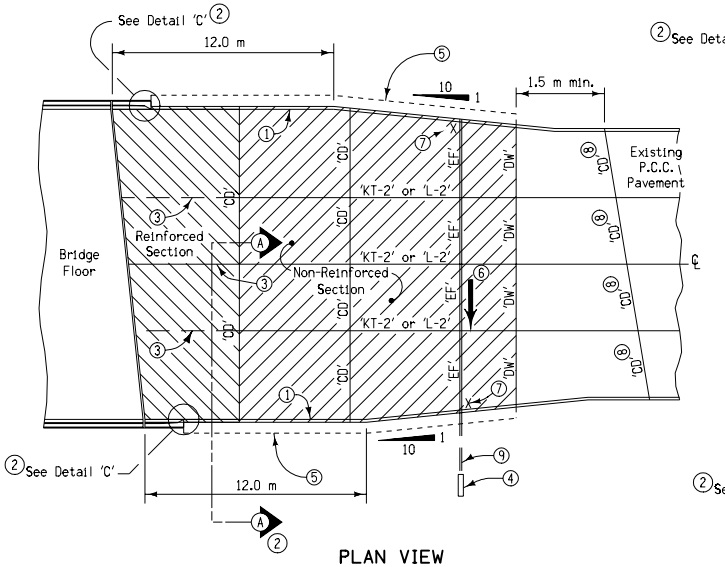
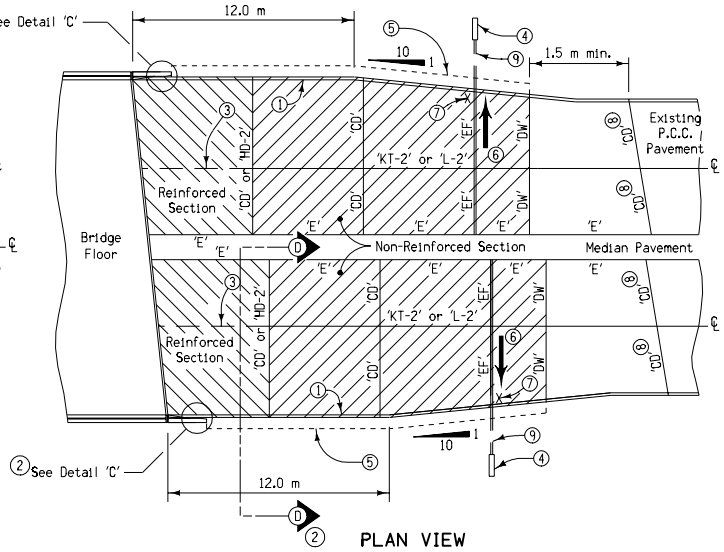
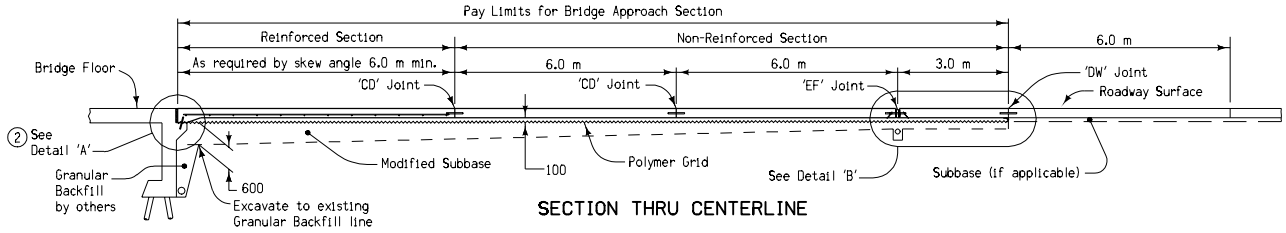


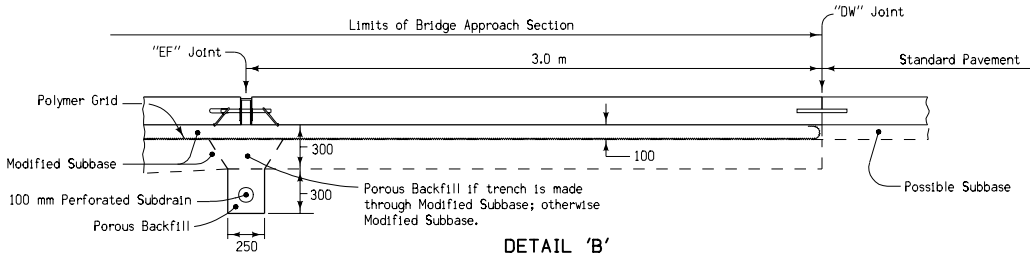
PLAN VIEW



PLAN VIEW



SECTION THRU CENTERLINE



DETAIL 'B'

For additional information, see Standard Road Plans RH-50, RH-51, RH-52, and RF-19E.

GENERAL NOTES:

The intent of this plan is to detail the construction of a PCC Bridge Approach Section abutting new PCC multi-lane roadway. The length of this section shall be 21.0 meters or greater.

The following items shall be considered incidental to and included in the price bid for "Bridge Approach Section".

- Furnishing and installing reinforcing steel, tie bars and dowel assemblies.
- Excavation for Modified Subbase
- Furnishing and installing Subdrain
- Furnishing and placing Porous Backfill
- Furnishing and installing Subdrain Outlet
- Furnishing and installing Polymer Grid
- Furnishing and Backfilling with Modified Subbase
- Placing, finishing, texturing, transverse grooving, curing, all joint construction and all other materials and labor to construct the "Bridge Approach Section" as detailed on the sheet.

1. Build 150 millimeter curb as shown by extending bridge gutter line 12 meters.
2. For Section A–A, Section D–D, Detail 'A', and Detail 'C', see Standard Road Plan RK–19A.
3. Longitudinal joint
   Single Pour – Saw cut joint per Detail B on Standard Road Plan RH–51.
   Two Pours – Use 'KS' Joint.
4. See Standard Road Plan RF–19E for outlet details.
5. Excavation limits of Modified Subbase 0.6 meters outside of pavement edge, see Standard Road Plan RK–19A.
6. Slope subdrain to drain.
7. An "X" shall be placed in the plastic concrete near the 'EF' joint at the outside edge of pavement.
8. 'CD' joints required up to 90 meters each way from end of Reinforced Bridge Approach Section.
9. 100 millimeter perforated subdrain (polyethylene, corrugated tubing).

All dimensions given in millimeters unless noted.

M

Iowa Department of Transportation
Highway Division

METRIC VERSION

STANDARD ROAD PLAN | **RK-19D**

REVISION: Removed option to use granular subbase.

REVISION NO.	REVISION DATE
10	10-29-02

William J. Stein
APPROVED BY DESIGN METHODS ENGINEER

BRIDGE APPROACH SECTION
(MULTI-LANE, P.C.C. PAVEMENT, CURBED ROADWAY)