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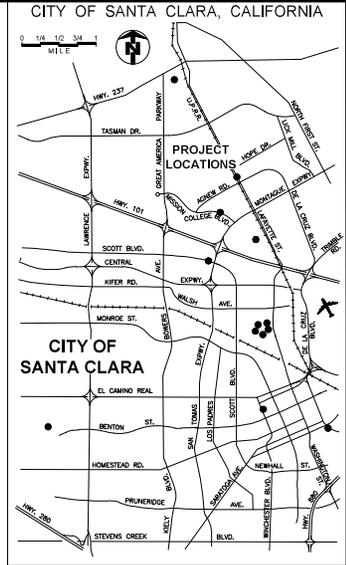
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**65% SUBMITTAL, DATED 9/15/21  
NOT FOR CONSTRUCTION**



**PUBLIC WORKS DEPARTMENT**

**2022 ANNUAL STREET MAINTENANCE AND REHABILITATION PROJECT  
CITY OF SANTA CLARA, SANTA CLARA COUNTY, CALIFORNIA.**



**VICINITY MAP**  
N.T.S.

**LEGEND SYMBOLS**

	SLURRY SEAL
	HMA MILL & FILL
	FULL DEPTH AC RECONSTRUCTION
	AC DIGOUT
	CITY RIGHT OF WAY
	CITY MONUMENTS
	SANITARY SEWER MANHOLE
	STORM DRAIN MANHOLE
	TELEPHONE MANHOLE
	ELECTRIC MANHOLE
	LEVEL 3 COMMUNICATION MANHOLE
	WATER VALVE
	GAS VALVE
	DRAIN INLET
	FIRE HYDRANT
	PULL BOX
	SVP MANHOLE
	STREET LIGHT
	WOOD POLE
	SVP PULL BOX, VAULT
	TRANSFORMER
	FIBER OPTIC PULL BOX
	FIRE ALARM PULL BOX

	COMCAST/TELEPHONE
	TRAFFIC CONDUIT
	FIBER OPTIC CONDUIT
	FIBER OPTIC OVERHEAD LINE
	OVERHEAD LINE
	FIBER OPTIC SVP
	STORM DRAIN
	SANITARY SEWER
	WATER MAIN
	CURB RAMP
	EX STRIPE
	PAVEMENT MARKINGS
	LIMIT LINE (LL)
	FIRE HYDRANT BLUE PAVEMENT MARKER
	SIGN AND POST
	DETAIL REFERENCE NUMBER
	SHEET REFERENCE NUMBER
	LENGTH STRIPING DETAIL NO.
	CONSTRUCTION NOTE
	DIGOUT NUMBER

**ABBREVIATIONS**

AC	ASPHALT CONCRETE	PCC	PORTLAND CONCRETE CEMENT
AB	AGGREGATE BASE	PCC&E	PACIFIC GAS AND ELECTRIC
BW	BACK OF WALK	PPB	PEDESTRIAN PUSH BUTTON
C&G	CURB AND GUTTER	PP	POWER POLE
CJ	CONSTRUCTION JOINT	PVT	PAVEMENT
CO	CENTERLINE	RMA	PRIVATE
COINC	CONCRETE	RSP	RUBBERIZED HOT MIX ASPHALT
DI	DRAINAGE INLET	R&R	REVISED STANDARD PLANS
DET	DETAIL	RCW	RECYCLED WATER VALVE
DETECT	DETECTABLE WARNING SURFACE	R&R	REMOVE & REPLACE
DWY	DRIVEWAY	SD	STORM DRAIN
EDGE	EDGE OF PAVEMENT	SDM	STORM DRAIN MANHOLE
EVT	ELECTRICAL VAULT	SP	SIGNAL POLE
EX	EXISTING	SSMH	SANITARY SEWER MANHOLE
FC	FACE OF CURB	SVP	SILICON VALLEY POWER
FC	FIRE HYDRANT	SE	SOUTHEAST
GV	GAS VALVE	SW	STANDARD
HMA	HOT MIX ASPHALT	STD	TO BE DETERMINED
H.P.	HIGH POINT	TBD	TOP OF CURB
LP	LAMP POST	T.I.	TRAFFIC INDEX
LP	LIP OF GUTTER	T.I.	TRAFFIC INDEX
MON	MONUMENT	TPB	TRAFFIC PULL BOX
NE	NORTHWEST	TS	TRAFFIC SIGNAL
NW	NORTHWEST	TYP	TYPICAL
NTS	NOT TO SCALE	VG	VALLEY GUTTER
N	NEW	WV	WATER VALVE
O.C.	ON CENTER	YL	YIELD LINE

**APPLICABLE STANDARD PLANS**

<b>SANTA CLARA STANDARD DETAILS (2015)</b>	
ST-11	MONOLITHIC CURB AND GUTTER
ST-12	MONOLITHIC CURB, GUTTER AND SIDEWALK
ST-14	CURVED CURB RAMP (SEE SHEET 139)
ST-15	STRAIGHT CURB RAMP (SEE SHEET 139)
ST-16	CURB RAMP GRADING AND TRUNCATED DOME DETAILS (SEE SHEET 139)
ST-17	CONCRETE JOINTS
ST-18	DOWEL CONNECTIONS
ST-20	MONUMENT
ST-21	SPECIAL MONUMENT BOX ADJUSTMENT
DS-1	MANHOLE
DS-5	MANHOLE RAISING
DS-6	CONCRETE COLLAR
TR-1	STREET NAME SIGN AND LOCATION
TR-5	TRAFFIC SIGNAL TRENCH DETAILS
TR-6	PULL BOX
TR-7	TRAFFIC SIGNAL DETECTOR LOOPS SPACING
TR-8	TYPICAL STOP INTERSECTION
NO. 2	TRAFFIC VALVE BOX
AP-A	APPENDIX A GENERAL NOTES

<b>CALTRANS STANDARD PLANS (2018)</b>	
A20A-F	PAVEMENT MARKERS AND TRAFFIC LINES, TYPICAL DETAILS
A24AG	PAVEMENT MARKINGS, ARROWS, SYMBOLS, NUMERAL WORDS, LIMIT AND YIELD LINES
A88A&B	CURB RAMP DETAILS
ES-5D	ELECTRICAL SYSTEMS (CURB AND SHOULDER TERMINATION, TRENCH, AND HANDHOLE DETAILS)
ES-7A	ELECTRICAL SYSTEMS (SIGNAL AND LIGHTING STANDARD, TYPICAL, AND PUSH BUTTON ASSEMBLY POST)
<b>CALIFORNIA MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (LATEST EDITION)(2014 Rev. 6)</b>	
FIGURE 3B-102(CA)	EXAMPLES OF FIRE HYDRANT LOCATION PAVEMENT MARKERS
FIGURE 3B-103(CA)	EXAMPLES OF INTERSECTION MARKINGS
FIGURE 9C-108(CA)	EXAMPLES OF PLACEMENT OF SHARED LANE MARKINGS



**ACCEPTANCE OF PLANS:**  
THE CITY OF SANTA CLARA HEREBY ACCEPTS THESE PLANS FOR CONSTRUCTION, AS BEING IN GENERAL COMPLIANCE WITH PLANS PREPARATION REQUIREMENTS OF THIS GOVERNMENT RESPONSIBILITY FOR THE COMPLETENESS AND ACCURACY OF THE PLANS AND RELATED DESIGN RESIDES WITH THE ENGINEER AND ENGINEERING FIRM OF RECORD.

**APPROVED FOR BIDDING:**  
\_\_\_\_\_  
DATE: \_\_\_\_\_  
CRAIG MORECK  
DIRECTOR OF PUBLIC WORKS

**REVIEWED BY:**  
\_\_\_\_\_  
DATE: \_\_\_\_\_  
WATER AND SEWER UTILITIES DEPARTMENT  
\_\_\_\_\_  
DATE: \_\_\_\_\_  
STREET MAINTENANCE DIVISION  
\_\_\_\_\_  
DATE: \_\_\_\_\_  
SILICON VALLEY POWER  
\_\_\_\_\_  
DATE: \_\_\_\_\_  
TRAFFIC ENGINEERING DIVISION  
\_\_\_\_\_  
DATE: \_\_\_\_\_  
DESIGN DIVISION

**CERTIFICATION OF PEER REVIEW:**  
THE UNDERSIGNED HEREBY CERTIFIES THAT A PROFESSIONAL PEER REVIEW OF THESE PLANS AND THE REQUIRED DESIGNS WAS CONDUCTED BY ME, A PROFESSIONAL ENGINEER WITH EXPERTISE AND EXPERIENCE IN THE APPROPRIATE FIELD OF ENGINEERING EQUAL TO OR GREATER THAN THE ENGINEER OF RECORD, AND THAT APPROPRIATE CORRECTIONS HAVE BEEN MADE.  
\_\_\_\_\_  
DATE: \_\_\_\_\_



PROJECT NO. CE	XX-XX-XX		
ACCOUNT No.	-		
DATE	NO.	REVISION	BY

**CITY OF SANTA CLARA**  
ENGINEERING DEPARTMENT  
**2022 ANNUAL STREET MAINTENANCE AND REHABILITATION PROJECT**

**TITLE SHEET**

APPROVED BY	TITLE	R.C.E. No.
DATE	DATE	Survey No.
DESIGNED BY DS/-	DATE	TRACING No.
DRAWN BY EB/AA	DATE	XXX,XXX-X
CHECKED BY MF	DATE	
AS BUILT BY	DATE	SHEET 1 OF 89



**CITY GENERAL NOTES:**

- ALL MATERIALS AND WORKMANSHIP SHALL CONFORM TO THE CITY'S STANDARD DETAILS, STANDARD SPECIFICATIONS, AND GENERAL REQUIREMENTS.
- IT IS THE CONTRACTOR'S RESPONSIBILITY TO VERIFY THE LOCATION OF ALL EXISTING UTILITIES WITH THE APPROPRIATE UTILITY AGENCIES PRIOR TO THE COMMENCEMENT OF CONSTRUCTION. CONTRACTOR SHALL NOTIFY ALL PUBLIC AND PRIVATE UTILITY OWNERS 48 HOURS PRIOR TO COMMENCEMENT OF WORK ADJACENT TO THE UTILITY. CONTACT UNDERGROUND SERVICE ALERT (USA) AT 811 OR 800-227-2600.
- THE CONTRACTOR SHALL NOTIFY, BY CIRCULAR, ALL BUSINESS ESTABLISHMENTS AND RESIDENCES LOCATED IN AREAS AFFECTED BY THE WORK AT LEAST FORTY-EIGHT (48) HOURS PRIOR TO START OF CONSTRUCTION. CIRCULAR SHALL BE SUBJECT TO THE APPROVAL OF THE CITY ENGINEER.
- UNLESS OTHERWISE DIRECTED BY THE CITY ENGINEER IN THE FIELD: AT EACH LOCATION WHERE NEW CURB/GUTTER IS TO BE INSTALLED ON AN EXISTING STREET (DRIVEWAY INSTALLATION, DRIVEWAY ABANDONMENT, CURB RAMP INSTALLATION, CURB FACE DRAINAGE INSTALLATION, ETC.) PAVEMENT RECONSTRUCTION SHALL BE REQUIRED. AN 18-INCH WIDE BAND OF PAVEMENT SHALL BE REMOVED AND REPLACED ALONG THE ENTIRE LENGTH OF CURB/GUTTER INSTALLATION. REMOVAL DEPTH (SAW CUTS REQUIRED) SHALL BE TO THE BASE MATERIAL ON STREETS WITH A.C. OR P.C.C. PAVEMENT FOUR (4) INCHES OR LESS IN THICKNESS; REMOVAL DEPTH SHALL BE TWO (2) INCHES MINIMUM ON STREETS WITH A.C. (GRID) AND FOUR (4) INCHES MINIMUM ON STREETS WITH P.C.C. (SAW CUT) PAVEMENT THICKNESS GREATER THAN FOUR (4) INCHES. REPLACE WITH OR P.C.C. (DOWELS REQUIRED) TO MATCH EXISTING PAVEMENT.
- ALL SIDEWALK, CURB, AND GUTTER DAMAGED AS A RESULT OF THE PROJECT SHALL BE REMOVED AND REPLACED TO THE NEAREST SCORE MARK OR AS DIRECTED BY THE CITY ENGINEER. INSTALLATION OF NEW SIDEWALK, CURB AND GUTTER AGAINST EXISTING IMPROVEMENTS SHALL REQUIRE A SIDEWALK CONTACT JOINT (DOWELS REQUIRED).
- PARTIAL REPLACEMENT OF A DRIVEWAY IS NOT ALLOWED. A DRIVEWAY THAT HAS BEEN CUT OR DAMAGED MUST BE REPLACED IN ITS ENTIRETY. THE NEW REPLACEMENT DRIVEWAY MUST MEET CURRENT CITY STANDARDS WHICH MAY AFFECT ON-SITE IMPROVEMENTS AND/OR REQUIRE A SIDEWALK EASEMENT.
- SLURRY SEAL SHALL BE REQUIRED ON ALL NEW STREET PAVEMENT (E.G., TRENCH WORK, POTHOLES, AND STREET WIDENINGS). SLURRY SEAL SHALL EXTEND TWELVE INCHES BEYOND THE LIMIT OF PAVEMENT RECONSTRUCTION.
- GRADE BREAKS ON CURBS AND SIDEWALKS ARE TO BE ROUNDED OFF ON FORM WORK AND FINISHED SURFACING.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PRESERVATION AND/OR PERPETUATION OF EXISTING SURVEY MONUMENTS (CORNERS, STAKE MONUMENTS, ETC.) NOTED ON THE PLANS OR FOUND DURING CONSTRUCTION PER SECTION 8771 OF THE CALIFORNIA BUSINESS AND PROFESSIONS CODE. IF A SURVEY MONUMENT HAS THE POTENTIAL OF BEING DISTURBED OR WITHIN 3 FEET OF THE WORK, THE MONUMENT SHALL BE LOCATED, REFERENCED, AND A CORNER RECORD SHALL BE FILED WITH THE SANTA CLARA COUNTY SURVEYOR. AND A DUPLICATE OF THE CORNER RECORD SHALL BE SUBMITTED TO THE CITY ENGINEER PRIOR TO THE START OF CONSTRUCTION. SHOULD ANY SURVEY MONUMENT BE DAMAGED OR DESTROYED DURING CONSTRUCTION, THE CONTRACTOR SHALL RE-ESTABLISH SAID MONUMENT PER CITY STANDARD, FILE A CORNER RECORD WITH THE SANTA CLARA COUNTY SURVEYOR, AND SUBMIT A DUPLICATE OF THE CORNER RECORD TO THE CITY ENGINEER PRIOR TO FINAL PROJECT NOTICE OF COMPLETION ISSUED BY THE DEPARTMENT OF PUBLIC WORKS. THE CONTRACTOR SHALL, AT HIS/HER EXPENSE, HIRE A LICENSED PROFESSIONAL CIVIL ENGINEER AUTHORIZED TO PRACTICE LAND SURVEYING OR LAND SURVEYOR TO PERFORM THE WORK.
- ALL SURPLUS AND UNSUITABLE MATERIAL SHALL BE REMOVED FROM PUBLIC RIGHT-OF-WAY.
- CONTRACTOR SHALL PROVIDE ADEQUATE DUST CONTROL AND KEEP MUD AND DEBRIS OFF THE PUBLIC RIGHT-OF-WAY AT ALL TIMES.
- ALL TRENCHES AND EXCAVATIONS SHALL BE CONSTRUCTED IN STRICT COMPLIANCE WITH THE APPLICABLE SECTIONS OF CALIFORNIA AND FEDERAL O.S.H.A. REQUIREMENTS AND OTHER APPLICABLE SAFETY ORDINANCES. CONTRACTOR SHALL BEAR FULL RESPONSIBILITY FOR TRENCH SHORING DESIGN AND INSTALLATION.
- EXISTING UTILITIES SHOWN ARE BASED UPON RECORD INFORMATION AND ARE APPROXIMATE IN LOCATION AND DEPTH. THE CONTRACTOR SHALL POTHOLE ALL EXISTING UTILITIES THAT MAY BE AFFECTED BY NEW FACILITIES IN THIS CONTRACT. VERIFY ACTUAL LOCATION AND DEPTH, AND REPORT POTENTIAL CONFLICTS TO THE ENGINEER PRIOR TO EXCAVATING FOR NEW FACILITIES.
- CONTRACTOR SHALL PERFORM HIS CONSTRUCTION AND OPERATION IN A MANNER WHICH WILL NOT ALLOW HARMFUL POLLUTANTS TO ENTER THE STORM DRAIN SYSTEM. TO ENSURE COMPLIANCE, THE CONTRACTOR SHALL IMPLEMENT THE APPROPRIATE BEST MANAGEMENT PRACTICE (BMP) AS OUTLINED IN THE BROCHURES ENTITLED "BEST MANAGEMENT PRACTICE FOR THE CONSTRUCTION INDUSTRY" ISSUED BY THE SANTA CLARA VALLEY NONPOINT SOURCE CONTROL PROGRAM, TO SUIT THE CONSTRUCTION SITE AND JOB CONDITION.
- OVERNIGHT PARKING OF CONSTRUCTION EQUIPMENT IN THE PUBLIC RIGHT-OF-WAY SHALL NOT BE PERMITTED, EXCEPT AT LOCATION(S) APPROVED BY THE CITY TRAFFIC ENGINEER.
- ALL SANITARY SEWER AND/OR STORM DRAIN MAINS TO BE ABANDONED SHALL BE FILLED WITH SAND OR CONTROL DENSITY FILL (CDF) AND PLOUGED AT EACH END WITH A 6" THICK WALL OF CLASS "A" P.C.C.
- ABANDONMENT OF SANITARY SEWER LATERAL AT THE PROPERTY LINE SHALL INCLUDE THE COMPLETE REMOVAL OF THE CHRISTY BOX, ALL VERTICAL PIPES AND THE 45' WYE. THE REMAINING LATERAL ENDS SHALL BE PLOUGED WITH 6" THICK WALL OF CLASS "A" P.C.C., ENSURING NO CONCRETE ENTERS THE MAIN. ABANDONMENT OF SANITARY SEWER LATERAL AT THE MAIN WILL OCCUR WHEN LATERAL CONNECTIONS AT A MANHOLE OR AS DETERMINED BY THE CITY. PLOUG THE LATERAL END WITH 6" THICK WALL OF CLASS "A" P.C.C., AND FILL LATERAL WITH SAND OR CONTROL DENSITY FILL (CDF), MAKING A SMOOTH TROWEL FINISH ON THE INSIDE WALL OF THE MANHOLE FOR MANHOLE CONNECTIONS.
- UNLESS OTHERWISE NOTED, CLASS 2 A.B. UNDER CURB, GUTTER, AND STREET SECTIONS PAVED WITH ASPHALT CONCRETE SHALL BE COMPACTED TO 95% RELATIVE COMPACTION

**PAVEMENT IMPROVEMENT NOTES:**

- BASE FAILURE REPAIR LOCATIONS WERE MARKED IN THE FIELD AND ARE SHOWN HEREON IN THEIR APPROXIMATE LOCATION. EACH REPAIR LOCATION SHALL BE REVIEWED AND AGREED UPON WITH THE ENGINEER PRIOR TO THE START OF CONSTRUCTION.
- ALL EXISTING SURFACE UTILITY FACILITIES SUCH AS BUT NOT NECESSARILY LIMITED TO: WATER VALVES, GAS VALVES, ELECTRICAL VALVES, MANHOLES, MONUMENTS ETC. SHALL BE PROTECTED IN PLACE AND ADJUSTED TO GRADE AS NECESSARY. ALL UTILITIES SHOWN ARE SCHEMATIC ONLY AND ARE NOT COMPLETE. CONTRACTOR SHALL FIELD VERIFY AND INVENTORY ALL UTILITY AND OTHER FEATURES PRIOR TO BEGINNING CONSTRUCTION.
- EXISTING PAVEMENT STRIPES AND MARKINGS SHALL BE REMOVED PRIOR TO SURFACE TREATMENT. REMOVAL OF STRIPES THAT CONTAINS LEAD MATERIAL IS REQUIRED PRIOR TO COLD PLANING.
- LIMITS OF PAVEMENT ARE SCHEMATIC. CONTRACTOR SHALL FIELD VERIFY EXISTING EDGE OF PAVEMENT BEFORE START OF CONSTRUCTION.
- MATCH EXISTING CROSS SLOPE AND PROFILE OF THE ROAD, UNLESS OTHERWISE NOTED.
- FOR MILL AND FILL STREETS, ALL DIGOUTS SHALL BE PERFORMED AFTER COLD PLANING. LIMIT OF DIGOUTS SHOULD BE ADJUSTED TO SUIT FIELD CONDITION.
- FOR SLURRY SEAL STREETS, DIGOUTS SHALL BE PERFORMED PRIOR TO THE TREATMENT. CRACK SEAL IS REQUIRED FOR SLURRY SEAL STREETS ONLY. ALL SURFACE UTILITY FACILITIES SHALL BE COVERED PRIOR TO RECEIVE TREATMENT.
- EACH HMA LIFT SHALL NOT BE PLACED LESS THAN 1.5 INCHES OR MORE THAN 2.5 INCHES IN COMPACTED THICKNESS. PLACE LIFTS IN EQUAL THICKNESS UNLESS OTHERWISE NOTED.
- CONTRACTOR SHALL BE AWARE OF ALL OVERHEAD LINES. ALL CONSTRUCTION EQUIPMENT SHALL MEET THE MAXIMUM HEIGHT REQUIREMENT.

**ARBORIST NOTES**

**I. GENERAL**

- NO CUTTING OF ANY PART OF CITY TREES, INCLUDING ROOTS, SHALL BE DONE WITHOUT SECURING APPROVAL AND DIRECT SUPERVISION FROM THE CITY ARBORIST OR ARBORIST EMPLOYED BY CITY (408) 615-3080.
- NO CUTTING OF ANY PART OF PRIVATE TREES, INCLUDING ROOTS, SHALL BE DONE WITHOUT DIRECT SUPERVISION OF AN INTERNATIONAL SOCIETY OF ARBORICULTURE (ISA) CERTIFIED ARBORIST.
- WHEN CONSTRUCTION OCCURS WITHIN THE DRIP LINE OF EXISTING TREES, CONTRACTOR SHALL PILE THE SOIL ON THE SIDE AWAY FROM THE TREE. WHEN THIS IS NOT POSSIBLE, PLACE SOIL ON PLYWOOD, TARP, OR 4" - 6" THICK BED OF MULCH. THIS IS TO PREVENT CUTTING INTO THE SOIL SURFACE WHEN THE BACKHOE OR TRACTOR BLADE REFILLS THE TRENCH.
- REFILL OPEN TRENCHES QUICKLY WITHIN HOURS OF EXCAVATION WHEN THEY OCCUR WITHIN THE DRIP LINE OF EXISTING TREES. IF THIS IS NOT POSSIBLE AND THE WEATHER IS HOT, DRY, OR WINDY, CONTRACTOR MUST KEEP ROOT ENDS MOSTLY BY COVERING THEM WITH WET BURLAP. IF THE TEMPERATURE IS HOT OR GREATER, THE BURLAP MUST BE INSPECTED EVERY HOUR, AND RE-WET AS NECESSARY TO MAINTAIN A CONSTANT COOL MOIST CONDITION. SMALL ROOTS CAN DRY OUT AND DIE IN 10-15 MINUTES. LARGER ROOTS CAN SUCCUMB IN AN HOUR OR LESS UNDER UNFAVORABLE WEATHER CONDITIONS.
- WHEN ROOTS 2" OR LARGER ARE REQUIRED TO BE CUT, SHOVEL BY HAND NEAR THE ROOTS AND PRUNE THE ROOTS WITH AN INDUSTRY-APPROVED PRUNING TOOL. ROOTS THAT ARE ACCIDENTALLY BROKEN SHOULD BE PRUNED TWO INCHES FROM THE DAMAGED END. CRUSHED OR TORN ROOTS ARE MORE LIKELY TO ALLOW DECAY TO BEGIN. SHARPLY CUT ROOTS PRODUCE A FLUSH OF NEW ROOTS HELPING THE TREE TO RECOVER FROM ITS INJURY.
- CONTRACTOR SHALL NOTIFY THE CITY ARBORIST OR ARBORIST EMPLOYED BY CITY 72 HOURS IN ADVANCE OF ANY WORK REQUIRING DIGGING AROUND OR WITHIN THE DRIP LINE OF EXISTING TREES.
- A CLEAR SYSTEM OF FLAGGING MUST BE PROVIDED AROUND TREES WITHIN 20' OF THE PROPOSED GRADING. CONTRACTOR SHALL SECURE APPROVAL OF SUCH SYSTEM FROM THE CITY ARBORIST OR ARBORIST EMPLOYED BY CITY.
- MATERIALS, EQUIPMENT, TEMPORARY BUILDINGS, FUELS, PAINTS, AND OTHER CONSTRUCTION ITEMS SHALL NOT BE PLACED WITHIN THE DRIP LINE OF EXISTING TREES.
- FENCE ALL TREES TO BE RETAINED TO COMPLETELY ENCLOSE THE TREE PROTECTION ZONE PRIOR TO DEMOLITION, GRUBBER OR GRADING. FENCING SHALL BE PLACED AT THE DRIP LINE OF EXISTING TREES. IF POSSIBLE, 1.5 TIMES THE RADIUS OF THE DRIP LINE OUT FROM THE TRUNK OF THE TREE. A WARNING SIGN SHALL BE PROMINENTLY DISPLAYED ON EACH FENCE. THE SIGN SHALL BE A MINIMUM OF 8.5"x11" AND CLEARLY STATE "WARNING - TREE PROTECTION ZONE. THIS FENCE SHALL NOT BE REMOVED WITHOUT APPROVAL FROM THE CITY ARBORIST/PROJECT ARBORIST." FENCES SHALL BE 6-FOOT TALL CHAINLINK OR EQUIVALENT, AS APPROVED BY THE CITY ARBORIST OR ARBORIST EMPLOYED BY CITY. FENCES SHALL REMAIN UNTIL ALL GRADING AND CONSTRUCTION WORK IS COMPLETED. IN ADDITION, WRAP ALL TREES WITH STRAW WADDLE UP TO THE FIRST MAIN BRANCH, THEN WRAP SNOW FENCING AROUND THE WADDLE ON ALL TREES IN THE CONSTRUCTION ZONE TO PROTECT THEM FROM BARK DAMAGE CAUSED BY THE WORK.
- NO TRENCHING SHALL BE DONE WITHIN THE DRIP LINE OF EXISTING TREES WITHOUT THE APPROVAL OF THE CITY ARBORIST OR ARBORIST EMPLOYED BY CITY. OPEN TRENCHING IN THE ROOT ZONE OF A PUBLIC TREE IS PROHIBITED EXCEPT IN CASES WHERE THE TRENCHING FALLS OUTSIDE THE DRIP LINE OF THE TREE INVOLVED. EXCEPTIONS MAYBE ALLOWED IF, IN THE OPINION OF THE CITY ARBORIST OR ARBORIST EMPLOYED BY CITY, THE IMPACT OF TRENCHING ON THE TREE WILL BE NEGLIGIBLE.
- ANY CUTTING OF EXISTING ROOTS OF CITY TREES SHALL BE DONE WITH APPROVED LIGHT EQUIPMENT UNDER THE DIRECT SUPERVISION OF THE CITY ARBORIST OR ARBORIST EMPLOYED BY CITY. ANY CUTTING OF EXISTING ROOTS OF PRIVATE TREES SHALL BE DONE WITH APPROVED EQUIPMENT UNDER THE DIRECT SUPERVISION OF AN ISA-CERTIFIED ARBORIST.
- GRADING SHOULD NOT CREATE DRAINAGE PROBLEMS FOR TREES BY CHANNELING WATER INTO THEM, OR CREATING SUNKEN AREAS.
- ALL GRADING WITHIN THE DRIP LINE OF CITY TREES SHALL BE DONE WITH APPROVED LIGHT EQUIPMENT UNDER THE DIRECT SUPERVISION OF THE CITY ARBORIST OR ARBORIST EMPLOYED BY CITY. ALL GRADING WITHIN THE DRIP LINE OF PRIVATE TREES SHALL BE DONE WITH APPROVED EQUIPMENT UNDER THE DIRECT SUPERVISION OF AN ISA-CERTIFIED ARBORIST. THE ORIGINAL GRADE AT THE BASE OF EXISTING TREES SHALL NOT BE MODIFIED. IF A GRADE INCREASE IS NECESSARY, DRY WELLS SHOULD BE USED.
- WHEN TRENCHING IS ALLOWED WITHIN THE DRIP LINE OF EXISTING TREES, THE CONTRACTOR MUST FIRST CUT ROOTS WITH A VERMOR ROOT CUTTER PRIOR TO ANY TRENCHING TO AVOID TUGGING OR PULLING OF ROOTS.
- TREES THAT ARE DETERMINED TO BE REMOVED BY THE CITY ARBORIST OR ARBORIST EMPLOYED BY CITY DUE TO AN UNFORESEEN CIRCUMSTANCE DURING CONSTRUCTION SHALL BE REPLACED BY THE CONTRACTOR. THE CITY ARBORIST OR ARBORIST EMPLOYED BY CITY SHALL DETERMINE THE REPLACEMENT SPECIES, SIZE, QUANTITY, AND SPACING.
- PLACE 4"-5" THICK MULCH AROUND ALL EXISTING TREES (OUT TO THEIR DRIP LINE) THAT ARE TO BE RETAINED PRIOR TO ANY CONSTRUCTION. THIS WILL HELP MAINTAIN MOISTURE UNDER THE TREE WITHIN THE FENCING AREA.
- BORE PITS ARE NOT ALLOWED WITHIN THE DRIP LINE OF ANY TREE.

**II. BORING (NOT USED)**

**III. TREE PROTECTION**

- CONTRACTOR SHALL TAG AND IDENTIFY EXISTING TREES WHICH ARE TO REMAIN WITHIN THE PROJECT LIMITS AND ON THE PUBLIC RIGHT-OF-WAY PRIOR TO START OF WORK. PROTECT ALL TAGGED TREES AT ALL TIMES FROM DAMAGE BY THE WORK. TREATMENT OF ALL MINOR DAMAGE TO TAGGED TREES SHALL BE PERFORMED BY ISA-CERTIFIED ARBORIST OR OTHER PERSONNEL APPROVED BY THE CITY ARBORIST OR ARBORIST EMPLOYED BY CITY. IF A TAGGED TREE IS PERMANENTLY DISFIGURED OR KILLED AS A RESULT OF THE WORK, CONTRACTOR SHALL REMOVE THE TREE, INCLUDING ITS ROOTS, FROM THE SITE AND REPLACE EACH REMOVED TREE WITH AN EQUAL-SIZED TREE. IF SUCH REPLACEMENT IS NOT POSSIBLE, THE CONTRACTOR SHALL REIMBURSE TO THE TREE OWNER THE AMOUNT LISTED IN THE TABLE BELOW. THE CITY ARBORIST OR ARBORIST EMPLOYED BY CITY SHALL BE THE SOLE JUDGE OF THE CONDITION OF ANY TREE. CONTRACTOR SHALL PROVIDE REGULAR WATERING OF EXISTING LANDSCAPING WITHIN THE CONSTRUCTION AREA THROUGH THE CONSTRUCTION PERIOD.
- CONTRACTOR SHALL PAY THE TREE OWNER THE VALUE OF EXISTING TREES TO REMAIN THAT DIED OR WERE DAMAGED BECAUSE OF THE CONTRACTOR'S FAILURE TO PROVIDE ADEQUATE PROTECTION AND MAINTENANCE. THE PAYMENT AMOUNT SHALL BE IN ACCORDANCE WITH THE FOLLOWING SCHEDULE OF VALUES, USING "TREE CALIPER" METHOD ESTABLISHED IN THE MOST RECENT ISSUE OF THE "GUIDE FOR ESTABLISHING VALUES OF TREES AND OTHER PLANTS," PREPARED BY THE COUNCIL OF TREE AND LANDSCAPE ARCHITECTS.

7 INCHES	2,400
8 INCHES	3,400
9 INCHES	4,400
10 INCHES	5,400
11 INCHES	6,200
12 INCHES	7,200
13 INCHES	8,200

14 INCHES	9,200
15 INCHES	10,000
16 INCHES	11,000
17 INCHES	12,000

18 INCHES AND OVER:  
ADD FOR EACH CALIPER INCH \$ 1,200

**COUNTY OF SANTA CLARA GENERAL NOTES:**

**SIGNAL AND ELECTRICAL OPERATIONS:**

- EXISTING COUNTY COMMUNICATION AND ELECTRICAL FACILITIES ARE LOCATED IN THE PROJECT AREA. COMMUNICATION FIBER OPTIC CABLE DAMAGED BY THE CONTRACTOR'S OPERATIONS SHALL BE TEMPORARILY RESTORED AND THEN REPLACED IN ACCORDANCE WITH CSS 86.01.06. DAMAGED FIBER OPTIC CABLE SHALL BE REPLACED FOR THE ENTIRE LENGTH BETWEEN EXISTING END-TO-END SPLICES.
- ANY DAMAGE TO EXISTING ELECTRICAL OR COMMUNICATION SYSTEM SUCH AS LOOP DETECTORS AND FIBER OPTICS SHALL BE TEMPORARILY RESTORED TO FULL OPERATION OR VIA MICROWAVE/VIDEO DETECTION IMMEDIATELY AND REPLACED PRIOR TO PROJECT CLOSURE.
- ALL DESIGN WITHIN COUNTY'S RIGHT-OF-WAY SHALL COMPLY WITH COUNTY STANDARDS.
- INFORMATION SHOWN ON AS-BUILT PLANS IS SUBJECT TO CHANGE. FIELD-VERIFY AND UPDATE CONDUCTOR SCHEDULE ACCORDINGLY. CONTRACTOR WILL BE RESPONSIBLE FOR ANY DAMAGE PERTAINING TO LOOPS/FIBER. CONTRACTOR NEEDS TO REPLACE DETECTION LOOPS WITHIN 24HRS. IF DAMAGED.

**ROAD OPERATIONS:**

- THERE IS A 5-YR WARRANTY WHEN THE PROJECT IS COMPLETED (REFERENCE TO COUNTY ORDINANCE NS-7039, SECTION B17-36.4). COUNTY'S ROADS OPERATIONS ENGINEERING WILL BE THE ONE TO DETERMINE WHAT CONSTITUTE FAILURE BASED ON ACCEPTABLE INDUSTRY STANDARDS INCLUDING CRACKS AND SEPARATION IN THE MICRO SURFACING, SETTLEMENT WHERE THE TRENCH REPAIRS TOOK PLACE, DAMAGED PAVEMENT EDGES ALONG THE TRENCHES ARE CONSIDERED FAILURES.
- CONTRACTOR SHALL BE RESPONSIBLE FOR RESTORING PAVEMENT TO LIKE OR BETTER CONDITION. ANY STRIPING IN COUNTY ROW SHALL BE THERMOPLASTIC AND REPLACED PER EXISTING STRIPING. ALL VERTICAL ASPHALT CUTS MUST BE TACK COATED PRIOR TO ASPHALT PLACEMENT.

**THERMOPLASTIC TRAFFIC STRIPES SPECIFICATIONS:**

- THERMOPLASTIC TRAFFIC STRIPES SHALL CONFORM TO THE PROVISIONS IN SECTION 84, "TRAFFIC STRIPES AND PAVEMENT MARKINGS," OF THE COUNTY STANDARD SPECIFICATIONS, THE DETAILS SHOWN ON THE PLANS, AND THESE SPECIAL PROVISIONS.
- POST MICROSURFACE OVERLAY ALL FLEXIBLE TEMPORARY MARKERS, FLOPPIES, SHALL BE CUT FLUSH WITH PAVEMENT.
- NEW THERMOPLASTIC TRAFFIC STRIPES (ALL TYPES, WIDTHS) INCLUDING SHOULDER STRIPES SHALL REPLACE THE EXISTING STRIPES, IN THEIR EXISTING LOCATIONS, OR AS SHOWN ON THE PROJECT PLANS OR AS DIRECTED BY THE ENGINEER.
- THE ENGINEER SHALL CHECK AND APPROVE THE CAT TRACKS BEFORE STRIPING.
- THERMOPLASTIC MATERIALS SHALL BE TESTED PRIOR TO USE OR THE MANUFACTURER SHALL PROVIDE THE ENGINEER WITH A CERTIFICATE OF COMPLIANCE IN ACCORDANCE WITH THE PROVISIONS OF SECTION 6.11, "CERTIFICATES OF COMPLIANCE," OF THE STANDARD SPECIFICATIONS.
- THE ROADWAY SHALL NOT BE STRIPED BEFORE 5 CALENDAR DAYS OF PAVEMENT CURING, BUT SHALL BE STRIPED WITHIN 10 CALENDAR DAYS AFTER THE COMPLETION OF PAVING. LIQUIDATED DAMAGES, AT THE SPECIFIED RATE, SHALL APPLY TO EACH DAY OF DELAY BEYOND THIS DATE UNLESS APPROVED OTHERWISE BY THE ENGINEER.
- FULL COMPENSATION FOR ALL NEW THERMOPLASTIC TRAFFIC STRIPES (ALL TYPES, WIDTHS) INCLUDING SHOULDER STRIPES AND LAYOUT, AND REMOVAL OF TEMPORARY REFLECTIVE MARKERS SHALL BE CONSIDERED AS INCLUDED IN THE UNIT PRICE PAID PER FOOT FOR THERMOPLASTIC TRAFFIC STRIPES AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED THEREFOR.

**THERMOPLASTIC PAVEMENT MARKINGS SPECIFICATIONS:**

- THERMOPLASTIC PAVEMENT MARKINGS SHALL CONFORM TO SECTION 84, "TRAFFIC STRIPES AND PAVEMENT MARKINGS," OF THE COUNTY STANDARD SPECIFICATIONS AND THESE SPECIAL PROVISIONS.
- THE PIGMENT, GLOSS BEADS, AND FILLER ADDITIVE SHALL BE WELL DISPERSED IN THE BINDER BEFORE APPLICATION TO THE PAVEMENT. HEATED THERMOPLASTIC MATERIAL SHALL NOT EMIT FUMES THAT ARE TOXIC OR INJURIOUS TO PERSONS OR PROPERTY, AND SHALL COMPLY WITH ALL APPLICABLE AIR POLLUTION CONTROL RULES AND REGULATIONS.
- THE COMPLETED PAVEMENT MARKINGS SHALL HAVE CLEAN AND WELL-DEFINED EDGES WITHOUT RUNNING OR DEFORMATION, AND SHALL CONFORM TO THE DIMENSIONS SHOWN IN THESE SPECIAL PROVISIONS.
- THERMOPLASTIC MATERIALS SHALL BE TESTED PRIOR TO USE OR THE MANUFACTURER SHALL PROVIDE THE ENGINEER WITH A CERTIFICATE OF COMPLIANCE IN ACCORDANCE WITH THE PROVISIONS OF SECTION 6.11, "CERTIFICATES OF COMPLIANCE," OF THE STANDARD SPECIFICATIONS.
- WORK SHALL CONSIDER OF REPLACING EXISTING PAVEMENT MARKINGS, CROSSWALKS AND STOP BARS, WHERE PAVEMENT IS RESURFACED, MEDIAN ISLANDS, RAISED ISLAND LEADING EDGES, OR AT OTHER LOCATIONS AS DIRECTED BY THE ENGINEER.
- TIME REQUIREMENTS AS SET OUT IN "THERMOPLASTIC TRAFFIC STRIPES," SHALL ALSO APPLY TO THERMOPLASTIC PAVEMENT MARKINGS.

**THERMOPLASTIC PAVEMENT MARKINGS SPECIFICATIONS:**

- STOP BARS AND CROSSWALKS SHALL BE MEASURED BY THE SQUARE FOOT FOR THE AREA COVERED BY EACH MARKING UNIT. STOP BARS AND CROSSWALKS SHALL BE 12 INCHES WIDE AS PER STATE STD. PLAN A24E.
- THE CONTRACT PRICES PAID PER SQUARE FOOT FOR THERMOPLASTIC PAVEMENT MARKINGS SHALL INCLUDE FULL COMPENSATION FOR FURNISHING ALL LABOR, MATERIALS, TOOLS, EQUIPMENT AND INCIDENTALS, INCLUDING ANY NECESSARY CAT TRACKS, DRIBBLE LINES, AND LAYOUT WORK, REMOVAL OR CUTTING OF TEMPORARY REFLECTIVE MARKERS COMPLETE IN PLACE AS SHOWN ON THE PLANS, AS SPECIFIED IN THESE SPECIAL PROVISIONS, AND AS DIRECTED BY THE ENGINEER, AND NO ADDITIONAL ALLOWANCE WILL BE MADE.

**PAVEMENT MARKERS SPECIFICATIONS:**

- PAVEMENT MARKERS SHALL CONFORM TO THE PROVISIONS OF SECTION 85, "PAVEMENT MARKERS," OF THE COUNTY STANDARD SPECIFICATIONS, THE DETAILS SHOWN ON THE PLANS, AND THESE SPECIAL PROVISIONS.
- TIME REQUIREMENTS AS SET OUT IN "THERMOPLASTIC TRAFFIC STRIPES," SHALL ALSO APPLY TO PAVEMENT MARKERS.
- TYPE K MARKERS SHALL BE INSTALLED ON ISLAND NOSES PER THE STATE STANDARD PLANS.
- TYPE D MARKERS SHALL BE INSTALLED FOR FIRE HYDRANTS PER THE STATE STANDARD PLANS.
- THE CONTRACT PRICES PAID PER EACH PAVEMENT MARKERS SHALL INCLUDE FULL COMPENSATION FOR FURNISHING ALL LABOR, MATERIALS, TOOLS, EQUIPMENT AND INCIDENTALS, INCLUDING ANY NECESSARY CAT TRACKS, DRIBBLE LINES, AND LAYOUT WORK AND REMOVAL OF TEMPORARY REFLECTIVE MARKERS, COMPLETE IN PLACE AS SHOWN ON THE PLANS, AS SPECIFIED IN THESE SPECIAL PROVISIONS, AND AS DIRECTED BY THE ENGINEER, AND NO ADDITIONAL ALLOWANCE WILL BE MADE.



Prepared by: Employee - Owned

Designed/Checked by:

PROJECT NO. CE	XX-XX-XX
ACCOUNT No.	-
DATE	NO. REVISION BY

**CITY OF SANTA CLARA**  
ENGINEERING DEPARTMENT

2022 ANNUAL STREET MAINTENANCE AND REHABILITATION PROJECT

**GENERAL NOTES**

APPROVED BY	TITLE	R.C.E. No.
DATE	DATE	Survey No.
DESIGNED BY DS/-	DATE	TRACING No.
DRAWN BY EB/AA	DATE	
CHECKED BY MF	DATE	
AS BUILT BY	DATE	

XX,XXX-X

SHEET 3 OF 89

MON NO.	MONUMENT DESCRIPTION	LOCATION	WORK DESCRIPTION	SHEET NO.
A-1	FD. BRASS PIN MONUMENT IN ROUND BOX	THE ALAMEDA 638' S/E FROM BELLOWY ST	SEE NOTE 2A	5
A-2	FD. BRASS DISK MONUMENT IN ROUND BOX	AT 2491 THE ALAMEDA	SEE NOTE 2F	5
D-1	FD. BRASS PIN MONUMENT IN ROUND BOX	AT 1085 DI GIULIO AVE	SEE NOTE 2A	7
D-2	FD. BRASS PIN MONUMENT IN ROUND BOX	AT 1040 DI GIULIO AVE	SEE NOTE 2A	7
D-3	FD. RR SPIKE MONUMENT IN ROUND BOX	AT 1041 DI GIULIO AVE	SEE NOTE 2A	7
D-4	FD. BRASS PIN MONUMENT IN ROUND BOX	DI GIULIO AVE & AVILA AVE	SEE NOTE 2A	6, 7
D-5	FD. NAIL MONUMENT IN ROUND BOX	THE ALAMEDA 35' S/W FROM LAFAYETTE ST	SEE NOTE 2A	7
DU-1	FD. BRASS PIN MONUMENT 6" DOWN FROM STREET SURFACE	DUNFORD WY & SANTA CLARA CITY LIMIT	SEE NOTE 2D	8
DU-2	FD. BRASS PIN MONUMENT 6" DOWN FROM STREET SURFACE	DUNFORD WY & TEAL DR	SEE NOTE 2D	8
DU-3	FD. BRASS PIN MONUMENT IN ROUND BOX	BETWEEN 3856 & 3846 DUNFORD WY	SEE NOTE 2A	8
DU-4	FD. BRASS PIN MONUMENT IN ROUND BOX	BETWEEN 3846 & 3836 DUNFORD WY	SEE NOTE 2A	8
DU-5	FD. BRASS PIN MONUMENT IN ROUND BOX	AT 3826 DUNFORD WY	SEE NOTE 2A	8
DU-6	FD. BRASS PIN MONUMENT IN ROUND BOX	DUNFORD WY & THUNDERBIRD AVE	SEE NOTE 2A	8
DU-7	FD. BRASS PIN MONUMENT IN ROUND BOX	BETWEEN 3796 & 3786 DUNFORD WY	SEE NOTE 2A	8
DU-8	FD. BRASS PIN MONUMENT IN ROUND BOX	DUNFORD WY & BLUEBIRD AVE	SEE NOTE 2A	8
DU-9	FD. BRASS PIN MONUMENT IN ROUND BOX	DUNFORD WY & BENTON ST	SEE NOTE 2A	8
G-1	FD. BRASS PIN MONUMENT IN ROUND BOX	GREAT AMERICA PKWY & GREAT AMERICA WY	SEE NOTE 2A	9
G-2	FD. BRASS DISK MONUMENT IN ROUND BOX	GREAT AMERICA WY 123' EASTERLY FROM GREAT AMERICA PKWY	SEE NOTE 2F	9
G-3	FD. BRASS DISK MONUMENT IN ROUND BOX	GREAT AMERICA WY 623' N/E FROM GREAT AMERICA PKWY	SEE NOTE 2F	9
G-4	FD. BRASS DISK MONUMENT IN ROUND BOX	GREAT AMERICA WY 768' N/E FROM GREAT AMERICA PKWY	SEE NOTE 2F	9
G-5	FD. BRASS DISK MONUMENT IN ROUND BOX	GREAT AMERICA WY 562' S/W FROM LAFAYETTE ST	SEE NOTE 2F	9
G-6	FD. BRASS PIN MONUMENT 4" DOWN FROM STREET SURFACE	GREAT AMERICA WY & LAFAYETTE ST	SEE NOTE 2D	9
L-1	FD. BRASS PIN MONUMENT IN ROUND BOX	LAFAYETTE ST & CALLE DE LUNA	SEE NOTE 2A	10
L-2	FD. BRASS PIN MONUMENT IN ROUND BOX	LAFAYETTE ST 52' N/E CALLE DE LUNA	SEE NOTE 2A	10
L-3	FD. BRASS PIN MONUMENT IN ROUND BOX	LAFAYETTE ST & CALLE DEL PRIMAVERA	SEE NOTE 2A	10
L-4	FD. BRASS PIN MONUMENT FLUSH W/STREET SURFACE	LAFAYETTE ST 57' N/E CALLE DE PRIMAVERA	SEE NOTE	10
L-5	FD. BRASS PIN MONUMENT FLUSH W/STREET SURFACE	LAFAYETTE ST & HOGAN DR	SEE NOTE	11
L-6	FD. BRASS PIN MONUMENT IN ROUND BOX	LAFAYETTE ST 48' N/E HOGAN DR	SEE NOTE 2A	11
L-7	FD. BRASS PIN MONUMENT IN ROUND BOX	LAFAYETTE ST & EISENHOWER DR	SEE NOTE 2A	11
L-8	FD. BRASS PIN MONUMENT FLUSH W/STREET SURFACE	LAFAYETTE ST 43' N/E EISENHOWER DR	SEE NOTE	11
L-9	FD. BRASS PIN MONUMENT IN ROUND BOX	LAFAYETTE ST & HOPE DR	SEE NOTE 2A	12
L-10	FD. BRASS PIN MONUMENT IN ROUND BOX	LAFAYETTE ST & AGNEW RD	SEE NOTE 2A	12
L-11	FD. BRASS PIN MONUMENT FLUSH W/STREET SURFACE	LAFAYETTE ST 6' SOUTHEASTERLY	SEE NOTE	12
L-12	FD. BRASS DISK MONUMENT IN ROUND BOX	LAFAYETTE ST 237' N/W FROM MONTAGUE EXPWY	SEE NOTE 2F	13
L-13	FD. BRASS DISK MONUMENT IN ROUND BOX	LAFAYETTE ST 205' N/W FROM MONTAGUE EXPWY	SEE NOTE 2F	13
L-14	FD. BRASS DISK MONUMENT IN ROUND BOX	LAFAYETTE ST & MONTAGUE EXPWY	SEE NOTE 2F	13
L-15	FD. BRASS DISK MONUMENT IN ROUND BOX	LAFAYETTE ST 15' N/E MONTAGUE EXPWY	SEE NOTE 2F	13
L-16	FD. STEEL PIN MONUMENT 7" DOWN FROM STREET SURFACE	LAFAYETTE ST & CLYDE AVE	SEE NOTE	14
L-17	FD. BRASS PIN MONUMENT IN ROUND BOX	LAFAYETTE ST & ALDO AVE	SEE NOTE 2A	15
LI-1	FD. BRASS PIN MONUMENT IN ROUND BOX	LINCOLN ST 162' S/E FROM EL CAMINO REAL	SEE NOTE 2A	16
LI-2	FD. BRASS PIN MONUMENT IN ROUND BOX	LINCOLN ST & LEWIS ST	SEE NOTE 2A	16
LI-3	FD. BRASS PIN MONUMENT IN ROUND BOX	LINCOLN ST 6' N/W FROM FREMONT ST	SEE NOTE 2A	16
LI-4	FD. BRASS PIN MONUMENT IN ROUND BOX	LINCOLN ST 5' N/W FROM BENTON ST	SEE NOTE 2A	16
LI-5	FD. DRILL HOLE MONUMENT IN CONC. IN ROUND BOX	LINCOLN ST & FRANKLIN ST	SEE NOTE	17
LI-6	FD. BRASS PIN MONUMENT IN ROUND BOX	LINCOLN ST 5' S/W HOMESTEAD RD	SEE NOTE 2A	17
LI-7	FD. BRASS PIN MONUMENT IN ROUND BOX	LINCOLN ST 5' N/E HOMESTEAD RD	SEE NOTE 2A	17
M-1	FD. BRASS PIN MONUMENT IN ROUND BOX	MEMOREX ST & RICHARD AVE	SEE NOTE 2A	18
M-2	FD. BRASS PIN MONUMENT IN ROUND BOX	MEMOREX ST 430' NORTH FROM RICHARD AVE	SEE NOTE 2A	18
M-3	FD. BRASS PIN MONUMENT IN ROUND BOX	BETWEEN 1517 MEMOREX ST & 1160 RICHARD AVE	SEE NOTE 2A	18
M-4	FD. BRASS PIN MONUMENT IN ROUND BOX	MEMOREX ST NEAR 1160 RICHARD AVE	SEE NOTE 2A	18
M-5	FD. BRASS PIN MONUMENT IN ROUND BOX	NEAR 1259 MEMOREX ST	SEE NOTE 2A	18
M-6	FD. BRASS PIN MONUMENT IN ROUND BOX	NEAR 1257 MEMOREX ST &	SEE NOTE 2A	18
M-7	FD. BRASS PIN MONUMENT IN ROUND BOX	MEMOREX ST & RONALD ST	SEE NOTE 2A	7, 19
M-8	FD. BRASS PIN MONUMENT IN ROUND BOX	MEMOREX ST & SHULMAN AVE	SEE NOTE 2A	19, 27
M-9	FD. BRASS DISK MONUMENT IN ROUND BOX	MEMOREX ST 126' WEST FROM AVILA AVE	SEE NOTE 2F	19
M-10	FD. BRASS PIN MONUMENT IN ROUND BOX	MEMOREX ST & AVILA AVE	SEE NOTE 2A	6, 19
M-11	FD. BRASS DISK MONUMENT IN ROUND BOX	MEMOREX ST & LAFAYETTE ST	SEE NOTE 2F	19

