

CONDUIT AND CABLE CHART														TOTAL LENGTH	RUN NO.				
RUN NO.	POLE NO.	CONDUIT STATUS	ITEM 618 CONDUIT SIZE AND TYPE				CABLE STATUS	ITEM 620 ELECTRICAL CONDUCTORS				ITEM 684 SIGNAL CABLE							
			2" PVC	3" PVC	3" PVC (BORED)	2" RM		NO. 6 XHHW	NO. 6 BARE	NO. 8 XHHW	2/c NO. 8 XHHW	TYPE A				INT. 24 TWP NO. 19	TYPE C DETECT 2/c NO. 18	COAX CABLE	
												5 CNDR NO. 12	7 CNDR NO. 12						16 CNDR NO. 12
A		I		2 @ 10				20								40			
B		I			60			60								1220			
C		I			95			95								95			
D		I			80			80											
E		I			125			125								125			
F		I		10				10								10			
G		I		10				10								10			
H		I		10				10								10			
I		I		10				10								10			
K		I		30				30											
L	RISER	I					20												
M		I		20															
	T-1	I										100							
	T-2	I										115	60						
	T-3	I										120							
	T-4	I										140	65						
		I																	
TOTALS				50	70	360	20			450		30	475	125	400		420		

RUN STATUS = E - EXISTING ; I - INSTALL ; A - ABANDON
 * PROPOSED CONDUIT BORED BENEATH PAVEMENT SURFACE
 * * LENGTH OF TRENCHED CONDUIT
 # SUBSIDIARY TO ITEM 628

CABLE TERMINATION CHART				
CNDR. COLOR	CABLE 1 FROM T-1 TO CNTRL 16 CNDR.	CABLE 2 FROM T-2 TO CNTRL 16 CNDR.	CABLE 3 FROM T-3 TO CNTRL 16 CNDR.	CABLE 4 FROM T-4 TO CNTRL 16 CNDR.
BLACK	SH 1 G ARROW	SH 4 G ARROW	SH 7 G ARROW	SH 10 G ARROW
WHITE	SIGNAL COMMON	SIGNAL COMMON	SIGNAL COMMON	SIGNAL COMMON
RED	SH 1,2,3 R	SH 4,5,6 R	SH 7,8,9 R	SH 10,11,12 R
GREEN	SH 1,2,3 G	SH 4,5,6 G	SH 7,8,9 G	SH 10,11,12 G
ORANGE	SH 1,2,3 Y	SH 4,5,6 Y	SH 7,8,9 Y	SH 10,11,12 Y
BLUE	SH 1 Y ARROW	SH 4 Y ARROW	SH 7 Y ARROW	SH 10 Y ARROW
WHITE / BLACK	PED BTTN COMMON	PED BTTN COMMON	PED BTTN COMMON	PED BTTN COMMON
RED / BLACK	SH 13 W	SH 15 W	SH 17 W	SH 19 W
GREEN / BLACK	SH 13 DW	SH 15 DW	SH 17 DW	SH 19 DW
ORANGE / BLACK	PED CALL PHASE 2	PED CALL PHASE 4	PED CALL PHASE 6	PED CALL PHASE 8
BLUE / BLACK	SH 14 W	SH 16 W	SH 18 W	SH 20 W
BLACK / WHITE	SH 14 DW	SH 16 DW	SH 18 DW	SH 20 DW
RED / WHITE	PED CALL PHASE 4	PED CALL PHASE 6	PED CALL PHASE 8	PED CALL PHASE 2
GREEN / WHITE	SPARE	SPARE	SPARE	SPARE
BLUE / WHITE	SPARE	SPARE	SPARE	SPARE
BLACK / RED	SPARE	SPARE	SPARE	SPARE

DETECTOR DETAILS (ITEM 688)

DETECT LOOP PHASE	DIMENSION *	PED BUTTONS (EA)
01-1	6'X40' QUAD	
02-1	6'X40' QUAD	
02-2	6'X40' QUAD	
02-3	6'X40' QUAD	
02-4	6'X6'	
02-5	6'X6'	
02-6	6'X6'	2
04-1	6'X40' QUAD	
04-2	6'X40' QUAD	
04-3	6'X40' QUAD	2
05-1	6'X40' QUAD	
06-1	6'X40' QUAD	
06-2	6'X40' QUAD	
06-3	6'X40' QUAD	
06-4	6'X6'	
06-5	6'X6'	
06-6	6'X6'	2
TOTALS		6

* - LOOP LAYOUTS ARE GRAPHICALLY ONLY.

ELECTRICAL SERVICE DATA									
ELECTRICAL SERVICE DESCRIPTION(SEE ED4)	SERVICE CONDUIT SIZE (RMC)	SERVICE CONDUCTORS NO./SIZE	SAFETY SWITCH AMPS	MAIN DISCONNECT CKT. BRK. POLE/AMP	TWO-POLE CONTACTOR AMPS	PANEL BD./LOADCENTER AMP RATING (MIN)	CIRCUIT NO.	BRANCH CKT. BRK. POLE/AMPS	KVA LOAD
TY D (120/240)070(KNS)GS(T)EX(1D)	1 1/2"	3/#6	N/A	2P/70	30	70	T.S. Lighting	1P/50 2P/15	<7.1

GROUND BOX SUMMARY (ITEM 624)				
ITEM CODE	TYPE	DESCRIPTION	UNIT	EST.
624	A	-	EA	1
624	C	-	EA	4
TOTAL				

CONDUIT SUMMARY (ITEM 618)				
ITEM CODE	SIZE	DESCRIPTION	UNIT	EST.
618	2"	RM VERTICAL	LF	20'
618	2"	PVC	LF	50'
618	3"	PVC	LF	60'
618	3"	PVC BORED	LF	360'
TOTAL				

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**TRAFFIC SIGNAL LAYOUT
 MARSH LANE AT
 TARGET DRIVEWAY**

12700 Park Central Drive, Suite 1800 Dallas, Texas 75251 Tel. No. (972) 770-1300 Fax No. (972) 239-3020

REVISION	DATE	FED. ROAD Div. No.	STATE AID PROJECT No.	SHEET No.
		6	---	---
DESIGNED BY:	BKS	STATE	STATE DIST. No.	COUNTY
DRAWN BY:	DMR	TEXAS	DALLAS	DALLAS
CHECKED BY:	WK	CONT.	SECT.	JOB HIGHWAY
APPROVED BY:	BKS	---	---	---
MARSH LN.				

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