



**CONSTRUCTION NOTES:**

THE FOLLOWING CONTROL MEASURES FOR CONSTRUCTION ACTIVITIES SHALL BE ADHERED TO, UNLESS OTHERWISE APPROVED BY THE CITY ENGINEER.

1. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO CALL THE CITY OFFICE AT (650)726-8285 FOR INSPECTION 24 HOURS PRIOR TO PERFORMING ANY WORK. WORK PERFORMED WITHOUT CALLING FOR INSPECTION SHALL BE REJECTED AND SHALL BE REMOVED SOLELY AT THE CONTRACTOR'S EXPENSE.
2. THE CONTRACTOR SHALL SATISFY HIMSELF/HERSELF THAT ESTIMATED QUANTITIES SHOWN ARE CORRECT BEFORE BIDDING ON ANY ITEM.
3. ALL EXISTING PAVEMENT TO BE REMOVED SHALL BE SAW CUT AND REMOVED TO CLEAN STRAIGHT LINES. HEADER CUTS MAY BE PROVIDED ADJACENT TO SAWCUTS.
4. CONTRACTOR SHALL BE RESPONSIBLE FOR THE DISPOSAL OF ANY EXCESS MATERIALS FROM THE WORK SITE.
5. EROSION CONTROL MEASURES SHALL BE INSTALLED AS NECESSARY TO PREVENT SEDIMENT RUNOFF TO PUBLIC ROADWAY DRAINAGE FACILITIES, ADJACENT PROPERTIES AND THE SAN FRANCISCO BAY.
6. CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGES ON OR OFF THE PROJECT SITE AS A RESULT OF LACK OF DUST CONTROL.
7. 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.
8. CONTRACTOR TO ADHERE TO ALL REQUIREMENTS OF THE SAN MATEO COUNTY HEALTH SERVICES AGENCY.
9. 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.
10. CONTRACTOR SHALL COMPLY WITH THE RULES AND REGULATIONS OF THE STATE CONSTRUCTION SAFETY ORDERS.
11. THE CONTRACTOR SHALL PROVIDE ALL LIGHTS, SIGNS, BARRICADES, FLAG MEN OR OTHER DEVICES NECESSARY TO PROVIDE FOR PUBLIC SAFETY & TRAFFIC CONTROL.
12. 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.
13. 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.
14. 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.
15. CONTRACTOR IS TO MAINTAIN ALL JOB SITE FACILITIES UNTIL ACCEPTED BY THE CITY.
16. ALL EXCAVATION SPOILS SHALL BE PLACED DIRECTLY INTO TRUCKS AND DISPOSED OF AT AN APPROVED DUMPSITE.
17. CONSTRUCTION HOURS IN THE CITY PUBLIC RIGHT-OF-WAY ARE LIMITED TO WEEKDAYS AND NON-CITY HOLIDAYS BETWEEN 8:00AM TO 5:00PM.
18. CONTRACTOR IS RESPONSIBLE FOR REPLACING ANY DAMAGED OR DISRUPTED STRIPING IN-KIND.
19. PETROMAT MAY BE FOUND IN THE AC. CONTRACTOR IS RESPONSIBLE FOR REMOVAL AND PROPER DISPOSAL.
20. ALL CURB AND GUTTER REPLACED SHALL HAVE A 2 FOOT SAWCUT CONFORM, UNLESS OTHERWISE NOTED ON PLANS.
21. SURVEY ELEVATIONS SHOWN ARE BASED ON ASSUMED BENCHMARKS. ELEVATIONS DO NOT RELATE TO SEA LEVEL.
22. 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.
23. CONTRACTOR SHALL ACCOUNT FOR NECESSARY GROUNDWATER CONTROL.
24. 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.
25. 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:**

