

04-25-2025 LETTING ITEM 178

F.A.S. ROUTE 642 COUNTY HIGHWAY 3 INFRASTRUCTURE IMPORVEMENTS

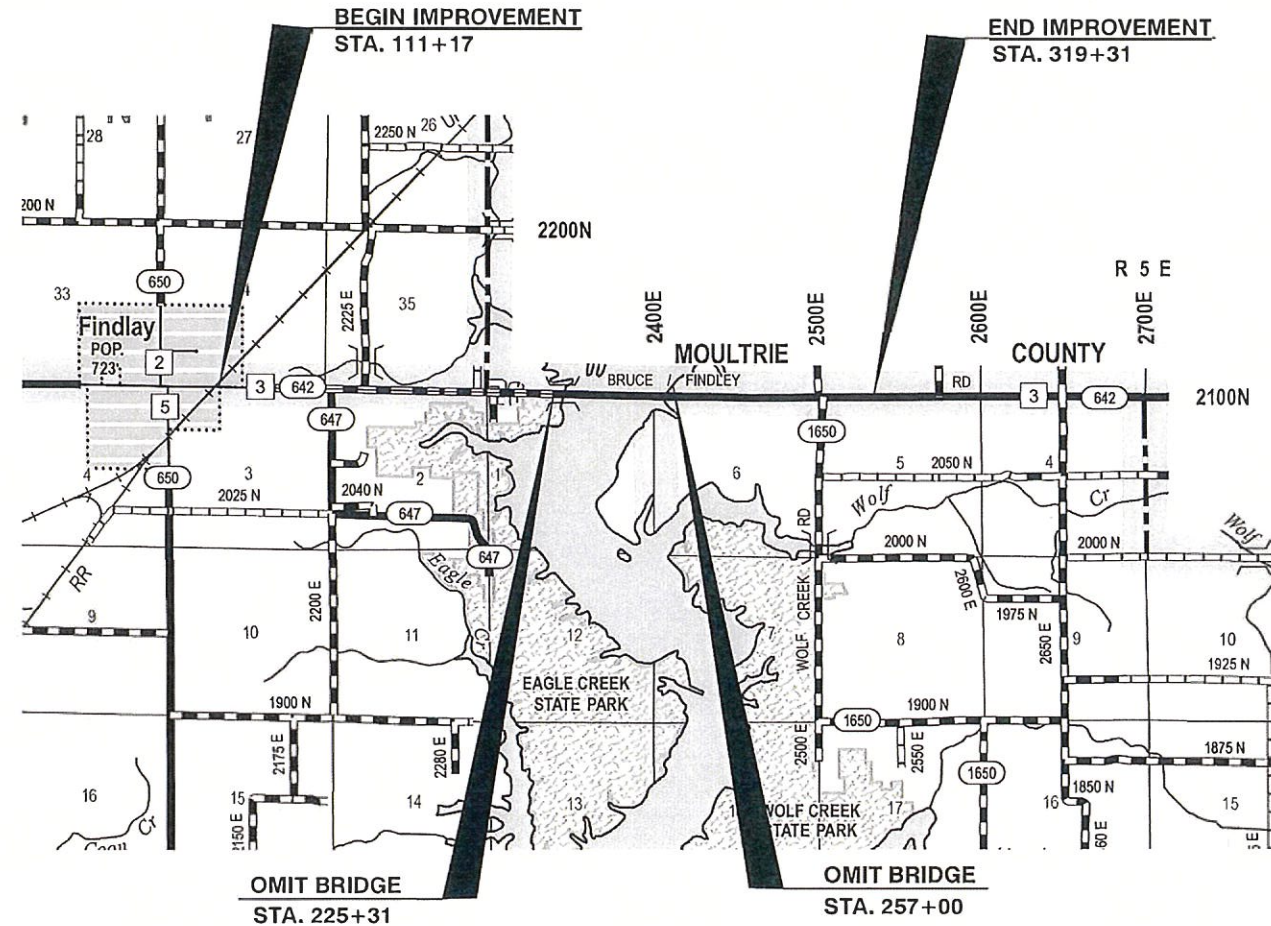
SECTION 23-00296-00-RS
PROJECT NUMBER 3GPK (596)
JOB NUMBER C-97-018-25
CONTRACT # 95976
FEDERAL STR, TARP, MFT, LOCAL
SHELBY COUNTY, ILLINOIS

COUNTY ENGINEER - MICHAEL TAPPENDORF - SHELBY COUNTY (217)774-2721

JULIE

- ELECTRIC - AMEREN, NATHAN HILL - 618-301-5305
SHELBY ELECTRIC COOP, JIM MATLOCK - 217-774-3986
- COMMUNICATION - FRONTIER COMMUNICATIONS, KALIN HINSHAW - 815-895-1515
MOULTRIE TEL/SHAWNEE COMM, SHANNON COSSEY, 618-627-6332
METRO COMMUNICATIONS CO INC, LAUREN SESKO, 217-728-3621
- WATER/OTHER - VILLAGE OF FINDLAY, TRAVIS PARK - 217-756-8997
MOULTRIE COUNTY RURAL WATER, ANGELA EMEL, 217-728-8842

GAS PIPELINE - KINDER MORGAN GAS, ALEXANDER HENNING, 618-599-2597



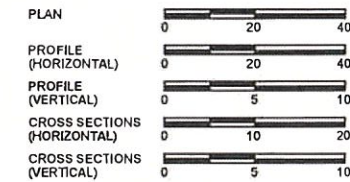
LOCATION OF SECTION INDICATED THUS

APPROVED *Michael A. Tappendorf*
2-6-2025
SHELBY COUNTY ENGINEER

PASSED *02/19/25*
Barbara Waller
DISTRICT SEVEN ENGINEER OF
LOCAL ROADS & STREETS

RELEASING FOR
BID BASED ON
LIMITED REVIEW *02/19/25*
Tom Renshaw
REGION FOUR ENGINEER
LOCAL ROADS & STREETS
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

Michael A. Tappendorf
2-6-2025
Michael A. Tappendorf
My License Expires 11-30-25
P.E. No. 69073



