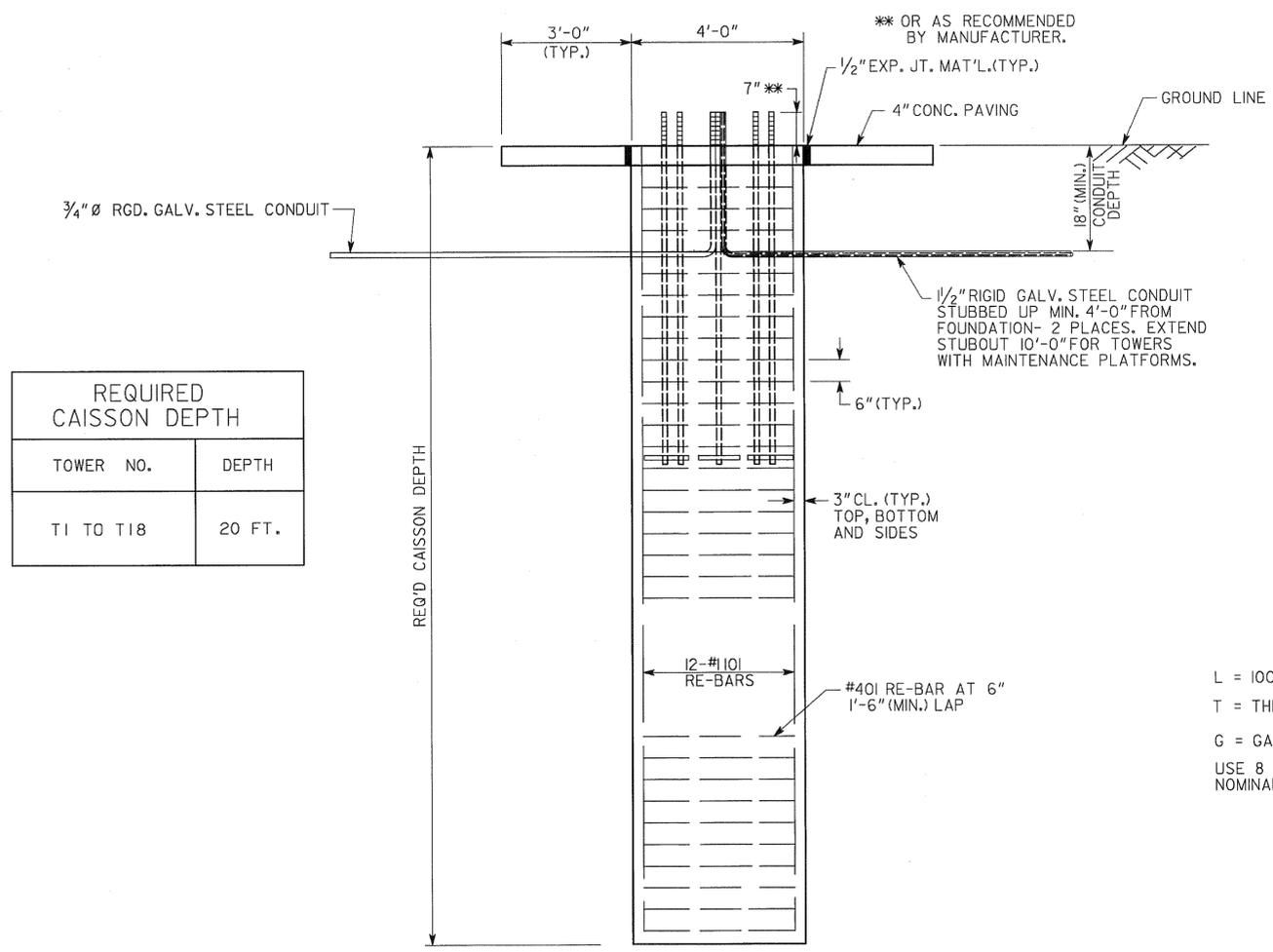
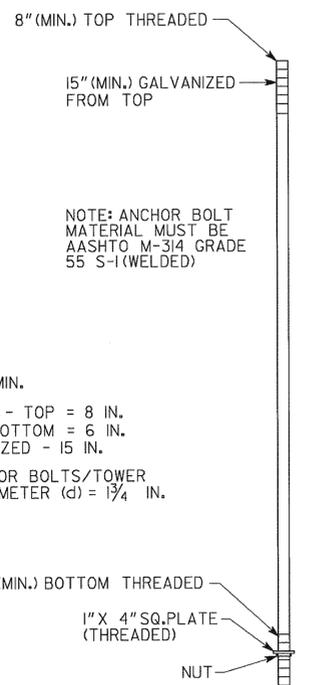


LOCATION	NO. OF LOC.	MARK	LENGTH		NO. BARS REQ'D.	TYPE	AG	B		C		D		E		F		H		J		K		N	θ
			FT.	IN.				FT.	IN.																
T1 TO T18	18																								
		401	12	6	40	33		1	6	1	9														
		1101	19	6	12	1																			



TOWER NO.	DEPTH
T1 TO T18	20 FT.