MON NO.	MONUMENT DESCRIPTION	LOCATION	WORK DESCRIPTION	SHEET NO.
MI-1	FD. BRASS PIN MONUMENT IN ROUND BOX	MISSION COLLEGE BLVD & FREEDOM CR	SEE NOTE 2A	20
MI-2	FD. BRASS PIN MONUMENT IN ROUND BOX	MISSION COLLEGE BLVD 266' S/E FROM FREEDOM CR	SEE NOTE 2A	20
MI-3	FD. BRASS PIN MONUMENT FLUSH W/STREET SURFACE	MISSION COLLEGE BLVD 369' S/E FROM FREEDOM CR	SEE NOTE	20
MI-4	FD. BRASS PIN MONUMENT IN ROUND BOX	MISSION COLLEGE BLVD & AGNEW RD	SEE NOTE 2A	20
MI-5	FD. BRASS PIN MONUMENT IN ROUND BOX	MISSION COLLEGE BLVD 9' S/F FROM AGNEW RD	SEE NOTE 2A	20
MI-6	FD. BRASS DISK MONUMENT FLUSH W/STREET SURFACE	MISSION COLLEGE BLVD & SAN THOMAS - AQUINO CREEK	SEE NOTE	21
MI-7	FD. BRASS PIN MONUMENT IN ROUND BOX	MISSION COLLEGE BLVD & JULIETTE ST	SEE NOTE 2A	21
MI-8	FD. BRASS PIN MONUMENT IN ROUND BOX	MISSION COLLEGE BLVD 120' N/W FROM BURTON DR	SEE NOTE 2A	21
MI-9	FD. BRASS PIN MONUMENT IN ROUND BOX	MISSION COLLEGE BLVD & BURTON DR	SEE NOTE 2A	21
MI-10	FD. BRASS PIN MONUMENT IN ROUND BOX	MISSION COLLEGE BLVD & BURTON DR	SEE NOTE 2A	22
N-1	FD. BRASS DISK MONUMENT IN ROUND BOX	NEAR 3500 MISSION COLLEGE BLVD	SEE NOTE 2F	23
N-2	FD. BRASS PIN MONUMENT IN ROUND BOX	NORMAN AVE & THOMAS RD	SEE NOTE 2A	23
N-3	FD. BRASS DISK MONUMENT IN ROUND BOX	NORMAN AVE & LEONARD CT	SEE NOTE 2F	23
N-4	FD. BRASS PIN MONUMENT 6" DOWN FROM STREET SURFACE	NORMAN AVE & BASSETT AVE	SEE NOTE	23
R-1	FD. BRASS PIN MONUMENT IN ROUND BOX	AT 2122 RONALD ST	SEE NOTE 2A	7
S-1	FD. BRASS PIN MONUMENT IN ROUND BOX	SCOTT BLVD 19' N/W FROM OLCOTT ST	SEE NOTE 2A	7
S-2	FD. BRASS PIN MONUMENT IN ROUND BOX	SCOTT BLVD & OLCOTT ST	SEE NOTE 2A	25
S-3	FD. BRASS PIN MONUMENT IN ROUND BOX	SCOTT BLVD 130' S/E FROM OLCOTT ST	SEE NOTE 2A	25
S-4	FD. BRASS PIN MONUMENT IN ROUND BOX	SCOTT BLVD & JAY ST	SEE NOTE 2A	26
S-5	FD. BRASS PIN MONUMENT IN ROUND BOX	SCOTT BLVD 144' S/E FROM JAY ST	SEE NOTE 2A	26
S-6	FD. BRASS PIN MONUMENT IN ROUND BOX	SCOTT BLVD & SPACE PARK DR	SEE NOTE 2A	26
S-7	FD. BRASS DISK MONUMENT IN ROUND BOX	AT 2925 SCOTT BLVD	SEE NOTE 2A	26
SH-1	FD. BRASS PIN MONUMENT IN ROUND BOX	SHULMAN AVE 142' NORTH FROM MEMOREX ST	SEE NOTE 2A	27
SH-2	FD. BRASS PIN MONUMENT IN ROUND BOX	SHULMAN AVE 297' N/E FROM MEMOREX ST	SEE NOTE 2A	27
SH-3	FD. BRASS PIN MONUMENT IN ROUND BOX	SHULMAN AVE 364' N/E FROM MEMOREX ST	SEE NOTE 2A	27
SH-4	FD. BRASS PIN MONUMENT IN ROUND BOX	AT 940 SHULMAN AVE	SEE NOTE 2A	27
SH-5	FD. BRASS PIN MONUMENT IN ROUND BOX	SHULMAN AVE & LAFAYETTE	SEE NOTE 2A	27

**MONUMENT NOTES:**

- THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PRESERVATION AND/OR PERPETUATION OF EXISTING SURVEY MONUMENTS (CURB TAGS, IRON PIPES, STREET MONUMENTS, ETC.) NOTED ON THE PLANS OR FOUND DURING CONSTRUCTION PER SECTION 9771 OF THE CALIFORNIA BUSINESS AND PROFESSIONS CODE. IF A SURVEY MONUMENT HAS POTENTIAL OF BEING DISTURBED OR WITHIN 3 FEET OF THE WORK, THE MONUMENT SHALL BE LOCATED, REFERENCED, AND A CORNER RECORD SHALL BE FILED WITH THE SANTA CLARA COUNTY SURVEYOR, AND A DUPLICATE OF THE CORNER RECORD SHALL BE SUBMITTED TO THE CITY ENGINEER PRIOR TO THE START OF CONSTRUCTION. SHOULD ANY SURVEY MONUMENT BE DAMAGED OR DESTROYED DURING CONSTRUCTION, THE CONTRACTOR SHALL RE-ESTABLISH SAID MONUMENT PER CITY STANDARD, FILE A CORNER RECORD WITH THE SANTA CLARA COUNTY SURVEYOR, AND SUBMIT A DUPLICATE OF THE CORNER RECORD TO THE CITY ENGINEER PRIOR TO FINAL PROJECT NOTICE OF COMPLETION ISSUED BY THE DEPARTMENT OF PUBLIC WORKS. THE CONTRACTOR SHALL, AT HIS/HER EXPENSE, HIRE A LICENSED PROFESSIONAL CIVIL ENGINEER AUTHORIZED TO PRACTICE LAND SURVEYING OR LAND SURVEYOR TO PERFORM THE WORK.
- MONUMENTS WITHIN THE WORK AREA SHALL BE PRESERVED AS SHOWN IN THE TABLE THIS SHEET. REFER TO PLANS FOR LOCATIONS OF MONUMENTS.
  - PROTECT EXISTING MONUMENT IN PLACE AND ADJUST MONUMENT BOX TO GRADE PER CITY STANDARD DETAIL ST-21. CORNER RECORD REQUIRED PRIOR TO CONSTRUCTION. IF MONUMENT IS DISTURBED DURING CONSTRUCTION, RESET MONUMENT PER CITY STANDARD DETAIL ST-20 AND FILE CORNER RECORD AFTER RESET OF MONUMENT.
  - PROTECT EXISTING MONUMENT IN PLACE AND REPLACE SQUARE BOX WITH CITY STANDARD ROUND BOX PER CITY STANDARD DETAIL ST-21. CORNER RECORD REQUIRED PRIOR TO CONSTRUCTION. IF MONUMENT IS DISTURBED DURING CONSTRUCTION, RESET MONUMENT PER CITY STANDARD DETAIL ST-20 AND FILE CORNER RECORD AFTER RESET OF MONUMENT.
  - RESET MONUMENT AND INSTALL NEW CITY STANDARD ROUND BOX PER CITY STANDARD DETAIL ST-20. CORNER RECORD REQUIRED BEFORE AND AFTER RESET OF MONUMENT.
  - LOCATION OF FOUND IRON PIPE OR BRASS DISK MONUMENT. PROTECT EXISTING MONUMENT IN PLACE AND PLACE 6" DIA SCH 80 PVC PIPE OVER TOP OF ROD/PIPE AND CONSTRUCT NEW MONUMENT BOX PER CITY STANDARD DETAIL ST-21. CORNER RECORD REQUIRED PRIOR TO CONSTRUCTION. IF MONUMENT IS DISTURBED DURING CONSTRUCTION, RESET MONUMENT PER CITY STANDARD DETAIL ST-20 AND FILE CORNER RECORD AFTER RESET OF MONUMENT.
  - LOCATION OF SUSPECTED, NAIL, BRASS PIN, BURIED STEEL ROD/PIPE MONUMENT. CONTRACTOR SHALL DIG 2'x2'x2' (MAX) HOLE BY HAND BELOW ASPHALT TO LOCATE BURIED ROD/PIPE. IF ROD/PIPE IS LOCATED, PLACE 6" DIA SCH 80 PVC PIPE OVER TOP OF ROD/PIPE AND CONSTRUCT NEW MONUMENT BOX PER CITY STANDARD DETAIL ST-21. CORNER RECORD REQUIRED PRIOR TO CONSTRUCTION. IF MONUMENT IS DISTURBED DURING CONSTRUCTION, RESET MONUMENT PER CITY STANDARD DETAIL ST-20 AND FILE CORNER RECORD AFTER RESET OF MONUMENT. IF MONUMENT IS NOT FOUND, BACKFILL HOLE WITH FULL DEPTH AC.
  - PROTECT EXISTING MONUMENT IN PLACE. CORNER RECORD REQUIRED PRIOR TO CONSTRUCTION. IF MONUMENT IS DISTURBED DURING CONSTRUCTION, RESET MONUMENT PER CITY STANDARD DETAIL ST-20 AND FILE CORNER RECORD AFTER RESET OF MONUMENT.

CITY BENCHMARKS		
NO.	BENCHMARK DESCRIPTION	BENCHMARK 2018 NAVD88
A-8	BENTON ST & LINCOLN ST, NW CORNER, TOP OF LETTER "C" IN WORD "CAL" ON TOP OF CATCH BASIN HOOD. (Reset 1974)	86.88
B-6	BASSETT ST & LAURIE AVE, EXTENDED, BRASS DISK IN TOP OF THE SE CONCRETE FOOTING OF THE POBE TOWER, 30' ± WEST OF CENTERLINE OF BASSETT ST. (Reset 1975)	86.88
B-7	LAFAYETTE ST & MONTAGUE EXPWY, CHISELED SQUARE ON TOP CENTER OF CONCRETE CULVERT HEADWALL, 115' SOUTH OF CENTERLINE OF MONTAGUE EXPWY, 10' WEST OF MAIN LINE TRACK. (Reset 1972)	22.84
B-9	LAFAYETTE ST & HOGAN DR, NE CORNER, CHISELED CROSS ON SW BOLT OF TRAFFIC SIGNAL. (Reset 1993)	14.51
B-14	NORTH SIDE OF HOPE DR, 88' ± EAST OF LAFAYETTE ST, TOWILL ALUMINUM DISK "GPS 500" SET ON EAST SIDE OF CSC HIGH VOLTAGE MANHOLE VAULT. (SET 2011)	16.12
D-4	GREAT AMERICA PKWY & MISSION COLLEGE BLVD, NW CORNER, CHISELED CROSS ON SE BOLT IN TRAFFIC LIGHT BASE. (Reset 1975)	20.11
E-2A	EL CAMINO REAL & LINCOLN ST, NORTH SIDE OF ECR, 200' EAST OF LINCOLN ST, SCRIBED "X" ON TOP OF CATCH BASIN HOOD. (Set 2001)	73.64
K-6	EL CAMINO REAL & THE ALAMEDA, NW CORNER, BRASS DISK IN TOP OF CURB ON THE NORTH SIDE OF THE CATCH BASIN 52' ± SOUTHEAST OF THE CENTER OF THE SANTA CLARA UNIVERSITY SIGN.	74.04

**NOTES:**

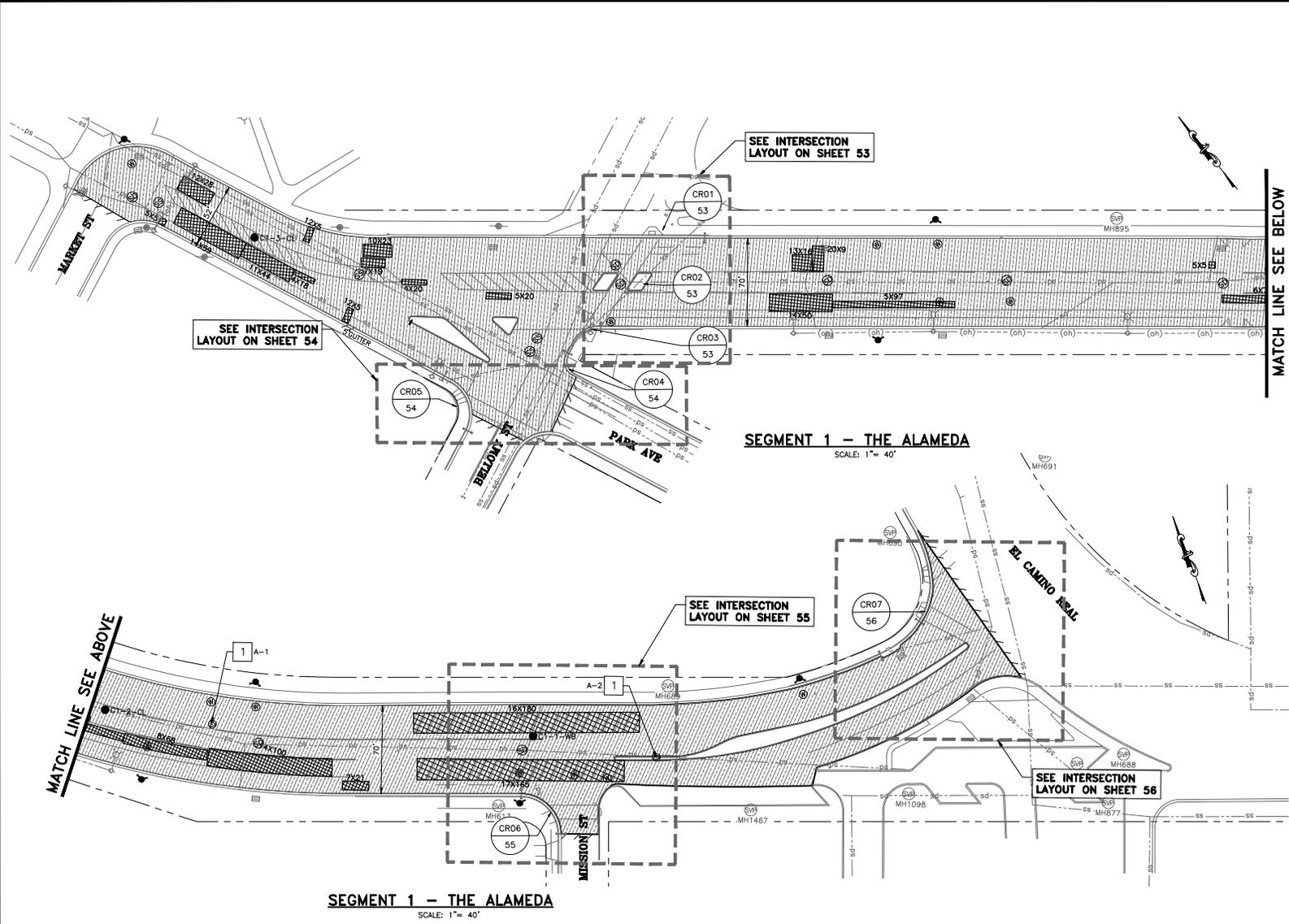
- ALL CITY BENCHMARKS SHALL BE PROTECTED IN PLACE UNLESS OTHERWISE NOTED ON THE PLAN.
- 1967-2009 BASED ON NAVD (NATIONAL GEODETIC VERTICAL DATUM) 1929  
2011-PRESENT BASED ON NAVD (NORTH AMERICAN VERTICAL DATUM) 1988



PROJECT No. CE	XX-XX-XX
ACCOUNT No.	-
DATE	NO. REVISION BY

**CITY OF SANTA CLARA**  
ENGINEERING DEPARTMENT  
2022 ANNUAL STREET MAINTENANCE AND REHABILITATION PROJECT  
**MONUMENT PRESERVATIONS**

APPROVED BY	TITLE	R.C.E. No.
DATE	DATE	Survey No.
DESIGNED BY DS	DATE	TRACING No.
DRAWN BY EB/AA	DATE	XXX,XXX-X
CHECKED BY MF	DATE	
AS BUILT BY	DATE	SHEET 4 OF 89



**LEGEND**

SYMBOL	ITEM DESCRIPTION
[Hatched pattern]	SLURRY SEAL
[Hatched pattern]	HMA MILL & FILL
[Hatched pattern]	RHMA MILL & FILL W/ PAVING MAT
[Hatched pattern]	FULL DEPTH AC RECONSTRUCTION
[Hatched pattern]	DIGOUT
(SS)	ADJUST SSMH COVER TO GRADE
(SD)	ADJUST SDMH COVER TO GRADE
(FH)	FIRE HYDRANT
(W)	ADJUST WV COVER TO GRADE
(E)	EX MONUMENT IN ROUND BOX
(E)	ADJUST MONUMENT BOX TO GRADE
(E)	EX MONUMENT IN SQUARE BOX
(E)	REPLACE NEW MONUMENT BOX

- PROJECT NOTES:**
- SEE SHEET 4 FOR MONUMENT PRESERVATION.
  - CONSTRUCT CURB AND GUTTER PER CITY STANDARD DETAIL ST-11.

SEE SHEET 3 FOR PAVEMENT IMPROVEMENT NOTES

**CAUTION:**  
THERE ARE UNDERGROUND SVP ELECTRIC AND FIBER OPTIC FACILITIES IN THIS AREA MAY OR MAY NOT SHOWN ON PLANS. USE CAUTION WHEN PERFORMING DIGOUTS AND CORING IN THESE AREAS.

VERIFY SCALES: BAR SHOWN IS ONE INCH ON ORIGINAL DRAWING. GRAPHIC SCALE: 0 1" 40 0 40 80  
IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY.

Prepared by: **CSG CONSULTANTS**  
Employee - Owned

Designer Stamp: **ENGINEER - PROFESSIONAL FIDELITY BOND No. C 56550 CIVIL STATE OF CALIFORNIA**

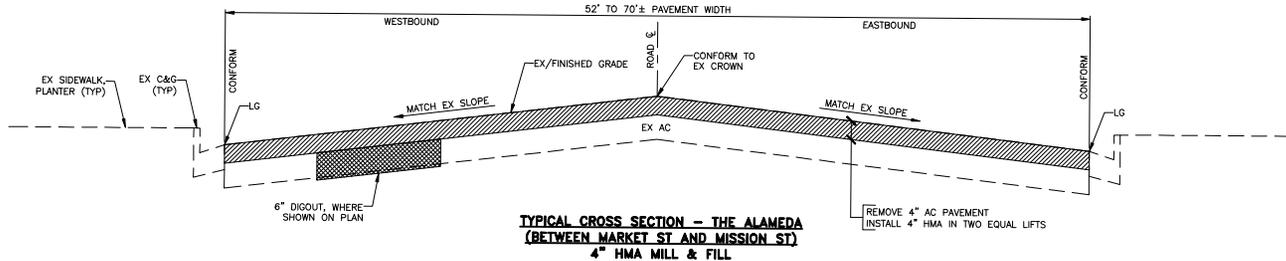
PROJECT No. CE	XX-XX-XX		
ACCOUNT No.	-		
DATE	NO.	REVISION	BY

**CITY OF SANTA CLARA**  
ENGINEERING DEPARTMENT  
2022 ANNUAL STREET MAINTENANCE AND REHABILITATION PROJECT  
**PAVEMENT IMPROVEMENT**  
SEGMENT 1: THE ALAMEDA  
(FROM MARKET ST TO EL CAMINO REAL)

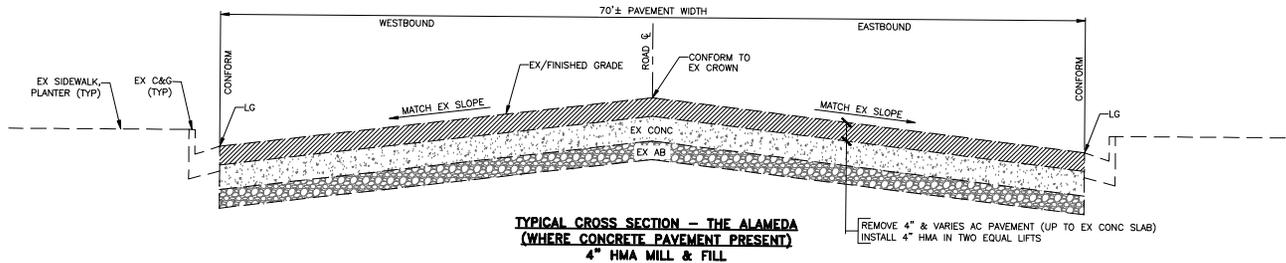
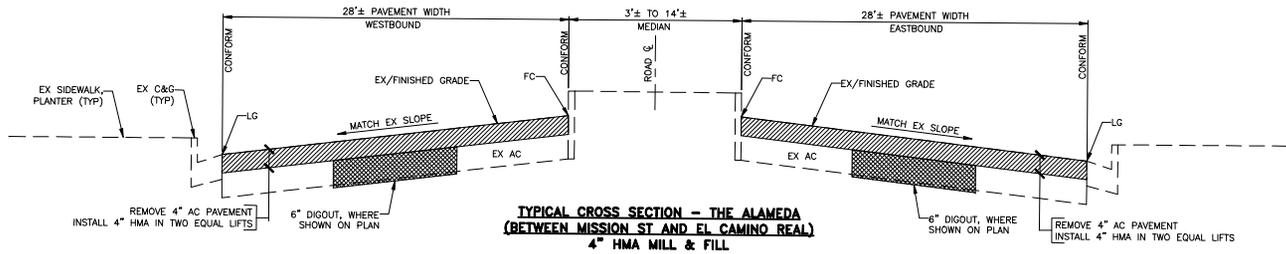
APPROVED BY	TITLE
DATE	R.C.E. No.
DESIGNED BY DS	DATE
DRAWN BY EB/AA	TRACING No.
CHECKED BY MF	XXX,XXX-X
AS BUILT BY	SHEET 5 OF 89



CORING LOG					
CORE NO.	STREET NAME	EX AC (INCHES)	EX CONC (INCHES)	EX AB (INCHES)	R-VALUE
C1-1-WB	THE ALAMEDA @ MISSION ST	3.75	4.75	3.50	26
C1-2-CL	THE ALAMEDA @ SAFEWAY	8.00	-	-	-
C1-3-CL	THE ALAMEDA @ SOUTH OF MARKET	9.00	-	-	-



SEE SHEET 3 FOR PAVEMENT IMPROVEMENT NOTES



**CAUTION:**  
THERE ARE UNDERGROUND SVP ELECTRIC AND FIBER OPTIC FACILITIES IN THIS AREA MAY OR MAY NOT SHOWN ON PLANS. USE CAUTION WHEN PERFORMING DIGOUTS AND CORING IN THESE AREAS.

VERIFY SCALES: BAR SHOWN IS ONE INCH ON ORIGINAL DRAWING.  
GRAPHIC SCALE: 0 1" 40 0 40 80  
IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY.

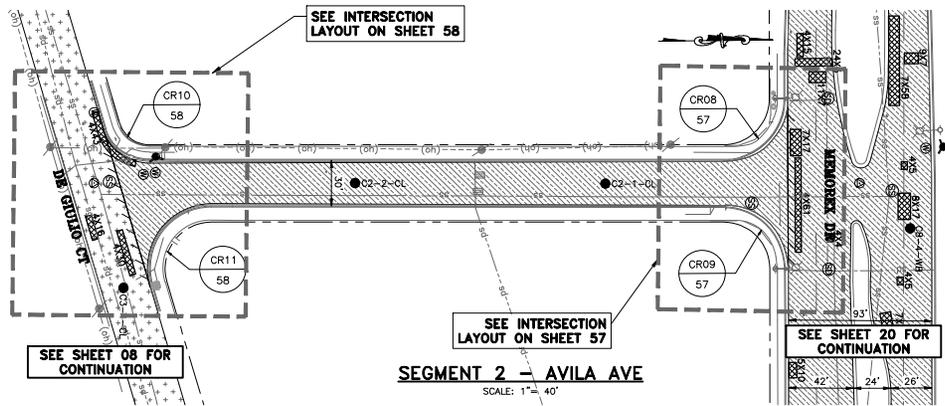


PROJECT No. CE	XX-XX-XX
ACCOUNT No.	-
DATE	NO.
REVISION	BY

**CITY OF SANTA CLARA**  
ENGINEERING DEPARTMENT  
2022 ANNUAL STREET MAINTENANCE AND REHABILITATION PROJECT  
**PAVEMENT IMPROVEMENT**  
SEGMENT 1: THE ALAMEDA  
(FROM MARKET ST TO EL CAMINO REAL)

APPROVED BY	TITLE	DATE	INITIAL	DATE	R.C.E. No.
			DS/-	-/-/22	Survey No.
DESIGNED BY	EB/AA	-/-/22	TRACING No.		
DRAWN BY	MF	-/-/22	XXX,XXX-X		
CHECKED BY			SHEET 6 OF 89		
AS BUILT BY					





**LEGEND**

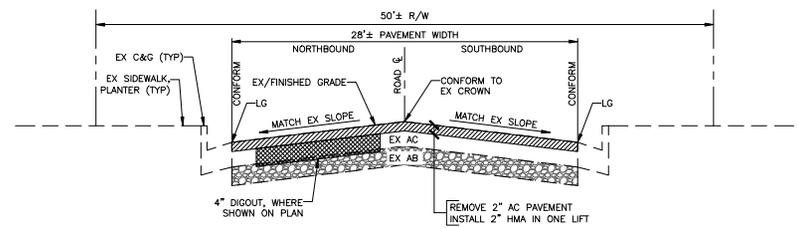
SYMBOL	ITEM DESCRIPTION
	SLURRY SEAL
	HMA MILL & FILL
	RHMA MILL & FILL W/ PAVING MAT
	FULL DEPTH AC RECONSTRUCTION
	DIGOUT
	ADJUST SSMH COVER TO GRADE
	ADJUST SDMH COVER TO GRADE
	FIRE HYDRANT
	ADJUST WV COVER TO GRADE
	EX MONUMENT IN ROUND BOX
	ADJUST MONUMENT BOX TO GRADE
	EX MONUMENT IN SQUARE BOX
	REPLACE NEW MONUMENT BOX

- PROJECT NOTES:**
- SEE SHEET 4 FOR MONUMENT PRESERVATION.
  - CONSTRUCT CURB AND GUTTER PER CITY STANDARD DETAIL ST-11.

**SEE SHEET 3 FOR PAVEMENT IMPROVEMENT NOTES**

**CORING LOG**

CORE NO.	STREET NAME	EX AC (INCHES)	EX CONC (INCHES)	EX AB (INCHES)	R-VALUE
C2-1-CL	2265 AVILLA AVE @ NBL	5.50	-	4.50	28
C2-2-CL	2225 AVILLA AVE	5.75	-	2.25	23



**TYPICAL CROSS SECTION - AVILA AVE  
(BETWEEN RONALD ST AND LAFAYETTE ST)  
2" HMA MILL & FILL**

**CAUTION:**  
THERE ARE UNDERGROUND SVP ELECTRIC AND FIBER OPTIC FACILITIES IN THIS AREA MAY OR MAY NOT SHOWN ON PLANS. USE CAUTION WHEN PERFORMING DIGOUTS AND CORING IN THESE AREAS.



PROJECT No. CE	XX-XX-XX		
ACCOUNT No.	-		
DATE	NO.	REVISION	BY

**CITY OF SANTA CLARA**  
ENGINEERING DEPARTMENT

2022 ANNUAL STREET MAINTENANCE AND REHABILITATION PROJECT

**PAVEMENT IMPROVEMENT**  
SEGMENT 2: AVILLA AVE.  
(FROM MEMOREX DR TO DI GIULIO AVE)

APPROVED BY		TITLE	
DATE	INITIAL	DATE	R.C.E. No.
DESIGNED BY	DS/-		
DRAWN BY	EB/AA		
CHECKED BY	MF		
AS BUILT BY	-		
TRACING No.			XXX,XXX-X
SHEET			7 OF 89

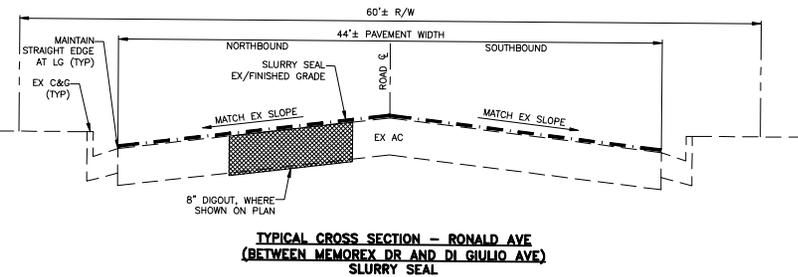


CORING LOG					
CORE NO.	STREET NAME	EX AC (INCHES)	EX CONC (INCHES)	EX AB (INCHES)	R-VALUE
C11-1-CL	2185 RONALD ST @ MEMOREX DR	8.25	-	-	-

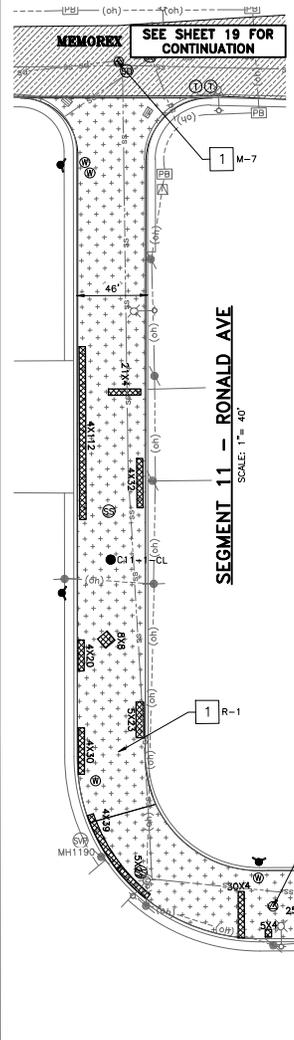
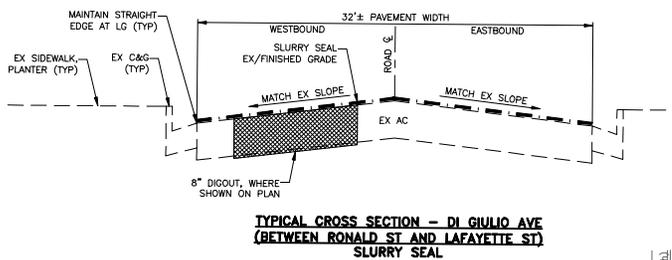
LEGEND	
SYMBOL	ITEM DESCRIPTION
	SLURRY SEAL
	HMA MILL & FILL
	RHMA MILL & FILL W/ PAVING MAT
	FULL DEPTH AC RECONSTRUCTION
	DIGOUT
	ADJUST SSMH COVER TO GRADE
	ADJUST SDMH COVER TO GRADE
	FIRE HYDRANT
	ADJUST WV COVER TO GRADE
	EX MONUMENT IN ROUND BOX
	ADJUST MONUMENT BOX TO GRADE
	EX MONUMENT IN SQUARE BOX
	REPLACE NEW MONUMENT BOX

- PROJECT NOTES:**
- SEE SHEET 4 FOR MONUMENT PRESERVATION.
  - CONSTRUCT CURB AND GUTTER PER CITY STANDARD DETAIL ST-11.

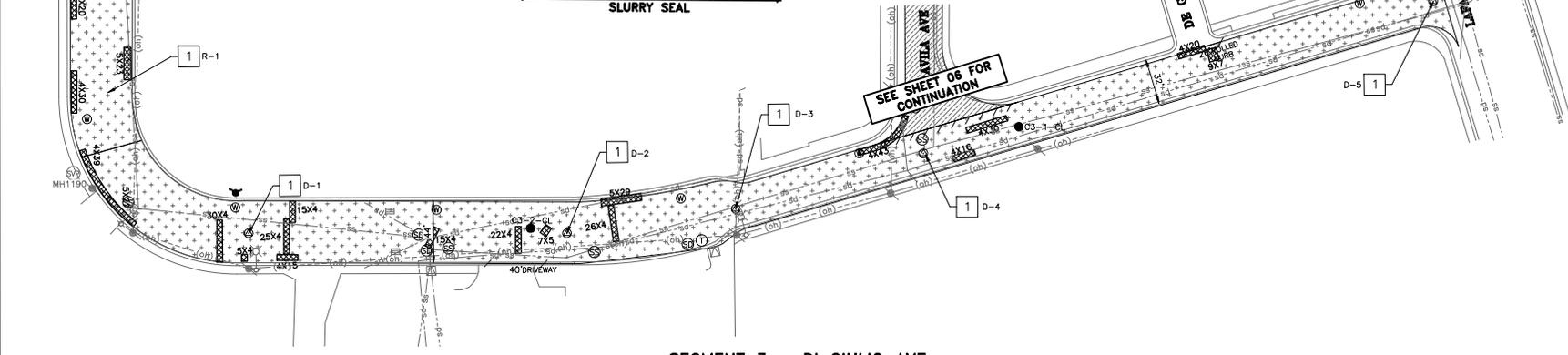
**SEE SHEET 3 FOR PAVEMENT IMPROVEMENT NOTES**



CORING LOG					
CORE NO.	STREET NAME	EX AC (INCHES)	EX CONC (INCHES)	EX AB (INCHES)	R-VALUE
C3-1-CL	982 DI GIULIO AVE @ AVILLA AVE	10.00	-	-	-
C3-2-CL	1053 DI GIULIO AVE @ AVILLA AVE	7.38	-	-	-



**SEGMENT 11 - RONALD AVE**  
SCALE: 1" = 40'



**SEGMENT 3 - DI GIULIO AVE**  
SCALE: 1" = 40'

**CAUTION:**  
THERE ARE UNDERGROUND SVP ELECTRIC AND FIBER OPTIC FACILITIES IN THIS AREA MAY OR MAY NOT SHOWN ON PLANS. USE CAUTION WHEN PERFORMING DIGOUTS AND CORING IN THESE AREAS.

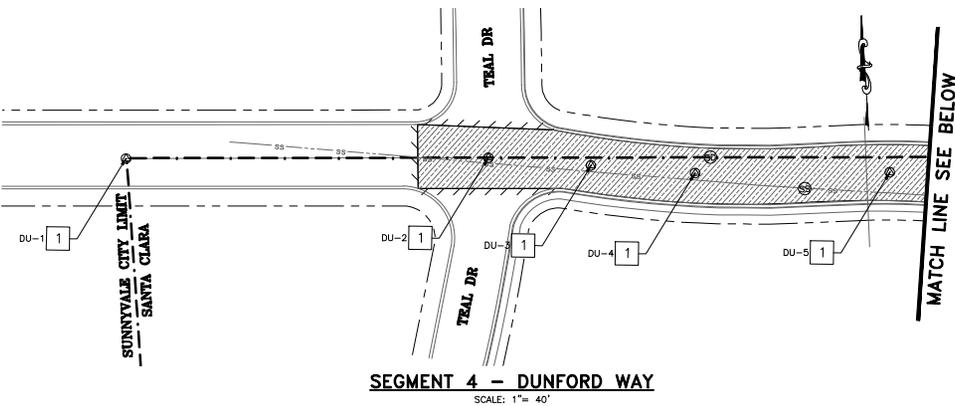


PROJECT No. CE	XX-XX-XX		
ACCOUNT No.	-		
DATE	NO.	REVISION	BY

**CITY OF SANTA CLARA**  
ENGINEERING DEPARTMENT  
2022 ANNUAL STREET MAINTENANCE AND REHABILITATION PROJECT  
**PAVEMENT IMPROVEMENT**  
SEGMENT 3: DI GIULIO AVE.  
SEGMENT 11: RONALD AVE.

APPROVED BY		TITLE	
DATE	INITIAL	DATE	R.C.E. No.
DESIGNED BY	DS/-	DATE	
DRAWN BY	EB/AA	DATE	
CHECKED BY	MF	DATE	
AS BUILT BY	-	DATE	
TRACING No.			XXX,XXX-X
SHEET			7 OF 89

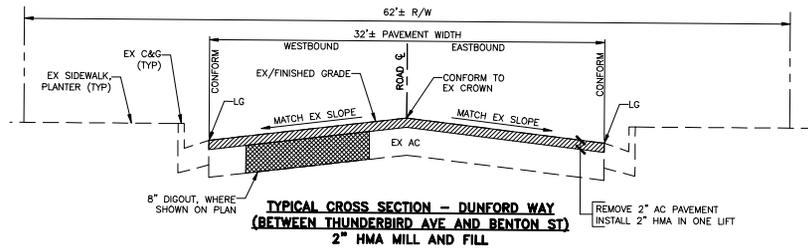




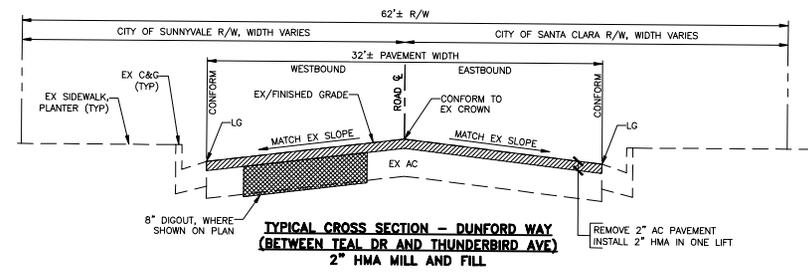
**SEGMENT 4 - DUNFORD WAY**  
SCALE: 1" = 40'

**CAUTION:**  
THERE ARE UNDERGROUND SVP ELECTRIC AND FIBER OPTIC FACILITIES IN THIS AREA MAY OR MAY NOT SHOWN ON PLANS. USE CAUTION WHEN PERFORMING DIGOUTS AND CORING IN THESE AREAS.

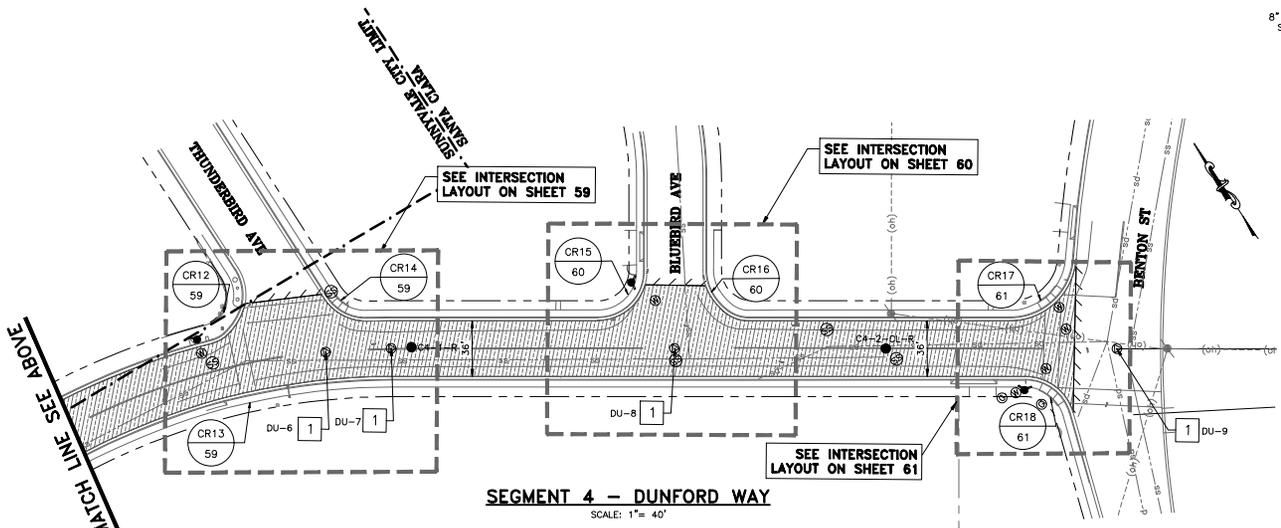
CORING LOG					
CORE NO.	STREET NAME	EX AC (INCHES)	EX CONG (INCHES)	EX AB (INCHES)	R-VALUE
C4-1-R	1386 DUNFORD WAY, WB	7.75	-	8.5	35
C4-2-CL-R	3736 DUNFORD WAY, WB	7.13	-	16.25	37



**TYPICAL CROSS SECTION - DUNFORD WAY  
(BETWEEN THUNDERBIRD AVE AND BENTON ST)  
2" HMA MILL AND FILL**



**TYPICAL CROSS SECTION - DUNFORD WAY  
(BETWEEN TEAL DR AND THUNDERBIRD AVE)  
2" HMA MILL AND FILL**



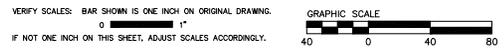
**SEGMENT 4 - DUNFORD WAY**  
SCALE: 1" = 40'

**LEGEND**

SYMBOL	ITEM DESCRIPTION
(---)	SLURRY SEAL
(//)	HMA MILL & FILL
(//)	RHMA MILL & FILL W/ PAVING MAT
(//)	FULL DEPTH AC RECONSTRUCTION
(X)	DIGOUT
(SS)	ADJUST SSMH COVER TO GRADE
(SD)	ADJUST SDMH COVER TO GRADE
(F)	FIRE HYDRANT
(R)	ADJUST WV COVER TO GRADE
(O)	EX MONUMENT IN ROUND BOX, ADJUST MONUMENT BOX TO GRADE
(S)	EX MONUMENT IN SQUARE BOX, REPLACE NEW MONUMENT BOX

- PROJECT NOTES:**
- SEE SHEET 4 FOR MONUMENT PRESERVATION.
  - CONSTRUCT CURB AND GUTTER PER CITY STANDARD DETAIL ST-11.

**SEE SHEET 3 FOR  
PAVEMENT IMPROVEMENT NOTES**



PROJECT No. CE	XX-XX-XX
ACCOUNT No.	-
DATE	NO.
REVISION	BY

**CITY OF SANTA CLARA**  
ENGINEERING DEPARTMENT  
2022 ANNUAL STREET MAINTENANCE AND REHABILITATION PROJECT  
**PAVEMENT IMPROVEMENT**  
SEGMENT 4: DUNFORD WY.  
(FROM SUNNYVALE CITY LIMIT TO BENTON ST)

APPROVED BY

TITLE	DATE	R.C.E. No.
DESIGNED BY DS	DATE	Survey No.
DRAWN BY EB/AA	DATE	TRACING No.
CHECKED BY MF	DATE	XXX,XXX-X
AS BUILT BY	DATE	SHEET 9 OF 89

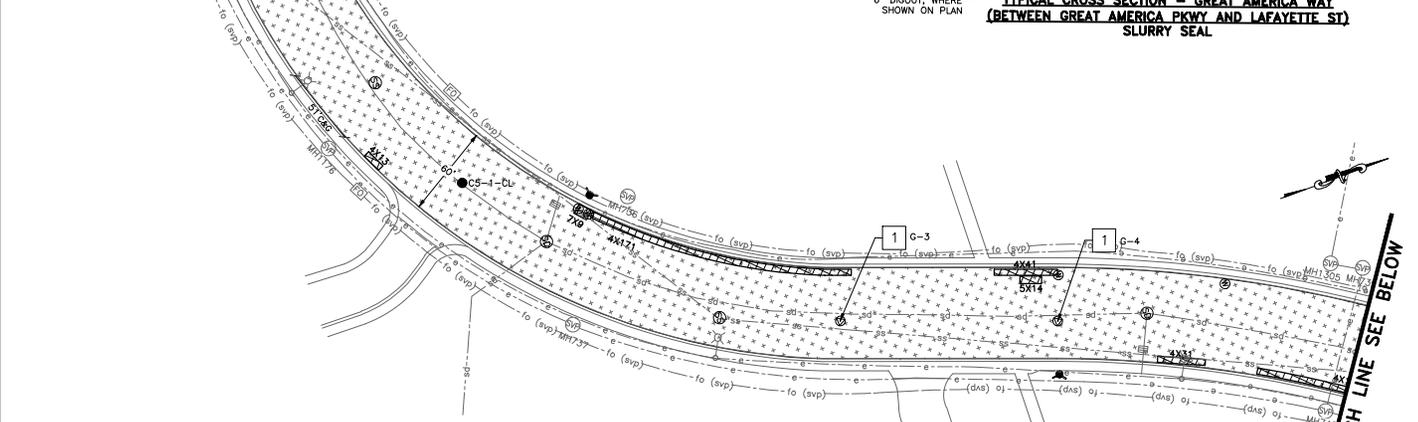
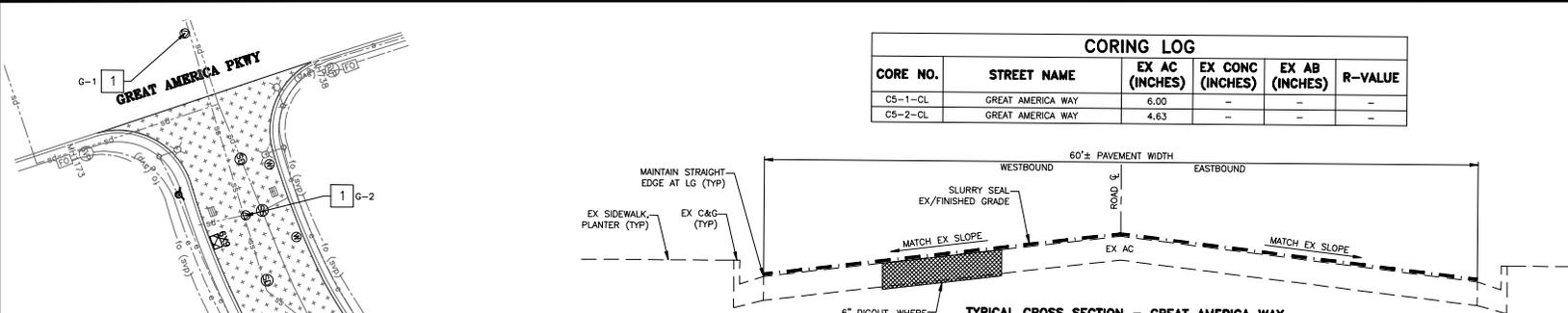
CORING LOG					
CORE NO.	STREET NAME	EX AC (INCHES)	EX CONC (INCHES)	EX AB (INCHES)	R-VALUE
CS-1-CL	GREAT AMERICA WAY	6.00	-	-	-
CS-2-CL	GREAT AMERICA WAY	4.63	-	-	-

LEGEND	
SYMBOL	ITEM DESCRIPTION
	SLURRY SEAL
	HMA MILL & FILL
	RHMA MILL & FILL W/ PAVING MAT
	FULL DEPTH AC RECONSTRUCTION
	DIGOUT
	ADJUST SSMH COVER TO GRADE
	ADJUST SDMH COVER TO GRADE
	FIRE HYDRANT
	ADJUST WV COVER TO GRADE
	EX MONUMENT IN ROUND BOX
	ADJUST MONUMENT BOX TO GRADE
	EX MONUMENT IN SQUARE BOX
	REPLACE NEW MONUMENT BOX

- PROJECT NOTES:**
- SEE SHEET 4 FOR MONUMENT PRESERVATION.
  - CONSTRUCT CURB AND GUTTER PER CITY STANDARD DETAIL ST-11.

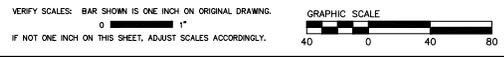
**SEE SHEET 3 FOR PAVEMENT IMPROVEMENT NOTES**

**CAUTION:**  
THERE ARE UNDERGROUND SVP ELECTRIC AND FIBER OPTIC FACILITIES IN THIS AREA MAY OR MAY NOT SHOWN ON PLANS. USE CAUTION WHEN PERFORMING DIGOUTS AND CORING IN THESE AREAS.



**SEGMENT 5 - GREAT AMERICA WY**  
SCALE: 1" = 40'

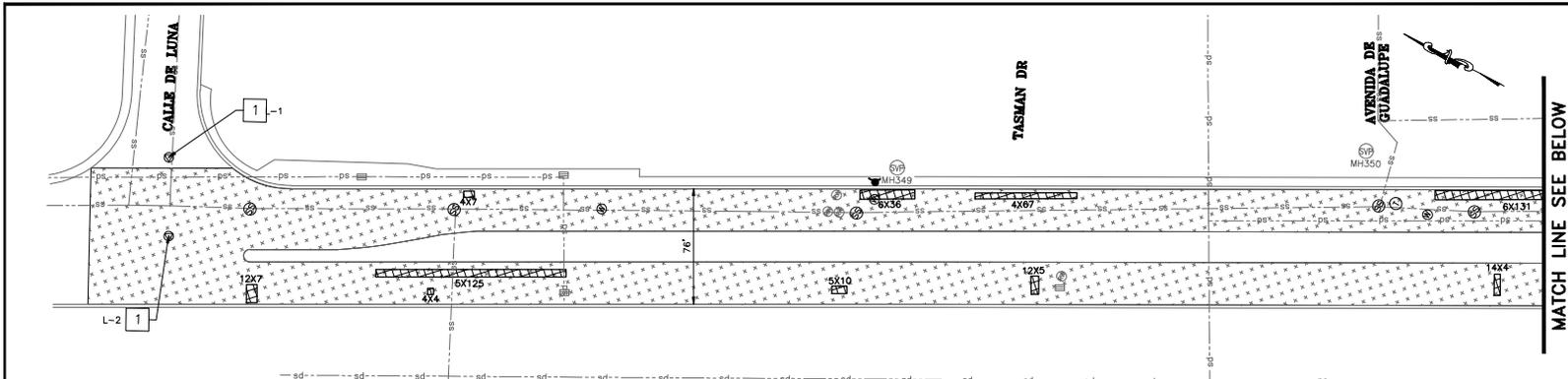
**SEGMENT 5 - GREAT AMERICA WY**  
SCALE: 1" = 40'



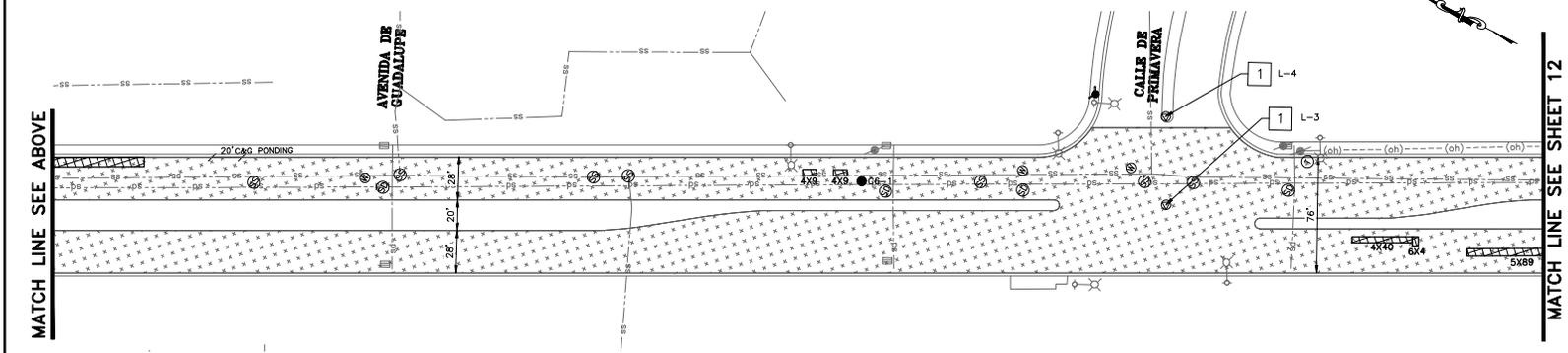
PROJECT No. CE	XX-XX-XX		
ACCOUNT No.	-		
DATE	NO.	REVISION	BY

**CITY OF SANTA CLARA**  
ENGINEERING DEPARTMENT  
2022 ANNUAL STREET MAINTENANCE AND REHABILITATION PROJECT  
**PAVEMENT IMPROVEMENT**  
**SEGMENT 5: GREAT AMERICA WY**  
**(FROM LAFAYETTE ST TO GREAT AMERICA PKWY)**

APPROVED BY		TITLE	
DATE	R.C.E. No.	DATE	Survey No.
DESIGNED BY DS	DATE	TRACING No.	
DRAWN BY EB/AA	DATE		
CHECKED BY MF	DATE		
AS BUILT BY	DATE	SHEET	10 OF 89



**SEGMENT 6 - LAFAYETTE ST**  
SCALE: 1" = 40'



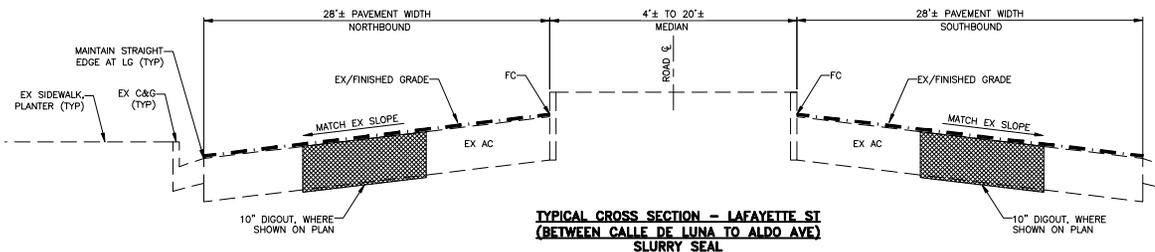
**SEGMENT 6 - LAFAYETTE ST**  
SCALE: 1" = 40'

**LEGEND**

SYMBOL	ITEM DESCRIPTION
[Pattern]	SLURRY SEAL
[Pattern]	HMA MILL & FILL
[Pattern]	RHMA MILL & FILL W/ PAVING MAT
[Pattern]	FULL DEPTH AC RECONSTRUCTION
[Pattern]	DIGOUT
(SS)	ADJUST SSMH COVER TO GRADE
(SD)	ADJUST SDMH COVER TO GRADE
(F)	FIRE HYDRANT
(W)	ADJUST WV COVER TO GRADE
(R)	EX MONUMENT IN ROUND BOX
(B)	ADJUST MONUMENT BOX TO GRADE
(S)	EX MONUMENT IN SQUARE BOX
(S)	REPLACE NEW MONUMENT BOX

- PROJECT NOTES:**
- SEE SHEET 4 FOR MONUMENT PRESERVATION.
  - CONSTRUCT CURB AND GUTTER PER CITY STANDARD DETAIL ST-11.

