	Sec		TOTAL	I mager
COUNTY NO.		OBOH77	BHRETE	NO.
*		Williamson	917	793A.
F20. 384.0	8157, NO. 7	PLANOIS PROJECT	*****	

* I -57 \$ OLD IL 13

ILLINOIS DEPARTMENT OF TRANSPORTATION LUMINAIRE PERFORMANCE TABLE

GIVEN CONDITIONS

ROADWAY DATA:	Pavement Width	24 FT
ROADWAT DATA.	Number Of Lanes	2
	Median Width	18 FT
	IES Surface Classification	R3
	O-Zero Value	.07
	Q-Zero value	
	va	45 FT
LIGHT POLE DATA:	Mounting Height	15 FT
	Mast Arm Length	
	Pole Set-Back From Edge Of Pavement	20 FT
		LIDE
LUMINAIRE DATA:	Lamp Type	HPS
	Lamp Lumens	28,000
	IES Vertical Distribution	M
	IES Control Of Distribution	FC
	IES Lateral Distribution	103
	Total Light Loss Factor	0.684
	10tal Light Loss I actor	
	Spacing	175 FT
LAYOUT DATA:	Configuration	OPP.
	Luminaire Overhang Over Edge	
	Luminaire Overnaing Over Luge	-5 FT
	Of Pavement Lane	

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})		9	Lux
LUMINANCE:	Average Luminance: (L _{Ave}) Uniformity Ratios: (L _{Ave} /L _{Min})		3.0	
	(L _{Max} /L _{Min})	6.0	3	
	Maximum Veiling Luminance Ratio:	(L _v /L _{Ave})	0.	3

ILLINOIS DEPARTMENT OF TRANSPORTATION UNDERPASS LUMINAIRE PERFORMANCE TABLE

GIVEN CONDITIONS

ROADWAY DATA:	Pavement Width	24 FT
RUADWAT DATA.	Number Of Lanes	2
	Median Width	18 FT
		R3
	IES Surface Classification	.07
	Q-Zero Value	
	Mounting Height	16 FT
MOUNTING DATA:	Set-Back From Edge Of Pavement	7.5 FT
		Pier
	Mounting Type	LIGI
	Lamp Type	HPS
LUMINAIRE DATA:	Lamp Lumens	16.000
	IES Vertical Distribution	S
	IES Control Of Distribution	NC
	IES Lateral Distribution	IV
	Maximum Candela Angle	75 DEG
	Total Light Loss Factor	0.684
	lotal Light Loss Factor	
	Canaina	50 FT
LAYOUT DATA:	Spacing	1 side only
	Configuration	. Cide Offi

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:	TION: Average Horizontal Illumination, (E _{Ave}) Uniformity Ratio, (E _{Ave} /E _{Min})		9 Lux 3		
LUMINANCE:	Average Lun Uniformity Ratios:	nînance: (L _{Ave}) (L _{Ave} /L _{Min}) (L _{Max} /L _{Min})	0.6 Cd/m 3.5 6.0		
	Maximum Veiling Luminance Ratio:	(L _V /L _{Ave})	0.3	_	

ILLINOIS DEPARTMENT OF TRANSPORTATION LUMINAIRE PERFORMANCE TABLE

GIVEN CONDITIONS

ROADWAY DATA:	Pavement Width	36	FT
	Number Of Lanes	3	
	Median Width	40	FT
	IES Surface Classification		R3
	Q-Zero Value		.07
IGHT POLE DATA:	Mounting Height	50	FT
JOH! FOLE DATA.	Mast Arm Length	15	FT
	Pole Set-Back From Edge Of Pavement	20	FT
LUMINAIRE DATA:	Lamp Type Lamp Lumens IES Vertical Distribution IES Control Of Distribution IES Lateral Distribution Total Light Loss Factor	HPS 28,00 M FC III 0.68	-
LAYOUT DATA:	Spacing Configuration	295 OPP	FT.
	Luminaire Overhang Over Edge Of Payement Lane	-5	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})		Lux
LUMINANCE:	Average Luminance: (L _{Ave}) Uniformity Ratios: (L _{Ave} /L _{Min})		0.6	Cd/n
	Uniformity Ratios.	(L _{Max} /L _{Min})	6.0	
	Maximum Veiling Luminance Ratio:	(Lv/Lave)	0.3	

LIGHTING DETAILS
PERFORMANCE TABLES

I-57 & OLO IL 13 WILLIAMSON COUNTY