

Wisconsin Department of Transportation

January 9, 2017

Division of Transportation Systems Development

Bureau of Project Development 4802 Sheboygan Avenue, Rm 601 P O Box 7916 Madison, WI 53707-7916

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

NOTICE TO ALL CONTRACTORS:

Proposal: #07: 3766-00-70, WISC 2017 006

CTH E

Bridge over Pike River (B-30-0137)

CTH E

Kenosha County

Letting of January 10, 2017

This is Addendum No. 02, which provides for the following:

Plan Sheets

Added Plan Sheets - SDD's		
Plan	Plan Sheet Title (brief description of changes to sheet)	
Sheet	r lair offeet Title (biter description of changes to sheet)	
29A	INLET COVERS TYPE A, H, A-S, H-S & Z	
29B	CATCH BASINS 3-FT, 4-FT, 5-FT AND 6-FT DIAMETER	
29C	CATCH BASINS 2X3-FT AND 2.5X3-FT	
29D	CONCRETE CURB, CONCRETE CURB AND GUTTER AND TIES	
29E	SILT FENCE	
29F	INLET PROTECTION TYPE A, B, C AND D	
29G	TURBIDITY BARRIER	
29H	APRON ENDWALLS FOR CULVERT PIPE	
291	JOINT TIES FOR CONCRETE PIPE AND CONCRETE COLLAR DETAIL	
29J	NAME PLATE (STRUCTURES)	
29K	CONCRETE PAVEMENT APPROACH SLAB	
29L	STRUCTURAL APPROACH SLAB AND CONCRETE PAVEMENT APPROACH SLAB	
29M	STEEL PLATE BEAM GUARD, CLASS "A" INSTALLATION & ELEMENTS	
29N	STEEL PLATE BEAM GUARD, CLASS "A" INSTALLATION & ELEMENTS	
290	STEEL PLATE BEAM GUARD, CLASS "A", INSTALLATION & ELEMENTS	
29P	ANCHORAGE FOR STEEL PLATE BEAM GUARD TYPE 2	
29Q	STEEL PLATE BEAM GUARD, CLASS "A" (AT BRIDGES, OBSTACLES AND	
	SIDEROADS/DRIVEWAYS)	
29R	STEEL THRIE BEAM STRUCTURE APPROACH	
298	STEEL THRIE BEAM STRUCTURE APPROACH, CONNECTION TO SQUARE END	
	PARAPETS	
29T	STEEL THRIE BEAM STRUCTURE APPROACH, CONNECTION TO VERTICAL FACED	
	PARAPETS	
29U	STEEL THRIE BEAM STRUCTURE APPROACH, CONNECTION TO SLOPED END	
	PARAPETS	

CTEFL TUDIE DE AM CTRUCTURE ADDROACH, CONNECTION TO DRIVE DATUM	
29W STEEL THRIE BEAM STRUCTURE APPROACH, CONNECTION TO BRIDGE RAILIN TYPE "M"	G
29X STEEL THRIE BEAM STRUCTURE APPROACH, CONNECTOR PLATE DETAIL	
29Y STEEL THRIE BEAM STRUCTURE APPROACH, SINGLE SLOPE ATTACHMENT	
29Z STEEL PLATE BEAM GUARD ENERGY ABSORBING TERMINAL	
29AA STEEL PLATE BEAM GUARD ENERGY ABSORBING TERMINAL	
29AB STEEL PLATE BEAM GUARD ENERGY ABSORBING TERMINAL	
29AC STEEL PLATE BEAM GUARD ENERGY ABSORBING TERMINAL	
29AD STEEL PLATE BEAM GUARD ENERGY ABSORBING TERMINAL	
29AE MIDWEST GUARDRAIL SYSTEM (MGS) GUARDRAIL	
29AF MIDWEST GUARDRAIL SYSTEM (MGS) GUARDRAIL	
29AG MIDWEST GUARDRAIL SYSTEM (MGS) GUARDRAIL	
29AH MIDWEST GUARDRAIL SYSTEM ENERGY ABSORBING TERMINAL (MGS)	
29AI MIDWEST GUARDRAIL SYSTEM ENERGY ABSORBING TERMINAL (MGS)	
29AJ MIDWEST GUARDRAIL SYSTEM ENERGY ABSORBING TERMINAL (MGS)	
29AK MIDWEST GUARDRAIL SYSTEM THRIE BEAM TRANSITION (MGS)	
29AL MIDWEST GUARDRAIL SYSTEM THRIE BEAM TRANSITION (MGS)	
29AM MIDWEST GUARDRAIL SYSTEM THRIE BEAM TRANSITION (MGS)	
29AN MIDWEST GUARDRAIL SYSTEM THRIE BEAM TRANSITION (MGS)	
29AO MIDWEST GUARDRAIL SYSTEM THRIE BEAM TRANSITION (MGS)	
29AP MIDWEST GUARDRAIL SYSTEM THRIE BEAM TRANSITION (MGS)	
29AQ MIDWEST GUARDRAIL SYSTEM THRIE BEAM TRANSITION (MGS)	
29AR MIDWEST GUARDRAIL SYSTEM THRIE BEAM TRANSITION (MGS)	
29AS MIDWEST GUARDRAIL SYSTEM THRIE BEAM TRANSITION (MGS)	
29AT MIDWEST GUARDRAIL SYSTEM THRIE BEAM TRANSITION (MGS)	
29AU MIDWEST GUARDRAIL SYSTEM THRIE BEAM TRANSITION (MGS)	
29AV MIDWEST GUARDRAIL SYSTEM THRIE BEAM TRANSITION (MGS)	
29AW PAVEMENT MARKING FOR BIKE LANES	
29AX SIGNING AND MARKING FOR TWO LANE TO FOUR LANE DIVIDED TRANSITIONS	
29AY BICYCLE LANE MARKING	
29AZ BICYCLE LANE MARKING	_
29BA PAVEMENT MARKING FOR BIKE LANES	
29BB BICYCLE LANE MARKING	

Plan Sheets

The following 8 ½ x 11-inch sheets are attached and made part of the plans for this proposal:

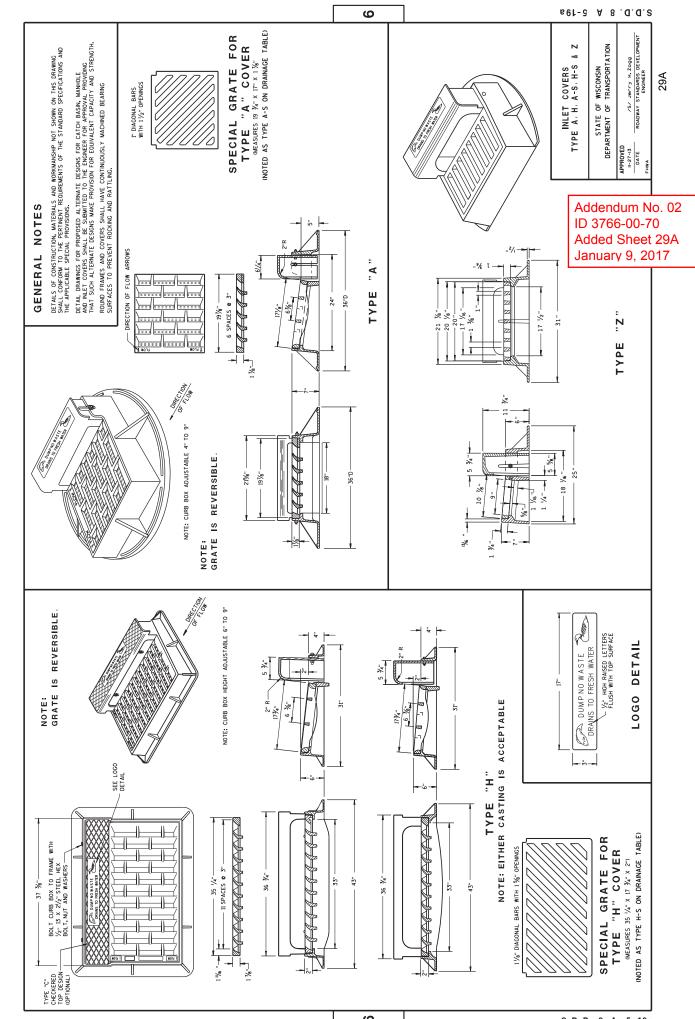
Added: 29A - 29BB

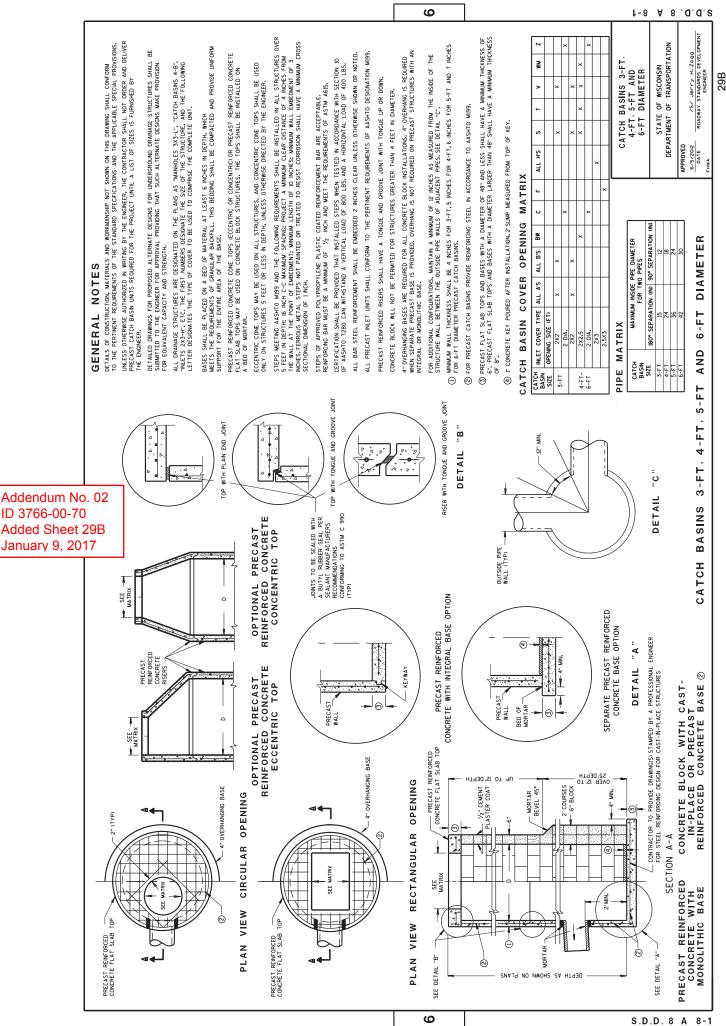
The responsibility for notifying potential subcontractors and suppliers of these changes remains with the prime contractor.

