

**SECTION 905 -- PROPOSAL (CONTINUED)**

I (We) hereby certify by digital signature and electronic submission via Bid Express of the Section 905 proposal below, that all certifications, disclosures and affidavits incorporated herein are deemed to be duly executed in the aggregate, fully enforceable and binding upon delivery of the bid proposal. I (We) further acknowledge that this certification shall not extend to the bid bond or alternate security which must be separately executed for the benefit of the Commission. This signature does not cure deficiencies in any required certifications, disclosures and/or affidavits. I (We) also acknowledge the right of the Commission to require full and final execution on any certification, disclosure or affidavit contained in the proposal at the Commission's election upon award. Failure to so execute at the Commission's request within the time allowed in the Standard Specifications for execution of all contract documents will result in forfeiture of the bid bond or alternate security.

Bidder acknowledges receipt of and has added to and made a part of the proposal and contract documents the following addendum (addenda):

ADDENDUM NO. <u>1</u>	DATED <u>3/24/2025</u>	ADDENDUM NO. _____	DATED _____
ADDENDUM NO. <u>2</u>	DATED <u>3/25/2025</u>	ADDENDUM NO. _____	DATED _____
ADDENDUM NO. _____	DATED _____	ADDENDUM NO. _____	DATED _____

Number	Description
1	Postponed til April 01, 2025 Letting; Amendment EBSx Download Required.
2	Revised Advertisement; Revised or Added Plan Sheet Nos. 8002, 8005-8006 & 8017-8018; Amendment EBSx Download Required.

TOTAL ADDENDA: 2  
(Must agree with total addenda issued prior to opening of bids)

Respectfully Submitted,

DATE \_\_\_\_\_

\_\_\_\_\_  
Contractor

BY \_\_\_\_\_  
Signature

TITLE \_\_\_\_\_

ADDRESS \_\_\_\_\_

CITY, STATE, ZIP \_\_\_\_\_

PHONE \_\_\_\_\_

FAX \_\_\_\_\_

E-MAIL \_\_\_\_\_

(To be filled in if a corporation)

Our corporation is chartered under the Laws of the State of \_\_\_\_\_ and the names, titles and business addresses of the executives are as follows:

\_\_\_\_\_  
President Address

\_\_\_\_\_  
Secretary Address

\_\_\_\_\_  
Treasurer Address

The following is my (our) itemized proposal.

CRP-0024-04(031) / 1038963030, CRP-0024-04(032) / 1038963031 & CRP-0024-04(033) / 1038963032

Neshoba County(ies)

Revised 01/26/2016

# MISSISSIPPI DEPARTMENT OF TRANSPORTATION

## SECTION 901 - ADVERTISEMENT

Electronic bids will be received by the Mississippi Transportation Commission at 10:00 o'clock A.M., Tuesday, April 01, 2025, from the Bid Express Service and shortly thereafter publicly read in the Construction Division for:

Roundabout Construction on SR 15 at SR 16 & Bridge Replacements on Weyerhaeuser Street over Branch & on Lakeside Drive over Kentawka Creek Relief, known as Federal Aid Project Nos. CRP-0024-04(031) / 1038963030, CRP-0024-04(032) / 1038963031 & CRP-0024-04(033) / 1038963032 in Neshoba County.

The attention of bidders is directed to the Contract Provisions governing selection and employment of labor. Minimum wage rates have been predetermined by the Secretary of Labor and are subject to Public Law 87-581, Work Hours Act of 1962, as set forth in the Contract Provisions.

The Mississippi Department of Transportation hereby notifies all bidders that it will affirmatively insure that in any contract entered into pursuant to this advertisement, disadvantaged business enterprises will be afforded full opportunity to submit bids in response to this invitation and will not be discriminated against on the grounds of race, color, sex, age, disability, religion or national origin in consideration for an award.

**The award of this contract will be contingent upon the Contractor satisfying the DBE requirements.**

Contractors may request permission to bid online at <http://shop.mdot.ms.gov> at no cost. Upon approval, Contractors shall be eligible to submit a bid using Bid Express at <http://bidx.com>. Specimen proposals may be viewed and downloaded online at no cost at <http://mdot.ms.gov> or purchased online at <http://shop.mdot.ms.gov> at a cost of Ten Dollars (\$10.00) per proposal plus a small convenience fee. Cash or checks will not be accepted as payment.

Plans must be purchased online at <https://shop.mdot.ms.gov>. Costs of plans will be on a per sheet basis plus a small convenience fee. If you have any questions, you can contact the MDOT Plans Print Shop at (601) 359-7460, or e-mail at [plans@mdot.state.ms.us](mailto:plans@mdot.state.ms.us). Plans will be shipped upon receipt of payment. Cash or checks will not be accepted as payment.

Bid bond, signed or countersigned by a Mississippi Agent or Qualified Nonresident Agent, with Power of Attorney attached, a Cashier's check or Certified Check for five (5%) percent of bid, payable to STATE OF MISSISSIPPI, must accompany each proposal.

The attention of bidders is directed to the provisions of Subsection 102.07 pertaining to irregular proposals and rejection of bids.

BRAD WHITE  
EXECUTIVE DIRECTOR





DESIGNED BY: BARRETT GERMOND  
 DETAILED BY: BARRETT GERMOND  
 CHECKED BY: WESTON HATHORN  
 DATE: 2024-10-22

FMS CON: 103896/303100  
 PROJECT NO.: CRP-0024-04(032)  
 COUNTY: NESHoba

**GENERAL NOTES & ESTIMATED QUANTITIES**  
 DIR OF STRUCTURES, STATE BRIDGE ENGINEER - SCOTT WESTERFIELD, P.E.  
 DEP. DIR OF STRUCTURES, ASST. STATE BRIDGE ENGINEER - MICAH DEMW, P.E.

