

GENERAL NOTES

1. ILLINOIS STATE LAW REQUIRES A 48-HOUR NOTICE 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:

- AMEREN ILLINOIS - GAS & ELECTRIC
- AT&T ILLINOIS - COMMUNICATIONS
- JERSEY COUNTY RURAL WATER COMPANY - WATER
- M.J.M. ELECTRIC COOPERATIVE, INC. - ELECTRIC
- NUSTAR PIPELINE OPERATING PARTNERSHIP L.P. - PIPELINE

MEMBERS OF J.U.L.I.E. ((800) 892-0123 OR 811) ARE INDICATED BY *. NON-J.U.L.I.E. MEMBERS MUST BE NOTIFIED INDIVIDUALLY.

2. THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CONDITIONS IN THE FIELD PRIOR TO CONSTRUCTION AND ORDERING OF MATERIALS.
3. THE CONTRACTOR AND ENGINEER SHALL BE AWARE THAT NO SURVEY WAS PERFORMED FOR THIS PROJECT. THE STATIONING AND TOPO SHOWN IN THE PLANS WAS CREATED USING MICROFILM AND FIELD MEASUREMENTS MADE BY DESIGN PERSONNEL. BOTH SHALL BE ASSUMED TO BE APPROXIMATE.
4. NO OVERNIGHT LANE CLOSURES WILL BE ALLOWED.
5. "ROAD CONSTRUCTION AHEAD" SIGNS SHALL BE PLACED AT EACH END OF THE PROJECT PLUS THE INTERSECTING SIDE ROADS, AND WILL BE INCLUDED IN THE TRAFFIC CONTROL PAY ITEMS. ALL CONSTRUCTION SIGNS SHALL BE FLUORESCENT ORANGE, 48" X 48".
6. PROPOSED PAVEMENT MARKING SHALL BE PLACED IN THE SAME LOCATIONS AS EXISTING AS DIRECTED BY THE RESIDENT ENGINEER.
7. SHORT-TERM PAVEMENT MARKING SHALL BE APPLIED TO THE MILLED, PRIMED, AND FINAL BITUMINOUS SURFACE. ONLY THE REMOVAL OF THE FINAL SURFACE APPLICATION SHALL BE PAID FOR AS WORK ZONE PAVEMENT MARKING REMOVAL - 50, FT.
8. THE CONTRACTOR SHALL POST AND MAINTAIN THE ROADWAY WITH "NO PASSING ZONES NOT STRIPED NEXT ... MILES" SIGNS UNTIL MARKINGS HAVE BEEN RESTORED IN ACCORDANCE WITH ARTICLE 701.17(C). COST INCLUDED IN THE TRAFFIC CONTROL PAY ITEMS.
9. FLAGGERS SHALL BE REQUIRED AT ALL TIMES DURING PATCHING OPERATIONS.
10. ACCESS SHALL BE MAINTAINED TO ALL PROPERTIES UNLESS OTHERWISE NOTED IN THE PLANS.
11. 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.
12. ALL TURF AREAS DISTURBED FOR ANY REASON OUTSIDE THE AREAS OF CONSTRUCTION SHALL BE PERMANENTLY SEEDED AS DIRECTED BY THE ENGINEER AT THE CONTRACTOR'S EXPENSE.
13. THE FOLLOWING MIXTURE REQUIREMENTS ARE APPLICABLE FOR THIS PROJECT:

MIXTURE USE	SURFACE	F.D. PATCHING	SHOULDERS
AC/PG	PG 64-22	PG 64-22	PG 64-22
DESIGN AIR VOIDS	4.0% @ Ndes=70	4.0% @ Ndes=70	**2.0% @ Ndes=30
MIX COMPOSITION (GRADATION MIXTURE)	IL 9.5	IL 19.0 F.G.	NMAS 3/4"
ERBICION AGG	MIXTURE "D"	MIXTURE "B"	

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

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

14. ANY EMBANKMENT REQUIRED ON THE FORESLOPES FOR THE CONSTRUCTION OF THE PROPOSED GUTTER SHALL BE CONSTRUCTED ACCORDING TO SECTION 205 OF THE STANDARD SPECIFICATIONS. COST TO BE INCLUDED IN THE PAY ITEM FOR CONCRETE GUTTER OF THE TYPE SPECIFIED.

15. ALL EXCAVATION REQUIRED TO CONSTRUCT THE NEW GUTTER AND APPURTANANCES SHALL BE INCLUDED IN THE PAY ITEM CONCRETE GUTTER OF THE TYPE SPECIFIED.

16. THE CONTRACTOR SHALL ORGANIZE THE WORK ON THIS PROJECT TO AVOID A DROP-OFF AT THE CENTERLINE GREATER THAN 2" BETWEEN ADJACENT OPEN TRAFFIC LANES. THE NOTCHED WEDGE LONGITUDINAL CONSTRUCTION JOINT WILL NOT BE ALLOWED.

