

INDEX OF SHEETS

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
PROPOSED
HIGHWAY PLANS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
840	(139,139Z)RS-5	KANKAKEE	14	1
		ILLINOIS	CONTRACT NO. 66A24	

HIGHWAY STANDARDS SEE SHEET NO. 2

FAP ROUTE 840 (US 45/52)
 SECTION (139,139Z)RS-5

3P MILLING AND RESURFACING
 KANKAKEE COUNTY

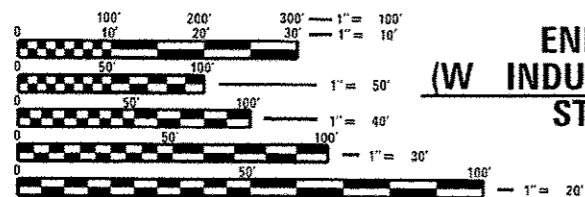
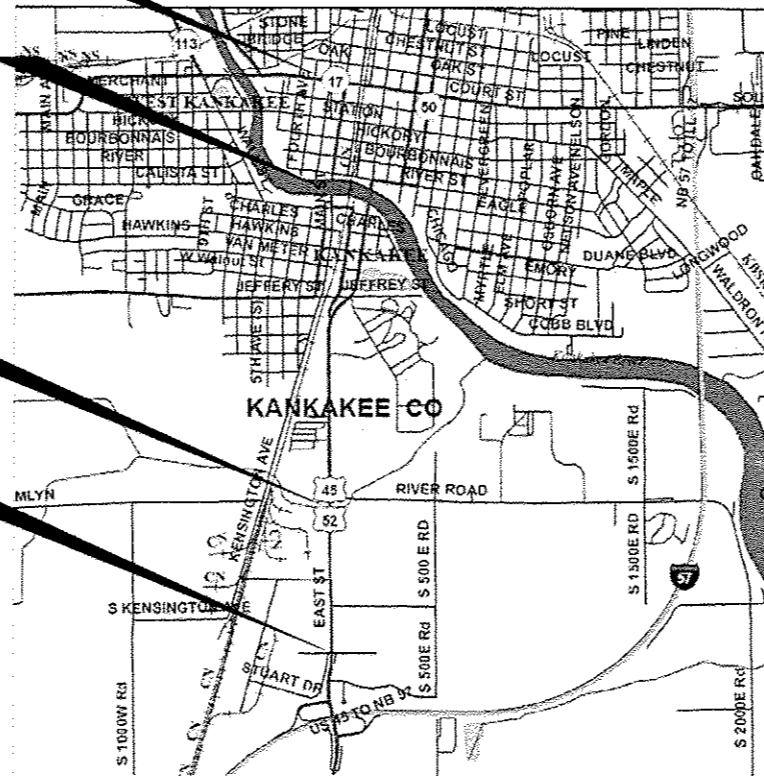
BEGIN PROJECT
(IL 17 & WASHINGTON ST)
 LM 0.00

BRIDGE OMISSION
SN 046-0112
 LM 0.43 TO LM 0.57

BRIDGE OMISSION:
SN 046-0051
 STA 78+70 TO 80+31

END PROJECT
(W INDUSTRIAL PARK DR.)
 STA. 110+90

C-93-109-10



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

PROJECT ENGINEER: JOE KANNEL, P.E.
 PROJECT MANAGER: SCOTT FERGUSON, P.E.

GROSS LENGTH = 14942.4 FT. = 2.83 MILE
 NET LENGTH = 14056.4 FT. = 2.66 MILE

CONTRACT NO. 66A24



FUNCTIONAL CLASSIFICATION:
OTHER ARTERIAL

2013 ADT: 16400

PV=92.5% SU=5.03% MU=2.4%

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION
 DIVISION OF HIGHWAYS

SUBMITTED June 13, 2014
Paul Coetzer
 DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER

July 18, 2014
John D. Baranzoni, P.E.
 ENGINEER OF DESIGN AND ENVIRONMENT

July 18, 2014
Omer Osman, P.E.
 DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

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OF THE STATE OF ILLINOIS

STANDARDS

000001-06	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
001001-02	AREAS OF REINFORCEMENT BARS
001006	DECIMAL OF AN INCH AND OF A FOOT
406201-01	MAILBOX TURNOUT
424001-07	PERPENDICULAR CURB RAMPS FOR SIDEWALKS
424006-01	DIAGONAL CURB RAMPS FOR SIDEWALKS
424011-01	CORNER PARALLEL CURB RAMPS FOR SIDEWALKS
424021-02	DEPRESSED CORNER FOR SIDEWALKS
424026-01	ENTRANCE / ALLEY PEDESTRIAN CROSSINGS
424031-01	MEDIAN PEDESTRIAN CROSSINGS
606001-05	CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
606301-04	PC CONCRETE ISLANDS AND MEDIANS
701101-04	OFF-ROAD OPERATIONS MULTILANE, 15' (4.5 m) TO 24" (600 mm) FROM
701501-06	URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED
701606-09	URBAN LANE CLOSURE, MULTILANE, 2W WITH MOUNTABLE MEDIAN
701701-09	URBAN LANE CLOSURE, MULTILANE INTERSECTION
701801-05	LANE CLOSURE, MULTILANE 1W OR 2W CROSSWALK OR SIDEWALK CLOSURE
701901-03	TRAFFIC CONTROL DEVICES
780001-04	TYPICAL PAVEMENT MARKINGS
781001-03	TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS
782001	PRISMATIC CURB REFLECTORS
886001-01	DETECTOR LOOP INSTALLATIONS
886006-01	TYPICAL LAYOUT FOR DETECTION LOOPS

ANY REFERENCE TO A STANDARD IN THESE PLANS SHALL BE INTERPRETED TO MEAN THE EDITION AS INDICATED BY THE SUBNUMBER SHOWN IN THE LIST OF STANDARDS OR THE COPY INCLUDED IN THESE PLANS.

THE FOLLOWING RATES OF APPLICATION HAVE BEEN USED IN CALCULATING PLAN QUANTITIES:

GRANULAR MATERIALS	2.05	TONS / CU YD
HMA RESURFACING	112	LBS / SQ YD / IN
SHORT TERM PAVEMENT MARKING	10	FT / 100 FT OF APPLICATION
MIX FOR CRACKS, JTS & FLGWYS	0.0003	TONS / SQ YD
LEVEL BINDER (HAND METHOD)	0.0005	TONS / SQ YD
SUPPLEMENTAL WATERING	3	GAL / SQ YD / APPLICATION
CALCIUM CHLORIDE	2	LB / SQ YD / APPLICATION
AGGREGATE DITCH CHECKS	5	TONS AGGREGATE

ALL DAMAGE TO DEPARTMENT OWNED UNDERGROUND FACILITIES, CAUSED BY THE CONTRACTOR SHALL BE REPAIRED TO THE SATISFACTION OF THE DEPARTMENT AT THE CONTRACTOR'S EXPENSE. THIS SHALL INCLUDE ALL TEMPORARY REPAIRS REQUIRED TO KEEP THE FACILITY OPERATIONAL WHILE MATERIAL IS BEING OBTAINED TO MAKE PERMANENT REPAIRS. SPLICING OF ELECTRIC CABLE WILL NOT BE ALLOWED. ELECTRIC CABLE SHALL BE REPLACED FROM POLE TO POLE OR CONTROLLER.

MEMBERS OF JULIE KNOWN TO BE WITHIN THE LIMITS OF THE IMPROVEMENT ARE: NONE

NON-MEMBERS OF JULIE KNOWN TO BE WITHIN THE LIMITS OF THE IMPROVEMENT ARE: NONE

THE CONTRACTOR SHALL CONTACT JULIE AT LEAST 48 HOURS PRIOR TO EXCAVATION TO DETERMINE WHICH UTILITIES ARE IN THE AREA.

GENERAL NOTES

THE THICKNESS OF HMA 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 IS PLACED.

THE HMA SURFACE OF ALL MAILBOX TURNOUTS, PRIVATE ENTRANCES, COMMERCIAL ENTRANCES, AND SIDE ROADS SHALL BE MADE NEATLY, IN A WORKMANLIKE MANNER, AND SHALL ACCURATELY CONFORM TO THE SHAPES AND DIMENSIONS SHOWN ON THE PLAN DETAILS. IF REQUIRED BY THE ENGINEER, THE CONTRACTOR SHALL SAW CUT THE HMA SURFACE TO CONFORM TO THE SHAPES AND DIMENSIONS SHOWN ON THE PLAN DETAILS. THIS WORK WILL BE INCLUDED IN THE COST OF THE HMA SURFACE.

EXCEPT AS NOTED ON THE PLANS, PAVEMENT GRADES SHOWN ARE AT THE TOP OF PAVEMENT SURFACES.

THE ENGINEER WILL BE THE SOLE JUDGE CONCERNING CURING TIME FOR THE VARIOUS HMA LIFTS.