WK. NO.  
**A1 OF A12**  
 SHEET NO.  
**8005**

ESTIMATED BRIDGE QUANTITIES			
PAY ITEM CODE	DESCRIPTION	UNIT	QUANTITY
803-D002	HP 12 x 53 Steel Piling	LF	1,060
907-803-I003	PDA Test Pile, HP Steel Pile	EA	2
907-803-J001	Pile Restrike	EA	2
907-804-A002	Bridge Concrete, Class AA	CY	30
805-A001	Reinforcement	LBS	2,900
806-A001	19' Precast Concrete Slab Units, 3'-6" Interior	EA	4
806-A002	31' Precast Concrete Slab Units, 3'-6" Interior	EA	2
806-A003	31' Precast Concrete Slab Units, 4'-6" Interior	EA	2
806-A007	31' Precast Concrete Slab Units, 3'-6" Exterior	EA	2
806-A009	19' Precast Concrete Slab Units, 3'-6" Exterior	EA	4
806-A010	19' Precast Concrete Slab Units, 4'-6" Interior	EA	4
806-C001	19' Precast Barrier Rail Units	EA	4
806-C002	31' Precast Barrier Rail Units	EA	2
806-D004	26' Precast Concrete Caps, Intermediate Unit	EA	2
815-A007	Loose Riprap, Size 300	TON	478
815-E001	Geotextile under Riprap	SY	439

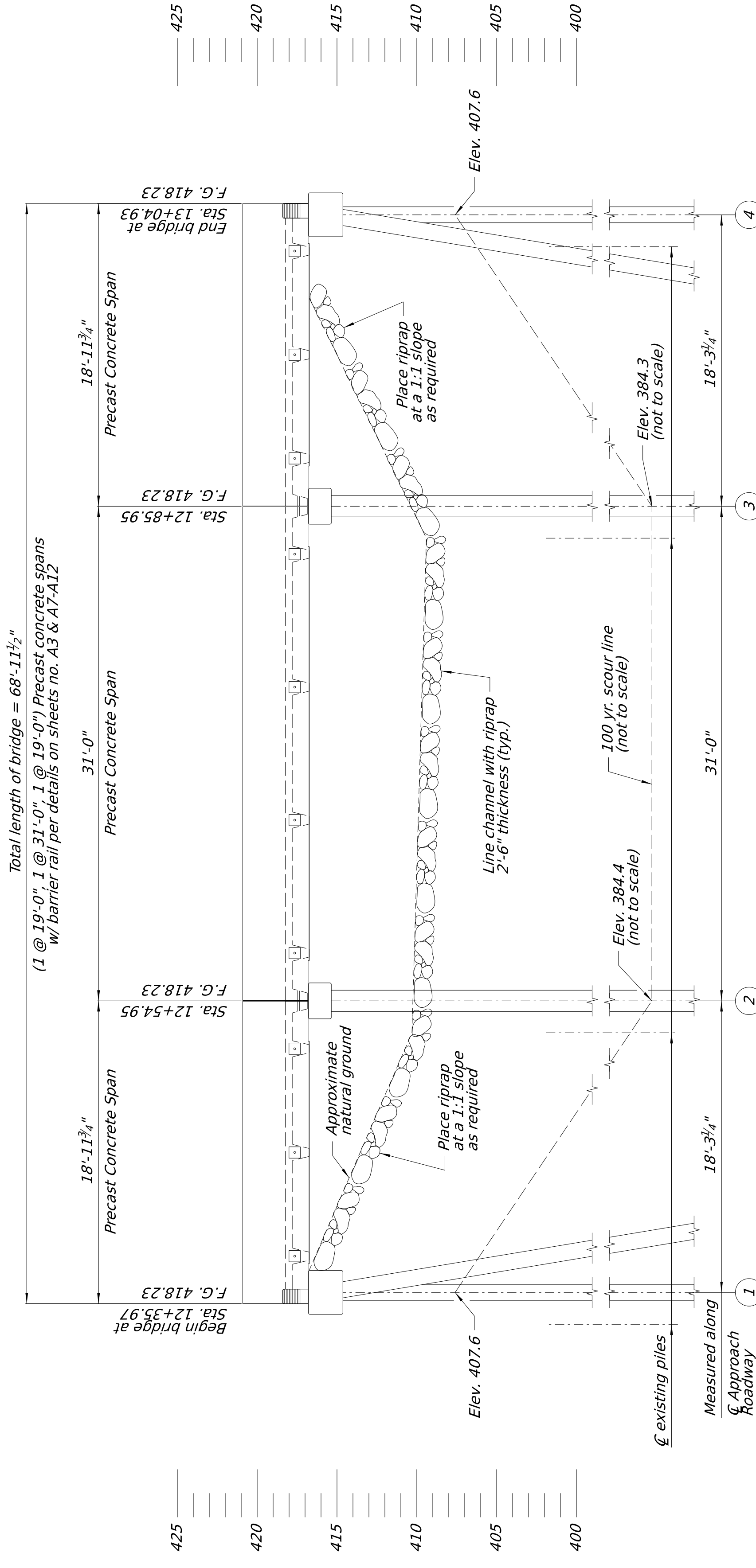
REQUIRED ULTIMATE PILE BEARING CAPACITY AND TIP ELEVATION SCHEDULE					
BENT NO.	PILE TYPE	REQUIRED ULT. BEARING (TONS)	PILE SIZE	ESTIMATED LENGTH (FT.)	MIN. TIP ELEVATION
1	Steel H-Pile	33	HP12x53	55	383.9
2	Steel H-Pile	62	HP12x53	65	360.9
3	Steel H-Pile	62	HP12x53	65	360.9
4	Steel H-Pile	33	HP12x53	55	384.0

PDA TEST PILE SCHEDULE		
BENT NO.	MIN. LENGTH (FT.)	TIP ELEVATION
1	65	350.3
2	75	340.3

**NOTE:**  
 Indicator test piles shall be 5'-0" from an exterior production pile at Bent No. 1 and 10'-0" from an exterior production pile at Bent No. 2. See sheet no. A2 for location of test piles.

**GENERAL NOTES:**  
 Specifications: Current, Mississippi Standard Specifications for State Bridge Construction.  
 No change of plans will be permitted except by written approval of the Director of Structures, State Bridge Engineer.  
 Minor changes in detail of design or construction procedure may be authorized by the Director of Structures, State Bridge Engineer, provided such changes will not be cause for contract price adjustment.  
 Bridge concrete shall be Class "AA" for all bridge elements, except for slab units. Slab units shall be Class "FX".  
 No payment will be allowed for excavation incidental to the construction of end bents.  
 Bar bending details shall be in accordance with "Manual of Standard Practice of Detailing Reinforced Concrete Structures" (ACI 315R-04).  
 Reinforcement order lists and required placing plans shall be furnished in accordance with Section 805 of the Mississippi Standard Specifications. Partial submittals are not acceptable.  
 Reinforcing steel shall be ASTM A615, Grade 60, unless otherwise noted.  
 Work for which no pay item is provided in the proposal will not be paid directly, and compensation therefore will be included in the prices and payments for bid items.  
 The bridge deck shall be of concrete.  
 Piling shall be driven to bearing sufficient to ensure stability of the substructure.  
 All units shall be accurately placed on preset caps with all slab to cap dowels installed and all bolts, transverse and longitudinal, installed.  
 Prior to traffic use, all longitudinal grout keyways shall be filled and finished to slab surface with a 1:2:3 mix. Maximum size aggregate shall be 3/8".  
 Hardware shall be galvanized or cadmium plated.

