

EQUIPMENT SCHEDULE

No.	STANDARD				LUMINAIRE LED	IISNS LEGEND	SIGNAL MOUNTING			PPB PHASE	REMARKS	
	TYPE	HGT.	SIG. M.A.	LUM. M.A.			VEHICLE	PED	AUDIBLE			
(A)	19-2-80	30'	30'	12'	250W(N)	Kidd	2-MAS	SV-1-T	SP-1-T(N)	((C))	-	RS EXIST. PED HEAD AND LUMINAIRE
(B)	1A	10'	-	-	-	-	-	TV-1-T	-	-	#6	-
(C)	1A	10'	-	-	-	-	-	TV-1-T	SP-1-T(N)	((P))	#6	RS EXIST. PED HEAD AND LUMINAIRE
(D)	1A	10'	-	-	-	-	-	TV-1-T	SP-1-T(N)	((C))	#6	RS EXIST. PED HEAD AND LUMINAIRE
(E)	19-2-80	30'	30'	12'	250W(N)	Kidd	MAS	SV-2-TB	SP-2-T(N)	((C))(P)	#2, #8	RS EXIST. PED HEADS AND LUMINAIRE
(F)	16-2-80	17'	20'	-	-	Tyler	MAS	SV-2-TB	SP-1-T(N)	((C))	#2	RS EXIST. PED HEAD AND LUMINAIRE

PEDESTRIAN AUDIBLES: C=CUCKOO (NORTH/SOUTH), P=PEEP PEEP (EAST/WEST)

ALL EQUIPMENT EXISTING UNLESS NOTED OTHERWISE: (N) = NEW

- ALL EXISTING IISNS LIGHTING ASSEMBLIES SHALL BE REPLACED WITH NEW LED RETROFIT KIT ASSEMBLIES.
- ALL PEDESTRIAN HEADS SHALL BE LED COUNTDOWN HEADS.

CONDUCTOR TABLE

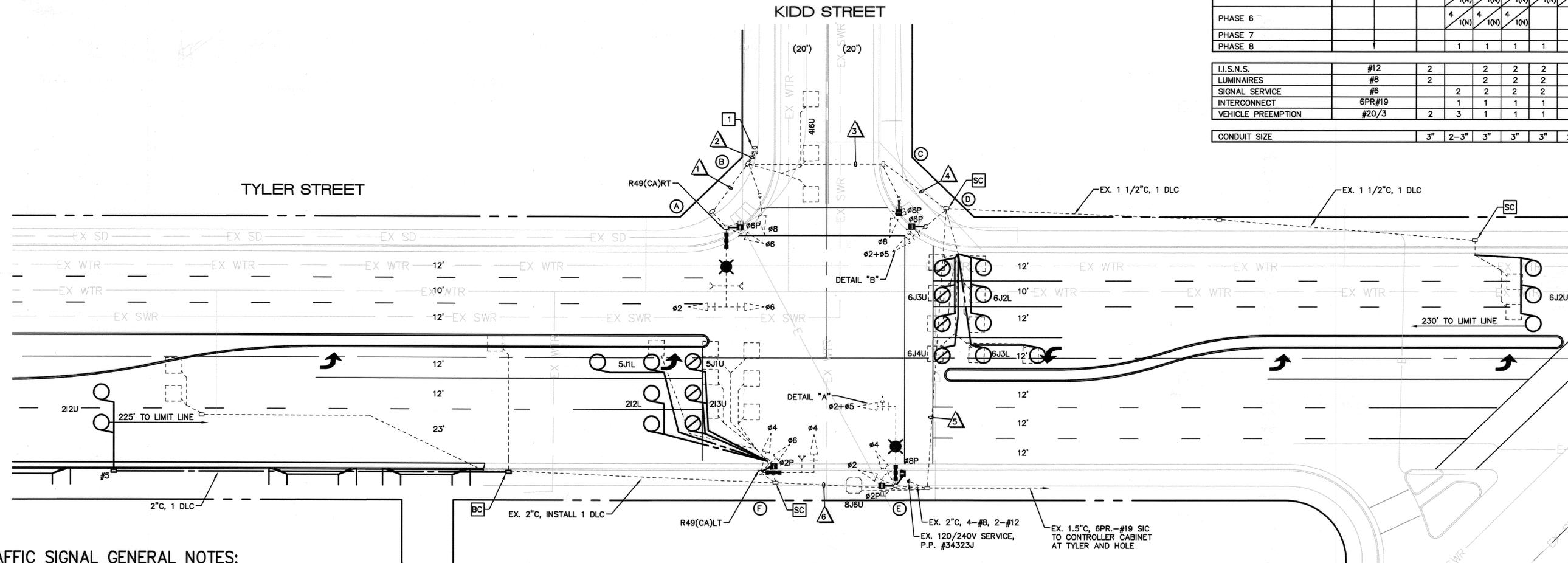
CONTROL FUNCTION	CONDUCTORS	CONDUCTOR RUNS					
		1	2	3	4	5	6

