



**VICINITY MAP**

NO SCALE

# CITY OF HALF MOON BAY SAN MATEO COUNTY, CALIFORNIA MAIN STREET TRAFFIC SAFETY PROJECT CITY PROJECT NO. 615

**SEE SHEET 3 FOR LOCATION MAP**

**GENERAL NOTES:**

- ALL WORK SHALL BE DONE IN ACCORDANCE WITH THESE PLANS, SPECIAL PROVISIONS, THE CITY OF HALF MOON BAY DEPARTMENT OF PUBLIC WORKS STANDARD SPECIFICATIONS FOR PUBLIC IMPROVEMENTS, AND CALTRANS STANDARD PLANS AND SPECIFICATIONS DATED 2018.
- CONSTRUCTION CONTRACTOR AGREES THAT IN ACCORDANCE WITH GENERALLY ACCEPTED CONSTRUCTION PRACTICES, CONSTRUCTION CONTRACTOR WILL BE REQUIRED TO ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR JOB SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THE PROJECT, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY; THAT THIS REQUIREMENT SHALL BE MADE TO APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS; AND CONSTRUCTION CONTRACTOR FURTHER AGREES TO DEFEND, INDEMNIFY AND HOLD THE OWNER AND FREYER & LAURETA, INC. HARMLESS FROM ANY AND ALL LIABILITY, REAL OR ALLEGED, IN CONNECTION WITH THE PERFORMANCE OF WORK ON THE PROJECT.
- IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO COORDINATE WITH THE APPROPRIATE UTILITY COMPANIES AND TO OBTAIN ANY PERMITS REQUIRED BY THE CITY OF HALF MOON BAY AND OTHER AGENCIES IN ORDER TO DO THE WORK SHOWN ON THESE PLANS.
- THE CITY ENGINEER SHALL BE NOTIFIED IN WRITING FIVE (5) DAYS PRIOR TO COMMENCING CONSTRUCTION OPERATIONS. THE CONTRACTOR SHALL GIVE THE CITY OF HALF MOON BAY ENGINEERING DEPARTMENT AT LEAST THREE (3) WORKING DAYS ADVANCE NOTICE PRIOR TO BEGINNING OF ACTUAL WORK AND ALL REQUIRED INSPECTION REQUESTS, AT (650) 558-7230.
- THE LOCATIONS OF EXISTING UNDERGROUND UTILITIES AND TOPOGRAPHIC FEATURES ARE SHOWN IN AN APPROXIMATE WAY ONLY AND HAVE NOT BEEN INDEPENDENTLY VERIFIED BY THE OWNER OR ITS REPRESENTATIVE. THE CONTRACTOR SHALL DETERMINE THE TRUE LOCATION OF ALL EXISTING UTILITIES RELATIVE TO THE TOPOGRAPHIC FEATURES BEFORE COMMENCING WORK AND AGREES TO BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH MIGHT BE OCCASIONED BY THE CONTRACTOR'S FAILURE TO EXACTLY LOCATE AND PRESERVE ANY AND ALL UNDERGROUND UTILITIES, BUILDINGS AND WALLS. THE CONTRACTOR SHALL NOTIFY THE UTILITY COMPANIES THAT WILL BE AFFECTED BY THE WORK TO OBTAIN ASSISTANCE IN LOCATING EXISTING MAINS AND SERVICE CONNECTIONS. A LIST OF MAJOR UTILITY COMPANIES WITH KNOWN EXISTING UNDERGROUND UTILITIES IN THE AREA IS:
 

UTILITY COMPANY	UTILITY	TELEPHONE NO.
PG&E	GAS	800-743-5000
PG&E	ELECTRIC	800-743-5000
AT&T	TELEPHONE	800-924-9420
COASTSIDE COUNTY WATER DISTRICT	WATER	650-726-4405
CITY OF HALF MOON BAY	SANITARY SEWER & STORM	650-726-8270

PRIOR TO ANY DIGGING CALL U.S.A. (800) 642-2444 or 811 48 HOURS IN ADVANCE TO HAVE EXISTING UNDERGROUND FACILITIES MARKED.
- THE CONTRACTOR SHALL COORDINATE THE CONSTRUCTION OPERATION WITH ALL THE UTILITIES COMPANIES WHICH ARE TO RELOCATE OR INSTALL THEIR UTILITIES TO ACHIEVE AN EFFICIENT SCHEDULE OF OPERATIONS THAT DOES NOT DELAY CONSTRUCTION.
- AS PART OF THEIR PRE-BID INSPECTION, BIDDERS SHALL VISIT THE SITE AND NOTE THE TYPE AND LOCATION OF OVERHEAD UTILITIES IN THE PROPOSED WORK AREA. BIDDERS PRICE SHALL INCLUDE PROVISIONS FOR WORKING IN AREAS WHERE OVERHEAD UTILITIES EXIST AT THE TIME OF BIDDING, WHETHER SHOWN ON THE PLAN OR NOT, AND NO ADDITIONAL COMPENSATION IS ALLOWED.
- THE CONTRACTOR SHALL NOTIFY THE CITY ENGINEER OF ANY DISCREPANCIES OR UNUSUAL CONDITIONS ASSOCIATED WITH THE PLANS, DETAILS OR CONSTRUCTION NOTES FIVE (5) DAYS PRIOR TO FINALIZATION OF BIDS AND COMMENCEMENT OF ANY CONSTRUCTION.

- IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO PROTECT ANY SURVEYING MONUMENTS FOUND WITHIN PROJECT AREA, AND FURTHER THE CONTRACTOR SHALL BE FINANCIALLY RESPONSIBLE FOR RESETTling MONUMENTS DAMAGED OR DESTROYED BY THE CONSTRUCTION OPERATIONS.
- HORIZONTAL AND VERTICAL DIMENSIONS PROVIDED ON THE DRAWINGS ARE BASED ON FIELD MEASUREMENTS. ADJUSTMENTS MAY BE MADE BY THE ENGINEER DURING CONSTRUCTION. PAYMENT WILL BE BASED ON QUANTITIES INSTALLED.
- REFER TO SPECIFICATIONS FOR TRAFFIC CONTROL RESTRICTIONS AND HOURS OF WORK.
- THE CONTRACTOR SHALL MAINTAIN ACCESS TO ALL DRIVEWAYS AND FOOT 13. TRAFFIC AT ALL TIMES EXCEPT WHEN PRECLUDED BY NECESSARY CONSTRUCTION, AS NOTED IN CALTRANS TRAFFIC MANUAL AND AS APPROVED BY THE CITY ENGINEER OR RESIDENT TO CLOSE ACCESS.
- THE CONTRACTOR SHALL PROVIDE ALL LIGHTS, SIGNS, BARRICADES, FLAGMAN OR OTHER DEVICES NECESSARY TO PROVIDE FOR PUBLIC SAFETY IN ACCORDANCE WITH THE SPECIAL PROVISIONS.
- THE CONTRACTOR SHALL BE HELD RESPONSIBLE FOR ANY FIELD CHANGES MADE WITHOUT PRIOR WRITTEN AUTHORIZATION FROM THE CITY ENGINEER.
- UPON SATISFACTORY COMPLETION OF THE WORK, THE ENTIRE WORK SITE SHALL BE CLEANED AND LEFT FREE OF CONSTRUCTION WASTE, RUBBISH AND DEBRIS OF ANY NATURE TO THE SATISFACTION OF THE CITY ENGINEER.
- CONSTRUCTION STAKING TO BE PROVIDED BY THE CONTRACTOR. CONTRACTOR SHALL MAINTAIN STAKING POINTS AT ALL TIMES DURING CONSTRUCTION.
- NOTES APPEARING ON THESE PLANS SHALL BE CONSIDERED AS REFERRING TO INCIDENTAL WORK REQUIRED FOR THE ACTIVITIES SPECIFICALLY LISTED IN THE BID SCHEDULE. NO ADDITIONAL COMPENSATION SHALL BE ALLOWED FOR ACTIVITIES OTHER THAN THOSE LISTED IN THE BID SCHEDULE.
- THE CONTRACTOR SHALL PROVIDE ALL MATERIALS, LABOR, EQUIPMENT AND APPARATUS NOT SPECIFICALLY MENTIONED ON THE PLANS OR SPECIFICATIONS, BUT WHICH ARE NECESSARY TO COMPLETE THE CONTRACTED WORK.
- THE CONTRACTOR SHALL SUPPLY AND MAINTAIN SANITARY FACILITIES FOR THE WORKERS AT THE CONSTRUCTION SITE.
- THE CONTRACTOR SHALL SATISFY THEMSELVES AS TO THE CORRECTNESS OF THE EXISTING TOPOGRAPHY, UTILITIES, AND EXISTING CONDITIONS PRIOR TO BIDDING THE PROJECT.
- TREES AND SHRUBS WITHIN THE CITY EASEMENT AND ON PRIVATE PROPERTY ADJACENT TO THE PROJECT WORK, NOTED ON THE PLANS TO BE PROTECTED, SHALL BE PROTECTED FROM DAMAGE DURING CONSTRUCTION. CONTRACTOR SHALL DEVELOP METHODS TO WORK AROUND THE TREES. (650)558-7330
- CONTRACTOR TO CONTACT CITY ENGINEER, INSPECTOR, AND CITY ARBORIST TO IDENTIFY TREES TO BE PRUNED OR REMOVED FROM CITY EASEMENT AS REQUIRED FOR ACCESS TO PROJECT AREA.
- CONTRACTOR IS RESPONSIBLE FOR SELECTING THE MEANS, METHODS, AND EQUIPMENT TO CONSTRUCT THE IMPROVEMENTS IDENTIFIED ON THE DRAWINGS.
- THE PAVEMENT GRINDING MAY CONTAIN FABRIC, ENGINEERED PAVING MAT, OR OTHER CONTAMINATED MATERIALS IN SOME CITY STREETS. IT IS THE CONTRACTOR'S RESPONSIBILITY TO REMOVE AND DISPOSE OF THESE MATERIALS ALONG WITH THE GRINDING. THERE WILL BE NO ADDITIONAL COMPENSATION ALLOWED.

