



Fairfield County Engineer

3026 W. Fair Ave.
Lancaster, OH 43130
Main: (740) 652-2300
Fax: (740) 687-7055

FAI-CR55-3.319 HOC-21 HAMBURG ROAD BRIDGE REPLACEMENT PROJECT ADDENDUM #2

February 26, 2026

The following information supplements and amends the original Bid Documents and Specifications and shall become part of the Contract Documents.

1. Replace sheets 1, and 36, of the plans with the attached. The pile driving constraint notes have been revised.
2. Construction dates have been revised to "may not commence prior to May 3, 2027, and must be completed no later than October 1, 2027, with work to be completed within a sixteen (16) consecutive week period." Please replace the following pages of the bid packet: Page 3, 6.1, 7.1, and 8.1.
3. The bid opening date has now been postponed until March 16, 2026. Please replace the following pages of the bid packet. Cover page, page, 3, page 4.1.


Bill Maravy, P.E.
Deputy Engineer

Jeremiah D. Upp, P.E., P.S., County Engineer

**FAI-CR55-3.319 HOC-21 HAMBURG ROAD
BRIDGE REPLACEMENT PROJECT**

EDGE GOAL: 5%

by

FAIRFIELD COUNTY COMMISSIONERS

BID OPENING: MARCH 16, 2026 at 11:45 A.M.

(At the Fairfield County Engineer's Office; 3026 West Fair Avenue; Lancaster, Ohio 43130)

ADDENDUM #2

PUBLIC NOTICE

FAIRFIELD COUNTY ENGINEER'S OFFICE
3026 West Fair Avenue
Lancaster, OH 43130

INVITATION TO BID

Sealed proposals will be received at the Office of the Fairfield County Engineer; 3026 West Fair Avenue; Lancaster, Ohio 43130, until 11:45 a.m. local time on March 16, 2026, for furnishing all labor, materials, and equipment necessary to complete the project known as FAI-CR55-3.319 HOC-21 Hamburg Road Bridge Replacement Project, and at said time and place, publicly opened and read aloud.

Contract documents, bid sheets, plans, and specifications must be obtained via the web at www.co.fairfield.oh.us/Engineer or at said office for a non-refundable fee of \$20.00. To be considered a responsive and responsible bidder, bidder must be recorded on plan holders list at said office.

Each bidder is required to furnish with its proposal a Bid Guaranty and Contract Bond in accordance with Section 153.54 of the Ohio Revised Code. Bid security furnished in Bond form shall be issued by a Surety Company or Corporation licensed in the State of Ohio to provide said surety.

Each Proposal must contain the full name of the party or parties submitting the proposal and all persons interested therein. Each bidder must submit evidence of its experiences on projects of similar size and complexity. The Owner intends and requires that this project may not commence prior to May 3, 2027, and must be completed no later than October 1, 2027, with work to be completed within a sixteen (16) consecutive week period.

All Contractors and Subcontractors involved with the project will, to the extent practicable, use Ohio products, materials, services, and labor in the implementation of their project. Additionally, Contractor compliance with the Equal Employment Opportunity requirements of Ohio Administrative Code Chapter 123, Governor's Executive Order of 1972, and Governor's Executive Order 84-9 shall be required.

Bidders must comply with the Ohio Prevailing Wage Rates on this Public Improvement in Fairfield County, Ohio as determined by the Ohio Bureau of Employment Services, Wage and Hour Division, 614-644-2239.

The Commissioners reserve the right to waive irregularities and to reject any or all bids.

The Fairfield County Board of Commissioners

Posted: 02/16/2026

INSTRUCTIONS TO BIDDERS

1. Receipt and Opening of Bids: The Board of County Commissioners (herein called the "Owner"), invites bids on the form attached hereto, all blanks of which must be appropriately filled in. Bids will be received by the Owner at the office of the Fairfield County Engineer; 3026 West Fair Avenue; Lancaster, Ohio 43130 until 11:45 a.m. Monday, March 16, 2026, and then at 11:45 a.m. at said office publicly opened and read aloud. The envelopes containing the bids must be sealed, addressed to the Fairfield County Engineer, and designated as bid for the FAI-CR55-3.319 HOC-21 Hamburg Road Bridge Replacement Project.

