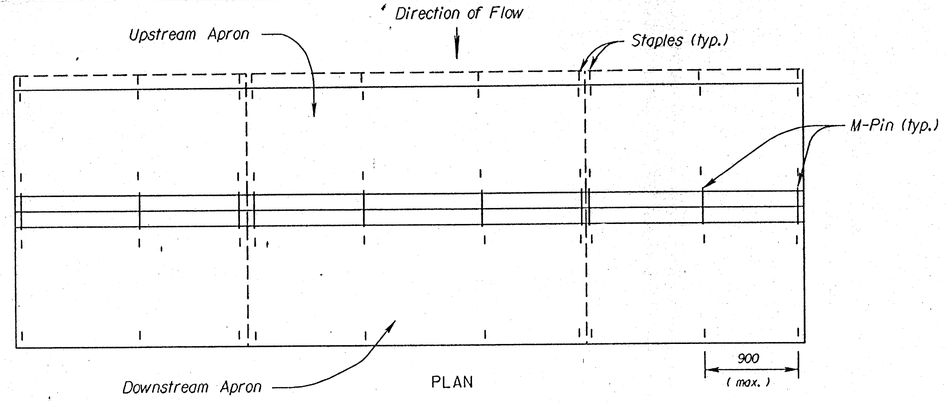
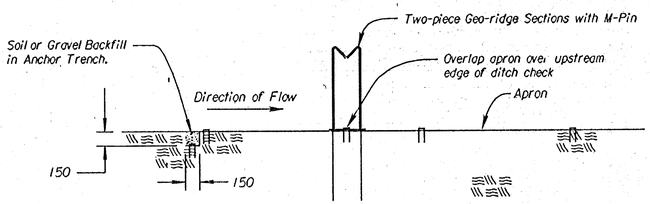
FHWA REGION NO.	STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
7	KANSAS	87 N-0230-01	2003	46	73



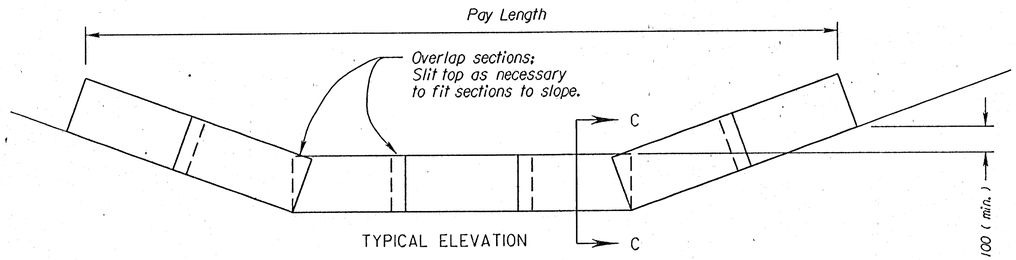
PLAN

GEO-RIDGE PERMEABLE BERM NOTES

1. Overlap Geo-ridge Berm sections and apron material by 150 mm.
2. Use M-Pins supplied by manufacturer to secure Geo-ridge Berm sections.
3. Use as many Geo-ridge Berm sections as necessary to insure water does not flow around end of ditch check.
5. Use silt fence material as the apron to prevent scour above and below the ditch check.
4. Wire Staples shall be 150 mm long by 25 mm wide, minimum.



SECTION C - C



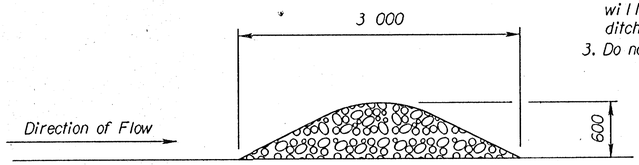
TYPICAL ELEVATION

GEO-RIDGE PERMEABLE BERM DITCH CHECK

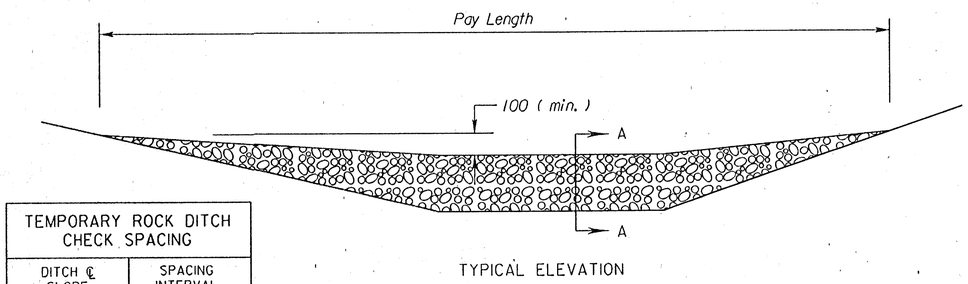
NO SCALE

ROCK DITCH CHECK NOTES:

1. Rock shall be clean aggregate, D50 = 150 mm.
2. Place rock in such manner that water will flow over ditch check, not around ditch check.
3. Do not use rock ditch checks in clear zone.



