12700 Norwalk Boulevard - Norwalk, CA 90650 - (562) 929-5723

SPECIFICATIONS

FOR THE

LOCAL STREET REHABILITATION ZONES 5 & 6

PROJECT NO: 7944

NIB NO: 26-864

BID OPENING DATE: Tuesday, July 7, 2026

Bids shall be submitted on PlanetBids.

PREPARED AND APPROVED BY:

SRI CHAKRAVARTHY, P.E., T.E. RCE No 73629 — 2026-06-04 Date

ALBERT MENDOZA, P.E. RCE No 90882 — 2026-06-11 Date
City Engineer

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CITY OF NORWALK

NOTICE INVITING BIDS

FOR

LOCAL STREET REHABILITATION ZONES 5 & 6
City Project No.: 7944
NIB No.: 26-864

NOTICE IS HEREBY GIVEN that the City of Norwalk, California ("City") invites electronic Bids for the for the above stated project up to 11:00 AM on Tuesday, July 7, 2026. The City will be receiving bids electronically via City of Norwalk's PlanetBids portal at:

https://pbsystem.planetbids.com/portal/54783/portal-home

SCOPE OF WORK. The Project includes, without limitation, furnishing all necessary labor, materials, equipment and other incidental and appurtenant work necessary to satisfactorily complete the Project, as more specifically described in the Contract Documents. The project involves cold milling existing AC Pavement, AC Removals and Reconstructions, ARAM Interlayer, ARHM Overlays, AC Base Overlays and Adjusting Utilities to Grade; signing, striping, loop detector replacements and traffic control; removal and replacement of cross gutters and spandrels, including adjacent curb and gutter, and ADA curb ramps.

ESTIMATED COST OF WORK. The Project is estimated to cost approximately $4,500,000 and includes, without limitation, furnishing all necessary labor, materials, equipment and other incidental and appurtenant Work necessary to satisfactorily complete the Project, as more specifically described in the Contract Documents. This Work will be performed in strict conformance with the Contract Documents, permits from regulatory agencies with jurisdiction, and applicable regulations. The quantity of Work to be performed and materials to be furnished are approximations only, being given as a basis for the comparison of Bids. Actual quantities of Work to be performed may vary at the discretion of the City Engineer.

OBTAINING BID DOCUMENTS. Respondents to this NIB must be registered as a Vendor with the City of Norwalk on the City of Norwalk PlanetBids online bid portal to access all solicitation documents related to this project. The Vendor Portal provides entry to the NEW VENDOR REGISTRATION and BID OPPORTUNITIES modules. Registration is free and immediate. Instructions to register are provided on the City's website at: https://www.norwalk.org/planetbids.

A copy of the solicitation can be downloaded from the City of Norwalk PlanetBids online bid portal site at https://pbsystem.planetbids.com/portal/54783/portal-home.

All questions or requests for interpretation regarding this solicitation must be submitted through the Q&A section of the City of Norwalk PlanetBids online bid portal. Bidders are not to contact City personnel with questions or clarifications concerning this solicitation. Any City response relevant to this solicitation provided through any means other than the City of Norwalk PlanetBids online bid portal is unauthorized and will be considered invalid.

REGISTRATION WITH THE DEPARTMENT OF INDUSTRIAL RELATIONS. In accordance with Labor Code Sections 1725.5 and 1771.1, no contractor or subcontractor shall be qualified to bid on, be listed in a bid proposal, subject to the requirements of Section 4104 of the Public Contract

Code, or engage in the performance of any contract for public work, unless currently registered and qualified to perform public work pursuant to Section 1725.5 [with limited exceptions for bid purposes only under Labor Code Section 1771.1(a)].

PREVAILING WAGES. In accordance with Labor Code Section 1770 *et seq*., the Project is a "public work." The selected Bidder (Contractor) and any Subcontractors shall pay wages in accordance with the determination of the Director of the Department of Industrial Relations ("DIR") regarding the prevailing rate of per diem wages. Copies of those rates are on file with the Director of Public Works, and are available to any interested party upon request. The Contractor shall post a copy of the DIR's determination of the prevailing rate of per diem wages at each job site. This Project is subject to compliance monitoring and enforcement by the DIR.

BONDS. Bidders must submit to the City Clerk a cash deposit, cashier's check, certified check, or Bidder's Bond issued by a Surety insurer, made payable to the City of Norwalk and in an amount not less than ten percent (10%) of the total Bid submitted by no later than Tuesday, July 7th 2026. Personal or company checks are not acceptable. Bidder must indicate on the outside of the envelope the solicitation name and solicitation number. Failure to provide cashier's check, certified check, or Bidder's Bond will deem the bid as Non-Responsive.

City of Norwalk
Attn: City Clerk
12700 Norwalk Blvd., Room 10
Norwalk, CA 90650
Phone: (562) 929-5720

A scanned copy of the cash deposit, cashier's check, certified check, or Bid Bond shall be submitted along with the electronic bid through the City of Norwalk PlanetBids online bid portal. Upon Contract award, the Contractor shall provide faithful performance and payment Bonds, each in a sum equal to the Contract Price. All Bonds must be issued by a California admitted Surety insurer using the forms set forth in the Contract Documents, or in any other form approved by the City Attorney. Failure to enter into the Contract with the City, including the submission of all required Bonds and insurance coverages, within fifteen (15) Days after the date of the mailing of written notice of contract award to the Bidder, shall subject the Bid security to forfeiture to the extent provided by law.

LICENSES. Each Bidder shall possess a valid Class A or C-12 Contractor's license issued by the California State Contractors License Board at the time of the Bid submission, unless this Project has any federal funding, in which case the successful Bidder must possess such a license at the time of Contract award. The successful Contractor must also possess a current City business license.

LIQUIDATED DAMAGES. Liquidated damaged daily cost shall be **$5,000** (dollar amount) per Calendar Day.

RETENTION SUBSTITUTION. Five percent (5%) of any progress payment will be withheld as retention. In accordance with Public Contract Code Section 22300, and at the request and expense of the Contractor, securities equivalent to the amount withheld may be deposited with the City or with a State or federally chartered bank as escrow agent, which shall then pay such moneys to the Contractor. Upon satisfactory completion of the Project, the securities shall be returned to the Contractor. Alternatively, the Contractor may request that the City make payments

of earned retentions directly to an escrow agent at the Contractor's expense. No such substitutions shall be accepted until all related documents are approved by the City Attorney.

BIDDING PROCESS. The City reserves the right to reject any Bid or all Bids, and to waive any irregularities or informalities in any Bid or in the bidding, as deemed to be in its best interest.

By: _____ 2026-06-11
City Engineer Date

INSTRUCTIONS TO BIDDERS

FORM OF BID. Bids shall be made on the Bid forms found herein. Bidders shall include all forms and fill in all blank spaces, including inserting "N/A" (for not applicable) where necessary.

DELIVERY OF BIDS. Bids must be submitted through the City of Norwalk PlanetBids online bid portal to be eligible for this solicitation. Mailed, faxed, or hand delivered bids will NOT be accepted.

AMENDED BIDS. Unauthorized conditions, limitations or provisos attached to a Bid may cause the Bid to be deemed incomplete and non-responsive.

WITHDRAWAL OF BID. A Bid may be withdrawn without prejudice upon written request by the Bidder filed with the City Clerk before the Bid submission deadline. Bids must remain valid and shall not be subject to withdrawal for sixty (60) Days after the Bid opening date.

BID PROTEST. The filing of bid protest to all our project specifications:

Bidders may file a "protest" of a Bid with the City Clerk. For a Bidder's protest to be considered valid, the protest must:

1) Be filed in writing seven (7) calendar days after the bid opening date; and,
2) Clearly identify the specific irregularity of accusation; and,
3) Specify, in detail, the grounds of protest and the facts supporting such protest; and,
4) Include all relevant and supporting documentation with the protest at the time of filing.

If the protest does not comply with each of these requirements, it will be rejected as invalid. Should the protest be deemed valid, staff from the Engineering Division consultation with the legal counsel shall review the basis of the protest and all relevant information. The Director of Public Services/City Engineer or designee will provide a written response to the protestor, and the decision will be final.

BIDDER'S SECURITY. Each Bid shall be accompanied by a certified or cashier's check payable to the City, or a satisfactory Bid Bond in favor of the City executed by the Bidder as principal and an admitted surety insurer as Surety, in an amount not less than ten percent (10%) of the amount set forth in the Bid. The cashiers check or Bid Bond shall be given as a guarantee that, if selected, the Bidder will execute the Contract in conformity with the Contract Documents, and will provide the evidence of insurance and furnish the specified Bonds, within fifteen (15) Days after the date of delivery of the Contract Documents to the Bidder. In case of the Bidder's refusal or failure to do so, the City may award the Contract to the next lowest responsible bidder, and the cashier's check or Bond (as applicable) of the lowest Bidder shall be forfeited to the City to the extent permitted by law. No Bid Bond will be accepted unless it conforms substantially to the form provided in these Contract Documents.

QUANTITIES APPROXIMATE. Any quantities shown in the Bid form or elsewhere herein shall be considered as approximations listed to serve as a general indication of the amount of Work or materials to be performed or furnished, and as basis for the Bid comparison. The City does not guarantee that the actual amounts required will correspond with those shown. As deemed necessary or convenient, the City may increase or decrease the amount of any item or portion of

Work or material to be performed or furnished or omit any such item or portion, in accordance with the Contract Documents.

ADDENDA. The City Engineer or his/her designee may, from time to time, issue Addenda to the Contract Documents. Bidders are responsible for ensuring that they have received any and all Addenda. Each Bidder is responsible for verifying that it has received all Addenda issued, if any. Bidders must acknowledge receipt of all Addenda, if any, in their bids. Failure to acknowledge receipt of all Addenda may cause a Bid to be deemed incomplete and non-responsive.

DISCREPANCIES IN BIDS. Each bidder shall set forth as to each item of Work, in clearly legible words and figures, a unit or line item Bid amount for the item in the respective spaces provided for this purpose.

In case of discrepancy between the unit price and the extended amount set forth for the item, the unit price shall prevail. In case of discrepancy between words and figures, the words shall prevail.

COMPETENCY OF BIDDERS. In evaluating Bidder responsibility, consideration will be given not only to the financial standing, but also to the general competency of the Bidder for the performance of the Project. Each Bidder shall set forth in the designated area of the Bid form a statement of its experience. No Contract will be executed with a Bidder that is not licensed and registered with the DIR in accordance with State law, and with any applicable specific licensing requirements specified in these Contract Documents. These licensing and registration requirements for Contractors shall also apply to all Subcontractors.

BIDDER'S EXAMINATION OF SITE AND CONTRACT DOCUMENTS. Each Bidder must carefully examine the Project site and the entirety of the Contract Documents. Upon submission of a Bid, it will be conclusively presumed that the Bidder has thoroughly investigated the Work and is satisfied as to the conditions to be encountered, existing conditions and the character, quality, and quantities of Work to be performed and materials to be furnished. Upon Bid submission, it also shall be conclusively presumed that the Bidder is familiar with and agrees to the requirements of the Contract Documents, including all Addenda. No information derived from an inspection of records or investigation will in any way relieve the Contractor from its obligations under the Contract Documents nor entitle the Contractor to any additional compensation. The Contractor shall not make any claim against the City based upon ignorance or misunderstanding of any condition of the Project site or of the requirements set forth in the Contract Documents. No claim for additional compensation will be allowed which is based on a lack of knowledge of the above items. Bidders assume all risks in connection with performance of the Work in accordance with the Contract Documents, regardless of actual conditions encountered, and waive and release the City with respect to any and all claims and liabilities in connection therewith, to the extent permitted by law.

CONSTRUCTION SCHEDULE, PROGRESS OF WORK, LIQUIDATED DAMAGES: In accordance with the provisions of Section 6-1.1 of the Standard Specifications for Public Works Construction ("Greenbook"), latest edition, and/or as may be provided for within the herein Special Provisions, after notification of award and prior to start of any work, the Contractor's shall submit to the Engineer for approval its proposed Construction Schedule. The selected Contractor shall complete the project within the duration identified on Section NIB. "Time of Completion" of City's issuance of a Notice to Proceed.

The following is the project milestone schedule showing important milestones the contractor shall adhere to:

PROJECT MILESTONE SCHEDULE

Task No	Description	Date
1.City Task	Contract award by the City Council.	Date 1
2.Contractor Task + City Task	Contractor shall provide required bonds and insurances to City for review. After approval, City will send out the Contract to Contractor for signatures.	Date 2 = Date 1 + 5 working days
3.Contractor Task	Contractor shall return signed Contract to City.	Date 3 = Date 2 + 5 working days
4. City Task	City will counter sign the Contract and provide a fully executed Contract to Contractor.	Date 4 = Date 3 + 5 working days
5. Milestone 1	City will issue to the Contractor NTP 1 (Notice to Proceed) to commence with submitting **project baseline schedule with master list of submittals, traffic control plans, phasing maps and all appurtenant schedules and all material submittals.** **Liquidated damaged daily cost shall be $5,000 (dollar amount) per Calendar Day per this milestone**	Date 5 = Date 4 + 10 working days
6. Milestone 2	An in-person Pre-construction meeting will be held at City Hall. Contractor shall submit its **project baseline schedule with master list of submittals, traffic control plans, phasing maps and all appurtenant schedules and all material submittals** to the City at the Pre-construction meeting, with project start date established based on Date 5 shown in Task 5.	Date 6 = Date 5 + 5 working day
7. Milestone 3	City will issue to the Contractor NTP 2 (Notice to Proceed) to commence with field construction.	Date 7 = Date 6 + 5 working days (Effective Date of for the start of construction)

Task No	Description	Date
8.Contractor Task	Contractor shall complete field construction. **Note:** All pavement treatment placement (including HMA, grind & overlay, ARAM, slurry seal, and related surface applications) shall be completed no later than September 1 unless otherwise authorized in writing by the City. Any area cold milled or fully removed AC Pavement sections, shall be paved within 2 working days. No street area shall be left open with cold milled section during weekend (Saturday and Sunday) or during City recognized holidays. All cold milled areas shall be paved by 3pm that Friday (Within the same working week). Immediately after paving, temporary cat tracking shall be painted and temporary tabs shall be placed to delineate lane lines, crosswalks, stop legends, stop bars, limit lines, and all other markings and legends as necessary. No parking signs shall be posted onsite minimum 72 hours prior to the pavement rehabilitation operations. Resident notifications shall be hand delivered minimum 1 week prior to the rehabilitation operations. If schedule changes, contractor shall re-issue and hand deliver the notifications. Any area of demolished Portland Cement Concrete (PCC) shall be fully reconstructed within two (2) working days of demolition. At no time shall demolished or removed sidewalk, curb ramp, curb, or gutter sections be left open over a weekend (Saturday and Sunday) or during City-recognized holidays. All PCC demolition occurring during a given workweek shall be fully reconstructed no later than 3:00 p.m. on Friday of that same workweek, unless otherwise approved in writing by the City. If Additive Alternate Bid Schedule – Zone 6 is awarded, add **15** working days to the contract. Liquidated damaged daily cost shall be $5,000 (dollar amount) per Calendar Day per this milestone.	Date 8 = Date 7 + 70 working days
All durations above related to Contractor tasks shall remain the same regardless of City's completion of City tasks.		

At a scheduled date prior to commencement of work, the Contractor and all subcontractors shall attend a pre-construction conference at the City Hall. The Contractor agrees that failure to complete work within the time allowed will result in damages being sustained by the City. Contractor and City agree that failure to complete the project will result in inconvenience to the citizens of Norwalk. The parties also agree that failure to complete the project on time will prevent the City from having the use of the affected facilities. Therefore, the parties agree such damages among others are, and will continue to be, impracticable and extremely difficult to determine, but

that $5,000 a calendar day is the minimum value of such costs to the City and is a reasonable amount that the Contractor agrees to reimburse the City for each calendar day of delay in finishing the work in excess of the time specified for completion, plus any authorized time extensions. Execution of the contract under these specifications shall constitute agreement by the Contractor and the City that the above indicated liquidated damage amount per calendar day is the minimum value of the costs and actual damage caused by failure of the Contractor to complete the work within the allotted time, that such sum is liquidated damages and shall not be construed as a penalty, and that such sum may be deducted from payments due the Contractor if such delay occurs.

TRADE NAMES OR EQUALS. Requests to substitute an equivalent item for a brand or trade name item must be made by written request submitted no later than the date specified in Section 4-6 of the General Provisions. Requests received after this time shall not be considered. Requests shall clearly describe the product for which approval is requested, including all data necessary to demonstrate acceptability.

DISQUALIFICATION OF BIDDERS. No Person shall be allowed to make, file or be interested in more than one Bid for the Project, unless alternate Bids are specifically called for. A Person that has submitted a sub-bid to a Bidder, or that has quoted prices of materials to a Bidder, is not thereby disqualified from submitting a sub-proposal or quoting prices to other Bidders or from making a prime Bid. If there is a reason to believe that collusion exists among the Bidders, all affected Bids will be rejected.

RETURN OF BID SECURITY. The successful Bidder's Bid security shall be held until the Contract is executed. Bid security shall be returned to the unsuccessful Bidders within a reasonable time, which in any case shall not exceed sixty (60) Days after the successful Bidder has signed the Contract.

AWARD OF CONTRACT. The City reserves the right to reject any or all Bids or any parts thereof or to waive any irregularities or informalities in any Bid or in the bidding. The Contract award, if made, will be to the lowest responsible, responsive Bidder and is anticipated to occur within sixty (60) Days after the Bid opening. The Contract award may be made after that period if the selected Bidder has not given the City written notice of the withdrawal of its Bid.

ADDITIVE ITEMS. In accordance with Public Contract Code Section 20103.8, the lowest Bid shall be determined as follows: The lowest bid shall be the lowest bid price on the base contract without consideration of the prices on the additive items.

TRENCHING. If the Project involves the construction of a pipeline, sewer, sewage disposal system, boring and jacking pits, or similar trenches or open excavations, which are five (5) feet deep or more, then each Bidder must submit, as a Bid item, adequate sheeting, shoring, and bracing, or an equivalent method, for the protection of life or limb, which shall conform to applicable safety orders. This final submission must be accepted by the City in advance of excavation and must include a detailed plan showing the design of shoring, bracing, sloping, or other provisions to be made for worker protection from caving ground during the excavation Work. If such plan varies from the shoring system standards, the plan shall be prepared by a registered civil or structural engineer.

LISTING SUBCONTRACTORS. Each Bidder shall submit a list of the proposed Subcontractors on the Project, as required by the Subletting and Subcontracting Fair Practices Act (Public Contract Code Section 4100, *et seq*.).

EXECUTION OF CONTRACT. The selected Bidder shall execute the Contract in the form included in these Contract Documents within fifteen (15) Days from the date of delivery of the Contract Documents to the Bidder. Additionally, the selected Bidder shall also secure all insurance and Bonds as herein specified, and provide copies to the City, within fifteen (15) Days from the date of delivery of the Contract Documents to the Bidder. Failure or refusal to execute the Contract or to conform to any of the stipulated requirements shall be just cause for the annulment of the award and forfeiture of the Bidder's security. In such event, the City may declare the Bidder's security forfeited to the extent permitted by law, and the City may award the Contract to the next lowest responsible Bidder or may reject all bids.

SIGNATURES. The Bidder shall execute all documents requiring signatures, and shall cause to be notarized all documents that indicate such a requirement. Bids submitted as joint ventures must so state and be signed by each joint venturer. The Bidder shall provide evidence satisfactory to the City, such as an authenticated resolution of its board of directors, a certified copy of a certificate of partnership acknowledging the signer to be a general partner, or a power of attorney, indicating the capacity of the person(s) signing the Bid to bind the Bidder to the Bid and any Contract arising therefrom. Alternatively, Bids submitted by corporations must be executed as specified in Corporations Code Section 313, and Bids submitted by partnerships must be executed by all partners comprising the partnership.

INSURANCE AND BONDS. The Contractor shall not begin Work until it has given the City evidence of all required insurance coverage (including all additional insured certifications), a Bond guaranteeing the Contractor's faithful performance of the Contract, and a Bond securing the payment of claims for labor and materials, and City has provided its approval to begin Work.

TELEPHONES. Bidders are hereby notified that the City will not provide telephones for their use at the time of Bid submission.

INTERPRETATION OF CONTRACT DOCUMENTS. Any Bidder that is in doubt as to the intended meaning of any part of the Contract Documents, or that finds discrepancies in or omissions from the Contract Documents, may submit a written request for an interpretation or correction not later than ten (10) Days before the Bid submission deadline. All questions or requests for interpretation regarding this solicitation must be submitted through the Q&A section of the City of Norwalk PlanetBids online bid portal. Bidders are not to contact City personnel with questions or clarifications concerning this solicitation. Any City response relevant to this solicitation provided through any means other than the City of Norwalk PlanetBids online bid portal is unauthorized and will be considered invalid. Telephonic and electronic mail requests will not be taken. Any interpretation or correction of the Contract Documents will be made only by a written Addendum. No oral interpretation of any provision in the Contract Documents shall be binding.

TAXES. Except as may be otherwise specifically provided herein, all sales and/or use taxes assessed by federal, State or local authorities on materials used or furnished by the Contractor in performing the Work shall be paid by the Contractor. The Bidder shall calculate payment for all sales, unemployment, pension and other taxes imposed by federal, State, and local law and shall include these payments in computing the Bid

CHECKLIST FOR BIDDERS

The following information is required of all Bidders at the time of Bid submission:

_____ Completed and Signed Bid Cover Form

_____ Completed and Signed Bid Sheets

_____ Completed, Signed and Notarized Questionnaire

_____ Completed References Form

_____ Resume of General Construction Superintendent/On-Site Construction Manager

_____ Completed Subcontractor Designation Form

_____ Completed and Signed Industrial Safety Record Form

_____ Completed, Signed and Notarized Bid Bond or Other Security Form

_____ Signed and Notarized Noncollusion Declaration Form

_____ Evidence satisfactory to the City indicating the capacity of the person(s) signing the Bid to bind the Bidder

Failure of the Bidder to provide all required information in a complete and accurate manner may cause the Bid to be considered non-responsive.

BID

CITY OF NORWALK

LOCAL STREET REHABILITATION ZONES 5 & 6
CITY PROJECT NO. 7944

Bidder's Name: _____

TO THE HONORABLE MAYOR AND CITY COUNCIL OF THE CITY OF NORWALK:

The undersigned, as Bidder, declares that: (1) this Bid is made without collusion with any other person and that the only persons or parties interested as principals are those named herein; (2) the undersigned has carefully examined the Contract Documents (including all Addenda) and the Project site; and (3) the undersigned has investigated and is satisfied as to the conditions to be encountered, the character, quality and quantities of Work to be performed, and the materials to be furnished. Furthermore, the undersigned agrees that submission of this Bid shall be conclusive evidence that such examination and investigation have been made and agrees, in the event the Contract be awarded to it, to execute the Contract with the City of Norwalk to perform the Project in accordance with the Contract Documents in the time and manner therein prescribed, and to furnish or provide all materials, labor, tools, equipment, apparatus and other means necessary so to do, except as may otherwise be furnished or provided under the terms of the Contract Documents, for the following stated unit prices or lump-sum price as submitted on the Bid herein.

Bidder acknowledges receipt of all addenda, as follows:

Addendum No. _____ Date: _____

Addendum No. _____ Date: _____

Addendum No. _____ Date: _____

Addendum No. _____ Date: _____

The undersigned submits as part of this Bid a completed copy of its Industrial Safety Record. This Safety Record includes all construction Work undertaken in California by the undersigned and any partnership, joint venture or corporation that any principal of the undersigned participated in as a principal or owner for the last five (5) calendar years and the current calendar year before the date of Bid submittal. Separate information is being submitted for each such partnership, joint venture, or corporate or individual Bidder. The undersigned may attach any additional information or explanation of data that it would like to be taken into consideration in evaluating the Safety Record. An explanation of the circumstances surrounding any and all fatalities is attached.

Accompanying this Bid is a cashier's check, a certified check or a Bid Bond in an amount equal to at least ten percent (10%) of the total aggregate Bid price based on the quantities shown and the unit prices quoted. The undersigned further agrees that, should it be awarded the Contract and thereafter fail or refuse to execute the Contract and provide the required evidence of insurance and Bonds within fifteen (15) Days after delivery of the Contract to the undersigned, then the cash, check or Bid Bond shall be forfeited to the City to the extent permitted by law.

The undersigned certifies to have a minimum of three (3) consecutive years of current Public Works experience in the type of Work related to the Project and that this experience is in actual operation of the firm with permanent employees performing a part of the Work as distinct from a firm operating entirely by subcontracting all phases of the Work. The undersigned also certifies to be properly licensed by the State as a contractor to perform this type of Work. The undersigned possesses California Contractor's License Number _____, Class _____, which expires on _____.

Bidder's Name: _____

Signature: _____ Title: _____ Date: _____

Signature: _____ Title: _____ Date: _____

CITY OF NORWALK

BID SHEETS FOR

LOCAL STREET REHABILITATION ZONES 5 & 6
CITY PROJECT NO. 7944

Bidder's Name: _____

To the Honorable Mayor and Members of the City Council:

In compliance with the Notice Inviting Bids, the undersigned hereby agrees to execute the Contract to furnish all labor, materials, equipment and supplies for the Project in accordance with the Contract Documents to the satisfaction and under the direction of the City Engineer, at the following prices:

BASE BID SCHEDULE A – ZONE 5:

ITEM NO.	DESCRIPTION	ESTIMATED QUANTITY	UNIT	UNIT PRICES	EXTENDED AMOUNT
1.	Mobilization, Demobilization & Cleanup. (This amount shall not exceed 5% of the total contract)	1	LS	$	$
2.	Traffic Control & Public Notification.	1	LS	$	$
3.	Construction Surveying and Monument Preservation.	1	LS	$	$
4.	Install landscaping to match existing as needed for proposed work.	1	LS	$	$
5.	Construct Cape Seal. Work shall include Crack Seal, and Skin Patch.	191,420	SF	$	$
6.	Cold Mill Existing AC Pavement to 1.5" Depth.	730,900	SF	$	$
7.	Construct 1.5" Thick Asphalt Surface Course (ARHM-GG-C).	7,152	Ton	$	$
8.	Construct 1.5" Thick Asphalt Surface Course (HMA).	146	Ton	$	$

ITEM NO.	DESCRIPTION	ESTIMATED QUANTITY	UNIT	UNIT PRICES	EXTENDED AMOUNT
9.	Remove existing AC pavement and base to variable depth per plan.	500	SF	$	$
10.	Construct AC Pavement to Variable Depth per Plan.	20	Ton	$	$
11.	Construct Aggregate Base.	9	CY	$	$
12.	Construct Subbase.	11	Ton	$	$
13.	Adjust Manhole Frame and Cover to Grade.	45	EA	$	$
14.	Adjust Water or Gas Valve Frame and Cover to Grade.	96	EA	$	$
15.	Install Striping (Caltrans Std. Plan A20A, Detail 2).	1,931	LF	$	$
16.	Install Striping (Caltrans Std. Plan A20A, Detail 22).	1,525	LF	$	$
17.	Install White Pavement Markings (Caltrans Std. Plan A24D).	53	EA	$	$
18.	Install Striping 12" Limit Line (Caltrans Std. Plan A24G).	845	LF	$	$
19.	Install Fire Hydrant Pavement Marker (CAMUTCD, Figure 3B-102(CA).	45	EA	$	$
20.	Remove Existing Traffic Loops Reinstall Type D Traffic Loops as Shown on the Plan; Connect Wires to Existing Lead-in Cables Per Caltrans Std Plans ES-5A and Specifications.	2	EA	$	$

ITEM NO.	DESCRIPTION	ESTIMATED QUANTITY	UNIT	UNIT PRICES	EXTENDED AMOUNT
21.	Remove Existing Traffic Loops Reinstall Type E Traffic Loops as Shown on the Plan; Connect Wires to Existing Lead-in Cables Per Caltrans Std Plans ES-5A and Specifications.	2	EA	$	$
22.	Paint (two coats) existing red curb with 6” white curb bookends per Appendix E detail.	1,263	LF	$	$
23.	Paint (two coats) red curb with 6” white curb bookends per Appendix E detail.	1,478	LF	$	$
24.	Install Striping 12" Yellow Thermoplastic Ladder Crosswalk (Caltrans Std. Plan A24F).	234	SF	$	$
25.	Install Striping 12" Yellow Continental Crosswalk (Caltrans Std. Plan A24F).	1,236	LF	$	$
26.	Install 12” White Paint Continental Crosswalk (Caltrans Std. Plan A24F).	330	SF	$	$
27.	Install Yellow Pavement Markings (Caltrans Std. Plan A24D).	6	EA	$	$
28.	Furnish and Install SW24-3 Sign and Post per Signing and Striping Plans, Construction Note No. 17.	2	EA	$	$
29.	Furnish and Install R1-3P Sign and Square Post per Signing and Striping Plans, Construction Note No. 19.	2	EA	$	$
30.	Furnish and Install R1-3P Sign per Signing and Striping Plans, Construction Note No. 18.	18	EA	$	$

ITEM NO.	DESCRIPTION	ESTIMATED QUANTITY	UNIT	UNIT PRICES	EXTENDED AMOUNT
31.	Install Red Reflective Tape on Existing R1-1 Sign and Post per Signing and Striping Plans, Construction Note No. 5.	2	EA	$	$
32.	Relocate R1-1 Sign per Signing and Striping Plans, Construction Note No. 14.	2	EA	$	$
TOTAL BASE BID A AMOUNT IN DIGITS: _____					
TOTAL BASE BID A AMOUNT IN WORDS: _____					

Note: Items may be adjusted or deleted. Therefore, regardless of total actual volume (percentage) compared to estimated quantities, the unit prices provided above by the Bidder shall be applied to the final quantity when payment is calculated for these items. No adjustment in the unit prices will be allowed except as described by Standard Specifications section 7-3.5. The City reserves the right to not use any of the estimated quantities; and if this right is exercised, the Contractor will not be entitled to any additional compensation. Cost of all export of material shall be included in the above unit costs; no additional compensation will be granted for such expenses.

Signature: _____ Title: _____ Date: _____

Signature: _____ Title: _____ Date: _____

BASE BID SCHEDULE B – ZONE 6:

ITEM NO.	DESCRIPTION	ESTIMATED QUANTITY	UNIT	UNIT PRICES	EXTENDED AMOUNT
1.	Mobilization, Demobilization & Cleanup. (This amount shall not exceed 5% of the total contract)	1	LS	$	$
2.	Traffic Control & Public Notification	1	LS	$	$
3.	Construction Surveying and Monument Preservation	1	LS	$	$
4.	Install landscaping to match existing as needed for proposed work	1	LS	$	$
5.	Construct Type II Slurry Seal, Work shall include Crack Seal, and Skin Patch	50,410	SF	$	$
6.	Construct Cape Seal. Work shall include Crack Seal, and Skin Patch	198,560	SF	$	$
7.	Coldmill existing AC pavement to 1.5” Thick Depth	409,820	SF	$	$
8.	Construct 1.5” Thick Asphalt surface course (ARHM-GG-C)	3,918	Ton	$	$
9.	Construct 1.5” Thick Asphalt surface course (HMA)	137	Ton	$	$
10.	Remove existing AC pavement and base to variable depth per plan	2,485	SF	$	$
11.	AC pavement to variable depth per plan	93	Ton	$	$
12.	Construct Aggregate Base	46	CY	$	$
13.	Construct Subbase	56	Ton	$	$

ITEM NO.	DESCRIPTION	ESTIMATED QUANTITY	UNIT	UNIT PRICES	EXTENDED AMOUNT
14.	Adjust Manhole Frame and Cover to Grade.	65	EA	$	$
15.	Adjust Water or Gas Valve Frame and Cover to Grade.	65	EA	$	$
16.	Construct AC Overlay (ARHM) - Zeus Ave. from Spry St. to Imperial Hwy	476	Ton	$	$
17.	Install Striping (Caltrans Std. Plan A20A, Detail 2)	4,096	LF	$	$
18.	Install Striping (Caltrans Std. Plan A20A, Detail 22)	1,636	LF	$	$
19.	Install Striping – 8” White Channelizing Line	70	LF	$	$
20.	Install White Arrow Pavement Markings (Caltrans Std. Plan A24A & A24B)	4	EA	$	$
21.	Install White Legend Pavement Markings (Caltrans Std. Plan A24D)	41	EA	$	$
22.	Install Striping 12" Limit Line (Caltrans Std. Plan A24G)	760	LF	$	$
23.	Install Fire Hydrant Pavement Marker (CAMUTCD, Figure 3B-102(CA))	34	EA	$	$
24.	Remove Existing Traffic Loops Reinstall Type D Traffic Loops as Shown on the Plan; Connect Wires to Existing Lead-in Cables Per Caltrans Std Plans ES-5A and Specifications.	3	EA	$	$

ITEM NO.	DESCRIPTION	ESTIMATED QUANTITY	UNIT	UNIT PRICES	EXTENDED AMOUNT
25.	Remove Existing Traffic Loops Reinstall Type E Traffic Loops as Shown on the Plan; Connect Wires to Existing Lead-in Cables Per Caltrans Std Plans ES-5A and Specifications.	3	EA	$	$
26.	Paint (two coats) existing red curb with 6” white curb bookends per Appendix E detail.	1,112	LF	$	$
27.	Paint (two coats) red curb with 6” white curb bookends per Appendix E detail.	1,129	LF	$	$
28.	Install 12" Yellow Thermoplastic Ladder Crosswalk (Caltrans Std. Plan A24F)	162	SF	$	$
29.	Install Striping 12" Yellow Continental Crosswalk (Caltrans Std. Plan A24F)	565	SF	$	$
30.	Install Striping 12” White Continental Crosswalk (Caltrans Std. Plan A24D)	176	SF	$	$
31.	Install Yellow Legend Pavement Markings (Caltrans Std. Plan A24D)	6	EA	$	$
32.	Furnish and Install W3-1 Sign and Post per Signing and Striping Plans, Construction Note No. 17.	1	EA	$	$
33.	Furnish and Install S1-1 and W16-7P Sign and Post per Signing and Striping Plans, Construction Note No. 17.	1	EA	$	$
34.	Furnish and Install R1-3P Sign and Square Post per Signing and Striping Plans, Construction Note No. 19.	2	EA	$	$

ITEM NO.	DESCRIPTION	ESTIMATED QUANTITY	UNIT	UNIT PRICES	EXTENDED AMOUNT
35.	Furnish and Install R1-3P Sign per Signing and Striping Plans, Construction Note No. 18.	13	EA	$	$
36.	Furnish and Install S1-1 Sign per Signing and Striping Plans, Construction Note No. 18.	1	EA	$	$
37.	Furnish and Install W16-7P Sign per Signing and Striping Plans, Construction Note No. 18.	1	EA	$	$
38.	Install Red Reflective Tape On Existing R1-1 Sign and Post per Signing and Striping Plans, Construction Note No. 5.	1	EA	$	$
39.	Relocate R1-1 Sign per Signing and Striping Plans, Construction Note No. 14.	2	EA	$	$
TOTAL BASE BID B AMOUNT IN DIGITS:					$_____
TOTAL BASE BID B AMOUNT IN WORDS: _____					

Note: Items may be adjusted or deleted. Therefore, regardless of total actual volume (percentage) compared to estimated quantities, the unit prices provided above by the Bidder shall be applied to the final quantity when payment is calculated for these items. No adjustment in the unit prices will be allowed except as described by Standard Specifications section 7-3.5. The City reserves the right to not use any of the estimated quantities; and if this right is exercised, the Contractor will not be entitled to any additional compensation. Cost of all export of material shall be included in the above unit costs; no additional compensation will be granted for such expenses.

Signature: _____ Title: _____ Date: _____

Signature: _____ Title: _____ Date: _____

ADDITIVE ALTERNATE BID SCHEDULE
ZONE 6:

ITEM NO.	DESCRIPTION	ESTIMATED QUANTITY	UNIT	UNIT PRICES	EXTENDED AMOUNT
1.	Remove existing AC Between PL and Fence – Zeus Avenue (Spry St to Imperial Hwy)	3,480	SF	$	$
2.	Graded Fill – Zeus Avenue (Spry St to Imperial Hwy)	258	CY	$	$
3.	Construct Curb and Gutter – Zeus Avenue (from Spry St to Imperial Hwy), per City Standard Plan 105, Type A2	954	LF	$	$
4.	Construct Concrete Driveway – Zeus Avenue at Spry St, per City Standard Plan 101A	260	SF	$	$
5.	Remove and Replace Concrete Spandrel and Gutter Replacement – Zeus Avenue and Spry St, per City Standard Plan 105R	170	SF	$	$
6.	Remove and Replace Concrete Sidewalk – Zeus Avenue and Spry St, per City Standard Plan 104	70	SF	$	$
7.	Remove and Replace Curb and Gutter – Zeus Avenue at Spry St, per City Standard Plan 105, Type A2	20	LF	$	$
TOTAL ADDITIVE ALTERNATE BID AMOUNT IN DIGITS					$_____
TOTAL ADDITIVE ALTERNATE BID AMOUNT IN WORDS: _____ _____					

Note: Items may be adjusted or deleted. Therefore, regardless of total actual volume (percentage) compared to estimated quantities, the unit prices provided above by the Bidder shall

be applied to the final quantity when payment is calculated for these items. No adjustment in the unit prices will be allowed except as described by Standard Specifications section 7-3.5. The City reserves the right to not use any of the estimated quantities; and if this right is exercised, the Contractor will not be entitled to any additional compensation. Cost of all export of material shall be included in the above unit costs; no additional compensation will be granted for such expenses.

Signature: _____ Title: _____ Date: _____

Signature: _____ Title: _____ Date: _____

The award of Contract shall be based on the TOTAL BASE BID AMOUNT (BASE BID SCHEDULE A – ZONE 5 + BASE BID SCHEDULE B – ZONE 6).

The ADDITIVE ALTERNATE BID ITEMS shown per the ADDITIVE ALTERNATE BID SCHEDULE above will not be taken into account in determining the lowest responsible bidder. City may add bid items from the ADDITIVE ALTERNATE BID SCHEDULE at the sole and complete discretion of the City as part of the performance of the contract.

Schedule of Values (SOV). Within 10 days of execution of this contract, the Contractor shall submit for the City's review and approval an SOV for the lump sum Bid items of the Work. The Schedule of Values will:

a. Subdivide the Work into its respective parts,
b. Include values for all items comprising the Work, and
c. Serve as the basis for monthly progress payments made to the Contractor throughout the Work.

The City shall be the sole judge of acceptable numbers, details, and description of values established. If, in the opinion of the City, a greater number of SOV items than proposed by the Contractor are necessary, the Contractor shall add the additional items so identified by the City. When requested by City, the Contractor shall provide substantiating data in support of scheduled values. Monthly progress payment amounts for Lump Sum items shall be determined from the monthly updates of the Schedule activities.

Full compensation for the items listed to the right as Items A, B, and C are considered as inclusive in each Bid Item listed above in the Base Bid Schedule as applicable, and no additional and/or separate compensation will be allowed.	A. NPDES, WWECP, and Best Management Practices (BMPs), Public Convenience, Public Notifications and Safety
	B. Construction Staking and Monumentation by Licensed Land Surveyor
	C. Clearing and Grubbing

In the case of discrepancies in the amount of bid, unit prices shall govern over extended amounts, and words shall govern over figures.

The bid prices shall include any and all costs, including labor, materials, appurtenant expenses, taxes, royalties and any and all other incidental costs to complete the project, in compliance with the Bid and Contract Documents and all applicable codes and standards.

All other work items not specifically listed in the bid schedule, but necessary to complete the work per bid and contract documents and all applicable codes and standards are assumed to be included in the bid prices.

The City reserves the right to add, delete, increase or decrease the amount of any quantity shown and to delete any item from the contract and pay the contractor at the bid unit prices so long as the total amount of bid item change does not exceed 25% (plus or minus) of the total bid item amount for the entire project. If the change exceeds 25%, a change order may be negotiated to adjust unit bid prices in accordance with Standard Specifications section 7-3.5.

A bid is required for the entire work, so that the quantities set forth in the Bid Schedule are to calculate total bid amount, and that final compensation under the contract will be based upon the actual quantities of work satisfactorily completed.

QUESTIONNAIRE FORM

Fill out all of the following information. Attach additional sheets if necessary.

(1) Bidder's Name: _____

(2) If the Bidder's name is a fictitious name, who or what is the full name of the registered owner? If the Bidder's name is not a fictitious name, write "N/A" in the response to this question. If you are doing business under a fictitious name, provide a copy of the filed valid Fictitious Business Name Statement.

_____

(3) Business Address: _____

(4) Telephone: _____ Facsimile: _____

(5) Email Address: _____

(6) Type of Firm – Individual, Partnership, LLC or Corporation: _____

(7) Corporation organized under the laws of the State of: _____

(8) California State Contractor's License Number and Class: _____

Original Date Issued: _____ Expiration Date: _____

(9) DIR Contractor Registration Number: _____

(10) List the name and title of the person(s) who inspected the Project site for your firm:

_____

(11) List the name and title of the person(s) who visited the site for your firm: _____

(12) Number of years' experience the company has as a contractor in construction work: ____

(13) List the names, titles, addresses and telephone numbers of all individuals, firm members, partners, joint venturers, and company or corporate officers having a principal interest in this Bid:

_____

_____

_____

(14) List all current and prior D.B.A.'s, aliases, and fictitious business names for any principal having interest in this Bid:

_____

_____

(15) List the dates of any voluntary or involuntary bankruptcy judgments against any principal having an interest in this Bid:

_____

_____

_____

(16) For all arbitrations, lawsuits, settlements and the like (in or out of court) that the company or any principal having an interest in this Bid has been involved with in the past five (5) years:

a. List the names, addresses and telephone numbers of contact persons for the parties:

_____

_____

_____

b. Briefly summarize the parties' claims and defenses:

_____

_____

_____

c. State the tribunal (e.g., Superior Court, American Arbitration Association, etc.), the matter number, and the outcome:

_____

_____

_____

(17) Has the company or any principal having an interest in this Bid ever had a contract terminated by the owner or agency? If yes, explain.

_____

_____

_____

(18) Has the company or any principal having an interest in this Bid ever failed to complete a project? If yes, explain.

_____

_____

_____

(19) Has the company or any principal having an interest in this Bid ever been terminated for cause, even if it was converted to a "termination of convenience"? If yes, explain.

_____

_____

_____

(20) For projects that the company or any principal having an interest in this Bid has been involved with in the last five (5) years, did you have any claims or actions:

a. By you against the owner? Circle one: Yes No

b. By the owner against you? Circle one: Yes No

c. By any outside agency or individual for labor compliance?
Circle one: Yes No

d. By Subcontractors? Circle one: Yes No

e. Are any of these claims or actions unresolved or outstanding?
Circle one: Yes No

If your answer is "yes" to any part or parts of this question, explain.

_____

_____

_____

(21) List the last three (3) projects you have worked on or are currently working on for the City of Norwalk:

_____

_____

_____

Upon request of the City, the Bidder shall furnish evidence showing a notarized financial statement, financial data, construction experience, or other additional information.

Failure to provide truthful answers to the questions above or in the following References Form may result in the Bid being deemed non-responsive.

The Bidder certifies under penalty of perjury under the laws of the State of California that the information provided above is true and correct.

Notary Public

Subscribed and sworn to me: _____

_____

Signature:_____

This ____ day of _____, 20_____

Title: _____

Signature: _____

(SEAL)

Company

Signature:

_____

Title:

_____

Date:

_____

Signature:

_____

Title:

_____

Date:

_____

REFERENCES FORM

For all public agency projects in excess of $15,000 that you are currently working on or have worked on in the past three (3) years, provide the following information:
(Attach additional sheets if necessary)

Project 1 Name/Number _____

Project Description _____

Approximate Construction Dates From: _____ To: _____

Agency Name: _____

Contact Person: _____ Telephone: _____

Address: _____

Original Contract Amount: $_____ Final Contract Amount: $_____

If final amount is different from original amount, please explain (change orders, extra work, etc.).

_____

_____

Did you or any Subcontractor, file any claims against the Agency?
Circle one: Yes No

Did the Agency file any claims against you? Circle one: Yes No

If you answered yes to either of the above two questions, please explain and indicate outcome of claims.

_____

_____

Project 2 Name/Number _____

Project Description _____

Approximate Construction Date From: _____ To: _____

Agency Name: _____

Contact Person: _____ Telephone: _____

Address: _____

Original Contract Amount: $_____ Final Contract Amount: $_____

If final amount is different from original amount, please explain (change orders, extra work, etc.).

_____

_____

Did you or any Subcontractor, file any claims against the Agency?
Circle one: Yes No

Did the Agency file any claims against you? Circle one: Yes No

If you answered yes to either of the above two questions, please explain and indicate outcome of claims.

_____

_____

Project 3 Name/Number _____

Project Description _____

Approximate Construction Dates From: _____ To: _____

Agency Name: _____

Contact Person: _____ Telephone: _____

Address: _____

Original Contract Amount: $_____ Final Contract Amount: $_____

If final amount is different from original amount, please explain (change orders, extra work, etc.).

_____

_____

Did you or any Subcontractor, file any claims against the Agency?
Circle one: Yes No

Did the Agency file any claims against you? Circle one: Yes No

If you answered yes to either of the above two questions, please explain and indicate outcome of claims.

_____

_____

Project 4 Name/Number _____

Project Description _____

Approximate Construction Dates From: _____ To: _____

Agency Name: _____

Contact Person: _____ Telephone: _____

Address: _____

Original Contract Amount: $_____ Final Contract Amount: $_____

If final amount is different from original amount, please explain (change orders, extra work, etc.).

_____

_____

Did you or any Subcontractor, file any claims against the Agency?
Circle one: Yes No

Did the Agency file any claims against you? Circle one: Yes No

If you answered yes to either of the above two questions, please explain and indicate outcome of claims.

_____

_____

Project 5 Name/Number _____

Project Description _____

Approximate Construction Dates From: _____ To: _____

Agency Name: _____

Contact Person: _____ Telephone: _____

Address: _____

Original Contract Amount: $_____ Final Contract Amount: $_____

If final amount is different from original amount, please explain (change orders, extra work, etc.).

_____

_____

Did you or any Subcontractor, file any claims against the Agency?
Circle one: Yes No

Did the Agency file any claims against you? Circle one: Yes No

If you answered yes to either of the above two questions, please explain and indicate outcome of claims.

_____

_____

Project 6 Name/Number _____

Project Description _____

Approximate Construction Dates From: _____ To: _____

Agency Name: _____

Contact Person: _____ Telephone: _____

Address: _____

Original Contract Amount: $_____ Final Contract Amount: $_____

If final amount is different from original amount, please explain (change orders, extra work, etc.).

_____

_____

Did you or any Subcontractor, file any claims against the Agency?
Circle one: Yes No

Did the Agency file any claims against you? Circle one: Yes No

If you answered yes to either of the above two questions, please explain and indicate outcome of claims.

_____

_____

RESUME

The Contractor shall attach to the Bid the experience resumes of the individual proposed to serve as the General Construction Superintendent, on-site Construction Manager and Project Manager for the Project.

The Contractor shall also submit the resume of the proposed Project Manager prior to the first project coordination meeting for review and approval by the City. The Project Manager shall have a minimum of ten (10) years of relevant experience and shall have successfully managed at least ten (10) projects of similar scope and complexity.

The City will provide written approval of the proposed Project Manager. Upon approval, the Project Manager shall remain assigned to the Project for the full duration of the Work.

The City reserves the right, at its sole discretion, to require the removal and replacement of any project management or field supervisory personnel due to unsatisfactory performance, failure to comply with contract requirements, lack of coordination with City staff, safety concerns, or any other conduct deemed detrimental to the Project.

DESIGNATION OF SUBCONTRACTORS

[Public Contract Code Section 4104]

List all Subcontractors who will perform Work or labor or render service to the Contractor in or about the construction of the Work or improvement, or a Subcontractor licensed by the State of California who, under subcontract to the Contractor, specially fabricates and installs a portion of the Work or improvement according to detailed drawings contained in the Plans and Specifications, in an amount in excess of one-half percent (0.5%) of the Contractor's total Bid or, in the case of bids or offers for the construction of streets or highways, including bridges, in excess of one-half percent (0.5%) of the Contractor's total Bid or $10,000, whichever is greater. If all Subcontractors do not fit on this page, attach another page listing all information for all other Subcontractors.

Section 3-2 of Standard Specifications for Public Works Construction:
The Contractor shall perform, with its own organization, Contract work amounting to at least 50 percent of the Contract Price except that any designated "Specialty Items" may be performed by subcontractor and the amount of any such "Specialty Items" so performed will be deducted from the Contract Price before computing the amount required to be performed by the Contractor with its own organization. "Specialty Items" will be identified by the Agency in the Bid or in the Special Provisions.

Name under which Subcontractor is Licensed and Registered	CSLB License Number(s) and Class(es)	DIR Contractor Registration Number	Address and Phone Number	Type of Work (e.g., Electrical)	Percentage of Total Bid (e.g., 10%)*

* The percentage of the total Bid shall represent the "portion of the work" for the purposes of Public Contract Code Section 4104(b).

INDUSTRIAL SAFETY RECORD FORM

Bidder's Name _____

	Current Year of Record	2025	2024	2023	2022	2021	Total
Number of contracts							
Total dollar amount of contracts (in thousands of dollars)							
Number of fatalities							
Number of lost workday cases							
Number of lost workday cases involving permanent transfer to another job or termination of employment							

The above information was compiled from the records that are available to me at this time and I declare under penalty of perjury under the laws of the State of California that the information is true and accurate within the limitations of those records.

Signature: _____

Title: _____

Date: _____

Signature: _____

Title: _____

Date: _____

Bond No. _____

BID BOND

KNOW ALL PERSONS BY THESE PRESENTS that:

WHEREAS the City of Norwalk ("City"), has issued an invitation for Bids for the Work described as follows: **LOCAL STREET REHABILITATION ZONES 5 & 6**

Project No. 7944

WHEREAS _____
(Name and address of Bidder)

("Principal"), desires to submit a Bid to City for the Work.

WHEREAS, Bidders are required to furnish a form of Bidder's security with their Bids.

NOW, THEREFORE, we, the undersigned Principal, and _____

_____
(Name and address of Surety)

("Surety"), a duly admitted surety insurer under the laws of the State of California, as Surety, are held and firmly bound unto the City in the penal sum of _____

_____
Dollars ($_____), being not less than ten percent (10%) of the total Bid price, in lawful money of the United States of America, for the payment of which sum well and truly to be made, we bind ourselves, our heirs, executors, administrators, successors, and assigns, jointly and severally, firmly by these presents.

THE CONDITION OF THIS OBLIGATION IS SUCH THAT, if the hereby bounded Principal is awarded the Contract for the Work by the City and, within the time and in the manner required by the bidding specifications, enters into the written form of Contract included with the bidding specifications, furnishes the required Bonds (one to guarantee faithful performance and the other to guarantee payment for labor and materials), and furnishes the required insurance coverage, then this obligation shall become null and void; otherwise, it shall be and remain in full force and effect.

In case suit is brought upon this instrument, Surety further agrees to pay all court costs incurred by the City in the suit and reasonable attorneys' fees in an amount fixed by the court. Surety hereby waives the provisions of Civil Code Section 2845.

IN WITNESS WHEREOF, this instrument has been duly executed by Principal and Surety, on the date set forth below, the name of each corporate party being hereto affixed and these presents duly signed by its undersigned representative(s) pursuant to authority of its governing body.

Dated: _____

"Principal"	"Surety"
_____	_____
_____	_____
By: _____	By: _____
Its: _____	Its: _____
By: _____	By: _____
Its: _____	Its: _____

Note: This Bond must be dated, all signatures must be notarized, and evidence of the authority of any person signing as attorney-in-fact must be attached.

NONCOLLUSION DECLARATION FORM
TO BE EXECUTED BY BIDDER AND SUBMITTED WITH BID
[Public Contract Code Section 7106]

The undersigned declares:

I am the _____ of _____, the party making the foregoing Bid.

The Bid is not made in the interest of, or on behalf of, any undisclosed person, partnership, company, association, organization, or corporation. The Bid is genuine and not collusive or sham. The Bidder has not directly or indirectly induced or solicited any other Bidder to put in a false or sham Bid. The Bidder has not directly or indirectly colluded, conspired, connived, or agreed with any Bidder or anyone else to put in a sham Bid, or to refrain from bidding. The Bidder has not in any manner, directly or indirectly, sought by agreement, communication, or conference with anyone to fix the Bid price of the Bidder or any other Bidder, or to fix any overhead, profit, or cost element of the Bid price, or of that of any other Bidder. All statements contained in the Bid are true. The Bidder has not, directly or indirectly, submitted his or her Bid price or any breakdown thereof, or the contents thereof, or divulged information or data relative thereto, to any corporation, partnership, company, association, organization, Bid depository, or to any member or agent thereof, to effectuate a collusive or sham Bid, and has not paid, and will not pay, any Person or entity for such purpose.

Any person executing this declaration on behalf of a Bidder that is a corporation, partnership, joint venture, limited liability company, limited liability partnership, or any other entity, hereby represents that he or she has full power to execute, and does execute, this declaration on behalf of the Bidder.

I declare under penalty of perjury under the laws of the State of California that the foregoing is true and correct and that this declaration is executed on _____ [date], at _____ [city], _____ [state].

Signature:	_____	Signature:	_____
Printed Name:	_____	Printed Name:	_____
Date:	_____	Date:	_____

This form must be notarized.

CHECKLIST FOR EXECUTION OF CONTRACT

TO BE SUBMITTED BY SUCCESSFUL BIDDER:

_____ Two (2) executed and notarized copies of the Contract

_____ Payment Bond in amount of the Contract

_____ Performance Bond in amount of the Contract

_____ Workers' Compensation Certificate

_____ Liability Insurance certificate in the amounts specified in Section 5-4.2 of the General Provisions, naming the City as a co-insured

_____ Automobile insurance certificate in the amount specified in Section 5-4.4 of the General Provisions, naming the City as a co-insured

_____ Copy of City Business License

_____ Additional Insured Certification – Commercial General Liability

_____ Additional Insured Certification – Automobile Liability

_____ Additional Insured Certification – Excess Liability

SAMPLE

CONTRACT

CITY OF NORWALK
LOCAL STREET REHABILITATION ZONES 5 & 6
Project No. 7944

THIS CONTRACT ("Contract") is made and entered this _____, 20__ ("Effective Date"), by and between the CITY OF NORWALK, a California municipal corporation ("City") and _____, a _____ [Legal Form of Entity and state of formation, e.g., California corporation, limited partnership, limited liability company] ("Contractor"). Contractor's California State Contractor's license number is _____; Class ____). Contractor's DIR registration number is _____.

In consideration of the mutual covenants hereinafter set forth, the parties hereto agree as follows:

1. Contract Documents. The Contract Documents consist of this Contract, the Notice Inviting Bids, Instructions to Bidders, Bid (including documentation accompanying the Bid and any post-Bid documentation submitted before the Notice of Award), the Bonds, permits from regulatory agencies with jurisdiction, General Provisions, Special Provisions, Plans, Standard Plans, Standard Specifications, Reference Specifications, Addenda, Change Orders, and Supplemental Agreements. The Contract Documents are attached hereto and incorporated herein by reference.

2. Scope of Services. Contractor shall perform the Work in a good and workmanlike manner for the project identified as _____ ("Project"), as described in this Contract and in the Contract Documents.

3. Compensation. In consideration of the services rendered hereunder, City shall pay Contractor a sum not to exceed _____ dollars ($_____) in accordance with the prices as submitted in the Bid. The sum stated herein shall only be exceeded by making of a change order or amendment, agreed to in writing by both parties.

4. Incorporation by Reference. All of the following documents are attached hereto and incorporated herein by this reference: Workers' Compensation Certificate of Insurance, Additional Insured Certification (Commercial General Liability), Additional Insured Certification (Automobile Liability), and Additional Insured Certification (Excess Liability).

5. Antitrust Claims. In entering into this Contract, Contractor offers and agrees to assign to City all rights, title, and interest in and to all causes of action it may have under Section 4 of the Clayton Act (15 U.S.C. Sec. § 15) or under the Cartwright Act (Business and Professions Code Section 16700 *et seq*.) arising from purchases of goods, services, or materials pursuant to the Contract. This assignment shall be made and become effective at the time City tenders final payment to Contractor without further acknowledgment by the parties.

6. Prevailing Wages. City and Contractor acknowledge that the Project is a public work to which prevailing wages apply.

SAMPLE

7. Workers' Compensation. Labor Code Sections 1860 and 3700 provide that every contractor will be required to secure the payment of compensation to its employees. In accordance with the provisions of Labor Code Section 1861, by signing this Contract, the Contractor certifies as follows:

> "I am aware of the provisions of Section 3700 of the Labor Code which require every employer to be insured against liability for workers' compensation or to undertake self-insurance in accordance with the provisions of that Code, and I will comply with such provisions before commencing the performance of the Work of this Contract."

8. Indemnification. To the fullest extent permitted by law, Contractor shall indemnify and save harmless the City of Norwalk, its officers, officials, employees, agents, attorneys, and volunteers from and against any and all claims, demands, damages, losses, liabilities, costs, and expenses, including reasonable attorneys' fees and costs, arising out of or resulting from the performance of the Work under this Contract, but only to the extent caused by the negligent acts or omissions, recklessness, or willful misconduct of Contractor, its officers, employees, agents, subcontractors, or anyone directly or indirectly employed by them or for whose acts they may be liable. This indemnification obligation includes, but is not limited to, claims for bodily injury, personal injury, illness, disease, death, property damage, loss of use, or violation of applicable federal, state, or local laws, regulations, or ordinances, arising out of or in any manner connected with the performance of the Work. Nothing in this Contract shall be construed to require Contractor to indemnify, defend, or hold harmless the City for the City's sole negligence, active negligence, or willful misconduct. This indemnification obligation shall apply only to the extent permitted by California law. The provisions of this section shall survive completion of the Work and termination or expiration of this Contract.

9. Titles. The titles used in this Contract are for convenience only and shall in no way define, limit or describe the scope or intent of this Contract or any part of it.

10. Authority. Any person executing this Contract on behalf of Contractor warrants and represents that he or she has the authority to execute this Contract on behalf of Contractor and has the authority to bind Contractor to the performance of its obligations hereunder.

11. Entire Agreement. This Contract, including the Contract Documents and any other documents incorporated herein by specific reference, represents the entire and integrated agreement between City and Contractor. This Contract supersedes all prior oral or written negotiations, representations or agreements. This Contract may not be modified or amended, nor any provision or breach waived, except in a writing signed by both parties that expressly refers to this Contract.

12. Counterparts. This Contract may be executed in counterpart originals, duplicate originals, or both, each of which is deemed to be an original for all purposes.

IN WITNESS WHEREOF, the parties hereto have executed the Contract the day and year first above written.

SAMPLE

CITY OF NORWALK

By: _____
Jesus M. Gomez, City Manager

Date:_____

ATTEST:

By: _____
Theresa Devoy, City Clerk, CMC

APPROVED AS TO FORM:

By: _____
Arnold M. Alvarez-Glasman, City Attorney

NAME OF CONTRACTOR HERE

By: _____

Name: _____

Title: _____

By: _____

Name: _____

Title: _____

(Please note: Two signatures required for corporations pursuant to California Corporations Code Section 313, unless corporate documents authorize only one person to sign this Agreement on behalf of the corporation.)

SAMPLE

Bond No. _____

PAYMENT BOND
(LABOR AND MATERIALS)

KNOW ALL PERSONS BY THESE PRESENTS that:

WHEREAS the City of Norwalk ("City"), State of California, has awarded to _____

_____

_____ ("Principal")

(Name and address of Contractor)

a contract (the "Contract") for the Work described as follows:

LOCAL STREET REHABILITATION ZONES 5 & 6
City Project No.: 7944

WHEREAS, under the terms of the Contract, the Principal is required before entering upon the performance of the Work, to file a good and sufficient payment Bond with the City to secure the claims to which reference is made in Title 3 (commencing with Section 9000) of Part 6 of Division 4 of the Civil Code.

NOW, THEREFORE, we, the undersigned Principal, and _____

_____

_____

(Name and address of Surety)

("Surety") a duly admitted surety insurer under the laws of the State of California, as Surety, are held and firmly bound unto the City and all contractors, subcontractors, laborers, material suppliers, and other persons employed in the performance of the Contract and referred to in Title 3 (commencing with Section 9000) of Part 6 of Division 4 of the Civil Code in the penal sum of _

_____

Dollars ($_____), for materials furnished or labor thereon of any kind, or for amounts due under the Unemployment Insurance Act with respect to this Work or labor, that the Surety will pay the same in an amount not exceeding the amount hereinabove set forth, and also in case suit is brought upon this Bond, will pay, in addition to the face amount thereof, costs and reasonable expenses and fees, including reasonable attorneys' fees, incurred by City in successfully enforcing this obligation, to be awarded and fixed by the court, and to be taxed as costs and to be included in the judgment therein rendered.

It is hereby expressly stipulated and agreed that this Bond shall inure to the benefit of any and all persons, companies, and corporations entitled to file claims under Title 3 (commencing with Section 9000) of Part 6 of Division 4 of the Civil Code, so as to give a right of action to them or their assigns in any suit brought upon this Bond.

Upon expiration of the time within which the California Labor Commissioner may serve a civil wage and penalty assessment against the principal, any of its subcontractors, or both the principal and its subcontractors pursuant to Labor Code Section 1741, and upon expiration of the time within which a joint labor management committee may commence an action against the principal, any of its subcontractors, or both the principal and its subcontractors pursuant to Labor Code Section 1771.2, if the condition of this Bond be fully performed, then this obligation shall become null and void; otherwise, it shall be and remain in full force and effect.

The Surety hereby stipulates and agrees that no change, extension of time, alteration, or addition to the terms of the Contract or the Specifications accompanying the same shall in any manner affect its obligations on this Bond, and it does hereby waive notice of any such change, extension, alteration, or addition.

IN WITNESS WHEREOF, two (2) identical counterparts of this instrument, each of which shall for all purposes be deemed an original hereof, have been duly executed by Principal and Surety, on the date set forth below, the name of each corporate party being hereto affixed and these presents duly signed by its undersigned representative(s) pursuant to authority of its governing body.

Dated: _____

"Principal"	"Surety"
_____	_____
_____	_____
By: _____	By: _____
Its	Its
By: _____	By: _____
Its	Its
(Seal)	*(Seal)*

Note: *This Bond must be executed in duplicate and dated, all signatures must be notarized, and evidence of the authority of any person signing as attorney-in-fact must be attached. DATE OF BOND MUST NOT BE BEFORE DATE OF CONTRACT AWARD.* Surety companies executing Bonds must appear on the Treasury Department's most current list (Circular 570 as amended) and be authorized to transact business in the State where the project is located.

Bond No. _____

PERFORMANCE BOND

KNOW ALL PERSONS BY THESE PRESENTS that:

WHEREAS the City of Norwalk ("City"), has awarded to _____

_____ ("Principal")

(Name and address of Contractor)

a contract (the "Contract") for the Work described as follows:

LOCAL STREET REHABILITATION ZONES 5 & 6
Project No. 7944

WHEREAS, Principal is required under the terms of the Contract to furnish a Bond for the faithful performance of the Contract.

NOW, THEREFORE, we, the undersigned Principal, and _____

_____,

(Name and address of Surety)

("Surety") a duly admitted surety insurer under the laws of the State of California, as Surety, are held and firmly bound unto the City in the penal sum of _____

Dollars ($_____), this amount being not less than the total Contract Price, in lawful money of the United States of America, for the payment of which sum well and truly to be made, we bind ourselves, our heirs, successors executors and administrators, jointly and severally, firmly by these presents.

THE CONDITION OF THIS OBLIGATION IS SUCH THAT, if the hereby bounded Principal, his, her or its heirs, executors, administrators, successors or assigns, shall in all things stand to and abide by, and well and truly keep and perform the covenants, conditions and provisions in the Contract and any alteration thereof made as therein provided, on the Principal's part, to be kept and performed at the time and in the manner therein specified, and in all respects according to their true intent and meaning, and shall indemnify and save harmless the City, its officers, agents and employees, as therein stipulated, then this obligation shall become null and void; otherwise, it shall be and remain in full force and effect.

As a part of the obligation secured hereby and in addition to the face amount specified therefor, there shall be included costs and reasonable expenses and fees, including reasonable attorneys' fees, incurred by City in successfully enforcing such obligation, all to be taxed as costs and included in any judgment rendered. Surety hereby waives any statute of limitations as it applies to an action on this Bond.

The Surety hereby stipulates and agrees that no change, extension of time, alteration or addition to the terms of the Contract or of the Work to be performed thereunder or the specifications accompanying the same shall in anywise affect its obligations under this Bond, and it does hereby waive notice of any such change, extension of time, alteration or addition to the terms of the Contract or to the Work or to the specifications. Surety hereby waives the provisions of California

Civil Code Sections 2845 and 2849. The City is the principal beneficiary of this Bond and has all rights of a party hereto.

IN WITNESS WHEREOF, two (2) identical counterparts of this instrument, each of which shall for all purposes be deemed an original hereof, have been duly executed by Principal and Surety, on the date set forth below, the name of each corporate party being hereto affixed and these presents duly signed by its undersigned representative(s) pursuant to authority of its governing body.

Dated: _____

"Principal"	"Surety"
_____	_____
_____	_____
By: _____	By: _____
Its	Its
By: _____	By: _____
Its	Its
(Seal)	*(Seal)*

Note: This Bond must be executed in duplicate and dated, all signatures must be notarized, and evidence of the authority of any person signing as attorney-in-fact must be attached. DATE OF BOND MUST NOT BE BEFORE DATE OF CONTRACT AWARD. Surety companies executing Bonds must appear on the Treasury Department's most current list (Circular 570 as amended) and be authorized to transact business in the State where the project is located.

WORKERS' COMPENSATION
CERTIFICATE OF INSURANCE

WHEREAS, the City of Norwalk ("City") has required certain insurance to be provided by:

_____

NOW THEREFORE, the undersigned insurance company does hereby certify that it has issued the policy or policies described below to the following named insureds and that the same are in force at this time:

1. This certificate is issued to:

   City of Norwalk
   City Hall-City Clerk
   12700 Norwalk Boulevard
   Norwalk, CA 90650

   The insureds under such policy or policies are:

   _____

2. Workers' Compensation Policy or Policies in a form approved by the Insurance Commissioner of California covering all operations of the named insureds as follows:

Policy Number	Effective Date	Expiration Date
_____	_____	_____
_____	_____	_____
_____	_____	_____

_____

_____

_____

By: _____
Its Authorized Representative

ADDITIONAL INSURED CERTIFICATION
COMMERCIAL GENERAL LIABILITY

Name and address of named insured ("Named Insured"):

Name and address of insurance company ("Company"):

General description of agreement(s), permit(s), license(s), and/or activity(ies) insured:

Notwithstanding any inconsistent statement in the policy to which this Certification applies to (the "Policy"), it is agreed as follows:

1. The City of Norwalk ("City"), its elected officials, officers, attorneys, agents, employees, and volunteers are additional insureds (the above named additional insureds are hereafter referred to as the "Additional Insureds") under the Policy in relation to those activities described generally above with regard to operations performed by or on behalf of the Named Insured. The Additional Insureds have no liability for the payment of any premiums or assessments under the Policy.

2. The insurance coverages afforded the Additional Insureds under the Policy shall be primary insurance, and no other insurance maintained by the Additional Insureds shall be called upon to contribute with the insurance coverages provided by the Policy.

3. Each insurance coverage under the Policy shall apply separately to each Additional Insured against whom claim is made or suit is brought except with respect to the limits of the Company's liability.

4. Nothing in this contract of insurance shall be construed to preclude coverage of a claim by one insured under the policy against another insured under the policy. All such claims shall be covered as third-party claims, i.e., in the same manner as if separate policies had been issued to each insured. Nothing contained in this provision shall operate to increase or replicate the Company's limits of liability as provided under the policy.

5. The insurance afforded by the Policy for contractual liability insurance (subject to the terms, conditions and exclusions applicable to such insurance) includes liability assumed by the Named Insured under the indemnification and/or hold harmless provision(s) contained in or executed in conjunction with the written agreement(s) or permit(s) designated above, between the Named Insured and the Additional Insureds.

6. The policy shall not be subject to cancellation, change in coverage, reduction of limits (except as the result of the payment of claims), or non-renewal except after written notice to City, by certified mail, return receipt requested, not less than thirty (30) Days before the effective date thereof. In the event of Company's failure to comply with this notice provision, the policy as initially drafted will continue in full force and effect until compliance with this notice requirement.

7. Company hereby waives all rights of subrogation and contribution against the Additional Insureds, while acting within the scope of their duties, from all claims, losses and liabilities arising out of or incident to the perils insured against in relation to those activities described generally above with regard to operations performed by or on behalf of the Named Insured regardless of any prior, concurrent, or subsequent active or passive negligence by the Additional Insureds.

8. It is hereby agreed that the laws of the State of California shall apply to and govern the validity,

construction, interpretation, and enforcement of this contract of insurance.

9. All notices given hereunder shall be sent to City at:

City Clerk
City of Norwalk
City Hall
12700 Norwalk Boulevard
Norwalk, CA 90650

10. Except as stated above, nothing contained herein shall be held to waive, alter or extend any of the limits, agreements, or exclusions of the policy.

TYPE OF COVERAGES TO WHICH THIS CERTIFICATION ATTACHES	POLICY PERIOD FROM/TO	LIMITS OF LIABILITY

11. Scheduled items or locations are to be identified on an attached sheet. The following inclusions relate to the above coverages. Includes:

- □ Contractual Liability
- □ Owners/Landlords/Tenants
- □ Manufacturers/Contractors
- □ Products/Completed Operations
- □ Broad Form Property Damage
- □ Extended Bodily Injury
- □ Broad Form Comprehensive
- □ General Liability Certification
- □ Explosion Hazard
- □ Collapse Hazard
- □ Underground Property Damage
- □ Pollution Liability
- □ Liquor Liability
- □ _____
- □ _____
- □ _____

12. A □ deductible or □ self-insured retention *(check one)* of $_____ applies to all coverage(s) except: _____ *if none, so state)*. The deductible is applicable □ per claim or □ per occurrence *(check one)*.

13. This is an □ occurrence or □ claims made policy *(check one)*.

14. I, _____ *(print name)*, hereby declare under penalty of perjury under the laws of the State of California, that I have the authority to sign this certification.
Executed _____, 20____

_____
Signature of Authorized Representative
(Original signature only; no facsimile signature or initialed signature accepted)

Telephone No.: (_____) _____

ADDITIONAL INSURED CERTIFICATION
AUTOMOBILE LIABILITY

Name and address of named insured ("Named Insured"):

Name and address of insurance company ("Company"):

General description of agreement(s), permit(s), license(s), and/or activity(ies) insured:

Notwithstanding any inconsistent statement in the policy to which this certification applies to (the "Policy"), it is agreed as follows:

1. The City of Norwalk ("City"), its elected officials, officers, attorneys, agents, employees, and volunteers are additional insureds (the above named additional insureds are hereafter referred to as the "Additional Insureds") under the Policy in relation to those activities described generally above with regard to operations performed by or on behalf of the Named Insured. The Additional Insureds have no liability for the payment of any premiums or assessments under the Policy.

2. The insurance coverages afforded the Additional Insureds under the Policy shall be primary insurance, and no other insurance maintained by the Additional Insureds shall be called upon to contribute with the insurance coverages provided by the Policy.

3. Each insurance coverage under the Policy shall apply separately to each Additional Insured against whom claim is made or suit is brought except with respect to the limits of the Company's liability.

4. Nothing in this contract of insurance shall be construed to preclude coverage of a claim by one insured under the policy against another insured under the policy. All such claims shall be covered as third-party claims, i.e., in the same manner as if separate policies had been issued to each insured. Nothing contained in this provision shall operate to increase or replicate the Company's limits of liability as provided under the policy.

5. The insurance afforded by the Policy for contractual liability insurance (subject to the terms, conditions and exclusions applicable to such insurance) includes liability assumed by the Named Insured under the indemnification and/or hold harmless provision(s) contained or executed in conjunction with the written agreement(s) or permit(s) designated above, between the Named Insured and the Additional Insureds.

6. The policy to which this certification applies, shall not be subject to cancellation, change in coverage, reduction of limits (except as the result of the payment of claims), or non-renewal except after written notice to City, by certified mail, return receipt requested, not less than thirty (30) Days before the effective date thereto. In the event of Company's failure to comply with this notice provision, the policy as initially drafted will continue in full force and effect until compliance with this notice requirement.

7. Company hereby waives all rights of subrogation and contribution against the Additional Insureds, while acting within the scope of their duties, from all claims, losses and liabilities arising out of or incident to the perils insured against in relation to those activities described generally above with regard to operations performed by or on behalf of the Named Insured regardless of any prior, concurrent, or subsequent active or passive negligence by the Additional Insureds.

8. It is hereby agreed that the laws of the State of California shall apply to and govern the validity, construction, interpretation, and enforcement of this contract of insurance.

9. This certification and all notices given hereunder shall be sent to City at:

City Clerk
City of Norwalk
City Hall
12700 Norwalk Boulevard
Norwalk, CA 90650

10. Except as stated above, nothing contained herein shall be held to waive, alter or extend any of the limits, agreements, or exclusions of the policy to which this certification is attached.

TYPE OF COVERAGES TO WHICH THIS CERTIFICATION ATTACHES	POLICY PERIOD FROM/TO	LIMITS OF LIABILITY

11. Scheduled items or locations are to be identified on an attached sheet. The following inclusions relate to the above coverages. Includes:

- □ Any Automobiles
- □ All Owned Automobiles
- □ Non-owned Automobiles
- □ Hired Automobiles
- □ Scheduled Automobiles
- □ Garage Coverage
- □ Truckers Coverage
- □ Motor Carrier Act
- □ Bus Regulatory Reform Act
- □ Public Livery Coverage
- □ _____
- □ _____

12. A □ deductible or □ self-insured retention *(check one)* of $_____ applies to all coverage(s) except: _____ *(if none, so state)*. The deductible is applicable □ per claim or □ per occurrence *(check one)*.

13. This is an □ occurrence or □ claims made policy *(check one)*.

14. I, _____ *(print name)*, hereby declare under penalty of perjury under the laws of the State of California, that I have the authority to sign this certification and that by my execution hereof.

Executed _____, 20____

_____
Signature of Authorized Representative
(Original signature only; no facsimile signature or initialed signature accepted)

Telephone No.: (_____) _____

ADDITIONAL INSURED CERTIFICATION
EXCESS LIABILITY

Name and address of named insured ("Named Insured"):

Name and address of insurance company ("Company"):

General description of agreement(s), permit(s), license(s), and/or activity(ies) insured:

Notwithstanding any inconsistent statement in the policy to which this certification is attached (the "Policy"), it is agreed as follows:

1. The City of Norwalk ("City"), its elected officials, officers, attorneys, agents, employees, and volunteers are additional insureds (the above named additional insureds are hereafter referred to as the "Additional Insureds") under the Policy in relation to those activities described generally above with regard to operations performed by or on behalf of the Named Insured. The Additional Insureds have no liability for the payment of any premiums or assessments under the Policy.

2. The insurance coverages afforded the Additional Insureds under the Policy shall be primary insurance, and no other insurance maintained by the Additional Insureds shall be called upon to contribute with the insurance coverages provided by the Policy.

3. Each insurance coverage under the Policy shall apply separately to each Additional Insured against whom claim is made or suit is brought, except with respect to the limits of the Company's liability.

4. Nothing in this contract of insurance shall be construed to preclude coverage of a claim by one insured under the policy against another insured under the policy. All such claims shall be covered as third-party claims, i.e., in the same manner as if separate policies had been issued to each insured. Nothing contained in this provision shall operate to increase or replicate the Company's limits of liability as provided under the policy.

5. The insurance afforded by the Policy for contractual liability insurance (subject to the terms, conditions and exclusions applicable to such insurance) includes liability assumed by the Named Insured under the indemnification and/or hold harmless provision(s) contained in or executed in conjunction with the written agreement(s) or permit(s) designated above, between the Named Insured and the Additional Insureds.

6. The policy to which this certification applies, shall not be subject to cancellation, change in coverage, reduction of limits (except as the result of the payment of claims), or non-renewal except after written notice to City, by certified mail, return receipt requested, not less than thirty (30) Days before the effective date thereto. In the event of Company's failure to comply with this notice provision, the policy as initially drafted will continue in full force and effect until compliance with this notice requirement.

7. Company hereby waives all rights of subrogation and contribution against the Additional Insureds, while acting within the scope of their duties, from all claims, losses and liabilities arising out of or incident to the perils insured against in relation to those activities described generally above with regard to operations performed by or on behalf of the Named Insured regardless of any prior, concurrent, or subsequent active or passive negligence by the Additional Insureds.

8. It is hereby agreed that the laws of the State of California shall apply to and govern the validity, construction, interpretation, and enforcement of this contract of insurance.

9. All notices given hereunder shall be sent to City at:

City Clerk
City of Norwalk
City Hall
12700 Norwalk Boulevard
Norwalk, CA 90650

10. Except as stated above nothing contained herein shall be held to waive, alter or extend any of the limits, agreements, or exclusions of the policy to which this certification is attached.

TYPE OF COVERAGES TO WHICH THIS CERTIFICATION ATTACHES	POLICY PERIOD FROM/TO	LIMITS OF LIABILITY

□ Following Form
□ Umbrella Liability
□ _____

11. Applicable underlying coverages:

INSURANCE COMPANY	POLICY NUMBER	AMOUNT

12. The following inclusions, exclusions, extensions or specific provisions relate to the above coverages:

13. A □ deductible or □ self-insured retention *(check one)* of $_____ _____ applies to all coverage(s) except: _____ _____ *(if none, so state)*. The deductible is applicable □ per claim or □ per occurrence *(check one)*.

14. This is an □ occurrence or □ claims made policy *(check one)*.

15. I, _____ *(print name)*, hereby declare under penalty of perjury under the laws of the State of California, that I have the authority to sign this certification and that by my execution hereof.

Executed _____, 20____

_____
Signature of Authorized Representative
(Original signature only; no facsimile signature or initialed signature accepted)

Telephone No.: (_____) _____

GENERAL PROVISIONS

Add the following Section:

SECTION 0. GENERAL PROVISIONS DEFINED

0-1 STANDARD SPECIFICATIONS

The 2024 edition (or latest edition) of "Standard Specifications for Public Works Construction" ("SSPWC" or "GREENBOOK"), as amended by the Contract Documents, is incorporated into the Contract Documents by this reference. The Work described herein shall be done in accordance with the provisions of the Standard Specifications, as amended by the Contract Documents.

0-2 NUMBERING OF SECTIONS

The number of sections and subsections in these General Provisions are compatible with the numbering in the Greenbook.

0-3 SUPPLEMENTATION OF STANDARD SPECIFICATIONS

The Sections that follow supplement, but do not replace, the corresponding provisions in Part 1 (General Provisions) of the Standard Specifications, except as otherwise indicated herein. In the event of any conflict between the Standard Specifications and these General Provisions, these General Provisions shall control.

0-4 CONTRADICTIONS BETWEEN PLANS, SPECIFICATIONS, OR OTHER REFERENCES

Any contradictions found in the plans, specifications, project documents, or other references shall be brought to the attention of the City.

If the Contractor discovers any discrepancy, omission, ambiguity, or conflict in the Contract Documents, the Contractor shall promptly notify the City in writing (RFI). Pending the City's written interpretation, the Contractor shall proceed with the most stringent applicable requirement only to the extent necessary to maintain safety and progress, and shall not proceed with affected permanent Work if doing so could require removal/rework. The City will issue written direction, which shall govern.

SECTION 1. GENERAL, TERMS, DEFINITIONS, ABBREVIATIONS, UNITS OF MEASURE, AND SYMBOLS

1-2 TERMS AND DEFINITIONS

Whenever in the Standard Specifications or in the Contract Documents the following terms are used, they shall be understood to mean the following:

Agency – The City of Norwalk, California.

Board – The City Council of the City of Norwalk.

Contract Documents – As defined in Standard Specifications Section 1-2, but also including these General Provisions.

Engineer – The City Engineer or his/her designee, acting either directly or through properly authorized agents. Such agents shall act within the scope of the particular duties entrusted to them.

Inspector – An authorized representative of the City, assigned by the City to make inspections of Work performed by or materials supplied by the Contractor.

Laboratory – A laboratory authorized by the City to test materials and Work involved in the Contract.

Latest Edition – The most recent, current, or newest version of a published reference in place at the time of bid.

Notice of Completion – The notice authorized by Civil Code Section 9204.

Notice to Proceed 1 (NTP1): Authorizes pre-construction activities (baseline schedule and phasing map submittals, permits, traffic control plan development, procurement) but does not authorize physical construction in the field unless expressly stated.

Notice to Proceed 2 (NTP2): Authorizes commencement of field construction.

Submittal – Any drawing, calculation, specification, product data, samples, manuals, requests for substitutes, spare parts, photographs, survey data, traffic control plans, record drawings, Bonds or similar items required to be submitted to the City under the terms of the Contract.

1-3.3 Institutions

The institutions listed in Section 1-3.3 of Part 1 of the Standard Specifications shall be supplemented by the list below:

Abbreviation	Word or Words
AAN	American Association of Nurserymen
ACI	American Concrete Institute
AGCA	Associated General Contractors of America
ANSI	American National Standards Institute
APWA	American Public Works Association
ASTM	American Society for Testing and Materials
CRSI	Concrete Reinforcing Steel Institute
CSI	Construction Specifications Institute
IAPMO	International Association of Plumbing and Mechanical Officials
NEC	National Electric Code
NFPA	National Fire Protection Association
SSS	State of California Standard Specifications, Latest edition, Department of Transportation
SSP	State of California Standard Plans, Latest edition, Department of Transportation

1-7.2 CONTRACT BONDS

This subsection shall be supplemented by the following:

The Faithful Performance Bond shall remain in force until the date of recordation of the Notice of Completion and the end of all warranty periods set forth in the Contract Documents. The Material and Labor Bond shall remain in force until expiration of the time within which the California Labor Commissioner may serve a civil wage and penalty assessment against the principal, any of its subcontractors, or both the principal and its subcontractors pursuant to Labor Code Section 1741, and until the expiration of the time within which a joint labor management committee may commence an action against the principal, any of its subcontractors, or both the principal and its subcontractors pursuant to Labor Code Section 1771.2.

All Bonds must be submitted using the required forms, which are in the Contract Documents, or on any other form approved by the City Attorney.

SECTION 2. SCOPE OF THE WORK

This subsection shall be supplemented by the following:

The Contractor shall perform, with its own organization (rather than with Subcontractors), Work amounting to at least fifty percent (50%) of the Contract Price.

The Contractor shall furnish and provide all supervision, labor, materials, equipment, tools, permits, layout, traffic control, protection, coordination, testing support, cleanup, documentation, and incidentals necessary to complete the Work in full compliance with the Contract Documents and applicable laws, whether or not each such item is expressly called out in an individual bid item or specification section. Any Scope of Work that is reasonably inferable from the Plans/Specifications and necessary for a complete, functional, and code-compliant installation shall be included in the Contract Price.

2.1 DURATION

Project Construction Window, Duration, and Milestones

Should the Contractor proceed with construction activities, Contractor assumes responsibility and that this work will be under question until written acceptance is provided by the City. If subject limits fail, Contractor will be responsible to reconstruct, repair and provide compensation for specialty material inspections at no additional cost to the City and subject to incur liquidated damages.

(Substantial Completion and Final Acceptance Requirements)

1. **Seasonal construction window.** Construction activities for this project shall be performed during the seasonal construction window of May 1 through September 1, unless otherwise authorized in writing by the City due to weather, material availability, or City operational constraints at no additional cost to the City and subject to incur liquidated damages.

2. **Milestone definitions.**

    - **Substantial Completion:** The Work is sufficiently complete for the City to use the project for its intended purpose, including continuous and safe public travel and access, with only minor punchlist items remaining that do not materially affect use, safety, or durability. The City will provide written acceptance for substantial

completion milestone.

- **Final Acceptance:** Completion of all contract work including punchlist corrections, final cleanup, final documentation/submittals, and any required final testing, and written acceptance by the City.

3. **Required milestone timing within the window.**

   - All pavement treatment placement (including HMA, grind & overlay, ARAM, slurry seal, and related surface applications) shall be completed no later than September 1 unless otherwise authorized in writing by the City.

   - Contractor shall achieve Substantial Completion no later than September 1, unless otherwise authorized in writing by the City.

   - Final Acceptance may occur after September 1, provided the roadway is open and safe for public use, and remaining items are limited to punchlist, final striping (if deferred by City direction), final cleanup, documentation, and other non-seasonal work acceptable to the City.

   - Permanent pavement marking/striping shall be completed by September 1 or within one (1) week after cat tracking, whichever is most restrictive.

4. **Baseline schedule and updates.**

   - Within 10 calendar days of Notice to Proceed 1, Contractor shall submit a baseline schedule showing major activities, sequencing/phasing, key constraints, and the planned dates for Substantial Completion and Final Acceptance for City review, acceptance, and approval. Contractor to use City template milestone schedule.

   - Contractor shall update progress weekly via the required weekly workplan and shall include a current three-week look-ahead.

   - Contractor to provide phasing schedule for the work zone. Phasing schedule shall be color-coded and indicate no construction activity on adjacent streets on the same day.

   - If the Contractor proceeds with construction activities, they assume responsibility and that this work will be under question until written acceptance is provided by the City. If subject limits fail, it will be the responsibility of the Contractor to repair and provide compensation for specialty material inspections.

5. **Weather and unsuitable conditions.**

   - Contractor shall not perform work when weather or surface conditions are unsuitable for the operation, including precipitation, wet pavement, visible moisture, or other conditions that could impair performance.

   - Weather delays do not justify proceeding under marginal conditions. Contractor shall protect partially completed work and maintain traffic control and access

during weather suspensions.

6. **Operational constraints.** Contractor shall plan and execute the Work consistent with operational limitations, including but not limited to:

    - No work on scheduled trash pickup days within affected street segments. Contractor shall verify the trash pick up schedule with City's contracted trash pick up company, Athens Services, at 626-625-8043.

    - No work when schools serving the area are open or in session, unless authorized in writing by the City.

    - No work when street sweeping is scheduled. Contractor shall verify the trash pick up schedule with City.

    - No work shall be performed on adjacent or connecting street segments concurrently. The Contractor shall sequence operations such that only one street segment within a connected neighborhood area is under construction at any given time. For the purposes of this section, adjacent or connecting streets include any streets that intersect, provide primary access, or serve as alternate circulation routes for the same residential area. The Contractor shall submit a detailed phasing and sequencing plan demonstrating compliance with this requirement for City review and approval prior to commencing Work. Any deviation from the approved sequence shall require prior written authorization from the City.

    - City-directed restrictions on lane closure hours, noise, access, emergency routes, and special events.

7. **Out-of-window work and recovery planning.**

    - If Contractor anticipates that pavement treatment placement or Substantial Completion will extend beyond September 1, Contractor shall notify the City immediately and submit a written recovery plan to include but not limited to added crews, resequencing, extended hours where allowed, additional equipment, revised phasing for City review at no additional cost to the City and subject to incur liquidated damages.

    - Any authorization for work outside the May–September window is at the City's discretion and does not relieve Contractor of compliance with all specifications (including temperature, curing/protection, and acceptance criteria).

8. **Contractor responsibility.** The seasonal construction window is established to promote quality results and minimize public impacts. Contractor remains responsible for means, methods, staffing, equipment, and sequencing necessary to meet the required milestones. Delays attributable to Contractor coordination, staffing, equipment, subcontractors, procurement, or planning shall not be cause for extending the construction window.

2.2 PERMITS

This subsection shall be supplemented by the following:

Before starting any construction work, the Contractor will be required to obtain all necessary permits from the City, which may include obtaining a no fee encroachment permit for Work within the public right-of-way, as well as all other permits required from all other agencies. Should this Project require construction of trenches or excavations which are five (5) feet or deeper and into which a person is required to descend, the Contractor shall obtain a Cal/OSHA permit and furnish the City with a copy before Work can commence on this Project. Contractor shall bear all cost for fees for all agencies except for the City's permit fees.

2.2.1 Encroachment Permit

1. **General.** Coordination

2. **General.** The Contractor shall obtain and maintain all permits approvals, and authorizations required to perform the work within the public right-of-way and on property under the jurisdiction of the City of Norwalk, adjacent cities, and all other agencies having jurisdiction (AHJs), including but not limited to county, flood control, railroad, utility owners, transit agencies, and special districts, as applicable. Permit requirements apply to all work activities as applicable including traffic control, lane closures, detours, lane closures, detours, material staging, excavation, paving, striping, utility adjustments, and restoration.

3. **Permit responsibility.**

    - Permits are the Contractor's responsibility as part of the Contractor's means and methods unless expressly stated otherwise in the Contractor's responsibility as part of the Contractor's Contract Documents.

    - The Contractor shall coordinate directly with each AHJ to determine means and methods unless expressly stated otherwise in the Contract Documents.

    - The Contractor shall coordinate directly with each AHJ to determine permit requirements, processing times, submittal permit requirements, submittal content, inspection requirements, work hour restrictions, content, restoration standards, and notification obligations.

    - The Contractor shall comply with all permit conditions, including agency-specific standards, work windows, and inspection hold points. Failure to obtain or comply with required permits shall not relieve the Contractor of responsibility for completion, quality, or safety of the Work.

4. **City of Norwalk encroachment permits.** Encroachment permits issued by the City of Norwalk for work within the City of Norwalk right-of-way work shall be a no-fee permit. All other requirements of the City of Norwalk encroachment permit process (including submittals, insurance, bonding, traffic control requirements, and inspections) remain applicable.

    - Encroachment permits in other jurisdictions. For work within right-of-way under the jurisdiction of agencies other than the City of Norwalk, the Contractor shall be responsible for obtaining all required encroachment permits and complying with all applicable requirements of the respective agency.

5. **Permit submittal timing and integration with schedule.**

- Within 10 calendar days of Notice to Proceed (or as otherwise directed by the City), Contractor shall submit to the City a Permit Matrix identifying all anticipated permits and approvals, including: issuing agency, permit type, affected locations/limits, required submittals (Temporary Traffic Control plans, schedules, drawings), lead times/processing durations, fees (if any), inspection requirements, inspection requirements, and planned submittal dates.

- Contractor shall submit complete permit applications early enough to support the approved project schedule and seasonal construction window, including all required traffic control plans and supporting documentation.

