CITY OF MILPITAS

STREET RESURFACING PROJECT 2013

MILPITAS BLVD. BETWEEN GIBRALTAR DR. AND BERESFORD CT.

PROJECT NOS. 4255 & 4261

***10**

GENERAL NOTES:

1. ALL MATERIAL AND WORKMANSHIP SHALL FULLY CONFORM WITH THE SPECIFICATIONS, STANDARDS AND ORDINANCES OF THE CITY OF MILPITAS AND THE STATE STANDARD SPECIFICATIONS DATED JULY 2010. STANDARD DRAWINGS AND DETAILS ARE AVAILABLE AT THE ENGINEERING DEPARTMENT, 408-586-3300.

2. PUBLIC WORKS INSPECTION SHALL BE NOTIFIED 48 HOURS PRIOR TO THE START OF ANY WORK BY THE CONTRACTOR OR SUBCONTRACTORS, 408-586-2884.

3. 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 PRIOR TO CONSTRUCTION TO FIELD LOCATE UTILITIES, CONTACT UNDERGROUND SERVICE ALERT 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.

4. 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.

5. CONTRACTOR SHALL MEET WITH PROJECT INSPECTOR AND SIGN OFF ON QUANTITIES WITHIN 48 HOURS OF COMPLETING EACH SEGMENT.

6. CONTRACTOR IS RESPONSIBLE FOR VERIFYING QUANTITIES AND SHALL OBTAIN AN APPROVED CHANGE ORDER PRIOR TO EXCEEDING ESTIMATED QUANTITIES.

7. ALL RESPONSIBLE CONTRACTOR REPRESENTATIVES (CONRACTOR'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.

8. 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.

9. 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.

10. ALL EXISTING UTILITIES AND IMPROVEMENTS THAT BECOME DAMAGED DURING CONSTRUCTION SHALL BE COMPLETELY RESTORED TO THE SATISFACTION OF THE CITY ENGINEER, AT CONTRACTOR'S SOLE EXPENSE.

11. 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, (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.

12. 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.

13. ALL SURVEY MONUMENTATIONS SHALL BE PROTECTED AND PERPETUATED IN PLACE. ANY DISTURBED OR COVERED MONUMENTS SHALL BE RESET BY A REGISTERED CIVIL ENGINEER OR LAND SURVEYOR AT THE DIRECTION OF THE CITY ENGINEER.

14. 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.

15. CONTRACTOR SHALL COMPLY WITH THE CITY'S NON-POINT SOURCE POLLUTION PREVENTION ORDINANCE AND THE STORM WATER POLLUTION PREVENTION PLAN BEST MANAGEMENT PRACTICES (BMP) FOR THIS PROJECT.

16. 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.

17. CONTRACTOR SHALL PROVIDE ON-GOING STREET SWEEPING OPERATIONS DURING OVERLAY ACTIVITIES INCLUDING BASE FAILURE REPAIR ACTIVITIES, DURING AND AFTER ROADWAY GRINDING ACTIVITIES, OR AS DIRECTED BY THE CITY ENGINEER.

18. THE CONTRACTOR SHALL PROVIDE TEMPORARY PEDESTRIAN WALKWAYS/PATHS THAT ARE ADA COMPLIANT TO TRAVERSE AROUND WORK AND FOR EVERY PEDESTRIAN RAMP/SIDEWALK SECTION REMOVED.

