

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

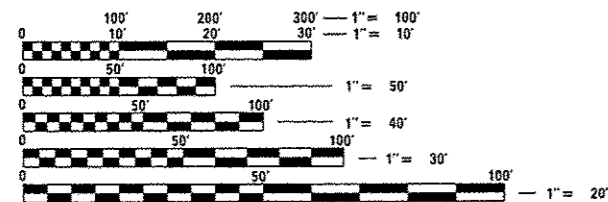
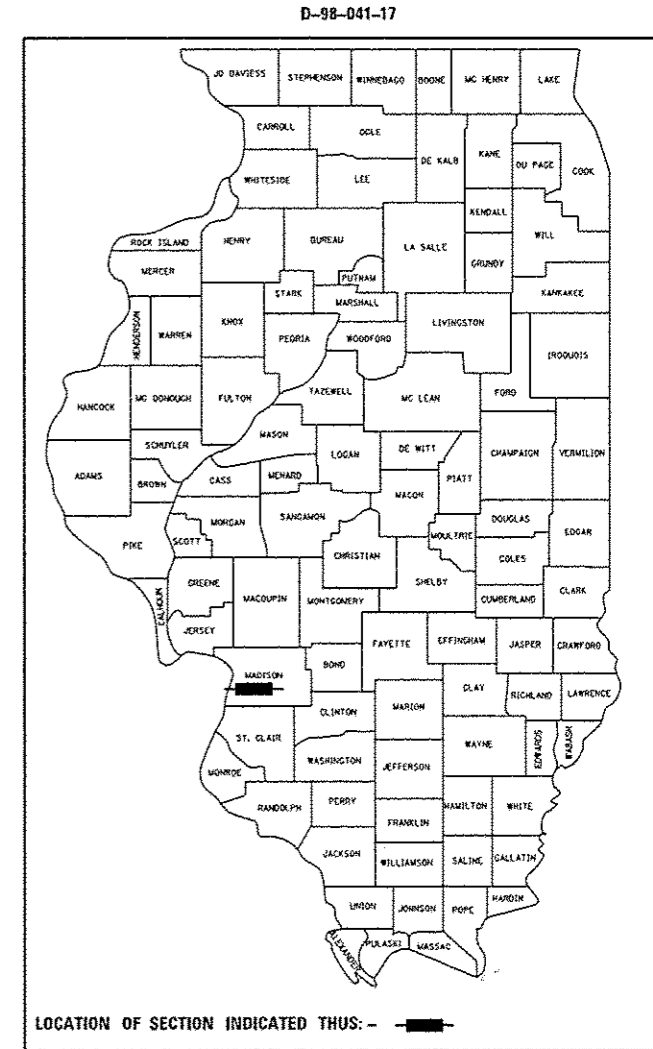
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
270	60-(4,5)-1RS-5	MADISON	18	1
		ILLINOIS	CONTRACT NO. 76K23	

FOR INDEX OF SHEETS, SEE SHEET NO. 2

PROPOSED HIGHWAY PLANS

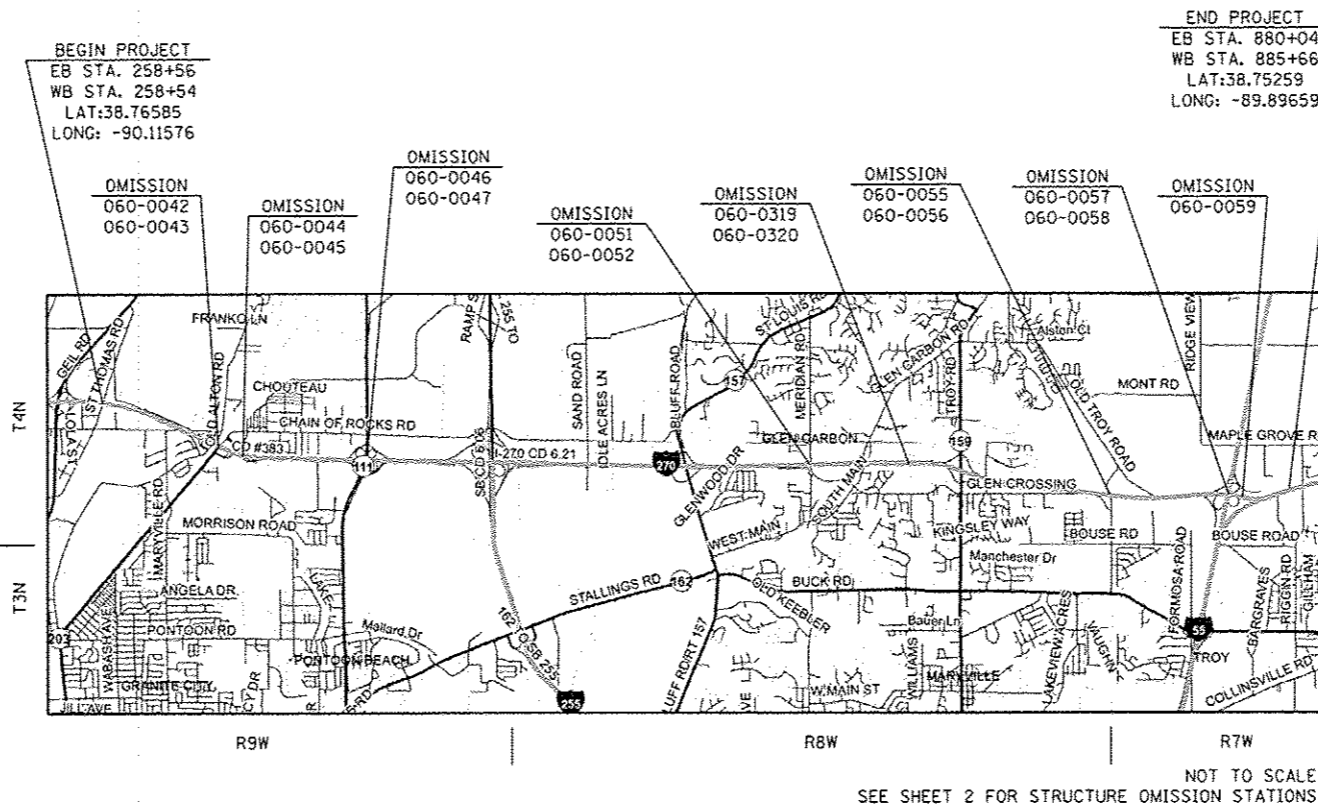
FAI ROUTE 270 (I-270)
SECTION 60-(4,5)-1RS-5
MICROSURFACING - 2 PASSES
MADISON COUNTY

C-98-030-17



FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

J.U.L.I.E.
JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION
1-800-892-0123
OR 811



NOT TO SCALE
SEE SHEET 2 FOR STRUCTURE OMISSION STATIONS

PROJECT ENGINEER: HERVE GELIN (618) 346-3179
PROJECT MANAGER: BILLIE OWEN (618) 346-3209

GROSS LENGTH = 63,043 FT. = 11.94 MILES
NET LENGTH = 57,029.2 FT. = 10.8 MILES

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUBMITTED March 28 2017
Jeffrey Z. Kanigs
REGIONAL ENGINEER

May 12 2017
Maurice M. Adles
ENGINEER OF DESIGN AND ENVIRONMENT

May 12 2017
[Signature]
DIRECTOR OF PROGRAM DEVELOPMENT

PRINTED BY THE AUTHORITY
OF THE STATE OF ILLINOIS

INDEX OF SHEETS

- 1 COVER SHEET
- 2 INDEX OF SHEETS, STANDARDS, GENERAL NOTES, COMMITMENTS, MIX CHART, AND ADT
- 3-4 SUMMARY OF QUANTITIES
- 5-7 TYPICAL SECTIONS
- 8-13 SCHEDULES
- 14 DETAILS
- 15-18 DETOUR ROUTES