**STEEL PILE NOTES:**  
 Test piles shall be driven as permanent piles at the location shown in the PDA TEST PILE SCHEDULE and will be paid for as test piles only.  
 The Director of Structures, State Bridge Engineer may authorize test piles driven outside the structural limits.  
 Test piles shall be driven as a continuous operation, to the bearing capacity and the tip elevations shown in the PDA TEST PILE SCHEDULE, unless otherwise directed by the Director of Structures, State Bridge Engineer.  
 Permanent piles shall be driven to an elevation no higher than the elevation shown in the REQUIRED ULTIMATE PILE BEARING CAPACITY AND TIP ELEVATION SCHEDULE.  
 The tip elevation of piling, for hydraulic structures, may be determined by the scour line.  
 When feasible, bearing piles shall be driven full length and be spliced, only, as approved by the Director of Structures, State Bridge Engineer.  
 Prefabricated splices for H piles are not acceptable for test piles.  
 Welding shall be done by the ELECTRIC ARC process and shall comply with the AWS D1.1 shall be in accordance with the AWS D1.1.  
 When loading tests are required, the maximum test load shall be one and one half (1 1/2) times the minimum pile bearing capacity.  
 PDA test piles shall require a 1 day restrike unless otherwise directed by the Engineer.  
 Pile lengths and driving criteria shall be provided based on the results of the PDA test piles.  
 Pile hammer leads used for all PDA test piles and PDA restrikes shall be large enough to provide a minimum of 3" of clearance on each side of the pile in order to properly place and protect PDA gauges and cables.  
 Steel HP piles shall be driven with a maximum rated energy no less than 42,000 ft-lbs, but no greater than 76,000 ft-lbs to the tip elevations specified unless the Contractor's Drivability Analysis utilizing the Contractor's selected alternative hammer is approved by the Director of Structures, State Bridge Engineer.  
 Steel for HP steel piling shall be A-572M, A572, Grade 50.



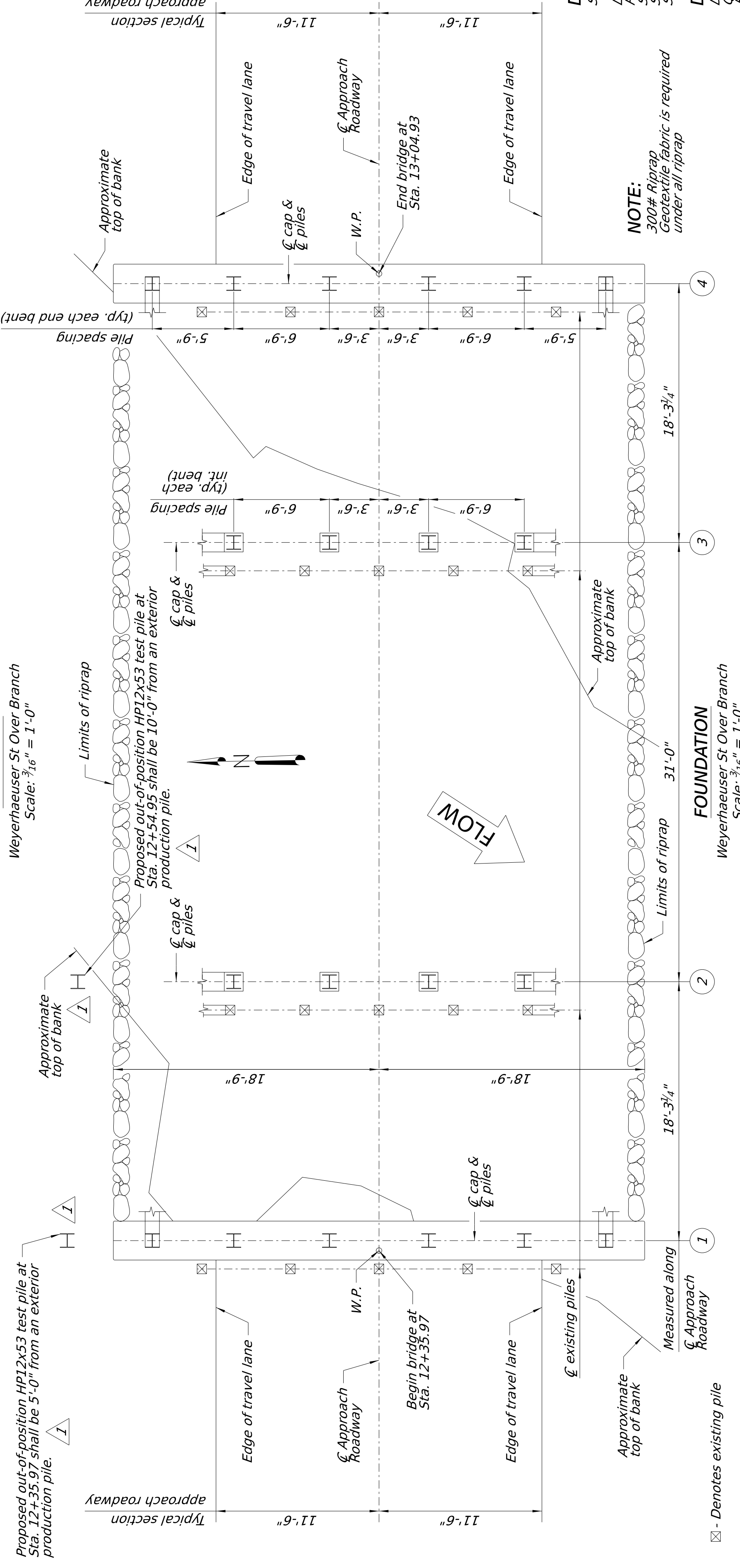
Steel H-pile Int. Bent No. 1 per details on sheets no. A4 & A5. 6 ~ HP 12x53 steel H-piles.

Steel H-pile Int. Bent No. 2 per details on sheet no. A6. 4 ~ HP 12x53 steel H-piles.

