LIGHT RAIL MEDIAN LANDSCAPING
(PHASE 1 - RECYCLED WATER MAIN)

CITY OF MILPITAS - PROJECT NO: 2001

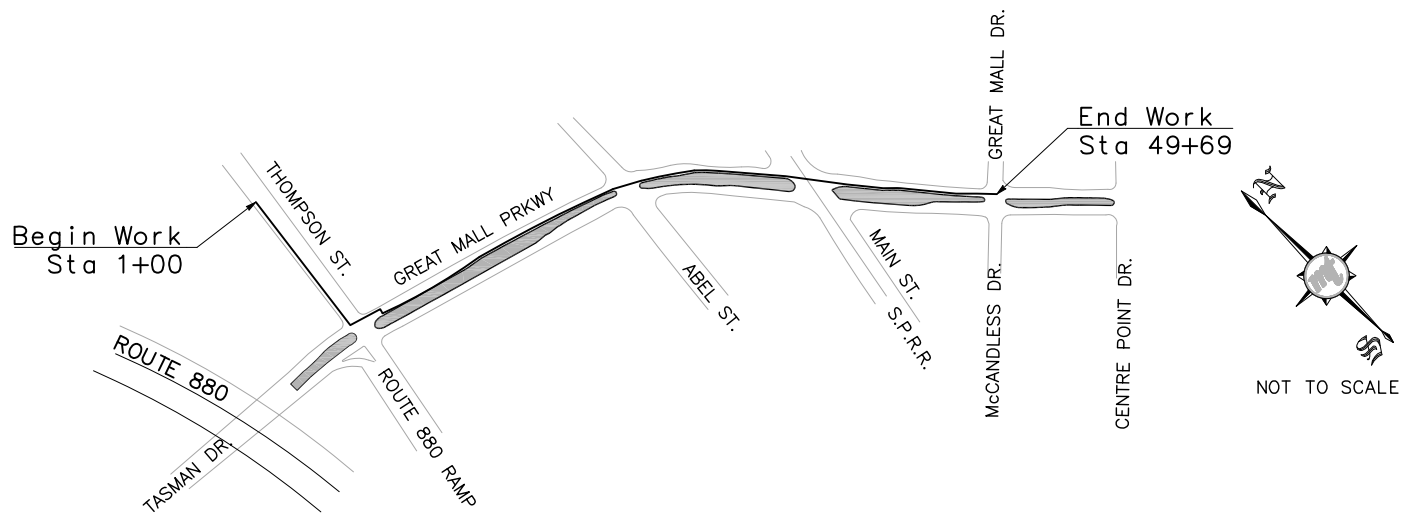
SANTA CLARA COUNTY, CALIFORNIA

LEGEND

MEDIAN ISLAND PROJECT

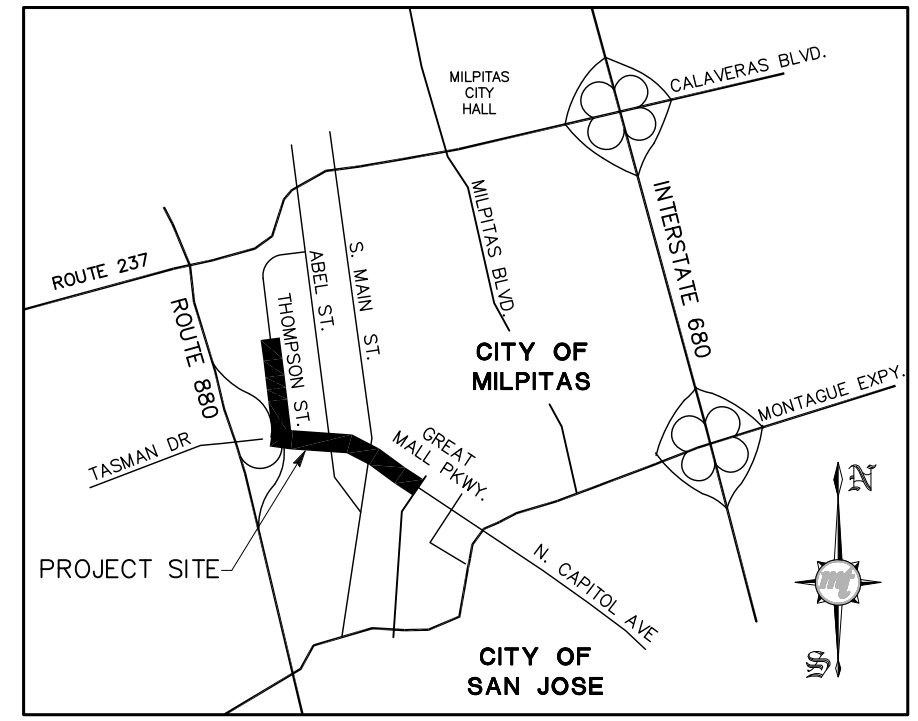
ABBREVIATIONS

AB	–	AGGREGATE BASE
AC	–	ASPHALTIC CONCRETE
AD	–	AREA DRAIN
AS	–	AGGREGATE SUBBASE
ARV	–	AIR RELEASE VALVE
BOV	–	BLOW OFF VALVE
BOW	–	BOTTOM OF WALL
BW	–	BACK OF WALK
CB	–	CATCH BASIN
C&G	–	CURB AND GUTTER
CI	–	CURB INLET
CIP	–	CAST IRON PIPE
CO	–	CLEANOUT
CMP	–	CORRUGATED METAL PIPE
CONC.	–	CONCRETE
CONST	–	CONSTRUCTION OR CONSTRUCT
DCVA	–	DOUBLE CHECK VALVE ASSEMBLY
DI	–	DROP INLET
DS	–	DOWN SPOUT
DW	–	DOMESTIC WATER
DWG	–	DRAWING
E	–	EAST
EP	–	EDGE OF PAVEMENT
ELEV.	–	ELEVATION
EX,EXIST	–	EXISTING
FC	–	FACE OF CURB
FDC	–	FIRE DEPARTMENT CONNECTION
FF	–	FINISHED FLOOR
FG	–	FINISHED GRADE
FH	–	FIRE HYDRANT
FL	–	FLOW LINE
FS	–	FIRE SERVICE
FW	–	FIRE WATER
GB	–	GRADE BREAK
GV	–	GATE VALVE
HC	–	HANDICAP
HP	–	HIGH POINT
INV	–	INVERT ELEVATION
JP	–	JOINT POLE
MAX	–	MAXIMUM
MIN	–	MINIMUM
MH	–	MANHOLE
NO	–	NUMBER
NTS	–	NOT TO SCALE
P	–	PAVEMENT ELEVATION
P&P	–	PLAN AND PROFILE
PIV	–	POST INDICATOR VALVE
PL	–	PROPERTY LINE
PP	–	POWER POLE
