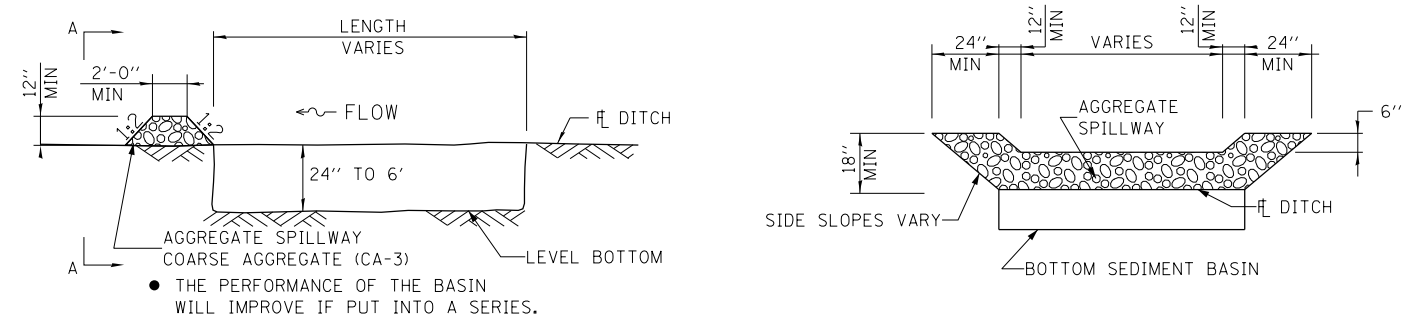


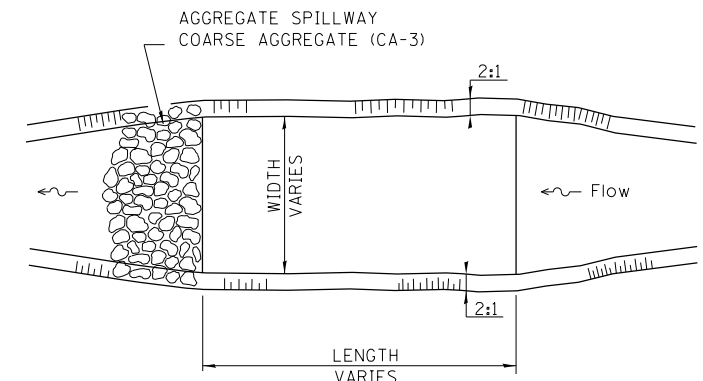
GENERAL NOTES - EROSION AND SEDIMENT CONTROL

- TEMPORARY EROSION AND SEDIMENT CONTROL SYSTEMS SHALL BE CONSTRUCTED, MAINTAINED, REMOVED, AND DISPOSED OF IN ACCORDANCE WITH SECTION 280 OF THE STANDARD SPECIFICATIONS.
- IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO ENSURE THAT SEDIMENT TRANSPORT OFF THE SITE IS REDUCED BY A COMBINATION OF MINIMIZATION OF EROSION AT THE SOURCE AND INSTALLATION OF SPECIFIC MEASURES TO CONTROL OR REDUCE THE TRANSPORT OF SEDIMENT.
- DISTURBED AREAS ARE TO BE PROTECTED FOR EROSION IN A TIMELY MANNER. UPON COMPLETION OF GRADING OR CONSTRUCTION, THE AREA SHALL BE STABILIZED (USING PERMANENT MEASURES WHEN POSSIBLE).
- ALL RUNOFF, EROSION AND SEDIMENT CONTROL MEASURES MUST BE REVIEWED TO ENSURE ROADSIDE HAZARDS ARE NOT CREATED.
- SEDIMENT TRAPS, SEDIMENT BASINS, DITCHES, SILT FENCES, STONE OUTLET STRUCTURES, EARTH BERMS, ETC. SHALL BE MAINTAINED DURING THE CONSTRUCTION SEASON AS WELL AS THE WINTER MONTHS AND OTHER TIMES WHEN THE PROJECT IS CLOSED DOWN.
- TEMPORARY MULCH SHALL BE PLACED ON ALL ERODIBLE EARTH AREAS AT THE END OF THE GROWING SEASON AND AS DIRECTED BY THE ENGINEER IN ACCORDANCE WITH THE SPECIFICATIONS. SCHEDULE QUANTITY ASSUMES COVERAGE OF ENTIRE SITE TWICE.
- TEMPORARY MULCH SHALL MEET THE REQUIREMENTS AND BE PAID FOR AS "MULCH METHOD 2."
- DITCH CHECK SPACING IS BASED ON 2' HIGH DITCH CHECKS. IF AN ALTERNATE SIZE DITCH CHECK IS PROPOSED BY THE CONTRACTOR FOR USE ON THE PROJECT, A CONTRACT DITCH CHECK SPACING WILL NEED TO BE RECALCULATED BY THE CONTRACTOR IN ACCORDANCE WITH THE BUREAU OF DESIGN AND ENVIRONMENT MANUAL. ANY RESULTING QUANTITY CHANGES SHALL BE APPROVED BY THE ENGINEER.
- THE PLANS SHOW THE PLAN QUANTITY OF TEMPORARY DITCH CHECKS AND SEDIMENT BASINS. SCHEDULE QUANTITIES ARE ADJUSTED FOR ANTICIPATED REPLACEMENT OF TEMPORARY CONTROLS AS FOLLOWS:
 TEMPORARY DITCH CHECKS: SCHEDULE QUANTITY = 2 TIMES PLAN QUANTITY
 TEMPORARY SEDIMENT BASINS: SCHEDULE QUANTITY = 3 TIMES PLAN QUANTITY
- PERIMETER EROSION BARRIER IS SHOWN ON THE PLANS ALONG THE ENTIRE PERIMETER OF THE SITE FOR SCHEDULE QUANTITY. ACTUAL LOCATIONS OF PERIMETER EROSION BARRIER WILL BE DETERMINED DURING THE JOBSITE INSPECTION CONDUCTED BY THE CONTRACTOR AND DEPARTMENT PRIOR TO BEGINNING ANY WORK REQUIRING EROSION CONTROL.
- PLACE TEMPORARY EROSION CONTROL SEEDING ON ALL ERODIBLE/EARTH AREAS EVERY 7 DAYS, REGARDLESS OF WEATHER OR WORK CONDITIONS. THE ENGINEER MAY REQUIRE THAT CRITICAL LOCATIONS BE SEEDED IMMEDIATELY AND THE CONTRACTOR SHALL SEED THESE AREAS WITHIN 48 HOURS OF SUCH A DIRECTIVE. SCHEDULE QUANTITY ASSUMES ENTIRE JOB IS SEEDED EVERY 2 WEEKS FOR TWO GROWING SEASONS (MARCH 1 - NOVEMBER 30).
- HEAVY DUTY EROSION CONTROL BLANKETS SHALL BE USED ON SLOPES STEEPER THAN 1:3. MAXIMUM SLOPE GRADIENT FOR HEAVY DUTY EROSION CONTROL BLANKET IS 1:2.
- SEE DRAINAGE PLANS FOR RIPRAP INFORMATION.
- RIPRAP DITCH LINING AS SHOWN ON THE PLANS SHALL BE INSTALLED UPON ESTABLISHMENT OF PROPOSED DITCH.
- ALL SLOPES ARE EXPRESSED AS UNITS OF VERTICAL DISPLACEMENT TO UNITS OF HORIZONTAL DISPLACEMENT (V:H)