The Owner may consider informal any bid not prepared and submitted in accordance with the provisions hereof and may waive any informalities or reject any and all bids. Any bid may be withdrawn prior to the above scheduled time for the opening of bids or authorized postponement thereof. Any bid received after the time and date specified shall not be considered. No bidder may withdraw a bid within thirty (30) days after the actual date of the opening thereof, subject to ORC Section 9.31.

2. Preparation of Bid: Each bid must be submitted on the prescribed Bid Proposal form and accompanied by a Bid Bond, Certified Check, or Letter of Credit, and the items listed under number 6. All blank spaces for bid prices must be filled in, in ink or typewritten, and the foregoing Certifications must be fully completed and executed when submitted.

Each bid must be submitted in a sealed envelope bearing on the outside the name of the bidder, his/her address, and the name of the project for which the bid is submitted. If forwarded by mail, the sealed envelope containing the bid must be enclosed in another envelope addressed as specified in the bid form.

3. Method of Bidding: The owner invites UNIT PRICE bids as indicated on the Bid Proposal, page 7.

If the lowest total responsive bid received exceeds the amount of funds available to finance the Contract, the Owner may:

- a. Reject all bids
 - b. Augment the funds available in an amount sufficient to enable award to the lowest responsive bidder or bidders
4. Bid Security: Each bid must be accompanied by cash, certified check of the bidder, or a bid bond prepared on the form of bid bond, Ohio Revised Code Section 153.54(C), duly executed by the bidder as principal and having as surety thereon a surety company approved by the Owner, in the amount of at least 10% of the bid. Such cash, checks, or bid bonds will be returned to all except the three lowest bidders within three days after the opening of bids, and the remaining cash, checks, or bid bonds will be returned promptly after the Owner and the accepted bidder have executed the Contract; or if no award has

GENERAL SPECIFICATIONS

This project includes all work items as set forth on the bid proposal and plans. The Bid Proposal, Plans, Specifications, Notice and Instructions to Bidders, General Conditions, Required Contract Provisions and General Specifications shall be considered as part of the Contract. The Bid Award shall be based upon total contract price as set forth in the Bid Proposal. Unit prices will be used for purposes of additions or deletions during construction.

All Labor and Materials shall be in accordance to referenced Items of the State of Ohio, Department of Transportation, Construction and Material Specifications dated January 1, 2023, including Supplemental Specification 800 dated January 16, 2026, and Road and Bridge Standard Drawings from the Ohio Department of Transportation for all details except as noted on the plans. Said referenced specifications and standard drawings are hereby made a part of the Contract. All work shall be performed to the satisfaction of the Fairfield County Engineer before payment is made.

The Engineer's estimate is \$1,335,371.16.

If applicable, existing plans or subsurface investigations will be made available upon request.

DOMESTIC STEEL USE REQUIREMENTS AS SPECIFIED IN SECTION 153.011 OF THE REVISED CODE APPLY TO THIS PROJECT. COPIES OF SECTION 153.011 OF THE REVISED CODE CAN BE OBTAINED FROM ANY OF THE OFFICES OF THE DEPARTMENT OF ADMINISTRATIVE SERVICES.

Bidders must be pre-qualified with the Ohio Department of Transportation.

Contractor shall hold the County of Fairfield, Fairfield County Commissioners and the Fairfield County Engineer free and harmless from all claims arising from any accident or occurrences as a result of the Contractor's operations in the performance of the herein described work. Said Contractor shall have proper insurance with minimum limits of \$500,000 for each person and \$1,000,000 for each accident.

