

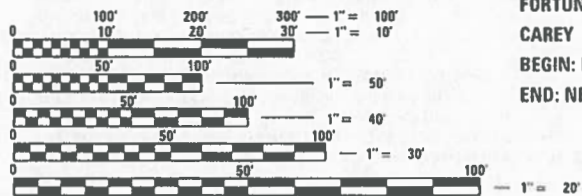
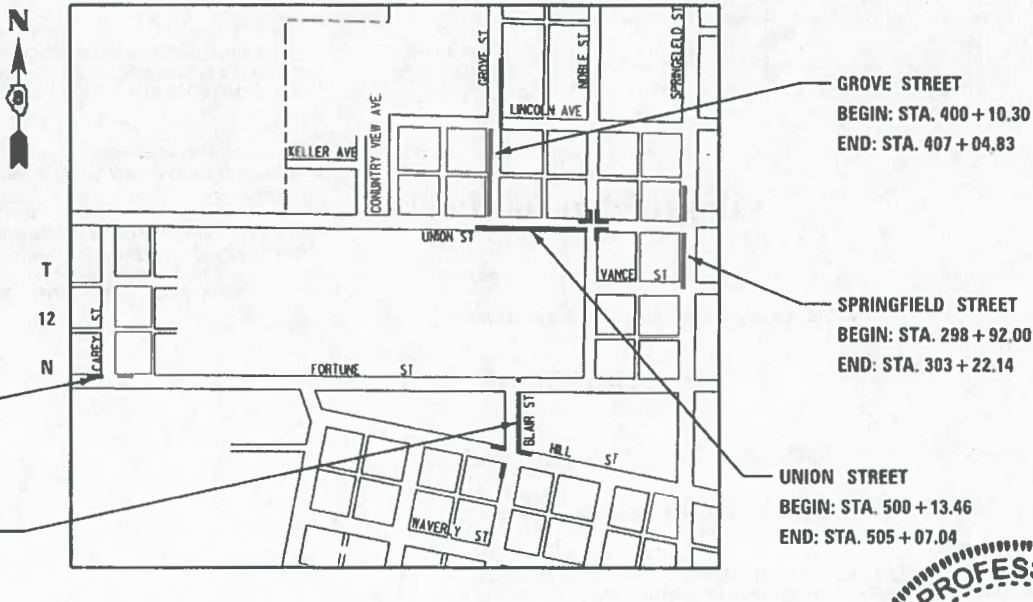
11/07/2025 LETTING ITEM 133

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	22-00020-00-SW	MACOUPIN	24	1
		ILLINOIS	CONTRACT NO. 93844	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
**PROPOSED
HIGHWAY PLANS**

SECTION 22-00020-00-SW
PROJECT GMG6(277)
SAFE ROUTES TO SCHOOLS PROGRAM
SIDEWALK IMPROVEMENTS
CITY OF VIRDEN
MACOUPIN COUNTY

C-96-021-26
R 6 W 3rd PM



FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

J.U.L.I.E.
JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION
1-800-892-0123
OR 811

GROSS LENGTH = 1978.55 FT. = 0.375 MILES
NET LENGTH = 1978.55 FT. = 0.375 MILES
DESIGN CLASS: SPRINGFIELD ST. - OTHER PRINCIPAL ARTERIAL - 6650 ADT
GROVE ST. - LOCAL ROAD - 200 ADT
UNION ST. - LOCAL ROAD - 300 ADT
FORTUNE ST. - LOCAL ROAD - 600 ADT
BLAIR ST. - LOCAL ROAD - 200 ADT



BY *[Signature]*
MAYOR OF VIRDEN, IL
DATE 7/24/25



BY *[Signature]*
DATE 7/24/25

BENTON & ASSOCIATES, INC.
CONSULTING ENGINEERS / LAND SURVEYORS
1870 WEST LAFAYETTE AVE.
JACKSONVILLE, IL 62650
PHONE: 217-265-4140 FAX: 217-265-4148
IL DESIGN FIRM REGISTRATION NO. 194-000852

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
SUBMITTED *[Signature]* 20 25
[Signature] (REGION 4) REGIONAL ENGINEER
[Signature] 20 25
DISTRICT 6 LOCAL ROADS & STREET ENGINEER

PRINTED BY THE AUTHORITY
OF THE STATE OF ILLINOIS

CONTRACT NO. 93844

INDEX OF SHEETS

1	COVER SHEET
2	GENERAL NOTES, HIGHWAY STANDARDS, COMMITMENTS AND MIXTURE REQUIREMENTS
3	SUMMARY OF QUANTITIES
4	TYPICAL SECTION
5-6	SCHEDULE OF QUANTITIES
7-9	ALIGNMENT, TIES, AND BENCHMARKS
10-23	ADA IMPROVEMENTS
24	CONSTRUCTION DETAILS

HIGHWAY STANDARDS

000001-08 - STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
280001-07 - TEMPORARY EROSION CONTROL SYSTEMS
420001-10 - PAVEMENT JOINTS
424001-12 - PERPENDICULAR CURB BAYS FOR SIDEWALKS
424021-07 - DEPRESSED CORNER FOR SIDEWALKS
424026-04 - ENTRANCE / ALLEY PEDESTRIAN CROSSINGS
606001-08 - CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
701006-05 - OFF-RD OPERATIONS, 2L, 2W, 15' TO 24" FROM PAVEMENT EDGE
701301-04 - LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
701501-06 - URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED
701801-06 - SIDEWALK, CORNER OR CROSSWALK CLOSURE
701901-10 - TRAFFIC CONTROL DEVICES
720006-04 - SIGN PANEL ERECTION DETAILS
728001-01 - TELESCOPING STEEL SIGN SUPPORT
729001-01 - APPLICATIONS OF TYPES A & B METAL POSTS (FOR SIGNS & MARKERS)
731001-01 - BASE FOR TELESCOPING STEEL SIGN SUPPORT

GENERAL NOTES

1. THE LOCATION OF UNDERGROUND UTILITIES SHOWN ON THE PLANS REPRESENTS THE BEST KNOWLEDGE OF THE OWNER AND THE INDICATED ADJUSTMENTS ARE CONSIDERED TO BE REASONABLY ACCURATE. IT SHALL BE THE CONTRACTORS RESPONSIBILITY TO VERIFY LOCATIONS OF UNDERGROUND INSTALLATIONS BEFORE STARTING CONSTRUCTION OPERATIONS. THE CONTRACTOR SHALL INDEMNIFY THE OWNER, ITS OFFICERS AND EMPLOYEES AGAINST ALL CLAIMS DUE TO DAMAGE TO CORPORATE OR PRIVATE PROPERTY RESULTING FROM HIS/HER CONSTRUCTION OPERATIONS AS DESCRIBED IN ARTICLE 107.20 AND 107.26 OF THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION.
2. THE CONTRACTOR MAY BE REQUIRED TO CONDUCT SOME OF HIS/HER GRADING OPERATIONS AROUND TRANSMISSION POLES AND UNDER TRANSMISSION LINES. THE ADDED COST OF SO DOING SHALL BE INCLUDED WITH THE COST OF THE CONSTRUCTION ITEM FOR WHICH THE GRADING IS BEING ACCOMPLISHED.
3. WHERE SECTION OR SUBSECTION MONUMENTS ARE ENCOUNTERED, THE ENGINEER SHALL BE NOTIFIED BEFORE SUCH MONUMENTS ARE REMOVED. THE CONTRACTOR SHALL PROTECT AND CAREFULLY PRESERVE ALL MONUMENTS UNTIL AN AUTHORIZED SURVEYOR OR AGENT HAS WITNESSED OR OTHERWISE REFERENCED THEIR LOCATION. THE CONTRACTOR WILL BE RESPONSIBLE FOR HAVING AN AUTHORIZED SURVEYOR RE-ESTABLISH ANY SECTION OR SUBSECTION MONUMENTS DESTROYED BY HIS OPERATIONS.
4. ALL ELEVATIONS SHOWN REFER TO THE U.S.G.S. DATUM - NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88).
5. ALL EXISTING ROADWAY FEATURES SUCH AS PAVEMENT, PAVEMENT MARKINGS, CURB, SIDEWALK, DRIVEWAY PAVEMENT, CULVERTS, HEADWALLS, FENCING, SIGNS, RETAINING WALLS, ETC. WHICH INTERFERE WITH THE PROPOSED CONSTRUCTION SHALL BE REMOVED BY THE CONTRACTOR UNLESS NOTED OTHERWISE ON THE PLANS. ALL MISCELLANEOUS FEATURES WHICH ARE TO BE REMOVED AND FOR WHICH THERE IS NO SPECIFIC PAY ITEM, WILL NOT BE MEASURED SEPARATELY FOR PAYMENT. THE COST OF THIS REMOVAL WORK SHALL BE INCLUDED WITH THE COST OF THE CONSTRUCTION ITEM FOR WHICH THE REMOVAL IS BEING ACCOMPLISHED.
6. ALL EXISTING PUBLIC AND MUNICIPAL OWNED UTILITIES REQUIRING ADJUSTMENT WILL BE MADE BY THE UTILITY OWNER INVOLVED UNLESS OTHERWISE NOTED. WHERE NO PROVISIONS HAVE BEEN MADE FOR ADJUSTMENT ON THE PLANS, NO ADDITIONAL COMPENSATION WILL BE ALLOWED DUE TO DELAYS OR INCONVENIENCES CAUSED BY THE SAID UTILITY ADJUSTMENTS.
7. IT IS THE CONTRACTORS RESPONSIBILITY TO ASCERTAIN EXISTING FIELD CONDITIONS BEFORE BIDDING ON THIS PROJECT, SPECIFICALLY AS THEY RELATE TO THE LUMP SUM PAY ITEMS.
8. ABANDONED UNDERGROUND UTILITIES THAT CONFLICT WITH CONSTRUCTION SHALL BE DISPOSED OUTSIDE THE LIMITS OF RIGHT OF WAY ACCORDING TO ARTICLE 202.03 OF THE STANDARD SPECIFICATIONS AND AS DIRECTED BY THE ENGINEER. THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED INCLUDED IN THE COST OF EARTH EXCAVATION AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
9. THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CONDITIONS IN THE FIELD PRIOR TO CONSTRUCTION AND ORDERING OF MATERIALS.
10. REMOVAL OF EXISTING BITUMINOUS SURFACE (OIL AND CHIP), HMA SURFACE, AGGREGATE BASE COURSE AND AGGREGATE SURFACE COURSE SHALL BE CONSIDERED INCLUDED IN EARTH EXCAVATION. ALL TRANSITIONS BETWEEN EXISTING ROADWAY SURFACES TO REMAIN AND THE PROPOSED IMPROVEMENTS SHALL BE MADE AS DIRECTED BY THE DEPARTMENT. COST OF THESE TRANSITIONS SHALL BE INCLUDED IN THE COST OF THE WORK ASSOCIATED WITH COMBINATION CONCRETE CURB AND GUTTER AND PORTLAND CEMENT CONCRETE SIDEWALK.
11. EXISTING PAVEMENT, PAVEMENT MARKING, SIGNS, SIDEWALK AND CURB AND GUTTER DAMAGED DUE TO THE CONTRACTORS NEGLIGENCE SHALL BE REPLACED TO THE SATISFACTION OF THE ENGINEER, AT NO ADDITIONAL COST TO THE DEPARTMENT.
12. DURING CONSTRUCTION OPERATIONS, THE CONTRACTOR SHALL COMPLY WITH THE LEGAL LOADING LIMITS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR REPAIRING ANY DAMAGE CAUSED BY THE LUGS OR CLEATS ON TREADS OR WHEELS, OR EQUIPMENT, OR BY EXCESSIVE WEIGHTS AND LOADS.
13. THE CONTRACTOR SHALL CONFINE HIS/HER OPERATIONS TO THE AREA LOCATED WITHIN THE CONSTRUCTION LIMITS SHOWN ON THE PLANS. ANY AREA DISTURBED BEYOND THESE LIMITS SHALL BE RESTORED TO ITS ORIGINAL CONDITION AT NO ADDITIONAL COST TO THE DEPARTMENT.
14. DURING CONSTRUCTION OPERATIONS, IF ANY LOOSE MATERIAL IS DEPOSITED IN THE FLOW LINE OF DITCHES, GUTTERS OR DRAINAGE STRUCTURES SO THAT THE NATURAL FLOW OF WATER IS OBSTRUCTED, IT SHALL BE REMOVED AT THE CLOSE OF EACH WORKING DAY. AT THE CONCLUSION OF CONSTRUCTION OPERATIONS, ALL DRAINAGE STRUCTURES SO AFFECTED SHALL BE FREE FROM ALL DEBRIS. THIS WORK SHALL BE INCLUDED IN THE COST OF EARTH EXCAVATION.

GENERAL NOTES (CONT.)

15. ALL SAW CUTS THAT ARE INDICATED IN THE PLANS SHALL BE CONSIDERED INCLUDED IN THE PORTLAND CEMENT CONCRETE SIDEWALK AND NO ADDITIONAL COST WILL BE ALLOWED.
16. ALL AREAS OF SIDEWALK REMOVAL INDICATED IN THE PLANS WHERE NO SIDEWALK IS BEING RECONSTRUCTED SHALL HAVE CLEAN EARTHEN MATERIAL PLACED, GRADED AND SEED. THE COST OF THE REQUIRED EARTHEN MATERIAL SHALL BE CONSIDERED INCLUDED IN THE COST OF THE SIDEWALK REMOVAL AND NO ADDITIONAL COST WILL BE ALLOWED.
17. A QUANTITY FOR AGGREGATE SURFACE COURSE TYPE B (TONS) HAS BEEN INCLUDED TO BE USED AS NEEDED FOR THE PURPOSE OF TEMPORARY ACCESS AND OTHER SIMILAR USES THROUGHOUT THE DURATION OF THE PROJECT AT ENGINEER'S APPROVAL.

TRAFFIC CONTROL

1. NO OVERNIGHT LANE CLOSURES WILL BE ALLOWED.
2. "ROAD CONSTRUCTION AHEAD" SIGNS SHALL BE PLACED AT THE BEGINNING AND END OF THE PROJECT AND ON THE INTERSECTING SIDE ROADS, AND SHALL BE INCLUDED IN THE TRAFFIC CONTROL PAY ITEMS, ALL CONSTRUCTION SIGNS SHALL BE (48x48) FLUORESCENT ORANGE.
3. FLAGGERS SHALL BE PRESENT DURING CLOSURE OF ANY ADJACENT TRAFFIC LANES AND NO ADDITIONAL COMPENSATION SHALL BE ALLOWED.
4. FOR STABILIZATION, ALL TYPE III BARRICADES SHALL REQUIRE A MINIMUM OF FOUR SANDBAGS PER BARRICADE.

COMMITMENTS

COMMITMENTS FOR THIS PROJECTS ARE AS FOLLOWS:

NONE

MIXTURE REQUIRMENTS

SECTION	22-00020-00-SW
COUNTY	MACOUP IN
CONTRACT	

MIXTURE USE	INCIDENTAL
AC/PG	PG64 - 22
DESIGN AIR VOIDS	4.0% @ Ndes 50
MIX COMPOSITION (GRADATION MIXTURE)	1L 9.5
FRICTION AGG	MIXTURE "C"
QUALITY MANAGEMENT PROGRAM	QC/QA

APPLICATION RATES:
SEEDING CLASS 2 = 50 LB/ACRE
NITROGEN FERTILIZER NUTRIENT = 90 LB/ACRE
PHOSPHORUS FERTILIZER NUTRIENT = 90 LB/ACRE
POTASSIUM FERTILIZER NUTRIENT = 90 LB/ACRE
MULCH, METHOD 2 = 2 TONS/ACRE

FACTORS USED FOR ESTIMATING PLAN QUANTITIES ARE AS FOLLOWS AND SHALL NOT BE USED FOR THE BASIS OF FINAL QUANTITIES:

ALL HOT-MIX ASPHALT.....	112 LB/SQ YD/INCH
BITUMINOUS MATERIALS (TACK COAT)	
ON MILLED PAVEMENTS.....	0.05 LB/SQ FT
BETWEEN HMA LIFTS.....	0.025 LB/SQ FT
BITUMINOUS MATERIALS (PRIME COAT).....	0.25 LB/SQ FT
ALL AGGREGATE.....	2.05 TON/CU YD

UTILITIES

AMEREN ILLINOIS - (800) 755-5000 - ELECTRIC

LIBERTY UTILITIES - (855) 872-3242 - GAS

SPARKLIGHT - (877) 692-2253 - CABLE/TELEPHONE/INTERNET

FRONTIER - (877) 462-8188 - TELEPHONE/INTERNET

ROYELL COMMUNICATION - (217) 965-3699 - INTERNET

CITY OF VIRDEN - (217) 965-5805 - WATER

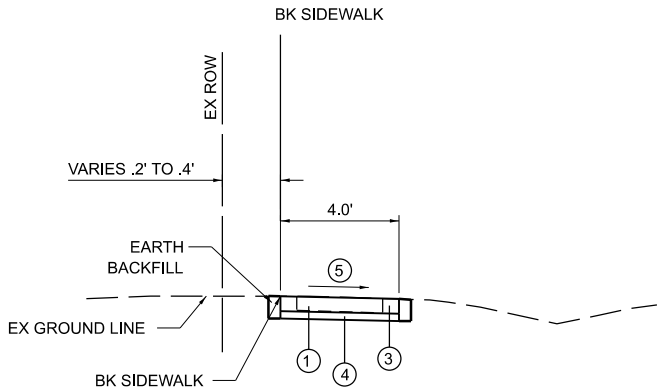
VIRDEN SANITARY DISTRICT - (217) 965-4313 - SEWER

BA BENTON & ASSOCIATES, INC. CONSULTING ENGINEERS / LAND SURVEYORS 1970 WEST LAFAYETTE AVE. JACKSONVILLE, IL 62650 PHONE: 217-265-4146 FAX: 217-265-4149 IL DESIGN FIRM REGISTRATION NO. 184-000852	USER NAME = \$USER\$	DESIGNED - DSR	REVISED -	CITY OF VIRDEN SAFE ROUTES TO SCHOOLS PROGRAM	GENERAL NOTES AND COMMITMENTS					F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN - RDS	REVISED -								22-00020-00-SW	MACOUPIN	24	2
	PLOT SCALE = 40.000' / in.	CHECKED - SJB	REVISED -		CONTRACT NO. 93844									
	PLOT DATE = 7/29/2025	DATE - JUNE 2025	REVISED -							SCALE:	SHEET 1	OF 1	SHEETS	STA.
	Long Section Number													

