



ARAPAHOE COUNTY  
COLORADO'S FIRST

## MEMORANDUM

**TO:** Mr. David M. Schmit, PE, Director, Department of Public Works and Development

**THRU:** Mr. Chuck V. Haskins, PE, Division Manager, Engineering Services Division

**FROM:** Vern Tabert PE, Engineer III, Transportation Division

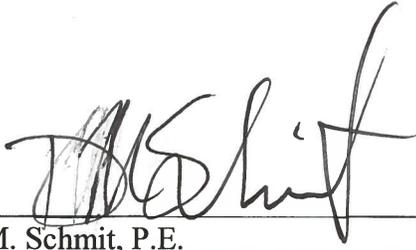
**DATE:** September 27, 2013

**RE:** **STANDARD DETAIL SP-16B SUMMARY OF KEY CHANGES**

The recommended corrections and clarifications are:

- The overall width formula for the Section B-B was incorrect. The proposed solution is to show the outside width (left side) as 6”.
- The flow directions for the two cases of Section A-A were reversed. The proposed corrections are shown.
- Three notes that reference “fabrication shop drawings” are changes to read “fabrication shop drawings approved by the Engineer”. The table showing WO width of opening and TP thickness of plate is relocated in the detail to allow space for these notation clarifications.
- The 6” and 8” dimensions from top of curb to flowline for the two cases of Section A-A are omitted as being unnecessary and in some cases incorrect.

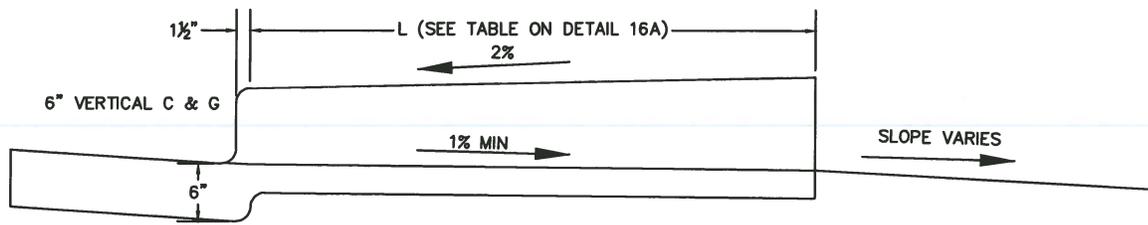
**Concurrence:**



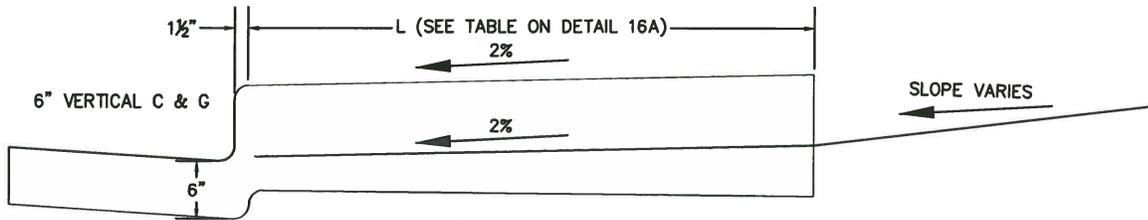
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David M. Schmit, P.E.  
Director, Public Works & Development  
Authorization pursuant to Resolution No. 130152

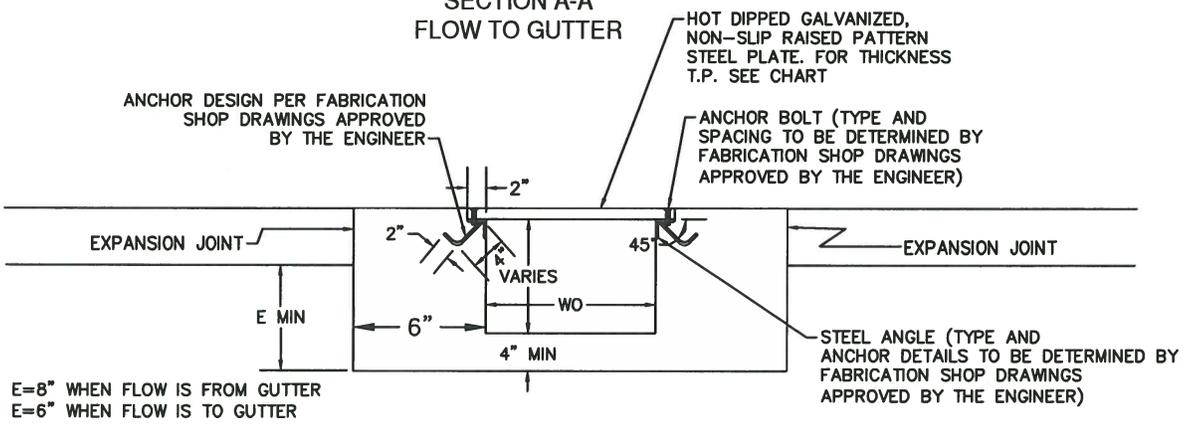
*Cc: Mr. Chuck V. Haskins, PE, Division Manager, Engineering Services*  
*Mr. Bryan D. Weimer, Division Manager, Transportation*  
*Vern Tabert, PE, Engineer III, Transportation*  
*VT/RDR*



SECTION A-A  
FLOW FROM GUTTER

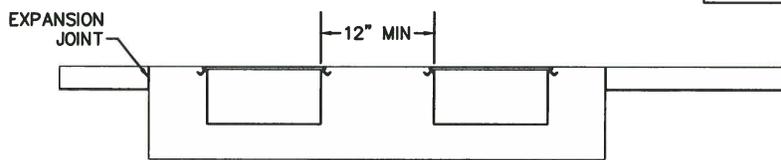


SECTION A-A  
FLOW TO GUTTER



SECTION B-B  
SINGLE CHASE

| W.O. WIDTH OF OPENING | TP THICKNESS OF PLATE |
|-----------------------|-----------------------|
| 12"                   | 1/2"                  |
| 12"-18"               | 5/8"                  |



SECTION B-B  
MULTIPLE CHASE  
WHEN OPENINGS ARE LARGER THAN 18"

Drawn By: SBW/VT

Checked By:

Approved By:

SIDEWALK CHASE  
IF PERMITTED BY VARIANCE

Issued: 5/10/05

Revised: 9/10/13

Drawing Number:  
SP. 16b