

EARTHWORK

LOCATION	EARTH EXCAVATION (CU YD)	EARTH EXCAV. ADJUSTED FOR SHRINKAGE * (CU YD)	EMBANKMENT (FILL) (CU YD)	EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-) (CU YD)	TOPSOIL FURNISH AND PLACEMENT, 4" (CU YD)
IL 10 RT (SN 054-7069)	105	79	385	-306	-120
IL 10 LT (SN 054-7069)	95	71	360	-289	-110
SUB-TOTAL	200			-595	-230
1) TEMP. RUNAROUND CONST.	110	83	12,670	-12,587	
2) IL 10 RT FINAL	2,510	1,883	7,440	-5,557	-910
3) TEMP. IL 10 LT STAGE I	1,895	1,421	1,855	-434	-70
TR 44 SOUTH	8,780	6,585	12,550	-5,965	-810
TR 44 NORTH	1,590	1,193	7,220	-6,027	-1,415
4) IL 10 LT FINAL	11,390	8,543	3,125	-5,418	-490
OVERFLOW CHANNEL	7,920	5,940		5,940	-600
SUB-TOTAL	34,195			-19,212	-4,295
SN 054-0009	45	34		34	
TOTAL	34,440			-19,773	-4,525 (CU YD)
ROUNDED TOTAL	34,440			19,775	4,525 (CU YD)
EARTH EXCAVATION	34,440		FURNISHED EXCAVATION	19,775	TOPSOIL FURNISH 40,725 (SQ YD)

- *AN EARTH SHRINKAGE FACTOR OF 0.25 IS APPLIED
 1) SEE TEMPORARY RUNAROUND CROSS SECTIONS
 2) SEE FAP 717 (IL 10) CROSS SECTIONS
 3) SEE TEMPORARY RUNAROUND CROSS SECTIONS
 4) SEE FAP 717 (IL 10) & TEMPORARY RUNAROUND CROSS SECTIONS

CHANNEL EXCAVATION

LOCATION	CU YD
SN 054-7069	210
TOTAL	210

CONSTRUCTING TEST STRIP

LOCATION	EACH
IL 10	1
IL 10	1
TOTAL	2

TRENCH BACKFILL

LOCATION	STATION	OFFSET	CU YD
IL 10	509+62.00	LT&RT	113
TR 44	18+50.00	LT&RT	39
	22+00.00	LT&RT	82
TOTAL			234

SUBBASE GRANULAR MATERIAL, TYPE A

LOCATION	STATION TO	STATION	TON
TR 44	17+25.00	20+17.00	1175
IL 10	509+00.00	510+00.00	683
TOTAL			1858

SUBBASE GRANULAR MATERIAL, TYPE A 8"

LOCATION	STATION TO	STATION	OFFSET	SQ YD
IL 10	488+48.19	488+98.19	LT&RT	144
	508+79.00	510+54.00	LT&RT	506
TOTAL				650

BASE COURSE WIDENING, 10"

LOCATION	STATION TO	STATION	OFFSET	SQ YD
IL 10	486+75.00	490+75.00	RT	133
IL 10	521+30.00	522+79.50	LT	50
	521+86.12	522+79.50	RT	31
	525+76.33	526+83.50	LT	36
	525+76.33	526+74.66	RT	33
TOTAL				283

INLET & PIPE PROTECTION

LOCATION	STATION	OFFSET	EACH
IL 10	FE 492+72.00	LT	1
	FE 493+22.00	RT	1
SUBTOTAL			2
IL 10	509+62.00	59' LT	1
TR 44	FE 12+32.00	31' LT	1
	FE 12+33.48	40' RT	1
	FE 14+28.72	66' RT	1
	18+50.00	44' LT	1
	22+00.00	55' LT	1
	FE 23+13.19	54' RT	1
SUBTOTAL			7
TOTAL			9

AGGREGATE SURFACE COURSE, TYPE B

LOCATION	STATION	OFFSET	TON
IL 10	FE 492+72.00	LT	32
	FE 493+22.00	RT	32
SUBTOTAL			64
IL 10	FE 499+48.00	LT	15
	FE 521+50.00	LT	46
TR 44	FE 12+00.00	LT	40
	FE 12+00.00	RT	45
	FE 14+00.00	RT	57
	FE 22+75.00	RT	78
	FE 26+09.00	LT	17
SUBTOTAL			298
TOTAL			362

AGGREGATE FOR TEMPORARY ACCESS

LOCATION	STATION	OFFSET	TON
IL 10	FE 492+72.00	LT	13
	FE 493+22.00	RT	13
SUBTOTAL			26
IL 10	FE 499+48.00	LT	12
	FE 522+05.00	LT	12
TR 44	FE 14+00.00	RT	57
	FE 22+75.00	RT	78
	FE 26+09.00	LT	9
SUBTOTAL			168
TOTAL			194

AGGREGATE BASE COURSE, TYPE A 8"

LOCATION	STATION TO	STATION	OFFSET	SQ YD
TR 44	10+00.00	19+12.11	LT&RT	2534
	19+12.11	20+36.26	LT&RT	788
	20+62.26	21+88.64	LT&RT	711
	21+88.64	26+24.98	LT&RT	1212
SHOULDERS	19+12.11	20+36.26	LT	74
	19+12.11	20+36.26	RT	106
	20+62.26	21+88.64	LT	92
	20+62.26	21+88.64	RT	73
TOTAL				5590

HOT-MIX ASPHALT BASE COURSE, 12"

LOCATION	STATION TO	STATION	OFFSET	TON
RUNAROUND	104+25.64	108+82.51	LT&RT	396
	108+82.51	114+09.56	LT&RT	551
	114+09.56	115+73.65	LT&RT	42
TOTAL				989

