

**PROPOSED PAVEMENT RECONSTRUCTION**

LOCATION	FROM STATION	TO STATION	PCC PAVEMENT 10 3/4" (SQ YD)	PCC PAVEMENT 9 3/4" (SQ YD)	GEOTECH. FABRIC (SQ YD)	AGG SUBGRADE IMP. 12" (SQ YD)	STABILIZED SUBBASE HMA, 4 1/2" (SQ YD)	HMA SHOULDERS 12" (SQ YD)
STUENKEL	16002+00.00	16026+01.91	17519.7	-	22118.1	22118.1	21498.0	
STUENKEL	16032+23.65	16074+89.57	25131.2	-	30719.9	30719.9	29948.1	
RAMP A	100+00.00	127+25.64	5665.5	-	9518.6	9518.6	7379.3	
RAMP B	200+00.00	245+00.00	6092.3	-	12250.7	12250.7	8874.2	
RAMP C	300+00.00	332+88.27	6561.3	-	11100.9	11100.9	8472.2	
RAMP D	400+00.00	440+98.99	5259.8	-	11043.4	11043.4	8104.5	
RAMP E	500+39.00	533+61.23	5216.5	-	10163.9	10163.9	7794.7	
RIDGELAND	691+74.34	699+61.11	-	3753.9	4384.8	4384.8	4295.4	
RIDGELAND	700+39.16	709+03.06	-	4033.8	4724.4	4724.4	4625.7	
CENTRAL	795+15.00	799+60.95	-	2882.2	3244.2	3244.2	3193.8	
CENTRAL	800+38.96	804+84.09	-	2543.7	3623.1	3623.1	3565.4	
I-57 SB MEDIAN	1413+92.57	1493+62.16				4936.7		4936.7
I-57 NB MEDIAN	1417+82.67	1499+73.78				4967.5		4967.5
I-57 SOUTH X-OVER	1435+15.52	1443+00.95				1719.9		1719.9
I-57 NORTH X-OVER	1469+14.50	1477+52.37				1803.0		1803.0
I-57 NB OUTSIDE SHLDR.	1434+20.00	1453+78.66				2533.0		2533.0
I-57 NB OUTSIDE SHLDR.	1469+45.24	1475+54.97				784.4		784.4
I-57 SB OUTSIDE SHLDR.	1452+22.05	1459+22.68				3542.5		3542.5
I-57 CULVERTS	-	-				817.5		
TOTAL:			71447	13214	122893	143997	107753	20287

**PORTLAND CEMENT CONCRETE SHOULDERS 10 3/4"**

LOCATION	OFFSET	FROM STATION	TO STATION	QUANTITY (SQ YD)
STUENKEL	LT	16002+00.0	16002+78.4	66.7
STUENKEL	RT	16002+00.0	16002+64.2	54.3
RAMP A	LT	126+23.5	104+00.5	1071.8
RAMP A	RT	126+23.6	104+00.9	1484.5
RAMP B	LT	204+17.9	233+50.3	1362.9
RAMP B	RT	200+00.3	235+50.2	2363.1
RAMP C	LT	331+78.4	303+99.4	1325.4
RAMP C	RT	331+78.5	303+99.4	1852.0
RAMP D	LT	405+24.6	429+30.0	1140.8
RAMP D	RT	400+85.3	430+54.9	1969.9
RAMP E	LT	501+96.5	522+11.4	939.4
RAMP E	RT	501+76.6	524+11.3	1490.5
TOTAL				15122

**CLASS D PATCHES, TYPE II, 8"**

LOCATION	FROM STATION	TO STATION	LANE OFFSET	WIDTH (FT)	LENGTH (FT)	QUANTITY (SQ YD)
STUENKEL-EAST	16074+89.57	16075+04.57	RT	10.26	5	5.7
STUENKEL-EAST	16074+89.57	16075+04.57	LT	10.26	5	5.7
RIDGELAND-NORTH	709+03.06	709+18.06	RT	10.26	5	5.7
RIDGELAND-NORTH	709+03.06	709+18.06	LT	10.26	5	5.7
RIDGELAND-SOUTH	691+74.34	691+59.34	RT	10.53	5	5.9
RIDGELAND-SOUTH	691+74.34	691+59.34	LT	10.53	5	5.9
CENTRAL-NORTH	805+49.78	805+54.78	RT	15.01	5	8.1
CENTRAL-NORTH	805+49.78	805+54.78	LT	15.01	5	8.1
CENTRAL-NORTH	805+49.78	805+54.78	CT	15.01	5	8.1
CENTRAL-SOUTH	795+15.00	795+10.00	RT	14.63	5	8.1
CENTRAL-SOUTH	795+15.00	795+10.00	LT	14.63	5	8.1
CENTRAL-SOUTH	795+15.00	795+10.00	CT	14.63	5	8.1
TOTAL						84

**CLASS A PATCHES, TYPE IV, 8"**

LOCATION	FROM STATION	TO STATION		WIDTH (FT)	LENGTH (FT)	QUANTITY (SQ YD)
SB I-57 SOUTH CULVERT	1449+96.36	1450+34.16	RT	12.99	37.94	54.1
SB I-57 SOUTH CULVERT	1449+96.36	1450+34.16	LT	12.99	37.94	54.1
NB I-57 SOUTH CULVERT	1449+96.81	1450+34.83	RT	12.54	37.85	52.8
NB I-57 SOUTH CULVERT	1449+96.81	1450+34.83	LT	12.54	37.85	52.8
SB I-57 NORTH CULVERT	1463+35.30	1463+87.25	RT	14.63	52.14	73.8
SB I-57 NORTH CULVERT	1463+35.30	1463+87.25	LT	14.63	52.14	73.8
NB I-57 NORTH CULVERT	1462+84.25	1463+36.76	RT	14.49	52.35	73.2
NB I-57 NORTH CULVERT	1462+84.25	1463+36.76	LT	14.49	52.35	73.2
TOTAL						508

ADDITIONAL MATERIALS ACCOMPANYING CLASS A PATCHES, TYPE IV, 8 INCH (ABOVE)  
 INCLUDE: PATCHING REINFORCEMENT  
 POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N90  
 POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "F", N90  
 SAW CUTS  
 TIE BARS 3/4"  
 HOT MIX ASPHALT SHOULDERS, 12"  
 AGGREGATE SUBGRADE IMPROVEMENT (CU YD);  
 AND AGGREGATE SHOULDER, TYPE B.

