

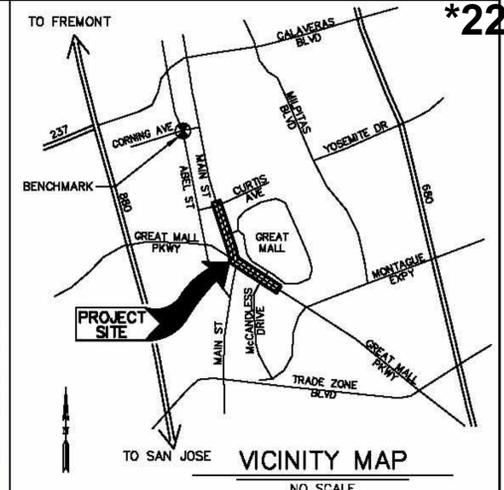
**BENCHMARK**

SOUTHERLY DISK IN MONUMENT WELL AT THE INTERSECTION OF ABEL STREET AND CORNING AVENUE. ELEVATION = 17.124' (NGVD29).

**EXISTING UTILITY NOTE:**

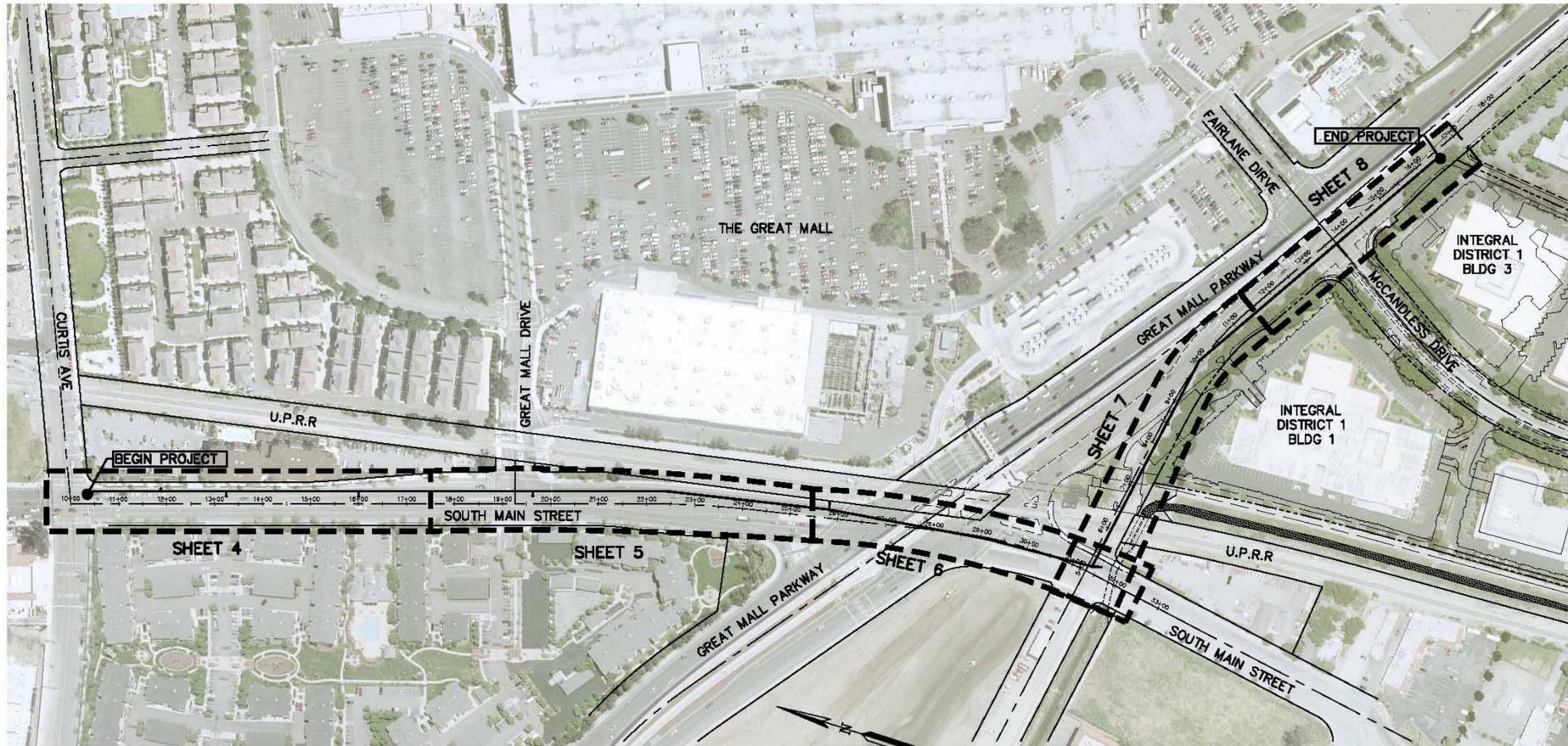
EXISTING UNDERGROUND UTILITIES AND IMPROVEMENTS ARE SHOWN IN THEIR APPROXIMATE LOCATIONS BASED UPON RECORD INFORMATION AVAILABLE TO THE ENGINEER AT THE TIME OF PREPARATION OF THESE PLANS. LOCATIONS MAY NOT HAVE BEEN VERIFIED IN THE FIELD AND NO GUARANTEE IS MADE AS TO THE ACCURACY OR COMPLETENESS OF THE INFORMATION SHOWN. THE CONTRACTOR SHALL NOTIFY UTILITY COMPANIES AT LEAST 2 WORKING DAYS IN ADVANCE OF CONSTRUCTION TO FIELD LOCATE UTILITIES. CALL UNDERGROUND SERVICE ALERT (U.S.A.) AT 1-800-227-2600. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO DETERMINE THE EXISTENCE AND LOCATION