DESIGN STAGE J.U.L.I.E. DIG NUMBER
DIG#S A241412159, A241412146, A24141230, A241412110, A241412086

UTILITY NOTE

UNDERGROUND FACILITIES, STRUCTURES AND UTILITIES HAVE BEEN PLOTTED FROM AVAILABLE SURVEYS, RECORDS AND INFORMATION, AND, THEREFORE DO NOT NECESSARILY REFLECT THE ACTUAL EXISTENCE, NON-EXISTENCE, SIZE, TYPE, NUMBER, OR LOCATION OF THESE FACILITIES, STRUCTURES AND UTILITIES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THE ACTUAL LOCATION OF ALL UNDERGROUND FACILITIES, STRUCTURES, AND UTILITIES, EITHER SHOWN OR NOT SHOWN ON THESE PLANS. THE UNDERGROUND FACILITIES, STRUCTURES, AND UTILITIES SHALL BE LOCATED IN THE FIELD PRIOR TO ANY GRADING, EXCAVATION OR CONSTRUCTION OF IMPROVEMENTS. THESE PROVISIONS SHALL IN NO WAY ABSOLVE ANY PARTY FROM COMPLYING WITH THE UNDERGROUND FACILITY SAFETY AND DAMAGE PREVENTION ACT. CONTRACTOR MUST CONTACT J.U.L.I.E. 48 HOURS PRIOR TO THE BEGINNING OF CONSTRUCTION.

CONTRACTOR SHALL REPAIR ANY DAMAGED UTILITY LINES CAUSED BY HIS/HER ACTIVITIES. ALL WORK REQUIRED TO PERMANENTLY REPAIR THE UTILITY TO THE ENGINEER'S SATISFACTION SHALL BE AT THE CONTRACTOR'S EXPENSE.

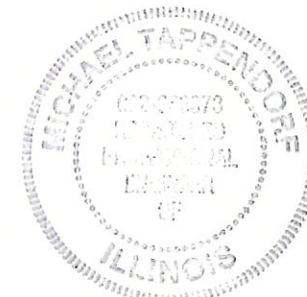
CONTRACTOR SHALL POTHOLE ALL LOCATIONS WHERE PROPOSED UTILITIES, OR DRAINAGE IMPROVEMENTS (DITCHES, SWALES, OUTFLOW STRUCTURES) THAT WILL CROSS EXISTING UTILITIES TO VERIFY THERE WILL NOT BE A CONFLICT. IF A CONFLICT IS FOUND THE CONTRACTOR SHALL CONTACT THE ENGINEER.



Know what's below.
Call before you dig.

COUNTY HIGHWAY 3
FUNCTIONAL CLASSIFICATION - MAJOR COLLECTOR
ADT (2022) - 2,000 vpd
DESIGN SPEED - 55 MPH

LENGTH OF PROJECT
COUNTY HIGHWAY 3 = 20,814 FEET (OMIT 3,169 FEET) (3.94 MILES)
NET TOTAL = 17645 FEET (3.34 MILES)



FILE NAME - S:\County Highway\CTY HWY 3\2300296-00-RS\Design\DWG\STREET	DESIGNED AR	REVISED - Revised MAT 06/18/24
PLOT SCALE =	CHECKED MAT	REVISED -
PLOT SCALE 1" = 100'	DRAWN AJR	REVISED -
PLOT DATE = 12/18/2024	CHECKED MAT	REVISED - Revised By4

SHELBY COUNTY
HIGHWAY DEPARTMENT

TITLE SHEET

Scale Sheet Number (Title) Total Sheets (Title) Station From Station To

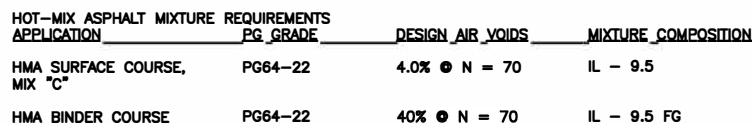
FAS RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
642	23-00296-00-RS	SHELBY	10	1
CONTRACT NO. 95976				
ILLINOIS FED. AID PROJECT				

1	TITLE SHEET
2	GENERAL NOTES AND DETAIL SHEET
3	TYPICAL SHEET
4	SUMMARY OF QUANTITIES
5	QUANTITIES
6-9	PLAN SHEETS.
10	SURVEY MARKER VAULT DETAIL

- AGGREGATE BASE & SURFACE COURSE: 2.05 TON/CY
ASPHALT BINDER OR SURFACE: 2.1 TON/CY = 112LB/SY-IN
BITUMINOUS MATERIALS TACK COAT: 0.025+0.05 LB/SQFT = 0.075 LB/SQFT

9. RAISED REFLECTOR REMOVAL TO BE INCLUDED IN HOT-MIX ASPHALT SURFACE REMOVAL 1 1/2"

000001-08	Standard Symbols, Abbreviations, and Patterns
406201-01	MailBox Turnout
701001-02	Off-Road Operations, 2L, 2W, More Than 15' (4.5M) Away
701006-05	Off-Road Operations, 2L, 2W, More Than 15' (4.5M) Away to 24" (600mm) from Pavement Edge
701301-04	Lane Closure, 2L, 2W, Short Time Operations
701306-04	Lane Closure, 2L, 2W, Slow Moving Operations Day Only, For Speeds ≥ 45 MPH
701311-03	Lane Closure, 2L, 2W, Moving Operations - Day Only
701901-10	Traffic Control Devices
780001-05	Typical Pavement Markings
BLR 22-7	Typical Application of Traffic Control Devices for Construction on Rural Local Highways. (2-Lanes 2 Way Rural Traffic.) (Closed to Thru Traffic)
DISTRICT 7	Pavement Marking and Raised Reflective Pavement Markers
DETAIL NO.	
78000001-DS	(Rural & Urban Applications)

