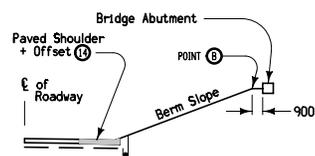
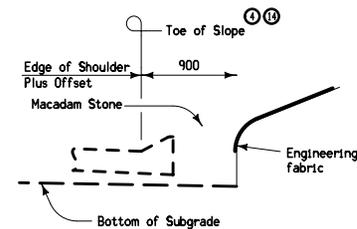


PLAN VIEW OF BRIDGE BERM AREA

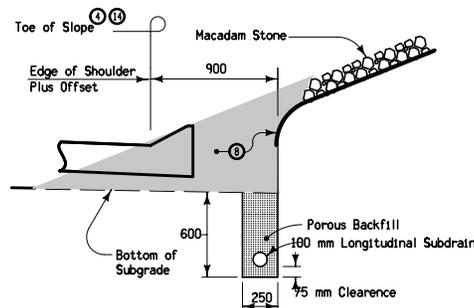


SECTION A-A



PARTIAL SECTION A-A

As constructed by others



PARTIAL SECTION A-A

Proposed construction

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

For additional information, refer to the Bridge Situation Plan.

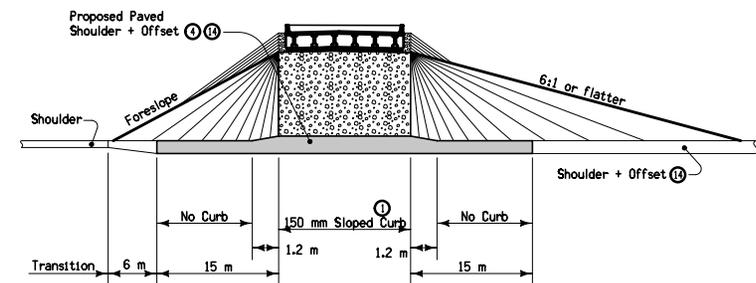
- ① Width of bridge slab + 900 mm on each side. Build 150 mm sloped curb to this width.
- ② Foreslope transition for bridge. Refer to Typical 4303.
- ③ Continue shoulder slope through crosshatched area.
- ④ Refer to typical cross-sections for details of paved shoulder.
- ⑤ If roadway pavement is newly-constructed 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-1.
- ⑥ 150 mm sloped curb. Refer to Typical 6128.
- ⑦ Roadway subdrain location. Use caution when excavating. Maintain porous material in trench to bottom of roadway pavement.
- ⑧ Remove and stockpile macadam stone. Carefully separate the macadam stone from the surrounding soil. Preserve the integrity of the engineering fabric.
- ⑨ Place clean macadam stone from stockpile.
- ⑩ Approximate location of bridge berm subdrain.
- ⑪ RF-19E subdrain outlet. When flow of subdrain does not require an outlet at both ends, cap the end without an outlet in a method approved by the Engineer.
- ⑫ 2 x (shoulder width).
- ⑬ "X" distance based on station difference between points C2 and C3.
- ⑭ 1.5 meter offset unless otherwise noted on the Bridge Situation Plan. 1.2 meter offset minimum.
- ⑮ Point 'A' is the toe of the berm as shown in the Berm Slope Location Table.

Possible Contract Items:

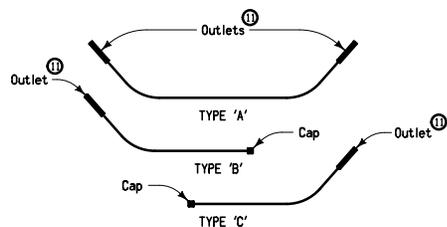
- Longitudinal Subdrain (Shoulder), 100 mm
- Subdrain Outlet, RF-19E
- Paved Shoulder, P.C. Concrete
- Special Backfill

Possible Tabulation: 104-9

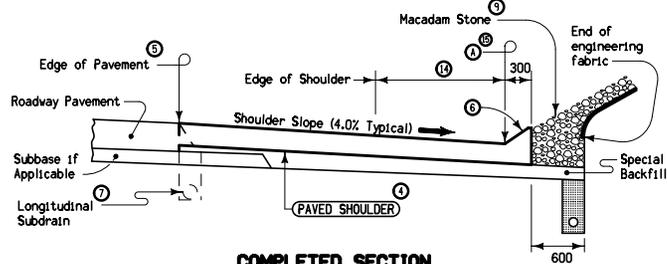
All dimensions given in millimeters unless noted.



SIDE VIEW BENEATH BRIDGE



SUBDRAIN LAYOUT TYPES



COMPLETED SECTION

METRIC VERSION	 Iowa Department of Transportation	REVISION
		3 04-20-10
	<b>STANDARD ROAD PLAN</b>	<b>RL-15</b>
	<small>REVISIONS: Updated references to renamed standards.</small> <i>Deanna Mihoff</i> <small>APPROVED BY DESIGN METHODS ENGINEER</small>	SHEET 1 of 1
<b>BRIDGE BERM GRADING WITH RECOVERABLE SLOPE</b>		