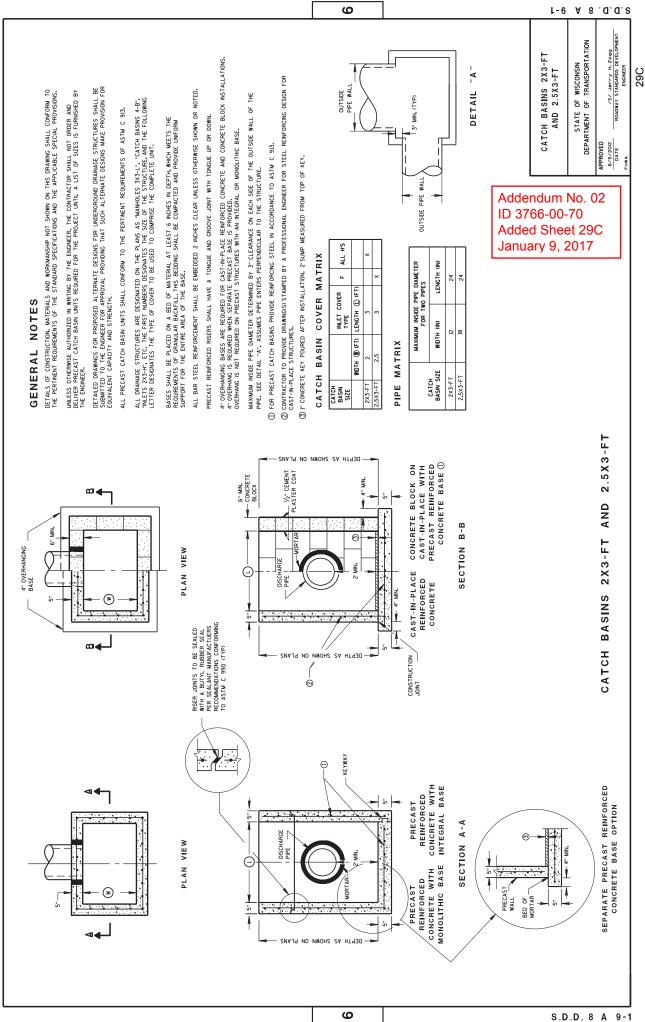
Sincerely,

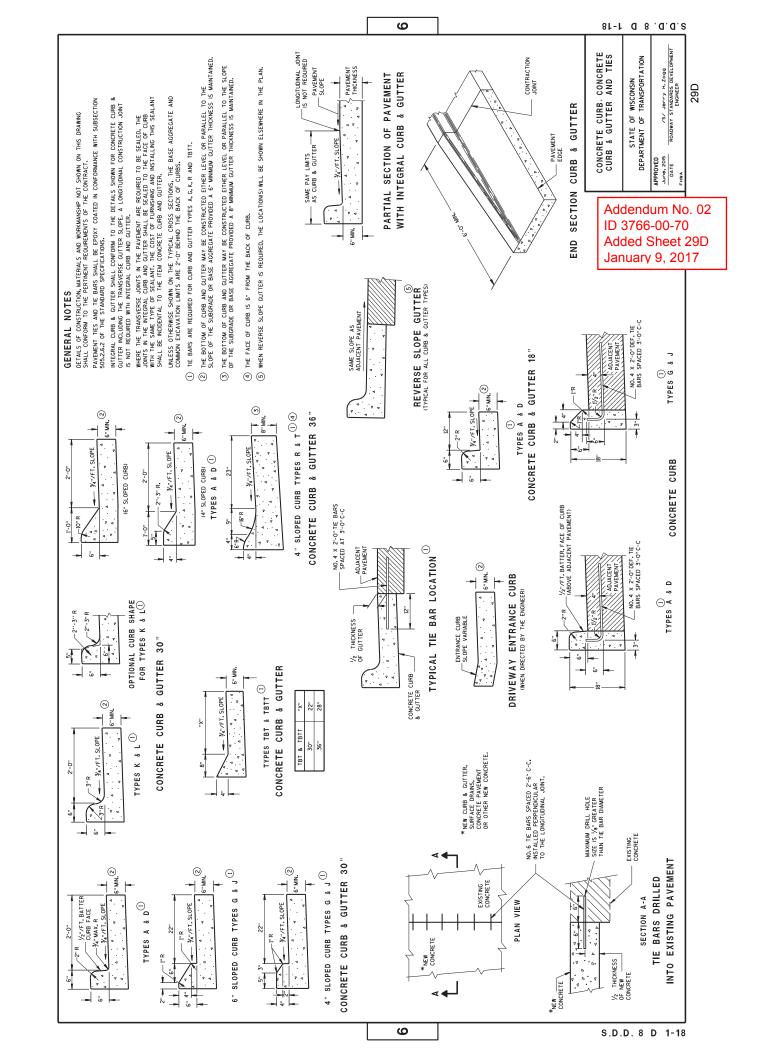


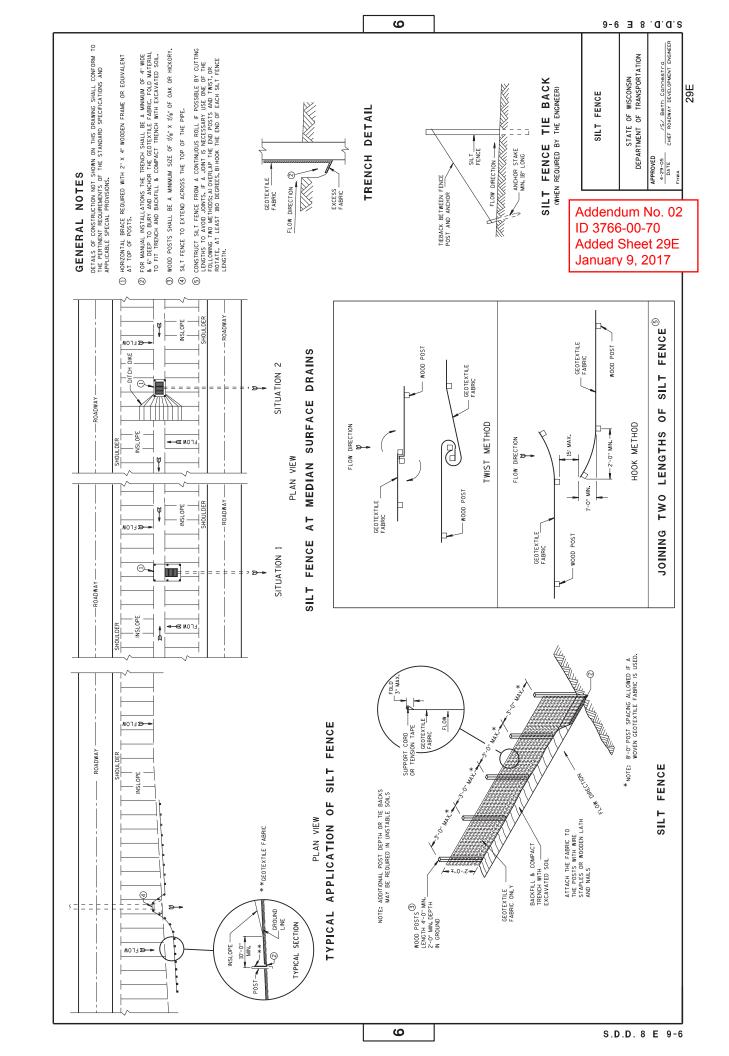
Proposal Development Specialist Proposal Management Section

