

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
S.B.L. F.A.	16-00141-00-BT	EFFINGHAM	71	1
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT.		

11-05-2021 LETTING ITEM 083

BIKE PATH - PAVEMENT MARKING AND SIGNAGE PROJECT

SECTION 16-00141-00-BT

C-97-016-17

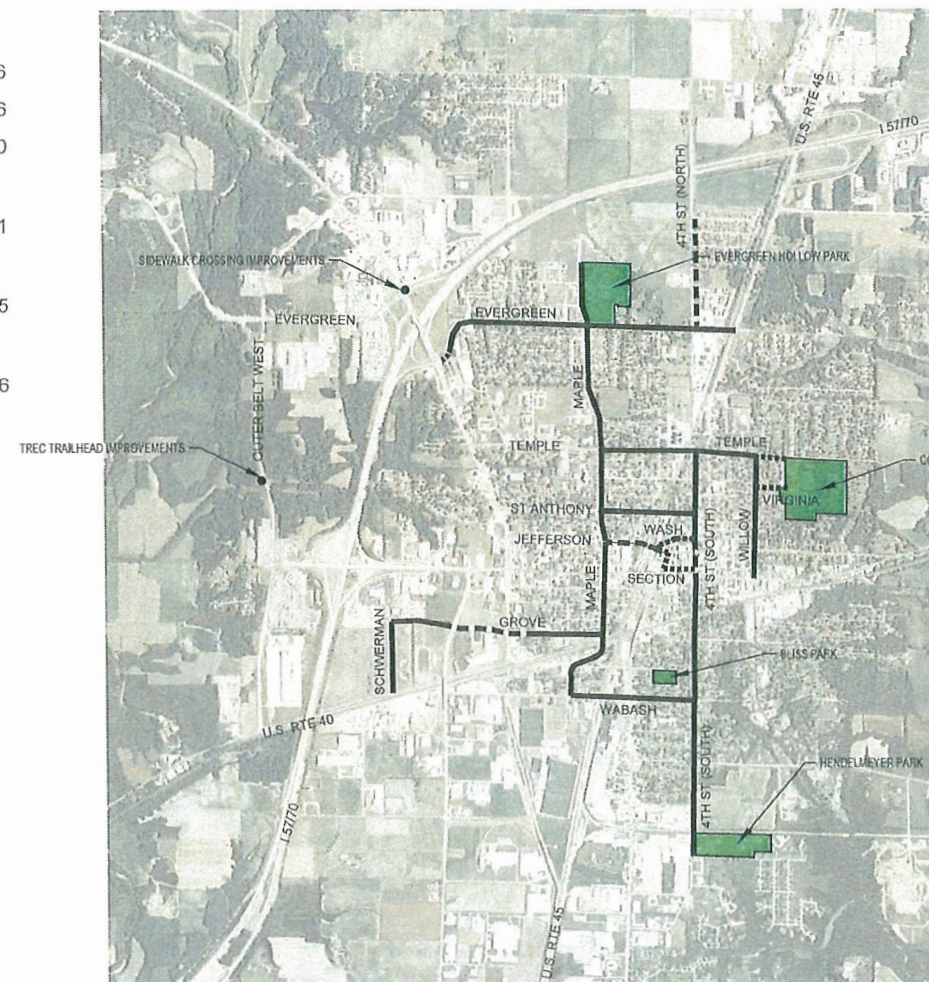
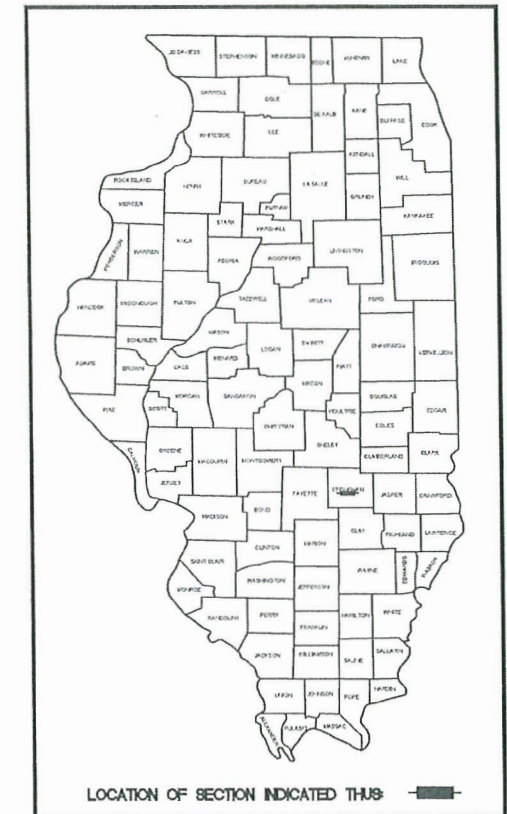
ITEP NO. 741011

PROJECT: 3ES7(838)

CITY OF EFFINGHAM

EFFINGHAM COUNTY, ILLINOIS

- | | |
|---|--------------|
| City Administrator - Steve Miller, P.E. - City of Effingham | 217-342-5303 |
| Director of Public Works - Jeremy Heuerman, P.E. - City of Effingham | 217-342-5303 |
| Building Official - Michelle Lilley - City of Effingham | 217-342-5300 |
| Utilities: | |
| Water - Brent Stortzum - City of Effingham | 217-342-2366 |
| Street/Sewer - Chris Huelsbusch - City of Effingham | 217-342-2366 |
| Gas - Zack Michael - AmerenCIPS
1800 Ford Avenue
Effingham, Illinois 62401 | 217-347-3130 |
| Electric - Jon Tipton - AmerenCIPS
1800 Ford Avenue
Effingham, Illinois 62401 | 217-347-3141 |
| Telephone - Wes Chambers - ICTC
121 South 17th Street
Mattoon, Illinois 61938 | 217-235-3355 |
| Cable TV - MediaCOM
710 West Jefferson Avenue
Effingham, Illinois 62401 | 217-342-6656 |



LEGEND
 SHARED LANES
 BIKE LANES
 CITY PARK

DESIGN STAGE J.U.L.I.E. DIG NUMBER

DIG # A0180878

J.U.L.I.E.

JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION
 1-800-892-0123 OR 811

UTILITY NOTE

THE LOCATIONS OF THOSE BURIED AND ABOVEGROUND UTILITIES SHOWN ARE APPROXIMATE, ARE SHOWN FOR CONTRACTOR INFORMATIONAL USE ONLY, AND ARE NOT TO BE REFERENCED FOR CONSTRUCTION PURPOSES. THE IMPLIED PRESENCE OR ABSENCE OF UTILITIES IS NOT TO BE CONSTRUED BY THE OWNER, ENGINEER, CONTRACTOR, OR SUBCONTRACTORS TO BE AN ACCURATE AND COMPLETE REPRESENTATION OF UTILITIES THAT MAY OR MAY NOT EXIST ON THE CONSTRUCTION SITE. BURIED AND ABOVEGROUND UTILITY LOCATION, IDENTIFICATION, AND MARKING ARE THE SOLE RESPONSIBILITY OF THE CONTRACTOR. REROUTING, DISCONNECTION, PROTECTION, ETC. OF ANY UTILITIES MUST BE COORDINATED BETWEEN THE CONTRACTOR, UTILITY COMPANY, AND OWNER. SITE SAFETY, INCLUDING THE AVOIDANCE OF HAZARDS ASSOCIATED WITH BURIED AND ABOVEGROUND UTILITIES, REMAIN THE SOLE RESPONSIBILITY OF THE CONTRACTOR. CONTRACTOR MUST CONTACT J.U.L.I.E. 48 HOURS PRIOR TO THE BEGINNING OF CONSTRUCTION.

APPROVED Mike Schermerman 9-1-21
 CITY MAYOR, CITY OF EFFINGHAM

PASSED 09/23/21
Bruce H. ...
 DISTRICT SEVEN ENGINEER OF LOCAL ROADS & STREETS

Releasing For Bid Based on Limited Review
09/23/21
Jeffrey ...
 REGION FOUR ENGINEER
 STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION



BIKE PATH - PAVEMENT MARKING AND SIGNAGE PROJECT
 SECTION 16-00141-00-BT

PLANS DATED:
 JUNE 22, 2021

MILANO & GRUNLOH ENGINEERS, LLC
 114 W. WASHINGTON AVE. | PO BOX 897
 EFFINGHAM, IL 62401
 Phone: (217) 347-7282 | (800) 677-2714
 Email: mgengineers@mgengineers.com
 Web: www.mgengineers.com
 Design Firm #184-003108

File name: S:\2018\160000\dwg\Title Sheet.dwg
 Plot date: 7/8/2021 13:35

Michael Tappendorf
 Michael Tappendorf
 My License Expires 11-30-21

P.E. No. 69073

CONTRACT #95822

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
S.B.I. F.A.	16-00141- 00-BT	EFFINGHAM	71	2
FED. ROAD DIST. NO. 7		ILLINOIS	FED. AID PROJECT.	

CONTRACT #95822

INDEX OF SHEETS

1	TITLE SHEET
2	INDEX OF SHEETS AND STANDARDS
3	GENERAL NOTES, DETAILS, & SCHEDULES
4	MARKING TYPICAL/DETAIL SHEETS
5	SUMMARY OF QUANTITIES SHEETS
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7	TRAILHEAD SCHEDULES
8	ALIGNMENT PLAN SHEET
9-11	KELLER DRIVE AND EVERGREEN AVENUE PLANS
12	KELLER DRIVE SCHEDULES
13-19	EVERGREEN AVENUE - PAVEMENT MARKING
20-22	FOURTH STREET (NORTH) - PAVEMENT MARKING
23-27	TEMPLE AVENUE - PAVEMENT MARKING
28-30	ST ANTHONY AVENUE - PAVEMENT MARKING
31-33	JEFFERSON AVENUE - PAVEMENT MARKING
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35	WASHINGTON AVENUE - PAVEMENT MARKING
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55-57	WABASH AVENUE - PAVEMENT MARKING
58-67	FOURTH STREET (SOUTH) - PAVEMENT MARKING
68-70	WILLOW STREET - PAVEMENT MARKING
71	VIRGINIA AVENUE - PAVEMENT MARKING

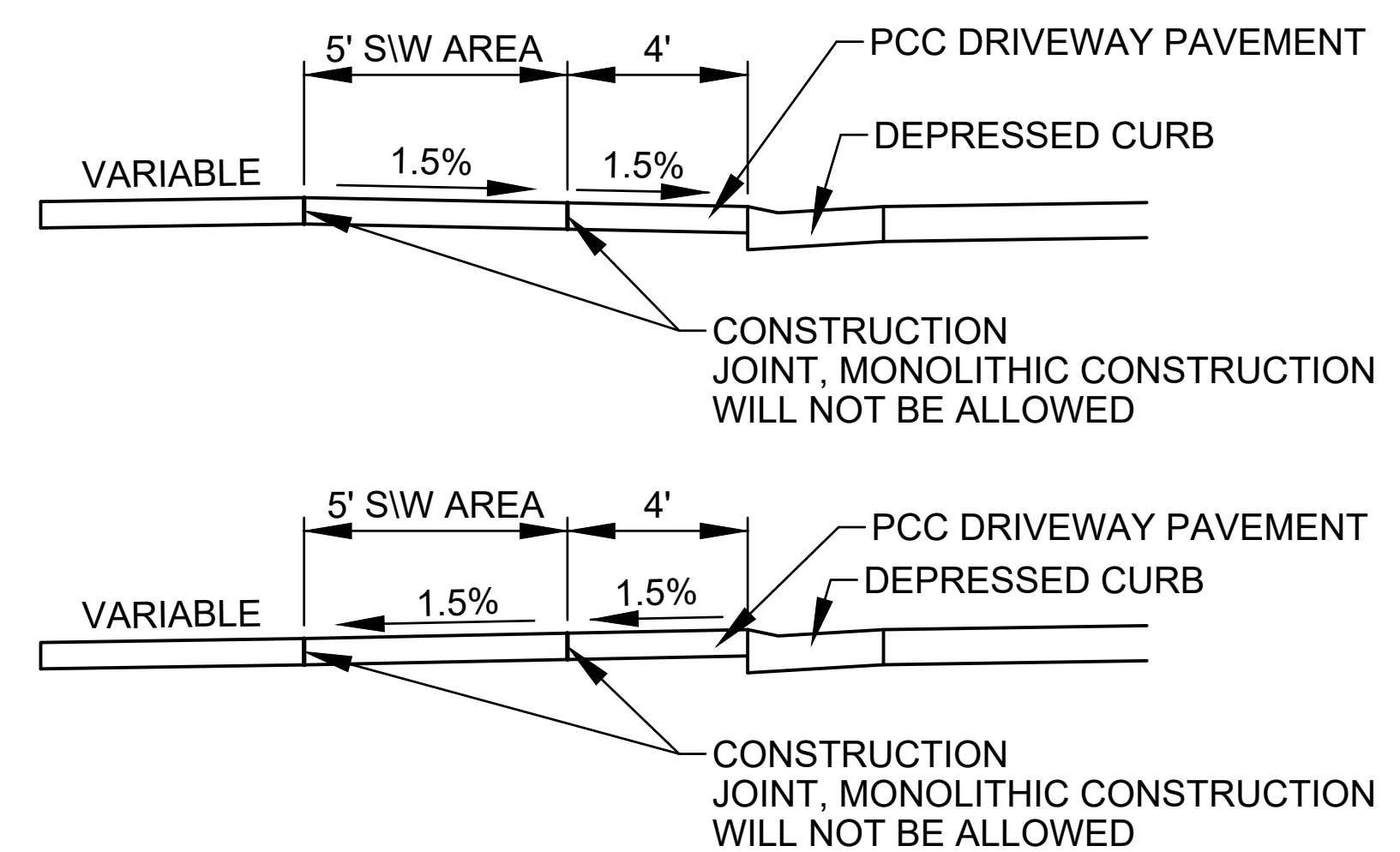
STANDARDS

280001-07	Temporary Erosion Control Systems
420701-03	Pavement Welded Wire Reinforcement
424001-11	Perpendicular Curb Ramps for Sidewalks
424031-02	Median Pedestrian Crossing
604091-04	Frame and Grate Type 24
606001-07	Concrete Curb Type B and Combination Curb and Gutter
701001-02	Off-Road Operations, 2L, 2W, More Than 15' (4.5 m) Away
701006-05	Off-Road Operations, 2L, 2W, 15' (4.5 m) to 24"
701011-04	Off-Road Moving Operations, 2L, 2W, Day Only
701201-05	Lane Closure, 2L, 2W, Day Only, for Speeds ≥ 45 MPH
701301-04	Lane Closure, 2L, 2W, Short Time Operations
701311-03	Lane Closure, 2L, 2W, Moving Operations, Day Only
701501-06	Urban Lane Closure, 2L 2W, Undivided
701801-06	Lane Closure Multilane 1W or 2W Crosswalk or Sidewalk Closure
701901-08	Traffic Control Devices
720001-01	Sign Panel Mounting Details
720011-01	Metal Posts for Signs, Markers, & Delineators
720006-04	Sign Panel Erection Details
780001-05	Typical Pavement Marking
814001-03	Handholes
873001-02	Traffic Signal Grounding and Bonding
876001-04	Pedestrian Push Button Post
878001-11	Concrete Foundation Details
BLR-22-7	Typical Application of Traffic Control Devices for Construction on Rural Local Highways (Two-Lane, Two Way Rural Traffic) (Road Closed to Thru Traffic)

LEGEND

○	IRON PIN FOUND
○ 1/4	1/4" IRON PIN FOUND
○IP	IRON PIPE FOUND
○N&W	NAIL & WASHER FOUND
○N	NAIL FOUND
○PK	PK NAIL FOUND
○RR	RAILROAD SPIKE FOUND
○T	"T" FENCE POST FOUND
○"X"	CHISELED "X" IN CONCRETE FOUND
○DH	DRILLED HOLE IN CONCRETE FOUND
⊗	SURVEY DISC FOUND
⊙	STONE FOUND
☀	TREE (DECIDUOUS)
★	TREE (EVERGREEN)
⊙	FIRE HYDRANT
⊞	WATER METER
— v —	WATER MAIN (EXISTING)
— w —	WATER SERVICE LINE (EXISTING)
⊗	VALVE (GAS OR WATER)
⊞	GAS METER
— g —	GAS MAIN (EXISTING)
— s —	GAS SERVICE LINE (EXISTING)
□C	CABLE TV PEDESTAL
— CT —	UNDERGROUND CABLE TV (EXISTING)
□T	TELEPHONE PEDESTAL
Ⓣ	TELEPHONE MANHOLE
— T —	TELEPHONE CABLE (EXISTING)
— t —	TELEPHONE SERVICE WIRE (EXISTING)
—○—	POWER POLE
⊙	POWER POLE w/LIGHT
—	GUY ANCHOR
●	LIGHTPOLE (EXISTING)
⊙	SIDEWALK LIGHT (EXISTING)
□E	ELECTRIC PEDESTAL
— DHE —	OVERHEAD ELECTRIC (EXISTING)
— E —	UNDERGROUND ELECTRIC (EXISTING)
L/S	LANDSCAPING
+	STREET SIGN (EXISTING)
⊞	SIGN (EXISTING)
⊙	FENCE POST
— x —	FENCE

 <p>MILANO & GRUNLOH ENGINEERS, LLC 114 W. WASHINGTON AVE. PO BOX 897 EFFINGHAM, IL 62401 Phone: (217) 347-7282 (800) 677-2714 Email: mgenengineers@mgenengineers.com Web: www.mgenengineers.com Design Firm #184-003108</p>	<p>INDEX OF SHEETS AND STANDARDS BIKE PATH - PAVEMENT MARKING AND SIGNAGE PROJECT SECTION 16-00141-00-BT CITY OF EFFINGHAM, ILLINOIS EFFINGHAM COUNTY, ILLINOIS</p>
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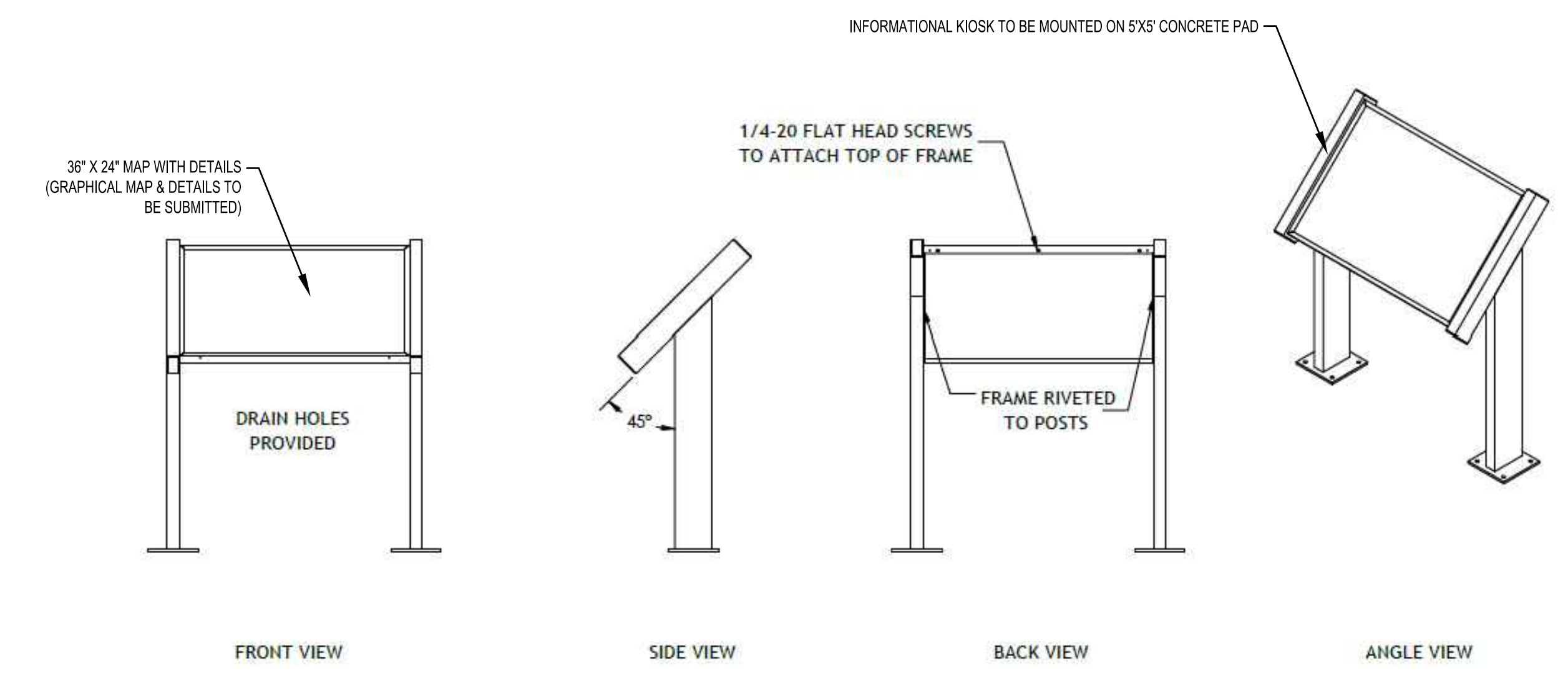
DETAIL OF SIDEWALK THROUGH ENTRANCES

- Pavement grades shown are at the top of pavement surfaces, unless otherwise noted in the plans.
- Erosion control measures shall be in accordance with IDOT Specifications. Placement shall be directed by the Engineer.
- All elevations refer to U.S.G.S. mean sea level datum.
- Any reference to a standard in the plans shall be interpreted to mean the edition as indicated by the sub-number listed on Sheet 2.
- Before ordering storm sewers, pipe culverts or pipe drains, the Contractor shall consult the Engineer for exact lengths.
- CURB AND GUTTER, WALKS, SLABS, AND PCC DRIVEWAY PAVEMENT 8"**
 - Concrete curb and gutter shall be in accordance with IDOT Std. Spec. Locate contraction joints at 15 ft on center, unless otherwise shown.
 - Concrete walks, and islands shall be in accordance with IDOT Std. Spec. Unless otherwise shown, locate sidewalk contraction joints at 5 ft on center and expansion joints at 50 ft on center, unless otherwise shown, locate contraction joints in larger slabs at 15 ft intervals in each direction.
- SHARED LANE MARKINGS**
 - If used in a shared lane with on-street parallel parking, Shared Lane Markings should be placed so that the centers of the markings are at least 11 feet from the face of the curb, or from the edge of the pavement where there is no curb.
 - If used on a street without on-street parking that has an outside travel lane that is less than 14 feet wide, the centers of the Shared Lane Markings should be at least 4 feet from the face of the curb, or from the edge of the pavement where there is no curb.
 - If used, the Shared Lane Marking should be placed immediately after an intersection and spaced at intervals not greater than 250 feet thereafter.

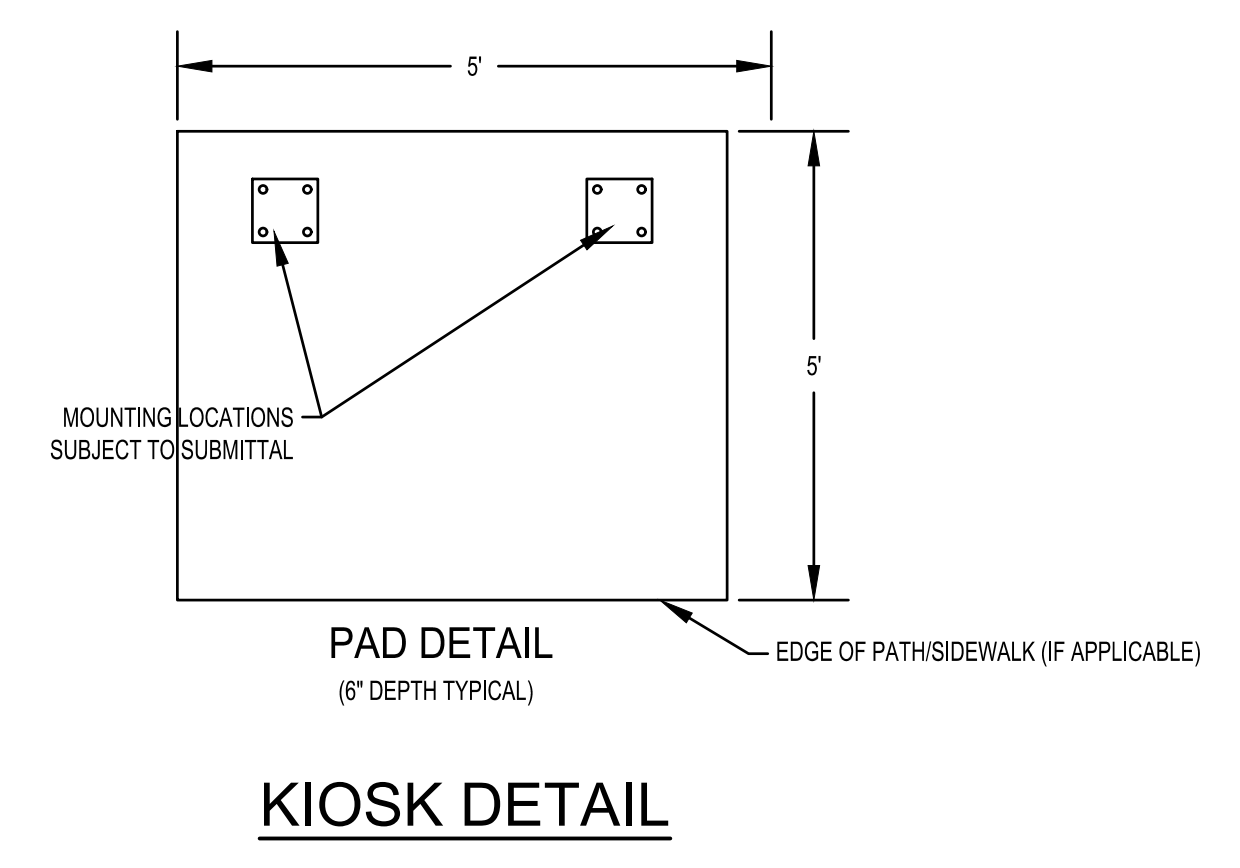
8. PROPERTY BOUNDARY INFORMATION

Boundaries shown on plans are for reference only. These are not actual surveyed lines.

PAVEMENT MARKING AND SIGNAGE								
LOCATION	SHEETS	Thermoplastic Pavement Marking - Letters and Symbols	Thermoplastic Pavement Marking - Line 4"	Modified Urethane Pavement Marking - Letters and Symbols	Modified Urethane Pavement Marking - Line 4"	Sign Panel - Type 1	Telescoping Steel Sign Support	Pavement Marking Removal (Special)
		SQ FT	FOOT	SQ FT	FOOT	SQ FT	FOOT	SQ FT
Trailhead Improvements	6-7			5.2	265.7	15.5	31.0	
Keller Dr	9-11							468
Evergreen Avenue	13-19			448.0	9,703.0	25.6	88.0	
Fourth Street	20-22	104.0				33.2	63.0	
Temple Avenue	23-27	67.2	2,298.0	282.0	2,082.0	61.3	185.0	67.2
St. Anthony Avenue	28-30	44.8	1,698.0	205.6	1,190.0	13.3	57.0	132.4
Jefferson Avenue	31-33	64.0		16.0		11.3	17.0	
Banker Street	34			32.0				
Washington Avenue	35	64.0						
Section Avenue	36	64.0						
Schwerman Street	37-38			56.0	2,467.0	10.3	43.0	
Grove Avenue	39-43					98.3	258.0	
Maple Street	44-54	78.4	1,770.0	788.0	14,419.0	92.4	296.0	152.4
Wabash Avenue	55-57	166.0	54.0	94.8	1,345.0	77.9	204.0	69.2
Fourth Street	58-67	504.8	6,745.0	380.0	5,730.0	123.7	376.0	332.8
Willow Street	68-70	33.6	760.0	156.8	3,389.0	22.3	99.0	
Virginia Avenue	71	48.0				17.6	34.0	
TOTAL		1,238.8	13,325.0	2,702.8	44,758.7	602.7	1,751.0	1,222.0
USE		1,239.0	13,325.0	2,703.0	44,759.0	603.0	1,751.0	1,222.0



KIOSKS			
STREET	APPROXIMATE STATION	OFFSET	INFORMATION KIOSK XX001683 EACH
Trailhead Improvements	417+50	LT	1.0
Grove Avenue	495+10	LT	1.0
Maple Street	331+75	LT	1.0
4TH STREET (SOUTH)	78+25	RT	1.0
Temple Avenue	695+00	RT	1.0
Jefferson Avenue	562+50	RT	1.0
Schwerman Street	311+50	RT	1.0
TOTAL			7.0



<p>MILANO & GRUNLOH ENGINEERS, LLC 114 W. WASHINGTON AVE. PO BOX 897 EFFINGHAM, IL 62401 Phone: (217) 347-7262 (800) 677-2714 Email: mgeni@mgengineers.com Web: www.mgeni.com Design Firm #184-003108</p>	<p>GENERAL NOTES, DETAILS & SCHEDULE BIKE PATH - PAVEMENT MARKING AND SIGNAGE PROJECT SECTION 16-00141-00-BT CITY OF EFFINGHAM, ILLINOIS EFFINGHAM COUNTY, ILLINOIS</p>
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ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
S.B.I. F.A.	16-00141-00-BT	EFFINGHAM	71	4
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT:		

CONTRACT #95822



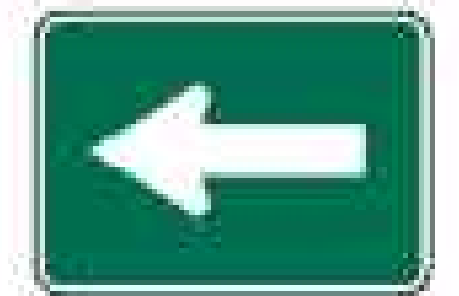
D11-1
24" x 18"



D11-1bP
24" x 18"



D11-1c
24" x 18"



M6-1
12" x 9"



M6-4
12" x 9"



R3-17bP
24" x 8"



R5-1b



R9-3cP

12" x 18"
12" x 12"



W11-1*

30" x 30"



W11-15*



W11-15P* (optional)

30" x 30"
24" x 18"



R4-11

30" x 30"



R3-17

24" x 18"



R1-1

30" x 30"

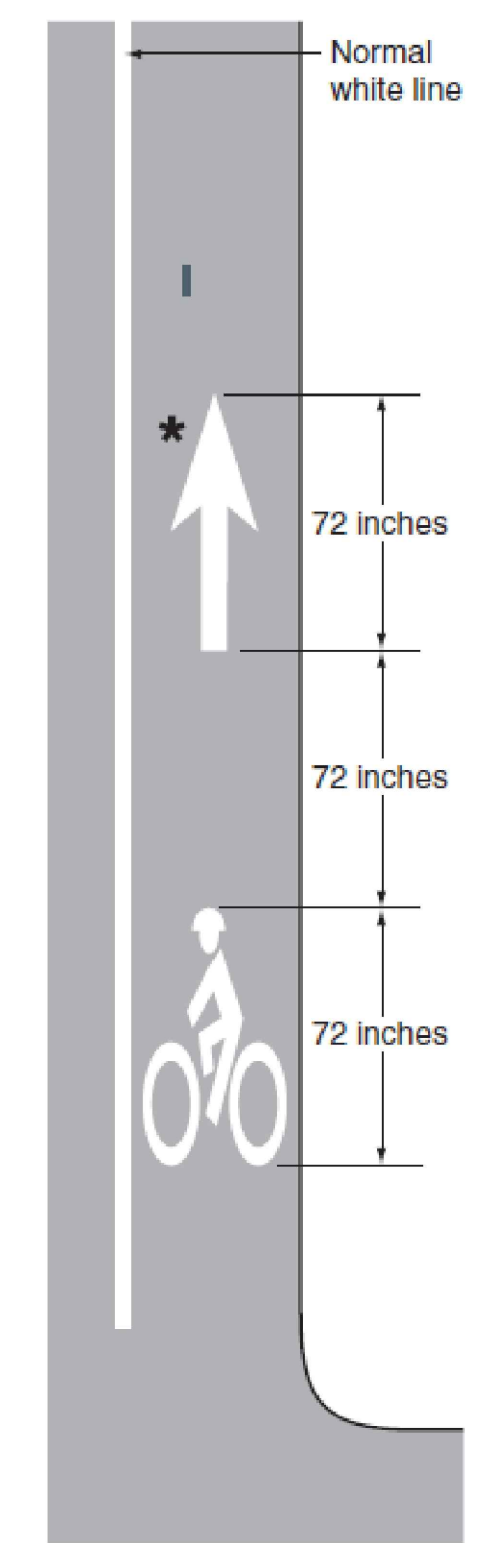


(DESIGNATED "3 FT CLEARANCE" SIGN ON PLANS)
12" x 30"

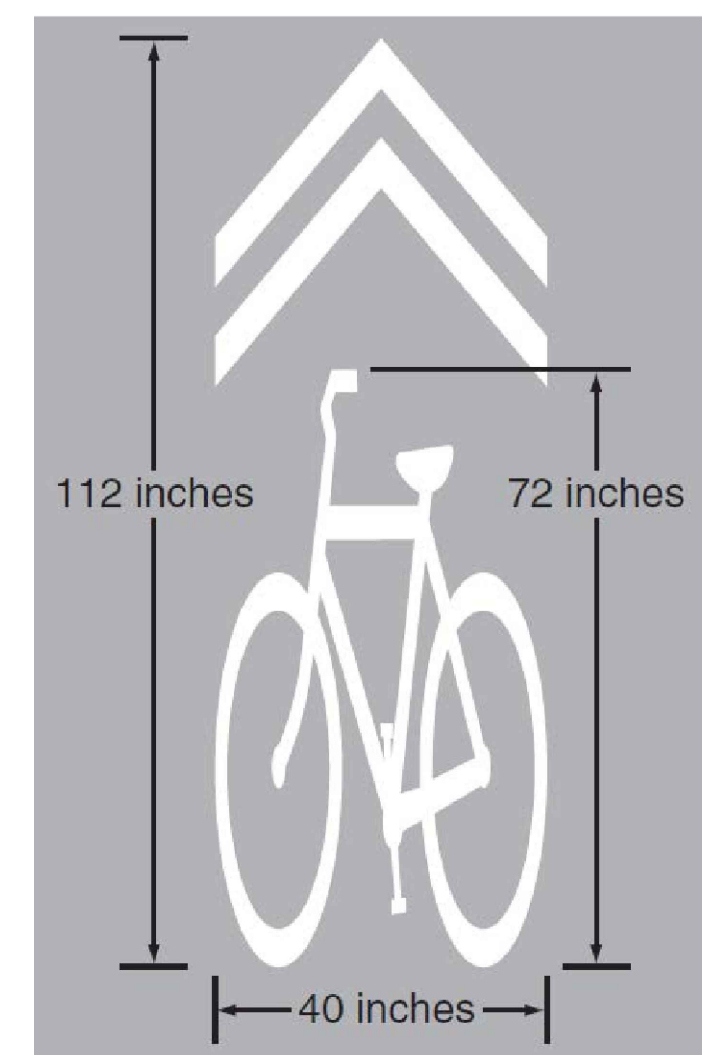


R10-22

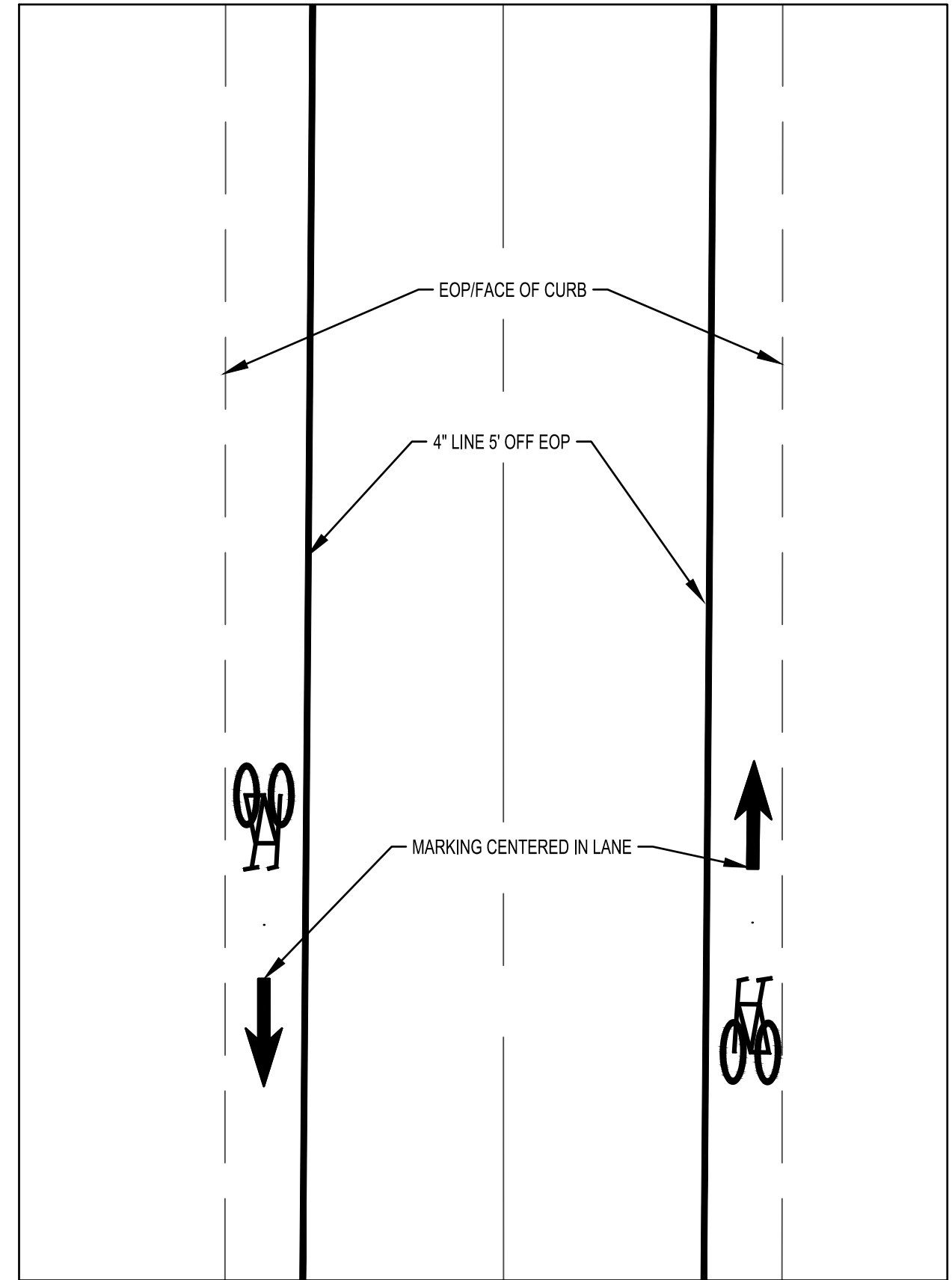
12" x 18"



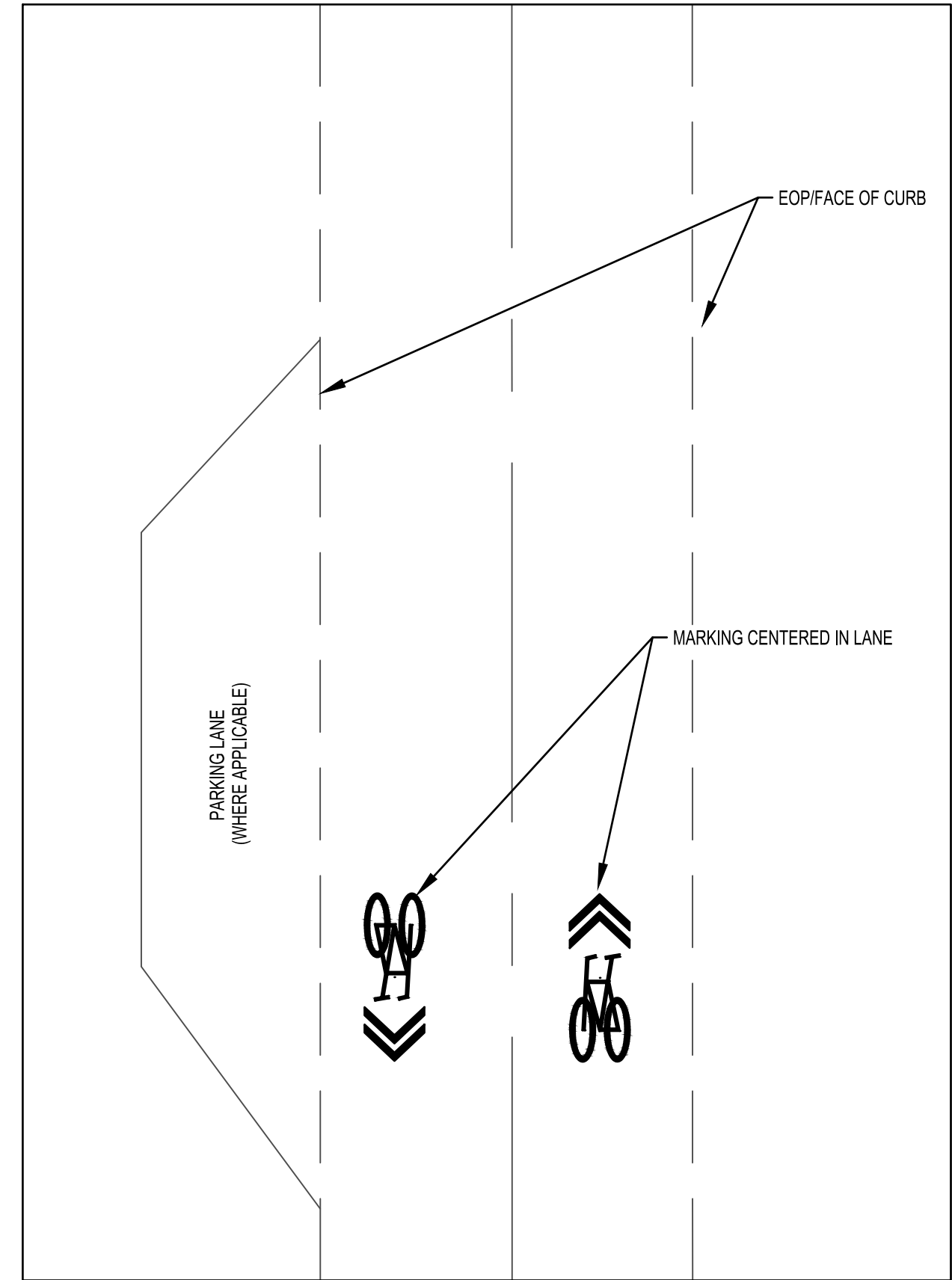
BIKE LANE PAVEMENT MARKING



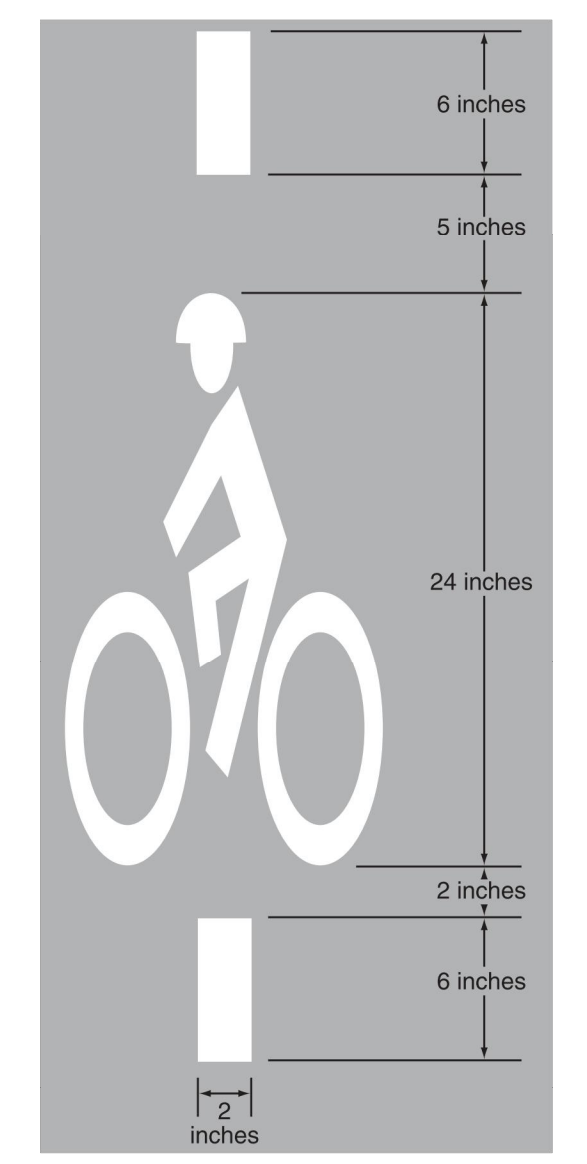
SHARED LANE PAVEMENT MARKING



TYPICAL
BIKE LANE PAVEMENT MARKING



TYPICAL
SHARED LANE PAVEMENT MARKING



DETAIL OF BICYCLE DETECTOR MARKING

MARKING PLACEMENT IS TO BE PLACED UPON THE CORNER OF DETECTOR LOOPS, WHEREVER APPLICABLE. CONTRACTOR TO COORDINATE WITH ENGINEER ON FINAL PLACEMENT.

MILANO & GRUNLOH ENGINEERS, LLC
114 W. WASHINGTON AVE. | PO BOX 897
EFFINGHAM, IL 62401
Phone: (217) 347-7262 | (800) 677-2714
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Web: www.mgengineers.com
Design Firm #184-003108

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MARKING TYPICAL/DETAIL SHEETS
BIKE PATH - PAVEMENT MARKING
AND SIGNAGE PROJECT
SECTION 16-00141-00-BT
CITY OF EFFINGHAM, ILLINOIS
EFFINGHAM COUNTY, ILLINOIS

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
S.B.L. F.A.	16-00141-00-BT	EFFINGHAM	71	5
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT.		

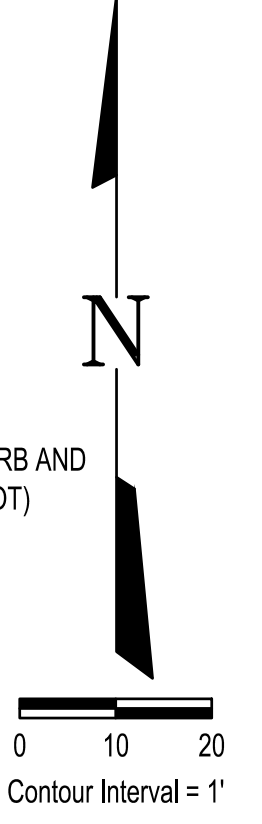
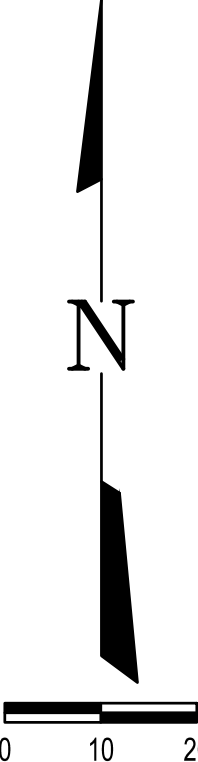
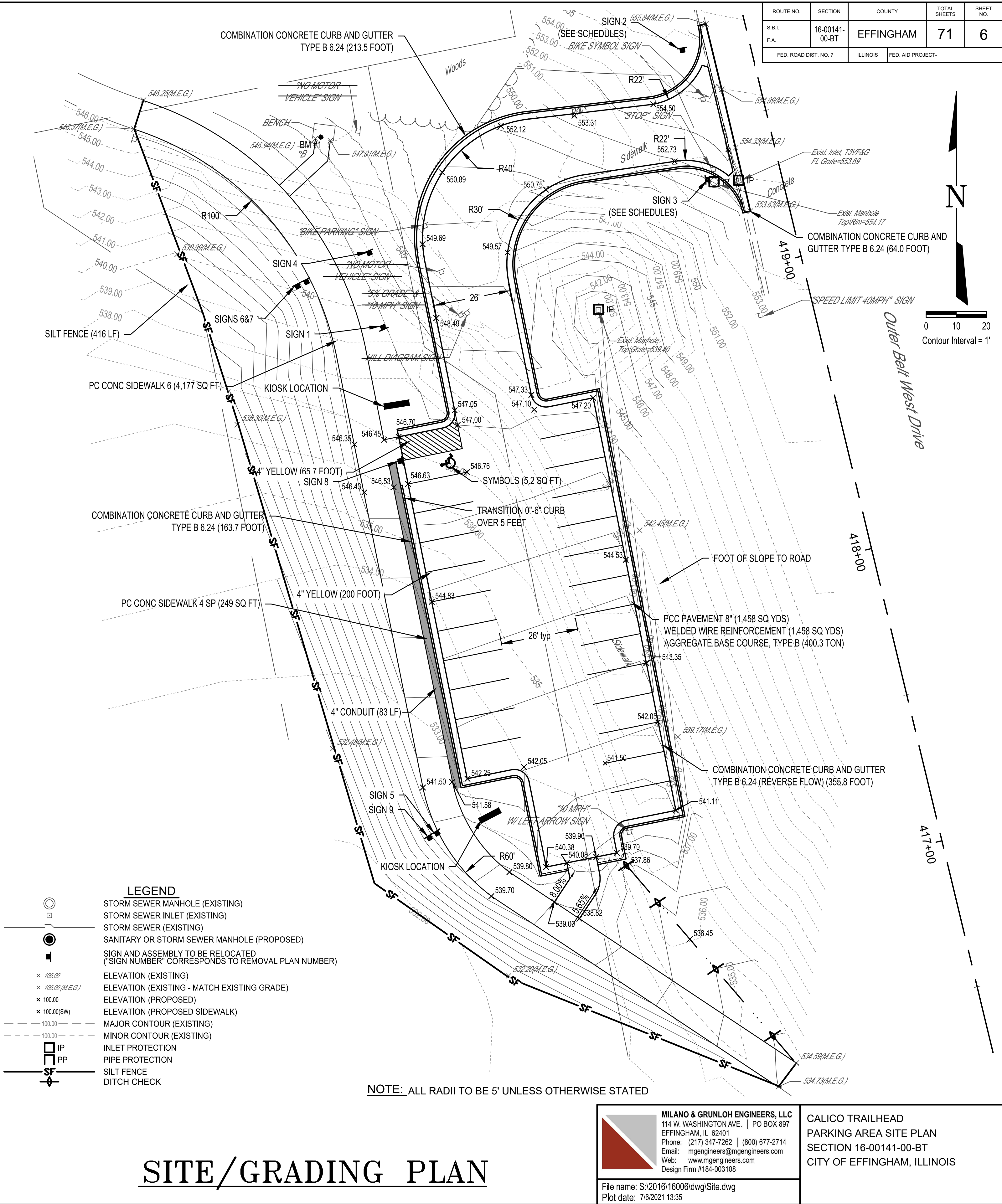
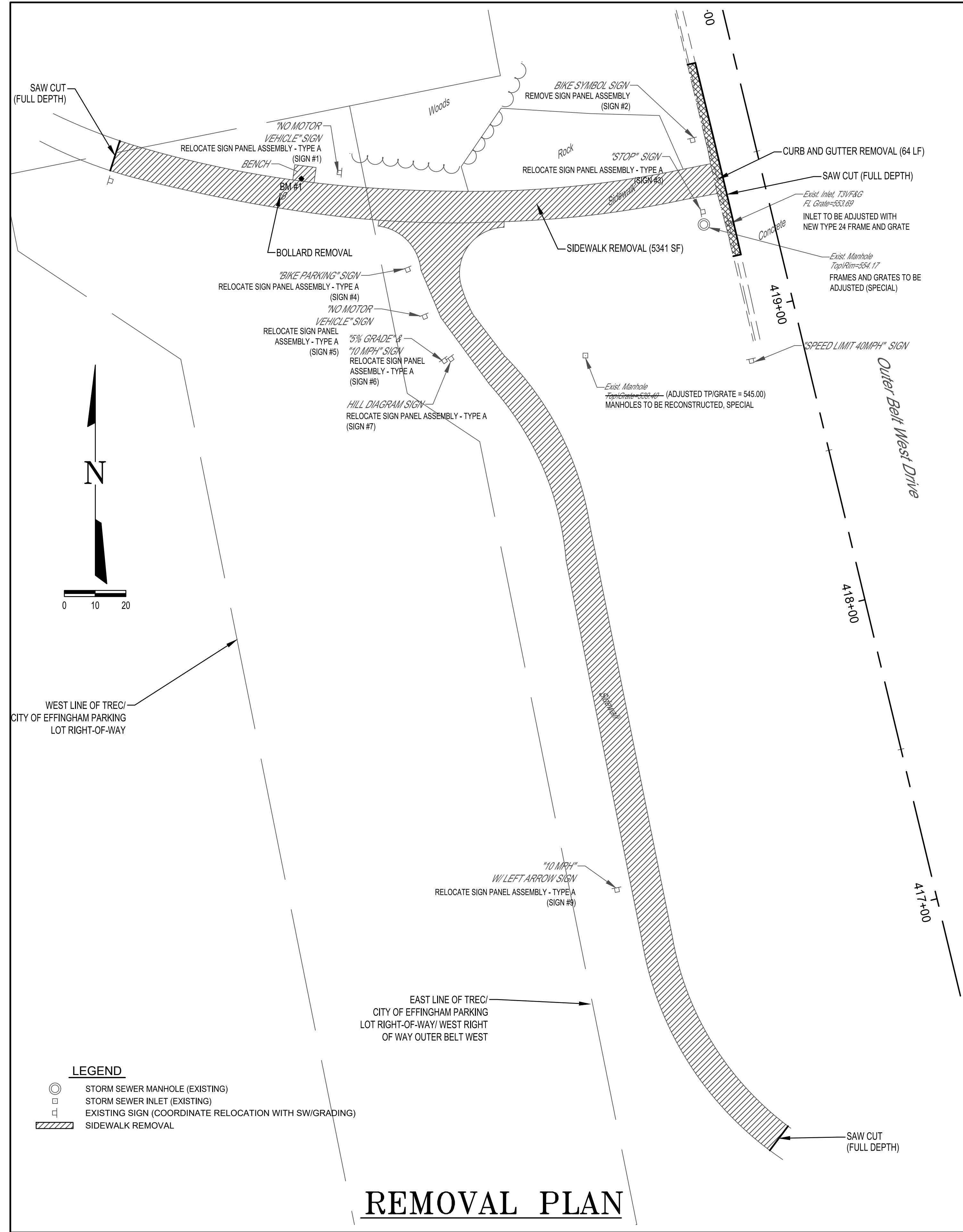
CONTRACT #95822

SUMMARY OF QUANTITIES						
CITY OF EFFINGHAM						
2016 ITEP						
ITEM No.	ITEM	UNIT	QUANTITY	TOTAL FEDERAL COST (80% PARTICIPATING)	TOTAL LOCAL COST (20% PARTICIPATING)	
20200100	EARTH EXCAVATION	CU YD	775.0	620.0	155.0	
20400800	FURNISHED EXCAVATION	CU YD	6,115.0	4,892.0	1,223.0	
21101615	TOPSOIL FURNISH AND PLACE, 4"	SQ YD	2,493.0	1,994.4	498.6	
28000305	TEMPORARY DITCH CHECKS	FOOT	40.0	32.0	8.0	
28000400	PERIMETER EROSION BARRIER	FOOT	673.0	538.4	134.6	
28000500	INLET AND PIPE PROTECTION	EACH	6.0	4.8	1.2	
28000510	INLET FILTERS	EACH	5.0	4.0	1.0	
35100100	AGGREGATE BASE COURSE, TYPE A	TON	400.0	320.0	80.0	
42300400	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8 INCH	SQ YD	1,458.0	1,166.4	291.6	
42400300	PORTLAND CEMENT CONCRETE SIDEWALK 6 INCH	SQ FT	7,052.0	5,641.6	1,410.4	
42400800	DETECTABLE WARNINGS	SQ FT	162.0	129.6	32.4	
44000100	PAVEMENT REMOVAL	SQ YD	27.0	21.6	5.4	
44000500	COMBINATION CONCRETE CURB & GUTTER REMOVAL	FOOT	127.0	101.6	25.4	
44000600	SIDEWALK REMOVAL	SQ FT	5,504.0	4,403.2	1,100.8	
44200050	WELDED WIRE REINFORCEMENT	SQ YD	1,458.0	1,166.4	291.6	
542A0220	PIPE CULVERTS, TYPE A, TYPE 1 15"	FOOT	32.0	25.6	6.4	
60261540	INLETS TO BE ADJUSTED WITH NEW TYPE 24 FRAME AND GRATE	EACH	1.0	0.8	0.2	
60605000	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24	FOOT	860.0	688.0	172.0	
* 66900200	NON-SPECIAL WASTE DISPOSAL	CU YD	13.0	10.4	2.6	
* 66901001	REGULATED SUBSTANCES PRECONSTRUCTION PLAN	L SUM	1.0	0.8	0.2	
* 66901006	REGULATED SUBSTANCES MONITORING	CAL DAY	2.0	1.6	0.4	
* 66901003	REGULATED SUBSTANCES FINAL CONSTRUCTION REPORT	L SUM	1.0	0.8	0.2	
* 66900530	SOIL DISPOSAL ANALYSIS	EACH	1.0	0.8	0.2	
67100100	MOBILIZATION	L SUM	1.0	0.8	0.2	
* 72000100	SIGN PANEL - TYPE 1	SQ FT	603.0	482.4	120.6	
* 72400100	REMOVE SIGN PANEL ASSEMBLY - TYPE A	EACH	2.0	1.6	0.4	
* 72400500	RELOCATE SIGN PANEL ASSEMBLY - TYPE A	EACH	7.0	5.6	1.4	
* 72800100	TELESCOPING STEEL SIGN SUPPORT	FOOT	1,751.0	1,400.8	350.2	
* 78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	1,239.0	991.2	247.8	
* 78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	13,325.0	10,660.0	2,665.0	
* 78009000	MODIFIED URETHANE PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	2,703.0	2,162.4	540.6	
* 78009004	MODIFIED URETHANE PAVEMENT MARKING - LINE 4"	FOOT	44,759.0	35,807.2	8,951.8	
* 78009006	MODIFIED URETHANE PAVEMENT MARKING - LINE 6"	FOOT	359.0	287.2	71.8	

SUMMARY OF QUANTITIES							
CITY OF EFFINGHAM							
2016 ITEP							
ITEM No.	ITEM	UNIT	QUANTITY	TOTAL FEDERAL COST (80% PARTICIPATING)	TOTAL LOCAL COST (20% PARTICIPATING)		
* 78009024	MODIFIED URETHANE PAVEMENT MARKING - LINE 24"	FOOT	97.0	77.6	19.4		
* 87301225	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	1,129.0	903.2	225.8		
* 87301245	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	739.0	591.2	147.8		
* 87600100	PEDESTRIAN PUSH-BUTTON POST, TYPE 1	EACH	2.0	1.6	0.4		
* 87900200	DRILL EXISTING HANDHOLE	EACH	1.0	0.8	0.2		
* 88102717	PEDESTRIAN SIGNAL HEAD, LED, 1-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER	EACH	2.0	1.6	0.4		
* 88800100	PEDESTRIAN PUSH-BUTTON	EACH	3.0	2.4	0.6		
* 89502375	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1.0	0.8	0.2		
X0350810	BOLLARD REMOVAL	EACH	1.0	0.8	0.2		
X2500900	SEEDING, CLASS 1 (SPECIAL)	ACRE	0.5	0.4	0.1		
X6026108	INLET TO BE RECONSTRUCTED WITH NEW FRAME AND GRATE, SPECIAL	EACH	1.0	0.8	0.2		
X6028000	MANHOLES TO BE RECONSTRUCTED (SPECIAL)	EACH	1.0	0.8	0.2		
X6030205	FRAMES AND GRATES TO BE ADJUSTED (SPECIAL)	EACH	1.0	0.8	0.2		
X6040171	GRATES, (SPECIAL)	EACH	5.0	4.0	1.0		
X7010216	TRAFFIC CONTROL AND PROTECTION (SPECIAL)	L SUM	1.0	0.8	0.2		
* X8140115	HANDHOLE TO BE ADJUSTED	EACH	1.0	0.8	0.2		
* X8570010	CONTROLLER, TRAFFIC SIGNAL	EACH	1.0	0.8	0.2		
XX001683	INFORMATION KIOSK	EACH	7.0	5.6	1.4		
XX009142	PAVEMENT MARKING REMOVAL (SPECIAL)	SQ FT	1,222.0	977.6	244.4		

* DENOTES SPECIALTY ITEM

	MILANO & GRUNLOH ENGINEERS, LLC 114 W. WASHINGTON AVE. PO BOX 887 EFFINGHAM, IL 62401 Phone: (217) 347-7282 (800) 677-2714 Email: mgsengineers@mgsengineers.com Web: www.mgsengineers.com Design Firm #104-003108	SUMMARY OF QUANTITIES BIKE PATH - PAVEMENT MARKING AND SIGNAGE PROJECT SECTION 16-00141-00-BT CITY OF EFFINGHAM, ILLINOIS EFFINGHAM COUNTY, ILLINOIS
	File name: S:\2016\16009\dwg\Title Sheet.dwg Plot date: 7/6/2021 13:37	



- LEGEND**
- STORM SEWER MANHOLE (EXISTING)
 - STORM SEWER INLET (EXISTING)
 - EXISTING SIGN (COORDINATE RELOCATION WITH SW/GRADING)
 - ▨ SIDEWALK REMOVAL

- LEGEND**
- STORM SEWER MANHOLE (EXISTING)
 - STORM SEWER INLET (EXISTING)
 - STORM SEWER (EXISTING)
 - SANITARY OR STORM SEWER MANHOLE (PROPOSED)
 - SIGN AND ASSEMBLY TO BE RELOCATED ("SIGN NUMBER" CORRESPONDS TO REMOVAL PLAN NUMBER)
 - x 100.00 ELEVATION (EXISTING)
 - x 100.00 (M.E.G.) ELEVATION (EXISTING - MATCH EXISTING GRADE)
 - x 100.00 ELEVATION (PROPOSED)
 - x 100.00(SW) ELEVATION (PROPOSED SIDEWALK)
 - - - 100.00 MAJOR CONTOUR (EXISTING)
 - - - 100.00 MINOR CONTOUR (EXISTING)
 - IP INLET PROTECTION
 - PP PIPE PROTECTION
 - SF SILT FENCE
 - DC DITCH CHECK

NOTE: ALL RADII TO BE 5' UNLESS OTHERWISE STATED

REMOVAL PLAN

SITE/GRADING PLAN

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 Web: www.mgengineers.com
 Design Firm #184-003108

CALICO TRAILHEAD PARKING AREA SITE PLAN
 SECTION 16-00141-00-BT
 CITY OF EFFINGHAM, ILLINOIS

File name: S:\2016\16006\dwg\Site.dwg
 Plot date: 7/6/2021 13:35

Trailhead (Site)							
Removals							
	SIDEWALK REMOVAL	COMBINATION CURB AND GUTTER REMOVAL	BOLLARD REMOVAL	INLET TO BE RECONSTRUCTED WITH NEW FRAME AND GRATE, SPECIAL	MANHOLES TO BE RECONSTRUCTED (SPECIAL)	FRAMES AND GRATES TO BE ADJUSTED (SPECIAL)	INLETS TO BE ADJUSTED WITH NEW TYPE 24 FRAME AND GRATE
LOCATION	44000600	44000600	X0350810	X6026108	X6028000	X6030205	60261540
	SQ FT	FOOT	EACH	EACH	EACH	EACH	EACH
Lt, Sta. 416+33.19 - 420+01.82	5,341.0						
Lt, Sta. 418+98.56					1.0		
Lt, Sta. 419+18.59 - 419+82.64		64.0					
Lt, Sta. 419+29.35							1.0
Lt, Sta. 419+30.88						1.0	
Lt, Sta. 419+72.71			1.0				
Lt, Sta. 419+98.50				1.0			
Total	5,341.0	64.0	1.0	1.0	1.0	1.0	1.0
USE	5,341.0	64.0	1.0	1.0	1.0	1.0	1.0

Trailhead (Site)							
Sign Schedule							
EXISTING LOCATION	PROPOSED LOCATION		SIGN PANEL TYPE 1	REMOVE SIGN PANEL ASSEMBLY - TYPE A	RELOCATE SIGN PANEL ASSEMBLY - TYPE A	TELESCOPING STEEL SIGN SUPPORT	
			72000100	72400100	72400500	72800100	
			SQ FT	EACH	EACH	FOOT	
101' Lt, Sta. 417+27.33	163' Lt, Sta. 417+42.11	"10 MPH" W/ LEFT ARROW				1	
	144' Lt, Sta. 418+60.55	"RESERVED PARKING"					
114' Lt, Sta. 419+07.55	143' Lt, Sta. 419+29.36	"HILL DIAGRAM" & "5% GRADE/10MPH"				2.0	
118' Lt, Sta. 419+23.00	163' Lt, Sta. 417+42.11	"NO MOTOR VEHICLE"				1.0	
119' Lt, Sta. 419+34.98	140' Lt, Sta. 419+34.7	"BIKE PARKING"				1.0	
22' Lt, Sta. 419+39.16	23' Lt, Sta. 419+32.16	"STOP" R1-1	6.25	1.0			15.0
20' Lt, Sta. 419+58.40	24' Lt, Sta. 419+75.49	"COMBINATION BIKE & PED CROSSING" W11-15, W11-15P	9.25	1.0			16.0
133' Lt, Sta. 419+75.01	143' Lt, Sta. 418+88.58	"NO MOTOR VEHICLE"				1.0	
		Total	15.5	2.0	6.0	31.0	

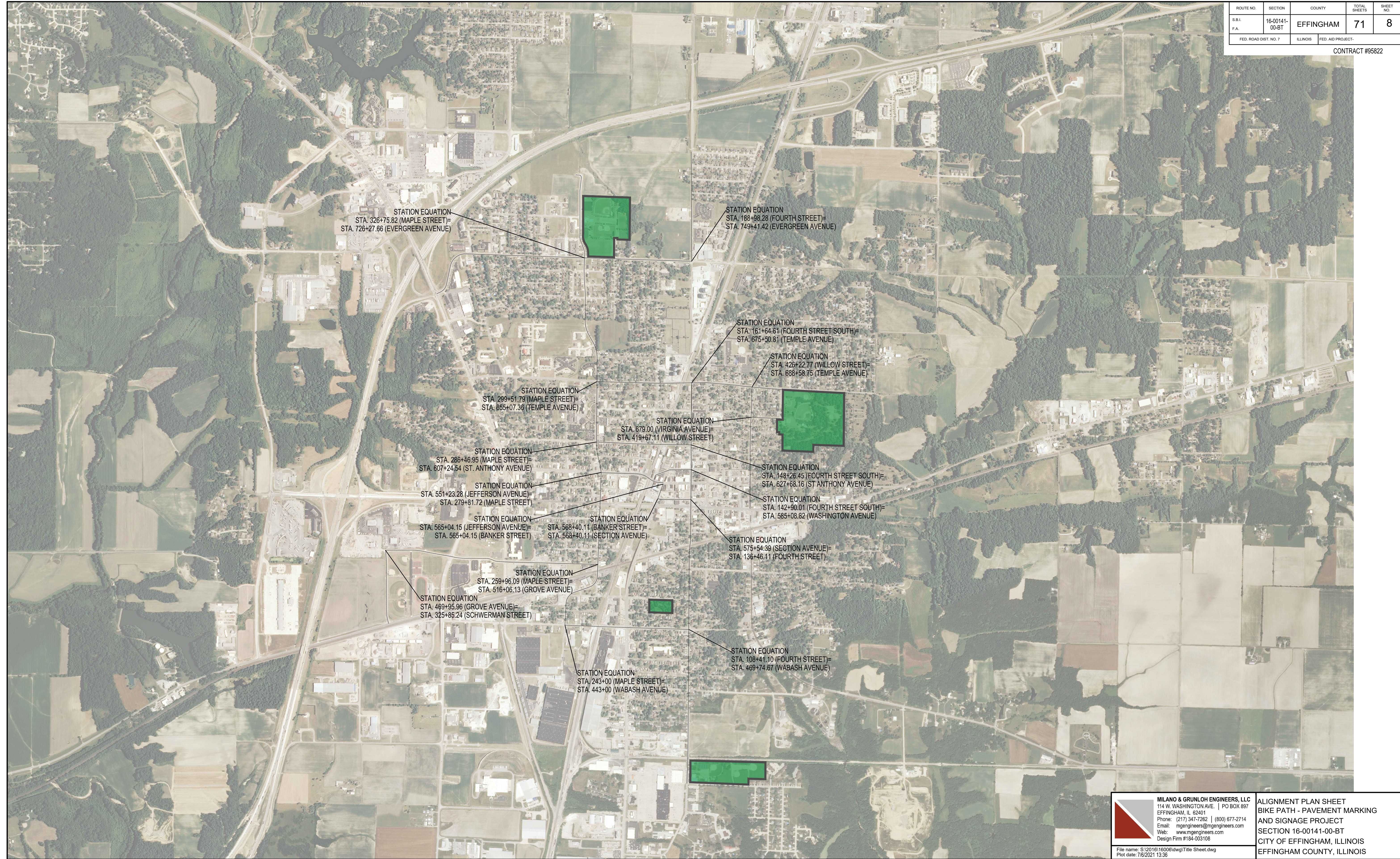
CONTRACT #95822

Trailhead (Site)										
Sidewalk/Grading										
LOCATION	PORTLAND CEMENT CONCRETE SIDEWALK 6 INCH	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8 INCH	WELDED WIRE REINFORCEMENT	MODIFIED URETHANE PAVEMENT MARKING - LINE 4"	MODIFIED URETHANE PAVEMENT MARKING - LETTERS AND SYMBOLS	AGGREGATE BASE COURSE, TYPE A 4"	EARTH EXCAVATION	FURNISHED EXCAVATION	TOPSOIL FURNISH AND PLACE, 4"
	42400300	60605000	42300400	44200050	78009004	78009000	35100300	20200100	20400100	21101615
	SQ FT	FOOT	SQ YD	SQ YD	FOOT	SQ FT	TON	CU YD	CU YD	SQ YD
Lt, Sta. 416+33.19 - 420+01.82	4,177.0							774.7	6,114.7	2,492.7
Lt, Sta. 417+19.31 - 419+39.98		355.8								
Lt, Sta. 417+20.06 - 418+65.45		163.7								
Lt, Sta. 417+52.32 - 419+82.64			1,458.0	1,458.0			400.3			
Lt, Sta. 417+71.83 - 418+77.23					265.7					
Lt, Sta. 418+60.85						5.2				
Lt, Sta. 418+73.34 - 419+83.00		213.5								
Lt, Sta. 419+18.59 - 419+82.64		64.0								
Lt, Sta. 419+29.35										
Total	4,177.0	797.0	1,458.0	1,458.0	265.7	5.2	400.3	774.7	6,114.7	2,492.7
USE	4,177.0	797.0	1,458.0	1,458.0	266.0	5.0	400.0	775.0	6,115.0	2,493.0

Trailhead (Site)				
Erosion Control				
LOCATION	PERIMETER EROSION BARRIER	INLET AND PIPE PROTECTION	INLET FILTERS	TEMPORARY DITCH CHECKS
	28000400	28000500	28000510	28000511
	FOOT	EACH	EACH	FOOT
Lt, Sta. 416+33.19 - 419+93.11	416.0			
Lt, Sta. 416+51.91				8.0
Lt, Sta. 416+76.30				8.0
Lt, Sta. 417+02.31				8.0
Lt, Sta. 417+16.56				8.0
Lt, Sta. 418+98.78		1.0	1.0	
Lt, Sta. 419+30.61		1.0	1.0	
Lt, Sta. 419+29.20		1.0	1.0	
Sub Total	416.0	3.0	3.0	32.0

	MILANO & GRUNLOH ENGINEERS, LLC 114 W. WASHINGTON AVE. PO BOX 897 EFFINGHAM, IL 62401 Phone: (217) 347-7262 (800) 677-2714 Email: mgengineers@mgengineers.com Web: www.mgengineers.com Design Firm #184-003108	TRAILHEAD SITE - SCHEDULE BIKE PATH - PAVEMENT MARKING AND SIGNAGE PROJECT SECTION 16-00141-00-BT CITY OF EFFINGHAM, ILLINOIS EFFINGHAM COUNTY, ILLINOIS
	<small>File name: S:\2016\16006\dwg\Title Sheet.dwg Plot date: 7/6/2021 13:37</small>	

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
S.B.I. F.A.	16-00141-00-BT	EFFINGHAM	71	8
FED. ROAD DIST. NO. 7	ILLINOIS FED. AID PROJECT:		CONTRACT #95822	



STATION EQUATION
STA. 326+75.82 (MAPLE STREET)=
STA. 726+27.66 (EVERGREEN AVENUE)

STATION EQUATION
STA. 188+98.28 (FOURTH STREET)=
STA. 749+41.42 (EVERGREEN AVENUE)

STATION EQUATION
STA. 299+51.79 (MAPLE STREET)=
STA. 655+07.36 (TEMPLE AVENUE)

STATION EQUATION
STA. 161+64.61 (FOURTH STREET SOUTH)=
STA. 675+50.81 (TEMPLE AVENUE)

STATION EQUATION
STA. 426+22.77 (WILLOW STREET)=
STA. 888+58.75 (TEMPLE AVENUE)

STATION EQUATION
STA. 679.00 (VIRGINIA AVENUE)=
STA. 419+67.11 (WILLOW STREET)

STATION EQUATION
STA. 286+46.95 (MAPLE STREET)=
STA. 607+24.54 (ST. ANTHONY AVENUE)

STATION EQUATION
STA. 148+26.45 (FOURTH STREET SOUTH)=
STA. 627+68.16 (ST ANTHONY AVENUE)

STATION EQUATION
STA. 551+23.28 (JEFFERSON AVENUE)=
STA. 279+81.72 (MAPLE STREET)

STATION EQUATION
STA. 142+90.01 (FOURTH STREET SOUTH)=
STA. 585+08.82 (WASHINGTON AVENUE)

STATION EQUATION
STA. 565+04.15 (JEFFERSON AVENUE)=
STA. 565+04.15 (BANKER STREET)

STATION EQUATION
STA. 568+40.11 (BANKER STREET)=
STA. 568+40.11 (SECTION AVENUE)

STATION EQUATION
STA. 575+54.39 (SECTION AVENUE)=
STA. 136+46.11 (FOURTH STREET)

STATION EQUATION
STA. 259+96.09 (MAPLE STREET)=
STA. 516+06.13 (GROVE AVENUE)

STATION EQUATION
STA. 489+95.96 (GROVE AVENUE)=
STA. 325+85.24 (SCHWERMAN STREET)

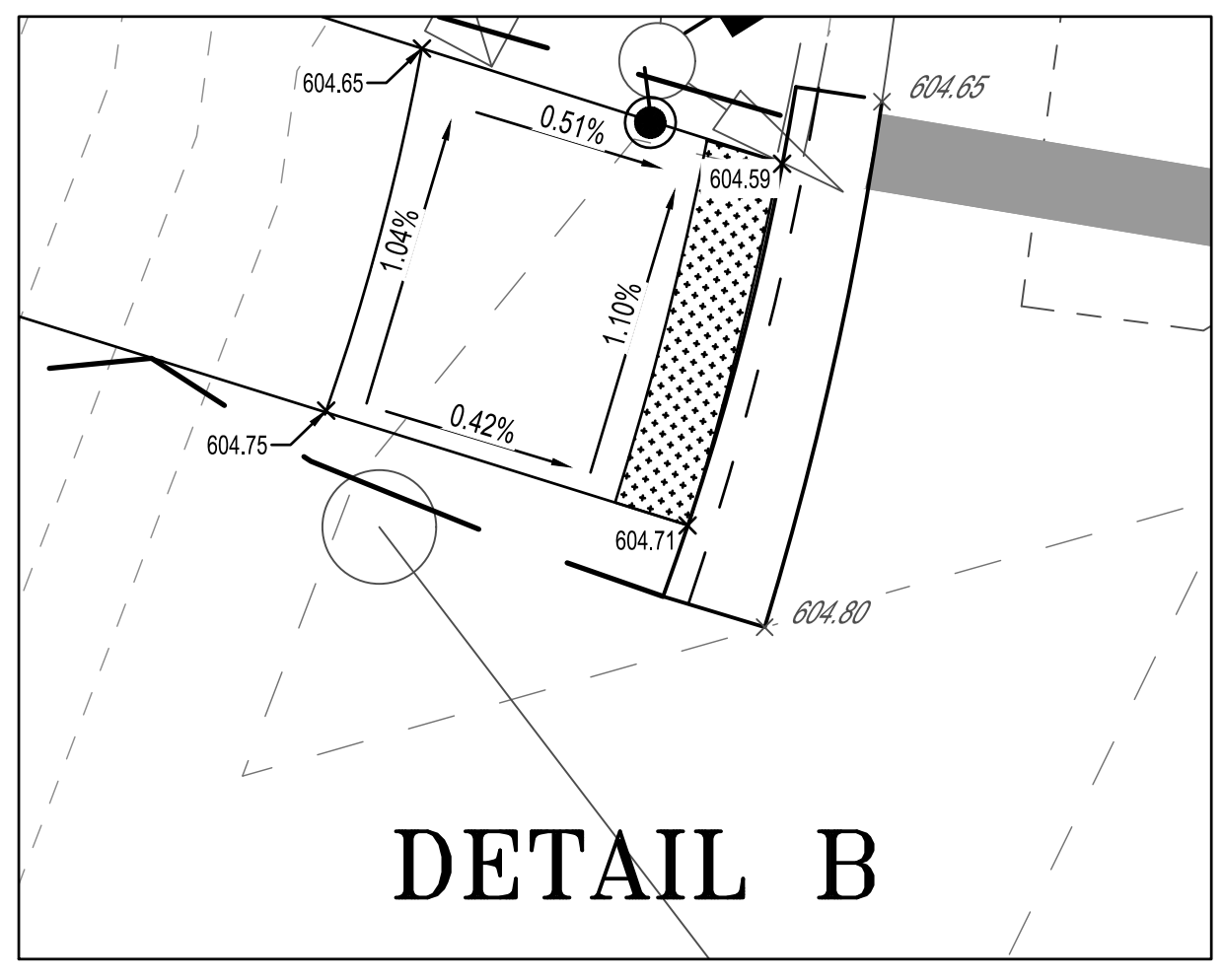
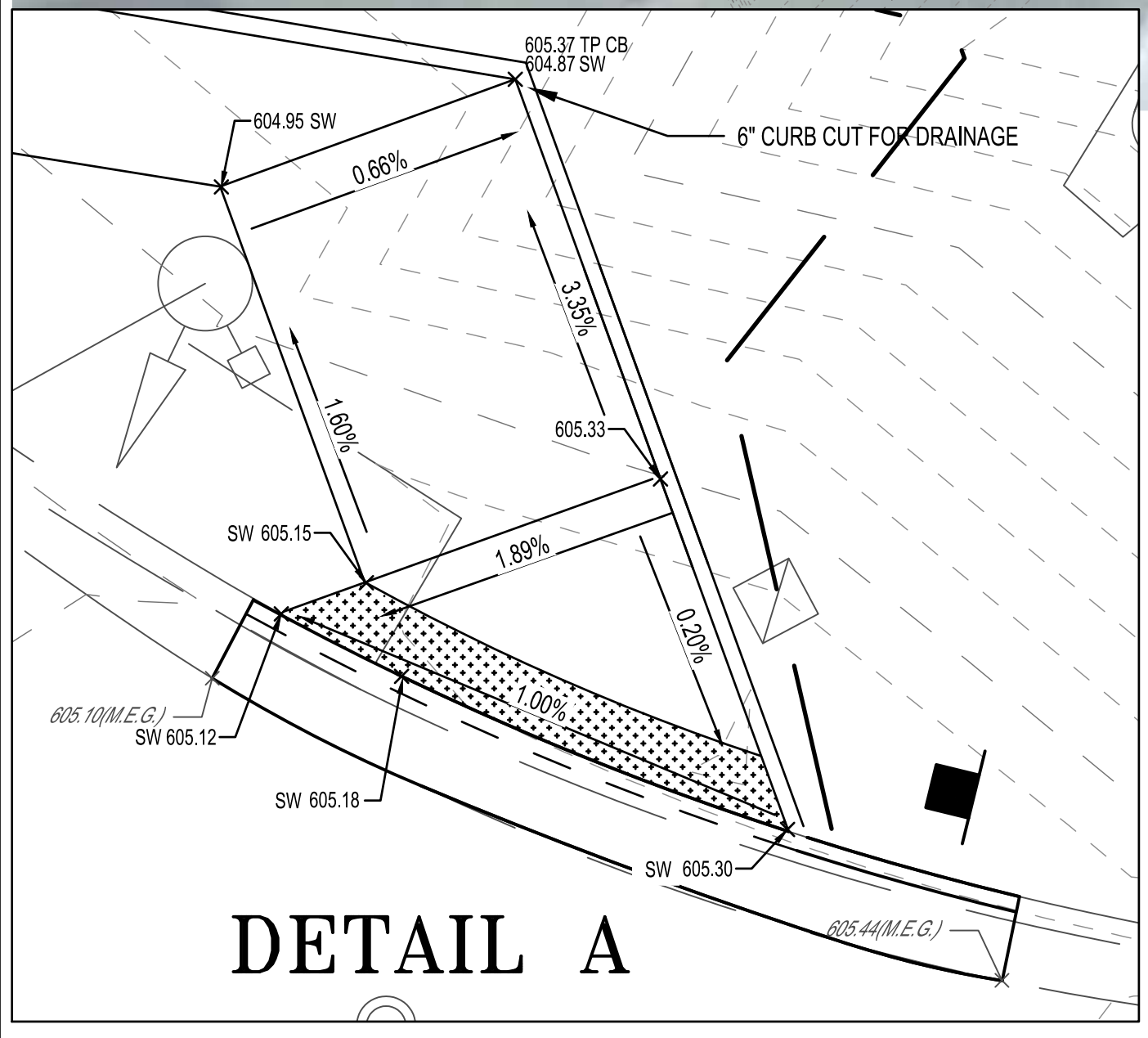
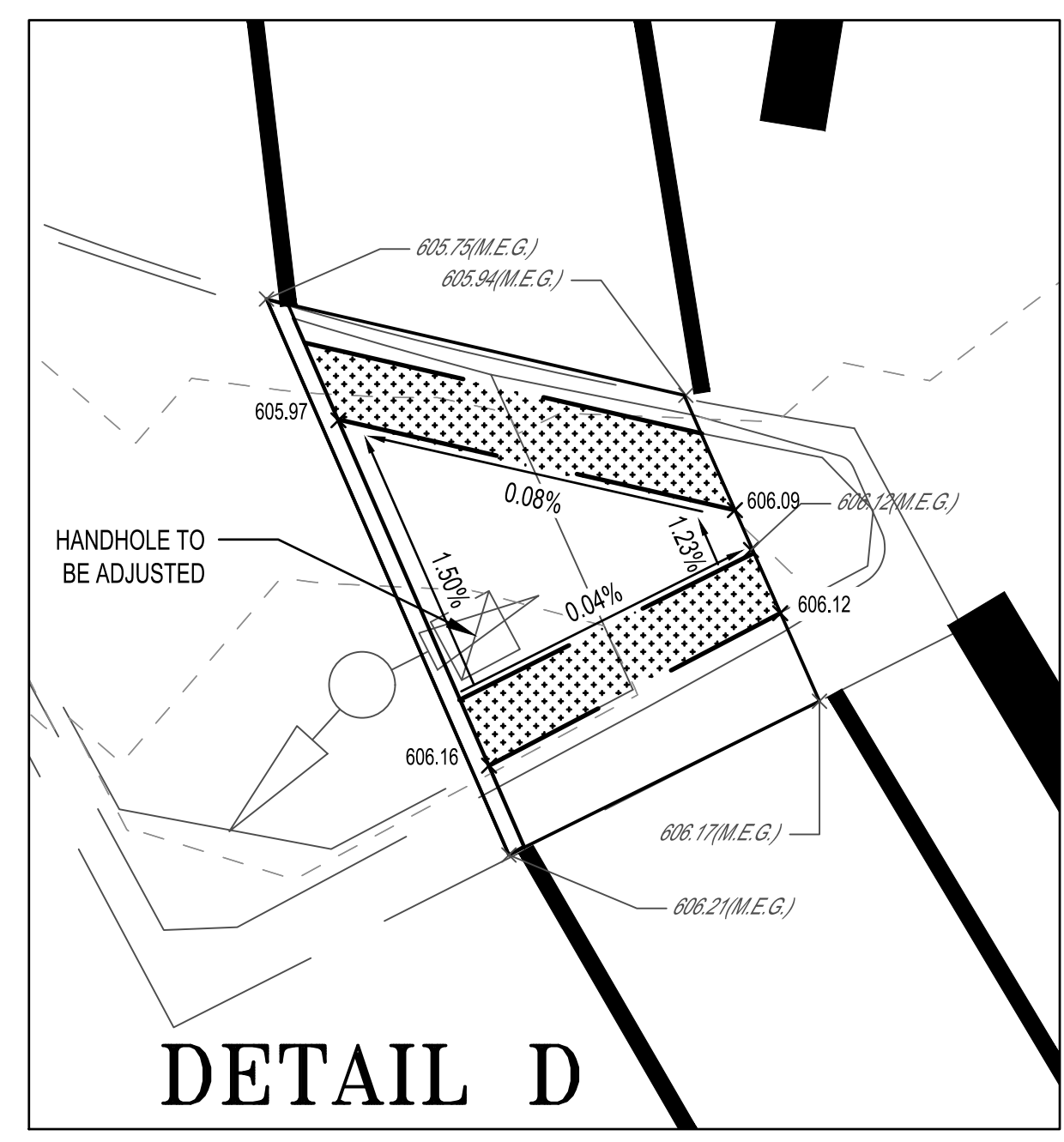
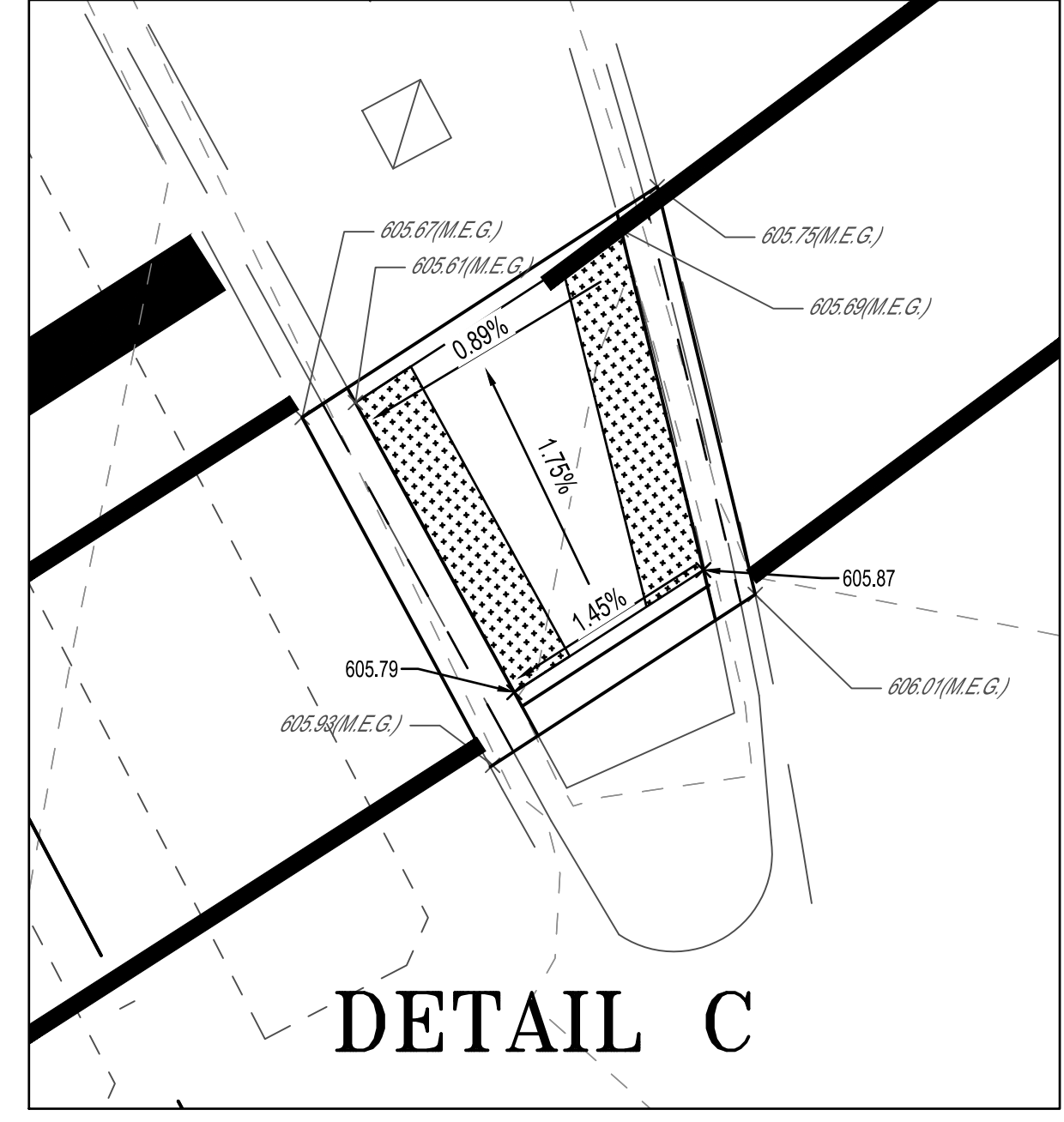
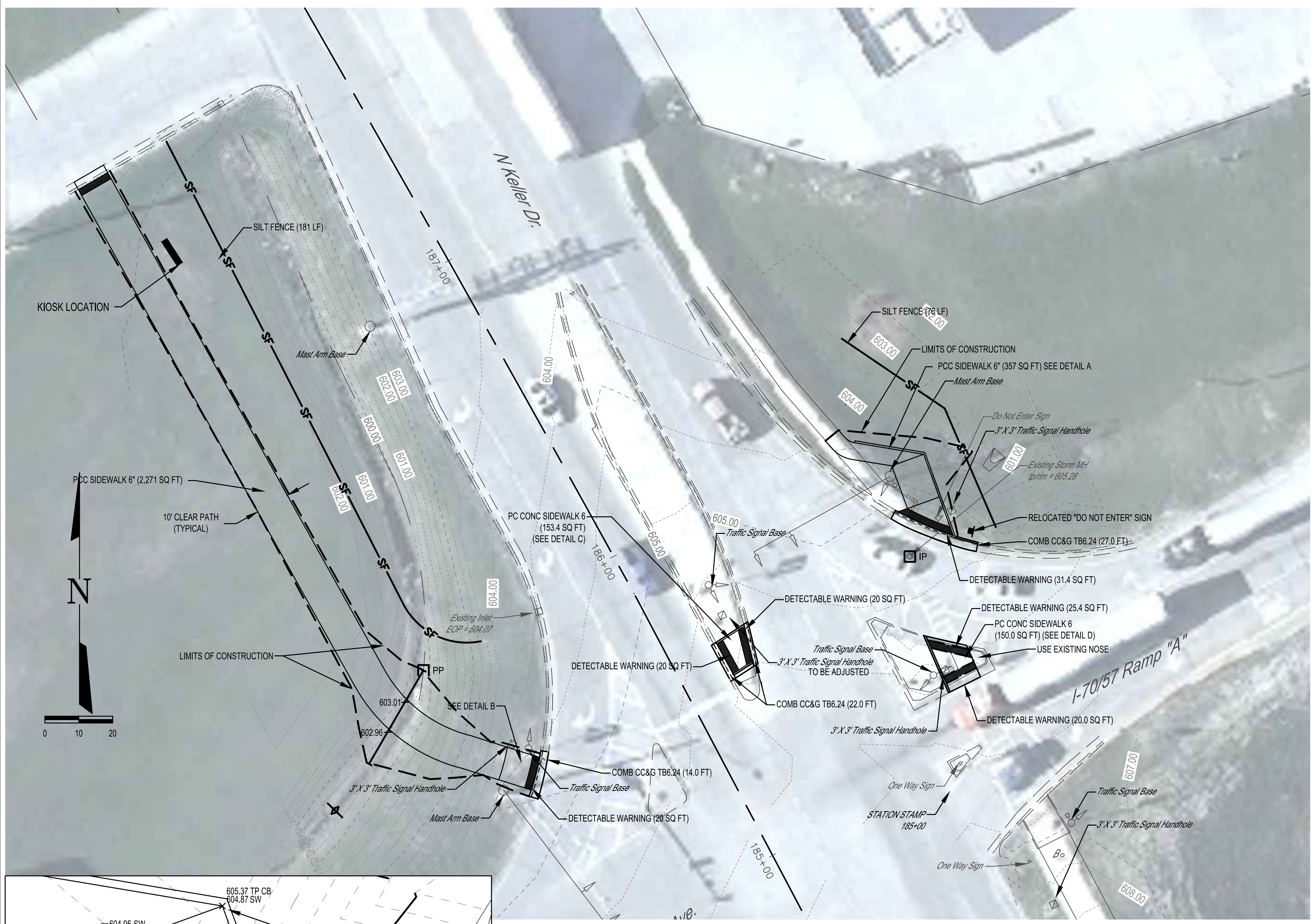
STATION EQUATION
STA. 108+41.10 (FOURTH STREET)=
STA. 469+74.67 (WABASH AVENUE)

