

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

**PROPOSED
HIGHWAY PLANS**

FAP ROUTE 317 (U.S. 24/U.S. 45)
SECTION (36,21)RS

**3P MILLING AND RESURFACING
IROQUOIS COUNTY**

C-93-091-14

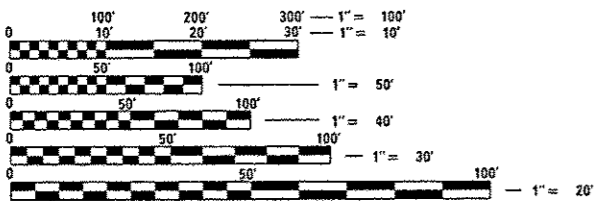
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
317	(36,21)RS	IROQUOIS	16	1
		ILLINOIS	CONTRACT NO. 66D69	

INDEX OF SHEETS

- 1 COVER SHEET
- 2 GENERAL NOTES
- 3-5 SUMMARY OF QUANTITIES
- 6-7 TYPICAL SECTIONS
- 8-9 SCHEDULES
- 10-13 DETAILS
- 14-16 EXISTING PAVEMENT MARKINGS

HIGHWAY STANDARDS

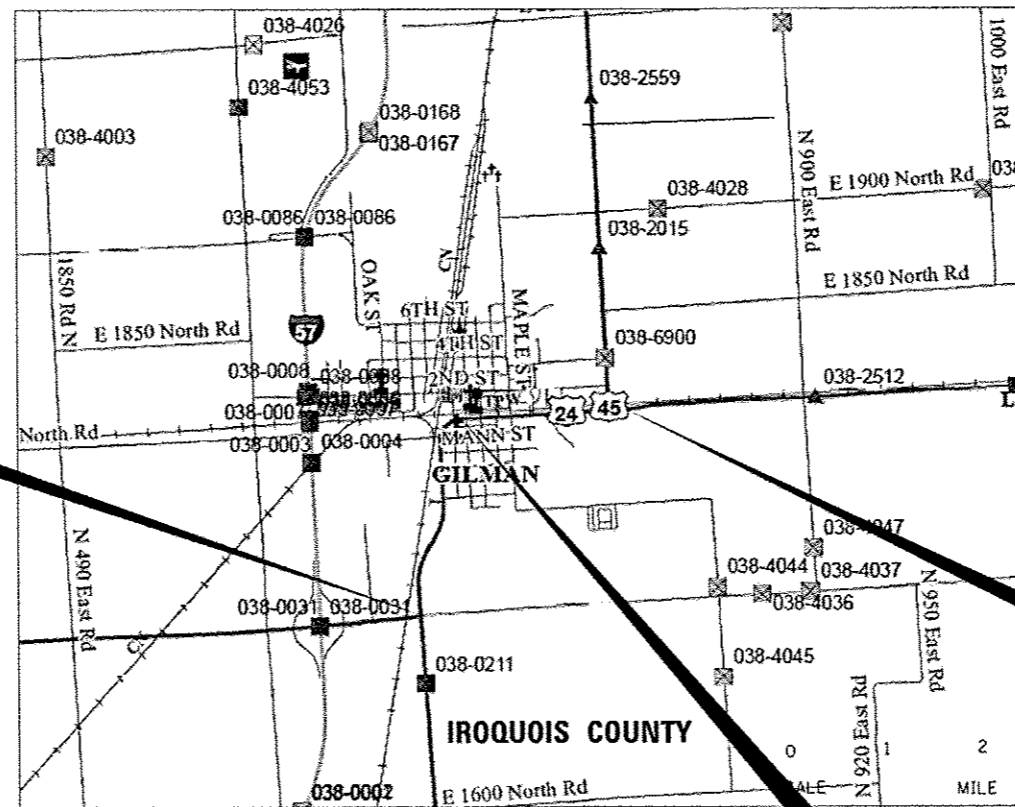
- 000001-06 STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
- 001008 DECIMAL OF AN INCH AND OF A FOOT
- 424001-07 PERPENDICULAR CURB RAMPS FOR SIDEWALKS
- 606001-05 CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
- 667101-02 PERMANENT SURVEY MARKERS
- 701006-05 OFF-ROAD OPERATIONS 2L, 2W, 15' TO 24" FROM PAVEMENT EDGE
- 701301-04 LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
- 701306-03 LANE CLOSURE, 2L, 2W, SLOW MOVING OPERATIONS DAY ONLY, FOR SPEEDS ≥ 45 MPH
- 701311-03 LANE CLOSURE, 2L, 2W, MOVING OPERATIONS - DAY ONLY
- 701501-06 URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED
- 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



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.
UNIT CHIEF: DUANE LUKKARI, P.E.
DISTRICT 3 NO. (815) 434-6131
CONTRACT NO. 66D69



PROJECT BEGINS

STA. 4+81.40
U.S. 24/U.S. 45



PROJECT ENDS

STA. 107+68
U.S. 24/U.S. 45

STA. EQUATION:

STA. 60+72.27 BACK=
STA. 60+79.68 AHEAD

GROSS LENGTH = 9,924 FT. = 1.88 MILES
NET LENGTH = 9,456 FT. = 1.79 MILES



FUNCTIONAL CLASSIFICATION

OTHER PRINCIPAL ARTERIAL

2013 ADT = 6150

P.V. = 88% S.U. = 4.5% M.U. = 6.9%

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

SUBMITTED 6/10 20 14
Paul A. Justice
DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER
June 27 20 14
John D. Baranzelli, P.E.
ENGINEER OF DESIGN AND ENVIRONMENT
June 27 20 14
Cheroman, P.E.
DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

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OF THE STATE OF ILLINOIS

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 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 IDOT 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.

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

MEMBERS OF JULIE KNOWN TO BE WITHIN THE LIMITS OF THE IMPROVEMENT ARE:

NON-MEMBERS OF JULIE KNOWN TO BE WITHIN THE LIMITS OF THE IMPROVEMENT ARE:

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

COMMITMENTS:

ENVIRONMENTAL COORDINATION

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DISTRICT THREE

PREPARED BY: David E. Blonick
DISTRICT STUDIES & PLANS ENGINEER

DATE: JUNE 10, 2014

EXAMINED BY: Heath J...
DISTRICT CONSTRUCTION ENGINEER

[Signature]
DISTRICT MATERIALS ENGINEER

[Signature]
DISTRICT OPERATIONS ENGINEER

FILE NAME *	USER NAME * Schwankeg	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	GENERAL NOTES	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
c:\p\work\psidot\schwankeg\d0380229\066069-sh1-dote1a.dgn	DRAWN -	REVISED -	317			(36,21)RS	IRRODUIS	16	2	
PLOT SCALE * 100.0000 ' / in.	CHECKED -	REVISED -	CONTRACT NO. 66069							
PLOT DATE * 6/9/2014	DATE -	REVISED -	ILLINOIS FED. AID PROJECT							
		SCALE:		SHEET OF SHEETS STA. TO STA.						

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTR. CODE	
				100% STATE	
				ROADWAY	
				0005	RURAL
40600400	MIXTURE FOR CRACKS, JOINTS, AND FLANGEWAYS	TON	9		9
40600527	LEVELING BINDER (HAND METHOD), IL-9.5FG, N50	TON	14		14
40600627	LEVELING BINDER (MACHINE METHOD), IL-9.5FG, N50	TON	1216		1216
40600990	TEMPORARY RAMP	SQ YD	320		320
40603335	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50	TON	2431		2431
42400100	PORTLAND CEMENT CONCRETE SIDEWALK 4 INCH	SO FT	100		100
42400800	DETECTABLE WARNINGS	SO FT	10		10
44000158	HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/4"	SO YD	28,943		28,943
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	20		20
44000600	SIDEWALK REMOVAL	SO FT	80		80
60605000	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24	FOOT	20		20
66700205	PERMANENT SURVEY MARKERS, TYPE I	EACH	4		4
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	3		3
67100100	MOBILIZATION	L SUM	1		1

14

FILE NAME =	USER NAME = lukkaridp	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES				F.A.P. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
c:\pwork\pwork\dot\lukkaridp\0300229\030069-ans-details.dgn	DRAWN -	REVISED -	317						136,21RS	IROQUOIS	16	3	
PLOT SCALE = 1/8" = 1'	CHECKED -	REVISED -	SCALE: SHEET OF SHEETS STA. TO STA.					ILLINOIS FED. AID PROJECT		CONTRACT NO. 66069			
PLOT DATE = 6/18/2014	DATE -	REVISED -											

