

ADDENDUM No. 1

ITB No. 4544

Riverside Park Boardwalk Replacement

Due: October 9, 2018 at 10:00 A.M. (local time)

The following changes, additions, and/or deletions shall be made to the Invitation to Bid for Riverside Park Boardwalk Replacement, ITB No. 4544, on which bids will be received on/or before the date and time listed above.

The information contained herein shall take precedence over the original documents and all previous addenda (if any), and is appended thereto. **This Addendum includes six (6) pages.**

Bidder is to acknowledge receipt of this Addendum No. 1, including all attachments (if any) in its Bid by so indicating on Page ITB-1 of the Invitation to Bid Form. Bids submitted without acknowledgement of receipt of this addendum may be considered non-conforming.

The following forms provided within the ITB document must be included in submitted proposal:

- City of Ann Arbor Prevailing Wage Declaration of Compliance
- City of Ann Arbor Living Wage Ordinance Declaration of Compliance
- Vendor Conflict of Interest Disclosure Form
- City of Ann Arbor Non-Discrimination Ordinance Declaration of Compliance

Bids that fail to provide these completed forms listed above upon bid opening will be rejected as non-responsive and will not be considered for award.

I. CORRECTIONS/ADDITIONS/DELETIONS

Changes to the Bid documents which are outlined below are referenced to a page or Section in which they appear conspicuously. The Bidder is to take note in its review of the documents and include these changes as they may affect work or details in other areas not specifically referenced here.

Section/Page(s)	Change
Drawing 4	Updated the wire mesh specifications on the Boardwalk Railing Elevation.
Drawing 7	Updated to reflect revised site access.

II. QUESTIONS AND ANSWERS

The following Questions have been received by the City. Responses are being provided in accordance with the terms of the Bid. Respondents are directed to take note in their review of the documents of the following questions and City responses as they affect work or details in other areas not specifically referenced here.

Question 1: Can the adjacent pond be drained to assist the construction process?

Answer 1: No

Question 2: Can brush and trees along the berm be cleared during construction?

Answer 2: The contractor can remove brush within 3 feet of the sheet pile wall. No trees greater than 6-inch dbh shall be removed.

Question 3: Will the City permit fees be waived for the required City Right-of-Way and Soil Erosion Permits?

Answer 3: Yes, all fees will be waived for the City permits.

Question 4: Who will be responsible if the pathway from Riverside Park to the boardwalk is damaged during construction?

Answer 4: The contractor shall take all reasonable precautions to prevent damage to the pathway. This shall include covering the pathway when moving tracked equipment down the pathway and not driving overweight equipment on the pathway while Frost Laws are active. If the pathway is damaged during routine construction activity, the City will make necessary repairs.

Question 5: Can the pre-bid meeting sign-in sheet be provided?

Answer 5: Yes, it is attached to the addendum.

Question 6: What is the Engineer's Estimate for the project?

Answer 6: The Engineer's Estimate for this project is \$198,000.

Question 7: I can't locate a detail on the plans or specifications that describe what should be included in the pay items: Structural Steel, Mixed, Erect 1,017 lb, Structural Steel, Mixed, Furn and Fab 1,017 lb, and Adhesive Anchoring of Horizontal Bar, 5 ea. Please describe the Measurement and Payment on what is included for each of the pay items.

Answer 7: Refer to the MDOT 2012 Standard Specifications for Measurement and Payment. The structural steel pay item is for the boardwalk support bracket (Sheet 5, Boardwalk Support Detail and Bracket). The Adhesive Anchoring pay item is intended for the anchoring of the anchor bolts to the existing concrete approach at the POE (Sheet 4, Existing Concrete Approach Detail).