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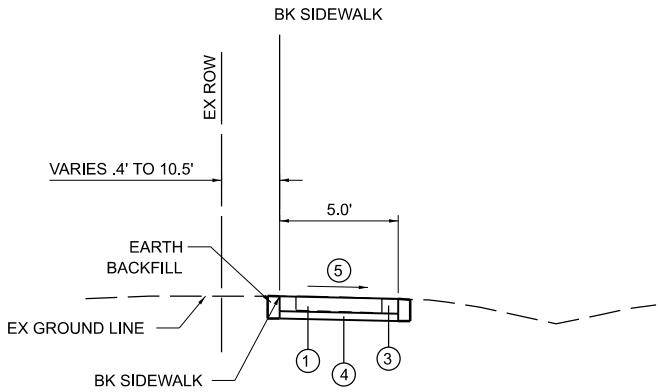
CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE
				80% STATE
				20% LOCAL
				SAFETY
				0021
				URBAN
40200800	AGGREGATE SURFACE COURSE, TYPE B	TON	10	10
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	21	21
40800050	INCIDENTAL HOT-MIX ASPHALT SURFACING	TON	3	3
42300200	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 6 INCH	SQ YD	37	37
42400800	DETECTABLE WARNINGS	SQ FT	268	268
44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	133	133
60266600	VALVE BOXES TO BE ADJUSTED	EACH	1	1
67100100	MOBILIZATION	L SUM	1	1
X4240420	PORTLAND CEMENT CONCRETE SIDEWALK 4 INCH (SPECIAL)	SQ FT	7514	7514
X4240440	PORTLAND CEMENT CONCRETE SIDEWALK 6 INCH (SPECIAL)	SQ FT	1910	1910
X4404700	SIDEWALK REMOVAL (SPECIAL)	SQ FT	5243	5243
X7010216	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	L SUM	1	1
Z0013798	CONSTRUCTION LAYOUT	L SUM	1	1

 BENTON & ASSOCIATES, INC. CONSULTING ENGINEERS / LAND SURVEYORS 1910 WEST LAFALETTE AVE. JACKSONVILLE, IL 62658 PHONE: 317-245-4245 FAX: 217-245-4143 IL DESIGN FIRM REGISTRATION NO. 184-000552	USER NAME = SUSERS		DESIGNED - DSR	REVISED -	CITY OF VIRDEN SAFE ROUTES TO SCHOOLS PROGRAM	SUMMARY OF QUANTITIES				F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.					
	DRAWN - RDS		REVISD -	REVISED -						22-00020-00-SW	MACOUPIN	24	3						
	PLOT SCALE = 40,000' / in.		CHECKED - SJB	REVISED -		SCALE:				SHEET 1 OF 1 SHEETS STA. TO STA.									
	PLOT DATE = 7/29/2025		DATE - JUNE 2025	REVISED -						ILLINOIS FED. AID PROJECT									
															CONTRACT NO. 93844				



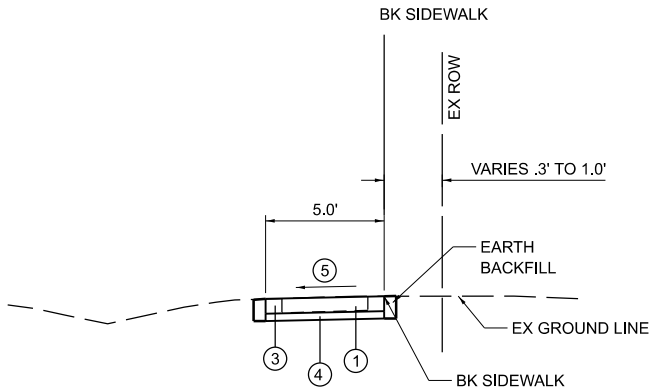
TYPICAL SIDEWALK SECTION

SPRINGFIELD STREET - STA. 298.92.00 TO STA. 303+22.14 (EXCEPT TRANSITIONS)



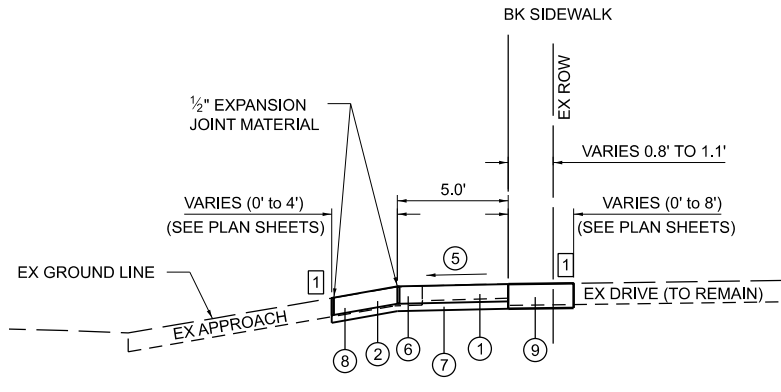
TYPICAL SIDEWALK SECTION

BLAIR STREET - STA. 100+39.97 TO STA. 104+00.00 (EXCEPT TRANSITIONS)
GROVE STREET - STA. 400+10.30 TO STA. 404+69.11 (EXCEPT TRANSITIONS)
UNION STREET - STA. 500+13.46 TO 505+07.04 (EXCEPT TRANSITIONS)



TYPICAL SIDEWALK SECTION

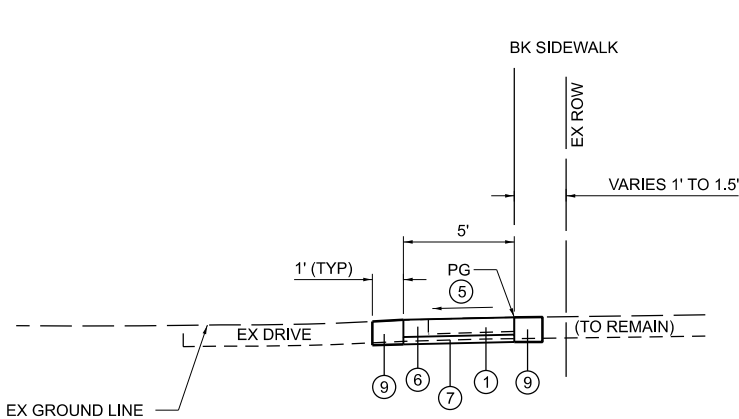
GROVE STREET - STA. 404+48.39 TO 407+04.83 (EXCEPT TRANSITIONS)



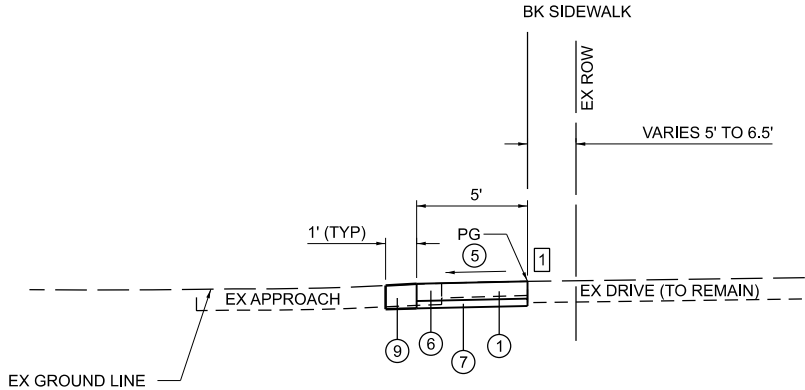
**TYPICAL SIDEWALK SECTION
ACROSS AGGREGATE ENTRANCE
WITH CONCRETE/ASPHALT APPROACH**
(EXCEPT TRANSITIONS)

NOTE:

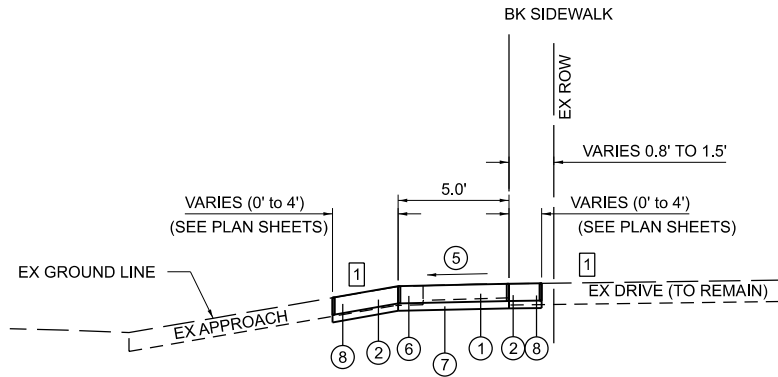
- 1 SAW CUT EXISTING ALLEY SURFACE AND CONCRETE APPROACHES ONLY.
COST OF SAW CUTTING SHALL BE INCLUDED IN COST OF DRIVEWAY
PAVEMENT REMOVAL.



**TYPICAL SIDEWALK SECTION
ACROSS AGGREGATE ENTRANCES**
(EXCEPT TRANSITIONS)



**TYPICAL SIDEWALK SECTION
ACROSS CONCRETE/ASPHALT ENTRANCES
WITH AGGREGATE APPROACH**
(EXCEPT TRANSITIONS)



**TYPICAL SIDEWALK SECTION
ACROSS CONCRETE/ASPHALT ENTRANCES**
(EXCEPT TRANSITIONS)

NOTE:

* SEE HIGHWAY STANDARDS FOR TYPICAL DETAILS AT INTERSECTIONS

- 1 EXISTING CONCRETE SIDEWALK (TO BE REMOVED UNLESS NOTED OTHERWISE)
2 EXISTING DRIVEWAY PAVEMENT (TO BE REMOVED UNLESS NOTED OTHERWISE)
3 PROPOSED PORTLAND CEMENT CONCRETE SIDEWALK 4 INCH, SPECIAL
4 PROPOSED FINE AGGREGATE SUBBASE, 2" (COST TO BE INCLUDED IN PCC SIDEWALK)
5 CROSS SLOPE AS SHOWN ON PLANS (2% MAX)
6 PROPOSED PORTLAND CEMENT CONCRETE SIDEWALK 6 INCH, SPECIAL
7 PROPOSED COARSE AGGREGATE SUBBASE, 2" (COST TO BE INCLUDED IN PCC SIDEWALK AND DRIVEWAY PAVEMENT)
8 PROPOSED PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 6 INCH
9 PROPOSED AGGREGATE SURFACE COURSE, TYPE B, 8"

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BENTON & ASSOCIATES, INC.
CONSULTING ENGINEERS / LAND SURVEYORS
1870 WEST LAFAYETTE AVE.
JACKSONVILLE, IL 62650
PHONE: 217-245-4146 FAX: 217-245-4149
IL DESIGN FIRM REGISTRATION NO. 184-000852

USER NAME = \$USERS	DESIGNED - DSR	REVISED -
	DRAWN - RDSS	REVISED -
PLOT SCALE = 0.16666633' / in.	CHECKED - SJB	REVISED -
PLOT DATE = 7/29/2025	DATE - JUNE 2025	REVISED -

CITY OF VIRDEN
SAFE ROUTES TO SCHOOLS PROGRAM

TYPICAL SECTIONS				F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
					22-00020-00-SW	MACOUPIN	24	4
				CONTRACT NO. 93844				
				ILLINOIS FED. AID PROJECT				

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PROPOSED SIDEWALK, DRIVEWAY PAVEMENT, & DETECTABLE WARNINGS SCHEDULE						
LOCATION			PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 6 INCH (SQ YD)	DETECTABLE WARNINGS (SQ FT)	PORTLAND CEMENT CONCRETE SIDEWALK 4 INCH, SPECIAL (SQ FT)	PORTLAND CEMENT CONCRETE SIDEWALK 6 INCH, SPECIAL (SQ FT)
FORTUNE ST. / CAREY ST.						
NE QUADRANT				10.0	65.2	
NW QUADRANT				10.0	96.3	
N. BLAIR ST. / W. HILL ST.						
NE QUADRANT				10.0	100.3	
SW QUADRANT				10.0	109.4	
NW QUADRANT				20.0	126.9	
BLAIR ST.						
101+00.28	-	101+84.72			429.4	
101+84.72	-	102+15.21				154.5
102+15.21	-	103+45.86			653.2	
N. BLAIR ST. / FORTUNE ST.						
NE QUADRANT				10.0	51.6	
SE QUADRANT				10.0	74.3	
N. SPRINGFIELD ST.						
298+93.12	-	300+30.88				555.6
301+30.42	-	302+53.61				516.7
302+53.61	-	302+64.74	11.2			
302+64.74	-	303+22.12				245.0
W UNION ST. / NOBLE ST.						
NE QUADRANT				20.0	136.3	
SE QUADRANT				20.0	86.5	
SW QUADRANT				20.0	126.0	
NW QUADRANT				20.0	163.3	
W UNION ST.						
500+19.28	-	500+21.90			109.5	
500+21.90	-	500+89.62	17.0			242.8
500+89.62	-	504+50.91			1804.9	
W UNION ST. / N. GROVE ST.						
NE QUADRANT				8.0	29.0	
SW QUADRANT				10.0	218.8	
NW QUADRANT				20.0	131.4	
N. GROVE ST.						
400+26.59	-	401+06.94			400.5	
401+06.94	-	401+22.39	3.0			8.6
401+22.39	-	402+06.03			418.2	
402+06.03	-	402+14.73		10.0	41.7	
402+14.73	-	402+24.87	6.1			
402+24.87	-	402+38.30		10.0	64.4	
402+38.30	-	404+18.15			899.2	
404+63.70	-	405+16.12			261.6	
405+16.12	-	405+27.01				55.2
405+27.01	-	406+03.19			380.7	
406+09.19	-	406+29.47				131.4
406+29.47	-	407+04.83			159.7	
N. GROVE ST. / LINCOLN ST.						
NE QUADRANT				20.0	133.7	
SW QUADRANT				10.0	50.4	
NW QUADRANT				20.0	191.6	
SUBTOTAL			37.3	268.0	7514.0	1909.8
TOTAL			37	268	7514	1910

REMOVAL SCHEDULE				
LOCATION			DRIVEWAY PAVEMENT REMOVAL (SQ YD)	SIDEWALK REMOVAL (SPECIAL) (SQ FT)
FORTUNE ST. / CAREY ST.				
NE QUADRANT				33.3
NW QUADRANT				14.1
N. BLAIR ST. / W. HILL ST.				
NE QUADRANT				37.9
SW QUADRANT				59.1
NW QUADRANT				26.1
BLAIR ST.				
101+00.28	-	101+84.72		414.7
101+84.72	-	102+15.21	17.1	
102+15.21	-	103+45.86		633.9
N. BLAIR ST. / FORTUNE ST.				
NE QUADRANT				
SE QUADRANT				41.7
N. SPRINGFIELD ST.				
298+93.12	-	300+30.88		536.5
301+30.42	-	302+53.61		492.1
302+53.61	-	302+64.74	16.1	
302+64.74	-	303+22.12		223.3
W UNION ST. / NOBLE ST.				
NE QUADRANT				54.2
SE QUADRANT				12.0
SW QUADRANT				94.8
NW QUADRANT				109.6
W UNION ST.				
500+19.28	-	500+21.90		83.6
500+21.90	-	500+89.62	44.0	
W UNION ST. / N. GROVE ST.				
NE QUADRANT				30.2
SW QUADRANT				81.8
NW QUADRANT				108.8
N. GROVE ST.				
400+26.59	-	401+06.94		308.9
401+06.94	-	401+22.39	36.6	59.6
401+22.39	-	402+06.03		318.0
402+06.03	-	402+14.73		19.7
402+14.73	-	402+24.87	6.1	
402+24.87	-	402+38.30		51.5
402+38.30	-	404+18.15		696.8
404+63.70	-	405+16.12		198.6
405+16.12	-	405+27.01	6.1	
405+27.01	-	406+03.19		159.6
406+09.19	-	406+29.47	6.6	
406+29.47	-	407+04.83		158.2
N. GROVE ST. / LINCOLN ST.				
NE QUADRANT				63.5
SW QUADRANT				16.2
NW QUADRANT				104.6
SUBTOTAL			132.6	5243.0
TOTAL			133	5243

BA

BENTON & ASSOCIATES, INC.

CONSULTING ENGINEERS / LAND SURVEYORS

1970 WEST LAFAYETTE AVE.

JACKSONVILLE, IL 62650

PHONE: 217-245-4146 FAX: 217-245-4149

IL DESIGN FIRM REGISTRATION NO. 184-000952

USER NAME

= \$USERS

DESIGNED - DSR

DRAWN - RDS

CHECKED - SJB

DATE - JUNE 2025

REVISED -

REVISED -

REVISED -

REVISED -

PLOT SCALE

= 40,000 ' / in.

PLOT DATE

= 7/29/2025

CITY OF VIRDEN

SAFE ROUTES TO SCHOOLS PROGRAM

SCHEDULE OF QUANTITIES

SCALE:

SHEET 1

OF 2

SHEETS

STA.

TO STA.

F.A. RTE.

SECTION

COUNTY

TOTAL SHEETS

SHEET NO.