- Contractor shall not begin work in any jurisdiction or right-of-way segment until all required permits and approvals for that segment are obtained and in effect.

6. **Weekly workplan requirements.** The Contractor's weekly workplan shall include, at a minimum:

   - A list of permits;

   - A list of permits/approvals required for the week's operations by segment and activity;

   - Permit numbers, status (submitted / in review / approved / issued / conditions);

   - Agency-required work hours, inspection requirements, and special conditions;

   - Any required public notifications or agency notifications tied to permitted work;

   - Identification of any permit-related constraints that could impact the planned schedule. Workplan submittals that do not demonstrate permit readiness for the planned work may be rejected and revised at no additional cost.

7. **Coordination, meetings, and inspections.**

   - Contractor shall attend permit coordination meetings as required by the City and/or issuing agencies as required by the City and/or issuing agencies.

   - Contractor shall schedule and coordinate all required inspections with each AHJ.

   - Contractor shall schedule and coordinate all required inspections with each AHJ and provide required notice periods.

   - Contractor shall maintain copies of active permits and approved traffic control plans on site and available at all times.

8. **Changes and additional requirements.** If any AHJ imposes additional requirements (restoration thickness, material type, striping, hours, detour routes, traffic control revisions, etc.), the Contractor shall promptly notify the City and incorporate the requirements into the schedule and weekly workplans. Unless the Contract Documents state otherwise, compliance with permit conditions is included in the Contract Price.

9. **Non-compliance.** Work performed without required encroachment permits or in violation

of permit conditions may be stopped by the City or AHJ. Contractor shall promptly correct non-compliant work, restore affected facilities, and obtain required approvals at no additional cost to the City.

2-3 RIGHT-OF-WAY

Add the following subsections:

2-3.1 ALLOTED WORKING SPACE

The City will make available the working limits shown in the Plans and/or identified by the City. The Contractor may stage equipment and materials only within areas approved by the City and only in a manner that maintains required access, traffic control, and safety. Storage is prohibited in traveled ways, sidewalks, driveways, and other areas not expressly approved. The Contractor shall keep the site free of debris and shall remove waste and removed materials daily unless otherwise approved in writing.

It shall be the responsibility of the Contractor to provide adequate fencing, security of the yard and equipment to the City Engineer or his/her designee's acceptance, and to restore the assigned area to its original, pre-use condition, or better, to the acceptance of the City.

2-3.2 ACCESS TO PRIVATE PROPERTY

Unless otherwise stated in the Special Provisions, access to private property required for the Work shall be coordinated through the City. The Contractor shall not independently contact or seek authorization from property owners.

Prior to accessing any private property, the Contractor shall coordinate with the City Engineer or the City Engineer's designee. The City will obtain the necessary Right-of-Entry approvals from the property owner.

The Contractor shall obtain a copy of the approved Right-of-Entry from the City Engineer prior to performing any work on private property. No work shall proceed on private property without written authorization from the City.

2.4 COOPERATION AND COLLATERAL WORK

This subsection shall be supplemented by the following:

The Contractor shall be responsible for coordinating all Work with the City's street sweeping, trash pick-up, and street maintenance contractors, emergency services departments, utility companies' crews, and others when necessary. Contractor shall cooperate fully with their operations to avoid conflicts and to facilitate progress of each other's work. Payment for conforming to these requirements shall be included in other items of Work, and no additional payment shall be made thereof.

2-5 HAUL ROUTES

Subsection 2-5.4 of Part 1 of the Standard Specifications shall be deleted and replaced as follows:

The Contractor must obtain the City Engineer or his/her designee's approval before using any haul routes. Further detailed requirements for haul traffic are

delineated in the Special Provisions. Hauling routes shall be submitted to City Engineer as part of Traffic Control plan submittal.

2-7 CHANGES INITIATED BY THE AGENCY

2-7.1 GENERAL.

This subsection shall be supplemented by the following:

The City reserves the right, without notice to the Surety, to increase or decrease the quantity of any item or portion of the Work described in the Contract Documents or to alter or omit portions of the Work so described, as may be deemed necessary or expedient by the City Engineer or his/her designee or his/her designee, without in any way making the Contract void. Such increases, alterations or decreases of Work shall be considered and treated as though originally contracted for, and shall be subject to all the terms, conditions and provisions of the original Contract. The Contractor shall not claim or bring suit for damages, whether for loss of profits or otherwise, on account of any decrease, alteration or omission of any kind of Work to be done.

The City Engineer and his/her designee may at any time, as the need arises, order changes within the scope of the Work without invalidating the Agreement. If such changes increase or decrease the Contract Price, or the Contract Time, an equitable adjustment will be authorized by issuance of a Change Order. The Contractor shall not execute such changes pending the receipt of an executed Change Order or further instructions from the City Engineer and his/her designee.

Each Change Order shall not be considered approved until executed by the Agency.

The Engineer may, at any time, request changes to the Plans, Specifications, quantities of Contract Unit Price Bid items, and other details of the Work by issuance of a Field Order. The Contractor shall proceed with the performance of any changes in the Work so ordered by the City Engineer and his/her designee unless the Contractor believes that such Field Order entitles it to a change in the Contract Time. Thereafter the Contractor shall submit the basis for a change in the Contract Time within five (5) days.

The City Engineer and his/her designee has authority to order changes in the work, that do not result in a change in the Contract Price or the Contract Time and are not inconsistent with the Contract Documents. The Contractor agrees that such changes are within the scope of the Work and do not constitute the basis for an adjustment of either the Contract Price or the Contract Time.

Add the following subsection(s):

2-7.2 Balancing Change Order

Throughout the duration of the Contract, the Contractor shall perform field measurements and associated calculations documenting the quantity of each Contract Unit Price Bid item. The Contractor shall submit the documentation to the City Engineer and his/her designee each month prior to the date for request of the progress payment. The City Engineer and his/her designee will independently measure and calculate the aforementioned quantities. In the case of a difference in the quantities, the quantity calculated by the City Engineer and his/her designee will prevail.

Upon completion of the Work per project plans and specifications, the Contractor and the City Engineer and his/her designee will meet to discuss the final quantities of each Contract Unit Price Bid item. If the quantity of each item cannot be agreed upon, the quantity determined by the City

Engineer and his/her designee will prevail.

After determination of the final quantities, the Agency will issue a Balancing Change Order for the difference between the Bid quantity and final quantity of each Contract Unit Price Bid item constructed in accordance with the Contract Documents and the associated adjustment in the Contract Price.

2-7.3 Surety Notification

The Contractor shall notify its sureties of any Change Orders affecting the scope of the Work or change in the Contract Price, or Contract Time, or a combination thereof. The amount of the applicable Bonds and insurance coverage shall be adjusted accordingly. The Contractor shall furnish proof of such adjustments to the City Engineer and his/her designee.

2-8 EXTRA WORK

This subsection shall be supplemented by the following:

New and unforeseen work will be classified as Extra Work only when the Work is not covered and cannot be paid for under any of the various items or combination of items for which a Bid price appears on the Bid. The Contractor shall not do any Extra Work except upon written order from the City Engineer or his/her designee.

Add the following subsections:

2-8.1 MARKUP

The following percentages shall be added to the Contractor's costs and shall constitute the markup for all overhead and profits:.

- Labor 20%
- Materials 15%
- Equipment Rental 15%
- Other Items and Expenditures 15%

To the sum of the costs and markups provided for in this subsection, one (1) percent shall be added as compensation for bonding.

2-8.1.1 WORK BY SUBCONTRACTOR

A markup of five (5) percent of the subcontracted portion of the extra work may be added to the sum of the Subcontractor's costs and markup and shall constitute the markup for all overhead and profit for the Contractor on Extra Work done by the Subcontractor.

The markups mentioned hereinafter shall include, but are not limited to, all costs for the services of superintendents, project managers, timekeepers and other personnel not working directly on the change order, and pickup or yard trucks used by the above personnel, and other vehicles and/or equipment present at the job site but not directly used in actual construction activities.

Incidental movements of labor, materials, supplies or equipment shall not be considered as use in actual construction activities. These costs shall not be reported as labor or equipment elsewhere, except when actually performing work directly on the change order and then shall only be reported at the labor classification of the work performed.

2-9 CHANGED CONDITIONS (NOT USED)

Changed conditions shall follow Greenbook Sections, 2-8, 2-9, 2-10. 3-9, and 6-4.

2-10 DISPUTED WORK

Add the following subsections:

2-10.1 CLAIM DISPUTE RESOLUTION

In the event of any dispute or controversy with the City over any matter whatsoever, the Contractor shall not cause any delay or cessation in or of work, but shall proceed with the performance of the Work in dispute. The Contractor shall retain any and all rights provided that pertain to the resolution of disputes and protests between the parties. The Disputed Work will be categorized as an “unresolved dispute” and payment, if any, shall be as later determined by mutual agreement or a court of law. The Contractor shall keep accurate, detailed records of all Disputed Work, claims and other disputed matters.

All claims arising out of or related to the Contract Documents or this Project, and the consideration and payment of such claims, are subject to the Government Claims Act (Government Code Section 810 et seq.) with regard to filing claims. All such claims are also subject to Public Contract Code Section 9204 and Public Contract Code Section 20104 et seq. (Article 1.5), where applicable. This Contract hereby incorporates those provisions as through fully set forth herein. Thus, the Contractor or any Subcontractor must file a claim in accordance with the Government Claims Act as a prerequisite to filing a construction claim in compliance with Section 9204 and Article 1.5 (if applicable), and must then adhere to Section 9204 and Article 1.5 (as applicable), pursuant to the definition of “claim” as individually defined therein.

2-10.2 THIRD PARTY CLAIMS

The City shall have full authority to compromise or otherwise settle any claim relating to the Project at any time. The City shall timely notify the Contractor of the receipt of any third-party claim relating to the Project. The City shall be entitled to recover its reasonable costs incurred in providing this notice.

SECTION 3. CONTROL OF THE WORK

3-1 ASSIGNMENT

This subsection shall be supplemented by the following paragraphs:

Any purported assignment without written consent of the City shall be null, void, and of no effect, and the Contractor shall hold harmless, defend and indemnify the City and its officers, officials, employees, agents and representatives with respect to any claim, demand or action arising from or relating to any unauthorized assignment.

If the City opts to consent to assignment, the City's consent shall be contingent upon: (1) a letter from the Surety agreeing to the assignment and assigning all of the Bonds to the assignee without any reduction, or the assignee supplying all new Bonds in the amounts originally required under the Contract Documents; and (2) the assignee supplying all of the required insurance in the amounts required in the Contract Documents. Until the Surety assigns all of the Bonds or the assignee supplies all of the new Bonds, and until the assignee supplies all of the required insurance, an assignment otherwise consented to in writing by the City shall not be effective. Even if the City consents to assignment, no assignment shall relieve the Contractor of liability under the Contract.

3-4 REFERENCES

The following standards apply to all work:

A. Standard Specifications for Public Works Construction (SSPWC), latest edition.
B. California Department of Transportation (Caltrans), Standard Specifications, latest edition.
C. California Department of Transportation (Caltrans), Manual on Uniform Traffic Control Devices for Streets and Highways, latest edition
D. City of Norwalk Standards, latest edition.

Should there be any conflict between references above or the specifications herein, the stricter shall apply.

3-5 INSPECTION

This subsection shall be supplemented by the following:

All materials furnished and all work performed under the Contract shall be subject to review and inspection by the City Engineer or his/her designee. Such review may include mill, plant, shop, nursery, contractor's yard or field inspection as required.

3-6 THE CONTRACTOR'S REPRESENTATIVE

This subsection shall be supplemented by the following:

At the time of the Pre-Construction meeting, the Contractor shall furnish a written list of their personnel who are authorized to sign work orders. There shall be at all times Contractor's personnel on the job who have the authority to sign work orders.

The City reserves the right, at its sole discretion, to require the Contractor to replace project management or field supervisory staff due to unsatisfactory performance, failure to comply with contract requirements, lack of cooperation with City staff, safety concerns, or any other conduct determined by the City to be detrimental to the successful completion of the Project. Removal of management and supervisory staff shall require City approval.

Contractor shall submit resume of project manager prior to the first project coordination meeting for review and approval by the City. Upon review of the project manager, City will provide written approval. Project manager shall have a minimum of 10 years of relevant experience and have managed a minimum of 10 similar projects. Upon City approval of project manager, said project manager shall remain on the project for the full duration of the project. Should the Contractor or City deem it necessary to replace the project manager, a new project manager with similar

qualifications shall be appointed by the Contractor with the review and written approval by the City.

3-7 CONTRACT DOCUMENTS

3-7.1 General

This subsection shall be supplemented by the following:

In addition to the requirements under Section 3-7.1 in the Standard Specifications, the Contractor shall maintain a control set of Plans and Specifications on the Project site at all times. All final locations determined in the field, and any deviations from the Plans and Specifications, shall be marked in red on the control set to show the as-built conditions. This control set of Plans shall also be edited for all Addenda, Requests for Information, Change Orders, field changes not involving cost, and any other variation that occurred during construction. Upon completion of all Work, the Contractor shall return the control set to the City Engineer or his/her designee. Final payment will not be made until this requirement is met.

Where a work feature is shown on the drawings or identified in the Specifications but is not specifically indicated as an item in the Bid sheets, and there is no ambiguity regarding the requirement to construct, install, or construct and install that work feature, the Contractor is required to complete the work feature. All costs to the Contractor for constructing, installing, or both constructing and installing such a work feature shall be included in the Bid.

The Contractor shall examine and compare the Contract Documents with each other and with the other information made available to the Contractor by the Agency and shall immediately notify the Engineer of any errors, inconsistencies, or omissions discovered. If the Contractor performs any construction activity knowing it involves a recognized error, inconsistency, or omission in the Contract Documents without notice to the City Engineer and his/her designee, the Contractor shall assume responsibility for such performance and for the full costs for correction.

The Contractor shall perform field measurements, verify field conditions, and shall carefully compare such field measurements and conditions and other information known to the Contractor with the Contract Documents before commencing activities. Errors, inconsistencies, or omissions discovered shall be reported to the City Engineer and his/her designee immediately.

If discrepancies are discovered between the drawings and specifications, and no specific interpretation is issued prior to bidding, the decision regarding this interpretation shall rest with the Agency. The Contractor shall be compelled to act on the Agency decision as directed. In the event the installation is not in compliance with the direction of the Agency, the installation shall be corrected by and at the expense of the Contractor at no additional cost to the Agency.

3-7.2 Precedence of the Contract Documents

This subsection shall be supplemented by the following:

The Notice Inviting Bids, Instructions to Bidders, and Bid forms are included for procurement and administrative purposes. After Contract execution, they apply only to the extent they (a) impose obligations that clearly survive award and (b) do not conflict with the Contract/Agreement, General Provisions, Special Provisions, Plans, and Specifications.

With regard to Section 3-7.2 in the Standard Specifications, the General Provisions shall control over the Special Provisions, and the Notice Inviting Bids and Instructions to Bidders (in that order)

shall control over the Bid, such that the order of precedence shall be as follows from highest to lowest:

1. Permits issued by regulatory agencies with jurisdiction.
2. Change Orders and Supplemental Agreements, whichever occurs last.
3. Contract/Agreement.
4. Addenda.
5. Notice Inviting Bids.
6. Instructions to Bidders.
7. Bid/Proposal.
8. General Provisions.
9. Special Provisions.
10. City Engineer Conformed Plans.
11. Standard Plans.
12. Standard Specifications.
13. Reference Specifications.

Contractor shall submit a pre-bid RFI if there is any conflict.

3-8 SUBMITTALS

3-8.1 General

This subsection shall be supplemented by the following:

Within ten (10) days after issuance of Notice to Proceed 1 (unless otherwise specified in the Contract Documents), the Contractor will prepare and deliver a Schedule of Submittals to the City that has been fully integrated with the progress schedule and identifies each submittal required by the Contract Documents as well as the date on which Contractor will deliver each submittal to the City.

Submittal Procedure

1. Contractor will follow the following procedure for each submittal, shop drawing and sample required by the Contract Documents:

   A. Submittals shall be transmitted electronically with a cover page providing following information:

      1. Project name and number
      2. Submittal number (unique and sequential), if the submittal is revised, include the revision number
      3. Specification section and paragraph reference
      4. Description of item being submitted
      5. Contractor's review and approval stamp, certifying compliance with Contract requirements
      6. Date of submission
      7. Space for Engineer's action (Approved, Approved as Noted, Revise and Resubmit, or Rejected)

      Each submittal shall be transmitted as a separate, standalone submission. Multiple items shall not be combined into a single submittal.

Each submittal shall be sent under a separate email. The email subject line shall clearly identify the submittal using the following format: Project Name – Submittal No. [XXX] – Revision [X] – [Description of Item]

B. Transmittals will be sequentially numbered. The Contractor to mark revised submittals with original number and sequential alphabetic suffix.

C. Each submittal will identify the Project, Contractor, Subcontractor and Supplier, pertinent drawing and detail number, and Specification Section number appropriate to submittal.

D. By transmitting a submittal, the Contractor certifies it has reviewed and approved each submittal, verified products required, field dimensions, adjacent construction Work, and that coordination of information is according to requirements of the Work and Contract Documents.

E. Identify variations in Contract Documents and product or system limitations that may differ and/or be detrimental to successful performance of completed Work.

F. When submittal is revised for resubmission, the Contractor shall promptly address the City's comments and resubmit. The Contractor shall identify changes made since previous submission.

G. The City's review of shop drawings shall not relieve the Contractor from responsibility for deviations from the Contract Documents unless the Contractor has, in writing, called the City's attention to such deviations at time of submission and the City has taken no exception to the deviation. The City's review of shop drawings shall not relieve the Contractor from responsibility for errors in shop drawings.

H. Submittals not required by the Contract Documents or requested by the City will not be acknowledged or processed.

I. Incomplete submittals will not be reviewed by the City. Delays resulting from incomplete submittals are not the responsibility of the City.

J. The Contractor shall not be entitled to any extension of the Contract times as a result of the submittal process.

K. The Contractor shall allow a minimum of 20 working days for review of submittals unless otherwise specified in the Contract Documents.

2. Where a submittal, shop drawing or sample is required by the Contract Documents or the Schedule of Submittals, any related Work performed prior to the City review and approval of the pertinent submittal will be performed at the sole risk and expense and responsibility of Contractor.

3. A Certificate of Compliance shall be furnished to the Engineer prior to the use of any material or assembled material for which these Specifications require or if required by the Engineer.

4. Copies of mill certificates of composition and quality of all component materials

(reinforcing steel, structural steel, lumber, etc.) incorporated in the construction of the Work shall be provided to the City at the time of delivery. The City shall retain the right to reject any raw material not provided with a mill certificate at the time of delivery.

Schedule Milestones for Submittals

The Contractor must submit all submittals required by the Contract Documents in accordance with the Schedule of Submittals. If the Contractor fails to submit the submittals in accordance with the Schedule of Submittals, the Contractor will be solely liable for any delays or impacts caused by the delayed submittal, whether direct or indirect. The Contractor will be liable for the time calculated from the date the submittal is due until the date a compliant submittal is made. A compliant submittal will be one that is complete and satisfies the requirements of the Contract Documents.

3-8.3 Shop Drawings

This subsection shall be supplemented by the following**:**

1. Data shown on the shop drawings will be complete with respect to quantities, dimensions, specified performance and design criteria, materials, and similar data to show the City the services, materials, and equipment Contractor proposes to provide and to enable the City to review the information for assessing conformance with information given and design concept expressed in Contract Documents.

2. When required by individual specification sections, provide shop drawings signed and sealed by a professional engineer responsible for designing components shown on shop drawings. Shop drawings must include signed and sealed calculations to support design in a form suitable for submission to and approval by authorities having jurisdiction.

3. Shop drawings for steel structures shall consist of shop details, erection and other working drawings showing details, dimensions, sizes of members and other information necessary for the complete fabrication and erection of the metal work.

4. Shop drawings of concrete structures shall consist of such detailed drawings as may reasonably be required for the successful prosecution of the Work and which are not included in the drawings furnished by the Engineer. These may include drawings for false work, bracing, centering and form work, masonry layout diagrams, and diagrams for bent reinforcement.

5. The Contractor shall make revisions and provide additional information when required by authorities having jurisdiction.

Shop Drawings Submittal Procedure

1. Before submitting each shop drawing, the Contractor shall have:

   A. Reviewed and coordinated each shop drawing with other shop drawings and with the requirements of the Work and the Contract Documents;

B. Determined and verified all field measurements, quantities, dimensions, specified performance and design criteria, installation requirements, materials, catalog numbers, and similar information with respect thereto;

C. Determined and verified the suitability of all materials offered with respect to the indicated application, fabrication, shipping, handling, storage, assembly, and installation pertaining to the performance of the Work; and

D. Determined and verified all information relative to Contractor's responsibilities for means, methods, techniques, sequences, and procedures of construction, and safety precautions and programs incident thereto.

2. With each shop drawing, the Contractor shall give the City specific written notice of any variations that the shop drawing may have from the requirements of the Contract Documents. This notice shall be both written communication separate from the shop drawings submittal and a specific notation made on each shop drawing submitted to the City for review and approval of each such variation.

Add the following subsections:

3-8.7 Samples

Clearly identify each sample as to material, supplier, pertinent data such as catalog numbers, the use for which intended and other data as required to enable the City to review the submittal for assessing conformance with information given and design concept expressed in Contract Documents. Samples should be of appropriate size and detail to assess functional, aesthetic, color, texture, patterns and finish selection.

3-9 SUBSURFACE DATA

This subsection shall be supplemented by the following paragraphs:

If the City or its consultants have made investigations of subsurface conditions in areas where the Work is to be performed, such investigations shall be deemed made only for the purpose of study and design. If a geotechnical or other report has been prepared for the Project, the Contractor may inspect the records pertaining to such investigations subject to and upon the conditions hereinafter set forth. The inspection of the records shall be made in the office of the City Engineer or his/her designee. It is the Contractor's sole responsibility to determine whether such investigations exist, and the City makes no affirmative or negative representation concerning the existence of such investigations.

The records of any such investigations are made available solely for the convenience of the Contractor. It is expressly understood and agreed that the City, the City Engineer or his/her designee, their agents, consultants or employees assume no responsibility whatsoever with respect to the sufficiency or accuracy of any investigations, the records thereof, and the interpretations set forth therein. No warranty or guarantee is expressed or implied that the conditions indicated by any such investigations or records are representative of those existing in the Project area. The Contractor agrees to make such independent investigations and examination as necessary to be satisfied of the conditions to be encountered in the performance of the Work.

The Contractor represents that it has studied the Plans, Specifications and other Contract Documents, and all surveys and investigation reports of subsurface and latent physical conditions, has made such additional surveys and investigations as necessary for the performance of the Work at the Contract Price in accordance with the requirements of the Contract Documents, and that it has correlated the results of all such data with the requirements of the Contract Documents. No claim of any kind shall be made or allowed for any error, omission or claimed error or omission, in whole or in part, of any geotechnical exploration or any other report or data furnished or not furnished by the City.

Macadam and petromat are known to exist within the City of Norwalk. No additional payment will be made for the removal, hauling, and disposal of Macadam and petromat. If the Macadam base is disturbed during the construction, the Contractor shall replace the full depth section of the compromised road sections and the area shall be determined by City Engineer or his/her designee at no additional cost to the City.

3-10 SURVEYING

3-10.1 General

The Contractor shall furnish all surveying, layout, and monument preservation necessary to complete the work, except as otherwise specified. The Contractor shall verify all dimensions and control shown on the plans and shall notify the City in writing of any discrepancy, ambiguity, or conflict before proceeding with affected work. Proceeding with work constitutes acceptance of the field conditions and layout for that portion of the work.

All surveying and monument work shall be performed by or under the responsible charge of a Professional Land Surveyor (PLS) currently licensed in the State of California, or a California-registered Civil Engineer authorized to practice land surveying. Surveying shall conform to the Professional Land Surveyors' Act (California Business and Professions Code (BPC) §8700 et seq.) and applicable local agency requirements.

Unless otherwise directed in writing by the City, all work shall be constructed to match existing street alignments and grades shown on the plans or established in the field. The Contractor is solely responsible for establishing and maintaining horizontal and vertical control and providing layout for all items requiring line, grade, or alignment at intervals consistent with standard practice.

Unless a separate bid item is provided, all costs for surveying, staking, re-staking, monument preservation, monument reset, documentation, coordination, permits, and required filings and fees are included in the Contract Price. Re-staking and replacement of construction survey markers damaged due to the work, vandalism, accident, or weather is at the Contractor's expense.

3-10.2 Standards and Minimum Requirements

At a minimum, comply with the following, as applicable to the Work:

Comply with, at a minimum:

- California Professional Land Surveyors' Act / Business & Professions Code (BPC) requirements for monument perpetuation and filings, including BPC §8771 (monument referencing and perpetuation) and related filing requirements.

- Record of Survey filing triggers and timelines under BPC §8762, including the mandatory filing conditions and the 90-day filing requirement.
- Corner Record requirements and format under BPC §8773 and §8773.1 and the Board's prescribed form requirements (Title 16 CCR §464).
- Los Angeles County Code, Title 21, Chapter 21.20, including applicable checking/processing fees for Records of Survey.
- Caltrans and SSPWC (Greenbook) surveying/monument preservation practices to the extent applicable to the work (staking, layout, verification, and protection/re-establishment of survey control/monuments).

The Contractor is responsible for all preparation, inventory, field work, office processing, monument preservation measures, agency coordination, checking/processing, and all filing fees and charges necessary to comply with the requirements of this Section, unless a separate bid item is provided.

3-10.3 Construction Staking

The Contractor shall provide construction staking and layout for all work, including establishment of lines, grades, offsets, and reference points necessary for construction and inspection. Construction staking shall be performed by or under the responsible charge of the licensed survey professional identified in Section 3-10.1. Staking shall be set sufficiently in advance of construction operations to avoid delays and to allow City verification, and shall meet the timing requirements below.

- **Timing.** Provide a staking/look-ahead plan as part of the weekly schedule and set stakes/marks for each feature no less than two (2) working days before beginning the related construction in that area (including excavation, forming, concrete placement, paving, or grading). When the City requests verification, provide a minimum one (1) working day notice before covering, pouring, paving, or otherwise making the staked work inaccessible. Replace disturbed or destroyed stakes/marks within one (1) Working Day of discovery and before continuing affected work.
- **Control and verification.** Verify project horizontal and vertical control prior to staking. Immediately notify the City in writing of any discrepancy before proceeding with affected work.
- **Items to be staked.** Stake, mark, and/or otherwise lay out, as applicable, centerline and offsets; curb and gutter; sidewalk and driveways; curb ramps and detectable warning surfaces; pavement structural section limits and grade; milling/grinding limits; utility appurtenances and adjustments; striping and markings layout control; and any other features shown on the plans requiring line and grade.
- **Cut/fill information.** Provide cut sheets or stakes with clearly legible station/offset and cut/fill information sufficient for the City to review construction elevations. Provide updated cut sheets when grades change by approved field adjustment.
- **Preservation and replacement.** Protect stakes and marks. Replace stakes/marks that are disturbed, destroyed, or become unreadable at the Contractor's expense, including

those affected by the Contractor's operations, traffic control operations, weather, vandalism, or construction traffic.

- **Coordination.** Coordinate staking with the City. When requested, provide staking checks and additional layout to support verification of line and grade. Do not cover or obscure reference marks needed for verification until released by the City.

- **Tolerances.** Construct to the tolerances specified elsewhere in the contract documents. Where tolerances are not specified for a given feature, construct to industry standard tolerances appropriate for public street improvements and as necessary to achieve positive drainage and ADA-compliant slopes.

3-10.4 Additional Survey and Monument Preservation Requirements

This subsection specifies submittals, sequencing constraints, and monument perpetuation requirements in addition to Sections 3-10.1 through 3-10.3. No operation that could disturb monuments (including grinding, milling, paving, curb ramp work, sawcutting, excavation, striping layout, or utility adjustments) shall begin until the applicable pre-construction requirements below are complete and approved in writing by the City.

3-10.4.1 Prior to Construction

1. **Records research and field search.** Before any activity that could disturb monuments, perform records research and a diligent field search for survey monuments and control within and adjacent to the project limits that could be affected by the work.

2. **Monument Inventory and Preservation Plan submittal.** At least ten (10) working days before starting any work that could disturb monuments, submit a Monument Inventory and Preservation Plan for the area(s) to be disturbed. Do not begin disturbance work in any area until the City has reviewed the submittal and provided written authorization to proceed for that area. The submittal shall include, at a minimum, monument type; record reference(s); found/not found status; condition and cap/tag markings; location description (station/offset or ties); photographs of each found monument/control point; and the proposed preservation method (protect-in-place, reference/witness, or remove-and-reset when required and approved).

3. **Search methods.** Use appropriate methods (including a metal detector and/or careful exposure by hand tools) to locate record monuments not visible at the surface. Do not disturb the monument more than necessary to positively identify and reference it.

4. **Required referencing (pre-ties).** Before a monument or control point is disturbed, covered, or made inaccessible, reference it to stable points sufficient to perpetuate and reestablish its position. When monuments provide control of streets/highways or provide horizontal/vertical control, reference them prior to improvement, reconstruction, maintenance, resurfacing, or relocation of the right-of-way.

5. **Pre-construction deliverables.** Provide the City copies of pre-tie notes/cut-sheets, tie sheets, and/or coordinate-based ties adequate to reestablish monuments if disturbed, no later than five (5) working days after completion of the pre-ties for each area and before paving or placement of permanent improvements in that area.

6. **Record of Survey (ROS).** File a Record of Survey when required by BPC §8762, including when the field survey discloses conditions requiring filing under BPC §8762(b) including:

- Material evidence/physical change not shown on recorded maps/records
- Material discrepancies in the position of points/lines or dimensions
- Evidence that could reasonably result in materially alternate positions of lines/points
- Establishment/reestablishment/retracement of points/lines not shown or not ascertainable from record maps
- Points/lines set for parcels described by deed that are not shown on record maps
- Timing: The ROS required by §8762 must be filed within 90 days after setting boundary monuments or completion of the field survey (whichever occurs first), subject to the statute's allowable extension conditions.

7. **Corner Record (CR).** Prepare and file Corner Records when required by BPC §8773 and §8773.1 and Title 16 CCR §464, including for monuments found, set, reset, or used as control, as applicable.

8. **Agency processing and proof of filing.** Submit ROS/CR documents to the applicable County Surveyor in accordance with current procedures and provide the City evidence of acceptance/filing (receipt, filing number, or other documentation) prior to Final Acceptance.

3-10.4.2 During Construction

9. **Protection.** Protect all monuments and control points from disturbance. Protection measures may include marking, lath/flagging, covers, delineation, exclusion zones, and sequencing. Implement only methods that will not damage the monument.

10. **Monument log.** Maintain a current monument log identifying each monument/control point and its status (protected, referenced, disturbed, reset, filed). Submit the updated log weekly with the Contractor's weekly report.

11. **Immediate notification.** If any monument is disturbed, damaged, removed, covered, or destroyed, notify the City within two (2) hours of discovery and suspend work in the affected area until the City authorizes corrective action. Mobilize the responsible-charge surveyor immediately.

12. **Perpetuation.** When a monument could be destroyed, damaged, covered, disturbed, or obliterated by the work, perpetuate its position by referencing and/or resetting a permanent monument in the finished surface, or by setting witness monuments, as appropriate. File the required Corner Record and/or Record of Survey.

3-10.4.3 After Construction and Closeout

13. **Post-construction verification.** After final paving and grade adjustments, verify and tie all monuments impacted or potentially impacted by the work, and confirm reset monuments are accessible and set to finished grade.

14. **County filings.** Complete and submit all required ROS/CR documents and obtain proof of acceptance/filing. Follow current County Surveyor submittal procedures and requirements.

15. **City closeout deliverables (condition of Final Acceptance).** Prior to Final Acceptance, provide the City all of the following:

    - Final monument inventory identifying monuments preserved, referenced, reset, replaced, or set.
    - Copies of filed ROS/CR documents and/or County filing receipts and filing numbers.
    - Summary of monuments reset/replaced and their final referenced locations.

Include monument preservation activities in the weekly look-ahead schedule, identifying the areas to be worked, monuments potentially impacted, and required survey operations that must occur before milling, grinding, excavation, paving, or other disturbance Work.

Do not perform work that could disturb monuments in any area until required pre-ties are complete and the City has issued written authorization to proceed for that area.

3-10.5 Measurement and Payment
When the Bid Schedule includes the item Construction Surveying and Monument Preservation (Lump Sum), payment at the Contract Unit Price shall constitute full compensation for all work required by this Section, including control, layout and construction staking (Section 3-10.3); monument preservation and perpetuation; pre- and post-construction ties; monument reset/replacement and appurtenances; records research; documentation; and all required ROS/CR preparation, processing, filing, and associated fees. No additional compensation will be made.

All costs to the Contractor for protecting, removing, restoring, relocating, repairing, replacing, or reestablishing existing improvements where no specified bid item is listed will be included in related items of work, and no additional compensation will be allowed therefor.

All permanent survey monuments that may be disturbed shall be restored by the Contractor at its own expense.

3-10.6 Cleanup
Prior to Final Acceptance, remove all temporary survey and construction markings (“construction graffiti”), including paint, flagging, lath, and other layout markings, from pavement, curb, sidewalk, and appurtenant surfaces, except for permanent survey monuments and markings specifically required to remain.

3-11 CONTRACT INFORMATION SIGNS

Subsection 3-11 of the Standard Specifications is replaced with the following:

The names, addresses and specialties of the Contractor, Subcontractors, architects or engineers may not be displayed on any signage within the public right-of-way. This signage prohibition includes advertising banners hung from truck beds or other equipment.

Add the following subsection:

3-11.1 Construction Information Signs

A minimum of ten (10) days prior to the start of construction, the Contractor shall install two project construction information signs at locations to be directed by the City Engineer. At a minimum, the information on the sign shall include the following:

- Name of the project
- Start date of construction
- Completion date
- Project funding
- City contact information phone number

Payment for **FURNISH AND INSTALL CONSTRUCTION INFORMATION SIGNS** shall be included in the Contract Unit Price for TRAFFIC CONTROL and shall include all work including maintenance, graffiti removal, and removal from the site and no additional compensation will be allowed therefor.

3-12 WORKSITE MAINTENANCE

3-12.1 General

This subsection shall be supplemented by the following paragraphs:

Clean-up shall be done as Work progresses at the end of each day and thoroughly before weekends. The Contractor shall not allow the Work site to become littered with trash and waste material, but shall maintain the same in a neat and orderly condition throughout the construction operation. Materials which need to be disposed shall not be stored at the Project site, but shall be removed by the end of each Working Day. If the job site is not cleaned to the satisfaction of the City Engineer or his/her designee, the cleaning will be done or contracted by the City and shall be back-charged to the Contractor and deducted from the Contract Price.

The Contractor shall be responsible for keeping streets within and adjacent to the construction area clean at all times. Any sweeping performed by the Agency crews due to the construction work shall be charged to the Contractor at overtime rates.

All existing surfaces, whether asphaltic or concrete, portland cement concrete, permanent fencing and barriers, landscape material such as turf, trees, shrubs, gravel, etc., or other, shall, after construction, be restored to a condition at least equal to that of what existed prior to construction. All restoration shall be in-kind except in those areas where details indicate to the contrary. The details of those areas will govern.

Restoration shall include, but not be limited to, the replacement of landscape planting and irrigation systems, and pavement striping that are disturbed by the Contractor's operations in the course of work. Immediately prior to completion of the Work, all disturbed soil areas, including the construction staging area, shall be stabilized with materials approved by the City Engineer and his/her designee.

The Contractor shall promptly remove from the vicinity of the completed Work, all rubbish, debris, unused materials, concrete forms, construction equipment, and temporary structures and facilities used during construction. Final acceptance of the Work by the City will be withheld until the

Contractor has satisfactorily complied with the foregoing requirements for final clean-up of the Project site.

The Contractor will be responsible for maintaining all areas within and around the job site in a safe and clean condition. The Contractor's attention is directed especially to the requirement that dust caused by his operation shall be controlled by sweeping, watering or any and all acceptable means at all times. In addition, the Contractor shall promptly remove from the vicinity of the completed Work, all rubbish, debris, unused materials, concrete forms, construction equipment, and temporary structures and facilities used during construction. Final acceptance of the Work by the City will be withheld until the Contractor has satisfactorily complied with the foregoing requirements for final clean-up of the Project site.

The Contractor will be responsible for maintaining all driveways in a usable, clean condition. If during the paving operation, the driveways are marked up with the tack coat or asphalt, it will be the responsibility of the Contractor to clean the driveways to the satisfaction of the City Engineer or his/her designee.

All metal manhole and water valve covers shall receive a heavy coating of parting agent such as diesel oil, or plastic covers as approved by City Engineer or his/her designee, prior to paving operation. After the paving has been placed and compacted, the Contractor shall remove all asphaltic material attached to manhole and water valve covers.

The Contractor shall furnish and operate a self-loading motor sweeper with spray nozzles at least once each working day to keep paved areas acceptably clean. The Contractor shall never leave the construction premises dirty and dusty.

Additional water shall be applied for the mitigation or prevention of dust nuisance. Water shall be applied either by pipelines, pressure, or pressure-type distributors or mobile units through a spray system or nozzles that will ensure a uniform application of water. The application of water for alleviation of dust nuisance shall be under the control of the City Engineer or his/her designee. Water shall be applied by the Contractor, minimum twice a day or as necessary to prevent dust nuisance and in amounts and at locations designated by the City Engineer or his/her designee.

When Contractor uses City Water Division fire hydrants as a source of water supply, the Contractor shall make application with the City or contact Jacque Koontz at (562) 929-5511. Deposit fees for City hydrant meter shall be paid for by Contractor.

It shall be the Contractor's responsibility to conduct its operations in such a manner so as to prevent damage to existing substructures. In the event of substructure damage, the Contractor shall bear full responsibility and total expense for repair and/or replacement of said substructure.

Failure to comply with these provisions shall result in liquidated damages of $5,000 per day per transition and/or the cost of Agency crews making the repairs, if necessary, to correct for public safety.

3-12.2 Worksite Protections

Contractor shall furnish, install, maintain, and remove all work worksite protections at all times (24 hours per day, 7 days per week) as required to protect public, workers, and the work, including but not limited to temporary traffic control, barricades, channelizers, temporary signage, delineation, lighting, flagging, and public notifications to ensure curing periods are maintained

without disturbance. Protections shall prevent disturbance of freshly installed pavement, concrete improvements, striping, and shall remain in place until surface is approved for opening to traffic by the City. Temporary traffic control shall comply with The California Manual on Uniform Traffic Control Devices (MUCTD), latest edition as adopted. The Caltrans Watchbook or California Temporary Traffic Control Handbook may be used as guidance for typical applications. In the event of a conflict, CA MUTCD shall govern. Where conditions are not adequately addressed by the above references or where required by the City (including closures on City streets, driveways, detours, multi-day closures, nightwork, work near schools and transit stops, or complex staging, Contractor shall prepare and submit a site specific temporary traffic control plan stamped and signed by a currently licensed California professional engineer (civil) or traffic engineer, as applicable. No such work shall begin until the temporary traffic control plan is reviewed and approved by the City. For freshly placed mill-and-overlay, ARAM, slurry seal, and other pavement rehabilitation treatments, Contractor shall provide physical barriers and signing to prevent vehicular and pedestrian access, including access by Contractor's vehicles unless specifically allowed in the accepted/approved workplan. Protection shall remain in place until the material has met manufacturer-required cure/set times and is accepted by the City for opening. Contractor shall repair, at no additional cost to the City, any surface damage caused by premature access or inadequate protection.

Contractor shall maintain safe pedestrian routes at all times. Where sidewalks or crossings are affected, provide temporary pedestrian facilities and ADA-compliant detours, including detectable edging, ramps, and appropriate signing. Maintain access for emergency services and coordinate closures with affected agencies. Contractor shall provide notifications to affected residents/businesses prior to work that impacts access, parking, or travel lanes. Notifications shall include work limits (cross streets), dates/times, anticipated access restrictions, parking restrictions, and a 24-hour contact number. Minimum notification timing and distribution limits shall be as directed by the City.

3-12.3 Phasing

General phasing intent. Work shall be sequenced and phased to maintain orderly operations, minimize impacts to residents/businesses, and prevent tracking or damage to newly placed ARAM, slurry seal, grind/overlay and other pavement installations. Contractor shall limit active work areas to the maximum extents allowed per phase described below and shall not open additional areas until the prior phase is completed, protected, cured, cleaned, and accepted by the City for reopening.

Submittal and acceptance. The weekly workplan shall identify the proposed phases for the week, including daily limits (by stationing or cross streets), treatment type (ARAM, slurry seal, grind/overlay or other pavement installation), closure type, detour routes, driveway impact plan, and reopening schedule. No ARAM, slurry seal, grind/overlay or other pavement installation work shall begin until the City has reviewed, accepted, and approved the phasing limits and temporary traffic control measures for that week.

Allowable work limits per phase (maximum extents). Unless otherwise accepted/approved in writing by the City, the Contractor's means and methods may include working in multiple locations within the same workday, however, the following minimum sequencing and spacing requirements apply:

- Minimum work extent: Work operations shall be performed on a full block face (intersection to intersection) at a minimum. Partial block work shall not be permitted unless approved by the City.
- Non-adjacent work requirement: Concurrent work operations shall not occur on adjacent streets, intersecting streets, or consecutive/connected segments. Work locations within the same day shall be separated such that no two active work areas directly impact the same intersection or neighborhood access point.
- Work distribution: The Contractor may proceed to additional work areas within the same day provided each location is non-adjacent and maintains independent traffic control, access, and notification compliance to the satisfaction of the City.
- Traffic control and access: Each active work location shall be fully set up, maintained, and completed in accordance with approved traffic control plans and shall not rely on overlapping closures or shared control zones between locations.
- Phasing: Work shall be sequenced to complete full block faces prior to moving operations within the same street segment and shall be distributed across non-adjacent locations to minimize localized disruption, maintain circulation, and preserve access for residents, businesses, emergency services, and public operations.
- Driveway and access limitation: At no time shall the Contractor restrict access to more than 25% of driveways on a given block within a single workday unless a written access plan (including resident/business coordination and temporary plates or alternate access if applicable) is accepted/approved by the City.
- Any deviations from the allowable work may be submitted for approval by the City. Partial block placement is not allowed unless authorized by the City.

Required sequencing. Contractor shall follow these minimum sequencing steps for each phase:

- **(a) Pre-phase coordination:** Confirm restrictions (trash pickup schedule, school calendar/session hours, special events) and notify affected residents/businesses per the notification requirements.

- **(b) Install temporary traffic control and protection:** Install all signage, barricades, cones/channelizers, pedestrian detours, and “NO PARKING” controls prior to any surface preparation.

- **(c) Surface preparation:** Perform sweeping, spot repairs, crack treatment, and/or tack application as required. Keep prepared areas within the same day’s placement limits.

- **(d) Placement:** Place ARAM, slurry seal and grind/overlay only within the approved daily limits.

- **(e) Cure protection:** Maintain closures and physical barriers to prevent vehicular and pedestrian entry until cure/set is achieved and reopening is authorized by the City.

- **(f) Cleanup and reopen:** Remove loose material, restore markings as required by the contract documents/striping plan, reopen to traffic only after acceptance/authorization, then remove temporary traffic control devices not required for subsequent phases.

Adjacent phase control. Contractor shall not start an adjacent phase (including the opposite travel lane, adjacent lane, or the next block segment) until:

- The prior phase has achieved required cure/set;

- The prior phase is reopened or otherwise stabilized to the satisfaction of the City; and
- Any tracking risk from construction traffic has been eliminated (e.g., haul routes adjusted, clean entry/exit points established).

Intersections, driveways, and pedestrian crossings.

- **Intersections:** Only one approach leg may be treated at a time unless otherwise accepted/approved. Always maintain safe crossing paths and clear detours for pedestrians and vehicles.
- **Driveways:** Contractor shall coordinate with each affected property to maintain access. Where access must be temporarily restricted, provide advance notice and a time window for closure.
- **Pedestrian routes:** Provide continuous, ADA-compliant pedestrian access or signed detours around each active phase.

Work blackout restrictions.

- **Trash pickup days: No work shall be performed on streets within the project limits on scheduled trash pickup days**, including surface preparation, placement, and any activity requiring parking restrictions or lane closures, unless the City provides written authorization after Contractor demonstrates coordination with the waste hauler and affected residents.
- **School-in-session restriction: No work shall be performed within the project limits when schools serving the area are open or in session**, including any activity requiring lane closures, flagging, or parking restrictions. For purposes of this requirement, “in session” includes regular school days and any scheduled on-campus instruction periods. Work may proceed only during school holidays/breaks, weekends, or other days when schools are not in session, unless the City provides written authorization. Contractor shall coordinate with each school or district as applicable to the work area.
- **Street sweeping restriction: No work shall be performed within the project limits when streets are scheduled for routine sweeping,** including any activity requiring lane closures, flagging, or parking restrictions, unless the City provides written authorization after the Contractor demonstrates coordination with the street sweeping operations and affected residents.

Noncompliance. If Contractor exceeds approved phase limits, begins a new phase without authorization, or performs work during blackout restrictions, the City may direct an immediate work stoppage and restoration of safe access/traffic conditions at no additional cost. Any surface damage, tracking, or premature distress attributable to phasing noncompliance shall be corrected by Contractor at no additional cost.

Failure to meet the Section 3-12.3 Phasing requirements shall subject the Contractor to liquidated damages in the amount of $5,000 per location and/or occurrence.

3-12.4 Workplan

Contractor shall submit a detailed weekly workplan for City review (and acceptance/approval) prior to commencement of work each week. The workplan shall be updated weekly and shall include at minimum (a) date range and daily schedule, (b) locations with treatment types, (c) equipment and labor, (d) temporary traffic control layouts and devices, (e) driveway and pedestrian impacts/detours, (f) public notification actions, and (g) a three-week look-ahead schedule. Work limits and temporary traffic control locations shall be shown on a map.

Purpose. Contractor shall prepare, submit, and implement a weekly workplan that defines the sequencing (phasing), locations, hours, staffing, equipment, traffic control, access management, notifications, and curing/protection measures for street paving and related work. The workplan is intended to provide clear direction and coordination of work activities and public impacts.

Submittal timing and review.

- Submit the weekly workplan to the City no later than 12:00 PM (local time) on Thursday for the following week's operations, unless otherwise directed by the City.
- No work shall begin for the week until the workplan is reviewed, accepted, and approved by the City.
- Contractor shall update and resubmit the workplan weekly and as needed for schedule changes, weather impacts, emergencies, events, or City directed revisions.

Look-ahead schedule. The weekly workplan shall include:

- A detailed plan for the upcoming week (day-by-day), and
- A three-week look-ahead identifying anticipated work locations, major activities, and expected traffic and access impacts.

Minimum content. The weekly workplan shall include, at a minimum, the following:

A. General information

- Project name and contract number (if applicable)
- Date range covered by the weekly plan and the three-week look-ahead
- Proposed work hours, including any weekend or night work (if allowed)
- Contractor's on-site superintendent and 24-hour contact phone number

B. Work activities and locations

- Daily list of planned tasks (e.g., milling, paving, ARAM, slurry seal, striping, crack seal, sweeping, utility adjustments)
- Exact limits of work for each day identified by stationing and/or cross streets
- Identification of treatment type by location (e.g., HMA overlay, ARAM, slurry seal, full depth)

- Planned quantities/production goals (optional but recommended)
- Contractor shall perform daily sweeping and have a full-time sweeper available, including weekends and/or holidays.
- **Failure to complete sweeping as required or directed by the City Engineer shall subject the Contractor to a liquidated damage of $5,000 per calendar day per street. Sweeper sequence shall be verified and approved by the City's representative.**
- **Street sweeper shall not leave job site until work has been approved by the City's representative per daily scope operations. Failure to do so shall subject the Contractor to liquidated damages in the amount of $5,000 per occurrence.**

C. Phasing and sequencing (required for all paving operations)

- Proposed phase limits for each day with a clear sequence (Phase 1, Phase 2, etc.)
- Maximum daily limits per phase consistent with the contract requirements (or as proposed for City review, acceptance, and approval)
- Curing/protection approach and anticipated reopen times per phase
- Driveway, intersection, and pedestrian routing plan per phase
- At no time shall a milled pavement surface be opened to traffic. Milled pavement surfaces shall be paved back with the asphalt concrete base or leveling course immediately after milling and base repairs (digouts) have been completed.
- Contractor shall be responsible for coordinating with the Agency for any potential work that may affect projects in the same area.

D. Traffic control and access management

- Temporary Traffic Control (TTC) layouts for each day/phase, including detours where required
- Signage, barricades, delineation, flagging, and pedestrian/ADA detours
- Parking restriction plan (posting locations, posting dates/times, tow coordination if applicable)
- Emergency and non-emergency access plan and coordination needs (fire, police, transit, waste hauler, school bus route)
- Coordinate bus and/or transit stops with the associated agency. Follow transit agency requirements and implement requirements as part of the work plan.

E. Public notifications and stakeholder coordination

- Notification limits and distribution method(s) (door hangers, mailers, email list, website, message boards, social media, etc.)

- Draft notification content for that week, including dates/times, work limits, access/parking restrictions, and contact info
- List of special stakeholders impacted that week (schools, businesses, HOAs, transit, waste hauler) and coordination actions
- Upon approval of notices by the City, Contractor shall provide 72-hour notice for closures and scheduled work. Notification shall be by zone and location. Should there be any changes, notifications must go out to residents. “No Parking” signs to be added with specific date and time range (i.e. Tuesday 8 am - 12pm).

F. Resources

- List of equipment assigned to the week’s work (by major type)
- Crew counts by trade/operation (e.g., milling crew, paving crew, slurry crew, concrete crew, traffic control crew)
- Material sources and anticipated delivery schedule as applicable (HMA plant, emulsion, aggregate, etc.)

G. Quality control and inspection coordination

- Planned QC testing/verification activities (as applicable)
- Requested City inspection hold points (start of placement, transitions, reopen authorization)
- Striping/markers plan or temporary delineation plan if permanent striping will be delayed

H. Constraints and blackout restrictions

- Confirmation that planned work complies with contract restrictions, including:
    - No work on scheduled trash pickup days within affected street segments
    - No work when schools serving the area are open or in session
    - No work when special events are planned or as directed by the City
- Identification of weather-sensitive operations and contingency plan

Workplan map requirement. Contractor shall include a map exhibit for the weekly plan that clearly shows:

- Daily work limits and phase limits
- Treatment type by segment
- Lane closures, detours, and flagging locations
- Pedestrian detours/ADA routes

- "No Parking" posting limits and notice locations

Field implementation. Contractor shall keep the approved weekly workplan (including TTC sheets and maps) on-site at all times and shall implement the work in accordance with the workplan. Deviations require City authorization. Contractor remains solely responsible for means, methods, safety, and protection of the worksite.

Noncompliance. Failure to submit an adequate workplan, failure to follow an approved workplan, or performing work outside the stated constraints may be cause for work stoppage, additional public notification, revised TTC requirements, or other corrective actions at no additional cost to the City.

No separate payment shall be made for any work performed or material used to control dust resulting from the Contractor's performance of the work, or by public traffic, either inside or outside the right-of-way or any work required in compliance with this subsection and no additional compensation shall be allowed therefor.

Failure to meet the Section 3-12.4 Workplan requirements shall subject the Contractor to liquidated damages in the amount of $5,000 per location and/or occurrence.

3.12.5 Storage of Equipment and Materials

3-12.5.1 General

This subsection shall be supplemented by the following:

The Contractor shall make arrangements for storing its equipment and materials. The Contractor shall make its own arrangements for any necessary off-site storage or shop areas necessary for the proper execution of the Work. Approved areas within Work site may be used for temporary storage; however, the Contractor shall be responsible for obtaining any necessary permits from the City. In any case, the Contractor's equipment and personal vehicles of the Contractor's employees shall not be parked on the traveled way or on any section where traffic is restricted at any time.

The Contractor shall deliver, handle, and store materials in accordance with the manufacturer's written recommendations and by methods and means that will prevent damage, deterioration, and loss including theft. Delivery schedules shall be controlled to minimize long-term storage of products at the Project site and overcrowding of construction spaces. In particular, the Contractor shall provide the Material Safety Data Sheets (MSDS) prior to delivery of the materials and installation coordination to ensure minimum holding or storage times for materials recognized to be flammable, hazardous, easily damaged, or sensitive to deterioration, theft, and other sources of loss.

Storage shall be arranged to provide access for inspection. The Contractor shall periodically inspect to assure materials are undamaged and are maintained under required conditions.

All costs associated with the clean-up and storage required to complete the Project shall be included in MOBILIZATION AND DEMOBILIZATION and no additional compensation shall be allowed therefore.

3-12.5.2 Storage in Public Streets
This subsection shall be supplemented by the following:

Construction materials and equipment shall not be stored in Streets, roads, or highways unless otherwise specified in the Special Provisions or approved by the City Engineer or his/her designee.

Failure to meet the Section 3-12.5 shall subject the Contractor to liquidated damages in the amount of $5,000 per location and/or occurrence.

3.12.6 Water Pollution Control

3-12.6.1 General
This subsection shall be supplemented by the following:

If a Storm Water Pollution Prevention Plan (SWPPP) is not required by a jurisdictional regulatory agency, the Contractor shall prepare and submit a Water Pollution Control Plan (WPCP). The WPCP shall be prepared per local guidelines and the Caltrans WPCP Preparation manual, latest edition and these Special Provisions.

The area of the work is less than one (1) acre and is not part of a larger plan of development therefore, it is not subject to the permitting requirements of the State's General Permit for Storm Water Discharges Associated with Construction and Land Disturbance Activities Order No. 2009-009-DWQ, NPDES No. CAS000002 (as amended by 2010-0014-DWQ and 2012-0006-DWQ). However, the Waste Discharge Requirements for Municipal Separate Storm Sewer System (MS4) Discharges within the Coastal Watersheds of Los Angeles County, except those discharges originating from the City of Long Beach MS4 (Order No. R4-2012-0175, NPDES No. CAS004001), apply and are included herein.

Disturbance of areas outside the limits of the work is not permitted. As the Legally Responsible Person (LRP), the Agency is liable for all areas of soil disturbance associated with the project. The Contractor shall be responsible for substantially stabilizing ALL disturbed soil associated with the project with a method approved by the Agency. Where there is a potential to exceed one (1) acre of disturbed soil (e.g. staging area), the Contractor shall install temporary fencing to contain ALL activities within an area of one (1) acre or less. Any disturbed soil, including staging area, outside the one (1) acre or less area shall be stabilized by the Contractor immediately using a method approved by the Agency. Failure to reduce the disturbed area to one (1) acre or less may cause significant delays to the project schedule, in addition to significant financial penalties.

The Contractor shall be responsible for the costs and liabilities imposed by law as a result if the Contractor's failure to comply with the requirements specified, including, but not limited to, compliance with the applicable provisions of the CASQA Construction BMP Factsheets, and Federal, State, and local regulations. Costs and liabilities include but are not limited to, fines, penalties, and damages whether assessed against the City of Norwalk or the Contractor, including those levied under the Federal Clean Water Act and the State Porter Cologne Water Quality Act.

In addition to the remedies authorized by law, an amount of the money due the Contractor under the Contract, as determined by the Agency, may be retained by the Agency until disposition has been made of the costs and liabilities.

The retention of money due the Contractor shall be subject to the following:

A. The Agency will give the Contractor thirty (30) days' notice of its intention to retain funds from partial payments, that may become due to the Contractor prior to acceptance of the Contract. Retention of funds from payments made after acceptance of the Contract may be made without prior notice to the Contractor.

B. No retention of additional amounts out of partial payments will be made if the amount to be retained does not exceed the amount being withheld from partial payments pursuant to 7-3.2.

3.12.6.2 Best Management Practices (BMPs)
This subsection shall be supplemented by the following:

1. Every effort should be made to eliminate the discharge of non-stormwater from the project site at all times.

2. Eroded sediments and other pollutants must be retained on-site and may not be transported from the site via sheet flow, swales, area drains, natural drainage courses or wind.

3. Stockpiles of earth and other construction related materials must be protected from being transported from the site by the forces of wind or water.

4. Fuels, oils, solvents, and other toxic materials must be stored in accordance with their listing and are not to contaminate the soil and surface waters. All approved storage containers are to be protected from the weather. Spills must be cleaned up immediately and disposed of in a proper manner. Spills may not be washed into the drainage system.

5. Excess or waste concrete may not be washed into the public way or any other drainage system. Provisions shall be made to retain concrete wastes on-site until they can be disposed of as solid waste.

6. Trash and construction related solid wastes must be deposited into a covered receptacle to prevent contamination of rainwater and dispersal by wind.

7. Sediments and other materials may not be tracked from the site by vehicle traffic. The construction entrance roadways must be stabilized so as to inhibit sediments from being deposited into the public way. Accidental depositions must be swept up immediately and may not be washed down by rain or other means.

8. Any slopes with disturbed soils or denuded of vegetation must be stabilized so as to inhibit erosion by wind and water.

9. All catch basins and curb inlets shall be protected from receiving runoff from unstabilized or otherwise active work areas. Inlet protection shall be used in conjunction with other erosion and sediment controls to prevent sediment laden stormwater and non-stormwater discharges from entering the storm drain system.

3.12.6.2.1 BMP Plan Preparation and Submittal

The Contractor shall prepare and submit for approval a BMP Plan per 3-12.6.2 and 6-1.2. The BMP Plan shall identify all activities, construction materials, and pollution sources that may

adversely affect the quality of stormwater discharges associated with the Work and shall identify water pollution control measures, hereafter referred to as BMPs, to be constructed, implemented, and maintained in order to reduce to the extent feasible (best available technology and best conventional technology) pollutants in stormwater discharges from the work site during construction performed under this Contract.

The following twelve (12) BMPs shall be implemented, as applicable, for the proposed activities.

No.	Table 16 BMP Description	CASQA BMP No.
1.	Restrict paving and repaving activity to exclude periods of rainfall or predicted rainfall unless required by emergency conditions.	EC-1, Scheduling NS-3, Paving & Grinding Operations
2.	Install gravel bags and filter fabric or other equivalent inlet protection at all susceptible storm drain inlets and at manholes to prevent spills of paving products and tack coat.	SE-10, Drain Inlet Protection SE-6, Gravel bag Berms NS-3, Paving & Grinding Operations
3.	Prevent the discharge of release agents including soybean oil, other oils, or diesel to the storm water drainage system or receiving waters.	NS-3, Paving & Grinding Operations WM-2, Material Use WM-4, Spill Prevention & Control
4.	Minimize non storm water runoff from water use for the roller and for evaporative cooling of the asphalt.	NS-1, Water Conservation NS-3, Paving & Grinding Operations
5.	Clean equipment over absorbent pads, drip pans, plastic sheeting or other material to capture all spillage and dispose of properly.	NS-3, Paving & Grinding Operations NS-8, Vehicle & Equipment Cleaning WM-4, Spill Prevention & Control
6.	Collect liquid waste in a container with a secure lid for transport to a maintenance facility to be reused, recycled, or disposed of properly.	NS-3, Paving & Grinding Operations WM-6, Hazardous Waste Management
7.	Collect solid waste by vacuuming or sweeping and securing in an appropriate container for transport to a maintenance facility to be reused, recycled or disposed of properly.	NS-3, Paving & Grinding Operations SE-7, Street Sweeping & Vacuuming
8.	Cover the "cold-mix" asphalt (i.e., pre-mixed aggregate and asphalt binder) with protective sheeting during a rainstorm.	NS-3, Paving & Grinding Operations WM-3, Stockpile Management
9.	Cover loads with tarp before haul-off to a storage site, and do not overload trucks.	NS-3, Paving & Grinding Operations WE-1, Wind Erosion Control
10.	Minimize airborne dust by using water spray or other approved dust suppressant during grinding.	NS-3, Paving & Grinding Operations WE-1, Wind Erosion Control
11.	Avoid stockpiling soil, sand, sediment, asphalt material and asphalt grindings materials or rubble in or near storm water drainage system or receiving waters.	NS-3, Paving & Grinding Operations WM-1, Material Delivery & Storage WM-3, Stockpile Management
12.	Protect stockpiles with a cover or sediment barriers during a rain.	NS-3, Paving & Grinding Operations

BMPs shall not contain plastic in any part of their construction when alternative materials are available.

The BMP Plan shall incorporate BMPs in the following categories (where applicable to the Project):

a.) Soil stabilization;

b.) Sediment control;

c.) Tracking control;

d.) Wind erosion control;

e.) Non-storm water control;

f.) Waste management and material pollution control; and

g.) Final stabilization.

Specific objectives, implementation details, inspection criteria, and minimum requirements for each category of BMP are contained in the CASQA Construction BMP Factsheets.

CASQA BMP Fact Sheets are available at:

- https://www.casqa.org/
- https://ocerws.ocpublicworks.com/service-areas/oc-environmental-resources/oc-watersheds/unincorporated-countywide-compliance/best

The Contractor shall consider the minimum requirements listed for any category; the Contractor shall incorporate into the BMP Plan and implement on the Project the listed minimum BMPs required below in order to meet the pollution control objectives for the category. In addition, the Contractor shall consider other BMPs presented in the CASQA Construction BMP Factsheets and shall incorporate into the BMP Plan and implement on the Project the control measures necessary to meet the objectives. The Contractor shall document the selection process in conformance with the procedure specified in the CASQA Construction BMP Factsheets.

The BMP Plan shall include (when applicable), but not be limited to, the following BMPs required by the Los Angeles County MS4 Permit, R4-2012-0175 (Table 12), as they apply to the Project:

Erosion Control

- Scheduling – EC 1
- Preservation of Existing Vegetation – EC 2

Sediment Control

- Silt Fence – SE 1
- Sand Bag Barrier – SE 8

Stabilize Construction Site Entrance/Exit – TC 1

- Non-Storm Water Management
- Water Conservation Practices – NS 1
- Dewatering Operations – NS 2

Waste Management

- Material Delivery and Storage – WM 1
- Stockpile Management – WM 3
- Spill Prevention and Control – WM 4
- Solid Waste Management – WM 5
- Concrete Waste Management – WM 8
- Sanitary/Septic Waste Management – WM 9

The Contractor shall update the BMP Plan whenever there is a change in construction activities or operations that may affect the discharge of pollutants to surface waters, ground waters, municipal storm drain systems or when deemed necessary by the Engineer. The BMP Plan shall be updated if the Plan has not achieved the objective of reducing pollutants in stormwater discharges. Updates shall show additional BMPs or revised operations, including those in areas not shown in the initially approved BMP Plan, that are required to control water pollution effectively. Updates to the BMP Plan shall be submitted for review and approval by the Engineer. Updates shall be dated and attached to the on-site BMP Plan.

The Contractor shall keep a copy of the BMP Plan, along with updates, revisions, and amendments at the Project site or with the Contractor's Representative.

3.12.6.2.2 Implementation of the BMP Plan

The BMP Plan shall be implemented prior to the start of any work on the Project. No work having the potential to cause water pollution or disturb the earth, as determined by the Engineer, shall be performed until the Contractor has implemented the approved BMP Plan and received the approval of the Engineer to proceed.

Upon approval of the BMP Plan, the Contractor shall be responsible throughout the duration of the Project for installing, constructing, inspecting, and maintaining the BMPs described in the BMP Plan and any amendments thereto and for removing and disposing of temporary BMPs when they are no longer needed or have been replaced. BMPs shall be fully maintained or completely

removed, no BMPs may be abandoned. Unless otherwise approved by the Engineer, the Contractor's responsibility for BMP Plan implementation shall continue throughout any temporary suspension of the Work ordered in accordance with 6-6.

Installation, construction, inspection, maintenance, removal, and disposal of BMPs shall conform to the requirements in the CASQA Construction BMP Fact Sheets and these Special Provisions.

Soil stabilization practices and sediment control measures, are applicable throughout the entire year. Straw waddles are required for inlet protection.

The Contractor shall demonstrate the ability and preparedness to fully deploy soil stabilization practices and sediment control measures to protect soil-disturbed areas associated with the Project before the onset of precipitation (NOAA forecast of ≥ fifty percent (50%)). A quantity of soil stabilization and sediment control materials shall be maintained on-site equal to one-hundred percent (100%) of that sufficient to protect unstabilized, soil-disturbed areas on the Project site. BMPs required to protect unstabilized, soil-disturbed areas on the Project site shall be installed and/or implemented no later than twenty-four (24)-hours prior to a forecast storm event.

Disturbed-soil areas on the Project site shall be considered to be non-active when those areas have been disturbed and are not scheduled to be re-disturbed for at least seven (7)days. Effective soil cover shall be provided during this condition that includes; finished slopes, open space, utility backfill, and completed lots or building pads.

Active disturbed-soil areas of the Project site shall be stabilized as much as possible and receive sediment control. The weather forecast shall be monitored by the Contractor on a daily basis. The National Weather Service forecast shall be used.

The Contractor shall implement throughout the duration of the Project, BMPs included in the BMP Plan for tracking control, wind erosion control, non-storm water control, and waste management and material pollution control.

In accordance with 6-6, the City Engineer and his/her designee may order the suspension of the Work in whole or in part if water pollution is being created or if the Contractor fails to implement the approved BMP Plan and/or conform to the requirements in these Special Provisions.

3.12.6.2.3 Maintenance

The Contractor shall regularly inspect and maintain the work site for the BMPs identified in the BMP Plan. The Contractor shall identify corrective actions and the time needed to address any deficient measures or reinitiate any BMPs that have been discontinued. All repair and correction shall be completed within seventy-two (72) hours of notice or before the next storm forecasted with a fifty percent (50%) or greater probability of precipitation, whichever is sooner. Good housekeeping practices shall receive the Contractor’s highest attention.

Inspections of the work site shall be conducted by the Contractor to evaluate BMPs, as follows;

a.) Within forty-eight (48)-hours of a NOAA forecasted storm event with a probability of precipitation of fifty percent (50%) or more.

b.) Weekly.

c.) Every twenty-four (24)-hours during an ongoing storm.

Disturbed soil areas within the Project shall be protected in conformance with the requirements in the BMP Plan with an effective combination of soil stabilization and sediment control. Attention shall be focused on prevention of pollution rather on its removal from runoff, as such, soil stabilization and materials management BMPs are of the highest priority.

If the Contractor or the Engineer identifies a deficiency in the deployment or functioning of an identified BMP, the deficiency shall be corrected immediately. The deficiency may be corrected at a later date and time if requested by the Contractor and approved by the

Engineer in writing, but not later than seventy-two (72) hours after notice or before the next storm forecasted with a probability of precipitation of fifty percent (50%) or greater whichever is sooner.

Immediately prior to completion of the Work, all disturbed-soil areas, including the construction staging area, shall be stabilized with materials approved by the Engineer. No stabilization materials may contain plastic. This provision does not apply to the bed, bank, and channel of any streambed or natural drainage. The Work will not be considered as completed in accordance with 3-13.1 until stabilization is performed and approved by the Engineer.

Temporary AC is subject to raveling. When temporary AC is being used, a street sweeper shall be scheduled to remove all debris caused by the raveling. The sweeper shall operate continuously until the raveling has stopped or the temporary AC has been removed.

Contractor shall perform daily sweeping and have a full-time sweeper available, including weekends and/or holidays.

Failure to complete sweeping as required or directed by the City Engineer shall subject the Contractor to a liquidated damage of $5,000 per calendar day per street. Sweeper sequence shall be verified and approved by the City's representative.

Street sweeper shall not leave job site until work has been approved by the City's representative per daily scope operations. Failure to do so shall subject the Contractor to liquidated damages in the amount of $5,000 per occurrence.

All flow lines shall be left unimpeded, and no material, including AC cold mix, waste AC, road base, or soil, shall be placed in the flow line.

Disturbance to non-stabilized surfaces at staging and storage areas shall be minimized. These areas shall only be large enough to run an efficient and safe operation. They shall be surrounded with temporary construction fence if no fence or barrier is present.

Excess sand used on fresh AC surfaces shall be removed by the Contractor at no additional cost to the Agency by either sweeper, broom, or vacuum. Washing sand away is not permitted.

Upon completion of the project **ALL disturbed-soil areas, including the construction staging area, shall be stabilized with materials providing soil stabilization for a minimum of one (1) year. These materials shall be approved by the Engineer.** Stabilization items are required to be implemented prior to the project acceptance by the Agency's Project Manager. No BMPs may contain plastic.

3.12.6.2.3 Progressive Enforcement

The Agency, as a permittee, is subject to enforcement action by the State Water Resources Control Board (SWRCB), Los Angeles Regional Water Quality Control Board, Environmental Protection Agency, private citizens, and citizen groups. The Contractor shall notify the Engineer immediately following receipt of a request from any jurisdictional regulatory agency, to enter, inspect, sample, monitor, or otherwise access the Project site or the Contractor's records pertaining to water pollution control.

The Agency will assess the Contractor a penalty of $5,000 for each day, for each violation (each BMP), that the Contractor fails to fully comply with the specified requirements, including the correction of BMPs within seventy-two (72) hours after notice. The penalty will be deducted from Contract progress payments due to the Contractor.

The Contractor shall be responsible for the costs and for the liabilities imposed by law as a result of its failure to fully comply. Costs and liabilities include, but are not limited to, fines, penalties, and damages whether assessed against the Agency or the Contractor, including those levied under the Air Pollution Control regulations, Federal Clean Water Act, and the State Porter Cologne Water Quality Act. In addition, the Agency will deduct from any monies due the Contractor the total amount of any legal fees, staff costs, and consultant fees incurred as a result of the Contractor’s non-compliance with these Special Provisions.

3.12.6.3 Storm Water Pollution Prevention Plan (SWPPP)

This subsection shall be supplemented by the following:

The City has not prepared a SWPPP or other stormwater compliance plan for the project site. The Contractor is responsible for filing the PRDs and for obtaining coverage under the NPDES Permit. This includes preparing and implementing a SWPPP for the project site, and coordinating all submittals with the City's Legally Responsible Person (LRP) and Authorized Signatory as those terms are defined in the Permit. Before any PRDs, SWPPP, or other Permit related document may be submitted to the State Board or implemented on the project site, it must first be reviewed by the City, who retains the right to reject or require revisions thereto. If the Project is less than one acre in size, the Contractor is still required to develop and implement an Erosion and Sediment Control Plan for the Work site. Contractor must include all costs of compliance with specified requirements in the Contract amount.

The Contractor, without limitation, shall be responsible to provide and implement Best Management Practices to comply with National Pollution Discharge Elimination System (NPDES) standards and practices. The Contractor shall be responsible, to the fullest extent possible, not to permit any contaminants, including soil, to enter any drainage system. The Contractor shall be responsible to provide hay bales or similar devices to prevent erosion from being washed into the storm drain system. Contractor shall be responsible to maintain equipment so that oil, grease, gasoline, diesel fuel, et al., does not contaminate areas subject to run-off. The Contractor and its Surety shall fully indemnify the City for any pollution damage and/or cleaning costs.

All construction on off-site or on-site improvements shall adhere to NPDES Best Management Practices (BMPs) to prevent deleterious materials or pollutants from entering the City or County storm drain systems. The following are the areas to be addressed:

- Handle, store and dispose of materials properly.
- Avoiding excavation and grading activities during wet weather.
- Construct diversion dikes and drainage swales around working sites.
- Cover stockpiles and excavated soil with secured tarps or plastic sheeting.
- Develop and implement erosion control plans.
- Check and repair leaking equipment away from construction site.
- Designate a location away from storm drains for refueling.
- Cover and seal catch basins whenever working in their vicinity.
- Use vacuum with all concrete sawing operations.
- Never wash excess material from aggregate, concrete or equipment onto a street
- Catch drips from paver with drip pans or absorbent material.
- Clean up all spills using dry methods.
- Sweep all gutters at the end of each working day. Gutters shall be kept clean after leaving construction site.
- Call 911 in case of a hazardous spill.
- Keep a running log of all activities in connection with the Storm Water Pollution Prevention Plan (SWPPP)
- Name a person, on site, responsible for complying with S.W.P.P.P.

The Contractor to comply with these requirements and City during the course of construction. Should there be any violations or fines due to the Contractor's actions or inactions, such fines will be backcharged to the Contractor.

Failure to meet the Section 3-12.6 Water Pollution Control, SWPPP, and BMP requirements shall subject the Contractor to liquidated damages in the amount of $5,000 per calendar day.

3.12.6.5 Payment
This subsection shall be replaced by the following:

Payment for preparation, implementation, maintenance, monitoring, reporting, modification, and compliance with the Water Pollution Control Plan (WPCP), Storm Water Pollution Prevention Plan (SWPPP), Best Management Practices (BMPs), and all related requirements specified in the Contract Documents shall be considered included in the various Bid items unless noted otherwise. No separate payment will be made therefor.

Payment for all work associated with Section 3-12.6, including preparation and modification of the WPCP or SWPPP, permitting fees, City filing and processing, furnishing, installing, maintaining and removing BMPs, monitoring and reporting, corrective actions, deficiency corrections, labor, materials, tools, equipment, incidentals, and all other work required by the Contract Documents or permit requirements, shall be considered included in the various Bid items unless noted otherwise. No separate or additional compensation will be allowed therefor.

No separate or additional payment will be made for the correction of deficiencies

Add the following:

a. Retention and Withholding for Non-Conformance.

The Agency may retain an amount equal to twenty-five percent (25%) of the estimated value of the Contract work performed during the progress estimate periods in that the Contractor fails to conform to the specified requirements.

The Agency will withhold $500 per BMP deficient item from the monthly progress payment if not corrected within three (3) working days from the issuance date of the deficient item by the City Engineer and his/her designee. The City Engineer and his/her designee will inspect the work site on a weekly basis and a deficient item list will be issued if correction is needed. Once the deficient item is corrected and approved by the Engineer, the withheld money will be released back to the Contractor.

Retentions for failure to conform to the specified requirements will be in addition to the other retentions provided for in the Contract. The amounts retained for failure of the Contractor to conform to the provisions in this subsection will be released for payment on the next monthly progress estimate following the date that a BMP Plan has been implemented and maintained and water pollution is adequately controlled, as determined by the City Engineer and his/her designee.

Add the following subsections:

3.12.7 Waste Management Plan Requirements

The Contractor shall comply with the requirements of AB 939 and the City of Norwalk Recycling and Disposal of Construction and Demolition Debris Ordinance (Nos. 1544 and 1556) and submit a Waste Management Plan (WMP) for the approval of the Engineer. This involves taking waste materials for recycling and furnishing the City with documents verifying that materials leaving the project have been taken to recycling agents.

To ensure that the City receives receipts for the recycled materials, $1,000 will be retained from each WO listing completed until the delivery of the receipts for that WO listing work.

Full compensation for conforming to the requirements in this subsection shall be considered as included in the prices bid for the various contract items of work and no additional compensation will be allowed therefor.

3.12.8 Solid Waste Management and Recycling Plan

The Contractor shall submit a Solid Waste Management and Recycling Plan to the City Engineer or his/her designee for review and approval prior to issuance of a demolition permit and/or grading permit for the project. Said plan shall indicate that the Permittee/Contractor shall provide documentation such as receipts from landfills, salvage and recycling facilities upon completion of the demolition/construction. Said plan shall identify:

- Types of materials for recycling, reuse, or sorting
- Estimated quantities
- Separation requirements
- On site storage
- Transportation methods
- Destinations
- Plan Manager (Contractor’s representative)

Prior to issuance of a demolition and/or grading permit, the Permittee/Contractor shall contact the California Integrated Waste Management Board (Recycling hotline 800-553-2962) to obtain an approved recycler (processor and/or receiver) for demolition and construction waste. At the minimum the contractor shall recycle each of the following demolition and construction waste materials:

- Asphalt paving: 75%
- Concrete and concrete masonry units: 75%
- Non-lead based painted wood wastes (dimensional lumber and broken crates and pallets): 50%
- Metals: 60%
- Toilets: 75%
- Appliances: 75%
- Copper cable/wire: 50%
- Transformers and ballasts: 100%
- Fluorescent lamps: 100%
- Glass: 50%
- Unpainted gypsum board: 50%

A minimum of 50% of the total weight of the waste (demolition and construction wastes) shall be diverted from landfill.

Full compensation for conforming to the requirements in this subsection shall be considered as included in the prices bid for the various contract items of work and no additional compensation will be allowed therefor.

3.12.8.1 Refuse Route Schedule

The Contractor shall accommodate and coordinate with the City's refuse pick-up service in the project area. The Contractor shall accommodate and coordinate with the City's street sweeping service and trash pick-up in the project area.

3-13 PRE-PAVEMENT PREPARATION AND REPAIRS

3-13.1 Micromill and Edge Grind

1. **Description.** Provide edge micromilling as indicated on the plans where asphalt pavement abuts existing or proposed concrete curb and gutter (including curb returns), to create a clean, uniform edge and consistent transition between new pavement and existing asphalt pavement at locations.

2. **Limits.**

    - Micromill a continuous strip 2 feet wide continuous strip, measured from the lip of gutter/face of curb. City to confirm gutter/face of curb. City to confirm the field.

    - Perform micromilling for the full length of paving limits where the new pavement meets existing curb and gutter, including transitions and returns, unless otherwise directed by the City.

3. **Depth.**

- Micromilling depth shall be 5/8 inch (0.625 in) below the existing asphalt surface.
- Maintain a uniform depth; local variations required to avoid damaging concrete shall be minimized and shall not result in gouges or abrupt steps.

4. **Equipment and execution.**
   - Use a micro-milling machine capable of producing a fine-textured surface with tight grade control suitable for shallow depth milling adjacent to concrete.
   - Provide a straight, uniform mill line parallel to the curb.
   - Do not damage, spall, chip, or undercut the concrete curb and gutter. Any damage shall be repaired/replaced at no additional cost as directed by the City.
5. **Surface condition and cleanup.**
   - The micromilled surface shall be free of ridges, gouges, loose ridges, loose material, and shall be left in a clean condition suitable for paving.
   - Immediately after milling, sweep/vacuum to remove all millings and debris from the gutter line, travel lanes, and adjacent areas.
   - Dispose of millings legally off-site unless otherwise allowed by the City.
6. **Paving interface.**
   - Prior to placing new pavement, apply tack coat (if apply tack coat (if required by the project specifications) to the micromilled surface and any exposed vertical faces.
   - New pavement shall be placed and compacted to produce a clean, tight edge clean, adjacent to the gutter with no gaps, sloughing, or loose material.
7. **Tolerance and acceptance.**
   - Width tolerance: 2 feet ± 2 inches.
   - Depth tolerance**:** 5/8 inch ± 1/8 inch.
   - Finished edge – Finished edge shall be straight and uniform with no abrupt lips between new pavement and existing/proposed gutter, as determined by the City. Nonconforming areas shall be re-milled and/or corrected at at no additional cost.
8. **Measurement and payment.** Edge micromilling shall be included in the Contractor's means and methods shall be incidental to paving unless a separate bid item a separate bid item is provided.

3-13.2 Skin Patch

1. **Description.** Skin patching consists of localized removal and replacement of existing asphalt pavement to correct areas of surface distress, raveling, cracking, rutting, raveling,

potholes, utility cut settlement, and other localized failures, and to provide a stable, uniform surface prior to paving operations.

2. Field verification and limits.

- Contractor shall review the project site with the City at the project site prior to the start of paving operations to jointly identify and confirm the specific pavement repair and confirm the locations, limits, and required patch locations, limits, and required repair depths.
- Contractor is responsible for performing a thorough field review and recommending additional repair areas where pavement conditions indicate repair is needed to produce a sound paving platform.
- Identified skin patch locations shall be incorporated into the Contractor's weekly workplan and shown on the workplan map prior to performing the work.

3. Repair depth.

- Skin patching depth shall be as directed by the City based on field conditions. Unless otherwise directed, skin conditions shall be a minimum of 2 inches and shall extend to sound pavement.
- Where distress extends deeper than the planned, Contractor shall notify the City and obtain direction prior to proceeding.

4. Removal and preparation.

- Sawcut or mill patch limits to form neat, straight edges. Patch areas shall be free of loose material, dust, and standing water.
- Remove failed asphalt to the required depth and dispose of removed material legally off-site unless otherwise approved.
- Apply tack coat to all vertical and horizontal contact surfaces in accordance with project specifications prior to placing new paving material.

5. Placement and compaction.

- Place hot mix asphalt in lifts appropriate to form a thickness and compact to form a dense, smooth surface flush with adjacent pavement.
- Finished patch adjacent pavement.
- Finished patch shall match existing grade, cross slope, and drainage pattern with slope, with no humps, depressions, or abrupt edges.

6. Workmanship and acceptance.

- Patches shall be free of segregation, raveling, cracking, shoving, or loose material.
- Joints shall be tight and well-bond with no visible gaps.

- Skin patches shall meet the applicable HMA acceptance requirements (density, smoothness, and workmanship) specified elsewhere in the Contract Documents. Nonconforming patches shall be corrected at no additional cost.

7. **Coordination with paving operations.**

- Complete and accept skin patching in a given segment prior to final paving/treatment segment unless otherwise directed by in that segment unless otherwise directed by the City.

- Coordinate with subs and City with no additional cost.

- Contractor shall maintain safe traffic control and access throughout patch operations and shall protect fresh patches until suitable for traffic.

Measurement and payment. Skin patching shall be paid under patching under the applicable bid item(s) (if provided) as specified in the bid schedule and special provisions. The Contractor's site review, coordination with site review, coordination with the City, layout, traffic control, and protection are included and not paid separately.

3-13.3 Crack Sealing

1. **Description.** Provide crack sealing of existing asphalt to pavement to reduce water intrusion and extend pavement life. Crack sealing includes routing/cleaning where required, furnishing and installing crack sealant, blotting, and cleanup in advance and of paving and surface treatments.

2. **Field verification and limits.**

- Contractor shall review the project site with the City prior to the start of paving or surface treatment operations to jointly identify and confirm crack sealing locations, limits, and priorities.

- Contractor is responsible for conducting a thorough field review and recommending additional crack sealing areas where warranted to achieve a sound surface prior to paving.

- Confirmed crack sealing locations shall be incorporated into the Contractor's weekly workplan and shown on the workplan map prior to performing the crack sealing.

3. **Cracks to be sealed.**

- Seal longitudinal and transverse cracks, and non-working cracks, as directed by, the City.

- Unless otherwise directed, seal cracks generally 1/8 inch to 1 inch in width that are reasonably tight and suitable for sealing.

- Do not seal cracks that require full-depth repair, skin patch that require full-depth repair, skin patching, or are otherwise unsuitable due to excessive movementing, or are otherwise unsuitable due to excessive movement or deterioration. Notify the City for direction.

4. **Materials.**

- Use a hot-poured rubberized asphalt crack sealant meeting ASTM D6690, Type II or Type IV (as appropriate for climate/ appropriate for climate/traffic and as accepted by the City.

- Provide manufacturer's product data and recommended installation temperatures. Use approved primer if required by the sealant manufacturer.

5. **Surface preparation.**

- Cracks shall be clean and dry prior to sealing. Remove vegetation, debris, loose material, and moisture using compressed air, heat lance, vacuum, wire brushing, or other City accepted methods.

- If routing is directed, rout cracks to produce a uniform reservoir and remove all dust prior to sealing.

- Crack sealing shall not be performed on wet pavement, during precipitation, or when conditions will prevent proper adhesion.

6. **Placement.**

- Heat and apply sealant in strict accordance with manufacturer's recommendations and temperature limits.

- Fill cracks completely to form a neat, continuous seal without voids, skips, or excessive overbanding.

- Unless otherwise directed, provide an overband not exceeding 2 inches in width and not more than 1/8 inch above the pavement surface.

- Immediately apply blotter (sand or approved material) where necessary to prevent tracking/pickup.

7. **Traffic control and protection.**

- Provide traffic control and maintain safe access at all times.

- Protect freshly sealed cracks from traffic until sealant has cooled and set to prevent pickup/tracking and surface smearing.

8. **Workmanship and acceptance.**

- Complete coverage will be accepted based on:

- Complete coverage of designated cracks, with continuous seal and proper bonding.

- No pull-out, skips, voids, tracking, or excessive overband.

- Clean workmanship with no sealant spread into the gutter, at driveways, or onto concrete surfaces.

- Proper cleanup of excess material and blotter at concrete surfaces.

9. Nonconforming work.

- Nonconforming work shall be corrected at no additional cost.

10. Coordination with paving/surface treatments.

- Crack sealing shall be completed in a segment **prior to paving/surface in that treatment** unless otherwise directed by the City.
- Contractor shall sequence work to avoid contaminating tack coat areas and shall remove any excess crack sealant that interferes with bonding of subsequent treatments work to avoid contaminating tack coat areas and shall remove any excess crack sealant.

11. **Measurement and payment.** Crack sealing shall be paid under the applicable bid item(s) (if provided) as specified in the bid schedule and special provisions. The Contractor's site review coordination with the City, layout, traffic control, and protection are included and not paid separately.

3-14 ROADWAY STRIPING AND PAVEMENT MARKINGS

1. General

1. **Scope.** Provide all labor, equipment, materials, layout, surface preparation, traffic control, and incidentals necessary to install pavement markings/striping and to paint red curb, complete in place, in conformance with City, Caltrans and SSPWC (Greenbook) latest adopted edition, requirements and as directed by the City.

2. **Sequencing.** Perform cat tracking and permanent striping only after the pavement surface is ready and accepted for marking. Where construction activities occur remove existing markings, provide temporary markings, and provide restoration as directed by the City.

2. Materials and Application

1. **Pavement marking materials.** Use materials and application methods and application methods complying with City, Caltrans, and SSPWC requirements and standard practices for traffic striping (paint, beads, adhesives, markers, etc.), as applicable to the specified marking type(s).

2. **Workmanship.** Markings shall be straight, true to line, properly straight, properly located, and uniformly applied with clean edges and uniformly applied.

3. **Intent.** Paint red curb at curb ramps and crosswalk approaches in accordance with Assembly Bill 413 per plan and City direction.

4. **Limits.** Unless otherwise shown on plans or directed by City, red curb paint shall start at the "top of X" at the wing of the curb ramp and extend a maximum length of 20 feet along the curb line (or as directed in the field).

5. **Coats.** Striping to be applied seven (7) days after cat tracking. Apply three (3) coats of

approved red curb and striping paint. Each coat shall be applied only after the prior coat has thoroughly dried/cured. Dry/cure time is seven (7) days between first and second coats, and three (3) days between second and third coats. Finished red curb and striping shall be uniform in color and with no streaking or thin spots. Follow Greenbook standards for application.

4. Temporary Traffic Control, Lane Closure, and Night Work (Striping Operations)

1. **Traffic Control Plan (TCP).** Striping operations that require lane closures, detours, or work zone shifts shall be performed only under an approved TCP. When required by the City, the Contractor shall submit stamped and signed TCPs prepared by a currently California Licensed Traffic Engineer, including devices and measures needed for the work, including night work when applicable.

2. **Lane closure restrictions (Norwalk standard).**

    - No lane closures on major highways during peak hours 6:30–8:30 AM and 3:30–8:30 PM, Monday–Friday.

    - Always maintain one lane in each direction open to traffic, unless otherwise approved in writing by the City.

3. **Night work / weekend work.**

    - No night or weekend work or weekend work shall be performed unless approved in writing by the City.

    - No additional compensation shall be paid for approved night or weekend work.

    - When night work (or a variation of work hours) is permitted/directed provide the City twenty-four (24) hours' notice so inspection may be provided. Contractor may be charged for approved overtime/weekend inspections requested by the Contractor.

4. **Public notifications and coordination.** Where striping operations affect access, parking, or traveling operations/lanes, provide notices and coordination consistent with the City's traffic control and notification requirements including coordination with schools, transit, refuse/sweeping.

5. **Temporary Delineation.** (If Permanent Striping Is Deferred) If permanent striping cannot be placed immediately after paving due to sequencing, cure to sequencing, cure time, or City direction, provide temporary delineation and markings, and maintain them until permanent striping is installed and accepted. Temporary re-striping may be required where construction striping may be required where construction obliterates centerlines, lane lines, medians, etc.

6. Measurement and Payment

- **Traffic control.** All costs for traffic control, including lane closures, detours, devices, PCMS where detours required, and notifications associated with striping operations, shall be included in the traffic control bid. No additional compensation

shall be allowed.

- **Striping/markings and red curb.** Payment shall be per the applicable bid item(s) included in the striping scope if not separately bid.

Stop Sign Post Reflective Wrap (Project Limits)

1. **General.** All STOP sign posts (new installations and existing STOP sign posts that are removed/reinstalled, replaced, or protected in place) within the project limits shall be provided with a red retroreflective post wrap meeting the requirements herein and as directed by the City.

2. **Extent of wrap.** Provide red retroreflective wrap on each STOP sign post starting 6 inches above finished surface grade and extending to 1 inch below the bottom edge of the lowest sign panel mounted on that post (i.e., to just below the STOP sign), unless otherwise directed by the City.

3. **Materials.**

   - Retroreflective post wrap shall be red retroreflective sheeting conforming to ASTM D4956 (Type IV minimum) for traffic control applications, suitable for nighttime visibility and outdoor exposure (UV, moisture, and temperature cycling).

   - Use a grade/type consistent with typical traffic sign post wraps. City acceptance required.

   - Provide manufacturer product data and installation instructions.

4. **Surface preparation and installation.**

   - Install per manufacturer's recommendations.

   - Clean post surfaces (galvanized steel or other approved post material) of dirt, oils, oxidation, and loose material prior to installation.

   - Install wrap plumb, smooth, and tight with no wrinkles, bubbles, gaps, fishmouths, or lifting edges.

   - Place seams neatly and orient seams away from the primary approach view where practical.

   - Replace any wrap that becomes damaged, delaminates, or loses adhesion prior to Final Acceptance at no additional cost.

5. **Acceptance.** Work will be accepted based on compliance with the required vertical limits, uniform appearance, adhesion, and nighttime retroreflective performance. Nonconforming installations shall be corrected at no additional cost.

6. **Measurement and payment.** This work shall be incidental to sign/post to Final Acceptance at no additional cost.

3-15 COMPLETION, ACCEPTANCE, AND WARRANTY

3-15.1 Completion

Add the following sentence to this subsection:

The Contractor shall complete all Work under the Contract within **70** working days indicated in Section IB – INSTRUCTIONS TO BIDDERS. If Additive Alternate Bid Schedule – Zone 6 is awarded, **15** working days are be added to the Contract.

3-15.2 Acceptance.

