

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315	(28)N,TS	HANCOCK	78	12
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

**EARTH EXCAVATION**

STATION TO STATION	EARTH EXCAVATION	EARTH EXCAV ADJUSTED FOR SHRINKAGE (EXCV. X 0.75)	EMBANKMENT	BALANCE WASTE (+) BORROW (-)
	CU YD		CU YD	CU YD
FAP 315 (US 136/BUCHANAN)				
STA 74+60.84 TO STA 81+86.33	120.3	90.2	8.2	82.0
FAP 514 (ILL 94/MADISON)				
STA 652+68.53 TO STA 655+78.21	66.0	49.5	14.7	34.8
CE'S TO BE ABANDONED/RELOCATED				
CE STA 653+85.50 LT			27.3	(27.3)
CE STA 655+00.00 LT			23.0	(23.0)
CE STA 655+09.74 RT			16.7	(16.7)
TOTAL	186.3	139.7	89.9	49.8
USE	190.0			

NOTE: A 25% SHRINKAGE FACTOR WAS USED TO DETERMINE ANY WASTE OR BORROW QUANTITY.

**SUBBASE GRANULAR MATERIAL, TYPE B**

LOCATION	LENGTH	WIDTH	AREA	SUB GRAN MAT. TY B
	FOOT	FOOT	SO YD	TON
NW CORNER - UNDER				
B-6.12 CURB & GUTTER	477.3	2	106.1	24.2
PCC BASE COURSE WIDENING	VARIES	VARIES	134.6	30.7
NE CORNER - UNDER				
B-6.12 CURB & GUTTER	320.8	2	71.3	16.2
PCC BASE COURSE WIDENING	VARIES	VARIES	120.4	27.4
SE CORNER - UNDER				
B-6.12 CURB & GUTTER	288.6	2	64.1	14.6
PCC BASE COURSE WIDENING	VARIES	VARIES	100.9	23.0
SW CORNER - UNDER				
B-6.12 CURB & GUTTER	434.8	2	96.6	22.0
PCC BASE COURSE WIDENING	VARIES	VARIES	80.5	18.3
PARKING LOT - NW CORNER				
B-6.12 CURB & GUTTER	39.3	2	8.7	2.0
TOTAL				178.4
USE				179

**HOT-MIX ASPHALT SURFACE REMOVAL (BUTT JOINT)**

LOCATION	A	B	WIDTH	AREA
			FOOT	SO YD
FAP 315 (US 136/BUCHANAN)	74+60.84	74+70.64	38.0	42.2
FAP 315 (US 136/BUCHANAN)	81+76.33	81+86.33	38.0	42.2
FAP 514 (IL 94/MADISON)	652+68.53	652+78.53	34.4	38.2
MADISON (SOUTH)	655+68.21	655+78.21	27.1	30.1
TOTALS				152.7
USE				153

**SEEDING, FERTILIZING, MULCHING**

LOCATION	SEEDING CLASS 2	TEMP EROS CTRL SEED	NITROGEN FERTILIZER NUTRIENT	PHOSPHORUS FERTILIZER NUTRIENT	POTASSIUM FERTILIZER NUTRIENT	AGRICULTURAL LIMESTONE	MULCH METHOD 3
	ACRE	LB	LB	LB	LB	TON	ACRE
NW CORNER	0.07	7.0	6.3	6.3	6.3	0.14	0.07
NE CORNER	0.05	5.0	4.5	4.5	4.5	0.10	0.05
SE CORNER	0.04	4.0	3.6	3.6	3.6	0.08	0.04
SW CORNER	0.07	7.0	6.3	6.3	6.3	0.14	0.07
TOTAL	0.24	24.0	20.7	20.7	20.7	0.46	0.24
USE	0.25	25.0	21.0	21.0	21.0	0.50	0.25

