6-13-08 Letting, Item 198

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
324	(25,26)RS-3	DEKALB	24	1
FED. ROAD DIST. NO.	ILLINOIS	CONTRACT NO. 66676		

D-93-049-06

INDEX OF SHEETS

STANDARDS

000001-05	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
001006	DECIMAL OF AN INCH AND OF A FOOT
406201-01	MAILBOX TURNOUT
701001-01	OFF-ROAD OPERATIONS 2L, 2W, MORE THAN 4.5 m (15') AWAY
701301-02	LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
701306-01	LANE CLOSURE, 2L, 2W, SLOW MOVING OPERATIONS DAY ONLY, FOR SPEEDS ≥ 45 MPH
701311-02	LANE CLOSURE, 2L, 2W, MOVING OPERATIONS - DAY ONLY
701501-04	URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED
~~701701-04~~	~~URBAN LANE CLOSURE, MULTILANE INTERSECTION~~
701901	TRAFFIC CONTROL DEVICES
781001-02	TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS
886001	DETECTOR LOOP INSTALLATIONS
886006	TYPICAL LAYOUT FOR DETECTION LOOPS

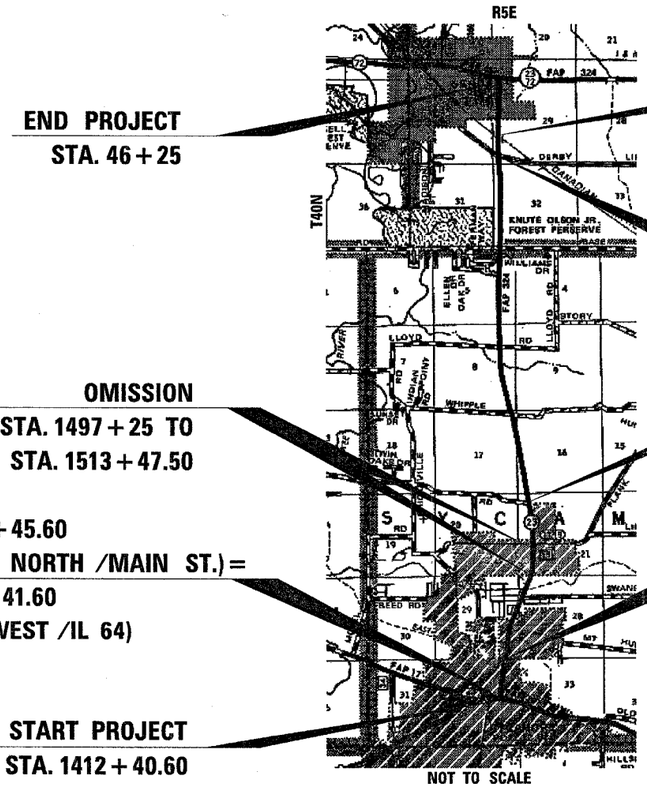
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

PROPOSED HIGHWAY PLANS

FAP ROUTE 324 (IL 23)
SECTION (25,26) RS-3
PROJECT ACF-0324(017)
DEKALB COUNTY

C - 93 - 085 - 06

3P RESURFACING FROM IL 72 IN GENOA TO IL 64 IN SYCAMORE



END PROJECT
STA. 46+25

BRIDGE OMISSION
STA. 11+36.45 TO
STA. 13+55.48

STATION EQUATION
STA. 323+39.15 BK. =
STA. 0+00 AHD.

OMISSION
STA. 1497+25 TO
STA. 1513+47.50

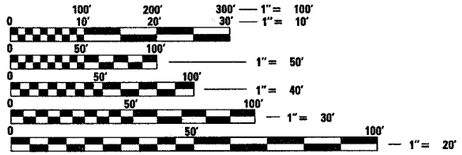
STATION EQUATION
STA. 1542+42.79 BK. =
STA. 104+60 AHD.

STA. 1413+45.60
(IL 23 NORTH /MAIN ST.) =
STA. 724+41.60
(IL23 WEST /IL 64)

BRIDGE OMISSION
S.N. 019-0043
STA. 1437+20.45 TO
STA. 1438+99.13

START PROJECT
STA. 1412+40.60

GROSS LENGTH = 39,506.34 FT. = 7.482 MI.
NET LENGTH = 37,486.13 FT. = 7.010 MI.



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 : DAVE BROVIAK
UNIT CHIEF : MARK JONES

CONTRACT NO. 66676

LOCATION OF SECTION INDICATED THUS: –

FUNCTION CLASSIFICATION
OTHER PRINCIPLE ARTERIAL
2008 ADT = 12,400 (IL 64 TO SWANSON ROAD)
P.V. = 91.6% S.U. = 5.7% M.U. = 2.7%
2008 ADT = 9,100 (SWANSON ROAD TO IL 72)
P.V. = 89.6% S.U. = 6.7% M.U. = 3.7%

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

SUBMITTED _____ 20 _____

Henry Rybasa
DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER

May 9, 2008
Eric E. Harm /BD
Interim ENGINEER OF DESIGN AND ENVIRONMENT

May 9, 2008
Christine M. Reed /BD
DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

PRINTED BY THE AUTHORITY OF THE STATE OF ILLINOIS

GENERAL NOTES
(Revised April 2, 2008)

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 BE REQUIRED TO SAW CUT THE HMA SURFACE TO CONFORM TO THE SHAPES AND DIMENSIONS SHOWN ON THE PLAN DETAILS. THIS WORK SHALL BE INCLUDED IN THE COST OF THE HMA SURFACE.

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

SEEDING SHALL 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.

ON EXISTING PAVEMENT WHICH MAY BE SUPERELEVATED, THE NEW HMA PAVEMENT SHALL BE BUILT WITH THE SAME SUPERELEVATION UNLESS NEW SUPERELEVATION RATES ARE GIVEN ON THE PLANS.

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
BITUMINOUS MAT PRIME COAT	0.08 0.375	GAL / SQ YD OR GAL / SQ YD
AGGREGATE PRIME COAT	0.002	TONS / SQ 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
TEMPORARY DITCH CHECKS	5	TONS AGGREGATE

THE CONTRACTOR'S ATTENTION IS DIRECTED TO THE PRESENCE OF DEPARTMENT-OWNED UNDERGROUND ELECTRICAL CABLE WITHIN THE LIMITS OF THE PROPOSED IMPROVEMENT. THE CONTRACTOR SHALL REQUEST THE ILLINOIS DEPARTMENT OF TRANSPORTATION IN OTTAWA (815-434-8417) TO LOCATE THE UNDERGROUND FACILITIES, PROVIDING A MINIMUM OF 72 HOURS NOTICE. THE DEPARTMENT IS NOT A MEMBER OF THE JOINT UTILITY LOCATING INFORMATION FOR EXCAVATORS (JULIE) SYSTEM.

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DISTRICT THREE

PREPARED BY: _____
DISTRICT STUDIES & PLANS ENGINEER

DATE: 4.10.08

EXAMINED BY: _____
DISTRICT CONSTRUCTION ENGINEER

_____
DISTRICT MATERIALS ENGINEER

_____
DISTRICT OPERATIONS ENGINEER

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	PLOT DATE = Apr 10, 2008 - 10:10:24 AM	DATE -	REVISED -		SCALE:	SHEET NO. OF SHEETS	STA.	TO STA.	

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
324	(25,26)RS-3	DEKALB		2
		CONTRACT NO. 66676		
FED. ROAD DIST. NO. 4	ILLINOIS	FED. AID PROJECT		

SUMMARY OF QUANTITIES

80% FED 20% STATE

CODE NO.	ITEM	UNIT	TOTAL	CONSTRUCTION CODE: I000 URBAN BEGINNING OF PROJECT TO WHIPPLE ROAD	I000 RURAL WHIPPLE ROAD TO END OF PROJECT	SFTY-2A URBAN SN 019-2017
20400800	FURNISHED EXCAVATION	CU YD	55	32	23	
40200800	AGGREGATE SURFACE COURSE, TYPE B	TON	94	12	82	
40600100	BITUMINOUS MATERIALS (PRIME COAT)	GALLON	11,277	5251	6016	10
40600300	AGGREGATE (PRIME COAT)	TON	276	128	148	
40600400	MIXTURE FOR CRACKS, JOINTS, AND FLANGEWAYS	TON	39	18	21	
40600535	LEVELING BINDER (HAND METHOD), N70	TON	65	30	35	
40600635	LEVELING BINDER (MACHINE METHOD), N70	TON	5037	2080	2952	5
40600895	CONSTRUCTING TEST STRIP	EACH	1	1		
40600990	TEMPORARY RAMP	SQ YD	972	583	389	
40603340	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70	TON	11,105	5191	5904	10
40800050	INCIDENTAL HOT-MIX ASPHALT SURFACING	TON	867	339	528	
44000155	HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2"	SQ YD	119,179	46,942	72,117	120
44000158	HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/4"	SQ YD	20927	17940	2987	
44000196	HOT-MIX ASPHALT SURFACE REMOVAL, SPECIAL	SQ YD	760	760		
44000198	HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH	SQ YD	100		100	
44300400	STRIP REFLECTIVE CRACK CONTROL TREATMENT, SYSTEM A	FOOT	7545	7545		
48102100	AGGREGATE WEDGE SHOULDERS, TYPE B	TON	1189	386	803	
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	3	3		
67100100	MOBILIZATION	L SUM	1	1		
70100460	TRAFFIC CONTROL AND PROTECTION, STANDARD 701306	L SUM	1	1		
70102620	TRAFFIC CONTROL AND PROTECTION, STANDARD 701501	L SUM	1	1		
70300100	SHORT-TERM PAVEMENT MARKING	FOOT	12,266	5997	6269	
70300210	TEMPORARY PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	451	451		
70300220	TEMPORARY PAVEMENT MARKING - LINE 4"	FOOT	69,392	36,176	33,216	
70300240	TEMPORARY PAVEMENT MARKING - LINE 6"	FOOT	10,075	4894	5181	

SUMMARY OF QUANTITIES

80% FED 20% STATE

	CODE NO.	ITEM	UNIT	TOTAL	CONSTRUCTION CODE: I000 URBAN BEGINNING OF PROJECT TO WHIPPLE ROAD	I000 RURAL WHIPPLE ROAD TO END OF PROJECT	SFTY-2A URBAN SN 019-2017
	70300250	TEMPORARY PAVEMENT MARKING - LINE 8"	FOOT	3251	3081	170	
	70300260	TEMPORARY PAVEMENT MARKING - LINE 12"	FOOT	2013	2013		
	70300280	TEMPORARY PAVEMENT MARKING - LINE 24"	FOOT	333	333		
	70301000	WORK ZONE PAVEMENT MARKING REMOVAL	SQ FT	1397	700	697	
•	78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	451	451		
•	78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	91,779	36,176	55,603	
•	78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	10,075	4894	5181	
•	78000500	THERMOPLASTIC PAVEMENT MARKING - LINE 8"	FOOT	3251	3081	170	
•	78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	2013	2013		
•	78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	333	333		
•	78100100	RAISED REFLECTIVE PAVEMENT MARKERS	EACH	647	387	260	
	78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	647	387	260	
	88500100	INDUCTIVE LOOP DETECTOR	EACH	24	24		
	88600100	DETECTOR LOOP, TYPE I	FOOT	3065	3065		
	XX007274	LEVELING BINDER (MACHINE METHOD), SPECIAL	TON	85	85		
	X8860100	LOOP DETECTOR TESTING	EACH	3	3		

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DESIGNED	-	REVISED -
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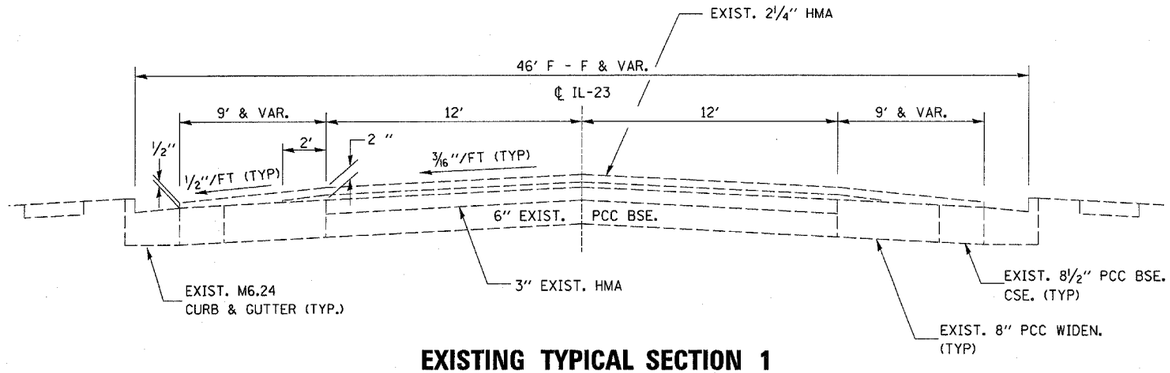
CHECKED	-	REVISED -
DATE	-	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: | SHEET NO. OF SHEETS | STA. | TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
324	(25,26)RS-3	DEKALB	24	3
		CONTRACT NO. 66676		
FED. ROAD DIST. NO. 4	ILLINOIS	FED. AID PROJECT		



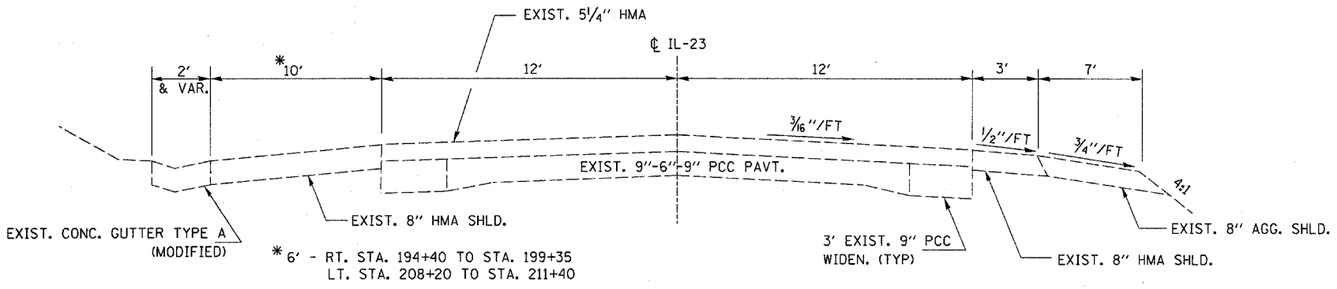
EXISTING TYPICAL SECTION 1

IL 23

(IL 64-STATE STREET TO KISHWAUKEE RIVER BRIDGE)

STA. 1412+40.60 TO STA. 1437+20.45

BRIDGE OMISSION (SN 019-0043) - STA. 1437+20.45 TO STA. 1438+99.13



EXISTING CONCRETE GUTTER,
TYPE A, MODIFIED

LT. STA. 172+00 TO STA. 174+15
RT. STA. 194+40 TO STA. 199+35
LT. STA. 208+20 TO STA. 211+40
LT. STA. 224+40 TO STA. 230+20
LT. STA. 281+80 TO STA. 288+40

EXISTING TYPICAL SECTION 3

IL 23

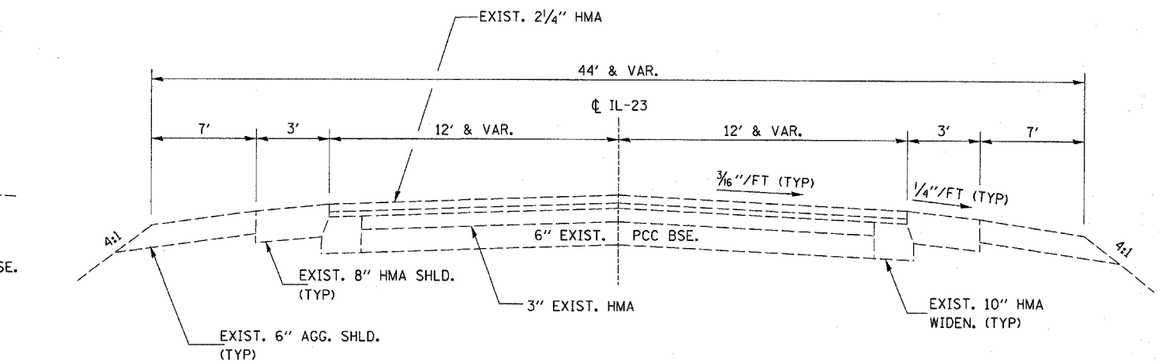
STA. 105+00 TO STA. 323+39.15

STATION EQUATION - STA. 323+39.15 BK = STA. 0+00 AHD

STA. 0+00 TO STA. 11+36.45

BRIDGE OMISSION STA. 11+36.45 TO STA. 13+55.48

STA. 13+55.48 TO STA. 39+00



EXISTING TYPICAL SECTION 2

IL 23

KISHWAUKEE RIVER BRIDGE TO NORTH GROVE RD.