The Contractor is to provide for the payment of the Ohio Prevailing Wage Rates to all employees and is to provide the Fairfield County Engineer with a certified copy of each payroll.

All construction operations shall not commence prior to May 3, 2027 and must be completed no later, in any case, than October 1, 2027, with work to be completed within a sixteen (16) consecutive week period, unless an extension of time has been granted. Construction conditions and/or weather may require extension of the completion date.

All work shall be coordinated and scheduled with the Fairfield County Engineer.

At the completion of the project, an Affidavit of Contractor Prevailing Wages, as provided, shall be filed with the Fairfield County Engineer's Office for the Contractor and any sub-contractors used prior to final payment.

NOTE: All bat trees marked on the project will be removed by others. Stumps will remain.

BID PROPOSAL
FAI-CR55-3.319 HOC-21 HAMBURG ROAD
BRIDGE REPLACEMENT PROJECT

TO THE COUNTY OF FAIRFIELD:

After careful examination of the plans, specifications, form of contract, and site of the proposed work, the undersigned hereby proposes and agrees, if this proposal be accepted, to enter into a contract using the form of contract provided for, to furnish all equipment, labor, materials, and construction necessary to complete the said work in accordance with the terms and conditions specified and to furnish a satisfactory bond in the amount of one hundred percent (100%) of the total amount of the contract, conditioned as and in form prescribed by law as a guarantee for the faithful performance of the contract for the following prices as described and the work described in this proposal.

Project Description: FAI-CR55-3.319 HOC-21 Hamburg Road Bridge Replacement Project

Date Set for Completion: October 1, 2027

Time Limits: All construction activities shall not commence prior to May 3, 2027 with work to be completed within a sixteen (16) consecutive week period, and must not extend past the above mentioned completion date.

All labor, materials, and procedures to be in accordance with the ODOT Construction and Material Specifications Book as specified in the General Specifications document included with this contract, and the Road and Bridge Standard Drawings from the Ohio Department of Transportation for all details except as noted in the plans.

CONTRACT

This Contract, made this _____ day of _____, 2026, between the Fairfield County Commissioners, hereinafter called the Owner, and _____ and its successors, executors, administrators and assigns, hereinafter called the Contractor.

WITNESSETH: That the Owner and the Contractor for the consideration stated herein agree as follows:

ARTICLE I: Scope of the Work - The Contractor shall perform within the time stipulated, the Contract as herein defined of which this agreement is a component part and everything required to be performed and shall provide and furnish any and all of the labor and materials together with all tools, equipment and all utility and transportation services necessary to perform the Contract and complete in a workmanlike manner all the work covered by the Contract in connection with the Owner's Project identified as: FAI-CR55-3.319 HOC-21 Hamburg Road Bridge Replacement Project in strict conformity with the Proposal, Plans, and Specifications including any and all Addenda issued by the Owner with the other Contract Documents.

It is agreed that said labor, materials, tools, equipment, and services shall be furnished by the Contractor and the Contract performed and completed under the direction and supervision and subject to the approval of the Owner or its authorized representatives.

ARTICLE II: Unit Prices - The Owner shall pay to the Contractor, as full consideration for performance of the Contract, an amount computed upon the basis of the Quantity of work actually performed at the unit price bids in the Proposal Form.

It is understood that the quantities stated for the unit price bids are approximate only and are subject to either increase or decrease; and should the quantity of any item of the unit price work be increased, the Contractor shall perform the additional work at the unit price bid in the Proposal, and should the quantity be decreased, payment will be made on actual quantities completed at the unit price bid in the Proposal, and the Contractor will make no claim for anticipated profits for any decrease in quantities. Actual quantities will be determined upon completion of the work.

ARTICLE III: Performance Bond - The Contractor shall furnish an acceptable Performance Bond in the amount of One Hundred Percent (100%) of the amount Bid at the time of signing of this Contract.

ARTICLE IV: Prevailing Wage - The Contractor shall pay the Prevailing Wage on this Contract and in accordance with all Prevailing Wage Laws in this area.