22-00020-00-SW

MACOUPIN

24

5

CONTRACT NO. 93844

ILLINOIS

FED. AID PROJECT

BENCHMARKS:

BM3621-1
"O" IN "OPEN" TOP FLANGE OF FIRE
HYDRANT AT THE NORTHEAST CORNER
OF BLAIR STREET AND HILL STREET.
ELEV= 676.19

BM3621-2
"O" IN "OPEN" TOP FLANGE OF FIRE
HYDRANT AT THE NORTHEAST CORNER
OF FORTUNE STREET AND NOBLE
STREET.
ELEV= 674.69

BM3621-3
CUT "X" IN SIDEWALK AT THE
NORTHEAST CORNER OF FORTUNE
STREET AND SPRINGFIELD STREET.
ELEV= 669.69

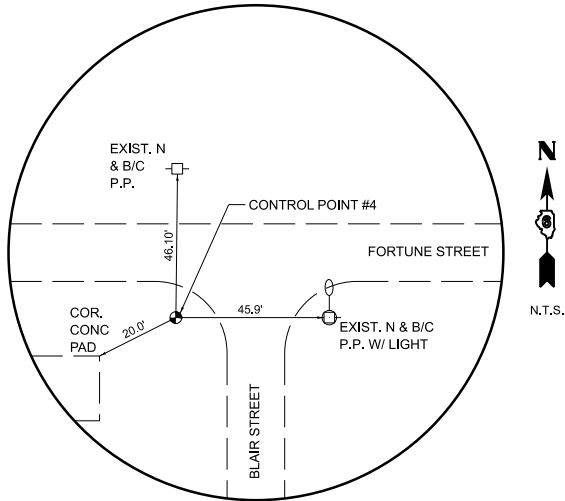
BM3621-4
CHISELED "X" TOP OF SIDEWALK
FLANGE BOLT OF FIRE HYDRANT AT
THE NORTHWEST CORNER OF FIRTUNE
STREET AND DYE STREET.
ELEV= 665.87

BM3621-5
"O" IN "OPEN" TOP FLANGE OF FIRE
HYDRANT AT THE NORTHWEST CORNER
OF UNION STREET AND NOBLE STREET.
ELEV= 668.84

BM3621-6
CHISELED "X" IN SIDEWALK
INTERSECTION AT THE NORTHWEST
CORNER OF UNION STREET AND
SPRINGFIELD STREET
ELEV= 663.14

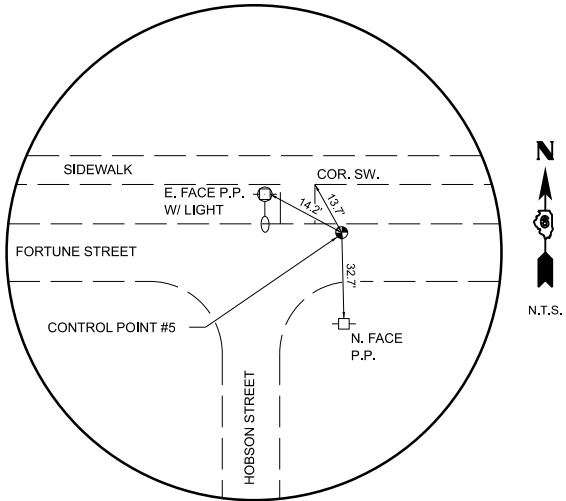
BM3621-7
"O" IN "OPEN" TOP FLANGE OF FIRE
HYDRANT AT THE NORTHEAST CORNER
OF UNION STREET AND GROVE STREET.
ELEV= 669.94

BM3621-8
"O" IN "OPEN" TOP FLANGE OF FIRE
HYDRANT AT THE SOUTHEAST CORNER
OF GROVE STREET AND LINCOLN STREET.
ELEV= 664.31



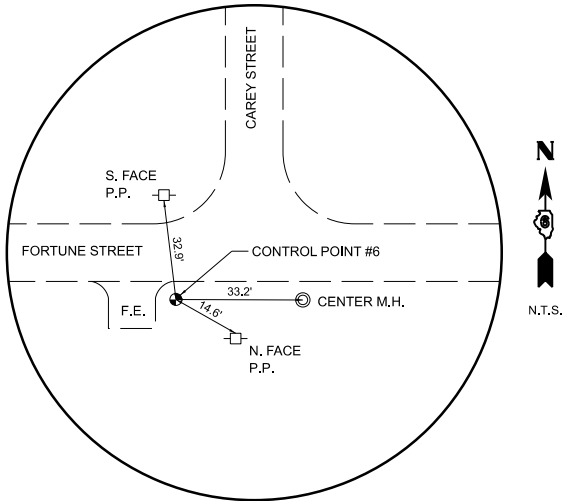
CONTROL POINT #4

SET 5/8" IRON ROD
N: 1034344.476
E: 2408472.966



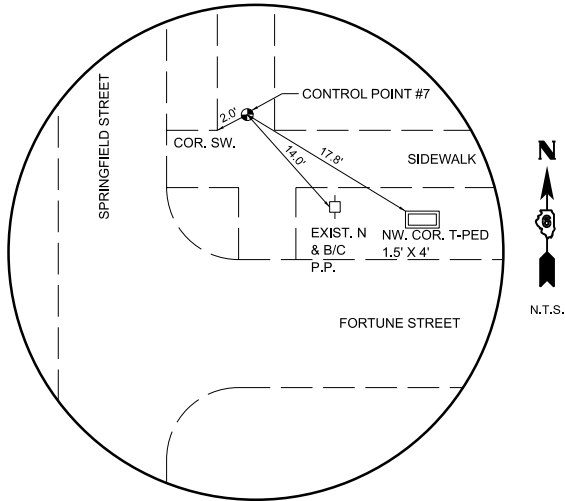
CONTROL POINT #5

SET MAG NAIL
N: 1034362.379
E: 2407658.395



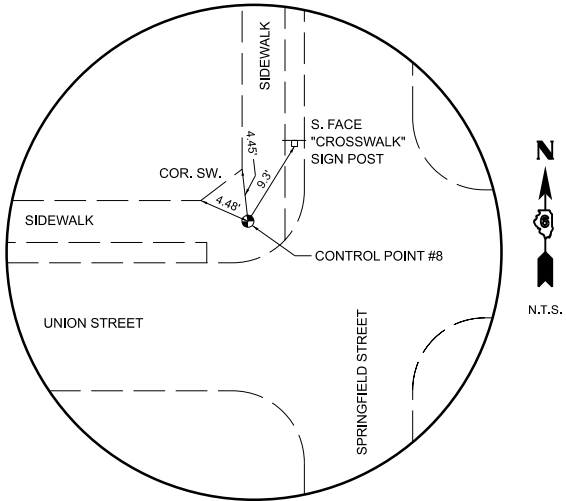
CONTROL POINT #6

SET 5/8" IRON ROD
N: 1034328.361
E: 2406664.428



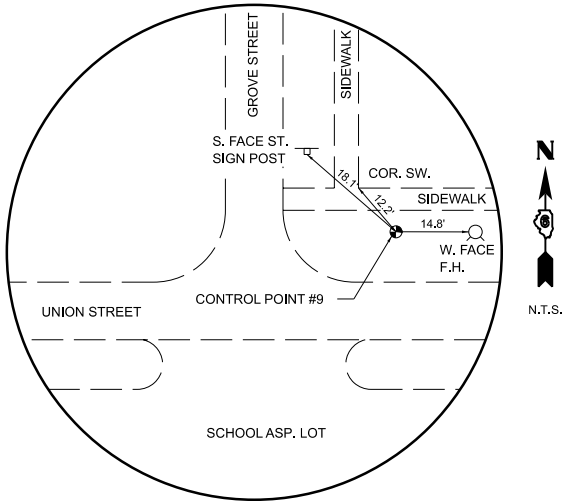
CONTROL POINT #7

CUT "X" IN SIDEWALK
N: 1034407.059
E: 2409318.842



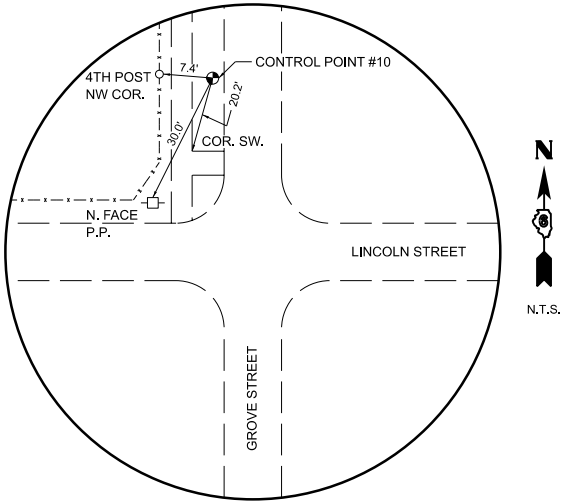
CONTROL POINT #8

CUT "X" IN SIDEWALK
N: 1035102.518
E: 2409250.756



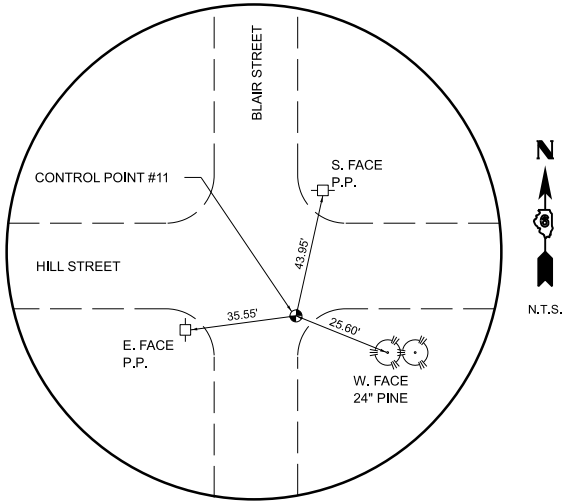
CONTROL POINT #9

SET 5/8" IRON ROD
N: 1035086.049
E: 2408442.270



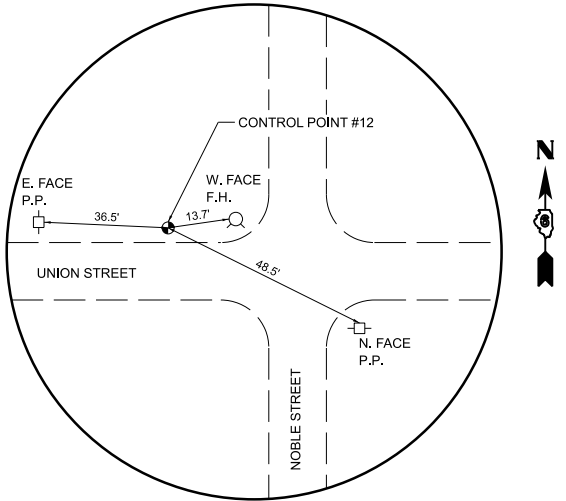
CONTROL POINT #10

SET 5/8" IRON ROD
N: 1035550.411
E: 2408375.552



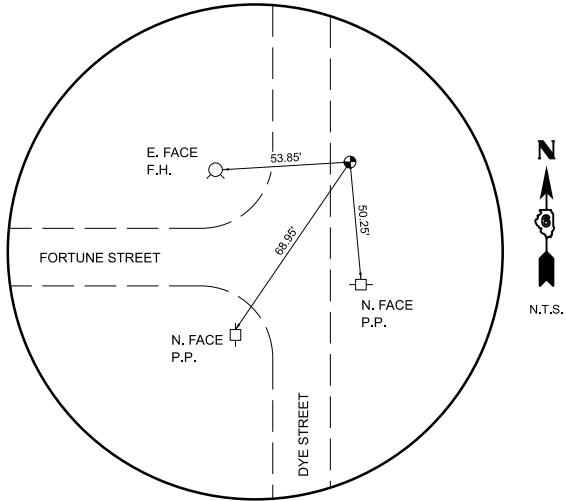
CONTROL POINT #11

SET MAG NAIL IN PAVEMENT
N: 1035040.111
E: 2408516.219



CONTROL POINT #12

SET 5/8" IRON ROD
N: 1035088.347
E: 2408795.842



CONTROL POINT #13

SET 5/8" IRON ROD
N: 1034413.827
E: 2409911.725

MODEL: P:\3163621-1\Design\Design\CAD Sheets\3621-1-007-009-shr-ATB.dgn



BENTON & ASSOCIATES, INC.
CONSULTING ENGINEERS / LAND SURVEYORS
1870 WEST LAFAYETTE AVE.
JACKSONVILLE, IL 62650
PHONE: 217-245-4148 FAX: 217-245-4149
IL DESIGN FIRM REGISTRATION NO. 184-00862

USER NAME	= \$USERS	DESIGNED -	DSR	REVISED -	
		DRAWN -	RD5	REVISED -	
PLOT SCALE	= 40,000' / in.	CHECKED -	SJB	REVISED -	
PLOT DATE	= 7/29/2025	DATE -	JUNE 2025	REVISED -	

CITY OF VIRDEN
SAFE ROUTES TO SCHOOLS PROGRAM

ALIGNMENTS, TIES & BENCHMARKS

SCALE: SHEET 1 OF 3 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	22-00020-00-SW	MACOUPIN	24	7
CONTRACT NO. 93844				
ILLINOIS FED. AID PROJECT				

MODEL: P:\21\1E3621-1\Design\Design\CAD Sheets\3621-1-007-009-shr-ATB.dgn



BENTON & ASSOCIATES, INC.
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1870 WEST LAFAYETTE AVE.
JACKSONVILLE, IL 62650
PHONE: 217-245-4148 FAX: 217-245-4149
IL DESIGN FIRM REGISTRATION NO. 184-000862

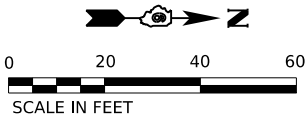
USER NAME	= \$USERS	DESIGNED -	DSR	REVISED -	
		DRAWN -	RD5	REVISED -	
PLOT SCALE	= 40.000 ' / in.	CHECKED -	SJB	REVISED -	
PLOT DATE	= 7/29/2025	DATE -	JUNE 2025	REVISED -	

CITY OF VIRDEN
SAFE ROUTES TO SCHOOLS PROGRAM

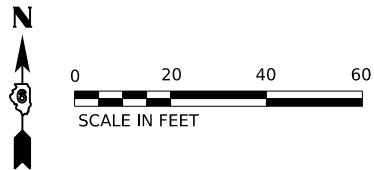
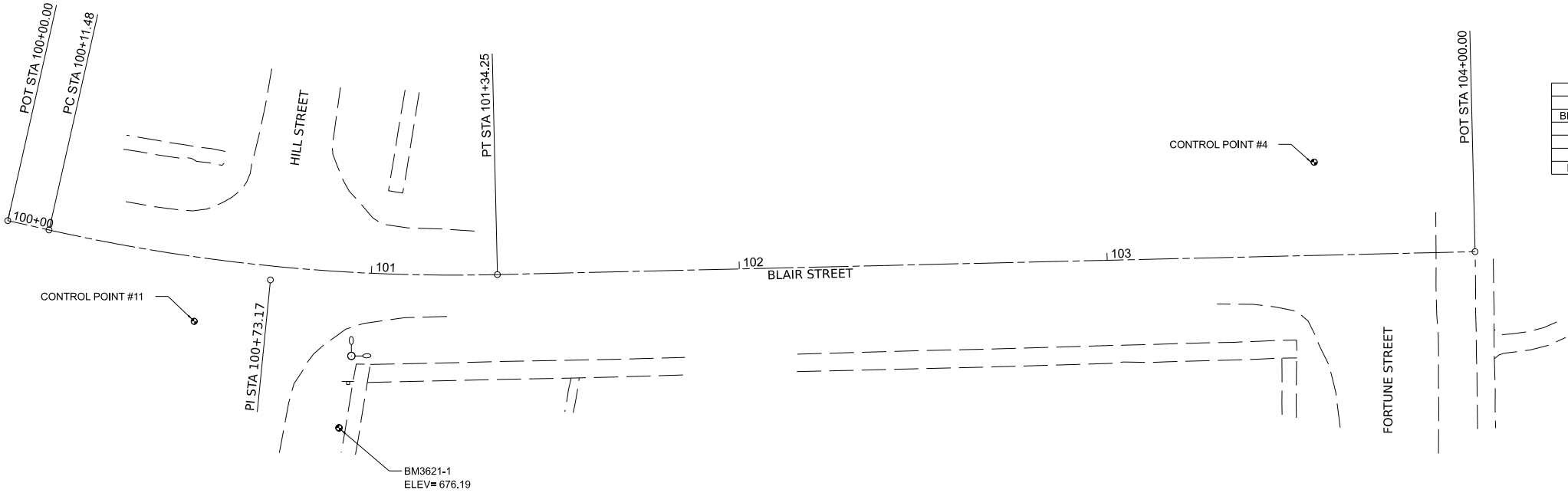
ALIGNMENTS, TIES & BENCHMARKS

SCALE: 1"=20' SHEET 2 OF 3 SHEETS STA. TO STA.

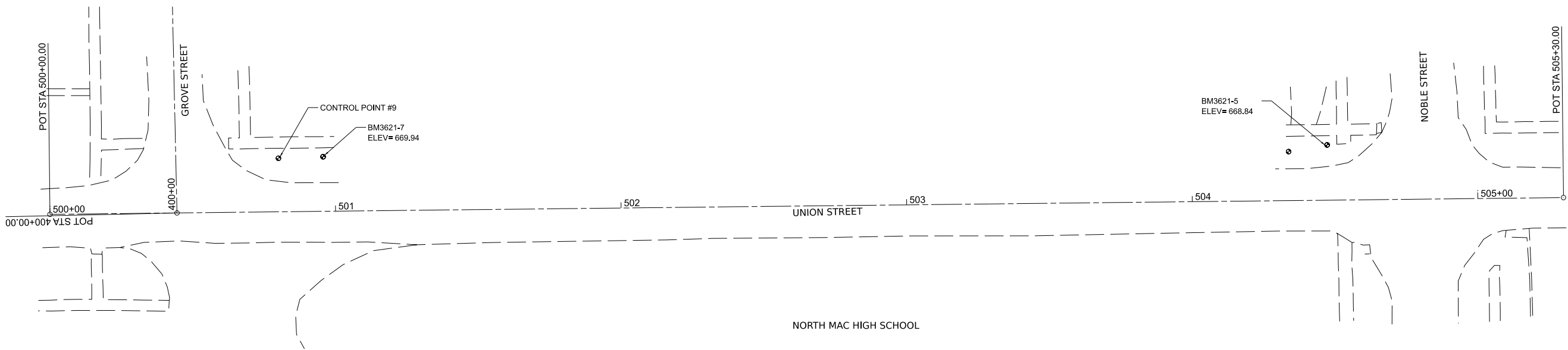
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	22-00020-00-SW	MACOUPIN	24	8
CONTRACT NO. 93844				
ILLINOIS FED. AID PROJECT				

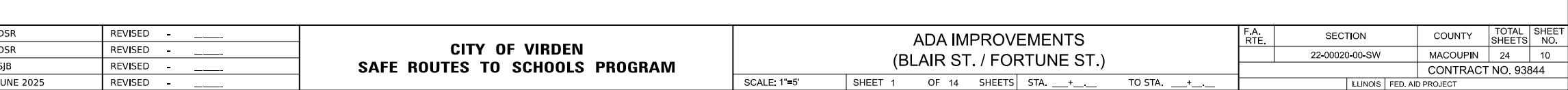
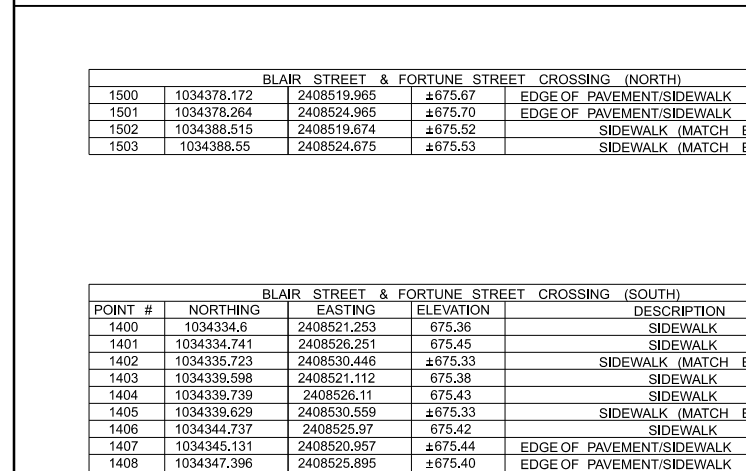