This subsection shall be supplemented by the following paragraphs:

Pavement Treatment Acceptance Criteria

Applies to: HMA paving (including overlays), grind & overlay, ARAM, slurry seal.
Basis of acceptance: Visual/workmanship + performance-based + objective test results. Failure of any criterion constitutes nonconforming work.

1. General Requirements (All Treatments)

1.1 Minimum placement temperatures (supersedes Greenbook)

No pavement treatment material shall be placed unless both:

- Ambient air temperature ≥ 70°F, and
- Pavement surface temperature ≥ 70°F
  at the time of placement, measured at the work location. Temperatures shall be measured and logged at start of placement and at least hourly (and when conditions change).

1.2 Visual and workmanship acceptance (all treatments)

Finished surface shall be uniform, smooth, and free of defects, including but not limited to:

- Crumbling or raveling
- Unraveled/loose aggregate or aggregate loss
- Excessive or visible squeegee marks (where applicable)
- Cosmetic defects, streaking, segregation, or discoloration
- Ripples/waves, ridges, bumps/depressions, poor joints/transitions, ponding or drainage impacts

1.3 Coverage and uniformity (all treatments)

Provide full and consistent surface coverage acceptable to the City, with no areas of visual non-uniformity, including thin/transparent areas, missed areas, uncovered streaks, inconsistent texture, or inconsistent aggregate distribution.

1.4 Corrective work

Nonconforming work shall be corrected at no additional cost by methods approved/directed by the City (remove/replace, reapply, resurface, retexture, etc.). If defects are widespread or recurring, City may require correction of the full affected segment/phase.

2. Hot Mix Asphalt (HMA) Acceptance Criteria

2.1 Objective acceptance tests

A. In-place density (cores unless otherwise approved)

- Determine maximum theoretical specific gravity Gmm per AASHTO T 209.
- Determine in-place bulk specific gravity Gmb by AASHTO T 166 (or T 275 where applicable).
- Acceptance: Lot average density shall be 90.0% to 97.0% of Gmm.
- Joint density (if measured): not less than 90.0% of Gmm or not more than 2.0% below mat density (use the more stringent of the two if both are specified by the City).
- Lot definition: each day's production per mix type (or max 1,000 tons, whichever is smaller).
- Frequency: minimum one set of cores per lot (typ. 3 cores/lot) plus one joint core per lot where joints are constructed.

B. Thickness

- Measured from cores or City-approved method.
- Acceptance: average thickness ≥ plan thickness; no individual core more than 0.25 inch below plan thickness (or 10% below, whichever is more restrictive).

C. Smoothness / surface tolerances

- 10-foot straightedge (or inertial profiler if required by the City).
- Acceptance: ≤ 1/4 inch deviation in 10 feet (check at longitudinal joints, transitions, and utility adjustments).

D. Joints and transitions

- Straightedge at joints and transitions: ≤ 1/4 inch deviation in 10 feet; no abrupt edges creating ride or safety hazards.
- The paving shall be performed in such a way as to not leave any longitudinal paving joints at the end of each day's operation. Longitudinal paving joints shall be wedge type and shall be constructed as shown on the plan details. The longitudinal paving joint layout shall be submitted to the Engineer for approval and shall be reviewed at the pre-paving meeting.
- The longitudinal and transverse paving joint layout shall be submitted to the Engineer for approval and shall be reviewed at the pre-paving / weekly meetings.

- Longitudinal joints shall coincide with the traffic lines. The Contractor shall layout and mark the location of the edges of the paving passes of the surface course to match the new layout of the lane lines. The layout shall be made at least twenty-four (24) hours prior to paving. The layout shall be approved by the Engineer prior to paving.

- If the striping is to remain unchanged, the edges of the paving passes shall conform to the existing lane edges.

- Each lane shall be paved in a single pass unless otherwise approved by the Engineer. In tapered transition areas, the shoulder areas shall be paved first, then the through lane shall be hot-lapped immediately after the shoulder paving.

- **Failure to meet the joint requirements shall subject the Contractor to liquidated damages in the amount of $5,000 per joint.**

- **Cold Joints**

    - All cold joints, both longitudinal and transverse, shall be heated with a torch immediately prior to paving. Care shall be exercised to not damage the asphalt concrete by burning or excessive aging, as determined by Engineer. Damaged material shall be removed by saw cutting to form a new cold joint followed by torch heating. Cold joints include previous passes placed more than three (3) hours prior. All cold joints shall be tack-coated

    - **Failure to meet the cold joint requirements shall subject the Contractor to liquidated damages in the amount of $5,000 per joint.**

- **Temporary Transitions**

    - The Contractor shall construct temporary pavement transitions at all paving joints and at all cold-milled areas greater than 1 inch prior to allowing traffic onto the paved surface and cold-milled surfaces. This includes both longitudinal and transverse directions. Temporary pavement transitions shall have a slope of 20:1 or as approved by the Engineer and be constructed on Kraft paper or other suitable bond breaker such that upon removal of the temporary pavement transition, a clean notch remains. The temporary transitions may be constructed of either cold mix or hot mix.

    - The Contractor shall construct temporary pavement transitions at all PCC facility transitions greater than

    - 1 inch around corners from beginning of curb return to end of curb return, at PCC cross gutters, and PCC spandrels.

    - The Contractor shall continuously maintain the temporary pavement until final paving. Each temporary transition shall be inspected by the Contractor and repaired as necessary to comply with these Provisions at the end of each day, including weekends and holidays.

    - **Failure to comply with these provisions shall result in liquidated damages of $5,000 per day per transition and/or the cost of Agency crews making the**

repairs, if necessary, to correct for public safety.

- **Layout**
    - The Contractor shall lay out and mark the location of the edges of the paving passes of the surface course to match the new layout of the lane lines. The layout shall be made at least twenty-four (24) hours prior to paving. The layout will be approved by the Engineer prior to paving.
    - If the striping is to remain unchanged, the edges of the paving passes shall conform to existing lane edges.
    - In all cases where practical, each lane shall be paved in a single pass. In tapered transition areas, the shoulder areas shall be paved first; then the through lane shall be hotlapped immediately after the shoulder paving.
    - For paving that incorporates new quarter points, or grade breaks or other conditions, the Contractor shall provide equipment capable of adjusting to the new surface profile at the appropriate locations. The profile adjustments shall be within 12 inches of the actual quarter point or grade break.
    - The Contractor shall take sufficient measurements during laydown to ensure the full design asphalt concrete layer depth is provided at each quarter point, grade break, or transition. Failure to provide the design depth at these areas shall result in rejection of the work. Correction of this rejected work shall include milling out the new asphalt concrete from the road edge to the centerline or nearest inside lane line and repaving. The minimum length of the milled and corrected area shall be 50 feet.

2.2 Visual/workmanship (HMA-specific)

Rejectable conditions include segregation, tearing, checking, roller marks, tender mix distortion, shoving/washboarding, raveling, bleeding, or tack pickup affecting texture/skid or appearance.

2.3 Performance-based acceptance (HMA)

No slippage, debonding/delamination, rutting, shoving, or premature distress attributable to materials/workmanship within the contract correction period.

3. Grind & Overlay Acceptance Criteria

(Applies in addition to Section 2 for the overlay)

3.1 Objective acceptance tests

A. Milling depth and tolerance

- Verify by spot measurements.
- Acceptance: milling depth within ± 0.25 inch of plan; transitions feathered to avoid lips.

B. Milled surface condition

- Milled surface shall be free of loose material and ridges; prepared for tack.
- Straightedge where directed: ≤ 3/8 inch deviation in 10 feet on the milled surface.

C. Cross slope and drainage preservation

- Verify at representative locations.
- Acceptance: cross slope within ± 0.3% of plan and no created ponding attributable to grinding/overlay operations.

D. Overlay thickness, density, smoothness

- Must meet all HMA criteria in Section 2.

3.2 Visual/workmanship (grind & overlay-specific)

No abrupt vertical edges at tie-ins, utility covers, pavement returns; transitions must be smooth and safe for vehicles and pedestrians (including ADA routes where applicable).

4. ARAM Acceptance Criteria

4.1 Submittals and calibration

Submit ARAM application plan including target binder and aggregate application rates, materials certifications, equipment list, rolling plan, and QC testing plan. Provide distributor/spreader calibration records prior to work and when directed.

4.2 Objective acceptance tests

A. Binder application rate

- Verify via distributor tickets and yield checks.
- Acceptance: within ± 0.05 gal/sy of the City-accepted target rate (or ±10%, whichever is more restrictive).

B. Aggregate application rate

- Verify via yield checks.
- Acceptance: within ± 16 lb/sy of target rate (or ±10%, whichever is more restrictive).

C. Aggregate gradation and cleanliness

- Provide a minimum of one gradation test per day (and per source change).
- Must meet approved gradation and be free of deleterious material.

D. Loose aggregate control / retention

- After cure and final sweep, surface shall exhibit no excessive loose aggregate and no

pickup/tracking under controlled traffic, as determined by the City.

E. Surface friction

- Test skid resistance per ASTM E274 (or City-approved equivalent) after final sweep and prior to final acceptance when directed.
- Acceptance: Skid Number (SN) ≥ 32.

F. Proof Rolling

- Provide a minimum of two (2) proof roll operations on the final surface treatment (after slurry seal) after a minimum of one (1) day of curing. Each operation shall have a minimum of 24 hours of cure time in between.

G. Type II Slurry Only

- Only Type II slurry as specified shall be used in conjunction with ARAM pavement operations. No use of Rubberized Emulsion Aggregate Slurry (REAS) shall be used unless specifically authorized by the City in writing.

4.3 Visual/workmanship (ARAM-specific)

Rejectable conditions include streaking/blotching, dry or thin areas, fat spots/bleeding, excessive loose aggregate, pickup/tracking, ridges, roller marks, and visible seams/overlaps not uniform in texture/appearance.

4.4 Performance-based acceptance (ARAM)

No raveling, aggregate loss, bleeding, or debonding attributable to improper materials, rates, rolling, or curing/protection.

5. Slurry Seal Acceptance Criteria

5.1 Mix design and QC submittals

Submit slurry seal mix design and component certifications (emulsion, aggregate, additives, water). Provide daily equipment calibration and application controls.

5.2 Objective acceptance tests

A. Application rate and yield

- Verify by yield checks and spreader settings.
- Acceptance: within ± 2 lb/sy of City-accepted target rate (or ±10%, whichever is more restrictive) and consistent texture.
- Additive: 2% latex.

B. Wet Track Abrasion (ISSA TB 100)

- Acceptance: ≤ 75 g/ft² loss (or City standard if more stringent).

C. Cohesion (ISSA TB 139)

- Acceptance: meets minimum cohesion required for traffic opening, as specified in the approved mix design (and/or City standard). Opening requires Engineer authorization and evidence of adequate set to prevent pickup/tracking.

D. Optional texture check (if required)

- Sand Patch Method ASTM E965 at City-directed frequency to verify macrotexture is consistent with City expectations.

5.3 Visual/workmanship (slurry-specific)

Rejectable conditions include crumbling/raveling, tearing, scratch marks, excessive squeegee marks, streaking/discoloration, scabbing, segregation, thin spots/missed areas, ridges at overlaps, and non-uniform aggregate distribution.

5.4 Performance-based acceptance (slurry)

No raveling, delamination, tearing, or significant aggregate loss attributable to mix design, application rate, workmanship, or premature opening.

6. Sampling, Lots, Retesting (All Treatments)

- The Engineer may sample the asphalt concrete from the plant, windrow, or mat at various intervals. The Contractor shall facilitate the sampling process.
- City may define lots by street segment, day's production, material type, or phase limits.
- If a lot fails: Contractor may request one retest at Contractor expense if approved by Engineer; retest does not waive visual/workmanship requirements.
- Final acceptance requires passing objective tests and meeting visual/performance criteria.

7. Final Acceptance

The Project will not be considered complete and ready for City Council direction to staff regarding recordation of the Notice of Completion until all required Work is completed, the Work site is cleaned up in accordance with Section 3-12 of Part 1 of the Standard Specifications and the Special Provisions, and all of the following items have been received by the City Engineer or his/her designee:

1. A form of Notice of Completion, with all information required by the California Civil Code;
2. All written guarantees and warranties;
3. All "as-builts";
4. Duplicate copies of all operation and maintenance manuals (O&M) and manufacturer's operating catalogs and data, together with such field instructions as necessary to fully instruct City personnel in correct operation and maintenance procedures for all equipment installed listed under the electrical, air conditioning, heating, ventilating and other trades. This data and instructions shall be furnished for all equipment requiring periodic adjustments, maintenance

or other operation procedures.
5. Certificate of Compliance for all materials being furnished.
6. Certified payroll copies and all appurtenant documents.
7. All conditional and unconditional waiver and releases.
8. Monument tie re-installation and records.

The Contractor shall allow at least seven (7) Working Days' notice for final inspection. Such notice shall be submitted to the City Engineer or his/her designee in writing.

In accordance with Section 6-8 of the Standard Specifications for Public Works Construction (Greenbook) and the California Public Contract Code, the Contractor shall not be entitled to final payment or release of retention until all closeout documentation specified herein has been furnished to and approved by the City Engineer or his/her designee.

7.1 As-Built Plans

Prior to the start of the Work, the Contractor shall identify and maintain for the Engineer a complete set of As-Built Plans and Specifications on the Project site at all times. All final locations determined in the field and any deviations from the Plans and Specifications shall be marked in red to show the as-built conditions. The Contractor shall update this set daily, showing every change from the originals, including exact as-built locations, sizes, and types of underground piping, valves, equipment, and all other work not visible at surface

Grade.

The As-Built Plans shall graphically show all as-built conditions, locations, configurations, and other details that vary from the details shown on the originals including all revisions made necessary by Addenda, Change Orders, and to meet field conditions.

In the case of details shown on the Plans that are superseded by approved Working Drawings or Shop Drawings, the As-Built Plans shall be updated by noting or graphically showing how those details are superseded.

Prior to submitting each monthly progress payment request, the Contractor shall request the Engineer's approval of the current As-Built Plans. The City Engineer's and his/her designee approval will be a prerequisite to approval of requests for each progress and final payment. The Agency will withhold $1,000 for each month that the As-Built Plans are deemed deficient by the Engineer.

The Contractor shall deliver the As-Built Plans to the Engineer within ten (10) days of completion of the Work.

No separate or additional payment will be made for the preparation and maintenance of As-Built Plans and Specifications. Payment will be considered as included in the Contract Unit Price for the various Bid items.

3-15.3 Warranty

This subsection shall be supplemented by the following:

For the purposes of the calculation of the warranty period, the Work shall be deemed complete upon the date of recordation of the Notice of Completion in accordance with the California Public Contract Code. If such recordation is contingent on the completion of any remaining punchlist

items, the Work shall be deemed complete upon the date of the City Engineer or his/her designee's acceptance of the final punchlist item(s), consistent with the definition of completion under the Public Contract Code. The Contractor shall repair or replace defective materials and workmanship as required in this Section 3-13.3 at its own expense. Additionally, the Contractor agrees to defend, indemnify and hold the City harmless from claims of any kind arising from damage, injury or death due to such defects.

The parties agree that no certificate given shall be conclusive evidence of the faithful performance of the Contract, either in whole or in part, and that no payment shall be construed to be in acceptance of any defective Work or improper materials. Further, the certificate or final payment shall not terminate the Contractor's obligations under the warranty herein. The Contractor agrees that payment of the amount due under the Contract and the adjustments and payments due for any Work done in accordance with any alterations of the same, shall release the City, the City Council and its officers and employees from any and all claims or liability on account of Work performed under the Contract or any alteration thereof.

3-15.4 Noncompliance with the Plans and Specifications

Failure of the Contractor to comply with any requirement of the Plans and Specifications and to immediately remedy any such noncompliance upon notice from the City Engineer and his/her designee may result in suspension of Contract progress payments on all items of work. Any progress payments so suspended shall remain in suspension until the Contractor's operations are brought into compliance to the satisfaction of the City Engineer and his/her designee. Upon determination by the Engineer that the Contractor is in compliance, progress payments will resume for those items of work that have been constructed in conformance with the Plans and the Specifications. No additional compensation will be due to Contractor as a result of the suspension of progress payments due to noncompliance with the Plans and Specifications.

SECTION 4. CONTROL OF MATERIALS

4-1 GENERAL

This subsection shall be supplemented with the following:

The Contractor and all Subcontractors, suppliers, and vendors shall guarantee that the Work will meet all requirements of this Contract as to the quality of materials, equipment, and workmanship.

Add the following subsection:

4-3.1.1 Access to Work

The City, City Engineer or his/her designee, its consultants and other representatives and personnel, independent testing laboratories, and governmental agencies with jurisdictional interests will have access to the site and Work at reasonable times for their observation, inspection, and testing. The Contractor shall provide them proper and safe conditions for such access and advise them of Contractor's safety procedures and programs.

The City Engineer or his/her designee shall be permitted access to all parts of the work, including plants where materials are manufactured or fabricated, and shall be furnished with such materials, information and assistance by the Contractor and its subcontractors and suppliers as is required to make a complete and detailed inspection.

4-3.2 Inspection By The Agency

This subsection shall be supplemented with the following:

The City Engineer or his/her designee will make, or have made, such inspections and tests as he/she deems necessary to see that the work is being accomplished in accordance with the requirements of the Contract Documents. In the event such inspections or tests reveal non-compliance with the requirements of the Contract, the Contractor shall bear the cost of such corrective measures deemed necessary by the City Engineer or his/her designee, as well as the cost of the subsequent re-inspection and re-testing. It shall be understood and agreed that the inspection or making of tests shall not constitute an acceptance of any portion of the work nor relieve the Contractor from compliance with the terms of the Contract.

It shall be the Contractor's responsibility to obtain Inspection in a timely manner prior to proceeding with any phase of construction. The Contractor shall neither allow nor cause any of its work to be covered or enclosed until it has been inspected, tested and approved by the Engineer.

The Contractor shall pay for the cost of any minimum “show up” costs of a materials testing technician that was called for by the Contractor but ultimately the Contractor work was not ready for the inspection. Any such costs shall be deducted from any amounts due to the Contractor.

4-3.3 Inspection of Items Not Locally Produced
This subsection shall be supplemented with the following:

If the manufacture of materials to be inspected or tested will occur in a plant or location greater than sixty (60) miles from the City, the Contractor shall pay for any excessive or unusual costs associated with such testing or inspection, including but not limited to excessive travel time, standby time and required lodging.

Add the following subsections:
4-3.4 Other Inspection Requirements

The City will provide standard progress building and public works inspection at no cost to the Contractor. Contractor shall arrange and pay for all other inspections required by ordinance or governing authorities, including tests in connection therewith, as may be assigned to it in other sections of the specifications.

Defective work shall be made good, and unsuitable materials will be rejected, notwithstanding the fact that such defective work and unsuitable materials have been previously overlooked by the City Engineer or his/her designee and accepted or estimated for payment.

Work done in the absence of prescribed inspection may be required to be removed and replaced under the proper inspection, and the entire cost of removal and replacement, including the cost of all materials which may be furnished by the City and used in the work thus removed, shall be borne by the Contractor, regardless of whether the work removed is found to be defective or not. Work covered without the authority of the City Engineer or his/her designee shall, upon order of the City Engineer or his/her designee, be uncovered to the extent required, and the Contractor shall similarly bear the entire cost of performing all the work and furnishing all the materials necessary for the removal of the covering and its subsequent replacement.

Where a work feature is shown on the drawings or identified in the Specifications but is not

specifically indicated as an item in the bid sheets, and there is no ambiguity regarding the requirement to construct and/or install that work feature, the Contractor is required to complete the work feature. All costs to the Contractor for constructing and/or installing such a work feature shall be included in the bid.

4-3.5 Inspection and Final Acceptance

The City may inspect and accept or reject any of Contractor's work, either during performance or when completed. The City shall reject or finally accept Contractor's work within forty-five (45) days after submitted to City. City acceptance occurs only by the City's written acceptance. The City's failure to issue written acceptance within any stated period shall not be deemed acceptance of the Work and shall not relieve the Contractor of responsibility for compliance with the Contract Documents. The City's acceptance shall be conclusive as to such work except with respect to latent defects, fraud and such gross mistakes as to amount to fraud. Acceptance of any work by the City shall not constitute a waiver of any of these provisions including, but not limited to pertaining to warranty and indemnification and insurance, respectively.

The Contractor shall allow at least seven (7) working days' notice for final inspection. Such notice shall be submitted to the City Engineer or his/her designee in writing.

The City shall not be held responsible for the care or protection of any material or parts of the work prior to final acceptance, except as expressly provided in these Special Provisions.

4-4 TESTING

This subsection shall be supplemented with the following:

Except as elsewhere specified, the City shall bear the cost of verification testing for materials and workmanship that meet or exceed the requirements indicated in the Standard Specifications and the Special Provisions. The cost of all other tests, including the retesting of material or workmanship that fails to pass the first test, shall be borne by the Contractor.

Add the following subsection:

4-4.1 SOILS ENGINEERING AND TESTING

A certified materials testing firm may be retained by the City to perform materials tests during the Contractor's entire operation to ascertain compliance with the Contract requirements. The City shall be responsible for the first series of tests. If the initial tests do not meet the Contract requirements, the Contractor shall bear the cost of all subsequent tests.

If the City requires other tests or more specific requirements for testing regarding this Project, those details will be included in the Special Provisions.

4-6 TRADE NAMES

If the Contractor requests to substitute an equivalent item for a brand or trade name item, the burden of proof as to the comparative quality and suitability of alternative equipment or articles or materials shall be upon the Contractor, and the Contractor shall furnish, at its own expense, all information necessary or related thereto as required by the City Engineer or his/her designee. All requests for substitution shall be submitted, together with all documentation necessary for the City Engineer or his/her designee to determine equivalence, no later than five (5) Days after the

award of Contract, unless a different deadline is listed in the Special Provisions, or as mutually agreed with City Engineer or his/her designee.

SECTION 5. LEGAL RELATIONS AND RESPONSIBILITIES

5-3 LABOR

5-3.1 GENERAL

Add the following subsection:

5-3.1.1 Public Work

The Contractor acknowledges that the Project is a "public work" as defined in Labor Code Section 1720 *et seq*. ("Chapter 1"), and that this Project is subject to (a) Chapter 1, including without limitation Labor Code Section 1771 and (b) the rules and regulations established by the Director of Industrial Relations ("DIR") implementing such statutes. The Contractor shall perform all Work on the Project as a public work. The Contractor shall comply with and be bound by all the terms, rules and regulations described in (a) and (b) as though set forth in full herein.

5-3.2 Prevailing Wages

This subsection shall be supplemented by the following paragraphs:

Pursuant to Labor Code Section 1773.2, copies of the prevailing rate of per diem wages for each craft, classification, or type of worker needed to perform the Project are on file at City Hall and will be made available to any interested party on request. By initiating any Work, the Contractor acknowledges receipt of a copy of the DIR determination of such prevailing rate of per diem wages, and the Contractor shall post such rates at each job site covered by these Contract Documents.

The Contractor shall comply with and be bound by the provisions of Labor Code Sections 1774 and 1775 concerning the payment of prevailing rates of wages to workers and the penalties for failure to pay prevailing wages. The Contractor shall, as a penalty paid to the City, forfeit two hundred dollars ($200) for each calendar day, or portion thereof, for each worker paid less than the prevailing rates as determined by the DIR for the work or craft in which the worker is employed for any public work done pursuant to these Contract Documents by the Contractor or by any Subcontractor.

5-3.3 Payroll Records

This subsection shall be supplemented by the following:

The Contractor shall comply with and be bound by the provisions of Labor Code Section 1776, which requires the Contractor and each Subcontractor to (1) keep accurate payroll records and verify such records in writing under penalty of perjury, as specified in Section 1776, (2) certify and make such payroll records available for inspection as provided by Section 1776, and (3) inform the City of the location of the records. The Contractor has ten (10) days in which to comply subsequent to receipt of a written notice requesting these records, or as a penalty to the City, the Contractor shall forfeit one hundred dollars ($100) for each day, or portion thereof, for each worker, until strict compliance is effectuated. Upon the request of the Division of Labor Standards Enforcement, these penalties shall be withheld from progress payments then due.

5-3.4 Hours of Labor

This subsection shall be supplemented by the following:

The Contractor acknowledges that eight (8) hours labor constitutes a legal day's work. The Contractor shall comply with and be bound by Labor Code Section 1810. The Contractor shall comply with and be bound by the provisions of Labor Code Section 1813 concerning penalties for workers who work excess hours. The Contractor shall, as a penalty paid to the City, forfeit twenty-five dollars ($25) for each worker employed in the performance of this Project by the Contractor or by any Subcontractor for each calendar day during which such worker is required or permitted to work more than eight (8) hours in any one (1) calendar day and forty (40) hours in any one calendar week in violation of the provisions of Division 2, Part 7, Chapter 1, Article 3 of the Labor Code. Pursuant to Labor Code Section 1815, work performed by employees of the Contractor in excess of eight (8) hours per day, and forty (40) hours during any one week shall be permitted upon public work upon compensation for all hours worked in excess of eight (8) hours per day at not less than one and one-half (1-1/2) times the basic rate of pay.

5-3.5 Apprentices

This subsection shall be supplemented by the following:

The Contractor shall comply with and be bound by the provisions of Labor Code Sections 1777.5, 1777.6 and 1777.7 and California Code of Regulations Title 8, Section 200 *et seq*. concerning the employment of apprentices on public works projects. The Contractor shall be responsible for compliance with these Sections for all apprenticeable occupations. Before commencing Work on this Project, the Contractor shall provide the City with a copy of the information submitted to any applicable apprenticeship program. Within sixty (60) Days after concluding Work, Contractor and each of its Subcontractors shall submit to the City a verified statement of the journeyman and apprentice hours performed under this Contract.

Add the following subsections to the Standard Specifications:

5-3.6 Debarment or Suspension

The Contractor shall not perform Work with any Subcontractor that has been debarred or suspended pursuant to California Labor Code Section 1777.1 or any other federal or State law providing for the debarment of contractors from public works. The Contractor and Subcontractors shall not be debarred or suspended throughout the duration of this Contract pursuant to Labor Code Section 1777.1 or any other federal or State law providing for the debarment of contractors from public works. If the Contractor or any Subcontractor becomes debarred or suspended during the duration of the Project, the Contractor shall immediately notify the City.

5-3.7 Registration with the DIR

In accordance with Labor Code Sections 1725.5 and 1771.1, no contractor or subcontractor shall be qualified to bid on, be listed in a bid proposal, subject to the requirements of Section 4104 of the Public Contract Code, or engage in the performance of any contract for public work, unless currently registered and qualified to perform public work pursuant to Section 1725.5.

5-3.8 Compliance Monitoring and Posting Job Sites

This Project is subject to compliance monitoring and enforcement by the DIR. The Contractor shall post job site notices, as prescribed by regulation.

5-3.9 Subcontractors

For every Subcontractor who will perform Work on the Project, the Contractor shall be responsible

for such Subcontractor's compliance with Chapter 1 and Labor Code Sections 1860 and 3700, and the Contractor shall include in the written Contract between it and each Subcontractor a copy of the provisions in this Section 5-3 of the General Provisions and a requirement that each Subcontractor shall comply with those provisions. The Contractor shall be required to take all actions necessary to enforce such contractual provisions and ensure Subcontractor's compliance, including without limitation, conducting a periodic review of the certified payroll records of the Subcontractor and upon becoming aware of the failure of the Subcontractor to pay its workers the specified prevailing rate of wages. The Contractor shall diligently take corrective action to halt or rectify any failure.

5-3.10 Prevailing Wage Indemnity

To the maximum extent permitted by law, the Contractor shall indemnify, hold harmless and defend (at the Contractor's expense with counsel reasonably acceptable to the City) the City, its officials, officers, employees, agents and independent contractors serving in the role of City officials, and volunteers from and against any demand or claim for damages, compensation, fines, penalties or other amounts arising out of or incidental to any acts or omissions listed in Section 5-3 of the General Provisions by any Person (including the Contractor, its Subcontractors, and each of their officials, officers, employees and agents) in connection with any Work undertaken or in connection with the Contract Documents, including without limitation the payment of all consequential damages, attorneys' fees, and other related costs and expenses. All duties of the Contractor under this Section 5-3.10 shall survive expiration or termination of the Contract.

5-4 INSURANCE

5-4.1 General

The first paragraph of Section 5-4.1 of Part 1 of the Standard Specifications shall not be incorporated and shall instead be replaced with the following:

> The Contractor shall provide and maintain insurance naming the City, its elected and appointed officials, officers, employees, attorneys, agents, designated volunteers, and independent contractors in the role of City officials as insureds or additional insureds regardless of any inconsistent statement in the policy or any subsequent certification whether liability is attributable to the Contractor or the City. The insurance provisions shall not be construed to limit the Contractor's indemnity obligations contained in the Contract. The City will not be liable for any accident, loss, or damage to the Work before completion, except as otherwise specified in Section 6-5.
>
> The Contractor shall furnish the City with a current Certificate of Insurance annually for the duration of the Work.

Add the following subsections:

5-4.1.1 Insurance Coverages

Without limiting Contractor's indemnification of City, and prior to commencement of any services under this Agreement, Contractor shall obtain, provide and maintain at its own expense during the term of this Agreement, policies of insurance of the type and amounts described below and in a form satisfactory to City.

5-4.1.2 Proof of Insurance

Contractor shall provide certificates of insurance to City as evidence of the insurance coverage required herein, along with a waiver of subrogation endorsement for workers' compensation. Insurance certificates and endorsements must be approved by City's Risk Manager prior to commencement of performance. Current certification of insurance shall be kept on file with City at all times during the term of this Agreement. City reserves the right to require complete, certified copies of all required insurance policies, at any time.

5-4.1.3 Duration of Coverage

Contractor shall procure and maintain for the duration of this Agreement insurance against claims for injuries to persons or damages to property, which may arise from or in connection with the performance of the Services hereunder by Contractor, its agents, representatives, employees or subcontractors.

5-4.1.4 Primary/Noncontributing

Coverage provided by Contractor shall be primary and any insurance or self-insurance procured or maintained by City shall not be required to contribute with it. The limits of insurance required herein may be satisfied by a combination of primary and umbrella or excess insurance. Any umbrella or excess insurance shall contain or be endorsed to contain a provision that such coverage shall also apply on a primary and non-contributory basis for the benefit of City before the City's own insurance or self-insurance shall be called upon to protect it as a named insured.

5-4.1.5 City's Rights of Enforcement

In the event any policy of insurance required under this Agreement does not comply with these specifications or is canceled and not replaced, City has the right but not the duty to obtain the insurance it deems necessary and any premium paid by City will be promptly reimbursed by Contractor or City will withhold amounts sufficient to pay premium from Contractor payments. In the alternative, City may cancel this Agreement.

5-4.1.6 Acceptable Insurers

All insurance policies shall be issued by an insurance company currently authorized by the Insurance Commissioner to transact business of insurance or that is on the List of Approved Surplus Line Insurers in the State of California, with an assigned policyholders' Rating of A- (or higher) and Financial Size Category Class VI (or larger) in accordance with the latest edition of Best's Key Rating Guide, unless otherwise approved by the City's Risk Manager.

5-4.1.7 Waiver of Subrogation

All insurance coverage maintained or procured pursuant to this agreement shall be endorsed to waive subrogation against City, its elected or appointed officers, agents, officials, employees and volunteers or shall specifically allow Contractor or others providing insurance evidence in compliance with these specifications to waive their right of recovery prior to a loss. Contractor hereby waives its own right of recovery against City, and shall require similar written express waivers and insurance clauses from each of its subcontractors.

5-4.1.8 Enforcement of Contract Provisions (Non-Estoppel)

Contractor acknowledges and agrees that any actual or alleged failure on the part of the City to inform Contractor of non-compliance with any requirement imposes no additional obligations on the City nor does it waive any rights hereunder.

5-4.1.9 Requirements not Limiting

Requirements of specific coverage features or limits contained in this section are not intended as a limitation on coverage, limits or other requirements, or a waiver of any coverage normally provided by any insurance. Specific reference to a given coverage feature is for purposes of clarification only as it pertains to a given issue and is not intended by any party or insured to be all inclusive, or to the exclusion of other coverage, or a waiver of any type. If the Contractor maintains higher limits than the minimums shown above, the City requires and shall be entitled to coverage for the higher limits maintained by the Contractor. Any available insurance proceeds in excess of the specified minimum limits of insurance and coverage shall be available to the City.

5-4.1.10 Notice of Cancellation

Contractor agrees to oblige its insurance agent or broker and insurers to provide to City with a thirty (30) day notice of cancellation (except for nonpayment for which a ten (10) day notice is required) or nonrenewal of coverage for each required coverage.

5-4.1.11 Additional Insured Status

General liability policies shall provide or be endorsed to provide that City and its officers, officials, employees, and agents, and volunteers shall be additional insureds under such policies. This provision shall also apply to any excess/umbrella liability policies.

5-4.1.12 Prohibition of Undisclosed Coverage Limitations

None of the coverages required herein will be in compliance with these requirements if they include any limiting endorsement of any kind that has not been first submitted to City and approved of in writing.

5-4.1.13 Separation of Insureds

A severability of interests provision must apply for all additional insureds ensuring that Contractor’s insurance shall apply separately to each insured against whom claim is made or suit is brought, except with respect to the insurer’s limits of liability. The policy(ies) shall not contain any cross-liability exclusions.

5-4.1.14 Pass Through Clause

Contractor agrees to ensure that its subconsultants, subcontractors, and any other party involved with the project who is brought onto or involved in the project by Contractor, provide the same minimum insurance coverage and endorsements required of Contractor. Contractor agrees to monitor and review all such coverage and assumes all responsibility for ensuring that such coverage is provided in conformity with the requirements of this section. Contractor agrees that upon request, all agreements with consultants, subcontractors, and others engaged in the project will be submitted to City for review.

5-4.1.15 Agency’s Right to Revise Specifications

The City reserves the right at any time during the term of the contract to change the amounts and types of insurance required by giving the Contractor ninety (90) days advance written notice of such change. If such change results in substantial additional cost to the Contractor, the City and Contractor may renegotiate Contractor's compensation.

5-4.1.16 Self-Insured Retentions

Any self-insured retentions must be declared to and approved by City. City reserves the right to require that self-insured retentions be eliminated, lowered, or replaced by a deductible. Self-insurance will not be considered to comply with these specifications unless approved by City.

5-4.1.17 Timely Notice of Claims

Contractor shall give City prompt and timely notice of claims made or suits instituted that arise out of or result from Contractor's performance under this Agreement, and that involve or may involve coverage under any of the required liability policies.

5-4.1.18 Additional Insurance

Contractor shall also procure and maintain, at its own cost and expense, any additional kinds of insurance, which in its own judgment may be necessary for its proper protection and prosecution of the work.

5-4.2 General Liability Insurance

Contractor shall maintain commercial general liability insurance with coverage at least as broad as Insurance Services Office form CG 00 01, in an amount not less than $2,000,000 per occurrence, $4,000,000 general aggregate, for bodily injury, personal injury, and property damage. The policy must include contractual liability that has not been amended. Any endorsement restricting standard ISO "insured contract" language will not be accepted.

The Contractor shall at all times during the term of the Contract carry, maintain, and keep in full force and effect the insurance referenced in Section 5-4 of Part 1 of the Standard Specifications, as modified below.

Add the following subsections:
5-4.2.1 Additional Insureds

The City, its elected and appointed officials, officers, employees, attorneys, agents, designated volunteers, and independent contractors in the role of City officials, shall be the insured or named as additional insureds covering the Work, regardless of any inconsistent statement in the policy or any subsequent certification, whether liability is attributable to the Contractor or the City.

5-4.2.2 No Limitation on Indemnity

The insurance provisions shall not be construed to limit the Contractor's indemnity obligations contained in these Contract Documents.

5-4.2.3 Replacement Insurance

The Contractor agrees that it will not cancel, reduce or otherwise modify the insurance coverage.

The Contractor agrees that if it does not keep the required insurance in full force and effect, and such insurance is available at a reasonable cost, the City may take out the necessary insurance and pay the premium thereon, and the repayment thereof shall be deemed an obligation of the Contractor and the cost of such insurance may be deducted, at the option of the City, from payments due the Contractor. This shall be in addition to all other legal options available to the City to enforce the insurance requirements.

5-4.2.4 Certificates of Insurance with Original Certification

The Contractor shall submit to the City certificates of insurance with the original certifications, both of which reference the same policy number, for each of the insurance policies that meet the insurance requirements, not less than one (1) day before beginning of performance under the Contract. The certifications are to be signed by a person authorized by that insurer to bind coverage on its behalf. Certifications may be executed on the City's standard forms titled "Additional Insured Certification," copies of which are provided in the Contract Documents, or on any other form that contains substantially the same terms and is approved by the City's Risk Manager. In any case, the certifications must specifically name the City of Norwalk and its elected and appointed officials, officers, employees, attorneys, agents, designated volunteers, and independent contractors in the role of City officials as insureds or additional insureds. Current insurance certificates and certifications shall be kept on file with the City at all times during the term of this Contract. The City reserves the right to require complete, certified copies of all required insurance policies at any time.

5-4.2.5 Subcontractors

The Contractor shall require each Subcontractor (of every tier) to procure and maintain insurance meeting the requirements of these Contract Documents and to name the City and the Contractor as additional insureds as required. The Contractor shall obtain and maintain certificates and endorsements from each Subcontractor and shall provide them to the City upon request. Failure of any Subcontractor to maintain required insurance shall not relieve the Contractor of any obligation or liability under the Contract.

Contractor shall include all subcontractors as insureds under its policies or shall furnish separate certificates and certified endorsements for each subcontractor. All coverages for subcontractors shall include all of the requirements stated herein.

5-4.3 Workers' Compensation Insurance

This section shall be supplemented with the following:

Contractor shall maintain Workers' Compensation Insurance (Statutory Limits) and Employer's Liability Insurance (with limits of at least $1,000,000).

5-4.4 Automobile Liability Insurance

This subsection shall be replaced in its entirety by the following:

Contractor shall maintain automobile insurance at least as broad as Insurance Services Office form CA 00 01 covering bodily injury and property damage for all activities of the Contractor arising out of or in connection with Services to be performed under this Agreement, including coverage for any owned, hired, non-owned or rented vehicles, in an amount not less than $1,000,000

combined single limit for each accident.

5.7 SAFETY
5-7.8 Steel Plate Covers
5-7.8.1 General
This subsection shall be supplemented with the following:

The Contractor shall cover all openings, trenches and excavations at the end of each Work Day with steel plate covers.

Section 5-8 is hereby added to Section 5 of Part 1 of the Standard Specifications, as follows:

5-8 INDEMNIFICATION.
5-8.1 Contractor's Duty.

To the maximum extent permitted by law, the Contractor hereby agrees, at its sole cost and expense, to defend with competent defense counsel approved by the City Attorney, protect, indemnify, and hold harmless the City, its elected and appointed officials, officers, employees, volunteers, attorneys, agents (including those City agents serving as independent contractors in the role of City representatives), successors, and assigns (collectively "Indemnitees") from and against any and all claims (including, without limitation, claims for bodily injury, death or damage to property), demands, charges, obligations, damages, causes of action, proceedings, suits, losses, stop payment notices, judgments, fines, liens, penalties, liabilities, costs and expenses of every kind and nature whatsoever, in any manner arising out of, incident to, related to, in connection with or resulting from any act, failure to act, error or omission of the Contractor or any of its officers, agents, attorneys, servants, employees, Subcontractors, material suppliers or any of their officers, agents, servants or employees, and/or arising out of, incident to, related to, in connection with or resulting from any term, provision, image, plan, covenant, or condition in the Contract Documents; including, without limitation, the payment of all consequential damages, attorneys' fees, experts' fees, and other related costs and expenses (individually, a "Claim," or collectively, "Claims"). The Contractor shall promptly pay and satisfy any judgment, award or decree that may be rendered against any of the Indemnitees as to any such Claim. The Contractor shall reimburse Indemnitees for any and all legal expenses and costs incurred by each of them in connection therewith or in enforcing the indemnity herein provided. The Contractor's obligation to indemnify shall not be restricted to insurance proceeds, if any, received by the Contractor or Indemnitees. This indemnity shall apply to all Claims regardless of whether any insurance policies are applicable or whether the Claim was caused in part or contributed to by an Indemnitees.

5-8.2 Civil Code Exception

Nothing in this Section 5-8 shall be construed to encompass Indemnitees' sole negligence or willful misconduct to the limited extent that the underlying Contract is subject to Civil Code Section 2782(a) or the City's active negligence to the limited extent that the underlying Contract Documents are subject to Civil Code Section 2782(b), provided such sole negligence, willful misconduct or active negligence is determined by agreement between the parties or by the findings of a court of competent jurisdiction.

5-8.3 Nonwaiver of Rights

Indemnitees do not and shall not waive any rights that they may possess against the Contractor because the acceptance by the City, or the deposit with the City, of any insurance policy or certificate required pursuant to these Contract Documents. This indemnity provision is effective regardless of any prior, concurrent, or subsequent active or passive negligence by Indemnitees and shall operate to fully indemnify Indemnitees against any such negligence.

5-8.4 Waiver of Right of Subrogation

The Contractor, on behalf of itself and all parties claiming under or through it, hereby waives all rights of subrogation and contribution against the Indemnitees, while acting within the scope of their duties, from all Claims arising out of or incident to the activities or operations performed by or on behalf of the Contractor regardless of any prior, concurrent or subsequent active or passive negligence by Indemnitees.

5-8.5 Survival

The provisions of this Section 5-8 shall survive the term and termination of the Contract, are intended to be as broad and inclusive as is permitted by the law of the State, and are in addition to any other rights or remedies that Indemnitees may have under the law. Payment is not required as a condition precedent to an Indemnitee's right to recover under this indemnity provision, and an entry of judgment against the Contractor shall be conclusive in favor of the Indemnitee's right to recover under this indemnity provision.

SECTION 6. PROSECUTION AND PROGRESS OF THE WORK

6-1 CONSTRUCTION SCHEDULE AND COMMENCEMENT OF THE WORK

6-1.1 Construction Schedule

This subsection shall be supplemented with the following paragraphs:

The Contractor shall submit a Construction Baseline Schedule to the City Engineer or his/her designee upon issuance of Notice to Proceed 1, in accordance with the Project Milestone Schedule as provided in Section Instruction to Bidders at Milestone 1 task (within ten (10) working days). Any failure or delay by the Contractor to provide this schedule shall constitute sufficient cause for the City to withhold issuance of Notice to Proceed 2, suspend further work, and/or withhold progress payments until such time as the required schedule has been submitted and accepted by the City Engineer or his/her designee. In addition, such failure or delay shall be deemed a delay to the start of the Work for which the Contractor shall be liable for liquidated damages, as specified in the Contract Documents, for each calendar day beyond the required submittal date until the Construction Schedule is received and accepted.

The Contractor must submit to the City Engineer or his/her designee for review and approval the construction baseline schedule required by the first paragraph of Section 6-1.1. The baseline schedule shall include a master list of all material submittals. The Contractor shall make revisions as required by the City Engineer or his/her designee. The schedule must account for all subcontract work, as well as the work of the Contractor, submittals, coordination with the other contractors performing concurrent work and the Traffic Control Plan. The Contractor shall update this Construction Schedule when directed by the City Engineer or his/her designee, or when:

a. A Change Order significantly affects the Contract completion date or the sequence of construction approach or activities; or

b. The actual sequence of the Work, or the planned sequence of the Work, is changed and does not conform to the Contractor's current accepted Project construction schedule.

The Contractor shall submit a three-week lookahead schedule every week and an updated construction schedule with its monthly invoice every month with variance report and milestone updates. Progress payments shall be contingent upon the receipt of monthly updated construction schedules.

No field construction work may be started until the schedule has been approved in writing. The Work shall be scheduled to ensure that construction will be completed within the specified duration. The Contractor shall be held responsible for coordination of all phases of the operation so that the time schedule can be met.

Add the following subsections:

6-1.1.1 Construction Schedule Requirements

The Work under this Contract shall be planned, scheduled, executed, and reported by the Contractor using a Critical Path Method (CPM) schedule within a Work Breakdown Structure. The Contractor shall adhere to established technical standards for CPM scheduling using a computerized precedence diagram method. The Contractor is required to provide baseline schedule and monthly schedule updates for the City's review and approval; schedule shall be submitted to the City in hard copy (PDF format) and electronic format (Microsoft Project, Primavera P6, or approved equal).

The Contractor shall be responsible for coordinating its own schedule, including that of all subcontractors, as well as the construction activities of others as directed by the City Engineer or his/her designee. The Contractor shall ensure that all subcontractor activities are coordinated to maintain compliance with the approved construction baseline schedule. Any deviation resulting in delay shall be the sole responsibility of the Contractor and all delay impacts shall be attributed to the Prime Contractor.

The construction schedules include the baseline construction schedule, all monthly updates, revised schedules, recovery schedules, and weekly look-ahead schedules. All schedules shall be prepared by the Contractor in accordance with the project plans and specifications and must accurately reflect the Contractor's plan and status of the Work. The City Engineer or his/her designee's review or acceptance of any schedule does not relieve the Contractor of responsibility for complying with the Contract requirements, adhering to the required sequence of work, or completing any work omitted from the schedule within the Contract duration.

The construction baseline schedule shall bear the Contractor's stamp of approval signed by the Contractor. The Contractor's stamp of approval shall constitute a representation to the City Engineer or his/her designee that the Contractor verified all data in the Contractor's construction baseline schedule and assumes full responsibility for doing so, and that the Contractor has reviewed and coordinated all activities and logic in the Contractor's construction baseline schedule with the requirements of the Work.

The construction baseline schedules shall show the breakdown of Work into activities and relationships only to the extent required to effectively manage the Work. The baseline schedule shall show the division of the Work into activities and specify the progression from the Notice to Proceed to the completion of the Work. The Contract schedule shall include a Master List of Submittals and show appropriate time allowances for submittals, items of interface with work

performed by others, and specified Construction, Purchase Order, Field Test, Functional Test, Start-up and Performance Test activities or items such as these. Site-related activities shall not reflect a combining of work located in separate structures, work corresponding to different specifications, work performed by different subcontractors (first and second tiers), or rough-in and finish work of the same trade. All activity durations shall be in working days.

The construction baseline schedule shall include all procurement-related activities which lead to the delivery of permanent materials to the site. Procurement activities include, but may not be limited to, preparation of shop drawings, review and acceptance of shop drawings, materials fabrication, and materials delivery. Upon written approval by the City Engineer or his/her designee, these activities may be displayed or reported as a separate Off-Site Activities Schedule, properly correlated to the Contractor's construction baseline schedule.

If revisions are required, the Contractor shall make the necessary adjustments or corrections and resubmit the revised construction baseline schedule to the City Engineer or his/her designee. The resubmittal shall clearly identify, in writing, all adjustments or corrections made other than those specifically requested by the City Engineer or his/her designee's previous review comments.

The Contractor shall also provide written justification and a corresponding critical path variance report. A Time Impact Analysis (TIA) shall be submitted whenever a revision or change has the potential to affect the critical path or contract duration, including, but not limited to: Change Orders involving additional or revised work; delays due to unforeseen site conditions, utility conflicts, regulatory actions, or Force Majeure events; Owner-directed changes or resequencing of work; concurrent delays; requests for acceleration or recovery schedules; or when milestone or completion dates show slippage in variance reports.

In preparing all construction schedules, it is the responsibility of the Contractor to work with each subcontractor and supplier to obtain information pertinent to the planning and updating of their respective activities and schedules.

When the Construction Schedule is reviewed and accepted, it becomes the construction baseline schedule. From then on, all activities and their relationships may not be changed, added, or deleted without the consent of the City Engineer or his/her designee. The construction baseline schedule shall be revised when a Change Order is executed.

Software/Interface Requirements

The Contractor shall use CPM scheduling software to produce the Contract schedules and reports as specified herein. The software shall be commercially available for lease or purchase and be capable of processing and plotting schedule data as specified in this section.

The Contractor shall provide all schedules and schedule updates in electronic data format. The schedule files shall be in Microsoft Project or Primavera Project Planner (P6) format version or approved equal.

The Contractor shall use the work breakdown structure and guidelines.

The Contractor shall produce a construction schedule which will be an accurate representation of the proposed means and methods for accomplishing the Work. This schedule will show all logical relationships and constraints between activities.

The Contractor shall establish milestones such that the project can be completed on or before the Contract completion date. Contract interface milestones shall have an early start constraint date matching the milestone date.

Contract interim milestones and Contract completion shall have a late finish constraint date matching the milestone or Contract completion date. These are the only constraints allowed in the schedule without prior written approval by the City Engineer or his/her designee.

Use of Float

Total Float and Contract Float belong to the project and are not for the exclusive benefit of any party. Total Float is the number of days by which a part of the Work in the construction schedule may be delayed from its early dates without necessarily extending the Contract time. Contract Float is the number of days between the Contractor's anticipated date for early completion of the Work, or specified part, and the corresponding Contract time. They shall be available to the City, their consultants, or the Contractor, to accommodate changes in the Work, or to mitigate the effect of events which may delay performance or completion. The City will monitor and optimize the use of float for the benefit of the project.

Early Completion

An early completion schedule is one which anticipates completion of all or specified part of the Work ahead of the corresponding Contract time. Since Contract Float belongs to the project, the Contractor shall not be entitled to any extension in Contract time or recovery for any delay cost incurred because of extensions in an early completion date, until all Contract Float is used or consumed and performance or completion of the Work extends beyond the corresponding Contract Time.

Float Suppression

Float suppression techniques are prohibited. The Contractor shall remove any float suppression techniques, e.g. preferential sequencing (crew movements, equipment use, for reuse, etc.), extended durations, imposed dates, scheduling of non-critical work, artificial logic, and others as a prerequisite to a request for an increase in Contract price or Contract time. Use of any type of schedule constraint requires prior approval by the City Engineer or his/her designee.

Failure to meet the Section 6-1 Construction Schedule requirements shall subject the Contractor to liquidated damages in the amount of $5,000 per calendar day.

6-1.1.2 Pre-Construction Conference

Minimum of fourteen (14) days before the commencement of Work at the site, a Pre-Construction conference will be held at the City and shall be attended by the Contractor's Project Manager, its on-site Field Superintendent, and any subcontractors that the Contractor deems appropriate. Attendance by the Contractor and any subcontractors designated is mandatory.

Contractor shall submit its twenty-four (24) hour emergency telephone numbers to the City Engineer or his/her designee for approval a minimum of two (2) Working Days before the Pre-Construction conference. The purpose of the conference is to designate responsible personnel and establish a working relationship. The parties will discuss matters requiring coordination and

establish procedures for handling such matters. The complete agenda will be furnished to the Contractor before the meeting date.

Unless previously submitted to the City Engineer, the Contractor shall bring to the Pre-Construction conference copies of each of the following and be prepared to discuss each:

1) Construction baseline schedule.
   a. if the scope of work requires phasing, Contractor shall provide color coded map showing all work locations and dates on map.
2) Procurement schedule of major equipment and materials and items requiring long lead time. This item shall be provided in construction baseline schedule.
3) Shop drawing/sample submittal schedule.
4) Preliminary schedule of values (lump sum price breakdown) for progress payment purposes.
5) Written designation of the on-site Field Superintendent and Project Manager. Both daytime and emergency telephone numbers shall be included in the written designation.
6) Stamped Traffic Control Plan by Professional Civil/Traffic Engineer.
7) Inspection and Testing Requirements.
8) Notification of residents/businesses before starting any work and keeping them informed throughout the Project.
9) Posting of temporary “No Parking” signs.
10) Inspection and testing requirements.
11) Processing applications for payment.
12) Maintaining record documents.
13) Critical Work sequencing.
14) Maintaining sewage service during construction, including proposed bypasses.
15) NPDES requirements, if any.
16) Field decisions and Change Orders.
17) Use of Project site, office and storage areas, security, housekeeping, and the City’s needs.
18) Major equipment deliveries and priorities.
19) Special City requirements.
20) Any other item that the City representative states is relevant to the meeting.

6-1.1.3 Weekly Progress Meetings

Progress meetings will be held each week during the course of the Project. The meeting location, day of the week and time of day will be mutually agreed to by the City and the Contractor. The Contractor shall provide a three (3) week “look ahead” schedule for each meeting. The Construction Manager will preside at these meetings and will prepare the meeting agenda, meeting minutes and will distribute minutes to all persons in attendance. As the Work progresses, if it is determined by agreement of the attendees, that weekly meetings are not necessary, the weekly progress meetings may be changed to bi-weekly progress meetings.

6-1.2 Commencement of the Work

This subsection shall be supplemented by the following:

The Contractor shall not begin any construction activity at the site before the issuance of the Notice to Proceed. Any Work that is done by the Contractor in advance of the Notice to Proceed

shall be considered as being done at the Contractor's own risk and responsibility, and consequently, may be subject to rejection.

Prior to the issuance of Notice to Proceed, the Contractor shall provide the following:

- The Contractor shall provide all required contract bonds and evidence of insurance
- The Contractor shall submit a construction schedule to the City Engineer upon Notice to Proceed 1 issuance in accordance with the Instruction to Bidders milestone schedule as described in Milestone 1 Task
- The Contractor shall submit traffic control plans prepared by a licensed Traffic/Civil Engineer to the City Engineer or his/her designee for approval upon Notice to Proceed 1 issuance in accordance with the Instruction to Bidders milestone schedule as described in Milestone 1 Task
- The Contractor shall obtain a City of Norwalk business license
- Obtain a no-fee Construction Permit from the City of Norwalk

Notwithstanding any other provisions of the Contract, the Contractor shall not be obligated to perform any Work and the City shall not be obligated to accept or pay for any Work performed by the Contractor prior to delivery of a Notice to Proceed. The City's knowledge of work being performed prior to delivery of the Notice to Proceed shall not obligate the City to accept or pay for such work.

Add the following subsection:
6-1.2.1 Construction Schedule Updates

The Contractor shall be solely responsible for the preparation, maintenance, and updating of the construction schedule. Contract time, including all milestone dates shall not be modified except by a duly executed Change Order approved by the City.

The Contractor shall update the construction schedule each month when submitting progress payment applications. Updating the schedule shall consist of the following:

1.1 Monthly Schedule Updates:

The Contractor shall submit an updated construction schedule each month with the progress payment application. The updated schedule shall show actual start and finish dates, progress of activities and remaining durations. The monthly schedule updates shall include critical path variance report. Submission of an updated schedule shall be a condition precedent to processing payment. Updating the construction schedule shall not in itself amend or extend Contract time, the Contract completion date or milestone dates.

1.2 Corrections to the Schedule:

The Contractor shall correct errors or omissions in the schedule identified by the City Engineer or his/her designee, including but not limited to, inaccurate dates, out-of-sequence activities, or failure to show required milestones. The Contractor shall also correct any known errors whether or not identified by the City. It shall be Contractor's responsibility to provide accuracy on all schedules. Failure to comply may result in the City's issuance of Stop Notices.

2.1 Revisions to the Schedule:

Revisions are defined as any change to activities, durations, or logic beyond the routine updating of actual progress. All schedule revisions shall require prior written approval of the City Engineer or his/her designee.

Revisions to the schedule shall be limited to changes necessitated by approved Change Orders, City-directed modifications, or other delays or conditions as recognized by the City. Each revision shall be accompanied by a written explanation identifying the reason for the change and describing its effect on related activities. If changes in activity sequencing or other adjustments result in delays, the Contractor shall be responsible for providing a schedule update and recovery schedule along with a Time Impact Analysis (TIA).

All added activities shall include a notation identifying the reason for the addition, which may include, but is not limited to: Requests for Information (RFIs), change orders, force majeure events, unforeseen conditions, equipment lead times, design errors or omissions, Owner-directed changes, regulatory or permitting requirements, utility conflicts, value engineering proposals, material or product substitutions, third-party impacts or time adjustments.

Within five (5) working days after a schedule problem is recognized and documented, the Contractor shall submit to the City Engineer or his/her designee a recovery schedule which shall consist of proposed revisions to the construction baseline schedule demonstrating how the Contractor intends to achieve all contractual milestones including contract completion within the allotted contract time. The accompanying narrative should describe the cause of the problems and the actions planned by the Contractor to recover the schedule. The Contractor shall promptly undertake appropriate action at no additional cost to the City.

Failure to meet the Section 6-1.2.1 Construction Schedule Updates requirements shall subject the Contractor to liquidated damages in the amount of $5,000 per calendar day.

Add the following subsections:

6-1.3 Working Days and Hours

The Contractor shall do all Work between the hours of 7:30 AM to 4:30 PM on residential areas and 8:30 AM to 3:30 PM on arterials and secondary streets, Monday through Friday. However, no lane closures on Carmenita Road are permitted during the rush hours from 6:30 AM to 8:30 AM and 3:30 PM to 8:30 PM on weekdays. No additional compensation shall be paid for night or weekend work.

No Work will be allowed on Saturdays, Sundays or City holidays, which are as follows:

- New Year's Day
- Martin Luther King Jr. Day
- Presidents' Day
- Memorial Day
- Juneteenth Day
- Independence Day
- Labor Day
- Veterans Day
- Thanksgiving Day
- Day after Thanksgiving

- Christmas Eve
- Christmas Day

In addition, no Work will be allowed on any special election day that may be declared. Should a special election day be declared, a time extension of one (1) Working Day will be granted for each such day.

A permit may have other hours or days for the Contractor to do the Work, and those hours and days shall supersede any hours and days written in this section.

Whenever the Contractor is permitted or directed to perform night Work or to vary the period during which Work is performed during the Working Day, the Contractor shall give twelve (12) hours' notice to the City Engineer or his/her designee so that inspection may be provided. A charge may be made to the Contractor for approved overtime or weekend inspections requested by the Contractor.

6-1.4 Non-Compliance

The City Engineer or his/her designee may refuse to recommend the whole or part of any payment if the Contractor's failure, refusal, or neglect to provide the required schedule information precludes proper evaluation of the Contractor's progress. The City may withhold from any payment a set-off, if in the City's opinion, the Contractor's failure refusal or neglect to provide the required schedule information precludes a proper evaluation of whether the Contractor is prosecuting the Work with the diligence that will ensure its completion within Contract Time.

The Contractor agrees that the Contractor's failure, neglect, or refusal to comply with the requirements of this section, or any portion thereof, constitute a material breach of the Contractor's obligations under this Contract. The Contractor recognizes and agrees that such failure, neglect, or refusal prejudices the City's ability to recognize and mitigate delay, and such failure, neglect, or refusal prevent the timely issuance of extensions of Contract time, when such extension may be warranted. Therefore, the Contractor hereby waives all rights to additional costs or time extensions due to delays or accelerations that result from or occur during periods of time that Contractor fails, neglects, or refuses to fully comply with the requirements of this Section.

These remedies for the Contractor's failure, neglect or refusal to comply with the requirements of this section are in addition to, and not in limitation of, those provided under other sections of the Contract.

The Contractor's refusal, failure or neglect to take appropriate recovery action or to submit a recovery schedule shall constitute reasonable evidence that the Contractor is not prosecuting the Work, or separable part, with the diligence that will ensure its completion within the applicable Contract time. Such lack of action shall constitute sufficient basis for the City Engineer or his/her designee to recommend the withholding of some or all of any payment due and shall be considered grounds for termination by the City.

6-1.5 Payment

Payment for complying with the requirements of this section shall be included in the Contract Unit Price for MOBILIZATION AND DEMOBILIZATION and no additional compensation shall be allowed therfor. Payment shall include full compensation for furnishing all labor, materials, tools, equipment and incidentals, and for doing all the work involved as specified herein.

6-2.1 General

This subsection shall be supplemented by the following:

Once started, the Contractor shall continuously work on the project until completion. Other than for inclement weather, work shall not be discontinued unless notification is provided to and approved by the Agency at least seventy-two (72) hours in advance. Such notification of work suspension shall include the exact date when work will be suspended and the date when work will resume.

Failure to notify and obtain the approval of the Agency of work suspension will subject the contractor to a $5,000/per working day inspection charge for each day work is suspended without the required notification and approval.

No work suspension due to material and/or equipment issues will be allowed.

A Project Manager or designee with qualifications for the scope of work shall be on-site or available for any decision-making during the duration of construction. Contractor shall not assign unqualified field personnel to be the Project Manager. The General Contractor's Representative, a.k.a. a non-working foreman, shall be on-site at all times and in coordination with subcontractors. The Project Manager, and all working foremen and non-working foremen shall be required to attend the mandatory kick-off meeting.

Failure to follow requirements set forth in this special provision will result in, but not limited to, a liquidated damage of $2,000 per day per incident unless otherwise specified. Failure to have a non-working foreman of the General Contractor on site for construction of any kind, including subcontractor work, will result in liquidated damages of $5,000 per day per subcontractor per shift. The Agency can at any time request a more experienced or qualified project manager, foreman and/or operator when work performance is not being met for a certain skill.

The Contractor shall only grind, and place temporary striping that can be completed and open to traffic by 4:30 AM. No exposed milled surfaces can be open to traffic at any time. Contractor to provide proposed staging area location for equipment for City's approval. Deviations will only be allowed as approved by the City. Provide flagmen continuously at affected intersections as well as at beginning and end of restricted traffic control area. All flagmen and foremen shall be in radio contact with each other to coordinate work and provide a safe work zone.

The Contractor shall be responsible for inspection costs for non-standard time/day work as approved by the Engineer. Days of night work shall be Monday through Friday. Extended hours for grinding work may be allowed if approved by the City Traffic Engineer.

The Contractor shall notify HOAs, businesses, hospitals, schools and senior facilities affected by the work at least 72 hours prior to any lane closures.

Deviations from these restrictions will not be permitted without the prior consent of the City Engineer and his/her designee, except in emergencies involving immediate hazard to persons or property. In the event of either a requested or emergency deviation, inspection service fees will be charged against the Contractor. Service fees will be calculated at overtime rates including benefits, overhead, and travel time; and will be deducted from the amounts due the Contractor.

Failure of the Contractor to adhere to these restrictions will result in damages being sustained by the Agency. Such damages are and will continue to be, impracticable and extremely difficult to determine. For each occurrence of a working day or hours violation, as provided herein, the Contractor shall pay to the Agency or have withheld from monies due to it, the sum of $5,000, unless otherwise provided in the specifications.

6-3 TIME OF COMPLETION

6-3.1 General

The Contractor shall complete all Work under the Contract within **70** working days from the Notice to Proceed 2. If Additive Alternate Bid Schedule – Zone 6 is awarded, **15** working days are added

to the Contract. Contract time is measured in working days commencing from the effective date of NTP2 unless expressly stated otherwise in the Contract Documents.

The Contractor shall submit evidence to the City that all materials have been purchased by the date indicated in the construction baseline schedule in INSTRUCTIONS TO BIDDERS SECTION of these specifications. The date construction shall begin will be specified in the Notice to Proceed, by the date indicated in the construction schedule in INSTRUCTIONS TO BIDDERS SECTION of these Specifications.

During periods when weather or other conditions are unfavorable for construction, the Contractor shall pursue only such portions of the work as shall not be damaged thereby. No portions of the work whose acceptable quality or efficiency will be affected by any unfavorable conditions shall be constructed while those conditions exist. It is expressly understood and agreed by and between the Contractor and the City that the Contract time for completion of the work described herein is a reasonable time taking into consideration the average climatic and economic conditions and other factors prevailing in the locality of the work.

The City is under no obligation to consider early completion of the Project; and the Contract completion date shall not be amended by the City's receipt or acceptance of the Contractor's proposed earlier completion date. Any difference in time between the Contractor's early completion and the Contract time shall be considered a part of the Project float. The Contractor shall not be entitled to compensation, and the City will not compensate the Contractor for delays which impact early completion. The Contractor shall not, under any circumstances, receive additional compensation from the City (including but not limited to indirect, general, administrative or other forms of overhead costs) for the period between the time of earlier completion proposed by the Contractor and the Contract completion date.

6-4 DELAYS AND EXTENSIONS OF TIME

6-4.1 General

This subsection shall be supplemented by the following paragraph:

Unless otherwise agreed in writing, an adjustment to the Contract time by reason of a Change Order shall be agreed to at the time the Change Order is issued and accepted by Contractor. If the Change Order does not reserve the right of the parties, or either of them, to seek an adjustment to the Contract time, then the parties forever relinquish and waive such right and there shall be no further adjustments to the Contract time.

No extension of time shall be granted for a delay caused by the inability to obtain materials unless the Contractor either obtains advance written approval from the City Engineer or his/her designee or obtains from the supplier and furnishes to the City Engineer or his/her designee documentary proof that such materials could not be obtained due to war, government regulations, labor disputes, strikes, fires, floods, adverse weather conditions necessitating the cessation of Work, or other similar action of the elements. The Contractor is required to order materials in a timely manner as specified in the "Instruction to Bidders".

If materials are delayed, the Contractor shall provide to the City Engineer or his/her designee the following:

1. Copy of the purchase order
2. Proof of payment or receipts
3. Shipment tracking or delivery information

4. Manufacturer's letter on company letterhead verifying the cause of delay; and
5. A written narrative explaining the impact of the delay on the Work from the Contractor.

6-4.2 Extensions of Time

This subsection shall be supplemented by the following:

Whenever the Contractor requests time extension of the Contract time or any Contract milestone, the Contractor shall provide an analysis of the critical path. At a minimum, the analysis must include the following:

1. The version of the Contractor's construction schedule on which the analysis is based.
2. The contract milestones affected, and the number of days extension requested for each.
3. A plot starting at the timeline and showing the controlling path to each affected milestone before the change or delay in question.
4. A plot including the activities which were added to represent the change or delay starting at the timeline and showing the controlling path to each affected milestone after the change or delay in question.
5. A listing of all activities and logic added, deleted or changed to represent the impact of the change or other delay being analyzed.

In the event it is deemed appropriate by the City to extend the time for completion of the Work, any such extension shall not release any guarantee for the Work required by the Contract Documents, nor shall any such extension of time relieve or release the Sureties on the Bonds executed. In executing such Bonds, the Sureties shall be deemed to have expressly agreed to any such extensions of time. The amount of time allowed by an extension of time shall be limited to the period of the delay giving rise to the same as determined by the City. Notwithstanding any dispute which may arise in connection with a claim for adjustment of the Contract time, the Contractor shall promptly proceed with the Work.

6-4.3 Payment for Delays

This subsection shall be supplemented by the following paragraphs:

Except as expressly provided in these Contract Documents and applicable law, the City shall have no obligation to increase the Contract Price for delays, and any time extension granted shall be the Contractor's sole remedy for delay impacts.

Unless compensation and/or markup is agreed upon by the City, the Contractor agrees that no payment of compensation of any kind shall be made to the Contractor for damages or increased overhead costs caused by any delays in the progress of the Contract, whether such delays are avoidable or unavoidable or caused by any act or omission of the City or its agents. Any accepted delay claim shall be fully compensated for by an extension of time to complete the performance of the Work.

This Section shall not apply to compensable delays caused solely by the City. If a compensable delay is caused solely by the City, the Contractor shall be entitled to a Change Order that: (1) extends the time for completion of the Contract by the amount of delay caused by the City; and (2) provides equitable adjustment, as determined by the City, to the Contractor.

6-8 TERMINATION OF THE CONTRACT FOR CONVENIENCE

The following sentence is added to Section 6-8:

In no event (including termination for impossibility or impracticability, due to conditions or events beyond the control of the City, for any other reason or for no reason) shall the total amount of money to Contractor exceed the amount which would have been paid to Contractor for the full performance of the services described in the Contract.

6-9 LIQUIDATED DAMAGES

Subsection 6-9 of the Standard Specifications is replaced with the following paragraphs:

If the Contractor fails to achieve Substantial Completion of the Work within the Contract Time in Working Days (as established in the Contract Documents and as adjusted by approved time extensions), the Contractor shall pay to the City liquidated damages in the amount of Five Thousand Dollars ($5,000) per Calendar Day for each and every Calendar Day that Substantial Completion is delayed beyond the Contract Time.

For purposes of liquidated damages, Substantial Completion shall be deemed to occur when the Work is completed in accordance with the Plans and Specifications and is sufficiently complete for the City's intended use, including that the project is safe and open for public travel and access, and when the City certifies Substantial Completion in writing in accordance with Section 3-13.1 of Part 1 of the Standard Specifications.

Liquidated damages shall begin to accrue on the first Calendar Day immediately following the date the Contract Time (Working Days) expires, and shall continue through and including the date Substantial Completion is certified by the City.

The parties acknowledge and agree that actual damages to the City in the event of delay would be impracticable or extremely difficult to determine, and that the liquidated damages stated herein represent a reasonable estimate of the City's damages and are not a penalty.

SECTION 7. MEASUREMENT AND PAYMENT

7.3 PAYMENT

7.3.1 General

This subsection shall be supplemented by the following:

The Contract Price shall constitute full compensation for all labor, equipment, materials, tools and incidentals required to complete the Project as outlined in these Contract Documents and as directed by the City Engineer or his/her designee. In accordance with Public Contract Code Section 7107, if no claims have been filed and are still pending, the amount deducted from the final estimate and retained by the City will be paid to the Contractor except such amounts as are required by law to be withheld by properly executed and filed notices to stop payment, or as may be withheld for any other lawful purposes.

7-3.2 Partial and Final Payment

This subsection shall be supplemented by the following paragraphs:

Within 30 days after proposed final estimate has been submitted to the Contractor, the Contractor shall submit to the Engineer their written approval of said proposed final estimate or a written statement of all claims the Contractor has arising under or by virtue of the contract. No claim will be considered that was not included in said written statement of claims. No claim will be considered unless the Contractor has complied with the notice, documentation, and claim submittal requirements of Section 2-10.1 "Claim Dispute Resolution", 6-4.4 "Written Notice and

Report, 6-3.2 “Contract Time Accounting” and applicable law, including the Government Claims Act and Public Contract Code Section 9204 (and Section 20104 et seq., if applicable).

The claims filed by the Contractor shall be sufficient detail to enable the Engineer to ascertain the basis and the amount of said claims. The Engineer will consider and determine the Contractor’s claims and it will be the responsibility of the Contractor to furnish within a reasonable time such further information and details as may be required by the Engineer to determine the facts or contentions involved in their claims. Failure to submit such information and details will be sufficient cause for denying the claims.

The City Council will make the final determination of any claims, which remain in dispute after completion of claim review by the Agency. A board or person designated by said City Council will review such claims and make written recommendations thereon. The Contractor may meet with the review board or person to make a presentation in support of such claims.

Upon final determination of the claims, the Engineer shall then make and issue their final estimate in writing and within 30 days thereafter the Agency will pay the entire sum, if any, found due thereon. Such final estimate shall be conclusive and binding against both parties to the contract on all questions relating to the amount of work done and the compensation payable therefor.

All prior estimates and payments shall be subject to correction in the proposed final estimate.

The following subsections shall be added to Section 7 of the Standard Specifications**:**

7-3.2.1 Monthly Closure Date and Invoice Date

For purposes of Section 7-3.2, the monthly closure date shall be the last Day of each month. A measurement of Work performed and a progress estimate of the value thereof based on the Contract and of the monthly payment shall be prepared by the Contractor and submitted to the City Engineer or his/her designee before the tenth (10th) Day of the following month for verification and payment consideration.

7-3.2.2 Payments

The City shall make payments within thirty (30) Days after receipt of the Contractor’s undisputed and properly submitted payment request, including an updated construction schedule pursuant to Section 6-1.1 of the General Provisions. The City shall return to the Contractor any payment request determined not to be a proper payment request as soon as practicable, but not later than seven (7) Days after receipt, and shall explain in writing the reasons why the payment request is not proper.

7-3.2.3 Retention

The City shall withhold not less than five percent (5%) from each progress payment. However, at any time after fifty percent (50%) of the Work has been completed, if the City Council finds that satisfactory progress is being made, it may, at its discretion, make any of the remaining progress payments in full for actual Work completed. The City shall withhold not less than five percent (5%) of the Contract Price from the Final Payment Amount (defined in Section 7-3.2.4) until at least thirty-five (35) days after recordation of the Notice of Completion, or recordation of a notice of completion or cessation, but not later than the period permitted by Public Contract Code Section 7107.

7-3.2.4 Final Invoice and Payment

Whenever the Contractor shall have completely performed the Contract in the opinion of the City Engineer, the City Engineer or his/her designee shall notify the City Clerk that the Contract has been completed in its entirety. The Contractor shall then submit to the City Engineer or his/her designee a written statement of the final quantities of Contract items for inclusion in the final invoice. Upon receipt of such statement, the City Engineer or his/her designee shall check the quantities included therein and shall authorize a payment amount, which in the City Engineer's opinion shall be just and fair, covering the value of the total amount of Work done by the Contractor, less all previous payments and all amounts to be retained under the provisions of the Contract Documents ("Final Payment Amount"). The City Engineer or his/her designee shall then request that the City accept the Work and that the City Clerk be authorized to file, on behalf of the City in the office of the County Recorder, a Notice of Completion of the Work herein agreed to be done by the Contractor. In addition, the final payment will not be released until the Contractor returns the control set of Plans and Specifications showing the redlined as-built conditions.

The Contractor shall maintain a control set of Plans and Specifications on the Project site at all times. All final locations determined in the field, and any deviations from the Plans and Specifications, shall be marked in red on the control set to show the as-built conditions. This control set of Plans shall incorporate all Addenda, Requests for Information, Change Orders, field changes not involving cost, and any other variation that occurred during construction. Upon completion of all Work, the Contractor shall return the control set to the City Engineer or his/her designee. Final payment will not be made until this requirement is met.

7-3.2.5 Substitute Security

In accordance with Public Contract Code Section 22300, the Contractor may request that it be permitted to substitute securities in lieu of having retention withheld by the City from progress payments when such payments become due or, in the alternative, the Contractor may request that the City make payments of earned retentions directly to an agreed upon designated escrow agent at the Contractor's expense. If the Contractor selects either one of these alternatives, the following shall control.

7.3.2.5.1 Substitution of Securities for Performance Retention

At some reasonable time before any progress payment would otherwise be due and payable to the Contractor in the performance of Work under these Contract Documents, the Contractor may submit a request to the City in writing to permit the substitution of retentions with securities equivalent to the amount estimated by the City ("estimated amount of retention") to be withheld. The Contractor shall deposit such securities with the City or may, in the alternative, deposit such securities in escrow with a State or federally chartered bank in California, as the escrow agent, at the Contractor's expense. Such securities will be the equivalent or greater in value of the estimated amount of retention. If the Contract is modified by written Modifications or Change Orders or the Contractor otherwise becomes entitled to receive an amount more than the Contract Price at the time the securities are deposited, the Contractor shall, at the request of the City, deposit with the City or escrow agent, whichever is applicable, additional securities within a reasonable time so that the amount of securities on deposit with the City or escrow agent is equivalent or greater in value than the amount of retention the City would otherwise be entitled to withhold from progress payments due or to become due to the Contractor as the Work progresses. The City shall withhold any retention amount that exceeds the security amount until the additional securities are deposited and, if the deposit is with an escrow agent, the City has confirmation from

that escrow agent of the new total value of securities. Upon satisfactory completion of the Contract, which shall mean, among other things, that the City is not otherwise entitled to retain proceeds from progress payments as elsewhere provided in the Contract or under applicable law, the securities shall be returned to the Contractor. The City shall, within its sole discretion, determine whether the amount of the securities on deposit with the City or escrow agent is equal to or greater than the amount of estimated retention of progress payments that could otherwise be held by the City if the Contractor had not elected to substitute same with securities.

7-3.2.5.2 Deposit of Retention Proceeds with an Escrow Agent

As an alternative to the substitution of securities, as provided above, or the City otherwise retaining and holding retention proceeds from progress payments, the Contractor may request the City to make payments of retentions earned directly to an escrow agent with the same qualifications as required in Section 7-3.2.5.1 above and at the expense of the Contractor. At its sole expense, the Contractor may direct the investment of such retention payments into only such securities as mentioned in Section 7-3.2.5.4 below and shall be entitled to interest earned on such investments on the same terms provided for securities deposited by the Contractor. Upon satisfactory completion of the Contract, which shall mean when the City would not otherwise be entitled to withhold retention proceeds from progress payments had the Contractor not elected to have such proceeds deposited into escrow, the Contractor shall be allowed to receive from the escrow agent all securities, interest and payments deposited into escrow pursuant to the terms of this Section. The Contractor shall pay to each Subcontractor, not later than ten (10) Days of receipt of payment, the respective amount of interest earned, net of costs attributed to retention withheld from each Subcontractor, on the amount withheld to ensure performance of the Contractor.

7-3.2.5.3 Subcontractor Entitlement to Interest

If the Contractor elects to receive interest on any moneys withheld in retention by the City, then the Subcontractor shall receive the identical rate of interest received by the Contractor on any retention moneys withheld from the Subcontractor by the Contractor, less any actual pro rata costs associated with administering and calculating that interest. In the event that the interest rate is a fluctuating rate, the rate for the Subcontractor shall be determined by calculating the interest rate paid during the time that retentions were withheld from the Subcontractor. If the Contractor elects to substitute securities in lieu of retention, then, by mutual consent of the Contractor and the Subcontractor, the Subcontractor may substitute securities in exchange for the release of moneys held in retention by the Contractor. The Contractor shall pay each Subcontractor, not later than ten (10) Days after receipt of escrow moneys, the amount owed to each Subcontractor from the moneys plus the respective amount of interest earned, net of costs attributed to the retention held from each Subcontractor, on the amount of retention withheld to ensure performance of the Subcontractor.

7-3.2.5.4 Securities Eligible for Investment

Securities eligible for investment shall include those listed in Government Code Section 16430, bank or savings and loan certificates of deposit, interest-bearing demand deposit accounts, standby letters of credit, or any other security mutually agreed upon between the Contractor and the City. The Contractor shall be the beneficial owner of any securities substituted for any monies withheld and shall receive any interest thereon.

7-3.2.5.5 Escrow Agreement for Security Deposits in Lieu of Retention

The escrow agreement that shall be used for the deposit of securities in lieu of retention shall substantially conform to the form prescribed in Public Contract Code Section 22300(f).

7-3.2.5.6 Inconsistencies with Prevailing Statutory Requirements

If there is any inconsistency between or differences in Public Contract Code Section 22300 and the terms of this provision, or any future amendments thereto, Section 22300 shall control.

7-3.4 Mobilization.
This subsection shall be supplemented by the following:

Mobilization shall consist of preparatory work and operations, including, but not limited to, those necessary for the movement of personnel, equipment, materials and incidentals to the project site necessary for work on the project and for all other work and operations which must be performed. This item shall also include costs incurred including bonds, insurance, and financing prior to beginning work on the various contract items on the project site.

Mobilization shall include the cost, time and labor to move the necessary construction equipment to and from the job site, supervisory time on the job by the Contractor's personnel to keep the construction site in a safe condition and all other related work as required for all non-working days during the course of construction. The Contractor is responsible for securing an adequate storage site for equipment and materials. As part of the Mobilization payment, the Contractor shall have on the work site at all times, as its agent, a Field Superintendent capable of reading and thoroughly understanding the plans, specifications, other related documents, and directions from the Engineer.

Payment for **MOBILIZATION AND DEMOBILIZATION** shall be per the Contract Unit Price of LUMP SUM (LS) indicated in the Contract Documents and shall include obtaining and paying for all permits and business licenses as required from the City of Norwalk, and other related agencies, preparing, implementing and updating construction schedules and other items specified in this section. The lump sum bid price shall not exceed 5% of the total bid price. The City of Norwalk will waive its encroachment permit fee.

The Contractor shall comply with the requirements specified by each license or permit. Progress payments for this item shall be paid in accordance with the completion percentage of the project to the Contractor and shall include the costs of such mobilization and administration for the entire Contract period including preparation and implementation of progress schedule (CPM) as specified in these specifications.

Section 7-3.9 is hereby added to Section 7-3 of Part 1 of the Standard Specifications, as follows:

7-3.9 AUDIT

The City or its representative shall have the option of inspecting and/or auditing all records and other written materials used by the Contractor in preparing its billings to the City as a condition precedent to any payment to the Contractor or in response to a construction claim or a Public Records Act (Government Code Section 6250 *et seq.*) request. The Contractor will promptly furnish documents requested by the City at no cost. Additionally, the Contractor shall be subject to State Auditor examination and audit at the request of the City or as part of any audit of the City, for a period of three (3) years after final payment under the Contract.

The Contractor shall include a copy of this Section 7-3.9 in all contracts with its Subcontractors, and the Contractor shall be responsible for immediately obtaining those records or other written material from its Subcontractors upon a request by the State Auditor or the City. If the Project includes other auditing requirements, those additional requirements will be listed in the Special Provisions.

SECTION 8 FACILITIES FOR AGENCY PERSONNEL

8-1 General

Section 8-1 is replaced with the following:

No field offices for City personnel shall be required; however, City personnel shall have the right to enter upon the Project at all times and shall be admitted to the offices of the Contractor to use the telephone, desk and sanitary facilities provided by the Contractor for its own personnel.

Section 9 is hereby added to Part 1 of the Standard Specifications, as follows:

SECTION 9 ADDITIONAL TERMS

9-1 NONDISCRIMINATORY EMPLOYMENT

The Contractor shall not unlawfully discriminate against any individual based on race, religious creed, color, national origin, ancestry, physical disability, mental disability, medical condition, genetic information, marital status, sex, gender, gender identity, gender expression, age, sexual orientation or military and veteran status. The Contractor understands and agrees that it is bound by and will comply with the nondiscrimination mandates of all statutes and local ordinances and regulations.

9-2 CONTRACTOR'S RESPONSIBILITY FOR WORK

Until the final acceptance of the Work by the City Council in accordance with Section 3-13.2 of the General Provisions, the Contractor shall have the charge and care thereof and shall bear the risk of injury or damage to any part of the Work by the action of the elements, criminal acts, or any other cause. The Contractor shall rebuild, repair, restore and make good all injuries or damages to any portion of the Work occasioned by any cause before its completion and acceptance and shall bear the expense thereof, except for such injuries or damages arising from the sole negligence or willful misconduct of the City, its officers, agents or employees. In the case of suspension of Work from any cause whatever, the Contractor shall be responsible for all materials and the protection of Work already completed, shall properly store and protect them if necessary, and shall provide suitable drainage and erect temporary structures where necessary.

9-3 PROCEDURE IN CASE OF DAMAGE TO PUBLIC PROPERTY

Any portions of curb, gutter, sidewalk or any other City improvement damaged by the Contractor during the course of construction shall be replaced by the Contractor at its own cost. The cost of additional replacement of curb, gutter or sidewalk in excess of the estimated quantities shown in the Bid form and Specifications, and found necessary during the process of construction (but not due to damage resulting from carelessness on the part of the Contractor during its operation), shall be paid to the Contractor at the unit prices submitted in his or her Bid.

9-4 REMOVAL OF INTERFERING OBSTRUCTIONS

The Contractor shall remove and dispose of all debris, abandoned structures, tree roots and obstructions of any character encountered during the process of excavation. It is understood that the cost of any such removals are made a part of the unit price bid by the Contractor under the item for excavation or removal of existing Work.

9-5 COMPLIANCE WITH LAWS

The Contractor shall comply with all applicable federal, State and local laws, ordinances, codes and regulations in force at the time the Contractor performs pursuant to the Contract Documents.

9-6 CONTRACTOR'S REPRESENTATIONS

By signing the Contract, the Contractor represents, covenants, agrees, and declares under penalty of perjury under the laws of the State of California that: (a) the Contractor is licensed, qualified, and capable of furnishing the labor, materials, and expertise necessary to perform the services in accordance with the terms and conditions set forth in the Contract Documents; (b) there are no obligations, commitments, or impediments of any kind that will limit or prevent its full performance under the Contract Documents; (c) there is no litigation pending against the Contractor that could adversely affect its performance of the Contract, and the Contractor is not the subject of any criminal investigation or proceeding; and (d) to the Contractor's actual knowledge, neither the Contractor nor its personnel have been convicted of a felony.

9-7 CONFLICTS OF INTEREST

The Contractor agrees not to accept any employment or representation during the term of the Contract or within twelve (12) months after acceptance as defined in Section 3-13.2 of the General Provisions that is or may likely make the Contractor "financially interested," as provided in Government Code Sections 1090 and 87100, in any decisions made by the City on any matter in connection with which the Contractor has been retained pursuant to the Contract Documents.

9-8 APPLICABLE LAW

The validity, interpretation, and performance of these Contract Documents shall be controlled by and construed under the laws of the State of California, excluding California's choice of law rules. Venue for any such action relating to the Contract shall be in the Superior Court with geographic jurisdiction over the City.

9-9 TIME

Time is of the essence in these Contract Documents.

9-10 INDEPENDENT CONTRACTOR

The Contractor and Subcontractors shall at all times remain, as to the City, wholly independent contractors. Neither the City nor any of its officials, officers, employees or agents shall have control over the conduct of the Contractor, Subcontractors, or any of their officers, employees, or agents, except as herein set forth, and the Contractor and Subcontractors are free to dispose of all portions of their time and activities that they are not obligated to devote to the City in such a manner and to such Persons that the Contractor or Subcontractors wish except as expressly provided in these Contract Documents. The Contractor and Subcontractors shall have no power to incur any debt, obligation, or liability on behalf of the City, bind the City in any manner, or

otherwise act on behalf of the City as agents. The Contractor and Subcontractors shall not, at any time or in any manner, represent that they or any of their agents, servants or employees, are in any manner agents, servants or employees of the City. The Contractor and Subcontractors agree to pay all required taxes on amounts paid to them under the Contract, and to indemnify and hold the City harmless from any and all taxes, assessments, penalties, and interest asserted against the City by reason of the independent contractor relationship created by the Contract Documents. The Contractor shall include this provision in all contracts with all Subcontractors.

9-11 CONSTRUCTION

In the event of any asserted ambiguity in, or dispute regarding the interpretation of any matter herein, the interpretation of these Contract Documents shall not be resolved by any rules of interpretation providing for interpretation against the party who causes the uncertainty to exist or against the party who drafted the Contract Documents or who drafted that portion of the Contract Documents.

9-12 NON-WAIVER OF TERMS, RIGHTS AND REMEDIES

Waiver by either party of any one (1) or more of the conditions of performance under these Contract Documents shall not be a waiver of any other condition of performance under these Contract Documents. In no event shall the making by the City of any payment to the Contractor constitute or be construed as a waiver by the City of any breach of covenant, or any default that may then exist on the part of the Contractor, and the making of any such payment by the City shall in no way impair or prejudice any right or remedy available to the City with regard to such breach or default.

9-13 TERM

The Contract is effective as of the Effective Date listed, and shall remain in full force and effect until the Contractor has fully rendered the services required by the Contract Documents or the Contract has been otherwise terminated by the City. However, some provisions may survive the term listed within this Section, as stated in those provisions.

9-14 NOTICE

Except as otherwise required by law, any notice or other communication authorized or required by these Contract Documents shall be in writing and shall be deemed received on (a) the day of delivery if delivered by hand or overnight courier service during the City's regular business hours or (b) on the third (3rd) business day following deposit in the United States mail, postage prepaid, to the addresses listed on the Contractor's Bid and City Hall, or at such other address as one party may notify the other.

9-15 SEVERABILITY

If any term or portion of these Contract Documents is held to be invalid, illegal, or otherwise unenforceable by a court of competent jurisdiction, the remaining provisions of these Contract Documents shall continue in full force and effect.

SPECIAL PROVISIONS

1. ACCEPTANCE OF SITE

The Contractor shall accept the site and the character of the work as they exist on the first day of work under this contract.

2. THE CONTRACTOR'S REPRESENTATIVE

At the time of the pre-job conference, the Contractor shall furnish a written list of their personnel who are authorized to sign work orders. There shall be at all times Contractor's personnel on the job who have the authority to sign work orders.

The City reserves the right, at its sole discretion, to require the Contractor to replace project management or field supervisory staff due to unsatisfactory performance, failure to comply with contract requirements, lack of cooperation with City staff, safety concerns, or any other conduct determined by the City to be detrimental to the successful completion of the Project. Removal of management and supervisory staff shall require City approval.

3. MAINTENANCE OF EXISTING PLANTINGS, IMPROVEMENTS AND FACILITIES

The Contractor shall protect and maintain all existing trees and shrubs (plantings) to remain from the first day of work under this contract to acceptance. In similar fashion, Contractor shall protect and maintain all improvements and facilities in place to remain from the first day of work under this contract to acceptance. Contractor shall notify City Engineer or his/her designee of any damage to any existing plantings, improvements, or facilities as soon as possible. Contractor shall replant or repair any damage to the satisfaction of City Engineer or his/her designee at no cost or extra burden to the City.

4. PUBLIC CONVENIENCE AND SAFETY

Add the following to Section 7-10. "Public Convenience and Safety" of the SSPWC:

1. At the end of the Work Day the job site shall be left in a neat and orderly manner. Roadway and parking shall be made available, accessible and usable to the acceptance of the City Engineer or his/her designee.

2. During construction the Contractor shall provide adequate access to each residence or business affected by this project to the acceptance of the City Engineer or his/her designee.

3. Should any change in these requirements be necessitated by extraordinary occurrences or requirements during the execution of the work, the Contractor shall obtain prior written approval of the City Engineer or his/her designee.

5. NOTIFICATION OF PROPERTY OWNERS/OCCUPANTS

The Contractor shall notify all affected residents and/or businesses in writing twice prior to construction:

1. First notice (general information) two (2) weeks before.

2. Second notice one (1) week before, specifying the exact day/s and exact locations that construction will occur, and during what hours. Said notice shall be submitted to City Engineer or his/her designee for approval at the pre-construction meeting. Compensation for the aforementioned shall be paid for in the total contract price bid and no additional compensation will be allowed.

   Contractor shall notify the following entities at least ten (10) days in advance of any street closure or restriction to access.

   - Fire Department
   - Sheriff Department
   - Schools and School Bus Organizations
   - Trash Collector
   - Street Sweeping
   - Transit Services

The Contractor shall cooperate with local authorities relative to handling traffic through the area. The Contractor shall also coordinate with Norwalk Transit to ensure the safe operation of all buses and access to all bus stops in the construction area.

The Contractor shall provide ongoing written notifications to affected residents and businesses throughout the duration of the project, particularly for site-specific locations and phased construction activities. Each construction phase, zone, area, or street shall be separately notified no less than one (1) week in advance to all affected residents and businesses, at no additional cost to the City.

In the event of any change to the approved construction schedule, the Contractor shall provide revised written notifications a minimum of seventy-two (72) hours in advance of the revised work date(s). All revised notices shall be submitted to the City Engineer or his/her designee for review and approval prior to distribution, and shall be provided at no additional cost to the City.

