

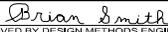
PLAN VIEW OF BRIDGE BERM (BARNROOF FORESLOPE)

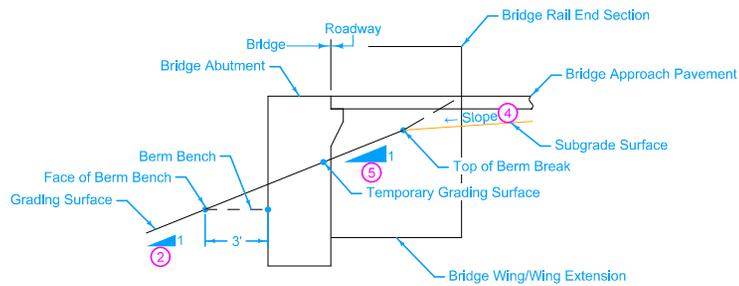
Grading Surface:
Refer to berm slope location table in project plans for locations of A, B, C, W and possible other points.

The cost of removal, stockpiling and placement of macadam stone shall be considered incidental to "Paved Shoulder, P.C. Concrete".

- ① Special shaping.
- ② Face of Bridge Berm slope may vary and is determined by the A and B points. Slope is normally 2.5:1 or flatter.
- ③ Refer to contract documents for limits of the slope protection.

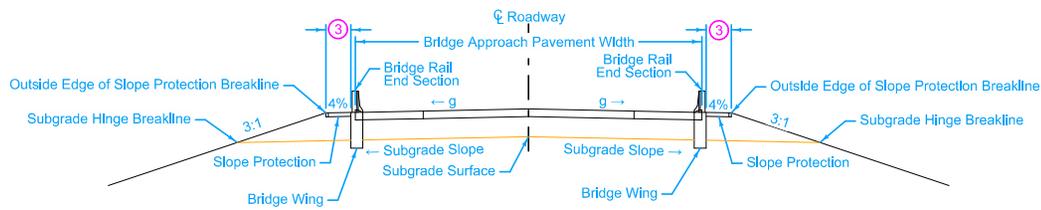
Possible Tabulation: 104-9

 STANDARD ROAD PLAN	REVISION 3 10-21-14
	EW-204 SHEET 1 of 5
REVISIONS: Corrected spelling of "removal" on page 1. Changed label from Bridge Endpost to Bridge Rail End Section.	
 APPROVED BY DESIGN METHODS ENGINEER	
BRIDGE BERM GRADING WITH RECOVERABLE SLOPE (BARNROOF SECTION)	

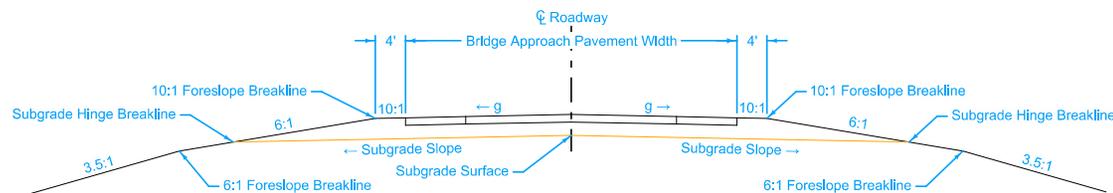


SECTION C-C

- ② Bridge Berm slope may vary and is determined by the A and B points. Slope is normally 2.5:1 or flatter.
 - ③ Refer to contract documents for limits of the slope protection.
 - ④ Refer to **RK series** for longitudinal subgrade slope.
 - ⑤ Temporary grading slope.
- g = pavement cross slope.

