

04-25-2025 LETTING ITEM 165

INDEX OF SHEETS

1	COVER SHEET
2	GENERAL NOTES, COMMITMENTS & HIGHWAY STANDARDS
3-6	SUMMARY OF QUANTITIES
7-9	TYPICAL SECTIONS
10-17	SCHEDULE OF QUANTITIES
18-22	REMOVAL PLANS
23-26	PLAN SHEETS
27-31	PAVEMENT MARKING AND SIGNAGE PLANS
32-36	DRAINAGE DETAILS
37-49	ADA RAMP & INTERSECTION DETAILS
50-57	TRAFFIC SIGNAL PLANS

IDOT HIGHWAY STANDARDS

SEE SHEET NO. 2

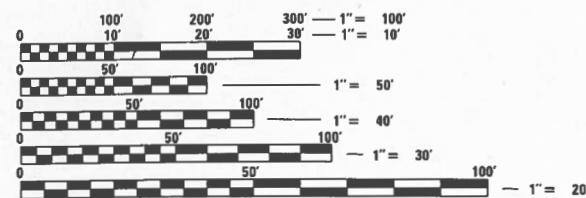
DESIGN DESIGNATION

ROADWAY CLASSIFICATION: MINOR ARTERIAL

DESIGN SPEED: 30 MPH

CURRENT ADT (2022): 7100

DESIGN YEAR ADT (2045): 8926



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 EXCAVATORS
1-800-892-0123
OR 811

PLANS PREPARED BY:



4940 Old Collinsville Road
Swansea, Illinois 62226
Tel: 618.624.4488
www.twm-inc.com
ILLINOIS - MISSOURI - TENNESSEE

Illinois Professional
Design Firm
No. 184-001220
License Expires: 4/30/2025

CONTRACT NO. 99727

STATE OF ILLINOIS

DEPARTMENT OF TRANSPORTATION

PLANS FOR PROPOSED FEDERAL AID PROJECT

HSIP FUNDS

CITY OF CARBONDALE

SOUTH WALL STREET (FAU 9724)

SECTION 23-00160-00-RS

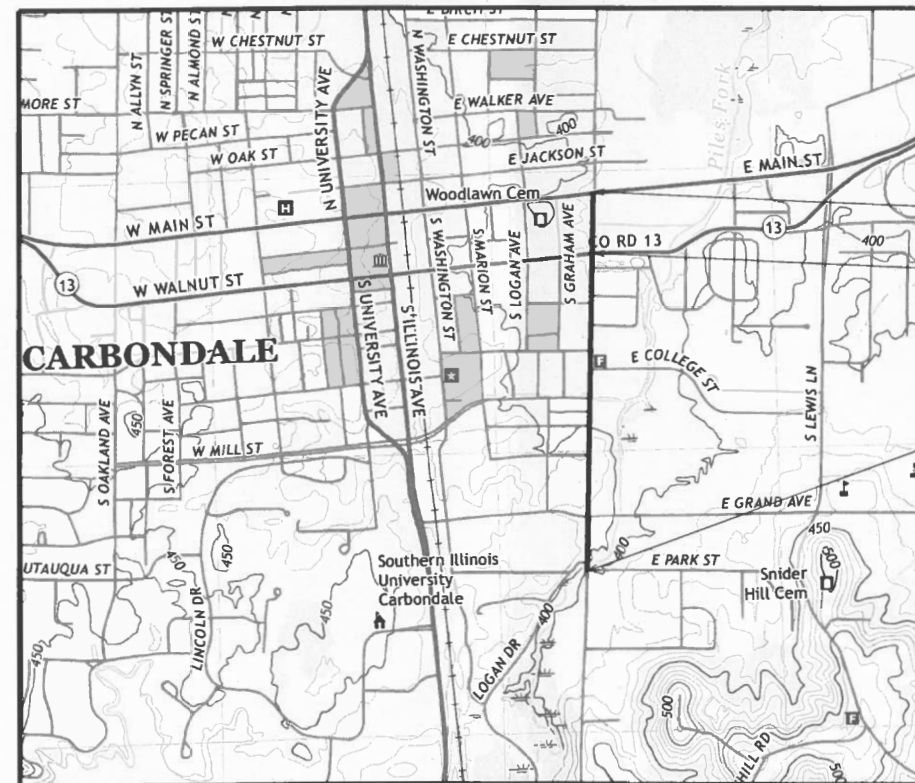
PROJECT GYCU (798)