**SEE SHEET 3 FOR PAVEMENT IMPROVEMENT NOTES**



**CORING LOG**

CORE NO.	STREET NAME	EX AC (INCHES)	EX CONC (INCHES)	EX AB (INCHES)	R-VALUE
C6-1-NB	LAFAYETTE ST @ CALLE DE PRIMAVERA	7.50	-	-	-
C6-2-NB	LAFAYETTE ST @ HOPE DR	4.38	-	-	-
C6-3-NB	LAFAYETTE ST @ LAURIE AVE	11.75	-	-	-
C6-4-SB	LAFAYETTE ST @ HOGAN DR	7.00	-	-	-
C6-5-SB	LAFAYETTE ST @ AGNEW RD	4.00	-	-	-
C6-6-SB	LAFAYETTE ST @ CLYDE AVE	9.75	-	-	-

**CAUTION:**  
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PROJECT No. CE	XX-XX-XX
ACCOUNT No.	-
DATE	NO.
REVISION	BY

**CITY OF SANTA CLARA**  
ENGINEERING DEPARTMENT

2022 ANNUAL STREET MAINTENANCE AND REHABILITATION PROJECT

**PAVEMENT IMPROVEMENT**  
SEGMENT 6: LAFAYETTE ST  
(FROM ALDO AVE TO CALLE DE LUNA)

APPROVED BY:

TITLE	DATE	INITIAL	DATE	R.C.E. No.
		DS	11/22	
DESIGNED BY		EB/AA	11/22	TRACING No.
DRAWN BY		MF	11/22	XX,XXX-X
CHECKED BY				
AS BUILT BY				SHEET 11 OF 89



MATCH LINE SEE SHEET 12

MATCH LINE SEE ABOVE

MATCH LINE SEE BELOW

MATCH LINE SEE SHEET 13

SEGMENT 6 - LAFAYETTE ST  
SCALE: 1" = 40'

SEGMENT 6 - LAFAYETTE ST  
SCALE: 1" = 40'

**LEGEND**

SYMBOL	ITEM DESCRIPTION
	SLURRY SEAL
	HMA MILL & FILL
	RHMA MILL & FILL W/ PAVING MAT
	FULL DEPTH AC RECONSTRUCTION
	DIGOUT
	ADJUST SSMH COVER TO GRADE
	ADJUST SDMH COVER TO GRADE
	FIRE HYDRANT
	ADJUST WV COVER TO GRADE
	EX MONUMENT IN ROUND BOX
	ADJUST MONUMENT BOX TO GRADE
	EX MONUMENT IN SQUARE BOX
	REPLACE NEW MONUMENT BOX

- PROJECT NOTES:**
- SEE SHEET 4 FOR MONUMENT PRESERVATION.
  - CONSTRUCT CURB AND GUTTER PER CITY STANDARD DETAIL ST-11.

SEE SHEET 3 FOR PAVEMENT IMPROVEMENT NOTES



**CAUTION:**  
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Prepared by

Employee - Owned

Designer Stamp

PROJECT No. CE	XX-XX-XX		
ACCOUNT No.	-		
DATE	NO.	REVISION	BY

**CITY OF SANTA CLARA**  
ENGINEERING DEPARTMENT

2022 ANNUAL STREET MAINTENANCE AND REHABILITATION PROJECT

**PAVEMENT IMPROVEMENT**  
SEGMENT 6: LAFAYETTE ST  
(FROM ALDO AVE TO CALLE DE LUNA)

APPROVED BY		TITLE	
DATE	INITIAL	DATE	R.C.E. No.
DESIGNED BY	DS/-		
DRAWN BY	EB/AA		
CHECKED BY	MF		
AS BUILT BY	-		
TRACING No.			XX,XXX-X
SHEET			12 OF 89

MATCH LINE SEE SHEET 12

MATCH LINE SEE BELOW

SEGMENT 6 - LAFAYETTE ST

SCALE: 1" = 40'

MATCH LINE SEE ABOVE

MATCH LINE SEE SHEET 14

SEGMENT 6 - LAFAYETTE ST

SCALE: 1" = 40'

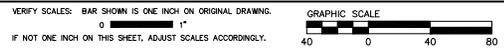
**LEGEND**

SYMBOL	ITEM DESCRIPTION
	SLURRY SEAL
	HMA MILL & FILL
	RHMA MILL & FILL W/ PAVING MAT
	FULL DEPTH AC RECONSTRUCTION
	DIGOUT
	ADJUST SSMH COVER TO GRADE
	ADJUST SDMH COVER TO GRADE
	FIRE HYDRANT
	ADJUST WW COVER TO GRADE
	EX MONUMENT IN ROUND BOX
	ADJUST MONUMENT BOX TO GRADE
	EX MONUMENT IN SQUARE BOX
	REPLACE NEW MONUMENT BOX

- PROJECT NOTES:**
- SEE SHEET 4 FOR MONUMENT PRESERVATION.
  - CONSTRUCT CURB AND GUTTER PER CITY STANDARD DETAIL ST-11.

SEE SHEET 3 FOR PAVEMENT IMPROVEMENT NOTES

**CAUTION:**  
 THERE ARE UNDERGROUND SVP ELECTRIC AND FIBER OPTIC FACILITIES IN THIS AREA MAY OR MAY NOT SHOWN ON PLANS. USE CAUTION WHEN PERFORMING DIGOUTS AND CORING IN THESE AREAS.



PROJECT No. CE	XX-XX-XX
ACCOUNT No.	-
DATE	No. REVISION BY

**CITY OF SANTA CLARA**  
 ENGINEERING DEPARTMENT

2022 ANNUAL STREET MAINTENANCE AND REHABILITATION PROJECT

**PAVEMENT IMPROVEMENT**  
 SEGMENT 6: LAFAYETTE ST  
 (FROM ALDO AVE TO CALLE DE LUNA)

APPROVED BY	TITLE
DATE	R.C.E. No.
DESIGNED BY DS	DATE
DRAWN BY EB/AA	DATE
CHECKED BY MF	DATE
AS BUILT BY	DATE
TRACING No.	XX,XXX-X
SHEET	13 OF 89



MATCH LINE SEE SHEET 13

MATCH LINE SEE BELOW

SEGMENT 6 - LAFAYETTE ST  
SCALE: 1" = 40'

MATCH LINE SEE ABOVE

MATCH LINE SEE SHEET 15

SEGMENT 6 - LAFAYETTE ST  
SCALE: 1" = 40'

**LEGEND**

SYMBOL	ITEM DESCRIPTION
	SLURRY SEAL
	HMA MILL & FILL
	RHMA MILL & FILL W/ PAVING MAT
	FULL DEPTH AC RECONSTRUCTION
	DIGOUT
	ADJUST SSMH COVER TO GRADE
	ADJUST SDMH COVER TO GRADE
	FIRE HYDRANT
	ADJUST WY COVER TO GRADE
	EX MONUMENT IN ROUND BOX
	ADJUST MONUMENT BOX TO GRADE
	EX MONUMENT IN SQUARE BOX
	REPLACE NEW MONUMENT BOX

- PROJECT NOTES:**
- SEE SHEET 4 FOR MONUMENT PRESERVATION.
  - CONSTRUCT CURB AND GUTTER PER CITY STANDARD DETAIL ST-11.

SEE SHEET 3 FOR PAVEMENT IMPROVEMENT NOTES

**CAUTION:**  
THERE ARE UNDERGROUND SVP ELECTRIC AND FIBER OPTIC FACILITIES IN THIS AREA MAY OR MAY NOT SHOWN ON PLANS. USE CAUTION WHEN PERFORMING DIGOUTS AND CORING IN THESE AREAS.



PROJECT No. CE	XX-XX-XX
ACCOUNT No.	-
DATE	No. REVISION BY

**CITY OF SANTA CLARA**  
ENGINEERING DEPARTMENT

2022 ANNUAL STREET MAINTENANCE AND REHABILITATION PROJECT

**PAVEMENT IMPROVEMENT**  
SEGMENT 6: LAFAYETTE ST  
(FROM ALDO AVE TO CALLE DE LUNA)

APPROVED BY	TITLE	DATE	INITIAL	DATE	R.C.E. No.	Survey No.
DESIGNED BY	DS					
DRAWN BY	EB/AA					
CHECKED BY	MF					
AS BUILT BY	-	-	-	-	-	-

TRACING No. **XXX,XXX-X**

SHEET **14** OF **89**



MATCH LINE SEE SHEET 14

MATCH LINE SEE BELOW

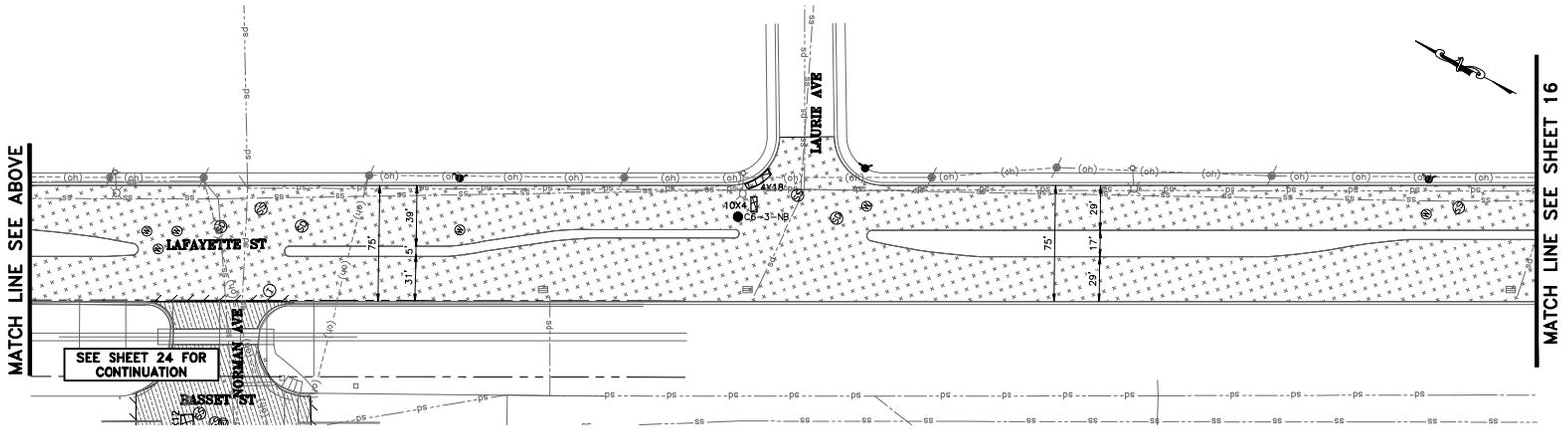
**LEGEND**

SYMBOL	ITEM DESCRIPTION
	SLURRY SEAL
	HMA MILL & FILL
	RHMA MILL & FILL W/ PAVING MAT
	FULL DEPTH AC RECONSTRUCTION
	DIGOUT
	ADJUST SSMH COVER TO GRADE
	ADJUST SDMH COVER TO GRADE
	FIRE HYDRANT
	ADJUST WV COVER TO GRADE
	EX MONUMENT IN ROUND BOX, ADJUST MONUMENT BOX TO GRADE
	EX MONUMENT IN SQUARE BOX, REPLACE NEW MONUMENT BOX

- PROJECT NOTES:**
- SEE SHEET 4 FOR MONUMENT PRESERVATION.
  - CONSTRUCT CURB AND GUTTER PER CITY STANDARD DETAIL ST-11.

**SEE SHEET 3 FOR PAVEMENT IMPROVEMENT NOTES**

**SEGMENT 6 - LAFAYETTE ST**  
SCALE: 1" = 40'



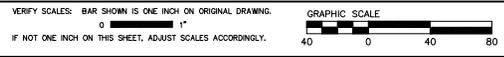
MATCH LINE SEE ABOVE

MATCH LINE SEE SHEET 16

SEE SHEET 24 FOR CONTINUATION

**SEGMENT 6 - LAFAYETTE ST**  
SCALE: 1" = 40'

**CAUTION:**  
THERE ARE UNDERGROUND SVP ELECTRIC AND FIBER OPTIC FACILITIES IN THIS AREA MAY OR MAY NOT SHOWN ON PLANS. USE CAUTION WHEN PERFORMING DIGOUTS AND CORING IN THESE AREAS.



Prepared by

Employee - Owned

Designer Stamp

PROJECT No. CE	XX-XX-XX		
ACCOUNT No.	-		
DATE	NO.	REVISION	BY

**CITY OF SANTA CLARA**  
ENGINEERING DEPARTMENT

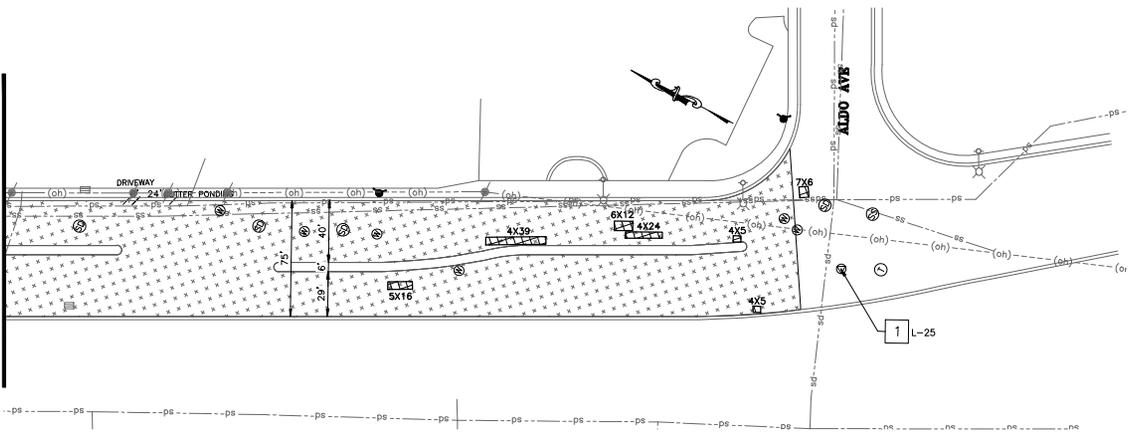
2022 ANNUAL STREET MAINTENANCE AND REHABILITATION PROJECT

**PAVEMENT IMPROVEMENT**  
SEGMENT 6: LAFAYETTE ST  
(FROM ALDO AVE TO CALLE DE LUNA)

APPROVED BY		TITLE	
DATE	INITIAL	DATE	R.C.E. No.
DESIGNED BY	DS		
DRAWN BY	EB/AA		
CHECKED BY	MF		
AS BUILT BY	-		
TRACING No.			XX,XXX-X
SHEET			15 OF 89



MATCH LINE SEE SHEET 15



**SEGMENT 6 - LAFAYETTE ST**  
SCALE: 1" = 40'

**LEGEND**

SYMBOL	ITEM DESCRIPTION
	SLURRY SEAL
	HMA MILL & FILL
	RHMA MILL & FILL W/ PAVING MAT
	FULL DEPTH AC RECONSTRUCTION
	DIGOUT
	ADJUST SSMH COVER TO GRADE
	ADJUST SDMH COVER TO GRADE
	FIRE HYDRANT
	ADJUST WV COVER TO GRADE
	EX MONUMENT IN ROUND BOX, ADJUST MONUMENT BOX TO GRADE
	EX MONUMENT IN SQUARE BOX, REPLACE NEW MONUMENT BOX

- PROJECT NOTES:**
- SEE SHEET 4 FOR MONUMENT PRESERVATION.
  - CONSTRUCT CURB AND GUTTER PER CITY STANDARD DETAIL ST-11.

**SEE SHEET 3 FOR PAVEMENT IMPROVEMENT NOTES**



**CAUTION:**  
THERE ARE UNDERGROUND SVP ELECTRIC AND FIBER OPTIC FACILITIES IN THIS AREA MAY OR MAY NOT SHOWN ON PLANS. USE CAUTION WHEN PERFORMING DIGOUTS AND CORING IN THESE AREAS.



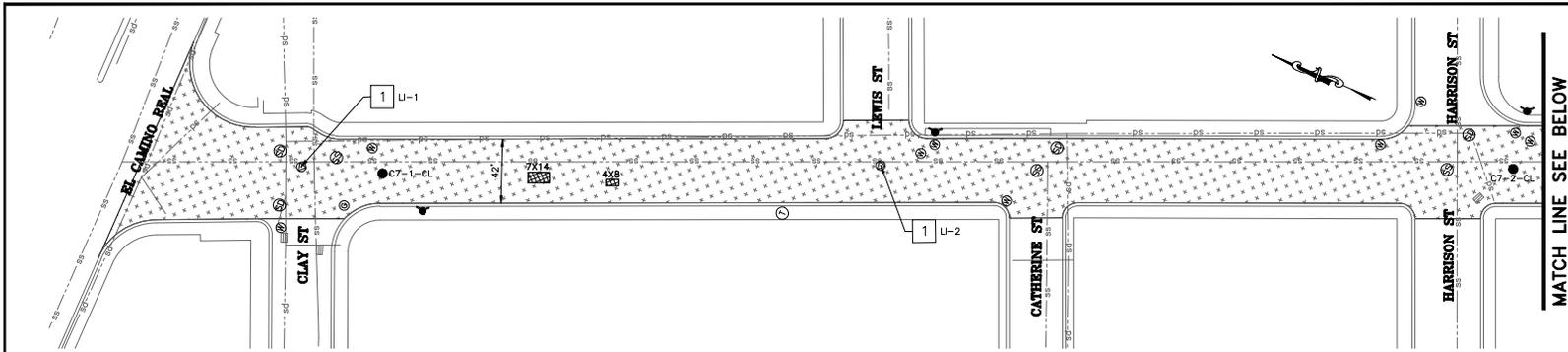
PROJECT No. CE	XX-XX-XX		
ACCOUNT No.	-		
DATE	NO.	REVISION	BY

**CITY OF SANTA CLARA**  
ENGINEERING DEPARTMENT

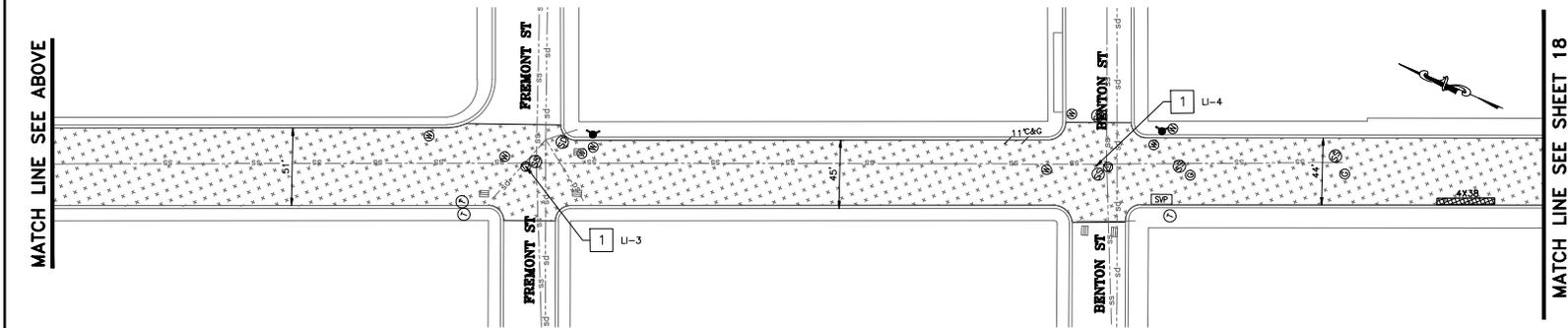
2022 ANNUAL STREET MAINTENANCE AND REHABILITATION PROJECT

**PAVEMENT IMPROVEMENT**  
SEGMENT 6: LAFAYETTE ST  
(FROM ALDO AVE TO CALLE DE LUNA)

APPROVED BY			
TITLE			
DATE	INITIAL	DATE	R.C.E. No.
DESIGNED BY	DS		
DRAWN BY	EB/AA		
CHECKED BY	MF		
AS BUILT BY	-	-	
TRACING No.			XXX,XXX-X
SHEET			16 OF 89



**SEGMENT 7 - LINCOLN ST**  
SCALE: 1" = 40'



**SEGMENT 7 - LINCOLN ST**  
SCALE: 1" = 40'

**LEGEND**

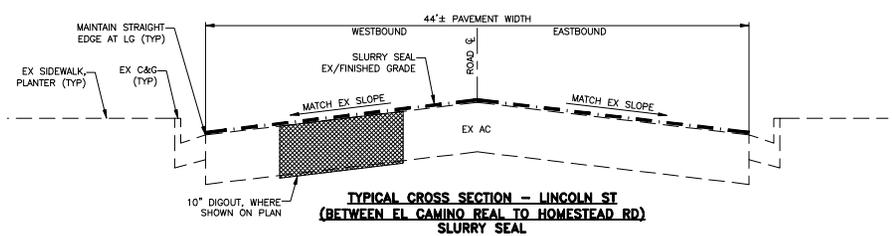
SYMBOL	ITEM DESCRIPTION
	SLURRY SEAL
	HMA MILL & FILL
	RHMA MILL & FILL W/ PAVING MAT
	FULL DEPTH AC RECONSTRUCTION
	DIGOUT
	ADJUST SSMH COVER TO GRADE
	ADJUST SDMH COVER TO GRADE
	FIRE HYDRANT
	ADJUST WV COVER TO GRADE
	EX MONUMENT IN ROUND BOX, ADJUST MONUMENT BOX TO GRADE
	EX MONUMENT IN SQUARE BOX, REPLACE NEW MONUMENT BOX

- PROJECT NOTES:**
- SEE SHEET 4 FOR MONUMENT PRESERVATION.
  - CONSTRUCT CURB AND GUTTER PER CITY STANDARD DETAIL ST-11.

**SEE SHEET 3 FOR PAVEMENT IMPROVEMENT NOTES**

**CORING LOG**

CORE NO.	STREET NAME	EX AC (INCHES)	EX CONG (INCHES)	EX AB (INCHES)	R-VALUE
C7-1-CL	1499 LINCOLN ST	13.25	-	-	-
C7-2-CL	LINCOLN ST @ HARRISON AVE	12.40	-	-	-
C7-3-CL	1590 LINCOLN ST @ HARRISON AVE	10.00	-	-	-



**CAUTION:**  
THERE ARE UNDERGROUND SVP ELECTRIC AND FIBER OPTIC FACILITIES IN THIS AREA MAY OR MAY NOT SHOWN ON PLANS. USE CAUTION WHEN PERFORMING DIGOUTS AND CORING IN THESE AREAS.



PROJECT No. CE	XX-XX-XX		
ACCOUNT No.	-		
DATE	NO.	REVISION	BY

**CITY OF SANTA CLARA**  
ENGINEERING DEPARTMENT

2022 ANNUAL STREET MAINTENANCE AND REHABILITATION PROJECT

**PAVEMENT IMPROVEMENT**  
SEGMENT 7: LINCOLN ST  
(FROM EL CAMINO REAL TO HOMESTEAD RD)

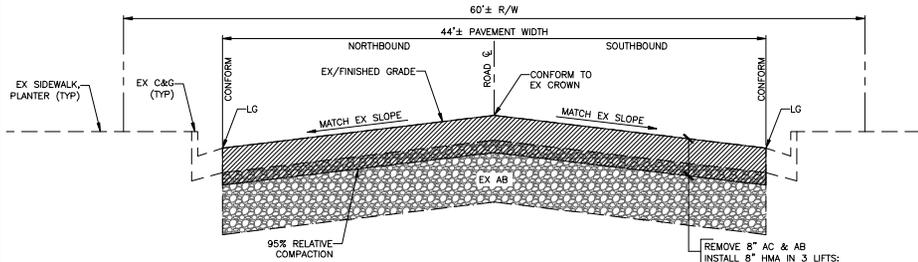
APPROVED BY	TITLE	R.C.E. No.
DESIGNED BY	DATE	Survey No.
DS/-	-/-/22	
DRAWN BY	DATE	TRACING No.
EB/AA	-/-/22	
CHECKED BY	DATE	
MF	-/-/22	
AS BUILT BY		

XXX,XXX-X  
SHEET 17 OF 89

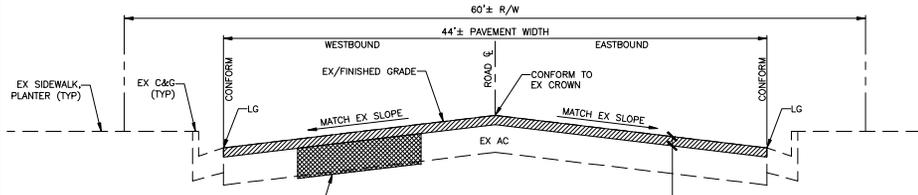




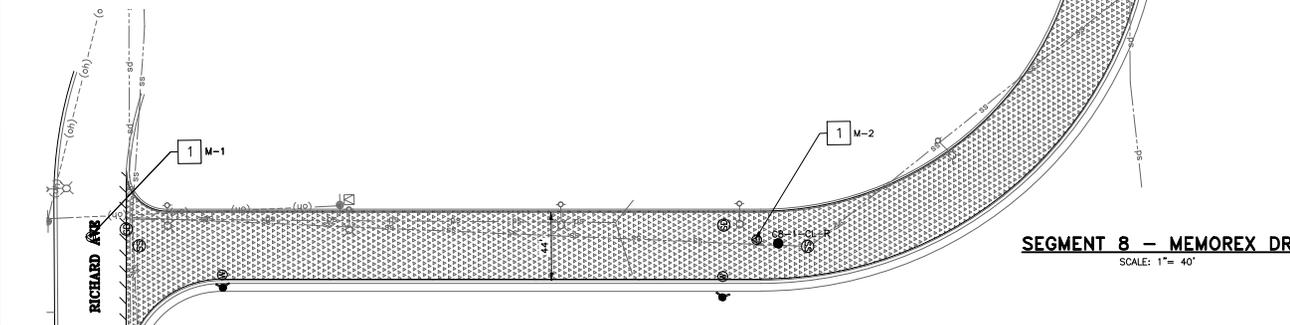
CORING LOG					
CORE NO.	STREET NAME	EX AC (INCHES)	EX CONC (INCHES)	EX AB (INCHES)	R-VALUE
CB-1-CL-R	1600 MEMOREX DR	4.90	-	3	30
CB-2-CL-R	1400 MEMOREX DR	6.90	-	12.5	25
CB-3-CL-R	1250 MEMOREX DR	7.60	-	16.5	25
CB-4-WB	945 MEMOREX	7.75	-	-	-
CB-5-EB	980 MEMOREX	6.50	-	-	-



**TYPICAL CROSS SECTION - MEMOREX DR  
(BETWEEN RICHARD AVE TO 1300 MEMOREX DR)  
8" HMA FULL DEPTH REPLACEMENT**



**TYPICAL CROSS SECTION - MEMOREX DR  
(BETWEEN 1300 MEMOREX DR TO SHULMAN AVE)  
2" HMA MILL AND FILL**



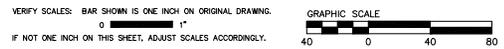
**SEGMENT 8 - MEMOREX DR**  
SCALE: 1" = 40'

LEGEND	
SYMBOL	ITEM DESCRIPTION
[Hatched pattern]	SLURRY SEAL
[Dotted pattern]	HMA MILL & FILL
[Cross-hatched pattern]	RHMA MILL & FILL W/ PAVING MAT
[Stippled pattern]	FULL DEPTH AC RECONSTRUCTION
[Diagonal lines]	DIGOUT
(SS)	ADJUST SSMH COVER TO GRADE
(SD)	ADJUST SDMH COVER TO GRADE
(FH)	FIRE HYDRANT
(W)	ADJUST WV COVER TO GRADE
(R)	EX MONUMENT IN ROUND BOX
(S)	ADJUST MONUMENT BOX TO GRADE
(SQ)	EX MONUMENT IN SQUARE BOX, REPLACE NEW MONUMENT BOX

- PROJECT NOTES:**
- SEE SHEET 4 FOR MONUMENT PRESERVATION.
  - CONSTRUCT CURB AND GUTTER PER CITY STANDARD DETAIL ST-11.

**SEE SHEET 3 FOR PAVEMENT IMPROVEMENT NOTES**

**CAUTION:**  
THERE ARE UNDERGROUND SVP ELECTRIC AND FIBER OPTIC FACILITIES IN THIS AREA MAY OR MAY NOT SHOWN ON PLANS. USE CAUTION WHEN PERFORMING DIGOUTS AND CORING IN THESE AREAS.



PROJECT No.	CE	XX-XX-XX
ACCOUNT No.	-	
DATE	NO.	REVISION
		BY

**CITY OF SANTA CLARA**  
ENGINEERING DEPARTMENT  
2022 ANNUAL STREET MAINTENANCE AND REHABILITATION PROJECT  
**PAVEMENT IMPROVEMENT**  
SEGMENT 8: MEMOREX DR  
(FROM RICHARD AVE TO LAFAYETTE ST)

APPROVED BY		DATE		R.C.E. No.
TITLE		DATE		Survey No.
DESIGNED BY	DS	DATE	TRACING No.	
DRAWN BY	EB/AA	DATE		
CHECKED BY	MF	DATE		
AS BUILT BY	-	DATE		

XXX,XXX-X  
SHEET 19 OF 89

MATCH LINE SEE SHEET 19

MATCH LINE SEE BELOW

SEE INTERSECTION LAYOUT ON SHEET 63

SEE INTERSECTION LAYOUT ON SHEET 64

SEE SHEET 27 FOR CONTINUATION

SEE INTERSECTION LAYOUT ON SHEET 62

### SEGMENT 8 - MEMOREX DR

SCALE: 1" = 40'

#### LEGEND

SYMBOL	ITEM DESCRIPTION
	SLURRY SEAL
	HMA MILL & FILL
	RMA MILL & FILL W/ PAVING MAT
	FULL DEPTH AC RECONSTRUCTION
	DIGOUT
	ADJUST SSMH COVER TO GRADE
	ADJUST SDMH COVER TO GRADE
	FIRE HYDRANT
	ADJUST WW COVER TO GRADE
	EX MONUMENT IN ROUND BOX
	ADJUST MONUMENT BOX TO GRADE
	EX MONUMENT IN SQUARE BOX
	REPLACE NEW MONUMENT BOX

#### PROJECT NOTES:

- SEE SHEET 4 FOR MONUMENT PRESERVATION.
- CONSTRUCT CURB AND GUTTER PER CITY STANDARD DETAIL ST-11.

SEE SHEET 3 FOR PAVEMENT IMPROVEMENT NOTES

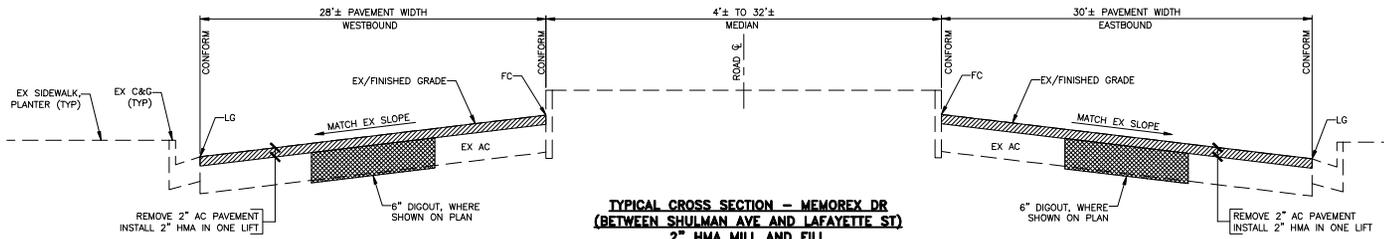
MATCH LINE SEE ABOVE

SEE INTERSECTION LAYOUT ON SHEET 65

SEE SHEET 07 FOR CONTINUATION

### SEGMENT 8 - MEMOREX DR

SCALE: 1" = 40'



TYPICAL CROSS SECTION - MEMOREX DR (BETWEEN SHULMAN AVE AND LAFAYETTE ST) 2" HMA MILL AND FILL

**CAUTION:**  
THERE ARE UNDERGROUND SVP ELECTRIC AND FIBER OPTIC FACILITIES IN THIS AREA MAY OR MAY NOT SHOWN ON PLANS. USE CAUTION WHEN PERFORMING DIGOUTS AND CORING IN THESE AREAS.

VERIFY SCALES: BAR SHOWN IS ONE INCH ON ORIGINAL DRAWING.  
0 1" 1"

GRAPHIC SCALE  
0 40 0 40 80

IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY.



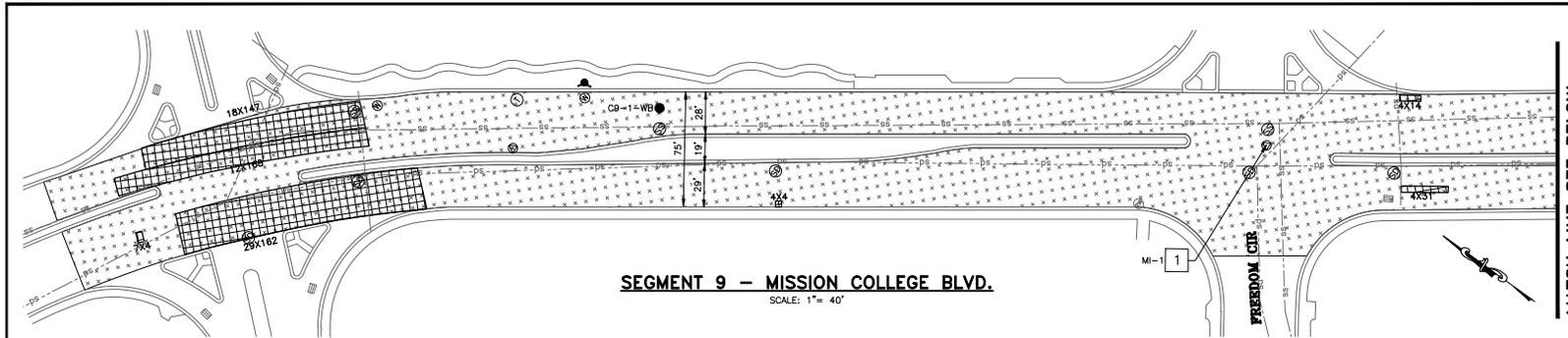
PROJECT No. CE	XX-XX-XX		
ACCOUNT No.	-		
DATE	NO.	REVISION	BY

**CITY OF SANTA CLARA**  
ENGINEERING DEPARTMENT  
2022 ANNUAL STREET MAINTENANCE AND REHABILITATION PROJECT  
**PAVEMENT IMPROVEMENT**  
SEGMENT 8: MEMOREX DR  
(FROM RICHARD AVE TO LAFAYETTE ST)

APPROVED BY	TITLE
DATE	R.C.E. No.
DESIGNED BY DS	DATE 1/22
DRAWN BY EB/AA	DATE 1/22
CHECKED BY MF	DATE 1/22
AS BUILT BY	DATE
TRACING No.	XX,XXX-X
SHEET	20 OF 89



Know what's below.  
Call before you dig.



**SEGMENT 9 - MISSION COLLEGE BLVD.**

SCALE: 1" = 40'

**LEGEND**

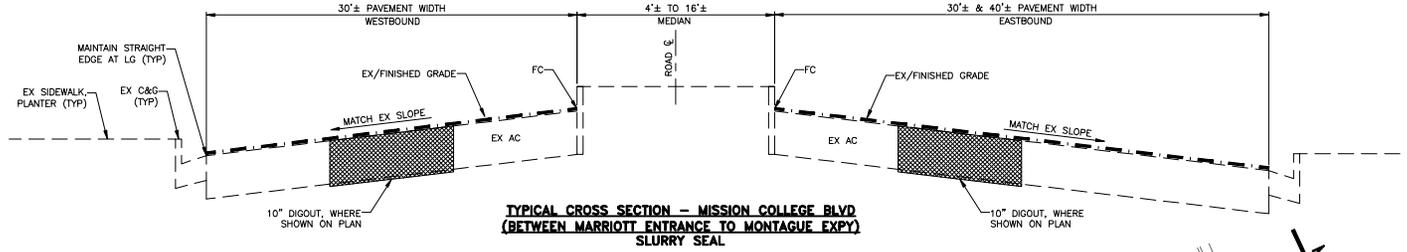
SYMBOL	ITEM DESCRIPTION
[Hatched Box]	SLURRY SEAL
[Dotted Box]	HMA MILL & FILL
[Cross-hatched Box]	RHMA MILL & FILL W/ PAVING MAT
[Stippled Box]	FULL DEPTH AC RECONSTRUCTION
[Empty Box]	DIGOUT
(SS)	ADJUST SSMH COVER TO GRADE
(SD)	ADJUST SDMH COVER TO GRADE
(W)	FIRE HYDRANT
(W)	ADJUST WV COVER TO GRADE
(E)	EX MONUMENT IN ROUND BOX
(E)	ADJUST MONUMENT BOX TO GRADE
(E)	EX MONUMENT IN SQUARE BOX
(E)	REPLACE NEW MONUMENT BOX

- PROJECT NOTES:**
- SEE SHEET 4 FOR MONUMENT PRESERVATION.
  - CONSTRUCT CURB AND GUTTER PER CITY STANDARD DETAIL ST-11.

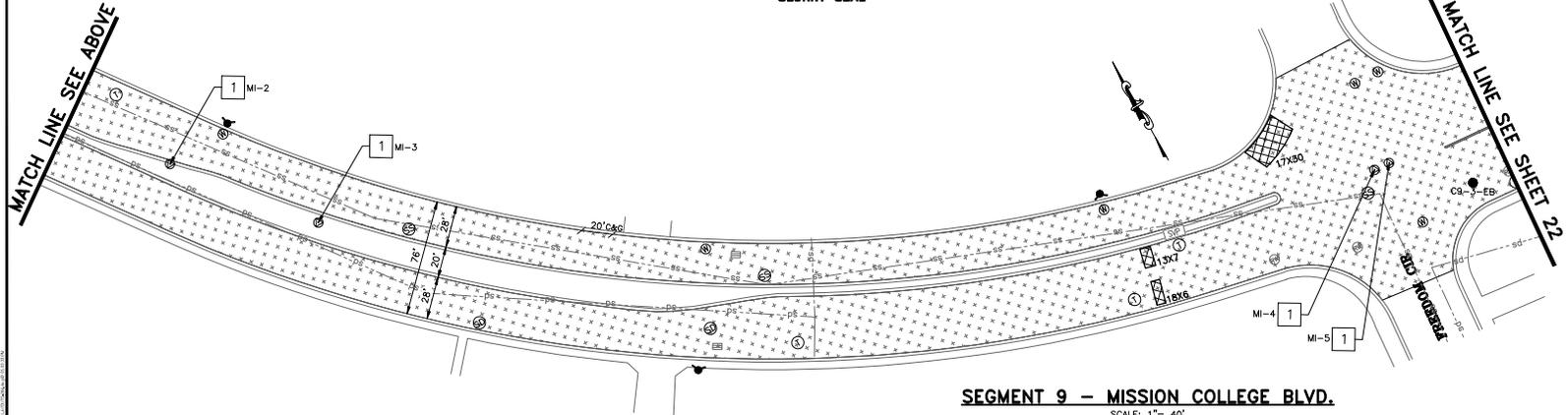
**CORING LOG**

CORE NO.	STREET NAME	EX AC (INCHES)	EX CONC (INCHES)	EX AB (INCHES)	R-VALUE
C9-1-WB	2451 MISSION COLLEGE BLVD	13.75	-	-	-
C9-2-WB	MISSION COLLEGE BLVD @ JULIETTE LN	9.00	-	-	-
C9-3-EB	MISSION COLLEGE BLVD @ FREEDOM CIR	8.00	-	-	-
C9-4-EB	2050 MISSION COLLEGE BLVD	7.75	-	-	-

**SEE SHEET 3 FOR PAVEMENT IMPROVEMENT NOTES**



**TYPICAL CROSS SECTION - MISSION COLLEGE BLVD (BETWEEN MARRIOTT ENTRANCE TO MONTAGUE EXPY) SLURRY SEAL**

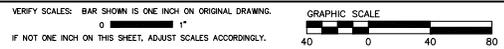


**SEGMENT 9 - MISSION COLLEGE BLVD.**

SCALE: 1" = 40'



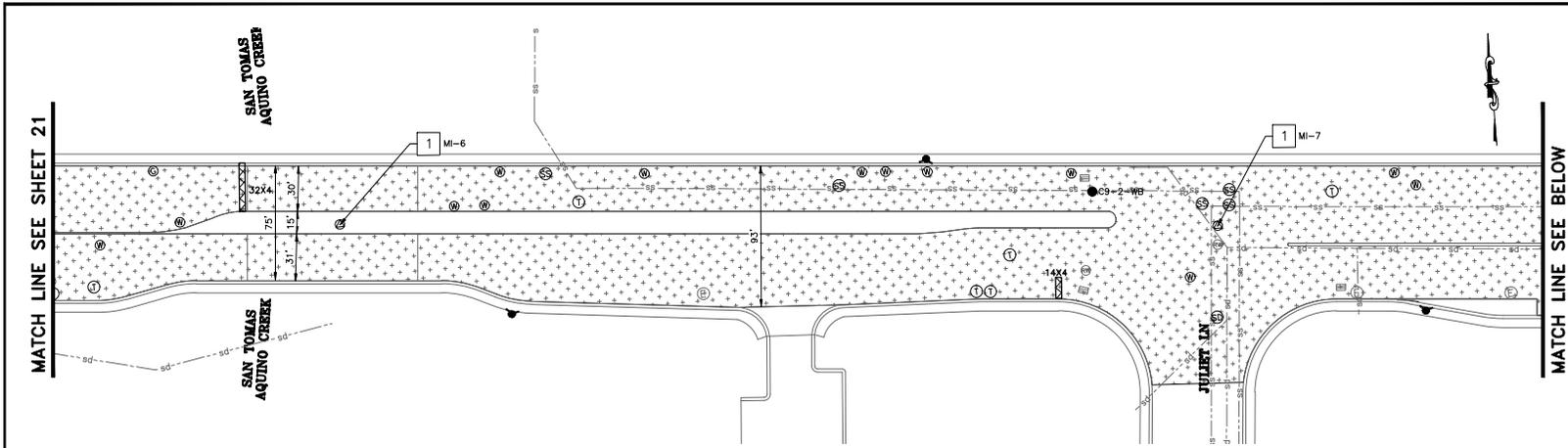
**CAUTION:**  
THERE ARE UNDERGROUND SVP ELECTRIC AND FIBER OPTIC FACILITIES IN THIS AREA MAY OR MAY NOT SHOWN ON PLANS. USE CAUTION WHEN PERFORMING DIGOUTS AND CORING IN THESE AREAS.



PROJECT No.	CE	XX-XX-XX
ACCOUNT No.	-	
DATE	No.	REVISION
		BY

**CITY OF SANTA CLARA**  
ENGINEERING DEPARTMENT  
2022 ANNUAL STREET MAINTENANCE AND REHABILITATION PROJECT  
**PAVEMENT IMPROVEMENT**  
SEGMENT 9: MISSION COLLEGE BLVD  
(FROM FREEDOM CIR TO MONTAGUE EXPWY)

APPROVED BY		
TITLE		
DATE	INITIAL	DATE
	DS/	/ / 22
DESIGNED BY	EB/AA	/ / 22
DRAWN BY	MF	/ / 22
CHECKED BY		
AS BUILT BY		
R.C.E. No.		
Survey No.		
TRACING No.	XXX,XXX-X	
SHEET	21 OF 89	



**SEGMENT 9 - MISSION COLLEGE BLVD.**

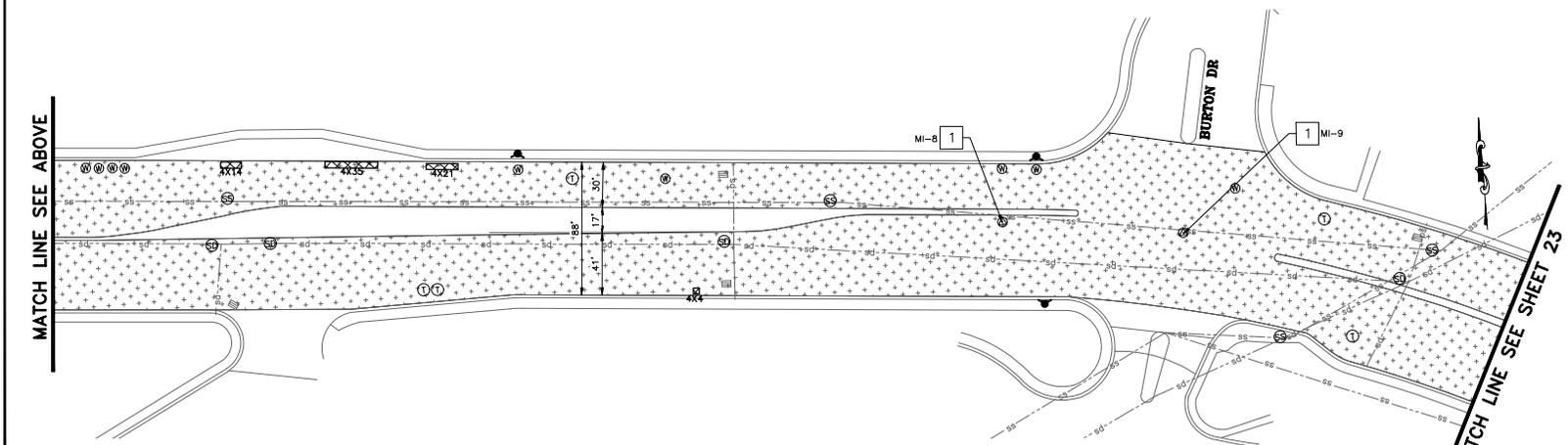
SCALE: 1" = 40'

**LEGEND**

SYMBOL	ITEM DESCRIPTION
	SLURRY SEAL
	HMA MILL & FILL
	RHMA MILL & FILL W/ PAVING MAT
	FULL DEPTH AC RECONSTRUCTION
	DIGOUT
	ADJUST SSMH COVER TO GRADE
	ADJUST SDMH COVER TO GRADE
	FIRE HYDRANT
	ADJUST WV COVER TO GRADE
	EX MONUMENT IN ROUND BOX
	ADJUST MONUMENT BOX TO GRADE
	EX MONUMENT IN SQUARE BOX
	REPLACE NEW MONUMENT BOX

- PROJECT NOTES:**
- SEE SHEET 4 FOR MONUMENT PRESERVATION.
  - CONSTRUCT CURB AND GUTTER PER CITY STANDARD DETAIL ST-11.

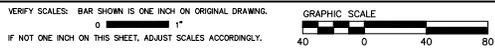
**SEE SHEET 3 FOR PAVEMENT IMPROVEMENT NOTES**



**SEGMENT 9 - MISSION COLLEGE BLVD.**

SCALE: 1" = 40'

**CAUTION:**  
THERE ARE UNDERGROUND SVP ELECTRIC AND FIBER OPTIC FACILITIES IN THIS AREA MAY OR MAY NOT SHOWN ON PLANS. USE CAUTION WHEN PERFORMING DIGOUTS AND CORING IN THESE AREAS.



PROJECT No. CE	XX-XX-XX		
ACCOUNT No.	-		
DATE	NO.	REVISION	BY

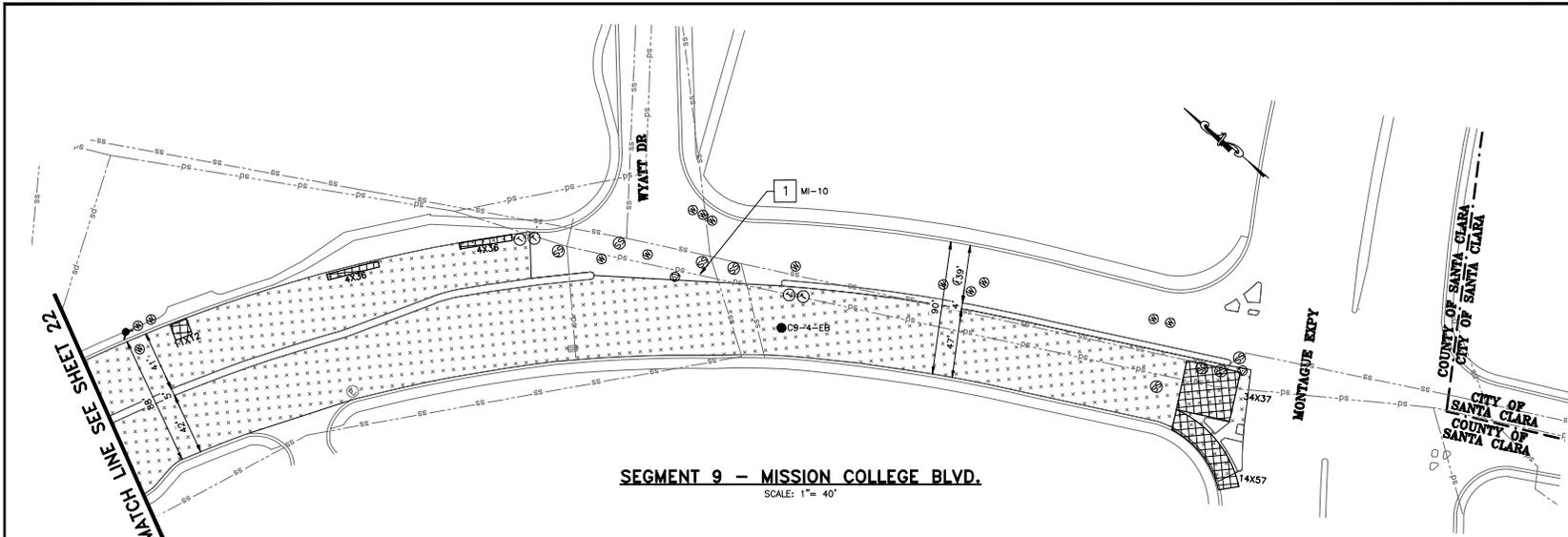
**CITY OF SANTA CLARA**  
ENGINEERING DEPARTMENT

2022 ANNUAL STREET MAINTENANCE AND REHABILITATION PROJECT

**PAVEMENT IMPROVEMENT**  
SEGMENT 9: MISSION COLLEGE BLVD  
(FROM FREEDOM CR TO MONTAGUE EXPWY)

APPROVED BY			
TITLE			
DATE	INITIAL	DATE	R.C.E. No.
DESIGNED BY	DS/-		
DRAWN BY	EB/AA		
CHECKED BY	MF		
AS BUILT BY	-	-	
TRACING No.			XXX,XXX-X
SHEET			21 OF 89





**SEGMENT 9 - MISSION COLLEGE BLVD.**

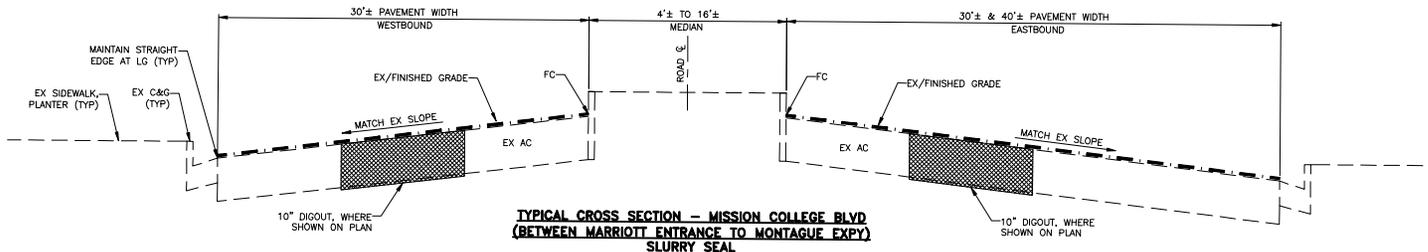
SCALE: 1" = 40'

**LEGEND**

SYMBOL	ITEM DESCRIPTION
[Hatched pattern]	SLURRY SEAL
[Hatched pattern]	HMA MILL & FILL
[Hatched pattern]	RHMA MILL & FILL W/ PAVING MAT
[Hatched pattern]	FULL DEPTH AC RECONSTRUCTION
[Hatched pattern]	DIGOUT
(SS)	ADJUST SSMH COVER TO GRADE
(SD)	ADJUST SDMH COVER TO GRADE
(FH)	FIRE HYDRANT
(W)	ADJUST WV COVER TO GRADE
(E)	EX MONUMENT IN ROUND BOX, ADJUST MONUMENT BOX TO GRADE
(S)	EX MONUMENT IN SQUARE BOX, REPLACE NEW MONUMENT BOX

- PROJECT NOTES:**
- SEE SHEET 4 FOR MONUMENT PRESERVATION.
  - CONSTRUCT CURB AND GUTTER PER CITY STANDARD DETAIL ST-11.

