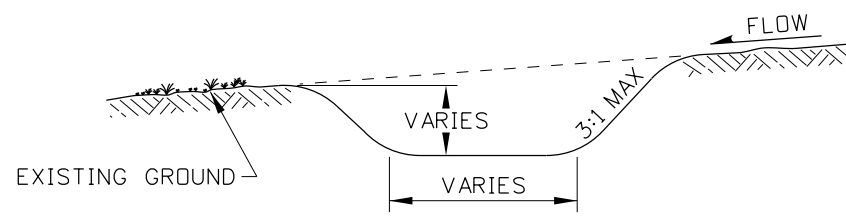
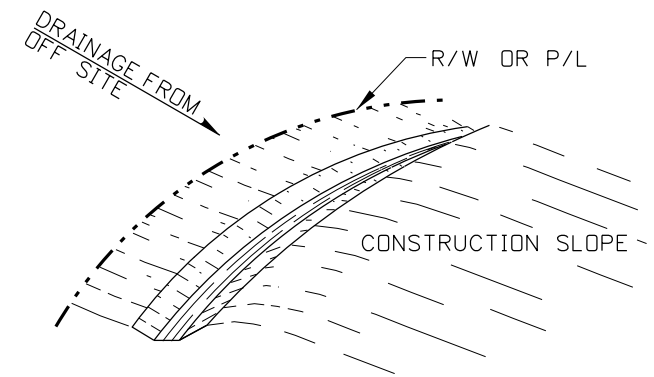


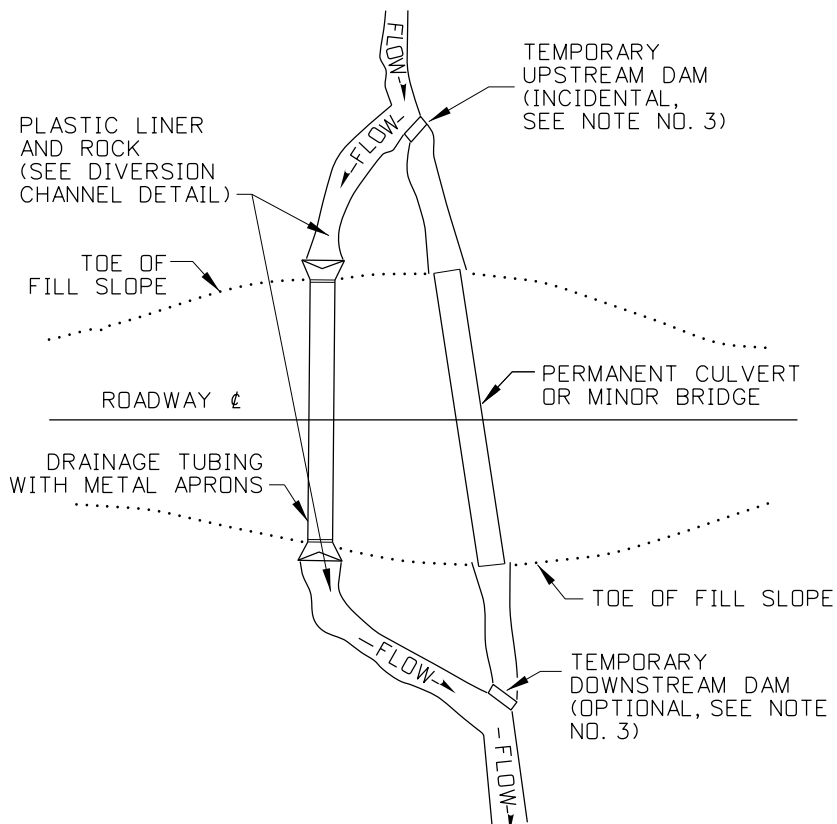
DIVERSION CHANNEL



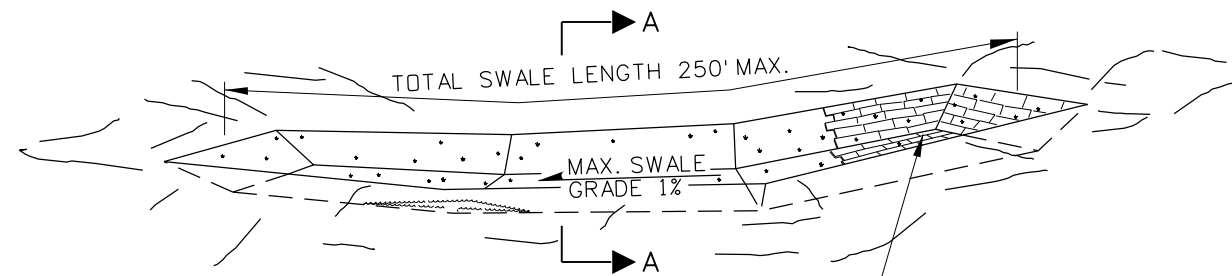
SWALE
 FOR PERIMETER, INTERCEPTOR,
 AND DIVERSION SWALES