RESURFACING, ADA RAMPS AND TRAFFIC SIGNALS

JACKSON COUNTY

C-99-051-23

R1W



LOCATION MAP

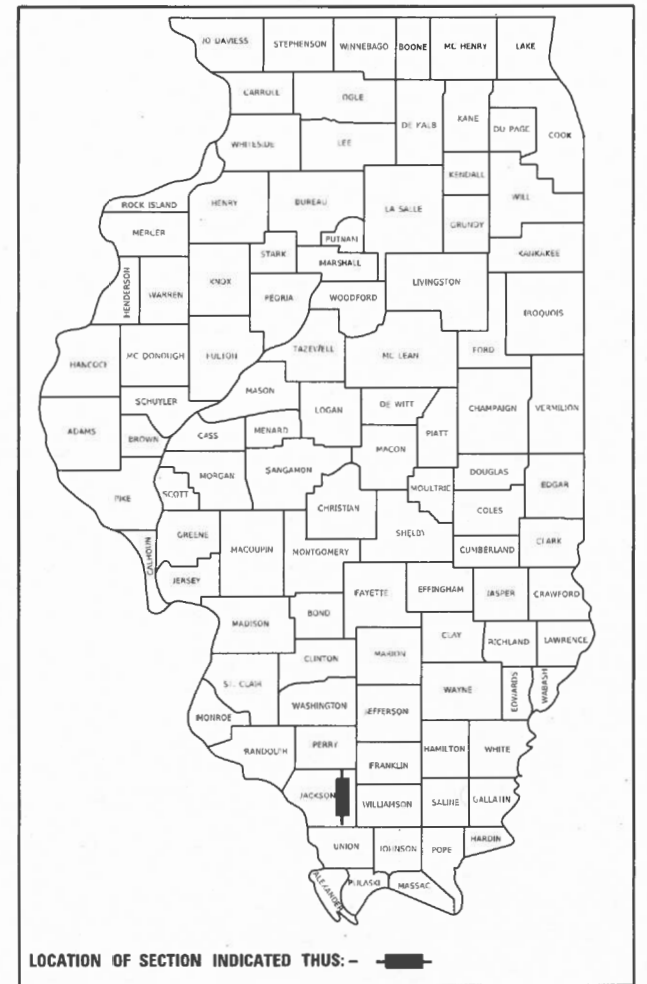
GROSS LENGTH = 4550.55 FT. = 0.862 MILE

NET LENGTH = 4510.87 FT. = 0.854 MILE



02/01/2025
Joshua W. Stein, P.E.
LICENSE NO. 062-062775
EXPIRATION DATE
11-30-2025

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9724	23-00160-00-RS	JACKSON	57	1
		ILLINOIS	CONTRACT NO. 99727	



LOCATION OF SECTION INDICATED THUS: -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

APPROVED FEBRUARY 4 20 25

Carol H. Harkins
MAYOR
CITY OF CARBONDALE

PASSED 2/11 20 25

[Signature]
DISTRICT 9 ENGINEER
LOCAL ROADS & STREETS

RELEASED FOR
BID BASED ON
LIMITED REVIEW 2/11 20 25

Low Key
REGION FIVE ENGINEER

PRINTED BY THE AUTHORITY
OF THE STATE OF ILLINOIS

GENERAL NOTES

ANY AREA DISTURBED OUTSIDE CONSTRUCTION LIMITS DURING CONSTRUCTION SHALL BE RESTORED TO ITS ORIGINAL CONDITION AT THE CONTRACTOR'S EXPENSE.

