Public Works Department

CITY OF DELAWARE OHIO EST 1808

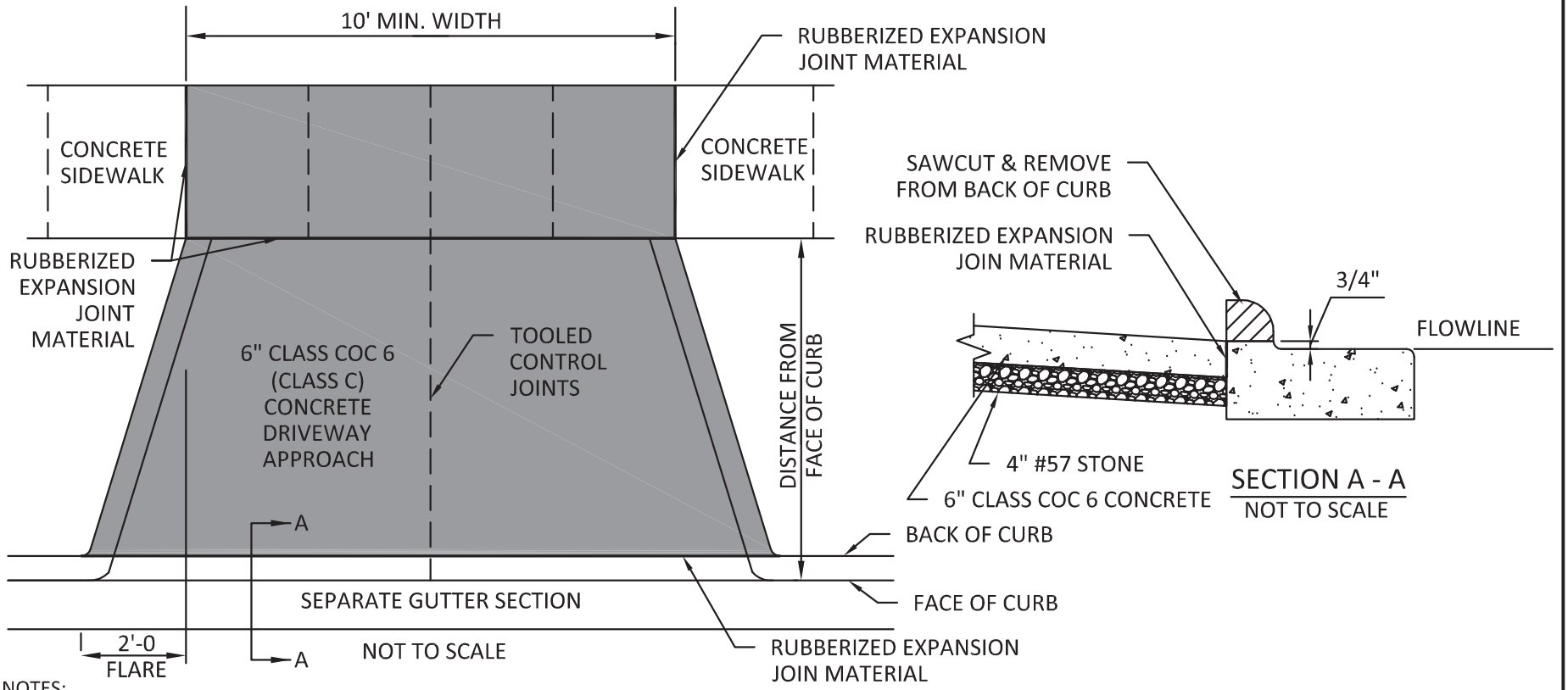
STANDARD DETAIL

RESIDENTIAL DRIVE CONCRETE APPROACH

ROADWAY

RDWD-9.0

Revised 12/31/2018



NOTES:

1. CURB OR COMBINED, CURB AND GUTTER SHALL BE TAKEN OUT AND REPLACED WITH CONCRETE, SEPARATED FROM THE APPROACH WITH RUBBERIZED EXPANSION JOINT MATERIAL BY 1/2" REFLEX RUBBER EXPANSION JOINT MATERIAL OR APPROVED EQUIVALENT. WHEN LESS THAN 5' OF A CURB SECTION REMAINS AFTER THE CURB CUT IS LOCATED, IT SHALL ALSO BE REMOVED AND REPLACED.
2. RUBBERIZED EXPANSION JOINT MATERIAL SHALL BE ½-INCH REFLEX RUBBERIZED EXPANSION JOINT MATERIAL OR APPROVED EQUAL AND PLACED WHEREVER NEW CONCRETE WALK ABUTS A DRIVEWAY APPROACH, AROUND STRUCTURES, AGAINST THE BACK OF CURB, AND AT A MAXIMUM TRANSVERSE INTERVALS OF 30-FT. FOARMTECH CONCRETE EXPANSION JOINT FOAM OR AN APPROVED EQUIVALENT SHALL BE USED AROUND RADII.
3. FILLS, IF REQUIRED, SHALL BE OF EARTH, COMPACTED IN 2" LAYERS, OR OF ITEM 304, AGGREGATE BASE, COMPACTED IN LAYERS NOT EXCEEDING 4".
4. DRIVEWAYS AND SIDEWALKS SHALL BE CONSTRUCTED PER CMS ITEM 608 WITH ITEM 499 CONCRETE CLASS COC 6 WITH A MINIMUM 28 DAY COMPRESSIVE STRENGTH OF 4,000 PSI AND SHALL CONTAIN 6% ±2% ENTRAINED AIR, AND A 3-INCH MAXIMUM SLUMP.
5. EXPANSION JOINTS SHALL BE PLACED TO FORM UTILITY STRIPS WHERE REQUIRED, AND WHEREVER NEW CONCRETE TOUCHES EXISTING CONSTRUCTION.
6. FORMS SHALL CONSIST OF WOOD 2" NOMINAL THICKNESS OR METAL OF EQUAL STRENGTH.
7. A STANDARD CURING COMPOUND, OPAQUE (WHITE TINTED), SHALL BE PROPERLY APPLIED IMMEDIATELY AFTER FINISH.
8. ITEM NUMBERS REFER TO CITY OF COLUMBUS CONSTRUCTION AND MATERIAL SPECIFICATIONS (CMS), CURRENT EDITION, AND ALL WORK SHALL BE DONE IN ACCORDANCE WITH THESE SPECIFICATIONS.
9. NOTIFY THE CITY WHEN FORMS WILL BE READY FOR INSPECTION, AT LEAST 24 HOURS BEFORE CONCRETE IS TO BE PLACED. IN NO CASE SHALL CONCRETE BE PLACED WITHOUT APPROVAL OF FORM WORK BY THE INSPECTOR.
10. NO CONCRETE SHALL BE PLACED UNTIL TEMPERATURE IS 35° F. MIN. CONCRETE SHALL BE PROTECTED IN ACCORDANCE WITH THE REQUIREMENTS OF ITEM 451.
11. SIDEWALK POURED IN CONJUNCTION WITH DRIVEWAY SHALL HAVE ¼ -INCH RADIUS EDGE TOOLED JOINTS AND EDGES, WITH A BROOM FINISH PERPENDICULAR TO THE DIRECTION OF TRAVEL. ALL JOINTS AND EDGES SHALL BE RETRACED. RUBBERIZED EXPANSION JOINT MATERIAL IS NOT REQUIRED WITH MONOLITHIC POUR BETWEEN SIDEWALK AND DRIVEWAY.
12. ALL DRIVEWAYS SHALL NOT EXCEED 8% SLOPE.