PERIMETER SWALE

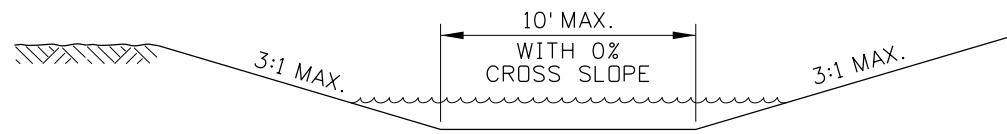


DIVERSION CHANNEL EXAMPLE

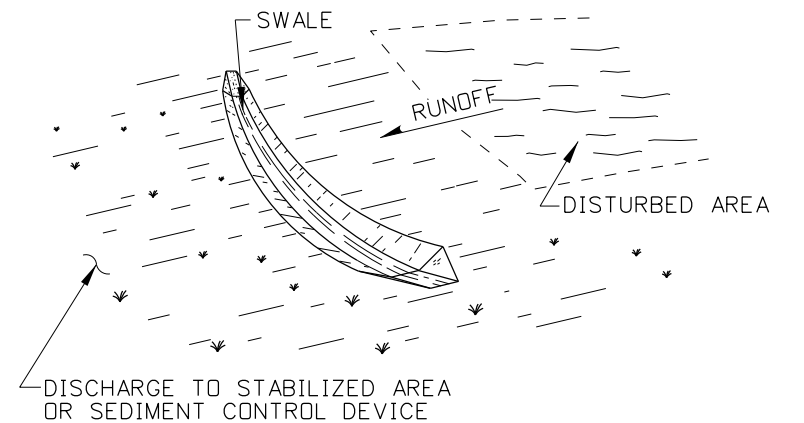


DIVERSION OF RUNOFF MAY BE NECESSARY DURING THE ESTABLISHMENT OF VEGETATION ON THE SWALE SIDES AND BOTTOM. WHERE RUNOFF DIVERSION IS NOT POSSIBLE, COVER GRADED AND SEEDING AREAS WITH SUITABLE EROSION CONTROL MATERIALS OR SOD.

