

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	04-0009700BR	WILLIAMSON	272	79
STA.		TO STA.		
FED. ROAD DIST. NO. 9		ILLINOIS	FED. AID PROJECT	

TABULATION OF UNIT DUCT QUANTITIES

FROM	TO	DISTANCE	UNIT DUCT 2*6XLP, 1*GG	UNIT DUCT 2*8XLP, 1*BG	TRENCH & BACKFILL	COMMENT
SERVICE INSTALLATION	CONTROLLER	51			51	SEE PLAN SHEET NOTES FOR CONDUIT AND CONDUCTOR
CONTROLLER	H16	58		74	58	
CONTROLLER	H15	88	107		46	
H15	H14	238	252		238	
H14	H13	265	279		265	
H13	H12	259	273		259	
H12	H11	298	312		298	
H11	H10	118	132		118	
H10	H9	246	260		246	
H9	H8	246	260		246	
H8	H7	246	260		246	
H7	H6	246	260		246	
H6	H5	246	260		246	
H5	H4	246	260		246	
H4	H3	246	260		246	
H3	H2	246	260		246	
H2	H1	246	260		246	
CONTROLLER	D4	292		309	292	
D4	D3	235		249	235	
D3	D2	235		249	235	
D2	D1	235		249	235	
CONTROLLER	D5	323	342		226	
D5	D6	239	253		239	
D6	D7	235	249		235	
D7	D8	235	249		235	
D8	D9	235	249		235	
D9	D10	235	249		235	
D10	D11	235	249		235	
D11	D12	243	257		243	
D12	D13	243	257		243	
TOTAL			6049	1130	6670	

CITY OF MARION
MORGAN AVENUE
ILLINOIS DEPARTMENT OF TRANSPORTATION
LUMINAIRE PERFORMANCE TABLE
IDOT Contract No. 98994

1/1/03

GIVEN CONDITIONS

ROADWAY DATA:	Pavement Width	16 FT
	Number Of Lanes	1
	Median Width	NA
	IES Surface Classification	R3
	Q-Zero Value	0.97
LIGHT POLE DATA:	Mounting Height	50 FT
	Mast Arm Length	19 FT
	Pole Set-Back From Edge Of Pavement	20 FT
LUMINAIRE DATA:	Lamp Type	HPS
	Lamp Lumens	60000
	IES Vertical Distribution	8
	IES Control Of Distribution	C
	IES Lateral Distribution	3
	Total Light Loss Factor	0.684
LAYOUT DATA:	Spacing	246 FT
	Configuration	One Side Only
	Luminaire Overhang Over Edge Of Pavement Lane	-6 FT

NOTE: Variations from the above specified IES distribution pattern may be requested and acceptance of variations will be subject to review by the Engineer based on how well the performance requirements are met.

PERFORMANCE REQUIREMENTS

NOTE: These performance requirements shall be the minimum acceptable standards of photometric performance for the luminaire, based on the given conditions listed above.

ILLUMINATION:	Average Horizontal Illumination, (E _{av})	0.9 Lux
	Uniformity Ratio, (E _{min} /E _{av})	3.0
LUMINANCE:	Average Luminance: (L _{av})	0.6 Cd/m ²
	Uniformity Ratio: (L _{max} /L _{av})	3.5
	(L _{min} /L _{av})	5.0
	Maximum Walling Luminance Ratio: (L _w /L _{av})	0.3

MS: c:\gen\wpdoc\oksluminaireperformancetable

LIGHTING POLE TABULATION

POLE NO.	LOCATION	STATION	OFFSET	TRANSFORMER	FOUNDATION
				BASE	DEPTH
H1	RAMP H	0+26	20' RT.	YES	7'
H2	RAMP H	2+73	20' RT.	YES	7'
H3	RAMP H	5+19	20' RT.	YES	7'
H4	RAMP H	7+66	20' RT.	YES	7'
H5	RAMP H	10+12	20' RT.	YES	7'
H6	RAMP H	12+57	20' RT.	YES	7'
H7	RAMP H	15+03	20' RT.	YES	7'
H8	RAMP H	17+50	20' RT.	YES	7'
H9	RAMP H	19+96	20' RT.	YES	7'
H10	RAMP H	22+42	20' RT.	YES	7'
H11	RAMP H	23+62	20' RT.	YES	7'
H12	RAMP H	26+70	20' RT.	YES	7'
H13	RAMP H	29+29	20' RT.	YES	7'
H14	RAMP H	31+83	20' RT.	YES	7'
H15	RAMP H	34+06	39' RT.	YES	7'
H16	RAMP H	34+53	26' LT.	YES	7'
D1	RAMP D	102+18	20' RT.	YES	7'
D2	RAMP D	104+53	20' RT.	YES	7'
D3	RAMP D	106+88	20' RT.	YES	7'
D4	RAMP D	109+23	20' RT.	YES	7'
D5	RAMP D	111+60	20' RT.	YES	7'
D6	RAMP D	114+06	20' RT.	YES	7'
D7	RAMP D	116+42	20' RT.	YES	7'
D8	RAMP D	118+77	20' RT.	YES	7'
D9	RAMP D	121+12	20' RT.	YES	7'
D10	RAMP D	123+47	20' RT.	YES	7'
D11	RAMP D	125+82	20' RT.	YES	7'
D12	RAMP D	128+31	20' RT.	YES	7'
D13	RAMP D	130+84	20' RT.	YES	7'

OFFSETS ARE FROM EDGE OF PAVEMENT TO CENTER OF POLE.

REVISIONS		DATE
NAME		

ILLINOIS DEPARTMENT OF TRANSPORTATION
LIGHTING PLAN
SCHEDULE OF QUANTITIES
MORGAN AVENUE INTERCHANGE
FAV ROUTE 57 WITH FAU ROUTE 971B
WILLIAMSON COUNTY

4 OF 9

SCALE: N/A
DATE: 3-19-2007

DRAWN BY: BLR
CHECKED BY: RSD