INVITATION FOR BID #LMIG2026
FOR
MILLING, PATCHING AND RESURFACING
OF APPROXIMATELY 2.567 MILES
ON VARIOUS CITY STREETS,
ETC. SUWANEE, GEORGIA
ADDENDUM 1

1. With this current bid date of July 6, 2026, this project will be very difficult to get the best pricing. Several major subcontractors will be not issuing quotes this close to the 4th of July holiday weekend so pricing will be most likely inflated. Can the city please push this bid date to at least later in the week so that all contractors can get the best pricing possible?
   The public bid opening for this project has been moved to Wednesday July 8th, 2026 at 2:05 P.M. local time.

2. What documents are required to be turned in with this bid?
   A bid tab form complete with pricing, a signed contract (with corporate seal included), a signed and notarized Contractor Affidavit (Exhibit "B" in the bid documents), and a five percent (5%) bid bond are required to be turned in for this bid.

3. How many copies of the bid are required when turning the bid in?
   One (1) copy of the original bid submittal is required when turning the bid in.

4. Is there a bid bond form?
   No, the city does not provide a bid bond form.

5. What is the intended depth of the patches?
   The intended depth of the patches for this project is two and a half inches (2.5").

6. There is a pay item for both 9.5mm and 12.5mm asphalt. Can you specify which roads get which type of asphalt
   1. Biscayne Way: 9.5mm asphalt
   2. Grand Teton Parkway: 9.5mm asphalt
   3. Lake Station Court: 9.5mm asphalt
   4. Meadowbrook Circle: 9.5mm asphalt
   5. Northolt Parkway: 12.5mm asphalt
   6. Pierce Arrow Circle: 9.5mm asphalt
   7. Pointview Court: 9.5mm asphalt
   8. Treadstone Court: 9.5mm asphalt

7. Can you specify the spread rate for each type of asphalt or each road if it is to vary?
    1. Biscayne Way: 9.5mm asphalt, spread rate = 165 lbs/yd^2
    2. Grand Teton Parkway: 9.5mm asphalt, spread rate = 165 lbs/yd^2
    3. Lake Station Court: 9.5mm asphalt, spread rate = 165 lbs/yd^2
    4. Meadowbrook Circle: 9.5mm asphalt, spread rate = 165 lbs/yd^2
    5. Northolt Parkway: 12.5mm asphalt, spread rate = 165 lbs/yd^2
    6. Pierce Arrow Circle: 9.5mm asphalt, spread rate = 165 lbs/yd^2
    7. Pointview Court: 9.5mm asphalt, spread rate = 165 lbs/yd^2
    8. Treadstone Court: 9.5mm asphalt, spread rate = 165 lbs/yd^2

8. Can the city please describe, in as much detail as possible, the paving limits of Northolt Pkwy? What are the expectations for paving around the intersections at Wanstead Park Dr and paving at the intersection at Sutton Gate Dr? Is the contractor to expected to pave through these intersections or pick up before and after crosswalks etc??
   Please see attachments A.1 and A.2 with limits of paving on Northolt Parkway. The limits of paving have also been marked in the field. The city expects the thermoplastic paver crosswalks to be replaced at the intersection of Northolt Parkway and Wanstead Park Drive. The city expects for the crosswalks **only** on Northolt Parkway to be replaced at the intersection of Northolt Parkway and Sutton Gate Drive (the existing thermoplastic paver crosswalks on Sutton Gate Drive will remain).

9. Will temporary tripod advanced warning signs be acceptable for this contract?
   Temporary tripod advanced warning signs are acceptable for this contract.

10. If manhole/water valve adjustments are needed, please add an item to the bid schedule and advise if it is concrete collar or risers that are wanted for said adjustments.
    Water valve adjustments are not required for this project. Manhole adjustments are required for this project. Manhole risers and concrete collars are both acceptable methods for manhole adjustments.

11. Can product specification details be provided for the Thermoplastic Paver Crosswalk?
    Please see attachment B (GDOT Standard Specification Section 659 – Hot Applied Performed Plastic Pavement) and attachment C (GDOT Standard Detail T-11A).

