



Wisconsin Department of Transportation

Division of Transportation Systems Development

Bureau of Project Development
4822 Madison Yards Way, 4th Floor South
Madison, WI 53705

Telephone: (608) 266-1631
Facsimile (FAX): (608) 266-8459

January 31, 2019

NOTICE TO ALL CONTRACTORS:

Proposal #03: 2025-19-70
W Capitol Drive
North Green Bay Avenue to
North 2nd Street
STH 190
Milwaukee County

Letting February 12, 2019

This is Addendum No. 02, which provides for the following: for Project ID 2025-19-70

Special Provisions:

Revised Special Provisions	
Article No.	Description
3	Prosecution and Progress

Plan Sheets:

Revised Plan Sheets	
Plan Sheet	Plan Sheet Title (brief description of changes to sheet)
365	Structure R-40-656 Quantities & Subsurface Exploration Layout (updated bid item call-off)
367	Structure R-40-656 Railing Tubular Steel (added details, updated notes)
369	Structure R-40-657 Quantities & Subsurface Exploration Layout (updated bid item call-off)
371	Structure R-40-657 Railing Tubular Steel (added details, updated notes)

The responsibility for notifying potential subcontractors and suppliers of these changes remains with the prime contractor.

Sincerely,

Mike Coleman

Proposal Development Specialist
Proposal Management Section

ADDENDUM NO. 02

2025-19-70

January 31, 2019

Special Provisions

3. Prosecution and Progress.

Replace paragraph seven with the following:

At locations that traffic and access will be maintained, provide temporary means to prevent grade differences greater than 1 ¼ - Inch between milled surfaces and existing/newly paved surfaces (both longitudinal and transverse). Bridge vertical differences using slopes of 15:1 or greater through milling of existing HMA pavement, through temporary asphalt wedging, or through the use of wedge/tapered joint as part of mainline HMA paving as approved by the engineer. Work to remove temporary pavements or remove longitudinal wedge/tapered joint to be paid for as Removing Asphaltic Surface Milling. Temporary asphalt wedging placed separately from mainline HMA paving operations to be paid for as Asphaltic Surface Temporary.

Plan Sheets

The following 8½ x 11-inch sheets are attached and made part of the plans for this proposal:

PROJECT ID 2025-19-70

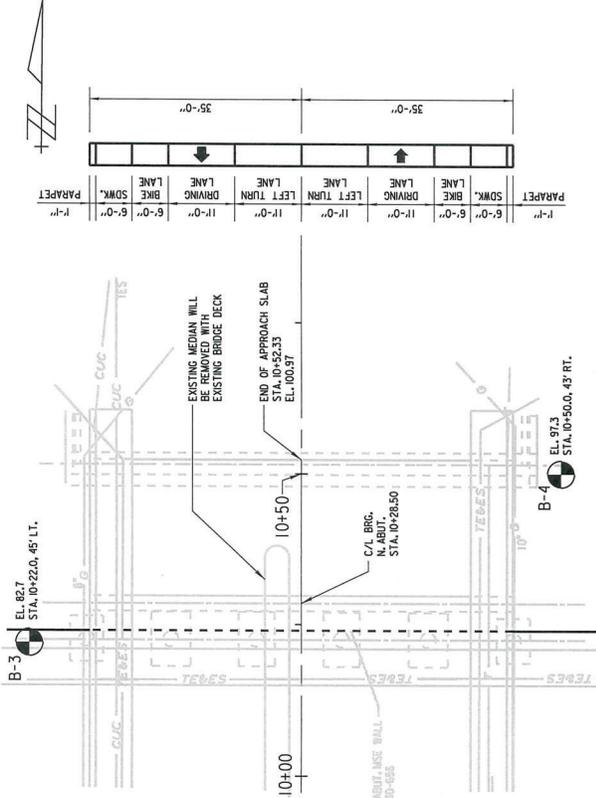
Revised: 365, 367, 369 and 371.

