

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
MS 6240	22-00076-00-SW	WILLIAMSON	33	01
ILLINOIS		18TH STREET		

CONTRACT NO. 99716

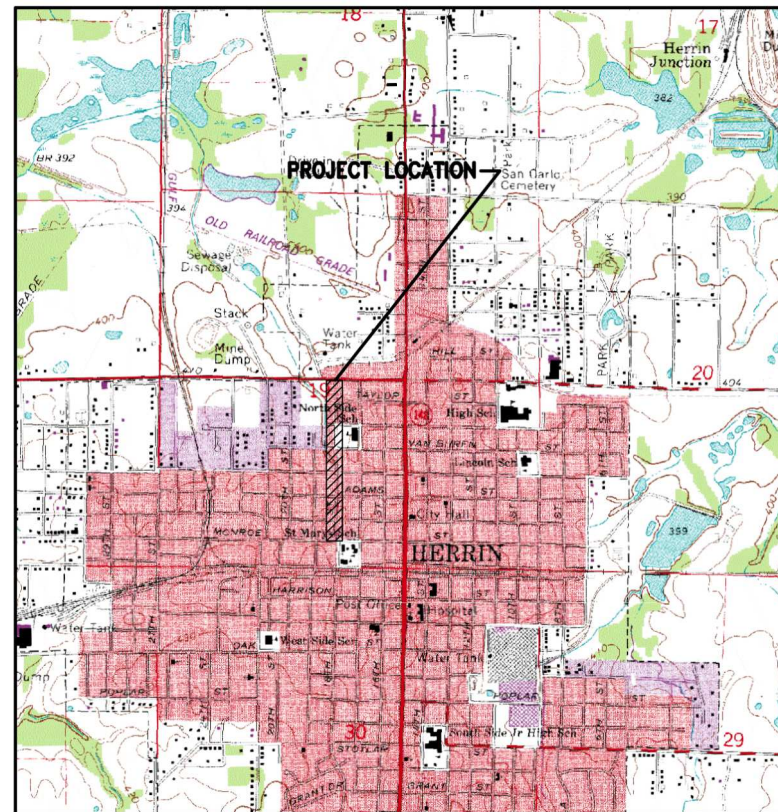
# PLANS FOR: MS 6240 (18TH STREET) IMPROVEMENTS HERRIN, ILLINOIS SAFE ROUTES TO SCHOOL

TRAFFIC DATA - 2022  
ADT - 450 (1% HCV)  
POSTED SPEED - 25 MPH

SECTION NO.: 22-00076-00-SW  
JOB NO.: C-99-007-26  
FEDERAL PROJECT NO.: KOOE(302)

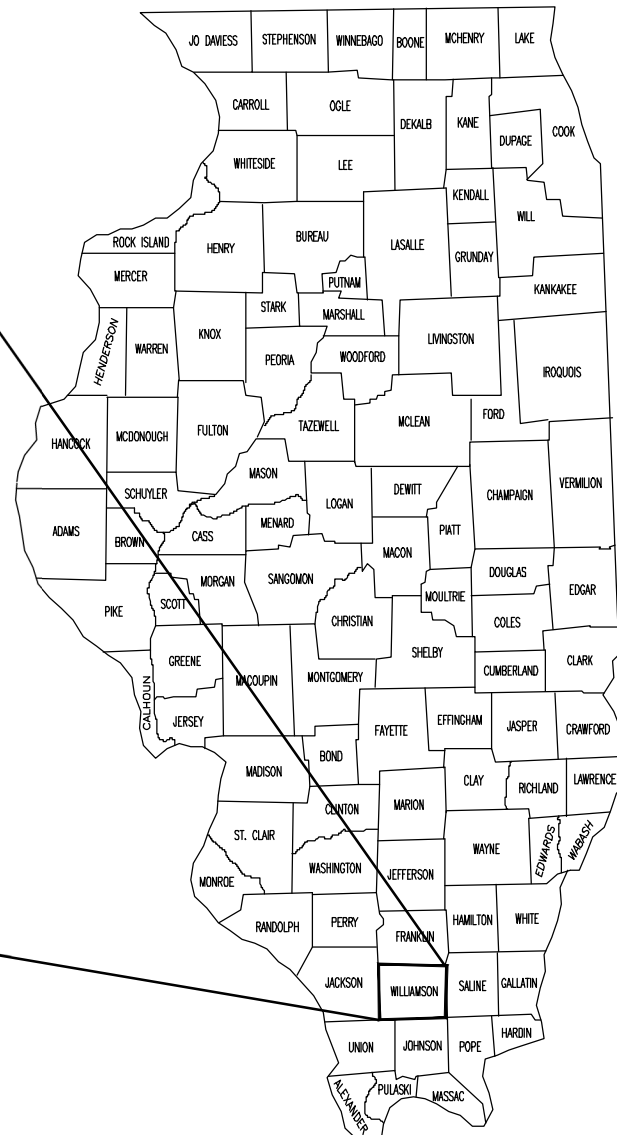
INDEX OF SHEETS

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- 32-33 SIDEWALK RAILING DETAILS



**LOCATION MAP**  
N.T.S.

GROSS LENGTH = 2,330 FT = 0.44 MILES  
NET LENGTH = 2,330 FT = 0.44 MILES



410 NORTH COURT ST,  
MARION, ILLINOIS 62959  
PHONE: 618-993-6411  
WWW.HORNERSHIFRIN.COM  
DISCIPLINE: PROFESSIONAL ENGINEERING  
CERTIFICATE OF AUTHORITY: 000159  
EXPIRATION DATE: DECEMBER 31, 2023  
**PROJECT NO. 21197**

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	
APPROVED: <i>[Signature]</i> 8/22/23	23
MAYOR, CITY OF HERRIN	
PASSED: <i>[Signature]</i> 8/23/23	23
DISTRICT ENGINEER, LOCAL ROADS & STREETS	
RELEASING FOR BID BASED ON LIMITED REVIEW: <i>[Signature]</i> 8/23/23	23
DEPUTY DIRECTOR OF HIGHWAYS, REGION 5 ENGINEER	

PREPARED BY: HORNER SHIFRIN MARION, ILLINOIS <i>[Signature]</i>	
DATE: 8/23/23	
EXPIRES: NOVEMBER 30, 2023	

ROUTE NO. MS 6240	SECTION 22-00076 -00-SW	COUNTY WILLIAMSON	TOTAL SHEETS 33	SHEET NO. 02
ILLINOIS		E. HERRIN STREET		

CONTRACT NO. 99716

## GENERAL NOTES

UNDERGROUND STRUCTURES AND UTILITIES HAVE BEEN PLOTTED FROM AVAILABLE SURVEYS AND RECORDS AND, THEREFORE, THEIR LOCATION MUST BE CONSIDERED APPROXIMATE ONLY. THE VERIFICATION OF THE LOCATION OF ALL UNDERGROUND FACILITIES, STRUCTURES AND UTILITIES, EITHER SHOWN OR NOT SHOWN ON THESE PLANS, SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.

CONTRACTOR SHALL CONTACT J.U.L.I.E. OPERATOR AT 1-800-892-0123 FOR MARKING OF EXISTING UNDERGROUND UTILITIES. J.U.L.I.E. SHOULD BE CONTACTED A MINIMUM OF 96 HOURS IN ADVANCE OF CONSTRUCTION. CONTRACTOR SHALL MEET ALL REQUIREMENTS FOR CROSSING OF ANY EXISTING UTILITIES.

UNLESS MODIFIED BY THE PROJECT SPECIFICATIONS, ALL SITE WORK SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION", ADOPTED BY THE ILLINOIS DEPARTMENT OF TRANSPORTATION ON JANUARY 1, 2022. HOWEVER, STORM SEWER, SANITARY SEWER AND WATER LINE WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE "STANDARD SPECIFICATIONS FOR WATER AND SEWER MAIN CONSTRUCTION IN ILLINOIS", LATEST EDITION, ALL SITEWORK SHALL COMPLY WITH THE ILLINOIS ACCESSIBILITY CODE.

CONTRACTOR SHALL SUBMIT SHOP DRAWINGS TO ENGINEER FOR APPROVAL BEFORE ORDERING MATERIALS FOR FINAL CONSTRUCTION.

ALL SIDEWALK CONSTRUCTION SHALL MEET THE UNITED STATES ACCESS BOARD'S PUBLIC RIGHT-OF-WAY ACCESSIBILITY GUIDELINES (PROWAG) PUBLISHED JULY 26, 2011.

ALL SIDEWALKS SHALL HAVE A MAXIMUM CROSS SLOPE OF 2.0% (1:50). ALL SIDEWALKS SHALL HAVE A MINIMUM CROSS SLOPE OF 1.0% (1:100) TO FACILITATE DRAINAGE, UNLESS OTHERWISE SHOWN. ALL SIDEWALKS SHALL HAVE A MAXIMUM LONGITUDINAL SLOPE OF 5.0% (1:20).

THERE ARE NO AVAILABLE WASTE SITES ON THE EXISTING RIGHT OF WAY WITHIN THE PROJECT LIMITS. DISPOSAL SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR AND ALL WASTE MUST BE DISPOSED OF IN ACCORDANCE WITH ARTICLE 202.03 OF THE STANDARD SPECIFICATIONS.

IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO RESTORE THE GRADE TO THE DESIGN ELEVATIONS CHANGED BY NATURAL CAUSES UNTIL FINAL ACCEPTANCE BY THE OWNER.

THE CONTRACTOR SHALL CONFINE HIS WORK WITHIN THE DESIGNATED WORK AREAS.

ANY EXCESS EXCAVATED SOIL SHALL BE HAULED TO THE CITY OF HERRIN'S MAINTENANCE YARD.

COMPACTION REQUIREMENTS FOR EMBANKMENT SHALL BE TO THE SATISFACTION OF THE ENGINEER.

## HIGHWAY STANDARDS

000001-08	STANDARD SYMBOLS ABBREVIATIONS & PATTERNS
001001-02	AREAS OF REINFORCEMENT BARS
001006	DECIMAL OF INCH & FOOT
424001-11	PERPENDICULAR CURB RAMPS
424006-05	DIAGONAL CURB RAMPS
424011-04	CORNER PARALLEL CURB RAMPS
424016-05	MID-BLOCK CURB RAMPS
424021-06	DEPRESSED CORNER
606001-08	CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
701001-02	OFF-RD OPERATIONS, 2L, 2W, 15' (4.5m) AWAY
701006-05	OFF-RD OPERATIONS, 2L, 2W, 15' (4.5m) TO 24" (600mm) FROM PAVEMENT EDGE
701501-06	URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED
701502-09	URBAN LANE CLOSURE, 2L, 2W WITH BIDIRECTIONAL LTL
701801-06	SIDEWALK, CORNER OR CROSSWALK CLOSURE
701901-08	TRAFFIC CONTROL DEVICES
780001-05	TYPICAL PAVEMENT MARKINGS
BLR 22-9	TYPICAL APPLICATION OF TRAFFIC CONTROL DEVICES

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EXPIRATION DATE: DECEMBER 31, 2023			
STATE OF ILLINOIS PROFESSIONAL DESIGN FIRM LICENSE NO. 184-004515			
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REVISIONS		 <p><b>HORNER SHIFRIN</b> 410 NORTH COURT ST, MARION, ILLINOIS 622959 618-993-6411 FAX 618-993-6750 WWW.HORNERSHIFRIN.COM</p>	
DATE	NO.		
GENERAL NOTES		18th STREET SAFE ROUTES TO SCHOOL CITY OF HERRIN, ILLINOIS	
Date	05/2023	DR. By	PLD
CK'D By	DHR		
Scale	N/A	Job No.	21197
Sheet No.	2	of 32	

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
MS6240	22-00076 -00-SW	WILLIAMSON	33	03
ILLINOIS		18TH STREET		