Steel H-pile Int. Bent No. 3 per details on sheet no. A6. 4 ~ HP 12x53 steel H-piles.

Steel H-pile End Bent No. 4 per details on sheets no. A4 & A5. 6 ~ HP 12x53 steel H-piles.

**ELEVATION**



Proposed out-of-position HP12x53 test pile at Sta. 12+35.97 shall be 5'-0" from an exterior production pile.

Weyerhaeuser St. Over Branch Scale: 3/16" = 1'-0"

Weyerhaeuser St. Over Branch Scale: 3/16" = 1'-0"

Weyerhaeuser St. Over Branch Scale: 3/16" = 1'-0"

Weyerhaeuser St. Over Branch Scale: 3/16" = 1'-0"

☒ - Denotes existing pile

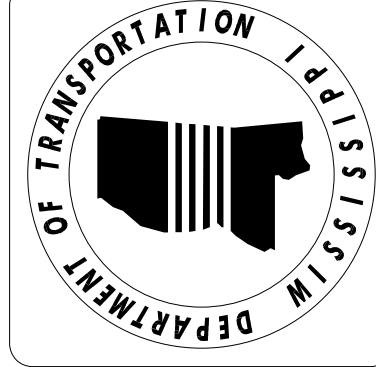
**NOTE:**  
300# Riprap  
Geotextile fabric is required under all riprap

**DESIGN DATA:**

Specifications: 2007 A.A.S.H.T.O., L.R.F.D. Bridge Design Specifications, 4th Edition, 2007, Through 2009 Interims

Loading: ...  
Roadway Width: ...  
Seismic Performance Zone: ...  
Seismic Soil Site Class: ...  
Seismic Operational Class: ...

**DRAINAGE DATA:**  
Drainage Area: ...  
Q100 (U.S.G.S.): ...  
Effective Area Provided: ...



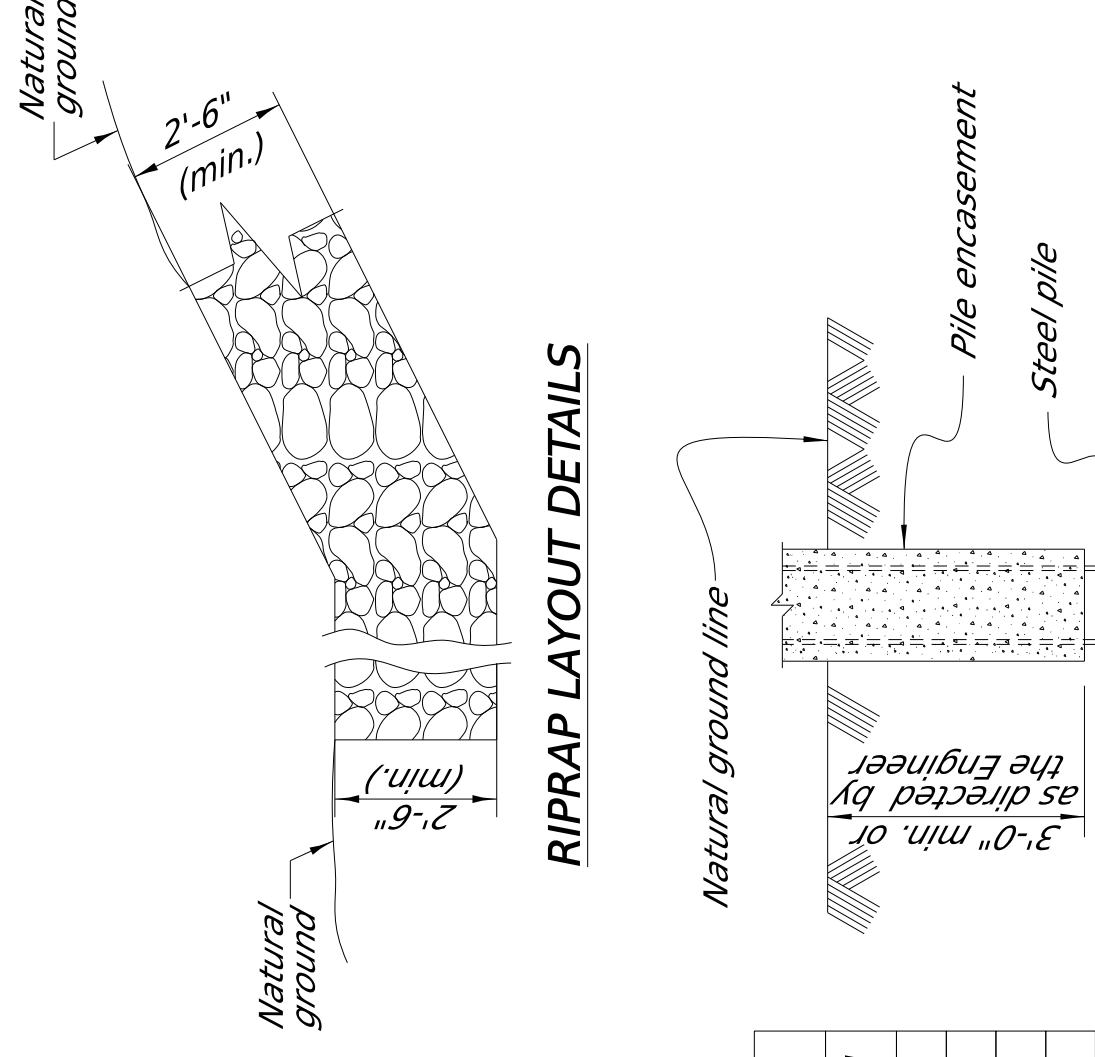
DESIGNED BY: BARRETT GERMOND  
 CHECKED BY: WESTON HATHORN  
 DATE: 2024-10-22

FMS CON: 103896/303100  
 PROJECT NO.: CRP-0024-04(032)  
 COUNTY: NESHoba

BRIDGE AT STA. 12+35.97  
 LAYOUT & FOUNDATION  
 DIR OF STRUCTURES, STATE BRIDGE ENGINEER - SCOTT WESTERFIELD, P.E.  
 DEP. DIR OF STRUCTURES, ASST. STATE BRIDGE ENGINEER - MICHAEL DEM, P.E.

