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DATE:	04/28/2004
DESIGN BY:	TMA
DRAWN BY:	TMA
PROJECT NO.:	99-10667D
SHEET NO.	TOTAL SHEETS
15	20

O'FALLON WALK
TRAFFIC SIGNAL PLAN

LOCATION / BASES / PULL BOX

POST NUMBER	PULL BOX NUMBER	APPROACH	STATION	OFFSET	BASES 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.)	PULL BOX PREFORMED CLASS 1	CLASS 2	CLASS 3	CONC. STANDARD	DOUBLE	DRAIN TYPE* I	II A	II B	II C
			CONTROLLER	AS REQUIRED											2.00									
1		RELOCATED FEISE ROAD	13+59	33' LT		1									3.06									
2		RELOCATED FEISE ROAD	14+06	32' RT		1									3.06									
3		RELOCATED FEISE ROAD	12+99	26' LT		1									3.06									
4		RELOCATED FEISE ROAD	13+10	32' RT		1									3.06									
	1	RELOCATED FEISE ROAD	13+65	27' LT																1	1			
	2	RELOCATED FEISE ROAD	13+89	41' RT													1				1			
	3	RELOCATED FEISE ROAD	13+05	27' LT													1				1			
	4	RELOCATED FEISE ROAD	13+05	35' RT													1				1			
		TOTAL													14.24		3			1				

POST – TOP MOUNT / TYPE C & CL

POST NUMBER	PULL BOX NUMBER	TOP MOUNT POST LENGTH (FEET) 10	15	TYPE C & CL ARM LENGTH A	A	A	A	A	A	SIGNAL SPACING B	C	D	D'	SIGN SPACING B	C	D	D'
1				14						13				2	11		
2				38						25	12			2	34		
3				23						10	12			2	20		
4				17						16				2	14		

POST – TYPE B & BL / CONTRACTOR FURNISHED SIGNS

POST NUMBER	PULL BOX NUMBER	TYPE B & BL ARM LENGTH E	K	E	K	E	K	E	K	LEFT ARM E SIGNAL F	G	H	H'	LEFT ARM E SIGN F	G	H	H'	RIGHT ARM K SIGNAL L	M	N	N'	RIGHT ARM K SIGN L	M	N	N'	INCLUDED ANGLE	CAMERA* BRACKET ARM (FEET) 10	12	15	LUMINAIRE* BRACKET ARM (FEET) 10	12	15	CONTRACTOR FURNISHED SIGNS – CODE SIGN NUMBER FROM STANDARD PLAN 902.80: 3	4	6	7	12	13	14	15
1																														1							1	1		
2																											1										1	1		1
3																											1										1	1		
4																														1							1	1		1
TOTAL																																	1				2	4		8

SIGNAL HEADS

SPAN NUMBER	POST NUMBER	FACE NUMBER	VIDEO* CAMERA	LUMINAIRE 150W SODIUM	INDICATIONS * 12" LENS CONVENTIONAL R	Y	G	S	L	Rt	YL	YRt	W (1)	DW (1)	12" LENS LED R	Y	G	S	L	Rt	YL	YRt	VISORS * 12" LENS PED 12	TUN 12
	1	61													1	1	1							3
	1	62													1	1	1							3
	2	41													1	1	1							3
	2	42													1	1	1							3
	2	90											1	1									2	
	3	81													1	1	1							3
	3	30													1	1	1			1	1			5
	4	21													1	1	1							3
	4	22													1	1	1							3
	4	91											1	1									2	
	1		V-1																					
	2		V-2																					
	3		V-3																					
	4		V-4																					
	1			1																				
	2			1																				
	3			1																				
	4			1																				
TOTAL				4																				

POST NUMBER	FACE NUMBER	LOUVERS * A	B	C	D	E	F	OTHER **	BACKPLATE * LENSES 1	2	3	4	5	BRACKET * TYPE I	II	III	IV	ONE-FACE SECTION 1– T	1– S	1– C	1– B	2– T	2– S	3– T	3– S	3– C	3– B	4–	4– S	4– C	4– B	5–	5– S	5– C	5– B
1	61										1			1											1										
1	62										1			1													1								
2	41										1			1													1								
2	42										1			1													1								
2	90									1				1									1												
3	81										1			1													1								
3	30												1	1																					1
4	21										1			1											1										
4	22										1			1													1								
4	91									1				1									1												
TOTAL LED																							2		2		5								1
TOTAL CONVENTIONAL																																			
TOTAL COMBINATION LED & CONV																							2		2		5								1

TWO-FACE SECTIONS 11– T	11– S	11– B	22– T	22– S	33– T	33– S	33– B	34–	34– S	34– B	35–	35– S	35– B	44–	44– S	44– B	45–	45– S	45– B

REMARKS

ALL LENGTHS AND SPACINGS ARE IN FEET UNLESS OTHERWISE INDICATED.

* ITEMS FOR WHICH SEPARATE PAYMENT WILL NOT BE MADE
** ADJUSTABLE LOUVERS
(1) ALL PEDESTRIAN "WALK/DON'T WALK" INDICATIONS SHALL BE PORTLAND ORANGE LED MODULES.
(2) ALL TRAFFIC SIGNAL POLES, RELATED HARDWARE PEDESTRIAN PUSHBUTTONS, LUMINAIRES, BANDING AND SIGNAL HEAD BRACKETS SHALL BE POWDER COATED (VALMONT EBONY BLACK #334 OR APPROVED EQUAL). TRAFFIC SIGNAL CONTROLLER SHALL NOT BE POWDER COATED.

LEGEND

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

STATE OF MISSOURI
GEORGE JOHN
NUMBER E-23773
REGISTERED PROFESSIONAL ENGINEER
4-29-04

RELOCATED FEISE ROAD & FEISE ROAD
INTERSECTION

D-37A