

Origination Form
 Proposed Revisions to a Standard Plans Index

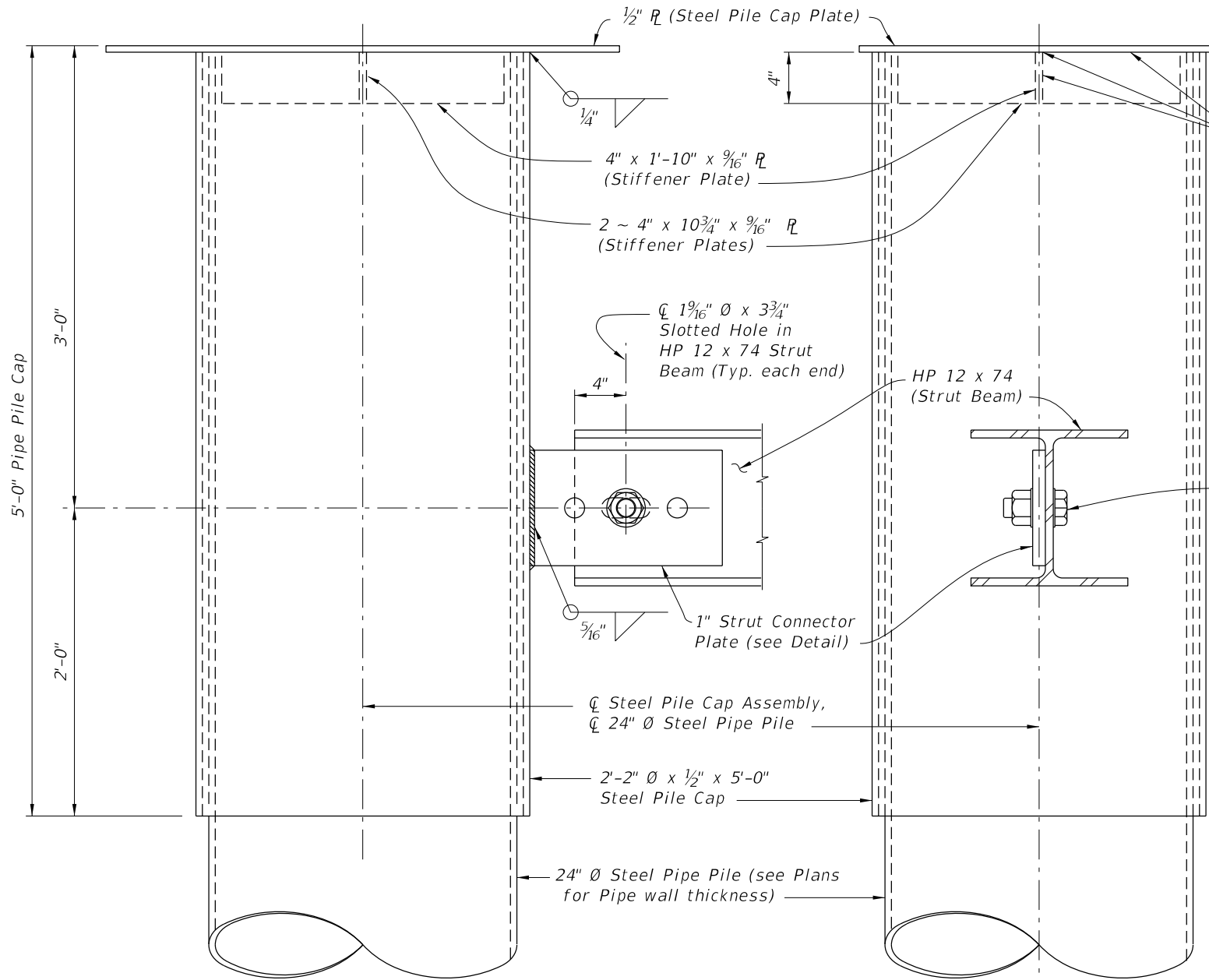
Originator:	Turley, Joshua	Index Number:	102-230
Date:	5/15/2025	Sheet Number(s):	All Sheets
E-mail:	Joshua.Turley@dot.state.fl.us	Index Title:	TEMPORARY DETOUR BRIDGE STEEL PIPE PILE FOUNDATIONS

Summary of the changes:
 Changed the Title of the index from "Foundations" to "Backwall Bent"

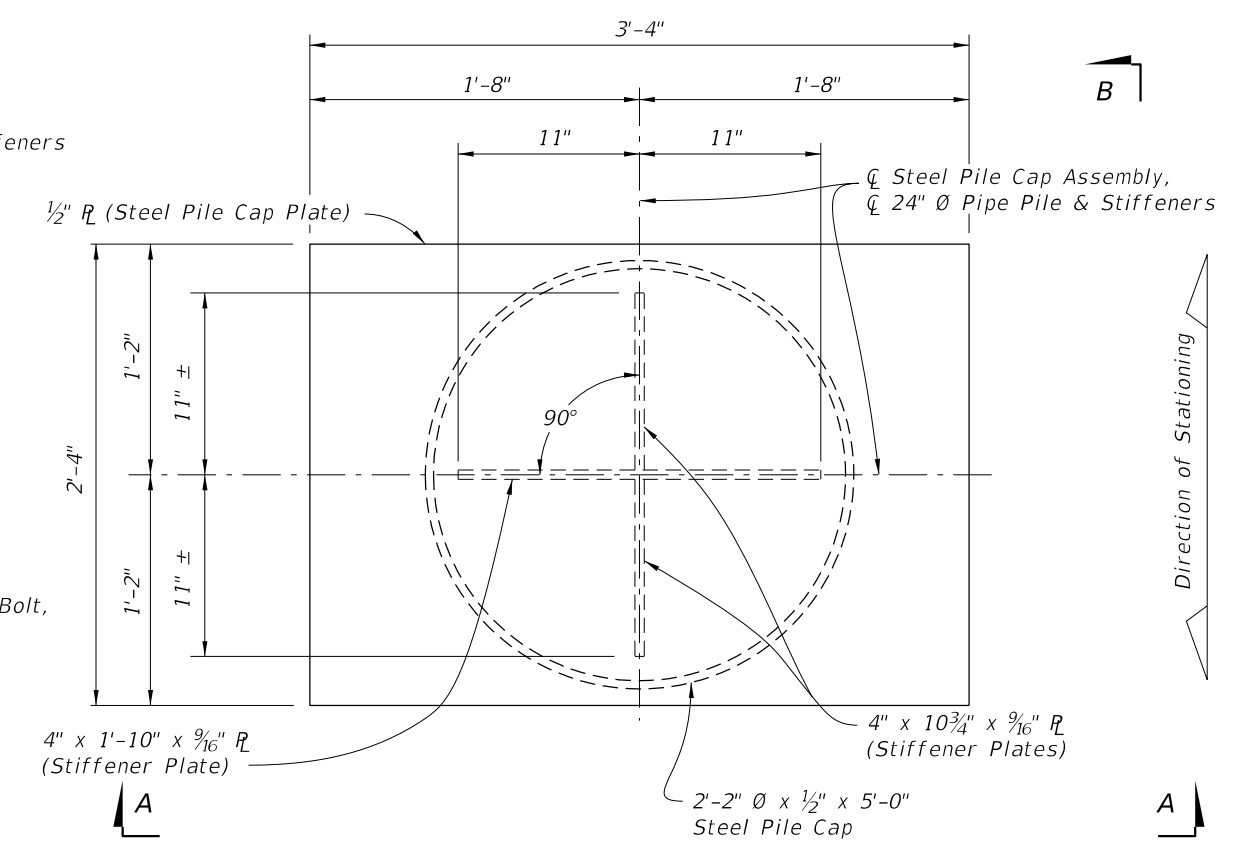
Commentary/Background:
 All: Updating sheet title to reflect the more precise terminology