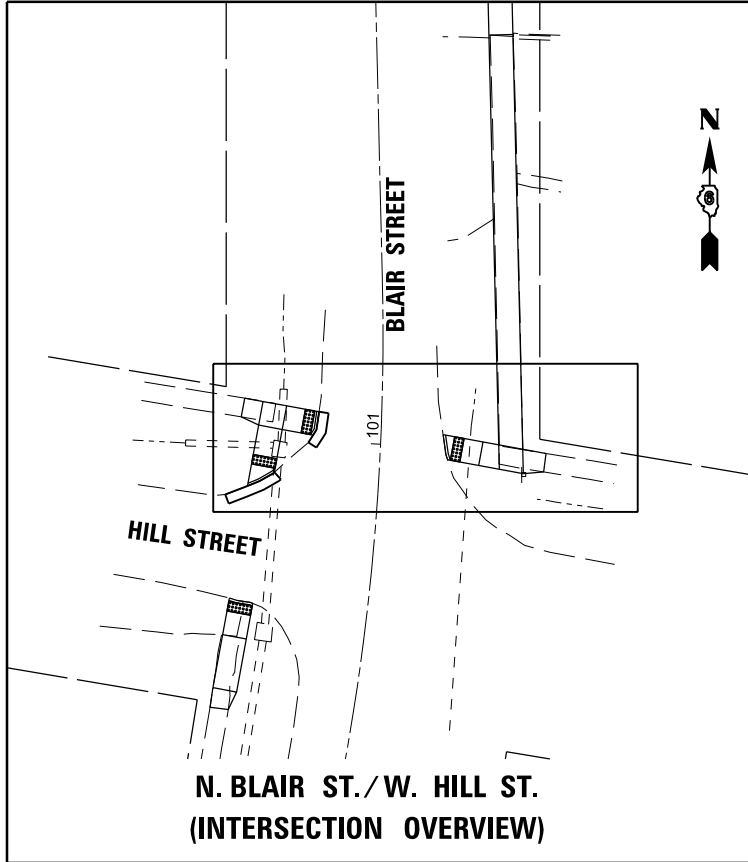
BLAIR STREET		
POINT	NORTHING	EASTING
BEGIN POT STA: 100+00.00	1033989.484	2408488.876
PC STA: 100+11.48	1034000.682	2408491.405
PI STA: 100+73.17	1034060.862	2408504.993
PT STA: 101+34.25	1034122.540	2408503.545
END POT STA: 104+00.00	1034388.218	2408497.310



UNION STREET		
POINT	NORTHING	EASTING
BEGIN POT STA: 500+00.00	1035066.334	2408362.163
END POT STA: 505+30.00	1035072.22	2408892.131

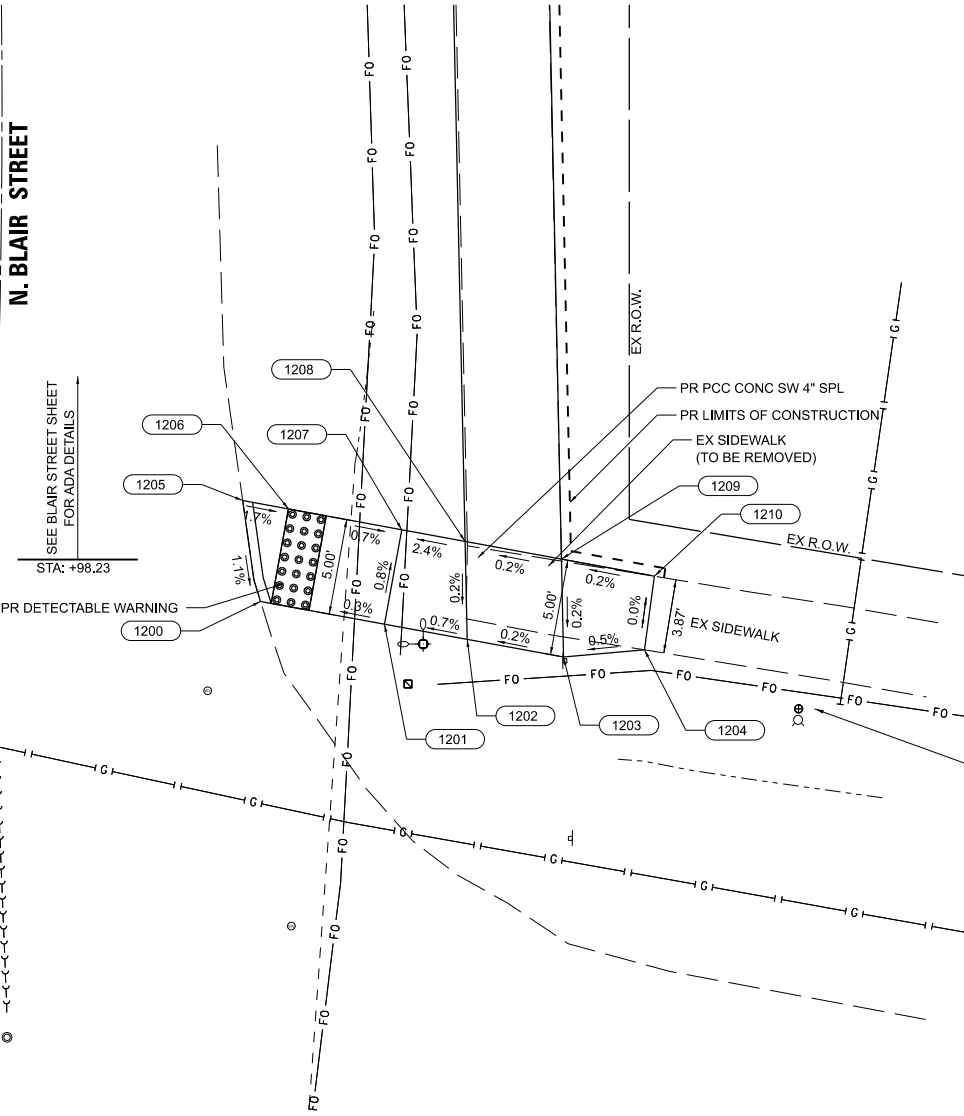
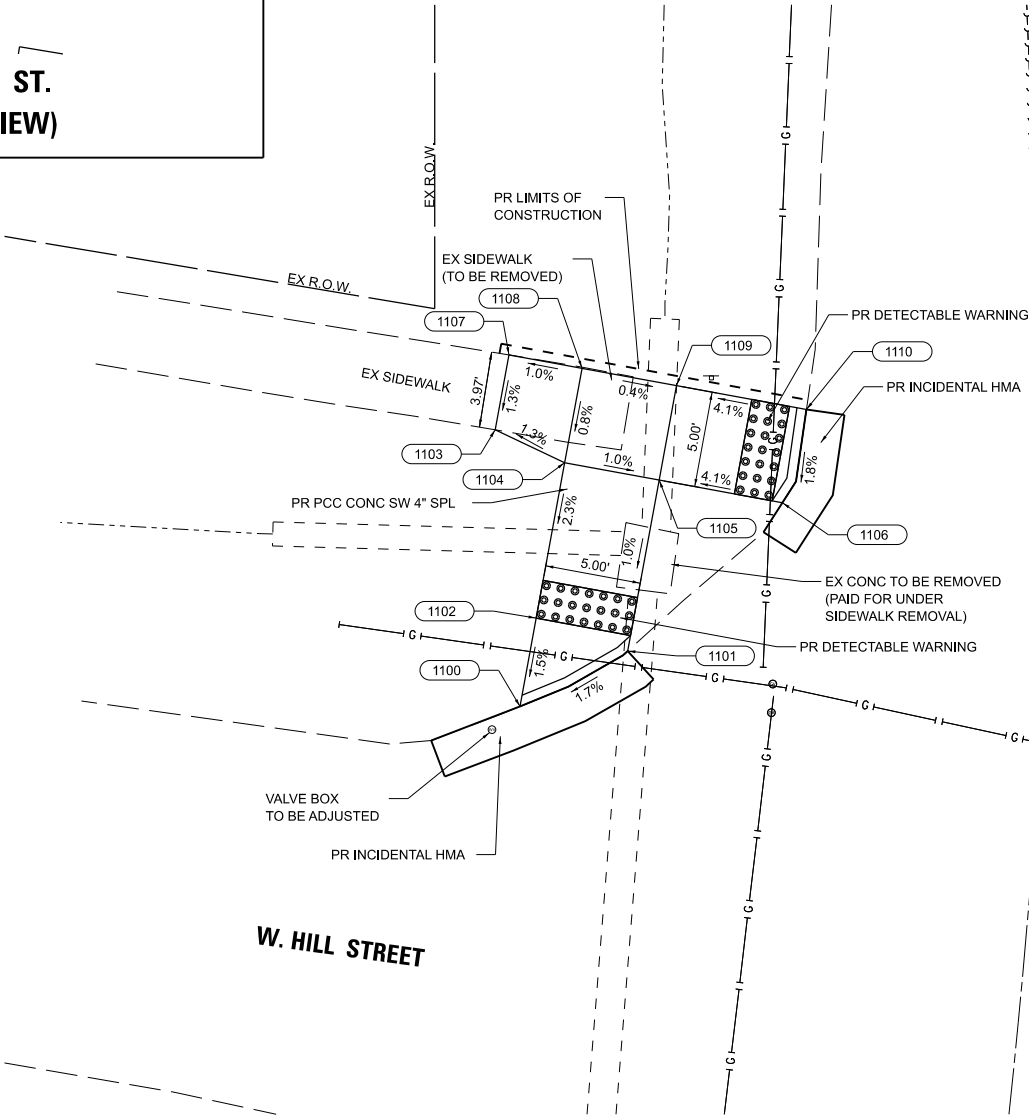
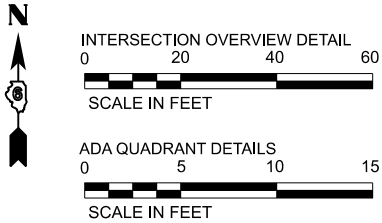






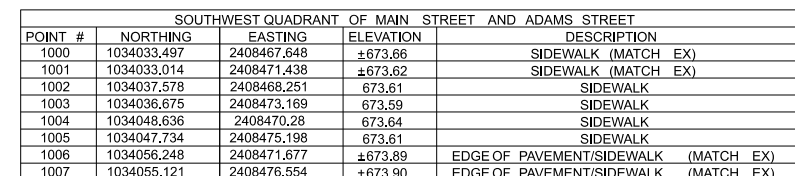
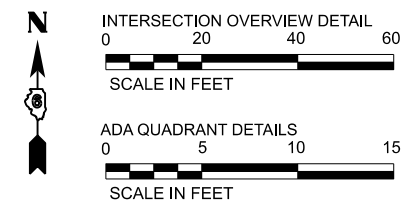
NORTHWEST QUADRANT OF BLAIR STREET AND HILL STREET				
POINT #	NORTHING	EASTING	ELEVATION	DESCRIPTION
1100	1034079.588	2408475.452	673.88	EDGE OF PAVEMENT/SIDEWALK
1101	1034082.471	2408481.065	±673.99	EDGE OF PAVEMENT/SIDEWALK (MATCH EX)
1102	1034084.185	2408476.296	673.95	SIDEWALK
1103	1034093.996	2408474.158	±674.09	SIDEWALK (MATCH EX)
1104	1034092.279	2408477.782	674.14	SIDEWALK
1105	1034091.377	2408482.699	674.08	SIDEWALK
1106	1034090.198	2408489.122	674.35	EDGE OF PAVEMENT/SIDEWALK
1107	1034097.895	2408474.882	±674.14	SIDEWALK (MATCH EX)
1108	1034097.197	2408478.684	674.18	SIDEWALK
1109	1034096.295	2408483.602	674.16	SIDEWALK
1110	1034095.052	2408490.373	±674.44	EDGE OF PAVEMENT/SIDEWALK (MATCH EX)

NORTHEAST QUADRANT OF BLAIR STREET AND HILL STREET				
POINT #	NORTHING	EASTING	ELEVATION	DESCRIPTION
1200	1034085.055	2408517.148	±674.45	EDGE OF PAVEMENT/SIDEWALK (MATCH EX)
1201	1034083.87	2408523.604	674.47	SIDEWALK
1202	1034083.08	2408527.908	674.50	SIDEWALK
1203	1034082.159	2408532.929	674.51	SIDEWALK
1204	1034082.538	2408537.141	±674.53	SIDEWALK (MATCH EX)
1205	1034090.309	2408516.217	±674.51	EDGE OF PAVEMENT/SIDEWALK (MATCH EX)
1206	1034089.871	2408518.605	674.47	SIDEWALK
1207	1034088.788	2408524.507	674.43	SIDEWALK
1208	1034088.183	2408527.8	674.51	SIDEWALK
1209	1034087.262	2408532.82	674.52	SIDEWALK
1210	1034086.373	2408537.665	±674.53	SIDEWALK (MATCH EX)

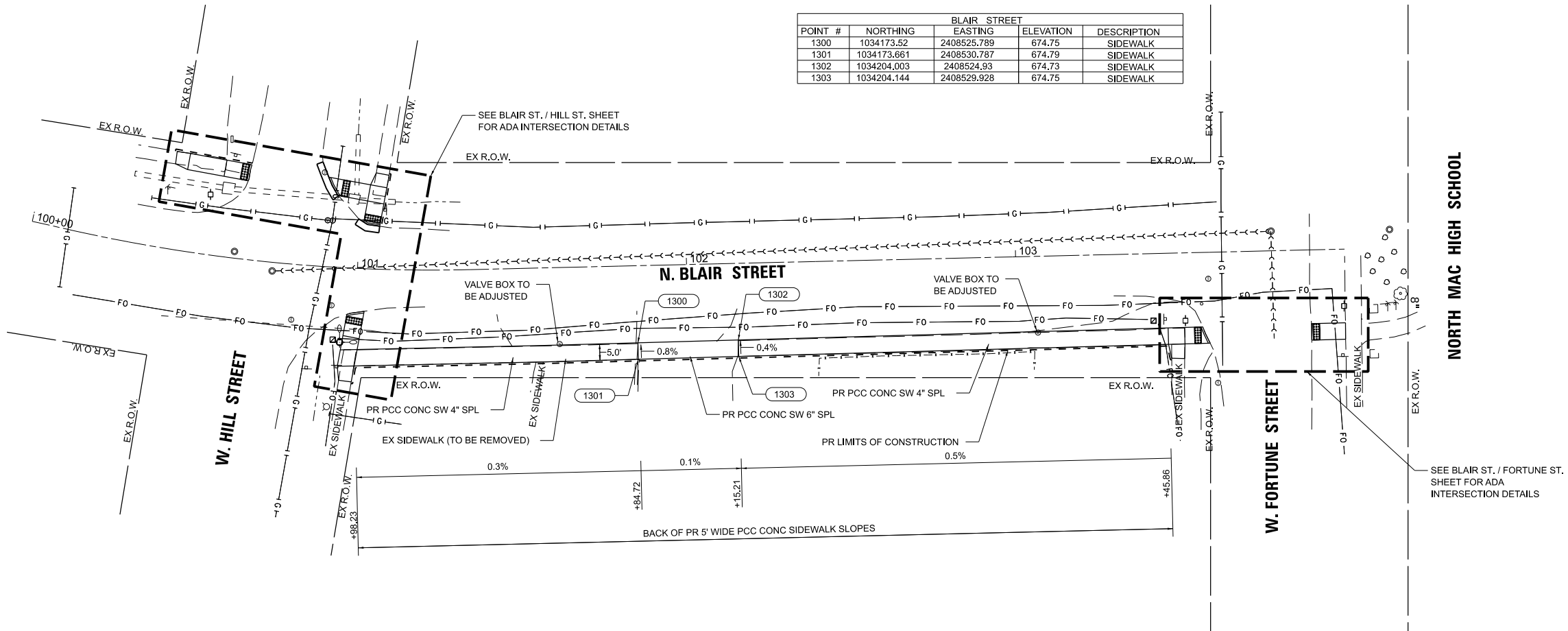
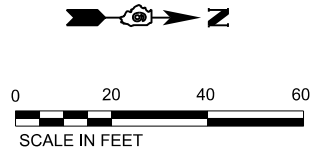


NW QUADRANT

NE QUADRANT



 BENTON & ASSOCIATES, INC. CONSULTING ENGINEERS / LAND SURVEYORS 1070 WEST LAFFETTE AVE. JACKSONVILLE, IL 62250 PHONE: 217-245-4149 FAX: 217-245-4149 IL DESIGN FIRM REGISTRATION NO. 184-000862	USER NAME = 5USERS	DESIGNED - DSR	REVISED - _____	CITY OF VIRDEN SAFE ROUTES TO SCHOOLS PROGRAM	ADA IMPROVEMENTS (BLAIR ST. / HILL ST.)				F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 0.16666633" / in.	DRAWN - DSR	REVISED - _____		22-00020-00-SW				MACOUPIN	24	12		
	CHECKED - 5JB	DATE - JUNE 2025	REVISED - _____		CONTRACT NO. 93844								
PLOT DATE = 7/29/2025					SCALE: 1"=5'	SHEET 3	OF 14	SHEETS	STA. ____+____	TO STA. ____+____	ILLINOIS		FED. AID PROJECT



BLAIR STREET				
POINT #	NORTHING	EASTING	ELEVATION	DESCRIPTION
1300	1034173.52	2408525.789	674.75	SIDEWALK
1301	1034173.661	2408530.787	674.79	SIDEWALK
1302	1034204.003	2408524.93	674.73	SIDEWALK
1303	1034204.144	2408529.928	674.75	SIDEWALK

CITY OF VIRDEN
SAFE ROUTES TO SCHOOLS PROGRAM

ADA IMPROVEMENTS
(BLAIR ST.)

