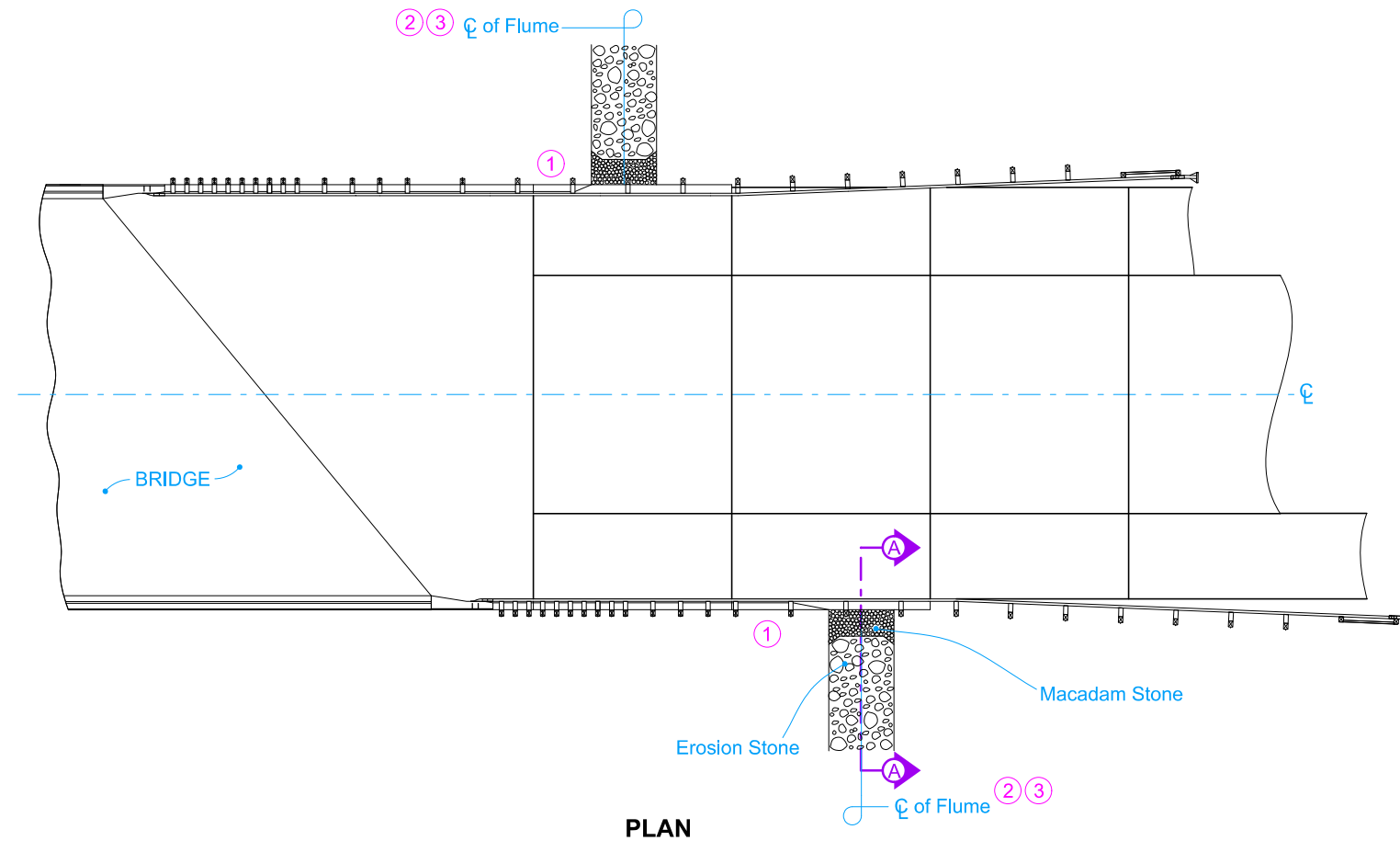
