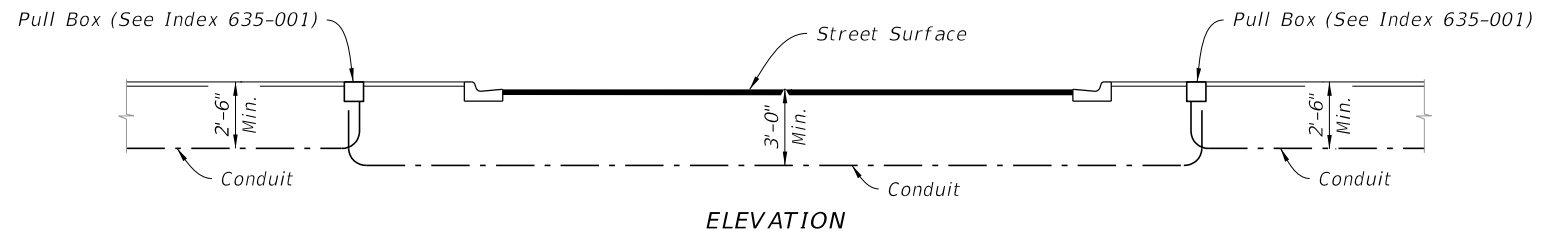
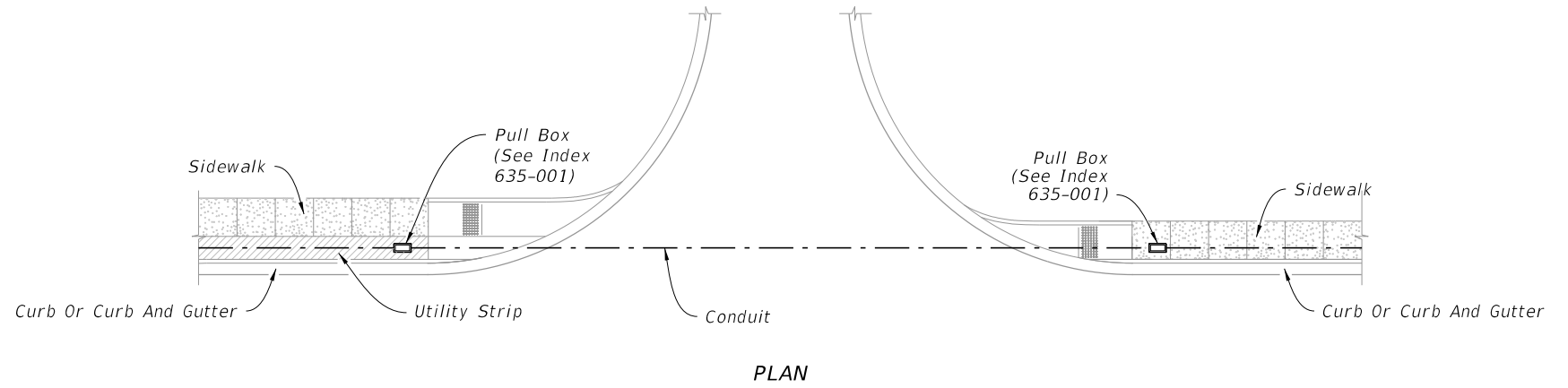
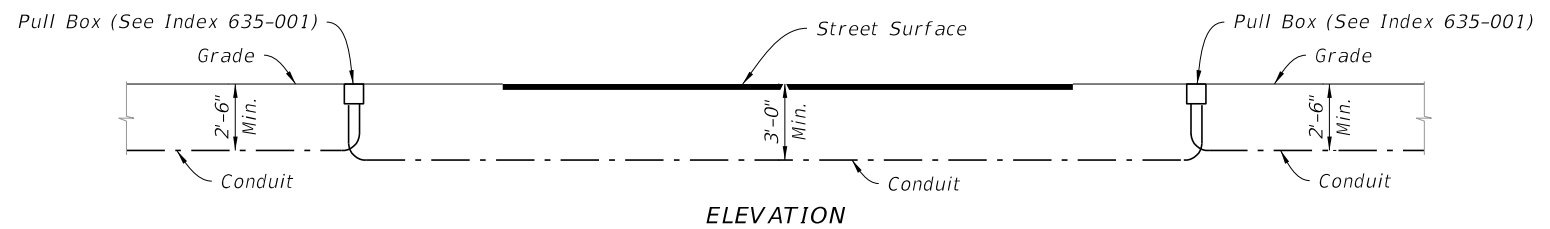
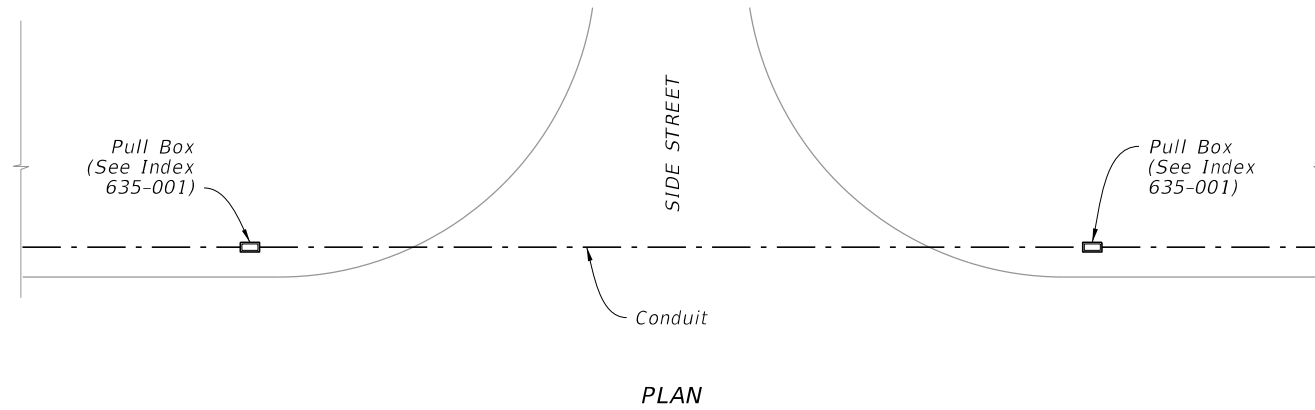