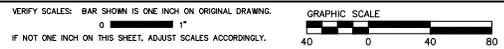
**SEE SHEET 3 FOR PAVEMENT IMPROVEMENT NOTES**



**TYPICAL CROSS SECTION - MISSION COLLEGE BLVD  
(BETWEEN MARRIOTT ENTRANCE TO MONTAGUE EXPY)  
SLURRY SEAL**



**CAUTION:**  
THERE ARE UNDERGROUND SVP ELECTRIC AND FIBER OPTIC FACILITIES IN THIS AREA MAY OR MAY NOT SHOWN ON PLANS. USE CAUTION WHEN PERFORMING DIGOUTS AND CORING IN THESE AREAS.



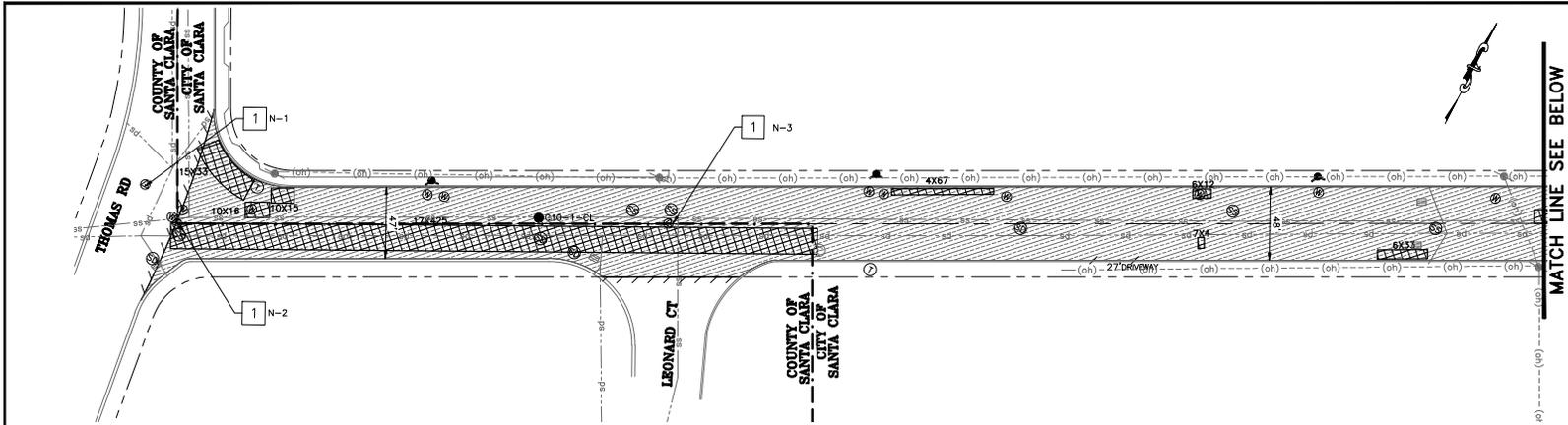
PROJECT No.	CE	XX-XX-XX
ACCOUNT No.	-	
DATE	No.	REVISION
		BY

**CITY OF SANTA CLARA**  
ENGINEERING DEPARTMENT

2022 ANNUAL STREET MAINTENANCE AND REHABILITATION PROJECT

**PAVEMENT IMPROVEMENT**  
SEGMENT 9: MISSION COLLEGE BLVD  
(FROM FREEDOM CIR TO MONTAGUE EXPY)

APPROVED BY		TITLE	
DATE	INITIAL	DATE	R.C.E. No.
			Survey No.
DESIGNED BY	DS	/	/
DRAWN BY	EB/AA	/	/
CHECKED BY	MF	/	/
AS BUILT BY	-	-	-
TRACING No.			XXX,XXX-X
SHEET			23 OF 89

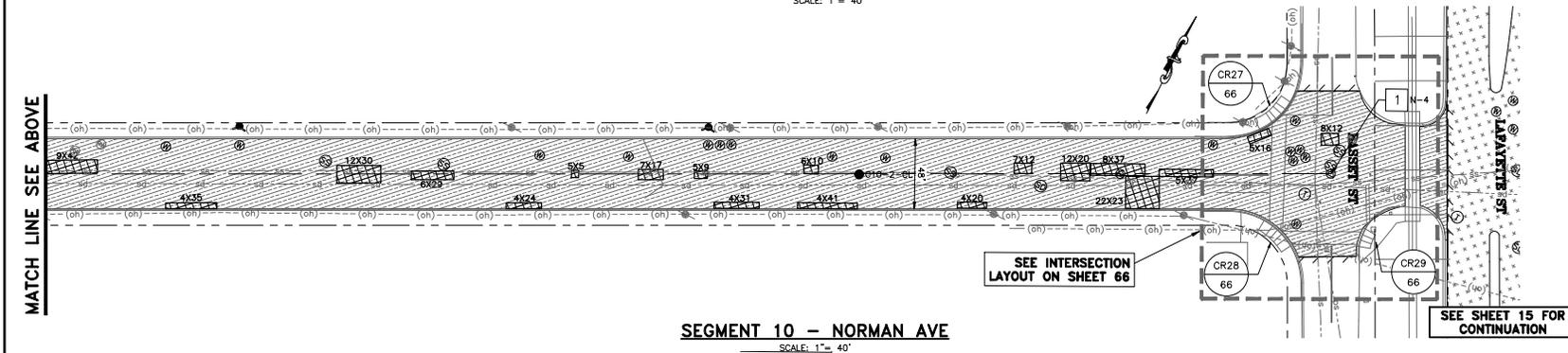


**LEGEND**

SYMBOL	ITEM DESCRIPTION
	SLURRY SEAL
	HMA MILL & FILL
	RHMA MILL & FILL W/ PAVING MAT
	FULL DEPTH AC RECONSTRUCTION
	DIGOUT
	ADJUST SSMH COVER TO GRADE
	ADJUST SDMH COVER TO GRADE
	FIRE HYDRANT
	ADJUST WW COVER TO GRADE
	EX MONUMENT IN ROUND BOX
	ADJUST MONUMENT BOX TO GRADE
	EX MONUMENT IN SQUARE BOX
	REPLACE NEW MONUMENT BOX

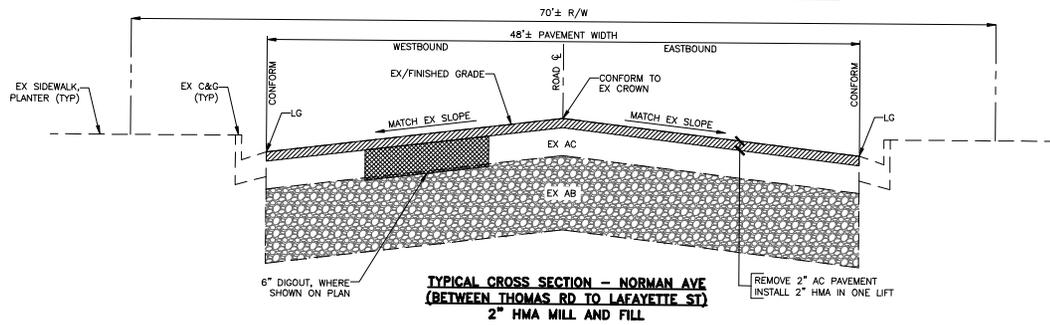
- PROJECT NOTES:**
- SEE SHEET 4 FOR MONUMENT PRESERVATION.
  - CONSTRUCT CURB AND GUTTER PER CITY STANDARD DETAIL ST-11.

SEE SHEET 3 FOR PAVEMENT IMPROVEMENT NOTES



MATCH LINE SEE ABOVE

MATCH LINE SEE BELOW



**CORING LOG**

CORE NO.	STREET NAME	EX AC (INCHES)	EX CONC (INCHES)	EX AB (INCHES)	R-VALUE
C10-1-CL	NORMAN AVE @ LEONARD CT	8.75	-	16.75	27
C10-2-CL	1202 NORMAN AVE @ EB	7.75	-	16	31

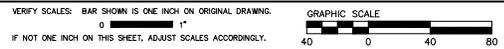
**CAUTION:**  
THERE ARE UNDERGROUND SVP ELECTRIC AND FIBER OPTIC FACILITIES IN THIS AREA MAY OR MAY NOT SHOWN ON PLANS. USE CAUTION WHEN PERFORMING DIGOUTS AND CORING IN THESE AREAS.



PROJECT No. CE	XX-XX-XX		
ACCOUNT No.	-		
DATE	NO.	REVISION	BY

**CITY OF SANTA CLARA**  
ENGINEERING DEPARTMENT  
2022 ANNUAL STREET MAINTENANCE AND REHABILITATION PROJECT  
**PAVEMENT IMPROVEMENT**  
SEGMENT 10: NORMAN AVE  
(FROM LAFAYETTE ST TO THOMAS RD)

APPROVED BY	TITLE
DATE	R.C.E. No.
DESIGNED BY DS	DATE
DRAWN BY EB/AA	TRACING No.
CHECKED BY MF	XX,XXX-X
AS BUILT BY	SHEET 24 OF 89





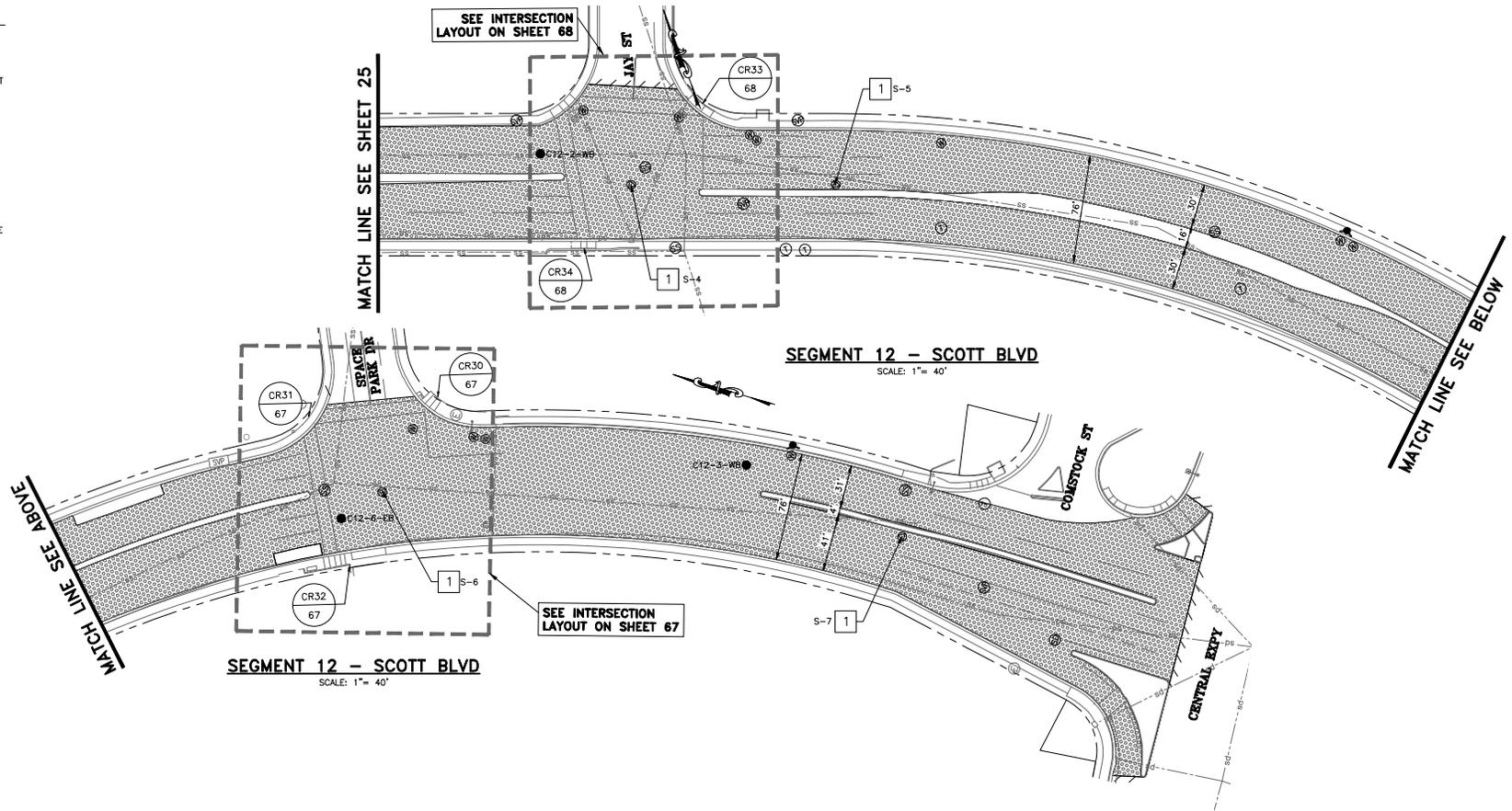
**LEGEND**

SYMBOL	ITEM DESCRIPTION
	SLURRY SEAL
	HMA MILL & FILL
	RHMA MILL & FILL W/ PAVING MAT
	FULL DEPTH AC RECONSTRUCTION
	DIGOUT
	ADJUST SSMH COVER TO GRADE
	ADJUST SDMH COVER TO GRADE
	FIRE HYDRANT
	ADJUST WV COVER TO GRADE
	EX MONUMENT IN ROUND BOX, ADJUST MONUMENT BOX TO GRADE
	EX MONUMENT IN SQUARE BOX, REPLACE NEW MONUMENT BOX

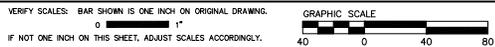
**PROJECT NOTES:**

- 1 SEE SHEET 4 FOR MONUMENT PRESERVATION.
- 2 CONSTRUCT CURB AND GUTTER PER CITY STANDARD DETAIL ST-11.

**SEE SHEET 3 FOR PAVEMENT IMPROVEMENT NOTES**



**CAUTION:**  
THERE ARE UNDERGROUND SVP ELECTRIC AND FIBER OPTIC FACILITIES IN THIS AREA MAY OR MAY NOT SHOWN ON PLANS. USE CAUTION WHEN PERFORMING DIGOUTS AND CORING IN THESE AREAS.



PROJECT No. CE	XX-XX-XX		
ACCOUNT No.	-		
DATE	NO.	REVISION	BY

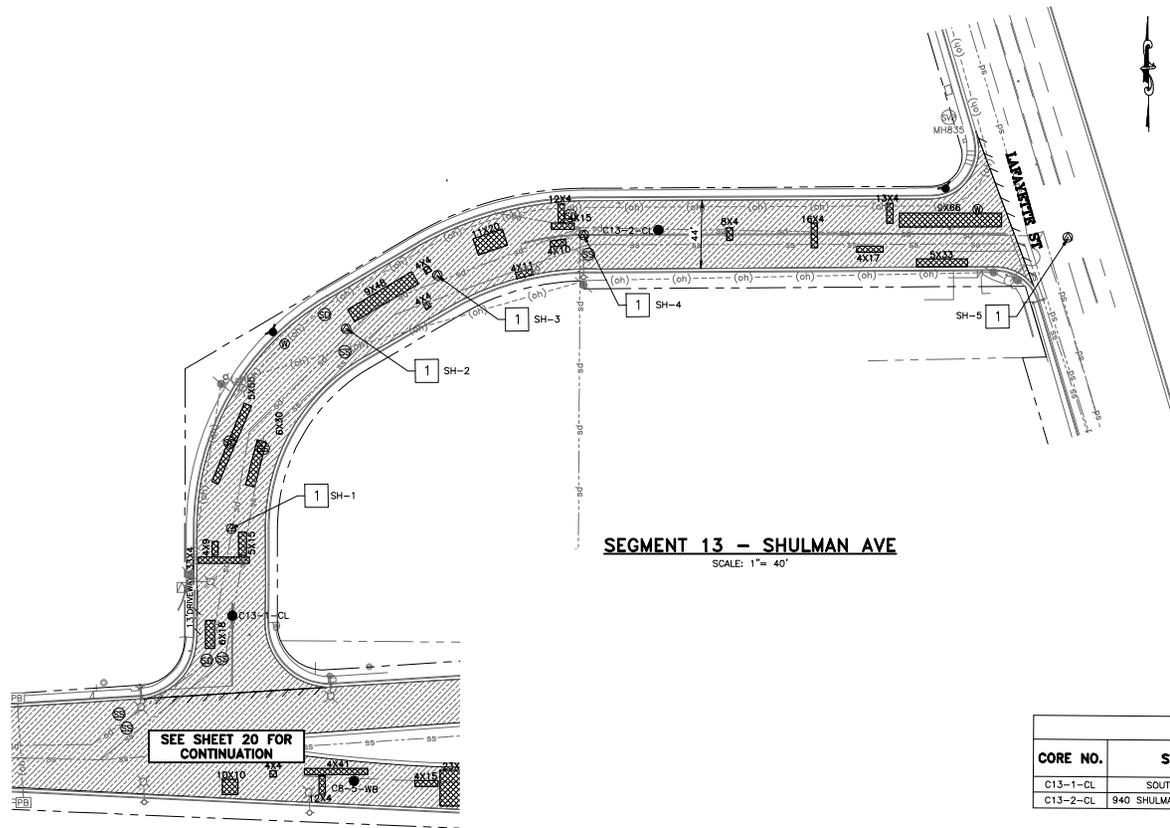
**CITY OF SANTA CLARA**  
ENGINEERING DEPARTMENT

2022 ANNUAL STREET MAINTENANCE AND REHABILITATION PROJECT

**PAVEMENT IMPROVEMENT**  
SEGMENT 12: SCOTT BLVD  
(FROM CENTRAL EXPY TO OLCOTT ST)

APPROVED BY		TITLE	
DATE	INITIAL	DATE	R.C.E. No.
DESIGNED BY	DS/-		
DRAWN BY	EB/AA		
CHECKED BY	MF		
AS BUILT BY	-		
TRACING No.			XX,XXX-X
SHEET			26 OF 89





**SEGMENT 13 - SHULMAN AVE**  
SCALE: 1" = 40'

**LEGEND**

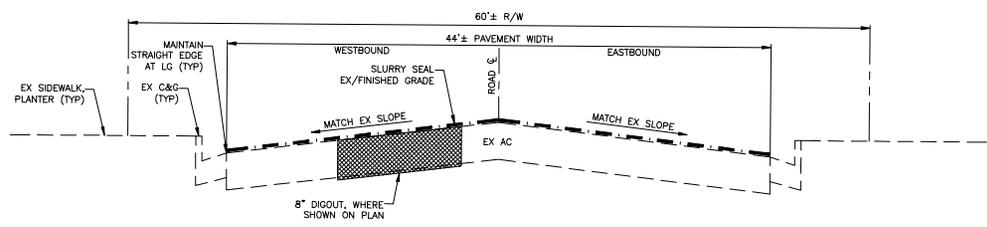
SYMBOL	ITEM DESCRIPTION
	SLURRY SEAL
	HMA MILL & FILL
	RHMA MILL & FILL W/ PAVING MAT
	FULL DEPTH AC RECONSTRUCTION
	DIGOUT
	ADJUST SSMH COVER TO GRADE
	ADJUST SDMH COVER TO GRADE
	FIRE HYDRANT
	ADJUST WV COVER TO GRADE
	EX MONUMENT IN ROUND BOX
	ADJUST MONUMENT BOX TO GRADE
	EX MONUMENT IN SQUARE BOX
	REPLACE NEW MONUMENT BOX

- PROJECT NOTES:**
- SEE SHEET 4 FOR MONUMENT PRESERVATION.
  - CONSTRUCT CURB AND GUTTER PER CITY STANDARD DETAIL ST-11.

**SEE SHEET 3 FOR PAVEMENT IMPROVEMENT NOTES**

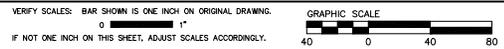
**CORING LOG**

CORE NO.	STREET NAME	EX AC (INCHES)	EX CONC (INCHES)	EX AB (INCHES)	R-VALUE
C13-1-CL	SOUTH OF SHULMAN AVE	8.25	-	-	-
C13-2-CL	940 SHULMAN, WEST OF LAFAYETTE ST	7.00	-	-	-



**TYPICAL CROSS SECTION - SHULMAN AVE**  
**(BETWEEN MEMOREX DR AND LAFAYETTE ST)**  
**SLURRY SEAL**

**CAUTION:**  
THERE ARE UNDERGROUND SVP ELECTRIC AND FIBER OPTIC FACILITIES IN THIS AREA MAY OR MAY NOT SHOWN ON PLANS. USE CAUTION WHEN PERFORMING DIGOUTS AND CORING IN THESE AREAS.



PROJECT No. CE	XX-XX-XX		
ACCOUNT No.	-		
DATE	NO.	REVISION	BY

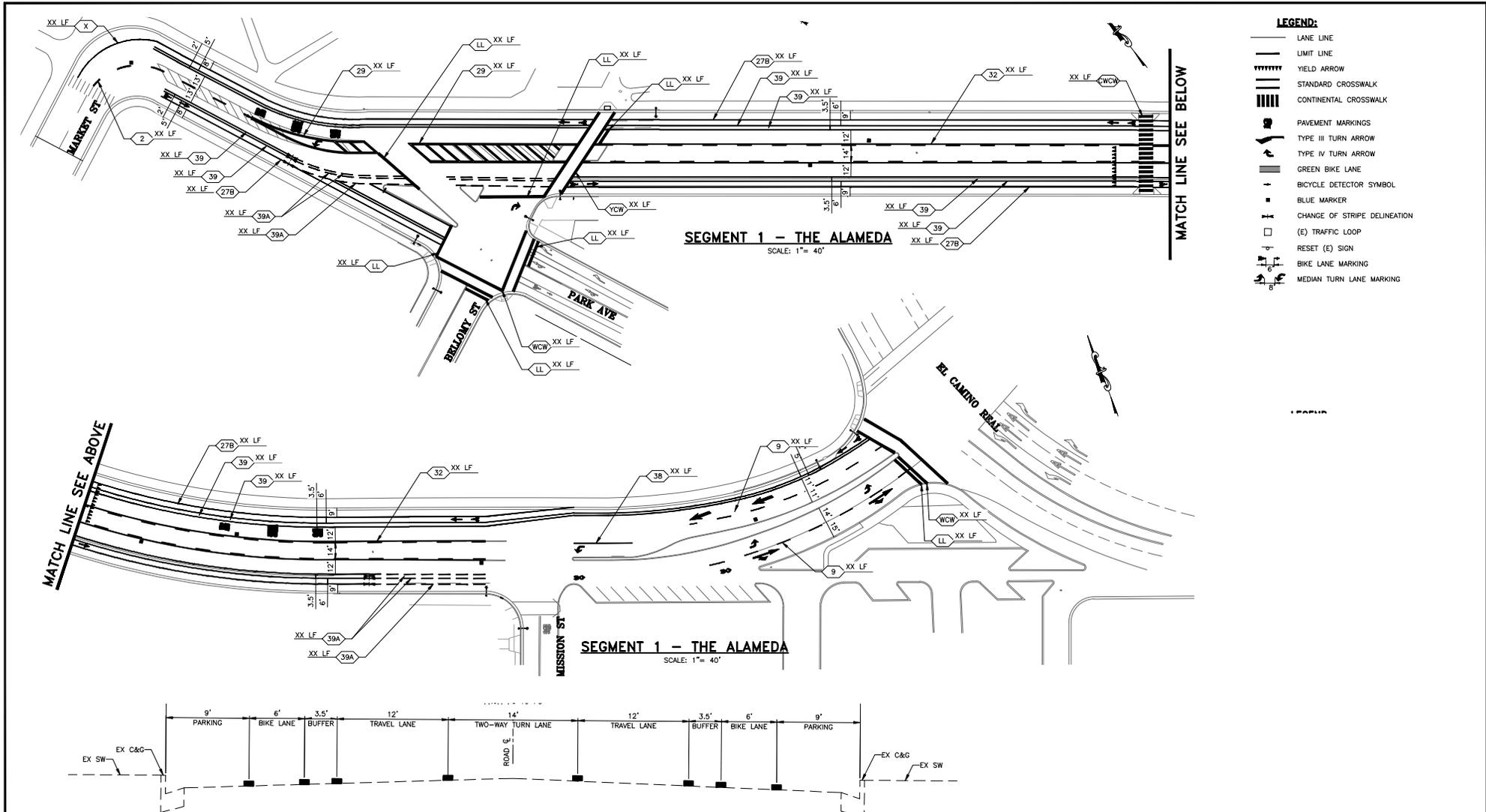
**CITY OF SANTA CLARA**  
ENGINEERING DEPARTMENT

2022 ANNUAL STREET MAINTENANCE AND REHABILITATION PROJECT

**PAVEMENT IMPROVEMENT**  
**SEGMENT 13: SHULMAN AVE**  
**(FROM MEMOREX LN TO LAFAYETTE ST)**

APPROVED BY		TITLE	
DATE	INITIAL	DATE	R.C.E. No.
DESIGNED BY	DS/-		
DRAWN BY	EB/AA		
CHECKED BY	MF		
AS BUILT BY	-		
TRACING No.			XXX,XXX-X
SHEET			27 OF 89

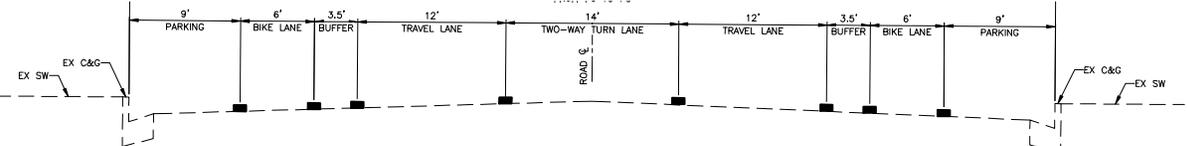




- LEGEND:**
- LANE LINE
  - LIMIT LINE
  - ▤ YIELD ARROW
  - ▤ STANDARD CROSSWALK
  - ▤ CONTINENTAL CROSSWALK
  - ▤ PAVEMENT MARKINGS
  - ▤ TYPE III TURN ARROW
  - ▤ TYPE IV TURN ARROW
  - ▤ GREEN BIKE LANE
  - ▤ BICYCLE DETECTOR SYMBOL
  - ▤ BLUE MARKER
  - ▤ CHANGE OF STRIPE DELINEATION
  - ▤ (E) TRAFFIC LOOP
  - ▤ RESET (E) SIGN
  - ▤ BIKE LANE MARKING
  - ▤ MEDIAN TURN LANE MARKING

**SEGMENT 1 - THE ALAMEDA**  
SCALE: 1" = 40'

**SEGMENT 1 - THE ALAMEDA**  
SCALE: 1" = 40'



**TYPICAL STRIPING CROSS SECTION - SEGMENT 1: THE ALAMEDA**  
(FROM MARKET ST TO EL CAMINO REAL)

- LEGEND:**
- ▤ STRIPE LEGEND, PER PLAN



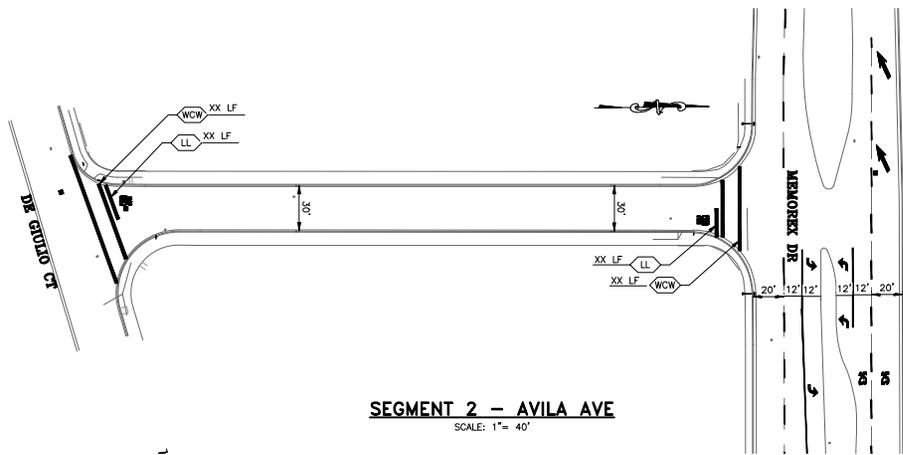
VERIFY SCALES: BAR SHOWN IS ONE INCH ON ORIGINAL DRAWING.  
0 1"  
IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY.



PROJECT No. CE	XX-XX-XX		
ACCOUNT No.	-		
DATE	NO.	REVISION	BY

**CITY OF SANTA CLARA**  
ENGINEERING DEPARTMENT  
2022 ANNUAL STREET MAINTENANCE AND REHABILITATION PROJECT  
**SIGNING AND STRIPING PLAN**  
SEGMENT 1: THE ALAMEDA  
(FROM MARKET ST TO EL CAMINO REAL)

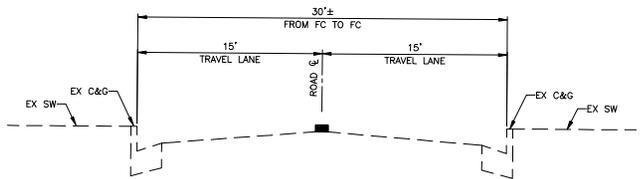
APPROVED BY	TITLE
DATE	R.C.E. No.
DESIGNED BY DS	DATE / / 22
DRAWN BY EB/AA	DATE / / 22
CHECKED BY MF	DATE / / 22
AS BUILT BY	DATE / / 22
TRACING No.	XXX,XXX-X
SHEET	28 OF 89



SEE MEMOREX DR  
SIGNING AND STRIPING  
PLAN ON SHEET 42.

**SEGMENT 2 - AVILA AVE**  
SCALE: 1" = 40'

- LEGEND:**
- LANE LINE
  - LIMIT LINE
  - ||||| YIELD ARROW
  - ||||| STANDARD CROSSWALK
  - ||||| CONTINENTAL CROSSWALK
  - PAVEMENT MARKINGS
  - TYPE III TURN ARROW
  - TYPE IV TURN ARROW
  - GREEN BIKE LANE
  - BICYCLE DETECTOR SYMBOL
  - BLUE MARKER
  - CHANGE OF STRIPE DELINEATION
  - (E) TRAFFIC LOOP
  - RESET (E) SIGN
  - BIKE LANE MARKING
  - MEDIAN TURN LANE MARKING



**TYPICAL STRIPING CROSS SECTION - SEGMENT 2: AVILA AVENUE**  
(FROM MEMOREX DR TO DI GIULIO AVE)  
N.T.S.

- LEGEND:**
- STRIPE LEGEND, PER PLAN



VERIFY SCALES: BAR SHOWN IS ONE INCH ON ORIGINAL DRAWING.  
0 1"  
IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY.



PROJECT No. CE	XX-XX-XX		
ACCOUNT No.	-		
DATE	No.	REVISION	BY

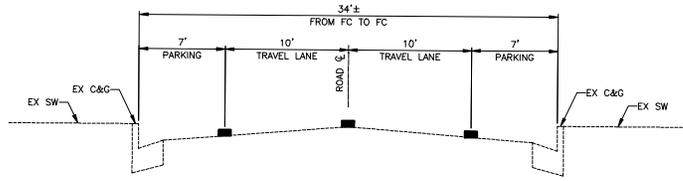
**CITY OF SANTA CLARA**  
ENGINEERING DEPARTMENT  
2022 ANNUAL STREET MAINTENANCE  
AND REHABILITATION PROJECT  
**SIGNING AND STRIPING PLAN**  
SEGMENT 2: AVILA AVE.  
(FROM MEMOREX DR TO DI GIULIO AVE)

APPROVED BY		TITLE	
DATE	INITIAL	DATE	R.C.E. No.
DESIGNED BY DS	/ / 22	DATE	Survey No.
DRAWN BY EB/AA	/ / 22	DATE	TRACING No.
CHECKED BY MF	/ / 22	DATE	XXX,XXX-X
AS BUILT BY	-	DATE	SHEET 29 OF 89

SEE SHEET 42 FOR CONTINUATION

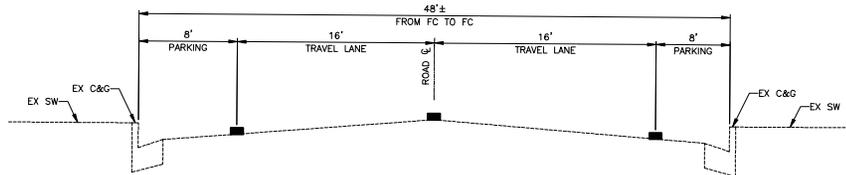
MEMOREX DR

RONALD AVE  
 SEGMENT 11 - RONALD AVE  
 SCALE: 1" = 40'



TYPICAL STRIPING CROSS SECTION - SEGMENT 3: DI GIULIO AVENUE  
 (FROM LAFAYETTE ST TO AVILA AVE)  
 N.L.S.

LEGEND:  
 ■ STRIPE LEGEND, PER PLAN



TYPICAL STRIPING CROSS SECTION - SEGMENT 3: DI GIULIO AVENUE  
 (FROM AVILA AVE TO RONALD ST)  
 N.L.S.

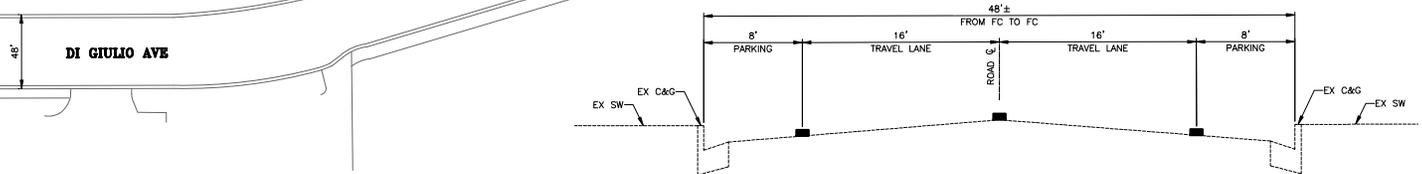
LEGEND:  
 ■ STRIPE LEGEND, PER PLAN

SEE SHEET 29 FOR CONTINUATION

AVILA AVE

DI GIULIO CT

LAFAYETTE ST



TYPICAL STRIPING CROSS SECTION - SEGMENT 11: RONALD AVENUE  
 (FROM MEMOREX DR TO DI GIULIO AVE)  
 N.L.S.

LEGEND:  
 ■ STRIPE LEGEND, PER PLAN

- LEGEND:**
- LANE LINE
  - LIMIT LINE
  - ▬▬▬ YIELD ARROW
  - ▬▬▬ STANDARD CROSSWALK
  - ▬▬▬ CONTINENTAL CROSSWALK
  - ▬▬▬ PAVEMENT MARKINGS
  - ▬▬▬ TYPE III TURN ARROW
  - ▬▬▬ TYPE IV TURN ARROW
  - ▬▬▬ GREEN BIKE LANE
  - ▬▬▬ BICYCLE DETECTOR SYMBOL
  - ▬▬▬ BLUE MARKER
  - ▬▬▬ CHANGE OF STRIPE DELINEATION
  - ▬▬▬ (E) TRAFFIC LOOP
  - ▬▬▬ RESET (E) SIGN
  - ▬▬▬ BIKE LANE MARKING
  - ▬▬▬ MEDIAN TURN LANE MARKING

SEGMENT 3 - DI GIULIO AVE  
 SCALE: 1" = 40'



VERIFY SCALES: BAR SHOWN IS ONE INCH ON ORIGINAL DRAWING.  
 0 1"  
 IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY.



PROJECT No. CE	XX-XX-XX
ACCOUNT No.	-
DATE	No. REVISION BY

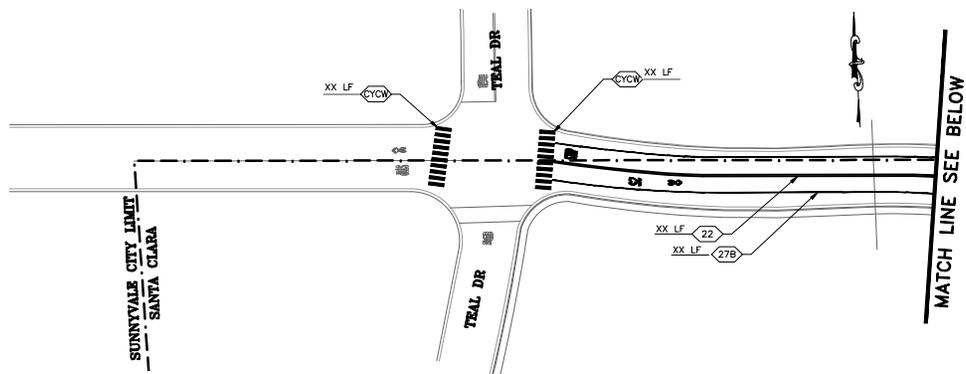
**CITY OF SANTA CLARA**  
 ENGINEERING DEPARTMENT  
 2022 ANNUAL STREET MAINTENANCE AND REHABILITATION PROJECT  
**SIGNING AND STRIPING PLAN**  
 SEGMENT 3: DI GIULIO AVE.  
 SEGMENT 11: RONALD AVE.

APPROVED BY	TITLE	DATE	R.C.E. No.
DESIGNED BY	DS	11/22	Survey No.
DRAWN BY	EB/AA	11/22	
CHECKED BY	MF	11/22	
AS BUILT BY	-	-	

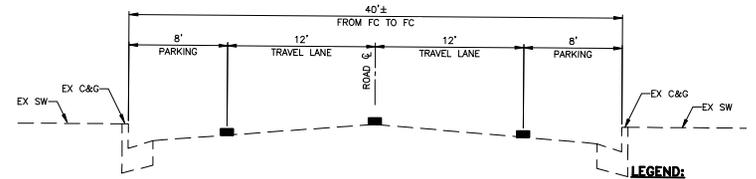
TRACING No. **XX,XXX-X**  
 SHEET **30** OF **89**

**LEGEND:**

- LANE LINE
- LIMIT LINE
- ||||| YIELD ARROW
- ||||| STANDARD CROSSWALK
- ||||| CONTINENTAL CROSSWALK
- PAVEMENT MARKINGS
- TYPE III TURN ARROW
- TYPE IV TURN ARROW
- GREEN BIKE LANE
- BICYCLE DETECTOR SYMBOL
- BLUE MARKER
- CHANGE OF STRIPE DELINEATION
- (E) TRAFFIC LOOP
- RESET (E) SIGN
- BIKE LANE MARKING
- MEDIAN TURN LANE MARKING

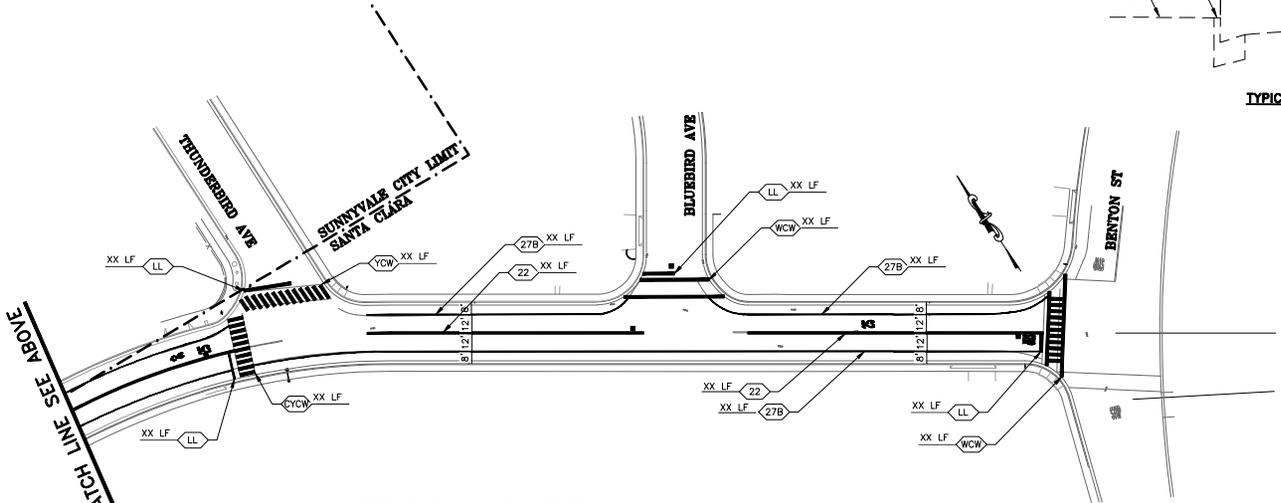


**SEGMENT 4 - DUNFORD WAY**  
SCALE: 1" = 40'



**TYPICAL STRIPING CROSS SECTION - SEGMENT 4: DUNFORD WAY**  
(FROM SUNNYVALE CITY LIMITS TO BENTON ST)  
N.T.S.

**LEGEND:**  
■ STRIPE LEGEND, PER PLAN



**SEGMENT 4 - DUNFORD WY**  
SCALE: 1" = 40'



Know what's below.  
Call before you dig.

VERIFY SCALES: BAR SHOWN IS ONE INCH ON ORIGINAL DRAWING.  
0 1"  
IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY.



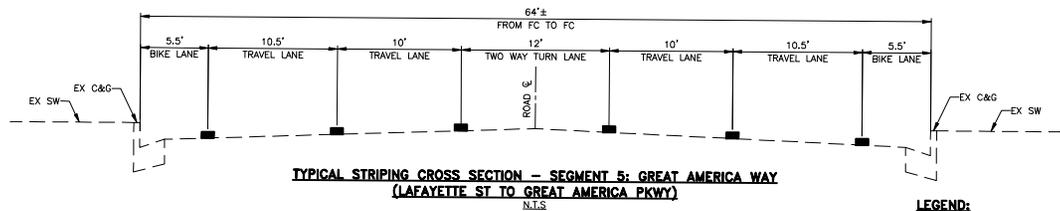
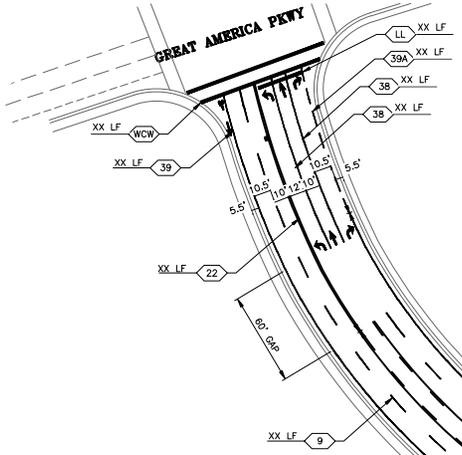
Prepared by: **CSG CONSULTANTS**  
Employee - Owned

Designer Stamp: **REGISTERED PROFESSIONAL ENGINEER**  
No. C 55550  
CIVIL  
STATE OF CALIFORNIA

PROJECT No. CE	XX-XX-XX
ACCOUNT No.	-
DATE	No. REVISION BY

**CITY OF SANTA CLARA**  
ENGINEERING DEPARTMENT  
2022 ANNUAL STREET MAINTENANCE AND REHABILITATION PROJECT  
**SIGNING AND STRIPING PLAN**  
SEGMENT 4: DUNFORD WY.  
(FROM SUNNYVALE CITY LIMIT TO BENTON ST)

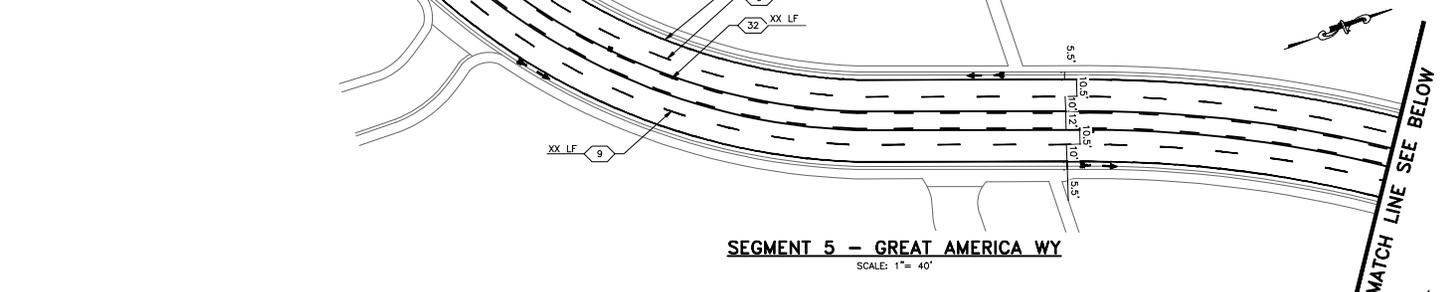
APPROVED BY		TITLE	
DATE	INITIAL	DATE	R.C.E. No.
DESIGNED BY DS	/ / 22	DATE	Survey No.
DRAWN BY EB/AA	/ / 22	TRACING No.	XXX,XXX-X
CHECKED BY MF	/ / 22	SHEET	31 OF 89
AS BUILT BY	-		



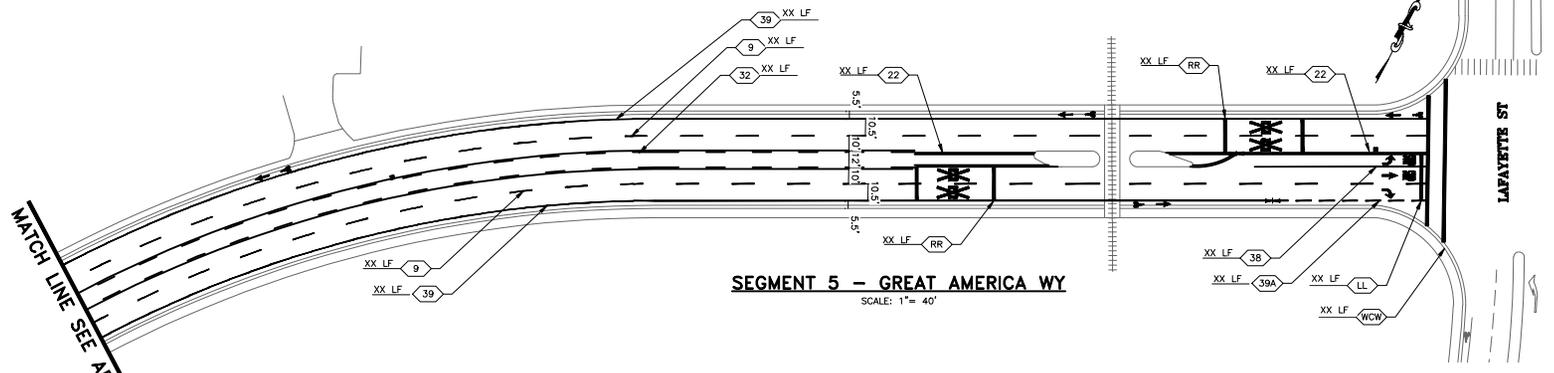
**TYPICAL STRIPING CROSS SECTION - SEGMENT 5: GREAT AMERICA WAY (LAFAYETTE ST TO GREAT AMERICA PKWY)**  
N.L.S.