SECTION A - A

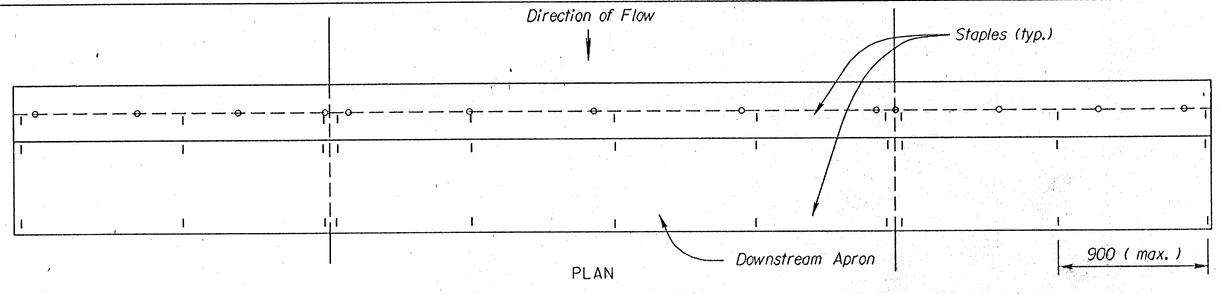


TYPICAL ELEVATION

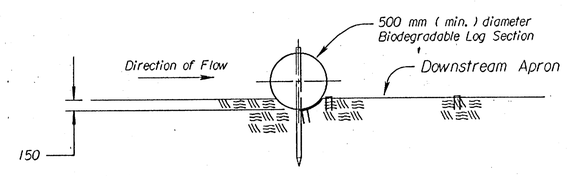
TEMPORARY ROCK DITCH CHECK SPACING	
DITCH ℄ SLOPE (%)	SPACING INTERVAL (METERS)
5.0	18
6.0	15
7.0	13
8.0	11
9.0	10
10.0	9
NOTE: Use this spacing only for Rock Ditch Checks.	

ROCK DITCH CHECK

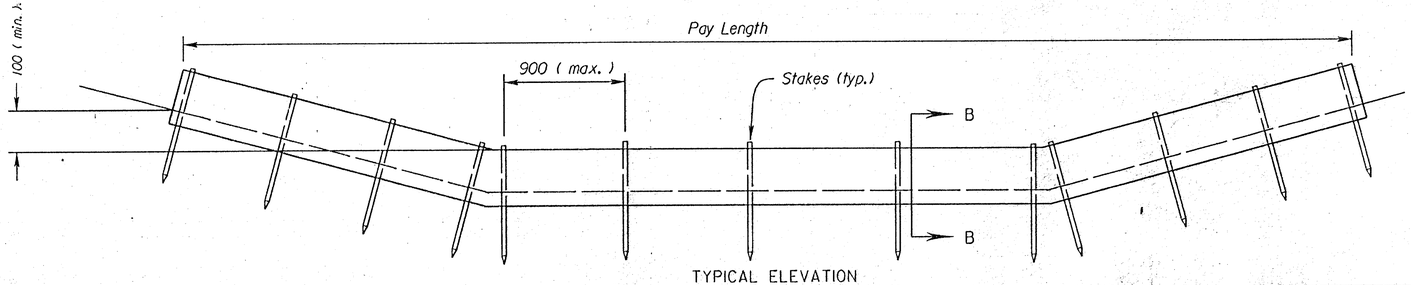
NO SCALE



PLAN



SECTION B - B



TYPICAL ELEVATION

BIODEGRADABLE LOG DIKE NOTES

1. Place biodegradable logs tightly together, with apron material overlapping end-to-end by 150 mm.
2. Wire staples shall be 150 mm long by 25 mm wide, minimum.
3. Use as many biodegradable log sections as necessary to insure water does not flow around end of ditch check.
4. Wood stakes shall be 50 mm x 50 mm (nom.) x 1 200 mm (min.) long.
5. Use silt fence material as the downstream apron to prevent scour below the ditch check.

BIODEGRADABLE LOG DITCH CHECK

NO SCALE

NO.	DATE	REVISIONS	BY	APP'D
3				
2				
1				

KANSAS DEPARTMENT OF TRANSPORTATION

TEMPORARY EROSION AND POLLUTION CONTROL

ROCK DITCH CHECKS

BIODEGRADABLE LOG DITCH CHECKS

GEO-RIDGE PERMEABLE BERM DITCH CHECKS

LA852G SI

F.H.W.A. APPROVAL		5/20/99	APP'D	Richard D. Ross	
DESIGNED	WCL	DETAILED	WCL	QUANTITIES	TRACED WCL
DESIGN CK.	RDR	DETAIL CK.	RDR	QUAN.CK.	TRACE CK. RDR

Drawn By: untitled
DGN File: $$$$$$$$$$$$$$$$DGNSPEC$$$$$$$$$$$$$$$$
Plotted: 4/28/2004 View= PLOT 1