All notifications shall be clear, legible, and easy to understand, and shall include both written descriptions and visual exhibits. At a minimum, notifications shall clearly identify and depict the project limits, specific work locations, anticipated durations, dates and hours of work, and any phasing or sequencing of construction activities. Refer to attached Appendix A (plans).

If the construction schedule is delayed, the Contractor shall immediately prepare revised construction notices and submit them to the City Engineer or his/her designee for review. Upon approval, the Contractor shall redistribute the revised notices to affected residents and businesses no less than seven (7) days prior to the new construction date at no additional cost to the City.

Failure to follow requirements set forth in this special provision will result in, but not limited to, a liquidated damage of $5,000 per day per incident unless otherwise specified.

6. LIMITS OF WORK

Limits of work shall be the legal property boundaries of the site unless modified by Contract

limit lines indicated on the plans or as noted otherwise.

7. PROTECTION AND RESTORATION

The Sections that follow supplement, but do not replace, the corresponding provisions in Part 4 (Existing Improvements) of the Standard Specifications (SSPWC), except as otherwise indicated herein. In the event of any conflict between the Standard Specifications and these Special Provisions, these Special Provisions shall control.

7.1 GENERAL

All costs to the Contractor for protecting, removing, restoring, relocating, repairing, replacing, or reestablishing existing improvements shall be included in the Bid.

7.2 UTILITIES

7.2.1 LOCATION

The location and existence of any underground Utility or substructure has not been obtained. The methods used and costs involved to locate existing elements, points of connection and all construction methods are the Contractor's sole responsibility. Accuracy of information furnished, as to existing conditions, is not guaranteed by the City. The Contractor, at its sole expense, must make all investigations necessary to determine locations of existing elements, which may include contacting Underground Service Alert and other private underground locating firm(s), utilizing specialized locating equipment, hand trenching, or both. For every Dig Alert Identification Number issued by Underground Service Alert during the course of the Project, the Contractor must submit to the City the following form. The Contractor shall be responsible for preserving the integrity of the existing underground utilities at the site.

UNDERGROUND SERVICE ALERT IDENTIFICATION NUMBER FORM

No excavation will be permitted until this form is completed and returned to the City.

Government Code Section 4216 *et seq*. requires a Dig Alert Identification Number to be issued before a permit to excavate will be valid.

To obtain a Dig Alert Identification Number, call Underground Service Alert at **811** a minimum of three (3) Working Days before scheduled excavation. For best response, provide as much notice as possible up to ten (10) Working Days.

Dig Alert Identification Number: _____

Dated: _____ _____
("CONTRACTOR")

By: _____

Printed Name: _____

Title: _____

By: _____

Printed Name: _____

Title: _____

Note: This form is required for every Dig Alert Identification Number issued by Underground Service during the course of the Work. Additional forms may be obtained from the City upon request

7.2.2 ENTRY BY UTILITY OWNERS

The right is reserved to the owners of public Utilities or franchises to enter the Project site for the purpose of making repairs or changes in their property that may be necessary as a result of the Work as well as any other reason authorized by the City. When the Contract Documents provide for the Utility owners to alter, relocate or reconstruct a Utility, or when the Contract Documents are silent in this regard and it is determined by the City Engineer or his/her designee that the Utility owners must alter, relocate or reconstruct a Utility, the Contractor shall schedule and allow adequate time for those alterations, relocations or reconstructions by the respective Utility owners. City employees and agents shall likewise have the right to enter upon the Project site at any time and for any reason or no reason at all.

7.2.3 PROTECTION

The Contractor shall protect all utilities and other improvements which may be impaired during construction operations. It shall be the Contractor's responsibility to ascertain the actual location of all existing utilities, including service laterals, and other improvements indicated on the drawings that will be encountered in its construction operations, and to see that such utilities or other improvements are adequately protected from damage due to such operations. The Contractor shall take all possible precautions for the protection of unforeseen utility lines to provide for uninterrupted service and to provide such special protection as may be directed by the City Engineer or his/her designee.

If Contractor damages or breaks the Utilities, it will be the Contractor’s responsibility to repair the Utility at no cost to the Utility or the City.

7.2.4 REMOVAL

Facilities encountered during the prosecution of the Work that are determined to be abandoned shall be removed by the Contractor as required for the Work, unless directed otherwise by the City Engineer or his/her designee. The remaining portion of the existing Utility which is left in place shall be accurately recorded, in elevation and plan, on the control set of Contract Drawings.

7.2.5 RELOCATION

The Contractor shall cooperate fully with all Utility forces of the City or forces of other public or private agencies engaged in the relocation, altering, or otherwise rearranging of any facilities that interfere with the progress of the Work. The Contractor shall schedule the Work so as to minimize interference with the relocation, altering, or other rearranging of facilities.

7.2.6 COOPERATION

The Contractor’s attention is directed to the fact that Work may be conducted at or adjacent to the site by other contractors during the performance of the Work under this Contract. The Contractor shall conduct its operations so as to cause a minimum of interference with the work of such other contractors, and shall cooperate fully with such contractors to provide continued safe access to their respective portions of the site, as required to perform work under their respective contracts. Compensation for compliance shall be included in the various items of the Work, and no additional compensation shall be allowed therefor.

7.2.7 NOTIFICATION

The Contractor shall notify the City Engineer or his/her designee and the owners of all Utilities and substructures not less than forty-eight (48) hours before starting construction. The following list of names and telephone numbers is intended for the convenience of the Contractor and is not guaranteed to be complete or accurate:

Agency: Crimson Pipeline, LLC
Phone Number: (866) 351-7473

Agency: Shell Pipeline Company LP
Phone Number: 1-800-922-3459 (24-HRS)

Agency: Chevron Pipeline Company
Phone Number: 1-877-596-2800

Agency: Southern California Gas Company
Phone Number: (714) 634-5026
Contact Person: Anthony Patino

Agency: Charter Communications
Phone Number: (626) 430-3337
Contact Person: James Briggs

Agency: Crown Castle
Phone Number: 1 (800) 654-310

Agency: Golden State Water Co.
Phone Number: 1 (800) 871-9244

Agency: Southern California Edison
Phone Number: (909) 329-9445

Agency: Liberty Utilities
Phone Number: (562) 908-4288

7.3 PAYMENT

Payment for complying with the requirements of this section shall be included in the various Lump Sum (LS) items of the bidding schedule unless specified otherwise. Payment shall include full compensation for furnishing all labor, materials, tools, equipment and incidentals, and for doing all the work involved as specified herein.

8. TEMPORARY TRAFFIC CONTROL

The 2024 Edition of "Standard Specifications for Public Works Construction" ("SSPWC" or "GREENBOOK"), as amended by the Contract Documents, is incorporated into the Contract Documents by this reference. The Work described herein shall be done in accordance with the provisions of the Standard Specifications, as amended by the Contract Documents.

600-1 GENERAL.
This subsection shall be supplemented by the following:

At the end of each workday, the job site shall be left in a neat and orderly manner. Roadway and parking shall be made available, accessible, and usable to the satisfaction of the Engineer.

During construction, the Contractor shall provide adequate access to each residence or business affected by this Project to the satisfaction of the Engineer. The Contractor shall ensure that access to all side streets and driveways are maintained at all times. Work in front of or within driveways and side streets shall be conducted in a manner where at no time is access to property denied. Portions of driveway approaches that are not ready to be opened for traffic at the end of the workday shall be steel-plated per the requirements noted in the previous paragraph. The Contractor shall use temporary AC surfacing at his own expense as required to maintain traffic in a safe non-disruptive manner.

The Contractor shall provide access through the project site for the use of emergency vehicles at all times.

Should any change in these requirements be necessitated by extraordinary occurrences or requirements during the execution of the Work, the Contractor shall obtain prior written approval from the Engineer.

Add the following subsection:
600-2 NOTIFICATION OF PROPERTY OWNERS/OCCUPANTS.

The Contractor shall notify all affected residents and/or businesses in writing at least two times prior to start of construction:

3. First notice (general information) two (2) weeks before start of construction.
4. Second notice one (1) week before, specifying the exact days and locations that construction will occur, and during what hours. Said notice shall be submitted to the City Engineer or his/her designee for approval at the Pre-Construction meeting. Compensation for the aforementioned notifications shall be paid for in the total Contract Unit Price bid for TRAFFIC CONTROL and no additional compensation shall be allowed.

The Contractor shall notify the following entities at least ten (10) days in advance of any street closure or restriction to access.

- Fire Department
- Sheriff Department
- Schools and School Bus Organizations
- Trash Collector
- Street Sweeping
- Transit Services

The Contractor shall be responsible for notifying adjacent businesses and residents (within 500-foot radius), trash collection services, and the Los Angeles Metropolitan Transportation Authority (Metro) in writing seven (7) days in advance of any work that involves limited access. Said notice shall be reviewed and approved by the Engineer in advance of its circulation. The Contractor shall provide verification to the Engineer that proper circulation of the notice has been accomplished.

The Contractor shall cooperate with local authorities relative to handling traffic through the area. The Contractor shall also coordinate with Norwalk Transit to ensure the safe operation of all buses and access to all bus stops in the construction area.

If the construction schedule is delayed, the Contractor shall immediately prepare revised construction notices and submit them to the Engineer for review. Upon approval, Contractor shall redistribute the revised notices to affected residents and businesses no less than seven (7) days prior to the new construction date at no additional cost to the City.

Add the following subsection:
600-2.1 Payment.

Payment for preparing and distributing public notifications as specified in this section shall be included in the Contract Unit Price per LUMP SUM (LS) for TRAFFIC CONTROL and no additional compensation shall be allowed therefor.

SECTION 601 - TEMPORARY TRAFFIC CONTROL FOR CONSTRUCTION AND MAINTENANCE WORK ZONES

601-1 GENERAL.

This subsection shall be supplemented by the following:

Prior to the start of construction, traffic control devices shall be installed and approved by the Engineer in accordance with the approved Traffic Control Plan (TCP).

During non-construction hours, the Contractor shall maintain all lanes open and free of sand, gravel, debris, and other materials. The Contractor shall provide sufficient traffic safety devices to protect traffic from any hazard. No open excavation in street or sidewalk shall be left overnight. The Contractor shall cover the excavation area, if left overnight with steel plate or fill it with aggregate base to grade and compact and seal with temporary asphalt concrete to yield a safe driving and/or walking surface. The work area shall be adequately prepared to permit driving on the constructed surface during non-construction hours. Any location yielding a situation that is not considered drivable by the Engineer shall be resolved at the direction of the Engineer and the Contractor will not be paid for the cost incurred by corrective action and shall be charged for any City costs incurred for corrective action.

The Contractor shall accommodate and coordinate with the City's refuse pick-up service in the project area. The Contractor shall accommodate and coordinate with the City's street sweeping service in the project area.

Add the following subsection:
601-1.1 Lane Closures.

No lane closures on major highways shall be permitted during the rush hours from 6:30 AM to 8:30 AM and 3:30 PM to 8:30 PM, Mondays through Fridays. One lane in each direction shall be open to traffic at all times.

No night or weekend work shall be allowed unless approved in writing by the Engineer. No additional compensation shall be paid for night or weekend work if so approved by the Engineer.

Lane closures and maintenance of access to abutting properties shall conform to the requirements specified in these Specifications.

601-2 TEMPORARY TRAFFIC CONTROL PLAN (TCP).
601-2.1 General.
This subsection shall be supplemented by the following:

This Project requires the preparation and submittal of stamped and signed TCPs including diagrams and references that adequately show phasing of segmented street closures, alternative resident parking areas, street closure detour plans and the traffic control measures proposed for all phases of work in order to adequately convey the necessary traffic control measures as required in the CA MUTCD and WATCH manuals.

The Contractor shall prepare all necessary TCPs and submit to the Engineer for approval upon Notice to Proceed 1 issuance. The TCPs shall be prepared by a California Licensed Traffic Engineer and shall include the following:

1. Notification Signs.
2. Temporary traffic control devices
3. Temporary "No Parking" signs and restrictions
4. Adjacent on-street parking available for residents and businesses
5. Existing and temporary lane lines.
6. Dimensions of the Work zone and street improvements.
7. Advance warning signs.
8. Delineators
9. Lighting, for night time work
10. Portable Changeable Message signs (PCMS)

Should street closures be performed, the Contractor shall use water-filled barriers to block incoming traffic. The addition of water in the water-filled barriers shall be optional. The Contractor shall properly dispose of water.

Prior to commencement of paving operations, Contractor shall prepare and submit a TCP detailing the phasing and paving operations for all the streets in the project. The TCP shall be approved by the Engineer and shall include, but not limited to the following:

- Dates of paving operations

- Map of streets coded for each phase of work
- Adjacent on-street parking available for residents and businesses
- List of equipment, materials, and labor
- "Temporary No Parking" notifications
- Verify surface is drivable prior to opening street
- Maintain cleanliness of street
- Remove all loose aggregates
- Identify trades within each work area

601-2.3 Payment.
This subsection shall be replaced with the following:

Full compensation for conforming to the requirements for Traffic Control, including preparing Traffic Control Plans, creating and revising permit applications, acquiring an approved permitted traffic control permit, furnishing all labor, tools, equipment, materials and incidentals required for doing all the work involved in all temporary traffic control related work involving placing, removing, storing, maintaining, moving to new locations, replacing and disposing of the components of traffic control system, complete in place, all associated temporary signing and striping; placing temporary asphalt concrete paving as necessary to facilitate traffic control for the project, to accommodate rerouting of both vehicular and pedestrian circulation; flashing arrow signs; portable changeable message signs (PCMS); flagging and/or flagger costs; and project notifications, as specified in the Standard Specifications and these Special Provisions, and as directed by the Engineer.

Payment for this item shall be made at the contract Lump Sum (LS) bid price for **TRAFFIC CONTROL** and shall include preparing and implementing traffic control plans, including furnishing, installing, maintaining and finally removing any necessary traffic control including wayfinder signs for pedestrians, temporary railings/barricades where required, temporary traffic signage, striping, detours, road closures, lights, fences, flares, temporary paving, flashing arrow signs, PCMS, flagging, and such other items and services shown on the plans and/or as are necessary to adequately safeguard the public from hazard and unnecessary inconvenience. All such work shall be as provided herein, and/or directed by the Engineer. Payment will be made on a pro-rata basis of the price bid and will be paid with each payment application based on the value of work completed.

601-3 TEMPORARY TRAFFIC CONTROL (TTC) ZONE DEVICES
601-3.1 General
This subsection shall be supplemented by the following:

All traffic control devices, signs, barricades and delineators shall be as specified in the "Manual of Warning Signs, Lights, and Devices for Use in Performance of Work Upon Highways" issued by the State of California Department of Transportation and in accordance with Part VI of the current CA MUTCD.

Portable delineators (traffic cones are not allowed) shall be spaced as necessary for proper delineation of the travel way. The spacing between delineators shall not exceed 50 feet. The minimum lane transitions shall be a 50 to 1 taper unless otherwise shown on the approved TCPs.

The Contractor shall provide and maintain all temporary traffic control devices, signs, barricades, pedestals, flashers, delineators and other necessary facilities for the protection of the public,

including motorists and pedestrians within the limits of the construction area. The Contractor shall post proper signs to notify the public regarding detours and condition of the roadway in accordance with the provisions of the California Vehicle Code and current State of California Department of Transportation Manual of Traffic Controls. If any traffic cones or portable delineators are damaged, displaced or are not in an upright position, from any cause, said cones or portable delineators shall immediately be replaced or restored to their original location, in an upright position by the Contractor at no additional cost to the City.

601-3.4 Operation and Maintenance
This subsection shall be supplemented by the following:
The Contractor shall keep the areas adjacent to the project site clear of any objects that may be hazardous to motorists and pedestrians.

The Contractor shall maintain a 24-hour emergency service to remove, install, relocate, and maintain warning devices and shall furnish to the City names and telephone numbers of three persons responsible for this emergency service. In the event these persons do not promptly respond when notified, or it becomes necessary to call other forces to accomplish emergency service, the Contractor will be held liable for any costs incurred.

The Contractor shall furnish such flagmen as are necessary to give adequate warning to traffic or to the public of any dangerous conditions to be encountered. Flagmen, while on duty and assigned to give warning to the public that the highway is under construction and of any dangerous conditions to be encountered as a result thereof shall perform their duties and shall be provided with the necessary equipment in accordance with the current “Instructions to Flagmen” of the Department of Transportation. The equipment shall be furnished and kept clean and in good repair by the Contractor at his expense.

Should the Contractor appear to be neglectful or negligent in furnishing warning and protective measures as provided, the Engineer may direct attention to the existence of a hazard and the necessary warning and protective measures shall be furnished and installed by the Contractor at his expense. Should the Contractor fail to furnish sufficient precautionary traffic control devices within one (1) hour after notification by the City, the City shall place the necessary items or personnel and the Contractor shall be billed for said items or personnel.

Should the Engineer point out the inadequacy of warning and protective measures, such action on the part of the Engineer shall not relieve the Contractor from responsibility for public safety or abrogate his obligation to furnish and pay for these devices.

Payment for as specified in this section shall be included in the Contract Unit Price per LUMP SUM (LS) for TRAFFIC CONTROL and no additional compensation shall be allowed therefor.

601-3.5 Signs and Signage.
This subsection shall be supplemented by the following:

The Contractor shall post “Temporary No Parking – Tow Away” signs (even if streets have posted “No Parking” signs) along the streets during each working day at least 48 hours prior to start of restriction, excluding holidays, Saturdays, and Sundays before commencing any road work. All signs shall include the following code reference:

- **“California Vehicle Code (CVC) §22651(l)”**

This section of the CVC authorizes the removal of vehicles illegally parked in areas designated for street cleaning, repair, construction, or installation of underground utilities, provided that signs giving notice of potential removal are erected or placed by the local authority at least twenty-four (24) hours prior to removal.

The Contractor shall submit a text of all signs and notices to the Engineer for approval before installation or distribution.

Signs shall be posted and maintained by the Contractor for a period of seventy-two (72) hours prior to the restrictions becoming effective. The Contractor may only post parking restrictions that are effective for the duration of the Work. The Contractor shall promptly reset or replace all damaged or defective signs until Work had been completed. Upon completion of the Work, all signs, stakes, and barricades shall be promptly and completely removed and disposed of by the Contractor.

The Contractor shall only post the parking restrictions that are effective for the duration of the Work for the street posted. Work shall start on the first day of the parking restriction as posted on the temporary “No Parking” sign. For paving operations, each street shall only be posted for “no parking” no longer than two (2) days for each phase of the construction operation or as approved of the Agency.

The Contractor is hereby notified that each street may need to be posted multiple times during the duration of the project.

Signs shall be mounted such that the wording "No Parking" are at an elevation at least three (3) feet above the adjacent flowline. Signs may be mounted to stakes or barricades as provided by the Contractor. The signs shall be placed as needed to control the parking of cars within the construction zone; signs shall be placed at intervals of seventy-five (75) feet or less along each side of the roadway.

Should the schedule be affected, the Contractor shall immediately remove signs from area being affected, and place a minimum of two (2) PCMS Boards for public notification of changes. Contractor shall reschedule the affected area no earlier than forty-eight (48) hours or two (2) working days from the change of schedule.

The Contractor shall be fully responsible for the adequate removal of all parked cars. All vehicle removal shall be coordinated by the Contractor with the Agency. The Contractor shall notify the Agency upon posting of the parking restrictions for a particular street. For removal of parked vehicles, the Contractor shall notify the Agency not less than two (2) hours prior to the needed removal with the address nearest the parked vehicle, make, model, color and license number. The Agency shall not be responsible for any delay or additional costs associated with the removal of parked cars that obstruct the construction operation.

If a vehicle owner successfully contests a towing citation in court and their citation is dismissed for causes related to the Contractor's failure to perform the requirements of this section, the Contractor shall reimburse the Agency for the cost of any claims associated with the towing citation.

Deviations from the requirements of this subsection will be permitted only on prior consent of the Engineer. Failure of the Contractor to adhere to the requirements of this subsection, or failure of the Contractor to complete his daily schedule once “temporary no parking” signs have been

posted, will result in damages being sustained by the Agency. Such damages are and will continue to be, impracticable and extremely difficult to determine. For each occurrence of a violation, as provided herein, the Contractor shall pay to the Agency or have withheld from monies due to it, the sum of $5,000.00.

Execution of the contract shall constitute agreement by the Agency and Contractor that $5,000.00 per violation is the minimum value of the cost and actual damage caused, that such sum shall not be construed as a penalty, and that such sum may be deducted from payments due the Contractor.

Payment for furnishing and installing signs as specified in this section shall be included in the Contract Unit Price per LUMP SUM (LS) for TRAFFIC CONTROL and no additional compensation shall be allowed therefor.

601-3.7 Traffic Sign Enhancement Devices
601-3.7.5 Portable Changeable Message Signs (PCMS)
This subsection shall be supplemented by the following:

PCMS shall be furnished, placed, operated and maintained as designated by the Engineer in conformance with the provisions in Section 12-3.32, "Portable Changeable Message Signs," of the State Standard Specifications and these Special Provisions. The Contractor shall furnish two (2) solar-powered PCMS for this Project. PCMS shall be in place two (2) weeks prior to start of construction as directed by the Engineer.

The Engineer shall determine the exact message wording and location. The Contractor may be required to update the changeable message daily, depending on the type of work performed. The Contractor shall be responsible for maintaining, relocating, programming, and re-programming the PCMS as specified and as directed by the Engineer.

Approximate locations of the PCMS are as follows:

- Begin & End Limits of **Zones 5 and 6** (Total of 6)

Primary message before commencement of construction shall be:

SCREEN 1	SCREEN 2	SCREEN 3
ROAD WORK STREET 1 AT STREET 2	MONTH XXX TO MONTH XXX	EXPECT DELAYS

Primary message during construction shall be:

SCREEN 1	SCREEN 2	SCREEN 3

ROAD WORK STREET 1 AT STREET 2	MONTH XXX TO MONTH XXX	USE ALTERNATE ROUTE

The Contractor shall take pictures and document implementation of use of PCMS. Pictures and documentation shall be provided to City and filed with project documents.

Payment for furnishing, placing, updating and maintaining PCMS as specified in this section shall be included in the Contract Unit Price per LUMP SUM (LS) for TRAFFIC CONTROL and no additional compensation shall be allowed therefor.

601-3.7.6 Flashing Arrow Signs
This subsection shall be supplemented by the following:

Each flashing arrow sign shall be solar-powered, mounted on a truck or trailer and shall be capable of operating while the vehicle is moving or as directed by the Engineer.

Signs mounted on the cab of a truck shall be mounted to provide a minimum of 7 feet clearance between the bottom of the sign and the roadway. Signs mounted on a trailer, or on anything other than the cab of a truck, shall be mounted to provide a minimum of 8 feet clearance between the bottom of the sign and the roadway.

The total weight of trailer mounted flashing arrow sign including the trailer, sign, power source and other components shall not exceed 1,500 pounds and the height of the level trailer bed shall be no higher than 21 inches above the roadway. The trailer shall be equipped with a minimum of 3 leveling jacks.
Electrical energy, to operate the sign, shall be obtained from the vehicle on which the sign is mounted. The supply of electrical energy shall be capable of operating the sign in the manner specified. The electronic circuitry shall provide between 30 and 45 complete operating cycles of the sign per minute in each of the modes specified.

Alternative types of lamps may be used in flashing arrow signs if visibility is equal to the specified lamps. Each Type AX flashing arrow sign shall be a minimum of 2 feet high and 4 feet wide and shall be furnished with flat black enamel. A minimum of 13 No.4414AX 12-volt, yellow or amber lamps shall be installed in the panel. The lamp configuration shall be for 3 arrowheads or an arrow shaft with 2 arrowheads, one pointing in each direction on the face of the sign with a minimum of 5 lamps forming each arrowhead. Each lamp shall be provided with a visor.

The lamp shall be activated by a switch on a control panel and shall be controlled by electronic circuitry to provide a minimum of 4 selectable modes of operation as follows:

Pass Left Mode - Sequencing of lighted arrowheads or sequencing the lamps forming the arrow shaft and arrowhead to the left or a flashing left arrow with the lamps in the arrow shaft and arrowhead flashing on and off simultaneously.

Pass Right Mode - Sequencing of lighted arrowheads or sequencing the lamps forming the arrow

shaft and arrowhead to the right or a flashing right arrow with the lamps in the arrow shaft and arrowhead flashing on and off simultaneously.

Simultaneous Mode - Either the outside arrowheads pointing in opposite directions are continuously illuminated, except for the center lamp forming each arrowhead, while the arrow shaft lamps flash on and off simultaneously or the outside arrowhead pointing in opposite directions and the arrow shaft lamps all flash simultaneously to indicate passing on either side.

Travel Mode - Travel or caution mode shall flash in a manner not resembling any other mode.

Payment for furnishing and installing flashing arrow signs as specified in this section shall be included in the Contract Unit Price per LUMP SUM (LS) for TRAFFIC CONTROL and no additional compensation shall be allowed therefor.

601-4 TEMPORARY TRAFFIC STRIPING AND PAVEMENT MARKINGS

601-4.1 General

This subsection shall be supplemented by the following:

The Contractor shall provide temporary delineation as directed/approved by the Engineer. Temporary delineation shall include sandblasting of conflicting markings; installation and removal of temporary centerlines or lane lines, detour signing, barricading; and replacement of traffic lines and markings in their proper locations upon termination of the detour. Conflicting existing and temporary striping, as required for traffic control during construction, shall be removed by the Contractor by using wet nozzle sandblasting methods with immediate clean-up of residues. Blacking out pavement markings shall not be allowed. Temporary reflective striping tape may be used, except that it shall not be applied to final asphalt surfaces. Said tape shall be removed from temporary surfaces prior to placement of additional asphalt.

Payment for furnishing, installing and maintaining temporary striping and pavement markings as specified in this section shall be included in the Contract Unit Price per LUMP SUM (LS) for TRAFFIC CONTROL and no additional compensation shall be allowed therefor.

601-5 TRAFFIC LANE WIDTHS AND CLEARANCES

601-5.1 General

This subsection shall be supplemented by the following:

There shall be a minimum of three (3) feet clearance from open excavations and one (1) foot from other obstructions (curbs, k-rail, etc.). All lanes shall be open to traffic during non-working hours. AC cold milling and paving work in any one intersection shall be performed continuously until said work is complete. Work shall not be allowed to proceed on to a second intersection until said work is complete at the first intersection, nor shall any given intersection be subject to multiple separate “move-ins” that require lane closures and disruption to traffic. No two adjacent intersections shall be impacted by lane closures at the same time, regardless of the number of crews that the Contractor utilizes. Work by multiple crews at alternating intersections would be allowed.

The Contractor will not be allowed to excavate a larger quantity of area ("Localized Repair") than he can successfully repave in the same working day. No incomplete paving work will be allowed to remain during the hours designated as requiring "all" lanes open to traffic, except in specific instances in which a minor amount of area can safely be covered by approved means with nonskid steel plates, capable of carrying HS20 (AASHTO) wheel loading, or patched with temporary AC to bring the excavation up to grade. Said temporary AC shall be ground down to permanent AC

sub-grades and approved by the Engineer prior to placement of additional permanent AC.

Excavations of less than four (4) feet in width may be covered with non-skid steel plates capable of carrying HS20 wheel loading over the span of the excavation. Plates shall have a minimum width equal to the excavation width plus 24 inches and be securely fastened to the street surface. Asphalt fillets, a minimum of six (6) inches wide shall be placed around the perimeter of the plate. When traffic is transferred to any type of temporary pavement surface, good drivability of the surfaces shall be maintained and shall be subject to approval by the Engineer prior to allowing traffic to be transferred upon it.

601-6 COVERING OF EXISTING TRAFFIC SIGNS AND SIGNAL FACES

601-6.1 General

This subsection shall be supplemented by the following:

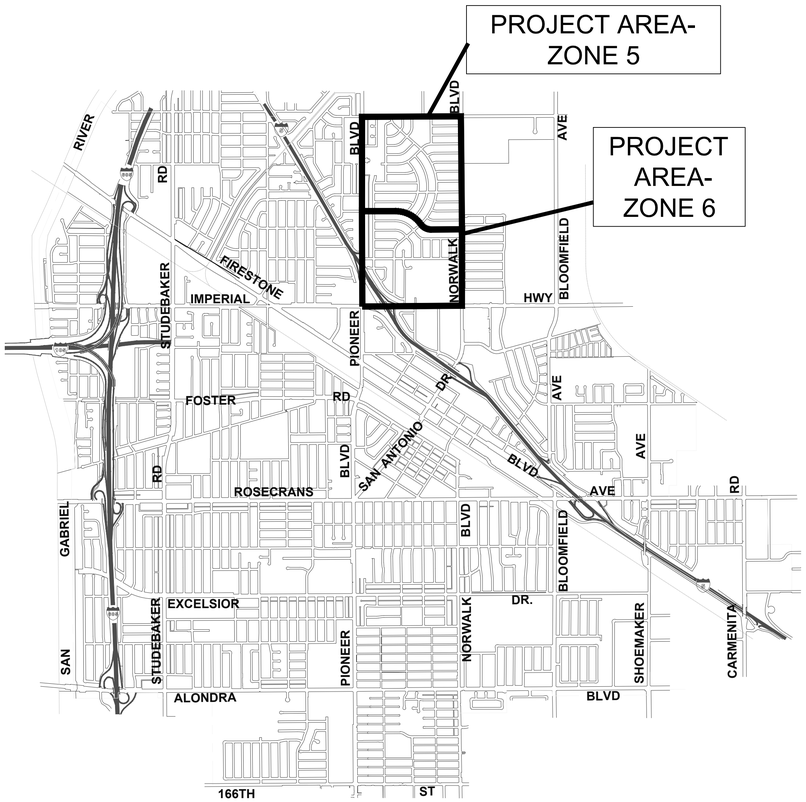
Where construction detours and signing conflict with existing signing, the Contractor shall cover existing signs in a manner approved by the City Engineer or his/her designee. The Contractor shall provide temporary traffic re-striping at the conclusion of each working day, if not sooner as directed by the City Engineer or his/her designee, for any centerline, painted median or lane line which is obliterated by construction.

APPENDIX A
CONFORMED SET OF PROJECT PLANS

CITY OF NORWALK

CITY PROJECT NO. 7944

LOCAL STREETS REHABILITATION PROGRAM ZONE 5 AND 6



VICINITY MAP

NO SCALE

SHEET INDEX

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62	Z6.Q-01	ZONE 6 QUANTITIES

GENERAL NOTES

1. ALL WORK SHALL CONFORM TO THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, LATEST EDITION INCLUDING SUPPLEMENTS THERETO, AND CITY OF NORWALK STANDARD PLANS.
2. THE CONTRACTOR SHALL CONTACT THE CITY OF NORWALK, ENGINEERING DIVISION AT LEAST TWO WORKING DAYS (48 HOURS) PRIOR TO STARTING CONSTRUCTION. TEL (562) 929-5723.
3. ARROW BOARDS SHALL BE USED ON ANY LANE CLOSURES ON ARTERIAL STREETS.
4. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO ARRANGE FOR AND COORDINATE THE RELOCATION OF ANY EXISTING UTILITIES DEEMED NECESSARY BY THE PROPOSED IMPROVEMENTS.
5. ALL FINISH SURFACES SHALL BE CONSTRUCTED TO MAINTAIN POSITIVE DRAINAGE.
6. BEFORE STARTING WORK THE CONTRACTOR SHALL OBTAIN A PERMIT FROM THE CITY OF NORWALK, ENGINEERING DIVISION (NO FEE).
7. HARD HATS, ORANGE VESTS, AND OTHER REQUIRED SAFETY EQUIPMENT SHALL BE WORN AT ALL TIMES WHEN WORKING ON THIS PROJECT.
8. THE CONTRACTOR SHALL COMMUNICATE DIRECTLY WITH THE UTILITY COMPANIES WHEN REQUESTING FACILITIES TO BE LOCATED, MARKED OR REPAIRED. NO EXCAVATIONS ARE PERMITTED UNTIL ALL UTILITIES ARE MARKED AND UTILITY COMPANIES/AGENCIES ARE NOTIFIED.
9. SAFETY IS STRESSED. ANY OPERATIONS OR SITUATIONS THAT THREATEN THE SAFETY OF WORKERS OR THE PUBLIC, INCLUDING IMPROPER TRAFFIC CONTROL, WILL CAUSE THE SUSPENSION OF WORK UNTIL CORRECTIONS ARE MADE, AND NO ADDITIONAL WORKING DAYS WILL BE ALLOWED.
10. APPROVAL OF THIS PLAN BY CITY ENGINEER DOES NOT CONSTITUTE A REPRESENTATION OF THE ACCURACY OF THE LOCATION OF, OR THE EXISTENCE OR NON-EXISTENCE OF ANY UNDERGROUND UTILITY PIPES OR STRUCTURES WITHIN THE LIMITS OF THE PROJECT. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO DETERMINE THE TRUE LOCATION OF ALL PUBLIC AND PRIVATE UTILITIES, AND FOR MAINTAINING SERVICE TO ANY INDIVIDUAL PROPERTY WHOSE UTILITY SERVICE MAY BE DAMAGED BY THE CONTRACTOR IN THE PERFORMANCE OF THE WORK.
11. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY THE LOCATION OF ALL EXISTING UNDERGROUND UTILITIES (BY POTHOLING OR OTHER MEANS). CONTRACTORS SHALL NOTIFY UNDERGROUND SERVICE ALERT (USA) 811 OR (800) 422-4133 AT LEAST 48 HOURS PRIOR TO ANY EXCAVATION TO LOCATE EXISTING UTILITIES.
12. NO BACKFILL MATERIAL, PAVING MATERIAL OR EQUIPMENT MAY BE STORED OVERNIGHT IN PUBLIC RIGHT-OF-WAY.
13. ALL STRIPING SHALL BE PAINTED TWO (2) COATS UNLESS OTHERWISE NOTED.
14. AREAS ADJACENT TO THE CONSTRUCTION SITE SHALL BE KEPT CLEAN AT ALL TIMES.
15. STATIONING REFERS TO SURVEY CENTERLINE OF STREET.
16. LANE CLOSURES ON MAJOR ARTERIAL HIGHWAYS ARE PERMITTED ONLY BETWEEN 9:00 A.M. AND 3:30 P.M. AND BETWEEN 9:00 PM AND 6:00 AM. ONE LANE OF TRAFFIC IN EACH DIRECTION SHALL REMAIN OPEN AT ALL TIMES.
17. CONTRACTOR SHALL PREPARE AND SUBMIT TRAFFIC CONTROL PLANS AT CONTRACTOR'S EXPENSE FOR CITY'S REVIEW AND APPROVAL BEFORE CONSTRUCTION BEGINS. TRAFFIC CONTROL PLANS SHALL BE PREPARED BY A CURRENT CALIFORNIA LICENSE CIVIL OR TRAFFIC ENGINEER.
18. CONSTRUCTION STAKING SHALL BE PERFORMED BY A CALIFORNIA REGISTERED SURVEYOR OR ENGINEER RETAINED AND PAID FOR BY THE CONTRACTOR. THE SURVEYOR OR ENGINEER SHALL CERTIFY ON THE FINAL CONSTRUCTION DRAWING THAT THE STAKING WAS PERFORMED ACCORDING TO APPROVED PLANS.
19. TRAFFIC SIGNAL, SIGNING AND STRIPING SHALL CONFORM TO THE STATE OF CALIFORNIA STANDARD PLANS AND SPECIFICATIONS, DATED 2025 AND LATEST REVISIONS, THE CALIFORNIA MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (CALIFORNIA M.U.T.C.D.), DATED 2026 AND LATEST REVISIONS, THESE PLANS, AND THE SPECIAL PROVISIONS.
20. CONTRACTOR SHALL OBTAIN APPROVAL FROM THE ENGINEER FOR EXACT EQUIPMENT LOCATIONS (SIZE AND DURATION) PRIOR TO FINAL PLACEMENT.

UTILITY COMPANIES /AGENCIES

COMPANY/AGENCIES	CONTACT	TELEPHONE	COMPANY/AGENCIES	CONTACT	TELEPHONE
S.C. EDISON COMPANY	SCOTT SILVESTRI	(562) 903-3138	VERIZON	RAY ROUNDTREE	(562) 903-7915
S.C. GAS COMPANY	EDDIE CORTEZ	(213) 231-5427	CRIMSON OIL	SHENAN LOVRIEN	(562) 285-4107
FRONTIER COMMUNICATIONS	OTTO PETERSON	(562) 322-1086	GOLDEN STATE WATER COMPANY	DAVID MATAITUSI	(562) 667-7177
NORWALK MUNICIPAL WATER SYSTEMS	MARCO RAMIREZ	(562) 577-6016	METROPOLITAN WATER DISTRICT	MAURICE LONG	(213) 217-6901
CHARTER COMMUNICATIONS	ERIK LEMUS	(562) 322-9624	CITY OF NORWALK SEWER	MARCO RAMIREZ	(562) 577-6016
L.A.C. SANITATION DISTRICT	JOHN GANZ	(562) 908-4288 EXT. 1205	ATHENS SERVICES (TRASH)	JORGE RODRIGUEZ	(626) 290-1459
L.A.C.F.C.D. FLOOD CONTROL DISTRICT	ALBERT MENDOZA	(562) 929-5511	LIBERTY UTILITIES	BRETT OMMEN	(562) 805-2067
CHEVRON OIL COMPANY	AL SUPER	(714) 228-1506			

100% SUBMITTAL

PLANS PREPARED BY:

Kimley»Horn

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No. C73629
CIVIL
STATE OF CALIFORNIA

Prepared Under the Supervision of:

SRIKANTH CHAKRAVARTHY, P.E. RCE 73629 — 6/5/2026 DATE

engineering division

REVISIONS

DATE	BY	

FIELD BOOK REF.

PLAN REF.

CITY OF NORWALK
A Connected Community

TITLE: NORWALK PAVEMENT REHAB ZONE 5 AND 6 - COVER PAGE

Approved — CITY ENGINEER — RCE 90882 — 2026-06-04 DATE

Recommended — PRINCIPAL CIVIL ENGINEER — RCE 75709 — 2026-06-04 DATE

PROJECT NO. 7944

DRAWING NO. CV-01

Drawn By RC Checked By PW SHEET 1 OF 62

\\LDTFP01\CA_LDT\LDT_TPTO\099701006 - NORWALK PAVEMENT REHAB ZONES 5 6 30\DESIGN\CADD\CURRENTS\1 CV-01.DWG LAST SAVED BY: AARON.SO 2026-06-05

GENERAL NOTES CONTINUED:

21. INSPECTION:
ALL WORK AND MATERIALS SHALL BE INSPECTED BY THE INSPECTOR OF PUBLIC WORKS DURING CONSTRUCTION PURSUANT TO LATEST EDITION OF STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION (GREENBOOK), AND THE STANDARD PLANS FOR PUBLIC WORKS CONSTRUCTION AS APPLICABLE. CALL THE CITY REPRESENTATIVE AT (562) 929-5723 AT LEAST TWO WORKING DAYS (48 HOURS) BEFORE THE FIRST SCHEDULED DAY OF CONSTRUCTION.

22. PRIOR TO THE START OF ANY CONSTRUCTION, DEMOLITION, REMOVALS, SAWCUTTING, OR INSTALLATION OF TRAFFIC CONTROL, THE CONTRACTOR SHALL MEET WITH THE CITY INSPECTOR TO DISCUSS & COORDINATE SAFETY, TRAFFIC CONTROL REQUIREMENTS, PUBLIC ACCESS, CONSTRUCTION IMPACT MITIGATION, REMOVAL LIMITS, AND CONTRACTOR'S PLANNED SEQUENCING OF OPERATIONS. ADDITIONAL REQUIREMENTS BY THE CITY SHALL BE COORDINATED WITH THE CALIFORNIA DEPARTMENT OF TOXIC SUBSTANCES CONTROL.

23. PRIOR TO OR AT THE PROJECT PRECONSTRUCTION MEETING, THE PERMITTEE OR ITS CONTRACTOR SHALL PROVIDE THE CITY INSPECTOR TWO SETS OF FULL-SIZE PLANS AND MAINTAIN ONE SET OF FULL-SIZE PLANS AT THE SITE DURING CONSTRUCTION.

24. UNDERGROUND SERVICE ALERT:
BEFORE COMMENCING ANY EXCAVATION, THE CONTRACTOR SHALL OBTAIN AN UNDERGROUND SERVICE ALERT (USA) INQUIRY I.D. NUMBER BY CALLING 811. THREE WORKING DAYS SHALL BE ALLOWED AFTER THE I.D. NUMBER IS OBTAINED AND BEFORE THE CONTRACTOR STARTS THE EXCAVATION WORK SO THAT UTILITY OWNERS CAN BE NOTIFIED BY THE CONTRACTOR.

25. NOTIFICATION:
AT LEAST TEN (10) DAYS BEFORE THE START OF CONSTRUCTION, THE CONTRACTOR SHALL NOTIFY, IN WRITING, ABUTTING PROPERTY OCCUPANTS OF THE PROPOSED CONSTRUCTION START DATE. A COPY OF SAID WRITTEN NOTIFICATION SHALL BE PROVIDED TO THE PUBLIC WORKS INSPECTOR FOR APPROVAL BEFORE THEY ARE DISTRIBUTED TO THE OCCUPANTS OF THE ABUTTING PROPERTY.

26. ADVANCE CONSTRUCTION NOTICE SIGNS:
IN ADDITION TO SIGNS REQUIRED BY THE PROVISIONS OF THE "WORK AREA TRAFFIC CONTROL HANDBOOK" (WATCH), LATEST EDITION, FURNISH AND PLACE SIGNS FOR GIVING ADVANCE NOTICE TO MOTORISTS OF TRAFFIC DISRUPTION AS PART OF THIS PROJECT.

27. TRAFFIC CONTROL SHALL BE IN ACCORDANCE WITH THE APPLICABLE CASE OF THE THE LATEST EDITION OF THE "WORK AREA TRAFFIC CONTROL HANDBOOK" (WATCH). PROVIDE TRAFFIC CONTROL PLAN FOR REVIEW AND APPROVAL IF NO APPLICABLE CASE.

28. REMOVALS:
REMOVE ALL EXISTING IMPROVEMENTS THAT INTERFERE WITH THE CONSTRUCTION OF THIS PROJECT UNLESS OTHERWISE NOTED.

29. CONCRETE CURBS, CURB AND GUTTERS, CURB RAMPS, LONGITUDINAL GUTTERS, AND SIDEWALKS DAMAGED DUE TO CONSTRUCTION SHALL BE REPLACED TO THE SATISFACTION OF THE CITY ENGINEER AT NO COST TO THE CITY.

30. SURVEY MONUMENT:
THE CONTRACTOR SHALL FURNISH, PRESERVE, AND RE-ESTABLISH ALL EXISTING MONUMENTS THAT ARE RECORDED AND/ OR IDENTIFIED IN THE LOS ANGELES COUNTY SURVEYOR'S OFFICE AND/OR FIELD BOOK. THE CONTRACTOR SHALL ALSO ESTABLISH ALL CONTROLS AND ELEVATIONS AS REQUIRED AND AS SHOWN ON THE PLAN OR AS DIRECTED BY THE ENGINEER.

31. SPECIAL NOTE:
THE CONTRACTOR SHALL HAVE GRADE SHEETS AND DESIGN CHANGES APPROVED BY THE ENGINEER OF RECORD PRIOR TO THE CONSTRUCTION OF ANY CHANGES.

32. PROJECT COMPLETION AND CLOSURE:
UPON RECEIVING A STATEMENT OF COMPLETION FORM FROM THE PUBLIC WORKS INSPECTOR (OR WHEN CONSTRUCTION IS NEARING A FINAL INSPECTION), THE CONTRACTOR SHALL:

A. NOTIFY THE ENGINEER OF RECORD TO PREPARE AND SUBMIT "AS-BUILT" PLANS. ALL PROJECT FINAL INSPECTIONS SHALL BE PLACED ON HOLD UNTIL THE CONTRACTOR AND ENGINEER OF RECORD COLLABORATELY SUBMIT AS-BUILT PLANS FOR PRE-APPROVAL.

B. PROVIDE COPIES OF CHANGE ORDER FORMS SIGNED BY ALL OFFICES TO THE ENGINEER OF RECORD.

C. UNLESS OTHERWISE INDICATED, THE ENGINEER OF RECORD IS RESPONSIBLE FOR PREPARING "AS-BUILT" PLANS IN COORDINATION WITH THE CONTRACTOR. AS BUILT PLANS WITH ASSOCIATED CHANGE ORDER FORMS SHALL BE SUBMITTED BY THE CONTRACTOR TO THE ENGINEER OF RECORDS.

MAINTENANCE

ALL MEASURES STATED IN THE STORM WATER POLLUTION PREVENTION PLAN, SHALL BE MAINTAINED IN FULLY FUNCTIONAL CONDITION UNTIL NO LONGER REQUIRED FOR A COMPLETED PHASE OF WORK OR FINAL STABILIZATION OF THE SITE. ALL EROSION AND SEDIMENTATION CONTROL MEASURES MAY BE CHECKED BY A QUALIFIED PERSON ON A SCHEDULE THAT MEETS OR EXCEEDS THE GOVERNING REQUIREMENTS, AND CLEANED AND REPAIRED IN ACCORDANCE WITH THE FOLLOWING:

1. INLET PROTECTION DEVICES AND BARRIERS SHALL BE REPAIRED OR REPLACED IF THEY SHOW SIGNS OF UNDERMINING, OR DETERIORATION.

2. ALL SEEDED AREAS SHALL BE CHECKED REGULARLY TO SEE THAT A GOOD STAND IS MAINTAINED. AREAS SHOULD BE FERTILIZED, WATERED AND RESEEDED AS NEEDED.

3. SILT FENCES SHALL BE REPAIRED TO THEIR ORIGINAL CONDITIONS IF DAMAGED. SEDIMENT SHALL BE REMOVED FROM THE SILT FENCES WHEN IT REACHES ONE-HALF THE HEIGHT OF THE SILT FENCE.

4. THE CONSTRUCTION ENTRANCES SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING OR FLOW OF MUD ONTO PUBLIC RIGHTS-OF-WAY. THIS MAY REQUIRE PERIODIC TOP DRESSING OF THE CONSTRUCTION ENTRANCES AS CONDITIONS DEMAND.

5. THE TEMPORARY PARKING AND STORAGE AREA SHALL BE KEPT IN GOOD CONDITION (SUITABLE FOR PARKING AND STORAGE). THIS MAY REQUIRE PERIODIC TOP DRESSING OF THE TEMPORARY PARKING AS CONDITIONS DEMAND.

6. OUTLET STRUCTURES IN THE SEDIMENTATION BASINS SHALL BE MAINTAINED IN OPERATIONAL CONDITIONS AT ALL TIMES. SEDIMENT SHALL BE REMOVED FROM SEDIMENT BASINS OR TRAPS WHEN THE DESIGN CAPACITY HAS BEEN REDUCED BY 55 CUBIC YARDS / ACRE.

7. ALL MAINTENANCE OPERATIONS SHALL BE DONE IN A TIMELY MANNER.

DEMOLITION NOTES

1. ALL MATERIAL REMOVED FROM THIS SITE BY THE CONTRACTOR SHALL BE DISPOSED OF BY THE CONTRACTOR IN A LEGAL MANNER.

2. REFER TO THE TOPOGRAPHIC SURVEY FOR ADDITIONAL DETAILS OF EXISTING STRUCTURES, ETC., LOCATED WITHIN THE PROJECT SITE. UNLESS OTHERWISE NOTED, ALL EXISTING BUILDINGS, STRUCTURES, SLABS, CONCRETE, ASPHALT, DEBRIS PILES, SIGNS, AND ALL APPURTENANCES ARE TO BE REMOVED FROM THE SITE BY THE CONTRACTOR AND PROPERLY DISPOSED OF IN A LEGAL MANNER AS PART OF THIS CONTRACT. SOME ITEMS TO BE REMOVED MAY NOT BE DEPICTED ON THE TOPOGRAPHIC SURVEY. IT IS THE CONTRACTOR'S RESPONSIBILITY TO VISIT THE SITE AND DETERMINE THE FULL EXTENT OF ITEMS TO BE REMOVED. IF ANY ITEMS ARE IN QUESTION, THE CONTRACTOR SHALL CONTACT THE OWNER PRIOR TO REMOVAL OF SAID ITEMS.

3. TREE PROTECTION FENCING SHALL BE INSTALLED AS NECESSARY PRIOR TO ANY DEMOLITION.

4. CONTRACTOR SHALL ADJUST GRADE OF ANY EXISTING UTILITIES TO REMAIN AND MATCH PROPOSED FINISHED SURFACE.

BEST MANAGEMENT PRACTICES NOTES

1. EVERY EFFORT SHOULD BE MADE TO ELIMINATE THE DISCHARGE OF NON-STORMWATER FROM THE PROJECT SITE AT ALL TIMES.

2. ERODED SEDIMENTS AND OTHER POLLUTANTS MUST BE RETAINED ON-SITE AND MAY NOT BE TRANSPORTED FROM THE SITE VIA SHEET FLOW, SWALES, AREA DRAINS, NATURAL DRAINAGE COURSES OR WIND.

3. STOCKPILES OF EARTH AND OTHER CONSTRUCTION RELATED MATERIALS MUST BE PROTECTED FROM BEING TRANSPORTED FROM THE SITE BY THE FORCES OF WIND OR WATER.

4. FUELS, OILS, SOLVENTS, AND OTHER TOXIC MATERIALS MUST BE STORED IN ACCORDANCE WITH THEIR LISTING AND ARE NOT TO CONTAMINATE THE SOIL AND SURFACE WATERS. ALL APPROVED STORAGE CONTAINERS ARE TO BE PROTECTED FROM THE WEATHER. SPILLS MUST BE CLEANED UP IMMEDIATELY AND DISPOSED OF IN A PROPER MANNER. SPILLS MAY NOT BE WASHED INTO THE DRAINAGE SYSTEM.

5. EXCESS OR WASTE CONCRETE MAY NOT BE WASHED INTO THE PUBLIC WAY OR ANY OTHER DRAINAGE SYSTEM. PROVISIONS SHALL BE MADE TO RETAIN CONCRETE WASTES ON-SITE UNTIL THEY CAN BE DISPOSED OF AS SOLID WASTE.

6. TRASH AND CONSTRUCTION RELATED SOLID WASTES MUST BE DEPOSITED INTO A COVERED RECEPTACLE TO PREVENT CONTAMINATION OF RAINWATER AND DISPERSAL BY WIND.

7. SEDIMENTS AND OTHER MATERIALS MAY NOT BE TRACKED FROM THE SITE BY VEHICLE TRAFFIC. THE CONSTRUCTION ENTRANCE ROADWAYS MUST BE STABILIZED SO AS TO INHIBIT SEDIMENTS FROM BEING DEPOSITED INTO THE PUBLIC WAY. ACCIDENTAL DEPOSITIONS MUST BE SWEPT UP IMMEDIATELY AND MAY NOT BE WASHED DOWN BY RAIN OR OTHER MEANS.

8. ANY SLOPES WITH DISTURBED SOILS OR DENUDED OF VEGETATION MUST BE STABILIZED SO AS TO INHIBIT EROSION BY WIND AND WATER.

9. ALL CATCH BASINS AND CURB INLETS SHALL BE PROTECTED FROM RECEIVING RUNOFF FROM UNSTABILIZED OR OTHERWISE ACTIVE WORK AREAS. INLET PROTECTION SHALL BE USED IN CONJUNCTION WITH OTHER EROSION AND SEDIMENT CONTROLS TO PREVENT SEDIMENT LADEN STORMWATER AND NON-STORMWATER DISCHARGES FROM ENTERING THE STORM DRAIN SYSTEM.

EXISTING UTILITY NOTE

THE EXISTING UTILITIES SHOWN ON THE PLANS ARE BASED ON AVAILABLE RECORDS. THE CONTRACTOR MUST FIELD DETERMINE THE LOCATION AND DEPTH OF ALL UTILITIES PRIOR TO ANY CONSTRUCTION. REPORT DISCREPANCIES AND POTENTIAL CONFLICTS WITH PROPOSED UTILITIES TO ENGINEER PRIOR TO INSTALLATION OF ANY PIPING.

SURVEY NOTES

SURVEY PREPARED BY THIENES ENGINEERING, INC DATED 3/10/2026 AND 3/26/2026.

BENCHMARK:
ELEVATIONS SHOWN HEREON ARE BASED UPON LOS ANGELES COUNTY BENCHMARK EY11455, ELEVATION 106.889 FEET (NAVD 88).

DESCRIPTION:
LOS ANGELES COUNTY BENCHMARK TAG IN SOUTH CATCH BASIN 1 FOOT WEST OF BCR AT SOUTHWEST CORNER OF IMPERIAL HIGHWAY AND PIONEER BOULEVARD.

BASIS OF BEARING:
THE BEARINGS SHOWN HEREON ARE BASED ON THE CALIFORNIA STATE PLANE COORDINATE SYSTEM (CCS83), ZONE 5, NORTH AMERICAN DATUM 1983 (NAD83) BASED LOCALLY ON CONTINUOUSLY OPERATING REFERENCE STATION (CORS) NCRSCN AND UBKMSN AS BEING NORTH 48°48'38.89" EAST (BASIS OF BEARINGS) (GRID) AND REPRESENTED HEREON BY THE CENTERLINE OF ZEUS AVENUE AS BEING NORTH 00°04'49" WEST (2017.5 EPOCH

ABBREVIATIONS

AB	AGGREGATE BASE
ABAND.	ABANDONED
AC	ASPHALT CONCRETE
BCR	BEGINNING OF CURB RETURN
BFP	BACKFLOW PREVENTER
BMP	BEST MANAGEMENT PRACTICE
BW	BACK OF WALK
C&G	CURB AND GUTTER
CB	CATCH BASIN
CF	CURB FACE
CL	CENTER LINE
CONC	CONCRETE
CY	CUBIC YARD
DIA.	DIAMETER
DW	DOMESTIC WATER
DWY	DRIVEWAY
EG	EDGE OF GUTTER
(E)	EXISTING
EC	EDGE OF CONCRETE
ECR	END OF CURB RETURN
EL	ELEVATION
FF	FINISH FLOOR
FG	FINISH GRADE
FH	FIRE HYDRANT
FL	FLOWLINE
FS	FINISH SURFACE
FT	FEET
FW	FIRE WATER
GM	GAS METER
HP	HIGH POINT
IN	INCHES
INV	INVERT
L	LENGTH
MH	MANHOLE
NO.	NUMBER
O.C.	ON CENTER
O/S	OFFSET
PCC	PORTLAND CONCRETE CEMENT
PCE	PROJECTED CROWN ELEVATION
PE	PAD ELEVATION
PI	POINT OF INTERSECTION
PL	PROPERTY LINE
PP	POWER POLE
R	RADIUS
R/C	RED CURB
SCE	SOUTHERN CALIFORNIA EDISON
SHT	SHEET
SMH	SEWER MANHOLE
SS	SANITARY SEWER
STA	STATION
STD.	STANDARD
SPPWC	STANDARD PLANS FOR PUBLIC WORKS CONSTRUCTION
T	THICKNESS
TC	TOP OF CURB
TYP.	TYPICAL
UTIL.	UTILITY
VAR	VARIES
W	WIDTH
WM	WATER METER
WV	WATER VALVE
XXX.XX	NEW ELEVATION
(XXX.XX)	EXISTING ELEVATION

ENGINEERS NOTES

1. ALL PAVEMENT MARKERS, STRIPING, AND PAVEMENT MARKINGS SHALL CONFORM TO THE LATEST VERSION OF THE CALIFORNIA MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD), AND CALTRANS STANDARD PLANS: A20A THROUGH A24E.

2. ALL PAVEMENT STRIPING AND MARKINGS SHALL BE INSTALLED PER SECTION 84.2 OF THE CALTRANS STANDARD SPECIFICATIONS.

3. ALL CONFLICTING PAVEMENT MARKINGS, STRIPING, AND PAVEMENT MARKINGS SHALL BE REMOVED BY GRINDING.

4. ALL PAINTED STRIPING SHALL BE DOUBLE COATED IN NOT LESS THAN 7 DAYS, BUT NO MORE THAN 14 DAYS FROM DATE OF INITIAL INSTALLATION.

5. THE POST MATERIAL SHALL BE "TELESPAR QWIK-PUNCH" OR APPROVED EQUAL WITH RECEPTIVE 30-INCH OR 36-INCH ANCHOR ASSEMBLY.

6. STREET REHABILITATION AND PRESERVATION MEASURES LISTED IN THE CITY OF NORWALK'S "UPDATE OF PAVEMENT MANAGEMENT PROGRAM" DATED SEPTEMBER 24, 2020 CERTIFIED BY METRO DATED JUNE 18, 2021, AND THE CITY'S AR CAPE SEAL PILOT PROGRAM WERE USED TO PREPARE THE PLANS HEREIN.

IMPORTANT NOTICE

SECTION 4216/4217 OF THE GOVERNMENT CODE REQUIRES A DIG ALERT IDENTIFICATION NUMBER BE ISSUED BEFORE A "PERMIT TO EXCAVATE" WILL BE VALID. FOR YOUR DIG ALERT I.D. NUMBER CALL UNDERGROUND SERVICE ALERT TOLL FREE. 1-800-442-4133 THREE WORKING DAYS BEFORE YOU DIG.

IMPORTANT NOTICE

CONTRACTOR SHALL VERIFY LOCATIONS OF ALL UTILITIES WHETHER SHOWN OR NOT SHOWN ON THE PLANS PRIOR TO EXCAVATION. ANY DAMAGES TO EXISTING UTILITIES SHALL BE REPAIRED AT THE CONTRACTOR'S EXPENSE AND NO ADDITIONAL COMPENSATION WILL BE MADE.

811 Know what's below. Call before you dig.

DIAL TOLL FREE 811
AT LEAST THREE DAYS BEFORE YOU DIG

UNDERGROUND SERVICE ALERT OF SOUTHERN CALIFORNIA

REGISTERED PROFESSIONAL ENGINEER SRIKANTH CHAKRAVARTHY No. C73629 CIVIL STATE OF CALIFORNIA

PLANS PREPARED BY:
Kimley»Horn
© 2026 KIMLEY-HORN AND ASSOCIATES, INC.
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Tel (213) 261-4040

Prepared Under the Supervision of:
SRIKANTH CHAKRAVARTHY, P.E. RCE 73629
6/5/2026
DATE

engineering division

REVISIONS

DATE	BY	

FIELD BOOK REF.

PLAN REF.

100% SUBMITTAL

CITY OF NORWALK
A Connected Community

TITLE: NORWALK PAVEMENT REHAB ZONE 5 AND 6 - GENERAL NOTES

Approved
CITY ENGINEER — RCE 90882 — 2026-06-04 DATE

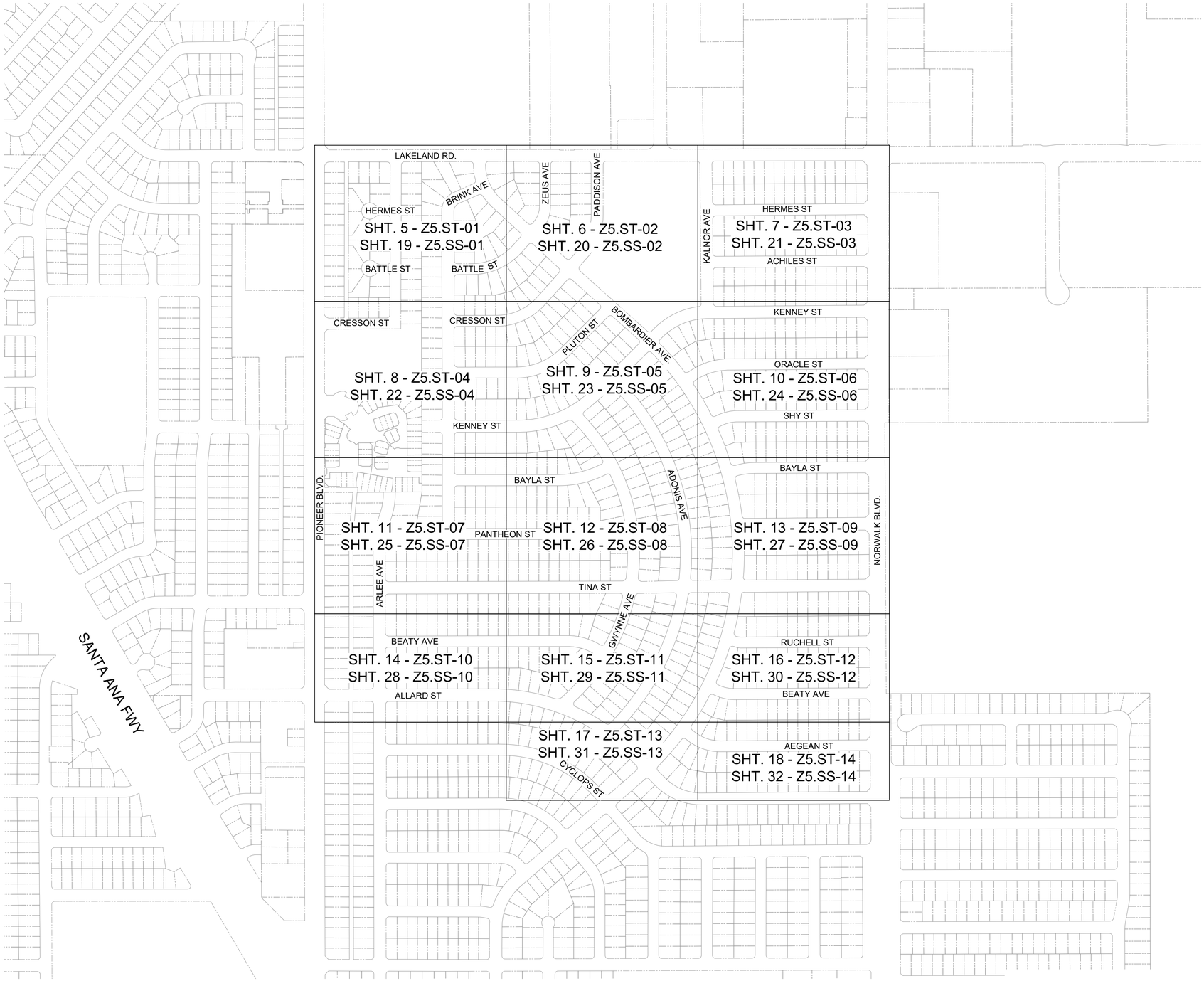
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PRINCIPAL CIVIL ENGINEER — RCE 75709 — 2026-06-04 DATE

PROJECT NO. 7944

DRAWING NO. GN-01

Drawn By CB | Checked By PW

SHEET 2 OF 62



N

GRAPHIC SCALE IN FEET
0 125 250 500

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PLANS PREPARED BY:
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DATE	BY	

FIELD BOOK REF.

PLAN REF.

CITY OF NORWALK
A Connected Community

TITLE:
ZONE 5
KEY MAP

Approved
CITY ENGINEER RCE 90882 2026-06-04 DATE

Recommended
PRINCIPAL CIVIL ENGINEER RCE 75709 2026-06-04 DATE

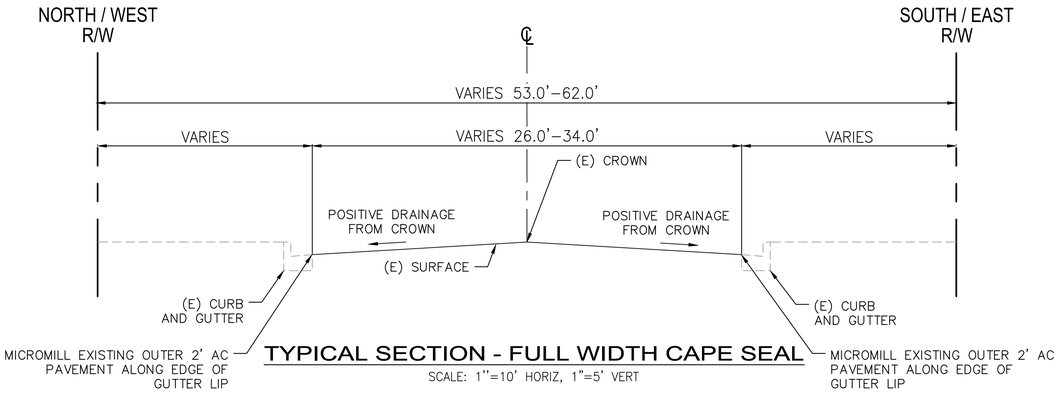
PROJECT NO.
7944

DRAWING NO.
Z5.KM-01

Drawn By BD Checked By PW

SHEET 3 OF 62

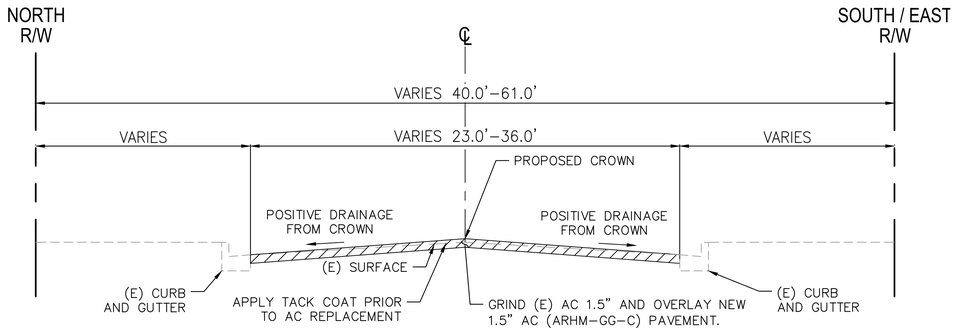
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TYPICAL SECTION - FULL WIDTH CAPE SEAL

SCALE: 1"=10' HORIZ, 1"=5' VERT

BATTLE ST – BRINK AVE TO BOMBARDIER AVE
BAYLA ST – BRINK AVE TO GWYNNE AVE
BAYLA ST – BOMBARDIER AVE TO NORWALK BLVD
HERMES ST – KALNOR AVE TO NORWALK BLVD
KALNOR AVE – LAKELAND RD TO KENNEY ST
KENNEY ST – BRINK AVE TO BOMBARDIER AVE
PANTHEON ST – BOMBARDIER AVE TO NORWALK BLVD
TINA ST – ARLEE AVE TO GWYNNE AVE



TYPICAL SECTION - FULL WIDTH GRIND AND OVERLAY

SCALE: 1"=10' HORIZ, 1"=5' VERT

ACHILLES ST – KALNOR AVE TO NORWALK BLVD
ADONIS AVE – ALLARD TO KENNEY ST
AEGEAN ST – BOMBARDIER AVE TO NORWALK BLVD
ARLEE AVE – LAKELAND RD TO CRESSON ST
ARLEE AVE – PANTHEON ST TO END N
ARLEE AVE – PANTHEON ST ALLARD ST
BATTLE ST – ARLEE AVE TO SOUTH OF END W
BEATY ST – BOMBARDIER AVE TO NORWALK AVE
BEATY ST – ARLEE AVE TO GWYNNE AVE
BOMBARDIER AVE – LAKELAND RD TO ALLARD ST
BRINK AVE – BOMBARDIER AVE TO PANTHEON ST
CRESSON ST – BRINK AVE TO BOMBARDIER AVE
CRESSON ST – PIONEER BLVD TO ARLEE AVE
GWYNNE AVE – ALLARD ST TO KENNEY ST
HERMES ST – END W TO ARLEE AVE
KENNEY ST – BOMBARDIER AVE TO NORWALK BLVD
KENNEY ST – BRINK AVE TO END W
LAKELAND RD – KALNOR AVE TO NORWALK BLVD
ORACLE ST – BOMBARDIER AVE TO NORWALK BLVD
PADDISON AVE – BOMBARDIER AVE TO LAKELAND RD
PANTHEON ST – ARLEE AVE TO GWYNNE AVE
PLUTON ST – BRINK AVE TO BOMBARDIER AVE
RUCHEL ST – BOMBARDIER AVE TO NORWALK BLVD
SHY ST – BOMBARDIER AVE TO NORWALK BLVD
TINA ST – GWYNNE AVE TO ADONIS AVE
TINA ST – ADONIS AVE TO BOMBARDIER AVE
TINA ST – BOMBARDIER AVE TO NORWALK BLVD
ZEUS AVE – BOMBARDIER AVE TO LAKELAND RD

\\LDTFP01\CA_LDT\LDT_TPTO\099701006 – NORWALK PAVEMENT REHAB ZONES 5 6 30\DESIGN\CADD\CURRENTS\4 XS–ZONE05.DWG LAST SAVED BY: ROSSINA.CHICHIRI 2026–04–22

100% SUBMITTAL

PLANS PREPARED BY:
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STATE OF CALIFORNIA

Prepared Under the Supervision of:
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6/5/2026
DATE

engineering
division

REVISIONS

DATE	BY	

FIELD BOOK REF.

PLAN REF.

CITY OF NORWALK
A Connected Community

TITLE:
ZONE 5
TYPICAL SECTIONS

Approved
CITY ENGINEER RCE 90882 2026-06-04 DATE

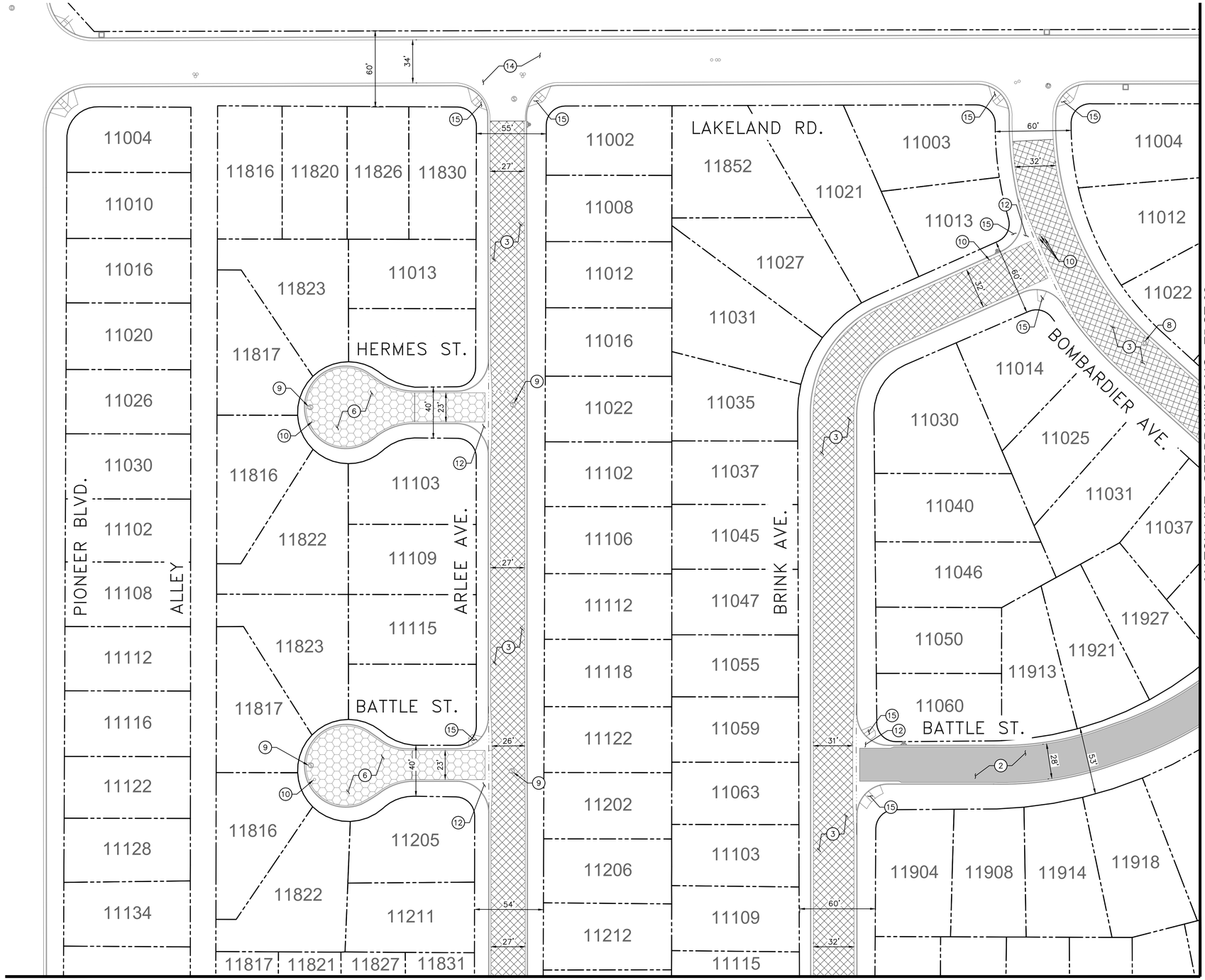
Recommended
PRINCIPAL CIVIL ENGINEER RCE 75709 2026-06-04 DATE

PROJECT NO.
7944

DRAWING NO.
Z5.XS-01

Drawn By JF Checked By PW

SHEET 4 OF 62

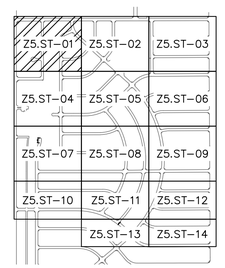


CONSTRUCTION NOTES

1. NOT USED.
2. CAPE SEAL.
3. GRIND AND OVERLAY EXISTING AC 1.5" AND CONSTRUCT NEW 1.5" AC (ARHM-GG-C) PAVEMENT.
4. TYPE II SLURRY SEAL.
5. REMOVE (E) AC PAVEMENT AND CONSTRUCT NEW AC PAVEMENT. PAVEMENT SECTION SHALL MATCH EXISITNG. MINIMUM PAVEMENT SECTION SHALL BE 4" AC (ARHM-GG-C) OVER 7" AB (B-PG64-10) OVER 12" SUBGRADE (95% COMPACTION)
6. GRIND EXISTING AC 1.5" AND OVERLAY NEW 1.5" AC (C2-PG64-10) PAVEMENT. SEE GENERAL NOTE NUMBER 5 AND 6.
7. CONCRETE ALLEYWAY PER SEPARATE PACKAGE.
8. ADJUST STORM DRAIN MANHOLE COVER TO FINISH GRADE.
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12. PROTECT EXISTING CONCRETE GUTTER IN PLACE.
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14. PROTECT EXISTING PAVEMENT.
15. PROTECT EXISTING CURB RAMP.

GENERAL NOTES

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2. CONTRACTOR SHALL MICROMILL EXISTING OUTER 2' OF AC PAVEMENT ALONG THE EDGE OF GUTTER LIP PRIOR TO INSTALLATION OF NEW PAVEMENT SEALS. SKIN PATCH AS NEEDED.
3. CONTRACTOR SHALL COORDINATE WITH THE CITY OF NORWALK FOR FINAL LIMITS OF ALL FULL DEPTH ASPHALT REPLACEMENT PRIOR TO CONSTRUCTION.
4. CONTRACTOR SHALL PROTECT IN PLACE ALL CURB AND GUTTERS ADJACENT TO PROPOSED ROAD WORK UNLESS OTHERWISE NOTED.
5. CONTRACTOR SHALL USE HOT MIX ASPHALT C2-PG64-10 FOR ASPHALT PAVEMENT IN CUL-DE-SAC AREAS.
6. GRIND AND OVERLAY FOR BOMBARDIER AVE SHALL BE 3".
7. CONTRACTOR SHALL COORDINATE WITH THE CITY'S ARBORIST AND CONFIRM LOCATIONS PRIOR TO ROOT REMOVAL AND/OR TREE TRIMMING.



KEY MAP
SCALE: NTS

N

SCALE: 1" = 40 FEET
0 20 40 80

100% SUBMITTAL

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STATE OF CALIFORNIA

Prepared Under the Supervision of:
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6/5/2026
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engineering division
REVISIONS

DATE	BY	

FIELD BOOK REF.
PLAN REF.

CITY OF NORWALK
A Connected Community

TITLE:
ZONE 5
STREET IMPROVEMENT PLAN

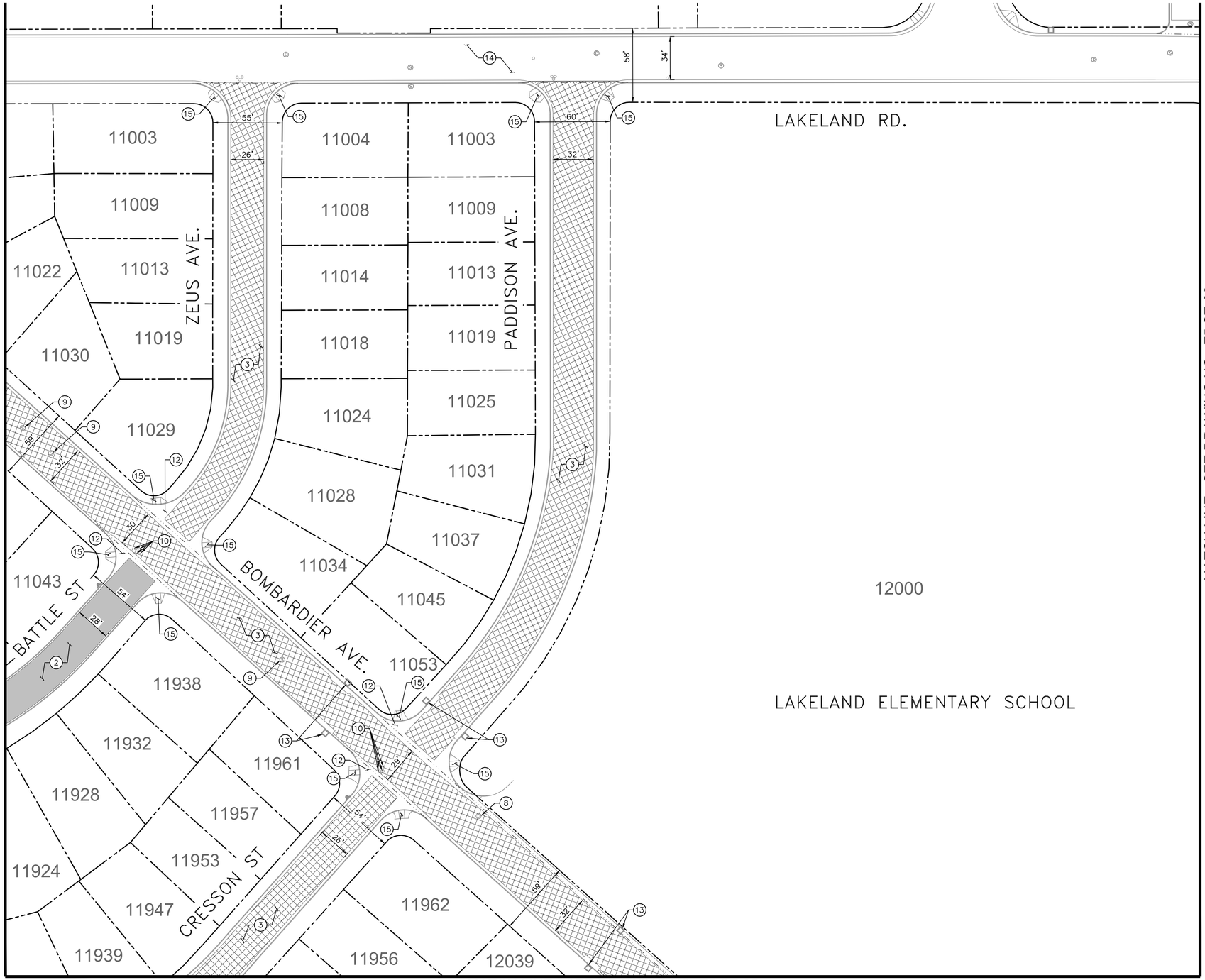
Approved
CITY ENGINEER RCE 90882 2026-06-04 DATE

Recommended
PRINCIPAL CIVIL ENGINEER RCE 75709 2026-06-04 DATE

PROJECT NO. 7944
DRAWING NO. Z5.ST-01

Drawn By RC Checked By PW
SHEET 5 OF 62

\\LDTFP01\CA_LDT\LDT_TPTO\099701006 - NORWALK PAVEMENT REHAB ZONES 5 6 30\DESIGN\CADD\CURRENTS\6 ST-ZONE05.DWG LAST SAVED BY: EDUARDO.ARGUELLES 2026-06-01

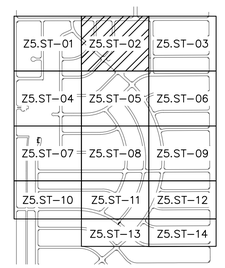


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SRIKANTH CHAKRAVARTHY, P.E. RCE 73629
6/5/2026
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engineering division
REVISIONS

DATE	BY	

FIELD BOOK REF.
PLAN REF.

CITY OF NORWALK
A Connected Community

TITLE:
ZONE 5
STREET IMPROVEMENT PLAN

Approved
CITY ENGINEER RCE 90882 2026-06-04 DATE

Recommended
PRINCIPAL CIVIL ENGINEER RCE 75709 2026-06-04 DATE

PROJECT NO. 7944
DRAWING NO. Z5.ST-02

Drawn By RC Checked By PW
SHEET 6 OF 62

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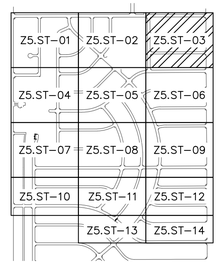


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Prepared Under the Supervision of:
SRIKANTH CHAKRAVARTHY, P.E. RCE 73629 — 6/5/2026 DATE

engineering division
REVISIONS

DATE	BY	

FIELD BOOK REF.
PLAN REF.

CITY OF NORWALK
A Connected Community

TITLE:
ZONE 5
STREET IMPROVEMENT PLAN

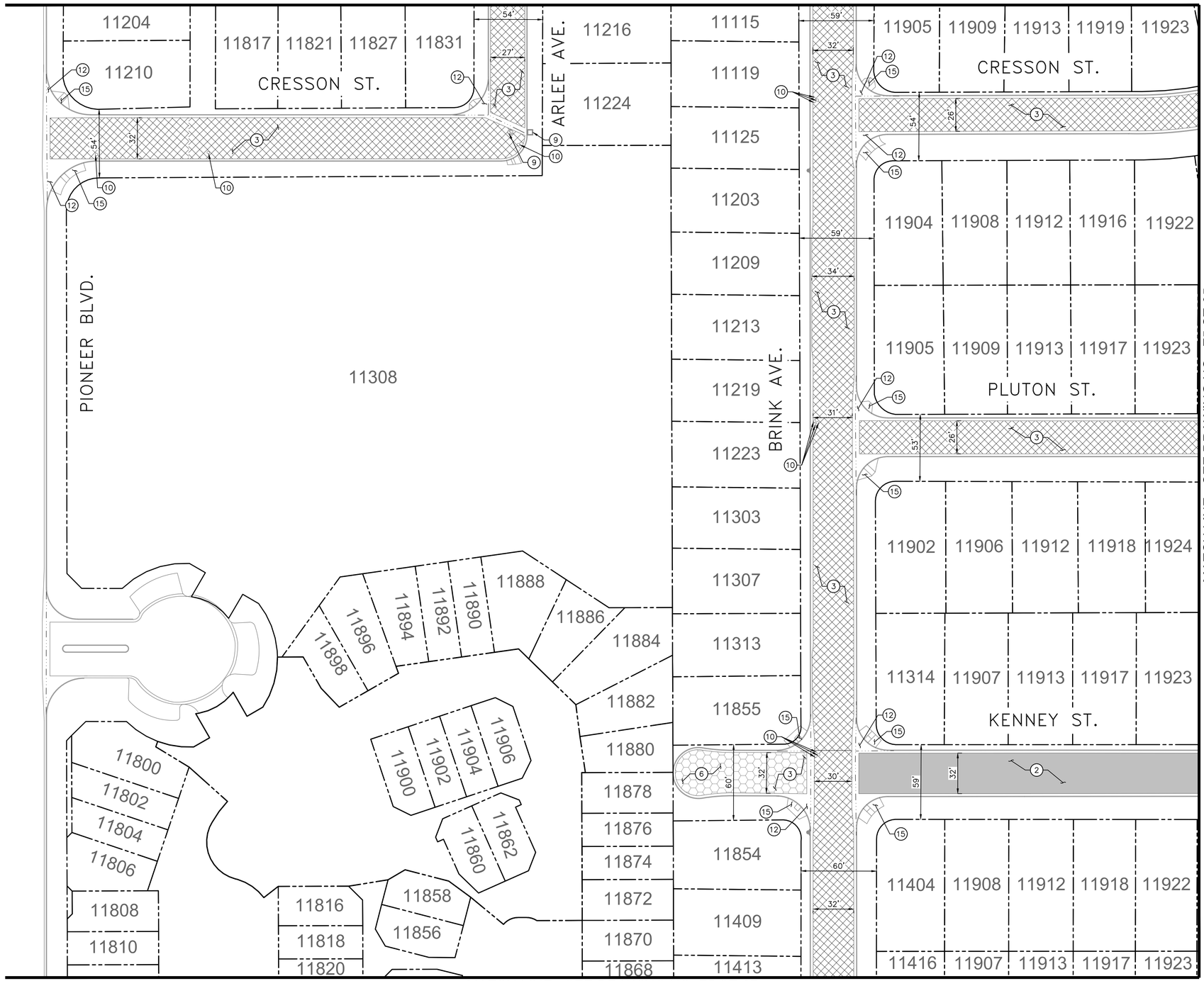
Approved
CITY ENGINEER — RCE 90882 — 2026-06-04 DATE

Recommended
PRINCIPAL CIVIL ENGINEER — RCE 75709 — 2026-06-04 DATE

PROJECT NO. 7944
DRAWING NO. Z5.ST-03

Drawn By RC — Checked By PW — SHEET 7 OF 62

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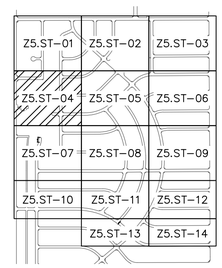


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100% SUBMITTAL

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FIELD BOOK REF.
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CITY OF NORWALK
A Connected Community

TITLE:
ZONE 5
STREET IMPROVEMENT PLAN

Approved
CITY ENGINEER RCE 90882 2026-06-04 DATE

Recommended
PRINCIPAL CIVIL ENGINEER RCE 75709 2026-06-04 DATE

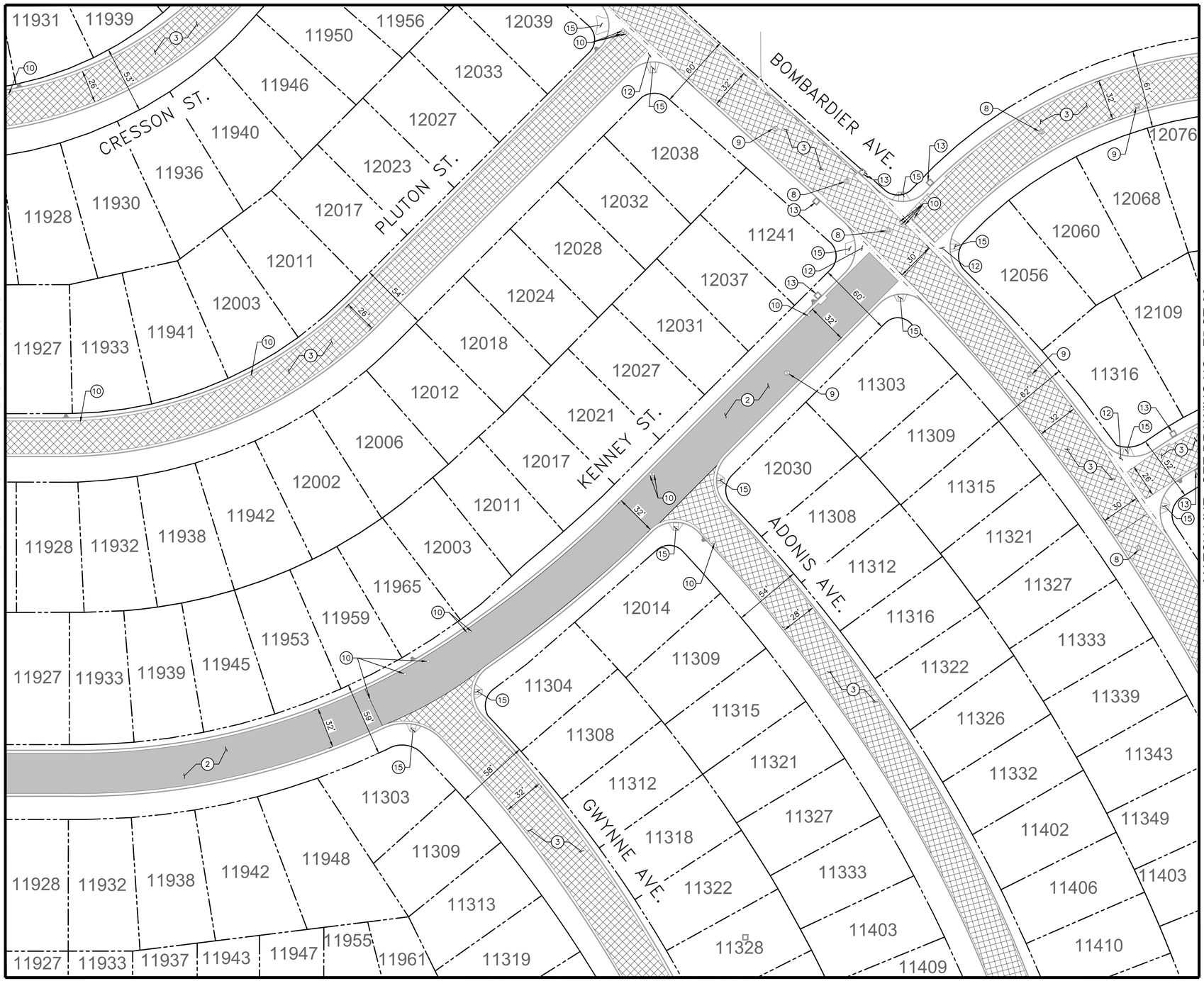
PROJECT NO.
7944

DRAWING NO.
Z5.ST-04

Drawn By RC Checked By PW

SHEET 8 OF 62

\\LDTFP01\CA_LDT\LDT_TPTO\099701006 – NORWALK PAVEMENT REHAB ZONES 5 6 30\DESIGN\CADD\CURRENTS\6 ST–ZONE05.DWG LAST SAVED BY: EDUARDO.ARGUELLES 2026–06–01

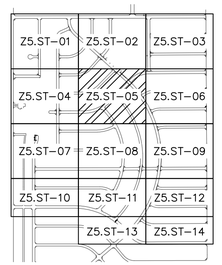


CONSTRUCTION NOTES

1. NOT USED.
2. CAPE SEAL.
3. GRIND AND OVERLAY EXISTING AC 1.5" AND CONSTRUCT NEW 1.5" AC (ARHM-GG-C) PAVEMENT.
4. TYPE II SLURRY SEAL.
5. REMOVE (E) AC PAVEMENT AND CONSTRUCT NEW AC PAVEMENT. PAVEMENT SECTION SHALL MATCH EXISITNG. MINIMUM PAVEMENT SECTION SHALL BE 4" AC (ARHM-GG-C) OVER 7" AB (B-PG64-10) OVER 12" SUBGRADE (95% COMPACTION)
6. GRIND EXISTING AC 1.5" AND OVERLAY NEW 1.5" AC (C2-PG64-10) PAVEMENT. SEE GENERAL NOTE NUMBER 5 AND 6.
7. CONCRETE ALLEYWAY PER SEPARATE PACKAGE.
8. ADJUST STORM DRAIN MANHOLE COVER TO FINISH GRADE.
9. ADJUST SEWER MANHOLE COVER TO FINISH GRADE.
10. ADJUST DOMESTIC WATER VALVE COVER TO FINISH GRADE.
11. ADJUST ELECTRICAL MANHOLE COVER TO FINISH GRADE.
12. PROTECT EXISTING CONCRETE GUTTER IN PLACE.
13. PROTECT EXISTING CATCH BASIN IN PLACE.
14. PROTECT EXISTING PAVEMENT.
15. PROTECT EXISTING CURB RAMP.

