

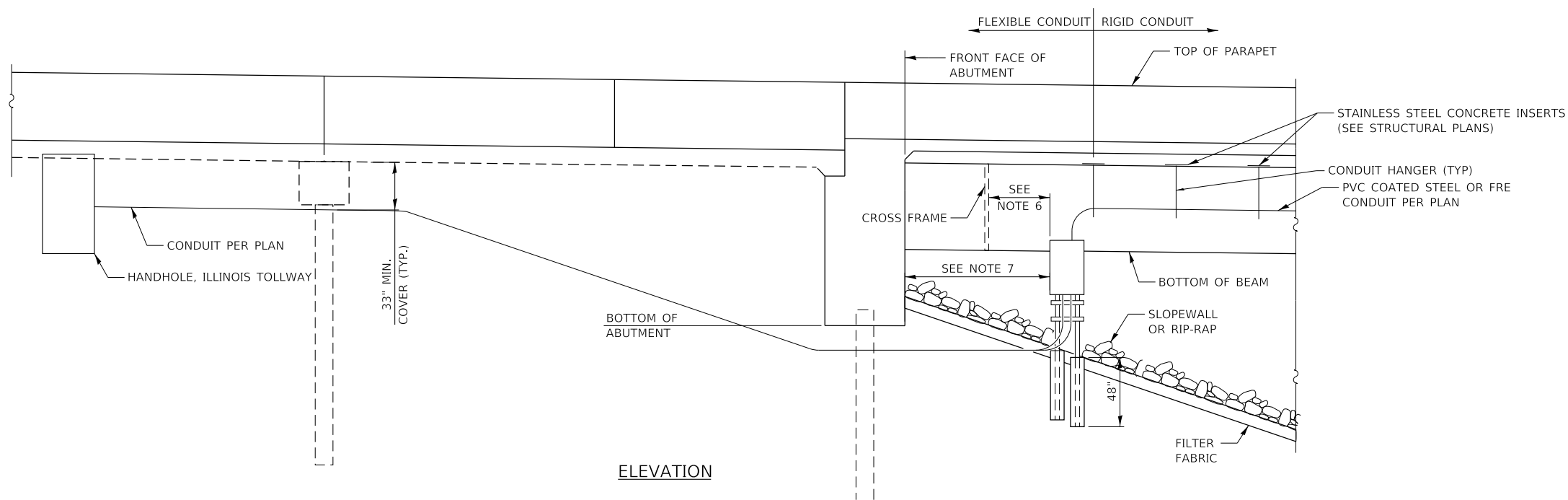
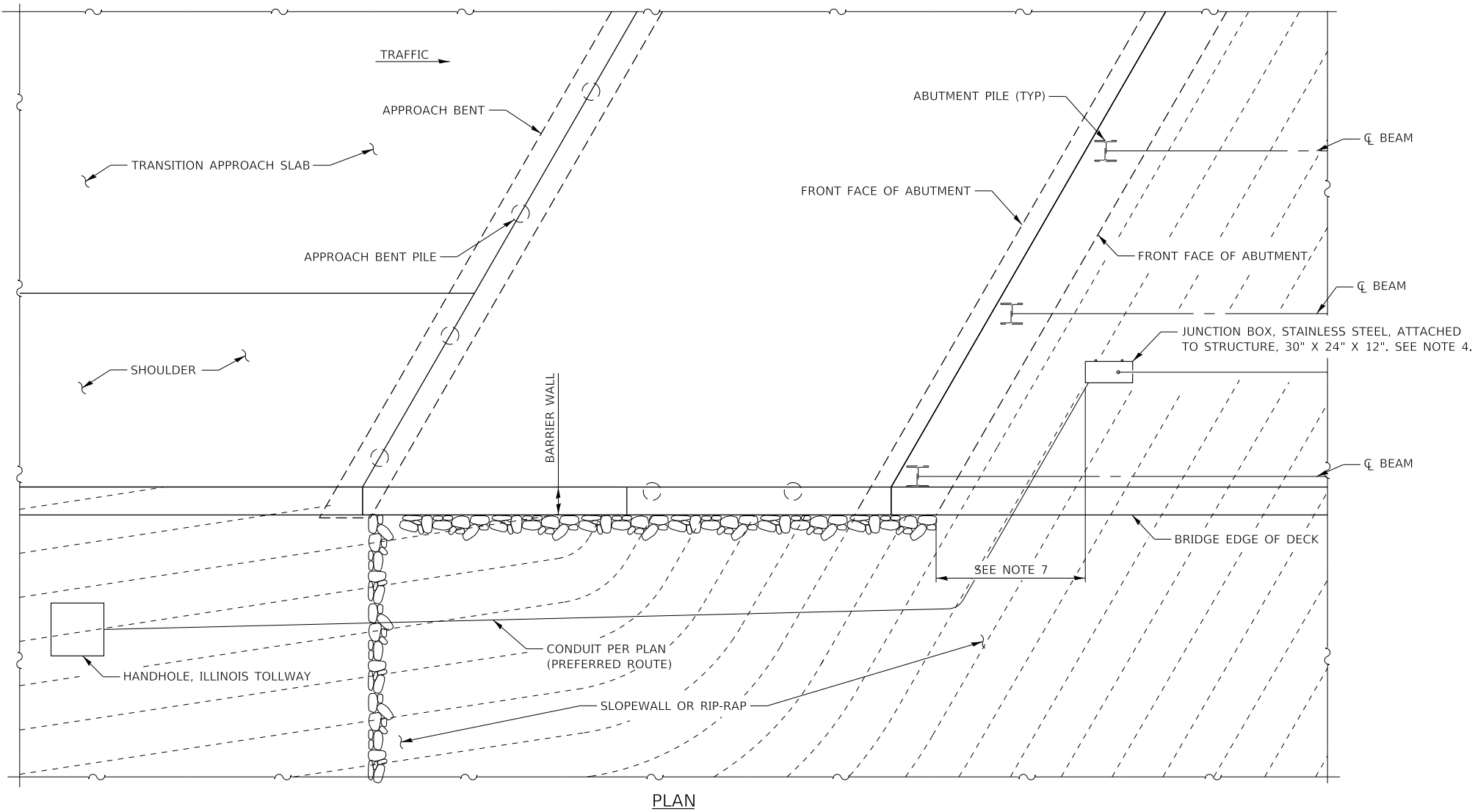
Illinois Tollway Base Sheet Revisions
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Section M	Base Sheet Drawings		
	Drawing	Modification Summary	Effective: 03-01-2023
	Conduit Details at Integral Abutment Bridge (ITS)-Series 1900		
		NO CHANGES	