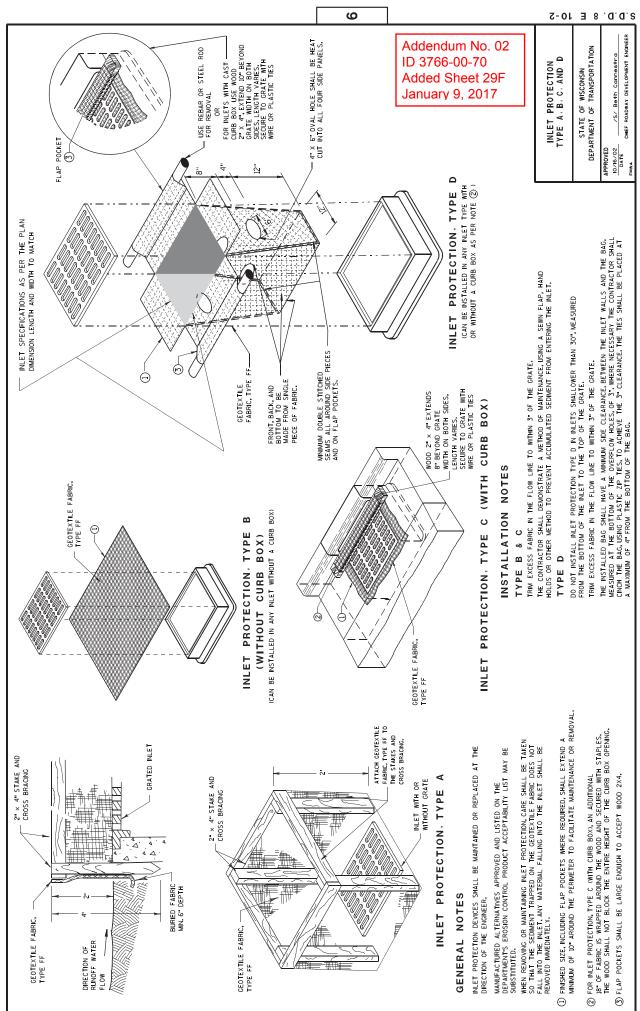


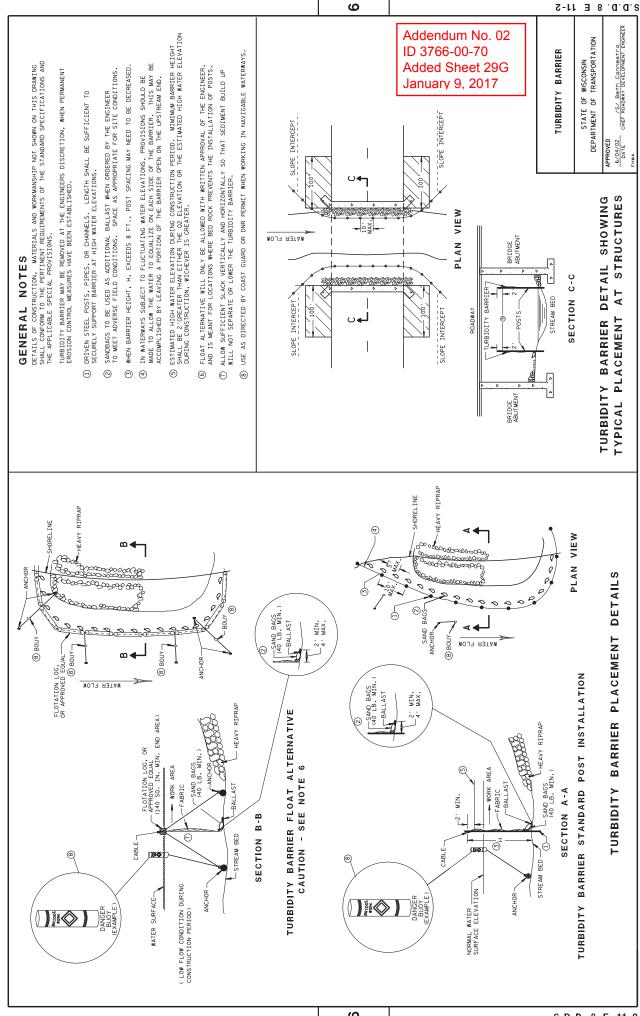




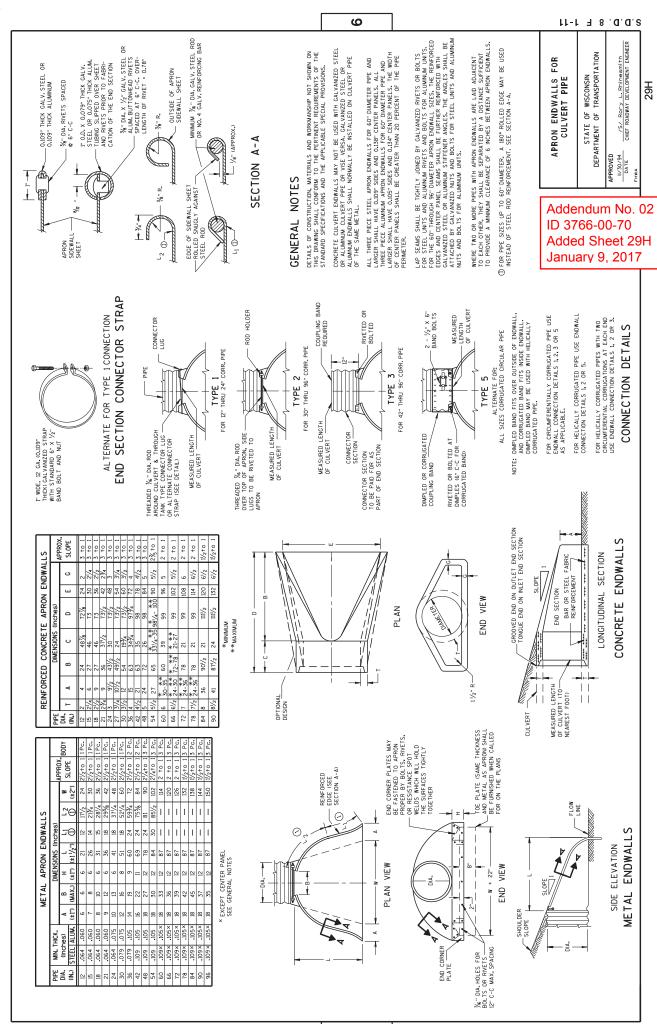


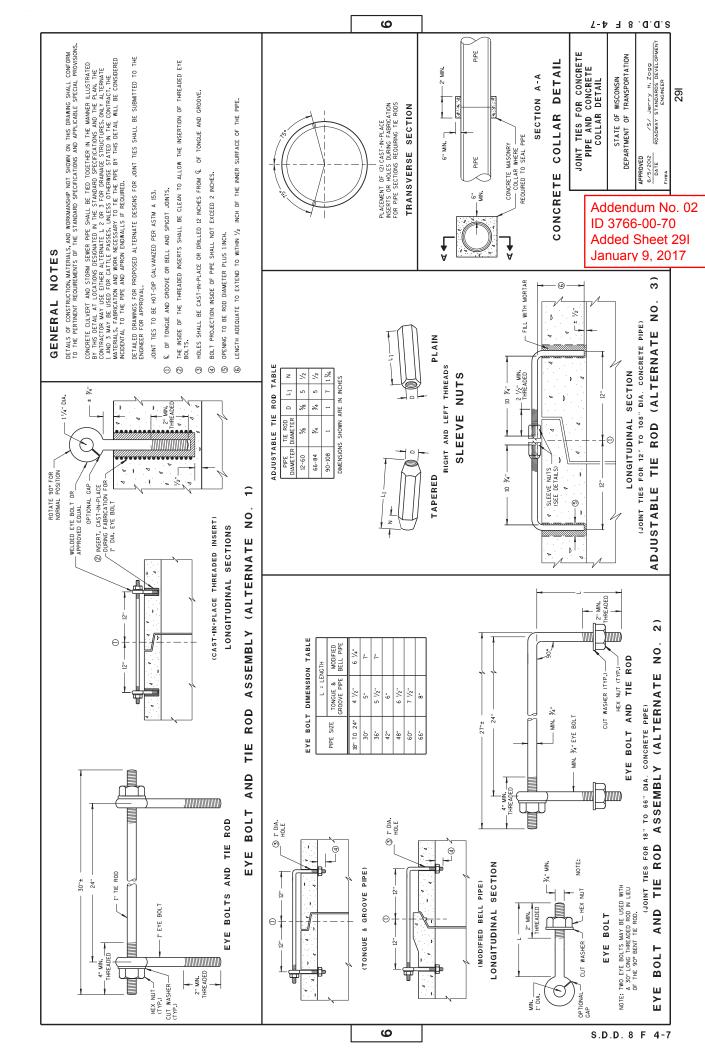


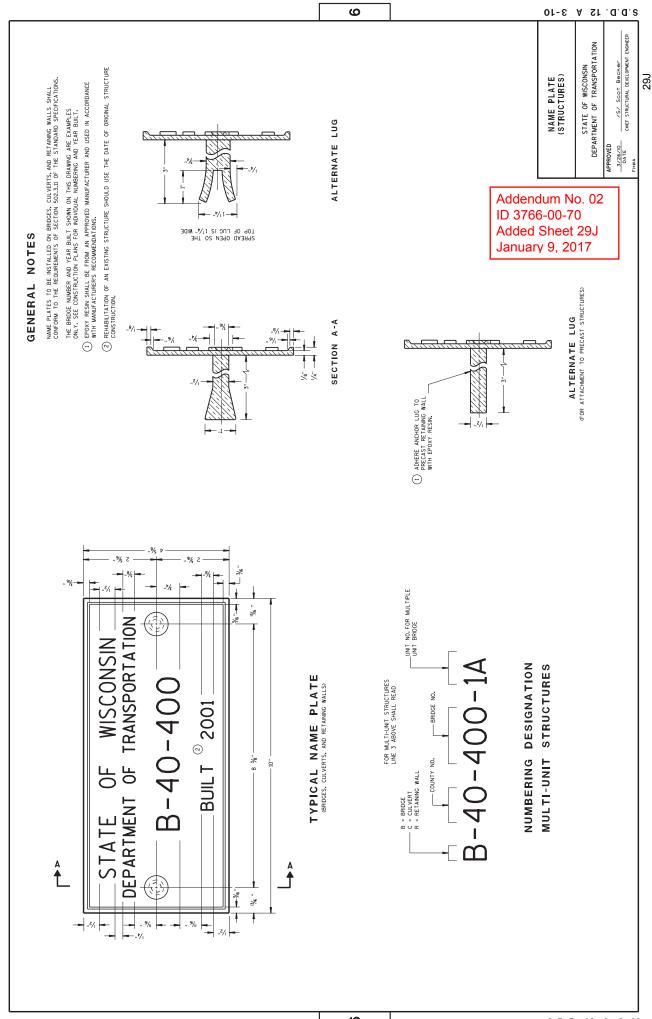


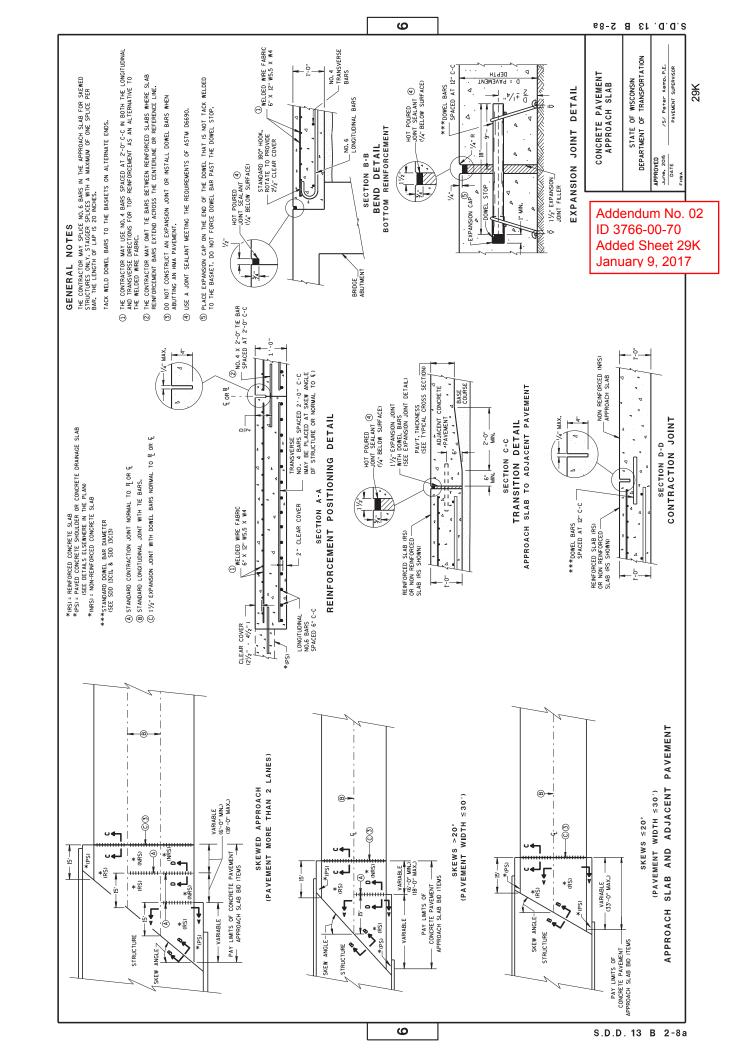


29G









9

STRUCTURAL APPROACH SLAB AND CONCRETE PAVEMENT APPROACH SLAB STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION /S/ Peter Kemp, P.E. PAVEMENT SUPERVISOR APPROVED
JUNG, 2015
DATE
FHWA

Addendum No. 02 ID 3766-00-70 Added Sheet 29L January 9, 2017

GENERAL NOTES

ALL PROJECTS THAT INVOLVE A STRUCTURAL APPROACH SLAB WILL ALSO HAVE A CONCRETE PAVEMENT APPROACH SLAB.

- SEE BRIDGE PLAN.
- (2) CONFORM TO SHEET 13 B 2(A) FOR CONCRETE PAVEMENT APPROACH SLAB DETAILS.
- DO NOT CONSTRUCT AN EXPANSION JOINT OR INSTALL DOWEL BARS WHEN ABUTTING AN HMA PAVEMENT. **©**

 $\ensuremath{\mathbb{C}}$ 11/2" expansion joint with dowel bars normal to $\ensuremath{\mathbb{R}}$ or $\ensuremath{\mathbb{C}}$

(B) 11/2" EXPANSION JOINT (NO DOWELS)

(O) (O)

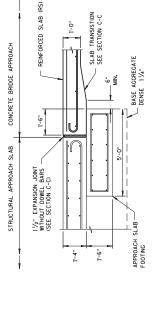
STRUCTURAL APPROACH SLAB ①

STRUCTURE

20'-0" TYP.

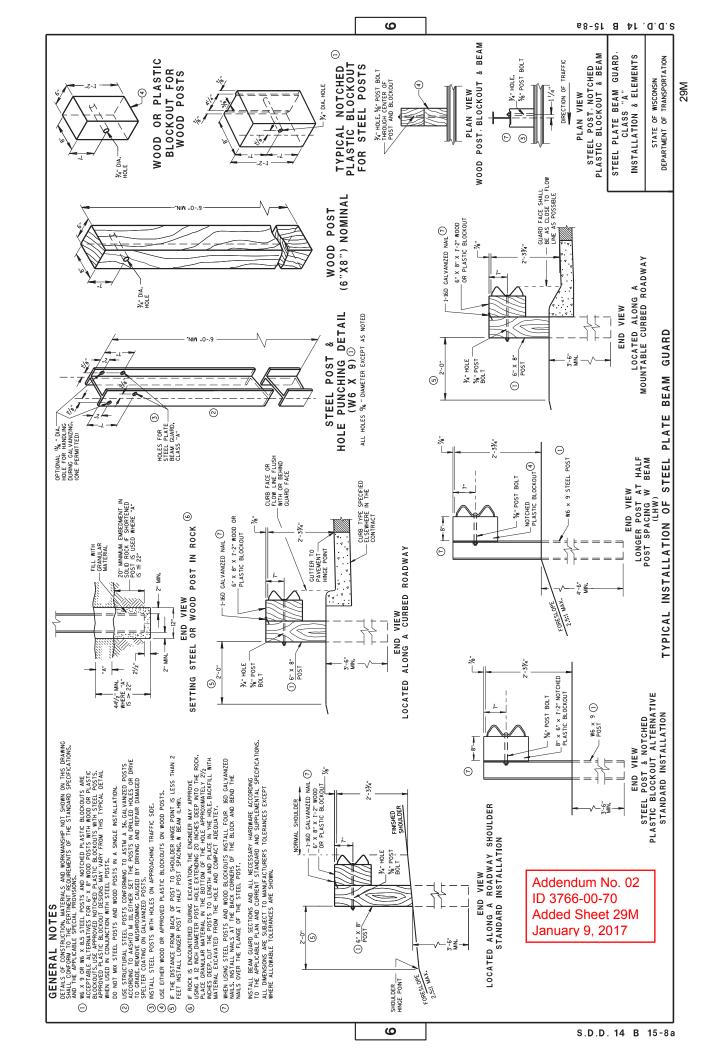
BRIDGE APPROACHES

PAY LIMITS OF CONCRETE PAVEMENT APPROACH SLAB BID ITEMS (2)



FOOTING DETAIL STRUCTURAL APPROACH S.LAB TO CONCRETE BRIDGE APPROACH SECTION E-E

29L



8.D.D.14 B 15-8b

STEEL PLATE BEAM GUARD, CLASS "A", INSTALLATION & ELEMENTS

Addendum No. 02 ID 3766-00-70 Added Sheet 29N January 9, 2017

USE ALL OTHER STANDARD BEAM GUARD DETAILS FOR CONSTRUCTING NESTED W BEAM (NW) <u>@</u> NESTED W BEAM (NW)

(II) REVERSE EVERY OTHER REFLECTOR FOR 2-WAY VISIBILITY, THE CONTRACTOR MAY FURNISH TWO-SIDED REFLECTORS IN LIEU OF ONE-SIDED REFLECTORS. (3) %" DIA. BUTTON HEAD BOLT AND RECESS NUT WITH %" DIA. F844 FLAT WASHER UNDER NUT. (9) DO NOT INSTALL REFLECTORS ON THE FIRST 50 FEET OF THE APPROACH END OF THE ENERGY ABSORBING TERMINAL. (B) PROVIDE SILVER REFLECTIVE SHEETING ON ALL REFLECTORS EXCEPT THOSE LOCATED ALONG THE LEFT EDGE OF ONE-WAY ROADWAYS, WHICH SHALL BE PROVIDED WITH YELLOW REFLECTIVE SHEETING. SHEETING IS TYPE H, SEE STANDARD SPECIFICATION 637. (I) PROVIDE AN ANGLE OF BEND OF 90° * 1° FOR TWO-SIDED REFLECTORS, (I) 8 -3%" $\phi \propto z^2$ button head bolts with oval shoulders & recess nuits. GENERAL NOTES -FINISHED SHOULDER WOOD OR PLASTIC BLOCKOUT FRONT VIEW 121/2" LAP

SYMMETRICAL ABOUT & -12 GAGE .. X/,1—▶

BEAM SECTION THRU W

DIRECTION OF TRAFFIC

INISHED SHOULDER

6'-3" C-C POST SPACING

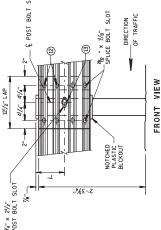
6'-3" C-C POST SPACING

12'-6" OR 25'-0" EFFECTIVE LENGTH OF BEAM

POST SPACING STANDARD INSTALLATION

FRONT VIEW





3'-1//2" C-C POST SPACING

3'-1/2" C-C 3'-1/2" C-C

POST SPACING

POST SPACING

POST SPACING 3'-11/2" C-C

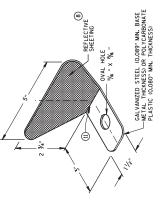
12'-6" OR 25'-0" EFFECTIVE LENGTH OF BEAM

6" x 8" x 1-2" WOOD OR PLASTIC BLOCKOUT

EIGHT 5%" DIA.
X 2" BUTTON
HEAD BOLTS
WITH OVAL
SHOULDERS
AND RECESS —
NUTS

PLACE ONE "W" BEAM SECTION ON TOP OF _ ANOTHER TO PROVIDE NESTED RAIL

OF STEEL PLATE BEAM GUARD TYPICAL SPLICING DETAILS BEAM SPLICE AT STEEL POST

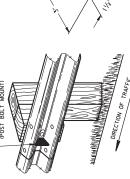


DIRECTION OF TRAFFIC REFLECTOR (POST BOLT

9 (E) 25'C-C 50'C-C 50'C-C 100'C-C 50°C-C , 200. 200. × 200' > 200' < 200' > 200' TWO WAY TRAFFIC ONE WAY TRAFFIC TWO WAY

MIN. NO. REFLECTORS REFLECTOR NO. SURFACES
SPACING REFLECTORIZED (9) REFLECTOR SPACING BEAM GUARD R

<u>@</u> ONE SIDED REFLECTOR DETAIL AND TYPICAL INSTALLATION

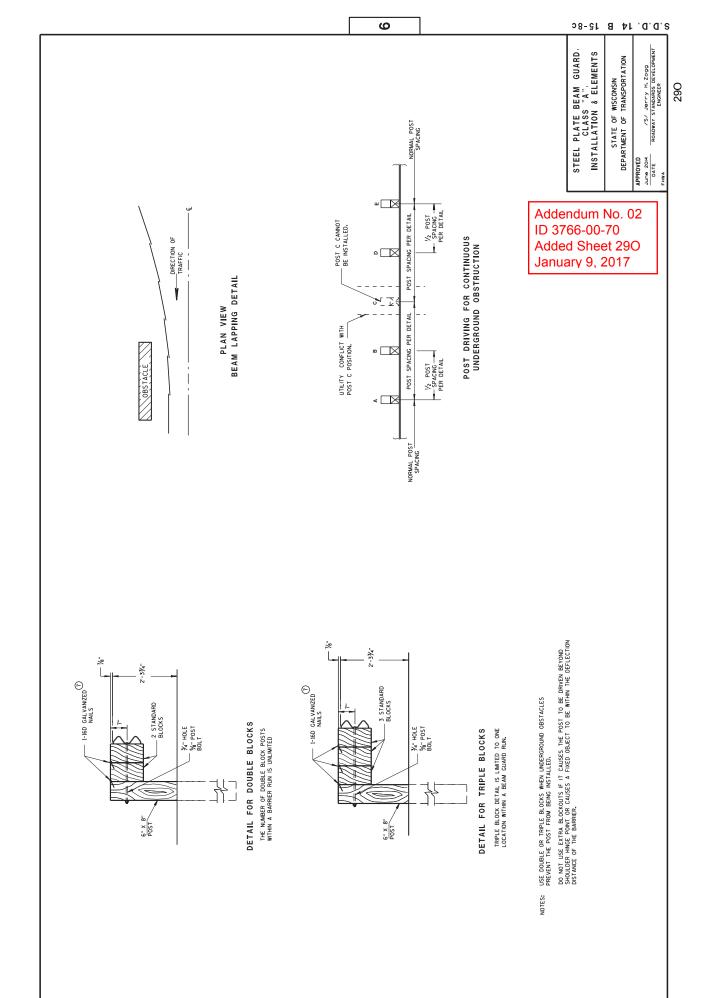


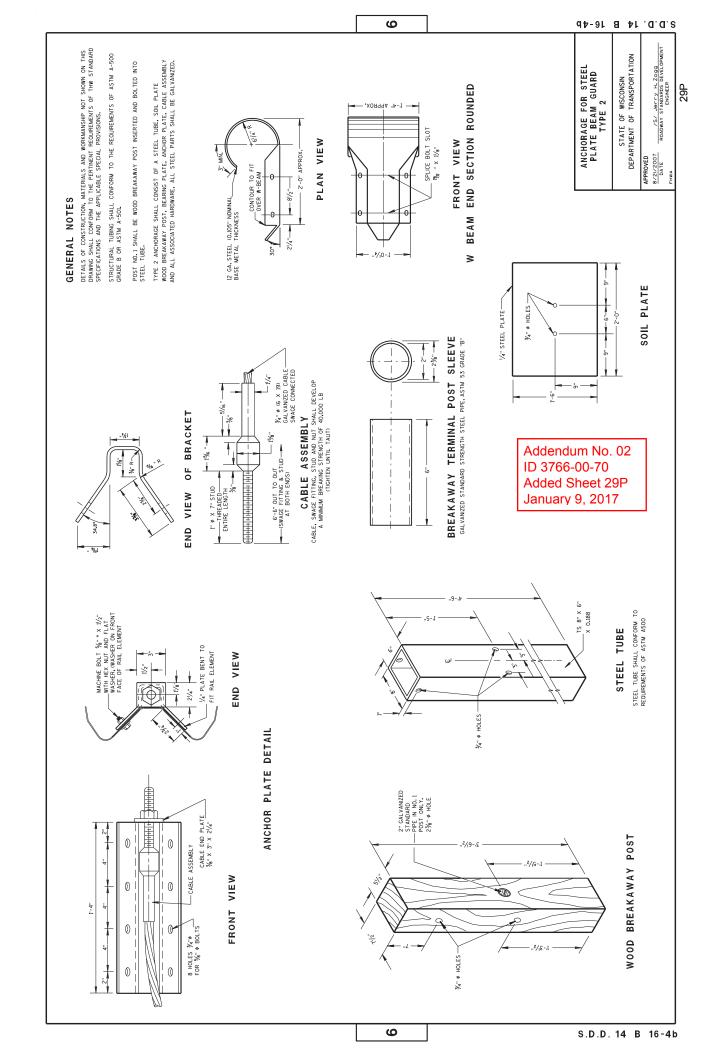
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

