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ACC: 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100

Shipping Parts List							
Ship each pole with the following attached: enlarged hand hole, pole cap, fixed arm connection bolts and washers, and any additional hardware listed in the table.							
Nominal Arm Length	30' Poles with Luminaire	24' Poles with ILSN	19' Poles with no Luminaire and no ILSN				
	See note above plus: one (or two if ILSN attached) small hand hole, clamp-on simplex	See note above plus one small hand hole	See note above				
Single Mast Arm							
Lf ft.	Designation	Quantity	Designation	Quantity	Designation	Quantity	
50	50L		50S		50		
55	55L	4	55S		55		
60	60L	3	60S		60		
65	65L		65S		65		
Dual Mast Arm							
Lf ft.	Lc ft.	Designation	Quantity	Designation	Quantity	Designation	Quantity
50	20	5020L		5020S		5020	
	24	5024L		5024S		5024	
	28	5028L		5028S		5028	
	32	5032L		5032S		5032	
	36	5036L		5036S		5036	
55	40	5040L		5040S		5040	
	44	5044L		5044S		5044	
	20	5520L		5520S		5520	
	24	5524L		5524S		5524	
	28	5528L		5528S		5528	
60	32	5532L		5532S		5532	
	36	5536L		5536S		5536	
	40	5540L		5540S		5540	
	44	5544L		5544S		5544	
	20	6020L		6020S		6020	
65	24	6024L		6024S		6024	
	28	6028L		6028S		6028	
	32	6032L		6032S		6032	
	36	6036L		6036S		6036	
	40	6040L		6040S		6040	
65	44	6044L		6044S		6044	
	20	6520L		6520S		6520	
	24	6524L		6524S		6524	
	28	6528L		6528S		6528	
	32	6532L		6532S		6532	
65	36	6536L		6536S		6536	
	40	6540L		6540S		6540	
	44	6544L		6544S		6544	

Foundation Summary Table **

Location Ident.	Avg. N Blow/ft.	No. Each	Drill Shaft *** Length (feet)
			48-A
MIDWAY AT SPRING VALLEY	10	3	66 (20.1M)
MIDWAY AT KELLER SPRINGS	10	3	66 (20.1M)
MIDWAY AT SOJOURN	10	2	44 (13.4M)
Total Drill Shaft Length			176 (53.6M)

Notes

- * Supply Option "A" unless otherwise noted
- ** Foundations may be listed separately or grouped according to similarity of location and type. Quantities are for the Contractor's information only.
- *** Decimal lengths in Design Table are to allow interpolation for other penetrometer values. Round to nearest foot for entry into Summary Table.

Abbreviations

- Lf= Fixed Arm Length
- Lc= Clamp-on Arm Length (44' Max.)

Shipping Parts List						
Traffic Signal Arms (Fixed Mount) (1 per pole) Ship each arm with listed equipment attached						
Nominal Arm Length	Type IV Arm (4 Signals) *	Luminaire Arms (1 per 30' pole)				
	3 Bracket Assembly * and 4 CGB Connectors	Nominal Arm Length		Quantity		
ft.	Designation	Quantity	8' Arm		7	
50	50IV		ILSN Arm (Max. 2 per pole) Ship with clamps, bolts and washers			
55	55IV	4	Nominal Arm Length		Quantity	
60	60IV	3	7' Arm			
65	65IV		9' Arm			
Traffic Signal Arms (80 MPH Clamp-On Mount) (1 per pole) Ship each arm with listed equipment attached						
Nominal Arm Length	Type I Arm (1 Signal)	Type II Arm (2 Signals) *	Type III Arm (3 Signals) *			
	2 CGB connector and 1 clamp w/bolts and washers	1 Bracket Assembly * and 3 CGB connectors, and 1 clamp w/bolts and washers	2 Bracket Assembly * and 4 CGB connectors, and 1 clamp w/bolts and washers			
ft.	Designation	Quantity	Designation	Quantity	Designation	Quantity
20	20I-80					
24	24I-80		24II-80			
28	28I-80		28II-80			
32			32II-80		32III-80	
36			36II-80		36III-80	
40					40III-80	
44					44III-80	
Traffic Signal Arms (100 MPH Clamp-On Mount) (1 per pole) Ship each arm with listed equipment attached						
Nominal Arm Length	Type I Arm (1 Signal)	Type II Arm (2 Signals) *	Type III Arm (3 Signals) *			
	2 CGB connector and 1 clamp w/bolts and washers	1 Bracket Assembly * and 3 CGB connectors, and 1 clamp w/bolts and washers	2 Bracket Assembly * and 4 CGB connectors, and 1 clamp w/bolts and washers			
ft.	Designation	Quantity	Designation	Quantity	Designation	Quantity
20	20I-100					
24	24I-100		24II-100			
28	28I-100		28II-100			
32			32II-100		32III-100	
36			36II-100		36III-100	
40					40III-100	
44					44III-100	
Anchor Bolt Assemblies (1 per pole)						
Anchor Bolt Diameter	Anchor Bolt Length	Quantity	Each anchor bolt assembly consists of the following: Top and bottom templates, 4 anchor bolts, 8 nuts, 8 flat washers, 4 lock washers and 4 nut anchor devices (type 2) per Standard Drawing "IS-FD". Templates may be removed for shipment.			
2 1/2"	5' - 3"	7				

STANDARD PLANS
Texas Department of Transportation
Traffic Operations Division

LONG MAST
ARM ASSEMBLY
PARTS LIST

Sheet 4 of 4 LMA (4) -

REVISIONS	DATE	FEDERAL AID PROJECT	SECTION	JOB	SHEET
4-20-01	DAL	6	0915145	344	1107
COUNTY		CONTROL		SECTION	
DALLAS		0915145		344	