CONTRACT NO. 99716

# SUMMARY OF QUANTITIES

ROUTE:	MS 6240 (18TH STREET)
COUNTY:	WILLIAMSON
LOCATION:	URBAN
FUNDING:	100% FEDERAL
TYPE CODE:	0021

CODE NUMBER	ITEM DESCRIPTION	UNIT	QUANTITY
40201000	AGGREGATE FOR TEMPORARY ACCESS	TON	30
42300400	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8 INCH	SQ YD	18
42400200	PORTLAND CEMENT CONCRETE SIDEWALK, 5 INCH	SQ FT	12,814
42400410	PORTLAND CEMENT CONCRETE SIDEWALK, 8 INCH	SQ FT	2,418
42400800	DETECTABLE WARNINGS	SQ FT	216
44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	18
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	84
44000600	SIDEWALK REMOVAL	SQ FT	13,207
* 50901720	BICYCLE RAILING	FOOT	53
52200900	CONCRETE STRUCTURES ( RETAINING WALL )	CU YD	1.25
542A0223	PIPE CULVERTS, CLASS A, TYPE 1 18"	FOOT	16
54248510	CONCRETE COLLAR	CU YD	0.32
60600605	CONCRETE CURB, TYPE B	FOOT	49
60604400	CONCRETE CURB AND GUTTER, TYPE B-6.18	FOOT	84
67100100	MOBILIZATION	L SUM	1
70102640	TRAFFIC CONTROL AND PROTECTION, STANDARD 701801	L SUM	1
* 78001150	PAINT PAVEMENT MARKING - LINE 12 "	FOOT	1,788
78300201	PAVEMENT MARKING REMOVAL - GRINDING	SQ FT	35
Z0075496	CONCRETE RETAINING WALL REMOVAL	FOOT	59

\* SPECIALTY ITEM

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 618-993-6411 FAX 618-993-6750  
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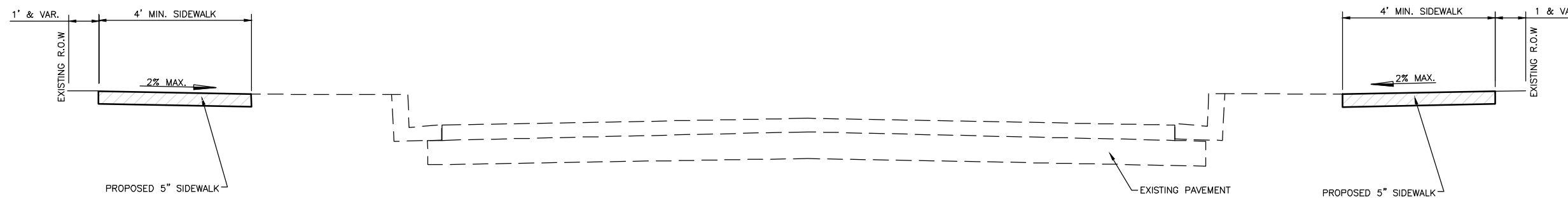
SUMMARY OF QUANTITIES  
 18 th STREET SAFE ROUTES TO SCHOOL  
 CITY OF HERRIN, ILLINOIS

Date: 05/2023 DR. By: MKK CK'D By: DHR  
 Scale: N/A Job No. 21197 Sheet No. 3 of 31

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ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
MS 6240	22-00076 -00-SW	WILLIAMSON	33	04
ILLINOIS		18TH STREET		

CONTRACT NO. 99716

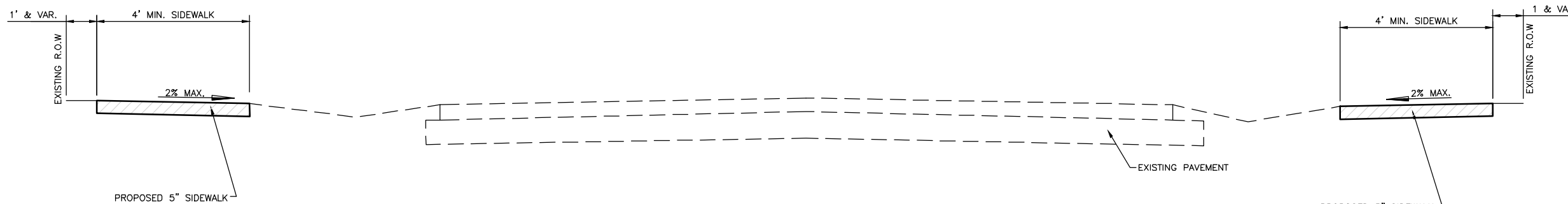


SIDEWALK OMISSIONS  
W. ADAMS STREET  
W. MADISON STREET

## TYPICAL SECTION

STA. 13+85 TO STA. 23+52  
18TH. STREET

SIDEWALK OMISSIONS  
W. ADAMS STREET  
W. MADISON STREET




SIDEWALK OMISSIONS  
W. TAYLOR STREET  
W. POLK STREET  
SCHOOL AREA  
W. VAN BUREN STREET

## TYPICAL SECTION

STA. 0+22 TO STA. 13+85  
18TH. STREET

SIDEWALK OMISSIONS  
PARKING LOT NO. 1.  
W. VAN BUREN STREET  
PARKING LOT NO. 2  
W. TYLER STREET

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EXPIRATION DATE: DECEMBER 31, 2023	
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TYPICAL SECTIONS	
18th STREET SAFE ROUTES TO SCHOOL	
CITY OF HERRIN, ILLINOIS	
Date	07/2023
DR. By	DHR
CK'D By	NOD
Scale	N/A
Job No.	21197
Sheet No.	4 of 33





ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
MS 6240	22-00076 -00-SW	WILLIAMSON	33	06
ILLINOIS		18TH STREET		

CONTRACT NO. 99716

### SIDEWALK SCHEDULE

LOCATION STATION TO STATION			42400200 PCC SIDEWALK 5 INCH (SQ. FT)	42400410 PCC SIDEWALK 8 INCH (SQ. FT)	42400800 DETECTABLE WARNINGS (SQ. FT)	50901720 BYCYCLE RAILING (FOOT)
W. HERRIN STREET						
LT. 0+22	TO	LT. 0+41	78		8	
LT. 0+41	TO	LT. 1+46	420			
LT. 1+46	TO	LT. 1+61		60		
LT. 1+61	TO	LT. 2+92	524			
LT. 2+92	TO	LT. 3+01	36			
LT. 3+01	TO	LT. 3+11	50		8	
W. TAYLOR STREET						
LT. 3+29	TO	LT. 3+39	50		8	
LT. 3+39	TO	LT. 3+92	212			
LT. 3+92	TO	LT. 4+07		60		
LT. 4+07	TO	LT. 4+47	160			
LT. 4+47	TO	LT. 4+67		80		
LT. 4+67	TO	LT. 5+17	100			
LT. 5+17	TO	LT. 5+54		148		
LT. 5+54	TO	LT. 5+97	172			
LT. 5+97	TO	LT. 6+49	208			
LT. 6+47	TO	LT. 6+47	50		8	
W. POLK STREET						
SCHOOL						
W. VANBUREN STREET						
LT. 11+87	TO	LT. 11+97	50		8	
LT. 11+97	TO	LT. 12+07	40			
LT. 12+07	TO	LT. 12+48	164			
LT. 12+48	TO	LT. 12+98		200		
LT. 12+98	TO	LT. 13+91	372			
LT. 13+91	TO	LT. 14+06		60		
LT. 14+06	TO	LT. 14+46	160			
LT. 14+46	TO	LT. 14+61		60		
LT. 14+61	TO	LT. 15+12	204			
LT. 15+12	TO	LT. 15+31	76			
LT. 15+31	TO	LT. 15+44		52		
LT. 15+44	TO	LT. 15+82	152			
LT. 15+82	TO	LT. 15+95		52		
LT. 15+95	TO	LT. 16+27	128			
LT. 16+27	TO	LT. 16+42		60		
LT. 16+42	TO	LT. 16+99	228			
LT. 16+99	TO	LT. 17+15	80		8	
LT. 16+96	TO	LT. 16+96	110		8	
W. ADAMS STREET						
LT. 17+34	TO	LT. 17+54	100		8	
LT. 17+54	TO	LT. 17+90	144			
LT. 17+90	TO	LT. 18+03		52		
LT. 18+03	TO	LT. 18+17	56			
LT. 18+17	TO	LT. 18+40	92			
LT. 18+40	TO	LT. 18+62		88		
LT. 18+62	TO	LT. 19+02	160			
LT. 19+02	TO	LT. 19+18		64		
LT. 19+18	TO	LT. 19+90	288			
LT. 19+90	TO	LT. 20+03		52		
LT. 20+03	TO	LT. 20+57	216			
LT. 20+57	TO	LT. 20+69	60		8	
LT. 20+55	TO	LT. 20+55	50		8	
W. MADISON STREET						
LT. 20+88	TO	LT. 21+04	80		8	
LT. 21+04	TO	LT. 21+22	72			
LT. 21+22	TO	LT. 21+38	64			
LT. 21+38	TO	LT. 21+62		96		
LT. 21+62	TO	LT. 22+53	364			
LT. 22+53	TO	LT. 22+68		60		
LT. 22+68	TO	LT. 22+77	36			
LT. 22+77	TO	LT. 22+96		76		
LT. 22+96	TO	LT. 23+52	224			
W. MONROE STREET						

### SIDEWALK SCHEDULE

LOCATION STATION TO STATION			42400200 PCC SIDEWALK 5 INCH (SQ. FT)	42400410 PCC SIDEWALK 8 INCH (SQ. FT)	42400800 DETECTABLE WARNINGS (SQ. FT)	50901720 BYCYCLE RAILING (FOOT)
W. HERRIN STREET						
RT. 0+22	TO	RT. 0+34	58		8	
RT. 0+34	TO	RT. 1+07		292		
RT. 1+07	TO	RT. 1+66	236			
RT. 1+66	TO	RT. 1+81		60		
RT. 1+81	TO	RT. 2+25	176			
RT. 2+25	TO	RT. 2+50		100		
RT. 2+50	TO	RT. 2+92	168			
RT. 2+92	TO	RT. 3+06	56			
RT. 3+06	TO	RT. 3+32		104		
RT. 3+32	TO	RT. 4+44	448			
RT. 4+44	TO	RT. 4+57		52		
RT. 4+57	TO	RT. 5+20	252			
RT. 5+20	TO	RT. 5+57		148		
RT. 5+57	TO	RT. 5+97	160			
RT. 5+97	TO	RT. 6+44	188			
RT. 6+44	TO	RT. 6+59	70		8	
RT. 6+47	TO	RT. 6+47	55		8	
PARKING LOT NO. 1						
RT. 8+44	TO	RT. 8+57		52	8	
RT. 8+57	TO	RT. 8+92	140			
RT. 8+67	TO		42			
RT. 8+92	TO	RT. 9+02		40		
RT. 9+02	TO	RT. 9+05		12		
RT. 9+05	TO	RT. 9+96	364			
RT. 9+96	TO	RT. 10+06	50		8	
W. VAN BUREN STREET						
RT. 10+31	TO	RT. 10+43	60		16	
PARKING LOT NO. 2						
RT. 11+85	TO	RT. 11+95	50		8	
RT. 11+95	TO	RT. 12+07	48			
RT. 12+07	TO	RT. 13+53	584			
RT. 13+53	TO	RT. 13+63	50		8	
W. TYLER STREET						
RT. 13+79	TO	RT. 13+94	75		8	
RT. 13+94	TO	RT. 15+12	472			
RT. 15+12	TO	RT. 15+32	80			
RT. 12+18	TO	RT. 12+71				53
RT. 15+32	TO	RT. 15+45		52		
RT. 15+45	TO	RT. 16+28	332			
RT. 16+28	TO	RT. 16+44		64		
RT. 16+44	TO	RT. 16+98	220			
RT. 16+98	TO	RT. 17+15	80		8	
RT. 16+96	TO	RT. 16+96	50		8	
W. ADAMS STREET						
RT. 17+33	TO	RT. 17+48	75		8	
RT. 17+48	TO	RT. 18+17	276			
RT. 18+17	TO	RT. 20+39	888			
RT. 20+39	TO	RT. 20+69	150		8	
RT. 20+55	TO	RT. 20+55	50		8	
W. MADISON STREET						
RT. 20+87	TO	RT. 21+22	175		8	
RT. 21+22	TO	RT. 22+00	312			
RT. 22+00	TO	RT. 22+13		52		
RT. 22+13	TO	RT. 23+05	368			
RT. 23+05	TO	RT. 23+15		70		
RT. 23+15	TO	RT. 23+47	126			
TOTALS			12,814	2418	216	53

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SCHEDULE - 2  
 18th STREET SAFE ROUTES TO SCHOOL  
 CITY OF HERRIN, ILLINOIS

Date 05/2023 DR. By CWB CK'D By NOD  
 Scale N.T.S. Job No. 21197 Sheet No. 06 of 33



ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
MS 6240	22-00076 -00-SW	WILLIAMSON	33	07
ILLINOIS		18TH STREET		

CONTRACT NO. 99716



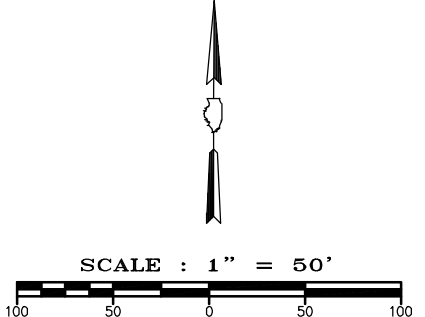
**PROJECT BEGINS:**  
 STA=0+22.00  
 N=417379.46  
 E=782653.11