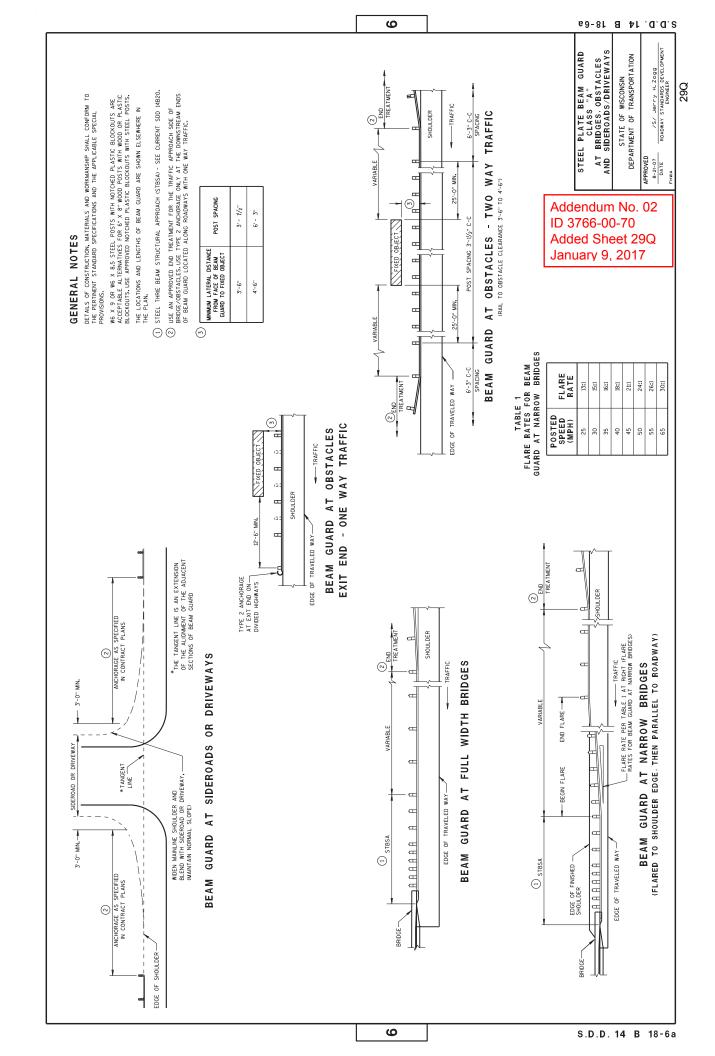
AT HALF POST SPACING W BEAM (LHW)

