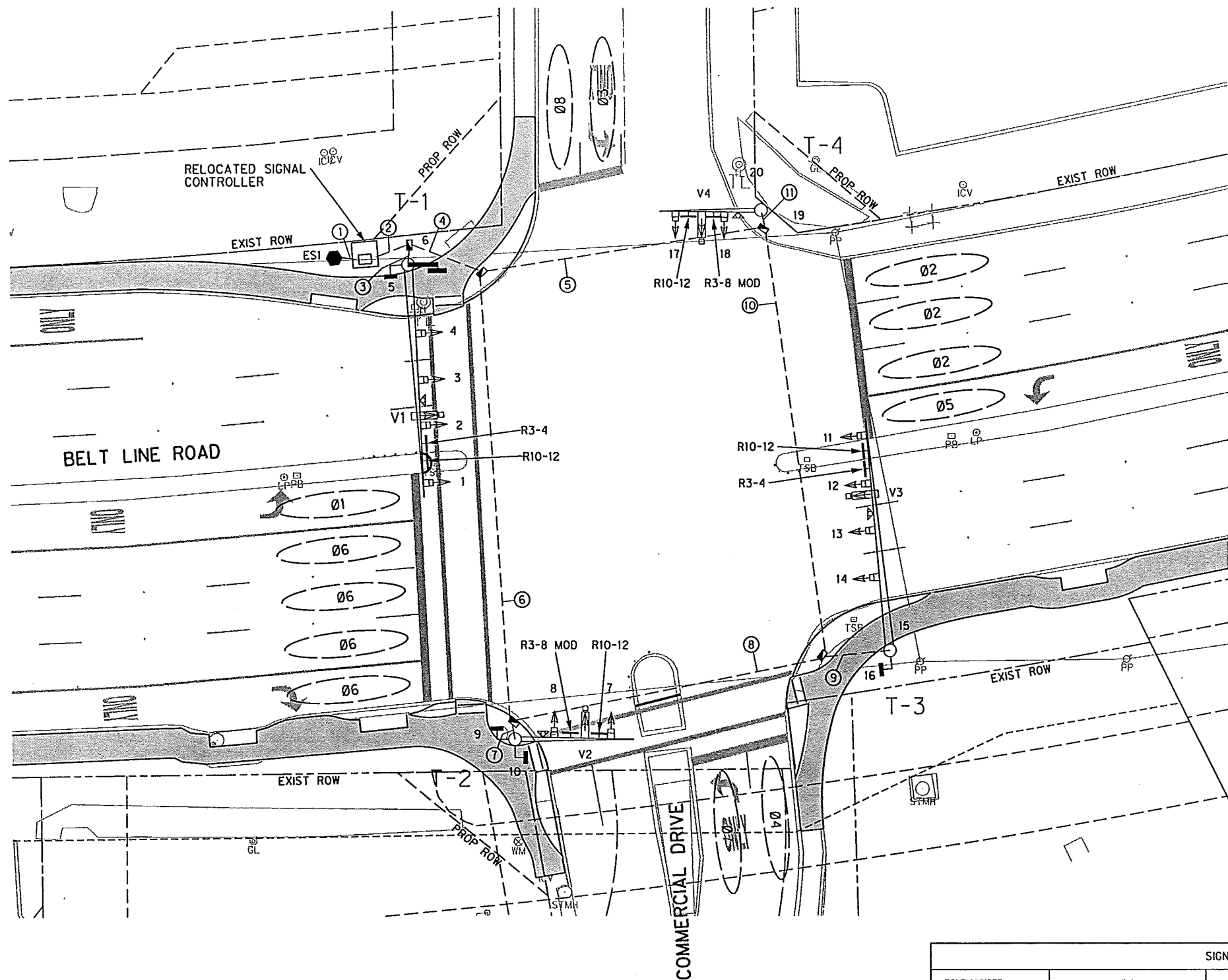
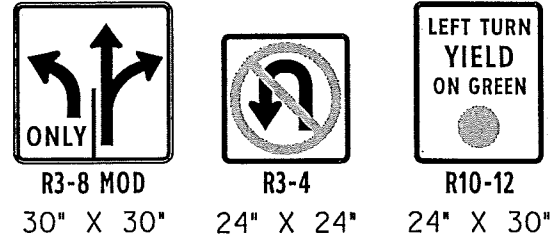


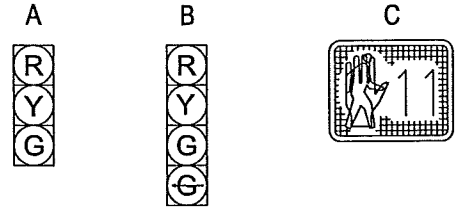
USER: ch2424  
 PROJECT # 29350 OFFICE: RCH  
 FILE: 29350\_SG\_NL\_03.dgn  
 DATE: 3/24/2014 TIME: 9:57:16 AM



LEGEND OF SYMBOLS	
	VIDEO DETECTION ZONES
	SIGNAL POLE/MAST ARM SET UP
2	SIGNAL HEAD NUMBERS
	CONTROLLER CABINET
	GROUND BOX TYPE D (LG)
	GROUND BOX TYPE E (SM)
	LUMINAIRE
Ø2	PHASE NUMBERS
T-2	POLE NUMBERS
23	CONDUIT RUN NUMBERS
R.O.W.	RIGHT OF WAY LINES
	VIVDS CAMERA
	ELECTRICAL SERVICE
4	OPTICOM
	MAST ARM MOUNTED SIGN
	WIRELESS ETHERNET SUBSCRIBER



SIGNAL HEAD TYPES



V3 V4LT\* (WITH COUNTDOWN) PED  
 \*WITH BI-MODAL YELLOW AND GREEN ARROWS.

