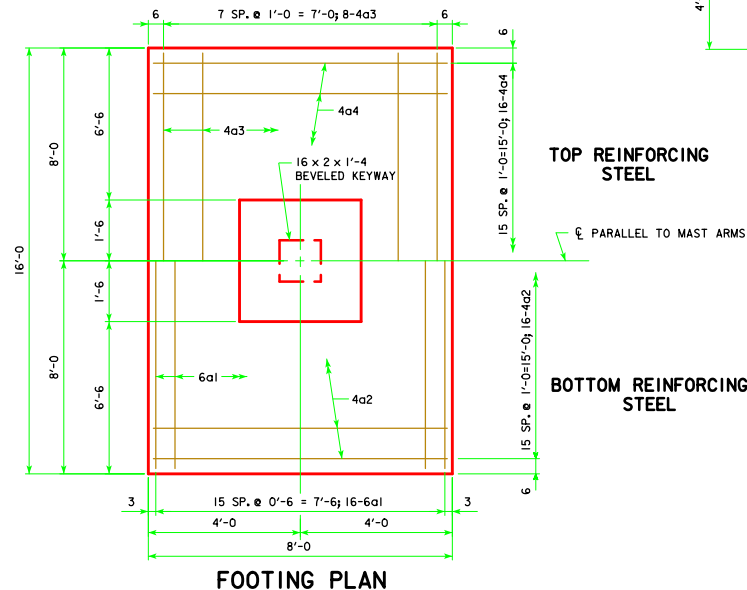
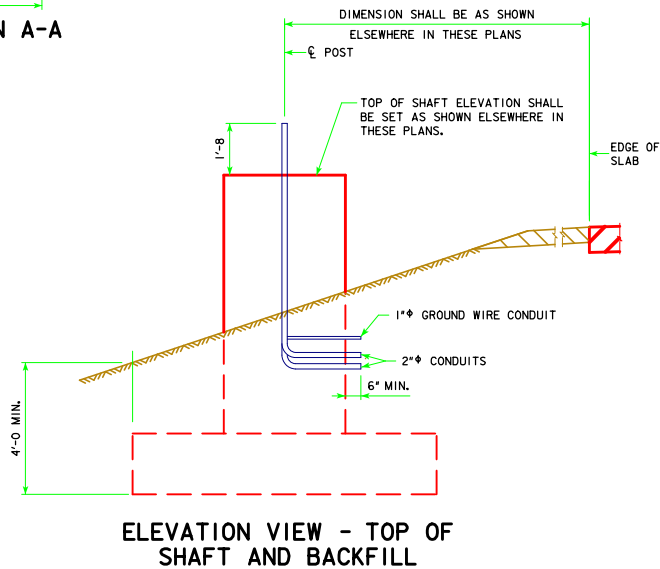
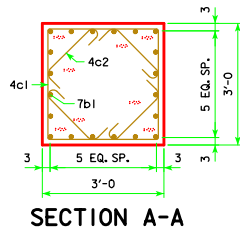
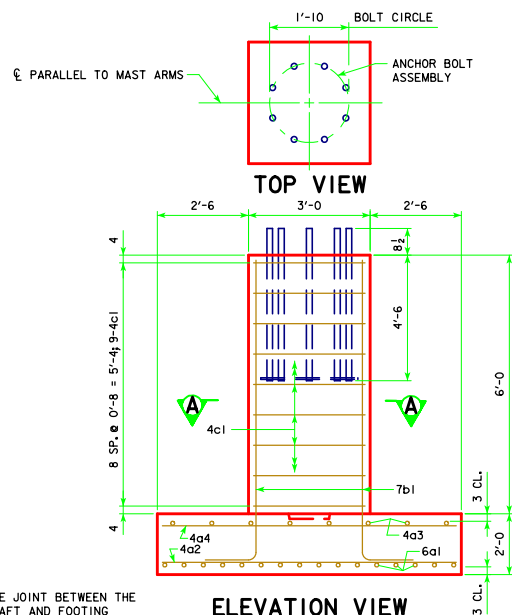
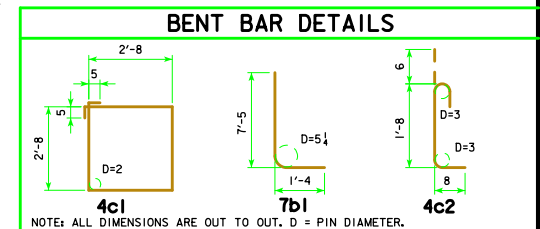




EPOXY-COATED REINFORCING BAR LIST					
BAR	LOCATION	SHAPE	NO.	LENGTH	WEIGHT
6a1	FOOTING BOTT., LONGIT.		16	15'-8	377
4a2	FOOTING BOTT., TRANSV.		16	7'-8	82
4a3	FOOTING TOP, LONGIT.		8	15'-8	84
4a4	FOOTING TOP, TRANSV.		16	7'-8	82
7b1	FOOTING TO SHAFT DOWEL		20	8'-9	358
4c1	SHAFT HOOPS		9	11'-6	69
4c2	SHAFT TIES		36	2'-10	68
REINFORCING STEEL - EPOXY COATED TOTAL (LBS.)					1120



CONCRETE PLACEMENT QUANTITIES	
(ONE FOOTING)	
SHAFT	2.0
FOOTING	9.5
TOTAL - CU. YDS.	11.5

ESTIMATED FOOTING QUANTITIES		
(ONE FOOTING)		
ITEM	UNIT	QUANTITY
STRUCTURAL CONCRETE	CU. YDS.	11.5
REINFORCING STEEL-EPOXY COATED	LBS.	1120

LATEST REVISION DATE

APPROVED BY BRIDGE ENGINEER

Iowa Department of Transportation
Highway Division

STANDARD DESIGN

ROADSIDE DYNAMIC MESSAGE SIGN (D.M.S.) SUPPORT

SEPTEMBER, 2010

FOOTING DETAILS

DMS-SS5-10