ALL EXISTING ROADWAY FEATURES, SUCH AS CULVERTS, PAVEMENT, FENCING, ETC., LOCATED WITHIN THE CONSTRUCTION LIMITS ARE TO REMAIN UNLESS NOTED OTHERWISE ON THE PLANS.

IT IS NOT WARRANTED THAT THIS DOCUMENT CONTAINS COMPLETE INFORMATION REGARDING EASEMENTS, RESERVATIONS, RESTRICTIONS, RIGHT-OF-WAYS, BUILDING LINE SETBACKS, AND OTHER ENCUMBRANCES. FOR COMPLETE INFORMATION, A TITLE OPINION OR COMMITMENT FOR TITLE INSURANCE SHOULD BE OBTAINED AND THOROUGHLY REVIEWED.

THE CONTRACTOR IS RESPONSIBLE FOR CONTACTING THE CITY OF CARBONDALE AND IDOT AT LEAST SEVENTY TWO (72) HOURS IN ADVANCE PRIOR TO COMMENCEMENT OF ANY CONSTRUCTION ACTIVITIES OR WORK REQUIRING INSPECTION OR APPROVAL BY THE AFFECTED UNITS OF GOVERNMENT.

EROSION CONTROL

IT IS THE CONTRACTOR'S RESPONSIBILITY TO ENSURE THAT ALL EROSION AND DISPLACED SEDIMENT DOES NOT MIGRATE OFF SITE. ANY SEDIMENT OR EROSION DAMAGE WHICH OCCURS OFF-SITE SHALL BE REPAIRED BY THE CONTRACTOR AT HIS/HER EXPENSE.

SIGNS AND MAILBOXES

ALL SIGNS AND MAILBOXES THAT CONFLICT WITH CONSTRUCTION ACTIVITIES SHALL BE REMOVED AND RESET BY THE CONTRACTOR AT NO ADDITIONAL COST.

ANY DAMAGE SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.

SEEDING

THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE MAINTENANCE OF THE SEEDED AREAS UNTIL ADEQUATE GRASS COVER IS ACHIEVED. ALL WASHOUT SHALL BE FILLED AND RE-SEEDED. ANY AREAS THAT DO NOT ATTAIN A GRASS COVER 30 DAYS AFTER SEEDING SHALL ALSO BE RE-SEEDED.

REMOVAL ITEMS

ALL MATERIALS SCHEDULED FOR REMOVAL SHALL BE DISPOSED OF BY THE CONTRACTOR AT HIS/HER EXPENSE.

THE SAW CUTTING OF EXISTING ITEMS SHALL BE INCLUDED IN THE COST OF THE ITEM FOR WHICH THE SAW CUT IS BEING MADE.

THE CONTRACTOR SHALL USE CARE IN PROTECTING EXISTING MANHOLES, INLETS, AND WATER VALVES DURING THE REMOVAL OPERATION. ANY NECESSARY ADJUSTMENTS TO THE EXISTING MANHOLES AND WATER VALVES WILL BE PERFORMED BY THE CONTRACTOR.

PAVING

BITUMINOUS MATERIALS APPLICATION RATE:
TACK COAT:
ON CONCRETE, EXISTING HMA, AND MILLED HMA = 0.05 LB/SQ FT
ON NEW HMA AND BRICK = 0.025 LB/SQ FT

A RAPID CURE NTEA IDOT APPROVED TACK WILL BE REQUIRED. NO TRACKING WILL BE PERMITTED.

MIXTURES FOR CRACKS, JOINTS AND FLANGEWAYS

AN APPROXIMATE QUANTITY OF 2 TONS FOR PAY ITEM "MIXTURE FOR CRACKS, JOINTS AND FLANGEWAYS" IS INCLUDED IN THE SUMMARY OF QUANTITIES IN ORDER TO ESTABLISH A UNIT COST FOR WORK WHICH MAY BE REQUIRED TO CONSTRUCT THIS PROJECT. THE ACTUAL QUANTITY OF THE ITEM SHALL BE DETERMINED BY THE ENGINEER IN THE FIELD.