GENERAL NOTES

1. RIGHT OF WAY LINES SHOWN ON STREET IMPROVEMENT PLANS ARE TAKEN FROM PUBLICLY AVAILABLE LA COUNTY GEOGRAPHIC INFORMATION SYSTEMS (GIS) RECORDS.
2. CONTRACTOR SHALL MICROMILL EXISTING OUTER 2' OF AC PAVEMENT ALONG THE EDGE OF GUTTER LIP PRIOR TO INSTALLATION OF NEW PAVEMENT SEALS. SKIN PATCH AS NEEDED.
3. CONTRACTOR SHALL COORDINATE WITH THE CITY OF NORWALK FOR FINAL LIMITS OF ALL FULL DEPTH ASPHALT REPLACEMENT PRIOR TO CONSTRUCTION.
4. CONTRACTOR SHALL PROTECT IN PLACE ALL CURB AND GUTTERS ADJACENT TO PROPOSED ROAD WORK UNLESS OTHERWISE NOTED.
5. CONTRACTOR SHALL USE HOT MIX ASPHALT C2-PG64-10 FOR ASPHALT PAVEMENT IN CUL-DE-SAC AREAS.
6. GRIND AND OVERLAY FOR BOMBARDIER AVE SHALL BE 3".
7. CONTRACTOR SHALL COORDINATE WITH THE CITY'S ARBORIST AND CONFIRM LOCATIONS PRIOR TO ROOT REMOVAL AND/OR TREE TRIMMING.



KEY MAP
SCALE: NTS

N

SCALE: 1" = 40 FEET
0 20 40 80

100% SUBMITTAL

PLANS PREPARED BY:
Kimley»Horn
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Tel (213) 261-4040

REGISTERED PROFESSIONAL ENGINEER
SRIKANTH CHAKRAVARTHY
No. C73629
CIVIL
STATE OF CALIFORNIA

Prepared Under the Supervision of:
SRIKANTH CHAKRAVARTHY, P.E. RCE 73629
6/5/2026
DATE

engineering division

REVISIONS

DATE	BY	

FIELD BOOK REF.

PLAN REF.

CITY OF NORWALK
A Connected Community

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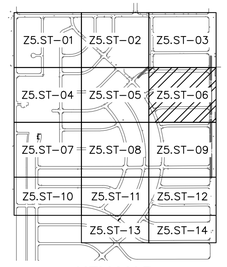


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5. CONTRACTOR SHALL USE HOT MIX ASPHALT C2-PG64-10 FOR ASPHALT PAVEMENT IN CUL-DE-SAC AREAS.
6. GRIND AND OVERLAY FOR BOMBARDIER AVE SHALL BE 3".
7. CONTRACTOR SHALL COORDINATE WITH THE CITY'S ARBORIST AND CONFIRM LOCATIONS PRIOR TO ROOT REMOVAL AND/OR TREE TRIMMING.



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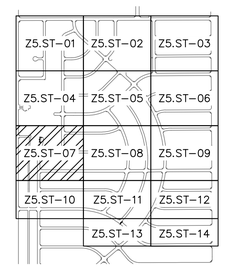


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DRAWING NO.
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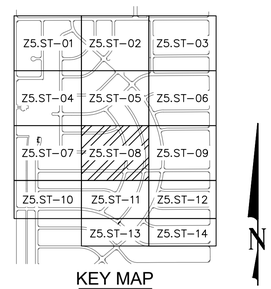


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PROJECT NO. 7944
DRAWING NO. Z5.ST-08

Drawn By RC — Checked By PW
SHEET 12 OF 62

\\LDTFP01\CA_LDT\LDT_TPTO\099701006 - NORWALK PAVEMENT REHAB ZONES 5 6 30\DESIGN\CADD\CURRENTS\6 ST-ZONE05.DWG LAST SAVED BY: EDUARDO.ARGUELLES 2026-06-01

MATCH LINE - SEE DRAWING NO. Z5.ST-06



MATCH LINE - SEE DRAWING NO. Z5.ST-12

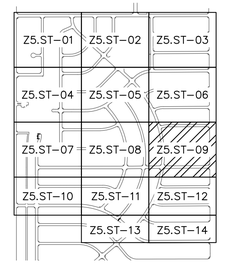
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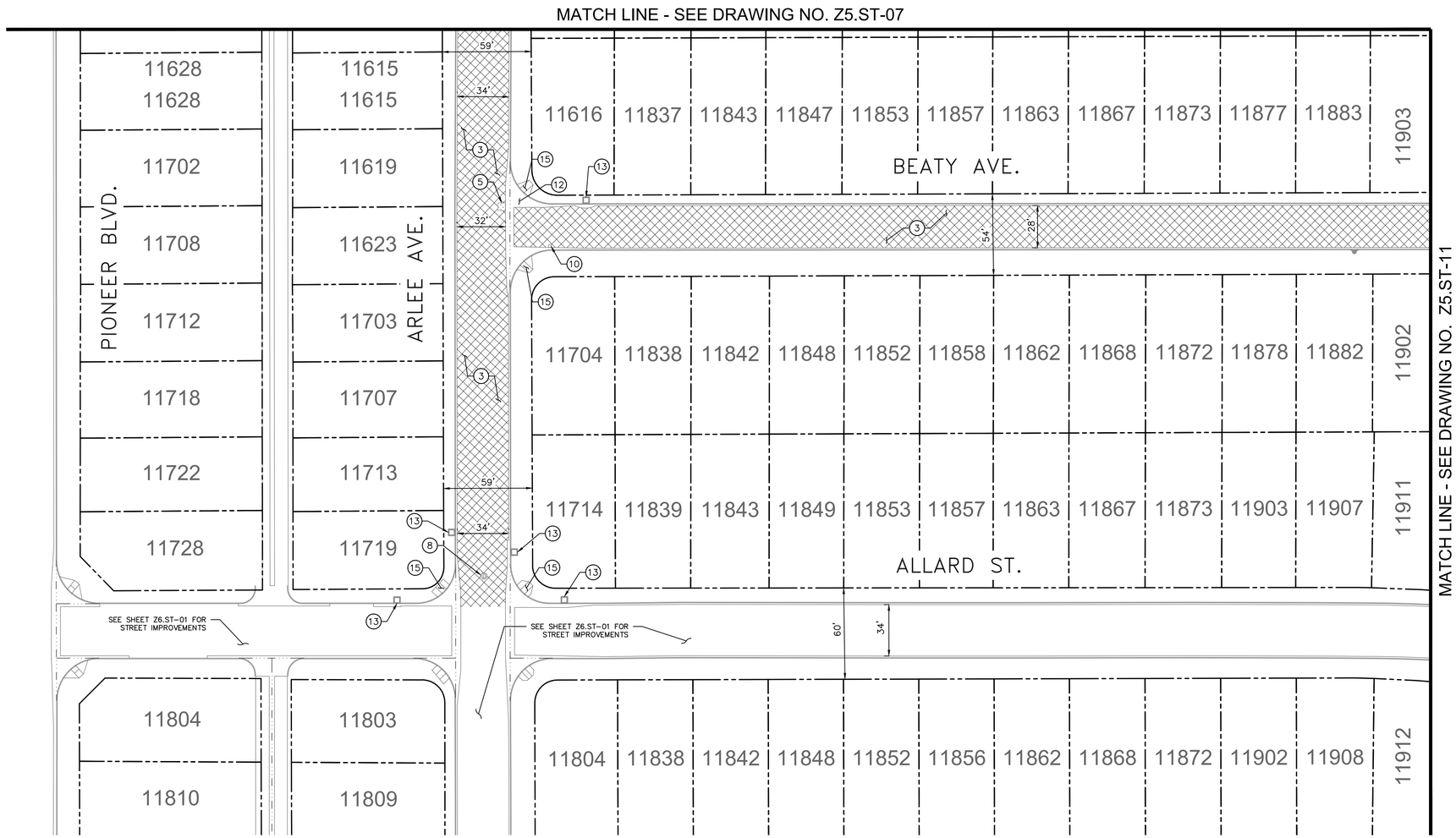
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DRAWING NO. Z5.ST-09

Drawn By RC Checked By PW

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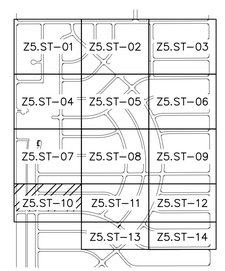


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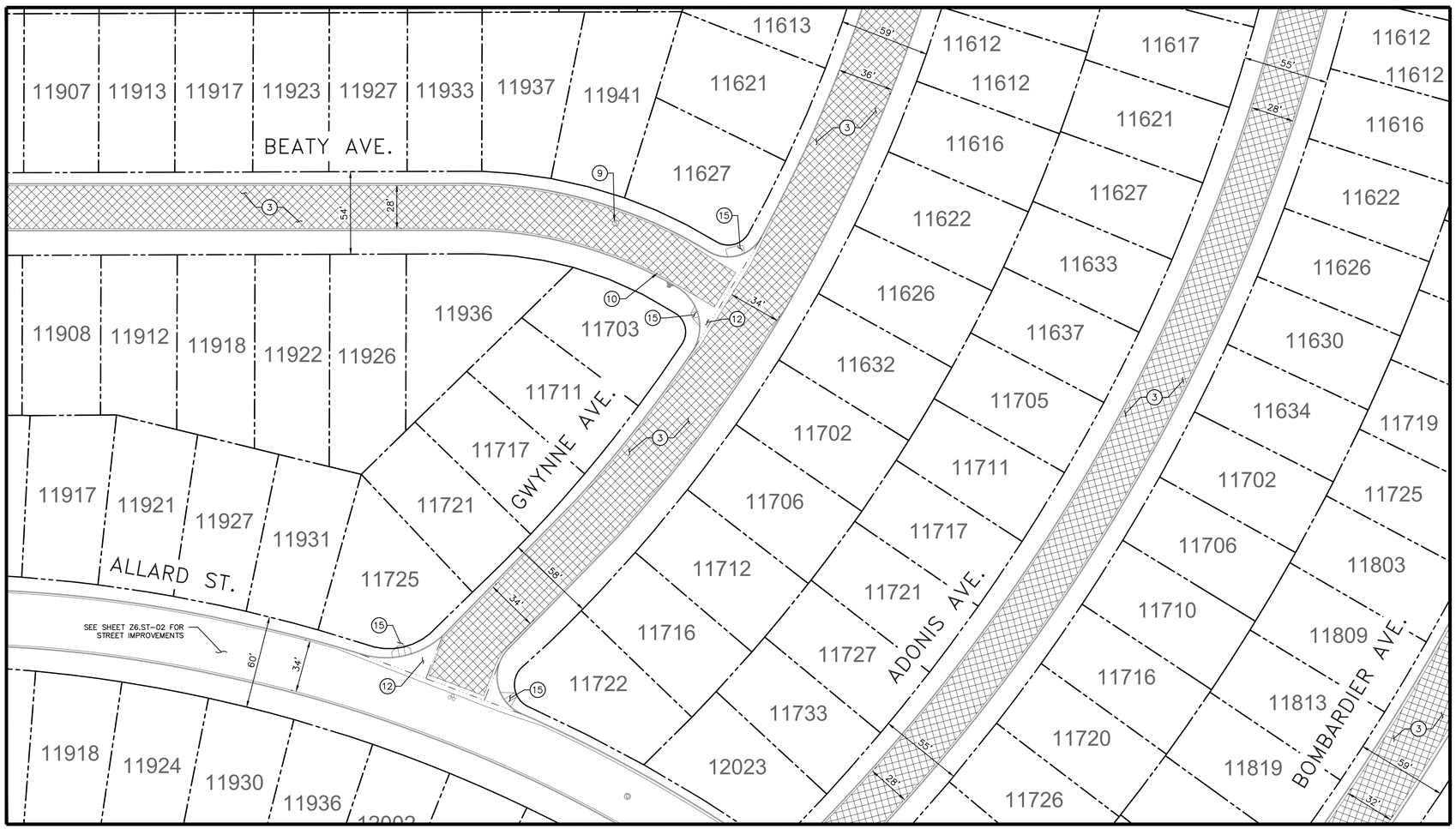
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SHEET 14 OF 62

\\LDTFP01\CA_LDT\LDT_TPTO\099701006 - NORWALK PAVEMENT REHAB ZONES 5 6 30\DESIGN\CADD\CURRENTS\6 ST-ZONE05.DWG LAST SAVED BY: EDUARDO.ARGUELLES 2026-06-01

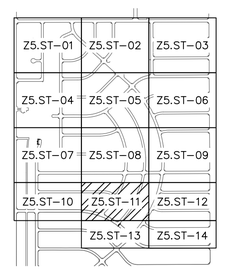


CONSTRUCTION NOTES

1. NOT USED.
2. CAPE SEAL.
3. GRIND AND OVERLAY EXISTING AC 1.5" AND CONSTRUCT NEW 1.5" AC (ARHM-GG-C) PAVEMENT.
4. TYPE II SLURRY SEAL.
5. REMOVE (E) AC PAVEMENT AND CONSTRUCT NEW AC PAVEMENT. PAVEMENT SECTION SHALL MATCH EXISITNG. MINIMUM PAVEMENT SECTION SHALL BE 4" AC (ARHM-GG-C) OVER 7" AB (B-PG64-10) OVER 12" SUBGRADE (95% COMPACTION)
6. GRIND EXISTING AC 1.5" AND OVERLAY NEW 1.5" AC (C2-PG64-10) PAVEMENT. SEE GENERAL NOTE NUMBER 5 AND 6.
7. CONCRETE ALLEYWAY PER SEPARATE PACKAGE.
8. ADJUST STORM DRAIN MANHOLE COVER TO FINISH GRADE.
9. ADJUST SEWER MANHOLE COVER TO FINISH GRADE.
10. ADJUST DOMESTIC WATER VALVE COVER TO FINISH GRADE.
11. ADJUST ELECTRICAL MANHOLE COVER TO FINISH GRADE.
12. PROTECT EXISTING CONCRETE GUTTER IN PLACE.
13. PROTECT EXISTING CATCH BASIN IN PLACE.
14. PROTECT EXISTING PAVEMENT.
15. PROTECT EXISTING CURB RAMP.

GENERAL NOTES

1. RIGHT OF WAY LINES SHOWN ON STREET IMPROVEMENT PLANS ARE TAKEN FROM PUBLICLY AVAILABLE LA COUNTY GEOGRAPHIC INFORMATION SYSTEMS (GIS) RECORDS.
2. CONTRACTOR SHALL MICROMILL EXISTING OUTER 2' OF AC PAVEMENT ALONG THE EDGE OF GUTTER LIP PRIOR TO INSTALLATION OF NEW PAVEMENT SEALS. SKIN PATCH AS NEEDED.
3. CONTRACTOR SHALL COORDINATE WITH THE CITY OF NORWALK FOR FINAL LIMITS OF ALL FULL DEPTH ASPHALT REPLACEMENT PRIOR TO CONSTRUCTION.
4. CONTRACTOR SHALL PROTECT IN PLACE ALL CURB AND GUTTERS ADJACENT TO PROPOSED ROAD WORK UNLESS OTHERWISE NOTED.
5. CONTRACTOR SHALL USE HOT MIX ASPHALT C2-PG64-10 FOR ASPHALT PAVEMENT IN CUL-DE-SAC AREAS.
6. GRIND AND OVERLAY FOR BOMBARDIER AVE SHALL BE 3".
7. CONTRACTOR SHALL COORDINATE WITH THE CITY'S ARBORIST AND CONFIRM LOCATIONS PRIOR TO ROOT REMOVAL AND/OR TREE TRIMMING.



KEY MAP
SCALE: NTS

N

SCALE: 1" = 40 FEET
0 20 40 80

100% SUBMITTAL

REGISTERED PROFESSIONAL ENGINEER
SRIKANTH CHAKRAVARTHY
No. 073629
CIVIL
STATE OF CALIFORNIA

PLANS PREPARED BY:
Kimley»Horn
© 2026 KIMLEY-HORN AND ASSOCIATES, INC.
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Los Angeles, California 90017
Tel (213) 261-4040

Prepared Under the Supervision of:
SRIKANTH CHAKRAVARTHY, P.E. RCE 73629
6/5/2026
DATE

engineering division

REVISIONS

DATE	BY	

FIELD BOOK REF.
PLAN REF.

CITY OF NORWALK
A Connected Community

TITLE:
ZONE 5
STREET IMPROVEMENT PLAN

Approved
CITY ENGINEER RCE 90882 2026-06-04 DATE

Recommended
PRINCIPAL CIVIL ENGINEER RCE 75709 2026-06-04 DATE

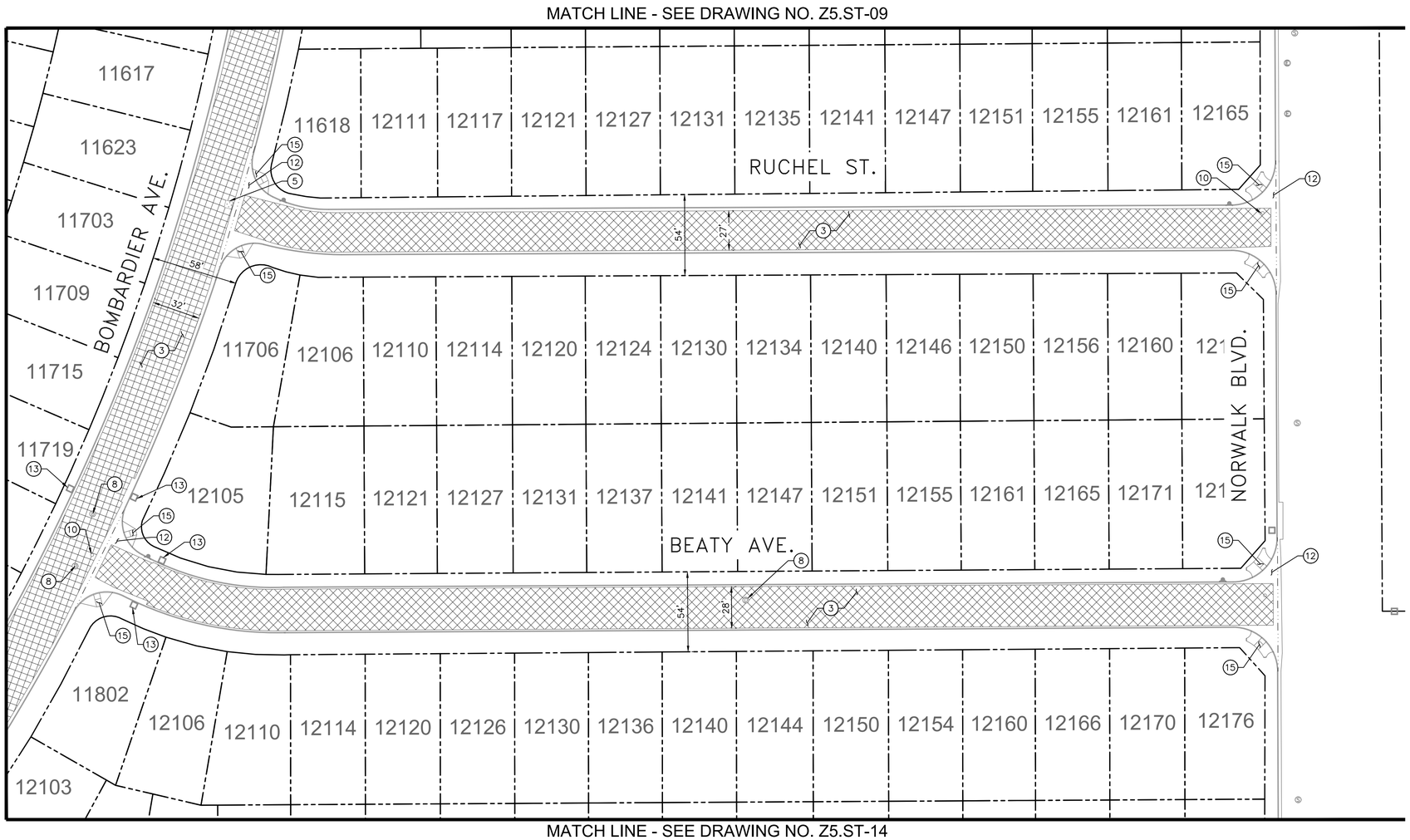
PROJECT NO.
7944

DRAWING NO.
Z5.ST-11

Drawn By RC Checked By PW

SHEET 15 OF 62

\\LDTFP01\CA_LDT\LDT_TPTO\099701006 - NORWALK PAVEMENT REHAB ZONES 5 6 30\DESIGN\CADD\CURRENTS\6 ST-ZONE05.DWG LAST SAVED BY: EDUARDO.ARGUELLES 2026-06-01

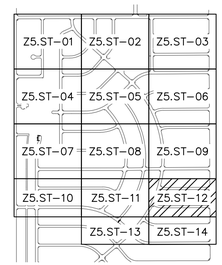


CONSTRUCTION NOTES

1. NOT USED.
2. CAPE SEAL.
3. GRIND AND OVERLAY EXISTING AC 1.5" AND CONSTRUCT NEW 1.5" AC (ARHM-GG-C) PAVEMENT.
4. TYPE II SLURRY SEAL.
5. REMOVE (E) AC PAVEMENT AND CONSTRUCT NEW AC PAVEMENT. PAVEMENT SECTION SHALL MATCH EXISITNG. MINIMUM PAVEMENT SECTION SHALL BE 4" AC (ARHM-GG-C) OVER 7" AB (B-PG64-10) OVER 12" SUBGRADE (95% COMPACTION)
6. GRIND EXISTING AC 1.5" AND OVERLAY NEW 1.5" AC (C2-PG64-10) PAVEMENT. SEE GENERAL NOTE NUMBER 5 AND 6.
7. CONCRETE ALLEYWAY PER SEPARATE PACKAGE.
8. ADJUST STORM DRAIN MANHOLE COVER TO FINISH GRADE.
9. ADJUST SEWER MANHOLE COVER TO FINISH GRADE.
10. ADJUST DOMESTIC WATER VALVE COVER TO FINISH GRADE.
11. ADJUST ELECTRICAL MANHOLE COVER TO FINISH GRADE.
12. PROTECT EXISTING CONCRETE GUTTER IN PLACE.
13. PROTECT EXISTING CATCH BASIN IN PLACE.
14. PROTECT EXISTING PAVEMENT.
15. PROTECT EXISTING CURB RAMP.

GENERAL NOTES

1. RIGHT OF WAY LINES SHOWN ON STREET IMPROVEMENT PLANS ARE TAKEN FROM PUBLICLY AVAILABLE LA COUNTY GEOGRAPHIC INFORMATION SYSTEMS (GIS) RECORDS.
2. CONTRACTOR SHALL MICROMILL EXISTING OUTER 2' OF AC PAVEMENT ALONG THE EDGE OF GUTTER LIP PRIOR TO INSTALLATION OF NEW PAVEMENT SEALS. SKIN PATCH AS NEEDED.
3. CONTRACTOR SHALL COORDINATE WITH THE CITY OF NORWALK FOR FINAL LIMITS OF ALL FULL DEPTH ASPHALT REPLACEMENT PRIOR TO CONSTRUCTION.
4. CONTRACTOR SHALL PROTECT IN PLACE ALL CURB AND GUTTERS ADJACENT TO PROPOSED ROAD WORK UNLESS OTHERWISE NOTED.
5. CONTRACTOR SHALL USE HOT MIX ASPHALT C2-PG64-10 FOR ASPHALT PAVEMENT IN CUL-DE-SAC AREAS.
6. GRIND AND OVERLAY FOR BOMBARDIER AVE SHALL BE 3".
7. CONTRACTOR SHALL COORDINATE WITH THE CITY'S ARBORIST AND CONFIRM LOCATIONS PRIOR TO ROOT REMOVAL AND/OR TREE TRIMMING.



KEY MAP
SCALE: NTS

100% SUBMITTAL

N

SCALE: 1" = 40 FEET
0 20 40 80

REGISTERED PROFESSIONAL ENGINEER
SRIKANTH CHAKRAVARTHY
No. C73629
CIVIL
STATE OF CALIFORNIA

PLANS PREPARED BY:
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© 2026 KIMLEY-HORN AND ASSOCIATES, INC.
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Prepared Under the Supervision of:
SRIKANTH CHAKRAVARTHY, P.E. RCE 73629
6/5/2026
DATE

engineering division

REVISIONS

DATE	BY	

FIELD BOOK REF.
PLAN REF.

CITY OF NORWALK
A Connected Community

TITLE:
ZONE 5
STREET IMPROVEMENT PLAN

Approved
CITY ENGINEER RCE 90882 2026-06-04 DATE

Recommended
PRINCIPAL CIVIL ENGINEER RCE 75709 2026-06-04 DATE

PROJECT NO.
7944

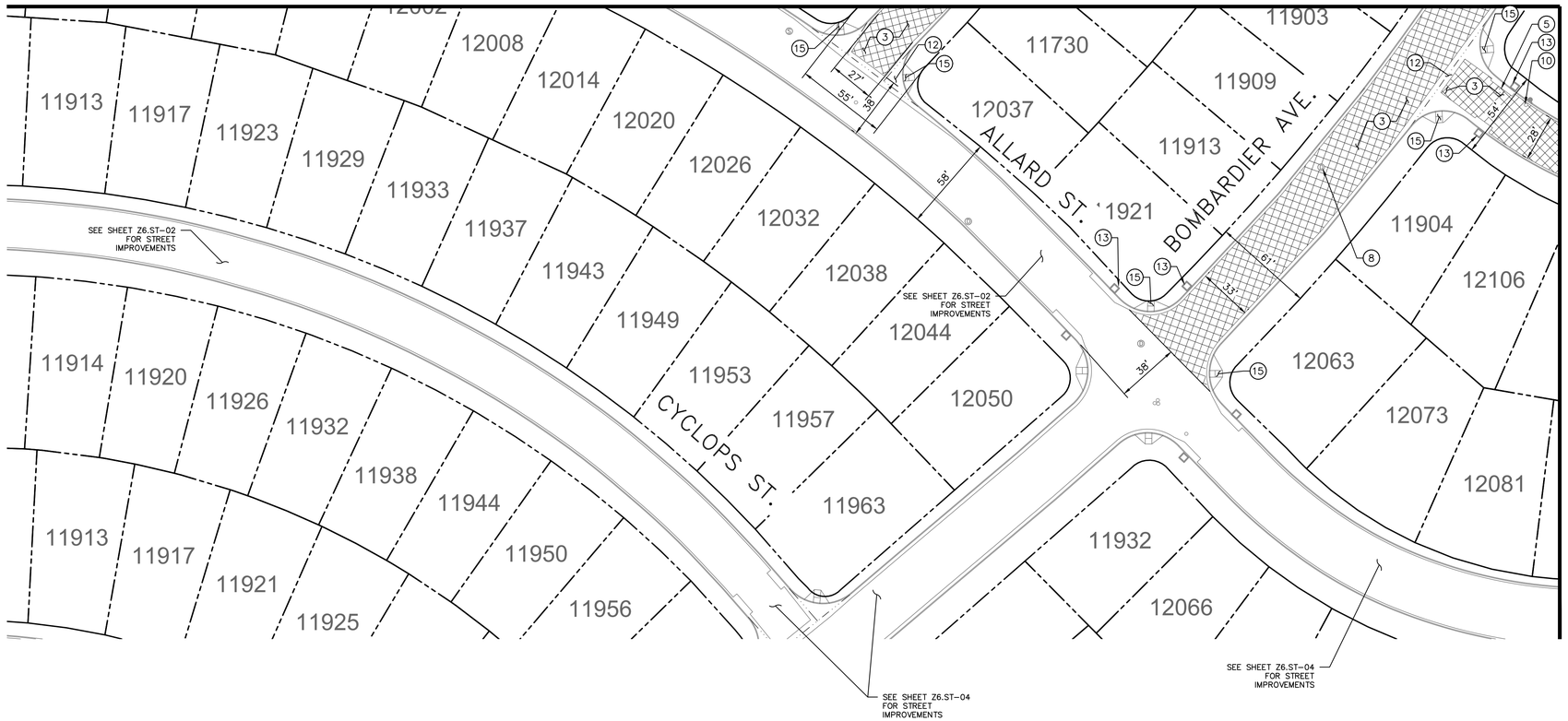
DRAWING NO.
Z5.ST-12

Drawn By RC Checked By PW

SHEET 16 OF 62

\\LDTFP01\CA_LDT\LDT_TPTO\099701006 - NORWALK PAVEMENT REHAB ZONES 5 6 30\DESIGN\CADD\CURRENTS\6 ST-ZONE05.DWG LAST SAVED BY: EDUARDO.ARGUELLES 2026-06-01

MATCH LINE - SEE DRAWING NO. Z5.ST-11



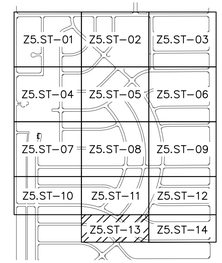
MATCH LINE - SEE DRAWING NO. Z5.ST-14

CONSTRUCTION NOTES

1. NOT USED.
2. CAPE SEAL.
3. GRIND AND OVERLAY EXISTING AC 1.5" AND CONSTRUCT NEW 1.5" AC (ARHM-GG-C) PAVEMENT.
4. TYPE II SLURRY SEAL.
5. REMOVE (E) AC PAVEMENT AND CONSTRUCT NEW AC PAVEMENT. PAVEMENT SECTION SHALL MATCH EXISITNG. MINIMUM PAVEMENT SECTION SHALL BE 4" AC (ARHM-GG-C) OVER 7" AB (B-PG64-10) OVER 12" SUBGRADE (95% COMPACTION)
6. GRIND EXISTING AC 1.5" AND OVERLAY NEW 1.5" AC (C2-PG64-10) PAVEMENT. SEE GENERAL NOTE NUMBER 5 AND 6.
7. CONCRETE ALLEYWAY PER SEPARATE PACKAGE.
8. ADJUST STORM DRAIN MANHOLE COVER TO FINISH GRADE.
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12. PROTECT EXISTING CONCRETE GUTTER IN PLACE.
13. PROTECT EXISTING CATCH BASIN IN PLACE.
14. PROTECT EXISTING PAVEMENT.
15. PROTECT EXISTING CURB RAMP.

GENERAL NOTES

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5. CONTRACTOR SHALL USE HOT MIX ASPHALT C2-PG64-10 FOR ASPHALT PAVEMENT IN CUL-DE-SAC AREAS.
6. GRIND AND OVERLAY FOR BOMBARDIER AVE SHALL BE 3".
7. CONTRACTOR SHALL COORDINATE WITH THE CITY'S ARBORIST AND CONFIRM LOCATIONS PRIOR TO ROOT REMOVAL AND/OR TREE TRIMMING.



KEY MAP
SCALE: NTS

100% SUBMITTAL

N

SCALE: 1" = 40 FEET
0 20 40 80

REGISTERED PROFESSIONAL ENGINEER
SRIKANTH CHAKRAVARTHY
No. C73629
CIVIL
STATE OF CALIFORNIA

PLANS PREPARED BY:
Kimley»Horn

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Prepared Under the Supervision of:
SRIKANTH CHAKRAVARTHY, P.E. RCE 73629
6/5/2026
DATE

engineering division

REVISIONS

DATE	BY	

FIELD BOOK REF.

PLAN REF.

CITY OF NORWALK
A Connected Community

TITLE:
ZONE 5
STREET IMPROVEMENT PLAN

Approved
CITY ENGINEER RCE 90882 2026-06-04 DATE

Recommended
PRINCIPAL CIVIL ENGINEER RCE 75709 2026-06-04 DATE

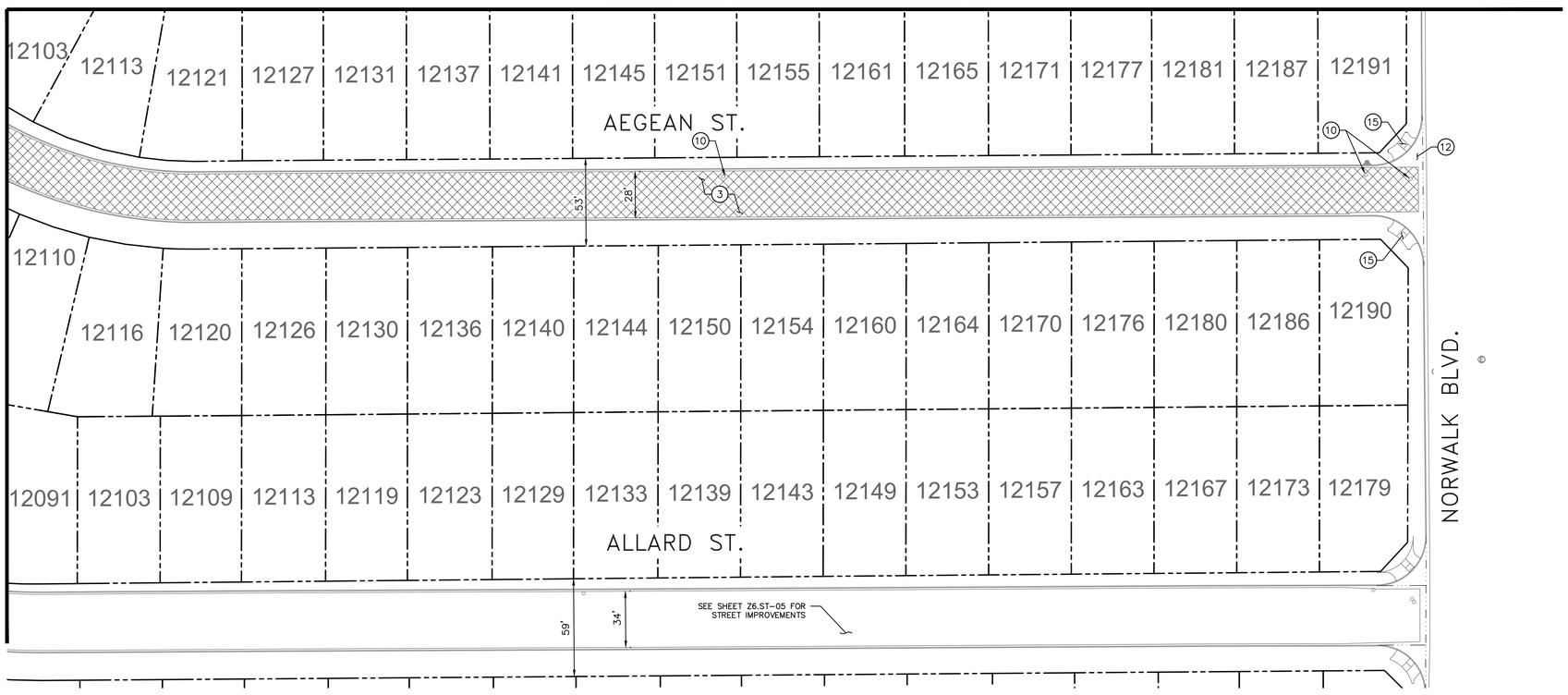
PROJECT NO.
7944

DRAWING NO.
Z5.ST-13

Drawn By RC Checked By PW

SHEET 17 OF 62

\\LDTFP01\CA_LDT\LDT_TPTO\099701006 - NORWALK PAVEMENT REHAB ZONES 5 6 30\DESIGN\CADD\CURRENTS\6 ST-ZONE05.DWG LAST SAVED BY: EDUARDO.ARGUELLES 2026-06-01

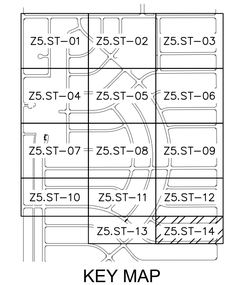


CONSTRUCTION NOTES

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GENERAL NOTES

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5. CONTRACTOR SHALL USE HOT MIX ASPHALT C2-PG64-10 FOR ASPHALT PAVEMENT IN CUL-DE-SAC AREAS.
6. GRIND AND OVERLAY FOR BOMBARDIER AVE SHALL BE 3".
7. CONTRACTOR SHALL COORDINATE WITH THE CITY'S ARBORIST AND CONFIRM LOCATIONS PRIOR TO ROOT REMOVAL AND/OR TREE TRIMMING.



KEY MAP
SCALE: NTS

N

SCALE: 1" = 40 FEET
0 20 40 80

100% SUBMITTAL

\\LDTFP01\CA_LDT\LDT_TPTO\099701006 - NORWALK PAVEMENT REHAB ZONES 5 6 30\DESIGN\CADD\CURRENTS\6 ST-ZONE05.DWG LAST SAVED BY: EDUARDO.ARGUELLES 2026-06-01

REGISTERED PROFESSIONAL ENGINEER
SRIKANTH CHAKRAVARTHY
No. 73629
CIVIL
STATE OF CALIFORNIA

PLANS PREPARED BY:
Kimley»Horn
© 2026 KIMLEY-HORN AND ASSOCIATES, INC.
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Tel (213) 261-4040

Prepared Under the Supervision of:
SRIKANTH CHAKRAVARTHY, P.E. RCE 73629
6/5/2026
DATE

engineering division

REVISIONS

DATE	BY

FIELD BOOK REF.
PLAN REF.

CITY OF NORWALK
A Connected Community

TITLE:
ZONE 5
STREET IMPROVEMENT PLAN

Approved
CITY ENGINEER RCE 90882 2026-06-04 DATE

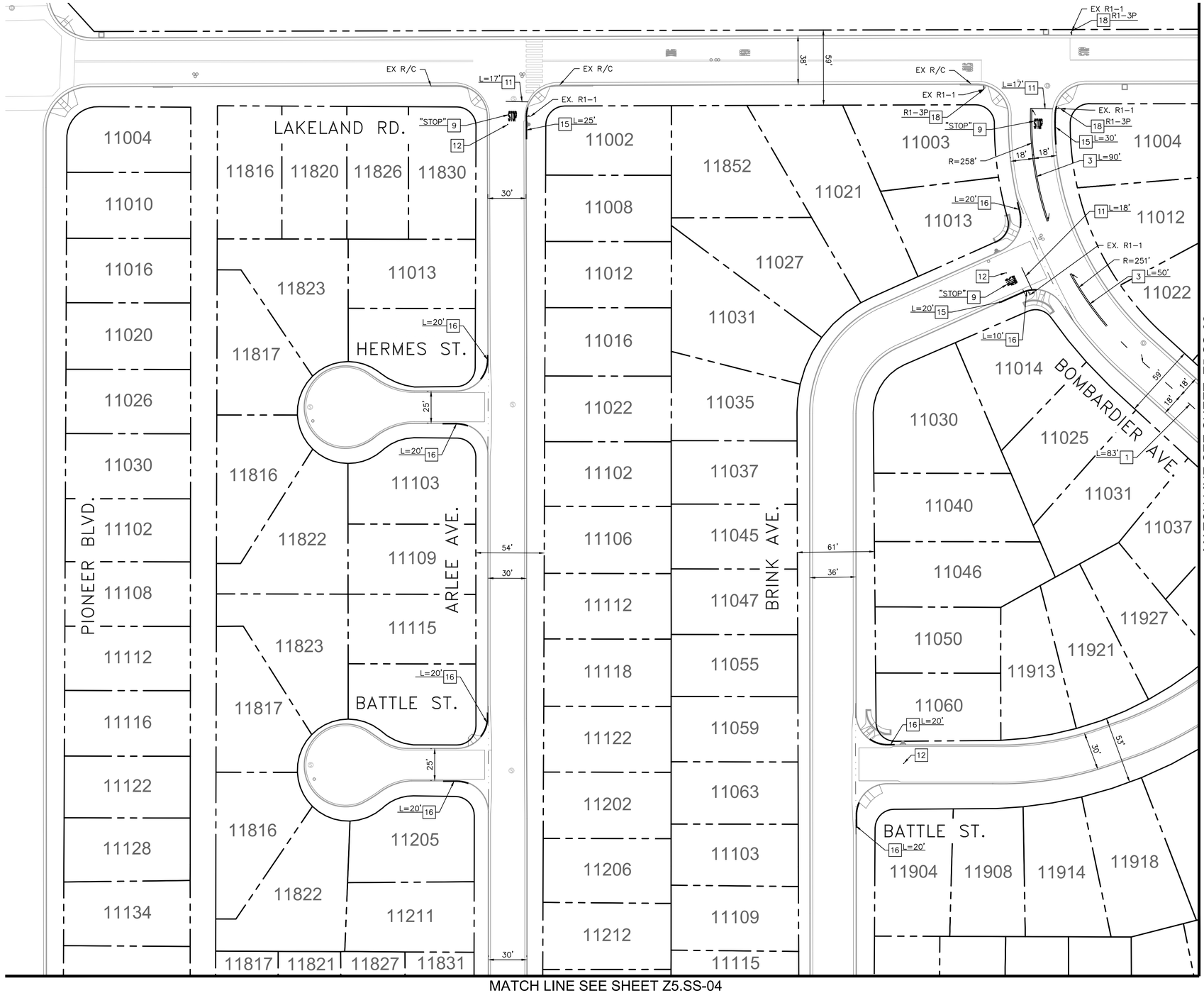
Recommended
PRINCIPAL CIVIL ENGINEER RCE 75709 2026-06-04 DATE

PROJECT NO.
7944

DRAWING NO.
Z5.ST-14

Drawn By RC Checked By PW

SHEET 18 OF 62



MATCH LINE SEE SHEET Z5.SS-02

MATCH LINE SEE SHEET Z5.SS-04

CONSTRUCTION NOTES

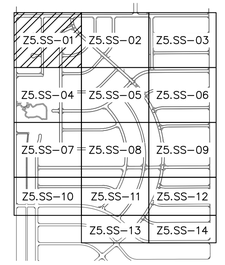
1. PAINT 6" YELLOW CENTERLINE PER CALTRANS STD. PLAN A20A, DETAIL 2.
2. PAINT YELLOW CONTINENTAL CROSSWALK PER CALTRANS STD. PLAN A24F WITH 2' BARS AND 2' GAPS. CROSSWALK WIDTH SHALL BE 10' MIN. UNLESS OTHERWISE NOTED.
3. PAINT DOUBLE YELLOW CENTERLINE PER CALTRANS STD. PLAN A20A, DETAIL 22.
4. PAINT YELLOW PAVEMENT MARKINGS PER CALTRANS STD. PLAN A24D. WORDS AS NOTED PER PLAN.
5. INSTALL REFLECTIVE RED TAPE ON EXISTING/PROPOSED STOP SIGN POST.
6. REPLACE TYPE E TRAFFIC LOOPS PER CALTRANS STD. PLAN ES-5A.
7. PAINT WHITE PAVEMENT MARKINGS PER CALTRANS STD. PLAN A24A AND A24B. SYMBOL AS NOTED PER PLAN.
8. PAINT WHITE 8" CHANNELIZING LINE PER CALTRANS STD. PLAN A20D, DETAIL 38A.
9. PAINT WHITE PAVEMENT MARKINGS PER CALTRANS STD. PLAN A24D. WORDS AS NOTED PER PLAN.
10. PAINT WHITE CONTINENTAL CROSSWALK PER CALTRANS STD. PLAN A24F WITH 2' BARS AND 2' GAPS. CROSSWALK WIDTH SHALL BE 10' MIN. UNLESS OTHERWISE NOTED.
11. PAINT WHITE 12" LIMIT LINE PER CALTRANS STD. PLAN A24G.
12. INSTALL BLUE REFLECTIVE FIRE HYDRANT PAVEMENT MARKER PER 2014 CAMUTCD, FIGURE 3B-102(CA).
13. REPLACE TYPE D TRAFFIC LOOPS PER CALTRANS STD. PLAN ES-5A.
14. RELOCATE EXISTING SIGN(S) TO PROPOSED SIGN POST AS SHOWN PER PLAN.
15. REFRESH EXISTING RED CURB AS SHOWN PER PLAN.
16. PAINT RED CURB AS SHOWN PER PLAN.
17. FURNISH AND INSTALL NEW SIGN(S) AND POST AS SHOWN PER PLAN.
18. FURNISH AND INSTALL NEW SIGN(S) ON EXISTING SIGN POST AS SHOWN PER PLAN.
19. FURNISH AND INSTALL NEW SIGN(S) AND SQUARE POST AS SHOWN PER PLAN.
20. INSTALL YELLOW THERMOPLASTIC LADDER/CONTINENTAL CROSSWALK PER CALTRANS STD. PLAN A24F WITH 2' BARS AND 2' GAPS. CROSSWALK WIDTH SHALL BE 10' MIN. UNLESS OTHERWISE NOTED.

GENERAL NOTES

1. PROPOSED STRIPING AND PAVEMENT MARKINGS ARE INTENDED TO REPLACE EXISTING STRIPING AND PAVEMENT MARKINGS IN LIKE KIND.
2. ALL STRIPING OTHER THAN LADDER/CONTINENTAL CROSSWALKS IN SCHOOL ZONES SHALL BE PAINT. LADDER/CONTINENTAL CROSSWALKS IN SCHOOL ZONES SHALL BE THERMOPLASTIC.
3. CONTRACTOR SHALL REPAINT/RESTORE HOUSE ADDRESS NUMBERS COVERED BY NEW CURB PAINT.
4. THE ENDS OF ALL CURB PAINT SHALL BE BOOKMARKED BY 6 INCHES OF WHITE CURB PAINT (BOW-TIES). THE TOTAL LENGTH OF CURB PAINT EXCLUDES THE 6-INCH BOW-TIES. RED CURB PAINT LIMITS SHALL BE MARKED IN THE FIELD AND APPROVED BY THE ENGINEER PRIOR TO PAINTING.
5. RETROREFLECTIVE SIGN POST TAPE SHALL BE VIS-Z-SHIELD.

SIGN LEGEND

ALL WAY
R1-3P



KEY MAP
SCALE: NTS

N

SCALE: 1" = 40 FEET
0 20 40 80

100% SUBMITTAL

PLANS PREPARED BY:
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REGISTERED PROFESSIONAL ENGINEER
SRIKANTH CHAKRAVARTHY
No. 73629
CIVIL
STATE OF CALIFORNIA

Prepared Under the Supervision of:
SRIKANTH CHAKRAVARTHY, P.E. RCE 73629
6/5/2026
DATE

engineering division
REVISIONS

DATE	BY	

FIELD BOOK REF.
PLAN REF.

CITY OF NORWALK
A Connected Community

TITLE:
ZONE 5
STRIPING PLANS

Approved
CITY ENGINEER RCE 90882 2026-06-04 DATE

Recommended
PRINCIPAL CIVIL ENGINEER RCE 75709 2026-06-04 DATE

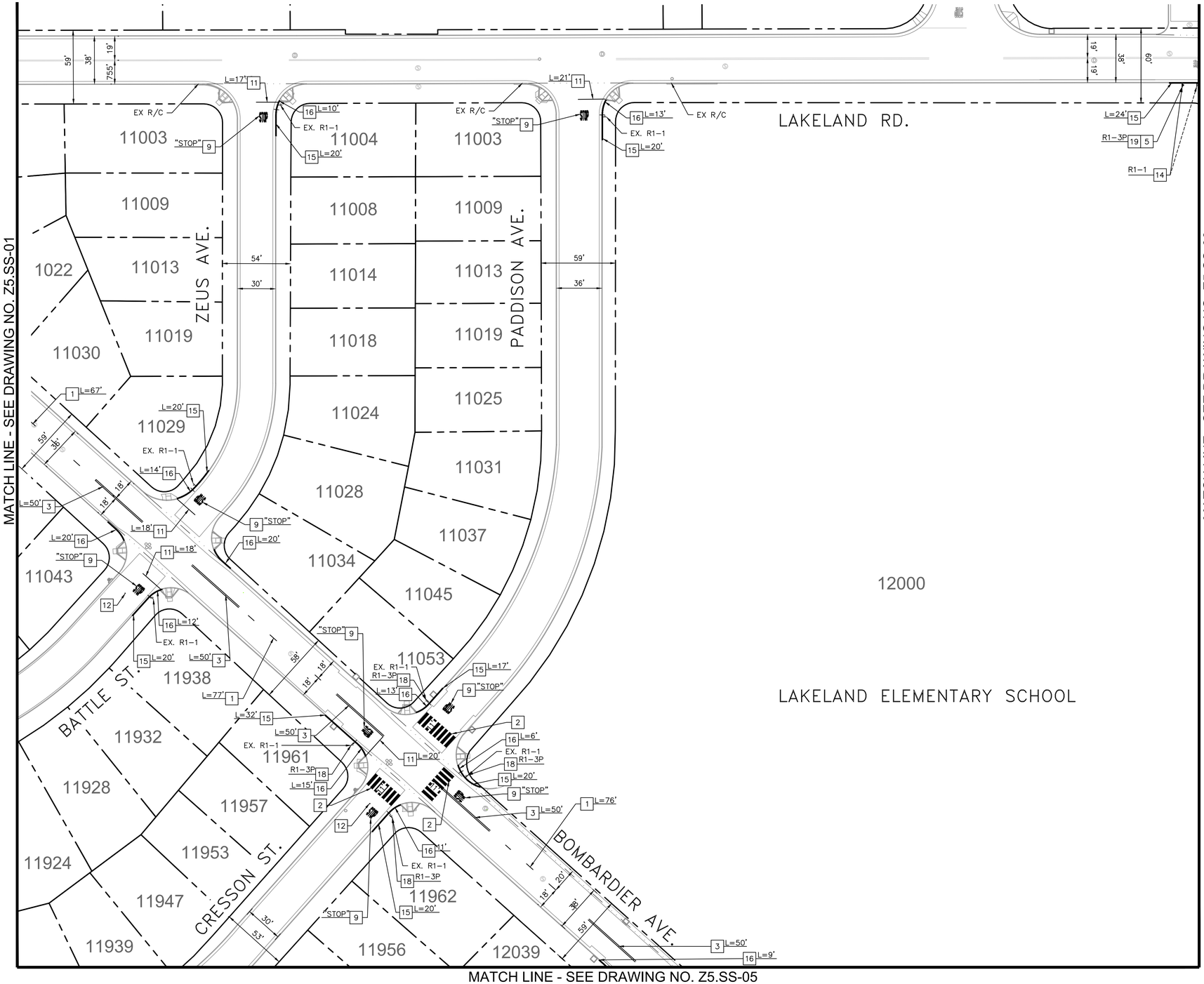
PROJECT NO.
7944

DRAWING NO.
Z5.SS-01

Drawn By RC Checked By PW

SHEET 19 OF 62

\\LDTFP01\CA_LDT\LDT_TPTO\099701006 - NORWALK PAVEMENT REHAB ZONES 5 6 30\DESIGN\CADD\CURRENTS\7 SS-ZONE05.DWG LAST SAVED BY: ROSSINA.CHICHIRI 2026-04-30



CONSTRUCTION NOTES

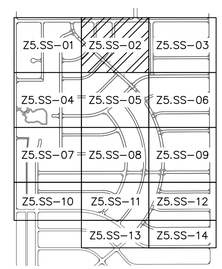
1. PAINT 6" YELLOW CENTERLINE PER CALTRANS STD. PLAN A20A, DETAIL 2.
2. PAINT YELLOW CONTINENTAL CROSSWALK PER CALTRANS STD. PLAN A24F WITH 2' BARS AND 2' GAPS. CROSSWALK WIDTH SHALL BE 10' MIN. UNLESS OTHERWISE NOTED.
3. PAINT DOUBLE YELLOW CENTERLINE PER CALTRANS STD. PLAN A20A, DETAIL 22.
4. PAINT YELLOW PAVEMENT MARKINGS PER CALTRANS STD. PLAN A24D. WORDS AS NOTED PER PLAN.
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6. REPLACE TYPE E TRAFFIC LOOPS PER CALTRANS STD. PLAN ES-5A.
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8. PAINT WHITE 8" CHANNELIZING LINE PER CALTRANS STD. PLAN A20D, DETAIL 38A.
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GENERAL NOTES

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SIGN LEGEND





KEY MAP
SCALE: NTS

N

SCALE: 1" = 40 FEET
0 20 40 80

100% SUBMITTAL

CITY OF NORWALK
A Connected Community

TITLE:
ZONE 5
STRIPING PLANS

Approved
CITY ENGINEER — RCE 90882 — 2026-06-04 DATE

Recommended
PRINCIPAL CIVIL ENGINEER — RCE 75709 — 2026-06-04 DATE

PROJECT NO. 7944

DRAWING NO. Z5.SS-02

Drawn By RC | Checked By PW | SHEET 20 OF 62

engineering division

REVISIONS

DATE	BY	

FIELD BOOK REF.

PLAN REF.

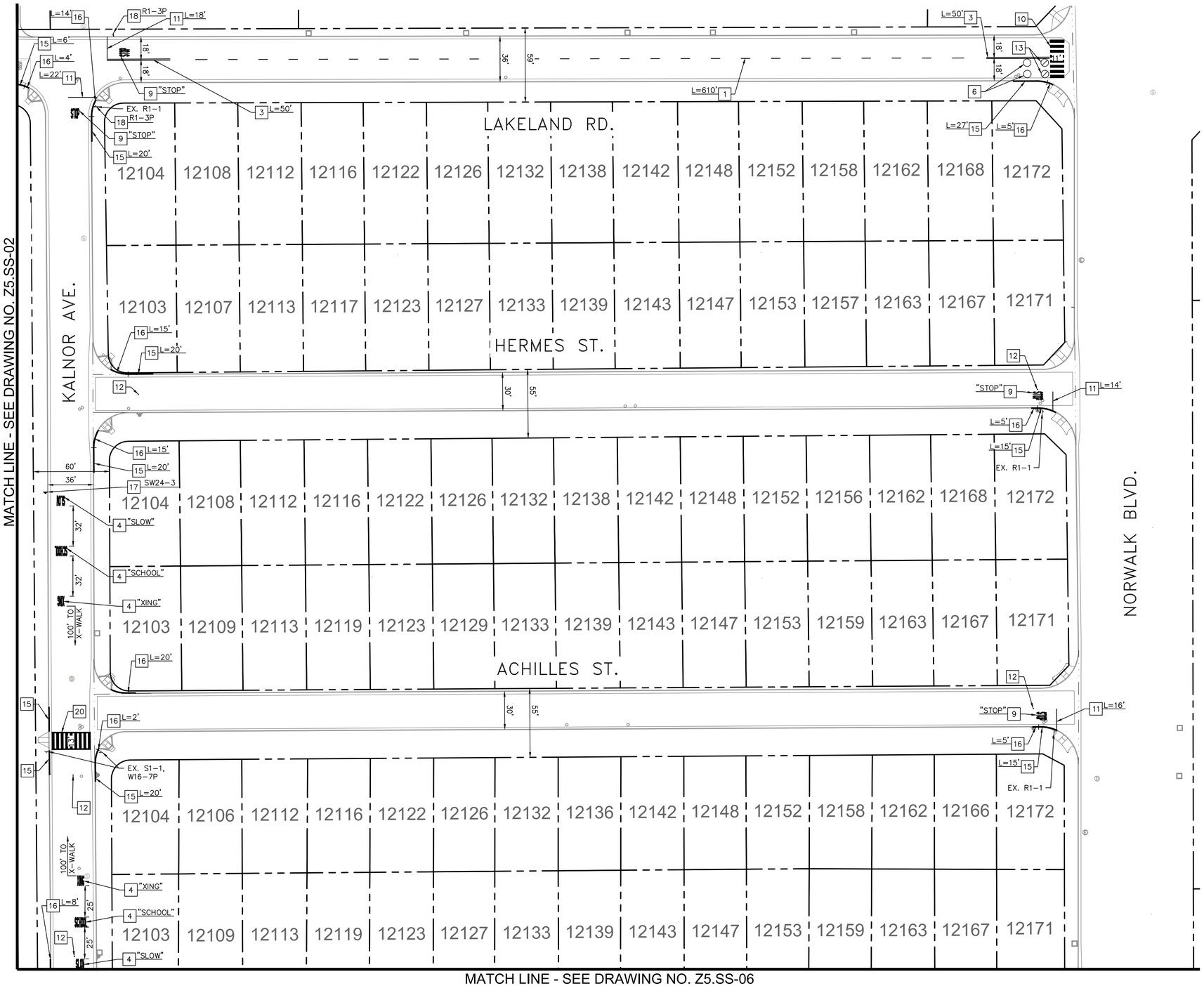
PLANS PREPARED BY:
Kimley»Horn

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660 S. Figueroa Street, Suite 2050
Los Angeles, California 90017
Tel (213) 261-4040

REGISTERED PROFESSIONAL ENGINEER — SRIKANTH CHAKRAVARTHY — No. 73629 — CIVIL — STATE OF CALIFORNIA

Prepared Under the Supervision of:
SRIKANTH CHAKRAVARTHY, P.E. RCE 73629 — 6/5/2026 DATE

\\LDTFP01\CA_LDT\LDT_TPTO\099701006 - NORWALK PAVEMENT REHAB ZONES 5 6 30\DESIGN\CADD\CURRENTS\7 SS-ZONE05.DWG LAST SAVED BY: ROSSINA.CHICHIRI 2026-04-30



CONSTRUCTION NOTES

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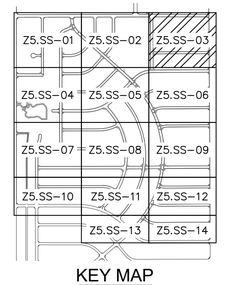
SIGN LEGEND



SW24-3



R1-3P



KEY MAP
SCALE: NTS

N

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0 20 40 80

100% SUBMITTAL

PLANS PREPARED BY:
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REGISTERED PROFESSIONAL ENGINEER
SRIKANTH CHAKRAVARTHY
No. C73629
CIVIL
STATE OF CALIFORNIA

Prepared Under the Supervision of:
SRIKANTH CHAKRAVARTHY, P.E. RCE 73629
6/5/2026
DATE

engineering division
REVISIONS

DATE	BY	

FIELD BOOK REF.
PLAN REF.

CITY OF NORWALK
A Connected Community

TITLE:
ZONE 5
STRIPING PLANS

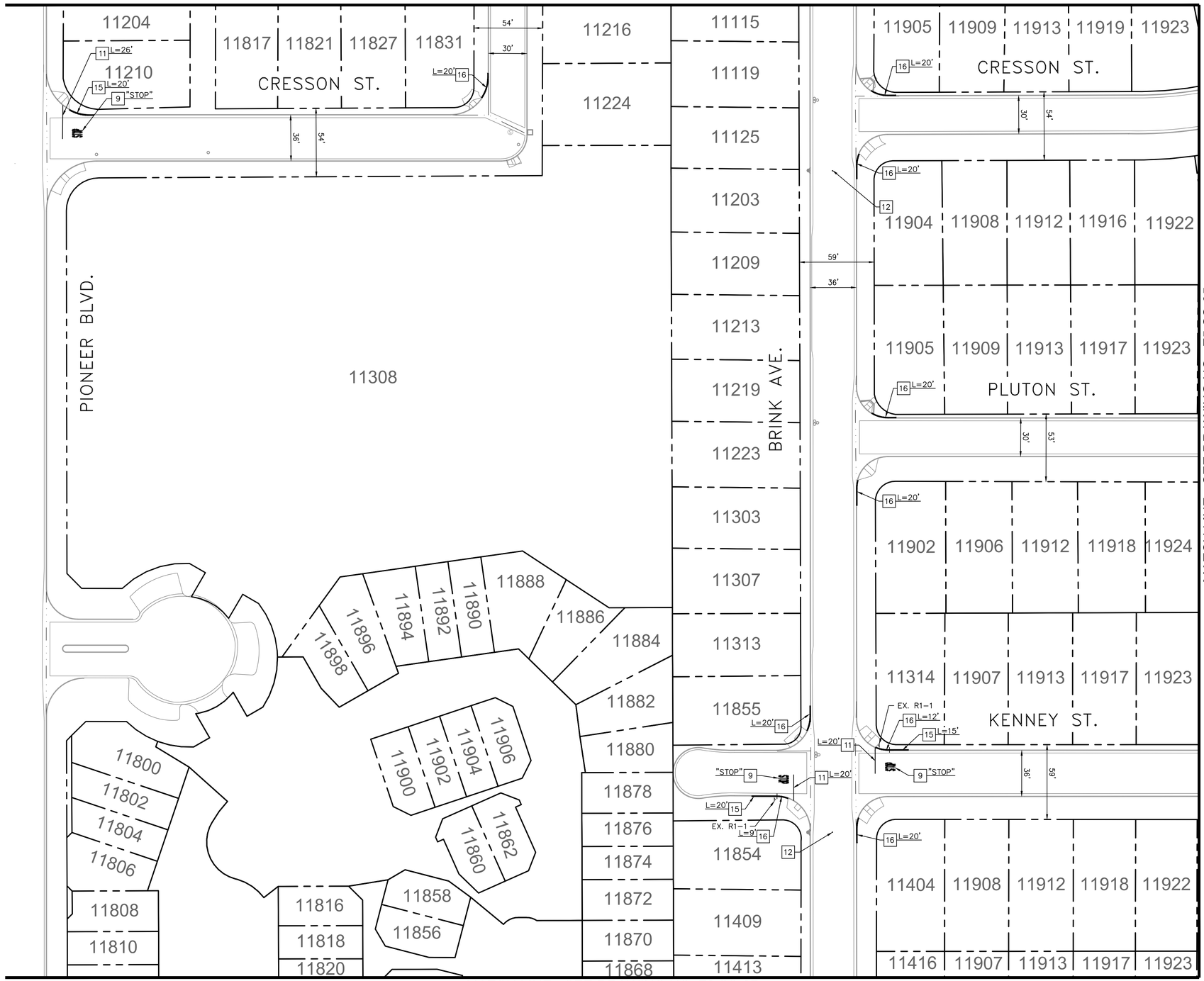
Approved
CITY ENGINEER RCE 90882 2026-06-04 DATE

Recommended
PRINCIPAL CIVIL ENGINEER RCE 75709 2026-06-04 DATE

PROJECT NO. 7944
DRAWING NO. Z5.SS-03

Drawn By RC Checked By PW
SHEET 21 OF 62

\\LDTFP01\CA_LDT\LDT_TPTO\099701006 - NORWALK PAVEMENT REHAB ZONES 5 6 30\DESIGN\CADD\CURRENTS\7 SS-ZONE05.DWG LAST SAVED BY: ROSSINA.CHICHIRI 2026-04-30

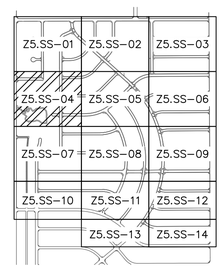


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100% SUBMITTAL

PLANS PREPARED BY:
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REGISTERED PROFESSIONAL ENGINEER — SRIKANTH CHAKRAVARTHY — No. 73629 — CIVIL — STATE OF CALIFORNIA

Prepared Under the Supervision of:
SRIKANTH CHAKRAVARTHY, P.E. RCE 73629 — 6/5/2026 DATE

engineering division
REVISIONS

DATE	BY

FIELD BOOK REF.
PLAN REF.

CITY OF NORWALK
A Connected Community

TITLE:
ZONE 5
STRIPING PLANS

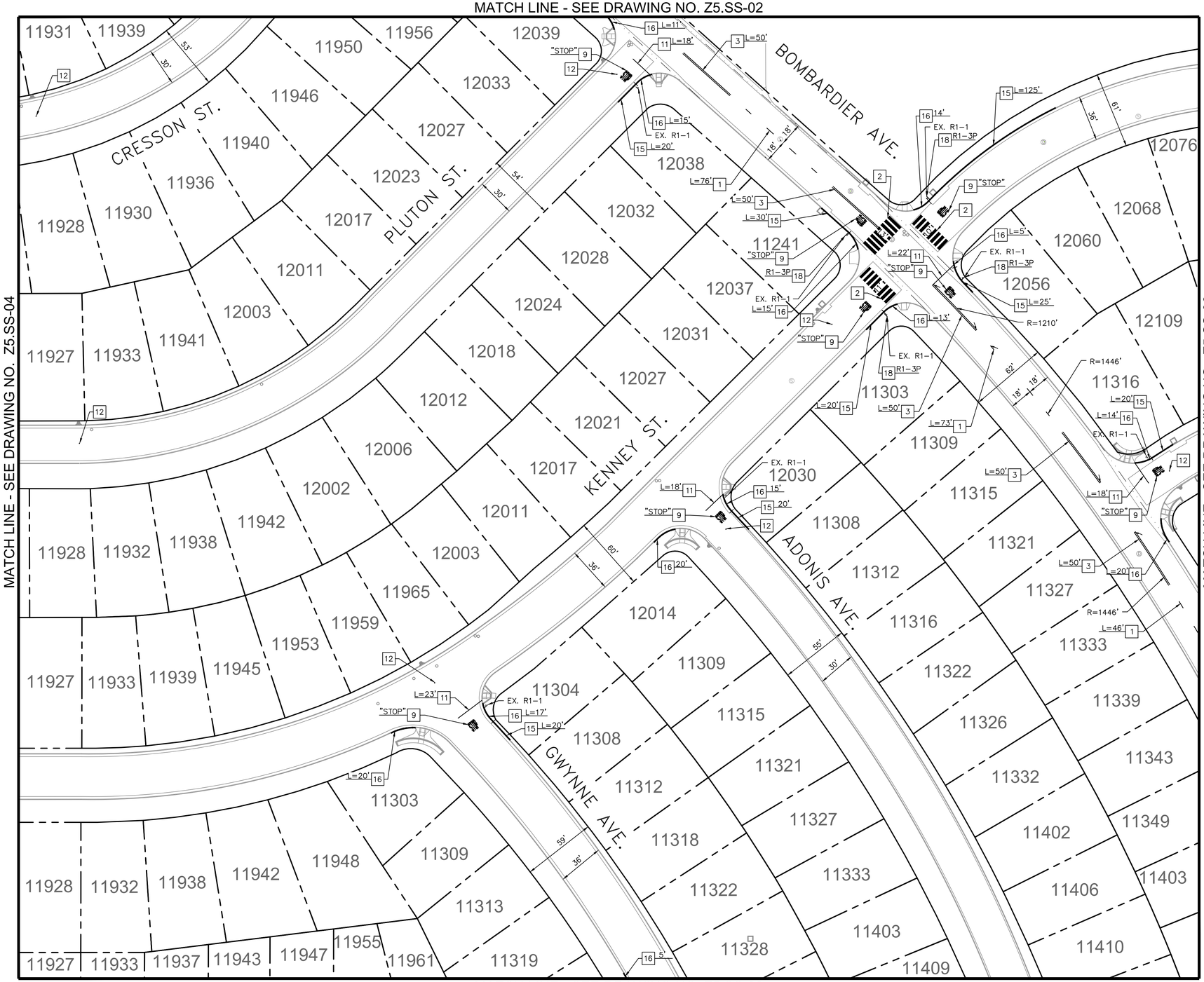
Approved
CITY ENGINEER — RCE 90882 — 2026-06-04 DATE

Recommended
PRINCIPAL CIVIL ENGINEER — RCE 75709 — 2026-06-04 DATE

PROJECT NO. 7944
DRAWING NO. Z5.SS-04

Drawn By RC | Checked By PW | SHEET 22 OF 62

\\LDTFP01\CA_LDT\LDT_TPTO\099701006 - NORWALK PAVEMENT REHAB ZONES 5 6 30\DESIGN\CADD\CURRENTS\7 SS-ZONE05.DWG LAST SAVED BY: ROSSINA.CHICHIRI 2026-04-30



CONSTRUCTION NOTES

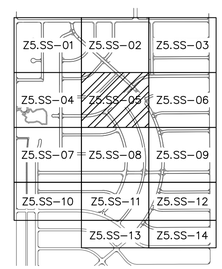
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SIGN LEGEND

ALL WAY
R1-3P



KEY MAP
SCALE: NTS

SCALE: 1" = 40 FEET
0 20 40 80

100% SUBMITTAL

PLANS PREPARED BY:
Kimley»Horn
© 2026 KIMLEY-HORN AND ASSOCIATES, INC.
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REGISTERED PROFESSIONAL ENGINEER
SRIKANTH CHAKRAVARTHY
No. 73629
CIVIL
STATE OF CALIFORNIA

Prepared Under the Supervision of:
SRIKANTH CHAKRAVARTHY, P.E. RCE 73629
6/5/2026
DATE

engineering division
REVISIONS

DATE	BY	

FIELD BOOK REF.
PLAN REF.

CITY OF NORWALK
A Connected Community

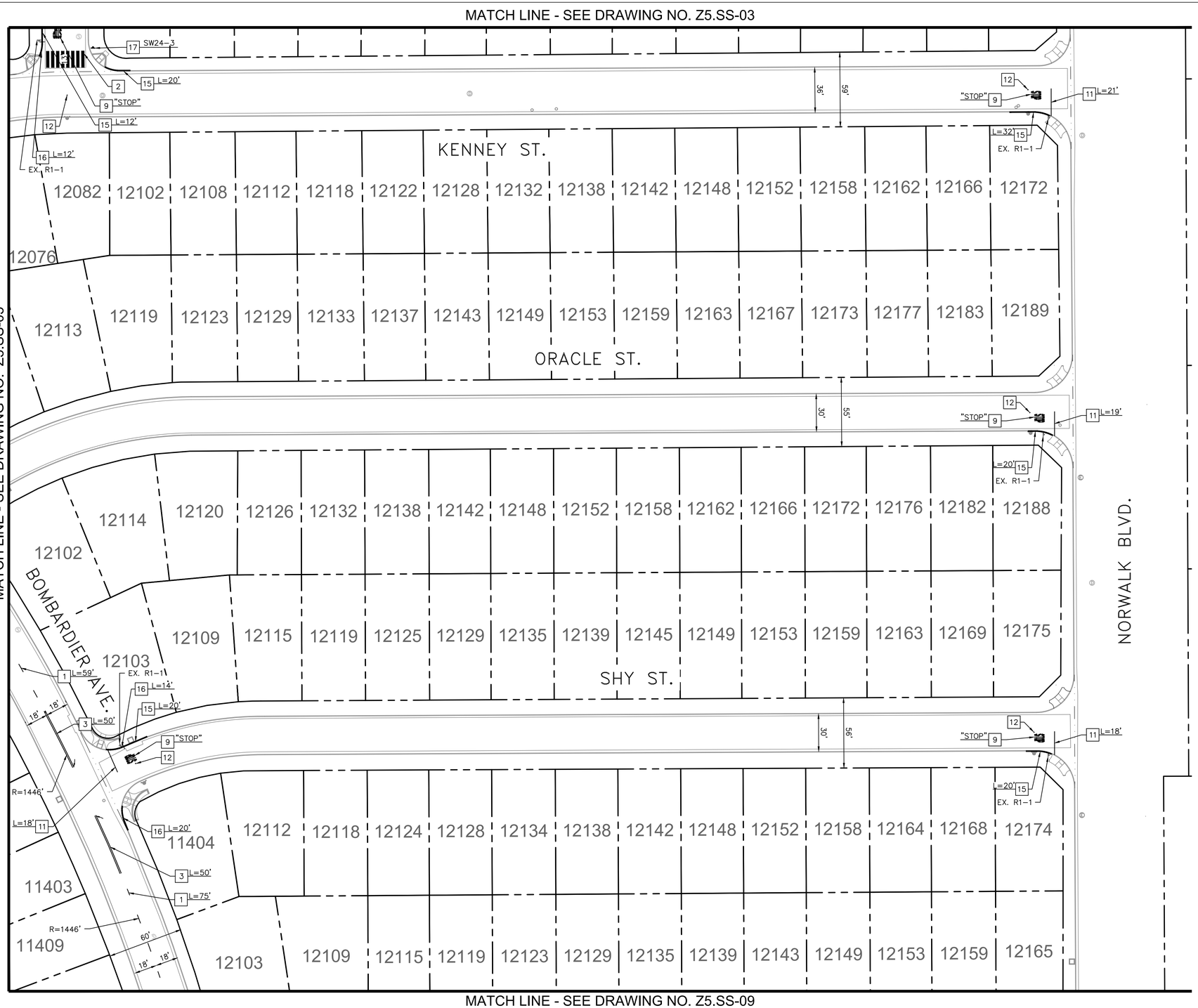
TITLE:
ZONE 5
STRIPING PLANS

Approved
CITY ENGINEER — RCE 90882 — 2026-06-04 DATE

Recommended
PRINCIPAL CIVIL ENGINEER — RCE 75709 — 2026-06-04 DATE

PROJECT NO. 7944
DRAWING NO. Z5.SS-05

Drawn By RC Checked By PW
SHEET 23 OF 62



CONSTRUCTION NOTES

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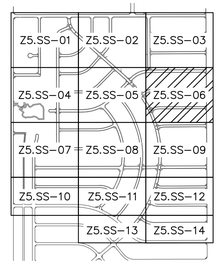
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SIGN LEGEND



SW24-3



KEY MAP
SCALE: NTS

SCALE: 1" = 40 FEET
0 20 40 80

100% SUBMITTAL

PLANS PREPARED BY:
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6/5/2026
DATE

REGISTERED PROFESSIONAL ENGINEER — SRIKANTH CHAKRAVARTHY — No. C73629 — CIVIL — STATE OF CALIFORNIA

engineering division

REVISIONS

DATE	BY	

FIELD BOOK REF.
PLAN REF.

CITY OF NORWALK
A Connected Community

TITLE: ZONE 5 STRIPING PLANS

Approved
CITY ENGINEER RCE 90882 2026-06-04 DATE

Recommended
PRINCIPAL CIVIL ENGINEER RCE 75709 2026-06-04 DATE

PROJECT NO. 7944
DRAWING NO. Z5.SS-06

Drawn By RC Checked By PW
SHEET 24 OF 62

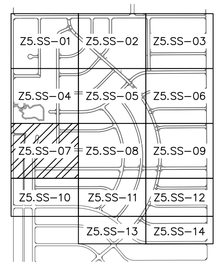


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KEY MAP
SCALE: NTS

N

SCALE: 1" = 40 FEET
0 20 40 80

100% SUBMITTAL

PLANS PREPARED BY:
Kimley»Horn
© 2026 KIMLEY-HORN AND ASSOCIATES, INC.
660 S. Figueroa Street, Suite 2050
Los Angeles, California 90017
Tel (213) 261-4040

REGISTERED PROFESSIONAL ENGINEER
SRIKANTH CHAKRAVARTHY
No. 073629
CIVIL
STATE OF CALIFORNIA

Prepared Under the Supervision of:
SRIKANTH CHAKRAVARTHY, P.E. RCE 73629
6/5/2026
DATE

engineering division

REVISIONS

DATE	BY	

FIELD BOOK REF.

PLAN REF.

CITY OF NORWALK
A Connected Community

TITLE:
ZONE 5
STRIPING PLANS

Approved
CITY ENGINEER RCE 90882 2026-06-04 DATE

Recommended
PRINCIPAL CIVIL ENGINEER RCE 75709 2026-06-04 DATE

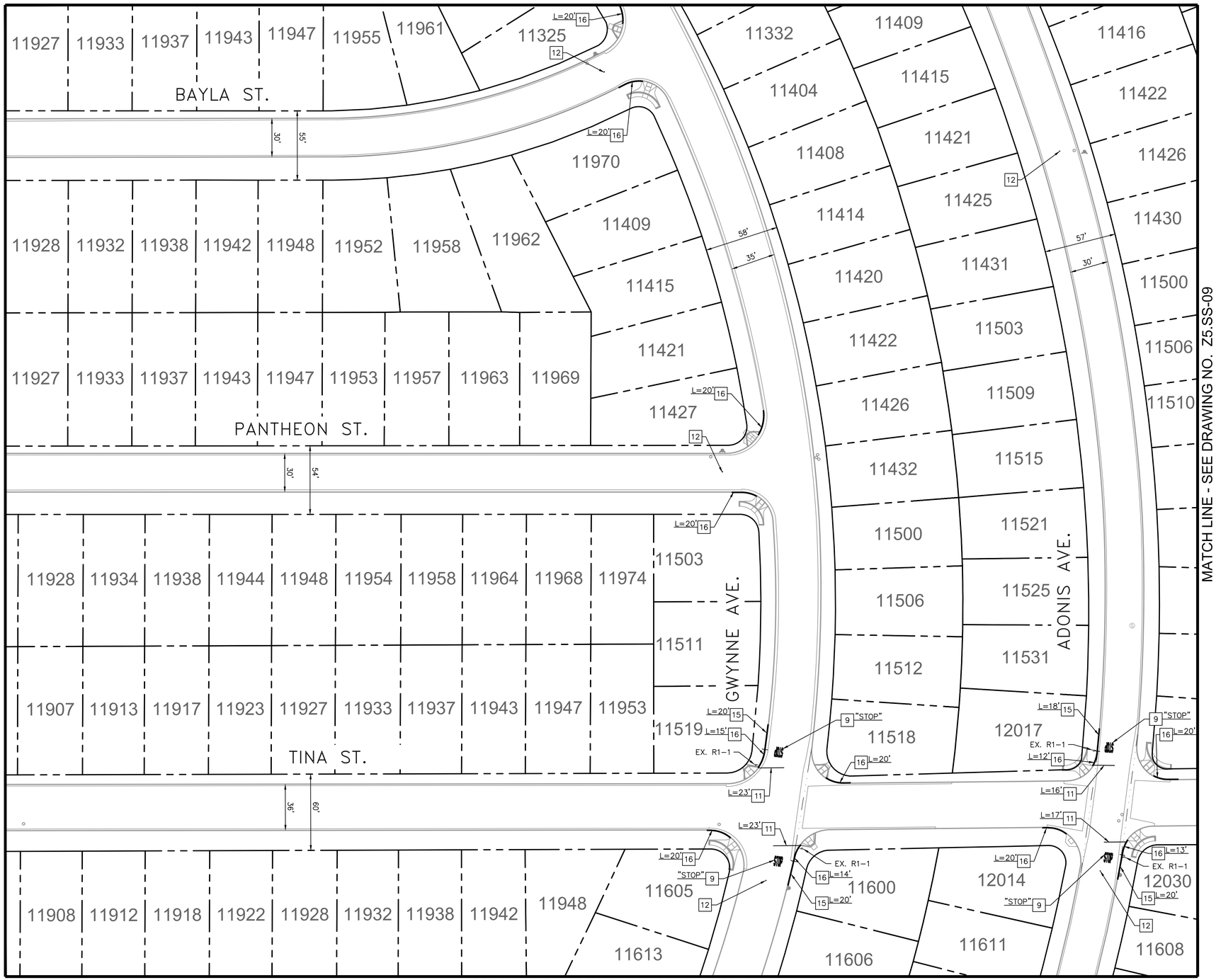
PROJECT NO.
7944

DRAWING NO.
Z5.SS-07

Drawn By RC Checked By PW

SHEET 25 OF 62

\\LDTFP01\CA_LDT\LDT_TPTO\099701006 - NORWALK PAVEMENT REHAB ZONES 5 6 30\DESIGN\CADD\CURRENTS\7 SS-ZONE05.DWG LAST SAVED BY: ROSSINA.CHICHIRI 2026-04-30



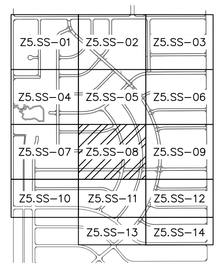
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REGISTERED PROFESSIONAL ENGINEER
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No. 73629
CIVIL
STATE OF CALIFORNIA

Prepared Under the Supervision of:
SRIKANTH CHAKRAVARTHY, P.E. RCE 73629 — 6/5/2026 DATE

engineering division

REVISIONS

DATE	BY	

FIELD BOOK REF.
PLAN REF.

CITY OF NORWALK
A Connected Community

TITLE:
ZONE 5
STRIPING PLANS

Approved
CITY ENGINEER — RCE 90882 — 2026-06-04 DATE

Recommended
PRINCIPAL CIVIL ENGINEER — RCE 75709 — 2026-06-04 DATE

PROJECT NO. 7944
DRAWING NO. Z5.SS-08

Drawn By RC | Checked By PW | SHEET 26 OF 62



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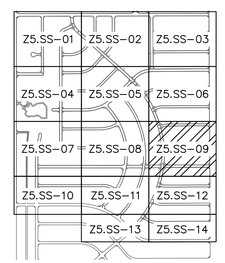
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SIGN LEGEND



R1-1 R1-3P



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100% SUBMITTAL

CITY OF NORWALK
A Connected Community

TITLE: ZONE 5 STRIPING PLANS

Approved — CITY ENGINEER — RCE 90882 — 2026-06-04 DATE
Recommended — PRINCIPAL CIVIL ENGINEER — RCE 75709 — 2026-06-04 DATE

PROJECT NO. 7944
DRAWING NO. Z5.SS-09
Drawn By RC Checked By PW
SHEET 27 OF 62

PLANS PREPARED BY:
Kimley»Horn
© 2026 KIMLEY-HORN AND ASSOCIATES, INC.
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Los Angeles, California 90017
Tel (213) 261-4040

Prepared Under the Supervision of:
SRIKANTH CHAKRAVARTHY, P.E. RCE 73629 — 6/5/2026 DATE

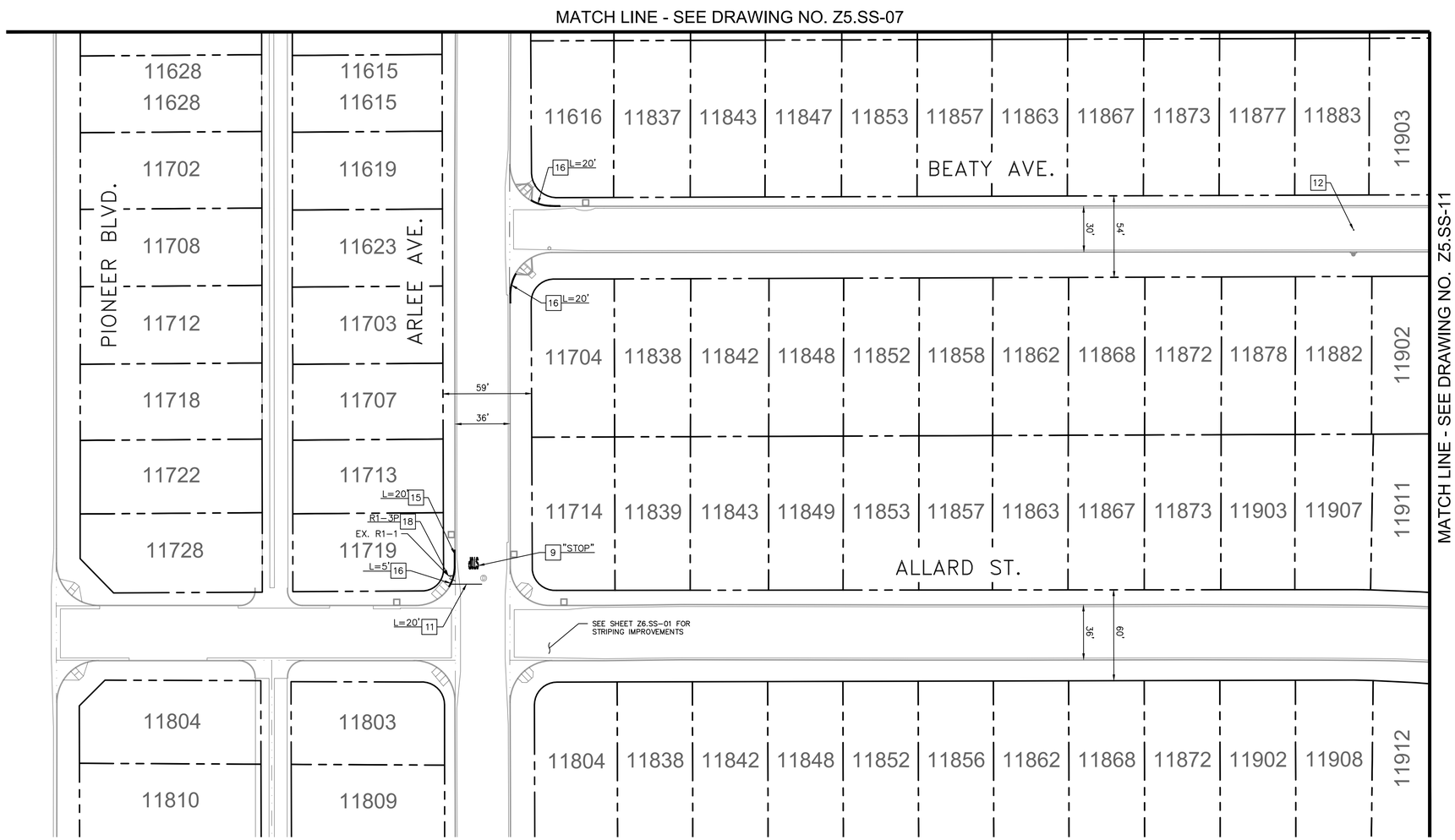
REGISTERED PROFESSIONAL ENGINEER — SRIKANTH CHAKRAVARTHY — No. 73629 — CIVIL — STATE OF CALIFORNIA

engineering division
REVISIONS

DATE	BY

FIELD BOOK REF.
PLAN REF.

\\LDTFP01\CA_LDT\LDT_TPTO\099701006 - NORWALK PAVEMENT REHAB ZONES 5 6 30\DESIGN\CADD\CURRENTS\7 SS-ZONE05.DWG LAST SAVED BY: ROSSINA.CHICHIRI 2026-04-30



CONSTRUCTION NOTES

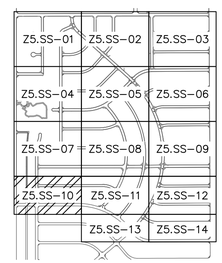
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SIGN LEGEND

ALL WAY
R1-3P



KEY MAP
SCALE: NTS

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0 20 40 80

100% SUBMITTAL

PLANS PREPARED BY:
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REGISTERED PROFESSIONAL ENGINEER
SRIKANTH CHAKRAVARTHY
No. C73629
CIVIL
STATE OF CALIFORNIA

Prepared Under the Supervision of:
SRIKANTH CHAKRAVARTHY, P.E. RCE 73629
6/5/2026
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REVISIONS

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FIELD BOOK REF.
PLAN REF.

CITY OF NORWALK
A Connected Community

TITLE:
ZONE 5
STRIPING PLANS

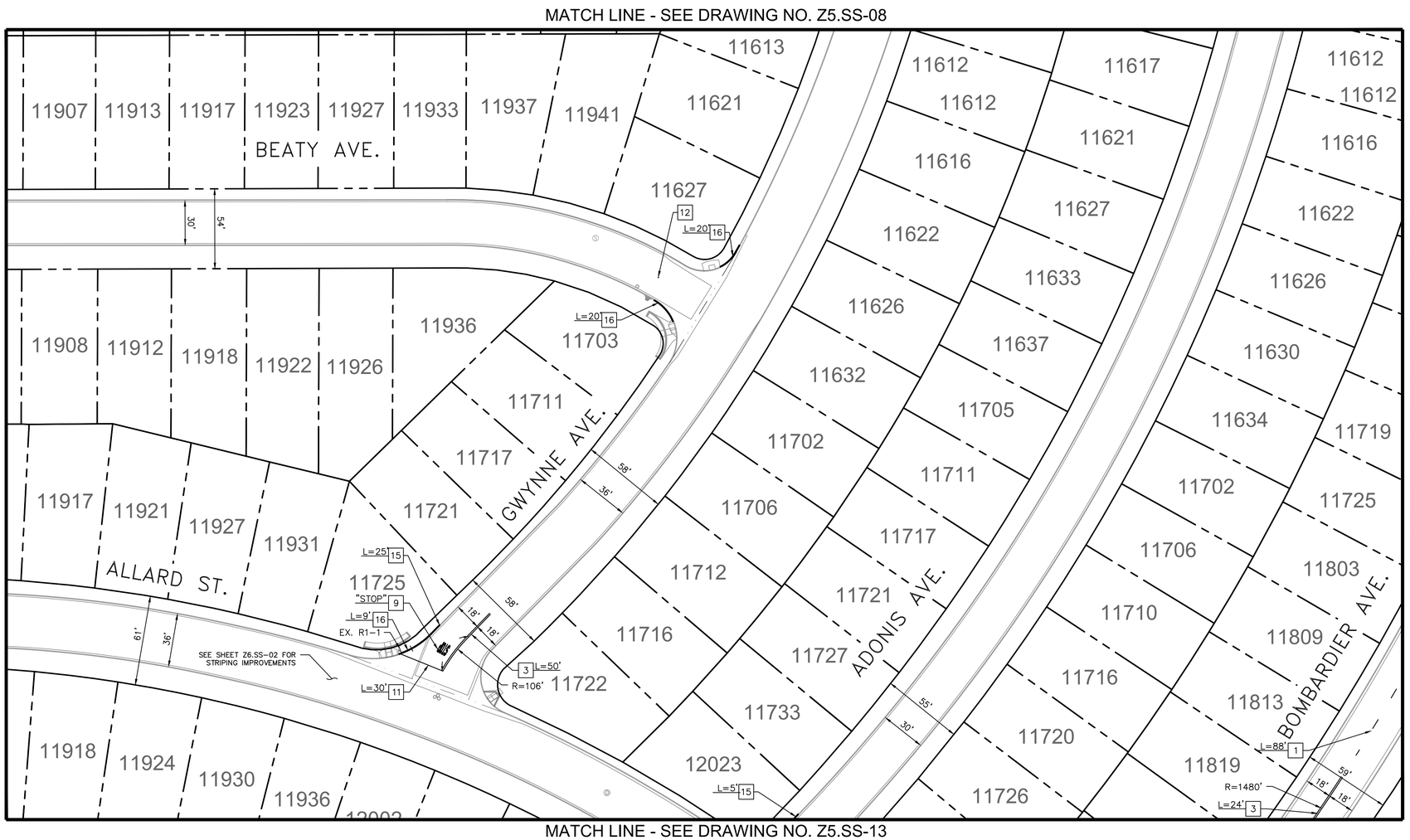
Approved
CITY ENGINEER RCE 90882 2026-06-04 DATE

Recommended
PRINCIPAL CIVIL ENGINEER RCE 75709 2026-06-04 DATE

PROJECT NO. 7944
DRAWING NO. Z5.SS-10

Drawn By RC Checked By PW
SHEET 28 OF 62

\\LDTFP01\CA_LDT\LDT_TPTO\099701006 - NORWALK PAVEMENT REHAB ZONES 5 6 30\DESIGN\CADD\CURRENTS\7 SS-ZONE05.DWG LAST SAVED BY: ROSSINA.CHICHIRI 2026-04-30

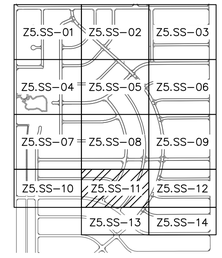


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FIELD BOOK REF.