ARTICLE V: Failure to Complete on Time - If the Contractor fails to complete the work within the time allowed, not to commence prior to May 3, 2027 and must be completed not later than October 1, 2027 with work to be completed within a sixteen (16) consecutive week period, the Owner for each Calendar Day that any work shall remain uncompleted after the Contract completion date shall charge liquidated damages, from money due the Contractor, per the State of Ohio Department of Transportation Construction and Material Specifications Book specified in the General Specifications document included with this contract. The Owner may waive such portions of the liquidated damages as may accrue after the work is in condition for safe and convenient use by the Public.

FAIRFIELD COUNTY ENGINEER

FAI - CR55 - 3.319

HAMBURG ROAD
HOCKING TOWNSHIP
HOC-21

BRIDGE REPLACEMENT PROJECT



LOCATION MAP

LATITUDE: 39°38'37.89" LONGITUDE: -82°41'44.72"



PORTION TO BE IMPROVED	=====
INTERSTATE HIGHWAY	=====
FEDERAL ROUTES	=====
STATE ROUTES	=====
COUNTY & TOWNSHIP ROADS	=====
OTHER ROADS	=====

DESIGN DESIGNATION

CURRENT ADT (2024)	805
DESIGN YEAR ADT (2044)	965
TRUCKS (24 HOUR B/C)	N/A
DESIGN SPEED	30 - 24 MPH
LEGAL SPEED	55 MPH
DESIGN FUNCTIONAL CLASSIFICATION:	
06 MINOR COLLECTOR RURAL	
NHS PROJECT	NO

DESIGN EXCEPTIONS

DESIGN FEATURE	APPROVAL DATE	SHEET NUMBERS
HORIZONTAL CURVE	07/03/23	5 - 7
VERTICAL CURVE	07/03/23	5 - 7

ADA DESIGN WAIVERS

NONE

UNDERGROUND UTILITIES
Contact Two Working Days
Before You Dig

OHIO811.org
Before You Dig

OHIO811, 8-1-1, or 1-800-362-2764
(Non members must be called directly)

PLAN PREPARED BY:



INDEX OF SHEETS:

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TYPICAL SECTIONS	P.2
GENERAL NOTES	P.3 - P.4
GENERAL SUMMARY	P.5 - P.6
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PLAN AND PROFILE	P.9 - P.11
CROSS SECTIONS	P.12 - P.29
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DRAINAGE PROFILES	P.34
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RIGHT-OF-WAY	RW.1 - RW.4

ENGINEER'S SEAL

ROADWAY

STATE OF OHIO
MATHEW J. LAWLER
REGISTERED PROFESSIONAL ENGINEER
No. 80508
Exp. 02/28/24

ENGINEER'S SEAL

BRIDGE

STATE OF OHIO
MATHEW J. LAWLER
REGISTERED PROFESSIONAL ENGINEER
No. 80508
Exp. 02/28/24

STANDARD CONSTRUCTION DRAWINGS				SUPPLEMENTAL SPECIFICATIONS	SPECIAL PROVISIONS
BP-1.1	7/28/00	TC-41.20	10/18/13	832	7/19/24
BP-3.1	1/19/24	TC-42.20	10/18/13		
BP-4.1	7/19/13	TC-52.10	10/18/13		
		TC-52.20	1/15/21		
DM-1.1	7/17/20	TC-61.30	7/19/24		
DM-4.4	1/15/16				
MGS-2.1	1/19/18				
MGS-4.2	7/19/13				
MGS-6.1	1/19/18				
RM-1.1	1/20/23				
MT-101.60	4/21/23				
MT-105.10	1/17/20				

FEDERAL PROJECT NUMBER

N/A

RAILROAD INVOLVEMENT

N/A

PROJECT DESCRIPTION

REPLACEMENT OF EXISTING BRIDGE FAI-CR55-3.319, HAMBURG ROAD (C.R. 55) OVER MUDDY PRAIRIE RUN, INCLUDING IMPROVEMENT AND REPLACEMENT OF APPROXIMATELY 0.25 MILES OF APPROACH ON HAMBURG ROAD.

