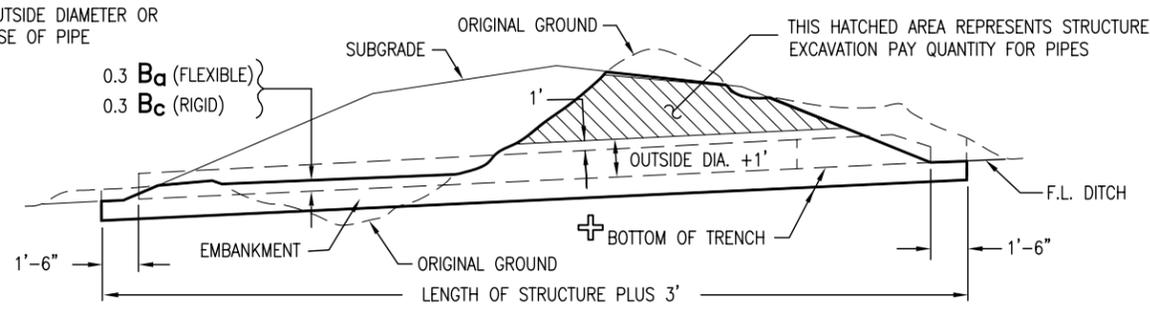
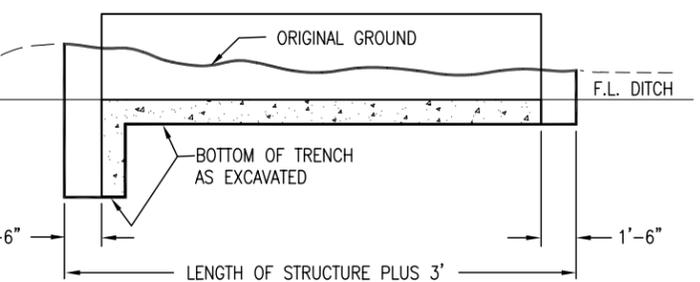
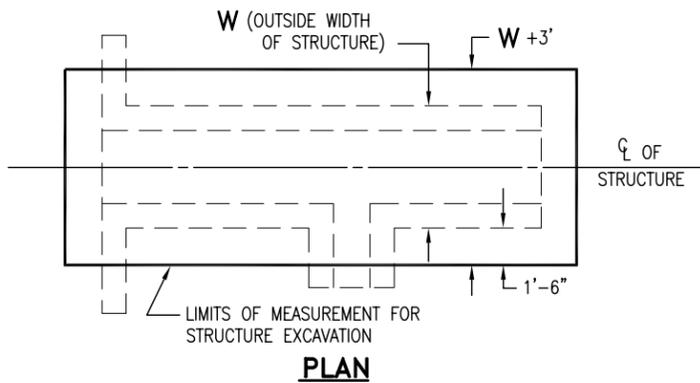


$B_a$  = INSIDE DIAMETER OR INSIDE SPAN OF PIPE  
 $B_c$  = OUTSIDE DIAMETER OR RISE OF PIPE

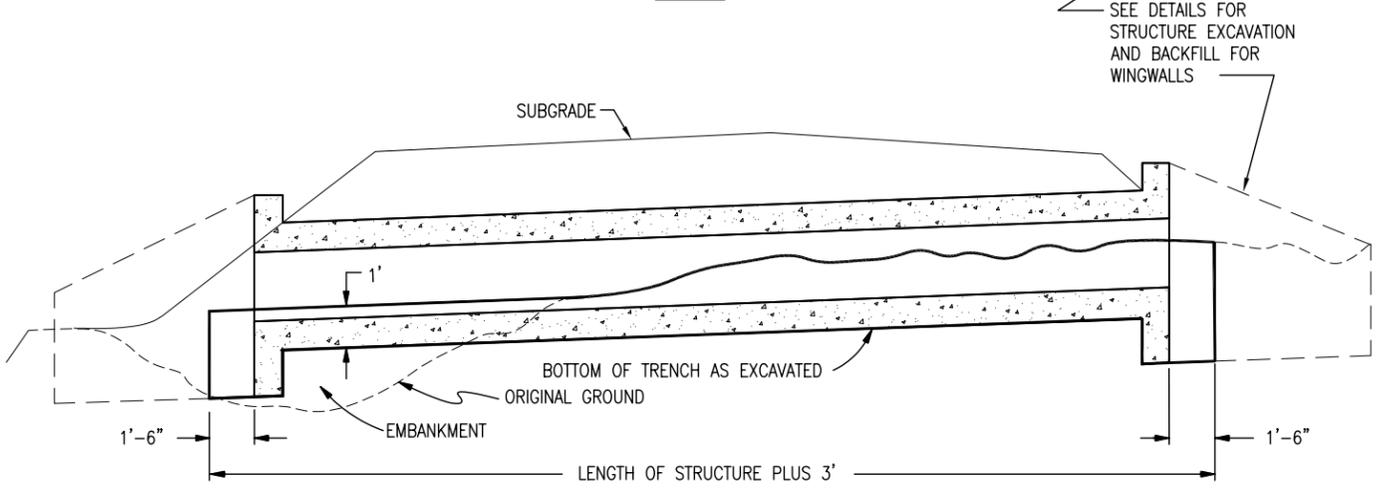
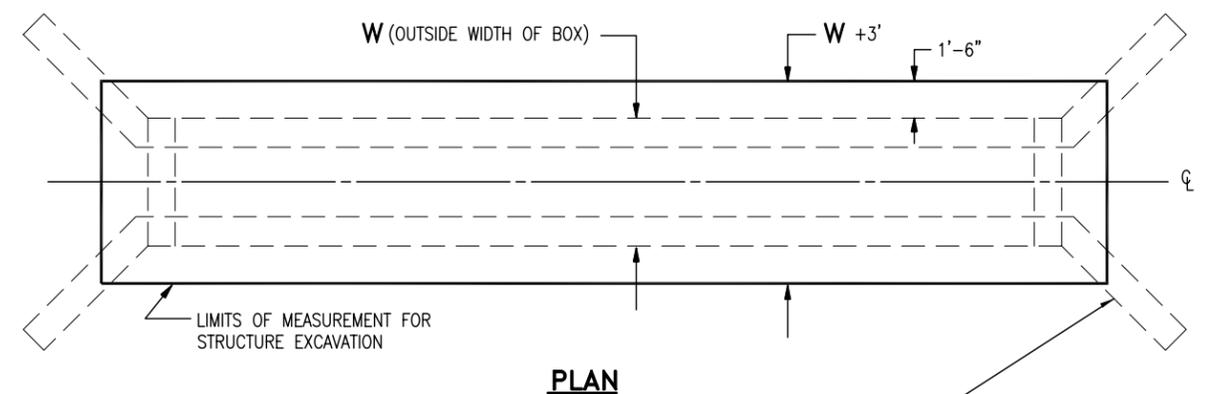


