

CONDUIT AND CABLE CHART

RUN NO.	CONDUIT STATUS	ITEM 618 CONDUIT SIZE AND TYPE					CABLE STATUS	ITEM 620 ELECTRICAL CONDUCTORS			ITEM 684 SIGNAL CABLE TYPE A			OPTI-COM CABLE	ITEM 6044 VIVDS COAX	LENGTH OF RUN	RUN NO.
		2" RM	2" PVC	3" PVC	2" PVC (BORED)	3" PVC (BORED)		NO. 8 BARE	NO. 8 INSULATED	NO. 12 INSULATED	5 CNDR NO. 12	7 CNDR NO. 12	20 CNDR NO. 12				
		1	E														
2	E														46	2	
3	E														80	3	
4	I		1	1				1							35	4	
5	A														32	5	
6	E														148	6	
7	A														45	7	
8	E														123	8	
9	E														36	9	
10	E														35	10	
11	A														39	11	
12	E														12	12	
13	E														5	13	
14	I			1				1							22	14	
15	I		1	1				1							6	15	
16	A														7	16	
17	E														5	17	
18	E														6	18	
19	E														9	19	
T-1	E															T-1	
T-2	E															T-2	
T-3	E															T-3	
T-4	I									3					80	T-4	
T-5	I									1					10	T-5	
TOTAL		0	51	78	0	0		93	0	0	270	404	0	0			

VIDEO DETECTOR SUMMARY

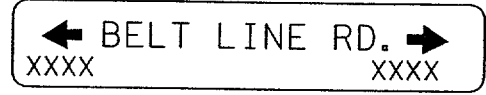
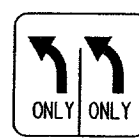
VIVDS CAMERA	DETECTION ZONE	INSTALL MOUNTING	SETTING	FUNCTION
1	Ø6	MAST ARM	PRESENCE	CALL Ø6
2	Ø3	MAST ARM	PRESENCE	CALL Ø3
2	Ø8	MAST ARM	PRESENCE	CALL Ø8
3	Ø2	MAST ARM	PRESENCE	CALL Ø2
4	Ø4	MAST ARM	PRESENCE	CALL Ø4

NOTES:

- CONTRACTOR TO REMOVE AND SALVAGE EXISTING POLE AND MAST ARM ASSEMBLY. CONTRACTOR WILL DELIVER SALVAGED EQUIPMENT TO THE TOWN OF ADDISON. CONTRACTOR TO COORDINATE WITH THE TOWN OF ADDISON AS TO TIME AND PLACE OF DELIVERY. CONTRACTOR TO INSTALL NEW POLE AND MAST ARM ASSEMBLY COMPLETE IN PLACE PRIOR TO REMOVAL OF EXISTING ASSEMBLY.
- CONTRACTOR WILL REMOVE EXISTING 20-CONDUCTOR SIGNAL CABLE, VIVDS COAXIAL CABLE, OPTICOM CABLE, AND ILSN CABLE FROM EXISTING POLE AND MAST ARM ASSEMBLY TO PROPOSED GROUND BOX ON THE NW CORNER OF THE INTERSECTION. CONTRACTOR TO ATTACH A PULL LINE TO CONDUCTORS IN RUN NO. 6 BEFORE REMOVING FROM CONDUIT.
- CONTRACTOR WILL INSTALL TYPE C GROUND BOX DIRECTLY OVER EXISTING CONDUIT RUN NO. 6 ON SW CORNER AS SHOWN. ONCE THE NEW GROUND BOX IS INSTALLED AT THE SW CORNER, CONTRACTOR TO PULL THE EXISTING CONDUCTORS THROUGH EXISTING CONDUIT RUN NO. 6 INTO THE NEW GROUND BOX, AND THEN THROUGH THE NEW CONDUITS. CONTRACTOR TO PULL EXISTING CABLE THROUGH PROPOSED CONDUIT TO NEW POLE AND MAST ARM ASSEMBLY.
- CONTRACTOR TO PAINT ALL GALVANIZED STEEL POLES AND MAST ARMS DARK BRONZE.
- CONTRACTOR RESPONSIBLE FOR LOCATING UTILITY LINES PRIOR TO INSTALLATION OF TRAFFIC SIGNAL EQUIPMENT.
- CONTRACTOR TO COORDINATE WITH THE TOWN OF ADDISON TO DETERMINE PROPER OFF PEAK TIME DURING WHICH SIGNAL WILL BE OUT OF OPERATION. PROPER TRAFFIC CONTROL SHOULD BE COORDINATED WITH THE TOWN OF ADDISON AND TOWN OF ADDISON POLICE.

