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LIST OF STANDARDS

- 442001-04 CLASS A PATCHES
- 701400-05 APPROACH TO LANE CLOSURE, FREEWAY / EXPRESSWAY
- 701401-06 LANE CLOSURE, FREEWAY / EXPRESSWAY
- 701411-08 LANE CLOSURE, MULTILANE, AT ENTRANCE OR EXIT RAMP, FOR SPEEDS > 45 MPH
- 701426-04 LANE CLOSURE, MULTILANE, INTERMITTENT OR MOVING OPER., FOR SPEEDS > 45 MPH
- 701901-02 TRAFFIC CONTROL DEVICES
- 780001-03 TYPICAL PAVEMENT MARKINGS
- 781001-03 TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS

GENERAL NOTE

1. THE STANDARDS AND REVISION NUMBERS SHALL APPLY TO THIS PROJECT.
2. ILLINOIS STATE LAW REQUIRES A 48 HOUR NOTICE TO BE GIVEN TO ALL UTILITIES BEFORE DIGGING. FIELD MARKING OF FACILITIES MAY BE OBTAINED BY CONTACTING J.U.L.I.E. OR FOR NON MEMBERS, THE UTILITY COMPANY DIRECTLY. AGENCIES KNOWN TO HAVE FACILITIES WITHIN THE PROJECT AREA ARE AS FOLLOWS:

UTILITY	ABOVE GROUND	BELOW GROUND
*AMEREN ILLINOIS	X	X
*AMEREN MISSOURI	X	X
*ATMOS ENERGY CORPORATION		X
*AT&T	X	X
*CHARTER COMMUNICATIONS	X	X
*CLEARVISION CABLE SYSTEMS, INC	X	X
*FMC WATER COMPANY		X
*FRONTIER NORTH, INC.	X	X
*CITY OF KINMUNDY		X
*MARATHON PETROLEUM COMPANY, LLC	X	X
*NORTHEAST MARION COUNTY WATER COMPANY		X
*MCLEAD TELECOMMUNICATIO SERVICES, LLC	X	X
*CITY OF SALEM		X
*SOUTHEASTERN ELECTRIC COOPERATIVE, INC	X	X
*TRI-COUNTY ELECTRIC COOPERATIVE	X	X
*US SONET, LLC	X	X
*WINDSTREAM KDL, INC.	X	X
* = JULIE MEMBER		

3. THE SURFACE REMOVAL THICKNESS OF THE EXISTING HMA OVERLAY MAY VARY FROM THAT SHOWN ON THE PLANS. NO ADDITIONAL PAYMENT WILL BE MADE FOR ACCOMODATING THE VARIATION IN EXISTING HMA THICKNESS.

4. THE THICKNESS OF THE HMA MIXTURE SHOWN ON THE PLANS IS THE NOMINAL THICKNESS. DEVIATIONS FROM THE NOMINAL THICKNESS WILL BE PERMITTED WHEN SUCH DEVIATIONS OCCUR DUE TO IRREGULARITIES IN THE EXISTING SURFACE OR BASE ON WHICH THE HMA MIXTURE IS PLACED.

5. AN ESTIMATED 137,000 TONS OF HMA WILL BE REMOVED.

6. AN ESTIMATED 29,400 TONS OF HMA SURFACE COURSE TO BE REMOVED FROM STATION 1874+15 TO STATION 2550+01. THIS MATERIAL IS "UNCRUSHED GRAVEL" & RAP RESTRICTIONS APPLY PER SPECIAL PROVISIONS.

7. ALL AREAS DISTURBED FOR ANY REASON SHALL BE SEEDED AND MULCHED AS DIRECTED BY THE ENGINEER. NUTRIENTS SHALL CONFORM TO ARTICLE 250.04 OF THE STANDARD SPECIFICATIONS. NO EXTRA PAYMENT WILL BE MADE FOR SUCH WORK.

8. THE CONTRACTOR AND THE ENGINEER SHALL BE AWARE THAT NO SURVEY WAS PERFORMED FOR THIS PROJECT. THE STATIONING SHOWN IN THE PLANS WAS CREATED USING MICROFILM AND FIELD MEASUREMENTS MADE BY DESIGN PERSONNEL. BOTH SHALL BE CONSIDERED APPROXIMATE.

9. THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CONDITIONS IN THE FIELD PRIOR TO CONSTRUCTION AND ORDERING OF MATERIALS.
10. "ROAD CONSTRUCTION AHEAD" SIGNS SHALL BE PLACED AT THE BEGINNING OF THE PROJECT PLUS ALL INTERSECTING SIDE ROADS AND RAMP AND WILL BE INCLUDED IN THE TRAFFIC CONTROL PAY ITEMS. ALL CONSTRUCTION SIGNS SHALL BE 48" FLOURESCENT ORANGE.
11. SHORT-TERM PAVEMENT MARKING SHALL BE APPLIED TO THE HMA BINDER COURSE. A QUANTITY FOR TEMPORARY PAVEMENT MARKING EQUAL TO THE AMOUNT OF PERMANENT PAVEMENT MARKING HAS BEEN INCLUDED IN THE PLANS.
12. ALL TEMPORARY PAVEMENT MARKINGS SHALL BE PLACED IN SUCH A WAY AS NOT TO INTERFERE WITH THE PLACEMENT OF PERMANENT PAVEMENT MARKINGS.
13. APPROXIMATELY 960 SQUARE YARDS OF PCC PATCHES WITHIN THE PROJECT LIMITS WILL BE SUBJECT TO THE HMA SURFACE REMOVAL OPERATIONS OF THE DEPTHS SPECIFIED IN THE PLANS. THE COST OF MILLING THESE PATCHES SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE OF THE HMA REMOVAL ITEMS IN THE CONTRACT AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
14. THE PORTABLE CHANGEABLE MESSAGE SIGNS SHALL BE PLACED AS DIRECTED BY THE ENGINEER. NO ADDITIONAL COMPENSATION SHALL BE ALLOWED FOR RELOCATION OF THESE SIGNS.
15. ONCE THE ENTIRE EXISTING HMA OVERLAY IS MILLED TO THE TOP OF THE EXISTING PAVEMENT, PCC TRAFFIC CANNOT BE RETURNED TO THAT AREA UNTIL HMA BINDER COURSE IS PLACED.
16. THE INTENT OF THIS CONTRACT IS TO MILL TO THE TOP OF THE EXISTING CONCRETE AND RESURFACE TO MEET EXISTING SHOULDERS WHILE MAINTAINING PROPER CROSS SLOPE.
17. PCC PATCHES SHALL BE POURED TO THE FULL DEPTH OF EXISTING PAVEMENT, WHICH MAY EXCEED THE NOMINAL 13 INCHES SHOWN IN THE PLANS.
18. THE PAY PERFORMANCE ITEMS AND QUANTITIES ARE AS FOLLOWS:
HMA POLY SURFACE COURSE - 57,698 TONS
HMA POLY FINE GRADE BINDER COURSE - 79,336 TONS
19. DOUBLE LANE LINE MARKERS SHALL BE UTILIZED ACCORDING TO STANDARD 781001-3.
20. FOR CLASS A PATCHES, THE REINFORCEMENT SHALL BE PLACED ACCORDING TO THE EXISTING CONCRETE PAVEMENT.
21. IN AREAS WHERE PATCHING OPERATIONS OCCUR WITHIN THE LIMITS OF THE REDUCED RESURFACING THICKNESS NEAR OVERHEAD STRUCTURES, THE DEPTH OF THE PATCHING SHALL BE REDUCED TO MEET THE EXISTING PAVEMENT THICKNESS
22. THE CONTRACTOR SHOULD BE AWARE THERE ARE HORIZONTAL CURVES WITHIN THE PROJECT LIMITS THAT MAY BE SUPERELEVATED. THE CONTRACTOR SHALL VERIFY THE EXISTING SUPERELEVATION AND MATCH EXISTING CROSS-SLOPE. THESE CROSS-SLOPES MAY BE CONTRARY TO THE TYPICAL SECTIONS.

STATION EQUATIONS

STA. 2007+34.30 BK = STA. 2020+18 AH
 STA. 2437+19.69 CL = STA. 2437+19.59 RT
 STA. 2490+44.72 CL = STA. 2491+57.31 RT

COMMITMENTS

NONE

MIXTURE REQUIREMENTS

ROUTE	I-57
SECTION	61-R2-2
COUNTY	MARION
CONTRACT	76F90

DESCRIPTION:	MILLING AND RESURFACING ON I-57 FROM 0.8 MILES SOUTH OF US 50 TO THE FAYETTE COUNTY LINE.
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ADT (Construction Yr):	20300
MU%:	37
SU%:	3
20 YR. ESAL'S:	44.83

MIXTURE USE	POLY SURFACE	POLY FINE GRADE BINDER		
AC/PC	SBS PG 76-22	SBS PG76-22		
RAP % (MAX)	SEE SPEC.	SEE SPEC.		
DESIGN AIR VOIDS	4.0% @ Ndes=90	4.0% @ Ndes=90		
MIX COMPOSITION				
(GRADATION MIXTURE)	IL 12.5/9.5	FINE GRADE IL 19.0		
FRICTION AGG	MIXTURE "E"	MIXTURE "B"		

** Top Lift Shoulders - Design this mix at 2.0% voids and add asphalt to reduce voids 1.5%

Plan quantities for HMA items are calculated using a unit weight of 112 lb/sq yd/in (59.8 kg/sq m/25 mm thickness).