UTILITIES

ILLINOIS STATE LAW REQUIRES A 48-HOUR NOTICE BE GIVEN TO ALL UTILITIES BEFORE DIGGING. FIELD MARKING OF FACILITIES MAY BE OBTAINED BY CONTACTING J.U.L.I.E. OR FOR NON-MEMBERS, THE UTILITY COMPANY DIRECTLY. AGENCIES KNOWN TO HAVE FACILITIES WITHIN THE PROJECT AREA ARE AS FOLLOWS:

- *AMEREN ILLINOIS
- *BLUEBIRD NETWORK
- *CLEARWAVE COMMUNICATIONS
- *CITY OF CARBONDALE
- *EXTENET SYSTEMS, LLC
- *FRONTIER COMMUNICATIONS
- *MEDIACOM
- *MCI/VERIZON
- *ZAYO FIBER SOLUTIONS
- IDOT (DISTRICT 9)
- SIU CAMPUS FACILITIES

MEMBERS OF J.U.L.I.E. CALL TOLL FREE (800) 892-0123 OR 811 AND ARE INDICATED BY *
NON-J.U.L.I.E. MEMBERS MUST BE NOTIFIED INDIVIDUALLY.

NO J.U.L.I.E. SURVEY WAS PERFORMED DURING THE DESIGN OF THESE PLANS.

THE ENGINEER AND OWNER DO NOT WARRANT THAT ALL UTILITIES HAVE BEEN ILLUSTRATED ON THE DOCUMENTS. THE CONTRACTOR IS SOLELY RESPONSIBLE FOR CONTACTING J.U.L.I.E. FOR FIELD VERIFICATION OF ALL UTILITIES ON THE SITE PRIOR TO COMMENCEMENT OF CONSTRUCTION. IF THE CONTRACTOR DETERMINES THE LOCATION OF THE FIELD VERIFIED UTILITIES WOULD SIGNIFICANTLY AFFECT THE FUNCTION, COST, OR PERFORMANCE OF THE PROJECT, THE CONTRACTOR SHALL IMMEDIATELY CONTACT THE ENGINEER FOR PROJECT DIRECTION.

ANY FACILITIES OR APPURTENANCES, WHICH ARE THE PROPERTY OF ANY PUBLIC UTILITY LOCATED WITHIN THE LIMITS OF CONSTRUCTION AND AFFECTING CONSTRUCTION ACTIVITIES, SHALL BE RELOCATED OR ADJUSTED BY THEIR RESPECTIVE OWNERS UNLESS OTHERWISE INDICATED ON THE PLANS. THE CONTRACTOR SHALL NOTIFY AND COOPERATE WITH THE OWNERS OF ANY SUCH FACILITY IN THEIR REMOVAL/ADJUSTMENTS AND ADJUST HIS OR HER OPERATIONS IN ORDER THAT THE UTILITY'S OPERATIONS AND THE CONSTRUCTION OF THE PROJECT MAY PROGRESS IN A REASONABLE MANNER.

LOCATING IDOT FACILITIES

THE CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING EXISTING IDOT ELECTRICAL FACILITIES AT HIS/HER OWN EXPENSE IF REQUIRED PRIOR TO PERFORMING ANY WORK. THE CONTRACTOR SHALL ALSO BE LIABLE FOR ANY DAMAGE TO IDOT FACILITIES RESULTING FROM INACCURATE LOCATING.

PROPERTY OWNERS

ACCESS MUST BE MAINTAINED TO ALL EXISTING PROPERTIES DURING CONSTRUCTION. SHOULD SHORT TERM CLOSURES BE NEEDED, THE CONTRACTOR MUST MAKE WRITTEN ARRANGEMENTS WITH THE PROPERTY OWNERS AND COPY THE ENGINEER.