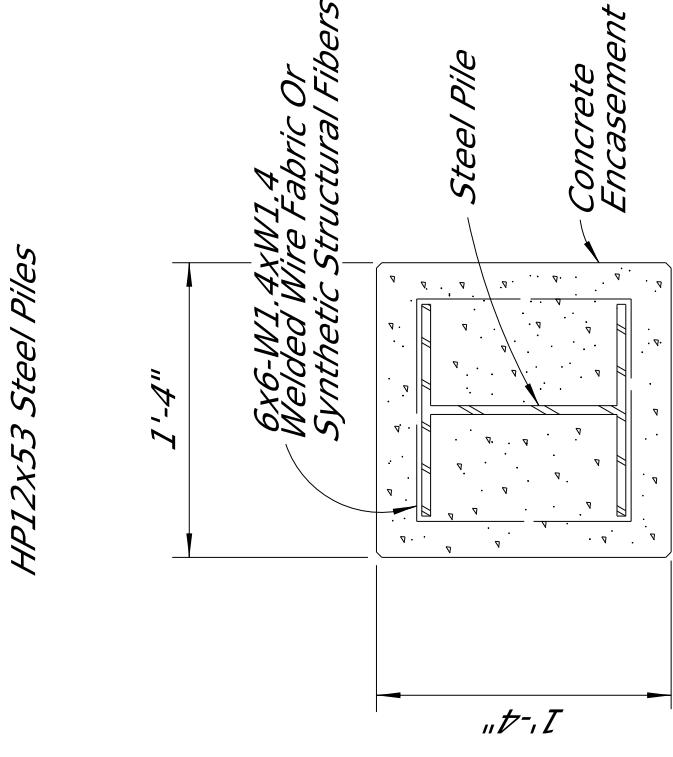
WK. NO. A2 OF A12  
 SHEET NO. 8006

**RIPRAP LAYOUT DETAILS**



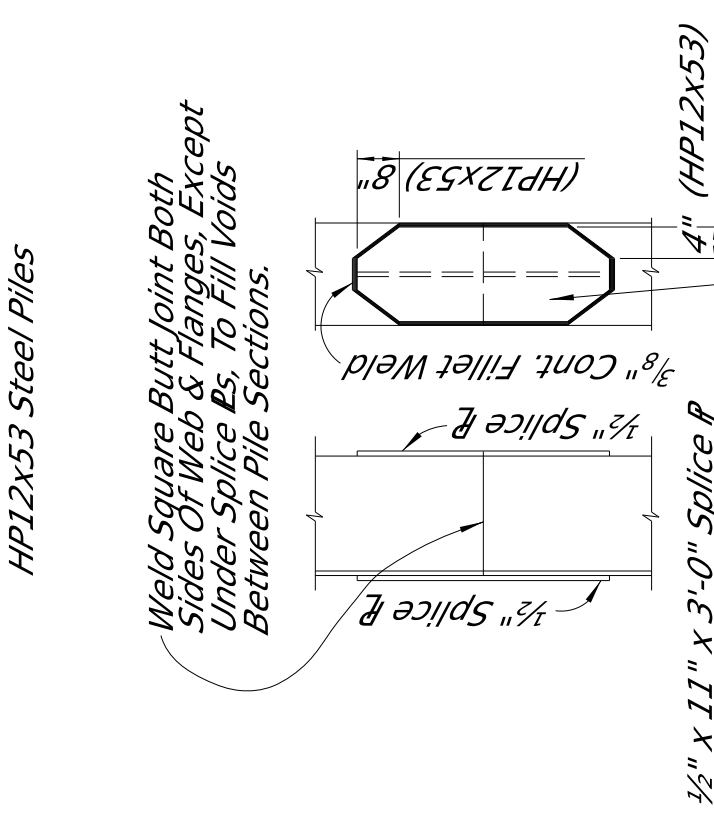
BENT	ELEVATION
1	403.9
2	380.9
3	380.9
4	404.0

**PILE ENCASUREMENT DETAIL**



**NOTE:** Concrete For Pile Encasement Shall Be Class "AA" and Will Be Paid For As Bridge Concrete. Class "M" Concrete With #87 Aggregate May Be Used For Pile Encasement. Pile Encasement Shall Be Reinforced With 6x6-W1.4xW1.4 Welded Wire Fabric Weighing 0.21 Lbs. Per Sq. Ft. (Not A Separate Pay Item) Or Synthetic Structural Fiber Applied At A Dosage Rate Of 4 Lbs. Per Cubic Yd. Synthetic Structural Fiber Shall Meet Requirements Of Section 711. Of The Standard Specifications (Not A Separate Pay Item). Chamfer Corners Of Encasement 1/4".

**PILE ENCASUREMENT DETAIL**



**PILE SPlice DETAIL**

HP12x53 Steel Piles

**DESIGN DATA:**  
 Specifications: 2007 A.A.S.H.T.O., L.R.F.D. Bridge Design Specifications, 4th Edition, 2007, Through 2009 Interims

**DRAINAGE DATA:**  
 Drainage Area: ...  
 Q100 (U.S.G.S.): ...  
 Effective Area Provided: ...



DESIGNED BY: BARRETT GERMOND  
 DETAILED BY: BARRETT GERMOND  
 CHECKED BY: WESTON HATHORN  
 DATE: 2024-10-22

FMS CON: 103896/303200  
 PROJECT NO.: CRP-0024-04(033)  
 COUNTY: NESHoba

**GENERAL NOTES & ESTIMATED QUANTITIES**  
 DIR OF STRUCTURES, STATE BRIDGE ENGINEER - SCOTT WESTERFIELD, P.E.  
 DEP. DIR OF STRUCTURES, ASST. STATE BRIDGE ENGINEER - MICAH DEMW, P.E.