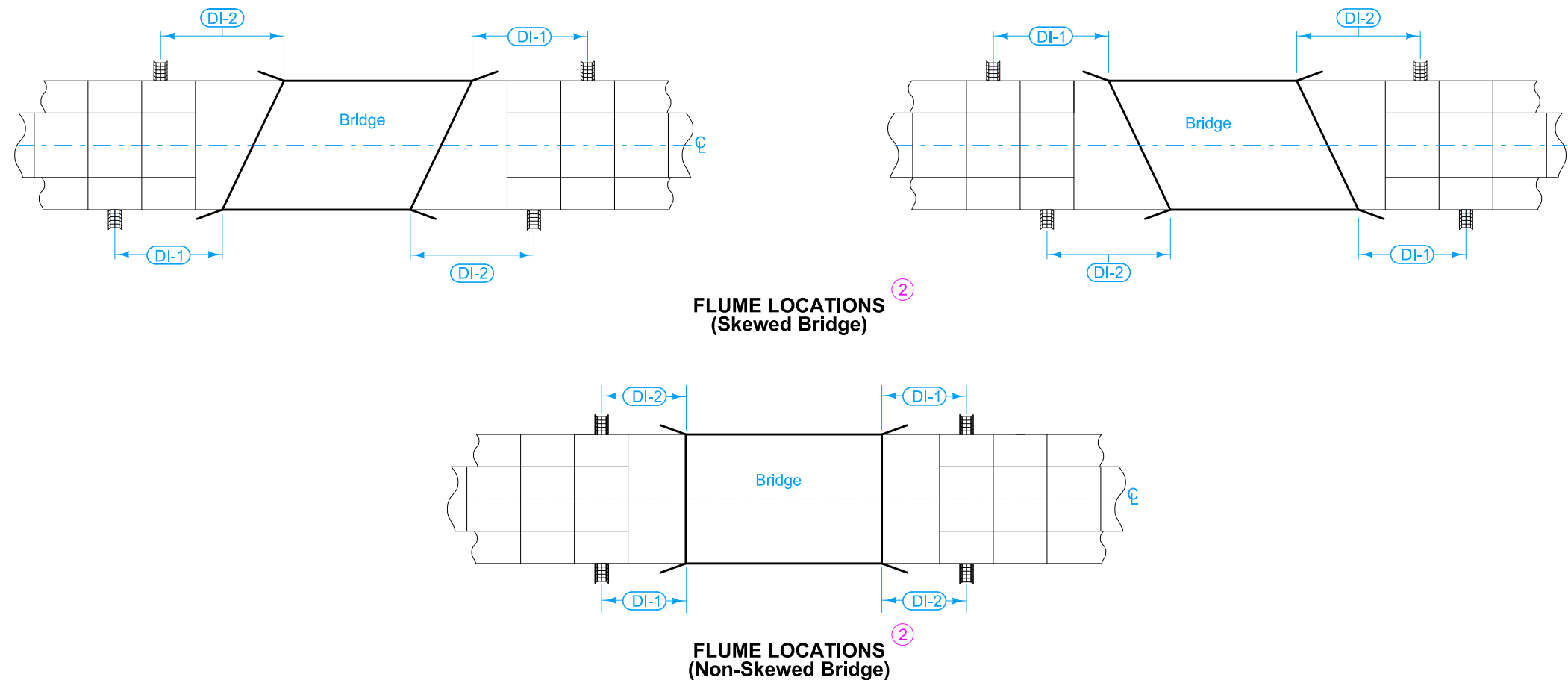


