CONDUCTOR TABLE

AWG	CIRCUIT	RUNS 1	2	3	4	5	6	7	8	9
NO. 14	ø1	3	3	6	6	3	3	3		
	ø2			3	3	3	3	3		
	ø6	3	3	3	3					
	ø8	3	3	6	6	3				
	ø2P			2	2	2	2	2		
	PPB(ø2P)			1	1	1	1			
	PEU			3		3				
	PPB COMMON			1	1	1	1			
	SPARES	3	3	6	6	3	3	3		
	TOTAL No. 14	12	12	31	28	19	13	11		
NO. 8	SIGNAL NEUTRAL	1	1	2	2	1	1	1		
	LUMINAIRE	2	2	4		2	2			
	TOTAL No. 8	3	3	6	2	3	3	1		
VIDEO CABLE	POWER	2	2	3	3					
	VIDEO	2	2	3	3					
	TOTAL CABLES	4	4	6	6					
DLC	ø1		2	2	2					
	ø2			6	6	6	6	6		
	ø6		4	4	4					
	ø8			4	4	4				
	TOTAL DLC		6	16	16	10	6	6		
OPTICOM CABLE	EVA			1	1					
	EVC	1	1	1	1					
	EVD		1	1	1					
	TOTAL CABLES	1	2	3	3					
CONDUIT SIZE (INCHES)		4	4	2–4"	2–4"	4"	4	4		

EQUIPMENT SCHEDULE

No.	STANDARD Type	Sig. M.A.	Lum.M.A.	VEH SIG MTG Mast Arm	Pole	PED SIGNAL ø	MTG	PPB ø	ARROW	HPS LUMINAIRE	SPECIAL REQUIREMENTS
A	26–4–80 **	30'	15'	MAS MAS	SV–2–TB	–	–	–	–	200W	INSTALL SNS "Chabot Ct" AND OPTICOM EVC ON SMA. INSTALL ONE VIDEO DETECTION CAMERA ON LMA AND ONE SIDE–MOUNTED ON POLE. DEPENDING ON WHERE THE SIGNAL POLE IS INSTALLED, THE CONTRACTOR MAY BE REQUIRED TO SHORTEN THE MAST ARM SO THE LEFT TURN VEHICLE HEAD WILL LINE UP CORRECTLY WITH THE LEFT TURN LANE
B	18–4–80 **	25'	–	MAS	SV–2–TB	–	–	–	–	–	INSTALL SNS "Grant Line Rd", R3–4 AND OPTICOM EVD ON SMA.
C	26–4–80 **	40'	*	MAS	SV–1–T	2	SP–1–T	–	–	–	INSTALL SNS "Chabot Ct", R3–18 AND OPTICOM EVA ON SMA. NO LUMINAIRE MAST ARM DUE TO OVERHEAD UTILITY CONFLICT. SIDE–MOUNT VIDEO DETECTION CAMERA ON POLE AT 30'.
D	15TS **	–	15'	–	SV–1–T	–	–	2	RIGHT	200W	INSTALL PEU ON TOP OF POLE.
E	15TS	–	15'	–	–	–	–	2	LEFT	200W	
F	1–A	–	–	–	TV–2–T	2	SP–1–T	–	–	–	

** EXISTING POLES LOCATED ON–SITE IN WAREHOUSE. THE CONTRACTOR SHALL ADJUST TENONS AS NEEDED.

ISSUE FOR CONSTRUCTION 6–6–2011

REGISTERED PROFESSIONAL ENGINEER CHRIS D. KINZEL No. 15347 Exp. 3-31-13 CIVIL STATE OF CALIFORNIA

TJKM Transportation Consultants
3875 Hopyard Road, Suite 200
Pleasanton, CA 94588
Phone:(925)463-0611 Fax:(925)463-3690
email: tjkm@tjkm.com

ENGINEER Chris D. Kinzel RCE 15347
CHRIS D. KINZEL
REG. EXPIRES: 3/31/13 JOB NO. 163–116 DATE: 6/6/11

CITY OF TRACY

APPROVAL OF THESE PLANS DOES NOT RELEASE THE DEVELOPER OF THE RESPONSIBILITY FOR CORRECTNESS OF THE PLANS, FOR ERRORS, OMISSIONS, OR FOR SUBSEQUENT ERRORS IN THE COURSE OF CONSTRUCTION OF THE IMPROVEMENTS PUBLIC INTEREST REQUIRES MODIFICATIONS OF OR A DEPARTURE FROM THE SPECIFICATIONS AND DETAILS OF THE CITY OF TRACY OR THESE PLANS, THE CITY ENGINEER SHALL HAVE THE AUTHORITY TO ORDER SUCH MODIFICATIONS OR DEPARTURE. IT IS ASSUMED THAT THE PLANS WILL WORK THE SAME IS TO BE MADE AT NO COST TO THE CITY, APPROVED AS TO DESIGN ONLY BASED ON THE INFORMATION SUBMITTED HEREON, APPROVED FOR THE CITY OF TRACY.

KULDEEP SHARMA — CITY ENGINEER — DATE:

CONDUCTOR AND EQUIPMENT SCHEDULES GRANT LINE ROAD AT CHABOT COURT

REVISIONS

SYMBOL	DATE	DESCRIPTION	APPROVED

DESIGNED BY: DRAWN BY: CHECKED BY: SCALE:

IMPROVEMENT PLAN OF GRANT LINE ROAD & CHABOT COURT FOR AMB PROPERTIES

SHEET **TS-2**