WK. NO.  
**B1 OF B9**  
 SHEET NO.  
**8017**

ESTIMATED BRIDGE QUANTITIES			
PAY ITEM CODE	DESCRIPTION	UNIT	QUANTITY
803-D002	HP 12 x 53 Steel Piling	LF	1,155
907-803-I003	PDA Test Pile, HP Steel Pile	EA	2
907-803-J001	Pile Restrike	EA	2
907-804-A002	Bridge Concrete, Class AA	CY	33
805-A001	Reinforcement	LBS	2,900
806-A001	19' Precast Concrete Slab Units, 3'-6" Interior	EA	8
806-A009	19' Precast Concrete Slab Units, 3'-6" Exterior	EA	8
806-A010	19' Precast Concrete Slab Units, 4'-6" Interior	EA	8
806-C001	19' Precast Barrier Rail Units	EA	8
806-D004	26' Precast Concrete Caps, Intermediate Unit	EA	3
815-A007	Loose Riprap, Size 300	TON	418
815-E001	Geotextile under Riprap	SY	385

REQUIRED ULTIMATE PILE BEARING CAPACITY AND TIP ELEVATION SCHEDULE					
BENT NO.	PILE TYPE	REQUIRED ULT. BEARING (TONS)	PILE SIZE	ESTIMATED LENGTH (FT.)	MIN. TIP ELEVATION
1	Steel H-Pile	33	HP12x53	40	373.7
2	Steel H-Pile	52	HP12x53	65	355.6
3	Steel H-Pile	52	HP12x53	65	355.0
4	Steel H-Pile	52	HP12x53	65	355.2
5	Steel H-Pile	33	HP12x53	40	377.2

PDA TEST PILE SCHEDULE		
BENT NO.	MIN. LENGTH (FT.)	TIP ELEVATION
1	50	352.0
1	75	327.0

**NOTE:**  
 Indicator test piles shall be 5'-0" from an exterior production pile at Bent No. 1 and 10'-0" from an exterior production pile at Bent No. 3. See sheet no. B2 for location of test piles.

**GENERAL NOTES:**  
 Specifications: Current Mississippi Standard Specifications for State Bridge Construction.  
 No change of plans will be permitted except by written approval of the Director of Structures, State Bridge Engineer.  
 Minor changes in detail of design or construction procedure may be authorized by the Director of Structures, State Bridge Engineer, provided such changes will not be cause for contract price adjustment.  
 Bridge concrete shall be Class "AA" for all bridge elements, except for slab units. Slab units shall be Class "FX".  
 No payment will be allowed for excavation incidental to the construction of end bents.  
 Bar bending details shall be in accordance with "Manual of Standard Practice of Detailing Reinforced Concrete Structures" (ACI 315R-04).  
 Reinforcement order lists and required placing plans shall be furnished in accordance with Section 805 of the Mississippi Standard Specifications. Partial submittals are not acceptable.  
 Reinforcing steel shall be ASTM A615, Grade 60, unless otherwise noted.  
 Work for which no pay item is provided in the proposal will not be paid directly, and compensation therefore will be included in the prices and payments for bid items.  
 The bridge deck shall be of concrete.  
 Piling shall be driven to bearing sufficient to ensure stability of the substructure.  
 All units shall be accurately placed on preset caps with all slab to cap dowels installed and all bolts, transverse and longitudinal, installed.  
 Prior to traffic use, all longitudinal grout keyways shall be filled and finished to slab surface with a 1:2:3 mix. Maximum size aggregate shall be 3/8".  
 Hardware shall be galvanized or cadmium plated.

**STEEL PILE NOTES:**  
 Test piles shall be driven as permanent piles at the location shown in the PDA TEST PILE SCHEDULE and will be paid for as test piles only.  
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 The tip elevation of piling, for hydraulic structures, may be determined by the scour line.  
 When feasible, bearing piles shall be driven full length and be spliced, only, as approved by the Director of Structures, State Bridge Engineer.  
 Prefabricated splices for H piles are not acceptable for test piles.  
 Welding shall be done by the ELECTRIC ARC process and shall comply with the AWS D1.1 shall be in accordance with the AWS D1.1.  
 When loading tests are required, the maximum test load shall be one and one half (1 1/2) times the minimum pile bearing capacity.  
 PDA test piles shall require a 1 day restrike unless otherwise directed by the Engineer.  
 Pile lengths and driving criteria shall be provided based on the results of the PDA test piles.  
 Pile hammer leads used for all PDA test piles and PDA restrikes shall be large enough to provide a minimum of 3" of clearance on each side of the pile in order to properly place and protect PDA gauges and cables.  
 Steel HP piles shall be driven with a maximum rated energy no less than 42,000 ft-lbs, but no greater than 76,000 ft-lbs to the tip elevations specified unless the Contractor's Drivability Analysis utilizing the Contractor's selected alternative hammer is approved by the Director of Structures, State Bridge Engineer.  
 Steel for HP steel piling shall be A.S.T.M. A572, Grade 50.