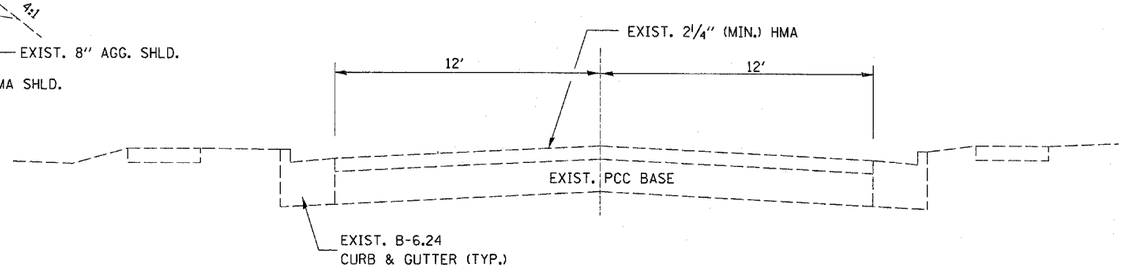
STA. 1438+99.13 TO STA. 1497+25

OMISSION STA. 1497+25 TO STA. 1513+47.50

STA. 1513+47.50 TO 1542+42.79

STATION EQUATION - STA. 1542+42.79 BK = STA. 104+60 AHD

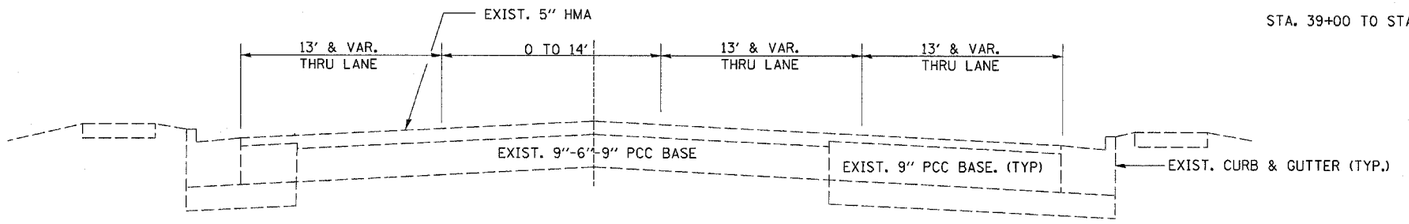
STA. 104+60 TO STA. 105+00



EXISTING TYPICAL SECTION 4

IL 23

STA. 39+00 TO STA. 43+05



EXISTING TYPICAL SECTION 5

IL 23

STA. 43+05 TO STA. 46+25

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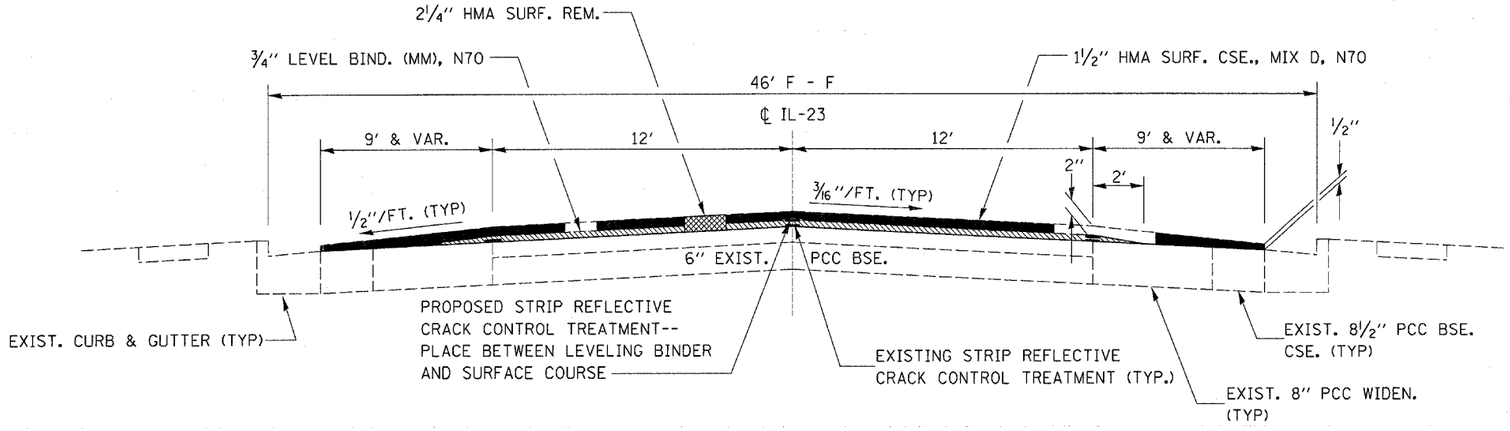
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING TYPICAL SECTIONS

SCALE: | SHEET NO. OF SHEETS | STA. TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
324	(25,26)RS-3	DEKALB	24	4
		CONTRACT NO. 66676		
FED. ROAD DIST. NO. 4	ILLINOIS	FED. AID PROJECT		



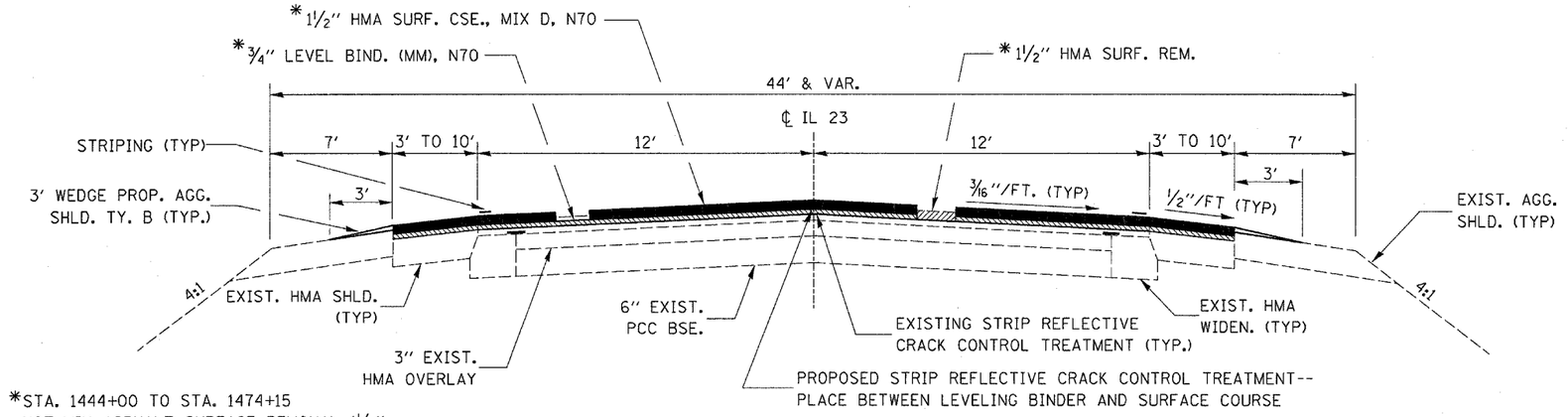
PROPOSED TYPICAL SECTION 6

IL 23

(IL 64-STATE STREET TO KISHWAUKEE RIVER BRIDGE)

STA. 1412+40.60 TO STA. 1437+20.45

BRIDGE OMISSION (SN 019-0043) - STA. 1437+20.45 TO STA. 1438+99.13



*STA. 1444+00 TO STA. 1474+15
HOT-MIX ASPHALT SURFACE REMOVAL 1½"
AND 1½" HOT-MIX ASPHALT SURFACE COURSE, MIX D, N70
12' DRIVING LANES ONLY - NB & SB

PROPOSED TYPICAL SECTION 7

IL 23

KISHWAUKEE RIVER BRIDGE TO NORTH GROVE RD.

STA. 1438+99.13 TO STA. 1497+25

OMISSION STA. 1497+25 TO STA. 1513+47.50

STA. 1513+47.50 TO 1542+42.79

STATION EQUATION - STA. 1542+42.79 BK = STA. 104+60 AHD

STA. 104+60 TO STA. 105+00

MIX	PG GRADE	MAXIMUM % RAP ALLOWABLE *	DESIGN AIR VOIDS	MIXTURE COMPOSITION	FRICTION AGGREGATE	PLANT CONTROL LIMITS	DENSITY CONTROL METHOD
SUPERPAVE LEVEL BINDER	PG64-22	15%	4.0% @ N70	IL 9.5		CLASS I	SATISFACTION OF THE ENG.
SUPERPAVE SURFACE	PG64-22	10%	4.0% @ N70	IL 12.5 OR IL 9.5	MIXTURE D	CLASS I	CORRELATION

* IF RAP OPTION IS SELECTED, THE ASPHALT CEMENT GRADE MAY NEED TO BE ADJUSTED. THIS WILL BE DETERMINED BY THE ENGINEER.

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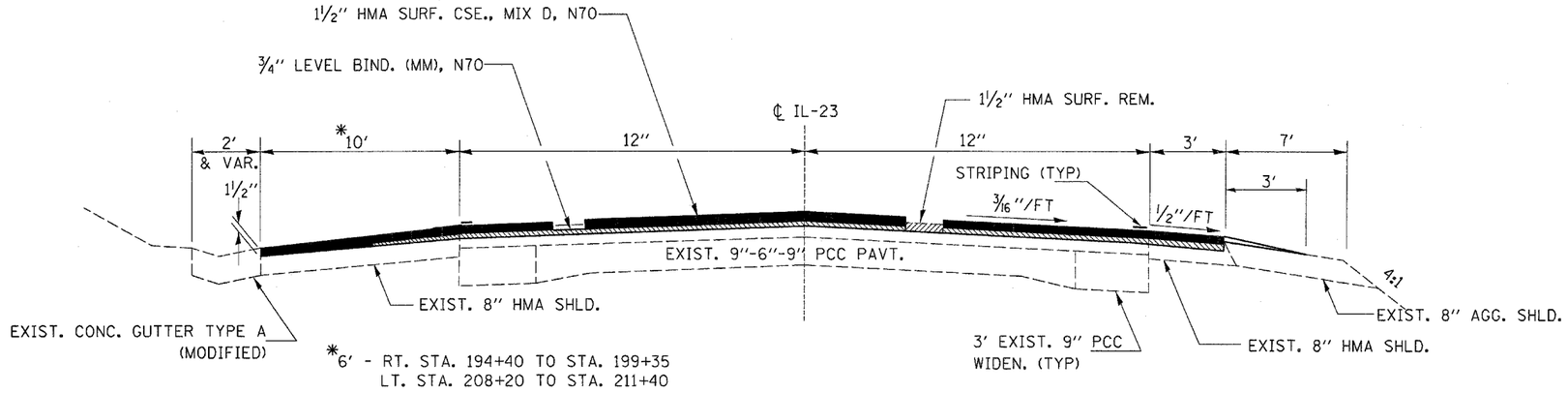
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROPOSED TYPICAL SECTIONS

SCALE: | SHEET NO. OF SHEETS | STA. TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
324	(25,26)RS-3	DEKALB	24	5
		CONTRACT NO. 66676		
FED. ROAD DIST. NO. 4	ILLINOIS	FED. AID PROJECT		



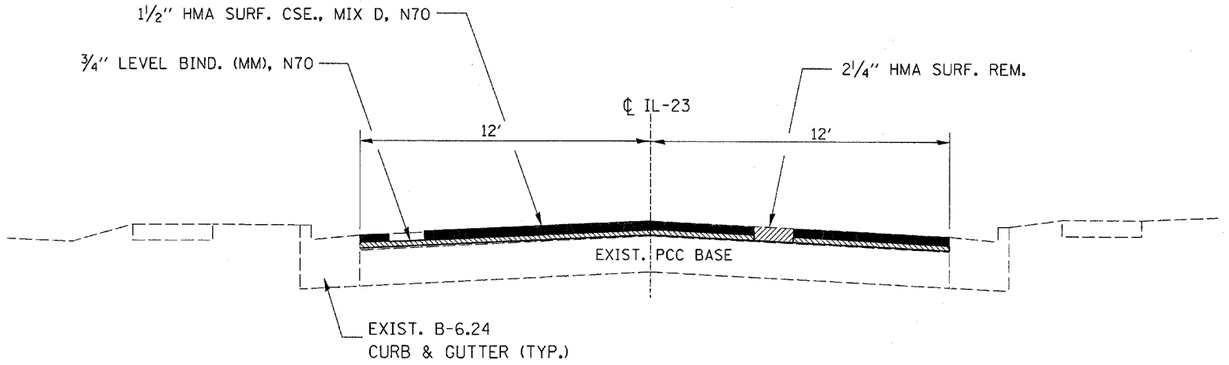
EXISTING CONCRETE GUTTER, TYPE A, MODIFIED

LT. STA. 172+00 TO STA. 174+15
RT. STA. 194+40 TO STA. 199+35
LT. STA. 208+20 TO STA. 211+40
LT. STA. 224+40 TO STA. 230+20
LT. STA. 281+80 TO STA. 288+40

PROPOSED TYPICAL SECTION 8

IL 23

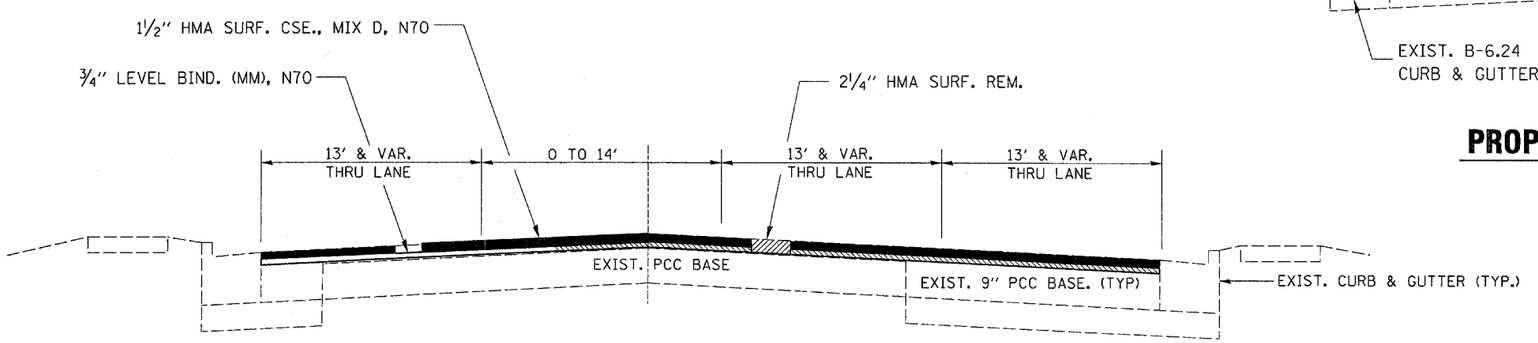
STA. 105+00 TO STA. 323+39.15
STATION EQUATION - STA. 323+39.15 BK = STA. 0+00 AHD
STA. 0+00 TO STA. 11+36.45
BRIDGE OMISSION STA. 11+36.45 TO STA, 13+55.48
STA. 13+55.48 TO STA. 39+00



PROPOSED TYPICAL SECTION 9

IL 23

STA. 39+00 TO STA. 43+05



PROPOSED TYPICAL SECTION 10

IL 23

STA. 43+05 TO STA. 46+25

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		DRAWN -	REVISED -						324	(25,26)RS-3	DEKALB	24	6
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MAINLINE PAVING SCHEDULE