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CITY OF NORWALK
A Connected Community

TITLE:
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Approved
CITY ENGINEER RCE 90882 2026-06-04 DATE

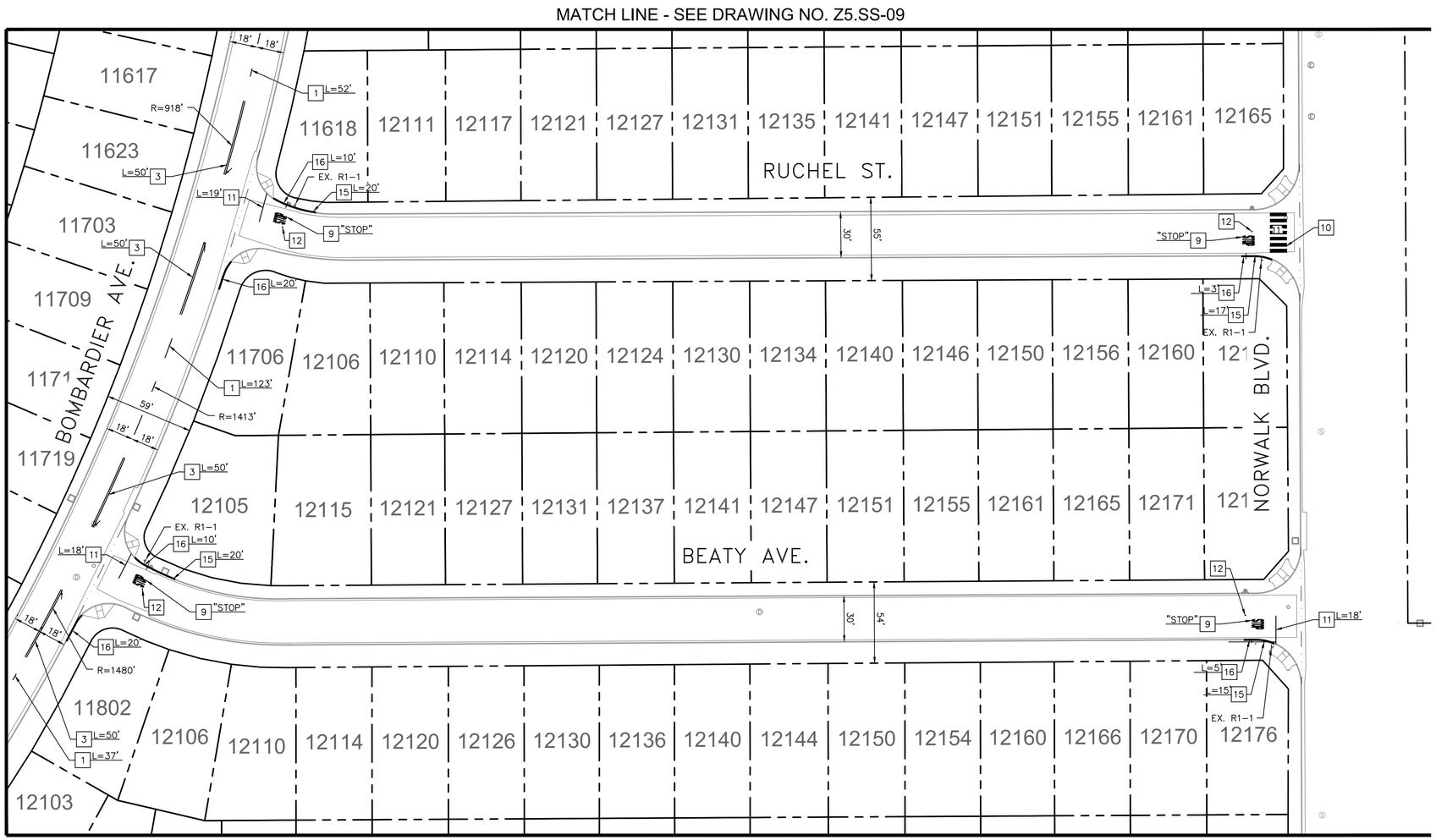
Recommended
PRINCIPAL CIVIL ENGINEER RCE 75709 2026-06-04 DATE

PROJECT NO. 7944

DRAWING NO. Z5.SS-11

Drawn By RC Checked By PW

SHEET 29 OF 62

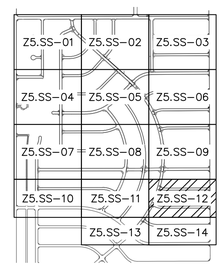


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GENERAL NOTES

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5. RETROREFLECTIVE SIGN POST TAPE SHALL BE VIS-Z-SHIELD.



KEY MAP
SCALE: NTS

SCALE: 1" = 40 FEET
0 20 40 80

100% SUBMITTAL

PLANS PREPARED BY:
Kimley»Horn
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Los Angeles, California 90017
Tel (213) 261-4040

REGISTERED PROFESSIONAL ENGINEER — SRIKANTH CHAKRAVARTHY — No. C73629 — CIVIL — STATE OF CALIFORNIA

Prepared Under the Supervision of:
SRIKANTH CHAKRAVARTHY, P.E. RCE 73629 — 6/5/2026 DATE

engineering division
REVISIONS

DATE	BY	

FIELD BOOK REF.
PLAN REF.

CITY OF NORWALK
A Connected Community

TITLE:
ZONE 5
STRIPING PLANS

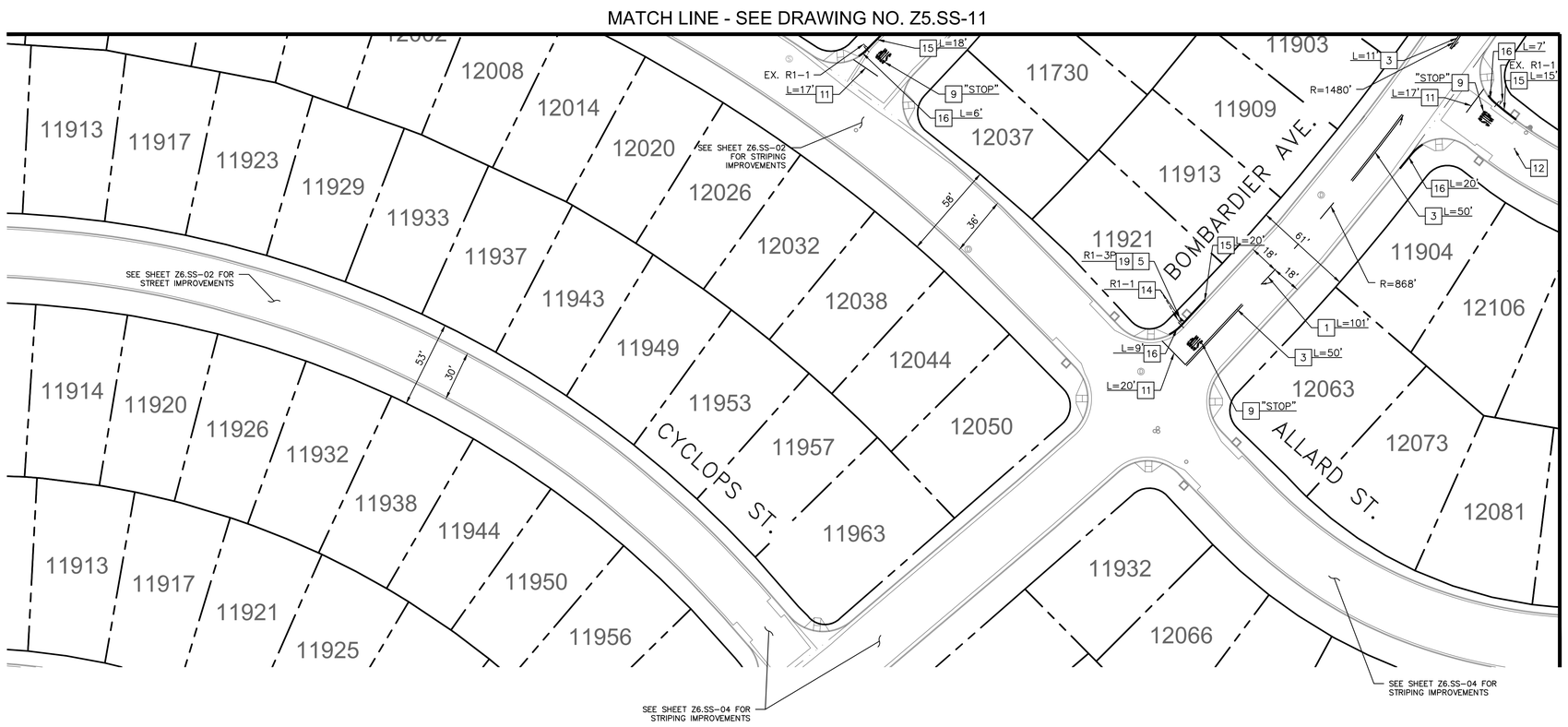
Approved
CITY ENGINEER — RCE 90882 — 2026-06-04 DATE

Recommended
PRINCIPAL CIVIL ENGINEER — RCE 75709 — 2026-06-04 DATE

PROJECT NO. 7944
DRAWING NO. Z5.SS-12

Drawn By RC — Checked By PW — SHEET 30 OF 62

\\LDTFP01\CA_LDT\LDT_TPTO\099701006 - NORWALK PAVEMENT REHAB ZONES 5 6 30\DESIGN\CADD\CURRENTS\7 SS-ZONE05.DWG LAST SAVED BY: ROSSINA.CHICHIRI 2026-04-30

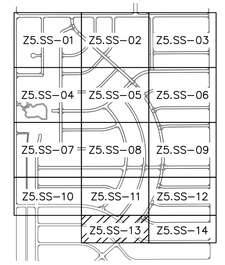


CONSTRUCTION NOTES

1. PAINT 6" YELLOW CENTERLINE PER CALTRANS STD. PLAN A20A, DETAIL 2.
2. PAINT YELLOW CONTINENTAL CROSSWALK PER CALTRANS STD. PLAN A24F WITH 2' BARS AND 2' GAPS. CROSSWALK WIDTH SHALL BE 10' MIN. UNLESS OTHERWISE NOTED.
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5. INSTALL REFLECTIVE RED TAPE ON EXISTING/PROPOSED STOP SIGN POST.
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KEY MAP
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N

SCALE: 1" = 40 FEET
0 20 40 80

100% SUBMITTAL

PLANS PREPARED BY:
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REGISTERED PROFESSIONAL ENGINEER
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No. C73629
CIVIL
STATE OF CALIFORNIA

Prepared Under the Supervision of:
SRIKANTH CHAKRAVARTHY, P.E. RCE 73629
6/5/2026
DATE

engineering division

REVISIONS

DATE	BY

FIELD BOOK REF.

PLAN REF.

CITY OF NORWALK
A Connected Community

TITLE:
ZONE 5
STRIPING PLANS

Approved
CITY ENGINEER RCE 90882 2026-06-04 DATE

Recommended
PRINCIPAL CIVIL ENGINEER RCE 75709 2026-06-04 DATE

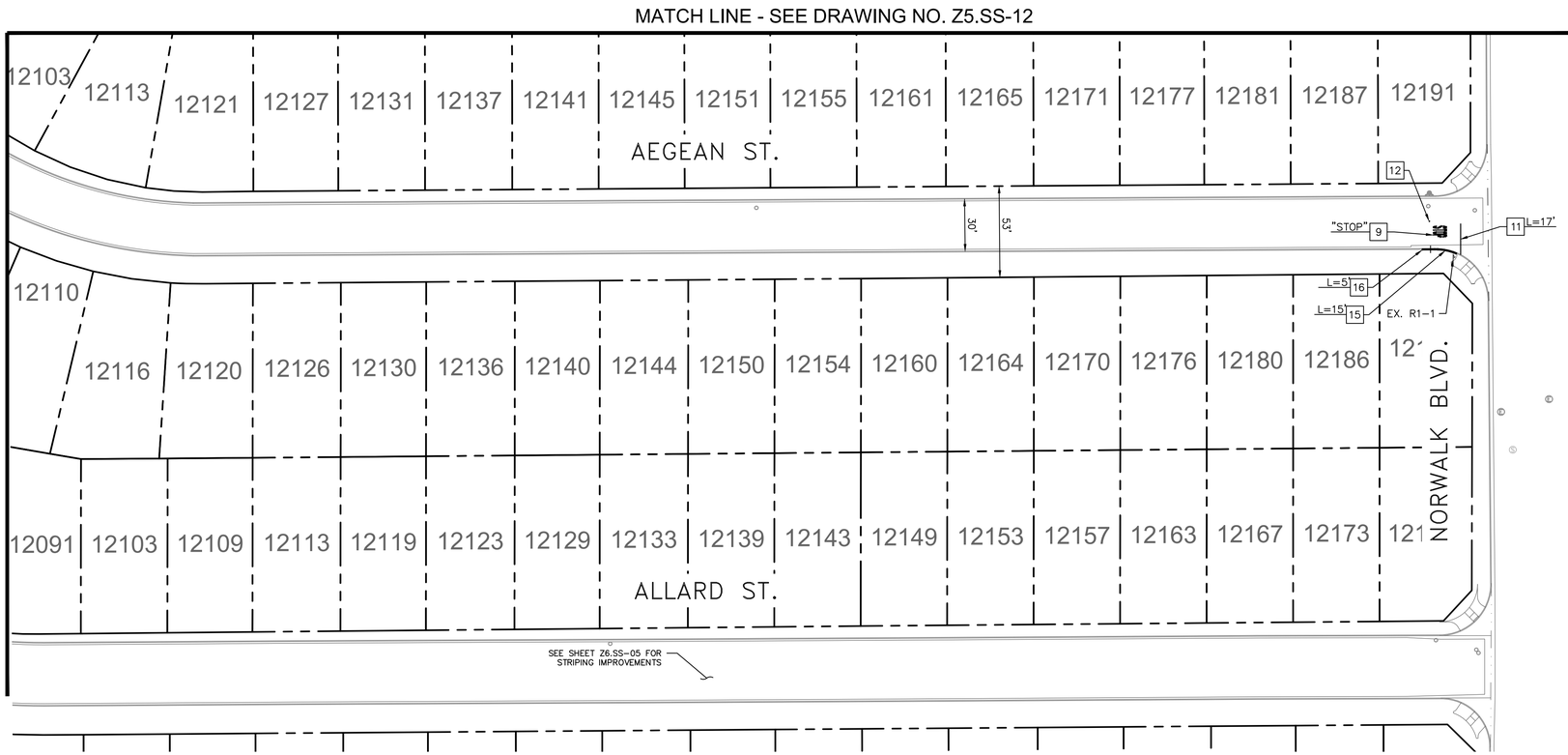
PROJECT NO.
7944

DRAWING NO.
Z5.SS-13

Drawn By RC Checked By PW

SHEET 31 OF 62

\\LDTFP01\CA_LDT\LDT_TPT\099701006 - NORWALK PAVEMENT REHAB ZONES 5 6 30\DESIGN\CADD\CURRENTS\7 SS-ZONE05.DWG LAST SAVED BY: ROSSINA.CHICHIRI 2026-04-30

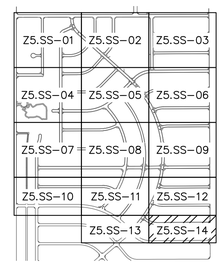


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REGISTERED PROFESSIONAL ENGINEER
SRIKANTH CHAKRAVARTHY
No. C73629
CIVIL
STATE OF CALIFORNIA

Prepared Under the Supervision of:
SRIKANTH CHAKRAVARTHY, P.E. RCE 73629
6/5/2026
DATE

engineering division
REVISIONS

DATE	BY	

FIELD BOOK REF.
PLAN REF.

CITY OF NORWALK
A Connected Community

TITLE:
ZONE 5
STRIPING PLANS

Approved
CITY ENGINEER RCE 90882 2026-06-04 DATE

Recommended
PRINCIPAL CIVIL ENGINEER RCE 75709 2026-06-04 DATE

PROJECT NO. 7944

DRAWING NO. Z5.SS-14

Drawn By RC Checked By PW

SHEET 32 OF 62

\\LDTFP01\CA_LDT\LDT_TPTO\099701006 - NORWALK PAVEMENT REHAB ZONES 5 6 30\DESIGN\CADD\CURRENTS\7 SS-ZONE05.DWG LAST SAVED BY: ROSSINA.CHICHIRI 2026-04-30

CAPE SEAL [CONSTRUCTION NOTE 2]			
STREET NAME	FROM	TO	AREA (SF)
BATTLE ST	BRINK AVE	BOMBARDIER AVE	11,930
BAYLA ST	BRINK AVE	GWYNNE AVE	21,900
BAYLA ST	BOMBARDIER AVE	NORWALK BLVD	17,700
HERMES ST	KALNOR AVE	NORWALK BLVD	20,600
KALNOR AVE	LAKELAND RD	KENNEY ST	23,530
KENNEY ST	BRINK AVE	BOMBARDIER AVE	35,370
PANTHEON ST	BOMBARDIER AVE	NORWALK BLVD	20,930
TINA ST	ARLEE AVE	GWYNNE AVE	39,460

1.5" GRIND AND OVERLAY [CONSTRUCTION NOTE 3]			
STREET NAME	FROM	TO	AREA (SF)
ACHILLES ST	KALNOR AVE	NORWALK BLVD	20,610
ADONIS AVE	KENNEY ST	ALLARD ST	53,120
AEGEAN ST	BOMBARDIER AVE	NORWALK BLVD	26,060
ARLEE AVE	LAKELAND RD	CRESSON ST	20,510
ARLEE AVE	S OF CUL-DE-SAC	ALLARD ST	30,800
BATTLE ST	CUL-DE-SAC	ARLEE AVE	5,030
BEATY AVE	ARLEE AVE	GWYNNE AVE	30,260
BEATY AVE	BOMBARDIER AVE	NORWALK BLVD	22,060
BOMBARDIER AVE	LAKELAND RD	ALLARD ST	111,600
BRINK AVE	BOMBARDIER AVE	PLUTON ST	31,490
BRINK AVE	PLUTON ST	BAYLA ST	16,800
BRINK AVE	BAYLA ST	PANTHEON ST	8,250
CRESSON ST	PIONEER BLVD	ARLEE AVE	11,840
CRESSON ST	BRINK AVE	BOMBARDIER AVE	17,070
GWYNNE AVE	KENNEY ST	ALLARD ST	54,580
HERMES ST	CUL-DE-SAC	ARLEE AVE	5,030
KENNEY ST	CUL-DE-SAC	BRINK AVE	3,310
KENNEY ST	BOMBARDIER AVE	NORWALK BLVD	34,950
LAKELAND RD	KALNOR AVE	NORWALK BLVD	26,700
ORACLE ST	BOMBARDIER AVE	NORWALK BLVD	24,040
PADDISON AVE	BOMBARDIER AVE	LAKELAND RD	18,110
PANTHEON ST	ARLEE AVE	GWYNNE AVE	35,210
PLUTON ST	BRINK AVE	BOMBARDIER AVE	22,940
RUCHEL ST	BOMBARDIER AVE	NORWALK BLVD	18,400
SHY ST	BOMBARDIER AVE	NORWALK BLVD	20,440
TINA ST	GWYNNE AVE	ADONIS AVE	7,720
TINA ST	ADONIS AVE	BOMBARDIER AVE	7,770
TINA ST	BOMBARDIER AVE	NORWALK BLVD	20,610
ZEUS AVE	BOMBARDIER AVE	LAKELAND RD	9,930

CUL-DE-SAC 1.5" GRIND AND OVERLAY [CONSTRUCTION NOTE 6]			
STREET NAME	FROM	TO	AREA (SF)
ARLEE ST CUL-DE-SAC	CUL-DE-SAC	N OF PANTHEON ST	2,240
BATTLE ST CUL-DE-SAC	CUL-DE-SAC	ARLEE AVE	5,030
HERMES ST CUL-DE-SAC	CUL-DE-SAC	ARLEE AVE	5,030
KENNEY ST CUL-DE-SAC	CUL-DE-SAC	BRINK AVE	3,310

SIGNING, STRIPING, & EQUIPMENT QUANTITIES		
SIGNING AND STRIPING ITEM	QUANTITY	UNIT
YELLOW STRIPING (CALTRANS STD. PLAN A20A, DETAIL 2) [CONSTRUCTION NOTE 1]	1,931	LF
YELLOW STRIPING (CALTRANS STD. PLAN A20A, DETAIL 22) [CONSTRUCTION NOTE 3]	1,525	LF
WHITE PM WORD STRIPING (CALTRANS STD. PLAN A24D) [CONSTRUCTION NOTE 9]	53	EA
YELLOW PM WORD STRIPING (CALTRANS STD. PLAN A24D) [CONSTRUCTION NOTE 4]	6	EA
WHITE LIMIT LINE STRIPING (CALTRANS STD. PLAN A24G) [CONSTRUCTION NOTE 11]	845	LF
FIRE HYDRANT PAVEMENT MARKER (CAMUTCD, FIGURE 3B-102(CA)) [CONSTRUCTION NOTE 12]	45	EA
STRIPING - REFRESH EXISTING RED CURB [CONSTRUCTION NOTE 15]	1,263	LF
STRIPING - PAINT RED CURB [CONSTRUCTION NOTE 16]	1,478	LF
YELLOW CONTINENTAL XWALK STRIPING (CALTRANS STD. PLAN A24F) [CONSTRUCTION NOTE 2]	1,236	SF
WHITE CONTINENTAL XWALK STRIPING (CALTRANS STD. PLAN A24F) [CONSTRUCTION NOTE 10]	330	SF
YELLOW THERMOPLASTIC CONTINENTAL/LADDER XWALK (CALTRANS STD. PLAN A24F) [CONSTRUCTION NOTE 20]	234	SF
REFLECTIVE RED TAPE ON SIGN POST [CONSTRUCTION NOTE 5]	2	EA
RELOCATE SIGN [CONSTRUCTION NOTE 14]	2	EA
NEW SIGN AND POST [CONSTRUCTION NOTE 17]	2	EA
NEW SIGN ON EXISTING POST [CONSTRUCTION NOTE 18]	18	EA
NEW SIGN AND SQUARE POST [CONSTRUCTION NOTE 19]	2	EA
REPLACE TYPE E TRAFFIC LOOPS [CONSTRUCTION NOTE 6]	2	EA
REPLACE TYPE D TRAFFIC LOOPS [CONSTRUCTION NOTE 13]	2	EA

NOTE:
KIMLEY-HORN MAKES NO REPRESENTATION CONCERNING THE COST FIGURES MADE IN CONNECTION WITH THE MAPS, PLANS, SPECIFICATIONS OR DRAWINGS PREPARED BY THEM, OTHER THAN THAT ALL COST FIGURES ARE ESTIMATES ONLY AND THE ENGINEER CANNOT BE RESPONSIBLE FOR FLUCTUATIONS IN COST FACTORS. FURTHERMORE, THIS ESTIMATE IS BASED ON ITS CURRENT DOLLAR VALUE AS ORIGINALLY PREPARED.

100% SUBMITTAL

REGISTERED PROFESSIONAL ENGINEER
SRIKANTH CHAKRAVARTHY
No. 073629
CIVIL
STATE OF CALIFORNIA

PLANS PREPARED BY:
Kimley»Horn
© 2026 KIMLEY-HORN AND ASSOCIATES, INC.
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Prepared Under the Supervision of:
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6/5/2026
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DATE	BY	

FIELD BOOK REF.

PLAN REF.

CITY OF NORWALK
A Connected Community

TITLE: ZONE 5 QUANTITIES

Approved
CITY ENGINEER RCE 90882 2026-06-04 DATE

Recommended
PRINCIPAL CIVIL ENGINEER RCE 75709 2026-06-04 DATE

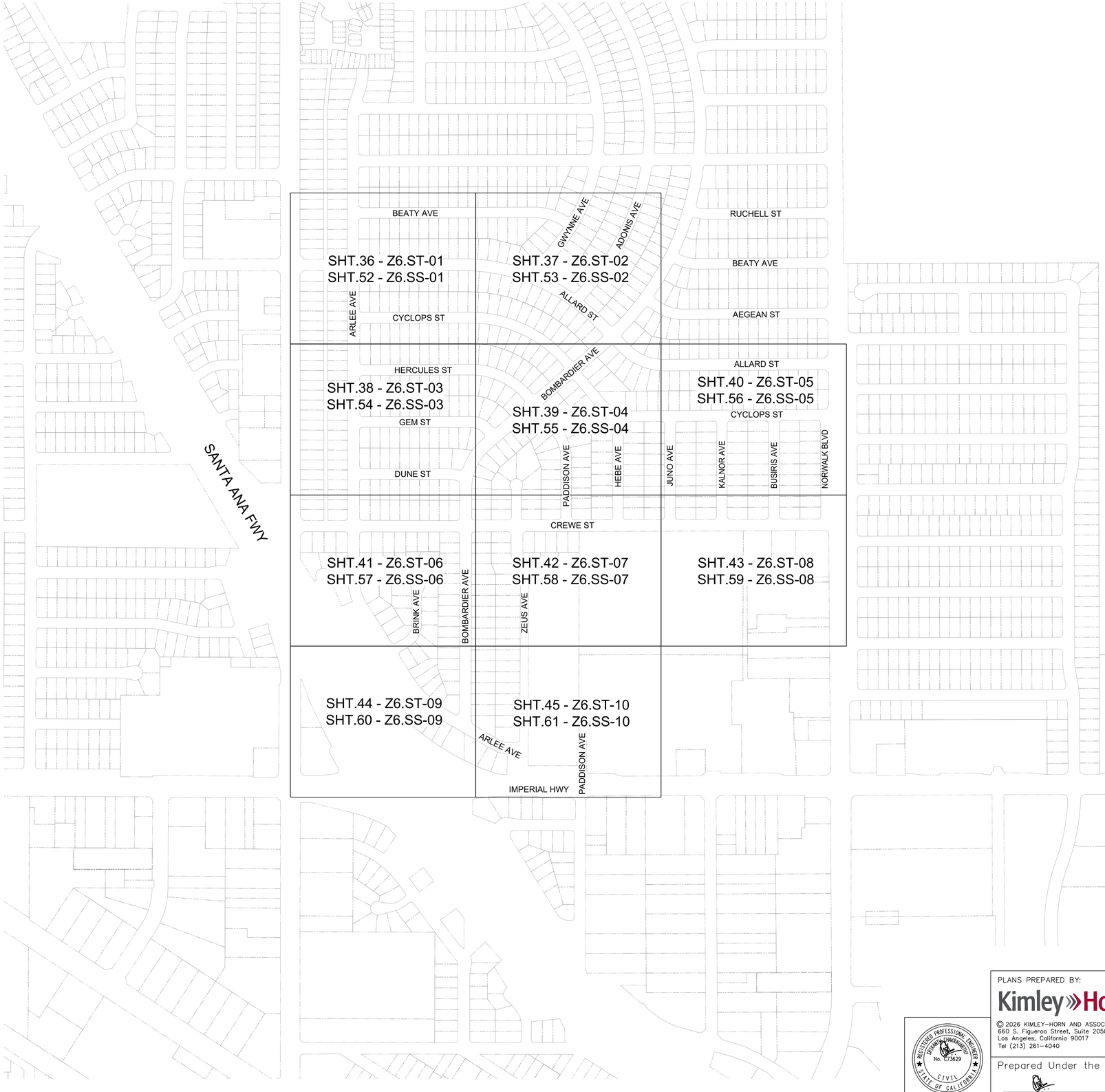
PROJECT NO. 7944

DRAWING NO. Z5.Q-01

Drawn By RC Checked By PW

SHEET 33 OF 62

\\LDTFP01\CA_LDT\LDT_TPTO\099701006 - NORWALK PAVEMENT REHAB ZONES 5 6 30\DESIGN\CADD\CURRENTS\9 Q-ZONE05.DWG LAST SAVED BY: ROSSINA.CHICHIRI 2026-04-30



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CITY OF NORWALK
A Connected Community

engineering division

TITLE: ZONE 6 KEY MAP

PROJECT NO. 7944

DRAWING NO. Z6.KM-01

SHEET 34 OF 62

Approved
CITY ENGINEER RCE 90882 2026-06-04 DATE

Recommended
PRINCIPAL CIVIL ENGINEER RCE 75709 2026-06-04 DATE

Drawn By CB Checked By PW

REVISIONS

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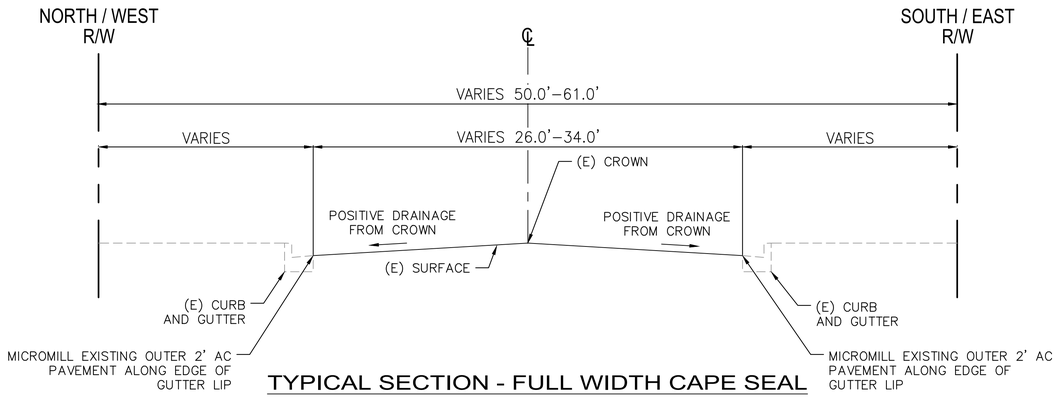
PLAN REF.

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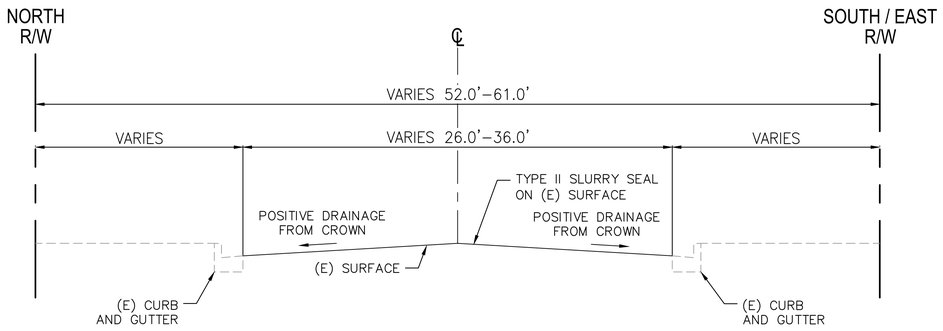
REGISTERED PROFESSIONAL ENGINEER SRIKANTH CHAKRAVARTHY No. 073629 CIVIL STATE OF CALIFORNIA



TYPICAL SECTION - FULL WIDTH CAPE SEAL

SCALE: 1"=10' HORIZ, 1"=5' VERT

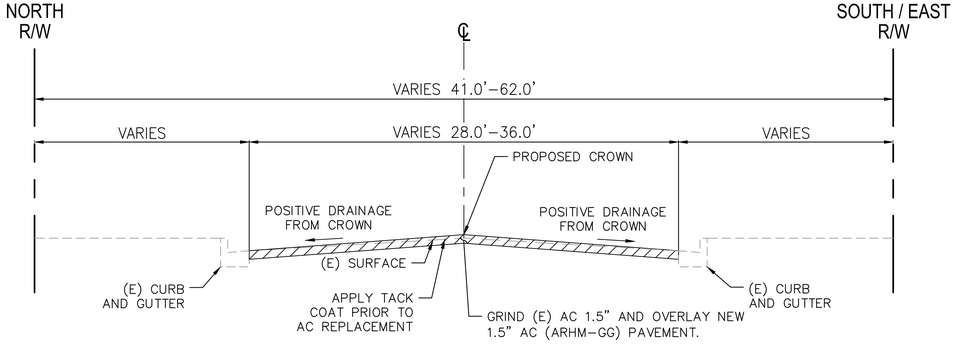
CYCLOPS ST – ARLEE AVE TO BOMBARDIER AVE
CYCLOPS ST – BOMBARDIER AVE TO NORWALK BLVD
ALLARD ST – GWYNNE AVE TO NORWALK BLVD
HEBE AVE – CYCLOPS ST TO CREWE ST
JUNO AVE – CYCLOPS ST TO CREWE ST
KALNOR AVE – CYCLOPS ST TO CREWE ST
BUSIRIS AVE – CYCLOPS ST TO CREWE ST
NORWALK BLVD – CYCLOP ST TO CREWE ST



TYPICAL SECTION - FULL WIDTH TYPE II SLURRY

SCALE: 1"=10' HORIZ, 1"=5' VERT

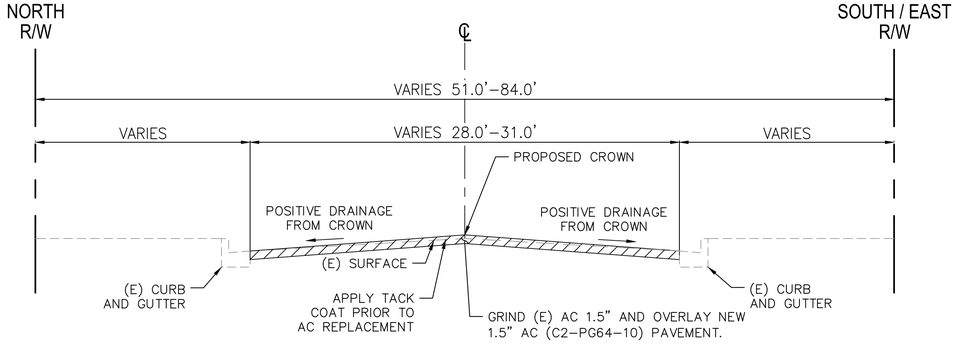
ARLEE AVE – CREWE ST TO BOMBARDIER AVE
ARLEE AVE – BOMBARDIER AVE TO ZEUS AVE



TYPICAL SECTION - FULL WIDTH GRIND AND OVERLAY

SCALE: 1"=10' HORIZ, 1"=5' VERT

ALLARD ST – PIONEER BLVD TO ARLEE ST
ALLARD ST – ARLEE AVE TO GWYNNE AVE
ARLEE AVE – ALLARD ST TO CREWE ST
HERCULES ST – ARLEE AVE TO BOMBARDIER AVE
GEM ST – ARLEE AVE TO BOMBARDIER AVE
DUNE ST – ARLEE AVE TO BOMBARDIER AVE
CREWE ST – PIONEER BLVD TO BOMBARDIER AVE
CREWE ST –BOMBARDIER AVE TO NORWALK BLVD
BOMBARDIER AVE – ALLARD ST TO ARLEE ST
PADDISON AVE – BOMBARDIER AVE TO CREWE ST
SPRY ST – ARLEE AVE TO KNUCKLE
BRINK AVE – ARLEE AVE TO KNUCKLE
ZEUS AVE – CUL–DE–SAC TO CREWE
ZEUS AVE – CREWE ST TO SPRY ST



TYPICAL SECTION - FULL WIDTH GRIND AND OVERLAY

SCALE: 1"=10' HORIZ, 1"=5' VERT

ZEUS AVE – CUL–DE–SAC
SPRY ST – CUL–DE–SAC (W OF ARLEE AVE)
SPRY ST – CUL–DE–SAC (E OF ZEUS AVE)

100% SUBMITTAL

CITY OF NORWALK
A Connected Community

TITLE: ZONE 6 TYPICAL SECTIONS

PROJECT NO. 7944

DRAWING NO. Z6.XS-01

SHEET 35 OF 62

Approved — CITY ENGINEER — RCE 90882 — DATE 2026-06-04

Recommended — PRINCIPAL CIVIL ENGINEER — RCE 75709 — DATE 2026-06-04

Drawn By JF — Checked By PW

engineering division

REVISIONS

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FIELD BOOK REF.

PLAN REF.

PLANS PREPARED BY:
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Prepared Under the Supervision of:
SRIKANTH CHAKRAVARTHY, P.E. RCE 73629 — 6/5/2026 DATE

REGISTERED PROFESSIONAL ENGINEER — SRIKANTH CHAKRAVARTHY — No. 073629 — CIVIL — STATE OF CALIFORNIA

\\LDTFP01\CA_LDT\LDT_TPTO\099701006 – NORWALK PAVEMENT REHAB ZONES 5 6 30\DESIGN\CADD\CURRENTS\4 XS-ZONE06.DWG LAST SAVED BY: AARON.SO 2026-04-23

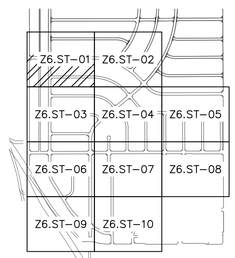


CONSTRUCTION NOTES

1. NOT USED.
2. CAPE SEAL.
3. GRIND AND OVERLAY EXISTING AC 1.5" AND CONSTRUCT NEW 1.5" AC (ARHM-GG-C) PAVEMENT.
4. TYPE II SLURRY SEAL.
5. REMOVE (E) AC PAVEMENT AND CONSTRUCT NEW AC PAVEMENT. PAVEMENT SECTION SHALL MATCH EXISITNG. MINIMUM PAVEMENT SECTION SHALL BE 4" AC (ARHM-GG-C) OVER 7" AB (B-PG64-10) OVER 12" SUBGRADE (95% COMPACTION)
6. GRIND EXISTING AC 1.5" AND OVERLAY NEW 1.5" AC (C2-PG64-10) PAVEMENT. SEE GENERAL NOTE NUMBER 5 AND 6.
7. CONCRETE ALLEYWAY PER SEPARATE PACKAGE.
8. ADJUST STORM DRAIN MANHOLE COVER TO FINISH GRADE.
9. ADJUST SEWER MANHOLE COVER TO FINISH GRADE.
10. ADJUST DOMESTIC WATER VALVE COVER TO FINISH GRADE.
11. ADJUST ELECTRICAL MANHOLE COVER TO FINISH GRADE.
12. PROTECT EXISTING CONCRETE GUTTER IN PLACE.
13. PROTECT EXISTING CATCH BASIN IN PLACE.
14. PROTECT EXISTING PAVEMENT.
15. PROTECT EXISTING CURB RAMP.

GENERAL NOTES

1. RIGHT OF WAY LINES SHOWN ON STREET IMPROVEMENT PLANS ARE TAKEN FROM PUBLICLY AVAILABLE LA COUNTY GEOGRAPHIC INFORMATION SYSTEMS (GIS) RECORDS.
2. CONTRACTOR SHALL MICROMILL EXISTING OUTER 2' OF AC PAVEMENT ALONG THE EDGE OF GUTTER LIP PRIOR TO INSTALLATION OF NEW PAVEMENT SEALS. SKIN PATCH AS NEEDED.
3. CONTRACTOR SHALL COORDINATE WITH THE CITY OF NORWALK FOR FINAL LIMITS OF ALL FULL DEPTH ASPHALT REPLACEMENT PRIOR TO CONSTRUCTION.
4. CONTRACTOR SHALL PROTECT IN PLACE ALL CURB AND GUTTERS ADJACENT TO PROPOSED ROAD WORK UNLESS OTHERWISE NOTED.
5. CONTRACTOR SHALL USE HOT MIX ASPHALT C2-PG64-10 FOR ASPHALT PAVEMENT IN CUL-DE-SAC AREAS.
6. GRIND AND OVERLAY FOR BOMBARDIER AVE SHALL BE 3".
7. CONTRACTOR SHALL COORDINATE WITH THE CITY'S ARBORIST AND CONFIRM LOCATIONS PRIOR TO ROOT REMOVAL AND/OR TREE TRIMMING.



KEY MAP
SCALE: NTS

N

SCALE: 1" = 40 FEET
0 20 40 80

100% SUBMITTAL

PLANS PREPARED BY:
Kimley»Horn
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660 S. Figueroa Street, Suite 2050
Los Angeles, California 90017
Tel (213) 261-4040

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STATE OF CALIFORNIA

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6/5/2026
DATE

engineering division
REVISIONS

DATE	BY	

FIELD BOOK REF.
PLAN REF.

CITY OF NORWALK
A Connected Community

TITLE:
ZONE 6
STREET IMPROVEMENT PLAN

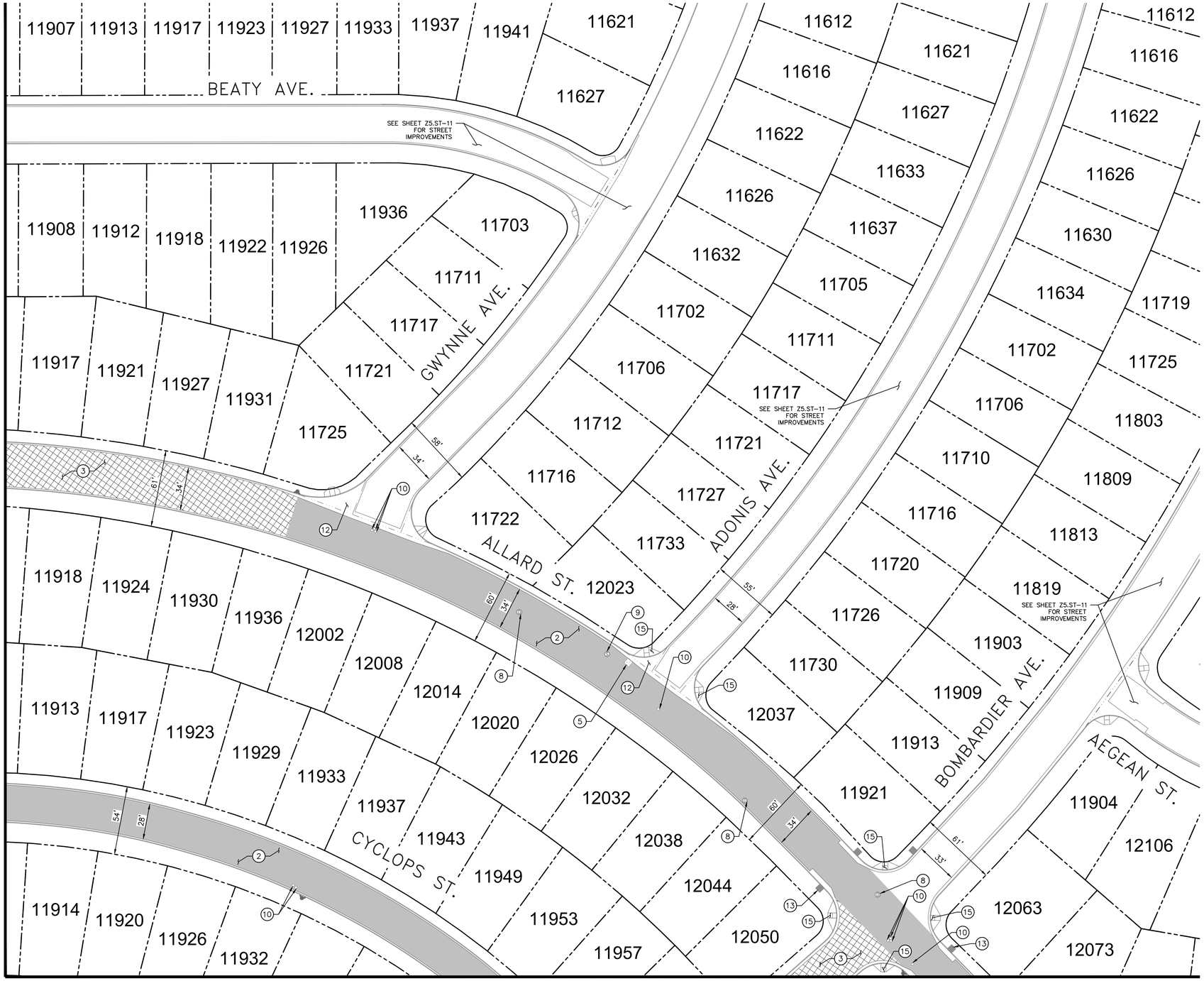
Approved
CITY ENGINEER RCE 90882 2026-06-04 DATE

Recommended
PRINCIPAL CIVIL ENGINEER RCE 75709 2026-06-04 DATE

PROJECT NO. 7944
DRAWING NO. Z6.ST-01

Drawn By CB Checked By PW
SHEET 36 OF 62

\\LDTFP01\CA_LDT\LDT_TPTO\099701006 - NORWALK PAVEMENT REHAB ZONES 5 6 30\DESIGN\CADD\CURRENTS\6 ST-ZONE06.DWG LAST SAVED BY: EDUARDO.ARGUELLES 2026-06-05



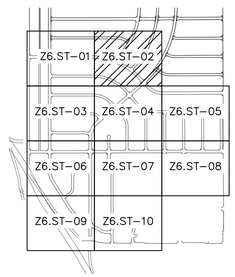
MATCH LINE - SEE DRAWING NO. Z6.ST-04

CONSTRUCTION NOTES

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8. ADJUST STORM DRAIN MANHOLE COVER TO FINISH GRADE.
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GENERAL NOTES

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3. CONTRACTOR SHALL COORDINATE WITH THE CITY OF NORWALK FOR FINAL LIMITS OF ALL FULL DEPTH ASPHALT REPLACEMENT PRIOR TO CONSTRUCTION.
4. CONTRACTOR SHALL PROTECT IN PLACE ALL CURB AND GUTTERS ADJACENT TO PROPOSED ROAD WORK UNLESS OTHERWISE NOTED.
5. CONTRACTOR SHALL USE HOT MIX ASPHALT C2-PG64-10 FOR ASPHALT PAVEMENT IN CUL-DE-SAC AREAS.
6. GRIND AND OVERLAY FOR BOMBARDIER AVE SHALL BE 3".
7. CONTRACTOR SHALL COORDINATE WITH THE CITY'S ARBORIST AND CONFIRM LOCATIONS PRIOR TO ROOT REMOVAL AND/OR TREE TRIMMING.



KEY MAP
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100% SUBMITTAL

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No. 073629
CIVIL
STATE OF CALIFORNIA

Prepared Under the Supervision of:
SRIKANTH CHAKRAVARTHY, P.E. RCE 73629
6/5/2026
DATE

engineering division
REVISIONS

DATE	BY	

FIELD BOOK REF.
PLAN REF.

CITY OF NORWALK
A Connected Community

TITLE:
ZONE 6
STREET IMPROVEMENT PLAN

Approved
CITY ENGINEER RCE 90882 2026-06-04 DATE

Recommended
PRINCIPAL CIVIL ENGINEER RCE 75709 2026-06-04 DATE

PROJECT NO.
7944

DRAWING NO.
Z6.ST-02

Drawn By CB Checked By PW

SHEET 37 OF 62

\\LDTFP01\CA_LDT\LDT_TPTO\099701006 - NORWALK PAVEMENT REHAB ZONES 5 6 30\DESIGN\CADD\CURRENTS\6 ST-ZONE06.DWG LAST SAVED BY: EDUARDO.ARGUELLES 2026-06-05

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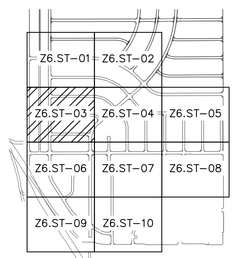


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KEY MAP
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CIVIL
STATE OF CALIFORNIA

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6/5/2026
DATE

engineering division

REVISIONS

DATE	BY	

FIELD BOOK REF.
PLAN REF.

CITY OF NORWALK
A Connected Community

TITLE:
ZONE 6
STREET IMPROVEMENT PLAN

Approved
CITY ENGINEER RCE 90882 2026-06-04 DATE

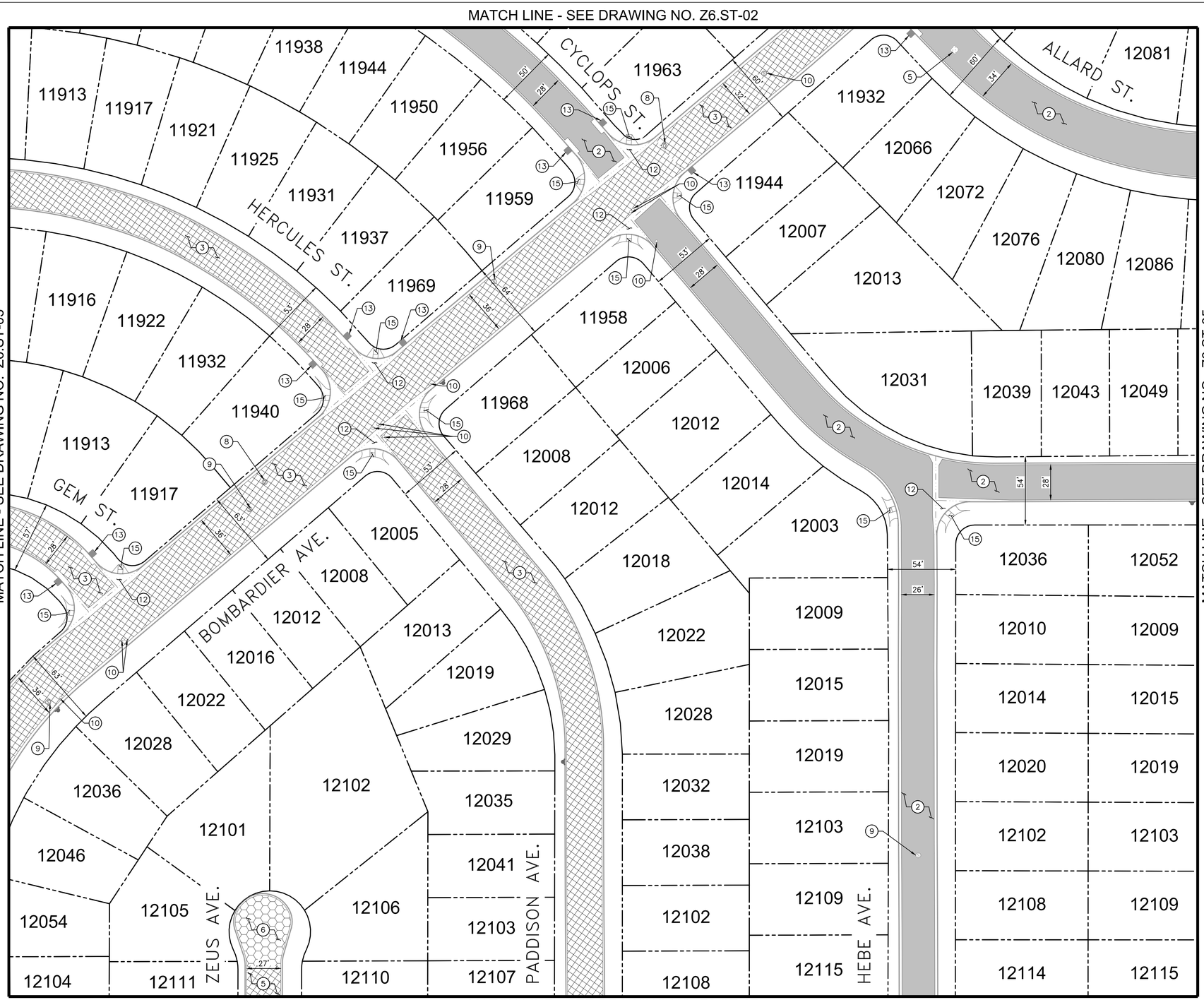
Recommended
PRINCIPAL CIVIL ENGINEER RCE 75709 2026-06-04 DATE

PROJECT NO.
7944

DRAWING NO.
Z6.ST-03

Drawn By CB Checked By PW

SHEET 38 OF 62

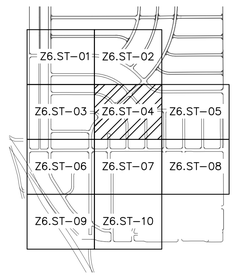


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No. 73629
CIVIL
STATE OF CALIFORNIA

Prepared Under the Supervision of:
SRIKANTH CHAKRAVARTHY, P.E. RCE 73629
6/5/2026
DATE

engineering division

REVISIONS

DATE	BY

FIELD BOOK REF.
PLAN REF.

CITY OF NORWALK
A Connected Community

TITLE:
ZONE 6
STREET IMPROVEMENT PLAN

Approved
CITY ENGINEER RCE 90882 DATE 2026-08-04

Recommended
PRINCIPAL CIVIL ENGINEER RCE 75709 DATE 2026-08-04

PROJECT NO. 7944
DRAWING NO. Z6.ST-04

Drawn By CB Checked By PW
SHEET 39 OF 62

\\LDTFP01\CA_LDT\LDT_TPTO\099701006 - NORWALK PAVEMENT REHAB ZONES 5 6 30\DESIGN\CADD\CURRENTS\6 ST-ZONE06.DWG LAST SAVED BY: EDUARDO.ARGUELLES 2026-06-05

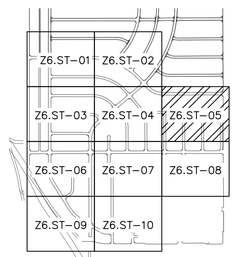


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CITY OF NORWALK
A Connected Community

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STREET IMPROVEMENT PLAN

Approved
CITY ENGINEER RCE 90882 2026-06-04 DATE

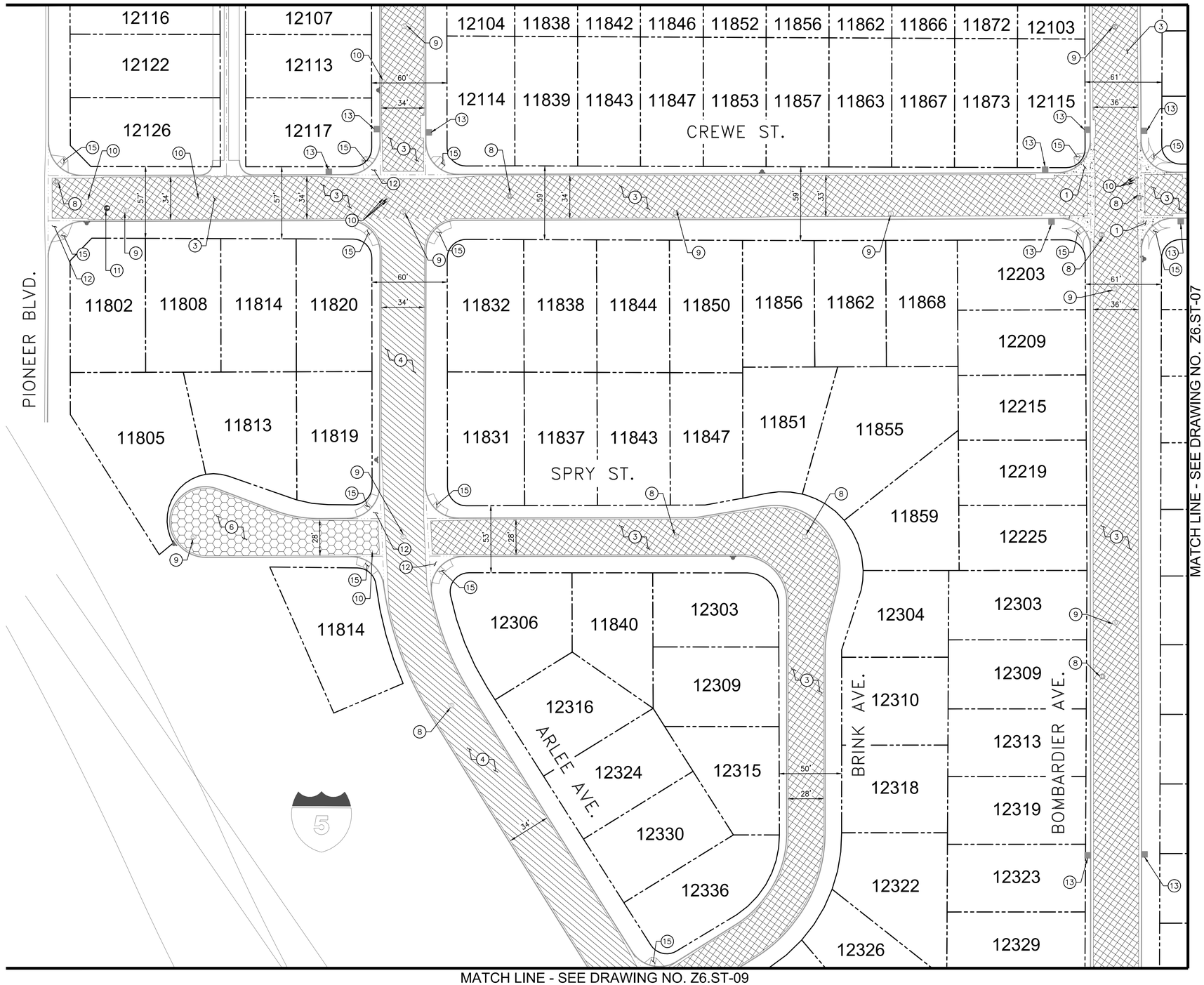
Recommended
PRINCIPAL CIVIL ENGINEER RCE 75709 2026-06-04 DATE

PROJECT NO. 7944

DRAWING NO. Z6.ST-05

Drawn By CB Checked By PW

SHEET 40 OF 62

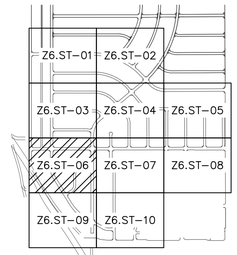


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engineering division

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PLAN REF.

CITY OF NORWALK
A Connected Community

TITLE:
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STREET IMPROVEMENT PLAN

Approved
CITY ENGINEER RCE 90882 2026-06-04 DATE

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PROJECT NO. 7944

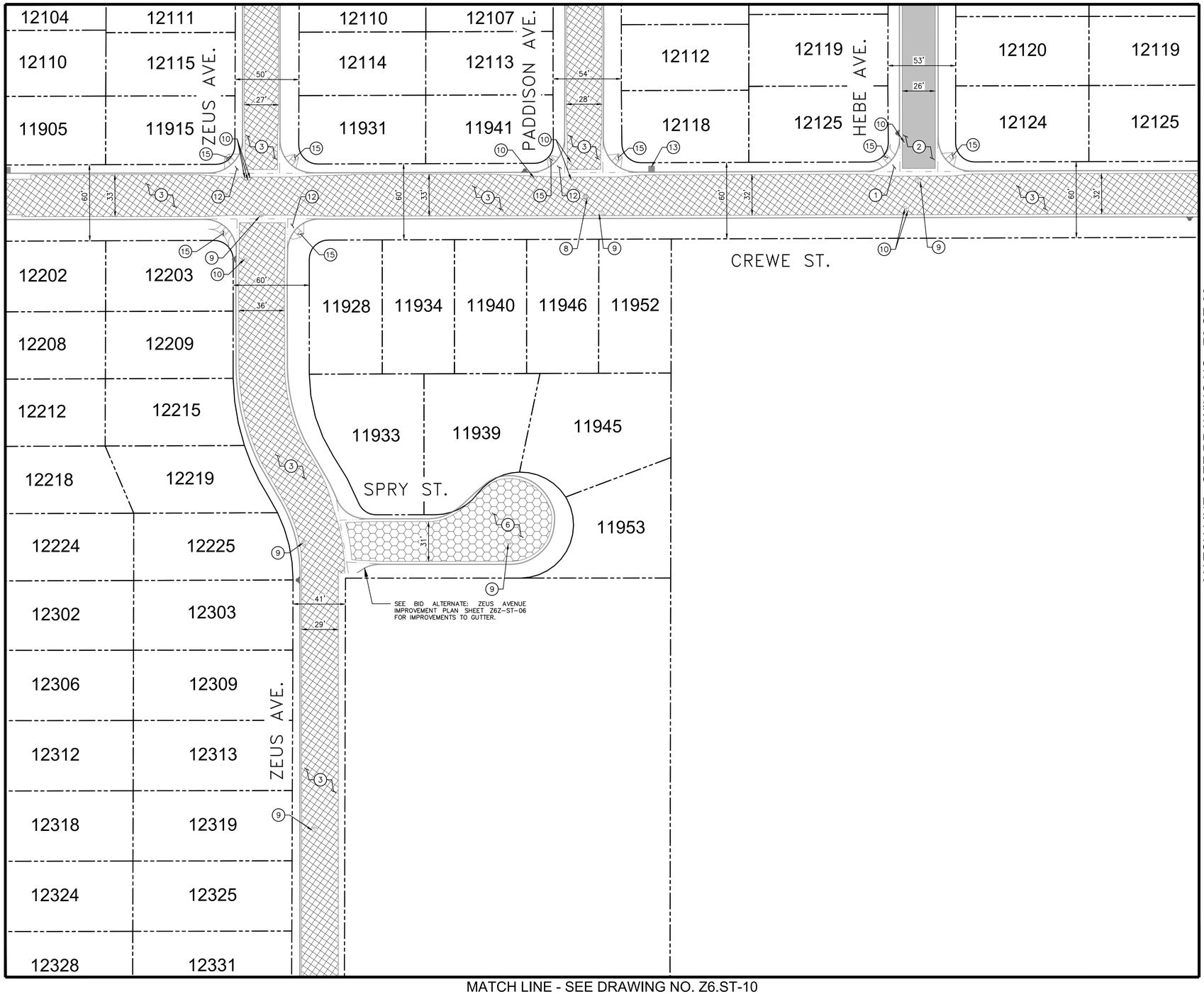
DRAWING NO. Z6.ST-06

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SHEET 41 OF 62

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MATCH LINE - SEE DRAWING NO. Z6.ST-04



MATCH LINE - SEE DRAWING NO. Z6.ST-06

MATCH LINE - SEE DRAWING NO. Z6.ST-08

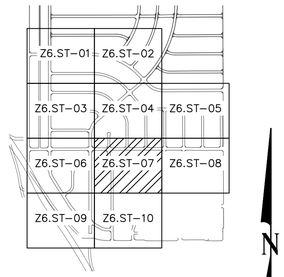
MATCH LINE - SEE DRAWING NO. Z6.ST-10

CONSTRUCTION NOTES

1. NOT USED.
2. CAPE SEAL.
3. GRIND AND OVERLAY EXISTING AC 1.5" AND CONSTRUCT NEW 1.5" AC (ARHM-GG-C) PAVEMENT.
4. TYPE II SLURRY SEAL.
5. REMOVE (E) AC PAVEMENT AND CONSTRUCT NEW AC PAVEMENT. PAVEMENT SECTION SHALL MATCH EXISITNG. MINIMUM PAVEMENT SECTION SHALL BE 4" AC (ARHM-GG-C) OVER 7" AB (B-PG64-10) OVER 12" SUBGRADE (95% COMPACTION)
6. GRIND EXISTING AC 1.5" AND OVERLAY NEW 1.5" AC (C2-PG64-10) PAVEMENT. SEE GENERAL NOTE NUMBER 5 AND 6.
7. CONCRETE ALLEYWAY PER SEPARATE PACKAGE.
8. ADJUST STORM DRAIN MANHOLE COVER TO FINISH GRADE.
9. ADJUST SEWER MANHOLE COVER TO FINISH GRADE.
10. ADJUST DOMESTIC WATER VALVE COVER TO FINISH GRADE.
11. ADJUST ELECTRICAL MANHOLE COVER TO FINISH GRADE.
12. PROTECT EXISTING CONCRETE GUTTER IN PLACE.
13. PROTECT EXISTING CATCH BASIN IN PLACE.
14. PROTECT EXISTING PAVEMENT.
15. PROTECT EXISTING CURB RAMP.

GENERAL NOTES

1. RIGHT OF WAY LINES SHOWN ON STREET IMPROVEMENT PLANS ARE TAKEN FROM PUBLICLY AVAILABLE LA COUNTY GEOGRAPHIC INFORMATION SYSTEMS (GIS) RECORDS.
2. CONTRACTOR SHALL MICROMILL EXISTING OUTER 2' OF AC PAVEMENT ALONG THE EDGE OF GUTTER LIP PRIOR TO INSTALLATION OF NEW PAVEMENT SEALS. SKIN PATCH AS NEEDED.
3. CONTRACTOR SHALL COORDINATE WITH THE CITY OF NORWALK FOR FINAL LIMITS OF ALL FULL DEPTH ASPHALT REPLACEMENT PRIOR TO CONSTRUCTION.
4. CONTRACTOR SHALL PROTECT IN PLACE ALL CURB AND GUTTERS ADJACENT TO PROPOSED ROAD WORK UNLESS OTHERWISE NOTED.
5. CONTRACTOR SHALL USE HOT MIX ASPHALT C2-PG64-10 FOR ASPHALT PAVEMENT IN CUL-DE-SAC AREAS.
6. GRIND AND OVERLAY FOR BOMBARDIER AVE SHALL BE 3".
7. CONTRACTOR SHALL COORDINATE WITH THE CITY'S ARBORIST AND CONFIRM LOCATIONS PRIOR TO ROOT REMOVAL AND/OR TREE TRIMMING.



KEY MAP
SCALE: NTS

N

SCALE: 1" = 40 FEET
0 20 40 80

100% SUBMITTAL

PLANS PREPARED BY:
Kimley»Horn
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Tel (213) 261-4040

REGISTERED PROFESSIONAL ENGINEER
SRIKANTH CHAKRAVARTHY
No. 73629
CIVIL
STATE OF CALIFORNIA

Prepared Under the Supervision of:
SRIKANTH CHAKRAVARTHY, P.E. RCE 73629
6/5/2026
DATE

engineering division

REVISIONS

DATE	BY

FIELD BOOK REF.

PLAN REF.

CITY OF NORWALK
A Connected Community

TITLE:
ZONE 6
STREET IMPROVEMENT PLAN

Approved
CITY ENGINEER RCE 90882 2026-06-04 DATE

Recommended
PRINCIPAL CIVIL ENGINEER RCE 75709 2026-06-04 DATE

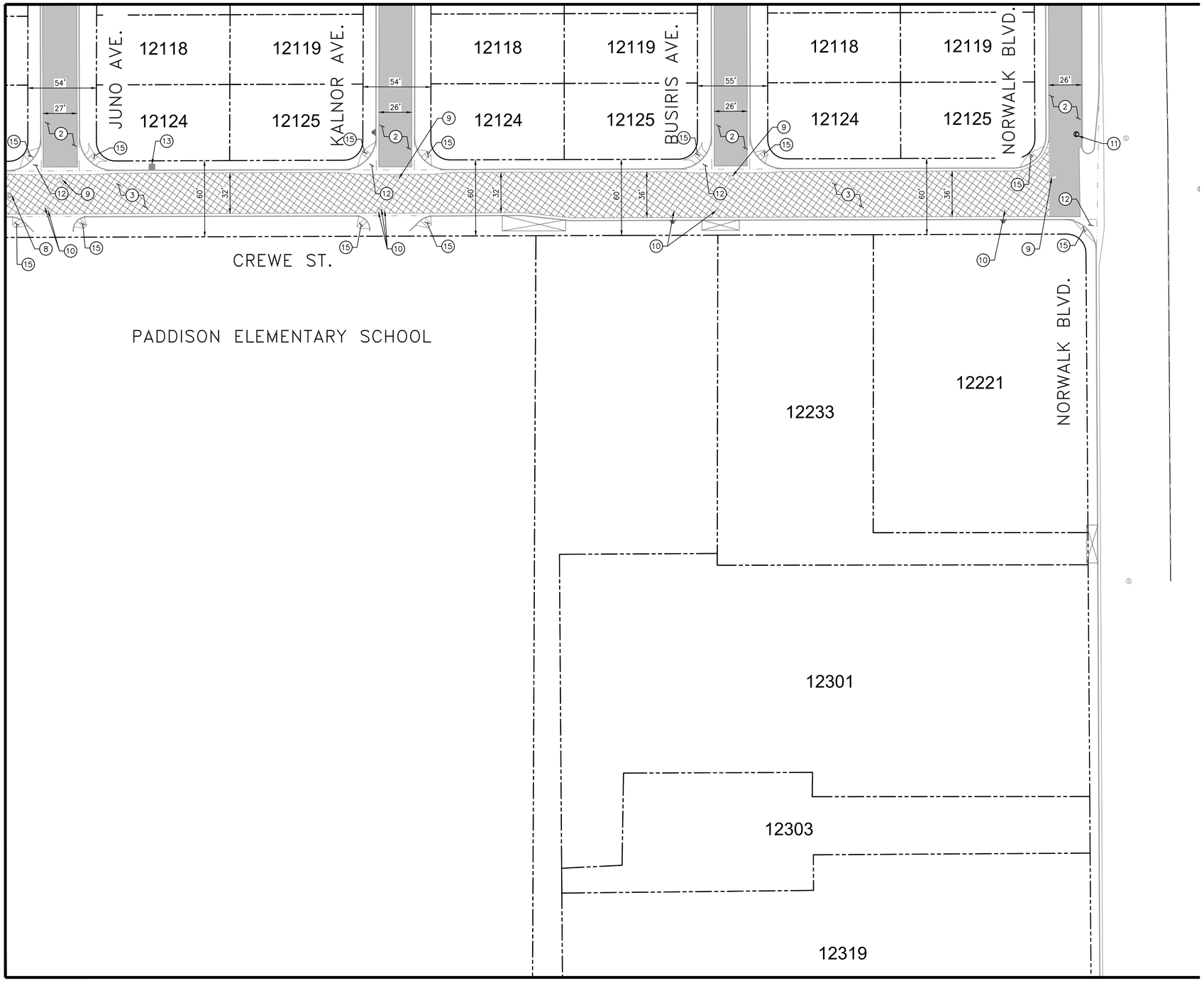
PROJECT NO.
7944

DRAWING NO.
Z6.ST-07

Drawn By CB Checked By PW

SHEET 42 OF 62

\\LDTFP01\CA_LDT\LDT_TPTO\099701006 - NORWALK PAVEMENT REHAB ZONES 5 6 30\DESIGN\CADD\CURRENTS\6 ST-ZONE06.DWG LAST SAVED BY: EDUARDO.ARGUELLES 2026-06-05

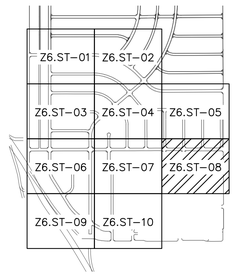


CONSTRUCTION NOTES

1. NOT USED.
2. CAPE SEAL.
3. GRIND AND OVERLAY EXISTING AC 1.5" AND CONSTRUCT NEW 1.5" AC (ARHM-GG-C) PAVEMENT.
4. TYPE II SLURRY SEAL.
5. REMOVE (E) AC PAVEMENT AND CONSTRUCT NEW AC PAVEMENT. PAVEMENT SECTION SHALL MATCH EXISITNG. MINIMUM PAVEMENT SECTION SHALL BE 4" AC (ARHM-GG-C) OVER 7" AB (B-PG64-10) OVER 12" SUBGRADE (95% COMPACTION)
6. GRIND EXISTING AC 1.5" AND OVERLAY NEW 1.5" AC (C2-PG64-10) PAVEMENT. SEE GENERAL NOTE NUMBER 5 AND 6.
7. CONCRETE ALLEYWAY PER SEPARATE PACKAGE.
8. ADJUST STORM DRAIN MANHOLE COVER TO FINISH GRADE.
9. ADJUST SEWER MANHOLE COVER TO FINISH GRADE.
10. ADJUST DOMESTIC WATER VALVE COVER TO FINISH GRADE.
11. ADJUST ELECTRICAL MANHOLE COVER TO FINISH GRADE.
12. PROTECT EXISTING CONCRETE GUTTER IN PLACE.
13. PROTECT EXISTING CATCH BASIN IN PLACE.
14. PROTECT EXISTING PAVEMENT.
15. PROTECT EXISTING CURB RAMP.

GENERAL NOTES

1. RIGHT OF WAY LINES SHOWN ON STREET IMPROVEMENT PLANS ARE TAKEN FROM PUBLICLY AVAILABLE LA COUNTY GEOGRAPHIC INFORMATION SYSTEMS (GIS) RECORDS.
2. CONTRACTOR SHALL MICROMILL EXISTING OUTER 2' OF AC PAVEMENT ALONG THE EDGE OF GUTTER LIP PRIOR TO INSTALLATION OF NEW PAVEMENT SEALS. SKIN PATCH AS NEEDED.
3. CONTRACTOR SHALL COORDINATE WITH THE CITY OF NORWALK FOR FINAL LIMITS OF ALL FULL DEPTH ASPHALT REPLACEMENT PRIOR TO CONSTRUCTION.
4. CONTRACTOR SHALL PROTECT IN PLACE ALL CURB AND GUTTERS ADJACENT TO PROPOSED ROAD WORK UNLESS OTHERWISE NOTED.
5. CONTRACTOR SHALL USE HOT MIX ASPHALT C2-PG64-10 FOR ASPHALT PAVEMENT IN CUL-DE-SAC AREAS.
6. GRIND AND OVERLAY FOR BOMBARDIER AVE SHALL BE 3".
7. CONTRACTOR SHALL COORDINATE WITH THE CITY'S ARBORIST AND CONFIRM LOCATIONS PRIOR TO ROOT REMOVAL AND/OR TREE TRIMMING.



KEY MAP
SCALE: NTS

N

SCALE: 1" = 40 FEET
0 20 40 80

100% SUBMITTAL

PLANS PREPARED BY:
Kimley»Horn
© 2026 KIMLEY-HORN AND ASSOCIATES, INC.
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Los Angeles, California 90017
Tel (213) 261-4040

REGISTERED PROFESSIONAL ENGINEER
SRIKANTH CHAKRAVARTHY
No. C73629
CIVIL
STATE OF CALIFORNIA

Prepared Under the Supervision of:
SRIKANTH CHAKRAVARTHY, P.E. RCE 73629
6/5/2026
DATE

engineering division
REVISIONS

DATE	BY	

FIELD BOOK REF.
PLAN REF.

CITY OF NORWALK
A Connected Community

TITLE:
ZONE 6
STREET IMPROVEMENT PLAN

Approved
CITY ENGINEER RCE 90882 2026-06-04 DATE

Recommended
PRINCIPAL CIVIL ENGINEER RCE 75709 2026-06-04 DATE

PROJECT NO.
7944

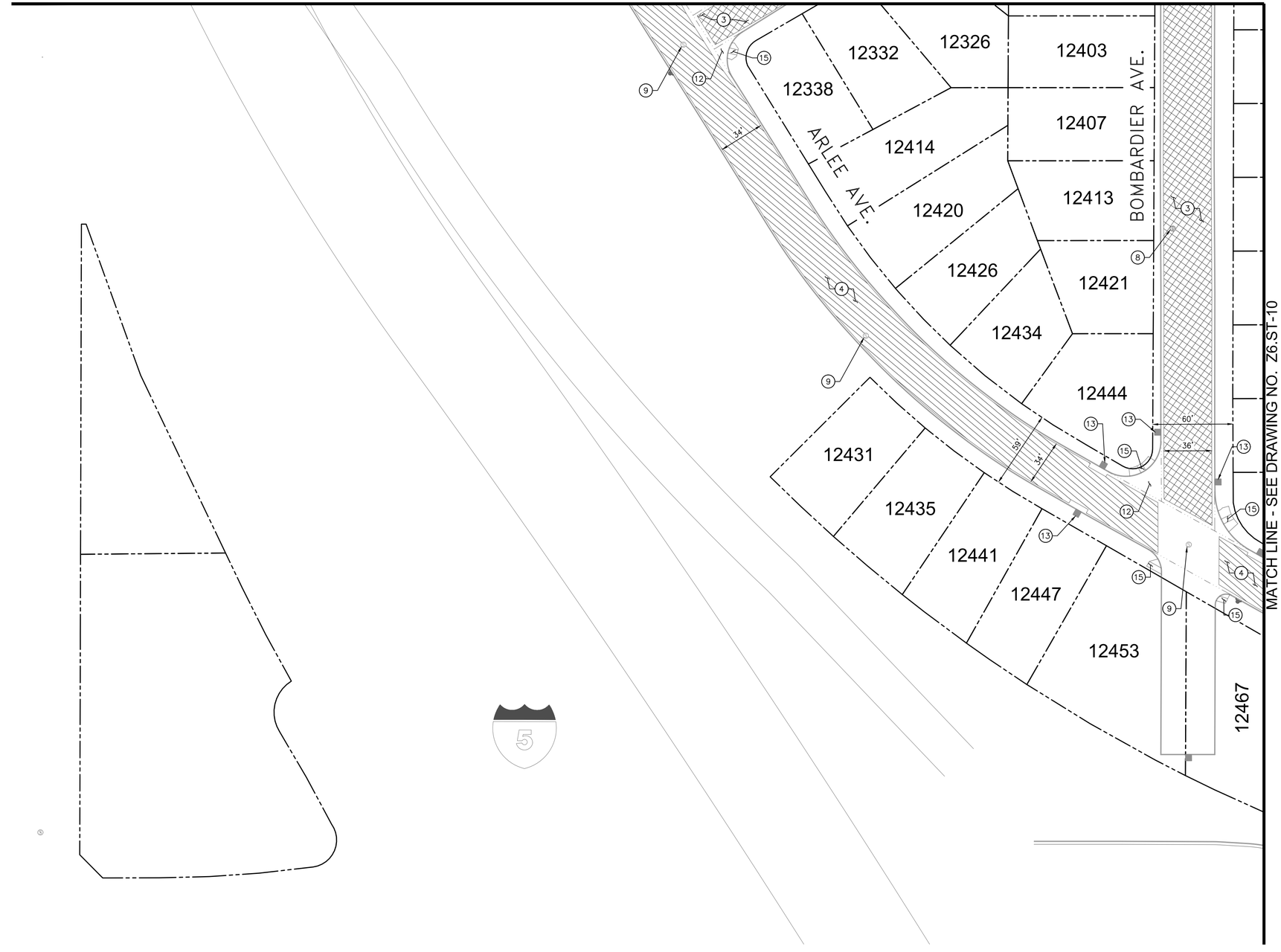
DRAWING NO.
Z6.ST-08

Drawn By CB Checked By PW

SHEET 43 OF 62

\\LDTFP01\CA_LDT\LDT_TPTO\099701006 - NORWALK PAVEMENT REHAB ZONES 5 6 30\DESIGN\CADD\CURRENTS\6 ST-ZONE06.DWG LAST SAVED BY: EDUARDO.ARGUELLES 2026-06-05

MATCH LINE - SEE DRAWING NO. Z6.ST-06

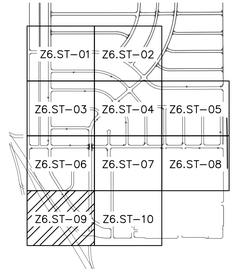


CONSTRUCTION NOTES

1. NOT USED.
2. CAPE SEAL.
3. GRIND AND OVERLAY EXISTING AC 1.5" AND CONSTRUCT NEW 1.5" AC (ARHM-GG-C) PAVEMENT.
4. TYPE II SLURRY SEAL.
5. REMOVE (E) AC PAVEMENT AND CONSTRUCT NEW AC PAVEMENT. PAVEMENT SECTION SHALL MATCH EXISITNG. MINIMUM PAVEMENT SECTION SHALL BE 4" AC (ARHM-GG-C) OVER 7" AB (B-PG64-10) OVER 12" SUBGRADE (95% COMPACTION)
6. GRIND EXISTING AC 1.5" AND OVERLAY NEW 1.5" AC (C2-PG64-10) PAVEMENT. SEE GENERAL NOTE NUMBER 5 AND 6.
7. CONCRETE ALLEYWAY PER SEPARATE PACKAGE.
8. ADJUST STORM DRAIN MANHOLE COVER TO FINISH GRADE.
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12. PROTECT EXISTING CONCRETE GUTTER IN PLACE.
13. PROTECT EXISTING CATCH BASIN IN PLACE.
14. PROTECT EXISTING PAVEMENT.
15. PROTECT EXISTING CURB RAMP.

GENERAL NOTES

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2. CONTRACTOR SHALL MICROMILL EXISTING OUTER 2' OF AC PAVEMENT ALONG THE EDGE OF GUTTER LIP PRIOR TO INSTALLATION OF NEW PAVEMENT SEALS. SKIN PATCH AS NEEDED.
3. CONTRACTOR SHALL COORDINATE WITH THE CITY OF NORWALK FOR FINAL LIMITS OF ALL FULL DEPTH ASPHALT REPLACEMENT PRIOR TO CONSTRUCTION.
4. CONTRACTOR SHALL PROTECT IN PLACE ALL CURB AND GUTTERS ADJACENT TO PROPOSED ROAD WORK UNLESS OTHERWISE NOTED.
5. CONTRACTOR SHALL USE HOT MIX ASPHALT C2-PG64-10 FOR ASPHALT PAVEMENT IN CUL-DE-SAC AREAS.
6. GRIND AND OVERLAY FOR BOMBARDIER AVE SHALL BE 3".
7. CONTRACTOR SHALL COORDINATE WITH THE CITY'S ARBORIST AND CONFIRM LOCATIONS PRIOR TO ROOT REMOVAL AND/OR TREE TRIMMING.



KEY MAP
SCALE: NTS

N

SCALE: 1" = 40 FEET
0 20 40 80

100% SUBMITTAL

REGISTERED PROFESSIONAL ENGINEER
SRIKANTH CHAKRAVARTHY
No. C73629
CIVIL
STATE OF CALIFORNIA

PLANS PREPARED BY:
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Los Angeles, California 90017
Tel (213) 261-4040

Prepared Under the Supervision of:
SRIKANTH CHAKRAVARTHY, P.E. RCE 73629
6/5/2026
DATE

engineering division

REVISIONS

DATE	BY	

FIELD BOOK REF.

PLAN REF.

CITY OF NORWALK
A Connected Community

TITLE:
ZONE 6
STREET IMPROVEMENT PLAN

Approved
CITY ENGINEER RCE 90882 2026-06-04 DATE

Recommended
PRINCIPAL CIVIL ENGINEER RCE 75709 2026-06-04 DATE

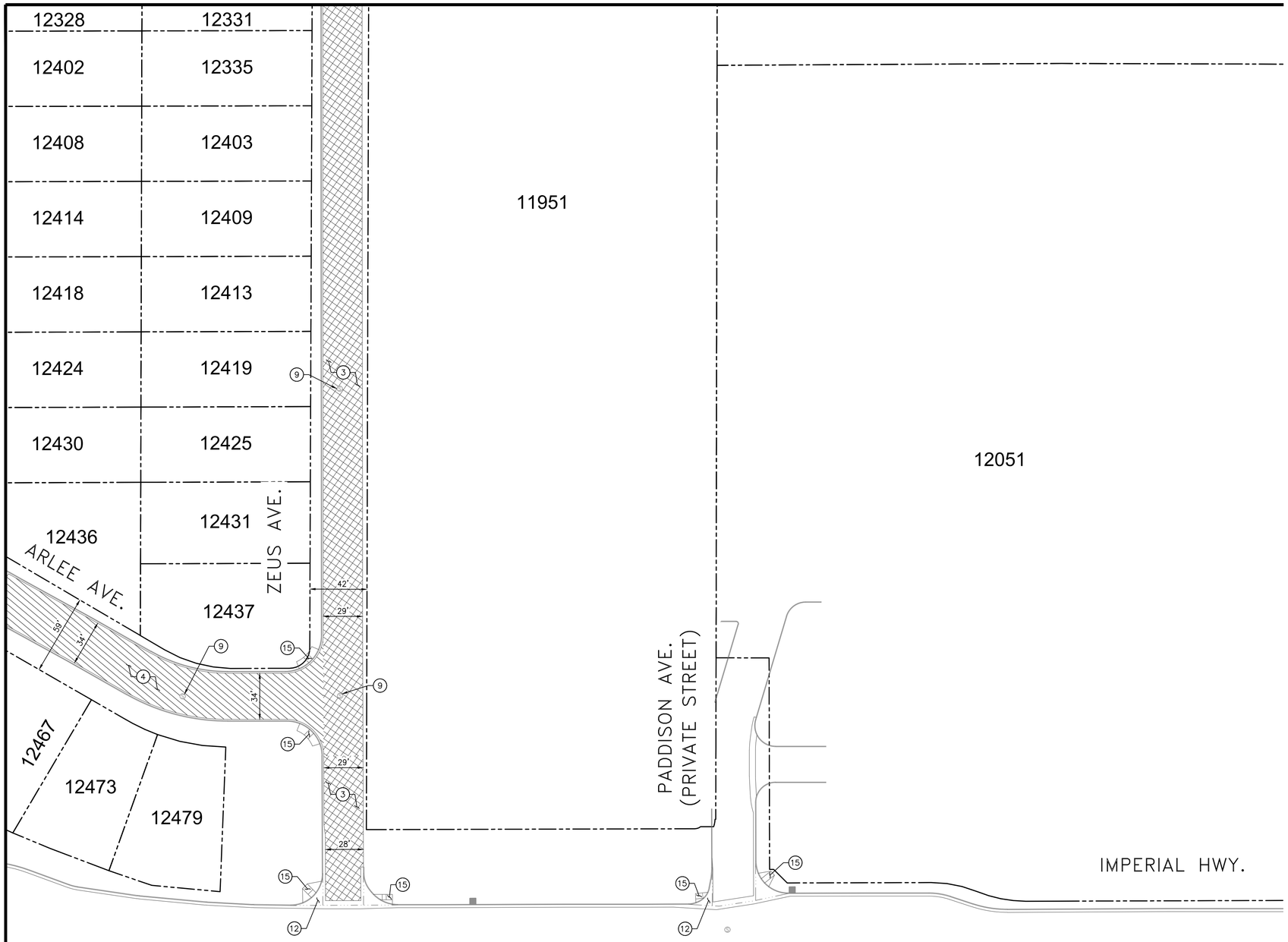
PROJECT NO.
7944

DRAWING NO.
Z6.ST-09

Drawn By CB Checked By PW

SHEET 44 OF 62

\\LDTFP01\CA_LDT\LDT_TPTO\099701006 - NORWALK PAVEMENT REHAB ZONES 5 6 30\DESIGN\CADD\CURRENTS\6 ST-ZONE06.DWG LAST SAVED BY: EDUARDO.ARGUELLES 2026-06-05

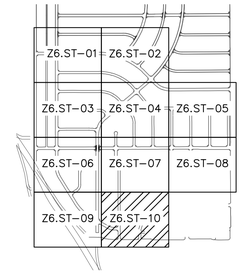


CONSTRUCTION NOTES

1. NOT USED.
2. CAPE SEAL.
3. GRIND AND OVERLAY EXISTING AC 1.5" AND CONSTRUCT NEW 1.5" AC (ARHM–GG–C) PAVEMENT.
4. TYPE II SLURRY SEAL.
5. REMOVE (E) AC PAVEMENT AND CONSTRUCT NEW AC PAVEMENT. PAVEMENT SECTION SHALL MATCH EXISITNG. MINIMUM PAVEMENT SECTION SHALL BE 4" AC (ARHM–GG–C) OVER 7" AB (B–PG64–10) OVER 12" SUBGRADE (95% COMPACTION)
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7. CONCRETE ALLEYWAY PER SEPARATE PACKAGE.
8. ADJUST STORM DRAIN MANHOLE COVER TO FINISH GRADE.
9. ADJUST SEWER MANHOLE COVER TO FINISH GRADE.
10. ADJUST DOMESTIC WATER VALVE COVER TO FINISH GRADE.
11. ADJUST ELECTRICAL MANHOLE COVER TO FINISH GRADE.
12. PROTECT EXISTING CONCRETE GUTTER IN PLACE.
13. PROTECT EXISTING CATCH BASIN IN PLACE.
14. PROTECT EXISTING PAVEMENT.
15. PROTECT EXISTING CURB RAMP.

GENERAL NOTES

1. RIGHT OF WAY LINES SHOWN ON STREET IMPROVEMENT PLANS ARE TAKEN FROM PUBLICLY AVAILABLE LA COUNTY GEOGRAPHIC INFORMATION SYSTEMS (GIS) RECORDS.
2. CONTRACTOR SHALL MICROMILL EXISTING OUTER 2' OF AC PAVEMENT ALONG THE EDGE OF GUTTER LIP PRIOR TO INSTALLATION OF NEW PAVEMENT SEALS. SKIN PATCH AS NEEDED.
3. CONTRACTOR SHALL COORDINATE WITH THE CITY OF NORWALK FOR FINAL LIMITS OF ALL FULL DEPTH ASPHALT REPLACEMENT PRIOR TO CONSTRUCTION.
4. CONTRACTOR SHALL PROTECT IN PLACE ALL CURB AND GUTTERS ADJACENT TO PROPOSED ROAD WORK UNLESS OTHERWISE NOTED.
5. CONTRACTOR SHALL USE HOT MIX ASPHALT C2–PG64–10 FOR ASPHALT PAVEMENT IN CUL–DE–SAC AREAS.
6. GRIND AND OVERLAY FOR BOMBARDIER AVE SHALL BE 3".
7. CONTRACTOR SHALL COORDINATE WITH THE CITY'S ARBORIST AND CONFIRM LOCATIONS PRIOR TO ROOT REMOVAL AND/OR TREE TRIMMING.