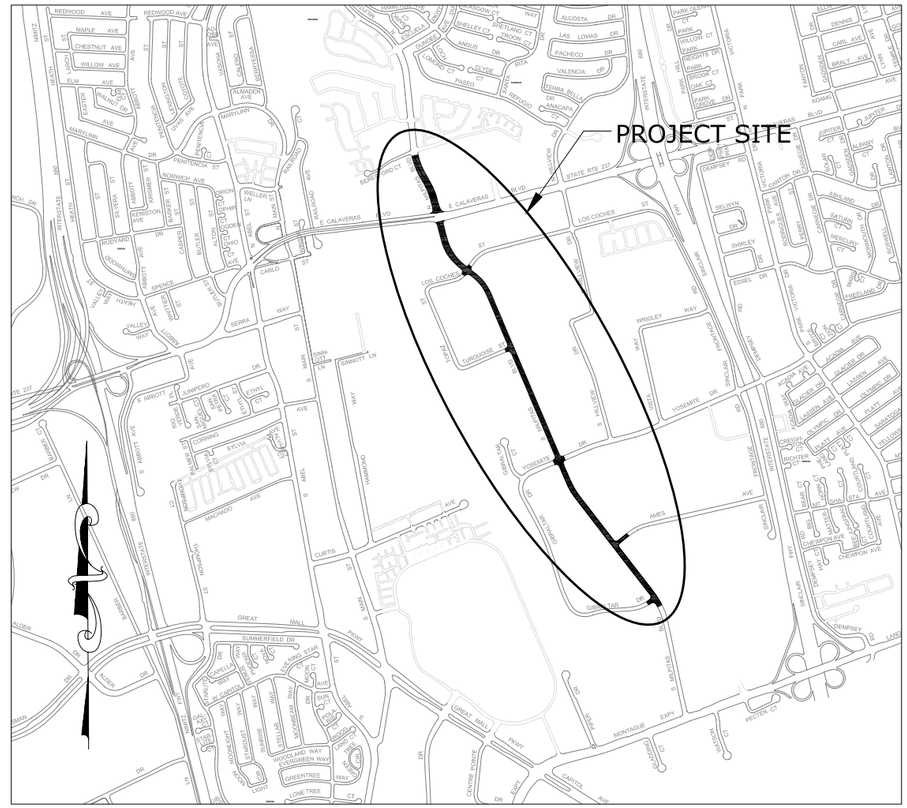
19. ANY OPERATION THAT CREATES DUST SHALL BE STOPPED IMMEDIATELY IF DUST AFFECTS ADJACENT PROPERTIES. SUFFICIENT WATERING TO CONTROL DUST IS REQUIRED AT ALL TIMES AND A DUST PALLIATIVE MAY BE REQUIRED BY THE CITY ENGINEER. MUD TRACKED ONTO STREETS OR ADJACENT PROPERTIES SHALL BE REMOVED IMMEDIATELY BY THE CONTRACTOR. STREETS SHALL BE SWEPT AT CONTRACTOR'S EXPENSE AS REQUIRED BY THE PROJECT SPECIFICATIONS AND AS DIRECTED BY THE CITY ENGINEER.

20. TEMPORARY ROADWAY MARKINGS SHALL BE INSTALLED IMMEDIATELY AFTER STRIPING REMOVAL OPERATIONS. CONTRACTOR IS RESPONSIBLE FOR PROVIDING ALL TEMPORARY STRIPING & SIGNAGE UNTIL PERMANENT ROADWAY MARKINGS ARE INSTALLED.

21. 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 BICYCLISTS AND PEDESTRIANS AS DETERMINED BY THE CITY ENGINEER.

22. FINAL ROADWAY MARKING INSTALLATIONS SHALL BE INSTALLED NO LATER THAN 14 DAYS AFTER THE INSTALLATION OF THE FINAL ROADWAY SURFACE.

23. 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.



PROJECT SITE LOCATION
Not To Scale

GENERAL NOTES:

24. 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 WHITE, WITH REFLECTIVE ROADWAY SPHERES. THE CONTRACTOR SHALL USE THE CITY'S STANDARD STENCILS. COORDINATE PICKUP THROUGH THE CITY ENGINEER.

25. 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, PHONE NUMBERS AND REQUIREMENTS.

26. 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.

27. RUBBERIZED AC OVERLAY SHALL BE CONSTRUCTED SUNDAY THRU THURSDAY BETWEEN THE HOURS OF 9:00 PM TO 6:00 AM. CONTRACTOR SHALL PROVIDE TWO WAY TRAFFIC CONTROL. ACCESS FOR ANY BUSINESSES THAT STILL REMAIN OPEN AT NIGHT SHALL BE MAINTAINED OPEN AT ALL TIMES, ALONG S. MILPITAS BLVD.

28. THE CONTRACTOR SHALL PROVIDED 7 DAY ADVANCE NOTICE TO BUSINESS COMPANIES ALONG SOUTH MILPITAS BLVD. PRIOR TO START WORK.

CALTRANS ENCROACHMENT PERMIT REQUIREMENT:

1. THE CONTRACTOR SHALL APPLY FOR, OBTAIN, AND COMPLY WITH ALL THE TERMS, CONDITIONS, AND REQUIREMENTS ATTACHED TO THE CALTRANS ENCROACHMENT PERMIT.

