

FINISH OVERLAY TO BE PLACED NO LATER THAN 15 DAYS AFTER BASE PAVING. APPLY TACK AND LEVELING COURSE TO BRING WITHIN 0.10 FEET OF EXISTING GRADE. SURFACE COURSE SHALL BE AS SPECIFIED IN CITY OF MORENO VALLEY STANDARD PLAN No. MVS1-132E-2 / MVS1-132F-2 (SEE NOTE 1)

BASE COURSE SHALL BE AS SPECIFIED IN CITY OF MORENO VALLEY STANDARD PLAN No. MVS1-132E-2 / MVS1-132F-2 (SEE NOTE 1)

BACKFILL MATERIAL OR CONTROL DENSITY FILL PER EMWD SPECIFICATIONS AND EMWD RESOLUTION NO.3224 (TRENCH WARRANTY BY EMWD). PLACE PRIOR TO THE END OF EACH WORK DAY UNLESS OTHERWISE APPROVED BY THE ENGINEER

COLD MILL EXISTING PAVEMENT 1.5 INCHES DEEP
FOR PARALLEL TRENCH: FULL LANE WIDTH (TO NEAREST STRIPING) (SEE NOTE 3)
FOR PERPENDICULAR TRENCH: MIN WIDTH = 8 FEET, OR W + 4 FEET, WHICHEVER IS GREATER

MATCH EXIST PAVEMENT + 1 INCH
4 INCHES MINIMUM

SAWCUT EXISTING PAVEMENT AND APPLY HEAVY ASPHALTIC TACK COAT ON SAWCUT SURFACE (TYP)

SEE DETAIL "A"

EXISTING PAVEMENT

12 INCHES MIN (TYP) (NOTE 5)

3 FEET

MATCH EXIST AGGREGATE BASE
4" MIN IF EXIST IS 0" TO 4"

3/8 INCH LIP

DETAIL "A"
(PARALLEL TRENCH)

12 INCHES

OD

4 INCHES MIN

W
SEE TABLE

TRENCH WIDTH

DIA (IN.)	MIN (IN.)	MAX (IN.)
≤ 12	W = OD + 12	W = OD + 18
>12	W = OD + 24	W = OD + 36

- I **STRUCTURAL ZONE:**
BACKFILL COMPACTED TO 95% RELATIVE COMPACTION. MAXIMUM LIFT THICKNESS 6 INCHES
- II **INTERMEDIATE ZONE:**
BACKFILL COMPACTED TO 90% RELATIVE COMPACTION. MAXIMUM LIFT THICKNESS WHEN PONDING AND JETTING IS 2 FEET.
- III **PIPE AND UTILITY ZONE:**
PIPE BACKFILL PER EMWD SPECIFICATION; UTILITY BACKFILL PER UTILITY COMPANY OR MANUFACTURER'S SPECIFICATIONS
- IV **HIGH GROUND WATER CONDITION ONLY:**
OVEREXCAVATE MIN 2 FEET AND INSTALL 2- TO 3-INCH ROCK COMPACTED TO 95% R.C. WRAP WITH MIRAFI 180N GEOTEXTILE FABRIC WITH 12 INCHES MIN OVERLAP AT TOP PER SPECIFICATIONS

NOTES:

- 1) SEE CITY OF MORENO VALLEY STANDARD PLAN No. MVS1-132C-3, SECTION B, FOR ADDITIONAL ROADWAY REPAIR REQUIREMENTS
- 2) ALL TEMPORARY PAVING SHALL HAVE A MINIMUM OF 2 INCHES OF AC ON LOCAL STREETS AND 3 INCHES ON ALL OTHERS
- 3) LANE WIDTH REQUIREMENT MAY BE REDUCED OR INCREASED AT DISCRETION OF CITY ENGINEER. ANY SUCH REDUCTION OR INCREASE SHALL BE SPECIFIED BY THE CITY WITHIN THE PROVISIONS OF THE PROJECT-SPECIFIC ENCROACHMENT PERMIT.
- 4) WHEN A FIRM FOUNDATION IS NOT ENCOUNTERED, DUE TO SOFT, SPONGY, OR OTHER UNSUITABLE MATERIAL, SUCH MATERIAL SHALL BE REMOVED TO THE LIMITS DIRECTED BY THE ENGINEER, AND THE RESULTING EXCAVATION BACKFILLED WITH PIPE BEDDING MATERIAL COMPACTED TO 90% RELATIVE COMPACTION
- 5) REMOVAL/REPLACEMENT OF AGGREGATE BASE NOT REQUIRED.
- 6) THIS DRAWING SHALL SUPERSEDE CITY OF MORENO VALLEY STANDARD PLAN Nos. MVS1-132E-2 AND MVS1-132F-2 FOR DISTRICT CAPITAL PROJECTS ONLY. REFER TO COOPERATION AGREEMENT DATED OCTOBER 5, 2020 FOR DISTRICT MAINTENANCE REPAIR STANDARDS.
- 7) ANY DAMAGE TO THE ADJACENT PAVEMENT CAUSED BY THE CONTRACTOR'S EQUIPMENT, CONSTRUCTION ACTIVITIES OR STAGING WILL ALSO REQUIRE A COLD MILL AND OVERLAY TO THE NEAREST STRIPING.

CITY OF MORENO VALLEY APPROVALS

RECOMMENDED:

Harold Zamora 6/12/23
ENGINEERING DIVISION MANAGER / ASSISTANT CITY ENGINEER DATE

APPROVED:

Melissa Walker 6/7/23
PUBLIC WORKS DIRECTOR / CITY ENGINEER DATE

REVISIONS

NO.	DATE	INITIAL	DESCRIPTION	APP'D	DATE

APPROVALS

	INITIAL	DATE
DESIGN	<i>[Signature]</i>	08/08/23
CONSTRUCTION	<i>[Signature]</i>	08/09/23
INSPECTION	BAM	08/08/23
OPERATIONS	<i>[Signature]</i>	8-9-23
SUBMITTED	CRC	08/08/23



EASTERN MUNICIPAL WATER DISTRICT STANDARD DRAWING

TRENCH BACKFILL AND ROADWAY REPAIR CITY OF MORENO VALLEY

REFERENCES: FILE I.D.: \kauai\eng\std dwgs\B-1073.dwg

SCALE: NONE
DRAWN BY: OH

RECOMMENDED

[Signature] 8/14/2023
DIRECTOR OF ENGINEERING DATE

APPROVED

[Signature] 08/23/2023
ASSISTANT GENERAL MANAGER DATE

B-1073