- New Sheet
- Retired Standard

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#### NOTE TO DESIGNER

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#### NOTES:

1. THE CONTRACTOR SHALL FURNISH & INSTALL A PULL TAPE THROUGH ALL CONDUITS INSTALLED AS PART OF THIS WORK.
2. ALL HARDWARE SHALL BE STAINLESS STEEL IN ACCORDANCE WITH ARTICLE 1006.31 OF THE STANDARD SPECIFICATIONS.
3. CONDUIT SHALL BE SUPPORTED AT A MAXIMUM INTERVAL OF 5' AND WITHIN 2.5' OF ANY JUNCTION BOX, COUPLING/FITTING, OR CHANGE N DIRECTION.
4. THE JUNCTION BOX SHALL MEET THE REQUIREMENTS OF ARTICLE 1088.04 OF THE STANDARD SPECIFICATIONS. A HINGED DOOR AND PROVISIONS FOR 3-POINT LOCK OR A PADLOCK ARE REQUIRED.
5. FLEXIBLE CONDUIT SHALL BE LIMITED TO A MAXIMUM LENGTH OF 5'.
6. JUNCTION BOX SHALL BE LOCATED AT LEAST 24" FROM CROSS FRAMES.
7. PROVIDE DIMENSION FROM ABUTMENT.