## DESIGNER INFORMATION



Price bid for "Bridge End Drain, DR-402" is full compensation for furnishing, installing, and constructing the Bridge End Drain as shown.

- ① Continue 4 inch sloped curb to edge of flume per section B-B. Refer to [BR-201](#), [BR-202](#), [BR-203](#), [BR-204](#), or [BR-205](#) for details of 4 inch curb.
- ② DI-1 and DI-2 distances measured from center of Bolt Pattern. Refer to BA-202.
- ③ Extend rock flume to toe of backslope. If no backslope exists, extend rock flume a minimum of 4 feet beyond the toe of foreslope.



Possible Contract Items:  
Bridge End Drain, DR-402

Incidental to Bridge End Drain:  
Macadam Stone Base Material  
Erosion Stone  
Engineering Fabric  
Excavation, hauling, and disposing of material

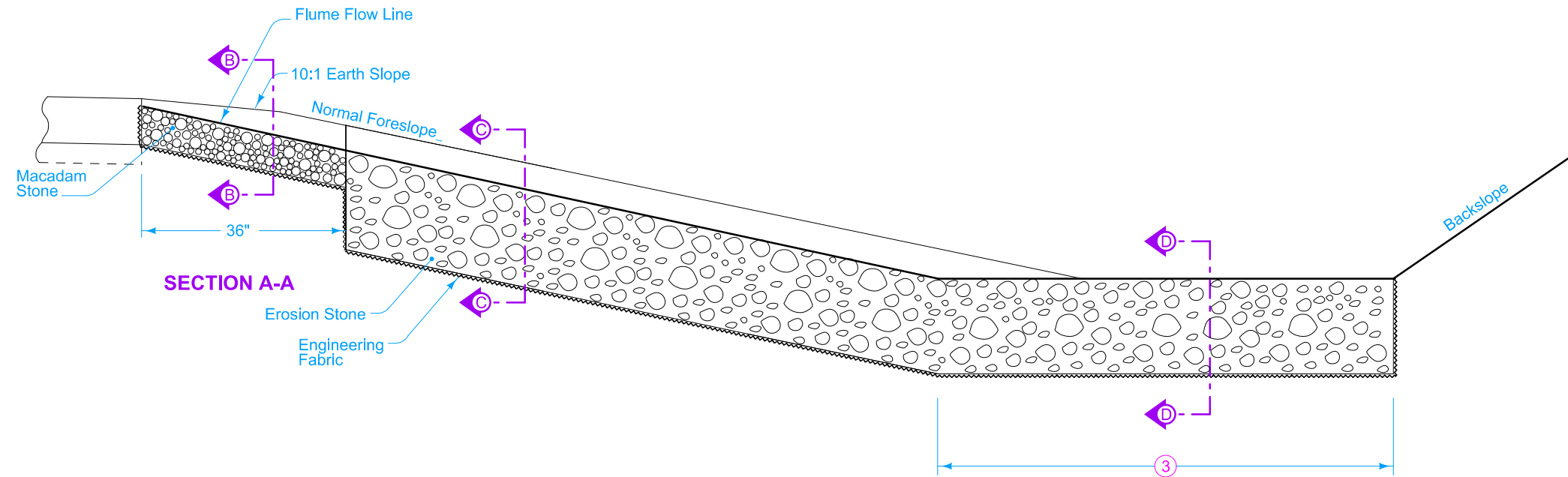
Possible Tabulation:  
104-8A

 <b>IOWA DOT</b> <b>STANDARD ROAD PLAN</b>	REVISION	
	7	04-16-24
	<b>DR-402</b>	
	SHEET 1 of 2	

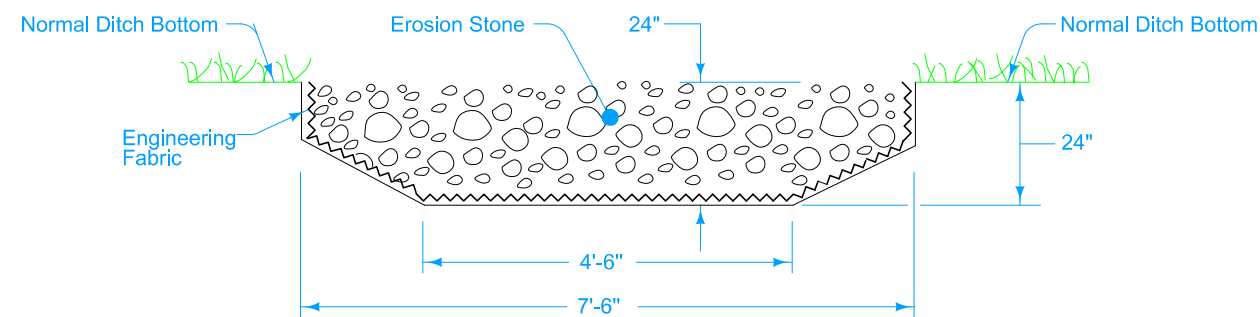