HIGHWAY STANDARDS

000001-06	701011-04
001006	701201-04
280001-07	701301-04
285001-02	701306-03
442201-03	701311-03
606101-04	701901-03
606201-02	780001-04
701006-05	781001-03

COMMITMENTS

NONE

ADT

(2013) ACTUAL = 5950
 (2014) ESTIMATED = 6000
 (2024) ESTIMATED = 6400
 SU = 3.8%
 MU = 1.5%

△ REV. 4-9-14

FILE NAME *	USER NAME * USER*	DESIGNED -	REVISED - TBP/PJC	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	GENERAL NOTES, HIGHWAY STANDARDS, COMMITMENTS, ADT	F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
*FILE#	PLOT SCALE * *SCALE*	DRAWN	REVISED			747	5995-3	JERSEY	19	2	
	PLOT DATE * *DATE*	CHECKED	REVISED			CONTRACT NO. 7665					
		DATE	REVISED			FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT					

80% FED
20% STATE

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	ROADWAY
				0005
25000200	SEEDING, CLASS 2	ACRE	0.5	0.5
25000400	NITROGEN FERTILIZER NUTRIENT	POUND	29	29
25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	29	29
25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	29	29
25100115	MULCH, METHOD 2	ACRE	0.5	0.5
25100630	EROSION CONTROL BLANKET	SQ YD	1180	1180
28000400	PERIMETER EROSION BARRIER	FOOT	2894	2894
28500100	FABRIC FORMED CONCRETE REVETMENT MAT	SQ YD	189	189
40200800	AGGREGATE SURFACE COURSE, TYPE B	TON	4	4
40600200	BITUMINOUS MATERIALS (PRIME COAT)	TON	16.5	16.5
40600300	AGGREGATE (PRIME COAT)	TON	80	80
40603340	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70	TON	6642	6642
44000158	HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/4"	SQ YD	52630	52630
44200201	PAVEMENT PATCHING, TYPE I, 17 INCH	SQ YD	4	4
44200202	PAVEMENT PATCHING, TYPE II, 17 INCH	SQ YD	31	31
44200204	PAVEMENT PATCHING, TYPE III, 17 INCH	SQ YD	23	23
44200206	PAVEMENT PATCHING, TYPE IV, 17 INCH	SQ YD	25	25

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80% FED
20% STATE

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	ROADWAY
				0005
48102100	AGGREGATE WEDGE SHOULDER, TYPE B	TON	515	515
48203100	HOT-MIX ASPHALT SHOULDERS	TON	8	8
60600095	CLASS SI CONCRETE (OUTLET)	CU YD	34.9	34.9
60602500	CONCRETE GUTTER, TYPE A	FOOT	1043	1043
60602800	CONCRETE GUTTER, TYPE B	FOOT	1214	1214
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	2	2
67100100	MOBILIZATION	L SUM	1	1
70100450	TRAFFIC CONTROL AND PROTECTION, STANDARD 701201	L SUM	1	1
70100460	TRAFFIC CONTROL AND PROTECTION, STANDARD 701306	L SUM	1	1
70300100	SHORT TERM PAVEMENT MARKING	FOOT	5172	5172
70300220	TEMPORARY PAVEMENT MARKING - LINE 4"	FOOT	65050	65050
70301000	WORK ZONE PAVEMENT MARKING REMOVAL	SQ FT	575	575
* 78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	65050	65050
* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	239	239
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	239	239
∅ 20076600	TRAINEES	Hour	1000	1000
X4402720	GUTTER REMOVAL (SPECIAL)	FOOT	1451	1451
∅ 20076604	TRAINEES TRAINING PROGRAM GRADUATE	Hour	1000	1000

* SPECIALTY ITEM
∅ 0042

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MILLING & RESURFACING						
LOCATION	HMA SURF REMOVAL, 2 1/4"	BITUMINOUS MATERIALS (PC)	AGGREGATE (PC)	HMA SURFACE COURSE, MIX D, N70	HMA SHOULDERS	AGG WEDGE SHOULDER, TYPE B
	SO YD	TON	TON	TON	TON	TON
MM 0.000 - 0.012	176.0	0.06	0.3	22.2		2.0
MM 0.012 - 0.176	2405.3	0.75	3.6	303.1		
MM 0.176 - 0.492	4634.7	1.45	7.0	584.0		
MM 0.492 - 0.541	718.7	0.22	1.1	90.6		23.6
MM 0.541 - 0.730	2661.1	0.83	4.0	335.3		
MM 0.730 - 0.797	982.7	0.31	1.5	123.8		11.4
MM 0.797 - 0.965	2464.0	0.77	3.7	310.5		28.8
MM 0.965 - 1.874	13332.0	4.17	20.0	1679.8		155.6
MM 1.874 - 2.025	2214.7	0.69	3.3	279.1		25.8
MM 2.025 - 2.179	2258.7	0.71	3.4	284.6		26.4
MM 2.179 - 3.458	18758.7	5.87	28.1	2363.6		218.8
MM 3.458 - 3.557	1452.0	0.45	2.2	183.0		17.0
MM 3.557 - 3.590	571.1	0.18	0.9	72.0	7.3	5.6
ENTRANCE				10.1		
TOTALS	52629.7	16.46	79.1	6641.7	7.3	515.0

