

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

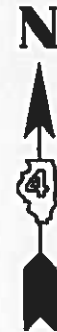
P.A.P. RITE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
399	36RS-10;35RS-8	TAZEWELL	16	J
		ILLINOIS	CONTRACT NO. 68E89	

INDEX OF SHEETS:

- 1 COVER SHEET
- 2 COMMITMENTS & GENERAL NOTES
- 3 SUMMARY OF QUANTITIES
- 4-7 TYPICAL SECTIONS
- 8-10 SCHEDULE OF QUANTITIES
- 11-13 LINE DIAGRAM
- 14-16 DISTRICT STANDARDS

HIGHWAY STANDARDS:

- 000001-07
- 701301-04
- 701502-09
- 701601-09
- 701701-10
- 701901-08
- 780001-05
- 781001-04



PROPOSED HIGHWAY PLANS

IL ROUTE 8 (FAP 399)/BUS 24 (FAU 6776)
SECTION 36RS-10;35RS-8
PROJECT
PARTIAL DEPTH PATCHING
TAZEWELL COUNTY

C-94-037-19

DESIGN DESIGNATION:

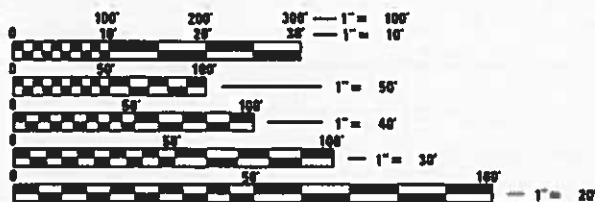
MINOR ARTERIAL

IL 8:
AVERAGE ADT = 13,300
AVERAGE MU = 1.35%
AVERAGE SU = 3.97%

IMPROVEMENT BEGINS
LEGION RD
STA 272+52.16

MINOR ARTERIAL

BUSINESS US 24:
AVERAGE ADT = 18,500
AVERAGE MU = 1.56%
AVERAGE SU = 3.69%



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 EXCAVATORS
1-800-892-0123
OR 811

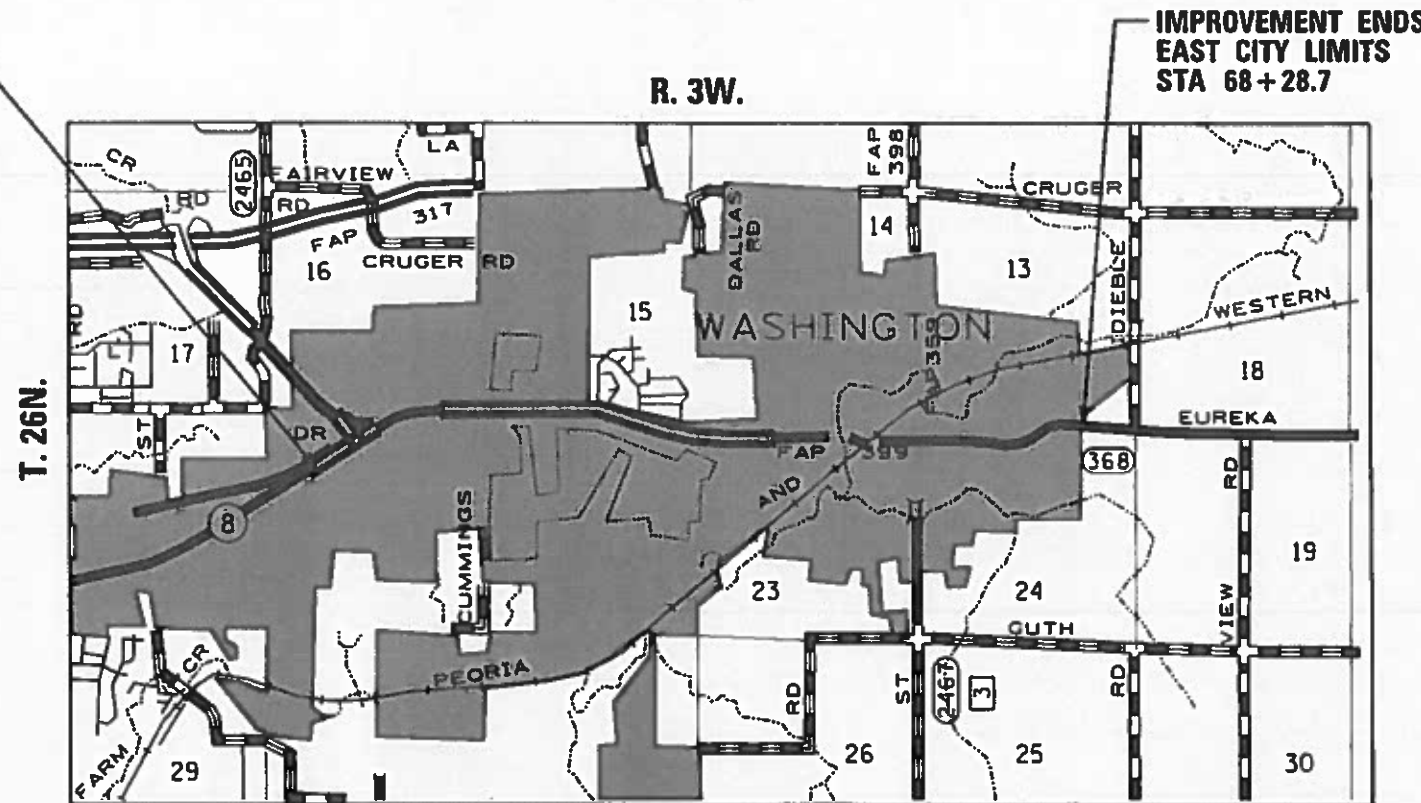
PROJECT ENGINEER: MIKE LEWIS (309) 671-3454
PROJECT MANAGER: ELIAS ELDERZI (309) 671-3459

CATALOG NO. 035725-00D
CONTRACT NO. 68E89

GROSS LENGTH = 19,641.6 FT. = 3.72 MILE
NET LENGTH = 19,641.6 FT. = 3.72 MILE



LOCATION OF SECTION INDICATED THUS: - [thick line] -



IMPROVEMENT ENDS
EAST CITY LIMITS
STA 68+28.7

DESCRIPTION:

PARTIAL DEPTH PATCHING ON IL 8 /BUS 24
FROM LEGION ROAD TO EAST CITY LIMITS
IN WASHINGTON

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUBMITTED Mar 26 20 19
Kennel A Barnett RSO
REGIONAL ENGINEER

May 10 20 19
[Signature]
ENGINEER OF DESIGN AND ENVIRONMENT

May 10 20 19
[Signature]
DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

PRINTED BY THE AUTHORITY
OF THE STATE OF ILLINOIS

COMMITMENTS

NO COMMITMENTS HAVE BEEN MADE FOR THIS PROJECT.

JOB SPECIFIC NOTES

- 1. ADDITIONAL FLAGGERS AT THE SIDEROADS SHALL BE INCLUDED IN THE COST OF TRAFFIC CONTROL STANDARD 701502.**
- 2. AT ANY TIME WHEN SCHOOL IS IN SESSION THERE WILL BE A TIME RESTRICTION FROM WILMOR ROAD TO THE EAST EDGE OF THE SQUARE. WORK WILL START AFTER 8:00 AM AND ALL LANES SHALL BE OPEN TO TRAFFIC BEFORE 3:00 PM.**
- 3. TWO CHANGEABLE MESSAGE SIGNS SHALL BE PLACED IN ADVANCE OF THE PROJECT. ONE FOR EACH DIRECTION OF TRAVEL ON IL 8 /BUS 24 ONE WEEK PRIOR TO THE START OF CONSTRUCTION.**

PROPERTY OWNER ACCESS REQUIREMENTS

Access must be maintained to all existing properties during construction per Article 107.09 unless arrangements are made in writing by the Contractor with the property owners with a copy to the Engineer for short-term closures.

CONSECUTIVE SIDE STREET (ROAD) CLOSURE – PROHIBITED

- 1. No two consecutive side streets (roads) may be closed at the same time during construction. The Contractor must alternate streets (roads).**
- 2. Adjacent sideroads will not be closed simultaneously. BLR Standard 21 shall be used for all local road closures without any entrances within the closed area. BLR Standard 22 can be used where it is necessary to allow local traffic access.**

HOT-MIX ASPHALT MIXTURE REQUIREMENTS

Mixture Use(s):	(HMA) SURFACE COURSE
AC/PC:	64-22
Design Air Voids:	4.0% N=50
Mixture Composition: (Gradation Mixture):	IL 9.5FG
Friction Aggregate:	MIX C
Quality Management:	QC / QA

Notes:

- 1) Individual lift thickness of each mix type will be no less than 3 times nominal maximum aggregate size and no more than 6 times nominal maximum.**
- 2) For design purposes, mixture weight for all mixes is determined to be 112.0 lb/s.y/in., unless otherwise noted.**

PAVEMENT STATIONING NUMBERS & PLACEMENT

The Contractor shall provide labor and materials required to imprint pavement station numbers in the finished surface of the pavement and/or overlay. The numbers shall be approximately 3/4 inch (20 mm) wide, 5 inches (125 mm) high and 5/8 inch (15 mm) deep.

The pavement station numbers shall be installed as specified herein:

Interval – 200 feet (English stationing) or 100 meters (metric stationing)

Bottom of Numbers – 6 inches (150 mm) from the inside edge of the pavement marking

Location:

- 2, 3, & 5 Lane Pavements – right edge of pavement in direction of increasing stations
- Multi-Lane Divided Roadways – outside edge of pavement in both directions
- Ramps – along baseline edge of pavement

Position – stations shall be placed so they can be read from the adjacent shoulder

Format – English (Metric) pavement stations shall use this format "XXX (XX + X00)", where X represents the pavement station

This work will not be paid for separately, but will be included in the cost of the associated pavement and/or overlay pay items.

MODEL: \\MODELS\NAME\$
FILE: \\NAME\$.PTB

USER NAME = \$USERS	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	COMMITMENTS & GENERAL NOTES		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
PLOT SCALE = \$SCALES	DRAWN -	REVISED -				399	36RS-10:35RS-8	TAZEWELL	16	2
PLOT DATE = \$DATES	CHECKED -	REVISED -		SCALE: SHEET OF SHEETS STA. TO STA.		ILLINOIS FED. AID PROJECT		CONTRACT NO. 68E89		
	DATE -	REVISED -								

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE	
				100% STATE	
				ROADWAY	
				0005	
	URBAN				
67100100	MOBILIZATION	L SUM	1	1	
70102622	TRAFFIC CONTROL AND PROTECTION, STANDARD 701502	L SUM	1	1	
70102630	TRAFFIC CONTROL AND PROTECTION, STANDARD 701601	L SUM	1	1	
70102635	TRAFFIC CONTROL AND PROTECTION, STANDARD 701701	L SUM	1	1	
70107025	CHANGEABLE MESSAGE SIGN	CAL DA	14	14	
* 78001100	PAINT PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	62.4	62.4	
* 78001110	PAINT PAVEMENT MARKING - LINE 4"	FOOT	2448	2448	
* 78001130	PAINT PAVEMENT MARKING - LINE 6"	FOOT	218	218	
* 78001140	PAINT PAVEMENT MARKING - LINE 8"	FOOT	495	495	
* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	34	34	
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	34	34	
X0556100	PARTIAL DEPTH PATCHING (SPECIAL)	SQ YD	2988	2988	
X4421000	PARTIAL DEPTH PATCHING	TON	251	251	

*= SPECIALTY ITEM

MODEL: #MODELNAME\$
FILE NAME: \$FILE\$

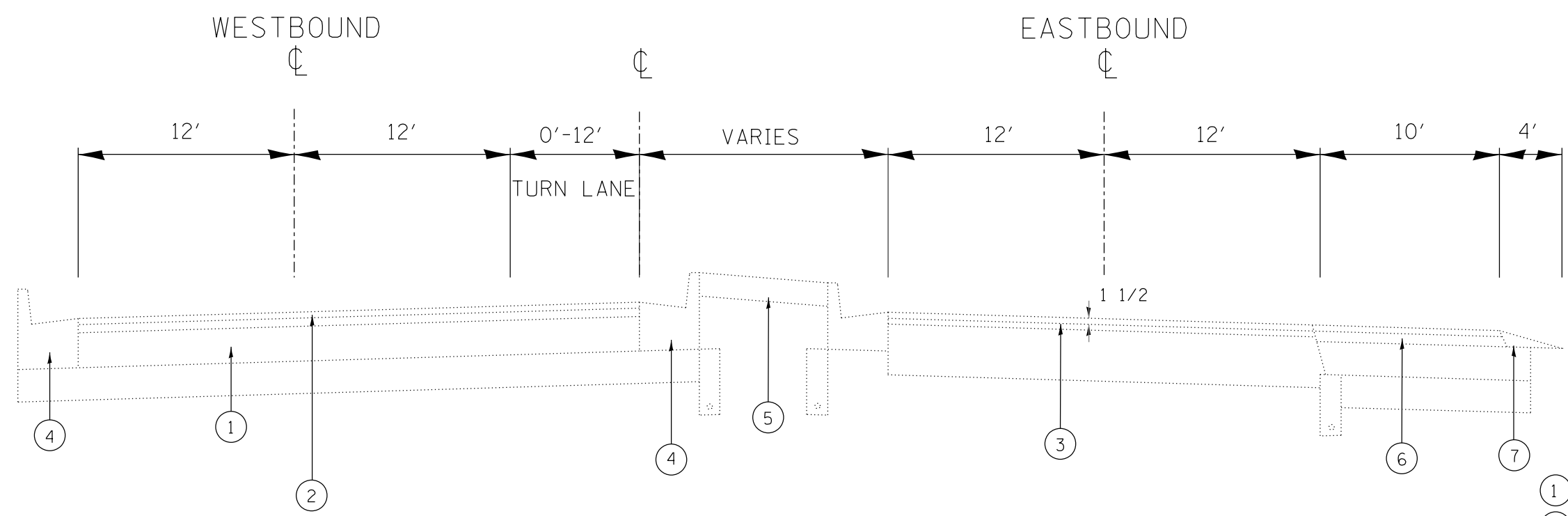
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	DRAWN -	REVISED -
PLOT SCALE = \$SCALE*	CHECKED -	REVISED -
PLOT DATE = \$DATE*	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

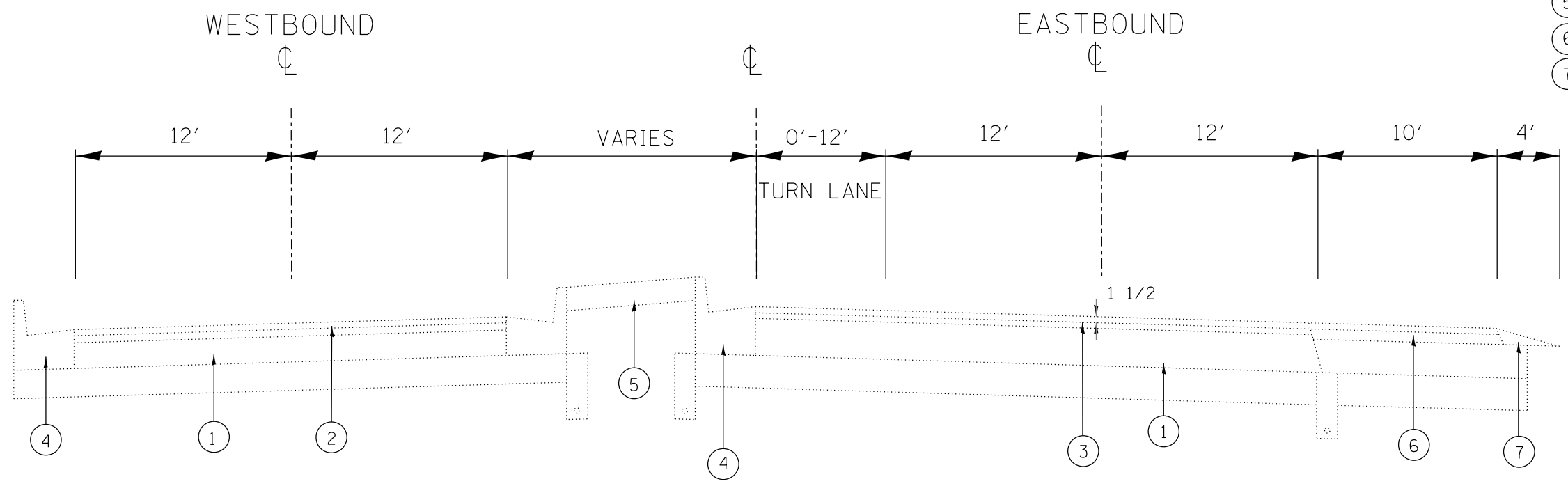
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
399	36RS-10;35RS-8	TAZEWELL	16	3
				CONTRACT NO. 68E89

ILLINOIS FED. AID PROJECT



IL RT. 8
 STA. 271+00 TO STA. 273+00 (TURNING LANES)

- LEGEND:
- ① EXISTING CONCRETE PAVEMENT
 - ② EXISTING HOT MIX ASPHALT OVERLAY
 - ③ EXISTING AREA REFLECTIVE CRACK CONTROL
 - ④ EXISTING CONCRETE CURB AND GUTTER
 - ⑤ EXISTING MEDIAN (GRASS OR PCC)
 - ⑥ EXISTING HOT MIX ASPHALT SHOULDER
 - ⑦ EXISTING AGGREGATE SHOULDER



IL RT. 8
 STA. 273+00 TO STA. 289+00
 STA. 279+71.14 TO 289+00 (TURNING LANES)

MODEL: 340BENAMES
FILE NAME: 3115

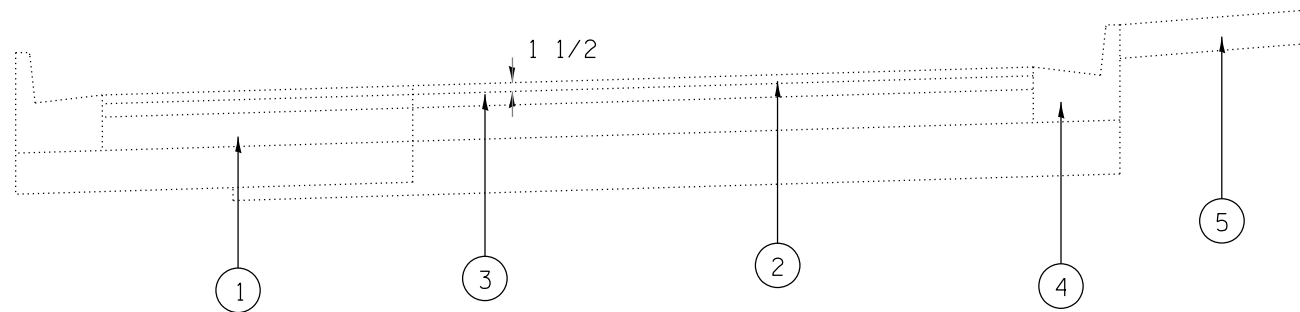
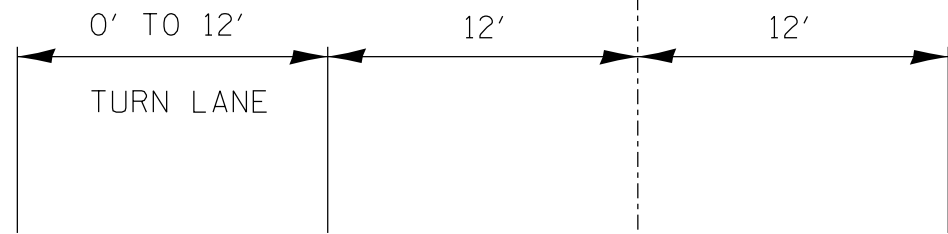
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	DRAWN -	REVISED -
PLOT SCALE = \$SCALE\$	CHECKED -	REVISED -
PLOT DATE = \$DATE\$	DATE -	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

EXISTING TYPICALS	
SCALE:	SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
399	36RS-10:35RS-8	TAZEWELL	16	4
CONTRACT NO. 68E89				
ILLINOIS FED. AID PROJECT				

WESTBOUND



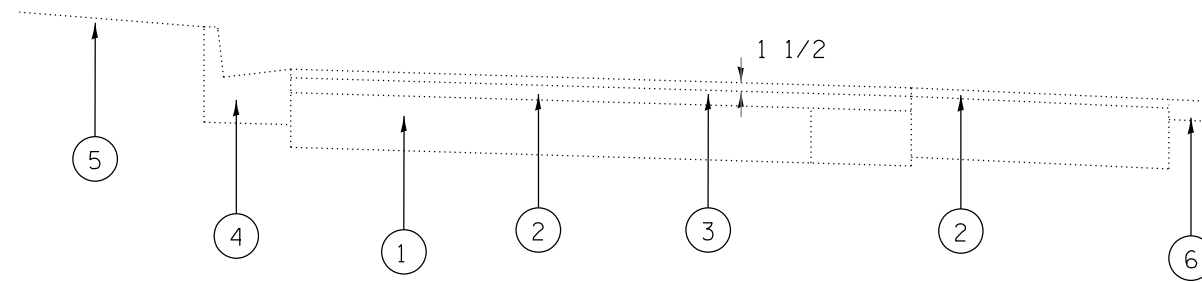
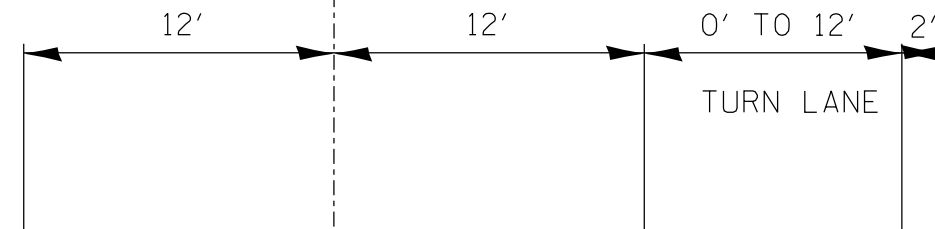
(IL RT. 8 / BUS 24)

RIGHT TURN LANE - STA. 318+60 TO STA. 322+25 (LT)

LEGEND:

- ① EXISTING CONCRETE PAVEMENT
- ② EXISTING HOT MIX ASPHALT OVERLAY
- ③ EXISTING AREA REFLECTIVE CRACK CONTROL
- ④ EXISTING CONCRETE CURB AND GUTTER
- ⑤ EXISTING MEDIAN (GRASS OR PCC)
- ⑥ EXISTING HOT MIX ASPHALT SHOULDER
- ⑦ EXISTING AGGREGATE SHOULDER

EASTBOUND



IL RT. 8/BUS U.S. RT. 24

RIGHT TURN LANE - STA. 312+15 TO STA. 315+90 (RT)

MODEL: 340BENAMES
FILE NAME: 37153

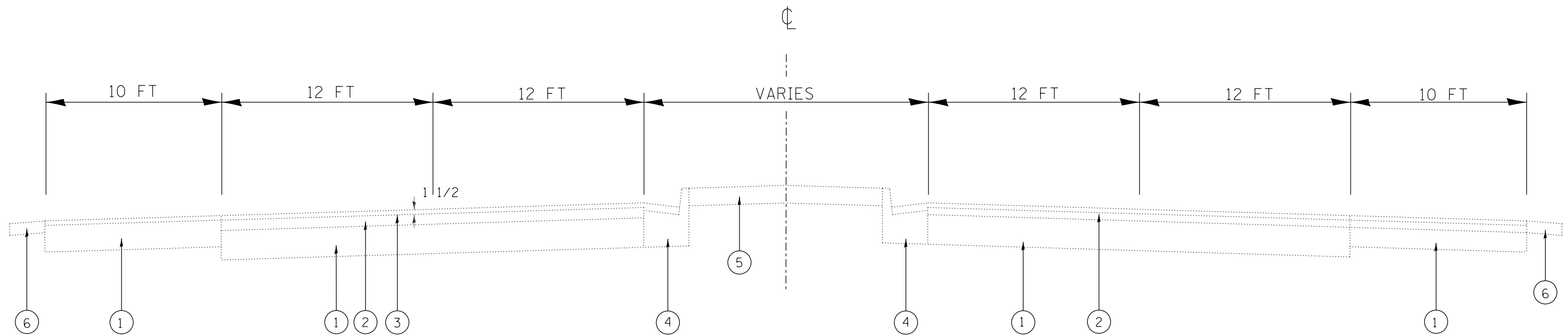
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	DRAWN -	REVISED -
PLOT SCALE = \$SCALE\$	CHECKED -	REVISED -
PLOT DATE = \$DATE\$	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING TYPICALS

SCALE: SHEET OF SHEETS STA. TO STA.

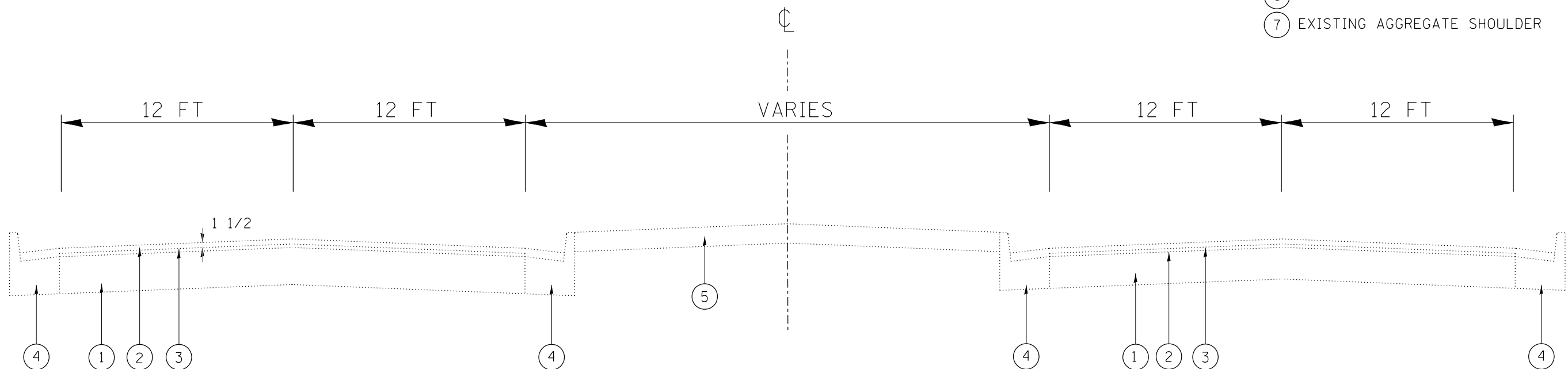
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
399	36RS-10:35RS-8	TAZEWELL	16	5
CONTRACT NO. 68E89				
ILLINOIS		FED. AID PROJECT		



BUS 24
STA. 317+11 TO 337+43

LEGEND:

- ① EXISTING CONCRETE PAVEMENT
- ② EXISTING HOT MIX ASPHALT OVERLAY
- ③ EXISTING AREA REFLECTIVE CRACK CONTROL
- ④ EXISTING CONCRETE CURB AND GUTTER
- ⑤ EXISTING MEDIAN (GRASS OR PCC)
- ⑥ EXISTING HOT MIX ASPHALT SHOULDER
- ⑦ EXISTING AGGREGATE SHOULDER



BUS 24
STA. 337+43 TO 392+34

MODEL: 340DELMAMES
FILE NAME: 31113

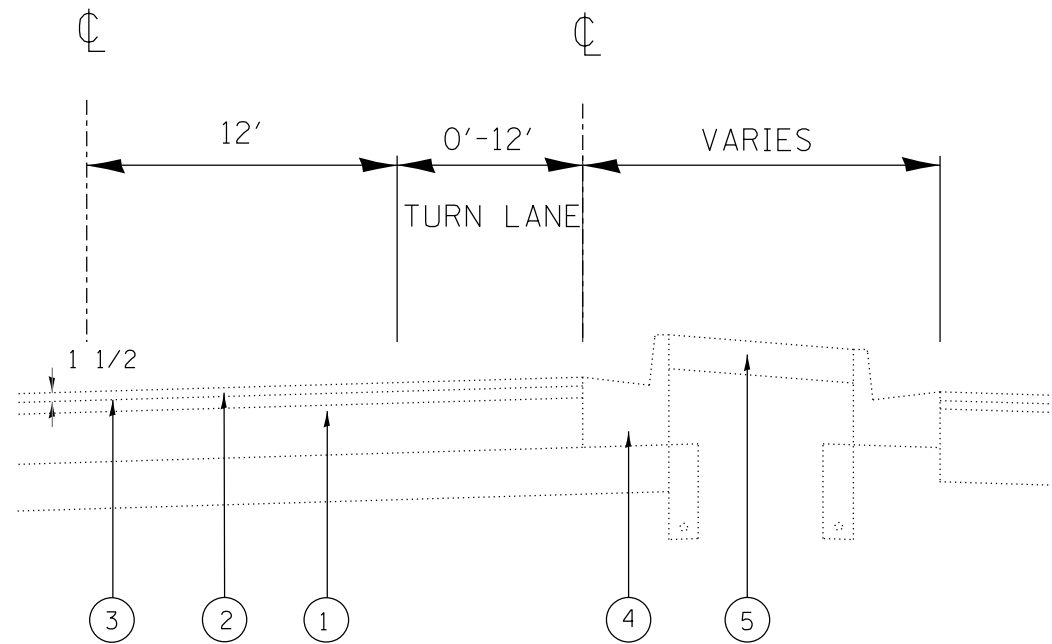
USER NAME = \$USERS	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = \$SCALE\$	CHECKED -	REVISED -
PLOT DATE = \$DATE\$	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING TYPICALS			
SCALE:	SHEET	OF SHEETS	STA. TO STA.

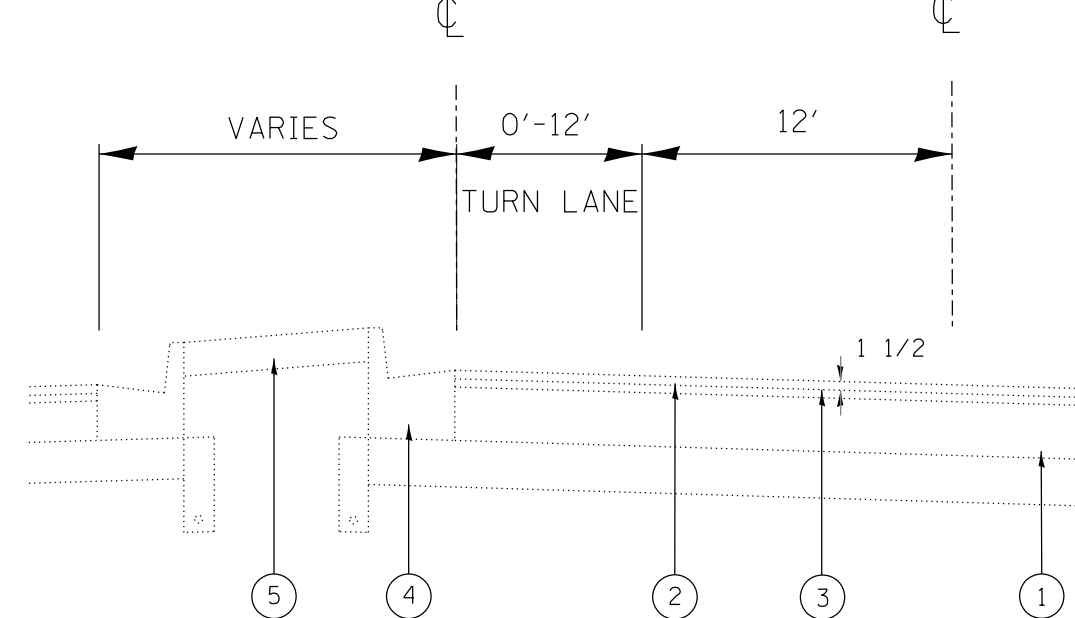
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
399	36RS-10:35RS-8	TAZEWELL	16	6
CONTRACT NO. 68E89				
ILLINOIS FED. AID PROJECT				

WESTBOUND
⊕

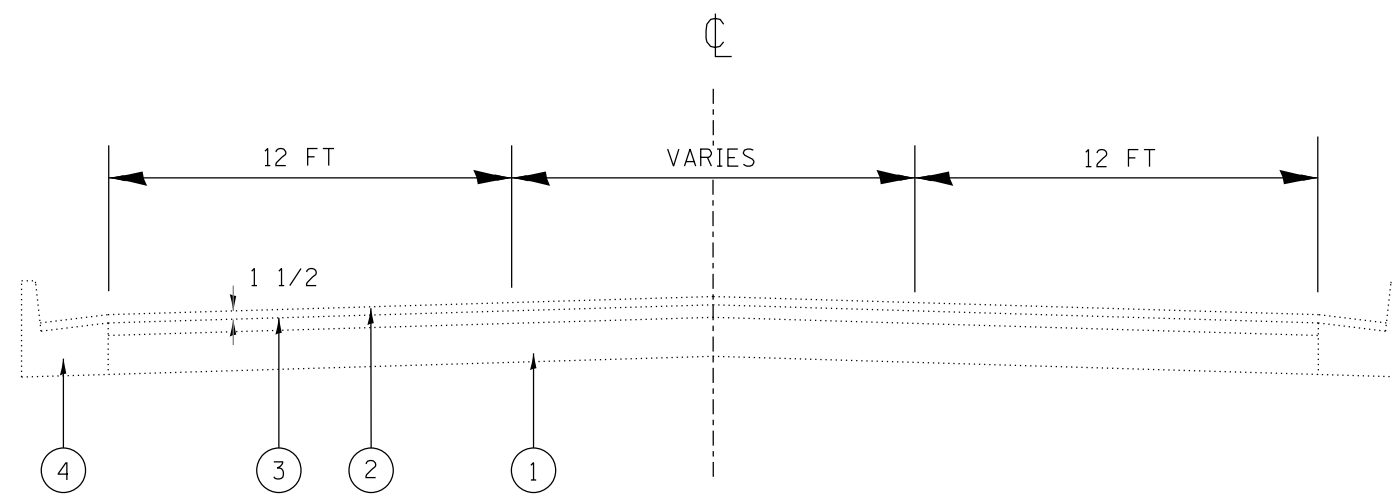


BUS 24
STA. 271+00 TO STA. 273+00 (TURNING LANES)

EASTBOUND
⊕



F.A.U. 6713 IL RT. 8
STA. 273+00 TO STA. 289+00
STA. 279+71.14 TO 289+00 (TURNING LANES)



BUS 24
STA. 392+34 TO 68+28.7

LEGEND:

- ① EXISTING CONCRETE PAVEMENT
- ② EXISTING HOT MIX ASPHALT OVERLAY
- ③ EXISTING AREA REFLECTIVE CRACK CONTROL
- ④ EXISTING CONCRETE CURB AND GUTTER
- ⑤ EXISTING MEDIAN (GRASS OR PCC)
- ⑥ EXISTING HOT MIX ASPHALT SHOULDER
- ⑦ EXISTING AGGREGATE SHOULDER

MODEL: 340DELMAMES
FILE NAME: 31113

USER NAME = \$USERS	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = \$SCALE\$	CHECKED -	REVISED -
PLOT DATE = \$DATE\$	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING TYPICALS

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
399	36RS-10:35RS-8	TAZEWELL	16	7
CONTRACT NO. 68E89				
ILLINOIS		FED. AID PROJECT		

Crossroad	Lane	Eastbound		Area	PARTIAL	PARTIAL	Crossroad	Lane	Westbound		Area	PARTIAL	PARTIAL
		length	width		DEPTH	DEPTH			length	width		DEPTH	DEPTH
					PATCHING	PATCHING						PATCHING	PATCHING
		FT	FT	SY	SY	TON			FT	FT	SY	SY	TON
Legion							Legion						
	PL	20	12.5	27.78	27.78	2.33							
	PL	30	12.5	41.67	41.67	3.50							
	CL	70	3	23.33	23.33	1.96							
McClugage Rd.							McClugage Rd.						
	TL	150	12.5	208.33	208.33	17.50		PL	30	12.5	41.67	41.67	3.50
								PL	30	12.5	41.67	41.67	3.50
								DL	50	12.5	69.44	69.44	5.83
							Highwoods Rd.						
								TL	30	3	10.00	10.00	0.84
								PL	20	14.5	32.22	32.22	2.71
Lakeshore													
Cummings Ln.							Cummings Ln.						
	PL	30	14.5	48.33	48.33	4.06		TL	60	12.5	83.33	83.33	7.00
	PL	40	14.5	64.44	64.44	5.41		TL	60	12.5	83.33	83.33	7.00
	PL	40	14.5	64.44	64.44	5.41		EL	60	3	20.00	20.00	1.68
	PL	100	14.5	161.11	161.11	13.53							
	DL	30	6	20.00	20.00	1.68							
Sterling St.							Sterling St.						
Georgetown Rd.							Mt Vernon Dr						
	EL	30	3	10.00	10.00	0.84		EL	100	3	33.33	33.33	2.80
	CL /TL	120	3	40.00	40.00	3.36		CL	50	3	16.67	16.67	1.40
	EL	30	3	10.00	10.00	0.84		DL	100	14.5	161.11	161.11	13.53
	CL	30	3	10.00	10.00	0.84		CL	100	3	33.33	33.33	2.80
	PL	100	14.5	161.11	161.11	13.53							
	Outside PL	50	3	16.67	16.67	1.40							
	PL	30	14.5	48.33	48.33	4.06							
	PL	30	14.5	48.33	48.33	4.06							
	TL	70	14.5	112.78	112.78	9.47							
							Gillman Ave.						
Hillcrest Dr.							Jefferson St.						
	PL	40	14.5	64.44	64.44	5.41							
	TL	25	14.5	40.28	40.28	3.38							
							Eagle Ave.						
								CL	30	3	10.00	10.00	0.84
Willa Ln.													
Muller Rd.													
Wilmore Rd.							Wilmore Rd.						
SUBTOTAL				1221.39	1221.39	102.60					636.11	636.11	53.43
SUBTOTAL PARTIAL DEPTH PATCHING (SPL)				1857.50	SY								
SUBTOTAL PARTIAL DEPTH PATCHING				156.03	TON								

LEGEND

PL = PASSING LANE
DL = DRIVING LANE
CL = CENTER LANE
TL = TURNING LANE
EL = EDGE LINE

MODEL: 340DELENAME
FILE NAME: 31113

USER NAME = \$USERS	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = \$\$SCALE\$	CHECKED -	REVISED -
PLOT DATE = \$DATES	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCALE:				SHEET	OF	SHEETS	STA.	TO	STA.
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SCHEDULE OF QUANTITIES

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
399	36RS-10:35RS-8	TAZEWELL	16	9
CONTRACT NO. 68E89			ILLINOIS FED. AID PROJECT	

Crossroad	Lane	Eastbound		Area	PARTIAL DEPTH PATCHING (SPL)	PARTIAL DEPTH PATCHING	Crossroad	Lane	Westbound		Area	PARTIAL DEPTH PATCHING (SPL)	PARTIAL DEPTH PATCHING
		length	width						length	width			
		FT	FT	SY	SY	TON			FT	FT	SY	SY	TON
							Bondurant St.						
								DL	30	14.5	48.33	48.33	4.06
Court Dr.													
	DL	70	6	46.67	46.67	3.92							
	Inside EL	150	3	50.00	50.00	4.20							
Franklin St.													
Tiezzi Ln.							Tiezzi Ln.						
								DL	20	14.5	32.22	32.22	2.71
								DL	20	14.5	32.22	32.22	2.71
Spring St.													
	DL	30	14.5	48.33	48.33	4.06							
	DL	30	14.5	48.33	48.33	4.06							
Zinser Pl.							Zinser Pl.						
								DL	30	14.5	48.33	48.33	4.06
Wood St.							Wood St.						
Market St.							Market St.						
							Herbert Ln.						
Main St.							Main St.						
Ford Ln.													
High St.							High St.						
	CL	100	3	33.33	33.33	2.80		DL	60	14.5	96.67	96.67	8.12
								DL	40	14.5	64.44	64.44	5.41
Elm St.							Elm St.						
	DL	20	14.5	32.22	32.22	2.71							
Pine St.							Pine St.						
	DL	20	14.5	32.22	32.22	2.71							
Church St.							Church St.						
	DL	20	14.5	32.22	32.22	2.71							
	DL	30	6	20.00	20.00	1.68							
Spruce St.							Spruce St.						
	DL	150	14.5	241.67	241.67	20.30							
	DL	30	14.5	48.33	48.33	4.06							
Cedar St.							Cedar St.						
	DL	50	14.5	80.56	80.56	6.77							
	DL	20	6	13.33	13.33	1.12							
Harvey St.							Harvey St.						
Lawndale Ave.							Lawndale Ave.						
								DL	50	14.5	80.56	80.56	6.77
Lynn St.							Lynn St.						
SUBTOTAL				727.22	727.22	61.09					402.78	402.78	33.83
SUBTOTAL PARTIAL DEPTH PATCHING (SPL)				1130.00 SY									
SUBTOTAL PARTIAL DEPTH PATCHING				94.92 TON									

LEGEND

PL = PASSING LANE
DL = DRIVING LANE
CL = CENTER LANE
TL = TURNING LANE
EL = EDGE LINE

SUBTOTAL PARTIAL DEPTH PATCHING SPL PG 9	1857.50 SY
SUBTOTAL PARTIAL DEPTH PATCHING SPL PG 10	1130.00 SY
TOTAL PARTIAL DEPTH PATCHING SPL	2987.50 SY

SUBTOTAL PARTIAL DEPTH PATCHING PG 9	156.03 TON
SUBTOTAL PARTIAL DEPTH PATCHING PG 10	94.92 TON
TOTAL PARTIAL DEPTH PATCHING	250.95 TON

MODEL: \\MODELS\FILES
FILE NAME: 31113

USER NAME = \$USERS	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = \$SCALES	CHECKED -	REVISED -
PLOT DATE = \$DATES	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCHEDULE OF QUANTITIES

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
399	36RS-10:35RS-8	TAZEWELL	16	10
ILLINOIS FED. AID PROJECT			CONTRACT NO. 68E89	



BUS 24/IL 8
MCCLUGAGE RD
STA 284+77.81

IL 8/WASHINGTON RD

LEGION RD
STA 272+52.16

HIGHWOODS RD
STA 296+39.73

LAKESHORE DR
STA 303+63.67

STATION EQUATION
P.T.STA 302+51.71 (BACK)
P.T.STA 302+69.09 (AHEAD)

IMPROVEMENT BEGINS
STA 272+52.16

N CUMMINGS LN
STA 317+10.78

S CUMMINGS LN

STERLING ST
STA 322+62.88

STERLING ST

MT VERNON DR

GEORGETOWN RD
STA 331+19.97

DRAWING NOT TO SCALE

MODEL: \$MODELNAME\$
FILE NAME: \$FILE\$

USER NAME = \$USERS	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = \$SCALE\$	CHECKED -	REVISED -
PLOT DATE = \$DATE\$	DATE -	REVISED -

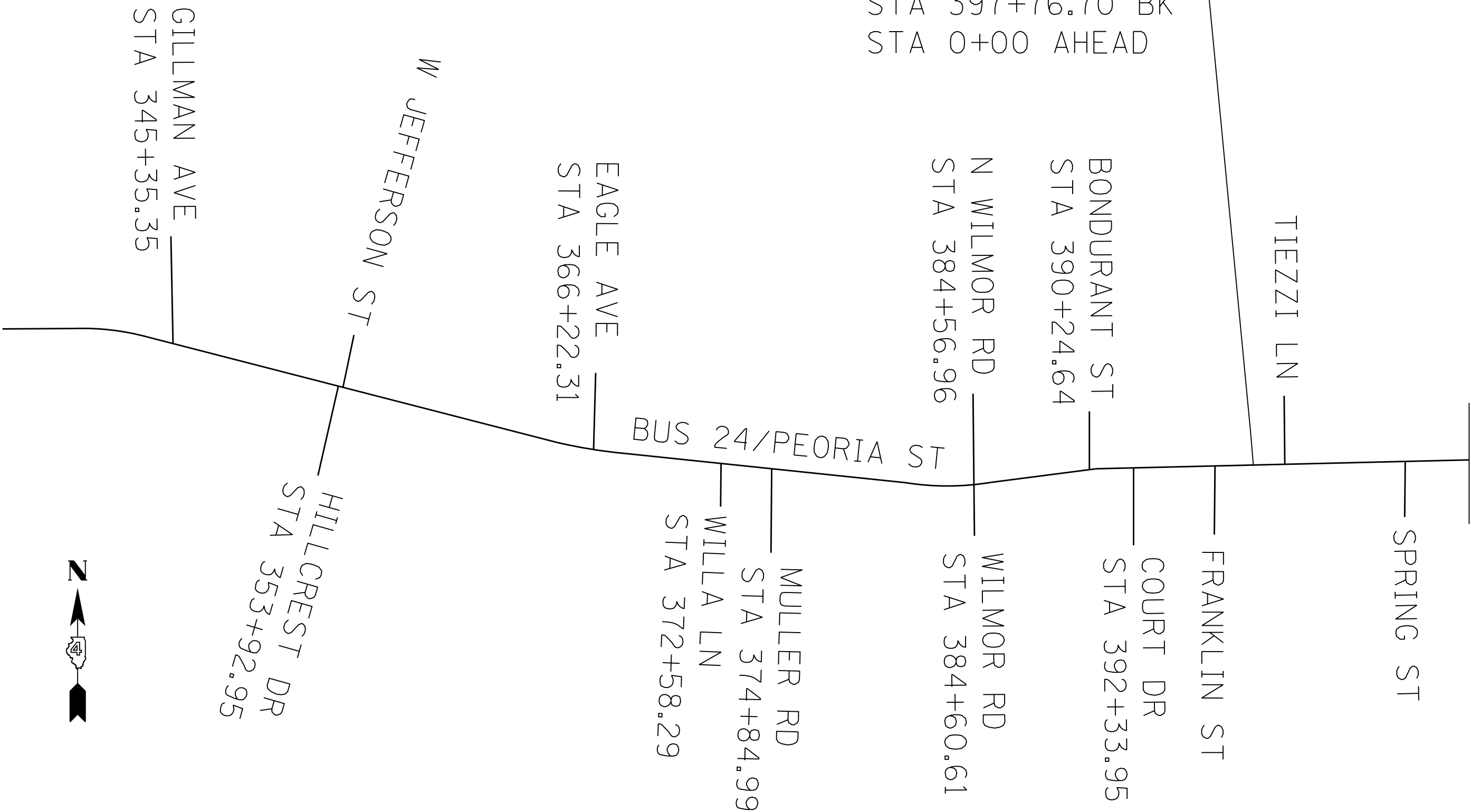
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

LINE DIAGRAM

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
399	36RS-10:35RS-8	TAZEWELL	16	11
CONTRACT NO. 68E89				
ILLINOIS FED. AID PROJECT				

STA EQUATION
 STA 397+76.70 BK
 STA 0+00 AHEAD



DRAWING NOT TO SCALE

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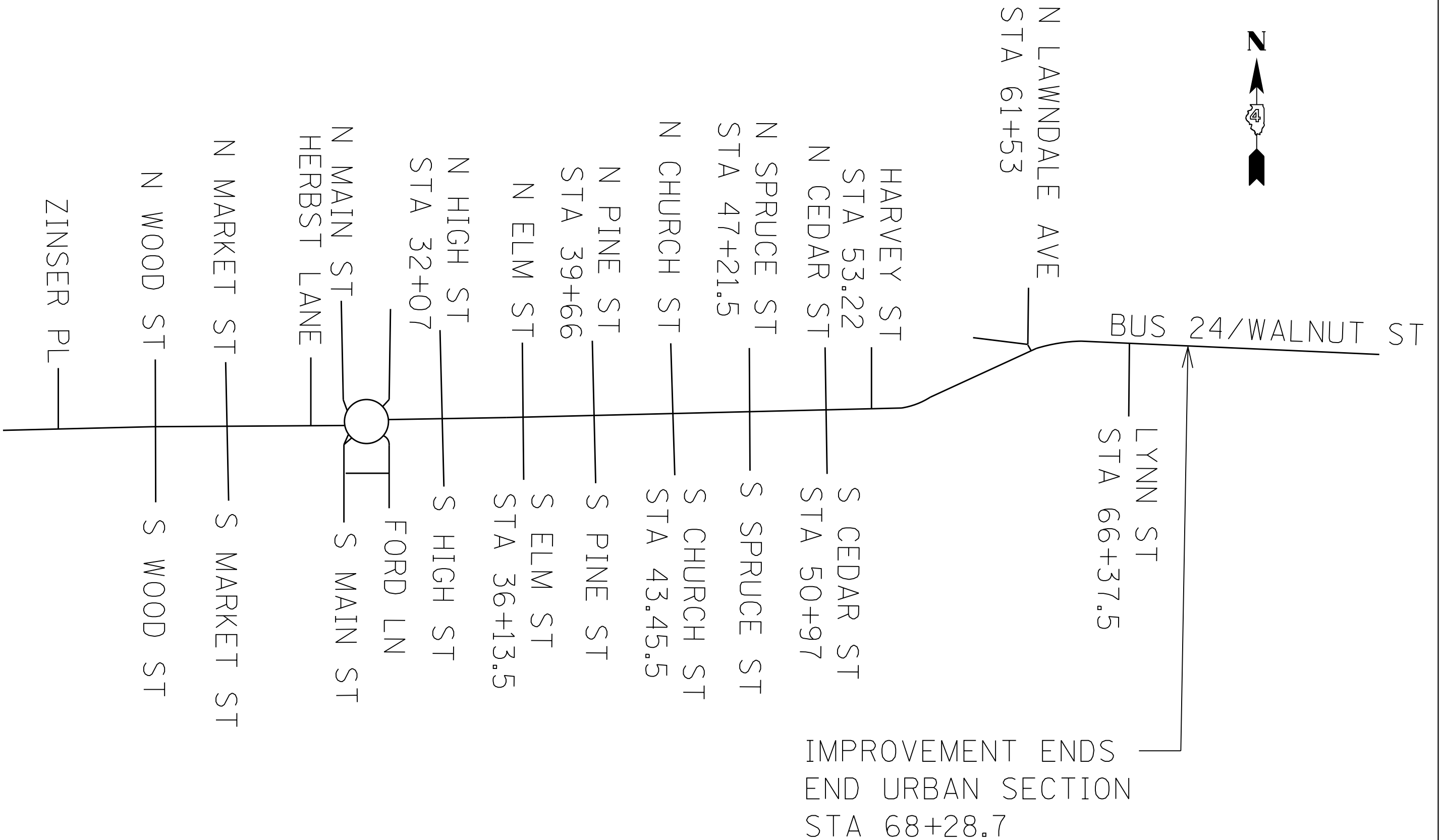
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	DRAWN -	REVISED -
PLOT SCALE = \$SCALE\$	CHECKED -	REVISED -
PLOT DATE = \$DATE\$	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

LINE DIAGRAM

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
399	36RS-10:35RS-8	TAZEWELL	16	12
CONTRACT NO. 68E89			ILLINOIS FED. AID PROJECT	



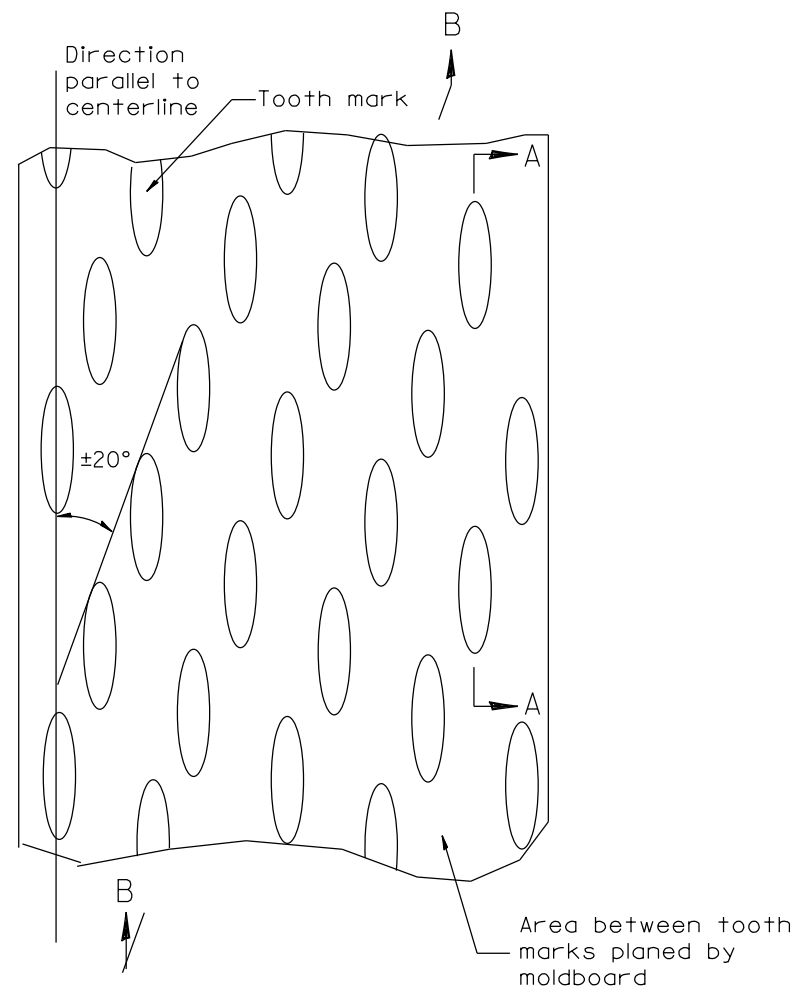
DRAWING NOT TO SCALE

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399	36RS-10:35RS-8	TAZEWELL	16	13
ILLINOIS			FED. AID PROJECT	

LINE DIAGRAM				
SCALE:	SHEET	OF	SHEETS	STA. TO STA.

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

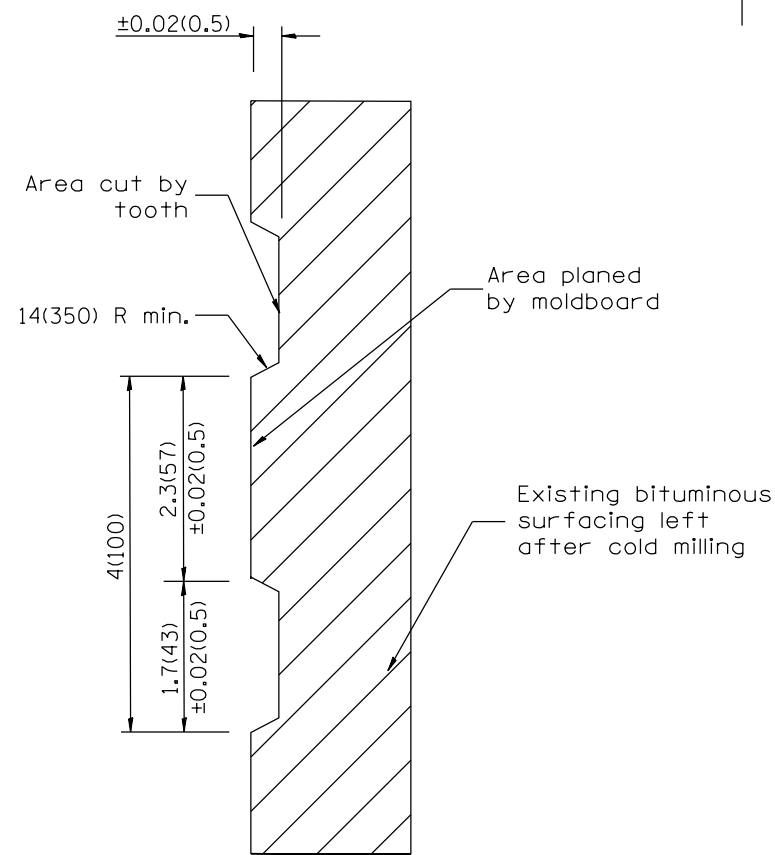
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	DATE -	REVISED -



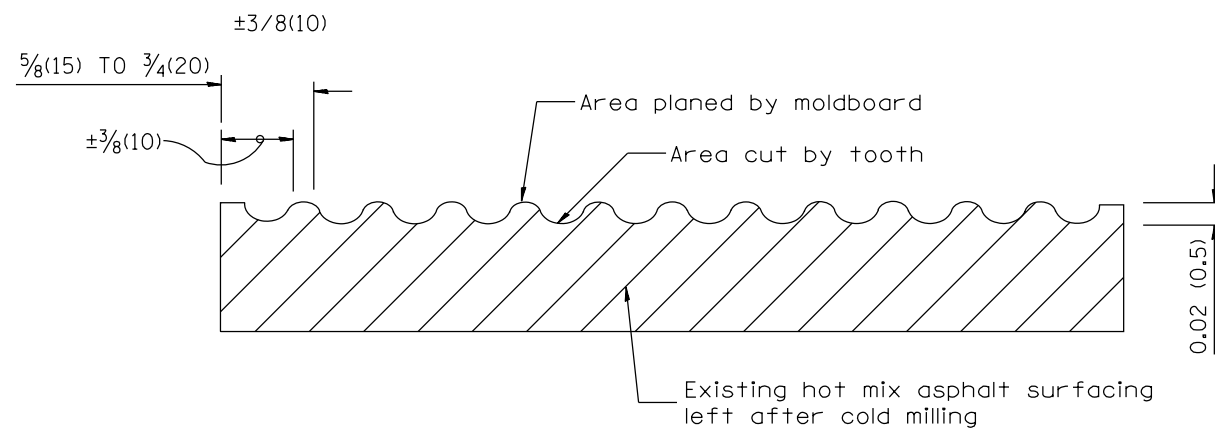
PLAN

General notes:

1. Coldmilling shall consist of two processes: Cutting with carbide teeth mounted on a rotating drum, and planing with a moldboard mounted immediately behind the cutting drum.
2. Other similar patterns will be acceptable if they consist of a smooth, flat, planed surface interspersed with a pattern of discontinuous longitudinal striations.



SECTION A-A



SECTION B-B PROJECTED
PERPENDICULAR TO CENTERLINE

DESIGNER NOTES:
1. INCLUDE DISTRICT SPECIAL PROVISION, IF APPLICABLE.

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

01-01-97	RENUM. C-104.01, NEW REVISION BOX	T.P.
04-20-98	REMOVED MILLING DETAIL FROM STANDARD	J.A.
09-08-98	CORRECT NOTE LEADER PLACEMENT	R.W.
10-16-06	REVISED TO 2007 SPEC.	M.A.

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

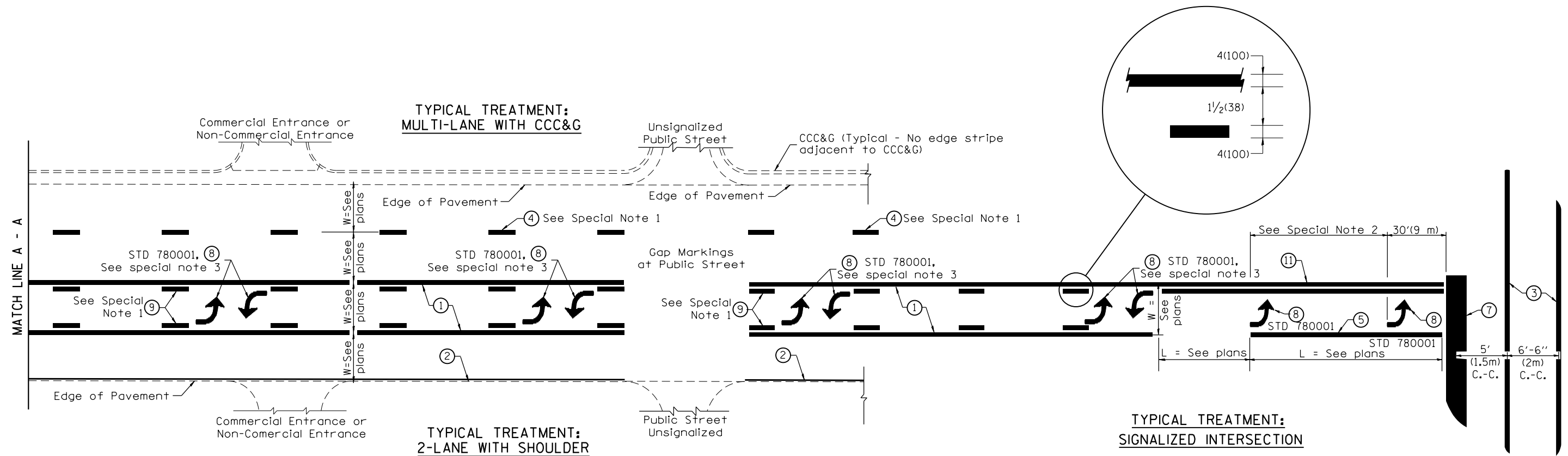
HOT MIX ASPHALT SURFACE REMOVAL (COLD MILLING)

NOT TO SCALE

CADD STD. 440001-D4

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
399	36RS-10;35RS-8	TAZEWELL	16	14
CONTRACT NO. 68E89				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

DESIGNER NOTES:
1. Include State Standard 780001 (Typical Pavement Markings)



FLUSH PAVED MEDIAN: TWO-WAY LEFT TURN LANE WITH ONE-WAY LEFT TURN LANE AT SIGNALIZED INTERSECTION

TYPICAL PAVEMENT MARKING LEGEND

(Note: This is a District Standard Legend. Some elements may not apply to specific project.)

- ① 4(100) Solid (Yellow)
- ② 4(100) Solid (White)
- ③ 2-6(150) Crosswalk @ 6'-6" (2m)min C.-C. (White)
2-8(200) Crosswalk @ 6'-6" (2m)min C.-C. (White) (When traffic signals are present.)
- ④ 6(150) Skip-Dash (White) (See Special Note 1)
- ⑤ 8(200) Solid (White)
- ⑥ 12(300) Diagonal (White) (Item ⑥ is shown on Std. 780001)
- ⑦ 24(600) Stop Bar (White)
- ⑧ Letters & Arrows (See Std. 780001 and Special Notes 2 & 3)
- ⑨ 4(100) Skip-Dash (Yellow) (See Special Note 1)
- ⑩ 12(300) Diagonal (Yellow) (See Table A) ⑩
- ⑪ 4(100) Double Solid (Yellow) ⑪

SPECIAL NOTES

1. Skip-Dash markings will be centered between both ends of city blocks and shall be placed in alignment transversely across the pavement.
2. The following shall apply to arrows located in one-way left turn lanes:
 - A. A minimum of two (2) arrows is required.
 - B. The maximum spacing between arrows is 80' (24 m).
 - C. Arrows shall be evenly spaced if three (3) or more are required.
3. The following shall apply to arrow pairs located in two-way left turn lanes:
 - A. A minimum of two (2) arrow pairs is required.
 - B. The maximum spacing between arrow pairs is 200' (61 m).
 - C. Arrow pairs shall be evenly spaced if three (3) or more are required.
 - D. The spacing between Bi Directional Left Turn Arrows is 33' (10 m).

GENERAL NOTES

1. Refer to State Standard 780001 for additional Pavement Markings including letters & arrows.
2. See Plans for Pavement Markings adjacent to curbed islands and medians, and through lane reductions.
3. Refer to Article 780.13 for letter, number and symbol areas (sq. ft.)
4. Areas are grooved 1" beyond each edge for the following symbols:
 - Through Arrow= 14.8 sq. ft.
 - Large Left or Right Arrow= 21.9 sq. ft.
 - 2 Arrow Combination Left (or Right) and Through= 34.9 sq. ft.
 - Wrong Way Arrow= 29.5 sq. ft.
 - Railroad Crossing Symbol= 69.8 sq. ft.
 (For further information, refer to BDE Special Provision: Grooving for Recessed Pavement Markings)

01-01-97	RENUM. F-8.03, NEW REVISION BOX	T.P.	10-16-06	REVISED TO 2007 SPEC.	
02-07-97	ADD BI DIRECTIONAL DIMENSION	J.A.	2/29/16	ADDED GROOVING AREAS	R.D.
10-97	CORRECT BI DIRECTIONAL DIMENSION	J.A.			
08-02	ADD CROSSWALK DMNS. WITH T.S.	M.A.			

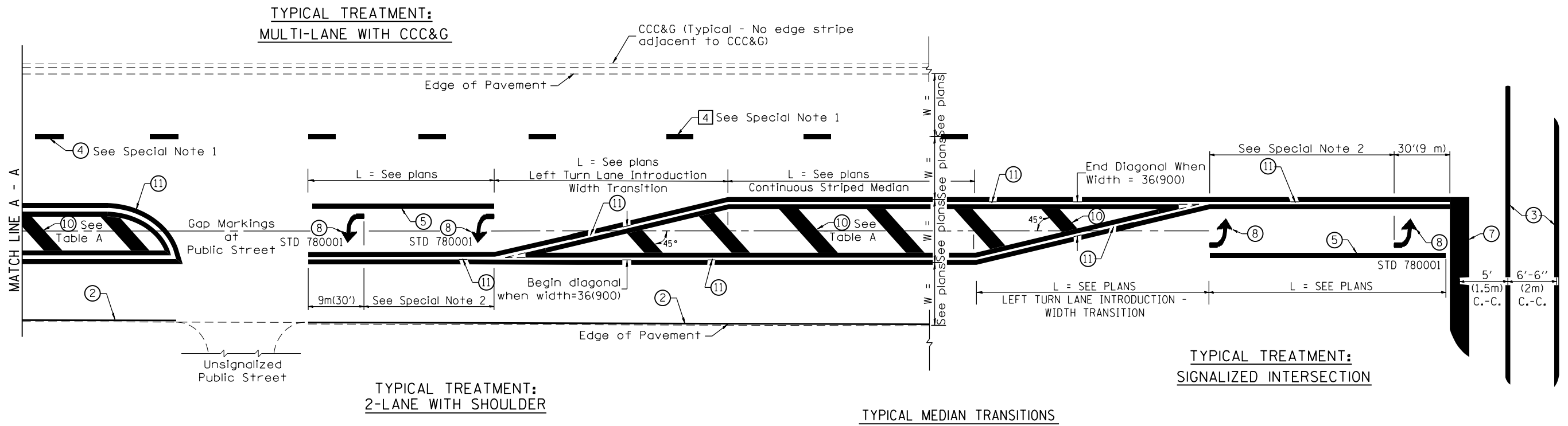
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

NOT TO SCALE

TYPICAL PAVEMENT MARKINGS

SHT. 1 OF 2
CADD STD. 780001-D4

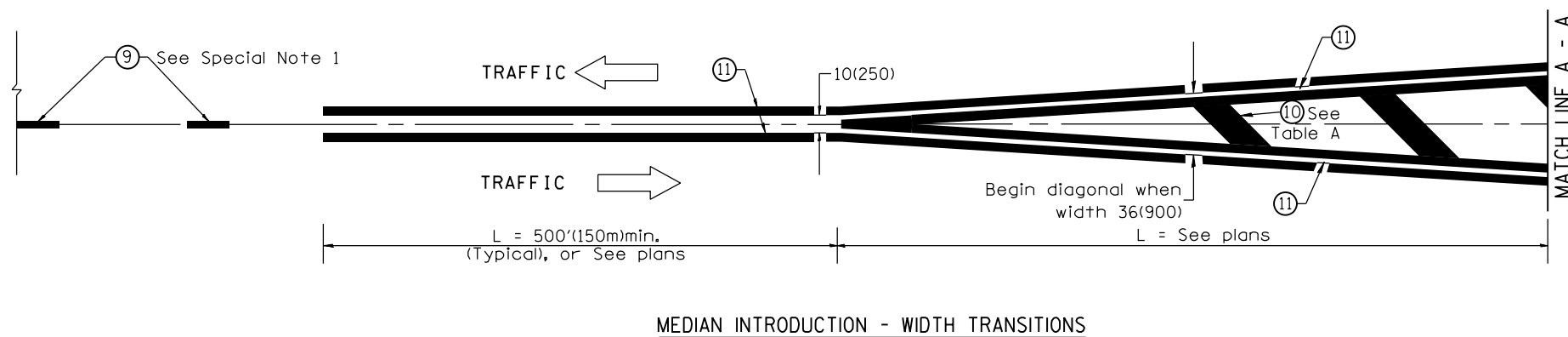
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
399	36RS-10;35RS-8	TAZEWELL	16	15
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 68E89	



FLUSH PAVED MEDIAN: RESTRICTED LEFT TURN LANE

TABLE A
RECOMMENDED SPACING BETWEEN DIAGONAL LINES

SPEED LIMIT RANGE	INTERSECTION CHANNELIZATION (Includes Width Transitions for Median and Left Turn Lane Introductions)	
	CONTINUOUS	
Less Than 30 mph (50 km/h)	50' (15m)	15' (5m)
30 - 45 mph (50 - 70 km/h)	75' (23m)	20' (6m)
Over 45 mph (70 km/h)	150' (46m)	30' (9m)



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