GENERAL NOTES

- 1 ILLINOIS STATE LAW REQUIRES A 48-HOUR NOTICE TO BE GIVEN TO UTILITIES BEFORE DIGGING. FIELD MARKING OF FACILITIES MAY BE OBTAINED BY CONTACTING J.U.L.I.E. (1-800-892-0123 OR 811) OR FOR NON-MEMBERS THE UTILITY COMPANY DIRECTLY.
- 2 THE CONTRACTOR AND THE ENGINEER SHALL BE AWARE THAT NO SURVEY WAS PERFORMED FOR THIS PROJECT. THE STATIONING, TOPOGRAPHY, AND QUANTITIES SHOWN IN THE PLANS WERE CREATED USING MICROFILM AND FIELD MEASUREMENTS. ALL SHALL BE ASSUMED TO BE APPROXIMATE. THE CONTRACTOR SHALL VERIFY DIMENSIONS AND CONDITIONS IN THE FIELD PRIOR TO CONSTRUCTION AND ORDERING OF MATERIALS.
- 3 THE DEPARTMENT STRONGLY ENCOURAGES THE PRIME CONTRACTOR AND THEIR APPROVED SUB-CONTRACTORS TO HIRE MINORITY, WOMEN AND DISADVANTAGED INDIVIDUALS FROM ITS FEDERALLY FUNDED HIGHWAY CONSTRUCTION CAREERS TRAINING PROGRAM (HCCTP) TO HELP MEET WORKFORCE AND TRAINEE GOALS. THIS PROGRAM IS TRAINING MINORITIES, WOMEN AND DISADVANTAGED INDIVIDUALS IN HIGHWAY CONSTRUCTION-RELATED SKILLS, E.G., MATH FOR THE TRADES, JOB READINESS, TECHNICAL SKILLS COURSEWORK (CARPENTRY, CONCRETE FLATWORK, BLUEPRINT READING, SITE PLANS, SITE WORK, TOOLS USE, ETC.) AND OSHA 10 HOUR CERTIFICATION, TO PREPARE THEM FOR A CAREER IN THE HIGHWAY CONSTRUCTION TRADES. GRADUATES ARE WELL-TRAINED AND READY TO BECOME PRODUCTIVE ENTRY-LEVEL CONSTRUCTION WORKERS. CONTACT THE DISTRICT 8 EEO OFFICE AT 618-346-3360 AND/OR THE HCCTP COORDINATOR AT 618-874-6528 TO LEARN MORE ABOUT THE PROGRAM AND FOR ASSISTANCE IN MEETING WORKFORCE AND TRAINEE GOALS.
- 4 "ROAD CONSTRUCTION AHEAD" SIGNS SHALL BE PLACED AT EACH END OF THE PROJECT PLUS THE INTERSECTING SIDE ROADS, AND WILL BE CONSIDERED INCLUDED IN THE TRAFFIC CONTROL PAY ITEMS. ALL CONSTRUCTION SIGNS SHALL BE 48" X 48" FLUORESCENT ORANGE.
- 5 THE PROPOSED PAVEMENT MARKING SHALL MATCH THE LOCATIONS OF THE EXISTING PAVEMENT MARKING, AS DIRECTED BY THE ENGINEER.
- 6 THE THICKNESS OF HOT-MIX ASPHALT SURFACE MIXTURES SHOWN ON THE PLANS IS THE NOMINAL THICKNESS. DEVIATIONS MAY OCCUR DUE TO IRREGULARITIES IN THE EXISTING SURFACE OR BASE ON WHICH THE BITUMINOUS MIXTURE IS PLACED.
- 7 THE INTENT OF THE PARTIAL DEPTH REMOVAL AND LONGITUDINAL PARTIAL DEPTH REMOVAL IS TO REMOVE HMA RESURFACING ONLY. THE UNDERLYING CONCRETE SHALL NOT BE DISTURBED.
- 8 MICRO-SURFACING SHALL NOT COVER EXISTING RUMBLE STRIP IN THE SHOULDER.
- 9 AN ESTIMATED QUANTITY OF 203,000 FEET OF FIBER-MODIFIED ASPHALT CRACK SEALING HAS BEEN ADDED TO THE PLANS. EXACT LOCATIONS WILL BE DETERMINED BY THE ENGINEER.
- 10 THE FOLLOWING STRUCTURES ARE OMITTED FROM THIS CONTRACT:

SN	BEGIN OMISSION	END OMISSION	SN	BEGIN OMISSION	END OMISSION
EB			WB		
060-0042	317+66	324+52	060-0043	317+80	324+65
060-0044	334+05	337+78	060-0045	333+87	337+63
060-0046	339+76	402+92	060-0047	399+97	403+11
060-0051	644+37	648+81	060-0052	644+09	648+75
060-0319	685+89	689+72	060-0320	686+16	690+00
060-0055	794+05	798+40	060-0055	793+70	795+82
060-0057	857+42	860+67	060-0058	858+75	861+00
060-0059	871+97	875+58			

STANDARDS

- 000001-06
- 001006
- 701400-09
- 701401-10
- 701406-11
- 701411-09
- 701426-09
- 701428-01
- 701446-08
- 701901-06
- 780001-05
- 781001-04
- 701451-04

COMMITMENTS

NONE

MIXTURE CHART

MIXTURE USE	POLY PATCHING	MICROSURFACING
AC/PG	SBS PG 76-22	
RAP % (MAX)	SEE SPECIAL PROVISION	
DESIGN AIR VOIDS	4.0% @ Ndes=90	
MIX COMPOSITION (GRADATION)	IL 9.5	
FRICITION AGG	MIXTURE "E"	MIXTURE "E"
QUALITY MGMT PROGRAM	QC/QA	

PLAN QUANTITIES FOR HOT-MIX ASPHALT SURFACE COURSE ITEMS ARE CALCULATED USING A UNIT WEIGHT OF 112 LB/SQ YD/IN

ADT

LOCATION	2015 (ACTUAL)	2017 (ESTIMATED)	2037 (ESTIMATED)	% SU	% MU
I-270 FROM IL 3 TO IL 203	52,400	53,400	65,200	2.8	16.4
I-270 FROM IL 203 TO IL 111	56,100	57,200	69,800	2.7	15.2
I-270 FROM IL 111 TO I-255	55,800	56,900	69,400	2.7	14.0
I-270 FROM I-255 TO IL 157	52,500	53,400	65,300	2.4	13.9
I-270 FROM IL 157 TO IL 159	39,500	40,300	49,200	2.8	20.3
I-270 FROM IL 159 TO I-55/70	31,400	32,000	39,100	2.9	23.2

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	100 % STATE
				ROADWAY 0005 ✓ URBAN ✓
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	72763	72763
67100100	MOBILIZATION	LSUM	1	1
70100420	TRAFFIC CONTROL AND PROTECTION, STANDARD 701411	EACH	20	20
70100700	TRAFFIC CONTROL AND PROTECTION, STANDARD 701406	LSUM	1	1
70100800	TRAFFIC CONTROL AND PROTECTION, STANDARD 701401	LSUM	1	1
70100815	TRAFFIC CONTROL AND PROTECTION, STANDARD 701446	LSUM	1	1
70200100	NIGHTTIME WORK ZONE LIGHTING	LSUM	1	1
70300100	SHORT TERM PAVEMENT MARKING	FOOT	37912	37912
70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SO FT	12637	12637
70300220	TEMPORARY PAVEMENT MARKING - LINE 4"	FOOT	229748	229748
70300240	TEMPORARY PAVEMENT MARKING - LINE 6"	FOOT	39616	39616
70300250	TEMPORARY PAVEMENT MARKING - LINE 8"	FOOT	12311	12311
* 78009004	MODIFIED URETHANE PAVEMENT MARKING - LINE 4"	FOOT	229748	229748
* 78009006	MODIFIED URETHANE PAVEMENT MARKING - LINE 6"	FOOT	39616	39616

* SPECIALTY ITEM

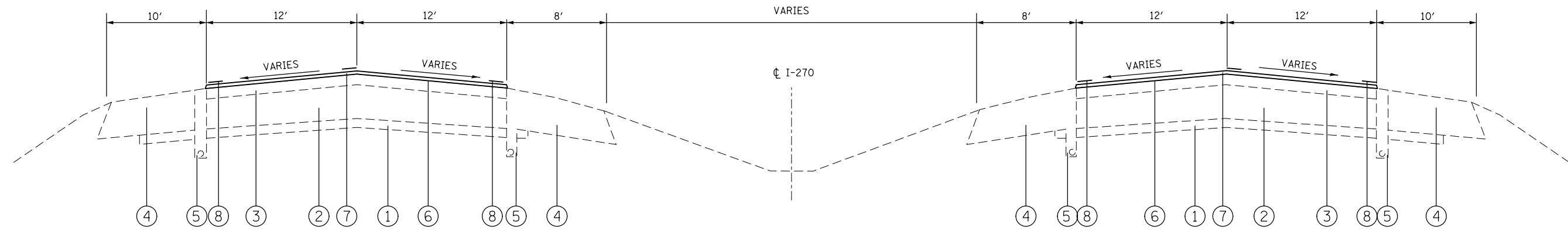
CODE NO.	ITEM	UNIT	TOTAL QUANTITY	100 % STATE
				ROADWAY 0005 URBAN
* 78009008	MODIFIED URETHANE PAVEMENT MARKING - LINE 8"	FOOT	12311	12311
* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	40	40
X0326808	INTERSTATE WEEKEND CLOSURE, SPECIAL	LSUM	1	1
X0327979	PAVEMENT MARKING REMOVAL - GRINDING	SQ FT	97134	97134
X1600001	FIBER-MODIFIED ASPHALT CRACK SEALING	FOOT	203000	203000
X3000001	RRPM PROTECTION	EACH	4408	4408
X4405030	LONGITUDINAL PARTIAL DEPTH REMOVAL 3"	FOOT	387	387
X4406030	PARTIAL DEPTH REMOVAL, TYPE I, 3"	SQ YD	31	31
X4406230	PARTIAL DEPTH REMOVAL, TYPE II, 3"	SQ YD	325	325
X4406630	PARTIAL DEPTH REMOVAL, TYPE IV, 3"	SQ YD	70	70
X4420900	LONGITUDINAL PARTIAL DEPTH PATCHING	TON	48	48
X4421000	PARTIAL DEPTH PATCHING	TON	54	54
X7015005	CHANGEABLE MESSAGE SIGN	CAL DA	500	500
X7030005	TEMPORARY PAVEMENT MARKING REMOVAL	SQ FT	97134	97134

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	100 % STATE
				ROADWAY 0005 URBAN
Z0016702	DETOUR SIGNING	LSUM	1	1
X1600003	MICRO-SURFACING, 2 PASSES, MIXTURE "E"	SQ YD	367490	367490
∅ Z0076604	TRAINEES TRAINING PROGRAM GRADUATE	HOURL	2000	2000

