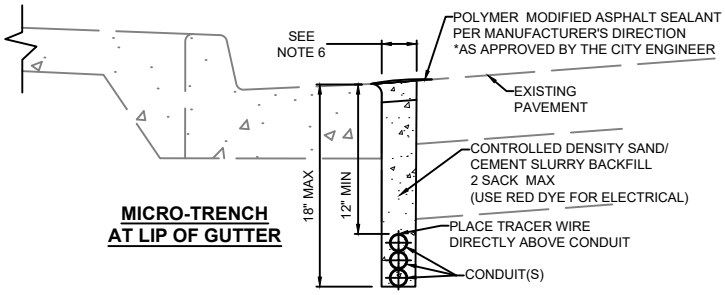
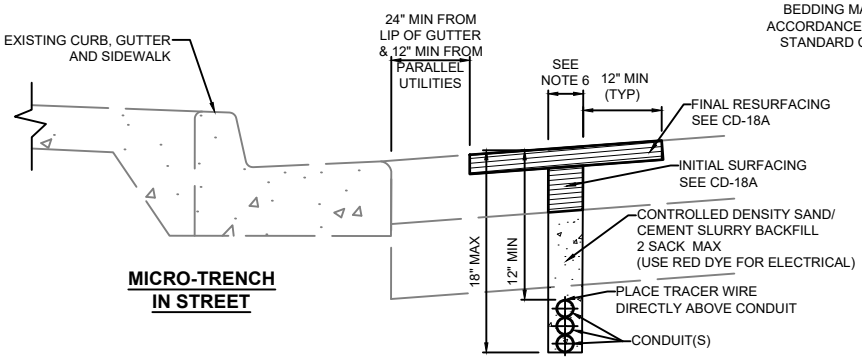
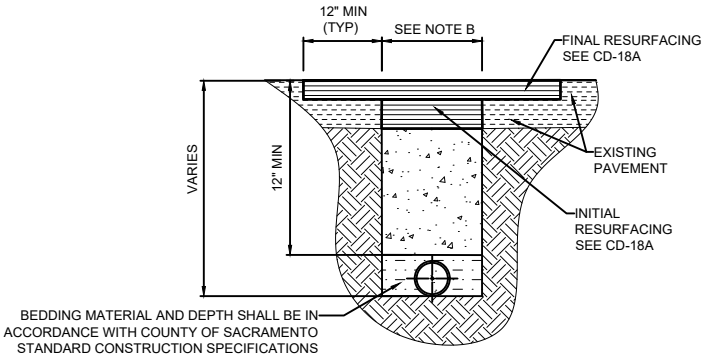
# CITY OF CITRUS HEIGHTS
# GENERAL SERVICES DEPARTMENT




**MICRO-TRENCH AT LIP OF GUTTER**




**MICRO-TRENCH IN STREET**




**POTHOLE RESTORATION**

## POTHOLE RESTORATION NOTES:

A. REFER TO CD-18A FOR PAVEMENT CUT MORATORIUMS AND SURFACE RESTORATION REQUIREMENTS.

B. ALTERNATIVE POTHOLE RESTORATION:
FOR CORE-DRILLED POTHOLES WITH DIAMETERS LESS THAN 12", WITH THE CITY ENGINEER OR HIS/HER DESIGNEE'S WRITTEN APPROVAL, CONTRACTOR MAY BE PERMITTED TO RESTORE THESE POTHOLES AS FOLLOWS: AN INITIAL BACKFILL OF 12" OF SAND ABOVE THE EXPOSED UTILITY, PLACEMENT A OF 2-SACK SAND SLURRY TO WITHIN 8" OF THE FINISHED SURFACE AND FINAL SURFACE RESTORATION WITH 8" OF 5-SACK PCC WITH LAMPBLACK TO MATCH EXISTING SURFACE COLOR.

