POLES, ARMS AND LUMINAIRES

SHEET NO.	POLE NO.	STA.	OFFSET	LOC.	AT-30	B-30	AT-45 D1	AT-45 2	AT-45 3	AT-45 4	AT-45 5	B-45 D3	MB-45 D3	BRACKET ARMS 4'	6'	8'	10'	12'	15'	H.P. SODIUM LUMINAIRES(I.E.S. PATTERNS) 250W I	II	III	IV	V	400W I	II	III	IV	V	150W I	II	III	IV	V	FOUNDATIONS 30' M.H.	45' M.H.	CABLES 10 AWG, 1 COND. POLE & BRKT.	CIRCUIT	
	L1	84+41.4	88.8' R	HWY. K					REUSE*										REUSE		REUSE																1	120		
	L2	83+03.8	54.0' R	HWY. K					REUSE*										REUSE		REUSE																1	120		
	L3	83+79.6	106.2' L	HWY. K					U.I.P.										U.I.P.		U.I.P.																U.I.P.	120		
	L4	84+88	46.8' L	HWY. K					U.I.P.										U.I.P.		U.I.P.																U.I.P.	120		
TOTALS EACH:																																					2	480		L.F.
ITEM NO. 901-					10.30	10.40	10.60	10.62	10.64	10.66	10.68	10.70	10.72	11.04	11.06	11.08	11.10	11.12	11.13	13.10					13.20					13.99					82.30	82.45	71.10		

* CONTRACTOR TO SALVAGE LIGHT POLES, BRACKET ARMS, AND LUMINAIRES AND RELOCATE TO THE NEW LOCATION SHOWN ON THE PLANS.

2 COND. & 1 B.N., 8 AWG

SHEET NO.	CONT. STA.	CIRCUIT			1 COND.	1-B.N.
	R	L-1			384	192
	R	L-2			210	105
	R	L-3			750	375
				SUBTOTALS:	1360	680
				TOTALS EACH:	1360	680
ITEM NO. 901-						

CONDUIT-LIGHTING

FROM	TO	DIST	TRENCH 1.5"	2"	2.5"	3"	4"			PUSHED 2"	3"	4"		REMARKS
OPS (TYPE 2)	⊠	29		43										
⊠	21	29		32										
21	(L1)	57		60										
20	(L2)	31		34										
20	21	107		105										REMOVE EXIST. PULLBOX.
21	22	24		23										UIP EXIST. CONDUIT(SEE PLANS).
22	23		U.I.P.											
22	(L3)		U.I.P.											
23	(L4)		U.I.P.											
L.F. TOTALS			-	297	-	-	-	-	-		-	-	-	
ITEM NO. 901-3_ _			1.50	2.00	2.50	3.00	3.50	4.00	5.00	ITEM NO. 901-4_ _	2.00	3.00	4.00	

PULL BOX(LIGHTING)

PULL BOX NUMBER	LOCATION APPROACH	STATION	OFFSET	PREFORMED CLASS 1	CLASS 2	CLASS 3	CLASS 5	CONC. STANDARD	DOUBLE, TYPE A	DOUBLE, TYPE B	DRAIN TYPE* I	II A	B	C
20	HWY. K	84+62.6	67.2' R	1							1			
21	HWY. K	83+56.2	68.1' R	1							1			
22	HWY. K	83+74.0	85.0' L	U.I.P.										
23	HWY. K	84+39.0	85.0' L	U.I.P.										
				2										

1 COND. CABLE, 2 AWG

SHEET NO.	CONT. STA.	CIRCUIT				L.F.
	R	POWER				135
NOTE: QUANTITY REFLECTS 3 CONDUCTOR CABLES						
				TOTALS:		140
ITEM NO. 901-						

(1) FOR LIGHTING POWER SUPPLY ASSEMBLIES SEE TRAFFIC SIGNAL PLAN SHEET D-37C.

SECONDARY SERVICE CONTROL STATION

SHEET NO.	STA.	OFFSET	LOC.	CONTROL LETTER	STD. DWG. NO.	SPCL SHEET NO.	BREAKERS(AMPS) CIRCUIT MAIN	1	2	3	4	POSTMT 1 CIR 240V	BASEMOUNT 1 CIR 240V	SINGLE 240V	MULTI 240V	SINGLE 480V	MULTI 480V
	83+28.7	61.3' RT.	HWY. K	L			50	15	15	15					1		
TOTALS EACH:															1		
ITEM NO. 901-															99.98		

1 REVISED FOR MoDOT COMMENTS AND VALUE ENGINEERING 03/10/05

P&Z NOS: 98-126.03
98-126.04

05/05/05

STATE OF MISSOURI
GEORGE MICHAEL STOCK
NUMBER E-25116
REGISTERED PROFESSIONAL ENGINEER

GEORGE M. STOCK E-25116

TERRA RETAIL DEVELOPMENT/ASHLEY FURNITURE

LIGHTING QUANTITIES

STOCK & ASSOCIATES
Consulting Engineers, Inc.
257 Chesterfield Business Parkway
St. Louis, MO 63005
PH. (636) 530-9100
FAX (636) 530-9130
e-mail: general@stockassoc.com
Web: www.stockassoc.com

DRAWN BY:	DATE:	CHECKED BY:	DATE:	JOB NUMBER:	SHEET:
S.J.K.	11/23/04	G.M.S.	11/23/04	204-3381	C23 of 23