12. Will post-mounted advanced warning signs be required or will tripods suffice?
    Tripod advanced warning signs are acceptable.

13. Are all manhole adjustments to match Gwinnett County standards? Will they require a concrete collar as per Gwinnett County?
    Yes, all manhole adjustments are to match Gwinnett County standards. Concrete collars and manhole risers are both acceptable methods for manhole adjustments.

14. Will any water valves be adjusted as well?
    No, water valves will not be adjusted for this project.

15. Will a Shuttle Buggy be required for the 12.5 MM roads?
    No, a Shuttle Buggy will not be required for the 12.5mm asphalt road.

16. Please confirm order of operations. Are roads to be edge milled, patched, crack filled and resurfaced or patched first?
    The order of operations listed above is acceptable. The city prefers patching first, then edge mill, crack fill, and resurface. A milled road can stay uncovered for a week, or 7 days, before topping needs to be installed to cover the milled road.

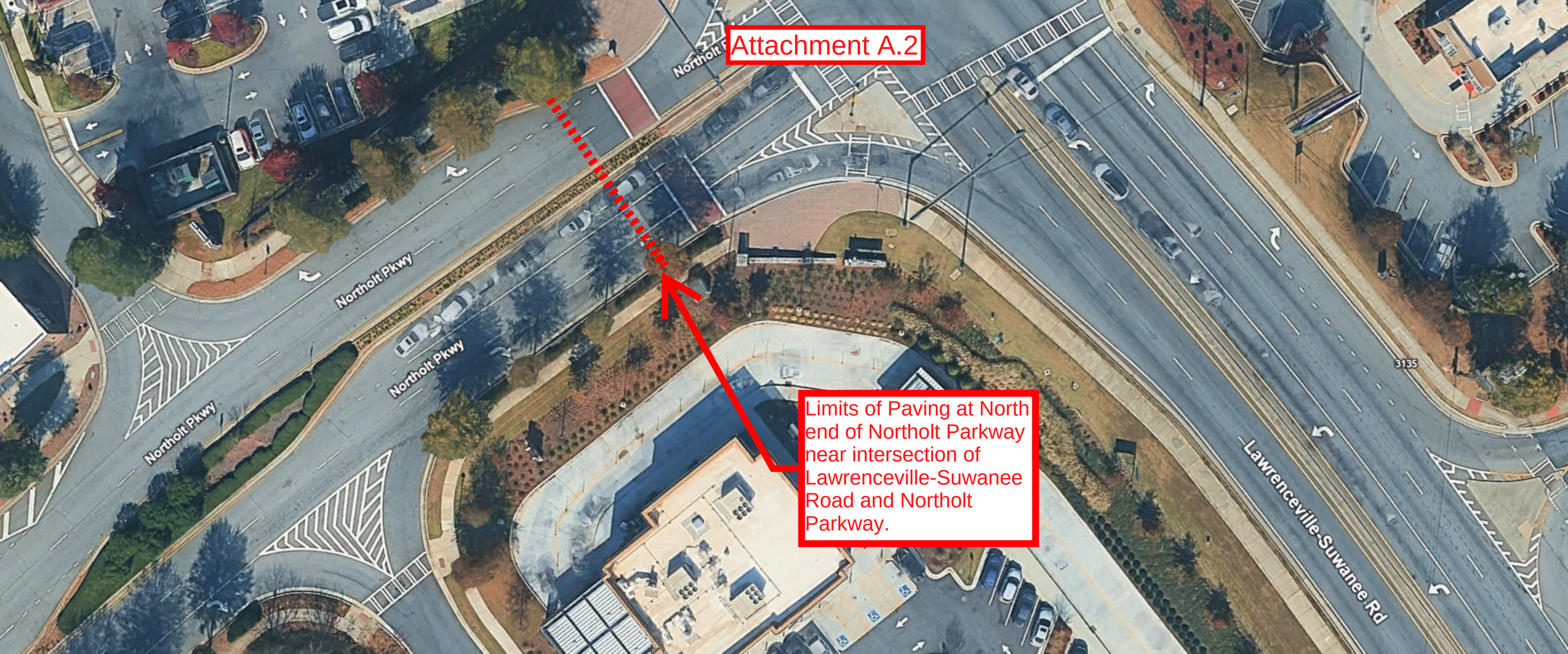
17. Are all patches 7' wide?
    Some patch areas are wider than seven feet (7'), but the minimum patch width for all patches is seven feet (7') wide.