DESIGNED BY: BARRETT GERMOND  
 DETAILED BY: BARRETT GERMOND  
 CHECKED BY: WESTON HATHORN  
 DATE: 2024-10-22

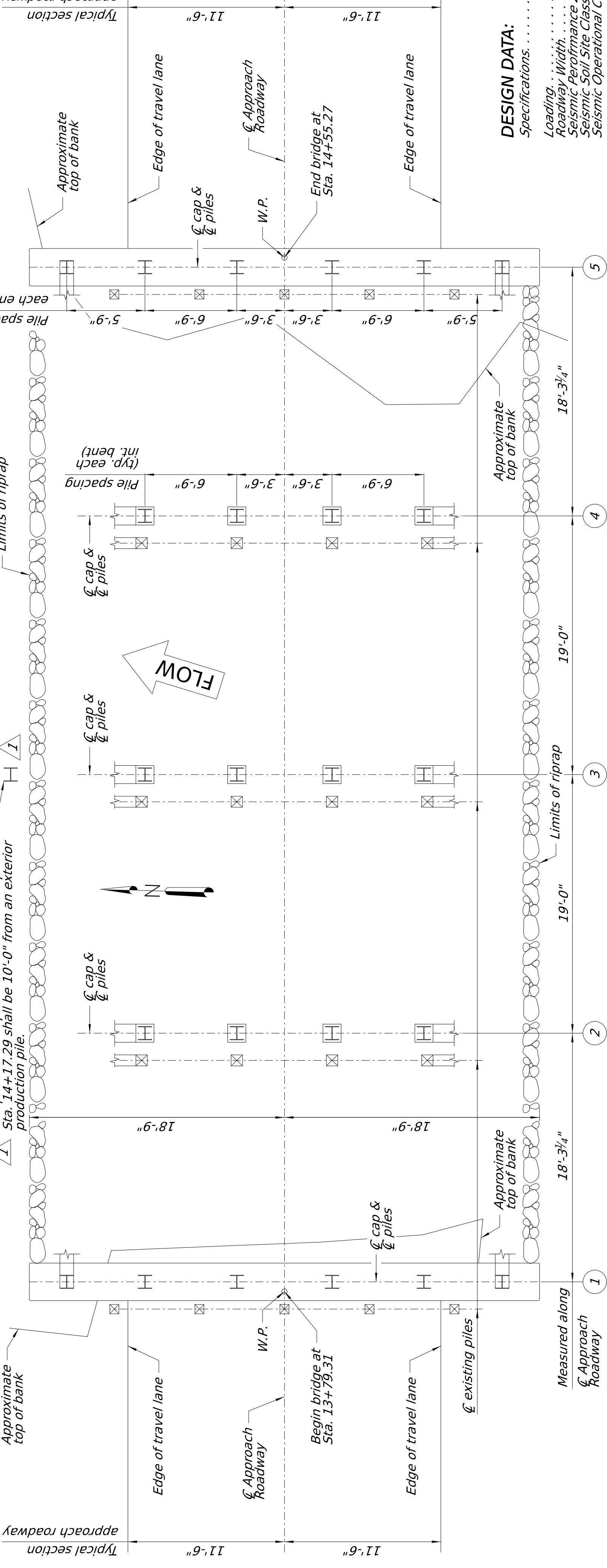
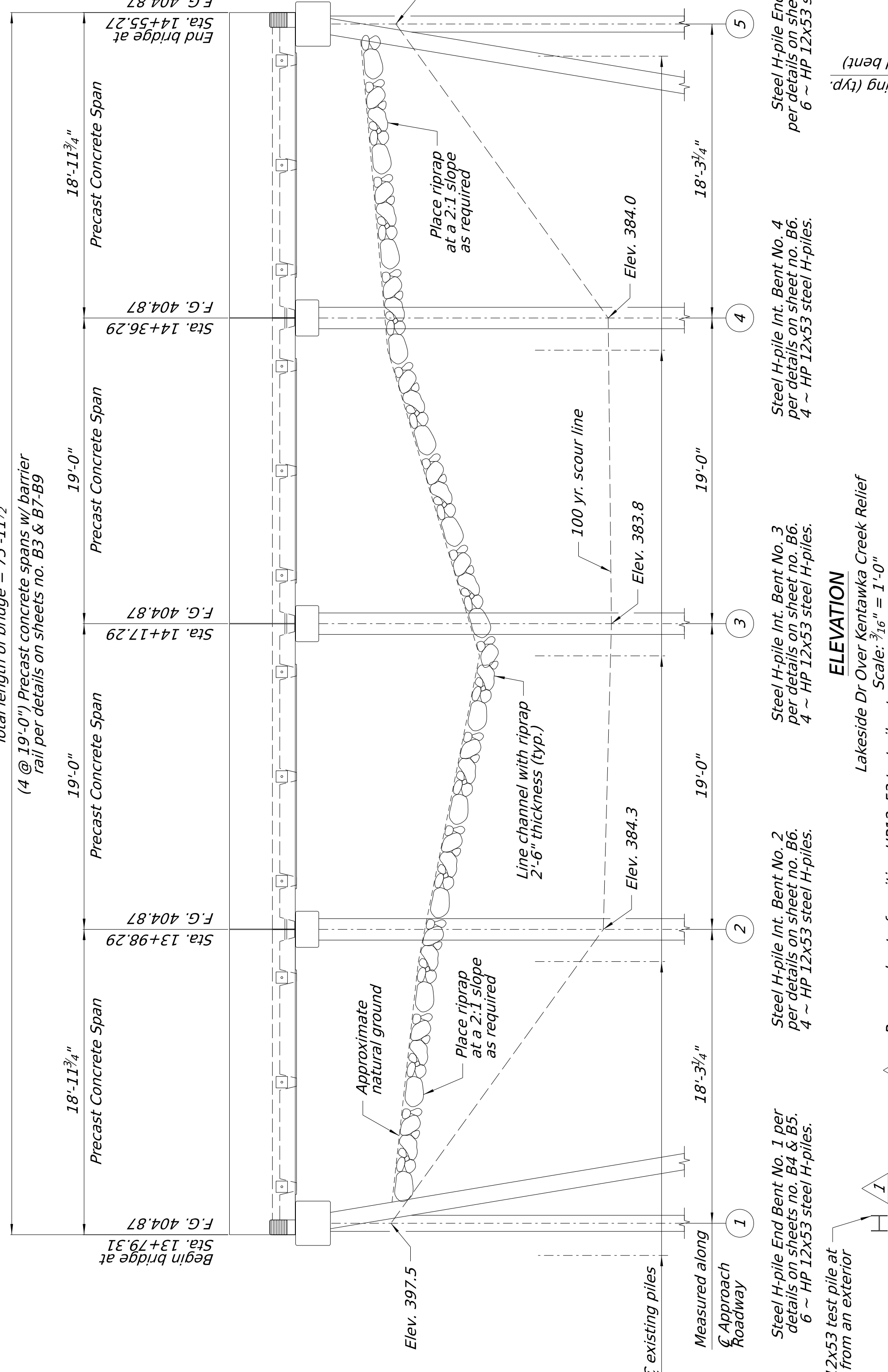
FMS CON: 103896/303200  
 PROJECT NO.: CRP-0024-04(033)  
 COUNTY: NESHoba

BRIDGE AT STA. 13+79.31  
 LAYOUT & FOUNDATION  
 DIR OF STRUCTURES, STATE BRIDGE ENGINEER - SCOTT WESTERFIELD, P.E.  
 DEP. DIR OF STRUCTURES, ASST. STATE BRIDGE ENGINEER - MICHAEL DEM, P.E.

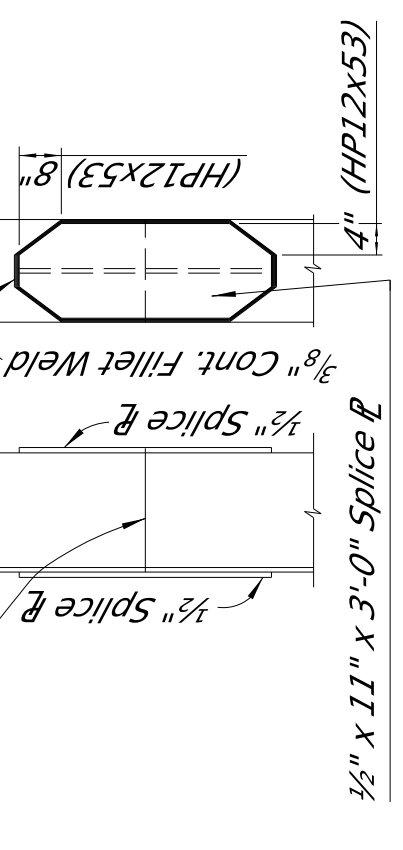
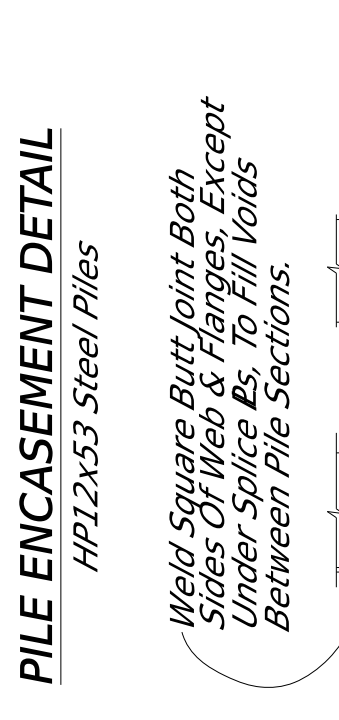
WK. NO. B2 OF B9  
 SHEET NO. 8018