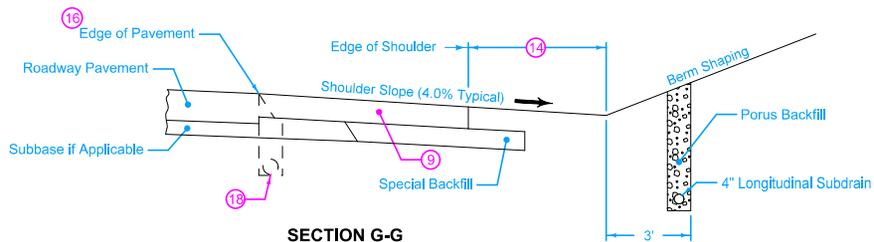


SECTION B-B

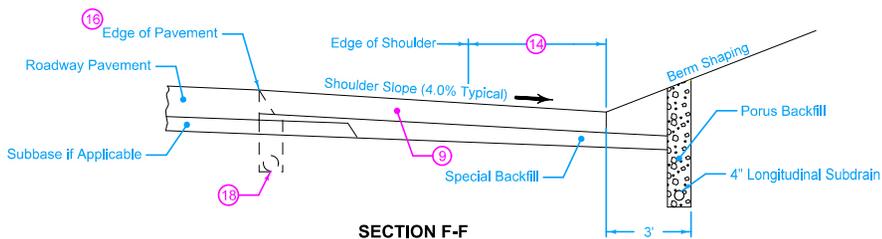


SECTION A-A

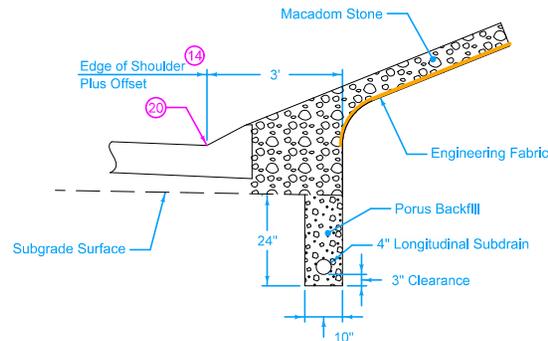
 STANDARD ROAD PLAN	REVISION
	3 10-21-14
	EW-204
SHEET 2 of 5	
<small>REVISIONS: Corrected spelling of 'removal' on page 1. Changed label from Bridge Endpost to Bridge Rail End Section.</small>	
 <small>APPROVED BY DESIGN METHODS ENGINEER</small>	
BRIDGE BERM GRADING WITH RECOVERABLE SLOPE (BARNROOF SECTION)	