* SPECIALTY ITEM

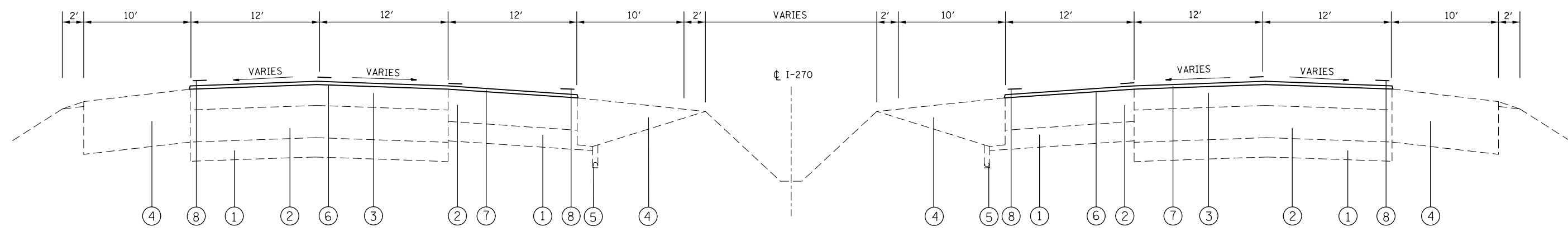
∅ 0042

REV



WESTBOUND
 STA. 258+54 TO STA. 317+80
 STA. 324+65 TO STA. 333+87
 STA. 337+63 TO STA. 399+97
 STA. 590+00 TO STA. 644+09
 STA. 648760 TO STA. 686+16
 STA. 690+00 TO STA. 793+70
 STA. 795+82 TO STA. 839+47
 STA. 848+05 TO STA. 852+43
 STA. 861+00 TO STA. 885+66

EASTBOUND
 STA. 258+56 TO STA. 317+66
 STA. 324+52 TO STA. 334+05
 STA. 337+78 TO STA. 399+76
 STA. 607+50 TO STA. 644+37
 STA. 648+81 TO STA. 685+89
 STA. 689+72 TO STA. 794+05
 STA. 798+40 TO STA. 857+42
 STA. 860+67 TO STA. 871+97
 STA. 875+58 TO STA. 880+04



WESTBOUND
 STA. 412+30 TO STA. 415+60
 STA. 438+89 TO STA. 522+89
 STA. 559+16 TO STA. 587+00
 STA. 856+00 TO STA. 858+75

EASTBOUND
 STA. 433+16 TO STA. 492+66
 STA. 510+96 TO STA. 533+84
 STA. 553+95 TO STA. 607+50

LEGEND

- ① EXISTING SUB-BASE GRANULAR MATERIAL
- ② EXISTING PCC PAVEMENT, 10"
- ③ EXISTING HOT-MIX ASPHALT OVERLAY
- ④ EXISTING HOT-MIX ASPHALT SHOULDER
- ⑤ EXISTING UNDERDRAIN
- ⑥ PROPOSED BITUMINOUS MATERIALS (TACK COAT)
- ⑦ PROPOSED MICRO-SURFACING, 2-PASSES, MIX "E"
- ⑧ PROPOSED MODIFIED URETHANE PAVEMENT MARKING

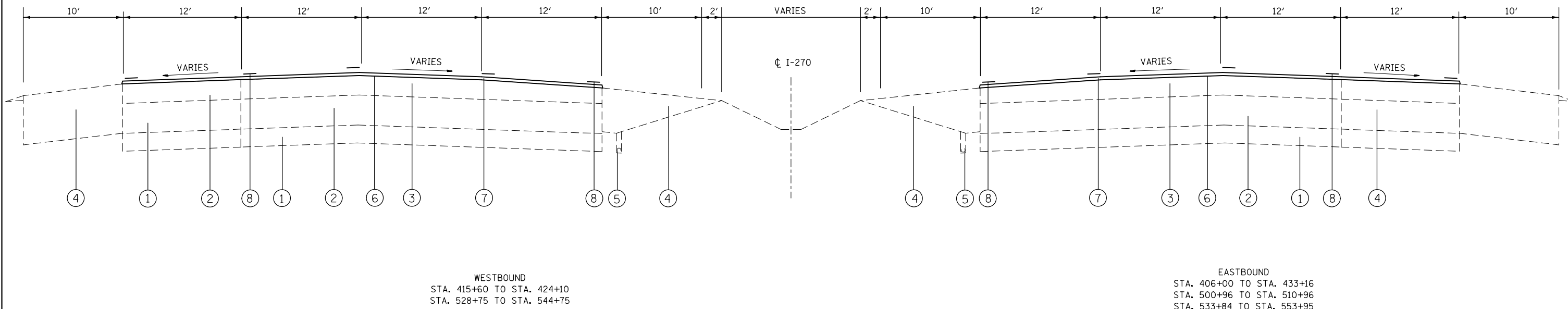
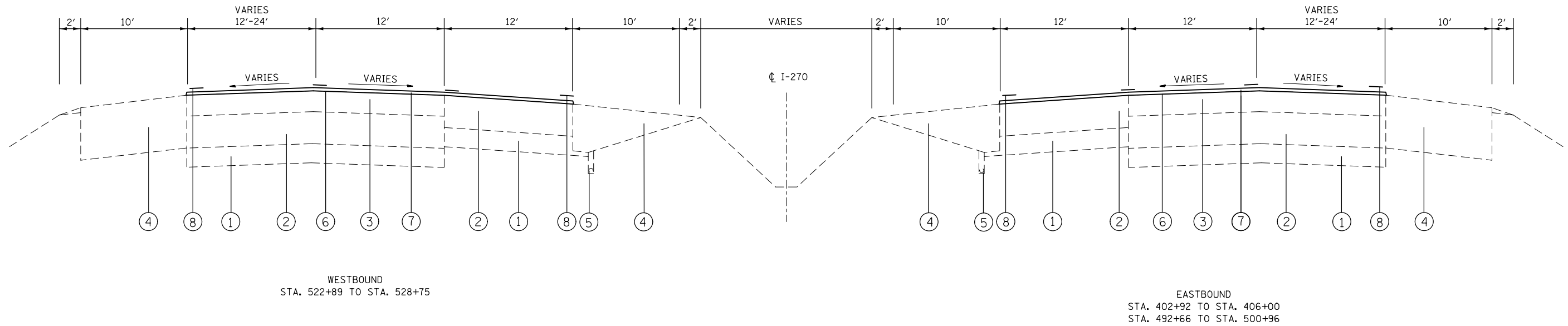
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	PLOT DATE = 3/28/2017	DATE -	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS

SCALE: N/A SHEET OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
270	60-(4,5)-IRS-5	MADISON	18	5
CONTRACT NO. 76K23				
ILLINOIS FED. AID PROJECT				



LEGEND

- ① EXISTING SUB-BASE GRANULAR MATERIAL
- ② EXISTING PCC PAVEMENT, 10"
- ③ EXISTING HOT-MIX ASPHALT OVERLAY
- ④ EXISTING HOT-MIX ASPHALT SHOULDER
- ⑤ EXISTING UNDERDRAIN
- ⑥ PROPOSED BITUMINOUS MATERIALS (TACK COAT)
- ⑦ PROPOSED MICRO-SURFACING, 2-PASSES, MIX "E"
- ⑧ PROPOSED MODIFIED URETHANE PAVEMENT MARKING

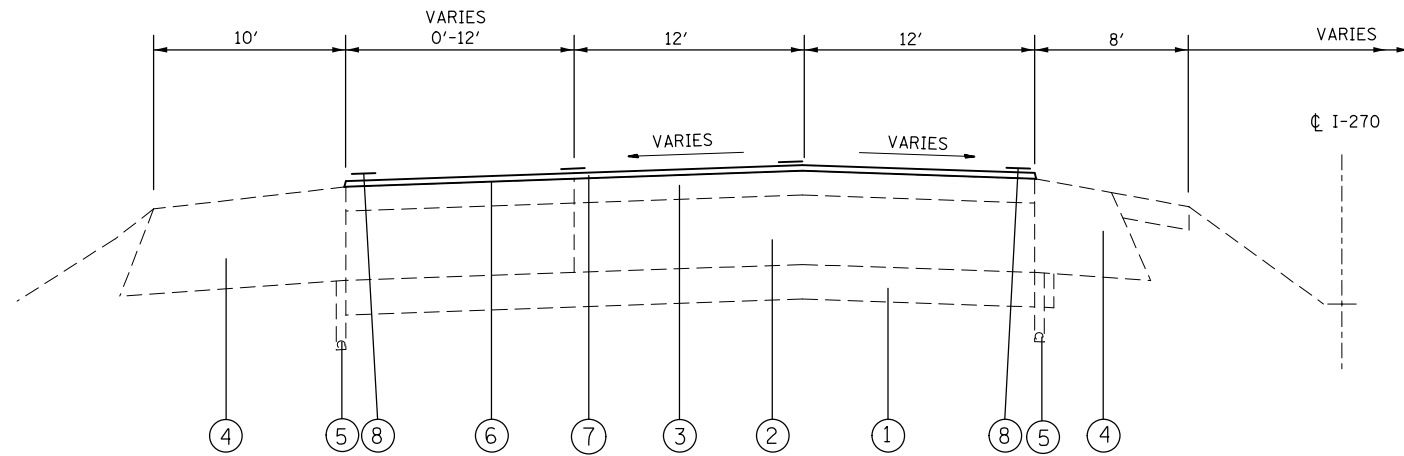
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	PLOT DATE = 3/28/2017		