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CONCRETE GUTTER											
LOCATION		GUTTER REMOVAL (SPECIAL)	CONCRETE GUTTER, TYPE A	CONCRETE GUTTER, TYPE B	CLASS SI CONCRETE	PERIMETER EROSION BARRIER	SEEDING, CLASS 2	NITROGEN FERTILIZER NUTRIENT	PHOSPHORUS FERTILIZER NUTRIENT	POTASSIUM FERTILIZER NUTRIENT	EROSION CONTROL BLANKET
		FOOT	FOOT	FOOT	CU YD	FOOT	ACRE	POUND	POUND	POUND	SO YD
LOCATION #1	RT	12		687	4.18	757	0.07	6.3	6.3	6.3	344.0
LOCATION #1	LT		391		6.04	336	0.10	9.0	9.0	9.0	144.7
LOCATION #2	RT	289		212	5.94	444	0.07	6.3	6.3	6.3	325.7
LOCATION #2	LT	335	287		6.04	485	0.03	2.7	2.7	2.7	125.3
LOCATION #3	RT	402		315	6.62	397	0.02	1.8	1.8	1.8	109.3
LOCATION #3	LT	413	365		6.04	475	0.03	2.7	2.7	2.7	130.8
TOTALS		1451	1043	1214	34.86	2894	0.32	28.8	28.8	28.8	1179.8

THERMOPLASTIC PAVEMENT MARKING - LINE 4"			
LOCATION	CENTERLINE		EDGELINE
	SOLID YELLOW	DASHED YELLOW	SOLID WHITE
	FOOT	FOOT	FOOT
MM 0.000 - 0.39	4171		4171
MM 0.395 - 0.56	887	220	1774
MM 0.563 - 0.680		160	1236
MM 0.680 - 0.90	1183	300	2365
MM 0.904 - 1.07	1795		1795
MM 1.074 - 1.179	554	140	1109
MM 1.179 - 1.277	1035		1035
MM 1.277 - 1.341	338	90	676
MM 1.341 - 1.377		50	380
MM 1.377 - 1.556	945	240	1890
MM 1.556 - 1.752		260	2070
MM 1.752 - 1.972	1162	290	2323
MM 1.972 - 2.471	5269		5269
MM 2.471 - 2.69	1188	300	2376
MM 2.696 - 2.796		130	1056
MM 2.796 - 3.00	1093	270	2186
MM 3.003 - 3.16	1700		1700
MM 3.164 - 3.30	760	190	1521
MM 3.308 - 3.37	729		729
MM 3.377 - 3.51	750	190	1500
MM 3.519 - 3.59	750		750
SUB-TOTALS	24309	2830	37911
TOTAL		65050	

RAISED REFLECTIVE PAVEMENT MARKERS		
LOCATION	NEW 2-WAY AMBER	REMOVAL
	EACH	EACH
MM 0.000 - 0.39	26	26
MM 0.395 - 0.56	11	11
MM 0.563 - 0.68	8	8
MM 0.680 - 0.90	15	15
MM 0.904 - 1.07	11	11
MM 1.074 - 1.179	7	7
MM 1.179 - 1.277	6	6
MM 1.277 - 1.341	4	4
MM 1.341 - 1.377	2	2
MM 1.377 - 1.556	12	12
MM 1.556 - 1.752	13	13
MM 1.752 - 1.972	15	15
MM 1.972 - 2.471	33	33
MM 2.471 - 2.69	15	15
MM 2.696 - 2.79	7	7
MM 2.796 - 3.00	14	14
MM 3.003 - 3.16	11	11
MM 3.164 - 3.30	10	10
MM 3.308 - 3.37	5	5
MM 3.377 - 3.51	9	9
MM 3.519 - 3.59	5	5
TOTALS	239	239

PAVEMENT PATCHING, 17"					
LOCATION	SIZE	TYPE I	TYPE II	TYPE III	TYPE IV
		SO YD	SO YD	SO YD	SO YD
MM 0.20 NB	10' X 12'		13.3		
MM 0.20 SB	10' X 12'		13.3		
MM 0.21 SB	15' X 12'			20.0	
PROJECT LIMITS		4.0			25.0
15% CONT.			4.0	3.0	
TOTALS		4.0	30.6	23	25.0

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