1. 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.
2. 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.
3. OVER-EXCAVATED SUBGRADE FOR GUTTER OR SIDEWALK SHALL BE BACK-FILLED WITH CLASS 2 AGGREGATE BASE MATERIAL.
4. EXISTING CONCRETE SHALL BE REMOVED AT EXPANSION OR WEAKENED PLANE JOINTS BY SAWCUTTING.
5. SAW CUTS MUST BE FULL DEPTH.
6. NEW WORK SHALL MATCH EXISTING IN SCORE AND COLOR.
7. SUBGRADE SHALL BE THOROUGHLY WETTED IMMEDIATELY PRIOR TO PLACING CONCRETE.
8. SEE PROJECT SPECIFICATIONS FOR CONCRETE TYPE AND FINISHES.
9. CONCRETE SHALL HAVE A SLUMP OF NOT MORE THAN 4 INCHES.
10. NO ADMIXTURES SHALL BE USED WITHOUT THE PERMISSION OF THE CITY ENGINEER.
11. 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.
12. WEAKENED PLANE JOINTS AT LEAST 1-1/2 INCHES DEEP SHALL BE PLACED AT THE CENTER OF DRIVEWAYS AND 20' ON CENTER.
13. 1/4-INCH DEEP SCORE MARKS SHALL BE PLACED AS DESCRIBED IN THE STANDARD SPECIFICATIONS OR AS DIRECTED BY THE CITY ENGINEER.
14. NO CONCRETE SHALL BE PLACED UNTIL THE CITY ENGINEER OR HIS AUTHORIZED REPRESENTATIVE HAS INSPECTED AND APPROVED FORMS AND SUBGRADE.
15. ALL EXPOSED EDGES SHALL BE ROUNDED WITH 1/2-INCH RADIUS TOOL.
16. ALL SURFACES SHALL BE BROOM FINISHED FOR CURB AND GUTTER. REFER TO PROJECT SPECIFICATIONS FOR FLATWORK AND OTHER CONCRETE IMPROVEMENTS FINISHES.
17. CURBS, SIDEWALKS AND DRIVEWAY APPROACHES SHALL BE BACK FILLED WITHIN 7 DAYS AFTER PLACING CONCRETE. THIS SHALL INCLUDE ANY REQUIRED AC PATCHWORK.
18. FORM FACES SHALL NOT VARY FROM THE DIMENSIONS SHOWN BY MORE THAN .02 FEET. FORMS SHALL MEET GRADE.
19. UNLESS OTHERWISE SPECIFIED ON THE APPROVED PLANS, CONCRETE SHALL BE CURED BY MEANS OF THE IMPERVIOUS MEMBRANE METHOD.
20. 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.
21. 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.
22. ALL ASPHALT REPAIRS SHALL BE FLUSH WITH THE ADJACENT SURFACES AT CORNERS AND EDGES. MAXIMUM ALLOWABLE TOLERANCES SHALL BE .01' LONGITUDINALLY AND .02' TRANSVERSELY.
23. 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.

**CONCRETE GENERAL NOTES:**

1. 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.
2. 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.
3. 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.
4. 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.
5. 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.
6. NOTIFY PG&E SEVEN CALENDAR DAYS PRIOR TO PROCEEDING WITH WORK WITHIN 5 FEET OF THEIR FACILITIES.

KELLY AVENUE INTERSECTIONS IMPROVEMENT PROJECT  
**GENERAL NOTES**  
 Half Moon Bay, CA



City of  
Half Moon Bay

501 Main Street  
Half Moon Bay  
CA 94019

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f 650-726-8261  
hmbcity.com

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DATE 11-16-2021

SCALE AS SHOWN

DRAWN JLB/LFH

JOB NO. 276004

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OF 14 SHEETS

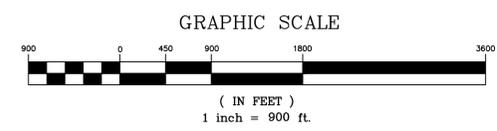


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CITY ENGINEER

DATE

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CITY OF HALF MOON BAY

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KELLY AVENUE INTERSECTIONS IMPROVEMENT PROJECT  
LOCATION MAP  
Half Moon Bay, CA