GENERAL NOTES:

1. Install conduit in accordance with Specification 630.
2. When sidewalk is damaged by conduit installation, replace entire sidewalk slab.
3. Trench not to be open more than 250' at a time when construction area is subject to vehicular or pedestrian traffic.
4. Sawcut asphalt at the edges of the trench to leave neat lines.
5. Provide route marker and route marker label in accordance with Specification 630.



=====**CURB AND GUTTER**=====



=====**FLUSH SHOULDER**=====

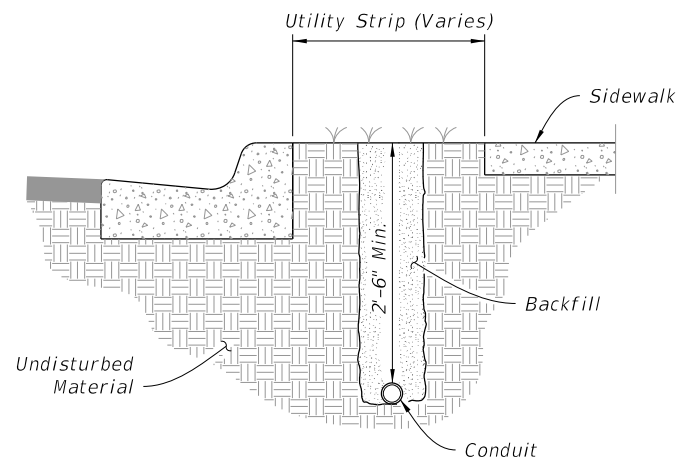


See Note 5 for label

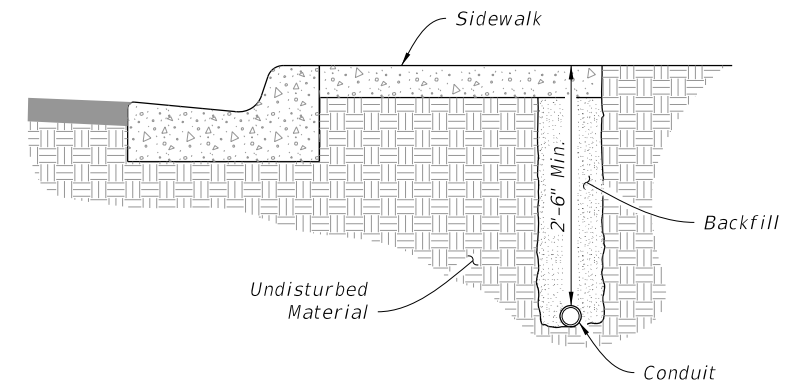
=====**ROUTE MARKER DETAIL**=====