L = 100 IN. MIN.  
T = THREAD - TOP = 8 IN.  
                  BOTTOM = 6 IN.  
G = GALVANIZED - 15 IN.  
USE 8 ANCHOR BOLTS/TOWER  
NOMINAL DIAMETER (d) = 1 3/4 IN.

CAISSON FOOTING DETAILS

NORMAL ANCHOR BOLT

NOTES:

- SPECIFICATIONS - GEORGIA STANDARD SPECIFICATIONS, 2001 EDITION AND 2008 SUPPLEMENTAL SPECIFICATIONS, AS MODIFIED BY CONTRACT DOCUMENTS.
- REINFORCING STEEL - TIE AND PLACE ALL REINFORCING STEEL IN ACCORDANCE WITH THE GEORGIA DOT SPECIFICATIONS. DO NOT WELD REINFORCING STEEL. SEE GEORGIA DOT STD. 3901 FOR BAR TYPES AND BAR BENDING DETAILS.
- CHAMFER - CHAMFER ALL EXPOSED CONCRETE EDGES 3/4 INCH UNLESS OTHERWISE NOTED.
- CASING - CASING WILL BE REQUIRED AT LIGHT TOWER LOCATIONS T1, T14 AND T18, TO INSTALL THE DRILLED SHAFTS DUE TO THE PRESENCE OF GROUNDWATER. ADDITIONALLY, A TREMIE PIPE WILL BE REQUIRED TO PLACE CONCRETE IN ALL SHAFT LOCATIONS IF THE EXCAVATIONS CANNOT BE DEWATERED. ALTERNATELY, A SLURRY CONSTRUCTION MAY BE CONSIDERED. COST TO BE INCLUDED IN OVERALL FOUNDATION PRICE BID.
- INCIDENTAL ITEMS - INCLUDE THE COST INCIDENTAL TO THE WORK NOT SPECIFICALLY COVERED BY THE GEORGIA STANDARD SPECIFICATIONS, SUPPLEMENTAL SPECIFICATIONS, AND/OR SPECIAL PROVISIONS IN THE OVERALL BID SUBMITTED.
- POLE LOCATIONS - SEE PLAN SHEETS.
- CONCRETE - ALL CONCRETE WILL BE CLASS "A".
- ANCHOR BOLTS - CONTRACTOR WILL PROVIDE SHOP DRAWINGS FOR ANCHOR BOLTS. SHOP DRAWINGS MUST INCLUDE NUMBER, SIZE, LOCATION, GRADE OF MATERIAL, AND ALL DIMENSIONS REQUIRED TO COMPLETE THE ANCHOR BOLT LAYOUT PLAN SHOWN ON THIS SHEET. WORK WILL NOT BEGIN UNTIL SHOP DRAWINGS ARE APPROVED BY THE ENGINEER. COST OF ANCHOR BOLTS WILL BE INCLUDED IN THE COST OF THE TOWERS.

ITEM	T1 TO T18	TOTAL
CU. YDS. CL. "A" CONCRETE	9.3	167.4
LBS. BAR REINF. STEEL	1578	28404
SQ. YDS. CONC. SLOPE PAV. 4 IN.	9.7*	126.1*

Δ EXCAVATION FOR TOWERS TO BE INCLUDED IN THE PRICE BID FOR TOWERS.  
\* CONCRETE SLOPE PAVING DOES NOT APPLY FOR T1, T2, T15, T16 AND T17 WHERE PLATFORMS ARE NEEDED (SEE DRAWING 25-14). TOTAL QUANTITY IS BASED ON 13 CAISSONS.

**A**TLANTA  
**E**NSULTING  
**E**NGINEERS  
500 SUN VALLEY DRIVE  
UNIT G2  
ROSWELL, GEORGIA 30076  
daleace.fdn.com  
Tel: 678-205-2240  
Fax: 678-205-2239



REVISION DATES

NO.	DATE	DESCRIPTION

STATE OF GEORGIA  
DEPARTMENT OF TRANSPORTATION  
OFFICE OF ROAD AND AIRPORT DESIGN  
LIGHTING FOUNDATION  
CAISSONS AT TOWERS T1 TO T18  
CSNHS-0008-00(544), P.I. NO. 0008544  
I-85 AT SR 154 INTERCHANGE  
Coweta County