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTR. CODE 100% STATE	
				ROADWAY 0005	RURAL
70100460	TRAFFIC CONTROL AND PROTECTION, STANDARD 701306	L SUM	1	1	
70102620	TRAFFIC CONTROL AND PROTECTION, STANDARD 701501	L SUM	1	1	
70102640	TRAFFIC CONTROL AND PROTECTION, STANDARD 701801	L SUM	1	1	
70300100	SHORT TERM PAVEMENT MARKING	FOOT	1016	1016	
70300210	TEMPORARY PAVEMENT MARKING LETTERS AND SYMBOLS	SQ FT	139	139	
70300220	TEMPORARY PAVEMENT MARKING - LINE 4"	FOOT	8079	8079	
70300240	TEMPORARY PAVEMENT MARKING - LINE 6"	FOOT	2058	2058	
70300250	TEMPORARY PAVEMENT MARKING - LINE 8"	FOOT	367	367	
70300260	TEMPORARY PAVEMENT MARKING - LINE 12"	FOOT	517	517	
70300280	TEMPORARY PAVEMENT MARKING - LINE 24"	FOOT	92	92	
70301000	WORK ZONE PAVEMENT MARKING REMOVAL	SQ FT	339	339	
* 78008200	POLYUREA PAVEMENT MARKING TYPE I - LETTERS AND SYMBOLS	SQ FT	139	139	
* 78008210	POLYUREA PAVEMENT MARKING TYPE I - LINE 4"	FOOT	8079	8079	
* 78008230	POLYUREA PAVEMENT MARKING TYPE I - LINE 6"	FOOT	2058	2058	

14
* SPECIALTY ITEMS

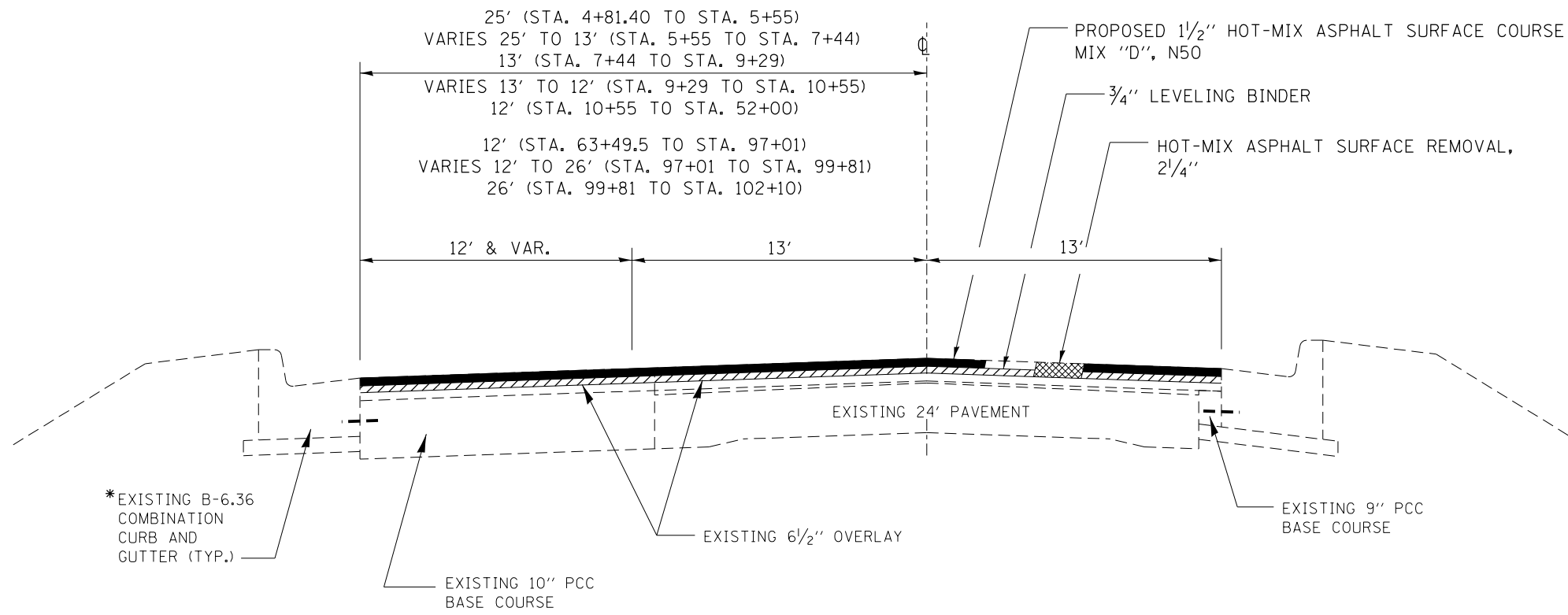
FILE NAME =	USER NAME = lukharidp	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
c:\pvc\work\pvidot\lukharidp\d238224\03	6609-shit-details.dgn	DRAWN -	REVISED -						317	(36.21)RS	(ROOUOIS	16	4
PLOT SCALE = 100.0000' / 1"	CHECKED -	REVISED -			SCALE:	SHEET	OF	SHEETS	STA.	TO	STA.	ILLINOIS FED. AID PROJECT	
PLOT DATE = 6/19/2014	DATE -	REVISED -			CONTRACT NO. 66069								

103 1 13

CONSTR. CODE
100% STATE

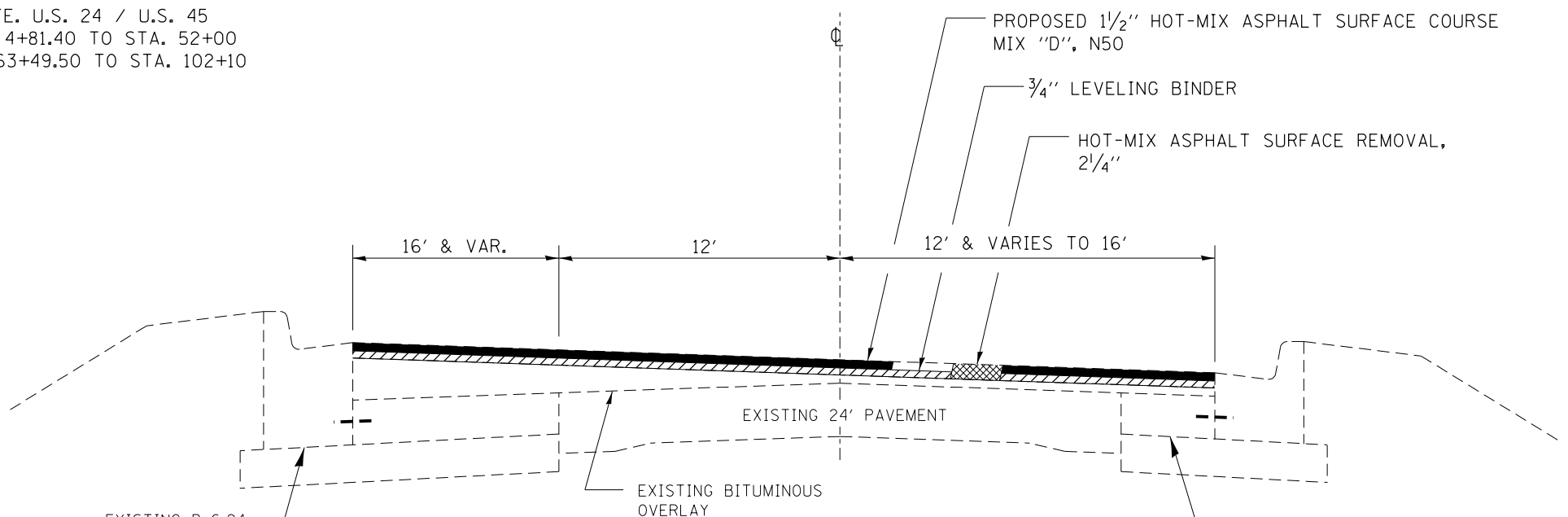
CODE NO.	ITEM	UNIT	TOTAL QUANTITY	ROADWAY	
				0005	RURAL
* 78008240	POLYUREA PAVEMENT MARKING TYPE I - LINE 8"	FOOT	449	449	
* 78008250	POLYUREA PAVEMENT MARKING TYPE I - LINE 12"	FOOT	579	579	
* 78008270	POLYUREA PAVEMENT MARKING TYPE I - LINE 24"	FOOT	92	92	
* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	132	132	
* 78200300	PRISMATIC CURB REFLECTOR	EACH	11	11	
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	132	132	
X4060110	BITUMINOUS MATERIALS (PRIME COAT)	POUND	19,536	19,536	
Z0030850	TEMPORARY INFORMATION SIGNING	SO FT	84	84	
Z0034105	MATERIAL TRANSFER DEVICE	TON	2431	2431	

