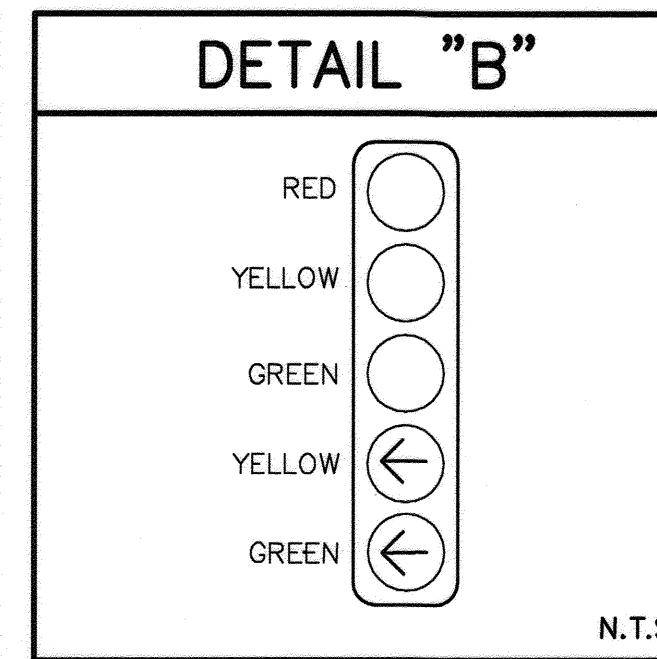
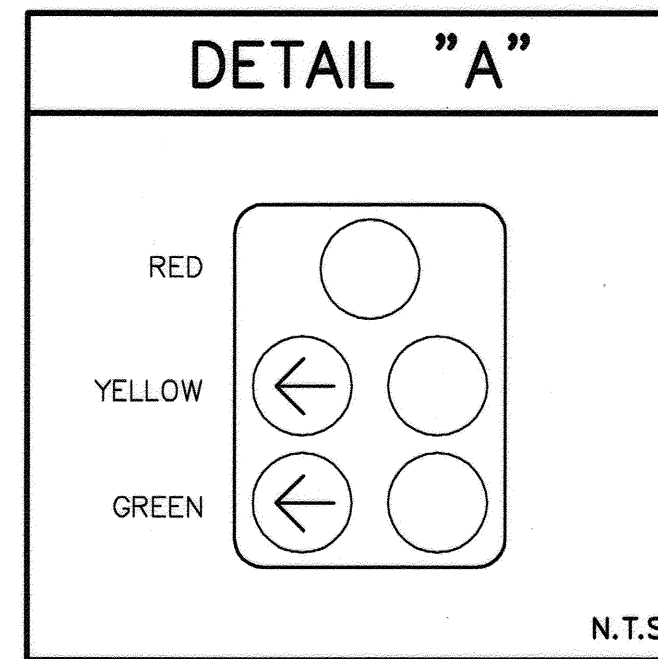


# EQUIPMENT SCHEDULE

No.	TYPE	STANDARD			LUMINAIRE LED	ISNS LEGEND	SIGNAL MOUNTING				PPB PHASE	REMARKS	
		HGT.	SIG. M.A.	LUM. M.A.			VEHICLE	PED	AUDIBLE				
A	26-4-100	30'	45'	15'	250W	Cook	Ave 10200	2-MAS	SV-1-T	SP-1-T	((C))	#4	RS EXIST. POLE AND EQUIPMENT
B	1A	10'	-	-	-	-	-	-	TV-1-T	SP-1-T	((P))	#6	RS EXIST. POLE AND EQUIPMENT
C	19-4-100	30'	25'	12'	250W	Tyler	St 4500	MAS	SV-1-T	SP-1-T	((P))	#6	RS EXIST. POLE AND EQUIPMENT
D	1A	10'	-	-	-	-	-	-	TV-1-T	SP-1-T	((C))	#8	RS EXIST. POLE AND EQUIPMENT
E	26-4-100	30'	45'	15'	250W	Cook	Ave 10300	2-MAS	SV-1-T	SP-1-T	((C))	#8	RS EXIST. POLE AND EQUIPMENT
F	1A	7'	-	-	-	-	-	-	TP-1-T	((P))	#2	RS EXIST. POLE AND EQUIPMENT	
G	19-4-100	30'	25'	12'	250W	Tyler	St 4600	MAS	SV-1-T	SP-1-T	((P))	#2	RS EXIST. POLE AND EQUIPMENT
H	1A	10'	-	-	-	-	-	-	TV-1-T	((C))	#4	RS EXIST. POLE AND EQUIPMENT	

