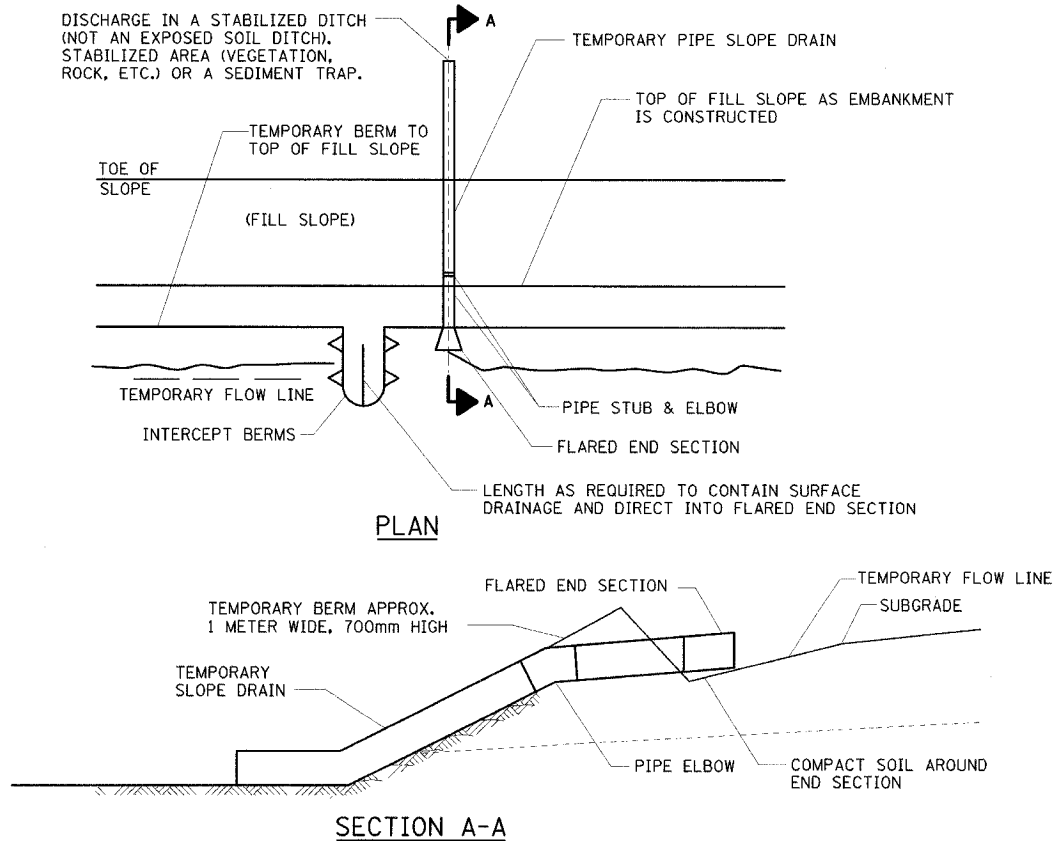


FAI RY	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80/94	0203.1B	COOK	200	44
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			