STA. TO STA.	LENGTH	WIDTH	AREA	HMA SURF REM 2 1/4"	HMA SURF REM 1 1/2"	HMA SURF REM VAR DEPTH	HMA SURF CSE MIX D N70	LEV BIND (MM) N70	BIT MAT PRIME COAT	AGG. PRIME COAT	MIX JTS CRACKS. & FLANGEWAYS	LEV BIND (HM), N70	AGG WEDGE SHLD B	TEMP RAMP
	FT	FT	SQ YD	SQ YD	SQ YD	SQ YD	TON	TON	GALLON	TON	TON	TON	TON	SQ YD
URBAN														
1412+40.60 - 1414+25	184.4	32 - 42	747.8	747.8			62.82	31.41	59.83	1.50	0.22	0.37		26.7
723+91 - 724+23 IL 64	32	72.7 & VAR	334.4	334.4			28.09	14.05	26.75	0.67	0.10	0.17		60.8
724+62 - 726+65 IL 64	203	66 & VAR.	1560.8	1560.8			131.11	65.55	124.86	3.12	0.47	0.78		53.3
1414+25 - 1437+20.45	2295.45	40 - 42	10309.6	10309.6			866.00	433.00	824.76	20.62	3.09	5.15		34.2
1437+20.45 - 1438+99.13	BRIDGE OMISSION													
1438+99.13 - 1441+13	213.87	30 & VAR	952.7		952.7		80.02	40.01	76.21	1.91	0.29	0.48	9.1	15
1441+13 - 1444+00	287	30	956.7		956.7		80.36	40.18	76.53	1.91	0.29	0.48	12.3	
1444+00 - 1474+15	3015	24	8040.0		8040.0		675.36		643.20	16.08	2.41	4.02		
1474+15 - 1485+52	1137	30	3790.0		3790.0		318.36	159.18	303.20	7.58	1.14	1.90	48.6	
1485+52 - 1485+88 SN 019-2017	36	30	120.0		120.0		10.08	5.04	9.60	0.24	0.04	0.06	1.5	
1485+88 - 1497+25	1137	30	3790.0		3790.0		318.36	159.18	303.20	7.58	1.14	1.90	48.6	13.3
1497+25 - 1513+47.50	OMISSION													
1513+47.50 - 1520+00	652.5	65 & VAR	4279.0	4279.0			359.44	179.72	342.32	8.56	1.28	2.14		42.5
1520+00 - 1535+88	1588	24	4234.7		4234.7		355.71		338.77	8.47	1.27	2.12		
1535+88 - 1542+42.79BK	654.79	30	2182.6		2182.6		183.34	91.67	174.61	4.37	0.65	1.09	28.0	
104+60AH - 105+00	40	30	133.3		133.3		11.20	5.60	10.67	0.27	0.04	0.07	1.7	
105+00 - 160+19.30	5519.3	30	18397.7		18397.7		1545.40	772.70	1471.81	36.80	5.52	9.20	235.7	
URBAN SUBTOTAL				**17231.6**	**42597.6**	**0.0**	**5025.7**	**1997.3**	**4786.3**	**119.7**	**17.9**	**29.9**	**385.4**	**245.8**
RURAL														
160+19.30 - 172+00	1180.7	30	3935.7		3935.7		330.60	165.30	314.85	7.87	1.18	1.97	50.4	
172+00 - 174+15	155	37	637.2		637.2		53.53	26.76	50.98	1.27	0.19	0.32	3.3	
174+05 - 194+40	2025	30	6750.0		6750.0		567.00	283.50	540.00	13.50	2.03	3.38	86.5	
194+40 - 199+35	495	33	1815.0		1815.0		152.46	76.23	145.20	3.63	0.54	0.91	10.6	
199+35 - 208+20	885	30	2950.0		2950.0		247.80	123.90	236.00	5.90	0.89	1.48	37.8	
208+20 - 211+40	320	33	1173.3		1173.3		98.56	49.28	93.87	2.35	0.35	0.59	6.8	
211+40 - 224+40	1300	30	4333.3		4333.3		364.00	182.00	346.67	8.67	1.30	2.17	55.5	
224+40 - 230+20	580	37	2384.4		2384.4		200.29	100.15	190.76	4.77	0.72	1.19	12.4	
230+20 - 281+80	5160	30	17200.0		17200.0		1444.80	722.40	1376.00	34.40	5.16	8.60	220.4	
281+80 - 288+40	660	37	2713.3		2713.3		227.92	113.96	217.07	5.43	0.81	1.36	14.1	
288+40 - 323+39.15BK	3499.15	30	11663.8		11663.8		979.76	489.88	933.11	23.33	3.50	5.83	149.4	
0+00AH - 11+36.45	1136.45	30	3788.2		3788.2		318.21	159.10	303.05	7.58	1.14	1.89	48.5	16.7
11+36.45 - 13+55.48	BRIDGE OMISSION													
13+55.48 - 38+70	2514.52	30	8381.7		8381.7		704.07	352.03	670.54	16.76	2.51	4.19	107.4	16.7
38+70 - 39+00	30	30	100.0			100.0	8.40	4.20	8.00	0.20	0.03	0.05		
39+00 - 43+05	405	24	1080.0	1080.0			90.72	45.36	86.40	2.16	0.32	0.54		
43+05 - 46+25	320	24 - 53	1373.8	1373.8			115.40	57.70	109.90	2.75	0.41	0.69		44.2
RURAL SUBTOTAL				**2453.8**	**67726.1**	**100.0**	**5903.5**	**2951.8**	**5622.4**	**140.6**	**21.1**	**35.1**	**803.2**	**77.5**
TOTAL				**19685**	**110324**	**100**	**10929**	**4949**	**10409**	**260**	**39**	**65**	**1189**	**323**

CRACK CONTROL & JOINT REPAIR

STA. TO STA.	LOCATION	HMA SURFACE REMOVAL (SPECIAL)	LEVEL BIND (MM) SPECIAL	BIT MAT PRIME COAT	STRIP REFLECTIVE CRACK CONTROL A
		SQ YD	TON	GALLON	FOOT
IL 64					
724+70 - 726+65	NB				195
724+70 - 726+65	CENTERLINE				195
724+70 - 726+65	SB				195
IL 23					
1414+00 TO 1437+20	NB				2320
1414+00 TO 1437+20	CENTERLINE				2320
1414+00 TO 1437+20	SB				2320
1444+00 TO 1461+11	NB	380	42.6	30.4	
1444+00 TO 1461+11	SB	380	42.6	30.4	
	TOTALS	**760**	**85**	**61**	**7545**

FILE NAME = c:\projects\d366676\coversht.dgn	USER NAME = schwarkerg	DESIGNED -	REVISED -	**STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION**	**SCHEDULES**
		DRAWN -	REVISED -		
	PLOT SCALE = 50.0000 ' / IN.	CHECKED -	REVISED -		SCALE: SHEET NO. OF SHEETS STA. TO STA.
	PLOT DATE = Apr 16, 2008 - 10:10:13 AM	DATE -	REVISED -		

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
324	(25,26)RS-3	DEKALB	24	7
		CONTRACT NO. 66676		
FED. ROAD DIST. NO. 4	ILLINOIS	FED. AID PROJECT		

SIDEROAD & ENTRANCES SCHEDULE

STATION	SIDE	LOCATION	SURF TYPE	LENGTH FT	WIDTH FT	AREA SQ YD	HMA SURF REM 2 1/4" SQ YD	HMA SURF REM 1 1/2" SQ YD	INC HMA SURF TONS	AGG. PRIME COAT TONS	TEMP. RAMP SQ YD	BIT. MAT. PR. CT. GALLON	LEV BIND MM N70 TON	HMA SURF CSE "D" N70 TON	AGG SURF CSE, B TON	FURN EXC CU YD
URBAN																
1417+50	RT	EXCHANGE ST	HMA	20	31	79.6	79.6		10.03	0.16	25.83	6.37				
1417+50	LT	EXCHANGE ST	HMA	20	30	72.4	72.4		9.12	0.14	25.00	5.79				
1421+50	RT	SYCAMORE ST	HMA	27	32	137.3	137.3		17.30	0.27	26.67	10.98				
1428+10	RT	PAGE ST	HMA	23	45	145.0	145.0		18.27	0.29	37.50	11.60				
1428+10	LT	PAGE ST	HMA	20	41	160.0	160.0		20.16	0.32	34.17	12.80				
1434+75	LT	NORTH AVE	HMA	21	31	113.3	113.3		14.28	0.23	25.83	9.06				
1474+53	RT	PE	HMA	10	24	45.7		45.7	4.80			3.66				
1475+63	RT	PE	HMA	10	24	41.2		41.2	4.33			3.30				
1477+50	LT	THOMAS DR	HMA	30	43	260.9		260.9	27.39	0.52	23.89	20.87				2.3
1479+89	RT	SWANSON RD	HMA	30	55	297.7		297.7	31.26	0.60	30.56	23.82				2.3
1488+90	LT	MBTO	HMA			17.1		17.1	1.80			1.37				
1489+00	RT	PE	HMA	10	30	71.1		71.1	7.47			5.69				
1490+00	RT	MBTO	HMA			17.1		17.1	1.80			1.37				
1490+30	RT	PE	HMA	10	28	43.8		43.8	4.60			3.50				
1490+38	LT	PE/MBTO	HMA	10	27	61.8		61.8	6.49			4.94				
1491+50	LT	PE/MBTO	HMA	10	26	71.0		71.0	7.46			5.68				
1492+75	LT	PE/MBTO	HMA	10	29	73.3		73.3	7.70			5.86				
1494+25	RT	CE	AGG	10	35	50.0		50.0	5.25			4.00				
1514+60	LT	PEACE RD	HMA	110	38 & VAR	924.8		924.8		1.85	31.70	73.98	38.84	77.68		10.0
1514+60	RT	PLANK RD	HMA	135	38 & VAR	1162.2		1162.2		2.32	30.80	92.98	48.81	97.63		10.0
1516+88	RT	PE	HMA			NO WORK										
1538+71	RT	PE/MBTO	HMA	10	31	67.3		67.3	7.07			5.38				
1539+27	LT	PE	HMA	10	26	51.8		51.8	5.44			4.14				
1539+94	RT	PE/MBTO	HMA	10	24	65.0		65.0	6.83			5.20				
1541+85	LT	NORTH GROVE RD	HMA	30	30	223.0		223.0	23.42	0.45	16.67	17.84				2.3
107+44	LT	PE/MBTO	HMA	10	23	49.0		49.0	5.15			3.92				
107+75	RT	PE/MBTO	HMA	10	19	39.0		39.0	4.10			3.12				
112+42	LT	FE	AGG		24	30.0									3.8	
117+83	LT	PE	HMA	10	24	49.0		49.0	5.15			3.92				
117+83	RT	MBTO	HMA			26.0		26.0	2.73			2.08				
120+80	RT	FE	AGG		19.5	28.0										
125+22	RT	PE/MBTO	HMA	10	16	54.0		54.0	5.67			4.32				
127+70	RT	PE/MBTO	HMA	10	20	48.0		48.0	5.04			3.84				
130+55	RT	PE/MBTO	HMA	10	30	56.0		56.0	5.88			4.48				
130+80	LT	FE	AGG		25	31.0									4.0	
131+45	RT	FE	AGG		19	27.0									3.5	
143+64	LT	PE/MBTO	HMA	10	24	48.0		48.0	5.04			3.84				
145+53	RT	PE/MBTO	HMA	10	23	51.0		51.0	5.36			4.08				
147+53	RT	PE/MBTO	HMA	10	18	45.0		45.0	4.73			3.60				
149+20	RT	MBTO	HMA			45.0		45.0	4.73			3.60				
149+30	LT	PE/MBTO	HMA	10	23	48.0		48.0	5.04			3.84				
160+19	LT	WHIPPLE RD	HMA	30	28	188.0		188.0	19.74	0.38	15.56	15.04				2.3
160+19	RT	WHIPPLE RD	HMA	30	23	173.0		173.0	18.17	0.35	12.78	13.84				2.3
URBAN SUBTOTALS							707.6	4463.8	338.7	7.9	336.9	413.7	87.7	175.3	11.3	31.5
RURAL																
162+72	RT	PE/MBTO	HMA	10	22	49.0		49.0	5.15			3.92				
167+00	LT	FE	AGG		30	36.0										
167+65	RT	PE/MBTO	HMA	10	20	41.0		41.0	4.31			3.28				
172+75	RT	MBTO	HMA			33.0		33.0	3.47			2.64				
172+75	LT	PE	CONC			NO WORK										
175+58	RT	FE			36	48.0									6.2	
176+96	RT	PE/MBTO	HMA	10	18	57.0		57.0	5.99			4.56				
178+33	RT	PE/MBTO	HMA	10	20	46.0		46.0	4.83			3.68				
179+43	LT	FE	AGG		26	31.0									4.0	
179+43	RT	PE	HMA	10	28	36.0		36.0	3.78			2.88				
192+90	RT	FE	AGG		26	35.0									4.5	
188+63	RT	FE	AGG		26	35.0									4.5	
190+73	LT	FE	AGG		26	31.0									4.0	
194+70	RT	PE	CONC			NO WORK										
194+70	LT	FE	AGG		24	28.0									3.6	
202+90	LT	LLOYD RD	HMA	30	22	178.0		178.0	18.69	0.36	12.22	14.24				2.3
202+90	RT	LLOYD RD	HMA	30	61	325.0		325.0	34.13	0.65	33.89	26.00				2.3
210+13	LT	PE	CONC			NO WORK										
211+05	LT	PE	CONC			NO WORK										
211+05	RT	FE	AGG		25	34.0									4.4	
226+87	LT	PE	CONC			NO WORK										
226+87	RT	FE	AGG		30	43.0									5.5	
230+95	LT	FE	AGG		21	26.0									3.3	
230+95	RT	FE	AGG		11	20.0									2.6	

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	PLOT DATE = Apr 16, 2008 - 10:10:23 AM	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULES

SCALE: | SHEET NO. OF SHEETS | STA. | TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
324	(25,26)RS-3	DEKALB	24	8
		CONTRACT NO. 66676		
FED. ROAD DIST. NO. 4	ILLINOIS	FED. AID PROJECT		

SIDEROAD & ENTRANCES SCHEDULE (CONT.)

STATION	SIDE	LOCATION	SURF TYPE	LENGTH FT	WIDTH FT	AREA SQ YD	HMA SURF REM 2 1/4" SQ YD	HMA SURF REM 1 1/2" SQ YD	INC HMA SURF TONS	AGG. PRIME COAT TONS	TEMP. RAMP SQ YD	BIT. MAT. PR. CT. GALLON	LEV BIND MM N70 TON	HMA SURF CSE "D" N70 TON	AGG SURF CSE, B TON	FURN EXC CU YD
241+25	RT	FE	AGG		17	26.0									3.3	
242+67	LT	FE	AGG		20	25.0									3.2	
249+00	LT	ELLEN DR	HMA	30	26	193.0		193.0	20.27	0.39	14.44	15.44				2.3
250+00	RT	PE/MBTO	HMA	10	21	48.0		48.0	5.04			3.84				
250+33	LT	PE/MBTO	HMA	10	18	46.0		46.0	4.83			3.68				
251+30	RT	PE/MBTO	HMA	10	19.5	47.0		47.0	4.94			3.76				
251+56	RT	FE	AGG		22	29.0									3.7	
251+80	LT	PE	HMA	10	21	34.0		34.0	3.57			2.72				
253+42	LT	FE	AGG		30	36.0		36.0	3.78			2.88			4.6	
260+60	RT	FE	AGG		27	34.0		34.0	3.57			2.72			4.4	
265+31	LT	BASELINE RD	HMA	30	30	207.0		207.0	21.74	0.41	16.67	16.56				2.3
265+31	RT	BASELINE RD	HMA	30	34	193.0		193.0	20.27	0.39	18.89	15.44				2.3
272+17	RT	PE	HMA	10	34	33.0		33.0	3.47			2.64				
272+17	LT	MBTO	HMA			50.0		50.0	5.25			4.00				
274+84	LT	FE	AGG		30	36.0		36.0	3.78			2.88			4.6	
275+84	RT	CE	AGG	10	20	52.0		52.0	5.46			4.16				
283+41	LT	PE	CONC			NO WORK										
285+76	RT	PE/MBTO	HMA	10	20	49.0		49.0	5.15			3.92				
286+55	LT	PE	CONC			NO WORK										
287+51	RT	PE/MBTO	HMA	10	15	46.0		46.0	4.83			3.68				
288+00	LT	PE	CONC			NO WORK										
288+25	RT	FE	AGG		26	31.0									4.0	
293+52	LT	PE/MBTO	HMA	10	21	49.0		49.0	5.15			3.92				
295+00	LT	PE/MBTO	HMA	10	20	46.0		46.0	4.83			3.68				
298+03	LT	PE/MBTO	HMA	10	19	43.0		43.0	4.52			3.44				
299+03	RT	FE	AGG		24	31.0									4.0	
300+20	LT	PE/MBTO	HMA	10	24	53.0		53.0	5.57			4.24				
304+48	LT	PE/MBTO	HMA	10	26	53.0		53.0	5.57			4.24				
305+52	LT	PE/MBTO	HMA	10	26	53.0		53.0	5.57			4.24				
306+25	RT	FE	AGG		27	34.0		34.0	3.57			2.72			4.4	
307+90	LT	PE/MBTO	HMA	10	23	52.0		52.0	5.46			4.16				
310+46	LT	PE/MBTO	HMA	10	22	50.0		50.0	5.25			4.00				
311+78	LT	PE/MBTO	HMA	10	22	50.0		50.0	5.25			4.00				
313+08	LT	PE/MBTO	HMA	10	22	5.0		5.0	0.53			0.40				
315+89	RT	PE/MBTO	HMA	10	27	51.0		51.0	5.36			4.08				
322+80	RT	FE	AGG		24	30.0		30.0	3.15			2.40			3.8	
0+24	LT	DERBY LINE RD	HMA	30	55	350.0		350.0	36.75	0.70	30.56	28.00				2.3
0+44	RT	DERBY LINE RD	HMA	30	48	310.0		310.0	32.55	0.62	26.67	24.80				2.3
	LT	PEARSON DR	HMA	30	95	425.0		425.0	44.63	0.85	52.78	34.00				2.3
	RT	PEARSON DR	HMA	30	57.5	523.0		523.0	54.92	1.05	31.94	41.84				2.3
	RT	CE	HMA	10	50	68.0		68.0	7.14			5.44				
	RT	RESOURCE LANE	HMA	30	29	193.0		193.0	20.27	0.39	16.11	15.44				2.3
	RT	CE	HMA	10	66	84.0		84.0	8.82			6.72				
39+17.5	LT	HILL ST	HMA	30	36	178.0	178.0		22.43	0.36	20.00	14.24				
40+68	LT	CE	HMA			NO WORK										
41+14	LT	CE	HMA			NO WORK										
41+68	LT	CE	HMA			NO WORK										
42+24	LT	CE	HMA			NO WORK										
42+81	LT	CE	CONC			NO WORK										
43+45	LT	CE	CONC			NO WORK										
43+45	RT	WATSON DR	HMA	30	24	170.0	170.0		21.42	0.34	13.33	13.60				
44+00	LT	CE	CONC			NO WORK										
45+36	LT	CENTRAL AVE	HMA	30	25	185.0	185.0		23.31	0.37	13.89	14.80				
RURAL SUBTOTALS							533.0	4391.0	528.2	6.9	301.4	393.9	0.0	0.0	82.4	23.0
TOTAL							1241	8855	867	15	638	808	88	175	94	55