BITUMINOUS MATERIALS (PRIME COAT)

LOCATION	STATION TO	STATION	OFFSET	TON
IL 10	484+00.00	498+00.00	LT&RT	3.0
IL 10	498+00.00	522+79.50	LT&RT	5.7
TR 44	10+00.00	26+24.98	LT&RT	3.8
RUNAROUND	104+25.64	115+73.65	LT&RT	1.2
IL 10	525+76.33	526+26.33	LT&RT	0.2
TOTAL				13.9
ROUNDED TOTAL				14

AGGREGATE (PRIME COAT)

LOCATION	STATION TO	STATION	OFFSET	TON
IL 10	484+00.00	498+00.00	LT&RT	12.0
IL 10	498+00.00	522+79.50	LT&RT	22.7
IL 10	525+76.33	526+26.33	LT&RT	0.3
TOTAL				35

LEVELING BINDER (MACHINE METHOD), N50

LOCATION	STATION TO	STATION	OFFSET	TON
IL 10	484+30.00	498+00.00	LT&RT	166
IL 10	498+00.00	508+79.00	LT&RT	131
	512+46.00	522+79.50	LT&RT	125
IL 10	525+76.33	526+26.33	LT&RT	2
TOTAL				424

HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT

LOCATION	STATION TO	STATION	OFFSET	SQ YD
IL 10	484+00.00	484+30.00	LT&RT	87
IL 10	525+96.33	526+26.33	LT&RT	107
TOTAL				194

SEEDING, FERTILIZERS AND MULCH

LOCATION	STATION TO	STATION	OFFSET	SEEDING CLASS 2 (ACRE)	SEEDING CLASS 7 (ACRE)	NITROGEN FERTILIZER NUTRIENT (POUND)	PHOSPHORUS FERTILIZER NUTRIENT (POUND)	POTASSIUM FERTILIZER NUTRIENT (POUND)	AGRICULTURAL GROUND LIMESTONE (TON)	TEMPORARY EROSION CONTROL SEEDING (POUND)	MULCH METHOD 2 (ACRE)
IL 10	484+00.00	486+00.00	LT	0.05							
	484+00.00	486+00.00	RT	0.05							
	486+00.00	492+00.00	LT	0.34							
	486+00.00	492+00.00	RT	0.34							
	492+00.00	498+00.00	LT	0.07							
	492+00.00	498+00.00	RT	0.14							
SUBTOTAL				0.99		90	90	90	2.0	100	1.00
ROUNDED SUBTOTAL				1.00							
IL 10	498+00.00	500+50.00	RT	0.06							
	498+00.00	505+00.00	LT	0.08							
	500+50.00	522+79.50	RT	2.03							
	506+33.00	522+79.50	LT	2.08							
TR 44	10+00.00	26+24.98	LT	1.25							
	10+00.00	26+24.98	RT	2.90							
OVERFLOW CHANNEL	802+25.00	806+40.00	LT&RT	1.05							
RUNAROUND LT SUBTOTAL					1.03						
RUNAROUND RT SUBTOTAL					0.63						
RUNAROUND REMOVAL SUBTOTAL										175	
SUBTOTAL				9.45	1.66	855	855	855	19.0	950	9.50
ROUNDED SUBTOTAL				9.50	1.75						
ROUNDED TOTAL				10.50	1.75	945	945	945	21	1225	10.50

TREE REMOVAL (ACRES)

LOCATION	STATION TO	STATION	OFFSET	ACRE
IL 10	500+50.00	505+41.00	70' RT	0.1
	505+41.00	506+19.00	70'-316' RT	0.2
	506+19.30	512+50.00	316'-543' RT	1.2
	510+30.00	515+00.00	110'-65' LT	0.4
TOTAL				1.9
ROUNDED TOTAL				2.0

PERIMETER EROSION BARRIER

LOCATION	STATION TO	STATION	OFFSET	FOOT
IL 10	485+00.00	488+66.00	LT	366
	489+10.13	492+60.10	LT	355
	485+00.00	492+91.58	RT	829
	493+43.78	498+00.00	RT	457
SUBTOTAL				2007
IL 10	500+50.00	505+41.71	RT	470
	507+06.00	522+79.50	LT	1616
	512+08.00	522+79.50	RT	1074
TR 44	9+62.50	19+93.00	LT	1070
	9+00.00	12+20.00	RT	273
	20+78.00	22+57.00	RT	196
	22+97.00	26+09.00	RT	329
	21+03.00	26+24.98	LT	508
SUBTOTAL				5536
TOTAL				7543

RIPRAP AND FILTER FABRIC

LOCATION	STATION TO	STATION	OFFSET	STONE RIPRAP* CLASS A5 (SQ YD)	FILTER* FABRIC (SQ YD)
CULVERT CHANNEL	50+00.00	50+76.29	LT&RT	682	682
TR 44	12+11.00	12+50.00	RT	183	183
TOTAL				865	865

* SEE BRIDGE PLANS FOR ADDITIONAL QUANTITY.

EROSION CONTROL BLANKET

LOCATION	STATION TO	STATION	OFFSET	SQ YD
RUNAROUND	107+00.00	114+50.00	LT	5000
RUNAROUND	108+00.00	113+50.00	RT	3056
TOTAL				8056

FILE NAME =	USER NAME = *USER*	DESIGNED -	REVISED -
*FILE#		DRAWN -	REVISED -
	PLOT SCALE = *SCALE*	CHECKED -	REVISED -
	PLOT DATE = *DATE*	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCHEDULE OF QUANTITIES

SCALE: SHEET NO. 1 OF 3 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
717	(102B-1,102CR,102BR-2)RS			