City of  
Half Moon Bay

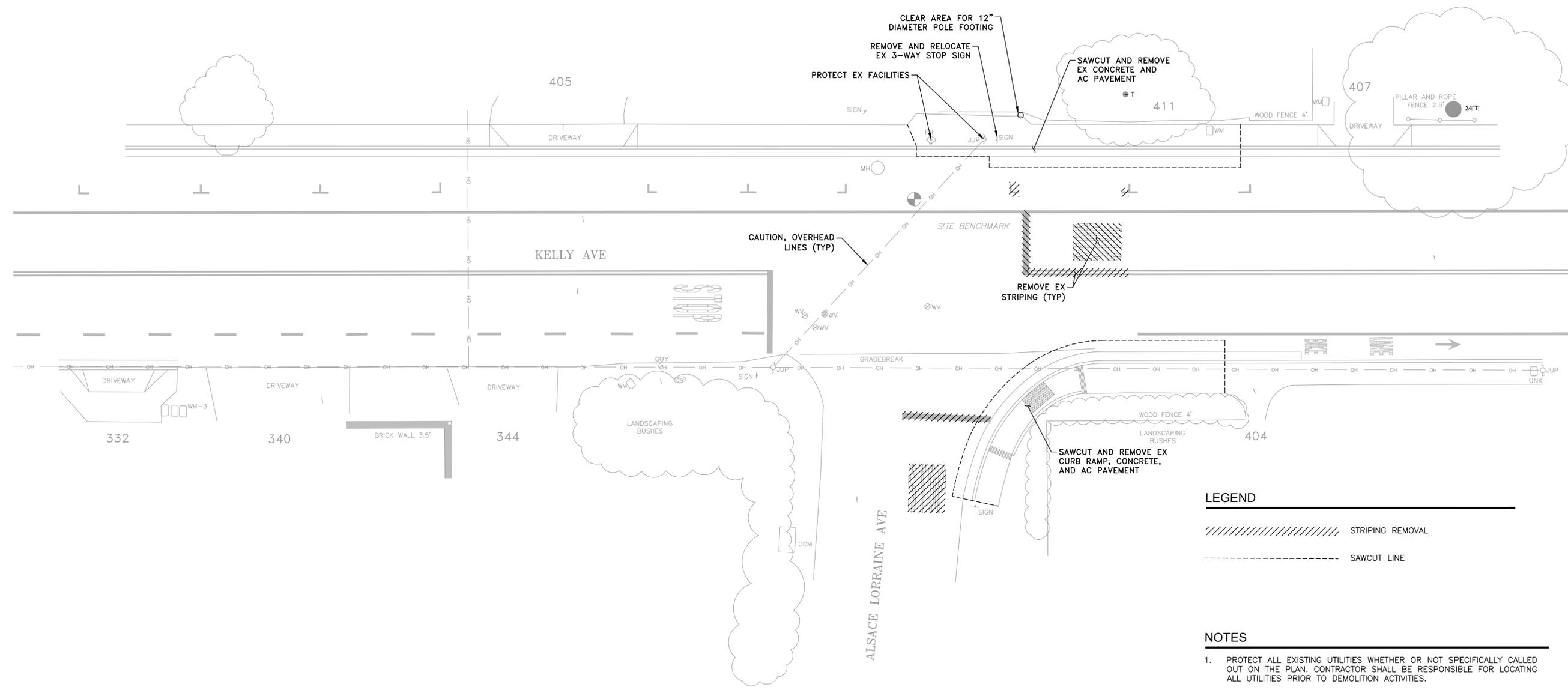
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KELLY AVENUE INTERSECTIONS IMPROVEMENT PROJECT  
**DEMOLITION PLAN**  
 Half Moon Bay, CA

