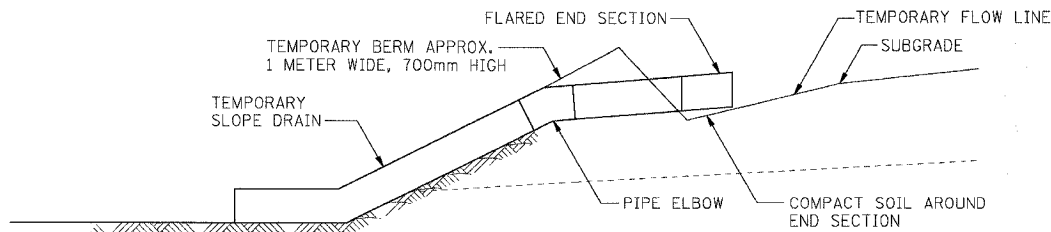
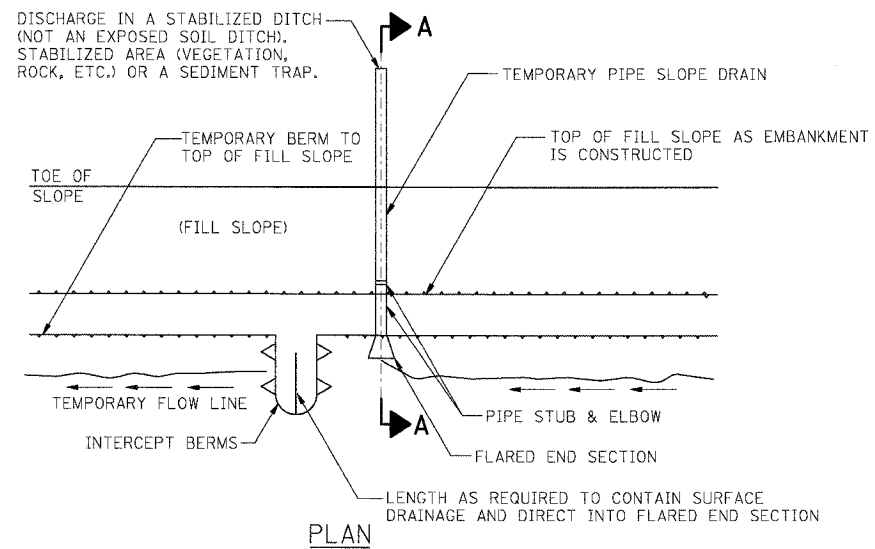


F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80/94		COOK	631	194
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
(2425 & 2626) R-2		CONTRACT NO. 62111		



**SECTION A-A**

FOR ALL SLOPES

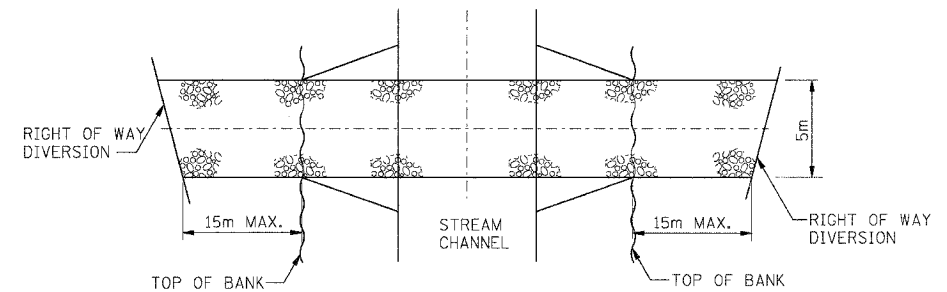
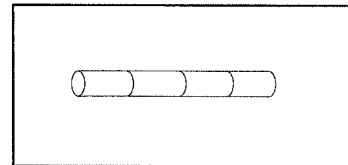
TEMPORARY SLOPE DRAIN SHALL BE USED AT THE TOP OF FILL SLOPE AS EMBANKMENT IS CONSTRUCTED TO PREVENT EXCESSIVE EROSION UNTIL SHOULDERS ARE CONSTRUCTED AND THE SLOPES ARE SEEDED AND MULCHED.