REVISIED SHEET 6-1-2012

FILE NAME	USER NAME = ch1091	DESIGNED - GEL	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	INDEX OF SHEETS, GENERAL NOTES, & LIST OF STANDARDS	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
PLLOT SCALE = 1/8" = 1'-0"	PLLOT DATE = 4/30/2012	DRAWN - LAC	REVISED -			57	61-23.3-14.5.5-1.61 RS-2	MARION	8	2
		CHECKED - MDP	REVISED -			SCALE:	SHEET NO. OF SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT
		DATE - 3/20/2012	REVISED -							CONTRACT NO. 76F90

PAVEMENT MARKING SCHEDULE

STATION	LENGTH	8" WHITE SOLID	4" WHITE SKIP DASH 10'-30'	4" YELLOW SOLID	4" WHITE SOLID	RRPM	RRPM REMOVAL	SHORT TERM PAVEMENT MARKING	TEMP PAVEMENT MARKING 4"	TEMP PAVEMENT MARKING 8"	WORK ZONE PAVE. MARK REMOVAL
RT (NB)		FOOT	FOOT	FOOT	FOOT	EACH	EACH	FOOT	FOOT	FOOT	SO. FOOT
1874+15.00 TO 1886+04.77	1190	0	297	1190	1190	30	30	203	2677	0	960
1887+74.10 TO 1904+53.30	1679	0	420	1679	1679	42	42	287	3778	0	1355
1905+94.33 TO 1915+93.22	999	0	250	999	999	24	24	171	2248	0	806
1917+60.71 TO 1921+00.00	339	0	85	339	0	8	8	44	424	0	156
1921+00.00 TO 1922+50.00	150	150	38	150	0	10	10	20	188	150	169
1922+50.00 TO 1934+50.00	1200	0	300	1200	1200	30	30	205	2700	0	968
1934+50.00 TO 1941+00.00	650	0	163	650	0	16	16	85	813	0	299
1941+00.00 TO 2007+34.30	6634	0	1659	6634	6634	166	166	1134	14927	0	5354
2020+18.00 TO 2092+69.62	7252	0	1813	7252	7252	182	182	1239	16316	0	5852
2094+95.50 TO 2437+19.69	34224	0	8556	34224	34224	856	856	5849	77004	0	27618
2437+19.59 TO 2486+20.00	4900	0	1225	4900	4900	122	122	838	11026	0	3954
2486+20.00 TO 2491+57.31	537	0	134	537	0	14	14	70	672	0	247
2490+44.72 TO 2492+00.00	155	155	39	155	0	10	10	20	194	155	175
2492+00.00 TO 2515+00.00	2300	0	575	2300	2300	58	58	393	5175	0	1856
2515+00.00 TO 2524+75.00	975	0	244	975	0	24	24	128	1219	0	449
2524+75.00 TO 2654+81.28	13006	0	3252	13006	13006	326	326	2223	29264	0	10496
2656+41.78 TO 2753+09.11	9667	0	2417	9667	9667	242	242	1652	21751	0	7801
2754+89.11 TO 2862+79.00	10790	0	2697	10790	10790	270	270	1844	24277	0	8707
LT (SB)											
1874+15.00 TO 1886+04.77	1190	0	297	1190	1190	30	30	203	2677	0	960
1887+74.10 TO 1904+53.30	1679	0	420	1679	1679	42	42	287	3778	0	1355
1905+94.33 TO 1915+93.22	999	0	250	999	999	24	24	171	2248	0	806
1917+60.71 TO 1921+50.00	389	0	97	389	0	10	10	51	487	0	179
1921+50.00 TO 1932+50.00	1100	0	275	1100	1100	28	28	188	2475	0	888
1932+50.00 TO 1934+20.00	170	170	43	170	0	10	10	22	213	170	192
1934+20.00 TO 1939+62.53	543	0	136	543	0	26	26	71	678	0	250
1939+62.53 TO 2007+34.30	6772	0	1693	6772	6772	170	170	1157	15236	0	5465
2020+18.00 TO 2092+69.62	7252	0	1813	7252	7252	182	182	1239	16316	0	5852
2094+95.50 TO 2479+20.00	38425	0	9606	38425	38425	960	960	6567	86455	0	31007
2479+20.00 TO 2489+00.00	980	0	245	980	0	24	24	128	1225	0	451
2489+00.00 TO 2512+00.00	2300	0	575	2300	2300	58	58	393	5175	0	1856
2512+00.00 TO 2513+50.00	150	150	38	150	0	10	10	20	188	150	169
2513+50.00 TO 2518+75.00	525	0	131	525	0	14	14	69	656	0	242
2518+75.00 TO 2655+30.50	13656	0	3414	13656	13656	342	342	2334	30725	0	11020
2656+91.00 TO 2752+74.89	9584	0	2396	9584	9584	240	240	1638	21564	0	7734
2754+54.89 TO 2862+79.00	10824	0	2706	10824	10824	270	270	1850	24354	0	8735
TOTALS		625	48296	193185	187621	4870	4870	32794	429102	625	154382
				380806							

