NOTES THIS DETAIL:

1. THICKENED COLLARS SHALL BE INSTALLED AROUND ALL SEWER MANHOLES, CLEANOUTS AND VALVE BOX STRUCTURES UTILIZING ANY ONE OF THE FOLLOWING MATERIALS:

   A. CONCRETE. MINIMUM 4000 PSI COMPRESSIVE STRENGTH. MONOLITHIC POUR WITH A MINIMUM 24-HOUR CURE TIME PRIOR TO PAVEMENT.

   B. CONTROL DENSITY FILL "CDF": 3 SACK MIX WITH A MINIMUM 24-HOUR CURE TIME PRIOR TO PAVEMENT.

   C. ASPHALT. SAME HOT MIX DESIGN AS ROAD PLACED IN 2" LIFTS AND COMPACTED WITH A MECHANICAL TAMPER PRIOR TO PAVEMENT.

2. NO NATIVE, SUB-GRAGE OR BASE COURSE MATERIAL MAY BE BACKFILLED AND COMPACTED WITHIN EXCAVATED THICKENED COLLAR ZONE. ALL DISTURBED MATERIAL SHALL BE REMOVED, HAULED AND DISPOSED OF OFFSET.

3. ALL THICKENED COLLARS SHALL BE COMPLETED AND INSPECTED BY THE WASTEWATER UTILITY PRIOR TO PAVING. PROVIDE 48-HOUR NOTICE.

4. SEAL SAW CUT LINE & OUTSIDE MANHOLE FRAME LINE W/ GRAFTCO PAVEMENT JOINT ADHESIVE OR APPROVED EQUIVALENT.

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THICKENED COLLAR ZONE NO REBAR REQUIRED

THICKENED CONCRETE COLLAR NOT UNDER PAVEMENT 1/4" ABOVE RIM ELEVATION. DRAIN AWAY FROM MANHOLE FRAME & COVER AS SHOWN.

20" OR AS REG'D FOR OFF PAVEMENT

THICKENED COLLAR ZONE

UNDISTURBED NATIVE OR APPROVED COMPACTED SUBGRADE MATERIAL.

EXTEND THICKENED COLLAR 2" BELOW THE TOP OF MANHOLE CONE.

NEW MANHOLE. SEE STD DWG. SS-1, SS-2 OR SS-3

NEW MANHOLE FRAME AND COVER SEE STD. DWG. SS-5.

2" MIN. 10" MAX.

ASPHALT/CONCRETE 1/4" ABOVE RIM ELEVATION.

NEW ASPHALT PAVEMENT OR CONCRETE.

NEW COMPACTED BASE COURSE.

18" OR AS REG'D FOR UNDER PAVEMENT

THICKENED COLLAR ZONE

UNDISTURBED NATIVE OR APPROVED COMPACTED SUBGRADE MATERIAL.

EXTEND THICKENED COLLAR 2" BELOW THE TOP OF MANHOLE CONE.

OFF PAVEMENT SECTION ← NEW STREET PAVEMENT SECTION