Other Affected Documents/Offices	Person Contacted	Affected (Yes/No)
Other Standard Plans		No
FDOT Design Manual		No
Standard Specifications		No
Basis of Estimates Manual		No
Approved Product List		No
Construction Office		No
Maintenance Office		No

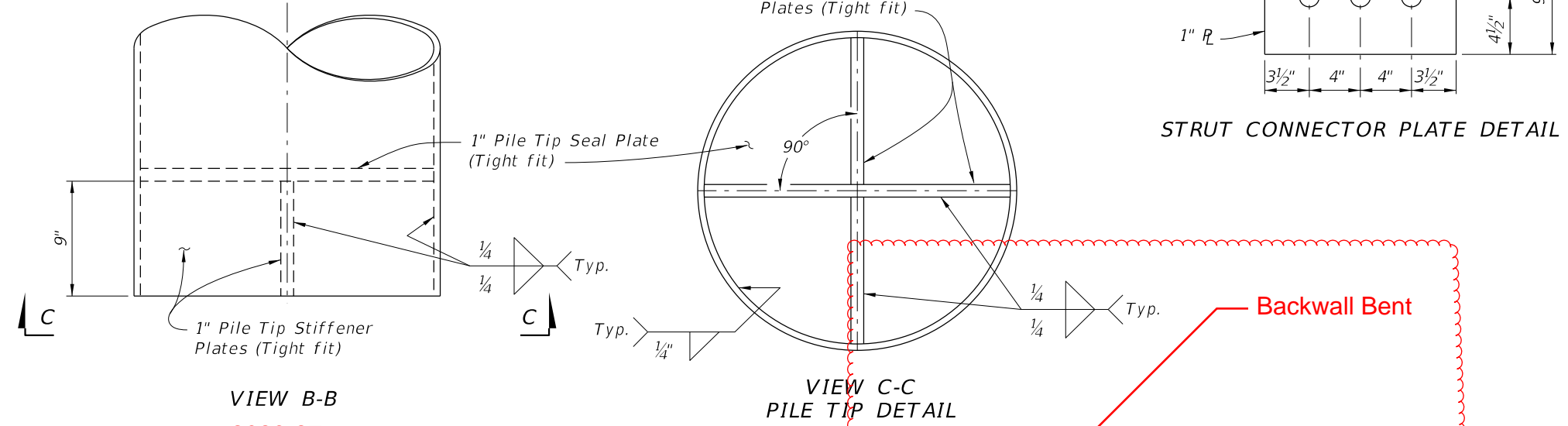
Implementation
 ["FY-Standard Plans (Next Release)"]



PARTIAL VIEW A-A



PLAN VIEW STEEL PILE CAP ASSEMBLY
(Bearing Plates and Bearing Keeper Bars not show for clarity)