VEHICLE & PEDESTRIAN HEADS, PEDESTRIAN PUSH BUTTONS, SPARES & COMMONS	12 CSC	1	6	4	3	2	1
	3 CSC	-	6	5	4	3	1

DETECTOR CABLE	TYPE B						
PHASE 1							
PHASE 2		2	2	2	2	2	2
PHASE 3							
PHASE 4		1					
PHASE 5		1	1	1	1	1	1
PHASE 6		4	4	4	4		
PHASE 7							
PHASE 8		1	1	1	1		

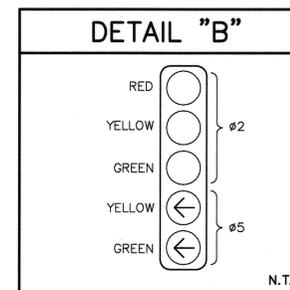
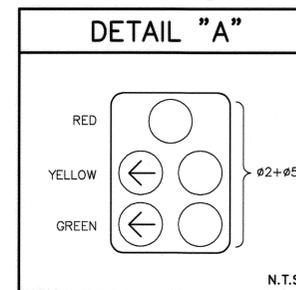
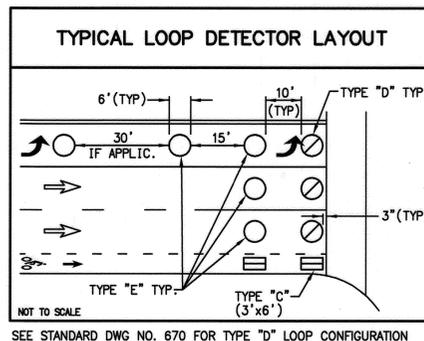
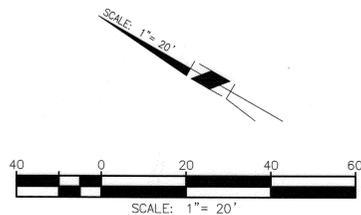
I.I.S.N.S.	#12	2	2	2	2	2
LUMINAIRES	#8	2	2	2	2	2
SIGNAL SERVICE	#6		2	2	2	2
INTERCONNECT	6PR#19		1	1	1	1
VEHICLE PREEMPTION	#20/3	2	3	1	1	1

CONDUIT SIZE	3"	2-3"	3"	3"	3"	2"
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TRAFFIC SIGNAL GENERAL NOTES:

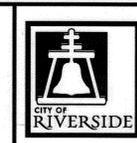
- ALL ITEMS FURNISHED AND ALL WORK TO BE DONE SHALL CONFORM TO THE REQUIREMENTS OF: THE STATE OF CALIFORNIA, DEPARTMENT OF TRANSPORTATION (CALTRANS) STANDARD PLANS AND SPECIFICATIONS, DATED 2006; THE CALIFORNIA MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES ADOPTED 2012; AND THE SPECIAL PROVISIONS.
- UTILITIES SHOWN ON THE PLAN ARE CORRECT AND ACCURATE TO THE EXTENT OF AVAILABLE RECORDS. THE CONTRACTOR IS REQUIRED TO TAKE STEPS TO ASCERTAIN THE EXACT LOCATION OF ALL KNOWN SUBSTRUCTURES PRIOR TO DOING WORK THAT MAY DAMAGE OR INTERFERE WITH SUCH FACILITIES ("UNDERGROUND SERVICE ALERT" (800) 227-2600).
- THE CONTRACTOR SHALL OBTAIN ALL NECESSARY PERMITS TO NOTIFY ALL AFFECTED AGENCIES AND THE RIVERSIDE UTILITY COMPANIES A MINIMUM OF 48 HOURS PRIOR TO START OF CONSTRUCTION.
- UNLESS SHOWN OTHERWISE, INDUCTIVE LOOPS SHALL BE MODIFIED TYPE "D" & TYPE "E" WITH 10', 15' AND 30' SPACING IN THE DIRECTION OF TRAVEL. NECESSARY STRIPING SHALL BE LOCATED PRIOR TO POSITIONING LOOPS. LOOPS SHALL BE SEALED WITH HOT MELT SEALANT. SEE DETAIL.
- CONDUCTOR SCHEDULE IS FURNISHED AS AN INSTALLATION GUIDELINE ONLY. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO PROVIDE THE CORRECT CONDUCTORS REQUIRED FOR THE INTENDED OPERATION.
- UNDERGROUND SIGNAL CONDUCTORS SHALL NOT BE SPLICED.
- PULLBOXES SHALL NOT BE LOCATED IN OR WITHIN 1' OF ANY CURB ACCESS RAMP OR DRIVEWAY.
- THE CONTRACTOR SHALL VERIFY WITH THE ENGINEER THE PRECISE FIELD LOCATIONS OF ALL TRAFFIC SIGNAL EQUIPMENT PRIOR TO THE INSTALLATION.
- ALL LANDSCAPING WHICH IS DAMAGED BY CONSTRUCTION ACTIVITIES SHALL BE REPAIRED OR REPLACED TO THE SATISFACTION OF THE CITY AND THE PROPERTY OWNER.
- SALVAGED TRAFFIC SIGNAL EQUIPMENT SHALL BE DELIVERED TO THE CITY OF RIVERSIDE TRAFFIC SIGNAL MAINTENANCE YARD.
- IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO FURNISH AND INSTALL ANY ADDITIONAL LOAD SWITCHES AND/OR DETECTOR CARDS, IF NECESSARY, FOR THE PROPOSED OPERATION.



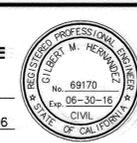
CONSTRUCTION NOTES:

- REMOVE AND SALVAGE EXISTING MODEL 170ATC-OF CONTROLLER AND INSTALL MODEL 2070 CONTROLLER IN EXISTING 332 CABINET, PER CITY SPECIFICATIONS.
- CONTRACTOR SHALL INSTALL (2) NEW DLC(S) APPROX. 250' FROM THE ADJACENT PULL BOX TO THE CONTROLLER CABINET FOR DETECTOR CHANNELS (213U, 5J1L). THE CONTRACTOR SHALL ALSO INSTALL ADDITIONAL DETECTOR CARDS IF NECESSARY FOR THE PROPOSED OPERATION.
- CONTRACTOR SHALL INSTALL (1) NEW DLC(S) APPROX. 150' FROM THE ADJACENT PULL BOX TO THE CONTROLLER CABINET FOR DETECTOR CHANNELS (6J4U). THE CONTRACTOR SHALL ALSO INSTALL ADDITIONAL DETECTOR CARDS IF NECESSARY FOR THE PROPOSED OPERATION.

NOTE: STRIPING SHOWN HEREON IS FOR REFERENCE ONLY. SEE PLAN XL-715 FOR PROPOSED STRIPING IMPROVEMENTS.



ENGINEER IN RESPONSIBLE CHARGE
 GILBERT M. HERNANDEZ
 R.C.E. No. 69170 EXPIRES: 6-30-16
 DATE: 5-16-15



MARK	REVISIONS	APPR.	DATE

CITY OF RIVERSIDE, CALIFORNIA
 DEPARTMENT OF PUBLIC WORKS

APPROVED BY: *Pa* 5/27/15
 ENGINEERING MANAGER
 TRAFFIC DIVISION
 CONSTRUCTION ADMIN. *DC* 5/27/15

APPROVED BY: *[Signature]*
 CITY ENGINEER
 DATE: 5/27/15

TRAFFIC SIGNAL PLAN
 TYLER STREET
 AND
 KIDD STREET

SCALE: 1" = 20'

X-340B
 SHEET 1 OF 1
 FILE NAME: X340B.DWG