



\* DESIGN NOTE:  
WHEN DESIGNING 'SPILL  
CURB' ROTATE CURB AT  
TOP FRONT OF GUTTER PAN  
HINGE POINT, NOT TOP  
BACK OF CURB.

## KEYED NOTES:

- ① FILL MATERIAL: MINIMUM OF EIGHT (8") INCHES OF FILL MATERIAL COMPACTED TO 95% PROCTOR DENSITY BEHIND CURB. SEE STD-752 FOR SIDEWALK SECTION IF APPLICABLE.
- ② BASE: MINIMUM OF FOUR (4") INCHES OF BASE SHALL BE COMPACTED TO 95% PROCTOR DENSITY. EXTEND ONE (1') FOOT BEHIND CURB.
- ③ SUB-BASE: THICKNESS OF SUB-BASE BASED ON SUBGRADE CBR AS SHOWN ON STD-703 OR STD-704, MINIMUM OF FOUR (4") INCHES. EXTEND ONE (1') FOOT BEHIND CURB.
- ④ SUB GRADE: MINIMUM OF SIX (6") INCHES OF SUB GRADE SHALL BE COMPACTED TO 95% PROCTOR DENSITY. EXTEND ONE (1') FOOT BEHIND CURB.
- ⑤ EIGHT (8") INCH MINIMUM GUTTER THICKNESS REQUIRED WHERE CURB IS LAID-DOWN, FROM PC TO PT AT INTERSECTIONS, OR AT COMMERCIAL APRON/APPROACHES.

## GENERAL NOTES:

1. CONTRACTION JOINTS SHALL BE PLACED EVERY TEN (10') FEET AND SHALL BE ONE-FOURTH (1/4) THE CONCRETE THICKNESS OR A MINIMUM OF ONE (1") INCH DEEP.
2. EXPANSION JOINTS OF ONE-HALF (1/2") INCH MASTIC MATERIAL SHALL BE PLACED AT THE FOLLOWING LOCATIONS:
  - 2.1 P.C.S AND P.T.S OF CURVES WHERE RADII ARE THIRTY (30') FEET OR LESS.
  - 2.2 GRADE BREAKS.
  - 2.3 NO CLOSER THAN FOUR (4') FEET ON EITHER SIDE OF A DRAINAGE STRUCTURE.
  - 2.4 AT OTHER LOCATIONS AS SPECIFIED BY CITY ENGINEER.
3. MINIMUM GUTTER FLOW LINE SHALL BE FIVE-TENTHS (0.5%) PERCENT SLOPE.
4. NO CURB OR SIDEWALK SHALL BE POURED WITHOUT AN INSPECTION AND APPROVAL BY CITY ENGINEERING DIVISION.
5. "L" TYPE CURB IS SUITABLE FOR USE AS LANDSCAPE RETAINING CURB AND MAY BE POURED WITH SIDEWALK UPON APPROVAL.
6. CONSTRUCTION MATERIALS AND PROCEDURES SHALL CONFORM TO EXISTING CITY SPECIFICATIONS FOR M-4000 CEMENT CONCRETE AND MONTANA PUBLIC WORKS STANDARD SPECIFICATIONS SECTIONS 02528 AND 03310.
7. THE CITY OF MISSOULA REQUIRES 564 LBS OF PORTLAND CEMENT PER CY OF CONCRETE.



Engineering Division

## Typical "L" Type Curb/Gutter Section

Approved By  
City Engineer  
Kevin J. Slovarp

Adopted: 01/30/1980  
Revised: 09/03/2020

STD - 740