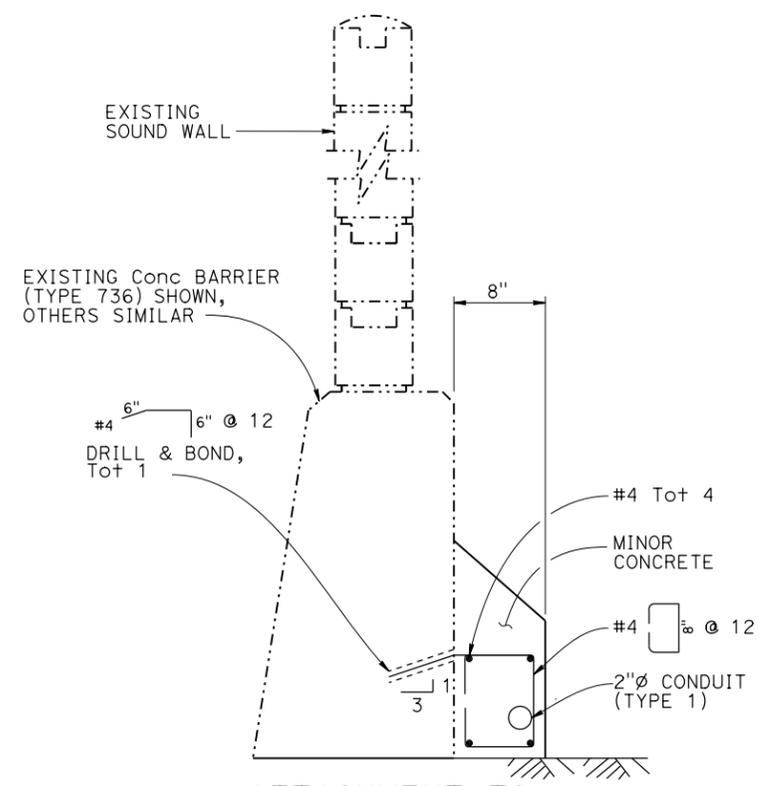
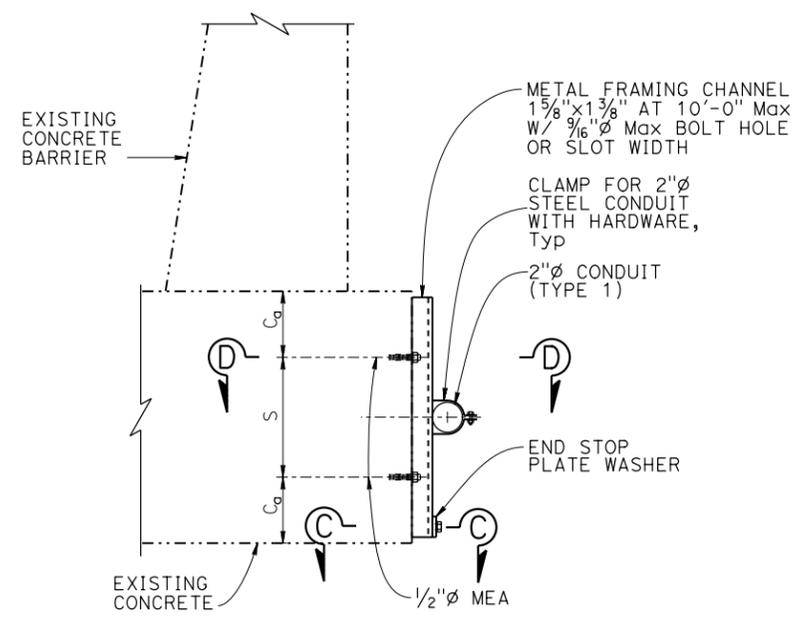


Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
				X	
REGISTERED CIVIL ENGINEER				DATE	
PLANS APPROVAL DATE					
<small>THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.</small>					
<small>THE REGISTERED CIVIL ENGINEER FOR THE PROJECT IS RESPONSIBLE FOR THE SELECTION AND PROPER APPLICATION OF THE COMPONENT DESIGN AND ANY MODIFICATIONS SHOWN.</small>					

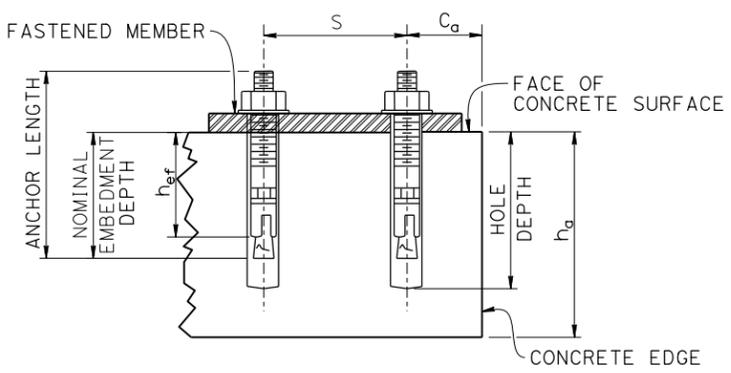
LEGEND:  
 ----- Existing Structure  
 MEA - Mechanical Expansion Anchor