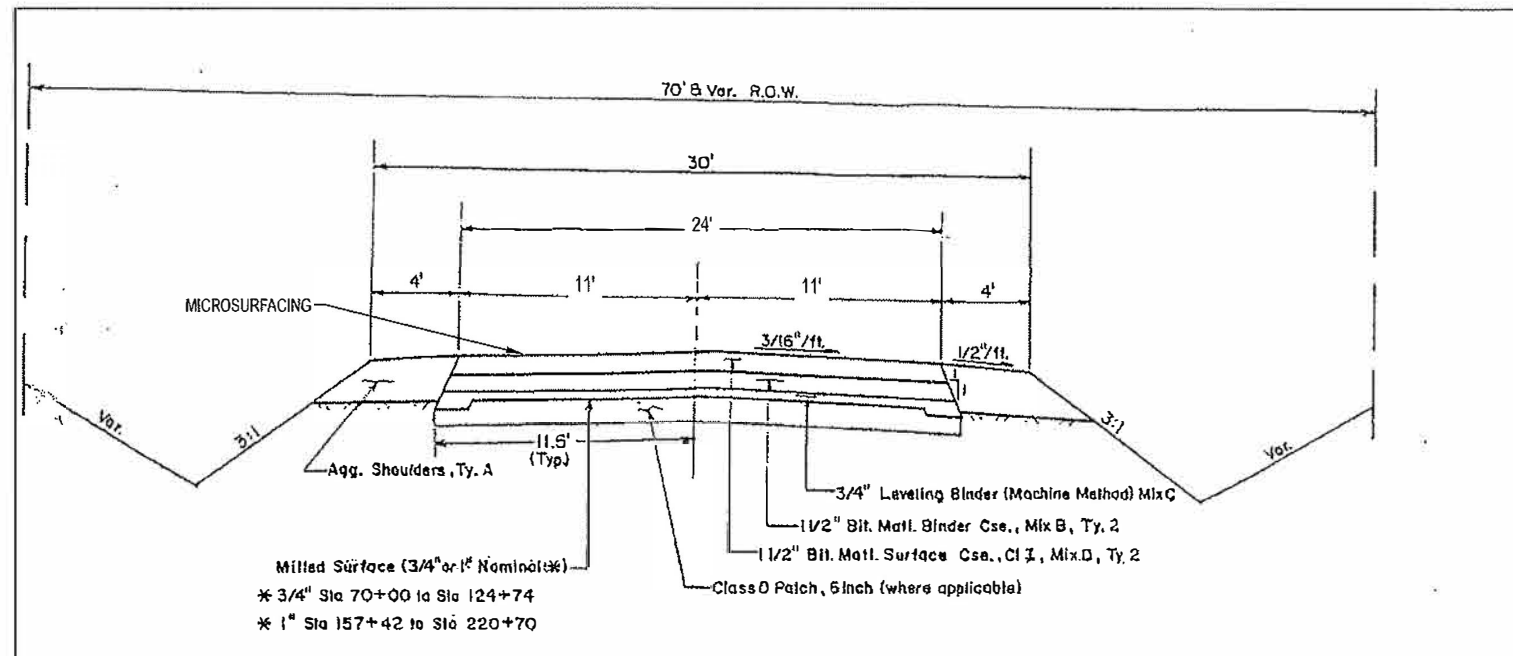


FILE NAME = S:\County Highway\CT HWY 3\2024\00-00-RS.Design.dwg (DWG) (STREET)		DESIGNED AR	REVISED — Revised MAT 06/18/24	SHELBY COUNTY HIGHWAY DEPARTMENT	GENERAL NOTES AND DETAILS	FAS RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE =	CHECKED —	REVISED —			642	23—00296—00—RS	SHELBY	10	2
	PLOT SCALE: 1" = 100'	DRAWN —	REVISED —			CONTRACT NO. 95970 ILLINOIS FED. AID PROJECT				
	PLOT DATE = 12/18/2024	CHECKED —	REVISED — Revised By4							
						Scale	Sheet Number (Title)	Total Sheets (Title)	Station From	Station To

