

SUMMARY OF ELECTRIC LIGHTING SYSTEM QUANTITIES (HARDWARE)		
ITEM	UNIT	QUANTITY
SOLID STATE PHOTO CELL	EACH	7
ENCLOSURE (LIGHTING CONTROL CENTER)	EACH	7
JUNCTION BOX (300 mm X 300 mm X 150 mm)	EACH	50
CABLE CONNECTORS	EACH	446
OZ EXPANSION JOINT	EACH	105
CABLE SUPPORT GRIPS	EACH	223
600 VOLT 2/C SECONDARY CABLE WITH GROUND (IN DUCT) #6 A.W.G.	METER	9000
600 VOLT 2/C SECONDARY CABLE WITH GROUND (IN CONDUIT) #6 A.W.G.	METER	2900
600 VOLT 1/C SECONDARY CABLE #10 A.W.G.	METER	10,000
GROUNDWIRE, #6 A.W.G.	METER	474
53 mm METALLIC CONDUIT	METER	1000
78 mm METALLIC CONDUIT	METER	2000
91 mm 90 DEGREE SCHEDULE 40 PVC CONDUIT BENDS 610 mm RADIUS	EACH	220
10 mm x 78 mm WEDGE TYPE ANCHOR BOLTS	EACH	260
53 mm CONDUIT CLAMPS W/ CLAMP BACKS	EACH	130
GROUND RODS WITH CLAMPS 20 mm X 3 M	EACH	171
2.5M MASTARM FOR JOINT USE POLE	EACH	8
250 WATT LUMINAIRE, AUTO REGULATOR BALLAST, HIGH PRESSURE SODIUM, I.E.S. TYPE III	EACH	231
250 WATT, 28,000 LUMEN, CLEAR HIGH PRESSURE SODIUM, 24,000 HOUR LAMP	EACH	231
FRANGIBLE BASE (320 mm BOLT CIRCLE)	EACH	118
SODIUM LUMINAIRE SPARK IGNITORS	EACH	231
41 mm SCHEDULE 40 PVC CONDUIT	METER	45,000

SUMMARY OF ELECTRIC LIGHTING SYSTEM QUANTITIES (HARDWARE)		
ITEM	UNIT	QUANTITY
12 m MOUNTING HEIGHT LIGHT STANDARD WITH 2.5 m MAST ARM	EACH	115
12 m MOUNTING HEIGHT LIGHT STANDARD MOUNTED ON MEDIAN BARRIER WITH (2) 3 m MAST ARMS	EACH	44
12 m MOUNTING HEIGHT LIGHT STANDARD WITH (2) 2.5 m MAST ARMS	EACH	3
12 m MOUNTING HEIGHT LIGHT STANDARD MOUNTED ON BRIDGE WITH 2.5 m MAST ARMS	EACH	14
GROUND MOUNTED CONCRETE JUNCTION BOX	EACH	14
RECESSED JUNCTION BOX FOR UNDERPASS LUMINAIRE	EACH	<del>104</del> 112
1000 WATT, METAL HALIDE, UNDER PASS LUMINAIRE	EACH	<del>20</del> 28
1000 WATT, 110,000 LUMEN, CLEAR METAL HALIDE 10,000 HOUR LAMP	EACH	<del>20</del> 28
100 WATT, HIGH PRESSURE SODIUM UNDER PASS LUMINAIRE	EACH	84
100 WATT, 9,500 LUMEN, CLEAR HIGH PRESSURE SODIUM 24,000+ HOUR LAMP	EACH	84
ENCLOSED AND GASKETED FLUORESCENT LIGHT FIXTURE, WITH 0 DEGREE ELECTRONIC BALLAST	EACH	8
32 WATT, 2000 LUMEN, T-8 FLUORESCENT, 20,000 HOUR LAMP	EACH	16
20A, 125V, 2P, 3W, GFCI RECEPTACLE	EACH	8
20A, 125V, SINGLE POLE TOGGLE SWITCH	EACH	8
PULL BOX FOR DUCTBANK	EACH	32
27 mm 90 DEGREE SCHEDULE 40 PVC CONDUIT BENDS 610 mm RADIUS	EACH	44
53 mm 90 DEGREE SCHEDULE 40 PVC CONDUIT BENDS 610 mm RADIUS	EACH	95

NOTE: ALL QUANTITIES ARE APPROXIMATE AND INCLUDED FOR INFORMATION ONLY. THE CONTRACTOR SHALL CONDUCT ALL WORK, AND FURNISH AND INSTALL ALL EQUIPMENT NECESSARY, TO INSURE COMPLETE AND SATISFACTORY OPERATION OF THE ELECTRIC LIGHTING SYSTEM WHETHER SPECIFICALLY MENTIONED OR NOT.

SUMMARY OF ELECTRIC LIGHTING SYSTEM QUANTITIES (MISCELLANEOUS ITEMS)		
ITEM	UNIT	QUANTITY
TRENCH AND BACKFILL	METER	19,000

BID ITEM		
ITEM	UNIT	QUANTITY
610 mm CONCRETE BASE FOR LIGHT STANDARD	EACH	118
610 mm CONCRETE BASE FOR LIGHT STANDARD (MEDIAN)	EACH	44
REMOVAL OF CONCRETE BASE	EACH	30
EXCAVATABLE FLOWABLE FILL	METER	<del>0</del> 1400
DUCTBANK	METER	<del>3818</del> 3657
ELECTRIC LIGHTING SYSTEM - LUMP SUM		
TEMPORARY LIGHTING SYSTEM - LUMP SUM		

DSNR: WAN OPER: WAN SCALE: 500  
 li/1997/97362/As-Built/s/dgn's/Vol\_3/Sh 654-WK4654.dgn Last Rev: 9-19-07 By: gdr

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NO.	DATE	REVISION	BY	APP'D
KANSAS DEPARTMENT OF TRANSPORTATION				
CONSTRUCTION QUANTITIES FOR ELECTRIC LIGHTING SYSTEM				
FE2095				
FHWA APPROVAL	DESIGNED	APP'D	LINDA G. VOSS	
JF	DETAIL	JF	QUANTITIES	TRACED
DESIGN CK.	DETAIL CK.	QUAN. CK.	TRACE CK.	

**RECORD DRAWING**