

EARTH SUMMARY SCHEDULE	TOPSOIL* EXCAVATION AND PLACEMENT	ADJUSTED** FOR SHRINKAGE/LOSS	TOPSOIL REQUIRED (INFO ONLY)	AVAILABLE FOR EMBANKMENT	EMBANKMENT	FURNISHED EXCAVATION
LOCATION	CU YD	CU YD	CU YD	CU YD	CU YD	CU YD
DEE-MACK RD.	459.2	367.4	337.0	30.4	275.0	244.6
COOPER RD.	25.2	20.2	12.4	7.8	5.0	-2.8
NW INTERSECTION QUADRANT					60.0	60.0
SE INTERSECTION QUADRANT					60.0	60.0
SUBTOTAL	484.4	387.6	349.4	38.2	400.0	361.8
TOTAL	485	388	350	38	400	362

* TOPSOIL EXCAVATION AND PLACEMENT MAY BE USED FOR EMBANKMENT OR TOPSOIL
 ** 20% SHRINKAGE/LOSS

TEMPORARY DITCH CHECKS SCHEDULE		
LOCATION		FOOT
DEE-MACK RD.		
STA. 193+90	LT	10
STA. 195+25	RT	10
STA. 196+50	LT	10
STA. 196+75	RT	10
STA. 198+00	RT	10
STA. 198+00	LT	10
STA. 199+00	RT	10
STA. 200+75	RT	10
STA. 201+15	LT	10
STA. 204+25	LT	10
STA. 205+00	RT	10
STA. 206+50	LT	10
STA. 207+25	RT	10
STA. 207+75	LT	10
COOPER RD.		
STA. 99+10	LT	10
STA. 99+30	RT	10
STA. 101+25	RT	10
STA. 101+25	LT	10
TOTAL		180

PERIMETER EROSION BARRIER SCHEDULE			
LOCATION			FOOT
LT. STA. 99+00	TO	LT. STA. 201+50	120
RT. STA. 202+50	TO	RT. STA. 205+50	300
TOTAL			420

INLET AND PIPE PROTECTION		
LOCATION		EACH
DEE-MACK RD.		
STA. 195+12	LT	1
STA. 199+50	LT	1
STA. 200+65	LT	1
TOTAL		3

PATCHING SCHEDULE	CLASS D PATCHES TYPE II, 10 INCH
LOCATION	SQ YD
DEE-MACK RD.	
LT. STA. 199+50	5.0
RT. STA. 199+50	5.0
LT. STA. 199+80	5.0
RT. STA. 199+80	8.0
RT. STA. 200+22	5.7
LT. STA. 200+22	8.0
LT. STA. 200+65	5.0
RT. STA. 200+65	5.0
SUBTOTAL	46.7
TOTAL	47

ENTRANCE SCHEDULE			AGGREGATE SURFACE COURSE, TYPE B, 8"
ENT. TYPE	LOCATION		TON
DEE-MACK RD.			
F.E.	STA. 195+36.00	LT	32.0
SUBTOTAL			32.0
TOTAL			32

CONVERSION RATES
 AGGREGATE = 2.05 TON/CU YD

CULVERT SCHEDULE		TRENCH BACKFILL	PRC FL END SEQ RS 24	P CUL. CLA 1 EQ RS 24	PIPE CULVERTS, CLASS D, TYPE 1 18"	METAL END SECTIONS 18"
LOCATION		CU YD	EACH	FOOT	FOOT	EACH
DEE-MACK RD.						
LT. STA. 195+11	TO	LT. STA. 195+51			46	2
		STA. 199+50	25.7	2	60	
		STA. 200+65	33.5	2	48	
		STA. 199+80	14.0			
		STA. 200+22	13.5			
TOTAL			87	4	108	2

PERMANENT SEEDING SCHEDULE			SEEDING, CLASS 2A	NITROGEN FERTILIZER NUTRIENT	PHOSPHORUS FERTILIZER NUTRIENT	POTASSIUM FERTILIZER NUTRIENT	MULCH, METHOD 2	TEMPORARY EROSION CONTROL SEEDING
LOCATION			ACRE	POUND	POUND	POUND	ACRE	POUND
DEE-MACK RD / COOPER RD								
STA. 192+09.00	TO	STA. 208+11.00	2.0	180	180	180	2.0	200
TOTAL			2.00	180	180	180	2.0	200

FURNISHING AND ERECTING RIGHT-OF-WAY MARKERS			
STATION	OFFSET	L/R	EACH
DEE-MACK RD.			
STA. 195+12.68	40.04'	LT	1
STA. 199+00	40.02'	LT	1
STA. 201+53.24	40.41'	RT	1
STA. 205+00	39.23'	RT	1
TOTAL			4

