

Sheet No.

	[1.
S: ons: 2002 AASHTO LFD (17th Ed.) tions		D DATED.
ors shall be attached to the top of shall similarly use the delineator i Standard Plan 617.10, except that y shall be attached to the top of		SEALED AND DATED
galvanized anchorage as shown on Plan 606.00. <u>Delineators on bridges</u> way traffic shall have eeting on both sides. Guardrail	DATE PREPARED	ELECTRONICALLY
e considered completely covered by price for Bridge Guardrail (Thrie	7/21/2021 ROUTE STATE	CTRON
hannel members shall be attached minimum of four posts and a maximum pt at end bents).	HO DISTRICT SHEET NO. BR H COUNTY	BEEN ELE
ashers and plates will be ely covered by the contract unit uardrail (Thrie Beam).	 јов NO. Ж	IT HAS
ng bolts and fasteners for posts Il resin anchor bolts, nuts, shall be galvanized after ctive coating and material el railing shall be in accordance	CONTRACT ID. PROJECT NO. BRIDGE NO.	THIS SHEET I
e set perpendicular to roadway tically in cross section and nce with Sec 713 except that the e aligned by the use of ms such that the post deviates not from true horizontal alignment ment. The shims shall placed ut and the thrie beam roil. The hims shall be determined by the ified by the engineer before for this work.	THRIE 4D	A SEAL IS PRESENT ON T
lots in the thrie beam rails and s shall be tightened and backed off the threads shall be burred.	B	H
connection to blockout on wings, tightened and backed off one-half ds shall be burred.		
thrie beam sections is equal to one	DATE	
r button-head, oval shoulder bolt -inch thick hex nut shall be used	TRANSPORTATION N 105 WEST CAPITOL 105 WEST CAPITOL 105 UC 177, MD 65102 11-888-275-6636)	
il on the bridge shall be 12-guage	USPOR WEST 117. М	
gles, bent plates, blockouts, el splice plates shall be TM A709 Grade 36 steel and		
3/4 x 3/16-inch minimum shall be olts between the bolt head and shall be rectangular in shape with slot, or when necessary of such he contour of the beam. Rectangular x 5/8-inch shall be used between he thrie beam rail.	I HIGHWAYS AND COMMISSIO COMMISSIO	
f the thrie beam may be required at rilling details shall be shown on	MI S S OUR	
uctural steel shall be in c 1080.	I W	
in the thrie beam rail shall be first or second post on either and on structure at bridge ends. made at the second post. an II be provided in the thrie beam n to the first post to allow for		
expansion provisions at the expansion splices in the thrie beam el shall be provided at other the maximum length without ns does not exceed 200 feet.		
x 1/16-inch may be used between the d the channel member as required ment.		
be galvanized after fabrication. erify all dimensions in field		
ard Plan 606.00 for details not		
THRIE4d_system4_optional.dgn 8:06	:29 AM 7/21/2021]