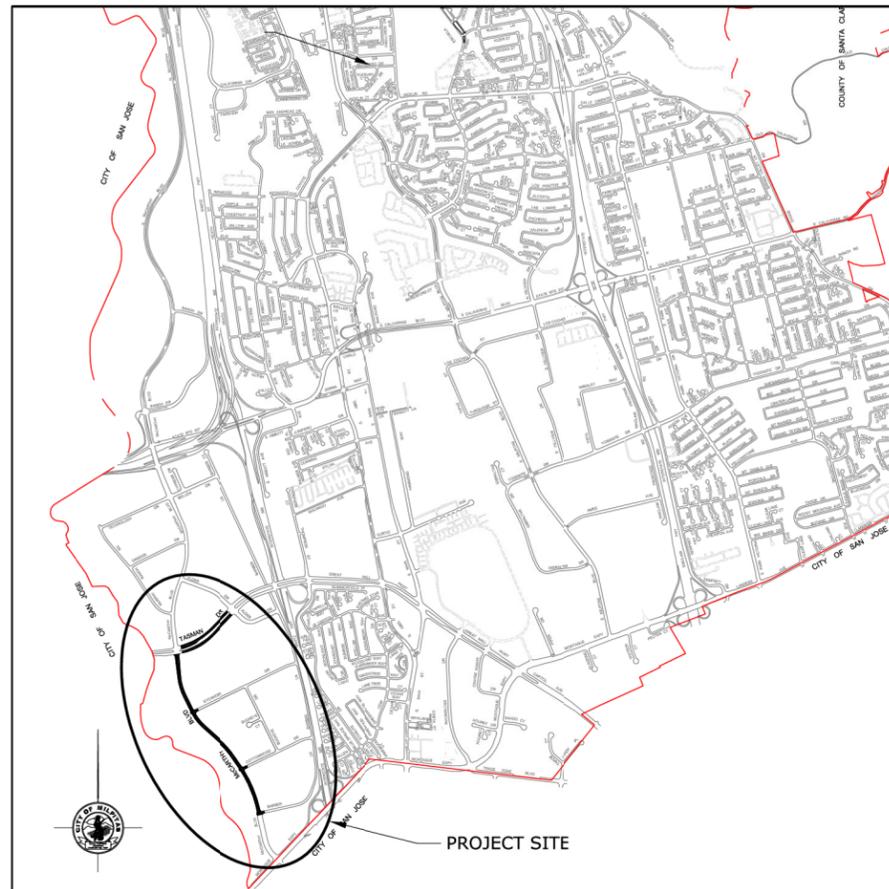


**CITY OF MILPITAS**  
**STREET RESURFACING PROJECT 2016**  
**PROJECT NO. 4280**



**PROJECT SITE LOCATION**  
 Not To Scale

**SHEET INDEX:**

SHEET 1	TITLE SHEET
SHEET 2	LEGEND & AC BASE REPAIR SF TABLE
SHEET 3	DETAIL SHEET
SHEET 4 - 7	2" RUBBERIZED AC OVERLAY
SHEET 8 - 11	6" BASE REPAIR (DIG-OUT) & CONCRETE WORK
SHEET 12	STRIPING DETAIL
SHEET 13 - 16	STRIPING PLAN
SHEET 17	BLUEPRINT FOR A CLEAN BAY

**NOTE: CONTRACTOR'S LICENSE**

A prime contractor bidding on this project shall possess a Class A or C12 license from the Contractor's State License Board.

