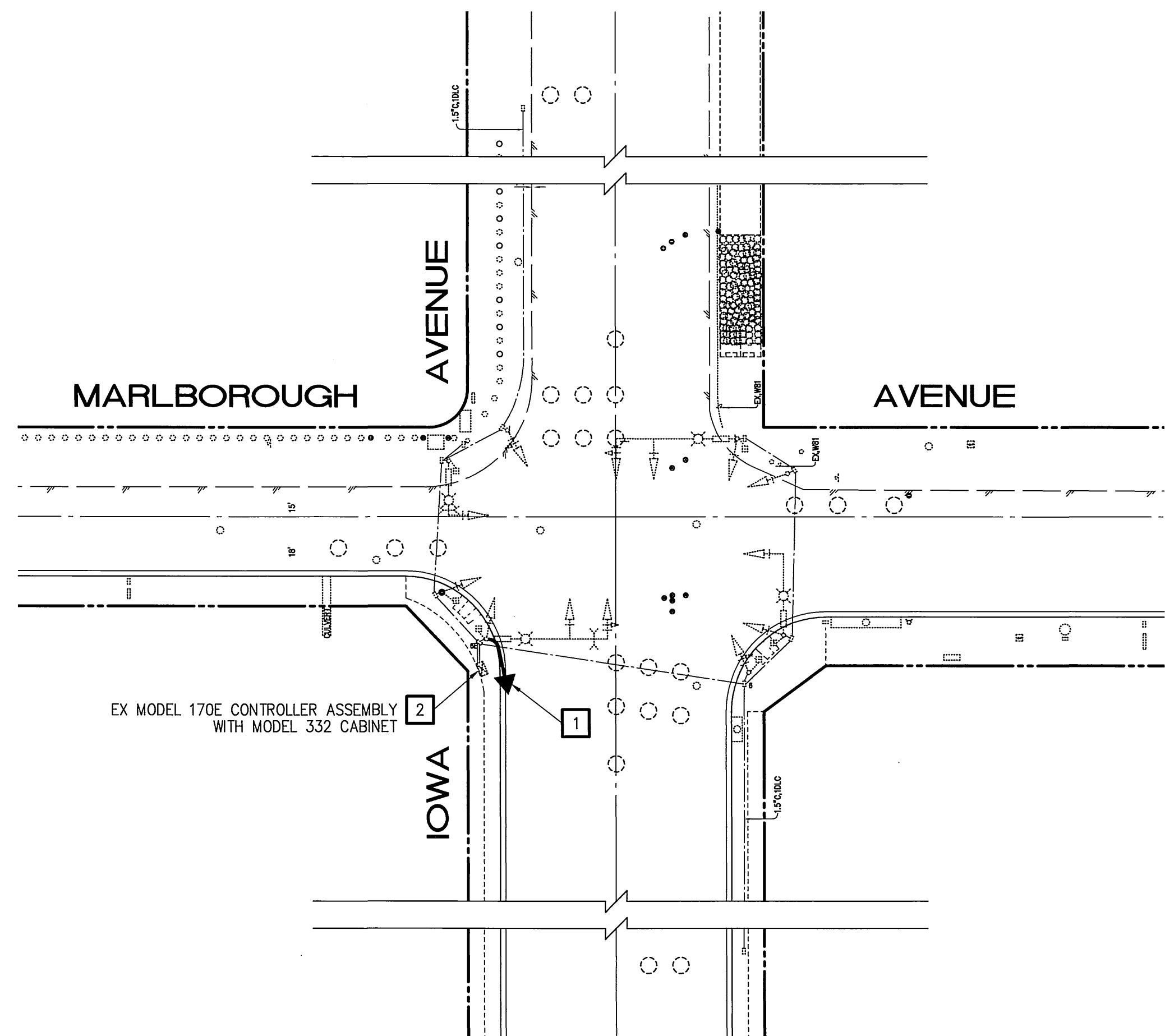


SCALE: 1"=40'



CONSTRUCTION NOTES (THIS SHEET):

- 1- INSTALL PANEL ANTENNA WITH ENCOM 2.4 GHz EP-COMMPAKBB2.4-INT RADIO ON SIGNAL POLE. EXACT PLACEMENT OF ANTENNA SHALL BE DETERMINED BY THE RADIO MANUFACTURER'S REPRESENTATIVE IN THE FIELD. RUN CAT-5E CABLE IN EXISTING CONDUIT TO CONTROLLER CABINET.
- 2- INSTALL MCCAIN SERIAL TERMINAL SERVER AND RADIO POWER SUPPLY WITH LIGHTNING AND SURGE PROTECTION.



