

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
685	(113)B-3	HANCOCK	48	10
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

### EARTHWORK

LOCATION	EARTH EXCAVATION	EMBANKMENT	EARTH EXCAVATION ADJ. FOR SHRINKAGE	CHANNEL EXCAVATION	CHANNEL EXCAVATION ADJ. FOR SHRINKAGE	FURNISHED EXCAVATION WASTE (+) SHORTAGE (-)
STATION TO STATION	CU. YD.					
IL RTE 96						
114+00 118+50	187.3	1,856.4	140.5			-1,715.9
119+00 123+00	151.3	922.9	113.5			-809.4
APPLE RIVER ROAD						
10+81 14+50	789.1	1,305.7	591.8			-713.9
15+70 17+42	149.3	557.5	112.0			-445.5
APPLE RIVER ROAD						
13+00 RT. 14+50 RT.				371.9	278.9	+278.9
15+50 RT. 17+00 RT.				649.7	487.3	+487.3
<b>TOTAL</b>	<b>1,280</b>	<b>4,643</b>	<b>958</b>	<b>1,022</b>	<b>767</b>	<b>-2,920</b>

**NOTE:**

SHRINKAGE FACTOR = 25% FOR EARTH AND CHANNEL EXCAVATION.  
 CHANNEL EXCAVATION ASSUMED TO BE SUITABLE MATERIAL, AND IS INCLUDED IN EARTHWORK BALANCE.  
 EARTH EXCAVATION AND FURNISHED EXCAVATION TOTALS ARE ROUNDED TO THE NEAREST 5 CU. YDS.  
 CHANNEL EXCAVATION TOTAL IS ROUNDED TO THE NEAREST 1 CU. YD.

### EROSION CONTROL

LOCATION	HEAVY DUTY EXCELSIOR BLANKET	STONE DUMPED RIPRAP CLASS A4	FILTER FABRIC FOR USE WITH RIPRAP
STATION TO STATION	SQ. YD.	TON	SQ. YD.
APPLE RIVER ROAD			
13+35 13+50 RT	38.5		
16+00 16+75 RT	433.7		
APPLE RIVER ROAD			
13+50 14+00 RT		105.5	210.7
15+55 16+00 RT		211.1	422.2
<b>TOTAL</b>	<b>473</b>	<b>317</b>	<b>633</b>

### LANDSCAPING

LOCATION	SEEDING CLASS 2	MULCH METHOD 2	AGRICULTURAL GROUND LIMESTONE	NITROGEN FERTILIZER NUTRIENT	PHOSPHOROUS FERTILIZER NUTRIENT	POTASSIUM FERTILIZER NUTRIENT
STATION TO STATION	ACRE		TON	POUND		
IL RTE 96						
114+00 116+48 LT	0.11	0.11	0.22	10	10	10
118+00 123+00 LT	0.33	0.33	0.66	30	30	30
114+00 117+50 RT	0.24	0.24	0.48	21.6	21.6	21.6
119+00 123+00 RT	0.23	0.23	0.46	20.7	20.7	20.7
APPLE RIVER ROAD						
10+81 15+00 LT	0.33	0.33	0.66	30	30	30
16+00 17+42 LT	0.08	0.08	0.16	7.2	7.2	7.2
10+81 14+50 RT	0.22	0.22	0.44	19.8	19.8	19.8
15+55 17+42 RT	0.11	0.11	0.22	10	10	10
<b>TOTAL</b>	<b>1.75</b>	<b>1.75</b>	<b>3.50</b>	<b>160.0</b>	<b>160.0</b>	<b>160.0</b>

TOTAL QUANTITIES FOR SEEDING, CLASS 2 AND MULCH, METHOD 2 WERE ROUNDED TO THE NEAREST 0.25 ACRE.  
 TOTAL QUANTITY FOR NUTRIENTS IS THE ROUNDED SEEDED AREA X 90 LBS./ACRE ROUNDED TO THE NEAREST 10 LBS.  
 TOTAL QUANTITY FOR LIMESTONE IS THE ROUNDED SEEDED AREA X 2 TONS/ACRE.

### ESTIMATED QUANTITIES

ESTIMATED QUANTITIES		
THE FOLLOWING ITEMS INCLUDE ESTIMATED QUANTITIES FOR HANDLING TEMPORARY EROSION CONTROL (SEE SPECIAL PROVISIONS)		
ITEMS	UNIT	TOTAL
AGGREGATE (EROSION CONTROL)	TON	30
TEMPORARY EROSION CONTROL SEEDING	LBS	200
PERIMETER EROSION CONTROL BARRIER	FOOT	1,000

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

### SCHEDULE OF QUANTITIES

SCALE: NONE  
 DATE: 7/07

DRAWN BY: SGL  
 CHECKED BY: FML