COMMITMENTS

NONE

EMERGENCY CONTACT

ROBERT HARDIN
CITY OF CARBONDALE
200 S ILLINOIS AVE
CARBONDALE, IL 62901
(618) 457-3270

HIGHWAY STANDARDS

000001-08	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
001001-02	AREAS OF REINFORCEMENT BARS
001006	DECIMAL OF AN INCH AND OF A FOOT
280001-07	TEMPORARY EROSION CONTROL SYSTEMS
420001-10	PAVEMENT JOINTS
420101-07	24' JOINTED PCC PAVEMENT
420111-04	PCC PAVEMENT ROUNDOUTS
424001-12	PERPENDICULAR CURB RAMPS FOR SIDEWALKS
424006-06	DIAGONAL CURB RAMPS FOR SIDEWALKS
424011-05	CORNER PARALLEL CURB RAMPS FOR SIDEWALKS
442101-09	CLASS B PATCHES
602301-04	INLET TYPE A
602306-03	INLET TYPE B
604001-05	FRAME AND LIDS TYPE 1
604006-05	FRAME AND GRATE TYPE 3
604066-02	FRAME AND LID TYPE 15
604086-05	FRAME GRATE TYPE 23
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
701106-02	OFF-RD OPERATIONS, MULTILANE, MORE THAN 15' AWAY
701301-04	LANE CLOSURE, 2L 2W, SHORT TIME OPERATIONS
701311-03	LANE CLOSURE, 2L 2W, MOVING OPERATIONS DAY ONLY
701427-05	LANE CLOSURE MULTILANE INTERMITTENT OR MOVING OPERATIONS 40MPH OR LESS
701501-06	URBAN LANE CLOSURE, 2L 2W, UNDIVIDED
701502-09	URBAN LANE CLOSURE, 2L 2W WITH BIDIRECTIONAL LEFT TURN LANE
701601-09	URBAN LANE CLOSURE MULTILANE, 1W 2W WITH NONTRAVERSABLE MEDIAN
701602-10	URBAN LANE CLOSURE MULTILANE, 2W WITH BIDIRECTIONAL LEFT TURN LANE
701606-10	URBAN SINGLE LANE CLOSURE MULTILANE, 2W WITH MOUNTABLE MEDIAN
701701-10	URBAN LANE CLOSURE MULTILANE INTERSECTION
701801-06	SIDEWALK, CORNER OR CROSSWALK CLOSURE
701901-10	TRAFFIC CONTROL DEVICES
720001-01	SIGN PANEL MOUNTING DETAILS
720006-04	SIGN PANEL ERECTION DETAILS
728001-01	TELESCOPING STEEL SIGN SUPPORT
838001-01	BREAKAWAY DEVICES
857001-01	STANDARD PHASE DESIGNATION DIAGRAMS AND PHASE SEQUENCES
873001-02	TRAFFIC SIGNAL GROUNDING AND BONDING
876001-04	PEDESTRIAN PUSH BUTTON POST
878001-11	CONCRETE FOUNDATION DETAILS
880006-01	TRAFFIC SIGNAL MOUNTING DETAILS
886001-01	DETECTOR LOOP INSTALLATIONS
886006-01	TYPICAL LAYOUTS FOR DETECTION LOOPS

HOT-MIX ASPHALT MIXTURE REQUIREMENTS

LOCATION	S WALL STREET	
MIXTURE USE	SURFACE	INCIDENTAL
THICKNESS	1 1/2"	1 1/2"
AC/PG	PG 64-22	PG 64-22
DESIGN AIR VOIDS	4.0% @ Ndes = 70	4.0% @ Ndes = 70
MIXTURE COMPOSITION	IL - 9.5	IL - 9.5
FRICTION AGGREGATE	MIXTURE "C"	MIXTURE "C"
MIXTURE WEIGHT	115 LBS/SQ YD/IN	115 LBS/SQ YD/IN
QUALITY MANAGEMENT PROGRAM	QC/QA	QC/QA