PVC	–	POLYVINYL CHLORIDE PIPE
R	–	RADIUS
RC	–	RELATIVE COMPACTION
RCP	–	REINFORCED CONCRETE PIPE
R/W	–	RIGHT OF WAY
RPBP	–	REDUCED PRESSURE BACK FLOW PREVENTER
RWL	–	RAIN WATER LEADER
SW	–	SIDEWALK
S	–	SLOPE OR SOUTH
S.P.R.R.	–	SOUTHERN PACIFIC RAIL ROAD
SDCO	–	STORM DRAIN CLEANOUT
SSCO	–	SANITARY SEWER CLEANOUT
SD	–	STORM DRAIN
SMH	–	SIGNAL MANHOLE
SS	–	SANITARY SEWER
STA	–	STATION
STD	–	STANDARD
TYP	–	TYPICAL
TC	–	TOP OF CURB
TOW	–	TOP OF WALL
UON	–	UNLESS OTHERWISE NOTED
VC	–	VERTICAL CURVE
W/	–	WITH
WM	–	WATER METER
WV	–	WATER VALVE
W	–	WEST
WWF	–	WELDED WIRE FABRIC



STANDARD SYMBOLS & LEGEND

DESCRIPTION	SYMBOL
PROPERTY LINE	
PROPOSED WATER LINE	SIZE,TYPE AND FUNCTION
PROPOSED CASING	
PROPOSED WATER VALVE	
STREET CENTER LINE	
PROPOSED EASEMENT	
EXISTING EASEMENT	
ABANDONED UTILITY	ABAN
EXISTING STORM DRAIN	SIZE AND TYPE SD
EXISTING SANITARY SEWER	SIZE AND TYPE SS
EXISTING WATER LINE	SIZE AND TYPE W
EXISTING RECYCLED WATER LINE	SIZE AND TYPE RW
EXISTING GAS LINE	SIZE AND TYPE G
EXISTING TELEPHONE CONDUIT	SIZE AND TYPE T
EXISTING TELEPHONE OVERHEAD	T OH
EXISTING ELECTRICAL CONDUIT	SIZE AND TYPE E
EXISTING STREET LIGHT CONDUIT	SL
EXISTING WATER/GATE VALVE	W G
EXISTING CURB @ MEDIAN ISLAND	