SEEDING WILL NOT BE PERMITTED AT ANY TIME WHEN THE GROUND IS FROZEN, WET, OR IN AN UNTILLABLE CONDITION. LOCATIONS TO BE SEEDED WILL BE DETERMINED BY THE ENGINEER.

ALL EXCAVATED MATERIAL, WHICH INCLUDES DIGGING OR GRADING OF ANY SOIL OR FILL MATERIAL, WITH THE EXCEPTION OF AGGREGATE FILLS, MUST BE INCORPORATED WITHIN THE 100' RIGHT OF WAY DUE TO ENVIRONMENTAL DOCUMENTATION REQUIREMENTS.

DETECTABLE WARNING SURFACES SHALL EXTEND 2.0 FT MINIMUM IN THE DIRECTION OF PEDESTRIAN TRAVEL. AT CURB RAMPS AND BLENDED TRANSITIONS, DETECTABLE WARNING SURFACES SHALL EXTEND THE FULL WIDTH OF THE RAMP RUN (EXCLUDING ANY FLARES) OR BLENDED TRANSITIONS. SOME DETECTABLE WARNING PRODUCTS REQUIRE A CONCRETE BORDER FOR PROPER INSTALLATION. THE CONCRETE BORDER SHALL NOT EXCEED 2 INCHES.

ALL ELEVATIONS REFERRING TO U.S.G.S. MEAN SEA LEVEL DATUM.

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DISTRICT THREE

PREPARED BY: *D. Beaulieu*
DISTRICT STUDIES & PLANS ENGINEER

DATE: June 13, 2014

EXAMINED BY: *Wesley Phillips*
DISTRICT CONSTRUCTION ENGINEER

Wayne Phillips
DISTRICT MATERIALS ENGINEER

Grace C. Fischer
DISTRICT OPERATIONS ENGINEER

FILE NAME *	USER NAME * mafaddenka	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	STANDARDS & GENERAL NOTES	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
c:\pwwork\l\pavdos\mafaddenka\d0248400	366A24-shr\cover.dgn	DRAWN -	REVISED -			840	1139.1392RS-5	KANKAKEE	14	2	
	PLOT SCALE = 100.0000' / 1"	CHECKED -	REVISED -			CONTRACT NO. 66A24					
	PLOT DATE = 6/13/2014	DATE -	REVISED -			ILLINOIS FED. AID PROJECT					
						SCALE:	SHEET NO.	OF	SHEETS	STA.	TO STA.

100% STATE
CONSTR. CODE

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	100% STATE CONSTR. CODE	
				ROADWAY 0005	URBAN
20400800	FURNISHED EXCAVATION	CU YD	15	15	
25000400	NITROGEN FERTILIZER NUTRIENT	POUND	2.5	2.5	
25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	2.5	2.5	
25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	2.5	2.5	
25200110	SODDING, SALT TOLERANT	SO YD	138	138	
25200200	SUPPLEMENTAL WATERING	UNIT	6.9	6.9	
40600400	MIXTURE FOR CRACKS, JOINTS, AND FLANGEWAYS	TON	23	23	
40600537	LEVELING BINDER (HAND METHOD), IL-9.5FG, N70	TON	39	39	
40600637	LEVELING BINDER (MACHINE METHOD), IL-9.5FG, N70	TON	3253	3253	
40600990	TEMPORARY RAMP	SO YD	4275	4275	
40603340	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70	TON	7591	7591	
40800050	INCIDENTAL HOT-MIX ASPHALT SURFACING	TON	551	551	
42400100	PORTLAND CEMENT CONCRETE SIDEWALK 4 INCH	SQ FT	3794	3794	
42400800	DETECTABLE WARNINGS	SO FT	610	610	

FILE NAME =	USER NAME = ferguson	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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PLOT DATE = 6/13/2014	DATE -	REVISED -	ILLINOIS FED. AID PROJECT										

100% STATE
CONSTR. CODE

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	100% STATE CONSTR. CODE	
				ROADWAY 0005	URBAN
44000158	HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/4"	SQ YD	77462	77462	
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	654	654	
44000600	SIDEWALK REMOVAL	SQ FT	3794	3794	
48101200	AGGREGATE SHOULDERS, TYPE B	TON	991	991	
60605000	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24	FOOT	654	654	
60625600	ISLAND PAVEMENT (6')	SQ YD	9	9	
67100100	MOBILIZATION	L SUM	1	1	
70102625	TRAFFIC CONTROL AND PROTECTION, STANDARD 701606	L SUM	1	1	
70102635	TRAFFIC CONTROL AND PROTECTION, STANDARD 701701	L SUM	1	1	
70102640	TRAFFIC CONTROL AND PROTECTION, STANDARD 701801	L SUM	1	1	
70106800	CHANGEABLE MESSAGE SIGN	CAL MO	3	3	
70300100	SHORT TERM PAVEMENT MARKING	FOOT	44301	44301	
70300210	TEMPORARY PAVEMENT MARKING LETTERS AND SYMBOLS	SQ FT	1085.6	1085.6	
70300220	TEMPORARY PAVEMENT MARKING - LINE 4"	FOOT	55553	55553	

100% STATE
CONSTR. CODE

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	ROADWAY	
				0005	URBAN
70300240	TEMPORARY PAVEMENT MARKING - LINE 6"	FOOT	4270	4270	
70300250	TEMPORARY PAVEMENT MARKING - LINE 8"	FOOT	2566	2566	
70300260	TEMPORARY PAVEMENT MARKING - LINE 12"	FOOT	2289	2289	
70300280	TEMPORARY PAVEMENT MARKING - LINE 24"	FOOT	634	634	
70301000	WORK ZONE PAVEMENT MARKING REMOVAL	SO FT	14767	14767	
* 78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SO FT	1085.6	1085.6	
* 78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	55553	55553	
* 78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	170	170	
* 78000500	THERMOPLASTIC PAVEMENT MARKING - LINE 8"	FOOT	1826	1826	
* 78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	2289	2289	
* 78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	634	634	
* 78004230	PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - INLAID - LINE 6"	FOOT	4100	4100	
* 78004240	PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - INLAID - LINE 8"	FOOT	740	740	
* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	1055	1055	

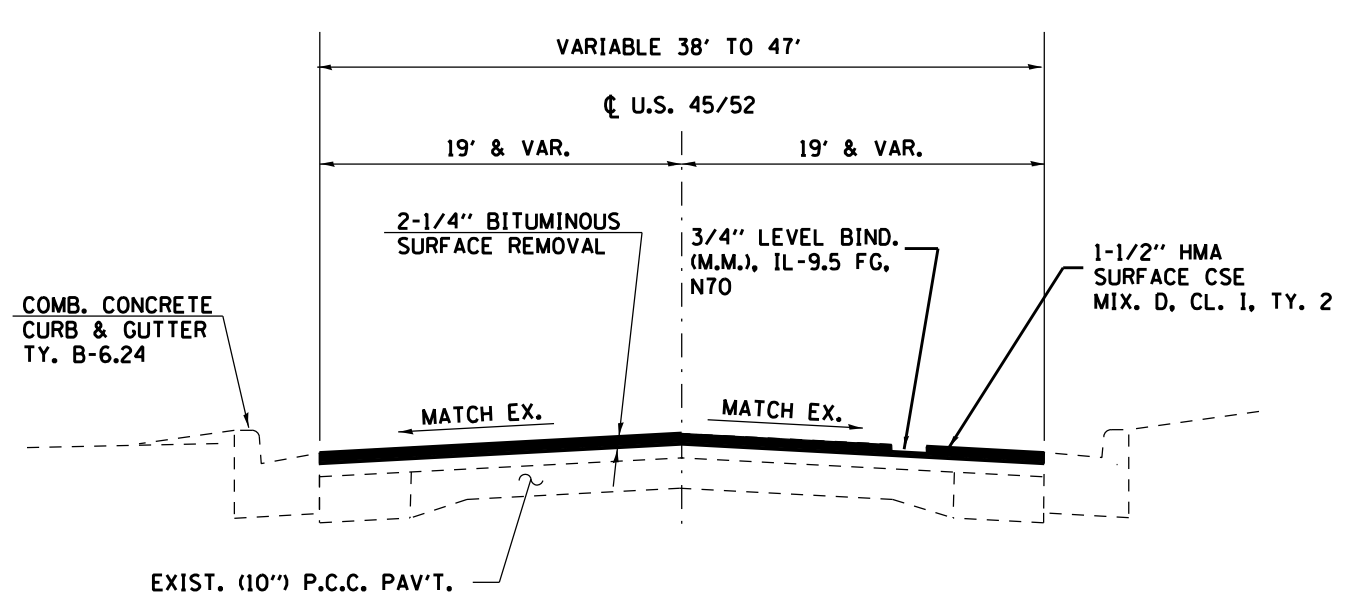
* SPECIALTY ITEMS

FILE NAME =	USER NAME = ferguson	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES				F.A.P. RIE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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PLOT DATE = 6/13/2014		DATE -	REVISED -		SCALE:	SHEET	OF	SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT		