* SPECIALTY ITEMS



*EXISTING B-6.24
 COMBINATION CURB
 AND GUTTER (TYP.)
 STA. 4+81.4 TO STA. 9+29

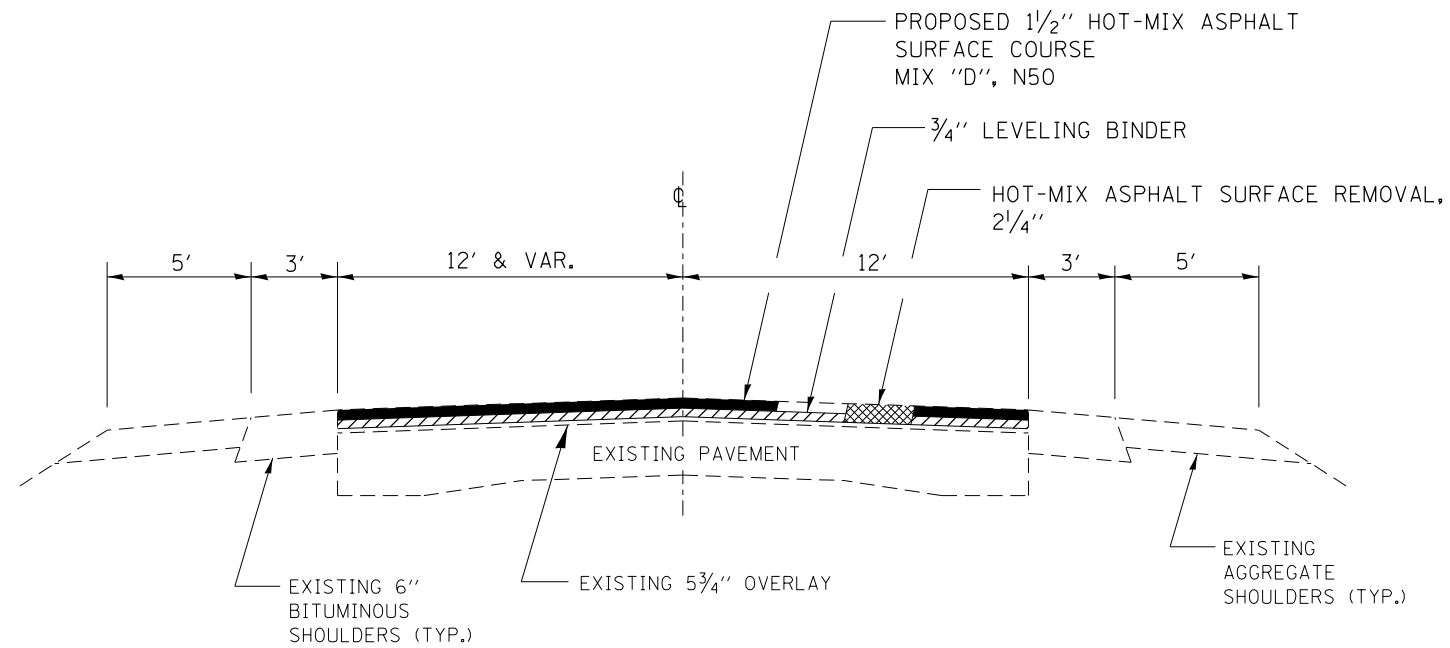
TYPICAL SECTION 1
 RTE. U.S. 24 / U.S. 45
 STA. 4+81.40 TO STA. 52+00
 STA. 63+49.50 TO STA. 102+10



TYPICAL SECTION 2
 RTE. U.S. 24 / U.S. 45
 STA. 52+00 TO STA. 58+75.10

OMISSION: STA. 58+75.10 TO STA. 60+72.27 BK
 STA. 60+79.68 AH TO STA. 63+49.50

FILE NAME =	USER NAME = lukkeridp	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL SECTIONS			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
et:\pw\work\p\idot\lukkeridp\0380229\0386069-sh-t-details.dgn	DRAWN -	REVISED -	317					(36,21)RS	IRROUOIS	16	6	
PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -	CONTRACT NO. 66D69									
PLOT DATE = 6/10/2014	DATE -	REVISED -	ILLINOIS FED. AID PROJECT									
				SCALE:	SHEET NO.	OF	SHEETS	STA.	TO STA.			



TYPICAL SECTION 3

RTE. U.S. 24 / U.S. 45
 STA. 102+10 TO STA. 107+68

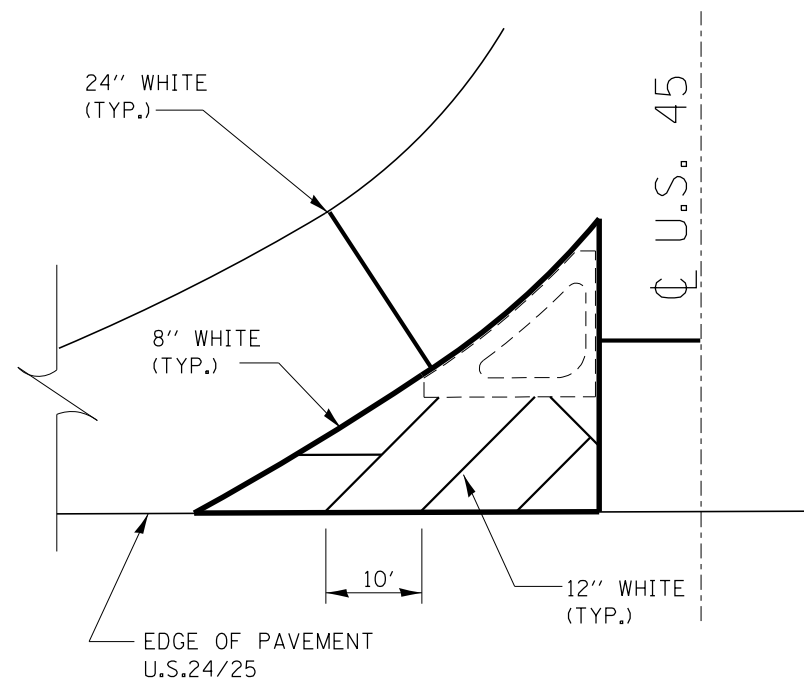
MIXTURES TABLE

	HMA SURFACE COURSE MIX "D", N50	HMA LEVELING BINDER, N50
PG GRADE	PG64-22	PG64-22
DESIGN AIR VOIDS	4.0% @ N50	4.0% @ N50
MIXTURE COMPOSITION	IL9.5	IL9.5FG
FRICTION AGGREGATE	MIXTURE D	
DENSITY TEST METHOD	CORES	CORES