VICINITY MAP

NOT TO SCALE

INDEX OF SHEETS

NO.	SHT.	SHEET TITLE
1	RW–1.0	COVER SHEET
2	RW–1.1	GENERAL NOTES
3	RW–1.2	BLUEPRINT FOR A CLEAN BAY
4	RW–2.0	PIPE LAYOUT PLAN – STA. 1+00 TO STA. 5+50
5	RW–2.1	PIPE LAYOUT PLAN – STA. 5+50. TO STA. 11+50
6	RW–2.2	PIPE LAYOUT PLAN – STA. 11+50 TO STA. 17+50
7	RW–2.3	PIPE LAYOUT PLAN – STA. 17+50 TO STA. 22+50
8	RW–2.4	PIPE LAYOUT PLAN – STA. 22+50 TO STA. 28+00
9	RW–2.5	PIPE LAYOUT PLAN – STA. 28+00 TO STA. 34+00
10	RW–2.6	PIPE LAYOUT PLAN – STA. 34+00 TO STA. 40+00
11	RW–2.7	PIPE LAYOUT PLAN – STA. 40+00 TO STA. 46+00
12	RW–2.8	PIPE LAYOUT PLAN – STA. 46+00 TO STA. 49+69
13	RW–3.0	CONSTRUCTION DETAILS
14	RW–3.1	CONSTRUCTION DETAILS
15	RW–3.2	CONSTRUCTION DETAILS
16	RW–3.3	CONSTRUCTION DETAILS
17	RW–3.4	CONSTRUCTION DETAILS
18	TC–4.0	TRUCK ROUTE PLAN
19	TC–4.1	TRAFFIC CONTROL PLAN – STAGE 1
20	TC–4.2	TRAFFIC CONTROL PLAN – STAGE 2 PHASE 1
21	TC–4.3	TRAFFIC CONTROL PLAN – STAGE 2 PHASE 2
22	TC–4.4	TRAFFIC CONTROL PLAN – STAGE 3
23	TC–4.5	TRAFFIC CONTROL PLAN – STAGE 4
24	TC–4.6	TRAFFIC CONTROL PLAN – STAGE 5

CALL TWO WORKING DAYS
BEFORE YOU DIG
IN CALIFORNIA, NEVADA AND HAWAII
1–800–227–2600
UNDERGROUND SERVICE ALERT

BID SET

CIP 4133 – GREAT MALL PRKWY. MEDIAN ISLANDS 2009

\\SJFILE02\Project Files\Sugimora Finney-58-02306_Great Mall Parkway\ENG\DOCUMENTS\SENT\to City\RW-1.0_COVER-SHEET-exhibit-Rev.dwg
May12,2009 12:13pm

Engineer's Company Name & Address:

MARK THOMAS & COMPANY, INC.
Providing Engineering, Surveying, and Planning Services
1960 Zanker Road
San Jose, CA 95112
(408) 453-5373

Engineer's Seal:

REGISTERED PROFESSIONAL ENGINEER
JIMMY W. SIMS
No. 35458
Exp. 09/30/09
CIVIL
STATE OF CALIFORNIA

Record Drawings

Project Engineer: _____ Date: _____
Designer: _____ Date: _____
Public Works Inspector: _____ Date: _____
Public Improvements Initially Accepted by the City Council on: _____

Drawn By: _____ Date: _____
Checked By: _____ Date: _____
Designed By: _____ Date: _____

Submittals & Revisions

Num.	Description	Engr. Aprv.	Date
0	ISSUED FOR BID		

CITY OF MILPITAS
CALIFORNIA
JANUARY 20, 1954

CITY OF MILPITAS
ENGINEERING DIVISION

LIGHT RAIL MEDIAN LANDSCAPING
(PHASE 1 - RECYCLED WATER MAIN)

RECOMMENDED FOR BIDDING: _____ DATE: _____
Marilyn Nickel, Associate Civil Engineer
RECOMMENDED FOR BIDDING: _____ DATE: _____
Kathleen Phalen, Principal Engineer
APPROVED FOR BIDDING: _____ DATE: _____
Greg Armendariz, Public Works Engineer/City Engineer

PROJECT NO. 2001
DRAWING NO.
E.P. NO.
SCALE: AS SHOWN
SHT: RW–1.0
NO. 1 OF 24

*16