

OFFICE OF REALITY AND CAPITAL PLANNING (ORCP)
ILLINOIS DEPARTMENT OF NATURAL RESOURCES
STATE OF ILLINOIS

WELDON SPRINGS STATE PARK

**RECREATIONAL TRAIL AND
BRIDGE IMPROVEMENTS PROJECT
DEWITT COUNTY**

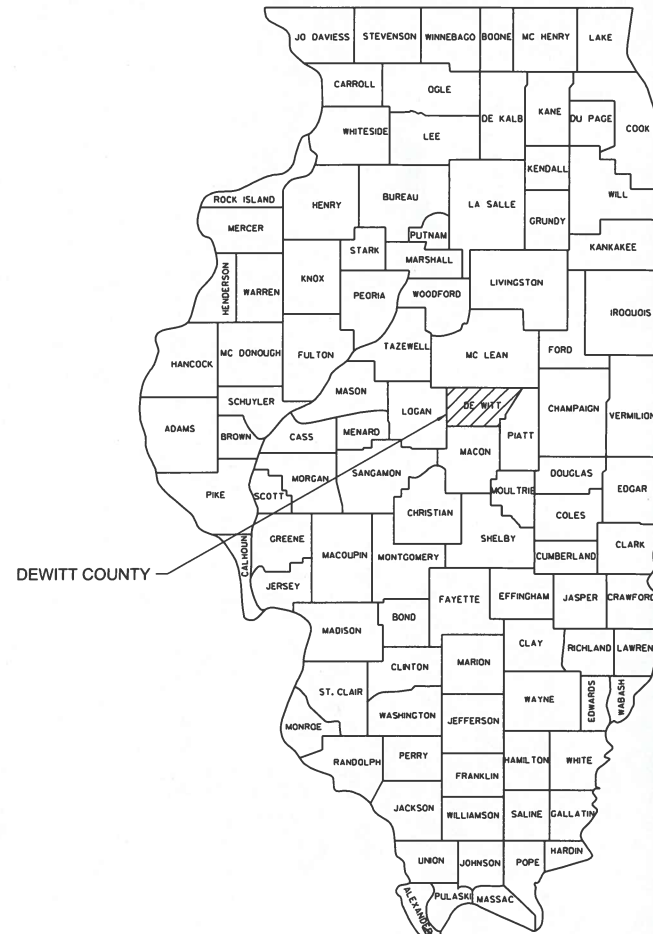
**IDNR CONTRACT NUMBER 3-23-001
2026**

INDEX OF SHEETS

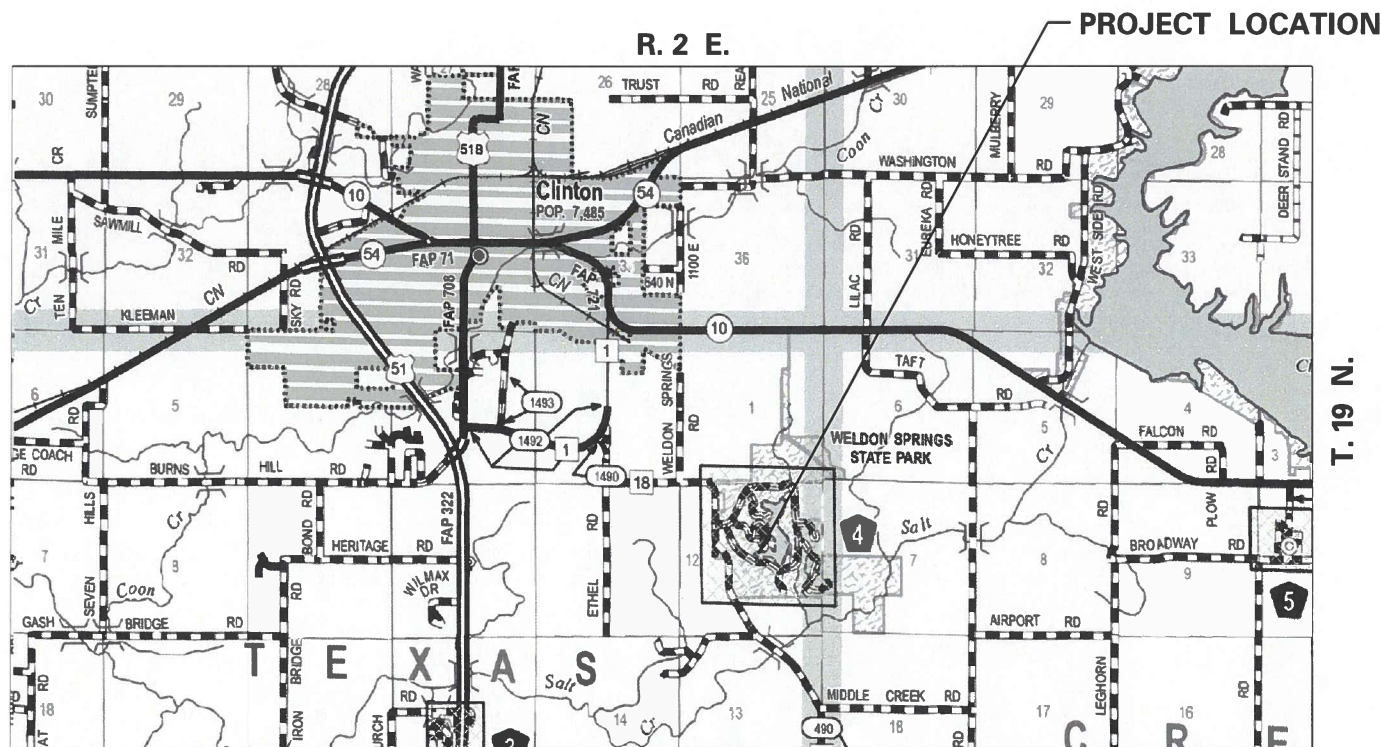
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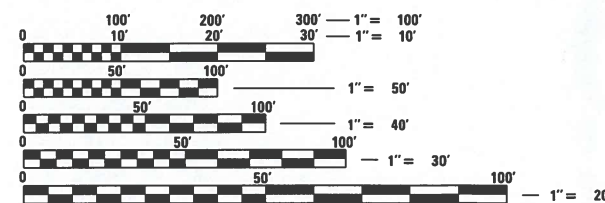
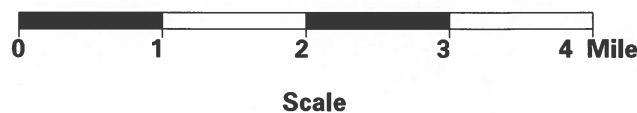
- 000001-09 STANDARD SYMBOLS, ABBREVIATIONS, AND PATTERNS
- 001001-02 AREAS OF REINFORCEMENT BARS
- 001006 DECIMAL OF AN INCH AND OF A FOOT
- 280001-07 TEMPORARY EROSION CONTROL SYSTEMS
- 701901-11 TRAFFIC CONTROL DEVICES
- B.L.R. 17-4 TRAFFIC CONTROL DEVICES- DAY LABOR CONSTRUCTION



REGIONAL MAP



LOCATION MAP



FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

J.U.L.I.E.
JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION
1-800-892-0123
OR 811



License Expires 11-30-2027

Luke Murphy 4-8-2026

SUBMITTED BY:

Louis Yockey
PROJECT MANAGER, LOUIS YOCKEY

DATE

4/9/26

APPROVED BY:

Eric O. Hank

DATE

4/9/26

GENERAL NOTES

- ALL ELEVATIONS REFER TO NAVD (NORTH AMERICAN VERTICAL DATUM) 1988. ALL COORDINATES ARE NAD 1983 (2011).
- THE LOCATION, MAINTENANCE, REMOVAL AND RESTORATION TO ORIGINAL CONDITION OF ALL HAUL ROADS, TRAILS, ACCESS ROUTES AND PARKING AREAS SHALL BE AT NO ADDITIONAL COST TO THE DEPARTMENT.
- THE CONTRACTOR SHALL PROTECT AND RESTORE IN ACCORDANCE WITH ARTICLE 107.20 OF THE STANDARD SPECIFICATIONS, ANY PRIVATE OR PUBLIC PROPERTY, INCLUDING ACCESS ROADS AND PARKING AREAS, WHICH MAY BE DAMAGED OR DESTROYED DUE TO CONSTRUCTION OPERATIONS AT NO ADDITIONAL COST TO THE DEPARTMENT.
- ALL CONSTRUCTION OPERATIONS SHALL BE CONTAINED WITHIN THE EASEMENT AREA OR WORK LIMITS INDICATED ON THE PLANS.
- THE CONTRACTOR SHALL TAKE DUE CARE WHILE EXCAVATING NEAR EXISTING STRUCTURES. ANY DAMAGES CAUSED BY THE CONSTRUCTION ACTIVITY SHALL BE CORRECTED AT NO ADDITIONAL COST TO THE DEPARTMENT.
- ALL OPEN EXCAVATIONS ARE TO BE SURROUNDED WITH A FOUR FOOT HIGH CONSTRUCTION FENCE, OR IN THE CASE OF CAISSONS COVERED. THE FENCE MATERIAL SHALL BE APPROVED BY THE ENGINEER. THE COST SHALL BE INCLUDED IN THE CONTRACT.
- PLAN DIMENSIONS AND DETAILS RELATIVE TO THE EXISTING STRUCTURES HAVE BEEN TAKEN FROM EXISTING PLANS AND/OR PAST SURVEYS AND REPORTS. THE EXISTING STRUCTURES ARE SUBJECT TO NOMINAL CONSTRUCTION VARIATIONS. THE CONTRACTOR IS RESPONSIBLE TO VERIFY SUCH DIMENSIONS AND DETAILS IN THE FIELD AND MAKE NECESSARY APPROVED ADJUSTMENTS PRIOR TO CONSTRUCTION OR ORDERING OF MATERIALS. SUCH VARIATIONS SHALL NOT BE CAUSE FOR ADDITIONAL COMPENSATION. HOWEVER, THE CONTRACTOR WILL BE PAID FOR THE QUANTITY ACTUALLY FURNISHED AT THE UNIT PRICE BID FOR THE WORK.
- LAYOUT OF STONE DUMPED RIPRAP MAY BE VARIED IN THE FIELD TO SUIT GROUND CONDITIONS AS DIRECTED BY THE ENGINEER.

NOTES

THIS PROJECT INVOLVES REMOVAL AND CONSTRUCTION OF TRAIL BRIDGE AND A STAIRWAY WITHIN THE WELDON SPRINGS STATE PARK. OPERATIONS WITHIN THE PARK HAVE SPECIAL REQUIREMENTS AND LIMITATIONS THAT INCLUDE:

1. ACCESS

THE ACCESS ROUTES PROVIDED ARE WITHIN THE PARK AND PUBLIC RIGHT-OF-WAY. CREEK CROSSINGS AT THE CONSTRUCTION SITE IS REQUIRED TO ACCESS BOTH SIDES OF THE CREEK. THE COST TO CONSTRUCT, MAINTAIN, REMOVE CREEK CROSSINGS AND RESTORE THE CREEK SHALL BE INCLUDED IN THE COST OF THE EXISTING STRUCTURE TO BE REMOVED.

2. STAGING

STORAGE OF EQUIPMENT AND MATERIALS IS TO BE LOCATED EITHER OFF THE SITE, OR WITHIN THE SITE AT LOCATIONS APPROVED BY THE ENGINEER.

3. EROSION CONTROL

CONTRACTOR SHALL PROVIDE TEMPORARY EROSION CONTROL BLANKET AND TEMPORARY SEEDING OVER DISTURBED AREAS IF THE AREAS ARE LEFT EXPOSED FOR 7 DAYS OR LONGER. TEMPORARY SEEDING AND BLANKET ARE NO ADDITIONAL COST TO THE DEPARTMENT.

4. SITE TRANSPORT

WITHIN THE PARK: TRANSPORT MATERIALS, EQUIPMENT AND WORKERS ONLY WITH LIGHT-WEIGHT WIDE-TIRE VEHICLES SUCH AS ATVS. VEHICLES MUST STAY ON ESTABLISHED PATHS OR ACCESS PATHS APPROVED BY THE ENGINEER.

ANY RUTTING OR OTHER DAMAGE MUST BE PROMPTLY REPAIRED AT NO ADDITIONAL COST TO THE DEPARTMENT.

IN WORK AREAS, INSTALL TREE TRUNK PROTECTION AROUND DESIGNATED TREES ACCORDING TO IDOT REGULATIONS OR OTHER MEANS AS APPROVED BY THE ENGINEER.

5. CLEAN-UP

WORK AREAS AND ALL AFFECTED AREAS SHALL BE FINISH GRADED, SEEDED, MULCHED AND DEBRIS REMOVED.

6. COORDINATION

SITE SUPERINTENDENT CONTACT INFORMATION IS AS BELOW:
 CHARLES MONTGOMERY
 4734 WELDON SPRINGS ROAD
 CLINTON, IL 61727
 PHONE: 217-935-2644 CELL: 217-799-2165
 EMAIL: CHARLES.D.MONTGOMERY@ILLINOIS.GOV

PERMANENTLY SEEDED AREA NOTES:

- ALL DISTURBED AREAS CAPABLE OF GROWING GRASS SHALL BE SEEDED, MULCHED, AND FERTILIZED IN ACCORDANCE WITH SECTION 250 AND SECTION 251 OF THE IDOT STANDARD SPECIFICATIONS. ARTICLES 250.09, 250.10, 251.06, AND 251.07 SHALL NOT APPLY. THE COSTS FOR SEED, MULCH, AND FERTILIZER NUTRIENTS SHALL BE INCLUDED IN THE COST OF OTHER PAY ITEMS.
- ALL DISTURBED AREAS SHALL BE SEEDED WITH CLASS 4A SEED MIXTURE, FERTILIZED, AND COVERED WITH MULCH, METHOD 1.
- THE EROSION CONTROL BLANKET SHALL BE SUITABLE FOR SLOPE APPLICATION WITH A 100% BIODEGRADABLE WOVEN NATURAL ORGANIC FIBER NET. NO PLASTIC MESH WILL BE ALLOWED.
- FOR THE PURPOSES OF BIDDING, THE DISTURBED AREA IS EXPECTED TO BE 0.25 ACRES OR LESS OF LAND. FINAL DECISION ON WHAT IS DISTURBED AND PROPER TREATMENT OF THE DISTURBED LAND SHALL BE MADE BY THE ENGINEER.