STATION EQUATION
STA. 243+00 (MAPLE STREET)=
STA. 443+00 (WABASH AVENUE)

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Web: www.mgengineers.com
Design Firm #184-003108

ALIGNMENT PLAN SHEET
BIKE PATH - PAVEMENT MARKING
AND SIGNAGE PROJECT
SECTION 16-00141-00-BT
CITY OF EFFINGHAM, ILLINOIS
EFFINGHAM COUNTY, ILLINOIS

File name: S:\2016\16006\dwg\Title Sheet.dwg
Plot date: 7/6/2021 13:36



- TRAFFIC SIGNAL PLAN LEGEND**
- ↑ TRAFFIC SIGNAL HEAD (EXISTING)
 - PEDESTRIAN SIGNAL HEAD (EXISTING)
 - STEEL MAST ARM ASSEMBLY AND POLE (EXISTING)
 - SIGNAL POST (EXISTING)
 - HANDHOLE (EXISTING)
 - IP INLET PROTECTION
 - PP PIPE PROTECTION
 - SF SILT FENCE
 - x 100.00 ELEVATION (EXISTING)
 - x 100.00(M.E.G.) ELEVATION (EXISTING) (MATCH EXISTING GRADE)
 - x 100.00(SW) ELEVATION (PROPOSED)
 - - - 100.00 MAJOR CONTOUR (EXISTING)
 - - - 100.00 MINOR CONTOUR (EXISTING)
 - DITCH CHECK

NOTE: ALL SIDEWALK CROSS SLOPES TO BE LESS THAN 2%

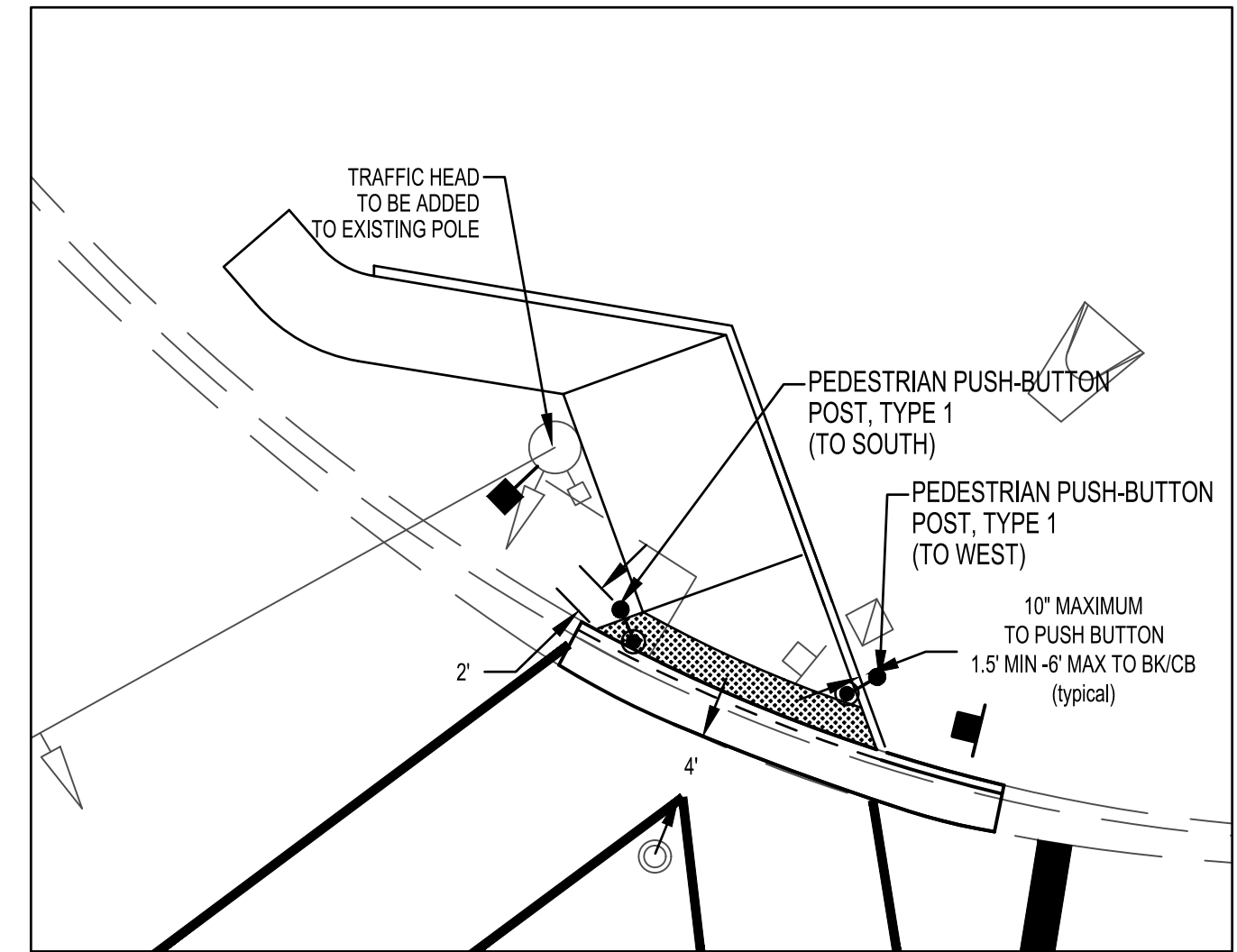
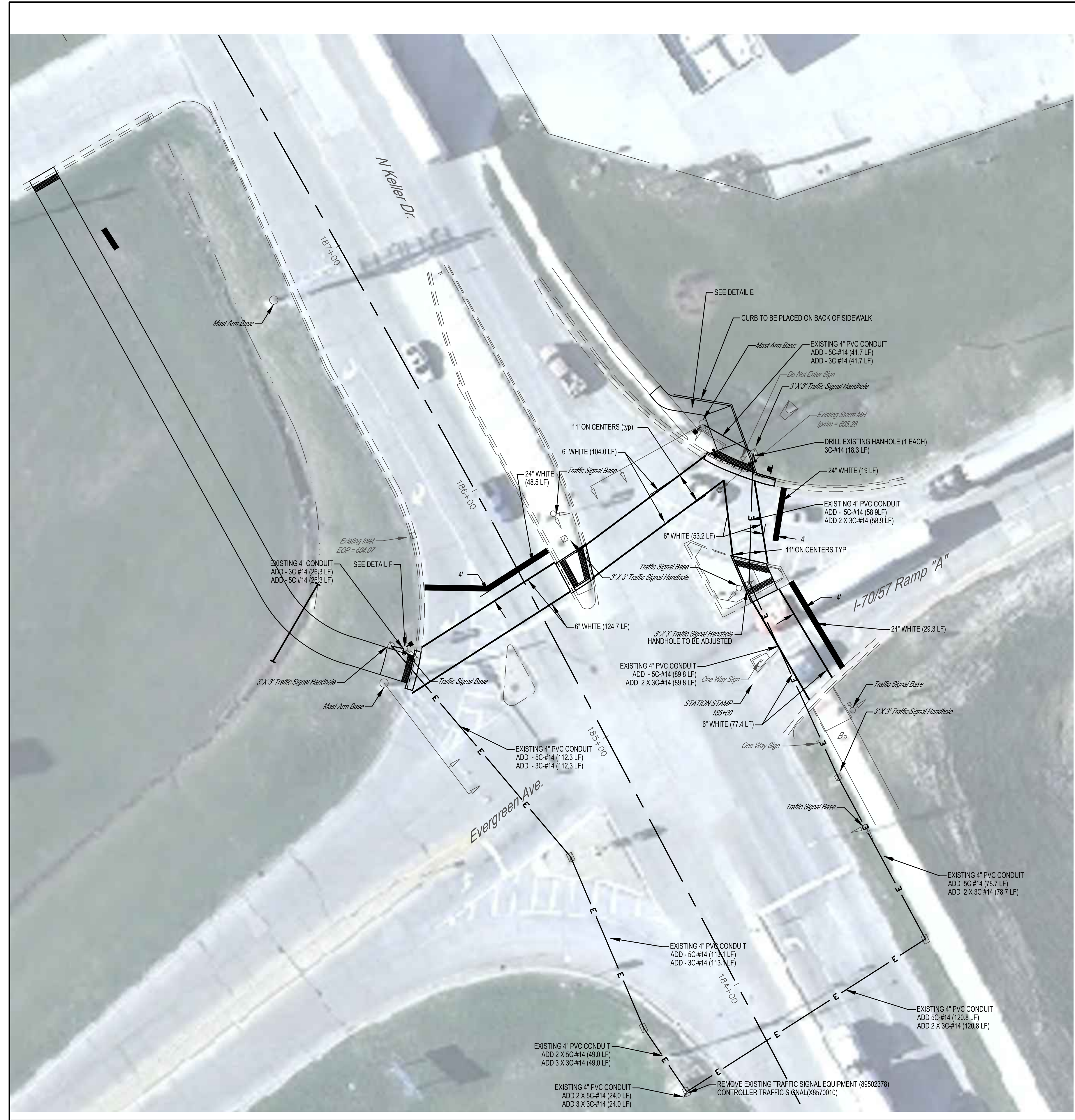
MILANO & GRUNLOH ENGINEERS, LLC
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 Design Firm #184-003108

**KELLER DRIVE AND EVERGREEN
 SIDEWALK PLANS
 SECTION 16-00141-00-BT
 CITY OF EFFINGHAM, ILLINOIS
 XXX
 XXX**

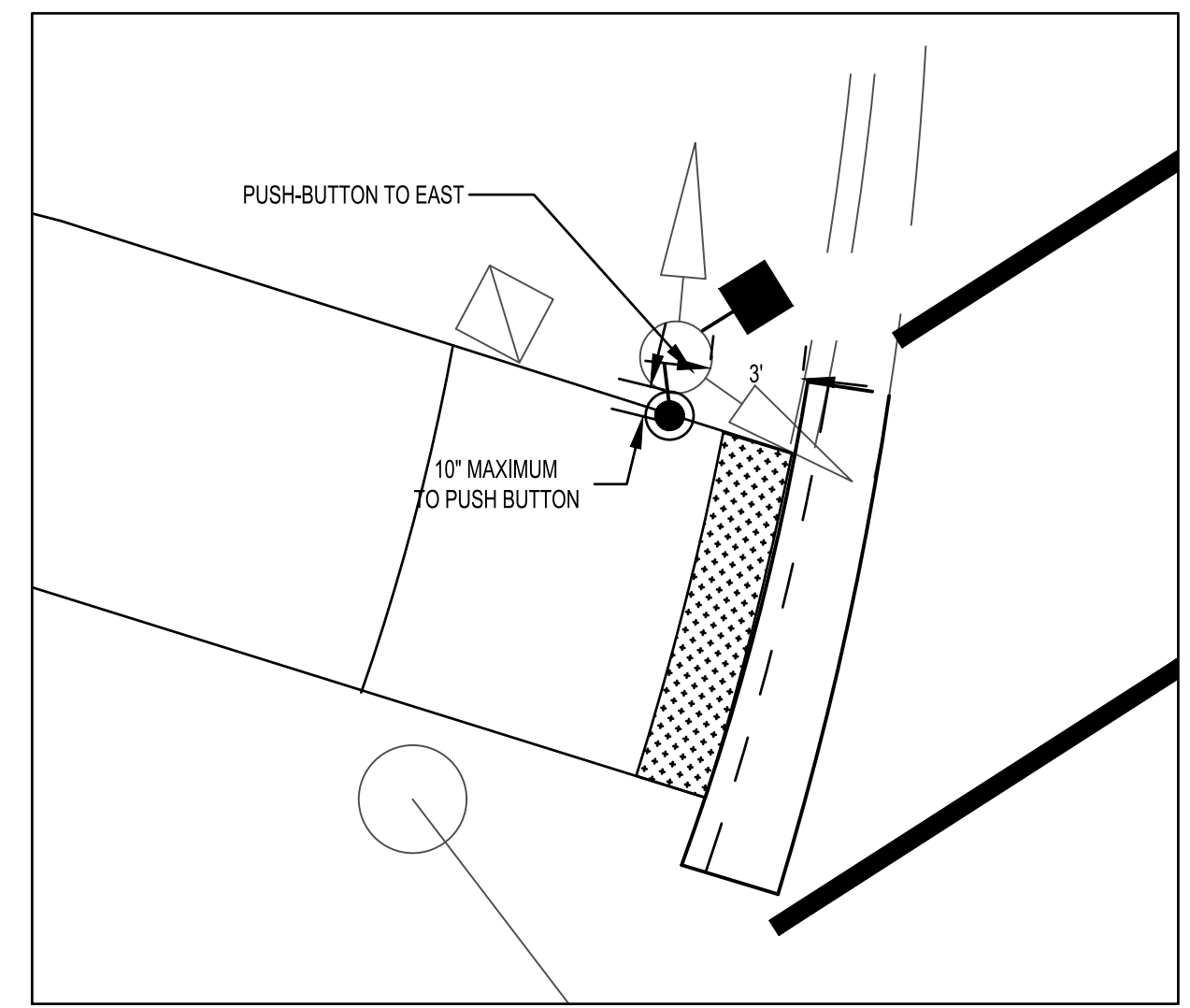
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ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
S.B.I. F.A.	16-00141-00-BT	EFFINGHAM	71	11
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT:		

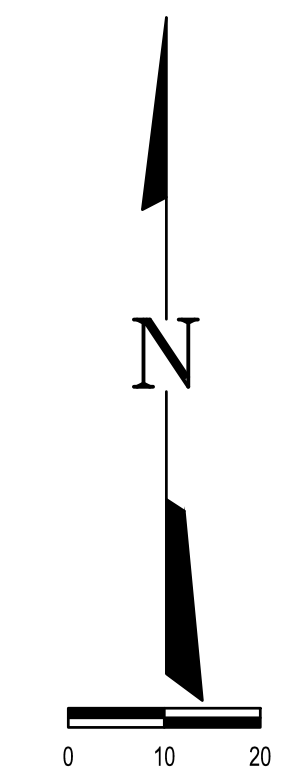
CONTRACT #95822



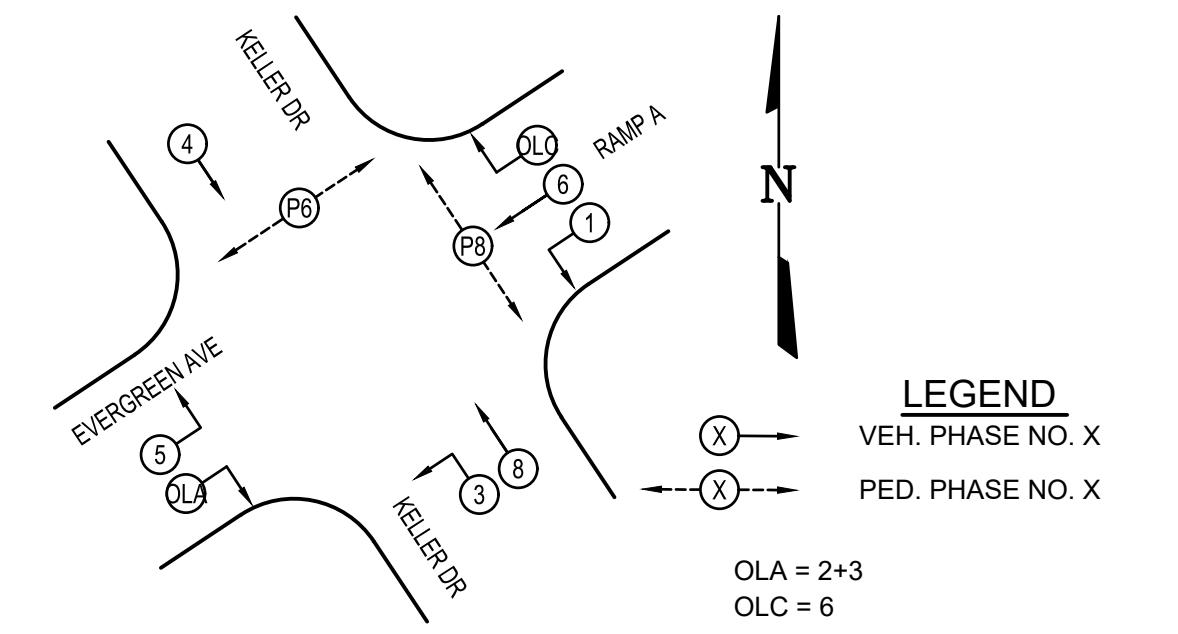
DETAIL E



DETAIL F



- TRAFFIC SIGNAL PLAN LEGEND**
- ◁ TRAFFIC SIGNAL HEAD (EXISTING)
 - PEDESTRIAN SIGNAL HEAD (EXISTING)
 - STEEL MAST ARM ASSEMBLY AND POLE (EXISTING)
 - SIGNAL POST (EXISTING)
 - HANDHOLE (EXISTING)
 - PEDESTRIAN SIGNAL HEAD w/ COUNTDOWN TIMER (PROPOSED)
 - PEDESTRIAN PUSH BUTTON (PROPOSED)



PHASE DESIGNATION DIAGRAM

<p>MILANO & GRUNLOH ENGINEERS, LLC 114 W. WASHINGTON AVE. PO BOX 897 EFFINGHAM, IL 62401 Phone: (217) 347-7262 (800) 677-2714 Email: mgen@mgengineers.com Web: www.mgengineers.com Design Firm #184-003108</p>	<p>KELLER DRIVE AND EVERGREEN SIDEWALK PLANS SECTION 16-00141-00-BT CITY OF EFFINGHAM, ILLINOIS XXX XXX</p>
	<p>File name: S:\2016\16006\dwg\keller.dwg Plot date: 7/6/2021 13:35</p>

Keller Drive & Evergreen				
Sidewalk & Grading Plans				
	DETECTABLE WARNING	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24	PORTLAND CEMENT CONCRETE SIDEWALK 6 INCH	PIPE CULVERTS, CLASS A, TYPE 1 15"
	42400800	60605000	42400300	542A0220
LOCATION	SQ FT	FOOT	SQ FT	FOOT
Rt, Sta. 185+9.3	24.0			
Rt, Sta. 185+35.7 to Sta. 185+25.6	31.4			
Lt & Rt, Sta. 185+52.41 - 185+63.44	80.0	22.0	90.0	
Rt, Sta. 185+18.13 - 185+32.07			150.0	
Rt, Sta. 185+51.31 - 185+71.17		27.0		
Rt, Sta. 185+58.68 - 185+70.91	26.7			
Rt, Sta. 185+58.68 - 186+13.65			356.2	
Lt, Sta. 185+47.38 - 185+59.83		14.0		
Lt, Sta. 185+47.33 - 185+59.31				32.0
Rt, Sta. 185+78.28 - 185+95.41			2,278.8	
Sub Total	162.1	63.0	2,875.0	32.0
USE	162.0	63.0	2,875.0	32.0

Keller Drive & Evergreen						
Removals						
	SIDEWALK REMOVAL	COMBINATION CURB AND GUTTER REMOVAL	PAVEMENT REMOVAL	PAVEMENT MARKING REMOVAL (SPECIAL)	RELOCATE SIGN PANEL ASSEMBLY - TYPE A	HANHOLE TO BE ADJUSTED
	44000600	44000600	44000100	XX009142	72400500	X8140115
LOCATION	SQ FT	FOOT	SQ YD	SQ FT	EACH	EACH
Rt, Sta. 185+51.31 - 185+71.17		27.0				
Lt, Sta. 185+47.38 - 185+59.83		14.0				
Lt & Rt, Sta. 185+52.41 - 185+63.44		22.0	10.0			
Rt, Sta. 185+69.71 - 186+01.11	163.3					
Rt, Sta. 185+17.97 - 185+32.30			16.7			1.0
Rt, Sta. 184+77.80 - 185+73.91				244.3		
Rt, Sta. 184+82.88 - 185+18.01				70.4		
Rt, Sta. 185+34.90 - 185+49.92				35.2		
Lt, Sta. 185+46.56 - 186+01.15				32.5		
Lt & Rt, Sta. 185+48.3 - 185+57.94				85.8		
Lt & Rt, Sta. 185+61.36						
Rt, Sta. 185+65.17					1.0	
Sub Total	163.3	63.0	26.7	468.2	1.0	1.0
USE	163.0	63.0	27.0	468.0	1.0	1.0

Keller Drive & Evergreen									
Traffic Plans/Electrical									
	HANDHOLE TO BE ADJUSTED	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	PEDESTRIAN SIGNAL HEAD, LED, 1-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER	PEDESTRIAN PUSH BUTTON	PEDESTRIAN PUSH-BUTTON POST, TYPE 1	DRILL EXISTING HANDHOLE	CONTROLLER, TRAFFIC SIGNAL	REMOVE EXISTING TRAFFIC SIGNAL
	X8140115	87301225	87301245	88102717	88800100	87600100	66900200	X8570010	89502375
LOCATION	EACH	FOOT	FOOT	EACH	EACH	EACH	EACH	EACH	EACH
Lt, Sta. 183+73.14 - 183+74.35		72.00	48.0					1.0	1.0
Lt & Rt, Sta. 183+74.35 - 183+82.77		241.6	120.8						
Lt, Sta. 183+74.35 - 184+01.71		113.1	113.1						
Lt, Sta. 184+01.71 - 184+67.95		49.0	49.0						
Rt, Sta. 183+82.77 - 184+48.57		157.4	78.7						
Rt, Sta. 184+48.57 - 185+24.11		179.6	89.8						
Lt, Sta. 184+67.95 - 185+64.92		112.3	112.3						
Rt, Sta. 185+64.92 - 185+61.28		18.3					1.0		
Rt, Sta. 185+61.28 - 185+82.51		41.7	41.7						
Rt, Sta. 185+24.11 - 185+82.78	1	117.8	58.9						
Rt, Sta. 185+61.28					1.0	2.0			
Rt, Sta. 185+82.78				1.0	1.0				
Lt & Rt, Sta. 185+96.81 - 186+32.73									
Lt, Sta. 185+97.11				1.0	1.0				
Lt, Sta. 185+61.73 - 185+64.92		26.3	26.3						
Sub Total		1,129.1	738.6	2.0	3.0	2.0	1.0	1.0	1.0
USE		1,129.0	739.0	2.0	3.0	2.0	1.0	1.0	1.0

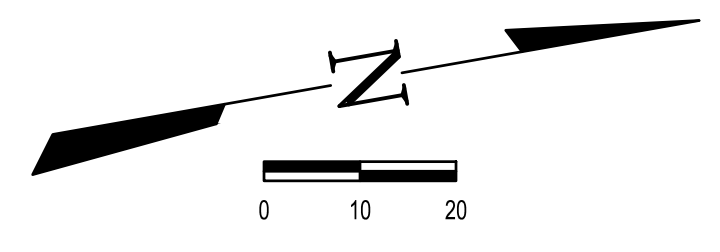
Keller Drive & Evergreen		
Traffic Plans/Striping		
	MODIFIED URETHANE PAVEMENT MARKING - 6"	MODIFIED URETHANE PAVEMENT MARKING - 24"
	780009006	78009024
LOCATION	FOOT	FOOT
Rt, Sta. 184+77.47 - 185+65.31	130.6	
Rt, Sta. 184+84.48 - 185+17.76		29.3
Rt, Sta. 185+31.09 - 185+46.50		19
Lt & Rt, Sta. 185+84.23 - 185+94.94	124.5	
Lt, Sta. 185+84.37 - 185+94.47	104.0	
Lt & Rt, Sta. 185+98.52		48.5
Sub Total	359.1	96.8
USE	359.0	97.0

Keller Drive & Evergreen				
Erosion Control				
	PERIMETER EROSION BARRIER	INLET AND PIPE PROTECTION	INLET FILTERS	TEMPORARY DITCH CHECKS
	28000400	28000500	28000510	28000511
LOCATION	FOOT	EACH	EACH	FOOT
Rt, Sta. 185+54.89 - 186+23.74	76.0			
Rt, Sta. 185+59.19		1.0	1.0	
Lt, Sta. 185+72.3				8.0
Lt, Sta. 185+96.59		1.0	1.0	
Lt, Sta. 185+95.37		1.0		
Lt, Sta. 186+19.92 - 187+71.80	181.0			
Total	257.0	3.0	2.0	8.0

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
S.B.I. F.A.	16-00141-00-BT	EFFINGHAM	71	13
FED. ROAD DIST. NO. 7	ILLINOIS		FED. AID PROJECT:	
CONTRACT #95822				



MATCH LINE STA. 695+00



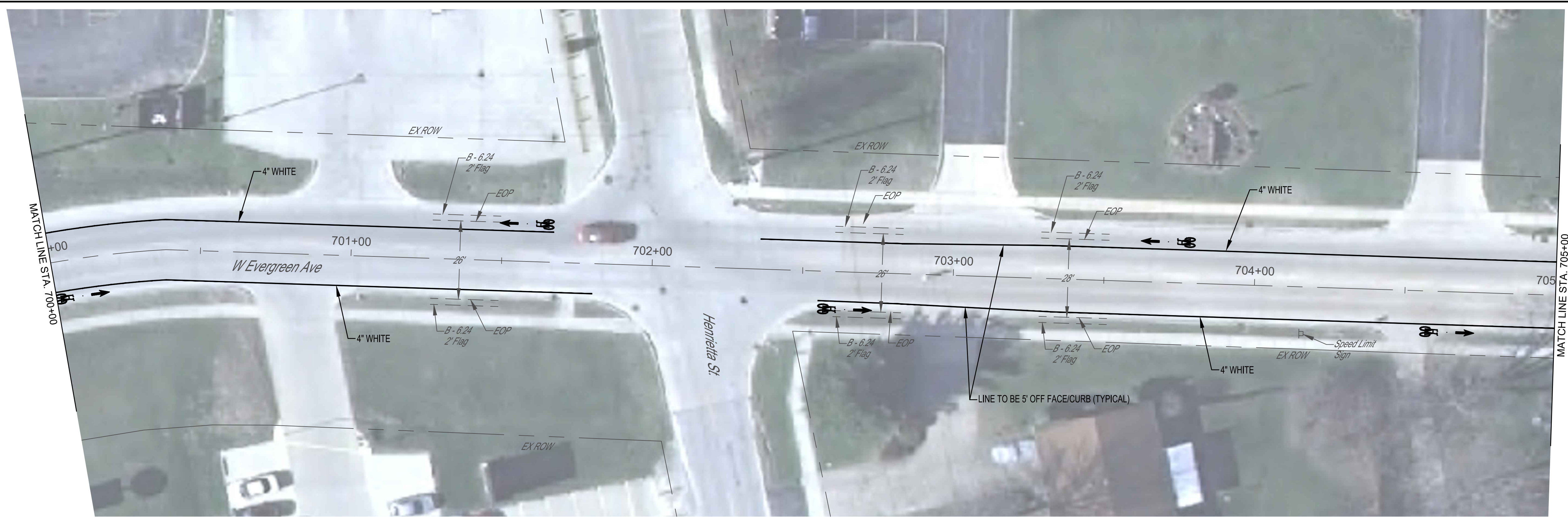
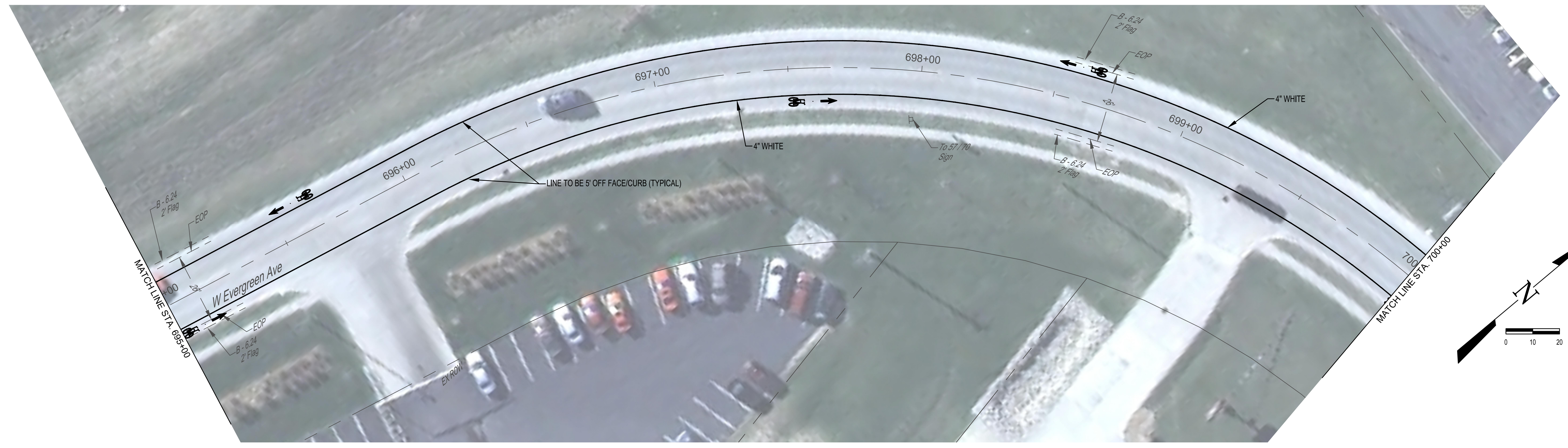
MILANO & GRUNLOH ENGINEERS, LLC
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 Web: www.mgengineers.com
 Design Firm #184-003108

**EVERGREEN AVENUE
 PAVEMENT MARKING
 AND SIGNAGE PLAN
 SECTION 16-00141-00-BT
 CITY OF EFFINGHAM, ILLINOIS**

File name: S:\2016\16006\dwg\Evergreen.dwg
 Plot date: 6/22/2021 09:13

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
S.B.I.	16-00141-00-BT	EFFINGHAM	71	14
F.A.				
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT:		

CONTRACT #95822



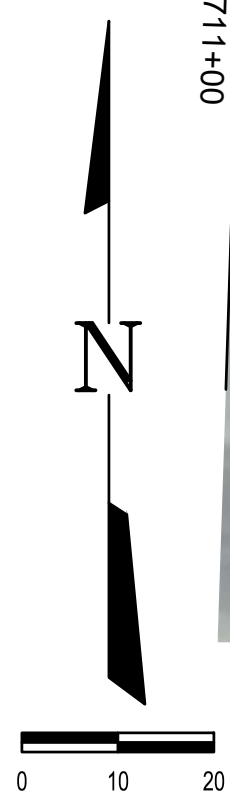
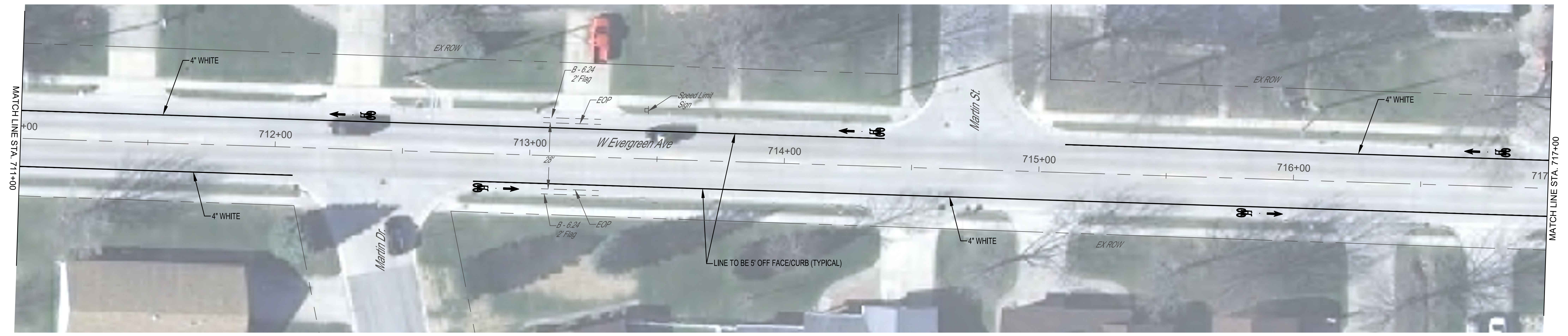
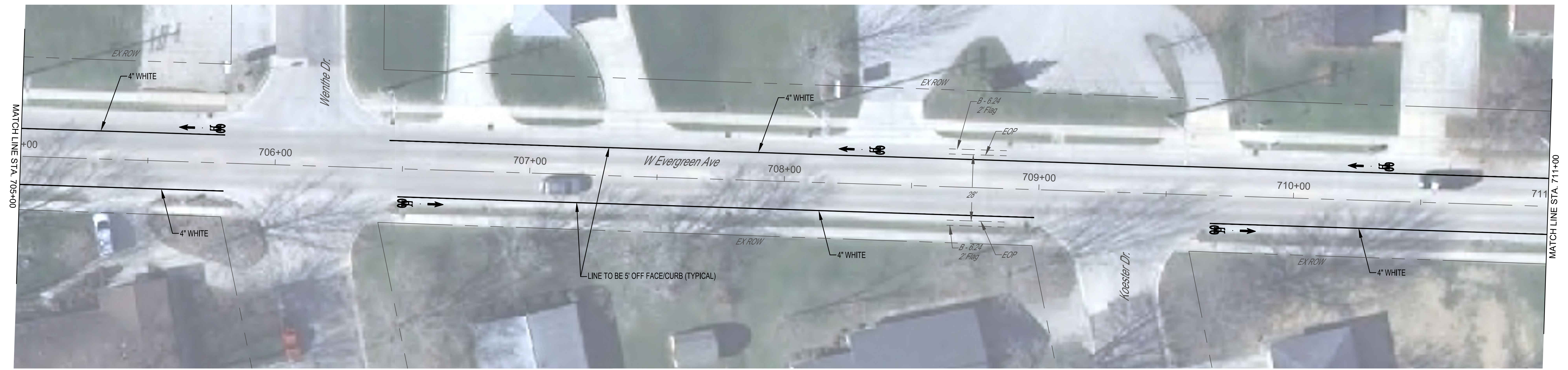
MILANO & GRUNLOH ENGINEERS, LLC
 114 W. WASHINGTON AVE. | PO BOX 897
 EFFINGHAM, IL 62401
 Phone: (217) 347-7262 | (800) 677-2714
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 Web: www.mgengineers.com
 Design Firm #184-003108

EVERGREEN AVENUE
 PAVEMENT MARKING
 AND SIGNAGE PLAN
 SECTION 16-00141-00-BT
 CITY OF EFFINGHAM, ILLINOIS

File name: S:\2016\16006\dwg\Evergreen.dwg
 Plot date: 6/22/2021 09:13

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
S.B.I. F.A.	16-00141- 00-BT	EFFINGHAM	71	15
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT-		

CONTRACT #95822



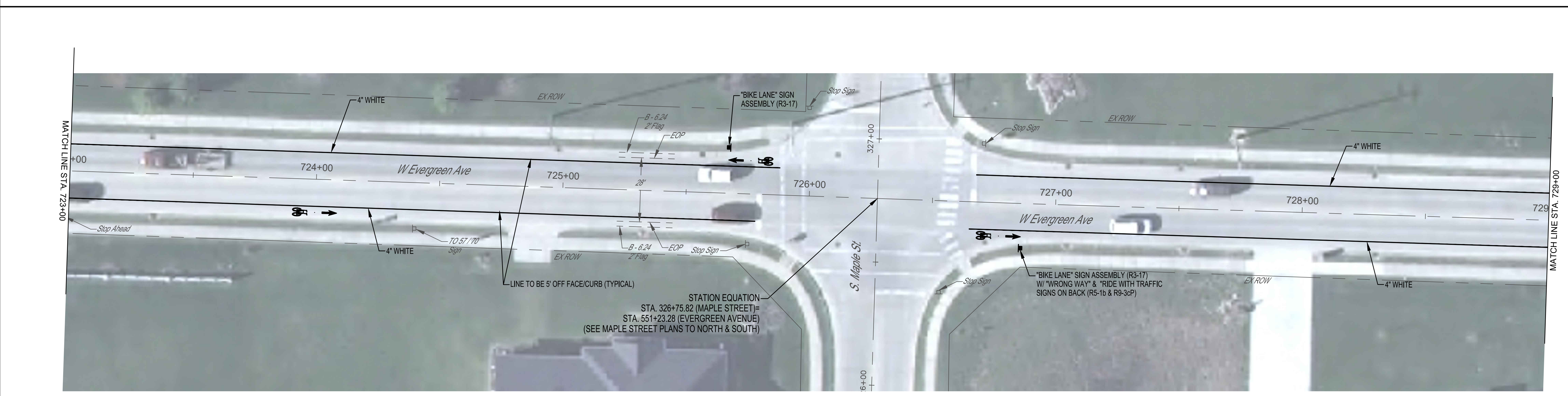
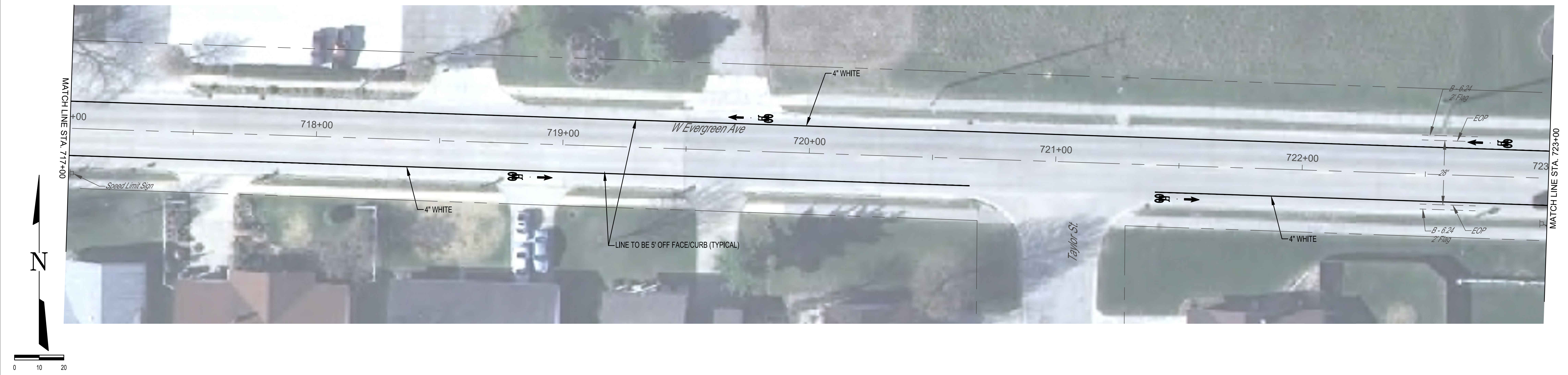
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**EVERGREEN AVENUE
 PAVEMENT MARKING
 AND SIGNAGE PLAN
 SECTION 16-00141-00-BT
 CITY OF EFFINGHAM, ILLINOIS**

File name: S:\2016\16006\dwg\Evergreen.dwg
 Plot date: 6/22/2021 09:13

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
S.B.I. F.A.	16-00141-00-BT	EFFINGHAM	71	16
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT-		

CONTRACT #95822

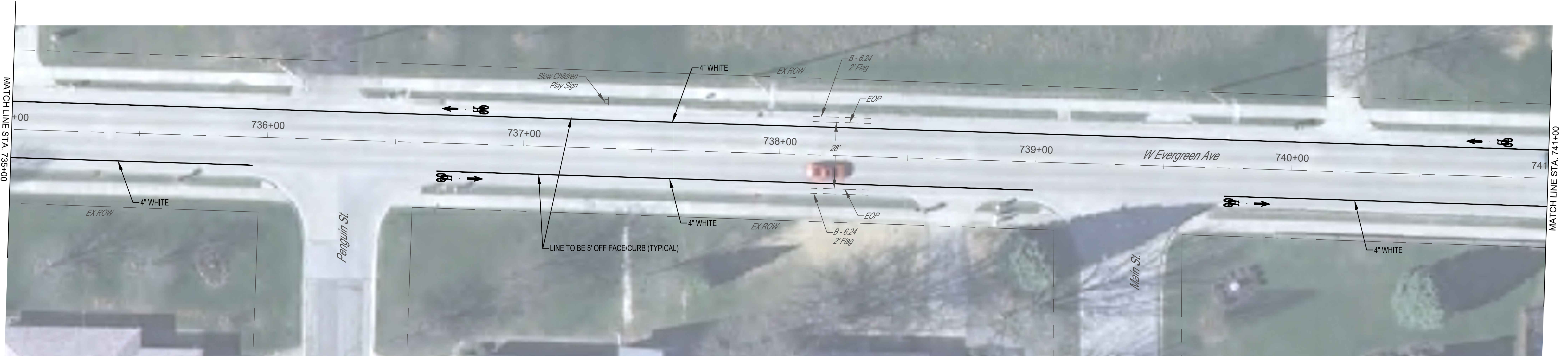
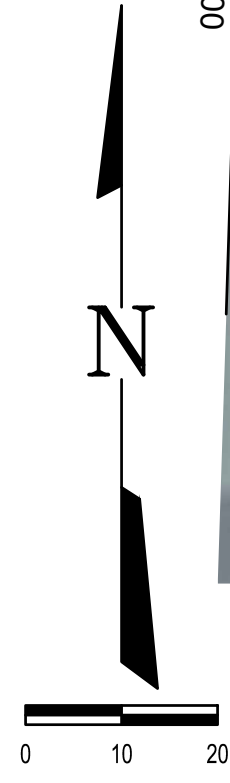
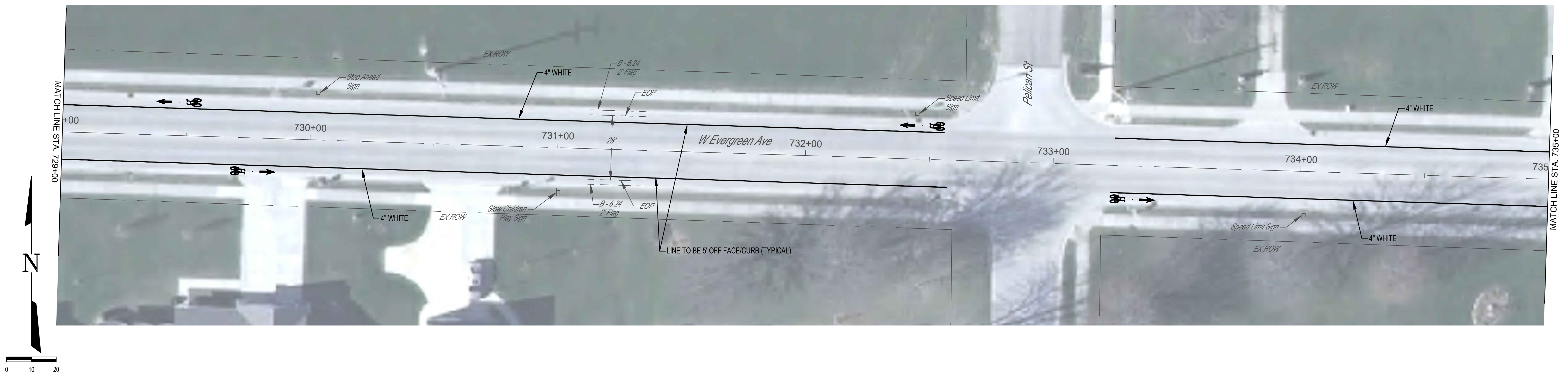


STATION EQUATION
 STA. 326+75.82 (MAPLE STREET)=
 STA. 551+23.28 (EVERGREEN AVENUE)
 (SEE MAPLE STREET PLANS TO NORTH & SOUTH)

	MILANO & GRUNLOH ENGINEERS, LLC 114 W. WASHINGTON AVE. PO BOX 897 EFFINGHAM, IL 62401 Phone: (217) 347-7262 (800) 677-2714 Email: mgen@mgengineers.com Web: www.mgengineers.com Design Firm #184-003108	EVERGREEN AVENUE PAVEMENT MARKING AND SIGNAGE PLAN SECTION 16-00141-00-BT CITY OF EFFINGHAM, ILLINOIS
	File name: S:\2016\16006\dwg\Evergreen.dwg Plot date: 6/22/2021 09:13	

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
S.B.I. F.A.	16-00141-00-BT	EFFINGHAM	71	17
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT:		