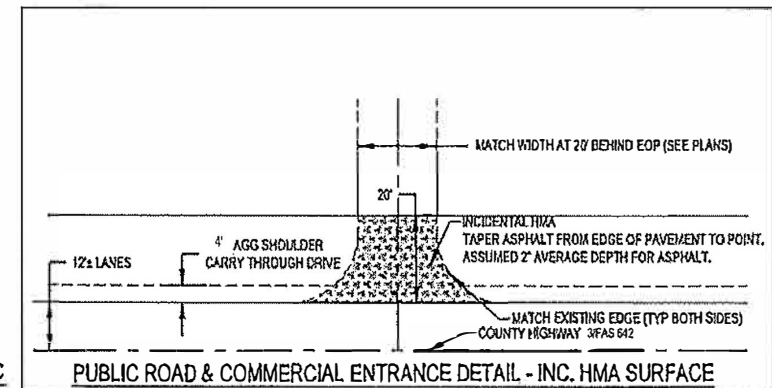
EXISTING TYPICAL

*COUNTY CORED MULTIPLE LOCATIONS AND VERIFIED A MINIMUM OF 8" 4" MATERIAL EXISTS

STA. 111+70 TO 225+31
STA. 257+00 TO 319+31

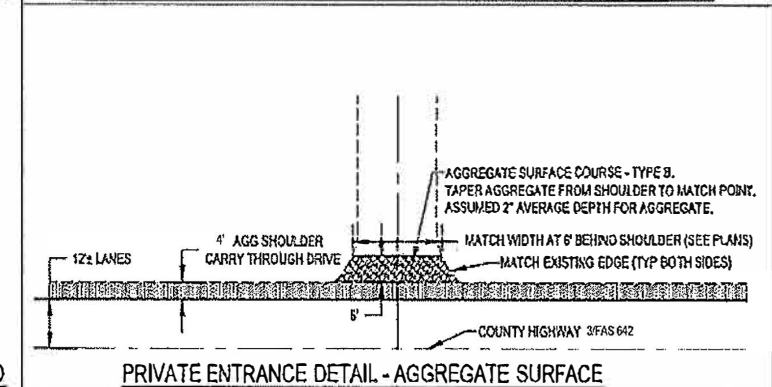


DETAIL C



PUBLIC ROAD & COMMERCIAL ENTRANCE DETAIL - INC. HMA SURFACE

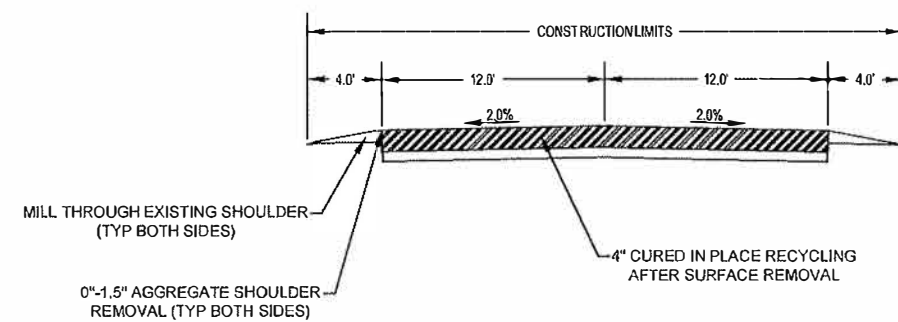
DETAIL D



REMOVAL TYPICAL

STA. 111+70 TO 225+31
STA. 257+00 TO 319+31

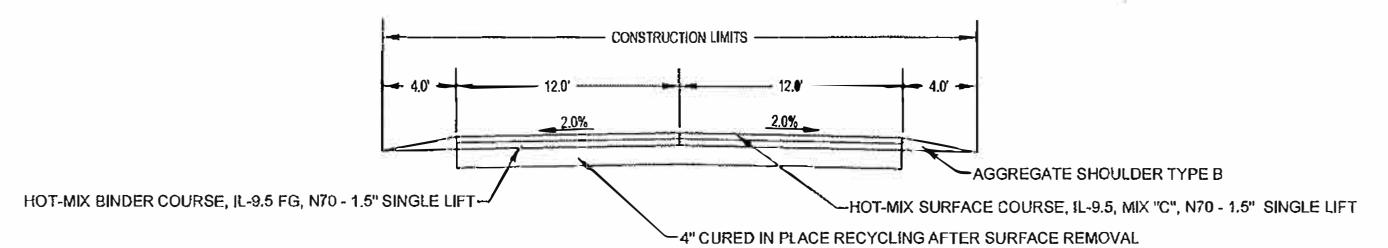
* TURN LANE STATION 145+00 TO 155+00 SHALL MATCH THIS CONCEPT. IT SHALL CROWN THE CENTER OF THE ROAD AND MATCH 2% SLOPE OUT TO EDGE OF PAVEMENT.



PROPOSED TYPICAL

STA. 111+70 TO 225+31
STA. 257+00 TO 319+31

* TURN LANE STATION 145+00 TO 155+00 SHALL MATCH THIS CONCEPT. IT SHALL CROWN THE CENTER OF THE ROAD AND MATCH 2% SLOPE OUT TO EDGE OF PAVEMENT.



FILE NAME = S:\County Highway\CTY HWY 3\2300296-00-RS\Design\DWG\STREET

DESIGNED	AR	REVISED	Revised MAT 06/18/24
CHECKED	---	REVISED	---
DRAWN	---	REVISED	---
PLOT DATE	12/18/2024	CHECKED	---
		REVISED	Revised By4

SHELBY COUNTY
HIGHWAY DEPARTMENT

TYPICAL SHEET

Scale Sheet Number (Title) Total Sheets (Title) Station From Station To

FAS RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
642	23-00296-00-RS	SHELBY	10	3
CONTRACT NO. 95976				

ILLINOIS FED. AID PROJECT

	ITEM No.	ITEM	UNIT	TOTAL QUANTITY
	40200800	AGGREGATE SURFACE SOURCE, TYPE B	TON	53
	40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	33,709
	40600370	LONGITUDINAL JOINT SEALANT	FOOT	18,592
	40600990	TEMPORARY RAMP	SQ YD	195
	40602970	HOT-MIX ASPHALT BINDER COURSE, IL-9.5FG, N70	TON	4,026
	40604052	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "C", N70	TON	4026
	40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	2,459
	40800050	INCIDENTAL HOT-MIX ASPHALT SURFACING	TON	232
	44000155	HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2"	SQ YD	47,916
	48101200	AGGREGATE SHOULDERS, TYPE B	TON	2,687
	67100100	MOBILIZATION	L SUM	1
	70107025	CHANGEABLE MESSAGE SIGN	CAL DA	14
	70300100	SHORT TERM PAVEMENT MARKING	FOOT	2,164
	70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SQ FT	714
*	78001100	PAINT PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	31
*	78001110	PAINT PAVEMENT MARKING - LINE 4"	FOOT	51,218
*	78001140	PAINT PAVEMENT MARKING - LINE 8"	FOOT	94
*	78001150	PAINT PAVEMENT MARKING - LINE 12"	FOOT	86
*	78001180	PAINT PAVEMENT MARKING - LINE 24"	FOOT	30
*	LR400740	COLD IN-PLACE RECYCLING, 4"	SQ YD	47,916
*	LR400055	CIR-FDR EMULSIFIED ASPHALT	TON	300
	X4810200	AGGREGATE SHOULDER REMOVAL	CU YD	420
	X7010234	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	L SUM	1
	Z0013798	CONSTRUCTION LAYOUT	L SUM	1
	Z0070202	SURVEY MARKER VAULT	EACH	8

* SPECIALTY ITEM

FILE NAME = S:\County Highways\CTY HWY 3\2300296-00-RS\Design\DWG\STREET		DESIGNED AR	REVISED -- Revised MAT 06/18/24	SHELBY COUNTY HIGHWAY DEPARTMENT	SUMMARY OF QUANTITIES	FAS RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE =	CHECKED --	REVISED --			642	23-00296-00-RS	SHELBY	10	4
	PLOT SCALE 1" = 100'	DRAWN --	REVISED --			CONTRACT NO. 95976				
	PLOT DATE = 12/18/2024	CHECKED --	REVISED -- Revised By4			ILLINOIS FED. AID PROJECT				
Scale Sheet Number (Title)Total Sheets (Title) Station From Station To										