PEDESTRIAN AUDIBLES: C=CUCKOO (NORTH/SOUTH), P=PEEP PEEP (EAST/WEST)  
 ● CONTRACTOR SHALL INSTALL A STRAIGHT (NON-TAPERED) LUMINAIRE MAST ARM

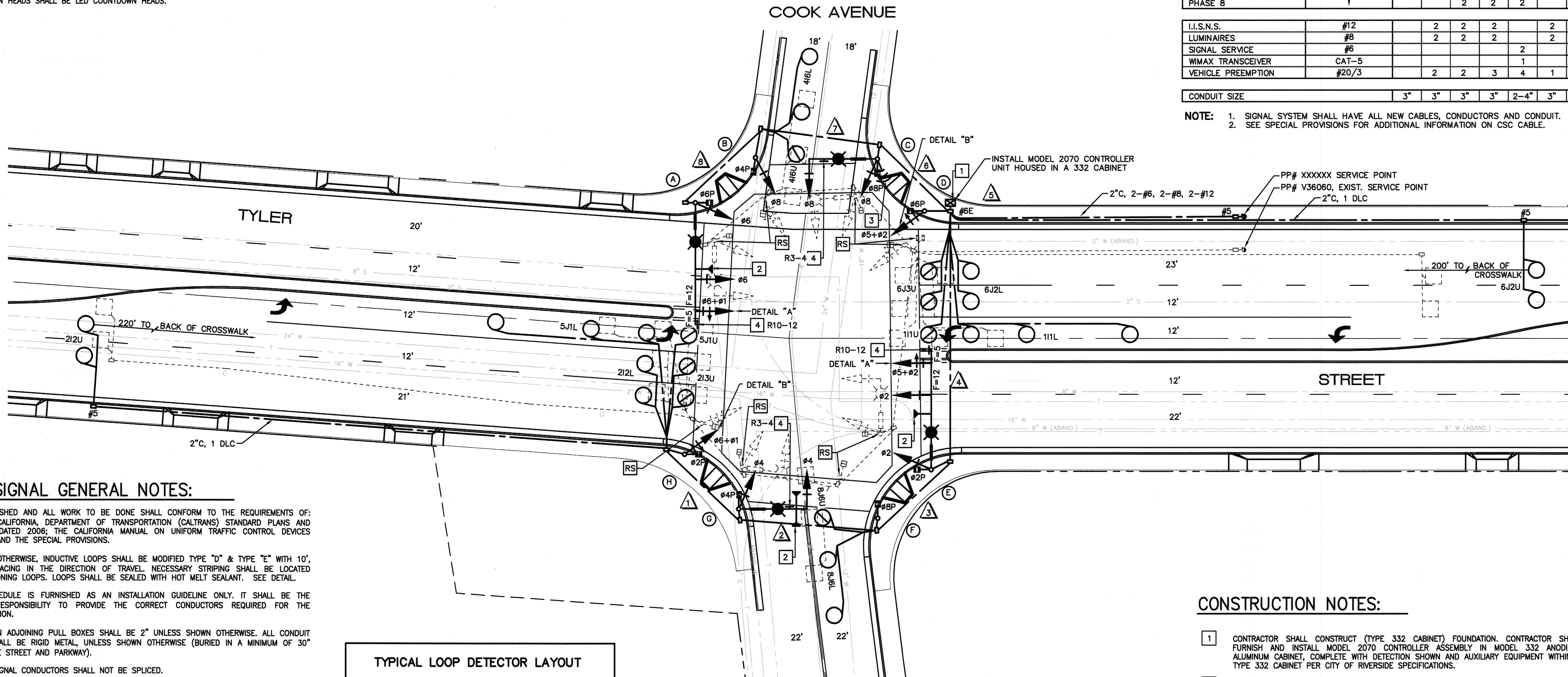
1. PEDESTRIAN PUSH BUTTONS SHALL BE INSTALLED ON THE POLE IN THE QUADRANT NEAREST THE CROSSWALK SERVING THE PHASE.
2. ALL VEHICULAR HEADS SHALL HAVE 12" LENSES.
3. ALL PEDESTRIAN HEADS SHALL BE LED COUNTDOWN HEADS.



# CONDUCTOR TABLE

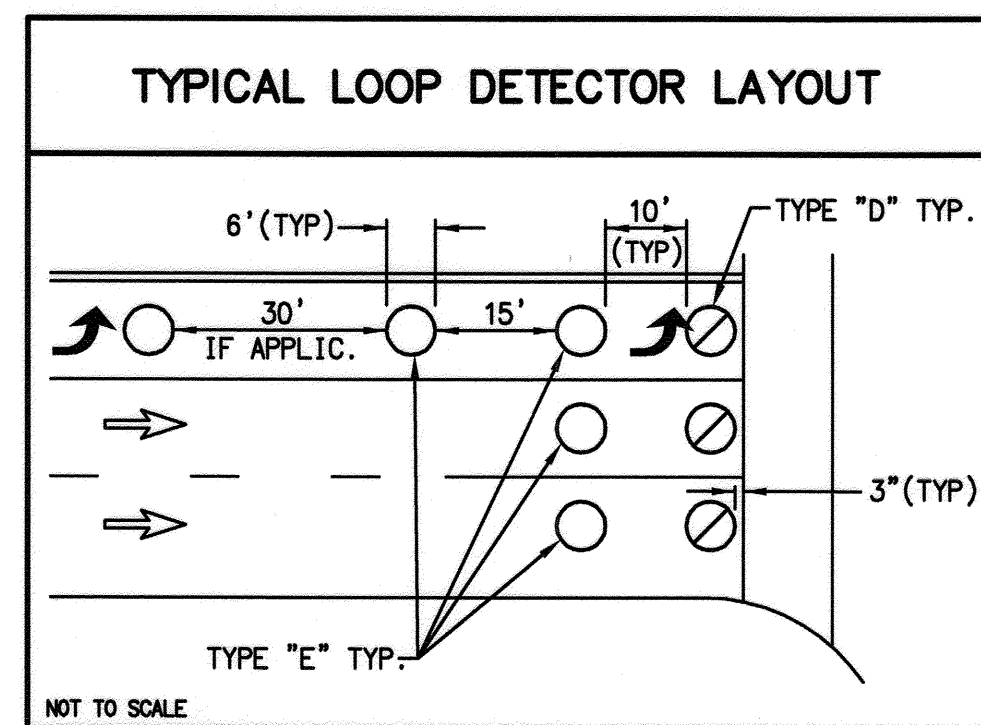
CONTROL FUNCTION	CONDUCTORS	CONDUCTOR RUNS							
		1	2	3	4	5	6	7	8
VEHICLE & PEDESTRIAN HEADS, PEDESTRIAN PUSH BUTTONS, SPARES & COMMONS	12 CSC	1	2	3	4	8	3	2	1
	3 CSC	1	2	3	4	8	3	2	1
DETECTOR CABLE	TYPE B								
PHASE 1								2	
PHASE 2			3	3	3	3	3		
PHASE 3									
PHASE 4								2	2
PHASE 5			2	2	2	2	2		
PHASE 6								3	
PHASE 7									
PHASE 8					2	2	2		
I.I.S.N.S.	#12		2	2	2			2	2
LUMINAIRES	#8		2	2	2			2	2
SIGNAL SERVICE	#6							2	
WIMAX TRANSCIVER	CAT-5							1	
VEHICLE PREEMPTION	#20/3		2	2	3	4	1	1	1
CONDUIT SIZE		3"	3"	3"	3"	2-4"	3"	3"	3"