TRAFFIC No. 1575
 DATE: 3-2-07
 AGA Job No. : 134-014
 AGA File Name : Iowa WiFi
 Print Date : 3/2/07
 Last Revision : 2/26/07

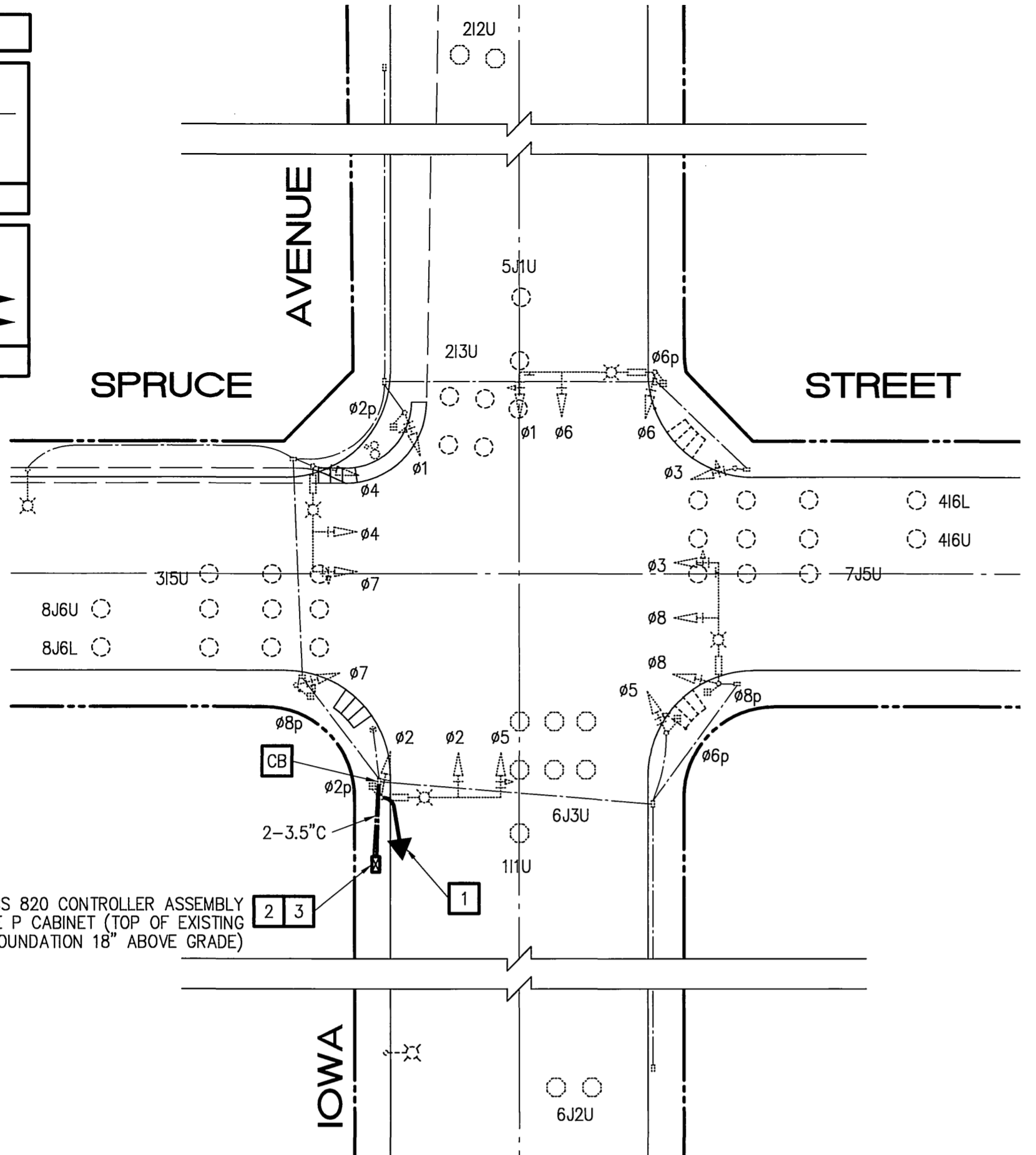
ALBERT GROVER & ASSOCIATES
 TRANSPORTATION CONSULTING ENGINEERS
 211 E. Imperial Hwy., Suite 208 Fullerton, CA 92835
 (714) 992-2880
 FAX 992-2883

CONTRACT TE-06-01

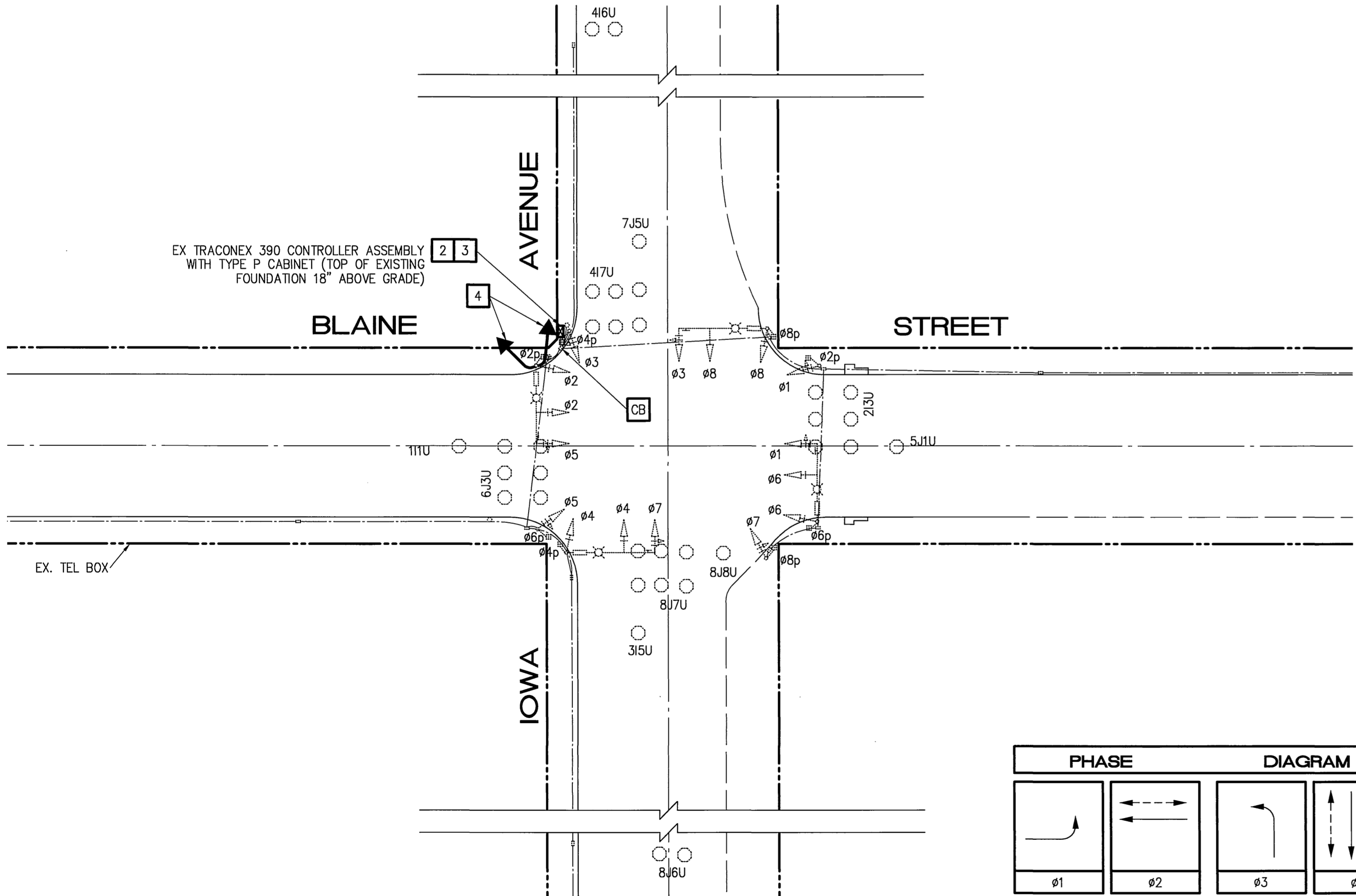
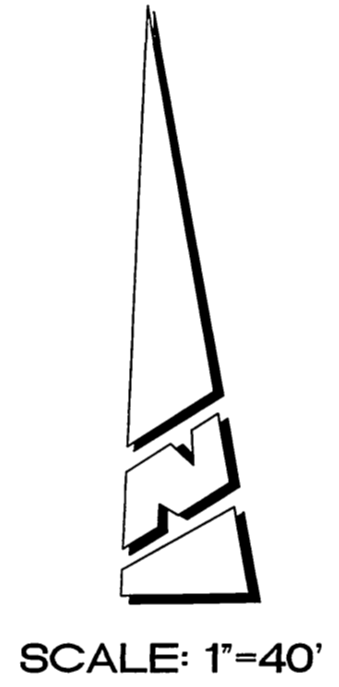
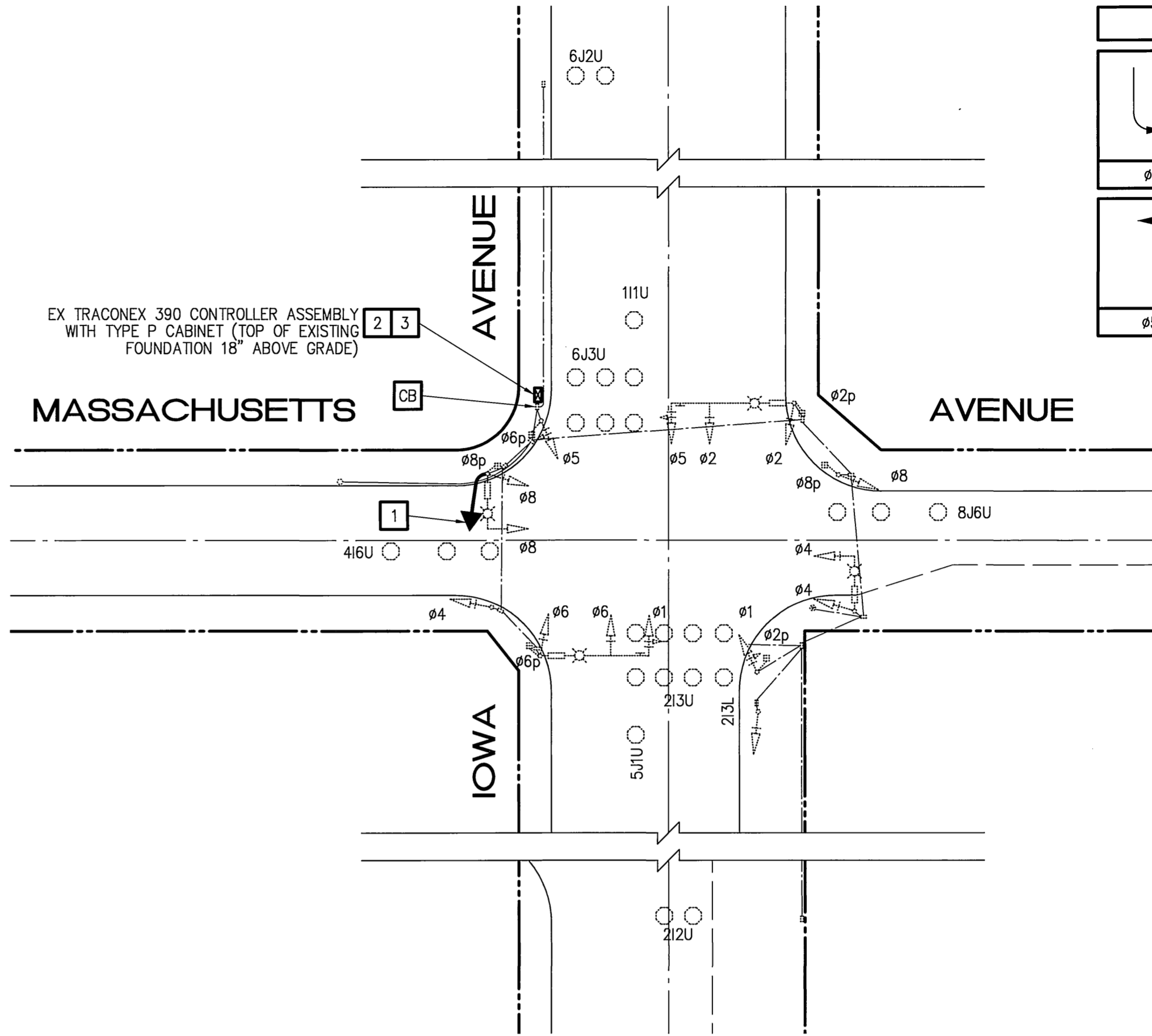
CITY OF RIVERSIDE, CALIFORNIA DEPARTMENT OF PUBLIC WORKS				TRAFFIC SIGNAL INTERCONNECT PLAN		ACCOUNT NO. X-060
APPROVED BY _____ DATE 3-2-07 BY _____ PRINCIPAL ENGINEER		APPROVED BY _____ CITY ENGINEER		SHEET 11 OF 12		
TRAFFIC DIVISION 3-2-07 134		DATE 3/2/07		HORIZ. SCALE: 1"= 40' VERT. SCALE: N/A		
DESIGNED BY: RPH DRAWN BY: RPH CHECKED BY: JAT		MARK REVISIONS APPR. DATE		(714) 992-2880 FAX 992-2883		