ELEVATION

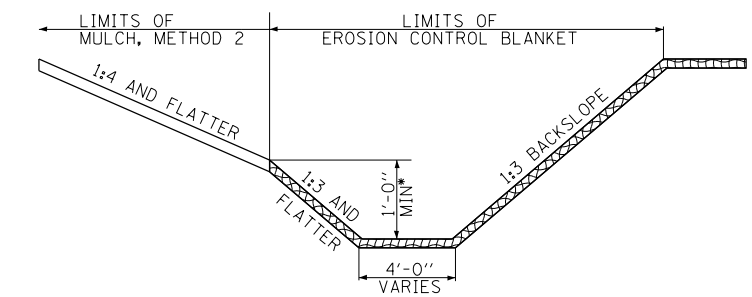
SECTION A-A



- THE LONG DIMENSION SHOULD BE PARALLEL WITH THE DIRECTION OF THE FLOW. ACCUMULATED SILT SHALL BE REMOVED ANYTIME THE BASINS BECOME 50% FILLED AND RESTORED TO ORIGINAL DIMENSIONS.
- SEE SCHEDULE FOR LOCATION AND SIZE SPECIFIED
- SEDIMENT BASINS REQUIRE CONSTRUCTION SAFETY FENCING AROUND PERIMETER
- THE COST TO PERFORM THIS WORK SHALL BE PAID FOR AS:
 -28000200: EARTH EXCAVATION FOR EROSION CONTROL, CU YD
 -28001000: AGGREGATE (EROSION CONTROL) TON
- UPON COMPLETION OF CONSTRUCTION, ESTABLISHMENT OF FINAL STABILIZATION, AND WHEN DIRECTED BY THE ENGINEER, THE SEDIMENT BASIN SHALL BE REMOVED AND THE DITCH LINE RE-ESTABLISHED SO AS NOT TO BLOCK OR IMPEDE STORM FLOW OR DRAINAGE. THE COST TO COMPLETE THIS WORK SHALL BE CONSIDERED INCIDENTAL TO THE ITEMS LISTED ABOVE.

PLAN

DETAIL-SEDIMENT BASIN



*1'-0" FOR FORESLOPES FLATTER THAN 1:4 TO TOP OF SLOPE FOR FORESLOPES STEEPER THAN 1:4

DETAIL-EROSION CONTROL BLANKET

FILE NAME = D468409-SHT-34 EROS-DETAIL_01.dgn	USER NAME = danw	DESIGNED - DBS	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EROSION CONTROL PLANS GENERAL NOTES & DETAILS			F.A.P. RTE. 313	SECTION 7-2 ; 6-1	COUNTY HENDERSON	TOTAL SHEETS 976	SHEET NO. 274
	PLOT SCALE = 120.0000' / 1in.	DRAWN - PSBA	REVISED -		SCALE: N.A.	SHEET NO. 34 OF 34 SHEETS	STA.	TO STA.	CONTRACT NO. 68409			
	PLOT DATE = 11/16/2012	CHECKED - CSB	REVISED -		ILLINOIS FED. AID PROJECT							
		DATE - 10/2012	REVISED -									