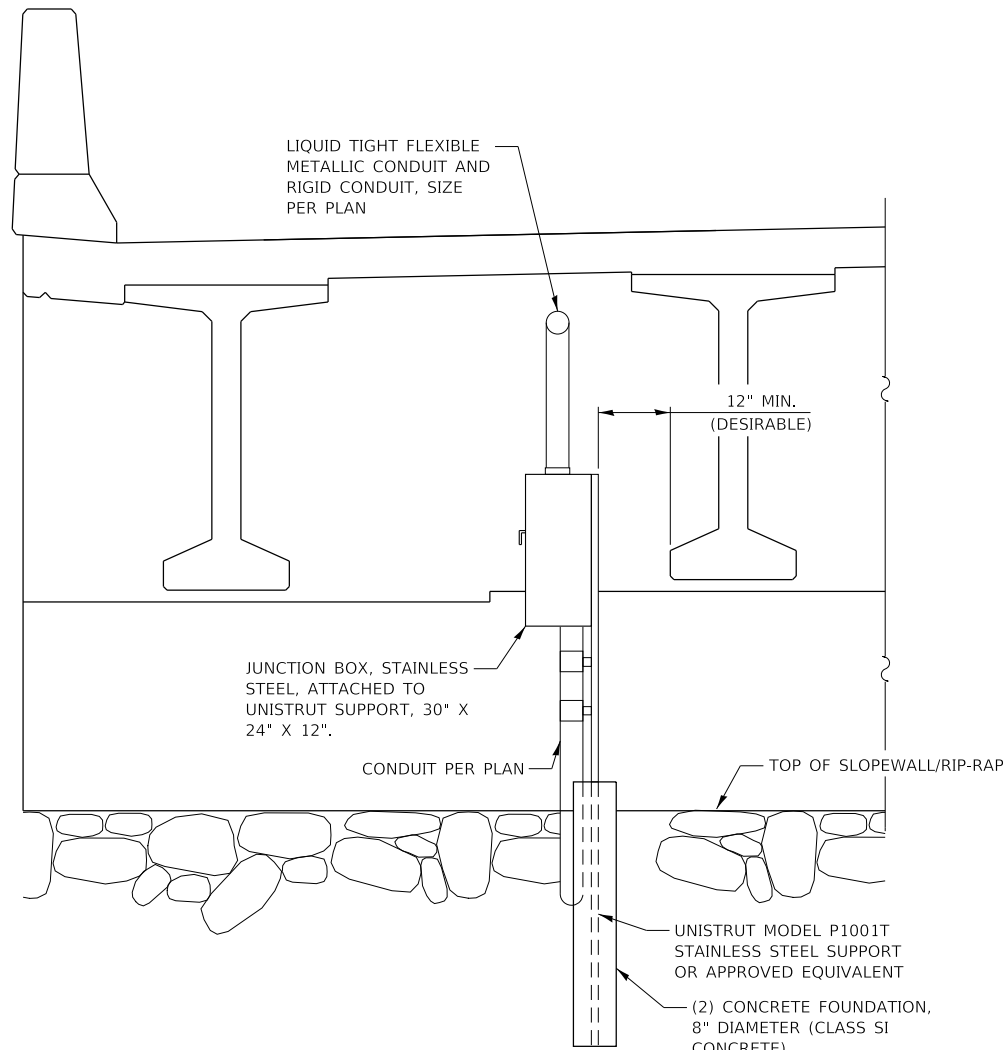


#### CONDUIT DETAILS AT INTEGRAL ABUTMENT BRIDGE STANDARD SLOPE WALL

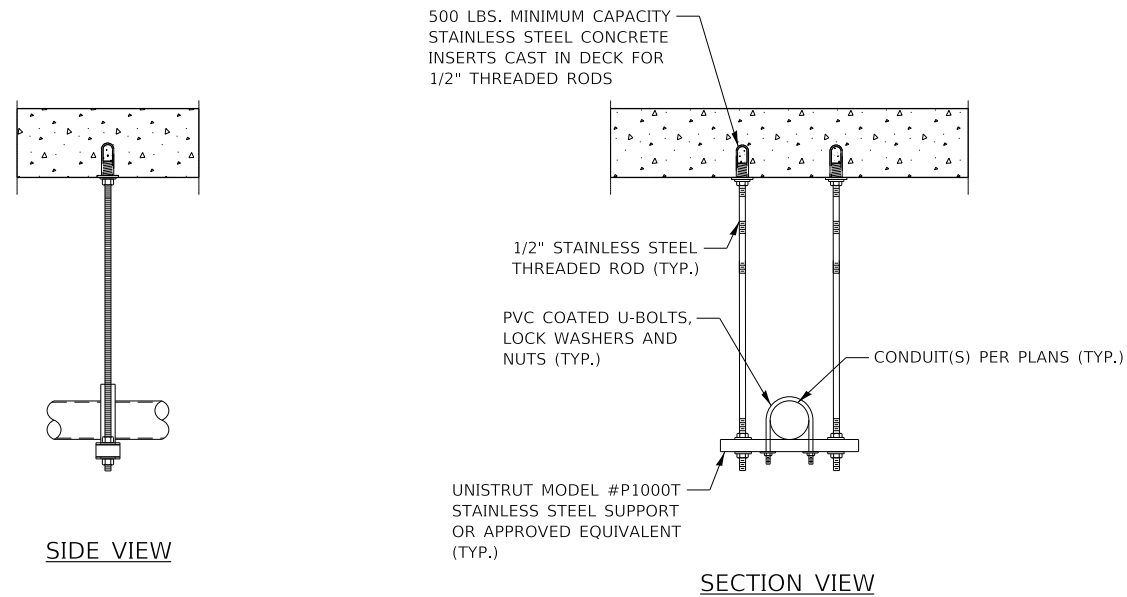
VERSION:  
2016-03

STANDARD:  
M-ITS-1900

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1 OF 4



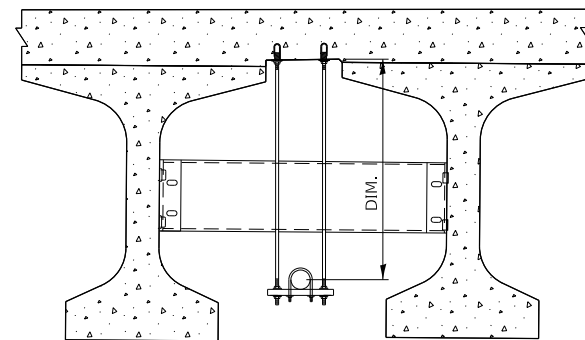
VIEW AT ABUTMENT - GROUND MOUNTED JUNCTION BOX



CONDUIT HANGER ASSEMBLY DETAIL

NOTES:

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CONDUIT ROUTING AT DIAPHRAGM

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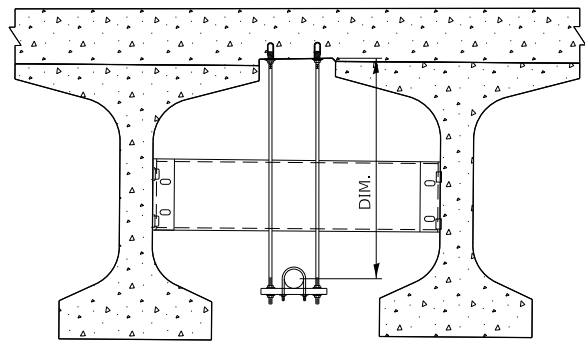
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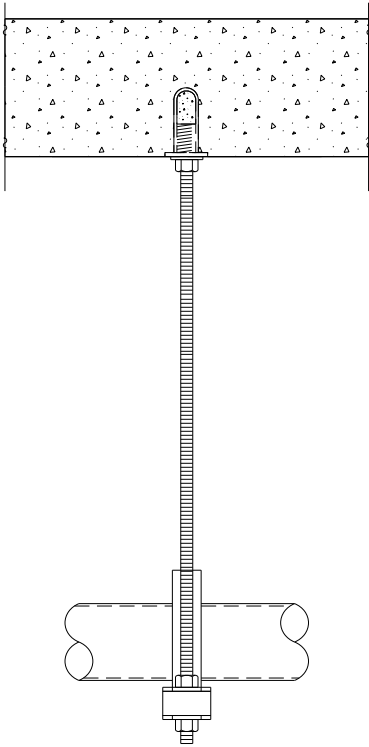
CONDUIT DETAILS AT  
INTEGRAL ABUTMENT BRIDGE  
STANDARD SLOPE WALL