2. TRAFFIC CONTROL FOR ALL WORK WITHIN THE VICINITY OF EAST CALAVERAS BLVD. (SR-237) SHALL BE RESTRICTED TO SUNDAY THRU THURSDAY BETWEEN THE HOURS OF 10:00 PM TO 5:00 AM.

SHEET INDEX:

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Sheet	21	Blueprint for a Clean Bay (BMP)

LEGEND:

- 30' CONFORM
- 2" AC OVERLAY
- 8' WIDE WEDGE GRIND
- EXISTING SURVEY MONUMENT
- EXISTING VALVE BOX
- EXISTING MANHOLE (STORM OR SANITARY)
- EXISTING UTILITY (OTHER)
- NEW CITY CASE "A" PEDESTRIAN RAMP W/ TRUNCATED DOMES, PER CITY STANDARD DRAWING NO. 419
- NEW CITY CASE "C" PEDESTRIAN RAMP W/ TRUNCATED DOMES, PER CITY STANDARD DRAWING NO. 419
- CALTRANS TYPE C LOOP (6'x50')
- CALTRANS TYPE A LOOP (6'x6')
- CALTRANS TYPE D LOOP (6'x6')
- OTHER UTILITY VAULT
- # DIGOUT FULL DEPTH AC REPAIR

ABBREVIATIONS

SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION
AB	AGGREGATE BASE	P.U.E.	PUBLIC UTILITY EASEMENT
AC	ASPHALT CONCRETE	R	RADIUS
ADJ	ADJUST	RC	REINFORCED CONCRETE PIPE
BOW	BACK OF WALK	R/W	RIGHT OF WAY
C&G	CURB AND GUTTER	S	SLOPE
CONC	CONCRETE	SD	STORM DRAIN
CONST	CONSTRUCT	S.D.E.	STORM DRAIN EASEMENT
DIA	DIAMETER	SDMH	STORM DRAIN MANHOLE
DO	DIG-OUT	S.E.	SLOPE EASEMENT
DWY	DRIVEWAY	SHT.	SHEET
EA	EACH	SPECS	SPECIFICATIONS
ELEV	ELEVATION	SS	SANITARY SEWER
EP	EDGE OF PAVEMENT	SSCO	SANITARY SEWER CLEANOUT
EXIST.EX	EXISTING	SSMH	SANITARY SEWER MANHOLE
FOC	FACE OF CURB	ST	STREET
FG	FINISH GRADE	STA	STATION
FL	FLOW LINE AT CURB & GUTTER	STD	STANDARD
INV	INVERT	S/W	SIDEWALK
LG	LIP OF GUTTER	TC	TOP OF CURB
LP	LIGHT POLE	TYP	TYPICAL
MAX	MAXIMUM	W	WATER
MH	MANHOLE	WM	WATER METER
MIN	MINIMUM	WV	WATER VALVE
MON	MONUMENT		
N.T.S	NOT TO SCALE		
PB	PULL BOX		
PCC	PORTLAND CEMENT CONCRETE		
P.S.S.	PUBLIC SERVICE EASEMENT		

SCALE BAR FOR PLAN SHEETS

0 10' 20' 40' 60' 80' 100'

Scale : 1" : 20'

PROJECT NO. 4255 & 4261 | DRAWING NO. | E.P. NO. | SCALE: N. T. S. | SHEET 1 of 21

CITY OF MILPITAS ENGINEERING DIVISION

STREET RESURFACING PROJECT 2013
(Milpitas Blvd. Between Gibraltar Dr. and Beresford Ct.)

TITLE SHEET

RECOMMENDED FOR BIDDING BY: Steve Erickson, CIP Manager — DATE:

APPROVED FOR BIDDING BY: Greg Armendariz, Public Works Director/City Engineer — DATE:

Revisions: Num. | Description | Date | Engr. Aprv.

Drawn By: ME Date: 3/20/2012 | Checked By: SC Date: 3/20/2012 | Designed By: JN Date: 3/20/2012

Record Drawings: Project Engineer: ____ Date: ____ | Designer: ____ Date: ____ | Public Works Inspector: ____ Date: ____ | Public Improvements Initially Accepted by the City Council on: ____

Designer's Stamp

Designer's Name & Address: