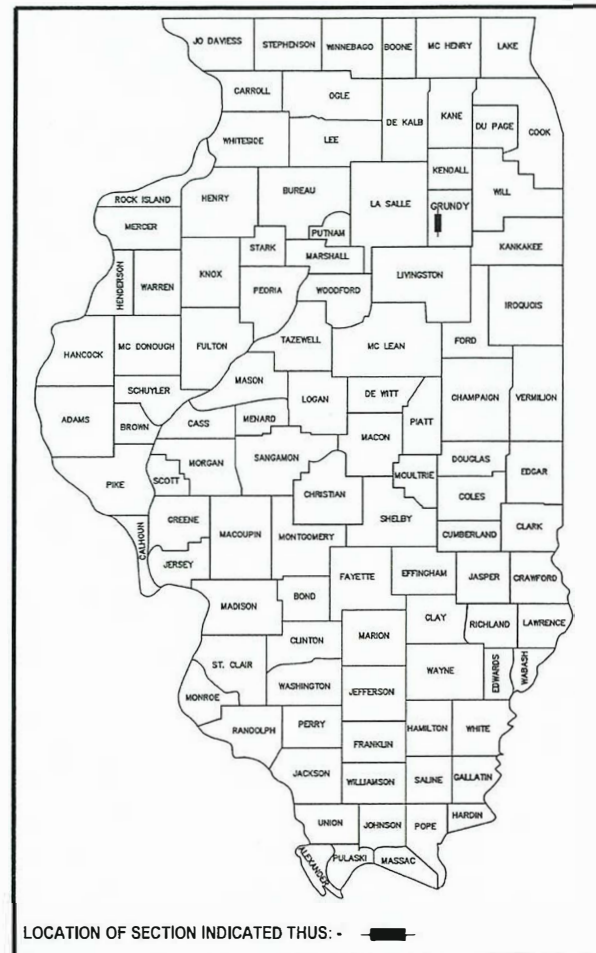


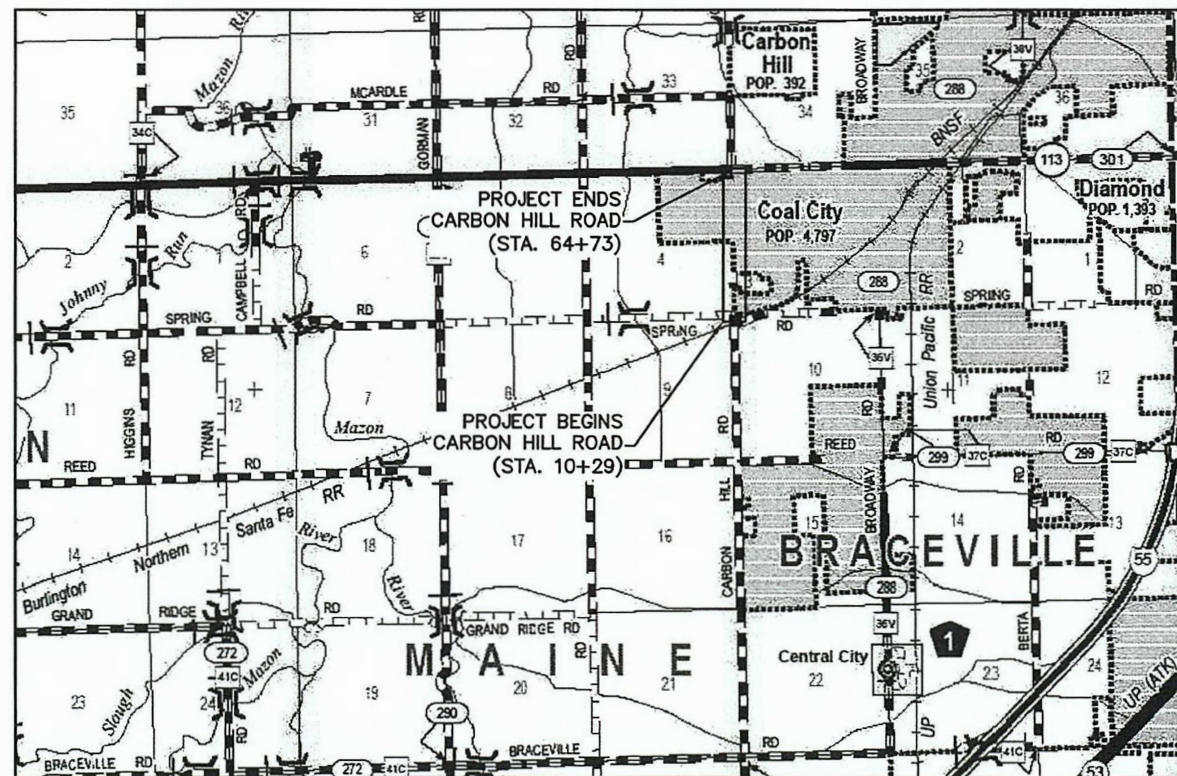
- 1. COVER SHEET
- 2. NOTES AND SUMMARY OF QUANTITIES
- 3. TYPICAL CROSS SECTIONS
- 4. RESURFACING PLAN STA. 10+00 TO 39+00
- 5. RESURFACING PLAN STA. 39+00 TO 65+00

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION
 DIVISION OF HIGHWAYS
**PLANS FOR PROPOSED
 STU FUNDS**

**MS 5900 CARBON HILL ROAD RESURFACING
 IL ROUTE 113 TO BNSF RAILROAD TRACKS
 VILLAGE OF COAL CITY
 SECTION 23-00037-00-RS
 PROJECT ESKP (562)
 GRUNDY COUNTY
 C-93-113-24**



LOCATION OF SECTION INDICATED THUS: -

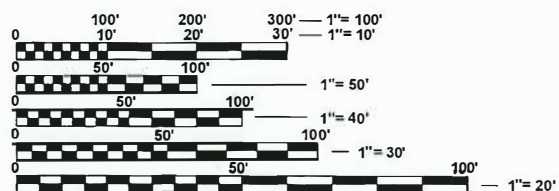


LOCATION SKETCH
NOT TO SCALE

GROSS LENGTH = 5,466.04 FEET = 1.04 MILES
NET LENGTH = 5,466.04 FEET = 1.04 MILES

FUNCTIONAL CLASSIFICATION

MINOR COLLECTOR
DESIGN SPEED: 35 MPH
DESIGN TRAFFIC: 3300 (2023)



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



STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

APPROVED April 5, 20 24
Wendy A. Jani
LOCAL AGENCY OFFICIAL

PASSED April 12 20 24
[Signature]

DISTRICT THREE ENGINEER OF LOCAL ROADS & STREETS

RELEASING FOR BID BASED ON LIMITED REVIEW April 12 20 24
Trisha Thompson
REGION TWO ENGINEER



Casey J. McCollow

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OF THE STATE OF ILLINOIS

CONTRACT NO. 87867



PERU MORRIS
OTTAWA MENDOTA
ILLINOIS

DRAWN BY: CJK	REVISIONS		
CHECKED BY: MGH	LEVEL	BY	DATE
DATE: 02/2024			
			DESCRIPTION

CURRENT AS OF: 02/27/2024	
SCALE: AS NOTED	SHEET 1
FILE NO.: 66416.00Y-	OF 5

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Drawing Name: I:\2023\0614\MS 5900 CARBON HILL RD L&P\2023\CAD\01-COVER.dwg
Last Modified: Friday, April 5, 2024 6:48:28 AM
Plotted On: Friday, April 5, 2024 9:04:52 AM
by: Dallen Koculis

