



NOTES
Class SI Concrete shall be used throughout.
Reinforcement Bars shall conform to the requirements of A.A.S.H.T.O. M-31 or M-322 Grade 60.
All exposed edges of concrete shall be beveled 3/4 inch.

I.F. = Inside Face
O.F. = Outside Face
E.F. = Each Face
F.F. = Front Face
B.F. = Back Face

DESIGN STRESSES
fy = 60,000 p.s.i.
f'c = 3,500 p.s.i.

MAX. SOIL PRESSURE = 2075 LBS. PER SQ. FT.
LOADING HL-93
DESIGN SPECIFICATIONS
2012 AASHTO LRFD Bridge Design Specs.

BILL OF MATERIAL

Bar	No.	Size	Length	Shape
a1(E)	10	#5	5'-10"	U
a2(E)	2	#5	5'-1"	U
a3(E)	2	#5	4'-4"	U
a4(E)	2	#5	3'-7"	U
a5(E)	2	#5	2'-10"	U
a6(E)	2	#5	2'-1"	U
a7(E)	3	#4	4'-8"	U
a8(E)	1	#4	3'-9"	U
a9(E)	1	#4	2'-3"	U
d(E)	4	#4	4'-2"	U
h(E)	12	#4	10'-2"	U
h1(E)	2	#4	10'-5"	U
h2(E)	2	#6	8'-0"	U
h3(E)	1	#4	6'-9"	U
h4(E)	1	#4	5'-6"	U
h5(E)	2	#6	4'-0"	U
h6(E)	2	#4	8'-0"	U
h7(E)	2	#4	7'-2"	U
h8(E)	2	#4	6'-2"	U
h9(E)	2	#4	5'-0"	U
h10(E)	2	#4	4'-0"	U
h11(E)	4	#5	8'-0"	U
h12(E)	4	#5	4'-0"	U
h13(E)	6	#6	8'-2"	U
h14(E)	6	#6	8'-0"	U
n(E)	11	#4	3'-5"	U
s(E)	8	#4	3'-1"	U
t(E)	22	#4	4'-7"	U
v(E)	17	#4	4'-11"	U
v1(E)	2	#4	7'-3"	U
v2(E)	1	#4	7'-1"	U
v3(E)	1	#4	6'-11"	U
v4(E)	2	#4	6'-9"	U
v5(E)	1	#4	6'-6"	U
v6(E)	1	#4	6'-4"	U
v7(E)	2	#4	6'-1"	U
v8(E)	1	#4	5'-11"	U
v9(E)	1	#4	5'-9"	U
v10(E)	1	#4	5'-7"	U
v11(E)	2	#4	5'-4"	U
v12(E)	8	#4	8'-8"	U
v13(E)	4	#4	3'-8"	U
w(E)	8	#5	10'-2"	U
CONCRETE REMOVAL			CU YD	3.8
REINFORCEMENT BARS, EPOXY COATED			POUND	880
CONCRETE BOX CULVERTS			CU YD	8.7

Reinforcement bars designated (E) shall be epoxy coated.

Designed By _____ Checked By _____
 Drawn By S.I.M. 3-11-97 checked By _____
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