KEY MAP
SCALE: NTS

100% SUBMITTAL

N

SCALE: 1" = 40 FEET
0 20 40 80

REGISTERED PROFESSIONAL ENGINEER
SRIKANTH CHAKRAVARTHY
No. 73629
CIVIL
STATE OF CALIFORNIA

PLANS PREPARED BY:
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Tel (213) 261–4040

Prepared Under the Supervision of:
SRIKANTH CHAKRAVARTHY, P.E. RCE 73629
6/5/2026
DATE

engineering division

REVISIONS

DATE	BY

FIELD BOOK REF.
PLAN REF.

CITY OF NORWALK
A Connected Community

TITLE:
ZONE 6
STREET IMPROVEMENT PLAN

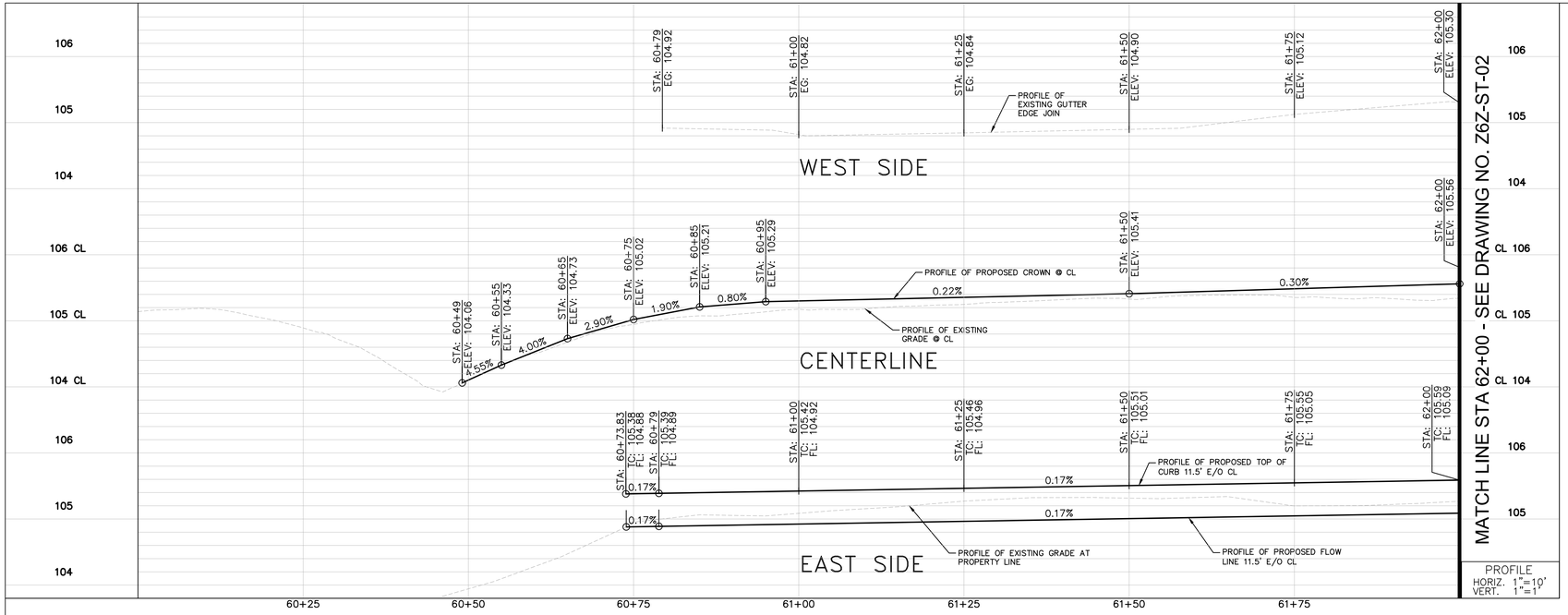
Approved
CITY ENGINEER RCE 90882 2026-06-04 DATE

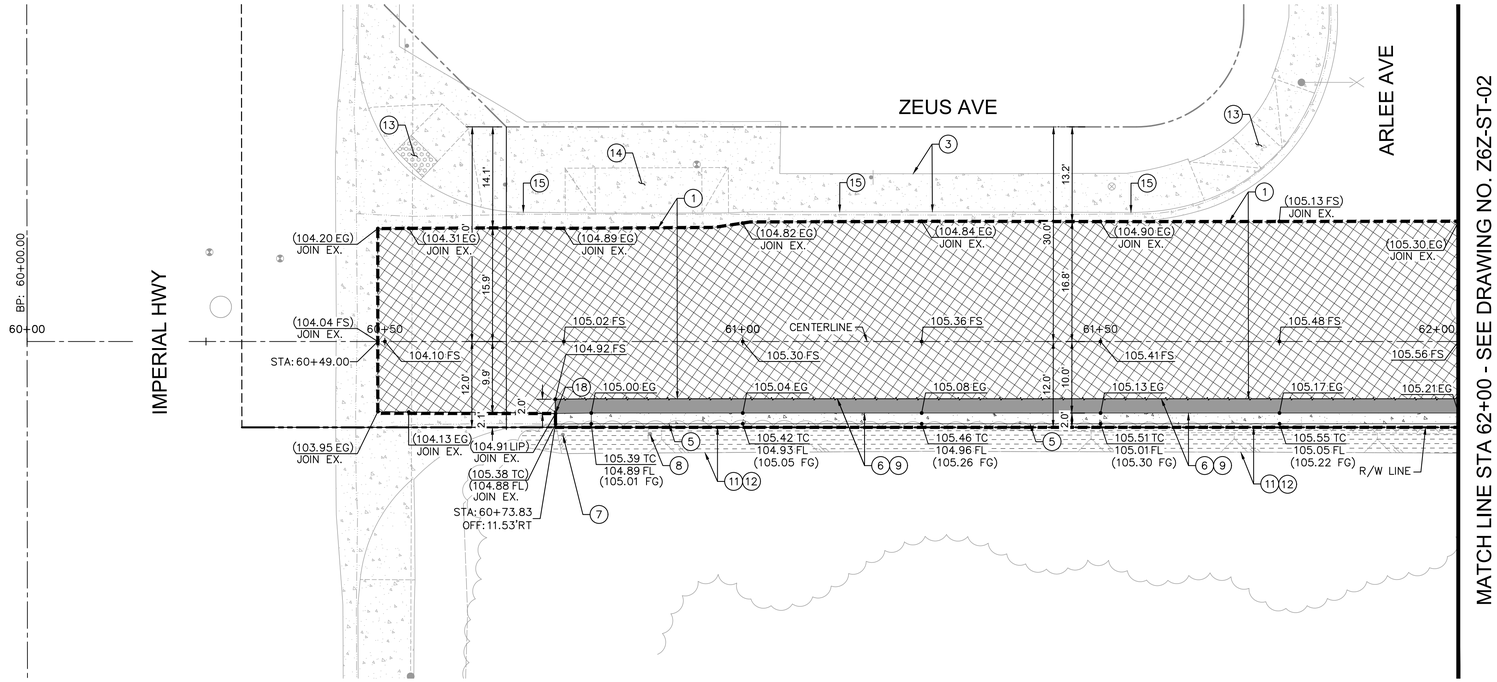
Recommended
PRINCIPAL CIVIL ENGINEER RCE 75709 2026-06-04 DATE

PROJECT NO. 7944
DRAWING NO. Z6.ST-10

Drawn By CB Checked By PW
SHEET 45 OF 62

K:\LDT_TPTO\099701006 – NORWALK PAVEMENT REHAB ZONES 5 6 30\DESIGN\CADD\CURRENTS\6 ST–ZONE06.DWG LAST SAVED BY: EDUARDO.ARGUELLES 2026–06–05





MATCH LINE STA 62+00 - SEE DRAWING NO. Z6Z-ST-02

CONSTRUCTION NOTES

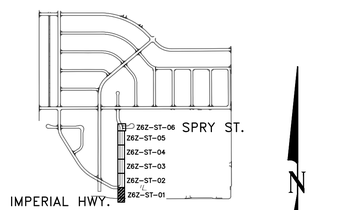
1. GRIND EXISTING AC 1.5" AND OVERLAY VARIABLE AC (ARHM-GG-C) PAVEMENT. (MIN 1.5")
2. ADJUST SEWER MANHOLE TO FINISH GRADE.
3. PROTECT EXISTING SIDEWALK.
4. BID ALTERNATE: SAWCUT AND REMOVE EXISTING SIDEWALK.
5. BID ALTERNATE: CONSTRUCT CURB AND GUTTER TYPE A2 PER CITY OF NORWALK STD PLAN 105.
6. BID ALTERNATE: SAWCUT AND REMOVE EXISTING AC PAVEMENT.
7. PROTECT-IN-PLACE EXISTING 2" POST.
8. PROTECT-IN-PLACE EXISTING CODE SIGN.
9. BID ALTERNATE: CONSTRUCT FULL DEPTH AC PAVEMENT. SEE TYPICAL SECTION ON SHEET Z6Z-ST-06 FOR RECOMMENDED PAVEMENT SECTION.
10. BID ALTERNATE: CONSTRUCT 4" SIDEWALK PER CITY OF NORWALK STD. PLAN 104.
11. BID ALTERNATE: REMOVE EXISTING AC PAVEMENT AND AC BERM BETWEEN EXISTING PROPERTY LINE AND EXISTING FENCE. SEE GENERAL NOTE 3.
12. BID ALTERNATE: INSTALL GRADED FILL BETWEEN EXISTING PROPERTY LINE AND EXISTING FENCE. GRADED FILL DIRT SHALL HAVE POSITIVE SLOPE FROM EXISTING FENCE TO 3" BELOW TOP OF PROPOSED CURB. SEE GENERAL NOTE 3.
13. PROTECT-IN-PLACE EXISTING CURB RAMP.
14. PROTECT-IN-PLACE EXISTING DRIVEWAY.
15. PROTECT-IN-PLACE EXISTING CURB AND GUTTER.
16. BID ALTERNATE: CONSTRUCT MODIFIED DRIVEWAY PER CITY OF NORWALK STD. PLAN 101A (TYPE R1, W=10', X=4', Y=VARIES).
17. NOT USED.
18. BID ALTERNATE: JOIN CURB AND GUTTER TO EXISTING PER CITY OF NORWALK STD. PLAN 105R.
19. PROTECT-IN-PLACE EXISTING SEWER MANHOLE.

GENERAL NOTES

1. CONTRACTOR SHALL PROTECT IN PLACE ALL EXISTING STRUCTURES, PAVEMENT AND UTILITIES OUTSIDE OF PROJECT LIMITS UNLESS OTHERWISE NOTED.
2. CONTRACTOR SHALL REFER TO SURVEYS PERFORMED BY THIENES ENGINEERING DATED MARCH 10, 2026 AND MARCH 10, 2026 FOR CENTERLINE ALIGNMENT.
3. CONTRACTOR SHALL COORDINATE WITH THE CITY OF NORWALK FOR ALL WORK WITHIN PRIVATE PROPERTY ALONG ZEUS AVE. CONTRACTOR SHALL SCHEDULE AND CONDUCT A PRECONSTRUCTION SITE WALK WITH THE CITY OF NORWALK TO DETERMINE THE FINAL SCOPE OF WORK, PROPOSED AND REMOVAL, WITHIN PRIVATE PROPERTY.

LEGEND

- PROPOSED GRIND AND OVERLAY
- BID ALT: PROPOSED FULL DEPTH AC PAVEMENT
- BID ALT: PROPOSED GRADED FILL
- BID ALT: PROPOSED CONCRETE IMPROVEMENTS
- PROPOSED LIMIT LINE
- RIGHT-OF-WAY LINE
- SAWCUT LINE
- GRIND AND OVERLAY LINE
- EXISTING CHAIN LINK FENCE
- CENTER LINE



KEY MAP
SCALE: NTS

SCALE: 1" = 10 FEET
0 5 10 20

CONCRETE AND ASSOCIATED WORK SHOWN ON THIS SHEET AS BID ALTERNATES

REGISTERED PROFESSIONAL ENGINEER
SRIKANTH CHAKRAVARTHY
No. C73629
CIVIL
STATE OF CALIFORNIA

PLANS PREPARED BY:
Kimley»Horn
© 2026 KIMLEY-HORN AND ASSOCIATES, INC.
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Tel (213) 261-4040

Prepared Under the Supervision of:
SRIKANTH CHAKRAVARTHY, P.E. RCE 73629
6/5/2026
DATE

engineering division
REVISIONS

DATE	BY

FIELD BOOK REF.
PLAN REF.

100% SUBMITTAL

CITY OF NORWALK
A Connected Community

TITLE: BID ALTERNATE: ZONE 6
ZEUS AVE STREET IMPROVEMENT

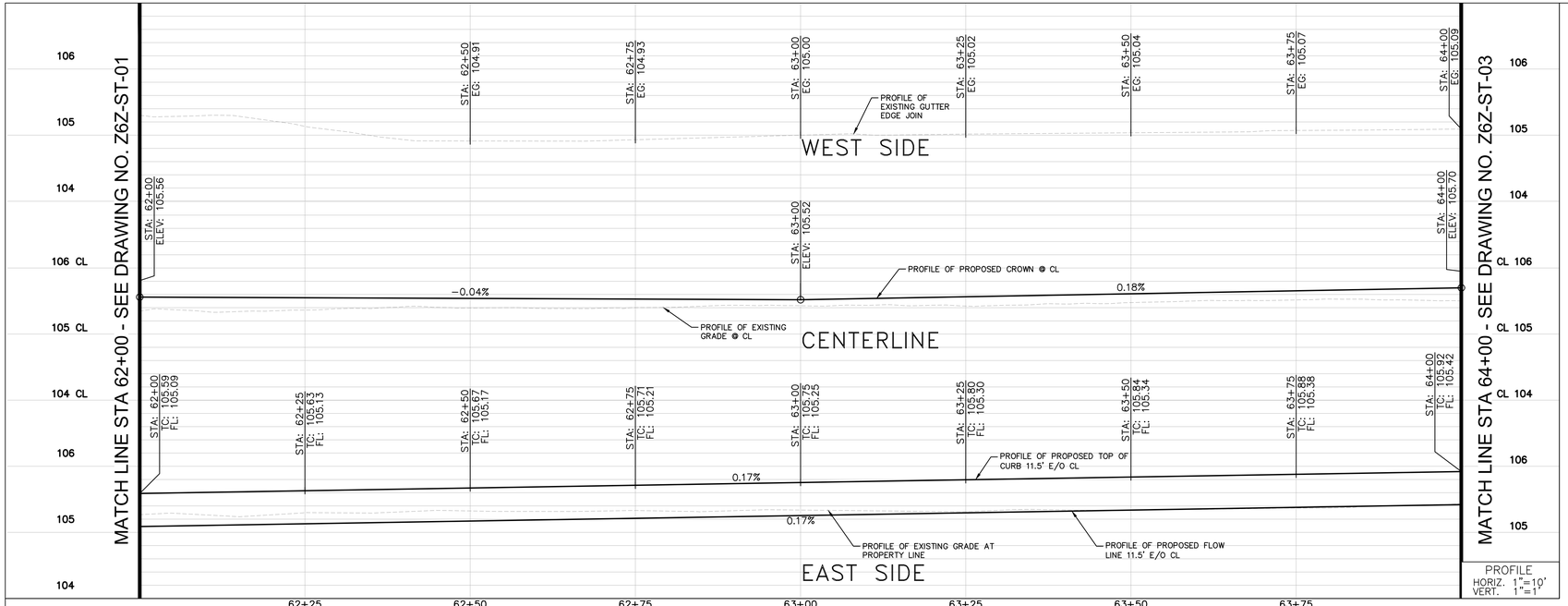
Approved
CITY ENGINEER RCE 90882 2026-06-04 DATE

Recommended
PRINCIPAL CIVIL ENGINEER RCE 75709 2026-06-04 DATE

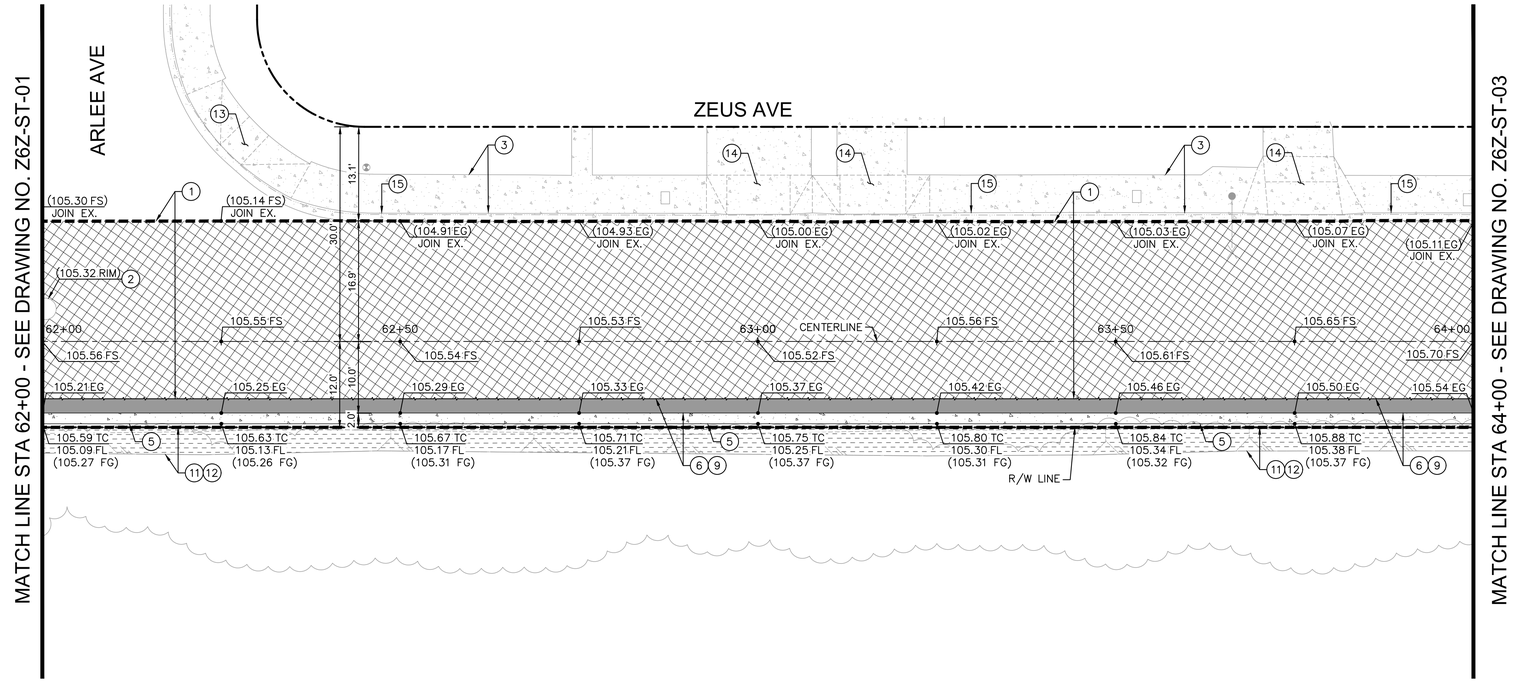
PROJECT NO. 7944
DRAWING NO. Z6Z-ST-01

Drawn By RW Checked By PW
SHEET 46 OF 62

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PROFILE
HORIZ. 1"=10'
VERT. 1"=1'



CONSTRUCTION NOTES

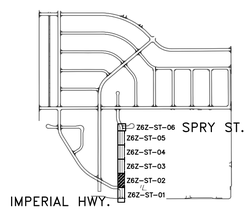
1. GRIND EXISTING AC 1.5" AND OVERLAY VARIABLE AC (ARHM-GG-C) PAVEMENT. (MIN 1.5")
2. ADJUST SEWER MANHOLE TO FINISH GRADE.
3. PROTECT EXISTING SIDEWALK.
4. BID ALTERNATE: SAWCUT AND REMOVE EXISTING SIDEWALK.
5. BID ALTERNATE: CONSTRUCT CURB AND GUTTER TYPE A2 PER CITY OF NORWALK STD PLAN 105.
6. BID ALTERNATE: SAWCUT AND REMOVE EXISTING AC PAVEMENT.
7. PROTECT-IN-PLACE EXISTING 2" POST.
8. PROTECT-IN-PLACE EXISTING CODE SIGN.
9. BID ALTERNATE: CONSTRUCT FULL DEPTH AC PAVEMENT. SEE TYPICAL SECTION ON SHEET Z6Z-ST-06 FOR RECOMMENDED PAVEMENT SECTION.
10. BID ALTERNATE: CONSTRUCT 4" SIDEWALK PER CITY OF NORWALK STD. PLAN 104.
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12. BID ALTERNATE: INSTALL GRADED FILL BETWEEN EXISTING PROPERTY LINE AND EXISTING FENCE. GRADED FILL DIRT SHALL HAVE POSITIVE SLOPE FROM EXISTING FENCE TO 3" BELOW TOP OF PROPOSED CURB. SEE GENERAL NOTE 3.
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15. PROTECT-IN-PLACE EXISTING CURB AND GUTTER.
16. BID ALTERNATE: CONSTRUCT MODIFIED DRIVEWAY PER CITY OF NORWALK STD. PLAN 101A (TYPE R1, W=10', X=4', Y=VARIES).
17. NOT USED.
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LEGEND

- PROPOSED GRIND AND OVERLAY
- BID ALT: PROPOSED FULL DEPTH AC PAVEMENT
- BID ALT: PROPOSED GRADED FILL
- BID ALT: PROPOSED CONCRETE IMPROVEMENTS
- PROPOSED LIMIT LINE
- RIGHT-OF-WAY LINE
- SAWCUT LINE
- GRIND AND OVERLAY LINE
- EXISTING CHAIN LINK FENCE
- CENTER LINE



KEY MAP
SCALE: NTS

SCALE: 1" = 10 FEET
0 5 10 20

CONCRETE AND ASSOCIATED WORK SHOWN ON THIS SHEET AS BID ALTERNATES

REGISTERED PROFESSIONAL ENGINEER SRIKANTH CHAKRAVARTHY No. C73629 CIVIL STATE OF CALIFORNIA

PLANS PREPARED BY:
Kimley»Horn
© 2026 KIMLEY-HORN AND ASSOCIATES, INC.
660 S. Figueroa Street, Suite 2050
Los Angeles, California 90017
Tel (213) 261-4040

Prepared Under the Supervision of:
SRIKANTH CHAKRAVARTHY, P.E. RCE 73629 — 6/5/2026 DATE

engineering division
REVISIONS

DATE	BY

FIELD BOOK REF.
PLAN REF.

100% SUBMITTAL

CITY OF NORWALK
A Connected Community

TITLE: BID ALTERNATE: ZONE 6
ZEUS AVE STREET IMPROVEMENT

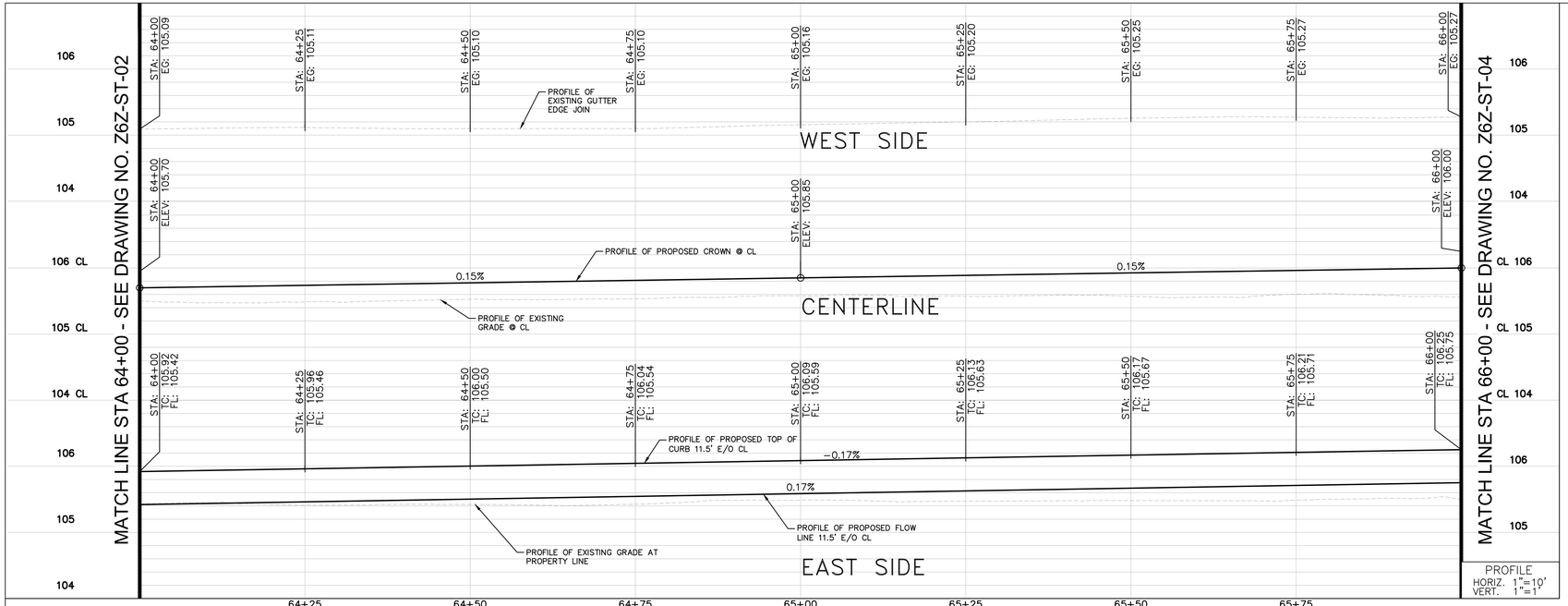
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CITY ENGINEER — RCE 90882 — 2026-06-04 DATE

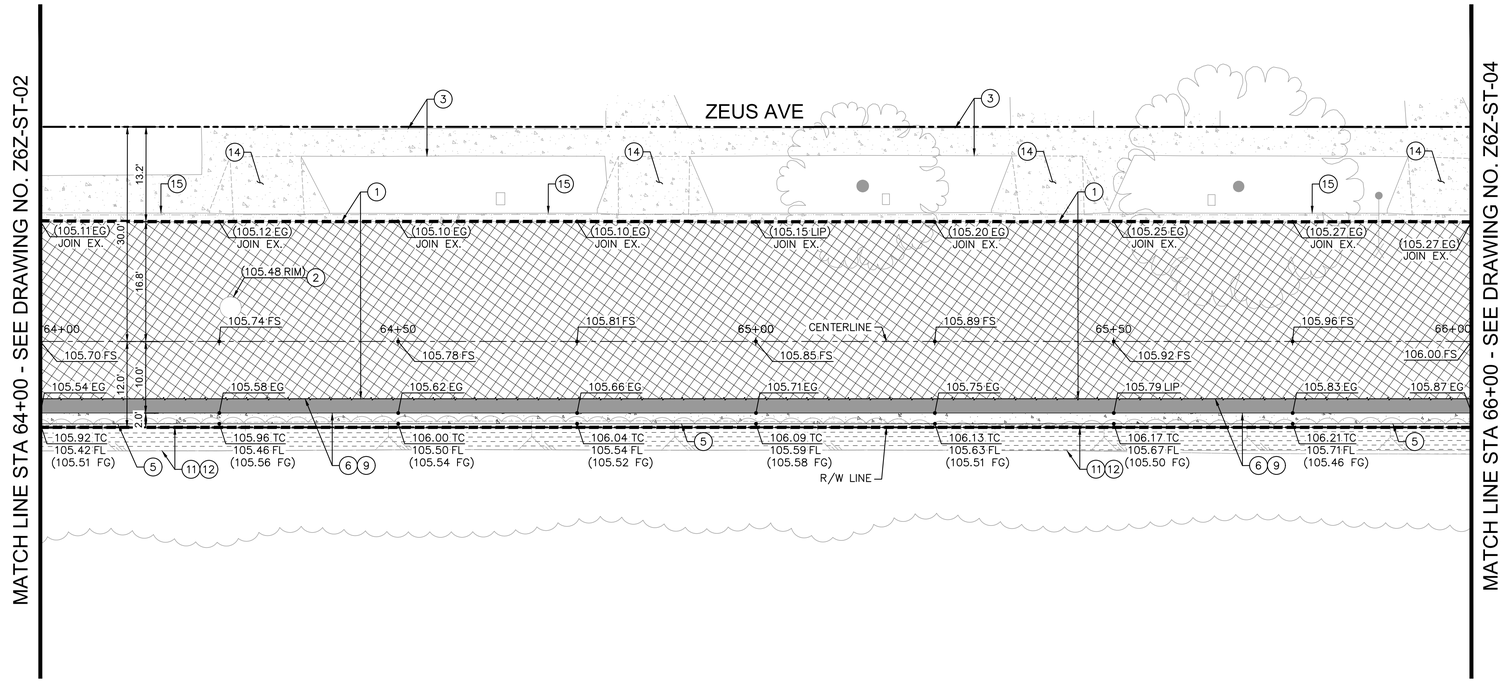
Recommended
PRINCIPAL CIVIL ENGINEER — RCE 75709 — 2026-06-04 DATE

PROJECT NO. 7944
DRAWING NO. Z6Z-ST-02

Drawn By RW Checked By PW
SHEET 47 OF 62

\\LDTFP01\CA_LDT\LDT_TPTO\099701006 - NORWALK PAVEMENT REHAB ZONES 5 6 30\DESIGN\CADD\CURRENTS\6 ST-ZEUS.DWG LAST SAVED BY: EDUARDO.ARGUELLES 2026-06-05





CONSTRUCTION NOTES

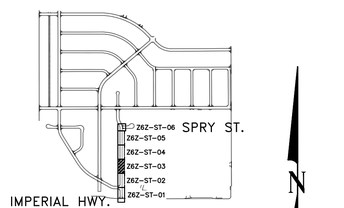
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PLANS PREPARED BY:
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PLAN REF.

CITY OF NORWALK
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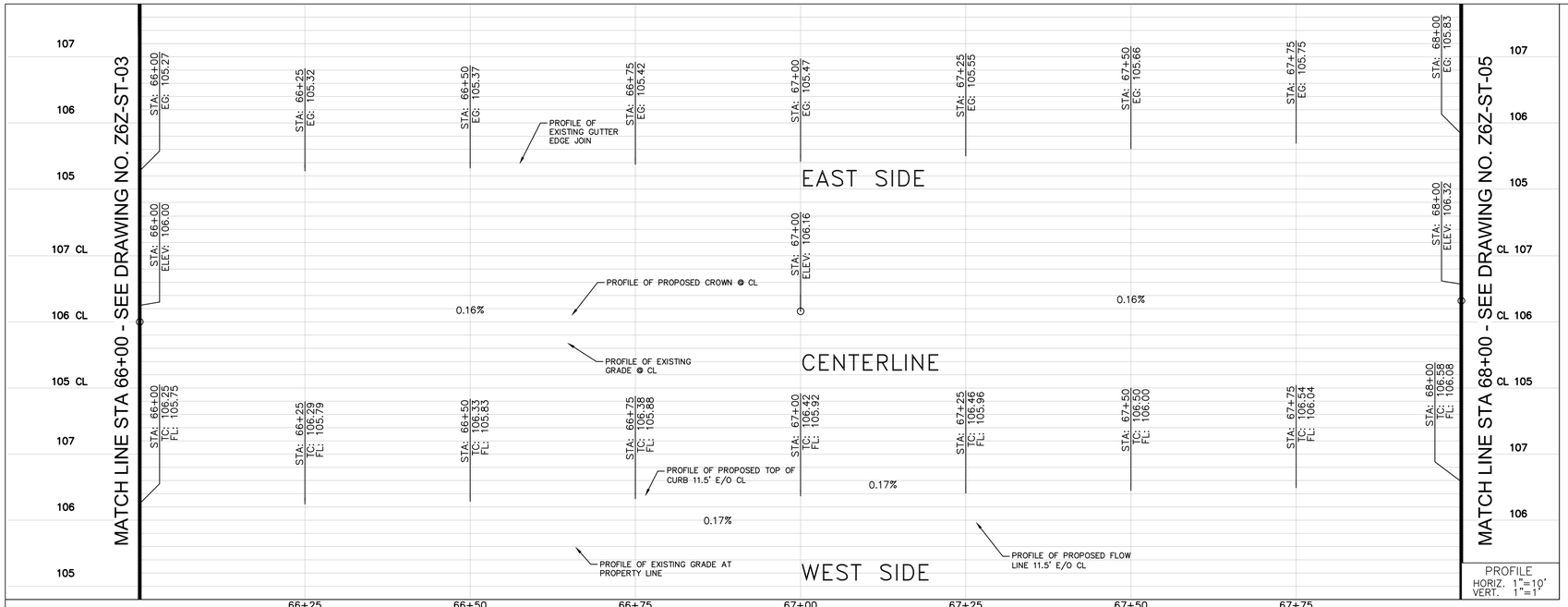
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CITY ENGINEER RCE 90882 2026-06-04 DATE

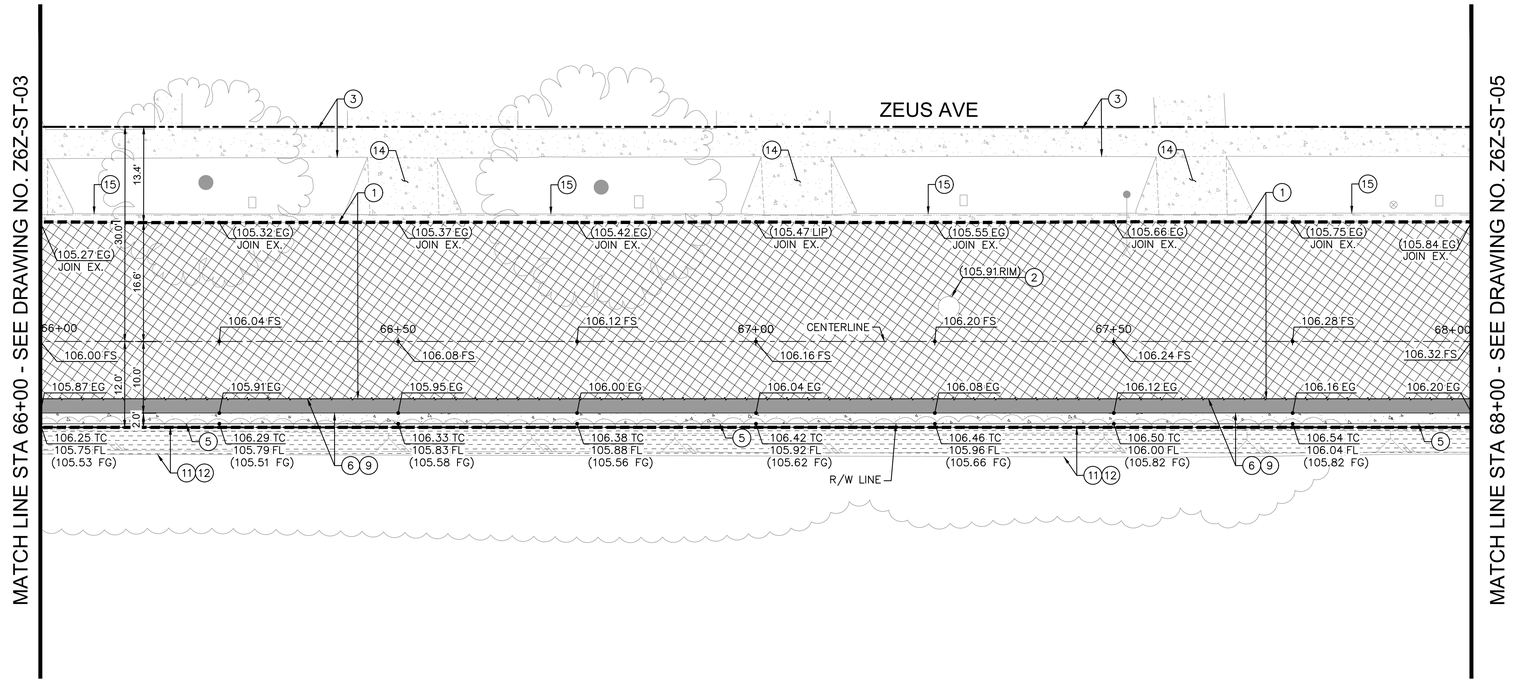
Recommended
PRINCIPAL CIVIL ENGINEER RCE 75709 2026-06-04 DATE

PROJECT NO. 7944
DRAWING NO. Z6Z-ST-03

Drawn By RW Checked By PW
SHEET 48 OF 62

\\LDTFP01\CA_LDT\LDT_TPTO\099701006 - NORWALK PAVEMENT REHAB ZONES 5 6 30\DESIGN\CADD\CURRENTS\6 ST-ZEUS.DWG LAST SAVED BY: EDUARDO.ARGUELLES 2026-06-05





CONSTRUCTION NOTES

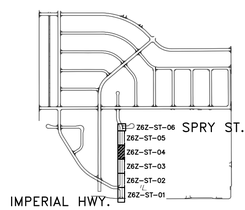
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KEY MAP
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0 5 10 20

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CONCRETE AND ASSOCIATED WORK SHOWN ON THIS SHEET AS BID ALTERNATES

REGISTERED PROFESSIONAL ENGINEER SRIKANTH CHAKRAVARTHY No. 073629 CIVIL STATE OF CALIFORNIA

PLANS PREPARED BY:
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SRIKANTH CHAKRAVARTHY, P.E. RCE 73629
6/5/2026
DATE

engineering division
REVISIONS

DATE	BY	

FIELD BOOK REF.
PLAN REF.

CITY OF NORWALK
A Connected Community

TITLE: BID ALTERNATE: ZONE 6
ZEUS AVE STREET IMPROVEMENT

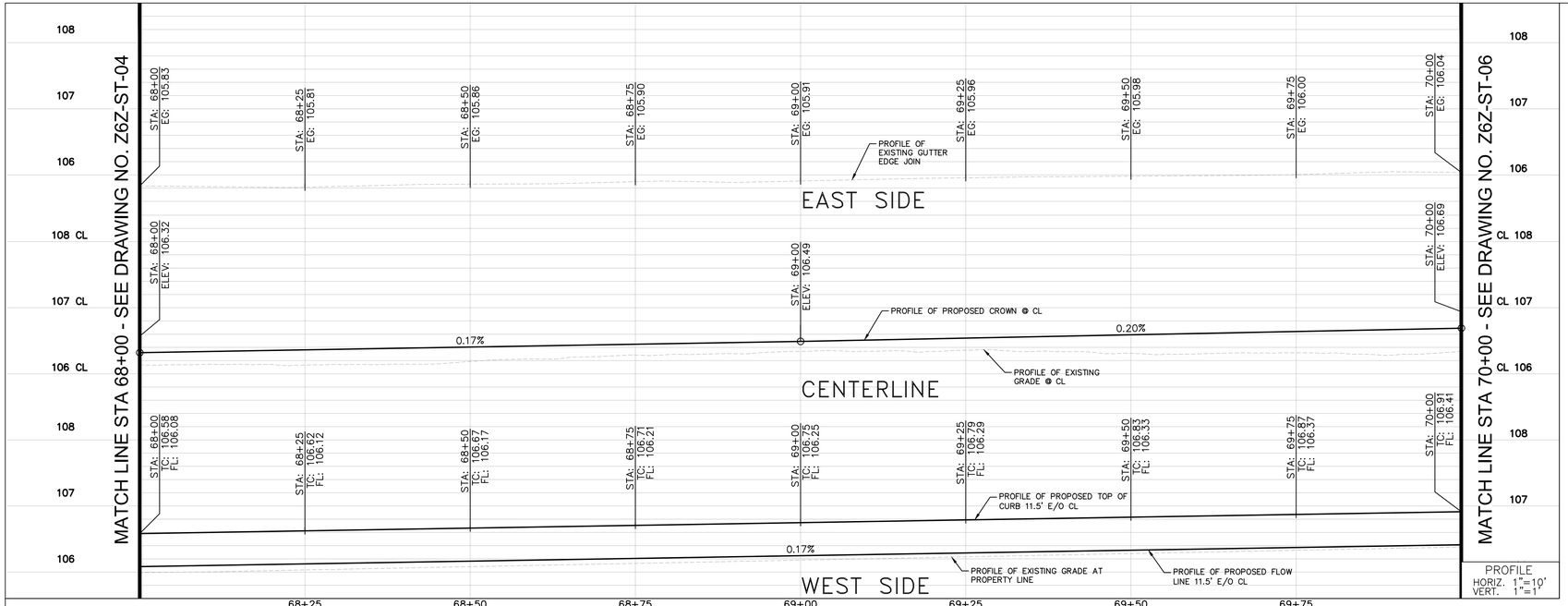
Approved
CITY ENGINEER RCE 90882 2026-06-04 DATE

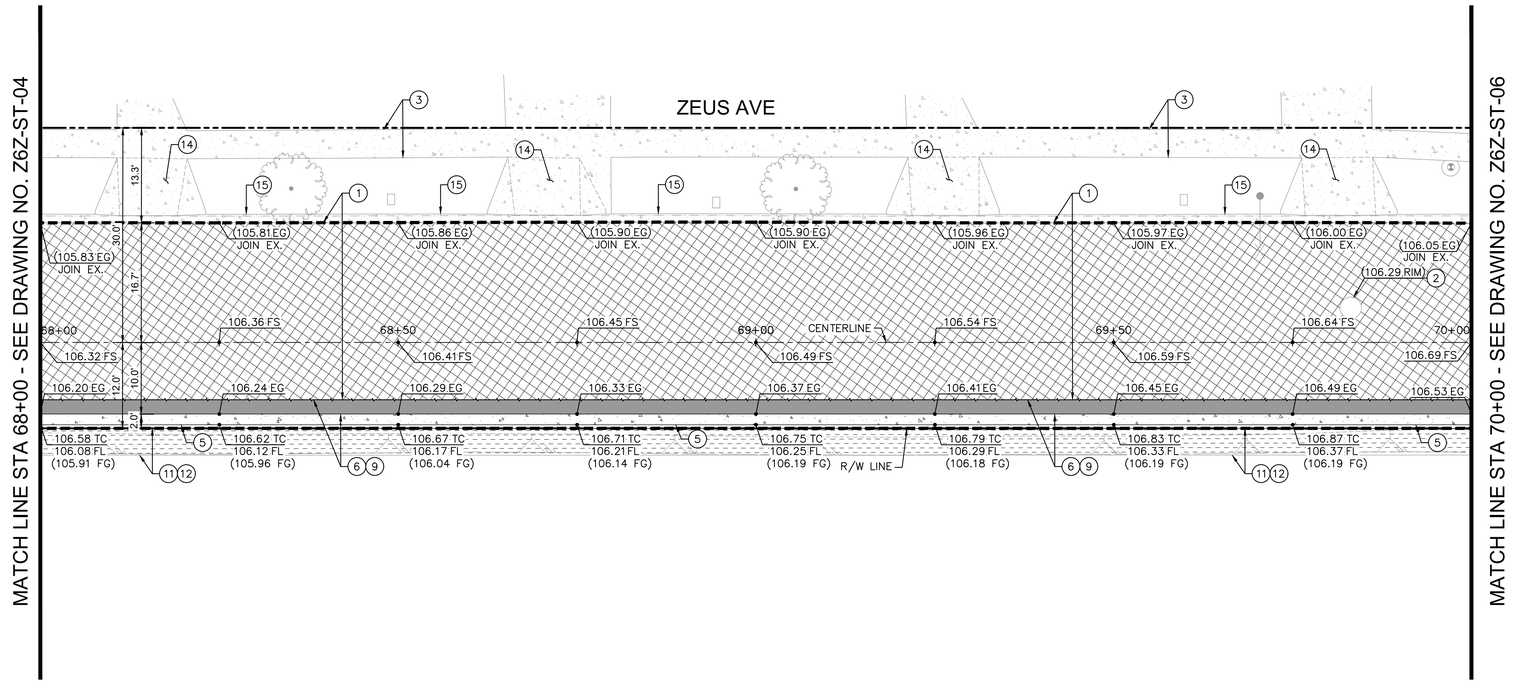
Recommended
PRINCIPAL CIVIL ENGINEER RCE 75709 2026-06-04 DATE

PROJECT NO. 7944
DRAWING NO. Z6Z-ST-04

Drawn By RW Checked By PW
SHEET 49 OF 62

\\LDTFP01\CA_LDT\LDT_TPTO\099701006 - NORWALK PAVEMENT REHAB ZONES 5 6 30\DESIGN\CADD\CURRENTS\6 ST-ZEUS.DWG LAST SAVED BY: EDUARDO.ARGUELLES 2026-06-05





CONSTRUCTION NOTES

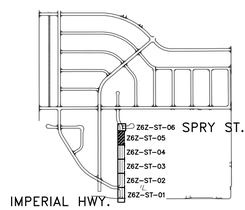
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REGISTERED PROFESSIONAL ENGINEER SRIKANTH CHAKRAVARTHY No. 073629 CIVIL STATE OF CALIFORNIA

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FIELD BOOK REF.
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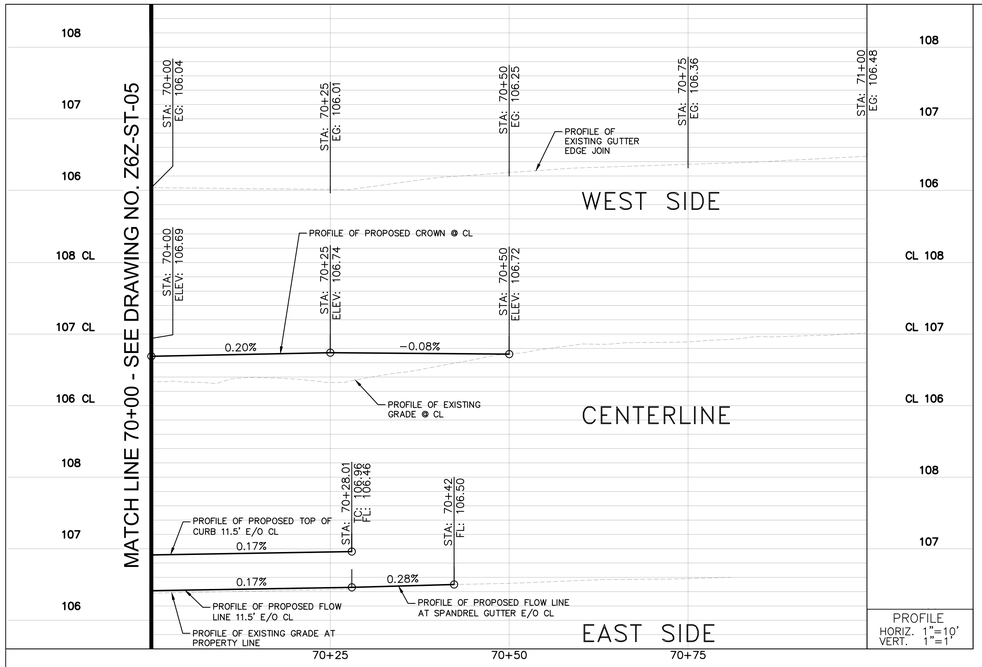
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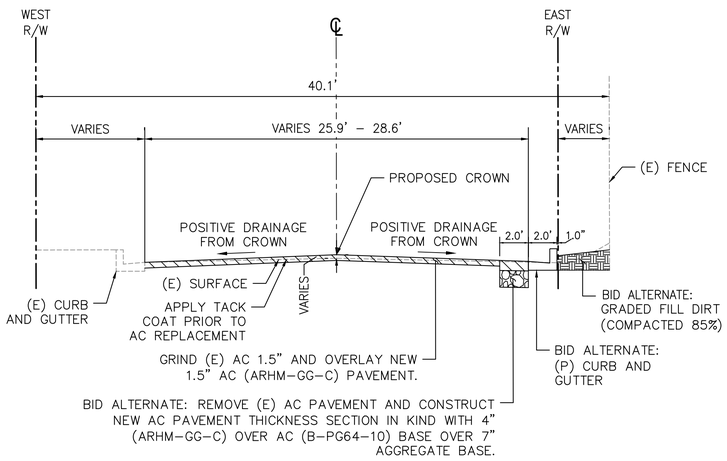
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PROJECT NO. 7944
DRAWING NO. Z6Z-ST-05

Drawn By RW Checked By PW
SHEET 50 OF 62

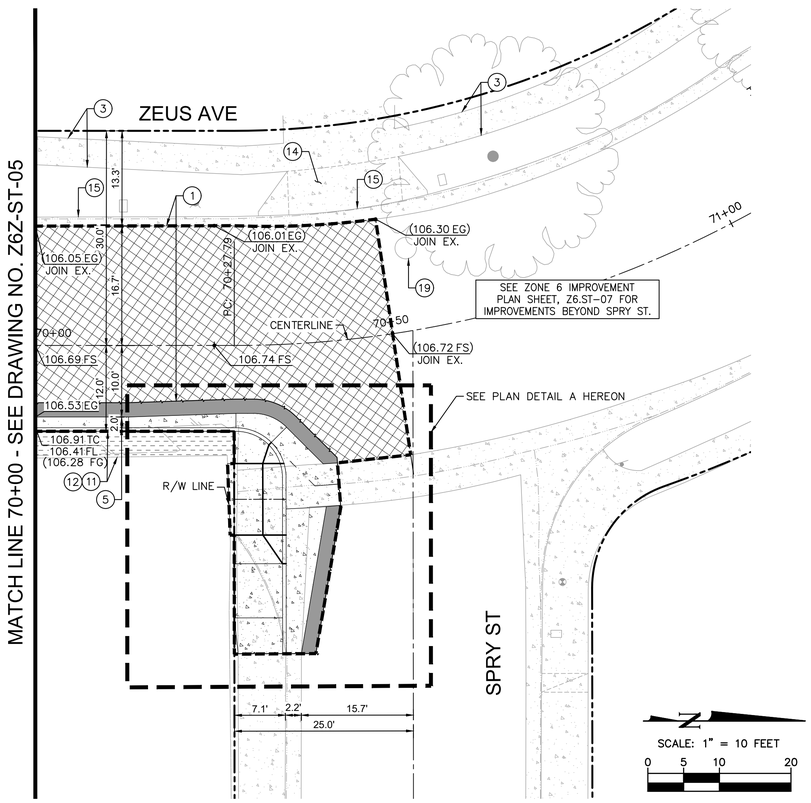
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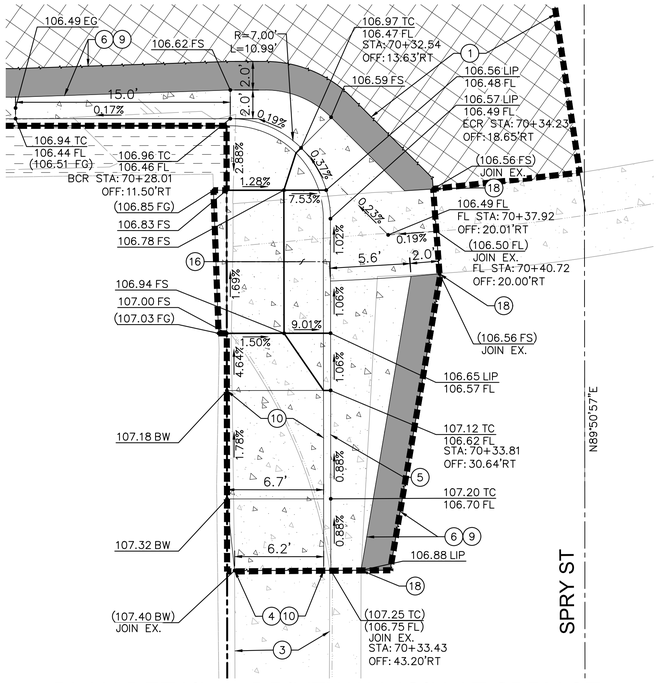




TYPICAL SECTION - GRIND AND OVERLAY WITH 2' FULL DEPTH ASPHALT REPLACEMENT

SCALE: 1''=10' HORIZ, 1"=5' VERT





PLAN DETAIL A: DRIVEWAY JOIN AT SPRY ST

SCALE: 1''= 5'

CONCRETE AND ASSOCIATED WORK SHOWN ON THIS SHEET AS BID ALTERNATES

CONSTRUCTION NOTES

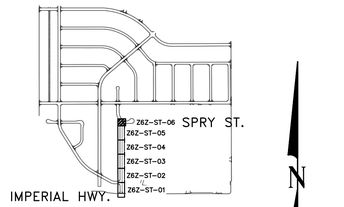
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A Connected Community

TITLE: BID ALTERNATE: ZONE 6 ZEUS AVE STREET IMPROVEMENT

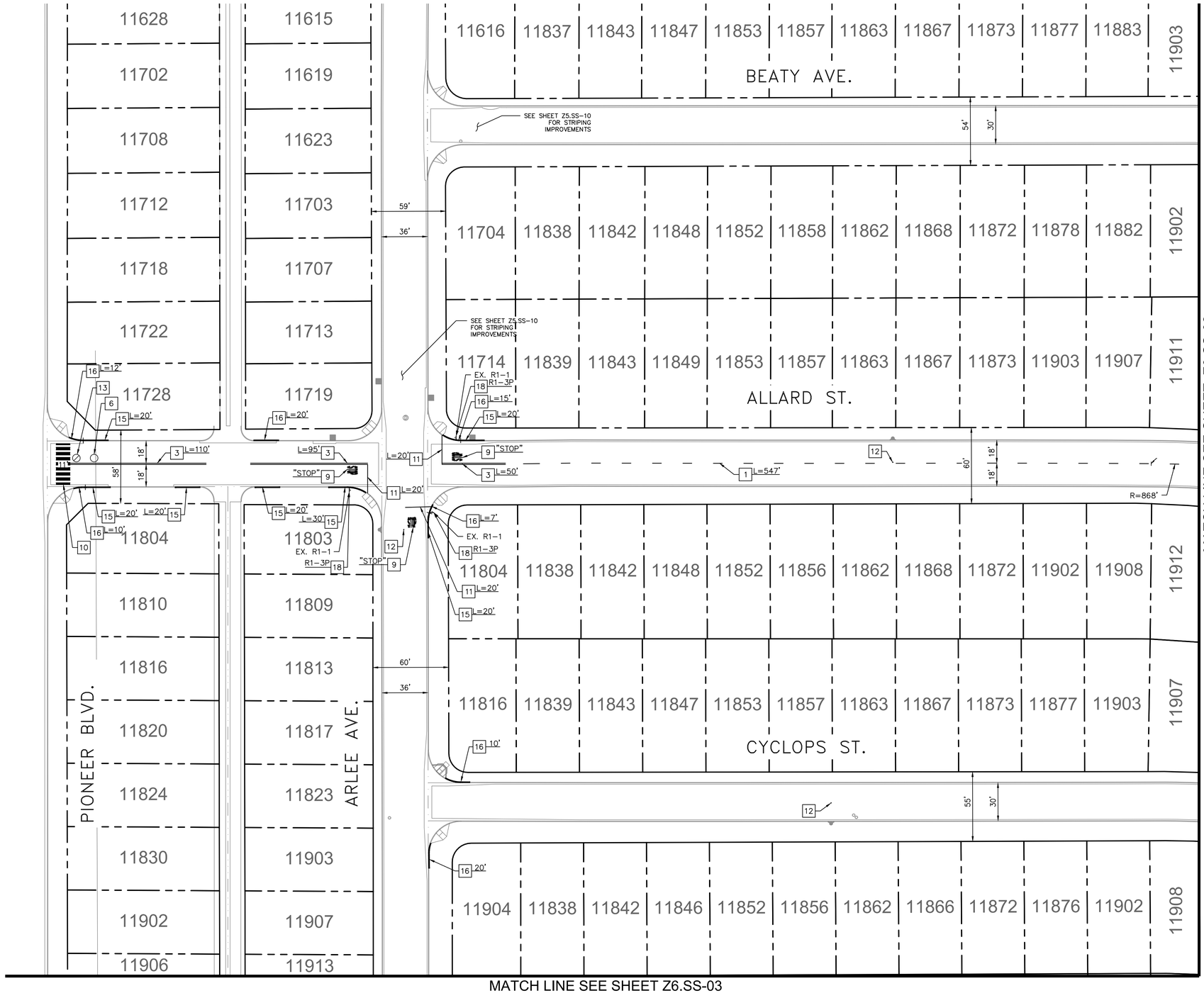
Approved
CITY ENGINEER — RCE 90882 — 2026-06-04 DATE

Recommended
PRINCIPAL CIVIL ENGINEER — RCE 75709 — 2026-06-04 DATE

PROJECT NO. 7944
DRAWING NO. Z6Z-ST-06

Drawn By RW | Checked By PW | SHEET 51 OF 62

\\LDTFP01\CA_LDT\LDT_TPTO\099701006 - NORWALK PAVEMENT REHAB ZONES 5 6 30\DESIGN\CADD\CURRENTS\6 ST-ZEUS.DWG LAST SAVED BY: EDUARDO.ARGUELLES 2026-06-05



CONSTRUCTION NOTES

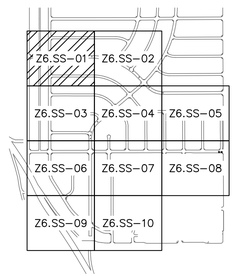
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6. REPLACE TYPE E TRAFFIC LOOPS PER CALTRANS STD. PLAN ES-5A.
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SIGN LEGEND

ALL WAY
R1-3P



KEY MAP
SCALE: NTS

N

SCALE: 1" = 40 FEET
0 20 40 80

100% SUBMITTAL

PLANS PREPARED BY:
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Tel (213) 261-4040

REGISTERED PROFESSIONAL ENGINEER
SRIKANTH CHAKRAVARTHY
No. 73629
CIVIL
STATE OF CALIFORNIA

Prepared Under the Supervision of:
SRIKANTH CHAKRAVARTHY, P.E. RCE 73629
6/5/2026
DATE

engineering division

REVISIONS

DATE	BY	

FIELD BOOK REF.
PLAN REF.

CITY OF NORWALK
A Connected Community

TITLE:
ZONE 6
STRIPING PLANS

Approved
CITY ENGINEER RCE 90882 2026-06-04 DATE

Recommended
PRINCIPAL CIVIL ENGINEER RCE 75709 2026-06-04 DATE

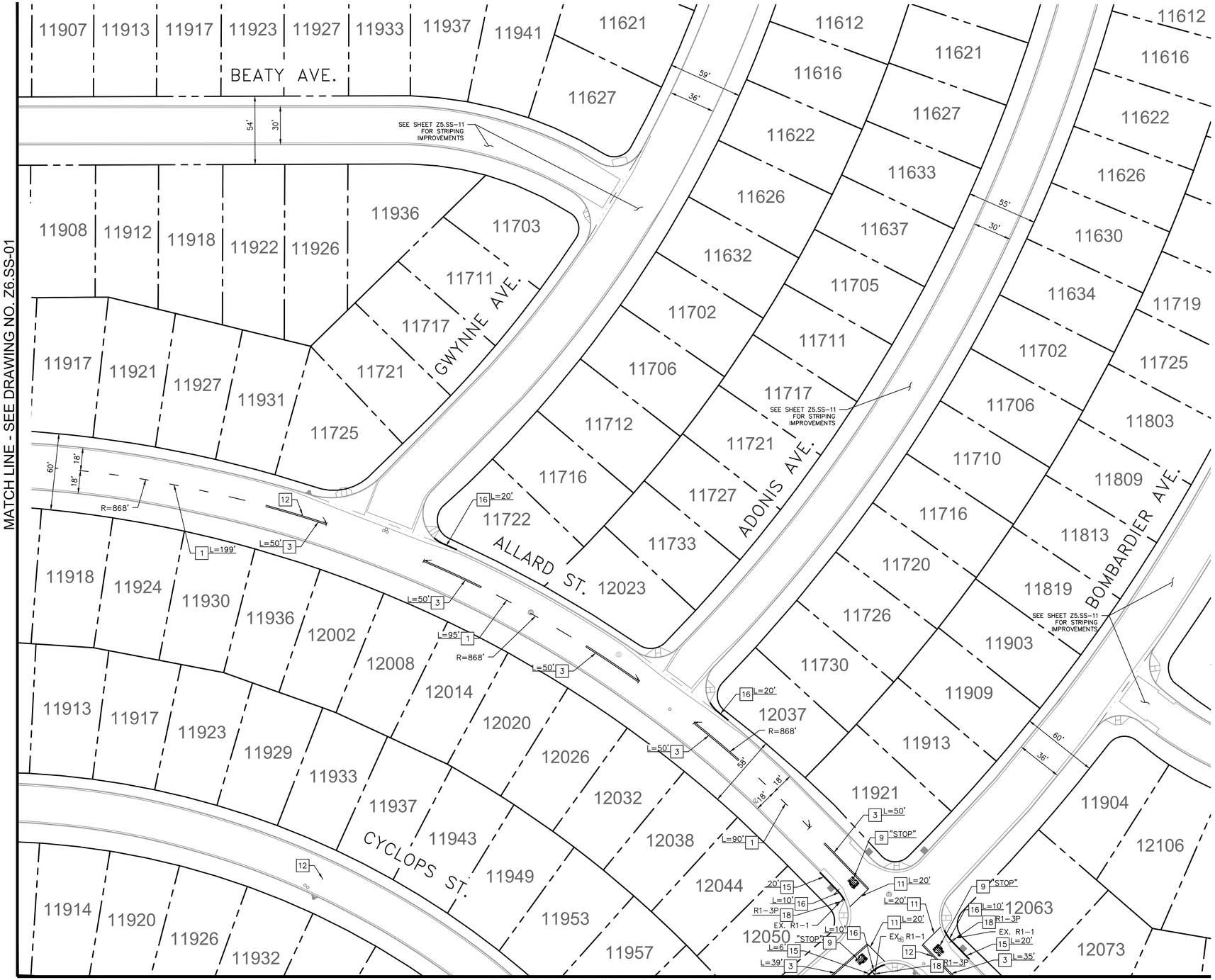
PROJECT NO.
7944

DRAWING NO.
Z6.SS-01

Drawn By CB Checked By PW

SHEET 52 OF 62

\\LDTFP01\CA_LDT\LDT_TPTO\099701006 - NORWALK PAVEMENT REHAB ZONES 5 6 30\DESIGN\CADD\CURRENTS\7 SS-ZONE06.DWG LAST SAVED BY: ROSSINA.CHICHIRI 2026-04-30



CONSTRUCTION NOTES

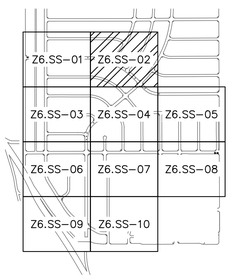
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PLAN REF.

CITY OF NORWALK
A Connected Community

TITLE:
ZONE 6
STRIPING PLANS

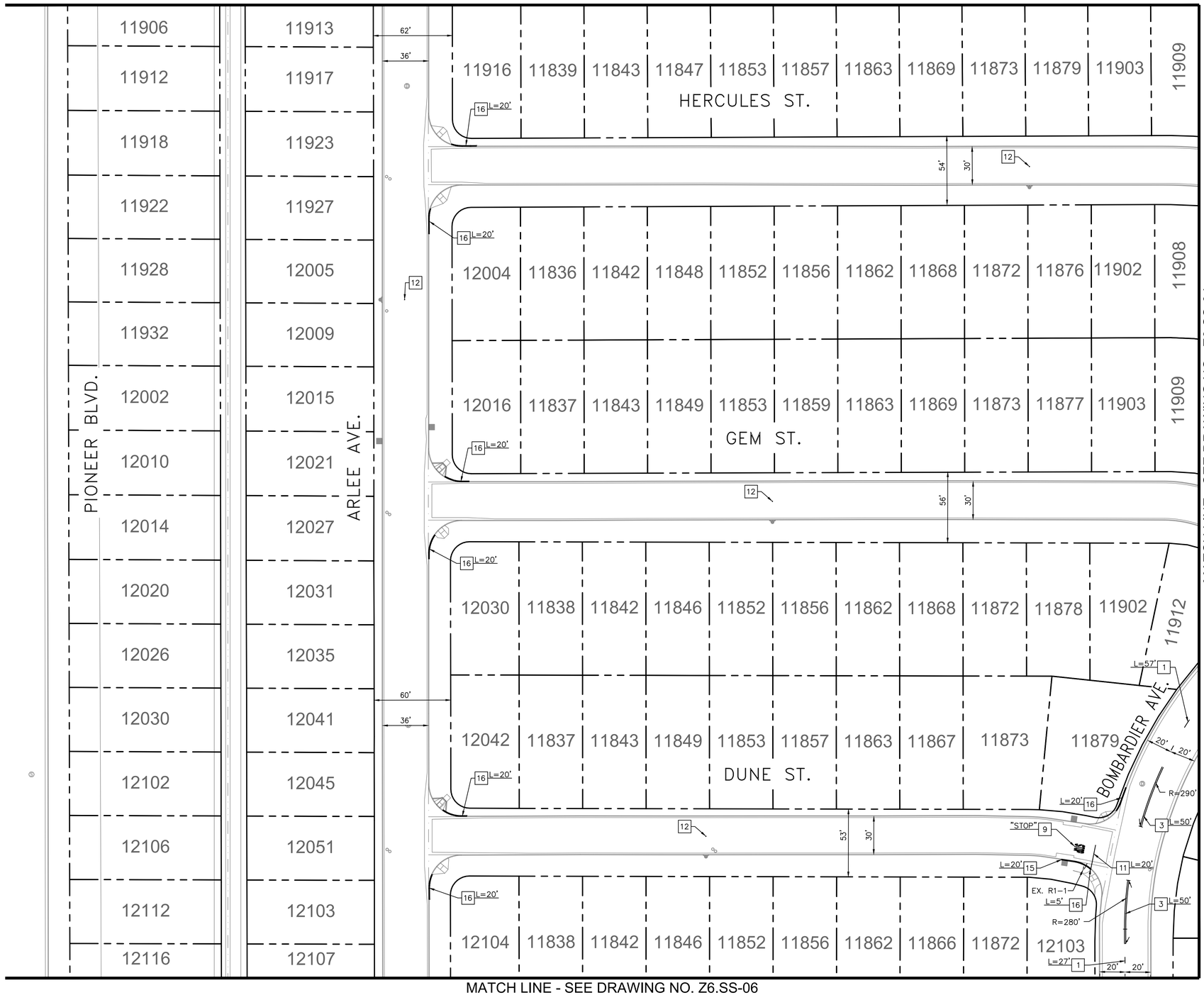
Approved
CITY ENGINEER — RCE 90882 — 2026-06-04 DATE

Recommended
PRINCIPAL CIVIL ENGINEER — RCE 75709 — 2026-06-04 DATE

PROJECT NO. 7944
DRAWING NO. Z6.SS-02

Drawn By CB | Checked By PW | SHEET 53 OF 62

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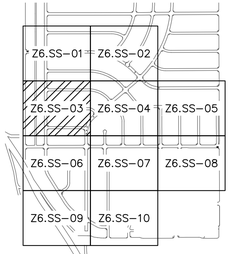


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100% SUBMITTAL

PLANS PREPARED BY:
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REGISTERED PROFESSIONAL ENGINEER
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No. 73629
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STATE OF CALIFORNIA

Prepared Under the Supervision of:
SRIKANTH CHAKRAVARTHY, P.E. RCE 73629
6/5/2026
DATE

engineering division

REVISIONS

DATE	BY	

FIELD BOOK REF.

PLAN REF.

CITY OF NORWALK
A Connected Community

TITLE: ZONE 6 STRIPING PLANS

Approved
CITY ENGINEER RCE 90882 2026-06-04 DATE

Recommended
PRINCIPAL CIVIL ENGINEER RCE 75709 2026-06-04 DATE

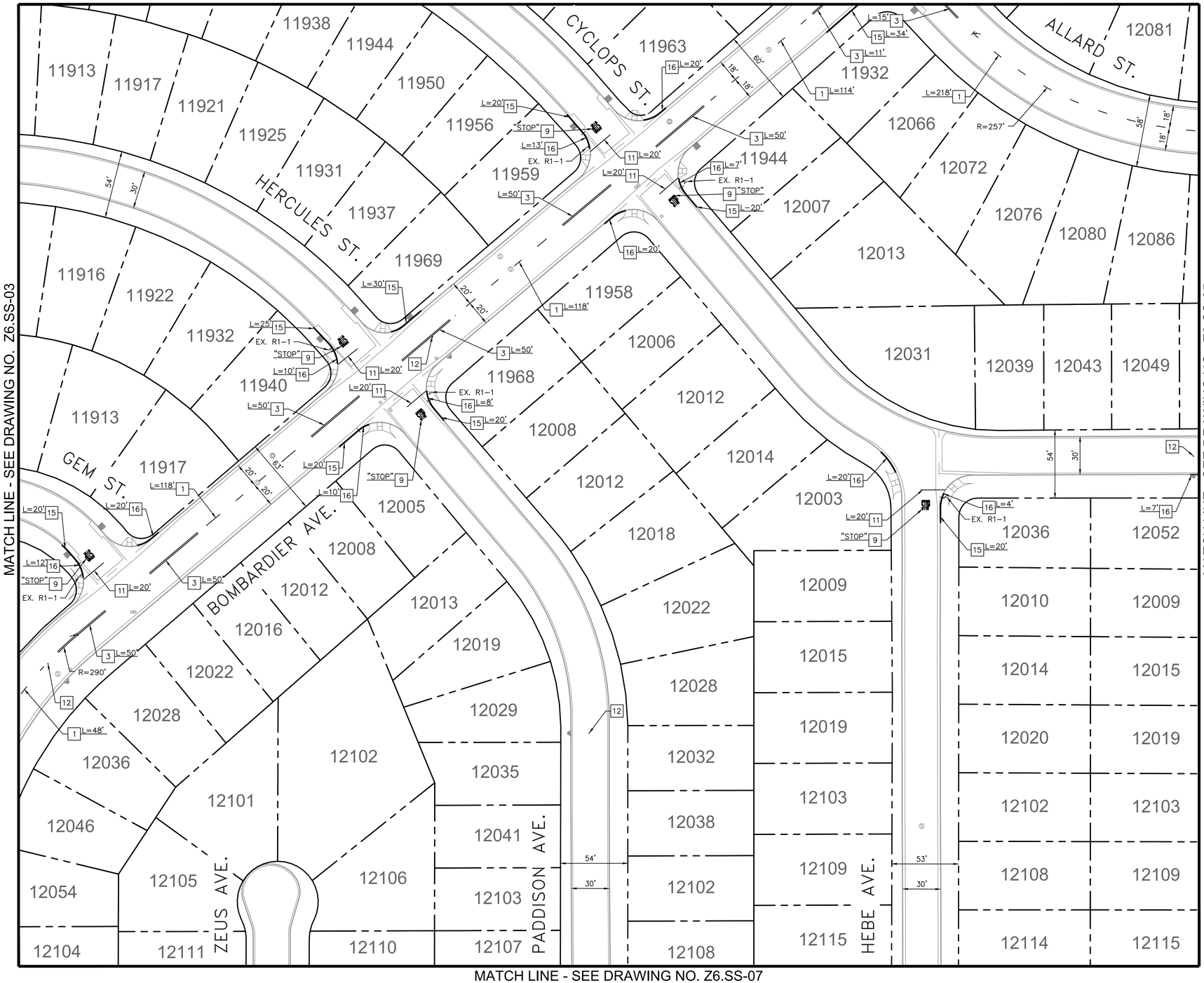
PROJECT NO. 7944

DRAWING NO. Z6.SS-03

Drawn By CB Checked By PW

SHEET 54 OF 62

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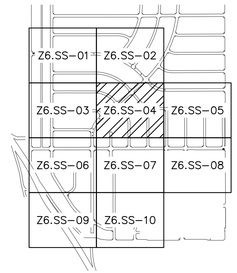


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No. C73629
CIVIL
STATE OF CALIFORNIA

Prepared Under the Supervision of:
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REVISIONS

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FIELD BOOK REF.

PLAN REF.

CITY OF NORWALK
A Connected Community

TITLE:
ZONE 6
STRIPING PLANS

Approved
CITY ENGINEER RCE 90882 2026-06-04 DATE

Recommended
PRINCIPAL CIVIL ENGINEER RCE 75709 2026-06-04 DATE

PROJECT NO.
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DRAWING NO.
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SHEET 55 OF 62

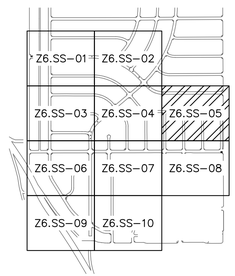


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CITY ENGINEER RCE 90882 2026-06-04 DATE

Recommended
PRINCIPAL CIVIL ENGINEER RCE 75709 2026-06-04 DATE

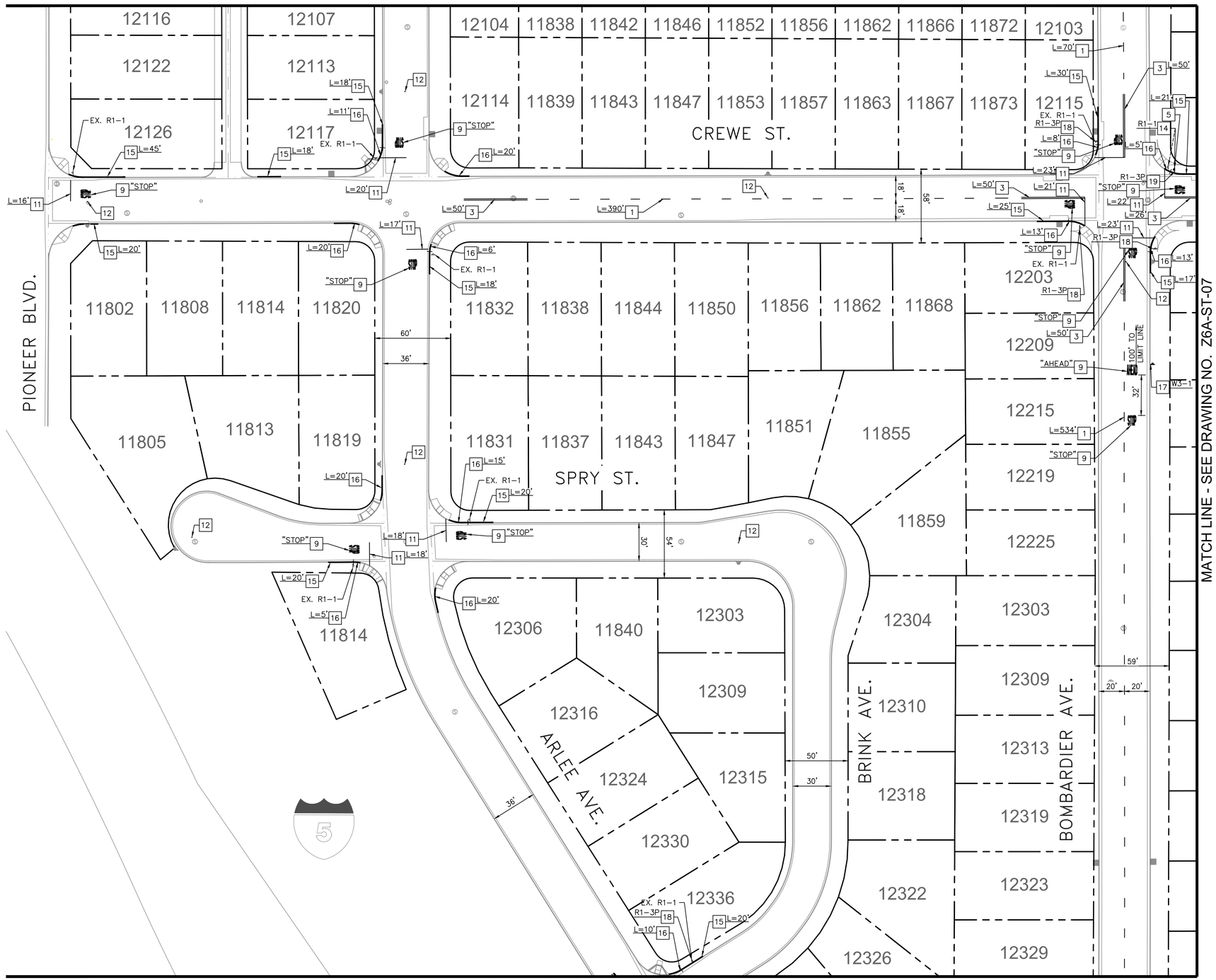
PROJECT NO.
7944

DRAWING NO.
Z6.SS-05

Drawn By CB Checked By PW

SHEET 56 OF 62

\\LDTFP01\CA_LDT\LDT_TPTO\099701006 - NORWALK PAVEMENT REHAB ZONES 5 6 30\DESIGN\CADD\CURRENTS\7 SS-ZONE06.DWG LAST SAVED BY: ROSSINA.CHICHIRI 2026-04-30



CONSTRUCTION NOTES

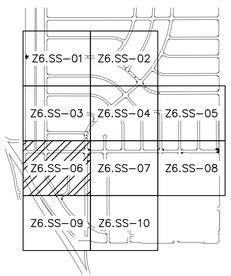
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SIGN LEGEND





KEY MAP
SCALE: NTS

SCALE: 1" = 40 FEET
0 20 40 80

100% SUBMITTAL

CITY OF NORWALK
A Connected Community

TITLE: ZONE 6 STRIPING PLANS

Approved
CITY ENGINEER — RCE 90882 — 2026-06-04 DATE

Recommended
PRINCIPAL CIVIL ENGINEER — RCE 75709 — 2026-06-04 DATE

PROJECT NO. 7944

DRAWING NO. Z6.SS-06

Drawn By CB | Checked By PW | SHEET 57 OF 62

PLANS PREPARED BY:
Kimley»Horn
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Los Angeles, California 90017
Tel (213) 261-4040

REGISTERED PROFESSIONAL ENGINEER — SRIKANTH CHAKRAVARTHY — No. 73629 — CIVIL — STATE OF CALIFORNIA

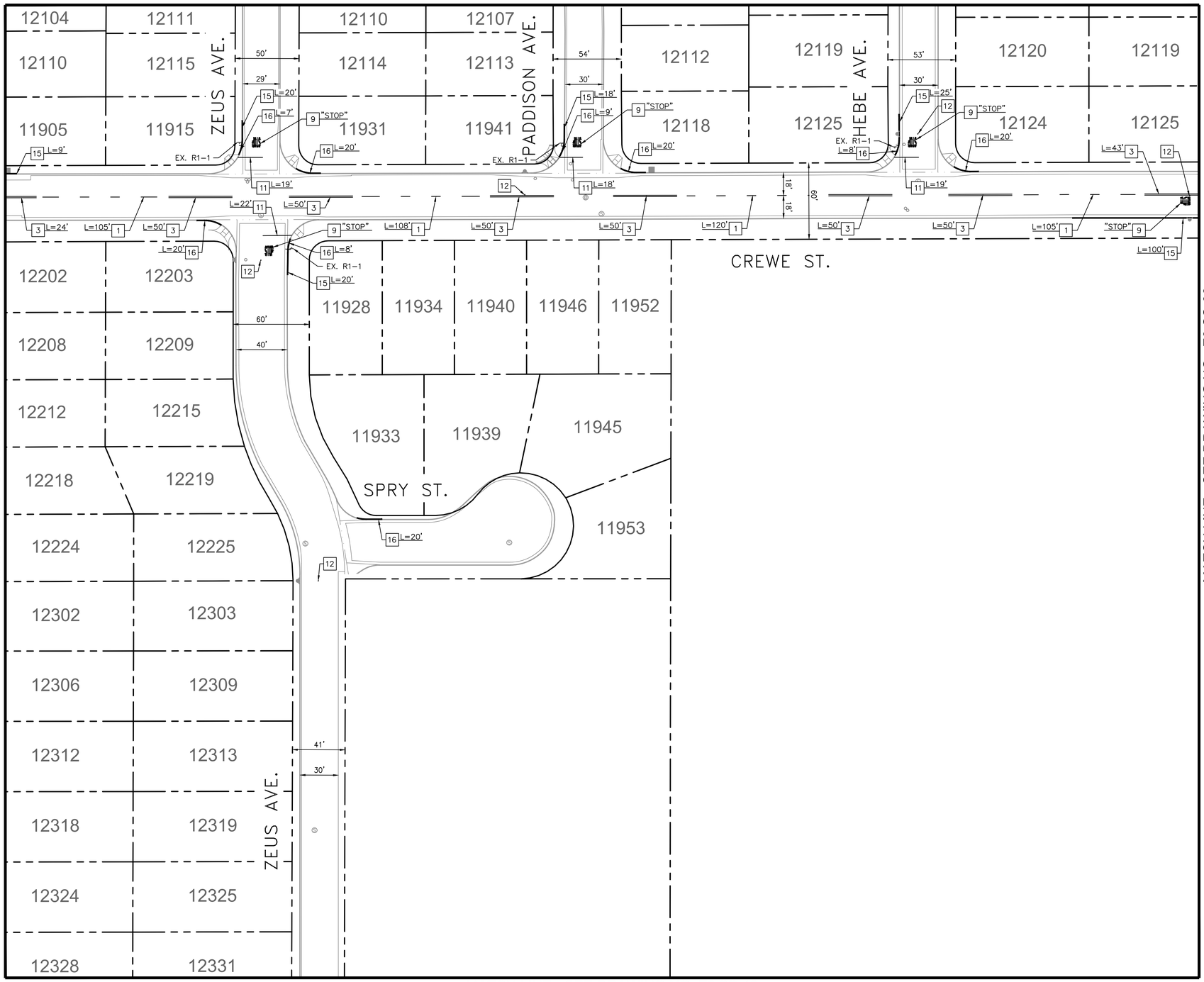
Prepared Under the Supervision of:
SRIKANTH CHAKRAVARTHY, P.E. RCE 73629 — 6/5/2026 DATE

engineering division
REVISIONS

DATE	BY	

FIELD BOOK REF.
PLAN REF.

\\LDTFP01\CA_LDT\LDT_TPTO\099701006 - NORWALK PAVEMENT REHAB ZONES 5 6 30\DESIGN\CADD\CURRENTS\7 SS-ZONE06.DWG LAST SAVED BY: ROSSINA.CHICHIRI 2026-04-30

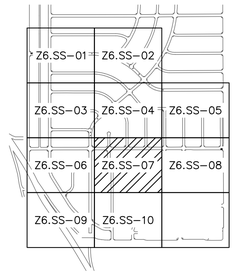


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REGISTERED PROFESSIONAL ENGINEER
SRIKANTH CHAKRAVARTHY
No. 073629
CIVIL
STATE OF CALIFORNIA

Prepared Under the Supervision of:
SRIKANTH CHAKRAVARTHY, P.E. RCE 73629
6/5/2026
DATE

engineering division

REVISIONS

DATE	BY	

FIELD BOOK REF.
PLAN REF.

CITY OF NORWALK
A Connected Community

TITLE:
ZONE 6
STRIPING PLANS

Approved
CITY ENGINEER RCE 90882 2026-06-04 DATE

Recommended
PRINCIPAL CIVIL ENGINEER RCE 75709 2026-06-04 DATE

PROJECT NO.
7944

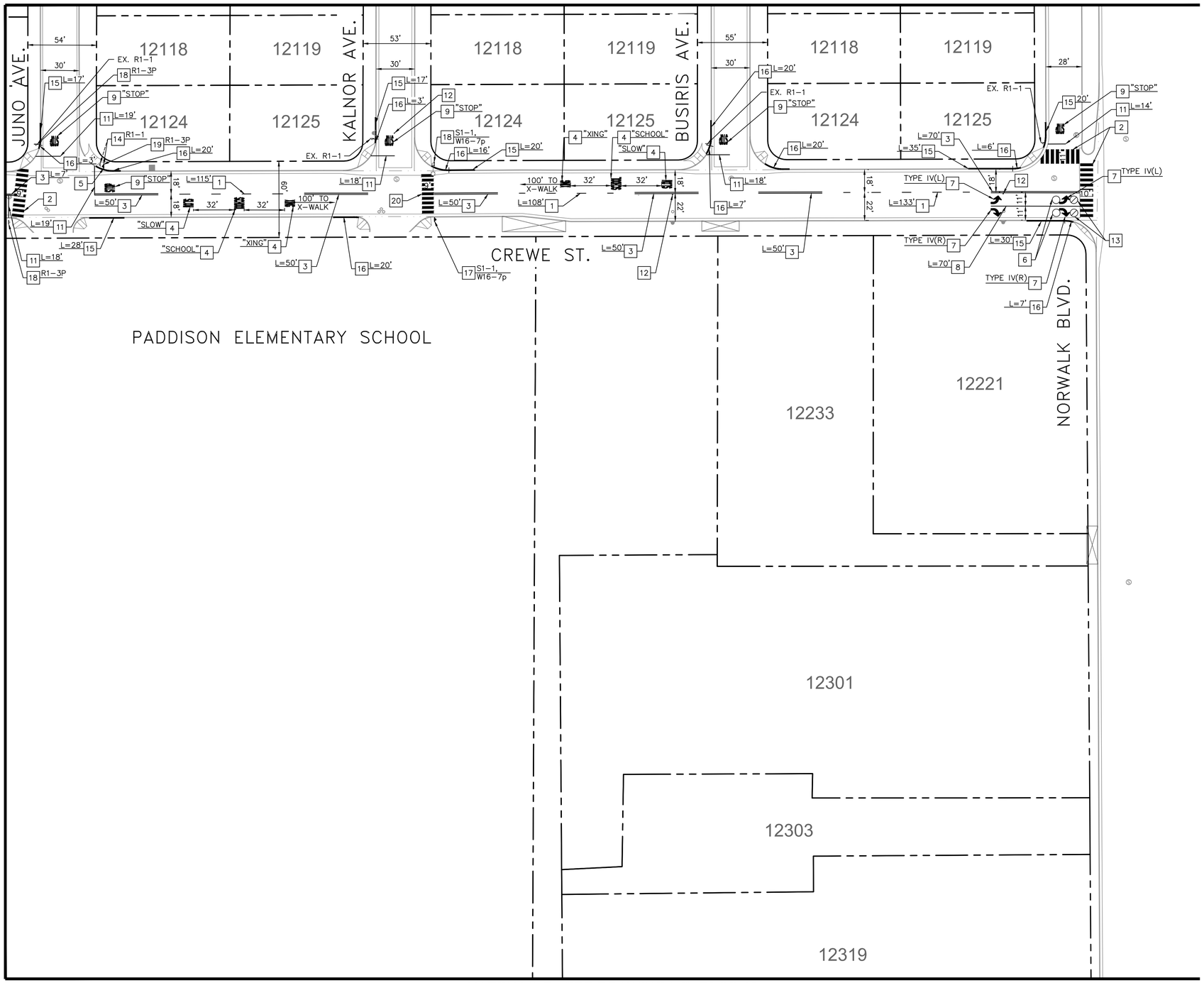
DRAWING NO.
Z6.SS-07

Drawn By CB Checked By PW

SHEET 58 OF 62

\\LDTFP01\CA_LDT\LDT_TPTO\099701006 - NORWALK PAVEMENT REHAB ZONES 5 6 30\DESIGN\CADD\CURRENTS\7 SS-ZONE06.DWG LAST SAVED BY: ROSSINA.CHICHIRI 2026-04-30

MATCH LINE - SEE DRAWING NO. Z6.SS-04



MATCH LINE - SEE DRAWING NO. Z6.SS-10

MATCH LINE - SEE DRAWING NO. Z6.SS-07

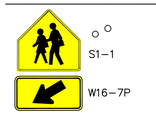
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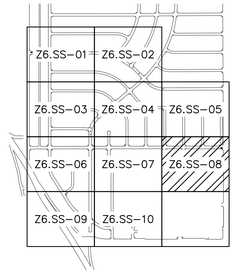
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SIGN LEGEND



SCHOOL CROSSING ASSEMBLY B(CA)



KEY MAP
SCALE: NTS

N

SCALE: 1" = 40 FEET
0 20 40 80

100% SUBMITTAL

PLANS PREPARED BY:
Kimley»Horn
© 2026 KIMLEY-HORN AND ASSOCIATES, INC.
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Tel (213) 261-4040

REGISTERED PROFESSIONAL ENGINEER — SRIKANTH CHAKRAVARTHY — No. 073629 — CIVIL — STATE OF CALIFORNIA

Prepared Under the Supervision of:
SRIKANTH CHAKRAVARTHY, P.E. RCE 73629 — 6/5/2026 DATE

engineering division

REVISIONS

DATE	BY	

FIELD BOOK REF.
PLAN REF.