EARTH DISTURBED AREAS

PROJECT EARTH DISTURBED AREA:	2.35 ACRES
ESTIMATED CONTRACTOR EARTH DISTURBED AREA:	0.25 ACRES
NOTICE OF INTENT EARTH DISTURBED AREA:	2.60 ACRES

2023 SPECIFICATIONS

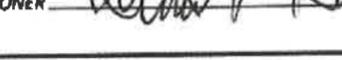
THE STANDARD SPECIFICATIONS OF THE STATE OF OHIO, DEPARTMENT OF TRANSPORTATION, INCLUDING SUPPLEMENTAL SPECIFICATIONS LISTED IN THE PLANS, CHANGES LISTED IN THE PROPOSAL, AND THE SUPPLEMENTAL SPECIFICATION 800 VERSION INDICATED ON THE PROPOSAL SHALL GOVERN THIS IMPROVEMENT.

ADDENDUMS			
NO.	DESCRIPTION	DATE	APPROVED
1	ITEM 505 PAY ITEM REMOVED ON P.6 AND ESTIMATED QUANTITIES P.38	02/25/2026	WGM
2	REVISED PILE DRIVING CONSTRAINTS NOTE ON P.36	02/26/2026	WGM

I HEREBY APPROVE THESE PLANS AND DECLARE THAT THE MAKING OF THIS IMPROVEMENT WILL REQUIRE THE CLOSING TO TRAFFIC OF THE HIGHWAY AND THAT DETOURS WILL BE PROVIDED.

APPROVED 
DATE 1-13-26 FAIRFIELD COUNTY ENGINEER

WE THE COMMISSIONERS OF FAIRFIELD COUNTY IN FORMAL SESSION, HEREBY APPROVE THESE PLANS.

DATE _____ COMMISSIONER 
DATE _____ COMMISSIONER 
DATE _____ COMMISSIONER 

TITLE SHEET

DESIGN AGENCY	DLZ
DESIGNER	EMH
REVIEWER	CSR 02/10/25
PROJECT ID	113793
SHEET TOTAL	P.1 49

FAI-CR55-3.319

MODEL: Sheet_Summary.dwg DATE: 02/10/2025 TIME: 11:58:37 AM USER: ahines
X:\Projects\2025\20250210\2025 Fairfield Co. Hamburg\20250400-Engineer\20250400\Sheet\120200_011001.dwg

REFER TO THE FOLLOWING STANDARD BRIDGE DRAWINGS:

AS-1-15	REVISED	01/20/23
DS-1-92	REVISED	07/15/22
GSD-1-19	REVISED	07/19/24
ICD-1-20	REVISED	01/19/24
TST-1-99	REVISED	01/15/21

AND TO THE FOLLOWING SUPPLEMENTAL SPECIFICATION:

800	DATED	01/16/26
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DESIGN SPECIFICATIONS:

THIS STRUCTURE CONFORMS TO THE 9TH EDITION OF THE "LRFD BRIDGE DESIGN SPECIFICATIONS" ADOPTED BY THE AMERICAN ASSOCIATION OF STATE HIGHWAY AND TRANSPORTATION OFFICIALS, 2020, AND THE ODOT BRIDGE DESIGN MANUAL, 2020.

OPERATIONAL IMPORTANCE:

A LOAD MODIFIER OF 1.00 HAS BEEN ASSUMED FOR THE DESIGN OF THIS STRUCTURE IN ACCORDANCE WITH THE AASHTO LRFD BRIDGE DESIGN SPECIFICATIONS, ARTICLE 1.3.5 AND THE ODOT BRIDGE DESIGN MANUAL.

DESIGN LOADING:

VEHICULAR LIVE LOAD: HL-93
FUTURE WEARING SURFACE (FWS) OF 0.060 KIPS/SQ. FT.