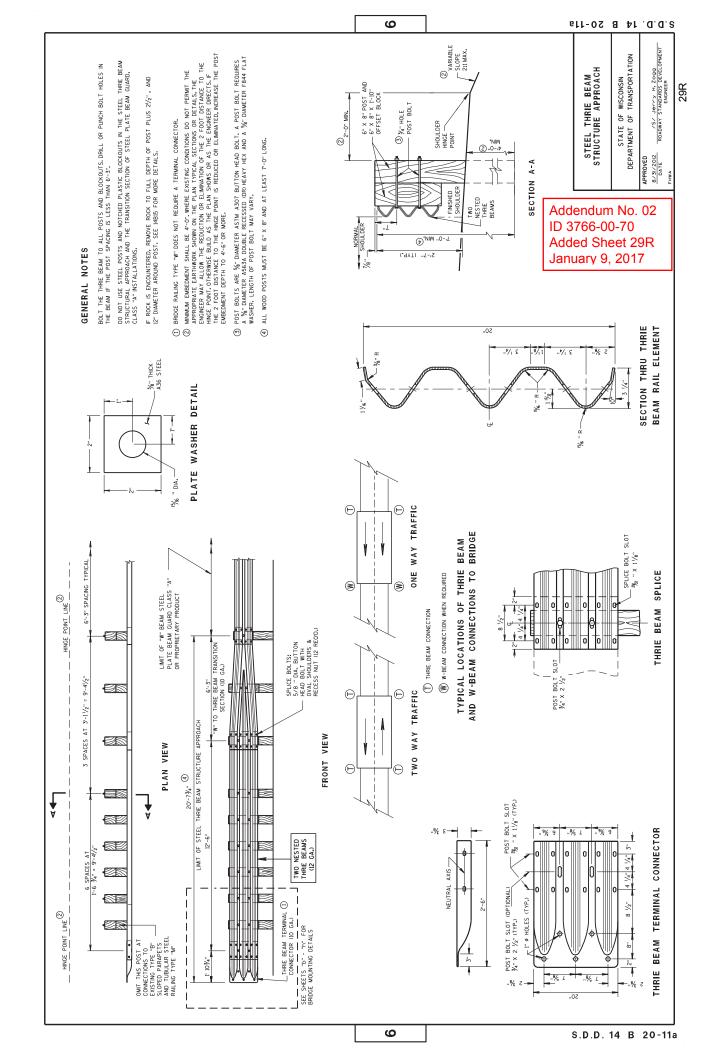
POST SPACING FOR LONGER POST

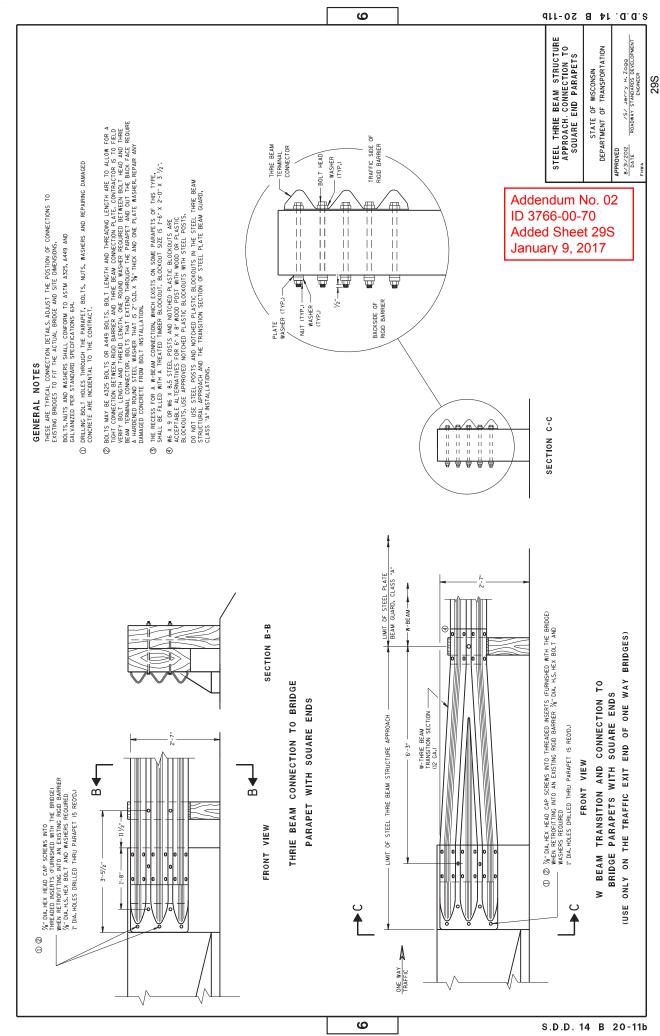
FRONT VIEW

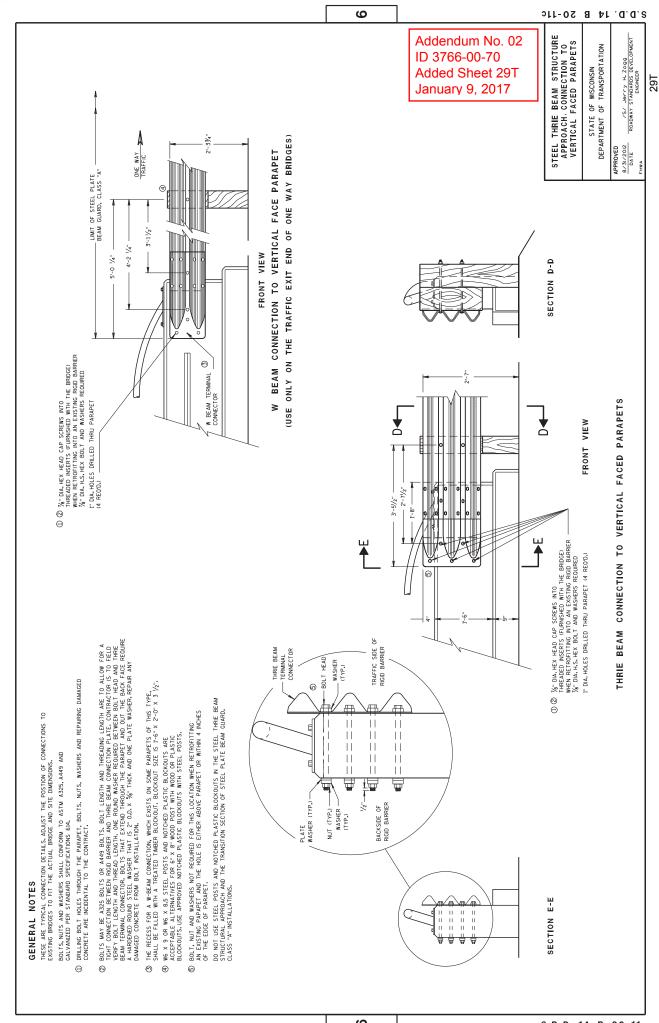


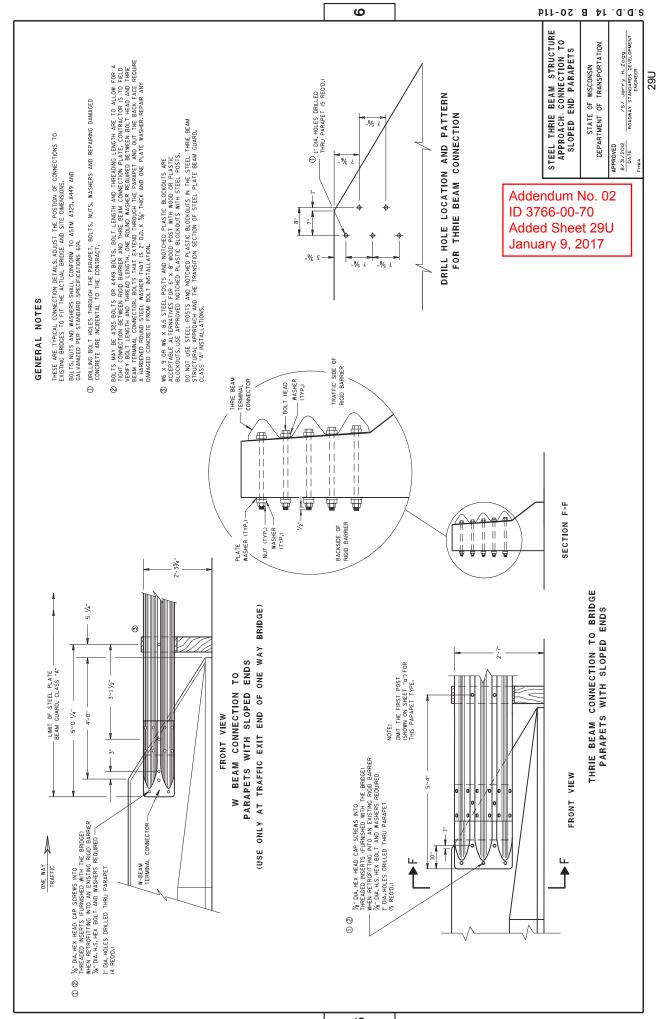


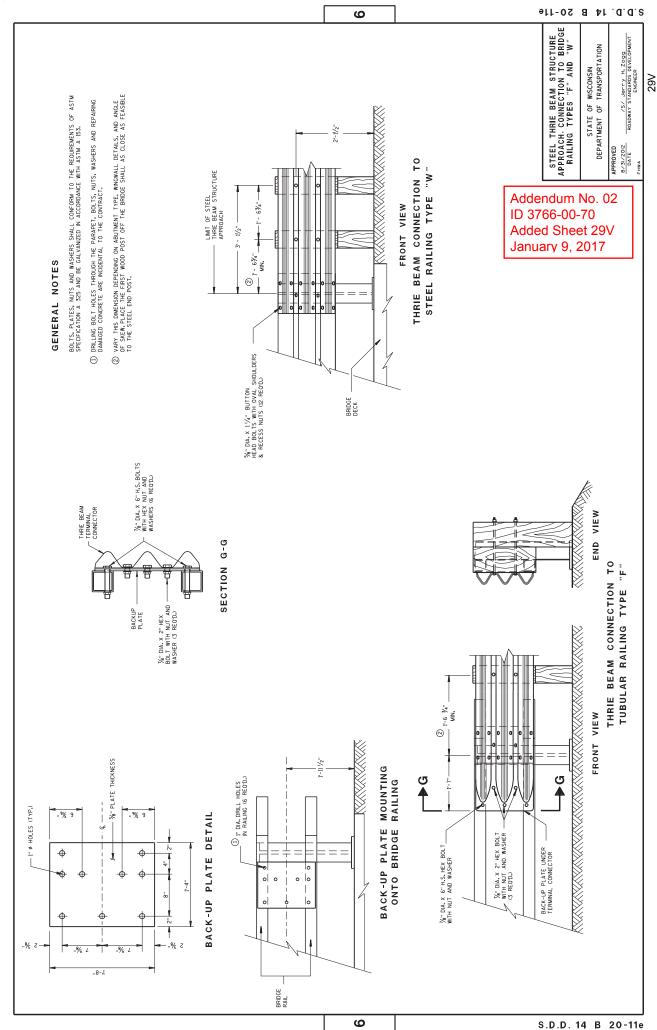


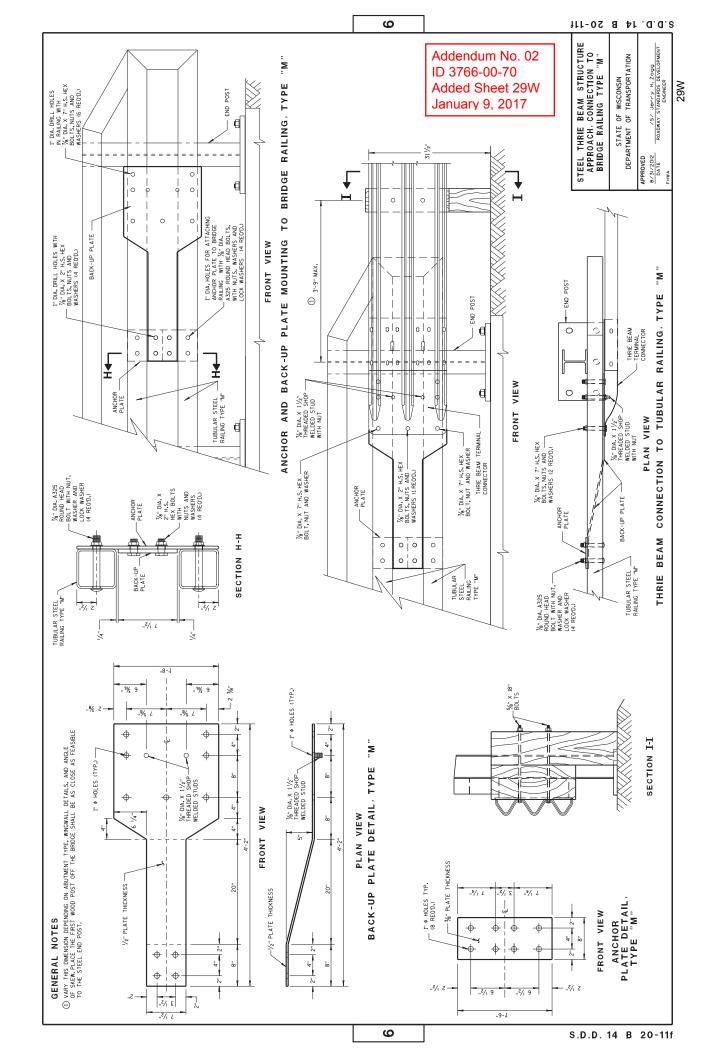


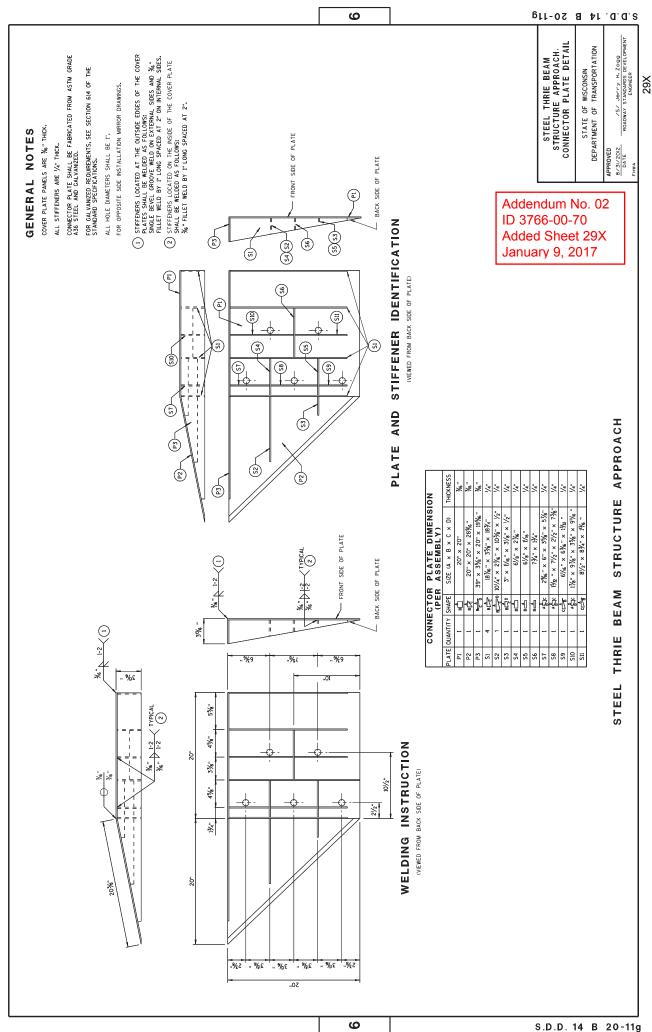


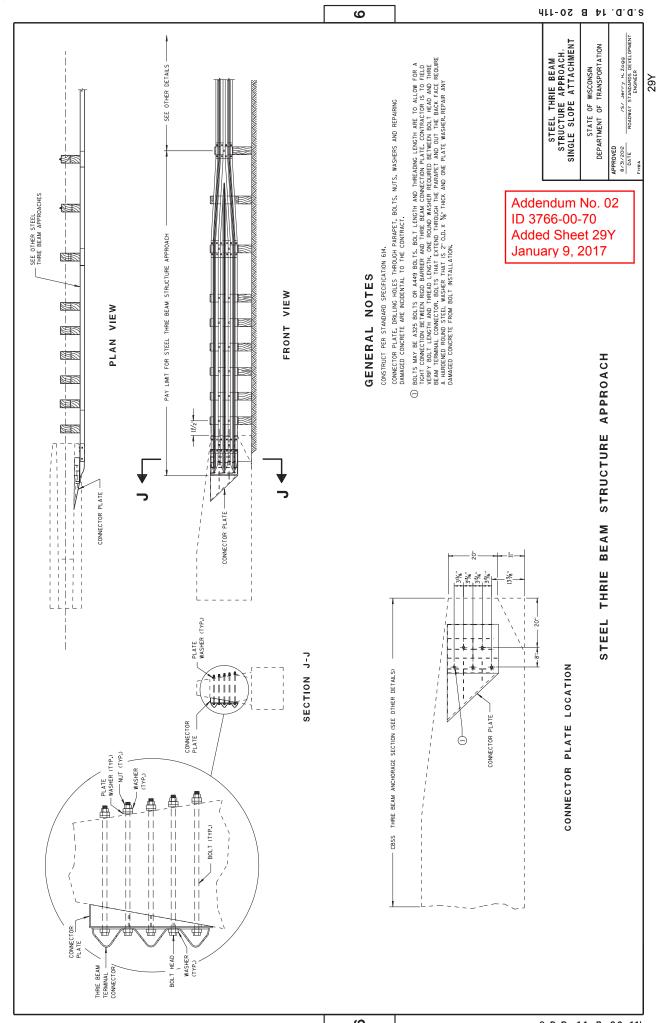


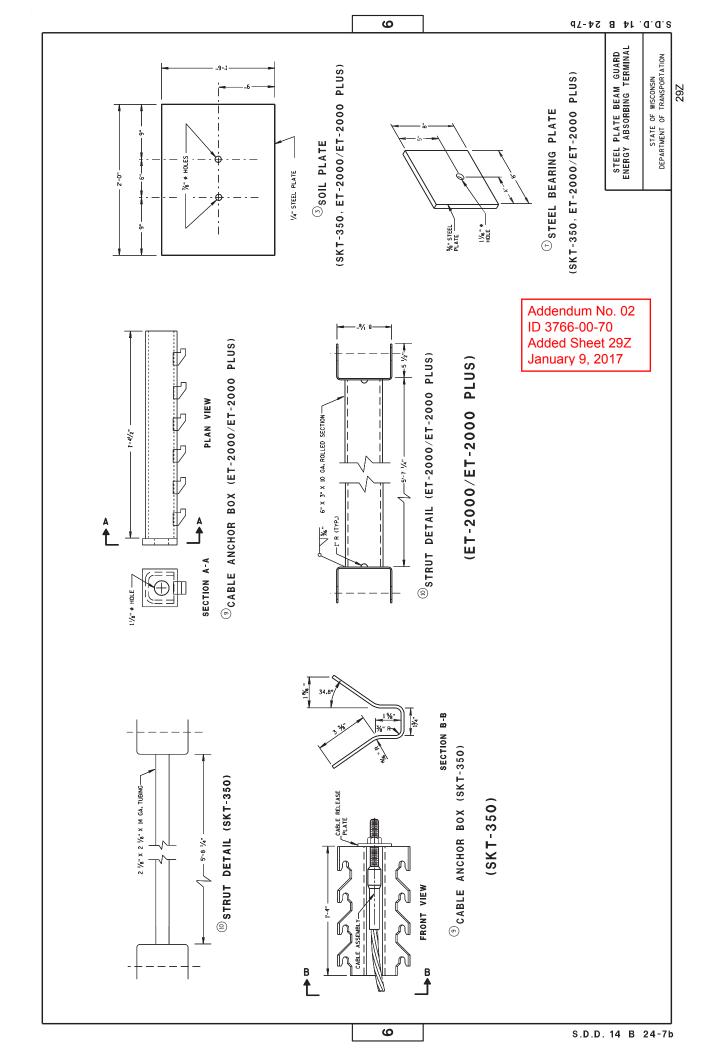


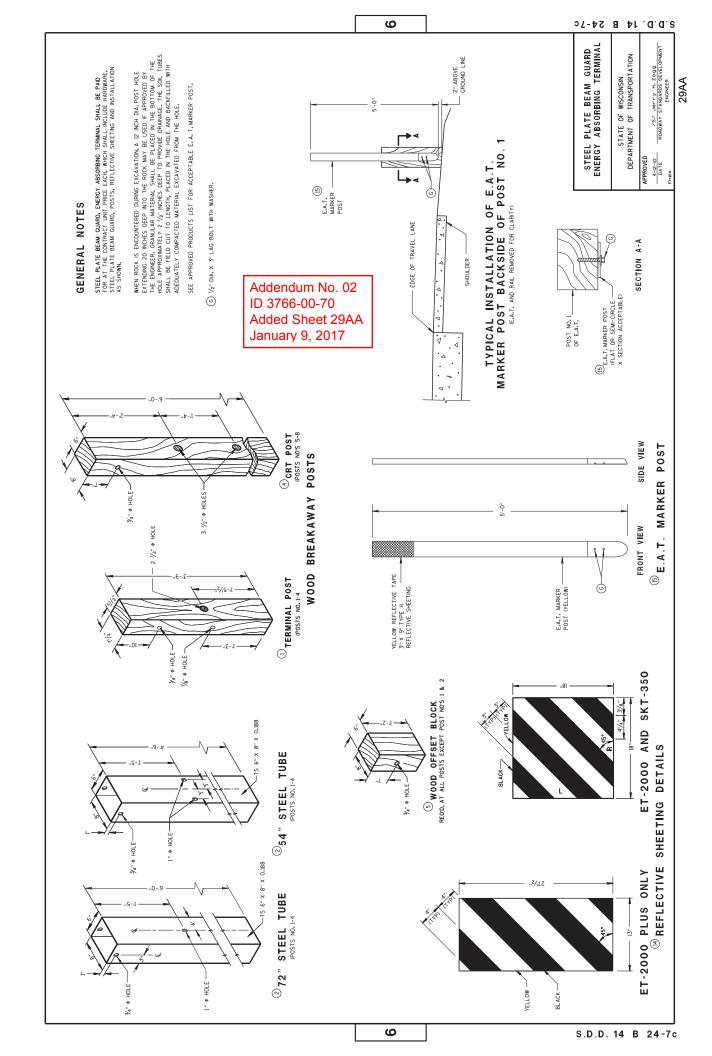


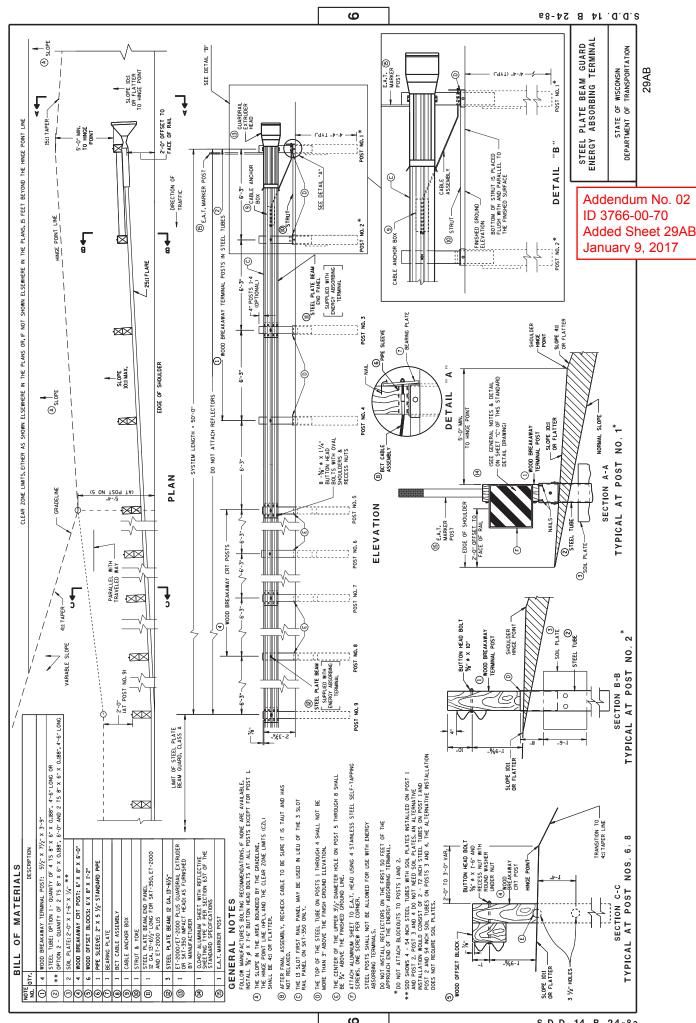


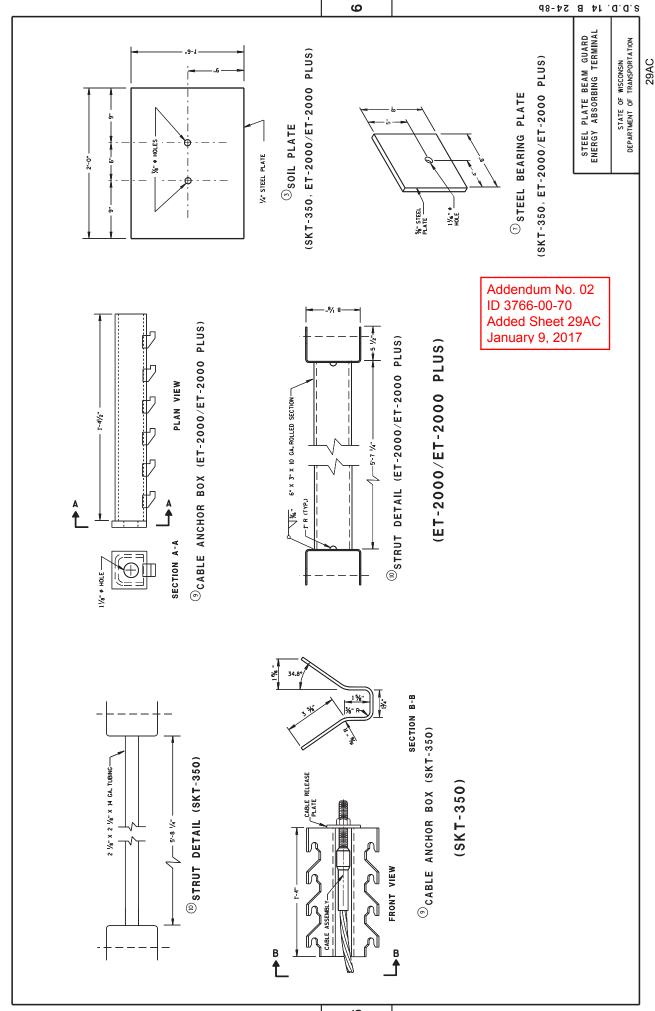