CITY OF NORWALK
A Connected Community

TITLE:
ZONE 6
STRIPING PLANS

Approved
CITY ENGINEER — RCE 90882 — 2026-06-04 DATE

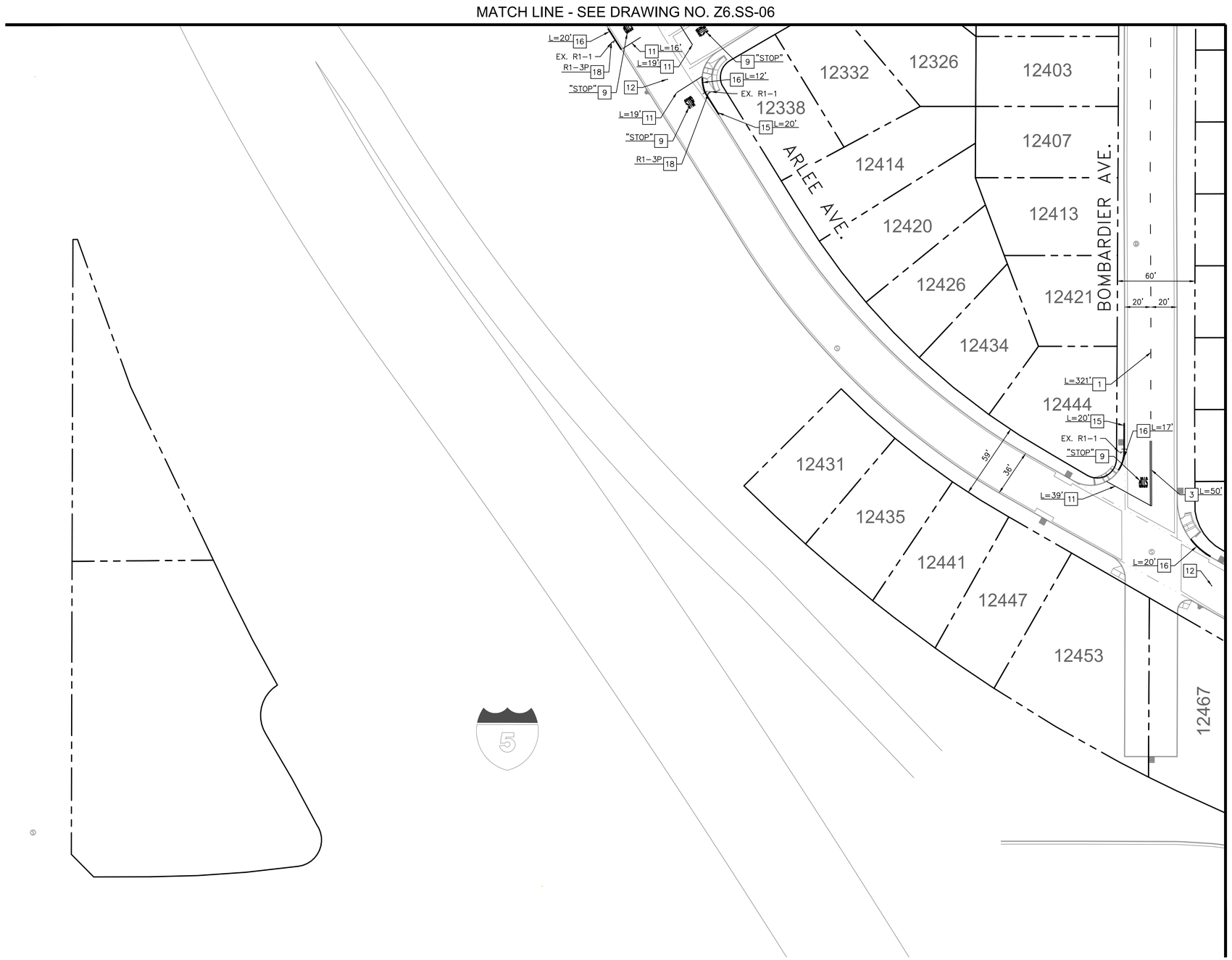
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PRINCIPAL CIVIL ENGINEER — RCE 75709 — 2026-06-04 DATE

PROJECT NO. 7944
DRAWING NO. Z6.SS-08

Drawn By CB — Checked By PW

SHEET 59 OF 62

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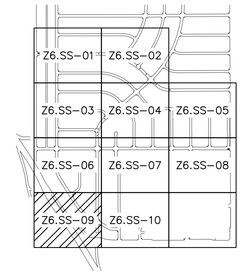


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No. 073629
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STATE OF CALIFORNIA

PLANS PREPARED BY:
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REVISIONS

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FIELD BOOK REF.
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CITY OF NORWALK
A Connected Community

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ZONE 6
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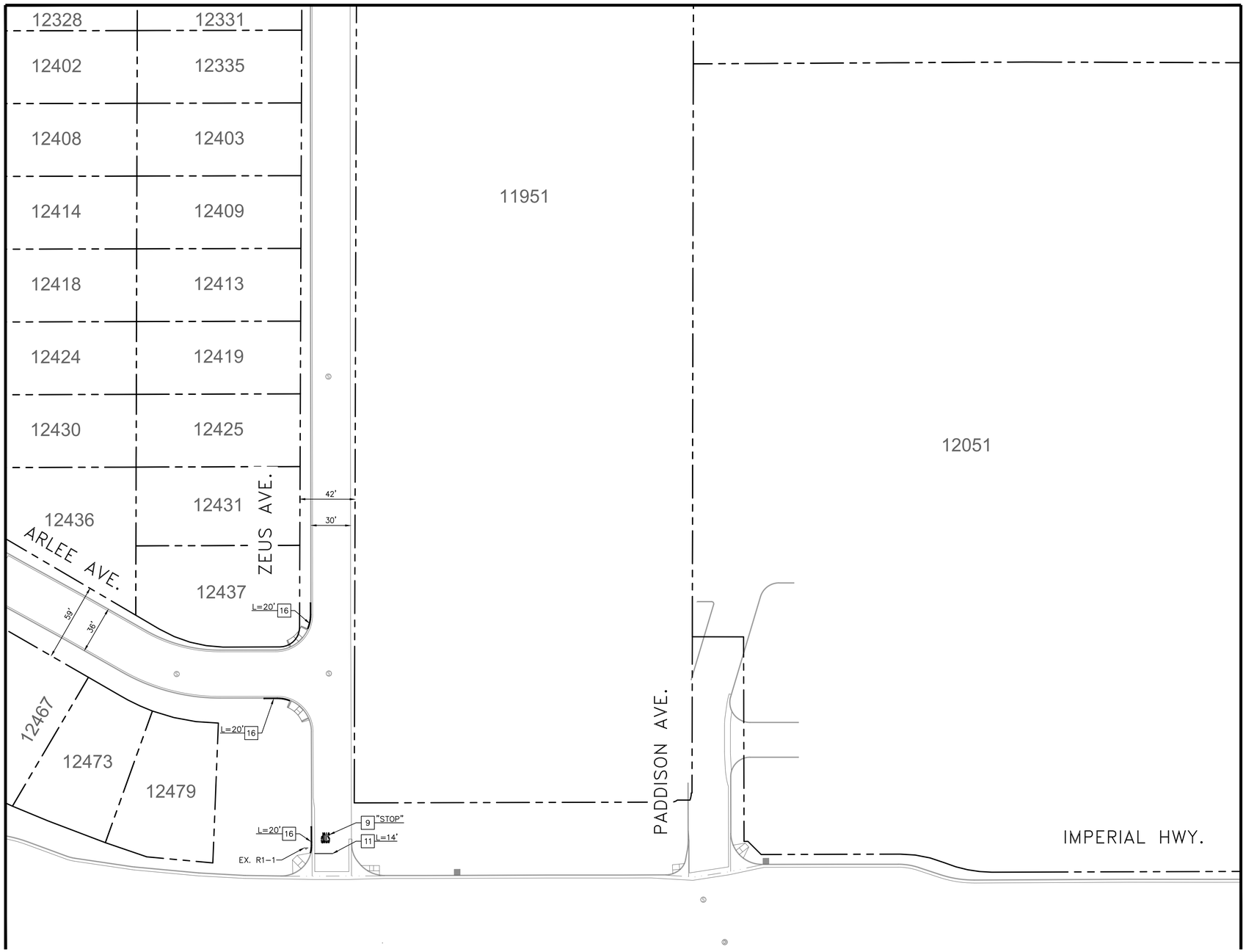
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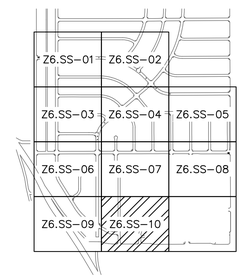


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3. CONTRACTOR SHALL REPAINT/RESTORE HOUSE ADDRESS NUMBERS COVERED BY NEW CURB PAINT.
4. THE ENDS OF ALL CURB PAINT SHALL BE BOOKMARKED BY 6 INCHES OF WHITE CURB PAINT (BOW-TIES). THE TOTAL LENGTH OF CURB PAINT EXCLUDES THE 6-INCH BOW-TIES. RED CURB PAINT LIMITS SHALL BE MARKED IN THE FIELD AND APPROVED BY THE ENGINEER PRIOR TO PAINTING.
5. RETROREFLECTIVE SIGN POST TAPE SHALL BE VIS-Z-SHIELD.



KEY MAP
SCALE: NTS

N

N

SCALE: 1" = 40 FEET
0 20 40 80

100% SUBMITTAL

PLANS PREPARED BY:
Kimley»Horn
© 2026 KIMLEY-HORN AND ASSOCIATES, INC.
660 S. Figueroa Street, Suite 2050
Los Angeles, California 90017
Tel (213) 261-4040

REGISTERED PROFESSIONAL ENGINEER
SRIKANTH CHAKRAVARTHY
No. C73629
CIVIL
STATE OF CALIFORNIA

Prepared Under the Supervision of:
SRIKANTH CHAKRAVARTHY, P.E. RCE 73629
6/5/2026
DATE

engineering division
REVISIONS

DATE	BY	

FIELD BOOK REF.
PLAN REF.

CITY OF NORWALK
A Connected Community

TITLE:
ZONE 6
STRIPING PLANS

Approved
CITY ENGINEER RCE 90882 2026-06-04 DATE

Recommended
PRINCIPAL CIVIL ENGINEER RCE 75709 2026-06-04 DATE

PROJECT NO. 7944
DRAWING NO. Z6.SS-10

Drawn By CB Checked By PW
SHEET 61 OF 62

\\LDTFP01\CA_LDT\LDT_TPTO\099701006 - NORWALK PAVEMENT REHAB ZONES 5 6 30\DESIGN\CADD\CURRENTS\7 SS-ZONE06.DWG LAST SAVED BY: ROSSINA.CHICHIRI 2026-04-30

CAPE SEAL [CONSTRUCTION NOTE 2]			
STREET NAME	FROM	TO	AREA (SF)
ALLARD ST	GWYNNE AVE	NORWALK BLVD	57,580
BUSIRIS AVE	CYCLOPS ST	CREWE ST	13,860
CYCLOPS ST	ARLEE AVE	BOMBARDIER AVE	32,230
CYCLOPS ST	BOMBARDIER AVE	NORWALK BLVD W FRONTAGE RD	38,490
HEBE AVE	CYCLOPS ST	CREWE ST	13,550
JUNO AVE	CYCLOPS ST	CREWE ST	14,380
KALNOR AVE	CYCLOPS ST	CREWE ST	13,860
NORWALK BLVD W FRONTAGE RD	CYCLOPS ST	CREWE ST	14,610

1.5" GRIND AND OVERLAY [CONSTRUCTION NOTE 3]			
STREET NAME	FROM	TO	AREA (SF)
ALLARD ST	PIONEER BLVD	GWYNNE AVE	37,900
ARLEE AVE	ALLARD ST	CREWE ST	42,760
BOMBARDIER AVE	ALLARD ST	DUNE ST	43,770
BOMBARDIER AVE	DUNE ST	CREWE ST	6,990
BOMBARDIER AVE	CREWE ST	ARLEE AVE	35,240
BRINK AVE	SPRY ST	ARLEE AVE	12,640
CREWE ST	PIONEER BLVD	NORWALK BLVD W FRONTAGE RD	87,100
DUNE ST	ARLEE AVE	BOMBARDIER AVE	14,780
GEM ST	ARLEE AVE	BOMBARDIER AVE	19,420
HERCULES ST	ARLEE AVE	BOMBARDIER AVE	25,850
PADDISON AVE	BOMBARDIER AVE	CREWE ST	17,580
SPRY ST	ARLEE AVE	BRINK AVE	8,620
ZEUS AVE	CUL-DE-SAC	CREWE ST	4,130
ZEUS AVE	CREWE ST	SPRY ST	10,130
ZEUS AVE	SPRY ST	IMPERIAL HWY	24,840

TYPE II SLURRY [CONSTRUCTION NOTE 4]			
STREET NAME	FROM	TO	AREA (SF)
ARLEE AVE	CREWE ST	BOMBARDIER AVE	40,330
ARLEE AVE	BOMBARDIER AVE	ZEUS AVE	10,080

CUL-DE-SAC 1.5" GRIND AND OVERLAY [CONSTRUCTION NOTE 6]			
STREET NAME	FROM	TO	AREA (SF)
SPRY ST CUL-DE-SAC	CUL-DE-SAC	ARLEE AVE	5,970
SPRY ST CUL-DE-SAC	CUL-DE-SAC	ZEUS AVE	6,690
ZEUS AVE	CUL-DE-SAC	CREWE ST	1,930

SIGNING, STRIPING, & EQUIPMENT QUANTITIES		
SIGNING AND STRIPING ITEM	QUANTITY	UNIT
YELLOW STRIPING (CALTRANS STD. PLAN A20A, DETAIL 2) [CONSTRUCTION NOTE 1]	4,096	LF
YELLOW STRIPING (CALTRANS STD. PLAN A20A, DETAIL 22) [CONSTRUCTION NOTE 3]	1,636	LF
WHITE STRIPING (CALTRANS STD. PLAN A20D, DETAIL 38A) [CONSTRUCTION NOTE 8]	70	LF
WHITE PM ARROW STRIPING (CALTRANS STD. PLAN A24A & A24B) [CONSTRUCTION NOTE 7]	4	EA
WHITE PM WORD STRIPING (CALTRANS STD. PLAN A24D) [CONSTRUCTION NOTE 9]	41	EA
YELLOW PM WORD STRIPING (CALTRANS STD. PLAN A24D) [CONSTRUCTION NOTE 4]	6	EA
WHITE LIMIT LINE STRIPING (CALTRANS STD. PLAN A24G) [CONSTRUCTION NOTE 11]	760	LF
FIRE HYDRANT PAVEMENT MARKER (CAMUTCD, FIGURE 3B-102(CA)) [CONSTRUCTION NOTE 12]	34	EA
STRIPING - REFRESH EXISTING RED CURB [CONSTRUCTION NOTE 15]	1,112	LF
STRIPING - PAINT RED CURB [CONSTRUCTION NOTE 16]	1,129	LF
YELLOW CONTINENTAL XWALK STRIPING (CALTRANS STD. PLAN A24F) [CONSTRUCTION NOTE 2]	565	SF
WHITE CONTINENTAL XWALK STRIPING (CALTRANS STD. PLAN A24F) [CONSTRUCTION NOTE 10]	176	SF
YELLOW THERMOPLASTIC CONTINENTAL/LADDER XWALK (CALTRANS STD. PLAN A24F) [CONSTRUCTION NOTE 20]	162	SF
REFLECTIVE RED TAPE ON SIGN POST [CONSTRUCTION NOTE 5]	1	EA
RELOCATE SIGN [CONSTRUCTION NOTE 14]	2	EA
NEW SIGN AND POST [CONSTRUCTION NOTE 17]	2	EA
NEW SIGN ON EXISTING POST [CONSTRUCTION NOTE 18]	15	EA
NEW SIGN AND SQUARE POST [CONSTRUCTION NOTE 19]	2	EA
REPLACE TYPE E TRAFFIC LOOP [CONSTRUCTION NOTE 6]	3	EA
REPLACE TYPE D TRAFFIC LOOP [CONSTRUCTION NOTE 13]	3	EA

NOTE:
KIMLEY-HORN MAKES NO REPRESENTATION CONCERNING THE COST FIGURES MADE IN CONNECTION WITH THE MAPS, PLANS, SPECIFICATIONS OR DRAWINGS PREPARED BY THEM, OTHER THAN THAT ALL COST FIGURES ARE ESTIMATES ONLY AND THE ENGINEER CANNOT BE RESPONSIBLE FOR FLUCTUATIONS IN COST FACTORS. FURTHERMORE, THIS ESTIMATE IS BASED ON ITS CURRENT DOLLAR VALUE AS ORIGINALLY PREPARED.

100% SUBMITTAL

REGISTERED PROFESSIONAL ENGINEER — SRIKANTH CHAKRAVARTHY — No. C73629 — CIVIL — STATE OF CALIFORNIA

PLANS PREPARED BY:
Kimley»Horn
© 2026 KIMLEY-HORN AND ASSOCIATES, INC.
660 S. Figueroa Street, Suite 2050
Los Angeles, California 90017
Tel (213) 261-4040

Prepared Under the Supervision of:
SRIKANTH CHAKRAVARTHY, P.E. RCE 73629 — 6/5/2026 DATE

engineering division

REVISIONS

DATE	BY	

FIELD BOOK REF.
PLAN REF.

CITY OF NORWALK
A Connected Community

TITLE: ZONE 6 QUANTITIES

Approved
CITY ENGINEER — RCE 90882 — 2026-06-04 DATE

Recommended
PRINCIPAL CIVIL ENGINEER — RCE 75709 — 2026-06-04 DATE

PROJECT NO. 7944

DRAWING NO. Z6.Q-01

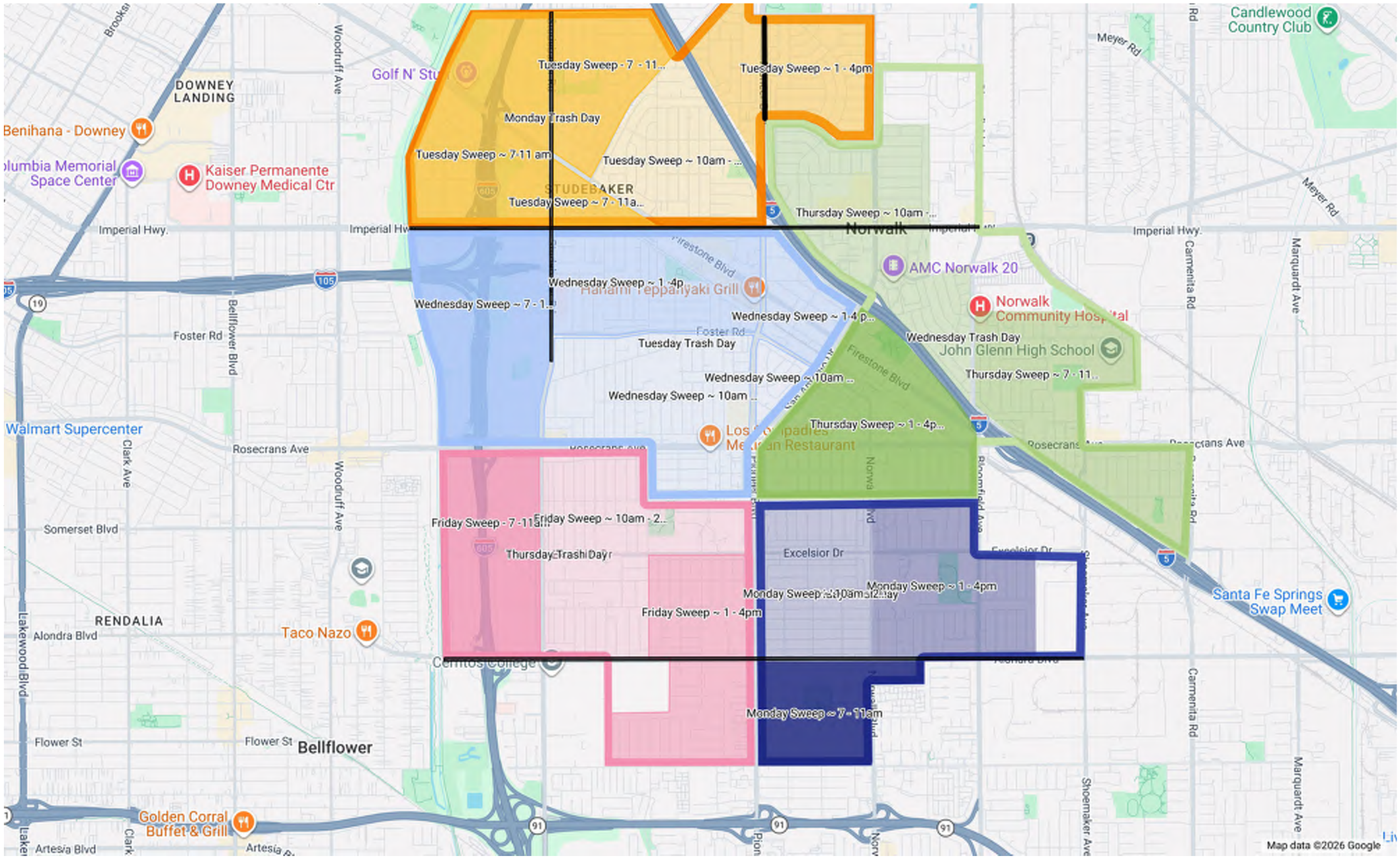
Drawn By CB — Checked By PW — SHEET 62 OF 62

K:\LDT_TPTO\099701006 - NORWALK PAVEMENT REHAB ZONES 5 6 30\DESIGN\CADD\CURRENTS\9 Q-ZONE06.DWG LAST SAVED BY: JOSE.FELIX 2026-06-01

APPENDIX B
CITY'S TRASH PICK UP SCHEDULE AND STREET SWEEPING SCHEDULE

Norwalk Residential Collection Schedule

NEW Residential Trash & Street Sweeping Day Schedule



APPENDIX C
SAMPLE PUBLIC RESIDENT NOTIFICATIONS

Notice to Residents/Businesses

XXXXX WORK

The City of Norwalk has awarded a contract to **CONTRACTOR**, to complete XXXX improvements in your neighborhood that include xxxxxx. The work included may be in front of, or in the vicinity of your residence/business. The entire project will start on or around date

You are receiving this notice because XXXX WORK near your property will begin in the next XXXX days. You will soon see the no parking signs indicating the work hours and days.

Construction work always leads to some disruptions but we will do everything possible to keep the inconveniences you may experience to a minimum. We will make every effort to maintain access to your property.

If you have additional questions regarding this construction project, please contact us at:

City of Norwalk
Inspector's Name Phone No.
CM Name Phone No.

CONTRACTOR
Office ### ### ####
24 hour emergency Name Phone No

We appreciate your help and cooperation and weather permitting, this project will be completed as soon as possible.

Thank You


TOW-AWAY
NO PARKING
STARTING
ENDING
/ / TO / /
TIME
: AM TO : PM
CONSTRUCTION
ZONE
C.V.C. 22651 (L)
Public Property

APPENDIX D
GEOTECHNICAL REPORT

Sladden Engineering

45090 Golf Center Parkway, Suite F, Indio, CA 92201 (760) 863-0713
6782 Stanton Avenue, Suite C, Buena Park, CA 90621 (714) 523-0952
450 Egan Avenue, Beaumont, CA 92223 (951) 845-7743
www.Sladdenengineering.com

April 7, 2026

Project No. 444-26014
26-04-015

Kimley-Horn & Associates
401 B Street, Suite 600
San Diego, California 92101

Project: Norwalk Zone 5 & 6 Streets
Various Locations
Norwalk, California

Subject: Asphalt Pavement Coring Summary

Presented herewith is a summary of the coring conducted to evaluate the existing asphalt pavement thickness within Zones 5 & 6 in the City of Norwalk, California. The coring was requested to determine the existing asphalt pavement section thicknesses at various locations selected by Kimley-Horn & Associates.

The existing asphalt pavement was cored in seven (7) locations. The approximate core locations are indicated on the attached Coring Location Plan. The measured asphalt thicknesses are indicated in the following table.

TABLE 1
ASPHALT CORE THICKNESS

Core No.	*Location*	*Thickness (in)*	*Base Thickness (in)*	USCS
1	Arlee Avenue	3.00	5.00	SM
2	Brink Avenue	3.25	0	SM
3	Brink Avenue	3.00	0	ML
4	Bombardier Avenue	4.00	9.00	ML
5	Bombardier Avenue	3.50	7.50	ML
6	Zeus Avenue	3.00	7.00	ML
7	Zeus Avenue	3.00	7.00	ML

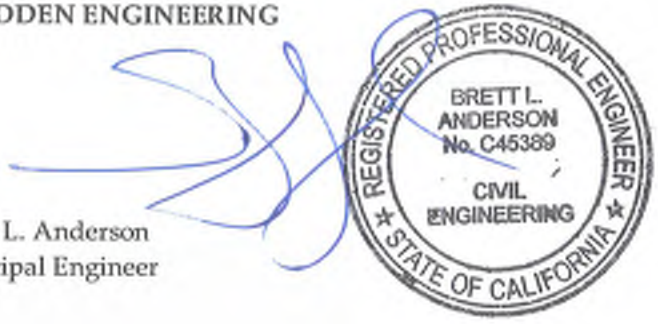
Samples of the subgrade soil obtained within our core locations were returned to the laboratory for R-Value determination. R-Value testing was performed in accordance with California Test Method No. 301. The R-Value test results are summarized in the following table and graphic representations of the test results are included in Appendix B of this report.

CORE NUMBER	DEPTH (FT)	USCS	R-VALUE	
			EXPANSION PRESSURE	EXUDATION PRESSURE
C-1	SG	SM	67	72
C-2	SG	SM	66	71
C-3	SG	ML	55	63
C-4	SG	ML	22	49
C-5	SG	ML	39	57
C-6	SG	ML	49	59
C-7	SG	ML	47	64

In addition, photographs of the core locations and the pavement conditions within the vicinity of the cores were obtained during the coring operations. Photographs are included in Appendix A.

We appreciate the opportunity to provide service to you on this project. If you have any questions regarding this report, please contact the undersigned

Respectfully submitted,
SLADDEN ENGINEERING



Brett L. Anderson
Principal Engineer

Coring/ra

Copies: pdf / Addressee

APPENDIX A

CORE LOCATION PLAN
PAVEMENT PHOTOGRAPHS



Sladden Engineering

Approximate Test Locations

Project Number:	444-26014
Report Number:	26-04-015
Date:	April 7, 2026

FIGURE

1



Sladden Engineering

Approximate Test Locations

Project Number:	444-26014
Report Number:	26-04-015
Date:	April 7, 2026

FIGURE

2

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6782 Stanton Avenue, Suite C, Buena Park, CA 90621 (714) 523-0952
450 Egan Avenue, Beaumont, CA 92223 (951) 845-7743

Client: Kimley-Horn & Associates	**Project Number: 444-26014**
Project Name: Pavement Evaluation and Coring	**Site Location: Zones 5 & 6, Norwalk, California**

Photograph Number: 1 of 15 **Date:** April 7, 2026 **Facing Direction:** NA **Comments:**	
Photograph Number: 2 of 15 **Date:** April 7, 2026 **Facing Direction:** NA **Comments:**	

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450 Egan Avenue, Beaumont, CA 92223 (951) 845-7743

Client: Kimley-Horn & Associates	**Project Number: 444-26014**
Project Name: Pavement Evaluation and Coring	**Site Location: Zones 5 & 6, Norwalk, California**

Photograph Number: 3 of 15 **Date:** April 7, 2026 **Facing Direction:** NA **Comments:**	
Photograph Number: 4 of 15 **Date:** April 7, 2026 **Facing Direction:** NA **Comments:**	

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6782 Stanton Avenue, Suite C, Buena Park, CA 90621 (714) 523-0952
450 Egan Avenue, Beaumont, CA 92223 (951) 845-7743

Client: Kimley-Horn & Associates	**Project Number: 444-26014**
Project Name: Pavement Evaluation and Coring	**Site Location: Zones 5 & 6, Norwalk, California**

Photograph Number: 5 of 15 **Date:** April 7, 2026 **Facing Direction:** NA **Comments:**	
Photograph Number: 6 of 15 **Date:** April 7, 2026 **Facing Direction:** NA **Comments:**	

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450 Egan Avenue, Beaumont, CA 92223 (951) 845-7743

Client: Kimley-Horn & Associates	**Project Number: 444-26014**
Project Name: Pavement Evaluation and Coring	**Site Location: Zones 5 & 6, Norwalk, California**

Photograph Number: 7 of 15 **Date:** April 7, 2026 **Facing Direction:** NA **Comments:**	
Photograph Number: 8 of 15 **Date:** April 7, 2026 **Facing Direction:** NA **Comments:**	

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450 Egan Avenue, Beaumont, CA 92223 (951) 845-7743

Client: Kimley-Horn & Associates	**Project Number: 444-26014**
Project Name: Pavement Evaluation and Coring	**Site Location: Zones 5 & 6, Norwalk, California**

Photograph Number: 9 of 15 **Date:** April 7, 2026 **Facing Direction:** **Comments:**	
Photograph Number: 10 of 15 **Date:** April 7, 2026 **Facing Direction:** **Comments:**	

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450 Egan Avenue, Beaumont, CA 92223 (951) 845-7743

Client: Kimley-Horn & Associates	**Project Number: 444-26014**
Project Name: Pavement Evaluation and Coring	**Site Location: Zones 5 & 6, Norwalk, California**

Photograph Number: 11 of 15	
Date: April 7, 2026	
Facing Direction:	
Comments:	
Photograph Number: 12 of 15	
Date: April 7, 2026	
Facing Direction:	
Comments:	

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450 Egan Avenue, Beaumont, CA 92223 (951) 845-7743

Client: Kimley-Horn & Associates	**Project Number: 444-26014**
Project Name: Pavement Evaluation and Coring	**Site Location: Zones 5 & 6, Norwalk, California**

Photograph Number: 13 of 15

Date: April 7, 2026

Facing Direction: NA

Comments:



Photograph Number: 14 of 15

Date: April 7, 2026

Facing Direction: NA

Comments:



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450 Egan Avenue, Beaumont, CA 92223 (951) 845-7743

Client: Kimley-Horn & Associates	**Project Number: 444-26014**
Project Name: Pavement Evaluation and Coring	**Site Location: Zones 5 & 6, Norwalk, California**

Photograph Number:
15 of 15

Date:
April 7, 2026

Facing Direction:

Comments:



APPENDIX B

Laboratory Test Results

Sladden Engineering
450 Egan Avenue, Beaumont, CA 92223 (951) 845-7743 Fax (951) 845-8863

RESISTANCE '*R*' VALUE AND EXPANSION PRESSURE

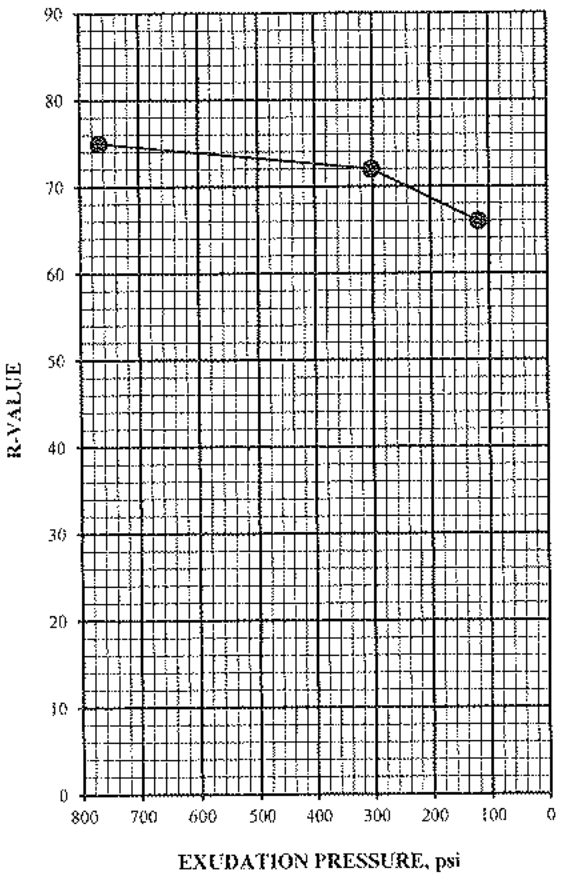
CTM 301

April 6, 2026

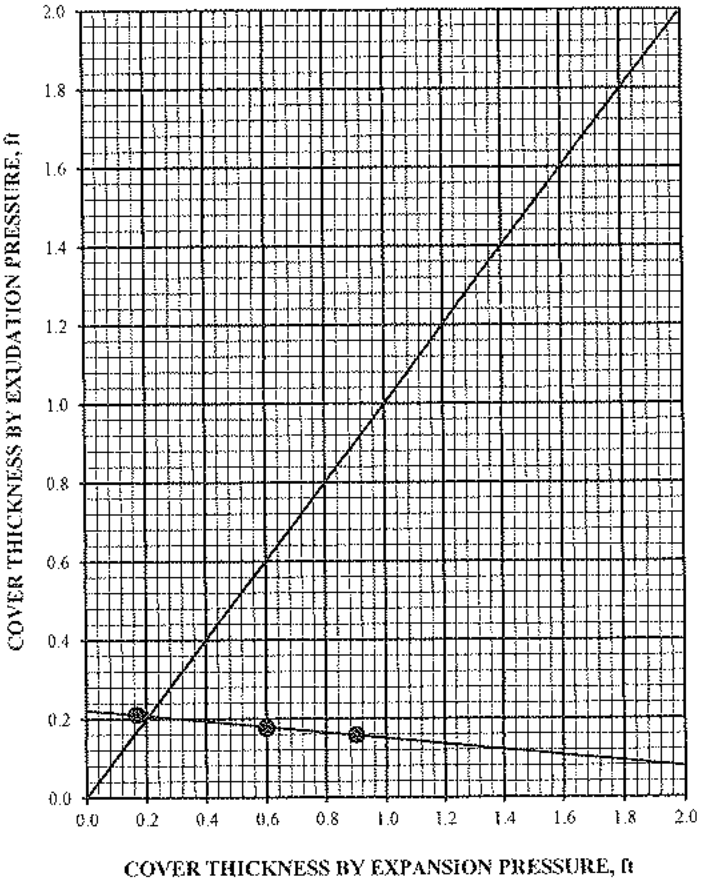
Project Number: 444-26014
Project Name: Norwalk Zones 5 & 6 Street Rehab
Lab ID Number: LN6-26030
Sample ID: C-1, Arlee Avenue
Sample Description: Dark Brown Silty Sand (SM)
Specified Traffic Index: 5.0

Dry Density @ 300 psi Exudation Pressure: 118.3-pcf
%Moisture @ 300 psi Exudation Pressure: 11.8%
R-Value - Exudation Pressure: 72
R-Value - Expansion Pressure: 67
R-Value @ Equilibrium: 67

EXUDATION PRESSURE CHART



EXPANSION PRESSURE CHART



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RESISTANCE '*R*' VALUE AND EXPANSION PRESSURE

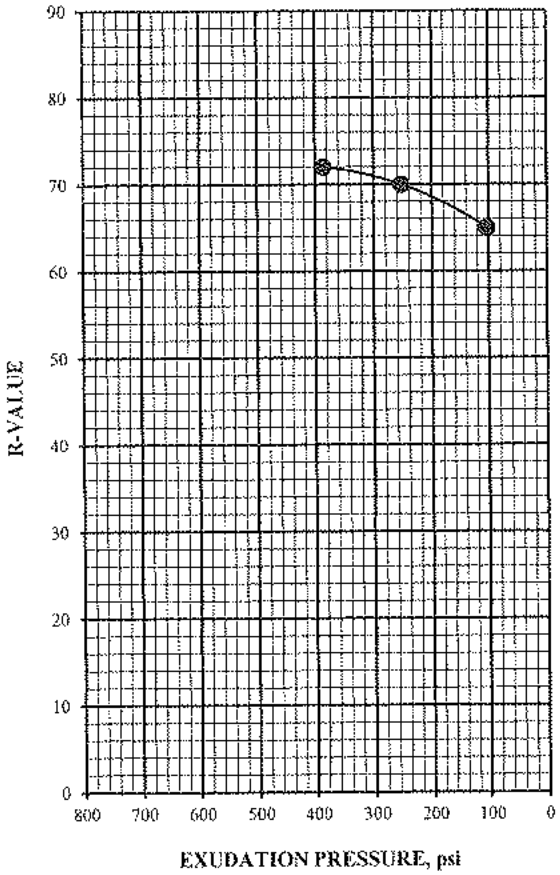
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April 6, 2026

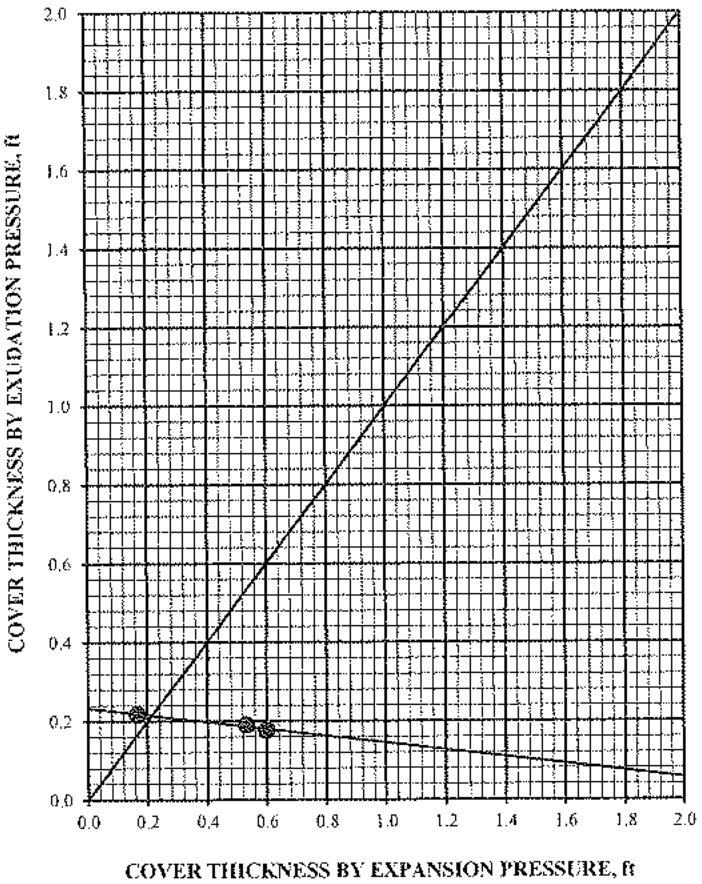
Project Number: 444-26014
Project Name: Norwalk Zones 5 & 6 Street Rehab
Lab ID Number: LN6-26030
Sample ID: C-2, Brink Avenue
Sample Description: Dark Brown Silty Sand (SM)
Specified Traffic Index: 5.0

Dry Density @ 300 psi Exudation Pressure: 117.3-pcf
%Moisture @ 300 psi Exudation Pressure: 12.0%
R-Value - Exudation Pressure: 71
R-Value - Expansion Pressure: 66
R-Value @ Equilibrium: 66

EXUDATION PRESSURE CHART



EXPANSION PRESSURE CHART



Sladden Engineering

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RESISTANCE '*R*' VALUE AND EXPANSION PRESSURE

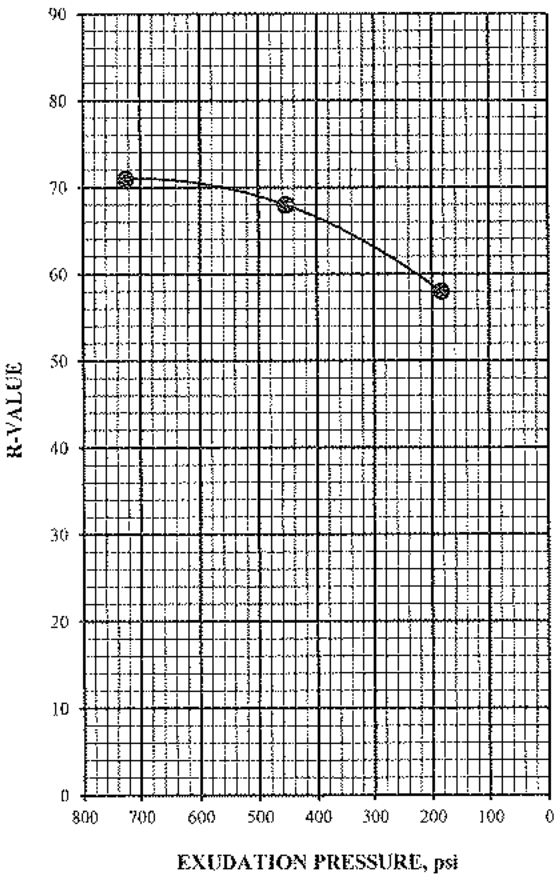
CTM 301

April 6, 2026

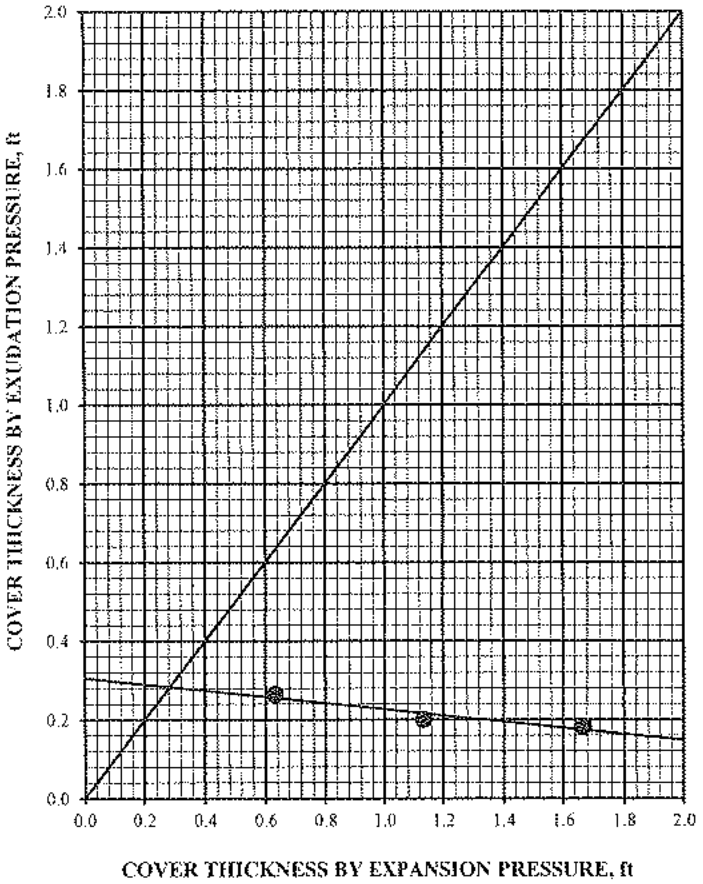
Project Number: 444-26014
Project Name: Norwalk Zones 5 & 6 Street Rehab
Lab ID Number: LN6-26030
Sample ID: C-3, Brink Avenue
Sample Description: Dark Brown Sandy Silt (ML)
Specified Traffic Index: 5.0

Dry Density @ 300 psi Exudation Pressure: 117.4-pcf
%Moisture @ 300 psi Exudation Pressure: 12.5%
R-Value - Exudation Pressure: 63
R-Value - Expansion Pressure: 55
R-Value @ Equilibrium: 55

EXUDATION PRESSURE CHART



EXPANSION PRESSURE CHART



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RESISTANCE '*R*' VALUE AND EXPANSION PRESSURE

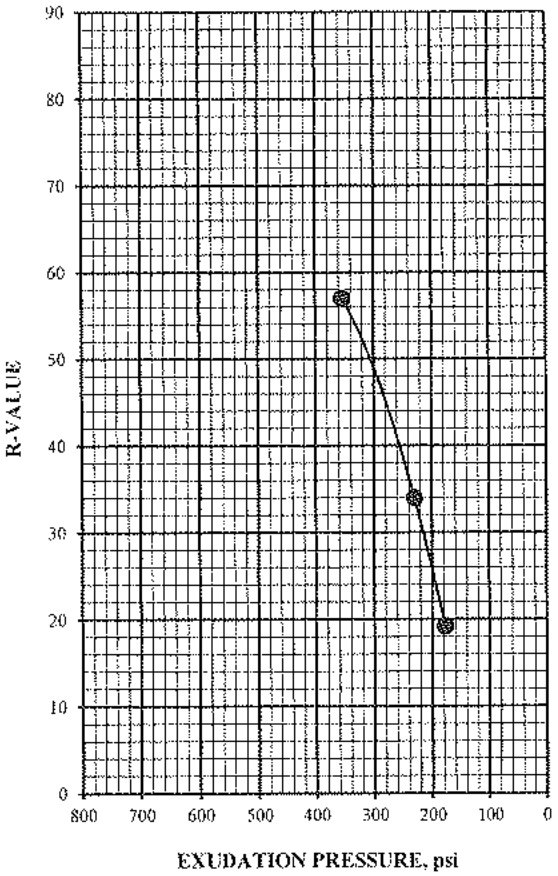
CTM 301

April 6, 2026

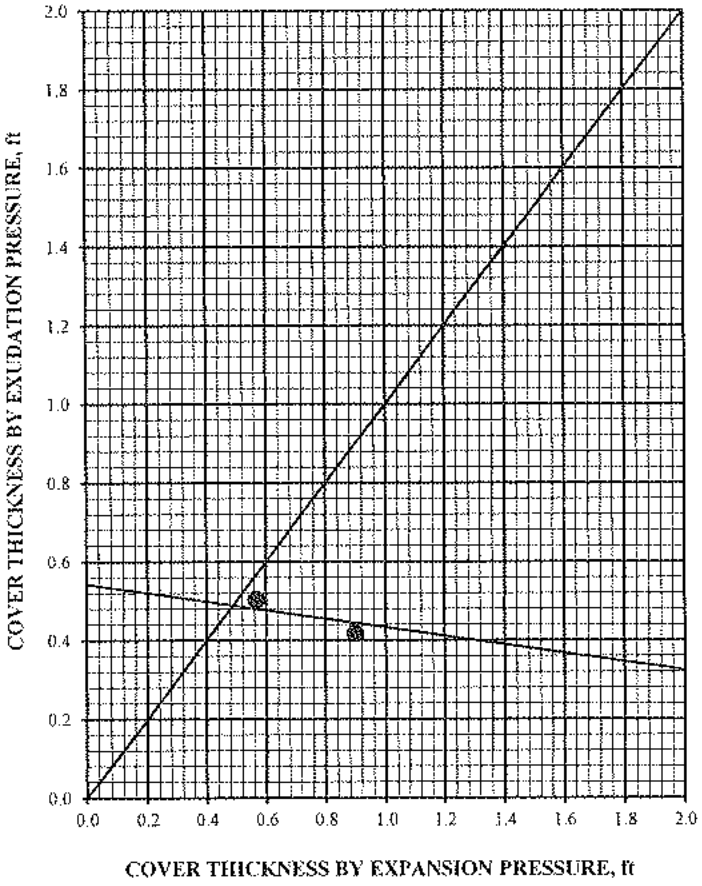
Project Number: 444-26014
Project Name: Norwalk Zones 5 & 6 Street Rehab
Lab ID Number: LN6-26030
Sample ID: C-4, Bombardier Avenue
Sample Description: Dark Brown Sandy Silt (ML)
Specified Traffic Index: 5.0

Dry Density @ 300 psi Exudation Pressure: 112.9-pcf
%Moisture @ 300 psi Exudation Pressure: 15.8%
R-Value - Exudation Pressure: 49
R-Value - Expansion Pressure: 22
R-Value @ Equilibrium: 22

EXUDATION PRESSURE CHART



EXPANSION PRESSURE CHART



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RESISTANCE '*R*' VALUE AND EXPANSION PRESSURE

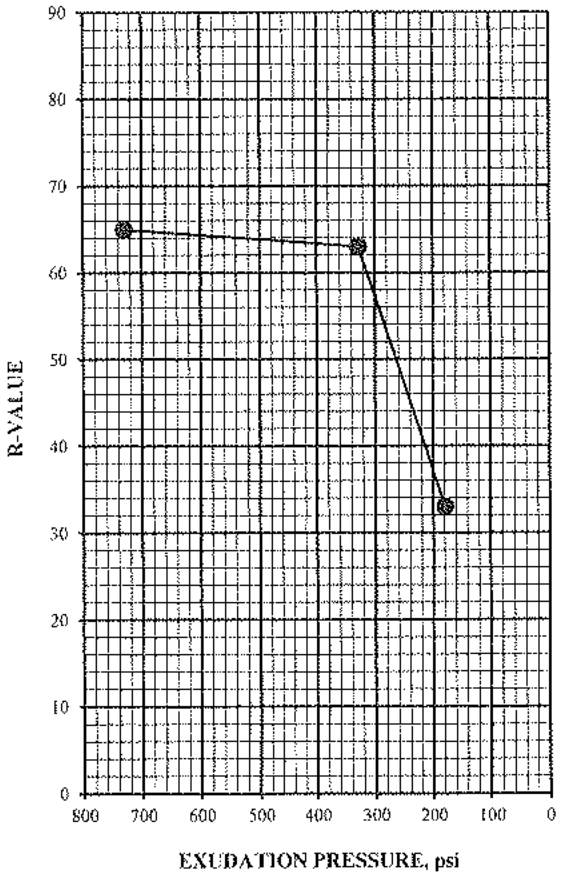
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April 6, 2026

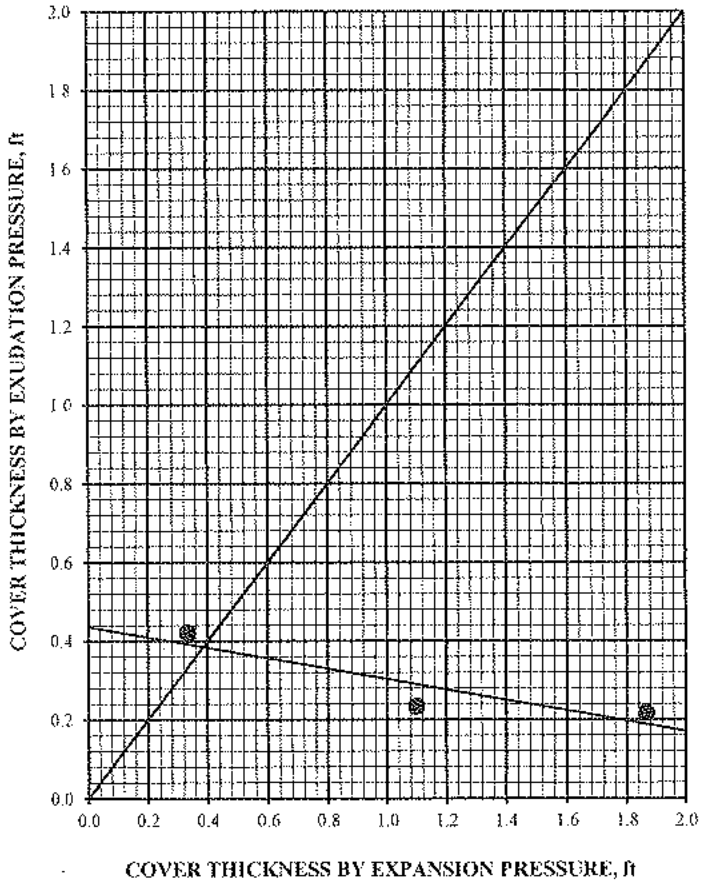
Project Number: 444-26014
Project Name: Norwalk Zones 5 & 6 Street Rehab
Lab ID Number: LN6-26030
Sample ID: C-5, Bombardier Avenue
Sample Description: Dark Brown Sandy Silt (ML)
Specified Traffic Index: 5.0

Dry Density @ 300 psi Exudation Pressure: 115.6-pcf
%Moisture @ 300 psi Exudation Pressure: 14.3%
R-Value - Exudation Pressure: 57
R-Value - Expansion Pressure: 39
R-Value @ Equilibrium: 39

EXUDATION PRESSURE CHART



EXPANSION PRESSURE CHART



Sladden Engineering

450 Egan Avenue, Beaumont, CA 92223 (951) 845-7743 Fax (951) 845-8863

RESISTANCE 'R' VALUE AND EXPANSION PRESSURE

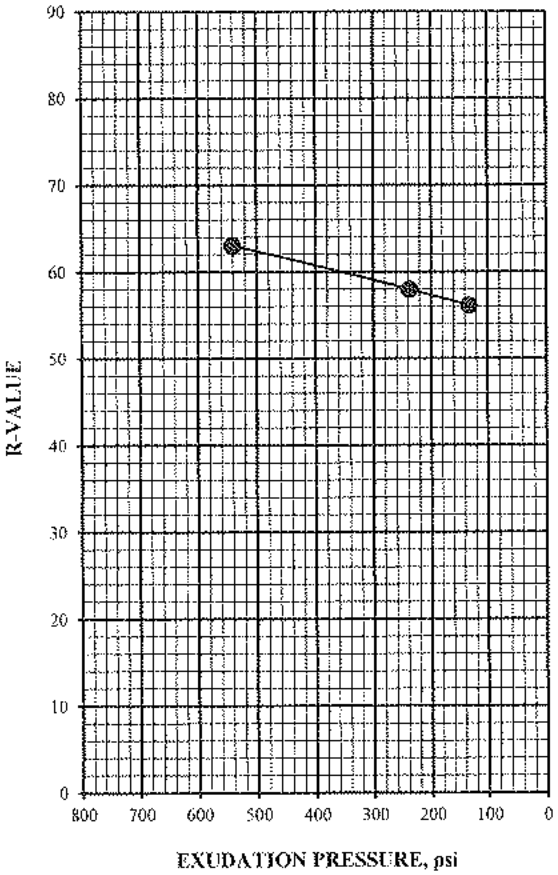
CTM 301

April 6, 2026

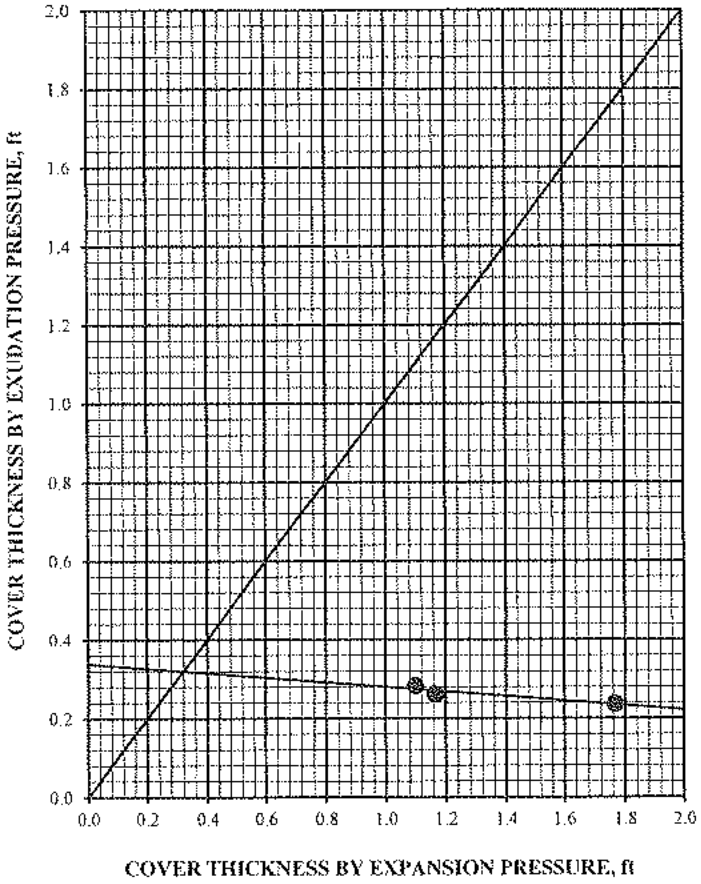
Project Number: 444-26014
Project Name: Norwalk Zones 5 & 6 Street Rehab
Lab ID Number: LN6-26030
Sample ID: C-6, Zeus Avenue
Sample Description: Dark Brown Sandy Silt (ML)
Specified Traffic Index: 5.0

Dry Density @ 300 psi Exudation Pressure: 101.6-pcf
%Moisture @ 300 psi Exudation Pressure: 24.7%
R-Value - Exudation Pressure: 59
R-Value - Expansion Pressure: 49
R-Value @ Equilibrium: 49

EXUDATION PRESSURE CHART



EXPANSION PRESSURE CHART



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RESISTANCE '*R*' VALUE AND EXPANSION PRESSURE

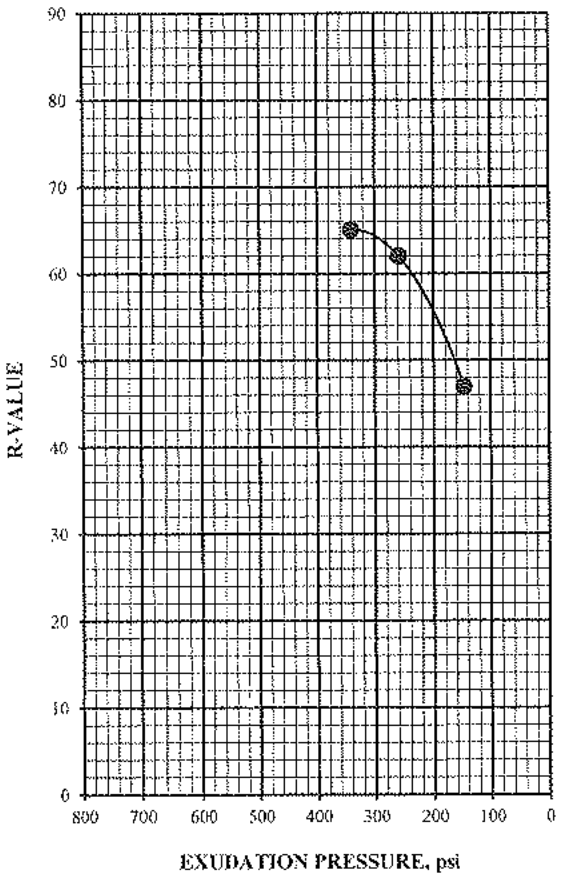
CTM 301

April 6, 2026

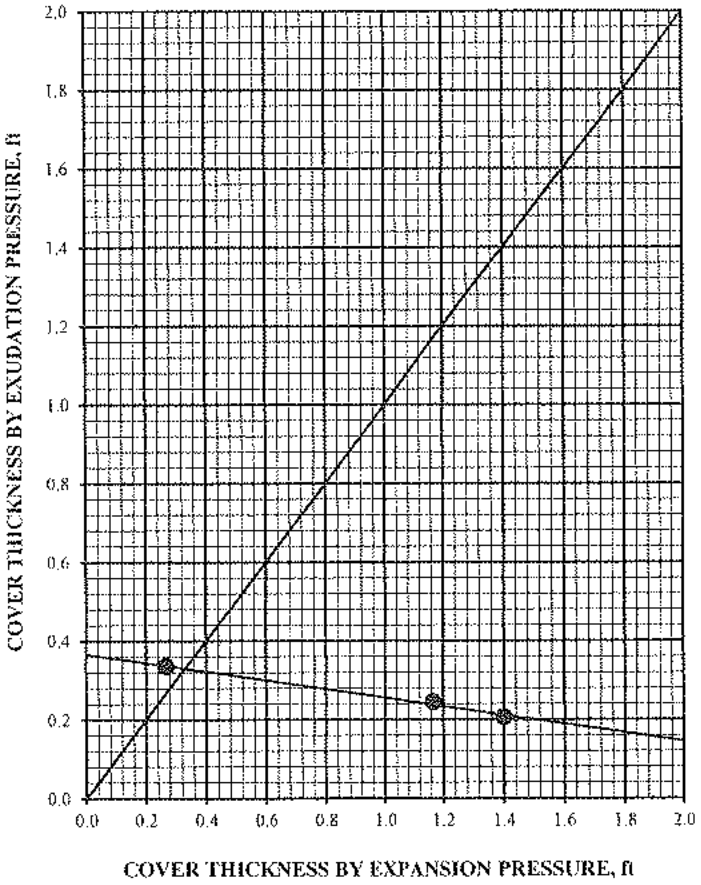
Project Number: 444-26014
Project Name: Norwalk Zones 5 & 6 Street Rehab
Lab ID Number: LN6-26030
Sample ID: C-7, Zeus Avenue
Sample Description: Dark Brown Sandy Silt (ML)
Specified Traffic Index: 5.0

Dry Density @ 300 psi Exudation Pressure: 114.4-pcf
%Moisture @ 300 psi Exudation Pressure: 13.2%
R-Value - Exudation Pressure: 64
R-Value - Expansion Pressure: 47
R-Value @ Equilibrium: 47

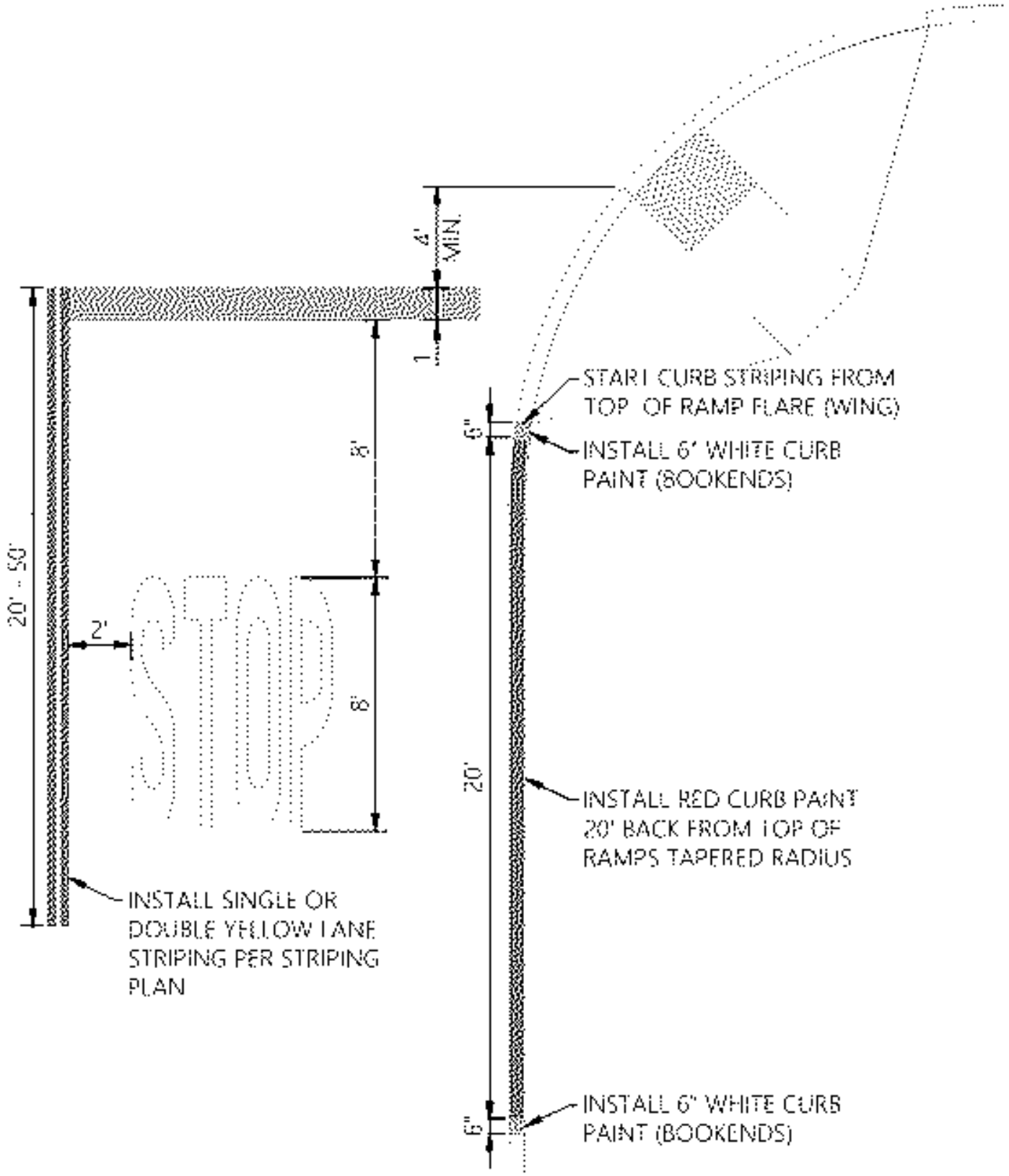
EXUDATION PRESSURE CHART



EXPANSION PRESSURE CHART



APPENDIX E
RED CURB INSTALLATION DETAIL

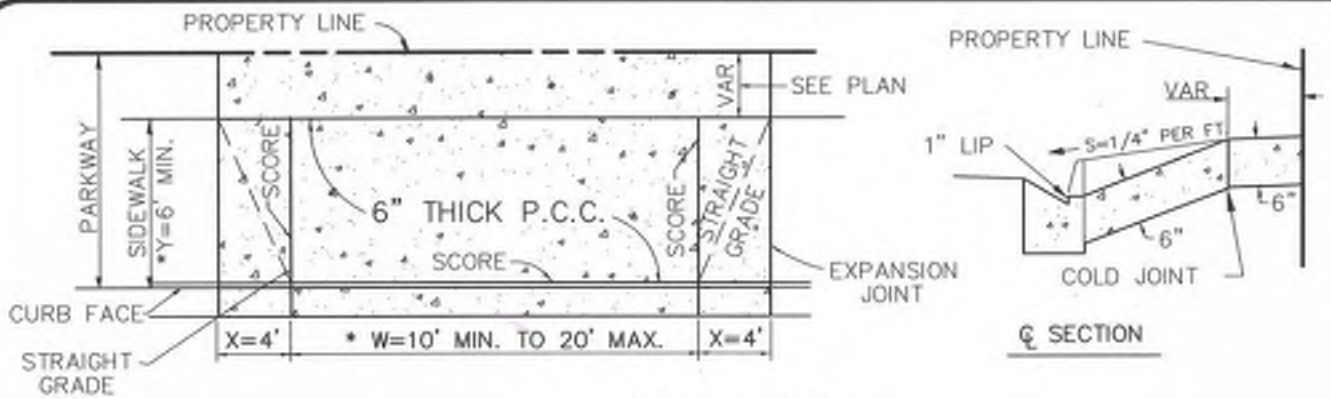


STOP LEGEND STRIPING & RED CURB INSTALLATION DETAIL:

(TYP. - SEE PLAN)

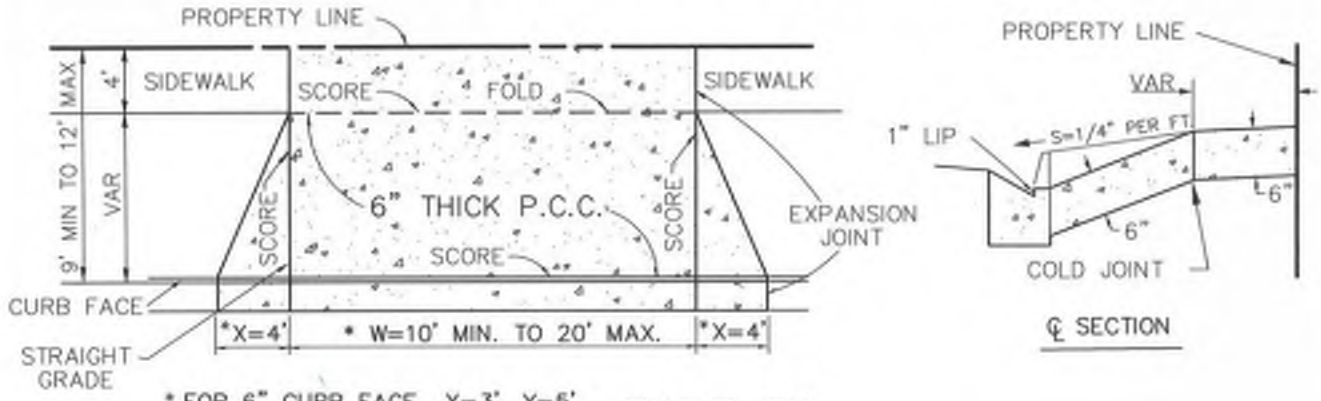
SCALE: NTS

APPENDIX F
CITY OF NORWALK STANDARD PLANS



TYPE R2

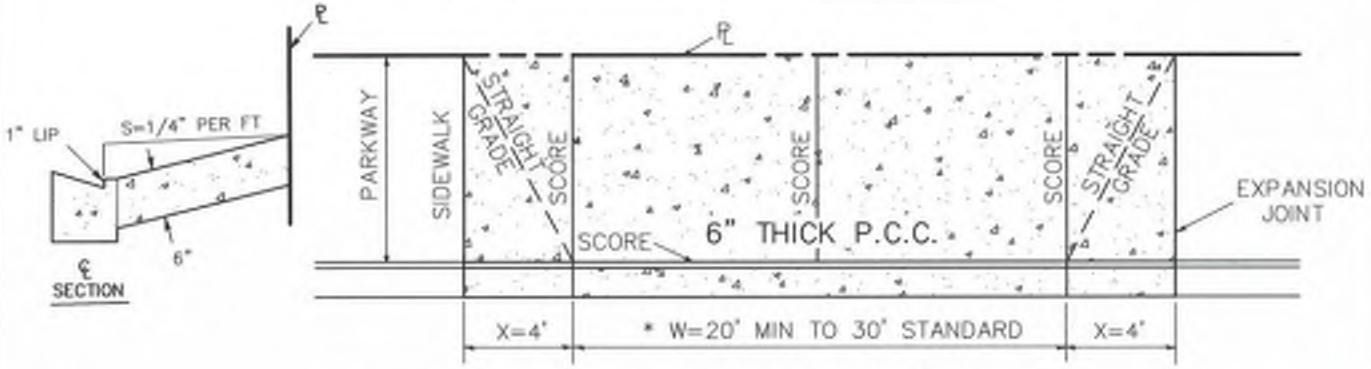
RESIDENTIAL – SIDEWALK ADJACENT TO CURB OR PARKWAY LESS THAN 9'.



* FOR 6" CURB FACE X=3', Y=5'

TYPE R1

RESIDENTIAL – PARKWAY 9' AND GREATER



TYPE R3

RESIDENTIAL

* MAXIMUM WIDTH FOR RESIDENTIAL DRIVE APPROACH SHALL BE NO GREATER THAN WIDTH OF GARAGE DOOR

City of NORWALK

RESIDENTIAL DRIVE APPROACHES

ENGINEERING DIVISION
Approved
Date 10/18/16
City Engineer R.C.E. 48667

DATE	REVISION	STD. PLAN NUMBER
		101A
		SHEET 1 OF 2

NOTES:

1. DRIVE APPROACHES SHALL BE MADE OF CLASS 560-C-3250 (6 SACK) PORTLAND CEMENT CONCRETE, PLACED ON WELL COMPACTED SOIL.
2. IF CONSTRUCTING NEW DRIVE APPROACH ON EXISTING STREET, CONTRACTOR SHALL REMOVE AND REPLACE EXISTING CURB AND GUTTER AND MINIMUM 12" WIDE STREET SECTION. UNLESS MODIFIED BY THE CITY ENGINEER, ASPHALT REPLACEMENT SHALL BE 1" THICKER THAN EXISTING, 5" MINIMUM.

   PAVEMENT REPLACEMENT ON MINOR STREET IS TO BE 1" C2-PG-64-10 ASPHALT CAP OVER 4" B-PG-64-10 BASE PAVING OVER 90% COMPACTED AGGREGATE BASE.
3. CURB AND GUTTER SHALL BE PER NORWALK STANDARD 104.
4. PLACE WEAKENED PLANE JOINT ON CENTERLINE OF APPROACH WHEN W=12' OR MORE.
5. MINIMUM DISTANCE BETWEEN ADJACENT DRIVE APPROACHES IS 3 FEET, OTHERWISE A CONTINUOUS DRIVE IS REQUIRED.
6. DRIVE APPROACHES SHALL BE A MINIMUM OF 5' FROM CURB RETURNS.
7. A FULL DEPTH COLD JOINT IS REQUIRED BEHIND ALL DRIVE APPROACHES.
8. CONCRETE SURFACE TO HAVE MEDIUM BROOM FINISH.
9. IF EXISTING SIDEWALK IN BACK OF DRIVE APPROACH IS LESS THAN 6", IT SHALL BE REPLACED TO A 6" DEPTH.
10. TYPE R3 DRIVE APPROACH SHALL BE USED ONLY IF APPROVED BY THE CITY ENGINEER.

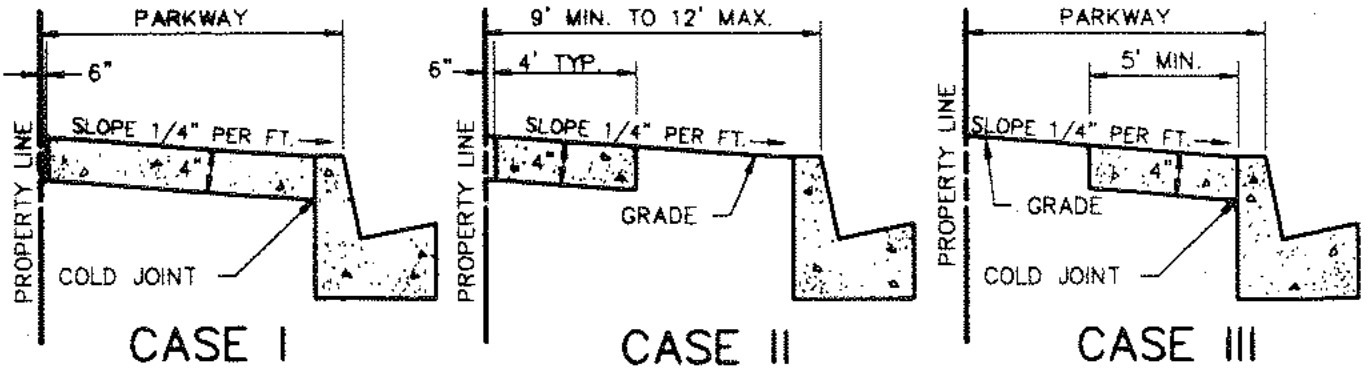
City of NORWALK

RESIDENTIAL DRIVE APPROACHES

ENGINEERING DIVISION
Approved _____ Date 10/16/18
City Engineer R.C.E. 48667

DATE	REVISION

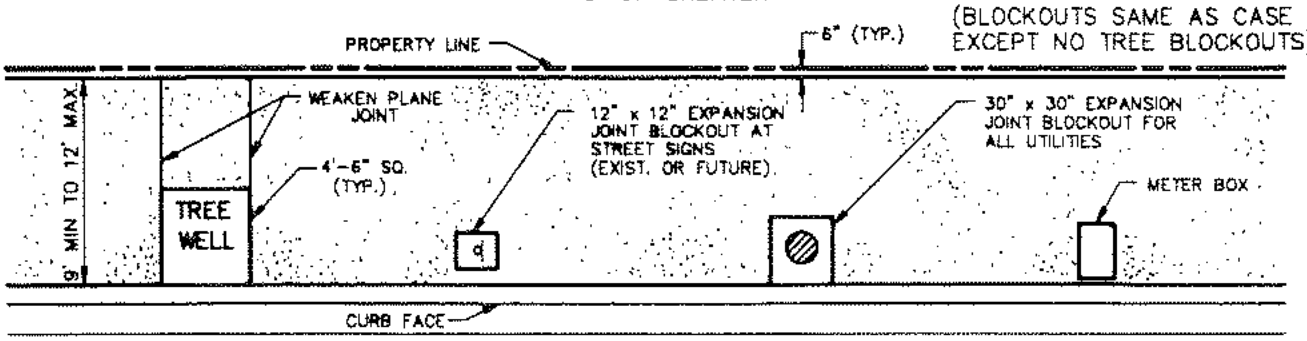
STD. PLAN NUMBER
101B
SHEET 2 OF 2

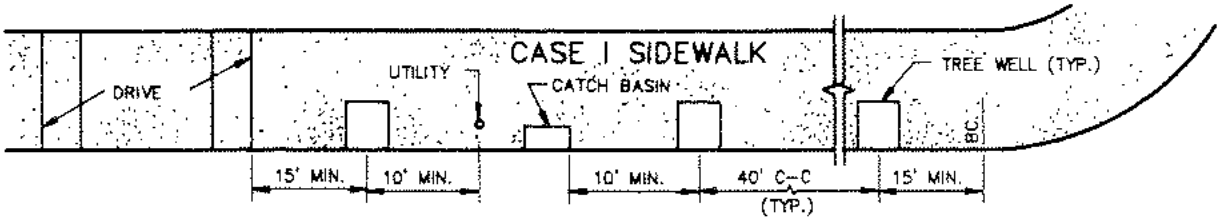


CASE I
COMMERCIAL OR PARKWAY
LESS THAN 9' WIDE

CASE II
RESIDENTIAL PARKWAY
9' OR GREATER

CASE III
RESIDENTIAL SIDEWALK
ADJACENT TO CURB
(BLOCKOUTS SAME AS CASE I
EXCEPT NO TREE BLOCKOUTS)





NOTES:

1. SIDEWALKS SHALL BE CONSTRUCTED WITH A 6" MIN. CLEARANCE FROM STANDARD WIDTHS EXCEPT WHEN REQUIRED TO MATCH EXISTING IMPROVEMENTS.
2. REMOVE CONCRETE AT A SCORE LINE WITH A SAWCUT.
3. CONCRETE SHALL BE CLASS 520-C-2500 (5.5 SACK) PORTLAND CEMENT CONCRETE.
4. PLACE EXPANSION JOINTS AT CURB RETURNS AND AT A MAX. 60" SPACING. PLACE WEAKENED PLANE JOINTS AT 12' SPACING. SCORE AS DIRECTED BY THE INSPECTOR.
5. UNLESS OTHERWISE SPECIFIED, TYPE 1 CURING COMPOUND SHALL BE USED.
6. TROWEL SIDEWALK SMOOTH WITH LIGHT BROOM FINISH PERPENDICULAR TO THE CURB.
7. A FULL DEPTH COLD JOINT IS REQUIRED BEHIND ALL CURBS.

City of NORWALK

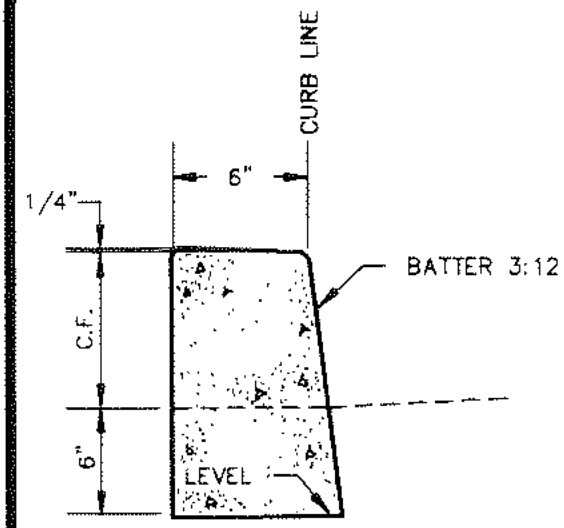
SIDEWALK DETAILS

TRANSPORTATION & ENGINEERING DEPARTMENT

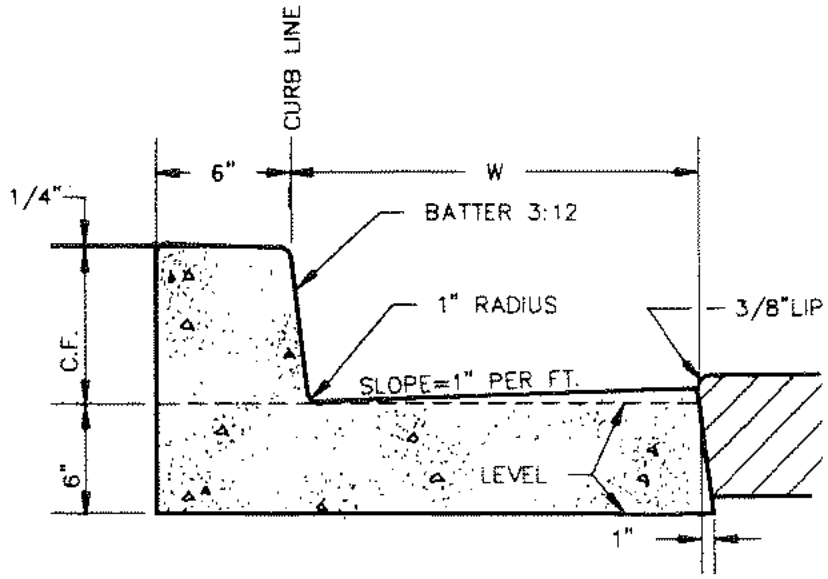
Approved C. A. Buckner Date 9-20-90

City Engineer R.C.E. 20903

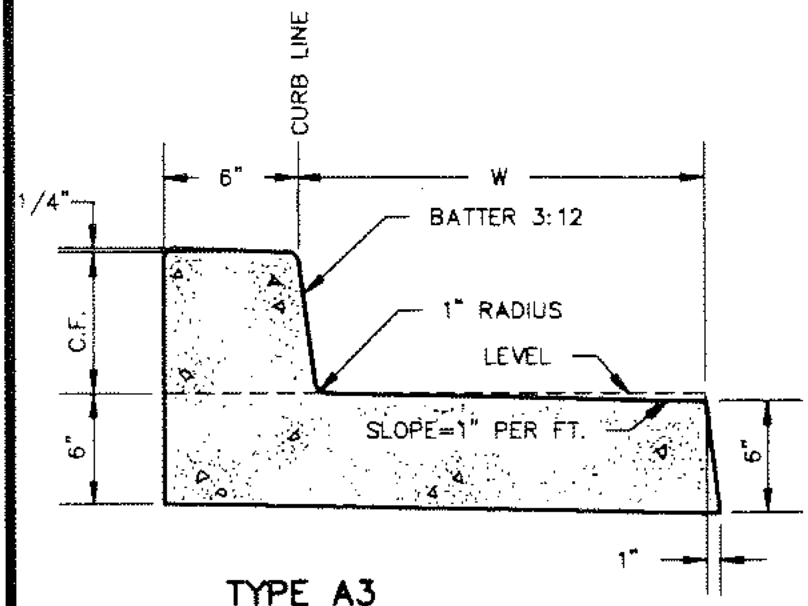
DATE	REVISION	STD. PLAN NUMBER
		104
		SHEET 1 OF 1



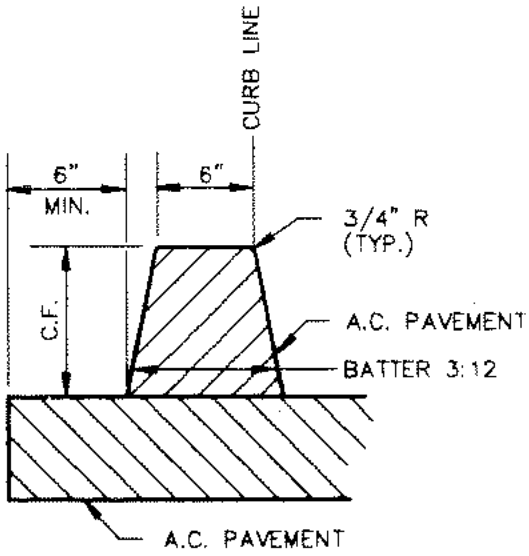
TYPE A1



TYPE A2



TYPE A3

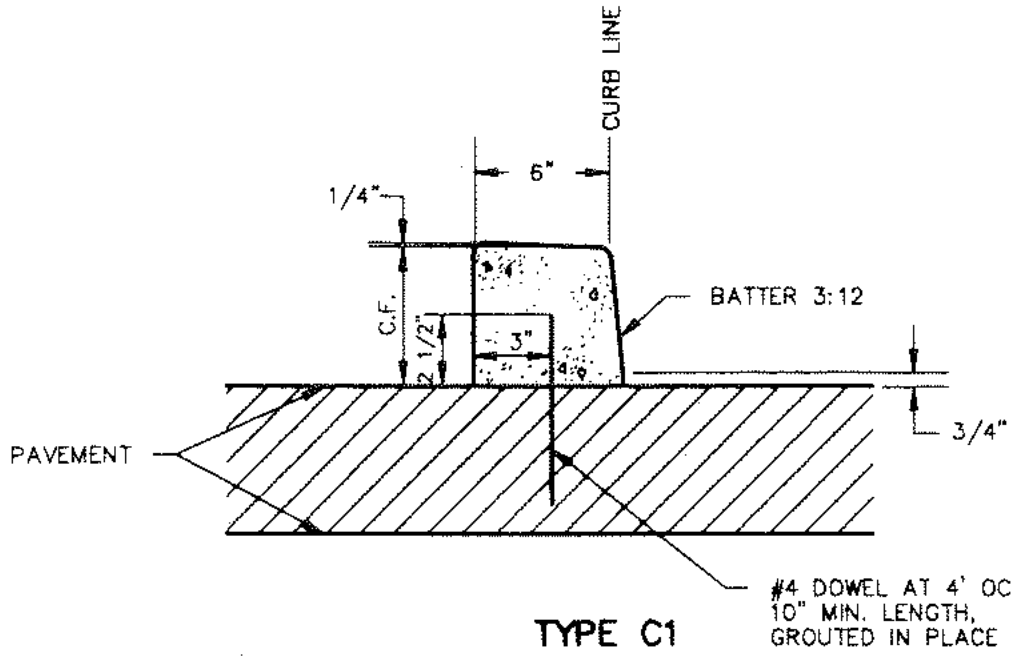


TYPE B1

City of NORWALK

CURB AND GUTTER DETAILS

TRANSPORTATION & ENGINEERING DEPARTMENT	DATE	REVISION	STD. PLAN NUMBER
Approved [signature] Date 9-20-90			105A
City Engineer R.C.E. 20903			SHEET 1 OF 2



TYPE C1

NOTES:

1. ALL DIMENSIONS ARE MEASURED IN INCHES.
2. CURB FACE HEIGHT PER PLAN.
3. "W" IS 24" UNLESS OTHERWISE SPECIFIED.
4. TYPES A1, A2, A3 AND C1 ARE CONSTRUCTED OF PORTLAND CEMENT CLASS 520-C-2500.
5. TYPE C1 CURB SHALL BE ANCHORED WITH DOWELS AS SHOWN, OR WITH AN EPOXY APPROVED BY THE ENGINEER.
6. GRADE SHALL BE MEASURED AT CURB LINE AT TOP OF CURB.
7. ALL EXPOSED CORNERS ON PCC CURBS AND GUTTERS TO BE ROUNDED WITH A 1/2" RADIUS, UNLESS OTHERWISE SPECIFIED.

City of NORWALK

CURB AND GUTTER DETAILS

TRANSPORTATION & ENGINEERING DEPARTMENT

Approved C. A. Buckmaster Date 9-20-90

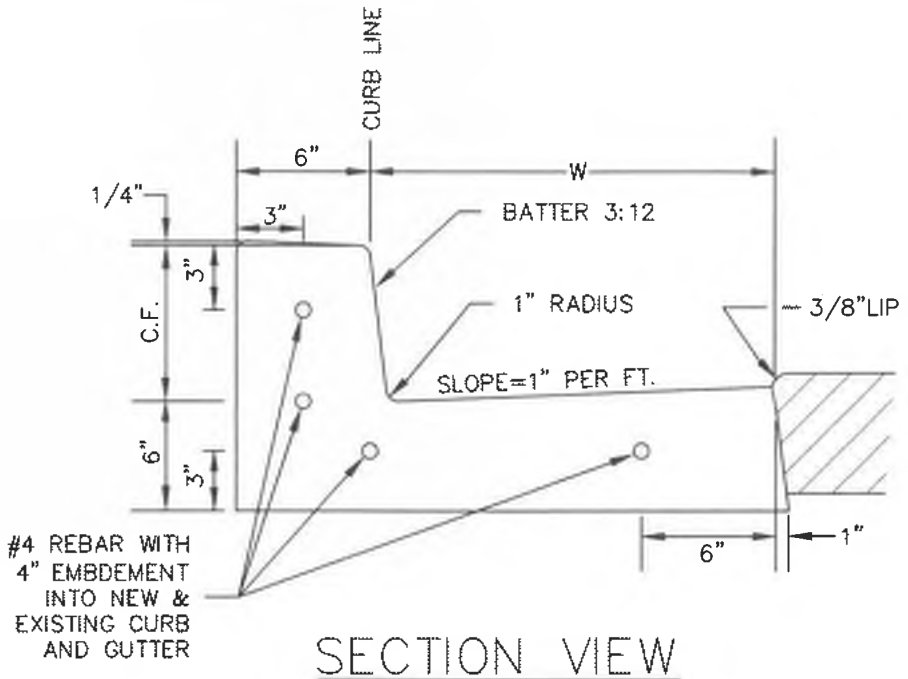
City Engineer R.C.E. 20903

DATE	REVISION

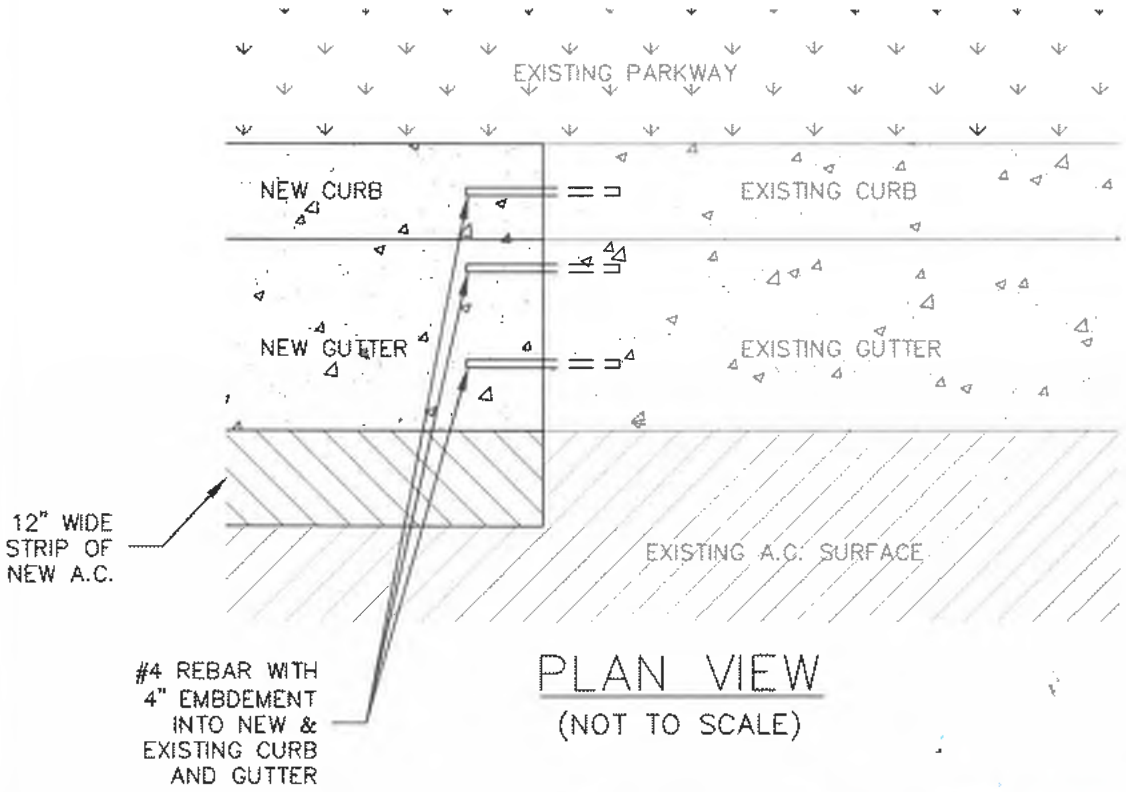
STD. PLAN NUMBER

105B

SHEET 2 OF 2



SECTION VIEW
(NOT TO SCALE)



PLAN VIEW
(NOT TO SCALE)

engineering division	CITY OF NORWALK
REVISIONS DATE BY	TITLE: CURB AND GUTTER REPAIR DOWEL DETAILS
Approved [signature] 6/14/21 CITY ENGINEER RCE 50887 DATE	PROJECT NO.
Recommended [signature] 06.14.21 DATE	STD. PLAN NUMBER 105-R
FIELD BOOK REF. PLAN REF.	Drawn By D.A. Checked By -- SHEET 1 OF 1

S:\4-LIBRARY STANDARD\CITY STANDARDS\STD105R.DWG REV: 2020-12-18