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTR. CODE
				ROADWAY 0005 URBAN
* 78200300	PRISMATIC CURB REFLECTOR	EACH	48	48
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	933	933
* 81028350	UNDERGROUND CONDUIT, PVC, 2" DIA.	FOOT	78	78
* 87900200	DRILL EXISTING HANDHOLE	EACH	5	5
* 88600100	DETECTOR LOOP, TYPE 1	FOOT	5495	5495
X4060110	BITUMINOUS MATERIALS (PRIME COAT)	POUND	52615	52615
X4401198	HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH	SO YD	4371	4371
X4402800	ISLAND PAVEMENT REMOVAL	SO YD	9	9
X5619210	WATER VALVES TO BE ADJUSTED, SPECIAL	EACH	19	19
X6030205	FRAMES AND GRATES TO BE ADJUSTED (SPECIAL)	EACH	37	37
X7830074	GROOVING FOR RECESSED PAVEMENT MARKING 7"	FOOT	4100	4100
X7830076	GROOVING FOR RECESSED PAVEMENT MARKING 9"	FOOT	740	740
* X8860100	LOOP DETECTOR TESTING	EACH	4	4
Z0030850	TEMPORARY INFORMATION SIGNING	SO FT	42	42
Z0034105	MATERIAL TRANSFER DEVICE	TON	10844	10844

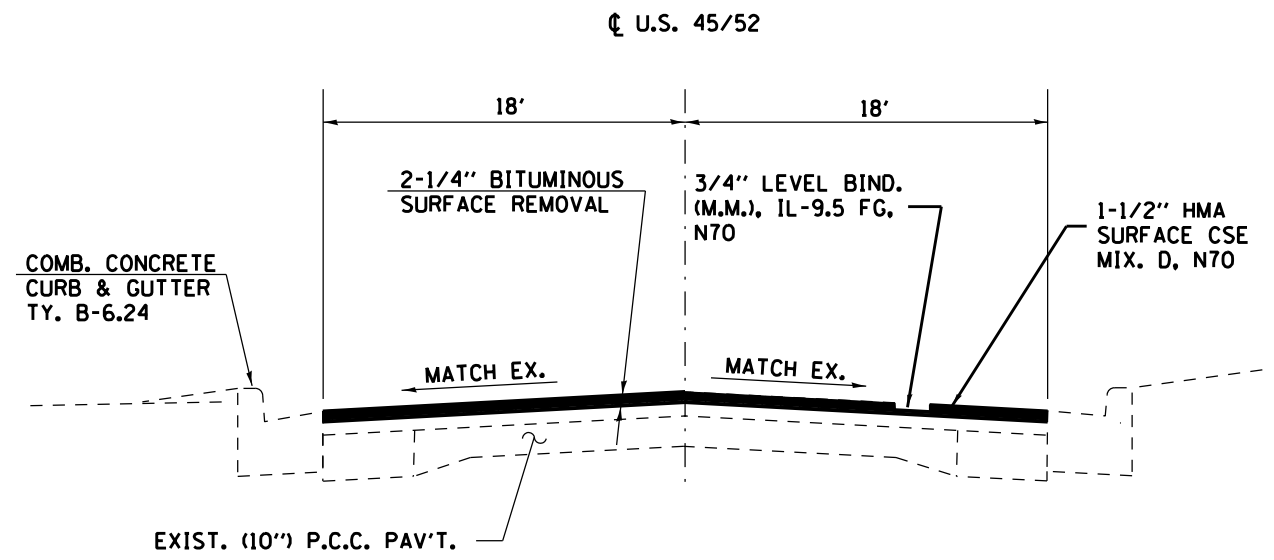
* SPECIALTY ITEMS

FILE NAME =	USER NAME = ferguson	DESIGNED -	REVISD -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
c:\pe\work\p\dot\ferguson\08240420\	66A24-ht-schedule.dgn	DRAWN -	REVISD -					840	(139,1392)RS-5	KANKAKEE	14	6
PLOT SCALE = 1/8" = 1'-0"	CHECKED -	REVISD -			SCALE: SHEET OF SHEETS STA. TO STA.			CONTRACT NO. 66A24				
PLOT DATE = 6/13/2014	DATE -	REVISD -			ILLINOIS FED. AID PROJECT							