MATCHLINE  
 STA. 12+00



**PROJECT ENDS:**  
 STA=23+52.00  
 N=415049.66  
 E=782642.52

MATCHLINE  
 STA. 12+00



PA21197 - Herrin, SRIS Grant Drawings - Plans 21197 - 07 GENERAL LAYOUT.dwg 9-08-23 03:26:34 PM mklbrumby

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GENERAL LAYOUT 18th STREET SAFE ROUTES TO SCHOOL CITY HERRIN, ILLINOIS	
Date	05/2023
DR. By	MKK
CK'D By	DHR
Scale	1"=50'
Job No.	21197
Sheet No.	7 of 33



ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
MS 6240	22-00076 -00-SW	WILLIAMSON	33	08
ILLINOIS		18TH STREET		

CONTRACT NO. 99716



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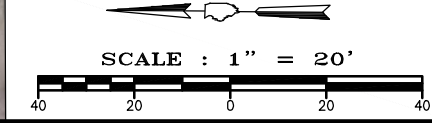
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STA. REMOVALS - 0+00 TO STA. 2+92 18th STREET SAFE ROUTES TO SCHOOL CITY OF HERRIN, ILLINOIS	
Date	06/2023
DR. By	MKK
CK'D By	DHR
Scale	1"=20'
Job No.	21197
Sheet No.	8 of 31



ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
MS 6240	22-00076 -00-SW	WILLIAMSON	33	09
ILLINOIS		18TH STREET		
CONTRACT NO. 99716				



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Date 06/2023	DR. By MKK CK'D By DHR
Scale 1"=20'	Job No. 21197 Sheet No. 9 of 33



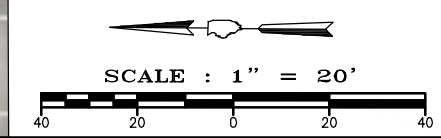
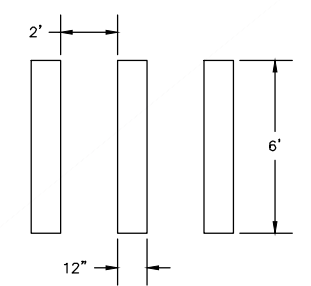
ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
MS 6240	22-00076 -00-SW	WILLIAMSON	33	10
ILLINOIS		18TH STREET		

CONTRACT NO. 99716



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**DETAIL  
PAINT PAVEMENT MARKING - LINE 12"**



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REMOVALS - STA. 5+97 TO STA. 9+02	
18th STREET SAFE ROUTES TO SCHOOL	
CITY OF HERRIN, ILLINOIS	
Date 06/2023	DR. By MKK CK'D By DHR
Scale 1"=20'	Job No. 21197 Sheet No. 10 of 33



ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
MS 6240	22-00076 -00-SW	WILLIAMSON	33	11
ILLINOIS		18TH STREET		

CONTRACT NO. 99716



MATCHLINE  
STA. 9+02

MATCHLINE  
STA. 12+07

NORTH 18th STREET

W. VAN BUREN ST.

EXISTING  
PARKING LOT #2

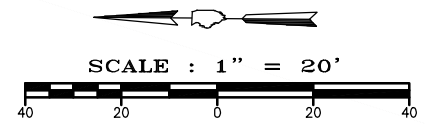
SIDEWALK REMOVAL  
368 SQ. FT.

4' (TYP.)

10+00

11+00

12+00



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REMOVALS - STA. 9+02 TO STA. 12+07 18th STREET SAFE ROUTES TO SCHOOL CITY OF HERRIN, ILLINOIS	
Date	06/2023
DR. By	MKK
CK'D By	DHR
Scale	1"=20'
Job No.	21197
Sheet No.	11 of 33

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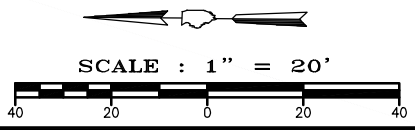


ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
MS 6240	22-00076 -00-SW	WILLIAMSON	33	12
ILLINOIS		18TH STREET		

CONTRACT NO. 99716



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REMOVALS - STA. 12+07 TO STA. 15+12 18th STREET SAFE ROUTES TO SCHOOL CITY OF HERRIN, ILLINOIS	
Date 06/2023	DR. By MKK CK'D By DHR
Scale 1"=20'	Job No. 21197 Sheet No. 12 of 33



ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
MS 6240	22-00076 -00-SW	WILLIAMSON	33	13
ILLINOIS		18TH STREET		

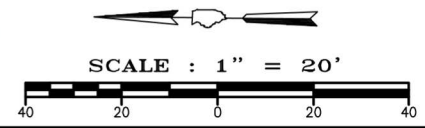
CONTRACT NO. 99716



MATCHLINE  
STA. 15+12

MATCHLINE  
STA. 18+17

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REMOVALS - STA. 15+12 TO STA. 18+17 18th STREET SAFE ROUTES TO SCHOOL CITY OF HERRIN, ILLINOIS	
Date	06/2023
DR. By	MKK
CK'D By	DHR
Scale	1"=20'
Job No.	21197
Sheet No.	13 of 33



ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
MS 6240	22-00076 -00-SW	WILLIAMSON	33	14
ILLINOIS		18TH STREET		

CONTRACT NO. 99716

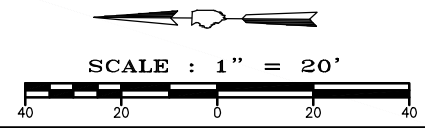


MATCHLINE STA. 18+17

MATCHLINE STA. 21+22

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NOTE:  
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REMOVALS - STA. 18+17 TO STA. 21+22  
18th STREET SAFE ROUTES TO SCHOOL  
CITY OF HERRIN, ILLINOIS

Date 06/2023 DR. By MKK CK'D By DHR  
Scale 1"=20' Job No. 21197 Sheet No. 14 of 33



ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
MS 6240	22-00076 -00-SW	WILLIAMSON	33	15
ILLINOIS		18TH STREET		

CONTRACT NO. 99716



**PROJECT ENDS:**  
 STA=23+52.00  
 N=415049.66  
 E=782642.52

SIDEWALK REMOVAL  
920 SQ. FT.

DRIVEWAY PAVEMENT REMOVAL  
17 SQ. YD.

SIDEWALK REMOVAL  
724 SQ. FT.

4" (TYP.)

SIDEWALK REMOVAL  
70 SQ FT

SIDEWALK REMOVAL  
165 SQ. FT.

NORTH 18th STREET

WEST HERRIN STREET

MATCHLINE  
STA. 21+22

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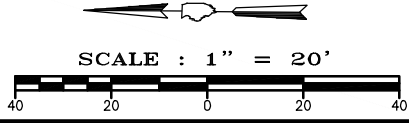
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DATE	NO.

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REMOVALS - STA. 21+22 TO STA. 23+82  
 18th STREET SAFE ROUTES TO SCHOOL  
 CITY OF HERRIN, ILLINOIS

Date 06/2023 DR. By MKK CK'D By DHR  
 Scale 1"=20' Job No. 21197 Sheet No. 15 of 33





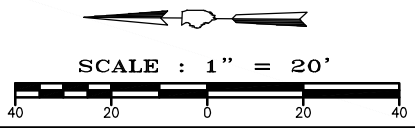
ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
MS 6240	22-00076 -00-SW	WILLIAMSON	33	16
ILLINOIS		18TH STREET		

CONTRACT NO. 99716



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PLAN - STA. 0+00 TO STA. 2+92 18th STREET SAFE ROUTES TO SCHOOL CITY OF HERRIN, ILLINOIS	
Date	06/2023
DR. By	MKK
CK'D By	DHR
Scale	1"=20'
Job No.	21197
Sheet No.	16 of 33





ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
MS 6240	22-00076 -00-SW	WILLIAMSON	33	17

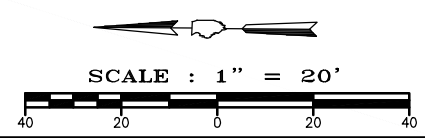
ILLINOIS 18TH STREET

CONTRACT NO. 99716



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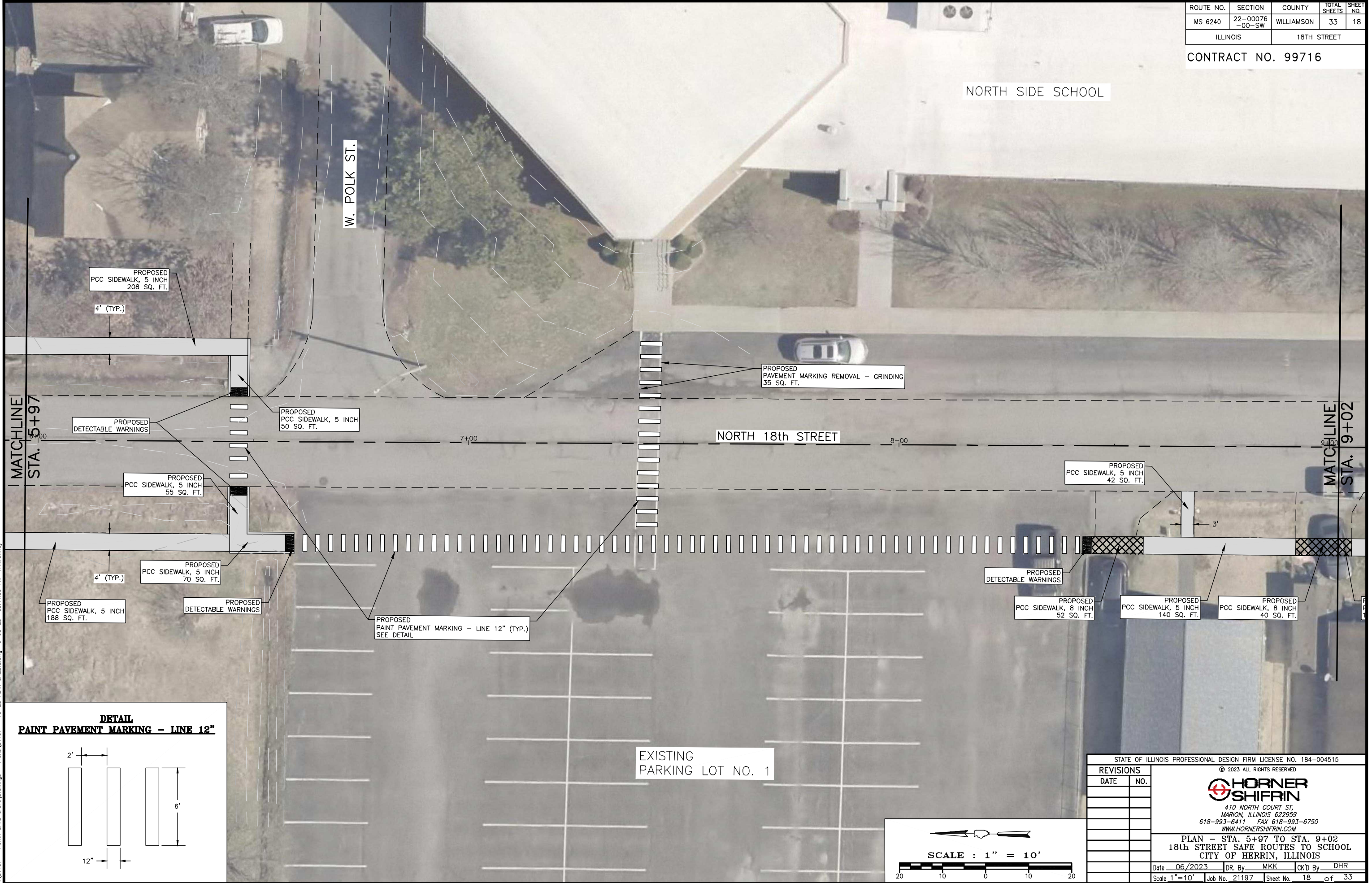
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PLAN - STA. 2+92 TO STA. 5+97 18th STREET SAFE ROUTES TO SCHOOL CITY OF HERRIN, ILLINOIS	
Date	06/2023
DR. By	MKK
CK'D By	DHR
Scale	1"=10'
Job No.	21197
Sheet No.	17 of 33





ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
MS 6240	22-00076 -00-SW	WILLIAMSON	33	18
ILLINOIS		18TH STREET		