18. What is the minimum depth of the patches?
    The minimum depth of patches is two and a half inches (2.5")

19. Will a sweeper truck be required for the street sweeping?
    Street sweeping and debris removal is required for this project. Any equipment capable of street sweeping is acceptable.

20. Will any message boards be required?
    No, message boards are not required for this project but citizen notification in the areas where construction will take place is required.


Attachment A.1
Northolt Pkwy
Northolt Pkwy
McGinnis Ferry Rd
3123
3113
Limits of Paving at South end of Northolt Parkway near intersection of McGinnis Ferry Road and Northolt Parkway.


Attachment A.2
Limits of Paving at North end of Northolt Parkway near intersection of Lawrenceville-Suwanee Road and Northolt Parkway.
Northolt Pkwy
Northolt Pkwy
Northolt Pkwy
Lawrenceville-Suwanee Rd
3135

Attachment B

Section 659—Hot Applied Preformed Plastic Pavement Markings

659.1 General Description

This work includes furnishing and placing hot applied preformed plastic pavement markings according to these specifications and at locations shown in the plans or as otherwise directed. Use applied markings that are very durable, impervious to oil and grease, and provide immediate and continuing retro-reflectivity. Use hot applied preformed plastic pavement markings compatible with existing alkyd and hydrocarbon thermoplastic material.

659.1.01 Definitions

General Provisions 101 through 150.

659.1.02 Related References

A. Standard Specifications

General Provisions 101 through 150.

B. Referenced Documents

Federal Standard 595

Manual on Uniform Traffic Control Devices for Streets and Highways

AASHTO M 247

AASHTO M 249

ASTM E 274

ASTM E 303

ASTM D 476

QPL 74

659.1.03 Submittals

Transfer to the Department all manufacturer warranties or guarantees for heat-applied preformed plastic marking materials. Ensure warranties or guarantees can be transferred.

659.2 Materials

Select one of the following types of preformed marking material according to the plans and proposal.

Type HA – Hot Applied Preformed Thermoplastic Marking

Type HA-BLM – Hot Applied Preformed Thermoplastic Marking - Bike Lane Marking

Type HA-CBL - Hot Applied Preformed Thermoplastic Marking – Colorized Bike Lane

For a list of sources, see QPL-74.

A. Marking Characteristics

Ensure markings have the following characteristics:

1. Composition

   Use pavement marking material consisting of a homogeneous mixture of high-quality hydrocarbon resin, alkyd resin, or modified ester rosin solution in conjunction with aggregates, pigments, binders, and glass beads. Use thermoplastic material conforming to AASHTO M 249, except for relevant differences due to the material being supplied in a preformed state.

   a. Ensure Type HA-CBL pavement marking material contains no glass beads.

b. Ensure Type HA and Type HA-BLM pavement marking materials contain at least 30% glass beads conforming to AASHTO M 247, Type 1. Use clear and transparent glass beads with a minimum index of refraction of 1.50 and at least 80% being true spheres.

2. Color

a. White

Use white markings containing at least 8% by weight of titanium dioxide pigment meeting ASTM D 476, Type II, Rutile. Ensure color meets Federal Highway White, Color 17886, as per Federal Standard 595. Use white markings with a minimum daylight reflectance (Y value) at 45°/0° of 80%.

b. Yellow

Use yellow markings containing sufficient yellow pigment to ensure the color meets Federal Highway Yellow, Color 13538, as per Federal Standard 595. Use yellow markings with a minimum daylight reflectance (Y value) at 45°/0° of 45%.

c. Colorized Bike Lane (Type HA-CBL)

Ensure colorized bike lane material meet the color requirements of the Manual on Uniform Traffic Control Devices.