ESTIMATED QUANTITIES

ITEM NO.	CODE	DESCRIPTION	UNIT	QUANTITY
0416	2002	DRILL SHAFT (24 IN)	LF	5.7
0416	2006	DRILL SHAFT (48 IN)	LF	21.9
0500	2001	MOBILIZATION	LS	1
0502	2001	BARRICADES, SIGNS AND TRAFFIC HANDLING	MO	3
0618	2018	CONDT (PVC) (SCHD 40) (2")	LF	51
0618	2022	CONDT (PVC) (SCHD 40) (3")	LF	78
0620	2011	ELEC CONDR (NO. 8) BARE	LF	93
0624	2012	GROUND BOX TY C (162911) W/APRON	EA	2
0636	2001	ALUMINUM SIGNS (TY A)	SF	15.5
0682	2001	BACK PLATE (12 IN) (3 SEC)	EA	5
0682	2014	PED SIG SEC (12 IN) LED (2 INDICATIONS)	EA	2
0682	2022	VEH SIG SEC (12 IN) LED (GRN ARW)	EA	3
0682	2023	VEH SIG SEC (12 IN) LED (GRN)	EA	3
0682	2024	VEH SIG SEC (12 IN) LED (YEL ARW)	EA	2
0682	2025	VEH SIG SEC (12 IN) LED (YEL)	EA	3
0682	2027	VEH SIG SEC (12 IN) LED (RED)	EA	5
0684	2010	TRF SIG CBL (TY A) (12 AWG) (5 CONDR)	LF	270
0684	2012	TRF SIG CBL (TY A) (12 AWG) (7 CONDR)	LF	404
0686	2060	INS TRF SIG PL AM(S) 1 ARM (60') ILSN	EA	1
0687	2001	PED POLE ASSEMBLY	EA	1
0688	2001	PED DETECT (2 INCH PUSH BTN)	EA	2
6007	2001	REMOVING TRAFFIC SIGNALS	EA	1
6044	2002	VIVDS CAMERA ASSEMBLY	EA	1



*SIGNS SUMMARY

ID	TYPE	LEGEND	EXIST	REM	REL	REP	INST	LOCATION
(A)	R10-5	LEFT ON GREEN ARROW ONLY					X	T-4 MAST ARM
(B)	R3-8L	DUAL LEFT ARROWS					X	T-4 MAST ARM
(C)	R3-4	NO U-TURN					X	T-4 MAST ARM
(D)	ILSN	XXXX BELT LINE RD. XXXX					X	T-4 MAST ARM
TOTAL								

EXIST = EXISTING ; REM = REMOVE ; REL = RELOCATE ; REP = REPLACE ; INST = INSTALL
 ILSN = ILLUMINATED STREET NAME SIGN
 SIGNS D SHALL BE ILLUMINATED STREET NAME (ILSN) SIGNS PER TOWN OF ADDISON STANDARDS.
 LOCATIONS OF SIGNS SHOWN ARE FOR DIAGRAMMATIC PURPOSES ONLY. LOCATIONS CAN BE ADJUSTED WITH APPROVAL OF THE ENGINEER.
 SEE "SAMPLE MAST ARM CONFIGURATION" SHEET FOR DETAILS OF MAST ARM MOUNTED EQUIPMENT.

4:41:39 PM
 06/01/2009
 G:\VTP\PROJECT\6384381.2.ADDISON-STARBUCKS-STIGNAL-DESI ON\CAD\07 BELTLINE @ MIDWAY_A.DGN
 TIME:
 DATE:
 FILENAME:

THE SEAL APPEARING ON THIS DOCUMENT WAS AUTHORIZED BY KEVIN P. HOPPERS, P.E. 93669 ON JUNE 1, 2005 ALTERATION OF A SEALED DOCUMENT WITHOUT PROPER NOTIFICATION TO THE RESPONSIBLE ENGINEER IS AN OFFENSE UNDER THE TEXAS ENGINEERING PRACTICE ACT.

Kevin P. Hoppers

INTERSECTION LAYOUT

**SIGNAL POLE INSTALLATION
BELTLINE ROAD AT
MIDWAY ROAD**

Addison! **TOWN OF ADDISON**

Kimley-Horn and Associates, Inc.

REVISION	DATE	FED. ROAD DIV. No.	PROJECT No.	SHEET No.
			CM XXXX (XXX)	23
DESIGNED BY: DJB	DRAWN BY: DJB	CHECKED BY: BS	APPROVED BY: KPH	
STATE: TEXAS	STATE DIST: DAL	COUNTY: DALLAS	JOB: ****	HWY. NO.: **
			JOB: ***	VA: VA