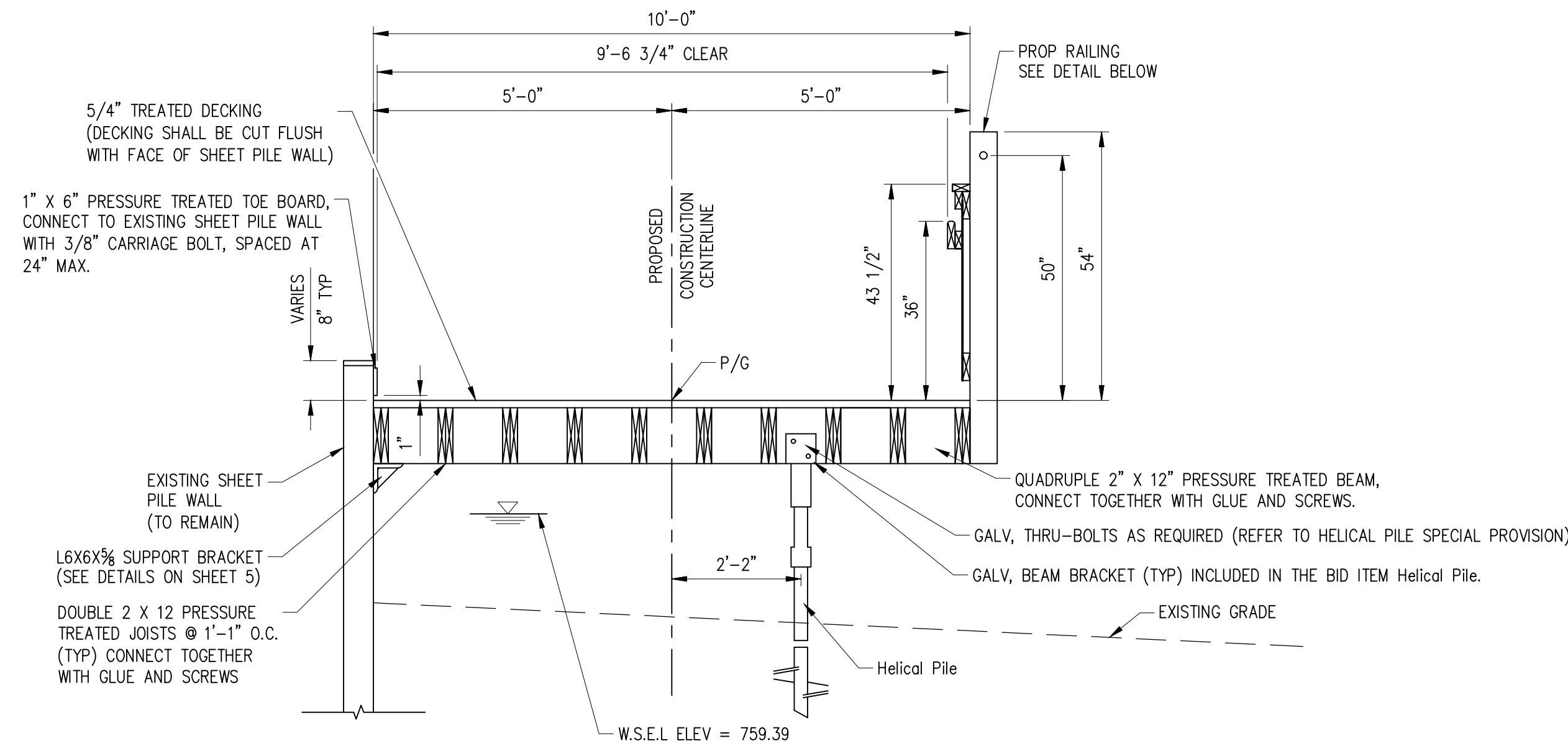
Question 8: Plan Sheet 5 shows the L6x6x5/8" angle in the Boardwalk Support Detail. The detail assumes that the existing sheet pile wall is plumb, but in many locations, the sheet pile wall is not straight up and down. How will this be accounted for when welding the L angle to the sheet pile wall since the support has to be square to have a level boardwalk?

Answer 8: The angle is intended to support the beams that are spaced at 10 ft intervals. If the steel sheet piling is out of plumb at these locations, the angle should be wedged to provide a flat surface for the beam.

Question 9: If during installation, the helical piles must to go deeper to meet the required support, will additional payment be provided? How should we account for this possibility of additional charges based on onsite conditions? Is this something the City would cover in a change order based on actual geotechnical conditions onsite?