**ABBREVIATIONS**

AB	AGGREGATE BASE	1
AC	ASPHALT CONCRETE	2
ADA	AMERICANS WITH DISABILITIES ACT	3
BW	BACK OF WALK	4
BS	BOTTOM OF STAIR	5
CA	CALIFORNIA	6
CB	CATCH BASIN	7
CDF	CONTROLLED DENSITY FILL	8
CIPP	CURED-IN-PLACE PIPE	9
CL	CENTER LINE	10
CLR	CLEAR	11
CMP	CORRUGATED METAL PIPE	
CONC	CONCRETE	
CS	CLASS	
CULV	CULVERT	
DET	DETAIL	
DIP	DUCTILE IRON PIPE	
DWY	DRIVEWAY	
E	ELECTRIC	
EL	ELEVATION	
EX OR (E)	EXISTING	
EV	ELECTRIC VEHICLE	
FC	FACE OF CURB	
FL	FLOW LINE	
FP	FINISHED PAVEMENT	
FTG	FOOTING	
FW	FRONT OF WALK	
GB	GRADE BREAK	
HP	HIGH POINT	
INV	INVERT ELEVATION	
ISA	INTERNATIONAL SYMBOL OF ACCESSIBILITY	
LF	LINEAR FEET	
LG	LONG	
LT	LEFT	
MAX	MAXIMUM	
MIN	MINIMUM	
MUTCD	MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES	
OC	ON CENTER	
OPP	OPPOSITE	
PERF	PERFORATED	
RCP	REINFORCED CONCRETE PIPE	
REQ'D	REQUIRED	
RT	RIGHT	
S	SLOPE	
SD	STORM DRAIN	
SDCB	STORM DRAIN CATCH BASIN	
SF	SQUARE FEET	
SS	SANITARY SEWER	
SSCO	SANITARY SEWER CLEANOUT	
STA	STATION	
STD	STANDARD	
T	TELEPHONE	
TC	TOP OF CURB	
TL	TOP OF LIP	
TOF	TOP OF FOOTING	
TOW	TOP OF WALL	
TP	TELEPHONE CONDUIT ELEV.	
TS	TOP OF STAIR	
TYP (TYP)	TYPICAL	
UNK.	UNKNOWN	
VCP	VITRIFIED CLAY PIPE	
VERT.	VERTICAL	
VIF	VERIFY IN FIELD	
W	WATER	

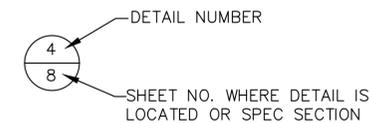
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**LEGEND**

	STORM DRAIN TO BE INSTALLED		PROPOSED STORM DRAIN INLET
	EXISTING STORM DRAIN		PROPOSED STORM DRAIN MANHOLE
	EXISTING SANITARY SEWER		EXISTING JOINT POLE/ POWER POLE
	EXISTING GAS LINE		EXISTING GAS VALVE
	EXISTING ELECTRICAL LINE OVER HEAD		EXISTING WATER VALVE
	EXISTING WATER LINE		EXISTING WATER METER
	EXISTING CITY LIMITS LINE		EXISTING CLEAN OUT
	ROLLED CURB AND GUTTER		EXISTING FIRE HYDRANT
	CURB AND GUTTER		EXISTING SEWER / STORM DRAIN MANHOLE
	ABANDONED WATER LINE		EXISTING ELECTRICAL PULL BOX
			EXISTING CATCH BASIN
			TRAFFIC SIGN