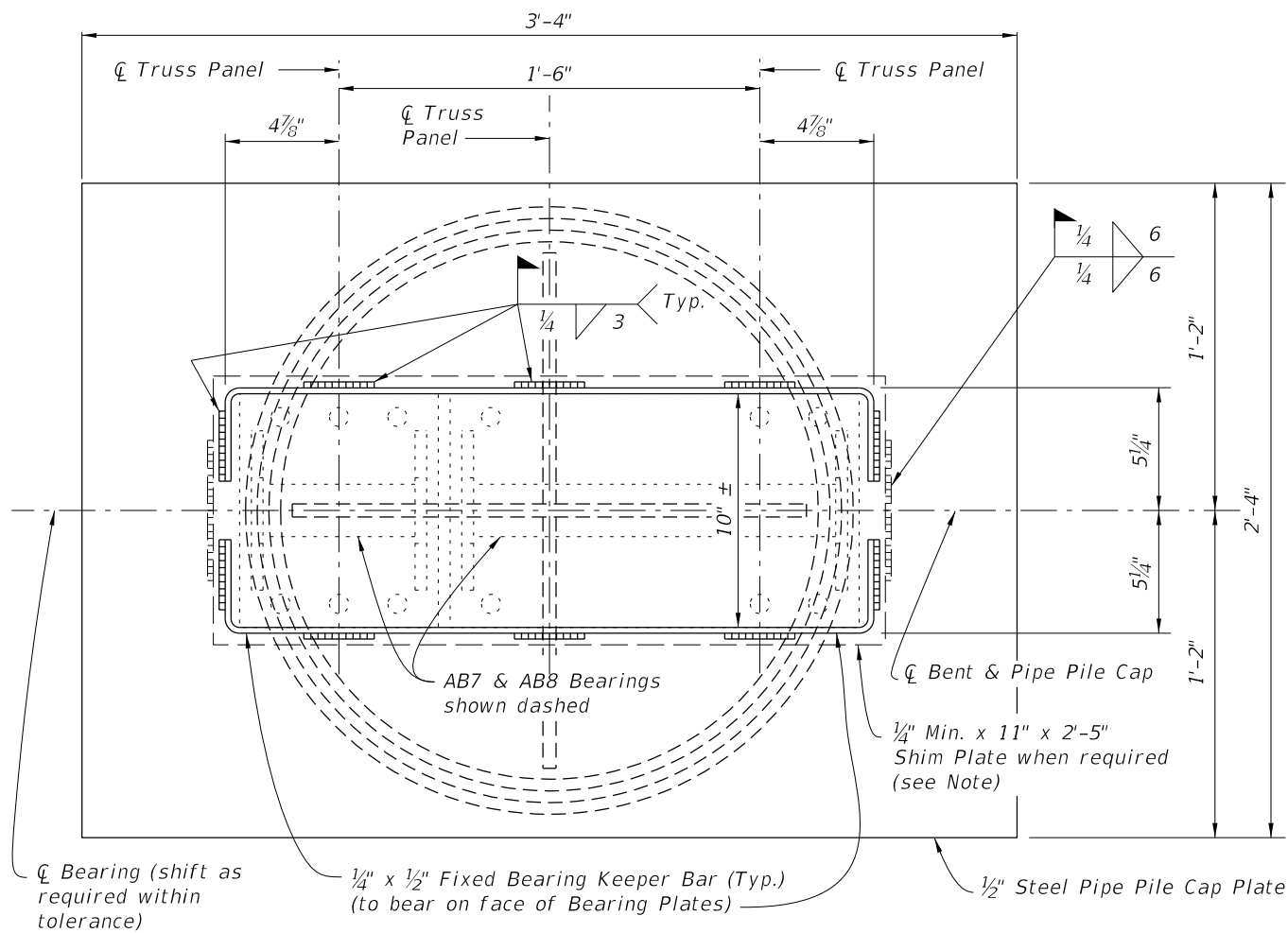


VIEW B-B
2026-27

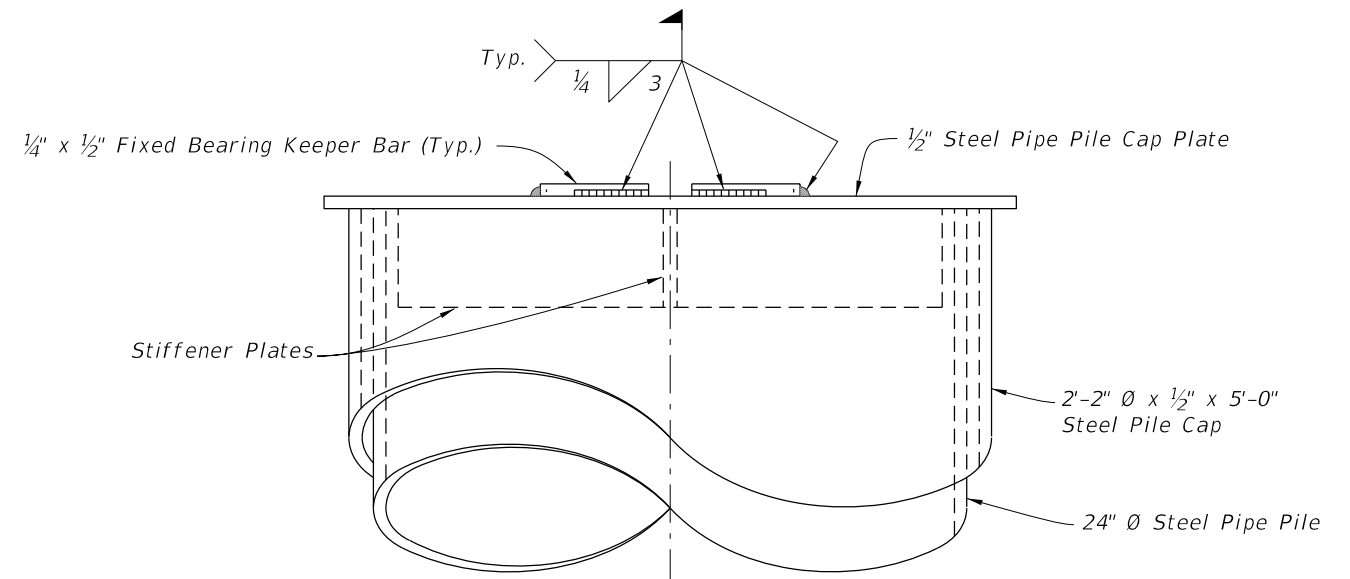
VIEW C-C
PILE TIP DETAIL

10/17/2024 8:02:56 AM

LAST REVISION 07/01/15 11/01/25	REVISION	DESCRIPTION:	FDOT	FY 2025-26 STANDARD PLANS	TEMPORARY DETOUR BRIDGE DETAILS STEEL PIPE PILE FOUNDATIONS	INDEX 102-230	SHEET 1 of 3
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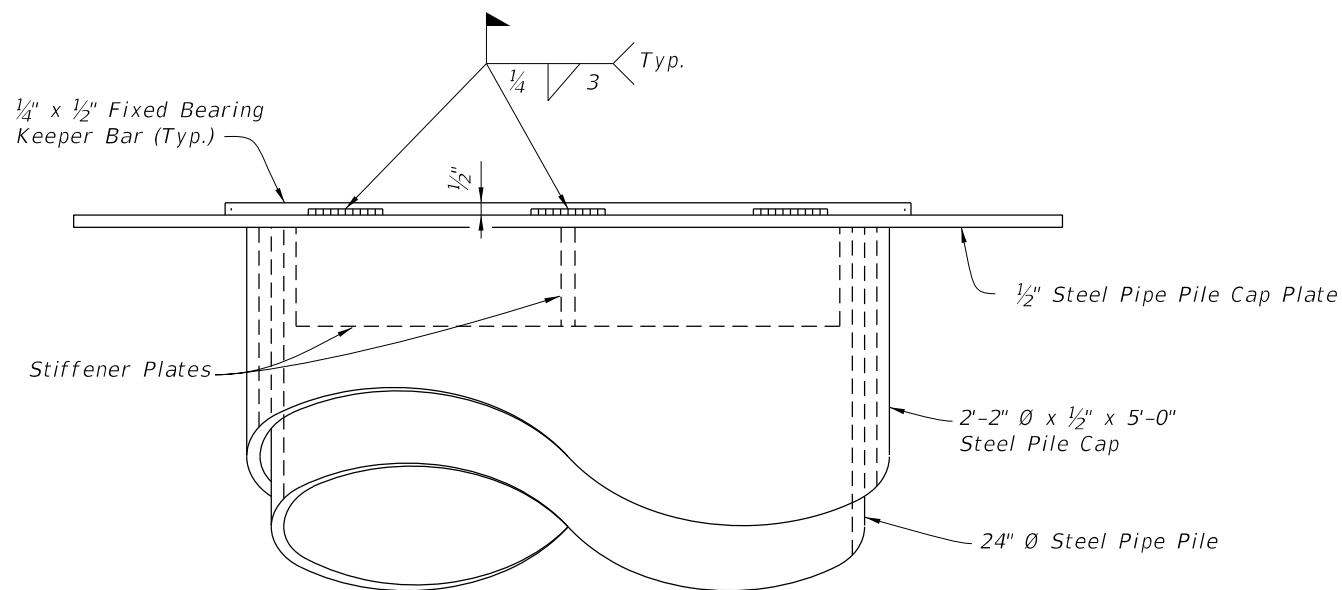


PARTIAL PLAN VIEW

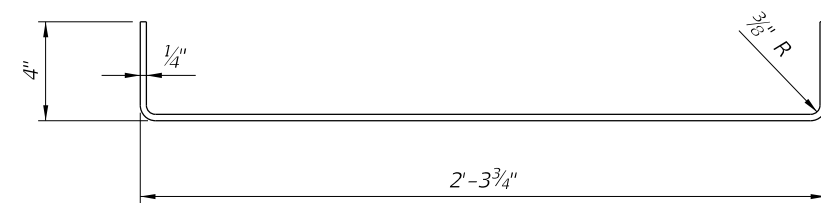


END VIEW

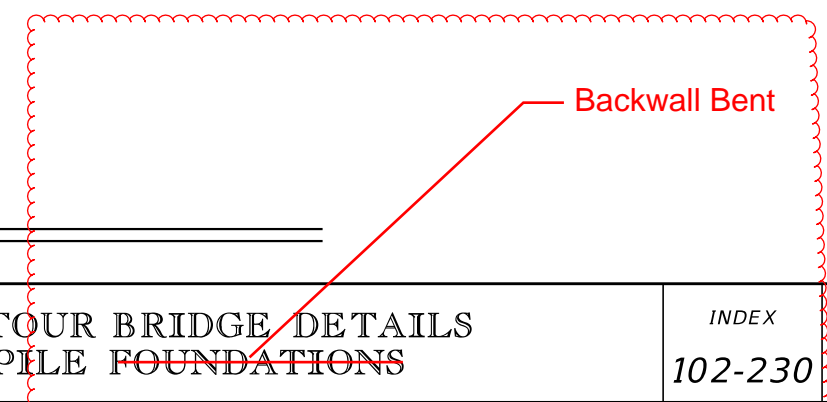
Note:
Use Shim Plates as required to provide equal bearing seat elevations across the bent. Vary thickness of Shim Plate across the pile cap plate to provide a level bearing area in the transverse direction.