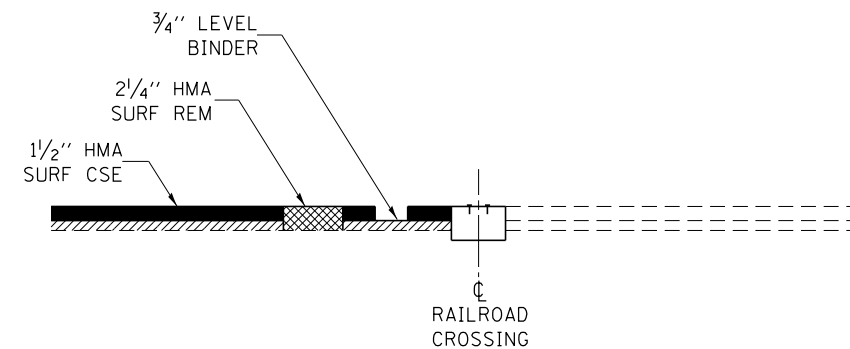
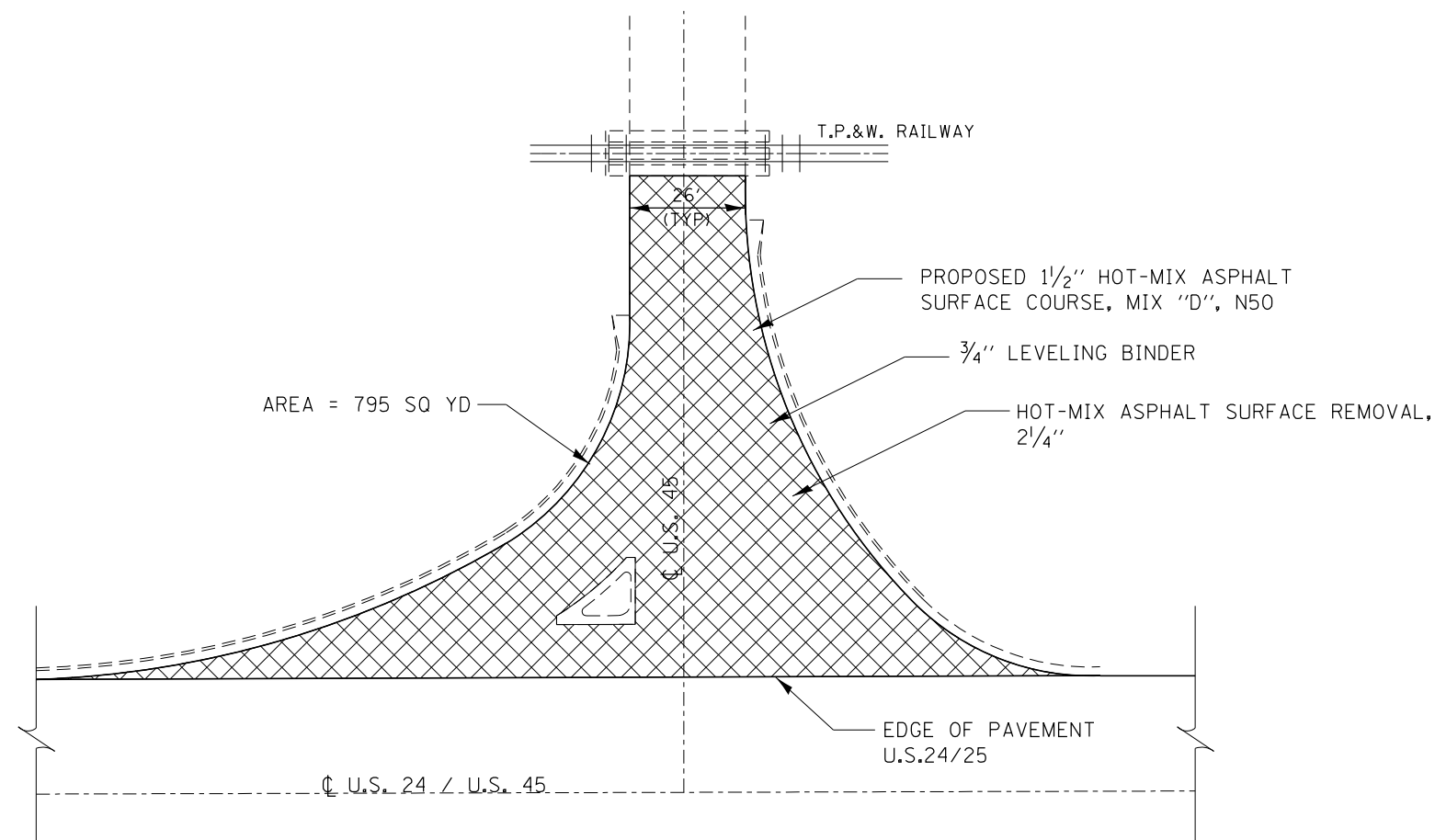
RESURFACING SCHEDULE												
LOCATION STA TO STA			LENGTH	WIDTH	AREA	HMA SC "D" N50 1 1/2"	LEV BIND (M.M.) N50 3/4"	BIT MATLS PR CT	MIX CR JTS FLANGEWYS	HMA SURF REM 2 1/4"	LEV BIND (H.M.) N50	TEMP RAMP
			FEET	FEET	SQ YD	TON	TON	POUND	TON	SQ YD	TON	SQ YD
U.S. 24/ U.S. 45												
STATION 4+81.40 - - AT JOINT BETWEEN CONCRETE PAVEMENT AND HMA PAVEMENT EAST OF U.S. 24												
4+81.40	TO	5+55.00	73.60	38	310.8	26.1	13.1	209.8	0.1	310.8	0.2	31.7
5+55.00	TO	7+44.00	189.00	38 VAR. TO 26	672.0	56.4	28.2	453.6	0.2	672.0	0.3	
7+44.00	TO	9+29.00	185.00	26	534.4	44.9	22.4	360.8	0.2	534.4	0.3	
9+29.00	TO	10+55.00	126.00	26 VAR. TO 24	350.0	29.4	14.7	236.3	0.1	350.0	0.2	
10+55.00	TO	52+00.00	4145.00	24	11053.3	928.5	464.2	7461.0	3.3	11053.3	5.5	80.0
52+00.00	TO	53+00.00	100.00	24 VAR. TO 32	311.1	26.1	13.1	210.0	0.1	311.1	0.2	
53+00.00	TO	55+96.58	296.58	32	1054.5	88.6	44.3	711.8	0.3	1054.5	0.5	
55+96.58	TO	58+36.59	240.01	32 VAR. TO 44	1013.4	85.1	42.6	684.0	0.3	1013.4	0.5	
58+36.59	TO	58+75.10	38.51	44	188.3	15.8	7.9	127.1	0.1	188.3	0.1	86.7
OMISSION - STA. 58+75.10 TO STA. 63+49.50												
STATION EQUATION 60+72.27 BK = 60+79.68 AH												
63+49.50	TO	97+01.00	3351.50	24	8937.3	750.7	375.4	6032.7	2.7	8937.3	4.5	60.0
97+01.00	TO	99+81.00	280.00	24 VAR. TO 38	964.4	81.0	40.5	651.0	0.3	964.4	0.5	
99+81.00	TO	102+10.00	229.00	38	966.9	81.2	40.6	652.7	0.3	966.9	0.5	
102+10.00	TO	106+00.00	390.00	38 VAR. TO 24	1343.3	112.8	56.4	906.8	0.4	1343.3	0.7	
106+00.00	TO	107+68.00	168.00	24	448.0	37.6	18.8	302.4	0.1	448.0	0.2	40.0
STA. 101+31.10 (U.S. 24/U.S. 45) = 0+00 (U.S. 45 TO NORTH)												
U.S. 45 (TO NORTH)												
0+26.00	TO	1+38.00	112.00	226 VAR. TO 26.00	795.0	66.8	33.4	536.6	0.2	795.0	0.4	21.5
TOTALS					28,943	2,431	1,216	19,536	9	28,943	14	320

SIDEWALK SCHEDULE FOR NEW HANDICAP RAMPS					
LOCATION	PC CONC SIDEWALK 4"	COMB CC&G B6.24	DETECTABLE WARNINGS	SIDEWALK REM	COMB CURB GUTTER REM
	SQ FT	FOOT	SQ FT	SQ FT	FOOT
S. THOMAS ST. SW	100	20	10	80	20
TOTALS	100	20	10	80	20