**DETAIL CALL-OUT**



TWO DAYS BEFORE YOU DIG  
CALL USA TOLL FREE  
800-642-2444  
OR 811

MAIN STREET TRAFFIC SAFETY PROJECT  
TITLE SHEET  
Half Moon Bay, CA

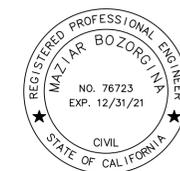


City of  
Half Moon Bay

501 Main Street  
Half Moon Bay  
CA 94019

p 650-726-7177  
f 650-726-8261  
hmbcity.com

REVISIONS	BY
DATE	07-29-2021
SCALE	AS SHOWN
DRAWN	MCM
JOB NO.	276002
DWG	
SHEET	1
OF 11 SHEETS	



APPROVED BY:  
CITY OF HALF MOON BAY

MAZIAR BOZORGINA  
CITY ENGINEER

DATE

**CONSTRUCTION NOTES:**

- THE FOLLOWING CONTROL MEASURES FOR CONSTRUCTION ACTIVITIES SHALL BE ADHERED TO, UNLESS OTHERWISE APPROVED BY THE CITY ENGINEER.
- CONTRACTOR SHALL BE RESPONSIBLE FOR THE DISPOSAL OF ANY EXCESS MATERIALS FROM THE WORK SITE.
  - EROSION CONTROL MEASURES SHALL BE INSTALLED AS NECESSARY TO PREVENT SEDIMENT RUNOFF TO PUBLIC ROADWAY DRAINAGE FACILITIES, ADJACENT PROPERTIES AND THE SAN FRANCISCO BAY.
  - CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGES ON OR OFF THE PROJECT SITE AS A RESULT OF LACK OF DUST CONTROL.
  - DURING THE PROGRESS OF THE CONSTRUCTION WORK THE CONTRACTOR SHALL MAINTAIN THE PREMISES IN A NEAT AND CLEAN CONDITION, DISPOSING OF REFUSE IN A SATISFACTORY MANNER AS OFTEN AS DIRECTED OR AS MAY BE NECESSARY SO THAT THERE SHALL BE AT NO TIME ANY UNSIGHTLY ACCUMULATION OF RUBBISH AT THE JOB SITE.
  - CONTRACTOR TO ADHERE TO ALL REQUIREMENTS OF THE SAN MATEO COUNTY HEALTH SERVICES AGENCY.
  - STORAGE OF CONSTRUCTION MATERIALS AND EQUIPMENT WILL NOT BE ALLOWED IN OR UPON THE PUBLIC RIGHT-OF-WAY. ALL MATERIALS INTENDED FOR USE ON ANY PROJECT SHALL BE OFF LOADED DIRECTLY FROM DELIVERY VEHICLES AND PLACED AS REQUIRED DURING THE COURSE OF CONSTRUCTION. SHOULD THE PERMIT HOLDER OR SUB- CONTRACTORS WISH TO STOCKPILE MATERIALS NEAR THE WORK SITE, THEY SHALL MAKE ARRANGEMENTS IN ADVANCE FOR STORAGE. ALL STORAGE SITES SHALL BE SECURE, INACCESSIBLE TO THE GENERAL PUBLIC AND KEPT FREE OF CONSTRUCTION SPOILS, DEBRIS AND TRASH AT ALL TIMES STORAGE SITES SHALL BE SUBJECT TO THE REVIEW AND APPROVAL OF THE CITY ENGINEER. CONTRACTOR SHALL COORDINATE WITH THE CITY TO FIND AN APPROPRIATE LOCATION FOR STOCKPILING AND PROTECTING MATERIALS DURING CONSTRUCTION.
  - CONTRACTOR SHALL COMPLY WITH THE RULES AND REGULATIONS OF THE STATE CONSTRUCTION SAFETY ORDERS.
  - THE CONTRACTOR SHALL PROVIDE ALL LIGHTS, SIGNS, BARRICADES, FLAG MEN OR OTHER DEVICES NECESSARY TO PROVIDE FOR PUBLIC SAFETY & TRAFFIC CONTROL.
  - THE CONTRACTOR SHALL POST EMERGENCY TELEPHONE NUMBERS FOR POLICE, FIRE, AMBULANCE, AND THOSE AGENCIES RESPONSIBLE FOR MAINTENANCE OF UTILITIES IN THE VICINITY OF JOB SITE.
  - THE CONTRACTOR SHALL IMMEDIATELY REPORT ANY SOIL OR WATER CONTAMINATION NOTICED DURING CONSTRUCTION TO THE CITY OF HALF MOON BAY FIRE DEPARTMENT HAZARDOUS MATERIALS DIVISION, THE SAN MATEO COUNTY DEPARTMENT OF HEALTH, AND THE CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD.
  - THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE TO THE SITE OR SURROUNDING AREA DUE TO DUST OR EROSION, RESULTING FROM WORK DONE BY THE CONTRACTOR. CONTRACTOR SHALL PROVIDE A SEVEN (7) DAY PHONE NUMBER TO RECEIVE AND RESPOND TO DUST COMPLAINTS RESULTING FROM ALL CONSTRUCTION OPERATIONS AND SHALL BE MAINTAINED UNTIL CONSTRUCTION IS COMPLETE. ALL BUSINESSES AND RESIDENTS WITHIN 300' OF THE PROJECT SHALL BE NOTIFIED BY THE CONTRACTOR BY MAIL WITH INFORMATION AND COMPLAINT LINES TO BE CALLED.
  - CONTRACTOR IS TO MAINTAIN ALL JOB SITE FACILITIES UNTIL ACCEPTED BY THE CITY.
  - ALL EXCAVATION SPOILS SHALL BE PLACED DIRECTLY INTO TRUCKS AND DISPOSED OF AT AN APPROVED DUMPSITE.
  - CONSTRUCTION HOURS IN THE CITY PUBLIC RIGHT-OF-WAY ARE LIMITED TO WEEKDAYS AND NON-CITY HOLIDAYS BETWEEN 8:00AM TO 5:00PM.
  - CONTRACTOR IS RESPONSIBLE FOR REPLACING ANY DAMAGED OR DISRUPTED STRIPING IN-KIND.
  - PETROMAT MAY BE FOUND IN THE AC. CONTRACTOR IS RESPONSIBLE FOR REMOVAL AND PROPER DISPOSAL.
  - ALL CURB AND GUTTER REPLACED SHALL HAVE A 2 FOOT SAWCUT CONFORM, UNLESS OTHERWISE NOTED ON PLANS.
  - SURVEY ELEVATIONS SHOWN ARE BASED ON ASSUMED BENCHMARKS. ELEVATIONS DO NOT RELATE TO SEA LEVEL.
  - CONTRACTOR SHALL ADJUST ALL EXISTING SURFACE UTILITY FEATURES FOR ASPHALT AND CONCRETE REPAVING. UPON COMPLETION, UTILITY FEATURES SHALL BE SET FLUSH WITH NEW SURFACE GRADE. ADJUSTMENT OF ALL EXISTING SURFACE UTILITY FEATURES SHALL BE INCLUDED IN CONTRACTORS PRICE WHETHER OR NOT SPECIFICALLY CALLED OUT ON THE PLANS.
  - CONTRACTOR SHALL ACCOUNT FOR NECESSARY GROUNDWATER CONTROL.
  - IT IS THE CONTRACTOR'S RESPONSIBILITY TO PROTECT ANY SURVEYING MONUMENT OR GROUNDWATER MONUMENTS WITHIN PROJECT AREA, AND FURTHER, THE CONTRACTOR IS FINANCIALLY RESPONSIBLE FOR RESETTING MONUMENTS DAMAGED OR DESTROYED BY THE CONSTRUCTION OPERATIONS INCLUDING FILING THE CORNER RECORD(S) AS REQUIRED BY LAW.
  - PAVEMENT GRINDINGS MAY CONTAIN FABRIC, ENGINEERED PAVING MAT, OR OTHER CONTAMINATED MATERIALS. IT IS YOUR RESPONSIBILITY TO REMOVE AND DISPOSE OF THESE MATERIALS ALONG WITH THE GRINDING SPOILS. THERE WILL BE NO ADDITIONAL COMPENSATION ALLOWED.

**UNDERGROUND NOTES:**

- SUBGRADE SHALL BE COMPACTED TO AT LEAST 95% RELATIVE COMPACTION. WHERE SUBGRADE CAN NOT BE COMPACTED TO 95% REMEDIAL METHODS SHOWN SHALL BE INCORPORATED IN THE WORK.
- WHERE UNSUITABLE SUBGRADE MATERIAL IS ENCOUNTERED, REMEDIAL WORK TO BE DONE UNDER THE DIRECTION OF THE CITY ENGINEER, INCLUDES BUT IS NOT LIMITED TO, REMOVING UNSUITABLE MATERIAL AND PLACING A LAYER OF GEOTECHNIC FABRIC AND CLASS 2 AGGREGATE BASE COMPACTED TO 95% UNDER THE INSTALLATION.
- OVER-EXCAVATED SUBGRADE FOR GUTTER OR SIDEWALK SHALL BE BACK-FILLED WITH CLASS 2 AGGREGATE BASE MATERIAL.
- EXISTING CONCRETE SHALL BE REMOVED AT EXPANSION OR WEAKENED PLANE JOINTS BY SAWCUTTING.
- SAW CUTS MUST BE FULL DEPTH.
- NEW WORK SHALL MATCH EXISTING IN SCORE AND COLOR.
- SUBGRADE SHALL BE THOROUGHLY WETTED IMMEDIATELY PRIOR TO PLACING CONCRETE.
- SEE PROJECT SPECIFICATIONS FOR CONCRETE TYPE AND FINISHES.
- CONCRETE SHALL HAVE A SLUMP OF NOT MORE THAN 4 INCHES.
- NO ADMIXTURES SHALL BE USED WITHOUT THE PERMISSION OF THE CITY ENGINEER.
- 1/2-INCH THICK EXPANSION JOINTS SHALL BE PLACED ON BOTH SIDES OF DRIVEWAY APPROACHES, CURB, GUTTER AND SIDEWALK RETURN POINTS AND AT 20' FEET ON CENTER.
- WEAKENED PLANE JOINTS AT LEAST 1-1/2 INCHES DEEP SHALL BE PLACED AT THE CENTER OF DRIVEWAYS AND 20' ON CENTER.
- 1/4-INCH DEEP SCORE MARKS SHALL BE PLACED AS DESCRIBED IN THE STANDARD SPECIFICATIONS OR AS DIRECTED BY THE CITY ENGINEER.
- NO CONCRETE SHALL BE PLACED UNTIL THE CITY ENGINEER OR HIS AUTHORIZED REPRESENTATIVE HAS INSPECTED AND APPROVED FORMS AND SUBGRADE.
- ALL EXPOSED EDGES SHALL BE ROUNDED WITH 1/2-INCH RADIUS TOOL.
- ALL SURFACES SHALL BE BROOM FINISHED FOR CURB AND GUTTER. REFER TO PROJECT SPECIFICATIONS FOR FLATWORK AND OTHER CONCRETE IMPROVEMENTS FINISHES.
- CURBS, SIDEWALKS AND DRIVEWAY APPROACHES SHALL BE BACK FILLED WITHIN 7 DAYS AFTER PLACING CONCRETE. THIS SHALL INCLUDE ANY REQUIRED AC PATCHWORK.
- FORM FACES SHALL NOT VARY FROM THE DIMENSIONS SHOWN BY MORE THAN .02 FEET. FORMS SHALL MEET GRADE.
- UNLESS OTHERWISE SPECIFIED ON THE APPROVED PLANS, CONCRETE SHALL BE CURED BY MEANS OF THE IMPERVIOUS MEMBRANE METHOD.
- ALL WORK WITHIN THE PUBLIC RIGHT-OF-WAY SHALL BE PERFORMED BY A STATE LICENSED "CLASS A" CONTRACTOR. A CONCRETE CONTRACTOR WITH A "C" LICENSE MAY PERFORM CONCRETE FLAT WORK.
- A MINIMUM OF 12" OF ASPHALT SHALL BE REMOVED ALONG THE GUTTER LIP FOR THE INSTALLATION OF FORMS. FOR CURB AND GUTTER INSTALLATIONS AC SHALL BE BROUGHT TO FINISH GRADE OF FORMS AND TRANSITIONED AS REQUIRED BY THE CITY ENGINEER.
- ALL ASPHALT REPAIRS SHALL BE FLUSH WITH THE ADJACENT SURFACES AT CONFORMS AND EDGES. MAXIMUM ALLOWABLE TOLERANCES SHALL BE .01' LONGITUDINALLY AND .02' TRANSVERSELY.
- ALL DRIVEWAYS, CURB AND GUTTER, AND SIDEWALK REPLACEMENTS SHALL BE PER CITY STANDARDS. CONTRACTOR IS RESPONSIBLE FOR UNDERSTANDING THESE DETAILS FOR PROPER BIDDING AND INSTALLATION.
- DUE TO COVID EXTENDED LEAD TIMES FOR PRECAST CONCRETE STRUCTURES, CONTRACTOR HAS THE OPTION TO CAST-IN-PLACE NEW CONCRETE STRUCTURES AS SHOWN ON THE PLANS.