SUMMARY OF QUANTITIES			
CODE NO.	PAY ITEM DESCRIPTION	UNIT	QUANTITY
20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	23
20100210	TREE REMOVAL (OVER 15 UNITS DIAMETER)	UNIT	70
20101100	TREE TRUNK PROTECTION	EACH	4
* 28000400	PERIMETER EROSION BARRIER	FOOT	85
28100805	STONE DUMPED RIPRAP, CLASS A3	TON	20
28200200	FILTER FABRIC	SQ YD	56
50100400	REMOVAL OF EXISTING STRUCTURES NO. 2	EACH	1
50100500	REMOVAL OF EXISTING STRUCTURES NO. 3	EACH	1
50300225	CONCRETE STRUCTURES	CU YD	9.9
50500405	FURNISHING AND ERECTING STRUCTURAL STEEL	POUND	770
* 50700105	TREATED TIMBER	F.B.M.	3995
50800105	REINFORCEMENT BARS	POUND	2050
67100100	MOBILIZATION	L SUM	1
* NR105001	CONSTRUCTION STAKING	L SUM	1
* NR509020	PIPE HANDRAIL, SPECIAL	FOOT	88
* NR704001	TRAFFIC CONTROL AND PROTECTION, SPECIAL	L SUM	1

* SPECIAL PROVISION ITEM

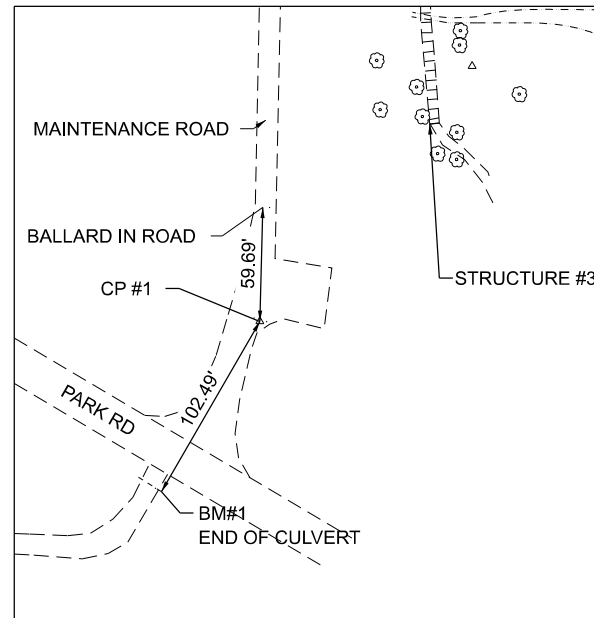
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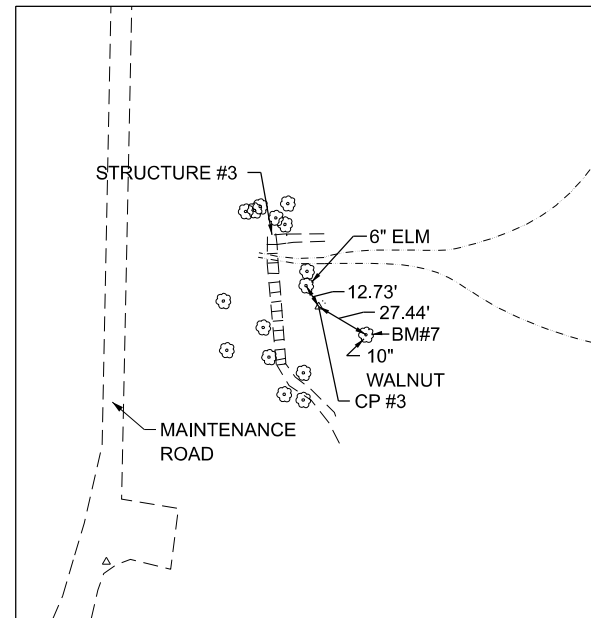
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 ILLINOIS DEPARTMENT OF NATURAL RESOURCES
 STATE OF ILLINOIS**

**WELDON SPRINGS STATE PARK
 RECREATIONAL TRAIL AND BRIDGE IMPROVEMENTS PROJECT
 SUMMARY OF QUANTITIES AND GENERAL NOTES**

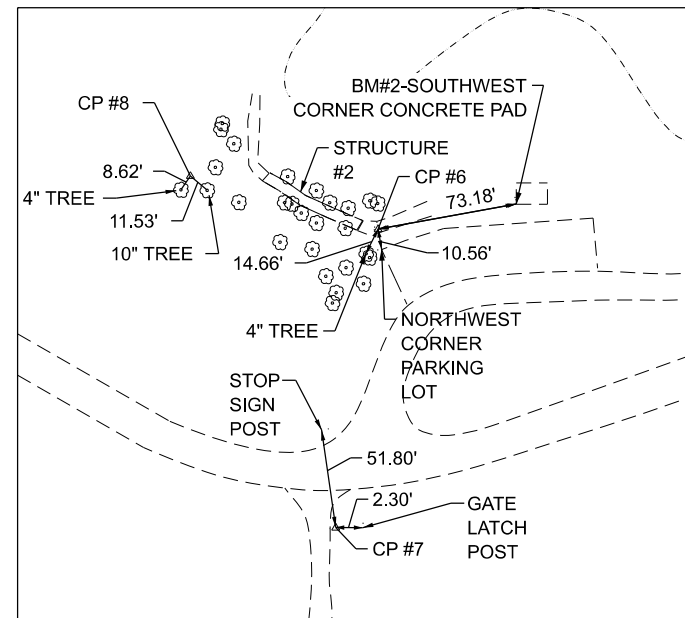
COUNTY	TOTAL SHEETS	SHEET NO.
DEWITT	19	2
IDNR 3-23-001		



BENCHMARK #1 (BM#1)
STRUCTURE 3



BENCHMARK #7 (BM#7)
STRUCTURE 3



BENCHMARK #2 (BM#2)
STRUCTURE 2

BENCHMARKS

BENCHMARK #1
CHISELED "X" ON EAST END OF CMP,
SOUTH SIDE OF ROAD ACROSS THE
ROAD FROM PARKING LOT AT
SOUTHWEST CORNER OF LAKE
ELEVATION = 713.99
N 1257655.26
E 818145.61

BENCHMARK #2
CHISELED "SQ" SOUTHWEST
CORNER OF PICNIC TABLE PAD 1ST
PARKING LOT OF "UNION SCHOOL"
ELEVATION = 713.26
N 1257451.04
E 819288.55

BENCHMARK #7
20D NAIL IN 10" WALNUT TREE
ELEVATION = 693.61
N 1257862.30
E 818332.14

CONTROL POINTS

CP#1 RR SPIKE N 1257743.959 E 818196.949 EL 712.81	CP#6 IRON PIN N 1257437.996 E 819216.578 EL 715.04
--	--

CP#3 IRON PIN N 1257876.989 E 818307.542 EL 692.45	CP#7 IRON PIN N 1257282.456 E 819194.528 EL 717.00
--	--

CP#8 IRON PIN N 1257465.693 E 819118.808 EL 698.11
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NOTES

- NORTHING AND EASTINGS FOR BENCHMARKS ARE PROVIDED TO ASSIST CONTRACTOR IN LOCATING BENCHMARKS. BENCHMARKS SHOULD NOT BE USED FOR HORIZONTAL ALIGNMENT SURVEYS AND STAKING.
- CONTROL POINTS PROVIDED FOR INFORMATION ONLY. IT IS THE CONTRACTOR'S RESPONSIBILITY TO VERIFY AND PROVIDE NEW CONTROL POINTS, IF REQUIRED.

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WELDON SPRINGS STATE PARK
RECREATIONAL TRAIL AND BRIDGE IMPROVEMENTS PROJECT
CONTROL TIES AND BENCH MARKS

COUNTY	TOTAL SHEETS	SHEET NO.
DEWITT	19	3
IDNR 3-23-001		

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LEGEND

	EXISTING STEPS
	EXISTING BRIDGE
	EXISTING PIPE CULVERT
	SITE ACCESS

USER NAME =	DESIGNED - LTM	REVISED -
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**WELDON SPRINGS STATE PARK
RECREATIONAL TRAIL AND BRIDGE IMPROVEMENTS PROJECT
EXISTING SITE PLAN**

COUNTY	TOTAL SHEETS	SHEET NO.
DEWITT	19	4
IDNR 3-23-001		

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LEGEND

	TYPE III BARRICADE
	TYPE II BARRICADE
	SIGN(S) AND SIGN POST
	SITE ACCESS

USER NAME =	DESIGNED - LTM	REVISED -
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**WELDON SPRINGS STATE PARK
RECREATIONAL TRAIL AND BRIDGE IMPROVEMENTS PROJECT
TRAFFIC CONTROL PLAN - STRUCTURE 2**

COUNTY	TOTAL SHEETS	SHEET NO.
DEWITT	19	5
IDNR 3-23-001		

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LEGEND

	TYPE III BARRICADE
	TYPE II BARRICADE
	SIGN(S) AND SIGN POST
	SITE ACCESS

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**WELDON SPRINGS STATE PARK
RECREATIONAL TRAIL AND BRIDGE IMPROVEMENTS PROJECT
TRAFFIC CONTROL PLAN - STRUCTURE 3**

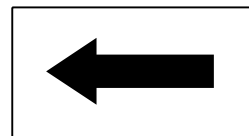
COUNTY	TOTAL SHEETS	SHEET NO.
DEWITT	19	6
IDNR 3-23-001		

NUMBER OF SIGNS AND BARRICADES REQUIRED

SIGN OR BARRICADE	STRUCTURE 2	STRUCTURE 3
TYPE III BARRICADES	2	4
R11-2	2	4
TYPE II BARRICADES	2	2
R9 (24"X12")	2	2
W20-3*	2	-
W1-6	2	-



W20-3*
* MODIFIED TO OMIT DISTANCE



W1-6
(DIRECTION AS NEEDED)



R9 (24"X12")



R11-2

TRAFFIC CONTROL NOTES

1. LOCATIONS OF TRAFFIC CONTROL DEVICES SHALL BE ACCEPTABLE TO THE ENGINEER.
2. TRAFFIC CONTROL DEVICES SHALL CONFORM TO IDOT STANDARD 701901.
3. TRAFFIC CONTROL DEVICES SHALL BE NEW OR LIKE NEW CONDITION.
4. ALL BARRICADES SHALL HAVE A WARNING LIGHT MOUNTED ON TOP OF THE BARRICADE.

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**WELDON SPRINGS STATE PARK
RECREATIONAL TRAIL AND BRIDGE IMPROVEMENTS PROJECT**

TRAFFIC CONTROL PLAN - DETAILS

COUNTY	TOTAL SHEETS	SHEET NO.
DEWITT	19	7

IDNR 3-23-001

DESIGN SPECIFICATIONS

2009 AASHTO "LRFD GUIDE SPECIFICATIONS FOR THE DESIGN OF PEDESTRIAN BRIDGES" 2ND EDITION WITH 2015 INTERIM REVISIONS

AMERICAN WOOD COUNCIL "NATIONAL DESIGN SPECIFICATIONS FOR WOOD CONSTRUCTION", 2018 EDITION

SUPERSTRUCTURE LOADING

UNIFORM LIVE LOAD : 90 PSF

TIMBER NOTES

1. ALL TIMBER SHALL BE TREATED SOUTHERN PINE, NO. 1 OR BETTER, VISUALLY GRADED BY THE SPIB GRADING AGENCY. THE SURFACING SHALL BE S4S.
2. ALL TIMBER SHALL RECEIVE PRESERVATIVE TREATMENT IN ACCORDANCE WITH THE AMERICAN WOOD PROTECTION ASSOCIATION (APWA). THE PRESERVATIVE SHALL BE MICRONIZED COPPER AZOLE (MCA) WITH A MINIMUM RETENTION OF 0.15 POUNDS PER FOOT. TREATMENT SHALL CONFORM TO THE QUALITY REQUIREMENTS DESCRIBED IN AWPA M3, STANDARD QUALITY CONTROL PROCEDURES FOR WOOD PRESERVING PLANTS. THE WOOD TREATER SHALL APPLY TO EACH PIECE OF TREATED TIMBER A LEGIBLE BRAND, MARK, OR TAG INDICATING THE NAME OF THE TREATER AND THE SPECIFICATION SYMBOL OR REQUIREMENT TO WHICH THE TREATMENT CONFORMS. ACCEPTABLE SYMBOLS OF COMPLIANCE SHALL BE SIMILAR TO BRANDS LISTED IN AWPA M6. THE TREATING COMPANY SHALL SUBMIT A CERTIFICATE OF COMPLIANCE ON THE PRESERVATIVE MATERIAL AND TREATMENT.
3. INSOFAR AS IS PRACTICABLE, ALL WOOD COMPONENTS SHOULD BE DESIGNED AND DETAILED TO BE CUT, DRILLED, AND OTHERWISE FABRICATED PRIOR TO PRESSURE TREATMENT WITH WOOD PRESERVATIVES. WHEN CUTTING, BORING, OR OTHER FABRICATION IS NECESSARY AFTER PRESERVATIVE TREATMENT, EXPOSED, UNTREATED WOOD SHALL BE TREATED IN ACCORDANCE WITH THE REQUIREMENTS OF APWA STANDARD M4.
4. WOOD SCREWS SHALL BE FLATHEAD STAINLESS STEEL, GRADE 304, WITH ROLLED THREADS. NO CUT THREAD SCREWS WILL BE ALLOWED.
5. A LEAD HOLE OF 70% OF WOOD SCREW ROOT DIAMETER SHALL BE DRILLED PRIOR TO INSTALLATION OF WOOD SCREW.
6. WOOD SCREWS SHALL BE INSTALLED WITH A SCREW DRIVER. WOOD SCREWS SHALL NOT BE DRIVEN WITH A HAMMER.
7. DECK BOARDS SHALL BE PLACED PERPENDICULAR TO THE STRINGERS WITH 0.5 INCH SPACE BETWEEN DECK BOARDS.
8. GALVANIZED WASHER SHALL BE PLACED BETWEEN THE WOOD AND BOLT HEAD AND BETWEEN THE WOOD AND NUT.
9. HARDWARE INCLUDING ANCHOR BOLTS WILL NOT BE PAID FOR SEPARATELY. HARDWARE SHALL BE INCLUDED IN THE COST OF TREATED LUMBER.
10. CHEMICAL ADHESIVE ANCHORS, AND HARDWARE SHALL BE INCLUDED IN THE COST OF THE TIMBER MEMBERS.
11. LEAD HOLES FOR LAG SCREWS SHALL BE BORED TO AVOID SPLITTING OF THE WOOD MEMBER DURING CONNECTION. THE LEAD HOLE SHALL BE 60% TO 75% OF THE LAG SCREW DIAMETER.
12. HOLES FOR THRU BOLTS SHALL BE A MINIMUM OF 1/32" TO A MAXIMUM OF 1/16" LARGER THAN THE BOLT DIAMETER. BOLTS SHALL NOT BE FORCIBLY DRIVEN.
13. INSTALL A WASHER BETWEEN THE WOOD AND THE BOLTHEAD AND INSTALL A WASHER BETWEEN THE WOOD AND LOCK WASHER.

CONCRETE NOTES

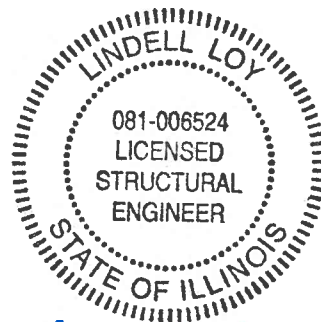
1. CAST-IN-PLACE CONCRETE SHALL HAVE A MINIMUM 14 DAY CONCRETE COMPRESSIVE STRENGTH OF 3500 P.S.I. (CLASS SI).
2. REINFORCEMENT BARS SHALL CONFORM TO THE REQUIREMENTS OF ASTM A706, GRADE 60.
3. ALL EXPOSED CONCRETE EDGES SHALL BE BEVELED 3/4". EXPOSED VERTICAL CONCRETE EDGES SHALL BE BEVELED TO ONE FOOT BELOW FINISHED GRADE.
4. ALL CONSTRUCTION JOINTS SHALL BE BONDED IN ACCORDANCE WITH ARTICLE 503.09 OF THE STANDARD SPECIFICATIONS.

FOUNDATION NOTES

1. NO BORINGS HAVE BEEN TAKEN. DESIGN IS BASED ON THE BEARING SOIL BEING UNDISTURBED AND A MINIMUM 2000 PSF SOIL BEARING CAPACITY.
2. TEMPORARY SUPPORT MAY BE NEEDED TO PREVENT SOIL FROM SLOUGHING INTO THE EXCAVATION BEFORE CONCRETE IS POURED. USE STEEL CASING, SONOTUBES OR OTHER APPROVED MEANS. COST SHALL BE INCLUDED IN CONCRETE STRUCTURES.
3. CONCRETE CAISSONS SHALL BE PRECAST CONCRETE OR CAST-IN-PLACE CONCRETE.
4. EXCAVATION WILL NOT BE MEASURED FOR PAYMENT. EXCAVATION SHALL BE INCLUDED IN THE COST OF CONCRETE STRUCTURES.

STEEL NOTES

1. BOLTS SHALL CONFORM TO ASTM A307, GRADE A. NUTS SHALL CONFORM TO ASTM A563, GRADE A. WASHERS SHALL CONFORM TO ASTM F436. ALL HARDWARE SHALL BE HOT DIP GALVANIZED ACCORDING TO ASTM F2329.
2. ANGLES, RODS AND OTHER MISCELLANEOUS STEEL MEMBERS SHALL CONFORM TO ASTM A36, UNLESS OTHERWISE ACCEPTABLE TO THE ENGINEER. ALL STEEL MEMBERS SHALL BE HOT DIPPED GALVANIZED ACCORDING TO ASTM A123, UNLESS OTHERWISE NOTED ELSEWHERE.
3. PIPE FOR THE HANDRAIL SHALL CONFORM TO ASTM A53. THE HANDRAIL SHALL BE POWDER COATED. RETURN HANDRAIL ENDS TO TIMBER RAILING.
4. ALL SIMPSON STRONG-TIE CONNECTORS WILL NOT BE MEASURED FOR PAYMENT. THE COST OF THE SIMPSON STRONG-TIE CONNECTORS SHALL BE INCLUDED IN CONCRETE STRUCTURES.
5. WELDING PROCEDURES SHALL CONFORM TO AWS STRUCTURAL WELDING CODE D1.1, LATEST EDITION.
6. WELDS SHALL BE PERFORMED BY ELECTRIC ARC METHOD USING E70XX ELECTRODES, UNLESS OTHERWISE ACCEPTABLE TO THE ENGINEER.
7. HARDWARE WILL NOT BE MEASURED FOR PAYMENT. HARDWARE SHALL BE INCLUDED IN THE COST OF OTHER ITEMS FOR PAYMENT.