END OF ADDENDUM

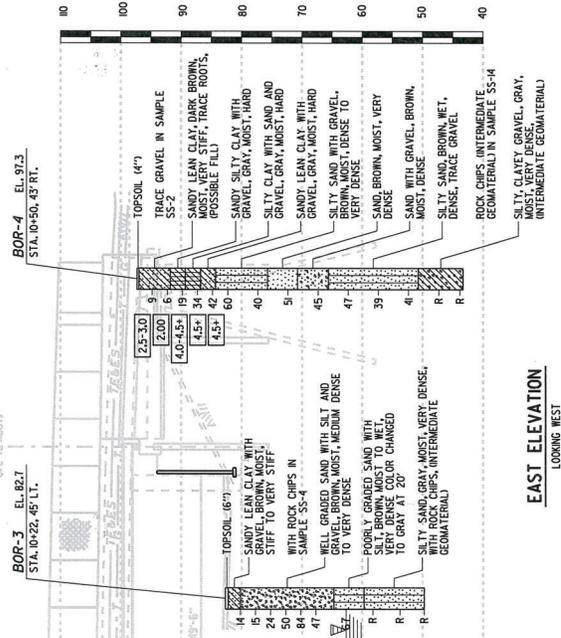
NOTES:
 SURFACE INFORMATION ON PLAN SHEET SUMMARIZES
 GEOTECHNICAL ENGINEERING REPORT.
 REVIEW GEOTECHNICAL ENGINEERING REPORT AND SOIL
 BORING DATA FOR ADDITIONAL SUBSURFACE INFORMATION,
 INCLUDING HISTORICAL BORINGS.
 SOIL BORINGS COMPLETED BY GESTRA ENGINEERING.
 - SOIL BORING
 UTILITY INFORMATION AS SHOWN IS NOT ALL INCLUSIVE
 TO SITE PLAN STRUCTURE
 B-40-314 SHEET NO. 1.



William C. Decker
 01/29/19



PLAN VIEW
 M.S.E. RETAINING WALL



EAST ELEVATION
 LOOKING WEST

TOTAL ESTIMATED QUANTITIES

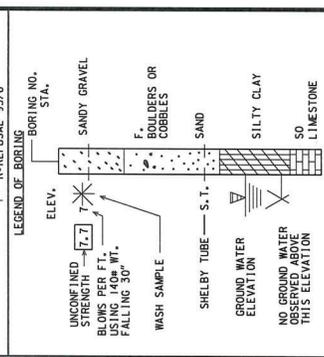
BID NUMBER	BD ITEMS	UNIT	TOTALS
612.0406	PIPE UNDERDRAIN WRAPPED 6-INCH	LF	126
SPV0500.08	RAILING TUBULAR STEEL GALVANIZED PEDESTRIAN R-40-656	LF	135
SPV2065.01	CONCRETE PANEL MECHANICALLY STABILIZED EARTH R-40-656	SF	1526
	NON-BID ITEMS		
	PRE-FORMED JOINT FILLER	SIZE 7/8"	
	POLYSTYRENE	SIZE 1"	
	NON-BITUMINOUS JOINT SEALER		

STATE PROJECT NUMBER
2025 - 19 - 70

ABBREVIATIONS
 F—FINE M—MEDIUM C—COARSE
 WS—WEATHERED SO—SOUND

MATERIAL SYMBOLS
 TOPSOIL SAND GRAVEL CLAY SANDSTONE SILT PEAT LIMESTONE IGNEOUS ROCK

LEGEND OF PROBING
 STA. ELEVATION
 95/6-95 BLOWS FOR 6" PENETRATION
 PENETRATION TAKEN WITH 140lb HAMMER FALLING 18" ON A 2" O.D. POINT.
 7 AVERAGE BLOWS PER FOOT



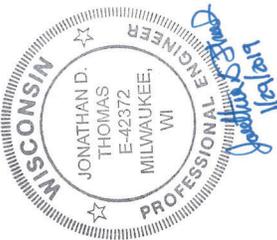
UNLESS OTHERWISE SPECIFIED, THE BLOWS PER FOOT AT THE LOCATIONS INDICATED ARE BASED ON DRIVING A 140lb HAMMER HAVING A FREE FALL OF 30" INTO THE BLOW COUNT IS TAKEN IN UNDISTURBED SOIL IMMEDIATELY BELOW A 1/2" DIAMETER HOLE ELIMINATING SIDE FRICTION ON THE DRIVE PIPE.