9/22/2021 10:49:36 AM

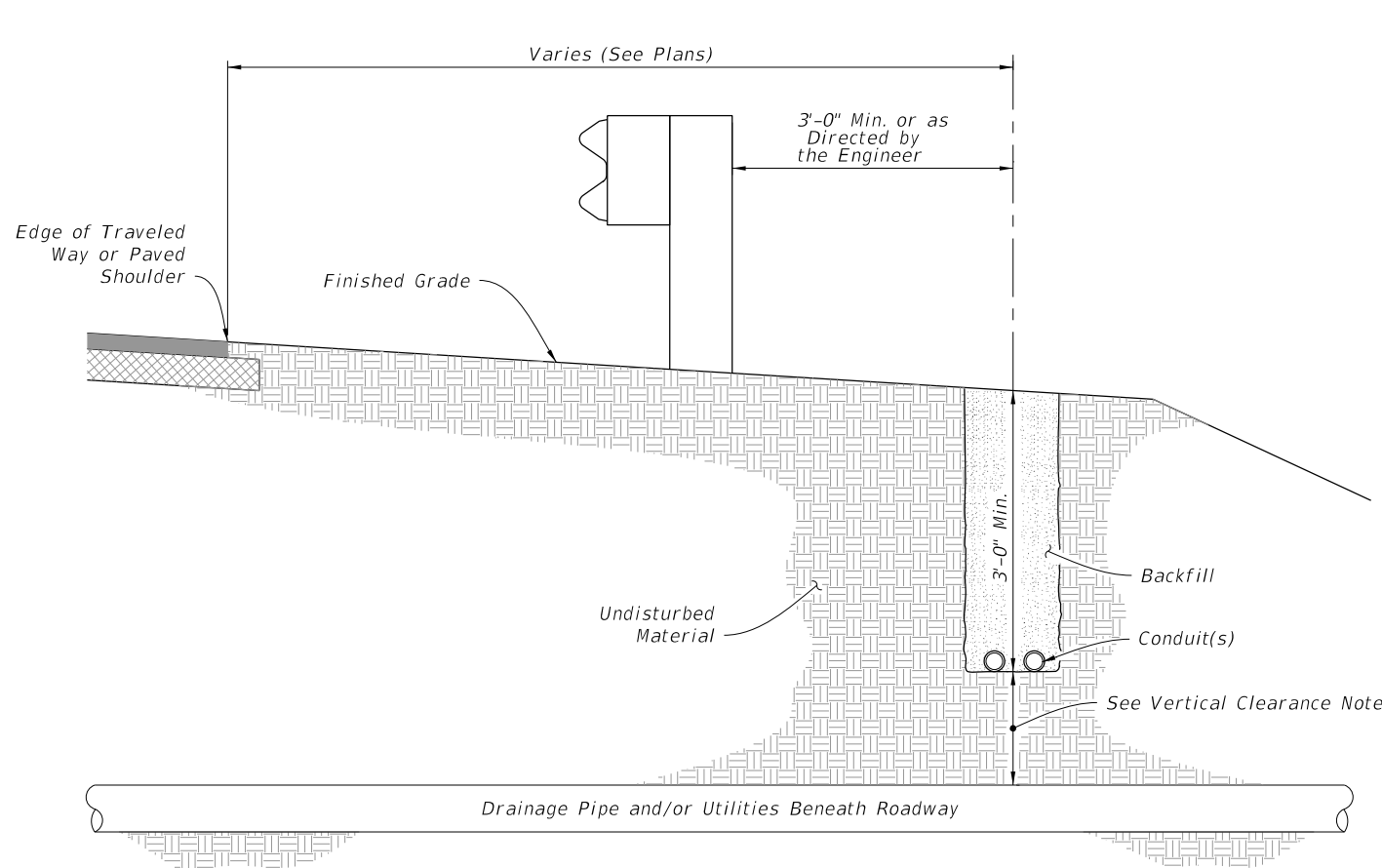
LAST REVISION 11/01/21	REVISION	DESCRIPTION:		FY 2022-23 STANDARD PLANS	CONDUIT INSTALLATION DETAILS	INDEX 630-001	SHEET 1 of 4
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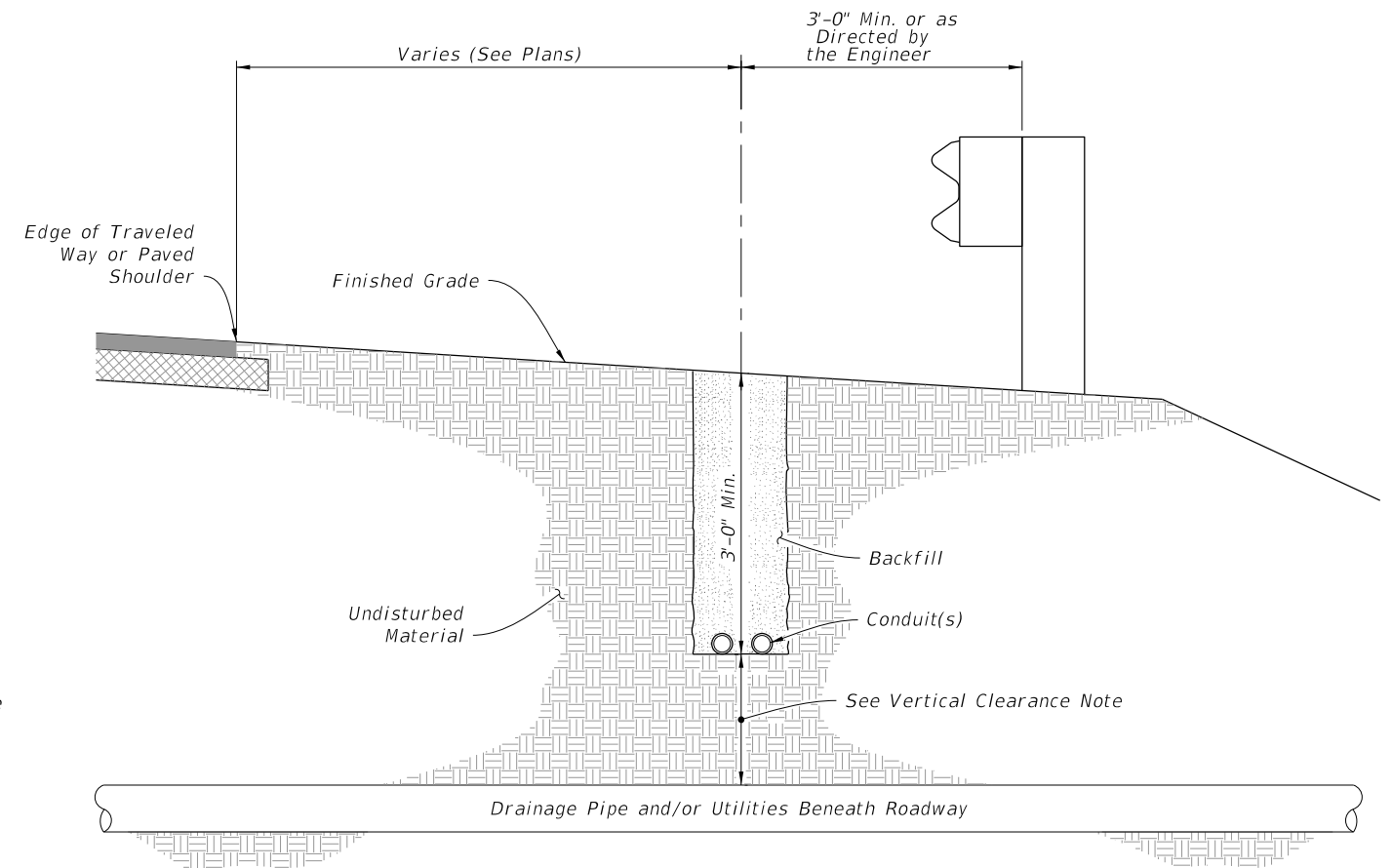
PLACEMENT WITHIN THE UTILITY STRIP