PAVEMENT MARKING																						
LOCATION		POLYUREA PAVEMENT MARKING									TEMPORARY PAVEMENT MARKING						RAISED REFLECTIVE PAVEMENT MARKERS	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	SHORT TERM PAVEMENT MARKING	WORK ZONE PAVEMENT MARKING REMOVAL	PRISMATIC CURB REFLECTORS	
		YELLOW 4"	WHITE 4"	YELLOW 6"	WHITE 6"	WHITE 8"	YELLOW 12"	WHITE 24"	LETTERS AND SYMBOLS	WHITE 4"	WHITE 4"	YELLOW 6"	WHITE 6"	WHITE 8"	YELLOW 12"	WHITE 24"						LETTERS AND SYMBOLS
STA. TO STA.	LENGTH	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	SQ FT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	SQ FT	EACH	EACH	FOOT	SQ FT	EACH
U.S. 24 / U.S. 45																						
STATION 4+81.40 - - AT JOINT BETWEEN CONCRETE PAVEMENT AND HMA PAVEMENT EAST OF U.S. 24																						
4+81.40 TO 5+55.00	73.60	147				74			15.6	147				74			16	6	6	8	2.7	
5+55.00 TO 7+45.00	190.00	380				48				380				48				20	20	20	6.7	
7+45.00 TO 8+62.00	117.00	234								234								12	12	12	4.0	
8+62.00 TO 55+96.60	4734.60	0		1180						0		1180								472	157.3	
55+96.60 TO 57+40.60	144.00	576								576						41		8	8	16	5.3	
57+40.60 TO 58+36.60	96.00	384				24	13			384				24	13			4	4	8	2.7	
58+36.60 TO 59+34.20	97.60	195				98			31.2	195				98			31	9	9	12	4.0	
59+34.20 TO 59+80.00	45.80	0								0												
59+80.00 TO 62+70.00	290.00	1160			68		156			1160			68		156			16	16	28	9.3	
62+70.00 TO 63+43.00	73.00	0								0												
63+43.00 TO 92+01.00	2858.00	0		710						0		710								284	94.7	
92+01.00 TO 97+01.00	500.00	500		50						500		50						1	1	52	17.3	
97+01.00 TO 98+85.00	184.00	736					55			736					55			10	10	20	6.7	
98+85.00 TO 99+81.00	96.00	384				24	42			384			24	42				4	4	8	2.7	
99+81.00 TO 100+81.00	100.00	200				100			31	200			100			31		9	9	12	4.0	
100+81.00 TO 101+80.00	99.00	0								0												
101+80.00 TO 102+10.00	30.00	120					39			120					39			12	12	4	1.3	
102+10.00 TO 105+83.00	373.00	1492	746				171			1492	746				171			18	18	40	13.3	
105+83.00 TO 107+68.00	185.00	185	370	50						185	370	50						1	1	16	5.3	
STA. 101+31.10 (U.S. 24/U.S. 45) = 0+00 (U.S. 45 TO NORTH)																						
U.S. 45 (TO NORTH)																						
0+00.00 TO 0+61.00	61.00	0								0												
0+61.00 TO 1+40.00	79.00	228	42			82	62	68	61	228	42				68	61		2	2	4	1.3	11
1+40.00 TO 1+60.00	20.00	0	0							0	0					24						
TOTAL		6921	1158	1990	68	449	579	92	139	6921	1158	1990	68	367	517	92	139	132	132	1016	339	11



**PAVEMENT MARKING
AT ISLAND
U.S. 45**



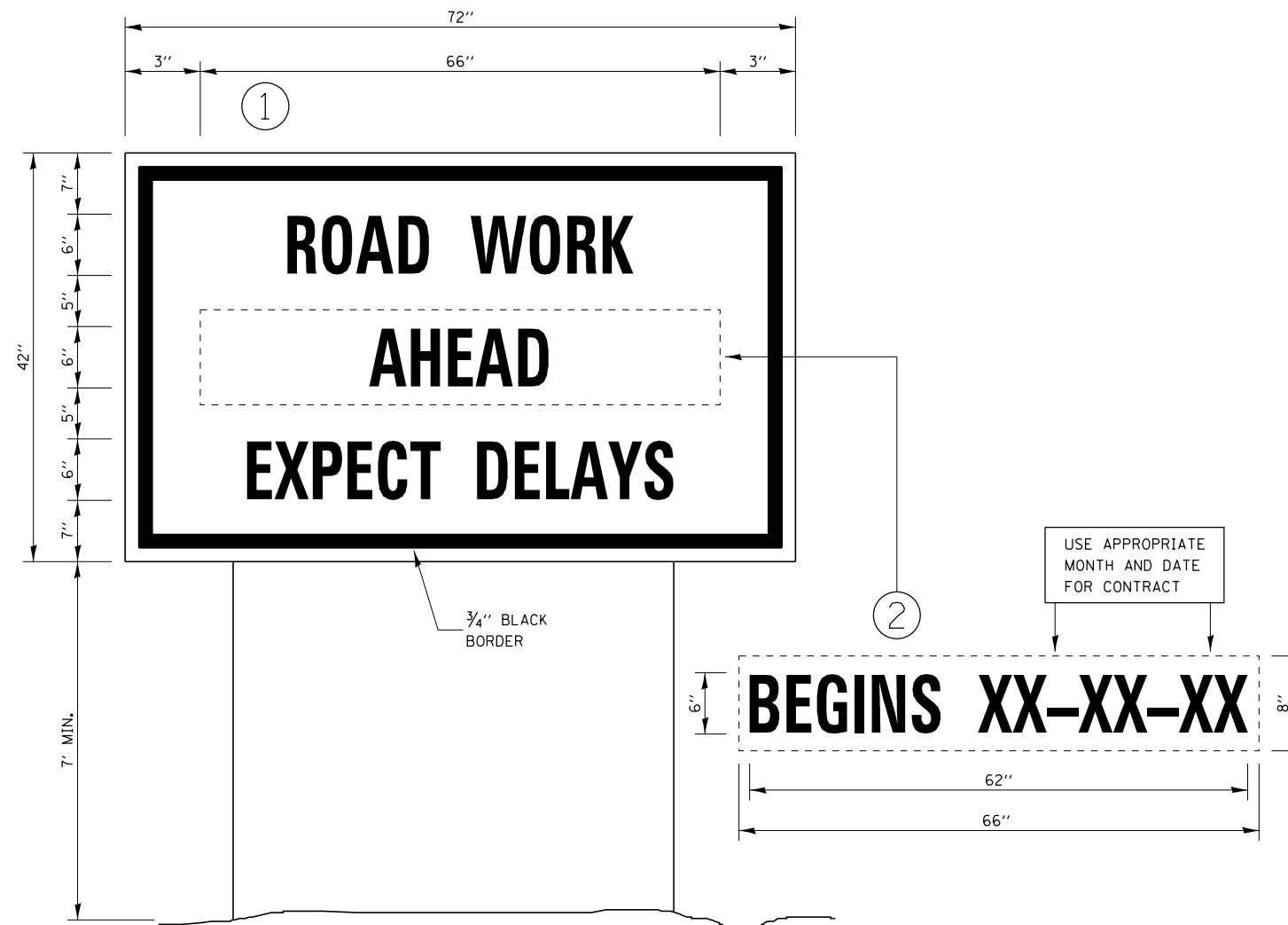
HMA SURFACE REMOVAL AT RAILROAD CROSSING

FILE NAME =	USER NAME = lukkeridp	DESIGNED -	REVISED -
et:\pw\work\p\idot\lukkeridp\d0380229\0386069-shd-details.dgn		DRAWN -	REVISED -
	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 6/10/2014	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

DETAILS			
SCALE:	SHEET	OF SHEETS	STA. TO STA.

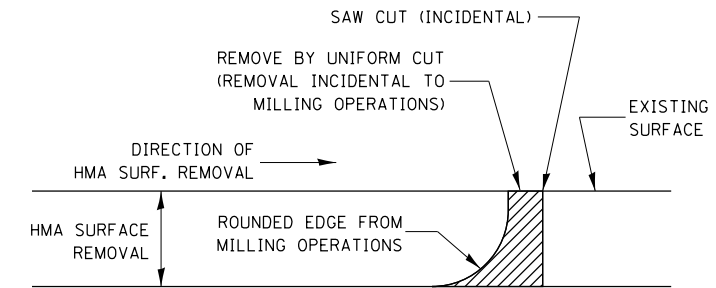
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
317	(36,21)RS	IROQUOIS	16	10
CONTRACT NO. 66D69				
ILLINOIS FED. AID PROJECT				



TEMPORARY INFORMATION SIGNING

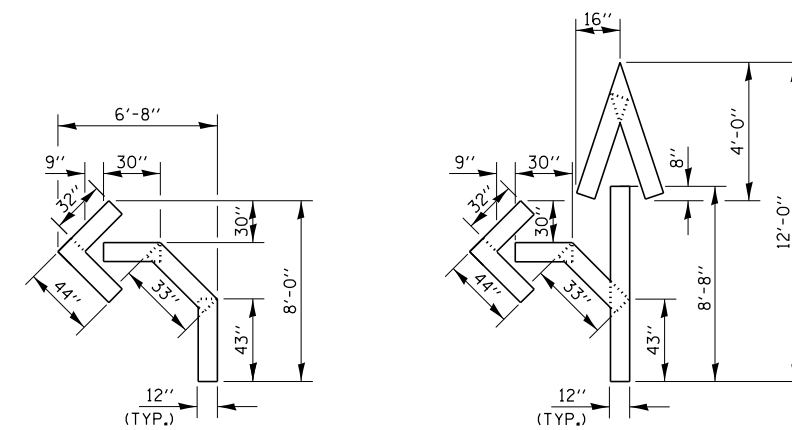
NOTES:

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



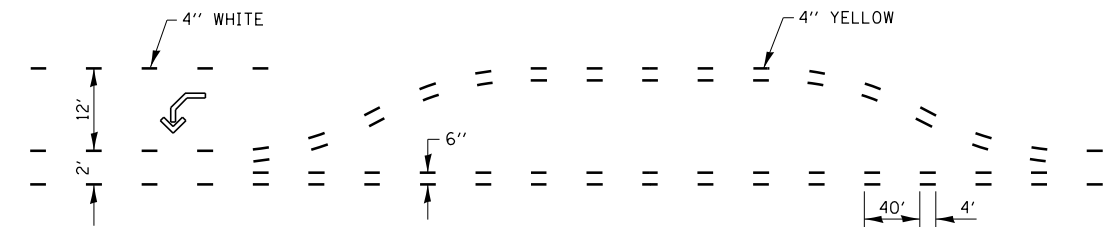
NOTE:
WHEN MILLING OPERATIONS PRODUCE A ROUNDED EDGE, THEN A SAW CUT SHALL BE USED TO MANUFACTURE A PERPENDICULAR EDGE AS SHOWN IN THE DETAIL. THE ENGINEER SHALL BE THE SOLE JUDGE CONCERNING THE USE OF THIS DETAIL.

