ILLINOIS DEPARTMENT OF TRANSPORTATION LUMINAIRE PERFORMANCE TABLE – CONVENTIONAL

GIVEN CONDITIONS

ROADWAY DATA:	Pavement Width	36	FT
	Number Of Lanes	3	1.
	Median Width		FT
	IES Surface Classification		R3
	Q-Zero Value	*******************	.07
LIGHT POLE DATA:	Mounting Height _	50	FT
	Mast Arm Length	15	FT
	Pole Set-Back From Edge Of Pavement	20	FT
LUMINAIRE DATA:	Lamp Type	HPS	
THE STREET STREET STREET STREET STREET	Lamp Lumens	5000)
	IES Vertical Distribution	M	
	IES Control Of Distribution	FC	THE PERSON NAMED IN COLUMN TWO COLUMN TO THE PERSON OF THE
	IES Lateral Distribution	3	
	Total Light Loss Factor	0.684	
LAYOUT DATA:	Spacing	240	FT
LICE OF LINES	Configuration	One Sid	ie
	Luminaire Overhang Over Edge Of Pavement Lane	-5	FT
	The statement of the st		

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}) Uniformity Ratio, (E _{Ave} /E _{Min})		0.90 3.0	
LUMINANCE:	Average Luminance Uniformity Ratios:	e: (L _{Ave}) (L _{Ave} /L _{Min}) (L _{Max} /L _{Min})	0.60 3.5 6.0	Cd/m²
	Maximum Veiling Luminance Ratio:	(L _v /L _{Ave})	0.3	

ILLINOIS DEPARTMENT OF TRANSPORTATION LUMINAIRE PERFORMANCE TABLE – UNDERPASS

GIVEN CONDITIONS

ROADWAY DATA:	Pavement Width Number Of Lanes	24 2	FT
	Median Width	N/A	
	IES Surface Classification		R3
	Q-Zero Value		.07
LIGHT POLE DATA:	Mounting Height Mast Arm Length	15	FT
	Pole Set-Back From Edge Of Pavement	6	FT
LUMINAIRE DATA:	Lamp Type	HPS	
	Lamp Lumens	16,00	10
	IES Vertical Distribution	Verv	Short
	IES Control Of Distribution	AND A SHALLOW AND A SHALLOW AND ADDRESS OF THE PARTY OF T	Cutoff
	IES Lateral Distribution	4	
	Total Light Loss Factor	0.684	,
LAYOUT DATA:	Spacing	45	FT
	Configuration	Single	<u>Side</u>
	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 _{Ave}) Uniformity Ratio, (E _{Ave} /E _{Min})		1.35 3.0	fc
LUMINANCE:	Average Luminance Uniformity Ratios:	9: (L _{Ave}) (L _{Ave} /L _{Min}) (L _{Max} /L _{Min})	0.9 3.5 6.0	Cd/m²
	Maximum Veiling Luminance Ratio:	(Ly/Lave)	0.3	

ILLINOIS DEPARTMENT OF TRANSPORTATION LUMINAIRE PERFORMANCE TABLE – TEMPORARY

GIVEN CONDITIONS

ROADWAY DATA:	Pavement Width	24	FT
	Number Of Lanes	2	
	Median Width		FT
	IES Surface Classification		R3
	Q-Zero Value		.07
HOUT DOLF DATA.	36 accession Linius	45	FT
LIGHT POLE DATA:	Mounting Height	40	THE PERSON NAMED IN COLUMN TWO IS NOT THE OWNER.
	Mast Arm Length		<u>FT</u>
	Pole Set-Back From Edge Of Pavement	30	<u>FT</u>
LUMINAIRE DATA:	Lamp Type	HPS	
	Lamp Lumens	28000)
	IES Vertical Distribution	М	
	IES Control Of Distribution	NC	
	IES Lateral Distribution	3	
	Total Light Loss Factor	0.684	
LAYOUT DATA:	Spacing	240	FT
	Configuration	One Sid	e
	Luminaire Overhang Over Edge		
	Of Pavement Lane	-30	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 _{Ave})		0.60	fc	
	Uniformity Ratio, (I	3.0		
LUMINANCE:	Average Luminance	⊋: (L _{Ave})	0.40	Cd/m ²
	Uniformity Ratios:	(LAva/Latin)	3.5	
	And the state of t	(L _{Max} /L _{Min})	6.0	
	Maximum Veiling			
	Luminance Ratio:	(L _V /L _{Ave})	0.4	

COUNTY TOTAL SHEET NO.
EFFINGHAM 1416 423

CONTRACT NO. 74293

SECTION

57/70

TO STA.

FILE NAME =	USER NAME = paul	DESIGNED -	REVISED -			
S:\Projects\403-00072_57-70\dgn\S TriLv\lighting detail	.dgn	DRAWN -	REVISED -	STATE OF ILLINOIS	LIGH	TING DETAILS PERFORMANCE TABLES
	PLOT SCALE = 40.0000 '/ IN.	CHECKED -	REVISED -	DEPARTMENT OF TRANSPORTATION		
	PLOT DATE = 3/19/2010	DATE -	REVISED -		SCALE:	SHEET NO. 34 OF 34 SHEETS STA.