

GENERAL NOTES

ITEM SPECIAL - CRACK SEALING IN COMPOSITE PAVEMENT

ALL CRACKS 1/4 INCH WIDE TO 1 1/2 INCHES WIDE IN THE EXISTING ASPHALT CONCRETE WEARING SURFACE, INCLUDING REFLECTIVE CRACKS OVER THE LONGITUDINAL JOINT BETWEEN THE PAVEMENT AND SHOULDER, SHALL BE CLEANED, EXPOSED AS NECESSARY AND SEALED UNDER THIS ITEM OF WORK, AS DIRECTED BY THE ENGINEER. TIGHTLY CLOSED CRACKS, (LESS THAN 1/4 INCH) SHALL NOT BE SEALED. CRACKS WIDER THAN 1 1/2 INCHES SHALL BE REPAIRED AS PER ITEM SPECIAL - WEARING COURSE REMOVAL AND REPLACEMENT, AS PER PLAN.

ALL CRACKS SHALL BE PREPARED AS FOLLOWS:

CASE I - CRACKS 1/4 INCH TO 1/2 INCH WIDE SHALL BE ROUTED TO A MINIMUM OF 1/2 INCH WIDE BY 1 INCH DEEP.

CASE 2 - CRACKS 1/2 INCH TO 1 1/2 INCH WIDE SHALL BE GOUGED OR ROUTED CLEAN TO A MINIMUM OF 1 INCH DEEP.

ALL CRACK PREPARATIONS LISTED ABOVE SHALL BE CONTINUED UNTIL THE CRACK IS FREE OF OLD SEALING MATERIALS, DUST, DIRT, WATER OR OTHER FOREIGN MATERIALS. SANDBLASTING AND/OR AIRBLASTING AS NECESSARY TO CLEAN THE CRACK WILL ALSO BE REQUIRED. PRIOR TO PLACING ANY SEALING MATERIAL, THE CRACK PREPARATION SHALL BE APPROVED BY THE ENGINEER.

THE CRACK SEALER MATERIAL SHALL BE A HOT APPLIED CRACK SEALER MEETING THE REQUIREMENTS OF ASTM D 3405. MATERIAL SHALL MEET THE -20 DEGREES FAHRENHEIT BOND TEST AS DESCRIBED IN SECTION 4.4 OF D 3405.

CASE I : CRACKS SHALL BE FILLED FLUSH WITH CRACK SEAL MATERIAL.

CASE II: CRACKS SHALL BE FILLED FLUSH WITH SAND ASPHALT OR ITEM 404 ASPHALT CONCRETE.

THIS ITEM OF WORK SHALL INCLUDE ALL EQUIPMENT, LABOR AND MATERIALS NECESSARY TO SEAL ALL CRACKS AS OUTLINED ABOVE.

THE METHOD OF MEASUREMENT SHALL BE THE ACTUAL NUMBER OF LANE MILES PREPARED AND SEALED (SEE LANE MILE DEFINITION).

THE FOLLOWING ESTIMATED QUANTITY HAS BEEN INCLUDED IN THE GENERAL SUMMARY TO BE USED AS OUTLINED ABOVE.

ITEM SPECIAL - CRACK SEALING IN COMPOSITE PAVEMENT
-- 37.5 -- LANE MILES

LANE MILE DEFINITION (ASPHALT CONCRETE PAVEMENT ONLY)

MAINLINE - ONE LANE PER 12 FOOT WIDTH ANY FRACTIONAL PORTION OF A LANE SHALL BE CONSIDERED A FULL LANE (I.E. 0.1' TO 12.0' IS ONE LANE).

RAMP - TYPICALLY 1 LANE IS 16 FEET WIDE (18 FEET WIDE AT GORES).

WHEN THE PAVEMENT WIDTH EXCEEDS, THE SINGLE LANE WIDTH A SECOND LANE IS COUNTED (UP TO 24 FEET WIDE). THEREFORE MULTIPLES OF 12 FEET DEFINE EACH LANE AS IN THE MAINLINE DEFINITION.

A LANE MILE IS ONE LANE, AS DEFINED ABOVE, ONE MILE LONG.

