EDGEDRAIN DETAILS

Option #1: Trench before permeable base is placed
Option #2: Trench after permeable base is placed

BENT BAR DETAILS

Note: Bent bar dimensions are given cut to cut.

(Two Required)
C2 Bar (Centered)

(One Required)
C1 Bar

PRECAST CONCRETE HEADWALL

RODENT SCREEN: The rodent screen shall be fabricated from flattened expanded metal with screen openings of approximately 0.25 square inches. The screen shall be 16 ga metal, hot dip galvanized after fabrication.

REINFORCING BARS: Reinforcing bars shall be No. 4 deformed steel bars.

SUPERELEVATED CURVES: The edgerain outlets, and headwalls shall be omitted from the high side of superelevated curves.

TYPICAL EDGEDRAIN INSTALLATION

Section A-A shows edgerain location for median concrete shoulder installations on Interstate highways. For installations where asphalt shoulders will be constructed, or the outside shoulder is to be concrete, the edgerain is to be trenched adjacent to the roadway concrete pavement, and will be located beneath the shoulder pavement.

This document was originally issued and sealed by Roger Wegel, Registration Number PE, 2930, on 10/27/2010 and the original document is stored at the North Dakota Department of Transportation.