PARTIAL ELEVATION VIEW



FIXED BEARING KEEPER BAR DETAIL



FIXED BEARING DETAILS
2026-27

10/17/2024 8:03:05 AM

LAST REVISION	REVISION	DESCRIPTION:
01/01/16		
11/01/25		

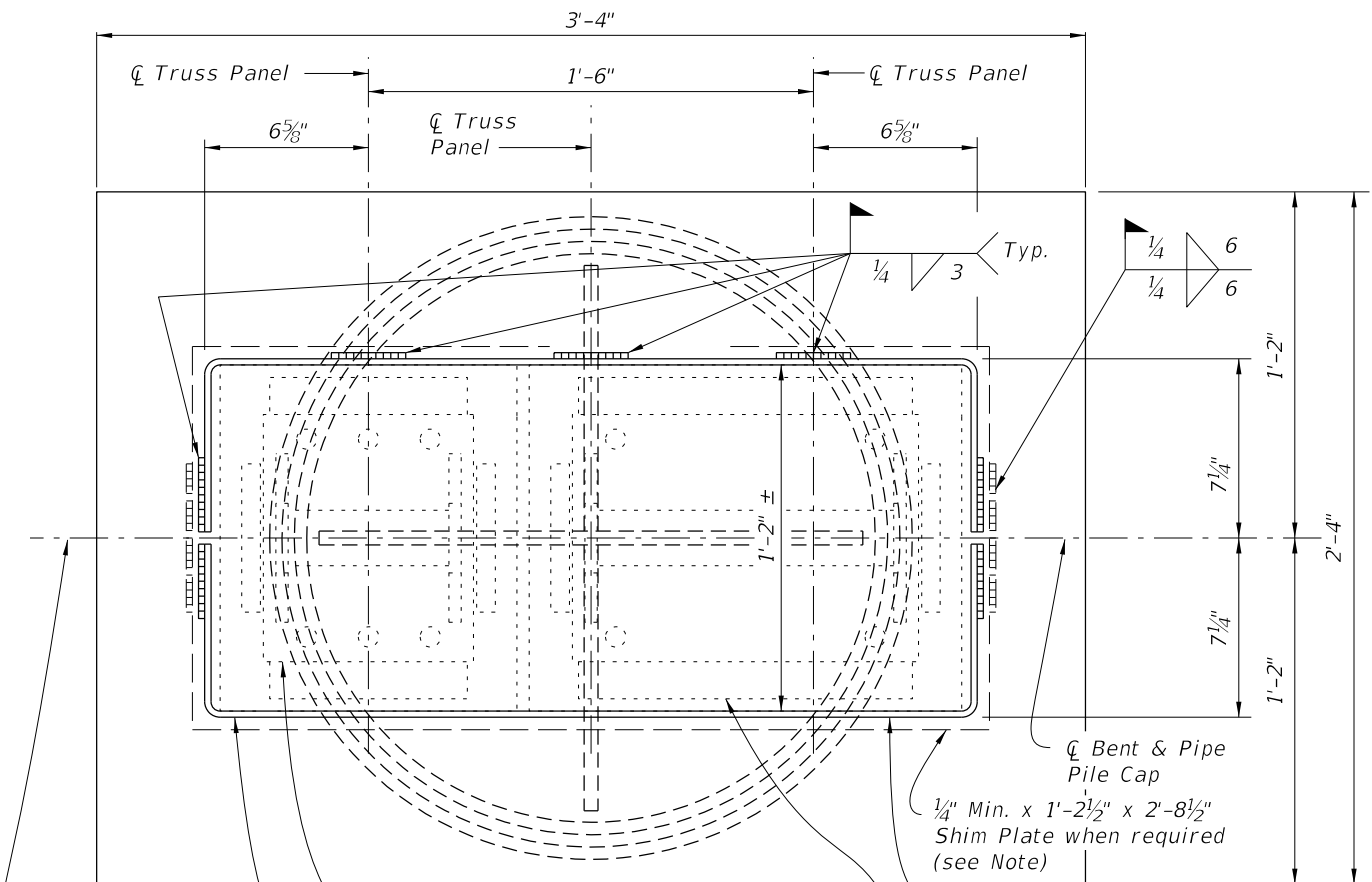


FY ~~2025-26~~
STANDARD PLANS

TEMPORARY DETOUR BRIDGE DETAILS
STEEL PIPE PILE FOUNDATIONS

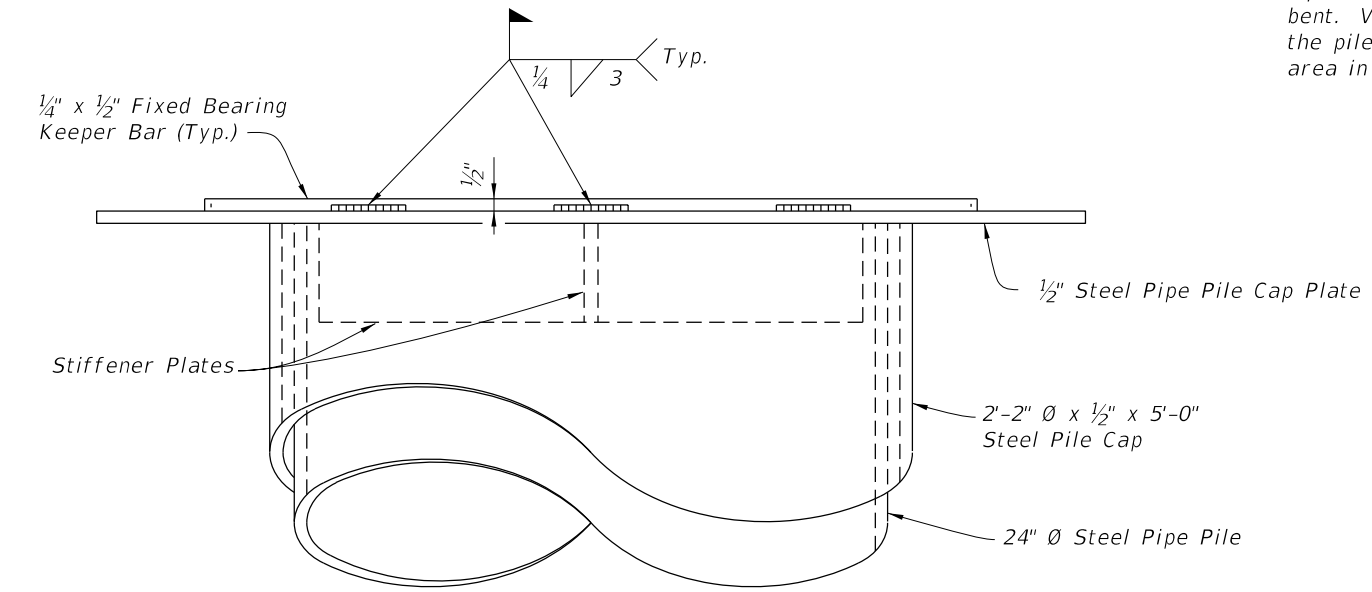
INDEX
102-230

SHEET
2 of 3

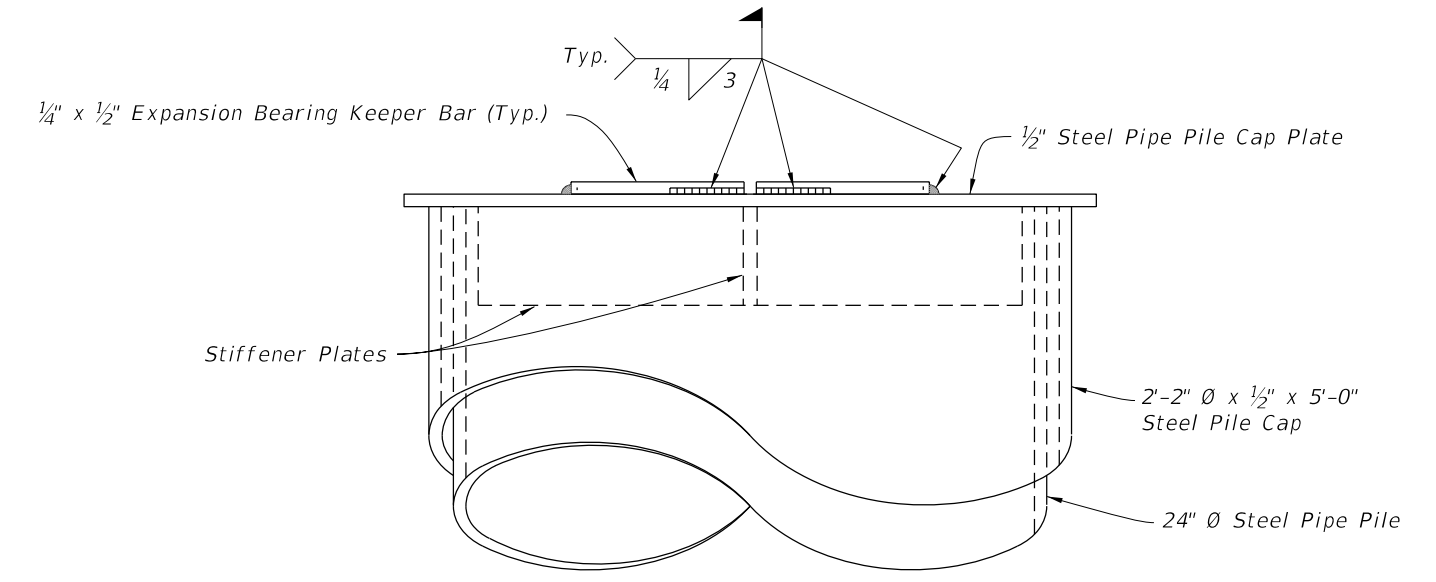


ϕ Bearing (shift as required within tolerance)
 Expansion Bearing Assemblies shown dashed
 $\frac{1}{4}$ " x $\frac{1}{2}$ " Expansion Bearing Keeper Bar (Typ.) (to bear on face of Bearing Plates)
 $\frac{1}{2}$ " Steel Pipe Pile Cap Plate
 $\frac{1}{4}$ " Min. x 1'-2 $\frac{1}{2}$ " x 2'-8 $\frac{1}{2}$ " Shim Plate when required (see Note)

