



Montana Department of Transportation

PO Box 201001  
Helena, MT 59620-1001

**VISION ZERO**

zero deaths  
zero serious injuries

**Memorandum**

To: e-distribution  
See below

From: Lesly Tribelhorn, P.E.  
Highways Engineer

Date: November 16, 2017

Subject: Culvert Bid Items

We are undergoing an effort to combine culverts of the same size and material into one bid item and eliminate the class/thickness. This will reduce the overall number of bid items for culverts and improve bid history. Coated pipe bid items will also be eliminated. The different class/thickness as well as coating will still be shown on the Culvert Summary frames for proper placement in the field.

Please refer to the current bid item list when working on estimates for the following pipe descriptions: CSP, CSP IRR, CSP SLOTTED, CSPA, SSPP, SSPPA, RCP, RCP IRR, RCP SIPHON, and RCPA. Select the bid item numbers that don't include designations for thickness or coating.

Example:

Recommendations call for the use of coated and uncoated 24" 0.079 at various locations, which is reflected in the Culvert Summary frame by station (no change to current practice).

CULVERTS										
STATION	linear feet			COATING #	linear feet			BEDDING MATERIAL	SPECIAL BACKFILL	CLASS "DI CONCRET
	CSP - 2 2/3" x 1/2" CORR.				RELAY PIPE CULVERT	CLEAN CULVERT	REMOVE PIPE CULVERT			
	0.064 THK. 24"	0.079 THK. 24"	0.168 THK. 84"							
157+08	100.0			NONE			58.3			
160+85			224.6	YES						
161+56							68.4	59		
164+34		136.4		YES						
164+35							56.9			
166+94		124.0		YES			145.0			
WYOMING ST										
738+64		58.0		NONE			43.3			
741+84	42.0			NONE			16.3			
MONTANA ST (LT.)										
777+39							21.6			
777+64							45.6			
<b>TOTAL</b>							<b>455.4</b>			

# SEE STANDARD SPEC. SEC. 709.04  
\*\* FOR INFORMATION ONLY, SEE IRRIGATION SUMMARY

However, the lengths for all the 24" CSP culverts are combined into one line for 24" CSP on the Culvert Summary Recap frame.

CULVERT SUMMARY RECAP								
BASIC BID	linear feet			cubic yards				
	NEW PIPE (TOTAL)	CLEAN CULVERT	REMOVE PIPE CULVERT	FILL AND ABANDON	FOUND-ATION MATERIAL	BEDDING MATERIAL	SPECIAL BACKFILL	CONCRE CLASS GENERA
24" CSP	460		387.0					
84" CSP	224		68.4					
TOTAL	~		455.4			59		

- Currently, there are four different bid items for 24" diameter CSP:
- 603010532 CSP 24 IN 0.064
  - 603010538 CSP 24 IN 0.079-CTD
  - 603010539 CSP 24 IN 0.079
  - 603010540 CSP 24 IN**

Select bid item number 603010540 for use in the cost estimate.

Contact Suzy Price in Contract Plans for less common sizes with bid items that haven't been consolidated or don't exist and for any other questions regarding this change.

This process is effective immediately.

Electronic distribution:

- Dustin Rouse, Preconstruction Engineer
- Kevin Christensen, Construction Engineer
- Lesly Tribelhorn, Highways Engineer
- James Combs, Highways Design Engineer
- Damian Krings, Road Design Engineer
- Roy Peterson, Traffic & Safety Engineer
- Ivan Ulberg, Traffic Design Engineer
- Kent Barnes, Bridge Engineer
- Matt Strizich, Materials Engineer
- Ryan Dahlke, Consultant Design Engineer
- Bryan Miller, Consultant Plans Engineer
- Lisa Durbin, Construction Administration Services Engineer
- Paul Jagoda, Construction Engineering Services Engineer
- Suzy Price, Contract Plans Bureau Chief
- Tim Tilton, Contract Section Supervisor
- Jim Frank, Glendive District Preconstruction Engineer
- Rod Nelson, Billings District Preconstruction Engineer
- Joe Walsh, Butte District Preconstruction Engineer (Acting)
- Shane Stack, Missoula District Preconstruction Engineer
- Steve Prinzing, Great Falls District Preconstruction Engineer
- John Cornell, Road Plans Checker
- Jerry Sabol, Road Plans Checker