△ REVISED SHEET 6-1-2012

FILE NAME =	USER NAME = chidsl	DESIGNED - GEL	REVISIONS -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PAVEMENT MARKING SCHEDULE	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
ct:\pwork\pwork\chidsl\08301187\0876190-	t-plan.dgn	DRAWN - LAC	REVISIONS -			57	61-233-1,4,5,5-1,61 RS-2	MARION	8	6
PLOT SCALE = 100:1218 / in.	CHECKED - MDP	DATE - 3/20/2012	REVISIONS -			CONTRACT NO. 76F90				
PLOT DATE = 4/30/2012						ILLINOIS FED. AID PROJECT				

CLASS A PATCHES - 13"

STATION	RT (NB)	LENGTH (FEET)	WIDTH (FEET)	TYPE II (SQ YD)	TYPE III (SQ YD)	TYPE IV (SQ YD)	SAW CUT (FEET)	TIE BARS (EACH)	PATCHING REINFORCEMENT (SQ YD)
2277+31.60	PL	10.0	12.0	13.3			68.0		13.3
2277+58.00	PL	8.0	12.0	10.7			64.0		10.7
2277+68.56	DL	7.0	12.0	9.3			62.0		9.3
2277+94.96	DL	6.0	12.0	8.0			60.0		8.0
2334+97.36	PL	18.0	12.0		24.0		84.0		24.0
2335+50.16	PL	6.0	12.0	8.0			60.0		8.0
2335+92.40	DL	40.0	12.0			53.3	128.0	20	53.3
2335+92.40	PL	29.0	12.0			38.7	106.0	14	38.7
2336+13.52	DL	90.0	12.0			120.0	228.0	45	120.0
2336+24.08	PL	26.0	12.0			34.7	100.0	13	34.7
2336+66.32	PL	30.0	12.0			40.0	108.0	15	40.0
2521+72.72	PL	9.0	12.0	12.0			66.0		12.0
2647+02.16	DL	10.0	12.0	13.3			68.0		13.3
2647+44.40	DL	18.0	12.0		24.0		84.0		24.0
LT (SB)									
2799+82.48	DL	10.0	12.0	13.3			68.0		13.3
2798+98.00	DL	12.0	12.0		16.0		72.0		16.0
2798+02.96	DL	18.0	12.0		24.0		84.0		24.0
2774+32.24	DL	16.0	12.0		21.3		80.0		21.3
2771+78.80	DL	17.0	12.0		22.7		82.0		22.7
2770+46.80	DL	25.0	12.0			33.3	98.0	12	33.3
2770+20.40	DL	6.0	12.0	8.0			60.0		8.0
2768+51.44	DL	15.0	12.0		20.0		78.0		20.0
2766+87.76	DL	18.0	12.0		24.0		84.0		24.0
2765+08.24	DL	28.0	12.0			37.3	104.0	14	37.3
2756+84.56	DL	48.0	12.0			64.0	144.0	24	64.0
2755+10.32	DL	30.0	12.0			40.0	108.0	15	40.0
2750+61.52	DL	91.0	12.0			121.3	230.0	45	121.3
2749+98.16	DL	55.0	6.0			36.7	134.0	27	36.7
2740+74.16	DL	51.0	12.0			68.0	150.0	25	68.0
TOTALS				95.9	176.0	687.3	2862.0	269	959.2