**LEGEND:**  
■ STRIPE LEGEND, PER PLAN

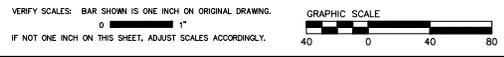
- LEGEND:**
- LANE LINE
  - LIMIT LINE
  - ||||| YIELD ARROW
  - ||||| STANDARD CROSSWALK
  - ||||| CONTINENTAL CROSSWALK
  - PAVEMENT MARKINGS
  - TYPE III TURN ARROW
  - TYPE IV TURN ARROW
  - GREEN BIKE LANE
  - BICYCLE DETECTOR SYMBOL
  - BLUE MARKER
  - CHANGE OF STRIPE DELINEATION
  - (E) TRAFFIC LOOP
  - RESET (E) SIGN
  - BIKE LANE MARKING
  - MEDIAN TURN LANE MARKING



**SEGMENT 5 - GREAT AMERICA WY**  
SCALE: 1" = 40'



**SEGMENT 5 - GREAT AMERICA WY**  
SCALE: 1" = 40'



Prepared by:

Employee - Owned

Designer Stamp:

PROJECT No. CE	XX-XX-XX
ACCOUNT No.	-
DATE	No. REVISION BY

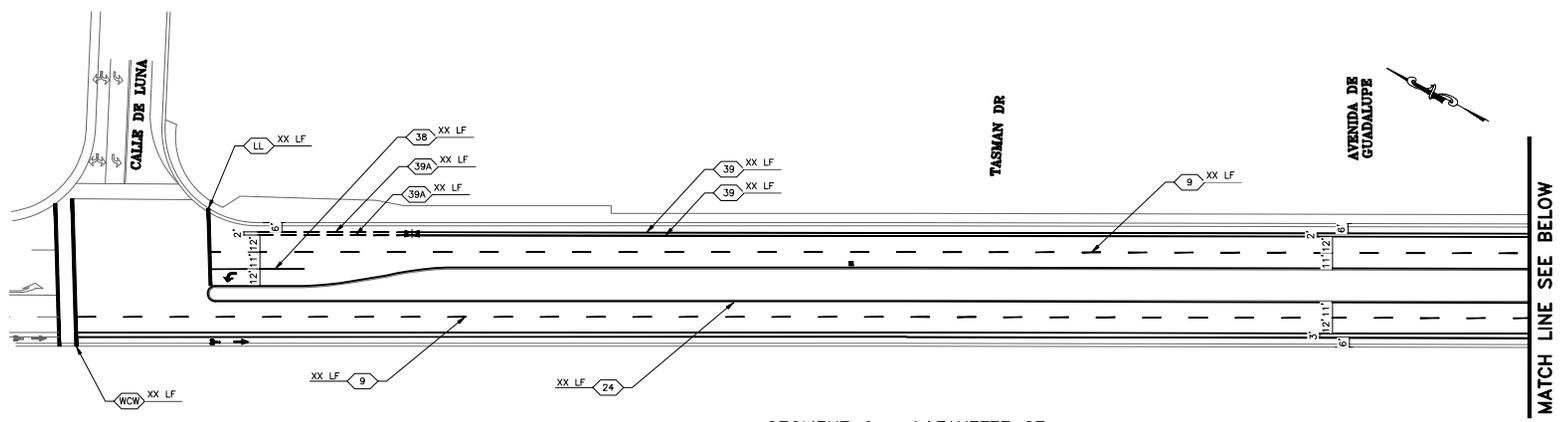
**CITY OF SANTA CLARA**  
ENGINEERING DEPARTMENT

2022 ANNUAL STREET MAINTENANCE AND REHABILITATION PROJECT

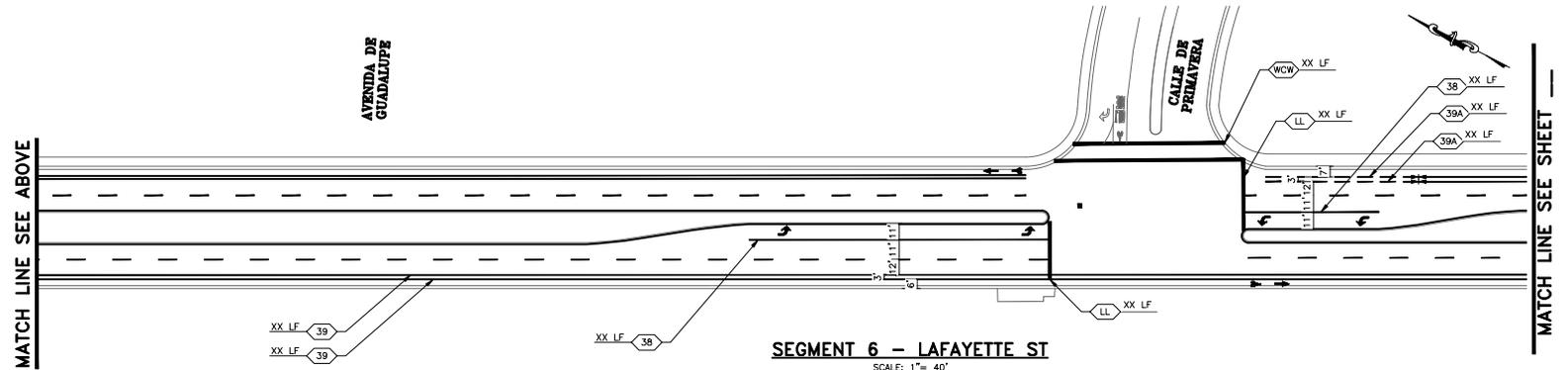
**SIGNING AND STRIPING PLAN**  
SEGMENT 5: GREAT AMERICA WY  
(FROM LAFAYETTE ST TO GREAT AMERICA PKWY)

APPROVED BY	TITLE
DATE	R.C.E. No.
DESIGNED BY DS	DATE / / 22
DRAWN BY EB/AA	DATE / / 22
CHECKED BY MF	DATE / / 22
AS BUILT BY	DATE / / 22
TRACING No.	XX,XXX-X
SHEET	32 OF 89

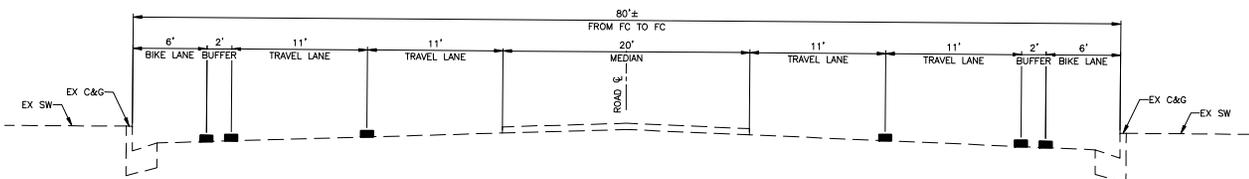
- LEGEND:**
- LANE LINE
  - LIMIT LINE
  - ||||| YIELD ARROW
  - ||||| STANDARD CROSSWALK
  - ||||| CONTINENTAL CROSSWALK
  - PAVEMENT MARKINGS
  - TYPE III TURN ARROW
  - TYPE IV TURN ARROW
  - GREEN BIKE LANE
  - BICYCLE DETECTOR SYMBOL
  - BLUE MARKER
  - CHANGE OF STRIPE DELINEATION
  - (E) TRAFFIC LOOP
  - RESET (E) SIGN
  - BIKE LANE MARKING
  - MEDIAN TURN LANE MARKING



**SEGMENT 6 - LAFAYETTE ST**  
SCALE: 1" = 40'



**SEGMENT 6 - LAFAYETTE ST**  
SCALE: 1" = 40'



**TYPICAL STRIPING CROSS SECTION - SEGMENT 6: LAFAYETTE STREET**  
(FROM AGNEW RD TO CALLE DE LUNA)  
N.T.S.

- LEGEND:**
- STRIPE LEGEND, PER PLAN



VERIFY SCALES: BAR SHOWN IS ONE INCH ON ORIGINAL DRAWING.  
0 1"  
IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY.



PROJECT No. CE	XX-XX-XX		
ACCOUNT No.	-		
DATE	No.	REVISION	BY

**CITY OF SANTA CLARA**  
ENGINEERING DEPARTMENT  
2022 ANNUAL STREET MAINTENANCE AND REHABILITATION PROJECT  
**SIGNING AND STRIPING PLAN**  
SEGMENT 6: LAFAYETTE ST  
(FROM ALDO AVE TO CALLE DE LUNA)

APPROVED BY	TITLE	R.C.E. No.
DATE	DATE	Survey No.
DESIGNED BY DS	DATE / / 22	TRACING No.
DRAWN BY EB/AA	DATE / / 22	XXX,XXX-X
CHECKED BY MF	DATE / / 22	SHEET 33 OF 89
AS BUILT BY	DATE	

MATCH LINE SEE SHEET 33

MATCH LINE SEE BELOW

SEGMENT 6 - LAFAYETTE ST  
SCALE: 1" = 40'

MATCH LINE SEE ABOVE

MATCH LINE SEE SHEET 35

SEGMENT 6 - LAFAYETTE ST  
SCALE: 1" = 40'

- LEGEND:**
- LANE LINE
  - LIMIT LINE
  - ▤ YIELD ARROW
  - ▤ STANDARD CROSSWALK
  - ▤ CONTINENTAL CROSSWALK
  - ▤ PAVEMENT MARKINGS
  - ▤ TYPE III TURN ARROW
  - ▤ TYPE IV TURN ARROW
  - ▤ GREEN BIKE LANE
  - ▤ BICYCLE DETECTOR SYMBOL
  - ▤ BLUE MARKER
  - ▤ CHANGE OF STRIPE DELINEATION
  - ▤ (E) TRAFFIC LOOP
  - ▤ RESET (E) SIGN
  - ▤ BIKE LANE MARKING
  - ▤ MEDIAN TURN LANE MARKING



Know what's below.  
Call before you dig.

VERIFY SCALES: BAR SHOWN IS ONE INCH ON ORIGINAL DRAWING.  
0 1"  
IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY.



PROJECT No. CE	XX-XX-XX
ACCOUNT No.	-
DATE	No. REVISION BY

**CITY OF SANTA CLARA**  
ENGINEERING DEPARTMENT  
2022 ANNUAL STREET MAINTENANCE  
AND REHABILITATION PROJECT  
**SIGNING AND STRIPING PLAN**  
SEGMENT 6: LAFAYETTE ST  
(FROM ALDO AVE TO CALLE DE LUNA)

APPROVED BY	TITLE
DATE	R.C.E. No.
DESIGNED BY DS	DATE / / 22
DRAWN BY EB/AA	DATE / / 22
CHECKED BY MF	DATE / / 22
AS BUILT BY	DATE / / 22
TRACING No.	XX,XXX-X
SHEET	34 OF 89

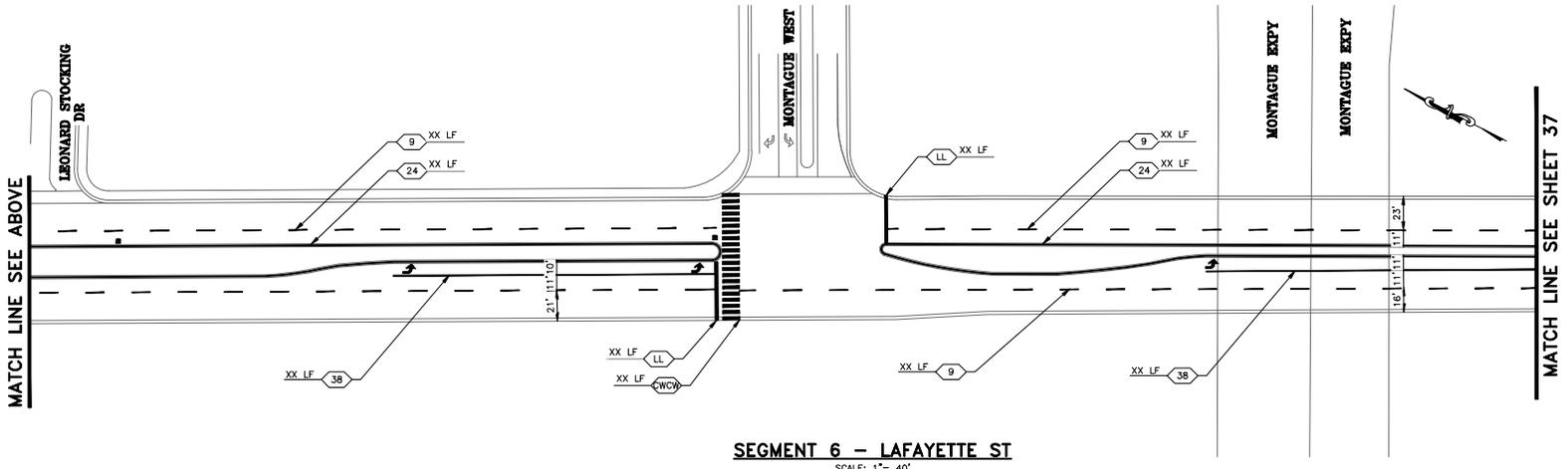


MATCH LINE SEE SHEET 35

MATCH LINE SEE BELOW

- LEGEND:**
- LANE LINE
  - LIMIT LINE
  - ▄ YIELD ARROW
  - ▄▄▄▄ STANDARD CROSSWALK
  - ▄▄▄▄ CONTINENTAL CROSSWALK
  - ▄ PAVEMENT MARKINGS
  - ▄ TYPE III TURN ARROW
  - ▄ TYPE IV TURN ARROW
  - ▄ GREEN BIKE LANE
  - ▄ BICYCLE DETECTOR SYMBOL
  - ▄ BLUE MARKER
  - ▄ CHANGE OF STRIPE DELINEATION
  - (E) TRAFFIC LOOP
  - ▄ RESET (E) SIGN
  - ▄ BIKE LANE MARKING
  - ▄ MEDIAN TURN LANE MARKING

**SEGMENT 6 - LAFAYETTE ST**  
SCALE: 1" = 40'



**SEGMENT 6 - LAFAYETTE ST**  
SCALE: 1" = 40'



Know what's below.  
Call before you dig.

VERIFY SCALES: BAR SHOWN IS ONE INCH ON ORIGINAL DRAWING.  
0 1"  
IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY.



Prepared by

Employee - Owned

Designer Stamp

PROJECT No.	CE	XX-XX-XX
ACCOUNT No.	-	
DATE	No.	REVISION

**CITY OF SANTA CLARA**  
ENGINEERING DEPARTMENT

2022 ANNUAL STREET MAINTENANCE AND REHABILITATION PROJECT

**SIGNING AND STRIPING PLAN**  
SEGMENT 6: LAFAYETTE ST  
(FROM ALDO AVE TO CALLE DE LUNA)

APPROVED BY	TITLE	
DATE	R.C.E. No.	
DESIGNED BY	DS	11/22
DRAWN BY	EB/AA	11/22
CHECKED BY	MF	11/22
AS BUILT BY	-	-
TRACING No.	XX,XXX-X	
SHEET	36	OF 89

MATCH LINE SEE SHEET 36

MATCH LINE SEE BELOW

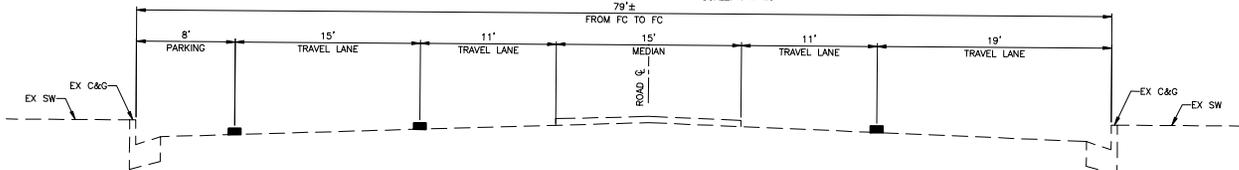
- LEGEND:**
- LANE LINE
  - LIMIT LINE
  - ▤ YIELD ARROW
  - ▤ STANDARD CROSSWALK
  - ▤ CONTINENTAL CROSSWALK
  - ▤ PAVEMENT MARKINGS
  - ▤ TYPE III TURN ARROW
  - ▤ TYPE IV TURN ARROW
  - ▤ GREEN BIKE LANE
  - ▤ BICYCLE DETECTOR SYMBOL
  - ▤ BLUE MARKER
  - ▤ CHANGE OF STRIPE DELINEATION
  - ▤ (E) TRAFFIC LOOP
  - ▤ RESET (E) SIGN
  - ▤ BIKE LANE MARKING
  - ▤ MEDIAN TURN LANE MARKING

**SEGMENT 6 - LAFAYETTE ST**  
SCALE: 1" = 40'

MATCH LINE SEE ABOVE

MATCH LINE SEE SHEET 38

**SEGMENT 6 - LAFAYETTE ST**  
SCALE: 1" = 40'



**TYPICAL STRIPING CROSS SECTION - SEGMENT 6: LAFAYETTE STREET**  
(FROM ALDO AVE TO CLYDE AVE)  
N.T.S.

- LEGEND:**
- ▤ STRIPE LEGEND, PER PLAN



VERIFY SCALES: BAR SHOWN IS ONE INCH ON ORIGINAL DRAWING.  
0 1"  
IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY.



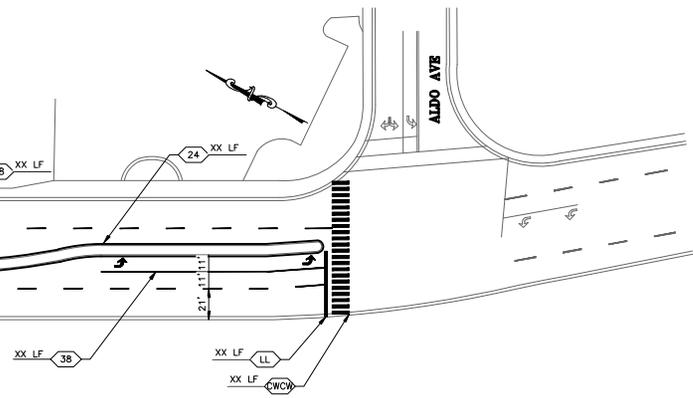
PROJECT No. CE	XX-XX-XX
ACCOUNT No.	-
DATE	No. REVISION BY

**CITY OF SANTA CLARA**  
ENGINEERING DEPARTMENT  
2022 ANNUAL STREET MAINTENANCE AND REHABILITATION PROJECT  
**SIGNING AND STRIPING PLAN**  
SEGMENT 6: LAFAYETTE ST  
(FROM ALDO AVE TO CALLE DE LUNA)

APPROVED BY	TITLE	DATE	R.C.E. No.
DESIGNED BY	DS/AA	DATE	Survey No.
DRAWN BY	EB/AA	DATE	
CHECKED BY	MF	DATE	
AS BUILT BY	-	-	

TRACING No. **XXX,XXX-X**  
SHEET **37** OF **89**

MATCH LINE SEE SHEET 37



- LEGEND:**
- LANE LINE
  - LIMIT LINE
  - ▤ YIELD ARROW
  - ▤ STANDARD CROSSWALK
  - ▤ CONTINENTAL CROSSWALK
  - ▤ PAVEMENT MARKINGS
  - ▤ TYPE III TURN ARROW
  - ▤ TYPE IV TURN ARROW
  - ▤ GREEN BIKE LANE
  - ▤ BICYCLE DETECTOR SYMBOL
  - ▤ BLUE MARKER
  - ▤ CHANGE OF STRIPE DELINEATION
  - ▤ (E) TRAFFIC LOOP
  - ▤ RESET (E) SIGN
  - ▤ BIKE LANE MARKING
  - ▤ MEDIAN TURN LANE MARKING

**SEGMENT 6 – LAFAYETTE ST**  
SCALE: 1" = 40'



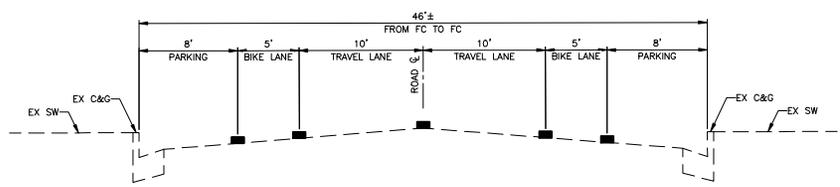
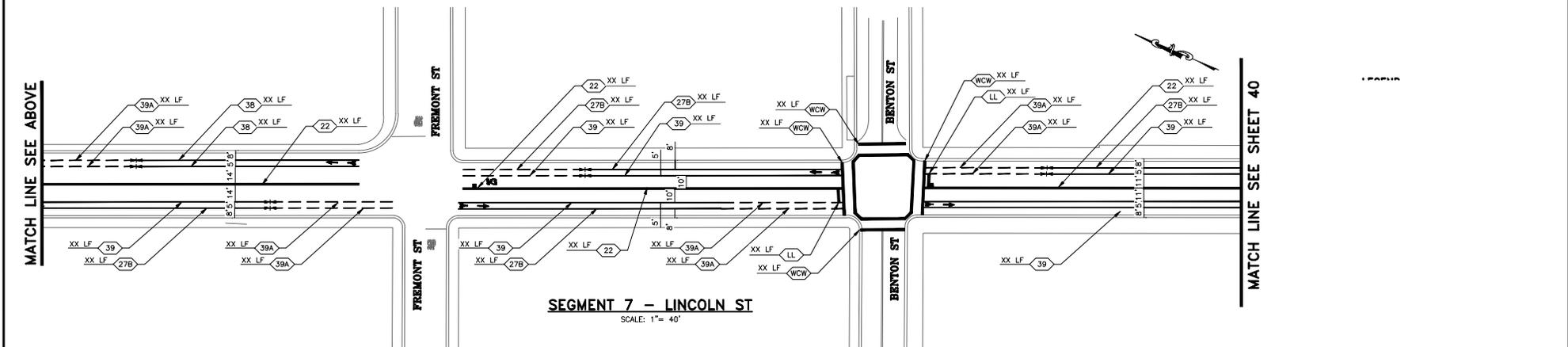
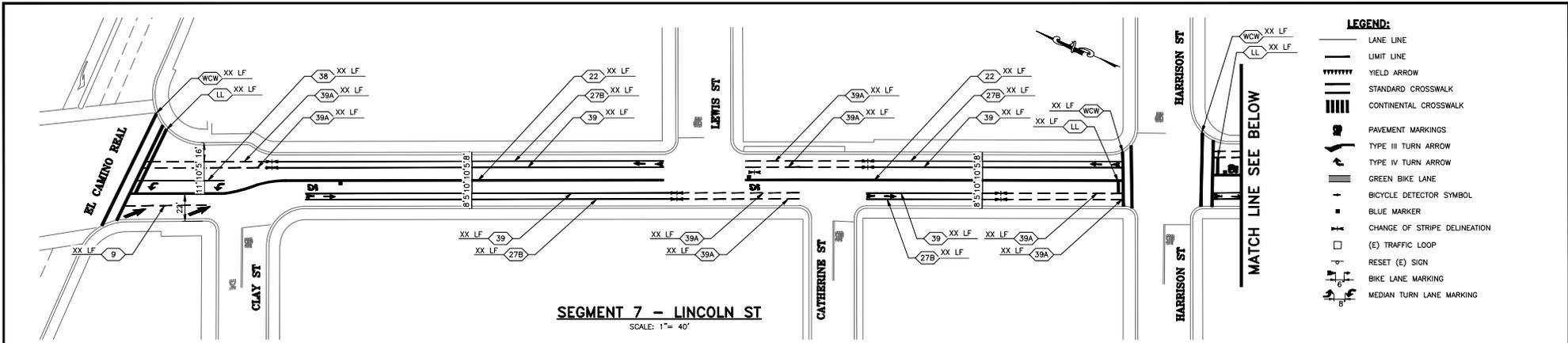
VERIFY SCALES: BAR SHOWN IS ONE INCH ON ORIGINAL DRAWING.  
0 1"  
IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY.



PROJECT No.	CE	XX-XX-XX
ACCOUNT No.	-	
DATE	No.	REVISION

**CITY OF SANTA CLARA**  
ENGINEERING DEPARTMENT  
**2022 ANNUAL STREET MAINTENANCE AND REHABILITATION PROJECT**  
**SIGNING AND STRIPING PLAN**  
**SEGMENT 6: LAFAYETTE ST**  
**(FROM ALDO AVE TO CALLE DE LUNA)**

APPROVED BY		DATE	R.C.E. No.
TITLE		DATE	Survey No.
DESIGNED BY	DS/	11/22	TRACING No.
DRAWN BY	EB/AA	11/22	XXX,XXX-X
CHECKED BY	MF	11/22	SHEET 38 OF 89
AS BUILT BY	-	-	



**TYPICAL STRIPING CROSS SECTION - SEGMENT 7: LINCOLN BLVD**  
 (FROM EL CAMINO REAL TO HOMESTEAD RD)  
 N.T.S.

**LEGEND:**  
 ■ STRIPE LEGEND, PER PLAN



VERIFY SCALES: BAR SHOWN IS ONE INCH ON ORIGINAL DRAWING.  
 0 1" 1"  
 IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY.



PROJECT No. CE	XX-XX-XX
ACCOUNT No.	-
DATE	No. REVISION BY

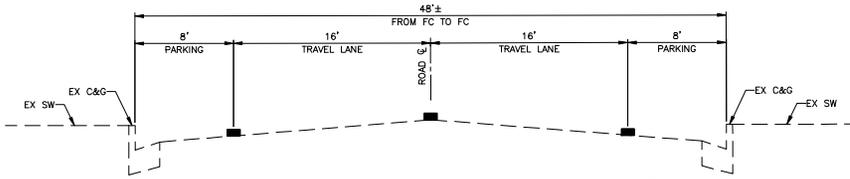
**CITY OF SANTA CLARA**  
 ENGINEERING DEPARTMENT  
 2022 ANNUAL STREET MAINTENANCE  
 AND REHABILITATION PROJECT  
**SIGNING AND STRIPING PLAN**  
 SEGMENT 7: LINCOLN ST  
 (FROM EL CAMINO REAL TO HOMESTEAD RD)

APPROVED BY	TITLE	R.C.E. No.
DATE	DATE	Survey No.
DESIGNED BY DS	DATE	TRACING No.
DRAWN BY EB/AA	DATE	XX,XXX-X
CHECKED BY MF	DATE	SHEET 39 OF 89
AS BUILT BY	DATE	



MATCH LINE SEE SHEET 42

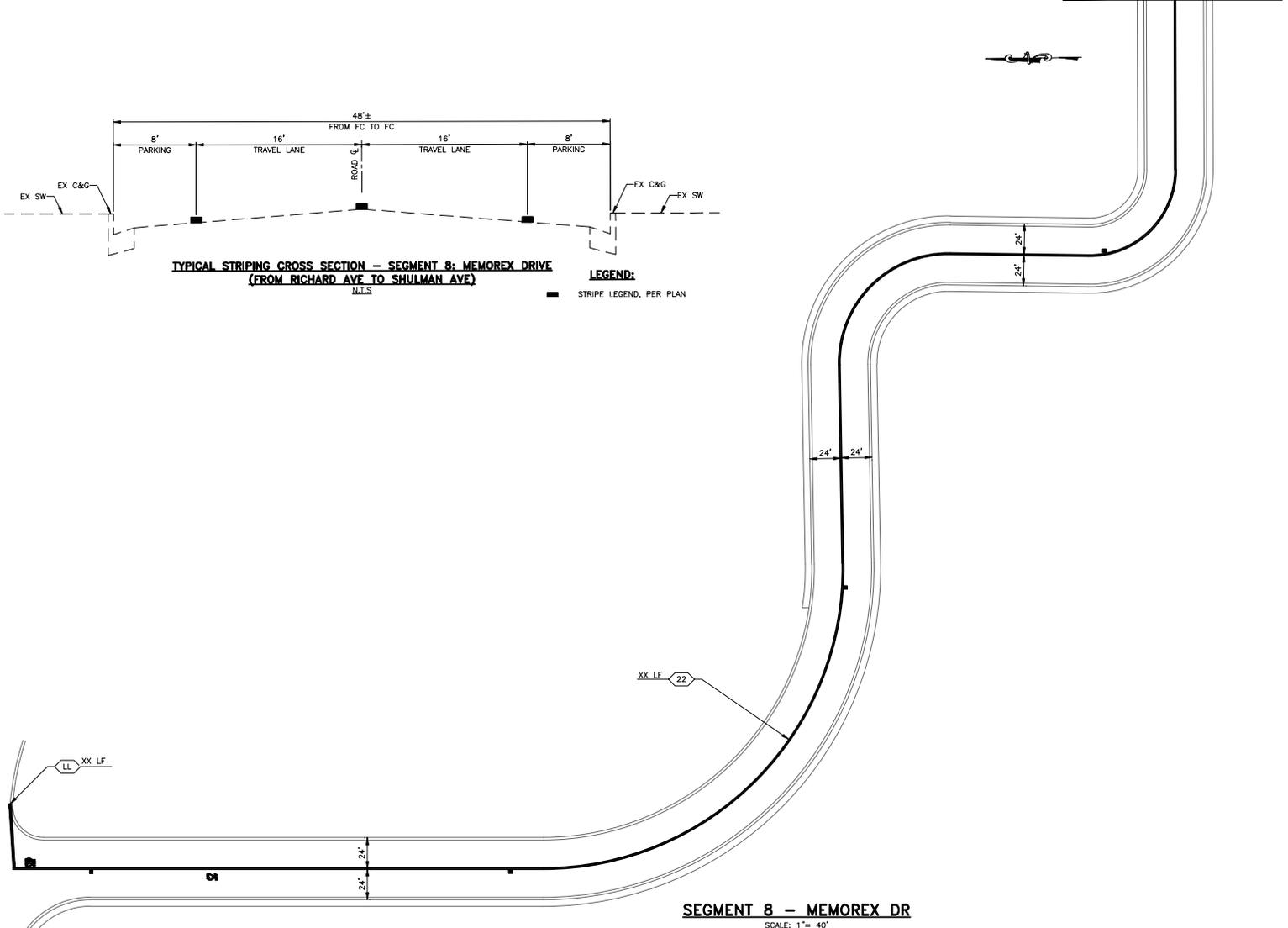
- LEGEND:**
- LANE LINE
  - LIMIT LINE
  - ||||| YIELD ARROW
  - ||||| STANDARD CROSSWALK
  - ||||| CONTINENTAL CROSSWALK
  - PAVEMENT MARKINGS
  - TYPE III TURN ARROW
  - TYPE IV TURN ARROW
  - GREEN BIKE LANE
  - BICYCLE DETECTOR SYMBOL
  - BLUE MARKER
  - CHANGE OF STRIPE DELINEATION
  - (E) TRAFFIC LOOP
  - RESET (E) SIGN
  - BIKE LANE MARKING
  - MEDIAN TURN LANE MARKING



**TYPICAL STRIPING CROSS SECTION - SEGMENT 8: MEMOREX DRIVE  
(FROM RICHARD AVE TO SHULMAN AVE)**  
N.T.S.

**LEGEND:**  
■ STRIPE LEGEND, PER PLAN

RICHARD AVE



**SEGMENT 8 - MEMOREX DR**

SCALE: 1" = 40'



Know what's below.  
Call before you dig.

VERIFY SCALES: BAR SHOWN IS ONE INCH ON ORIGINAL DRAWING.  
0 1"  
IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY.



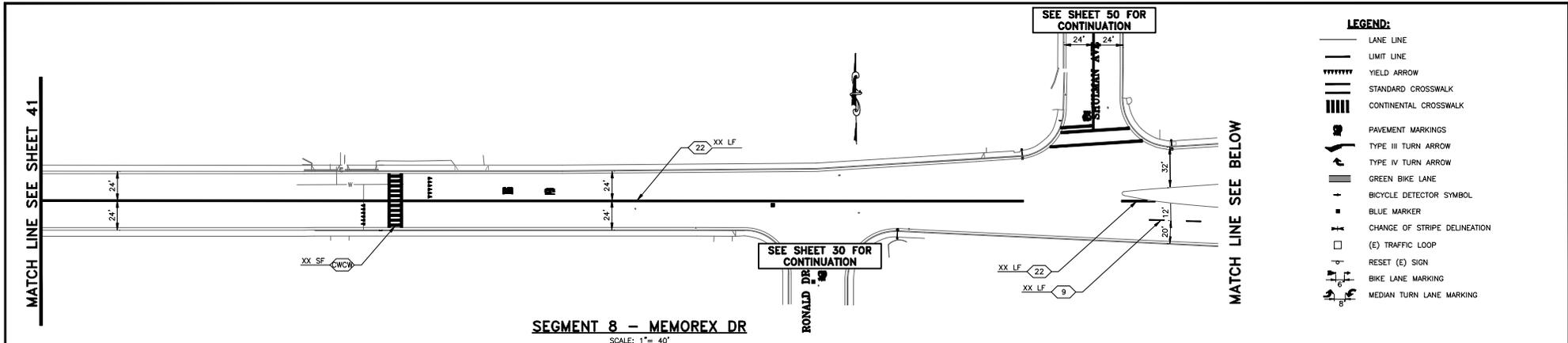
PROJECT No.	CE	XX-XX-XX
ACCOUNT No.	-	
DATE	No.	REVISION

**CITY OF SANTA CLARA**  
ENGINEERING DEPARTMENT

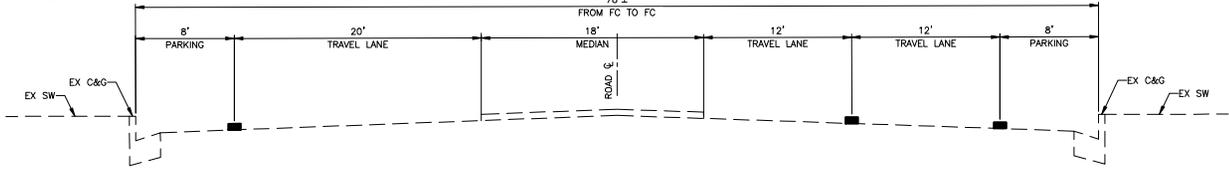
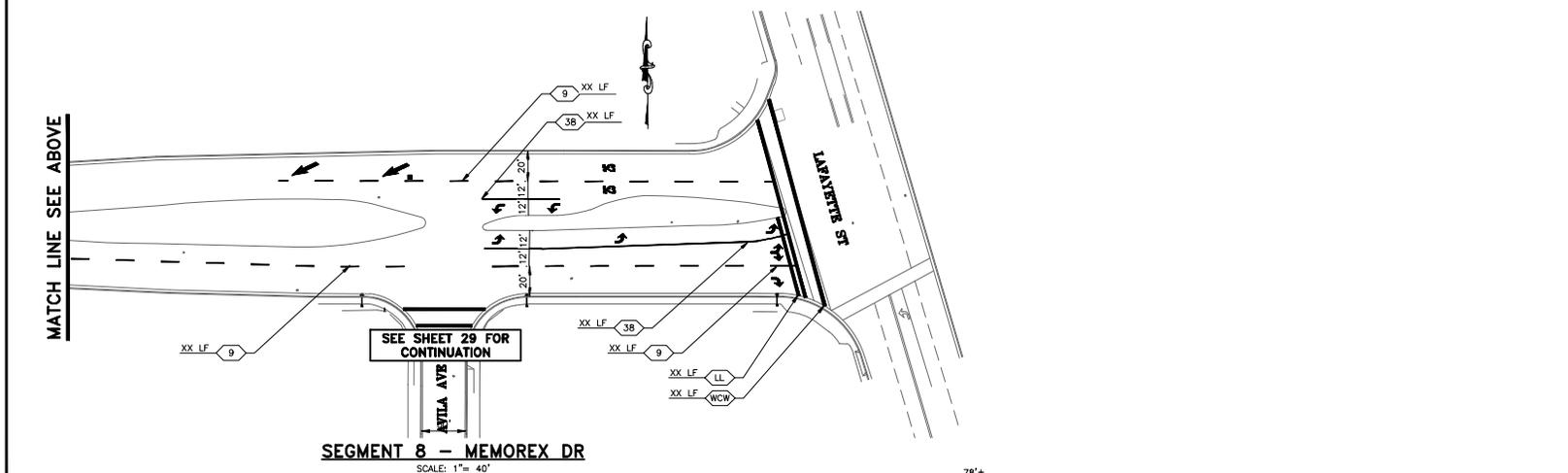
**2022 ANNUAL STREET MAINTENANCE  
AND REHABILITATION PROJECT**

**SIGNING AND STRIPING PLAN**  
**SEGMENT 8: MEMOREX DR**  
**(FROM RICHARD AVE TO LAFAYETTE ST)**

APPROVED BY		DATE	R.C.E. No.
TITLE		DATE	Survey No.
DESIGNED BY	DS/	/ / 22	TRACING No.
DRAWN BY	EB/AA	/ / 22	XXX,XXX-X
CHECKED BY	MF	/ / 22	SHEET 41 OF 89
AS BUILT BY	-	-	

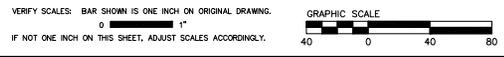


- LEGEND:**
- LANE LINE
  - LIMIT LINE
  - ▤ YIELD ARROW
  - ▤ STANDARD CROSSWALK
  - ▤ CONTINENTAL CROSSWALK
  - ▤ PAVEMENT MARKINGS
  - ▤ TYPE III TURN ARROW
  - ▤ TYPE IV TURN ARROW
  - ▤ GREEN BIKE LANE
  - ▤ BICYCLE DETECTOR SYMBOL
  - ▤ BLUE MARKER
  - ▤ CHANGE OF STRIPE DELINEATION
  - ▤ (E) TRAFFIC LOOP
  - ▤ RESET (E) SIGN
  - ▤ BIKE LANE MARKING
  - ▤ MEDIAN TURN LANE MARKING



**TYPICAL STRIPING CROSS SECTION - SEGMENT 8: MEMOREX DRIVE  
(FROM SHULMAN AVE TO LAFAYETTE ST)**  
N.T.S.

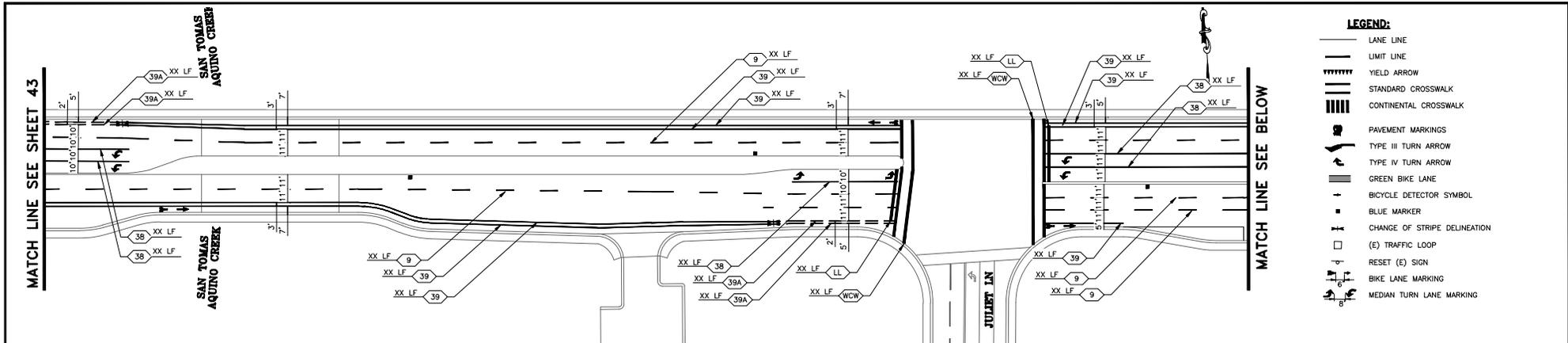
**LEGEND:**  
▤ STRIPE LEGEND, PER PLAN



PROJECT No. CE	XX-XX-XX
ACCOUNT No.	-
DATE	No. REVISION BY

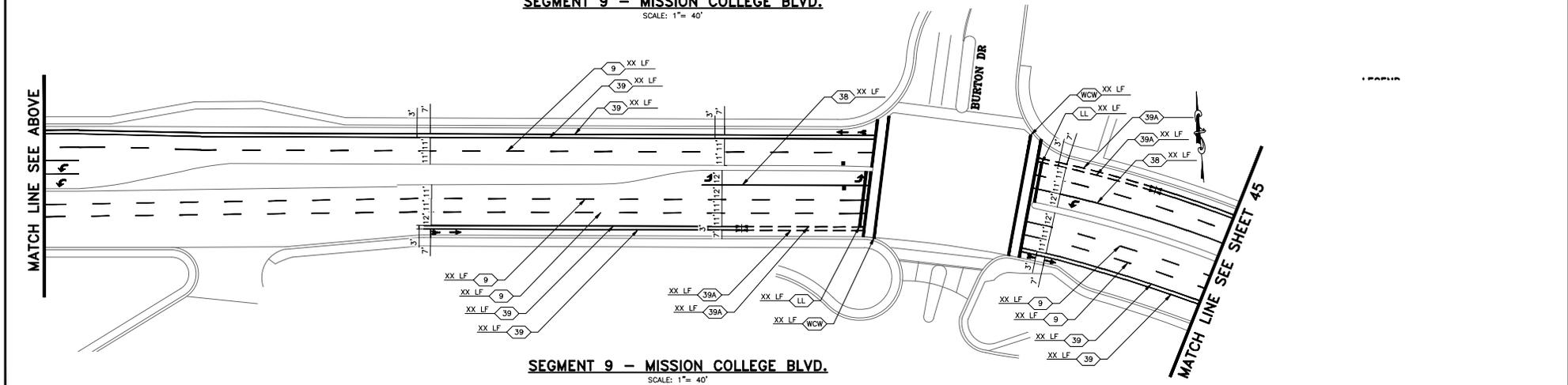
<b>CITY OF SANTA CLARA</b> ENGINEERING DEPARTMENT			
APPROVED BY			
TITLE			
DATE	INITIAL	DATE	R.C.E. No.
DESIGNED BY DS / - / - / 22			TRACING No.
DRAWN BY EB/AA / - / - / 22			XXX,XXX-X
CHECKED BY MF / - / - / 22			
AS BUILT BY - - -			SHEET 42 OF 89





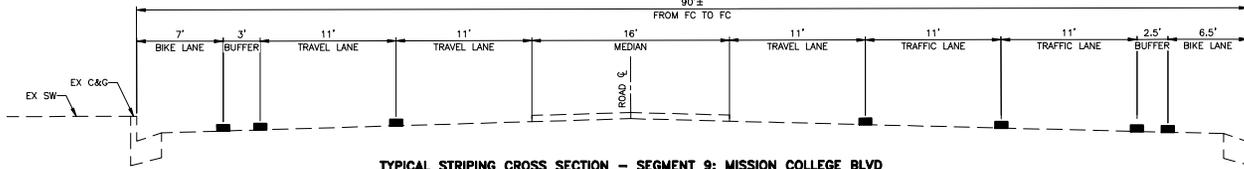
**SEGMENT 9 - MISSION COLLEGE BLVD.**

SCALE: 1" = 40'



**SEGMENT 9 - MISSION COLLEGE BLVD.**

SCALE: 1" = 40'



**TYPICAL STRIPING CROSS SECTION - SEGMENT 9: MISSION COLLEGE BLVD  
(FROM JULIETTE LN TO WYATT DR)**  
N.T.S.

**LEGEND:**

■ STRIPE LEGEND, PER PLAN



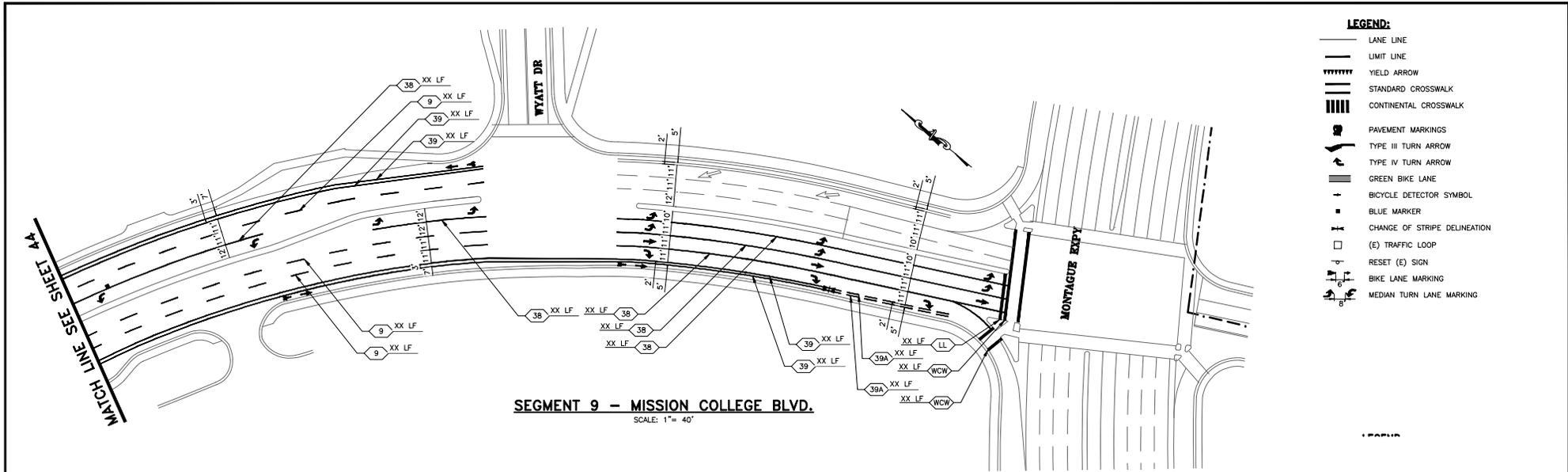
VERIFY SCALES: BAR SHOWN IS ONE INCH ON ORIGINAL DRAWING.  
0 1"  
IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY.



PROJECT No. CE	XX-XX-XX		
ACCOUNT No.	-		
DATE	NO.	REVISION	BY

**CITY OF SANTA CLARA**  
ENGINEERING DEPARTMENT  
2022 ANNUAL STREET MAINTENANCE  
AND REHABILITATION PROJECT  
**SIGNING AND STRIPING PLAN**  
SEGMENT 9: MISSION COLLEGE BLVD  
(FROM FREEDOM CR TO MONTAGUE EXPWY)

APPROVED BY		TITLE	
DATE	INITIAL	DATE	R.C.E. No.
DESIGNED BY	DS/-		
DRAWN BY	EB/AA		
CHECKED BY	MF		
AS BUILT BY	-		
TRACING No.			XX,XXX-X
SHEET			44 OF 89



VERIFY SCALES: BAR SHOWN IS ONE INCH ON ORIGINAL DRAWING.  
0 1" IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY.

GRAPHIC SCALE  
0 40 80



PROJECT No.	CE	XX-XX-XX
ACCOUNT No.	-	
DATE	No.	REVISION
		BY

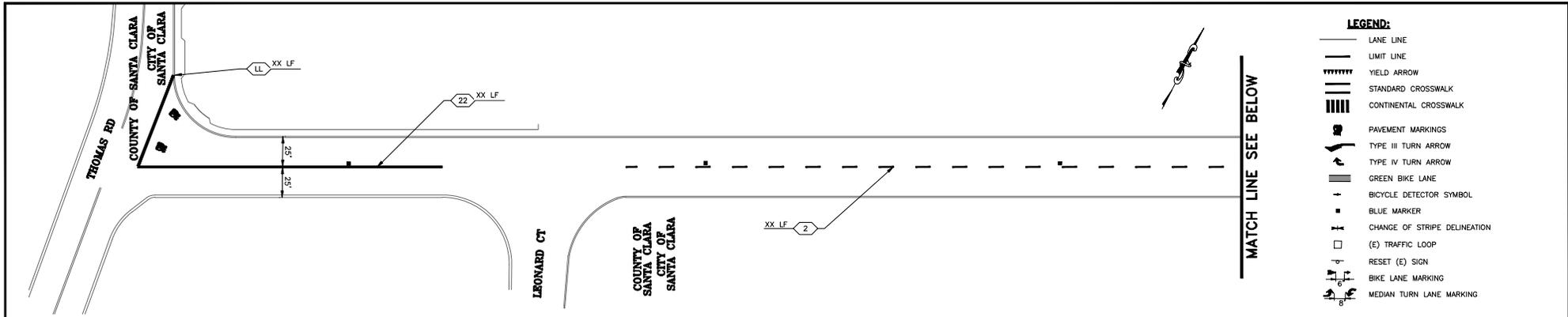
**CITY OF SANTA CLARA**  
ENGINEERING DEPARTMENT

2022 ANNUAL STREET MAINTENANCE AND REHABILITATION PROJECT

**SIGNING AND STRIPING PLAN**  
SEGMENT 9: MISSION COLLEGE BLVD  
(FROM FREEDOM CR TO MONTAGUE EXPWY)

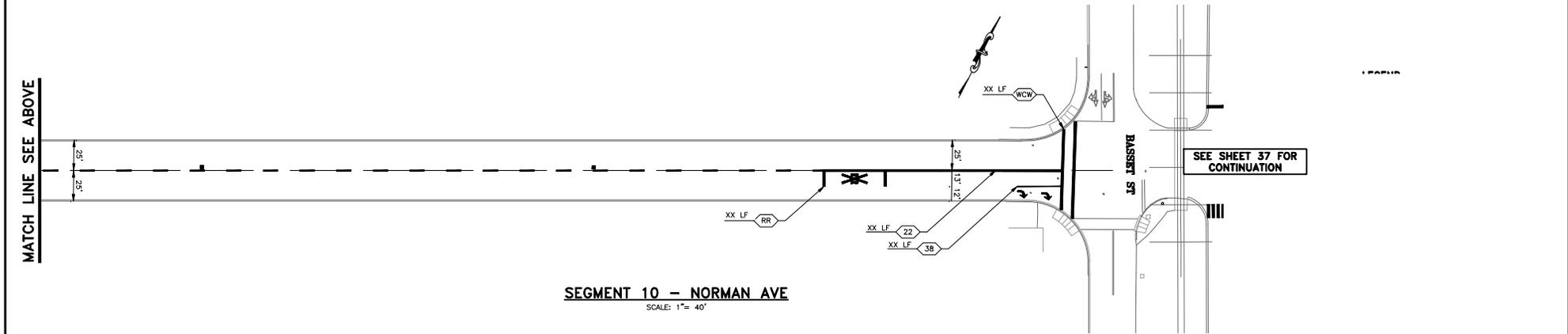
APPROVED BY	TITLE	
DATE	R.C.E. No.	Survey No.
DESIGNED BY	DS/-	11/22
DRAWN BY	EB/AA	11/22
CHECKED BY	MF	11/22
AS BUILT BY	-	-

TRACING No. **XXX,XXX-X**  
SHEET 45 OF 89

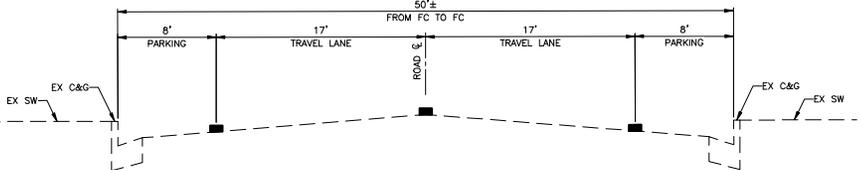


- LEGEND:**
- LANE LINE
  - LIMIT LINE
  - ||||| YIELD ARROW
  - ||||| STANDARD CROSSWALK
  - ||||| CONTINENTAL CROSSWALK
  - PAVEMENT MARKINGS
  - TYPE III TURN ARROW
  - TYPE IV TURN ARROW
  - GREEN BIKE LANE
  - BICYCLE DETECTOR SYMBOL
  - BLUE MARKER
  - CHANGE OF STRIPE DELINEATION
  - (E) TRAFFIC LOOP
  - RESET (E) SIGN
  - BIKE LANE MARKING
  - MEDIAN TURN LANE MARKING

**SEGMENT 10 - NORMAN AVE**  
SCALE: 1" = 40'



**SEGMENT 10 - NORMAN AVE**  
SCALE: 1" = 40'



**TYPICAL STRIPING CROSS SECTION - SEGMENT 10: NORMAN AVENUE**  
**(FROM LAFAYETTE ST TO THOMAS RD)**  
N.T.S.

- LEGEND:**
- STRIPE LEGEND, PER PLAN



VERIFY SCALES: BAR SHOWN IS ONE INCH ON ORIGINAL DRAWING.  
0 1"  
IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY.



