LIGHTING SUMMARY

QUANTITIES
Made: LWL 6-6-73
Ckd: JRK 6-13-73

FED. RD. DIVISION	STATE	PROJECT	
5	OHIO	I-90-1(88) 46	

7B
III

LAKE COUNTY
LAK. 90-3.56

	REST AREAS 101	SR-44 103	WEIGH STATION 103	104		*100% STATE PARTICI-PATION	NORMAL PARTICI-PATION	TOTAL	ITEM	UNIT	DESCRIPTION TYPE CODE Y101 EXCEPT AS NOTED
											LIGHTING
		1					1	1	625	Each	Light Pole Design No. A30BB50, Style III
	4	26	6				36	36	625	Each	Light Pole Design No. AT15B34.2, Style II
	2	12	7				21	21	625	Each	Light Pole Design No. AT10B34.2, Style II
		1					1	1	625	Each	Bracket Arm, 15'-0"
	6	38	13				57	57	625	Each	Light Pole Foundation, 24" x 6'-0"
		1					1	1	625	Each	Light Pole Foundation, 24" x 10'-0"
	5	12					17	17	625	Each	Luminaire, Type II, 400 watt, 713.11
	4	29	13				46	46	625	Each	Luminaire, Type III, 400 watt, 713.11
	9	41	13				63	63	625	Each	Lamp, 400 watt, 713.04, Mercury
	12 *	40	13			12 *	53	65	625	Each	Ground Rod
	10	40	13				63	63	625	Each	Pull Box, 18-inch, Circular, 713.09
			6				6	6	606	Each	Guard Posts 710.15
	5450	9335	4245				19,030	19,030	625	Lin.Ft.	Trench, 24-inch Deep
		500					500	500	625	Lin.Ft.	Conduit, 2-inch, 713.04, Type III
		215					215	215	625	Lin.Ft.	Conduit, 3-inch, 713.04, Type III, Direct Burial
	130	295	100* 120			120 *	580	700	625	Lin.Ft.	Conduit, 3-inch, 713.04, Type III, Jacked Under Pavement
	450	3620	820				4890	4890	625	Lin.Ft.	No. 4 AWG, 600 volt Distribution Cable
	568	4000	1230				5798	5798	625	Lin.Ft.	No. 10 AWG, Pole and Bracket Cable
		9780					9780	9780	625	Lin.Ft.	1½-inch, Duct-Cable, with two No. 4 AWG, 600 volt, cables
	7360		5875				13,235	13,235	625	Lin.Ft.	1½-inch, Duct-Cable, with three No. 4 AWG, 600 volt, cables
		44	48				92	92	625	Each	Connector Kit, Type I
	6	41	14				61	61	625	Each	Connector Kit, Type II
	6	41	14				61	61	625	Each	Connector Kit, Type III
		2	12				14	14	625	Each	Connector Kit, Type VII-A
		32					32	32	625	Each	Connector Kit, Type VII-B
		2					2	2	625	Each	Connector Kit, Type VII-C
				140			140	140	605	Lin.Ft.	4" Shallow Pipe Underdrain
		Lump					Lump	Lump	625	Lump	Control Center "SR-44"
			Lump				Lump	Lump	625	Lump	Control Center "Weigh Station"
	Lump						Lump	Lump	625	Lump	Control Center No. 14
	Lump						Lump	Lump	625	Lump	Control Center No. 13
		1					1	1	605	Each	Structure Grounding System for Br.No. LAK-90-1486R
	17						17	17	625	Each	Repair of Existing Light Pole Foundation
	57						57	57	625	Each	Transformer Base Type AT-X
	90						90	90	625	Each	Wiring Extension Kit A
	17						17	17	625	Each	Connector Kit, Type V
	38						38	38	203	Each	Mounding of existing light pole foundations
	Lump						Lump	Lump	625	Each	Control Center No. 12
	Lump						Lump	Lump	625	Each	Control Center No. 11
		lump	lump				lump	lump	839	lump	High Voltage Test
		1					1	1	625	Each	Structure Grounding System for Br.No. LAK-90-1486L
Lump							Lump	Lump	619	lump	Field office
Lump							Lump	Lump	623	lump	Construction layout stakes
							Lump	Lump	614	lump	Maintaining traffic

SCALE
MADE LWL DATE 6-6-73
TRCD DATE
CKD JRK DATE 6-13-73

HOWARD, NEEDLES, TAMMEN & BERGENDOFF
CONSULTING ENGINEERS
KANSAS CITY CLEVELAND NEW YORK

Rev. 9-13-73