

- 1 COVER SHEET
- 2 COMMITMENTS AND GENERAL NOTES
- 3 SUMMARY OF QUANTITIES
- 4 SCHEDULE OF QUANTITIES
- 5 LINE DIAGRAM
- 6 PAVEMENT MARKINGS
- 7 EXISTING TYPICAL SECTION
- 8 TYPICAL PAVEMENT MARKINGS

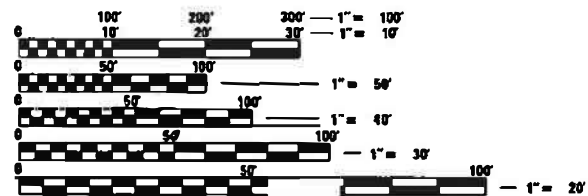
**HIGHWAY STANDARDS:**

- 542546-01
- 604036-03
- 604091-05
- 701421-08
- 701701-10
- 701901-08
- 780001-05

**DISTRICT STANDARDS:**

780002-D4

**DESIGN DESIGNATION**  
 IL 116: MINOR ARTERIAL  
 ADT:15,700 (2019)  
 SU: 500  
 MU: 500



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: BEN TELLEFSON 309-671-3333  
 PROJECT MANAGER: ERIC PRICHARD 309-671-3333  
 CONTRACT NO. 68H04  
 CATALOG NO. 036312-00D

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

**PROPOSED  
 HIGHWAY PLANS**

FAP 673 (IL ROUTE 116)  
 SECTION (103,104)MED  
 CONTRACT MAINTENANCE  
 TAZEWOOD/WOODFORD COUNTY

C-94-038-22

PROJECT END  
 STA. 479+05.73

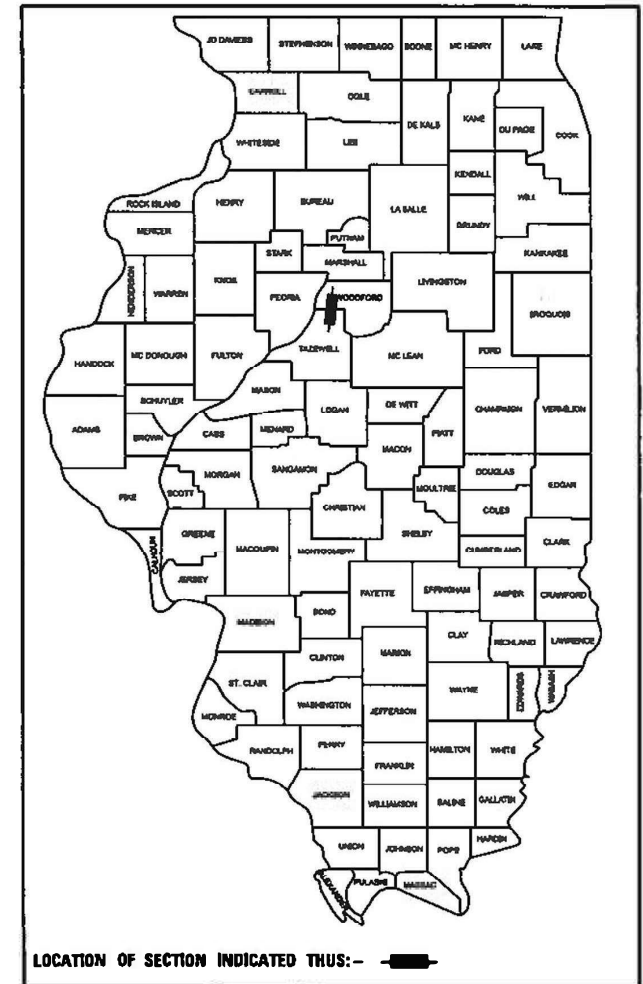
PROJECT START  
 STA. 341+15.05

GROSS LENGTH = 15,417.6 FT. = 2.92 MILE  
 NET LENGTH = 15,417.6 FT. = 2.92 MILE



FAP RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
673	(103,104)MED	WOODFORD	8	1
		ILLINOIS	CONTRACT NO. 68H04	