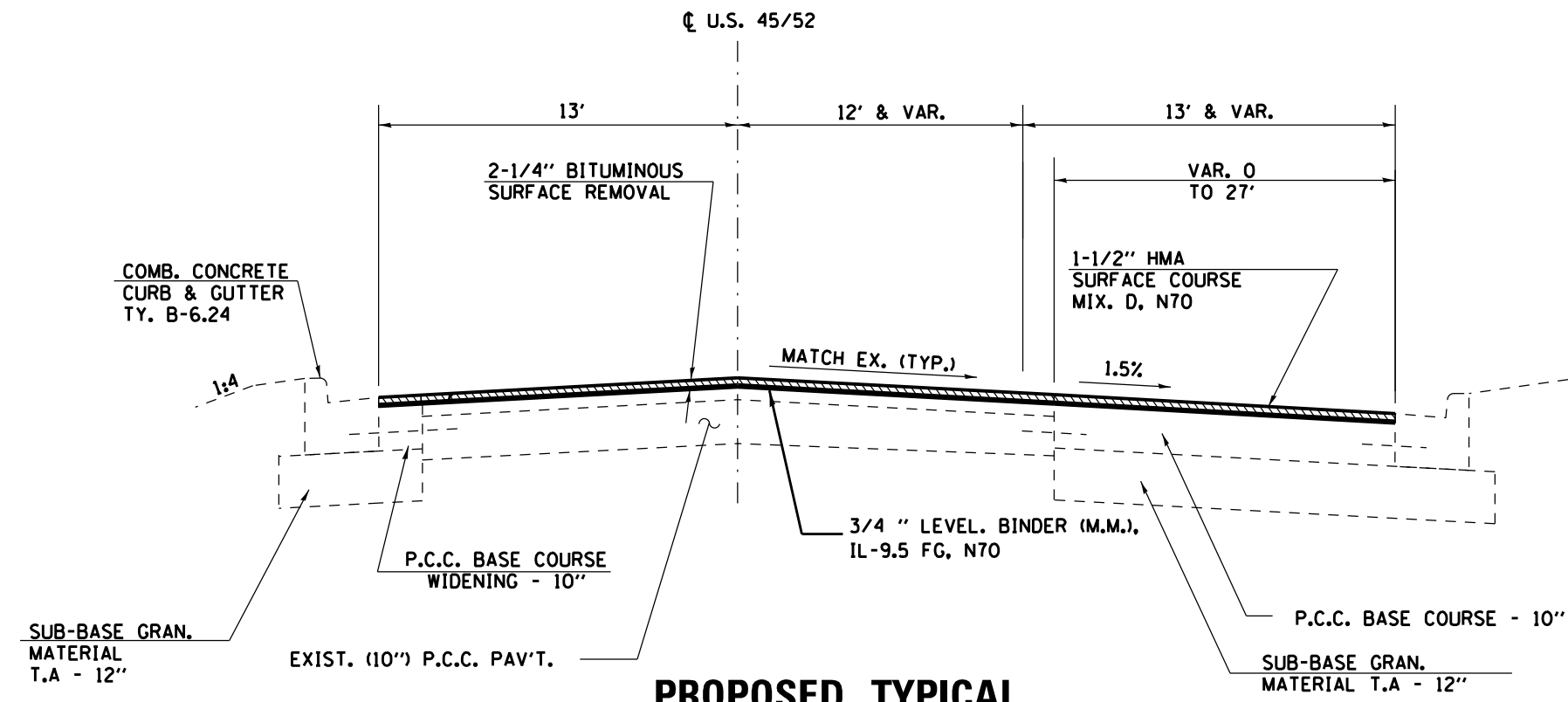
PROPOSED TYPICAL

U.S. RTE. 45 & 52
LM 0.00 TO LM 0.43
LM 0.57 TO LM 0.70



PROPOSED TYPICAL

U.S. RTE. 45 & 52
SLM 0.70 TO 1.02

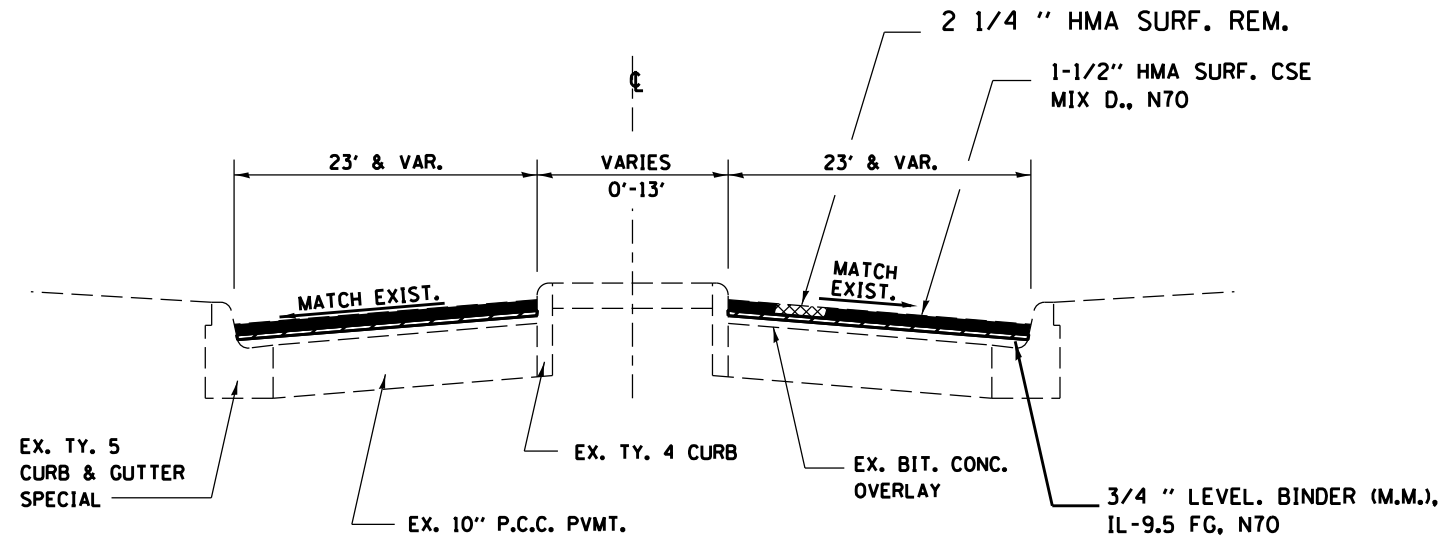


PROPOSED TYPICAL

U.S. RTE. 45 & 52
LM 1.02 TO LM 1.21

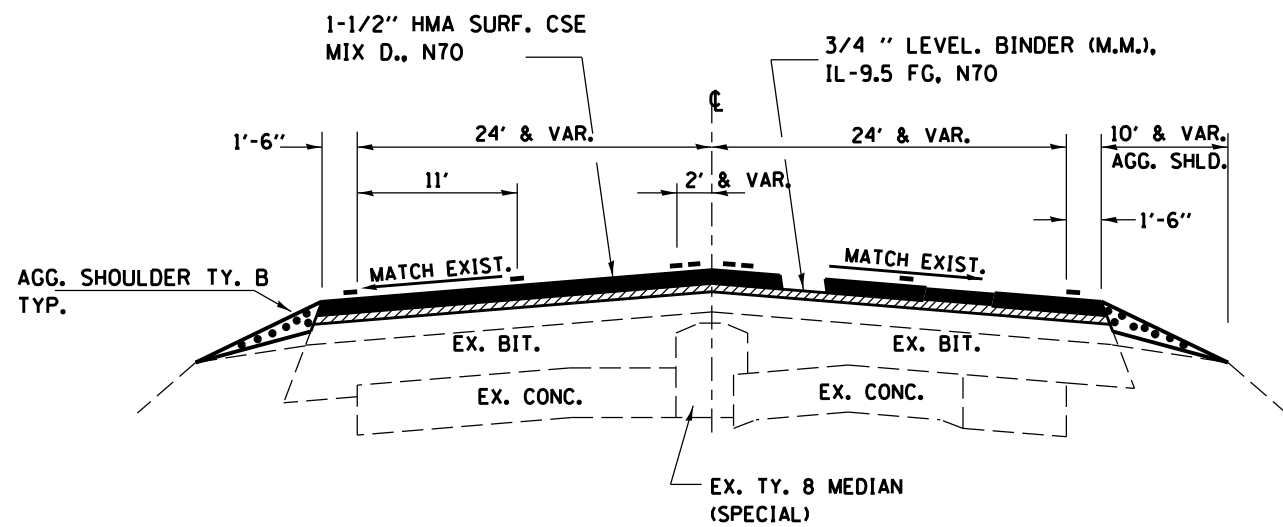
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PLOT SCALE = 100.0000' / 1"	CHECKED -	REVISED -	SCALE: SHEET NO. OF SHEETS STA. TO STA.			CONTRACT NO. 66A24						
PLOT DATE = 6/13/2014	DATE -	REVISED -	ILLINOIS FED. AID PROJECT									

MIXTURES TABLE			
	HMA LEVEL BINDER	HMA SURFACE	INCIDENTAL HMA
PG GRADE	PG64-22	PG64-22	PG64-22
DESIGN AIR Voids	4.0% @ N70	4.0% @ N70	4.0% @ N50
MIXTURE COMPOSITION	IL 9.5 FG	IL 9.5	IL 9.5
FRICTION AGGREGATE		MIXTURE D	MIXTURE C
DENSITY TEST METHOD	CORRELATION	CORRELATION	SATISFACTION OF ENGINEER

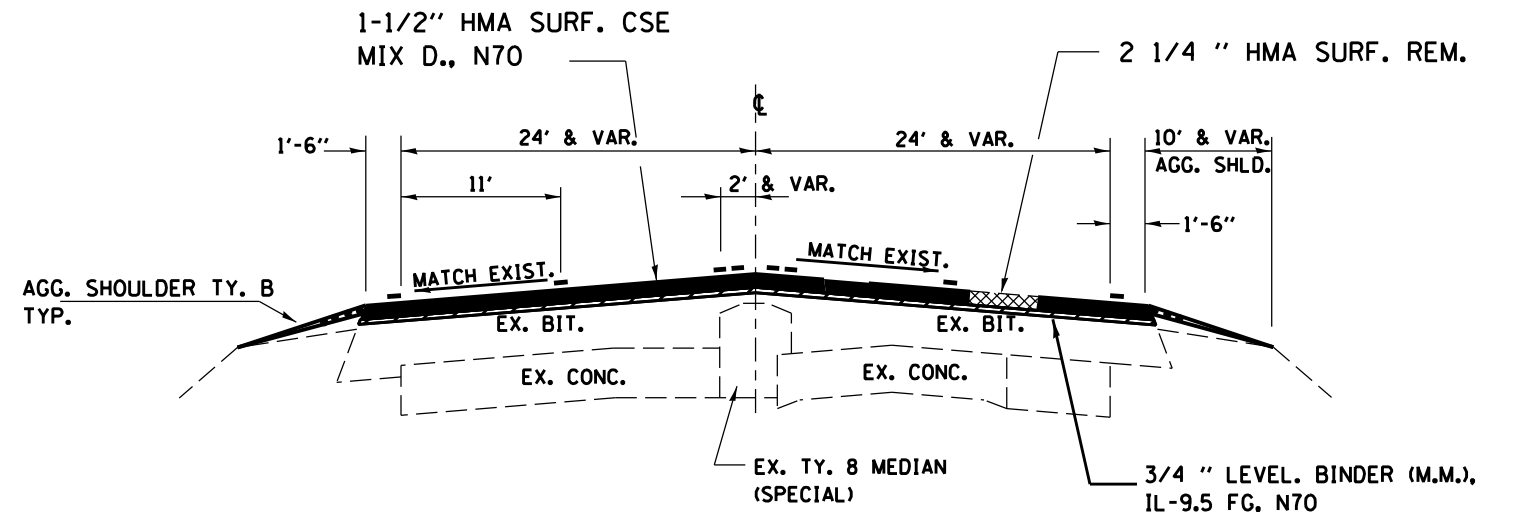


PROPOSED TYPICAL
 IL 50 & U.S. RTE. 45 & 52
 STA. 135+70 TO STA. 149+53.51

STATION EQUATION	
IL 50	
STA. 149+53.51 NORTH =	
STA. 37+82.90 SOUTH	
US 45/52	
LM 1.21 NORTH =	
STA. 29+70 SOUTH	



PROPOSED TYPICAL
 U.S. RTE. 45 & 52
 STA. 37+82.90 TO STA. 74+96 (SOUTH)



PROPOSED TYPICAL
 U.S. RTE. 45 & 52
 STA. 74+96 TO STA. 77+25

NOTE:
 EXTRA AGG. FOR LOW SHLD.