**GENERAL NOTES:**

- ALL MATERIAL AND WORKMANSHIP SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE APPROVED PLANS, SPECIFICATIONS, LATEST EDITION OF STANDARDS AND ORDINANCES OF THE CITY OF MILPITAS AND THE LATEST STATE STANDARD SPECIFICATIONS. STANDARD DRAWINGS AND DETAILS ARE AVAILABLE AT THE ENGINEERING DEPARTMENT, 408-586-3300. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO OBTAIN PERMITS NECESSARY TO PERFORM THE IMPROVEMENTS IN THESE PLANS FROM THE APPROPRIATE AGENCIES AND TO COMPLY WITH THE AGENCIES' REQUIREMENTS. THE CONTRACTOR MUST COMPLY WITH ALL APPLICABLE NATIONAL, STATE AND LOCAL LAWS.
- CONTRACTOR MUST NOTIFY THE CITY PROJECT MANAGER 48 HOURS IN ADVANCE BEFORE STARTING ANY WORK FOR THIS PROJECT.
- IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THE EXISTENCE AND LOCATION OF ALL UNDERGROUND UTILITIES. THE CONTRACTOR SHALL NOTIFY UTILITY COMPANIES 48 HOURS IN ADVANCE OF CONSTRUCTION TO FIELD LOCATE UTILITIES, CONTACT UNDERGROUND SERVICE ALERT (USA) AT (800)-642-2444 AND OBTAIN A REFERENCE NUMBER. ANY ADDED COST ON THE PART OF THE CONTRACTOR AS A RESULT OF THE ACTUAL LOCATIONS OF EXISTING UTILITIES BEING DIFFERENT FROM THOSE SHOWN ON THE PLANS SHALL BE BORNE BY THE CONTRACTOR AND ASSUMED INCLUDED IN THE CONTRACT UNIT PRICE.
- ALL QUANTITIES AND PAY ITEMS ARE AND WILL BE BASED ON ACTUAL FIELD MEASUREMENTS. ALL LOCATIONS OF IRON, MONUMENTS, AND TRAFFIC LOOPS ON PLANS ARE APPROXIMATE AND SHALL BE FIELD LOCATED PRIOR TO RESURFACING.
- CONTRACTOR SHALL FIELD VERIFY ALL DIMENSIONS AND ELEVATIONS PRIOR TO STARTING CONSTRUCTION. ANY CONFLICT WITH THE DRAWINGS OR SPECIFICATIONS SHALL BE IMMEDIATELY BROUGHT TO THE ATTENTION OF THE PROJECT ENGINEER.
- CONTRACTOR SHALL MEET WITH PROJECT INSPECTOR AND SIGN OFF ON QUANTITIES WITHIN 48 HOURS OF COMPLETING EACH SEGMENT.
- CONTRACTOR IS RESPONSIBLE FOR VERIFYING QUANTITIES AND SHALL OBTAIN AN APPROVED CHANGE ORDER PRIOR TO EXCEEDING ESTIMATED QUANTITIES.
- ALL RESPONSIBLE CONTRACTOR REPRESENTATIVES (CONTRACTOR'S SUPERINTENDENT AND SUBCONTRACTOR'S SUPERINTENDENT WILL BE REQUIRED TO ATTEND A PRE-CONSTRUCTION MEETING WHICH WILL BE SCHEDULED BY THE CITY PRIOR TO THE COMMENCEMENT OF ANY WORK.
- CONTRACTOR SHALL SUBMIT A CONSTRUCTION SCHEDULE TO THE CITY ENGINEER (AND UPDATE AS REQUIRED PER SPECIFICATIONS) FOR APPROVAL AT LEAST 15 CALENDAR DAYS PRIOR TO THE BEGINNING OF ANY WORK WITHIN THE CONSTRUCTION SITE.
- DETOUR OF THROUGH TRAFFIC TO NEARBY STREETS WILL NOT BE PERMITTED. CONTRACTOR MUST MAINTAIN AT LEAST ONE THROUGH TRAFFIC LANE, PER TRAVEL DIRECTION, AT ALL TIMES OR MAKE SPECIAL PROVISION TO ALLOW THROUGH TRAFFIC.
- ALL EXISTING UTILITIES, IMPROVEMENTS, LANDSCAPING AND PROPERTY THAT BECOME DAMAGED DURING CONSTRUCTION SHALL BE COMPLETELY RESTORED TO THE SATISFACTION OF THE CITY ENGINEER, AT CONTRACTOR'S SOLE EXPENSE.
- SAFETY MEASURES: AT ALL TIMES THE CONTRACTOR SHALL BE SOLELY AND COMPLETELY RESPONSIBLE FOR CONDITIONS OF THE JOB SITE INCLUDING PUBLIC SAFETY, WORKER SAFETY AND PROPERTY, INCLUDING COMPLIANCE WITH REQUIREMENTS AND PERMIT CONDITIONS OF THE STATE OF CALIFORNIA DIVISION OF INDUSTRIAL SAFETY, (THIS REQUIREMENT SHALL APPLY CONTINUOUSLY AND NOT JUST DURING WORKING HOURS) AND FOR ALL NECESSARY INDEPENDENT ENGINEERING REVIEWS OF THE CONDITIONS, THE ENGINEER'S JOB SITE REVIEW IS NOT INTENDED TO INCLUDE REVIEW OF THE ADEQUACY OF THE CONTRACTOR'S SAFETY MEASURES. WHENEVER THE CONTRACTOR'S OPERATIONS CREATE A CONDITION HAZARDOUS TO TRAFFIC OR PUBLIC, CONTRACTOR SHALL FURNISH, INSTALL AND MAINTAIN APPROPRIATE TRAFFIC SAFETY DEVICES AND SIGNAGE TO PREVENT ACCIDENTS OR DAMAGE OR INJURY TO THE PUBLIC.
