

TOTAL BILL OF MATERIAL

ITEM	UNIT	SUPER	SUB	TOTAL
Aggregate Subgrade Improvement	Cu. Yd.	-	185	185
Removal and Disposal of Unsuitable Material for Structures	Cu. Yd.	-	191	191
Concrete Structures	Cu. Yd.	-	13.8	13.8
Concrete Superstructure	Cu. Yd.	169.7	-	169.7
Bridge Deck Grooving	Sq. Yd.	266	-	266
Protective Coat	Sq. Yd.	266	-	266
Reinforcement Bars, Epoxy Coated	Pound	46,930	2,430	49,360
Furnishing Metal Shell Piles 14" x 0.250"	Foot	-	464	464
Driving Piles	Foot	-	464	464
Test Pile Metal Shells	Each	-	2	2

INDEX OF SHEETS

Sheet No.	Description
1	Connector General Plan
2	Connector Pavement Details
3	E.B. Connector Shoulder Details
4	W.B. Connector Shoulder Details
5	Connector Shoulder Details

DESIGN SPECIFICATIONS

2012 AASHTO LRFD Bridge Design Specifications, 6th Edition

LOADING HL-93

Allow 50#/sq. ft. for future wearing surface.

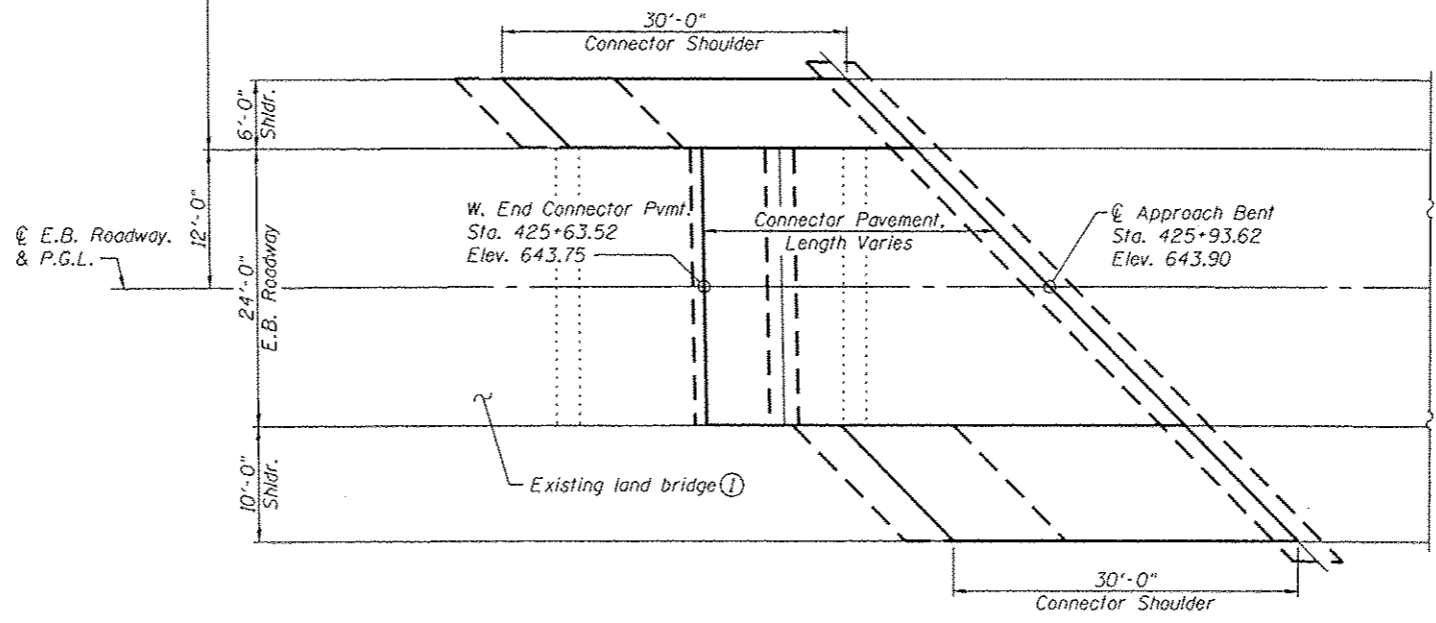
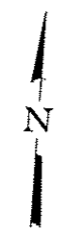
DESIGN STRESSES

FIELD UNITS

$f'_c = 3,500$ psi
 $f_y = 60,000$ psi (Reinforcement)

Notes:

- ① For limits of removal of existing land bridge, see Bridge Plans.
- ② For additional information, see Bridge Plans.
- ③ Cost of existing land bridge removal included in Removal of Existing Structures. Cost of shoulder removal included in Pavement Removal. All additional excavation included in Removal and Disposal of Unsuitable Material for Structures.



DATE: 7/30/2013
 EXPIRATION: 11/30/2014