VERSION: 2016-03	STANDARD: M-ITS-1900	SHEET: 2 OF 4
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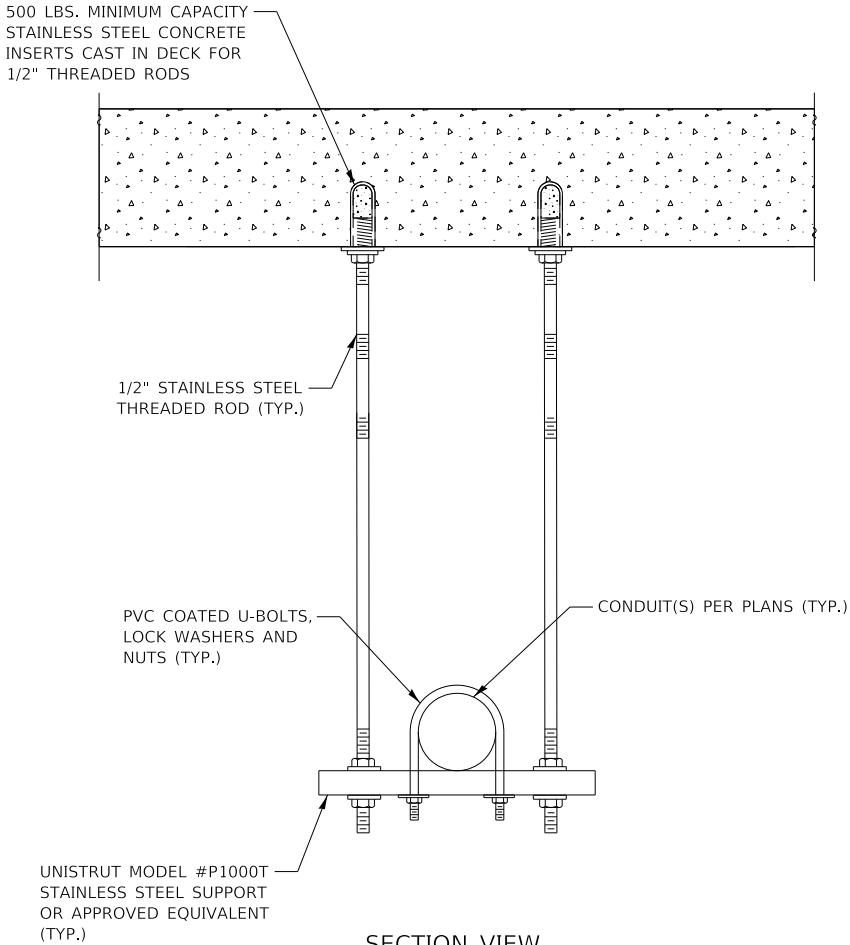




CONDUIT ROUTING AT DIAPHRAGM



SIDE VIEW



SECTION VIEW

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CONDUIT DETAILS AT  
INTEGRAL ABUTMENT BRIDGE  
WITH MSE WALL

Illinois Tollway Base Sheet Revisions
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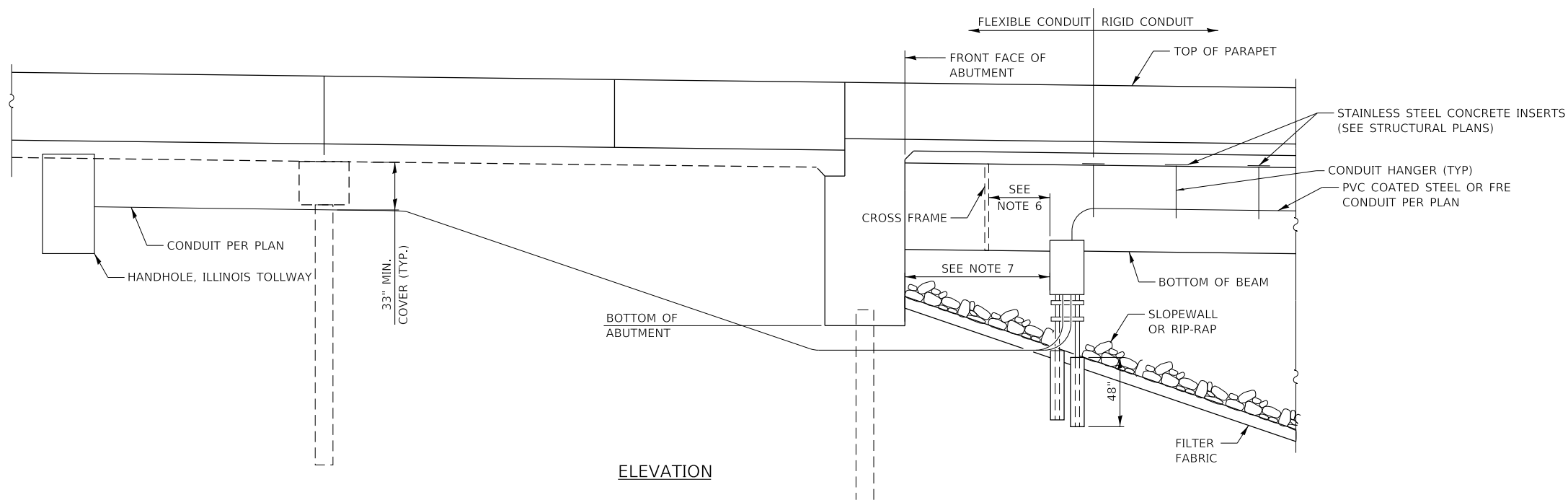
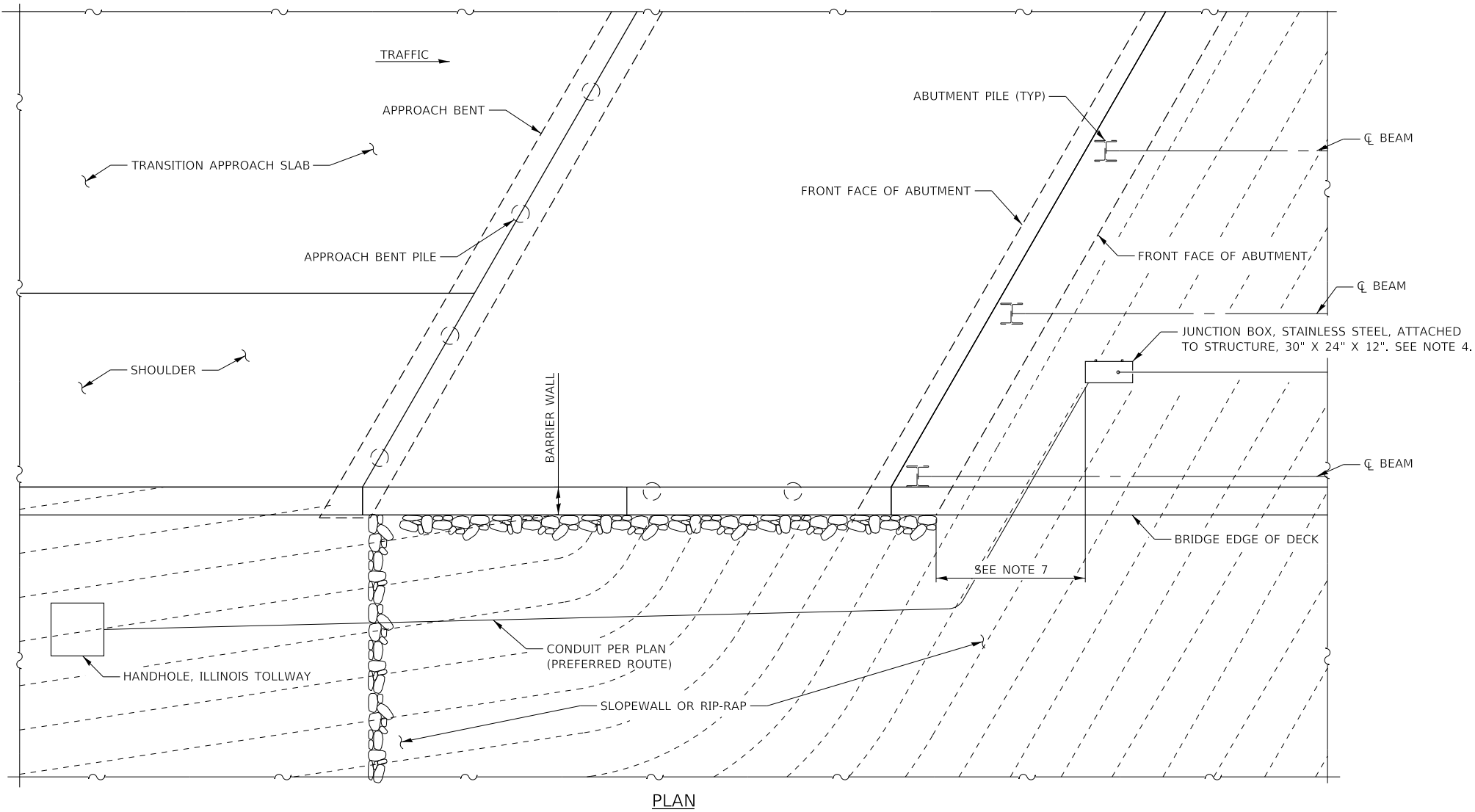
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 Retired Standard