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULES

SCALE: | SHEET NO. OF SHEETS | STA. | TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
324	(25,26)RS-3	DEKALB	24	9
		CONTRACT NO. 66676		
FED. ROAD DIST. NO. 4	ILLINOIS	FED. AID PROJECT		

PAVEMENT MARKING SCHEDULE

LOCATION	THERM PLASTIC MRK - LETTERS AND SYMBOLS	THERM PLASTIC PVMT MRK- LINE 4"	THERM PLASTIC PVMT MRK- LINE 6"	THERM PLASTIC PVMT MRK- LINE 8"	THERM PLASTIC PVMT MRK- LINE 12"	THERM PLASTIC PVMT MRK - LINE 24"	PVMT RAISED REFLECTIVE MARKER	PVMT RAISED REFLECTIVE MARKER REM	SHORT TERM PVMT MRK	WORK ZONE PVMT MRK REM	TEMP PVMT LETTERS AND SYMBOLS	TEMP PVMT MRK- LINE 4"	TEMP PVMT MRK- LINE 6"	TEMP PVMT MRK- LINE 8"	TEMP PVMT MRK- LINE 12"	TEMP PVMT MRK- LINE 24"
	SQ FT	FT	FT	FT	FT	FT	EACH	EACH	FT	SQ FT	SF	FT	FT	FT	FT	FT
MAINLINE																
Main Street-South Leg	42	104	126	52	192	27	9	6	13	1	42	104	126	52	192	27
IL-64/23 - West Leg			148		222								148		222	
IL-64 - East Leg	128	446	169	446	258	42	20	23	53	6	128	446	169	446	258	42
IL23/-64 To Exchange	125	378	270	142	348	27	16	18	45	5	125	378	270	142	348	27
Exchange - East			60		90								60		90	
Exchange - West			64		96	16							64		96	16
Exchange To Sycamore			184		126				120	13			184		126	
Sycamore - East			84		126								84		126	
Sycamore To Page			165						198	22			165			
Page - East																
Page - West			70		108								70		108	
Page To North ST			166						200	22			166			
North ST - West			70		108	18							70		108	18
Page To Bridge Omission (SN 019-0043)		200	127		41				53	6		200	127		41	
Bridge Omission = Sta. 1437+20.45 to Sta. 1438+99.13																
Sta. 1438+99.13 to Sta. 1497+25		13,015	1,240	738	36	24	107	107	1,360	180		13,015	1,240	738	36	24
Omission Sta. 1497+25 to Sta. 1513+47.50																
Sta. 1513+47.50 to Sta. 1542+42.79	156	10,914	561	1,703	262	179	163	163	2,287	260	156	10,914	561	1,703	262	179
Sta. Equation Sta. 1542+42.79 BK = Sta. 104+60 AHD																
Sta. 104+60 to Whipple Road		11,119	1,390				70	70	1,668	185		11,119	1,390			
URBAN SUBTOTAL	**451**	**36,176**	**4,894**	**3,081**	**2,013**	**333**	**385**	**387**	**5,997**	**700**	**451**	**36,176**	**4,894**	**3,081**	**2,013**	**333**
Whipple Road to Sta. 323+39.15		32,640	4,080	170			204	204	4,947	550		32,640	4,080	170		
Sta. Equation Sta. 323+39.15 BK = Sta. 0+00 AHD																
Sta. 0+00 to R.R. Bridge Omission (SN 019-0005)		192	284				15	15	341	38		192	284			
Bridge Omission = Sta. 11+36.45 to Sta. 13+55.48																
Sta. 13+55.48 to Sta. 39+00		192	636				32	32	763	85		192	636			
Sta. 39+00 to Sta. 46+25		192	181				9	9	218	24		192	181			
No Passing Zones Striping		22,387														
RURAL SUBTOTAL	**0**	**55,603**	**5,181**	**170**	**0**	**0**	**260**	**260**	**6,269**	**697**	**0**	**33,216**	**5,181**	**170**	**0**	**0**
TOTAL	**451**	**91,779**	**10,075**	**3,251**	**2,013**	**333**	**645**	**647**	**12,266**	**1,397**	**451**	**69,392**	**10,075**	**3,251**	**2,013**	**333**

NOTE: THE ENGINEER SHALL VERIFY THE LOCATION OF ALL PAVEMENT MARKINGS PRIOR TO CONSTRUCTION

FILE NAME = c:\projects\d366676\coversht.dgn	USER NAME = schwenkerg	DESIGNED -	REVISED -	**STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION**	**SCHEDULES**	F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -			324	(25,26)RS-3	DEKALB	24	10
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MATCHLINE AA

SYCAMORE TOWNSHIP

STATION EQUATION
STA. 1542+42.79 BK. = STA. 104+60 AHD.

NORTH GROVE ROAD
STA. 1541+85

-END MILLING 1½" & RESURFACING 1½" OF 12' DRIVING LANES- NB & SB
-BEGIN MILLING 1½" & RESURFACING 2¼" FULL WIDTH PAVEMENT & SHOULDERS
STA. 1535+88 (END OF SUBDIVISION WIDENING)

NORTHGATE DRIVE
ENTRANCE TO HERON NORTH SUBDIVISION

-END FULL WIDTH MILLING 2¼" & RESURFACING 2¼"
-BEGIN MILLING 1½" & RESURFACING 1½" OF 12' DRIVING LANES- NB & SB
STA. 1520+00

PEACE ROAD
STA. 1514+60

PLANK ROAD

-END OMISSION
BEGIN FULL WIDTH MILLING 2¼" & RESURFACING 2¼"
STA. 1513+47.50

MERRY OAKS
STA. 1498+40

HERON CREEK
ENTRANCE TO HERON SOUTH SUBDIVISION

-END MILLING 1½" & RESURFACING 2¼" FULL WIDTH PAVEMENT & SHOULDERS
-BEGIN OMISSION
STA. 1497+25

CULVERT S.N. 019-2017
STA. 1485+70

SWANSON RD.
STA. 1479+85

THOMAS DR.
STA. 1477+50

-END MILLING 1½" & RESURFACING 1½" OF 12' DRIVING LANES- NB & SB
-BEGIN MILLING 1½" & RESURFACING 2¼" FULL WIDTH PAVEMENT & SHOULDERS
STA. 1474+15

PRIMROSE DR.
STA. 1473+43.60

(23) IL 23

MAPLEWOOD DRIVE
STA. 1464+95.60

-END WIDENING CRACK REPAIR, 2' WIDE
STA. 1461+11
-CONTINUE MILLING 1½" & RESURFACING 1½" OF 12' DRIVING LANES- NB & SB

-END FULL WIDTH MILLING 1½" & RESURFACING 2¼"
-BEGIN MILLING 1½" & RESURFACING 1½" OF 12' DRIVING LANES ONLY- NB & SB
-BEGIN ADDITIONAL WIDENING CRACK REPAIR, 2' WIDE- NB & SB
STA. 1444+00

MT. HUNGER RD. & SUBDIVISION
STA. 1451+75

-BEGIN FULL WIDTH MILLING 1½" & RESURFACING 2¼"
-STA. 1438+99.13

KISHWAUKEE RIVER

BRIDGE OMISSION S.N. 019-0043
STA. 1437+20.45 TO STA. 1438+99.13

-END FULL WIDTH MILLING 2¼" & RESURFACING 2¼"
STA. 1437+20.45

NORTH AVE.
STA. 1434+75

PAGE ST.
STA. 1428+10

MAIN ST.

SYCAMORE ST.
STA. 1421+50

EXCHANGE ST.
STA. 1417+50

STA. 1413+45.60 =
INTERSECTION OF IL 23 & IL 64

IL 23/64 — IL 64

BEGIN PROJECT
STA. 1412+40.60
-BEGIN FULL WIDTH MILLING 2¼" & RESURFACING 2¼"

N

RTE. 23 / RTE. 72

END PROJECT
STA. 46+25

CENTRAL AVE. STA. 45+35.80

-END MILLING 1½" & RESURFACING 2¼" FULL WIDTH PAVEMENT & SHOULDERS
-BEGIN MILLING 2¼" & RESURFACING 2¼" FULL WIDTH PAVEMENT & SHOULDERS
STA. 39+00

HILL ST.
STA. 39+17.5

WATSON DR. STA. 43+44.67

RESOURCE LANE

PEARSON LANE

BRIDGE OMISSION S.N. 019-0005
STA. 11+36.45 TO STA. 13+55.48

DERBY LINE ROAD WEST
STA. 0+24.30

DERBY LINE ROAD EAST
STA. 0+44.10

STATION EQUATION
STA. 323+39.15 BK. = STA. 0+00 AHD.

BASE LINE ROAD STA. 265+31.03

ELLEN DR. STA. 249+00

LLOYD RD STA. 202+90.46

RURAL

WHIPPLE RD STA. 160+19.30

URBAN

CONTINUE MILLING 1½" & RESURFACING 2¼" FULL WIDTH PAVEMENT & SHOULDERS TO STA. 38+70

MATCHLINE AA

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		DRAWN -	REVISED -
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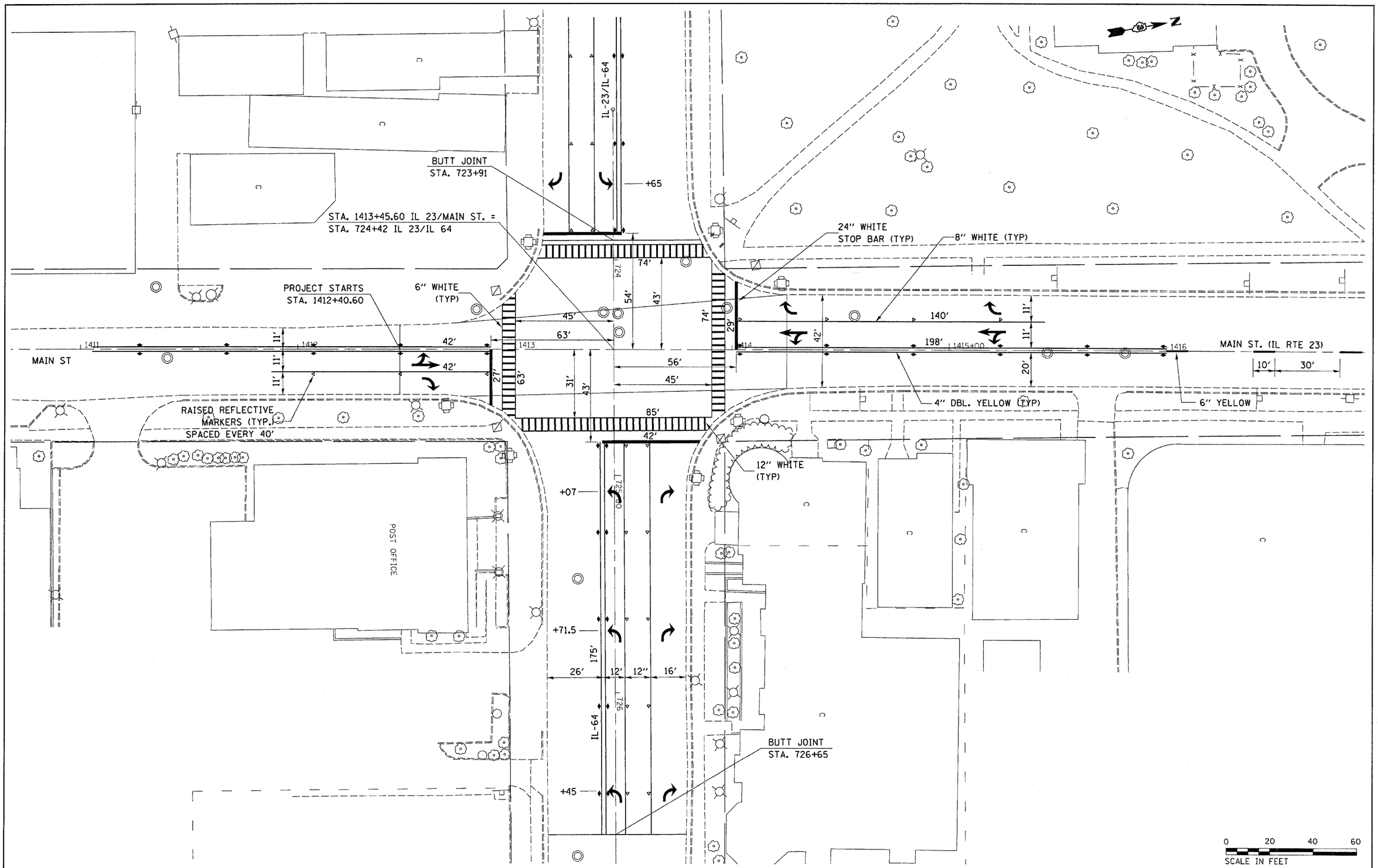
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

LOCATION MAP

SCALE: | SHEET NO. OF SHEETS | STA. TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
324	(25,26)RS-3	DEKALB	24	11
		CONTRACT NO. 66676		
FED. ROAD DIST. NO. 4	ILLINOIS	FED. AID PROJECT		



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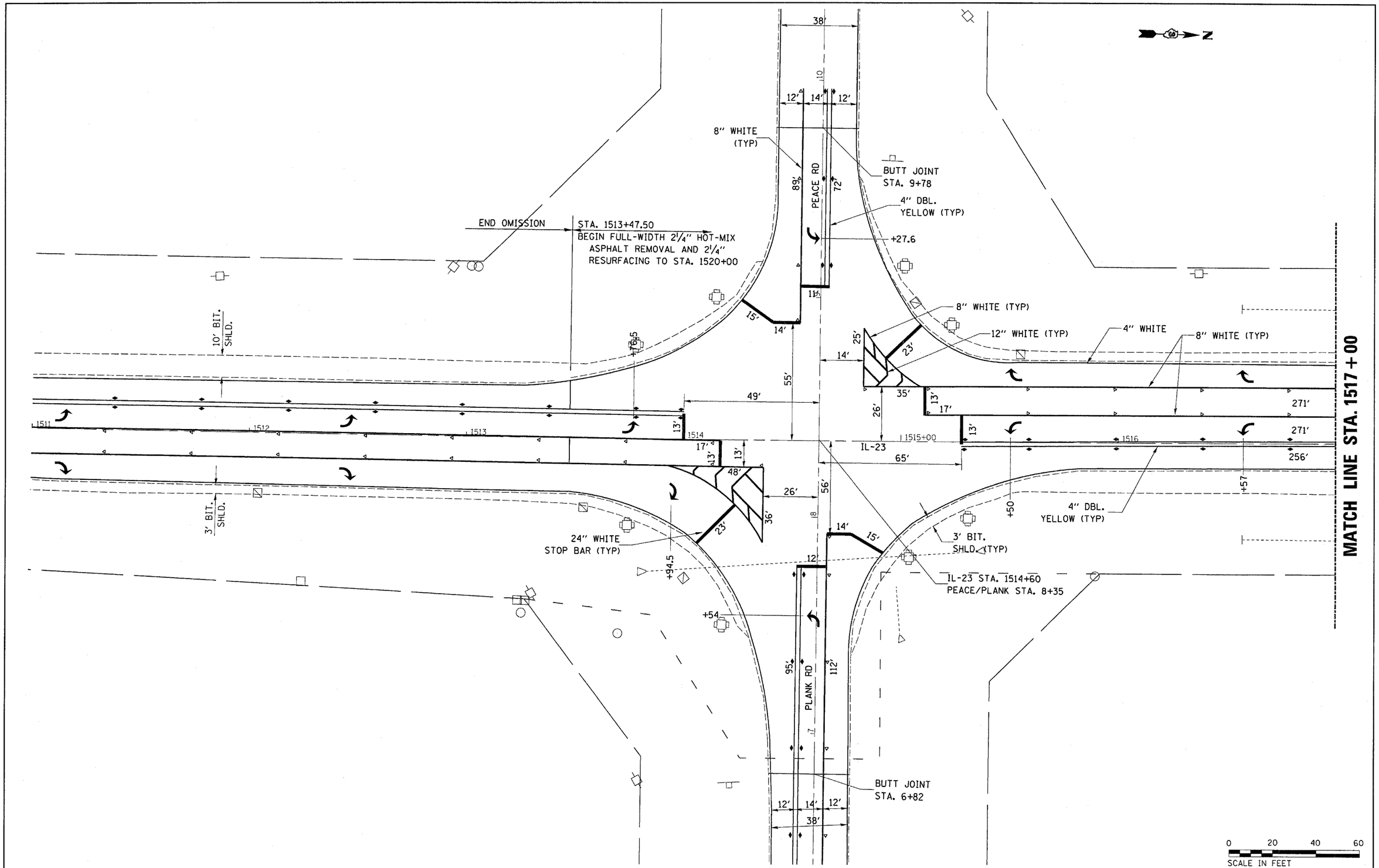
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL 23 & IL 64 INTERSECTION DETAIL