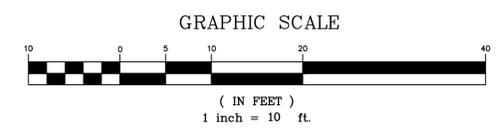


**LEGEND**

- STRIPING REMOVAL
- SAWCUT LINE

**NOTES**

1. PROTECT ALL EXISTING UTILITIES WHETHER OR NOT SPECIFICALLY CALLED OUT ON THE PLAN. CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING ALL UTILITIES PRIOR TO DEMOLITION ACTIVITIES.
2. IMMEDIATELY BRING TO THE ATTENTION OF THE ENGINEER ANY ITEMS WITHIN THE AREA OF WORK THAT ARE IN CONFLICT WITH PROPOSED IMPROVEMENTS.
3. ALL ITEMS NOT SPECIFICALLY CALLED OUT TO BE REMOVED SHALL BE PROTECTED IN PLACE BY THE CONTRACTOR.
4. STRIPING SHALL BE REMOVED BY GRINDING, WATER BLASTING, OR ANY METHOD APPROVED BY THE CITY.



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 CITY OF HALF MOON BAY

**MAZIAR BOZORGINIA**  
 CITY ENGINEER

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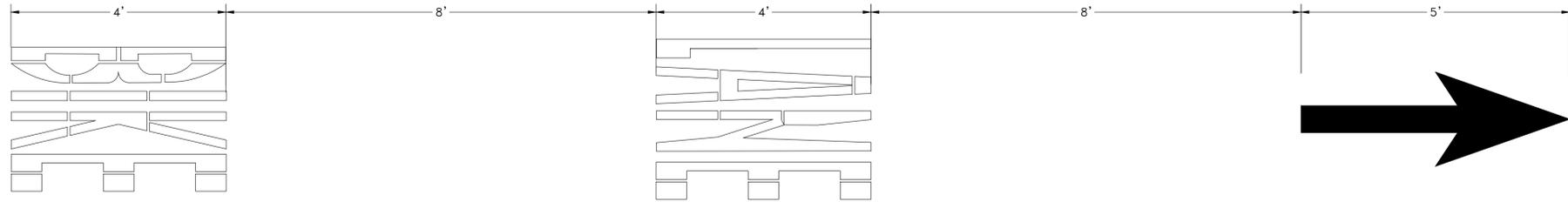








