



1 RAIL REPLACEMENT TRENCH DETAIL
 TR-1 SCALE: N.T.S.

- | NO. | NOTES |
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| 1. | TRENCH SECTION SHALL ADHERE TO CITY OF STOCKTON STANDARD DETAILS R-36 AND R-37. |
| 2. | MINIMUM RAIL LENGTH SHALL NOT BE LESS THAN 15' PER UNION PACIFIC GENERAL SPECIFICATION 34 11 10-2 2.01B. CONTRACTOR TO MATCH EX. TOP OF RAIL ELEVATIONS. |
| 3. | USE OF THERMITE AND ELECTRIC FLASH-BUTT RAIL WELDS ARE ACCEPTABLE. ALL WELDS TO BE VISUALLY AND ULTRASONICALLY INSPECTED PER UNION PACIFIC SPECIFICATION 34 11 10-4 B.10.b. |
| 4. | NEW TREATED WOOD RAILROAD TIES TO BE 7" X 9" CROSS SECTIONAL AREA. SPACE EVENLY AND MATCH EXISTING. RAIL WELDS MAY NOT BE SITUATED ABOVE WOOD TIES. REFER TO UNION PACIFIC STANDARD DRAWING 0231 FOR TIE PLATES AND SPIKES. |
| 5. | BALLAST MATERIAL SHALL ADHERE TO UNION PACIFIC RAILROAD STANDARD DRAWING 0010A. PER UNION PACIFIC SPECIFICATION 34 11 10-7 3.04.A. THE TRACK SHALL BE LAID AND CONNECTED BEFORE BALLAST IS SPREAD AND TRACK RAISED. NO SINGLE LIFT OF COMPACTED BALLAST SHALL BE GREATER THAN 4 INCHES. BALLAST TO BE MECHANICALLY TAMPED AND NOT MIXED WITH SUBBALLAST. |
| 6. | SUBBALLAST MATERIAL SHALL ADHERE TO UNION PACIFIC SPECIFICATION SECTION 34 11 27-1 2.01. COMPACT IN TWO 6-INCH LIFTS TO A MINIMUM 95 PERCENT MODIFIED PROCTOR DENSITY (ASTM D1557). |
| 7. | INSTALL NEW SURFACE TO TOP OF RAIL AS REQUIRED BY PROJECT PLANS. MATCH EXISTING SURFACE MATERIAL AND DEPTH. |

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PORT OF STOCKTON

RAIL REPLACEMENT TRENCH DETAIL

STOCKTON, CALIFORNIA
 MARCH, 2023

REV. NO.	DESCRIPTION	DATE	SCALE: AS SHOWN	BENCH MARK: _____ EL: _____	SHEET
			DRAWN BY: CH	DESCRIPTION:	TR-1
			DESIGNED BY: CH		1 OF 1 SHEETS
			CHECKED BY: KM		JOB NO.
			AS BUILT BY:		-