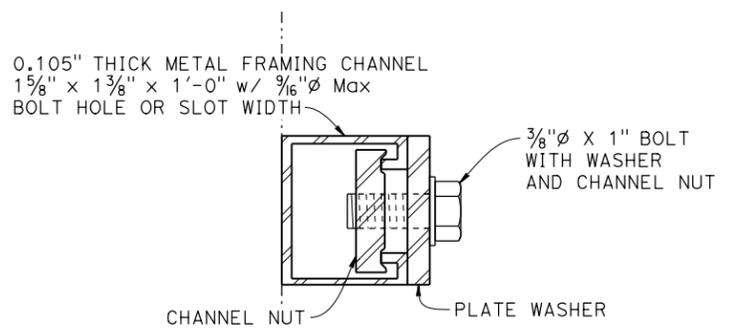
**ATTACHMENT TO SOUND WALL ON BARRIER**  
NO SCALE



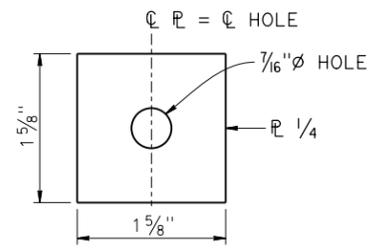
**ATTACHMENT TO SLAB OR CULVERT DETAIL**  
NO SCALE



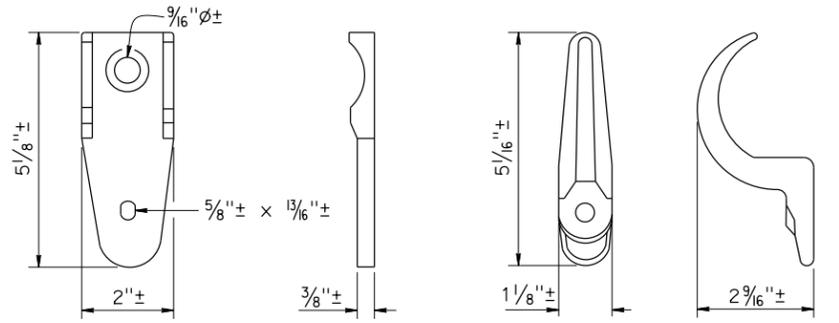
**TYPICAL STUD TYPE (WEDGE)**  
**STUD MEA**  
NO SCALE



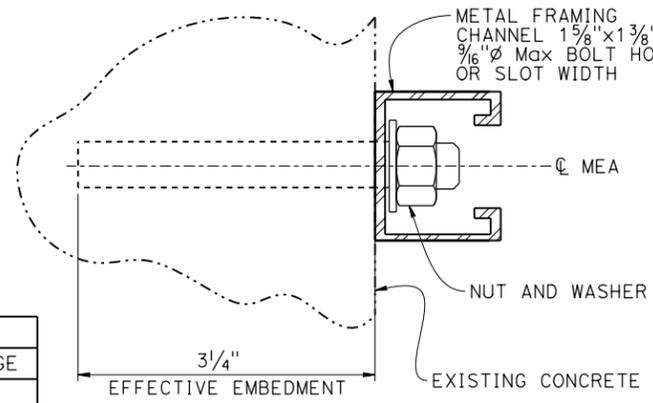
**SECTION C-C**  
NO SCALE



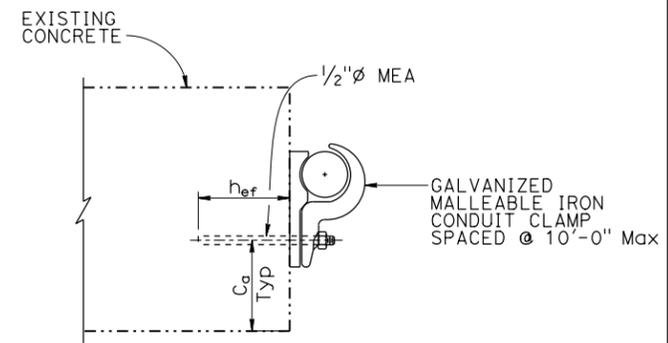
**PLATE WASHER**  
NO SCALE



**2" CLAMP BACK**  
**2" CONDUIT CLAMP**  
**CONDUIT CLAMP DETAIL**  
NO SCALE



**SECTION D-D**  
NO SCALE



**ATTACHMENT TO SLAB OR CULVERT DETAIL**  
NO SCALE

Anchor Diameter (in)	Minimum Effective Embedment h <sub>ef</sub> (in)	Minimum Concrete Thickness h <sub>a</sub> (in)	Minimum Edge Distance C <sub>a</sub> (in)	Minimum Anchor Spacing S (in)
1/2*	2	6	4	6
	3/4	6	4	4

\* = Alternative embedment depths for 1/2" anchor.

INSTALLATION PERIOD	% OF MAXIMUM EXPANSION RANGE
December to February	80%
March to May and September to November	50%
June to August	20%

<b>xs20-015-4</b> FILE NO.	AUGUST 2023 APPROVAL DATE	The components of the Bridge Standard Details have been prepared under the responsible charge of the Technical Owner, a registered civil engineer in the State of California.
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STATE OF CALIFORNIA  
 DEPARTMENT OF TRANSPORTATION  
 DIVISION OF ENGINEERING SERVICES

BRIDGE No. XX-XXXX	COMMUNICATION CONDUIT (Exist CONCRETE)
POST MILE X.X	