SUBSURFACE EXPLORATION FOR FOUNDATION DESIGN AND BIDDERS INFORMATION
 TO OBTAIN RELATIVE DATA CONCERNING THE CHARACTER OF MATERIALS FOUND IN THE FOUNDATION MATERIALS BUILT IN BORINGS AND SOUNDINGS WERE MADE AT POINTS APPROXIMATELY AS INDICATED ON THIS DRAWING. OF THE DATA PRESENTED HEREIN REPRESENTS LIMITED AND THE AREA OF THE BORINGS AND/OR SOUNDINGS IS NOT A REPRESENTATION OF THE ENTIRE SITE. INVESTIGATION OF THE DEPTHS INVESTIGATED ARE LIMITED AND THE AREA OF THE BORINGS AND/OR SOUNDINGS IS NOT A REPRESENTATION OF THE ENTIRE SITE. INVESTIGATION OF THE DEPTHS INVESTIGATED ARE LIMITED AND THE AREA OF THE BORINGS AND/OR SOUNDINGS IS NOT A REPRESENTATION OF THE ENTIRE SITE. INVESTIGATION OF THE DEPTHS INVESTIGATED ARE LIMITED AND THE AREA OF THE BORINGS AND/OR SOUNDINGS IS NOT A REPRESENTATION OF THE ENTIRE SITE.

Addendum No. 02
 ID 2025-19-70
 Revised Sheet 365
 January 31, 2019

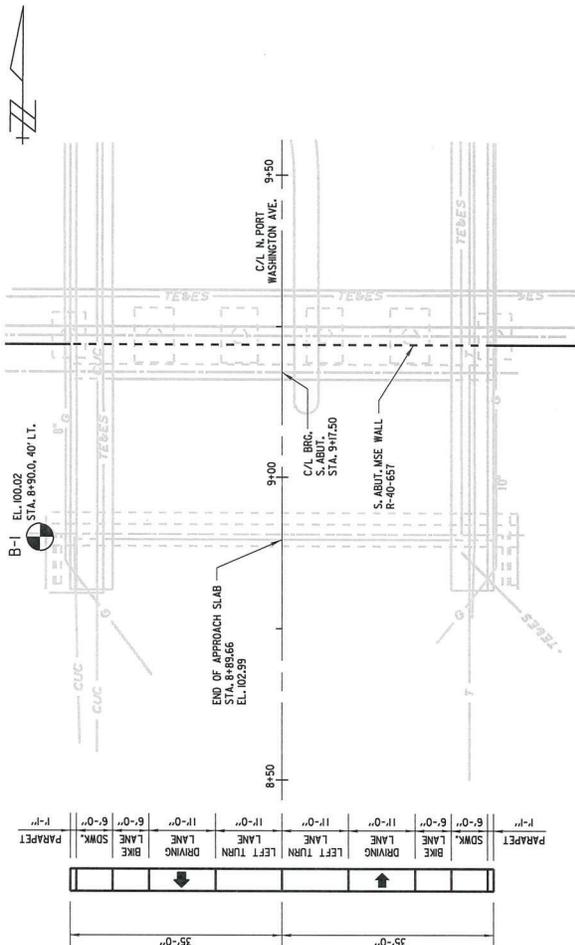
NO. DATE REVISION BY
 JPH
 STATE OF WISCONSIN
 DEPARTMENT OF TRANSPORTATION
STRUCTURE R-40-656
 DRAWN BY G.J.R. CKD. M.S.A. A.R.
QUANTITIES & SUBSURFACE SHEET 2 OF 4
EXPLORATION LAYOUT 365