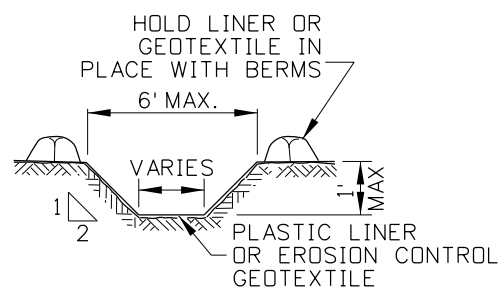
GRASSED SWALE



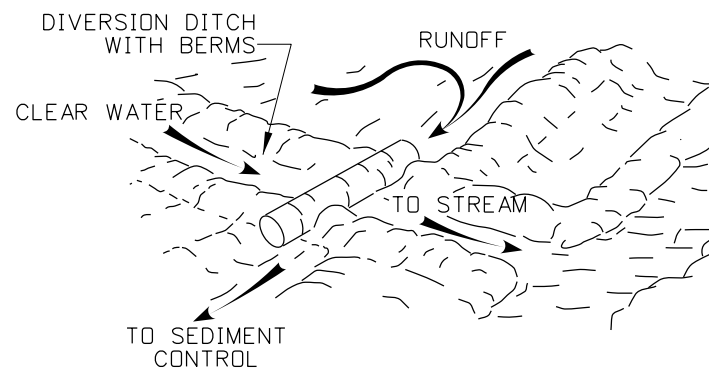
SECTION A-A



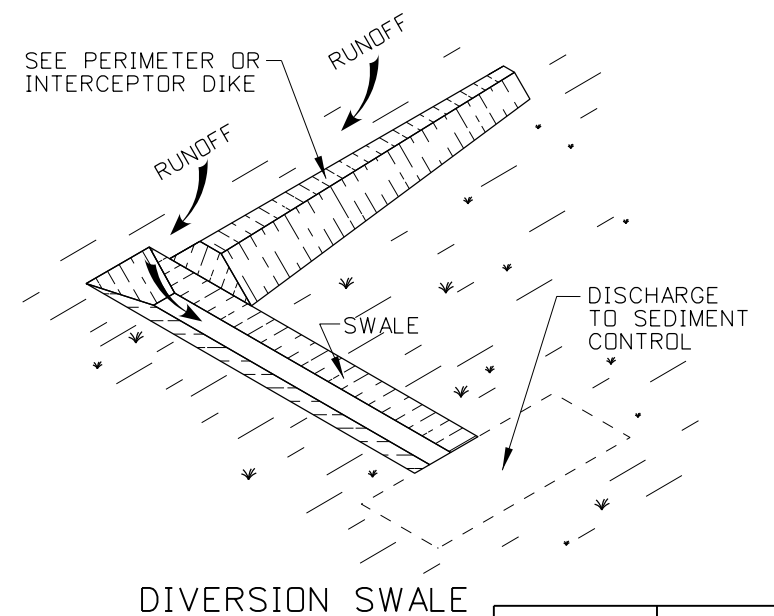
INTERCEPTOR SWALE



DIVERSION DITCH
 ONLY USE WITH CLEAR WATER



DIVERSION DITCH EXAMPLE



DIVERSION SWALE

ORIGINAL STORED AT: ITD, Headquarters 3311 West State Boise, Idaho

ORIGINAL SIGNED BY: RYAN D. LANCASTER
 DATE ORIGINAL SIGNED: DECEMBER 27, 2016

REVISIONS							
NO.	DATE	BY	NO.	DATE	BY	NO.	DATE

SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY
 CADD FILE NAME: 212-5_1216.dgn
 DRAWING DATE: NOVEMBER, 2016

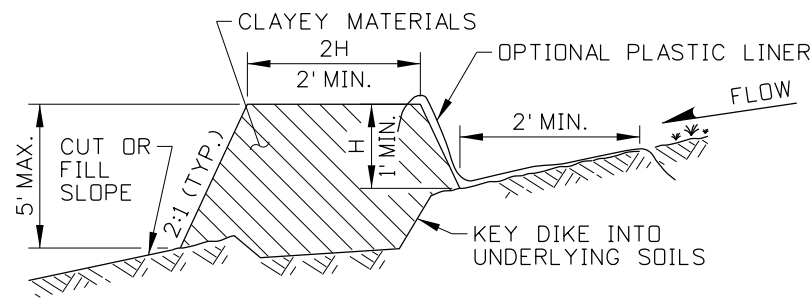
IDAHO TRANSPORTATION DEPARTMENT

BOISE IDAHO

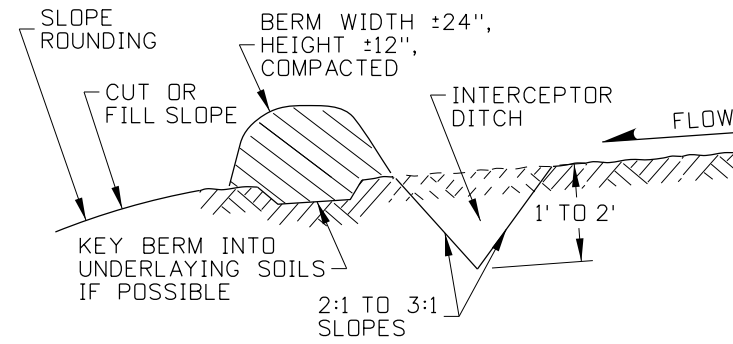
ORIGINAL SIGNED BY: TED MASON
 DESIGN/TRAFFIC SERVICES ENGINEER

STANDARD DRAWING
TEMPORARY EROSION AND SEDIMENT CONTROL
 DIVERSION CHANNEL, DITCH, SWALE, DIKE, BERM, WATERBAR, AND ROLLING DIP
 REQUIRES SHT. 2 OF 2 & STD. DWG. 212-1