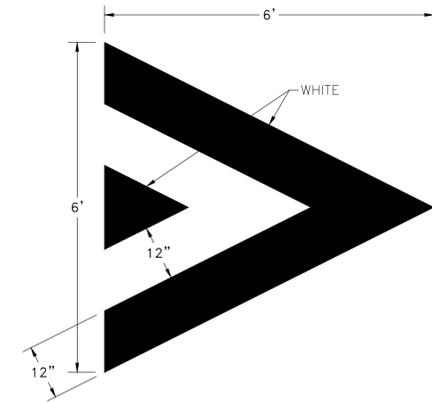




**NOTES:**

1. PAVEMENT MARKING PER THE 2018 CALTRANS STANDARD PLANS, PAGES A24A AND A24D "PAVEMENT MARKINGS SECTION".

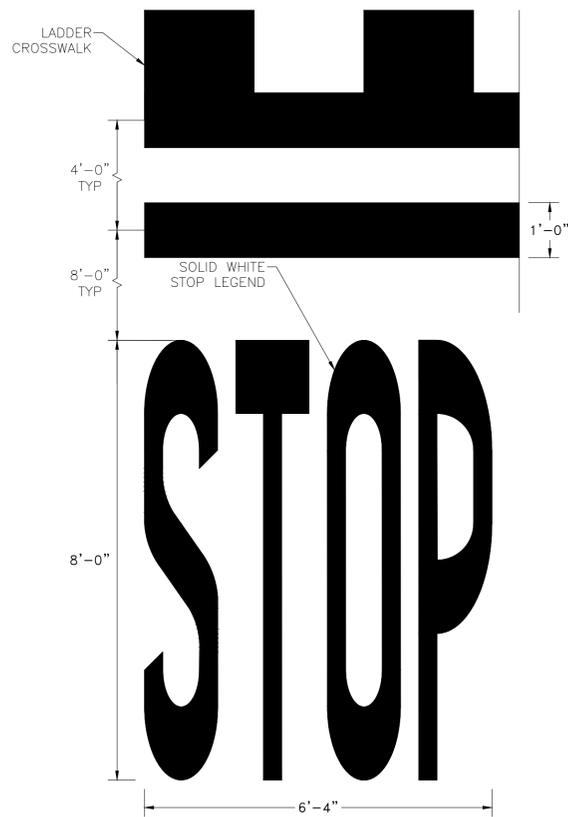
1 BIKE LANE MARKING  
SCALE: NO SCALE



**NOTES:**

1. PAVEMENT MARKING PER THE LATEST EDITION OF THE CA MUTCD, FIGURE 3B-29 (OPTION A) "TYPICAL PAVEMENT MARKINGS FOR SPEED TABLES OR SPEED HUMPS WITH CROSSWALKS".

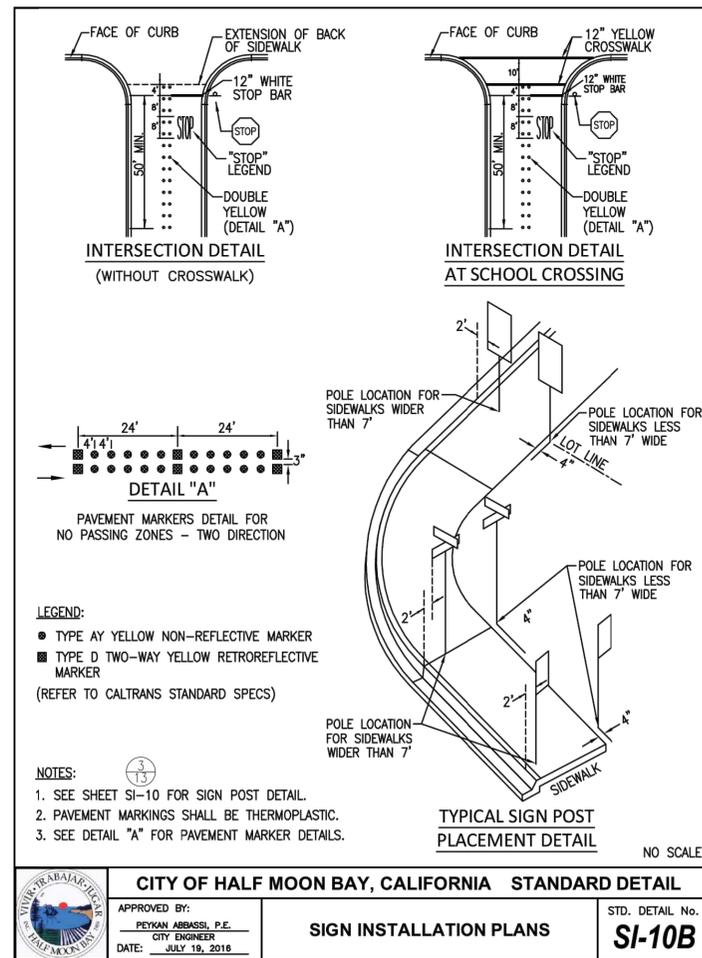
2 SPEED TABLE MARKINGS  
SCALE: NO SCALE