CONTRACT #95822



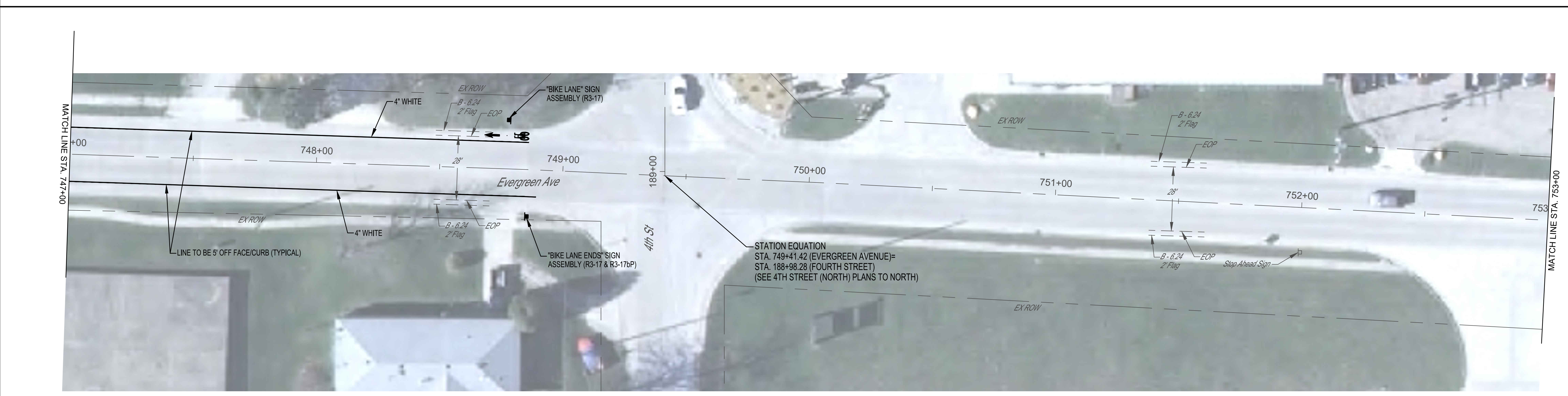
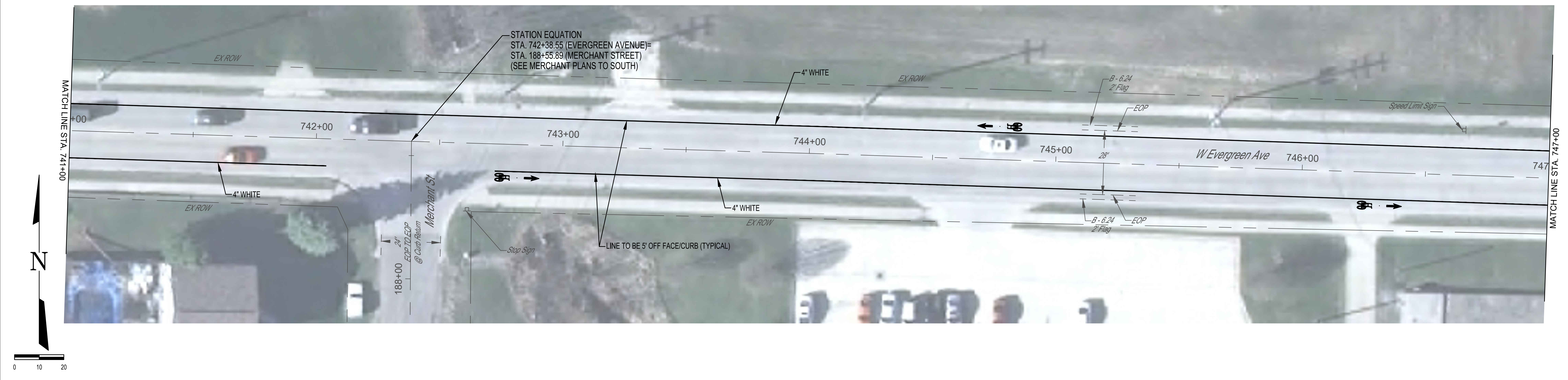
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EVERGREEN AVENUE
 PAVEMENT MARKING
 AND SIGNAGE PLAN
 SECTION 16-00141-00-BT
 CITY OF EFFINGHAM, ILLINOIS

File name: S:\2016\16006\dwg\Evergreen.dwg
 Plot date: 6/22/2021 09:13

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
S.B.I. F.A.	16-00141-00-BT	EFFINGHAM	71	18
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT:		

CONTRACT #95822



	MILANO & GRUNLOH ENGINEERS, LLC 114 W. WASHINGTON AVE. PO BOX 897 EFFINGHAM, IL 62401 Phone: (217) 347-7262 (800) 677-2714 Email: mgen@mgengineers.com Web: www.mgengineers.com Design Firm #184-003108	EVERGREEN AVENUE PAVEMENT MARKING AND SIGNAGE PLAN SECTION 16-00141-00-BT CITY OF EFFINGHAM, ILLINOIS
	File name: S:\2016\16006\dwg\Evergreen.dwg Plot date: 6/22/2021 09:13	

LOCATION	MODIFIED URETHANE PAVEMENT MARKING - LETTERS AND SYMBOLS	MODIFIED URETHANE PAVEMENT MARKING - LINE 4"	SIGN PANEL - TYPE 1	TELESCOPING STEEL SIGN SUPPORT
	SQ FT	FOOT	SQ FT	FOOT
Rt, Sta. 690+86.6 to Sta. 701+80.4		931		
Rt, Sta. 690+97.0	11.2		3.0	14
Lt, Sta. 691+50.0 to Sta. 701+67.1		1,010		
Lt, Sta. 691+87.8			4.3	15
Rt, Sta. 692+58.9	11.2			
Lt, Sta. 693+50.0				
Rt, Sta. 695+08.9	11.2			
Lt, Sta. 695+58.1	11.2			
Rt, Sta. 697+58.9	11.2			
Lt, Sta. 698+58.1	11.2			
Rt, Sta. 700+08.9	11.2			
Lt, Sta. 701+58.1	11.2			
Lt, Sta. 702+35.7 to Sta. 705+80.0		344		
Rt, Sta. 702+55.3 to Sta. 705+80.0		325		
Rt, Sta. 702+64.3	11.2			
Lt, Sta. 703+71.0	11.2			
Rt, Sta. 704+64.3	11.2			
Lt, Sta. 705+71.0	11.2			
Lt, Sta. 706+44.6 to Sta. 714+39.1		795		
Rt, Sta. 706+48.4 to Sta. 708+98.5		250		
Rt, Sta. 706+57.4	11.2			
Lt, Sta. 708+30.0	11.2			
Sub-Total	156.8	3,655	7.3	29

LOCATION	MODIFIED URETHANE PAVEMENT MARKING - LETTERS AND SYMBOLS	MODIFIED URETHANE PAVEMENT MARKING - LINE 4"	SIGN PANEL - TYPE 1	TELESCOPING STEEL SIGN SUPPORT
	SQ FT	FOOT	SQ FT	FOOT
Rt, Sta. 709+67.6 to Sta. 712+07.2		240		
Rt, Sta. 709+76.6	11.2			
Lt, Sta. 710+30.0	11.2			
Lt, Sta. 712+30.0	11.2			
Rt, Sta. 712+78.1 to Sta. 720+65.4		787		
Rt, Sta. 712+87.1	11.2			
Lt, Sta. 714+30.0	11.2			
Lt, Sta. 715+10.1 to Sta. 725+87.8		1,078		
Rt, Sta. 715+87.1	11.2			
Lt, Sta. 716+75.8	11.2			
Rt, Sta. 718+87.1	11.2			
Lt, Sta. 719+75.8	11.2			
Rt, Sta. 721+40.7 to Sta. 725+78.4		438		
Rt, Sta. 721+49.7	11.2			
Lt, Sta. 722+75.8	11.2			
Rt, Sta. 723+99.7	11.2			
Lt, Sta. 725+66.8			5.5	15
Lt, Sta. 725+75.8	11.2			
Rt, Sta. 726+65.2 to Sta. 732+57.5		592		
Rt, Sta. 726+77.2	11.2			
Rt, Sta. 726+86.1			5.5	15
Lt, Sta. 729+46.7	11.2			
Rt, Sta. 729+77.2	11.2			
Lt, Sta. 732+46.7	11.2			
Rt, Sta. 733+23.3 to Sta. 735+94.4		271		
Sub-Total	190.4	3,406	11.0	30

LOCATION	MODIFIED URETHANE PAVEMENT MARKING - LETTERS AND SYMBOLS	MODIFIED URETHANE PAVEMENT MARKING - LINE 4"	SIGN PANEL - TYPE 1	TELESCOPING STEEL SIGN SUPPORT
	SQ FT	FOOT	SQ FT	FOOT
Lt, Sta. 733+24.7 to Sta. 748+85.7		1,561		
Rt, Sta. 733+32.3	11.2			
Rt, Sta. 736+66.3 to Sta. 738+99.1		233		
Rt, Sta. 736+75.3	11.2			
Lt, Sta. 736+76.9	11.2			
Rt, Sta. 739+73.8 to Sta. 742+04.3		231		
Rt, Sta. 739+82.8	11.2			
Lt, Sta. 740+76.9	11.2			
Rt, Sta. 742+72.7 to Sta. 748+89.5		617		
Rt, Sta. 742+81.7	11.2			
Lt, Sta. 744+76.9	11.2			
Rt, Sta. 746+31.7	11.2			
Lt, Sta. 748+76.9	11.2		3	14
Rt, Sta. 748+48.16			4.3	15
Sub-Total	100.8	2,642	7.3	29
TOTAL	448.0	9,703	25.6	88



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 Design Firm #184-003108

EVERGREEN AVENUE
 PAVEMENT MARKING
 AND SIGNAGE PLAN
 SECTION 16-00141-00-BT
 CITY OF EFFINGHAM, ILLINOIS

File name: S:\2016\16006\dwg\Evergreen.dwg
 Plot date: 6/22/2021 09:13

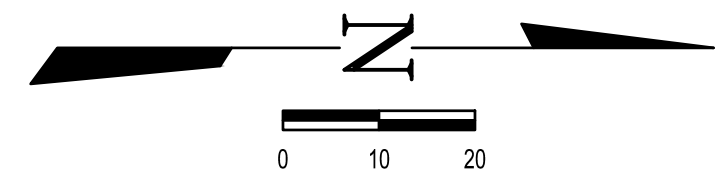
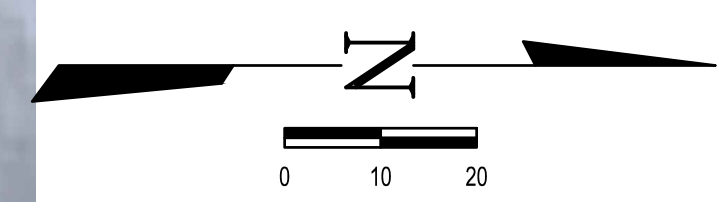
ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
S.B.I. F.A.	16-00141-00-BT	EFFINGHAM	71	20
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT:		

CONTRACT #95822



STATION EQUATION
 STA. 188+98.28 (FOURTH STREET) =
 STA. 749+41.42 (EVERGREEN AVENUE)
 (SEE EVERGREEN AVENUE TO EAST & WEST)

"SHARE THE ROAD" SIGN
 ASSEMBLY (W11-1 AND 3 FT CLEARANCE SIGN)



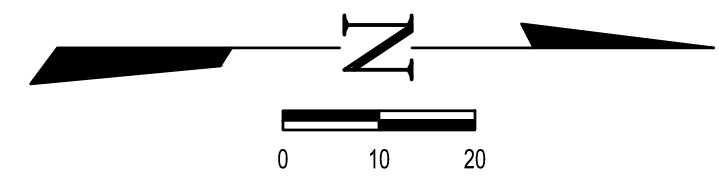
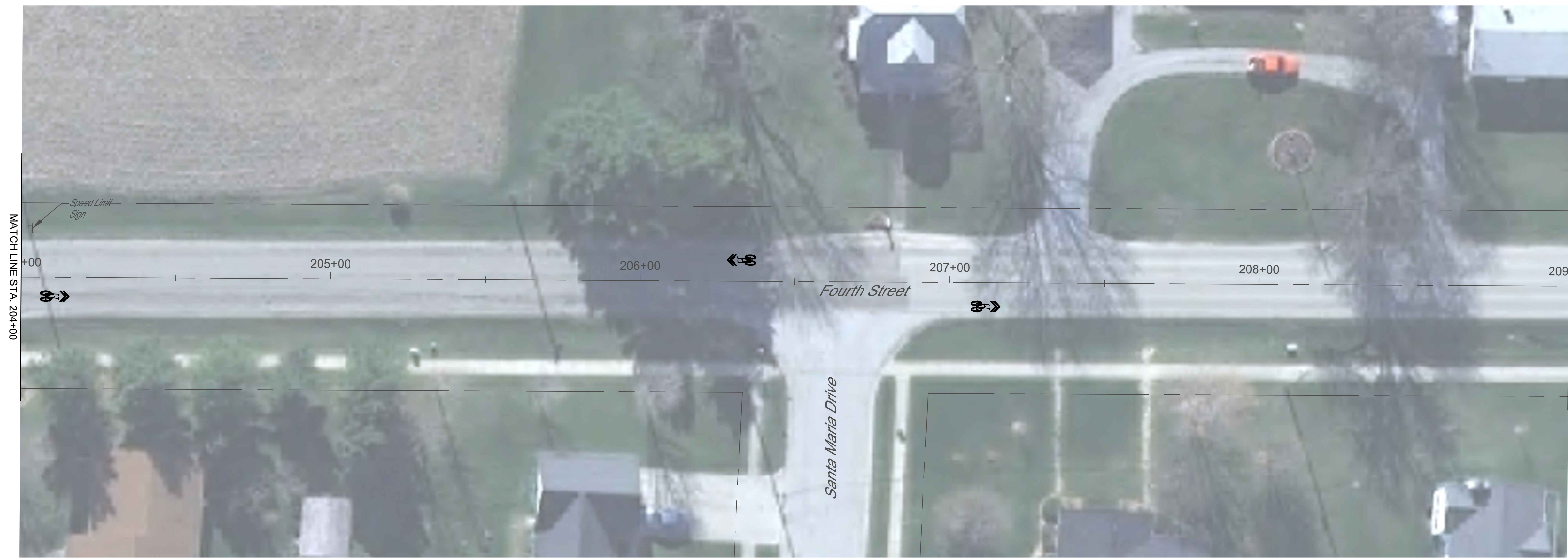
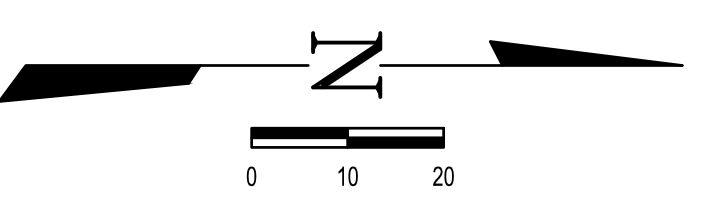
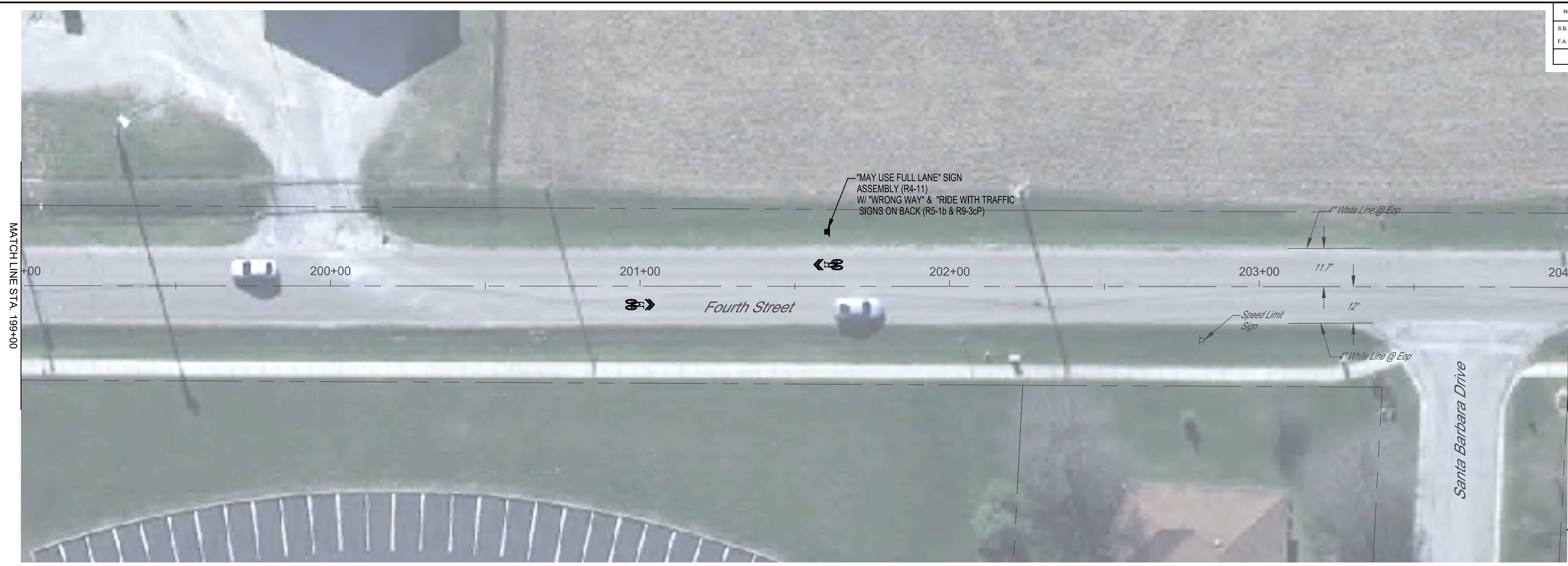
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 Design Firm #184-003108

File name: S:\2016\16006\dwg\Hoffman-Fourth.dwg
 Plot date: 6/22/2021 09:13

**FOURTH STREET (NORTH)
 PAVEMENT MARKING
 AND SIGNAGE PLAN
 SECTION 16-00141-00-BT
 CITY OF EFFINGHAM, ILLINOIS**

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
S.B.I. F.A.	16-00141-00-BT	EFFINGHAM	71	21
FED. ROAD DIST. NO. 7		ILLINOIS	FED. AID PROJECT:	

CONTRACT #95822



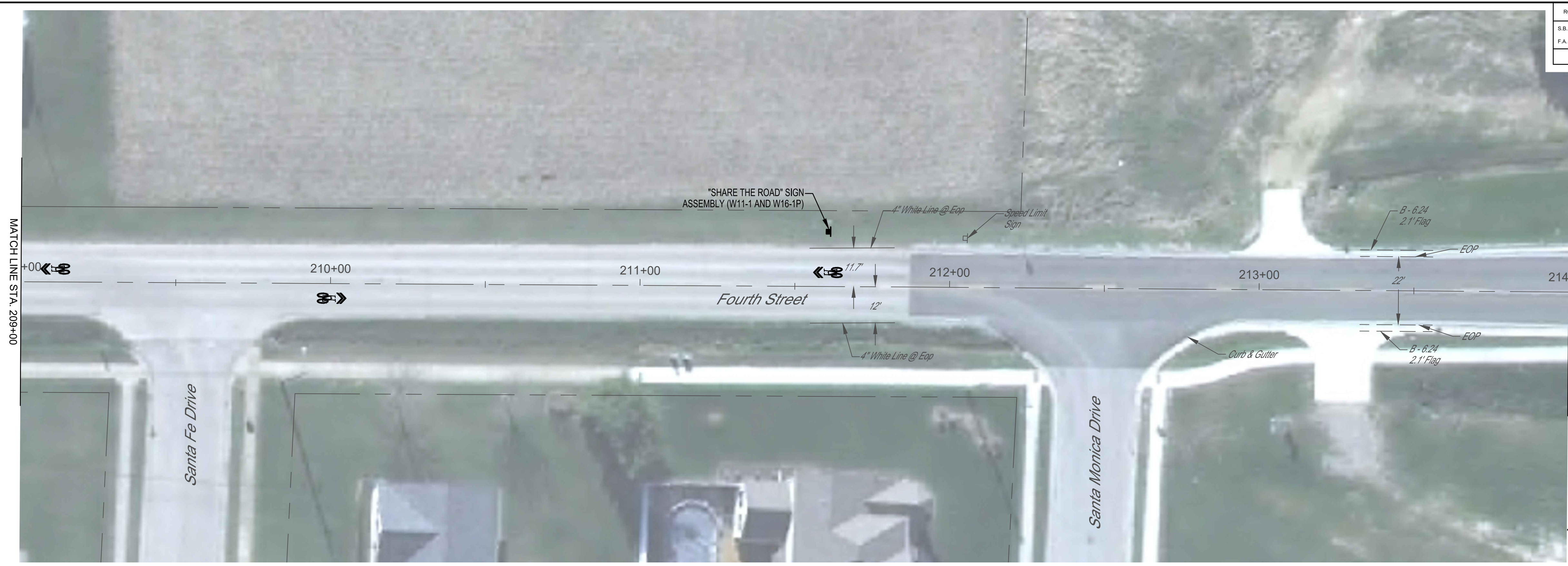
MILANO & GRUNLOH ENGINEERS, LLC
 114 W. WASHINGTON AVE. | PO BOX 897
 EFFINGHAM, IL 62401
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 Design Firm #184-003108

**FOURTH STREET (NORTH)
 PAVEMENT MARKING
 AND SIGNAGE PLAN
 SECTION 16-00141-00-BT
 CITY OF EFFINGHAM, ILLINOIS**

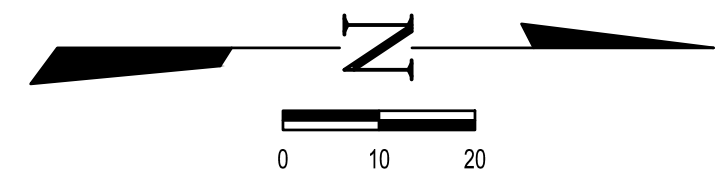
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ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
S.B.I. F.A.	16-00141-00-BT	EFFINGHAM	71	22
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT:		

CONTRACT #95822



LOCATION	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SIGN PANEL - TYPE 1	TELESCOPING STEEL SIGN SUPPORT
	SQ FT	SQ FT	FOOT
Rt, Sta. 189+61.6	8.0	8.8	16
Lt, Sta. 191+60.8	8.0		
Rt, Sta. 193+50.0	8.0		
Lt, Sta. 196+60.8	8.0		
Rt, Sta. 197+11.6	8.0	6.3	15
Lt, Sta. 201+60.8	8.0	8.8	15
Rt, Sta. 201+00.0	8.0		
Rt, Sta. 204+10.8	8.0		
Lt, Sta. 206+32.3	8.0		
Rt, Sta. 207+11.6	8.0		
Lt, Sta. 209+10.8	8.0		
Rt, Sta. 210+00.0	8.0		
Lt, Sta. 211+60.8	8.0	9.3	17
TOTAL	104.0	33.2	63.0



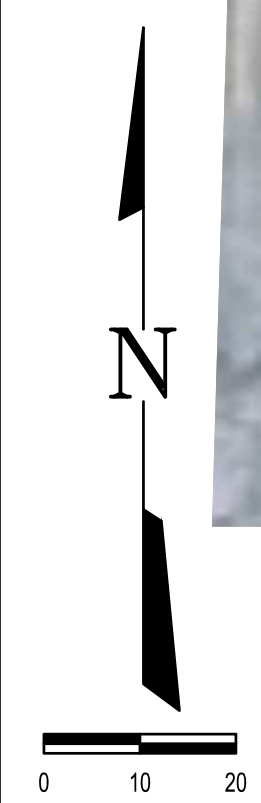
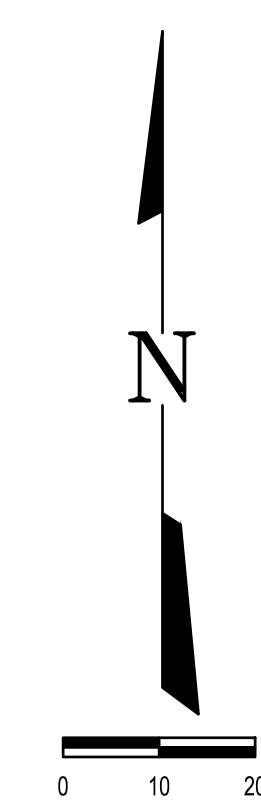
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FOURTH STREET (NORTH)
 PAVEMENT MARKING
 AND SIGNAGE PLAN
 SECTION 16-00141-00-BT
 CITY OF EFFINGHAM, ILLINOIS

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ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
S.B.I. F.A.	16-00141-00-BT	EFFINGHAM	71	23
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT:		

CONTRACT #95822



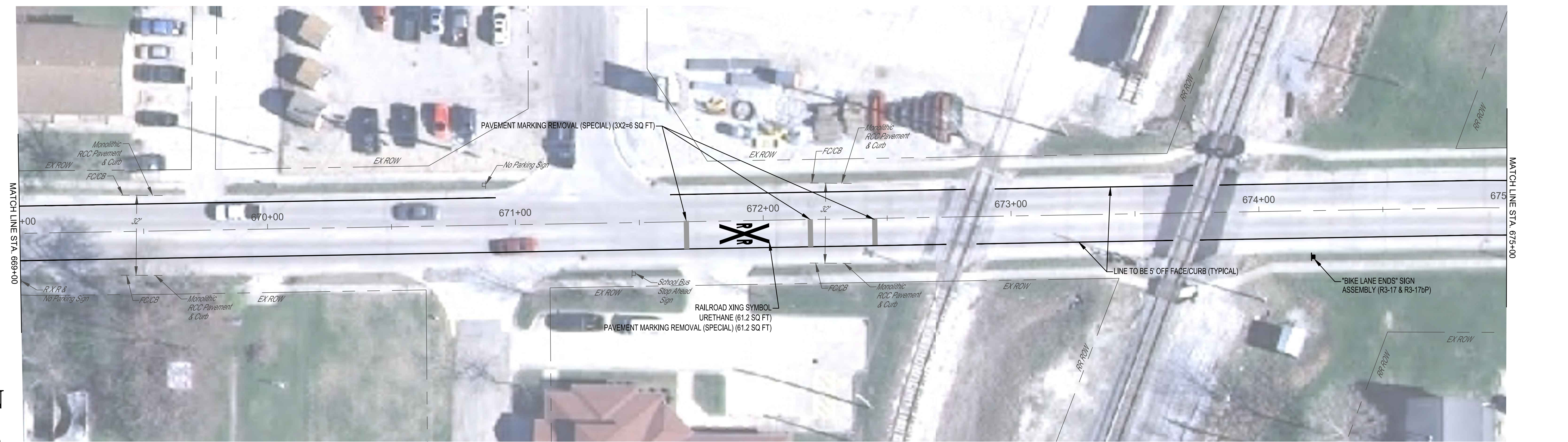
MILANO & GRUNLOH ENGINEERS, LLC
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**TEMPLE AVENUE
 PAVEMENT MARKING
 AND SIGNAGE PLAN
 SECTION 16-00141-00-BT
 CITY OF EFFINGHAM, ILLINOIS**

File name: S:\2016\16006\dwg\Temple.dwg
 Plot date: 6/22/2021 09:13

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
S.B.I. F.A.	16-00141-00-BT	EFFINGHAM	71	24
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT:		

CONTRACT #95822



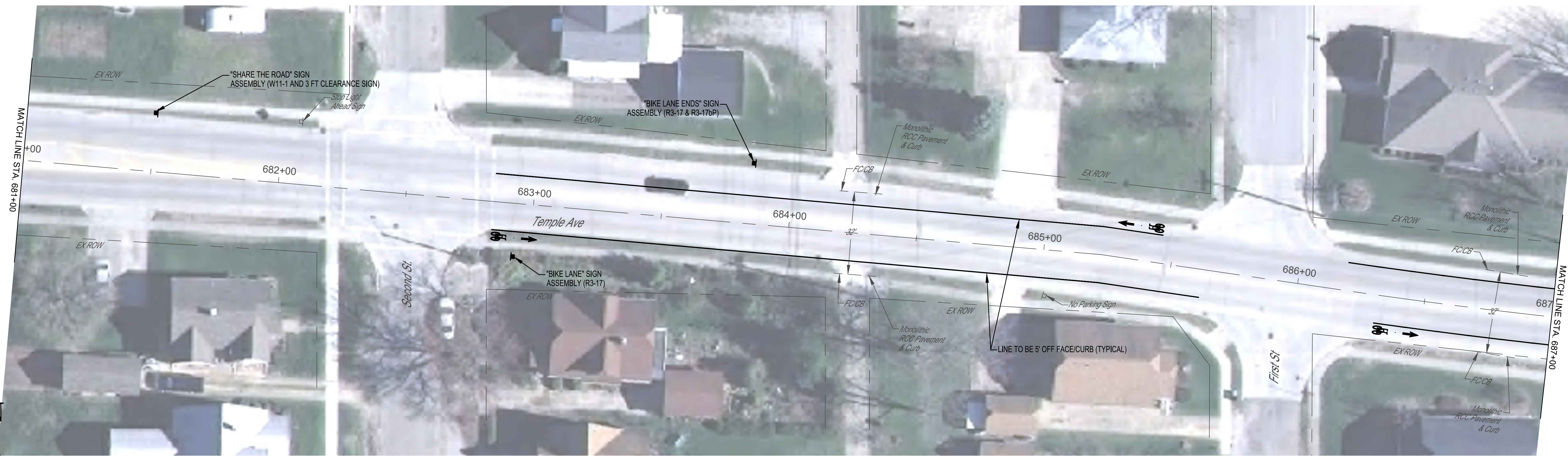
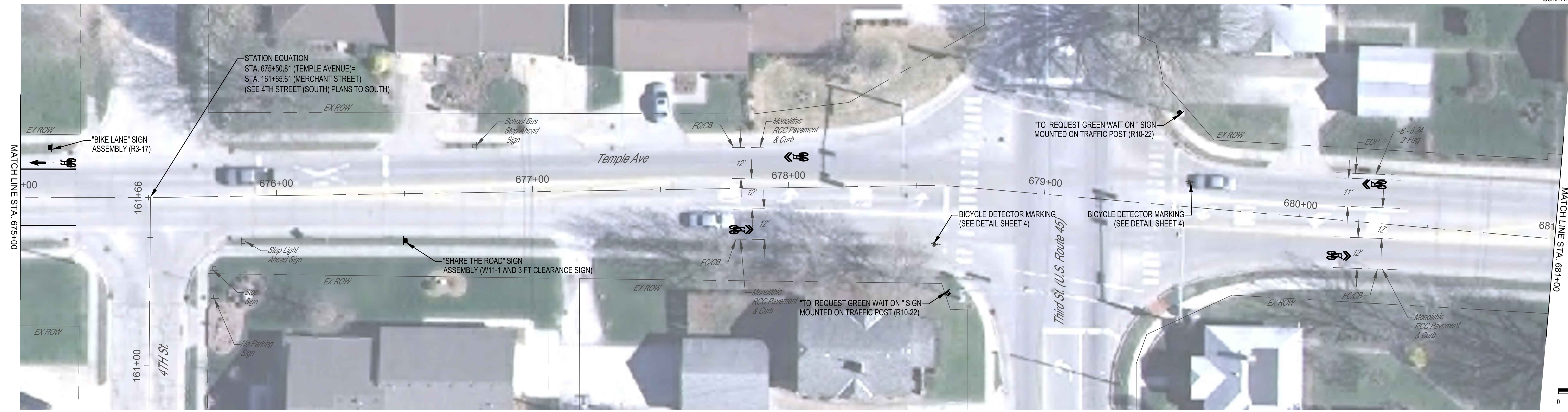
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 SECTION 16-00141-00-BT
 CITY OF EFFINGHAM, ILLINOIS**

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ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
S.B.I. F.A.	16-00141-00-BT	EFFINGHAM	71	25
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT:		

CONTRACT #95822

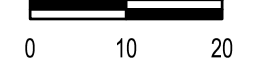
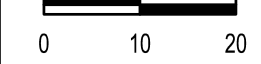


Note: All markings and signage placement shall be according to MUTCD (Manual on Uniform Traffic Control Devices) 2009 Edition. It is preferable to place the R10-22 (To Request Green Wait on "symbol") on the shown traffic signal post. If conflict arises on the traffic signal post the said sign shall be mounted on a telescoping steel sign support with a minimum of 7' clearance below the bottom of the sign (An allowed quantity has been shown for each location, which may be deleted if post mounted). If mounted on a sign support the said sign shall also not block visibility to any existing signals or other signage. Final placement shall be coordinated with the Engineer

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**TEMPLE AVENUE
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 SECTION 16-00141-00-BT
 CITY OF EFFINGHAM, ILLINOIS**

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ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
S.B.I. F.A.	16-00141-00-BT	EFFINGHAM	71	26
FED. ROAD DIST. NO. 7	ILLINOIS		FED. AID PROJECT:	

CONTRACT #95822



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TEMPLE AVENUE
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File name: S:\2016\16006\dwg\Temple.dwg
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LOCATION	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	MODIFIED URETHANE PAVEMENT MARKING - LETTERS AND SYMBOLS	MODIFIED URETHANE PAVEMENT MARKING - LINE 4"	SIGN PANEL - TYPE 1	TELESCOPING STEEL SIGN SUPPORT	PAVEMENT MARKING REMOVAL (SPECIAL)
	SQ FT	FOOT	SQ FT	FOOT	SQ FT	FOOT	SQ FT
Rt, Sta. 655+42.9 to Sta. 664+26.8		884					
Lt, Sta. 655+42.9 to Sta. 659+43.2		401					
Rt, Sta. 655+52.0	11.2				5.5	15	
Lt, Sta. 659+34.2	11.2						
Lt, Sta. 660+04.8 to Sta. 664+25.2		421					
Rt, Sta. 660+16.9	11.2						
Lt, Sta. 664+16.2	11.2						
Lt, Sta. 664+88.7 to Sta. 667+82.3		294					
Rt, Sta. 664+89.3 to Sta. 667+86.7		298					
Rt, Sta. 664+99.0	11.2						
Lt, Sta. 667+73.3	11.2						
Rt, Sta. 668+61.2 to Sta. 672+73.7				413			
Rt, Sta. 668+70.2			11.2				
Lt, Sta. 668+89.3 to Sta. 670+92.2				203			
Lt, Sta. 671+62.7 to Sta. 672+81.8				119			
Rt, Sta. 671+69.1 to Sta. 672+46.00			61.2				67.2
Rt, Sta. 672+85.9 to Sta. 673+65.2				80			
Lt, Sta. 672+93.6 to Sta. 673+73.6				80			
Rt, Sta. 673+76.0 to Sta. 675+21.6				146			
Lt, Sta. 673+84.3 to Sta. 675+21.6				138			
Rt, Sta. 674+21.6				4.3	15		
Lt, Sta. 675+12.7			11.2		3.0	14	
Rt, Sta. 676+50				8.8	17		
Rt, Sta. 677+81.2			8.0				
Lt, Sta. 678+03.1			8.0				
Rt, Sta. 678+57.1			0.8				
Rt, Sta. 678+65.2					1.5	15	
Lt, Sta. 679+50.4					1.5	15	
Sub Total	67.2	2298.0	100.4	1179.0	24.6	91.0	67.2

LOCATION	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	MODIFIED URETHANE PAVEMENT MARKING - LETTERS AND SYMBOLS	MODIFIED URETHANE PAVEMENT MARKING - LINE 4"	SIGN PANEL - TYPE 1	TELESCOPING STEEL SIGN SUPPORT	PAVEMENT MARKING REMOVAL (SPECIAL)
	SQ FT	FOOT	SQ FT	FOOT	SQ FT	FOOT	SQ FT
Lt, Sta. 679+56.4			0.8				
Rt, Sta. 680+16.5			8.0				
Lt, Sta. 680+28.0			8.0				
Lt, Sta. 681+50.0					8.8	17	
Rt, Sta. 682+84.4 to Sta. 685+62.6				278			
Lt, Sta. 682+84.4 to Sta. 685+45.4				262			
Rt, Sta. 682+93.4			11.2		3.0	14	
Rt, Sta. 683+84.4					4.3	15	
Lt, Sta. 685+36.4			11.2				
Lt, Sta. 686+18.5 to Sta. 688+06.1				187			
Rt, Sta. 686+31.4 to Sta. 688+06.1				176			
Rt, Sta. 686+40.3			11.2				
Lt, Sta. 687+97.1			11.2		3.0	14	
Lt, Sta. 689+00.0			8.0				
Rt, Sta. 689+00.0			8.0		8.8	17	
Lt, Sta. 690+22.3			8.0				
Rt, Sta. 691+75.0			8.0				
Lt, Sta. 692+50.0			8.0				
Rt, Sta. 694+25.			8.0				
Lt, Sta. 694+58.6			8.0		8.8	17	
Lt, Sta. 696+26.6			8.0				
Rt, Sta. 696+27.3			8.0				
Rt, Sta. 698+26.5			8.0				
Lt, Sta. 699+29.2			8.0				
Rt, Sta. 700+26.8			8.0				
Lt, Sta. 700+58.5			8.0				
Lt, Sta. 702+26.5			8.0				
Rt, Sta. 702+26.7			8.0				
Sub Total	0.0	0.0	181.6	903.0	36.7	94.0	0.0
TOTAL	67.2	2,298	282.0	2,082	61.3	185.0	67.2

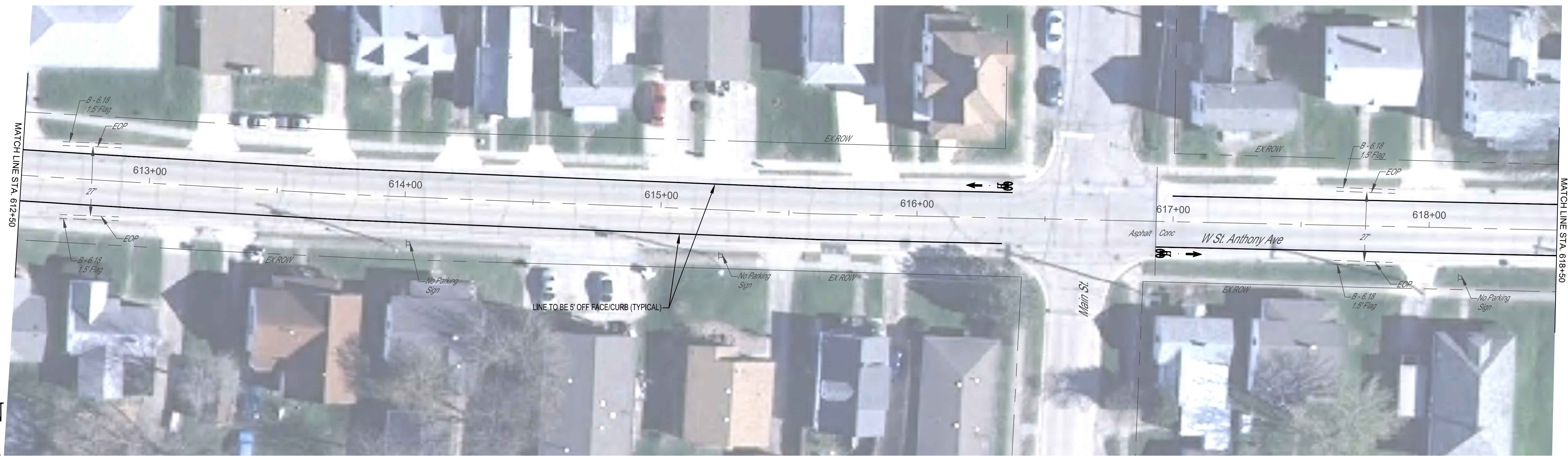
MILANO & GRUNLOH ENGINEERS, LLC
 114 W. WASHINGTON AVE. | PO BOX 897
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 Email: mgen@mgengineers.com
 Web: www.mgengineers.com
 Design Firm #184-003108

TEMPLE AVENUE
 PAVEMENT MARKING
 AND SIGNAGE PLAN
 SECTION 16-00141-00-BT
 CITY OF EFFINGHAM, ILLINOIS

File name: S:\2016\16006\dwg\Temple.dwg
 Plot date: 6/22/2021 09:13

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
16-00141-00-BT	EFFINGHAM	71	28	
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT-		

CONTRACT #95822



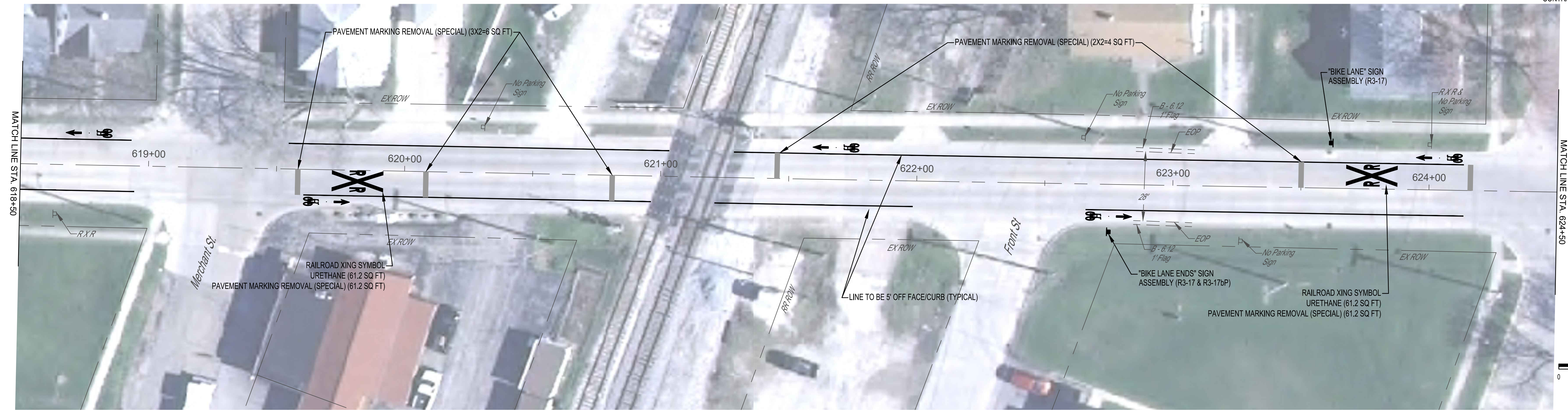
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**St. ANTHONY AVENUE
 PAVEMENT MARKING
 AND SIGNAGE PLAN
 SECTION 16-00141-00-BT
 CITY OF EFFINGHAM, ILLINOIS**

File name: S:\2016\16006\dwg\St Anthony.dwg
 Plot date: 6/22/2021 09:13

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
S.B.I. FA.	16-00141-00-BT	EFFINGHAM	71	29
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT-		

CONTRACT #95822



STATION EQUATION
 STA. 627+68.16 (ST ANTHONY AVENUE)=
 STA. 148+26.45 (4TH STREET)
 (SEE 4TH STREET PLANS TO NORTH & SOUTH)

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St. ANTHONY AVENUE
 PAVEMENT MARKING
 AND SIGNAGE PLAN
 SECTION 16-00141-00-BT
 CITY OF EFFINGHAM, ILLINOIS

File name: S:\2016\16006\dwg\St Anthony.dwg
 Plot date: 6/22/2021 09:13

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
S.B.I. F.A.	16-00141-00-BT	EFFINGHAM	71	30
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT:		

CONTRACT #95822

LOCATION	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	MODIFIED URETHANE PAVEMENT MARKING - LETTERS AND SYMBOLS	MODIFIED URETHANE PAVEMENT MARKING - LINE 4"	SIGN PANEL - TYPE 1	TELESCOPING STEEL SIGN SUPPORT	PAVEMENT MARKING REMOVAL (SPECIAL)
	SQ FT	FOOT	SQ FT	FOOT	SQ FT	FOOT	SQ FT
Lt, Sta. 607+59.3 to Sta. 616+37.1		878					
Rt, Sta. 607+63.0 to Sta. 611+70.9		408					
Rt, Sta. 607+72.4	11.2				3.0	14	
Lt, Sta. 611+36.3	11.2				3.0	14	
Rt, Sta. 612+21.7 to Sta. 616+33.4		412					
Rt, Sta. 612+30.7	11.2						
Lt, Sta. 616+28.1	11.2						
Rt, Sta. 616+93.4 to Sta. 618+94.5				201			
Lt, Sta. 616+99.7 to Sta. 618+93.2				194			
Rt, Sta. 617+02.4			11.2				
Lt, Sta. 618+76.6			11.2				
Lt, Sta. 619+54.6 to Sta. 621+03.1				149			
Rt, Sta. 619+57.3 to Sta. 620+82.1			61.2				67.2
Rt, Sta. 619+60.7 to Sta. 620+96.3				136			
Rt, Sta. 619+69.7			11.2				
Rt, Sta. 621+21.2 to Sta. 621+98.5				77			
Lt, Sta. 621+28.5 to Sta. 624+13.4				285			
Lt, Sta. 621+44.3 to Sta. 624+21.38			61.2				65.2
Lt, Sta. 621+68.3			11.2				
Rt, Sta. 622+66.1 to Sta. 624+13.8				148			
Rt, Sta. 622+75.1			11.2		4.3	15	
Lt, Sta. 623+61.5					3.0	14	
Lt, Sta. 624+03.9			11.2				
Rt, Sta. 625+29.9			8.0				
Lt, Sta. 626+92.6			8.0				
TOTAL	44.8	1698.0	205.6	1190.0	13.3	57.0	132.4

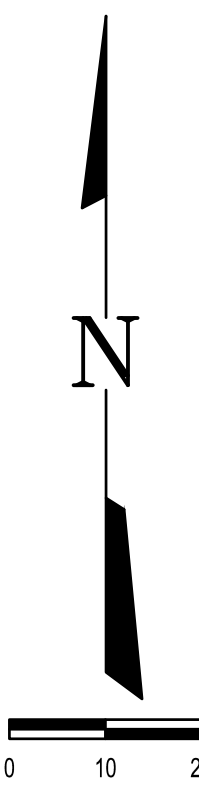
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St. ANTHONY AVENUE
PAVEMENT MARKING
AND SIGNAGE PLAN
SECTION 16-00141-00-BT
CITY OF EFFINGHAM, ILLINOIS

File name: S:\2016\16006\dwg\St Anthony.dwg
Plot date: 6/22/2021 09:13

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
S.B.I. F.A.	16-00141-00-BT	EFFINGHAM	71	31
FED. ROAD DIST. NO. 7	ILLINOIS		FED. AID PROJECT:	