## MICRO-TRENCH RESTORATION NOTES:

1. FOR TRENCHES GREATER THAN 4", CONTRACTOR SHALL USE CITY STANDARD DETAIL CD-18A.
2. REFER TO CD-18A FOR PAVEMENT CUT MORATORIUMS, INITIAL SURFACING AND FINAL RESURFACE RESTORATION REQUIREMENTS.
3. MICRO-TRENCHES SHALL BE CONSTRUCTED WITH CONTINUOUS UNIFORM STRAIGHT AND NEAT EDGES WITHOUT CHIPPING OR BREAKING THE ADJACENT PAVEMENT OR CONCRETE. THE TRENCH ZONE AREA WILL NOT REQUIRE SAW-CUTTING WHEN USING A ROCK WHEEL FOR EXCAVATION. T-CUT WITHIN ASPHALT AREA SHALL BE COLD-MILLED OR SAW-CUT.
4. MICRO-TRENCHES SHOULD BE PLACED ON BOTH SIDES OF THE ROADWAY TO MINIMIZE TRANSVERSE TRENCHES AND USE 90 DEGREE TURNS, WHEREVER POSSIBLE.
5. MICRO-TRENCHES WILL NOT BE ALLOWED THROUGH EXISTING CURBS, GUTTERS, SIDEWALKS, DRIVEWAYS, CROSS GUTTERS, BUS PADS, COLORED CROSSWALKS, OR MEDIAN ELEMENTS WITHOUT FULL REPLACEMENT PER SACRAMENTO COUNTY STANDARDS (NEAREST JOINT TO NEAREST JOINT) **AND** WRITTEN APPROVAL BY THE CITY ENGINEER.
6. MINIMUM WIDTH OF TRENCH OR BORE HOLE SHALL BE 1½" MINIMUM OR 2x THE WIDTH OF THE LARGEST CONDUIT WITHIN TRENCH, WHICHEVER IS GREATER. MAXIMUM WIDTH OF ASPHALT SEALANT ALLOWED IS 1 ½", WIDER TRENCHES MUST RECEIVE HOT MIX ASPHALT.
7. TRACER WIRE SHALL BE COATED COPPER WIRE OF #12 GAGE (OR LARGER) AND SHALL BE INSTALLED DIRECTLY ABOVE THE CONDUITS AND CONNECTED TO GROUNDING RODS PER NATIONAL ELECTRICAL SAFETY CODE (NESC) GUIDELINES.
8. ALL MICRO-TRENCHES SHALL BE COMPLETELY BACKFILLED WITH 2- SACK SLURRY TO FINISHED GRADE AT THE END OF EACH WORK DAY.
9. ANCHORS/SPACERS SHALL BE USED TO ENSURE THE CONDUIT IS KEPT AT THE BOTTOM OF THE TRENCH. ANCHORS/SPACERS SHALL BE PLACED A MAXIMUM 10 FEET APART.
10. BEFORE PLACEMENT OF ASPHALT THE SLURRY MUST BE FULLY CURED. SLURRY AND EXISTING ASPHALT SHALL BE GROUND DOWN TO MINIMUM PAVEMENT DEPTH AS SPECIFIED IN CD-18A FOR EACH ROADWAY TYPE. ALL EXPOSED SURFACES SHALL RECEIVE A TACK COAT IN ACCORDANCE WITH SACRAMENTO COUNTY SPECIFICATIONS PRIOR TO PLACEMENT OF NEW ASPHALT.
11. ALL DAMAGED OR REMOVED STRIPING, PAVEMENT LEGENDS, PAVEMENT MARKERS AND TRAFFIC SIGNAL LOOPS SHALL BE REPLACED IN-KIND.
12. CONTRACTOR SHALL CONTACT UNDERGROUND SERVICE ALERT (U.S.A) AT LEAST 48-HOURS PRIOR TO START OF WORK AT 8-1-1. THE CONTRACTOR SHALL FURTHER SUPPLEMENT THE FINDINGS WITH POTHOLING FOR ALL CROSSING UTILITIES AND PARALLEL UTILITIES WITHIN 24" OF THE PROPOSED ALIGNMENT TO A DEPTH NOT LESS THAN 12" BELOW THE BOTTOM OF THE MICRO-TRENCH. REFER TO POTHOLE RESTORATION REQUIREMENTS ON THIS PAGE. CONTRACTOR SHALL NOTIFY THE INSPECTOR AND UTILITY OWNER OF ANY DAMAGES. ALL DAMAGES SHALL BE REPAIRED PER THE UTILITY OWNERS REQUIREMENTS AT THE EXPENSE OF THE CONTRACTOR.
13. PRIOR TO APPROVAL, THE FOLLOWING ITEMS SHALL BE SUBMITTED BY THE CONTRACTOR TO THE CITY FOR APPROVAL:
    - 13.1. TO SCALE DRAWING (PLAN VIEW) OF PROPOSED INSTALLATION LOCATIONS INCLUDING, BUT NOT LIMITED TO: ALIGNMENT OF ALL PROPOSED TRENCHES, OFFSETS FROM EXISTING CURBS, LOCATIONS OF BOXES/SERVICE PEDESTALS, PLANNED POTHOLING LOCATIONS, AND ANY PROPOSED VARIATIONS TO STANDARDS SHOWN ON THIS DRAWING.
    - 13.2. DETAIL SHOWING CONDUIT FROM MAIN MICRO-TRENCH ALIGNMENT TO LATERAL SURFACE CONNECTIONS (INCLUDING TO ANY UTILITY JUNCTION/PULL BOX).
    - 13.3. SPECIFIC INFORMATION ON DEPTH, SIZE, AND METHOD OF EXCAVATION ACROSS CURBS, GUTTERS AND SIDEWALKS.
    - 13.4. CONTRACTOR MEANS AND METHODS WORK PLAN THAT DESCRIBES PROPOSED EQUIPMENT, CUTTING WHEELS, DUST/DEBRIS CONTROL AND RESTORATION PROCEDURES.
    - 13.5. PRODUCT SHEETS FOR POLYMER MODIFIED ASPHALT SEALANT, SAND SLURRY BACKFILL, ASPHALT TO BE USED AS RESTORATION, AND ANY REQUIRED THERMOPLASTIC PAVEMENT STRIPES/MARKINGS.

APPROVED BY:

LESLIE BLOMQUIST, CITY ENGINEER

# MICRO-TRENCH & POTHOLE RESTORATION DETAILS

APPROVAL DATE: 12/11/2025

SCALE: NONE

DRAWN BY: D. KEHRER

CD - 18B

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