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DEPARTMENT OF TRANSPORTATION

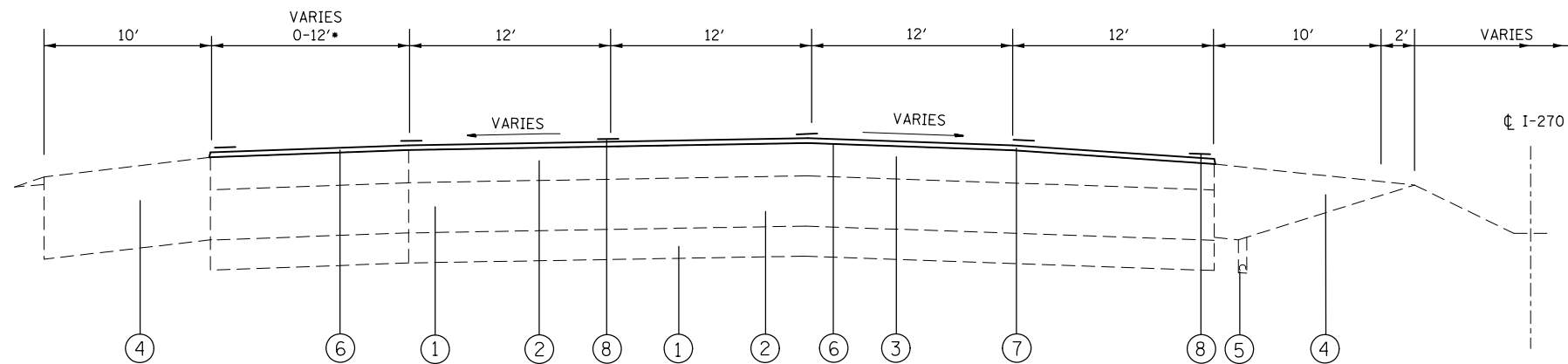
TYPICAL SECTIONS

SCALE: N/A SHEET OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
270	60-(4,5)-IRS-5	MADISON	18	6
CONTRACT NO. 76K23				
ILLINOIS FED. AID PROJECT				



WESTBOUND
 STA. 403+11 TO STA. 412+30
 STA. 587+00 TO STA. 590+00
 STA. 839+47 TO STA. 848+05
 STA. 852+43 TO STA. 856+00



WESTBOUND
 STA. 424+10 TO STA. 430+10
 STA. 544+75 TO STA. 559+16
 *STA. 430+10 TO STA. 438+89 - 5-12' LANES

LEGEND

- ① EXISTING SUB-BASE GRANULAR MATERIAL
- ② EXISTING PCC PAVEMENT, 10"
- ③ EXISTING HOT-MIX ASPHALT OVERLAY
- ④ EXISTING HOT-MIX ASPHALT SHOULDER
- ⑤ EXISTING UNDERDRAIN
- ⑥ PROPOSED BITUMINOUS MATERIALS (TACK COAT)
- ⑦ PROPOSED MICRO-SURFACING, 2-PASSES, MIX "E"
- ⑧ PROPOSED MODIFIED URETHANE PAVEMENT MARKING

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	PLOT DATE = 3/28/2017	DATE -	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS

SCALE: N/A SHEET OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
270	60-(4,5)-IRS-5	MADISON	18	7
CONTRACT NO. 76K23				
ILLINOIS FED. AID PROJECT				

RESURFACING SCHEDULE				
STATION	TO	STATION	MICRO-SURFACING, 2 PASSES, MIX "E" SQ YD	BITUMINOUS MATERIALS TACK COAT POUND
EASTBOUND				
258+56	TO	317+66	15760.0	2836.8
317+66	TO	324+52	BRIDGE OMISSION 060-0042	
324+52	TO	334+05	2541.3	457.4
334+05	TO	337+78	BRIDGE OMISSION 060-0044	
337+78	TO	399+76	16528.0	2975.0
399+76	TO	402+92	BRIDGE OMISSION 060-0046	
402+92	TO	406+00	1437.3	258.7
406+00	TO	433+16	14485.3	2607.4
433+16	TO	492+66	23800.0	4284.0
492+66	TO	500+96	3873.3	697.2
500+96	TO	510+96	5333.3	960.0
510+96	TO	533+84	9152.0	1647.4
533+84	TO	553+95	10725.3	1930.6
553+95	TO	607+50	21420.0	3855.6
607+50	TO	644+37	9832.0	1769.8
644+37	TO	648+81	BRIDGE OMISSION 060-0051	
648+81	TO	685+89	9888.0	1779.8
685+89	TO	689+72	BRIDGE OMISSION 060-0319	
689+72	TO	794+05	27821.3	5007.8
794+05	TO	798+40	BRIDGE OMISSION 060-0055	
798+40	TO	857+42	15738.7	2833.0
857+42	TO	860+67	BRIDGE OMISSION 060-0057	
860+67	TO	871+97	3013.3	542.4
871+97	TO	875+58	BRIDGE OMISSION 060-0059	
875+58	TO	880+04	1189.3	214.1
		EB SUB-TOTAL	192539	34657
10% ADDITIONAL FOR ULTRA-THIN AREAS				3466 *
		EB SUB-TOTAL	192539	38123

*10% QUANTITY OF TACK COAT HAS BEEN ADDED FOR ADDITIONAL COVERAGE ON AREAS OF EXISTING ULTRA-THIN OVERLAY.

RESURFACING SCHEDULE				
STATION	TO	STATION	MICRO-SURFACING, 2 PASSES, MIX "E" SQ YD	BITUMINOUS MATERIALS TACK COAT POUND
WESTBOUND				
258+54	TO	317+80	15802.7	2844.5
317+80	TO	324+65	BRIDGE OMISSION 060-0043	
324+65	TO	333+87	2458.7	442.6
333+87	TO	337+63	BRIDGE OMISSION 060-0045	
337+63	TO	339+97	624.0	112.3
339+97	TO	403+11	BRIDGE OMISSION 060-0047	
403+11	TO	412+30	3063.3	551.4
412+30	TO	415+60	1320.0	237.6
415+60	TO	424+10	4533.3	816.0
424+10	TO	430+10	3600.0	648.0
430+10	TO	438+89	5860.0	1054.8
438+89	TO	522+89	33600.0	6048.0
522+89	TO	528+75	2734.7	492.2
528+75	TO	544+75	8533.3	1536.0
544+75	TO	559+16	8646.0	1556.3
559+16	TO	587+00	11136.0	2004.5
587+00	TO	590+00	1000.0	180.0
590+00	TO	664+09	9878.7	1778.2
644+09	TO	648+75	BRIDGE OMISSION 060-0052	
648+75	TO	686+16	9973.3	1795.2
686+16	TO	690+00	BRIDGE OMISSION 060-0320	
690+00	TO	793+70	27653.3	4977.6
793+70	TO	795+82	BRIDGE OMISSION 060-0055	
795+82	TO	839+47	11640.0	2095.2
839+47	TO	848+05	2860.0	514.8
848+05	TO	852+43	1168.0	210.2
852+43	TO	856+00	1190.0	214.2
856+00	TO	858+75	1100.0	198.0
858+75	TO	861+00	BRIDGE OMISSION 060-0058	
861+00	TO	885+66	6576.0	1183.7
		WB SUB-TOTAL	174951	31491
10% ADDITIONAL FOR ULTRA-THIN AREAS				3149 *
		WB SUB-TOTAL	174951	34640
		GRAND TOTAL	367490	72763

PAVEMENT MARKING SCHEDULE											
STATION	TO	STATION	MODIFIED URETHANE PAVEMENT MARKING - LINE 4"		MODIFIED URETHANE PAVEMENT MARKING - LINE 6"	MODIFIED URETHANE PAVEMENT MARKING - LINE 8"		PAVEMENT MARKING REMOVAL GRINDING	RRPM PROTECTION	SHORT TERM PAVEMENT MARKING	
			TEMPORARY PAVEMENT MARKING - LINE 4"		TEMPORARY PAVEMENT MARKING LINE - 6"	TEMPORARY PAVEMENT MARKING - LINE 8"		TEMPORARY PAVEMENT MARKING REMOVAL		FOOT	
			FOOT		FOOT	FOOT		SQ FT	EACH	FOOT	
			SOLID WHITE	YELLOW	SKIP DASH WHITE	SOLID WHITE	SKIP DASH WHITE			SKIP DASH WHITE	EDGE LINE
EASTBOUND											
258+56	TO	317+66	5910	5910	1478	485	75	4712	296	1075	473
317+66	TO	324+52									
324+52	TO	334+05	953	953	238	535	31	791	48	173	76
334+05	TO	337+78									
337+78	TO	399+76	6198	6198	1550	350	80	4931	308	1127	496
399+76	TO	402+92									
402+92	TO	406+00	308	308	154	100	89	295	16	112	25
406+00	TO	433+16	2716	2716	1358	200	783	2553	136	988	217
433+16	TO	492+66	5950	5950	2975	830	44	5508	296	2164	476
492+66	TO	500+96	830	830	623			864	60	453	66
500+96	TO	510+96	1000	1000	750			1041	78	545	80
510+96	TO	533+84	2288	2288	1144			2096	116	832	183
533+84	TO	553+95	2011	2011	1006		436	1871	100	731	161
553+95	TO	607+50	5355	5355	2678	588	76	4949	268	1947	428
607+50	TO	644+37	3687	3687	922			2916	184	670	295
644+37	TO	648+81									
648+81	TO	685+89	3708	3708	927			2933	92	674	297
685+89	TO	689+72									
689+72	TO	794+05	10433	10433	2608	705	138	8309	260	1897	835
794+05	TO	798+40									
798+40	TO	857+42	5902	5902	1476	555	106	4713	148	1073	472
857+42	TO	860+67									
860+67	TO	871+97	1130	1130	283			894	28	205	90
871+97	TO	875+58									
875+58	TO	880+04	446	446	112			353	12	81	36
EB SUBTOTAL			117650		20278	6205		49730	2446	19454	