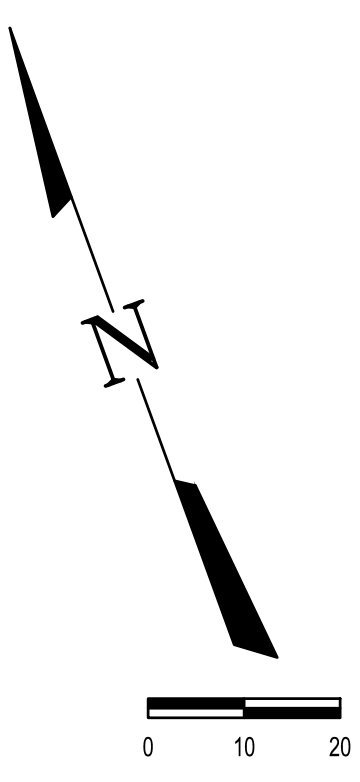
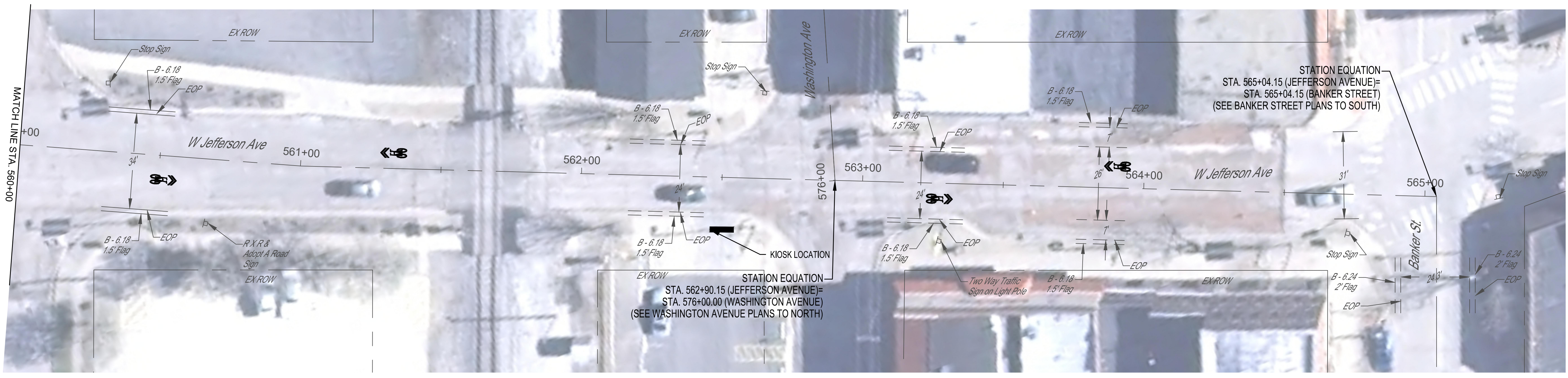
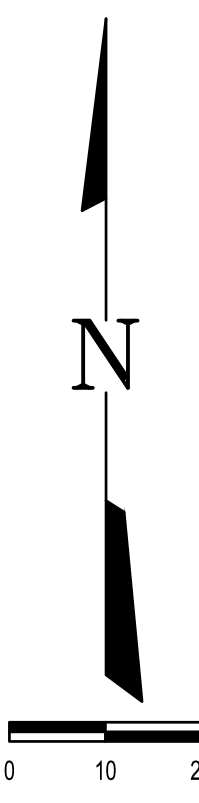
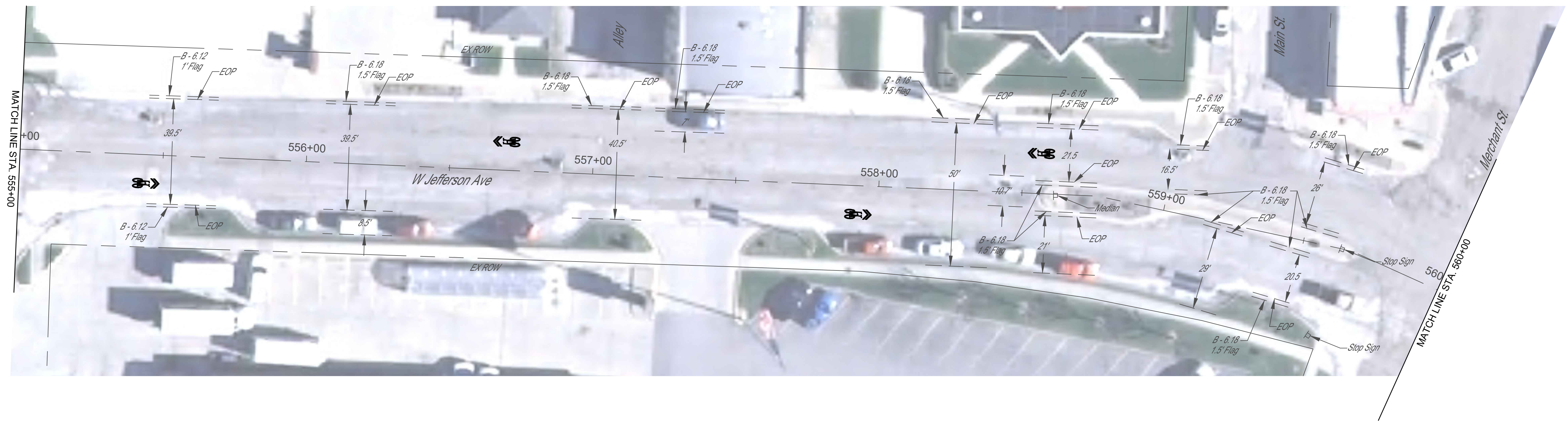
CONTRACT #95822



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JEFFERSON AVENUE
 PAVEMENT MARKING
 AND SIGNAGE PLAN
 SECTION 16-00141-00-BT
 CITY OF EFFINGHAM, ILLINOIS

File name: S:\2016\16006\dwg\Jefferson.dwg
 Plot date: 6/22/2021 09:12



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**JEFFERSON AVENUE
 PAVEMENT MARKING
 AND SIGNAGE PLAN
 SECTION 16-00141-00-BT
 CITY OF EFFINGHAM, ILLINOIS**

File name: S:\2016\16006\dwg\Jefferson.dwg
 Plot date: 6/22/2021 09:12

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
S.B.I. F.A.	16-00141-00-BT	EFFINGHAM	71	33
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT:		

CONTRACT #95822

LOCATION	MODIFIED URETHANE PAVEMENT MARKING - LETTERS AND SYMBOLS	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SIGN PANEL - TYPE 1	TELESCOPING STEEL SIGN SUPPORT
	SQ FT	SQ FT	SQ FT	FOOT
Rt, Sta. 551+68.5			11.3	17
Rt, Sta. 552+50.0		8.0		
Lt, Sta. 553+50.0		8.0		
Rt, Sta. 555+44.3		8.0		
Lt, Sta. 556+69.6		8.0		
Rt, Sta. 557+93.1		8.0		
Lt, Sta. 558+56.2		8.0		
Rt, Sta. 560+51.8		8.0		
Lt, Sta. 561+33.5		8.0		
Rt, Sta. 563+27.4	8.0			
Lt, Sta. 563+90.5	8.0			
TOTAL	16.0	64.0	11.3	17.0



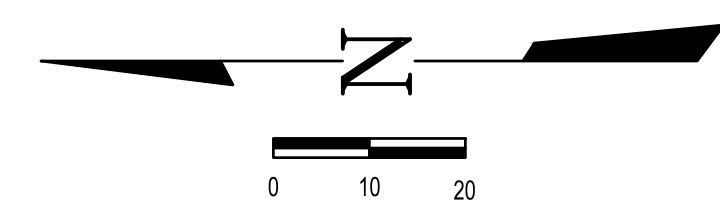
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JEFFERSON AVENUE
 PAVEMENT MARKING
 AND SIGNAGE PLAN
 SECTION 16-00141-00-BT
 CITY OF EFFINGHAM, ILLINOIS

File name: S:\2016\16006\dwg\Jefferson.dwg
 Plot date: 6/22/2021 09:12



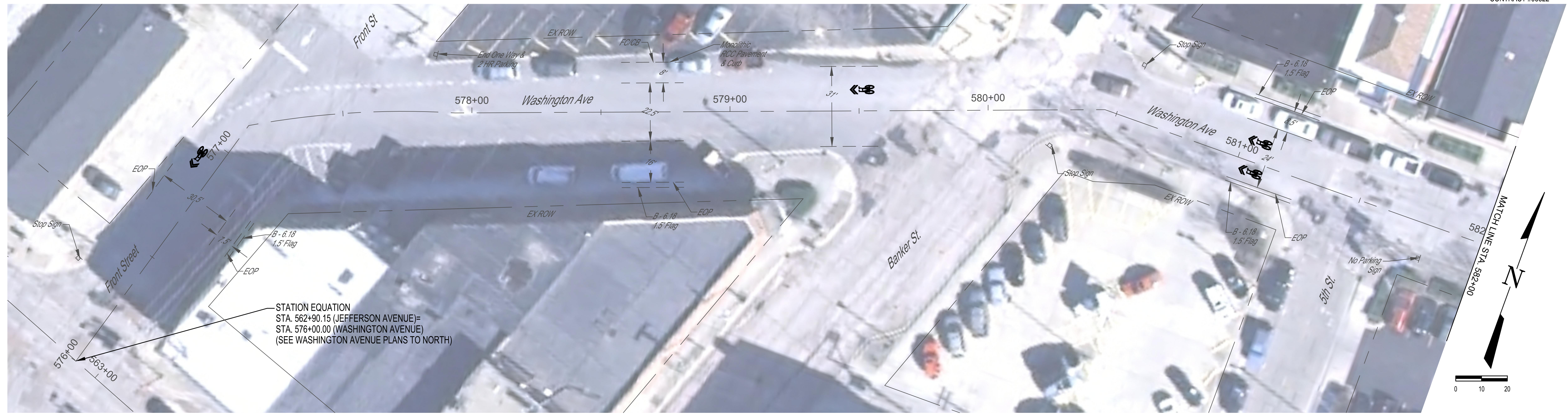
LOCATION	MODIFIED URETHANE PAVEMENT MARKING - LETTERS AND SYMBOLS
	SQ FT
Rt, Sta. 565+35.0	8.0
Lt, Sta. 565+85.0	8.0
Rt, Sta. 567+85.0	8.0
Lt, Sta. 567+85.0	8.0
TOTAL	32.0



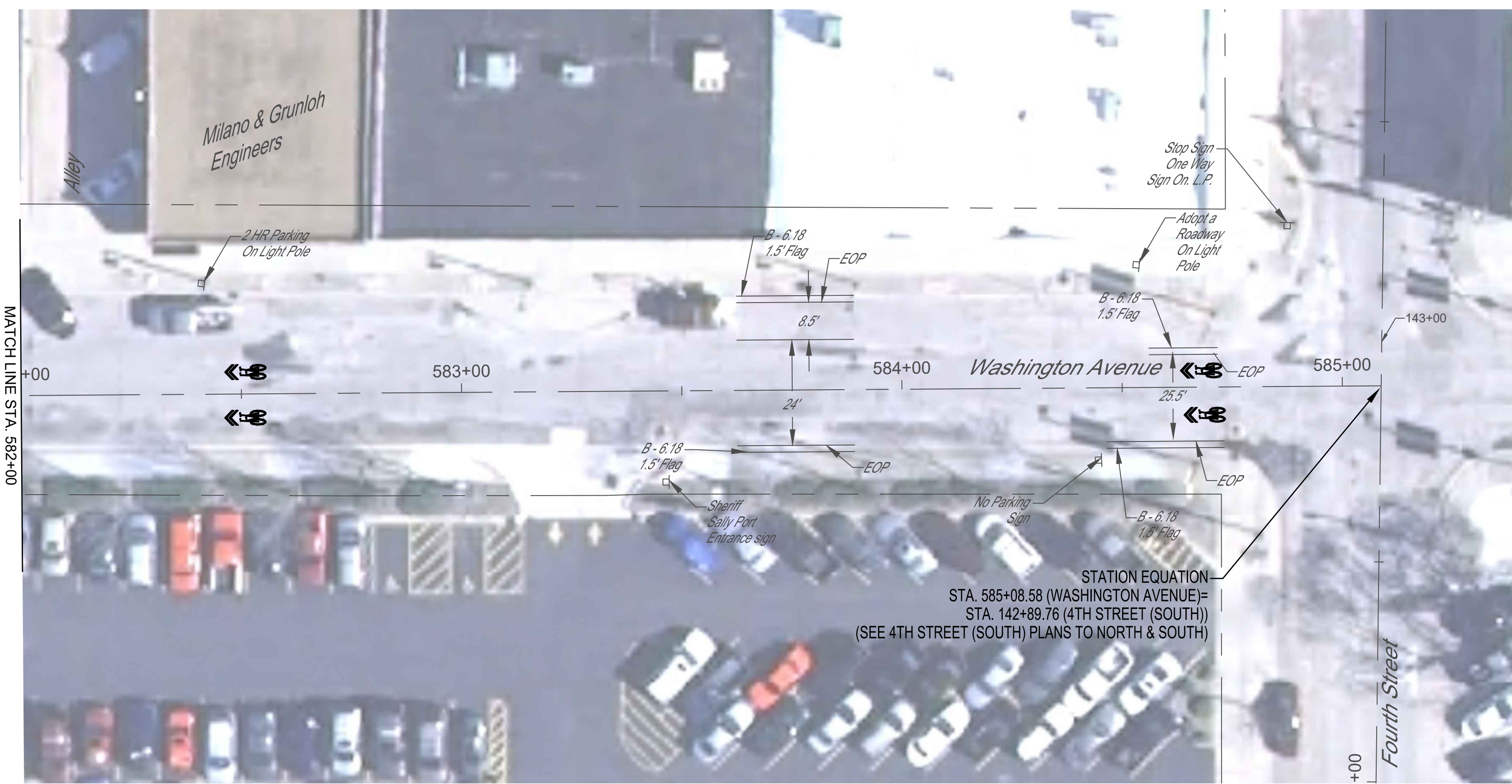
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BANKER STREET PAVEMENT MARKING AND SIGNAGE PLAN
 SECTION 16-00141-00-BT
 CITY OF EFFINGHAM, ILLINOIS

File name: S:\2016\16006\dwg\Banker.dwg
 Plot date: 6/22/2021 09:13



STATION EQUATION
 STA. 562+90.15 (JEFFERSON AVENUE)=
 STA. 576+00.00 (WASHINGTON AVENUE)
 (SEE WASHINGTON AVENUE PLANS TO NORTH)



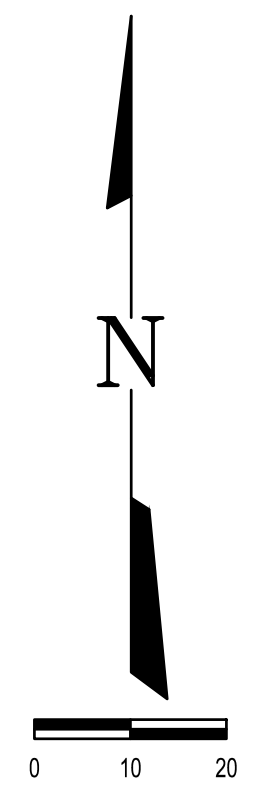
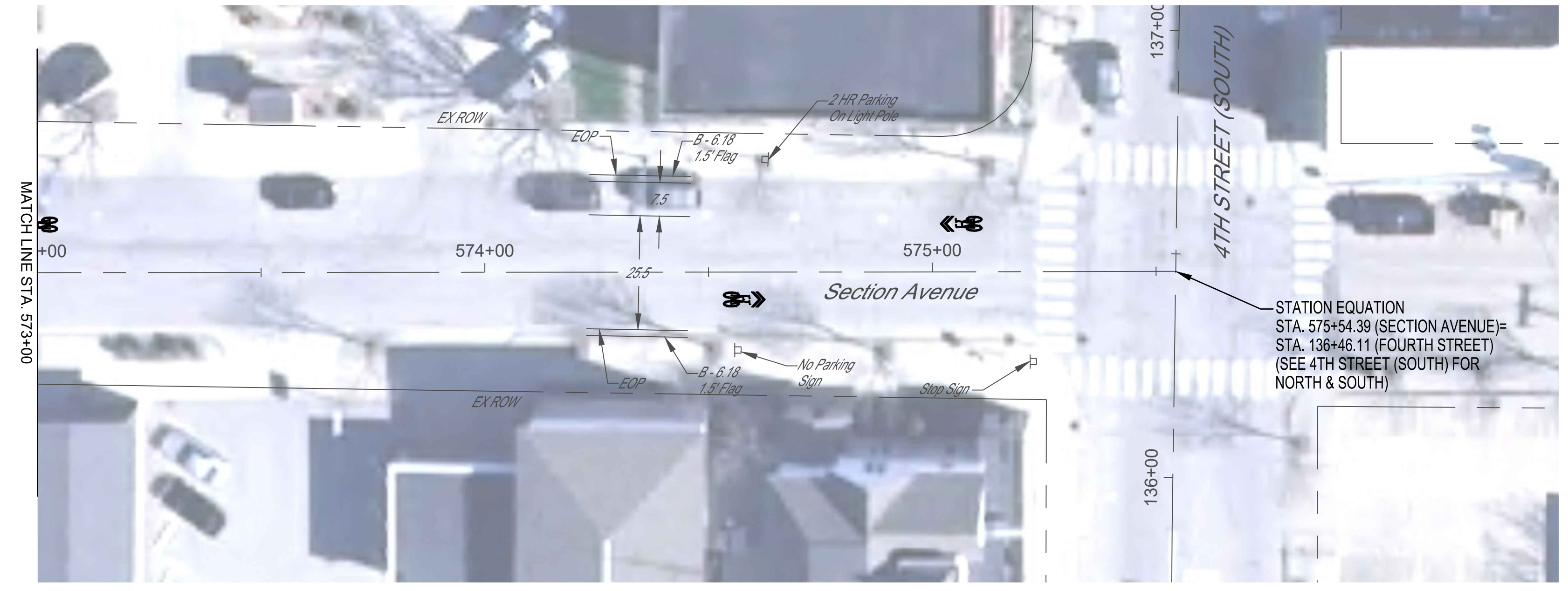
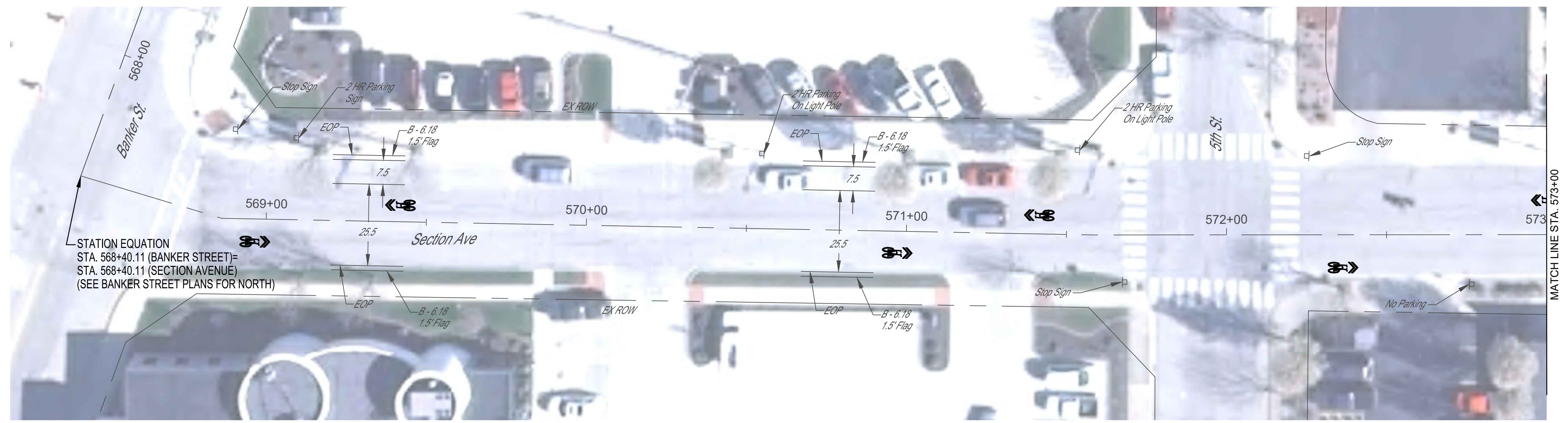
STATION EQUATION
 STA. 585+08.58 (WASHINGTON AVENUE)=
 STA. 142+89.76 (4TH STREET (SOUTH))
 (SEE 4TH STREET (SOUTH) PLANS TO NORTH & SOUTH)

LOCATION	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS
	SQ FT
Lt, Sta. 576+92.6	8.0
Lt, Sta. 579+51.2	8.0
Rt, Sta. 581+06.7	8.0
Lt, Sta. 581+06.7	8.0
Rt, Sta. 582+50.7	8.0
Lt, Sta. 582+50.7	8.0
Rt, Sta. 584+68.2	8.0
Lt, Sta. 584+68.2	8.0
TOTAL	64.0

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WASHINGTON AVENUE
 PAVEMENT MARKING
 AND SIGNAGE PLAN
 SECTION 16-00141-00-BT
 CITY OF EFFINGHAM, ILLINOIS

File name: S:\2016\16006\dwg\Washington.dwg
 Plot date: 6/22/2021 09:12



LOCATION	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS
	SQ FT
Rt, Sta. 568+95.9	8.0
Lt, Sta. 569+40.3	8.0
Rt, Sta. 570+96.3	8.0
Lt, Sta. 571+40.9	8.0
Rt, Sta. 572+36.4	8.0
Lt, Sta. 573+99.9	8.0
Rt, Sta. 574+59.4	8.0
Lt, Sta. 575+06.5	8.0
TOTAL	64.0

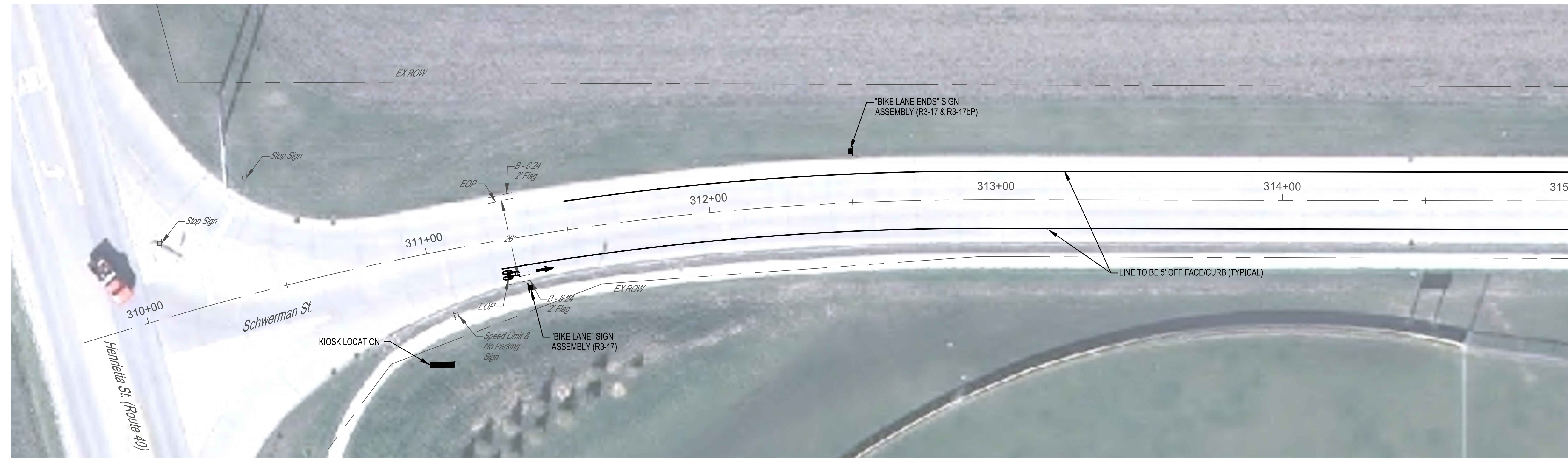
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SECTION AVENUE
 PAVEMENT MARKING
 AND SIGNAGE PLAN
 SECTION 16-00141-00-BT
 CITY OF EFFINGHAM, ILLINOIS

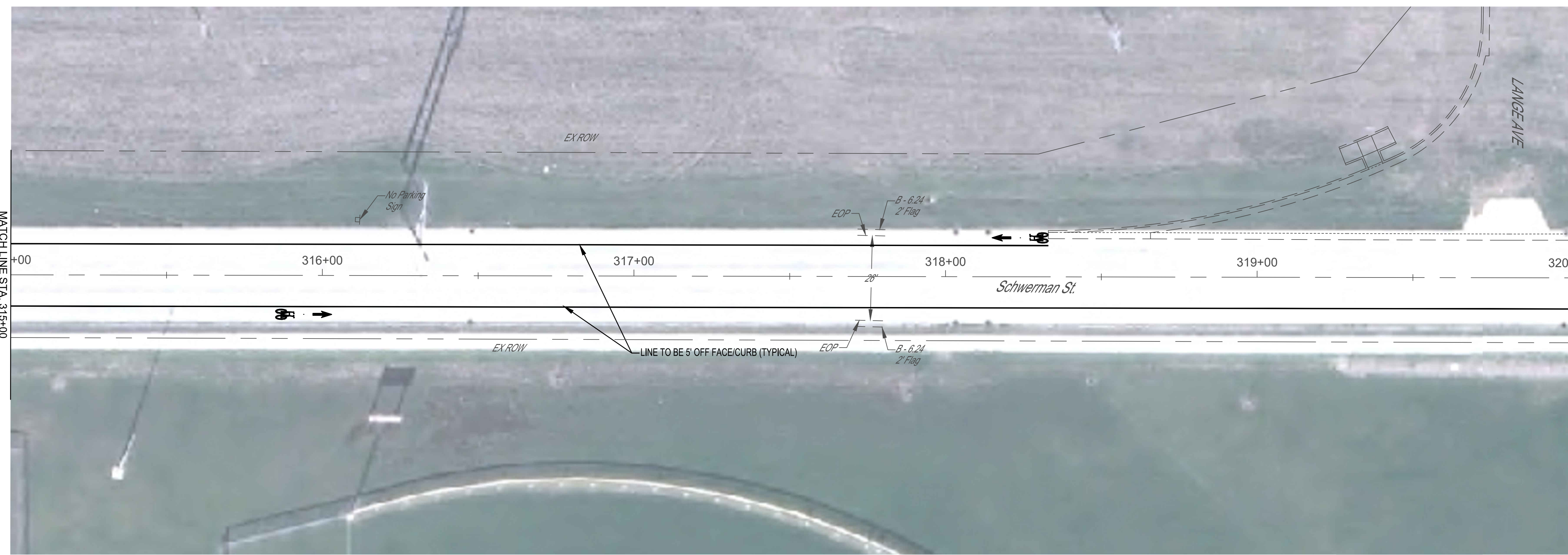
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ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
S.B.I. F.A.	16-00141-00-BT	EFFINGHAM	71	37
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT:		

CONTRACT #95822



MATCH LINE STA. 315+00



MATCH LINE STA. 315+00

MATCH LINE STA. 320+00

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**SCHWERMAN STREET
 PAVEMENT MARKING
 AND SIGNAGE PLAN
 SECTION 16-00141-00-BT
 CITY OF EFFINGHAM, ILLINOIS**

File name: S:\2016\16006\dwg\Schwerman.dwg
 Plot date: 6/22/2021 09:12



LOCATION	MODIFIED URETHANE PAVEMENT MARKING - LETTERS AND SYMBOLS	MODIFIED URETHANE PAVEMENT MARKING - LINE 4"	SIGN PANEL - TYPE 1	TELESCOPING STEEL SIGN SUPPORT
	SQ FT	FOOT	SQ FT	FOOT
Rt, Sta. 311+25.0 to Sta. 325+02.4		1,377		
Rt, Sta. 311+34.0	11.2		3.0	14
Lt, Sta. 311+50.0 to Sta. 318+32.9		685		
Lt, Sta. 312+50.0			4.3	15
Rt, Sta. 315+94.0	11.2			
Lt, Sta. 318+23.9	11.2			
Rt, Sta. 320+54.0	11.2			
Lt, Sta. 320+70.1 to Sta. 324+75.0		405		
Lt, Sta. 324+66.0	11.2		3.0	14
TOTAL	56.0	2,467	10.3	43

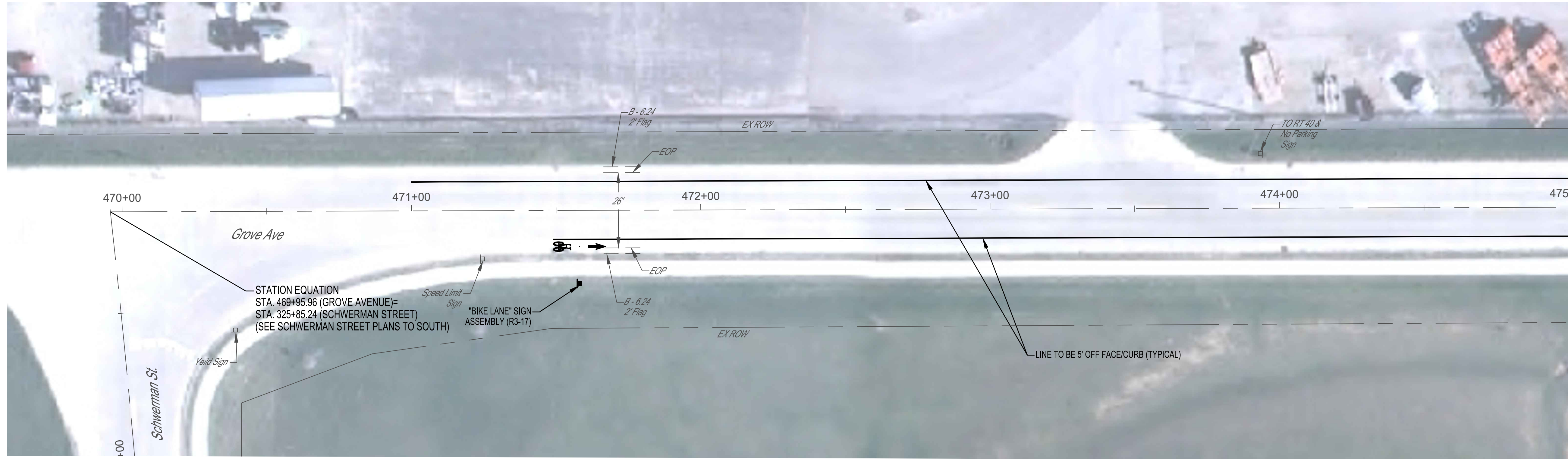
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**SCHWERMAN STREET
 PAVEMENT MARKING
 AND SIGNAGE PLAN
 SECTION 16-00141-00-BT
 CITY OF EFFINGHAM, ILLINOIS**

File name: S:\2016\16006\dwg\Schwerman.dwg
 Plot date: 6/22/2021 09:12

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
S.B.I.	16-00141-00-BT	EFFINGHAM	71	39
F.A.				
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT:		

CONTRACT #95822

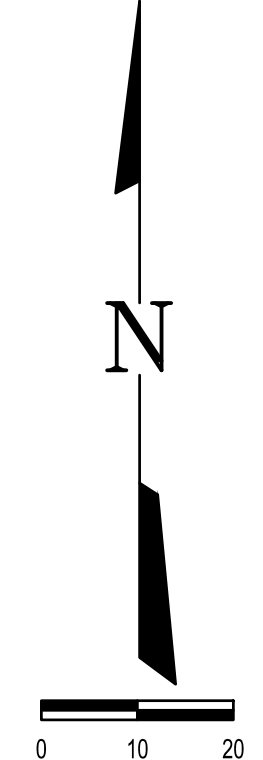


STATION EQUATION
 STA. 469+95.96 (GROVE AVENUE)=
 STA. 325+85.24 (SCHWERMAN STREET)
 (SEE SCHWERMAN STREET PLANS TO SOUTH)

Schwerman St.

Grove Ave

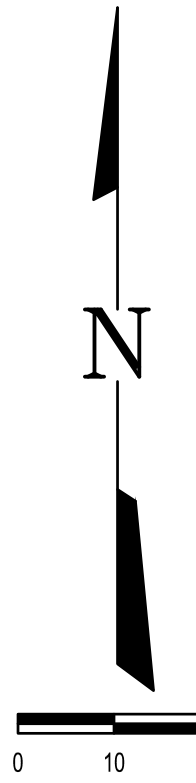
MATCH LINE STA. 475+00



MATCH LINE STA. 475+00

Grove Ave

MATCH LINE STA. 480+00



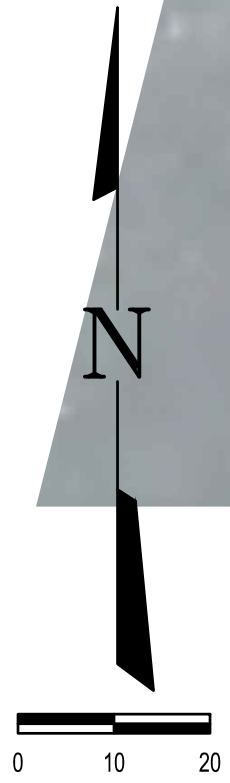
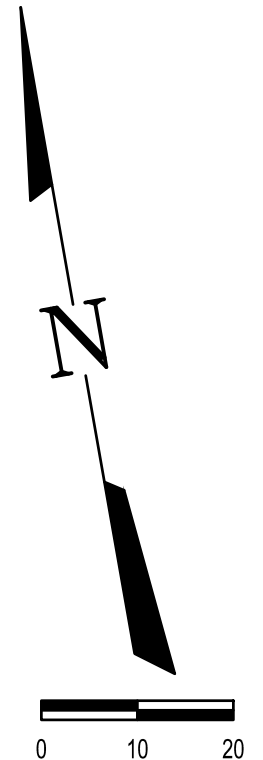
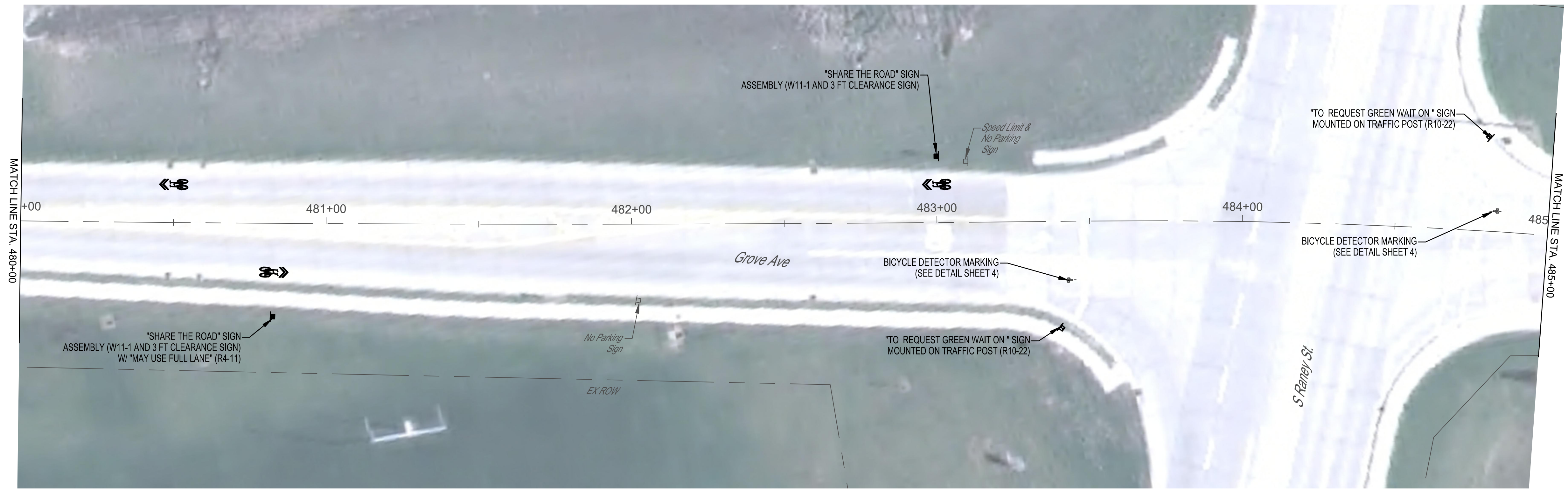
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 Design Firm #184-003108

GROVE AVENUE
 PAVEMENT MARKING
 AND SIGNAGE PLAN
 SECTION 16-00141-00-BT
 CITY OF EFFINGHAM, ILLINOIS

File name: S:\2016\16006\dwg\Grove.dwg
 Plot date: 6/22/2021 09:12

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
S.B.I.	16-00141-00-BT	EFFINGHAM	71	40
F.A.				
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT:		

CONTRACT #95822



Note: All markings and signage placement shall be according to MUTCD (Manual on Uniform Traffic Control Devices) 2009 Edition. It is preferable to place the R10-22 (To Request Green Wait on "symbol") on the shown traffic signal post. If conflict arises on the traffic signal post the said sign shall be mounted on a telescoping steel sign support with a minimum of 7' clearance below the bottom of the sign (An allowed quantity has been shown for each location, which may be deleted if post mounted). If mounted on a sign support the said sign shall also not block visibility to any existing signals or other signage. Final placement shall be coordinated with the Engineer

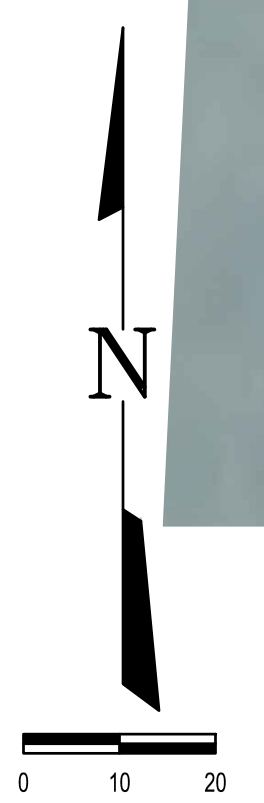
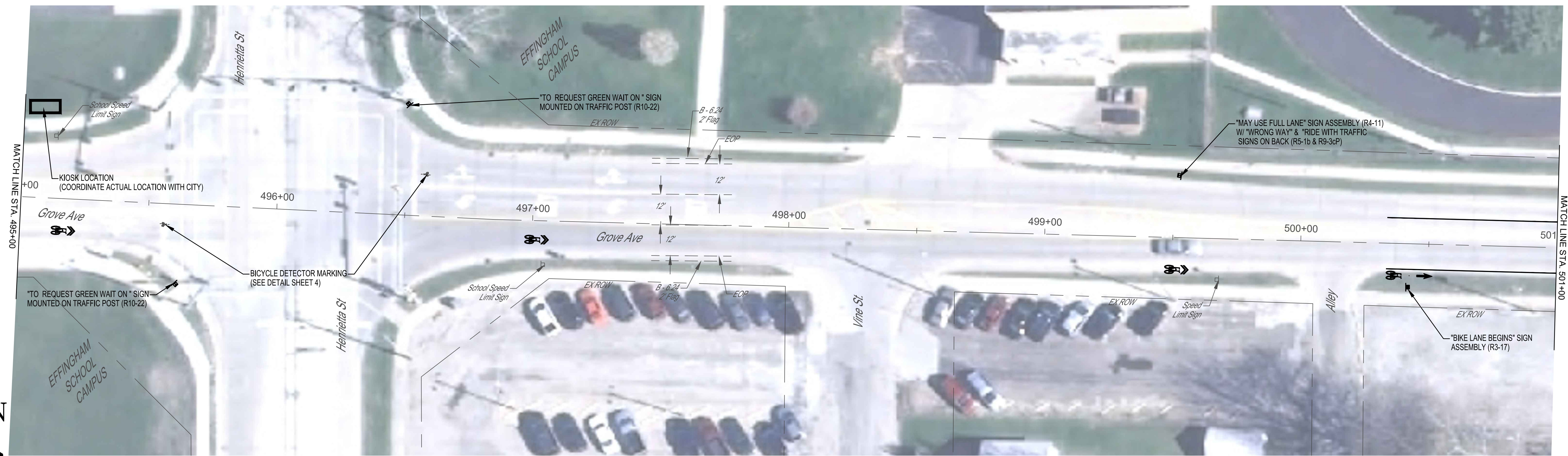
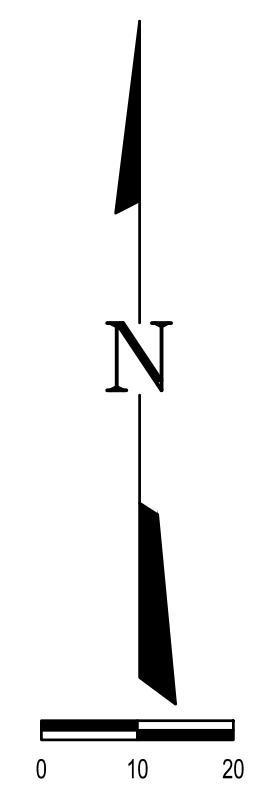
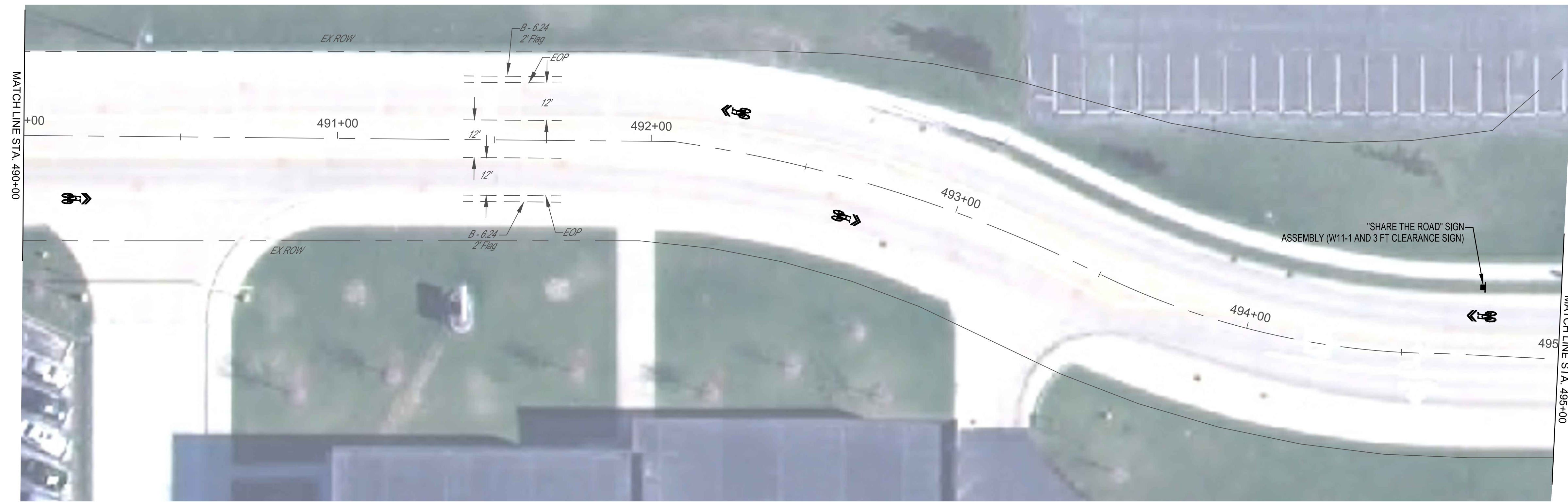
MILANO & GRUNLOH ENGINEERS, LLC
 114 W. WASHINGTON AVE. | PO BOX 897
 EFFINGHAM, IL 62401
 Phone: (217) 347-7262 | (800) 677-2714
 Email: mgen@mgengineers.com
 Web: www.mgengineers.com
 Design Firm #184-003108

**GROVE AVENUE
 PAVEMENT MARKING
 AND SIGNAGE PLAN
 SECTION 16-00141-00-BT
 CITY OF EFFINGHAM, ILLINOIS**

File name: S:\2016\16006\dwg\Grove.dwg
 Plot date: 6/22/2021 09:12

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
S.B.I. F.A.	16-00141-00-BT	EFFINGHAM	71	41
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT:		

CONTRACT #95822



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**GROVE AVENUE
 PAVEMENT MARKING
 AND SIGNAGE PLAN
 SECTION 16-00141-00-BT
 CITY OF EFFINGHAM, ILLINOIS**

File name: S:\2016\16006\dwg\Grove.dwg
 Plot date: 6/22/2021 09:12

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
S.B.I. F.A.	16-00141-00-BT	EFFINGHAM	71	42
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT:		