General Notes

- The thickness of HMA shown on the plans is the nominal thickness. Deviations from the nominal thickness will be permitted when such deviations occur due to irregularities in the existing surface or base on which the HMA is placed.
- Except as noted on plans, pavement grades shown are at the top of pavement surfaces.
- The Engineer will be the sole judge concerning curing time for the various HMA lifts.
- For stabilization, all Type III barricades will require a minimum of eight (8) sandbags per barricade.
- Seeding will not be permitted at any time when the ground is frozen, wet, or in an untillable condition. Locations to be seeded will be determined by the Engineer.
- All elevations referring to U.S.G.S. Mean Sea Level Datum.
- Abandoned underground utilities that conflict with construction shall be disposed of outside the limits of the Right of Way according to Article 202.03 of the Standard Specifications and as directed by the Engineer. This work will be not be paid for separately, but will be included in the cost of Earth Excavation.
- Any reference to a Standard in these Plans shall be interpreted to mean the Edition as indicated by the subnumber shown in the list of Standards or the copy included in these Plans.
- The finished earthwork shall have a vegetation sustaining soil covering the top four inches in areas to be seeded. The vegetation sustaining soil required will not be paid for separately but will be included in the cost of Portland Cement Concrete Sidewalk, 5 Inch
- The following rates of application have been used in calculating plan quantities:

Granular Materials	2.05	tons/cu yd
HMA Surfacing	112	lbs/sq yd/in
Temp. Erosion Control Seeding	100	lbs/acre

STANDARDS

- 000001-08 STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
- 280001-07 TEMPORARY EROSION CONTROL SYSTEMS
- 701306-04 LANE CLOSURE, 2L 2W, SLOW MOVING OPERATIONS DAY ONLY, 45MPH OR MORE
- 701501-06 URBAN LANE CLOSURE, 2L 2W, UNDIVIDED
- 701801-06 SIDEWALK, CORNER OR CROSSWALK CLOSURE
- 701901-09 TRAFFIC CONTROL DEVICES

HMA MIXTURE REQUIREMENT TABLE		
Locations:	Entire Project	Entire Project
Mixture Use(s)	Polymerized HMA Binder Course	HMA Surface Course
Binder Grade (PG):	SBS PG 70-28	PG 64-22
Design Air Voids:	4.0% @ N50	4.0% @ N50
Mixture Composition: (Mixture Gradation)	IL-4.75	IL-9.5
Friction Aggregate:		Mixture C
Mixture Weight:	112.0 LB/SY/IN	112.0 LB/SY/IN
Quality Management Program:	QC/QA	QC/QA
Sublot Size:	N/A	N/A
Density Test Method:	Nuclear	Nuclear
Material Transfer Device (Required)	No	No

SUMMARY OF QUANTITIES

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	ROADWAY	
				0005	URBAN
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	9277	9277	
40603200	POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-4.75, N50	TON	1155	1155	
40604050	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "C", N50	TON	1750	1750	
42400800	DETECTABLE WARNINGS	SQ FT	200	200	
44000157	HOT-MIX ASPHALT SURFACE REMOVAL, 2"	SQ YD	20615	20615	
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	500	500	
44000600	SIDEWALK REMOVAL	SQ FT	1070	1070	
48101200	AGGREGATE SHOULDERS, TYPE B	TON	25	25	
60604400	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.18	FOOT	500	500	
60605000	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24	FOOT	25	25	
67100100	MOBILIZATION	L SUM	1	1	
* 78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	160	160	
* 78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	11500	11500	
* 78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	1200	1200	
* 78000500	THERMOPLASTIC PAVEMENT MARKING - LINE 8"	FOOT	225	225	
* 78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	275	275	
* 78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	80	80	
XX006429	SIDEWALK, SPECIAL	SQ FT	2167	2167	
Z0017400	DRAINAGE & UTILITY STRUCTURES TO BE ADJUSTED	EACH	10	10	

* SPECIALTY ITEMS

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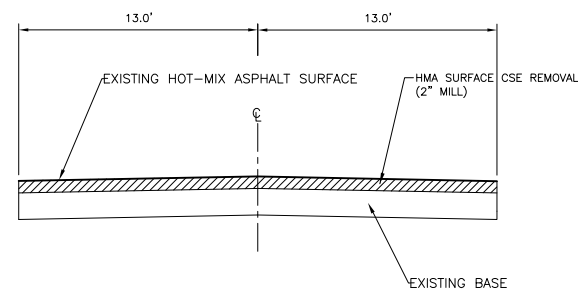
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CHECKED BY: MGH	LEVEL	BY	DATE	DESCRIPTION
DATE: 02/2024				