CONTRACT NO. 99716

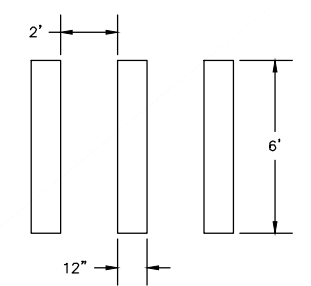


MATCHLINE STA. 5+97

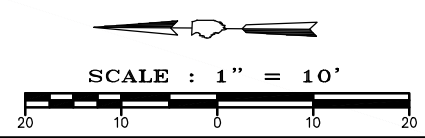
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**DETAIL  
PAINT PAVEMENT MARKING - LINE 12"**



EXISTING  
PARKING LOT NO. 1



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PLAN - STA. 5+97 TO STA. 9+02 18th STREET SAFE ROUTES TO SCHOOL CITY OF HERRIN, ILLINOIS	
Date 06/2023	DR. By MKK CK'D By DHR
Scale 1"=10'	Job No. 21197 Sheet No. 18 of 33

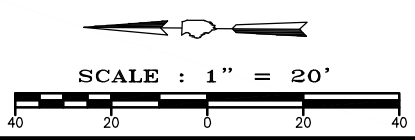


ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
MS 6240	22-00076 -00-SW	WILLIAMSON	33	19
ILLINOIS		18TH STREET		
CONTRACT NO. 99716				



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PLAN - STA. 9+02 TO STA. 12+07 18th STREET SAFE ROUTES TO SCHOOL CITY OF HERRIN, ILLINOIS	
Date	06/2023
DR. By	MKK
CK'D By	DHR
Scale	1"=20'
Job No.	21197
Sheet No.	19 of 33





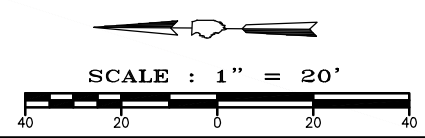
ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
MS 6240	22-00076 -00-SW	WILLIAMSON	33	20
ILLINOIS		18TH STREET		

CONTRACT NO. 99716



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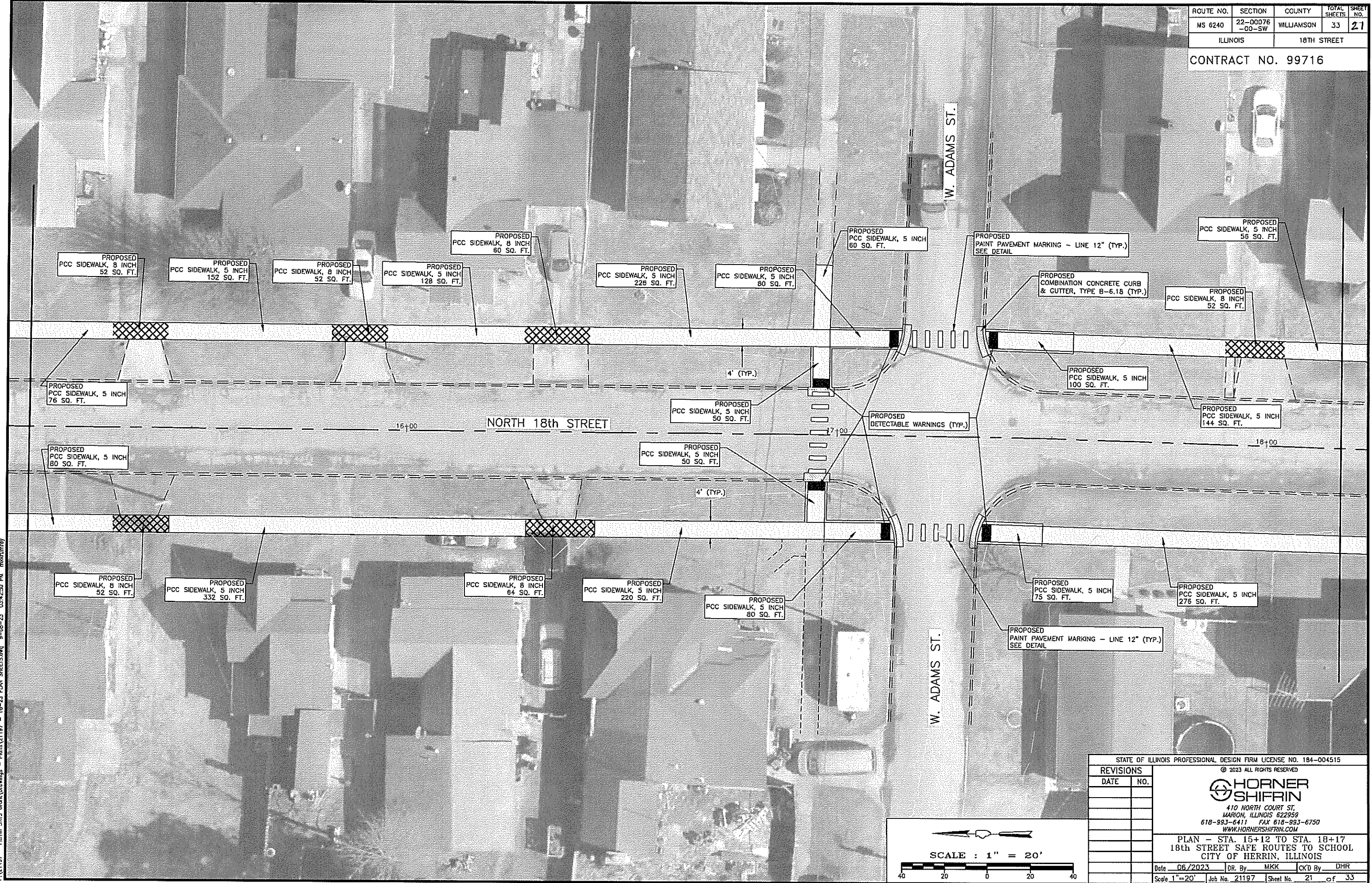
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PLAN - STA. 12+07 TO STA. 15+12 18th STREET SAFE ROUTES TO SCHOOL CITY OF HERRIN, ILLINOIS	
Date 06/2023	DR. By MKK CK'D By DHR
Scale 1"=20'	Job No. 21197 Sheet No. 20 of 33



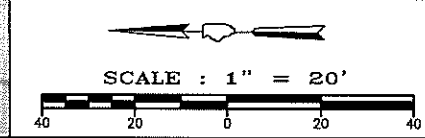


ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
MS 6240	22-00976-00-SW	WILLIAMSON	33	21
ILLINOIS		18TH STREET		

CONTRACT NO. 99716



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PLAN - STA. 15+12 TO STA. 18+17 18th STREET SAFE ROUTES TO SCHOOL CITY OF HERRIN, ILLINOIS	
Date	06/2023
DR. By	MKK
CK'D By	DHR
Scale	1"=20'
Job No.	21197
Sheet No.	21 of 33



ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
MS 6240	22-00076 -00-SW	WILLIAMSON	33	22
ILLINOIS		18TH STREET		
CONTRACT NO. 99716				

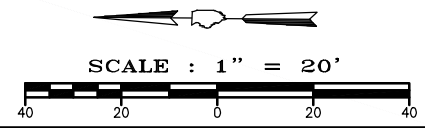


W. MADISON ST.

W. MADISON ST.

NORTH 18th STREET

NOTE:  
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DATE	NO.

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PLAN - STA. 18+17 TO STA. 21+22  
18th STREET SAFE ROUTES TO SCHOOL  
CITY OF HERRIN, ILLINOIS

Date 06/2023 DR. By MKK CK'D By DHR  
Scale 1"=20' Job No. 21197 Sheet No. 22 of 33

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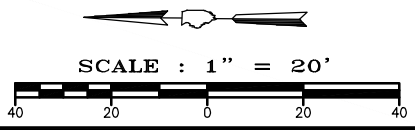
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MS 6240	22-00076 -00-SW	WILLIAMSON	33	23
ILLINOIS		18TH STREET		

CONTRACT NO. 99716



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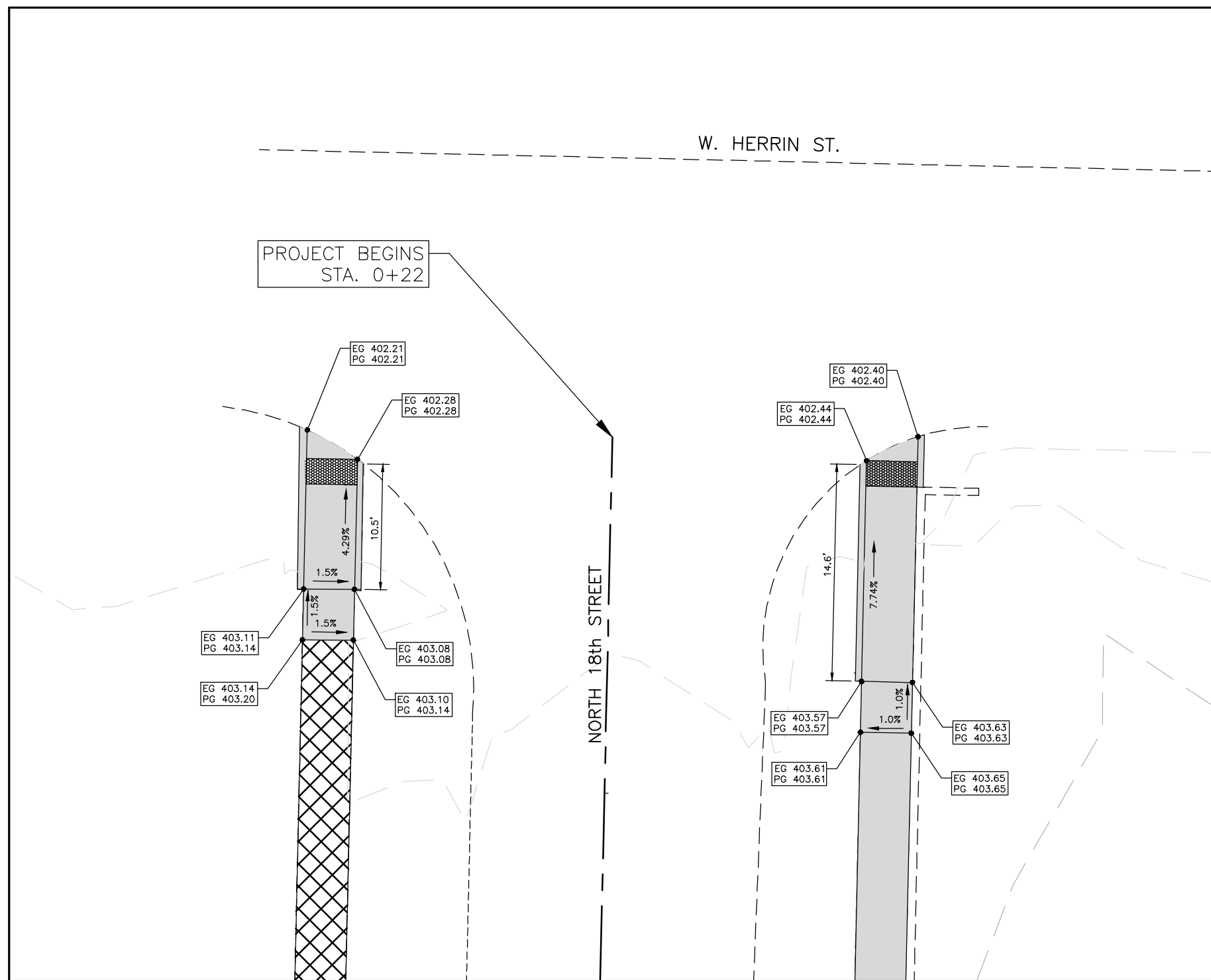
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Date	06/2023
DR. By	MKK
CK'D By	DHR
Scale	1"=20'
Job No.	21197
Sheet No.	23 of 33





ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
MS 6240	22-00076 -00-SW	WILLIAMSON	33	24
ILLINOIS		18TH STREET		

CONTRACT NO. 99716



PROJECT BEGINS  
STA. 0+22

W. HERRIN ST.

NORTH 18th STREET

EG 402.21  
PG 402.21

EG 402.28  
PG 402.28

EG 403.11  
PG 403.14

EG 403.14  
PG 403.20

EG 403.08  
PG 403.08

EG 403.10  
PG 403.14

EG 402.40  
PG 402.40

EG 402.44  
PG 402.44

EG 403.57  
PG 403.57

EG 403.61  
PG 403.61

EG 403.63  
PG 403.63

EG 403.65  
PG 403.65



SCALE : 1" = 20'