HMA DETAIL AT BUTT JOINTS



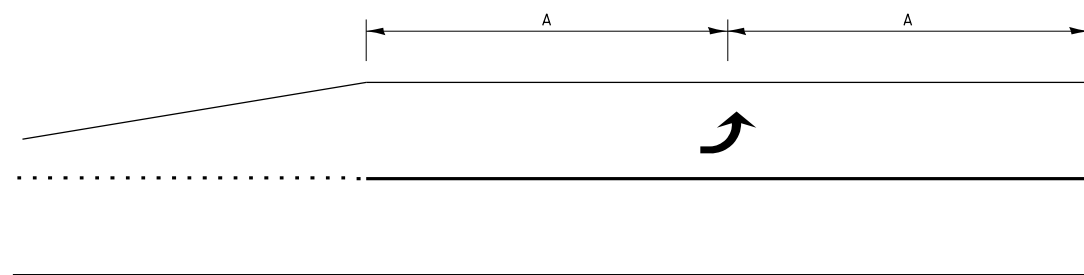
QUANTITY
12" LINE = 16 LIN. FT.
OR 4" LINE = 48 LIN. FT.

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

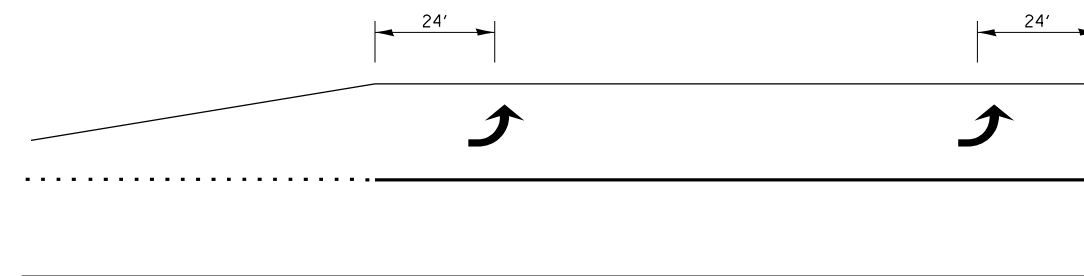


SHORT-TERM PAVEMENT MARKING FOR MEDIANS AND ARROWS

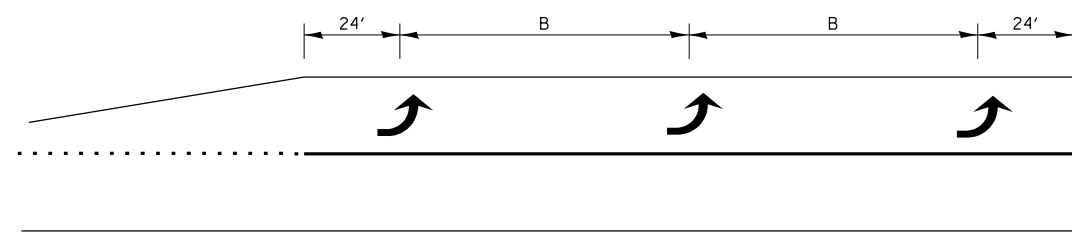
FILE NAME =	USER NAME = lukkaridp	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DETAILS	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
ei:\pw\work\p\idot\lukkaridp\d0380229\0386067-sh-t-details.dgn	DRAWN -	REVISED -	317			(36,21)RS	IROQUOIS	16	11	
PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -	CONTRACT NO. 66D69							
PLOT DATE = 6/10/2014	DATE -	REVISED -	ILLINOIS FED. AID PROJECT							
				SCALE:	SHEET OF SHEETS	STA.	TO STA.			



99' AND UNDER

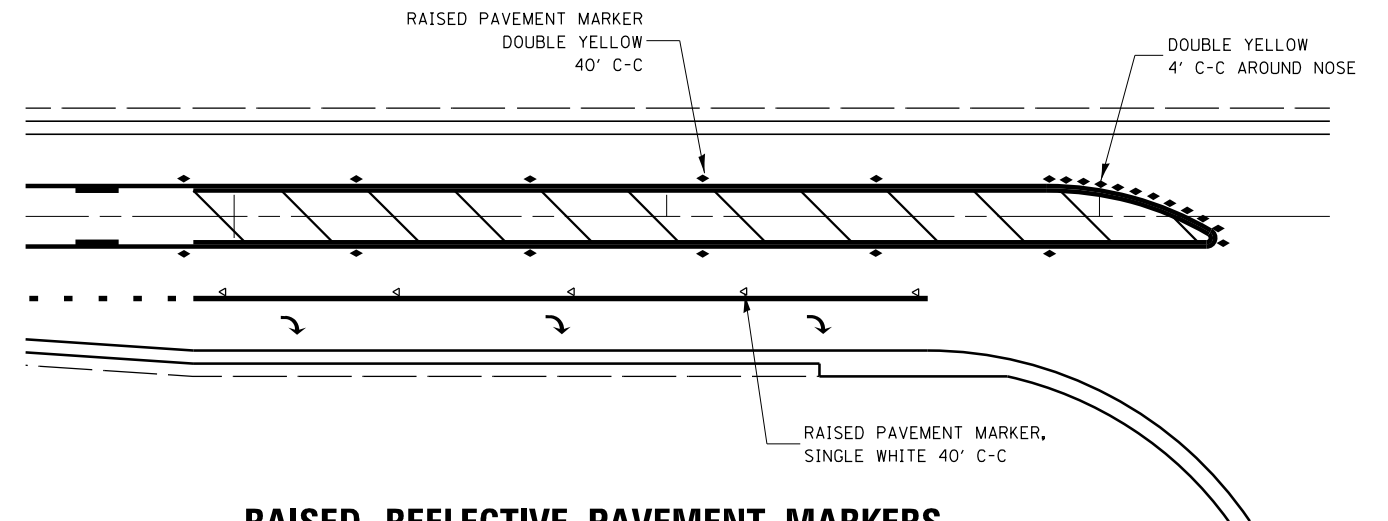


100' TO 149'

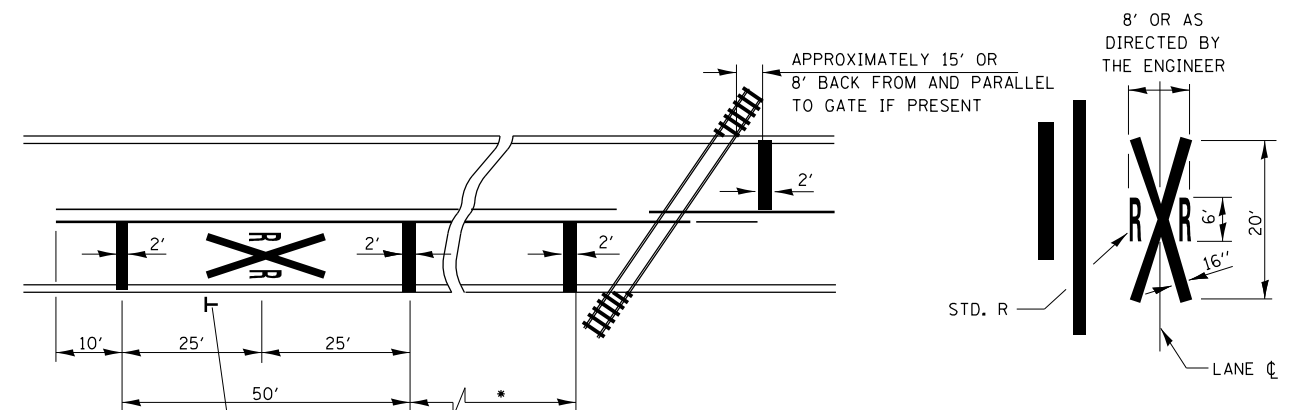


150' AND LONGER

**TYPICAL PLACEMENT OF ARROWS
IN TURN LANES**



**RAISED REFLECTIVE PAVEMENT MARKERS
RIGHT TURN LANE**



(W10-1)

* MINIMUM DISTANCE
400' FOR 55 MPH
250' FOR 45 MPH
100' FOR 35 MPH OR LESS

NOTES:
THE TRANSVERSE SPREAD OF THE "X"
MAY VARY ACCORDING TO LANE WIDTH.

ON MULTI-LANE ROADS, THE STOP LINES
SHALL EXTEND ACROSS ALL APPROACH
LANES AND SEPARATE RXR SYMBOLS SHALL
BE PLACED ADJACENT TO EACH OTHER
IN EACH LANE.

WHEN THE PAVEMENT MARKING SYMBOL
IS USED, A PORTION OF THE SYMBOL
SHOULD BE LOCATED DIRECTLY ADJACENT
TO THE ADVANCE WARNING SIGN (W10-1).

**PAVEMENT MARKINGS AT
RAILROAD-HIGHWAY GRADE CROSSING**

FILE NAME =	USER NAME = lukkeridp	DESIGNED -	REVISED -
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	PLOT DATE = 6/10/2014	DATE -	REVISED -

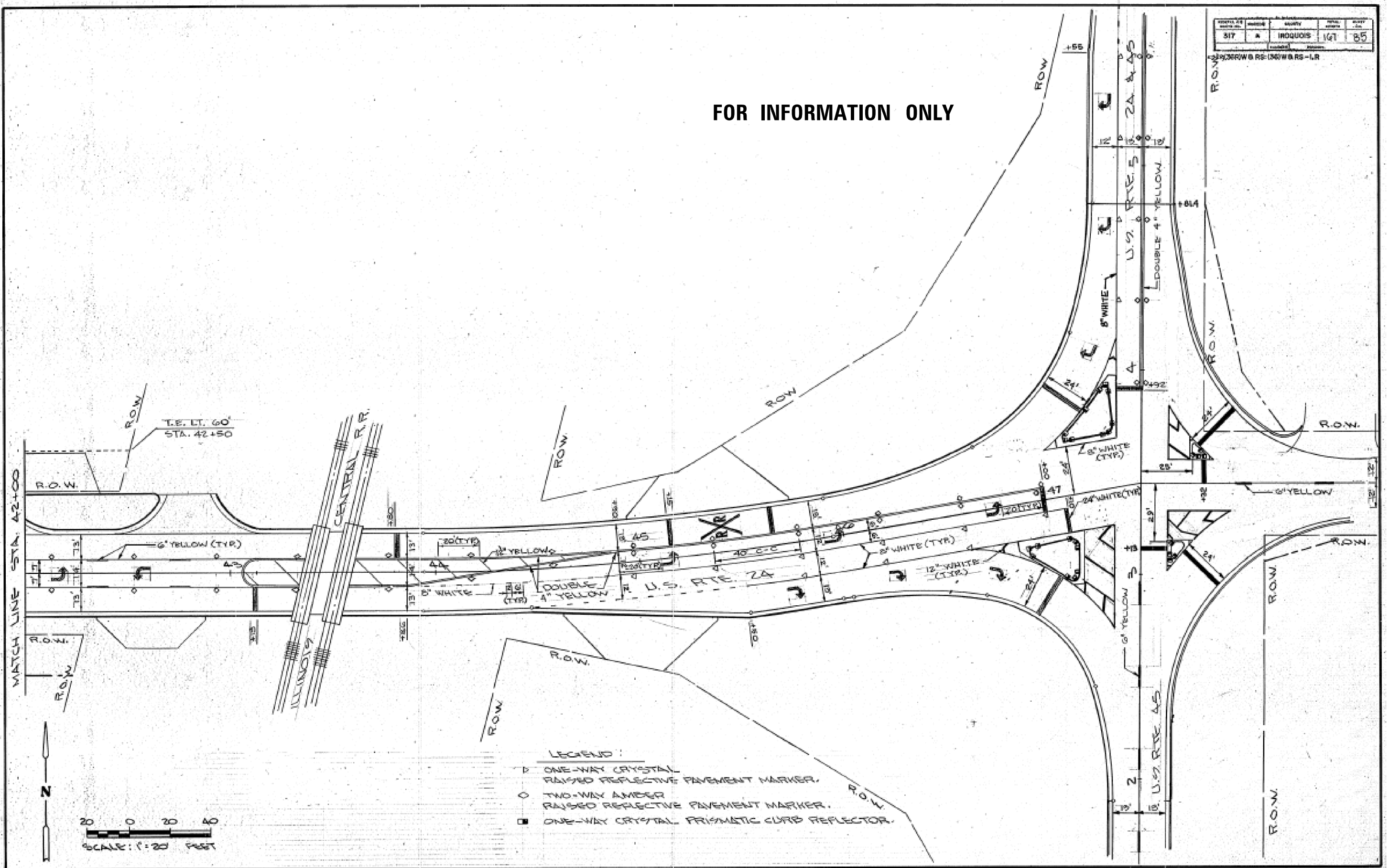
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

DETAILS			
SCALE:	SHEET	OF	SHEETS
			STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
317	(36,21)RS	IROQUOIS	16	12
CONTRACT NO. 66D69				
ILLINOIS FED. AID PROJECT				

PROJECT NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
317	A	IRROQUOIS	167	85

FOR INFORMATION ONLY



U.S. RTE. 24 & 45 STRIPING PLAN

FILE NAME =	USER NAME = lukkeridp	DESIGNED -	REVISED -
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PLOT SCALE = 100.0000' / in.		CHECKED -	REVISED -
PLOT DATE = 6/10/2014		DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

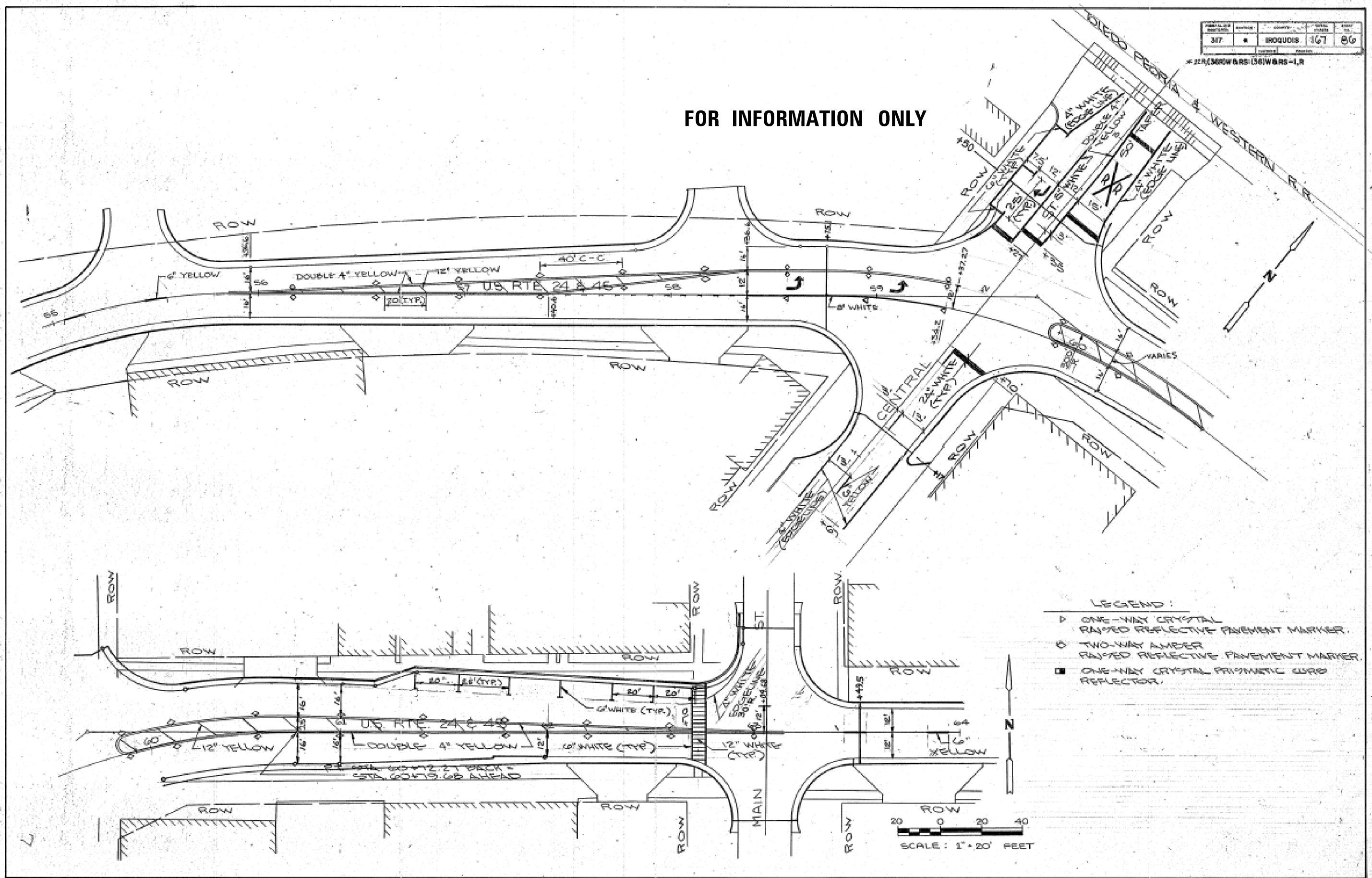
EXISTING PAVEMENT MARKINGS

SCALE: SHEET OF SHEETS STA. TO STA.

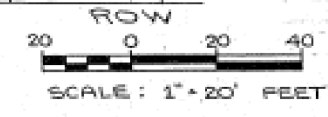
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
317	(36,21)RS	IRROQUOIS	16	14
CONTRACT NO. 66D69			ILLINOIS FED. AID PROJECT	

PROJECT NO.	317	COUNTY	IROQUOIS	SHEET NO.	16
SECTION	(36)21RS	CONTRACT NO.	66D69		

FOR INFORMATION ONLY



- LEGEND:**
- ▶ ONE-WAY CRYSTAL RAISED REFLECTIVE PAVEMENT MARKER.
 - ◊ TWO-WAY AMBER RAISED REFLECTIVE PAVEMENT MARKER.
 - ONE-WAY CRYSTAL PRISMATIC CURB REFLECTOR.



U.S. RTE. 24 & 45 STRIPING PLAN

FILE NAME =	USER NAME = lukkaridp	DESIGNED -	REVISED -
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PLOT SCALE = 100.0000' / in.		CHECKED -	REVISED -
PLOT DATE = 6/10/2014		DATE -	REVISED -

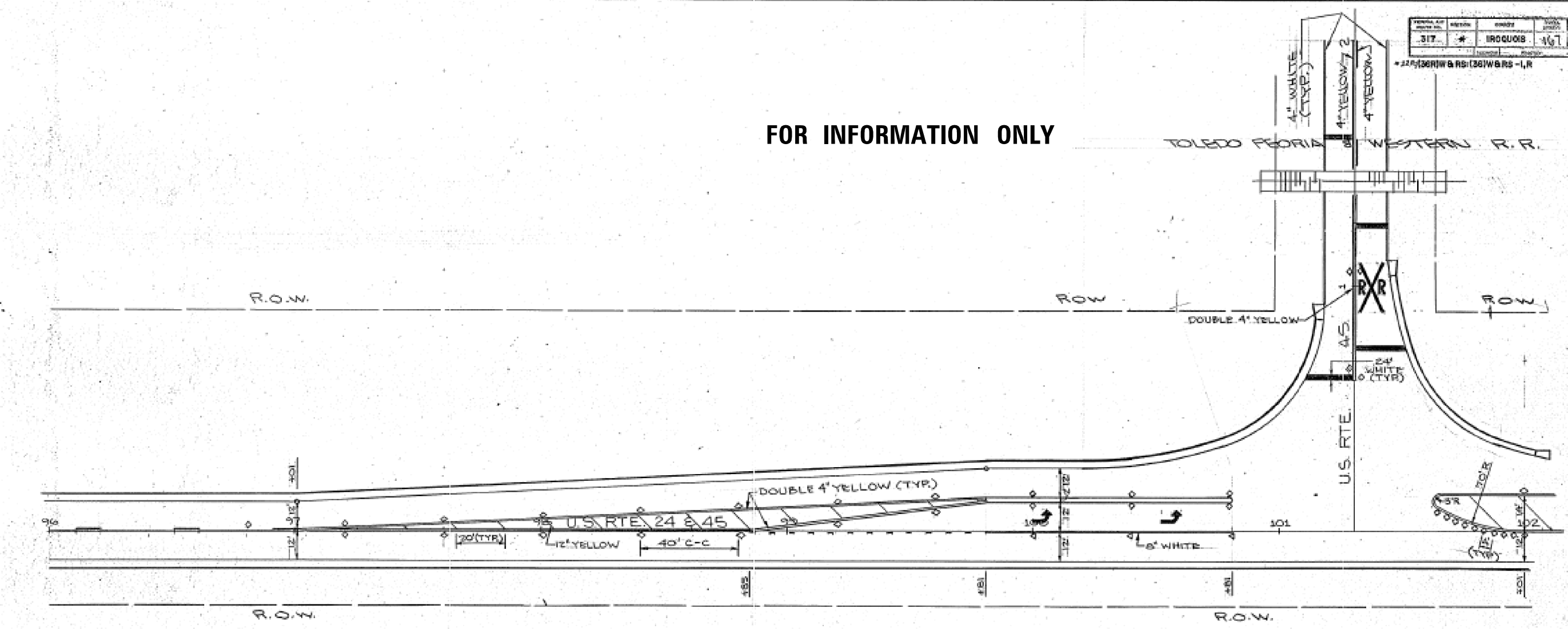
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING PAVEMENT MARKINGS			
SCALE:	SHEET	OF SHEETS	STA. TO STA.

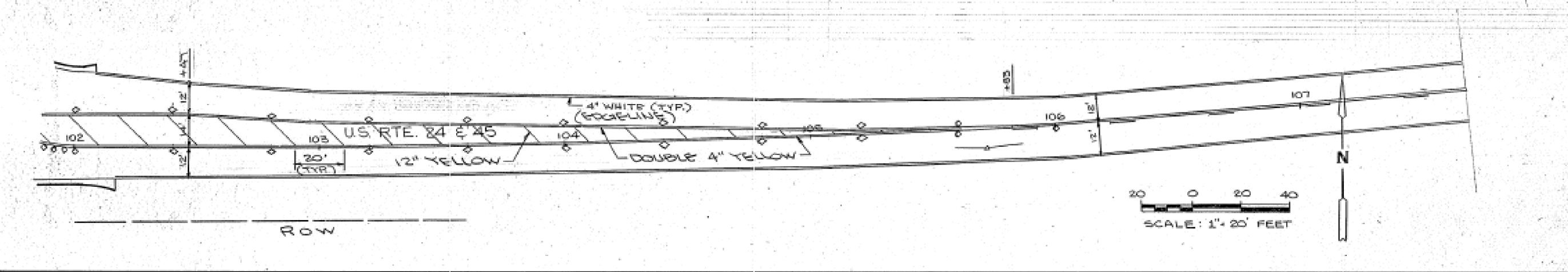
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
317	(36)21RS	IROQUOIS	16	15
CONTRACT NO. 66D69				
ILLINOIS FED. AID PROJECT				

PROJECT NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
317	4	IROQUOIS	16	81

FOR INFORMATION ONLY



- LEGEND:
- ▷ ONE-WAY CRYSTAL RAISED REFLECTIVE PAVEMENT MARKER.
 - ◊ TWO-WAY AMBER RAISED REFLECTIVE PAVEMENT MARKER.
 - ONE-WAY CRYSTAL PRISMATIC CURB REFLECTOR.



U.S. RTE. 24 & 45 STRIPING PLAN

FILE NAME =	USER NAME = lukkaridp	DESIGNED -	REVISED -
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	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 6/10/2014	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING PAVEMENT MARKINGS

SCALE:	SHEET	OF	SHEETS	STA.	TO	STA.
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
317	(36,21)RS	IROQUOIS	16	16
CONTRACT NO. 66D69			ILLINOIS FED. AID PROJECT	