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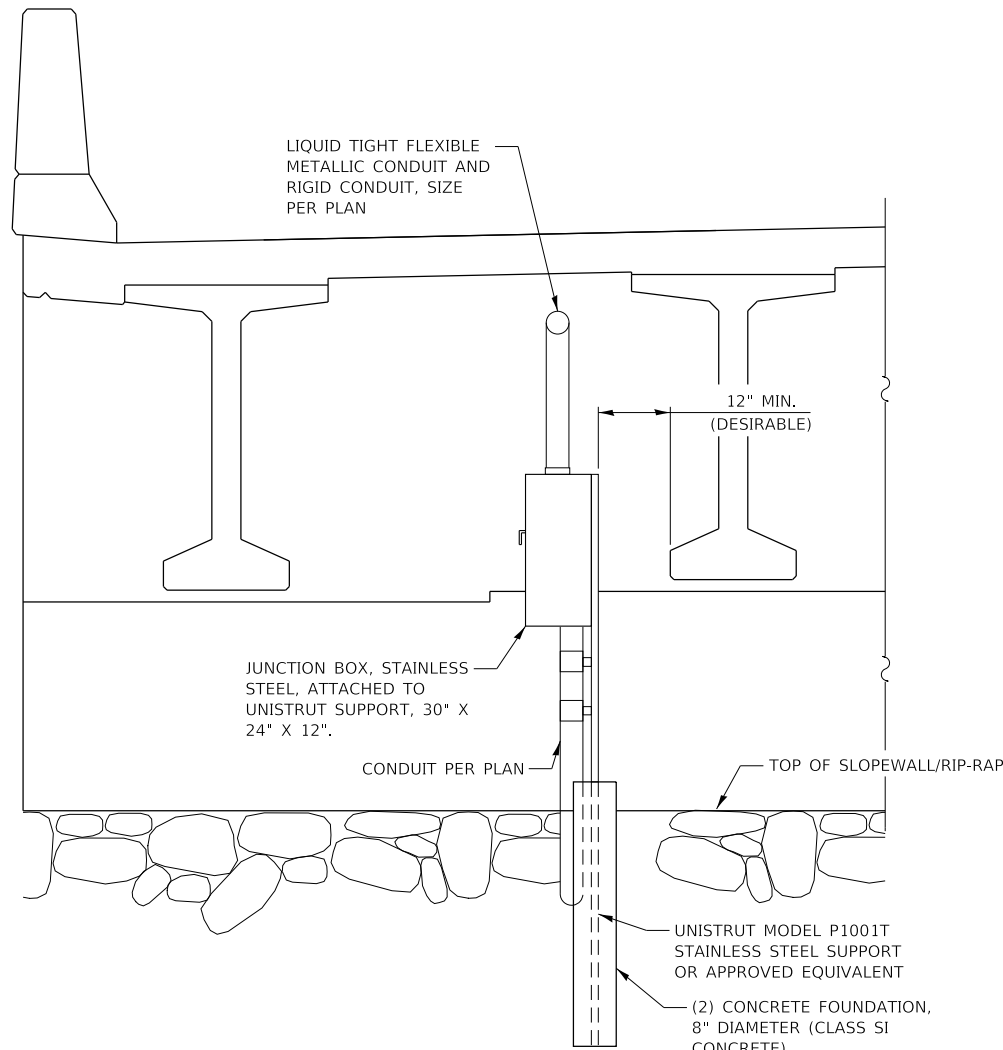
#### CONDUIT DETAILS AT INTEGRAL ABUTMENT BRIDGE STANDARD SLOPE WALL