SCALE: 1"=20' SHEET 4 OF 14 SHEETS STA. ____+____ TO STA. ____+____

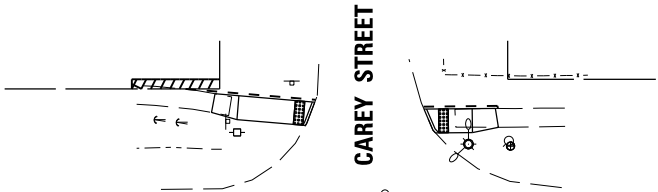
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	22-00020-00-SW	MACOUPIN	24	13
CONTRACT NO. 93844				
ILLINOIS FED. AID PROJECT				

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BENTON & ASSOCIATES, INC.
CONSULTING ENGINEERS / LAND SURVEYORS
1670 WEST LAFAYETTE AVE.
JACKSONVILLE, IL 62650
PHONE: 217-245-4149 FAX: 217-245-4149
IL DESIGN FIRM REGISTRATION NO. 184-000852

USER NAME = \$USERS	DESIGNED - DSR	REVISED - _____
	DRAWN - DSR	REVISED - _____
PLOT SCALE = 0.16666633' / in.	CHECKED - SJB	REVISED - _____
PLOT DATE = 7/29/2025	DATE - JUNE 2025	REVISED - _____

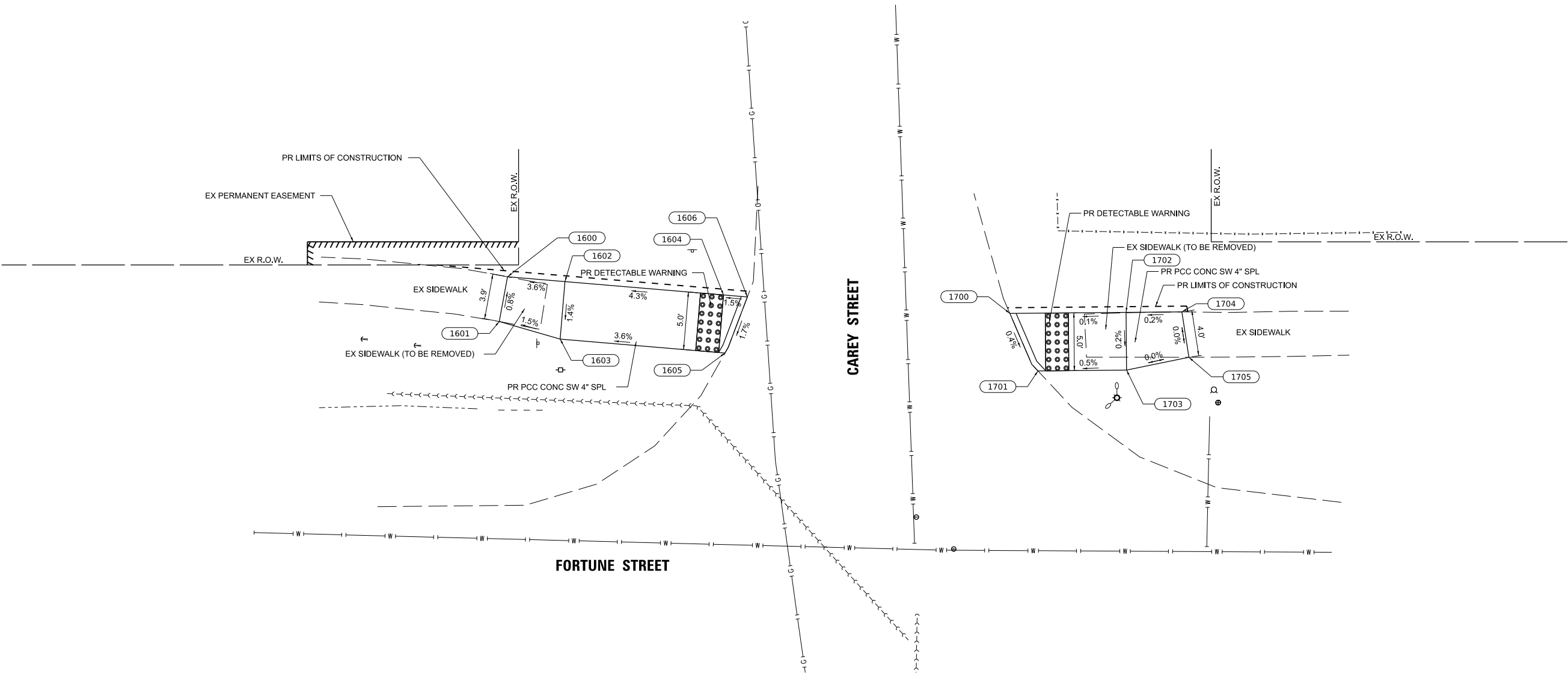
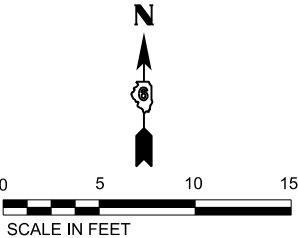


FORTUNE STREET

FORTUNE ST./ CAREY ST.
(INTERSECTION OVERVIEW)

NORTHWEST QUADRANT OF FORTUNE STREET AND CAREY STREET				
POINT #	NORTHING	EASTING	ELEVATION	DESCRIPTION
1600	1034369.866	2406682.372	±671.03	SIDEWALK (MATCH EX)
1601	1034365.989	2406681.655	±671.06	SIDEWALK (MATCH EX)
1602	1034369.446	2406687.354	671.21	SIDEWALK
1603	1034364.463	2406686.934	671.14	SIDEWALK
1604	1034368.287	2406681.086	671.71	SIDEWALK
1605	1034363.258	2406681.215	±671.65	EDGE OF PAVEMENT/SIDEWALK (MATCH EX)
1606	1034368.112	2406683.151	±671.74	EDGE OF PAVEMENT/SIDEWALK (MATCH EX)

NORTHWEST QUADRANT OF FORTUNE STREET AND CAREY STREET				
POINT #	NORTHING	EASTING	ELEVATION	DESCRIPTION
1700	1034366.686	2406705.894	±671.87	EDGE OF PAVEMENT/SIDEWALK (MATCH EX)
1701	1034361.708	2406708.324	±671.85	EDGE OF PAVEMENT/SIDEWALK (MATCH EX)
1702	1034366.777	2406715.957	671.88	SIDEWALK
1703	1034361.777	2406716.002	671.89	SIDEWALK
1704	1034366.821	2406720.79	±671.89	SIDEWALK (MATCH EX)
1705	1034362.888	2406721.399	±671.89	SIDEWALK (MATCH EX)



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BENTON & ASSOCIATES, INC.
CONSULTING ENGINEERS / LAND SURVEYORS
1010 WEST JEFFERSON AVE.
JACKSONVILLE, IL 62250
PHONE: 217-245-4146 FAX: 217-245-4149
IL DESIGN FIRM REGISTRATION NO. 184-000852

USER NAME	= \$USERS
DESIGNED -	DSR
DRAWN -	DSR
PLOT SCALE	= 0.16666633' / in.
PLOT DATE	= 7/29/2025

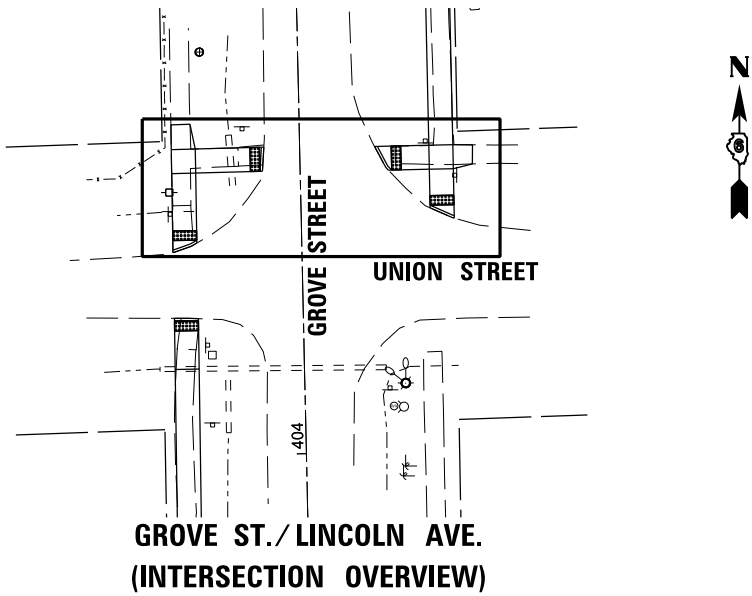
DESIGNED -	DSR
REVIS	-
DRAWN -	DSR
REVIS	-
CHECKED -	SJB
REVIS	-
DATE -	JUNE 2025
REVIS	-

CITY OF VIRDEN
SAFE ROUTES TO SCHOOLS PROGRAM

ADA IMPROVEMENTS
(FORTUNE ST. / CAREY ST.)

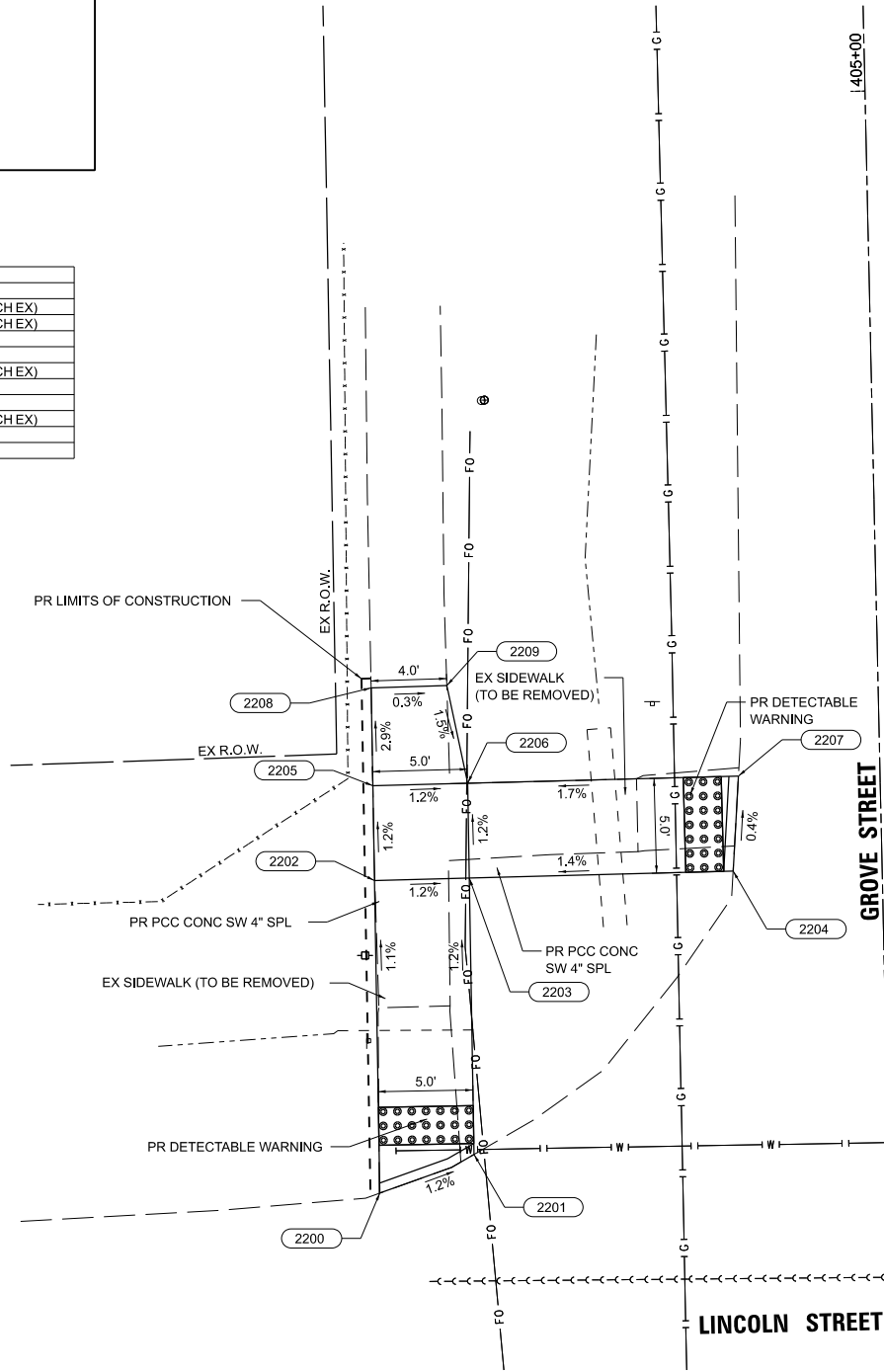
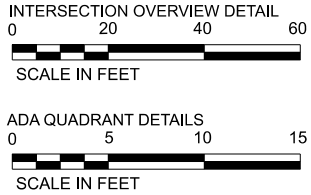
SCALE: 1"=5' SHEET 5 OF 14 SHEETS STA. ____+____ TO STA. ____+____

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	22-00020-00-SW	MACOUPIN	24	14
CONTRACT NO. 93844				
ILLINOIS FED. AID PROJECT				

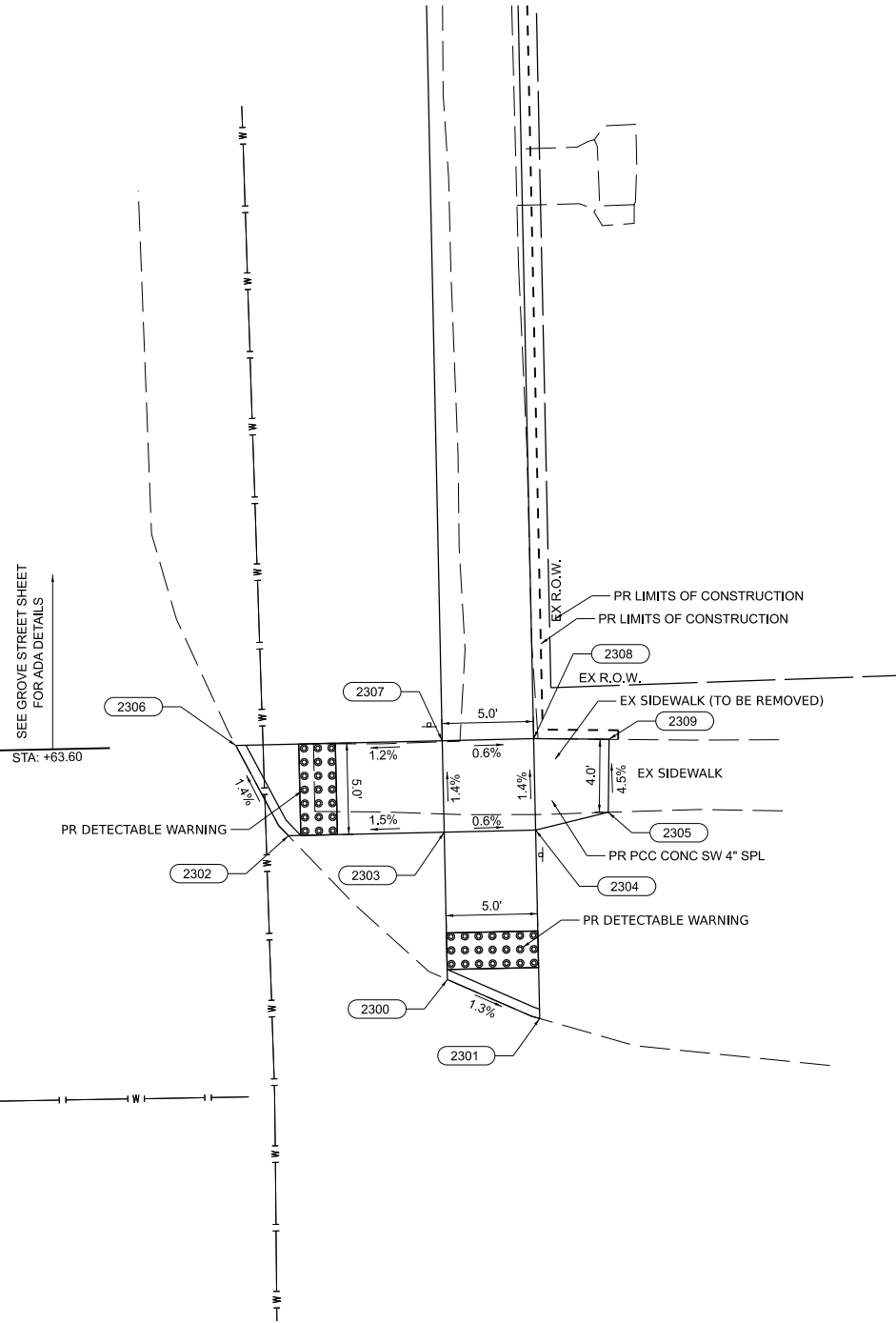


NORTHWEST QUADRANT N. GROVE STREET AND W. LINCOLN STREET				
POINT #	NORTHING	EASTING	ELEVATION	DESCRIPTION
2200	1035508.6	2408370.042	+662.56	EDGE OF PAVEMENT/SIDEWALK (MATCH EX)
2201	1035510.836	2408375.008	+662.50	EDGE OF PAVEMENT/SIDEWALK (MATCH EX)
2202	1035525.079	2408369.76	662.38	SIDEWALK
2203	1035525.21	2408374.758	662.32	SIDEWALK
2204	1035525.576	2408388.672	+662.52	EDGE OF PAVEMENT/SIDEWALK (MATCH EX)
2205	1035530.078	2408369.674	662.32	SIDEWALK
2206	1035530.208	2408374.673	662.26	SIDEWALK
2207	1035530.586	2408388.95	+662.50	EDGE OF PAVEMENT/SIDEWALK (MATCH EX)
2208	1035535.234	2408369.586	+662.17	SIDEWALK (MATCH EX)
2209	1035535.359	2408373.571	+662.18	SIDEWALK (MATCH EX)

NORTHEAST QUADRANT N. GROVE ST AND W. LINCOLN AVENUE				
POINT #	NORTHING	EASTING	ELEVATION	DESCRIPTION
2300	1035517.942	2408423.599	+662.10	EDGE OF PAVEMENT/SIDEWALK (MATCH EX)
2301	1035515.814	2408428.645	+662.03	EDGE OF PAVEMENT/SIDEWALK (MATCH EX)
2302	1035525.806	2408414.905	+662.02	EDGE OF PAVEMENT/SIDEWALK (MATCH EX)
2303	1035526.002	2408423.426	662.15	SIDEWALK
2304	1035526.117	2408428.425	662.12	SIDEWALK
2305	1035527.095	2408432.397	+662.10	SIDEWALK (MATCH EX)
2306	1035530.742	2408412.024	+661.94	EDGE OF PAVEMENT/SIDEWALK (MATCH EX)
2307	1035531.001	2408423.32	662.08	SIDEWALK
2308	1035531.115	2408428.318	662.05	SIDEWALK
2309	1035531.082	2408432.438	+661.92	SIDEWALK (MATCH EX)



NW QUADRANT



NE QUADRANT

CITY OF VIRDEN
SAFE ROUTES TO SCHOOLS PROGRAM

ADA IMPROVEMENTS
(GROVE ST. / LINCOLN AVE.)