D-94-023-22



**PROJECT DESCRIPTION:**

PCC RAISED MEDIAN REMOVAL AND INLET REHABILITATION FROM NORTH OF TEN MILE CREEK TO UPPER TEN MILE CREEK ROAD ON IL 116

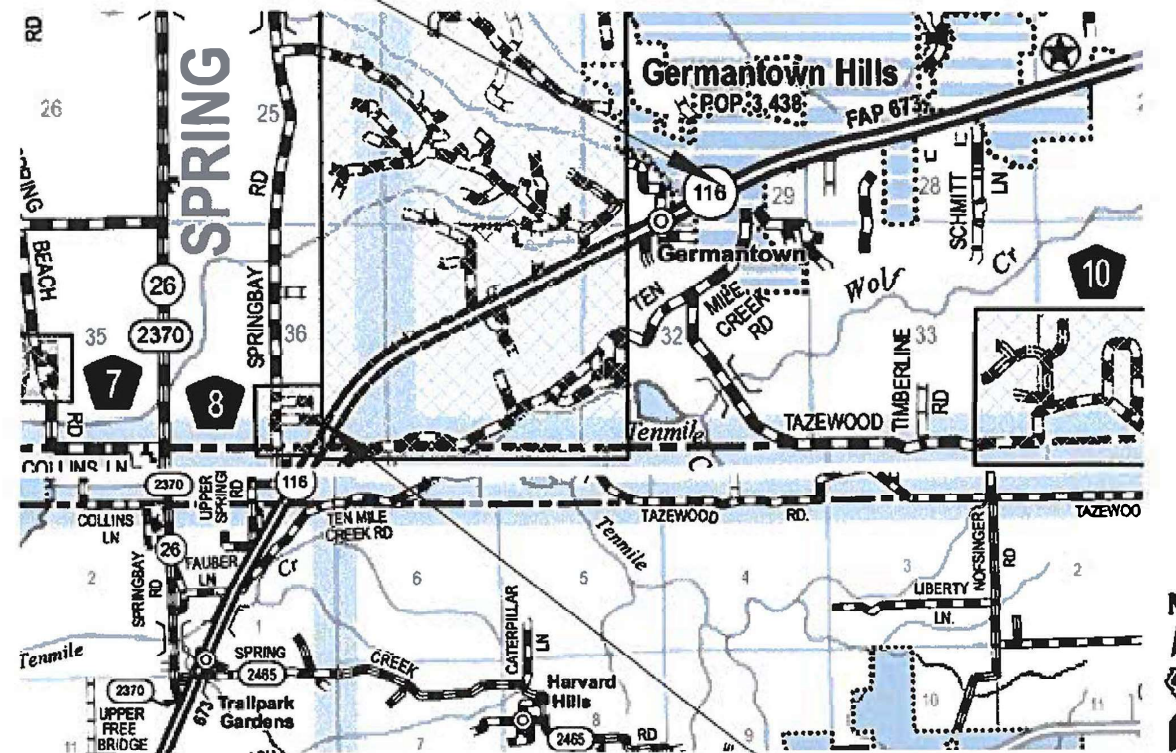
STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

SUBMITTED March 30, 2022  
[Signature]  
 REGIONAL ENGINEER

May 13, 2022  
[Signature]  
 ENGINEER OF DESIGN AND ENVIRONMENT

May 13, 2022  
[Signature]  
 DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

**PRINTED BY THE AUTHORITY  
 OF THE STATE OF ILLINOIS**



**COMMITMENTS**

Commitments are not to be altered without the written approval of all parties to which the commitment was made.

**NO COMMITMENTS WERE MADE FOR THIS PROJECT.**

**ENVIRONMENTAL REVIEWS**

Prior to the use of any proposed borrow areas, use areas (temporary access roads, detours, run-arounds, etc.) and/or waste areas, the Contractor shall file the required environmental resource request surveys according to Section 107.22 of the Standard Specifications. These surveys are required in order for the Department to conduct cultural and biological resource surveys for the proposed site.

The required environmental resource documentation shall include the following:

- \* BDE Form 2289 (Borrow Site Review)
- \* BDE Form 2290 (Waste/Use Area Review)
- \* A location map showing the size limits and location of the use area
- \* Color photographs depicting the use area
- \* Borrow Area Entry Agreement form – D4 PI0101

Prior to any waste materials being removed from the construction site the required environmental resource surveys shall be obtained and filed by the Contractor. Excess waste products removed from the construction site shall be disposed of as required in Section 202.03 of the Standard Specifications.

Any protruding metal bars shall be removed prior to the disposal of broken concrete at approved disposal sites.

Please note that a minimum of four weeks shall be allowed for the District to obtain the required waste site environmental clearances and six weeks for the required borrow site environmental clearances.

MODEL: Default  
 FILE NAME: I:\work\transport\pww\transport\pww\Documents\Projects\2022\22-129 IDOT Work Orders\Design\00 - Drawings\22-129-006 Paving and Inlets\CAD\CAD\_Sheets\0422129006\_GENERAL\_NOTES\_11.dgn

	USER NAME = PaytonC	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>COMMITMENTS AND GENERAL NOTES</b>			F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 20.051' / in.	DRAWN -	REVISED -					673	(103,104) MED	TAZEWELL/WOODFORD	8	2
PLOT DATE = 3/28/2022	CHECKED -	REVISED -	SCALE:		SHEET 2 OF 8 SHEETS STA. TO STA.			ILLINOIS FED. AID PROJECT CONTRACT NO. 68H04				
	DATE -	REVISED -										

