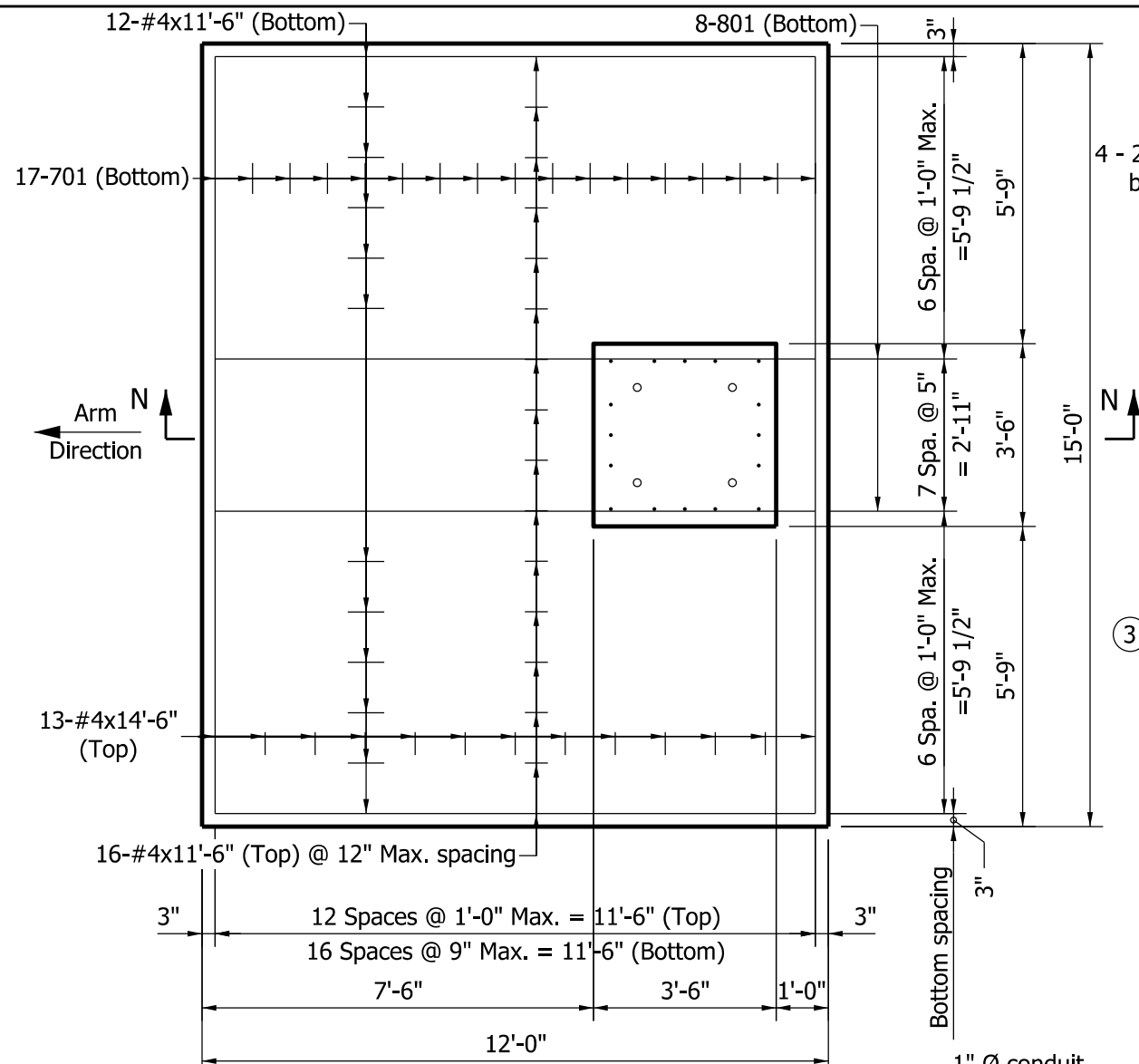
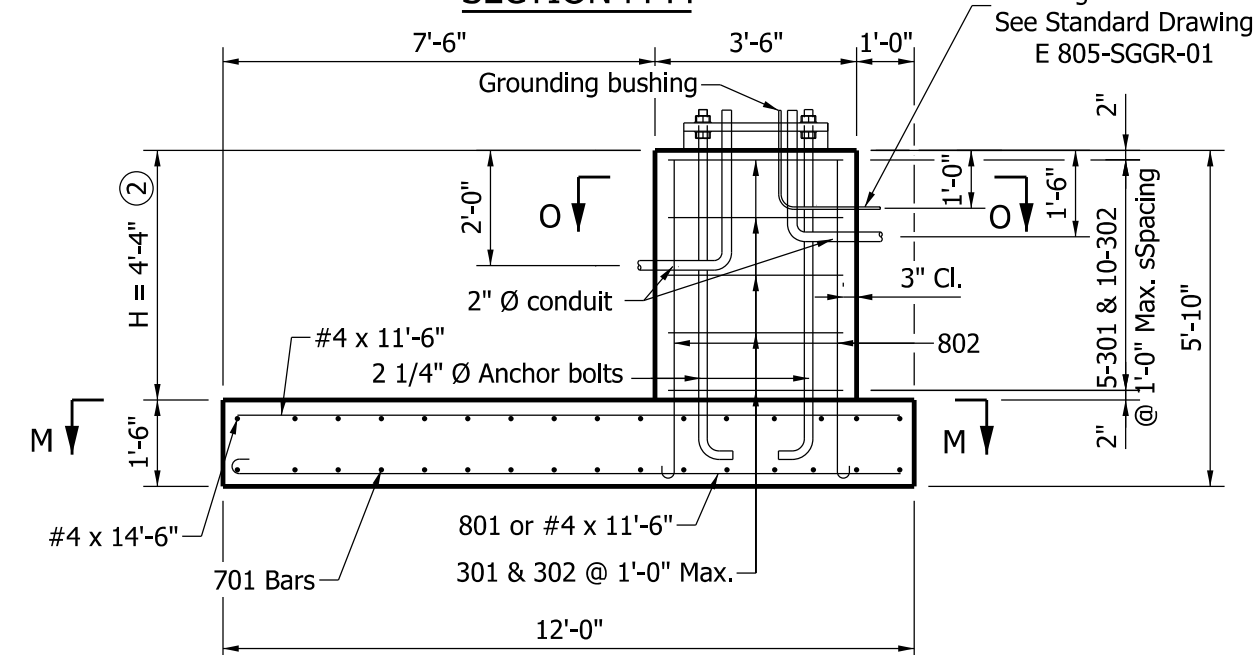
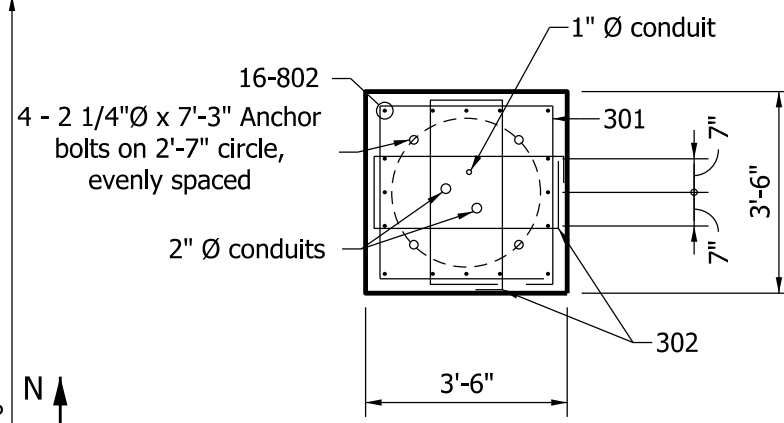




