CITY OF MILPITAS

MINOR STORM DRAIN IMPROVEMENT - COUNTRY CLUB DR.

PROJECT 3700

GENERAL NOTES:

PUBLIC SAFETY AND CONVENIENCE:

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 2002. 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. CONTRACTOR SHALL PROVIDE ADEQUATE TRAFFIC CONTROLS INCLUDING FLAG PERSONS, LIGHTS, SIGNS, BARRICADES, PILOT CAR AND DRIVER, AND OTHER DEVICES TO PROVIDE SAFE PASSAGE OF PUBLIC VEHICULAR AND PEDESTRIAN TRAFFIC, PER SPECIFICATIONS AND THE REQUIREMENTS OF THE APPROPRIATE CALTRANS TRAFFIC SAFETY STANDARDS. THE CITY RESERVES THE RIGHT TO REQUIRE MODIFICATIONS TO THE APPROVED PLAN IN THE FIELD.
4. 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. THE CONTRACTOR SHALL NOTIFY THE UTILITY COMPANY OF ANY DAMAGE OR INTERRUPTION OF UTILITIES; WATER LINES; GAS LINES; TELEPHONE/CABLE, AND OTHERS, IMMEDIATELY.
5. SAFETY MEASURES: AT ALL TIMES THE CONTRACTOR SHALL BE SOLELY AND COMPLETELY RESPONSIBLE FOR CONDITIONS OF THE JOB SITE INCLUDING TRAFFIC, PUBLIC SAFETY, WORKER SAFETY AND PROPERTY, (THIS REQUIREMENT SHALL APPLY CONTINUOUSLY AND NOT JUST DURING NORMAL WORKING HOURS), CONTRACTOR SHALL BE RESPONSIBLE TO PROVIDE FOR ALL NECESSARY CONTINUOUS SAFETY REVIEWS OF THE CONDITIONS. WHENEVER THE CONTRACTOR'S OPERATIONS CREATE A CONDITION HAZARDOUS TO THE 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.
6. CONTRACTOR SHALL NOTIFY MILPITAS SCHOOL DISTRICT, ALL TRANSPORTATION COMPANIES AND EMERGENCY SERVICES OF EXCAVATION & PAVING SCHEDULE TO ALLOW COORDINATION. SEE SPECIFICATIONS, SECTION E-01 FOR LISTINGS, PHONE NUMBERS AND REQUIREMENTS. CONTRACTOR SHALL COORDINATE PAVING OPERATIONS WITH SCHOOL DISTRICT AND CITY.
7. CONTRACTOR SHALL PROVIDE ALL BUSINESSES AND RESIDENCES ADVANCE NOTICE OF DRIVEWAY DISRUPTIONS IN ACCORDANCE WITH SPECIFICATIONS REQUIREMENTS. REFER TO SPECIFICATIONS, SECTION E-1.
8. CONTRACTOR SHALL MAINTAIN THE PROJECT SITES IN A NEAT AND PROFESSIONAL CONDITION AT ALL TIMES, INCLUDING BUT NOT LIMITED TO PROVIDING DUST CONTROL AT ALL TIMES. CONTRACTOR SHALL REMOVE ALL DUST; DEBRIS AND EQUIPMENT AT THE END OF EACH WORKING DAY.
9. THE CONTRACTOR IS RESPONSIBLE FOR MATCHING EXISTING STREETS, SURROUNDING LANDSCAPE AND OTHER IMPROVEMENTS WITH A SMOOTH TRANSITION IN PAVING AND GRADING, ETC., AND IS TO AVOID ANY ABRUPT OR APPARENT CHANGES IN GRADES OR CROSS SLOPES, LOW SPOTS OR HAZARDOUS CONDITIONS.
10. CONTRACTOR SHALL CONFORM TO ALL APPLICABLE OCCUPATIONAL SAFETY AND HEALTH STANDARDS AND REGULATIONS BY THE CITY, COUNTY AND STATE.