DESIGN DATA:

CONCRETE CLASS QC2 - COMPRESSIVE STRENGTH 4.5 KSI (SUPERSTRUCTURE)
CONCRETE CLASS QC1 - COMPRESSIVE STRENGTH 4.0 KSI (SUBSTRUCTURE)

CONCRETE REINFORCEMENT:
EPOXY COATED STEEL REINFORCEMENT - MINIMUM YIELD STRENGTH 60 KSI

STRUCTURAL STEEL - ASTM A709 GRADE 50, GALVANIZED PER CMS 711.02 -
YIELD STRENGTH 50 KSI

STEEL H-PILES - ASTM A572 - YIELD STRENGTH 50 KSI

MONOLITHIC WEARING SURFACE:

MONOLITHIC WEARING SURFACE IS ASSUMED, FOR DESIGN PURPOSES, TO BE 1 INCH THICK.

SCOUR ELEVATIONS:

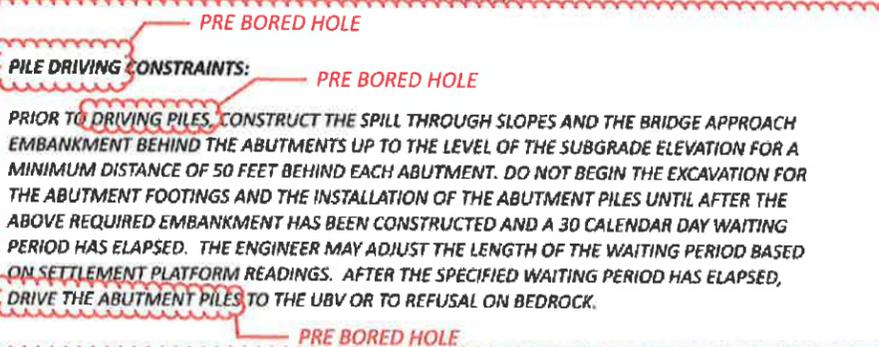
THE DESIGN FLOOD AND CHECK FLOOD SCOUR ELEVATIONS ARE PROVIDED BELOW:

	REAR ABUT.	FWD. ABUT.
DESIGN FLOOD	878.56	880.53
CHECK FLOOD	877.14	879.11

ITEM 203 - GRANULAR MATERIAL TYPE B, AS PER PLAN:



PLACE AND COMPACT EMBANKMENT MATERIAL IN FRONT OF AND BEHIND ABUTMENTS SO THAT THE DIFFERENCE IN ELEVATIONS AT THE SAME ABUTMENT DO NOT EXCEED 2 FEET PRIOR TO PERMANENTLY FASTENING BEARING DEVICES PER CMS 516.07.



ITEM 507 - PREBORED HOLES, AS PER PLAN:

PREBORE HOLES SHALL EXTEND AT LEAST 10-FT INTO BEDROCK AT EACH PILE. THE DIAMETER OF THE PREBORED HOLE SHALL BE A MINIMUM OF 2-IN LARGER THAN THE DIAGONAL DIMENSION OF THE PILE. THE CONTRACTOR IS RESPONSIBLE FOR MAINTAINING AN OPEN HOLE; HOWEVER, IT IS ANTICIPATED THAT TEMPORARY CASING WILL BE NECESSARY ABOVE THE TOP OF ROCK TO MAINTAIN AN OPEN HOLE. THE PREBORED HOLES SHALL BE CLEAN AND FREE OF ALL DELETERIOUS MATERIALS PRIOR TO BACKFILLING OPERATIONS. BACKFILL THE VOID BETWEEN THE PILE AND THE PREBORED HOLE WITH CLASS QC MISC. CONCRETE UP TO THE TOP OF ROCK ELEVATION. ABOVE THE TOP OF ROCK, BACKFILL THE VOID TO THE BOTTOM OF FOOTING ELEVATION WITH GRANULAR MATERIAL CONFORMING TO 703.11, STRUCTURAL BACKFILL TYPE 2, EXCEPT 100 PERCENT OF THE MATERIAL SHALL PASS THROUGH A 3/8-INCH SIEVE. PAYMENT FOR THE PREBORED HOLES INCLUDES THE BACKFILL MATERIAL.