**CONCRETE GENERAL NOTES:**

- LOCATIONS OF EXISTING UNDERGROUND FACILITIES AND UTILITIES SHOWN ARE BASED ON AVAILABLE UTILITY COMPANY INFORMATION. IT IS THE CONTRACTOR'S RESPONSIBILITY TO VERIFY THE ACTUAL LOCATION OF UTILITIES PRIOR TO THE COMMENCEMENT OF WORK. THE CONTRACTOR SHALL CONTACT UNDERGROUND SERVICE ALERT (U.S.A.) AT 811 AT LEAST 48 HOURS IN ADVANCE OF ANY EXCAVATING.
- PHYSICAL VERIFICATION OF UTILITY LOCATION SHALL BE PERFORMED BY POT HOLING OR HAND DIGGING AND CAREFUL SUBSURFACE PROBING IN CONFORMANCE WITH ARTICLE 6 OF THE CAL/OSHA CONSTRUCTION SAFETY ORDERS. ANY DEVIATIONS FROM LOCATIONS SHOWN ON PLANS SHALL BE BROUGHT TO THE ENGINEER'S ATTENTION BEFORE STARTING CONSTRUCTION.
- EXISTING UTILITIES ARE SHOWN PER AVAILABLE INFORMATION. THERE MAY BE ADDITIONAL EXISTING LINES NOT SHOWN ON THE PLANS. CONTRACTOR SHALL BE CAREFUL TO AVOID ANY DAMAGE TO THESE UTILITY SERVICES.
- ALL EXISTING UTILITIES AND IMPROVEMENTS THAT BECOME DAMAGED DURING CONSTRUCTION SHALL BE COMPLETELY RESTORED TO THE SATISFACTION OF THE CITY ENGINEER AND THE UTILITY OWNER AT THE CONTRACTOR'S SOLE EXPENSE.
- MAIN UTILITIES, OTHER THAN WATER, SANITARY SEWER, AND STORM IN CONFLICT WITH THE WORK WILL BE RELOCATED BY OTHERS. WATER MAINS, SANITARY SEWER MAINS, STORM DRAINS AND THEIR SERVICES REQUIRED TO BE TEMPORARILY OR PERMANENTLY RELOCATED FOR CONSTRUCTION OF PROPOSED IMPROVEMENTS SHALL BE RELOCATED BY THE CONTRACTOR.
- NOTIFY PG&E SEVEN CALENDAR DAYS PRIOR TO PROCEEDING WITH WORK WITHIN 5 FEET OF THEIR FACILITIES.

MAIN STREET TRAFFIC SAFETY PROJECT  
**GENERAL NOTES**  
 Half Moon Bay, CA



City of  
 Half Moon Bay  
 501 Main Street  
 Half Moon Bay  
 CA 94019  
 p 650-726-7177  
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SHEET	2
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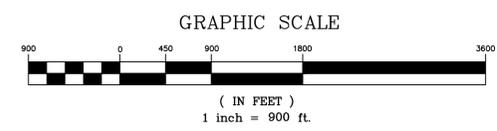
APPROVED BY:  
 CITY OF HALF MOON BAY

MAZIAR BOZORGINIA  
 CITY ENGINEER

DATE

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HALF MOON BAY



APPROVED BY:  
CITY OF HALF MOON BAY

MAZIAR BOZORGINIA  
CITY ENGINEER

DATE

MAIN STREET TRAFFIC SAFETY PROJECT  
LOCATION MAP  
Half Moon Bay, CA



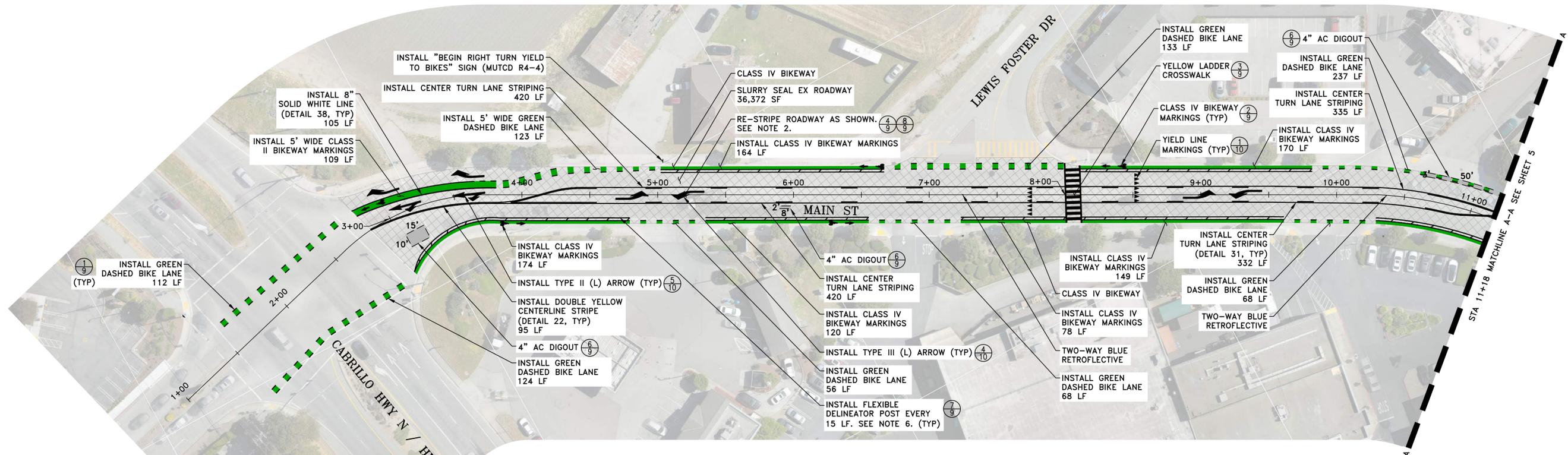
City of  
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SHEET	3
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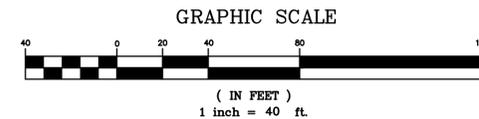
1 IMPROVEMENT PLANS  
SCALE: 1"=40"

LEGEND:

- SLURRY SEAL
- 4" AC DIGOUT
- BIKE LANE (GREEN THERMOPLASTIC)
- CLASS II & IV BIKE LANE MARKING
- CLASS III BIKEWAY MARKING
- BIKE LANE MARKING
- PROPOSED SIGN

GENERAL NOTES:

1. NOT USED.
2. ALL PAVEMENT MARKINGS SHALL BE TWO COATS OF THERMOPLASTIC PAINT. PAINT SHALL CONFORM TO SECTION 84 OF THE CALTRANS SPECIFICATIONS.
3. ROADWAY ALIGNMENT SHOWN FOR PAVEMENT DELINEATION STATIONING GENERATED WITHOUT EXISTING MONUMENT OR BENCHMARK BASIS. ENGINEER ON SITE SHALL VERIFY STRIPING LOCATION PRIOR TO INSTALLATION.
4. ALL STRIPING DIMENSIONS SHOWN ARE MEASURED FROM STRIPE TO STRIPE OR STRIPE TO FACE OF CURB.
5. ALL EXISTING SIGNS SHALL BE PROTECTED IN PLACE UNLESS OTHERWISE SPECIFIED FOR REMOVAL OR RELOCATION.
6. FLEXIBLE DELINEATOR POSTS SHALL BE INSTALLED IN THE CENTER OF THE BUFFER AREA STRIPE CLOSEST TO THE ROAD CENTERLINE EVERY 15 LF.
7. ALL NEW SIGNS SHALL BE INSTALLED ONTO EXISTING POLES UNLESS STATED OTHERWISE.