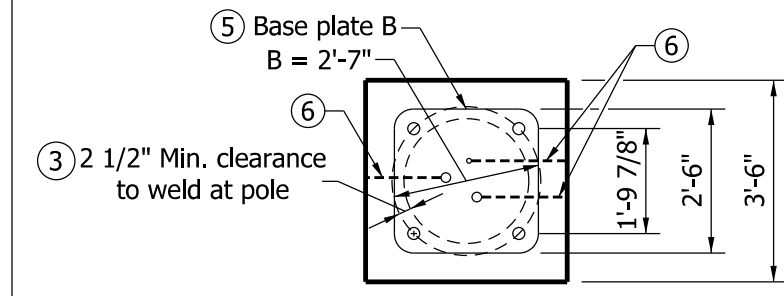
SECTION M-M



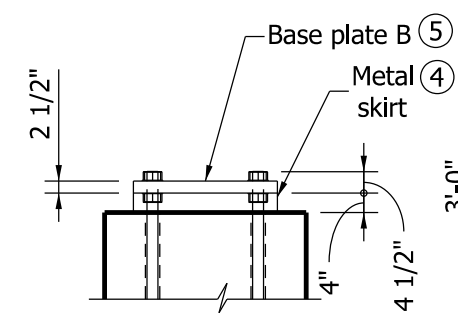
SECTION N-N



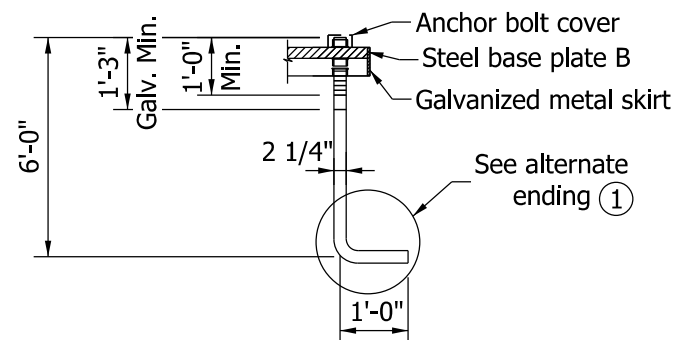
SECTION O-O



PLAN



ELEVATION



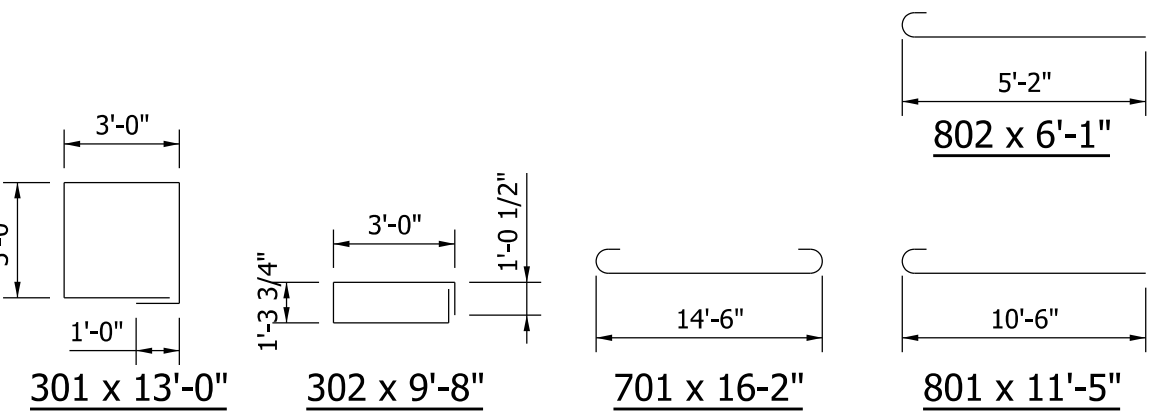
ANCHOR BOLT D DETAIL

NOTES:

- ① Alternate 8" x 8" x 1/2" square plate tapped and welded to anchor bolt may be substituted for the bent anchor bolt.
- ② Minimum H required is 4 ft. soil cover over the entire footing area.
- ③ Bolt circle, B, shall allow clearance for the plate washer. Cutting or trimming the washer will not be allowed.
- ④ See Standard Drawing E 805-TSCS-16 for metal skirt details.
- ⑤ See Standard Drawing E 805-TSCS-03 for base plate B details.
- ⑥ A tooled line or other type of permanent marking shall be provided on the top of the foundation to indicate the direction of the conduits.

BILL OF MATERIALS
SPREAD FOOTING
TYPE D

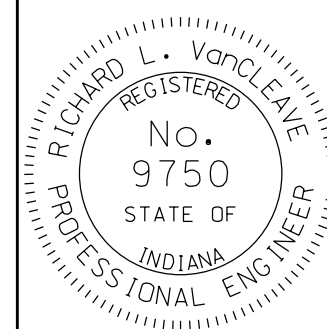
REINFORCING BARS			
SIZE OR MARK	NUMBER OF BARS	LENGTH	WEIGHT (lbs.)
801	8	11'-5"	
802	16	6'-1"	
Total #8			504
701	17	16'-2"	
Total #7			562
#4	13	14'-6"	
#4	28	11'-6"	
Total #4			341
301	5	13'-0"	
302	10	9'-8"	
Total #3			61
Total Reinforcing Bars			1468
CONCRETE			
Concrete, Class A			12.0 CYS



INDIANA DEPARTMENT OF TRANSPORTATION

TRAFFIC SIGNAL CANTILEVER STRUCTURE
SPREAD FOOTING FOUNDATION TYPE D
FOR ARM OF GREATER THAN 35' TO 60'
SEPTEMBER 2012

STANDARD DRAWING NO. E 805-TSCS-18



/s/ Richard L. VanCleave 09/04/12
SUPERVISOR, ROADWAY STANDARDS DATE

/s/ Mark A. Miller 09/04/12
CHIEF ENGINEER DATE