ENTRANCE & SIDE ROAD DETAILS								
				AGGREGATE SURFACE COURSE, TYPE B	BITUMINOUS MATERIALS (TACK COAT)	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	INCIDENTAL HOT-MIX ASPHALT SURFACING	TEMPORARY RAMP
				40200800	40600290	40600982	40800050	40600990
CENTERLINE STATION	TYPE	OFFSET	EXISTING ENTRANCE TYPE	TON	POUND	SQ YD	TON	SQ YD
112+14.25	RD	RT	ASPHALT		75	111.2	12.5	14
115+68.21	FE	LT	AGGREGATE	1.2				
119+55.78	CE	LT	ASPHALT		19.78	29.3	3.3	
120+08.21	CE	LT	ASPHALT		24.98	37	4.2	
120+68.37	CE	LT	ASPHALT		2.51	37.1	4.2	
127+51.71	CE	LT	ASPHALT		17.48	25.9	3	
129+64.92	CE	LT	ASPHALT		23.66	35.1	4	
131+76.85	CE	LT	ASPHALT		20.69	30.7	3.5	
134+90.81	FE	RT	AGGREGATE	1.2				
136+11.95	FE	RT	AGGREGATE	1.9				
137+81.73	PE	RT	AGGREGATE	2.4				
138+08.80	FE	LT	AGGREGATE	1.6				
145+97.25	PE	LT	AGGREGATE	2.3				
148+22.80	RD	RT	ASPHALT		315.93	468.1	52.5	23
159+07.53	RD	LT	ASPHALT		66.7	98.9	11.1	15
161+71.62	PE	RT	ASPHALT		7.5	11.2	1.3	
162+26.48	PE	LT	ASPHALT		23.46	34.8	3.9	
162+52.91	PE	LT	AGGREGATE	5.8				
165+05.47	FE	LT	AGGREGATE	2.2				
167+56.67	FE	LT	AGGREGATE	1.2				
169+25.91	FE	LT	AGGREGATE	1.4				
171+26.68	PE	RT	AGGREGATE	2.7				
175+09.27	PE	RT	AGGREGATE	2.8				
177+73.54	PE	RT	AGGREGATE	4.3				
184+26.54	PE	RT	AGGREGATE	2.7				
185+85.92	PE	LT	AGGREGATE	2.6				
187+28.21	PE	RT	ASPHALT		23.02	34.2	3.9	
187+82.09	FE	LT	AGGREGATE	2.3				
188+19.82	PE	RT	ASPHALT		20.25	30	3.4	
190+56.16	PE	RT	ASPHALT		16.26	24.1	2.7	
191+86.19	PE	RT	ASPHALT		19.12	28.4	3.2	
195+44.48	PE	RT	AGGREGATE	1.8				
195+60.24	RD	LT	ASPHALT		46.61	69.1	7.8	11
200+08.62	CE	LT	AGGREGATE	2				
200+68.64	CE	LT	AGGREGATE	2.2				
200+70.85	RD	RT	ASPHALT		71.54	106	11.9	14
203+71.12	RD	LT	ASPHALT		46.61	69.1	7.8	11
206+80.04	RD	LT	ASPHALT		46.61	69.1	7.8	11
207+37.75	RD	RT	ASPHALT		47.18	69.9	7.9	14
208+26.33	PE	RT	ASPHALT		18.33	27.2	3.1	
209+33.32	RD	LT	ASPHALT		46.61	69.1	7.8	11
211+35.82	PE	RT	ASPHALT		20.05	29.7	3.4	
211+93.43	PE	LT	ASPHALT		22.39	33.2	3.8	
212+37.06	PE	LT	ASPHALT		14.02	20.8	2.4	
218+94.50	CE	LT	ASPHALT		58.79	87.1	9.8	
262+80.72	CE	LT	ASPHALT		23.41	34.7	3.9	
270+21.38	PE	RT	ASPHALT		22.1	32.8	3.7	
277+67.01	PE	RT	ASPHALT		18.61	27.6	3.1	
280+94.66	PE	LT	AGGREGATE	1.6				
286+64.82	PE	RT	AGGREGATE	4				
292+33.09	PE	LT	ASPHALT		22.25	33	3.7	
305+88.58	RD	LT	ASPHALT		62.8	93.1	10.5	14
306+25.00	RD	RT	ASPHALT		101.75	150.8	16.9	15
307+75.32	PE	LT	AGGREGATE	2.2				
TOTALS				52.4	1,366.0	2,058.3	232.0	153.0
USE				53.0	1,366.0	2,059.0	232.0	153.0
* AN UNPLACED AMOUNT OF AGGREGATE (10% OF THE TOTAL AREA AT 1' DEPTH) HAS BEEN PLACED AS FOR USE AS FILL FOR UNSUITABLE MATERIAL								
** AGGREGATE AT DRIVEWAYS IS PLACED UNDER CURB AND GUTTER ONLY. DRIVEWAY PAVEMENT IS TO BE PLACED ON EXISTING GRADE.								

PAVEMENT											
			LONGITUDINAL JOINT SEALANT	BITUMINOUS MATERIALS (TACK COAT)	HOT-MIX ASPHALT BINDER COURSE, IL-9.5FG, N70	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "C", N70	HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2"	AGGREGATE SHOULDER, TYPE B	AGGREGATE SHOULDER REMOVAL	COLD IN-PLACE RECYCLING, 4"	CIR-FDR EMULSIFIED ASPHALT
			40600037	40600290	40603085	40604052	44000155	48101200	X4810200	LR400740	LR400055
STATION	TO	STATION	FOOT	POUND	TON	TON	SQ YD	TON	CU YD	SQ YD	TON
111+70	TO	145+00	3330	5994	746	746	8880	522.2	81.6	8880	55.6
145+00	TO	155+00	1000	2476.85	308.3	308.3	3670	151.9	23.8	3670	23
145+00 - 12' LT	TO	155+00 - 12'LT	1000								
155+00	TO	225+31	7031	12655.8	1575	1575	18750	1067.7	166.7	18750	117.3
257+00	TO	319+31	6231	11215.8	1395.8	1395.8	16616	945.0	147.6	16616	104
UNPLACED											
TOTALS			18,592.0	32,342.5	4,025.1	4,025.1	47,916.0	2,686.8	419.7	47,916.0	299.9
USE			18,592.0	32,343.0	4,026.0	4,026.0	47,916.0	2,687.0	420.0	47,916.0	300.0
* RAISED REFLECTOR REMOVAL TO BE INCLUDED IN HOT-MIX ASPHALT SURFACE REMOVAL 1 1/2"											