DL = DRIVING LANE
PL = PASSING LANE

PAVING SCHEDULE

STATION	HMA SURFACE REMOVAL 4 3/4"	BITUMINOUS MATERIALS (PRIME COAT)	AGGREGATE (PRIME COAT)	POLY HMA BINDER IL-19, FG, N90	POLY HMA SURFACE MIX E, N90					
RT (NB)	SQ YD	TONS	TONS	TONS	TONS					
1874+15.00 TO 1886+04.77	3172.7	1.00	4.76	488.6	355.3					
1887+74.10 TO 1904+53.77	4477.9	1.41	6.72	689.6	501.5					
1905+94.33 TO 1915+93.30	2663.7	0.84	4.00	410.3	298.3					
1917+60.71 TO 2007+34.30	23929.6	7.49	35.90	3685.2	2680.1					
2020+18.00 TO 2092+69.62	19337.7	6.06	29.01	2978.0	2165.8					
2094+95.50 TO 2437+19.69	91264.5	28.56	136.90	14054.8	10221.6					
2437+19.69 TO 2491+57.31	14500.3	4.54	21.76	2233.1	1624.0					
2490+44.72 TO 2654+81.28	43830.8	13.72	65.75	6750.0	4909.1					
2656+41.78 TO 2753+09.11	25779.5	8.07	38.67	3970.1	2887.3					
2754+89.11 TO 2862+79.00	28773.0	9.01	43.16	4431.1	3222.6					
LT (SB)										
1874+15.00 TO 1886+04.77	3172.7	1.00	4.76	488.6	355.3					
1887+74.10 TO 1904+53.77	4477.9	1.41	6.72	689.6	501.5					
1905+94.33 TO 1915+93.30	2663.7	0.84	4.00	410.3	298.3					
1917+60.71 TO 2007+34.30	23929.6	7.49	35.90	3685.2	2680.1					
2020+18.00 TO 2092+69.62	19337.7	6.06	29.01	2978.0	2165.8					
2094+95.50 TO 2655+30.50	149426.7	46.76	224.14	23011.8	16735.8					
2656+91.00 TO 2752+74.89	25557.0	8.00	38.34	3935.8	2862.4					
2754+54.89 TO 2862+79.00	28864.3	9.04	43.30	4445.2	3232.8					
TOTALS						515,159	161.3	772.8	79336.3	57697.8

TEMPORARY RAMP SCHEDULE

STATION	DIRECTION	LENGTH FT	WIDTH FT	AREA SQ YD
MAINLINE				
1874+15.0	NB	7	24	19
1874+15.0	SB	7	24	19
1886+04.8	NB	7	24	19
1886+04.8	SB	7	24	19
1887+74.1	NB	7	24	19
1887+74.1	SB	7	24	19
1904+53.3	NB	7	24	19
1904+53.3	SB	7	24	19
1905+94.3	NB	7	24	19
1905+94.3	SB	7	24	19
1915+93.2	NB	7	24	19
1915+93.2	SB	7	24	19
1917+60.7	NB	7	24	19
1917+60.7	SB	7	24	19
2092+69.6	NB	7	24	19
2092+69.6	SB	7	24	19
2094+95.5	NB	7	24	19
2094+95.5	SB	7	24	19
2654+81.3	NB	7	24	19
2655+30.5	SB	7	24	19
2656+41.8	NB	7	24	19
2656+91.0	SB	7	24	19
2753+09.1	NB	7	24	19
2752+74.9	SB	7	24	19
2754+89.1	NB	7	24	19
2754+89.1	SB	7	24	19
2862+79.0	SB	7	24	19
RAMPS				
1917+60.7	NB	6	339	227
1917+60.7	SB	6	389	260
1934+50.0	NB	6	650	434
1934+20.0	SB	6	543	362
2486+20.0	NB	6	537	359
2479+20.0	SB	6	980	654
2515+00.0	NB	6	975	650
2513+50.0	SB	6	525	350
TOTALS				3828

REVISIED SHEET 6-1-2012

FILE NAME =	USER NAME = chldsl	DESIGNED - GEL	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SCHEDULES	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
cd:\pwwork\pudat\chldsl\0820187\0876790-	trplan.dgn	DRAWN - LAC	REVISED -			57	61-2.33-1.455-1.61 RS-2	MARION	8	7	
PLOT SCALE = 1/8"=1'-0"		CHECKED - NDP	REVISED -			CONTRACT NO. 76F90					
PLOT DATE = 4/30/2012		DATE = 3/20/2012	REVISED -			ILLINOIS FED. AID PROJECT					