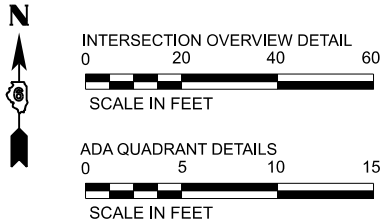
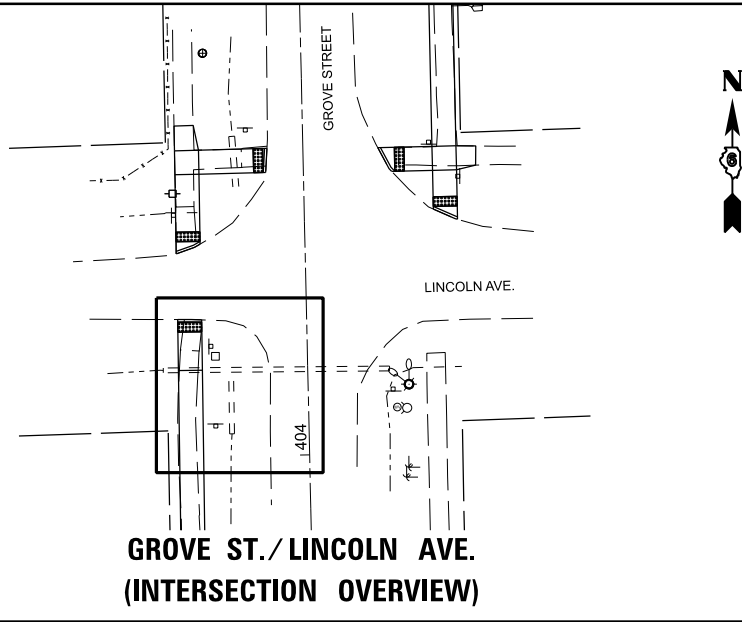
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	22-00020-00-SW	MACOUPIN	24	15
CONTRACT NO. 93844				
ILLINOIS FED. AID PROJECT				

SCALE: 1"=5' SHEET 6 OF 14 SHEETS STA. ____+____ TO STA. ____+____

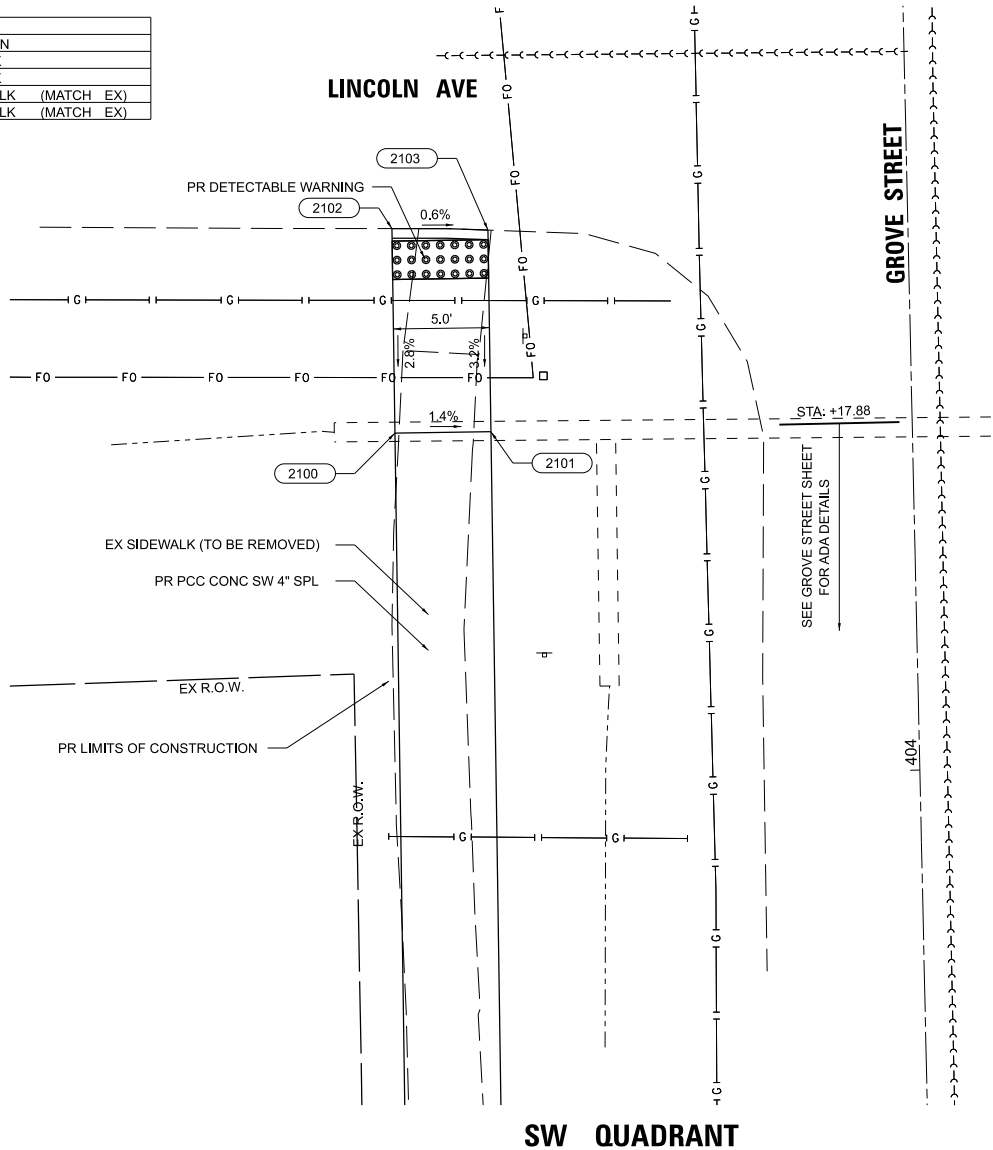


BENTON & ASSOCIATES, INC.
CONSULTING ENGINEERS / LAND SURVEYORS
1970 WEST LAVERETTE AVE.
JACKSONVILLE, IL 62650
PHONE: 217-245-4148 FAX: 217-245-4149
IL DESIGN FIRM REGISTRATION NO. 194-000852

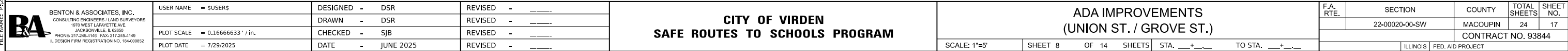
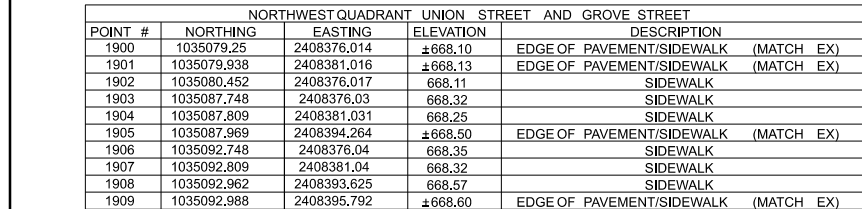
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PLOT DATE = 7/29/2025	DATE - JUNE 2025	REVISED -

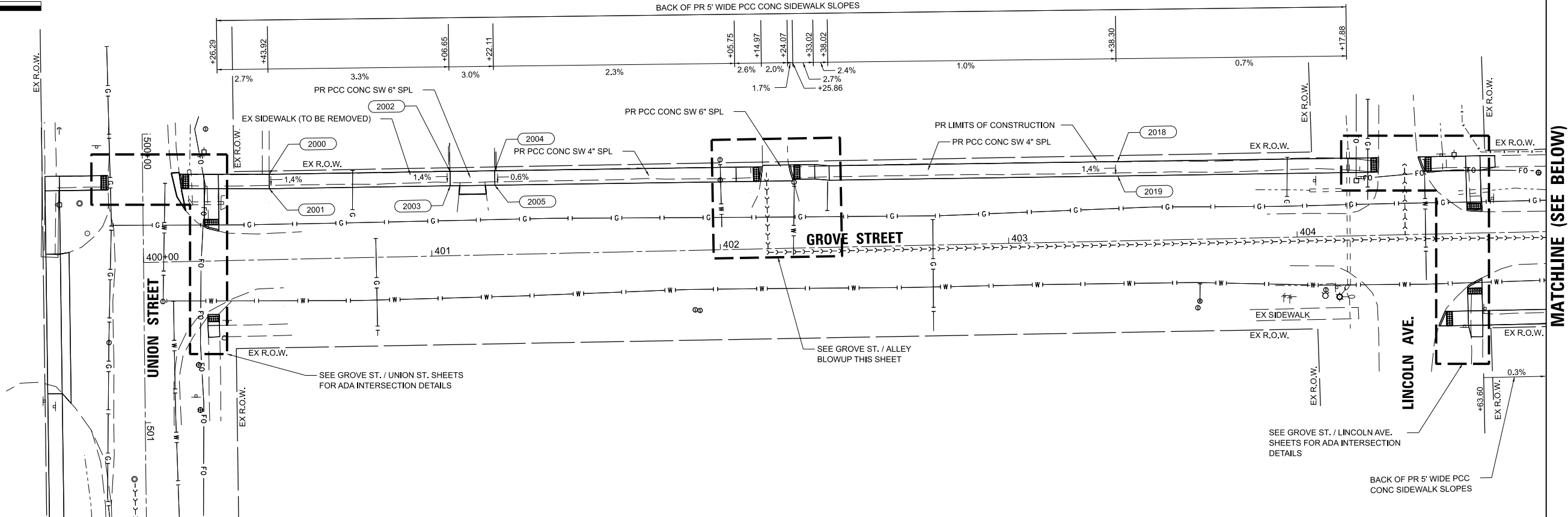
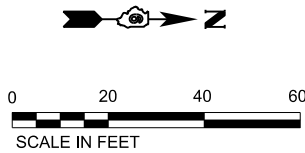


SOUTHWEST QUADRANT GROVE STREET AND LINCOLN AVENUE					
POINT #	NORTHING	EASTING	ELEVATION	DESCRIPTION	
2100	1035484.281	2408370.486	862.57	SIDEWALK	
2101	1035484.355	2408375.485	862.50	SIDEWALK	
2102	1035494.934	2408370.329	±862.87	EDGE OF PAVEMENT/SIDEWALK (MATCH EX)	
2103	1035494.855	2408375.33	±862.84	EDGE OF PAVEMENT/SIDEWALK (MATCH EX)	

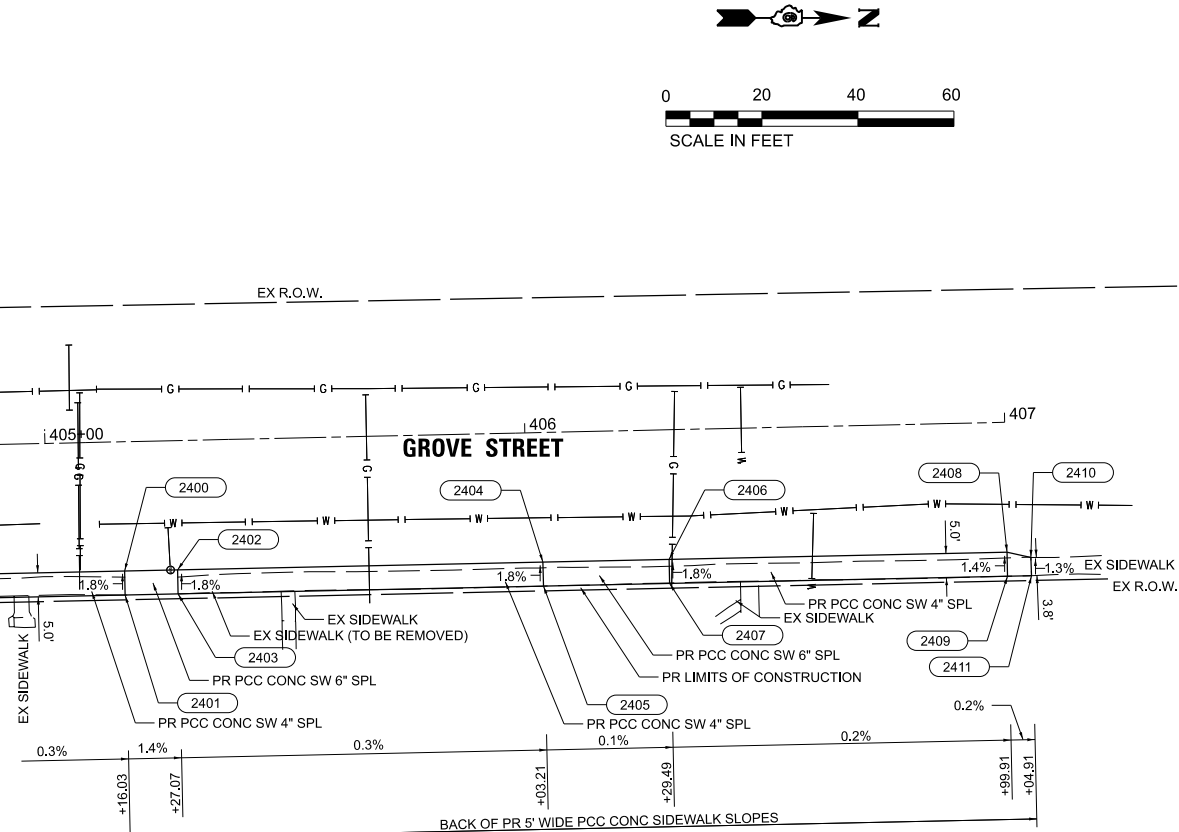


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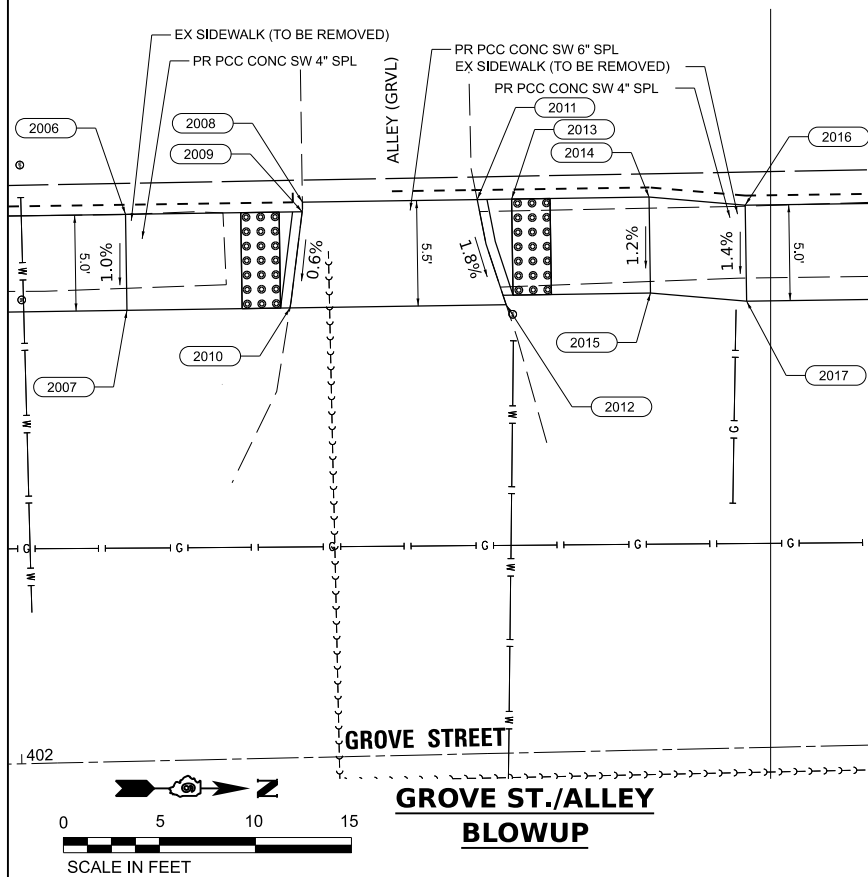


MATCHLINE (SEE ABOVE)

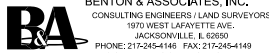


GROVESTREET (NORTH)				
POINT #	NORTHING	EASTING	ELEVATION	DESCRIPTION
2000	1035110.379	2408376.073	±668.83	SIDEWALK (MATCH EX)
2001	1035110.415	2408381.073	668.76	SIDEWALK
2002	1035173.097	2408375.059	±666.79	SIDEWALK/EDGE OF DRIVE (MATCH EX)
2003	1035173.165	2408380.059	666.72	SIDEWALK
2004	1035188.552	2408374.849	±666.33	SIDEWALK/EDGE OF DRIVE (MATCH EX)
2005	1035188.62	2408379.848	666.30	SIDEWALK
2006	1035272.181	2408373.615	664.44	SIDEWALK
2007	1035272.255	2408378.614	664.39	SIDEWALK
2008	1035281.392	2408372.979	±664.68	EDGE OF DRIVE (MATCH EX)
2009	1035281.381	2408373.479	664.68	EDGE OF PAVEMENT/SIDEWALK
2010	1035280.746	2408378.489	664.72	EDGE OF PAVEMENT/SIDEWALK
2011	1035290.498	2408372.845	±664.50	EDGE OF PAVEMENT/SIDEWALK (MATCH EX)
2012	1035292.003	2408378.323	664.42	EDGE OF PAVEMENT/SIDEWALK
2013	1035292.288	2408372.818	664.47	SIDEWALK
2014	1035299.445	2408372.713	664.28	SIDEWALK
2015	1035299.519	2408377.712	664.22	SIDEWALK
2016	1035304.452	2408373.139	664.16	SIDEWALK
2017	1035304.526	2408378.138	664.09	SIDEWALK
2018	1035404.441	2408371.664	663.16	SIDEWALK
2019	1035404.515	2408376.663	663.09	SIDEWALK

GROVESTREET (SOUTH)				
POINT #	NORTHING	EASTING	ELEVATION	DESCRIPTION
2400	1035583.311	2408422.202	661.81	SIDEWALK/EDGE OF DRIVE
2401	1035583.417	2408427.201	±661.9	SIDEWALK/EDGE OF DRIVE (MATCH EX)
2402	1035594.345	2408421.967	661.65	SIDEWALK/EDGE OF DRIVE
2403	1035594.451	2408426.965	±661.74	SIDEWALK/EDGE OF DRIVE (MATCH EX)
2404	1035670.466	2408420.34	661.46	SIDEWALK/EDGE OF DRIVE
2405	1035670.573	2408425.339	±661.55	SIDEWALK/EDGE OF DRIVE (MATCH EX)
2406	1035696.743	2408419.779	661.43	SIDEWALK/EDGE OF DRIVE
2407	1035696.85	2408424.778	±661.52	SIDEWALK/EDGE OF DRIVE (MATCH EX)
2408	1035767.151	2408418.275	661.29	SIDEWALK
2409	1035767.258	2408423.274	661.36	SIDEWALK
2410	1035772.106	2408419.381	661.30	SIDEWALK (MATCH EX)
2411	1035772.257	2408423.167	661.35	SIDEWALK (MATCH EX)