- CONTRACTOR SHALL CONFORM TO ALL APPLICABLE OCCUPATIONAL SAFETY AND HEALTH STANDARDS AND REGULATIONS BY THE CITY, STATE AND FEDERAL.
- HAUL ROUTES SHALL BE ONLY ON THOSE STREETS AS PRE-APPROVED BY THE CITY ENGINEER. THE CONTRACTOR SHALL NOT ALLOW MATERIAL TO BLOW OR SPILL OVER AND UPON SAID ADJACENT, PUBLIC OR PRIVATE PROPERTY WHEN HAULING EARTH, SAND, GRAVEL, STONE, DEBRIS, PAPER, OR ANY SUBSTANCE OVER ANY PUBLIC STREET, ALLEY OR PUBLIC PLACE.
- ALL SURVEY MONUMENTATIONS SHALL BE PROTECTED AND PERPETUATED IN PLACE. ANY DISTURBED OR COVERED MONUMENTS SHALL BE RESET BY A CALIFORNIA LICENSED LAND SURVEYOR AT THE DIRECTION OF THE CITY ENGINEER, AT THE CONTRACTOR'S SOLE EXPENSE.
- NO CONSTRUCTION IS PERMITTED ON THE FOLLOWING HOLIDAYS: NEW YEARS DAY, MARTIN LUTHER KING BIRTHDAY, PRESIDENT'S DAY, MEMORIAL DAY, INDEPENDENCE DAY, LABOR DAY, VETERANS DAY, THANKSGIVING DAY, DAY AFTER THANKSGIVING, DAY BEFORE CHRISTMAS, AND CHRISTMAS DAY.
- CONTRACTOR SHALL COMPLY WITH THE CITY'S NON-POINT SOURCE POLLUTION PREVENTION ORDINANCE AND THE STORM WATER POLLUTION PREVENTION PLAN (SWPPP) AND USE/INSTALLATION OF BEST MANAGEMENT PRACTICES (BMP) FOR THIS PROJECT.
- CONTRACTOR SHALL MAINTAIN THE PROJECT SITES IN A NEAT AND PROFESSIONAL CONDITION AT ALL TIMES. CONTRACTOR SHALL NOT STORE MATERIALS ON PUBLIC ROADWAYS. CONTRACTOR SHALL REMOVE ALL DEBRIS AND EQUIPMENT AT THE END OF EACH WORKING DAY.
- THE CONTRACTOR SHALL PROVIDE TEMPORARY PEDESTRIAN WALKWAYS/PATHS THAT ARE ADA COMPLIANT TO TRAVERSE AROUND WORK AND FOR EVERY PEDESTRIAN RAMP/SIDEWALK SECTION REMOVED.
- ANY OPERATION THAT CREATES DUST SHALL BE STOPPED IMMEDIATELY IF DUST AFFECTS ADJACENT PROPERTIES. SUFFICIENT WATERING TO CONTROL DUST IS REQUIRED AT ALL TIMES AND A DUST PALLIATIVE MAY BE REQUIRED BY THE CITY ENGINEER. MUD TRACKED ONTO STREETS OR ADJACENT PROPERTIES SHALL BE REMOVED IMMEDIATELY BY THE CONTRACTOR. STREETS SHALL BE SWEEPED AT CONTRACTOR'S EXPENSE AS REQUIRED BY THE PROJECT SPECIFICATIONS AND AS DIRECTED BY THE CITY ENGINEER.
- CONTRACTOR SHALL COMPLY WITH THE PROVISIONS OF SECTION C-29, "SOUND CONTROL" OF THE PROJECT SPECIFICATIONS. FURTHER, BY THE CITY OF MILPITAS ORDINANCE, THE CONTRACTOR SHALL NOT ENGAGE OR PERMIT OTHERS TO ENGAGE IN ANY CONSTRUCTION RELATED OPERATIONS INCLUDING DELIVERY OF MATERIALS AND/OR EQUIPMENT TO OR FROM THE CONSTRUCTION SITE EXCEPT WITHIN THE HOURS OF 7:00 AM TO 7:00 PM ON WEEKDAYS AND WEEKENDS.
- CONTRACTOR SHALL PROVIDE ADEQUATE TRAFFIC CONTROLS INCLUDING FLAG PERSONS PER SPECIFICATIONS AND SHALL SUBMIT A TRAFFIC CONTROL PLAN SUBJECT TO THE APPROVAL OF THE CITY ENGINEER, PRIOR TO THE START OF WORK WITHIN THE PUBLIC RIGHT OF WAY. THE CITY RESERVES THE RIGHT TO REQUIRE MODIFICATIONS TO THE APPROVED PLAN IN THE FIELD.
- AT ALL TIMES, THE CONTRACTOR SHALL HAVE A SUFFICIENT NUMBER OF CONES, TEMPORARY SIGNAGE, BARRICADES, AND OTHER TRAFFIC CONTROL AND SAFETY DEVICES AT HAND IN ORDER TO SAFELY PROSECUTE THE WORK AND TO DIRECT TRAFFIC INCLUDING BICYCLIST AND PEDESTRIANS AS DETERMINED BY THE CITY ENGINEER.
- SIDEWALKS AND DRIVEWAYS SHALL NOT BE BLOCKED WITHOUT PRIOR APPROVAL FROM THE CITY ENGINEER.
- CONTRACTOR'S LICENSE REQUIREMENTS ARE NOTED IN THE CONTRACT SPECIFICATIONS AND NOTICE INVITING BIDS.