SCALE: | SHEET NO. OF SHEETS | STA. | TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
324	(25,26)RS-3	DEKALB	24	12
		CONTRACT NO. 66676		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



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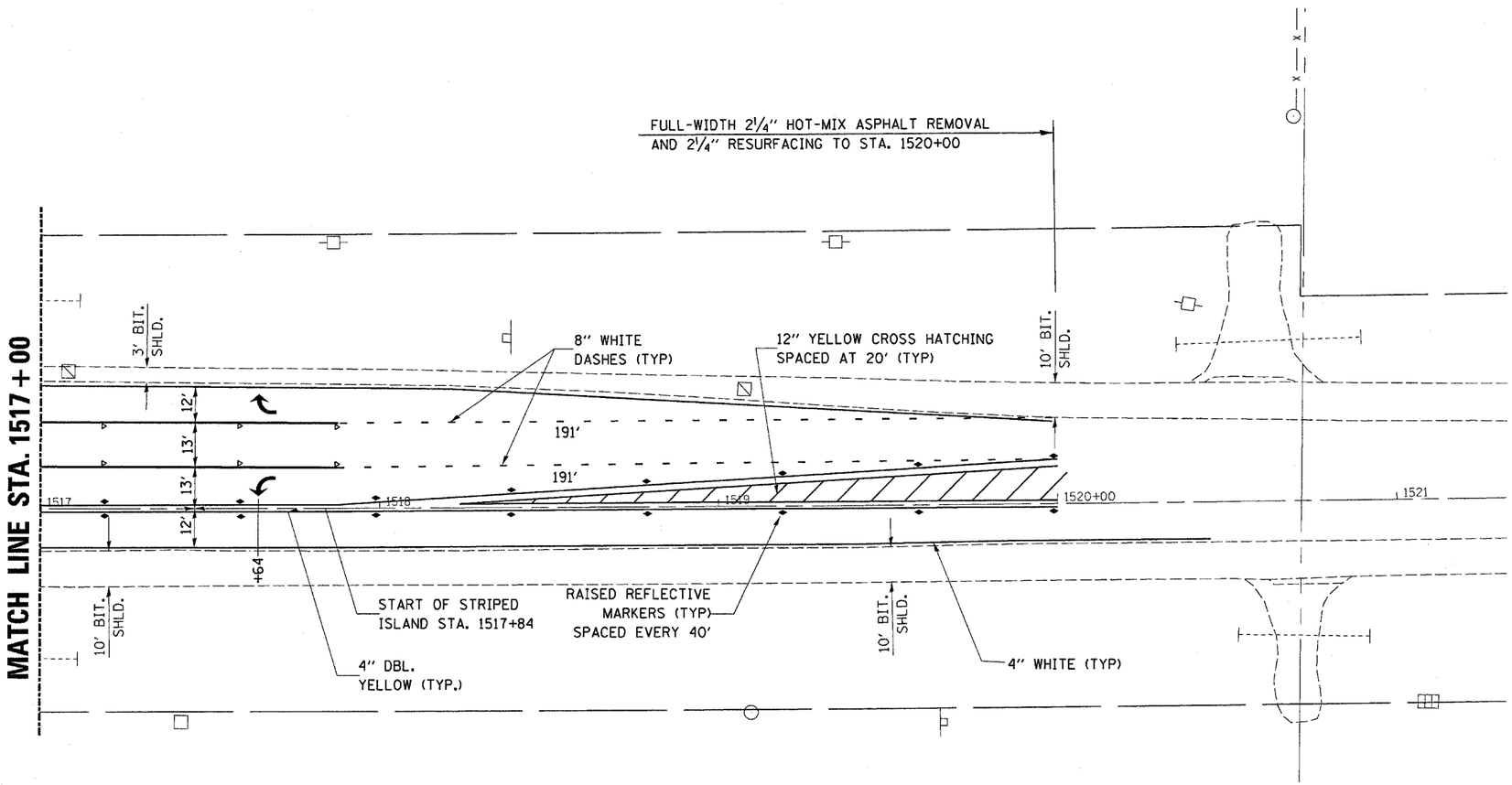
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLANK ROAD & PEACE ROAD INTERSECTION DETAIL

SCALE: | SHEET NO. OF SHEETS | STA. TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
324	(25,26)RS-3	DEKALB	24	13
		CONTRACT NO. 66676		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



0 20 40 60
SCALE IN FEET

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLANK ROAD & PEACE ROAD INTERSECTION DETAIL

SCALE: | SHEET NO. OF SHEETS | STA. | TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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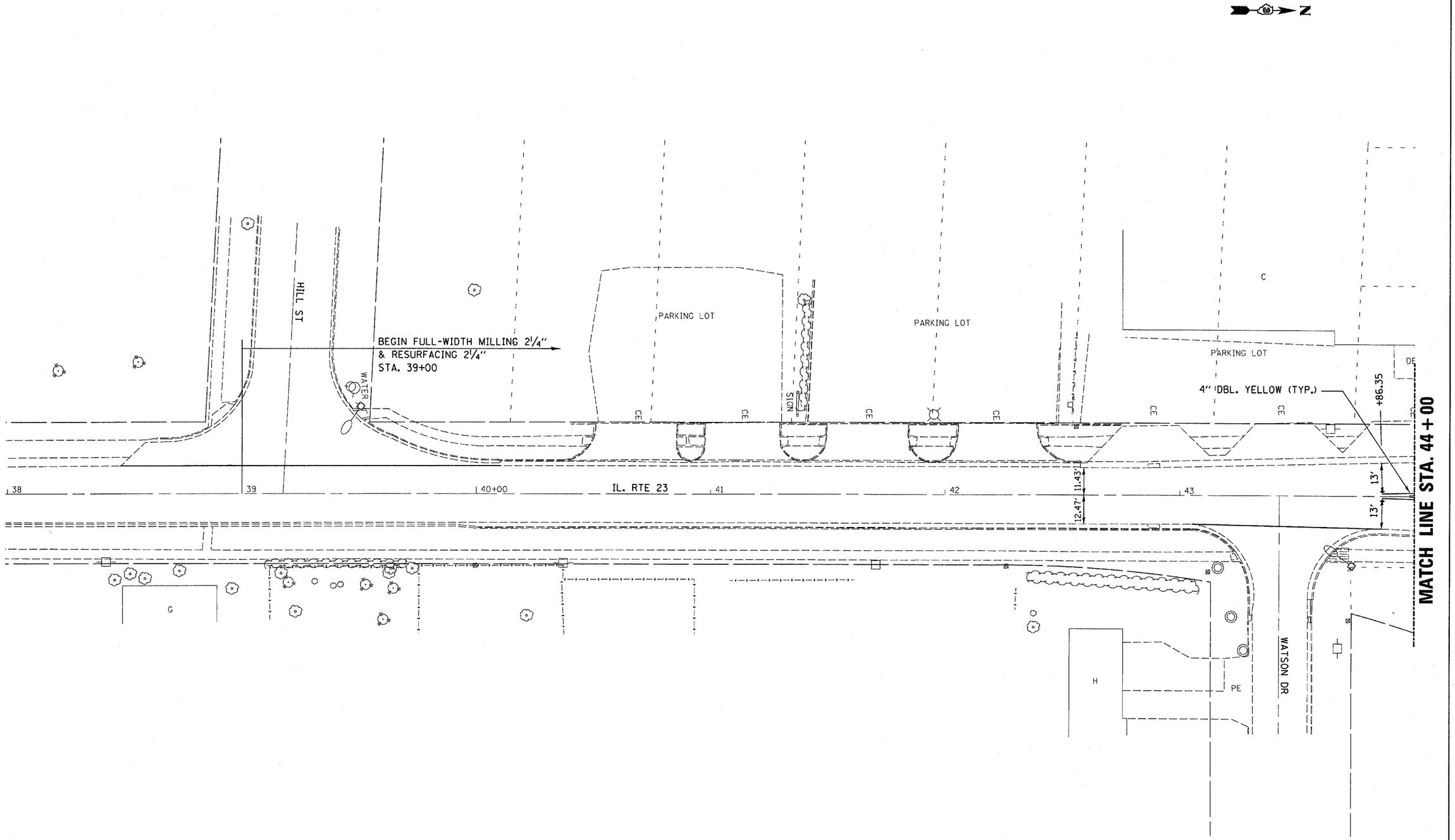
		CONTRACT NO. 66676		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL 23 & IL 72 INTERSECTION DETAIL

SCALE: | SHEET NO. OF SHEETS | STA. TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
324	(25,26)RS-3	DEKALB	24	15
		CONTRACT NO. 66676		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

N

MATCH LINE STA. 44+00

PARKING LOT

CE

WATER

4" DBL. YELLOW (TYP.)

12" YELLOW (TYP.)

CENTRAL AVE.

10+00

PROJECT ENDS
STA. 46+25

+52.90

+69.24

PARKING LOT

4" DBL. YELLOW (TYP.)

ALLEY

STA. 49+14.05 (IL RTE. 23 SOUTH) =
STA. 45+48.41 (IL RTE. 72)

45+00

13'

+12.36

2' (TYP.)

13'

44

45+00

50'

R.

30'

R.

IL. RTE 23

46

47

48

49

7.3'

+92.37

+35.08

13'

+89.17

13'

+70.46

8" WHITE (TYP.)

CE

PARKING LOT

SIGN

40+00

RC

GAS

CE

PE

H

FILE NAME = c:\projects\d366676\dl0702pin1.dgn	USER NAME = schwenkorg	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	IL 23 & IL 72 INTERSECTION DETAIL
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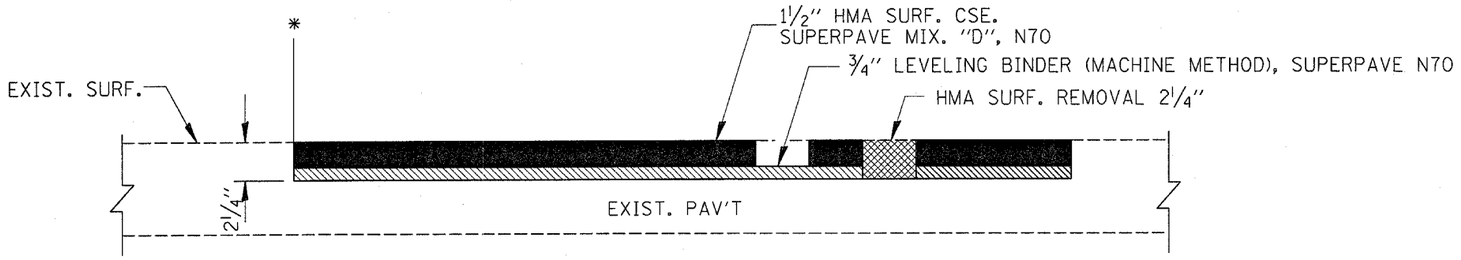
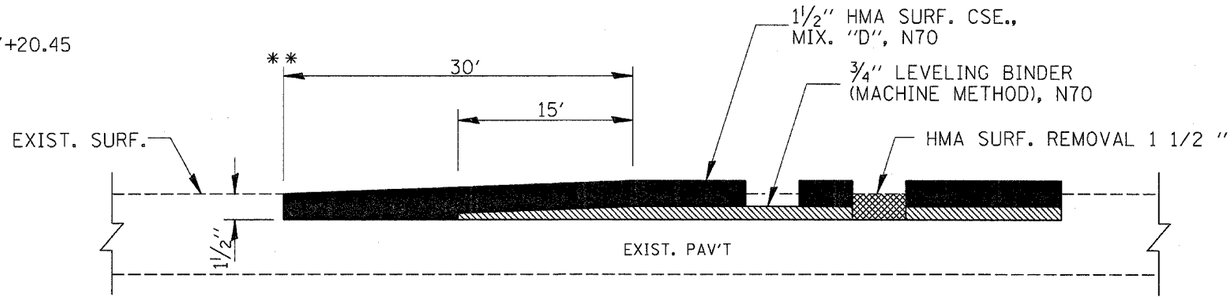
F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
324	(25,26)RS-3	DEKALB	24	16
		CONTRACT NO. 66676		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



HMA SURFACE REMOVAL 2 1/4"

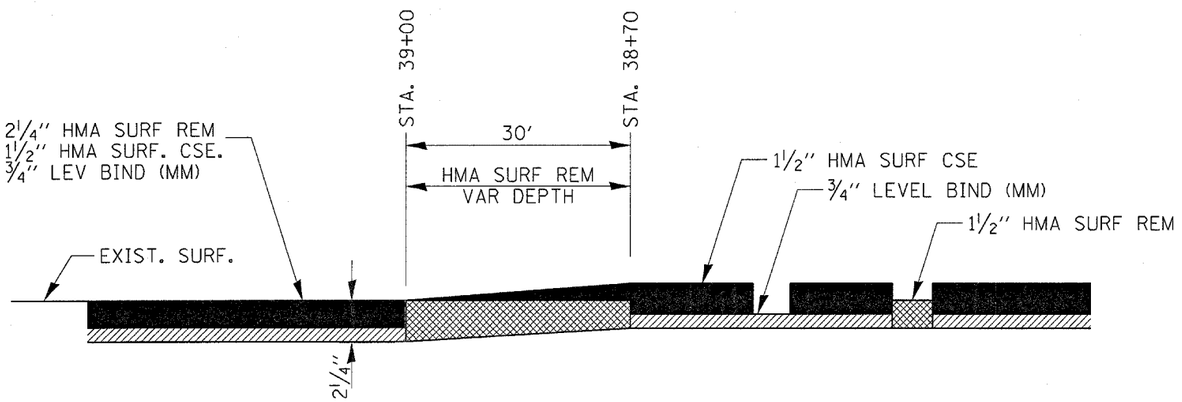
* BUTT JOINT - IL 23/IL 64, STA. 723+91
* PROJECT START - MAIN ST., STA. 1412+40.60
* BUTT JOINT - IL 64, STA. 726+65
* AT BRIDGE OMISSION (SN 019-0043) - IL 23, STA. 1437+20.45
* AT PROJECT END - IL 23, STA. 46+25



HMA SURFACE REMOVAL 1 1/2"

** FROM BRIDGE OMISSION (SN 019-0043) - IL 23, STA. 1438+99.13
** IL 23, STA. 1444+00 (NORTH OF SN 019-0043)
** IL 23, STA. 1474+15 (NORTH OF PRIMROSE DRIVE)
** IL 23, STA. 1497+25 (SOUTH OF HERON CREEK SOUTH ENTRANCE)
** IL 23, STA. 1535+88 (SOUTH OF NORTH GROVE ROAD)
** AT BRIDGE OMISSION (SN 019-0005) - IL 23, STA. 11+36.45
** FROM BRIDGE OMISSION (SN 019-0005) - IL 23, STA. 13+55.48

FROM STA. 1444+00 TO STA. 1474+15
12' DRIVING LANES ONLY - NB & SB
HOT-MIX ASPHALT REMOVAL 1½" AND
1½" HOT-MIX ASPHALT SURFACE COURSE



