

NOTE: Lamp Standards, Wiring & all Appurtenances on Structure Lighting are included with Bridge Quantities.

FED. RD. DIVISION	STATE	PROJECT	
2	OHIO		

273
384

LAKE COUNTY
LAK-2-14.22

FOR DETAILS ON STANDARDS, PULL BOXES, DUCTS, & CABLE TRENCH, SEE SHEET NO. 272
FOR OTHER CONSTRUCTION DETAILS SEE SHEETS NO. 143, 144, 147, 150 & 173, 175 & 177.

- LEGEND
- ⊗ Light Standard { IES TYPE:
Type II on Ramps
Type III on SR.?
 - Underground Electric Cable
 - D- Underground Electric Duct
 - Standard Pull Box

SCHEDULE OF INTERCHANGE LIGHTING STRUCTURES

STATION	OFF SET	SIDE	STANDARD ARM				PULL BOX
			10' SINGLE	10' DOUBLE	15' SINGLE	10' X 15' DOUBLE	
S.R.2 672+38	59'	LT.			✓		✓
S.R.2 674+38	63.7'	LT.			✓		✓
S.R.2 675+19	59'	RT.			✓		✓
S.R.2 676+38	70.6'	LT.			✓		✓
S.R.2 682+38	69'	LT.			✓		✓
S.R.2 683+19	69'	RT.			✓		✓
S.R.2 684+38	70'	LT.			✓		✓
S.R.2 685+00	85'	RT.			✓		✓
S.R.2 686+38	59'	LT.			✓		✓
S.R.2 687+09	59'	RT.			✓		✓
S.R.2 688+38	59'	LT.			✓		✓
S.R.2 689+00	59'	RT.			✓		✓
S.R.2 690+38	59'	LT.			✓		✓
S.R.2 690+90	59'	RT.			✓		✓
S.R.2 692+38	85'	LT.			✓		✓
S.R.2 693+00	69'	RT.			✓		✓
S.R.2 694+38	70'	LT.			✓		✓
S.R.2 695+00	69'	RT.			✓		✓
S.R.2 696+38	69'	LT.			✓		✓
S.R.2 697+00	65'	RT.			✓		✓
RAMP C-C' 10+40	22'	LT.	✓				✓
RAMP C-C' 12+00	21'	LT.	✓				✓
RAMP C-C' 15+85	23'	LT.	✓				✓
RAMP C-C' 17+40	23'	LT.	✓				✓
RAMP C-C' 19+00	22.9'	LT.	✓				✓
RAMP C-C' 19+00	11'	RT.					✓
RAMP D-D' 10+70	27.5'	LT.	✓				✓
RAMP D-D' 11+91	27.5'	LT.	✓				✓
RAMP D-D' 11+91	29.5'	RT.					✓
RAMP D-D' 13+66	27.5'	LT.	✓				✓
RAMP D-D' 15+41	9'	LT.	✓				✓
RAMP D-D' 16+05	11'	LT.	✓				✓
RAMP D-D' 17+16	9'	LT.	✓				✓
RAMP D-D' 18+91	21'	RT.	✓				✓
RAMP D-D' 20+66	21'	RT.	✓				✓
RAMP E-E' 10+75	11'	LT.					✓
RAMP E-E' 10+75	20'	RT.	✓				✓
RAMP E-E' 12+10	11'	LT.					✓
RAMP E-E' 13+52	11'	LT.					✓
RAMP E-E' 15+10	11'	LT.					✓
RAMP E-E' 16+84	23'	RT.	✓				✓
RAMP E-E' SR 10+60	27.5'	RT.	✓				✓
RAMP E-E' SR 11+96	27.5'	RT.	✓				✓
RAMP F-F' 10+20	22'	LT.	✓				✓
RAMP F-F' 13+48	9'	RT.	✓				✓
RAMP F-F' 15+30	22'	LT.	✓				✓
RAMP F-F' 16+75	21'	LT.	✓				✓
RAMP F-F' 18+15	21'	LT.	✓				✓
RAMP F-F' 19+54	21'	LT.	✓				✓
RAMP F-F' 20+92	11'	RT.	✓				✓
RICHMOND ST. 32+00	62'	RT.					✓
RAMP D-D' 20+66	11'	LT.					✓
RAMP E-E' 16+84	11'	LT.					✓

NOTE: Cable Trench to be located as shown on Sheet No. 272, unless otherwise shown on this plan.
NOTE: Wiring Diagram consists of two circuits designated as A-1 & A-2.

NOTE: Lamp Standards, Wiring & all Appurtenances on Structure Lighting are included with Bridge Quantities.

NOTE: Power Source from Painesville Electric Company. Circuits A-1 & A-2 to be supplied through Conduit & Wiring to Pull Box at Station 28+52. SEE SHEET NO. 282.

(L) LIGHTING

REF. NO.	LOCATION	STANDARD WITH ARM				LUMINAIRES FOUNDATION WITH BALLAST FOR STANDARDS	2" DUCT SINGLE	CABLE TRENCH 590	SINGLE CONDUCTOR		STANDARD PULL BOXES
		10' SINGLE	10' DOUBLE	15' SINGLE	10' X 15' DOUBLE				NO 4 TYPE RHW USE WIRE 1780	NO 10 TYPE RHW USE WIRE 120	
		EA.	EA.	EA.	EA.	L.F.	L.F.	L.F.	L.F.	EA.	
1-L	CIRCUIT A-1	12	0	11	23	245	3785	9460	640	27	
2-L	CIRCUIT A-2	8	2	8	22	19	3425	8430	600	26	
	TOTALS	20	2	19	45	42	7210	17890	1240	53	

RICHMOND STREET INTERCHANGE LIGHTING PLAN