# IMPROVEMENT PLANS FOR SEWER REPLACEMENT 11A AND PORTION OF 11B MILPITAS, CALIFORNIA



\*22

PROPOSED	DESCRIPTION	EXISTING
---	TRACT BOUNDARY	---
---	RIGHT-OF-WAY	---
---	CENTERLINE	---
---	FACE OF CURB	---
---	EASEMENT LINE	---
SS	SANITARY SEWER	S
---	STORM DRAIN	D
---	WATER	W
---	RECYCLED WATER	RW
---	ELECTRICAL	E
---	TELECOMMUNICATION	T
---	GAS	G
---	FUEL	F
---	JOINT TRENCH	JT
---	STREET LIGHT	SL
---	OVERHEAD UTILITY	OH
---	SIGNAL	---
---	DUCT BANK	---
---	ABANDONED UTILITY	---
●	MANHOLE	○
□	CATCH BASIN/FIELD INLET	□
⊕	FIRE HYDRANT	⊕
⊖	ELECTROLYZER	⊖
⊕⊖	RAILROAD TRACKS	⊕⊖
▨	CASING PIPE	---
⊕	JACK & BORE FITS	---



**LOCATION MAP**  
1" = 150'

**SHEET INDEX**

SHEET NO	TITLE
1	TITLE SHEET
2-3	NOTES
4	SOUTH MAIN STREET BEGIN TO 17+50
5	SOUTH MAIN STREET 17+50 TO 25+50
6	SOUTH MAIN STREET 25+50 TO 32+00
7	GREAT MALL PARKWAY 5+00 TO 11+50
8	GREAT MALL PARKWAY 11+50 TO END
9	TRAFFIC CONTROL - OVERALL
10	BEST MANAGEMENT PRACTICES
11-12	CITY STANDARD DETAILS
13	WATER POLLUTION CONTROL