PARTIAL PLAN VIEW

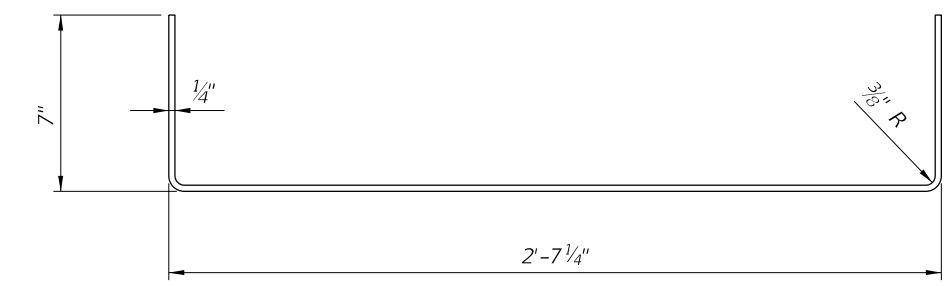


PARTIAL ELEVATION VIEW

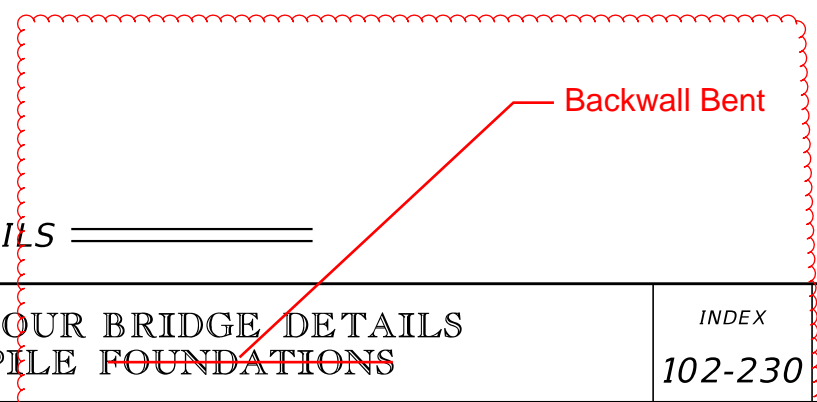


END VIEW

Note:
 Use Shim Plates as required to provide equal bearing seat elevations across the bent. Vary thickness of Shim Plate across the pile cap plate to provide a level bearing area in the transverse direction.



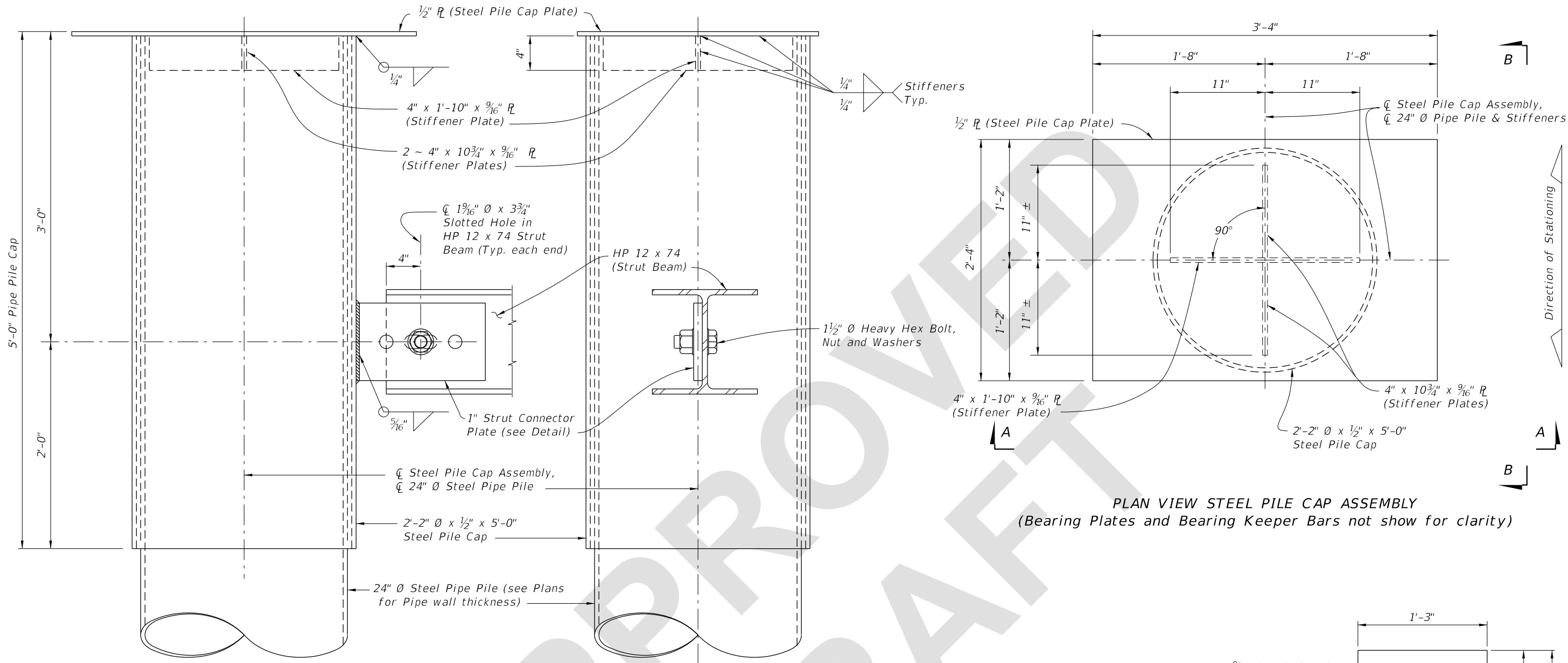
EXPANSION BEARING KEEPER BAR DETAIL



ABUTMENT AND INTERMEDIATE EXPANSION BEARING DETAILS
 2026-27

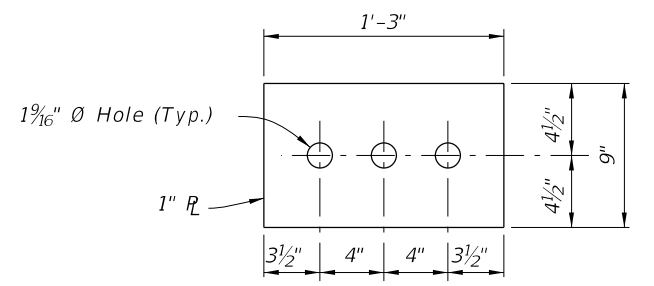
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LAST REVISION	DESCRIPTION:		FY 2025-26 STANDARD PLANS	TEMPORARY DETOUR BRIDGE DETAILS STEEL PIPE PILE FOUNDATIONS	INDEX	SHEET
01/01/16 11/01/25					102-230	3 of 3