PLACEMENT UNDER SIDEWALK



PLACEMENT BEHIND GUARDRAIL




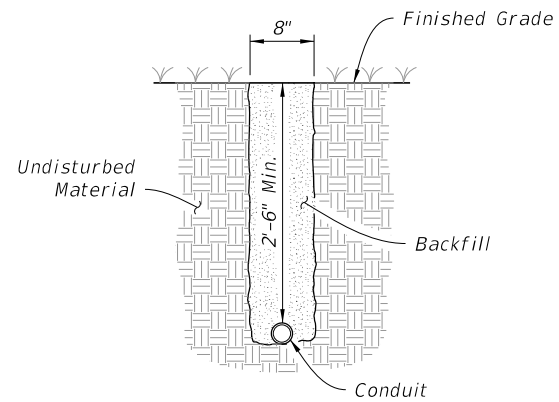
PLACEMENT IN FRONT OF GUARDRAIL

VERTICAL CLEARANCE NOTE:

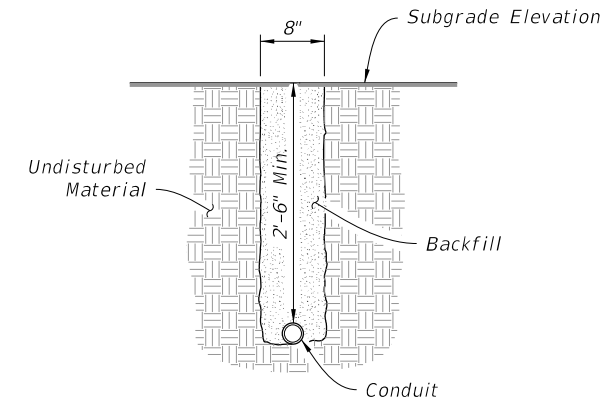
Maintain 1'-0" minimum vertical clearance when crossing over pipe and or utilities.
If minimum vertical clearance cannot be maintained, conduit is to be routed under pipe maintaining 1'-0" minimum vertical clearance.

9/22/2021 10:49:43 AM

LAST REVISION 11/01/18	REVISION	DESCRIPTION:		FY 2022-23 STANDARD PLANS	CONDUIT INSTALLATION DETAILS	INDEX 630-001	SHEET 2 of 4
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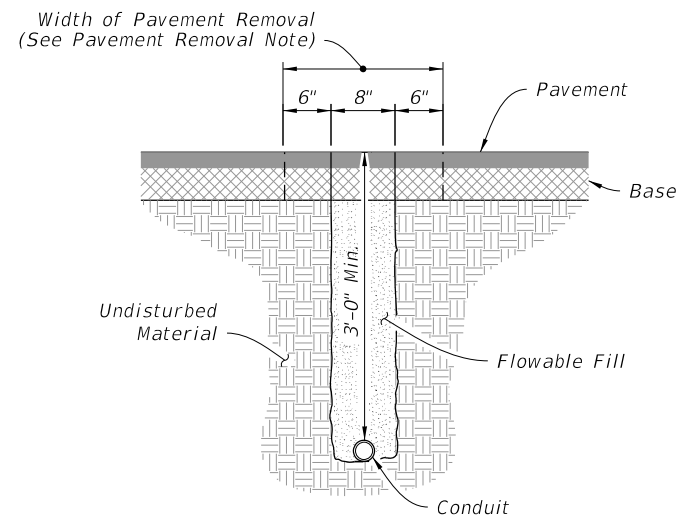
PLACEMENT NOT EXPOSED
TO VEHICULAR TRAFFIC