Underground Service Alert
 Call: TOLL FREE
 1-800
 227-2600
 TWO WORKING DAYS BEFORE YOU DIG

PHASE		DIAGRAM	



PHASE		DIAGRAM	
		NOT USED	
		NOT USED	



PHASE		DIAGRAM	

CONSTRUCTION NOTES (THIS SHEET):

1. INSTALL PANEL ANTENNA WITH ENCOM 2.4 GHz EP-COMMPAKB2.4-INT RADIO ON SIGNAL POLE. EXACT PLACEMENT OF ANTENNA SHALL BE DETERMINED BY THE RADIO MANUFACTURER'S REPRESENTATIVE IN THE FIELD. RUN CAT-5E CABLE IN EXISTING CONDUIT TO CONTROLLER CABINET.
2. INSTALL MCCAIN SERIAL TERMINAL SERVER AND RADIO POWER SUPPLY WITH LIGHTNING AND SURGE PROTECTION.
3. REMOVE AND SALVAGE EXISTING CONTROLLER ASSEMBLY. REMOVE FOUNDATION. INSTALL NEW MODEL 170E CONTROLLER ASSEMBLY WITH MODEL 332 CABINET, BI TRAN 233 PROGRAM, AND 3M OPTICOM PHASE SELECTOR MODULES (2 CHANNEL UNITS ONLY) ON NEW FOUNDATION. REMOVE EXISTING CONDUITS INTO CONTROLLER CABINET AND INSTALL TWO (2) NEW 3.5" CONDUITS.
4. INSTALL DUAL EP-COMMPAKB2.4/4.9 RADIO WITH (2)-23 DBI 2.4GHz PANEL ANTENNAS ON SIGNAL POLE. EXACT PLACEMENT OF ANTENNAS SHALL BE DETERMINED BY THE RADIO MANUFACTURER'S REPRESENTATIVE IN THE FIELD. RUN CAT-5E CABLE IN EXISTING CONDUIT TO CONTROLLER CABINET.



TRAFFIC No. 1575
 DATE: 3-2-07
 AGA Job No. : 134-014
 AGA File Name : Iowa WiFi
 Print Date : 3/2/07
 Last Revision : 2126/07

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 FAX 992-2983

CONTRACT TE-06-01

CITY OF RIVERSIDE, CALIFORNIA DEPARTMENT OF PUBLIC WORKS		TRAFFIC SIGNAL INTERCONNECT PLAN		ACCOUNT NO.
APPROVED BY: [Signature] DATE: 3-7-07 BY: [Signature]		APPROVED BY: [Signature]		X-060
PRINCIPAL ENGINEER		CITY ENGINEER		
TRAFFIC DIVISION: [Signature]		DATE: 3/16/07		SHEET 12 OF 12
DESIGNED BY: RPH DRAWN BY: RPH CHECKED BY: JAT		HORIZ. SCALE: 1"= 40' VERT. SCALE: N/A		

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