**GENERAL NOTES:**

- THE CONTRACTOR SHALL DEFEND, INDEMNIFY AND HOLD THE OWNER, THE CITY OF MILPITAS AND ITS AUTHORIZED REPRESENTATIVES AND THE ENGINEER HARMLESS FROM ANY AND ALL LIABILITY, REAL OR ALLEGED, IN CONNECTION WITH THE PERFORMANCE OF THE WORK ON THIS PROJECT, EXCEPTING FOR LIABILITY ARISING FROM THE SOLE NEGLIGENCE OF THE OWNER OR THE ENGINEER.
- OPEN TRENCHES SHALL BE COVERED (PLATED) DURING NON-WORKING HOURS. SEE SECTION \_\_\_\_\_, TEMPORARY CONTROLS.
- TEMPORARY ROADWAY MARKINGS SHALL BE INSTALLED IMMEDIATELY AFTER STRIPING REMOVAL OPERATIONS. CONTRACTOR IS RESPONSIBLE FOR PROVIDING ALL TEMPORARY STRIPING/FLOPPY DELINEATOR & SIGNAGE UNTIL PERMANENT ROADWAY MARKINGS ARE INSTALLED.
- FINAL ROADWAY MARKING INSTALLATION SHALL BE INSTALLED NO LATER THAN 14 DAYS AFTER INSTALLATION OF THE FINAL ROADWAY SURFACE.
- CONTRACTOR MUST NOTIFY CITY INSPECTOR AFTER CAT-TRACKING OF NEW ROADWAY MARKINGS, LEGENDS AND PAVEMENT MESSAGES AND OBTAIN APPROVAL PRIOR TO THE INSTALLATION OF FINAL MARKINGS.
- ALL PAINT THICKNESS SHALL BE A MINIMUM OF 15 MILS OF THICKNESS. STRIPING PAINT FOR CITY STREETS SHALL BE AS FOLLOWS OR APPROVED EQUALS: ENNIS PAINT #37038 WATER BASE BLACK, ENNIS PAINT #33538 WATER BASE YELLOW, ENNIS PAINT #37925 WATER BASE PAINT WHITE, WITH REFLECTIVE ROADWAY SPHERES. THE CONTRACTOR SHALL USE THE CITY'S STANDARD STENCILS. COORDINATE PICKUP THROUGH THE CITY ENGINEER.
- CONTRACTOR SHALL NOTIFY MILPITAS SCHOOL DISTRICT; WASTE SERVICES; ALL TRANSPORTATION COMPANIES AND EMERGENCY SERVICES OF PAVING SCHEDULE TO ALLOW COORDINATION. SEE SPECIFICATIONS E-02 FOR LISTINGS OF PHONE NUMBERS AND REQUIREMENTS.
- UNLESS NOTED OTHERWISE, THERE WILL BE NO TOTAL STREET CLOSURES. CONTRACTOR MUST MAKE PROVISIONS TO ALLOW FOR THROUGH TRAFFIC AND ACCESS TO ALL DRIVEWAYS. CONTRACTOR MUST STAGE ACCORDINGLY AND NOT REMOVE ANY LARGER AREAS THAN CAN BE CONSTRUCTED AND REOPENED IN A GIVEN DAY.
- INTERSECTION DETECTOR LOOP SHALL BE INSTALLED 1' BEHIND LIMIT LINE CENTERED IN TRAVEL LANE.
- ALL UTILITY BOXES & LID REMOVED AND REPLACED IN CONJUNCTION WITH MISCELLANEOUS CONCRETE SHALL BE INSTALLED AT FINISHED GRADE.
- THE CITY OF MILPITAS ORDINANCE NO. 240.2, PROHIBITS POTABLE WATER USE FOR CONSTRUCTION ACTIVITIES SUCH AS DUST CONTROL, COMPACTION, AND BUILDING PAD TREATMENT. REFER TO THE LATEST "SOUTH BAY WATER RECYCLING RECYCLED WATER ACCESS POINTS PROGRAM IMPLEMENTATION PLAN" FOR PERMITTING REQUIREMENTS GUIDELINES, AND RESPONSIBLE PERSON TRAINING AND EQUIPMENT CERTIFICATION.