EXP. 11/30/2026

Lindel Roy
04/08/2026

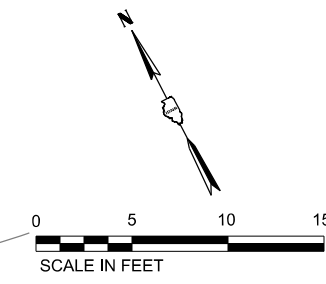
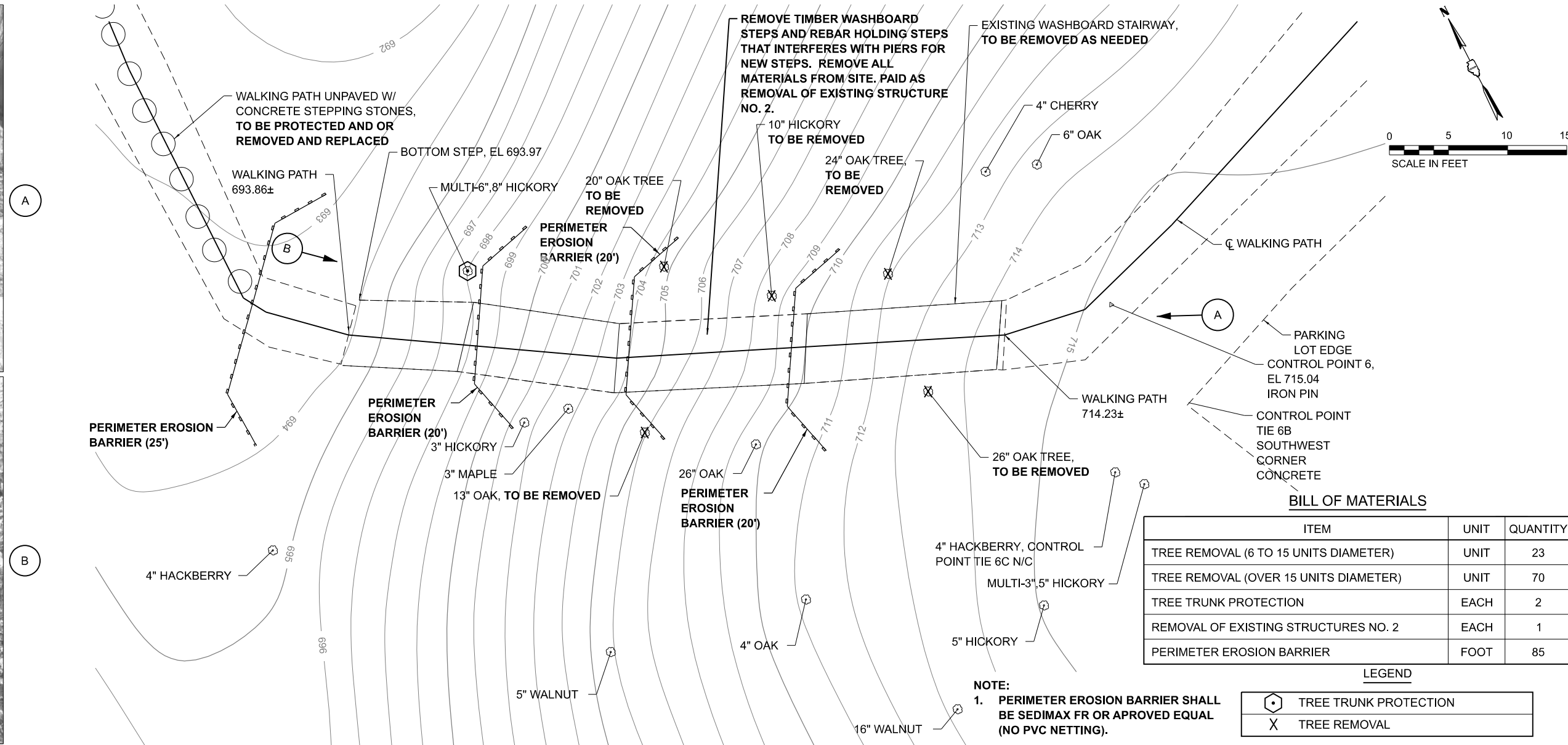
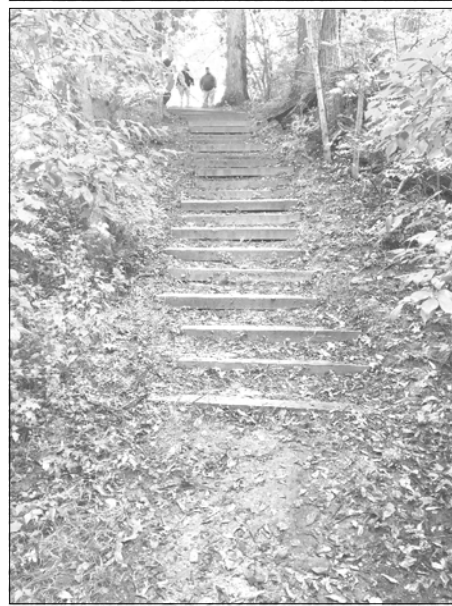
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WELDON SPRINGS STATE PARK
RECREATIONAL TRAIL AND BRIDGE IMPROVEMENTS PROJECT
GENERAL NOTES STRUCTURAL

COUNTY	TOTAL SHEETS	SHEET NO.
DEWITT	19	8
IDNR 3-23-001		



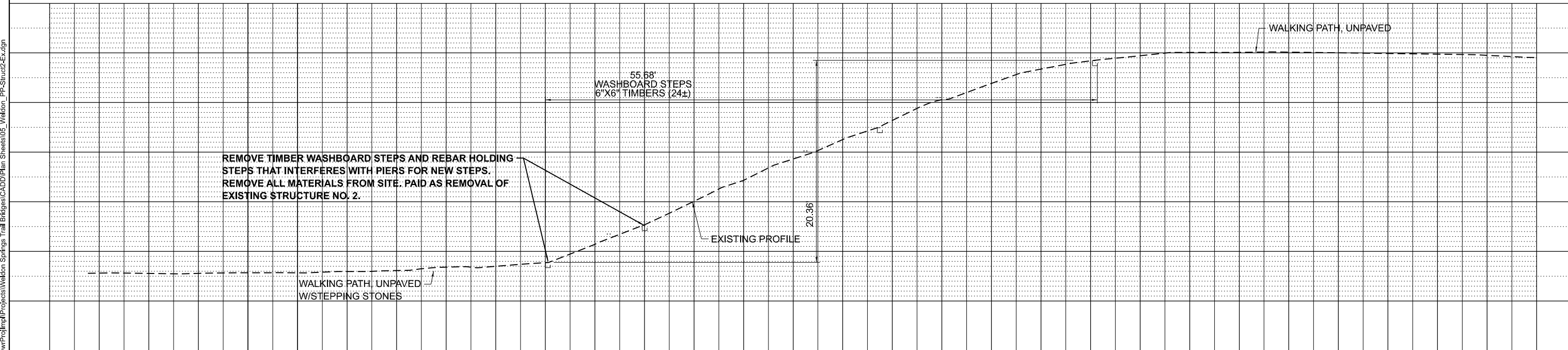
BILL OF MATERIALS

ITEM	UNIT	QUANTITY
TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	23
TREE REMOVAL (OVER 15 UNITS DIAMETER)	UNIT	70
TREE TRUNK PROTECTION	EACH	2
REMOVAL OF EXISTING STRUCTURES NO. 2	EACH	1
PERIMETER EROSION BARRIER	FOOT	85

LEGEND

	TREE TRUNK PROTECTION
	TREE REMOVAL

NOTE:
 1. PERIMETER EROSION BARRIER SHALL BE SEDIMAX FR OR APPROVED EQUAL (NO PVC NETTING).



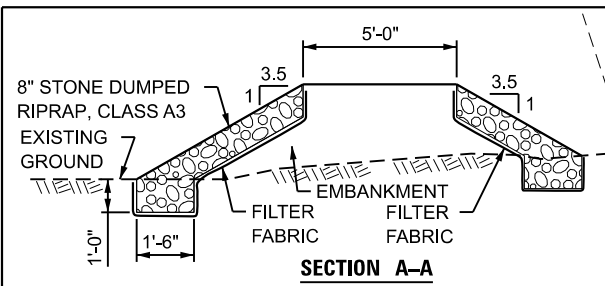
MODEL: O:\Cwr\Proj\Proj\Projects\Waldon Springs Trail Bridge\CADD\Plan Sheets\05_Waldon_PP_Struct2_Ext.dgn

USER NAME =	DESIGNED - LEL	REVISED -
	DRAWN - JTC	REVISED -
PLOT SCALE = 10,000' / 1"	CHECKED - LTM	REVISED -
PLOT DATE = 4/8/2026	DATE - 4/8/2026	REVISED -

**OFFICE OF REALTY AND CAPITAL PLANNING
 ILLINOIS DEPARTMENT OF NATURAL RESOURCES
 STATE OF ILLINOIS**

**WELDON SPRINGS STATE PARK
 RECREATIONAL TRAIL AND BRIDGE IMPROVEMENTS PROJECT
 EXISTING STRUCTURE 2 - REMOVAL PLAN**

COUNTY	TOTAL SHEETS	SHEET NO.
DEWITT	19	9
IDNR 3-23-001		



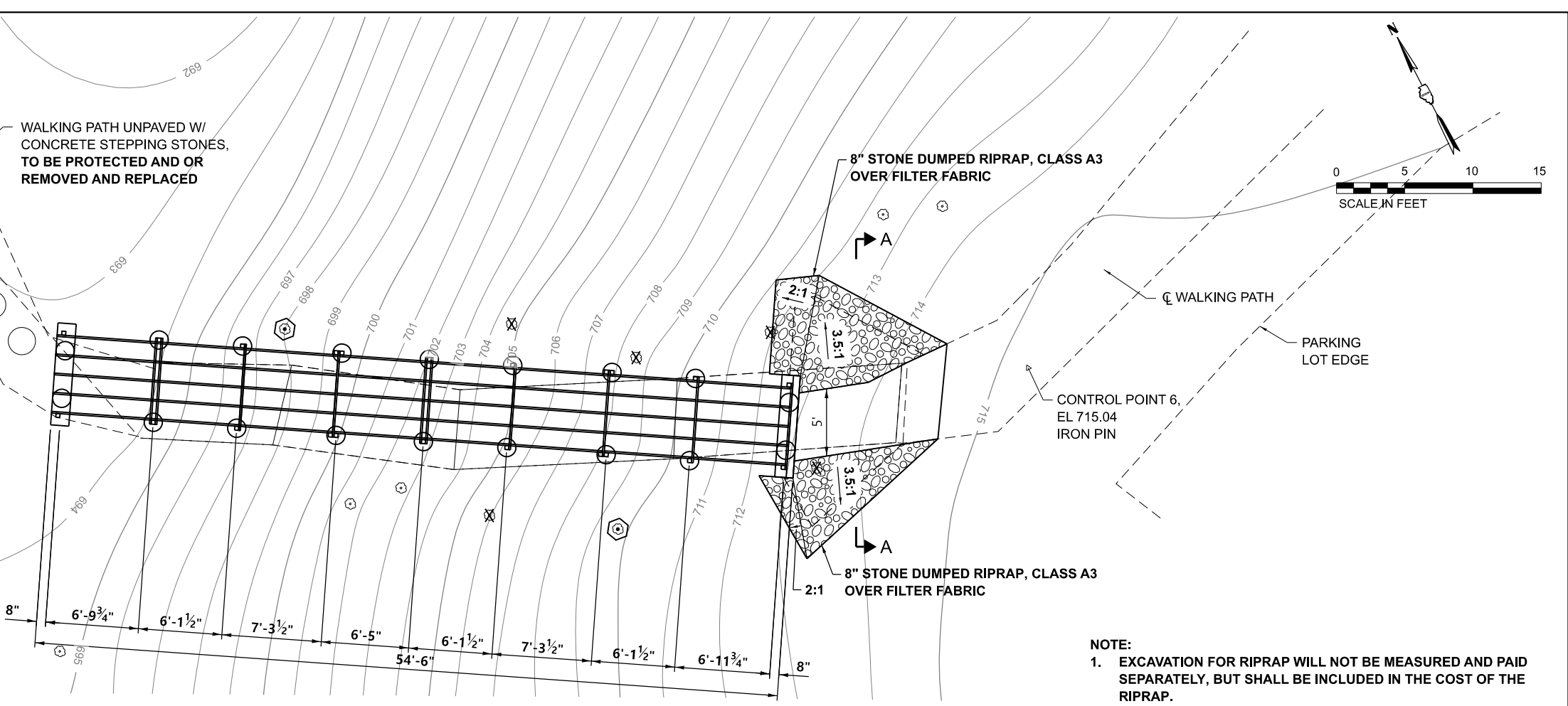
WALKING PATH UNPAVED W/ CONCRETE STEPPING STONES, TO BE PROTECTED AND OR REMOVED AND REPLACED

8" STONE DUMPED RIPRAP, CLASS A3 OVER FILTER FABRIC

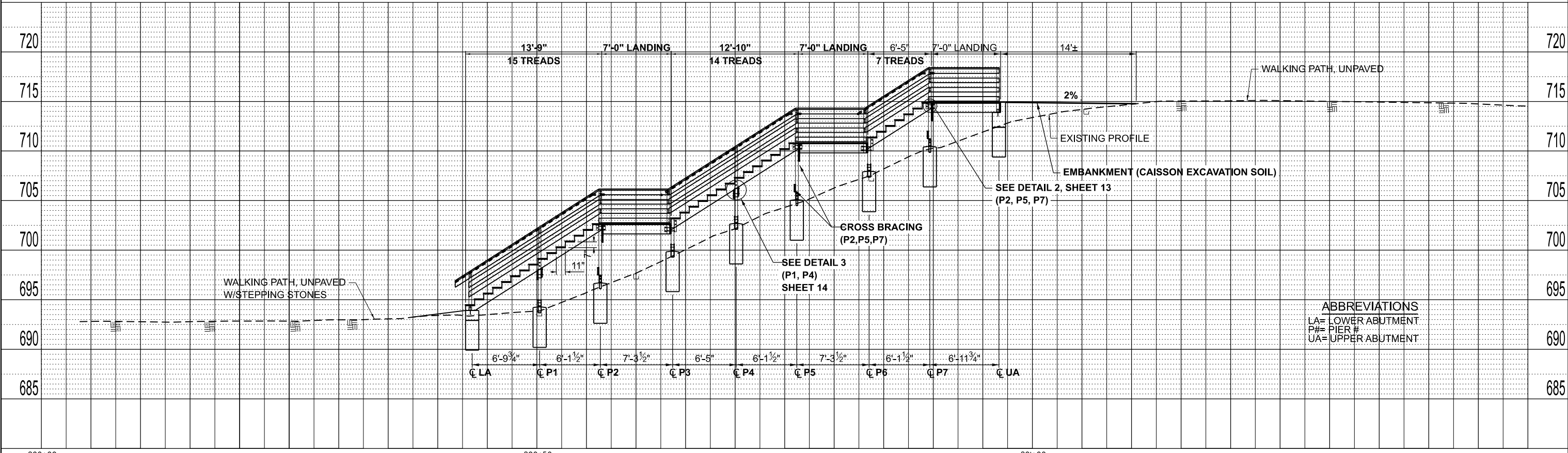


BILL OF MATERIALS

ITEM	UNIT	QUANTITY
STONE DUMPED RIPRAP, CLASS A3	TON	10
FILTER FABRIC	SQ YD	28
CONCRETE STRUCTURES	CU YD	4.7
TREATED TIMBER	F.B.M.	1890
REINFORCEMENT BARS	POUND	1080
FURNISHING AND ERECTING STRUCTURAL STEEL	POUND	430
PIPE HANDRAIL, SPECIAL	FOOT	88



- NOTE:**
- EXCAVATION FOR RIPRAP WILL NOT BE MEASURED AND PAID SEPARATELY, BUT SHALL BE INCLUDED IN THE COST OF THE RIPRAP.
 - STAIRS SHALL BE CONSTRUCTED AT 7" RISERS AND 11" TREADS.