PERU MORRIS
OTTAWA MENDOTA
ILLINOIS

VILLAGE OF COAL CITY
515 S. BROADWAY STREET
COAL CITY, ILLINOIS

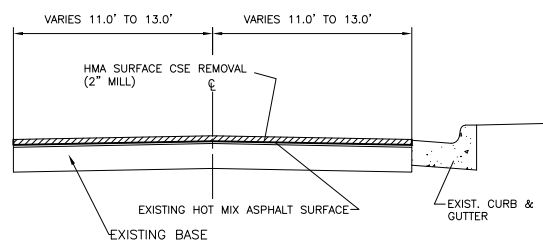
NOTES AND SUMMARY OF QUANTITIES

BIDDING PLANS	CURRENT AS OF: 02/27/2024
SCALE: AS NOTED	SHEET 2
FILE NO.: 66416.00 Y-	OF 5



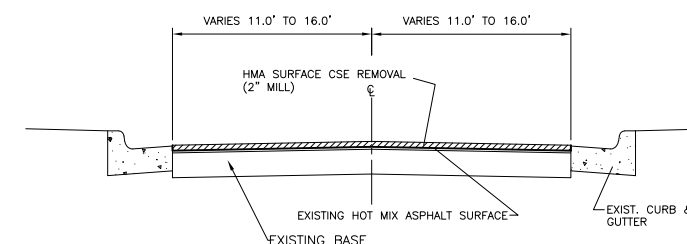
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STA. 10+00 TO STA. 14+00



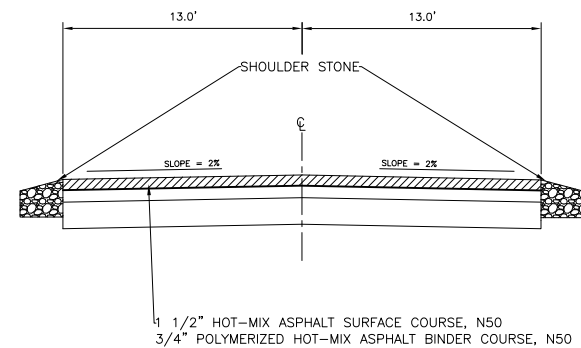
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STA. 14+00 TO STA. 19+66



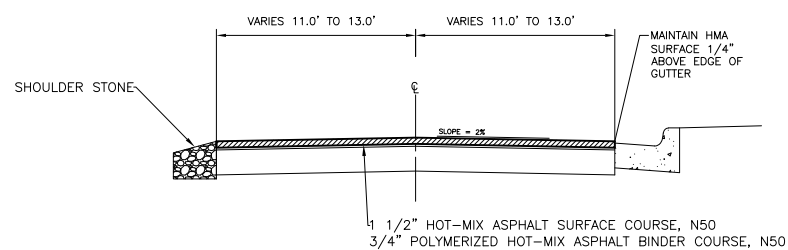
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STA. 19+66 TO STA. 64+73