PAVEMENT MARKING									
	PAINT PAVEMENT MARKING - LETTERS AND SYMBOLS	SHORT TERM PAVEMENT MARKING	SHORT TERM PAVEMENT MARKING REMOVAL	PAINT PAVEMENT MARKING - LINE 4" (YELLOW)	PAINT PAVEMENT MARKING - LINE 4" (WHITE)	PAINT PAVEMENT MARKING - LINE 8" WHITE	PAINT PAVEMENT MARKING - LINE 12" WHITE	PAINT PAVEMENT MARKING - LINE 12" YELLOW	PAINT PAVEMENT MARKING - LINE 24" (WHITE)
	78001100	78001108	78001109	78001110	78001110	78001140	78001150	78001150	78001180
LOCATION	SQ FT	FOOT	SQ FT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT
STA. 111+70 TO 144+00		303.0	100.0	1122.0	6582.0				
STA. 144+00 TO 155+00	31	91.0	30.0	3284.0	1817.0	94.0	24.0	62.0	
RT, STA. 148+24									12.0
RT, STA. 148+50									18.0
STA. 155+00 TO 225+31		1204.0	397.0	5056.0	13668.0				
STA. 257+00 TO 319+31		566.0	187.0	7384.0	12305.0				
TOTAL	31.0	2164.0	714.0	16846.0	34372.0	94.0	24.0	62.0	30.0

BUTT JOINTS MAINLINE			
		HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	TEMPORARY RAMP
		40600982	40600990
CENTERLINE STATION	TYPE	SQ YD	SQ YD
111+20	MAINLINE	133.33	14
224+81.06	MAINLINE	133.33	14
256+50	MAINLINE	133.33	14
TOTALS		400.0	42.0
USE		400.0	42.0

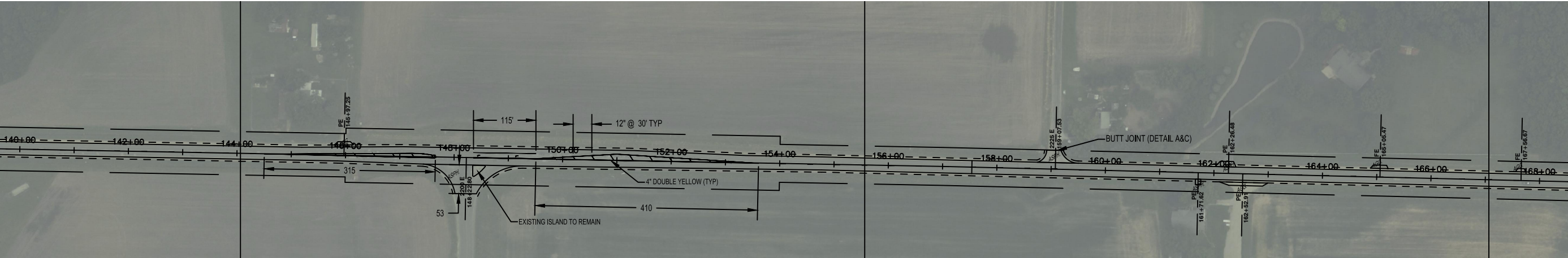
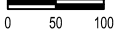
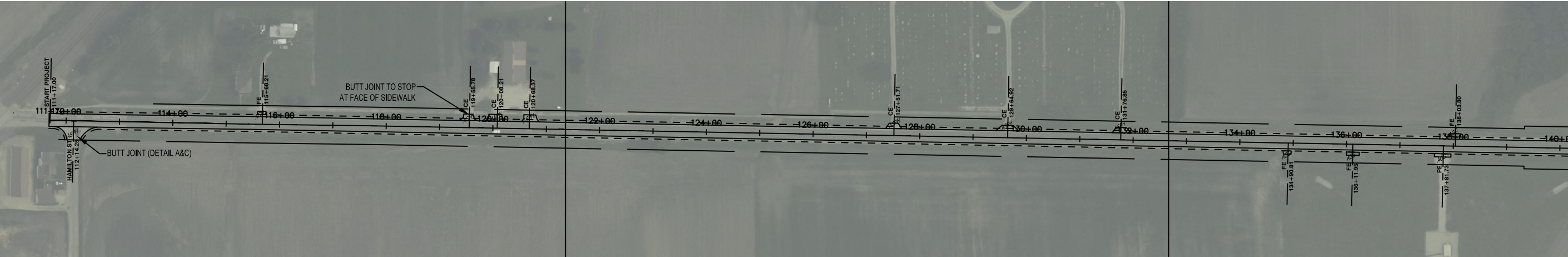
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	PLOT SCALE =	CHECKED —	REVISED —
	PLOT SCALE 1" = 100'	DRAWN —	REVISED —
	PLOT DATE = 12/18/2024	CHECKED —	REVISED — Revised By4

SHELBY COUNTY
HIGHWAY DEPARTMENT

SCHEDULES OF QUANTITIES

Scale Sheet Number (Title)Total Sheets (Title) Station From Station To

FAS RTE. 642	SECTION 23--00296--00--RS	COUNTY SHELBY	TOTAL SHEETS 10	SHEET NO. 5
CONTRACT NO. 95976				
ILLINOIS FED. AID PROJECT				



FILE NAME = S:\County Highway\CTY HWY
3\2300296-00-RS\Design\
DWG\STREET

DESIGNED	AR	REVISED	— Revised MAT 06/18/24
PLOT SCALE =	CHECKED —	REVISED	—
PLOT SCALE 1" = 100'	DRAWN —	REVISED	—
PLOT DATE = 12/18/2024	CHECKED —	REVISED	— Revised By4