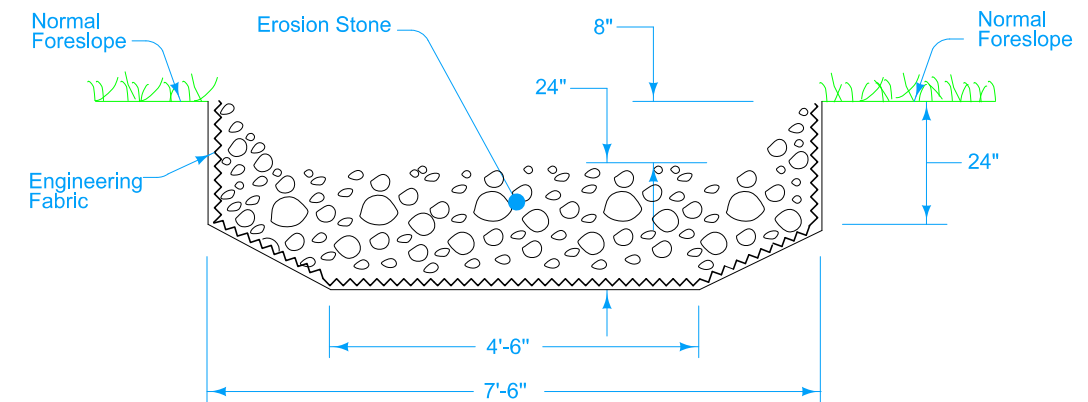
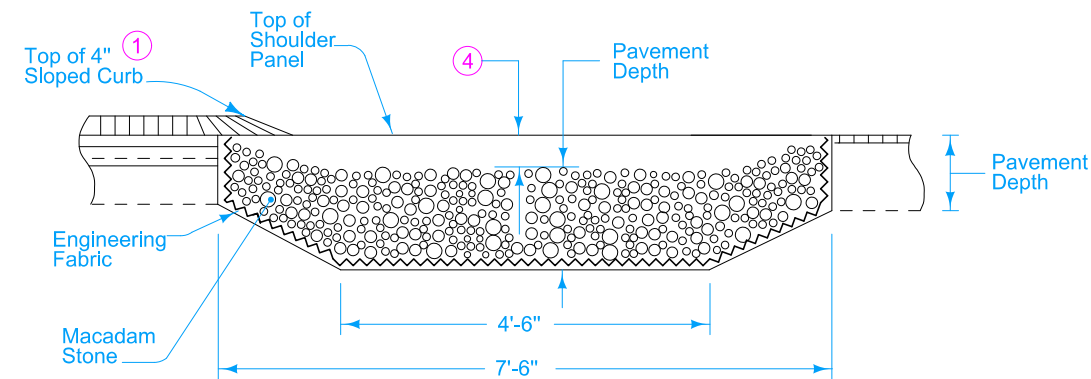
REVISIONS: Added reference to BA-202 in note 2.



APPROVED BY DESIGN METHODS ENGINEER

## ROCK FLUME FOR BRIDGE END DRAIN



- ① Continue 4 inch sloped curb to edge of flume per section B-B. Refer to [BR-201](#), [BR-202](#), [BR-203](#), [BR-204](#), or [BR-205](#) for details of 4 inch curb.
- ③ Extend flume to toe of backslope. If no backslope exists, extend rock flume a minimum of 4 feet beyond the toe of foreslope.
- ④ Transitions from 2 inches at edge of pavement to 8 inches within 3 feet.
- ⑤ Transition the flume flow line depth from 8 inches at the toe of slope to 0 inches with an approximate transition rate of 2 inches per 1 foot horizontal.



 <b>IOWA DOT</b>	REVISION	
	7	04-16-24
	<b>DR-402</b>	
	SHEET 2 of 2	
<b>STANDARD ROAD PLAN</b>		
REVISIONS:      Added reference to BA-202 in note 2.		
		
APPROVED BY DESIGN METHODS ENGINEER		
<div>ROCK FLUME FOR BRIDGE END DRAIN</div>		