MILLING AND RESURFACING TAPER

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		DRAWN -	REVISED -						324	(25,26)RS-3	DEKALB	24	17
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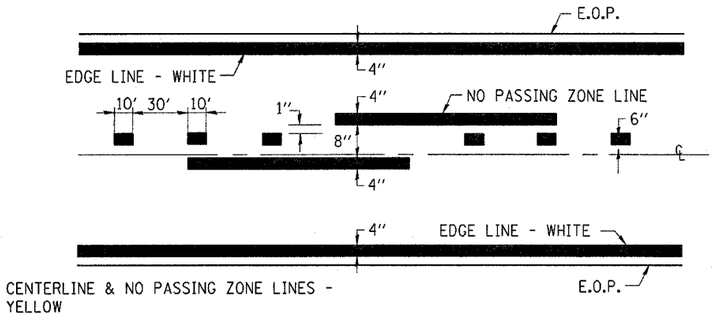
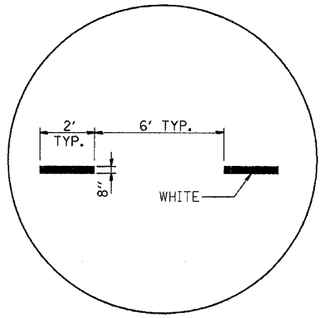
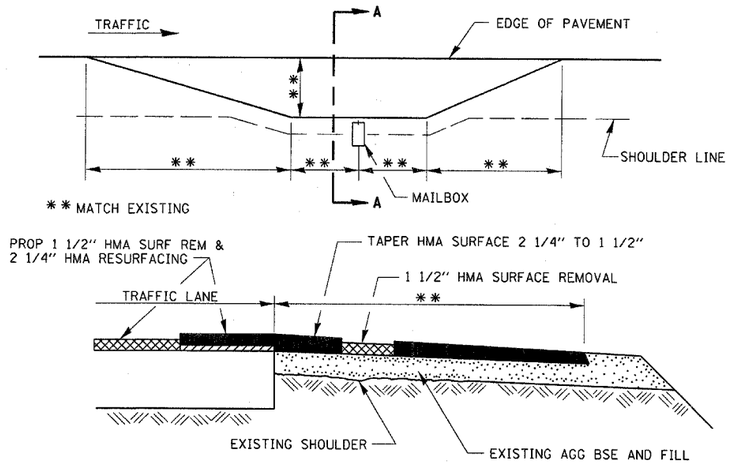
PAVEMENT MARKING



CENTERLINE & NO PASSING ZONE LINES - YELLOW

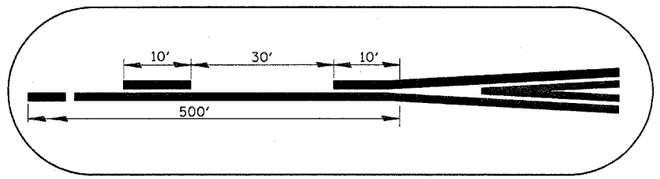


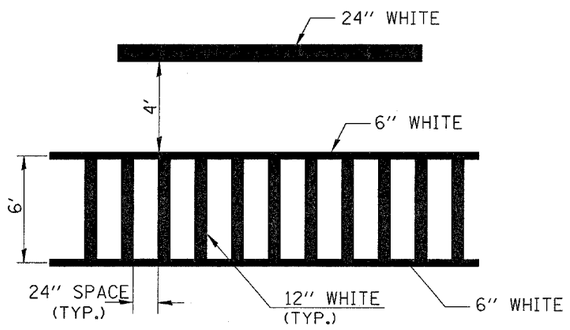
DETAIL FOR TURN LANE DASHES



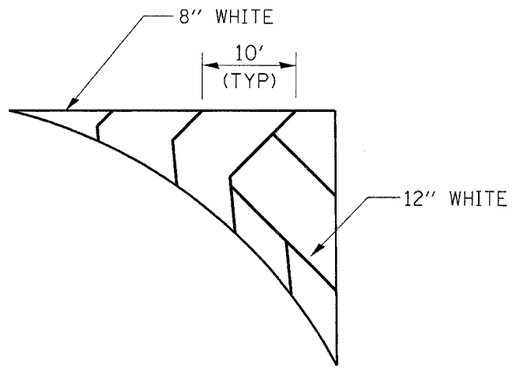
SECTION A-A

RURAL MAILBOX TURNOUT DETAILS

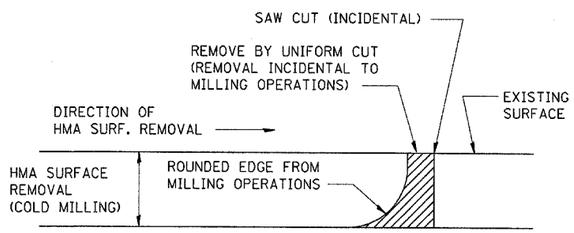




TYPICAL SPACING DETAIL FOR CROSSWALKS AND STOP BARS



DETAIL FOR MARKED ISLAND



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

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		DRAWN -	REVISED -
	PLOT SCALE = 50.0000 ' / IN.	CHECKED -	REVISED -
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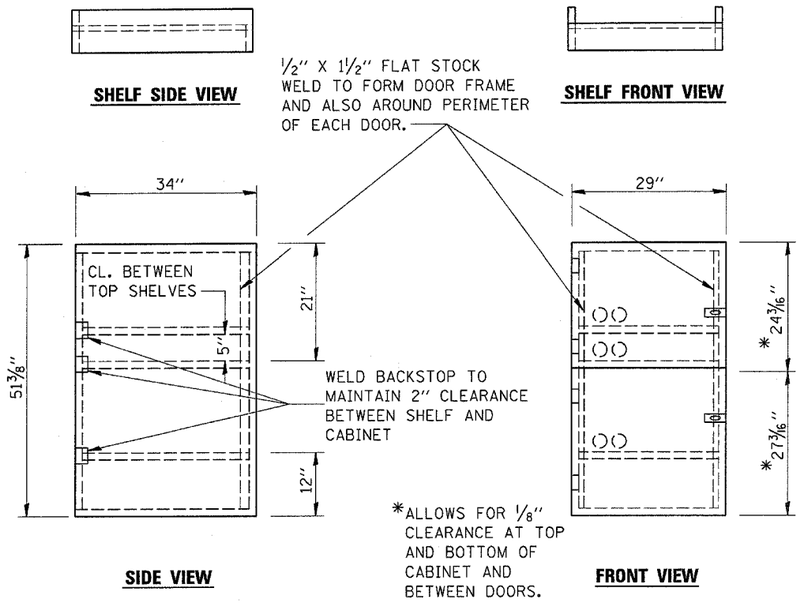
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DETAILS

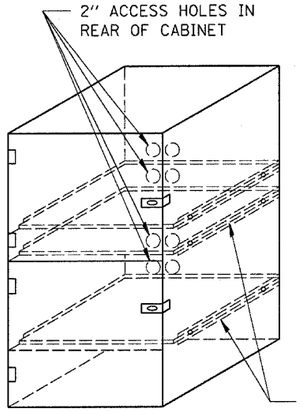
SCALE: | SHEET NO. OF SHEETS | STA. | TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
324	(25,26)RS-3	DEKALB	24	18
		CONTRACT NO. 66676		
FED. ROAD DIST. NO. 4	ILLINOIS	FED. AID PROJECT		

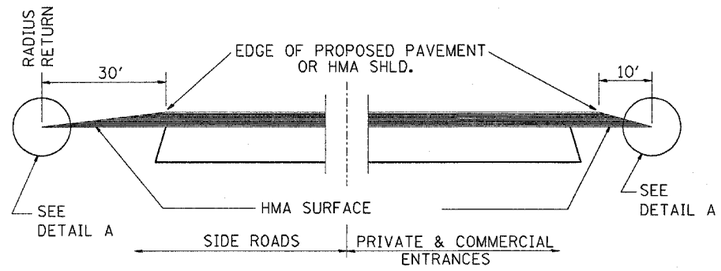


NOTES:

1. USE 16 GAUGE STEEL FOR CABINET.
2. THE TOP SHELF SHALL SLIDE IN OR OUT WITH THE TOP DOOR OPEN.
3. ALL HINGES AND HASPS WILL BE WELDED TO THE CABINET.
4. ALL EDGES SHALL BE GROUND SMOOTH.
5. TWO (2" DIA.) ACCESS HOLES WILL BE REQUIRED FOR EACH SHELF.
6. CABINET SHALL BE PAINTED WITH TWO COATS OF FLAT PAINT.
7. 2 EACH MATCHING KEY PADLOCKS, WITH 3 KEYS PROVIDED, MASTER MODEL 3 T OR EQUIVALENT.
8. 4 EACH PLAIN STEEL, NON-REMOVABLE PIN, NO HOLE 4"X4" SQUARE CORNER HINGES TO BE WELDED ON.
9. 2 EACH EXTRA HEAVY, PLAIN STEEL, FIXED STAPLE, NO HOLE, 7¼" HASPS TO BE WELDED ON.



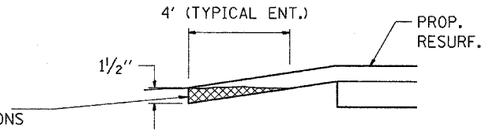
LOCKABLE COMPUTER CABINET



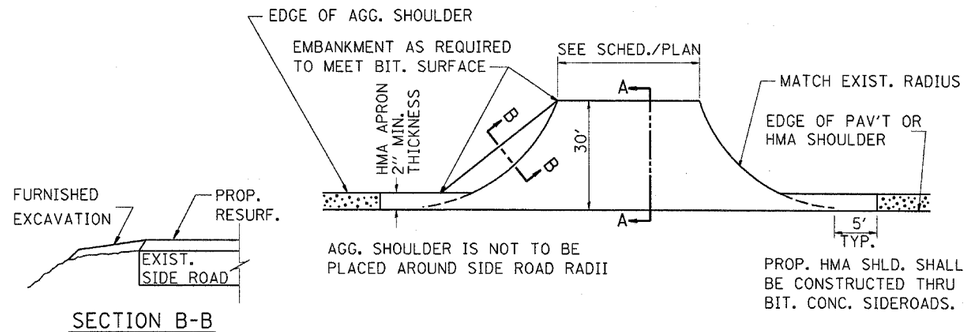
SECTION A-A

DETAILS AT ENTRANCES & SIDE ROADS NORTH OF THE BRIDGE SN-019-0043

THE COST OF REMOVAL AT EXISTING HMA OR P.C.C. LOCATIONS SHALL BE PAID FOR PER SQ. YD. BY THE APPROPRIATE PAY ITEM. REMOVAL AT EXISTING AGG. LOCATIONS SHALL BE INCIDENTAL TO THE HMA. A-3 LOCATIONS SHALL BE FEATHER TAPERED.

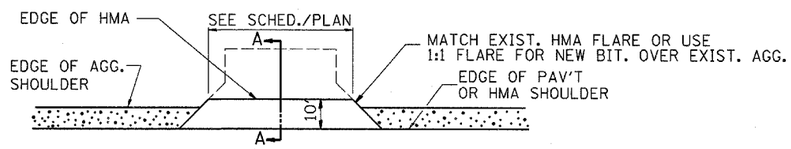


DETAIL A



SECTION B-B

PLAN AT SIDE ROADS NORTH OF BRIDGE
EXCEPT THOSE NOTED ON OTHER DETAILS



PLAN AT PRIVATE ENTRANCES NORTH OF BRIDGE SN-019-0043
(DO NOT RESURFACE FIELD ENTRANCES)

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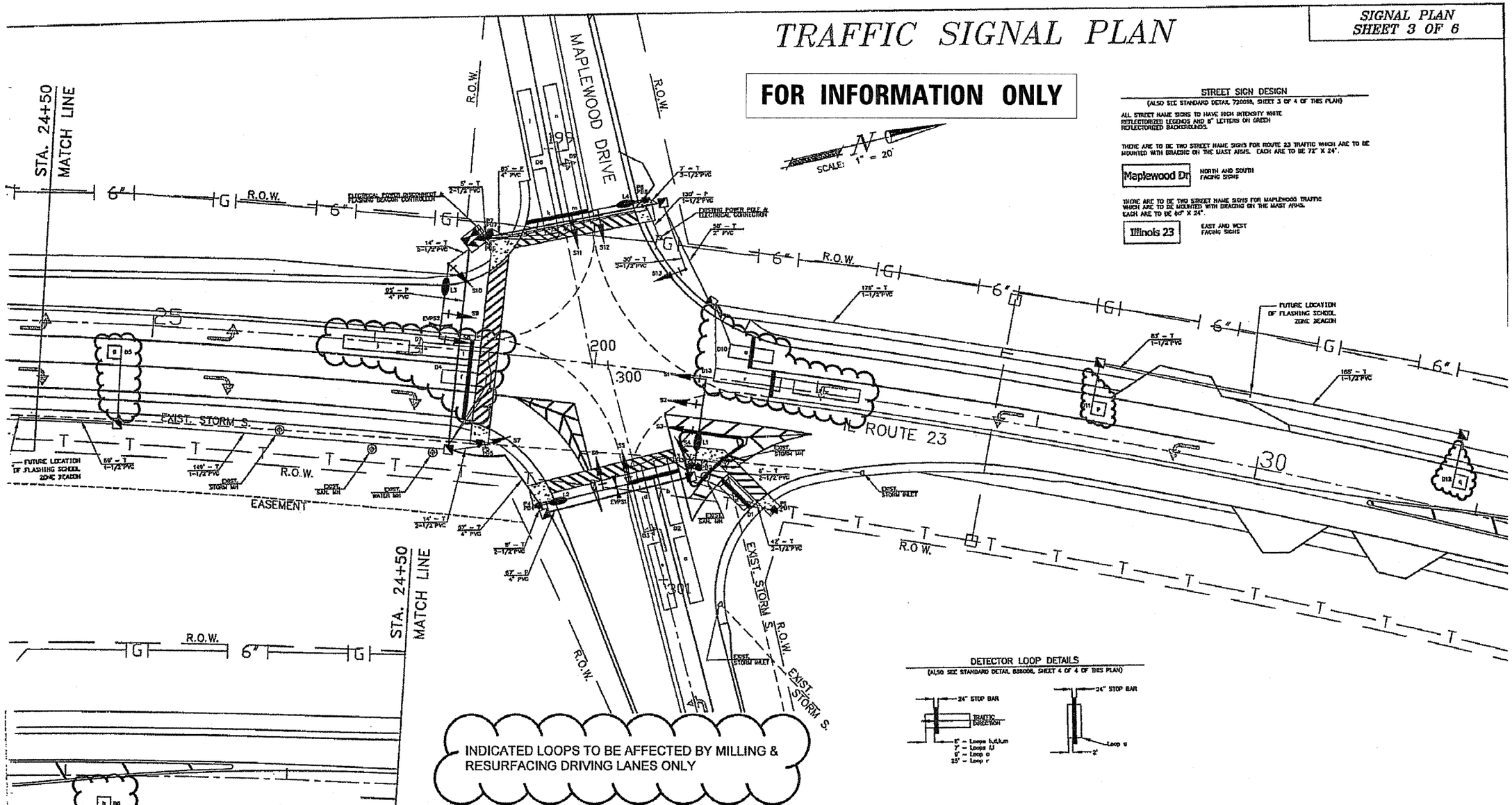
		DRAWN -	REVISED -			324	(25,26)RS-3	DEKALB	24	19
	PLOT SCALE = 50.0000 ' / IN.	CHECKED -	REVISED -					CONTRACT NO. 66676		
	PLOT DATE = Apr 16, 2008 - 10:18:08 AM	DATE -	REVISED -		SCALE: SHEET NO. OF SHEETS STA. TO STA.	FED. ROAD DIST. NO. 4	ILLINOIS	FED. AID PROJECT		

TRAFFIC SIGNAL PLAN

SIGNAL PLAN
SHEET 3 OF 6

FOR INFORMATION ONLY



SCALE: 1" = 20'

STREET SIGN DESIGN

(ALSO SEE STANDARD DETAIL 720018, SHEET 3 OF 4 OF THIS PLAN)

ALL STREET NAME SIGNS TO HAVE HIGH INTENSITY WHITE REFLECTORIZED LEGENDS AND 8" LETTERS ON GREEN REFLECTORIZED BACKGROUNDS.

THERE ARE TO BE TWO STREET NAME SIGNS FOR ROUTE 23 TRAFFIC WHICH ARE TO BE MOUNTED WITH BRACING ON THE MAST ARMS. EACH ARE TO BE 72" X 24".

Maplewood Dr — NORTH AND SOUTH FACING SIGNS

THERE ARE TO BE TWO STREET NAME SIGNS FOR MAPLEWOOD TRAFFIC WHICH ARE TO BE MOUNTED WITH BRACING ON THE MAST ARMS. EACH ARE TO BE 60" X 24".

Illinois 23 — EAST AND WEST FACING SIGNS

DETECTOR LOOP DETAILS

(ALSO SEE STANDARD DETAIL 886006, SHEET 4 OF 4 OF THIS PLAN)

ELECTRICAL QUANTITIES (MAPLEWOOD)

DESCRIPTION	UNIT	QUANTITY
INDUCTIVE LOOP DETECTOR	EACH	8
DETECTOR LOOP, TYPE 1	FOOT	718
LOOP DETECTOR TESTING	EACH	1

NOTES:
-HANDHOLES TO BE ADJACENT TO THE BACK OF CURB OR A MINIMUM OF 3' FROM THE OUTSIDE EDGE OF THE FUTURE SHOULDER AND OF LOWER ELEVATION.
-MAST ARM SIGNAL POLES AND PEDESTRIAN PUSH-BUTTON POSTS TO BE A MINIMUM OF 2' FROM THE BACK OF CURB OR OUTSIDE EDGE OF THE FUTURE SHOULDER.
-THE EXISTING SCHOOL BEACON CONTROLLER SHALL BE RELOCATED TO THE LOCATION OF THE TRAFFIC SIGNAL CONTROLLER AND SHALL BE MOUNTED ON A 4"X6" PRESSURE-TREATED WOOD POST. THE ELECTRICAL SUPPLY CIRCUIT FOR THE BEACON SHALL BE EQUIPPED WITH A DISCONNECT WHICH IS ALSO MOUNTED ON THE POST.