APPROVED BY:  
CITY OF HALF MOON BAY

MAZIAR BOZORGINIA  
CITY ENGINEER

DATE



City of  
Half Moon Bay

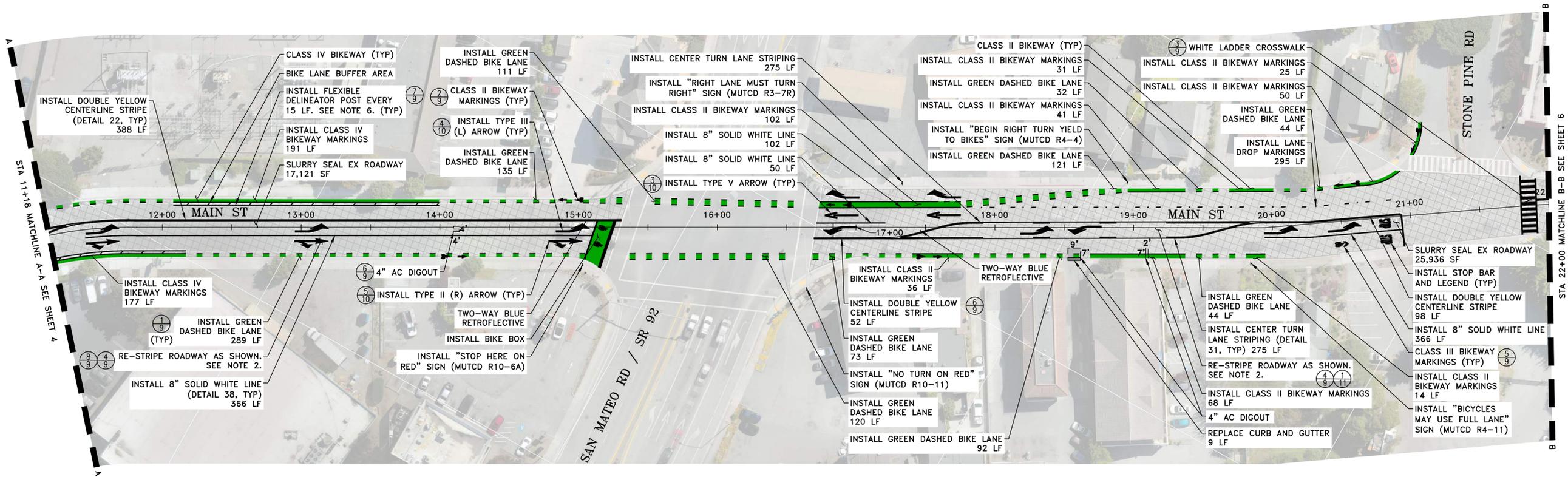
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DATE	07-29-2021
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OF	11 SHEETS

MAIN STREET TRAFFIC SAFETY PROJECT  
BIKE LANE IMPROVEMENTS  
Half Moon Bay, CA

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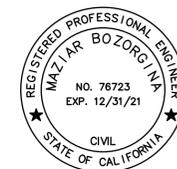
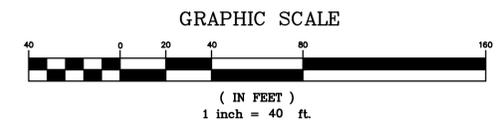
1 IMPROVEMENT PLANS  
SCALE: 1"=40"

LEGEND:

- SLURRY SEAL
- 4" AC DIGOUT
- BIKE LANE (GREEN THERMOPLASTIC)
- CLASS II & IV BIKE LANE MARKING  
CLASS III BIKEWAY MARKING  
BIKE LANE MARKING  
PROPOSED SIGN

GENERAL NOTES:

1. NOT USED.
2. ALL PAVEMENT MARKINGS SHALL BE TWO COATS OF THERMOPLASTIC PAINT. PAINT SHALL CONFORM TO SECTION 84 OF THE CALTRANS SPECIFICATIONS.
3. ROADWAY ALIGNMENT SHOWN FOR PAVEMENT DELINEATION STATIONING GENERATED WITHOUT EXISTING MONUMENT OR BENCHMARK BASIS. ENGINEER ON SITE SHALL VERIFY STRIPING LOCATION PRIOR TO INSTALLATION.
4. ALL STRIPING DIMENSIONS SHOWN ARE MEASURED FROM STRIPE TO STRIPE OR STRIPE TO FACE OF CURB.
5. ALL EXISTING SIGNS SHALL BE PROTECTED IN PLACE UNLESS OTHERWISE SPECIFIED FOR REMOVAL OR RELOCATION.
6. FLEXIBLE DELINEATOR POSTS SHALL BE INSTALLED IN THE CENTER OF THE BUFFER AREA STRIPE CLOSEST TO THE ROAD CENTERLINE EVERY 15 LF.
7. ALL NEW SIGNS SHALL BE INSTALLED ONTO EXISTING POLES UNLESS STATED OTHERWISE.