PROJECT No. CE	XX-XX-XX		
ACCOUNT No.	-		
DATE	No.	REVISION	BY

**CITY OF SANTA CLARA**  
ENGINEERING DEPARTMENT  
**2022 ANNUAL STREET MAINTENANCE AND REHABILITATION PROJECT**  
**SIGNING AND STRIPING PLAN**  
**SEGMENT 10: NORMAN AVE**  
**(FROM LAFAYETTE ST TO THOMAS RD)**

APPROVED BY	TITLE
DATE	R.C.E. No.
DESIGNED BY DS	DATE / / 22
DRAWN BY EB/AA	DATE / / 22
CHECKED BY MF	DATE / / 22
AS BUILT BY	DATE / / 22
TRACING No.	XXX,XXX-X
SHEET	46 OF 89

THIS SHEET IS  
INTENTIONALLY LEFT  
BLANK

Prepared by:



**CSG**  
CONSULTANTS

Employee - Owned

Designer Stamp:



PROJECT No. CE		XX-XX-XX	
ACCOUNT No.		-	
DATE	No.	REVISION	BY

**CITY OF SANTA CLARA**  
ENGINEERING DEPARTMENT

2022 ANNUAL STREET MAINTENANCE  
AND REHABILITATION PROJECT

**SIGNING AND STRIPING PLAN**  
SEGMENT 11: NOT IN USE

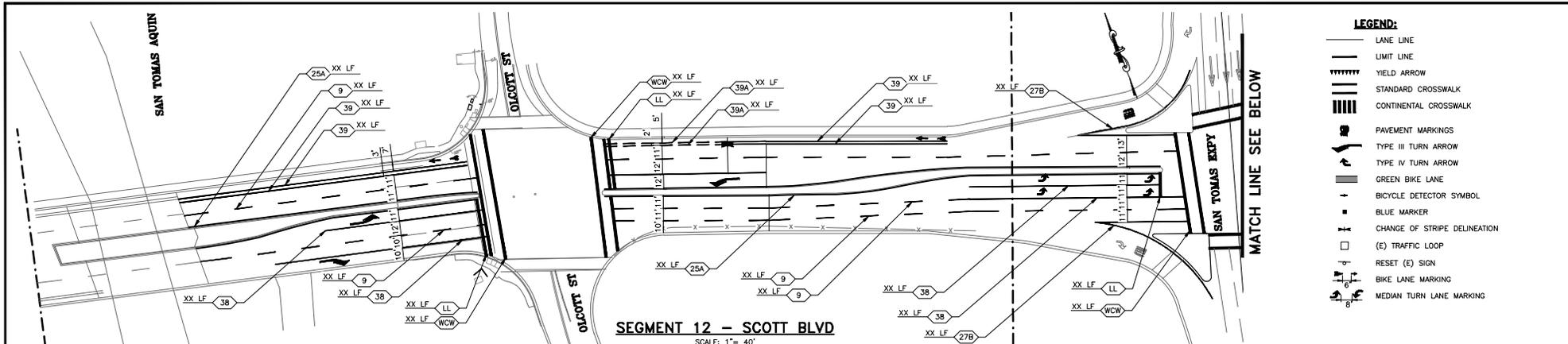
APPROVED BY			
TITLE			
DATE		R.C.E. No.	
DESIGNED BY	INITIAL	DATE	Survey No.
DRAWN BY	EB/AA	11/1/22	XXX,XXX-X
CHECKED BY	MF	11/1/22	
AS BUILT BY	-	-	SHEET 47 OF 89



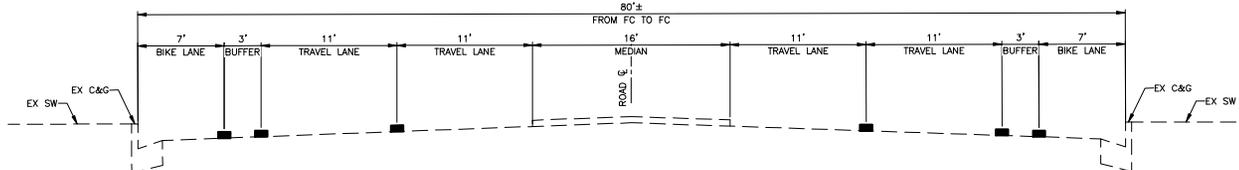
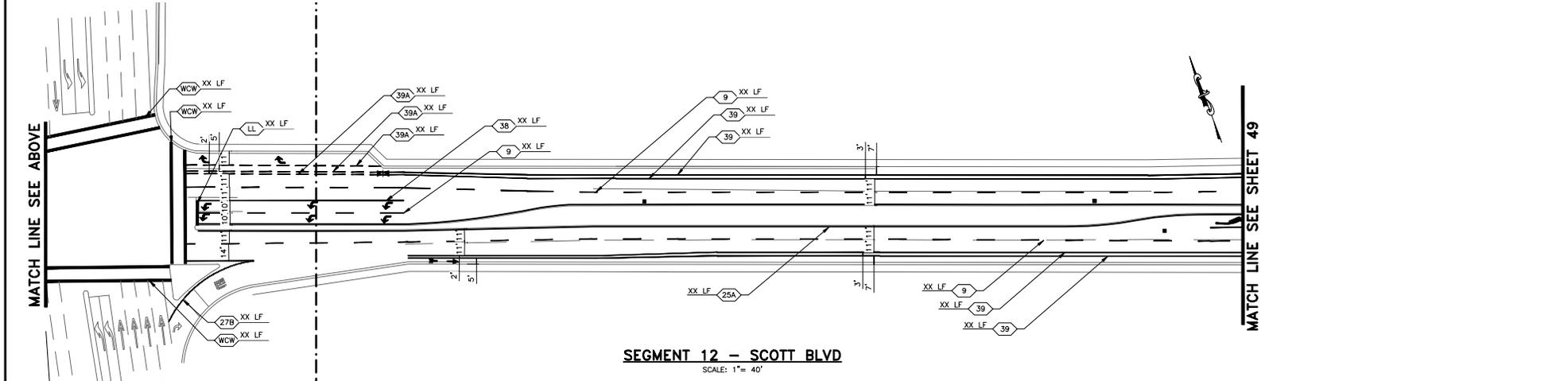
Know what's below.  
Call before you dig.

VERIFY SCALES: BAR SHOWN IS ONE INCH ON ORIGINAL DRAWING.  
0 1"  
IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY.

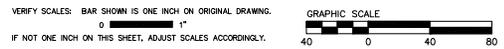




- LEGEND:**
- LANE LINE
  - LIMIT LINE
  - ▄▄▄▄ YIELD ARROW
  - ▄▄▄▄ STANDARD CROSSWALK
  - ▄▄▄▄ CONTINENTAL CROSSWALK
  - ▄▄▄▄ PAVEMENT MARKINGS
  - ▄▄▄▄ TYPE III TURN ARROW
  - ▄▄▄▄ TYPE IV TURN ARROW
  - ▄▄▄▄ GREEN BIKE LANE
  - ▄▄▄▄ BICYCLE DETECTOR SYMBOL
  - ▄▄▄▄ BLUE MARKER
  - ▄▄▄▄ CHANGE OF STRIPE DELINEATION
  - (E) TRAFFIC LOOP
  - ▄▄▄▄ RESET (E) SIGN
  - ▄▄▄▄ BIKE LANE MARKING
  - ▄▄▄▄ MEDIAN TURN LANE MARKING



- LEGEND:**
- ▄▄▄▄ STRIPE LEGEND, PER PLAN



PROJECT No. CE	XX-XX-XX		
ACCOUNT No.	-		
DATE	No.	REVISION	BY

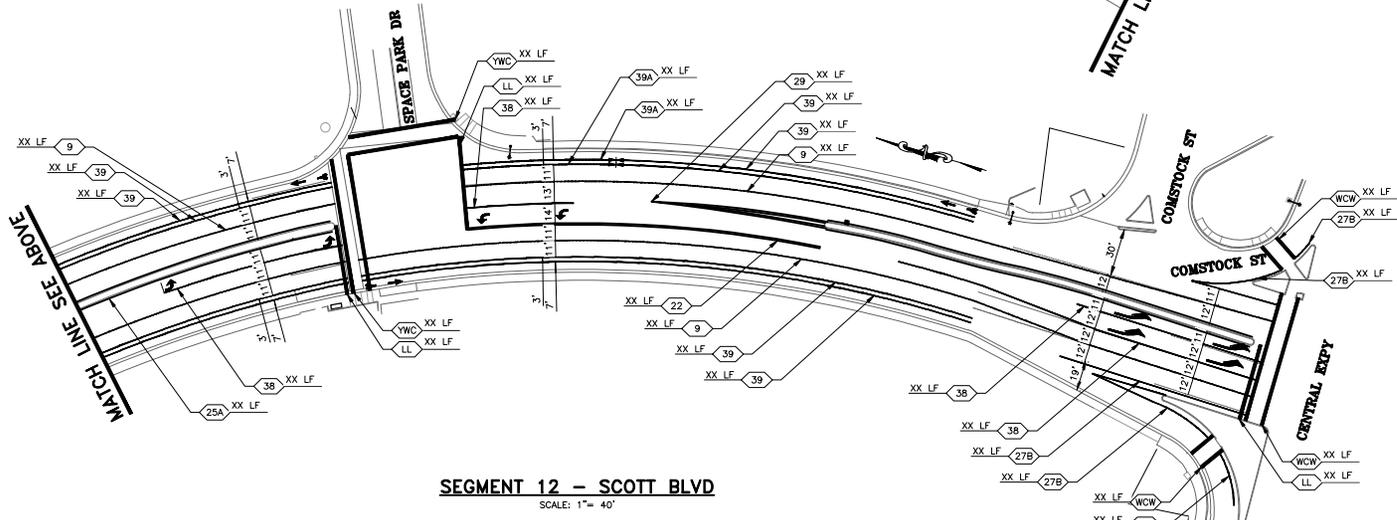
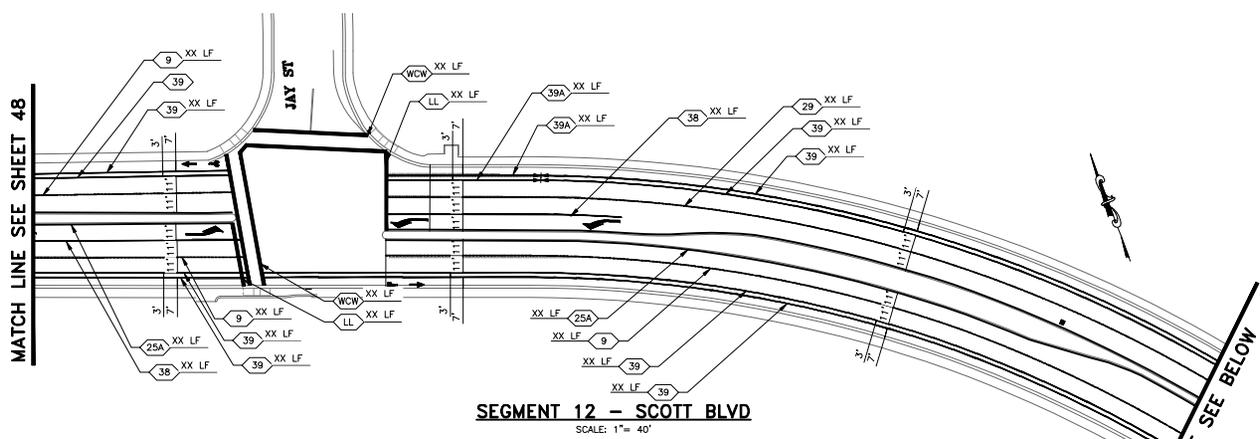
**CITY OF SANTA CLARA**  
ENGINEERING DEPARTMENT

2022 ANNUAL STREET MAINTENANCE AND REHABILITATION PROJECT

**SIGNING AND STRIPING PLAN**  
SEGMENT 12: SCOTT BLVD  
(FROM CENTRAL EXPWY TO OLCOTT ST)

APPROVED BY	TITLE		
DATE	R.C.E. No.		
DESIGNED BY	INITIAL	DATE	Survey No.
DRAWN BY	EB/AA	11/22	XXX,XXX-X
CHECKED BY	MF	11/22	
AS BUILT BY	-	-	SHEET 48 OF 89

- LEGEND:**
- LANE LINE
  - LIMIT LINE
  - ||||| YIELD ARROW
  - ||||| STANDARD CROSSWALK
  - ||||| CONTINENTAL CROSSWALK
  - PAVEMENT MARKINGS
  - TYPE III TURN ARROW
  - TYPE IV TURN ARROW
  - GREEN BIKE LANE
  - BICYCLE DETECTOR SYMBOL
  - BLUE MARKER
  - CHANGE OF STRIPE DELINEATION
  - (E) TRAFFIC LOOP
  - RESET (E) SIGN
  - BIKE LANE MARKING
  - MEDIAN TURN LANE MARKING



VERIFY SCALES: BAR SHOWN IS ONE INCH ON ORIGINAL DRAWING.  
0 1"  
IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY.



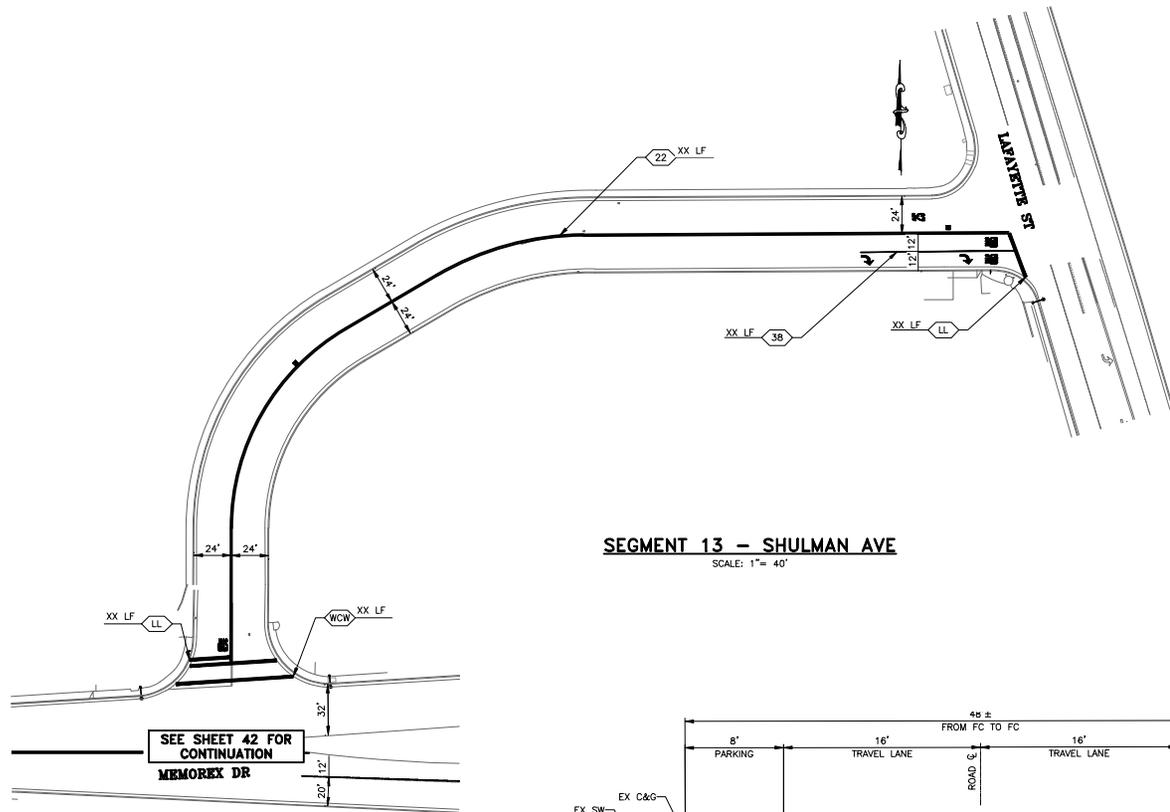
PROJECT No. CE	XX-XX-XX		
ACCOUNT No.	-		
DATE	No.	REVISION	BY

**CITY OF SANTA CLARA**  
ENGINEERING DEPARTMENT  
2022 ANNUAL STREET MAINTENANCE  
AND REHABILITATION PROJECT  
**SIGNING AND STRIPING PLAN**  
SEGMENT 12: SCOTT BLVD  
(FROM CENTRAL EXPWY TO OLCOTT ST)

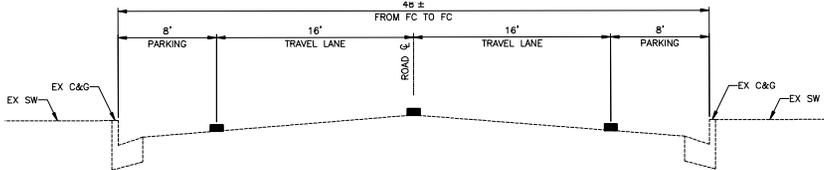
APPROVED BY	TITLE	DATE	R.C.E. No.
DESIGNED BY	DS/	DATE	Survey No.
DRAWN BY	EB/AA	DATE	
CHECKED BY	MF	DATE	
AS BUILT BY	-	-	

TRACING No. **XX,XXX-X**  
SHEET **49** OF **89**

- LEGEND:**
- LANE LINE
  - LIMIT LINE
  - ▄ YIELD ARROW
  - ▄ STANDARD CROSSWALK
  - ▄ CONTINENTAL CROSSWALK
  - ▄ PAVEMENT MARKINGS
  - ▄ TYPE III TURN ARROW
  - ▄ TYPE IV TURN ARROW
  - ▄ GREEN BIKE LANE
  - ▄ BICYCLE DETECTOR SYMBOL
  - ▄ BLUE MARKER
  - ▄ CHANGE OF STRIPE DELINEATION
  - ▄ (E) TRAFFIC LOOP
  - ▄ RESET (E) SIGN
  - ▄ BIKE LANE MARKING
  - ▄ MEDIAN TURN LANE MARKING



**SEGMENT 13 - SHULMAN AVE**  
SCALE: 1" = 40'



**TYPICAL STRIPING CROSS SECTION - SEGMENT 13: SHULMAN AVENUE**  
**(FROM MEMOREX LN TO LAFAYETTE ST)**

**LEGEND:**  
■ STRIPE LEGEND, PER PLAN



VERIFY SCALES: BAR SHOWN IS ONE INCH ON ORIGINAL DRAWING.  
0 1"  
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GRAPHIC SCALE  
40 0 40 80



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DATE	No.	REVISION
		BY

**CITY OF SANTA CLARA**  
ENGINEERING DEPARTMENT

**2022 ANNUAL STREET MAINTENANCE AND REHABILITATION PROJECT**

**SIGNING AND STRIPING PLAN**  
**SEGMENT 13: SHULMAN AVE**  
**(FROM MEMOREX LN TO LAFAYETTE ST)**

APPROVED BY		TITLE	
DATE	INITIAL	DATE	R.C.E. No.
DESIGNED BY	DS/-	11/22	Survey No.
DRAWN BY	EB/AA	11/22	TRACING No.
CHECKED BY	MF	11/22	XXX,XXX-X
AS BUILT BY	-	-	SHEET 50 OF 89

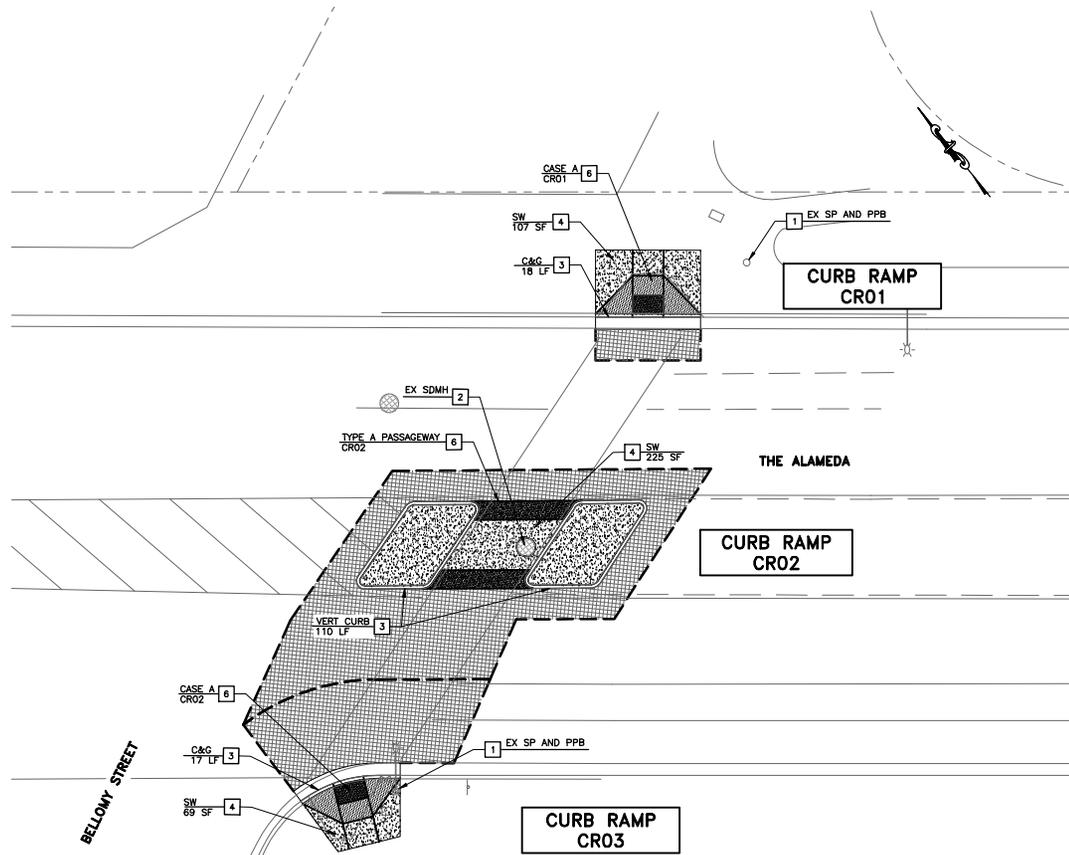
SEE SHEET 70 FOR  
GRADING DETAILS

**LEGEND**

-  CURB & GUTTER
-  SIDEWALK
-  CURB RAMP
-  DETECTABLE WARNING SURFACE
-  AC CONFORM
-  RETAINING CURB
-  RIGHT OF WAY

**PROJECT NOTES:**

- 1 PROTECT IN PLACE.
- 2 ADJUST TO GRADE
- 3 CONSTRUCT CURB AND GUTTER PER CITY STANDARD DETAIL ST-11 AND ST-12.
- 4 CONSTRUCT SIDEWALK PER CITY STANDARD DETAIL ST-12.
- 5 CONSTRUCT CURVED OR STRAIGHT CURB RAMP (CASE C) PER CITY STD DETAIL ST-14 OR ST-15, INSTALL CURB RAMP GROOVING AND TRUNCATED DOME PER CITY STD DETAIL ST-16.
- 6 CONSTRUCT CURB RAMP PER CALTRANS STD PLAN ABBA AND ABBB. INSTALL CURB RAMP GROOVING AND TRUNCATED DOME PER CITY STD DETAIL ST-16. ALL CURB RAMP'S SHALL HAVE A MINIMUM OF 4" PCC OVER 4" CLASS 2 AS AND A MINIMUM OF 18" WIDE BY 12" DEEP AC DEEPLIFT PLUG.
- 7 RESET OR RELOCATE SIGN ON NEW FOUNDATION PER CITY STANDARD DETAIL TR-1.
- 8 RESET EXISTING PPB ASSEMBLY POST PER CALTRANS STANDARD PLAN ES-7A.
- 9 REPLACE TRAFFIC PULL BOX (TPB) TO FINISH GRADE ON CONCRETE. (T-6).
- 10 RELOCATE EXISTING PPB ON SIGNAL POLE TO NEW PPB POST PER CALTRANS STANDARD PLAN ES-7A.
- 11 TO REMAIN.



**THE ALAMEDA & BELLOMY STREET INTERSECTION**

SCALE: 1"=10'



VERIFY SCALES: BAR SHOWN IS ONE INCH ON ORIGINAL DRAWING.  
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2022 ANNUAL STREET MAINTENANCE  
AND REHABILITATION PROJECT  
**INTERSECTION IMPROVEMENT PLAN**  
**THE ALAMEDA & BELLOMY ST INTERSECTION**

APPROVED BY		DATE	R.C.E. No.
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DESIGNED BY	DS	/ / 22	TRACING No.
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AS BUILT BY	-	-	SHEET 53 OF 89

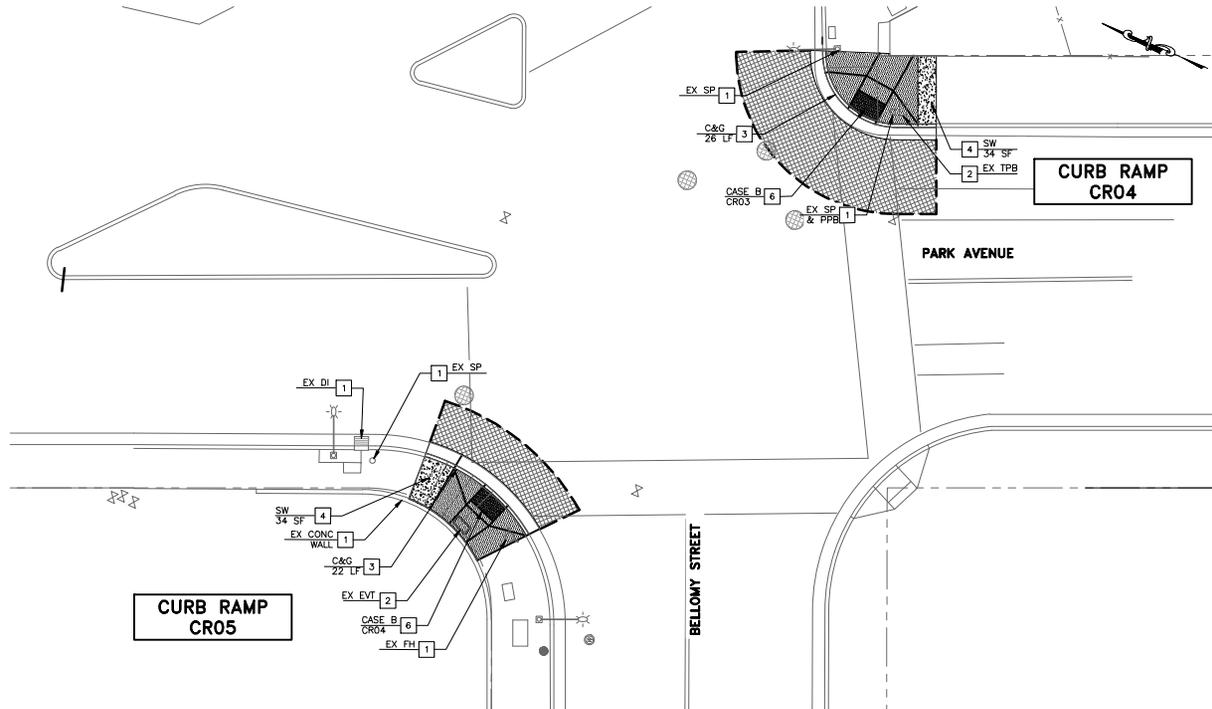
SEE SHEET 71 FOR  
GRADING DETAILS

**LEGEND**

-  CURB & GUTTER
-  SIDEWALK
-  CURB RAMP
-  DETECTABLE WARNING SURFACE
-  AC CONFORM
-  RETAINING CURB
-  RIGHT OF WAY

**PROJECT NOTES:**

- 1 PROTECT IN PLACE.
- 2 ADJUST TO GRADE.
- 3 CONSTRUCT CURB AND GUTTER PER CITY STANDARD DETAIL ST-11 AND ST-12.
- 4 CONSTRUCT SIDEWALK PER CITY STANDARD DETAIL ST-12.
- 5 CONSTRUCT CURVED OR STRAIGHT CURB RAMP (CASE C) PER CITY STD DETAIL ST-14 OR ST-15. INSTALL CURB RAMP GROOVING AND TRUNCATED DOME PER CITY STD DETAIL ST-16.
- 6 CONSTRUCT CURB RAMP PER CALTRANS STD PLAN AB8A AND AB8B. INSTALL CURB RAMP GROOVING AND TRUNCATED DOME PER CITY STD DETAIL ST-16. ALL CURB RAMP'S SHALL HAVE A MINIMUM OF 4" PCC OVER 4" CLASS 2 AS AND A MINIMUM OF 18" WIDE BY 12" DEEP AC DEEPLIFT PLUG.
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- 8 RESET EXISTING PPB ASSEMBLY POST PER CALTRANS STANDARD PLAN ES-7A.
- 9 REPLACE TRAFFIC PULL BOX (TPB) TO FINISH GRADE ON CONCRETE. (T-6).
- 10 RELOCATE EXISTING PPB ON SIGNAL POLE TO NEW PPB POST PER CALTRANS STANDARD PLAN ES-7A.
- 11 TO REMAIN.



**PARK AVENUE & BELLOMY STREET INTERSECTION**

SCALE: 1"=10'



VERIFY SCALES: BAR SHOWN IS ONE INCH ON ORIGINAL DRAWING.  
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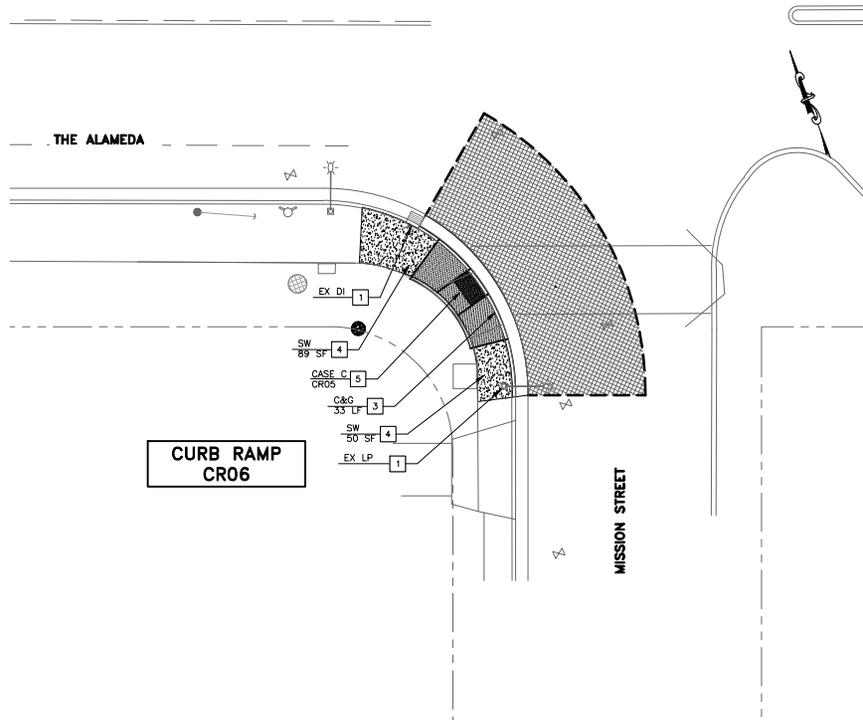
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**PARK AVE & BELLOMY ST INTERSECTION**

APPROVED BY		DATE	R.C.E. No.
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DRAWN BY	EB/AA	DATE	XXX,XXX-X
CHECKED BY	MF	DATE	
AS BUILT BY	-	DATE	SHEET 54 OF 89

SEE SHEET 72 FOR  
GRADING DETAILS

**LEGEND**

-  CURB & GUTTER
-  SIDEWALK
-  CURB RAMP
-  DETECTABLE WARNING SURFACE
-  AC CONFORM
-  RETAINING CURB
-  RIGHT OF WAY



**THE ALAMEDA & MISSION STREET INTERSECTION**

SCALE: 1"=10'

**PROJECT NOTES:**

- 1 PROTECT IN PLACE.
- 2 ADJUST TO GRADE.
- 3 CONSTRUCT CURB AND GUTTER PER CITY STANDARD DETAIL ST-11 AND ST-12.
- 4 CONSTRUCT SIDEWALK PER CITY STANDARD DETAIL ST-12.
- 5 CONSTRUCT CURVED OR STRAIGHT CURB RAMP (CASE C) PER CITY STD DETAIL ST-14 OR ST-15. INSTALL CURB RAMP GROOVING AND TRUNCATED DOME PER CITY STD DETAIL ST-16.
- 6 CONSTRUCT CURB RAMP PER CALTRANS STD PLAN AB8A AND AB8B. INSTALL CURB RAMP GROOVING AND TRUNCATED DOME PER CITY STD DETAIL ST-16. ALL CURB RAMPS SHALL HAVE A MINIMUM OF 4" PCC OVER 4" CLASS 2 AS AND A MINIMUM OF 18" WIDE BY 12" DEEP AC DEEPLIFT PLUG.
- 7 RESET OR RELOCATE SIGN ON NEW FOUNDATION PER CITY STANDARD DETAIL TR-1.
- 8 RESET EXISTING PPB ASSEMBLY POST PER CALTRANS STANDARD PLAN ES-7A.
- 9 REPLACE TRAFFIC PULL BOX (TPB) TO FINISH GRADE ON CONCRETE. (T-6).
- 10 RELOCATE EXISTING PPB ON SIGNAL POLE TO NEW PPB POST PER CALTRANS STANDARD PLAN ES-7A.
- 11 TO REMAIN.



VERIFY SCALES: BAR SHOWN IS ONE INCH ON ORIGINAL DRAWING.  
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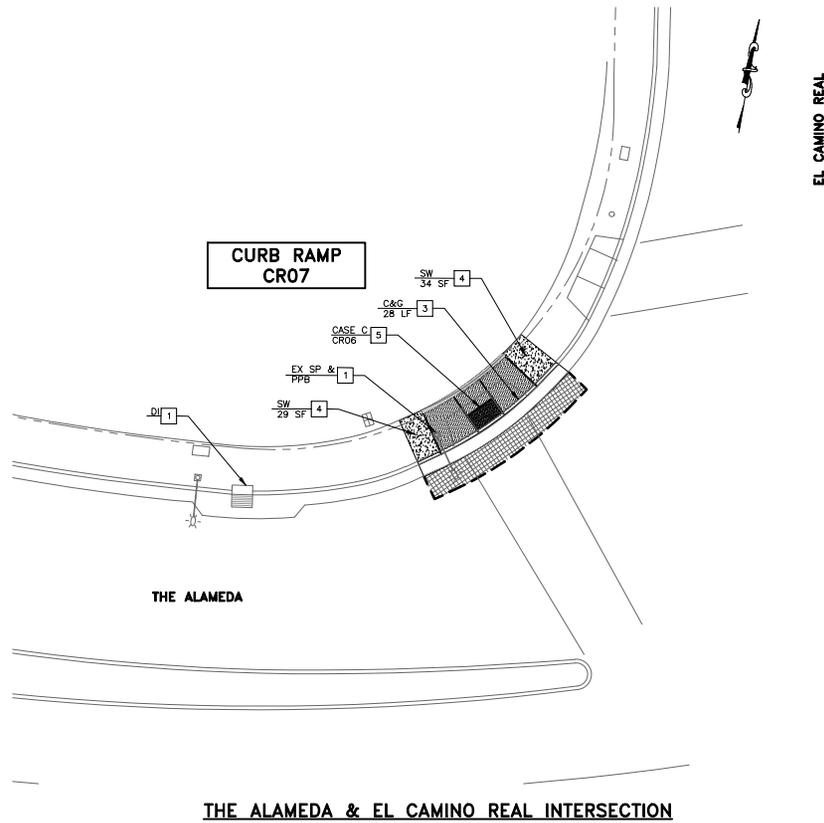


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2022 ANNUAL STREET MAINTENANCE AND REHABILITATION PROJECT	
<b>INTERSECTION IMPROVEMENT PLAN</b>	
<b>THE ALAMEDA &amp; MISSION ST INTERSECTION</b>	

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TRACING No.			XXX,XXX-X
SHEET			55 OF 89

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GRADING DETAILS



**THE ALAMEDA & EL CAMINO REAL INTERSECTION**

SCALE: 1"=10'

**LEGEND**

- CURB & GUTTER
- SIDEWALK
- CURB RAMP
- DETECTABLE WARNING SURFACE
- AC CONFORM
- RETAINING CURB
- RIGHT OF WAY

**PROJECT NOTES:**

- 1 PROTECT IN PLACE.
- 2 ADJUST TO GRADE
- 3 CONSTRUCT CURB AND GUTTER PER CITY STANDARD DETAIL ST-11 AND ST-12.
- 4 CONSTRUCT SIDEWALK PER CITY STANDARD DETAIL ST-12.
- 5 CONSTRUCT CURVED OR STRAIGHT CURB RAMP (CASE C) PER CITY STD DETAIL ST-14 OR ST-15. INSTALL CURB RAMP GROOVING AND TRUNCATED DOME PER CITY STD DETAIL ST-16.
- 6 CONSTRUCT CURB RAMP PER CALTRANS STD PLAN AB8A AND AB8B. INSTALL CURB RAMP GROOVING AND TRUNCATED DOME PER CITY STD DETAIL ST-16. ALL CURB RAMP'S SHALL HAVE A MINIMUM OF 4" PCC OVER 4" CLASS 2 AS AND A MINIMUM OF 18" WIDE BY 12" DEEP AC DEEPLIFT PLUG.
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- 8 RESET EXISTING PPB ASSEMBLY POST PER CALTRANS STANDARD PLAN ES-7A.
- 9 REPLACE TRAFFIC PULL BOX (TPB) TO FINISH GRADE ON CONCRETE. (T-6).
- 10 RELOCATE EXISTING PPB ON SIGNAL POLE TO NEW PPB POST PER CALTRANS STANDARD PLAN ES-7A.
- 11 TO REMAIN.



VERIFY SCALES: BAR SHOWN IS ONE INCH ON ORIGINAL DRAWING.  
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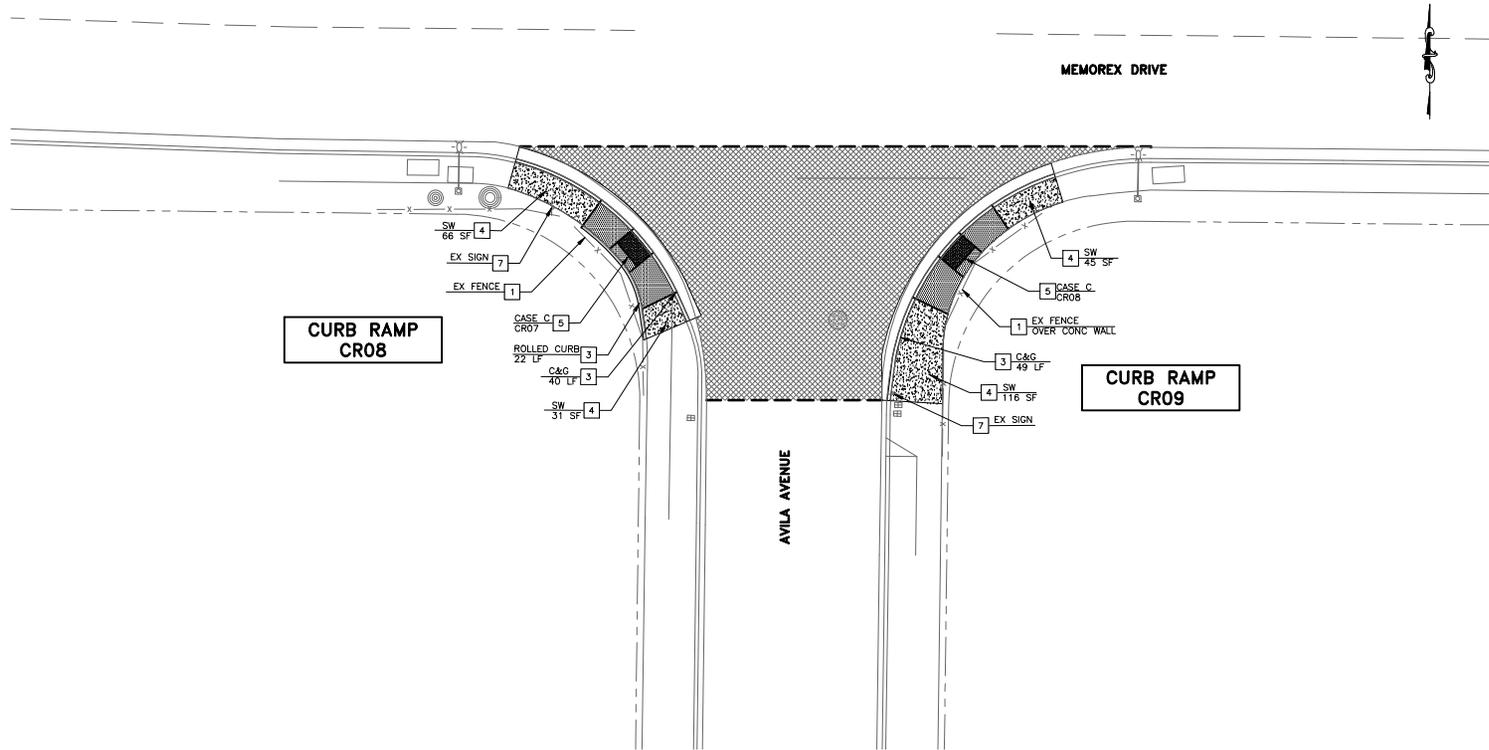
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AND REHABILITATION PROJECT  
**INTERSECTION IMPROVEMENT PLAN**  
**THE ALAMEDA & EL CAMINO REAL INTERSECTION**

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AS BUILT BY	-		
TRACING No.			XXX,XXX-X
SHEET			56 OF 89

SEE SHEET 74 FOR GRADING DETAILS

**LEGEND**

	CURB & GUTTER
	SIDEWALK
	CURB RAMP
	DETECTABLE WARNING SURFACE
	AC CONFORM
	RETAINING CURB
	RIGHT OF WAY



**PROJECT NOTES:**

- 1 PROTECT IN PLACE.
- 2 ADJUST TO GRADE.
- 3 CONSTRUCT CURB AND GUTTER PER CITY STANDARD DETAIL ST-11 AND ST-12.
- 4 CONSTRUCT SIDEWALK PER CITY STANDARD DETAIL ST-12.
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- 9 REPLACE TRAFFIC PULL BOX (TPB) TO FINISH GRADE ON CONCRETE. (T-6).
- 10 RELOCATE EXISTING PPB ON SIGNAL POLE TO NEW PPB POST PER CALTRANS STANDARD PLAN ES-7A.
- 11 TO REMAIN.

**AVILA AVENUE & MEMOREX DRIVE INTERSECTION**

SCALE: 1"=10'



VERIFY SCALES: BAR SHOWN IS ONE INCH ON ORIGINAL DRAWING.  
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2022 ANNUAL STREET MAINTENANCE AND REHABILITATION PROJECT  
**INTERSECTION IMPROVEMENT PLAN**  
AVILA AVE & MEMOREX DR INTERSECTION

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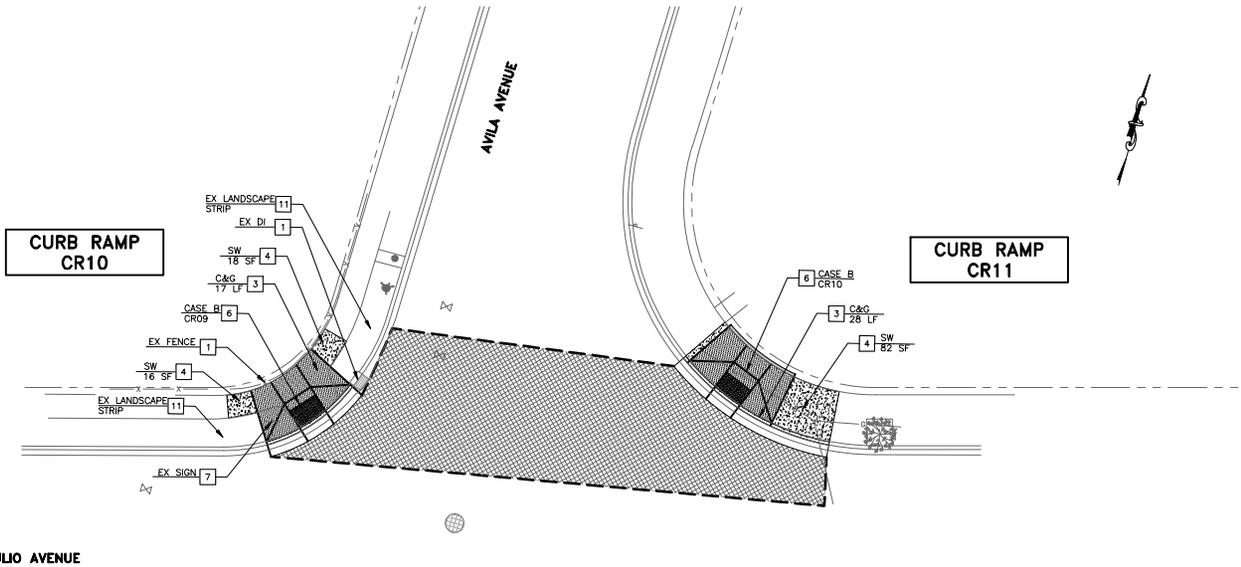
SEE SHEET 75 FOR  
GRADING DETAILS

**LEGEND**

-  CURB & GUTTER
-  SIDEWALK
-  CURB RAMP
-  DETECTABLE WARNING SURFACE
-  AC CONFORM
-  RETAINING CURB
-  RIGHT OF WAY

**PROJECT NOTES:**

- 1 PROTECT IN PLACE.
- 2 ADJUST TO GRADE
- 3 CONSTRUCT CURB AND GUTTER PER CITY STANDARD DETAIL ST-11 AND ST-12.
- 4 CONSTRUCT SIDEWALK PER CITY STANDARD DETAIL ST-12.
- 5 CONSTRUCT CURVED OR STRAIGHT CURB RAMP (CASE C) PER CITY STD DETAIL ST-14 OR ST-15. INSTALL CURB RAMP GROOVING AND TRUNCATED DOME PER CITY STD DETAIL ST-16.
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- 8 RESET EXISTING PPB ASSEMBLY POST PER CALTRANS STANDARD PLAN ES-7A.
- 9 REPLACE TRAFFIC PULL BOX (TPB) TO FINISH GRADE ON CONCRETE. (T-6).
- 10 RELOCATE EXISTING PPB ON SIGNAL POLE TO NEW PPB POST PER CALTRANS STANDARD PLAN ES-7A.
- 11 TO REMAIN.



**AVILA AVENUE & DI GIULIO AVENUE INTERSECTION**

SCALE: 1"=10'

DI GIULIO AVENUE



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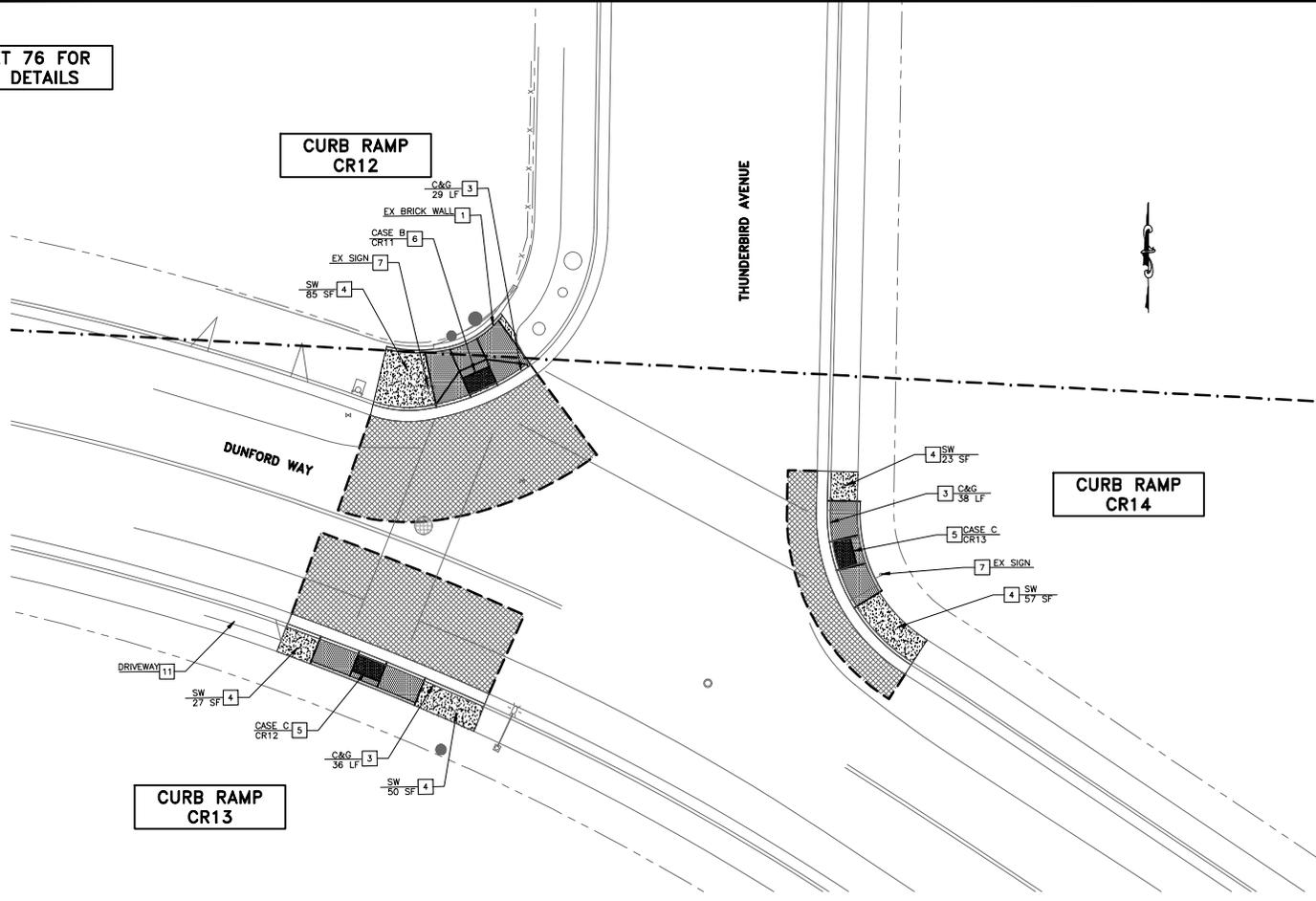
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2022 ANNUAL STREET MAINTENANCE  
AND REHABILITATION PROJECT  
**INTERSECTION IMPROVEMENT PLAN**  
DI GIULIO AVE & AVILA AVE INTERSECTION

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CHECKED BY MF	DATE	DATE	Survey No.
AS BUILT BY -	DATE	DATE	TRACING No.
			XXX,XXX-X
			SHEET 58 OF 89



SEE SHEET 76 FOR  
GRADING DETAILS



**LEGEND**

- CURB & GUTTER
- SIDEWALK
- CURB RAMP
- DETECTABLE WARNING SURFACE
- AC CONFORM
- RETAINING CURB
- RIGHT OF WAY

**PROJECT NOTES:**

- 1 PROTECT IN PLACE.
- 2 ADJUST TO GRADE
- 3 CONSTRUCT CURB AND GUTTER PER CITY STANDARD DETAIL ST-11 AND ST-12.
- 4 CONSTRUCT SIDEWALK PER CITY STANDARD DETAIL ST-12.
- 5 CONSTRUCT CURVED OR STRAIGHT CURB RAMP (CASE C) PER CITY STD DETAIL ST-14 OR ST-15. INSTALL CURB RAMP GROOVING AND TRUNCATED DOME PER CITY DETAIL ST-16.
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- 8 RESET EXISTING PPB ASSEMBLY POST PER CALTRANS STANDARD PLAN ES-7A.
- 9 REPLACE TRAFFIC PULL BOX (TPB) TO FINISH GRADE ON CONCRETE. (T-6).
- 10 RELOCATE EXISTING PPB ON SIGNAL POLE TO NEW PPB POST PER CALTRANS STANDARD PLAN ES-7A.
- 11 TO REMAIN.

**DUNFORD WAY & THUNDERBIRD AVENUE INTERSECTION**  
SCALE: 1"=10'



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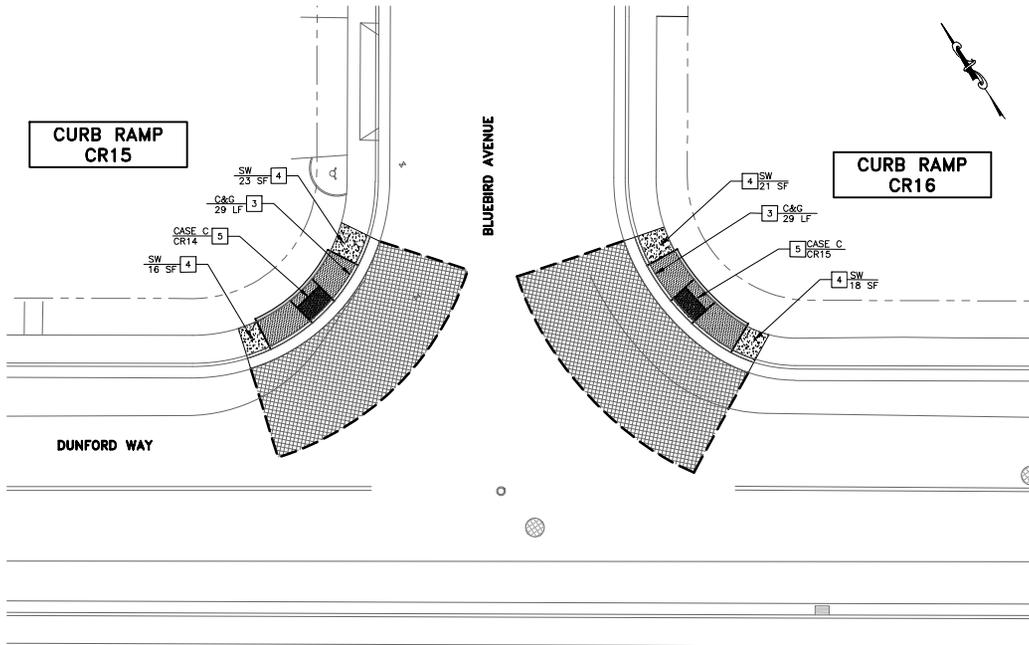


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AND REHABILITATION PROJECT  
**INTERSECTION IMPROVEMENT PLAN**  
DUNFORD WY & THUNDERBIRD AVE INTERSECTION

APPROVED BY		TITLE	
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TRACING No.			XXX,XXX-X
SHEET			59 OF 89

SEE SHEET 77 FOR  
GRADING DETAILS



**DUNFORD WAY & BLUEBIRD AVENUE INTERSECTION**  
SCALE: 1"=10'

**LEGEND**

- CURB & GUTTER
- SIDEWALK
- CURB RAMP
- DETECTABLE WARNING SURFACE
- AC CONFORM
- RETAINING CURB
- RIGHT OF WAY

**PROJECT NOTES:**

- 1 PROTECT IN PLACE.
- 2 ADJUST TO GRADE.
- 3 CONSTRUCT CURB AND GUTTER PER CITY STANDARD DETAIL ST-11 AND ST-12.
- 4 CONSTRUCT SIDEWALK PER CITY STANDARD DETAIL ST-12.
- 5 CONSTRUCT CURVED OR STRAIGHT CURB RAMP (CASE C) PER CITY STD DETAIL ST-14 OR ST-15. INSTALL CURB RAMP GROOVING AND TRUNCATED DOME PER CITY STD DETAIL ST-16.
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- 9 REPLACE TRAFFIC PULL BOX (TPB) TO FINISH GRADE ON CONCRETE. (T-6).
- 10 RELOCATE EXISTING PPB ON SIGNAL POLE TO NEW PPB POST PER CALTRANS STANDARD PLAN ES-7A.
- 11 TO REMAIN.