ABBREVIATIONS
 LA= LOWER ABUTMENT
 P#= PIER #
 UA= UPPER ABUTMENT

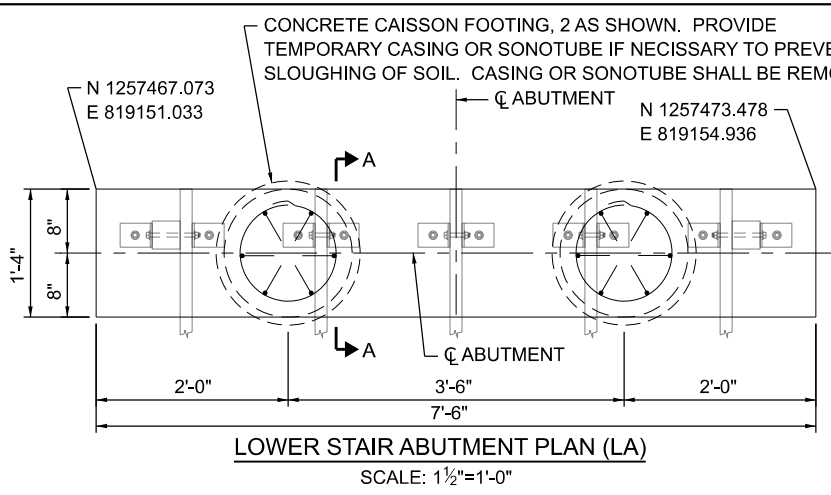
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PLOT SCALE = 10,000' / 1"	DRAWN - JTC	REVISED -
PLOT DATE = 4/8/2026	CHECKED - LTM	REVISED -
	DATE - 4/8/2026	REVISED -

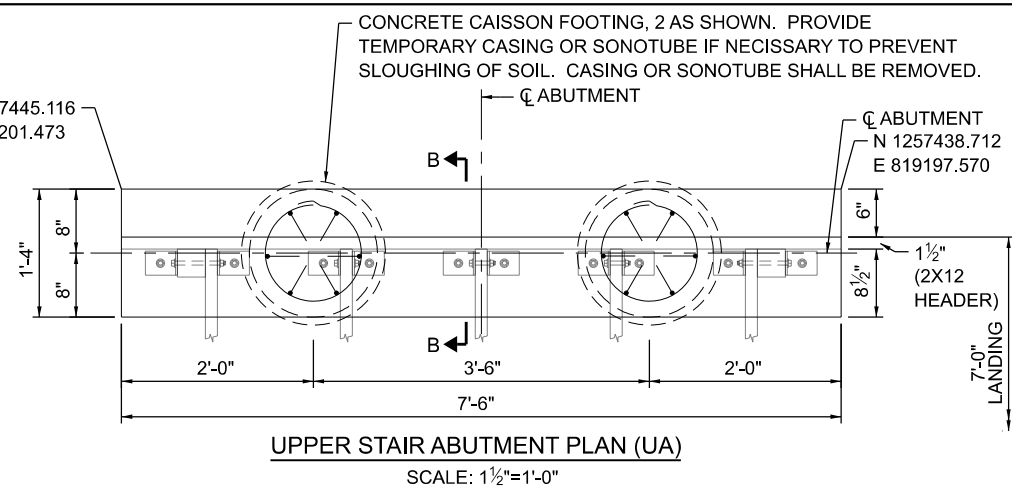
OFFICE OF REALITY AND CAPITAL PLANNING
 ILLINOIS DEPARTMENT OF NATURAL RESOURCES
 STATE OF ILLINOIS

WELDON SPRINGS STATE PARK
RECREATIONAL TRAIL AND BRIDGE IMPROVEMENTS PROJECT
PROPOSED STRUCTURE 2 - PLAN AND PROFILE

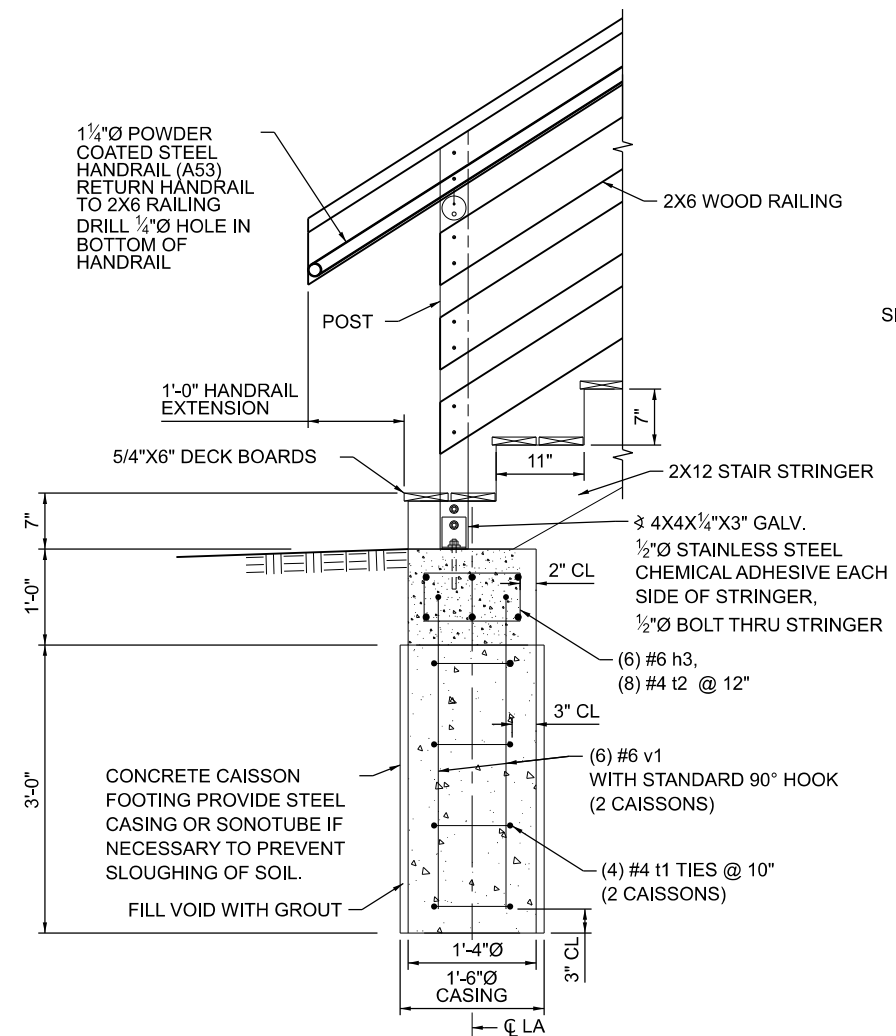
COUNTY	TOTAL SHEETS	SHEET NO.
DEWITT	19	10
IDNR 3-23-001		



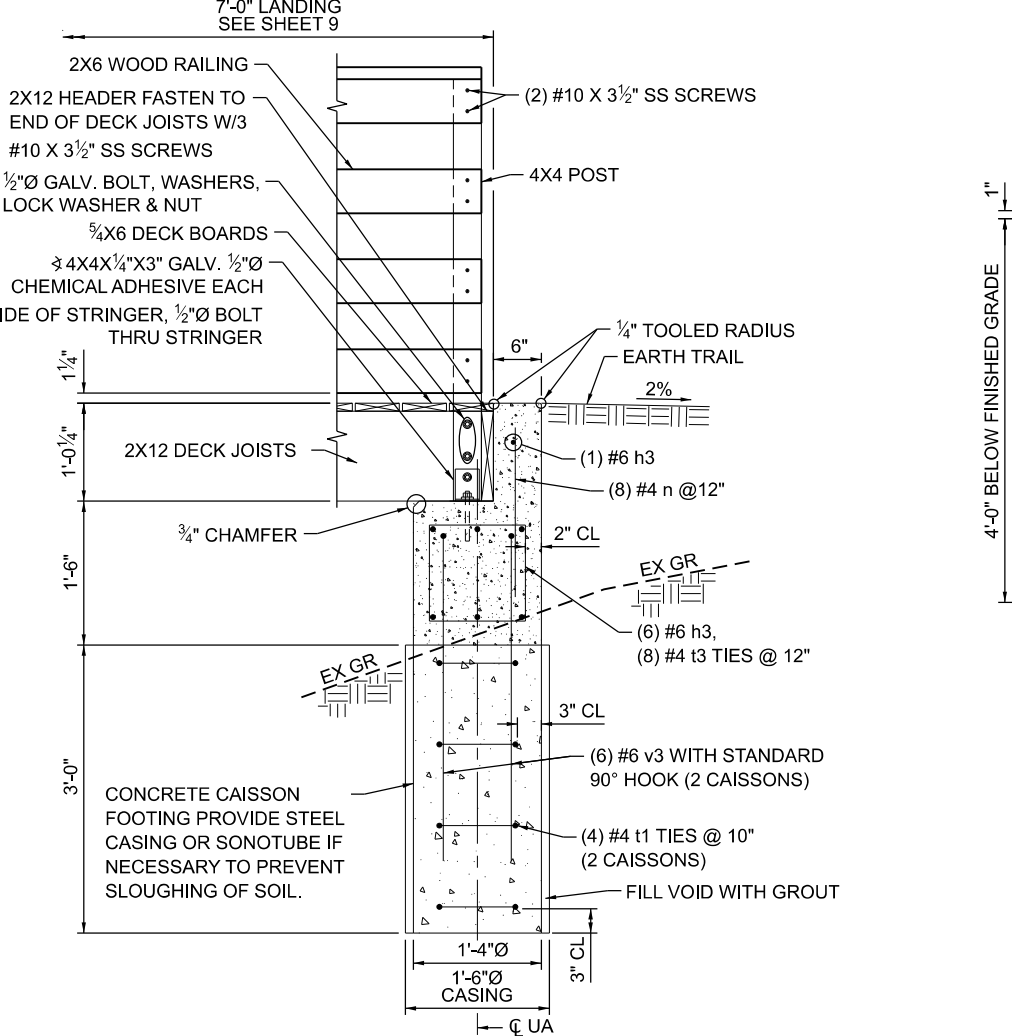
LOWER STAIR ABUTMENT PLAN (LA)
SCALE: 1 1/2"=1'-0"



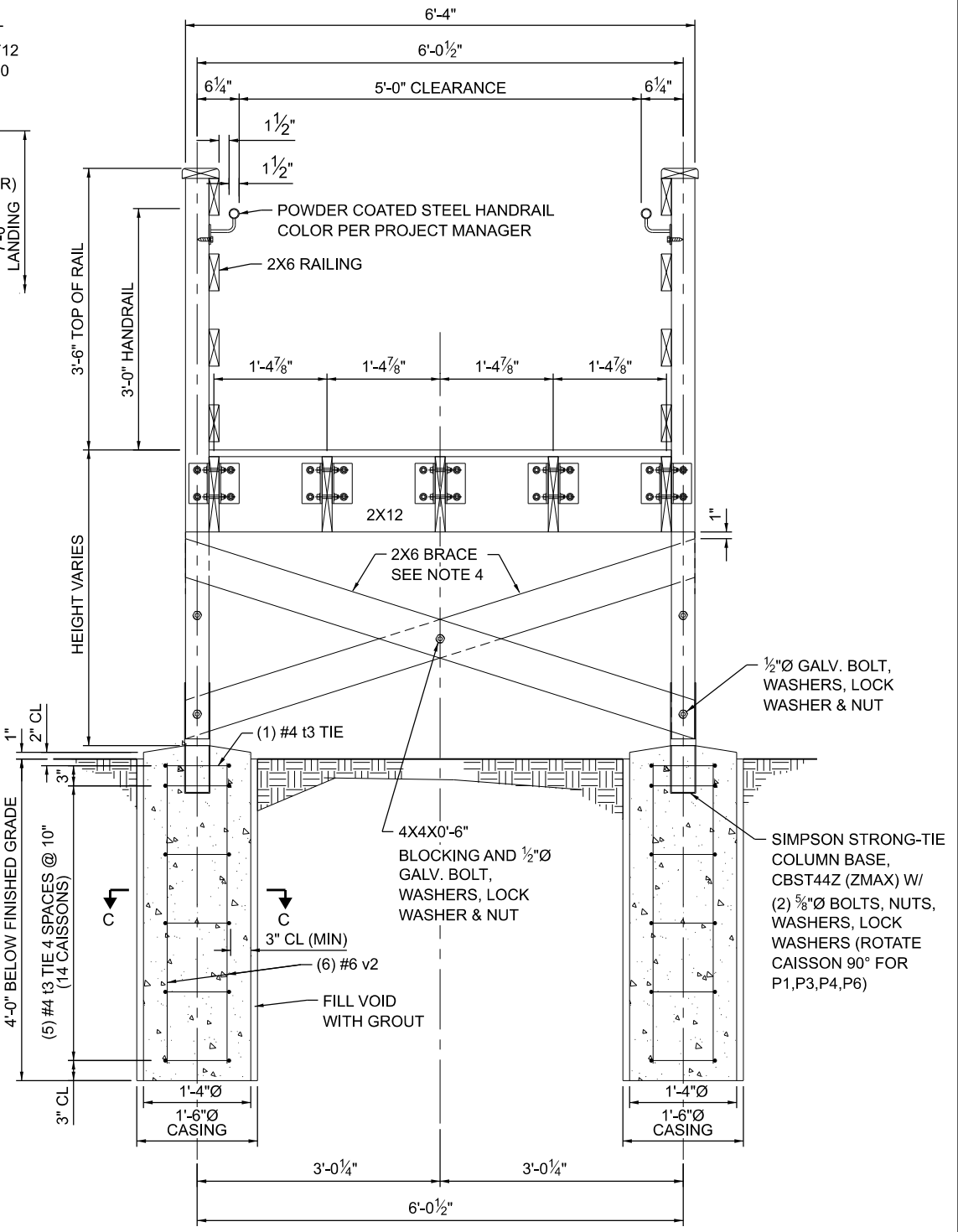
UPPER STAIR ABUTMENT PLAN (UA)
SCALE: 1 1/2"=1'-0"



SECTION A-A
LOWER STAIR ABUTMENT
SCALE: 1 1/2"=1'-0"



SECTION B-B
UPPER STAIR ABUTMENT
SCALE: 1 1/2"=1'-0"



POST BRACING DETAIL
(P2, P5, P7 SHOWN LOOKING UPHILL)
SCALE: 1 1/2"=1'-0"

- NOTES:
1. CONCRETE CAISSON SHALL BE MEASURED AND PAID AS CONCRETE STRUCTURES. REBAR WILL BE MEASURED AND PAID AS REINFORCEMENT BARS.
 2. GROUT WILL NOT BE MEASURED FOR PAYMENT. GROUT SHALL BE INCLUDED IN THE COST OF CONCRETE CAISSON.
 3. GROUT SHALL COMPLY WITH SECTION 1024 OF THE STANDARD SPECIFICATIONS.
 4. 2X6 BRACING REQUIRED AT PEIRS 2,5 AND 7.

MODEL: SHEET_Plan New
FILE NAME: C:\Cw\Proj\Proj\Projects\Weldon Springs Trail Bridges\CADD\Plan Sheets\08-1 Weldon Detail\Struct2-Sup.dgn

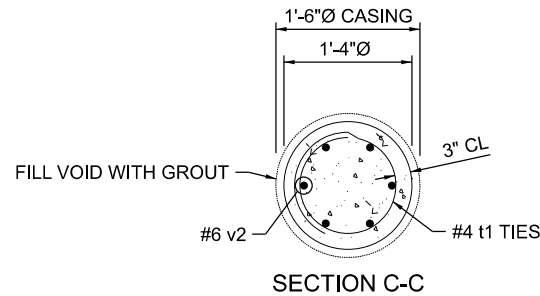
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DRAWN - JTC	REVISED -	
PLOT SCALE = 2,000' = 1" IN.	CHECKED - LTM	REVISED -
PLOT DATE = 4/8/2026	DATE - 4/8/2026	REVISED -

OFFICE OF REALTY AND CAPITAL PLANNING
ILLINOIS DEPARTMENT OF NATURAL RESOURCES
STATE OF ILLINOIS

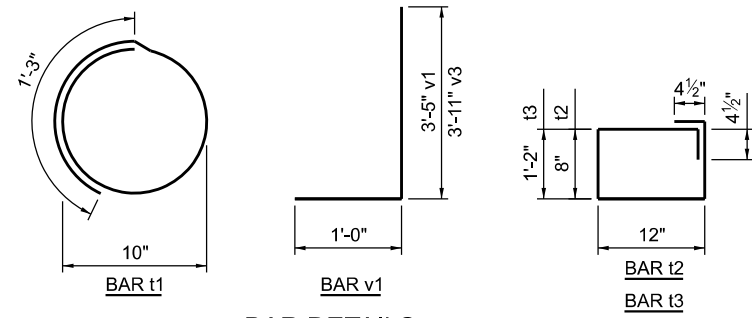
WELDON SPRINGS STATE PARK
RECREATIONAL TRAIL AND BRIDGE IMPROVEMENTS PROJECT
PROPOSED STRUCTURE 2 - STAIRS DETAILS 1

COUNTY	TOTAL SHEETS	SHEET NO.
DEWITT	19	11
IDNR 3-23-001		

MODEL - SHEET - PLAN NEW
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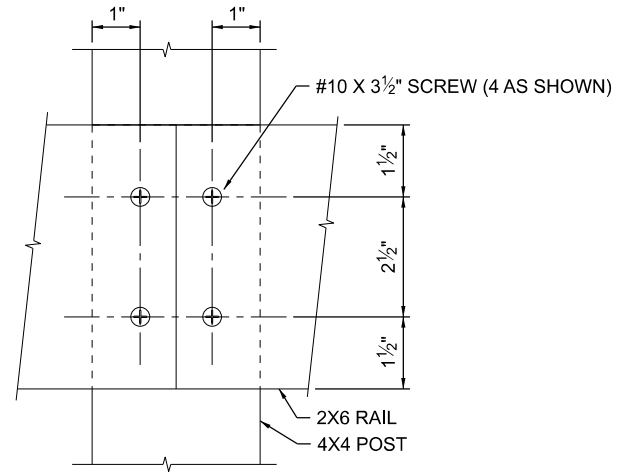


NOTES:
 1. BACKFILL EXCAVATED AREAS FOR ABUTMENTS IN ACCORDANCE WITH ARTICLE 502.10 OF THE STANDARD SPECIFICATIONS AT NO ADDITIONAL COST TO THE DEPARTMENT.