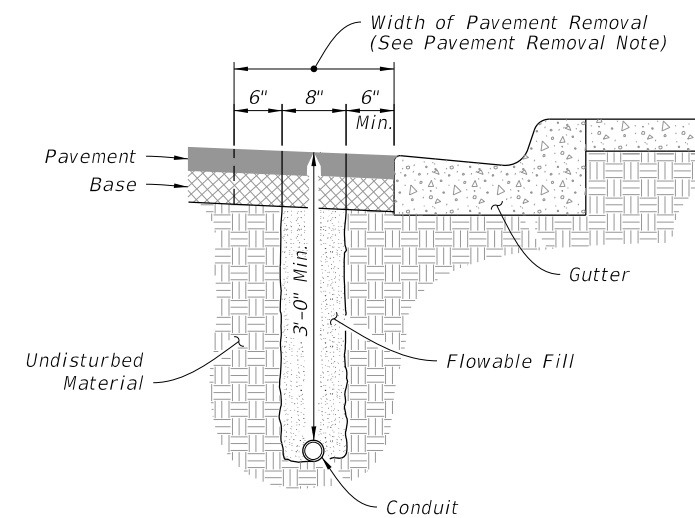
PLACEMENT UNDER NEW ROADWAY
PRIOR TO INSTALLATION OF
BASE AND PAVEMENT

NOTES:

1. Pavement Removal: The removal and replacement of the additional pavement width (i.e., 6" Width either side of trench) will not be required when the trench can be constructed without disturbing the asphalt surface on either side.
2. Placement Under Existing Pavement: Place conduit prior to installation of base and pavement, unless otherwise shown in the Plans or approved by the Engineer.



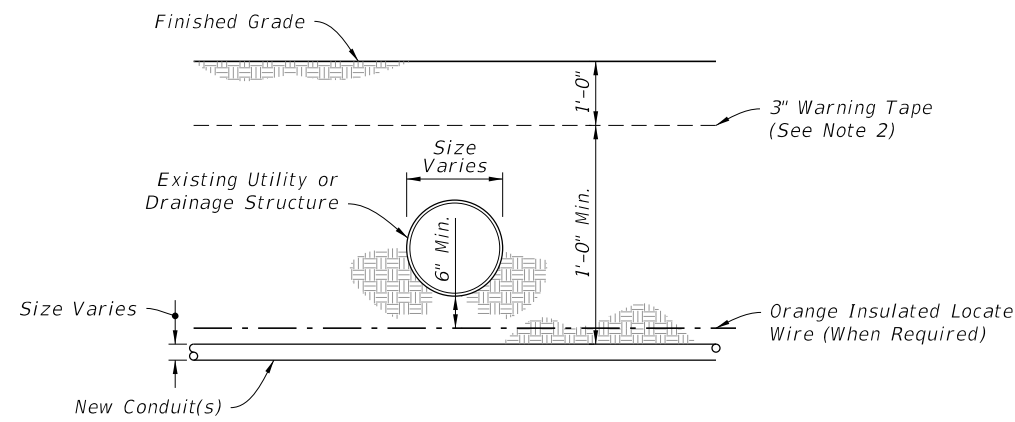
PLACEMENT UNDER EXISTING PAVEMENT
NOT ADJACENT TO GUTTER