**DRIVEWAY SCHEDULE**

LOCATION	STATION	OFFSET	AREA (SQ YD)	TYPE	HMA SURFACE COURSE, MIX D, N50 (TON)	AGG BASE COURSE, TYP B 8" (SQ YD)	HMA BASE COURSE, 8" (SQ YD)	CONC CURB TYP B (FOOT)	HIGH EARLY STRENGTH PCC 8" (SQ YD)	
STUENKEL	16013+85.35	LT	78.49	F.E.	8.8	78.5	-	-	-	
STUENKEL	16017+43.52	RT	85.95	F.E.	9.6	85.9	-	-	-	
STUENKEL	16069+39.40	RT	113.97	F.E.	12.8	114.0	-	-	-	
STUENKEL	16071+62.30	LT	126.27	C.E.	14.1	-	126.3	-	-	
STUENKEL	16073+50.00	LT	95.39	C.E.	10.7	-	95.4	-	-	
RIDGELAND	694+89.37	RT	106.05	F.E.	11.9	106.1	-	-	-	
RIDGELAND	704+78.27	LT	135.58	C.E.	15.2	-	135.6	111.7	-	
RIDGELAND	707+80.56	LT	149.33	C.E.	16.7	-	149.3	123.3	-	
CENTRAL	804+74.40	LT	120.78	C.E.	-	-	-	-	120.8	
BIKE PATH PAVEMENT						204.9	1830.0	-	-	
TOTAL:						315.0	2215	507	236	121

NOTE: SEE BD-01/BD-02 FOR ADDITIONAL DRIVEWAY DETAILS.

**HIGH-EARLY-STRENGTH PORTLAND CEMENT CONCRETE PAVEMENT, 11"**

LOCATION	FROM STATION	TO STATION	WIDTH (FT)	LENGTH (FT)	QUANTITY (SQ YD)
CENTRAL	803+53.50	805+49.78	21.5	196.28	397
CENTRAL	803+53.50	805+49.78	12	196.28	269
TOTAL					666

**CLASS SI CONCRETE (OUTLET)**

LOCATION	STATION	OFFSET	LENGTH (FT)	VOLUME (CU YD)
RIDGELAND	691+83.62	LT	28.3	2.52
RIDGELAND	691+71.69	RT	25.21	2.38
RIDGELAND	709+05.71	LT	19.9	2.15
RIDGELAND	708+83.74	RT	14.12	1.89
RAMP A	126+21.42	RT	24.51	2.37
RAMP A	126+21.31	LT	24.51	2.37
RAMP E	501+78.91	RT	24.51	2.37
RAMP E	501+98.68	LT	24.51	2.37
RAMP D	405+26.48	LT	24.75	2.38
RAMP C	331+76.20	LT	24.51	2.37
RAMP C	331+76.31	LT	24.51	2.37
TOTAL:				25.6

**TIE BARS 3/4"**

LOCATION	FROM STATION	TO STATION	WIDTH (FT)	LENGTH (FT)	SPACING (FT)	QUANTITY (EACH)
SB I-57 SOUTH CULVERT-PATCH	1449+96.36	1450+34.16	25.97	37.94	2.50	16
NB I-57 SOUTH CULVERT-PATCH	1449+96.81	1450+34.83	25.07	37.85	2.50	16
SB I-57 NORTH CULVERT-PATCH	1463+35.30	1463+87.25	29.26	52.14	2.50	21
NB I-57 NORTH CULVERT-PATCH	1462+84.25	1463+36.76	28.98	52.35	2.50	21
TOTAL						74.0

**PORTLAND CEMENT CONCRETE SIDEWALK, 5 INCH**

LOCATION	OFFSET	FROM STATION	TO STATION	QUANTITY (SQ FT)
STUENKEL ROAD	LT	16056+80.06	16057+38.43	844.33
STUENKEL ROAD	LT	16071+34.99	16071+46.27	112.11
STUENKEL ROAD	LT	16071+78.31	16071+89.59	112.11
STUENKEL ROAD	LT	16073+24.85	16073+36.14	112.11
STUENKEL ROAD	LT	16073+64.17	16073+75.46	112.11
TOTAL:				1293

TYLIN INTERNATIONAL

USER NAME: JTP  
 PLOT SCALE:  
 PLOT DATE:

DESIGNED: JTP  
 DRAWN: JTP  
 CHECKED: JPM  
 DATE: 05/10/2013

REVISED: 06/21/2013  
 REVISED: 10/18/2013  
 REVISED:  
 REVISED:

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

STUENKEL ROAD AT I-57 RIDGELAND AVENUE TO CENTRAL AVENUE  
 SCHEDULE OF QUANTITIES - PAVEMENT

SCALE: N.T.S. SHEET 1 OF 4 SHEETS STA. TO STA.

F.A.I. RTE. 57 SECTION 99-1HB-R1 COUNTY WILL TOTAL SHEETS 679 SHEET NO. 55 CONTRACT NO. 60L69 ILLINOIS FED. AID PROJECT