PAVEMENT MARKING SCHEDULE

STATION	TO	STATION	MODIFIED URETHANE PAVEMENT MARKING - LINE 4"		MODIFIED URETHANE PAVEMENT MARKING - LINE 6"	MODIFIED URETHANE PAVEMENT MARKING - LINE 8"		PAVEMENT MARKING REMOVAL GRINDING	RRPM PROTECTION EACH	SHORT TERM PAVEMENT MARKING	
			TEMPORARY PAVEMENT MARKING - LINE 4"		TEMPORARY PAVEMENT MARKING LINE - 6"	TEMPORARY PAVEMENT MARKING - LINE 8"		TEMPORARY PAVEMENT MARKING REMOVAL		FOOT	
			FOOT		FOOT	FOOT		SQ FT		FOOT	
			SOLID WHITE	YELLOW	SKIP DASH WHITE	SOLID WHITE	SKIP DASH WHITE			SKIP DASH WHITE	EDGE LINE
WESTBOUND											
258+54	TO	317+80	5926	5926	1482			4687	148	1077	474
317+80	TO	324+65									
324+65	TO	333+87	922	922	231	375	48	757	24	168	74
333+87	TO	337+63									
337+63	TO	339+97	234	234	59	300	119	213	6	43	19
399+97	TO	403+11									
403+11	TO	412+30	919	919	230	150	18	738	22	167	74
412+30	TO	415+60	330	330	165	260		320	16	120	26
415+60	TO	424+10	850	850	425		213	793	44	309	68
424+10	TO	430+10	600	600	300		150	560	32	218	48
430+10	TO	438+89	879	879	440		380	830	44	320	70
438+89	TO	522+89	8400	8400	4200	1315	108	7789	420	3055	672
522+89	TO	528+75	586	586	293			537	28	213	47
528+75	TO	544+75	1600	1600	1200			1666	120	873	128
544+75	TO	559+16	1441	1441	1203			1561	144	786	115
559+16	TO	587+00	2784	2784	1392	470	93	2588	140	1012	223
587+00	TO	590+00	300	300	150			275	16	109	24
590+00	TO	664+09	7409	7409	1852			5861	186	1347	593
644+09	TO	648+75									
648+76	TO	686+16	3740	3740	935			2958	94	680	299
686+16	TO	690+00									
690+00	TO	793+70	10370	10370	2592.5	671	174	8259	260	1885	830
793+70	TO	795+82									
795+82	TO	839+47	4365	4365	1091			3453	110	794	349
839+47	TO	848+05	858	858	215			679	22	156	69
848+05	TO	852+43	438	438	110			346	10	80	35
852+43	TO	856+00	357	357	89	450	77	317	8	65	29
856+00	TO	858+75	275	275	69			218	6	50	22
858+75	TO	861+00									
861+00	TO	885+66	2466	2466	617	650	86	2000	62	448	197
WB SUBTOTAL			112098		19338	6106		47404	1962	18458	
TOTAL			229748		39616	12311		97134	4408	37912	

EB & WB SHORT TERM PAVEMENT MARKING REMOVAL - 12637 SQ FT

PAVEMENT REMOVAL FOR PATCHING								
MILE POINT	LANE	LENGTH (FT)	WIDTH (FT)	SQ YD	PARTIAL DEPTH REMOVAL, 3"			LONGITUDINAL PARTIAL DEPTH REMOVAL, 3"
EASTBOUND					TYPE I	TYPE II	TYPE IV	
0.99	2	3	12	4.00	4.00			
1.50	2	40	3	13.33				13.33
1.94	1	3	12	4.00	4.00			
1.99	2	3	12	4.00	4.00			
2.24	1	3	12	4.00	4.00			
2.24	2	3	12	4.00	4.00			
2.35	1	3	12	4.00	4.00			
2.61	2	3	12	4.00	4.00			
2.73	3	40	3	13.33				13.33
3.19	2	6	12	8.00		8.00		
3.19	3	6	12	8.00		8.00		
3.25	3	8	12	10.67		10.67		
3.26	3	6	12	8.00		8.00		
3.26	2	6	12	8.00		8.00		
3.28	3	4	12	5.33		5.33		
3.29	2	4	12	5.33		5.33		
3.29	3	4	12	5.33		5.33		
3.57	3	4	12	5.33		5.33		
4.35	2	4	12	5.33		5.33		
4.59	2	4	12	5.33		5.33		
4.84	1	4	12	5.33		5.33		
7.36	2	40	12	53.33			53.33	
8.14	2	10	6	6.67				6.67
8.53	1	5	12	6.67		6.67		
8.63	1	4	12	5.33		5.33		
8.64	2	4	12	5.33		5.33		
		SUB-TOTAL			28.0	97.3	53.3	33.3
ANTICIPATED FAILURES (10%)					2.8	9.7	5.3	3.3
EB SUB-TOTAL					31	107 *	59*	37 *

RAISED REFLECTIVE PAVEMENT MARKER	
MILE POINT	EACH
EASTBOUND	
0.99	0
1.50	2
1.94	0
1.99	0
2.24	0
2.24	0
2.35	0
2.61	0
2.73	2
3.19	0
3.19	0
3.25	0
3.26	0
3.26	0
3.28	0
3.29	0
3.29	0
3.57	0
4.35	0
4.59	0
4.84	0
7.36	2
8.14	0
8.53	0
8.63	0
8.64	0
EB RRPM TOTAL	6 *

*NOT TOTAL QUANTITY.
SEE WESTBOUND SCHEDULE
FOR REMAINING QUANTITY

*NOT TOTAL QUANTITY.
SEE WESTBOUND SCHEDULE
FOR REMAINING QUANTITY

FILE NAME =	USER NAME = challandeske	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EB PAVEMENT REMOVAL AND EB RAISED REFLECTIVE PAVEMENT MARKER SCHEDULES	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
pw:\IL\084EBIDINTEG.illinois.gov\PWIDOT\Documents\DOT Offices\District 8\Projects\D876K23\Drawings\EADsheets\D876K23-sht-sched	PLotted	CHECKED -	REVISED -			270	60-(4,5)-IRS-5	MADISON	18	11
Default	PLOT SCALE = 100.0000' / in.	DATE -	REVISED -			CONTRACT NO. 76K23				
	PLOT DATE = 3/30/2017	DATE -	REVISED -			SCALE: N/A	SHEET 4 OF 6 SHEETS	STA. TO STA.	ILLINOIS FED. AID PROJECT	

