CONDUIT RUNS

RUN NUMBER	CONDUIT TYPE	NO. 6 BARE	NO. 6 XHHW	NO. 8 XHHW	9 CNDR CABLE	15 CNDR CABLE	INTER-CONNECT CABLE	NO. 14 LEAD IN	LENGTH OF RUN	LENGTH OF BORE
1	2" PVC							3	135	
2	2" PVC	1				1			10	
3	3" PVC	1				1		6	118	
4	2" PVC	1		2		1			23	
5	2" PVC	1	2						60	
6	2" PVC	1	2	2		2		7	60	
7	2" PVC							2	133	
8	2" PVC							2	255	
9	2" PVC	1		2		1			9	
10	3" PVC	1		2		1			122	
11	2" PVC						1		135	
12	2" PVC						1	4	105	
13	2" PVC						1	8	50	
14	2" PVC	1			1				14	
15	3" PVC		2		1				2@12	
16	3" PVC		2		1	3	1	21	2@10	
TOTAL CONDUCTORS IN CONDUIT		366	204	348	36	332	300	2989		

GROUND BOXES

TYPE	EA.
A	10
C	1

CONDUIT SUMMARY

CONDUIT TYPE	TOTAL (LF)
1" PVC	159
2" PVC	989
3" PVC	284

DETECTOR DETAILS

LOOP	DIMENSION	TURNS	DETECT UNIT	DELAY INH(BIT	DET CARD/ CHANNEL	SAW CUT (LF)	1" PVC (LF)	*LOOP DUCT ORN DUCT	*LOOP DUCT BLK DUCT
◇02-1	6'X 40'	2-4-2	02-1	02RED	2A	152	8	X	
◇02-2	6'X 40'	2-4-2				140	6		X
◇02-3	6'X 40'	2-4-2				152	8	X	
02-4	6'X 6'	5	02-2	02GRN	3A	35	8	X	
02-5	6'X 6'	5				50	8		X
02-6	6'X 6'	5	02-3	02GRN		34	8	X	
02-7	6'X 6'	5				48	8		X
◇04-1	6'X 40'	2-4-2	04-1	04GRN	7A	166	8	X	
◇04-2	6'X 40'	2-4-2				158	8		X
◇04-3	6'X 40'	2-4-2				145	8	X	
04-4	6'X 6'	5	04-2	04GRN	8A	54	8	X	
04-5	6'X 6'	5				41	8		X
04-6	6'X 6'	5				29	8	X	
07	6'X 6'	5	07-1	07GRN	8B	174	8		X
◇08-1	6'X 40'	2-4-2	08-1	08GRN	6B	165	8	X	
◇08-2	6'X 40'	2-4-2				154	8		X
◇08-3	6'X 40'	2-4-2				140	9	X	
08-4	6'X 6'	5	08-2	08GRN	8B	48	8	X	
08-5	6'X 6'	5				38	8		X
08-6	6'X 6'	5				28	8	X	
					TOTAL	1951	159		

* FOR CONTRACTORS INFORMATION ONLY

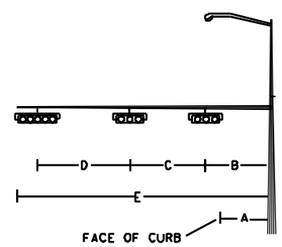
◇ QUADRAPOLE LOOP
THE FOLLOWING LOOPS SHALL BE TIED TOGETHER
TO ONE DETECTOR UNIT AT THE CONTROLLER:(02-1, 02-2, 02-3),(02-4, 02-5),(02-6, 02-7),(07-1, 07-2)
(04-1, 04-2, 04-3),(04-4, 04-5, 04-6),(08-1, 08-2, 08-3),(08-4, 08-5, 08-6)