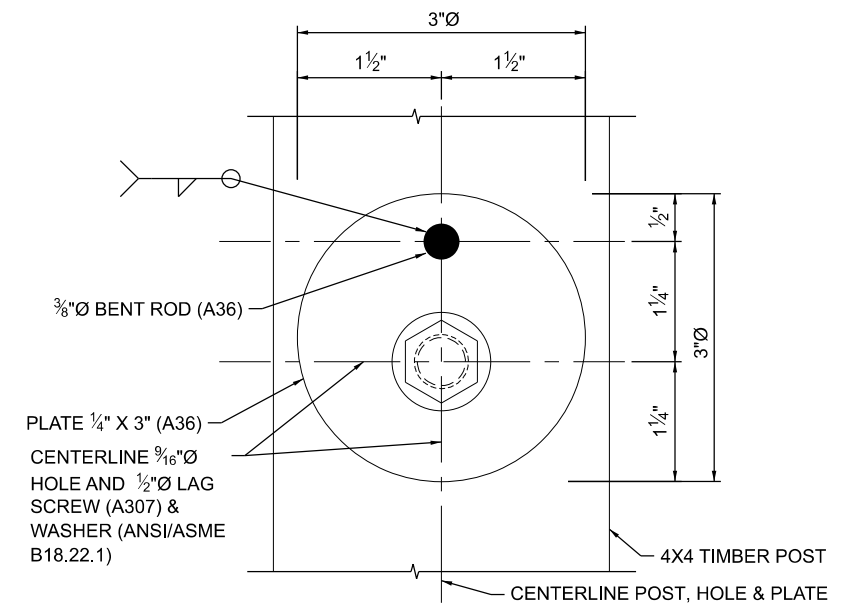


BAR LIST
 2 ABUTMENTS (UPPER AND LOWER) & 7 PIERS

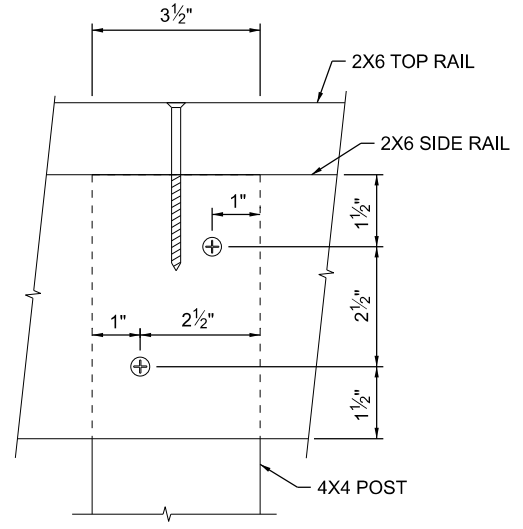
BAR	NO.	SIZE	LENGTH	SHAPE
h3	13	6	7'-2"	—
n	8	4	2'-4"	—
t1	84	4	3'-10"	⊙
t2	8	4	4'-1"	□
t3	8	4	5'-1"	□
v1	12	6	4'-5"	┌
v2	84	6	3'-7"	—
v3	12	6	4'-11"	└



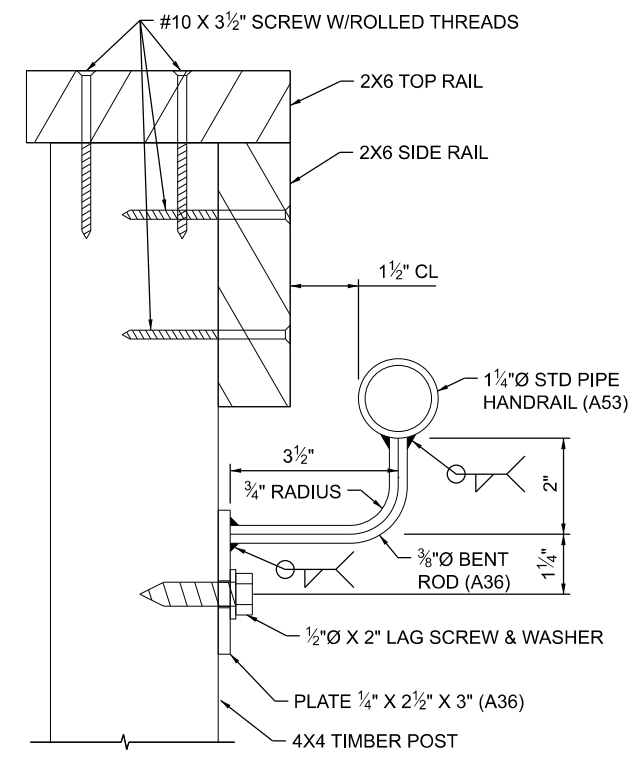
ELEVATION VIEW - RAIL SPLICE CONNECTION



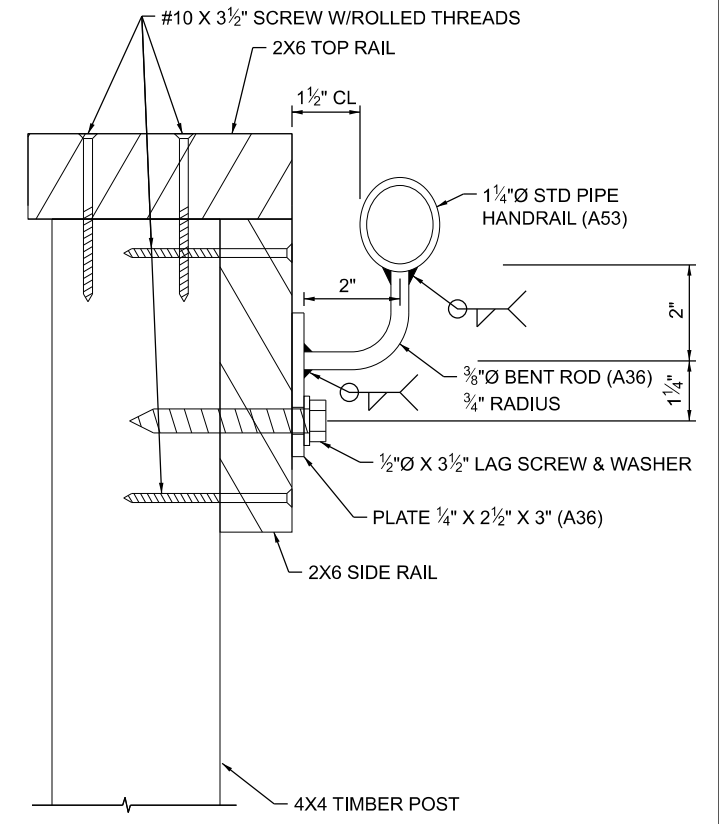
ELEVATION - RAIL TO POST CONNECTION
 SCALE: 1"=1"



ELEVATION VIEW - RAIL TO POST CONNECTION

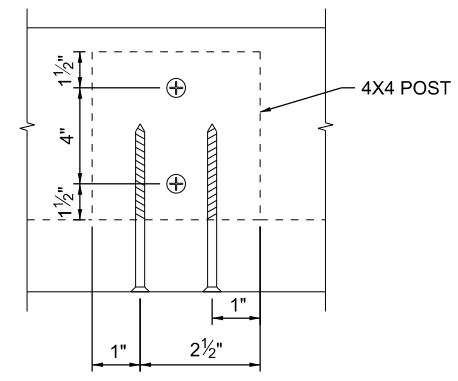


SIDE VIEW - RAIL TO POST CONNECTION
 PIERS 2, 5, 7
 SCALE: 1/2"=1"



SIDE VIEW - RAIL TO SIDERAIL POST CONNECTION
 PIERS 1,3,4,6 AND LA
 SCALE: 1/2"=1"

NOTE:
 HANDRAIL, BENT ROD, PLATE AND LAG SCREW SHALL BE POWDER COATED TO MATCH RAILING PANELS.



TOP VIEW - RAIL TO POST CONNECTION

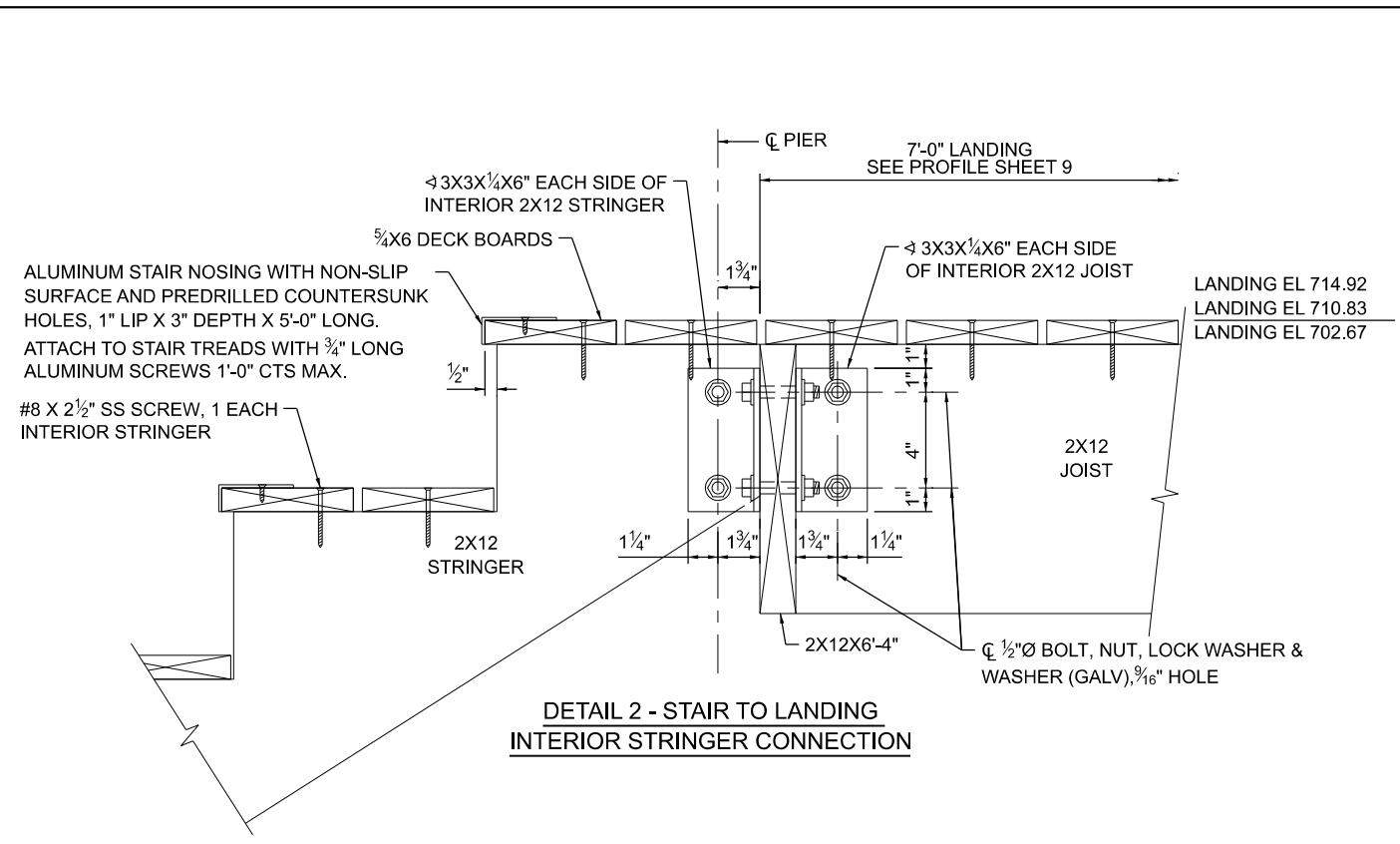
USER NAME =	DESIGNED - LEL	REVISED -
DRAWN - JTC	REVISED -	
PLOT SCALE = 0.1666' / in.	CHECKED - LTM	REVISED -
PLOT DATE = 4/8/2026	DATE - 4/8/2026	REVISED -

OFFICE OF REALITY & CAPITAL PROGRAMS
ILLINOIS DEPARTMENT OF NATURAL RESOURCES
STATE OF ILLINOIS

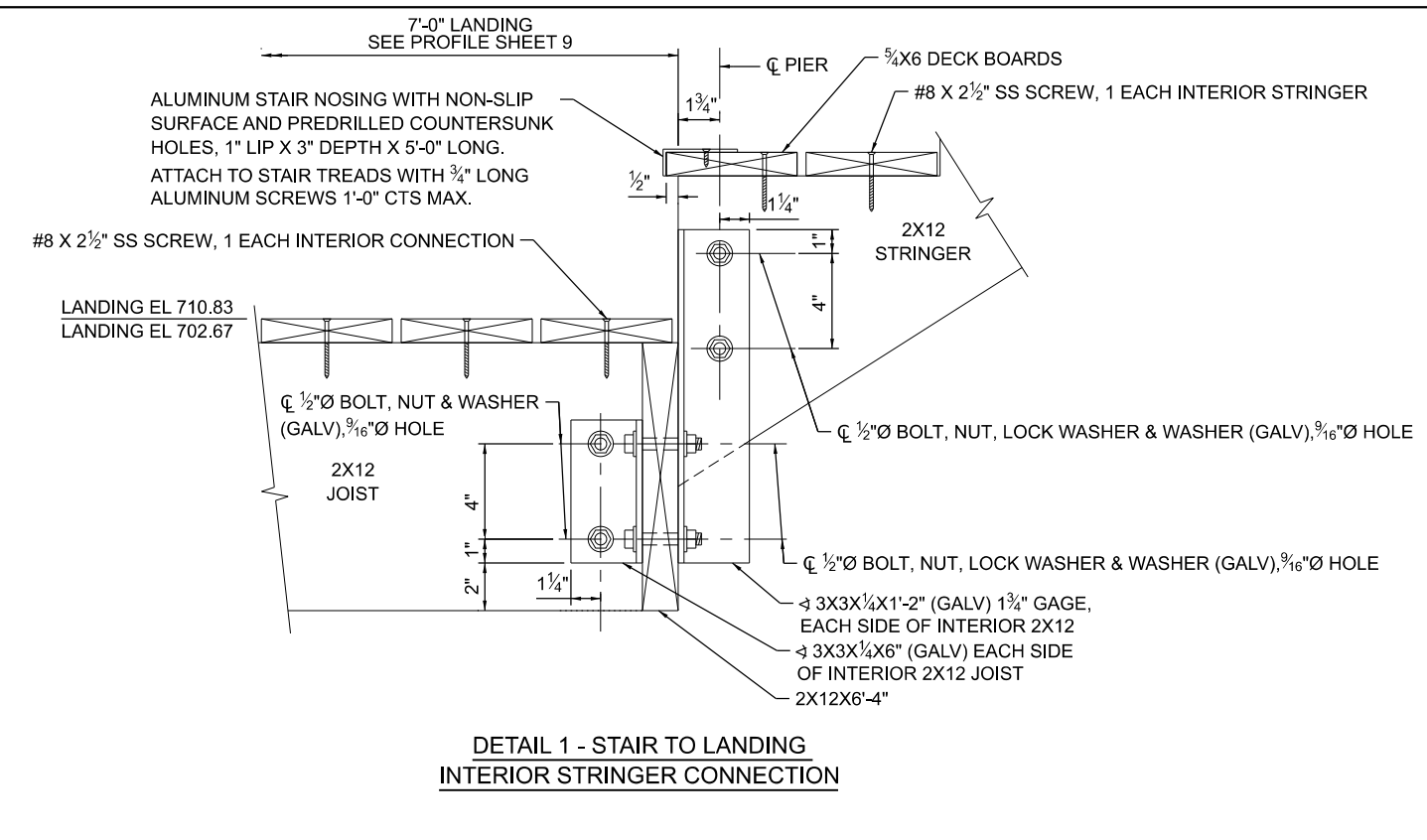
WELDON SPRINGS STATE PARK
RECREATIONAL TRAIL AND BRIDGE IMPROVEMENTS PROJECT
PROPOSED STRUCTURE 2 - STAIR DETAILS 2