3. Shapes and Sizes

Ensure prefabricated legends and symbols conform to the applicable shapes and sizes outlined in the "Manual on Uniform Traffic Control Devices for Streets and Highways." As an option, turn arrows and combination arrows may come without pre-applied surface glass beads to allow reversibility.

4. Thickness

Ensure Type HA pavement marking material is at least 0.125 in. (3.175 mm) thick.

Ensure Type HA-CBL and Type HA-BLM pavement marking materials are at least 0.090 in. (2.286 mm) thick.

5. Retro-reflectivity

Obtain pavement marking retro-reflectivity values with a 30 meter geometry retro-reflectometer.

Use preformed markings meeting the following initial minimum reflectivity values:

a. Non-Bike Lane Markings (Type HA)

	White	Yellow
Dry (ASTM E 1710)	mcd/lux/m2	d/lux/m2

b. Colorized Bike Lanes (Type HA-CBL)

Colorized bike lanes do not contain glass beads or reflective elements. Thus, colorized bike lanes are non-reflective.

c. Markings inside the Bike Lane (Type HA-BLM)

	White	Yellow
Dry (ASTM E 1710)	mcd/lux/m2	--

6. Skid Resistance

Ensure the surface of Type HA preformed markings provides a minimum skid resistance of 45 BPN when tested according to ASTM E 303.

Ensure the surface of Type HA-BLM preformed markings provides a minimum skid resistance of 55 BPN when tested according to ASTM E 303.

Ensure the surface of Type HA-CBL preformed markings maintains a minimum level of friction of 32 when tested according to ASTM E 274 after one year in place.

B. Heating Characteristics

Use preformed markings capable of being affixed to bituminous or Portland cement concrete pavements by the use of the normal heat of a torch recommended by the manufacturer and according to the manufacturer's installation guidelines. Ensure preformed markings resealing characteristics allow it to fuse with itself and with previously applied marking material of the same composition under normal conditions of use.

659.2.01 Delivery, Storage, and Handling

Manufacture and package preformed markings permitting storage at normal shelf temperatures for up to one year after purchase.

659.3 Construction Requirements

659.3.01 Personnel

General Provisions 101 through 150.

659.3.02 Equipment

General Provisions 101 through 150.

659.3.03 Preparation

General Provisions 101 through 150.

659.3.04 Fabrication

General Provisions 101 through 150.

659.3.05 Construction

A. Pre-Conditions for Applying Markings with Heat

Apply markings under the following conditions:

1. Ambient temperature is 35 °F (2 °C) or above.
2. Pavement is clean, dry, and free of debris.
3. Prior to installation, follow manufacturer's recommendations for preheating road surface.

B. Applying Drop-On Glass Beads

1. Apply drop-on glass beads to the entire surface of preformed markings not having factory pre-applied surface beads.
2. Apply the drop-on glass beads to the preformed marking material while still in a liquid state. Use beads meeting the requirements specified in Subsection 659.2.A.
3. Do not apply drop-on glass beads to colorized bike lanes.

659.3.06 Quality Acceptance

Use material evaluated by the National Transportation Product Evaluation Program (NTPEP), the Georgia Department of Transportation or other State DOT test facilities.

Hot applied preformed plastic pavement markings meeting the laboratory test and field test requirements will be placed on the Georgia Department of Transportation Qualified Products List. Provide certification from the manufacturer certifying the Hot Applied Preformed Plastic Pavement Markings supplied to construction and maintenance projects is formulated of the same material as when tested by NTPEP and will conform to the requirements of this Specification. Products meeting all the requirements in this Section but fail to perform adequately in actual use will be removed from the Qualified Products List.

659.3.07 Contractor Warranty and Maintenance

General Provisions 101 through 150.