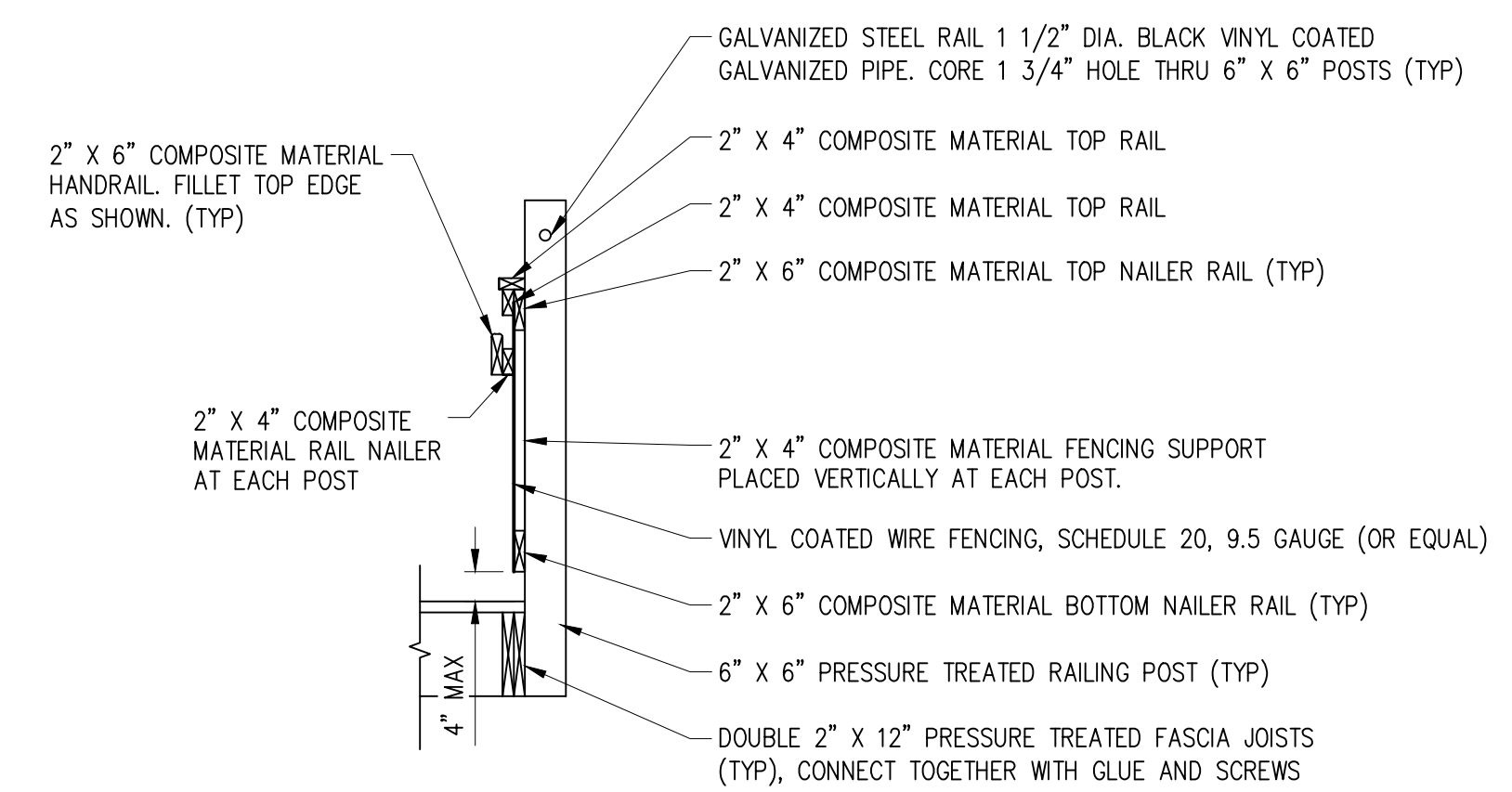
Answer 9: No. Refer to Section c.3. Subsurface Data on page 6 in the Special Provision for Helical Piles. "It is expressly understood that the Owner will not be responsible for interpretations or conclusions drawn therefrom by the Contractor. Additional soil test borings and other exploratory procedures may be performed by the Contractor at no additional cost to the Owner."

Bidders are responsible for any conclusions that they may draw from the information contained in the Addendum.