PAVING SCHEDULE	SUB-BASE GRANULAR MATERIAL, TYPE B 12"	HOT-MIX ASPHALT BASE COURSE, 6"	LEVELING BINDER (MACHINE METHOD), N50 ≤ 3/4"	LEVELING BINDER (MACHINE METHOD), N50 > 3/4"	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50	AGGREGATE SHOULDERS, TYPE B 6"	HOT-MIX ASPHALT SHOULDERS, 6"	HOT-MIX ASPHALT SHOULDERS, 8"	TEMPORARY RAMP	POLYMERIZED BITUMINOUS MATERIALS (PRIME COAT)	AGGREGATE WEDGE SHOULDER, TYPE B										
LOCATION	SQ YD	SQ YD	TON	TON	TON	SQ YD	SQ YD	SQ YD	SQ YD	TON	TON										
INTERSECTION RADAI																					
	S. E. QUAD.	102.4	97.4																		
	N. E. QUAD.	8.3	5.3																		
	S. W. QUAD.	17.8	14.8																		
	N. W. QUAD.	103.0	98.0																		
COOPER RD.																					
STA. 98+70	TO	STA. 99+00		18.0	60.0	13.4															
STA. 101+00	TO	STA. 101+30		19.0	31.0	13.4			11.1												
DEE-MACK RD.																					
STA. 192+09	TO	STA. 208+11			111.8	144.8	411.6	1,369.4	43.6	24.4	3.90										
SUBTOTAL											231.5	215.5	148.8	235.8	411.6	26.8	1,369.4	43.6	35.5	3.90	160.5
TOTAL											232	216	385	235.8	412	27	1,370	44	36	3.9	161

Cooper Rd. HMA and Agg. Wedge tonnage is included in DEE-MACK Rd. quantities

CONVERSION RATES
 ASPHALT: 112 LB/SQ YD IN
 AGGREGATE = 2.05 TON/CU YD
 0.004 TONS = GALLON

REMOVE AND RELOCATE EXISTING SIGN LIGHT	
LOCATION	EACH
COOPER RD.	
NORTH EAST QUADRANT	1
SOUTH WEST QUADRANT	1
TOTAL	2

HOT-MIX ASPHALT SURFACE REMOVAL SCHEDULE		HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	HOT-MIX ASPHALT SURFACE REMOVAL, 1"
LOCATION		SQ YD	SQ YD
DEE-MACK RD.			
STA. 192+09	TO	STA. 192+39	73.3
STA. 192+39	TO	STA. 207+81	4,316.0
STA. 207+81	TO	STA. 208+11	73.3
COOPER RD.			
STA. 101+00	TO	STA. 101+30	70.0
SUBTOTAL			216.6
TOTAL			4,316.0

CONCRETE HEADWALL REMOVAL		
LOCATION	EACH	
DEE-MACK RD.		
STA. 195+11.00	LT	1
STA. 195+51.00	LT	1
TOTAL	2	

TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	
LOCATION	L SUM
ENTIRE PROJECT	1
TOTAL	1

REMOVE EXISTING CULVERT SCHEDULE			PIPE CULVERT REMOVAL
LOCATION	SIZE	FOOT	
DEE-MACK RD.			
LT. STA. 195+11.00	TO	LT. STA. 195+51.00	18"
RT. STA. 199+67.00	TO	LT. STA. 199+90.00	24"
RT. STA. 200+10	TO	LT. STA. 200+35.00	24"
TOTAL			160

MOBILIZATION SCHEDULE	
LOCATION	L SUM
ENTIRE PROJECT	1
TOTAL	1

CONSTRUCTION LAYOUT SCHEDULE	
LOCATION	L SUM
ENTIRE PROJECT	1
TOTAL	1

FILE NAME =
 K:\PROJECTS\
 2007705506\DCN\DEE-MACK-COOPER\
 PLANS-REFS\SCHED OF QTY.S.DGN

USER NAME =
 PLOT SCALE =
 PLOT DATE = 2/24/2012

DESIGNED - REW
 DRAWN - KRS, DLC
 CHECKED - KMC
 DATE -

REVISED -
 REVISED -
 REVISED -
 REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

TAZEWELL COUNTY - DEE-MACK ROAD AND COOPER ROAD
 INTERSECTION IMPROVEMENTS
 SCHEDULE OF QUANTITIES

SCALE: SHEET NO. OF SHEETS STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
470	10-00076-00 RS	TAZEWELL	38	6

ILLINOIS FED. AID PROJECT