

MIXTURE REQUIREMENTS

LOCATIONS	BASE COURSE WIDENING	HMA BINDER COURSE (LEVEL BINDER)	HMA SURFACE COURSE
MIXTURE USE(S):	BASE CSE WID, 10"	POLY HMA BINDER CSE, MIX B, N105, IL-12.5	POLY SURF CSE, MIX E, N105
AC/PG:	PG64-22	SBS PG76-22	SBS PG76-22
RAP % (MAX.):	10	0	0
DESIGN AIR VOIDS:	4.0%, 90 GYRATION DESIGN	4.0%, 105 GYRATION DESIGN	4.0%, 105 GYRATION DESIGN
MIXTURE COMPOSITION: (GRADATION MIXTURE)	IL-19.0	IL-12.5mm (MAXIMUM AGGREGATE SIZE SHALL BE CA 13)	IL-9.5mm OR IL-12.5mm
FRICITION AGGREGATE:	NONE	NONE	E SURFACE

PAVING SCHEDULE

LOCATION	SUB GRAN MAT A (TON)	PCC PAVEMENT 10" (SQ YD)	BASE CSE WID 10" (SQ YD)	COMB CC&G TB-6.24 (FOOT)	PCC SIDEWALK (SQ FT)	BITUM MAT (PR CT) (GALLON)	POLY LEVEL BIND MM N105 (TON)	POLY HMA SURF CSE E N105 (TON)	PCC DRIVEWAY PAV'T 8" (SQ YD)
STAGE I LT. STA. 85+86.20 TO LT. STA. 86+93.80 LT. STA. 84+83.83 TO LT. STA. 87+41.52	180	219	207						
STAGE II RT. STA. 85+86.20 TO RT. STA. 86+93.80 RT. STA. 85+46.00 TO RT. STA. 87+09.00	225	308		108	815				
POST STAGE II LT. STA. 84+85.40 TO LT. STA. 84+92.70 LT. STA. 85+41.30 TO LT. STA. 85+47.40 LT. STA. 85+81.90 TO LT. STA. 87+40.00 LT. STA. 84+83.80 TO LT. STA. 85+49.10 LT. STA. 85+80.70 TO LT. STA. 87+41.60 LT. STA. 85+35.40 TO LT. STA. 85+94.30 STA. 85+86.20 TO STA. 86+93.80 LT. STA. 85+64.57				82 171 59*	37 31 791	48	37	37	59
TOTAL	405	527	207	420	1674	48	37	37	59

* DEPRESSED CURB SECTION

TRAFFIC CONTROL SCHEDULE

LOCATION	TEMP CONC BARRIER (FOOT)	RELOCATE TEMP CONC BARRIER (FOOT)	IMPACT ATTENUATORS (NON-REDIRECTIVE) TL2	
			TEMPORARY (EACH)	RELOCATE (EACH)
STAGE I RT. STA. 85+85.00 TO LT. STA. 87+34.69 LT. STA. 87+35.69 TO LT. STA. 87+57.19	150		1	
STAGE II LT. STA. 85+85.00 TO LT. STA. 87+34.91 LT. STA. 85+85.00 TO RT. STA. 87+34.69 RT. STA. 87+35.19 TO RT. STA. 87+57.19 LT. STA. 87+35.91 TO LT. STA. 87+57.41	150	150	1	1
TOTAL	300	150	2	1

SCHEDULE OF DRAINAGE STRUCTURES

LOCATION	DESCRIPTION	LID OR GRATE	OUTLET INVERT
65.0' LT., STA. 87+02.60	END SECTION 24"		381.50
62.5' LT., STA. 86+40.70	END SECTION 30"		380.50
65.9' RT., STA. 85+81.50	END SECTION 36"		379.84
23.0' LT., STA. 87+27.60	INLETS TY A T3F&G	389.25	386.50(N)

STORM SEWER SCHEDULE

LOCATION	DIAMETER	LENGTH
23.8' LT. STA. 87+27.60 TO 64.0' LT. STA. 87+27.50	12"	40
62.0' LT. STA. 85+92.60 TO 62.5' LT. STA. 86+40.00	30"	48
63.9' RT. STA. 85+37.70 TO 65.9' RT. STA. 85+81.50	36"	44