MODEL Default.dgn
FILE NAME: 12/02/2021 12:07:22A4 CADD - DWG47 TranCADD Sheets12.0722A-ht-egenotes.dgn



TWM, INC.
www.twm-inc.com

IL DESIGN FIRM
LICENSE NO:
184-001220

USER NAME = jstein	DESIGNED -
	DRAWN -
PLOT SCALE = 40,0000 ' / in.	CHECKED -
PLOT DATE = 2/1/2025	DATE -

REVISED -
REVISED -
REVISED -
REVISED -



CITY OF CARBONDALE

GENERAL NOTES, COMMITMENTS & HIGHWAY STANDARDS

SCALE: N.T.S.	SHEET 1	OF 1	SHEETS	STA.	TO STA.
---------------	---------	------	--------	------	---------

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9724	23-00160-00-RS	JACKSON	57	2
CONTRACT NO. 99727				
		ILLINOIS	FED. AID PROJECT	

MODEL Default
FILE NAME: R:\2021\210729A4 CADD - DWG\4.7 Tran\CADD Sheets\210729A-rh-500.dgn

CODE NO.	PAY ITEM	UNIT	TOTAL QUANTITY
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	50
28000500	INLET AND PIPE PROTECTION	EACH	20
35100100	AGGREGATE BASE COURSE, TYPE A	TON	357
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	10011
40600370	LONGITUDINAL JOINT SEALANT	FOOT	14398
40600400	MIXTURE FOR CRACKS, JOINTS, AND FLANGEWAYS	TON	2
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	389
40600985	PORTLAND CEMENT CONCRETE SURFACE REMOVAL - BUTT JOINT	SQ YD	660
40600990	TEMPORARY RAMP	SQ YD	289
40604052	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "C", N70	TON	1797
40800050	INCIDENTAL HOT-MIX ASPHALT SURFACING	TON	82
42000401	PORTLAND CEMENT CONCRETE PAVEMENT 9" (JOINTED)	SQ YD	811
42400100	PORTLAND CEMENT CONCRETE SIDEWALK 4 INCH	SQ FT	5045
42400800	DETECTABLE WARNINGS	SQ FT	367

CODE NO.	PAY ITEM	UNIT	TOTAL QUANTITY
44000100	PAVEMENT REMOVAL	SQ YD	856
44000155	HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2"	SQ YD	11539
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	838
44000600	SIDEWALK REMOVAL	SQ FT	4460
550A0050	STORM SEWERS, CLASS A, TYPE 1 12"	FOOT	148
55100500	STORM SEWER REMOVAL 12"	FOOT	55
55100700	STORM SEWER REMOVAL 15"	FOOT	9
56109210	WATER VALVES TO BE ADJUSTED	EACH	20
60235700	INLETS, TYPE A, TYPE 3 FRAME AND GRATE	EACH	3
60237000	INLETS, TYPE A, TYPE 15 FRAME AND LID	EACH	4
60237460	INLETS, TYPE A, TYPE 23 FRAME AND GRATE	EACH	1
60240215	INLETS, TYPE B, TYPE 1 FRAME, CLOSED LID	EACH	1
60255500	MANHOLES TO BE ADJUSTED	EACH	21
60260100	INLETS TO BE ADJUSTED	EACH	1

* SPECIALTY ITEM



TWM, INC.
www.twm-inc.com

IL DESIGN FIRM
LICENSE NO:
184-001220

USER NAME = effisher
DRAWN -
PLOT SCALE = 100.0000 ' / in.
PLOT DATE = 2/3/2025

DESIGNED -
CHECKED -
DATE -

REVISED -
REVISED -
REVISED -
REVISED -



CITY OF CARBONDALE

SUMMARY OF QUANTITIES

SCALE:	SHEET 1	OF 4	SHEETS	STA.	TO STA.
--------	---------	------	--------	------	---------

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9724	23-00160-00-RS	JACKSON	57	3
CONTRACT NO. 99727				
ILLINOIS FED. AID PROJECT				