FILE NAME =	USER NAME = mcfaddenka	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL SECTIONS			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
ca:\pwwork\pwwork\mcfaddenka\0248400\366A24-shd-details.DGN	366A24-shd-details.DGN	DRAWN -	REVISED -					840	1139,1392/RS-5	KANKAKEE	14	8
PLOT SCALE = 100.0000' / 1"		CHECKED -	REVISED -		SCALE: SHEET NO. OF SHEETS STA. TO STA.			CONTRACT NO. 66A24				
PLOT DATE = 6/13/2014		DATE -	REVISED -		ILLINOIS FED. AID PROJECT							

MAINLINE SCHEDULE												
LOCATION LOG MILE	DESCRIPTION	LENGTH FOOT	WIDTH FOOT	AREA SQ YD	HMA	MIX FOR	HMA LEVEL	HMA LEVEL	HMA	TEMP	BIT	ACC
					SURF CSE N70 MIX "D"	CRACKS, JOINTS AND FLANGWAYS	LEVEL BINDER MM	LEVEL BINDER MM	SURFACE REMOVAL 2-1/4" SO YD	RAMP SO YD	MAT PRIME COAT POUND	SHOULDER TYPE B TON
LM 0.00 TO 0.02	US 45/52 & IL 17 (Court Street)	115	47	600.6	58.9	0.2	25	0.3	601		405	
LM 0.02 TO 0.06		210	38-47	991.7	97.2	0.3	31	0.4	982		669	
LM 0.06 TO 0.09		162	40	720	70.6	0.2	30	0.4	720		486	
LM 0.09 TO 0.18		453	42	2114	207.2	0.6	89	1.1	2114		1427	
LM 0.18 TO 0.35		900	38	3800	372.4	1.1	160	1.9	3800		2565	
LM 0.35 TO 0.43		423	42	1974	193.5	0.6	83	1.0	1974		1332	
LM 0.43 TO 0.57	BRIDGE OMISSION	725										
LM 0.57 TO 0.60		164	40	728.9	71.4	0.2	31	0.4	729		492	
LM 0.60 TO 0.67		348	40	1457.8	142.9	0.4	61	0.7	1458		984	
LM 0.67 TO 0.71		200	38	844.4	82.8	0.3	35	0.4	844		570	
LM 0.71 TO 1.03		1700	36	6800	666.4	2.0	286	3.4	6800		4590	
LM 1.03 TO 1.21		943	VAR	5179	507.5	1.6	218	2.6	5179		3496	
LM 0.18 RT	STATION ST	37	35-66	207.6	20.3	0.1	9	0.1	208	285	140	
LM 0.18 LT	STATION ST	30	36-54	150	14.7	0.0	6	0.1	150	285	101	
LM 0.60 RT	WEST WATER ST	VAR	VAR	163.3	16.0	0.0	7	0.1	163	285	110	
LM 0.60 SOUTH	IL 115 S.	VAR	VAR	155	15.2	0.0	7	0.1	155	285	105	
LM 1.13 LT	JEFFERY ST	VAR	VAR	1280	125.4	0.4	54	0.6	1280	180	864	
LM 1.13 RT	JEFFERY ST	VAR	VAR	1304	127.8	0.4	55	0.7	1304	180	880	
STA. TO STA.												
29+70 TO 30+61	US 45/52 & IL 50	91	48-58	535.9	52.5	0.2	23	0.3	536		362	
30+61 TO 32+81		22	58	1417.8	138.9	0.4	60	0.7	1418		957	
32+81 TO 35+11		230	48	1226.7	120.2	0.4	48	0.6	1227		828	
35+11 TO 37+81		270	51	1530	149.9	0.5	64	0.8	1530		1033	
37+81 TO 68+30		3049	51	17277.7	1693.2	5.2	726	8.6	17278		11662	419
68+30 TO 71+52		322	51-60	1985.7	194.6	0.6	83	1.0	1986		1340	58
71+52 TO 76+97		545	60	3633.3	356.1	1.1	153	1.8	3633		2452	5
76+97 TO 78+70		173	60-51	1066.8	104.5	0.3	45	0.5	1067		720	
78+70 TO 80+31	BRIDGE OMISSION											
80+31 TO 92+33		1202	51	6811.3	667.5	2.0	286	3.4	6811		4598	207
92+33 TO 95+54		321	51-60	1979.5	194.0	0.6	83	1.0	1980		1336	65
95+54 TO 101+76		622	60	4146.7	406.4	1.2	174	2.1	4147		2799	62
101+76 TO 104+97		321	51-60	1979.5	194.0	0.6	83	1.0	1980		1336	46
104+97 TO 110+90		593	51	3360.3	329.3	1.0	141	1.7	3360		2268	102
72+00 RT	RIVER RD	VAR	VAR	1085	106.3	0.3	46	0.5	1085	180	732	20
96+80 LT	SOUTH TEC	VAR	VAR	955.6	93.6	0.3	40	0.5	956	180	645	8
TOTALS					7591	23	3253	39	77462	1860	52287	991

STATION EQUATION
LM 1.21 = STA. 37+82.9 (SOUTH)

US 45/52 & IL 50 STATION EQUATION
149+53.51 NORTH = 37+82.9 SOUTH
BOTH SETS OF STATIONING INCREASE TO SOUTH

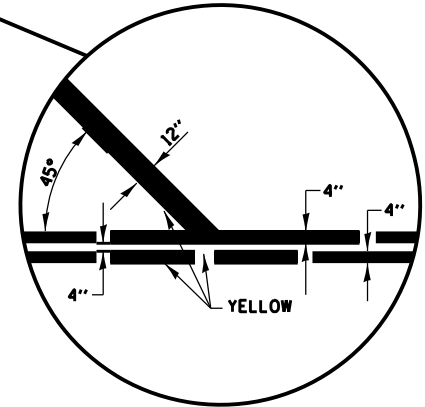
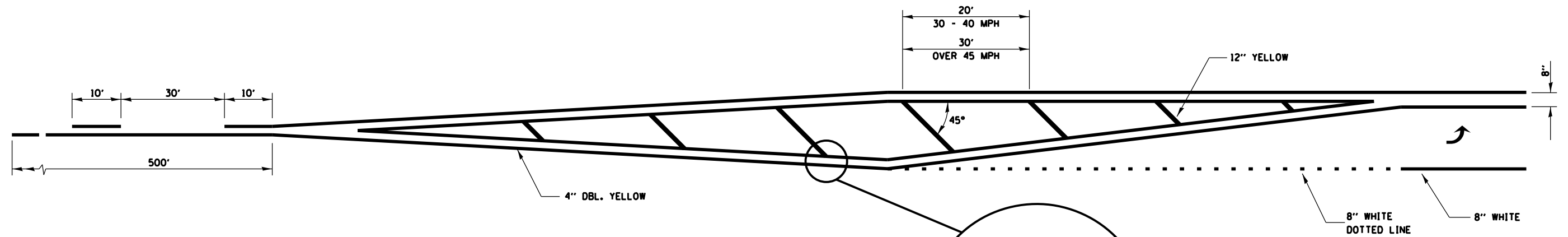
SIDEROAD & ENTRANCE SCHEDULE											
LM	O/S	TYPE	DESCRIPTION	LENGTH FT	WIDTH (EOP) FT	WIDTH (END) FT	AREA SQ YD	INC HMA SURF TON	HMA SURF REM VAR DEPTH SO YD	TEMP RAMP SO YD	BIT MAT (PR CT) POUND
0.09	LT	SR	MERCHANT	15	56	27	69.2	9	69	23	5
0.26	RT	SR	HICKORY	20	54	30	93.3	12	93	25	7
0.26	LT	SR	HICKORY	22	50	30	97.8	12	98	25	7
0.35	RT	SR	BOURBONNAIS	16	52	30	72.9	9	73	25	5
0.70	LT	PE	KJ COUNTY ENT	10	29	29	32.2	4	32	24	2
0.72	LT	SR	WATER	27	70	28	147.0	19	147	23	11
0.81	LT	SR	CHARLES	17	34	28	58.6	7	59	23	4
0.90	RT	SR	HARKINS	25	33	36	123.6	16	124	30	9
0.90	LT	SR	HARKINS	20	50	36	95.6	12	96	30	7
0.99	LT	SR	VANMETER	16	37	28	57.8	7	58	23	4
1.06	LT	SR	WALNUT	17	40	28	64.2	8	64	23	5
STA.											
40+00	LT	PE	SHAPIRO'S	30	72	28	166.7	21	167	23	13
40+88	RT	CE	HICKS GAS	7	175	175	136.1	17	136	146	10
41+75	RT	CE	COU. FRU. MKT	10	179	179	198.9	25	199	149	15
44+00	RT	CE	COU. FRU. MKT	20	45	30	83.3	11	83	25	6
44+40	RT	CE	COU. FRU. MKT	7	33	33	25.7	3	26	28	2
45+76	RT	CE	ACE HARDWARE	10	239	239	265.6	33	266	199	20
47+58	RT	CE		7	125	125	97.2	12	97	104	7
48+84	RT	CE	ANGIE'S BAR	10	127	127	141.1	18	141	106	11
51+00	RT	PE		3	25	25	8.3	1	8	21	1
51+10	RT	CE	SPINNER'S TAP	7	141	141	109.7	14	110	118	8
52+00	RT	CE	SPINNER'S TAP	18	35	35	70.0	9	70	29	5
52+50	RT	MBT	MAIL BOX TURN OUT	7	31	31	24.1	3	24	26	2
52+70	RT	CE	SPINNER'S TAP	18	37	37	74.0	9	74	31	6
53+10	RT	CE		7	39	39	30.3	4	30	33	2
53+50	RT	CE	CHURCH	18	42	25	67.0	8	67	21	5
54+80	RT	CE	CHURCH	18	38	20	58.0	7	58	17	4
55+47	RT	CE	MOBILE HOME	20	46	24	77.8	10	78	20	6
57+17	RT	CE	MOBILE HOME	16	90	54	128.0	16	128	45	10
59+85	RT	CE	KJ ANIMAL HOSPITAL	17	54	24	73.7	9	74	20	6
61+45	RT	CE	MOBILE HOME	23	63	22	108.6	14	109	18	8
62+25	RT	CE	KJ AUTOMART	12	125	125	166.7	21	167	104	13
64+00	RT	CE	ECONOMY INN	12	135	135	180.0	23	180	113	14
66+46	RT	CE	ECONOMY INN	12	42	23	43.3	5	43	19	3
66+60	RT	CE		7	30	30	23.3	3	23	25	2
67+30	RT	PE	VARIOUS PE & MBT	9	320	320	320.0	40	320	267	24
67+45	RT	PE		2	15	15	3.3	0	3	13	0
68+04	RT	PE		2	24	24	5.3	1	5	20	0
82+80	LT	MBT	MAIL BOX TURNOUT	10	63	63	70.0	9	70	53	5
98+00	RT	CE		10	46	46	51.1	6	51	38	4
99+50	RT	CE		10	46	46	51.1	6	51	38	4
99+80	LT	MBT	MAILBOX TURNOUT	8	65	65	57.8	7	58	54	4
99+80	LT	PE		4	16	16	7.1	1	7	13	1
101+30	RT	CE		10	63	26	48.9	6	49	21	4
103+20	LT	SR	2500 S. RD	30	62	20	136.7	17	137	17	10
108+50	RT	CE	ALDI'S	15	125	125	208.3	26	208	104	16
108+50	LT	CE	JJ RUFFLES	12	80	47	84.7	11	85	39	6
TOTALS					80	47	84.7	551	4371	2415	328

