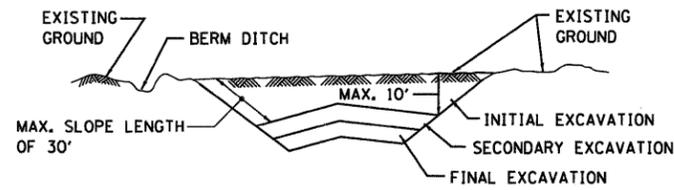


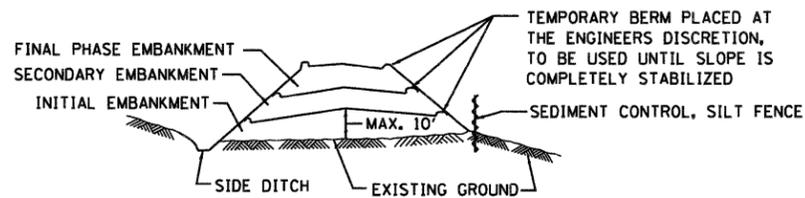
EXCAVATION PHASING PLAN-CUT SECTION



NOTES:

- ALL CUT SLOPES SHALL BE EXCAVATED AND STABILIZED (PLACE TOPSOIL, PREPARE SEEDBED, APPLY SEED, PROTECT SLOPE WITH MULCH OR EROSION BLANKET) AS THE WORK PROGRESSES.
- CONSTRUCTION SEQUENCE FOR EXCAVATION:
 - EXCAVATE AND STABILIZE BERM, SIDE AND OUTLET DITCHES, PROVIDE SUITABLE EROSION CONTROLS FOR DITCHES.
 - PERFORM INITIAL EXCAVATION AND STABILIZE SLOPES WITH PERMANENT SEEDING.
 - PERFORM SECONDARY EXCAVATION AND STABILIZE SLOPES WITH PERMANENT SEEDING, OVERSEED INITIAL EXCAVATION AREA SLOPES, IF REQUIRED.
 - PERFORM FINAL EXCAVATION, AND STABILIZE WITH PERMANENT VEGETATIVE PLAN ON THE ENTIRE SLOPE. STABILIZE SURFACE DRAIN DITCHES. OVERSEED INITIAL AND SECONDARY SLOPES, IF REQUIRED, AS DETERMINED BY THE ENGINEER.
- IF PERMANENT SEEDING CANNOT BE PLACED DUE TO CONTRACT REQUIREMENTS REGARDING PLANTING SEASONS, THE CUT SLOPE IS TO HAVE TOPSOIL PLACED AND SEEDBED PREPARED PRIOR TO USING TEMPORARY STABILIZATION WITH STRAW MULCH OR TEMPORARY SEEDING WITH EROSION BLANKET.
- THE CONTRACTOR HAS THE OPTION OF DELAYING TOPSOIL AND/OR SEEDING BEYOND THE 10 FOOT VERTICAL LIMITATION (SEE GENERAL NOTE 9). IF SO, THE CUT SLOPE MUST BE TEMPORARILY STABILIZED AT NO COST TO THE DEPARTMENT.
- ONCE THE EXCAVATION WITHIN A SPECIFIC AREA HAS BEGUN, THE OPERATION SHALL BE CONTINUOUS FROM STRIPPING THROUGH THE COMPLETION OF THE GRADING AND PLACEMENT OF SLOPE STABILIZATION MEASURES. ANY INTERRUPTIONS IN THE OPERATION 14 DAYS OR MORE MUST BE APPROVED BY THE ENGINEER. ANY VIOLATIONS OF THIS REQUIREMENT WILL RESULT IN THE CONTRACTOR ASSUMING THE RESPONSIBILITY OF PLACING TEMPORARY STABILIZATION AT HIS OWN COST AND EXPENSE AS DIRECTED BY THE ENGINEER.

EMBANKMENT PHASING PLAN-FILL SECTION



NOTES:

