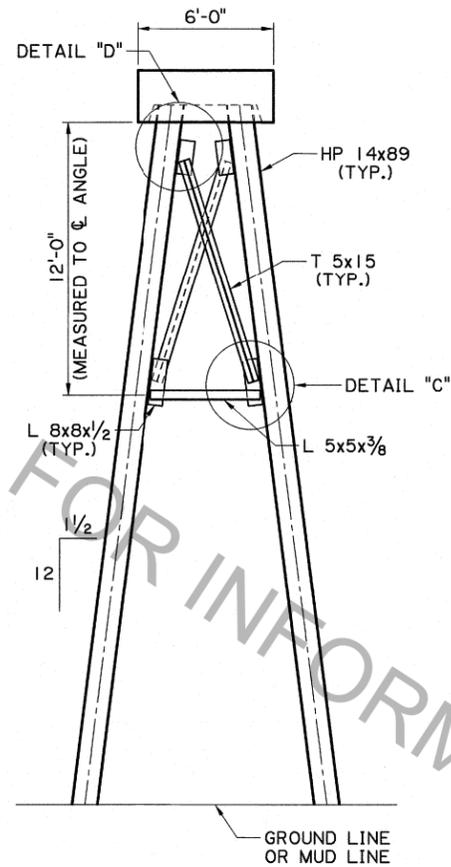
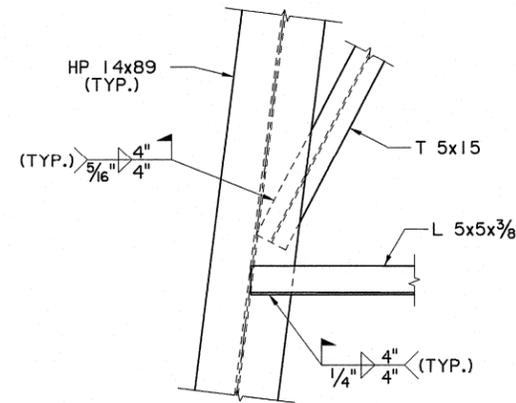


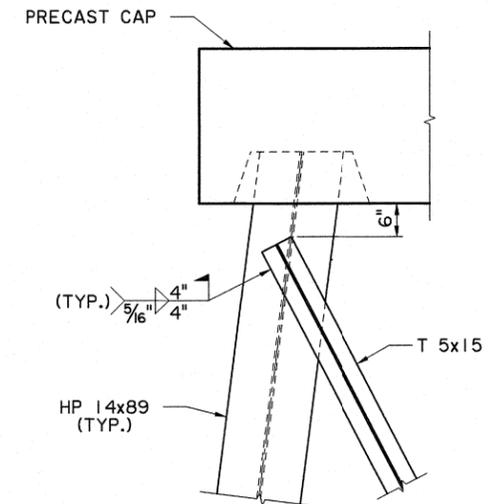
CASE 2
SHOWING BRACING PERPENDICULAR
TO ϕ BRIDGE (LOOKING UP STATION)



CASE 2
SHOWING BRACING PARALLEL
TO ϕ BRIDGE (LOOKING IN ELEVATION)



DETAIL "A"



DETAIL "B"

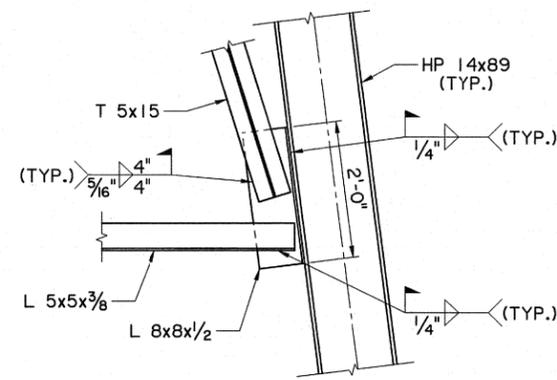
NOTES:

A PL 1/2" MAY BE USED IN LIEU OF THE L 8x8x1/2. SIZE AND LENGTH OF WELD SHALL BE THE SAME AS DETAILED FOR THE L 8x8x1/2.

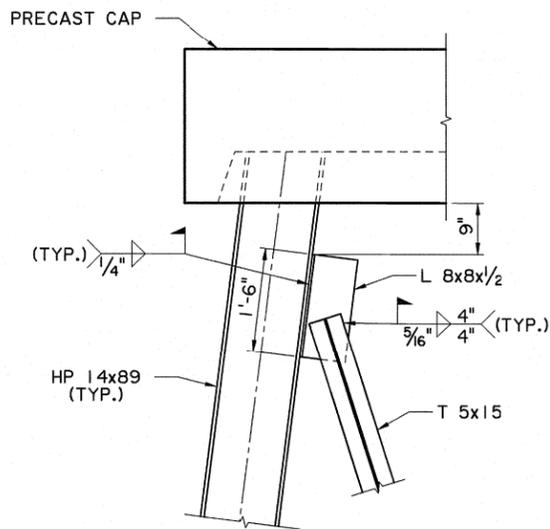
L 8x8x1/2 IS NOT REQUIRED FOR PIPE PILES. SEE EXAMPLE DETAIL FOR SWAY BRACING CONNECTIONS TO PIPE PILES.

ANGLES AND WT MEMBERS SHALL BE CUT TO FIT.

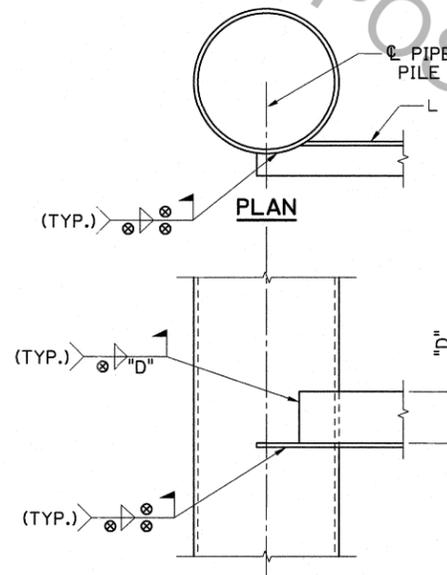
SWAY BRACING SHALL CONFORM TO ASTM A709 GRADE 50.



DETAIL "C"



DETAIL "D"



EXAMPLE DETAIL
CONNECTION OF ANGLE MEMBER
TO PIPE PILE

⊗ WHEN PIPE PILES ARE USED IN LIEU OF H-PILES, THE "WT" AND ANGLE MEMBERS SHALL BE CUT SO THAT THEY FIT FLUSH WITH THE PILES PRIOR TO WELDING. THE MINIMUM WELD SIZE AND LENGTH FOR THE CONNECTION OF THESE MEMBERS TO THE PILES SHALL BE AS DETAILED FOR THE H-PILE CONNECTIONS.



SHEET NUMBER		PARISH		CONTROL SECTION		STATE PROJECT	
DESIGNED	J. PELTIER	CHECKED	M. HEBERT	REVIEWED	K. BRAUNER	SERIES #	12 OF 13
DATE		NO.		DATE		NO.	
REVISION OR CHANGE ORDER DESCRIPTION							
BY							
BRIDGE & STRUCTURAL DESIGN							

SWAY BRACING DETAILS

BD-2.B-2.0-12 STEEL PANEL DETOUR BRIDGE