NOTES
 1. SUBSURFACE INFORMATION ON THIS SHEET SUMMARIZES
 2. GEOTECHNICAL ENGINEERING REPORT
 3. REVIEW GEOTECHNICAL ENGINEERING REPORT AND SOI
 4. BORING LOGS DATED JULY 6, 2005 AND SUBSEQUENT
 5. REVISIONS FOR ADDITIONAL SUBSURFACE INFORMATION,
 6. INCLUDING HISTORICAL BORINGS.
 7. SOI BORINGS COMPLETED BY GESTRA ENGINEERING.
 8. - SOIL BORING
 9. UTILITY INFORMATION AS SHOWN IS NOT ALL INCLUSIVE
 10. B-40-657 SHEET NO. 1

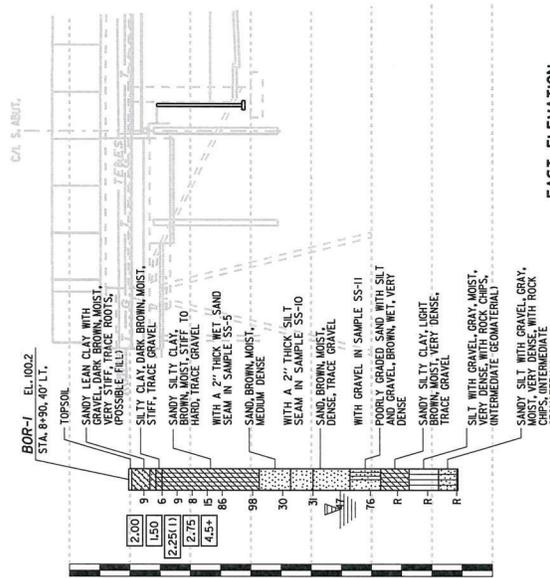


William C. Decker
 SDR

01/29/19



PLAN VIEW
 M.S.E. RETAINING WALL



EAST ELEVATION
 LOOKING WEST

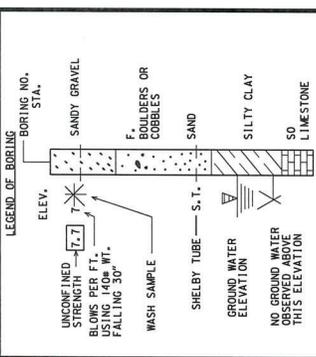
TOTAL ESTIMATED QUANTITIES

BID NUMBER	BID ITEMS	UNIT	TOTALS
B-40-657	PIPE UNDERDRAIN WRAPPED 6-HIGH	LF	130
SPV009003	PAVING TUBULAR STEEL GALVANIZED PEDESTAL R-40-657	LF	140
SPV006527	PAVING CONCRETE PANEL MECHANICALLY STABILIZED EARTH R-40-657	SF	1714
	NON-BID ITEMS		
	PRE-FORMED JOINT FILLER	SIZE 3/4"	
	POLYSTYRENE	SIZE 1"	
	NON-BITUMINOUS JOINT SEALER		