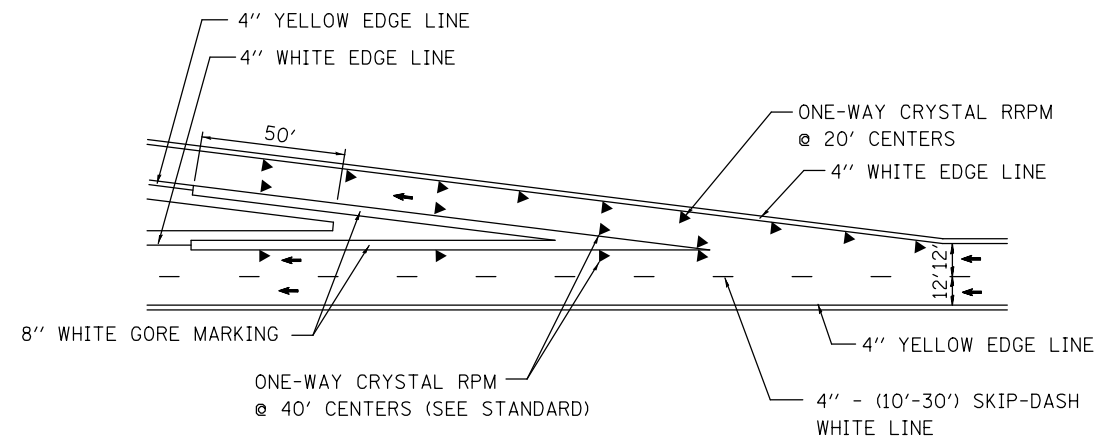
PAVEMENT REMOVAL FOR PATCHING							
MILE POINT	LANE	LENGTH (FT)	WIDTH (FT)	SQ YD	PARTIAL DEPTH REMOVAL, 3"		LONGITUDINAL PARTIAL DEPTH REMOVAL, 3"
WESTBOUND MILE POINTS START AT I-55 (EAST TO WEST)					TYPE II	TYPE IV	
0.47	1	40	6	26.67			26.67
0.72	2	4	20	8.89	8.89		
1.03	2	4	12	5.33	5.33		
1.18	2	4	12	5.33	5.33		
1.50	2	4	12	5.33	5.33		
1.59	2	15	6	10.00		10.00	
3.08	1	4	12	5.33	5.33		
3.08	2	4	12	5.33	5.33		
3.76	1	4	12	5.33	5.33		
3.76	2	4	12	5.33	5.33		
4.25	2	4	12	5.33	5.33		
5.91	2	4	12	5.33	5.33		
6.99	3	4	12	5.33	5.33		
7.03	2-3	100	2	22.22			22.22
7.14	3	100	2	22.22			22.22
7.30	3	4	12	5.33	5.33		
7.38	3	500	2	111.11			111.11
7.63	3	4	12	5.33	5.33		
7.83	3	300	2	66.67			66.67
7.86	1	4	12	5.33	5.33		
7.86	2	4	12	5.33	5.33		
7.86	3	4	12	5.33	5.33		
7.88	3	4	12	5.33	5.33		
8.39	3	4	12	5.33	5.33		
8.82	2	4	12	5.33	5.33		
8.82	3	4	12	5.33	5.33		
9.05	1	10	12	13.33	13.33		
9.29	2	4	12	5.33	5.33		
9.30	1-2	150	2	33.33			33.33
9.47	1-2	160	2	35.56			35.56
9.47	2	4	12	5.33	5.33		
9.48	2	4	12	5.33	5.33		
9.48	2	4	12	5.33	5.33		
9.48	1	4	12	5.33	5.33		
9.48	2	4	12	5.33	5.33		
9.48	2	4	12	5.33	5.33		
9.50	2	4	12	5.33	5.33		
9.52	2	4	12	5.33	5.33		
9.53	2	4	12	5.33	5.33		
9.62	2	4	12	5.33	5.33		
9.62	2	4	12	5.33	5.33		
10.89	2	4	12	5.33	5.33		
11.03	2	4	12	5.33	5.33		
		SUB-TOTAL			198.2	10.0	317.8
		ANTICIPATED FAILURES (10%)			19.8	1.0	31.8
		WB SUB-TOTAL			218*	11*	350*

RAISED REFLECTIVE PAVEMENT MARKER	
MILE POINT	EACH
WESTBOUND	
0.47	2
0.72	0
1.03	0
1.18	0
1.50	0
1.59	0
3.08	0
3.08	0
3.76	0
3.76	0
4.25	0
5.91	0
6.99	0
7.03	2
7.14	2
7.30	0
7.38	12
7.63	0
7.83	8
7.86	0
7.86	0
7.86	0
7.88	0
8.39	0
8.82	0
8.82	0
9.05	0
9.29	0
9.30	4
9.47	4
9.47	0
9.48	0
9.48	0
9.48	0
9.48	0
9.48	0
9.48	0
9.50	0
9.52	0
9.53	0
9.62	0
9.62	0
10.89	0
11.03	0
WB TOTAL	34*

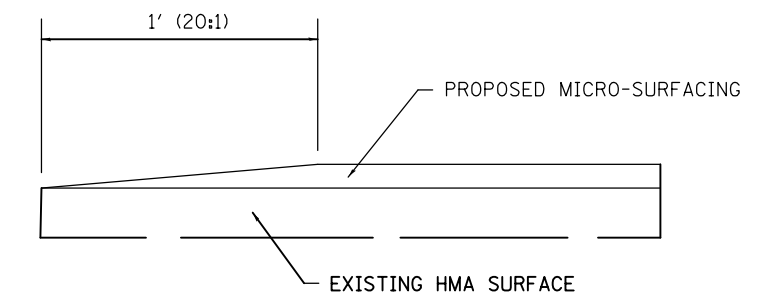
*NOT TOTAL QUANTITY.
SEE EASTBOUND SCHEDULE
FOR REMAINING QUANTITY

PAVEMENT PATCHING						
LOCATION	LANE	LENGTH	WIDTH	AREA	PARTIAL DEPTH	LONGITUDINAL PARTIAL
MILE POINT		FT	FT	SQ YD	PATCHING	DEPTH PATCHING
MILE POINTS START AT ST. THOMAS ROAD (WEST TO EAST)					TON	TON
EASTBOUND						
0.99	2	3	12	4.00	0.70	
1.50	2	40	3	13.33		2.30
1.94	1	3	12	4.00	0.70	
1.99	2	3	12	4.00	0.70	
2.24	1	3	12	4.00	0.70	
2.24	2	3	12	4.00	0.70	
2.35	1	3	12	4.00	0.70	
2.61	2	3	12	4.00	0.70	
2.73	3	40	3	13.33		2.30
3.19	2	6	12	8.00	1.40	
3.19	3	6	12	8.00	1.40	
3.25	3	8	12	10.67	1.80	
3.26	3	6	12	8.00	1.40	
3.26	2	6	12	8.00	1.40	
3.28	3	4	12	5.33	0.90	
3.29	2	4	12	5.33	0.90	
3.29	3	4	12	5.33	0.90	
3.57	3	4	12	5.33	0.90	
4.35	2	4	12	5.33	0.90	
4.59	2	4	12	5.33	0.90	
4.84	1	4	12	5.33	0.90	
7.36	2	40	12	53.33	9.00	
8.14	2	10	6	6.67		1.20
8.53	1	5	12	6.67	1.20	
8.63	1	4	12	5.33	0.90	
8.64	2	4	12	5.33	0.90	
EB TOTAL					31	6

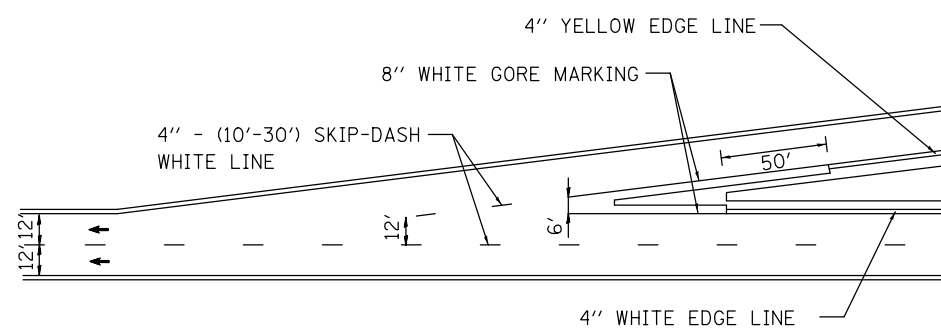
PAVEMENT PATCHING						
LOCATION	LANE	LENGTH	WIDTH	AREA	PARTIAL DEPTH	LONGITUDINAL PARTIAL
MILE POINT		FT	FT	SQ YD	PATCHING	DEPTH PATCHING
MILE POINTS START AT I-55 (EAST TO WEST)					TON	TON
WESTBOUND						
0.47	1	40	6	26.67		4.50
0.72	2	4	20	8.89	1.50	
1.03	2	4	12	5.33	0.90	
1.18	2	4	12	5.33	0.90	
1.50	2	4	12	5.33	0.90	
1.59	2	15	6	10.00	1.70	
3.08	1	4	12	5.33	0.90	
3.08	2	4	12	5.33	0.90	
3.76	1	4	12	5.33	0.90	
3.76	2	4	12	5.33	0.90	
4.25	2	4	12	5.33	0.90	
5.91	2	4	12	5.33	0.90	
6.99	3	4	12	5.33	0.90	
7.03	2-3	100	2	22.22		3.80
7.14	3	100	2	22.22		3.80
7.30	3	4	12	5.33	0.90	
7.38	3	500	2	111.11		18.70
7.63	3	4	12	5.33	0.90	
7.83	3	300	2	66.67		11.20
7.86	1	4	12	5.33	0.90	
7.86	2	4	12	5.33	0.90	
7.86	3	4	12	5.33	0.90	
7.88	3	4	12	5.33	0.90	
8.39	3	4	12	5.33	0.90	
8.82	2	4	12	5.33	0.90	
8.82	3	4	12	5.33	0.90	
9.05	1	10	12	13.33	2.30	
9.29	2	4	12	5.33	0.90	
9.30	1-2	150	2	33.33		5.60
9.47	1-2	160	2	35.56		6.00
9.47	2	4	12	5.33	0.90	
9.48	2	4	12	5.33	0.90	
9.48	2	4	12	5.33	0.90	
9.48	1	4	12	5.33	0.90	
9.48	2	4	12	5.33	0.90	
9.48	2	4	12	5.33	0.90	
9.50	2	4	12	5.33	0.90	
9.52	2	4	12	5.33	0.90	
9.53	2	4	12	5.33	0.90	
9.62	2	4	12	5.33	0.90	
9.62	2	4	12	5.33	0.90	
10.89	2	4	12	5.33	0.90	
11.03	2	4	12	5.33	0.90	
WB TOTAL					23	42



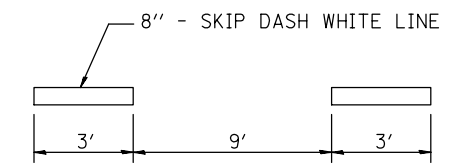
TYPICAL EXIT RAMP MARKINGS



TAPER DETAIL FOR BEGINNING AND END OF PROJECT



TYPICAL ENTRANCE RAMP MARKINGS



TYPICAL APPLICATION FOR WHITE SKIP-DASH LANE LINES

8" - (3'-9') SKIP-DASH WHITE LINE DETAIL

FILE NAME =	USER NAME = chollandeske	DESIGNED -	REVISED -
pw:\IL\084EBIDINTEG\illinois.gov\PWIDOT\Documents\IDOT Offices\District 8\Projects\D876K23\DRAWING\DATA\EA0\Sheets\D876K23-sht-detail		DRAWN -	REVISED -
Default	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 3/28/2017	DATE -	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