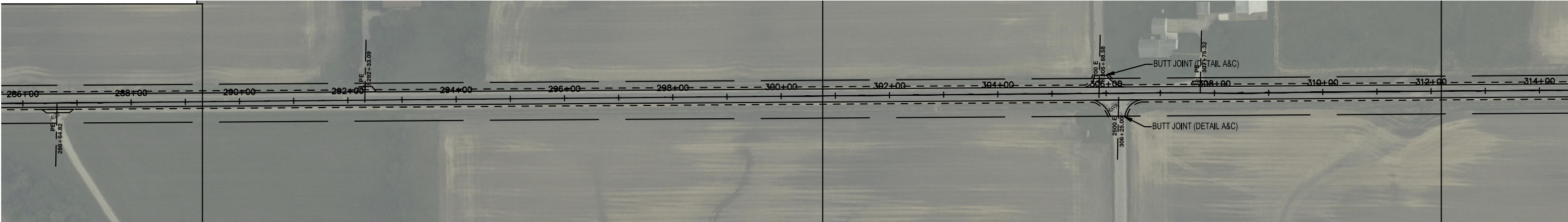
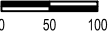
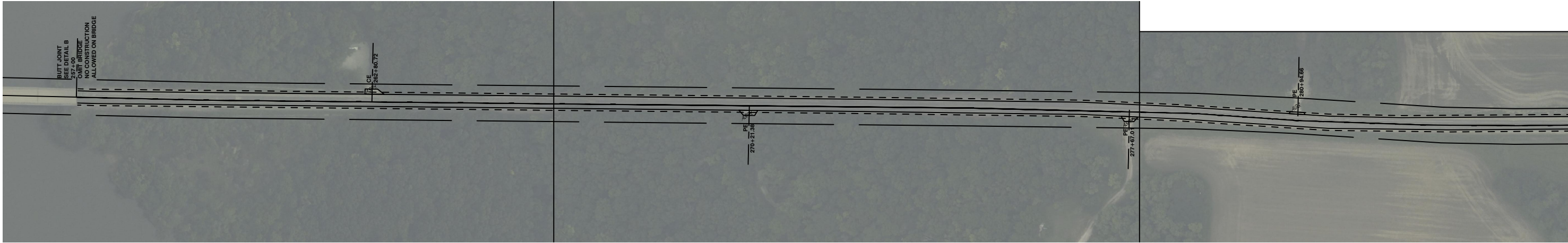
SHELBY COUNTY
HIGHWAY DEPARTMENT

STREET PLANS

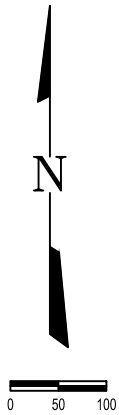
SCALE: 1"=100'

STA.111+70 TO STA.168+00

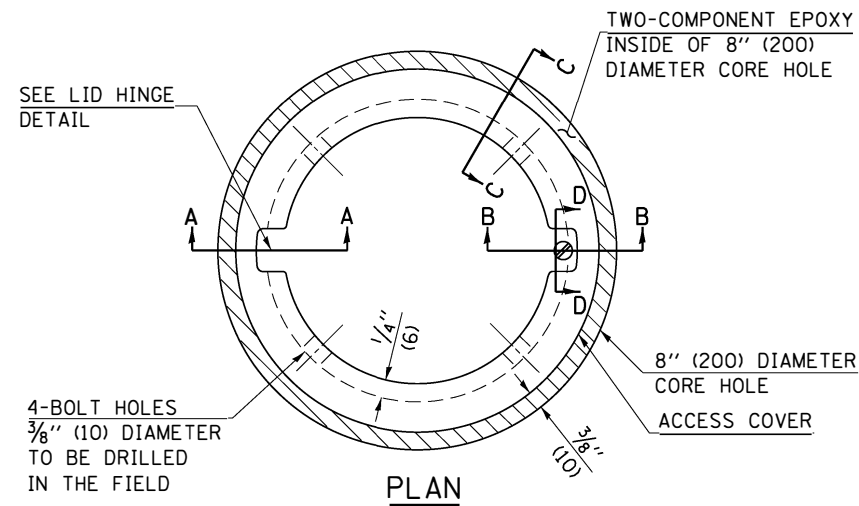
FAS RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
642	23-00296-00-RS	SHELBY	10	6
CONTRACT NO. 95976				
ILLINOIS FED. AID PROJECT				



FILE NAME S:\County Highways\CTY HWY 23-00296-00-RS\Design\ DWG\STREET	DESIGNED AR		REVISED — Revised MAT 06/18/24		SHELBY COUNTY HIGHWAY DEPARTMENT	STREET PLANS		F&S RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE =	CHECKED —	REVISED —					642	23-00296-00-RS	SHELBY	10	8
	PLOT SCALE 1" = 100'	DRAWN —	REVISED —			SCALE: 1"=100'		CONTRACT NO. 95976				
	PLOT DATE = 12/18/2024	CHECKED —	REVISED — Revised By4			STA.256+00 TO STA.314+00		ILLINOIS FED. AID PROJECT				