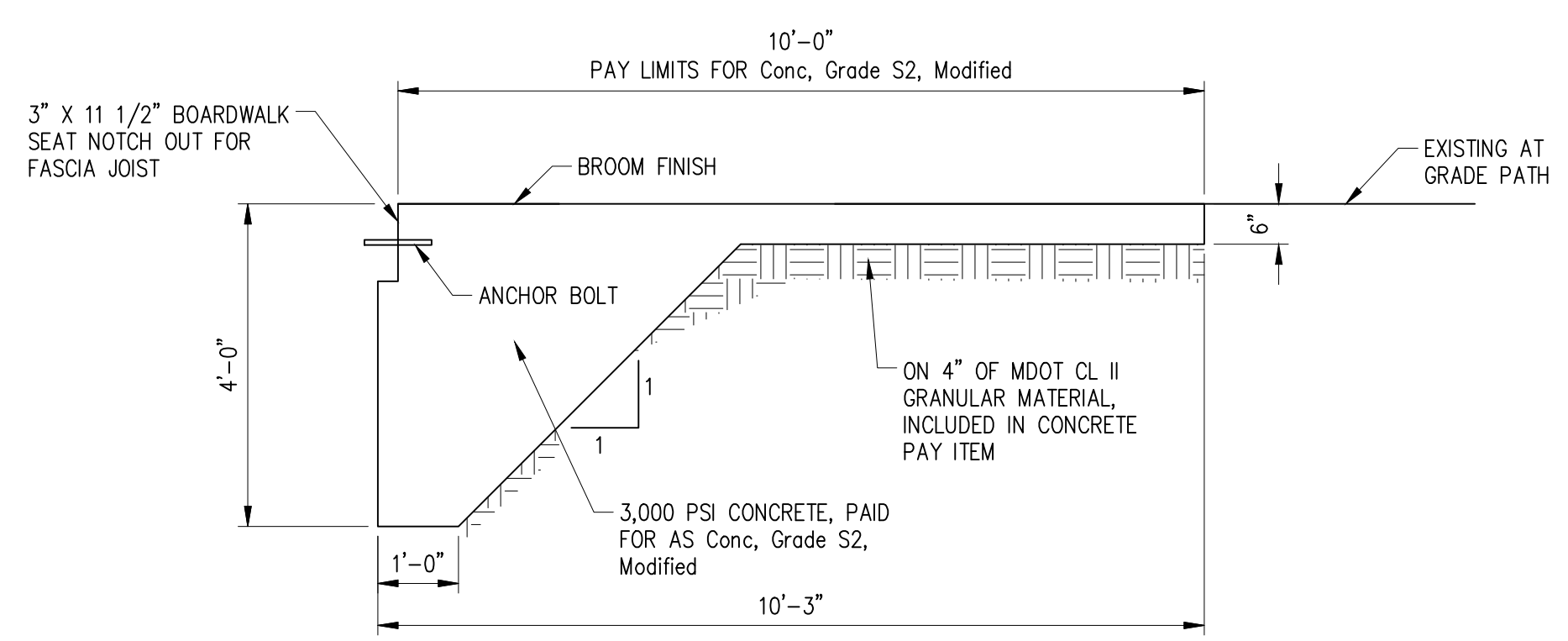


PROPOSED TYPICAL BOARDWALK SECTION
SCALE: 1/2" = 1'-0"

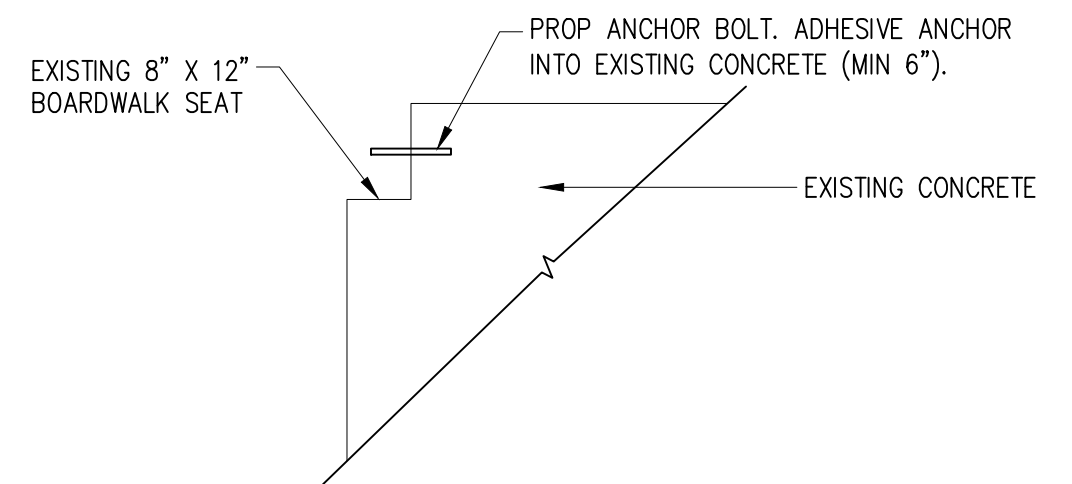
NOTE:
ALL WORK AND MATERIALS REQUIRED TO INSTALL BOARDWALK, AS SHOWN, EXCEPT Helical Pile, IS INCLUDED IN Structure, Timber, Boardwalk PAY ITEM BY THE FOOT AND NOT PAID FOR SEPARATE.