MODEL Default
FILE NAME: R:\2021\210729A4 CADD - DWG\4.7 TranCADD Sheets\210729A-rh-500.dgn

CODE NO.	PAY ITEM	UNIT	TOTAL QUANTITY
60260300	INLETS TO BE ADJUSTED WITH NEW TYPE 1 FRAME, OPEN LID	EACH	1
60500060	REMOVING INLETS	EACH	3
60500090	REMOVING INLETS TO MAINTAIN FLOW	EACH	2
60603800	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12	FOOT	812
60604400	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.18	FOOT	223
* 66900200	NON-SPECIAL WASTE DISPOSAL	CU YD	31
* 66900530	SOIL DISPOSAL ANALYSIS	EACH	4
* 66901001	REGULATED SUBSTANCES PRE-CONSTRUCTION PLAN	L SUM	1
* 66901003	REGULATED SUBSTANCES FINAL CONSTRUCTION REPORT	L SUM	1
* 66901006	REGULATED SUBSTANCES MONITORING	CAL DA	5
67100100	MOBILIZATION	L SUM	1
70102620	TRAFFIC CONTROL AND PROTECTION, STANDARD 701501	L SUM	1
70102622	TRAFFIC CONTROL AND PROTECTION, STANDARD 701502	L SUM	1
70102625	TRAFFIC CONTROL AND PROTECTION, STANDARD 701606	L SUM	1

CODE NO.	PAY ITEM	UNIT	TOTAL QUANTITY
70102630	TRAFFIC CONTROL AND PROTECTION, STANDARD 701601	L SUM	1
70102632	TRAFFIC CONTROL AND PROTECTION, STANDARD 701602	L SUM	1
70102635	TRAFFIC CONTROL AND PROTECTION, STANDARD 701701	L SUM	1
70102640	TRAFFIC CONTROL AND PROTECTION, STANDARD 701801	L SUM	1
70300100	SHORT TERM PAVEMENT MARKING	FOOT	2648
70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SQ FT	883
70300211	TEMPORARY PAVEMENT MARKING LETTERS AND SYMBOLS - PAINT	SQ FT	1131
70300221	TEMPORARY PAVEMENT MARKING - LINE 4"- PAINT	FOOT	12597
70300241	TEMPORARY PAVEMENT MARKING - LINE 6"- PAINT	FOOT	9411
70300261	TEMPORARY PAVEMENT MARKING - LINE 12"- PAINT	FOOT	2193
70300281	TEMPORARY PAVEMENT MARKING - LINE 24"- PAINT	FOOT	952
* 72000100	SIGN PANEL - TYPE 1	SQ FT	136.8
72400310	REMOVE SIGN PANEL - TYPE 1	SQ FT	7.9
72400710	RELOCATE SIGN PANEL - TYPE 1	SQ FT	10.0

* SPECIALTY ITEM



TWM, INC.
www.TWM-INC.COM

IL DESIGN FIRM
LICENSE NO:
184-001220

USER NAME = effisher
DRAWN -
PLOT SCALE = 100.0000 ' / in.
PLOT DATE = 2/3/2025

DESIGNED -
DRAWN -
CHECKED -
DATE -

REVISED -
REVISED -
REVISED -
REVISED -



CITY OF CARBONDALE

SUMMARY OF QUANTITIES

SCALE:	SHEET 2	OF 4	SHEETS	STA.	TO STA.
--------	---------	------	--------	------	---------

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9724	23-00160-00-RS	JACKSON	57	4
CONTRACT NO. 99727				
ILLINOIS FED. AID PROJECT				

MODEL Default
FILE NAME: R:\2021\210729A4 CADD - DWG\4.7 TranCADD Sheets\210729A-rh-500.dgn