**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.

3 STOP BAR AND LEGEND MARKING  
SCALE: NO SCALE



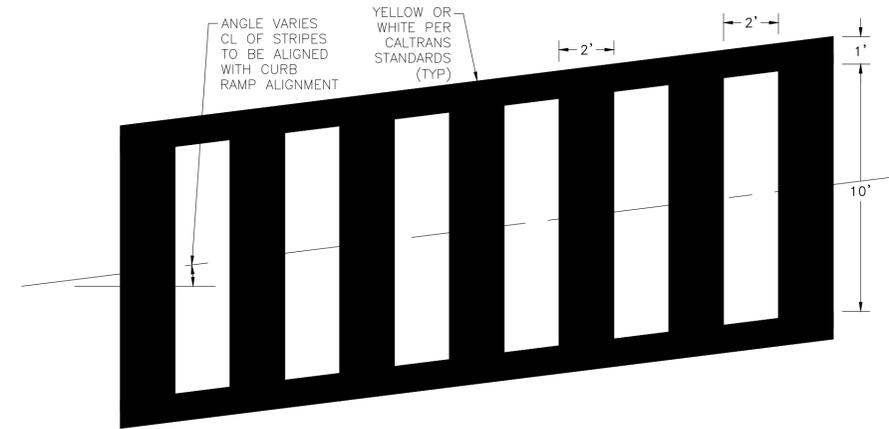
**CITY OF HALF MOON BAY, CALIFORNIA STANDARD DETAIL**

APPROVED BY: PEYKAN ABBASSI, P.E. CITY ENGINEER DATE: JULY 19, 2018

**SIGN INSTALLATION PLANS**

STD. DETAIL No. **SI-10B**

4 SIGN INSTALLATION PLANS  
SCALE: NO SCALE



5 LADDER CROSSWALK  
SCALE: NO SCALE

KELLY AVENUE INTERSECTIONS IMPROVEMENT PROJECT  
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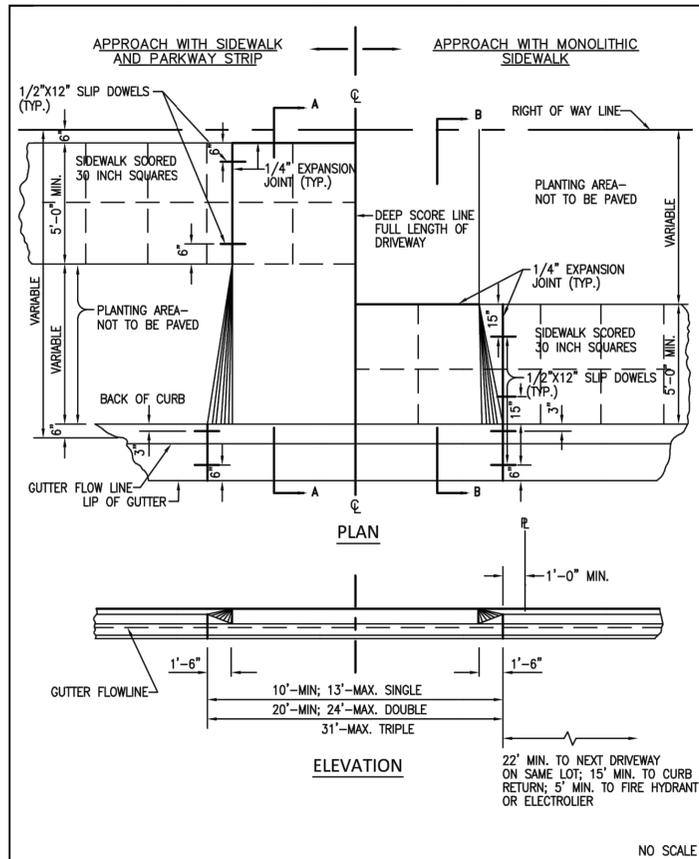
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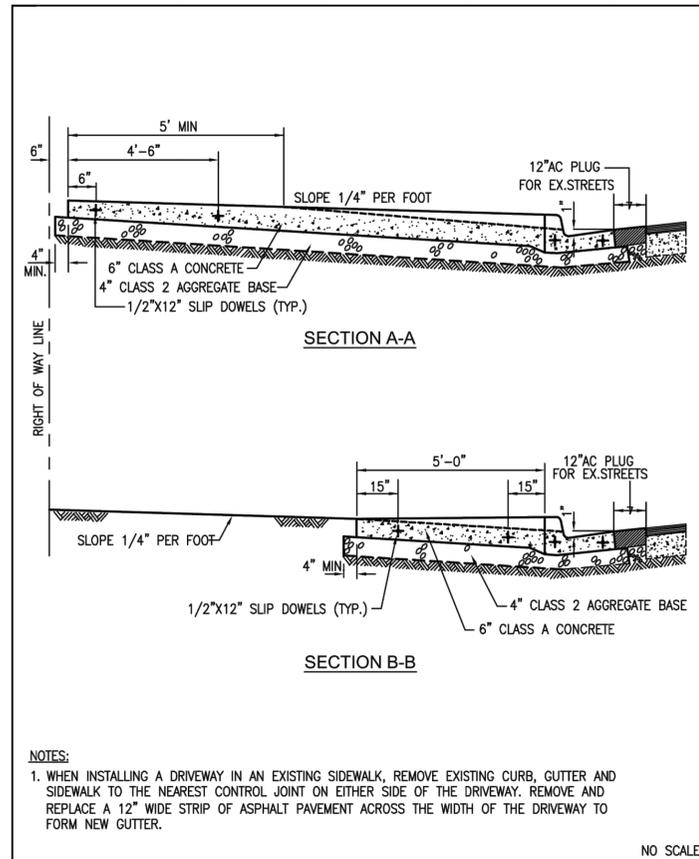
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CITY OF HALF MOON BAY, CALIFORNIA STANDARD DETAIL		
APPROVED BY: PETKAN ARBASIS, P.E. CITY ENGINEER DATE: JULY 19, 2018	RESIDENTIAL DRIVEWAY APPROACH WITH CURB	STD. DETAIL No. <b>SI-5</b>