PROPOSED TYPICAL RAILING DETAIL
SCALE: 1/2" = 1'-0"

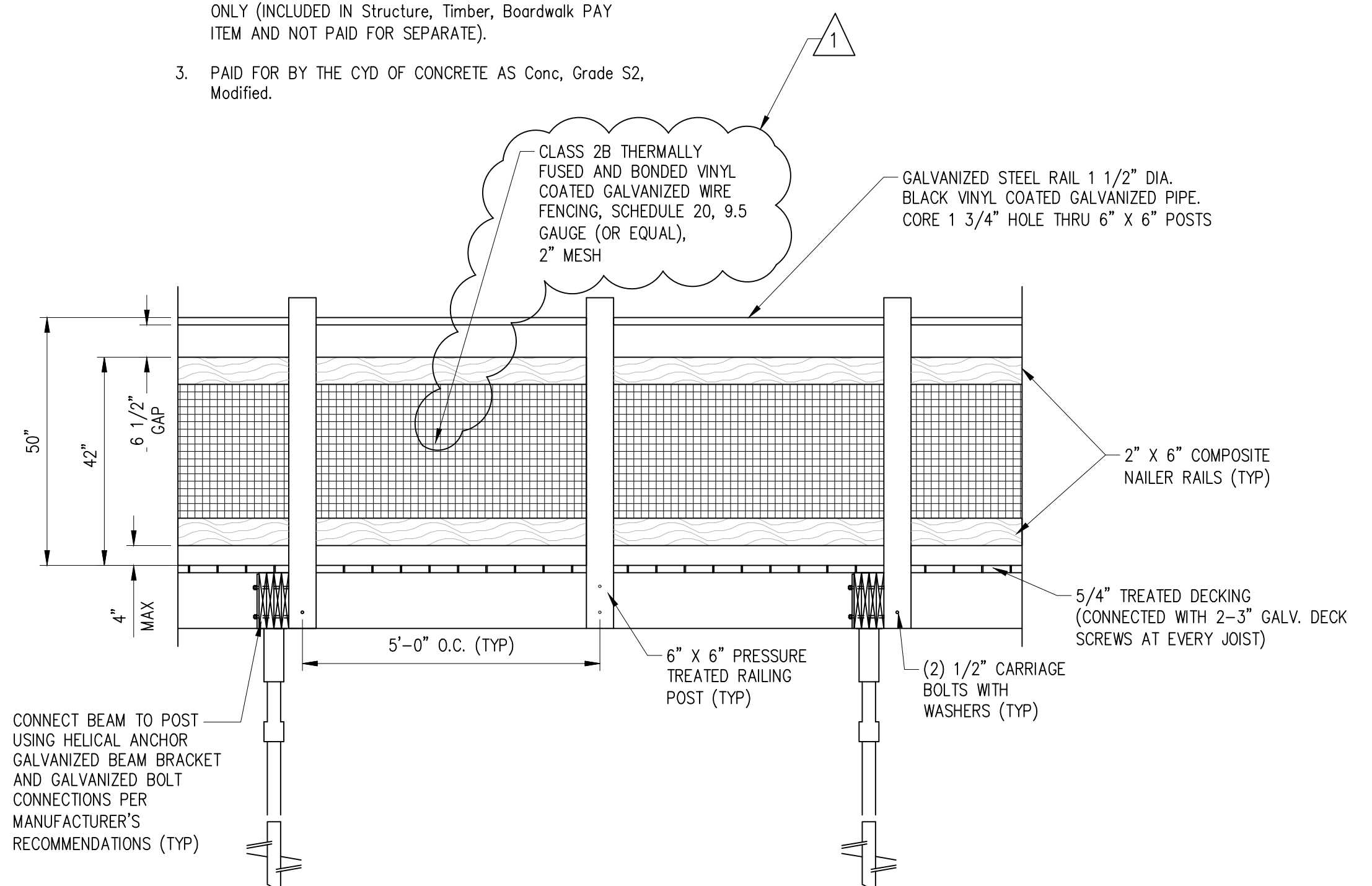


CONCRETE APPROACH DETAIL
SCALE: 1/2" = 1'-0"
TO APPLY: STA 11+70 (POB) TO STA 11+80



EXISTING CONCRETE APPROACH DETAIL
SCALE: 1/2" = 1'-0"
TO APPLY: STA 13+83 (POE)

- NOTES:
- ANCHOR DOUBLE 2" X 12" BEAM TO CONCRETE USING 3/4" X 12" THREADED ANCHOR BOLTS 2" O.C. AVOIDING JOIST LOCATIONS. (INCLUDED IN Structure, Timber, Boardwalk PAY ITEM AND NOT PAID FOR SEPARATE.)
 - PLACE 1/4" X 10" X 8" DIAMOND TREADED PLATE STEEL BENT TO 10 DEGREE ANGLE AT CENTER. ATTACHED WITH 1/2" X 3" LAG BOLTS 12" O.C. ON BOARDWALK SIDE ONLY (INCLUDED IN Structure, Timber, Boardwalk PAY ITEM AND NOT PAID FOR SEPARATE.)
 - PAID FOR BY THE CYD OF CONCRETE AS Conc, Grade S2, Modified.



BOARDWALK RAILING ELEVATION
SCALE: 1/2" = 1'-0"

BOARDWALK NOTES:

THE DESIGN OF THIS STRUCTURE IS BASED ON CURRENT AASHTO LRFD BRIDGE DESIGN SPECIFICATIONS, PEDESTRIAN LOADING OF 90 PSF AND A MAINTENANCE VEHICLE H10 LOADING, NOT ACTING CONCURRENTLY.