APPROVED BY:  
CITY OF HALF MOON BAY

MAZIAR BOZORGINIA  
CITY ENGINEER

DATE



City of  
Half Moon Bay

501 Main Street  
Half Moon Bay  
CA 94019

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REVISIONS BY

DATE 07-29-2021

SCALE AS SHOWN

DRAWN JLB/LFH

JOB NO. 276002

DWG

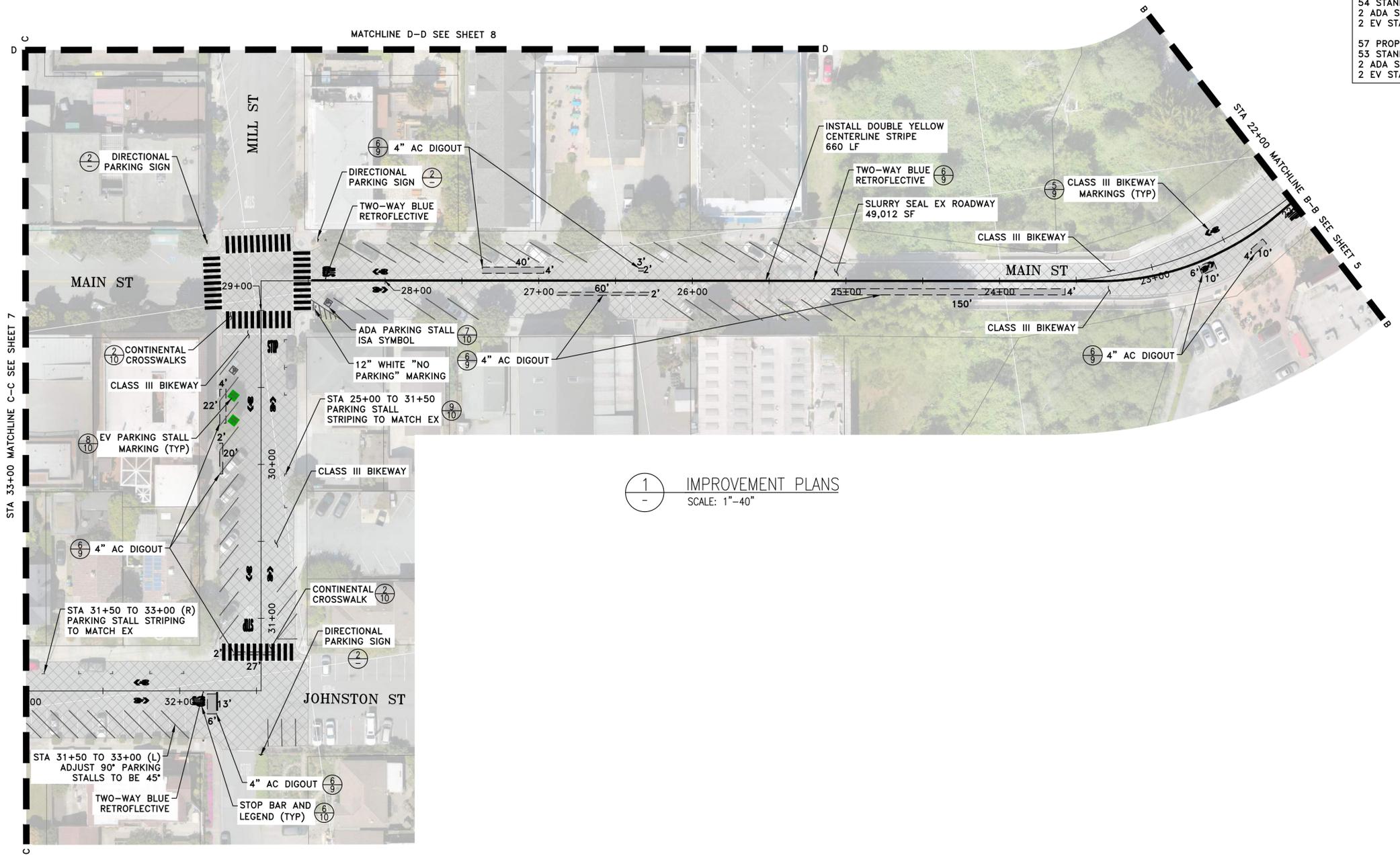
SHEET 5

OF 11 SHEETS

MAIN STREET TRAFFIC SAFETY PROJECT  
BIKE LANE IMPROVEMENTS  
Half Moon Bay, CA

MAIN STREET TRAFFIC SAFETY PROJECT  
BIKE LANE IMPROVEMENTS  
Half Moon Bay, CA

58 EXISTING STALLS:
54 STANDARD PARKING STALLS
2 ADA STALLS
2 EV STALLS
57 PROPOSED STALLS:
53 STANDARD PARKING STALLS
2 ADA STALLS
2 EV STALLS



1 IMPROVEMENT PLANS  
SCALE: 1"=40'

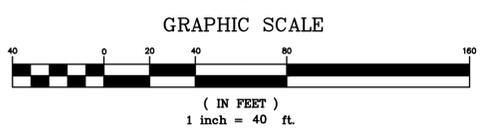
2 DIRECTIONAL PARKING SIGN  
SCALE: NO SCALE

LEGEND:

- SLURRY SEAL
- 4" AC DIGOUT
- CLASS II & IV BIKE LANE MARKING  
CLASS III BIKEWAY MARKING  
BIKE LANE MARKING  
PROPOSED SIGN

GENERAL NOTES:

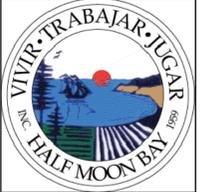
1. NOT USED.
2. ALL PAVEMENT MARKINGS SHALL BE TWO COATS OF THERMOPLASTIC PAINT. PAINT SHALL CONFORM TO SECTION 84 OF THE CALTRANS SPECIFICATIONS.
3. ROADWAY ALIGNMENT SHOWN FOR PAVEMENT DELINEATION STATIONING GENERATED WITHOUT EXISTING MONUMENT OR BENCHMARK BASIS. ENGINEER ON SITE SHALL VERIFY STRIPING LOCATION PRIOR TO INSTALLATION.
4. ALL STRIPING DIMENSIONS SHOWN ARE MEASURED FROM STRIPE TO STRIPE OR STRIPE TO FACE OF CURB.
5. ALL EXISTING SIGNS SHALL BE PROTECTED IN PLACE UNLESS OTHERWISE SPECIFIED FOR REMOVAL OR RELOCATION.
6. ALL NEW SIGNS SHALL BE INSTALLED ONTO EXISTING POLES UNLESS STATED OTHERWISE.



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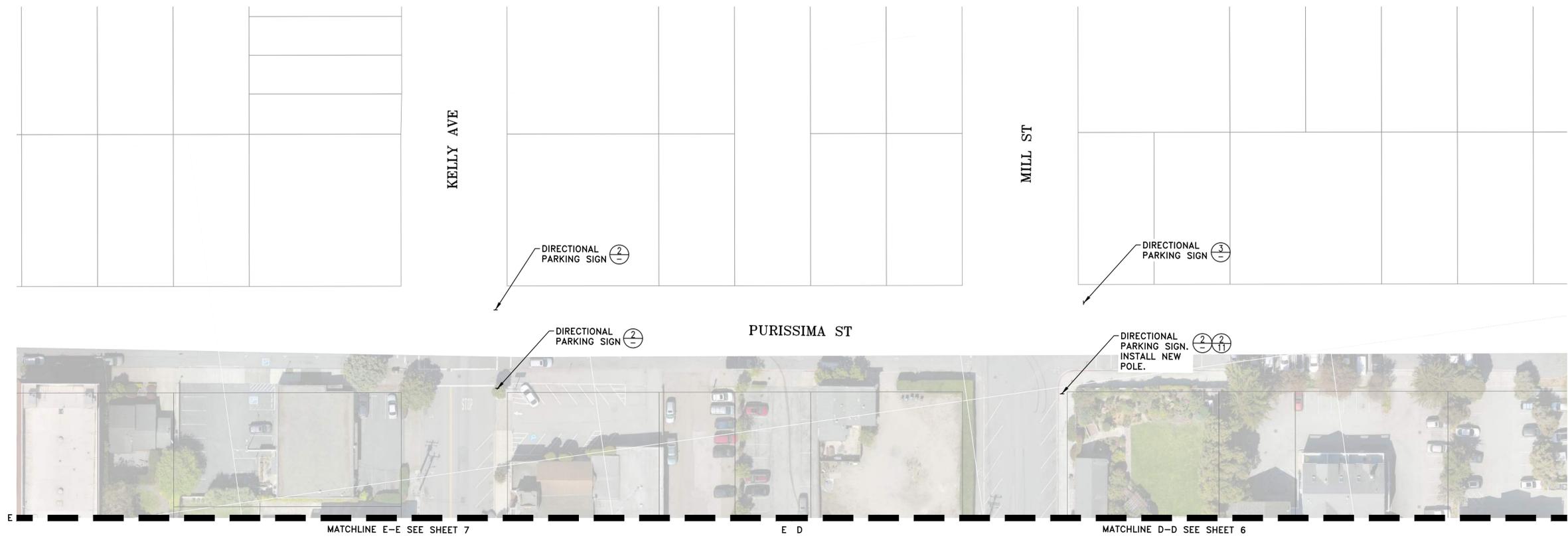
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DATE	07-29-2021
SCALE	AS SHOWN
DRAWN	JLB/LFH
JOB NO.	276002
DWG.	
SHEET	6
	OF 11 SHEETS

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MAIN STREET TRAFFIC SAFETY PROJECT  
 ADDITIONAL SIGN LOCATIONS  
 Half Moon Bay, CA



① IMPROVEMENT PLANS  
 SCALE: 1"=40"

LEGEND:

PROPOSED SIGN

GENERAL NOTES:

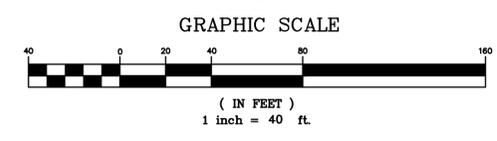
1. ALL EXISTING SIGNS SHALL BE PROTECTED IN PLACE UNLESS OTHERWISE SPECIFIED FOR REMOVAL OR RELOCATION.
2. ALL NEW SIGNS SHALL BE INSTALLED ONTO EXISTING POLES UNLESS STATED OTHERWISE.