CITY OF HALF MOON BAY, CALIFORNIA STANDARD DETAIL		
APPROVED BY: PETKAN ARBASIS, P.E. CITY ENGINEER DATE: JULY 19, 2018	RESIDENTIAL DRIVEWAY APPROACH WITH CURB	STD. DETAIL No. <b>SI-5A</b>

1 RESIDENTIAL DRIVEWAY APPROACH  
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KELLY AVENUE INTERSECTIONS IMPROVEMENT PROJECT  
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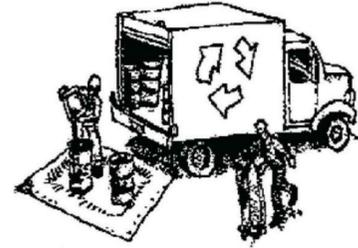
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# Construction Best Management Practices (BMPs)

Construction projects are required to implement the stormwater best management practices (BMP) on this page, as they apply to your project, all year long.

## Materials & Waste Management



### Non-Hazardous Materials

- Berm and cover stockpiles of sand, dirt or other construction material with tarps when rain is forecast or if not actively being used within 14 days.
- Use (but don't overuse) reclaimed water for dust control.

### 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 be careful not to 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 waste disposal containers securely with tarps at the end of every work day and during wet weather.
- Check waste disposal containers frequently for leaks and to make sure they are not overfilled. Never hose down a dumpster on the construction site.
- Clean or replace portable toilets, and inspect them frequently for leaks and spills.
- Dispose of all wastes and debris properly. Recycle materials and wastes that can be recycled (such as asphalt, concrete, aggregate base materials, wood, gyp board, pipe, etc.)
- Dispose of liquid residues from paints, thinners, solvents, glues, and cleaning fluids as hazardous waste.