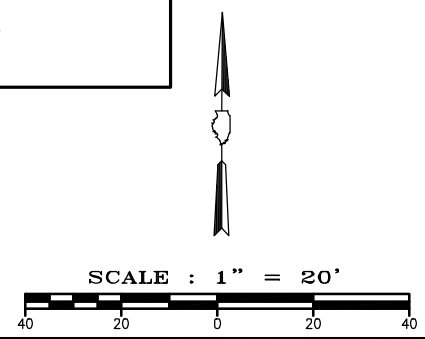
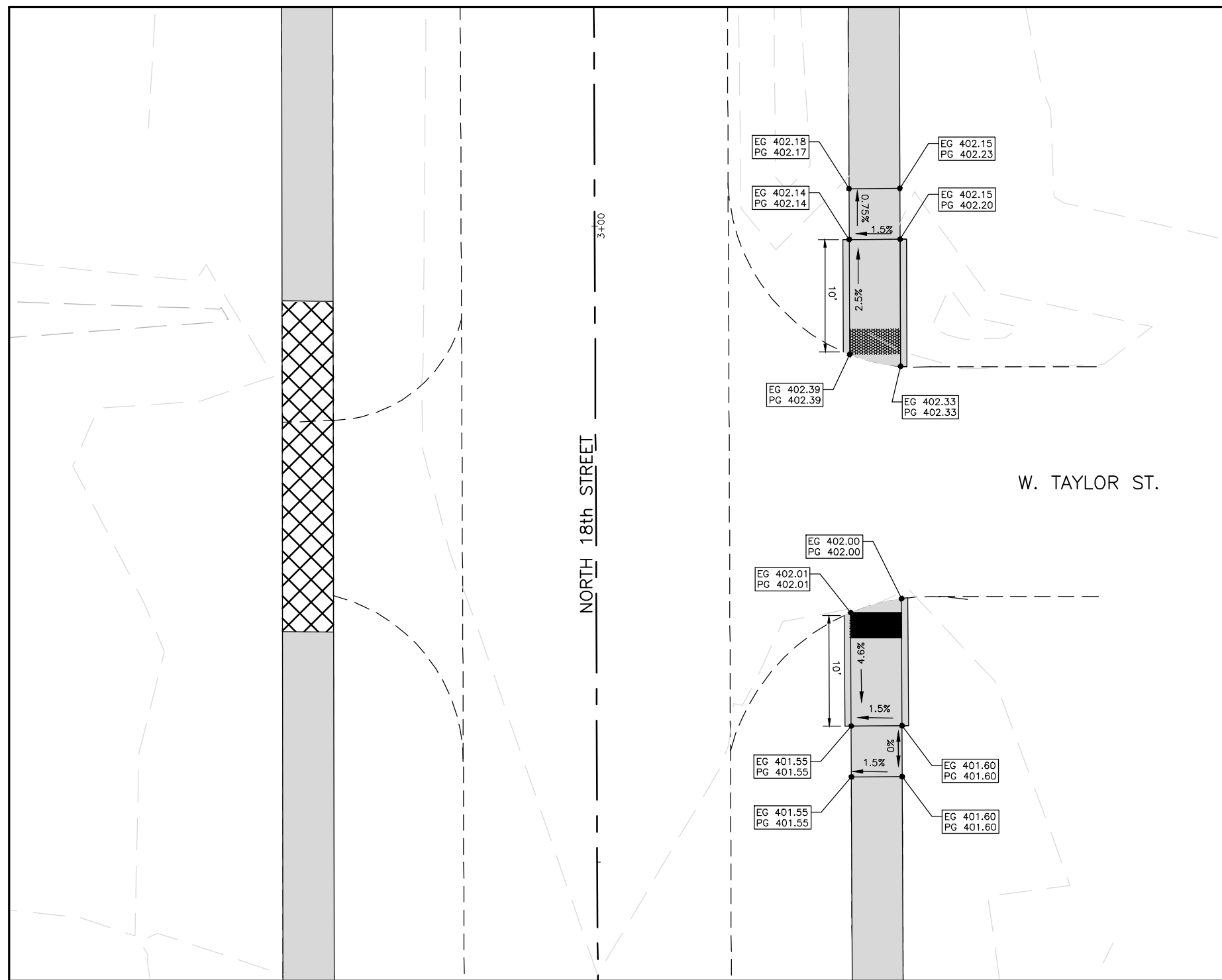
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ADA RAMP DETAIL AT HERRIN STREET 18th STREET SAFE ROUTE TO SCHOOL CITY OF HERRIN, ILLINOIS	
Date	05/2023
DR. By	CWB
CK'D By	NOD
Scale	1"=20'
Job No.	21197
Sheet No.	24 of 33

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ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
MS 6240	22-00076 -00-SW	WILLIAMSON	33	25
ILLINOIS		18TH STREET		

CONTRACT NO. 99716



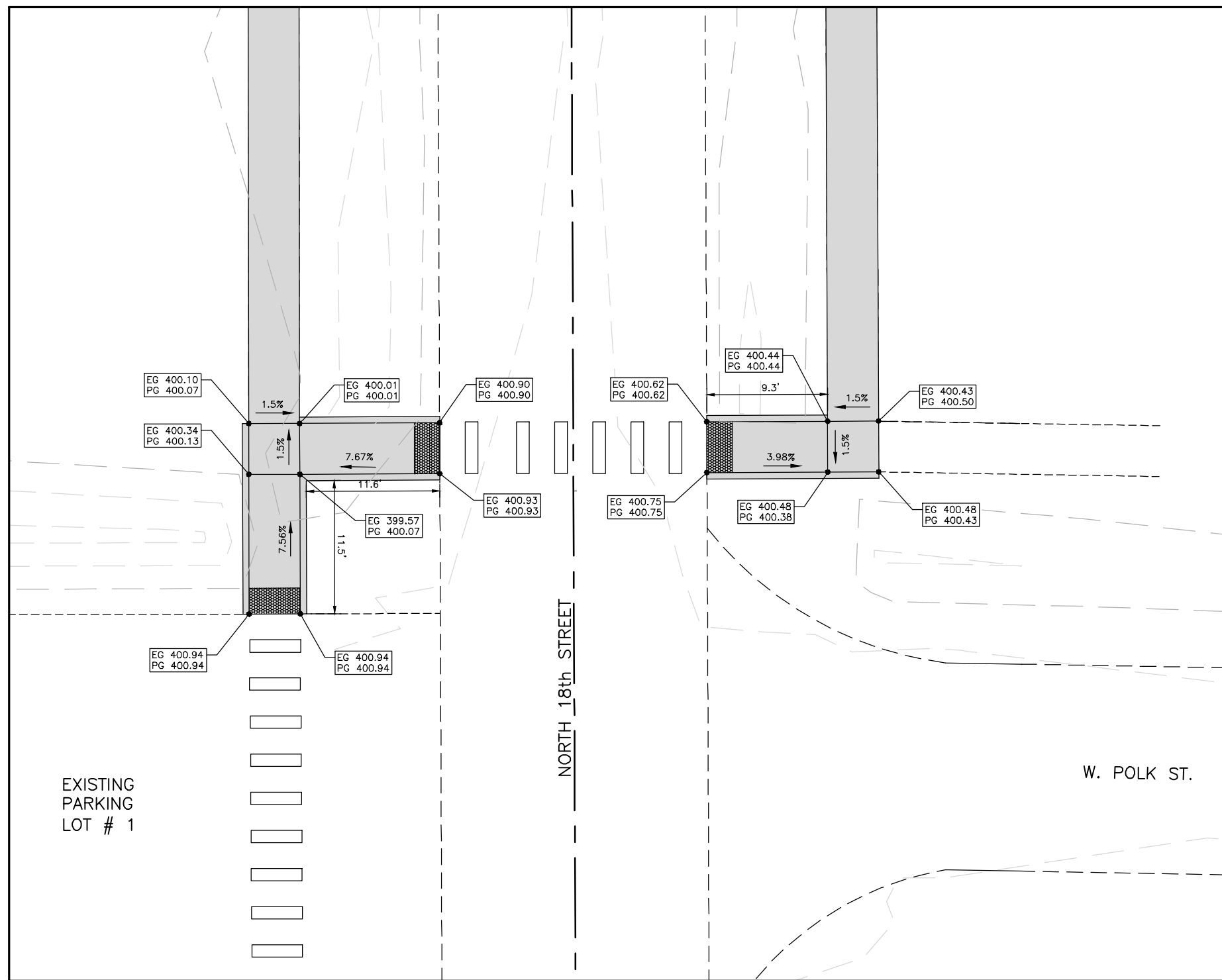
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ADA RAMP DETAIL AT TAYLOR STREET 18th STREET SAFE ROUTE TO SCHOOL CITY OF HERRIN, ILLINOIS	
Date	05/2023
DR. By	CWB
CK'D By	NOD
Scale	1"=20'
Job No.	21197
Sheet No.	25 of 33

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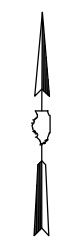


ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
MS 6240	22-00076 -00-SW	WILLIAMSON	33	26
ILLINOIS		18TH STREET		

CONTRACT NO. 99716



PA\21197 - Herrin SRIS Grant\Drawings - Plans\21197 - 24-30 DETAILS ADA Ramps.dwg 9-08-23 05:44:27 PM mtkruntray



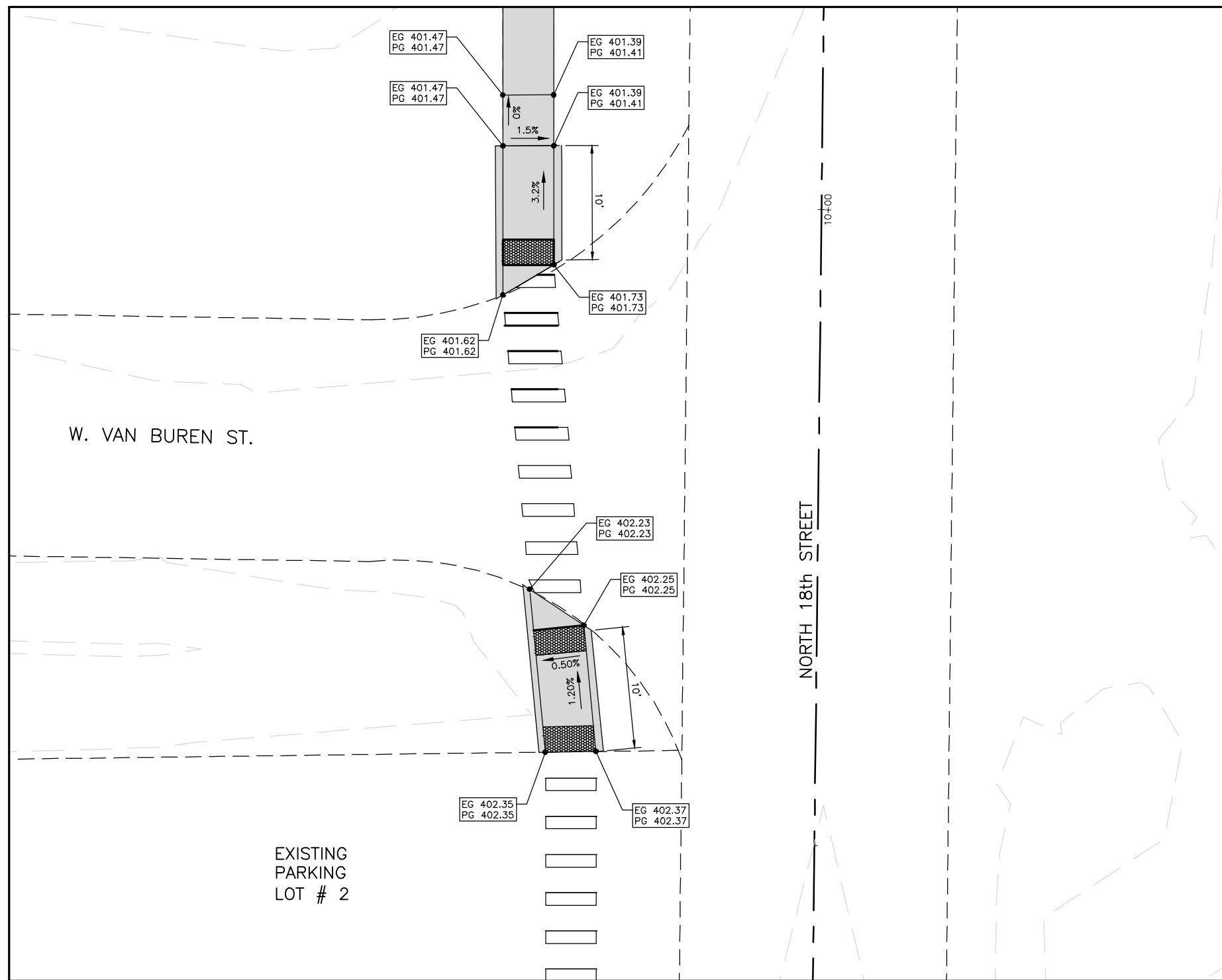
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ADA RAMP DETAIL AT POLK STREET 18th STREET SAFE ROUTES TO SCHOOL CITY OF HERRIN, ILLINOIS	
Date	05/2023
DR. By	CWB
CK'D By	NOD
Scale	1"=20'
Job No.	21197
Sheet No.	26 of 33

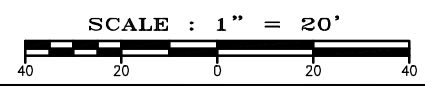
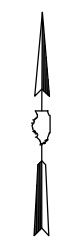


ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
MS 6240	22-00076 -00-SW	WILLIAMSON	33	27
ILLINOIS		18TH STREET		

CONTRACT NO. 99716



PA\21197 - Herrin SRIS Grant\Drawings - Plans\21197 - 24-30 DETAILS ADA Ramps.dwg 9-12-23 11:56:07 AM mtkumrey

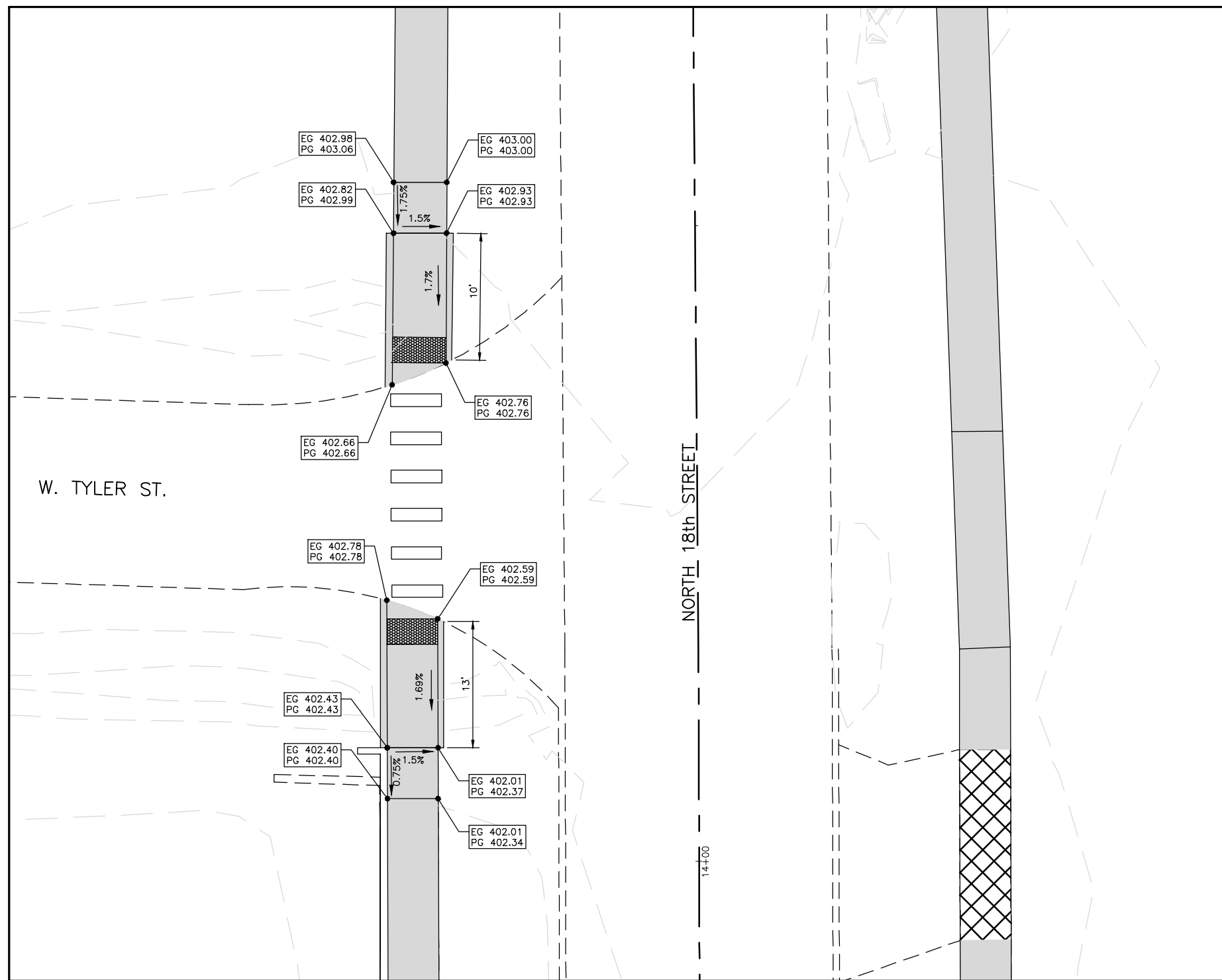


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ADA RAMP DETAIL AT VAN BUREN STREET 18th STREET SAFE ROUTES TO SCHOOL CITY OF HERRIN, ILLINOIS	
Date	05/2023
DR. By	CWB
CK'D By	NOD
Scale	1"=20'
Job No.	21197
Sheet No.	27 of 33

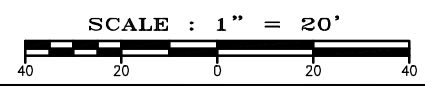
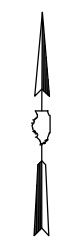


ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
MS 6240	22-00076 -00-SW	WILLIAMSON	33	28
ILLINOIS		18TH STREET		

CONTRACT NO. 99716



PA\21197 - Herrin SRIS Grant\Drawings - Plans\21197 - 24-30 DETAILS ADA Ramps.dwg 9-08-23 03:45:46 PM mtkraunrey

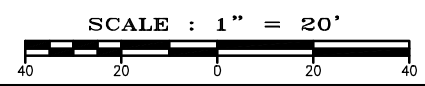
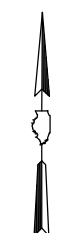
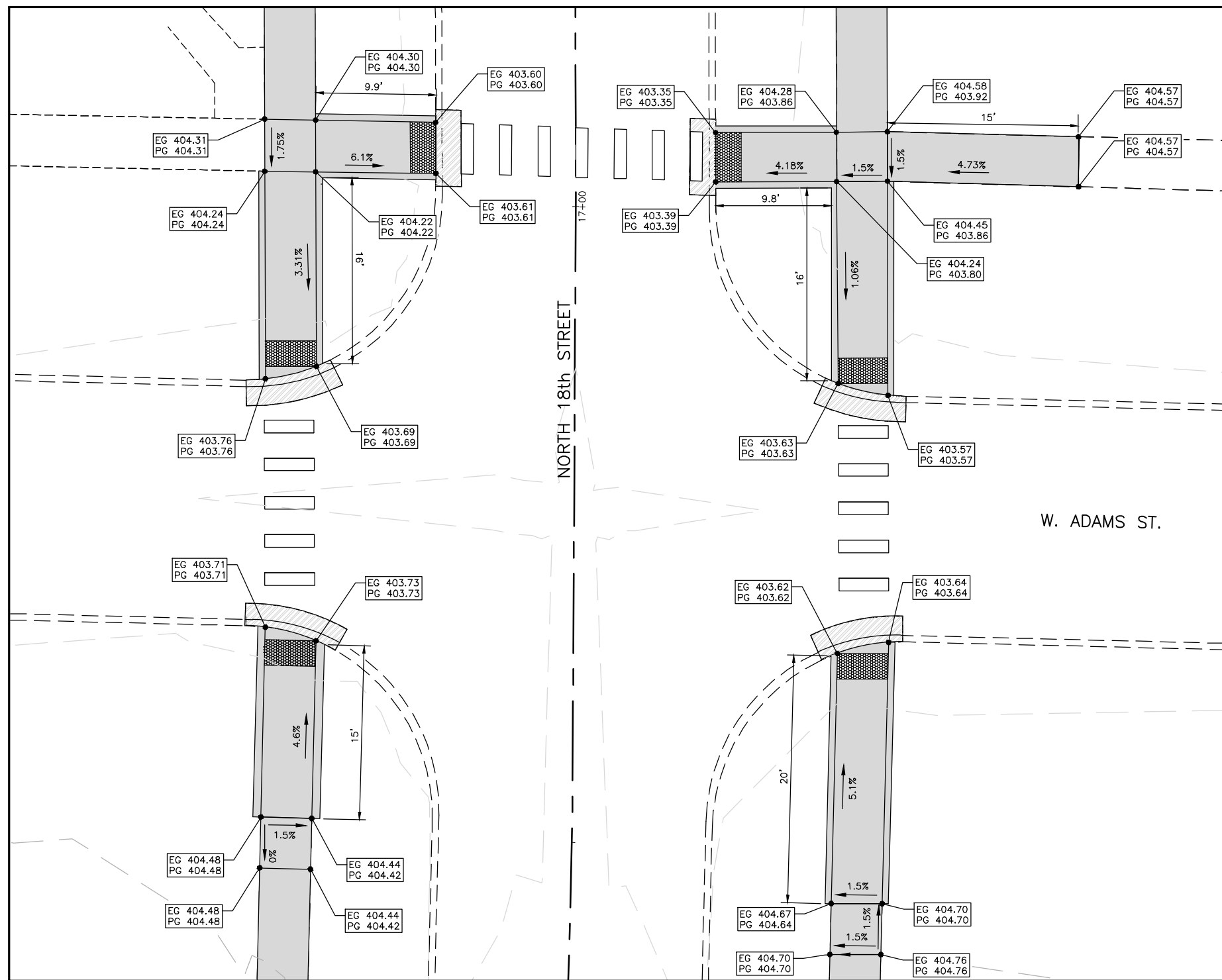


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ADA RAMP DETAIL AT TYLER STREET 18th STREET SAFE ROUTES TO SCHOOL CITY OF HERRIN, ILLINOIS	
Date	05/2023
DR. By	CWB
CK'D By	NOD
Scale	1"=20'
Job No.	21197
Sheet No.	28 of 33



ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
MS 6240	22-00076 -00-SW	WILLIAMSON	33	29
ILLINOIS		18TH STREET		

CONTRACT NO. 99716



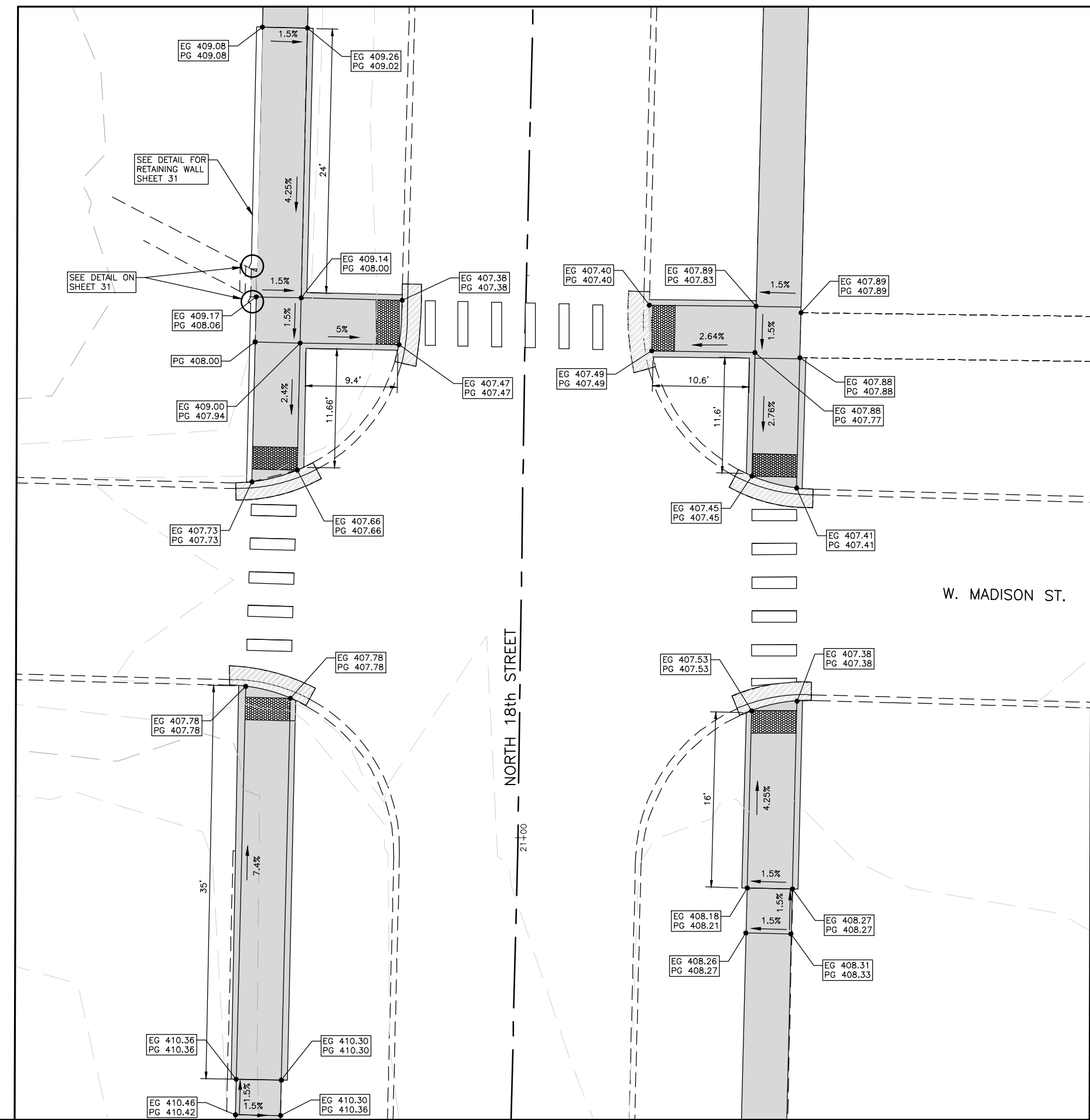
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ADA RAMP DETAIL AT ADAMS STREET 18th STREET SAFE ROUTES TO SCHOOL CITY OF HERRIN, ILLINOIS	
Date	05/2023
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Scale	1"=20'
Job No.	21197
Sheet No.	29 of 33