ALL WORK AND MATERIALS REQUIRED TO INSTALL TIMBER BOARDWALK WILL BE PAID FOR AS Structure, Timber, Boardwalk.

ALL LUMBER MATERIALS SHALL BE PRESSURE TREATED WITH AN APPROVED PROCESS AND PRESERVATION IN ACCORDANCE WITH AMERICAN WOOD PROTECTION ASSOCIATION STANDARDS. SUITABLE FOR GROUND CONTACT.

ALL LUMBER SHALL BE IDENTIFIED BY THE GRADE MARK OF OR CERTIFICATE OF INSPECTING AGENCY.

ALL LUMBER SHALL BE SOUTHERN YELLOW PINE, GRADE OF LUMBER AS INDICATED IN THE SPECIAL PROVISIONS WITH PRESERVATION TREATMENT WITH RETENTION LEVEL OF 0.4 (LB/CU.FT.) OF ACQ-B.

ALL SCREWS, BOLTS, AND NAILS SHALL BE HOT-DIPPED GALVANIZED STEEL.

ALL METAL HARDWARE INCLUDING JOIST HANGERS SHALL BE HOT-DIPPED GALVANIZED STEEL.

ALL NAILS SHALL MEET THE REQUIREMENTS OF ASTM F-1667. WOOD SCREWS SHALL MEET THE REQUIREMENTS OF ANSI/ASME B18.2.1. THREADED NAILS SHALL INCLUDE HELICAL (SPIRAL) AND ANNULAR (RING-SHRANK) NAILS.

VERTICAL HELICAL PILES SHALL BE INSTALLED TO A MINIMUM ULTIMATE PILE CAPACITY OF 22 KIPS.

DESIGN HELICAL PILE SYSTEM FOR A DESIGN LIFE OF 50 YEARS.

