

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 RH-41 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 RH-51.
- 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.

Contract Items:

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

Tabulation: 104-9

All dimensions given in millimeters unless noted.

M		Iowa Department of Transportation		REVISION		
				2	10-16-07	
		STANDARD ROAD PLAN	RL-15			
SHEET 1 of 1						
METRIC VERSION	REVISIONS: Renamed standard. Simplified profiles of berm transitions. Added shoulder offset.					
	<i>Deanna Mayfield</i>					
	APPROVED BY DESIGN METHODS ENGINEER					
BRIDGE BERM GRADING WITH RECOVERABLE SLOPE						