② DIRECTIONAL PARKING SIGN  
 SCALE: NO SCALE



③ DIRECTIONAL PARKING SIGN-THROUGH  
 SCALE: NO SCALE



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MAZIAR BOZORGINIA  
 CITY ENGINEER

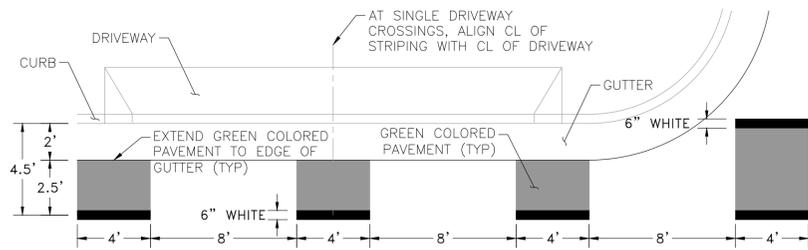
DATE



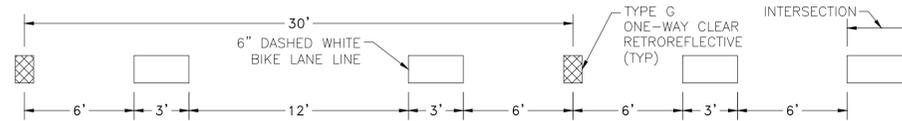
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 Half Moon Bay  
 CA 94019  
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DATE	07-29-2021
SCALE	AS SHOWN
DRAWN	JLB/LFH
JOB NO.	276002
DWG.	
SHEET	8
	OF 11 SHEETS

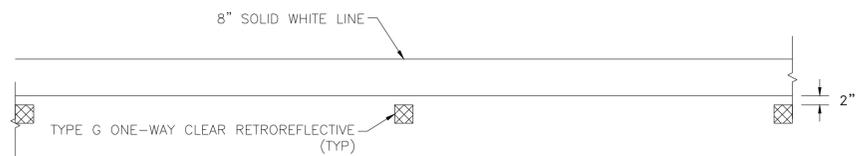
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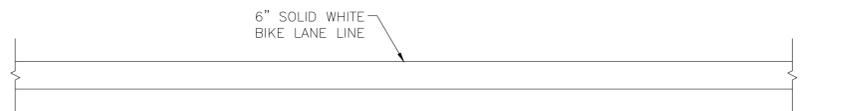
1 GREEN DASHED BIKE LANE  
SCALE: NO SCALE



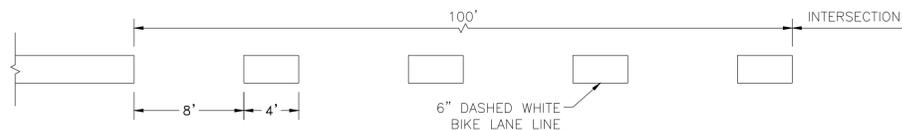
CALTRANS STANDARD DETAIL 37B, PAGE A20C



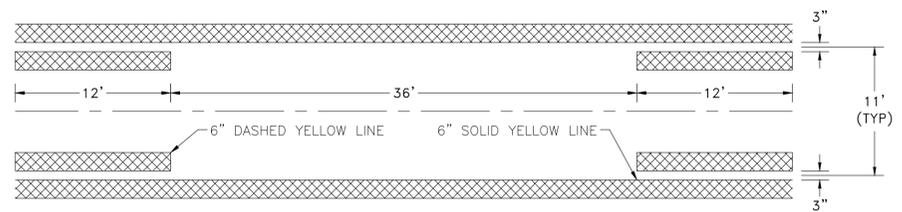
CALTRANS STANDARD DETAIL 38, PAGE A20D



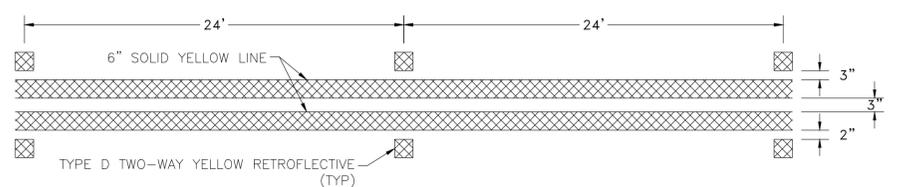
CALTRANS STANDARD DETAIL 39, PAGE A20D



CALTRANS STANDARD DETAIL 39A, PAGE A20D

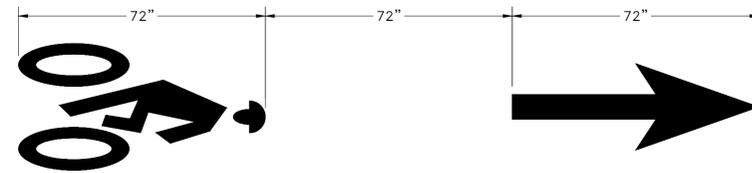


CALTRANS STANDARD DETAIL 31, PAGE A20B



CALTRANS STANDARD DETAIL 22, PAGE A20A

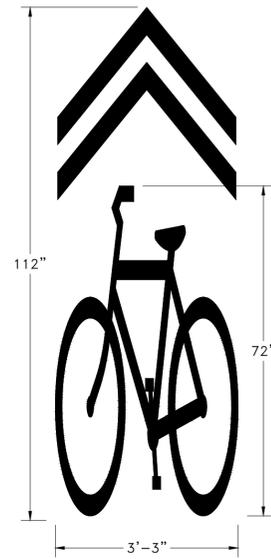
4 STRIPING DETAILS  
SCALE: NO SCALE



NOTES:

1. PAVEMENT MARKING PER THE LATEST EDITION OF THE CA MUTCD, FIGURE 9C-3 (OPTION B - HELMETED BICYCLIST SYMBOL AND ARROW) "WORD, SYMBOL, AND ARROW PAVEMENT MARKINGS FOR BICYCLE LANES".

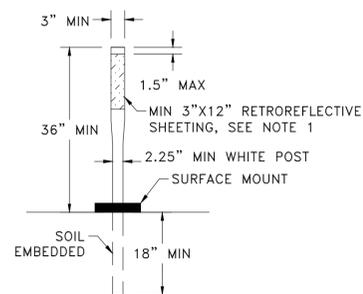
2 CLASS II/IV BIKE LANE MARKING  
SCALE: NO SCALE



NOTES:

1. PAVEMENT MARKING PER THE LATEST EDITION OF THE CA MUTCD, FIGURE 9C-9 "SHARED LANE MARKING".

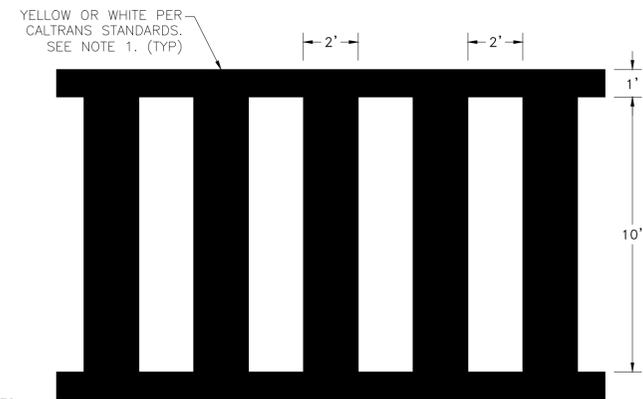
5 CLASS III BIKE LANE MARKING  
SCALE: NO SCALE



NOTES:

1. UNLESS SHOWN OTHERWISE ON THE PLANS, OR AS DIRECTED BY THE CITY, THE COLOR OF THE RETROREFLECTIVE SHEETING FOR PERMANENT CHANNELIZERS SHALL CONFORM TO THE COLOR OF THE PAVEMENT MARKINGS IT SUPPLEMENTS.

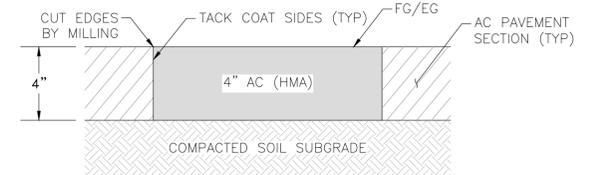
7 FLEXIBLE DELINEATOR POST  
SCALE: NO SCALE



NOTES:

1. LADDER CROSSWALKS SHALL BE PAINTED WHITE UNLESS SPECIFICALLY CALLED OUT TO BE PAINTED YELLOW ON PLANS

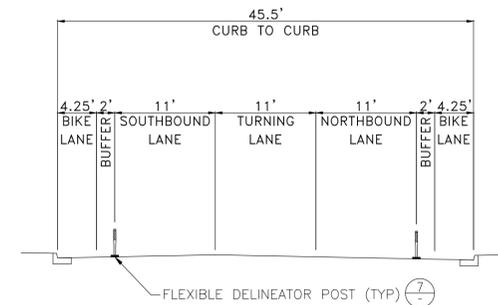
3 LADDER CROSSWALK  
SCALE: NO SCALE



NOTES:

1. EXACT LOCATIONS AND SIZES OF BASE REPAIRS SHALL BE DETERMINED IN THE FIELD BY THE CONTRACTOR AND THE ENGINEER. THE AGREED UPON DIMENSION SHALL BE RECORDED AND SUBMITTED TO THE ENGINEER.  
2. TACK COAT SHALL BE APPLIED TO ALL PAVEMENT SURFACES PRIOR TO PLACEMENT OF EACH LIFT OF NEW ASPHALT CONCRETE.  
3. OVER-EXCAVATE 6 INCHES IF UNSUITABLE SUBGRADE MATERIAL IS ENCOUNTERED. SEE TECHNICAL SPECIFICATIONS FOR DETAILS.