STATION EQUATION
LM 1.21 = STA. 37+82.9 (SOUTH)

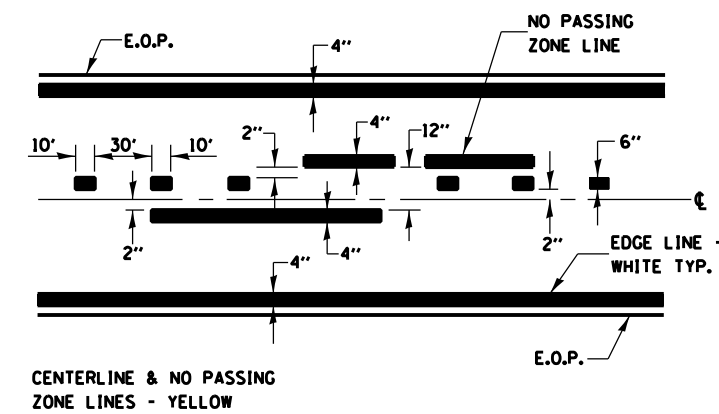
US 45/52 & IL 50 STATION EQUATION
149+53.51 NORTH = 37+82.9 SOUTH
BOTH SETS OF STATIONING INCREASE TO SOUTH

FILE NAME =	USER NAME = mcFaddenka	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SCHEDULES	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
c:\pw\work\p1\dot\mcFaddenka\0248400\	366A24-sh1-schedule.dgn	DRAWN -	REVISED -			840	(139, 139ZRS-5	KANKAKEE	14	9
Default	PLOT SCALE = 150.0000' / in.	CHECKED -	REVISED -			CONTRACT NO. 66A24				
	PLOT DATE = 6/13/2014	DATE -	REVISED -			SCALE:	SHEET	OF	SHEETS	STA.

SIDEWALK SCHEDULE														
LOCATION	PCC SIDEWALK 4"	DETECTABLE WARNINGS 5' X 2'	CONCRETE CURB & GUTTER	SIDEWALK REMOVAL	CONCRETE CURB & GUTTER REMOVAL	ADJUST FRAME & GRATE	ISLAND PAVT	ISLAND PAVT REMOVAL	SOD SALT TOLERANT	FURNISHED EXCAVATION	NITROGEN FERTILIZER NUTRIENTS	PHOSPHORUS FERTILIZER NUTRIENTS	POTASSIUM FERTILIZER NUTRIENTS	SUPPLEMENTAL WATERING
	SO FT	SO FT	FT	SO FT	FT	EACH	SO YD	SO YD	SO YD	CU YD	LB	LB	LB	UNITS
US 45/52 & COURT ST														
NW QUAD	66	20		66										
US 45/52 & W MERCHANT ST														
NW QUAD	102	20	20	102	20				5.6	0.6	0.1	0.1	0.1	0.3
NE QUAD	75	20	24	75	24				6.5	0.7	0.1	0.1	0.1	0.3
SE QUAD	171	20	25	171	25	1			5.4	0.6	0.1	0.1	0.1	0.3
SW QUAD	70	20	16	70	16				6.2	0.7	0.1	0.1	0.1	0.3
US 45/52 & W STATION ST														
NW QUAD	149	30	23	149	23	1								
NE QUAD	143	30	25	143	25	1								
SE QUAD	143	20	25	143	25	1								
SW QUAD	109	20	16	109	16									
US 45/52 & HICKORY ST														
NW QUAD	127	20	32	127	32	1			10.5	1.2	0.1	0.1	0.1	0.5
NE QUAD	115	20	29	115	29	1			10.1	1.1	0.1	0.1	0.1	0.5
SE QUAD	117	20	32	117	32	1			8.7	1	0.1	0.1	0.1	0.4
SW QUAD	324	20	30	324	30									
US 45/52 & BOURBONNAIS ST														
NW QUAD	334	20	35	334	35	1								
NE QUAD	76	20	8	76	8				4.9	0.5	0.1	0.1	0.1	0.2
SE QUAD	42	10	0	42	0									
SW QUAD	189	20	25	189	25									
US 45/52 & IL 115 & WATER ST														
NW QUAD	124	20	23	124	23				1.7	0.2	0.1	0.1	0.1	0.1
NE QUAD	78	20	19	78	19									
SE QUAD	162	20	25	162	25	1								
US 45/52 & COUNTY HWY BLDG														
NW QUAD	60	10	17	60	17				3	0.3	0.1	0.1	0.1	0.2
US 45/52 & E WATER ST														
NE QUAD	98	20	31	98	31				8.7	1	0.1	0.1	0.1	0.4
SE QUAD	40	10	8	40	8				3.6	0.4	0.1	0.1	0.1	0.2
US 45/52 & E CHARLES ST														
NE QUAD	33	10	8	33	8				2.9	0.3	0.1	0.1	0.1	0.1
SE QUAD	31	10	8	31	8				2.4	0.1	0.1	0.1	0.1	0.1
US 45/52 & E HAWKINS														
NW QUAD	136	10	24	136	24				3.8	0.4	0.1	0.1	0.1	0.2
NE QUAD	245	20	25	245	25	1			17.3	1.9	0.2	0.2	0.2	0.9
SE QUAD	80	20	14	80	14				17.3	1.9	0.2	0.2	0.2	0.9
SW QUAD	136	10	24	136	24				3.8	0.4	0.1	0.1	0.1	0.2
US 45/52 & E VANMETER														
NE QUAD	39	10	8	39	8				2.9	0.3	0.1	0.1	0.1	0.1
SE QUAD	33	10	8	33	8				3.6	0.4	0.1	0.1	0.1	0.2
US 45/52 & E WALNUT ST														
NE QUAD	18	10	7	18	7				2.2	0.2	0.1	0.1	0.1	0.1
US 45/52 & E JEFFERY ST														
NW QUAD	52	10	8	52	8				2.9	0.3	0.1	0.1	0.1	0.1
ISLAND		30	24	0	24		9	9						
NE QUAD	77	10	8	77	8				4.2	0.5	0.1	0.1	0.1	0.2
TOTALS	3794	610	654	3794	654	10	9	9	138	15	2.5	2.5	2.5	6.9

