

# GENERAL NOTES

# VOID

SPECIFICATIONS - GEORGIA STANDARD SPECIFICATIONS, 2001 EDITION, AND 2008 SUPPLEMENTAL SPECIFICATIONS AS MODIFIED BY CONTRACT DOCUMENTS.

REINFORCING STEEL - PLACE AND TIE ALL REINFORCING STEEL IN ACCORDANCE WITH THE GEORGIA DOT SPECIFICATIONS. DO NOT WELD REINFORCING STEEL.

INCIDENTAL ITEMS - INCLUDE THE COST INCIDENTAL TO THE WORK THAT IS NOT SPECIFICALLY COVERED BY THE GEORGIA STANDARD SPECIFICATIONS, SUPPLEMENTAL SPECIFICATIONS AND/OR SPECIAL PROVISIONS IN THE OVERALL BID SUBMITTED.

POLE LOCATIONS - SEE LIGHTING PLANS.

CASING - CASING SHALL BE REQUIRED 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.

### DESIGN DATA

SPECIFICATIONS ----- AASHTO STANDARD SPECIFICATIONS FOR STRUCTURAL SUPPORTS FOR HIGHWAY SIGNS, LUMINAIRES, AND TRAFFIC SIGNALS, 5TH EDITION

CONCRETE ----- CLASS A,  $f'_c = 3,000$  PSI

REINFORCEMENT STEEL: -----  $f_y = 60,000$  PSI

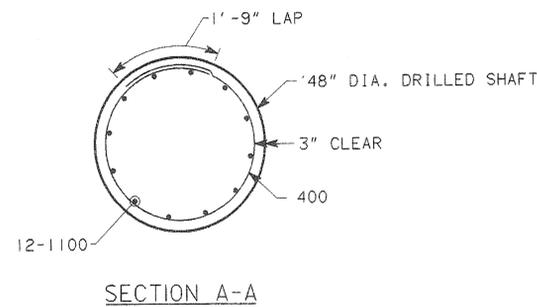
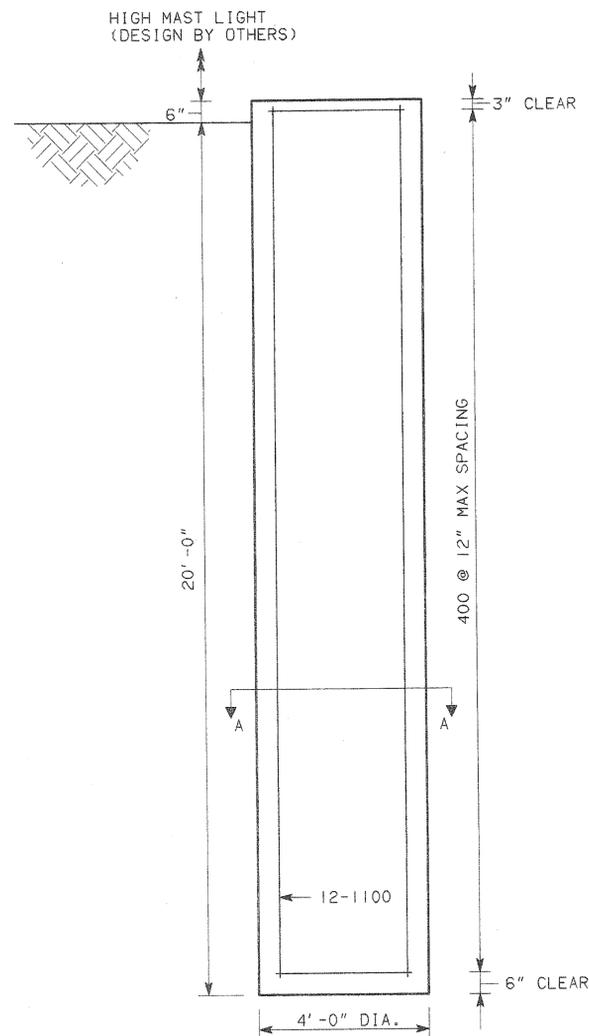
WIND SPEED: ----- 90 MPH

### SUMMARY OF QUANTITIES

PAY ITEM NUMBER	QUANTITY	UNIT	PAY ITEM
500-3101	10	CY	CLASS A CONCRETE
511-1000	1438	LB	BAR REINF STEEL

**NOTES:**

- MAX HEIGHT OF LIGHT POLE = 130'
- DRILLED SHAFTS ARE DESIGNED FOR AN ALLOWABLE BEARING CAPACITY OF 4 KSF
- ANCHOR BOLTS NOT SHOWN. ANCHOR BOLTS TO BE PROVIDED BY LIGHT POLE MANUFACTURER.
- COORDINATE CONDUIT WITH REBAR LOCATIONS. SEE LIGHTING PLANS.



LOCATION	NO. OF LOC.	MARK	LENGTH		NO. BARS REQ'D.	TYPE	AG	B		C		D		E		F		H		J		K		N	Ø
			FT.	IN.				FT.	IN.																
EACH LOCATION																									
		400	12	9	21	33		1	9	1	9														
		1100	19	9	12	1																			



02-23-11  
DRAWING NO. 25-23  
LIGHTING SHEET 23 OF 23

**Heath & Lineback Engineers**  
INCORPORATED  
2390 CANTON ROAD, BUILDING 200  
MARIETTA, GEORGIA 30066-5393

GEORGIA  
**DEPARTMENT OF TRANSPORTATION**  
ENGINEERING DIVISION-OFFICE OF BRIDGES AND STRUCTURES

HIGH MAST LIGHTING FOUNDATION DETAILS  
I-520 OVER SR 4/US 1 (DEANS BRIDGE ROAD)  
RICHMOND COUNTY NH000-0520-01(017)

SCALE: 1" = 20'-0"      FEBRUARY 2010

DESIGNED: BCB	CHECKED: RLF/MS	REVIEWED: WEI/WMD
DRAWN: BCB	DESIGN GROUP: RAG	APPROVED: PVL

J:\2005013\BRIDGE\2005013.LIGHTING FOUNDATION.DGN