

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(72-7)R-3	PEORIA	1360	1235
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

CONTRACT NO. 68200

LIGHT TOWER FOUNDATION (TYPE 2 IN-FIELD)

POLE ID	HIGH MAST TOWER LOCATION			THEORETICAL TOP OF GROUND ELEV.	EMBEDDED SHAFT LENGTH (D) (METERS)	TOWER FDN. LENGTH (L) (METERS)	BORING LOG	LENGTH (X) OF REINF. (METERS)
	STATION	OFFSET	BASE LINE					
4 WEF L-01	143+938.6	40.3R	I-74 E.B.	185.060	9.800	10.400	n/a	10.250
8 JCD L-04	39+716.0	35L	War Mem.	192.096	4.900	5.500	HMSB 110	5.350
4 JCD L-05	39+807.0	31R	War Mem.	195.954	4.900	5.500	HMSB 111	5.350
4 JAB L-02	40+000.0	27R	War Mem.	195.432	4.900	5.500	HMSB 112	5.350
6 JCD L-02	39+864.0	107L	War Mem.	193.548	6.900	7.500	HMSB 113	7.350
6 JAB L-01	39+898.0	26L	War Mem.	192.301	6.800	7.400	11 (culvert)	7.250
4 JCD L-01	40+012.0	72L	War Mem.	195.946	4.900	5.500	HMSB 115	5.350
4 JCD L-03	39+953.0	166L	War Mem.	197.040	4.900	5.500	HMSB 116	5.350
4 JEF L-01	40+123.0	23L	War Mem.	195.833	4.900	5.500	HMSB 117	5.350
4 JAB L-03	40+145.0	53R	War Mem.	198.231	4.900	5.500	HMSB 118	5.350
8 JGH L-02	143+420.7	237.7L	I-74 E.B.	195.078	5.200	5.800	HMSB 119	5.650
4 JEF L-02	40+266.0	23L	War Mem.	194.247	4.900	5.500	HMSB 120	5.350
6 JGH L-01	40+208.0	24R	War Mem.	192.900	5.600	6.200	HMSB 121	6.050
6 JEF L-03	40+276.0	27R	War Mem.	191.121	6.100	6.700	HMSB 122	6.550
6 JEF L-04	143+474.4	213L	I-74 E.B.	192.602	5.500	6.100	HMSB 123	5.950
6 JEF L-05	143+527.2	117.4L	I-74 E.B.	193.207	6.000	6.600	HMSB 124	6.450
8 JGH L-03	143+461.1	106L	I-74 E.B.	192.523	4.900	5.500	HMSB 125	5.350
6 SHI L-05	143+415.0	28L	I-74 E.B.	193.314	6.200	6.800	HMSB 125	6.650
8 JGH L-04	143+504.0	44L	I-74 E.B.	191.760	4.900	5.500	HMSB 126	5.350
8 WCD L-02	143+581.5	50L	I-74 E.B.	192.583	5.900	6.500	HMSB 127	6.350
4 WCD L-01	143+704.0	55L	I-74 E.B.	189.325	4.900	5.500	HMSB 128	5.350
4 WEF L-05	143+639.4	65.2R	I-74 E.B.	193.872	4.900	5.500	HMSB 129	5.350
4 WEF L-04	143+741.7	149.2R	I-74 E.B.	191.534	4.900	5.500	HMSB 130	5.350
4 WEF L-03	143+868.3	218R	I-74 E.B.	183.282	4.900	5.500	HMSB 131	5.350
8 WEF L-02	143+989.7	110.6R	I-74 E.B.	184.742	5.800	6.400	HMSB 132	6.250
4 WEF L-06	144+092.0	63R	I-74 E.B.	182.036	4.900	5.500	HMSB 133	5.350
5 SHI L-01	142+902.6	29.4L	I-74 E.B.	198.602	7.000	7.600	ML-18A	7.450
5 SHI L-02	143+067.5	27L	I-74 E.B.	194.930	6.800	7.400	HMSB 7	7.250
5 SHI L-03	143+206.0	32.5L	I-74 E.B.	197.333	9.100	9.700	RWA 3S-13	9.550
6 SHI L-04	143+290.0	32L	I-74 E.B.	195.776	9.100	9.700	RWA 3N-6	9.550
5 GCD L-01	145+554.2	66.6L	I-74 E.B.	174.467	4.900	5.500	HMSB 34	5.350
5 GCD L-02	145+715.2	57.6L	I-74 E.B.	170.275	5.900	6.500	HMSB 36	6.350

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LIGHTING SHEET 51 OF 64

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION
NAME	DATE	
		LIGHT TOWER FOUNDATION (TYPE 2 IN-FIELD)

ab **alfred benesch & company**
CONSULTING ENGINEERS
205 NORTH MICHIGAN AVENUE, CHICAGO, ILLINOIS 60601

DATE: 11/12/04
DRAWN BY CDF
CHECKED BY RJW