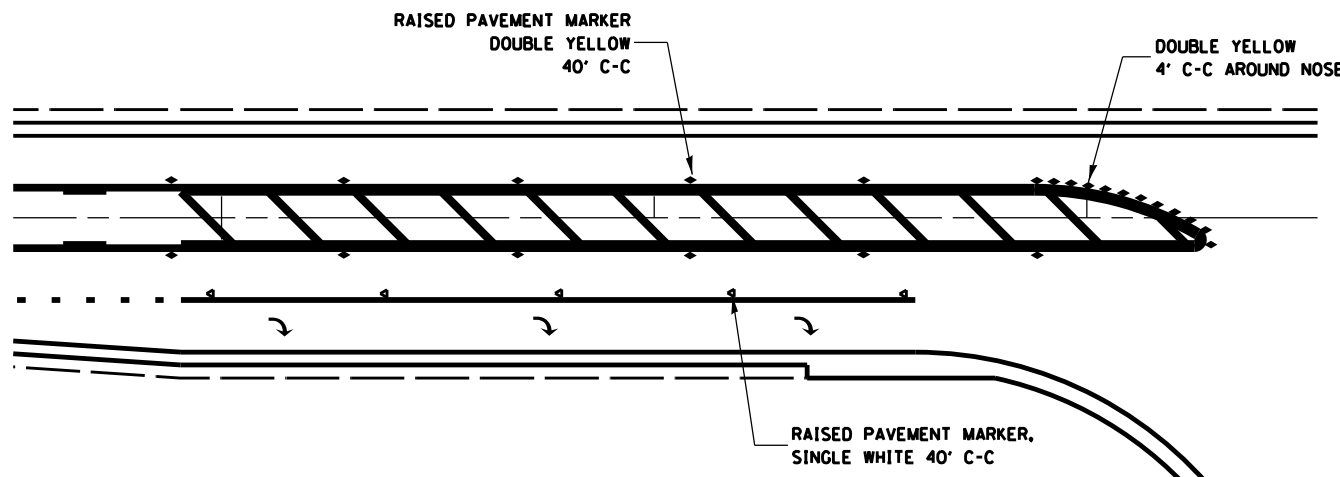


**TYPICAL APPLICATION
MEDIAN AND LEFT TURN LANE**

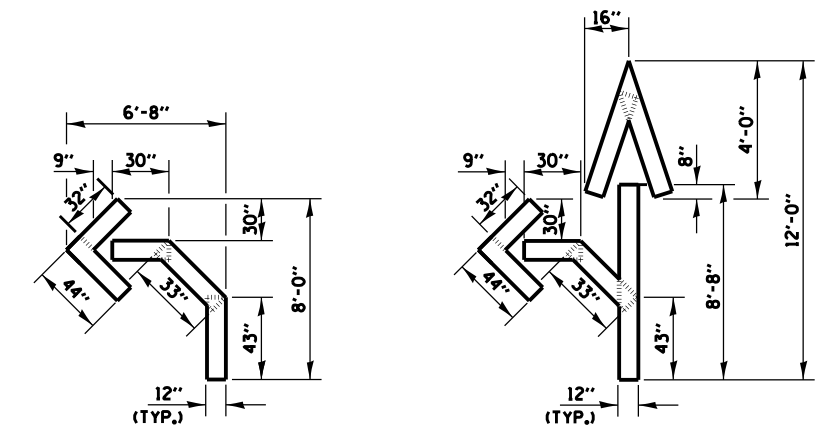


PAVEMENT MARKING

CENTERLINE & NO PASSING ZONE LINES - YELLOW

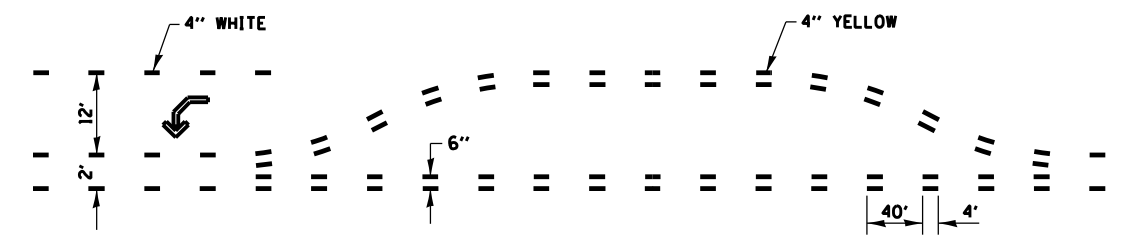


**RAISED REFLECTIVE PAVEMENT MARKERS
MEDIAN AND RIGHT TURN LANE**



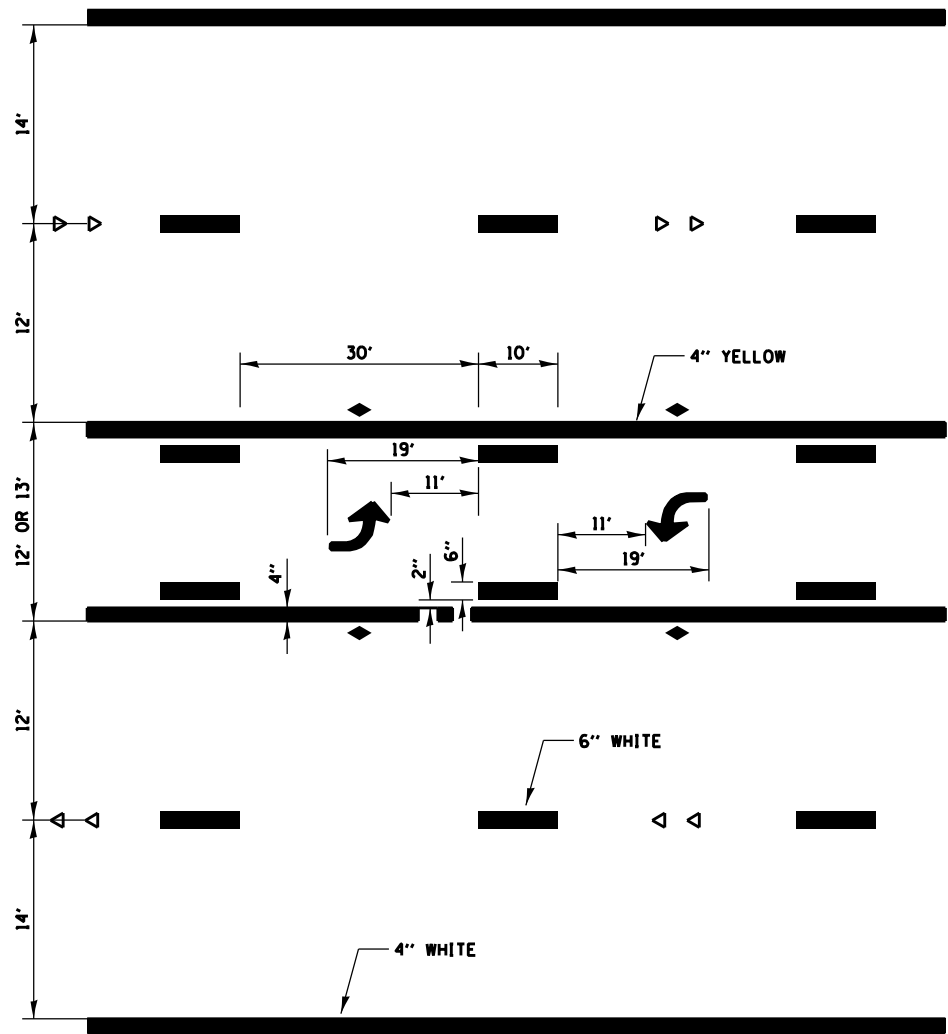
QUANTITY
12" LINE = 16 LIN. FT.
OR 4" LINE = 48 LIN. FT.

QUANTITY
12" LINE = 29 LIN. FT.
OR 4" LINE = 87 LIN. FT.

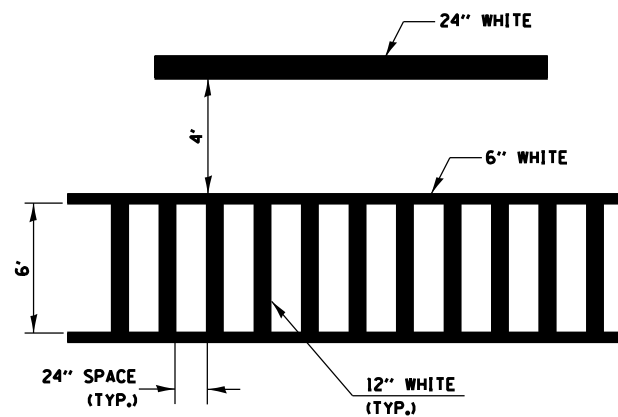


**SHORT-TERM PAVEMENT MARKING
FOR MEDIANS AND ARROWS**

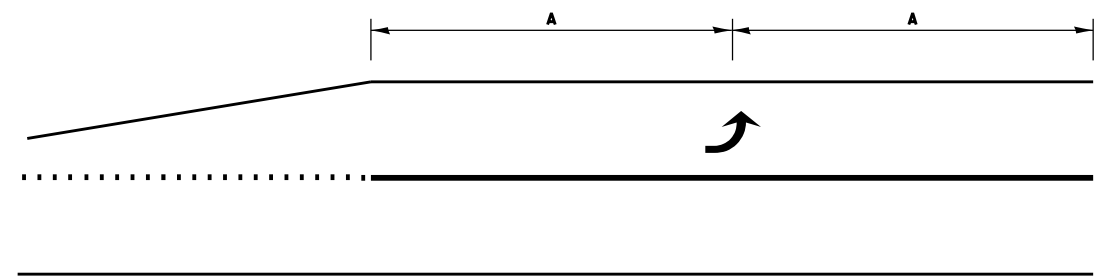
FILE NAME =	USER NAME = mcfaddenka	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DETAILS			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.		
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	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -											
	PLOT DATE = 6/13/2014	DATE -	REVISED -											
ILLINOIS FED. AID PROJECT												CONTRACT NO. 66A24		