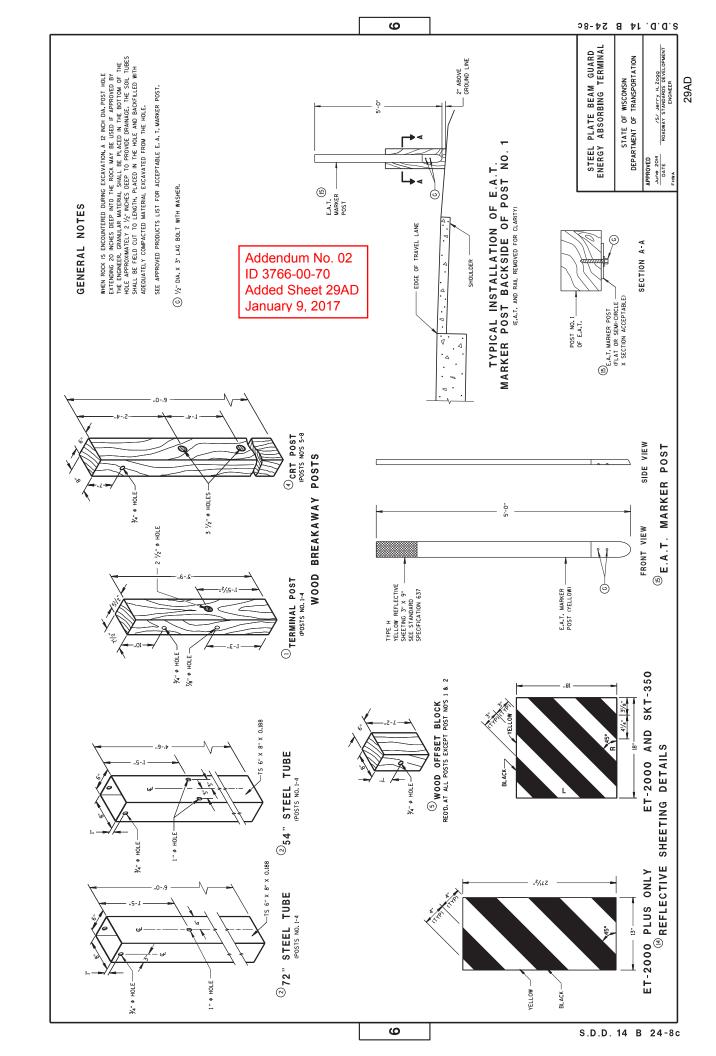


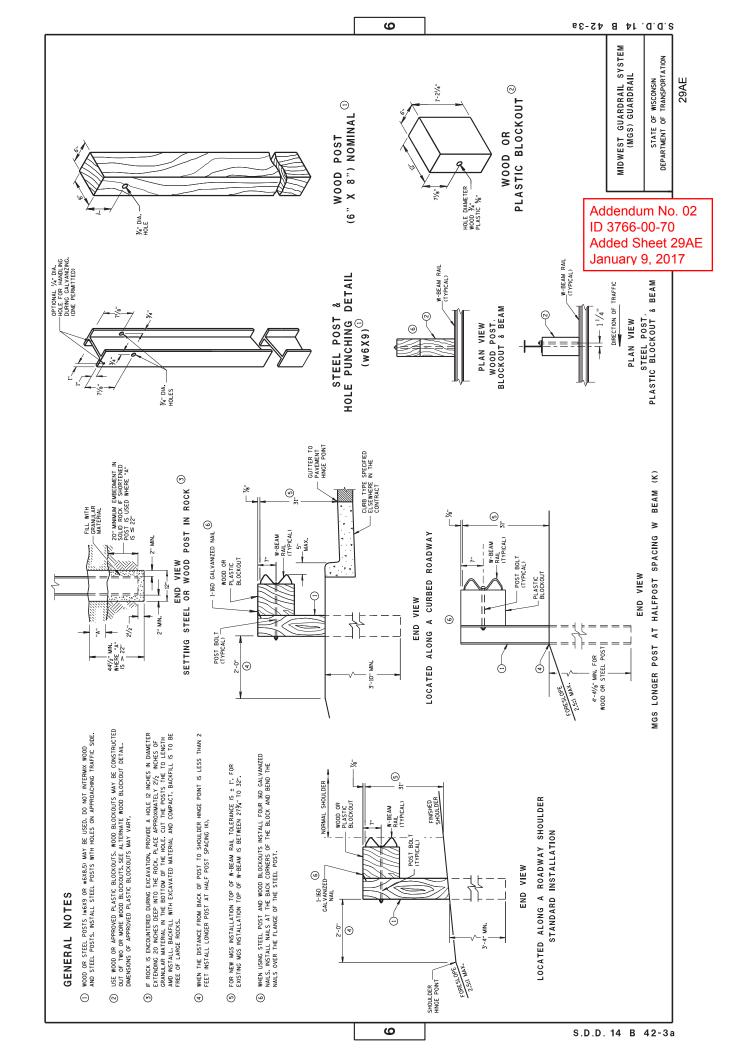


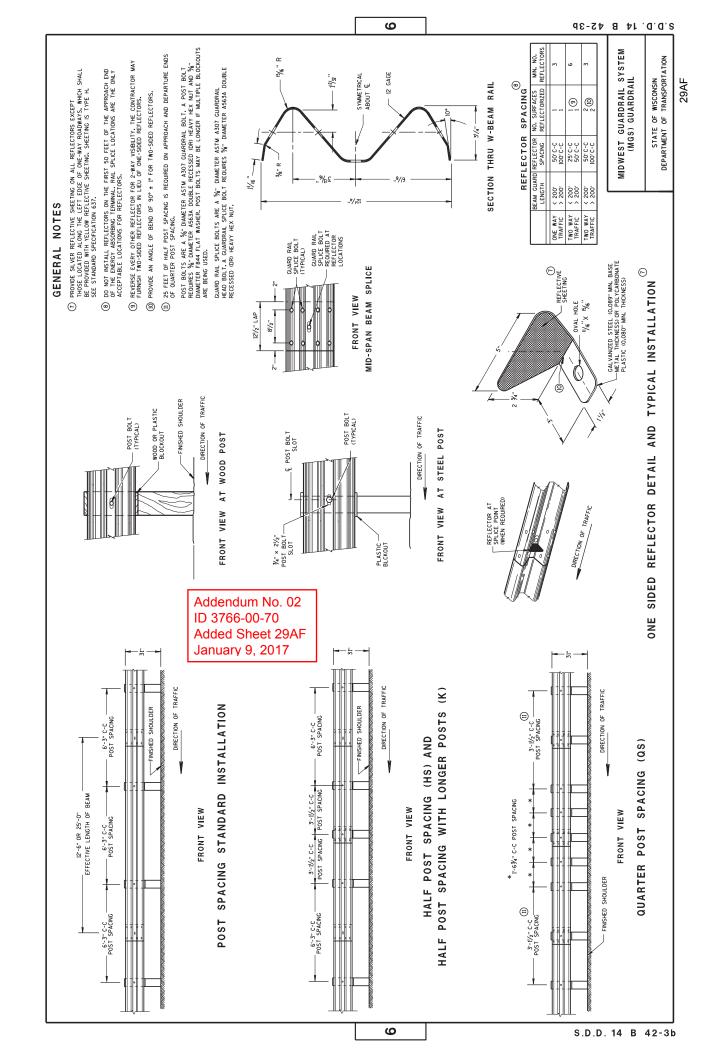


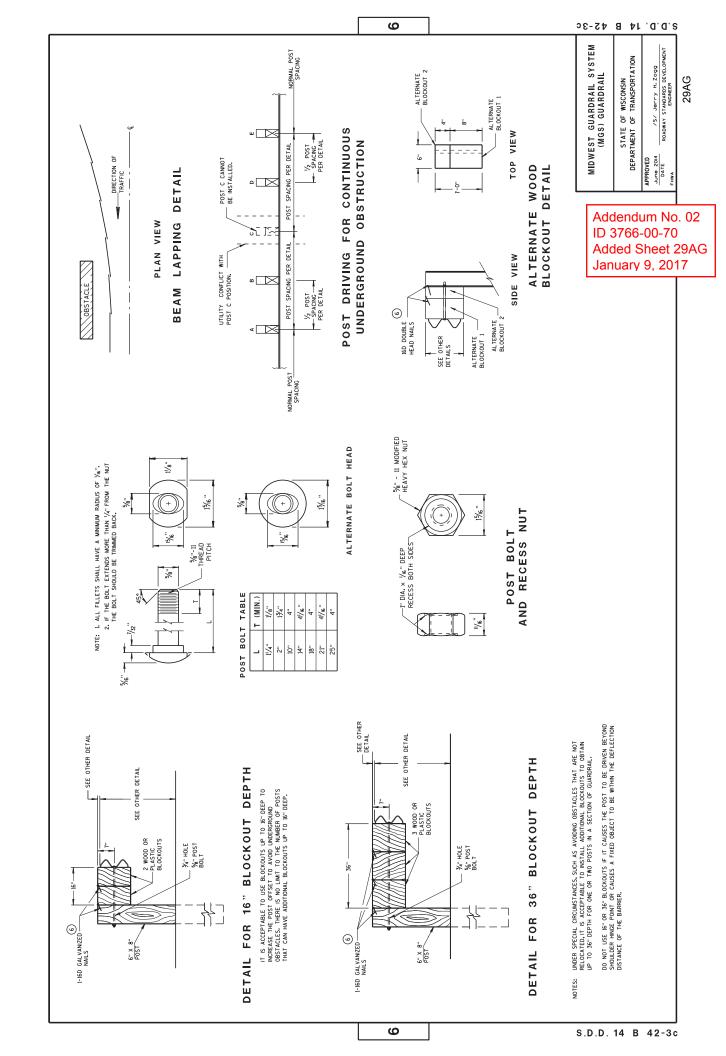


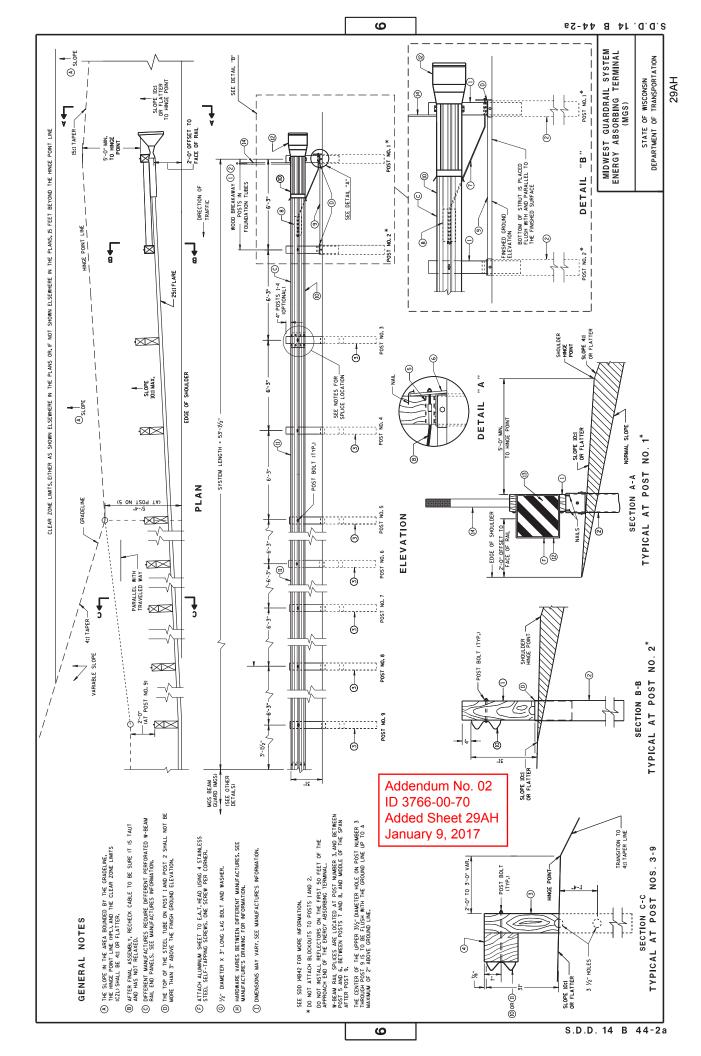


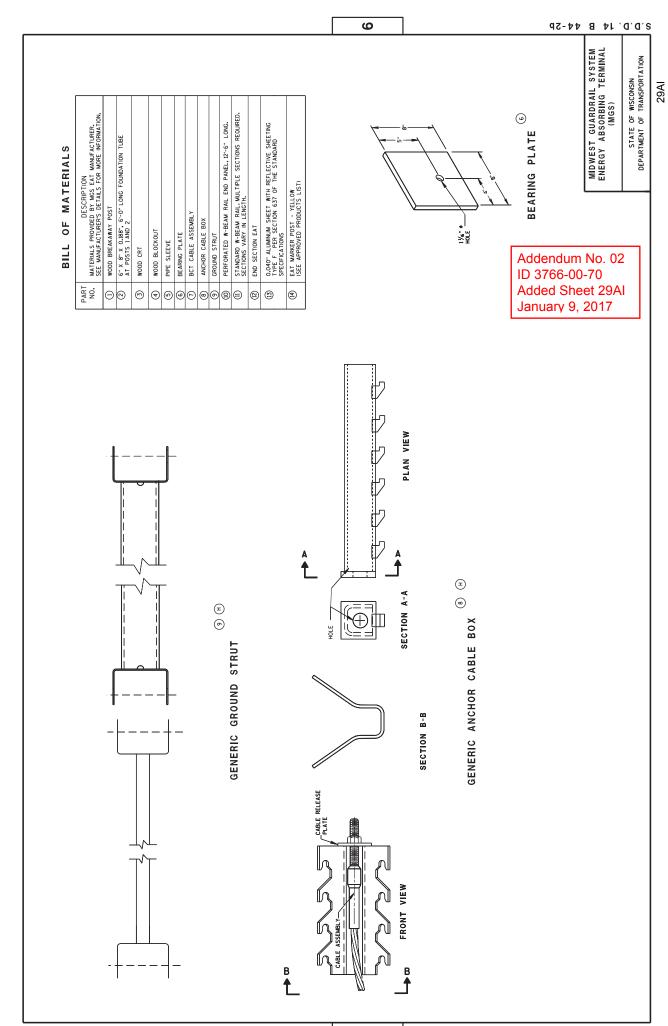


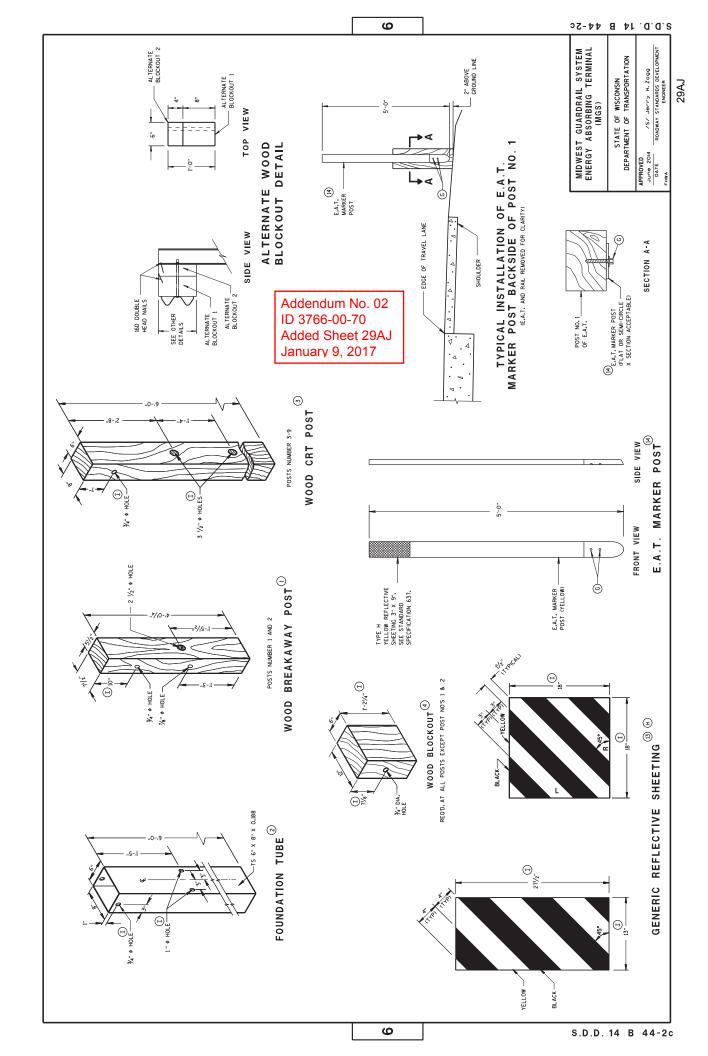


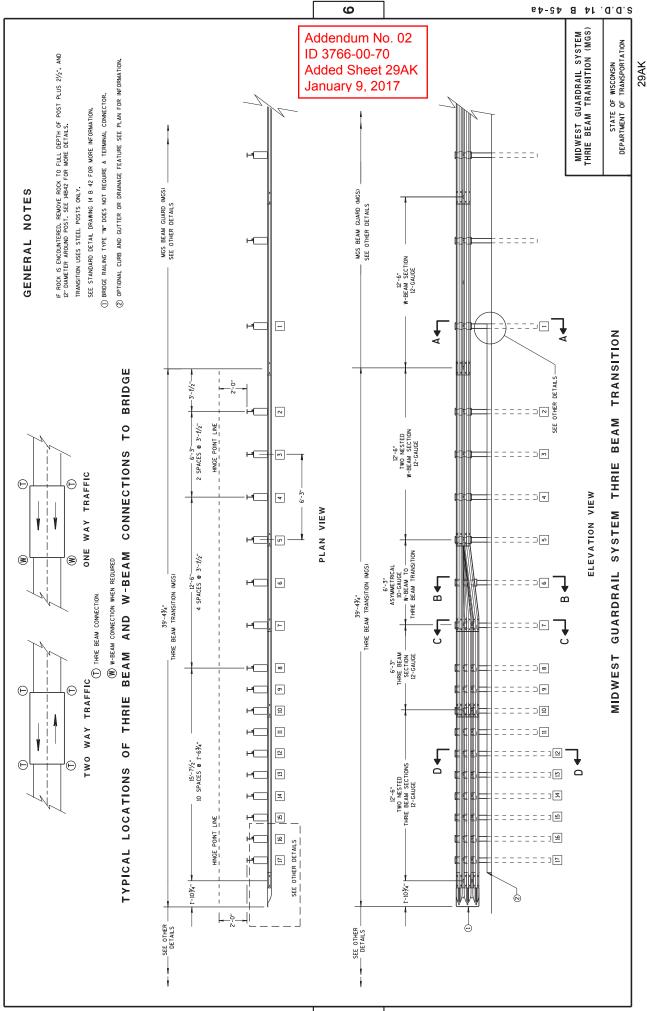


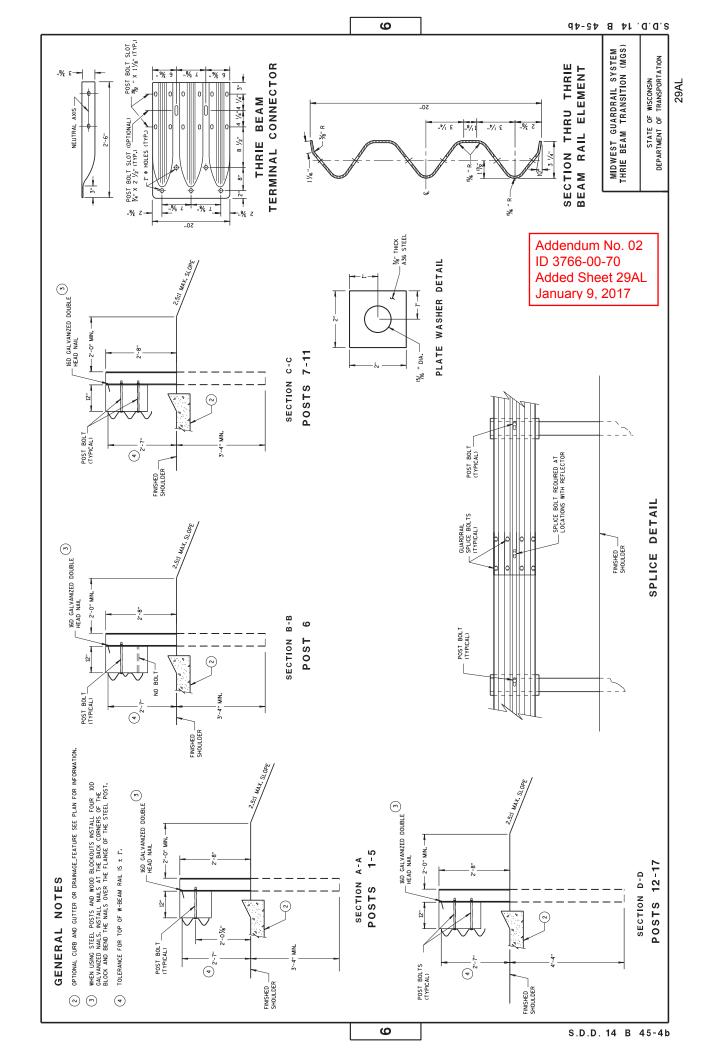


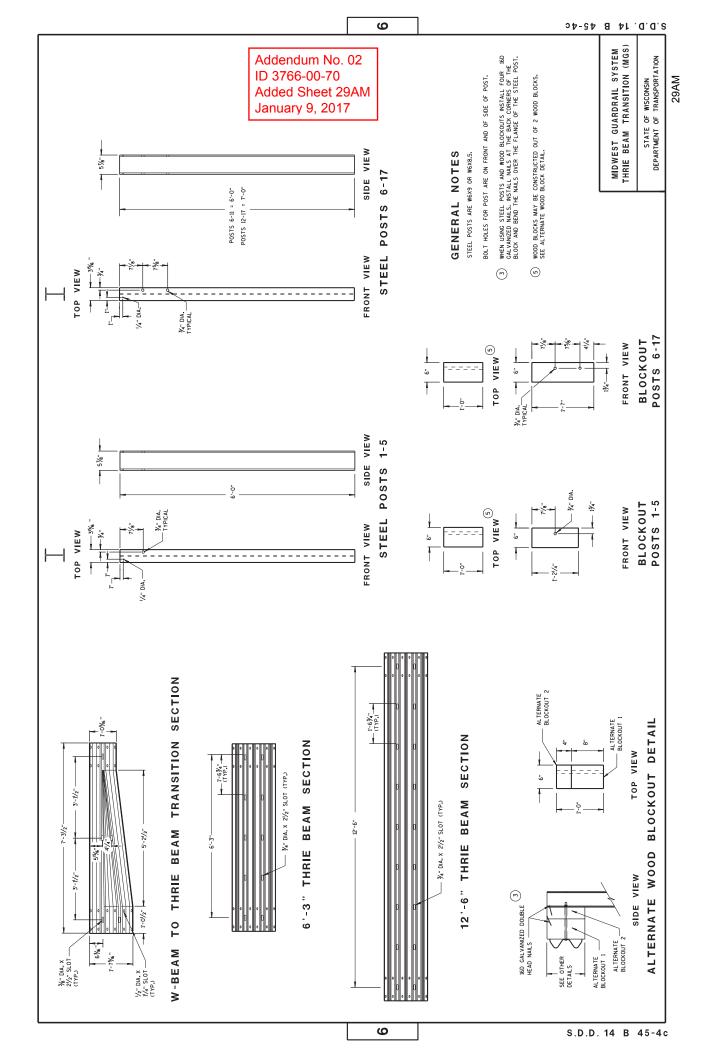


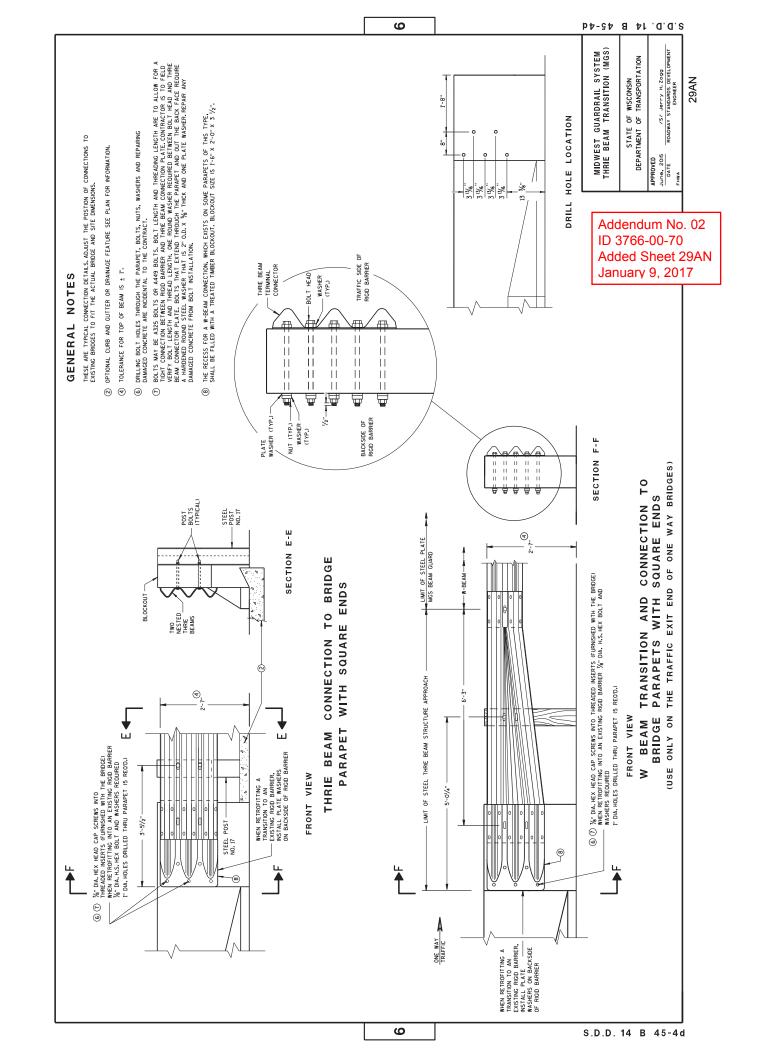


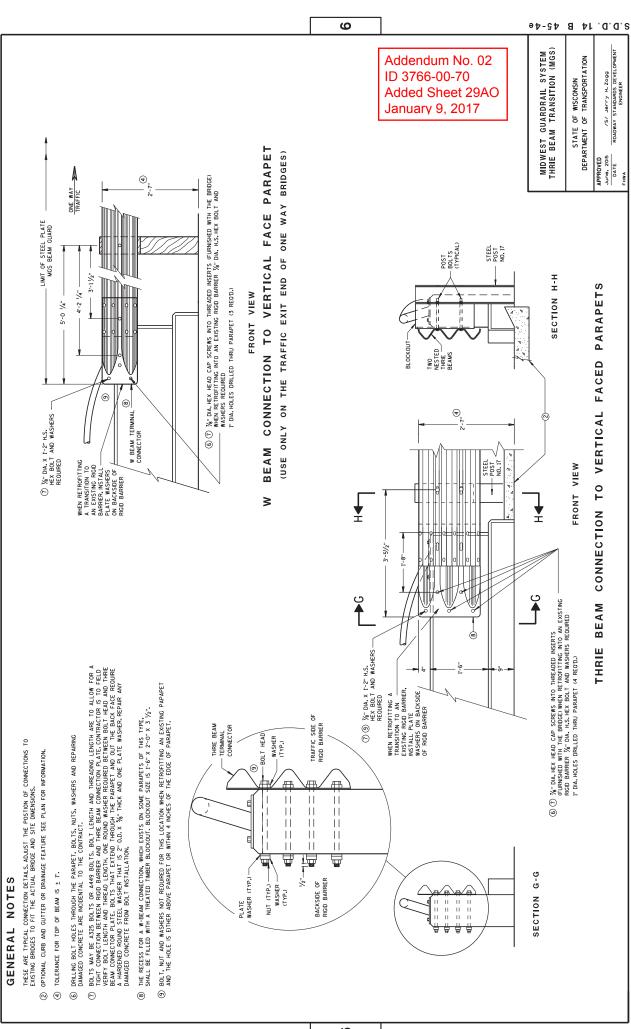




