FOR INDEX OF SHEETS, SEE SHEET NO. 2

THE IMPROVEMENT IS LOCATED IN THE VILLAGE OF MONTGOMERY

AVERAGE DAILY TRAFFIC = 14,500

POSTED SPEED LIMIT = 50 MPH

ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION 1-800-892-0123

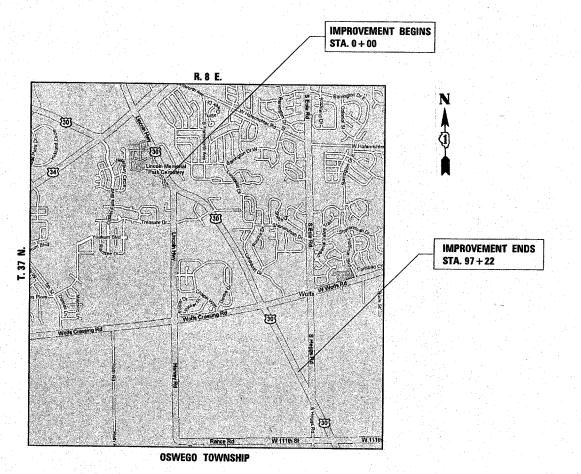
PROJECT ENGINEER **PROJECT MANAGER**

CONTRACT NO. 60A98

STATE OF ILLINOIS **DEPARTMENT OF TRANSPORTATION DIVISION OF HIGHWAYS**

PROPOSED HIGHWAY PLANS

F.A.P. ROUTE 349 (U.S. RTE. 30) SECTION 16RS-6 U.S. RTE. 34 TO WILL COUNTY LINE **RESURFACING (MAINTENANCE) WILL COUNTY** PROJ. ACNHF-0349 (011) C-91-202-06



GROSS LENGTH OF IMPROVEMENT = 9,722 FT. (1.841 MILES) NET LENGTH OF IMPROVEMENT = 9,722 FT. (1.841 MILES)

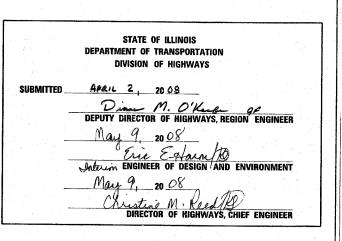
LOCATION OF SECTION INDICATED THUS: -

FED. ROAD DIST. NO. 1

WILL

ILLINOIS CONTRACT NO. 60A98

21 1



PRINTED BY THE AUTHORITY OF THE STATE OF ILLINOIS

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INDEX OF SHEETS

SHEET	NO.	DESCRIPTION
	1	COVER SHEET
	2	INDEX OF SHEETS, STATE STANDARDS AND GENERAL NOTES
	3	SUMMARY OF QUANTITIES
	4-6	TYPICAL SECTIONS
	7-10	ROADWAY AND PAVEMENT MARKING PLANS
	11	DETECTOR LOOP REPLACEMENT
	12	PAVEMENT PATCHING FOR BITUMINOUS SURFACED PAVEMENT
	13	BUTT JOINT AND HMA TAPER DETAILS
	14	TRAFFIC CONTROL AND PROTECTION FOR SIDEROADS, INTERSECTIONS, AND DRIVEWAYS
	15	TYPICAL APPLICATIOS RAISED REFLECTIVE PAVEMENT MARKERS (SNOW-PLOW RESISTANT)
	16	DISTRICT ONE TYPICAL PAVEMENT MARKINGS
	17	TRAFFIC CONTROL AND PROTECTION AT TURN BAYS (TO REMAIN OPEN TO TRAFFIC)
	18	PAVEMENT MARKING LETTERS AND SYMBOLS FOR TRAFFIC STAGING
	19	TEMPORARY INFORMATION SIGNING
	20	DISTRICT ONE STANDARD TRAFFIC SIGNAL DESIGN DETAILS
	21	DETECTOR LOOP INSTALLATION DETAILS FOR ROADWAY RESURFACING

STANDARDS	
000001 <i>-05</i>	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
442201- <i>03</i>	CLASS C AND D PATCHES
701011- <i>01</i>	OFF-ROAD MOVING OPERATIONS 2L, 2W DAY ONLY FOR SPEED > 45MPH
701201- <i>0</i> 2	LANE CLOSURE, 2L, 2W, DAY ONLY ON - RD TO (24") OFF - RD FOR SPEED > 45 MPH
701301- <i>0</i> 2	LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
701311- <i>0</i> 2	LANE CLOSURE, 2L, 2W, MOVING OPERATIONS-DAY ONLY
701501- <i>04</i>	URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED
701336~ <i>0</i> ਮ	LANE CLOSURE 2L, 2W, WORK AREAS IN SERIES FOR SPEED > 45 MPH
701901	TRAFFIC CONTROL DEVICES
780001 <i>-0</i> 1	TYPICAL PAVEMENT MARKINGS

GENERAL NOTES

BEFORE STARTING ANY EXCAVATION, THE CONTRACTOR SHALL CALL "JULIE" AT 800-892-0123 OR "811" FOR FIELD LOCATIONS OF BURIED ELECTRIC, TELEPHONE AND GAS FACILITIES. (48 HOURS NOTIFICATION REQUIRED).

THE CONTRACTOR SHALL COORDINATE CONSTRUCTION ACTIVITIES WITH UTILITY COMPANIES AND THE VILLAGE OF MONTGOMERY.

THE CONTRACTOR WILL NOT BE ALLOWED TO SET UP A YARD OR FIELD OFFICE ON STATE PROPERTY WITHOUT WRITTEN PERMISSION FROM THE DEPARTMENT.

WHEN MILLED PAVEMENT IS OPEN TO TRAFFIC, THE MAXIMUM GRADE DIFFERENTIAL BETWEEN PASSES OF THE MILLING MACHINE SHALL NOT EXCEED 11/2" (40 mm) WHERE THE SPEED LIMIT IS 45 MPH (80 KM/H) OR LESS AND WHERE THE SPEED LIMIT IS GREATER THAN 45 MPH (80 KM/H). WITH WRITTEN APPROVAL FROM THE ENGINEER, A MAXIMUM GRADE DIFFERENTIAL OF 3" (75 mm) MAY BE ALLOWED IF THE EDGE OF THE MILLING IS SLOPED A MINIMUM 1:3 (V:H).

BUTT JOINTS WILL BE INSTALLED AT THE ENDS
OF ALL RESURFACING (WHERE RESURFACING MEETS
EXISTING PAVEMENT), IN ACCORDANCE WITH THE
"BUTT JOINT AND HMA TAPER DETAILS" SHEET
INCLUDED IN THE PLANS, UNLESS OTHERWISE SPECIFIED.

THE RESIDENT ENGINEER SHALL CONTACT DON CHIARUGI AREA TRAFFIC FIELD ENGINEER AT (847) 741-9857 AT LEAST TWO(2) WEEKS PRIOR TO PLACEMENT OF PERMANENT PAVEMENT MARKING.

THE RESIDENT ENGINEER MUST CONTACT THE TRAFFIC CONTROL SUPERVISOR AT (847) 705-4470 A MINIMUM OF 72 HOURS PRIOR TO THE PLACEMENT OF ANY TRAFFIC CONTROL DEVICES.

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	PLOT DATE = 4/4/2008	DATE -	REVISED -

CONTRACT NO. 60A98

	A.D. RTE.		SEC	TION	ı		COUNT	Υ	TOTAL SHEETS	SHEET NO.
3	349		16F	₹S-	6		WIL	L	21	3
	FED.	ROAD	DIST.	NO.	1	ILL	INOIS	HIG	HWAY PRO	DJECT

İ	ITEM		ZO! STATE TOTAL		1	1	 1:		SUMMARY OF QUANTITIES		80%. FED.				
İ		UNIT	QUANTITIES	IOOO				CODE NO	ITEM	UNIT	ZON STATE TOTAL QUANTITIES	1000 80 12 Fee some			
1600500	GRADING AND SHAPING SHOULDERS	UNIT	195	195								Or (10) HEE (314) CO			
	BITUMINOUS MATERIALS (PRIME COAT)	TON	13	13				70300220	TEMPORARY PAVEMENT MARKING - LINE 4"	FOOT	41000	41000			
0600300	AGGREGATE (PRIME COAT)	TON	65	65				70300240	TEMPORARY PAVEMENT MARKING	FOOT	658	658			
	MIXTURE FOR CRACKS, JOINTS, AND FLANGEWAYS	TON	10	10				70300260	- LINE 6" TEMPORARY PAVEMENT MARKING	FOOT	192	192			
0600895	CONSTRUCTING TEST STRIP	EACH	1	1					- LINE 12"	7001	192	192			
	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	107	107				70300280	TEMPORARY PAVEMENT MARKING - LINE 24"	FOOT	126	126			
	HOT-MIX ASMHALT REPLACEMENT OVER	TON	891	891				70301000	WORK ZONE PAVEMENT MARKING REMOVAL	SO FT	300	300			
1	PATCHES							* 78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SO FT	113	113			
	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70	TON	2709	2709				¥ 78000200	THERMOPLASTIC PAVEMENT MARKING	FOOT	41000	41000			
	HOT-MIX ASPHALT SURFACE REMOVAL, 2	SO YD	32247	32247				¥ 78000400	- LINE 4" THERMOPLASTIC PAVEMENT MARKING	FOOT	CEO	650			
	HOT-MIX ASPHALT REMOVAL OVER PATCHES.	SQ YD	1445	1445				7 10000100	- LINE 6"	FOOT	658	658			
	8 3/4" CLASS D PATCHES, TYPE II. 8 INCH	SO YD	420	420				X 78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	192	192			
	CLASS D PATCHES, TYPE III. 8 INCH	SO YD	624	624				X 78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	126	126	· ,		
201747	CLASS D PATCHES, TYPE IV, 8 INCH	SO YD	359	359				* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	243	243			
101200	AGGREGATE SHOULDERS, TYPE B	TON	634	634				78300200	RAISED REFLECTIVE PAVEMENT MARKER	EACH	243	243			
000400 E	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	3	3				* 88600600	DETECTOR LOOP REPLACEMENT	5007				·	
Ì	MOBILIZATION	L SUM	1	1				X0322256	TEMPORARY INFORMATION SIGNING	FOOT SO FT	<i>5/9</i> 52	5/9			
	TRAFFIC CONTROL AND PROTECTION. STANDARD 701201	LSUM	1	1				X4067107	POLYMERIZED LEVELING BINDER (MACHINE	TON	1355	1355			
	TRAFFIC CONTROL AND PROTECTION, STANDARD 701336	L SUM	1	1					METHOD), IL-4.75, N50						
	TRAFFIC CONTROL AND PROTECTION,	L SUM	1	1											
	STANDARD 701501 SHORT-TERM PAVEMENT MARKING	FOOT	5124	E104											
,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		1001	5124	5124											
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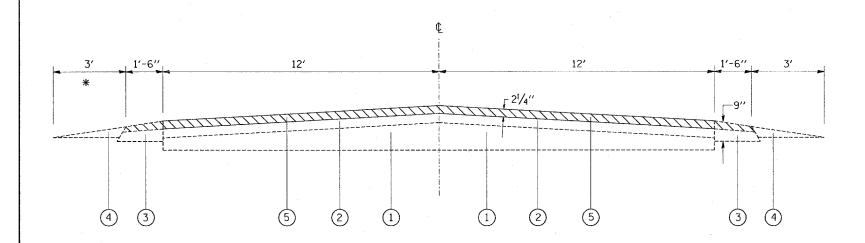
*SPECIALTY ITEMS

REVISIONS
NAME DATE

SUMMARY OF QUANTITIES

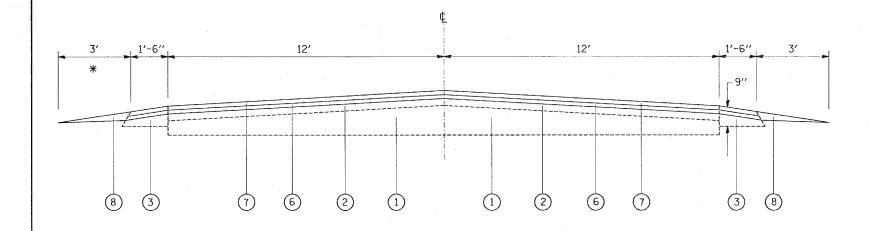
U.S. RTE. 30

(U.S. RTE. 34 TO WILL COUNTY LINE)



U.S. 30 EXISTING TYPICAL SECTION

* AGGREGATE SHOULDER 8' WIDE FROM STA. 0+00 TO STA. 2+00 (WESTBOUND ONLY)



U.S. 30
PROPOSED TYPICAL SECTION

NOTE:

- * PROPOSED AGGREGATE SHOULDER 8' WIDE FROM STA. 0+00 TO STA 2+00 (WESTBOUND ONLY).
- * PROPOSED WHITE EDGE LINE-4" IS 12' FROM $\$ (TYPICAL).

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

U.S. RTE. 30 (U.S. RTE. 34 TO WILL COUNTY LINE) EXISTING AND PROPOSED TYPICAL SECTIONS SCALE: NONE SHEET NO. OF SHEETS STA. TO STA.

4 EXISTING AGGREGATE SHOULDER TYPE "B"
(5) PROPOSED HMA SURFACE REMOVAL, 21/4"

(2) EXISTING HOT-MIX ASPHALT SURFACE, 8¾" (AFTER SURFACE REMOVAL)

(7) PROPOSED HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, 11/2"

(6) PROPOSED POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, NO5, $\frac{3}{4}$ "

(8) PROPOSED AGGREGATE SHOULDER, TYPE "B", VARIABLE THICKNESS. (WEDGE)

LEGEND

(1) EXISTING P.C.C. PAVEMENT, 8"

(3) EXISTING HMA SHOULDER

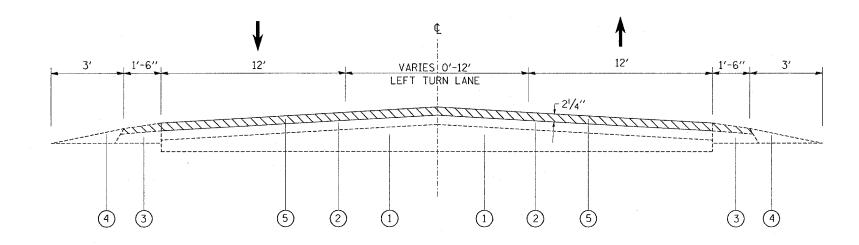
MIXTURE REQUIREMENTS

MIXTURE USE	AC/PG	DESIGN AIR VOIDS	REMARKS
HOT-MIX ASPHALT SURFACE COURSE, SUPERPAVE MIX "D", N70	PG 64-22	4% @ 70 GYR.	IL-9.5 MM
POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50, ¾"	SBS/SBR PG 76-28/-22	4% @ 50 GYR.	
HMA REPLACEMENT OVER PATCHES, 11"	PG 64-22*	4% ⊚ 70 GYR.	BINDER HMA IL-19 MM
CLASS "D" PATCHES, 8"	PG 64-22*	4% @ 70 GYR.	BINDER HMA IL-19 MM

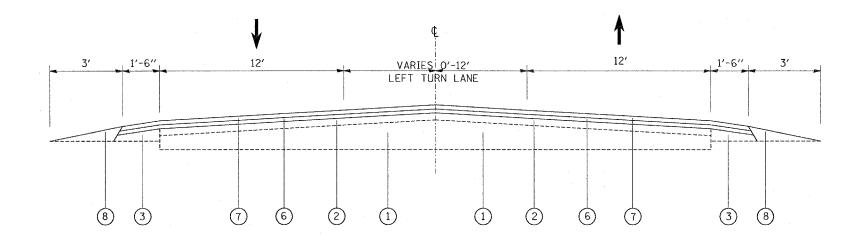
*"WHEN RAP EXCEED 20% THEN NEW ASPHALT IN THE MIX SHALL BE PG 58-22."

NOTE:

"THE UNIT WEIGHT USED TO CALCULATE ALL HMA SURFACE MIXTURE QUANTITIES IS 112 LBS/SQ.YD./IN"



U.S. 30
EXISTING LEFT TURN LANE (TYPICAL)



U.S. 30
PROPOSED LEFT TURN LANE (TYPICAL)

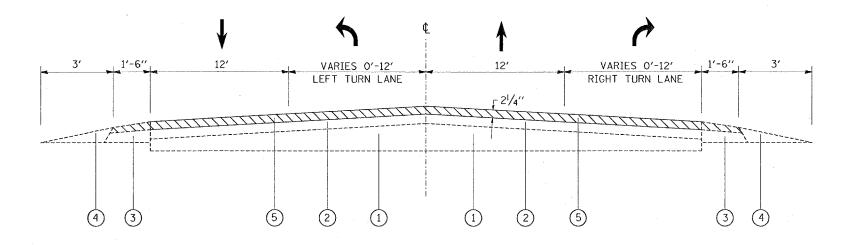
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

U.S. RTE. 30 (U.S. RTE. 34 TO WILL COUNTY LINE) EXISTING AND PROPOSED TYPICAL SECTIONS SCALE: NONE SHEET NO. OF SHEETS STA. TO STA.

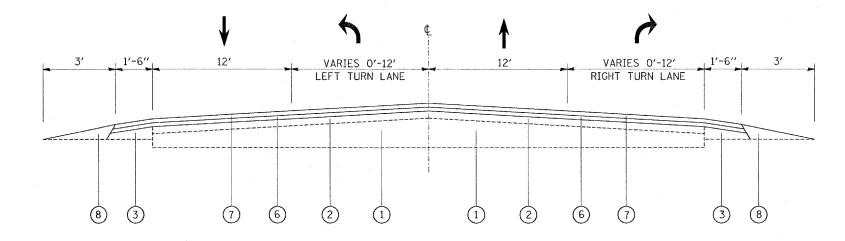
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7000 Maria 1000 Maria								CONTRACT	NO.	6	0A98
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LEGEND

- 1 EXISTING P.C.C. PAVEMENT, 8"
- (2) EXISTING HOT-MIX ASPHALT SURFACE, 8¾" (AFTER SURFACE REMOVAL)
- (3) EXISTING HMA SHOULDER
- 4 EXISTING AGGREGATE SHOULDER TYPE "B"
- (5) PROPOSED HMA SURFACE REMOVAL, 21/4"
- (6) PROPOSED POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, NO5, 3/4"
- (7) PROPOSED HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, 1/2"
- (8) PROPOSED AGGREGATE SHOULDER, TYPE "B", VARIABLE THICKNESS. (WEDGE)



EXISTING TYPICAL SECTION
U.S. 30 (NORTH LEG) AT TREASURE DR/ GASTVILLE ST.



PROPOSED TYPICAL SECTION

U.S. 30 (NORTH LEG) AT TREASURE DR/ GASTVILLE ST.

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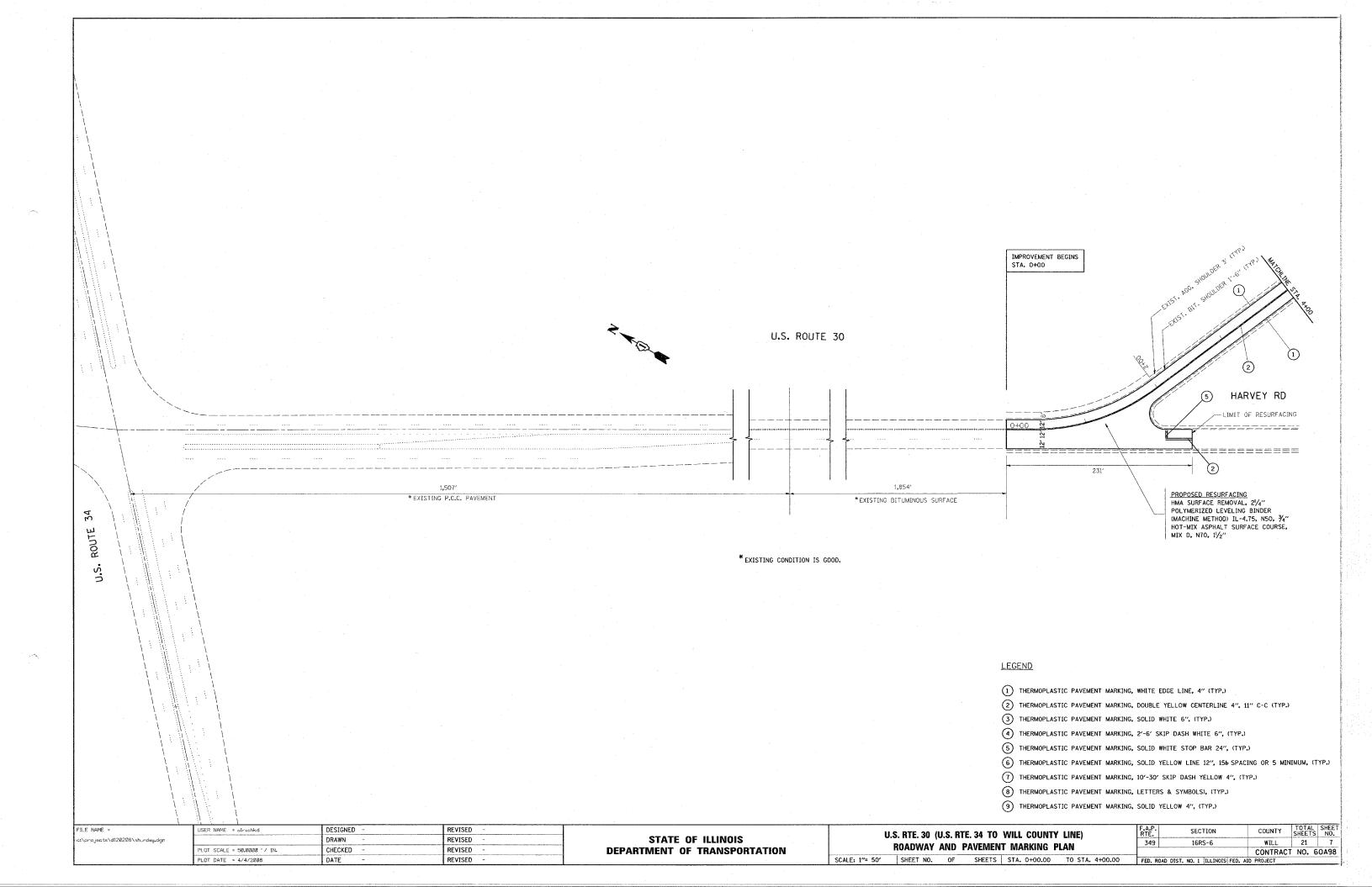
STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

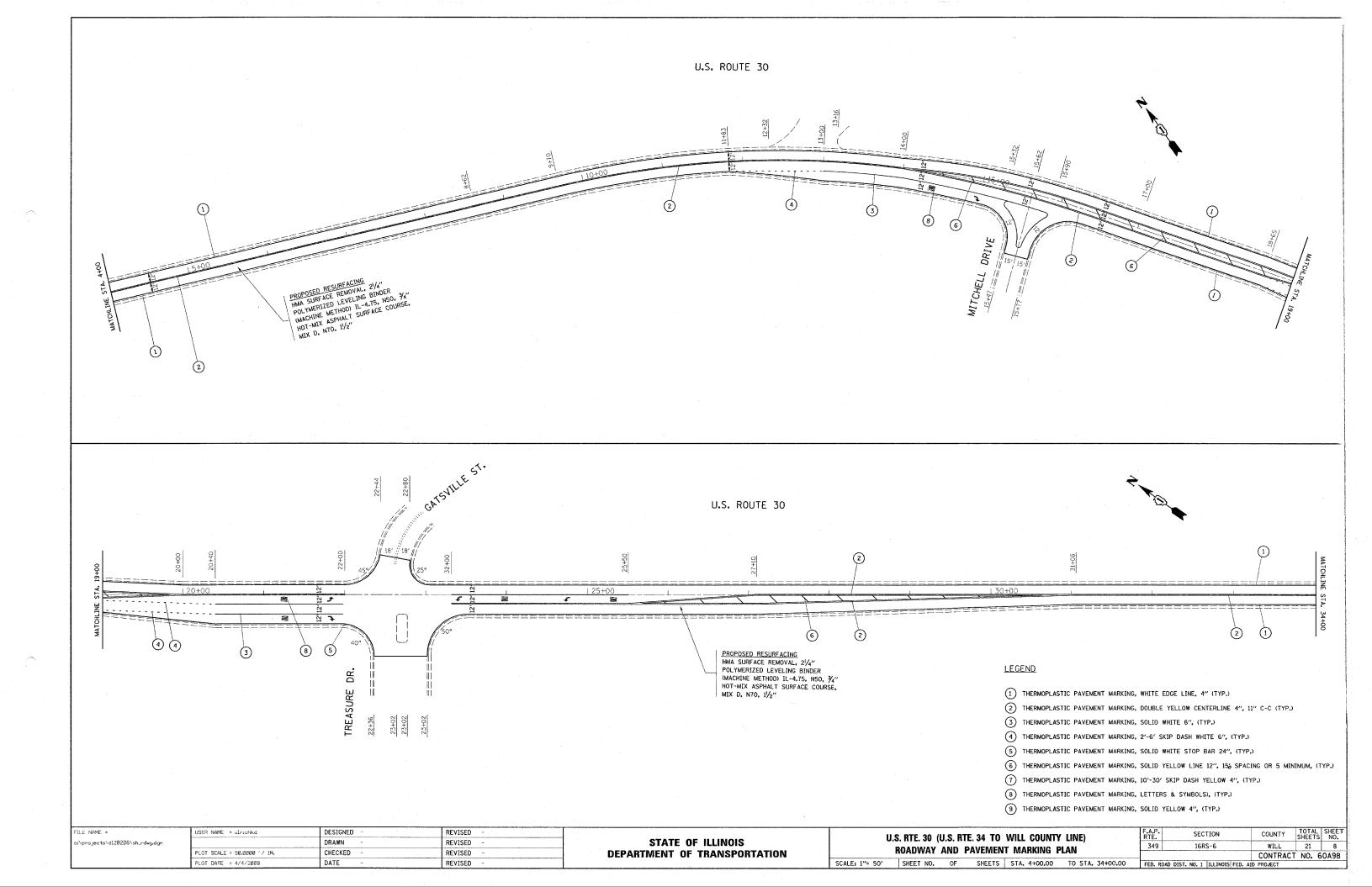
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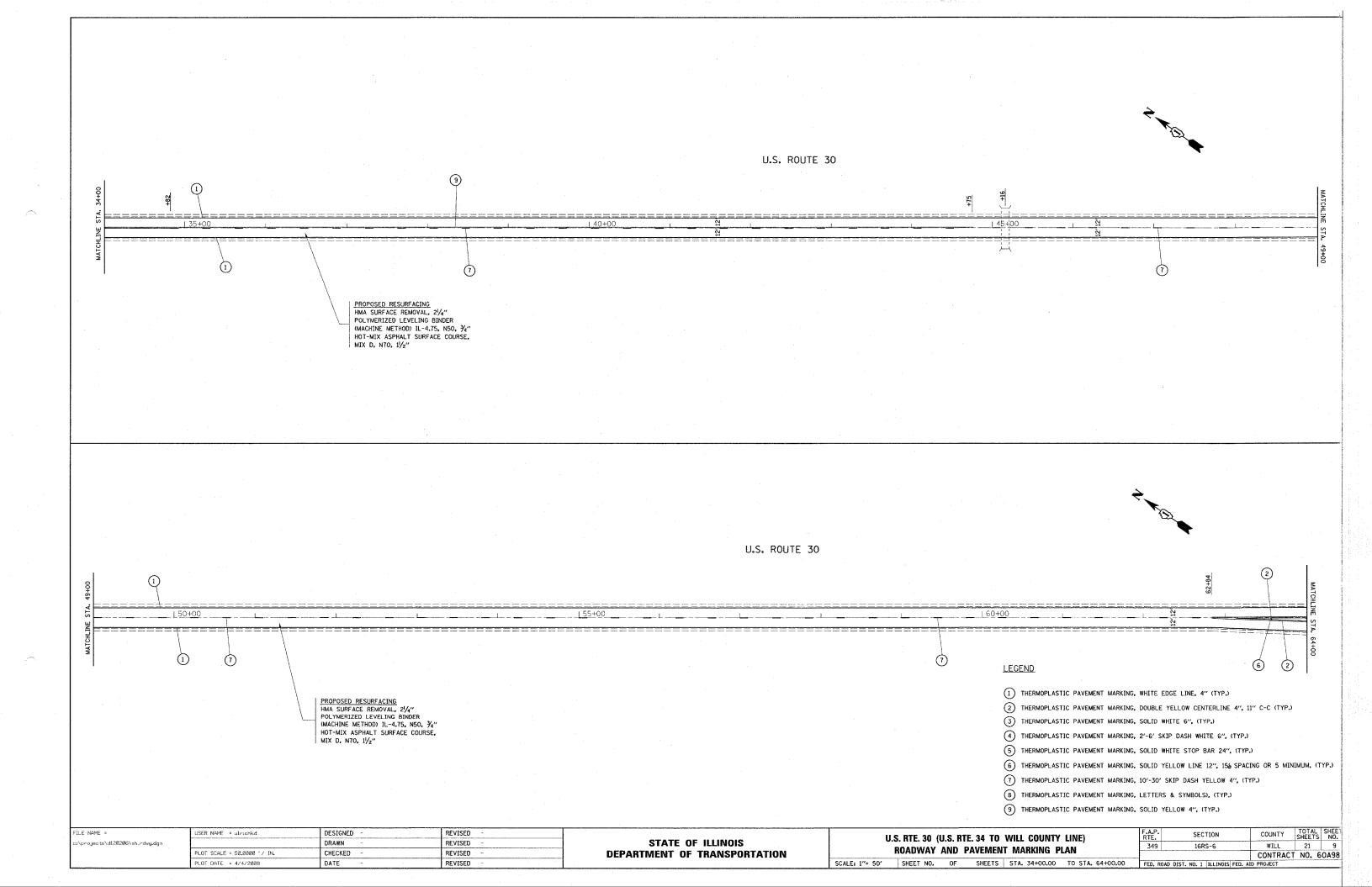
). RC	AD DIST. NO. 1 ILLINOIS FED. /	AID PROJECT		
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49	16RS-6	WILL	21	6
.P E.	SECTION	COUNTY	TOTAL SHEETS	SHEE NO.

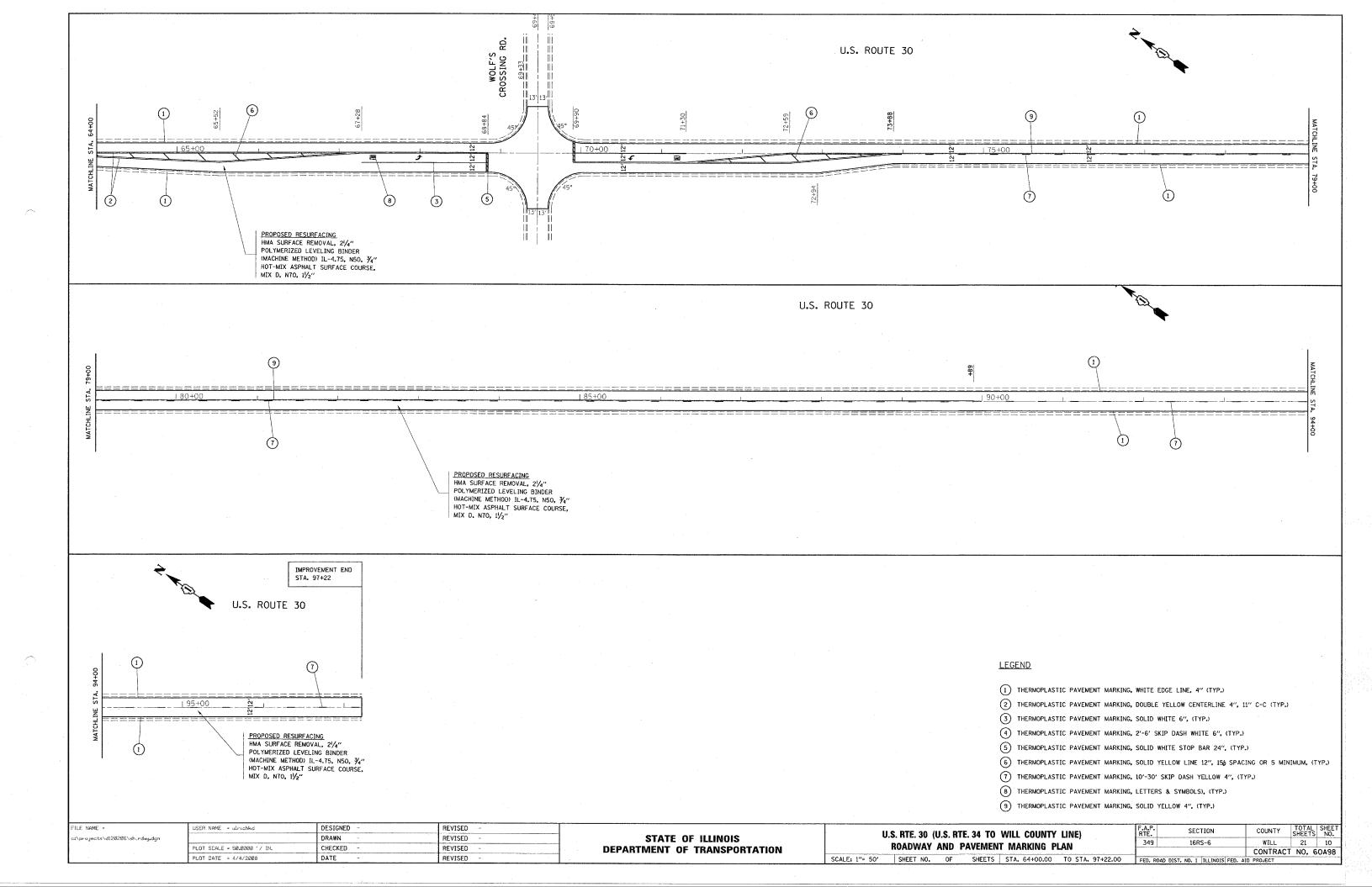
LEGEND

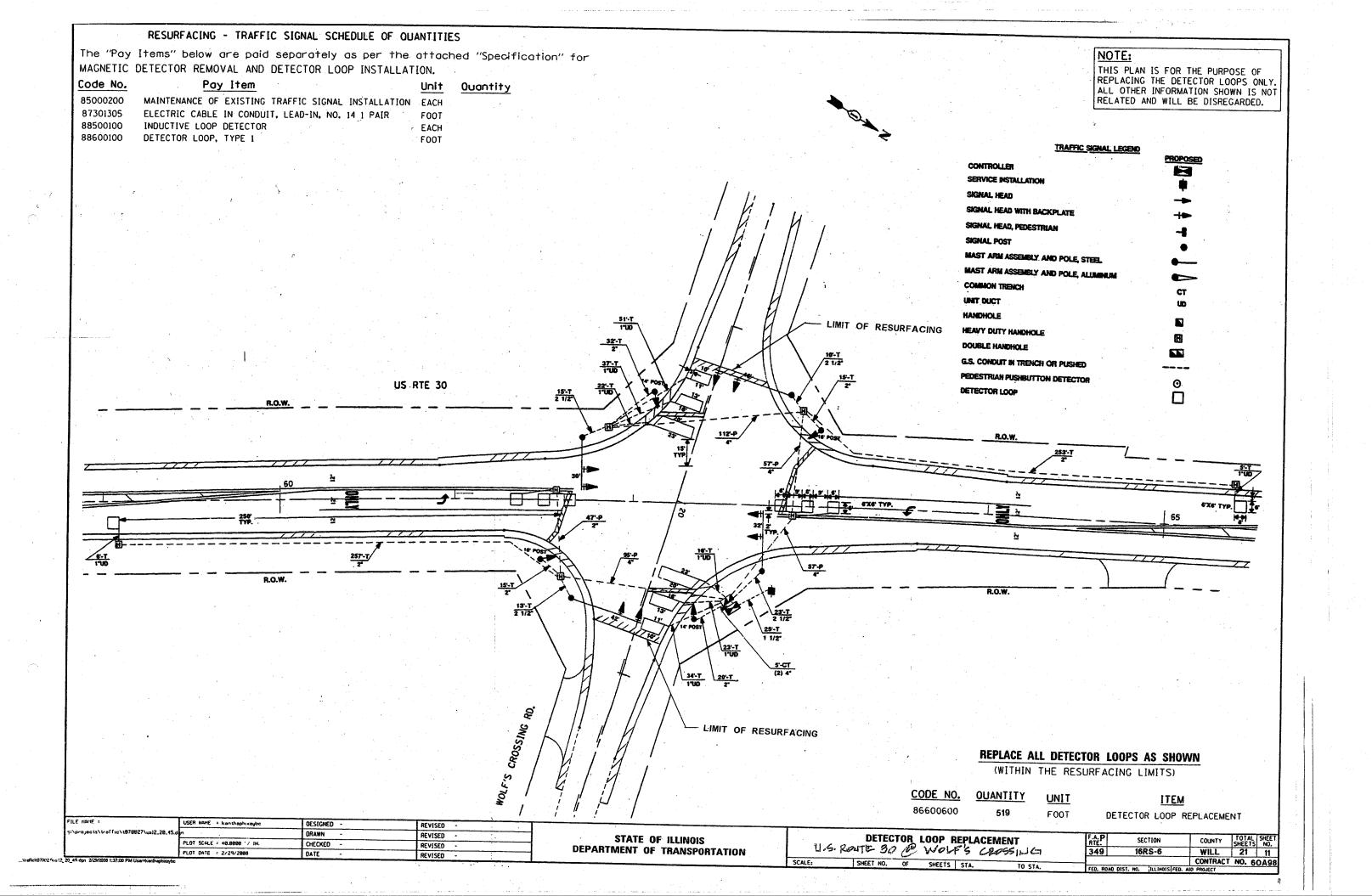
- 1 EXISTING P.C.C. PAVEMENT, 8"
- (2) EXISTING HOT-MIX ASPHALT SURFACE, 83/4" (AFTER SURFACE REMOVAL)
- (3) EXISTING HMA SHOULDER
- (4) EXISTING AGGREGATE SHOULDER TYPE "B"
- (5) PROPOSED HMA SURFACE REMOVAL, 21/4"
- (6) PROPOSED POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, NO5, 3/4"
- (7) PROPOSED HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, 11/2"
- (8) PROPOSED AGGREGATE SHOULDER, TYPE "B", VARIABLE THICKNESS. (WEDGE)

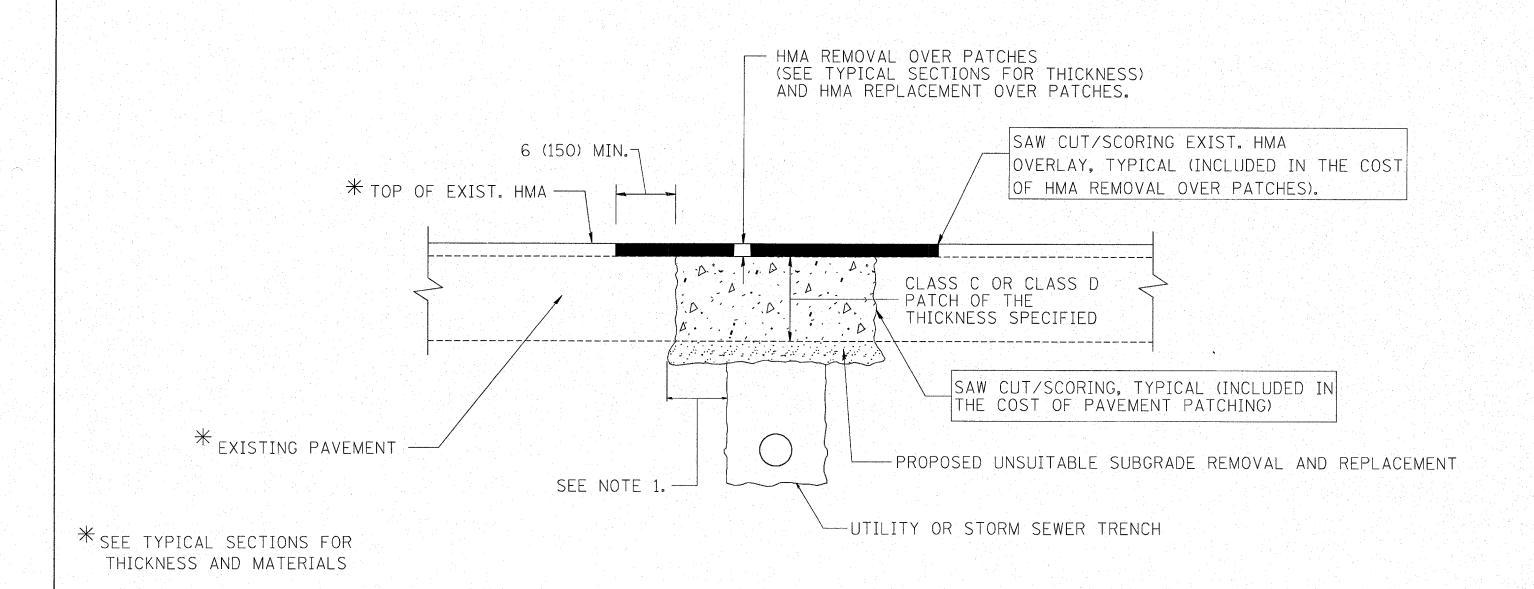












NOTES:

- 1. THE WIDTH OF THE FULL DEPTH PATCH OVER A TRENCH SHALL BE 12 (300) WIDER ON EACH SIDE OF THE TRENCH.
- 2. FOR METHOD OF MEASUREMENT AND BASIS OF PAYMENT, SEE RECURRING SPECIAL PROVISION "PATCHING WITH HOT-MIX ASPHALT OVERLAY REMOVAL".

SEQUENCE OF CONSTRUCTION

- 1. REMOVE THE EXISTING HMA MATERIAL OVER THE AREA TO BE PATCHED.
- 2. REMOVE AND REPLACE FULL DEPTH PATCHES
- 3. REPLACE HMA MATERIAL OVER THE AREA TO BE PATCHED.

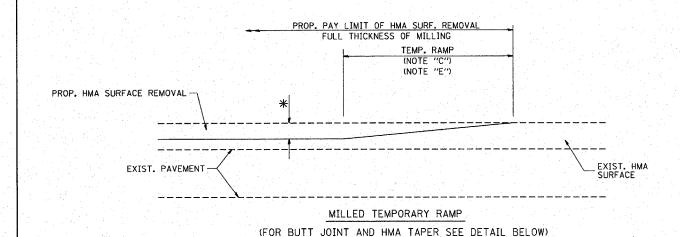
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COUNTY TOTAL SHEET NO.
WILL 21 12
CONTRACT NO. 60A98

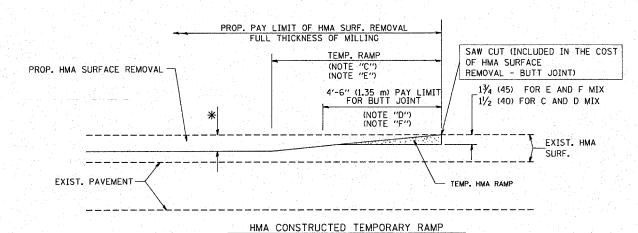
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W:\diststd\22x34\bd22.dgn		DRAWN -	REVISED - A. ABBAS 04-27-98
	PLOT SCALE = 50.000 '/ IN.	CHECKED -	REVISED - R. BORO 01-01-07
	PLDT DATE = 1/4/2008	DATE - 10-25-94	REVISED - R. BORO 09-04-07

STATE	O	ILLINOIS		
DEPARTMENT	OF	TRANSPOR	TATION	

	PAVEMENT PATCHING FOR			F.A.P. RTE.	1 1	S	EC.					
		HMA SURFACED PA		AVERGENT	VERNERIT		349	1	6R	S		
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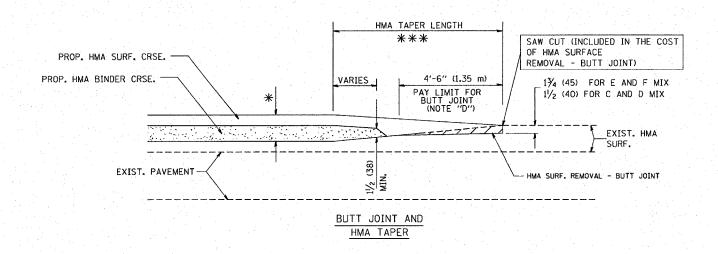
OPTION 1



(FOR BUTT JOINT AND HMA TAPER SEE DETAIL BELOW)

OPTION 2

TYPICAL TEMPORARY RAMP



TYPICAL BUTT JOINT AND HMA TAPER FOR MILLING AND RESURFACING

FILE NAME = USER NAME = gaglianobt DESIGNED - M. DE YONG REVISED - R. SHAH 10-25-94 REVISED - A. ABBAS 03-21-97 d:\diststd\22x34\bd32.dgn DRAWN CHECKED REVISED - M. GOMEZ 04-06-01 PLOT SCALE = 50.0000 '/ IN. PLOT DATE = 1/4/2008 DATE - 06-13-90 REVISED - R. BORO 01-01-07

STATE OF ILLINOIS **DEPARTMENT OF TRANSPORTATION**

BUTT JOINT AND 349 16RS-6 HMA TAPER DETAILS BD400-05 BD32 SHEET NO. 1 OF 1 SHEETS STA. TO STA.

SURFACE REMOVAL - BUTT JOINT SAW CUT (INCLUDED IN THE COST OF HMA OR P.C.C. SURFACE REMOVAL - BUTT JOINT) 13/4 (45) FOR E AND F MIX 11/2 (40) FOR C AND D MIX

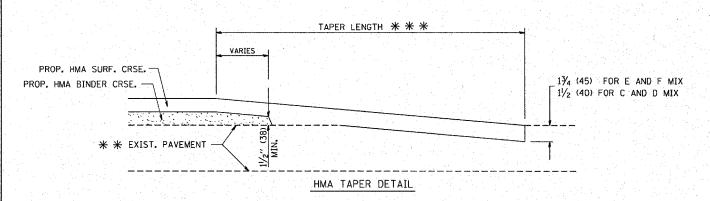
BUTT JOINT DETAIL

PROP. HMA OR PCC

30'-0" (9.0 m) (NOTE "A")

15'-0" (4.5 m) (NOTE "B")

(NOTE "D")



TYPICAL BUTT JOINT AND HMA TAPER FOR RESURFACING ONLY

* * PC CONCRETE, HMA OR HMA RESURFACED PAVEMENT.

* * EXIST. PAVEMENT

NOTES

EXIST. HMA OR PCC SURFACE

- A: MAINLINE ROADWAYS AND MAJOR SIDE ROADS.
- B: MINOR SIDE ROADS.
- C: THE TEMP. RAMP SHALL BE CONSTRUCTED IMMEDIATELY UPON REMOVAL OF THE EXISTING HMA SURFACE.
- D: THE BUTT JOINT SHALL BE CONSTRUCTED IMMEDIATELY PRIOR TO PLACING THE PROPOSED HMA COURSES.
- E: TAPER THE TEMP. RAMP AT A RATE OF 3'-0" (900 mm) PER 1 INCH (25 mm) OF MILLING THICKNESS.
- F: INSTALLATION AND REMOVAL OF THE 4'-6" (1.35 m) TEMP. RAMP IS INCLUDED IN COST OF HMA SURFACE REMOVAL - BUTT JOINT
- G: SEE ARTICLE 406.08 AND 406.14 OF THE STANDARD SPECIFICATIONS FOR "HMA AND/OR PCC SURFACE REMOVAL, BUTT JOINT".
- * SEE TYPICAL SECTIONS FOR MILLING THICKNESS.
- ** * * 20'-0" (6.1 m) PER 1 (25) RESURFACING (NOTE "A") 10'-0" (3.0 m) PER 1 (25) RESURFACING (NOTE "B")

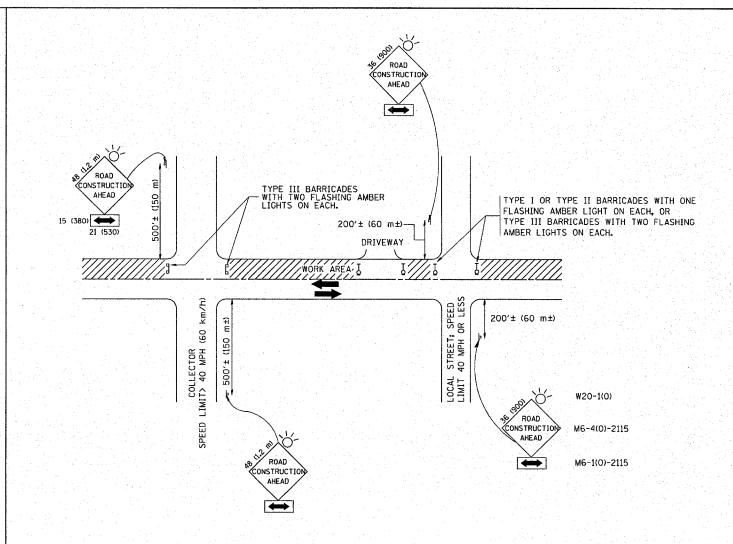
BASIS OF PAYMENT:

THE BUTT JOINT WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER SQUARE YARD (SQUARE METER)
FOR "HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT" OR FOR "PORTLAND CEMENT CONCRETE SURFACE REMOVAL- BUTT JOINT".

SCALE: NONE

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.

COUNTY TOTAL SHEETS NO.
WILL 21 13 COUNTY CONTRACT NO. 60A98 FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT



TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS

NOTES:

- A. FOR NO LANE RESTRICTION ON THE SIDE ROAD OR DRIVEWAYS
- 1. SIDE ROAD WITH A SPEED LIMIT OF 40 MPH (60 km/h) OR LESS AS SHOWN ON THE DRAWING AND AS DIRECTED BY THE ENGINEER:
- O) ONE ROAD CONSTRUCTION AHEAD SIGN 36 x 36 (900x900) WITH A FLASHER AND FLAG MOUNTED ON IT APPROXIMATELY 200' (60 m) IN ADVANCE OF THE MAIN ROUTE.
- b) THE CLOSED PORTION OF THE MAIN ROUTE SHALL BE PROTECTED BY BLOCKING WITH TYPE I, TYPE II OR TYPE III BARRICADES, 1/3 OF THE CROSS SECTION OF THE CLOSED PORTION.
- 2. SIDE ROAD WITH A SPEED LIMIT GREATER THAN 40 MPH (60 km/h) AS SHOWN ON THE DRAWING AND AS DIRECTED BY THE ENGINEER:
- o) ONE ROAD CONSTRUCTION AHEAD SIGN 48 \times 48 (1.2 m \times 1.2 m) WITH A FLASHER MOUNTED ON IT APPROXIMATELY 500' (150 m) IN ADVANCE OF THE MAIN ROUTE.
- b) THE CLOSED PORTION OF THE MAIN ROUTE SHALL BE PROTECTED BY BLOCKING WITH TYPE III BARRICADES, 1/2 OF THE CROSS SECTION OF THE CLOSED PORTION.
- 3. WHEN THE SIDE ROAD LIES BETWEEN THE BEGINNING OF THE MAINLINE SIGNING AND THE WORK ZONE, A SINGLE HEADED ARROW (M6-1) SHALL BE USED IN LIEU OF THE DOUBLE HEADED ARROW (M6-4).

SCALE: NONE

B. FOR A LANE CLOSURE ON A SIDE ROAD OR DRIVEWAY:

USE APPLICABLE PORTIONS OF THE TYPICAL APPLICATION OF TRAFFIC CONTROL DEVICES (STD. 701501, STD. 701606 OR THE APPROPRIATE STANDARD). THE SPACING OF SIGNS AND BARRICADES SHALL BE ADJUSTED FOR FIELD CONDITIONS AS DIRECTED BY THE ENGINEER. THE DIRECTIONAL ARROW SHALL BE COVERED OR REMOVED WHEN NO LONGER CONSISTENT WITH THE SIDE ROAD LANE CLOSURE.

- C. ADVANCE WARNING SIGNS ARE TO BE OMITTED ON DRIVEWAY UNLESS OTHERWISE NOTED.
- D. THE TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS SHALL BE INCIDENTAL TO THE COST OF SPECIFIED TRAFFIC CONTROL STANDARDS OR ITEMS.

All dimensions are in millimeters (inches) unless otherwise shown.

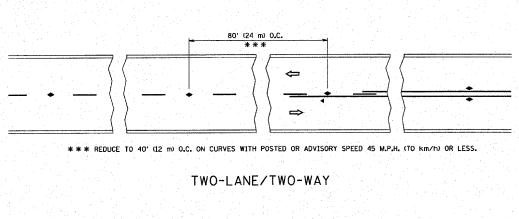
COUNTY TOTAL SHEETS NO.
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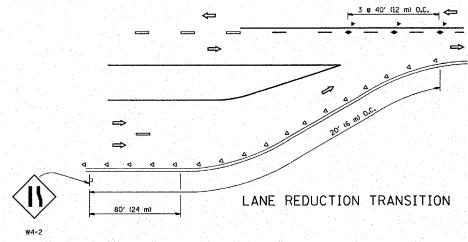
CONTRACT NO. 60A98

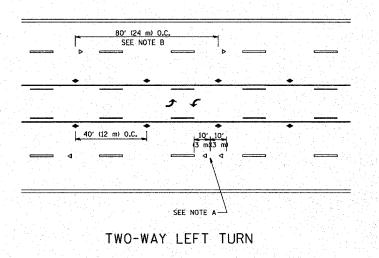
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	PLOT. SCALE = 50.000 '/ IN.	CHECKED -	REVISED - A. HOUSEH 10-15-96
	PLOT DATE = 1/4/2008	DATE - 06-89	REVISED -T. RAMMACHER 01-06-00

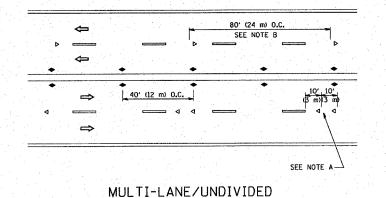
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

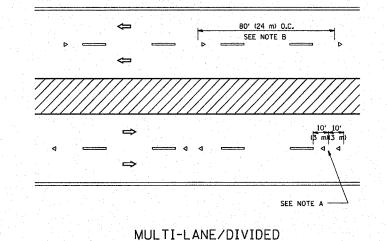
TRAFFIC CONTROL AND PROTECTION FOR					SECTION	COUNTY
SIDE BOADS INTER	RECTIONS A	349	16RS-6	WILL		
 SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS					TC-10	CONTRA
SHEET NO. 1 OF 1	SHEETS S	STA.	TO STA.	FED. ROAD	DIST. NO. 1 ILLINOIS FED.	AID PROJECT











GENERAL NOTES

- 1. MARKERS USED WITH DASHED LINES SHALL BE CENTERED IN THE GAP BETWEEN SEGMENTS.
- 2. MARKERS USED ADJACENT TO SOLID LINES SHALL BE OFFSET 2 TO 3 (50 TO 75) TOWARD TRAFFIC AS SHOWN.
- 3. MARKERS THROUGH TANGENTS LESS THAN 500' (150 m) IN LENGTH BETWEEN CURVES SHALL BE INSTALLED AT THE LESSER OF THE TWO CURVE SPACINGS.

LANE MARKER NOTES

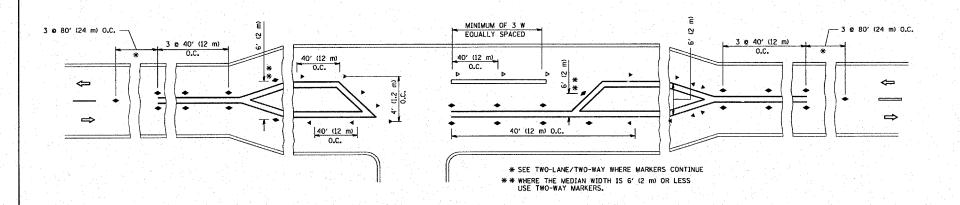
- B. REDUCE TO 40' (12 m) O.C. ON CURVES WHERE ADVISORY SPEEDS ARE 10 M.P.H (20 km/h) LOWER THAN POSTED SPEEDS.
- A. USE DOUBLE LANE LINE MARKERS SPACED AS SHOWN.

SYMBOLS

_____ YELLOW STRIPE

- WHITE STRIPE

- ONE-WAY AMBER MARKER
- → ONE-WAY CRYSTAL MARKER (W/O)
- ◆ TWO-WAY AMBER MARKER



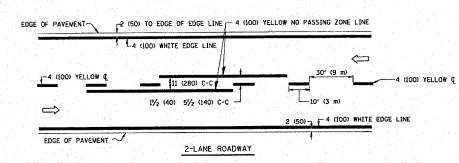
LEFT TURN

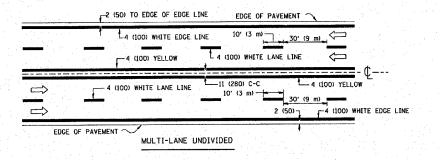
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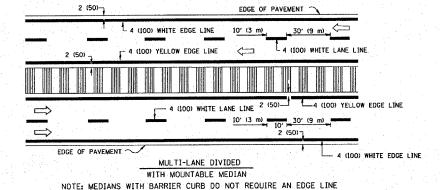
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	PLOT SCALE = 50.000 '/ IN.	CHECKED -	REVISED -T. RAMMACHER 01-06-00
	PLOT DATE = 1/4/2008	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

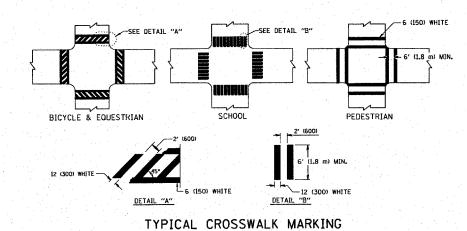
		IONS				
	RAISED	REFLECTIVE	PAVEMENT	MARKERS	(SNOW-PLOW	RESISTANT)
SCALE:	NONE	SHEET NO	. 1 OF 1	SHEETS :	STA.	TO STA.







TYPICAL LANE AND EDGE LINE MARKING



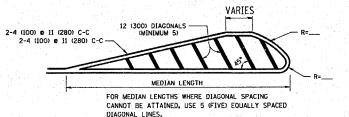
2-4 (100) YELLOW @ 11 (280) C-C

NO DIAGONALS

4' (1,2 m) OUTSIDE TO OUTSIDE OF LINES

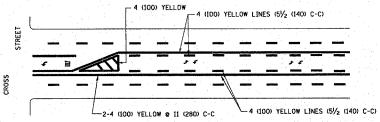
2-4 (100) YELLOW @ 11 (280) C-C

4' (1.2 m) WIDE MEDIANS ONLY

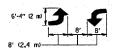


DIAGONAL LINE SPACING: 50' (15 m) C-C (LESS THAN 30MPH (50 km/h))
75' (25 m) C-C 30MPH (50 km/h) TO 45MPH (70 km/h))
150' (45 m) C-C (MORE THAN 45MPH (70 km/h))

MEDIANS OVER 4' (1.2 m) WIDE

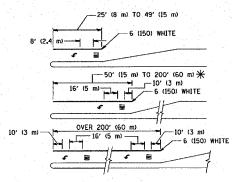


A MINIMUM OF TWO PAIRS OF TURN ARROWS SHALL BE USED, WHITE IN COLOR. ADDITIONAL PAIRS SHALL BE PLACED AT 200' (60 m) TO 300' (90 m) INTERVALS.



MEDIAN WITH TWO-WAY LEFT TURN LANE

TYPICAL PAINTED MEDIAN MARKING

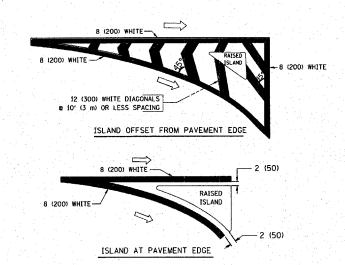


FULL SIZE LETTERS 8' (2.4 m) AND ARROWS SHALL BE USED. \P AREA = 15.6 SO. FT. (1.5 m²) (1.7 AREA = 20.8 SO. FT. (1.9 m²)

* TURN LANES IN EXCESS OF 400' (120 m) IN LENGTH MAY HAVE AN ADDITIONAL SET OF ARROW - "ONLY" INSTALLED MIDWAY BETWEEN THE OTHER TWO SETS OF ARROW - "ONLY".

TYPICAL LEFT (OR RIGHT) TURN LANE

TYPICAL TURN LANE MARKING



TYPICAL ISLAND MARKING

TYPE OF MARKING	WIDTH OF LINE	PATTERN	COLOR	SPACING / REMARKS
CENTERLINE ON 2 LANE PAVEMENT	4 (100)	SKIP-DASH	YELLOW	10' (3 m) LINE WITH 30' (9 m) SPACE
CENTERLINE ON MULTI-LANE UNDIVEDED PAVEMENT	2 @ 4 (100)	SOLID	YELLOW	11 (280) C-C
NO PASSING ZONE LINES: FOR ONE DIRECTION FOR BOTH DIRECTIONS	4 (100) 2 e 4 (100)	SOLID SOLID	YELLOW YELLOW	5/2 (140) C-C FROM SKIP-DASH CENTERLINE 11 1280) C-C OMIT SKIP-DASH CENTERLINE BETWEEN
LANE LINES	4 (100) 5 (125) ON FREEWAYS	SKIP-DASH SKIP-DASH	WHITE WHITE	10' (3 m) LINE WITH 30' (9 m) SPACE
DOTTED LINES (EXTENSIONS OF CENTER, LANE OR TURN LANE MARKINGS)	SAME AS LINE BEING EXTENDED	SKIP-DASH	SAME AS LINE BEING EXTENDED	2' (600) LINE WITH 6' (1.8 m) SPACE
EDGE LINES	4 (100)	SOLID	YELLOW-LEFT WHITE-RIGHT	OUTLINE MOUNTABLE MEDIANS IN YELLOW: EDGE LINES ARE NOT USED NEXT TO BARRIER CURB
TURN LANE MARKINGS	6 (150) LINE; FULL SIZE LETTERS & SYMBOLS (8' (2.4m))	SOLID	WHITE	SEE TYPICAL TURN LANE MARKING DETAIL
TWO WAY LEFT TURN MARKING	2 @ 4 (100) EACH DIRECTION	SKIP-DASH AND SOLID	YELLOW	10' (3 m) LINE WITH 30' (9 m) SPACE FOR SKIP-DASH; 51/2 (140) C-C BETWEEN SOLID LINE AND SKIP-DASH LINE
	8' (2.4m) LEFT ARROW	IN PAIRS	WHITE	SEE TYPICAL TWO-WAY LEFT TURN MARKING DETAIL
CROSSWALK LINES (PEDESTRIAN) A. DIAGONALS (BIKE & EQUESTRIAN) B. LONGITUDINAL BARS (SCHOOL)	2 p 6 (150) 12 (300) p 45° 12 (300) p 90°	SOLID SOLID SOLID	WHITE WHITE WHITE	NOT LESS THAN 6' (1.8 m) APART 2' (500) APART 2' (500) APART SEE TYPICAL CROSSWALK MARKING DETAILS.
STOP LINES	24 (600)	SOLID	WHITE	PLACE 4' (1.2 m) IN ADVANCE OF AND PARALLEL TO CROSSWALK, IF PRESENT. OTHERWISE, PLACE AT DESIRED STOPPING POINT. PARALLEL TO CROSSROAD CENTERLINE, WHERE POSSIBLE
PAINTED MEDIANS	2 & 4 (100) WITH 12 (300) DIAGONALS & 45° NO DIAGONALS USED FOR 4' (1.2 m) WIDE MEDIANS	SOLID	YELLOW: TWO WAY TRAFFIC WHITE: ONE WAY TRAFFIC	II (280) C-C FOR THE DOUBLE LINE SEE TYPICAL PAINTED MEDIAN MARKING.
GORE MARKING AND CHANNELIZING LINES	8 (200) WITH 12 (300) DIAGONALS @ 45°	SOLID	WHITE	DIACONALS: 15' (4.5 m) C-C (LESS THAN 30MPH (50 km/h)) 20' (6 m) C-C 30MPH (50 km/h) TO 45MPH (70 km/h)) 30' (9 m) C-C (OVER 45MPH (70 km/h))
RAILROAD CROSSING	24 (600) TRANSVERSE LINES; "RR" IS 6' (1.8 m) LETTERS; 16 (400) LINE FOR "X"	SOLID	WHITE	SEE STATE STANDARD 780001 AREA OF: "M"=3.6 SO, FT. (0.33 m ²) EACH "X"=54.0 SO. FT. (5.0 m ²)
SHOULDER DIAGONALS	12 (300) e 45°	SOLID	WHITE - RIGHT YELLOW - LEFT	50' (15 m) C-C (LESS THAN 30MPH (50 km/h)) 75' (25 m) C-C (30 MPH (50 km/h) TO 45MPH (70 km/h)) 150' (45 m) C-C (OVER 45MPH (70 km/h))

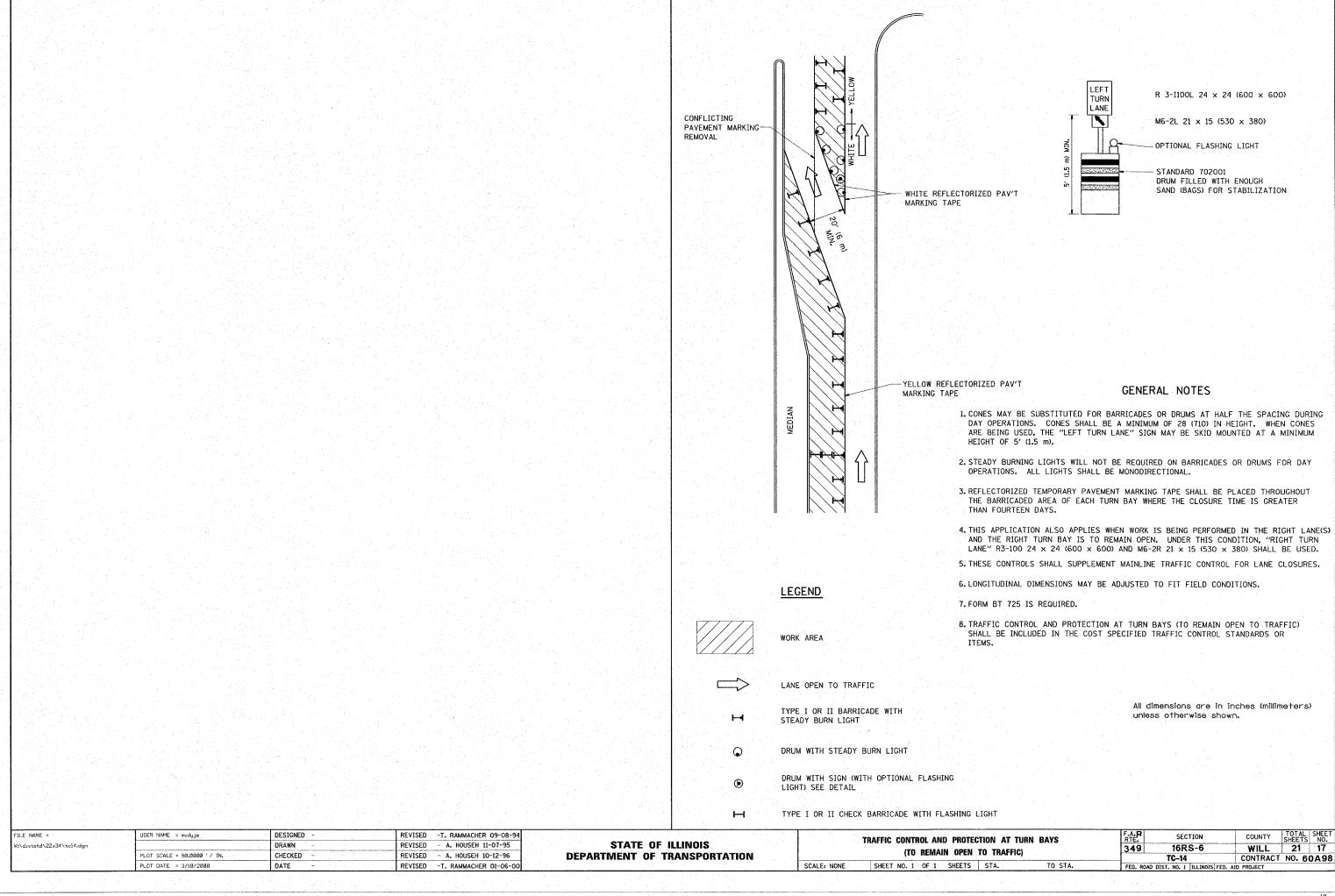
FOR FURTHER DETAILS ON PAVEMENT MARKING REFER TO STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION AND STATE STANDARD 780001.

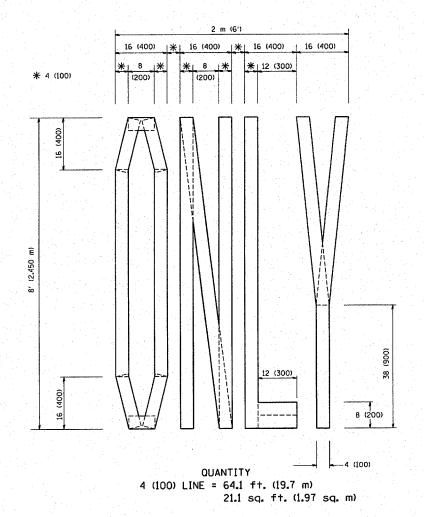
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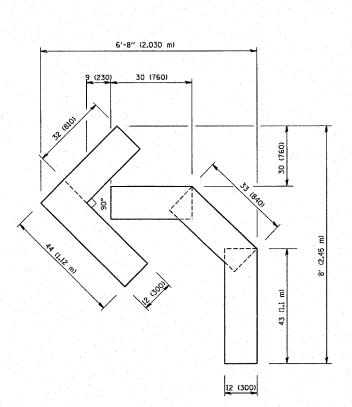
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	PLOT SCALE = 50.000 '/ IN.	CHECKED -	REVISED -A. HOUSEH 10-17-96
	PLOT DATE = 1/4/2008	DATE - 03-19-90	REVISED -T. RAMMACHER 01-06-0

STATE	OF	ILLINOIS		
DEPARTMENT	0F	TRANSPO	RTATIO	V.

	DIS	TRICT ONE		F.A.P.	SECTION	COUNTY	SHEETS NO.
	TYPICAL PA	VEMENT MARKINGS		349	16RS-6	WILL	21 16
				_	TC-13	CONTRACT	NO. 60A98
SCALE: NONE	SHEET NO. 1 OF 1	SHEETS STA.	TO STA.	FED. ROAD D	DIST. NO. 1 ILLINOIS FED. A	ID PROJECT	

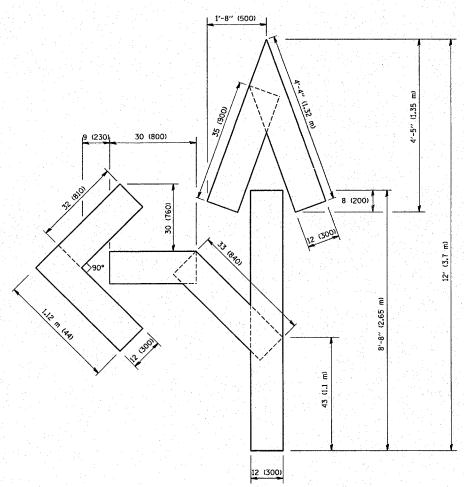






QUANTITY 4 (100) LINE = 45.5 ft. (13.9 m) 15.2 sq. ft. (1.39 sq. m)

SCALE: NONE



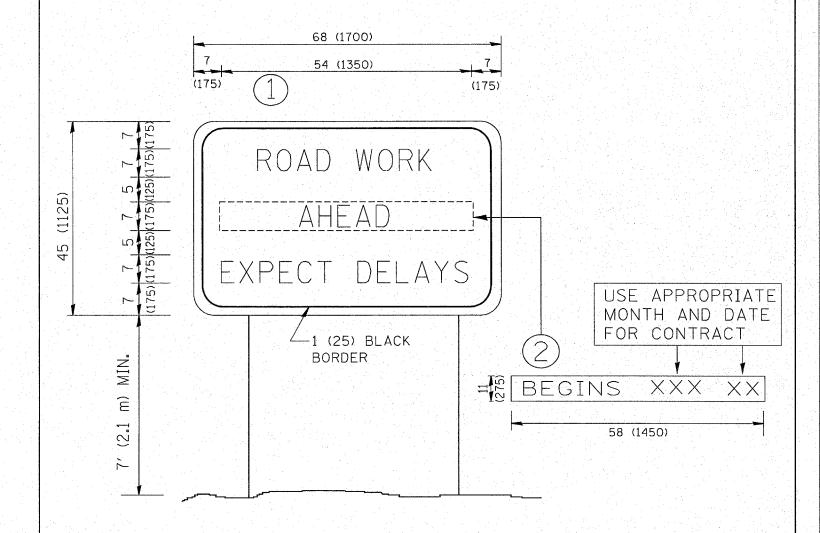
OUANTITY 4 (100) LINE = 82.5 ft. (25.3 m) 27.5 sq. ft. (2.53 sq. m)

All dimensions are in inches (millimeters) unless otherwise shown.

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	PLOT SCALE = 50.0000 '/ IN.	CHECKED -	REVISED -T. RAMMACHER 03-02-98
The state of the s	PLOT DATE = 1/4/2008	DATE - 09-18-94	REVISED -E. GOMEZ 08-28-00

STAT	E OF	ILLINOIS	
DEPARTMENT	OF	TRANSPORTATIO	N

PAVEMENT I		MARKING LETTERS AND SYMBOLS		100	F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.		
	FOR TRAFFIC STAGING				349	16RS-6	WILL	21	18		
			AUNU			2 + 7	TC-16	CONTRACT	NO. 60)A98	
	SHEET NO. 1	OF 1 SHEETS	STA. TO	O STA.		FED. ROAD DI	ST. NO. 1 ILLINOIS FED. A	D PROJECT			1



NOTES:

- 1. USE BLACK LETTERING ON ORANGE BACKGROUND.
- 2. ERECT SIGNS IN ADVANCE OF THE LOCATION FOR THE "ROAD CONSTRUCTION" AHEAD" SIGN AT LOCATIONS AS DIRECTED BY THE ENGINEER.
- 3. ERECT SIGN (1) WITH INSTALLED PANEL (2) ONE WEEK PRIOR TO THE START OF CONSTRUCTION.
- 4. REMOVE PANEL 2 SOON AFTER THE START OF CONSTRUCTION.
- 5. SEE SPECIAL PROVISION FOR "TEMPORARY INFORMATION SIGNING" FOR ADDITIONAL INFORMATION.
- 6. ONE SIGN ASSEMBLY EQUALS 25.70 SQ. FT. (2.3 SQ. M.)
- 7. SHALL BE PAID FOR AS TEMPORARY INFORMATION SIGNING.

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.

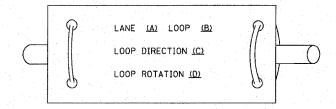
COUNTY TOTAL SHEET NO.
WILL 21 19
CONTRACT NO.60 A 98

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	PLOT SCALE = 50.000 '/ IN.	CHECKED -	REVISED -T. RAMMACHER 02-02-99	DEPARTMENT OF TRANSPORTATION		INFORMATION SIGN		TC-22
	PLOT DATE = 1/4/2008	DATE -	REVISED - C. JUCIUS 01-31-07		SCALE: NONE	SHEET NO. 1 OF 1 SHEETS STA.	TO STA.	FED. ROAD DIST. NO. 1 ILLINOIS FEE

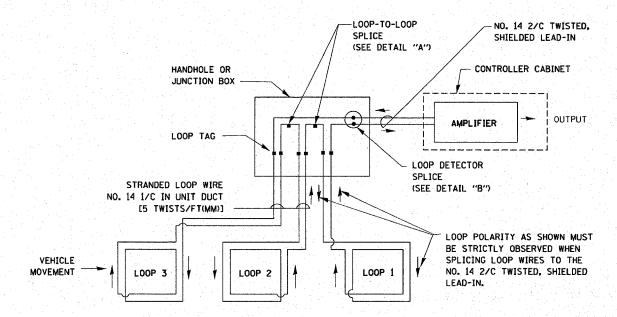
LOOP DETECTOR NOTES

- EACH PAIR OF LOOP WIRES SHALL BE PLACED IN A SEPARATE UNIT DUCT FROM THE EDGE OF PAVEMENT TO THE HANDHOLE. SPACING BETWEEN THE HOLES DRILLED IN THE PAVEMENT SHALL NOT BE LESS THAN 6" (150 mm). UNIT DUCT SHALL BE INCLUDED IN THE COST OF THE LOOP WIRE.
- 2. THE NUMBER OF LOOP TURNS SHALL BE AS RECOMMENDED BY THE AMPLIFIER MANUFACTURER. ALL ADJACENT SIDES OF THE LOOPS SHALL BE INSTALLED IN SUCH A WAY THAT THE CURRENT FLOW IS IN THE SAME DIRECTION TO REINFORCE ITS MAGNETIC FIELDS FOR SMALL VEHICLE DETECTION.
- 3. EACH LOOP LEAD-IN SHALL BE IDENTIFIED AND PERMANENTLY TAGGED IN THE HANDHOLE. EACH LEAD-IN CABLE TAG SHALL INDICATE THE LOCATION OF THE LOOP, LOOP ROTATION (CLOCKWISE/COUNTERCLOCKWISE), LOOP LEAD-IN DIRECTION (IN OR OUT), LOOP CABLE NUMBER AND LOCATION IN CABINET, AND NUMBER OF TURNS IN THE DETECTOR LOOPS IN WATER PROOF INK AS INDICATED ON THE DISTRICT 1 STANDARD TRAFFIC SIGNAL DESIGN DETAIL. THE CONTRACTOR SHALL MARK LOOP LOCATIONS ON RECORD DRAWINGS AND PRESENT TO THE ENGINEER AFTER FINAL INSPECTION. LOOPS SHALL BE MARKED BY LANE AND LOOP NUMBER. SEE DETAIL BELOW.
- 4. ALL LOOP CABLE SHALL BE FASTENED WITH PLASTIC TIE WRAP TO THE HANDHOLE HOOKS.
- 5. IN ASPHALT PAVEMENT, LOOPS SHOULD BE PLACED IN THE BINDER AND DIVEHOLES MARKED AT THE CURB WITH A SAW-CUT. THE SAW-CUT SHALL BE CUT IN ACCORDANCE WITH LOCAL AND E.P.A. DUST CONTROL REQUIREMENTS. DETECTOR LOOP(S) SHALL NOT BE INSTALLED IN WET CONDITIONS AND THE SAW-CUTS MUST BE FREE OF DEBRIS AND RESIDUE SUCH AS DUST AND WATER WHICH IS TO BE ACHIEVED BY THE USE OF COMPRESSED AIR, WIRE BRUSHING AND HEAT DRYING ACCORDING TO SEALANT MANUFACTURER REQUIREMENTS. THE DETECTOR WIRE SHALL BE HELD IN PLACE BY THE USE OF FORM WEDGES. WEDGES SHALL BE SPACED NO MORE THAN 18" (450 mm) APART.
- 6. LOOP SPLICES SHALL BE SOLDERED USING A SOLDERING IRON. BLOW TORCHES OR OTHER DEVICES WHICH OXIDIZE COPPER CABLE SHALL NOT BE ALLOWED FOR SOLDERING OPERATIONS. SEE DETAIL BELOW RIGHT.
- 7. PREFORMED DETECTOR LOOPS SHALL BE USED, AS SHOWN ON THE PLANS, WHERE NEW CONCRETE PAVEMENT IS PROPOSED. THE INSTALLATION OF PREFORMED LOOPS SHALL BE IN ACCORDANCE WITH THE DISTRICT 1 SPECIFICATIONS OR AS DIRECTED BY THE ENGINEER.

LOOP LEAD-IN CABLE TAG

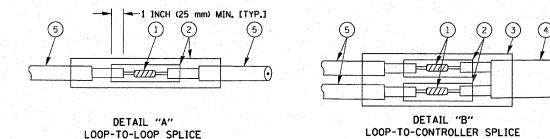


- A. LANE 1 IS THE LANE CLOSEST TO THE CENTERLINE OF THE ROADWAY
- B. LOOP *1 IS THE LOOP IN THE LANE CLOSEST TO THE INTERSECTION.
- C. LABEL LOOP CABLE "IN" OR LOOP CABLE "OUT".
- D. LABEL LOOP CABLE CLOCKWISE OR LOOP CABLE COUNTERCLOCKWISE.



DETECTOR LOOP WIRING SCHEMATIC

- " LOOPS SHALL BE SPLICED IN SERIES.
- SAW-CUTS SHALL BE A MINIMUM WIDTH OF 5/16" (8 mm).
- SAW-CUT DEPTHS SHALL BE 3" (75 mm). IF IN CONCRETE, THE SAW-CUT DEPTH SHALL BE TO THE TOP OF THE REINFORCEMENT.
- " LOOP CORNERS SHALL BE DRILLED WITH A 2" (50 mm) DIAMETER CORE.



LOOP DETECTOR SPLICE

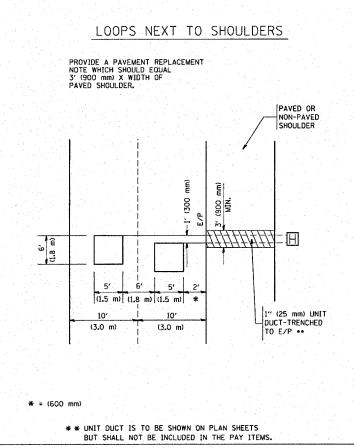
- 1) WESTERN UNION SPLICE SOLDERED WITH ROSIN CORE FLUX. ALL EXPOSED SURFACES OF THE SOLDER SHALL BE SMOOTH.
- (2) WCSMW 30/100 HEAT SHRINK TUBE, MINIMUM LENGTH 3" (75 mm), UNDERWATER GRADE.
- (3) WCS 200/750 HEAT SHRINK TUBE, MINIMUM LENGHT 6" (150 mm), UNDERWATER GRADE.
- (4) NO. 14 2/C TWISTED, SHIELDED CABLE.
- (5) LOOP CONDUCTOR WITH FLEXIBLE PLASTIC TUBE.

FILE NAME =	USER NAME = gaglianobt	DESIGNED - D.A.D.	REVISED - 11-12-01
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	PLOT SCALE = 50.0000 '/ IN.	CHECKED - D.A.Z.	REVISED -
	PLOT DATE = 1/4/2008	DATE - 05-30-00	REVISED -

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DEPARTMENT	OF	TRANSPORTATION	

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			DR	STRICT O	NE '			
		STANDARD	TRAFFI	C SIGNAL	L DESIGN	DETAILS		
SCALE	: NONE	SHEET NO. 1	0F 4	SHEETS	STA.	TO	STA.	

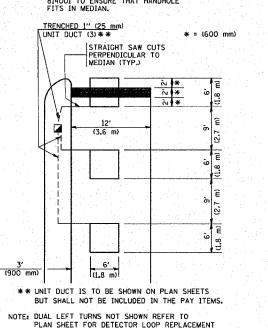
RTE. SECTION							COUNTY	TOTAL	SHEET NO.	
349 16RS-6							Т	WILL	21	20
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LEFT TURN LANES WITH MEDIANS VOLUME DENSITY ("FAR OUT" DETECTION) ON SAME APPROACH

(PROTECTED / PERMITTED LEFT TURN PHASING)

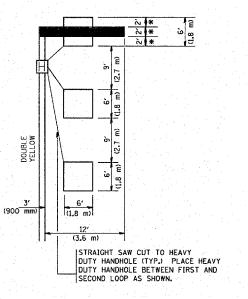
HANDHOLE LOCATION MAY VARY DEPENDING ON GEOMETRICS AND DESIGN OF TRAFFIC SIGNALS. HEAVY-DUTY HANDHOLES TO BE USED WHEN THE MEDIAN IS MOUNTABLE, REFER TO STANDARD 814001 TO ENSURE THAT HANDHOLE FITS IN MEDIAN.



LEFT TURN LANES WITHOUT MEDIANS VOLUME DENSITY ("FAR OUT" DETECTION) ON SAME APPROACH

(PROTECTED / PERMITTED LEFT TURN PHASING)

* = (600 mm)

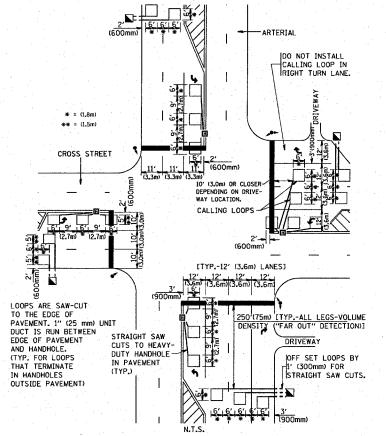


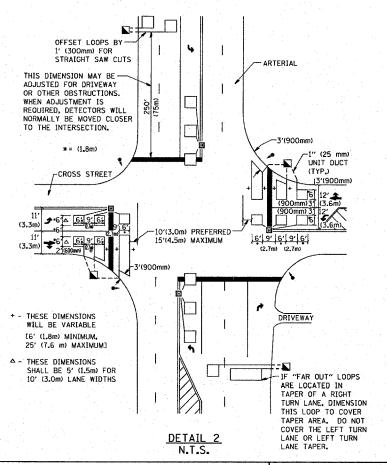
NOTE: DUAL LEFT TURNS NOT SHOWN REFER TO PLAN SHEET FOR DETECTOR LOOP REPLACEMENT

SCALE: NONE

ARTERIAL-VOLUME DENSITY ("FAR OUT" DETECTION)
CROSS STREET-VOLUME DENSITY ("FAR OUT" DETECTION)

ARTERIAL-VOLUME DENSITY ("FAR OUT" DETECTION)
CROSS STREET-NON VOLUME DENSITY ("UPTIGHT" PRESENCE DETECTION)





NOTES:

VEHICLES LOOP DETECTORS

- * ALL LEAD IN CABLE SHALL BE TWO CONDUCTOR NO. 14 TWISTED, SHIELDED.
- * EACH DETECTOR LOOP SHALL HAVE ITS OWN SAW CUT FROM THE LOOP TO THE EDGE OF PAVEMENT OR TO A HANDHOLE IN THE PAVEMENT.
- * EACH DETECTOR LOOP SHALL HAVE ITS OWN ONE INCH (25 mm) UNIT DUCT BETWEEN THE EDGE OF PAVEMENT AND THE FIRST HANDHOLE OR JUNCTION BOX. EACH UNIT DUCT RUN SHALL BE SHOWN ON THE PLANS BY THE DESIGNER, BUT SHALL NOT BE PAID FOR SEPARATLY. THIS ITEM IS INCIDENTAL TO THE PAY ITEM FOR DETECTOR LOOPS.
- * ONE DIMENSION OF <u>ALL</u> DETECTOR LOOPS SHALL BE SIX FEET (1.8 m)
- * EACH LANE OF NON-LOCKING, PRESENCE DETECTION AND EACH LANE OF A DOUBLE LEFT TURN LANE REQUIRES A SEPARATE INDUCTIVE LOOP DETECTOR AND LEAD IN CABLE.
- * WHEN NON-LOCKING, PRESENCE DETECTION IS USED. MORE
 THAN ONE LOOP PER LANE IS REQUIRED BEHIND THE STOP BAR
 (I.e. 1-1/2, 1-3/4, 2).
- * WHEN SYSTEM LOOPS ARE REQUIRED ON AN APPROACH OF AN INTERSECTION, THE LOOPS USED FOR VOLUME DENSITY AND INTERSECTION TIMING SHALL ALSO BE USED AS SYSTEM DETECTORS. EACH ONE OF THESE TYPE OF LOOPS REQUIRES A SEPARATE TWO CONDUCTOR NO. 14 TWISTED SHIELDED CABLE AND A SEPARATE INDUCTIVE LOOP DETECTOR WHEN NEW CONTROLLERS ARE UTILIZED. THE DESIGNER SHALL LABEL THESE TYPES OF LOOPS AS "INTERSECTION AND SAMPLING (SYSTEM) DETECTORS" ON THE SIGNAL LAYOUT, THE INTERCONNECT PLAN AND THE SYSTEM CABLE PLAN. WHEN AN EXISTING CONTROLLER IS UTILIZED FOR THIS TYPE OF DETECTION, THE PAY ITEM "INDUCTIVE LOOP DETECTOR WITH SYSTEM OUTPUT" SHOULD BE USED.

PLACEMENT OF DETECTORS

THE FOLLOWING FIGURES REPRESENT THE MOST COMMON DETECTOR LOOP LOCATIONS AND SIZES. ADJUSTMENTS WILL BE NECESSARY FOR SPECIFIC GEOMETRIC CONSIDERATIONS.

LOCATIONS AND DEMENSIONS OF DETECTOR LOOPS ARE REQUIRED ON $\underline{\mathsf{ALL}}$ SIGNAL LAYOUT PLAN SHEETS.

"FAR OUT" DETECTION REFERS TO LOCKING, PRESENCE TYPE DETECTION LOCATED IN THRU LANES, RIGHT TURN LANES, AND RIGHT TURN LANE TAPER AREAS (IF APPLICABLE), USUALLY 250' (75 m) IN ADVANCE OF STOP BARS. "UPTIGHT" DETECTION REFERS TO NON-LOCKING PRESENCE TYPE DETECTION LOCATED IN ALL LANES AND 10'-15' (3.0 m-4.5 m) BEHIND THE CROSSING STREET'S EDGE OF PAVEMENT EXTENDED.

NOTE:

ALL DETAILS AND NOTES SHOWN ARE FROM THE I.D.O.T. DISTRICT 1
TRAFFIC SIGNAL DESIGN GUIDELINES DATED JANUARY 1995

THIS DRAWING HAS BEEN PREPARED TO ASSIST THE RESIDENT ENGINEER FOR ALL ROADWAY RESURFACING OR S.M.A.R.T. PROJECTS WHERE THE DIMENSIONS ARE NOT SHOWN ON THE PLANS AND THE FINAL LOCATIONS FOR CROSSWALKS OR STOP BARS ARE NOT DETERMINED.

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DETAIL 1

N.T.S.

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

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