CONCRETE PAVEMENT RESTORATION

AGE OF PAVEMENT
LESS THAN OR EQUAL TO 5 YEARS

NOTES:
1. EXTENT OF PAVEMENT REPAIR SHALL BE PERPENDICULAR AND PARALLEL TO TRAVEL WAY.
2. REPLACE ENTIRE PAVEMENT WIDTH AND LENGTH TO NEAREST CONSTRUCTION OR EXPANSION JOINT BEYOND EDGE OF EXCAVATION.
3. SAW CUT AND EXPOSE 1½" OF REINFORCING STEEL WHERE EXISTING PAVEMENT REINFORCING BARELY SHOWS. IF EXISTING REINFORCING IS BROKEN OFF, REPLACE CHipped END.
4. REPLACE CURB WHEN ADJACENT LANE IS REPLACED.
5. MAINTAIN EXPANSION JOINTS AT EXISTING LOCATIONS UNLESS OTHERWISE DIRECTED BY CITY ENGINEER.
6. SPECIALTY PAINTINGS OR BRICK PAVERS TO BE REPLACED WITH MATCHING PAINTING OR MATERIAL TO MATCH EXISTING.
7. REPLACE PAINT MARKINGS IN ACCORDANCE WITH CITY SPECIFICATIONS 02951 & 02767.
8. CV EXTENT OF EXCAVATION IS ALLOWED TO BE ADJUSTED TO MEET ﬂATNESS REQUIREMENTS SHOWN ON STANDARD SHEET 02767.

Curb or edge of pavement

CONSTRUCTION OR EXPANSION JOINT

CONSTRUCTION OR EXPANSION JOINT

EXTENT OF EXCAVATION

EXTENT OF EXCAVATION

NOTE:
1. EXTENT OF PAVEMENT REPAIR SHALL BE PERPENDICULAR AND PARALLEL TO TRAVEL WAY.
2. WET.
   REPLACE PANEL WIDTH TO NEAREST CONSTRUCTION OR EXPANSION JOINT BEYOND EDGE OF EXCAVATION.
3. LENGTH:
   a. MINIMUM LENGTH OF PAVEMENT BEYOND ALONG TRAVEL WAY IS 1½" FROM THE NEAREST JOINT.
   b. IF EDGE OF EXCAVATION IS LESS THAN 1½" FROM EXISTING CONSTRUCTION OR EXPANSION JOINT, PLACE REPAIR MATERIAL TO EXISTING JOINT.
4. SAW CUT AND EXPOSE 1½" OF REINFORCING STEEL ALONGSIDE EDGE OF PAVEMENT, REPLACEMENT PROVIDE HORIZONTAL GROOVED SPECIFICATION SECTION SD08-12 OR SIMILAR MATERIAL ELSEWISE PAVERS ARE BROKEN OFF, REPLACE CHipped END.
5. REPLACE CURB WHEN ADJACENT LANE IS REPLACED.
6. MAINTAIN EXPANSION JOINTS AT EXISTING LOCATIONS UNLESS OTHERWISE DIRECTED BY CITY ENGINEER.
7. SPECIALTY PAINTINGS OR BRICK PAVERS TO BE REPLACED WITH MATCHING PAINTING OR MATERIAL TO MATCH EXISTING.
8. REPLACE PAINT MARKINGS IN ACCORDANCE WITH CITY SPECIFICATIONS 02951 & 02767.
9. CV EXTENT OF EXCAVATION IS ALLOWED TO BE ADJUSTED TO MEET ﬂATNESS REQUIREMENTS SHOWN ON STANDARD SHEET 02767.

STREET CUT PAVEMENT REPLACEMENT – CONCRETE PAVEMENT LESS THAN 5 YEARS IN AGE

NTS

STREET CUT PAVEMENT REPLACEMENT – CONCRETE PAVEMENT OVER 5 YEARS IN AGE

NTS

ASPHALT PAVEMENT RESTORATION

PAVEMENT OF ALL AGES

NOTE:
1. EXTENT OF PAVEMENT REPAIR SHALL BE PERPENDICULAR AND PARALLEL TO TRAVEL WAY.
2. FLEXIBLE PAVEMENT
   REPLACE WIDE TO SAME THICKNESS PL. WHERE NEEDED 1½" FOR EXCESS OF EXCAVATION, USE APPROVED BASE MATERIAL TYPE.
3. SURFACE course:
   a. SURFACE MILL AND EXPOSE FULL WIDTH OF UNLAYERED TO NEAREST LANE AND ACROSS EDGE OF EXCAVATION.
   b. LENGTH:
      MINIMUM LENGTH OF SURFACE MILL ALONG TRAVEL WAY IS 1½".
   c. REPLACE PAINT MARKINGS IN ACCORDANCE WITH CITY SPECIFICATIONS 02951 & 02767.
   d. CV EXTENT OF EXCAVATION IS ALLOWED TO BE ADJUSTED TO MEET ﬂATNESS REQUIREMENTS SHOWN ON STANDARD SHEET 02767.

Curb, shoulder or median

EXTENT OF EXCAVATION

EXTENT OF EXCAVATION

NOTE:
1. EXTENT OF PAVEMENT REPAIR SHALL BE PERPENDICULAR AND PARALLEL TO TRAVEL WAY.
2. WET.
   REPLACE ENTIRE PAVEMENT WIDTH AND LENGTH TO NEAREST CONSTRUCTION OR EXPANSION JOINT BEYOND EDGE OF EXCAVATION.
3. SAW CUT AND EXPOSE 1½" OF REINFORCING STEEL WHERE EXISTING PAVEMENT REINFORCING BARELY SHOWS. IF EXISTING REINFORCING IS BROKEN OFF, REPLACE CHipped END.
4. REPLACE CURB WHEN ADJACENT LANE IS REPLACED.
5. MAINTAIN EXPANSION JOINTS AT EXISTING LOCATIONS UNLESS OTHERWISE DIRECTED BY CITY ENGINEER.

ADDITIONAL REQUIREMENTS FOR ASPHALT OVERLAY ON CONCRETE PAVEMENT:
1. REPLACE CONCRETE FOR EXTENT OF EXCAVATION, REPLACE TO SAME THICKNESS PLUS TWO INCHES (2")
2. WET.
   IF EXCAVATION EXTENDS MORE THAN ½ OF A LANE, REPLACE ENTIRE LANE OF CONCRETE OTHERWISE USE STANDARD DETAIL 02951.
3. SAW CUT AND EXPOSE 1½" OF REINFORCING STEEL ALONGSIDE EDGE OF CONCRETE REPAIRMENT. IF NO REINFORCING STEEL EXISTS, USE HORIZONTAL GROOVED SPECIFICATIONS SECTION SD08-12.
4. REPLACE CURB WHEN ADJACENT LANE IS REPLACED.
5. MAINTAIN CONCRETE EXPANSION JOINTS AT EXISTING LOCATIONS UNLESS OTHERWISE DIRECTED BY CITY ENGINEER.

STREET PAVING AND SIDEWALK

02951–01 THROUGH 02951–03

CITY OF HOUSTON
HOUSTON PUBLIC WORKS

APPROVED BY:

DIRECTOR OF HOUSTON PUBLIC WORKS

EFFECTIVE DATE: 02–01–2003
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