- THE EMBANKMENT WILL BE CONSTRUCTED IN LIFTS NOT TO EXCEED 10'. THE EMBANKMENT SLOPES WILL BE STABILIZED USING TEMPORARY MEASURES BEFORE BEGINNING THE NEXT LIFT.
- UPON COMPLETION OF THE EMBANKMENT, TEMPORARY BERMS (EARTH) AND TEMPORARY PIPE SLOPE DRAINS SHALL BE CONSTRUCTED ALONG THE TOP EDGE(S) OF THE EMBANKMENT TO INTERCEPT SURFACE RUNOFF. INTERIM BERMS AND DRAINS SHALL BE USED WHEN DIRECTED BY THE ENGINEER.
- CONSTRUCTION SEQUENCE FOR EMBANKMENT
 - EXCAVATE AND STABILIZE SIDE DITCH AND/OR INSTALL PROPOSED PERIMETER CONTROLS AT THE TOE OF SLOPE.
 - PLACE INITIAL EMBANKMENT AND STABILIZE WITH TEMPORARY SEEDING AND MULCH.
 - PLACE SECONDARY EMBANKMENT AND STABILIZE WITH TEMPORARY SEEDING AND MULCH.
 - PLACE FINAL EMBANKMENT AND STABILIZE WITH PERMANENT VEGETATIVE PLAN ON THE ENTIRE SLOPE.
- ONCE THE PLACEMENT OF FILL WITHIN A SPECIFIC AREA HAS BEGUN, THE OPERATION SHALL BE CONTINUOUS FROM STRIPPING THROUGH THE COMPLETION OF THE GRADING AND PLACEMENT OF PERMANENT VEGETATIVE PLAN. ANY INTERRUPTIONS IN THE OPERATION OF 14 DAYS OR MORE MUST BE APPROVED BY THE ENGINEER. ANY VIOLATION OF THIS REQUIREMENT WILL RESULT IN THE CONTRACTOR ASSUMING THE RESPONSIBILITY OF PLACING TEMPORARY STABILIZATION AT HIS OWN COST AND EXPENSE AS DIRECTED BY THE ENGINEER.

EROSION AND SEDIMENT CONTROL (ESC) STRATEGY

DISTURBED AREA: 52.9 ACRES
RECEIVING WATERS: KRESS CREEK

- ERECT PERIMETER EROSION BARRIER AS SHOWN ON THE PLANS.
- ESTABLISH STABILIZED CONSTRUCTION ENTRANCES.
- CLEAR AND GRUB, REMOVE EXISTING TREES AS NECESSARY.
- INSTALL INLET FILTERS AND INLET & PIPE PROTECTION AS SHOWN ON THE PLANS.
- INSTALL TEMPORARY DITCH CHECKS AT 18" VERTICAL INTERVALS.
- INSTALL SEDIMENT TRAP.
- STABILIZE DISTURBED AREAS WITH MULCH METHOD 2 OR EROSION CONTROL BLANKET AND TEMPORARY EROSION CONTROL SEEDING AS SHOWN ON THE PLANS.
- INSPECT AND MAINTAIN ALL EROSION AND SEDIMENT CONTROL MEASURES FOR THE DURATION OF CONSTRUCTION.
- WHEN FINAL STABILIZATION IS ESTABLISHED, REMOVE ALL TEMPORARY MEASURES.

EROSION AND SEDIMENT CONTROL SCHEDULE

	25100115	28000250	28000305	28000500	28000510	28000400	28100105	28200200	28000200	X0324044	25100630
	MULCH, METHOD 2	TEMPORARY EROSION CONTROL SEEDING	TEMPORARY DITCH CHECKS	INLET AND PIPE PROTECTION	INLET FILTERS	PERIMETER EROSION BARRIER	STONE RIPRAP, CLASS A3	FILTER FABRIC	EARTH EXCAVATION FOR EROSION CONTROL	EROSION CONTROL TEMPORARY PIPE SLOPE DRAIN	EROSION CONTROL BLANKET
	ACRE	POUND	FOOT	EACH	EACH	FOOT	SQ YD	SO YD	CU YD	EACH	SO YD
SHEET											
EC-1 (TOP)	0.30	61	120	3	9	788	-	-	-	-	6,950
EC-1 (BOTTOM)	1.63	326	440	5	23	2,922	-	-	-	-	28,831
EC-2	12.82	2,564	480	2	30	9,695	33	33	-	11	15,719
EC-3	7.63	1,527	440	-	21	5,597	6	6	-	2	28,083
EC-4 (TOP)	1.95	-	340	3	30	2,761	-	-	-	-	25,461
EC-4 (BOTTOM)	1.13	-	200	3	6	1,381	20	15	270	-	12,661
EC-5	4.28	-	200	2	14	4,384	9	9	-	3	8,698
SUB-TOTAL	29.80	4,480	2,220	18	133	27,530	70	65	270	16	126,403
AT THE ENGINEER'S DISCRETION	3.00	450	222	2	14	2,755	7	7	27	2	12,641
GRAND TOTAL	32.80	4,930	2,443	20	147	30,285	77	72	297	18	139,044

McDonough Associates Inc.
 Engineers / Architects
 130 East Randolph Street Chicago, Illinois 60601

FILE NAME = D:\60122-SHT-EROS02.dgn	USER NAME = YKlm	DESIGNED - JCL	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EROSION AND SEDIMENT CONTROL DETAILS, STRATEGY AND SCHEDULE			F.A.P. RTE. 347	SECTION LY (HB & VB)	COUNTY DUPAGE/KANE	TOTAL SHEETS 421	SHEET NO. 60			
PLOT SCALE = 1:50	CHECKED - EJC	REVISED -	SCALE: NONE					SHEET NO. 2 OF 2 SHEETS	STA. TO STA.	EN-2		CONTRACT NO. 60122			
PLOT DATE = 10/14/2011	DATE - 10/14/11	REVISED -	FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT												