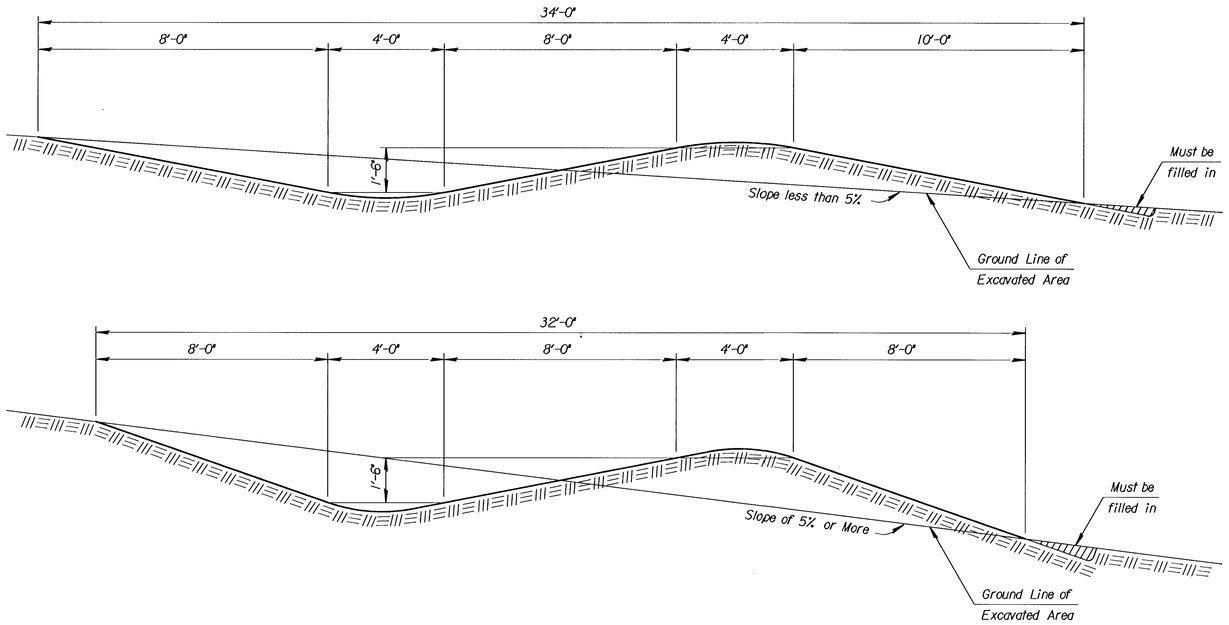
FHWA REGION NO.	STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
7	KANSAS	472-83084	2000	23	58



TYPICAL SECTIONS OF GRADIENT TERRACES

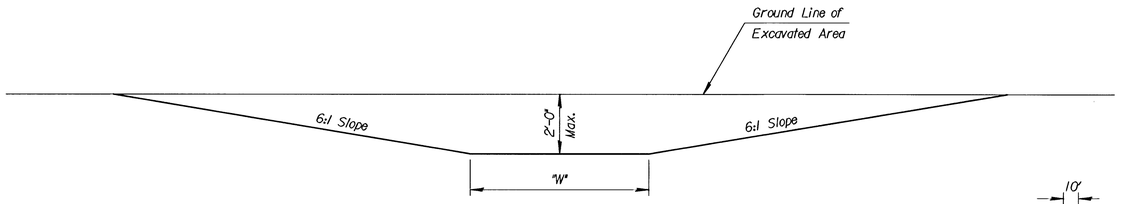
TERRACE SPACING TABLE		
Slope %	Vertical Interval Feet	Horizontal Spacing Feet
1	2.65	265
2	3.30	165
3	3.95	132
4	4.60	115
5	5.25	105
6	5.90	98
7	6.55	94
8	7.20	90

GENERAL NOTE

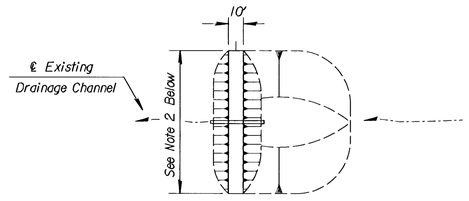
Terraces generally will not be required where the slope of the area is less than 3 percent. They shall be constructed on areas or portions of areas as designated by the Engineer.

Terraces shall be made as nearly parallel as practicable. Gradients for terraces shall vary from 0.1 percent at upper end to 0.4 percent at lower end or a uniform grade may be used.

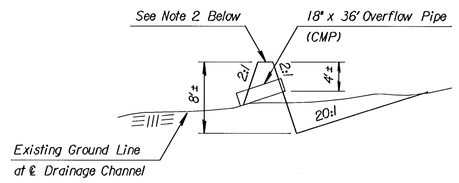
Outlet ditches shall be constructed at locations best suited to empty into a natural stream bed, or if this is not possible, into a road ditch or channel where erosion can be minimized.



TYPICAL SECTION OF OUTLET DITCH



PLAN



PROFILE

TEMPORARY SEDIMENT BASIN

TABLE FOR VALUE OF "W" FOR OUTLET DITCH						
Drainage Area above Dt./Acres	Value of "W" for various % of Ditch Grades					
	3%	4%	5%	6%	7%	8%
2-5	8'	8'	8'	8'	12'	14'
5-8	8'	8'	8'	10'	12'	16'
8-11	8'	8'	8'	10'	12'	16'
11-14	8'	8'	8'	10'	14'	18'
14-17	8'	8'	8'	12'	14'	20'
17-20	8'	8'	8'	12'	14'	24'

NOTES:

1) Temporary Sediment Basins shall be constructed at locations as directed by the Engineer. All work and materials necessary for the construction of Temporary Sediment Basins shall be paid for as the bid item "Temporary Sediment Basin". The 18" (inch) x 36' (foot) overflow pipe will be subsidiary to the bid item "Temporary Sediment Basin". The Temporary Sediment Basins shall be removed by District forces after seeding has been established if desired by the respective land owners.

2) Lengths and top elevations shall be determined in the field by the Engineer.

NOTE:
All dimensions are approximate.

NO.	DATE	REVISIONS	BY	APP'D
3				
2	3/13/97	Revised Note for Temp. Sed. Basin	WCL	RDR
1	2-14-95	Revised Note for Temp. Sed. Basin	WCL	RDR

KANSAS DEPARTMENT OF TRANSPORTATION

TEMPORARY PROJECT WATER POLLUTION CONTROL (SOIL EROSION)

~~LA852B~~

F.H.W.A. APPROVAL		4/02/97	APP'D	Richard D. Ross	
DESIGNED	HLH	DETAILED	WCL	QUANTITIES	TRACED
DESIGN CK.	RDR	DETAIL CK.	RDR	QUAN.CK.	TRACE CK.

Drawn By : $$USERNAME$$
DGN File : $$$$$$$$$$$$DGNSPEC$$$$$$$$$$$$$$$$
Plotted : $$$$$SYTIME$$$$$$ View= PLOT 1