



CONSTRUCTION NOTES:

1. SURFACE AC SHALL BE 2.5" (1/2" HMA TYPE 'F') AT 92-97% COMPACTION ON ARTERIAL / COLLECTOR STREETS AND 2" (1/2" TYPE 'H') AT 92-97% COMPACTION ON RESIDENTIAL STREETS.
2. A.C. PAVEMENT SHALL BE 15.5" MINIMUM FOR ARTERIAL/COLLECTOR STREET AND 11" MINIMUM FOR RESIDENTIAL STREETS.
3. BACKFILL REQUIREMENTS:
 - STANDARD TRENCH: CONTROL DENSITY FILL (CDF) OR CLASS III A.B. AT 95% RELATIVE COMPACTION.
 - NARROW TRENCH: SPECIAL CONCRETE BACKFILL. REFER TO SPECIFICATIONS BELOW.
4. ENGINEERED PAVING MAT SHALL BE PLACED BETWEEN EX. A.C. AND A.C. SURFACE CAP. PAVING MAT SHALL BE INTERLAYER (OR APPROVED EQUAL).
5. WIDTH OF FINAL A.C. WEARING CAP SHALL BE FROM LANE LINE TO LANE LINE OR EDGE OF PAVEMENT TO LANE LINE. TYPICAL WIDTHS OF VEHICULAR TRAVEL LANES ARE 12- FEET AND MINIMUM WIDTHS FOR BICYCLE LANES ARE 4' OR AS DIRECTED BY PROJECT INSPECTOR.
6. SURFACE CAP SHALL BE PLACED THE SAME DAY AS PAVEMENT GRINDING.

SPECIFICATIONS

1. THE BACKFILL MATERIAL FOR NARROW TRENCHES SHALL CONSIST OF A PORTLAND CEMENT CONCRETE (PCC) MIX CONFORMING TO THE CITY OF SAN JOSE (CSJ) STANDARD SPECIFICATIONS. SECTION 90. THE PROPOSED MIX SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL FIVE (5) WORKING DAYS BEFORE USE WITHIN THE PUBLIC RIGHT OF WAY. PORTLAND CEMENT SHALL BE TYPE II MODIFIED, AND THE CONTENT SHALL NOT BE LESS THAN 376 LBS/CY. THE PROPOSED MIX DESIGN SHALL ACHIEVE, WITHIN TWO (2) HOURS, A MINIMUM PENETRATION STRENGTH OF 200 PSI WHEN TESTED IN ACCORDANCE WITH ASTM C403. DURING CONSTRUCTION, FOR FIELD QUALITY CONTROL. THE PCC MIX SHALL REACH A MINIMUM PENETRATION STRENGTH OF 400 PSI AS DETERMINED BY A POCKET PENETROMETER. THE PROPOSED MIX DESIGN SHALL BE ABLE TO SUPPORT MOTORCYCLE AND/OR BICYCLE TRAFFIC WITHIN TWO HOURS. THE MIX SHALL ALSO ACHIEVE 2,000 PSI COMPRESSIVE STRENGTH WITHIN TWENTY-EIGHT (28) DAYS WHEN TESTED IN ACCORDANCE WITH ASTM C39. AT THE DISCRETION OF THE ENGINEER/INSPECTOR, THE CONTRACTOR SHALL PROVIDE A CERTIFIED THIRD PARTY LABORATORY TO PERFORM PENETRATION RESISTANCE TEST IN ACCORDANCE WITH ASTM C403.
2. TRENCHES EXCAVATED PARALLEL TO LENGTH OF ROADWAY, POTHOLES, AND PITS - SURFACE HMA AND ENGINEERED PAVING MAT INTERLAYER WILL BE INSTALLED FROM LANE LINE TO LANE LINE OR EDGE OF PAVEMENT TO LANE LINE. TRENCHES EXCAVATED PERPENDICULAR TO LENGTH OF ROADWAY - SURFACE HMA AND ENGINEERED PAVING MAT INTERLAYER WILL BE INSTALLED AT A 12-FOOT WIDE T-CAP. ON ROADWAYS WHERE LANE LINES ARE NOT DEFINED, THE ENGINEERED PAVING MAT INTERLAYER AND A.C. WEARING SURFACE CAP WILL BE A MINIMUM 12- FEET.
3. PAVING MAT SHALL MEET THE REQUIREMENTS SET FORTH IN SECTION 88-1.02K "PAVING MAT" CSJ SUPERPAVE ASPHALT CONCRETE SECTION 39-2.01B(9) GEOSYNTHETIC PAVEMENT INTERLAYER
4. SPREADING AND COMPACTING EQUIPMENT PER CSJ SUPERPAVE ASPHALT CONCRETE SECTION 39-2.01C - PAVING EQUIPMENT MUST BE (1) SELF-PROPELLED, (2) MECHANICAL, (3) EQUIPPED WITH A SCREED OR STRIKE-OFF ASSEMBLY THAT CAN DISTRIBUTE HMA THE FULL WIDTH OF A TRAFFIC LANE, (4) EQUIPPED WITH A FULL-WIDTH COMPACTING DEVICE, AND (5) EQUIPPED WITH AUTOMATIC SCREED CONTROLS AND SENSING DEVICES THAT CONTROL THE THICKNESS, LONGITUDINAL GRADE, AND TRAVERSE SCREED SLOPE.
5. SMOOTHNESS PERCSJ SUPERPAVE ASPHALT CONCRETE SECTION 39-2.01A(4)(I)(III) PAVEMENT SMOOTHNESS REQUIREMENTS - STRAIGHTEDGE OR PROFILOGRAPH AT THE DISCRETION OF THE ENGINEER." TO REPLACE DELETED VERBIAGE
6. SMOOTHNESS CORRECTION - HMA NOT CONFORMING TO CSJ SUPERPAVE ASPHALT CONCRETE SECTION 39-2.01A(4)(I)(II) WILL BE REMOVED AND REPLACED.
7. ACCEPTANCE CRITERIA PER CSJ SUPERPAVE ASPHALT CONCRETE SECTION 39
8. PERMITTEE WILL VIDEO INSPECT A 300-FOOT RADIUS AROUND PROPOSED EXCAVATIONS AND PROVIDE DVD COPIES OF THE INSPECTION PRIOR TO COMMENCEMENT OF CONSTRUCTION.

SUPERIOR RESURFACING TRENCH RESTORATION

DEPARTMENT OF PUBLIC WORKS