STATE PROJECT NUMBER
 2025 - 19 - 70

ABBREVIATIONS
 F— FINE WEATHERED
 M— MEDIUM
 C— COARSE
 S— SAND
 50— SOUND

MATERIAL SYMBOLS
 TOPSOIL SAND GRAVEL SILT PEAT CLAY SANDSTONE LIMESTONE IONEOUS ROCK

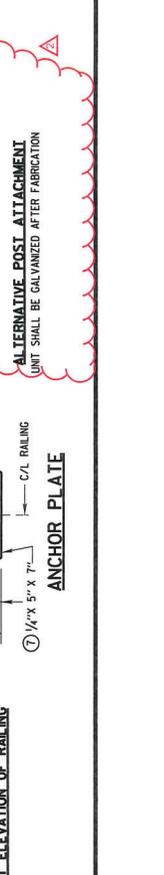
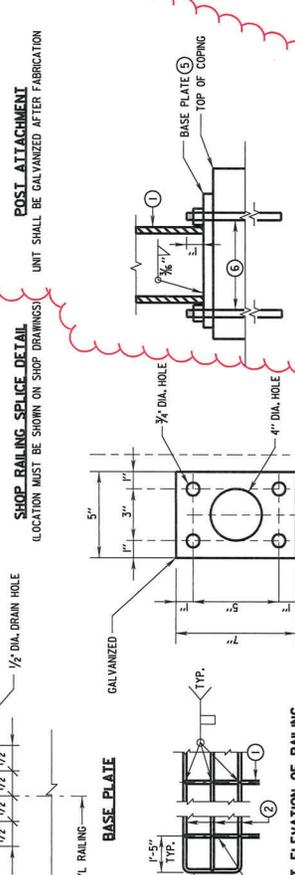
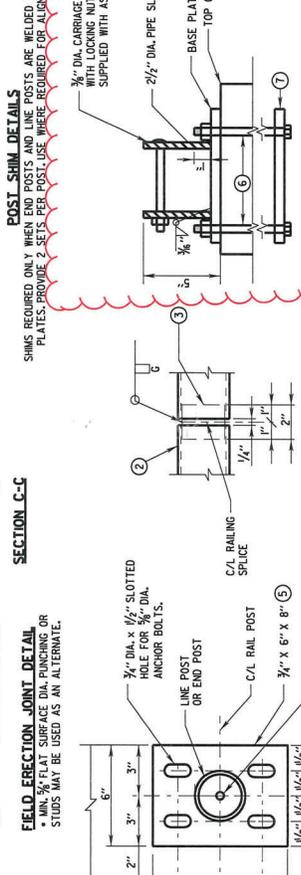
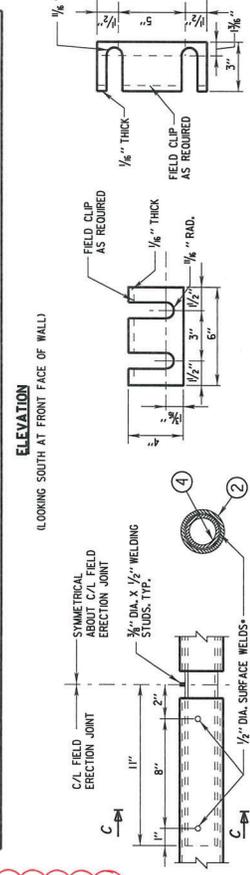
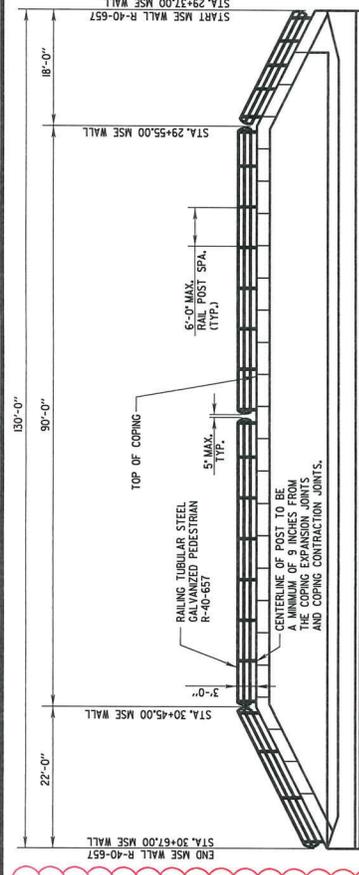
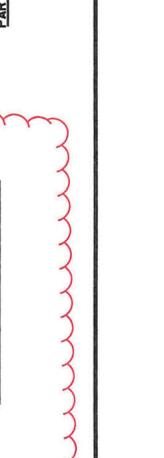
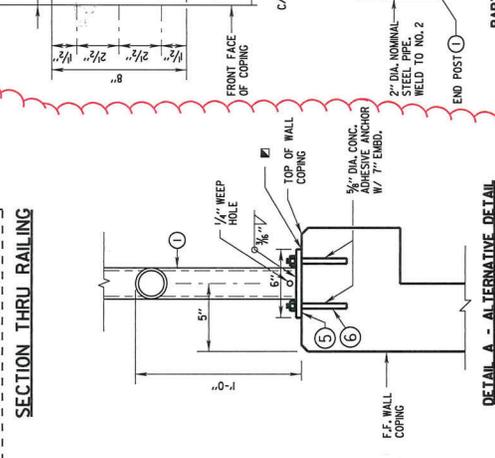
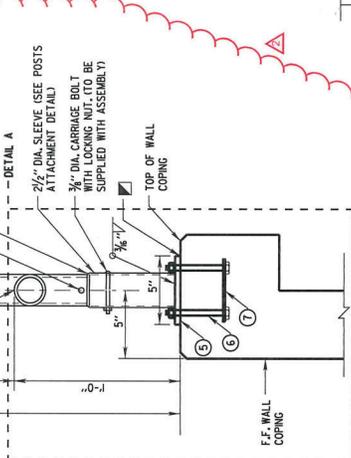
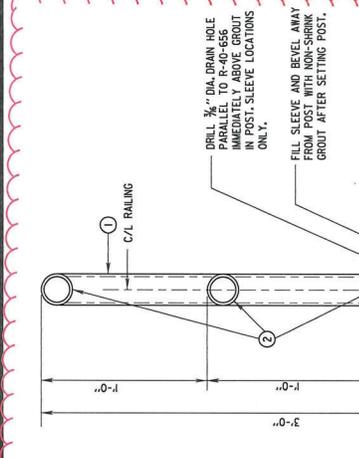