**ABBREVIATIONS**

AB	AGGREGATE BASE	(N)	NORTH
AC	ASPHALTIC CONCRETE	(NE)	NORTHEAST
ACP	ASBESTOS CEMENT PIPE	(NW)	NORTHWEST
APPROX	APPROXIMATE	NO.	NUMBER
BLDG	BUILDING	N.T.S.	NOT TO SCALE
BNDY	BOUNDARY	PAV	PAYMENT
BC	BEGIN CURVE	PGE	PACIFIC GAS & ELECTRIC COMPANY
BW	BACK OF WALK	PL or E	PROPERTY LINE
C&G	CURB & GUTTER	PRC	POINT OF REVERSE CURVATURE
CB	CATCH BASIN	PSI	PER SQUARE INCH
CL	CENTERLINE	PT	POINT
DIA	DIAMETER	PVC	POLYVINYL CHLORIDE PIPE
DIP	DUCTILE IRON PIPE	R	RIGHT OF RADIUS
DWG	DRAWING	RCP	REINFORCED CONCRETE PIPE
(E)	EAST	RW or R/W	RIGHT OF WAY
EC	END CURVE	S	SLOPE
ELEC	ELECTRICAL	(S)	SOUTH
ELEV	ELEVATION	(SE)	SOUTHEAST
EP	EDGE OF PAVEMENT	(SW)	SOUTHWEST
EX	EXISTING	SD	STORM DRAIN
FIBER	FIBER OPTIC LINE	SDMH	STORM DRAIN MANHOLE
FC	FACE OF CURB	SS	SANITARY SEWER
FH	FIRE HYDRANT	SSMH	SANITARY SEWER MANHOLE
GR	GRATE	STA	STATION
HOR	HORIZONTAL	STL	STEEL PIPE
HR	HOUR	STD	STANDARD
INV	INVERT	SWK	SIDEWALK
JT	JOINT TRENCH	TEL	TELECOMMUNICATION
L	LEFT	TYP	TYPICAL
LAT	LATERAL	UPRR	UNION PACIFIC RAILROAD
LF	LINEAR FEET	VCP	VITRIFIED CLAY PIPE
MAX	MAXIMUM	VERT	VERTICAL
MIN	MINIMUM	(W)	WEST



DWG. NO.	CITY OF MILPITAS STANDARD DETAILS
220	TRENCH CONSTRUCTION
222	PAVEMENT RESTORATION
223	UTILITY CROSSING CASING
230	SANITARY & STORM MANHOLES
410	CURB AND GUTTER
428	COMMERCIAL SIDEWALK
470	CURB INLET SEDIMENT BARRIER
750	ELECTROLYSIS STATION

**SCOPE OF WORK**  
1.) UPSIZE OFFSITE SEWER MAIN IN SOUTH MAIN STREET AND GREAT MALL PARKWAY. (SEWER PROJECTS: 11A & 11B, PER CITY OF MILPITAS SEWER MASTER PLAN, AUG 2004)  
2.) TRAFFIC CONTROL RELATED TO SEWER IMPROVEMENTS.

**LOCATION OF UTILITIES**  
LOCATION OF UTILITIES SHOWN IS ONLY APPROXIMATE. DETERMINATION OF THE ACTUAL LOCATION IS THE RESPONSIBILITY OF THE CONTRACTOR.  
U.S.A. 1-800-227-2600

**SOILS ENGINEER:** These plans have been reviewed and found to be in substantial conformance with the intent and purpose of the geotechnical exploration report dated \_\_\_\_\_, prepared by \_\_\_\_\_ Date \_\_\_\_\_  
Firm: \_\_\_\_\_  
Address: \_\_\_\_\_  
Telephone: \_\_\_\_\_

**CIVIL ENGINEER:** I hereby declare that I am the engineer of work for this project, that I have exercised responsible charge over the design of the project as defined in section 8703 of the business and professions codes, and that the design is consistent with current standards. The design shown herein is necessary and reasonable and does not restrict any historic drainage flows from adjacent properties nor increase drainage to adjacent properties. The design includes principles and techniques to reduce quantity and improve the quality of storm water runoff, as required by NPDES. I understand that the check of project drawings and specifications by the City of Milpitas is confined to a review only and does not relieve me, as engineer of work, of my responsibilities for project design.  
SIGNATURE \_\_\_\_\_ DATE \_\_\_\_\_ P.E. \_\_\_\_\_  
Firm: \_\_\_\_\_  
Address: \_\_\_\_\_  
Telephone: \_\_\_\_\_



**RECOMMENDED FOR APPROVAL:**  
Planning \_\_\_\_\_ Date \_\_\_\_\_  
Fire \_\_\_\_\_ Date \_\_\_\_\_  
Building \_\_\_\_\_ Date \_\_\_\_\_

**Record Drawings**  
To be completed prior to acceptance of work by the City  
Signature + Seal Date \_\_\_\_\_  
P.E. No. Exp. \_\_\_\_\_  
Public Works Inspector \_\_\_\_\_

Revisions				
Num.	Date	By	Description	City Engr. Apprv. Date

**CITY OF MILPITAS ENGINEERING DIVISION**  
Approved: \_\_\_\_\_ Project No. 072030  
City Engineer Date \_\_\_\_\_ PJ3222  
FILE NO. 2-1153  
Any changes to this plan shall be approved by the City Engineer  
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