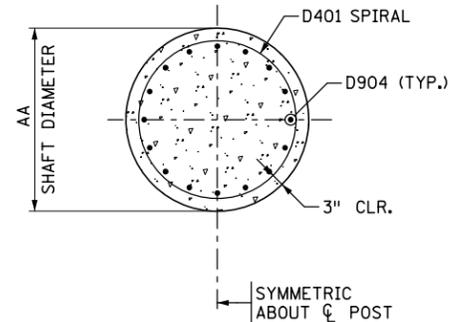
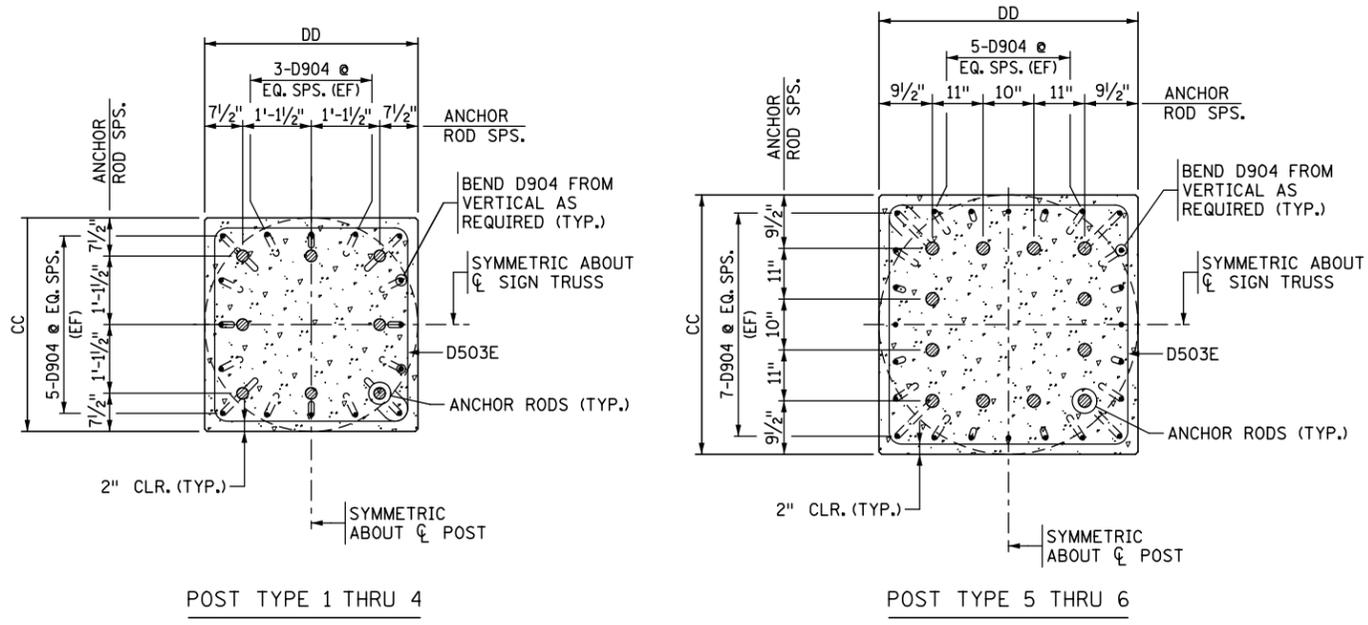
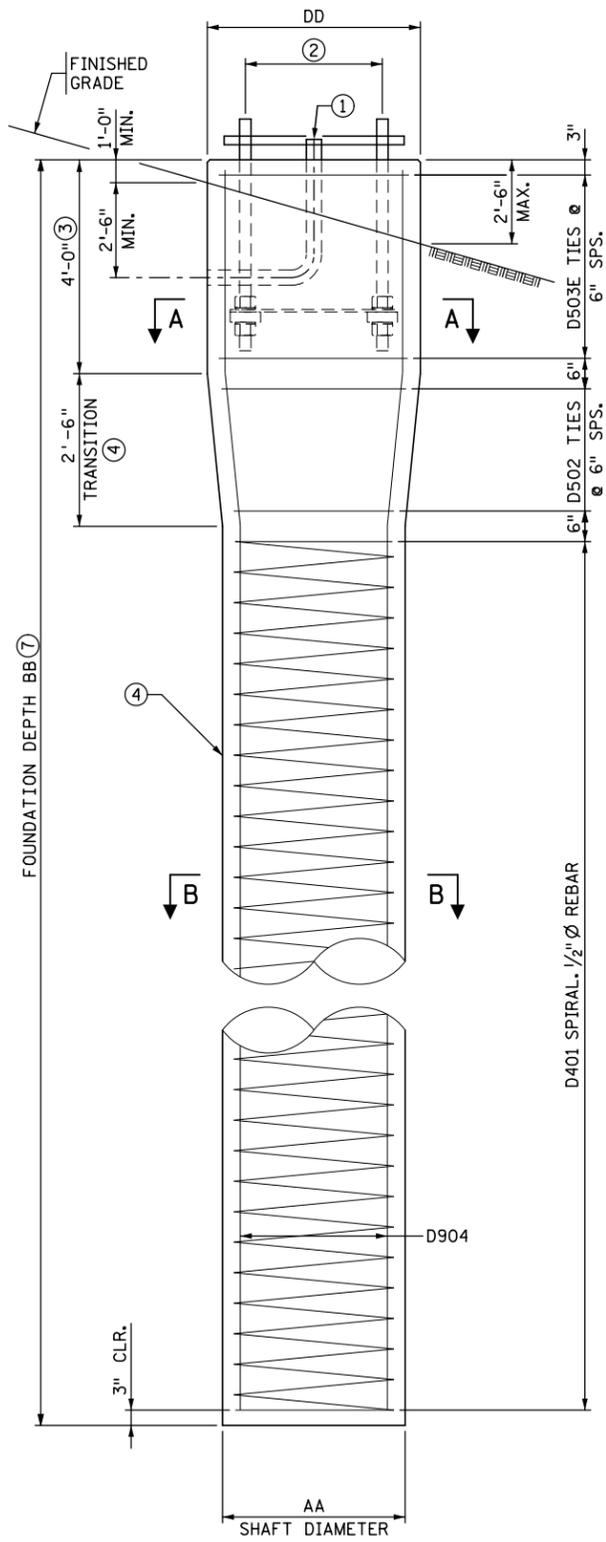