659.4 Measurement

Heat-applied preformed plastic pavement markings, complete in-place and accepted, are measured as follows:

A. Solid Traffic Stripe

Solid traffic stripe of the color, width, and type shown on the plans or in the proposal will be measured by the linear foot (meter) or linear mile (kilometer) as specified. Breaks or omissions in solid lines or stripes at street or road intersections will not be measured for payment.

B. Skip Traffic Stripe

Skip traffic stripe of the color, width, and type shown on the plans or in the proposal will be measured by the gross linear foot (meter) or gross linear mile (kilometer) as specified. The unpainted spaces between the stripes will be included in the overall measurement if the plan ratio remains uninterrupted. Measurement will begin and end on a stripe.

C. Payment by Square Yard (Meter)

When hot applied preformed plastic pavement markings are paid for by the square yard (meter), the actual number of square yards (meters) covered will be measured in the overall measurement, including the space between the markings. The color, width, and type shall be indicated on the plans.

D. Heat Applied Preformed Plastic

Each heat-applied preformed plastic word or symbol, complete according to plan dimensions, is measured by the unit. The code for each word or symbol is stated in the plan.

659.4.01 Limits

General Provisions 101 through 150.

659.5 Payment

Payment in each case will be full compensation for all aspects of heat-applied markings, including adhesives, cleaning, application, and traffic control necessary to complete the Item.

Payment will be made under:

Item No. 659	Hot applied preformed plastic solid pavement markings_____ in. (mm), (color), (type)	Per linear foot (meter)
Item No. 659	Hot applied preformed plastic solid pavement markings_____ in. (mm), (color), (type)	Per linear mile (kilometer)
Item No. 659	Hot applied preformed plastic skip pavement markings_____ in. (mm), (color), (type)	Per gross linear foot (meter)
Item No. 659	Hot applied preformed plastic skip pavement markings_____ in. (mm), (color), (type)	Per gross linear mile (kilometer)
Item No. 659	Hot applied preformed plastic pavement markings (color), (type)	Per square yard (meter)
Item No. 659	Hot applied preformed plastic pavement markings (color), (type)	Per linear foot (meter)
Item No. 659	Hot applied preformed plastic pavement markings (color), (type)	Per gross linear foot (meter)
Item No. 659	Hot applied preformed plastic pavement markings words or symbols (color), (type)	Per each

659.5.01 Adjustments

General Provisions 101 through 150.

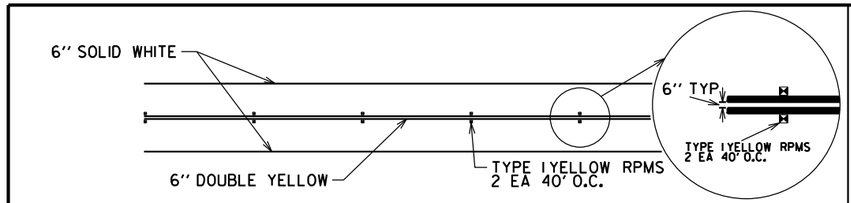
Office of Materials & Testing

Section 660—Sanitary Sewers

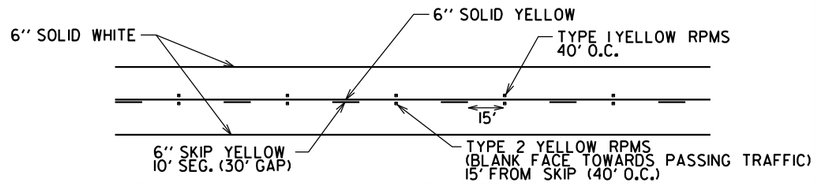
660.1 General Description

Specifications for this work will be included elsewhere in the Contract.

