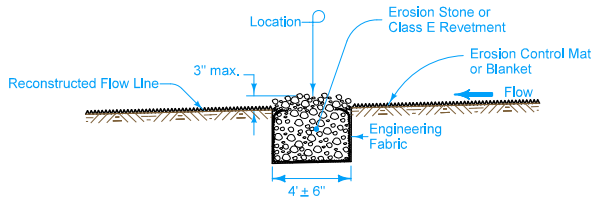
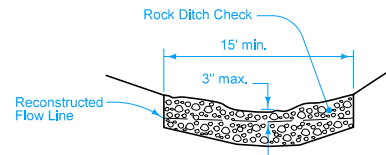


EXCAVATION SECTION



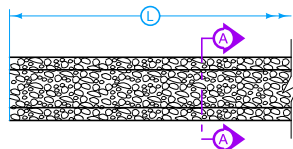
LONGITUDINAL SECTION AT CENTERLINE OF DITCH

**TYPE 1
(Rock Ditch Check)**

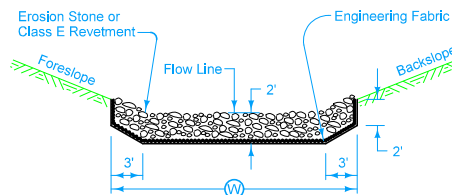


DITCH CHECK SECTION

Class 10 excavation required to install Rock Erosion Control is incidental and will not be paid for separately.

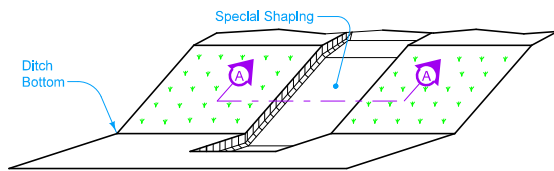


PLAN

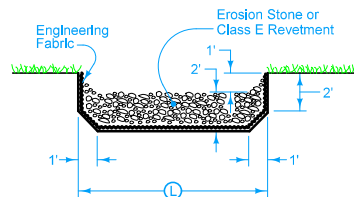


SECTION A-A

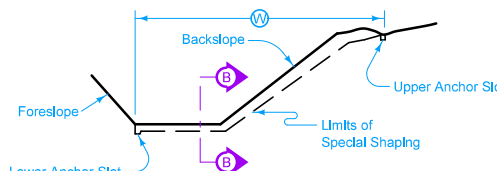
**TYPE 2
(Rock Ditch)**



ISOMETRIC VIEW



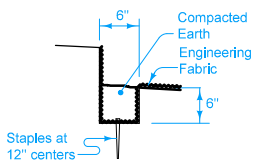
SECTION A-A



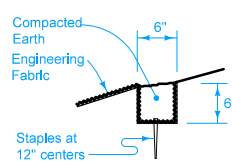
TYPICAL SECTION

Possible Contract Items:
Erosion Stone
Class E Revetment
Engineering Fabric

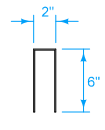
Possible Tabulation:
100-23



LOWER ANCHOR SLOT

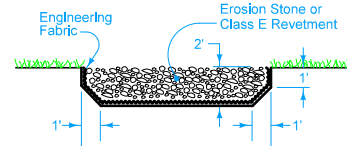


UPPER ANCHOR SLOT



**STAPLE
(No. 11 wire)**

**TYPE 3
(Rock Flume)**



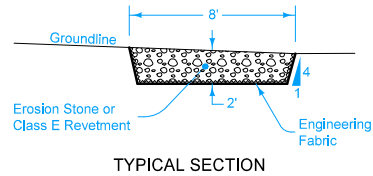
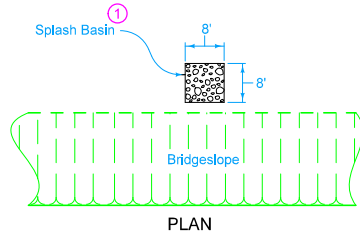
SECTION B-B

 STANDARD ROAD PLAN	REVISION
	1 10-18-16
	EC-301
SHEET 1 of 2	

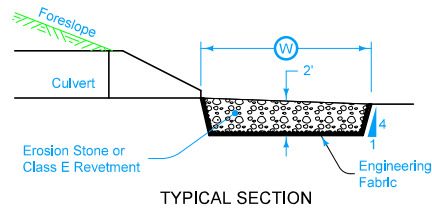
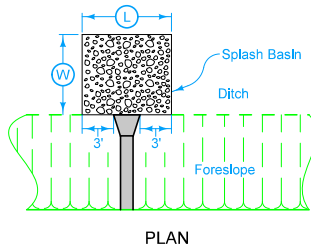
REVISIONS: Modified details for Type 3 and Type 4 Installations. Deleted old note 2 and renumbered old note 3 as note 2. Added Designer Info button.

Brian Smith
APPROVED BY DESIGN METHODS ENGINEER

**ROCK EROSION CONTROL
(REC)**



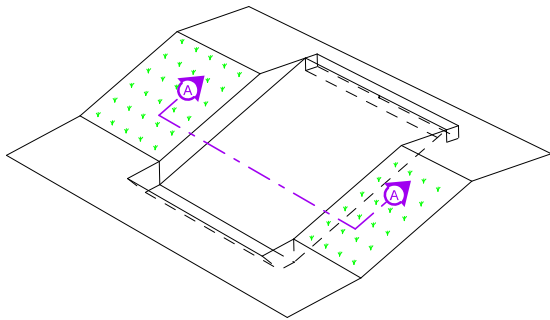
SPLASH BASIN UNDER BRIDGE DRAIN



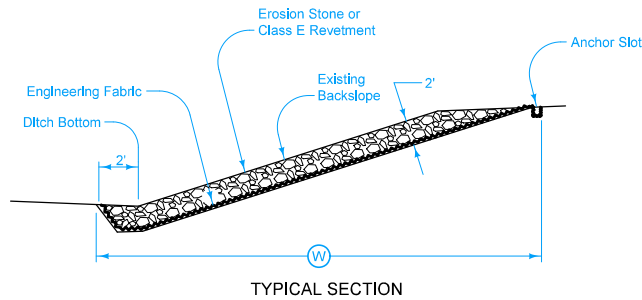
SPLASH BASIN AT PIPE CULVERT OUTLET

TYPE 4
(Rock Splash Basin)

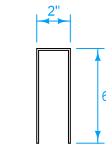
- ① Center splash basin directly under bridge drain.
- ② Staples at 12 inch centers.



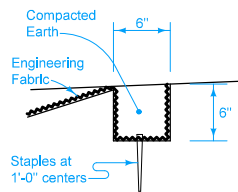
ISOMETRIC VIEW



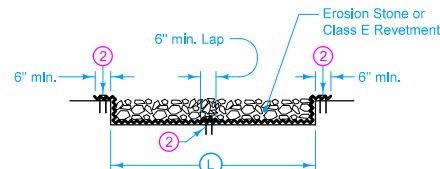
TYPICAL SECTION



STAPLE
(No. 11 wire)



ANCHOR SLOT



SECTION A-A

TYPE 5
(Rock Slope Protection)

IOWA DOT	REVISION
	1 10-18-16
	STANDARD ROAD PLAN
EC-301	
SHEET 2 of 2	

REVISIONS: Modified details for Type 3 and Type 4 Installations. Deleted old note 2 and renumbered old note 3 as note 2. Added Designer Info button.

Brian Smith
APPROVED BY DESIGN METHODS ENGINEER

**ROCK EROSION CONTROL
(REC)**