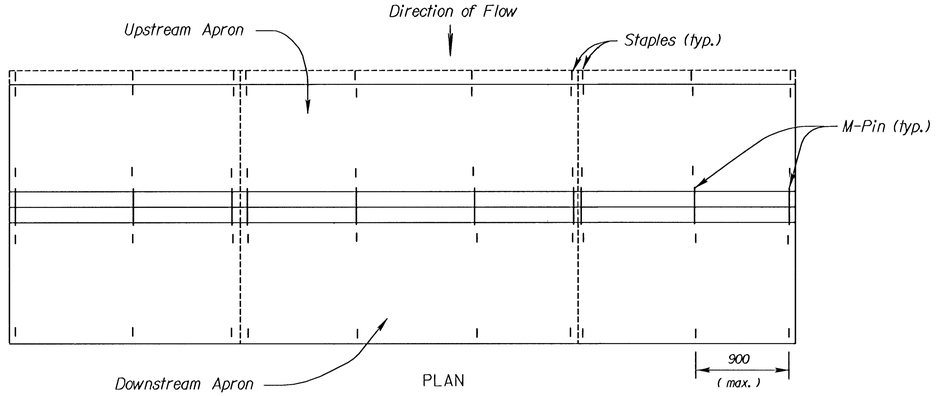
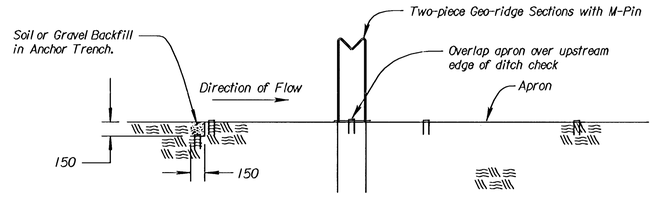
STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	87 N-0203-01	2003	33	48



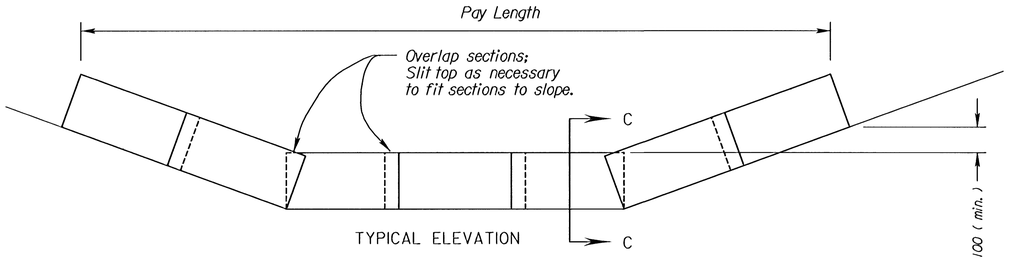
PLAN

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.*



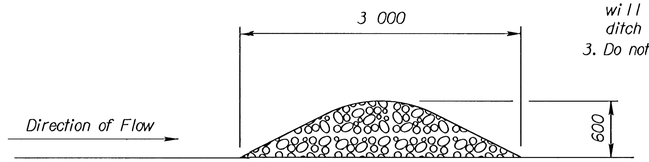
SECTION C - C



TYPICAL ELEVATION

GEO-RIDGE PERMEABLE BERM DITCH CHECK

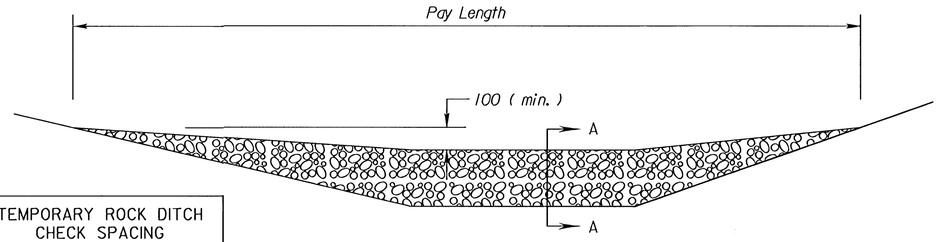
NO SCALE



SECTION A - A

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.*

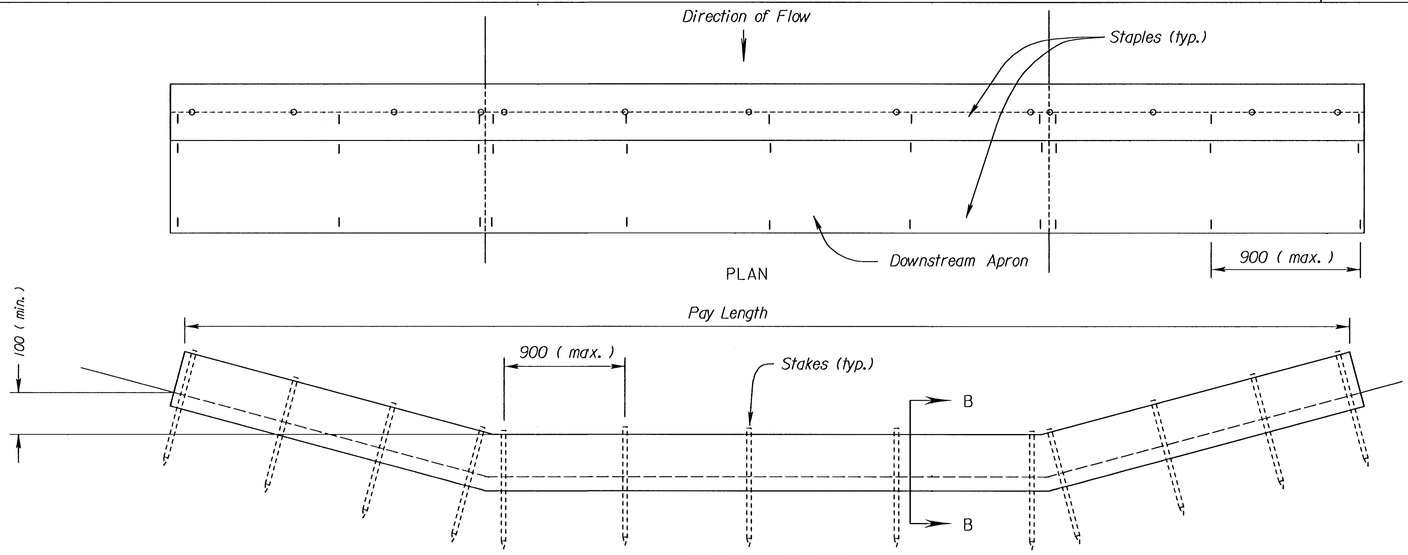


TYPICAL ELEVATION

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.	

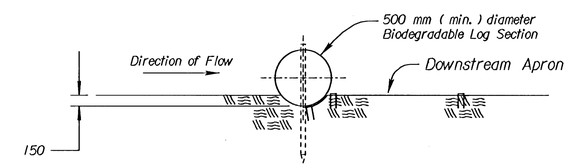
ROCK DITCH CHECK

NO SCALE



PLAN

TYPICAL ELEVATION



SECTION B - B

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 : mark
DGN File : g:\CM\LA\01079\DGN\la852gsi.dgn
Plotted : 07/27/03
View= PLOT 1