



\* CURB AND GUTTER AGGREGATE COURSE-WHERE THE ROADWAY PAVEMENT HAS AGGREGATE BASE, MATCH THE BOTTOM OF THE CURB AND GUTTER AGGREGATE COURSE TO THE TOP OF SUBGRADE. ENSURE ROADWAY SUB BASE MEETS UNDERDRAIN AGGREGATE.

\*\* AT CURB RAMP LOCATIONS, THE GUTTER SLOPE SHALL NOT EXCEED 4.7%. TRANSITION GUTTER OVER 3' TO MATCH EXISTING CURB & GUTTER SLOPE. THE PAVEMENT SHALL BE FLUSH AT THE GUTTER IN FRONT OF CURB RAMPS. CURB RAMPS SHALL BE BUILT PER STD DWG STR-16.

NOTES:

1. IMMEDIATELY AFTER FINISHING, CONCRETE SHALL BE CURED IN AN APPROVED MANNER.
2. NO CONCRETE SHALL BE PLACED UNTIL TEMPERATURE IS 35 DEGREES AND RISING, OR IN A MANNER APPROVED BY THE CITY.
3. CONCRETE SHALL BE PROTECTED FROM FREEZING.
4. EXPANSION JOINT MATERIAL SHALL BE REFLEX RUBBER OR APPROVED EQUIVALENT.
5. ALL EXPOSED SURFACES OF CONCRETE CURB SHALL HAVE A BRUSH FINISH.
6. COMBINED CURB AND GUTTER SHALL BE CONSTRUCTED USING ODOT CLASS C CONCRETE. THE MIX DESIGN SHALL CONFORM TO ODOT 499, AND SHALL NOT CONTAIN FLY ASH OR SLAG.
7. CONSTRUCT CONTRACTION JOINTS AT 10 FOOT INTERVALS TO A MINIMUM DEPTH OF 2 INCHES. EXPANSION JOINTS ARE TO BE CONSTRUCTED AT A MAXIMUM OF 200 FEET INTERVALS.
8. IF THE TOP OF THE SUBGRADE IS BELOW THE BOTTOM OF THE CURB, THE UNDERDRAIN SHALL BE ADJUSTED TO KEEP THE TOP OF THE UNDERDRAIN AT LEAST 8" BELOW THE TOP OF THE SUBGRADE; AGGREGATE DEPTH BETWEEN BOTTOM OF CURB AND TOP OF UNDERDRAIN MAY VARY IF THIS OCCURS.
9. SUBGRADE COMPACTION SHALL BE COMPLETED BEFORE UNDERDRAIN INSTALLATION.
10. WHEN A CURB AND GUTTER INLET IS INSTALLED, THE TOP OF THE CASTING SHALL BE THE SAME AS THE TOP OF CURB ELEVATION. THE EDGE OF PAVEMENT SHALL BE 3/8" HIGHER THAN THE GRATE WHEREVER THEY MEET.
11. FOR REPLACEMENT WORK, THE CURB SHALL BE REMOVED AT AN EXISTING JOINT OR NO CLOSER THAN 5 FEET FROM AN EXISTING JOINT.
12. AN EXPANSION JOINT SHALL BE INSTALLED NO MORE THAN 5 FEET AWAY FROM AN INSTALLED CURB AND GUTTER INLET.
13. 1/2" EXPANSION MATERIAL WILL BE INSTALLED BEHIND THE CURB WHEN A CONCRETE WALK, DRIVE, OR OTHER ITEM IS ADJOINING IT.
14. WHEN CONNECTING TO AN EXISTING COMBINATION CURB AND GUTTER, TRANSITION THE GUTTER PAN AS REQUIRED, OVER A DISTANCE OF 10 FEET MAXIMUM, TO MAINTAIN POSITIVE DRAINAGE.
15. CONCRETE QUANTITY: 1.59 C.F. CONCRETE PER L.F.

NOT TO SCALE

Date: 1/1/20

Standard Construction Drawing



COMBINED CURB AND GUTTER

Drawing No.

STR-05