



Notes:
 Dimension "X" will be dependent on the actual thickness of the slab & fillet, and the dimension of the flange of the steel stringer.
 A gap of 1/2" shall be maintained between the new drainage scupper and the existing flange of the stringer.
 The exterior surfaces of the floor drains shall be painted with the finish coat as specified in the special provisions for Cleaning and Painting New Metal Structures. The exterior surfaces of the drains shall be cleaned according to Society of Protective Coatings' Spec. SSPC-SP1 prior to painting. Fiberglass pipe shall conform to ASTM D 2996, with short-time rupture strength hoop tensile stress of 30,000 p.s.i. minimum. Galvanize clamping device according to AASHTO M232. Cost of clamping device and galvanizing included with Drainage Scuppers.
 Existing reinforcement bars extending into the removal area shall be cleaned, straightened and incorporated into the new construction. Any reinforcement bars that are damaged during concrete removal shall be replaced with an approved bar splicer or anchorage system. Cost included with Concrete Removal.
 In Span 14, two existing deck drains shall be removed. They are located on the south side, adjacent to Floor Beam 6' and Floor Beam 3'. They will be replaced with two Drainage Scuppers, DS-12. See sketches for details of removal and replacement.

BILL OF MATERIAL
 (Two Locations)

Bar	No.	Size	Length	Shape
a(E)	8	#5	4'-6"	L
a1(E)	8	#5	5'-0"	L
x(E)	14	#5	4'-11"	U
x1(E)	14	#5	3'-8"	U
Concrete Removal			Cu. Yd.	2.0
Concrete Superstructure			Cu. Yd.	2.0
Reinforcement Bars, Epoxy Coated			Pound	210