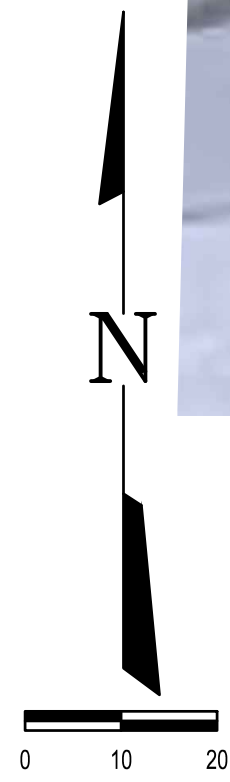
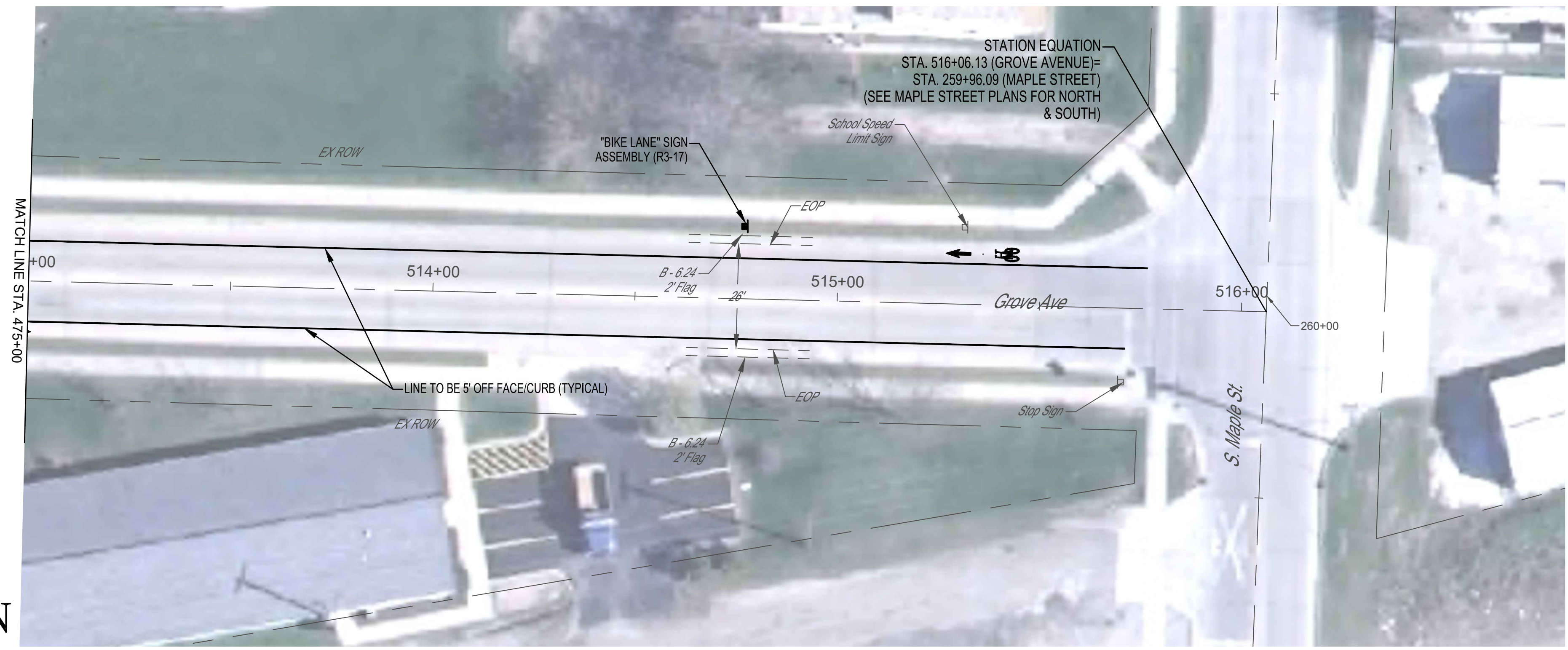
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LOCATION	MODIFIED URETHANE PAVEMENT MARKING - LETTERS AND SYMBOLS	MODIFIED URETHANE PAVEMENT MARKING - LINE 4"	SIGN PANEL - TYPE 1	TELESCOPING STEEL SIGN SUPPORT
	SQ FT	FOOT	SQ FT	FOOT
Lt. Sta. 471+00.0 to Sta. 479+00.0		802		
Rt. Sta. 471+48.9 to Sta. 479+00.0		751		
Rt. Sta. 471+58.0	11.2		3.0	14
Rt. Sta. 478+00.0			4.3	15
Lt. Sta. 478+91.0	11.2		5.5	15
Lt. Sta. 480+50.0	8.0			
Rt. Sta. 480+83.0	8.0		15.0	17
Lt. Sta. 483+00.0	8.0		8.8	17
Rt. Sta. 483+40.0			1.5	15
Rt. Sta. 483+43.5	0.8			
Lt. Sta. 484+82.5	0.8			
Lt. Sta. 485+17.6			1.5	15
Rt. Sta. 485+35.10	8.0		9.3	17
Lt. Sta. 485+35.10			6.3	15
Lt. Sta. 487+25.0	8.0			
Rt. Sta. 487+67.0	8.0			
Lt. Sta. 489+75.0	8.0			
Rt. Sta. 489+75.0			8.8	15
Rt. Sta. 490+17.0	8.0			
Lt. Sta. 492+25.0	8.0			
Rt. Sta. 492+67.0	8.0			
Lt. Sta. 494+75.0	8.0		8.8	15
Rt. Sta. 495+17.0	8.0			
Rt. Sta. 495+56.5	0.8			
Rt. Sta. 495+61.3			1.5	15
Lt. Sta. 496+50.0			1.5	15
Lt. Sta. 496+57.5	0.8			
Rt. Sta. 497+01.7	8.0			
Rt. Sta. 499+51.7	8.0		8.3	15
Lt. Sta. 500+33.6 to Sta. 505+14.9		482		
Rt. Sta. 500+33.6 to Sta. 501+72.6		139		
Rt. Sta. 500+42.6	11.2		8.3	15
Rt. Sta. 502+37.8 to Sta. 505+18.4		281		
Rt. Sta. 502+46.8	11.2			
Lt. Sta. 503+18.32			3.0	14
Lt. Sta. 505+05.9	11.2			
Lt. Sta. 505+96.8 to Sta. 508+77.8		281		
Rt. Sta. 505+98.5 to Sta. 512+02.2		604		
Rt. Sta. 506+07.5	11.2			
Lt. Sta. 508+68.8	11.2			
Rt. Sta. 508+98.5	11.2			
Lt. Sta. 509+56.8 to Sta. 512+04.0		247		
Lt. Sta. 511+95.0	11.2			
Rt. Sta. 512+82.8 to Sta. 515+71.4		289		
Lt. Sta. 512+84.4 to Sta. 515+76.5		292		
Lt. Sta. 512+91.8	11.2			
Lt. Sta. 514+76.7			3.0	14
Lt. Sta. 515+35.7	11.2			
TOTAL	238.4	4,168	98.3	258

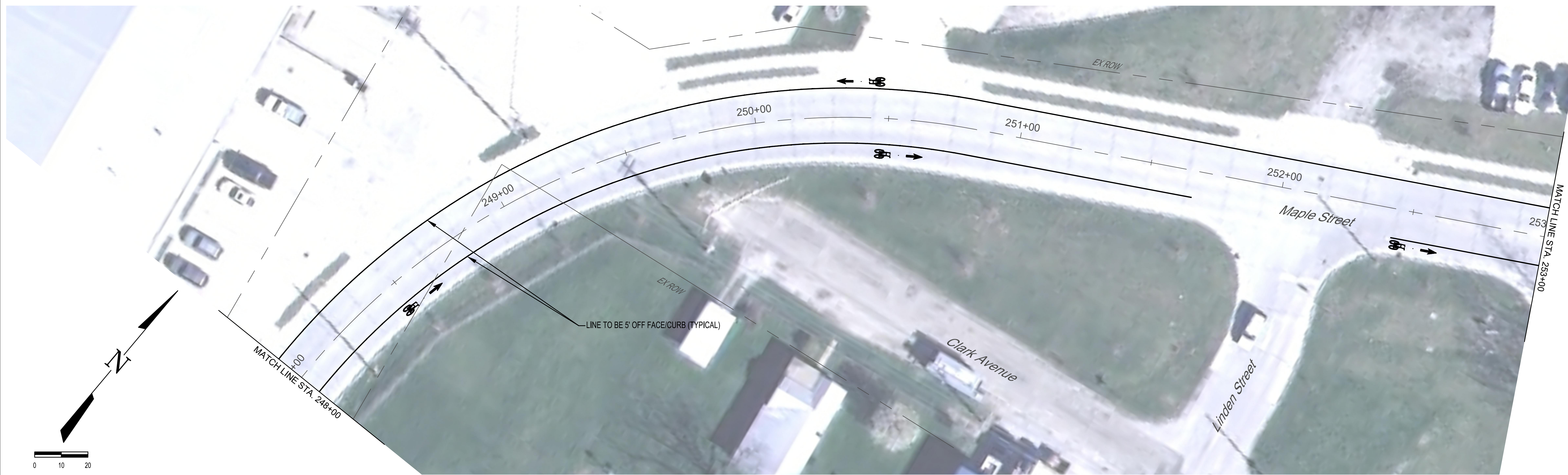
<p>MILANO & GRUNLOH ENGINEERS, LLC 114 W. WASHINGTON AVE. PO BOX 897 EFFINGHAM, IL 62401 Phone: (217) 347-7262 (800) 677-2714 Email: mgen@engr.com www.mgen.com Web: www.mgen.com Design Firm #184-003108</p>	<p>GROVE AVENUE PAVEMENT MARKING AND SIGNAGE PLAN SECTION 16-00141-00-BT CITY OF EFFINGHAM, ILLINOIS</p>
	<p>File name: S:\2016\16006\dwg\Grove.dwg Plot date: 6/22/2021 09:12</p>

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
S.B.I. FA.	16-00141-00-BT	EFFINGHAM	71	44
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT-		

CONTRACT #95822



STATION EQUATION
 STA. 243+00 (MAPLE STREET) =
 STA. 443+00 (WABASH AVENUE)
 (SEE WABASH AVENUE PLANS TO EAST)



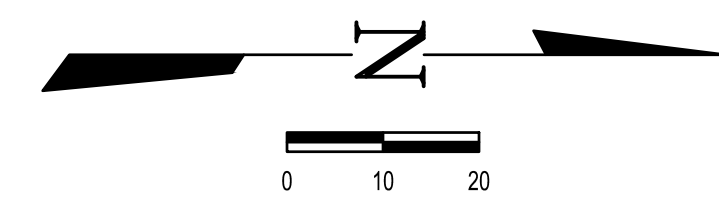
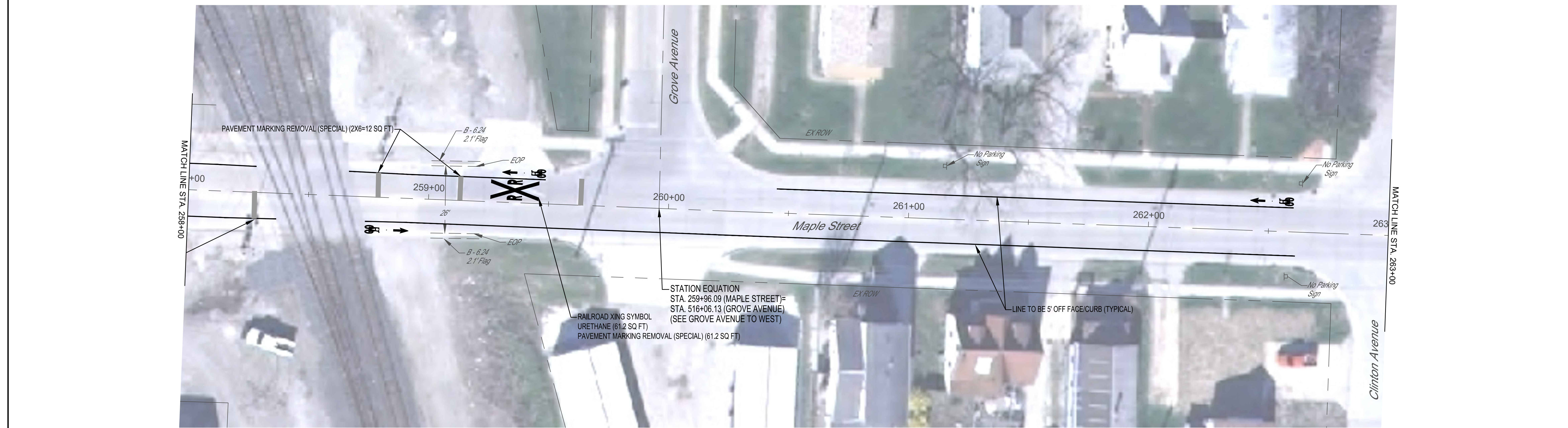
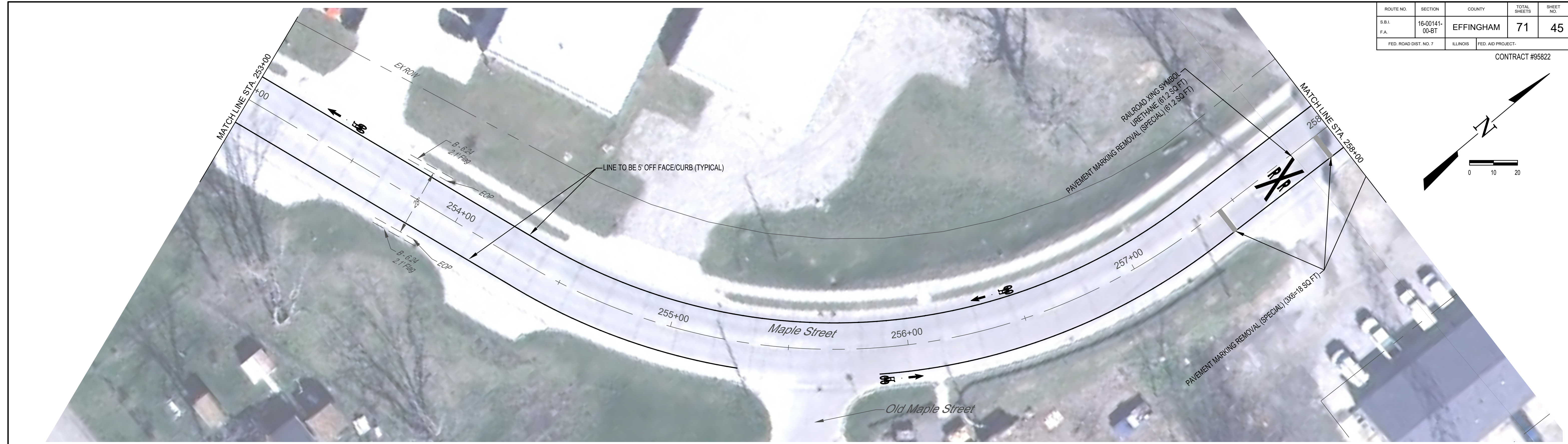
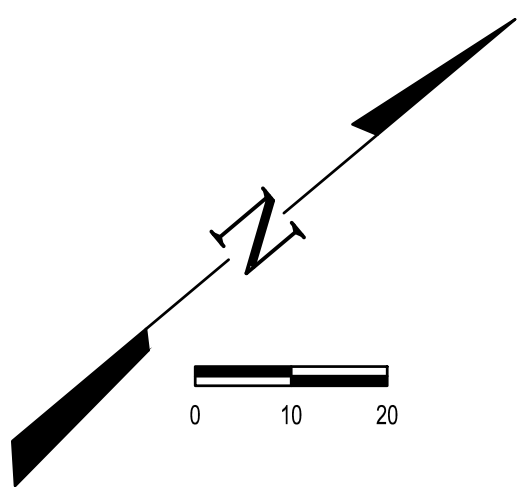
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MAPLE STREET
 PAVEMENT MARKING
 AND SIGNAGE PLAN
 SECTION 16-00141-00-BT
 CITY OF EFFINGHAM, ILLINOIS

File name: S:\2016\16006\dwg\Maple.dwg
 Plot date: 6/22/2021 09:13

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
S.B.I.	16-00141-00-BT	EFFINGHAM	71	45
F.A.		ILLINOIS	FED. AID PROJECT:	
FED. ROAD DIST. NO. 7				

CONTRACT #95822



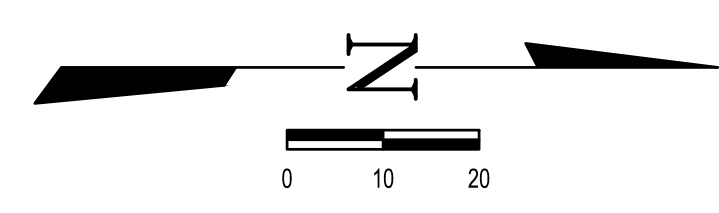
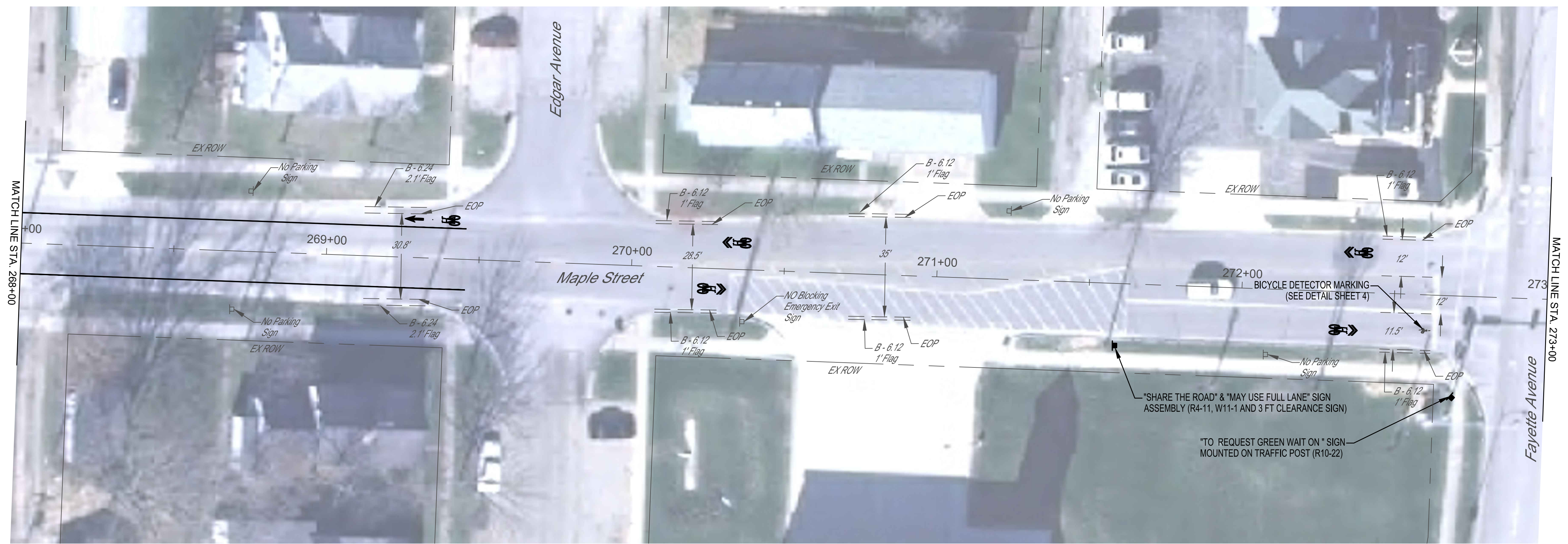
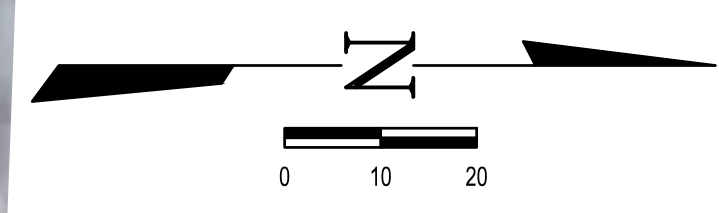
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**MAPLE STREET
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 CITY OF EFFINGHAM, ILLINOIS**

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ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
S.B.I. FA.	16-00141-00-BT	EFFINGHAM	71	46
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT-		

CONTRACT #95822



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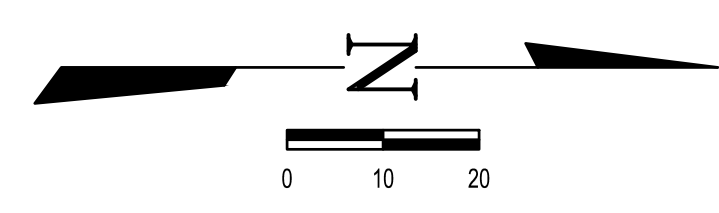
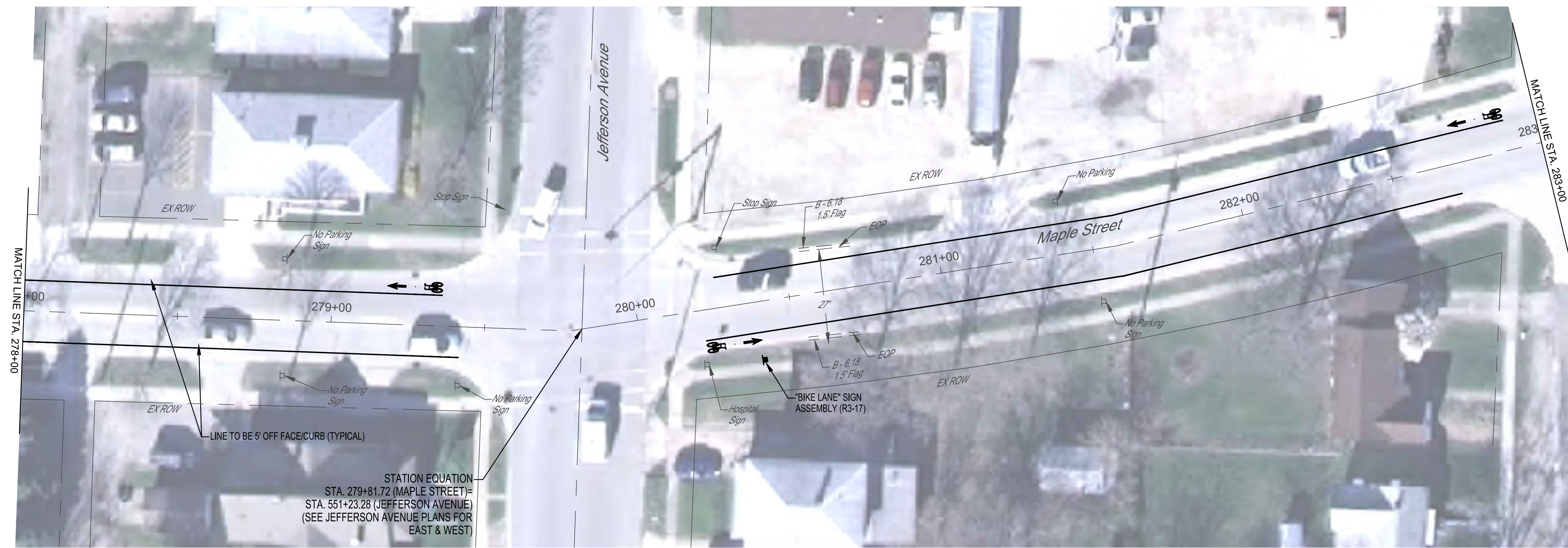
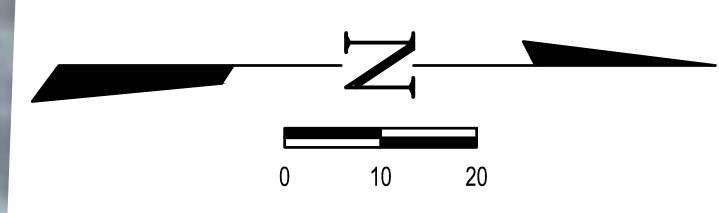
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**MAPLE STREET
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 SECTION 16-00141-00-BT
 CITY OF EFFINGHAM, ILLINOIS**

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ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
S.B.I. F.A.	16-00141-00-BT	EFFINGHAM	71	47
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT:		

CONTRACT #95822



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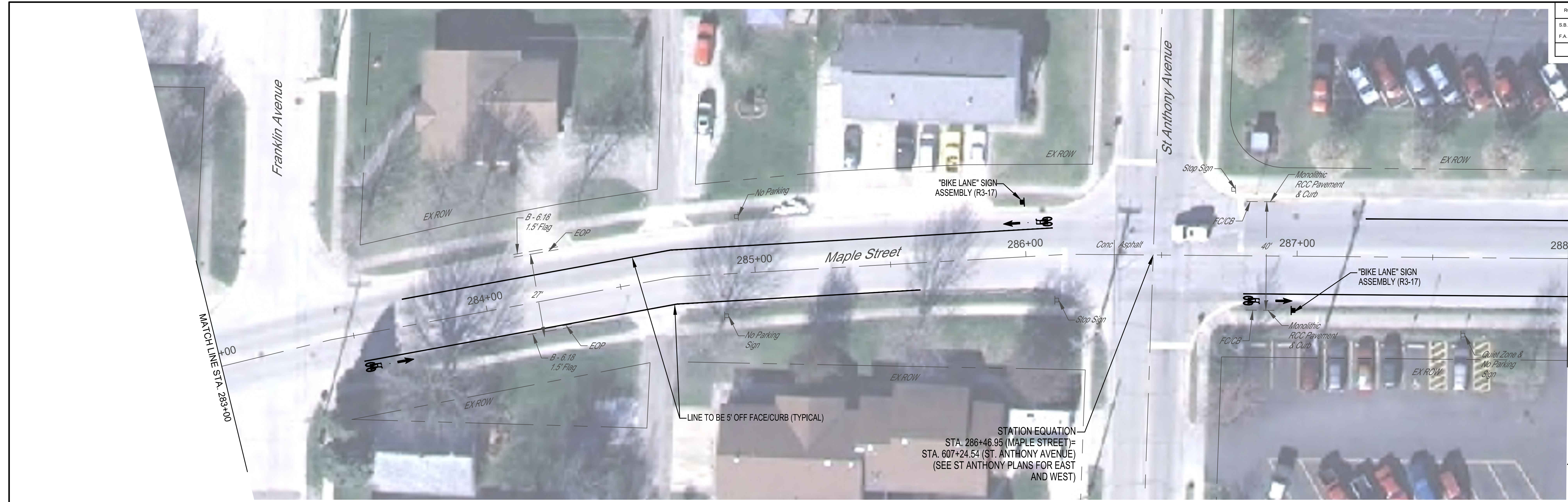
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MAPLE STREET
 PAVEMENT MARKING
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 SECTION 16-00141-00-BT
 CITY OF EFFINGHAM, ILLINOIS

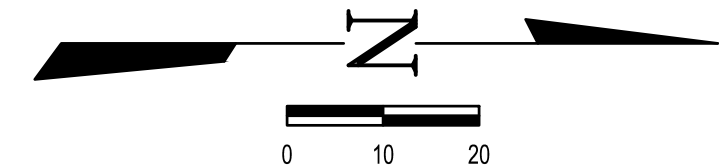
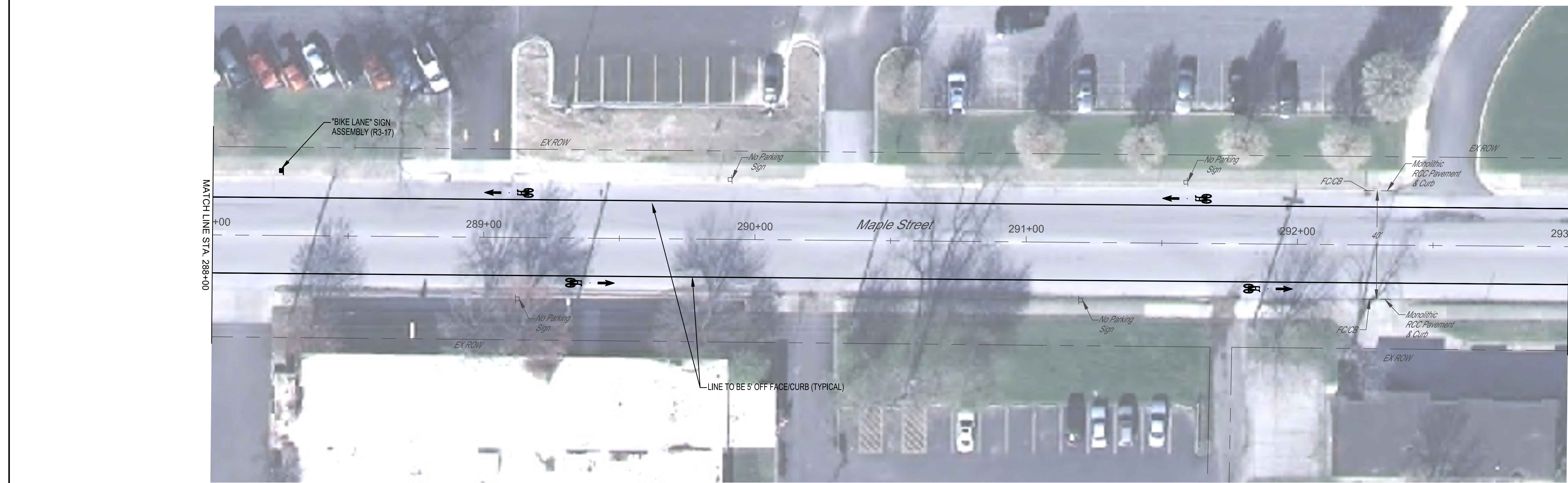
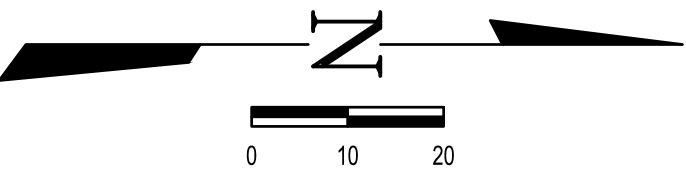
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ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
S.B.I. F.A.	16-00141-00-BT	EFFINGHAM	71	48
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT:		

CONTRACT #95822



STATION EQUATION
 STA. 286+46.95 (MAPLE STREET) =
 STA. 607+24.54 (ST. ANTHONY AVENUE)
 (SEE ST ANTHONY PLANS FOR EAST
 AND WEST)



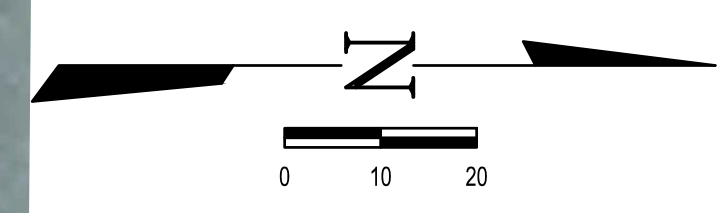
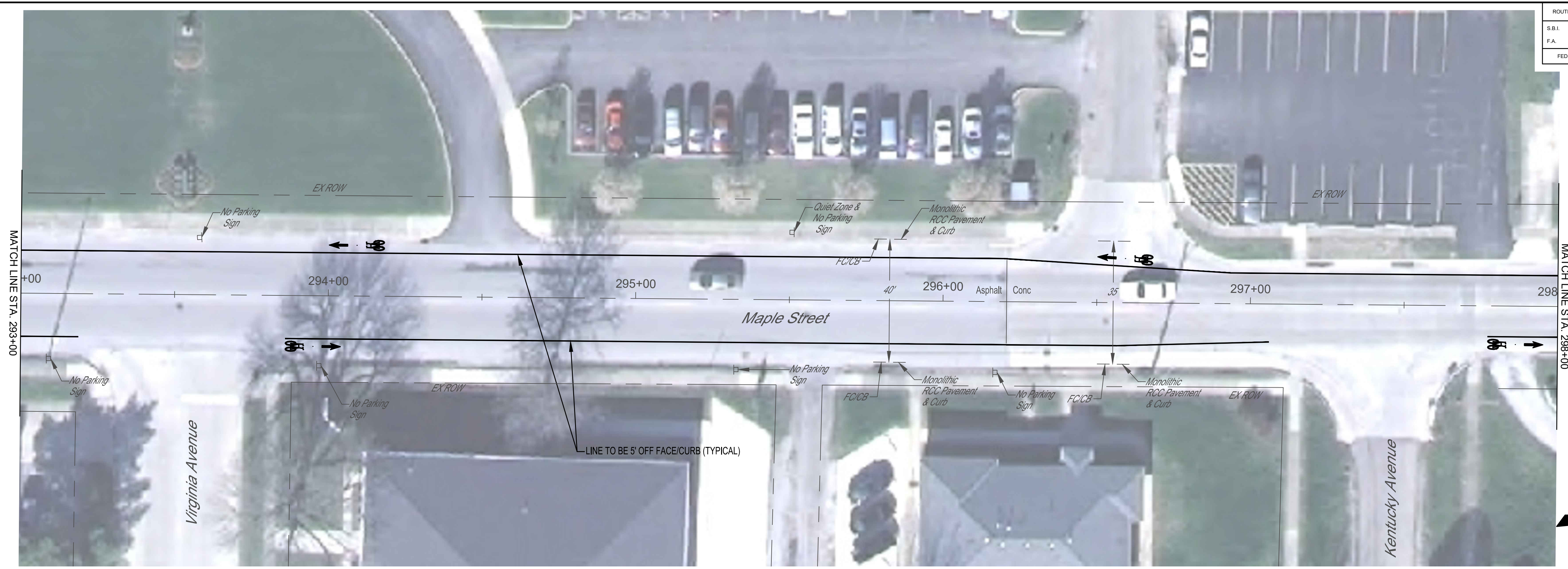
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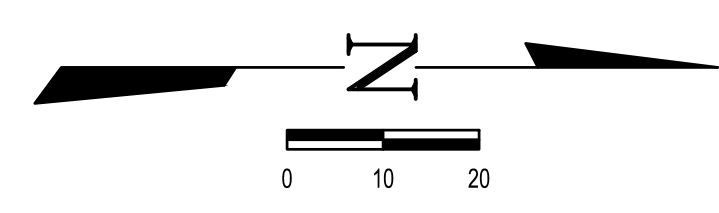
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ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
S.B.I. F.A.	16-00141-00-BT	EFFINGHAM	71	49
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT-		

CONTRACT #95822



STATION EQUATION
 STA. 299+51.79 (MAPLE STREET) =
 STA. 655+07.36 (TEMPLE AVENUE)
 (SEE TEMPLE AVENUE PLANS TO WEST)



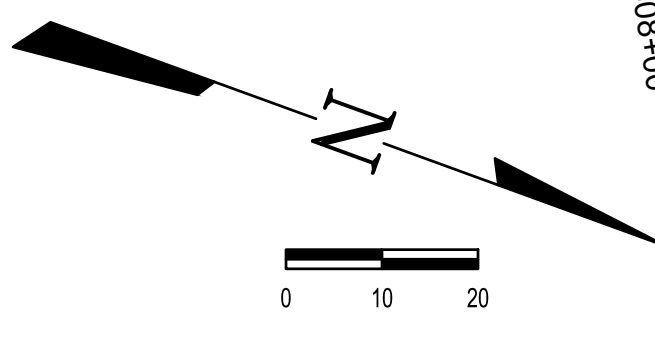
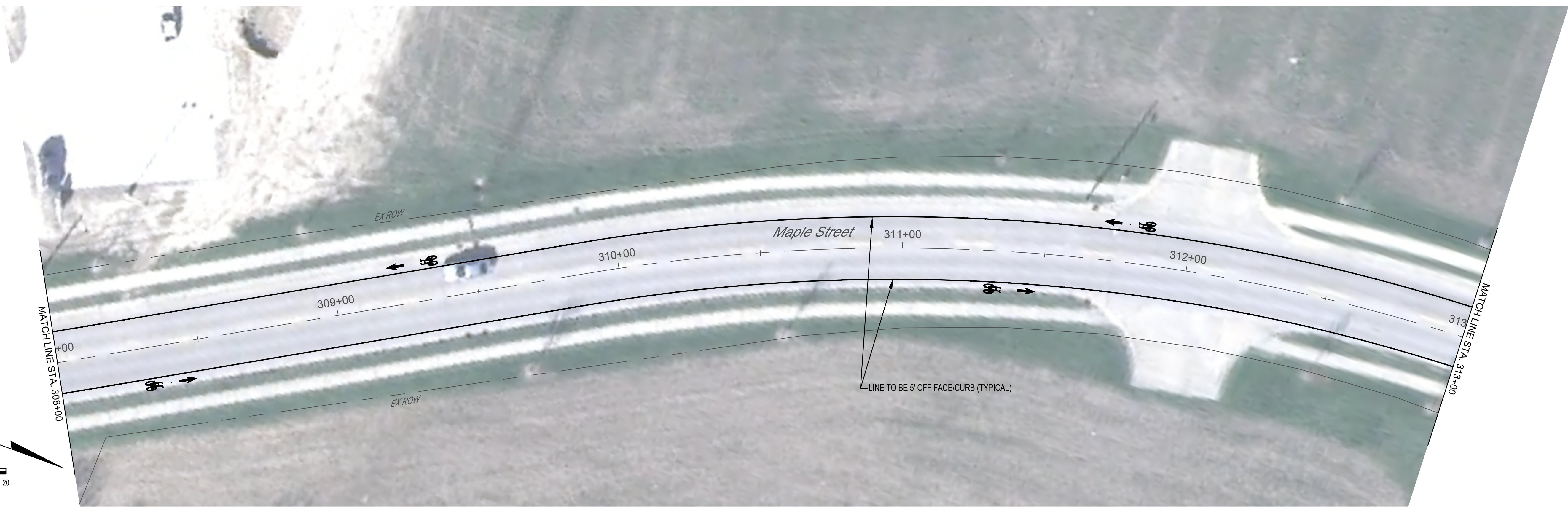
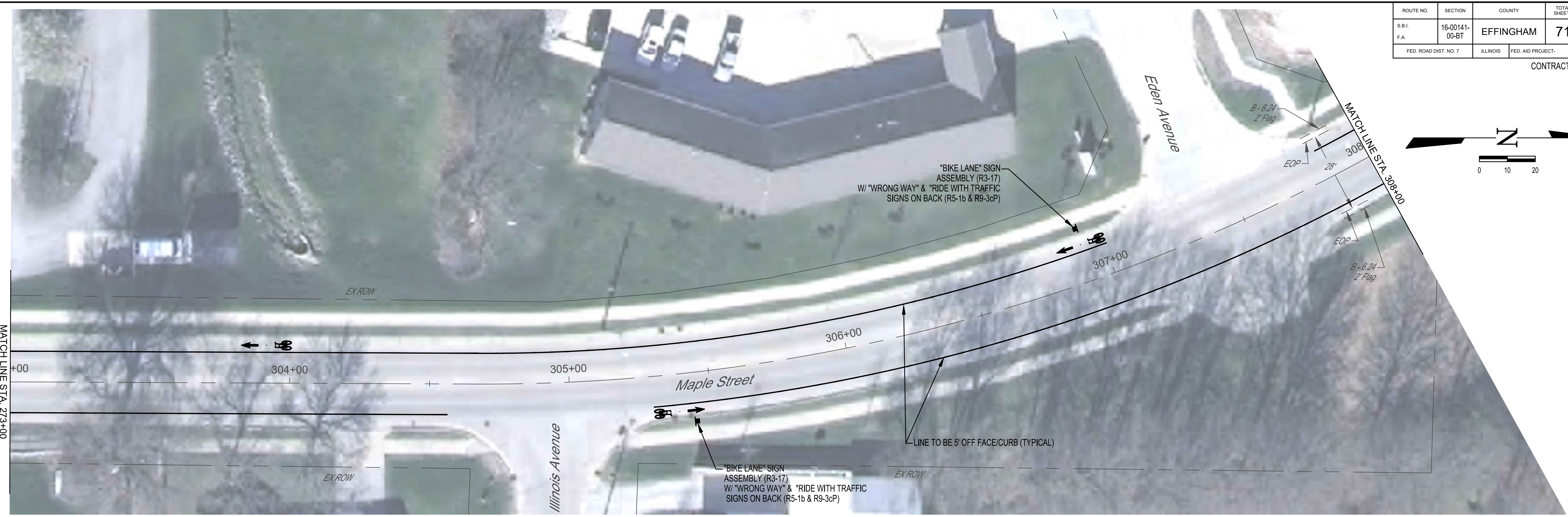
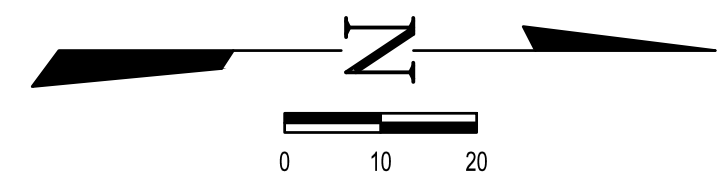
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 CITY OF EFFINGHAM, ILLINOIS

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ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
S.B.I. F.A.	16-00141-00-BT	EFFINGHAM	71	50
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT:		

CONTRACT #95822



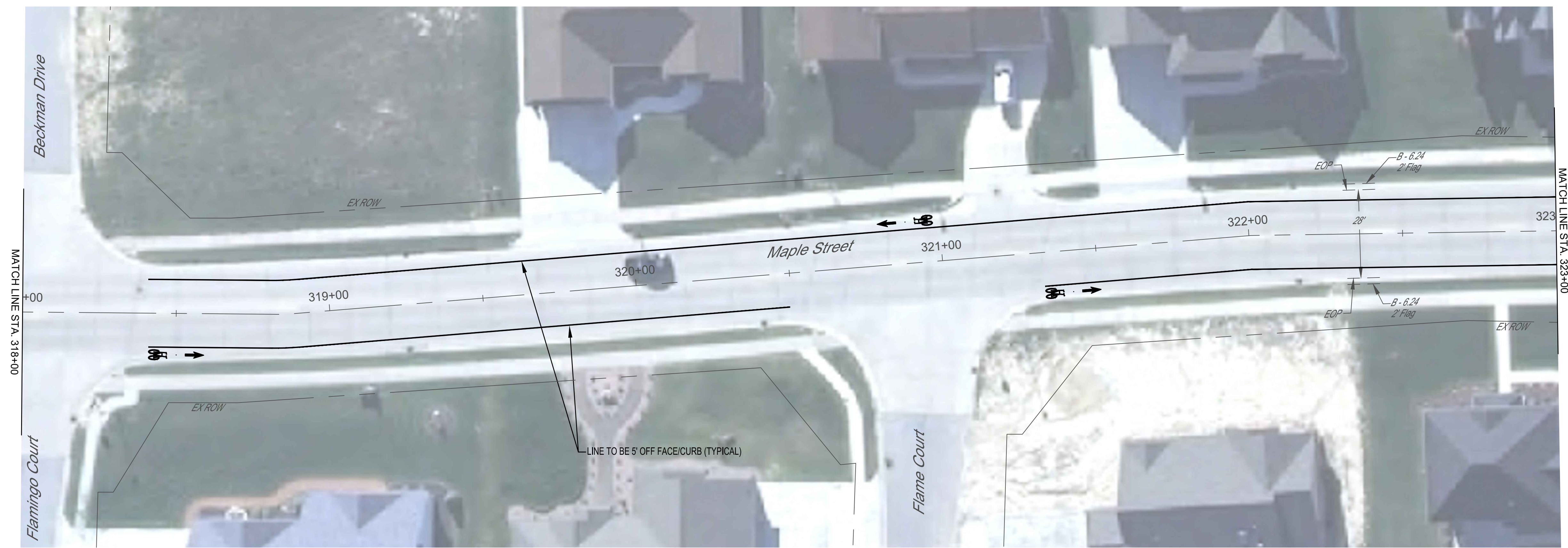
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ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
16-00141-00-BT	EFFINGHAM	71	51	
FED. ROAD DIST. NO. 7		ILLINOIS FED. AID PROJECT-		

CONTRACT #95822



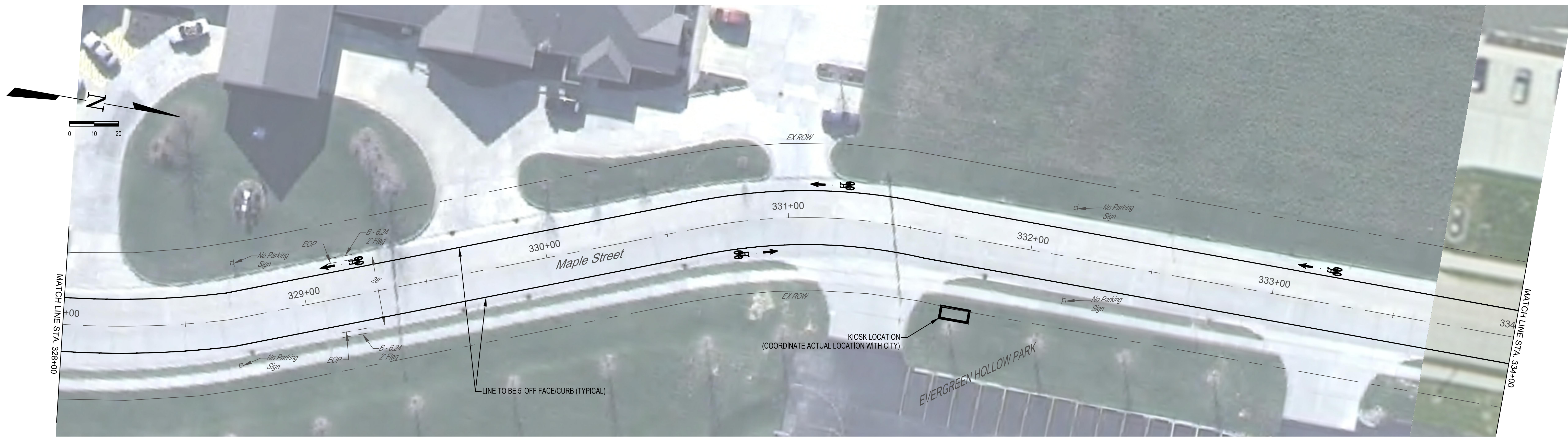
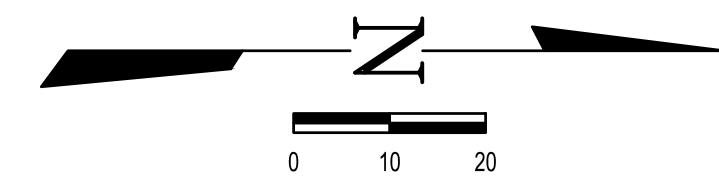
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ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
S.B.I. F.A.	16-00141-00-BT	EFFINGHAM	71	52
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT:		