VERSION:  
2016-03

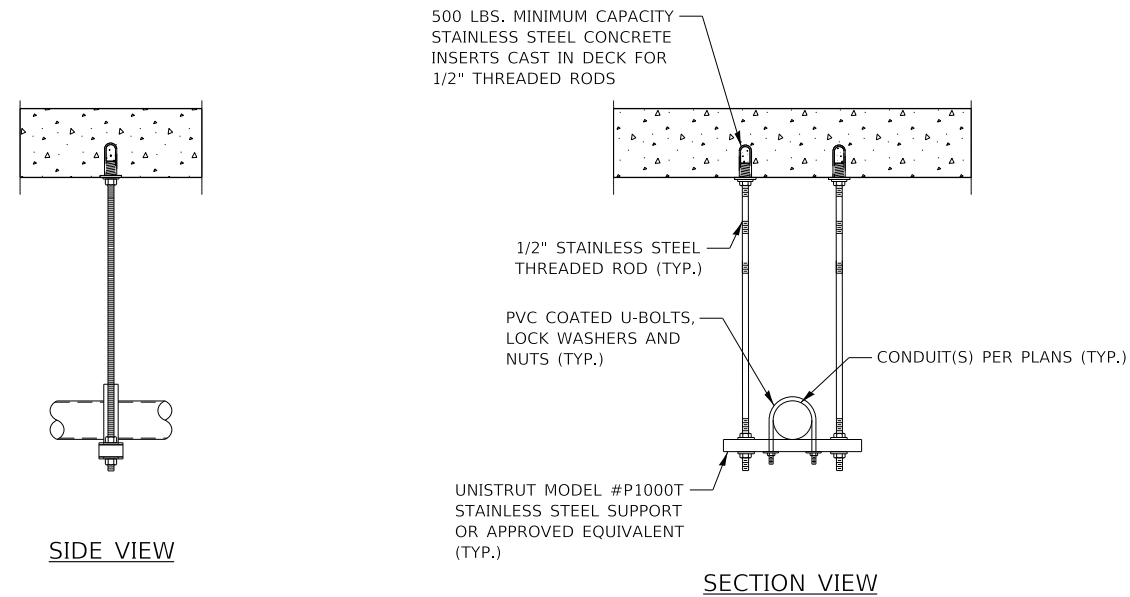
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M-ITS-1900

SHEET:  
1 OF 4





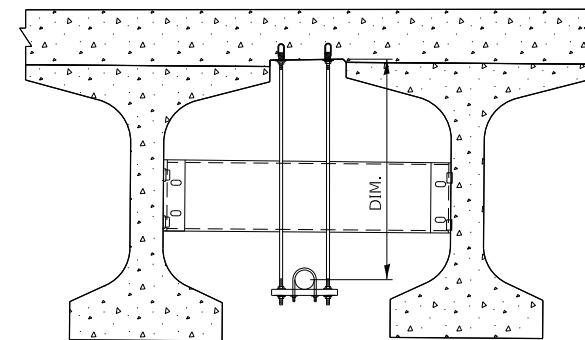
VIEW AT ABUTMENT - GROUND MOUNTED JUNCTION BOX



CONDUIT HANGER ASSEMBLY DETAIL

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CONDUIT ROUTING AT DIAPHRAGM