BENT	ELEVATION
1	393.7
2	375.6
3	375.0
4	375.2
5	399.0

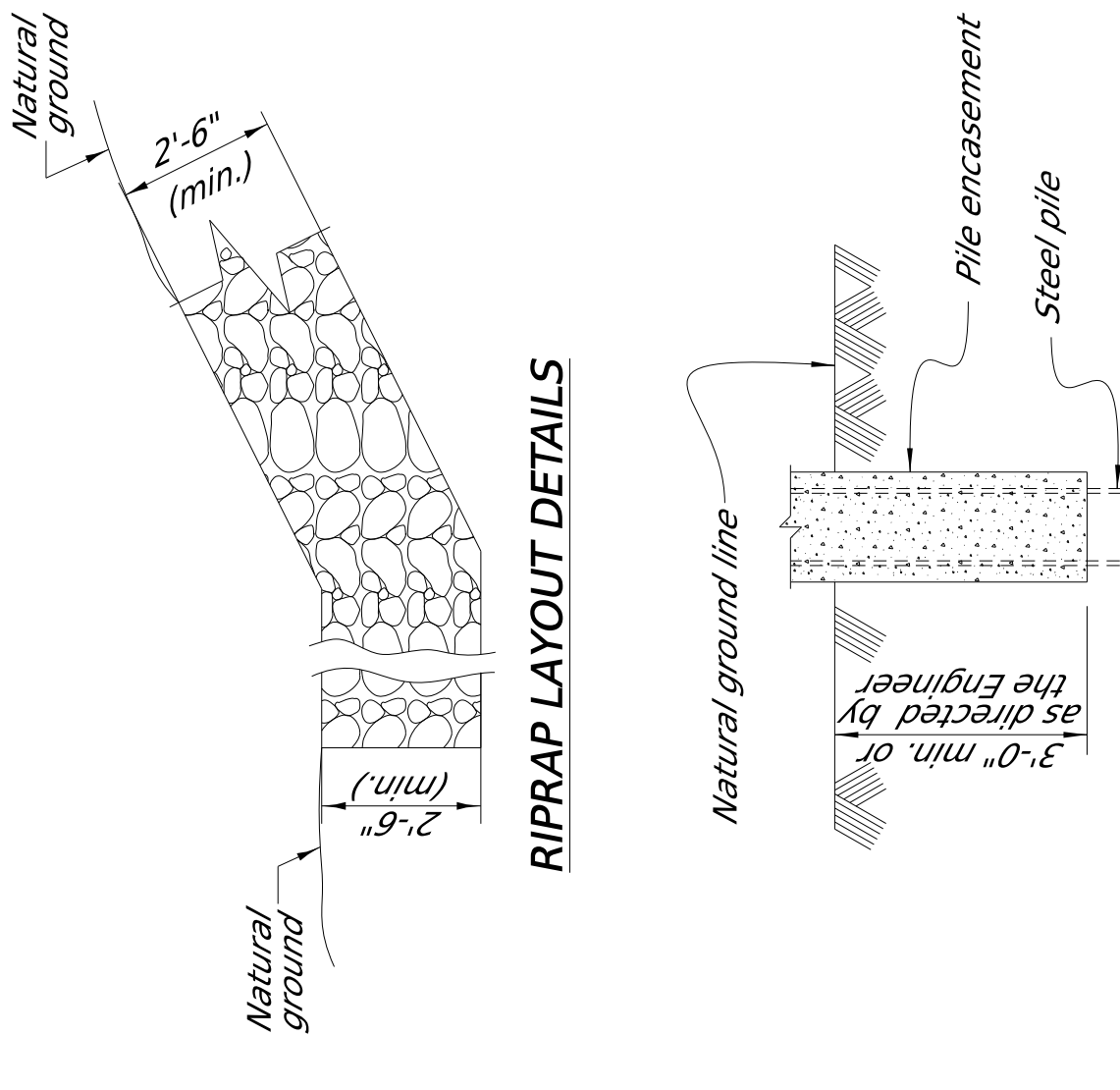
BENT	ELEVATION
1	397.8
2	390.3
3	390.0
4	390.1
5	399.0



**NOTE:** Concrete For Pile Encasement Shall Be Class "AA" And Will Be Paid For As Bridge Concrete Class "AA" Concrete With #67 Aggregate May Be Used For Pile Encasement.  
 Pile Encasement Shall Be Reinforced With #6-W1.4xW1.4 Welded Wire Fabric Or Synthetic Structural Fibers At A Dosage Rate Of 4 Lbs. Per Cubic Yd. Synthetic Structural Fiber Shall Meet Requirements Of Section 711. Of The Standard Specifications (Not A Separate Pay Item). Chamfer Corners Of Encasement 94".



**RIPRAP LAYOUT DETAILS**



**PILE ENCASEMENT DETAIL**

HP12x53 Steel Piles

**PILE SPICE DETAIL**

HP12x53 Steel Piles

**DESIGN DATA:**

Specifications: 2007 A.A.S.H.T.O., L.R.F.D. Bridge Design Specifications, 4th Edition, 2007, Through 2009 Interims  
 Loading: ...  
 Roadway Width: ...  
 Seismicity: ...  
 Seismic Soil Site Class: ...  
 Seismic Operational Class: ...

**DRAINAGE DATA:**

Drainage Area: ...  
 Effective Area Provided: ...

**NOTE:**

300# Riprap  
 Geotextile fabric is required under all riprap

**FOUNDATION**

Lakeside Dr Over Kentawka Creek Relief  
 Scale: 3/8" = 1'-0"

☒ - Denotes existing pile