**PAVEMENT REMOVAL**

LOCATION	LENGTH	WIDTH	AREA
	FOOT	FOOT	SO YD
NW CORNER			
FAP 514 - STA. 652+68.53 TO STA. 653+63.99	95.5	1	10.6
AROUND RADIUS	86.5	1	9.6
FAP 315 - STA. 74+60.84 TO STA. 75+12.43	51.6	1	5.7
FAP 315 - STA. 75+49.07 TO STA. 76+17.64	68.6	1	7.6
FAP 315 - STA. 76+79.24 TO STA. 77+68.33	89.1	1	9.9
PARKING LOT AT CORNER	VARIES	VARIES	11.6
NE CORNER			
FAP 514 - STA. 652+68.53 TO STA. 653+65.10	96.6	1	10.7
AROUND RADIUS	110.4	1	12.3
FAP 315 - STA. 78+74.00 TO STA. 80+36.58	162.6	1	18.1
PARKING LOT AT CORNER	VARIES	VARIES	27.1
CE AT STA. 79+23.2 LT	43.6	5.3	25.7
CE AT STA 80+09.10 LT	43.3	2.7	13.0
SE CORNER			
ON MADISON - STA. 653+13.46 TO STA. 655+27.18	13.7	1	1.5
AROUND RADIUS	64.8	1	7.2
FAP 315 - STA. 78+74.00 TO STA. 80+96.18	222.2	1	24.7
PARKING LOT AT CORNER	VARIES	VARIES	13.6
CE AT STA 79+89.70 RT	48.4	VARIES	31.7
SW CORNER			
ON MADISON - STA. 655+35.00 TO STA. 655+78.21	51.0	1	5.7
AROUND RADIUS	95.4	1	10.6
FAP 315 - STA. 74+60.84 TO STA. 75+13.20	52.4	1	5.8
FAP 315 - STA. 75+61.66 TO STA. 77+66.91	205.3	1	22.8
CENTER OF INTERSECTION			
654+25 - 40.25' LT - MH			6.0
654+75 - 33.6' LT - MH			6.0
654+75 - 7' RT - MH	10	10	11.1
654+75 - 33.25' RT - MH			6.0
654+12.5 - 31.5' RT - MH			6.0
TOTAL			323.9
USE			324

**INLET AND PIPE PROTECTION**

LOCATION	SIDE	EACH
STA 654+00	61' RT	1
TOTAL		1

**HOT-MIX ASPHALT SURFACE REMOVAL (VARIABLE DEPTH)**

LOCATION	HOT-MIX ASPHALT REMOVAL 2-1/2" & VARIES
	SO YD
FAP 315 (US 136/BUCHANAN STREET)	3080
FAP 514 (IL 94/MADISON STREET) NORTH LEG	738
(MADISON STREET) SOUTH LEG	402
TOTALS	4220

**COMBINATION CURB AND GUTTER REMOVAL**

Station to Station	CURB & GUTTER REMOVAL (FT)
NW CORNER	
FAP 514 - STA. 652+68.53 TO STA. 653+63.99	95.5
AROUND RADIUS	86.5
FAP 315 - STA. 74+60.84 TO STA. 75+12.43	51.6
FAP 315 - STA. 75+49.07 TO STA. 76+17.64	68.6
FAP 315 - STA. 76+79.24 TO STA. 77+68.33	89.1
NE CORNER	
FAP 514 - STA. 652+68.53 TO STA. 653+65.10	96.6
AROUND RADIUS	110.4
FAP 315 - STA. 78+74.00 TO STA. 80+36.58	162.6
SE CORNER	
ON MADISON - STA. 655+13.46 TO STA. 655+27.18	13.7
AROUND RADIUS	64.8
FAP 315 - STA. 78+74.00 TO STA. 80+96.18	222.2
SW CORNER	
ON MADISON - STA. 655+35.00 TO STA. 655+78.21	43.2
AROUND RADIUS	95.4
FAP 315 - STA. 74+60.84 TO STA. 75+13.20	52.4
FAP 315 - STA. 75+61.66 TO STA. 77+66.91	205.3
TOTAL	1457.9
USE	1458

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION SCHEDULE OF QUANTITIES
NAME	DATE	
		SHEET 1 OF 5 FAP 315 (US 136) AND FAP 514 (IL 94) SECTION (28)N,TS HANCOCK COUNTY  VERT. NONE SCALE: HORIZ. DATE: MAY, 2010 DRAWN BY DJK CHECKED BY DBS