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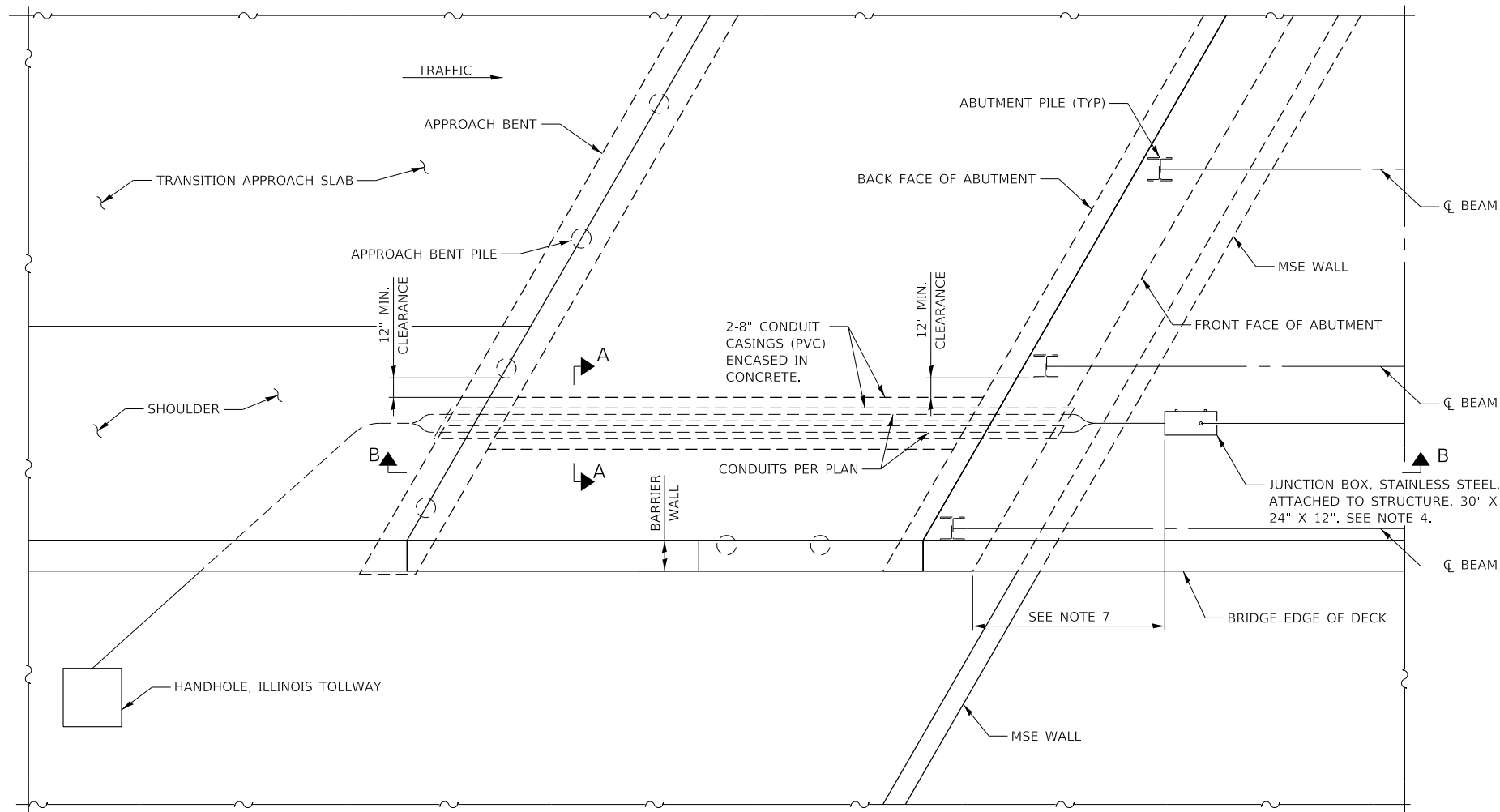
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CONDUIT DETAILS AT  
INTEGRAL ABUTMENT BRIDGE  
STANDARD SLOPE WALL

VERSION: 2016-03	STANDARD: M-ITS-1900	SHEET: 2 OF 4
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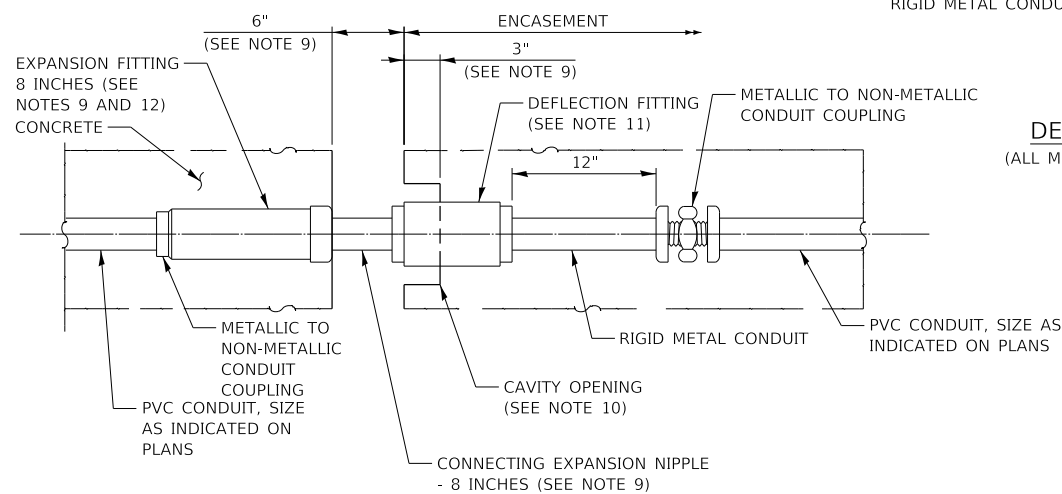
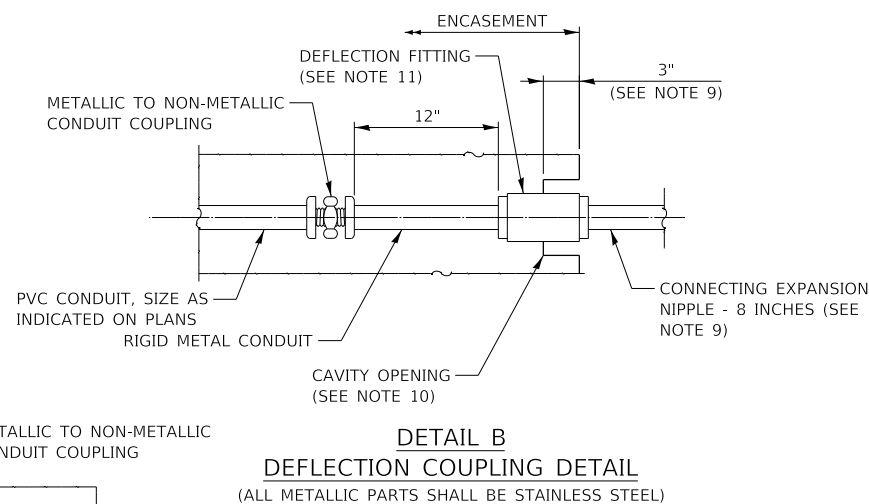