VERIFY SCALES: BAR SHOWN IS ONE INCH ON ORIGINAL DRAWING.  
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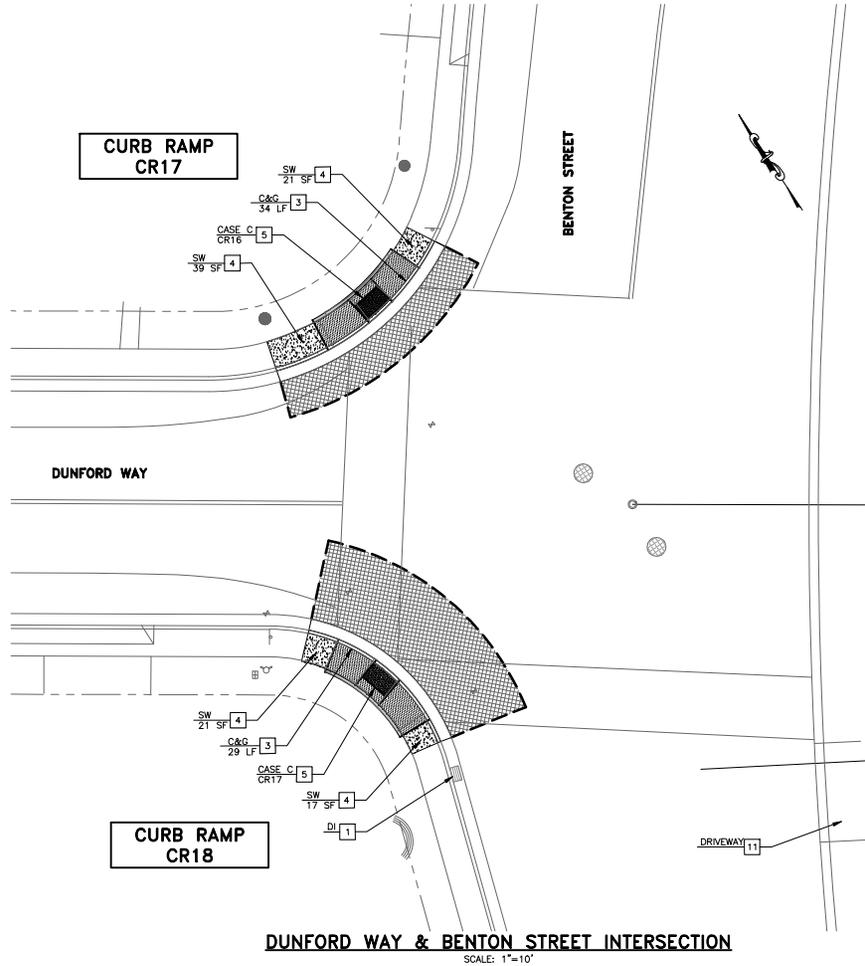


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**CITY OF SANTA CLARA**  
ENGINEERING DEPARTMENT  
**2022 ANNUAL STREET MAINTENANCE AND REHABILITATION PROJECT**  
**INTERSECTION IMPROVEMENT PLAN**  
**DUNFORD WY & BLUEBIRD AVE INTERSECTION**

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SHEET			80 OF 89

SEE SHEET 78 FOR  
GRADING DETAILS



**LEGEND**

- CURB & GUTTER
- SIDEWALK
- CURB RAMP
- DETECTABLE WARNING SURFACE
- AC CONFORM
- RETAINING CURB
- RIGHT OF WAY

**PROJECT NOTES:**

- 1 PROTECT IN PLACE.
- 2 ADJUST TO GRADE
- 3 CONSTRUCT CURB AND GUTTER PER CITY STANDARD DETAIL ST-11 AND ST-12.
- 4 CONSTRUCT SIDEWALK PER CITY STANDARD DETAIL ST-12.
- 5 CONSTRUCT CURVED OR STRAIGHT CURB RAMP (CASE C) PER CITY STD DETAIL ST-14 OR ST-15. INSTALL CURB RAMP GROOVING AND TRUNCATED DOME PER CITY STD DETAIL ST-16.
- 6 CONSTRUCT CURB RAMP PER CALTRANS STD PLAN AB8A AND AB8B. INSTALL CURB RAMP GROOVING AND TRUNCATED DOME PER CITY STD DETAIL ST-16. ALL CURB RAMP SHALL HAVE A MINIMUM OF 4" PCC OVER 4" CLASS 2 AS AND A MINIMUM OF 18" WIDE BY 12" DEEP AC DEEPLIFT PLUG.
- 7 RESET OR RELOCATE SIGN ON NEW FOUNDATION PER CITY STANDARD DETAIL TR-1.
- 8 RESET EXISTING PPB ASSEMBLY POST PER CALTRANS STANDARD PLAN ES-7A.
- 9 REPLACE TRAFFIC PULL BOX (TPB) TO FINISH GRADE ON CONCRETE. (T-6).
- 10 RELOCATE EXISTING PPB ON SIGNAL POLE TO NEW PPB POST PER CALTRANS STANDARD PLAN ES-7A.
- 11 TO REMAIN.

**DUNFORD WAY & BENTON STREET INTERSECTION**

SCALE: 1"=10'



VERIFY SCALES: BAR SHOWN IS ONE INCH ON ORIGINAL DRAWING.  
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ENGINEERING DEPARTMENT  
2022 ANNUAL STREET MAINTENANCE  
AND REHABILITATION PROJECT  
**INTERSECTION IMPROVEMENT PLAN**  
**DUNFORD WY & BENTON ST INTERSECTION**

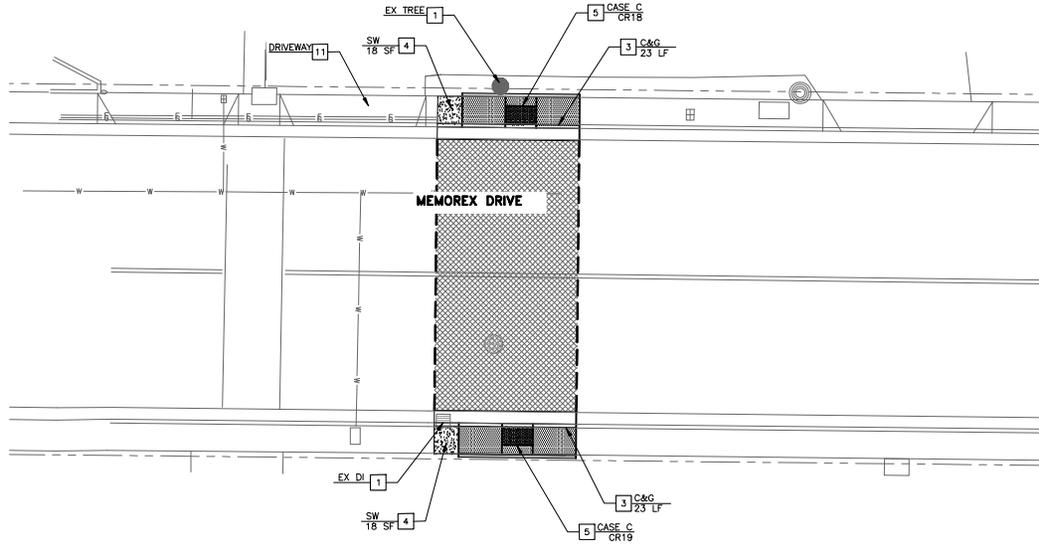
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TRACING No.			XXX,XXX-X
SHEET			61 OF 89

SEE SHEET 79 FOR GRADING DETAILS

**LEGEND**

-  CURB & GUTTER
-  SIDEWALK
-  CURB RAMP
-  DETECTABLE WARNING SURFACE
-  AC CONFORM
-  RETAINING CURB
-  RIGHT OF WAY

**CURB RAMP CR19**



**CURB RAMP CR20**

**MEMOREX DRIVE**  
SCALE: 1"=10'

**PROJECT NOTES:**

- 1 PROTECT IN PLACE.
- 2 ADJUST TO GRADE.
- 3 CONSTRUCT CURB AND GUTTER PER CITY STANDARD DETAIL ST-11 AND ST-12.
- 4 CONSTRUCT SIDEWALK PER CITY STANDARD DETAIL ST-12.
- 5 CONSTRUCT CURVED OR STRAIGHT CURB RAMP (CASE C) PER CITY STD DETAIL ST-14 OR ST-15. INSTALL CURB RAMP GROOVING AND TRUNCATED DOME PER CITY STD DETAIL ST-16.
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- 9 REPLACE TRAFFIC PULL BOX (TPB) TO FINISH GRADE ON CONCRETE. (T-6).
- 10 RELOCATE EXISTING PPB ON SIGNAL POLE TO NEW PPB POST PER CALTRANS STANDARD PLAN ES-7A.
- 11 TO REMAIN.



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**INTERSECTION IMPROVEMENT PLAN**  
MEMOREX DR

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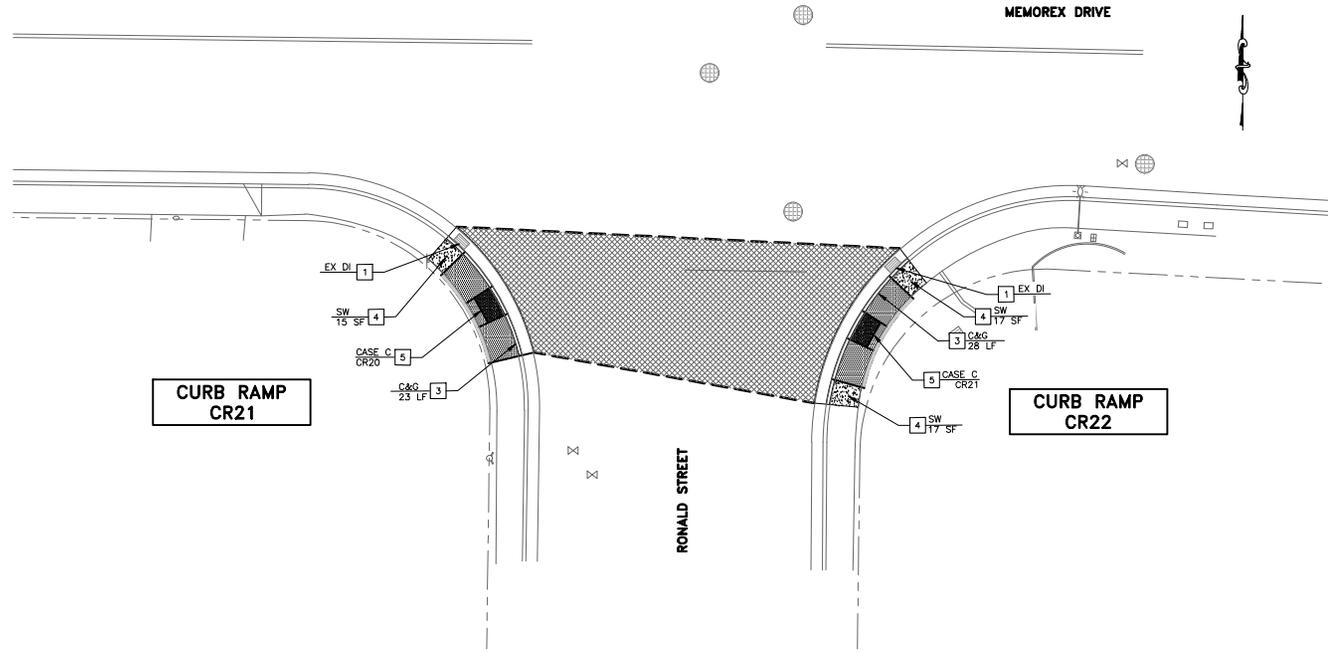
SEE SHEET 80 FOR  
GRADING DETAILS

**LEGEND**

-  CURB & GUTTER
-  SIDEWALK
-  CURB RAMP
-  DETECTABLE WARNING SURFACE
-  AC CONFORM
-  RETAINING CURB
-  RIGHT OF WAY

**PROJECT NOTES:**

- 1 PROTECT IN PLACE.
- 2 ADJUST TO GRADE
- 3 CONSTRUCT CURB AND GUTTER PER CITY STANDARD DETAIL ST-11 AND ST-12.
- 4 CONSTRUCT SIDEWALK PER CITY STANDARD DETAIL ST-12.
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- 10 RELOCATE EXISTING PPB ON SIGNAL POLE TO NEW PPB POST PER CALTRANS STANDARD PLAN ES-7A.
- 11 TO REMAIN.



**CURB RAMP  
CR21**

**CURB RAMP  
CR22**

**MEMOREX DRIVE & RONALD STREET INTERSECTION**

SCALE: 1"=10'



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AND REHABILITATION PROJECT

**INTERSECTION IMPROVEMENT PLAN**  
MEMOREX DR & RONALD ST INTERSECTION

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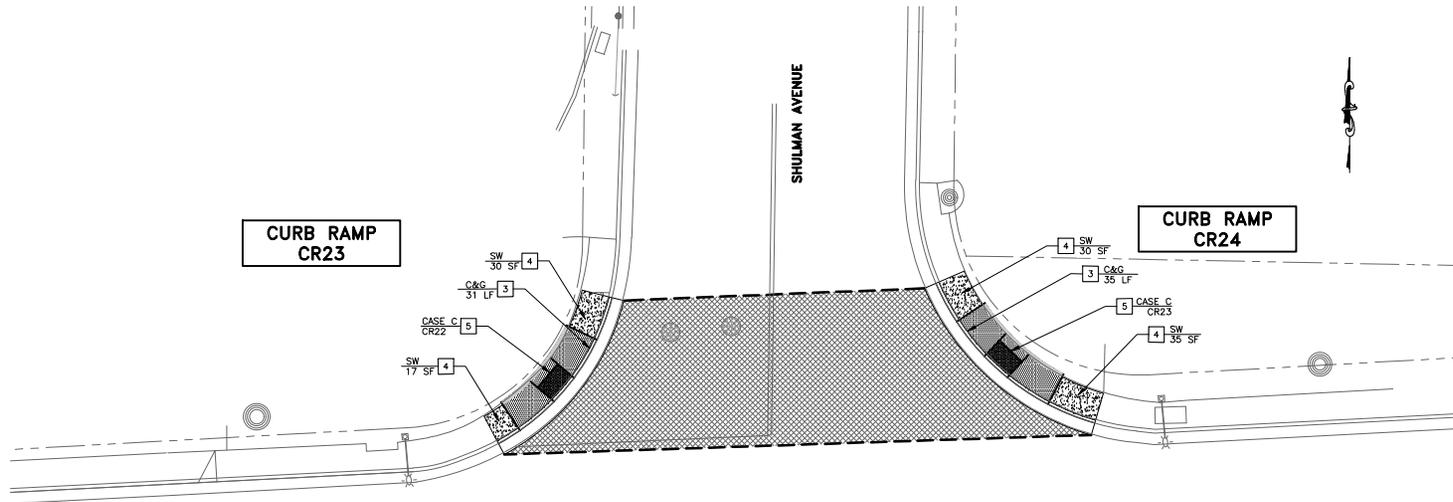
SEE SHEET 81 FOR  
GRADING DETAILS

**LEGEND**

-  CURB & GUTTER
-  SIDEWALK
-  CURB RAMP
-  DETECTABLE WARNING SURFACE
-  AC CONFORM
-  RETAINING CURB
-  RIGHT OF WAY

**PROJECT NOTES:**

- 1 PROTECT IN PLACE.
- 2 ADJUST TO GRADE.
- 3 CONSTRUCT CURB AND GUTTER PER CITY STANDARD DETAIL ST-11 AND ST-12.
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- 10 RELOCATE EXISTING PPB ON SIGNAL POLE TO NEW PPB POST PER CALTRANS STANDARD PLAN ES-7A.
- 11 TO REMAIN.



MEMOREX DRIVE

SHULMAN AVENUE

**CURB RAMP  
CR23**

**CURB RAMP  
CR24**

**MEMOREX DRIVE & SHULMAN AVENUE INTERSECTION**

SCALE: 1"=10'



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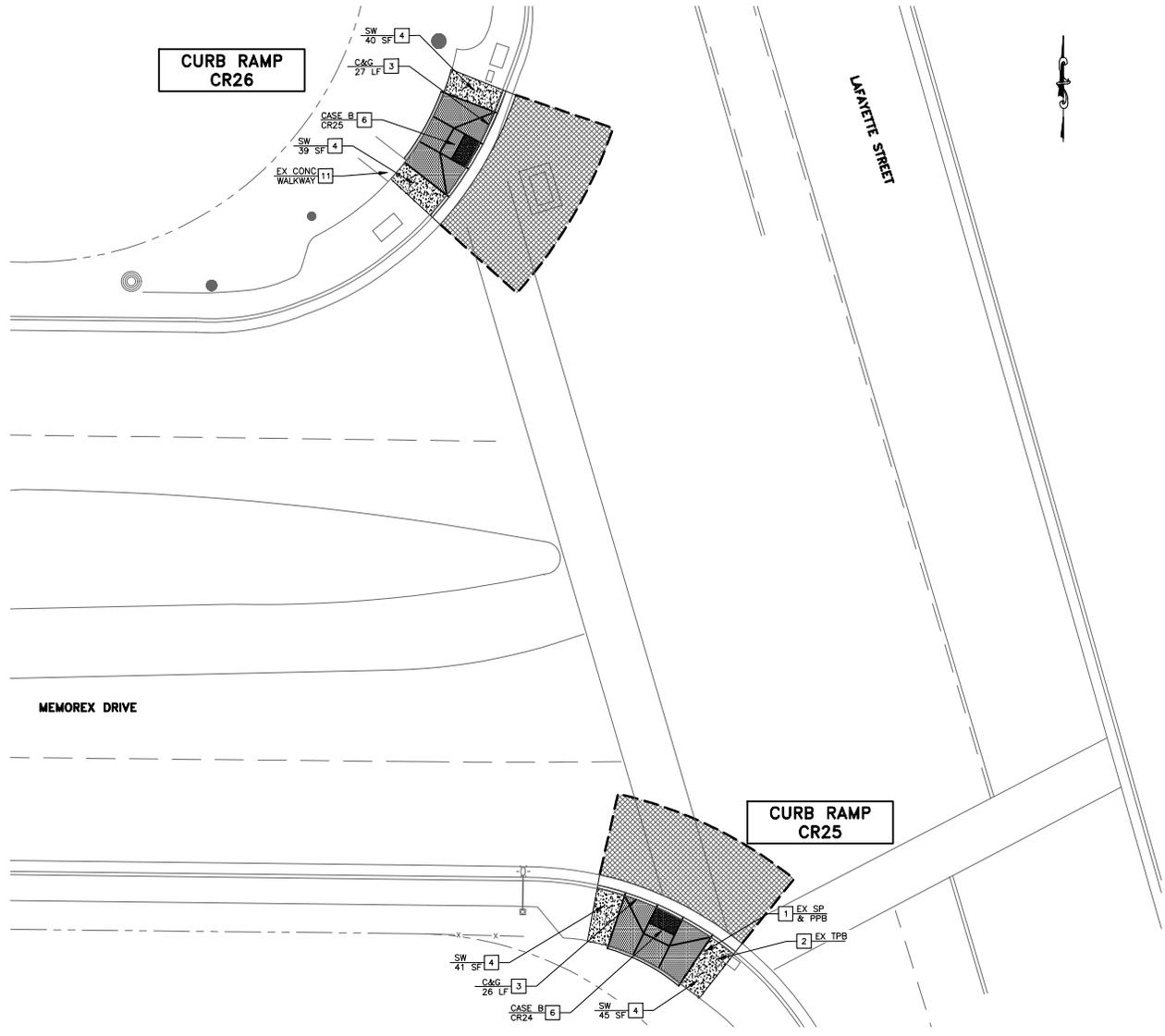
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MEMOREX DR & SHULMAN AVE INTERSECTION

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SHEET			64 OF 89

SEE SHEET 82 FOR GRADING DETAILS

CURB RAMP CR26

CURB RAMP CR25



**LEGEND**

[Pattern]	CURB & GUTTER
[Pattern]	SIDEWALK
[Pattern]	CURB RAMP
[Pattern]	DETECTABLE WARNING SURFACE
[Pattern]	AC CONFORM
[Pattern]	RETAINING CURB
[Line]	RIGHT OF WAY

- PROJECT NOTES:**
- 1 PROTECT IN PLACE.
  - 2 ADJUST TO GRADE
  - 3 CONSTRUCT CURB AND GUTTER PER CITY STANDARD DETAIL ST-11 AND ST-12.
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  - 9 REPLACE TRAFFIC PULL BOX (TPB) TO FINISH GRADE ON CONCRETE. (T-6).
  - 10 RELOCATE EXISTING PPB ON SIGNAL POLE TO NEW PPB POST PER CALTRANS STANDARD PLAN ES-7A.
  - 11 TO REMAIN.

MEMOREX DRIVE

LAFAYETTE STREET

**MEMOREX DRIVE & LAFAYETTE STREET INTERSECTION**

SCALE: 1"=10'

Prepared by:

Employee - Owned

Designer Stamp:

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**CITY OF SANTA CLARA**  
ENGINEERING DEPARTMENT

2022 ANNUAL STREET MAINTENANCE AND REHABILITATION PROJECT

**INTERSECTION IMPROVEMENT PLAN**  
MEMOREX DR & LAFAYETTE ST INTERSECTION

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GRAPHIC SCALE

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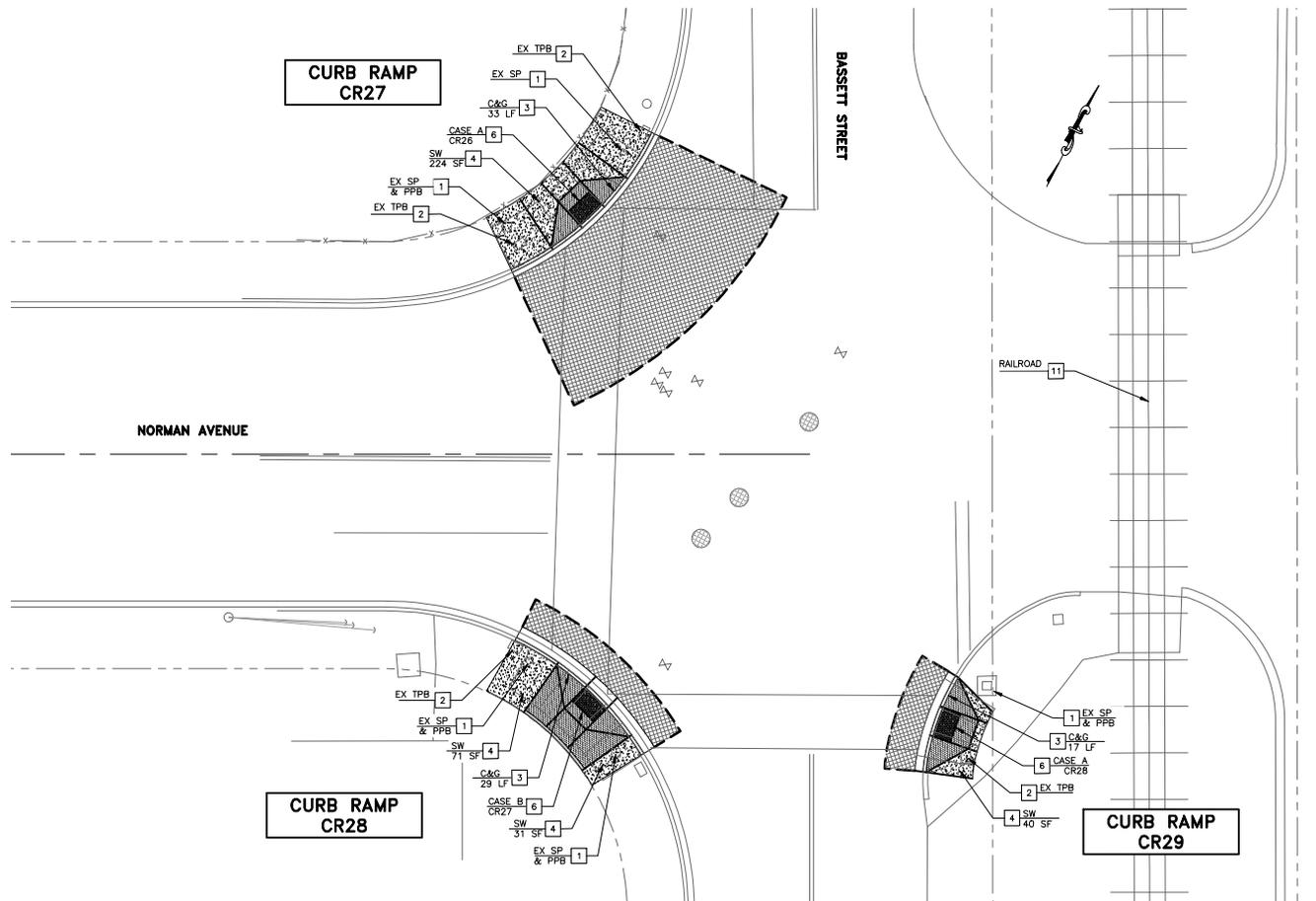
SEE SHEET 83 FOR GRADING DETAILS

**LEGEND**

-  CURB & GUTTER
-  SIDEWALK
-  CURB RAMP
-  DETECTABLE WARNING SURFACE
-  AC CONFORM
-  RETAINING CURB
-  RIGHT OF WAY

**PROJECT NOTES:**

- 1 PROTECT IN PLACE.
- 2 ADJUST TO GRADE
- 3 CONSTRUCT CURB AND GUTTER PER CITY STANDARD DETAIL ST-11 AND ST-12.
- 4 CONSTRUCT SIDEWALK PER CITY STANDARD DETAIL ST-12.
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- 10 RELOCATE EXISTING PPB ON SIGNAL POLE TO NEW PPB POST PER CALTRANS STANDARD PLAN ES-7A.
- 11 TO REMAIN.



**NORMAN AVENUE & BASSETT STREET INTERSECTION**

SCALE: 1"=10'



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2022 ANNUAL STREET MAINTENANCE AND REHABILITATION PROJECT  
**INTERSECTION IMPROVEMENT PLAN**  
NORMAN AVE & BASSETT ST INTERSECTION

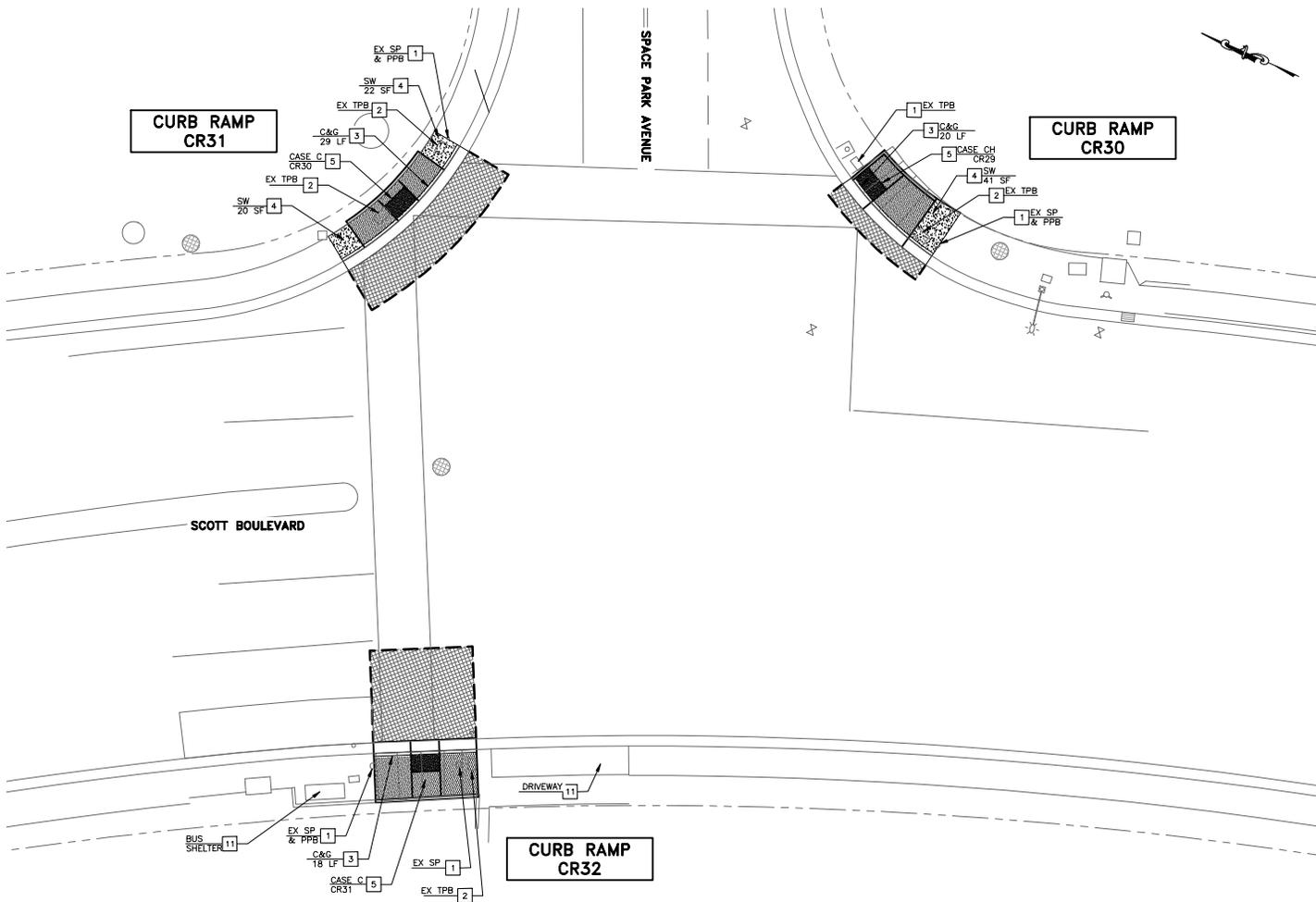
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SHEET			66 OF 89

SEE SHEET 84 FOR GRADING DETAILS

**LEGEND**

	CURB & GUTTER
	SIDEWALK
	CURB RAMP
	DETECTABLE WARNING SURFACE
	AC CONFORM
	RETAINING CURB
	RIGHT OF WAY

- PROJECT NOTES:**
- 1 PROTECT IN PLACE.
  - 2 ADJUST TO GRADE
  - 3 CONSTRUCT CURB AND GUTTER PER CITY STANDARD DETAIL ST-11 AND ST-12.
  - 4 CONSTRUCT SIDEWALK PER CITY STANDARD DETAIL ST-12.
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  - 9 REPLACE TRAFFIC PULL BOX (TPB) TO FINISH GRADE ON CONCRETE. (T-6).
  - 10 RELOCATE EXISTING PPB ON SIGNAL POLE TO NEW PPB POST PER CALTRANS STANDARD PLAN ES-7A.
  - 11 TO REMAIN.



**SCOTT BOULEVARD & SPACE PARK AVENUE INTERSECTION**

SCALE: 1"=10'



VERIFY SCALES: BAR SHOWN IS ONE INCH ON ORIGINAL DRAWING.  
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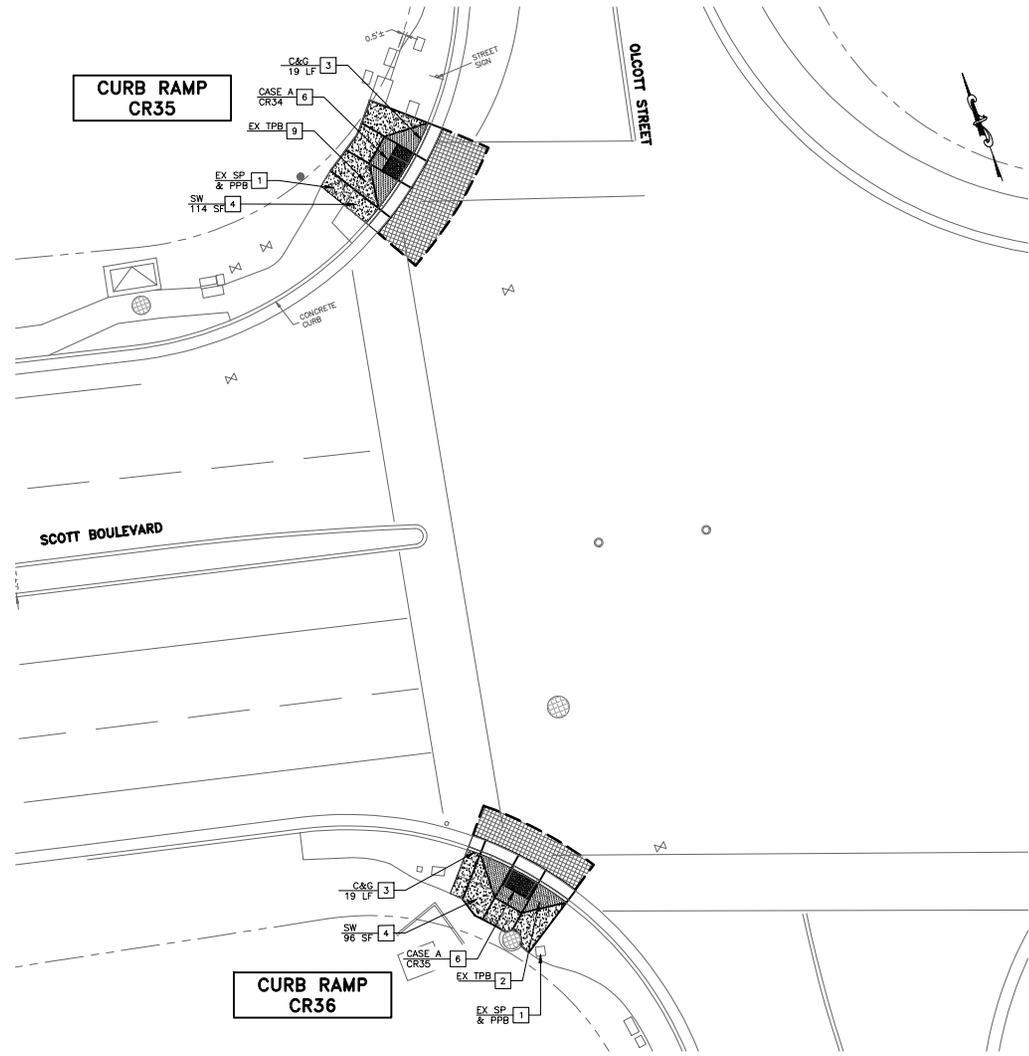
2022 ANNUAL STREET MAINTENANCE AND REHABILITATION PROJECT

**INTERSECTION IMPROVEMENT PLAN**  
SCOTT BLVD & SPACE PARK AVE INTERSECTION

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SEE SHEET 86 FOR  
GRADING DETAILS



**LEGEND**

- CURB & GUTTER
- SIDEWALK
- CURB RAMP
- DETECTABLE WARNING SURFACE
- AC CONFORM
- RETAINING CURB
- RIGHT OF WAY

**PROJECT NOTES:**

- 1 PROTECT IN PLACE.
- 2 ADJUST TO GRADE
- 3 CONSTRUCT CURB AND GUTTER PER CITY STANDARD DETAIL ST-11 AND ST-12.
- 4 CONSTRUCT SIDEWALK PER CITY STANDARD DETAIL ST-12.
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- 9 REPLACE TRAFFIC PULL BOX (TPB) TO FINISH GRADE ON CONCRETE. (T-6).
- 10 RELOCATE EXISTING PPB ON SIGNAL POLE TO NEW PPB POST PER CALTRANS STANDARD PLAN ES-7A.
- 11 TO REMAIN.

**SCOTT BOULEVARD & OLCOTT STREET INTERSECTION**

SCALE: 1"=10'



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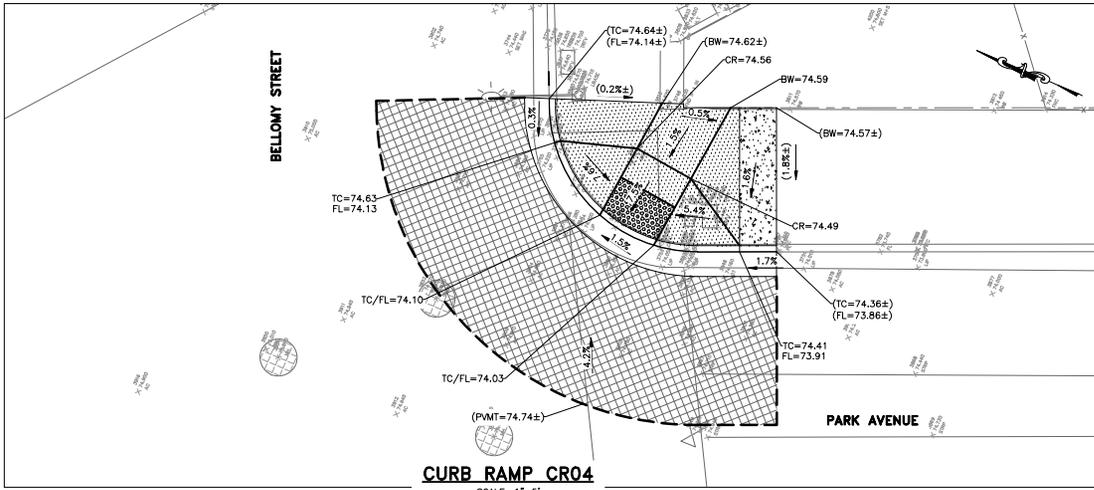
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AND REHABILITATION PROJECT  
**INTERSECTION IMPROVEMENT PLAN**  
**SCOTT BLVD & OLCOTT ST INTERSECTION**

APPROVED BY	TITLE	DATE	R.C.E. No.
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SHEET **69** OF **89**

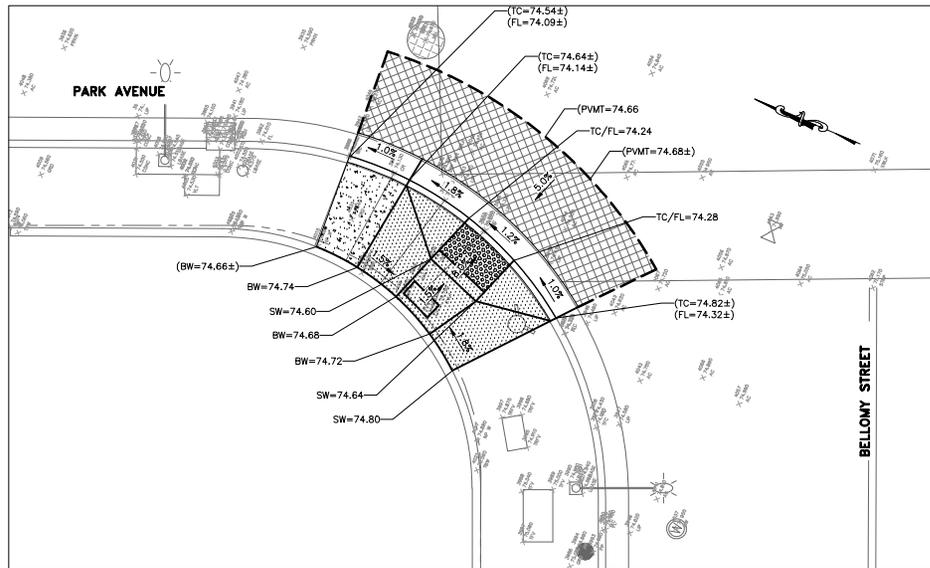




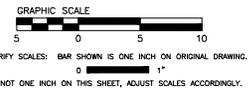
**CURB RAMP CR04**  
SCALE: 1"=5'

- LEGEND**
- CURB & GUTTER
  - SIDEWALK
  - CURB RAMP
  - DETECTABLE WARNING SURFACE
  - AC CONFORM
  - RETAINING CURB
  - RIGHT OF WAY
  - (TC 100.65±, FL 100.15±) EXISTING ELEVATION, CONFORM
  - TC 100.65, FL 100.15 PROPOSED ELEVATION
  - (0.3%±) EXISTING SLOPE
  - 1.5% PROPOSED SLOPE
  - SURVEY TEMPORARY CONTROL

- CONSTRUCTION NOTES:**
- ALL CURB RAMPS SHALL COMPLY WITH THE MAXIMUM SLOPES, MINIMUM DIMENSIONS, DETECTABLE WARNING SURFACE, AND OTHER MISCELLANEOUS REQUIREMENTS PER CITY STANDARD AND AS SHOWN ON CALTRANS STANDARD PLAN 885A AND 885B.
  - SIDEWALK DETAIL SHALL COMPLY WITH CITY STANDARD.
  - THE 18 INCH WIDE BAND AC PLUG IS CONSIDERED PART OF THE NEW CURB RAMP, OR CURB AND GUTTER PAVEMENTS AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
  - CONFORM TO EXISTING SIDEWALK AND CURB & GUTTER AT NEAREST SCORELINE/CONSTRUCTION JOINT.
  - SCORE LINE PATTERNS ON NEW SIDEWALK SHALL MATCH EXISTING ON ADJACENT SIDEWALK.
  - CONTRACTOR SHALL NOTIFY UNDERGROUND SERVICE ALERT PRIOR TO THE START OF CONSTRUCTION.
  - MAINTAIN EXISTING CURB RETURN RADIUS AND FLOW LINE ALIGNMENT, UNLESS NOTED OTHERWISE.
  - CONTRACTOR TO COORDINATE WITH IMPACTED UTILITY FACILITY COMPANIES PRIOR TO THE START OF CONSTRUCTION.
  - EXISTING LANDSCAPE OR LAWN IRRIGATION SYSTEM SHALL BE ADJUSTED ACCORDINGLY TO FIT NEW CURB RAMP.
  - ALL MANHOLES, VALVES AND PULL BOXES WITHIN THE LIMIT OF CONCRETE IMPROVEMENT SHALL BE ADJUSTED TO FINAL GRADE.
  - ALL IMPROVEMENT SHALL BE WITHIN CITY RIGHT OF WAY, UNLESS OTHERWISE NOTED.



**CURB RAMP CR05**  
SCALE: 1"=5'



Prepared by: Employee - Owned

Designer Stamp:

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**CITY OF SANTA CLARA**  
ENGINEERING DEPARTMENT

2022 ANNUAL STREET MAINTENANCE AND REHABILITATION PROJECT

**CURB RAMP GRADING PLAN**  
PARK AVE & BELLOMY ST INTERSECTION

APPROVED BY	TITLE
DATE	R.C.E. No.
DESIGNED BY DS	DATE 11/22
DRAWN BY EB/AA	DATE 11/22
CHECKED BY MF	DATE 11/22
AS BUILT BY	DATE

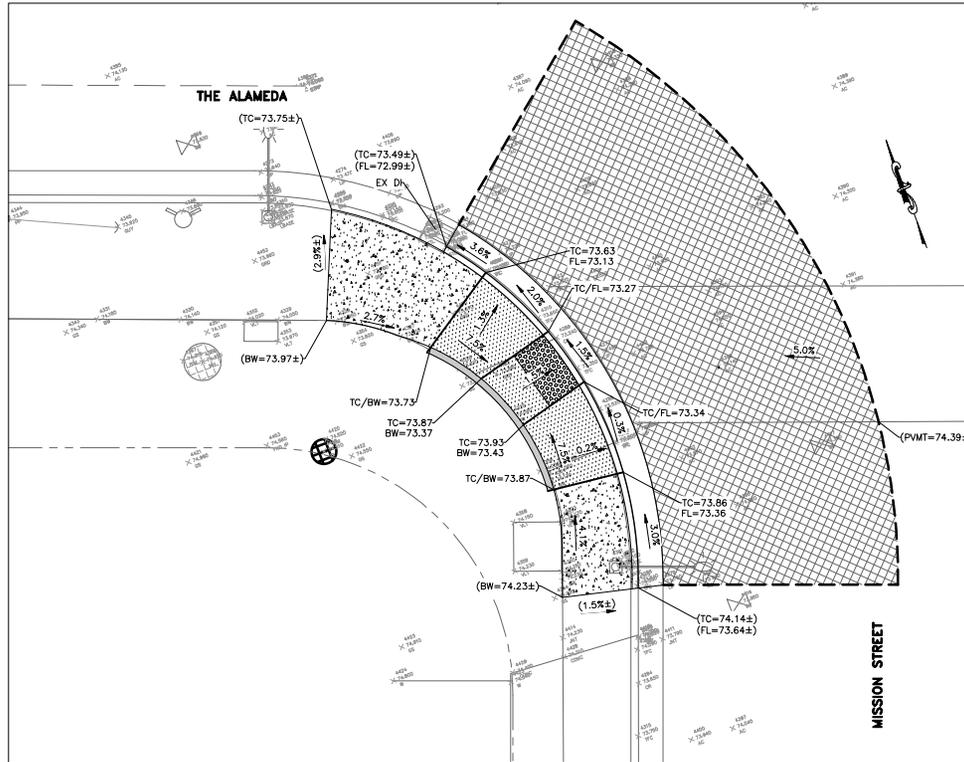
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SHEET **71** OF **89**



**LEGEND**

-  CURB & GUTTER
-  SIDEWALK
-  CURB RAMP
-  DETECTABLE WARNING SURFACE
-  AC CONFORM
-  RETAINING CURB
-  RIGHT OF WAY
-  (TC 100.65±)  
(FL 100.15±) EXISTING ELEVATION, CONFORM
-  TC 100.65  
FL 100.15 PROPOSED ELEVATION
-  0.3%± EXISTING SLOPE
-  1.5%± PROPOSED SLOPE
-  SURVEY TEMPORARY CONTROL



**CONSTRUCTION NOTES:**

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4. CONFORM TO EXISTING SIDEWALK AND CURB & GUTTER AT NEAREST SCORELINE/CONSTRUCTION JOINT.
5. SCORE LINE PATTERNS ON NEW SIDEWALK SHALL MATCH EXISTING ON ADJACENT SIDEWALK.
6. CONTRACTOR SHALL NOTIFY UNDERGROUND SERVICE ALERT PRIOR TO THE START OF CONSTRUCTION.
7. MAINTAIN EXISTING CURB RETURN RADIUS AND FLOW LINE ALIGNMENT, UNLESS NOTED OTHERWISE.
8. CONTRACTOR TO COORDINATE WITH IMPACTED UTILITY FACILITY COMPANIES PRIOR TO THE START OF CONSTRUCTION.
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10. ALL MANHOLES, VALVES AND PULL BOXES WITHIN THE LIMIT OF CONCRETE IMPROVEMENT SHALL BE ADJUSTED TO FINAL GRADE.
11. ALL IMPROVEMENT SHALL BE WITHIN CITY RIGHT OF WAY, UNLESS OTHERWISE NOTED.

**CURB RAMP CR06**

SCALE: 1"=5'



VERIFY SCALES: BAR SHOWN IS ONE INCH ON ORIGINAL DRAWING.  
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Employee - Owned

Designer Stamp:



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ACCOUNT No. -

DATE No. REVISION BY

**CITY OF SANTA CLARA**  
ENGINEERING DEPARTMENT

2022 ANNUAL STREET MAINTENANCE  
AND REHABILITATION PROJECT

**CURB RAMP GRADING PLAN**  
THE ALAMEDA & MISSION ST INTERSECTION

APPROVED BY

TITLE

DATE

DATE

DESIGNED BY DS/-/-/22

DRAWN BY EB/AA/-/-/22

CHECKED BY MF/-/-/22

AS BUILT BY -/-/-/22

R.C.E. No.

Survey No.

TRACING No.