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CONSULTING ENGINEERS / LAND SURVEYORS
1970 WEST LAURETTE AVE.
JACKSONVILLE, IL 62650
PHONE: 217-245-4149 FAX: 217-245-4149
ILLINOIS DESIGN FIRM REGISTRATION NO. 154-000892

USER NAME = \$USERS
PLOT SCALE = 0.16666633" / in.
PLOT DATE = 7/29/2025

DESIGNED - DSR
DRAWN - DSR
CHECKED - SJB
DATE - JUNE 2025

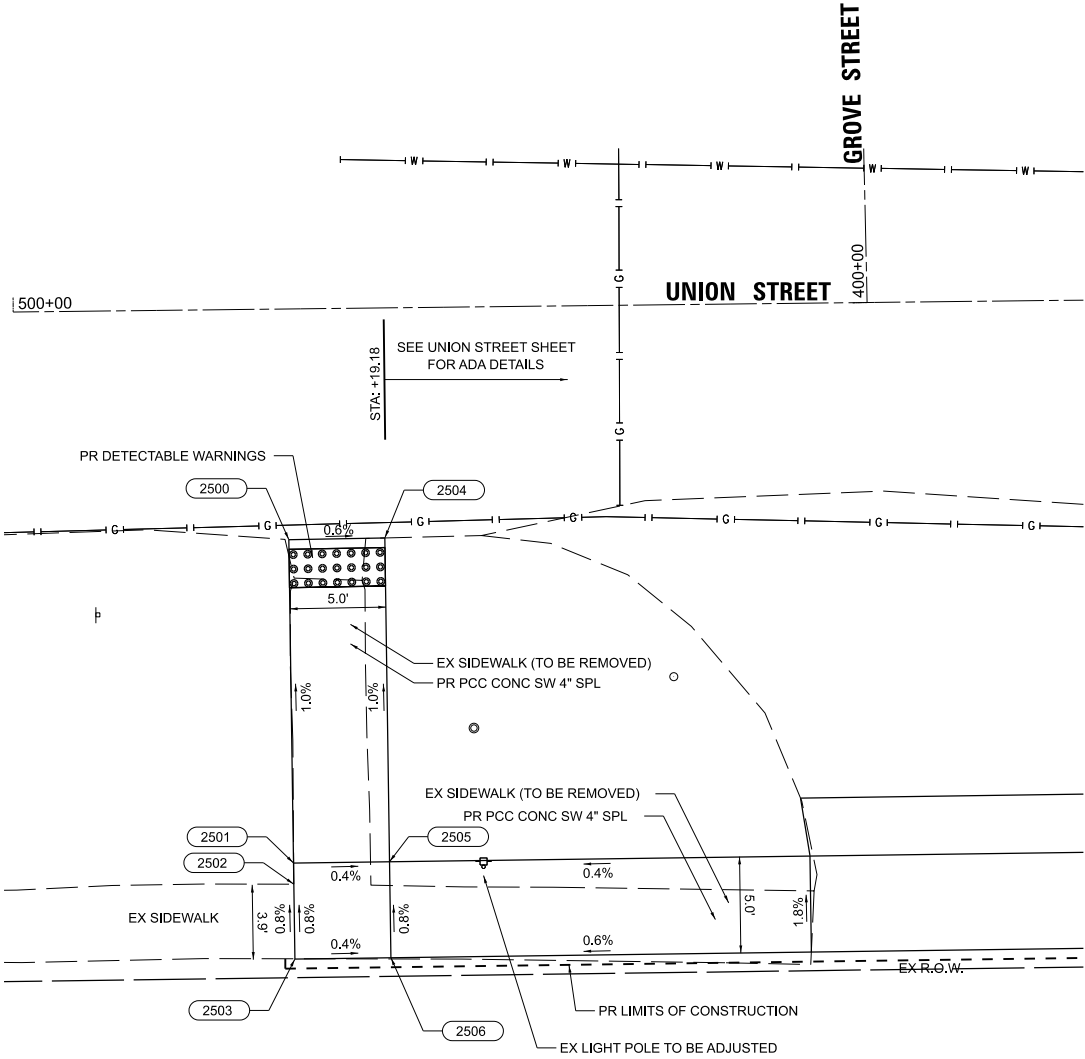
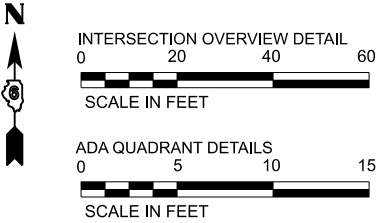
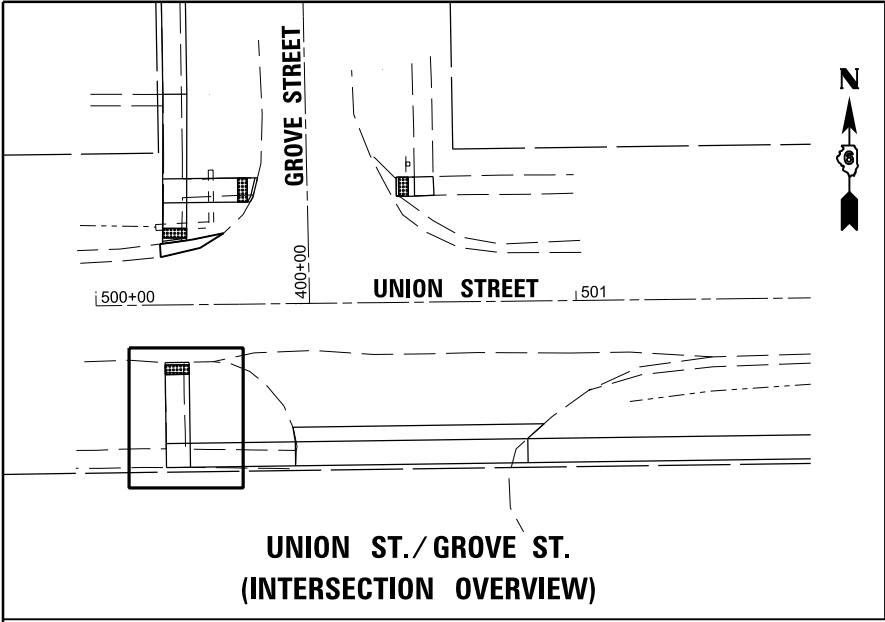
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REVISED - _____

CITY OF VIRDEN
SAFE ROUTES TO SCHOOLS PROGRAM

ADA IMPROVEMENTS
(GROVE ST.)

SCALE: 1"=5' SHEET 9 OF 14 SHEETS STA. ____+____ TO STA. ____+____

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	22-00020-00-SW	MACOUPIN	24	18
CONTRACT NO. 93844				
ILLINOIS FED. AID PROJECT				



SOUTHWEST QUADRANT UNION STREET AND GROVE STREET				
POINT #	NORTHING	EASTING	ELEVATION	DESCRIPTION
2500	1035054.477	2408376.517	±668.75	SIDEWALK/EDGE OF PAVEMENT (MATCH EX)
2501	1035037.637	2408376.764	668.91	SIDEWALK
2502	1035036.534	2408376.775	±668.92	SIDEWALK (MATCH EX)
2503	1035032.637	2408376.831	±668.95	SIDEWALK (MATCH EX)
2504	1035054.569	2408381.517	±668.72	SIDEWALK/EDGE OF PAVEMENT (MATCH EX)
2505	1035037.704	2408381.759	668.89	SIDEWALK
2506	1035032.709	2408381.83	668.93	SIDEWALK

SW QUADRANT

CITY OF VIRDEN
SAFE ROUTES TO SCHOOLS PROGRAM

ADA IMPROVEMENTS
(UNION ST. / GROVE ST.)

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	22-00020-00-SW	MACOUPIN	24	19
CONTRACT NO. 93844				
ILLINOIS FED. AID PROJECT				

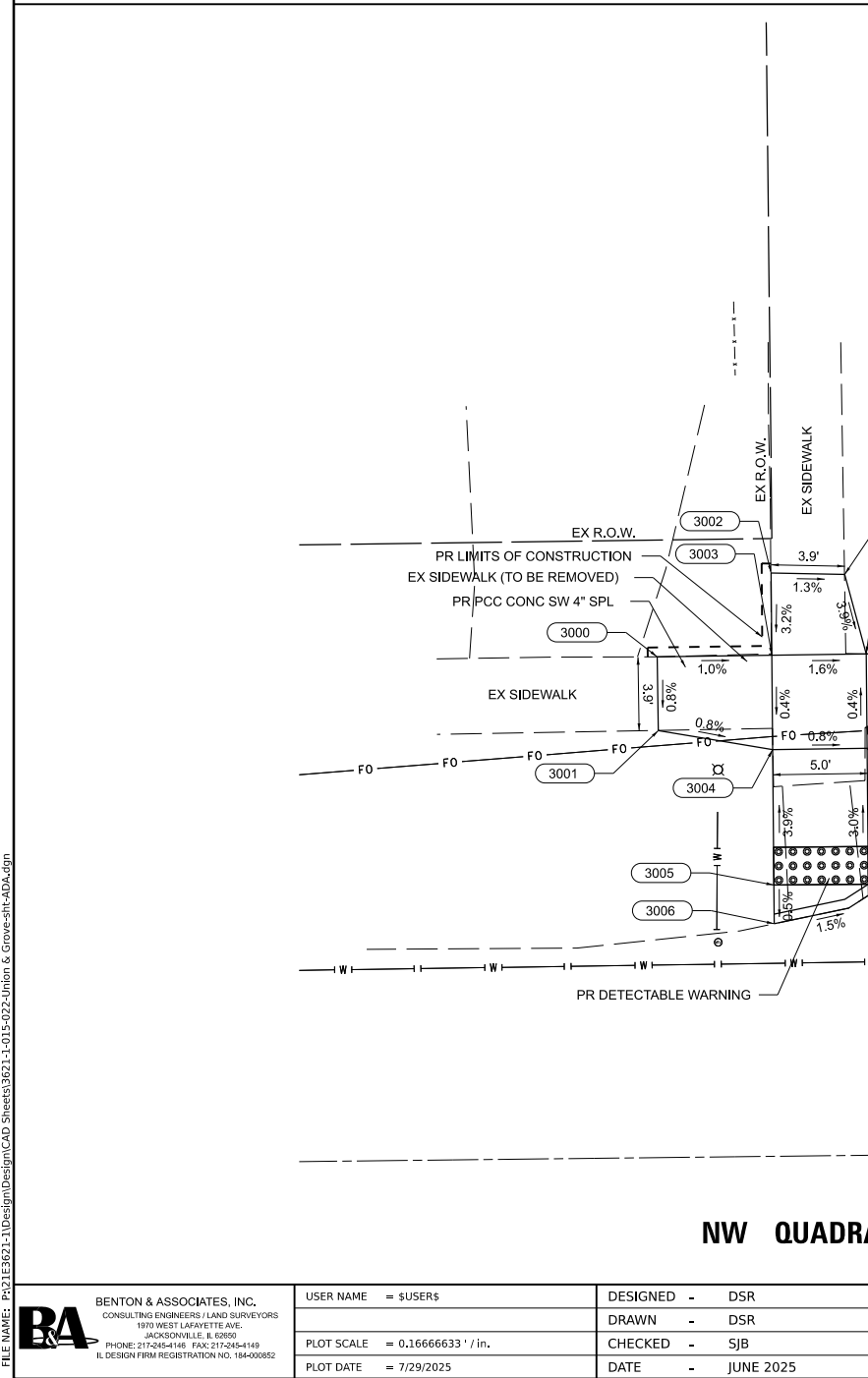
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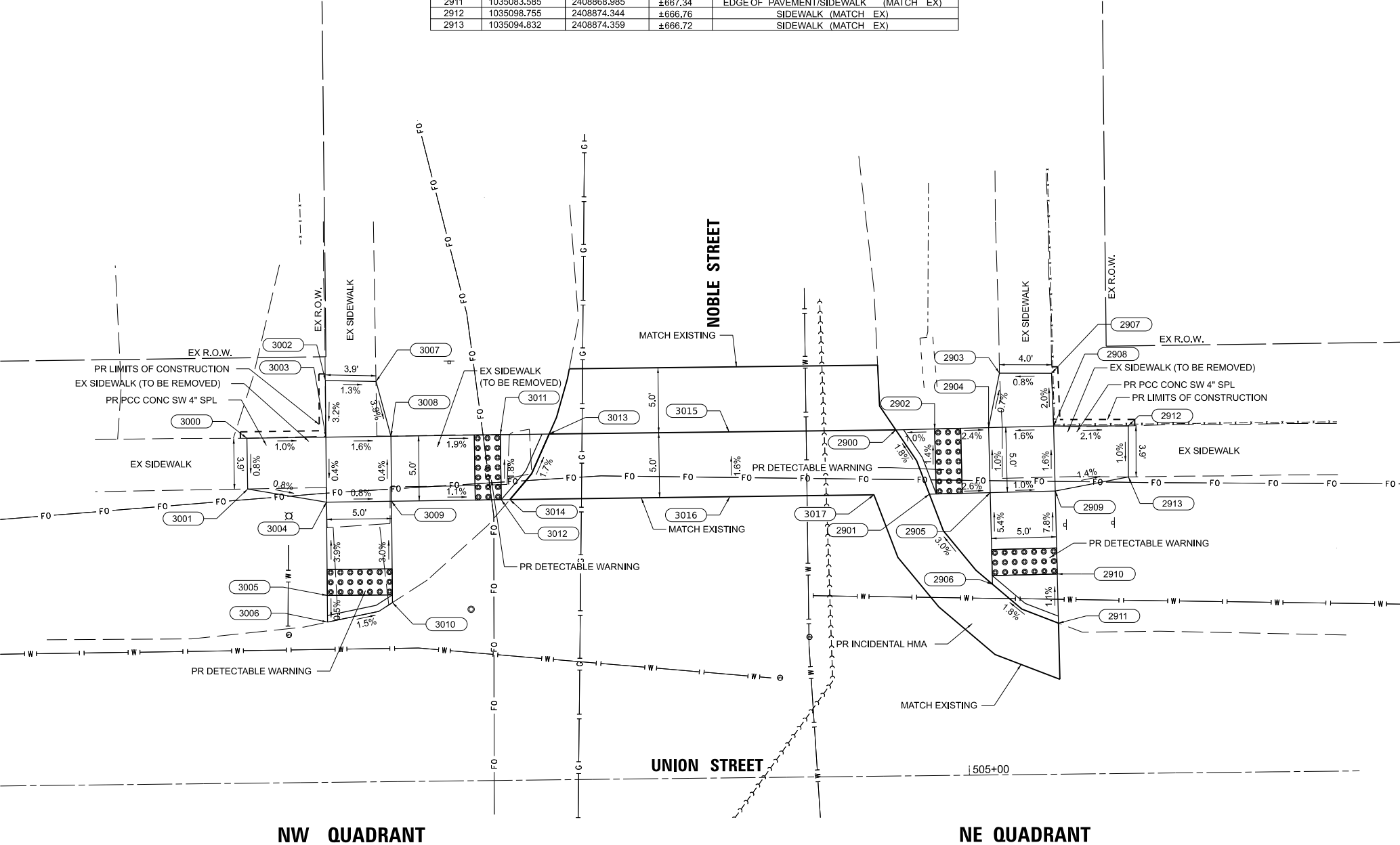


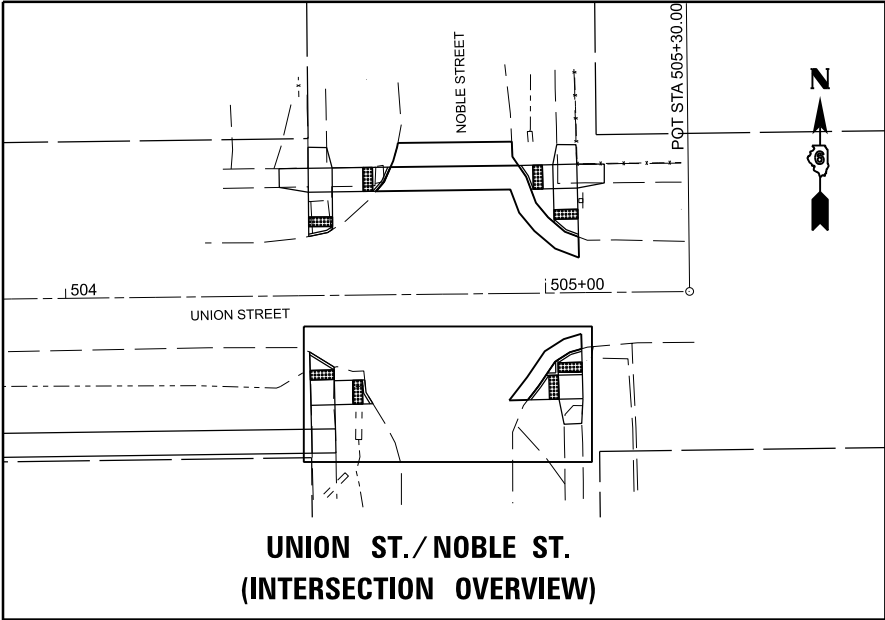
BENTON & ASSOCIATES, INC.
CONSULTING ENGINEERS / LAND SURVEYORS
1070 WEST LAFAYETTE AVE.
JACKSONVILLE, IL 62650
PHONE: 217-245-1148 FAX: 217-245-1149
IL DESIGN FIRM REGISTRATION NO. 154-000832

USER NAME = \$USERS	DESIGNED - DSR	REVISED -
	DRAWN - DSR	REVISED -
PLOT SCALE = 0.16666633' / in.	CHECKED - SJB	REVISED -
PLOT DATE = 7/29/2025	DATE - JUNE 2025	REVISED -