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7. PROVIDE DIMENSION FROM ABUTMENT.
8. PROVIDE A MINIMUM OF 3" CONCRETE ENCASEMENT AROUND CONDUIT.
9. DIMENSION SHOWN WILL VARY TO MEET THE REQUIREMENTS OF THE SPECIFIC PROJECT.
10. A CAVITY OPENING SHALL BE 3 IN. LARGER IN DIAMETER THAN THE DEFLECTION SLEEVE LENGTH.
11. THE DEFLECTION FITTING SHALL BE CENTERED IN THE OPENING AND EMBEDDED IN THE CONCRETE ONLY UP TO THE DEFLECTION FITTING CENTER.
12. THE BARREL OF THE FITTING SHALL BE FULLY EMBEDDED IN THE CONCRETE.
13. COUPLING MUST BE PROPERLY INSTALLED TO ACHIEVE ACCEPTABLE PERFORMANCE



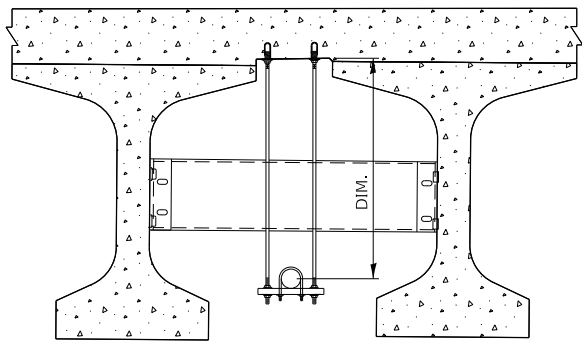
### CONDUIT DETAILS AT INTEGRAL ABUTMENT BRIDGE WITH MSE WALL

VERSION:  
2021-03

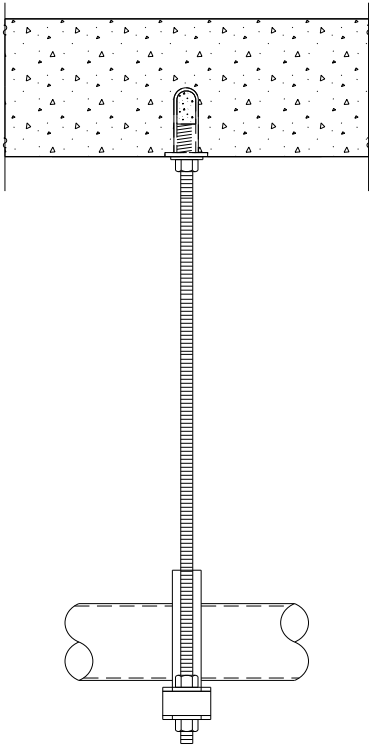
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M-ITS-1900

SHEET:  
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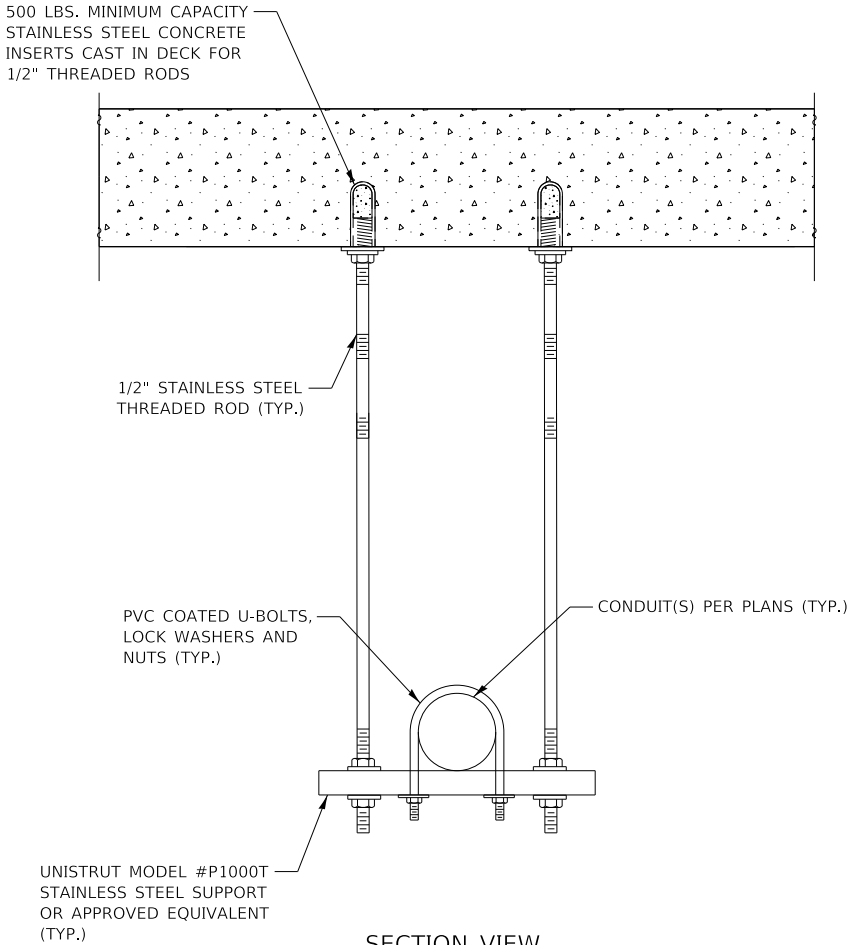
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CONDUIT ROUTING AT DIAPHRAGM



SIDE VIEW



SECTION VIEW

CONDUIT HANGER ASSEMBLY DETAIL

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WITH MSE WALL