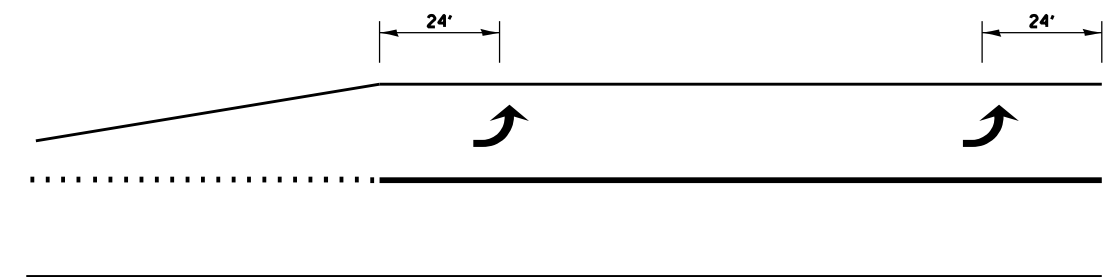
**TYPICAL APPLICATION
TWO WAY LEFT TURN LANE (TWLTL)**



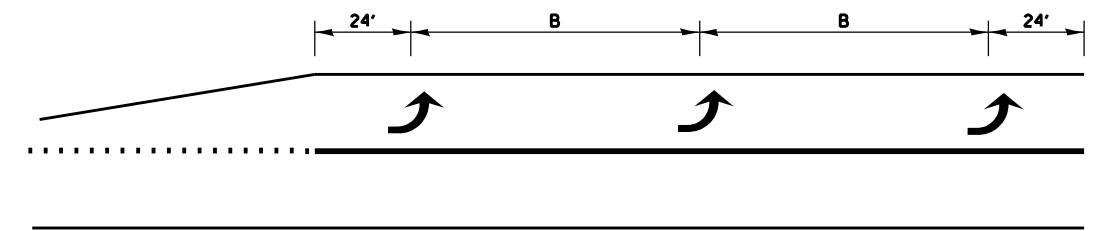
**TYPICAL SPACING DETAIL FOR
CROSSWALKS AND STOP BARS**



99' AND UNDER



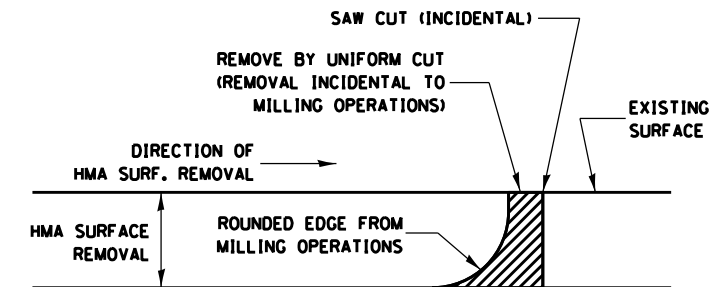
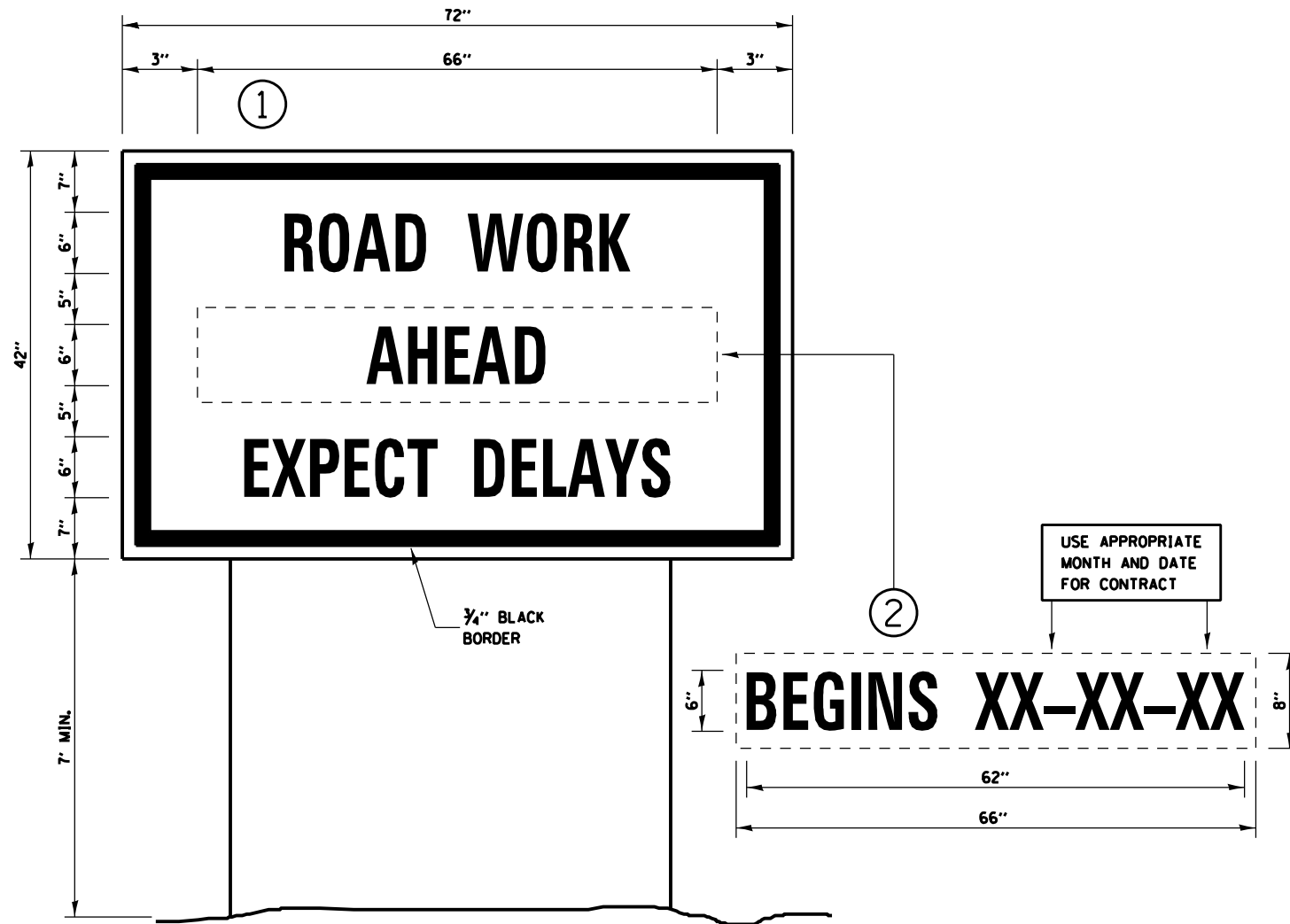
100' TO 149'



150' AND LONGER

**TYPICAL PLACEMENT OF ARROWS
IN TURN LANES**

FILE NAME =	USER NAME = mcfaddenka	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DETAILS			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
es:\pw\work\pwt\dot\mcfaddenka\0248400\366A24-shr-details.DGN	PLOT SCALE = 100.0000' / in.	DRAWN -	REVISED -					840	1139.1392/RS-5	KANKAKEE	14	13
PLOT DATE = 6/13/2014	DATE -	CHECKED -	REVISED -		SCALE: SHEET NO. OF SHEETS STA. TO STA.			CONTRACT NO. 66A24				
					ILLINOIS FED. AID PROJECT							



NOTE:
 WHEN MILLING OPERATIONS PRODUCE A ROUNDED EDGE,
 THEN A SAW CUT SHALL BE USED TO MANUFACTURE
 A PERPENDICULAR EDGE AS SHOWN IN THE DETAIL.
 THE ENGINEER SHALL BE THE SOLE JUDGE
 CONCERNING THE USE OF THIS DETAIL

HMA DETAIL AT BUTT JOINTS

TEMPORARY INFORMATION SIGNING

NOTES:

1. USE 6" D BLACK LETTERING ON FLOURESENT ORANGE BACKGROUND.
2. ERECT SIGNS AT LOCATIONS IN ADVANCE OF THE "ROAD CONSTRUCTION AHEAD" SIGNS AS DIRECTED BY THE ENGINEER.
3. ERECT SIGN ① WITH INSTALLED PANEL ② A MINIMUM OF ONE WEEK PRIOR TO THE START OF THE LANE CLOSURE.
4. REMOVE PANEL ② ON THAT DATE.
5. SEE SPECIAL PROVISION "TEMPORARY INFORMATION SIGNING" FOR ADDITIONAL INFORMATION.
6. WILL BE PAID FOR PER SO FT AS "TEMPORARY INFORMATION SIGNING". EACH SIGN = 21 SO FT AND THE DATE PANEL ② WILL NOT BE MEASURED SEPARATELY FOR PAYMENT.

FILE NAME =	USER NAME = mcfaddenka	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DETAILS			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
ca:\pw\work\p1dot\mcfaddenka\0248400\366A24-sh1-deta1.s.DGN		DRAWN -	REVISED -		840	1139.1392/RS-5	KANKAKEE	14	14			
PLOT SCALE = 100.0000' / 1"		CHECKED -	REVISED -		CONTRACT NO. 66A24							
PLOT DATE = 6/13/2014		DATE -	REVISED -		ILLINOIS FED. AID PROJECT							
				SCALE:	SHEET NO.	OF	SHEETS	STA.	TO STA.			