LEGEND & ABBREVIATIONS:

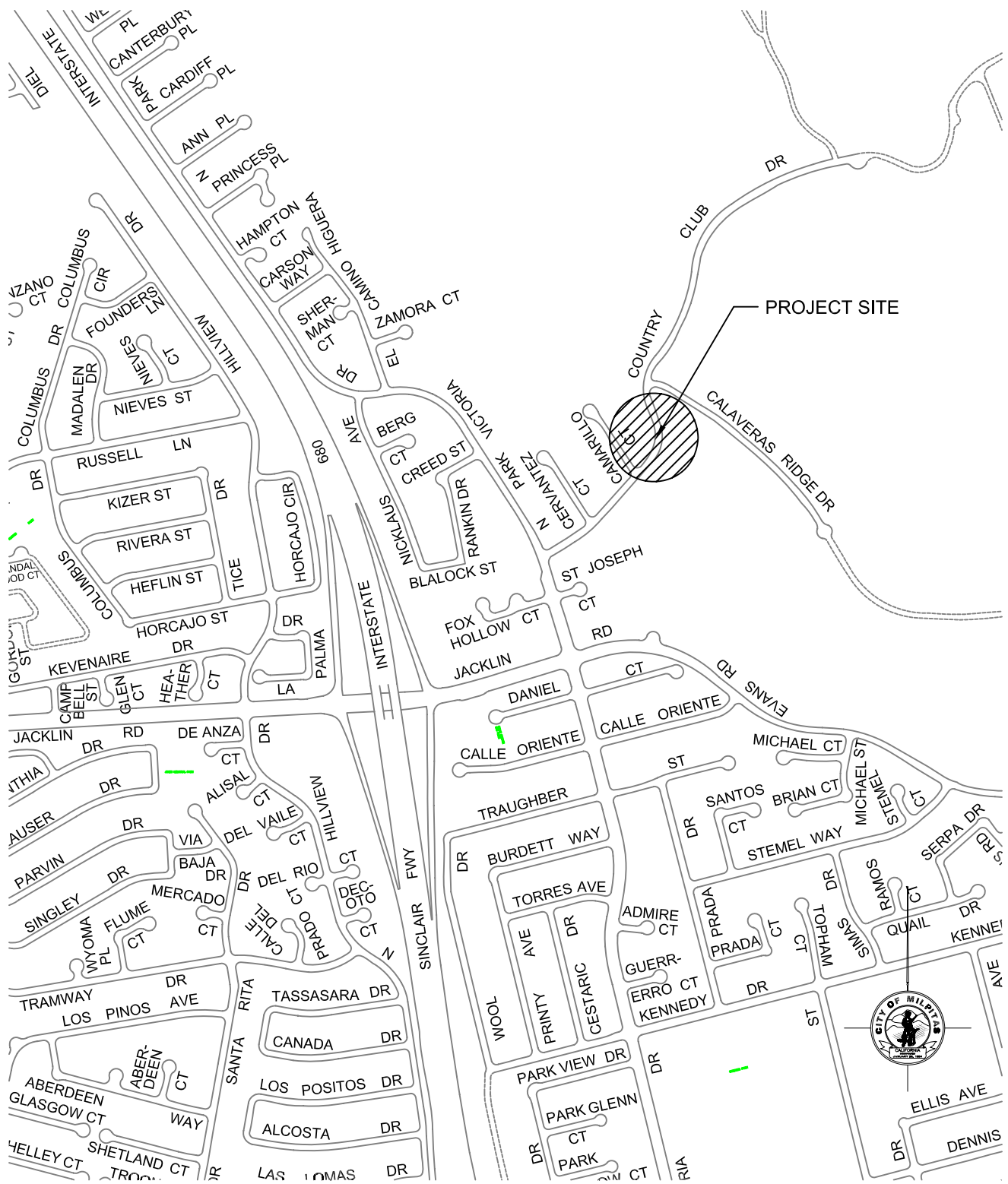
PROPOSED	EXISTING	DESCRIPTION
	10" RCP / 6" VCP	STORM DRAIN MAIN
		SANITARY SEWER MAIN
		WATER MAIN
FR — FR	FR — FR	FIBER ROLL
		DRAIN INLET
		STORM DRAIN JUNCTION BOX
		MANHOLE
		STREET SIGN
		DIRECTION OF STREET DRAINAGE