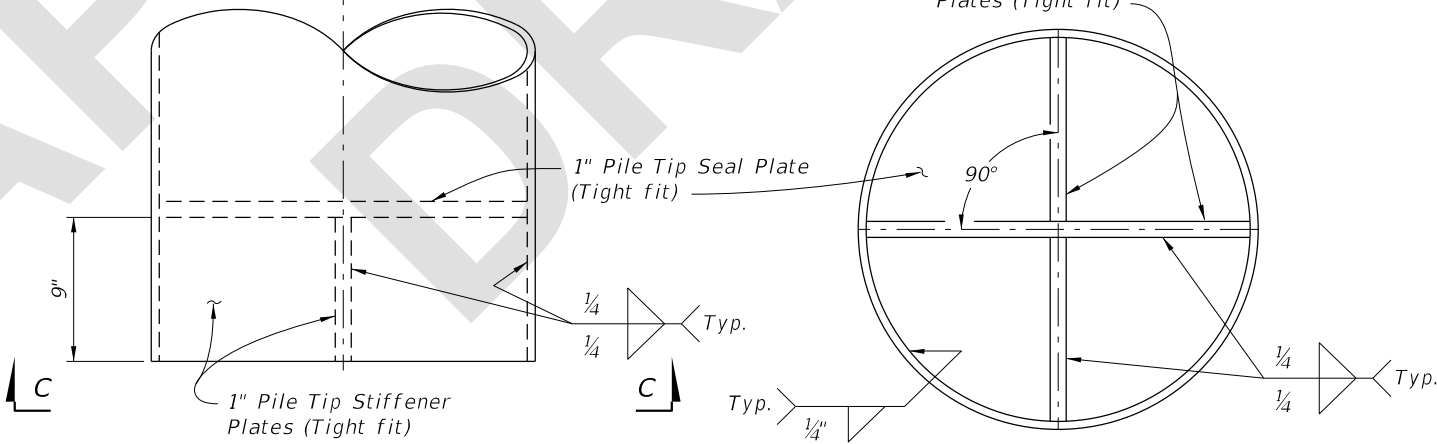


PARTIAL VIEW A-A

PLAN VIEW STEEL PILE CAP ASSEMBLY
(Bearing Plates and Bearing Keeper Bars not show for clarity)