CONTRACT #95822



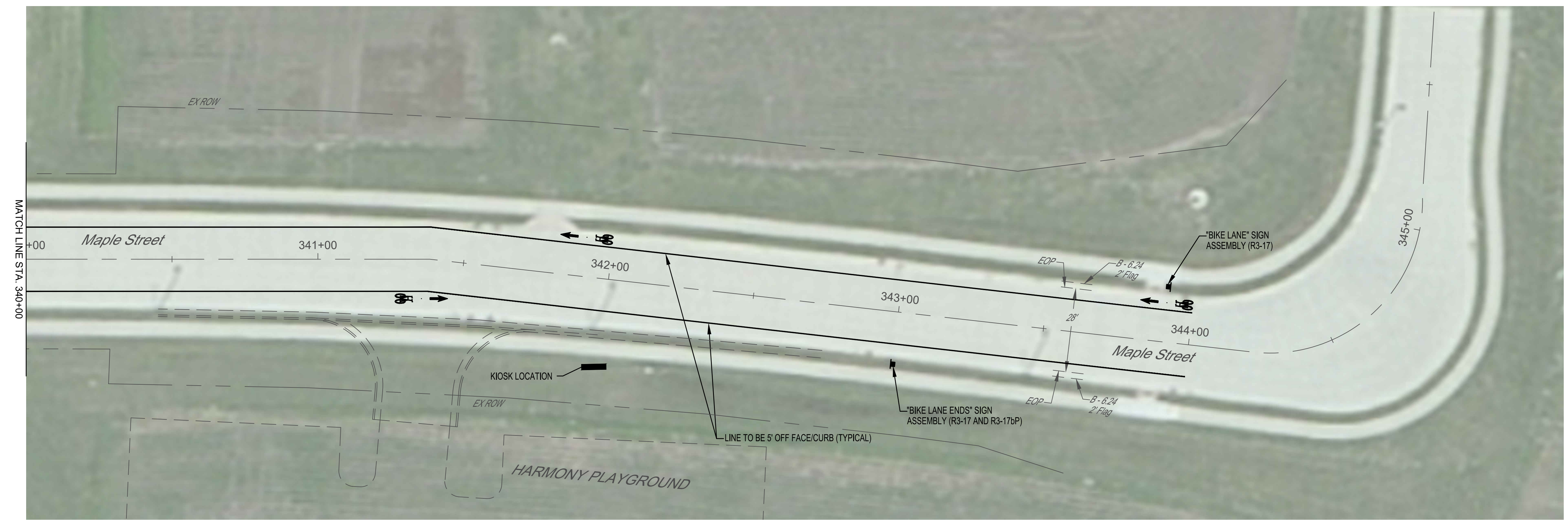
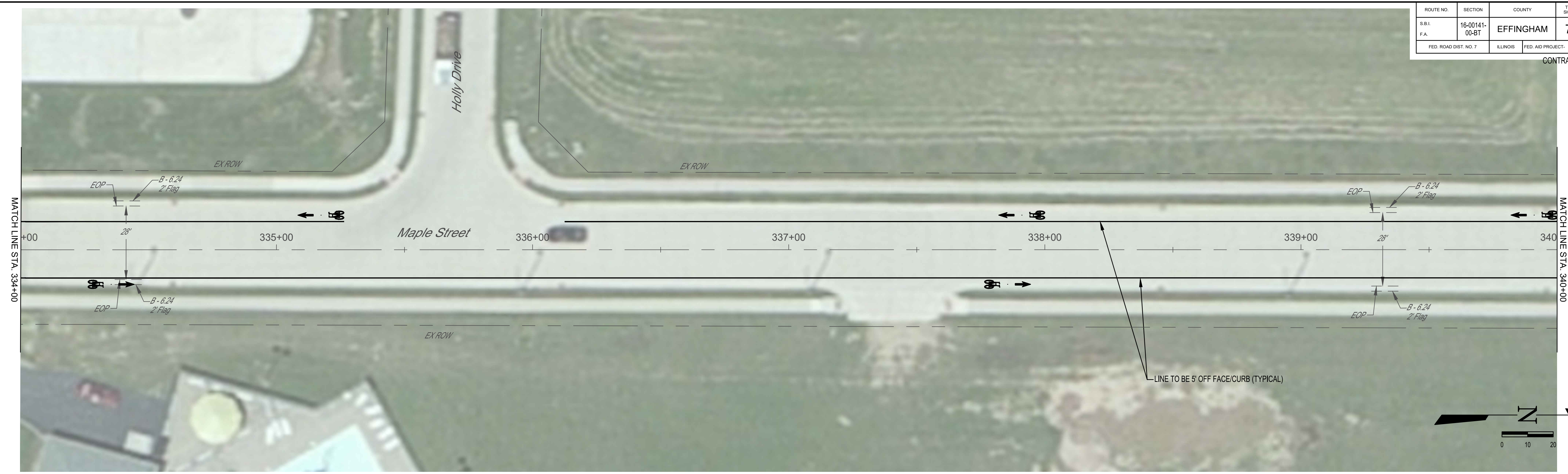
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**MAPLE STREET
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ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
S.B.I. F.A.	16-00141-00-BT	EFFINGHAM	71	53
FED. ROAD DIST. NO. 7	ILLINOIS		FED. AID PROJECT:	

CONTRACT #95822



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 SECTION 16-00141-00-BT
 CITY OF EFFINGHAM, ILLINOIS

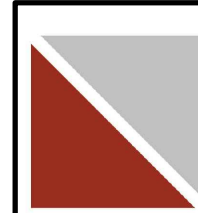
File name: S:\2016\16006\dwg\Maple.dwg
 Plot date: 6/22/2021 09:13

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
16-00141-00-BT	EFFINGHAM	71	71	54
FED. ROAD DIST. NO. 7		ILLINOIS	FED. AID PROJECT:	

CONTRACT #95822

LOCATION	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	MODIFIED URETHANE PAVEMENT MARKING - LETTERS AND SYMBOLS	MODIFIED URETHANE PAVEMENT MARKING - LINE 4"	SIGN PANEL - TYPE 1	TELESCOPING STEEL SIGN SUPPORT	PAVEMENT MARKING REMOVAL (SPECIAL)
	SQ FT	FOOT	SQ FT	FOOT	SQ FT	FOOT	SQ FT
Lt, Sta. 243+74.9 to Sta. 246+79.3				305			
Rt, Sta. 243+91.1 to Sta. 245+93.6				203			
Rt, Sta. 244+00.0			11.2				
Rt, Sta. 244+18.0					3.0	14	
Rt, Sta. 246+45.7 to Sta. 251+69.5				511			
Rt, Sta. 246+54.7			11.2				
Lt, Sta. 246+70.3			11.2				
Lt, Sta. 247+27.2 to Sta. 258+27.9				1,085			
Rt, Sta. 248+54.7			11.2				
Lt, Sta. 250+39.4			11.2				
Rt, Sta. 250+54.7			11.2				
Rt, Sta. 252+43.3 to Sta. 255+30.3				291			
Rt, Sta. 252+52.3			11.2				
Lt, Sta. 253+39.4			11.2				
Rt, Sta. 255+87.3 to Sta. 258+36.9				235			
Rt, Sta. 255+95.8			11.2				
Lt, Sta. 256+39.4			11.2				
Rt, Sta. 257+42.0 to Sta. 258+29.0			61.2				79.2
Lt, Sta. 258+77.84 to Sta. 259+46.3			61.2				73.2
Lt, Sta. 258+66.5 to Sta. 259+48.4				82			
Rt, Sta. 258+73.9 to Sta. 262+61.4				388			
Rt, Sta. 258+83.0			11.2				
Lt, Sta. 259+39.4			11.2				
Lt, Sta. 260+44.8 to Sta. 262+60.1				215			
Lt, Sta. 262+51.1			11.2				
Lt, Sta. 263+40.7 to Sta. 265+91.7				251			
Rt, Sta. 263+51.3			11.2				
Rt, Sta. 263+42.3 to Sta. 265+96.3				254			
Lt, Sta. 265+82.6			11.2				
Rt, Sta. 266+74.4 to Sta. 268+24.7				271			
Lt, Sta. 266+77.3 to Sta. 268+25.0				269			
Rt, Sta. 266+83.4			11.2				
Rt, Sta. 267+50.0					4.3	15	
Lt, Sta. 267+84.7					3.0	14	
Lt, Sta. 269+34.3			11.2				
Rt, Sta. 270+22.5			8.0				
Lt, Sta. 270+34.3			8.0				
Rt, Sta. 271+59.0					15.00	17	
Rt, Sta. 272+32.2			8.0				
Lt, Sta. 272+37.9			8.0				
Rt, Sta. 272+59.6			0.8				
Rt, Sta. 272+69.7					1.5	15	
Lt, Sta. 273+49.9			0.8		1.5	15	
Rt, Sta. 273+67.5			8.0				
Lt, Sta. 274+53.3			8.0		15.00	17	
Lt, Sta. 276+75.4 to Sta. 279+35.9				361			
Lt, Sta. 276+75.4 to Sta. 279+41.9				367			
Rt, Sta. 276+83.7			11.2		3.0	14	
Lt, Sta. 277+00.4					6.8	15	
Lt, Sta. 279+26.9			11.2				
Rt, Sta. 280+21.1 to Sta. 282+71.1				251			
Lt, Sta. 280+26.6 to Sta. 282+89.5				262			
Rt, Sta. 280+30.1			11.2				
Rt, Sta. 280+39.2					3.0	15	
Lt, Sta. 282+80.5			11.2				
Rt, Sta. 283+52.2 to Sta. 285+60.4				207			
Rt, Sta. 283+61.2			11.2				
Lt, Sta. 283+69.9 to Sta. 286+10.4				242			
Lt, Sta. 286+01.4			11.2		3.0	14	
Rt, Sta. 286+80.3 to Sta. 293+18.7		639					
Rt, Sta. 286+89.3	11.2						
Rt, Sta. 286+98.7					3.0	15	
Lt, Sta. 287+25.2 to Sta. 296+20.0		896					
Lt, Sta. 288+25.2					3.0	15	
Lt, Sta. 289+09.2	11.2						
Rt, Sta. 289+39.3	11.2						
Lt, Sta. 291+59.2	11.2						
Sub-Total	44.8	1,535	429.6	6,050	65.1	195.0	152.4

LOCATION	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	MODIFIED URETHANE PAVEMENT MARKING - LETTERS AND SYMBOLS	MODIFIED URETHANE PAVEMENT MARKING - LINE 4"	SIGN PANEL - TYPE 1	TELESCOPING STEEL SIGN SUPPORT	PAVEMENT MARKING REMOVAL (SPECIAL)
	SQ FT	FOOT	SQ FT	FOOT	SQ FT	FOOT	SQ FT
Rt, Sta. 291+89.3	11.2						
Rt, Sta. 293+86.1 to Sta. 296+20.0		235					
Rt, Sta. 293+95.1	11.2						
Lt, Sta. 294+09.2	11.2						
Lt, Sta. 296+20.7 to Sta. 299+18.2				298			
Lt, Sta. 296+20.7 to Sta. 297+06.1				85			
Lt, Sta. 296+59.2			11.2				
Rt, Sta. 297+77.3 to Sta. 299+20.3				143			
Lt, Sta. 299+09.2			11.2				
Lt, Sta. 299+80.5 to Sta. 307+00.8				716			
Rt, Sta. 299+85.1 to Sta. 301+82.2				197			
Rt, Sta. 299+94.1			11.2		3.0	14	
Lt, Sta. 300+91.6			11.2				
Rt, Sta. 302+49.1 to Sta. 304+56.5				207			
Rt, Sta. 302+58.1			11.2				
Lt, Sta. 303+91.6			11.2				
Rt, Sta. 305+29.4 to Sta. 314+72.2				942			
Rt, Sta. 305+38.3			11.2				
Rt, Sta. 305+44.1					5.5	15	
Lt, Sta. 306+91.6			11.2		5.5	15	
Lt, Sta. 307+83.5 to Sta. 314+67.6				690			
Rt, Sta. 308+38.3			11.2				
Lt, Sta. 309+28.6			11.2				
Rt, Sta. 311+38.3			11.2				
Lt, Sta. 311+78.6			11.2				
Lt, Sta. 314+58.6			11.2				
Rt, Sta. 315+39.6 to Sta. 317+58.0				216			
Lt, Sta. 315+42.2 to Sta. 317+58.0				219			
Rt, Sta. 315+48.6			11.2				
Lt, Sta. 317+49.0			11.2				
Lt, Sta. 318+40.9 to Sta. 323+47.6				506			
Rt, Sta. 318+41.0 to Sta. 320+49.3				209			
Rt, Sta. 318+50.0			11.2				
Lt, Sta. 320+88.8			11.2				
Rt, Sta. 321+32.7 to Sta. 323+45.3				312			
Rt, Sta. 321+41.7			11.2				
Lt, Sta. 323+38.6			11.2				
Rt, Sta. 324+26.5 to Sta. 326+36.2				209			
Lt, Sta. 324+29.6 to Sta. 326+08.2				179			
Lt, Sta. 325+99.2			11.2		3.0	14	
Rt, Sta. 327+26.4 to Sta. 344+00.0				1,673			
Rt, Sta. 327+35.4			11.2		3.0	14	
Lt, Sta. 327+47.2 to Sta. 335+26.4				779			
Lt, Sta. 329+17.4			11.2				
Rt, Sta. 330+85.4			11.2				
Lt, Sta. 331+17.4			11.2				
Lt, Sta. 333+17.4			11.2				
Lt, Sta. 335+17.4			11.2				
Lt, Sta. 336+12.6 to Sta. 344+00				789			
Rt, Sta. 337+85.4			11.2				
Lt, Sta. 337+91.0			11.2				
Lt, Sta. 339+91.0			11.2				
Rt, Sta. 341+35.4			11.2				
Lt, Sta. 341+91.0			11.2				
Rt, Sta. 343+00.0					4.3	15	
Lt, Sta. 343+91.0			11.2		3.0	14	
Sub-Total	33.6	235	358.4	8,369	27.3	101.0	0.0
TOTAL	78.4	1,770	788.0	14,419	92.4	296.0	152.4



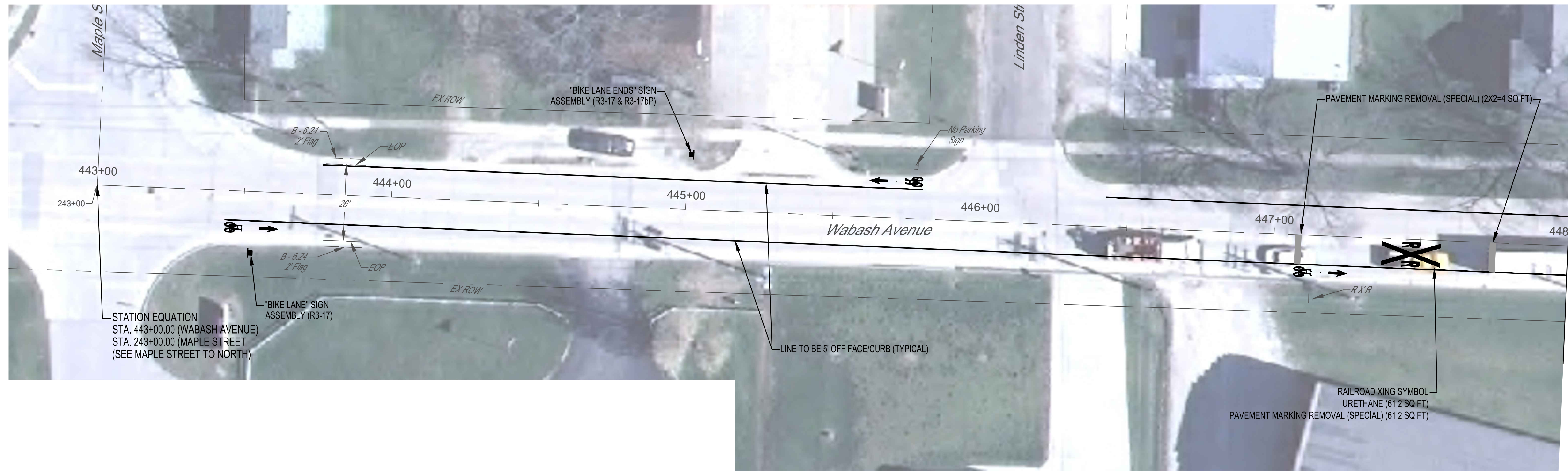
MILANO & GRUNLOH ENGINEERS, LLC
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 Email: mgen@mgengineers.com
 Web: www.mgengineers.com
 Design Firm #184-003108

**MAPLE STREET
 PAVEMENT MARKING
 AND SIGNAGE PLAN
 SECTION 16-00141-00-BT
 CITY OF EFFINGHAM, ILLINOIS**

File name: S:\2016\16006\dwg\Maple.dwg
 Plot date: 6/22/2021 09:13

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
S.B.I. FA.	16-00141-00-BT	EFFINGHAM	71	55
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT:		

CONTRACT #95822



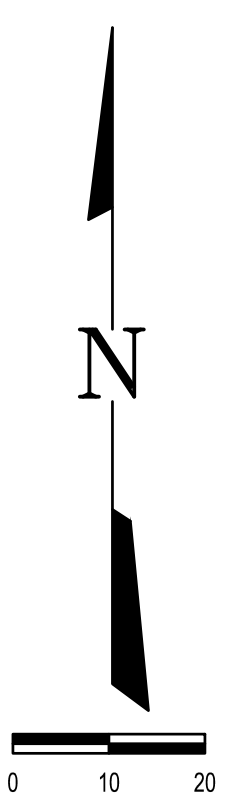
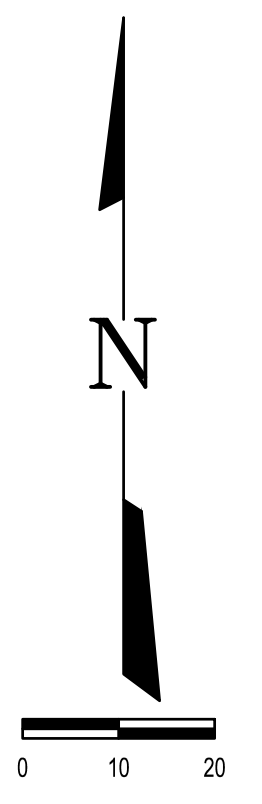
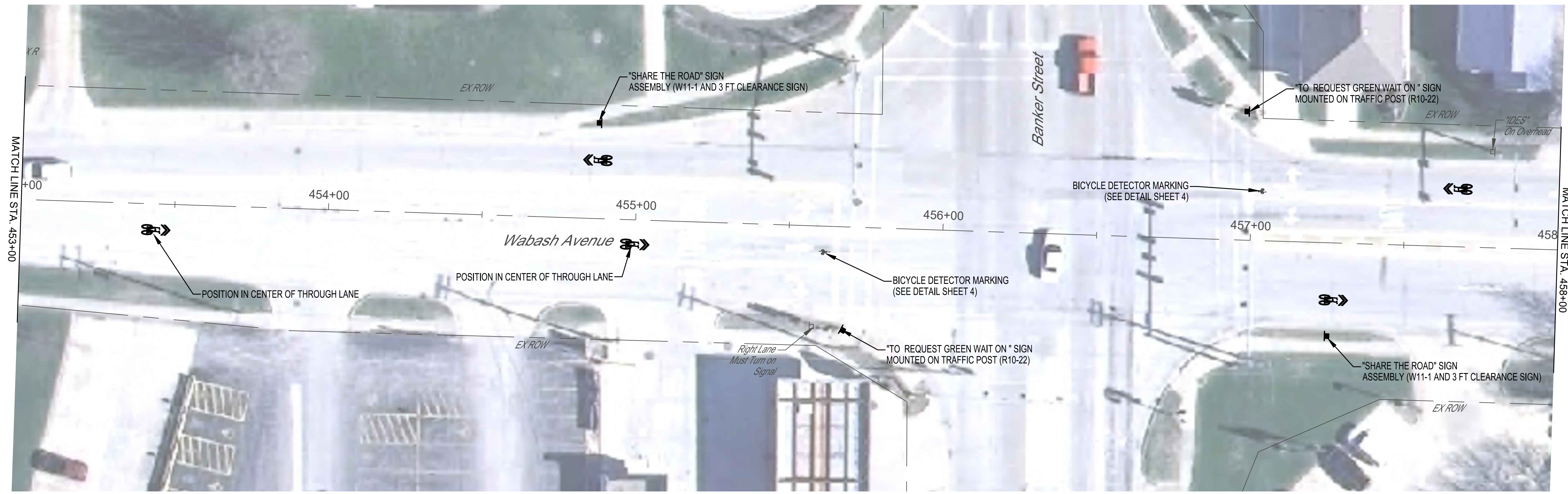
MILANO & GRUNLOH ENGINEERS, LLC
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**WABASH AVENUE
 PAVEMENT MARKING
 AND SIGNAGE PLAN
 SECTION 16-00141-00-BT
 CITY OF EFFINGHAM, ILLINOIS**

File name: S:\2016\16006\dwg\Wabash.dwg
 Plot date: 08/18 at 00:00

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
S.B.I. F.A.	16-00141-00-BT	EFFINGHAM	71	56
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT-		

CONTRACT #95822

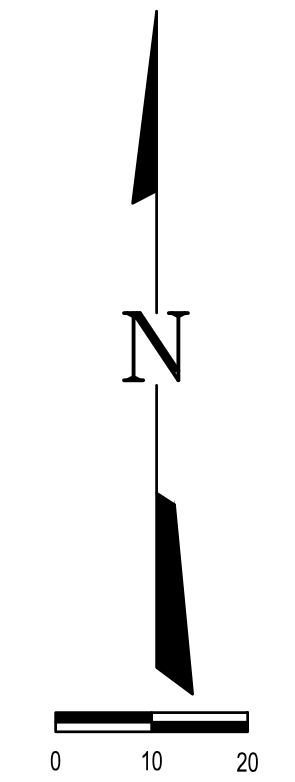
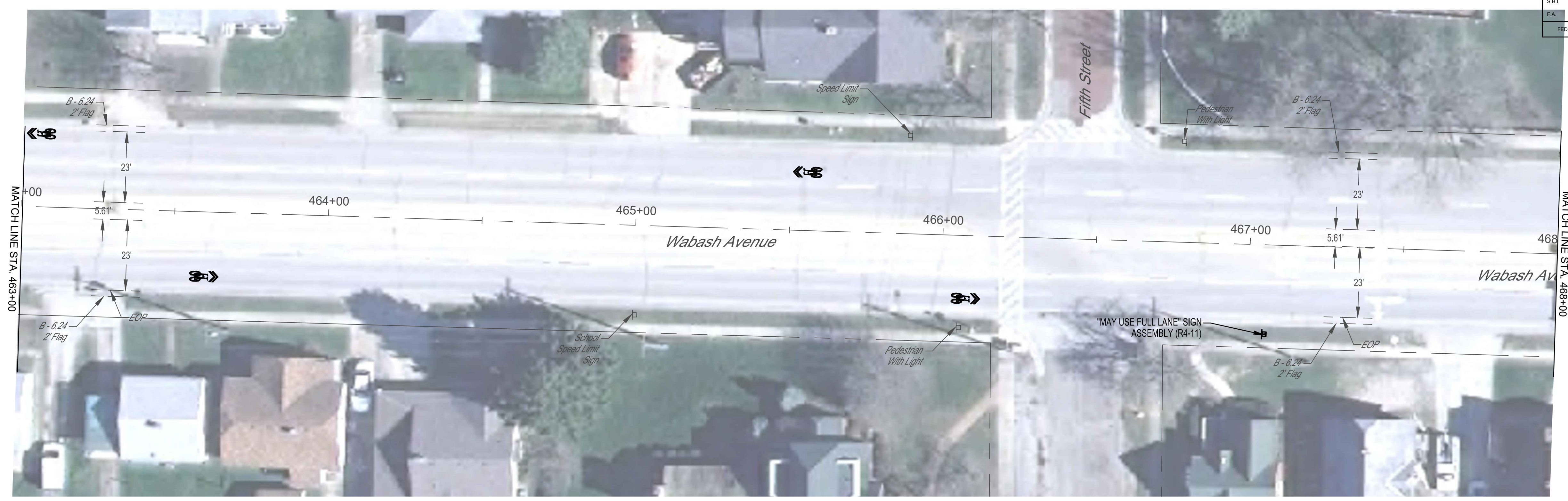


Note: All markings and signage placement shall be according to MUTCD (Manual on Uniform Traffic Control Devices) 2009 Edition. It is preferable to place the R10-22 (To Request Green Wait on "symbol") on the shown traffic signal post. If conflict arises on the traffic signal post the said sign shall be mounted on a telescoping steel sign support with a minimum of 7' clearance below the bottom of the sign (An allowed quantity has been shown for each location, which may be deleted if post mounted). If mounted on a sign support the said sign shall also not block visibility to any existing signals or other signage. Final placement shall be coordinated with the Engineer

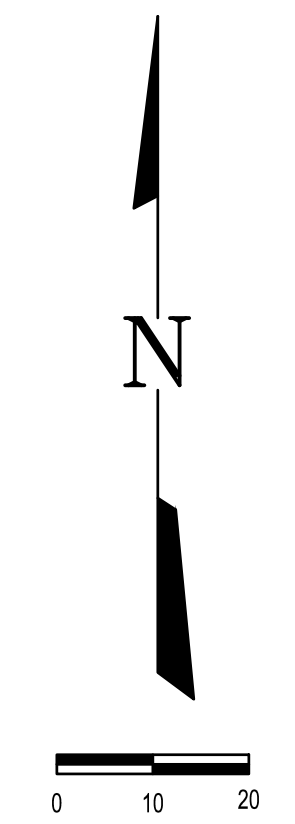
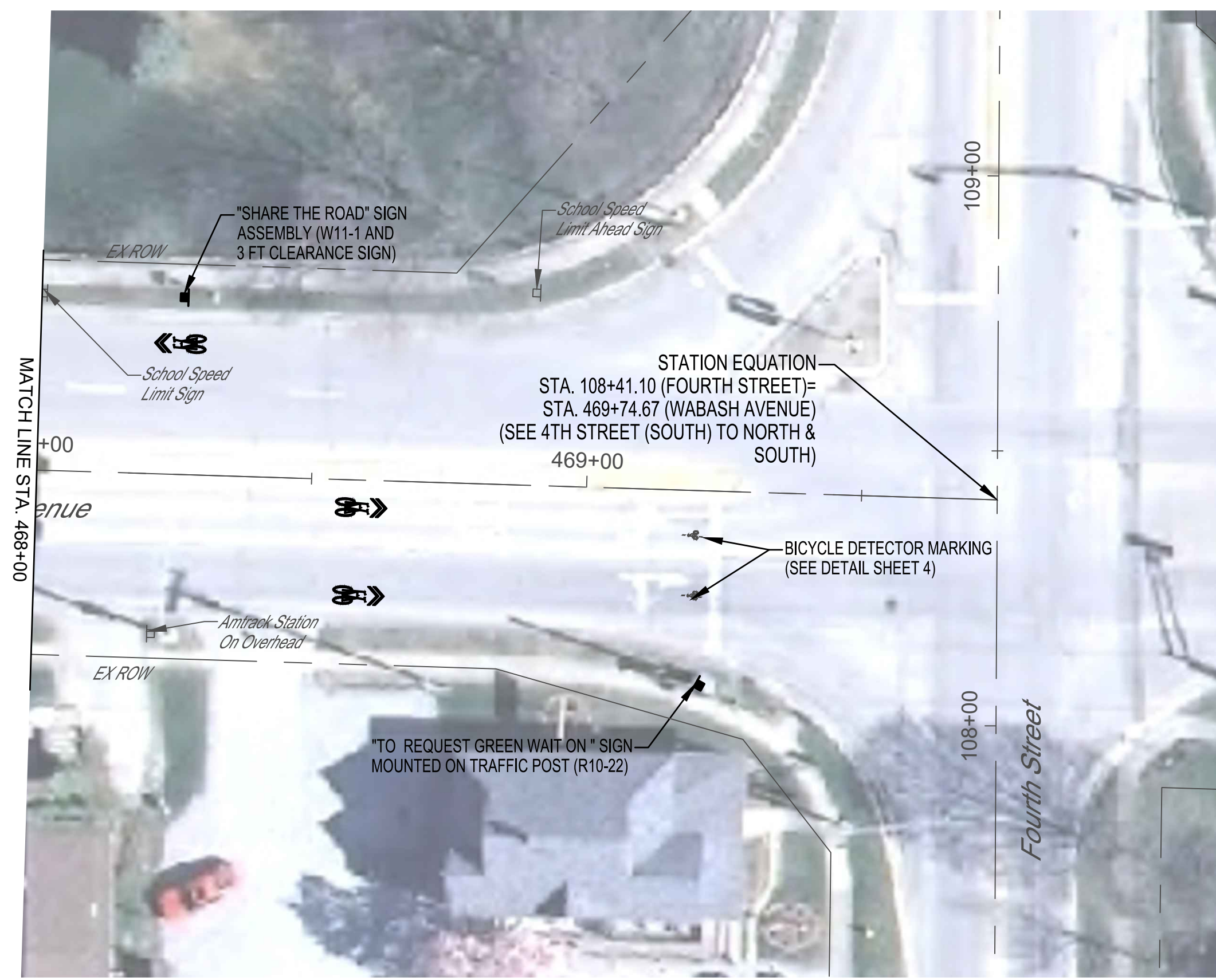
MILANO & GRUNLOH ENGINEERS, LLC
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 Design Firm #184-003108

**WABASH AVENUE
 PAVEMENT MARKING
 AND SIGNAGE PLAN
 SECTION 16-00141-00-BT
 CITY OF EFFINGHAM, ILLINOIS**

File name: S:\2016\16006\dwg\Wabash.dwg
 Plot date: 08/18 at 00:00



LOCATION	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	MODIFIED URETHANE PAVEMENT MARKING - LETTERS AND SYMBOLS	MODIFIED URETHANE PAVEMENT MARKING - LINE 4"	SIGN PANEL - TYPE 1	TELESCOPING STEEL SIGN SUPPORT	PAVEMENT MARKING REMOVAL (SPECIAL)
	SQ FT	FOOT	SQ FT	FOOT	SQ FT	FOOT	SQ FT
Rt, Sta. 443+43.7 to Sta. 450+11.1			11.2	667	3.0	14	
Rt, Sta. 443+52.7							
Lt, Sta. 443+76.3 to Sta. 445+80.2				204			
Lt, Sta. 445+01.3					4.3	15	
Lt, Sta. 445+71.2			11.2				
Lt, Sta. 446+42.5 to Sta. 450+15.3				373			
Lt & Rt, Sta. 447+07.0 to Sta. 450+33.2			61.2				69.2
Rt, Sta. 447+16.2			11.2				
Rt, Sta. 448+47.9					4.3	15	
Rt, Sta. 450+21.3 to Sta. 450+73.7				53			
Lt, Sta. 450+25.6 to Sta. 450+73.7				48			
Lt, Sta. 450+73.7 to Sta. 451+00.0		27					
Rt, Sta. 450+73.7 to Sta. 451+00.0		27					
Lt, Sta. 450+91.0	11.2				3.0	14	
Rt, Sta. 451+48.3	8.0				15.0	18	
Lt, Sta. 452+37.0	8.0						
Rt, Sta. 453+44.4	8.0						
Lt, Sta. 454+87.0	8.0				6.3	17	
Rt, Sta. 455+00.0	8.0						
Rt, Sta. 455+61.2	0.8						
Rt, Sta. 455+67.8					1.5	15	
Lt, Sta. 456+98.5	0.8						
Lt, Sta. 457+03.1					1.5	15	
Rt, Sta. 457+26.0	8.0				8.8	17	
Lt, Sta. 457+66.9	8.0				8.8	17	
Lt, Sta. 459+06.9	8.0				6.3	15	
Rt, Sta. 459+33.0	8.0						
Lt, Sta. 460+55.9	8.0						
Rt, Sta. 461+41.7	8.0						
Lt, Sta. 463+05.9	8.0						
Rt, Sta. 463+59.2	8.0						
Lt, Sta. 465+55.9	8.0						
Rt, Sta. 466+09.2	8.0						
Rt, Sta. 466+07.9	8.0						
Rt, Sta. 467+04.6					6.3	15	
Lt, Sta. 468+25.4	8.0				8.8	17	
Rt, Sta. 468+59.2	16.0						
Rt, Sta. 469+20.1	1.2				1.5	15	
TOTAL	166.0	54	94.8	1,345	77.9	204.0	69.2



Note: All markings and signage placement shall be according to MUTCD (Manual on Uniform Traffic Control Devices) 2009 Edition. It is preferable to place the R10-22 (To Request Green Wait on "symbol") on the shown traffic signal post. If conflict arises on the traffic signal post the said sign shall be mounted on a telescoping steel sign support with a minimum of 7' clearance below the bottom of the sign (An allowed quantity has been shown for each location, which may be deleted if post mounted). If mounted on a sign support the said sign shall also not block visibility to any existing signals or other signage. Final placement shall be coordinated with the Engineer

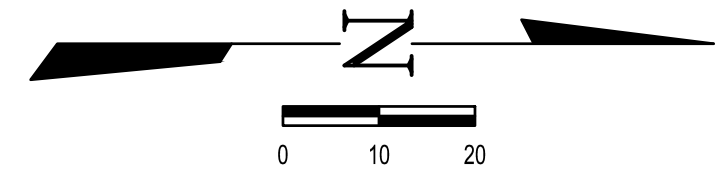
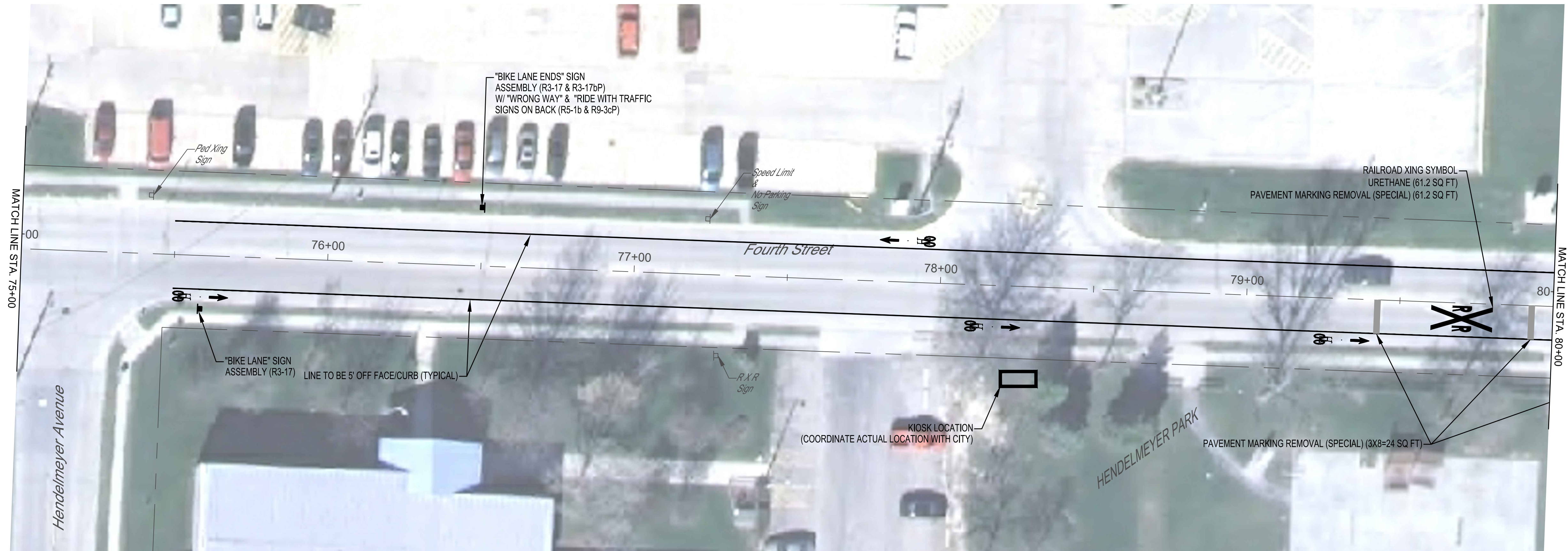
MILANO & GRUNLOH ENGINEERS, LLC
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 Design Firm #184-003108

**WABASH AVENUE
 PAVEMENT MARKING
 AND SIGNAGE PLAN
 SECTION 16-00141-00-BT
 CITY OF EFFINGHAM, ILLINOIS**

File name: S:\2016\16006\dwg\Wabash.dwg
 Plot date: 08/18 at 00:00

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
S.B.I. F.A.	16-00141-00-BT	EFFINGHAM	71	58
FED. ROAD DIST. NO. 7	ILLINOIS		FED. AID PROJECT:	

CONTRACT #95822



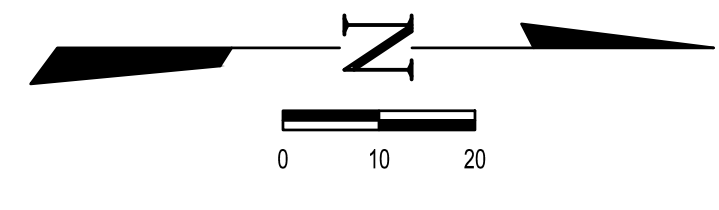
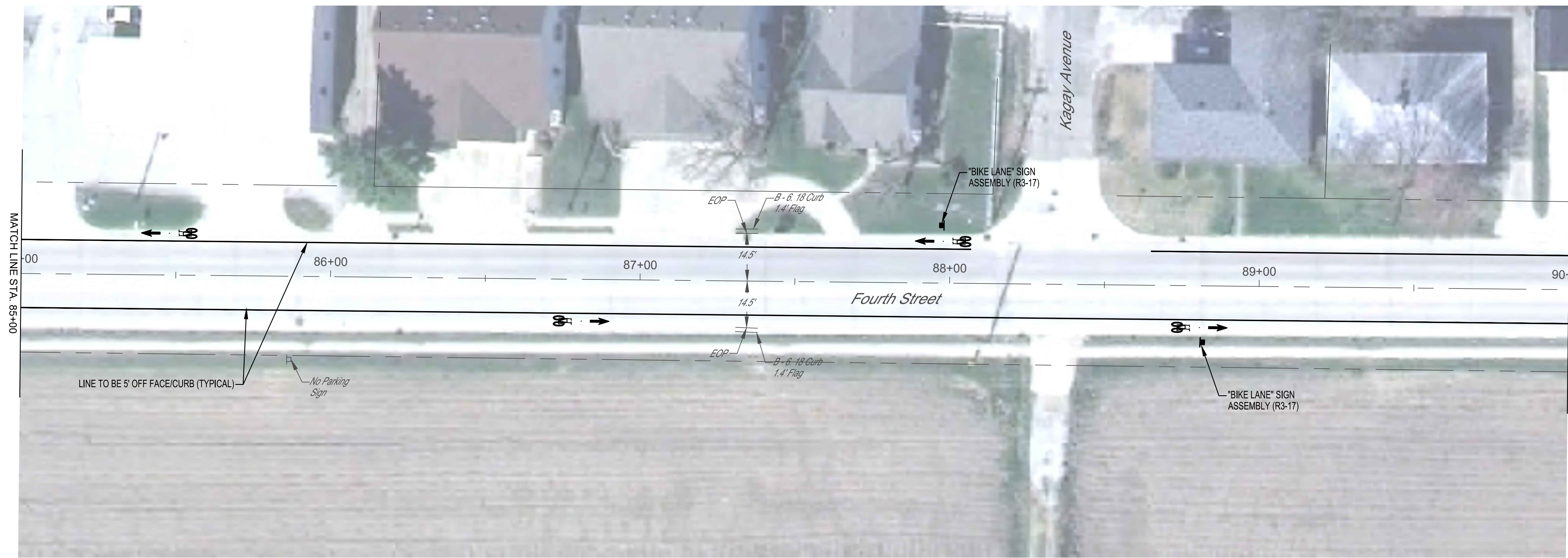
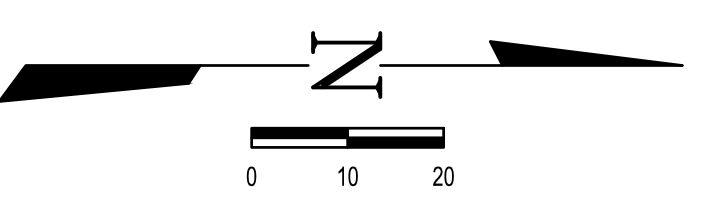
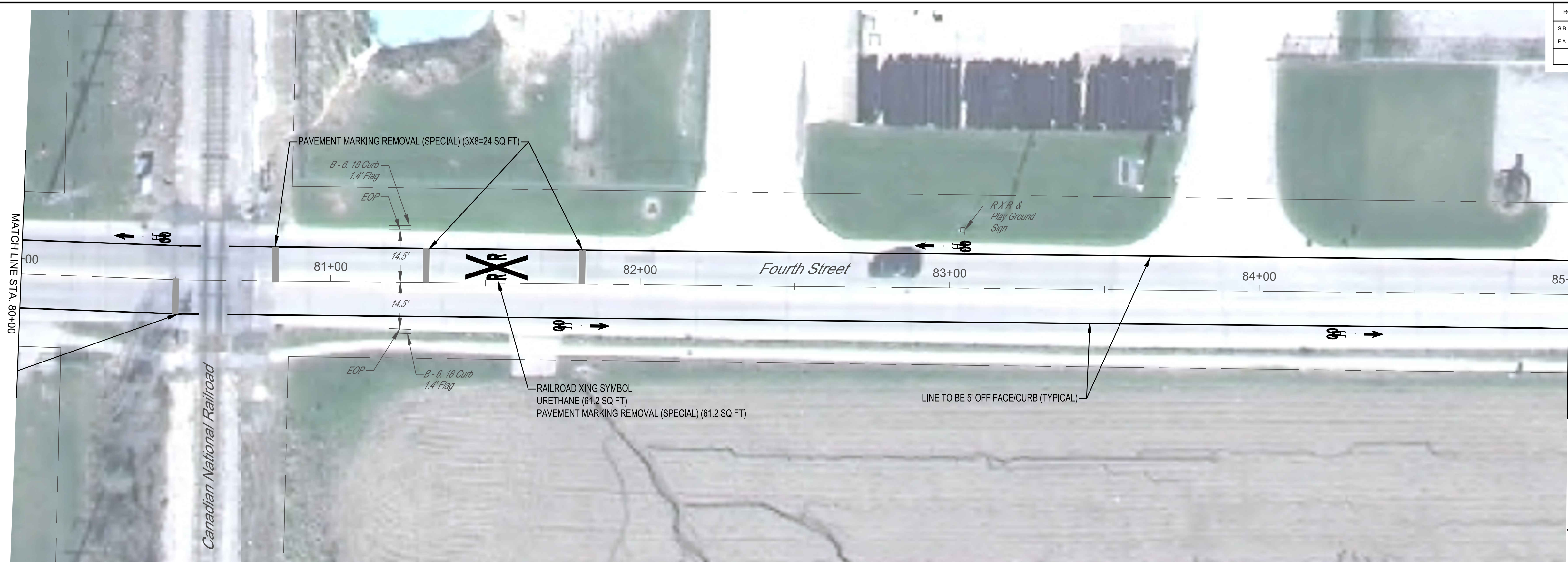
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FOURTH STREET (SOUTH)
 PAVEMENT MARKING
 AND SIGNAGE PLAN
 SECTION 16-00141-00-BT
 CITY OF EFFINGHAM, ILLINOIS

File name: S:\2016\16006\dwg\Hoffman-Fourth.dwg
 Plot date: 6/22/2021 09:13

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
S.B.I. F.A.	16-00141-00-BT	EFFINGHAM	71	59
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT:		

CONTRACT #95822



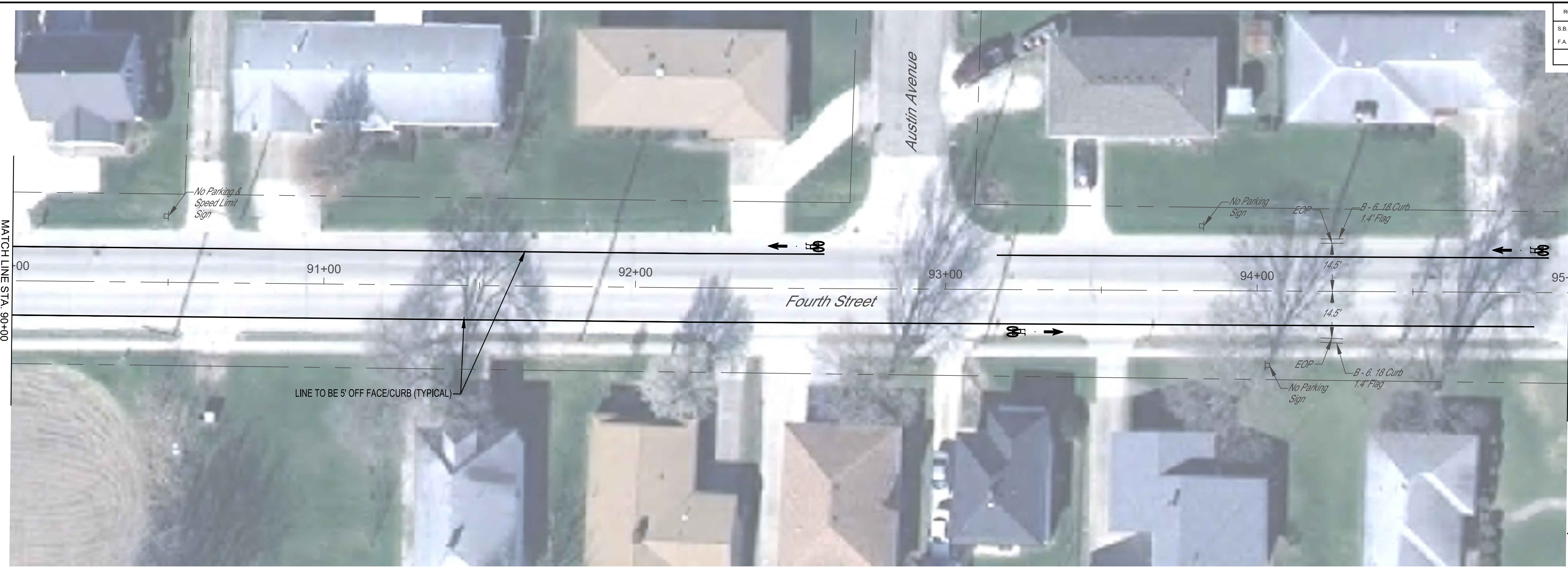
MILANO & GRUNLOH ENGINEERS, LLC
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**FOURTH STREET (SOUTH)
 PAVEMENT MARKING
 AND SIGNAGE PLAN
 SECTION 16-00141-00-BT
 CITY OF EFFINGHAM, ILLINOIS**

File name: S:\2016\16006\dwg\Hoffman-Fourth.dwg
 Plot date: 6/22/2021 09:13

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
S.B.I. F.A.	16-00141-00-BT	EFFINGHAM	71	60
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT-		