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 PLOTTED/REVISED: 2-MAR-2020



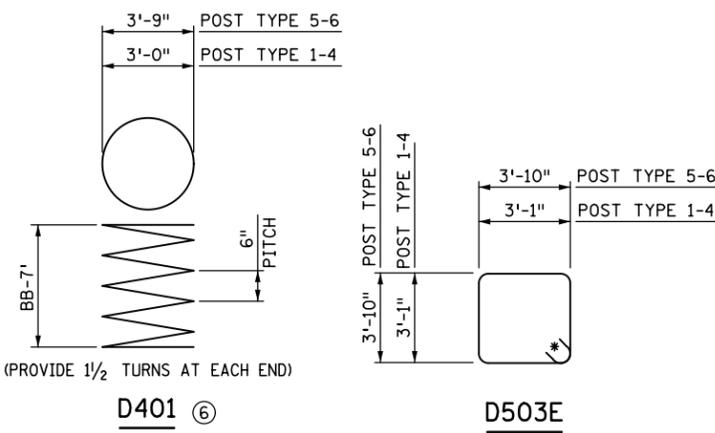
FOUNDATION DATA AND QUANTITIES							
POST TYPE	DRILLED SHAFT DIMENSIONS				STRUCTURAL CONCRETE (3G52) CU YD	REINFORCEMENT BARS POUND	ANCHORAGE ASSEMBLY POUND
	AA	BB (7)	CC	DD			
1-4	3'-6"	VARIABLES	3'-6"	3'-6"	0.51 + 0.36BB	560 + 68(BB-7')	799
5-6	4'-3"	VARIABLES	4'-3"	4'-3"	0.75 + 0.53BB	786 + 98(BB-7')	1392

BILL OF REINFORCEMENT - DRILLED SHAFTS						
BAR	POST TYPE				SHAPE	LOCATION
	POST TYPE 1-4		POST TYPE 5-6			
	QTY.	LENGTH	QTY.	LENGTH		
D401	1	BB - 7'	1	BB - 7'	SPIRAL	DRILLED SHAFT SPIRAL
D502	5	14'-1"	5	17'-1"	—	TRANSITION TIES
D503E	8	13'-7"	8	16'-7"	—	PEDESTAL TIES
D904	16	BB - 5"	24	BB - 5"	—	DRILLED SHAFT VERTICALS

**BAR BENDING DIAGRAMS**

BENT BAR DIMENSIONS GIVEN ARE OUT-TO-OUT. DETERMINE ACTUAL BAR LENGTHS BASED ON THE DETAIL DIMENSIONS SHOWN IN THE BAR BENDING DIAGRAMS.

\* DENOTES STANDARD STIRRUP HOOK.



**NOTES:**

- SEE SPECIAL PROVISIONS FOR ADDITIONAL INFORMATION REGARDING DRILLED SHAFT FOUNDATIONS.
- PERMANENT CASINGS ARE NOT ALLOWED FOR DRILLED SHAFT FOUNDATIONS. USE PREFORMED JOINT FILLER BETWEEN THE FOUNDATION AND SIDEWALK OR OTHER CONCRETE AREAS.
- COLD CONCRETE CONSTRUCTION JOINTS ARE NOT PERMITTED.
- CURE CONCRETE A MINIMUM OF SEVEN DAYS PRIOR TO PLACING POST AND TRUSS.
- ALL CONCRETE SHALL CONFORM TO CONCRETE MIX 3G52 (SPEC. 2461).
- EPOXY COAT BARS MARKED WITH THE SUFFIX "E" IN ACCORDANCE WITH SPEC. 3301.
- (EF) DENOTES EACH FACE.
- (1) 1/2" AND 3" SERVICE CONDUITS. HOWEVER, IF DMS IS MOUNTED ON THE SPAN, F&I CONDUIT PER PLAN.
- (2) SEE STANDARD PLANS 5-297.763 FOR ANCHOR ROD ASSEMBLY DETAILS.
- (3) FORM A MINIMUM OF 6" BELOW THE GROUND SURFACE. BACKFILL AND TAMP THE EXCAVATIONS REQUIRED FOR FORMING PER SPEC. 2105.3.F.2. BACKFILL MATERIAL AND COMPACTION TO BE EQUIVALENT TO THE SURROUNDING MATERIAL.
- (4) EXCAVATE TO NEAT LINES AND PLACE CONCRETE AGAINST UNDISTURBED SOIL.
- (5) BEND AS REQUIRED TO FORM A CLOSED LOOP.
- (6) MAKE SPLICES WHERE NECESSARY BY A LAP OF 1/2 TURNS.
- (7) SEE SIGNING PLANS FOR REQUIRED DRILLED SHAFT LENGTH.

**STANDARD OVERHEAD SIGN STRUCTURES - DESIGN D**  
VARIABLE LENGTH DRILLED SHAFT DETAILS