6 FULL DEPTH AC BASE REPAIR  
SCALE: NO SCALE



8 MAIN ST SECTION BETWEEN SR 92 & HWY 1  
SCALE: NO SCALE



APPROVED BY:  
CITY OF HALF MOON BAY

MAZIAR BOZORGINIA  
CITY ENGINEER

DATE



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Half Moon Bay

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REVISIONS BY

DATE 07-29-2021

SCALE AS SHOWN

DRAWN JLB/LFH

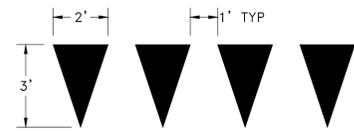
JOB NO. 276002

DWG.

SHEET

9

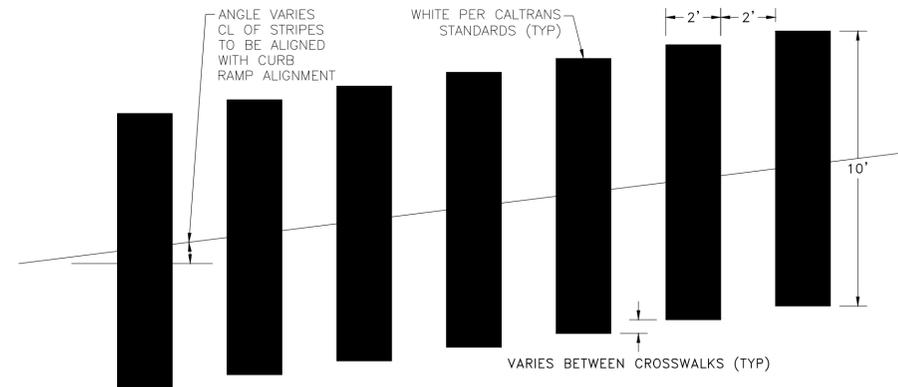
OF 11 SHEETS



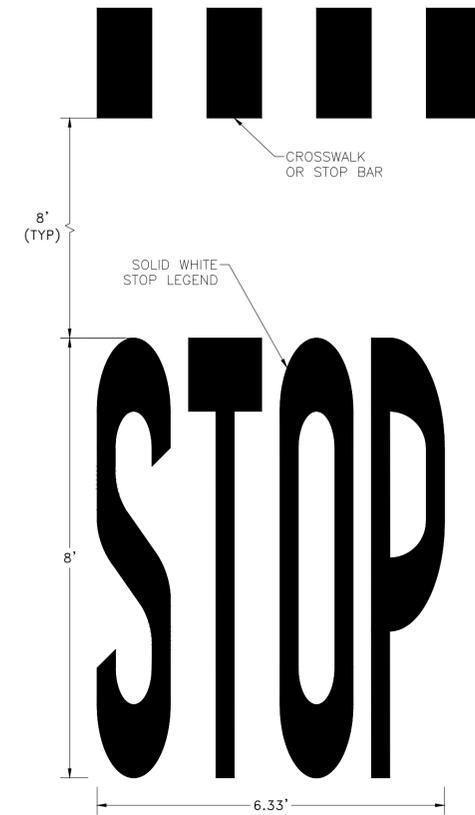
**NOTES:**

1. PAVEMENT MARKING PER THE LATEST EDITION OF THE CA MUTCD, FIGURE 3B-16 "RECOMMENDED YIELD LINE LAYOUTS".
2. TRIANGLE HEIGHT IS EQUAL TO 1.5 TIMES THE BASE DIMENSION.
3. YIELD LINES MAY BE SMALLER THAN SUGGESTED WHEN INSTALLED ON MUCH NARROWER, SLOW-SPEED FACILITIES SUCH AS SHARED-USE PATHS.

**1** YIELD LINE MARKINGS  
SCALE: NO SCALE



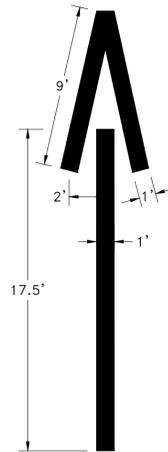
**2** CONTINENTAL CROSSWALK  
SCALE: NO SCALE



**NOTES:**

1. STOP LEGEND PAVEMENT MARKING PER THE LATEST EDITION OF THE CA MUTCD, FIGURE 3B-23 "EXAMPLES OF ELONGATED LETTERS FOR WORD PAVEMENT MARKINGS".
2. UNLESS OTHERWISE NOTED, ALL STOP BARS AND LEGEND SHALL BE THERMOPLASTIC.
3. EXTEND STOP BAR FROM CENTERLINE STRIPING TO EDGE OF ASPHALT PAVEMENT.
4. CENTER STOP LEGEND BETWEEN THE CENTERLINE STRIPING AND THE EDGE OF ASPHALT PAVEMENT.

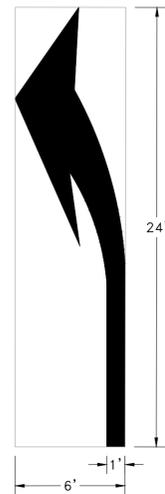
**6** STOP BAR AND LEGEND MARKING  
SCALE: NO SCALE



**NOTES:**

1. TYPE V ARROW PER THE CALTRANS STANDARD PLANS, PAGE A24A.

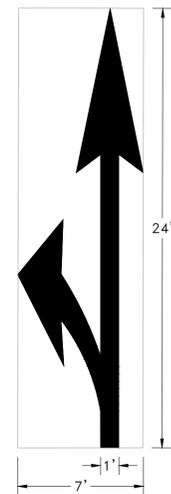
**3** THROUGH ARROW  
SCALE: NO SCALE



**NOTES:**

1. TYPE III (L) ARROW PER THE CALTRANS STANDARD PLANS, PAGE A24B.
2. USE TYPE III (R) FOR MIRROR IMAGE.

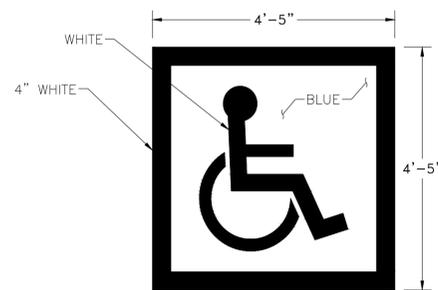
**4** TURN ARROW  
SCALE: NO SCALE



**NOTES:**

1. TYPE II (L) ARROW PER THE CALTRANS STANDARD PLANS, PAGE A24B.
2. USE TYPE II (R) FOR MIRROR IMAGE.

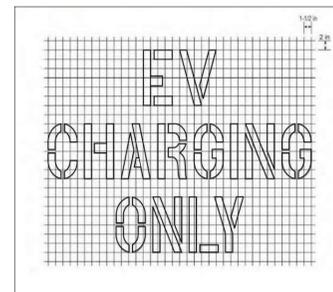
**5** TURN AND THROUGH ARROW  
SCALE: NO SCALE



**NOTES:**

1. INTERNATIONAL SYMBOL OF ACCESSIBILITY (ISA) MARKING PER THE CALTRANS STANDARD PLANS, PAGE A24C.

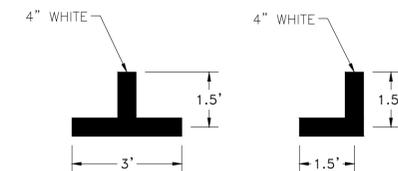
**7** INTERNATIONAL SYMBOL OF ACCESSIBILITY MARKING  
SCALE: NO SCALE



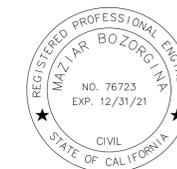
**NOTES:**

1. PAVEMENT MARKING PER THE LATEST EDITION OF THE CA MUTCD, FIGURE 3B-108 "ELECTRIC VEHICLE CHARGING STATION PAVEMENT MARKING DETAIL".

**8** ELECTRIC VEHICLE CHARGING STATION PAVEMENT MARKING  
SCALE: NO SCALE



**9** PARALLEL STALL MARKING  
SCALE: NO SCALE



APPROVED BY:  
CITY OF HALF MOON BAY

MAZIAR BOZORGINIA  
CITY ENGINEER

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MAIN STREET TRAFFIC SAFETY PROJECT  
DETAILS  
Half Moon Bay, CA



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SHEET

10

OF 11 SHEETS