NORTHEAST QUADRANT UNION STREET AND NOBLE STREET				
POINT #	NORTHING	EASTING	ELEVATION	DESCRIPTION
2900	1035098.447	2408856.649	666.87	EDGE OF PAVEMENT/SIDEWALK
2901	1035093.509	2408859.052	666.97	EDGE OF PAVEMENT/SIDEWALK
2902	1035098.521	2408859.46	666.90	SIDEWALK
2903	1035102.813	2408864.437	±666.77	SIDEWALK (MATCH EX)
2904	1035098.62	2408863.609	666.80	SIDEWALK
2905	1035093.624	2408863.733	666.85	SIDEWALK
2906	1035086.575	2408863.909	667.23	EDGE OF PAVEMENT/SIDEWALK
2907	1035102.805	2408868.445	±666.80	SIDEWALK (MATCH EX)
2908	1035098.745	2408868.607	666.88	SIDEWALK
2909	1035093.747	2408868.73	666.80	SIDEWALK
2910	1035087.368	2408868.891	667.30	SIDEWALK
2911	1035083.585	2408868.985	±667.34	EDGE OF PAVEMENT/SIDEWALK (MATCH EX)
2912	1035098.755	2408874.344	±666.76	SIDEWALK (MATCH EX)
2913	1035094.832	2408874.359	±666.72	SIDEWALK (MATCH EX)





UNION ST./ NOBLE ST.
(INTERSECTION OVERVIEW)

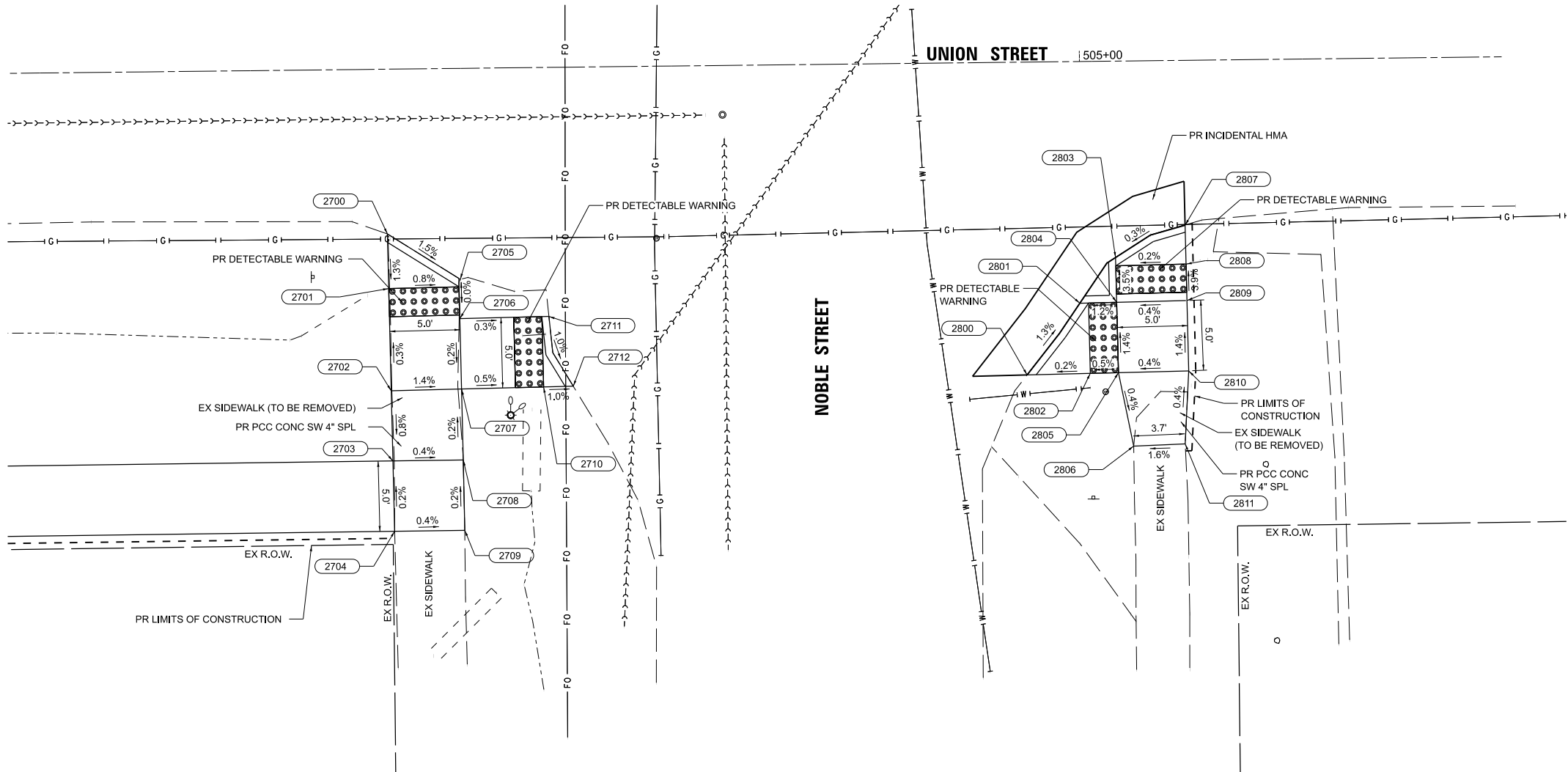
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POINT #	NORTHING	EASTING	ELEVATION	DESCRIPTION
2700	1035059.633	2408812.961	±667.71	EDGE OF PAVEMENT/SIDEWALK (MATCH EX)
2701	1035055.757	2408813.056	667.66	SIDEWALK
2702	1035048.494	2408813.233	667.68	SIDEWALK
2703	1035043.514	2408813.355	667.64	SIDEWALK
2704	1035038.515	2408813.477	±667.65	SIDEWALK (MATCH EX)
2705	1035056.477	2408818.04	±667.62	EDGE OF PAVEMENT/SIDEWALK (MATCH EX)
2706	1035053.617	2408818.109	667.62	SIDEWALK
2707	1035048.619	2408818.232	667.61	SIDEWALK
2708	1035043.581	2408818.355	667.62	SIDEWALK
2709	1035038.582	2408818.46	±667.63	SIDEWALK (MATCH EX)
2710	1035048.764	2408824.064	667.57	SIDEWALK
2711	1035053.775	2408824.44	±667.60	EDGE OF PAVEMENT/SIDEWALK (MATCH EX)
2712	1035048.817	2408826.173	±667.55	EDGE OF PAVEMENT/SIDEWALK (MATCH EX)

SOUTHEAST QUADRANT W. UNION STREET AND N. NOBLE STREET				
POINT #	NORTHING	EASTING	ELEVATION	DESCRIPTION
2800	1035049.621	2408858.418	±667.49	EDGE OF PAVEMENT/SIDEWALK (MATCH EX)
2801	1035054.716	2408862.165	667.41	EDGE OF PAVEMENT/SIDEWALK
2802	1035049.733	2408862.903	667.50	SIDEWALK
2803	1035057.958	2408864.698	667.35	EDGE OF PAVEMENT/SIDEWALK
2804	1035054.781	2408864.778	667.44	SIDEWALK
2805	1035049.783	2408864.902	667.51	SIDEWALK
2806	1035044.566	2408865.988	±667.49	SIDEWALK (MATCH EX)
2807	1035060.256	2408869.643	±667.33	EDGE OF PAVEMENT/SIDEWALK (MATCH EX)
2808	1035057.497	2408869.711	667.36	SIDEWALK
2809	1035054.906	2408869.776	667.46	SIDEWALK
2810	1035049.907	2408869.901	667.53	SIDEWALK
2811	1035044.719	2408869.649	±667.55	SIDEWALK (MATCH EX)



INTERSECTION OVERVIEW DETAIL
0 20 40 60
SCALE IN FEET

ADA QUADRANT DETAILS
0 5 10 15
SCALE IN FEET



SW QUADRANT

SE QUADRANT

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BA BENTON & ASSOCIATES, INC.
CONSULTING ENGINEERS (LAND SURVEYORS)
1670 WEST LAFALETTE AVE.
JACKSONVILLE, IL 62650
PHONE: 217-245-4181 FAX: 217-245-4181
IL DESIGN FIRM REGISTRATION NO.: 194-000852

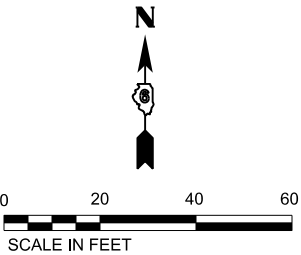
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PLOT DATE = 7/29/2025	DATE - JUNE 2025	REVISED - _____

CITY OF VIRDEN
SAFE ROUTES TO SCHOOLS PROGRAM

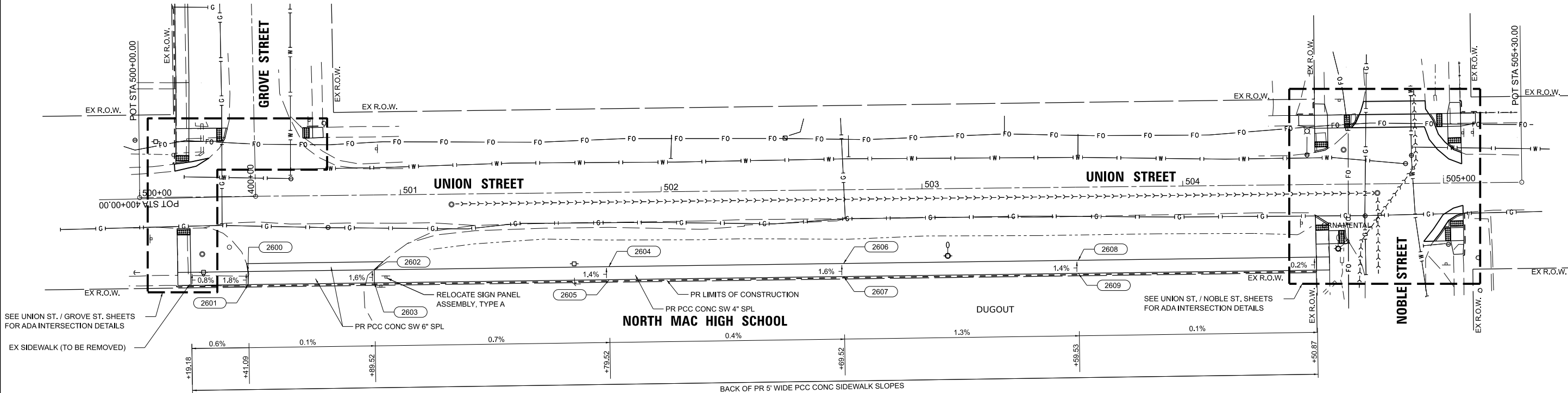
ADA IMPROVEMENTS
(UNION ST. / NOBLE ST.)

SCALE: 1"=5' SHEET 12 OF 14 SHEETS STA. ____+____ TO STA. ____+____

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	22-00020-00-SW	MACOUPIN	24	21
CONTRACT NO. 93844				
ILLINOIS FED. AID PROJECT				



W. UNION STREET (SOUTH)				
POINT #	NORTHING	EASTING	ELEVATION	DESCRIPTION
2600	1035038.023	2408403.66	668.97	SIDEWALK/EDGE OF DRIVE
2601	1035032.999	2408403.733	668.96	SIDEWALK/EDGE OF DRIVE (MATCH EX)
2602	1035038.851	2408452.098	668.95	SIDEWALK/EDGE OF DRIVE
2603	1035033.851	2408452.165	668.93	SIDEWALK/EDGE OF DRIVE
2604	1035039.862	2408542.089	668.37	SIDEWALK
2605	1035034.863	2408542.157	668.44	SIDEWALK
2606	1035041.074	2408632.081	668.73	SIDEWALK
2607	1035036.074	2408632.149	668.81	SIDEWALK
2608	1035042.285	2408722.073	667.61	SIDEWALK
2609	1035037.285	2408722.14	667.68	SIDEWALK



MODEL: P:\21E3621-1\Design\Design\CAD Sheets\3621-1-015-022-Union & Grove-sth-ADA.dgn



BENTON & ASSOCIATES, INC.

CONSULTING ENGINEERS / LAND SURVEYORS

1070 WEST LAFAYETTE AVE.

JACKSONVILLE, IL 62650

PHONE: 217-245-4148 FAX: 217-245-4149

IL DESIGN FIRM REGISTRATION NO. 164-000852

USER NAME = \$USERS	DESIGNED - DSR	REVISED - _____
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PLOT SCALE = 0.16666633' / in.	CHECKED - SJB	REVISED - _____
PLOT DATE = 7/29/2025	DATE - JUNE 2025	REVISED - _____

CITY OF VIRDEN

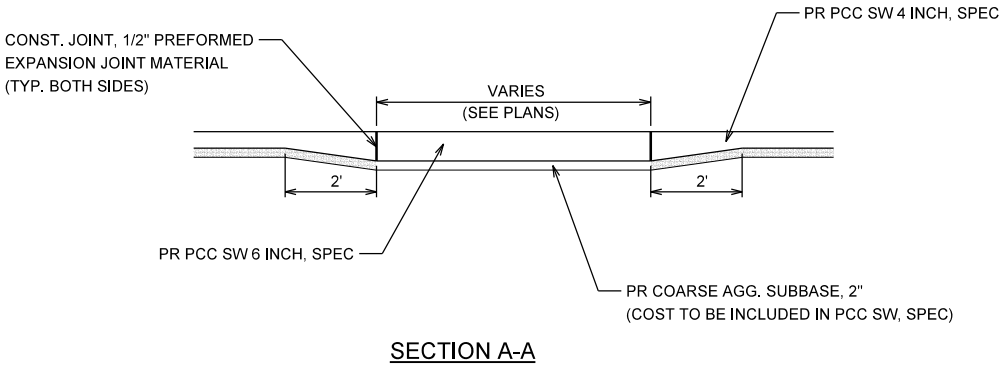
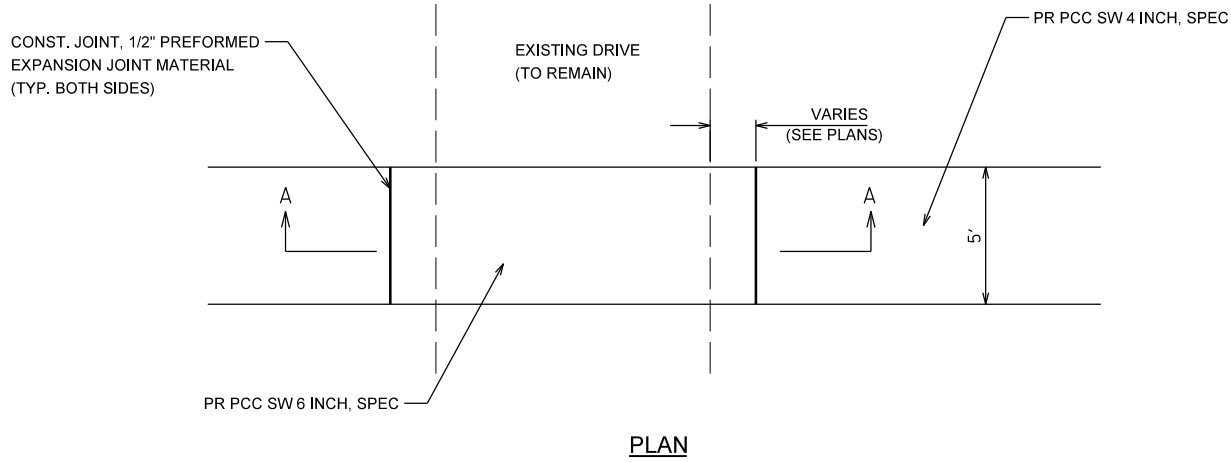
SAFE ROUTES TO SCHOOLS

ADA IMPROVEMENTS

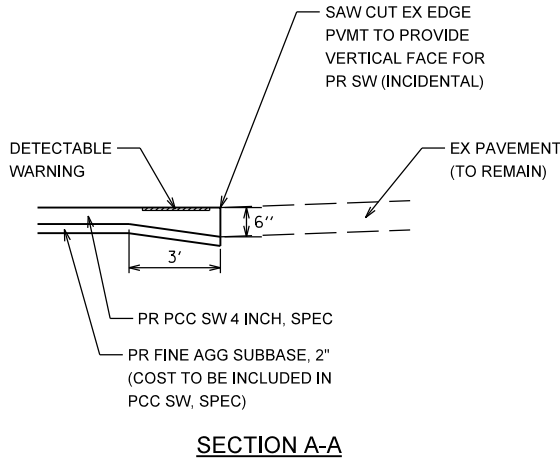
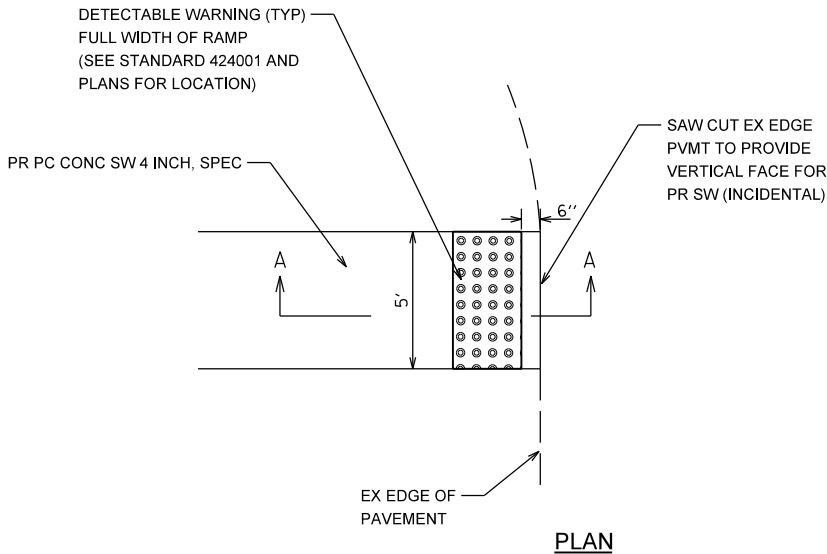
(UNION ST.)

SCALE: 1"=20'

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	22-00020-00-SW	MACOUPIN	24	22
CONTRACT NO. 93844				
ILLINOIS FED. AID PROJECT				



PROPOSED PCC SIDEWALK TRANSITION DETAIL ACROSS DRIVES
NOT TO SCALE



NOTE: COST OF ADDED THICKNESS FOR SWK AT EDGE OF
EX PAVEMENT SHALL BE INCLUDED IN THE COST OF
PORTLAND CEMENT CONCRETE SIDEWALK 4 INCH, SPEC

DETAIL SIDEWALK END ABUTTING EXISTING PAVEMENT
NOT TO SCALE

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	USER NAME = \$USERS	DESIGNED - DSR	REVISED -	CITY OF VIRDEN SAFE ROUTES TO SCHOOLS PROGRAM	CONSTRUCTION DETAILS			F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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	PLOT DATE = 7/29/2025	CHECKED - SJB	REVISED -		SCALE: SHEET 1 OF 1 SHEETS STA. TO STA.			CONTRACT NO. 93844				
		DATE - JUNE 2025	REVISED -					ILLINOIS FED. AID PROJECT				