STRUT CONNECTOR PLATE DETAIL

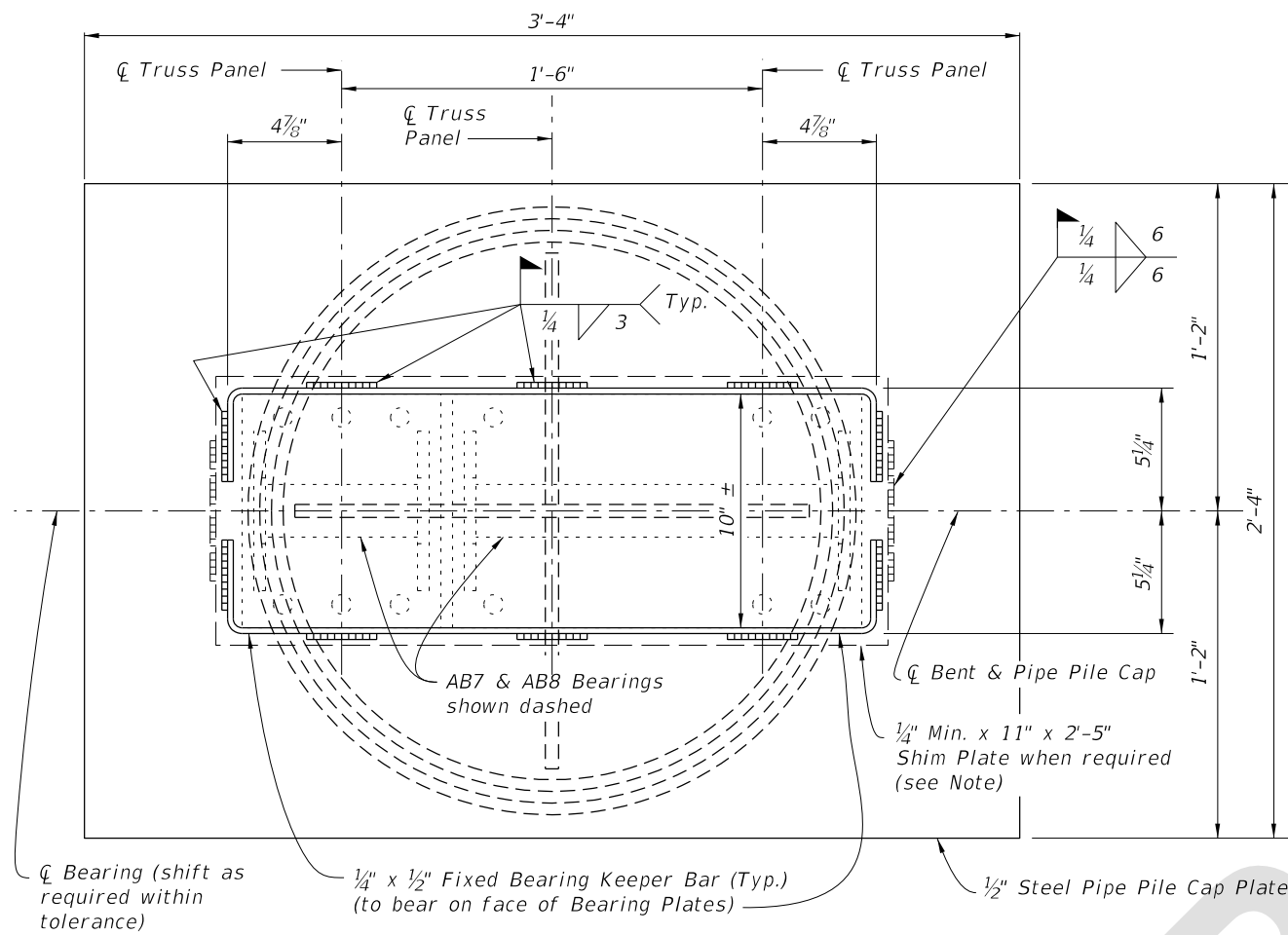


VIEW B-B

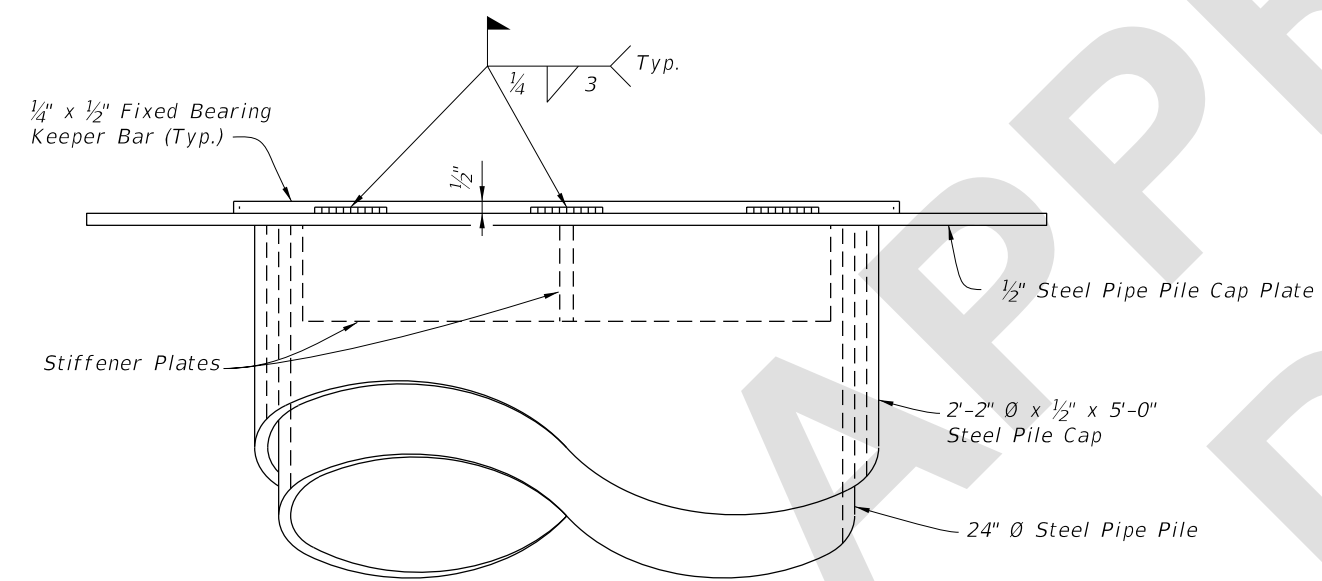
VIEW C-C
PILE TIP DETAIL

5/23/2025 12:15:47 PM

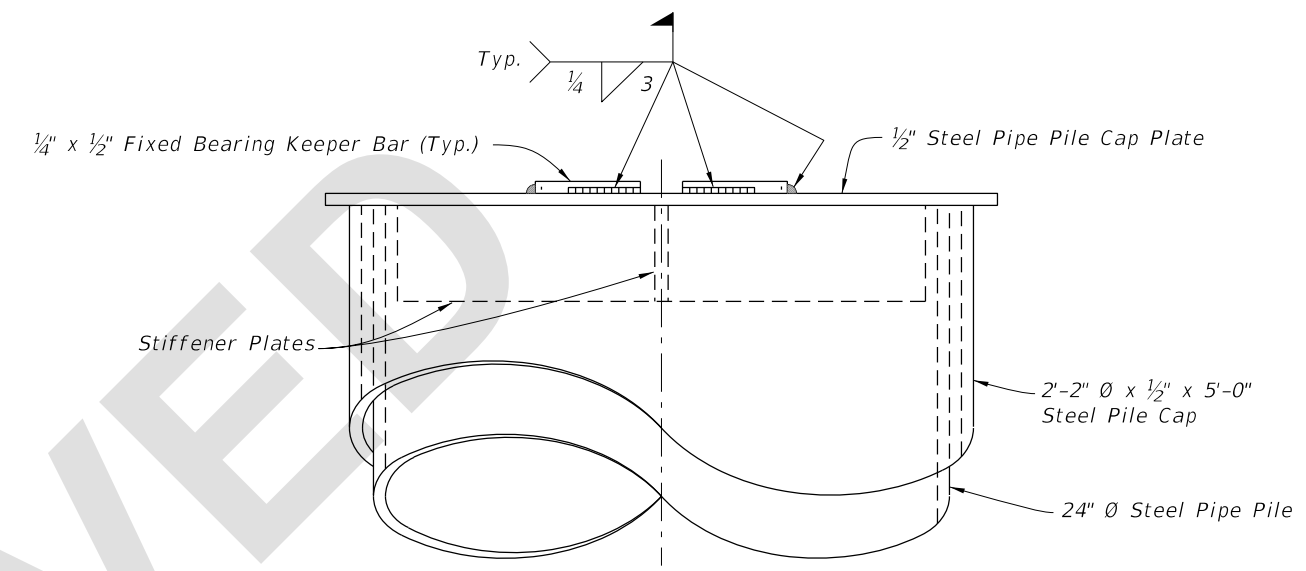
LAST REVISION 11/01/25	REVISION	DESCRIPTION:	 FY 2026-27 STANDARD PLANS	TEMPORARY DETOUR BRIDGE DETAILS STEEL PIPE PILE BACKWALL BENT	INDEX 102-230	SHEET 1 of 3
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PARTIAL PLAN VIEW

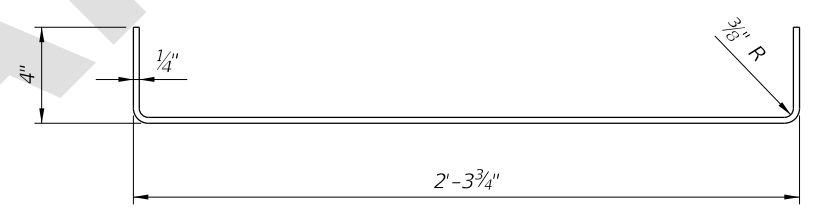


PARTIAL ELEVATION VIEW



END VIEW

Note:
Use Shim Plates as required to provide equal bearing seat elevations across the bent. Vary thickness of Shim Plate across the pile cap plate to provide a level bearing area in the transverse direction.