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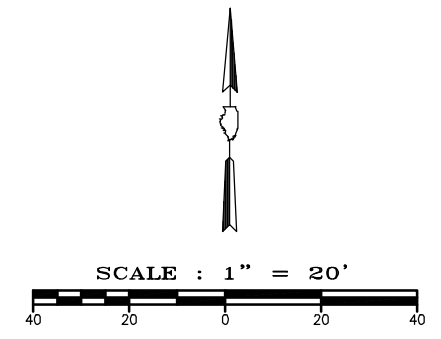
ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
MS 6240	22-00076 -00-SW	WILLIAMSON	33	30
ILLINOIS		18TH STREET		

CONTRACT NO. 99716



W. MADISON ST.

NORTH 18th STREET



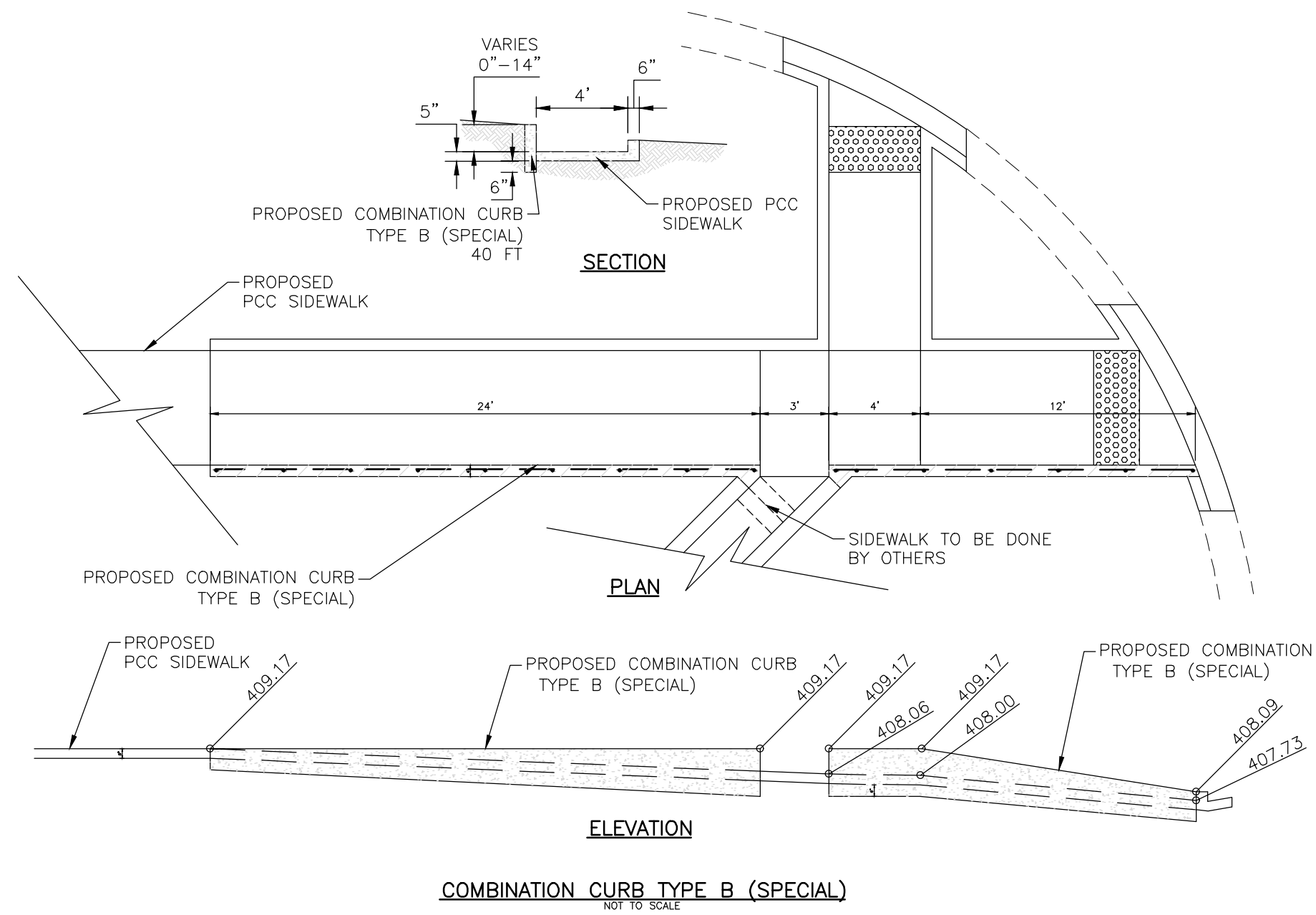
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Date	05/2023
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Job No.	21197
Sheet No.	30 of 33

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ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
MS 6240	22-00076 -00-SW	WILLIAMSON	33	31
ILLINOIS		18TH STREET		

CONTRACT NO. 99716



**COMBINATION CURB TYPE B (SPECIAL)**  
NOT TO SCALE

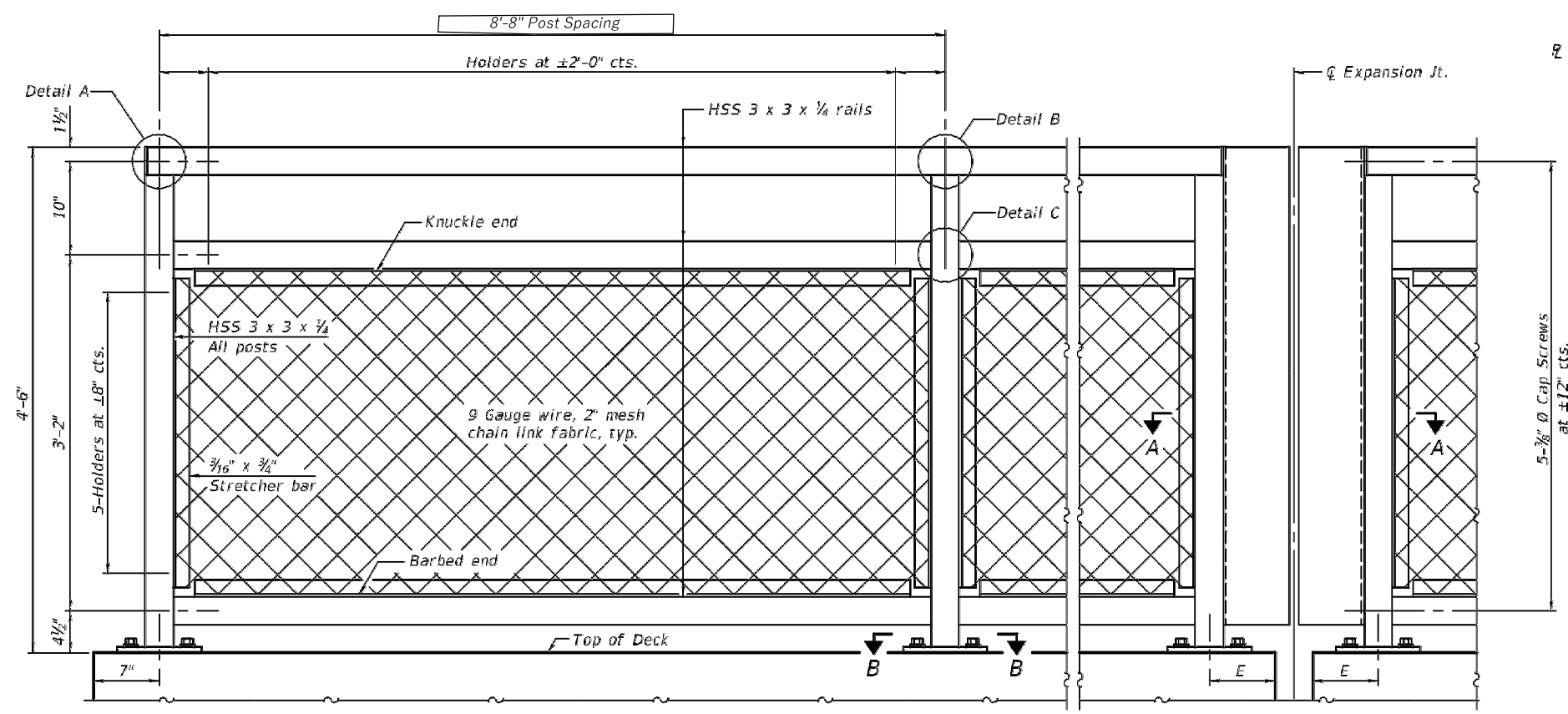
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<b>MISCELLANEOUS DETAILS</b> <b>18th STREET SAFE ROUTES TO SCHOOL</b> <b>CITY OF HERRIN, ILLINOIS</b>	
Date 07/2023	DR. By PLD CK'D By JVZ
Scale N.T.S.	Job No. 21197 Sheet No. 31 of 33

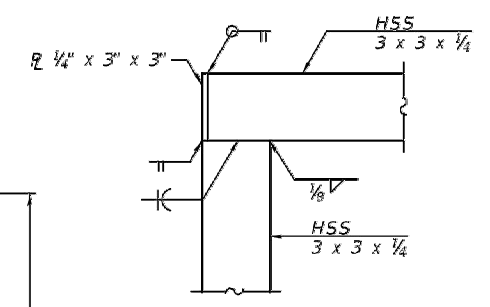


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ILLINOIS		18TH STREET		

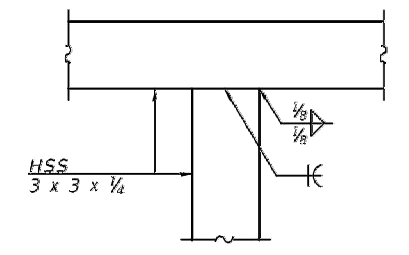
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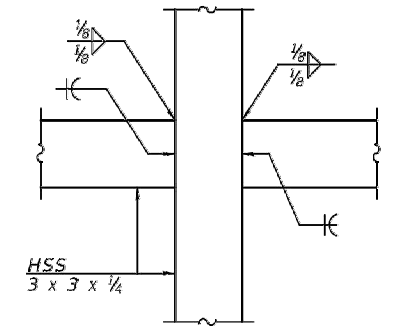
ELEVATION BICYCLE RAILING  
 (Inside face)



