SPAN WIRE POLES

POST NUMBER	WOOD CLASS IV	STEEL (A10 BASE REQUIRED)
TOTAL		

SPAN WIRE CABLE SPANS

SPAN NUMBER	FROM POST	TO POST	SINGLE MESSENGER ASSEMBLY (LIN. FT.)	MESSENGER ASSEMBLY WITH TETHER (LIN. FT.)
		TOTAL		

LOCATION / BASE / PULL BOX

POST NUMBER	PULL BOX NUMBER	APPROACH	STATION	OFFSET	BASE A 8	A 10	A 13	A 8 MOD	A 10 MOD	A 13 MOD	B 8	B 10	B 13	C	CONCRETE ** (CU. YDS.)	PREFORMED CLASS 1	CLASS 2	CLASS 3	CLASS 5	CONC. STANDARD	DOUBLE, TYPE A	DOUBLE, TYPE B	DRAIN TYPE* I	II A	II B	II C
			CONTROLLERS	(RELOCATE)											2.15											
1		HIGHWAY K	84+33.1	40.7' R						1					3.93											
2		HIGHWAY K	83+80.5	40.6' R					1						3.14											
3		HIGHWAY K	84+36.9	39.7' L					1						3.14											
4		HIGHWAY K	83+81.1	39.7' L						1					3.93											
	1	HIGHWAY K	84+29.1	49.9' R													1						1			
	2	HIGHWAY K	83+82.0	54.1' R													1						1			
	4	HIGHWAY K	85+21.1	47.5' L												U.I.P.										
	5	HIGHWAY K	84+34.1	45.6' L																1						
	6	HIGHWAY K	83+82.6	44.7' L													1						1			
	7	HIGHWAY K	85+32.5	49.0' R												1							1			
	8	HIGHWAY K	83+14.2	48.4' R															1				1			
	9	HIGHWAY K	83+33.2	57.8' R																	1					
	10	HIGHWAY K	83+29.1	57.8' R													1						1			
	12	HIGHWAY K	81+37.3	46.8' R												1										
	12	HIGHWAY K	82+07.4	46.7' R												T.B.R.										
	3	HIGHWAY K	86+17.8	47.8' L												(RELOCATE)										
				TOTAL											16.29	2	4		1	1	1					

POST (3) / LUMINAIRE / CONTRACTOR FURNISHED SIGNS

POST NUMBER	TOP MOUNT POST LENGTH (FEET) 8	15	TYPE C & CL ARM LENGTH A	A	A	A	A	A	SIGNAL SPACING B	C	D	D'	SIGN SPACING B	C	D	D'	TYPE B & BL ARM LENGTH E	K	E	K	E	K	E	K	LEFT ARM E SIGNAL SPACING F	G	H	H'	SIGN SPACING F	G	H	H'	RIGHT ARM K SIGNAL SPACING L	M	N	N'	SIGN SPACING L	M	N	N'	INCLUDED ANGLE	LUMINAIRE* BRACKET ARM (FEET) 4	6	8	10	12	15	CODE SIGN NUMBER FROM STANDARD PLAN 902.80 (1) S1	S2	S12	S13	R10-21		
1			41'						15'0"	12'0"	13'0"		37'0"																																		1					1		
2				24'					10'6"	12'0"			1'0"	18'6"																																				1	1			
3					30'				15'0"	13'6"			1'0"	24'6"																																				1	1			
4						41'			16'0"	11'6"	12'6"		37'0"																																		1					1		
TOTAL																																																		2	2	2		

SIGNAL HEADS

SPAN NUMBER	POST NUMBER	FACE NUMBER	LUMINAIRE 150W SODIUM	12" LENS CONVENTIONAL R	Y	G	S	L	Rt	YL	YRt	PED. SIGNAL	12" LENS OPTICAL LIMITING R	Y	G	S	L	Rt	YL	YRt	VISORS * 12" LENS	PED.	LOUVERS * A	B	C	D	E	F	BACKPLATE * LENSES 1	2	3	4	5	BRACKET * TYPE I	II	III	ONE-FACE SECTION 1- T	S	C	B	3- T	S	C	B	4- T	S	C	B	5- T	S	C	B	TWO-FACE SECTIONS 11- T	S	B	33- T	S	C	B	34- S	B	35- S	B	44- S	B	45- S	B
	1	61		1	1	1															3										1				1									1																									
		62		1	1	1															3										1				1									1																									
		10		1				1		1				1	1						5												1			1																1																	
		63										1										1												1				1																															
	2	81		1	1	1															3										1				1									1																									
		82		1	1	1															3										1				1									1																									
		83										1										1												1				1																															
		64										1										1												1				1																															
	3	41		1	1	1															3										1				1									1																									
		42		1	1	1															3										1				1									1																									
		24										1										1												1				1																															
	4	21		1	1	1															3										1				1									1																									
		22		1	1	1															3										1				1									1																									
		50		1				1		1				1	1						5												1			1																1																	
		84										1										1												1				1																															
		23										1										1												1				1																															
	TOTAL																																																																						

TOTAL	1- T	1- S	1- C	1- B	3- T	3- S	3- C	3- B	4- T	4- S	4- C	4- B	5- T	5- S	5- C	5- B
OPTICALLY LIMITED																2
CONVENTIONAL		6						8								
COMBINATION OL & CONV																

REMARKS

ALL LENGTHS AND SPACINGS ARE IN FEET UNLESS OTHERWISE INDICATED.

* ITEMS FOR WHICH SEPARATE PAYMENT WILL NOT BE MADE.

** SEE STANDARD PLANS 902.10 AND 902.30 FOR CONCRETE REQUIREMENTS ON BASES.

(1) MOUNT ALL SIGNS IN ACCORDANCE WITH STANDARD PLANS SHEET 902.40K.
(2) ALL INDICATIONS SHALL BE LED.
(3) POLES, MAST ARMS, AND LUMINAIRE ARMS SHALL BE PAINTED BLACK.

LEGEND

T – TOP MOUNT
S – SIDE MOUNT
C – SPANWIRE MOUNT
B – MAST ARM MOUNT

HIGHWAY K & COMMERCIAL ENTRANCE
INTERSECTION

D-37A

4 05/05/05 REVISED FOR MoDOT COMMENTS
3 04/26/05 REVISED FOR MoDOT COMMENTS
2 REVISED FOR MoDOT COMMENTS 03/17/05
1 REVISED FOR MoDOT COMMENTS AND VALUE ENGINEERING 03/10/05

TERRA RETAIL DEVELOPMENT/ASHLEY FURNITURE

D-37A SUMMARY SHEET

P&Z NOS: 98-126.03
98-126.04

05/05/05

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

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D-37A | GEORGE M. STOCK E-25116

DRAWN BY: S.J.K. DATE: 11/23/04 | CHECKED BY: G.M.S. DATE: 11/23/04 | JOB NUMBER: 204-3381 | SHEET: C18 of 23