**EROSION CONTROL  
TEMPORARY PIPE SLOPE DRAINS**

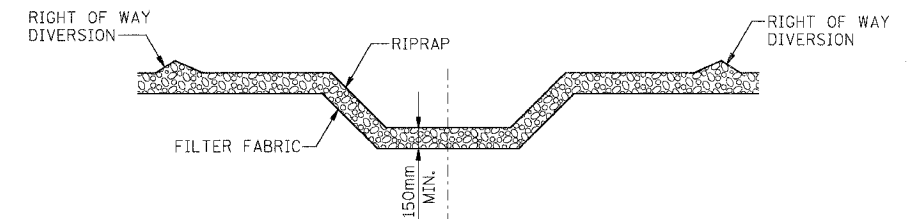
**GENERAL NOTES:**

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.
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.

**STANDARD SYMBOL**



**PLAN VIEW**

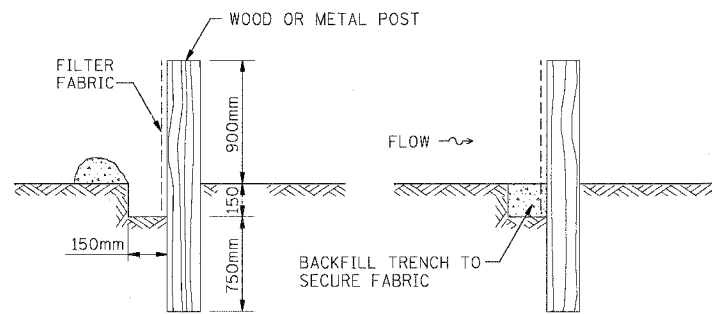


**SECTION**

**TEMPORARY STREAM CROSSING PLAN**

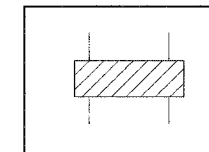
**NOTES:**

1. FILTER FABRIC SHALL MEET THE REQUIREMENTS OF MATERIAL SPECIFICATION 1080.03 - FILTER FABRIC FOR USE WITH RIPRAP AND SHALL BE PLACED OVER THE CLEARED AREA PRIOR TO THE PLACING ROCK.
2. ROCK OR RECLAIMED CONCRETE SHALL MEET EROSION & SEDIMENT CONTROL RIPRAP, GRADATION 3.
3. THE STREAM CROSSING SHALL BE MADE AS PERPENDICULAR TO THE CENTERLINE OF THE STREAM AS POSSIBLE.
4. THE CROSSING SHALL BE REMOVED IMMEDIATELY WHEN NO LONGER NEEDED AND THE STREAM CHANNEL RESTORED TO ITS ORIGINAL CROSS SECTION.
5. WHEN THE STREAM HAS BASEFLOW, IT IS RECOMMENDED THAT A TEMPORARY PIPE BE INSTALLED IN THE BOTTOM OF THE CROSSING AND ADDITIONAL RIPRAP BE PLACED OVER THE PIPE TO PROTECT THE PIPE FROM CONSTRUCTION TRAFFIC.



**SILT FILTER FENCE DITCH CHECK**

**STANDARD SYMBOL**



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
F.A.I. ROUTE 80/94 (KINGERY EXPRESSWAY)  
EB & WB INSIDE LANES (MAINLINE) CONSTRUCTION  
COOK COUNTY

**EROSION AND SEDIMENT CONTROL  
TEMPORARY PIPE SLOPE DRAINS AND  
TEMPORARY STREAM CROSSING DETAILS**

SCALE: NONE  
DATE: 8/22/05  
DRAWN BY: SN  
CHECKED BY: MD

**TENG**  
TENG & ASSOCIATES, INC.  
ENGINEERS/ARCHITECTS/PLANNERS  
CHICAGO, ILLINOIS

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