



SECTION
N.T.S.

CITY OF MISSION VIEJO

TRENCH T-CAP

STANDARD
PLAN NO.

343



Rich D...

02/01/22

APPROVED BY: CITY ENGINEER RCE 51160

DATE

SHT 1 OF 2

- ① TRENCH CENTERLINE.
- ② EXISTING A.C. PAVEMENT.
- ③ EXISTING BASE MATERIAL.
- ④ UNDISTURBED SOIL.
- ⑤ CONDUIT, PIPE, ETC.
- ⑥ MORTAR SAND BEDDING/SHADING COMPACTED TO 95% RELATIVE DENSITY.
- ⑦ TWO SACK CEMENT SLURRY BACKFILL. ALLOW A MINIMUM 24 HOURS CURE BEFORE ASPHALT PAVING. ALTERNATIVELY, NATIVE BACKFILL MAY BE USED IF COMPACTED TO 95% RELATIVE DENSITY AND APPROVED BY THE CITY ENGINEER.
- ⑧ UNTREATED BASE MATERIALS SHALL BE CRUSHED AGGREGATE BASE PER SECTION 200-2.2.1 OF THE "GREENBOOK."
- ⑨ GRADE SS-1h EMULSIFIED ASPHALT APPLIED AT 0.05 GALLON PER SQUARE YARD.
- ⑩ ASPHALT PAVING BASE COURSE SHALL BE B2 PG-64-10.
- ⑪ ASPHALT PAVING SURFACE SHALL BE C3 PG-64-10.
- ⑫ EXISTING ASPHALT PAVEMENT FINISHED GRADE. SMOOTHNESS AND COMPACTION OF RESURFACING SHALL MEET THE REQUIREMENTS OF SEC. 302-5.6.2 OF THE "GREENBOOK" EXCEPT THAT THE SMOOTHNESS SHALL BE DETERMINED OVER THE LENGTH AND WIDTH OF THE PAVEMENT AREAS DISTURBED BY THE CONTRACTOR'S/PERMITTEE'S OPERATION.
- ⑬ APPLY GRADE SS-1h EMULSIFIED ASPHALT APPLIED AT 0.05 GALLON PER SQUARE YARD 6 INCHES WIDE CENTERED ON THE EDGE OF THE GRIND LINE AFTER SURFACE COURSE PAVEMENT.

ADDITIONAL NOTES:

- Ⓐ FINAL SURFACE COURSE PAVEMENT TO MATCH EXISTING PAVEMENT (E.G. SLURRY SEAL, RUBBERIZED ASPHALT, ETC.).
- Ⓑ WHEN THE EDGE OF THE EXCAVATION IS WITHIN 42 INCHES OF THE EDGE OF PAVEMENT OR ANY PAVING JOIN LINE, REMOVE ALL PAVEMENT BETWEEN THE EXCAVATION AND THE GUTTER OR STRUCTURE AND PAVE CONTINUOUS WITH THE BASE COURSE TRENCH PAVING.
- Ⓒ WHEN THE EDGE OF THE GRIND LINE IS WITHIN 42 INCHES OF THE EDGE OF PAVEMENT, ANY STRUCTURE, ADJACENT TRENCH PATCH OR ANY OTHER PAVING JOIN LINE, THE 2 INCH DEEP GRIND SHALL BE EXTENDED TO THE EXISTING STRUCTURE OR JOIN LINE.
- Ⓓ RADIUS AND IRREGULAR TRENCHES SHALL BE APPROVED BY THE CITY ENGINEER PRIOR TO EXCAVATION. SURFACE RESTORATION SHALL BE SQUARED OFF AND MADE UNIFORM AS DETERMINED BY THE CITY ENGINEER.
- Ⓔ TRENCHES ON ARTERIAL STREETS SHALL INCLUDE FULL LANE RESTORATION.
- Ⓕ UTILITIES SHALL BE AT A MINIMUM DEPTH OF 24" FROM THE ROADWAY FINISHED SURFACE UNLESS WAIVED BY THE CITY ENGINEER.

CITY OF MISSION VIEJO

TRENCH BACKFILL & ASPHALT CONCRETE RESURFACING

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