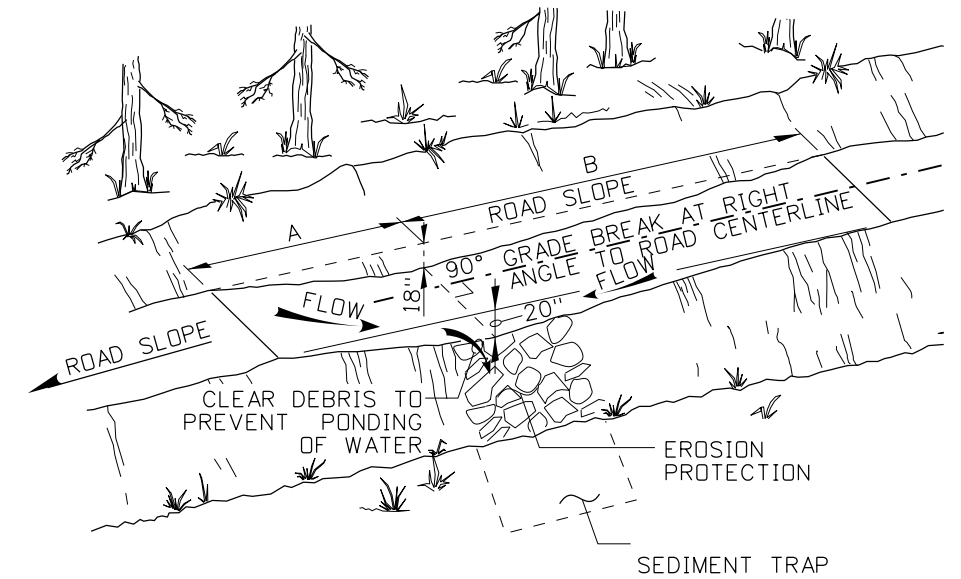
English
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212-5
 SHEET 1 OF 2



DIKE

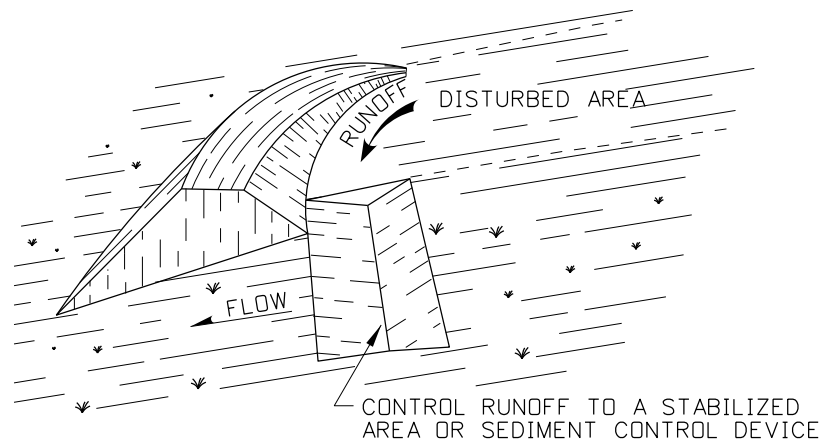


**BERM
SHOWN WITH INTERCEPTOR DITCH**

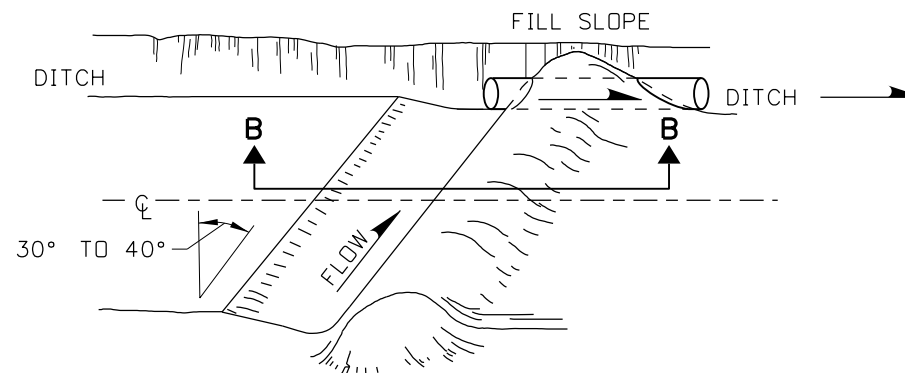


ROLLING DIP

ROLLING DIP DIMENSION TABLE		
% ROAD SLOPE	A (DOWNHILL)	B (UPHILL)
0% TO 4%	35'	65'
4% TO 6%	25'	75'