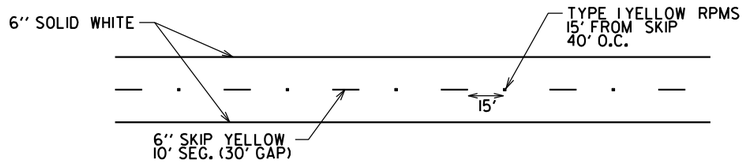
Attachment B



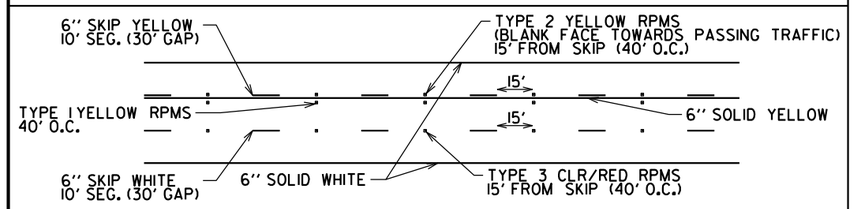
TWO-WAY NO PASSING ZONE



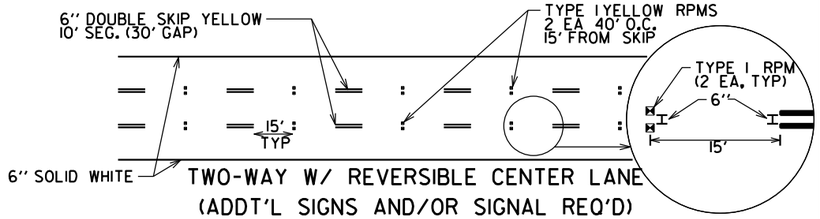
TWO-WAY W/ PASSING PERMITTED ONE DIRECTION



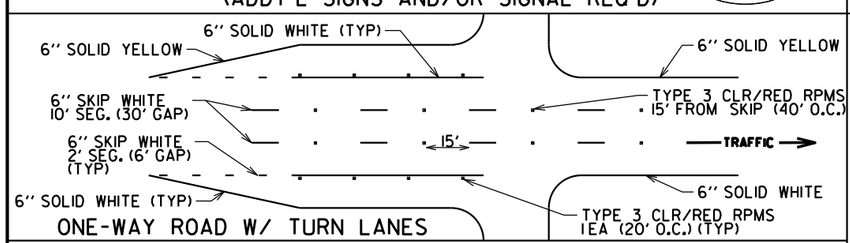
TWO-WAY PASSING PERMITTED IN BOTH DIRECTIONS



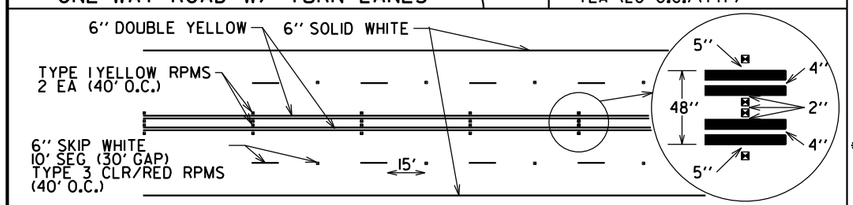
TWO-WAY, SINGLE LANE DIRECTION PERMITTED TO PASS