XX,XXX-X

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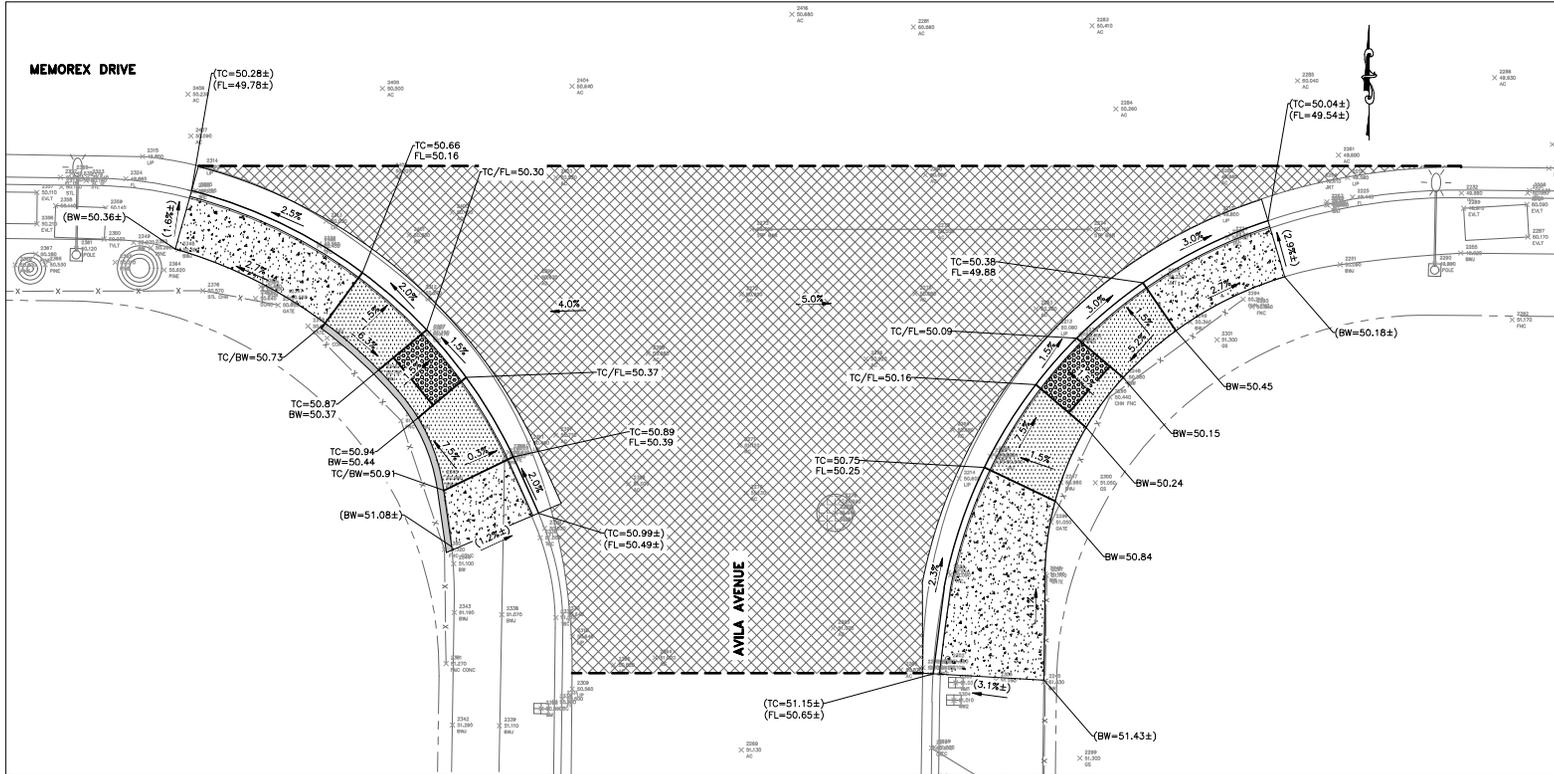


**LEGEND**

-  CURB & GUTTER
-  SIDEWALK
-  CURB RAMP
-  DETECTABLE WARNING SURFACE
-  AC CONFORM
-  RETAINING CURB
-  RIGHT OF WAY
-  (TC 100.65±)  
(FL 100.15±) EXISTING ELEVATION, CONFORM
-  TC 100.65  
FL 100.15 PROPOSED ELEVATION
-  (0.3%±) EXISTING SLOPE
-  1.5% PROPOSED SLOPE
-  SURVEY TEMPORARY CONTROL

**CONSTRUCTION NOTES:**

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**CURB RAMP CR08**

SCALE: 1"=5'

**CURB RAMP CR09**

SCALE: 1"=5'



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2022 ANNUAL STREET MAINTENANCE AND REHABILITATION PROJECT	
<b>CURB RAMP GRADING PLAN</b>	
AVILA AVE & MEMOREX DR INTERSECTION	

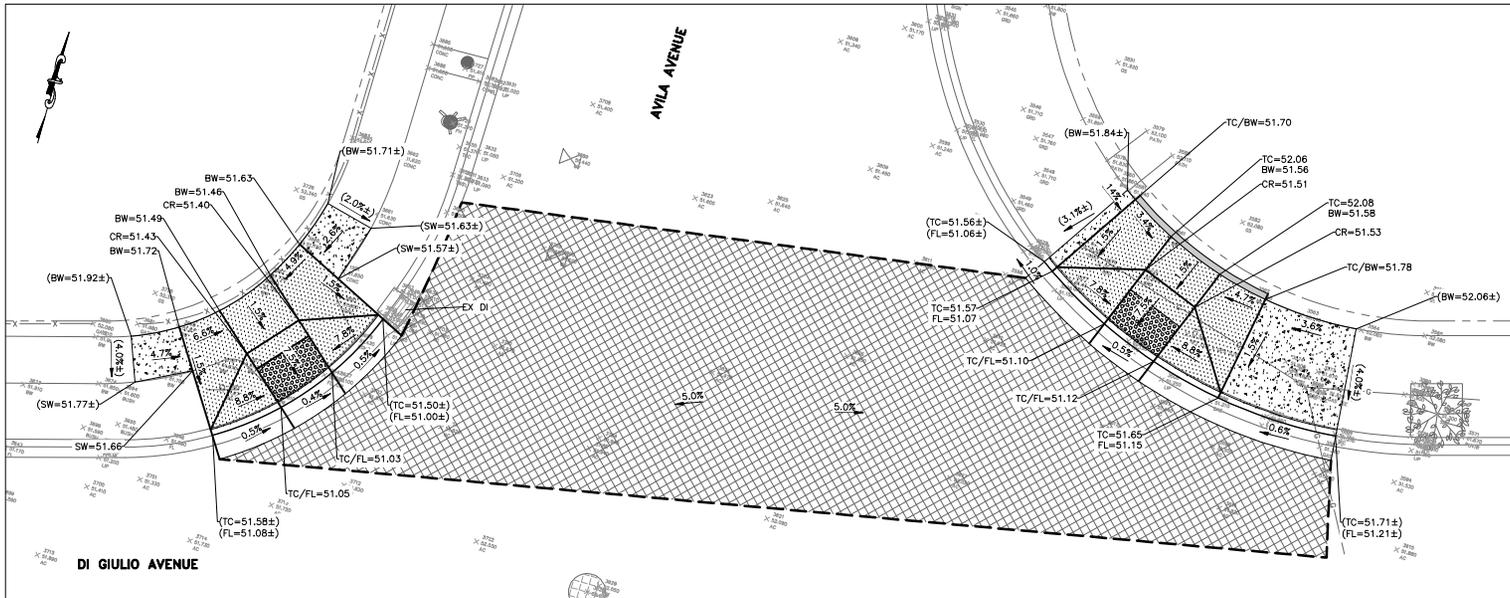
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CHECKED BY	MF		
AS BUILT BY	-		
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SHEET		74 OF 89	

**LEGEND**

-  CURB & GUTTER
-  SIDEWALK
-  CURB RAMP
-  DETECTABLE WARNING SURFACE
-  AC CONFORM
-  RETAINING CURB
-  RIGHT OF WAY
-  (TO 100.65±)  
(FL 100.15±) EXISTING ELEVATION, CONFORM
-  TC 100.65  
FL 100.15 PROPOSED ELEVATION
-  0.3%± EXISTING SLOPE
-  1.5% PROPOSED SLOPE
-  SURVEY TEMPORARY CONTROL

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**CURB RAMP CR10**

SCALE: 1"=5'

**CURB RAMP CR11**

SCALE: 1"=5'



GRAPHIC SCALE  
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**CITY OF SANTA CLARA**  
ENGINEERING DEPARTMENT  
**2022 ANNUAL STREET MAINTENANCE AND REHABILITATION PROJECT**  
**CURB RAMP GRADING PLAN**  
**DI GIULIO AVE & AVILA AVE INTERSECTION**

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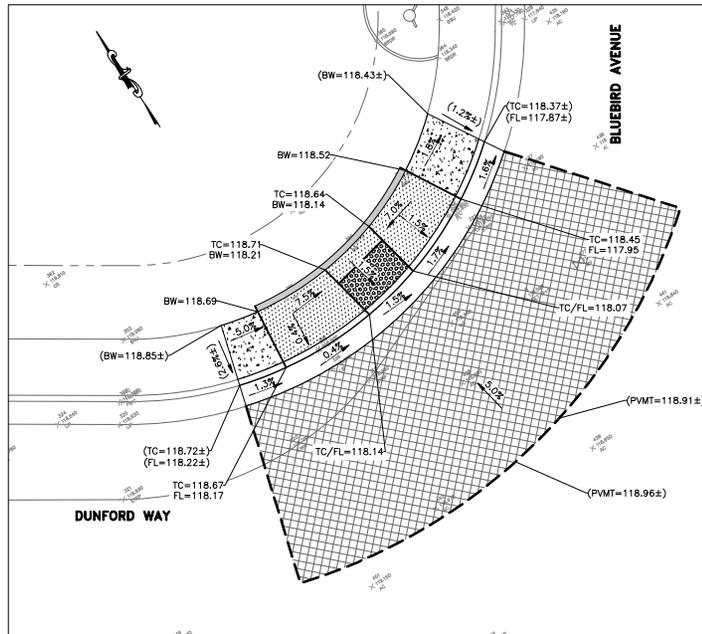


**LEGEND**

-  CURB & GUTTER
-  SIDEWALK
-  CURB RAMP
-  DETECTABLE WARNING SURFACE
-  AC CONFORM
-  RETAINING CURB
-  RIGHT OF WAY
-  (TC 100.65±)  
(FL 100.15±) EXISTING ELEVATION, CONFORM
-  TC 100.65  
FL 100.15 PROPOSED ELEVATION
-  0.3%± EXISTING SLOPE
-  1.5% PROPOSED SLOPE
-  △ SURVEY TEMPORARY CONTROL

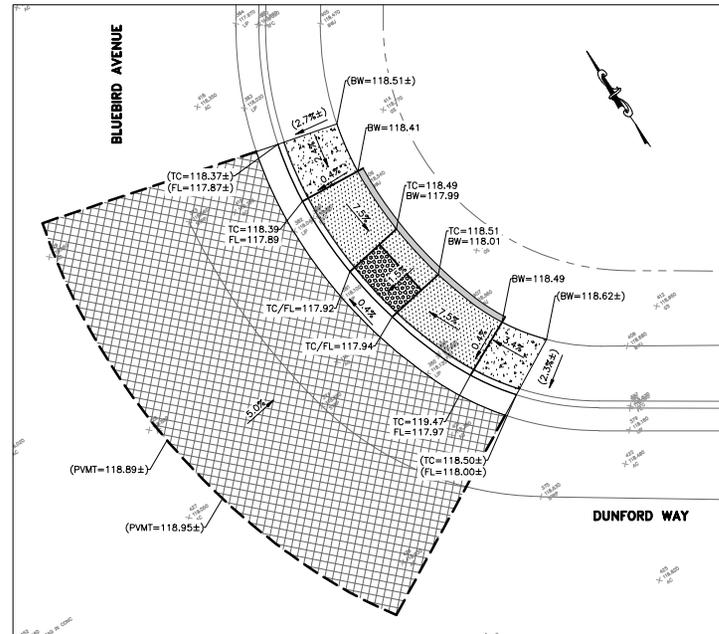
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**CURB RAMP CR15**

SCALE: 1"=5'



**CURB RAMP CR16**

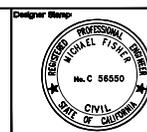
SCALE: 1"=5'



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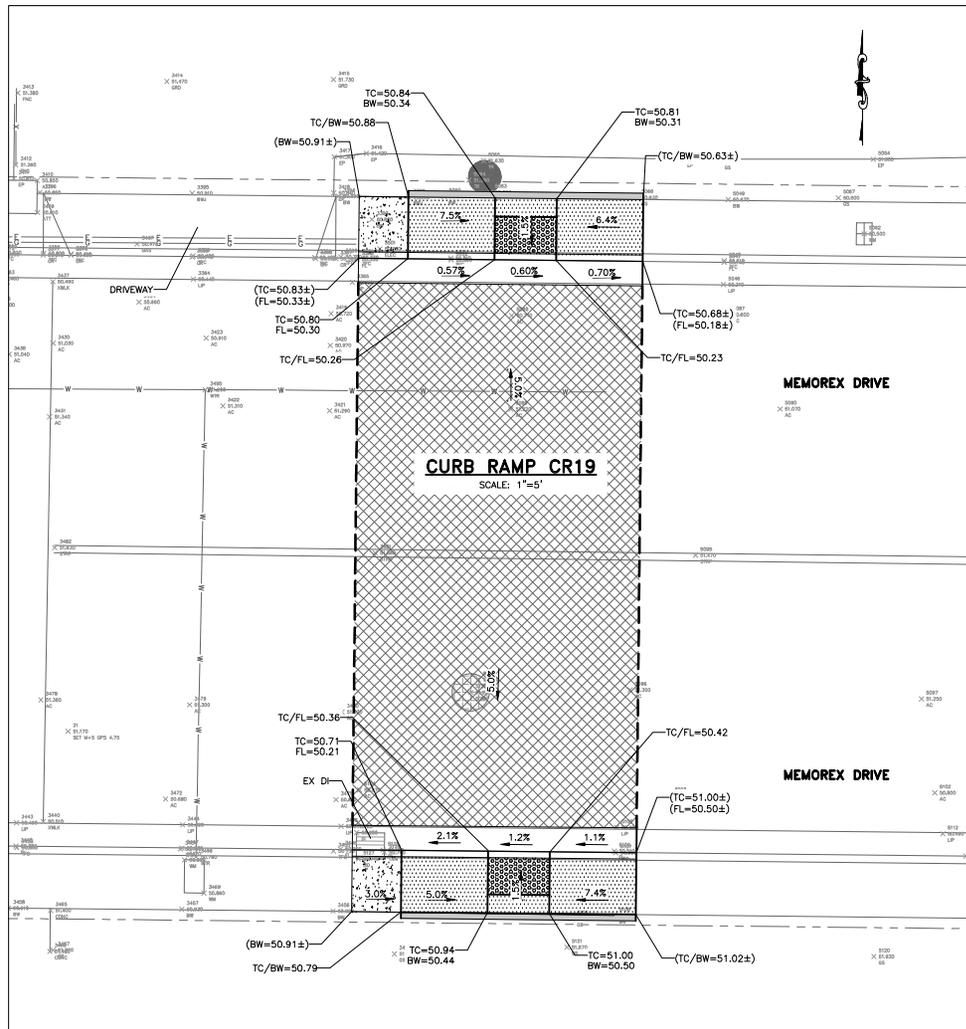


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**CITY OF SANTA CLARA**  
ENGINEERING DEPARTMENT  
**2022 ANNUAL STREET MAINTENANCE AND REHABILITATION PROJECT**  
**CURB RAMP GRADING PLAN**  
**DUNFORD WY & BLUEBIRD AVE INTERSECTION**

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CHECKED BY	MF		
AS BUILT BY	-		
TRACING No.			XX,XXX-X
SHEET			77 OF 89





**LEGEND**

	CURB & GUTTER
	SIDEWALK
	CURB RAMP
	DETECTABLE WARNING SURFACE
	AC CONFORM
	RETAINING CURB
	RIGHT OF WAY
	(TO 100.65±) FL 100.15± EXISTING ELEVATION, CONFORM
	TC 100.65 FL 100.15 PROPOSED ELEVATION
	(0.3%±) EXISTING SLOPE
	1.5% PROPOSED SLOPE
	△ SURVEY TEMPORARY CONTROL

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**CURB RAMP CR20**  
SCALE: 1"=5'



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**CITY OF SANTA CLARA**  
ENGINEERING DEPARTMENT  
2022 ANNUAL STREET MAINTENANCE  
AND REHABILITATION PROJECT  
**CURB RAMP GRADING PLAN**  
MEMOREX DR

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DESIGNED BY DS	DATE
DRAWN BY EB/AA	Survey No.
CHECKED BY MF	TRACING No.
AS BUILT BY	XX,XXX-X
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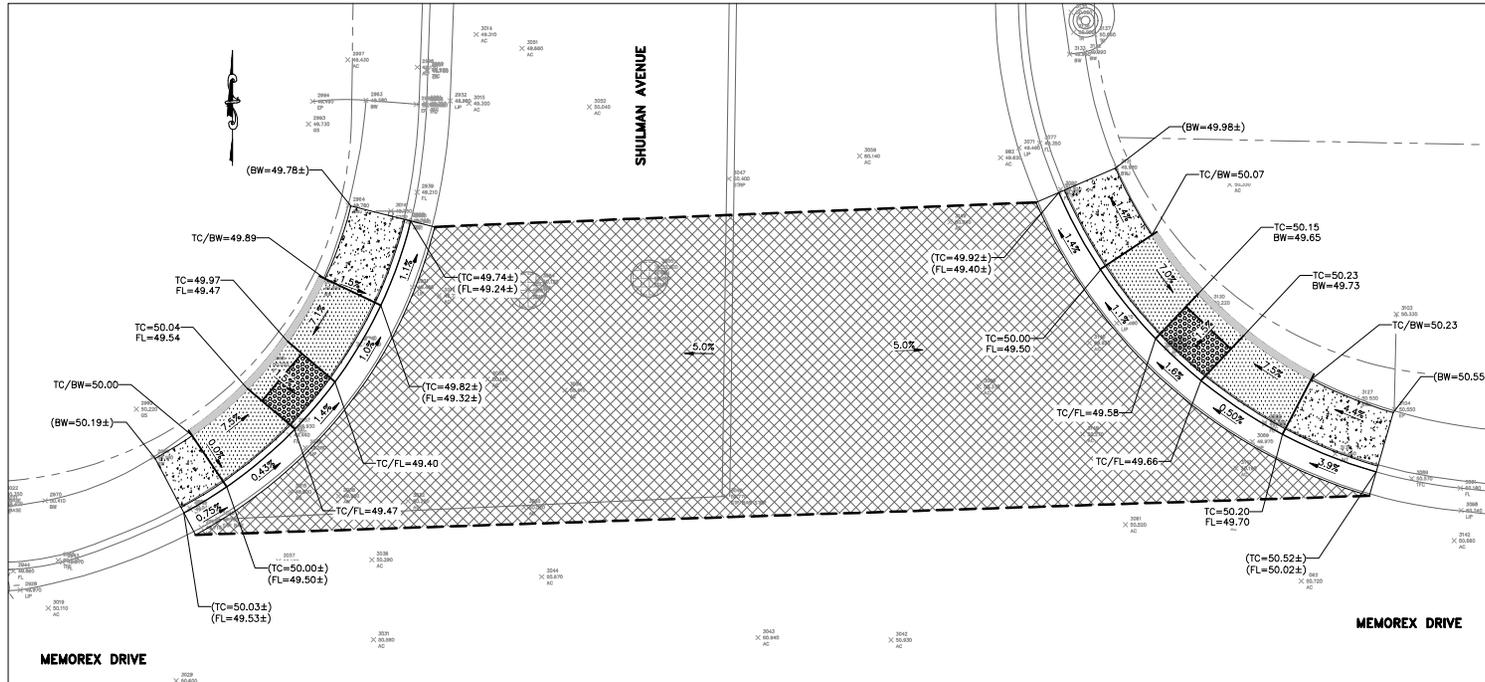


**LEGEND**

-  CURB & GUTTER
-  SIDEWALK
-  CURB RAMP
-  DETECTABLE WARNING SURFACE
-  AC CONFORM
-  RETAINING CURB
-  RIGHT OF WAY
-  (TC 100.65±)  
(FL 100.15±) EXISTING ELEVATION, CONFORM
-  TC 100.65  
FL 100.15 PROPOSED ELEVATION
-  (0.3%±) EXISTING SLOPE
-  1.5% PROPOSED SLOPE
-  SURVEY TEMPORARY CONTROL

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**CURB RAMP CR23**

SCALE: 1"=5'

**CURB RAMP CR24**

SCALE: 1"=5'



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<b>2022 ANNUAL STREET MAINTENANCE AND REHABILITATION PROJECT</b>	
<b>CURB RAMP GRADING PLAN</b>	
<b>MEMOREX DR &amp; SHULMAN AVE INTERSECTION</b>	

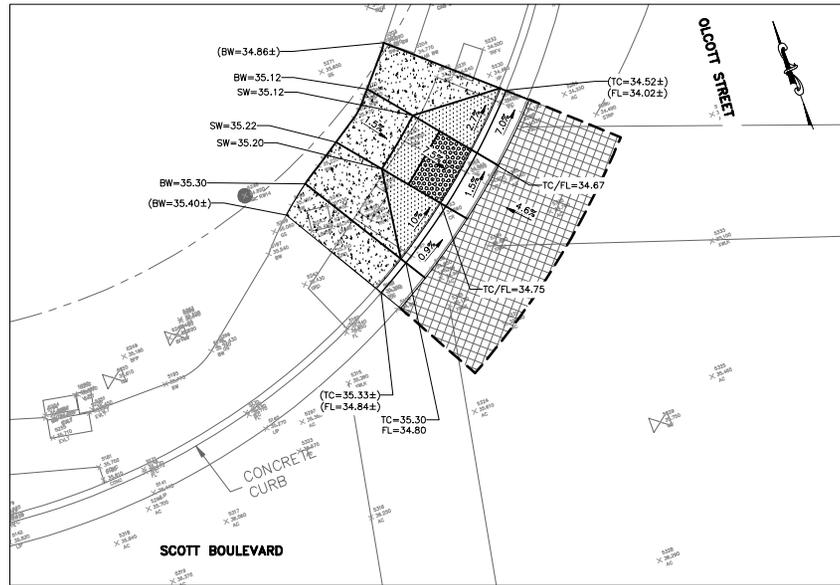
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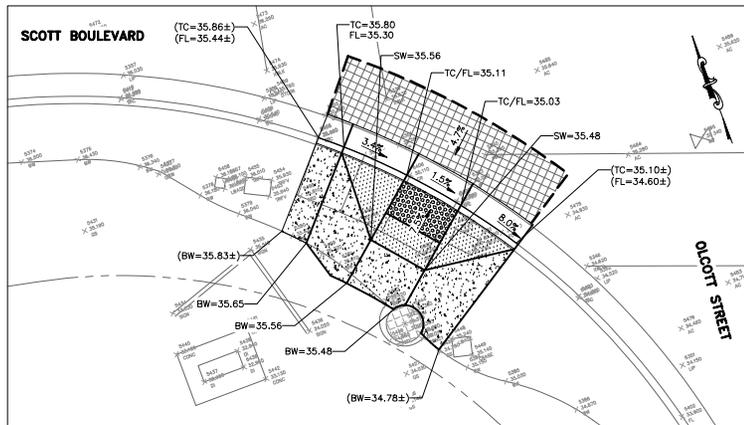






**CURB RAMP CR35**

SCALE: 1"=5'



**CURB RAMP CR36**

SCALE: 1"=5'

**LEGEND**

- CURB & GUTTER
- SIDEWALK
- CURB RAMP
- DETECTABLE WARNING SURFACE
- AC CONFORM
- RETAINING CURB
- RIGHT OF WAY
- (TC 100.65±)  
(FL 100.15±) EXISTING ELEVATION, CONFORM
- TC 100.65  
FL 100.15 PROPOSED ELEVATION
- (0.3%±) EXISTING SLOPE
- 1.5% PROPOSED SLOPE
- SURVEY TEMPORARY CONTROL

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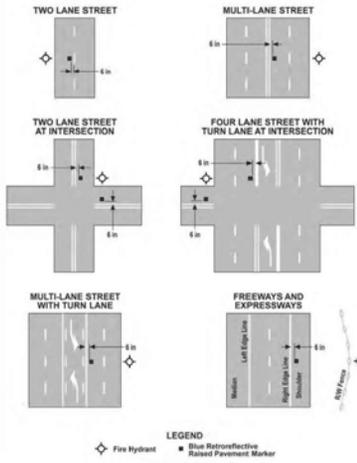
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ACCOUNT No.	-	
DATE	No.	REVISION

**CITY OF SANTA CLARA**  
ENGINEERING DEPARTMENT  
**2022 ANNUAL STREET MAINTENANCE AND REHABILITATION PROJECT**  
**CURB RAMP GRADING PLAN**  
**SCOTT BLVD & OLCOTT ST INTERSECTION**

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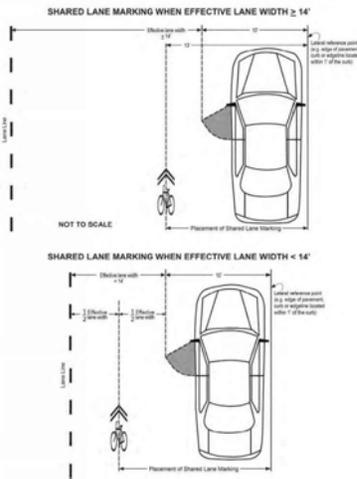


Figure 3B-102 (CA). Examples of Fire Hydrant Location Pavement Markers

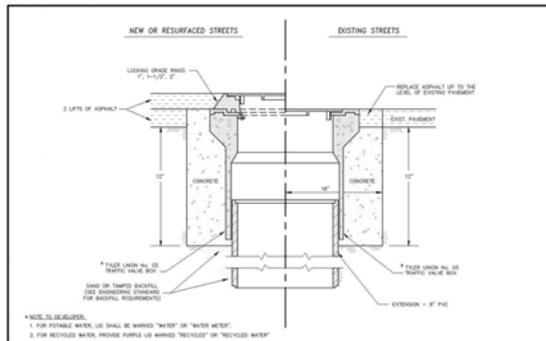


5 TYPICAL FH MARKER LOCATION  
NO SCALE

Figure 9C-108 (CA). Example of Placement of Shared Lane Markings



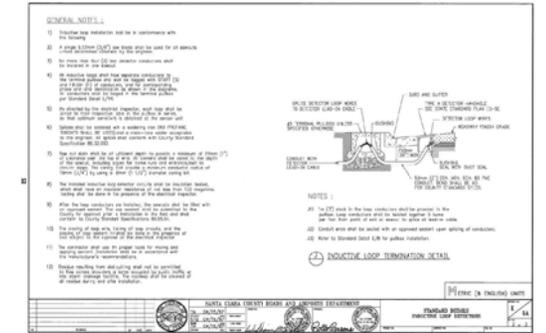
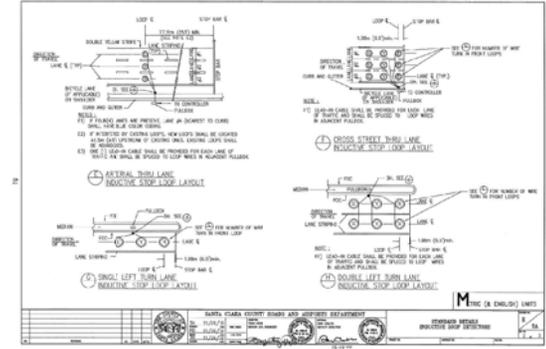
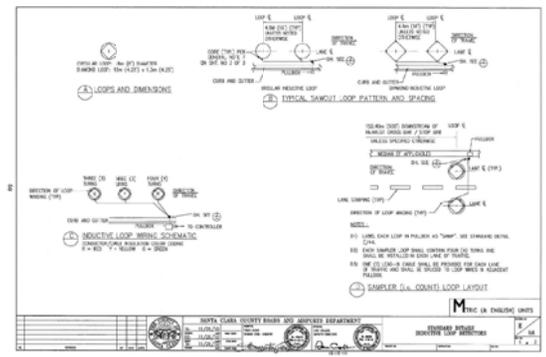
6 SHARED LANE MARKING DETAIL  
NO SCALE



\*NOTE TO SPECIFIER:  
1. FOR POTABLE WATER, LID SHALL BE MARKED "WATER" OR "WATER METEY".  
2. FOR RECYCLED WATER, PROVIDE PURPLE OR MARKED "RECYCLED" OR "RECYCLED WATER".

	Design No. 002-L Checked By: TASHA M. JONES Approved By: SIMPLA M. TERRY Revised Date: NOVEMBER 2017	Signature: Director of Water and Sewer Utilities	CITY OF SANTA CLARA WATER AND SEWER UTILITIES - STANDARD NO. 20 TRAFFIC VALVE BOX
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7 TRAFFIC VALVE BOX  
NO SCALE



8 INDUCTIVE LOOP DETECTOR DETAILS (COUNTY)  
NO SCALE



PROJECT No. CE	XX-XX-XX
ACCOUNT No.	-
DATE	NOV 17 2017
REVISION	BY

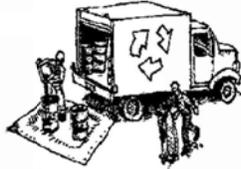
CITY OF SANTA CLARA  
ENGINEERING DEPARTMENT  
2022 ANNUAL STREET MAINTENANCE  
AND REHABILITATION PROJECT  
CONSTRUCTION DETAILS

APPROVED BY	TITLE	DATE	R.C.E. No.
DESIGNED BY	DATE	SURVEY No.	
DRAWN BY	DATE	TRACING No.	XX,XXX-X
CHECKED BY	DATE		
AS BUILT BY			

# Construction Best Management Practices (BMPs)

Construction projects are required to implement year-round stormwater BMPs.

## Materials & Waste Management



### Non-Hazardous Materials

- Berm and cover stockpiles of sand, dirt or other construction material with tarps when rain is forecast or when they are not in use.
- Use (but don't overuse) reclaimed water for dust control.
- Ensure dust control water doesn't leave site or discharge to storm drains.

### Hazardous Materials

- Label all hazardous materials and hazardous wastes (such as pesticides, paints, thinners, solvents, fuel, oil, and antifreeze) in accordance with City, County, State and Federal regulations.
- Store hazardous materials and wastes in water tight containers, store in appropriate secondary containment, and cover them at the end of every work day or during wet weather or when rain is forecast.
- Follow manufacturer's application instructions for hazardous materials and do not use more than necessary. Do not apply chemicals outdoors when rain is forecast within 24 hours.
- Arrange for appropriate disposal of all hazardous wastes.

### Waste Management

- Cover and maintain dumpsters. Check frequently for leaks. Place dumpsters under roofs or cover with tarps or plastic sheeting secured around the outside of the dumpster. A plastic liner is recommended to prevent leaks. Never clean out a dumpster by hosing it down on the construction site.
- Place portable toilets away from storm drains. Make sure they are in good working order. Check frequently for leaks.
- Dispose of all wastes and demolition debris properly. Recycle materials and wastes that can be recycled, including solvents, water-based paints, vehicle fluids, broken asphalt and concrete, wood, and cleared vegetation.
- Dispose of liquid residues from paints, thinners, solvents, glues, and cleaning fluids as hazardous waste.
- Keep site free of litter (e.g. lunch items, cigarette butts).
- Prevent litter from uncovered loads by covering loads that are being transported to and from site.

### Construction Entrances and Perimeter

- Establish and maintain effective perimeter controls and stabilize all construction entrances and exits to sufficiently control erosion and sediment discharges from site and tracking off site.
- Sweep or vacuum any street tracking immediately and secure sediment source to prevent further tracking. Never hose down streets to clean up tracking.

## Equipment Management & Spill Control



### Maintenance and Parking

- Designate an area of the construction site, well away from streams or storm drain inlets and fitted with appropriate BMPs, for auto and equipment parking, and storage.
- Perform major maintenance, repair jobs, and vehicle and equipment washing off site.
- If refueling or vehicle maintenance must be done onsite, work in a bermed area away from storm drains and over a drip pan or drop cloths big enough to collect fluids. Recycle or dispose of fluids as hazardous waste.
- If vehicle or equipment cleaning must be done onsite, clean with water only in a bermed area that will not allow rinse water to run into gutters, streets, storm drains, or surface waters.
- Do not clean vehicle or equipment onsite using soaps, solvents, degreasers, or steam cleaning equipment, and do not use diesel oil to lubricate equipment or parts onsite.

### Spill Prevention and Control

- Keep spill cleanup materials (e.g., rags, absorbents and cat litter) available at the construction site at all times.
- Maintain all vehicles and heavy equipment. Inspect frequently for and repair leaks. Use drip pans to catch leaks until repairs are made.
- Clean up leaks, drips and other spills immediately and dispose of cleanup materials properly.
- Use dry cleanup methods whenever possible (absorbent materials, cat litter and/or rags).
- Sweep up spilled dry materials immediately. Never attempt to "wash them away" with water, or bury them.
- Clean up spills on dirt areas by digging up and properly disposing of contaminated soil.
- Report significant spills to the appropriate local spill response agencies immediately. If the spill poses a significant hazard to human health and safety, property or the environment, you must report it to the State Office of Emergency Services. (800) 852-7550 (24 hours).

## Earthmoving



### Grading and Earthwork

- Schedule grading and excavation work during dry weather.
- Stabilize all denuded areas, install and maintain temporary erosion controls (such as erosion control fabric or bonded fiber matrix) until vegetation is established.
- Remove existing vegetation only when absolutely necessary; plant temporary vegetation for erosion control on slopes where construction is not immediately planned.
- Prevent sediment from migrating offsite and protect storm drain inlets, drainage courses and streams by installing and maintaining appropriate BMPs (i.e. silt fences, gravel bags, fiber rolls, temporary swales, etc.).
- Keep excavated soil on site and transfer it to dump trucks on site, not in the streets.

### Contaminated Soils

- If any of the following conditions are observed, test for contamination and contact the Regional Water Quality Control Board:
  - Unusual soil conditions, discoloration, or odor.
  - Abandoned underground tanks.
  - Abandoned wells
  - Buried barrels, debris, or trash.
- If the above conditions are observed, document any signs of potential contamination and clearly mark them so they are not disturbed by construction activities.

### Landscaping

- Protect stockpiled landscaping materials from wind and rain by storing them under tarps all year-round.
- Stack bagged material on pallets and under cover.
- Discontinue application of any erodible landscape material within 2 days before a forecast rain event or during wet weather.

## Concrete Management and Dewatering



### Concrete Management

- Store both dry and wet materials under cover, protected from rainfall and runoff and away from storm drains or waterways. Store materials off the ground, on pallets. Protect dry materials from wind.
- Wash down exposed aggregate concrete only when the wash water can (1) flow onto a dirt area; (2) drain into a bermed surface from which it can be pumped and disposed of properly; or (3) block any storm drain inlets and vacuum washwater from the gutter. If possible, sweep first.
- Wash out concrete equipment/trucks offsite or in a designated washout area onsite, where the water will flow into a temporary waste pit, and make sure wash water does not leach into the underlying soil. (See CASQA Construction BMP Handbook for properly designed concrete washouts.)

### Dewatering

- Discharges of groundwater or captured runoff from dewatering operations must be properly managed and disposed. When possible, send dewatering discharge to landscaped area or sanitary sewer. If discharging to the sanitary sewer, call your local wastewater treatment plant.
- Divert run-on water from offsite away from all disturbed areas.
- When dewatering, notify and obtain approval from the local municipality before discharging water to a street gutter or storm drain. Filtration or diversion through a basin, tank, or sediment trap may be required.
- In areas of known or suspected contamination, call your local agency to determine whether the ground water must be tested. Pumped groundwater may need to be collected and hauled off-site for treatment and proper disposal.

## Paving/Asphalt Work



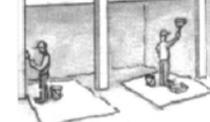
### Paving

- Avoid paving and seal coating in wet weather or when rain is forecast, to prevent materials that have not cured from contacting stormwater runoff.
- Cover storm drain inlets and manholes when applying seal coat, slurry seal, fog seal, or similar materials.
- Collect and recycle or properly dispose of excess abrasive gravel or sand. Do NOT sweep or wash it into gutters.

### Sawcutting & Asphalt/Concrete Removal

- Protect storm drain inlets during saw cutting.
- If saw cut slurry enters a catch basin, clean it up immediately.
- Shovel or vacuum saw cut slurry deposits and remove from the site. When making saw cuts, use as little water as possible. Sweep up, and properly dispose of all residues.

## Painting & Paint Removal



### Painting Cleanup and Removal

- Never clean brushes or rinse paint containers into a street, gutter, storm drain, or stream.
- For water-based paints, paint out brushes to the extent possible, and rinse into a drain that goes to the sanitary sewer. Never pour paint down a storm drain.
- For oil-based paints, paint out brushes to the extent possible and clean with thinner or solvent in a proper container. Filter and reuse thinners and solvents. Dispose of excess liquids as hazardous waste.
- Sweep up or collect paint chips and dust from non-hazardous dry stripping and sand blasting into plastic drop cloths and dispose of as trash.
- Chemical paint stripping residue and chips and dust from marine paints or paints containing lead, mercury, or tributyltin must be disposed of as hazardous waste. Lead based paint removal requires a state-certified contractor.



**Santa Clara Valley  
Urban Runoff  
Pollution Prevention Program**

**Storm drain polluters may be liable for fines of up to \$10,000 per day!**



PROJECT No.	CE	XX-XX-XX
ACCOUNT No.	-	
DATE	No.	REVISION
		BY

**CITY OF SANTA CLARA**  
ENGINEERING DEPARTMENT  
**2022 ANNUAL STREET MAINTENANCE  
AND REHABILITATION PROJECT**  
**CONSTRUCTION BEST  
MANAGEMENT PRACTICES (BMPs)**

APPROVED BY		
TITLE		
DATE	R.C.E. No.	Survey No.
DESIGNED BY	DS/-	11/22
DRAWN BY	EB/AA	11/22
CHECKED BY	MF	11/22
AS BUILT BY	-	-
TRACING No.	XXX,XXX-X	
SHEET	89 OF 89	



Item No.	Item Description	Est Qty	Unit	The Alameda	Avila Ave	Di Giulio Avenue	Dunford Way	Great America Way	Lafayette Street	Lincoln Street	Memorex Drive	Mission College Blvd.	Norman Avenue	Ronald Avenue	Scott Boulevard	Shulman Avenue
1	Mobilization	1	LS													
2	Construction Area Signs & Traffic Control	1	LS													
3	Stormwater Pollution Control	1	LS													
4	Lines and Grades (Curb Ramps)	1	LS													
5	Lines and Grades (Crosswalk Reconstruction)	1	LS													
6	Type II Slurry Seal	154,616	SY			4,139		12,148	75,361	13,994		39,290		2,341		
7	Asphalt Failure Repair (4-inch Digout)	1,439	SF		1,333											
8	Asphalt Failure Repair (6-inch Digout)	64,200	SF	5,685			3,915	3,614			3,868		11,848		30,514	
9	Asphalt Failure Repair (8-inch Digout)	5,808	SF			1,291								1,430		2,657
10	Asphalt Failure Repair (10-inch Digout)	36,352	SF						19,856	317		13,486				
11	Adjust Storm Drain Manhole and Cover to Grade	35	EA	8	0	1	1	0	0	0	11	2	5	0	3	4
12	Adjust Sanitary Sewer Manhole and Cover to Grade	48	EA	4	1	0	5	0	2	0	8	1	10	0	13	4
13	Adjust Water Valve Box to Grade	78	EA	13	2	0	5	4	2	0	6	0	26	0	18	2
14	Adjust Detector Handhole to Grade	11	EA	1	0	0	0	0	1	0	1	0	0	0	7	0
15	Adjust Monument Box to Grade	30	EA	1	0	0	7	0	0	0	8	0	3	0	7	4
16	Install New Monument Box and Reset Monument	2	EA				2									
17	Install New Monument Box	0	EA													
18	Record Monument with County (Pre-Construction)	28	EA	1	0	0	5	0	0	0	8	0	3	0	7	4
19	Record Monument with County (Post-Construction)	2	EA				2									
20	Roadway Excavation (8-inch Deep)	6,669	SY			0		0	0	0	6,352	0		0		
21	Cold Milling (2 inch Thick)	31,791	SY		1,481	0	4,350	0	0	0	10,238	0	10,585	0		3,624
22	Cold Milling (4 inch Thick)	41,669	SY	13,524		0		0	0	0		0			26,161	
23	Crosswalk Milling and Grading	1	LS													
24	Disposal of Grindings with Fabric (Revocable)	80,130	SY			0		0	0	0		0		0		
25	Paving Mat	27,469	SY													26,161
26	Rubberized Hot Mix Asphalt (RHMA-G) with 1/2 inch Aggregate	6,181	TN			0		0	0	0					5,886	
27	Hot Mix Asphalt (HMA) Type A with 1/2 inch Aggregate	6,841	TN	1,521	167	0	489	0	0	0	2,740	0	1,191	0		408
28	Hot Mix Asphalt (HMA) Type A with 3/4 inch Aggregate	3,848	TN	1,521		0		0	0	0	2,144	0		0		
29	Traffic Signal Loop Detector	103	EA	4	0	0	0	0	9	0	4	10	0	0	76	0
30	Detector Handhole (G5 Box)	0	EA													
31	Replacement or Installation of New Curb Ramp	36	EA	7	4		7				8		3		7	
32	Replacement or Installation of Sidewalk	3,025	SF	972	374		418				362		366		389	
33	Replacement or Installation of Curb and Gutter	1,125	LF	254	134		224				216		79		164	
34	2 inch AC Conform (Revocable)	0	SF													
35	Reset or Relocate Sign Post	3	EA	0	2		1									
36	Adjust Fire Hydrant to Grade in Concrete	1	EA													
37	Adjust Utility Cover to Grade in Concrete	2	EA	2												
38	Adjust Pull Box to Grade in Concrete	17	EA	3							1		4		9	
39	Replace Pull Box (Revocable)	0	EA													
40	Rebate Pedestrian Push Button to Existing Pole	1	LS													
41	Rebate Pedestrian Push Button and Post	1	LS													
42	Remove Pavement Markers, Stripes and Markings	1	LS													
43	Thermoplastic Pavement Markings	5,004	SF	490	44	22	118	364	1,244	427	319	714	132	22	786	84
44	Thermoplastic Limit Line and Crosswalk	30,965	SF	2,030	548	32	1,684	968	9,022	2,516	986	5,176	790	228	5,130	380
45	Thermoplastic Pavement Stripe Detail 2	1,521	LF	153	0	0	0	0	0	0	0	0	1,296	0	0	0
46	Thermoplastic Pavement Stripe Detail 9	40,516	LF	373	0	0	0	3,357	18,829	0	816	8,786	0	0	6,426	0
47	Thermoplastic Pavement Stripe Detail 22	7,691	LF	0	0	0	733	300	115	1,900	2,914	0	445	0	230	688
48	Thermoplastic Pavement Stripe Detail 25	24,508	LF	0	0	0	0	0	17,998	0	0	0	0	0	5,343	0
49	Thermoplastic Pavement Stripe Detail 27B	7,370	LF	2,491	0	0	1,635	0	0	2,658	0	0	0	0	235	0
50	Thermoplastic Pavement Stripe Detail 29	845	LF	500	0	0	0	137	0	0	0	0	0	0	168	0
51	Thermoplastic Pavement Stripe Detail 32	2,217	LF	835	0	0	0	1,276	0	0	0	0	0	0	0	0
52	Thermoplastic Pavement Stripe Detail 38/38B	10,382	LF	51	0	0	0	347	3,523	98	255	3,100	37	0	2,477	0
53	Thermoplastic Pavement Stripe Detail 39/39A	60,695	LF	5,992	0	0	0	3,565	19,402	5,073	0	14,395	0	0	9,378	0
54	Two-Way Reflective Blue Pavement Marker	70	EA	6	1	3	4	4	17	6	5	10	5	2	5	2



PROJECT No.	CE	XX-XX-XX
ACCOUNT No.	-	
DATE	No.	REVISION

**CITY OF SANTA CLARA**  
ENGINEERING DEPARTMENT  
**2022 ANNUAL STREET MAINTENANCE AND REHABILITATION PROJECT**  
**QTY SHEET**

APPROVED BY		
TITLE		
DATE	INITIAL	DATE
	DS/	/-/
DESIGNED BY	EB/AA	/-/
DRAWN BY	MF	/-/
CHECKED BY		
AS BUILT BY		
R.C.E. No.		
Survey No.		
TRACING No.	XX,XXX-X	
SHEET	90	OF 89



**INTERSECTION QUANTITIES**

STREET NAME	RAMP NO.	INTERSECTION	RAMP (EA)	CASE TYPE	DWS (EA)	CURB RAMP (SF)	SIDEWALK (K (SF))	C&G (UF)	RETAI NING CURB (UF)	AC CONFOR M (SF)	Adjust PB to Grade (Note 13)	Adjust Iron	Adjust Fire Hydrant	Relocat e Ex PFB Post (Note 19)	Reset Sign (Note 10)		
The Alameda	CR1	Bellomy St	1	Case A	1	68	107	18		85				1			
	CR2		Type A Passageway	2			526	110		1086		1					
	CR3		1	Case A	1	68	69	17		463	1	1					
	CR4		1	Case B	1	144	34	26		458	1			1			
	CR5		1	Case B	1	115	34	22		182	1			1			
	CR6		Mission St	1	Case C	1	103	139	33	16	857						
	CR7		El Camino Real	1	Case C	1	118	63	28	16	120						
<b>TOTAL</b>					<b>6</b>	<b>8</b>	<b>616</b>	<b>972</b>	<b>254</b>	<b>32</b>	<b>3,251</b>	<b>3</b>	<b>2</b>	<b>1</b>	<b>2</b>	<b>0</b>	
Avila Ave	CR8	Memorex Dr	1	Case C	1	86	97	40	17	1820							
	CR9	1	Case C	1	88	161	49									1	
	CR10	Di Giulio Ave	1	Case B	1	125	34	17		1428						1	
	CR11	1	Case B	1	126	82	28	13									
<b>TOTAL</b>					<b>4</b>	<b>4</b>	<b>425</b>	<b>374</b>	<b>134</b>	<b>30</b>	<b>3,248</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2</b>	
Dunford Way	CR12	Thunderbird Ave	1	Case B	1	132	85	29	22	651						1	
	CR13		1	Case C	1	76	77	36	19	534							
	CR14		1	Case C	1	79	80	38	16	211							
	CR15		1	Case C	1	83	39	29	17	565							
	CR16		1	Case C	1	84	39	29	17	677							
	CR17		1	Case C	1	85	60	34	18	228							
	CR18		1	Case C	1	86	38	29	17	483							
<b>TOTAL</b>					<b>7</b>	<b>7</b>	<b>625</b>	<b>418</b>	<b>224</b>	<b>126</b>	<b>3,349</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1</b>	
Memorex Drive	CR19	Memorex Dr	1	Case C	1	86	18	23	19	1030							
	CR20	1	Case C	1	86	18	23	19									
	CR21	Ronald St	1	Case C	1	82	15	23	17	1252							
	CR22	1	Case C	1	77	34	28	17									
	CR23	1	Case C	1	81	47	31	17									
	CR24	Shulman Ave	1	Case C	1	84	65	35	18	1589							
	CR25	Lafayette St	1	Case B	1	146	86	26	14	541	1						
CR26	1	Case B	1	146	79	27	14	453									
<b>TOTAL</b>					<b>8</b>	<b>8</b>	<b>788</b>	<b>362</b>	<b>216</b>	<b>135</b>	<b>4,845</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	
Norman Avenue	CR27	Bassett St	1	Case A	1	59	224	33		967	2			1			
	CR28		1	Case B	1	138	102	29	14	155	1						
	CR29		1	Case A	1	68	80	17		92	1						
	<b>TOTAL</b>					<b>3</b>	<b>3</b>	<b>265</b>	<b>366</b>	<b>79</b>	<b>14</b>	<b>1,214</b>	<b>4</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>0</b>
Scott Boulevard	CR30	Space Park Dr	1	Case CH	1	92	41	20	19	65	1						
	CR31		1	Case C	1	86	42	29	18	756	2						
	CR32		1	Case C	1	134	18	18	18	288	1						
	CR33		1	Case C	1	89	49	30	19	841	2						
	CR34		1	Case C	1	79	47	29	19	870	1						
	CR35		Olcott St	1	Case A	1	59	114	19		98	1					
	CR36		1	Case A	1	59	56	19		170	1						
<b>TOTAL</b>					<b>7</b>	<b>7</b>	<b>508</b>	<b>389</b>	<b>164</b>	<b>93</b>	<b>2,598</b>	<b>9</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	
<b>GRAND TOTAL</b>					<b>35</b>	<b>37</b>	<b>3,317</b>	<b>2,881</b>	<b>1,071</b>	<b>430</b>	<b>15,495</b>	<b>17</b>	<b>2</b>	<b>1</b>	<b>3</b>	<b>3</b>	

**Pavement Marking Type**

ARROWS	AREA (SF)	The Alameda	Avila Ave	Di Giulio Avenue	Dunford Way	Great America Way	Lafayette Street	Lincoln Street	Memorex Drive	Mission College Blvd.	Norman Avenue	Ronald Avenue	Scott Boulevard	Shulman Avenue
Type 1 10' Arrow	14	0	0	0	0	3	1	0	0	3	0	0	0	0
Type 1 18' Arrow	25	0	0	0	0	0	1	0	0	0	0	0	0	0
Type 2 (L or R) Arrow	45	2	0	0	0	0	0	0	0	0	0	0	0	0
Type 3 (L or R) Arrow	42	0	0	0	0	0	2	0	0	0	0	0	11	0
Type 4 (L or R) Arrow	15	5	0	0	0	0	52	4	8	35	2	0	16	0
Type 6 Arrow	42	2	0	0	0	0	0	3	2	0	0	0	0	0
<b>SUM SF</b>		<b>249</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>132</b>	<b>903</b>	<b>186</b>	<b>204</b>	<b>567</b>	<b>30</b>	<b>0</b>	<b>702</b>	<b>0</b>

SYMBOLS	AREA (SF)	The Alameda	Avila Ave	Di Giulio Avenue	Dunford Way	Great America Way	Lafayette Street	Lincoln Street	Memorex Drive	Mission College Blvd.	Norman Avenue	Ronald Avenue	Scott Boulevard	Shulman Avenue
Bike Arrow	3.5	6	0	0	0	8	12	12	0	14	0	0	8	0
Bike Lane Symbol with Person	7	0	0	0	0	8	12	12	0	14	0	0	8	0
Bike Detector Symbol	2	0	0	0	0	0	3	0	0	0	0	0	0	0
Sharrow	10	2	0	0	2	0	1	0	0	0	0	0	0	0
Yield Arrow	3	0	0	0	0	0	0	0	0	0	0	0	0	0
Railroad Crossing	102	0	0	0	0	2	1	0	0	0	1	0	0	0
<b>SUM SF</b>		<b>83</b>	<b>0</b>	<b>0</b>	<b>20</b>	<b>188</b>	<b>239</b>	<b>126</b>	<b>0</b>	<b>147</b>	<b>102</b>	<b>0</b>	<b>84</b>	<b>0</b>

NUMERALS	AREA (SF)	The Alameda	Avila Ave	Di Giulio Avenue	Dunford Way	Great America Way	Lafayette Street	Lincoln Street	Memorex Drive	Mission College Blvd.	Norman Avenue	Ronald Avenue	Scott Boulevard	Shulman Avenue
25	18	0	0	0	3	0	0	3	3	0	0	0	0	1
<b>SUM SF</b>		<b>0</b>	<b>0</b>	<b>0</b>	<b>54</b>	<b>0</b>	<b>0</b>	<b>54</b>	<b>54</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>18</b>

LARGE WORDS	AREA (SF)	The Alameda	Avila Ave	Di Giulio Avenue	Dunford Way	Great America Way	Lafayette Street	Lincoln Street	Memorex Drive	Mission College Blvd.	Norman Avenue	Ronald Avenue	Scott Boulevard	Shulman Avenue
CLEAR	27	0	0	0	0	0	3	0	0	0	0	0	0	0
PED	18	0	0	0	0	0	0	1	1	0	0	0	0	0
SCHOOL	36	2	0	0	0	0	0	0	0	0	0	0	0	0
STOP	22	0	2	1	2	2	1	1	1	0	0	1	0	3
XING	21	2	0	0	0	0	0	1	1	0	0	0	0	0
<b>SUM SF</b>		<b>158</b>	<b>44</b>	<b>22</b>	<b>44</b>	<b>44</b>	<b>103</b>	<b>61</b>	<b>61</b>	<b>0</b>	<b>0</b>	<b>22</b>	<b>0</b>	<b>66</b>

CROSSWALK/LIMIT LINE	The Alameda	Avila Ave	Di Giulio Avenue	Dunford Way	Great America Way	Lafayette Street	Lincoln Street	Memorex Drive	Mission College Blvd.	Norman Avenue	Ronald Avenue	Scott Boulevard	Shulman Avenue
STANDARD CROSSWALK - WHITE (SF)	760	464	0	220	732	3900	2034	706	4386	580	192	3736	266
STANDARD CROSSWALK - YELLOW (SF)	344	0	0	0	0	0	0	0	0	0	0	638	0
CONTINENTAL CROSSWALK - WHITE (SF)	408	0	0	0	0	2940	286	0	0	0	0	0	0
CONTINENTAL CROSSWALK - YELLOW (SF)	0	0	0	858	0	0	0	0	0	0	0	0	0
LADDER CROSSWALK - YELLOW (SF)	0	0	0	448	0	0	0	0	0	0	0	0	0
LIMIT LINE (SF)	446	84	32	160	236	2182	196	208	790	210	36	754	114
YIELD LINE (SF)	72	0	0	0	0	0	0	72	0	0	0	0	0
<b>LL/White/Yellow Crosswalk Total</b>	<b>2030</b>	<b>548</b>	<b>32</b>	<b>1684</b>	<b>968</b>	<b>9022</b>	<b>2516</b>	<b>986</b>	<b>5176</b>	<b>790</b>	<b>228</b>	<b>5130</b>	<b>380</b>
<b>Pavement Markings Total</b>	<b>490</b>	<b>44</b>	<b>22</b>	<b>118</b>	<b>364</b>	<b>1244</b>	<b>427</b>	<b>319</b>	<b>714</b>	<b>132</b>	<b>22</b>	<b>786</b>	<b>84</b>

Loops	The Alameda	Avila Ave	Di Giulio Avenue	Dunford Way	Great America Way	Lafayette Street	Lincoln Street	Memorex Drive	Mission College Blvd.	Norman Avenue	Ronald Avenue	Scott Boulevard	Shulman Avenue
Loop Detectors	4	0	0	0	6	88	12	4	77	0	0	76	0
Blue Markers	6	1	3	4	4	17	6	5	10	5	2	5	2



PROJECT No. CE	XX-XX-XX
ACCOUNT No.	-
DATE	No. REVISION BY

**CITY OF SANTA CLARA**  
ENGINEERING DEPARTMENT  
**2022 ANNUAL STREET MAINTENANCE AND REHABILITATION PROJECT**  
**QTY SHEET**

APPROVED BY	TITLE
DATE	R.C.E. No.
DESIGNED BY DS	DATE
DRAWN BY EB/AA	Survey No.
CHECKED BY MF	TRACING No.
AS BUILT BY	XX,XXX-X
	SHEET 91 OF 89