COUNTY	TOTAL SHEETS	SHEET NO.
DEWITT	19	12
IDNR 3-23-001		

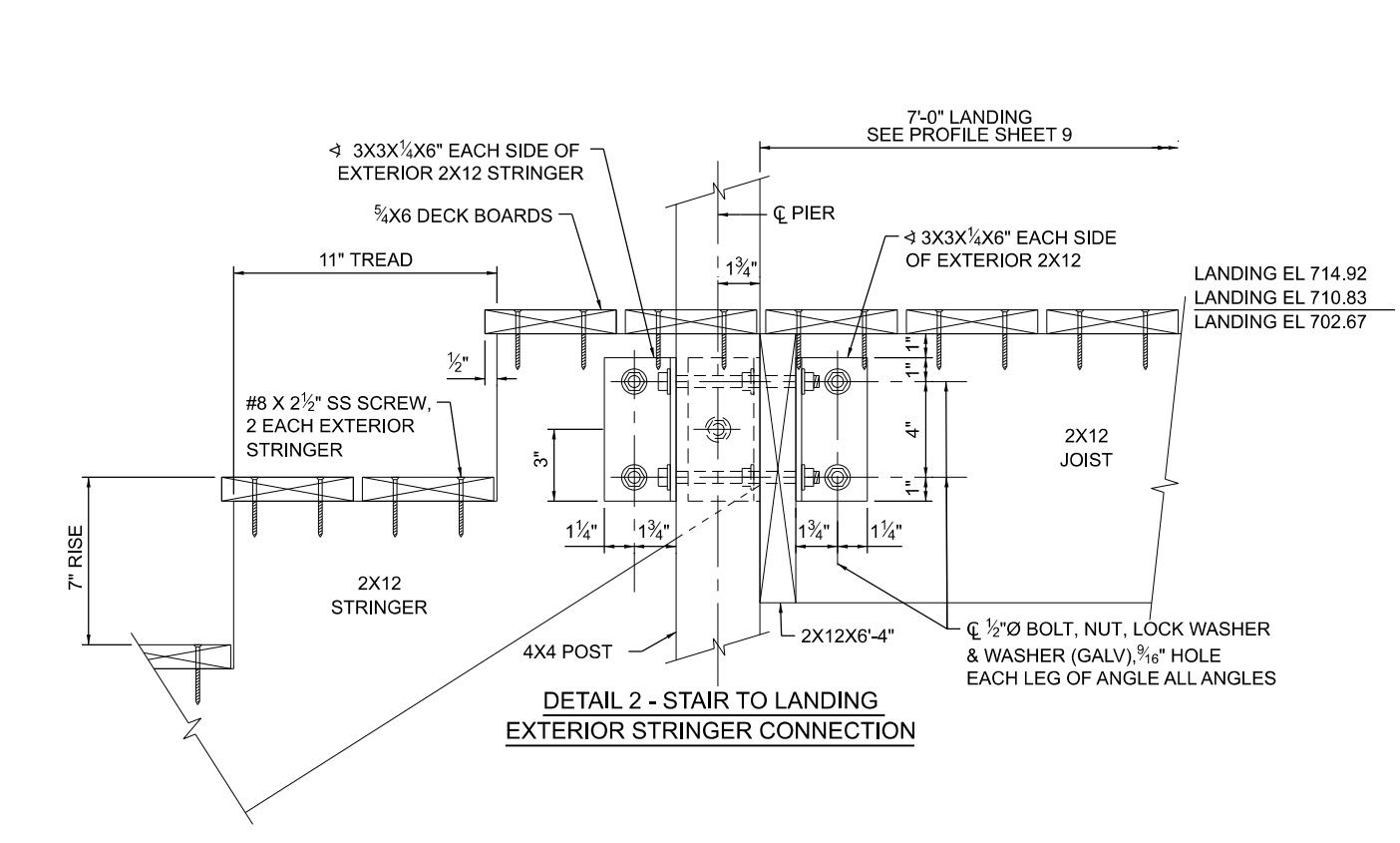
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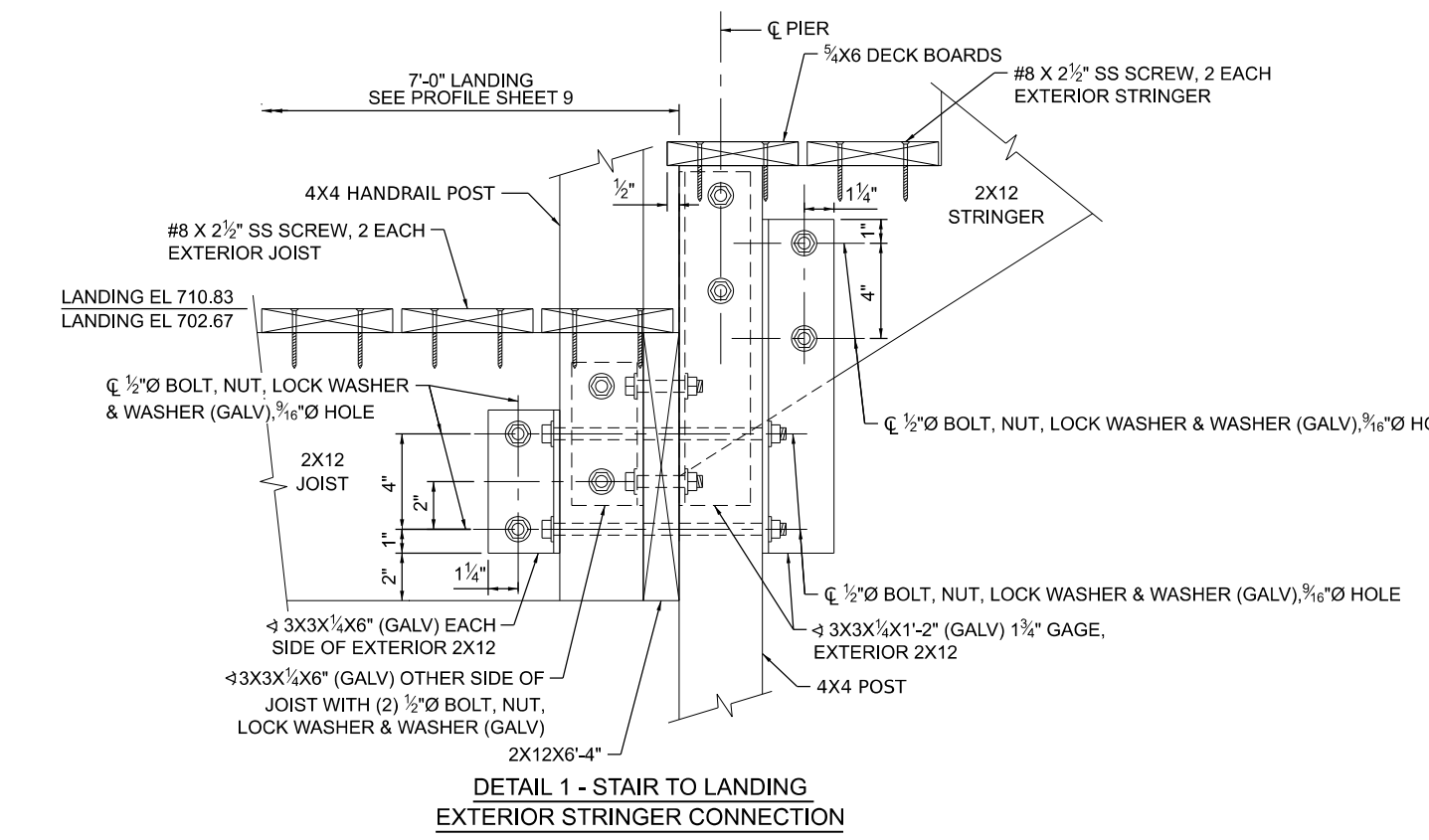
**DETAIL 2 - STAIR TO LANDING
 INTERIOR STRINGER CONNECTION**



**DETAIL 1 - STAIR TO LANDING
 INTERIOR STRINGER CONNECTION**



**DETAIL 2 - STAIR TO LANDING
 EXTERIOR STRINGER CONNECTION**



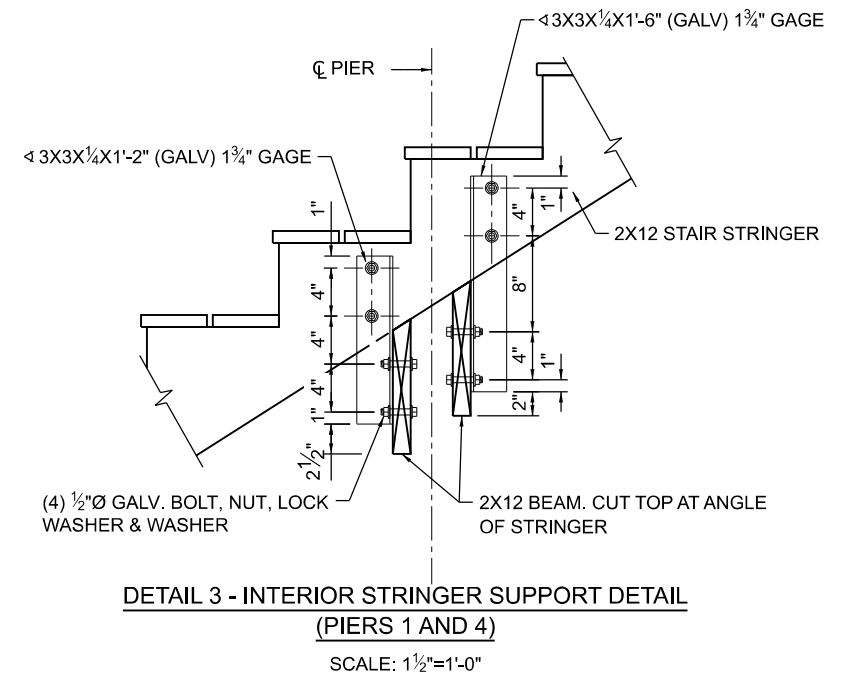
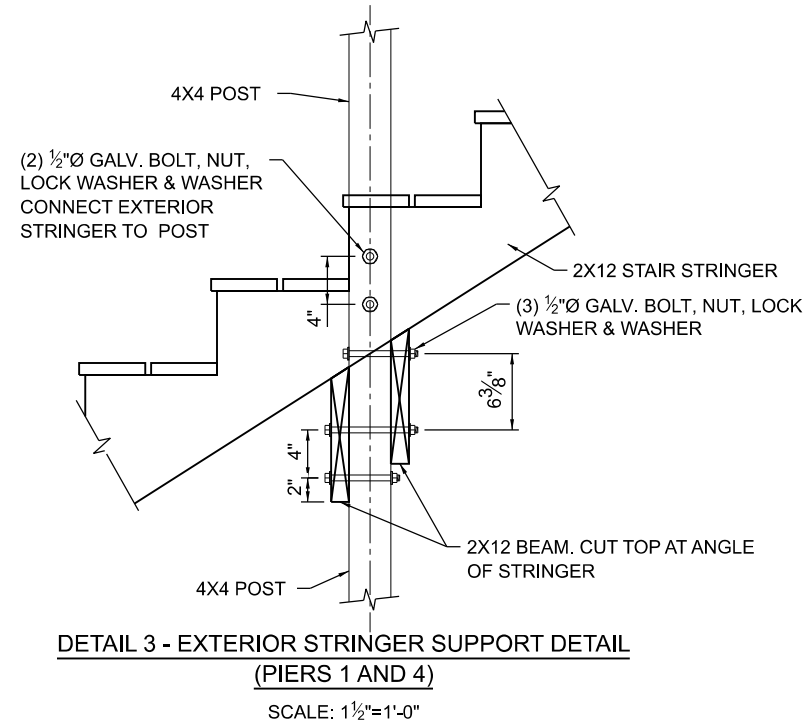
**DETAIL 1 - STAIR TO LANDING
 EXTERIOR STRINGER CONNECTION**

USER NAME =	DESIGNED - LEL	REVISED -
	DRAWN - JTC	REVISED -
PLOT SCALE = 0.6670' / in.	CHECKED - LTM	REVISED -
PLOT DATE = 4/8/2026	DATE - 4/8/2026	REVISED -

**OFFICE OF REALTY AND CAPITAL PLANNING
 ILLINOIS DEPARTMENT OF NATURAL RESOURCES
 STATE OF ILLINOIS**

**WELDON SPRINGS STATE PARK
 RECREATIONAL TRAIL AND BRIDGE IMPROVEMENTS PROJECT
 PROPOSED STRUCTURE 2 - STAIR DETAILS 3**

COUNTY	TOTAL SHEETS	SHEET NO.
DEWITT	19	13
IDNR 3-23-001		



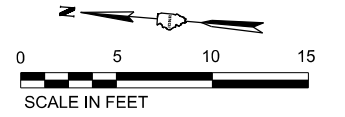
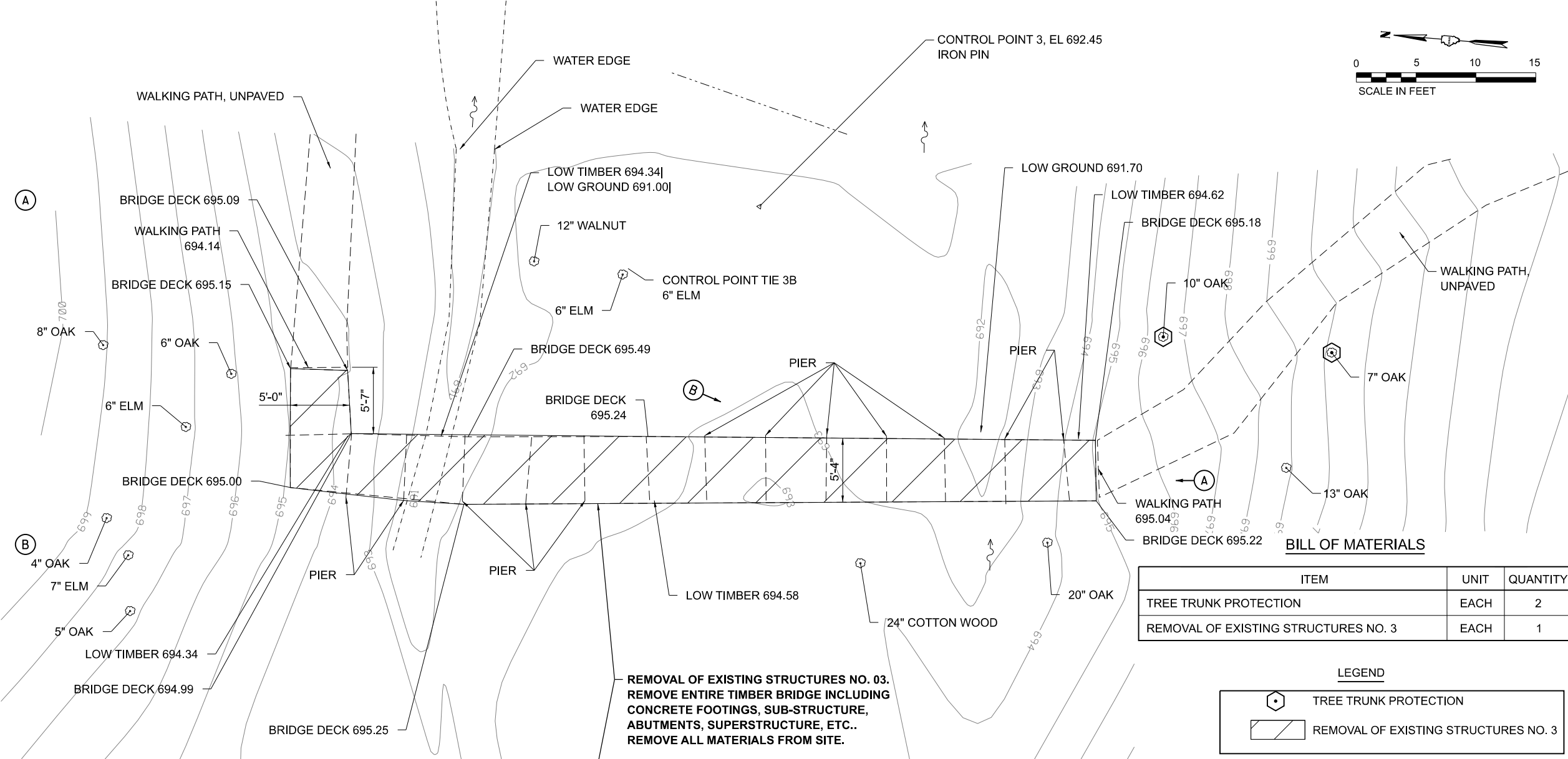
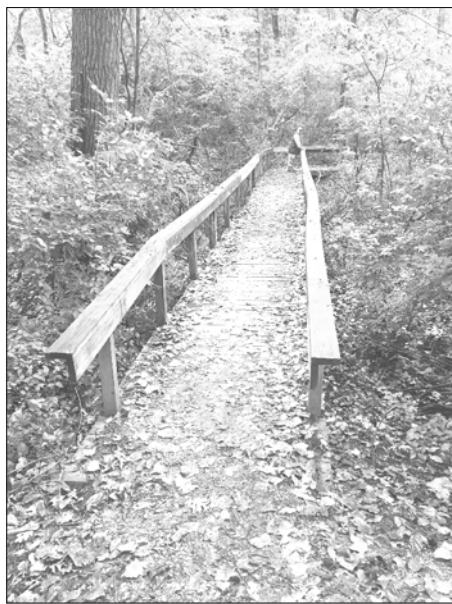
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	DRAWN - JTC	REVISED -
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ILLINOIS DEPARTMENT OF NATURAL RESOURCES
STATE OF ILLINOIS