THIS HATCHED AREA REPRESENTS STRUCTURE EXCAVATION PAY QUANTITY FOR PIPES  
 FOR APPLICABLE LIMITS OF STRUCTURE EXCAVATION, SEE BEDDING DETAILS ON SHEET 1 OF THESE DETAILS.  
 STRUCTURE EXCAVATION UP TO 1 FT. ABOVE THE TOP OF THE PIPE SHALL BE INCLUDED IN THE BID PRICE OF THE PIPE.

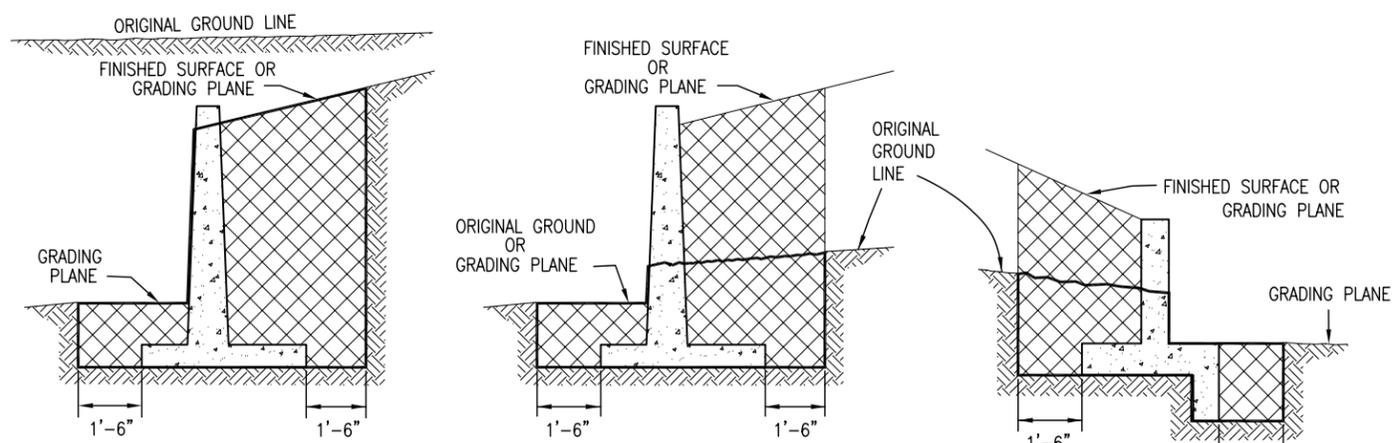
**STRUCTURE EXCAVATION MEASUREMENT FOR PIPE CULVERTS**



**STRUCTURE EXCAVATION MEASUREMENT FOR DIVISION BOXES**



**STRUCTURE EXCAVATION MEASUREMENT FOR CONCRETE BOX CULVERTS**



**RETAINING WALL IN CUT & IN PARTIAL CUT**

ANY ADDITIONAL EXCAVATION BEHIND THE LIMITS SHOWN SHALL BE FILLED WITH CLASS 1 BACKFILL MATERIAL. THE ADDITIONAL EXCAVATION AND BACKFILL WILL NOT BE MEASURED AND PAID FOR.

**WINGWALL**

**LEGEND**

	STRUCTURE EXCAVATION LIMITS
	STRUCTURE BACKFILL, CLASS 1 OR 2, AS SHOWN ON PLANS
	CONCRETE

**Computer File Information**

Creation Date: 07/04/06	Initials: SJR
Last Modification Date: 07/04/06	Initials: LTA
Full Path: www.dot.state.co.us/DesignSupport/	
Drawing File Name: 206010202.dwg	
CAD Ver.: MicroStation V8	Scale: Not to Scale Units: English

**Sheet Revisions**

Date:	Comments
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(R-X)	
(R-X)	
(R-X)	

Colorado Department of Transportation  
 4201 East Arkansas Avenue  
 Denver, Colorado 80222  
 Phone: (303) 757-9083  
 Fax: (303) 757-9820  
 Project Development Branch SRJ/LTA

**EXCAVATION AND BACKFILL FOR STRUCTURES**  
 Issued By: Project Development Branch on July 04, 2006

**STANDARD PLAN NO.**  
 M-206-1  
 Sheet No. 2 of 2