EFFECTIVE 04-01-2002

CONDUIT

FROM	TO	CTR TO CTR DISTANCE	LOOP DET. 1"	TRENCH 2"	TRENCH 3"	TRENCH 4"	TRENCH 5"	PUSHED 2"	PUSHED 4"	PUSHED 5"	MEDIAN 2"	MEDIAN 3"	ON STRUCTURE 2"	ON STRUCTURE 3"	ON STRUCTURE 4"	REMARKS
Ø	OPS (TYPE 2)		(INCLUDED IN COST OF POWER SUPPLY)													2" RIGID STEEL(1 LIGHTING/1 SIGNAL)
OPS (TYPE 2)	☒	15		29												
☒	9	19				44										2-4" ø 22' EACH
9	2	49				47										
2	1	48				46										
1	①	11				14										
2	②	14				17										
9	10	106				10			94							
10	6	54				5			47							
6	5	52							50							
5	③	7				10										
6	④	6				9										
4	7	97				9			86							
7	8	219		217												
8	12	177		175	△2											
8	☒	7		20												2-2" ø 10' EACH
TOTALS		–	–	441	–	211	–	–	–	–	277	–	–	–	–	–	–	–

△2

CABLE

FROM	TO	CTR TO CTR DISTANCE	POWER 1c #8	CONTROL 2c #12	CONTROL 5c #12	CONTROL 7c #12	CONTROL 12c #12	CLOSED LOOP INTERCONNECT F.O.C. (6cm + 6mm)	POLE & BRACKET 1c #10	DETECTOR 1c #14 IN DUCT	DETECTOR 2c #14 LEAD-IN CABLE	REMARKS F=SIGNAL HEAD
Ø	OPS (TYPE 2)		(INCLUDED IN COST OF POWER SUPPLY)									6-1C#2 (3 LIGHTING/ 3 SIGNALS)
OPS (TYPE 2)	☒	15	93									3-1C#8
☒	①	127				201						F-61, INCLUDES JUMPER
☒	①	127				214						F-10
☒	①	127		162	163							F-62
☒	②	82				134						F-82
☒	②	82				146						F-81
☒	②	82		111	112							F-64
☒	②	82		111	112							F-83
☒	③	238				306						F-41
☒	③	238				320						F-42
☒	③	238		279	280							F-24
☒	④	185				260						F-21, INCLUDES JUMPER
☒	④	185				272						F-50
☒	④	185		220	221							F-23
☒	④	185		220	221							F-84
☒	☒*	1470						1680				FIBER OPTIC CABLE TO BE ROUTED TO NEW CONTROLLER
☒	12	184										EXIST. 4-2c# 14 LEAD-IN CABLES REROUTED TO CONTROLLER
☒	12	184										EXIST. FIBER OPTIC CABLE TO BE REROUTED TO CONTROLLER
☒	21	648									698	2-2c# 14 LEAD-IN CABLES ROUTED TO CONTROLLER
☒	22	648										
☒	23	900									956	2-2c# 14 LEAD-IN CABLES ROUTED TO CONTROLLER
☒	24	900										
												NOTE: ALL COMMUNICATION AND POWER CABLES FOR THE
												VIDEO DETECTION SHALL BE PROVIDED AND INSTALLED
												WITH THE VIDEO DETECTION SYSTEM. NO SEPERATE
												PAYMENT WILL BE MADE.
TOTALS		100	–	1110	1110	1860	–	1680		–	1660	△3

△3

* CONTROLLER LOCATION AT HUTCHINS FARM DRIVE AND HIGHWAY K

△3 05/05/05 REVISED FOR MoDOT COMMENTS

△2 04/26/05 REVISED FOR MoDOT COMMENTS

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

HIGHWAY K & COMMERCIAL ENTRANCE

INTERSECTION

D-37B

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

D-37B SUMMARY SHEET

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S.J.K.	11/23/04	G.M.S.	11/23/04	204-3381	C19 of 23