PLAN SUBMITTALS AND CHANGES	
BIDDING DOCUMENTS	
DATE	DESCRIPTION
06/18/18	ISSUED FOR BIDS
10/02/18	ADDENDUM 1

DATE OF PLAN: JUNE 2018

ROWE PROFESSIONAL SERVICES COMPANY

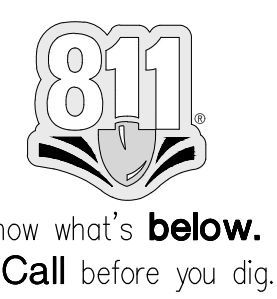
The Rowe Building
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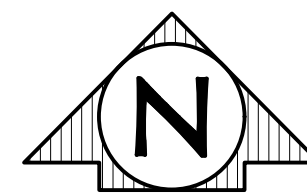
CITY OF ANN ARBOR
BOARDWALK DETAILS
RIVERSIDE PARK BOARDWALK
OVER THE HURON RIVER

MDOT UNIT	
CONSULT UNIT	
DRAWN BY: JDL	6/18
CHECKED BY: ANH	6/18
SHEET: 4	OF 7
STR. NO.	

APPROVED _____



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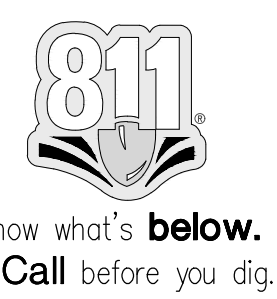


STAGING AREA

CONSTRUCTION AREA STAGING NOTES

CONTRACTOR SHALL STAGE CONSTRUCTION OPERATIONS IN RIVERSIDE PARK.
 ACCESS ROUTE TO BE THROUGH OUTFIELD AS SHOWN
 MATERIAL STORAGE SHALL BE NEAR SOCCER GOAL STORAGE AREA.
 CONTRACTOR SHALL RESTORE ALL DISTURBED AREAS RESULTING FROM CONSTRUCTION OPERATIONS, INCLUDING FILLING RUTS AND HOLES, IN RIVERSIDE PARK. NOT PAID FOR SEPARATELY, INCLUDED IN OTHER PAY ITEMS.

PROJECT QUANTITIES		
DESCRIPTION	UNITS	QUANTITY
Mobilization, Max (\$18,000)	LSUM	1
Structures, Rem	LSUM	1
Embankment, CIP	Cyd	2
Excavation, Earth	Cyd	6
Erosion Control, Silt Fence	Ft	250
Erosion Control, Turbidity Curtain, Deep	Ft	250
HMA Surface, Rem	Syd	11
Conc. Grade S2, Modified	Cyd	6
Structural Steel, Mixed, Erect	Lb	1017
Structural Steel, Mixed, Furn and Fab	Lb	1017
Structure, Timber, Boardwalk	Ft	203
Adhesive Anchoring of Horizontal Bar, 3/4 inch	Ea	5
Sign, Type B, Temp, Prismatic, Furn	Sft	74
Sign, Type B, Temp, Prismatic, Oper	Sft	74
Pedestrian Type II Barricade, Temp	Ea	7
Slope Restoration, Modified	LSUM	1
Helical Pile	Ea	21
Helical Pile, Load Test	Ea	1
Helical Pile Equipment, Furn	LSUM	1



DATE OF PLAN: JUNE 2018

ROWE PROFESSIONAL SERVICES COMPANY

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PLAN SUBMITTALS AND CHANGES	
BIDDING DOCUMENTS	
DATE	DESCRIPTION
06/18/18	ISSUED FOR BIDS
10/2/18	ADDENDUM 1

CITY OF ANN ARBOR

MISCELLANEOUS NOTE SHEET

RIVERSIDE PARK BOARDWALK OVER THE HURON RIVER

APPROVED _____

STR. NO. _____

MDOT UNIT	
CONSULT UNIT	
DRAWN BY	JDL 06/18
CHECKED BY	ANH 06/18
SHEET	7 OF 7

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PRE-BID MEETING SIGN-IN SHEET

PROJECT: RIVERSIDE PARK BOARDWALK REPLACEMENT, ITB NO. 4544
 Tuesday, September 18, 2018

PLEASE PRINT

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		Address: _____ City, State: _____ Zip: _____	Office: () Mobile: () Fax No. ()	
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