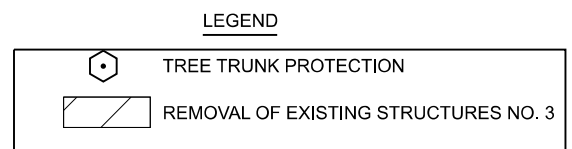
WELDON SPRINGS STATE PARK
RECREATIONAL TRAIL AND BRIDGE IMPROVEMENTS PROJECT
PROPOSED STRUCTURE 2 - STAIR DETAILS 4

COUNTY	TOTAL SHEETS	SHEET NO.
DEWITT	19	14
IDNR 3-23-001		

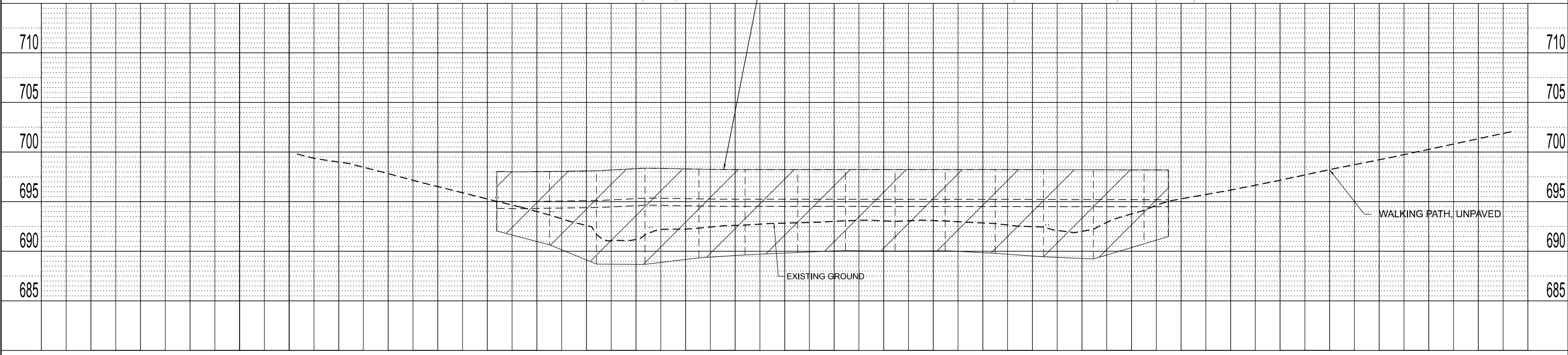


BILL OF MATERIALS

ITEM	UNIT	QUANTITY
TREE TRUNK PROTECTION	EACH	2
REMOVAL OF EXISTING STRUCTURES NO. 3	EACH	1



**REMOVAL OF EXISTING STRUCTURES NO. 03.
REMOVE ENTIRE TIMBER BRIDGE INCLUDING
CONCRETE FOOTINGS, SUB-STRUCTURE,
ABUTMENTS, SUPERSTRUCTURE, ETC..
REMOVE ALL MATERIALS FROM SITE.**



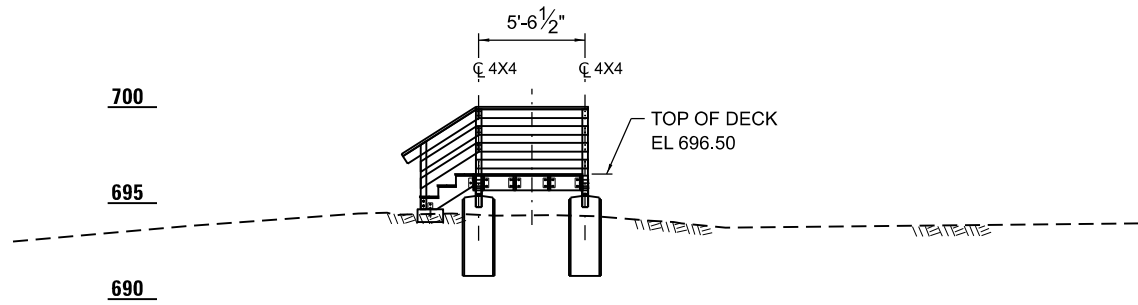
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	DRAWN - JTC	REVISED -
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PLOT DATE = 4/8/2026	DATE - 4/8/2026	REVISED -

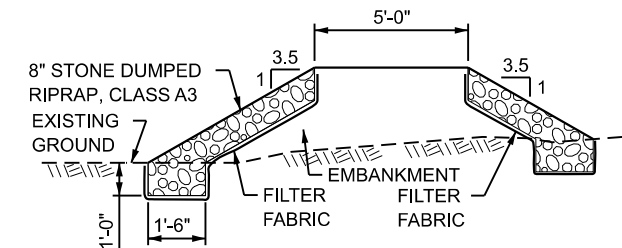
**OFFICE OF REALTY AND CAPITAL PLANNING
ILLINOIS DEPARTMENT OF NATURAL RESOURCES
STATE OF ILLINOIS**

**WELDON SPRINGS STATE PARK
RECREATIONAL TRAIL AND BRIDGE IMPROVEMENTS PROJECT
EXISTING STRUCTURE 3 - REMOVAL PLAN**

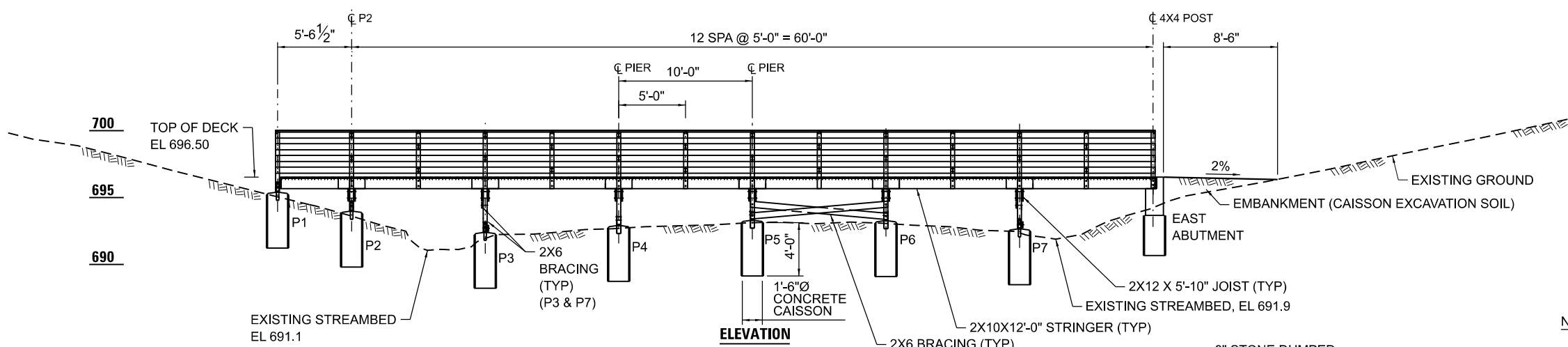
COUNTY	TOTAL SHEETS	SHEET NO.
DEWITT	19	15
IDNR 3-23-001		



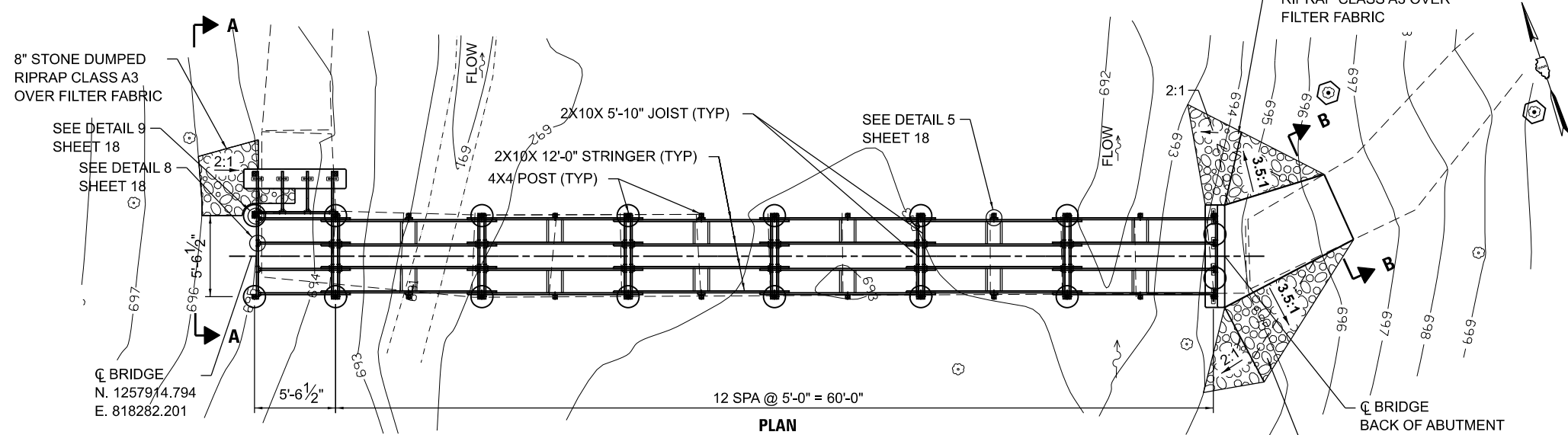
ELEVATION SECTION A-A
SEE SHEET 18



SECTION B-B



ELEVATION



PLAN

BILL OF MATERIALS

ITEM	UNIT	QUANTITY
CONCRETE STRUCTURES	CU YD	5.2
TREATED TIMBER	F.B.M.	2105
REINFORCEMENT BARS	POUND	970
FURNISHING AND ERECTING STRUCTURAL STEEL	POUND	340
STONE DUMPED RIPRAP, CLASS A3	TON	10
FILTER FABRIC	SY	28

NOTES:

1. THE COST OF ALL HARDWARE INCLUDING ANCHOR BOLTS SHALL NOT BE PAID SEPARATELY. THE COST SHALL BE INCLUDED IN TREATED TIMBER.

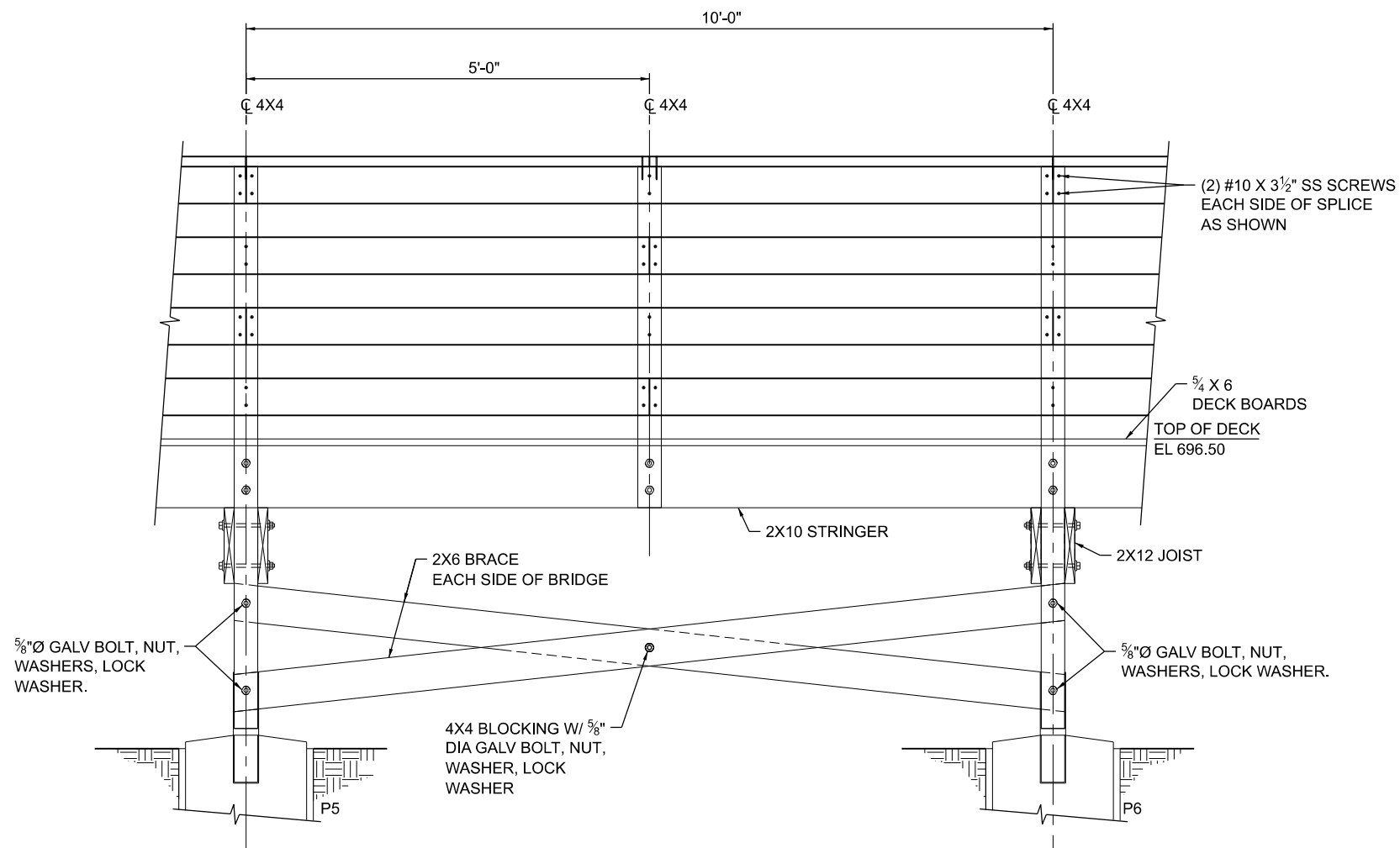
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USER NAME =	DESIGNED - LEL	REVISED -
	DRAWN - JTC	REVISED -
PLOT SCALE = 10,000' / 1"	CHECKED - LTM	REVISED -
PLOT DATE = 4/8/2026	DATE - 4/8/2026	REVISED -

OFFICE OF REALTY AND CAPITAL PLANNING
ILLINOIS DEPARTMENT OF NATURAL RESOURCES
STATE OF ILLINOIS

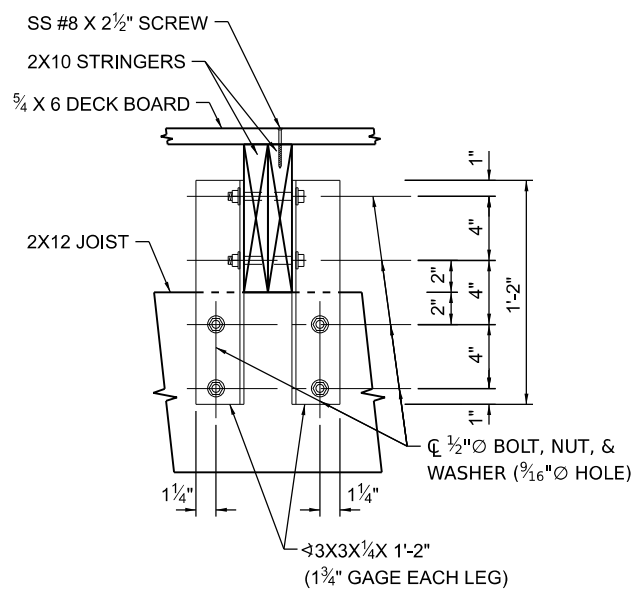
WELDON SPRINGS STATE PARK
RECREATIONAL TRAIL AND BRIDGE IMPROVEMENTS PROJECT
PROPOSED STRUCTURE 3 - GENERAL PLAN AND ELEVATION, TIMBER BRIDGE

COUNTY	TOTAL SHEETS	SHEET NO.
DEWITT	19	16
IDNR 3-23-001		



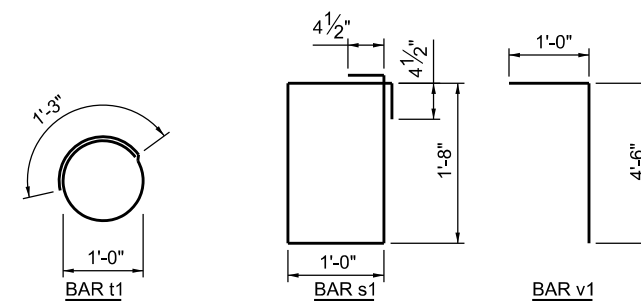
ELEVATION - BRACE DETAIL

NOTE:
SPLICE RAIL EVERY OTHER POST.