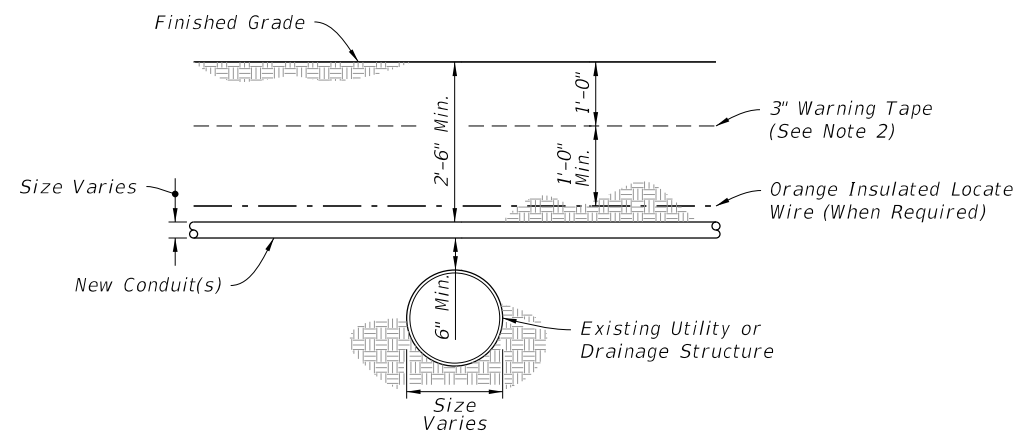
PLACEMENT UNDER EXISTING PAVEMENT
ADJACENT TO GUTTER

9/22/2021 10:49:50 AM

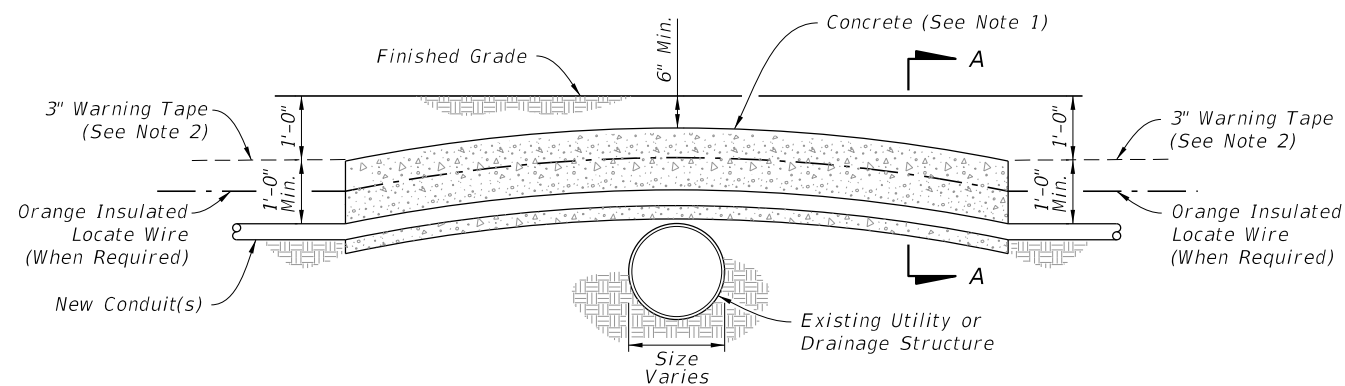
LAST REVISION 11/01/18	REVISION	DESCRIPTION:	 FY 2022-23 STANDARD PLANS	CONDUIT INSTALLATION DETAILS	INDEX 630-001	SHEET 3 of 4
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BELOW EXISTING