ABBREVIATIONS:

SYMBOL	DESCRIPTION
AB	Aggregate Base
AC	Asphalt Concrete
BOW	Back of Walk
C&G	Curb and Gutter
CONC	Concrete
DIA	Diameter
DWY	Driveway
ELEV	Elevation
EP	Edge of Pavement
EXIST	Existing
FOC	Face of Curb
FG	Finish Grade
FL	Flow Line at Curb & Gutter
INV	Invert
LG	Lip of Gutter
MAX	Maximum
MH	Manhole
MIN	Minimum
MON	Monument
N.T.S.	Not to Scale
PCC	Portland Cement Concrete
P.S.E.	Public Service Easement

ABBREVIATIONS:

SYMBOL	DESCRIPTION
P.U.E.	Public Utility Easement
R	Radius
RCP	Reinforced Concrete Pipe
R/W	Right of Way
S	Slope
SD	Storm Drain
S.D.E.	Storm Drain Easement
SDMH	Storm Drain Manhole
S.E.	Slope Easement
SHT.	Sheet
SPECS	Specifications
SS	Sanitary Sewer
SSCO	Sanitary Sewer Clean Out
SSMH	Sanitary Sewer Manhole
ST.	Street
STA	Station
STD	Standard
SW	Sidewalk
TC	Top of Curb
TYP.	Typical
W	Water
WM	Water Meter
WV	Water Valve



CONSTRUCTION OPERATIONS:

1. 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.
2. HAUL ROUTES SHALL BE ONLY ON THOSE STREETS AS PRE-APPROVED BY THE CITY ENGINEER. WHEN HAULING ANY EARTH, SAND, GRAVEL, STONE, DEBRIS OR ANY OTHER SUBSTANCE OVER ANY PUBLIC STREET, ALLEY OR PUBLIC PLACE, THE CONTRACTOR SHALL NOT ALLOW MATERIAL TO BLOW OR SPILL OVER AND UPON SAID PUBLIC, ADJACENT OR PRIVATE PROPERTY.
3. ALL SURVEY MONUMENTATIONS SHALL BE PROTECTED AND PERPETUATED IN PLACE. ANY DISTURBED OR COVERED MONUMENTS SHALL BE RESET BY A REGISTERED LAND SURVEYOR AT THE DIRECTION OF THE CITY ENGINEER.
4. CONTRACTOR SHALL COMPLY WITH THE PROVISIONS OF SECTION D-05, "SOUND CONTROL" OF THE PROJECT SPECIFICATIONS. FURTHER, BY 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. NO CONSTRUCTION IS PERMITTED ON THE FOLLOWING HOLIDAYS: NEW YEARS DAY, MEMORIAL DAY, INDEPENDENCE DAY, LABOR DAY, THANKSGIVING DAY, AND CHRISTMAS DAY. FOR WORKING HOURS REFER TO SPECIFICATIONS, SECTION C-29.
5. 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. AN EROSION CONTROL AND SEDIMENTATION CONTROL PLAN MUST BE IN PLACE PRIOR TO THE START OF WORK. THE EROSION AND SEDIMENTATION CONTROL PROGRAM MUST BE APPROVED, AND IMPLEMENTED PRIOR TO START OF ON-SITE WORK.
6. ALL PAINT THICKNESS SHALL BE A MINIMUM OF 15 MILS OF THICKNESS. STRIPING PAINT FOR CITY STREETS SHALL BE AS FOLLOWS OR APPROVED EQUALS: TMT PATHWAY #2677A7 WATER BASE BLACK, TMT PATHWAY #2676A5 WATER BASE YELLOW, TMT PATHWAY #2675A5 WATER BASE WHITE, WITH GLASS BEADS. THE CONTRACTOR SHALL USE THE CITY'S STANDARD STENCILS. COORDINATE PICKUP BY CALLING (408) 586 - 2884, 48 HRS AHEAD OF TIME FOR PICK-UP.
7. CONTRACTOR SHALL SUBMIT AND OBTAIN FAVORABLE REVIEW BY THE ENGINEER OF CONTRACTOR'S CONSTRUCTION SCHEDULE, STORM WATER POLLUTION PREVENTION PLAN, TRAFFIC CONTROL PLAN, AND SUBMITTALS IN ACCORDANCE WITH THESE CONTRACT DOCUMENTS, PRIOR TO BEGINNING ANY WORK WITHIN THE CONSTRUCTION SITE.
8. CONTRACTOR SHALL MEET WITH PROJECT INSPECTOR AND SIGN OFF ON QUANTITIES WITHIN 48 HOURS OF COMPLETING EACH SEGMENT.
9. CONTRACTOR IS RESPONSIBLE FOR VERIFYING QUANTITIES AND SHALL OBTAIN AN APPROVED CHANGE ORDER PRIOR TO EXCEEDING ESTIMATED QUANTITIES.
10. CONTRACTOR MUST NOTIFY CITY INSPECTOR AFTER CAT-TRACKING AND OBTAIN APPROVAL PRIOR TO THE FINAL STRIPING.
11. THERE WILL BE NO OVERNIGHT 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.
12. THE CONTRACTOR SHALL OBTAIN A HYDRANT METER FROM THE CITY, AND PAY ALL ASSOCIATED FEES, PRIOR TO OBTAINING WATER FROM FIRE HYDRANTS.
13. CONTRACTORS AND EQUIPMENTS ARE NOT ALLOWED TO WORK/EXCAVATE ON THE SLOPE OF ENBANKMENT (STARTING FROM BEHIND THE EXISTING AC CURB/BERM), EXCEPT TO INSTALL FIBER ROLLS FOR EROSSION CONTROL, ROAD EDGE MARKER AND FORMWORK.
14. MANHOLE STEPS ARE REQUIRED FOR CONCRETE BOXES OF STORM DRAIN OF 30 INCHES DEPTH OR GREATER.

DRAWING NOTES:

1. GRID IS BASED ON CALIFORNIA COORDINATE SYSTEM, ZONE 3, NAD83 (1992).
2. ELEVATIONS ARE BASED ON NGVD29.

INDEX SHEET

SHEET	
1	TITLE SHEET
2	PLAN & PROFILE
3	DETAIL DRAWINGS
4	STANDARD DRAWINGS
5	TRAFFIC HANDLING PLAN
6	BLUEPRINT FOR A CLEAN BAY

LOCATION OF UTILITIES

LOCATION OF UTILITIES SHOWN IS ONLY APPROXIMATE. DETERMINATION OF THE ACTUAL LOCATION IS THE RESPONSIBILITY OF THE CONTRACTOR.

CONTACT USA 1-800-227-2600

PROJECT NO. 3700

TITLE SHEET

SCALE:

SHEET 1 OF 6

CITY OF MILPITAS
ENGINEERING DEPARTMENT
MINOR STORM DRAIN IMPROVEMENT - COUNTRY CLUB DR.
PROJECT #3700

RECOMMENDED FOR BIDDING BY: _____ DATE: _____
Stephan Smith, Public Works Supervisor

RECOMMENDED FOR BIDDING BY: _____ DATE: _____
Steve Erickson, Capital Improvement Project Manager

RECOMMENDED FOR BIDDING _____ DATE: _____
Jeff Leung, Associate Civil Engineer

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

Revisions

Num.	Description	Engr. Appv.	Date

Drawn By: NF Date 4/21/09
Checked By: JL Date 4/21/09
Designed By: JL Date 4/21/09

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

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