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE	
				0006	0006
				URBAN	URBAN
				100% STATE TAZEWELL CO.	100% STATE WOODFORD
28100725	STONE DUMPED RIPRAP, CLASS B3	SQ YD	18	0	18
28200200	FILTER FABRIC	SQ YD	18	0	18
44003510	MEDIAN REMOVAL PARTIAL DEPTH	SQ FT	2403	210	2193
60257900	MANHOLES TO BE RECONSTRUCTED	EACH	2	1	1
60262700	INLETS TO BE RECONSTRUCTED	EACH	4	1	3
67100100	MOBILIZATION	L SUM	1	0.1	0.9
70100310	TRAFFIC CONTROL AND PROTECTION, STANDARD 701421	L SUM	1	0.1	0.9
70102635	TRAFFIC CONTROL AND PROTECTION, STANDARD 701701	L SUM	1	0.1	0.9
70107025	CHANGEABLE MESSAGE SIGN	CAL DA	60	6	54
* 78009004	MODIFIED URETHANE PAVEMENT MARKING - LINE 4"	FOOT	1618	154	1464
* 78009008	MODIFIED URETHANE PAVEMENT MARKING - LINE 8"	FOOT	583	53	530
X6026638	FLUSH INLET BOX FOR MEDIAN (542546) TO BE RECONSTRUCTED	EACH	3	2	1

\*= SPECIALTY ITEM

MODEL: Default  
 FILE: \\p01\share\projects\1031041MED\1031041MED.dwg  
 PLOT DATE: 3/29/2022 10:00:00 AM  
 PLOT SCALE: 2.0031 / in.  
 USER: PaytonC  
 DESIGNED: -  
 DRAWN: -  
 CHECKED: -  
 DATE: -  
 REVISED: -  
 REVISED: -  
 REVISED: -  
 REVISED: -



USER NAME = PaytonC	DESIGNED -	REVISED -
PLOT SCALE = 2.0031 / in.	DRAWN -	REVISED -
PLOT DATE = 3/29/2022	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES			
SCALE:	SHEET 3	OF 8 SHEETS	STA TO STA

F.A.P. RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
673	(103.104)MED		8	3
CONTRACT NO. 68H04			ILLINOIS FED. AID PROJECT	

FLUSH INLET BOX FOR MEDIAN (542546) TO BE RECONSTRUCTED		
X6026638		
STRUCTURE NO.	EACH	REPAIR
1026	1	REPAIR AROUND UNDERDRAIN INSIDE INLET
1027	1	REPAIR AROUND PIPES AND DETERIORATED SECTIONS WITHIN INLET
1030	1	REPAIR AROUND PIPES AND DETERIORATED SECTIONS WITHIN INLET AND AROUND CASTING
<b>TOTAL</b>	<b>3</b>	

MANHOLE TO BE RECONSTRUCTED		
60257900		
STRUCTURE NO.	EACH	REPAIR
1006	1	REPAIR AROUND PIPE AND BACKFILL VOID BEHIND STRUCTURE
1009	1	REPAIR AROUND PIPE AND BACKFILL VOID BEHIND STRUCTURE
<b>TOTAL</b>	<b>2</b>	

PAVEMENT MARKING SCHEDULE IL 116					
LOCATION				78009004	78009008
				MOD URETH PM LINE 4	MOD URETH PM LINE 8
ROADWAY	DIRECTION	STATION	STATION	MEDIAN YELLOW-MODIFIED URETHANE PAVEMENT MARKING LINE - 4" SOLID	MEDIAN YELLOW-MODIFIED URETHANE PAVEMENT MARKING LINE - 8" SOLID
ROADWAY	DIRECTION	STATION	STATION	FOOT	FOOT
IL 116	EB	341+15.05	341+58.55	154	53
IL 116	EB	360+86.50	361+30.00	150	53
IL 116	WB	359+70.00	360+13.50	140	53
IL 116	EB	378+35.00	378+70.00	150	53
IL 116	WB	377+55.00	377+98.50	140	53
IL 116	EB	400+86.50	401+30.00	159	53
IL 116	EB	422+83.00	423+08.00	155	53
IL 116	WB	421+84.00	422+27.50	150	53
IL 116	EB	437+46.50	437+92.00	140	53
IL 116	EB	468+26.25	468+66.25	147	53
IL 116	WB	467+00.00	467+34.25	133	53
<b>SUB-TOTAL</b>				<b>1618</b>	<b>583</b>
<b>PAY-ITEM TOTAL</b>				<b>1618</b>	<b>583</b>

INLET TO BE RECONSTRUCTED		
60262700		
STRUCTURE NO.	EACH	REPAIR
1012	1	REPLACE AND REMORTOR BRICKS AS NECESSARY IN THE TOP 4' OF STRUCTURE; REPAIR AND SEAL AROUND PIPES
1017	1	REPLACE AND REMORTOR BRICKS AS NECESSARY IN THE TOP 4' OF STRUCTURE; REPAIR AND SEAL AROUND PIPES
1018	1	REPLACE AND REMORTOR BRICKS AS NECESSARY IN THE TOP 4' OF STRUCTURE; REPAIR AND SEAL AROUND PIPES
1028	1	REPLACE AND REMORTOR BRICKS AS NECESSARY IN THE TOP 4' OF STRUCTURE; REPAIR AND SEAL AROUND PIPES
<b>TOTAL</b>	<b>4</b>	

LOCATION				44003510
				MEDIAN REMOVAL PARTIAL DEPTH
ROADWAY	DIRECTION	STATION	STATION	SQ FT
ROADWAY	DIRECTION	STATION	STATION	SQ FT
IL 116	EB	341+15.05	341+58.55	210
IL 116	EB	360+86.50	361+30.00	221
IL 116	WB	359+70.00	360+13.50	190
IL 116	EB	378+35.00	378+70.00	196
IL 116	WB	377+55.00	377+98.50	183
IL 116	EB	400+86.50	401+30.00	219
IL 116	EB	422+83.00	423+08.00	222
IL 116	WB	421+84.00	422+27.50	206
IL 116	EB	437+46.50	437+92.00	355
IL 116	EB	468+26.25	468+66.25	183
IL 116	WB	467+00.00	467+34.25	218
<b>TOTAL</b>				<b>2403</b>

FILTER FABRIC	
28200200	
LOCATION	SQ YD
IL116 EB 372+30 RT 8' X 20'	18
<b>TOTAL</b>	<b>18</b>

CLASS B3 RIPRAP	
28100725	
LOCATION	SQ YD
IL116 EB 372+30 RT 8' X 20'	18
<b>TOTAL</b>	<b>18</b>

TRAFFIC CONTROL AND PROTECTION	
701701	
LOCATION	L SUM
JOBSITE	1
<b>TOTAL</b>	<b>1</b>

CHANGEABLE MESSAGE SIGN	
70107025	
LOCATION	CAL DAY
JOBSITE	60
<b>TOTAL</b>	<b>60</b>

MOBILIZATION	
67100100	
LOCATION	L SUM
JOBSITE	1
<b>TOTAL</b>	<b>1</b>

TRAFFIC CONTROL AND PROTECTION	
701421	
LOCATION	L SUM
JOBSITE	1
<b>TOTAL</b>	<b>1</b>

MODEL: Detail  
 FILE NAME: p:\work\projects\2022\22-129\DOT Work Orders\Design\7100 - Drawings\72-129-006 Patching and Finishes\CAD\CAD\_Sheets\022128006\_S00\_IL116.dgn

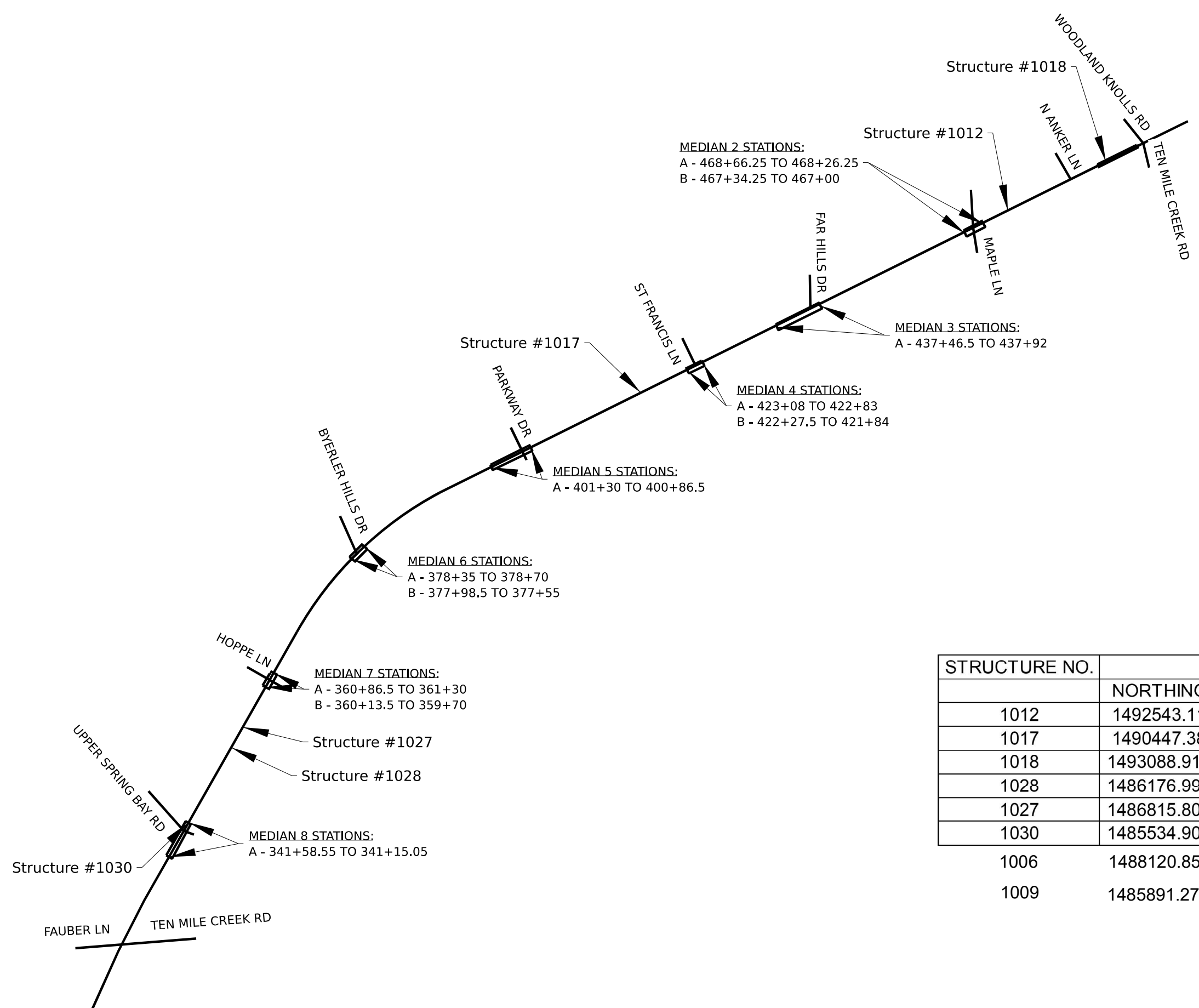


USER NAME = PaytonC	DESIGNED -	REVISED -
PLOT SCALE = 2,009' / in.	DRAWN -	REVISED -
PLOT DATE = 3/29/2022	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

SCHEDULE OF QUANTITIES			
SCALE:	SHEET 4	OF 8	SHEETS STA. TO STA.

F.A.P RTE. 673	SECTION (103.104)MED	COUNTY TAZEWELLWOODSFORD	TOTAL SHEETS 8	SHEET NO. 4
CONTRACT NO. 68H04				
ILLINOIS FED. AID PROJECT				



STRUCTURE NO.	LOCATION		
	NORTHING	EASTING	STATION
1012	1492543.11	2487422.883	472+87.00 CL
1017	1490447.38	2483201.629	414+95.00 CL
1018	1493088.919	2488492.422	475+64.00 CL
1028	1486176.992	2478377.793	349+05.00 CL
1027	1486815.801	2478741.26	356+37.00 CL
1030	1485534.904	2478202.97	345+30.00 CL
1006	1488120.851	2479585.293	372+29.00 RT
1009	1485891.270	2478169.061	341+58.00 LT

MODEL: Default  
 FILE NAME: p:\terraeng-pw\benlley.com\terraeng-pw-01\Documents\Projects\2022\22-129 DOT Work Orders\Design\00 - Drawings\22-129-006 Patching and Inlets\CAD\CAD\_Sheets\0222129006\_LINE\_DIAGRAM\_IL116\_REV.dgn



USER NAME = PaytonC	DESIGNED -	REVISED -
PLOT SCALE = 1202.466' / in.	DRAWN -	REVISED -
PLOT DATE = 3/28/2022	CHECKED -	REVISED -
	DATE -	REVISED -

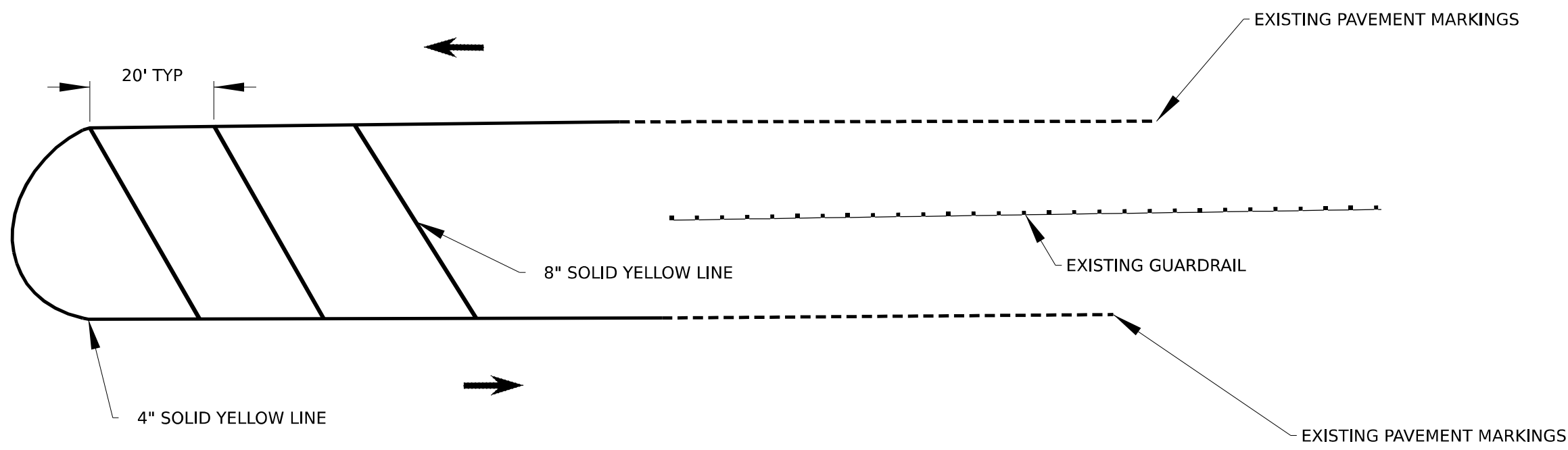
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**IL ROUTE 116 LINE DIAGRAM**

SCALE: SHEET 5 OF 8 SHEETS STA. TO STA.

F.A.P. RTE. 673	SECTION (103,104)MED	COUNTY TAZEWELLWOODFORD	TOTAL SHEETS 8	SHEET NO. 5
CONTRACT NO. 68H04				
ILLINOIS FED. AID PROJECT				

MODEL: Default  
 FILE NAME: p:\t\tra\eng\p\w\ben\by.com\tra\eng\p\w\01\Documents\Projects\2022\22-129 IDOT Work Orders\Design\00 - Drawings\22-129-006 Patching and Inlets\CAD\_Sheets\0422129006\_PVT\_MRK\_2.dgn

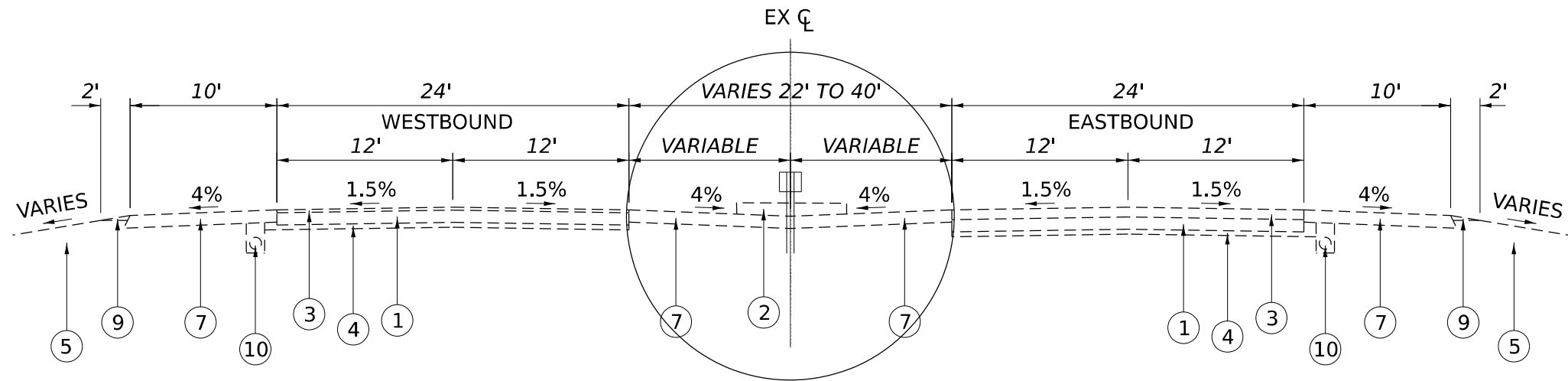


DETAIL B  
 TYPICAL PAVEMENT MARKING AT MEDIAN

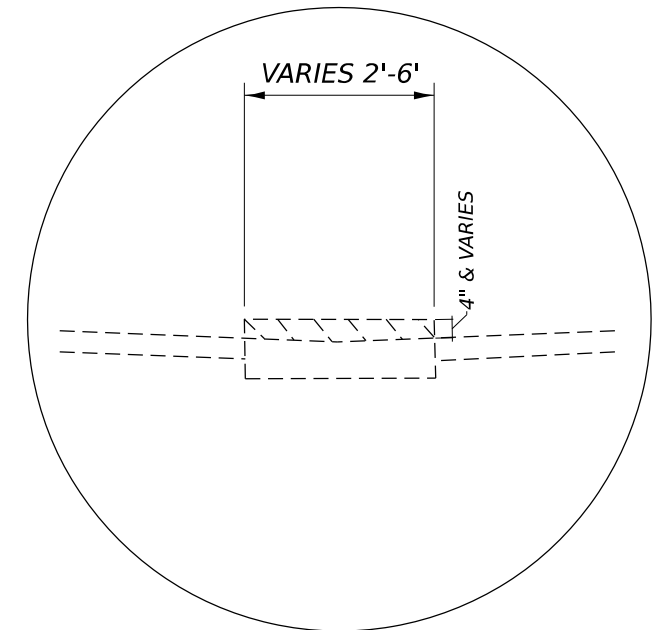
NOTES:

- A MINIMUM OF TWO CHEVRONS SHALL BE INSTALLED AT EACH MEDIAN LOCATION
- PROPOSED SINGLE YELLOW PAVEMENT MARKING LINE 4" SHALL EXTEND TO END OF MEDIAN GUARDRAIL TERMINAL OR TURF MEDIAN
- CONTRACTOR SHALL NOTE LOCATIONS OF EXISTING PAVEMENT MARKINGS FOR PLACEMENT OF PROPOSED PAVEMENT MARKINGS

	USER NAME = PaytonC	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS</b> <b>DEPARTMENT OF TRANSPORTATION</b>	<b>PAVEMENT MARKING</b> <b>MEDIAN</b>			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 15.021' / in.	DRAWN -	REVISED -					673	(103,104)MED	TAZEWELL-WOODFORD	8	6
	PLOT DATE = 3/28/2022	CHECKED -	REVISED -					CONTRACT NO. 68H04				
	DATE -	REVISED -		SCALE:	SHEET 6	OF 8	SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT		

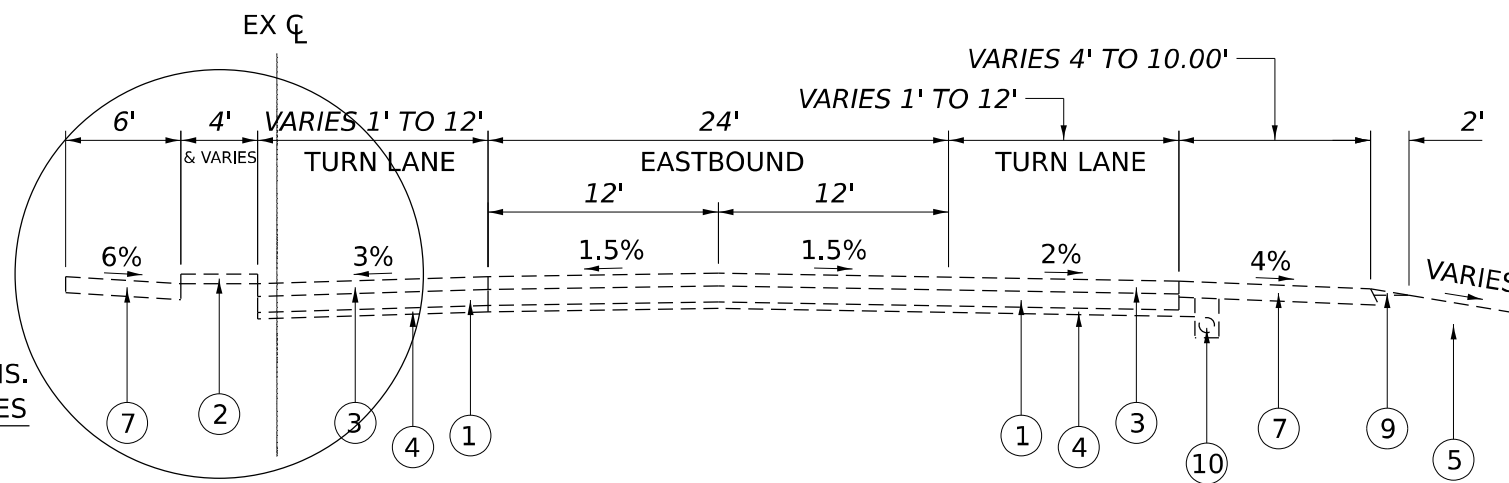


**IL 116 TYPICAL SECTION**  
 STA 341+15.05 TO 479+75 GUARD RAIL MEDIAN

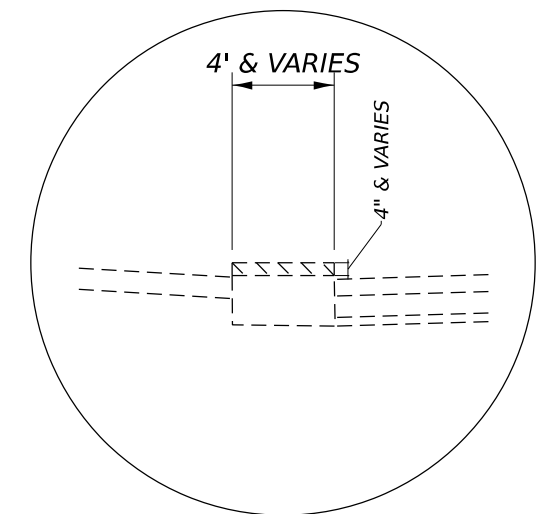


**DETAIL**

- ① EXISTING PCC PAVEMENT 10"
- ② EXISTING CONCRETE MEDIAN TY M-4.06 (TO BE MILLED)
- ③ EXISTING BITUMINOUS OVERLAY, VARIES (SEE BREAKDOWN BELOW)
- ④ EXISTING SUB-BASE 4"
- ⑤ EXISTING GROUND
- ⑥ EXISTING PCC BASE COURSE WIDENING 8"
- ⑦ EXISTING BITUMINOUS SHOULDERS 10"
- ⑨ EXISTING AGGREGATE SHOULDERS
- ⑩ EXISTING PIPE UNDERDRAIN



**EB IL 116 TYPICAL SECTION**  
 UPPER SPRING BAY RD (FROM WEST TO NORTH) LEFT TURN LANE  
 PARKWAY DRIVE (FROM WEST TO NORTH) LEFT TURN LANE  
 E FAR HILLS DRIVE (FROM WEST TO NORTH) LEFT TURN LANE  
 STA 474+14 TO STA 479+06 LEFT & RIGHT TURN LANE



**DETAIL**

ESTIMATED SURFACE THICKNESS, BASED ON OLD PLANS.  
 THICKNESS DOES NOT ACCOUNT FOR EXISTING PATCHES

- ③ WB STA. 325+80 TO STA. 479+75 = 2.5"
- EB STA. 325+80 TO 327+90 = 7.75"
- EB STA. 327+90 TO 331+60 = 2.25"-7.75"
- EB STA. 440+81 TO 454+00 = 2.5"
- EB STA. 454+00 TO 479+75 = 7"-8"

MODEL: Default  
 FILE NAME: p:\barbara\pww\berkeley\contract\proj\01\Documents\Projects\2022\22-138 DOT Work Orders\Design\100-Drawings\22-138-006 Patching and Inlets\CAD\_Sheets\0222139006\_TYR\_IL116\_1.dgn



USER NAME = PaytonC  
 PLOT SCALE = 10.002' / in.  
 PLOT DATE = 3/28/2022

DESIGNED -  
 DRAWN -  
 CHECKED -  
 DATE -

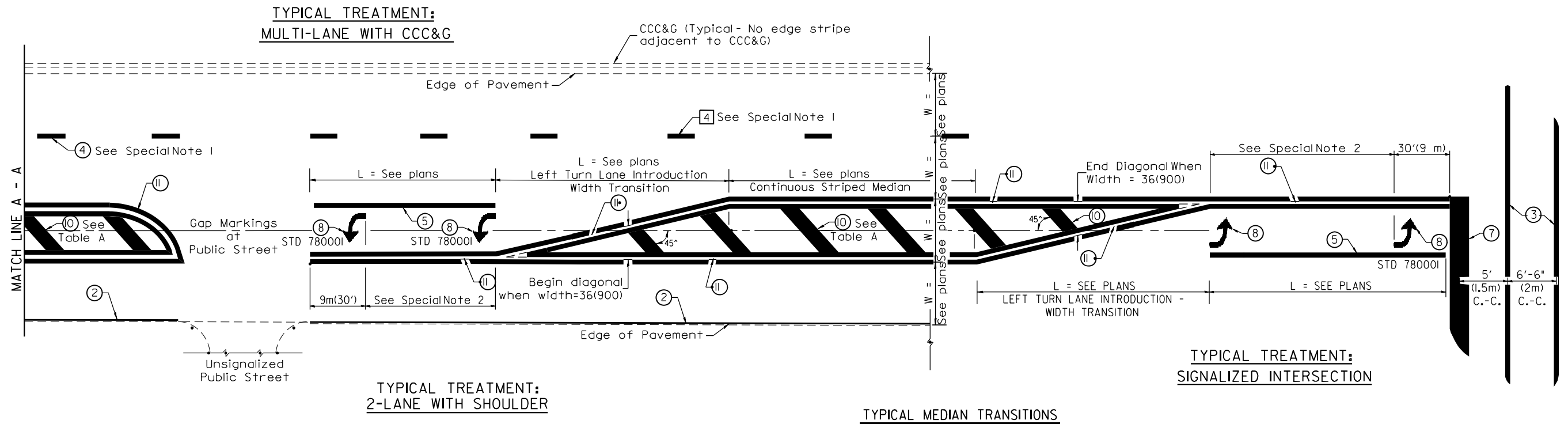
REVISED -  
 REVISED -  
 REVISED -  
 REVISED -

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**EXISTING TYPICAL SECTIONS**  
**IL ROUTE 116**

SCALE: SHEET 7 OF 8 SHEETS STA. TO STA.

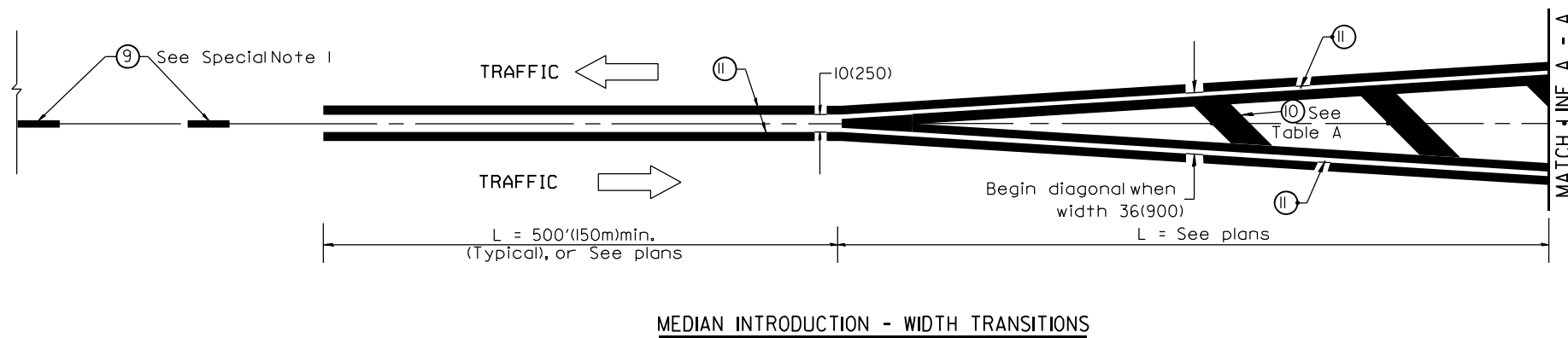
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
673	(103,104)MED	TAZEWELL-WOODFORD	8	7
CONTRACT NO. 68H04				
ILLINOIS FED. AID PROJECT				



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.