PAVEMENT MARKING SUMMARY

LOCATION		WHITE 6" SOLID	WHITE 24" SOLID
		LF	LF
GALLOWAY @ E.B.F.R.	TYPE C	328	
	TOTAL	328	

CABLE AND CONDUCTOR INSIDE POLE

SIGNAL HEAD & POLE PLACEMENT						CNDRS AND CABLES INSIDE POLE		
POLE NUMBER	A	B	C	D	E	5 CNDR CABLE #16AWG	7 CNDR CABLE #16AWG	* 12 XHHW
						LF	LF	LF
P1	6	12	11	11	36	134		80
P2	7	17		17	36	91		
P3	6	15	15	16	48	105	66	80
P4	PED POLE					10		
					TOTAL	340	66	160



CABLE TERMINATION CHART

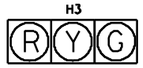
CNDR. COLOR	CABLE 1 FROM P1 TO CNTRL. 15 CNDR.	CABLE 2 FROM P2 TO CNTRL. 15 CNDR.	CABLE 3 FROM P3 TO CNTRL. 15 CNDR.	CABLE 4 FROM P4 TO CNTRL. 9 CNDR.
BLACK	P.B. COM	P.B. COM	P.B. COM	P.B. COM
WHITE	SIGNAL COMMON	SIGNAL COMMON	SIGNAL COMMON	SIGNAL COMMON
RED	SH 1,2,3R	SH 4,5R	SH 6,7,8R	SH 9 W
GREEN	SH 1,2,3G	SH 4,5G	SH 6,7,8G	SH 9 DW
ORANGE	SH 1,2,3Y	SH 4,5Y	SH 6,7,8Y	PED CALL 04
BLUE	SPARE	SPARE	PED CALL 08	SPARE
WHITE/ BLACK	SPARE	SPARE	SH 12 W	SPARE
RED/ BLACK	SPARE	SPARE	SH 12 DW	
GREEN/ BLACK	SPARE	SPARE	SH 6◄G	
ORANGE/ BLACK	SPARE	SPARE	SH 6◄Y	
BLUE/ BLACK	SPARE	PED CALL 02	PED CALL 02	
BLACK/ WHITE	SPARE	SH 10 W	SH 11 W	
RED/ WHITE	SPARE	SH 10 DW	SH 11 DW	
GREEN/ WHITE	SPARE	SPARE	SPARE	
BLUE/ WHITE	SPARE	SPARE	SPARE	

CNDR/CABLE SUMMARY

CONDUCTOR TYPE	TOTAL
NO. 6 BARE	366
NO. 6 XHHW	204
NO. 8 XHHW	348
NO. 12 XHHW	160
9 CNDR CABLE	36
15 CNDR CABLE	332
5 CNDR CABLE #16AWG	340
7 CNDR CABLE #16AWG	66
DET. CABLE	2989
INTERCONNECT CABLE	300

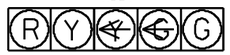
SIGNAL HEADS

H3

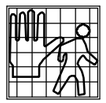


SH 1,2,3,4,5,6,&7

H5LT



SH 8



SH 9,10,11 & 12

152A or 143C

SIGNAL HEADS

SIGNAL HEAD NO.	SIGNAL HEAD TYPE	BACK PLATES 3 SEC	BACK PLATES 5 SEC	VEHICLE SIGNAL SECTION	PEDESTRIAN SIG. SEC.
1	H3	1		3	
2	H3	1		3	
3	H3	1		3	
4	H3	1		3	
5	H3	1		3	
6	H3	1		3	
7	H3	1		3	
8	H5LT		1	5	
9	152A				1
10	152A				1
11-12	143C				2
	TOTAL	7	1	26	4

SHEET 2 OF 2

SIGNAL LAYOUT
GALLOWAY AT I.H. 30 E.B.F.R.

FED. RD. DIV. NO.	FEDERAL AID PROJECT NO.		SHEET NO.
6			
STATE	STATE DIST. NO.	COUNTY	
TEXAS	18	DALLAS	
CONTROL	SECTION	JOB	HIGHWAY NO.
			I.H. 30