CONTRACT #95822



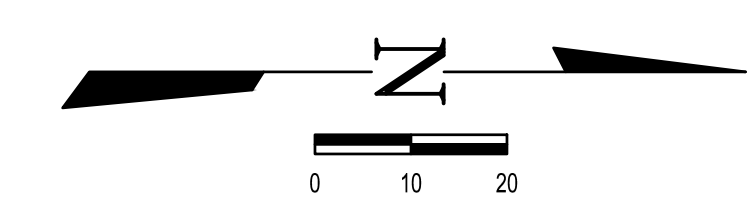
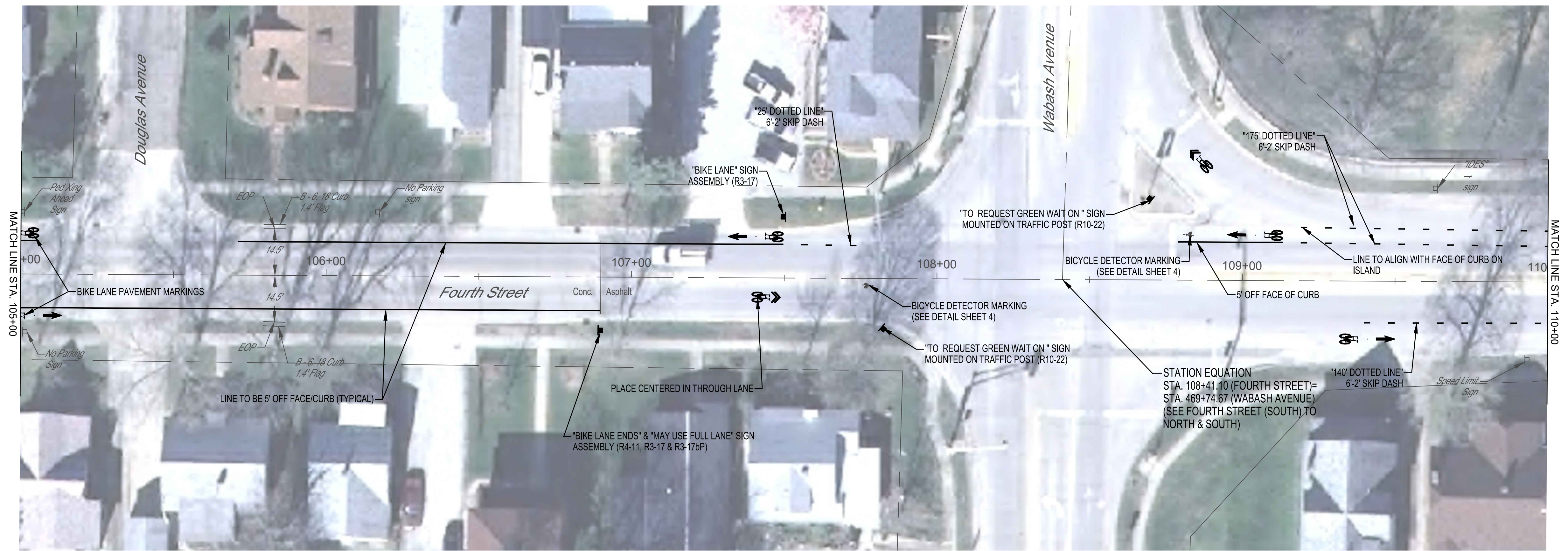
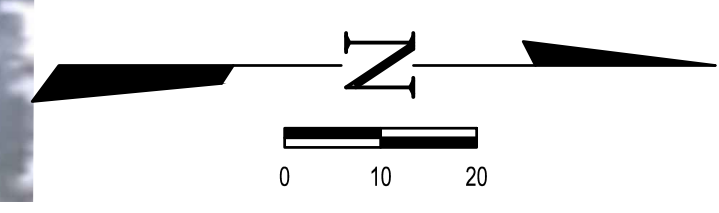
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**FOURTH STREET (SOUTH)
 PAVEMENT MARKING
 AND SIGNAGE PLAN
 SECTION 16-00141-00-BT
 CITY OF EFFINGHAM, ILLINOIS**

File name: S:\2016\16006\dwg\Hoffman-Fourth.dwg
 Plot date: 6/22/2021 09:13

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
16-00141-00-BT		EFFINGHAM	71	61
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT:		

CONTRACT #95822



Note: All markings and signage placement shall be according to MUTCD (Manual on Uniform Traffic Control Devices) 2009 Edition. It is preferable to place the R10-22 (To Request Green Wait on "symbol") on the shown traffic signal post. If conflict arises on the traffic signal post the said sign shall be mounted on a telescoping steel sign support with a minimum of 7' clearance below the bottom of the sign (An allowed quantity has been shown for each location, which may be deleted if post mounted). If mounted on a sign support the said sign shall also not block visibility to any existing signals or other signage. Final placement shall be coordinated with the Engineer

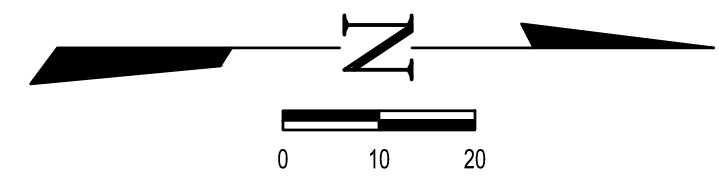
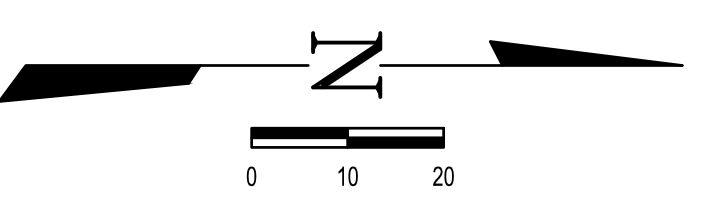
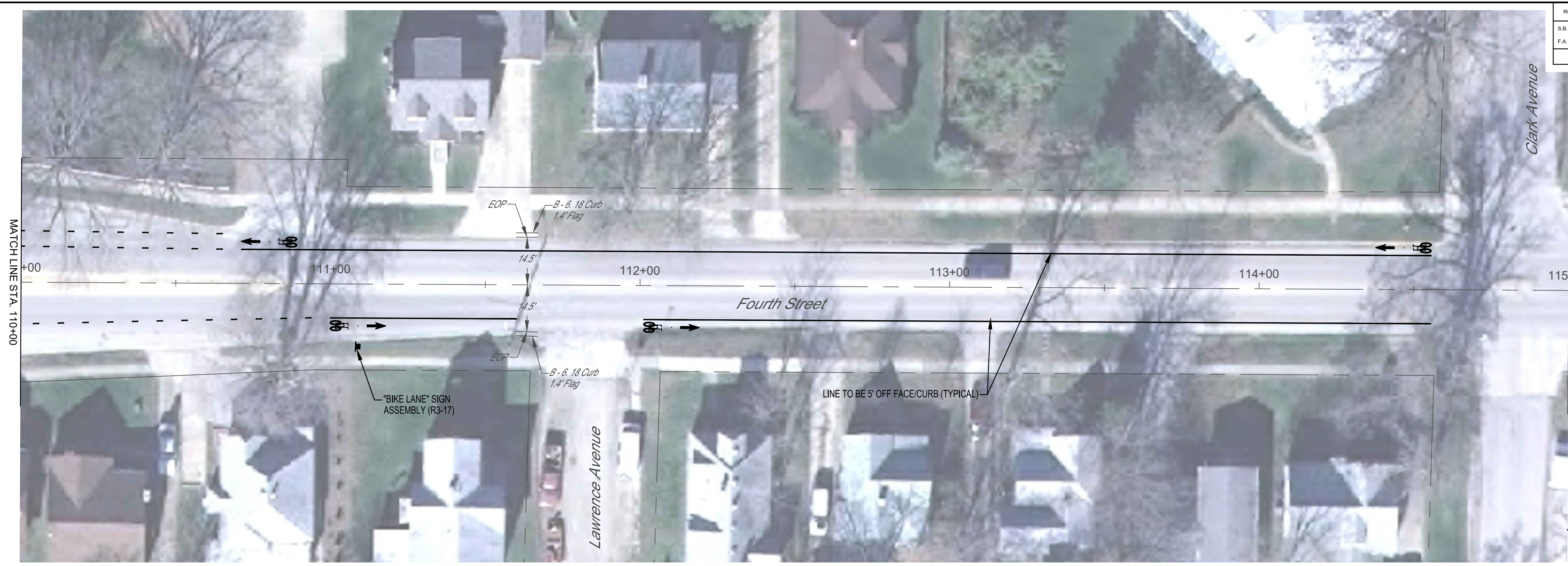
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 Web: www.mgengineers.com
 Design Firm #184-003108

**FOURTH STREET (SOUTH)
 PAVEMENT MARKING
 AND SIGNAGE PLAN
 SECTION 16-00141-00-BT
 CITY OF EFFINGHAM, ILLINOIS**

File name: S:\2016\16006\dwg\Hoffman-Fourth.dwg
 Plot date: 6/22/2021 09:13

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
S.B.I. FA.	16-00141-00-BT	EFFINGHAM	71	62
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT:		

CONTRACT #95822



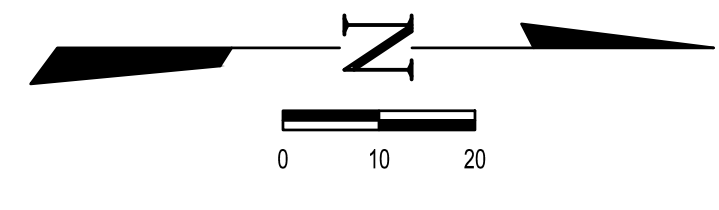
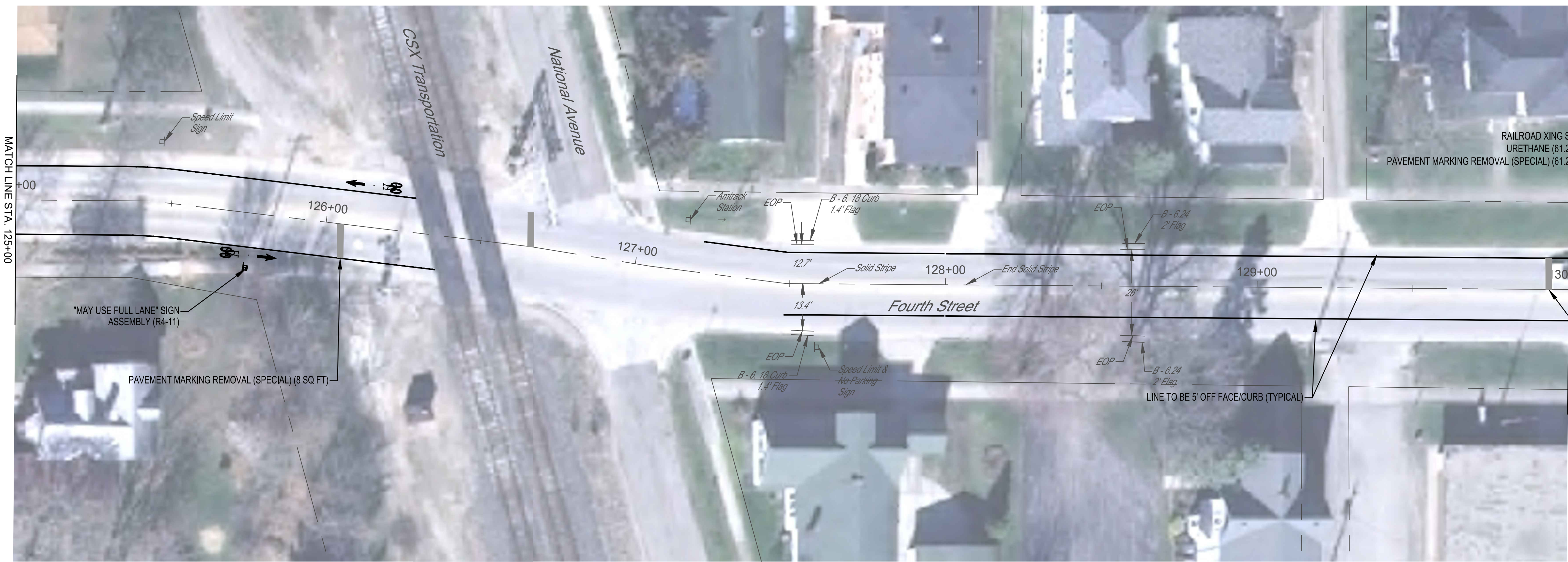
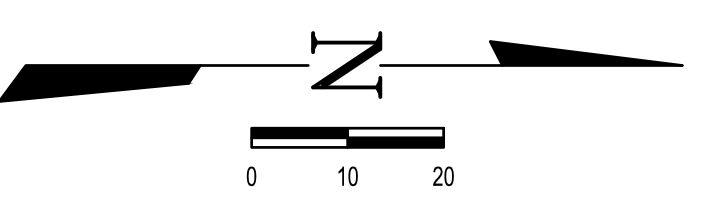
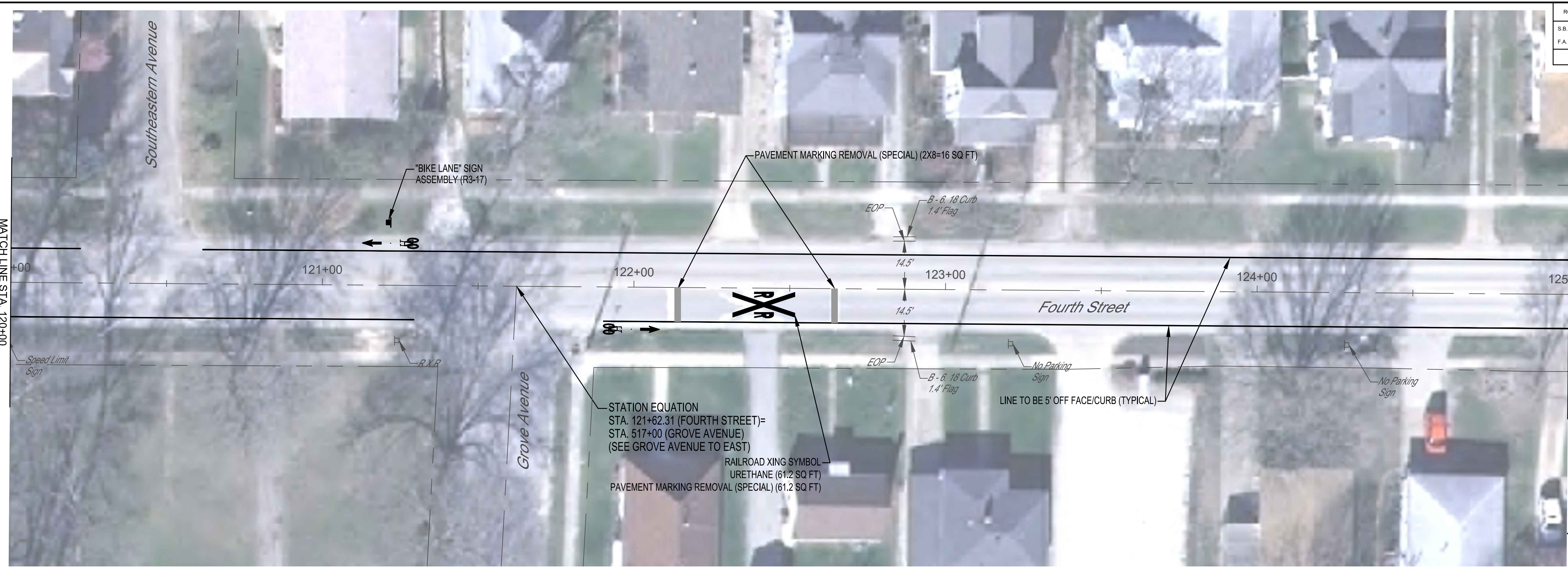
MILANO & GRUNLOH ENGINEERS, LLC
 114 W. WASHINGTON AVE. | PO BOX 897
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**FOURTH STREET (SOUTH)
 PAVEMENT MARKING
 AND SIGNAGE PLAN
 SECTION 16-00141-00-BT
 CITY OF EFFINGHAM, ILLINOIS**

File name: S:\2016\16006\dwg\Hoffman-Fourth.dwg
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ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
S.B.I. F.A.	16-00141-00-BT	EFFINGHAM	71	63
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT-		

CONTRACT #95822



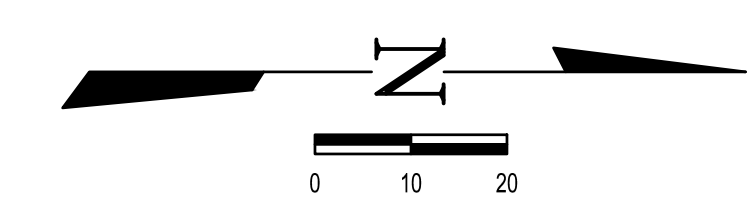
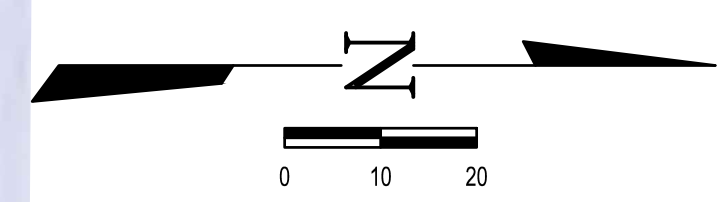
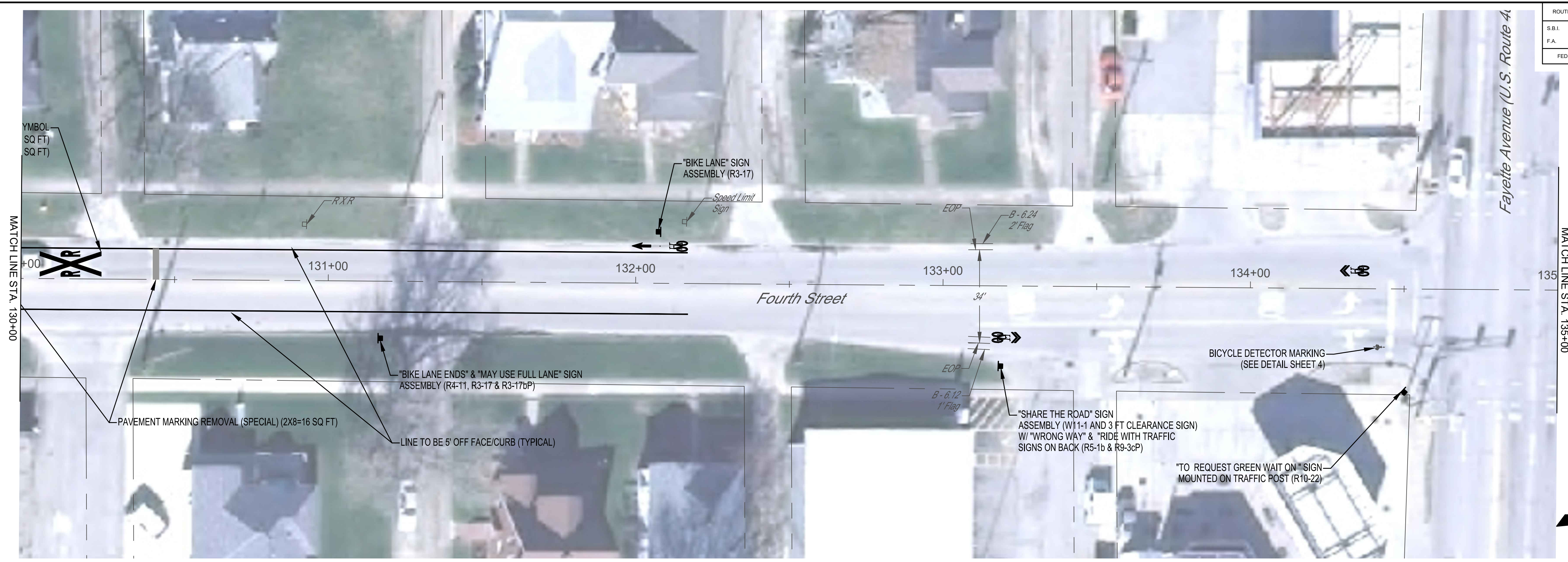
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**FOURTH STREET (SOUTH)
 PAVEMENT MARKING
 AND SIGNAGE PLAN
 SECTION 16-00141-00-BT
 CITY OF EFFINGHAM, ILLINOIS**

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ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
S.B.I. FA.	16-00141-00-BT	EFFINGHAM	71	64
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT:		

CONTRACT #95822



STATION EQUATION
 STA. 575+54.39 (SECTION AVENUE)=
 STA. 136+46.11 (FOURTH STREET)
 (SEE SECTION AVENUE TO WEST)

Note: All markings and signage placement shall be according to MUTCD (Manual on Uniform Traffic Control Devices) 2009 Edition. It is preferable to place the R10-22 (To Request Green Wait on "symbol") on the shown traffic signal post. If conflict arises on the traffic signal post the said sign shall be mounted on a telescoping steel sign support with a minimum of 7' clearance below the bottom of the sign (An allowed quantity has been shown for each location, which may be deleted if post mounted). If mounted on a sign support the said sign shall also not block visibility to any existing signals or other signage. Final placement shall be coordinated with the Engineer

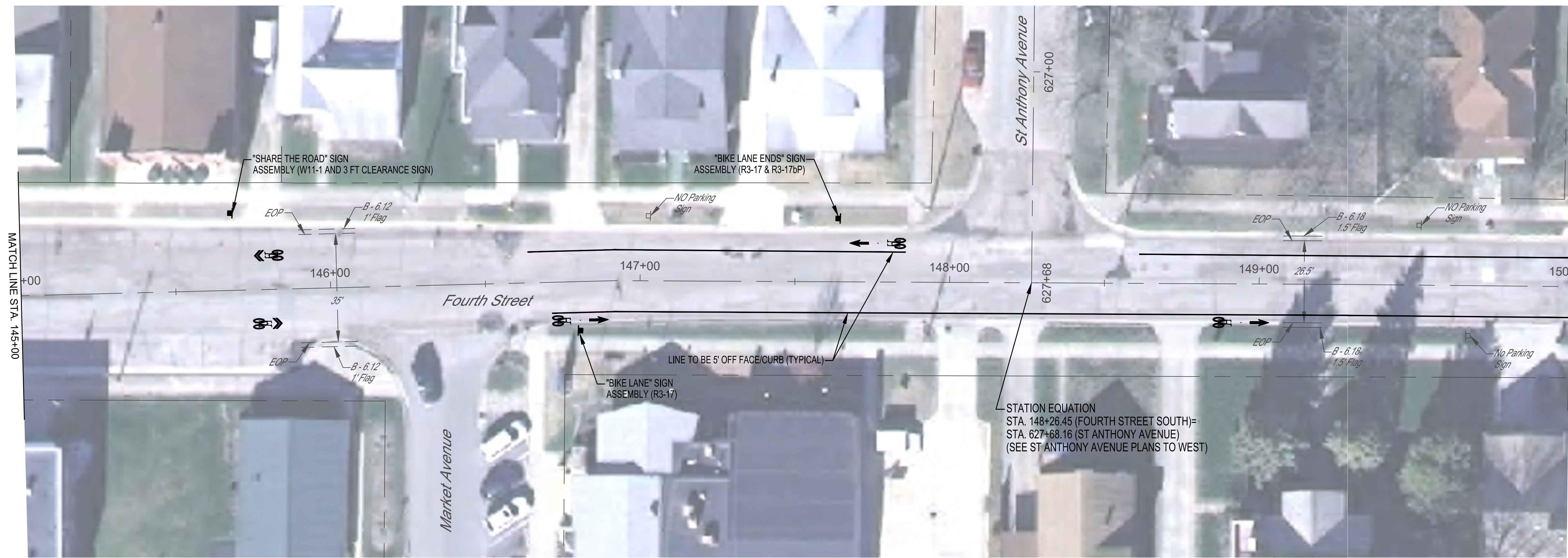
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FOURTH STREET (SOUTH)
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 AND SIGNAGE PLAN
 SECTION 16-00141-00-BT
 CITY OF EFFINGHAM, ILLINOIS

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ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
S.B.I. FA.	16-00141-00-BT	EFFINGHAM	71	65
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT-		

CONTRACT #95822

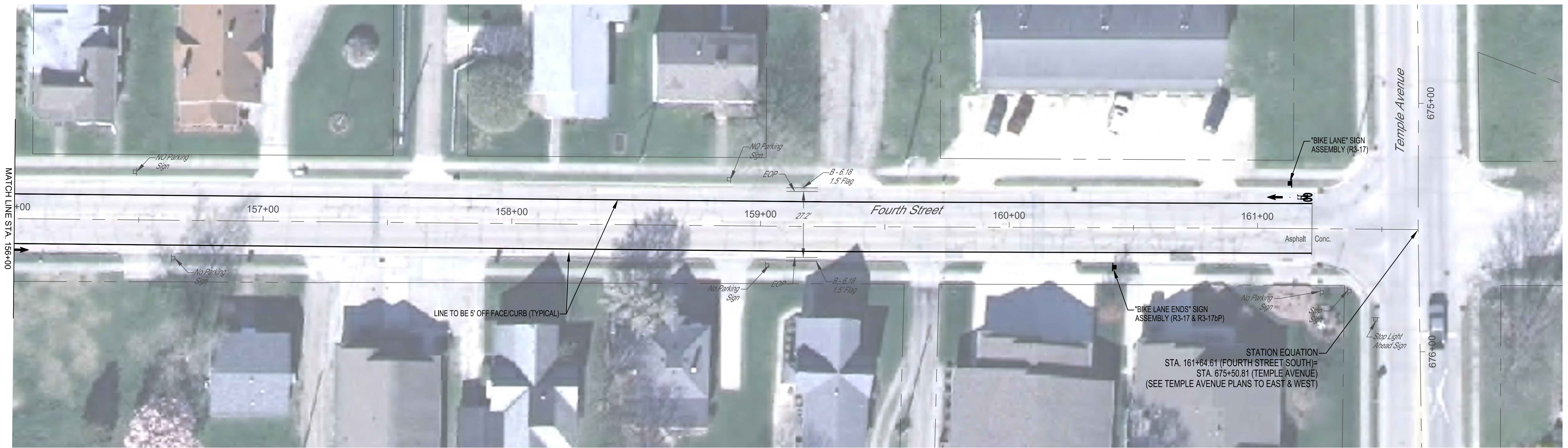


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**FOURTH STREET (SOUTH)
 PAVEMENT MARKING
 AND SIGNAGE PLAN
 SECTION 16-00141-00-BT
 CITY OF EFFINGHAM, ILLINOIS**

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 Plot date: 6/22/2021 09:13

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
16-00141-00-BT	EFFINGHAM	71	66	
FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT: CONTRACT #95822				



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**FOURTH STREET (SOUTH)
 PAVEMENT MARKING
 AND SIGNAGE PLAN
 SECTION 16-00141-00-BT
 CITY OF EFFINGHAM, ILLINOIS**

File name: S:\2016\16006\dwg\Hoffman-Fourth.dwg
 Plot date: 6/22/2021 09:13

LOCATION	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	MODIFIED URETHANE PAVEMENT MARKING - LETTERS AND SYMBOLS	MODIFIED URETHANE PAVEMENT MARKING - LINE 4"	SIGN PANEL - TYPE 1	TELESCOPING STEEL SIGN SUPPORT	PAVEMENT MARKING REMOVAL (SPECIAL)
	SQ FT	FOOT	SQ FT	FOOT	SQ FT	FOOT	SQ FT
Lt, Sta. 75+49.8 to Sta. 80+57.8				508			
Rt, Sta. 75+49.8 to Sta. 80+57.6				500			
Rt, Sta. 75+58.8			11.2		3.0	14	
Lt, Sta. 75+67.3			11.2				
Lt, Sta. 76+49.8					6.8	15	
Lt, Sta. 77+88.9			11.2				
Rt, Sta. 78+17.4			11.2				
Rt, Sta. 79+31.4			11.2				
Rt, Sta. 79+41.4 to 80+51.3			61.2				85.2
Lt, Sta. 80+38.9			11.2				
Rt, Sta. 80+66.8 to Sta. 94+89.0				1,422			
Lt, Sta. 80+67.0 to Sta. 88+06.8				740			
Lt, Sta. 80+81.0 to Sta. 81+82.4			61.2				85.2
Rt, Sta. 81+81.1			11.2				
Lt, Sta. 82+97.8			11.2				
Rt, Sta. 84+31.1			11.2				
Lt, Sta. 85+47.8			11.2				
Rt, Sta. 86+81.1			11.2				
Lt, Sta. 87+97.8			11.2		3.0	14	
Rt, Sta. 88+80.8			11.2		3.0	14	
Lt, Sta. 88+65.0 to Sta. 92+61.0				396			
Lt, Sta. 92+52.0			11.2				
Lt, Sta. 93+16.4 to Sta. 94+93.5				177			
Rt, Sta. 93+28.8			11.2				
Lt, Sta. 94+84.5			11.2				
Rt, Sta. 95+66.1 to Sta. 100+30.7				465			
Lt, Sta. 95+66.7 to Sta. 98+28.1				261			
Rt, Sta. 95+75.1			11.2				
Lt, Sta. 98+19.1			11.2				
Lt, Sta. 98+93.4 to Sta. 101+39.8				247			
Rt, Sta. 99+09.0			11.2		5.5	15	
Rt, Sta. 100+95.7 to Sta. 106+89.9				595			
Rt, Sta. 101+04.7			11.2				
Lt, Sta. 101+30.8			11.2				
Lt, Sta. 102+09.0 to Sta. 105+09.0				300			
Lt, Sta. 104+96.9			11.2				
Rt, Sta. 105+04.5			11.2				
Lt, Sta. 105+71.0 to Sta. 106+89.9				119			
Lt, Sta. 106+89.9 to Sta. 107+49.6		66					
Rt, Sta. 107+44.10	8.0				11.3	16	
Lt, Sta. 107+40.6	11.2						
Lt, Sta. 107+49.6					3.0	14	
Rt, Sta. 107+77.2	0.8						
Rt, Sta. 107+81.9					1.5	15	
Lt, Sta. 108+70.23					1.5	15	
Lt, Sta. 108+82.9	0.8						
Lt, Sta. 108+78.9 to Sta. 114+55.6		519					
Lt, Sta. 108+86.1	8						
Lt, Sta. 109+04.1	11.2						
Rt, 109+45.0	11.2						
Sub-Total	51.2	585.0	380.0	5,730	38.6	132.0	170.4

LOCATION	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	MODIFIED URETHANE PAVEMENT MARKING - LETTERS AND SYMBOLS	MODIFIED URETHANE PAVEMENT MARKING - LINE 4"	SIGN PANEL - TYPE 1	TELESCOPING STEEL SIGN SUPPORT	PAVEMENT MARKING REMOVAL (SPECIAL)
	SQ FT	FOOT	SQ FT	FOOT	SQ FT	FOOT	SQ FT
Rt, Sta. 110+80.1	11.2						
Rt, Sta. 108+78.9 to Sta. 111+60.2		100					
Rt, Sta. 111+08.9	11.2				3.0	14	
Rt, Sta. 112+01.2 to Sta. 114+55.7		255					
Rt, Sta. 112+10.2	11.2						
Lt, Sta. 114+46.6	11.2						
Lt, Sta. 115+15.0 to Sta. 120+22.4		508					
Rt, Sta. 115+15.0 to Sta. 121+29.5		615					
Rt, Sta. 115+24.0	11.2						
Lt, Sta. 120+61.5 to Sta. 126+27.8		568					
Rt, Sta. 121+90.2 to Sta. 126+36.5		445					
Lt, Sta. 121+21.8	11.2				3.0	14	
Rt, Sta. 121+99.2	11.2						
Rt, 122+13.0 to 126+07.13	61.2						85.2
Rt, Sta. 125+76.4	11.2				6.3	15	
Lt, Sta. 126+13.8	11.2						
Rt, Sta. 127+28.2 to Sta. 132+17.0		541					
Lt, Sta. 128+00.0 to Sta. 132+16.8		590					
Lt, Sta. 129+92.5 to Sta. 130+45.1	61.2						77.2
Rt, Sta. 131+17.0					10.5	18	
Lt, Sta. 132+07.8	11.2				3.0	15	
Rt, Sta. 133+20.7	8.0				11.3	16	
Lt, Sta. 134+33.8	8.0						
Rt, Sta. 134+42.02	0.8						
Rt, Sta. 134+49.6					1.5	15	
Lt, Sta. 135+21.0	0.8				1.5	15	
Rt, Sta. 135+36.4	8.0						
Lt, Sta. 136+08.3	8.0				9.8	16	
Rt, Sta. 136+86.1	8.0						
Lt, Sta. 137+07.3	8.0						
Rt, Sta. 139+36.5	8.0						
Lt, Sta. 139+57.7	8.0				8.8	17	
Rt, Sta. 140+16.6	8.0						
Lt, Sta. 140+16.6	8.0						
Rt, Sta. 142+48.8	8.0						
Lt, Sta. 142+52.9	8.0						
Rt, Sta. 143+29.8	8.0						
Lt, Sta. 143+79.8	8.0						
Rt, Sta. 145+79.5	8.0						
Lt, Sta. 145+80.3	8.0				8.8	17	
Lt, Sta. 146+63.9 to Sta. 147+85.7		122					
Rt, Sta. 146+71.4 to Sta. 151+61.0		490					
Rt, Sta. 146+80.4	11.2				3.0	14	
Lt, Sta. 147+63.9					4.3	15	
Lt, Sta. 147+76.7	11.2						
Lt, Sta. 148+61.2 to Sta. 151+69.1		308					
Rt, Sta. 148+94.1	11.2						
Lt, Sta. 151+60.1	11.2						
Lt, Sta. 152+36.8 to Sta. 155+16.5		280					
Rt, Sta. 152+45.4 to Sta. 155+16.5		270					
Rt, Sta. 152+54.4	11.2						
Lt, Sta. 155+07.5	11.2						
Lt, Sta. 155+87.8 to Sta. 161+21.9		534					
Rt, Sta. 155+88.0 to Sta. 161+22.0		534					
Rt, Sta. 155+96.8	11.2				3.0	14	
Rt, Sta. 160+42.3					4.3	15	
Lt, Sta. 161+12.9	11.2				3.0	14	
Sub-Total	453.6	6,160	0.0	0	85.1	244.0	162.4
TOTAL	504.8	6,745	380.0	5,730	123.7	376.0	332.8

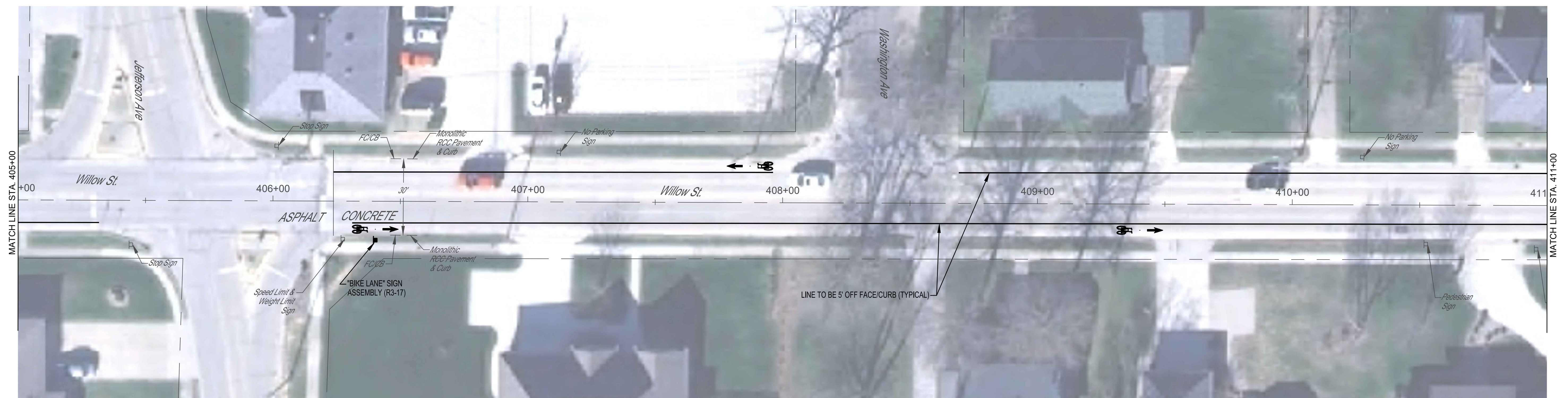
MILANO & GRUNLOH ENGINEERS, LLC
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FOURTH STREET (SOUTH)
PAVEMENT MARKING
AND SIGNAGE PLAN
SECTION 16-00141-00-BT
CITY OF EFFINGHAM, ILLINOIS

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
S.B.I. F.A.	16-00141-00-BT	EFFINGHAM	71	68
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT:		

CONTRACT #95822



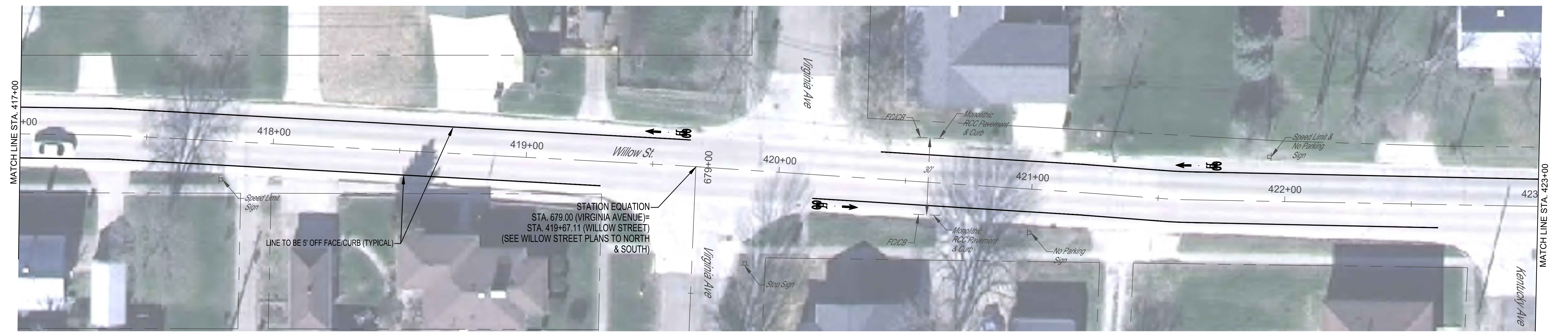
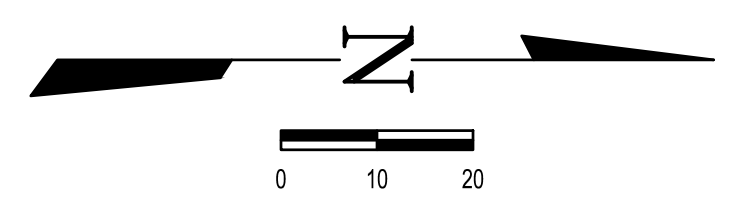
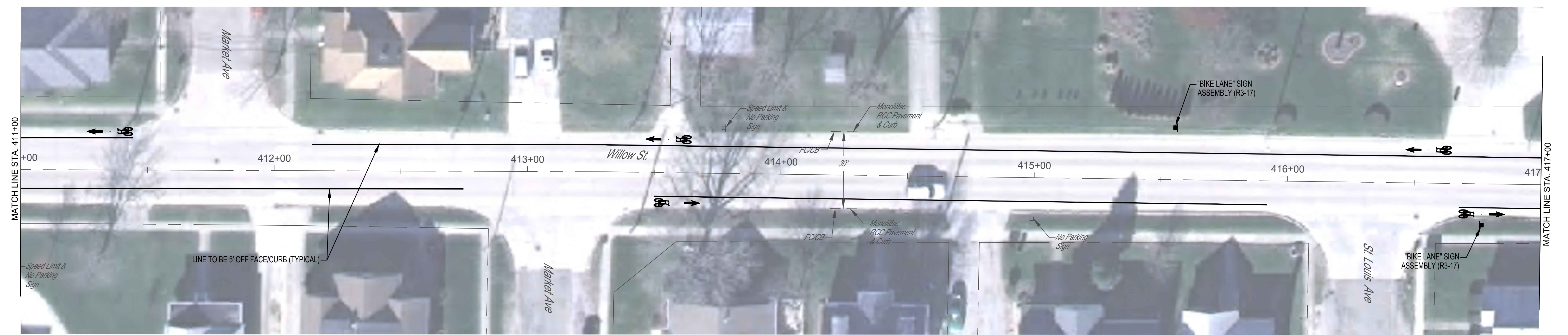
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**WILLOW STREET
 PAVEMENT MARKING
 AND SIGNAGE PLAN
 SECTION 16-00141-00-BT
 CITY OF EFFINGHAM, ILLINOIS**

File name: S:\2016\16006\dwg\Willow.dwg
 Plot date: 08/18 at 00:00

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
S.B.I. F.A.	16-00141-00-BT	EFFINGHAM	71	69
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT:		

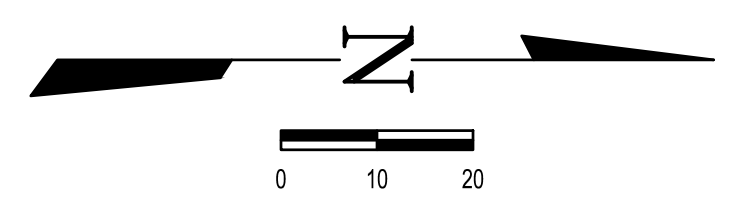
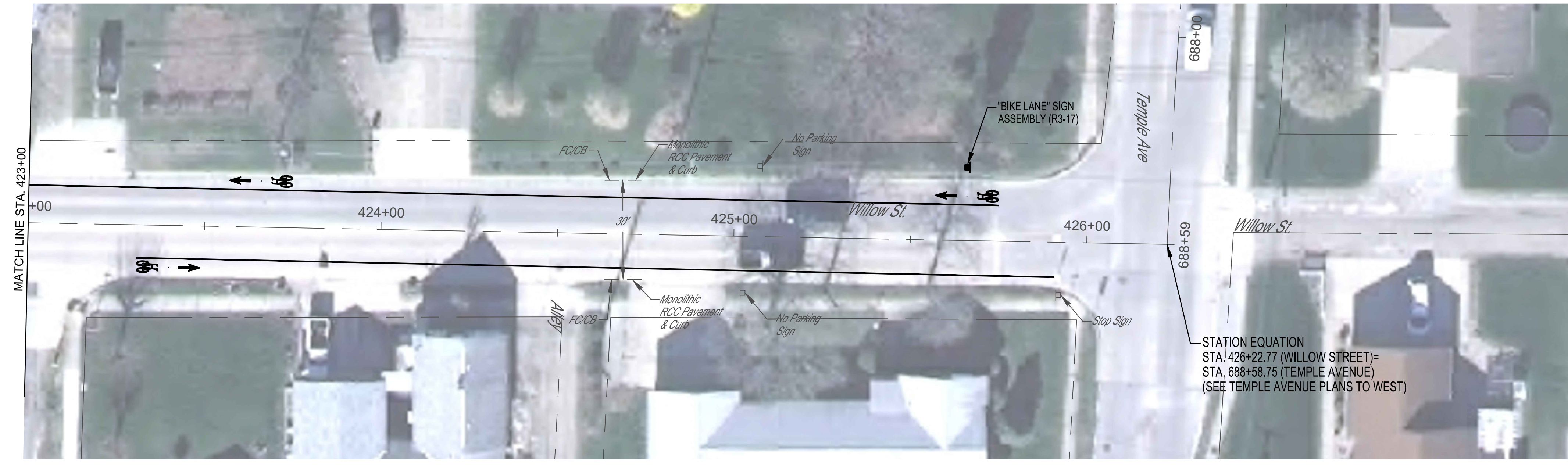
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WILLOW STREET
 PAVEMENT MARKING
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 SECTION 16-00141-00-BT
 CITY OF EFFINGHAM, ILLINOIS

File name: S:\2016\16006\dwg\Willow.dwg
 Plot date: 08/18 at 00:00



LOCATION	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	MODIFIED URETHANE PAVEMENT MARKING - LETTERS AND SYMBOLS	MODIFIED URETHANE PAVEMENT MARKING - LINE 4"	SIGN PANEL - TYPE 1	TELESCOPING STEEL SIGN SUPPORT
	SQ FT	FOOT	SQ FT	FOOT	SQ FT	FOOT
Lt, Sta. 400+95.1 to Sta. 404+82.9		388				
Rt, Sta. 400+95.1 to Sta. 402+54.4		159				
Rt, Sta. 401+04.1	11.2				3.0	14
Lt, Sta. 401+95.1					4.3	15
Rt, Sta. 403+19.4 to Sta. 405+31.7		213				
Rt, Sta. 403+28.4	11.2					
Lt, Sta. 404+73.9	11.2				3.0	14
Lt, Sta. 406+23.7 to Sta. 407+96.2				173		
Rt, Sta. 406+31.1 to Sta. 412+74.7				644		
Rt, Sta. 406+40.1			11.2		3.0	14
Lt, Sta. 407+87.2			11.2			
Lt, Sta. 408+69.2 to Sta. 411+44.2				275		
Rt, Sta. 409+40.1			11.2			
Lt, Sta. 411+35.2			11.2			
Lt, Sta. 412+14.9 to Sta. 419+64.4				750		
Rt, Sta. 413+50.1 to Sta. 415+91.9				242		
Lt, Sta. 413+55.5			11.2			
Rt, Sta. 413+59.1			11.2			
Lt, Sta. 415+55.5					3.0	14
Lt, Sta. 416+55.5			11.2			
Rt, Sta. 416+67.7 to Sta. 419+29.9				262		
Rt, Sta. 416+76.7			11.2		3.0	14
Lt, Sta. 419+55.50			11.2			
Rt, Sta. 420+13.8 to Sta. 422+60.7				248		
Rt, Sta. 420+22.8			11.2			
Lt, Sta. 420+39.7 to Sta. 425+47.7				535		
Lt, Sta. 421+65.8			11.2			
Rt, Sta. 423+30.9 to Sta. 425+91.0				260		
Rt, Sta. 423+39.9			11.2			
Lt, Sta. 423+65.7			11.2			
Lt, Sta. 425+65.7			11.2		3.0	14
TOTAL	33.6	760	156.8	3,389	22.3	99.0

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WILLOW STREET
 PAVEMENT MARKING
 AND SIGNAGE PLAN
 SECTION 16-00141-00-BT
 CITY OF EFFINGHAM, ILLINOIS

File name: S:\2016\16006\dwg\Willow.dwg
 Plot date: 08/18 at 00:00



STATION EQUATION
 STA. 679.00 (VIRGINIA AVENUE)=
 STA. 419+67.11 (WILLOW STREET)
 (SEE WILLOW STREET PLANS TO NORTH
 & SOUTH)

"SHARE THE ROAD" SIGN
 ASSEMBLY (W11-1 AND 3 FT CLEARANCE SIGN)



LOCATION	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SIGN PANEL - TYPE 1	TELESCOPING STEEL SIGN SUPPORT
	SQ FT	SQ FT	FOOT
Rt, Sta. 679+64.2		8.8	17
Rt, Sta. 679+76.6	8.0		
Lt, Sta. 681+75.0	8.0		
Rt, Sta. 682+26.6	8.0		
Lt, Sta. 683+05.7	8.0		
Rt, Sta. 684+76.6	8.0		
Lt, Sta. 684+82.8	8.0	8.8	17
TOTAL	48.0	17.6	34

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VIRGINIA AVENUE
 PAVEMENT MARKING
 AND SIGNAGE PLAN
 SECTION 16-00141-00-BT
 CITY OF EFFINGHAM, ILLINOIS

File name: S:\2016\16006\dwg\Virginia.dwg
 Plot date: 6/22/2021 09:13