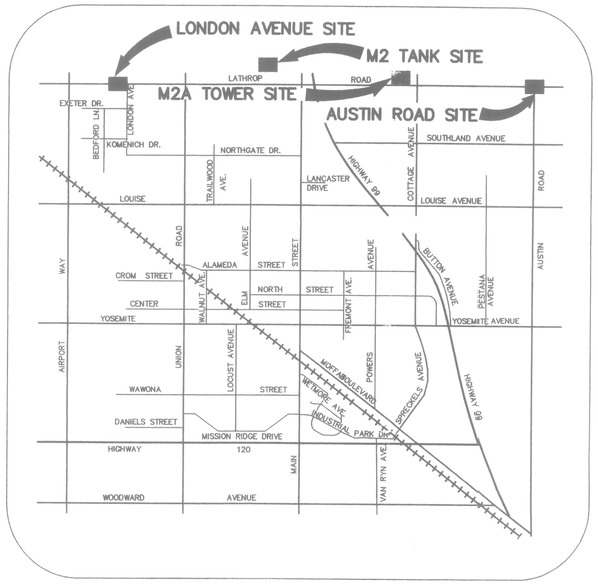
LONDON AVENUE & AUSTIN ROAD WATER METERING FACILITY PROJECT



N.T.S.

PROJECT LOCATION MAP

ABBREVIATIONS

AB	AGGREGATE BASE
AC	ASPHALT CONCRETE
AD	AREA DRAIN
ARV	AIR RELIEF VALVE
BSW	BACK OF SIDEWALK
BO	BLOW-OFF VALVE
CB	CATCH BASIN
C&G	CURB AND GUTTER
CG&SW	CURB AND GUTTER AND SIDEWALK
CI	CURB INLET
CICB	CURB INLET CATCH BASIN
CMP	CORRUGATED METAL PIPE
CO	CLEAN OUT
CR	CURB RETURN
CTS	CORROSION TEST STATION
C/L	CENTERLINE
DI	DROP INLET
DIP	DUCTILE IRON PIPE
DR	DRIVE
D/W	DRIVEWAY
E	ELECTRIC
EA	EACH
EC	END CURVE
EL	ELEVATION
EP	EDGE OF PAVEMENT
ER	END OF RETURN
EX	EXISTING
FG	FINISHED GRADE
FH	FIRE HYDRANT
FIT	FLOW INDICATING TRANSMITTER
FL	FLOW LINE
FOC	FACE OF CURB
G	GAS
GB	GRADE BREAK
HORZ	HORIZONTAL
INV	INVERT
JP	JOINT UTILITY POLE
LF	LINEAR FEET
LP	LOW POINT
LT	LEFT
MAX	MAXIMUM
MH	MANHOLE
MB	MAILBOX
MIN	MINIMUM
NIC	NOT IN CONTRACT
NTS	NOT TO SCALE
OG	ORIGINAL GROUND
OID	OPERATOR INTERFACE DEVICE
PAE	PUBLIC ACCESS EASEMENT
PAVE	PAVEMENT ELEVATION
PIT	PRESSURE INDICATING TRANSMITTER
PT	POINT
PL	PROPERTY LINE
PUE	PUBLIC UTILITY EASEMENT
PVC	POLYVINYL CHLORIDE
R	RADIUS
RCP	REINFORCED CONCRETE PIPE
RET	RETURN
RIM	RIM ELEVATION
RT	RIGHT
ROW	RIGHT OF WAY
S	SLOPE
SD	STORM DRAIN
SDMH	STORM DRAIN MANHOLE
SHT	SHEET
SO	SIDE OPENING
SS	SANITARY SEWER
SSJID	SOUTH SAN JOAQUIN IRRIGATION DISTRICT
SSLH	SANITARY SEWER LAMPHOLE
SSMH	SANITARY SEWER MANHOLE
ST	STREET
STA	STATION
STD	STANDARD
S/W	SIDEWALK
SDEQ	STORM DRAIN EQUALIZER
TBO	TEMPORARY BLOW-OFF VALVE
TC	TOP OF CURB
TDOC	TOP DRIVE-OVER CURB (AT SCORE MARK)
TEL	TELEPHONE
TEMP	TEMPORARY
TYP	TYPICAL
USGS	UNITED STATES GEOLOGICAL SURVEY
VCP	VITRIFIED CLAY PIPE
VERT	VERTICAL
W	WATER
WV	WATER VALVE
W/	WITH

SHEET INDEX

C1 COVER SHEET
C2 NOTES
C3 AUSTIN ROAD SITE DETAILS
~~C4 LONDON AVENUE SITE DETAILS~~
~~C5 CONTROL DETAILS & SPECIFICATION~~
C6 PRESSURE SUSTAINING VALVE DETAILS

SECTION AND DETAIL REFERENCE KEY

DETAIL — 1 — DETAIL DESIGNATION
SHEET LOCATED ON — 1 | 1 — SHEET DRAWN ON

LEGEND

PROPOSED	EXISTING	
	EX 6"SS	SANITARY SEWER
	EX 8"SD	STORM DRAIN
	GAS GAS GAS	GAS LINE
8"W	EX 8"W	WATER LINE
		WATER VALVE
		FENCE
		MANHOLE
		CATCHBASIN
		CURB AND GUTTER
		SIDEWALK
		FIRE HYDRANT
		AIR RELEASE VALVE
		PIPE CAP
		BLOW-OFF VALVE
		JOINT UTILITY POLE

CALL BEFORE YOU DIG 800-642-2444 UNDERGROUND SERVICE ALERT

COUNTY OF SAN JOAQUIN
DEPARTMENT OF PUBLIC WORKS

APPROVED AS "ENCROACHMENT PERMIT PLAN SET"
APPROVED FOR WORK WITHIN COUNTY RIGHT-OF-WAY ONLY

APPROVED: _____
SENIOR CIVIL ENGINEER DATE

RCE NO. _____ EXP. DATE: _____

REGISTERED PROFESSIONAL ENGINEER FERNANDO ULLOA No. 62736 CIVIL STATE OF CALIFORNIA

BID SET

WARNING CAUTION
EXISTING UNDERGROUND UTILITIES CONTACT: UNDERGROUND SERVICE ALERT PHONE: (800) 642-2444 FOR MARKING PRIOR TO DIGGING

THE CITY OF MANTECA SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF ELECTRONIC COPIES OF THIS PLAN SHEET.

APPROVED
9/27/12 — Phil Gorea for — MARK HOUGHTON, CITY ENGINEER
DATE

APPROVED
1-3-13 — Fernando Ulloa — FERNANDO ULLOA, RCE 62736
DATE

CITY OF MANTECA
DEPARTMENT OF PUBLIC WORKS
1001 WEST CENTER STREET, MANTECA, CALIFORNIA 95337

SCALE	AS SHOWN
DESIGNED	AM
DRAWN	AM
CHECKED	FU
DATE	SEPTEMBER 2012

TITLE: LONDON AVENUE & AUSTIN ROAD WATER METERING FACILITIES PROJECT COVER SHEET

SHEET: C1

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