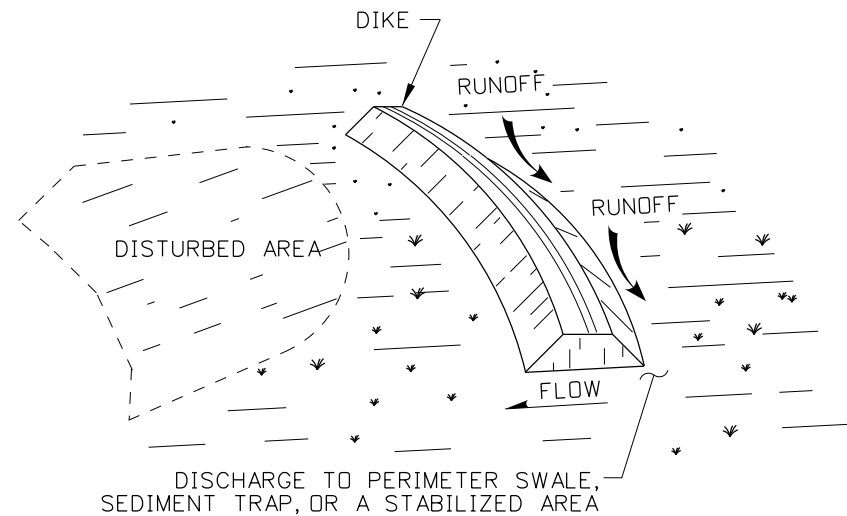
PERIMETER DIKE



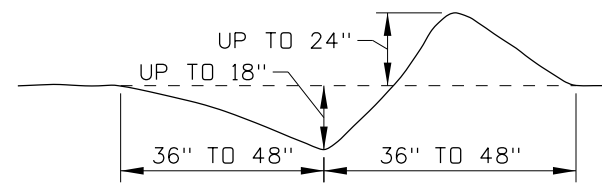
WATERBAR

NOTES

- SEE THE GENERAL NOTES FOR TEMPORARY EROSION CONTROL STANDARD DRAWINGS ON 212-1.
- CONSTRUCT DIVERSION CHANNELS, DITCHES, SWALES, DIKES, BERMS, WATER BARS, AND ROLLING DIPS TO THE DIMENSIONS SHOWN ON THE PLANS. USE A PLASTIC LINER WHEN RUNOFF IS NOT INTENDED TO INFILTRATE INTO THE SOIL.
- WHEN USING A DIVERSION CHANNEL, CONSTRUCT A TEMPORARY DAM TO DIVERT WATER INTO THE CHANNEL. A TEMPORARY DOWNSTREAM DAM IS OPTIONAL AND MAY BE USED TO PREVENT WATER FROM RETURNING TO THE UPSTREAM WORK AREA.
- USE DIVERSION DITCHES WITH CLEAR WATER. USE A DIVERSION CHANNEL WHEN THE FLOW EXCEEDS 0.25 CUBIC FEET PER SECOND.
- INSTALL A PLASTIC LINER ALONG THE LENGTH AND WIDTH OF DIVERSION CHANNELS AND DITCHES. OVERLAP THE PLASTIC LINER EDGES 2 FEET. SECURE THE PLASTIC LINER EDGES WITH BERMS, ROCKS, OR OTHER SUITABLE MATERIALS.
- THE RECOMMENDED MAXIMUM DRAINAGE AREA FOR GRASSED SWALES IS 1 ACRE. THE RECOMMENDED MAXIMUM DRAINAGE AREA CONTRIBUTING RUNOFF TO A DIKE, SWALE OR COMBINATION THEREOF SHOULD NOT EXCEED 5 ACRES.
- USE DIKES WHEN BERMS ARE NOT SUFFICIENT TO CONTROL RUNOFF. COMPACT DIKES TO 90 PERCENT OF STANDARD DENSITY.
- DIVERT COLLECTED RUNOFF, INTERCEPTED RUNOFF, OR BOTH FROM A BERM, DIKE, SWALE OR COMBINATION THEREOF TO A SEDIMENT CONTROL DEVICE OR STABILIZED AREA.
- ENSURE THAT THE SIDE SLOPES OF A DIKE OR SWALE WITHIN THE CLEAR ZONE ARE 6:1 OR FLATTER UNLESS SHIELDED.
- DRAWING NOT TO SCALE.



INTERCEPTOR DIKE



SECTION B-B

ORIGINAL STORED AT: ITD, Headquarters 3311 West State Boise, Idaho

ORIGINAL SIGNED BY: RYAN D. LANCASTER
DATE ORIGINAL SIGNED: DECEMBER 27, 2016

REVISIONS							
NO.	DATE	BY	NO.	DATE	BY	NO.	DATE

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STANDARD DRAWING
TEMPORARY EROSION AND SEDIMENT CONTROL
DIVERSION CHANNEL, DITCH, SWALE, DIKE, BERM, WATERBAR, AND ROLLING DIP
REQUIRES SHT. 1 OF 2 & STD. DWG. 212-1

English
STANDARD DRAWING NO.
212-5
SHEET 2 OF 2