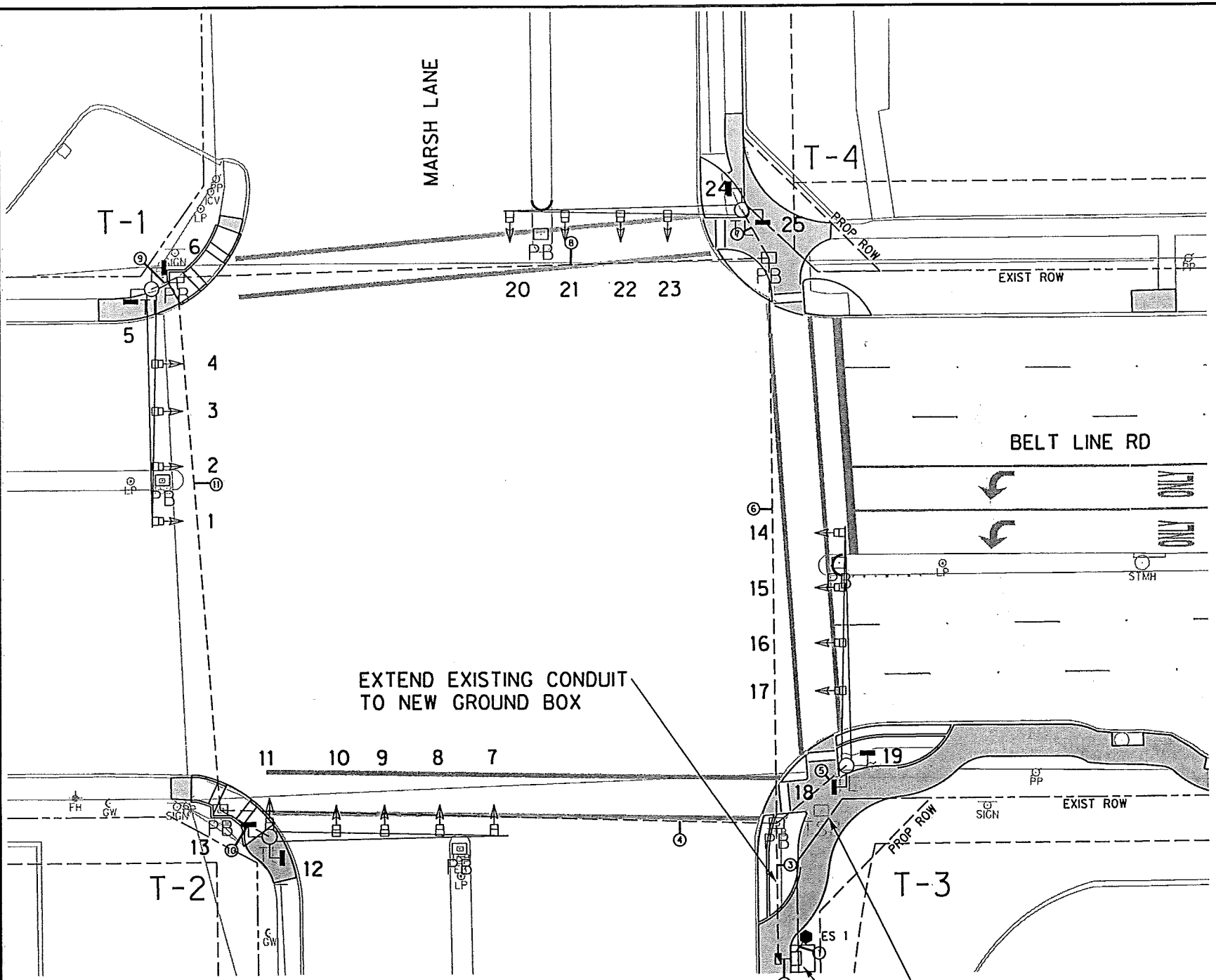


USER: oh1299
 OFFICE: RCH
 PROJECT: 29350
 FILE: 29350_SG_NL_01.dgn
 TIME: 9:35:56 AM
 DATE: 3/24/2014



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



EXTEND EXISTING CONDUIT TO NEW GROUND BOX

RELOCATE EXISTING SIGNAL CONTROLLER

SIGNAL CONTROLLER TO BE PLACED AT BACK EDGE OF SIDEWALK

NOTES:

- 1) RELOCATE EXISTING SIGNAL CONTROLLER AND ELECTRICAL SERVICE AS SHOWN.
- 2) EXTEND EXISTING CONDUIT FROM EXISTING GROUND BOX ON SOUTHEAST CORNER OF INTERSECTION TO NEW GROUND BOX IN FRONT OF CABINET.
- 3) LOCATION OF CONDUIT IS APPROXIMATE BASED ON LOCATION OF EXISTING GROUND BOXES
- 4) EXISTING POLES, MAST ARMS, AND SIGNAL HEADS TO REMAIN. NEW CABLE TO EXISTING SIGNAL HEADS BE INSTALLED IN SIGNAL POLES AND MAST ARMS.
- 5) SPLICING OF SIGNAL CABLE, VIVDS CABLE, AND ELECTRICAL CABLE IS NOT PERMITTED. INSTALL NEW CABLE TO ALL EXISTING POLES AND EQUIPMENT.

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 AMPS	PANELBD / LOADCENTER AMP RATING (MIN)	CIRCUIT NO.	BRANCH CKT. BRK. POLE / AMPS	KVA LOAD
TY D (120/240) 70 (NS) SS (E) PS (U)	2"	3 / #6	2P / 100	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. Booth
 Signature of Registrant
 P.E. 3/21/2014
 Date

NO.	REVISION	BY	DATE

ADDISON! TOWN OF ADDISON
 DALLAS COUNTY, TEXAS

BELT LINE ROAD
 UNDERGROUND ELECTRICAL

PROPOSED TRAFFIC SIGNAL LAYOUT
 BELT LINE RD AT MARSH LANE

HALFF 1201 NORTH BOWSER ROAD, RICHARDSON, TEXAS 75081-2275
 TEL (214) 346-8200 FAX (214) 739-0095

PROJECT	DESIGN	DRAWN	DATE	FILE	SHEET
29350	HALFF	HALFF	MAR. 2014	29350_SG_NL_01	TS-1