**ABBREVIATIONS**

SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION
AB	AGGREGATE BASE	(N)	NEW
AC	ASPHALT CONCRETE	N.T.S.	NOT TO SCALE
ADJ	ADJUST	O.C.	ON CENTER
ASB	AGGREGATE SUB BASE	PB	PULL BOX
BOC	BACK OF CURB	PCC	PORTLAND CEMENT CONCRETE
BOW	BACK OF WALK	P.S.E.	PUBLIC SERVICE EASEMENT
C&G	CURB AND GUTTER	P.U.E.	PUBLIC UTILITY EASEMENT
CONC	CONCRETE	R	RADIUS
CONST	CONSTRUCT	RCP	REINFORCE CONCRETE PIPE
DIA	DIAMETER	RW	RECYCLED WATER
DO	DIG-OUT	R/W	RIGHT OF WAY
DWG	DRAWING	S	SLOPE
DWY	DRIVEWAY	SD	STORM DRAIN
EA	EACH	SDMH	STORM DRAIN MANHOLE
ELEV	ELEVATION	S.E.	SLOPE EASEMENT
EP	EDGE OF PAVEMENT	SHT	SHEET
(E),EXIST.	EXISTING	SPECS	SPECIFICATION
FG	FINISHED GRADE	SS	SANITARY SEWER
FH,	(E) FIRE HYDRANT	SSCO	SANITARY SEWER CLEANOUT
FI	FLUSHING INLET	SSMH	SANITARY SEWER MANHOLE
FL	FLOW LINE	ST.	STREET
FOC	FACE OF CURB	STA	STATION
INV	INVERT	STD	STANDARD
LOG	LIP OF GUTTER	SW	SIDEWALK
LP	LIGHT POLE	TC	TOP OF CURB
MAX	MAXIMUM	T.S.	TRAFFIC SIGNAL
MED	MEDIUM	TYP.	TYPICAL
MH	MANHOLE	UNO	UNLESS NOTED
MIN	MINIMUM	W	WATER
MON	MONUMENT	WM	WATER METER
		WV	WATER VALVE

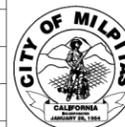
**Record Drawings**

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

Drawn By: NF Date: 3/15/2016  
 Checked By: SC Date: 3/15/2016  
 Designed By: JN Date: 3/15/2016

**Revisions**

Num.	Description	Engr. Aprv.	Date
△			DATE



**CITY OF MILPITAS**  
 ENGINEERING DIVISION  
**STREET RESURFACING PROJECT 2016**  
**PROJECT No. 4280**

RECOMMENDED FOR BIDDING BY: \_\_\_\_\_ DATE: \_\_\_\_\_  
 Steve M. Chan, Traffic Engineer

APPROVED FOR BIDDING BY: \_\_\_\_\_ DATE: \_\_\_\_\_  
 Steven J. Mcchida, Director of Engineering/City Engineer

PROJECT NO. **4280**  
 DRAWING NO. \_\_\_\_\_  
 E.P. NO. \_\_\_\_\_  
 SCALE: N.T.S.  
 SHEET: **1 of 17**