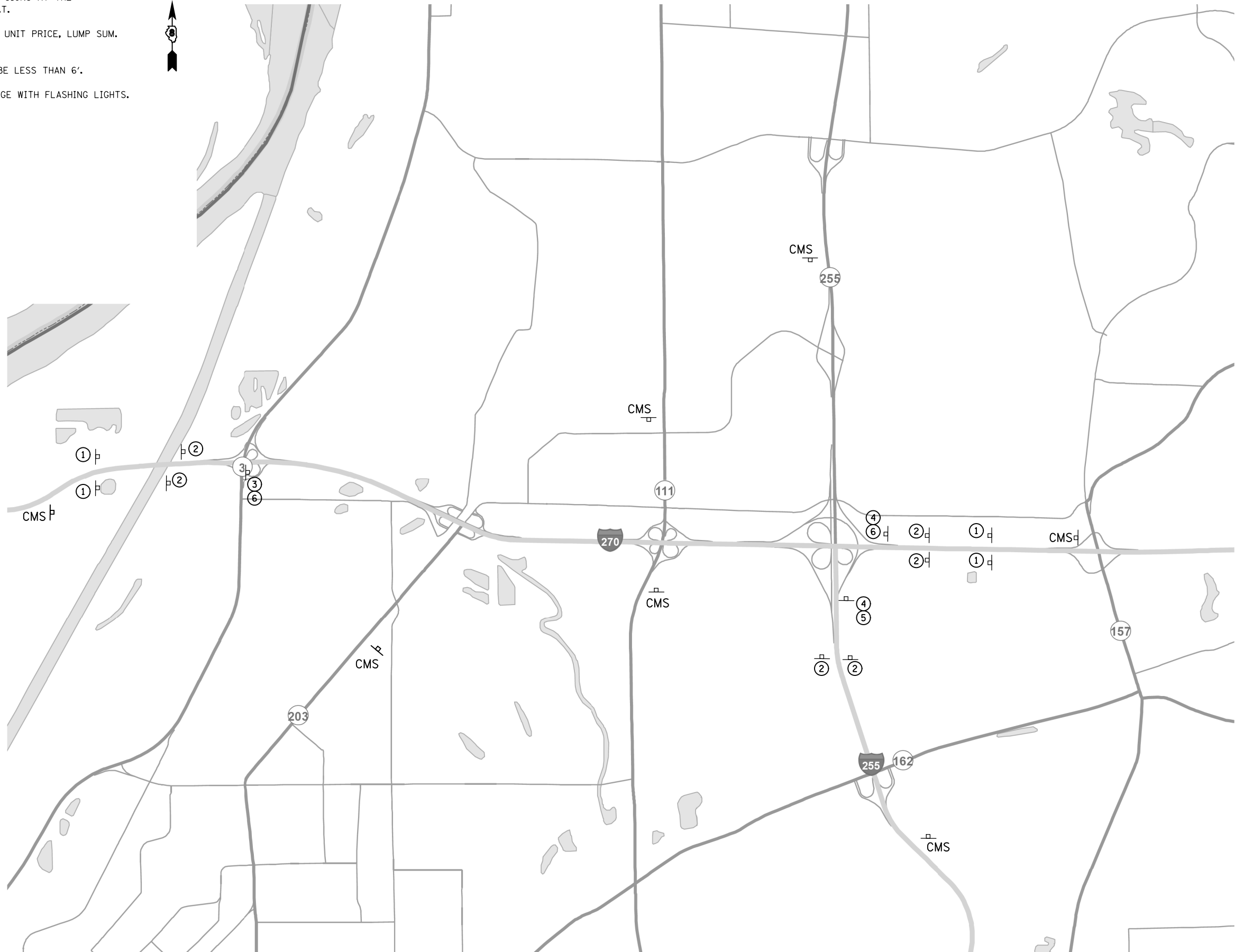
DETAILS

SCALE: N/A SHEET OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
270	60-(4,5)-IRS-5	MADISON	18	14
CONTRACT NO. 76K23				
ILLINOIS FED. AID PROJECT				

NOTES:

1. THE CONTRACTOR SHALL FURNISH THE SIGNS, POSTS AND ERECT SIGNS AT THE LOCATIONS SHOWN ON THIS SHEET, AS DIRECTED BY THE R.E./R.T.
2. THE ABOVE NOTED WORK SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE, LUMP SUM, FOR DETOUR SIGNING.
3. THE HEIGHT TO THE BOTTOM OF THE LOWEST SIGN SHALL NOT BE LESS THAN 6'.
4. ALL ADVANCE WARNING SIGNS SHALL BE 48" FLUORESCENT ORANGE WITH FLASHING LIGHTS.



SIGNS REQUIRED
TO BE FURNISHED BY CONTRACTOR

<p>① ROAD CLOSED AHEAD</p> <p>② DETOUR AHEAD</p> <p>③ DETOUR EAST 270</p> <p>④ DETOUR WEST 270</p>	<p>⑤ ↑</p> <p>⑥ ↗</p> <p>⑦ ↘</p> <p>⑧ ←</p> <p>⑨ →</p>
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FILE NAME =	USER NAME = owerbj	DESIGNED -	REVISED -
pw:\IL\084EBIDINTEG.illinois.gov\PI\DOT\Documents\IDOT Offices\District 8\Projects\D876K23\Drawings\AD\Sheets\D876K23-sht-detour		DRAWN -	REVISED -
MODELNAME	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 3/31/2017	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**DETOUR SIGNING FOR CLOSURE
OF I-270 FROM ROUTE 3 TO I-255**

SCALE: NONE SHEET 1 OF 2 SHEETS STA. TO STA.

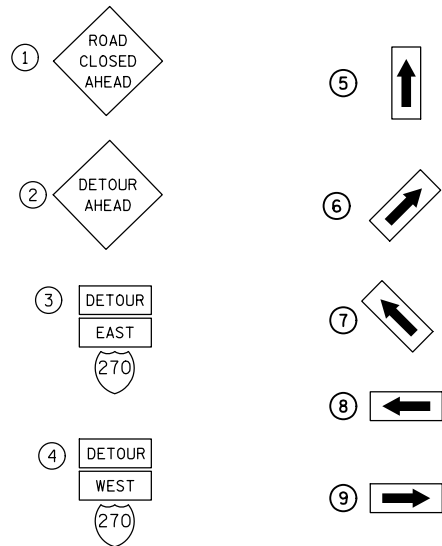
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
270	60-(4,5)-IRS-5	MADISON	18	15
CONTRACT NO. 76K23				
ILLINOIS FED. AID PROJECT				

NOTES:

1. THE CONTRACTOR SHALL FURNISH THE SIGNS, POSTS AND ERECT SIGNS AT THE LOCATIONS SHOWN ON THIS SHEET, AS DIRECTED BY THE R.E./R.T.
2. THE ABOVE NOTED WORK SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE, LUMP SUM, FOR DETOUR SIGNING.
3. THE HEIGHT TO THE BOTTOM OF THE LOWEST SIGN SHALL NOT BE LESS THAN 6'.
4. ALL ADVANCE WARNING SIGNS SHALL BE 48" FLUORESCENT ORANGE WITH FLASHING LIGHTS.



SIGNS REQUIRED
TO BE FURNISHED BY CONTRACTOR



FILE NAME =	USER NAME = chollandeske	DESIGNED -	REVISED -
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Default	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 3/30/2017	DATE -	REVISED -