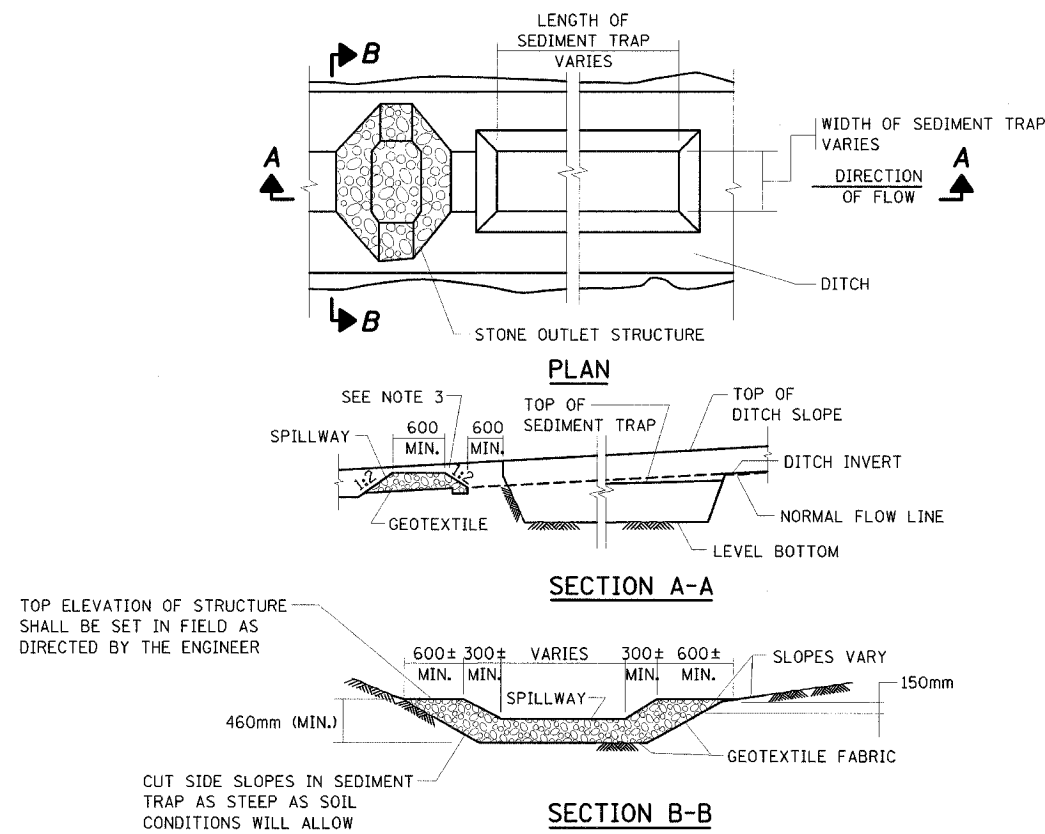


FOR ALL SLOPES
 TEMPORARY SLOPE DRAIN SHALL BE USED AT THE TOP OF FILL SLOPE AS EMBANKMENT IS CONSTRUCTED TO PREVENT EXCESSIVE EROSION UNTIL SHOULDERS ARE CONSTRUCTED AND THE SLOPES ARE SEEDING AND MULCHED.

**EROSION CONTROL
 TEMPORARY PIPE SLOPE DRAIN**

GENERAL NOTES:

1. ALL DIMENSIONS AND LOCATIONS NOT INDICATED. FOR ITEMS APPEARING ON THIS SHEET OR ON THE PLANS SHALL BE DIRECTED BY THE ENGINEER.
2. THE CONTRACTOR SHALL PLACE GEOTEXTILE AROUND THE METAL END SECTION TO PREVENT BLOW-OUTS.
3. ALL TEMPORARY SLOPE DRAINS WILL DISCHARGE INTO THE BACK OF SEDIMENT TRAPS, INTO SEDIMENT BASINS OR DITCHES DISCHARGING INTO TRAPS OR BASINS. SEDIMENT TRAPS ARE INCLUDED IN THE COST OF TEMPORARY PIPE SLOPE DRAIN.
4. PIPE WILL BE SECURED THROUGH USE OF HOLD DOWN STAKES WITH A MAXIMUM SPACING OF 3 METERS.
5. TEMPORARY PIPE SLOPE DRAINS WILL BE SPACED A MAX. OF EVERY 150 METERS ALONG THE FILL WITH A STANDARD DIA. OF 450mm. THIS PIPE SIZE IS ADEQUATE TO HANDLE 0.6 HECTARES OF CONTRIBUTING AREA. SPACING OR SIZE TO BE ADJUSTED IF CONTRIBUTING AREA IS LARGER THAN 0.6 HECTARES. AT LEAST TWO TEMPORARY PIPE SLOPE DRAINS WILL BE PLACED IN EVERY SAG.
6. STAPLES SHALL BE USED TO ANCHOR THE FILTER FABRIC AND SHALL BE UNIFORMLY SPACED AT APPROXIMATELY 300mm.



1. USE IN EXISTING, PROPOSED AND TEMPORARY DITCHES OF ALL TYPES AS SHOWN ON PLANS OR AS DIRECTED BY THE ENGINEER.
2. THE STONE OUTLET STRUCTURES SHALL BE REPLACED DUE TO WASHOUT, CONSTRUCTION TRAFFIC DAMAGE OR SILT ACCUMULATION. THE SILT SHALL BE CLEANED WHEN THE TRAP IS 50% FULL.
3. THIS WORK WILL BE PAID FOR UNDER THE FOLLOWING ITEMS: EARTH EXCAVATION FOR EROSION CONTROL, STONE RIPRAP, CLASS A4 FILTER FABRIC FOR USE WITH RIPRAP.

STONE OUTLET STRUCTURE SEDIMENT TRAP
 USE AS DIRECTED BY ENGINEER

DRAINAGE AREA	L	W	CAPACITY CM
0.2ha	23m	3m	53
0.4ha	44m	3m	103
0.6ha	44m	4.6m	154
0.80ha	60m	4.6m	207

NOTE:
 ALL DIMENSIONS ARE BASED UPON AN AVERAGE DEPTH OF 760mm AND PROVIDING, AS A MINIMUM 102 CUBIC METERS OF STORAGE PER Ha OF RUNOFF. L AND W ARE MEASURED ALONG THE BOTTOM OF THE TRAP. WHENEVER POSSIBLE, THE MAXIMUM AVERAGE DEPTH OF THE TRAP WILL BE 760mm. THE MAXIMUM DRAINAGE ALLOWED PER TRAP IS 2ha. THE DRAINAGE AREA IS THE TOTAL (INCLUDING OFF-SITE) AREA.

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 I-80/94 WB FLYOVER RAMP
 TO SB IL 394 (RAMP G)
**EROSION AND SEDIMENT CONTROLS
 DETAILS**
 HORIZ SCALE: NONE
 VERT SCALE: NONE
 DATE: MARCH 23, 2005
 DRAWN BY: DKB
 CHECKED BY: MAM
HNTB