

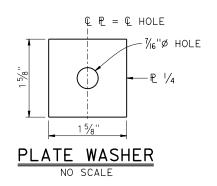
TYPICAL STUD TYPE (WEDGE)

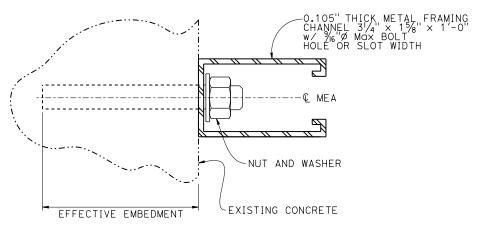
STUD MEA

ATTACHMENT TO SLAB OR CULVERT DETAIL

NO SCALE

NOTE: For "EXPANSION FITTING PLAN", see
"COMMUNICATION CONDUIT AI+ (ATTACHMENT
DETAILS)" sheet.





SECTION D-D

CONCRETE ANCHORAGE REQUIREMENTS						
Anchor Diameter (in)	Minimum Effective Embedment h _{ef} (in)	Minimum Concrete Thickness h _a (in)	Minimum Edge Distance C _a (in)	Minimum Anchor Spacing S (in)		
1/2	31/4	6	4	4		

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

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
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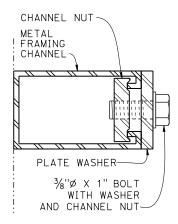
NOTES:

- 1. All attachments to any structure must remain within State Right-of-Way. To avoid encroachment outside of State Right-of-Way, refer to ROADWAY PLANS.
- For vault locations and other details not shown, see ROADWAY PLANS.
- 3. Type 1 conduit continues to vault near bridge or culvert.
- 4. All mounting hardware used shall be protected from corrosion.

LEGEND:

---- Existing Structure

MEA - Mechanical Expansion Anchor



SECTION C-C

BRIDGE STANDARD DETAILS			STATE OF	DIVIDION OF	BRIDGE No.			
xs20-020-4	The components of the Bridge Standard Details have been prepared under the responsible charge of the Technical Owner,		CALIFORNIA	DIVISION OF ENGINEERING SERVICES	POST MILE			
FILE NO.	a registered civil engineer in the State of California		DEPARTMENT OF TRANSPORTATION	ENGINEERING SERVICES	X.X	COMMUNICA	TION CONDUIT	Alt (Exist CONCRETE)
Refer to: http://www.do	t ca gov/ba/esc/technubs/manual/	DATE PLOTTED => 8-JUN-2023 TIME PLOTTED => 11:56 ORIGINAL	SCALE	UNIT: XXXX	C	COUNTY/ROUTE: XXX/XXX	DISREGARD PRINTS BEARING	REVISION DATES SHEET OF

Refer to: http://www.dot.ca.gov/hq/esc/techpubs/manual/
bridgemanuals/bridge-standard-detail-sheets/index.html

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