



QUANTITIES CALC. BY: CHECKED BY: ___ QUANTITY CALCULATIONS ARE ON FILE AT THE DISTRICT 4 OFFICE; BUREAU OF PROJECT IMPLEMENTATION; DOCUMENTATION SECTION

01-01-97 RENUM. H-1.04, NEW REVISION BOX, REVISED TITLE T.P. BOX, REVISED DESIGNER NOTES, ADDED QUANTITY STATE OF ILLINOIS CALCULATION BOX 10-16-06 REVISED TO 2007 SPEC.

DEPARTMENT OF TRANSPORTATION

unless otherwise noted. SLOPE DRAIN DETAILS FOR BURIED PIPES

COUNTY TOTAL SHEETS NO. SECTION 534 1098 (BR-2), 1098 (BR-3) HENDERSON 88 69 CONTRACT NO. 68083 CADD STD. 601101-D4 FED. ROAD DIST. NO. | ILLINOIS FED. AID PROJECT

All dimensions are in inches (millimeters)

Metal end section (Standard 542401)

GENERAL NOTES

24 (600)

_24

(600)

TYPICAL SECTION

24(600)min.

4'(1.2m)

6(150)min.

Pipe Drain 12(300)

Seepage Collar; 100'(30m) spacing or at midpoint

NOT TO SCALE

1. The material for Pipe Drains shall be bituminous coated galvanized corrugated steel culvert pipe or bituminous coated corrugated aluminum alloy pipe in accordance with Article 601.02(f) or 601.02(i).

Cast in place thrust block

 $24D \times 36W \times 4'H$

(600D × 900W × 1.2mH)

0.9 cu. yd. Class SI Concrete

2. An approved mastic material (Article 1055,01) shall be applied to the inside of the connecting bands.