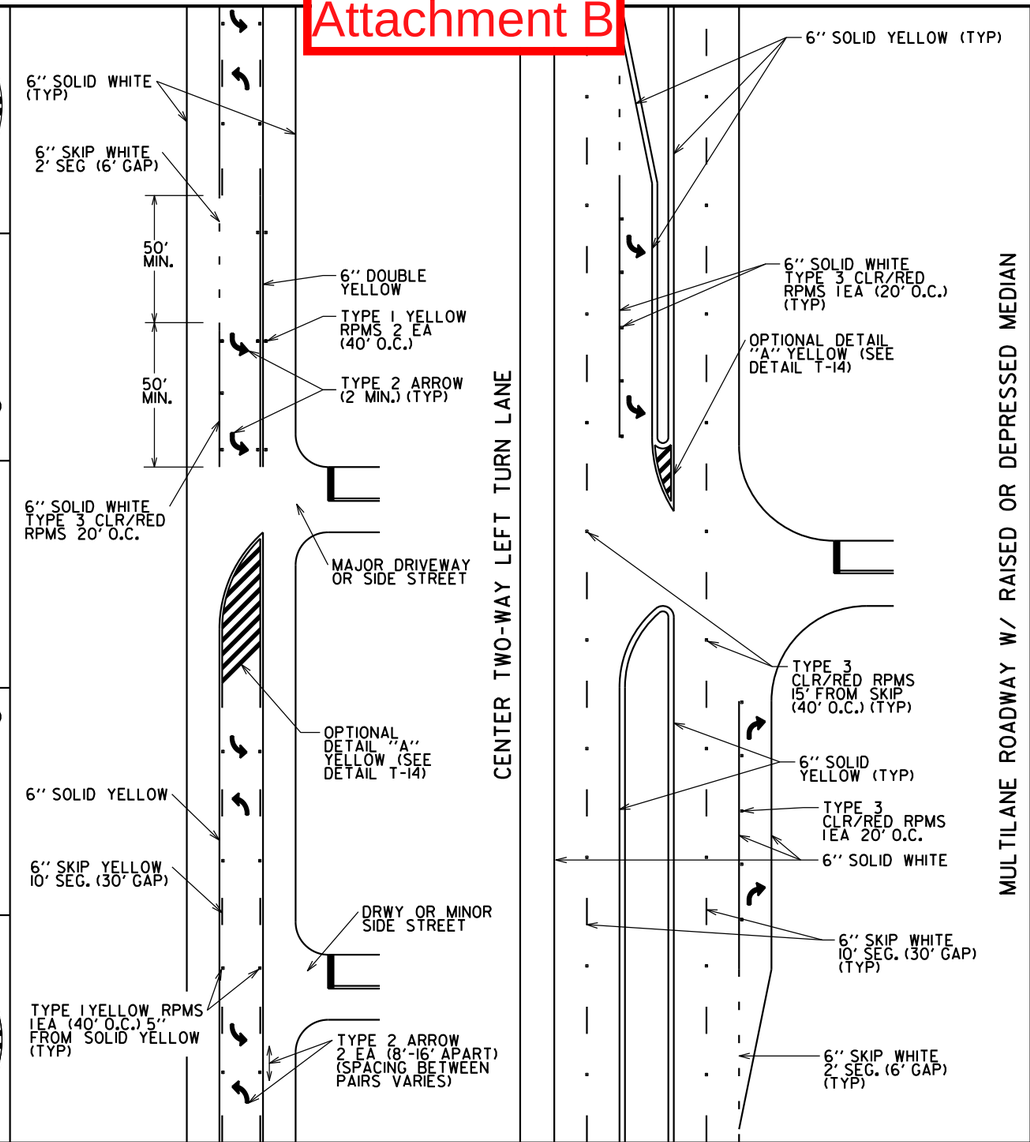
TWO-WAY W/ REVERSIBLE CENTER LANE (ADDT'L SIGNS AND/OR SIGNAL REQ'D)