REV. 03/2004 BY DLK PER IDOT REVIEW.
REV. 04/23/03 BY DLK
REV. 04/29/03 BY DLK PER IDOT REVIEW.
REV. 05/19/03 BY DLK PER IDOT REVIEW.
REV. 09/29/03 BY DLK.
REV. 12/18/03 BY DLK PER IDOT COMMENTS.
REV. 11/27/12 BY DLK PER IDOT REVIEW.

CIVIL ENGINEERING SERVICES
CES INC.
CIVIL ENGINEERING SERVICES
700 WEST LOCUST ST., BELVIDERE, IL 61
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IL 23/MAPLEWOOD IMPROVEMENTS

DRAWN BY DLK DATE 09/10/02
CHECKED BY KCB DATE 09/10/02

SHEET 16

DS1026 SIGNAL_PLAN.DWG

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	PLOT SCALE = 50.0000 ' / IN.	CHECKED -	REVISED -						
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
324	(25,26)RS-3	DEKALB	24	20
		CONTRACT NO. 66676		
FED. ROAD DIST. NO. 4	ILLINOIS	FED. AID PROJECT		

TRAFFIC SIGNAL PLAN

FOR INFORMATION ONLY

SPECIFICATIONS

The following Traffic Signal Special Provisions and the included details supplement the requirements of Section 800, ELECTRICAL and other Sections of the State of Illinois Specifications for Road and Bridge Construction. The work to be done under this contract consists of furnishing and installing all traffic signal work as specified on the plans and as specified herein in a manner acceptable and approved by the Engineer.

FULL-ACTUATED CONTROLLER AND TYPE IV CABINET
This item shall consist of furnishing a full-actuated controller with a Type IV cabinet and installing it in satisfactory operating condition. The cabinet shall have a natural aluminum finish. The detectors shall be rack mounted.

DETECTOR LOOPS, TY I
One-inch (1") PVC detector loop lead-in stubs shall be provided with spacing of one foot (1') between stubs. The Detector Loops shall be installed during work to be concurrently performed under the contract for the IL Route 23/Maplewood Drive intersection improvements. The Detector Loops shall be installed at the locations designated in this Traffic Signal Plan at a point in time following placement of the Bituminous Concrete Binder Course and prior to placement of the Bituminous Concrete Surface Course. The Contractor for this Traffic Signal project shall be responsible for coordinating this work with the Contractor for the intersection improvements project.

CONDUIT
All Conduit installed prior to completion of work under the contract for the IL Route 23/Maplewood Drive intersection improvements project shall be installed with adequate clearance and cover for existing and proposed grade conditions as well as to provide protection during performance of roadway and drainage improvements as detailed in the intersection improvements plans.
The Contractor for this Traffic Signal project shall be responsible for coordinating this work with the Contractor for the intersection improvements project.

ELECTRICAL SERVICE INSTALLATION, TY B
The Type B, 240-volt electrical service installation shall provide for two 30-amp circuits on one 120-volt leg for the luminaires and flashing beacons, and one 60-amp circuit on the other 120-volt leg for the traffic signals. Circuit breakers shall be provided for each of these circuits in a box to be mounted at 5.5 feet from the ground on a 4"X6" pressure-treated timber post installed adjacent to the traffic signal controller. The Contractor shall notify the Commonwealth Edison marketing representative a minimum of 30 working days prior to the anticipated date of electrical service hook-up. This 30-day advance notification will begin only after the Commonwealth Edison marketing representative has received a service charge payment from the Contractor. Prior to contacting the Commonwealth Edison marketing representative for service connection, the service installation electrical power disconnect and both the traffic signal controller cabinet and flashing beacon controller cabinet and cables must be installed for inspection by Commonwealth Edison.

EMERGENCY VEHICLE PRIORITY SYSTEM
This item shall consist of a Tomar transmitter and detector system and shall be installed complete with a confirmation beacon.

FLASHING BEACONS AND CONTROLLER
The existing flashing beacon controller shall be relocated to the 4"X6" pressure-treated timber post installed adjacent to the traffic signal controller on which the electrical power disconnects are mounted. Conduit and Electrical Cable for the future relocation of two Flashing School Zone Beacons shall be installed as indicated in the plans. Temporary caps shall be placed on the ends of the Conduit at the sign locations and the end locations shall be marked as approved by the Engineer.

LUMINAIRES
The luminaires shall be mounted at a height of thirty-five feet (35') on eight-foot (8') arms. The luminaires shall include 310-watt, high pressure sodium lamps and shall be installed complete with surge protectors and level indicators.

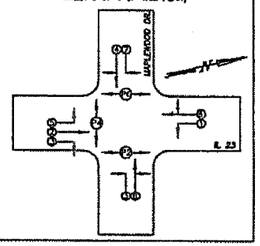
PEDESTRIAN TRAFFIC SIGNALS
The pedestrian traffic signals shall be mounted on traffic signal poles or pedestrian push-button posts, as indicated on the plans. Pedestrian push-button posts shall be mounted on galvanized steel pedestals.

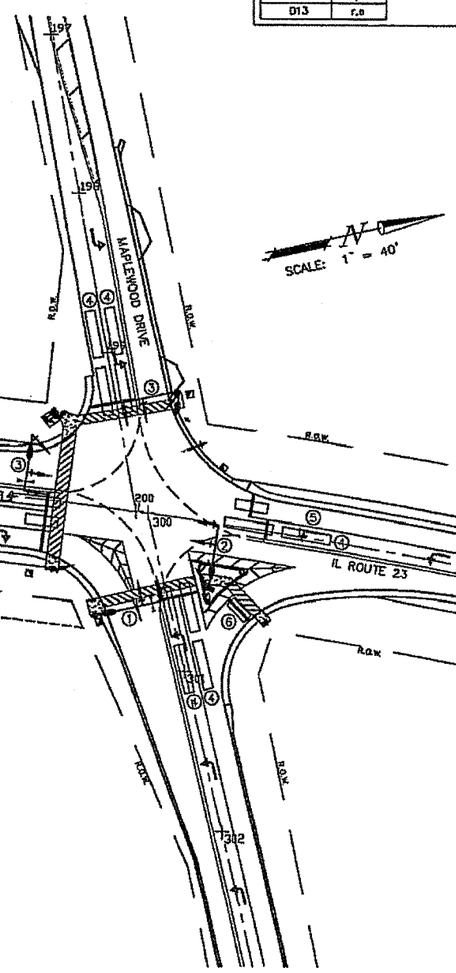
TRAFFIC SIGNAL HEADS
All traffic signal heads shall be equipped with L.E.D. (light emitting diode) lamps and polycarbonate housings.

FILL AND GRADING FOR EQUIPMENT BASES AND HANDHOLES
This item shall consist of: 1. providing fill material consisting of AGGREGATE BASE, TYPE B, at all locations of mast arm poles, signal posts, handholes, and the controller cabinet; 2. compacting the Aggregate Base in accordance with applicable portions of Section 351 of the State of Illinois Standard Specifications for Road and Bridge Construction; and, 3. shaping and grading the surface and side slopes as specified in the Plans and by the Engineer.
Existing pavement materials, topsoil, and other earth materials or debris unsuitable for providing support for equipment bases and handholes shall be removed and disposed of as directed by the Engineer and in accordance with applicable portions of Section 202 regarding earth excavation in the Standard Specifications.
Surface drainage around the location of equipment bases and handholes shall be maintained without impeding customary drainage flows. Temporary erosion control measures shall be provided at all stages of soil disturbance in accordance with applicable portions of Section 280 of the Standard Specifications.
The expense of excavation and erosion controls shall be considered as incidental to providing and grading the aggregate base fill for the equipment bases and handholes.

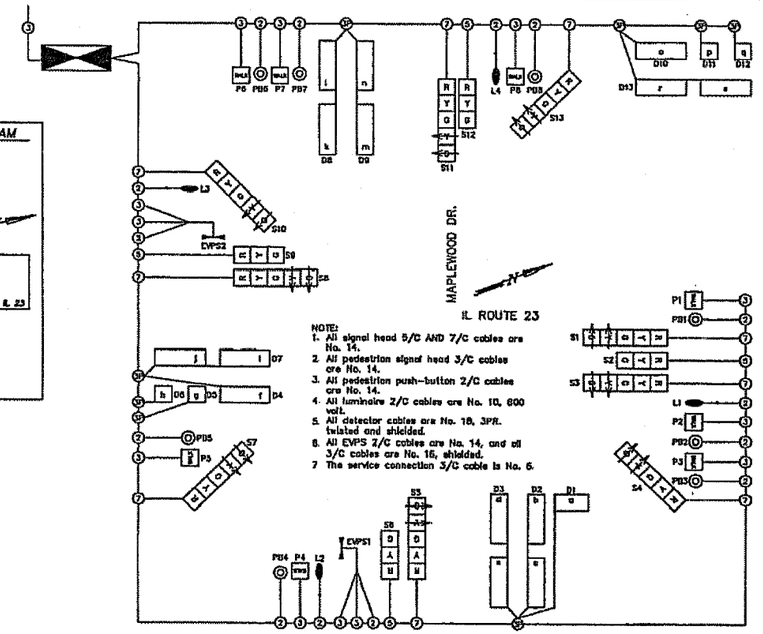
DETECTOR & LOOP ASSIGNMENTS	
DETECTOR	LOOPS
D1	a
D2	b,c
D3	d,e
D4	f
D5	g
D6	h
D7	i,j
D8	k,l
D9	m,n
D10	o
D11	p
D12	q
D13	r,s

PHASE DESIGNATION DIAGRAM
(ALSO SEE STANDARD DETAIL 857001, SHEET 3 OF 4 OF THIS PLAN)





SCALE: 1" = 40'



QUANTITIES

SIGNAL HEAD, L.E.D., POLY, 1-FACE, 5-SECTION, BRACKET MOUNT	4 EACH
SIGNAL HEAD, L.E.D., POLY, 1-FACE, 3-SECTION, MAST ARM MOUNT	4 EACH
SIGNAL HEAD, L.E.D., POLY, 1-FACE, 5-SECTION, MAST ARM MOUNT	5 EACH
TRAFFIC SIGNAL BACKPLATE, 3-SECTION	4 EACH
TRAFFIC SIGNAL BACKPLATE, 5-SECTION	9 EACH
PEDESTRIAN SIGNAL HEAD, L.E.D., 1-FACE, BRACKET MOUNT	4 EACH
PEDESTRIAN SIGNAL HEAD, L.E.D., 2-FACE, BRACKET MOUNT	2 EACH
PEDESTRIAN PUSH-BUTTON	8 EACH
STEEL COMBINATION MAST ARM ASSEMBLY AND POLE, 36'	2 EACH
STEEL COMBINATION MAST ARM ASSEMBLY AND POLE, 40'	1 EACH
STEEL COMBINATION MAST ARM ASSEMBLY AND POLE, 44'	1 EACH
TRAFFIC SIGNAL POST, 10-FOOT, GALVANIZED STEEL	2 EACH
TRAFFIC SIGNAL POST, 18-FOOT, GALVANIZED STEEL	2 EACH
EMERGENCY VEHICLE PRIORITY SYSTEM (EVPS), 2-WAY, W/CONFIRMATION BEACON	2 EACH
LUMINAIRE, HORIZONTAL MOUNT, HPS, 310 WATT, PHOTOCELL CONTROL	4 EACH
MAST ARM MOUNTED STREET NAME SIGNS	44 S.F.
FULL-ACTUATED CONTROLLER AND TYPE IV CABINET	1 EACH
RELOCATE CONTROLLER FOR FLASHING SCHOOL ZONE BEACONS	1 L.S.
SERVICE INSTALLATION, TY B	1 EACH
INDUCTIVE LOOP DETECTOR	12 EACH
DETECTOR LOOP, TY I	1470 L.F.
CONDUIT IN TRENCH, PVC, 1-1/2"	805 L.F.
CONDUIT IN TRENCH, PVC, 3"	50 L.F.
CONDUIT IN TRENCH, PVC, 2-1/2"	95 L.F.
CONDUIT IN TRENCH, PVC, 4"	60 L.F.
CONDUIT, PUSHED, PVC, 1-1/2"	130 L.F.
CONDUIT, PUSHED, PVC, 4"	255 L.F.
ELECTRICAL CABLE IN CONDUIT, SIGNALS, NO. 14, 5/C	735 L.F.
ELECTRICAL CABLE IN CONDUIT, SIGNALS, NO. 14, 7/C	1650 L.F.
ELECTRICAL CABLE IN CONDUIT, PEDESTRIAN SIGNALS, NO. 14, 3/C	1290 L.F.
ELECTRICAL CABLE IN CONDUIT, PEDESTRIAN PUSH-BUTTONS, NO. 14, 2/C	1290 L.F.
ELECTRICAL CABLE IN CONDUIT, FLASHING SCHOOL ZONE BEACONS, NO. 14, 3/C	765 L.F.
ELECTRICAL CABLE IN CONDUIT, LUMINAIRES, NO. 10, 2/C, 600 VOLT	730 L.F.
ELECTRIC CABLE IN CONDUIT, DETECTORS, NO. 18, 3/C, 3 MIL TWISTED & SHIELDED	2035 L.F.
ELECTRIC CABLE IN CONDUIT, EVPS, NO. 14, 2/C	310 L.F.
ELECTRIC CABLE IN CONDUIT, EVPS, NO. 16, 3/C, SHIELDED	620 L.F.
CONCRETE FOUNDATION, POST, TY A	9 L.F.
CONCRETE FOUNDATION, POLE, TY E	54 L.F.
CONCRETE FOUNDATION, CONTROLLER, TY B	4 L.F.
HANDHOLE	8 EACH
DOUBLE HANDHOLE	1 EACH
AGGREGATE BASE, TYPE B	500 C.Y.
TRENCH AND BACKFILL FOR ELECTRICAL WORK	875 L.F.

TRAFFIC SIGNAL LEGEND (SHEETS 1, 2 & 3)

- TRAFFIC SIGNAL HEAD WITH BACKPLATE (total-13)
- PEDESTRIAN SIGNAL HEAD (total-8)
- LUMINAIRE (total-4)
- 2-WAY PRIORITY VEHICLE DETECTOR (total-2)
- 30'x6' INDUCTIVE LOOP DETECTOR (total-12)
- 20'x6' INDUCTIVE LOOP DETECTOR (total-2)
- 15'x6' INDUCTIVE LOOP DETECTOR (total-1)
- 6'x6' INDUCTIVE LOOP DETECTOR (total-4)
- HANDHOLE (total-8)
- DOUBLE HANDHOLE (total-1)
- CONTROLLER & CABINET (total-1)
- EXISTING POWER POLE FOR ELECTRICAL CONNECTION
- ELECTRICAL POWER DISCONNECT & FLASHING BEACON CONTROLLER (total-1 each)
- FUTURE LOCATION OF FLASHING SCHOOL ZONE BEACON (total-2)
- FUTURE P.C.C. SIDEWALK AT CROSS-WALK OR PEDESTRIAN SIGNAL PUSH-BUTTON POST

① STEEL COMBINATION MAST ARM & POLE 44' (total-1)
② STEEL COMBINATION MAST ARM & POLE 40' (total-1)
③ STEEL COMBINATION MAST ARM & POLE 36' (total-2)
④ 30'x6' | 30'x6' (6 lanes)
⑤ 185' — 185' — 20'x6' | 6'x6' | 5'x6' (2 lanes)
⑥ 15'x6' (1 lane)

2" — PCU* / 2" GS(PVC)** — * length of pushed (trenched) conduit, ** inside diam. of galv. st. (pvc) conduit

REV. 03/2004 BY DLK PER IDOT REVIEW
REV. 08/02/03 BY DLK PER IDOT REVIEW
REV. 05/19/03 BY DLK PER IDOT REVIEW
REV. 04/30/03 BY DLK
REV. 12/18/02 BY DLK PER IDOT COMMENTS
REV. 11/27/02 BY DLK PER IDOT REVIEW

CES (CIVIL ENGINEERING SERVICES) INC.
CIVIL ENGINEERING SERVICES
700 WEST LOCUST ST., BELVIDERE, IL 61008
(815)-547-9439 FAX: (815)-544-0421