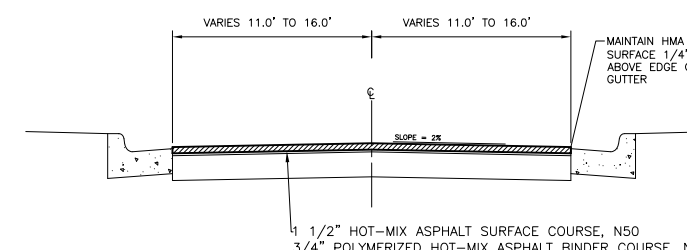
PROPOSED TYPICAL ROADWAY CROSS SECTION

STA. 10+00 TO STA. 14+00



PROPOSED TYPICAL ROADWAY CROSS SECTION

STA. 14+00 TO STA. 19+66



PROPOSED TYPICAL ROADWAY CROSS SECTION

STA. 19+66 TO STA. 64+73

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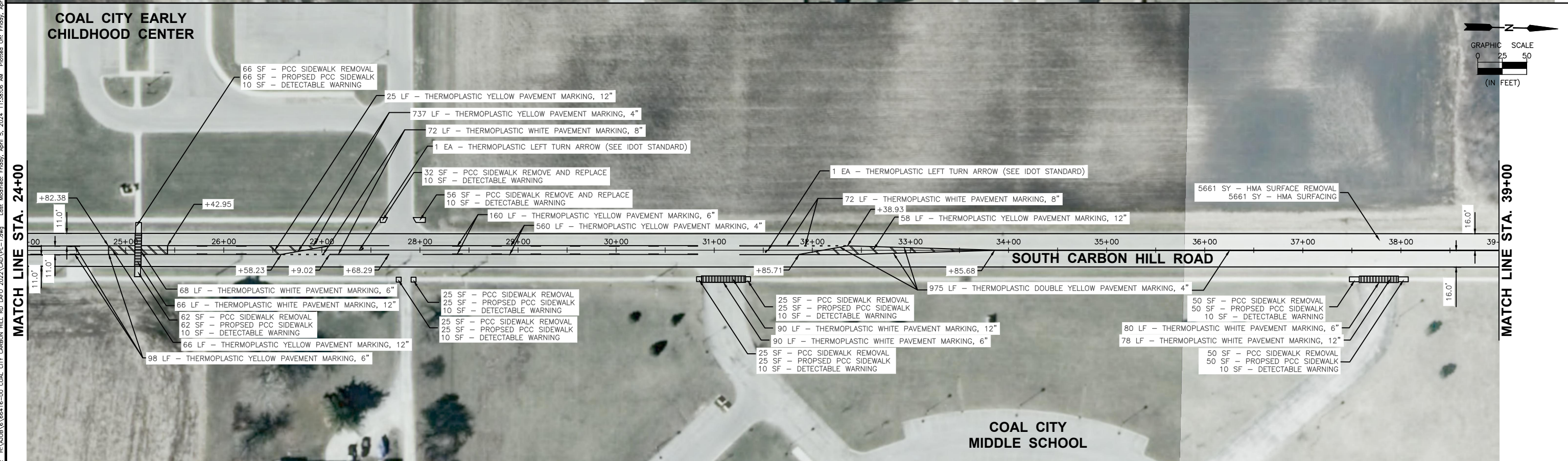
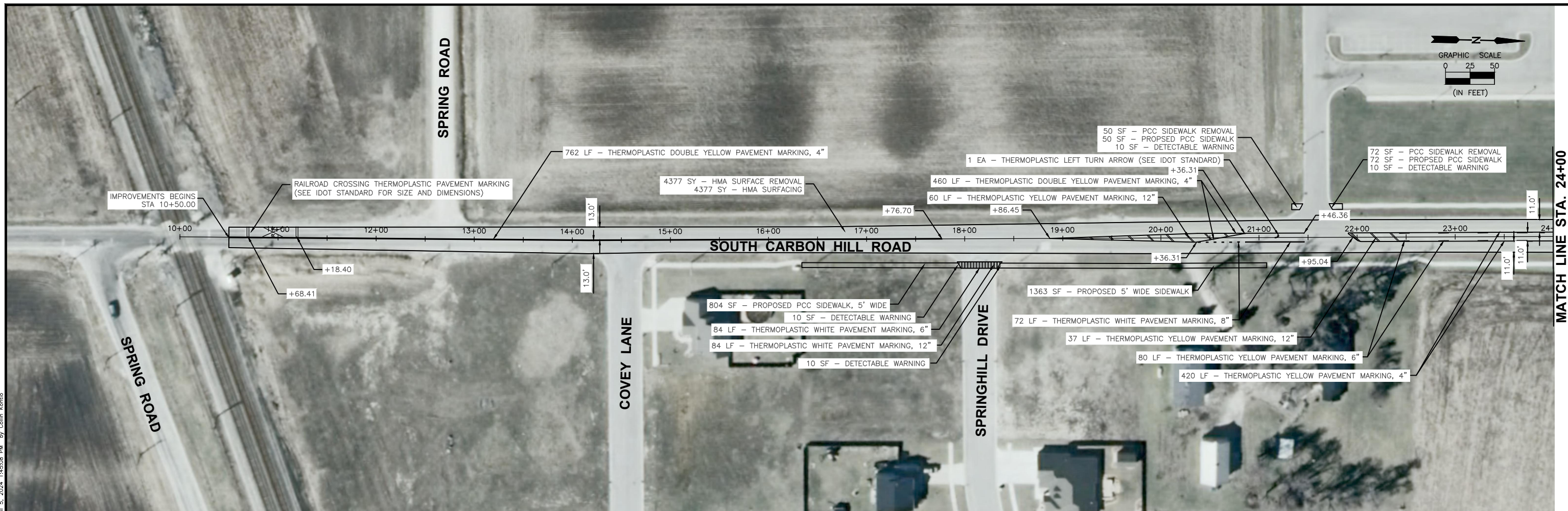


PERU MORRIS
OTTAWA MENDOTA
ILLINOIS

VILLAGE OF COAL CITY
515 S. BROADWAY STREET
COAL CITY, ILLINOIS

TYPICAL SECTIONS

CURRENT AS OF: 03/04/2024	
SCALE: AS NOTED	SHEET 3
FILE NO.: 66416.00	OF 5



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DATE: 03/22				

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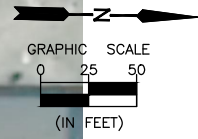
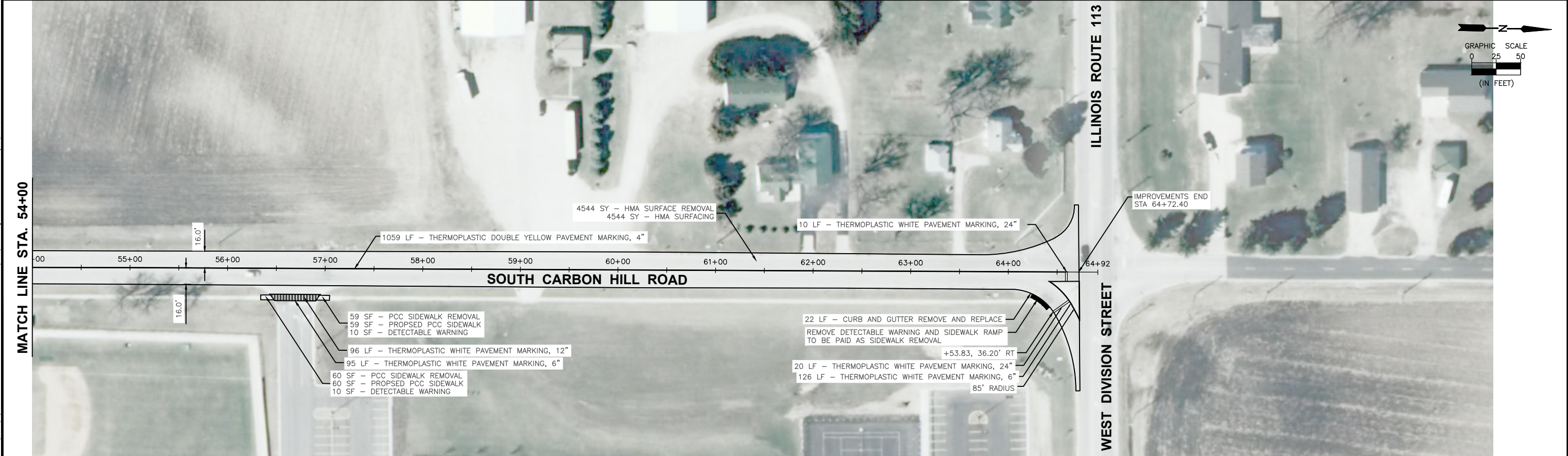
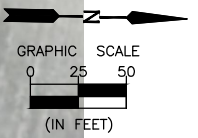
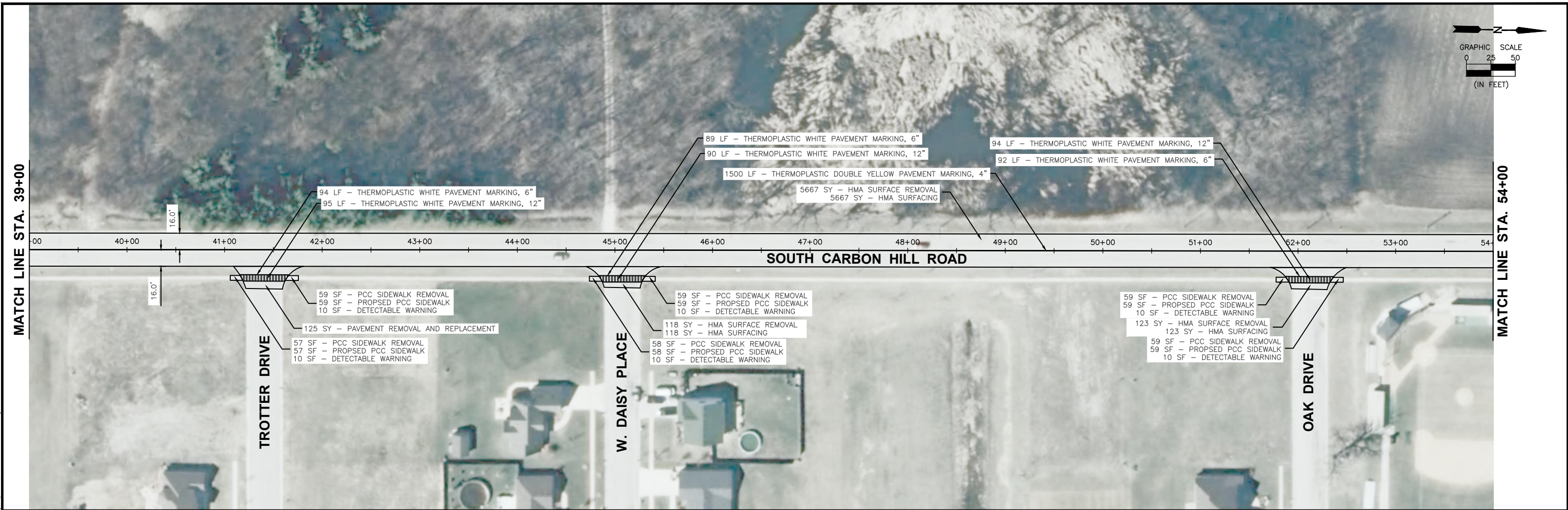
PERU MORRIS
OTTAWA MENDOTA
ILLINOIS

VILLAGE OF COAL CITY
515 S. BROADWAY STREET
COAL CITY, ILLINOIS

CARBON HILL ROAD RESURFACING
RESURFACING PLAN
STA. 10+00 TO STA. 39+00

CURRENT AS OF: 03/14/2022	
SCALE: AS NOTED	SHEET 4
FILE NO.: 66416.00 Y-	OF 5

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DATE: 03/22				

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 OTTAWA MENDOTA
 ILLINOIS

VILLAGE OF COAL CITY
 515 S. BROADWAY STREET
 COAL CITY, ILLINOIS

CARBON HILL ROAD RESURFACING
 RESURFACING PLAN
 STA. 39+00 TO STA. 65+00

CURRENT AS OF: 03/14/2022	
SCALE: AS NOTED	SHEET 5
FILE NO.: 66416.00 Y-	OF 5