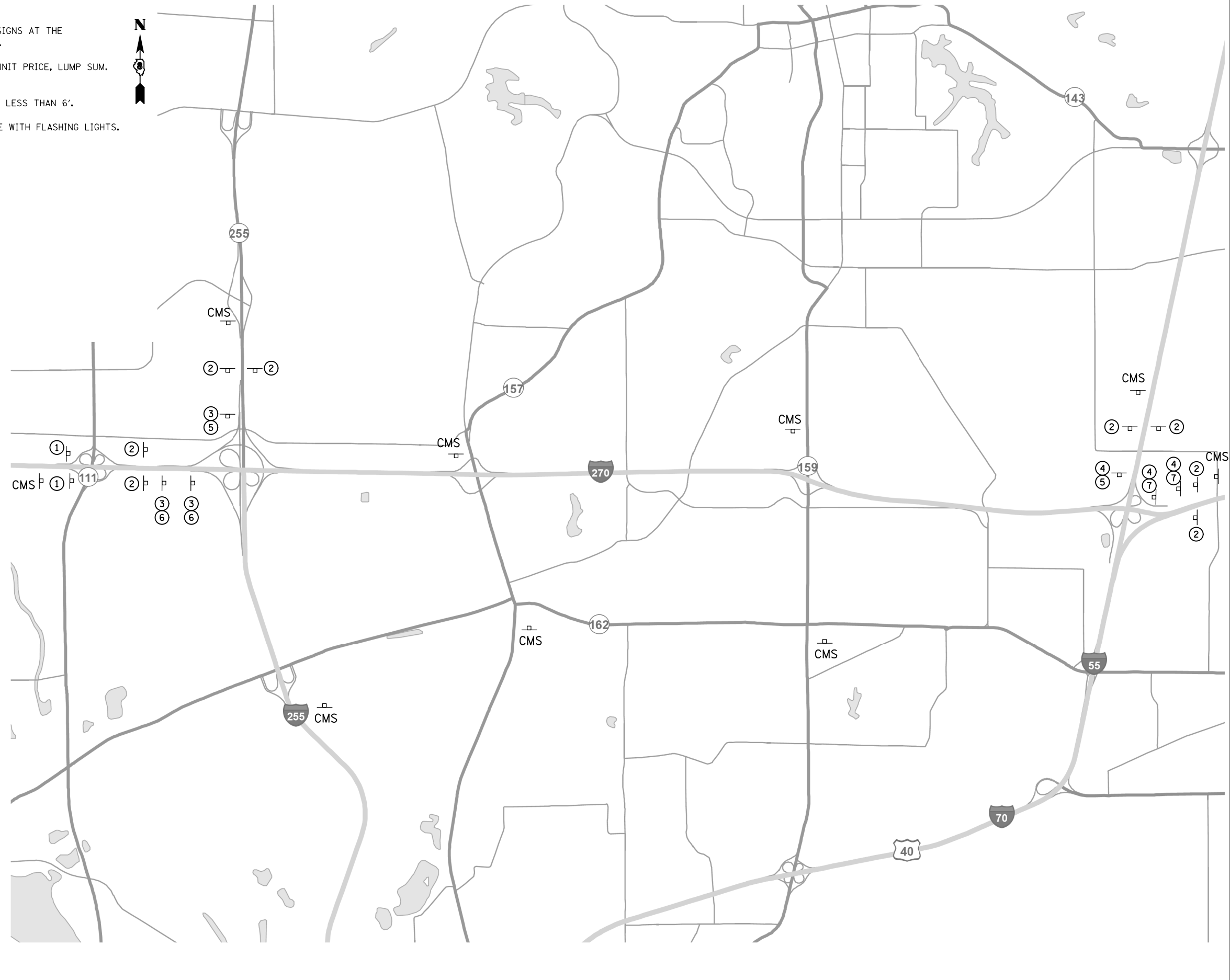
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DETOUR SIGNING FOR CLOSURE OF I-270 FROM ROUTE 3 TO I-255			
SCALE: NONE	SHEET 2 OF 2 SHEETS	STA.	TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
270	60-(4,5)-IRS-5	MADISON	18	16
				CONTRACT NO. 76K23
ILLINOIS FED. AID PROJECT				

NOTES:

1. THE CONTRACTOR SHALL FURNISH THE SIGNS, POSTS AND ERECT SIGNS AT THE LOCATIONS SHOWN ON THIS SHEET, AS DIRECTED BY THE R.E./R.T.
2. THE ABOVE NOTED WORK SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE, LUMP SUM, FOR DETOUR SIGNING.
3. THE HEIGHT TO THE BOTTOM OF THE LOWEST SIGN SHALL NOT BE LESS THAN 6'.
4. ALL ADVANCE WARNING SIGNS SHALL BE 48" FLUORESCENT ORANGE WITH FLASHING LIGHTS.



SIGNS REQUIRED
TO BE FURNISHED BY CONTRACTOR

<p>① </p> <p>② </p> <p>③ </p> <p>④ </p>	<p>⑤ </p> <p>⑥ </p> <p>⑦ </p> <p>⑧ </p> <p>⑨ </p>
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FILE NAME =	USER NAME = owerbj	DESIGNED -	REVISED -
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MODELNAME	PLOT DATE = 3/31/2017	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

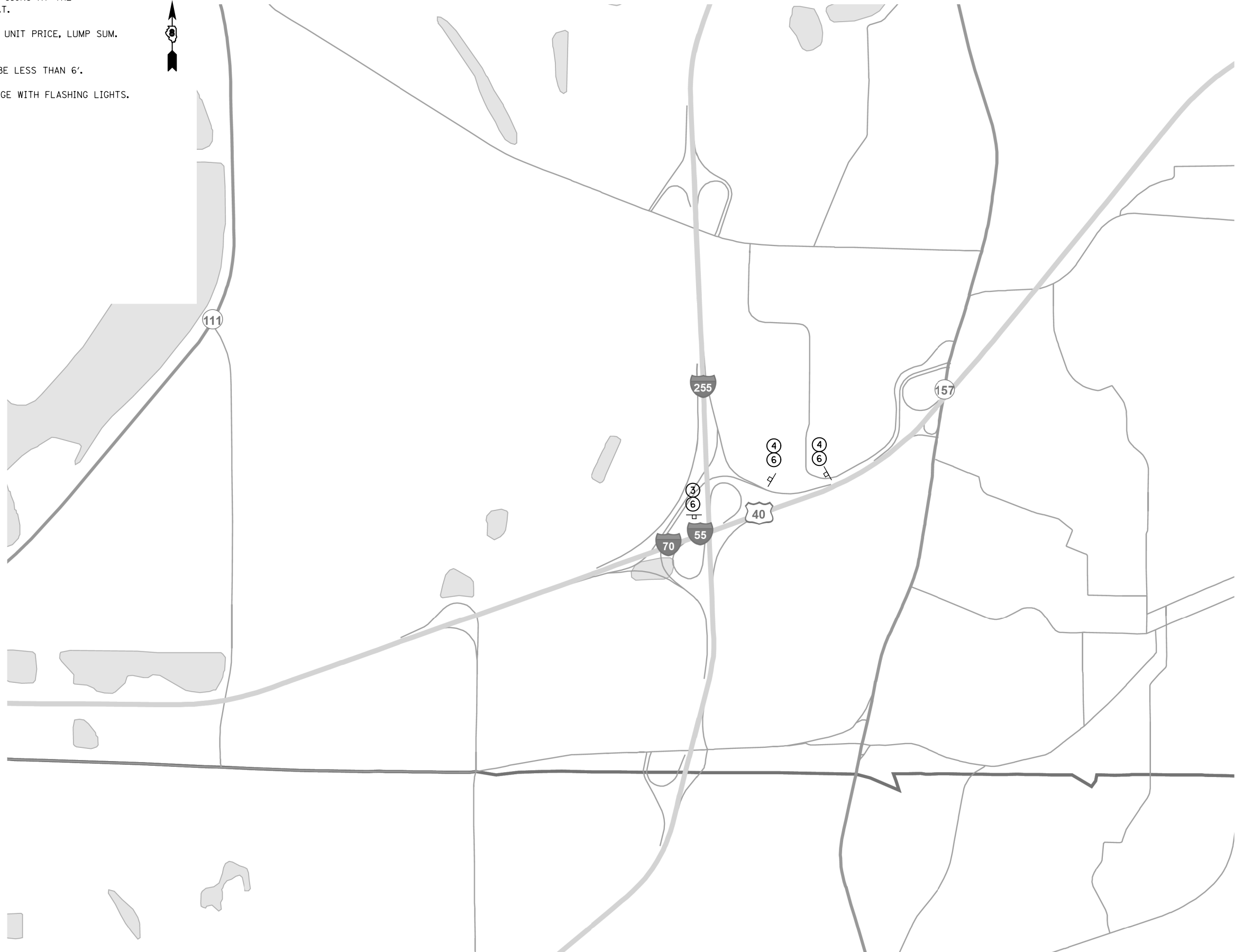
**DETOUR SIGNING FOR CLOSURE
OF I-270 FROM I-255 TO I-55/70**

SCALE: NONE SHEET 1 OF 2 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
270	60-(4,5)-IRS-5	MADISON	18	17
CONTRACT NO. 76K23				
ILLINOIS FED. AID PROJECT				

NOTES:

1. THE CONTRACTOR SHALL FURNISH THE SIGNS, POSTS AND ERECT SIGNS AT THE LOCATIONS SHOWN ON THIS SHEET, AS DIRECTED BY THE R.E./R.T.
2. THE ABOVE NOTED WORK SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE, LUMP SUM. FOR DETOUR SIGNING.
3. THE HEIGHT TO THE BOTTOM OF THE LOWEST SIGN SHALL NOT BE LESS THAN 6'.
4. ALL ADVANCE WARNING SIGNS SHALL BE 48" FLUORESCENT ORANGE WITH FLASHING LIGHTS.



SIGNS REQUIRED
TO BE FURNISHED BY CONTRACTOR

<p>① </p> <p>② </p> <p>③ </p> <p>④ </p>	<p>⑤ </p> <p>⑥ </p> <p>⑦ </p> <p>⑧ </p> <p>⑨ </p>
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FILE NAME =	USER NAME = chollandeske	DESIGNED -	REVISED -
pw:\IL\084EBIDINTEG\illinois.gov\PWIDOT\Documents\IDOT Offices\District 8\Projects\0876\DRAWING\DATA\EA\Sheets\D876K23-sht-detour		DATE -	REVISED -
Default	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 3/30/2017	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**DETOUR SIGNING FOR CLOSURE
OF I-270 FROM I-255 TO I-55/70**

SCALE: NONE SHEET 2 OF 2 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
270	60-(4,5)-IRS-5	MADISON	18	18
CONTRACT NO. 76K23				
ILLINOIS FED. AID PROJECT				