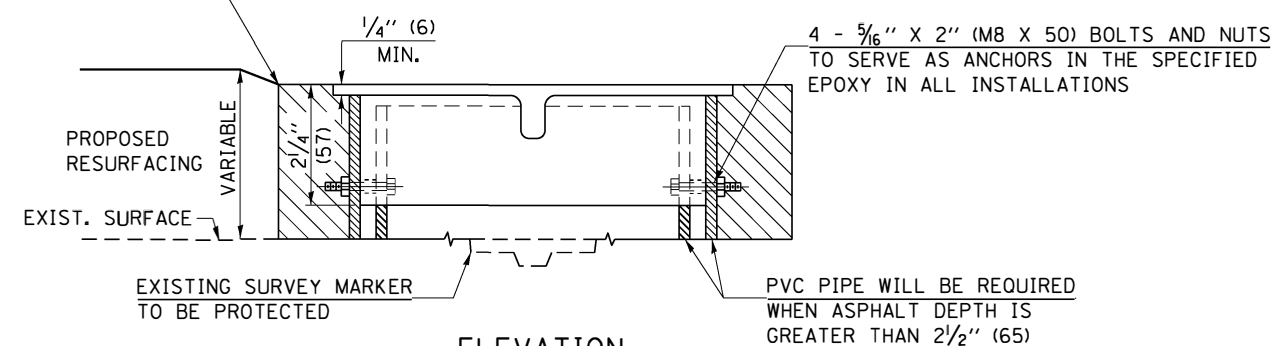
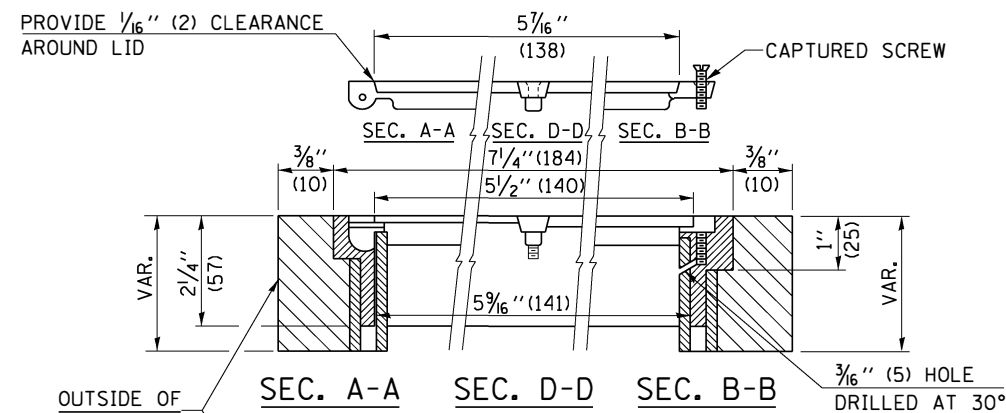
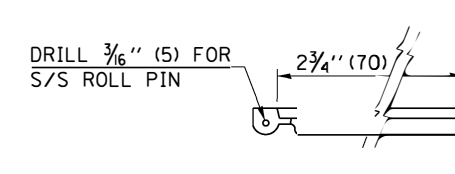
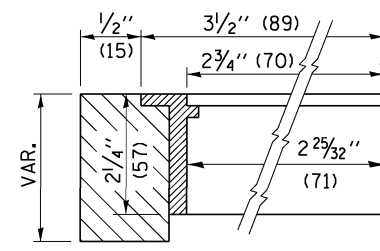


FILE NAME = S:\County Highways\CTY HWY 3\2300296-00-RS\Design\DWG\STREET		DESIGNED AR	REVISED — Revised MAT 06/18/24	SHELBY COUNTY HIGHWAY DEPARTMENT	STREET PLANS	FAS RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE =	CHECKED —	REVISED —			642	23-00296-00-RS	SHELBY	10	9
	PLOT SCALE 1" = 100'	DRAWN —	REVISED —			CONTRACT NO. 95976				
	PLOT DATE =12/18/2024	CHECKED —	REVISED — Revised By4			ILLINOIS FED. AID PROJECT				
SCALE: 1"=100'						STA.314+00 TO STA.319+31				

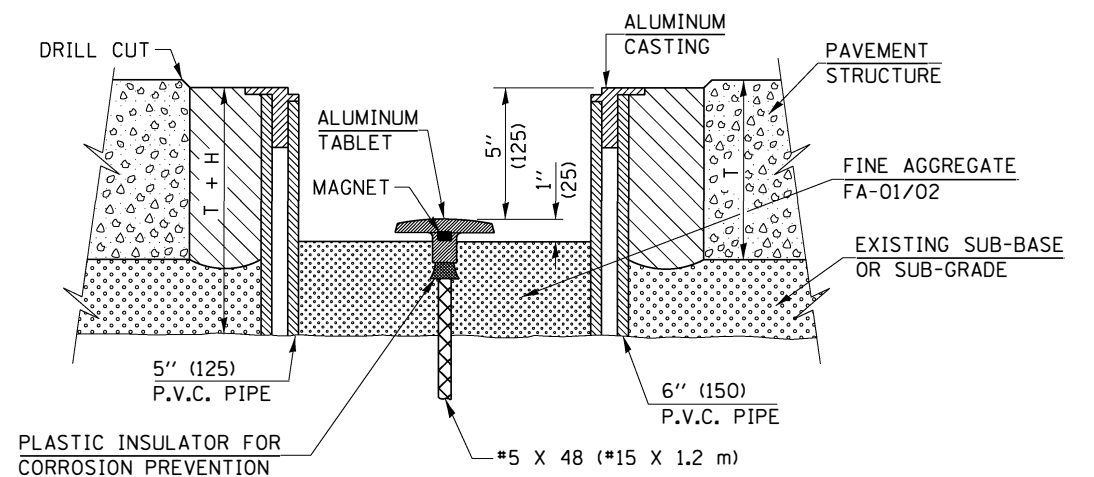


- LEGEND**
- ALUMINUM CASTING
 - 5" (125) OR 6" (150) P.V.C. PIPE
 - TWO-COMPONENT EPOXY
- T = THICKNESS OF PAVEMENT STRUCTURE
- H = THE THICKNESS OF THE SUB-BASE GRANULAR + 1" (25)

BILL OF MATERIAL
ALUMINUM CASTING OF THE DIMENSIONS AND SPECIFICATIONS SHOWN OR OTHER SUBJECT TO ENGINEER'S APPROVAL OF SHOP DRAWINGS, 4 EACH - $\frac{5}{16}$ " X 2" (M8 X 50) BOLTS WITH NUTS, EPOXY, 5" OR 6" (125 mm OR 150 mm) DIAMETER P.V.C. PIPE, SCHEDULE 40 (WHEN REQUIRED).



EXISTING SURVEY MARKER



PROPOSED SURVEY MARKER

NOT TO SCALE

Note: All dimensions are in INCHES (millimeters) unless otherwise shown.

DISTRICT 7 DETAIL NO. Z0070202

FILE NAME =	USER NAME = steffenmk	DESIGNED -	REVISED - MAD 6-11
et:\pw_work\pwidot\steffenmk\d0125064\Z0070202.dgn		DRAWN -	REVISED -
	PLOT SCALE = 2.000' / in.	CHECKED -	REVISED -
	PLOT DATE = 8/16/2013	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SURVEY MARKER VAULT				
SCALE:	SHEET NO.	OF SHEETS	STA.	TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
			10	10
CONTRACT NO. 95976				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				