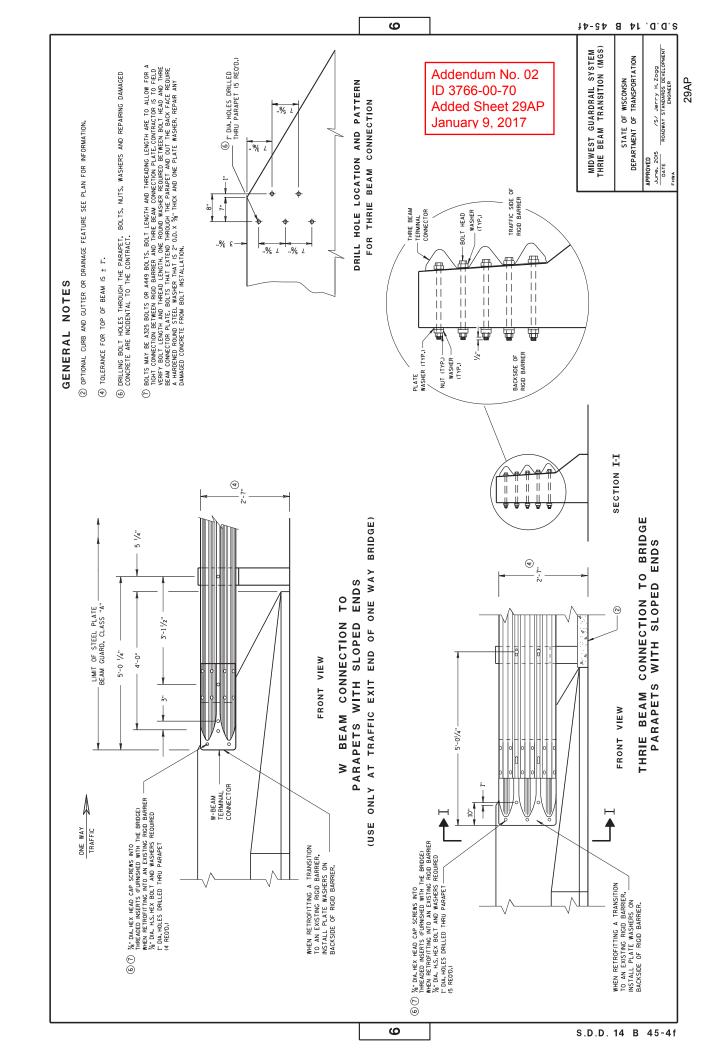


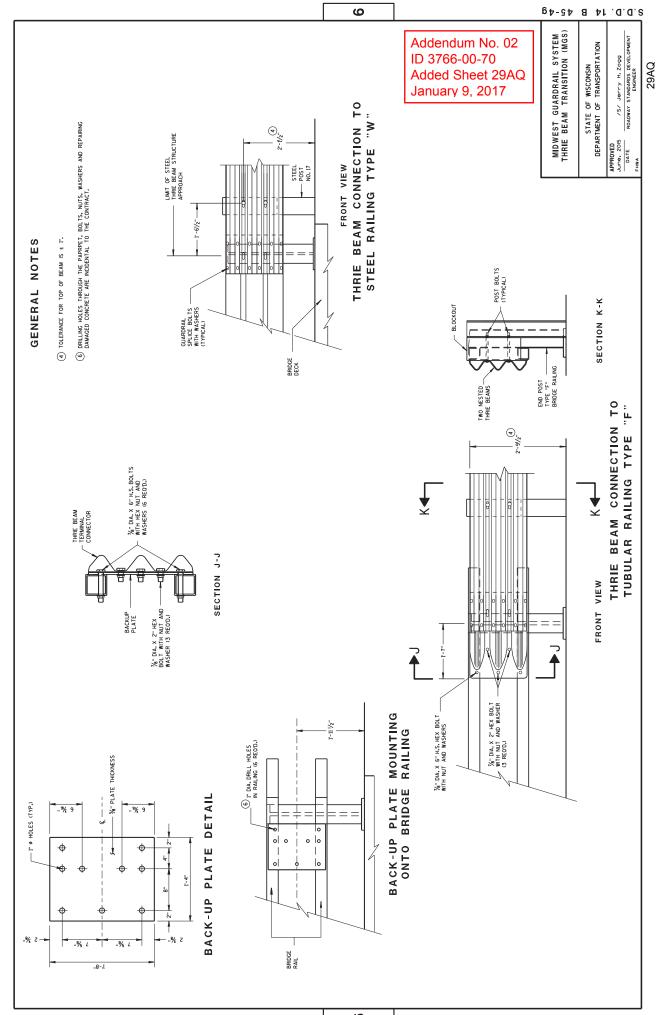


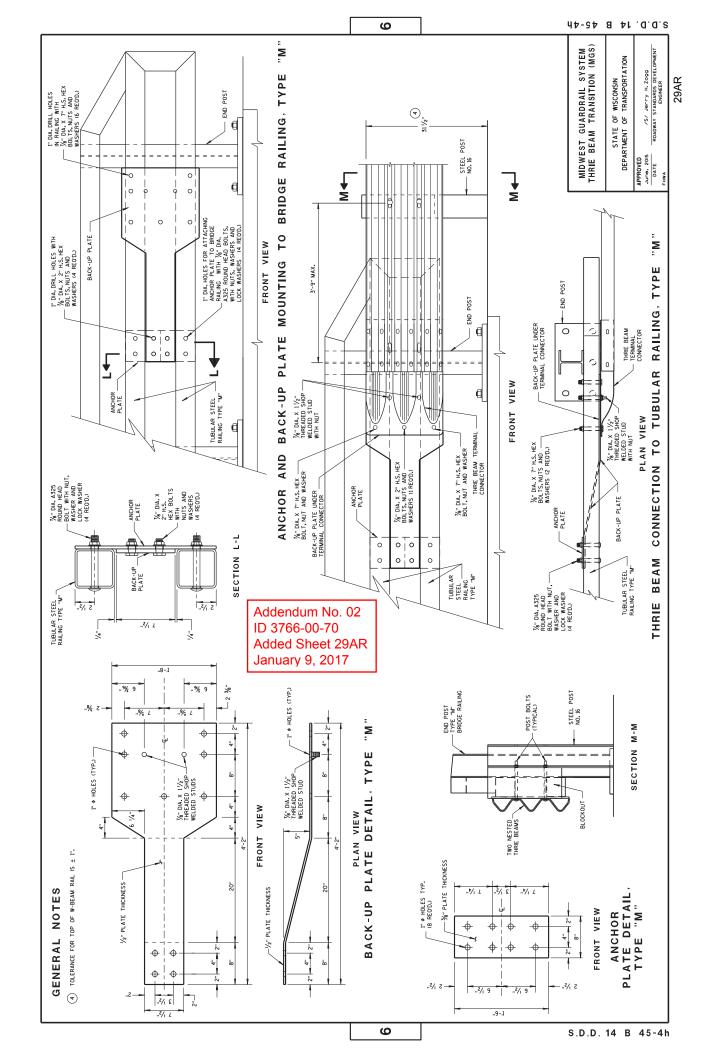


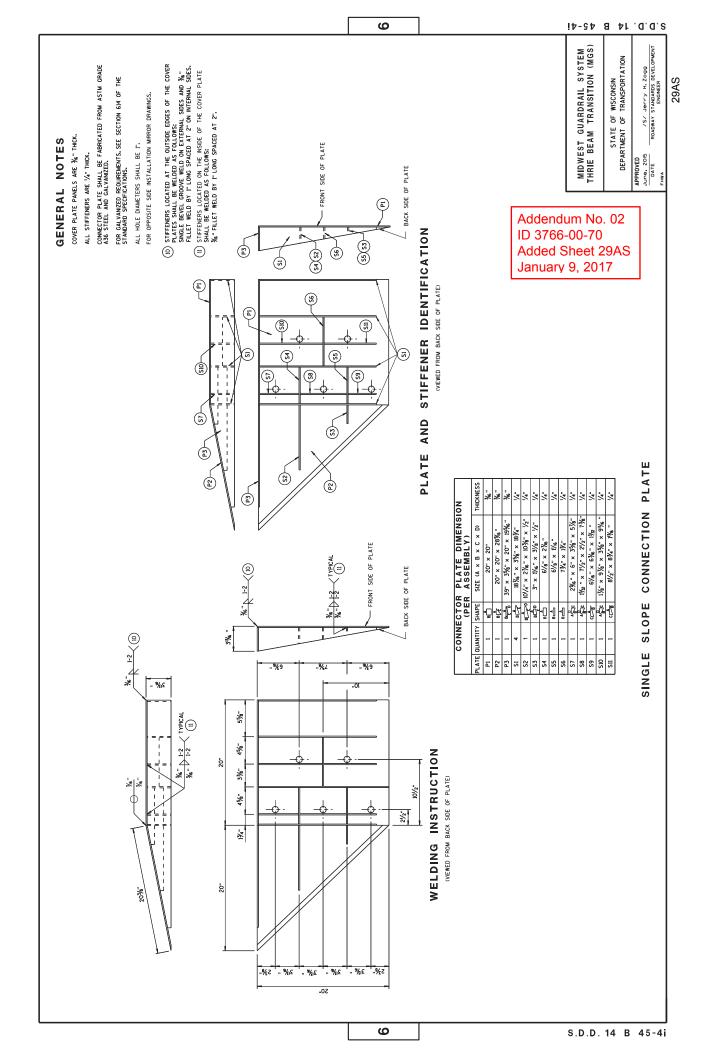


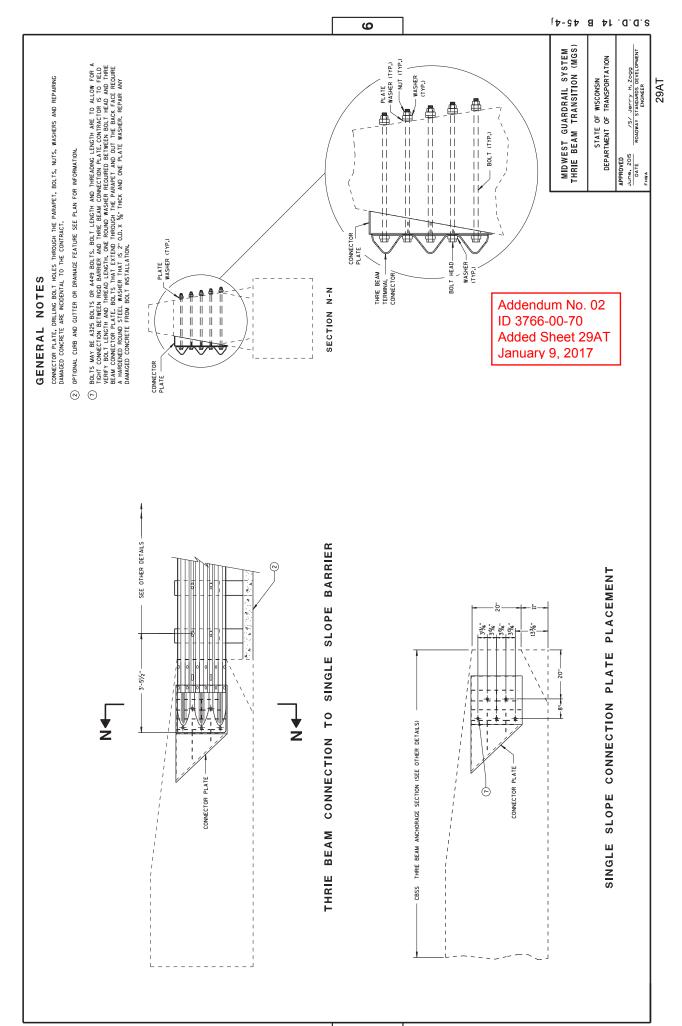
29AO











29AU

/S/ Jerry H. Zogg ROADWAY STANDARDS DEVELOPMENT ENGINEER

APPROVED JUNG. 2015 DATE

Addendum No. 02 ID 3766-00-70 Added Sheet 29AU January 9, 2017

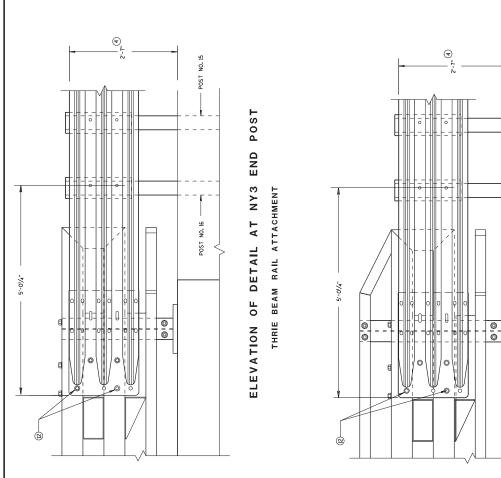
POST NO. 15

NO. 16 POST MIDWEST GUARDRAIL SYSTEM THRIE BEAM TRANSITION (MGS)

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

GENERAL NOTES

- (4) TOLERANCE FOR TOP OF BEAM IS ± 1".
- BOLTS MAY BE 4325 50.15 OR 4449 BOLTS, BOLT LENGTH AND THREDDING LENGTH ARE TO ALLOW FOR A TIGHT CONNECTION BETWEEN ROLD BARRIER AND THREE BEAM CONNECTION FLATE. CONTRACTOR S TO FIELD VERTY BOLT LENGTH AND THREED LENGTH, ONE GOUND WISSHER REQUIRED BETWEEN BOLT HEAD AND THREE BAC OWNECTION FLATE. ON BACKTSIDE OF PARAFET ONE ROUND WASHER, AND NUT REQUIRED. BOLT THREAD IS TO EXTRAD ½-INCH BEROON NUT. (2)



ELEVATION OF DETAIL AT NY4 END POST

THRIE BEAM RAIL ATTACHMENT