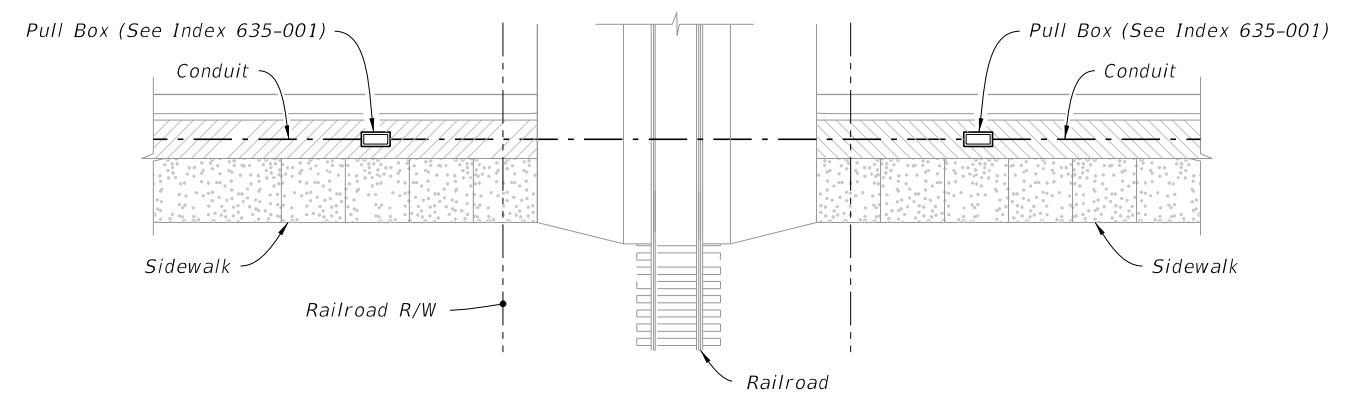


ABOVE EXISTING - DEPTH 2'-6" OR GREATER

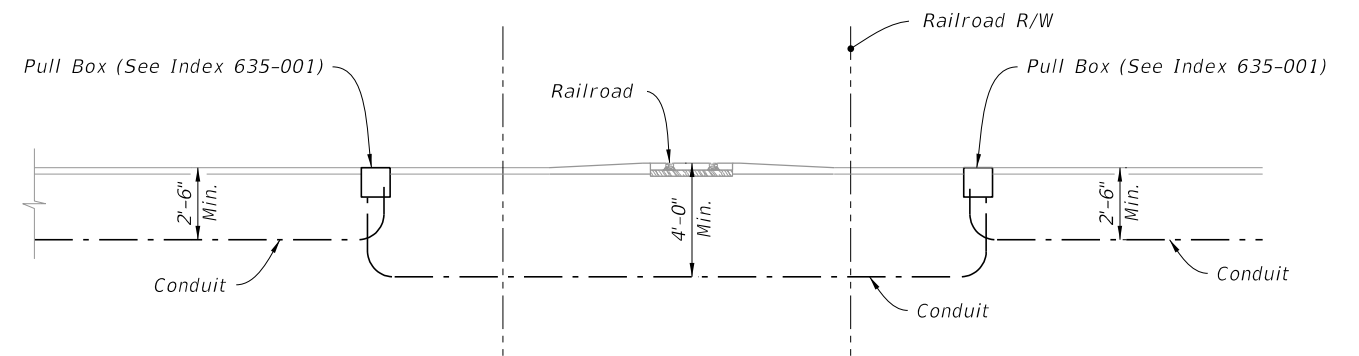


ABOVE EXISTING - DEPTH 2'-6" OR LESS

PLACEMENT ACROSS EXISTING DRAINAGE PIPES OR UTILITIES



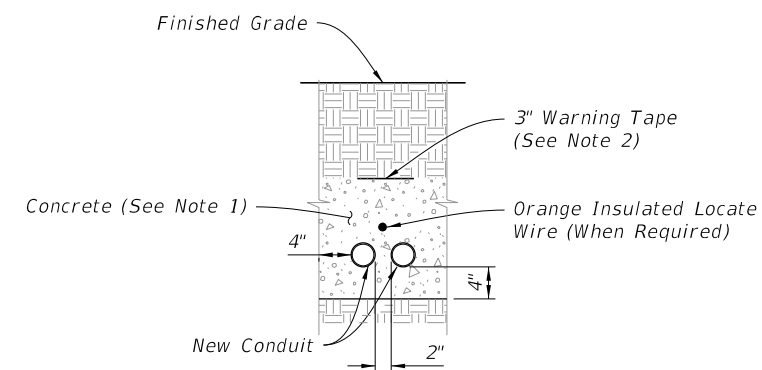
PLAN



PLACEMENT UNDER RAILROAD

NOTES:

1. Where conduits are to be installed over existing underground structures (e.g., drainage pipes or utility lines) which are less than 2'-6" deep, encase the conduit in Class NS concrete for the entire length of conduit that is installed at a depth of less than 2'-6".
2. Place 3" Warning Tape when new conduit is installed at a depth of 1'-6" or greater, and the new conduit is not encased in concrete.



SECTION A-A

9/22/2021 10:49:55 AM

LAST REVISION 11/01/18	DESCRIPTION:		FY 2022-23 STANDARD PLANS	CONDUIT INSTALLATION DETAILS	INDEX	SHEET
					630-001	4 of 4