REMOVAL SCHEDULE

LOCATION	COMB CURB GUTTER REM (FOOT)	PAVEMENT REMOVAL (SQ YD)	SIDEWALK REMOVAL (SQ FT)	WORK ZONE PVMT MRK REMOVAL (SQ FT)	STORM SEWER REMOVAL (FOOT)	REMOVE MANHOLES (EACH)	REMOVE INLETS (EACH)
STAGE I LT. STA. 84+83.83 TO LT. STA. 85+47.30 LT. STA. 85+86.40 TO LT. STA. 86+30.55 LT. STA. 86+74.60 TO LT. STA. 87+41.60 LT. STA. 85+86.20 TO LT. STA. 86+17.87 LT. STA. 86+62.13 TO LT. STA. 86+93.80 LT. STA. 84+82.70 TO LT. STA. 84+92.70 LT. STA. 85+41.30 TO LT. STA. 85+51.60 LT. STA. 85+80.00 TO LT. STA. 86+33.20 LT. STA. 86+74.9 TO LT. STA. 87+41.6 LT. STA. 84+85 TO STA. 85+85 RT. STA. 84+85 TO STA. 88+20 LT. STA. 86+95 TO STA. 92+00 61.5' LT. STA. 87+05.00 TO 23.5' LT. STA. 87+28.70 - 12"Ø 64.0' RT. STA. 85+40.2	64 45 79	78 78	40 42 213 334	10 30 44	45	1	
STAGE II RT. STA. 85+86.20 TO RT. STA. 86+17.87 RT. STA. 86+62.13 TO RT. STA. 86+93.80 RT. STA. 85+86.20 TO RT. STA. 86+05.20 RT. STA. 86+48.90 TO RT. STA. 86+93.80 RT. STA. 85+46.00 TO RT. STA. 86+05.00 RT. STA. 86+46.90 TO RT. STA. 87+09.00 RT. STA. 84+85 TO STA. 88+20 LT. STA. 85+85 TO STA. 90+11 RT. STA. 88+20 TO STA. 92+70 63.4' RT. STA. 85+42.60 TO 51.7' RT. STA. 85+90.30 - 36"Ø 23.5' LT. STA. 87+28.7	19 45	78 78	236 249	112 141 40	49		1
POST STAGE II C. E. LT. STA. 85+64.57 STA. 84+85 TO STA. 88+52 STA. 85+85 TO STA. 90+94 STA. 88+52 TO STA. 92+00 LT. STA. 84+83.83 TO LT. STA. 87+41.52		51		123 203 12			
TOTAL	252	570	1114	715	94	1	1

EARTHWORK

LOCATION	*EARTH EXCAVATION (CU YD)	EARTH EXCAVATION ADJUSTED FOR 25% SHRINKAGE (CU YD)	**EMBANKMENT (CU YD)	BORROW EXCAVATION (CU YD)
84+83 to 87+44	125	94	235	141
TOTAL	125	94	235	141

* CUTS FROM CROSS SECTIONS
** FILLS FROM CROSS SECTIONS

SEEDING SCHEDULE

LOCATION	SEEDING CLASS 1B (AC)	FERTILIZER NUTRIENTS			AGRICULTURAL GROUND LIMESTONE (Ton)	MULCH METH 2 (ACRE)
		NITROGEN (LB)	PHOSPHORUS (LB)	POTASSIUM (LB)		
LT. STA. 84+83 TO LT. STA. 87+44	0.1	16	12	12	0.2	0.1
RT. STA. 85+46 TO RT. STA. 86+88	0.1	16	12	12	0.2	0.1
TOTAL	0.2	32	24	24	0.4	0.2

EROSION CONTROL

LOCATION	TEMP EROS CONTR SEED (LB)	PERIMETER EROSION BARRIER (FOOT)	EROSION CONTROL BLANKET (SQ YD)
RT. STA. 85+34 TO RT. STA. 85+86	40	90	
LT. STA. 85+79 TO LT. STA. 86+52	40	77	
RT. STA. 86+16 TO RT. STA. 87+12	40	125	
LT. STA. 86+95 TO LT. STA. 87+38	40	42	
RT. STA. 85+37 TO RT. STA. 86+94			230
LT. STA. 85+82 TO LT. STA. 87+41			320
TOTAL	160	334	550

MARKING SCHEDULE

LOCATION	TEMP PVT MK LINE 4"	PAINT PVT MK LINE 4"	SHORT TERM PVT MK
	WHITE	WHITE	WHITE
STAGE I STA. 84+85 TO STA. 88+20 STA. 85+85 TO STA. 90+11	335 423		
STAGE II STA. 85+85 TO STA. 87+35 STA. 85+85 TO STA. 90+94 STA. 84+85 TO STA. 88+52 STA. 88+52 TO STA. 92+00	150 607 368 36		
POST STAGE II STA. 85+86.20 TO STA. 86+93.80 STA. 84+85 TO STA. 92+00 STA. 84+85 TO STA. 92+70		180 200	24
TOTAL	1919	380	24

ILLINOIS DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES

FAP ROUTE 331
SECTION 5B-3
JACKSON COUNTY

DRAWN BY: J. NIEDERHOFER

PLOT DATE: 06/09/08

REVISIONS	
NAME	DATE

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