UNLESS OTHERWISE SPECIFIED, THE BLOWS PER FOOT AT THE LOCATIONS INDICATED ARE BASED ON DRIVING A 140# HAMMER HAVING A FREE FALL OF 30". THE BLOW COUNT IS TAKEN IN UNDISTURBED SOIL IMMEDIATELY BELOW A DRIVE PIPE. WHEN HOLE ELIMINATING SIDE FRICTION ON THE DRIVE PIPE.

SUBSURFACE EXPLORATION FOR FOUNDATION DESIGN AND BIDDERS INFORMATION
 TO OBTAIN RELATIVE DATA CONCERNING THE CHARACTER OF THE SOILS AND ROCKS WHICH UNDERLIE THE FOUNDATION MATERIALS, BUT NOT BORINGS AND/OR SOUNDINGS WERE MADE AT POINTS APPROXIMATELY AS INDICATED ON THIS DRAWING. OF THE DATA PRESENTED HEREIN REPRESENTS A SUMMARY OF THE DATA OBTAINED FROM THE BORINGS. HOWEVER, BECAUSE THE DEPTHS INVESTIGATED ARE LIMITED AND THE AREA OF THE BORINGS AND/OR SOUNDINGS IS LIMITED, THE DATA PRESENTED HEREIN REPRESENTS A SUMMARY OF THE DATA OBTAINED FROM THE BORINGS AND DOES NOT WARRANT CONDITIONS BELOW THE DEPTHS INVESTIGATED OR THAT THE CLASSIFICATION OF MATERIALS IS NEARLY THAT OF THE ENTIRE SITE. CONDITIONS IS NECESSARILY TYPICAL OF THE ENTIRE SITE.

NO. DATE REVISION BY
 1/28/19 Addendum 2 JPH
 STATE OF WISCONSIN
 DEPARTMENT OF TRANSPORTATION
 STRUCTURE R-40-657
 DRAWN BY: M.S.A. A.R.
 D.B. CKO.
 QUANTITIES & SUBSURFACE SHEET 2 OF 4
 EXPLORATION LAYOUT 369