ITEM 507 - STEEL PILES HP10X42, FURNISHED, AS PER PLAN:

THIS WORK CONSISTS OF FURNISHING AND PLACING STEEL PILES INTO PREBORED HOLES. PLACE EACH PILE VERTICALLY WITHIN THE HOLE SO IT IS NOT INCLINED MORE THAN ONE INCH BETWEEN TOP AND BOTTOM. SUPPORT THE PILE SO THAT IT DOES NOT MOVE DURING PLACEMENT OF BACKFILL MATERIAL.

THE TOTAL FACTORED LOAD IS 219 KIPS PER PILE FOR THE ABUTMENT PILES. THE ABUTMENT PILES INCLUDE AN ADDITIONAL 2 KIPS OF FACTORED LOAD PER PILE TO ACCOUNT FOR POSSIBLE DOWNDRAG LOADING.

ABUTMENT PILES:
HP10X42 PILES 55-FT LONG, ORDER LENGTH

PILE SPLICES:

IN LIEU OF USING THE FULL PENETRATION BUTT WELDS SPECIFIED IN CMS 507.09 TO SPLICE STEEL H-PILES, THE CONTRACTOR MAY USE A MANUFACTURED H-PILE SPLICER. FURNISH SPLICERS FROM THE FOLLOWING MANUFACTURER:

ASSOCIATED PILE AND FITTING CORPORATION
8 WOOD HOLLOW RD. PLAZA 1
PARSIPPANY, NEW JERSEY 07054

INSTALL AND WELD THE SPLICER TO THE PILE SECTIONS IN ACCORDANCE WITH THE MANUFACTURER'S WRITTEN ASSEMBLY PROCEDURE SUPPLIED TO THE ENGINEER BEFORE THE WELDING IS PERFORMED.

ITEM 513 - STRUCTURAL STEEL MEMBERS, LEVEL 1, AS PER PLAN:

GALVANIZING OF ALL STRUCTURAL STEEL SHALL BE INCLUDED FOR PAYMENT WITH THIS ITEM. ALL STRUCTURAL STEEL, INCLUDING BOLTS, NUTS, WASHERS, AND SIMILAR THREADED FASTENERS, SHALL BE GALVANIZED IN ACCORDANCE WITH CMS 711.02, EXCEPT THAT THE BOLTS, NUTS, WASHERS, AND SIMILAR THREADED FASTENERS MUST BE MECHANICALLY GALVANIZED IN ACCORDANCE WITH ASTM A153 OR ASTM B695, CLASS 50. MECHANICALLY GALVANIZED NUTS SHALL BE LUBRICATED WITH A LUBRICANT CONTAINING VISIBLE DYE. NUTS FOR MECHANICALLY GALVANIZED FASTENERS SHALL BE OVERLAPPED TO BE THE MINIMUM AMOUNT REQUIRED FOR FASTENER ASSEMBLY. ALL DAMAGED GALVANIZING MUST BE REPAIRED IN ACCORDANCE WITH ASTM A780. THE COUNTY WILL NOT ALLOW AEROSOL SPRAY APPLICATIONS OF PAINTS CONTAINING ZINC DUST PER CMS 711.02. BRUSH-ON APPLICATIONS OF ZINC-RICH PAINT CONTAINING AT LEAST 95% METALLIC ZINC, BY WEIGHT IN THE DRY FILM, ARE ACCEPTABLE.

