ILLINOIS DEPARTMENT OF TRANSPORTATION
LUMINAIRE PERFORMANCE TABLE -CONVENTIONAL

GIVEN CONDITIONS

ROADWAY DATA:	Pavement Width	36FT
	Number Of Lanes	3
	Median Width	N/A
IES Surface Classification		R3
	Q-Zero Value	0.07
LIGHT POLE DATA:	Mounting Height	45FT
	Mast Arm Length	10FT
	Pole Set-Back From Edge Of Pavement	15FT
LUMINAIRE DATA:	Lamp Type	HPS
	Lamp Lumens	28500
	IES Vertical Distribution	M
	IES Control Of Distribution	EC
	IES Lateral Distribution	3
	Total Light Loss Factor	0.684
LAYOUT DATA:	Spacing	130FT
	Configuration	SINGLE SIDE
	Luminaire Overhang Over Edge Of Pavement Lane	-5FT

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_{AVE})		9Lux
	Uniformity Ratio, (E_{AVE}/E_{MIN})		3
LUMINANCE:	Average Luminance: (L_{AVE})		0.6Cd/m^2
	Uniformity Ratios:	(L_{AVE}/L_{MIN})	3.5
		(L_{MAX}/L_{MIN})	6
	Maximum Veiling Luminance Ratio:	(L_V/L_{AVE})	0.3

ILLINOIS DEPARTMENT OF TRANSPORTATION
LUMINAIRE PERFORMANCE TABLE - UNDERPASS

GIVEN CONDITIONS

ROADWAY DATA:	Pavement Width	45FT
	Number Of Lanes	3
	Median Width	N/A
IES Surface Classification		R3
	Q-Zero Value	0.07
LIGHT POLE DATA:	Mounting Height	16FT
	Mast Arm Length	N/A
	Pole Set-Back From Edge Of Pavement	6FT
LUMINAIRE DATA:	Lamp Type	HPS
	Lamp Lumens	9800
	IES Vertical Distribution	S
	IES Control Of Distribution	NC
	IES Lateral Distribution	4
	Total Light Loss Factor	0.684
LAYOUT DATA:	Spacing	75FT
	Configuration	Staggered
	Luminaire Overhang Over Edge Of Pavement Lane	-6FT

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_{AVE})		9Lux
	Uniformity Ratio, (E_{AVE}/E_{MIN})		3
LUMINANCE:	Average Luminance: (L_{AVE})		0.6Cd/m^2
	Uniformity Ratios:	(L_{AVE}/L_{MIN})	3.5
		(L_{MAX}/L_{MIN})	6
	Maximum Veiling Luminance Ratio:	(L_V/L_{AVE})	0.3

FILE NAME = c:\pw_work\pwidot\prestonme\d0133118\d876d06-sht-light.dgn	USER NAME = prestonme	DESIGNED -	REVISED -
		DRAWN -	REVISED -
	PLOT SCALE = 50.0000 ' / in.	CHECKED -	REVISED -
	PLOT DATE = 3/19/2012	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

LIGHTING
LUMINAIRE PERFORMANCE TABLES

SCALE: | SHEET NO. OF SHEETS | STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
809	135-N	ST. CLAIR	206	137
		CONTRACT NO. 76D06		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		