Addendum No. 02
 ID 2025-19-70
 Revised Sheet 369
 January 31, 2019



STATE PROJECT NUMBER
2025 - 19 - 70

GENERAL NOTES

COMPLETE ANY REQUIRED WELDING OF COMPONENT BEFORE GALVANIZING.
BID ITEM SHALL BE "RAILING TUBULAR STEEL GALVANIZED PEDESTRIAN R-40-656" WHICH INCLUDES ALL ITEMS SHOWN.
RAILING SHALL BE FABRICATED IN LENGTHS THAT INCLUDE 3 OR 4 POSTS.
FIELD ERECTION JOINTS MUST BE PLACED IN BETWEEN RAIL POSTS WHERE THERE IS ALSO A CONCRETE COPING EXPANSION JOINT IN BETWEEN RAIL POSTS.
POST BASE PLATES SHALL BE FLAT WITH ALL SURFACES SMOOTH AND FREE FROM WELD SPATTER, SMOOTH, STRAIGHT AND VERTICAL. ALL PLATE CUTS SHALL BE MACHINE OR MACHINE FLAME CUT.
ALL MATERIALS EXCEPT ANCHORAGE DETAIL (NO.7) SHALL BE GALVANIZED AFTER FABRICATION. GALVANIZING SHALL BE DONE IN ACCORDANCE WITH ALL SPECIFICATIONS AND STEEL TUBING SHALL BE GIVEN A NO.6 BLAST CLEANING BY S.S.P.C. SPECIFICATIONS.
DRILL DRAIN HOLES PRIOR TO GALVANIZING.
ALL MATERIALS USED IN FABRICATION SHALL BE MADE FROM MATERIALS CONFORMING TO A.S.T.M. DESIGNATION A709 GRADE 36 UNLESS NOTED OTHERWISE.
GALVANIZED STEEL SHIMS MAY BE USED UNDER POSTS WHERE REDD FOR ALIGNMENT.
ALL RAILS, POSTS AND SLEEVES ARE STANDARD WEIGHT PIPE, SCHEDULE 40.
PLACE ALL NUTS ON ABUTMENT SIDE OF POSTS.
ANCHORAGES SHALL BE ACCURATELY PLACED TO PROVIDE CORRECT ALIGNMENT OF RAILING.

CAULK AROUND PERIMETER OF BASE PLATE AND FILL PORTION OF SLOTTED HOLE AROUND ANCHOR BOLT IN SHIM WITH NON-STAINING GRAY NON-BITUMINOUS JOINT SEALER.
RAILS AND POSTS TO BE ASTM A500 GRADE B. BASE PLATES AND SHIMS TO BE ASTM A709, GRADE 36. ALL GALVANIZED AFTER FABRICATION.
THE NUT SECURING THE POST BASE PLATE TO THE CONCRETE SHALL BE TIGHTENED TO A SNUG FIT AND GIVEN AN ADDITIONAL 1/4 TURN.

LEGEND

- 1 2" DIA. NOMINAL STEEL PIPE FOR POSTS; CUT BOTTOM OF POST TO MATCH TOP OF CONCRETE. POSTS ARE TO BE SET VERTICAL.
- 2 2" DIA. NOMINAL STEEL PIPE FOR RAILS; WELD TO NO. 1
- 3 1/2" DIA. PIPE SLEEVE FOR NO. 2 PROVIDE SLIDING FIT WITH A MINIMUM OUT TO OUT DIMENSION OF 2/16"
- 4 1/2" DIA. PIPE SLEEVE X 1'-0" LONG FOR NO. 2 PROVIDE 1/2" DIA. SURFACE WELDS ON ALL SIDES AS SHOWN. GRIND WELDS TO FIT FREE INTO I.D. OF NO. 2. PROVIDE 1/4" DIA. X 1/2" WELDING STUDS ON TOP AND BOTTOM SURFACES AT CENTERLINE.
- 5 PLATE 3/4" X 6" X 8" WITH 3/4" DIA. X 1/2" SLOTTED HOLE FOR ANCHOR BOLTS NO. 6.
- 6 3/4" DIA. X 8" LONG TYPE 306 STAINLESS STEEL THEBROOK ROD (MIN. TENSILE STRENGTH = 70 KSI) WITH NUT AND WASHERS OF SAME ALLOY. GROUP ALL TERMINAL ANCHORAGES TO SECTION 502.2.2 OF THE STANDARD SPECIFICATION.
- 7 1/4" X 5" X 7" FLAT BAR WITH 3/4" DIA. HOLES FOR ANCHOR BOLTS NO. 6.



NO.	DATE	REVISION	BY
1	12/28/19	Addendum 2	JPH
STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION			
STRUCTURE R-40-657			
DRAWN BY		PLANS A.R.	
SHEET 4 OF 4		371	

Addendum No. 02
ID 2025-19-70
Revised Sheet 371
January 31, 2019