DETAIL 1 - INTERIOR JOIST TO STRINGER CONNECTION

SCALE: 1"=1'-0"

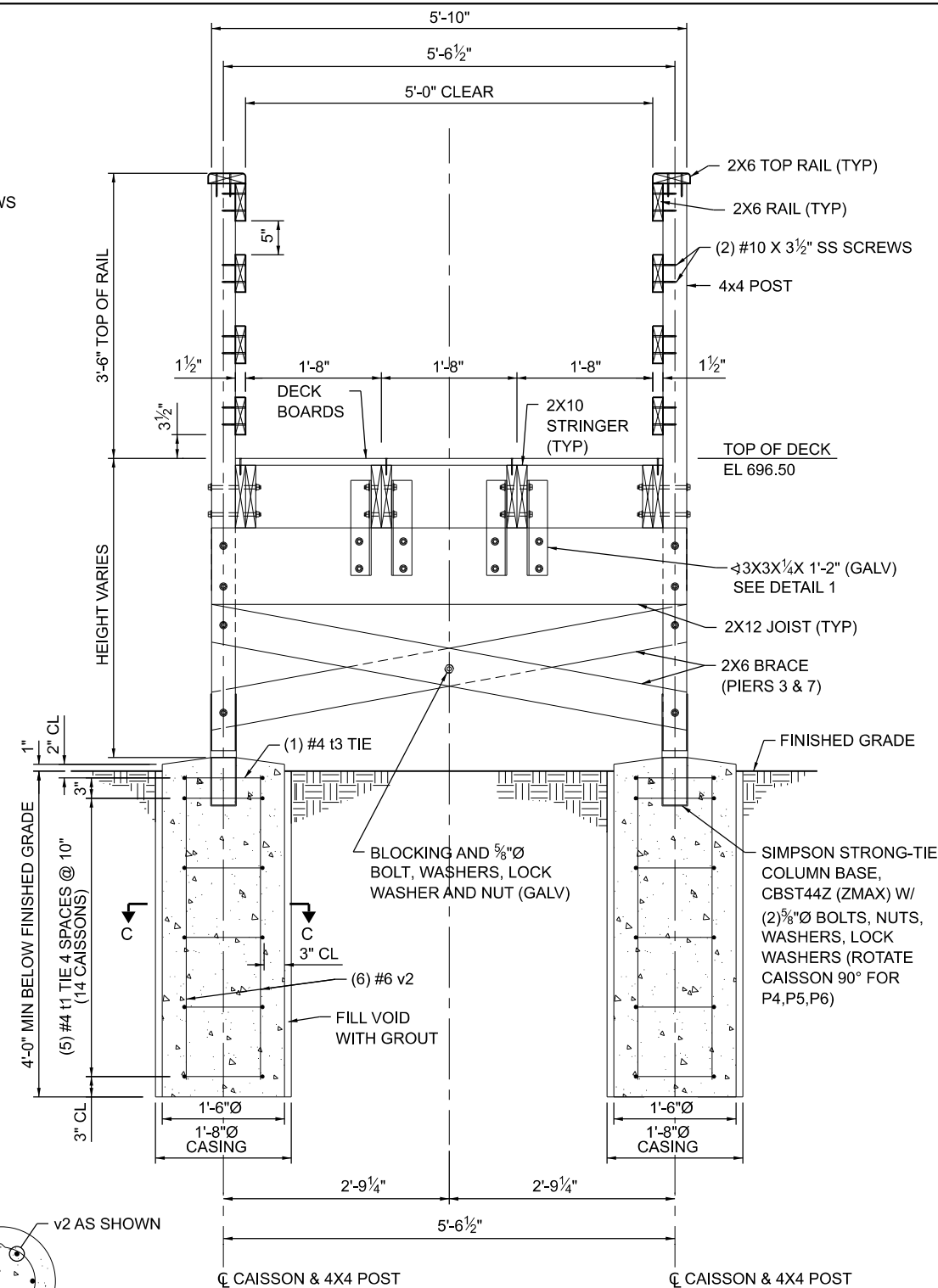


BAR DETAILS

BAR LIST

1 ABUTMENT (EAST) & 16 CAISSON

BAR	NO.	SIZE	LENGTH	SHAPE
h1	7	6	1'-0"	—
h2	2	6	6'-8"	—
h3	7	6	6'-8"	—
n	7	4	2'-8"	—
s1	7	4	6'-1"	□
t1	92	4	4'-5"	○
v1	12	6	5'-6"	┌
v2	84	6	3'-7"	—



SECTION C-C

v2 AS SHOWN

- NOTES:
- BACKFILL EXCAVATED AREAS FOR ABUTMENTS IN ACCORDANCE WITH ARTICLE 502.10 OF THE STANDARD SPECIFICATIONS AT NO ADDITIONAL COST TO THE DEPARTMENT.

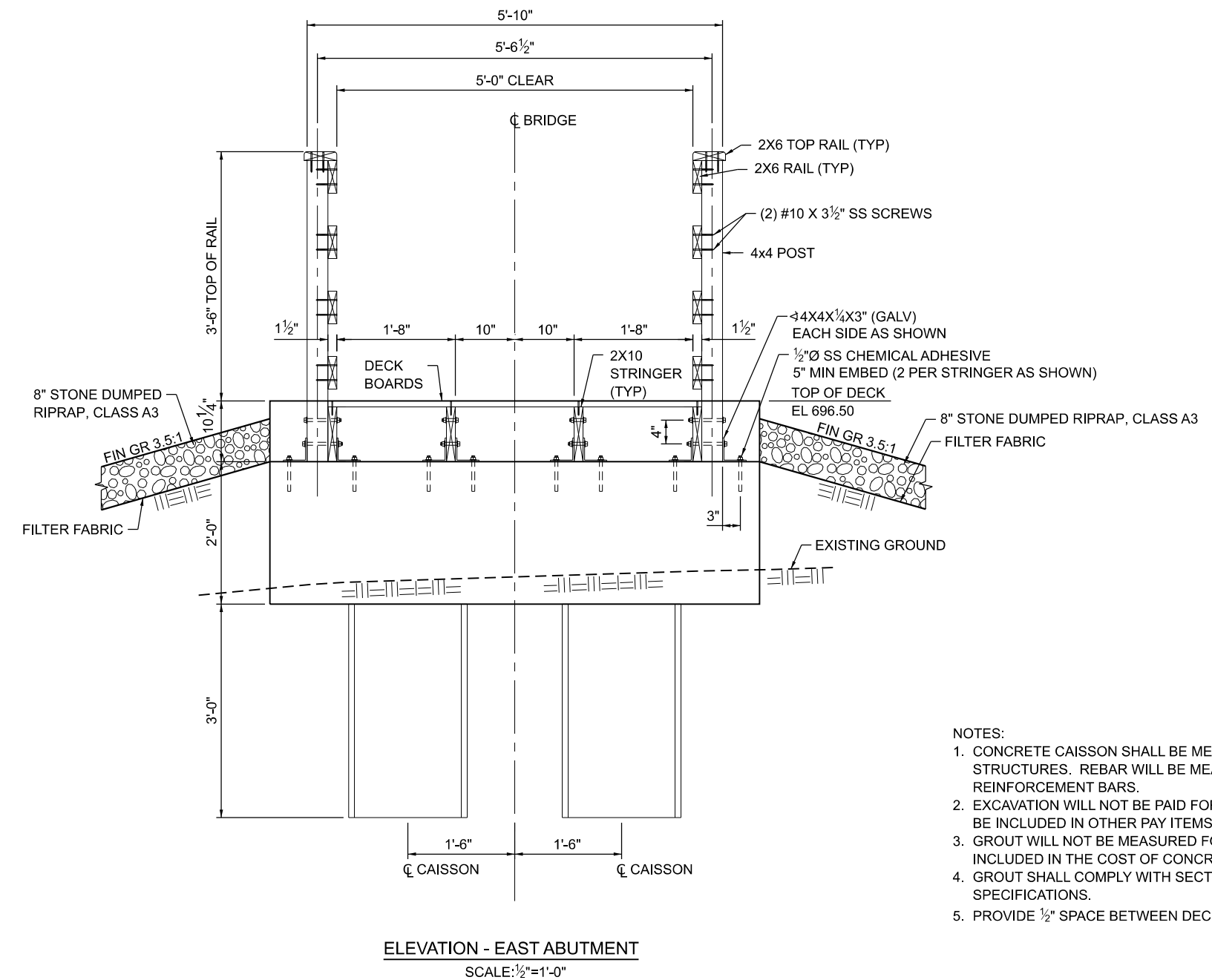
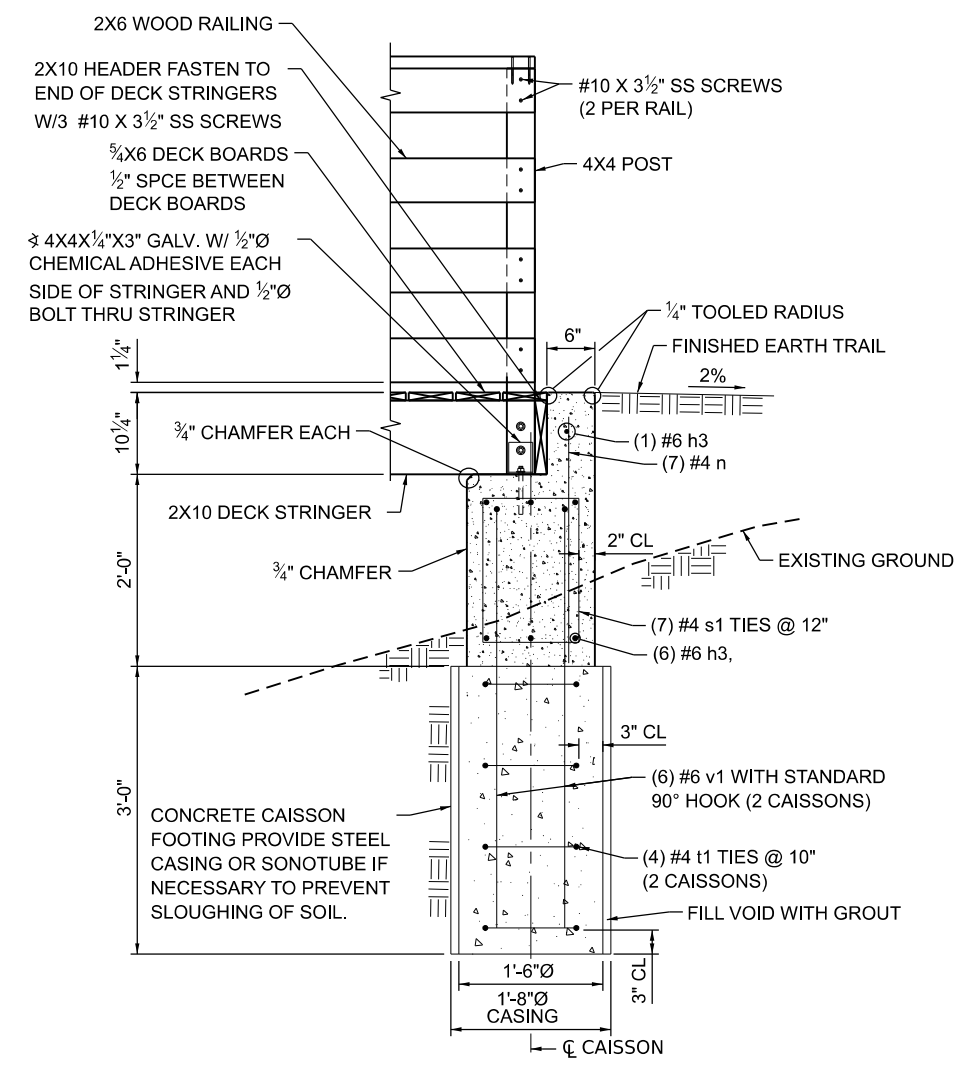
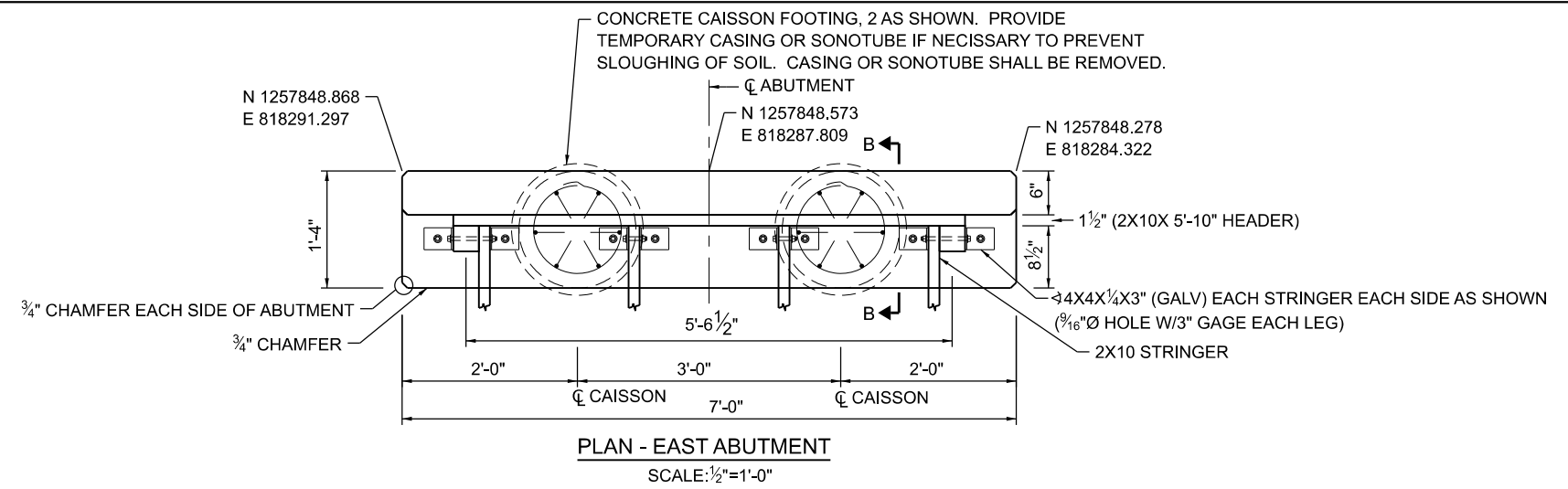
MODEL: SHEET_Plan New
FILE NAME: C:\Cw\Proj\p\Projects\Weldon Springs Trail Bridges\CADD\Plan Sheets\18_Weldon_Detail\Struct3-Sup-Timber.cgm

USER NAME =	DESIGNED - LEL	REVISED -
DRAWN - JTC	REVISED -	
PLOT SCALE = 2,000' / 1" IN.	CHECKED - LTM	REVISED -
PLOT DATE = 4/8/2026	DATE - 4/8/2026	REVISED -

OFFICE OF REALTY AND CAPITAL PLANNING
ILLINOIS DEPARTMENT OF NATURAL RESOURCES
STATE OF ILLINOIS

WELDON SPRINGS STATE PARK
RECREATIONAL TRAIL AND BRIDGE IMPROVEMENTS PROJECT
PROPOSED STRUCTURE 3 - TIMBER BRIDGE DETAILS 1

COUNTY	TOTAL SHEETS	SHEET NO.
DEWITT	19	17
IDNR 3-23-001		



- NOTES:
1. CONCRETE CAISSON SHALL BE MEASURED AND PAID AS CONCRETE STRUCTURES. REBAR WILL BE MEASURED AND PAID AS REINFORCEMENT BARS.
 2. EXCAVATION WILL NOT BE PAID FOR SEPARATELY. THE COST SHALL BE INCLUDED IN OTHER PAY ITEMS.
 3. GROUT WILL NOT BE MEASURED FOR PAYMENT. GROUT SHALL BE INCLUDED IN THE COST OF CONCRETE CAISSON.
 4. GROUT SHALL COMPLY WITH SECTION 1024 OF THE STANDARD SPECIFICATIONS.
 5. PROVIDE 1/2" SPACE BETWEEN DECK BOARDS.

MODEL: SHEET_Plan New
FILE NAME: C:\Cwr\Proj\mp\Projects\Weldon Springs Trail Bridges\CADD\Plan Sheets\18C_Weldon_Detail\Struct3-Sup-Timber.dgn

**SECTION B-B
ABUTMENT**
SCALE: 1/2"=1'-0"

ELEVATION - EAST ABUTMENT
SCALE: 1/2"=1'-0"

USER NAME =	DESIGNED - LEL	REVISED -
	DRAWN - JTC	REVISED -
PLOT SCALE = 2,000' = 1" IN.	CHECKED - LTM	REVISED -
PLOT DATE = 4/8/2026	DATE - 4/8/2026	REVISED -

**OFFICE OF REALTY AND CAPITAL PLANNING
ILLINOIS DEPARTMENT OF NATURAL RESOURCES
STATE OF ILLINOIS**

**WELDON SPRINGS STATE PARK
RECREATIONAL TRAIL AND BRIDGE IMPROVEMENTS PROJECT
PROPOSED STRUCTURE 3 - EAST ABUTMENT DETAILS**

COUNTY	TOTAL SHEETS	SHEET NO.
DEWITT	19	19
IDNR 3-23-001		