NOTE: 1. SIGNAL SYSTEM SHALL HAVE ALL NEW CABLES, CONDUCTORS AND CONDUIT.  
 2. SEE SPECIAL PROVISIONS FOR ADDITIONAL INFORMATION ON CSC CABLE.



## TRAFFIC SIGNAL GENERAL NOTES:

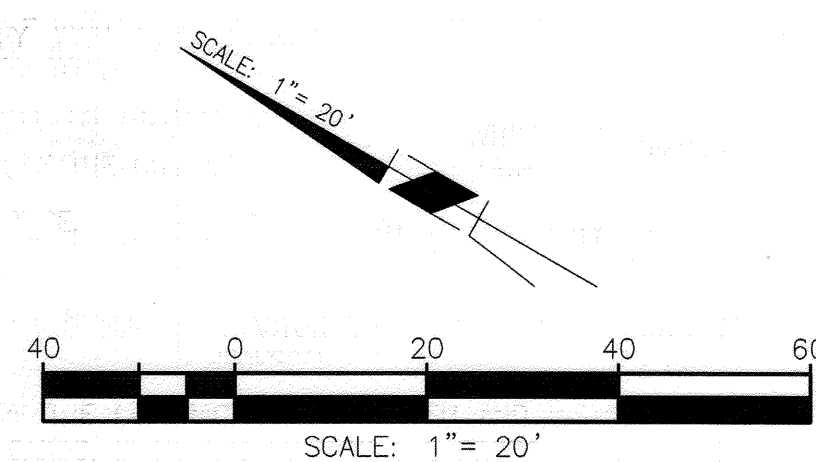
1. ALL ITEMS FURNISHED AND ALL WORK TO BE DONE SHALL CONFORM TO THE REQUIREMENTS OF: THE STATE OF CALIFORNIA, DEPARTMENT OF TRANSPORTATION (CALTRANS) STANDARD PLANS AND SPECIFICATIONS, DATED 2006; THE CALIFORNIA MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES ADOPTED 2012; AND THE SPECIAL PROVISIONS.
2. UNLESS 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.
3. 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.
4. CONDUIT BETWEEN ADJOINING PULL BOXES SHALL BE 2" UNLESS SHOWN OTHERWISE. ALL CONDUIT AND FITTINGS SHALL BE RIGID METAL, UNLESS SHOWN OTHERWISE (BURIED IN A MINIMUM OF 30" OF COVER IN THE STREET AND PARKWAY).
5. UNDERGROUND SIGNAL CONDUCTORS SHALL NOT BE SPLICED.
6. PULLBOXES SHALL BE No. 6 WITH FIBERLITE LIDS LABELED "TRAFFIC SIGNAL" UNLESS OTHERWISE NOTED ON THE PLAN.
7. PULLBOXES SHALL NOT BE LOCATED IN OR WITHIN 1' OF ANY CURB ACCESS RAMP OR DRIVEWAY.
8. THE CONTRACTOR SHALL VERIFY WITH THE ENGINEER THE PRECISE FIELD LOCATIONS OF ALL TRAFFIC SIGNAL EQUIPMENT PRIOR TO THE INSTALLATION.
9. VEHICLE HEADS SHALL BE 12" LED TYPE. THE HOUSING, BACKPLATES AND VISORS SHALL BE METAL.
10. INTERNALLY ILLUMINATED STREET NAME SIGNS (ISNS) SHALL BE TYPE A. STREET NAME LEGENDS SHALL BE UPPER/LOWER CASE AND SHALL INCLUDE BLOCK NUMBERS AND ROAD NAME SUFFIXES.
11. SALVAGED TRAFFIC SIGNAL EQUIPMENT SHALL BE DELIVERED TO THE CITY OF RIVERSIDE TRAFFIC SIGNAL MAINTENANCE YARD.