### 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



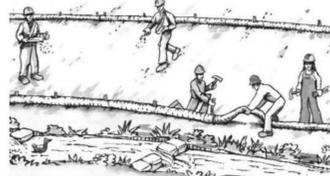
### Maintenance and Parking

- Designate an area, fitted with appropriate BMPs, for vehicle 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.

### Spill Prevention and Control

- Keep spill cleanup materials (e.g., rags, absorbents and cat litter) available at the construction site at all times.
- Inspect vehicles and equipment frequently for and repair leaks promptly. Use drip pans to catch leaks until repairs are made.
- Clean up spills or leaks immediately and dispose of cleanup materials properly.
- Do not hose down surfaces where fluids have spilled. Use dry cleanup methods (absorbent materials, cat litter, and/or rags).
- Sweep up spilled dry materials immediately. Do not try 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 immediately. You are required by law to report all significant releases of hazardous materials, including oil. To report a spill: 1) Dial 911 or your local emergency response number, 2) Call the Governor's Office of Emergency Services Warning Center, (800) 852-7550 (24 hours).

## Earthmoving



- 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, and seed or plant vegetation for erosion control on slopes or where construction is not immediately planned.
- Prevent sediment from migrating offsite and protect storm drain inlets, gutters, ditches, and drainage courses by installing and maintaining appropriate BMPs, such as fiber rolls, silt fences, sediment basins, gravel bags, berms, 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.

## Paving/Asphalt Work



- 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, tack coat, slurry seal, fog seal, etc.
- Collect and recycle or appropriately dispose of excess abrasive gravel or sand. Do NOT sweep or wash it into gutters.
- Do not use water to wash down fresh asphalt concrete pavement.

### Sawcutting & Asphalt/Concrete Removal

- Protect nearby storm drain inlets when saw cutting. Use filter fabric, catch basin inlet filters, or gravel bags to keep slurry out of the storm drain system.
- Shovel, absorb, or vacuum saw-cut slurry and dispose of all waste as soon as you are finished in one location or at the end of each work day (whichever is sooner!).
- If sawcut slurry enters a catch basin, clean it up immediately.

## Concrete, Grout & Mortar Application



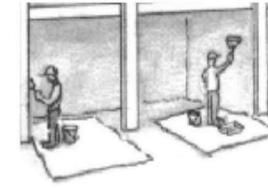
- Store concrete, grout, and mortar away from storm drains or waterways, and on pallets under cover to protect them from rain, runoff, and wind.
- Wash out concrete equipment/trucks offsite or in a designated washout area, where the water will flow into a temporary waste pit, and in a manner that will prevent leaching into the underlying soil or onto surrounding areas. Let concrete harden and dispose of as garbage.
- When washing exposed aggregate, prevent washwater from entering storm drains. Block any inlets and vacuum gutters, hose washwater onto dirt areas, or drain onto a bermed surface to be pumped and disposed of properly.

## 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.

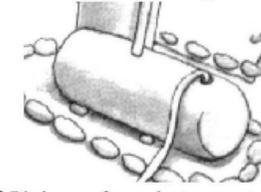
## Painting & Paint Removal



### 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.
- Paint chips and dust from non-hazardous dry stripping and sand blasting may be swept up or collected in plastic drop cloths and disposed 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.

## 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.

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

KELLY AVENUE INTERSECTIONS IMPROVEMENT PROJECT  
 BEST MANAGEMENT PRACTICES  
 Half Moon Bay, CA



City of  
Half Moon Bay

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Half Moon Bay  
CA 94019

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REVISIONS	BY

DATE 11-16-2021

SCALE AS SHOWN

DRAWN JLB/LFH

JOB NO. 276004

DWG

SHEET 15

OF 14 SHEETS



APPROVED BY:  
CITY OF HALF MOON BAY

MAZIAR BOZORGINIA  
CITY ENGINEER

DATE