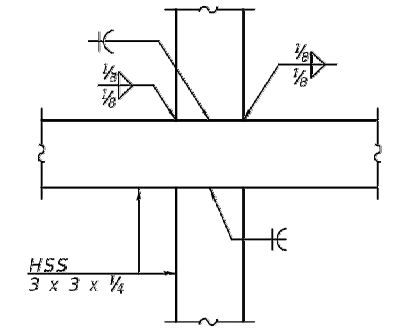
DETAIL A



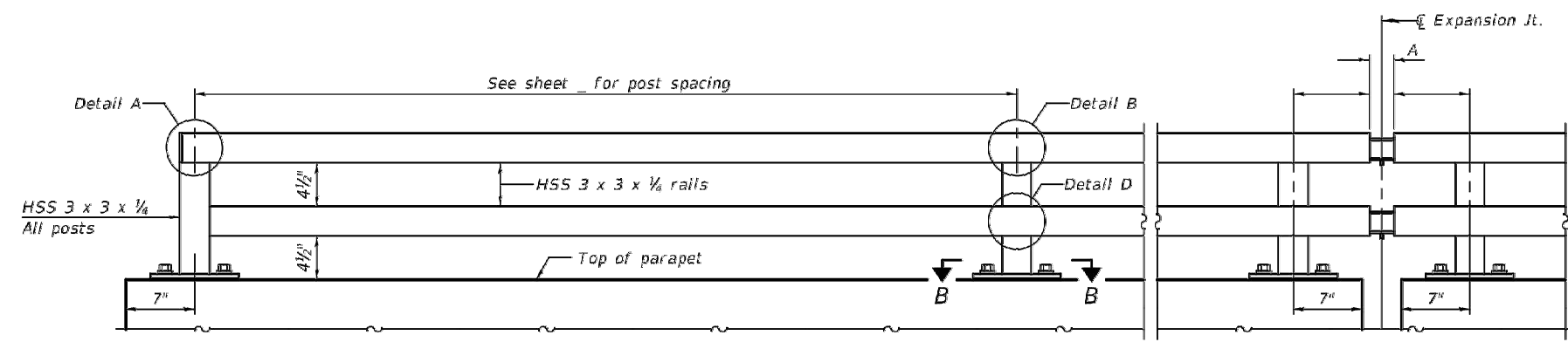
DETAIL B



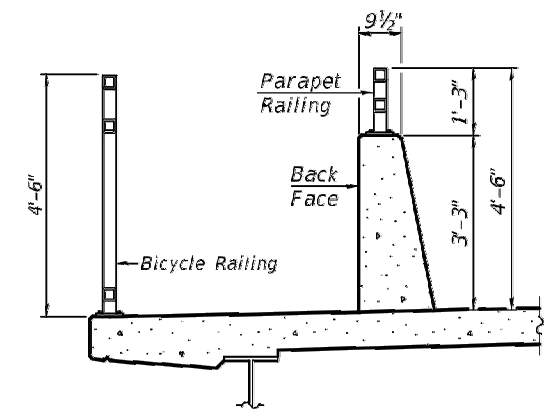
DETAIL C



DETAIL D



ELEVATION PARAPET RAILING  
 (Inside face)



SECTION THRU DECK

RAILING CRITERIA

MASH 2016 Test Level	4
Parapet Railing Weight (plf)	25
Bicycle Railing Weight (plf)	50
Max Post Spacing	10'-0"

R-29 9-1-2022

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 Date 07/2023 DR. By PLD CK'D By JVZ  
 Scale N.T.S. Job No. 21197 Sheet No. 32 of 33

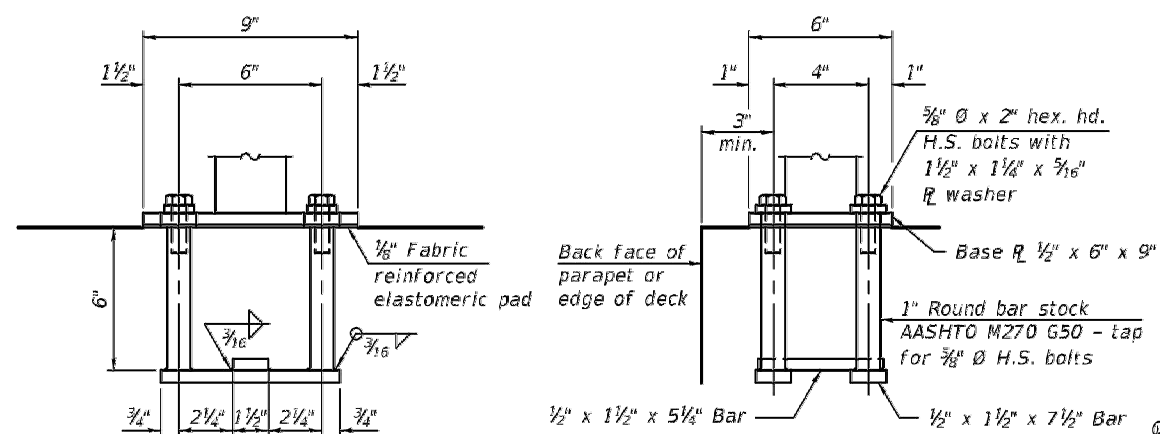
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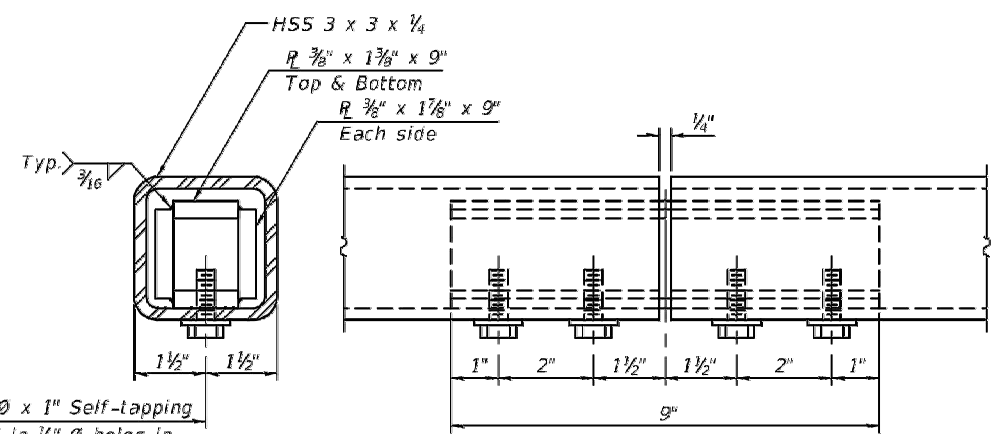
ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
MS 6240	22-00076 -00-SW	WILLIAMSON	33	33
ILLINOIS		18TH STREET		

CONTRACT NO. 99716

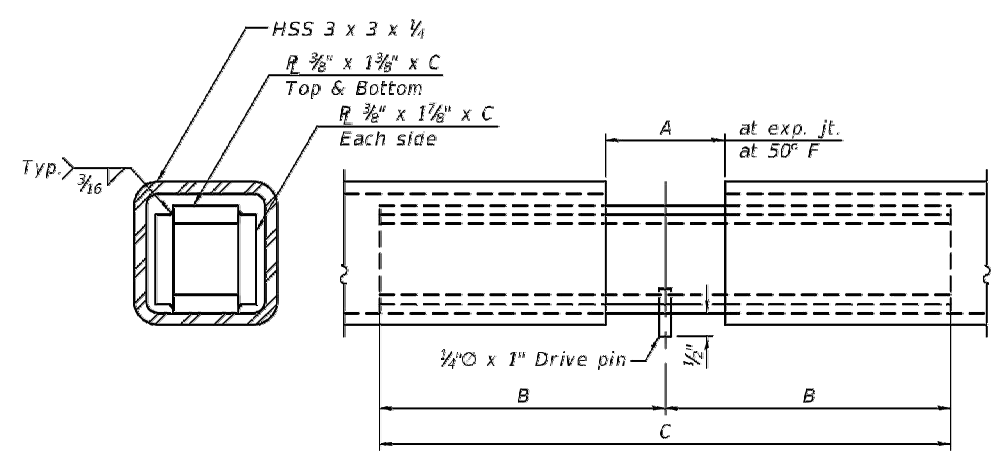


**ANCHORAGE ASSEMBLY**

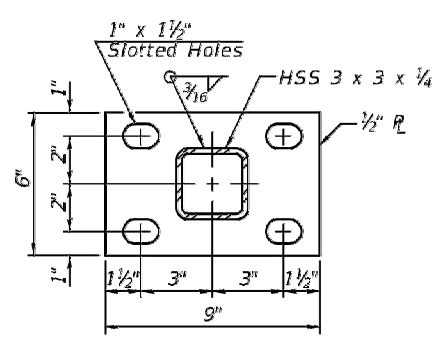
The Bicycle Railing fasteners for end posts near expansion joints may need to be installed prior to installing the bent plates. In lieu of the cast-in-place anchor device shown, the Contractor has the option of drilling and setting 5/8" Ø fully threaded anchor rods with the same plate washers as specified above and heavy hex lock nuts according to Article 509.06 of the Standard Specifications. Embedment shall be according to the manufacturer's specifications.



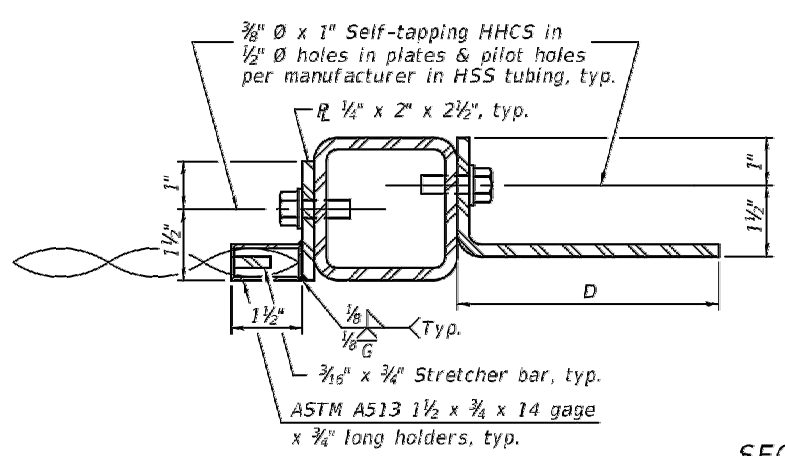
**MATERIAL SPLICE**



**EXPANSION SPLICE**

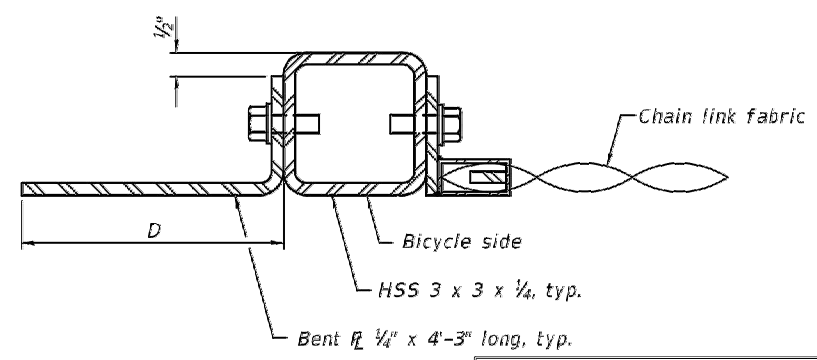


**SECTION B-B**



**BILL OF MATERIAL**

Bicycle Railing	Foot	53'
Parapet Railing	Foot	—



**SECTION A-A**

**TABLE OF DIMENSIONS**

Location	T	A	B	C	D	E
Over Strip Seal Jt.	≤4"	2 1/2"	1'-2"	2'-4"	7 1/4"	7"
Over Finger or Modular Jt.	≤9 1/2"	5 1/2"	1'-7 3/4"	3'-3 1/2"		
Over Finger or Modular Jt.	≤15"	8 1/4"	2'-1 1/2"	4'-2 1/2"		

T = ; total movement based on total temperature range from -20°F to 120°F along centerline of roadway at expansion joint.

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Notes:  
 Place reinforcement bars to miss anchor rod locations.  
 CVN testing is not required for the HSS tubing used in the Bicycle Railing.  
 All HSS tubing used for the Parapet Railing shall be CVN tested according to Article 1006.34(b) of the Standard Specifications.  
 All HSS tubing used for the Parapet Railing shall be ASTM A500 grade C.  
 All base plates used for the Parapet Railing shall be AASHTO M270 grade 50.  
 All heavy hex nuts shall be according to ASTM A 563 grade DH.  
 All fully threaded anchor rods shall be ASTM F1554 grade 105.  
 The post base plate shall be fastened to the curb snug tight and given an additional 1/8" turn.  
 Rail splice inserts may be built out of bent plates of the same thicknesses and outside geometry limits as the 4 plate rail splice inserts shown.  
 When the contract specifies a galvanized railing, all steel rail elements shall be galvanized according to Article 509.05 of the Standard Specifications. When the contract specifies a painted railing, all posts, rail, splices, anchor devices and plates of the railing shall be painted according to the paint system for railings as specified in the General Notes.  
 See sheet \_ of \_ for dimensions of concrete openings at expansion joints.  
 The organic zinc rich primer/epoxy/urethane paint system shall be used for painting the railing. The entire system shall be shop applied. The color of the final finish coat shall be munsen black no. 1.

(Sheet 2 of 2)

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