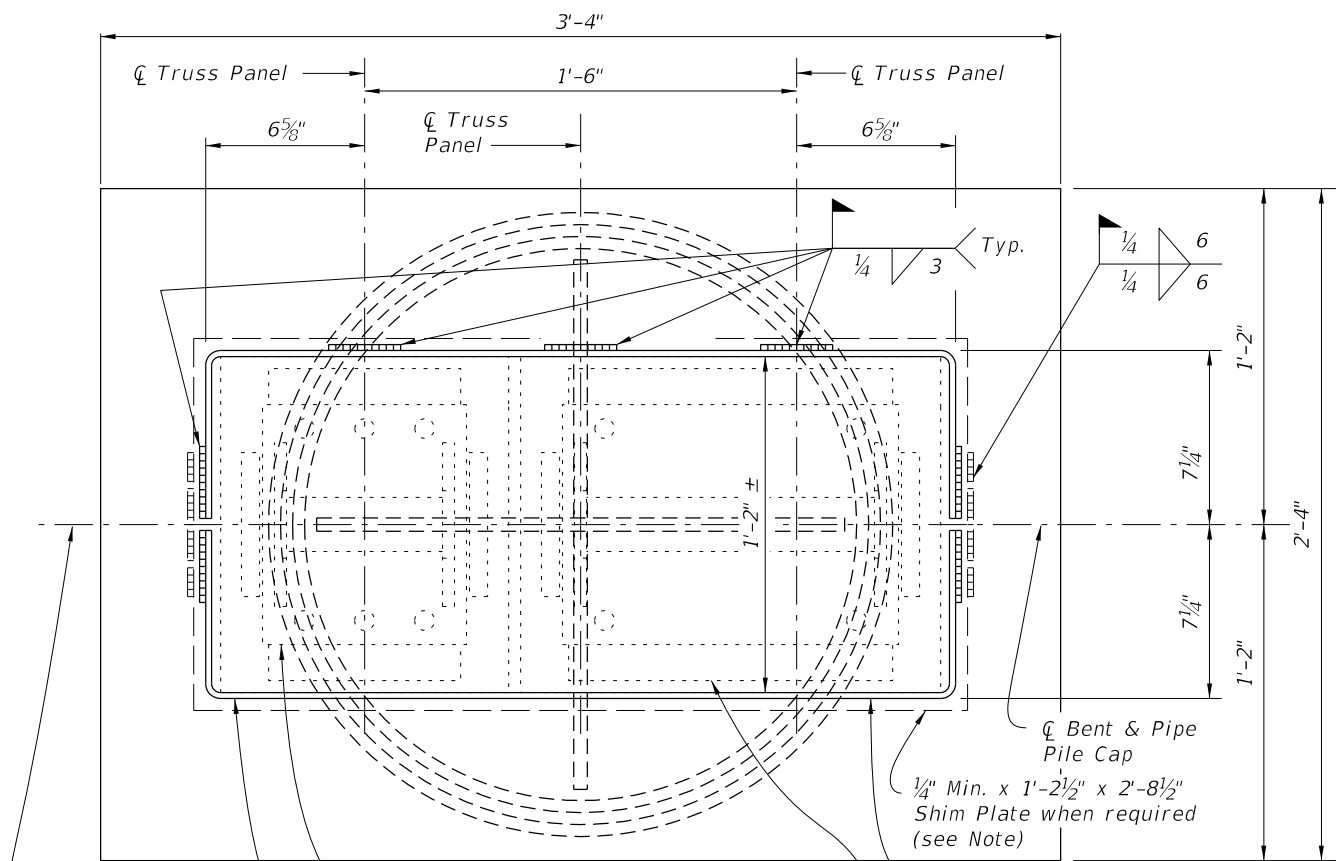


FIXED BEARING KEEPER BAR DETAIL

FIXED BEARING DETAILS

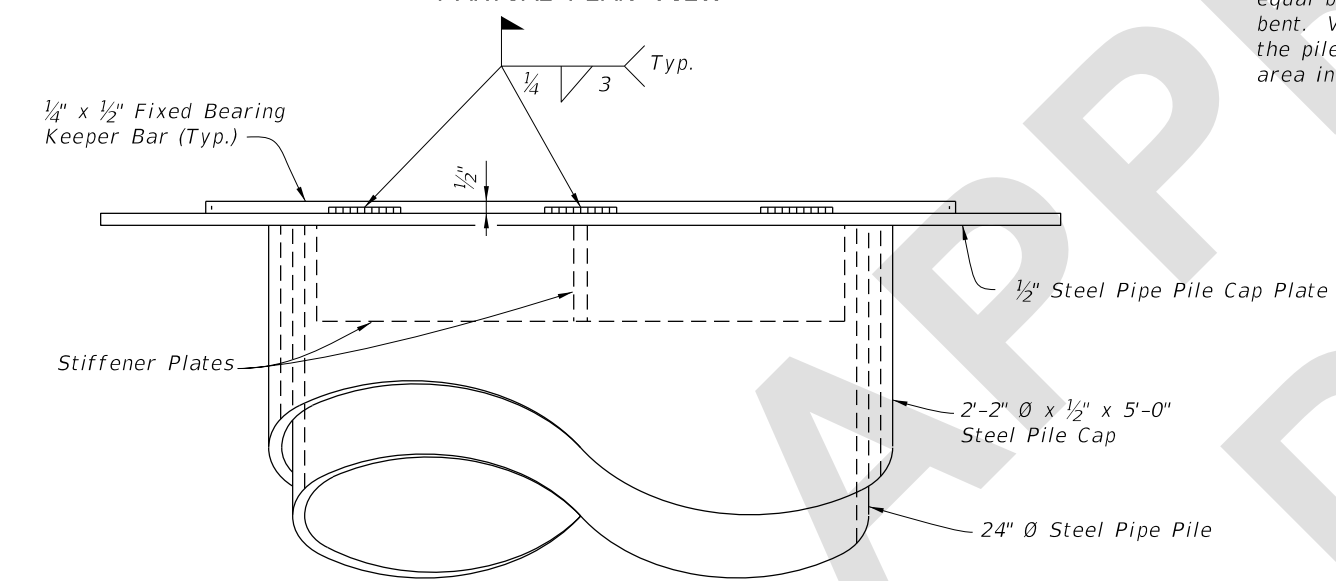
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LAST REVISION 11/01/25	DESCRIPTION:	FDOT FY 2026-27 STANDARD PLANS	TEMPORARY DETOUR BRIDGE DETAILS STEEL PIPE PILE BACKWALL BENT	INDEX 102-230	SHEET 2 of 3
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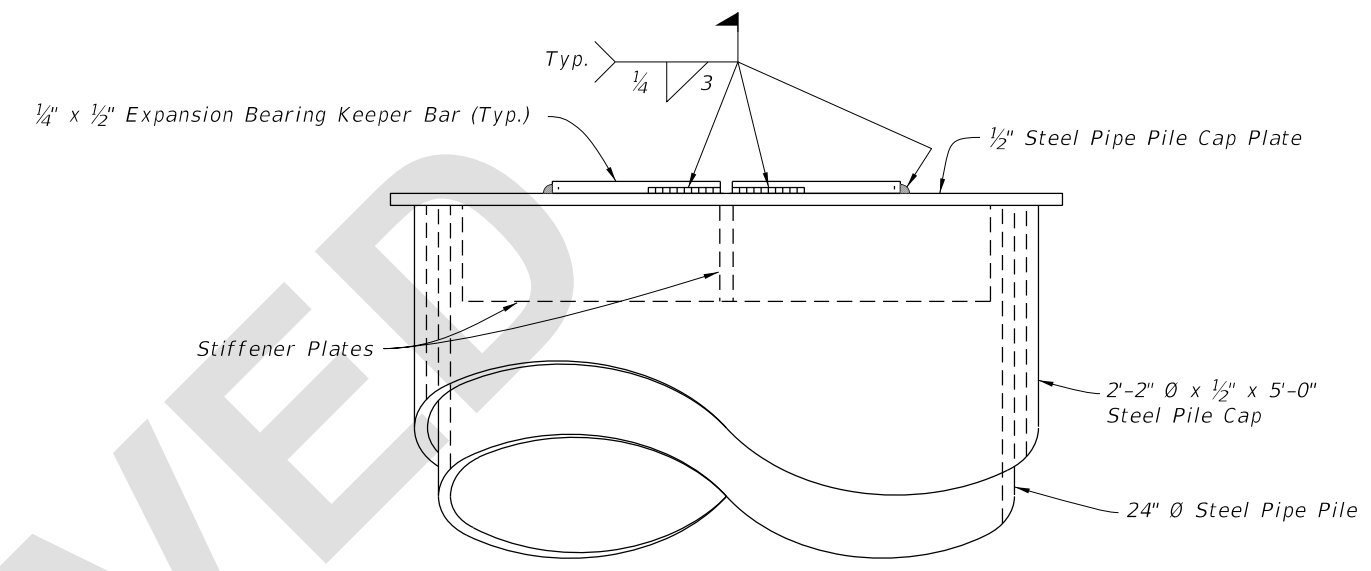


PARTIAL PLAN VIEW

CL Bearing (shift as required within tolerance)
 Expansion Bearing Assemblies shown dashed
 1/4" x 1/2" Expansion Bearing Keeper Bar (Typ.) (to bear on face of Bearing Plates)
 1/2" Steel Pipe Pile Cap Plate
 1/4" Min. x 1'-2 1/2" x 2'-8 1/2" Shim Plate when required (see Note)

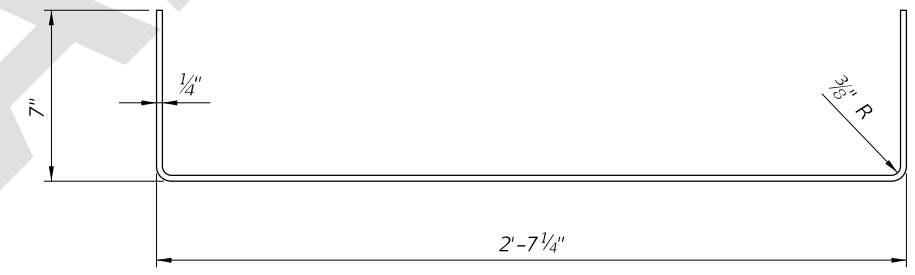


PARTIAL ELEVATION VIEW



END VIEW


Note:
 Use Shim Plates as required to provide equal bearing seat elevations across the bent. Vary thickness of Shim Plate across the pile cap plate to provide a level bearing area in the transverse direction.



EXPANSION BEARING KEEPER BAR DETAIL

ABUTMENT AND INTERMEDIATE EXPANSION BEARING DETAILS

5/23/2025 12:16:48 PM

LAST REVISION	11/01/25	DESCRIPTION:	 FY 2026-27 STANDARD PLANS	TEMPORARY DETOUR BRIDGE DETAILS STEEL PIPE PILE BACKWALL BENT	INDEX	SHEET
					102-230	3 of 3