IL 23/MAPLEWOOD IMPROVEMENTS

DRAWN BY	DATE	SHEET
DLK	09/10/02	15
CHECKED BY	DATE	
KCB	09/10/02	

DS1026 SIGNAL_PLAN.DWG

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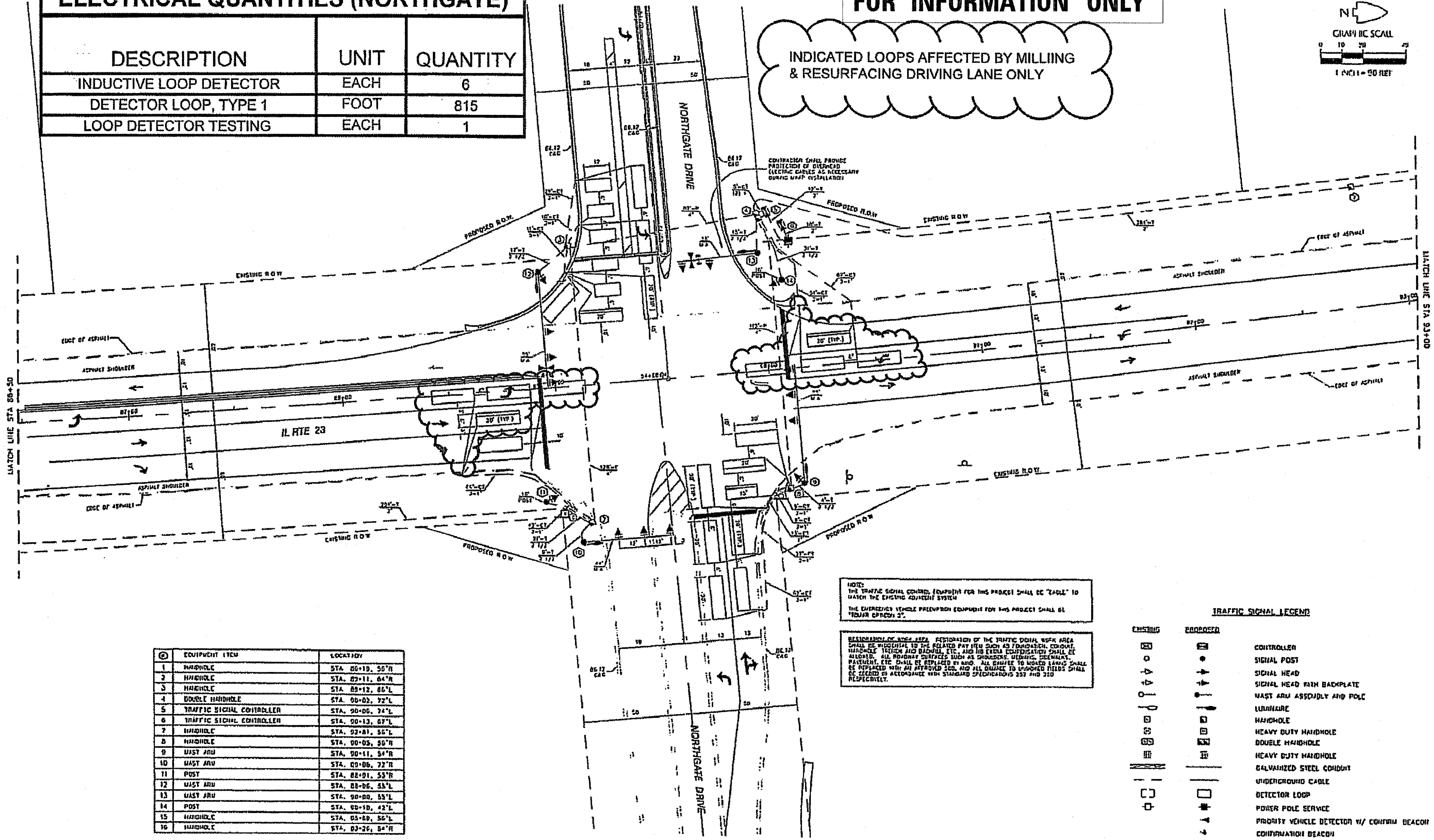
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
324	(25,26)RS-3	DEKALB	24	21
		CONTRACT NO. 66676		
FED. ROAD DIST. NO. 4	ILLINOIS	FED. AID PROJECT		

ELECTRICAL QUANTITIES (NORTHGATE)

DESCRIPTION	UNIT	QUANTITY
INDUCTIVE LOOP DETECTOR	EACH	6
DETECTOR LOOP, TYPE 1	FOOT	815
LOOP DETECTOR TESTING	EACH	1

FOR INFORMATION ONLY

INDICATED LOOPS AFFECTED BY MILLIING & RESURFACING DRIVING LANE ONLY



⓪	EQUIPMENT ITEM	LOCATION
1	HANDHOLE	STA. 88+10, 50'R
2	HANDHOLE	STA. 89+11, 64'R
3	HANDHOLE	STA. 89+12, 65'L
4	DOUBLE HANDHOLE	STA. 00+02, 72'L
5	TRAFFIC SIGNAL CONTROLLER	STA. 90+06, 74'L
6	TRAFFIC SIGNAL CONTROLLER	STA. 90+13, 67'L
7	HANDHOLE	STA. 93+81, 56'L
8	HANDHOLE	STA. 00+05, 50'R
9	MAST ARM	STA. 90+11, 54'R
10	MAST ARM	STA. 09+06, 72'R
11	POST	STA. 88+91, 53'R
12	MAST ARM	STA. 88+06, 55'L
13	MAST ARM	STA. 90+00, 55'L
14	POST	STA. 90+10, 42'L
15	HANDHOLE	STA. 05+60, 56'L
16	HANDHOLE	STA. 03+26, 54'R

TRAFFIC SIGNAL LEGEND

EXISTING / PROPOSED

- CONTROLLER
- SIGNAL POST
- SIGNAL HEAD
- SIGNAL HEAD WITH BACKPLATE
- MAST ARM ASSEMBLY AND POLE
- LUMINAIRE
- HANDHOLE
- HEAVY DUTY HANDHOLE
- DOUBLE HANDHOLE
- HEAVY DUTY HANDHOLE
- GALVANIZED STEEL CONDUIT
- UNDERGROUND CABLE
- DETECTOR LOOP
- POWER POLE SERVICE
- PRIORITY VEHICLE DETECTOR W/ CONFIRM BEACON
- CONFIRMATION BEACON
- WOOD POLE
- EQUIPMENT NUMBER

PREPARED FOR: WENDLER ENGINEERING SERVICES, INC

PREPARED BY: WESTERN SURVEYING & ENGINEERING P.C.

IL ROUTE 23 & NORTHGATE DRIVE IMPROVEMENTS – TRAFFIC SIGNAL LAYOUT

DEKALB COUNTY, ILLINOIS

SHEET 3 OF 11

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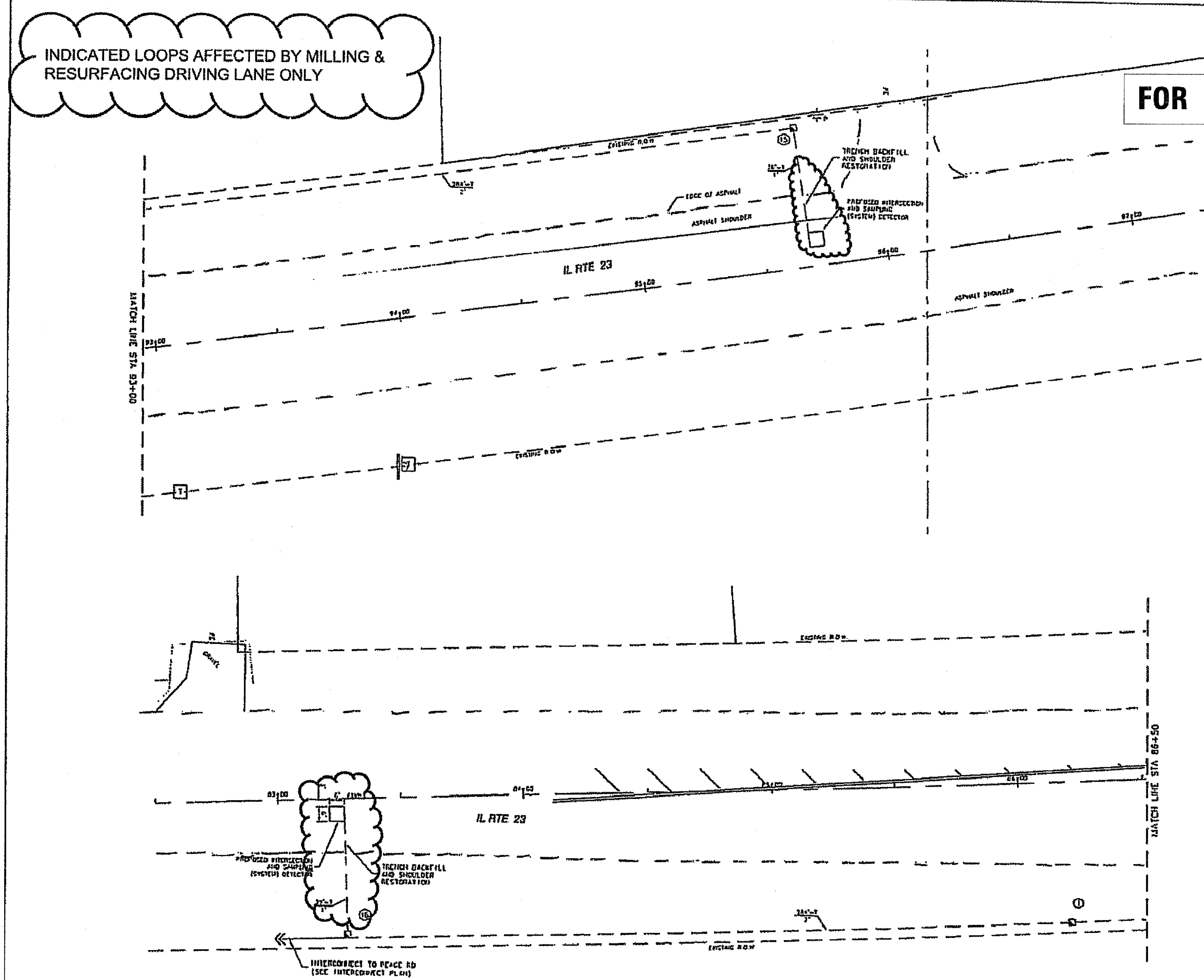
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DETECTOR LOOP DETAILS – NORTHGATE

SCALE: SHEET NO. OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
324	(25,26)RS-3	DEKALB	24	22
		CONTRACT NO. 66676		

FED. ROAD DIST. NO. 4 | ILLINOIS | FED. AID PROJECT



FOR INFORMATION ONLY

N

GRAPHIC SCALE

1 INCH = 20 FT

TRAFFIC SIGNAL LEGEND

EXISTING	PROPOSED	
		CONTROLLER
		SIGNAL POST
		SIGNAL HEAD
		SIGNAL HEAD WITH BACKPLATE
		MAST ARM ASSEMBLY AND POLE
		LUMINAIRE
		HANDHOLE
		HEAVY DUTY HANDHOLE
		DOUBLE HANDHOLE
		HEAVY DUTY HANDHOLE
		GALVANIZED STEEL CONDUIT
		UNDERGROUND CABLE
		DETECTOR LOOP
		POWER POLE SERVICE
		PRIORITY VEHICLE DETECTOR W/ CONFIRM BEACON
		CONFIRMATION BEACON
		WOOD POLE
		EQUIPMENT NUMBER

RESTORATION OF WORK AREA. RESTORATION OF THE TRAFFIC SIGNAL WORK AREA SHALL BE INCIDENTAL TO THE RELATED PAY ITEM SUCH AS FOUNDATION, CONDUIT, HANDHOLE, TRENCH AND BACKFILL, ETC., AND NO EXTRA COMPENSATION SHALL BE ALLOWED. ALL ROADWAY SURFACES SUCH AS SHOULDERS, MEDIANS, SIDEWALKS, PAVEMENT, ETC. SHALL BE REPLACED IN KIND. ALL DAMAGE TO MOWED LAWNS SHALL BE REPLACED WITH AN APPROVED SOD, AND ALL DAMAGE TO UNMOWED FIELDS SHALL BE SEEDED IN ACCORDANCE WITH STANDARD SPECIFICATIONS 252 AND 250 RESPECTIVELY.

PREPARED FOR:
WENDLER ENGINEERING SERVICES, INC

PREPARED BY:
WESTERN SURVEYING & ENGINEERING, P.C.

IL ROUTE 23 & NORTHGATE DRIVE IMPROVEMENTS – TRAFFIC SIGNAL LAYOUT

DEKALB COUNTY, ILLINOIS

SHEET 4 OF 11

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

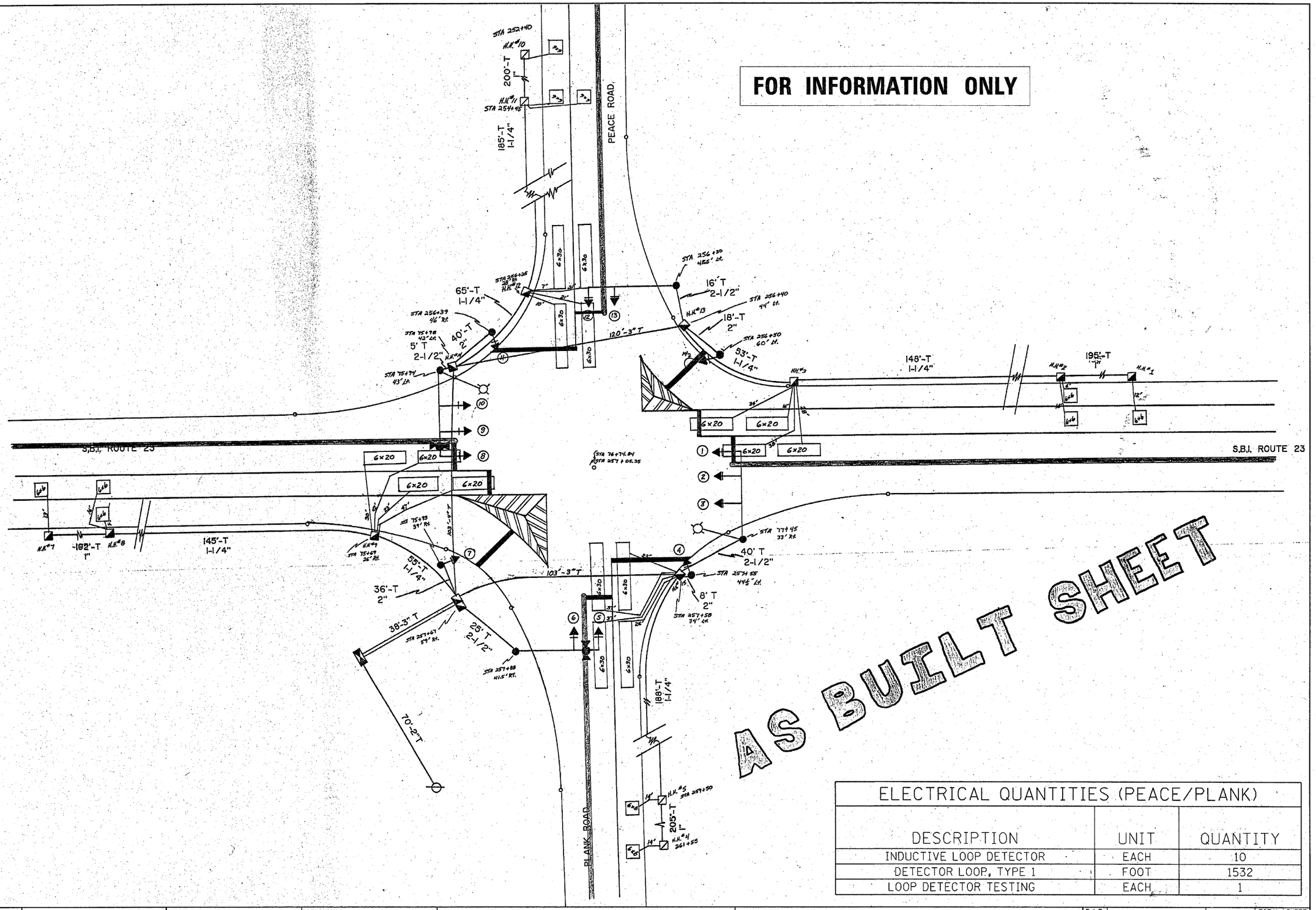
DETECTOR LOOP DETAILS – NORTHGATE

SCALE: SHEET NO. OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
324	(25,26)RS-3	DEKALB	24	23
		CONTRACT NO. 66676		

FED. ROAD DIST. NO. 4 | ILLINOIS | FED. AID PROJECT

FOR INFORMATION ONLY



AS BUILT SHEET

ELECTRICAL QUANTITIES (PEACE/PLANK)

DESCRIPTION	UNIT	QUANTITY
INDUCTIVE LOOP DETECTOR	EACH	10
DETECTOR LOOP, TYPE 1	FOOT	1532
LOOP DETECTOR TESTING	EACH	1

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DETECTOR LOOP DETAILS – PLANK/PEACE

SCALE: | SHEET NO. OF SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
324	(25,26)RS-3	DEKALB	24	24
		CONTRACT NO. 66676		
FED. ROAD DIST. NO. 4	ILLINOIS	FED. AID PROJECT		