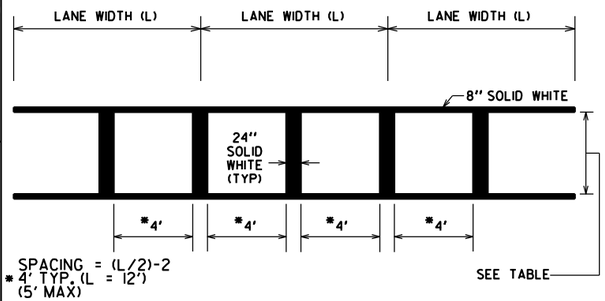
ONE-WAY ROAD W/ TURN LANES



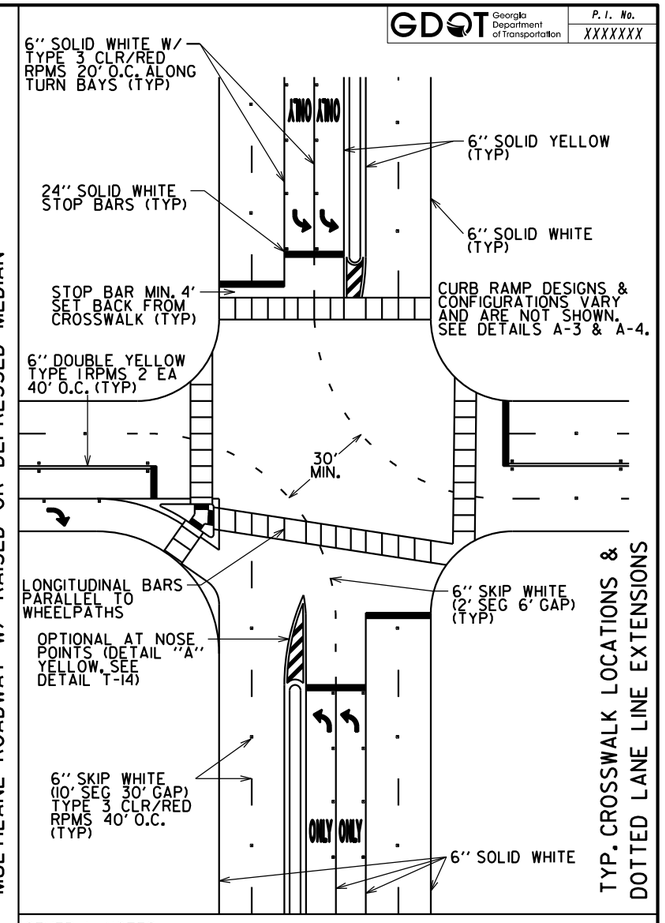
TWO-WAY MULTILANE W/ 4 FT FLUSH MEDIAN



CROSSWALK DETAIL



Sidewalk or Path Width (FT)	Crosswalk Width (FT)		
	Minimum	Preferred	Maximum
5	8	8	8
6	8	10	10
7	8	10	10
8	8	10	10
9	9	10	11
10	10	11	12
11	11	11	13
12	12	12	14
13	13	13	15
14	14	14	16



GENERAL NOTES:

1. LONGITUDINAL PAVEMENT MARKINGS ON CONCRETE SURFACES SHALL INCLUDE CONTRAST. REFER TO DETAIL T-11B FOR DETAILS OF CONTRAST PAVEMENT MARKINGS AND RAISED PAVEMENT MARKER (RPM) PLACEMENT ON LIMITED ACCESS ROADWAYS.
2. SPACING BETWEEN ADJACENT LONGITUDINAL LINES SHALL BE MEASURED CENTER TO CENTER UNLESS OTHERWISE DEPICTED IN THIS DETAIL (i.e. 4 FT FLUSH MEDIANS & CROSSWALKS). SPACING BETWEEN DOUBLE YELLOW LINES SHALL EQUAL TO LANE WIDTH IN INCHES (12" TYP. C-C).
3. EDGE LINES SHALL BE PLACED 4" FROM NORMAL EDGE OF PAVEMENT.
4. LONGITUDINAL STRIPING SHALL BE PLACED MIN. 2" FROM ADJACENT PAVEMENT JOINTS.
5. REFER TO DETAIL T-15C FOR DESIGN OF RPMS
6. TYPE I YELLOW RPMS SHALL BE PLACED 40' ON CENTER.
7. RPMS SHALL BE PLACED 5" LATERALLY (EDGE TO EDGE) FROM NEAREST ADJACENT LONGITUDINAL STRIPE UNLESS OTHERWISE NOTED.
8. THE CLEAR FACE OF TYPE 3 CLR/RED RPMS SHALL BE ORIENTED TOWARDS NORMAL APPROACHING TRAFFIC

GDOT Georgia Department of Transportation | P. I. No. XXXXXXX

DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA

CONSTRUCTION DETAIL

PAVEMENT MARKING & RAISED PAVEMENT MARKER PLACEMENT; CONVENTIONAL ROADWAYS

BY	DATE	REVISION
RCA	7-01-24	MAJ. REVS., RPMS, X-WALK
ACP	7-01-24	ADDED GENERAL NOTE 3
	7-01-24	ADDED 6' STRIPING
CDR	9-15-16	ADDED GENERAL NOTE 4

JANUARY 2000
NOT TO SCALE

NUMBER T-11A