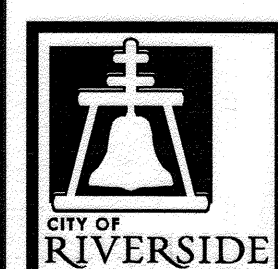
NOT TO SCALE  
 SEE STANDARD DWG NO. 670 FOR TYPE "D" LOOP CONFIGURATION

## CONSTRUCTION NOTES:

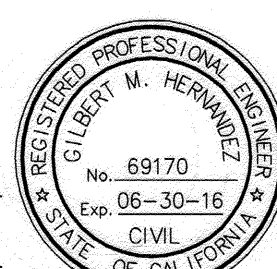
1. CONTRACTOR SHALL CONSTRUCT (TYPE 332 CABINET) FOUNDATION. CONTRACTOR SHALL FURNISH AND INSTALL MODEL 2070 CONTROLLER ASSEMBLY IN MODEL 332 ANODIZED ALUMINUM CABINET, COMPLETE WITH DETECTION SHOWN AND AUXILIARY EQUIPMENT WITHIN A TYPE 332 CABINET PER CITY OF RIVERSIDE SPECIFICATIONS.
2. INSTALL ONE (1) GTT MODEL No. 711 (OR CITY-APPROVED EQUAL) EMERGENCY VEHICLE PRE-EMPTION DETECTOR ASSEMBLY (INCLUDING MOUNTING HARDWARE AND CABLE) FOR EACH DIRECTION, OR OPTICOM MODEL No. 722 (DUAL DIRECTION) AS SHOWN ON PLAN. E.V.P.E. SHALL BE MOUNTED ON THE MAST ARM PER DETAIL "A".
3. THE CONTRACTOR SHALL INSTALL A MOTOROLA POINT-TO-MULTIPOINT 54430 10 MHz SUBSCRIBER MODULE BROADBAND RADIO, MODEL NO. 5490SM10 OR CITY APPROVED EQUAL. RADIO SHALL BE INSTALLED ON POLE X PER THE SPECIAL PROVISIONS. CONTRACTOR SHALL COORDINATE WITH THE CITY OF RIVERSIDE TRAFFIC ENGINEERING SECTION AT 951-826-5104 TO DETERMINE IF THE RADIO WILL PROVIDE PROPER RF PERFORMANCE LEVELS.
4. INSTALL SIGN AS NOTED



Under Ground Service Alert of Southern California  
 Call: TOLL FREE 1-800 227-2600  
 TWO WORKING DAYS BEFORE YOU DIG



ENGINEER IN RESPONSIBLE CHARGE  
 GILBERT M. HERNANDEZ  
 R.C.E. No. 69170 EXPIRES: 6-30-16  
 DATE: 5-18-15



MARK	REVISIONS	APPR. DATE

DESIGNED BY: MAC, DRAWN BY: MAC, CHECKED BY: GMH

CITY OF RIVERSIDE, CALIFORNIA DEPARTMENT OF PUBLIC WORKS			
APPROVED BY	BY	DATE	APPROVED BY
ENGINEERING MANAGER	En	5/21/15	[Signature]
TRAFFIC DIVISION	DC	5/22/15	CITY ENGINEER
CONSTRUCTION ADMIN.			
			DATE: 5/22/2015

TRAFFIC SIGNAL PLAN  
 TYLER STREET AND COOK AVENUE  
 SCALE: 1" = 20'

X-354A  
 SHEET 1 OF 1  
 FILE NAME: X354A.DWG