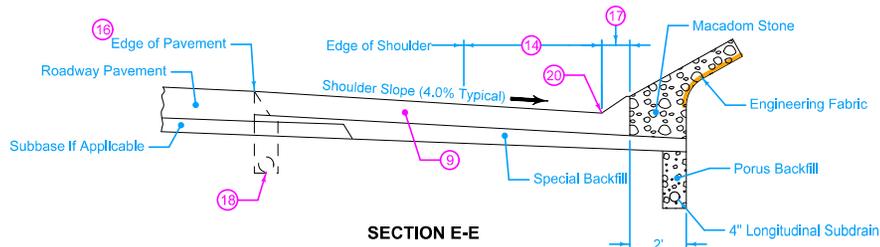
SECTION G-G



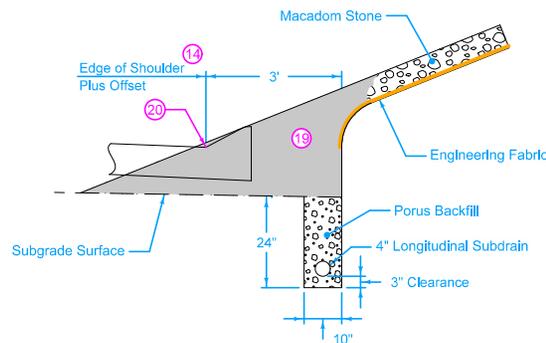
SECTION F-F



PARTIAL SECTION E-E
As constructed by others



SECTION E-E

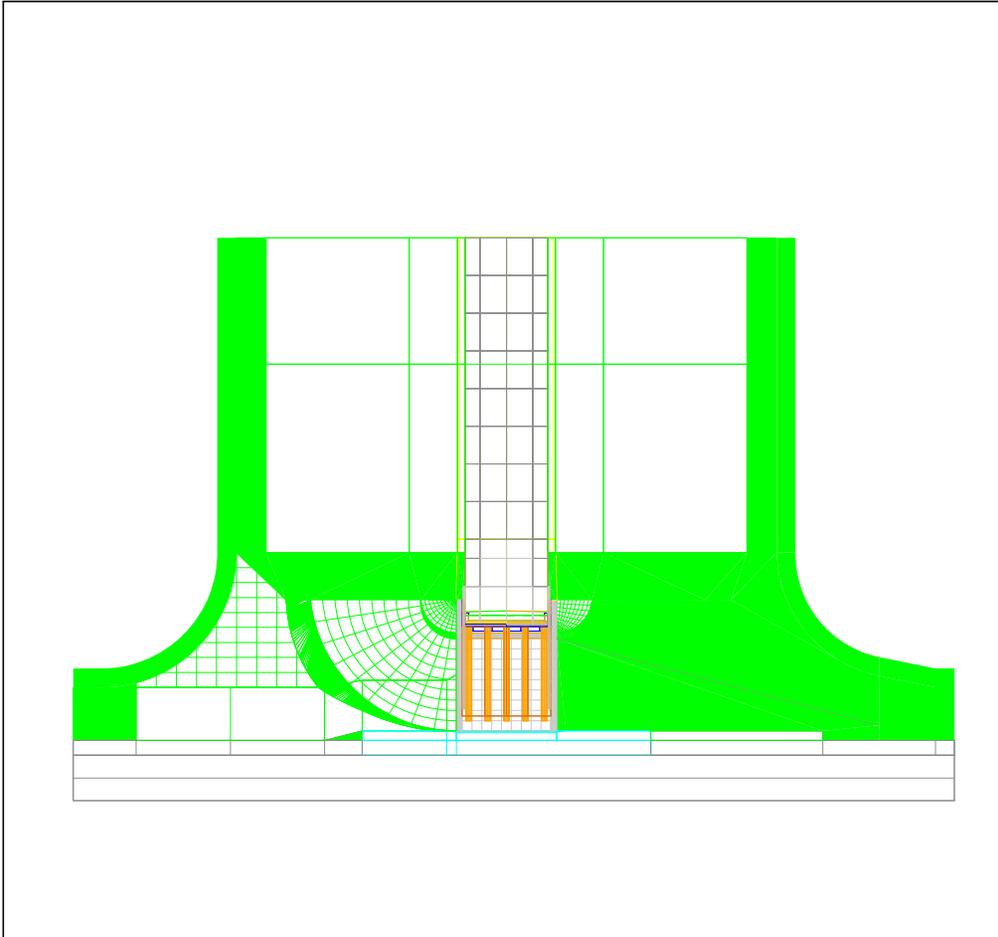


PARTIAL SECTION E-E
Proposed construction

- 9 See typical cross-sections for details of paved shoulder.
- 14 5' offset unless otherwise noted on the Bridge Situation Plan, 4' offset minimum.
- 16 If roadway pavement is newly-constructed PCC, use BT-1 or BT-2 joint. If roadway pavement is existing PCC, use BT-3, BT-4, or BT-5 joint. Refer to PV-101 joint details.
- 17 6" sloped curb. Refer to PV-102 curb details.
- 18 Roadway subdrain location. Use caution when excavating. Maintain porus material in trench to bottom of roadway pavement.
- 19 Remove and stockpile macadam stone. Carefully separate the macadam stone from the surrounding soil. Preserve the integrity of the engineering fabric.
- 20 Toe of the berm. Refer to A Points on the berm slope location table.

 STANDARD ROAD PLAN	REVISION
	3 10-21-14
	EW-204
SHEET 4 of 5	
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BRIDGE BERM GRADING WITH RECOVERABLE SLOPE (BARNROOF SECTION)	

This image can be viewed in 3D on the the ERL or at our website <http://www.iowadot.gov/design/stdrdpln.htm>



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	REVISION	
	3	10-21-14
STANDARD ROAD PLAN	EW-204	
	SHEET 5 of 5	
REVISIONS: Corrected spelling of 'removal' on page 1. Changed label from Bridge Endpost to Bridge Rail End Section.		
<i>Brian Smith</i> APPROVED BY DESIGN METHODS ENGINEER		
BRIDGE BERM GRADING WITH RECOVERABLE SLOPE (BARNROOF SECTION)		