AREAS OF FIELD CONNECTIONS MUST HAVE A UNIFORM GALVANIZED COATING THICKNESS FREE OF LOCAL EXCESSIVE ROUGHNESS WHICH WOULD PREVENT SPLICE PLATES, BEARINGS, OR OTHER FIELD CONNECTIONS FROM MAKING INTIMATE CONTACT.

FAYING SURFACES OF THE BOLTED SPLICES MUST BE ROUGHENED IN THE SHOP AFTER GALVANIZING BY HAND WIRE BRUSHING. POWER WIRE BRUSHING IS NOT PERMITTED. ALL FIELD SPLICE BOLTS HOLES MUST BE FREE OF ZINC BUILD UP. AFTER GALVANIZING, EACH HOLE MUST BE CHECKED IN THE SHOP BY USING A DRIFT PIN WITH A DIAMETER 1/16" GREATER THAN THE DIAMETER OF THE BOLT TO BE USED IN THAT HOLE. CONSIDERATION WILL BE GIVEN TO OTHER METHODS OF TREATING THE FAYING SURFACES IF A WRITTEN REQUEST IS SUBMITTED TO THE OFFICE OF STRUCTURE ENGINEERING (OSE) IN ACCORDANCE WITH CMS 108.05.

INSPECTION OF THE ROUGHENING OF THE FAYING SURFACES AND CHECKING OF HOLES WITH DRIFT PINS MUST BE PERFORMED BY THE QCS (QUALITY CONTROL SPECIALIST) REQUIRED UNDER CMS SECTION 514. ACCEPTANCE OF THE FAYING SURFACES AND HOLES SHALL BE DOCUMENTED BY THE QCS.

ITEM 625 - STRUCTURE GROUNDING SYSTEM:

INSTALL A STRUCTURE GROUNDING SYSTEM PER STANDARD DRAWING HL-50.21. PAYMENT WILL BE MADE UNDER ITEM 625 - STRUCTURE GROUNDING SYSTEM. A QUANTITY OF 1 EACH HAS BEEN CARRIED TO THE ESTIMATED QUANTITIES.

DECK PLACEMENT DESIGN ASSUMPTIONS:

THE FOLLOWING ASSUMPTIONS OF CONSTRUCTION MEANS AND METHODS WERE MADE FOR THE ANALYSIS AND DESIGN OF THE SUPERSTRUCTURE. THE CONTRACTOR IS RESPONSIBLE FOR THE DESIGN OF THE FALSEWORK SUPPORT SYSTEM WITHIN THESE PARAMETERS AND WILL ASSUME RESPONSIBILITY FOR SUPERSTRUCTURE ANALYSIS FOR DEVIATION FROM THESE DESIGN ASSUMPTIONS.

AN EIGHT WHEEL FINISHING MACHINE WITH A MAXIMUM WHEEL LOAD OF 2.20 KIPS.

A MINIMUM OUT-TO-OUT WHEEL SPACING AT EACH END OF THE MACHINE OF 103 INCHES.

A MAXIMUM SPACING OF OVERHANG FALSEWORK BRACKETS OF 48 INCHES.

A MAXIMUM DISTANCE FROM THE CENTERLINE OF THE FASCIA BEAM TO THE FACE OF THE SAFETY HANDRAIL OF 65 INCHES.

STRUCTURE GENERAL NOTES - 1
BRIDGE NO. FAI-C0055-0332
OVER MUDDY PRAIRIE RUN

SFN 2337259

DESIGN AGENCY



DESIGNER: JAM
CHECKER: MDP

REVIEWER: MJL
DATE: 10/25/24

PROJECT ID: 113793

SUBSET TOTAL: 2 | 15

SHEET TOTAL: P.36 | 49

FAI-CR55-3.319

MODEL: Sward_SurFH_PAPER(SIZE: 17x11 (in.) DATE: 8/21/2025 TIME: 12:00:39 PM USER: ehinas
X:\Projects\2023\1120200\Fairfield Co. Hamilton\1120200\400-Engineering\Structures\SRN_2337259_Sheet\113793_SFN_2337259_S0001.dgn