ELECTRICAL SERVICE DATA

ELECTRICAL SERVICE DESCRIPTION SEE ED(4)	SERVICE CONDUIT SIZE (RMC)	SERVICE CONDUCTORS NO./SIZE	MAIN CIRCUIT BREAKER POLE/AMP	TWO-POLE CONTACTOR AMP	PANEL BD / LOAD CENTER AMP RATING (MB)	CIRCUIT NO.	BRANCH CKT. BRK POLE/AMP	KVA LOAD
TY D (120/240) 70 (H48) SS (E) PS (U)	2"	3 / #8	2P / 70	30	100	T.S. ILSN	1P / 50 2P / 20	< 7.1

\*ONCOR WILL CONNECT ELECTRICAL SERVICE TO ELECTRICAL SUPPLY. CONTRACTOR RESPONSIBLE TO CONNECT SIGNAL CONTROLLER TO SERVICE



*S.P. Duda* P.E. 3/21/2014  
 Signature of Registrant Date

- NOTES:
- EXISTING SIGNAL CONTROLLER TO BE RELOCATED AS SHOWN. SALVAGE EXISTING SIGNAL EQUIPMENT AND RETURN TO TOWN OF ADDISON.
  - ALL POLES AND MAST ARMS TO BE POWDER COAT SILVER TO MATCH BELT LINE STREET LIGHTS.
  - ALL MAST ARM MOUNTED SIGNS SHALL HAVE HIGH INTENSITY PRISMATIC (HIP) SHEETING.
  - RELOCATE EXISTING STREET NAME SIGNS TO NEW POLES/MAST ARMS.
  - FURNISH AND INSTALL A 10' POLE EXTENSION ON T-1 SIGNAL ARM. CONTRACTOR TO INSTALL TOWN SUPPLIED WIRELESS ETHERNET SUBSCRIBER ON THE POLE EXTENSION. CONTRACTOR TO MOUNT WIRELESS RADIO AND SHALL AIM THE ETHERNET SUBSCRIBER UNIT AS DIRECTED BY THE TOWN ENGINEER.
  - CONTRACTOR SHALL FURNISH AND INSTALL THE VIDEO SERVER AND HARDENED ETHERNET SWITCH INSIDE THE TRAFFIC SIGNAL CONTROLLER CABINET.
  - THE VIDEO SERVER SHALL BE INSTALLED BETWEEN THE VIVDS PROCESSOR AND HARDENED ETHERNET SWITCH (POLE T-1).
  - REMOVE ALL EXISTING FIELD WIRING AFTER NEW SIGNALS ARE PUT INTO SERVICE.
  - ALL EXISTING PULL BOXES TO TO BE REMOVED AND ABANDONED CONDUIT TO BE CUT AND CAPPED. SALVAGED PULL BOXES TO BE RETURNED TO TOWN OF ADDISON.

SIGNAL POLE CHART																				
POLE NUMBER	T-1					T-2					T-3					T-4				
MAST ARM LENGTH	55'					28'					55'					24'				
FOUNDATION TYPE	48-A					30-A					48-A					30-A				
WITH LUMINAIRES	NO																			
MAST ARM SIGNS	R3-4, R10-12					R10-12					R3-4, R10-12					R10-12				
SIZE OF LENS	12"																			
SIGNAL TYPE	B	A	A	A	C	C	B	A	C	C	B	A	A	A	C	C	B	A	C	C
SIGNAL FACE NO.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
LED SIGNAL INDICATIONS	R	R	R	R	DW	DW	R	R	DW	DW	R	R	R	R	DW	DW	R	R	DW	DW
	Y	Y	Y	Y	W	W	Y	Y	W	W	Y	Y	Y	Y	W	W	Y	Y	W	W
	G	G	G	G			G	G			G	G	G	G			G	G		

ALL SIGNAL HEADS SHALL HAVE BLACK PLASTIC BACK PLATES. LEFT-TURN INDICATIONS WILL CONSIST OF 4 SECTION HEADS WITH BI-MODAL YELLOW AND GREEN ARROWS. ALL MAST ARMS WILL HAVE LED ILLUMINATED STREET NAME SIGNS.

TOWN OF ADDISON DALLAS COUNTY, TEXAS					
BELT LINE ROAD UNDERGROUND ELECTRICAL					
PROPOSED TRAFFIC SIGNAL LAYOUT BELT LINE RD AT COMMERCIAL DR					
1201 NORTH BOWSER ROAD, RICHARDSON, TEXAS 75081-2275 TEL (214) 346-6200 FAX (214) 739-0095					
PROJECT	DESIGN	DRAWN	DATE	FILE	SHEET
29350	HALFF	HALFF	MAR. 2014	29350 SG_NL_03	TS-3