	CODE NO.	PAY ITEM	UNIT	TOTAL QUANTITY
*	72800100	TELESCOPING STEEL SIGN SUPPORT	FOOT	359
*	78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	1131
*	78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	12597
*	78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	9411
*	78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	2193
*	78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	952
*	78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	205
	78300202	PAVEMENT MARKING REMOVAL - WATER BLASTING	SQ FT	842
*	80300100	LOCATING UNDERGROUND CABLE	FOOT	843
*	81028340	UNDERGROUND CONDUIT, PVC, 1 1/2" DIA.	FOOT	117
*	81028350	UNDERGROUND CONDUIT, PVC, 2" DIA.	FOOT	2
*	81028360	UNDERGROUND CONDUIT, PVC, 2 1/2" DIA.	FOOT	5
*	81028380	UNDERGROUND CONDUIT, PVC, 3 1/2" DIA.	FOOT	5
*	81028390	UNDERGROUND CONDUIT, PVC, 4" DIA.	FOOT	2

	CODE NO.	PAY ITEM	UNIT	TOTAL QUANTITY
*	87301215	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	1850
*	87301225	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	261
*	87301245	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	79
*	87301900	ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	344
*	87502660	TRAFFIC SIGNAL POST, ALUMINUM 12 FT.	EACH	1
*	87502700	TRAFFIC SIGNAL POST, ALUMINUM 16 FT.	EACH	1
*	87600100	PEDESTRIAN PUSH-BUTTON POST, TYPE I	EACH	13
*	87800100	CONCRETE FOUNDATION, TYPE A	FOOT	6
*	87900100	DRILL EXISTING FOUNDATION	EACH	7
*	87900200	DRILL EXISTING HANDHOLE	EACH	12
*	88102825	PEDESTRIAN SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, BRACKET MOUNTED WITH COUNT DOWN TIMER	EACH	1
*	88600100	DETECTOR LOOP, TYPE I	FOOT	1171
*	89500100	RELOCATE EXISTING SIGNAL HEAD	EACH	2
*	89500200	RELOCATE EXISTING PEDESTRIAN SIGNAL HEAD	EACH	2

* SPECIALTY ITEM



TWM, INC.
www.TWM-INC.COM

IL DESIGN FIRM
LICENSE NO:
184-001220

USER NAME	= effisher
DESIGNED	-
DRAWN	-
PLOT SCALE	= 100.0000 ' / in.
CHECKED	-
DATE	-
PLOT DATE	= 2/3/2025
REVISED	-

DESIGNED	-
REVISED	-
CHECKED	-
REVISED	-
DATE	-
REVISED	-



CITY OF CARBONDALE

SUMMARY OF QUANTITIES

SCALE:	SHEET 3	OF 4	SHEETS	STA.	TO STA.
--------	---------	------	--------	------	---------

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9724	23-00160-00-RS	JACKSON	57	5
CONTRACT NO. 99727				
ILLINOIS FED. AID PROJECT				

MODEL Default
FILE NAME: P:\2021\10792A\4 CADD - DWG\4.7 TranCADD Sheets\10792A-4ht-500.dgn

	CODE NO.	PAY ITEM	UNIT	TOTAL QUANTITY
*	89502200	MODIFY EXISTING CONTROLLER	EACH	3
*	89502300	REMOVE ELECTRIC CABLE FROM CONDUIT	FOOT	969
*	89502375	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	4
*	89502385	REMOVE EXISTING CONCRETE FOUNDATION	EACH	4
	Z0013798	CONSTRUCTION LAYOUT	L SUM	1
	K1005421	SEEDING (SPECIAL)	ACRE	0.25
*	X1400423	REMOVE EXISTING PEDESTRIAN PUSH BUTTON	EACH	6
	X4400100	PORTLAND CEMENT CONCRETE SURFACE REMOVAL (VARIABLE DEPTH)	SQ YD	4834
	X4420670	CLASS B PATCHES, TYPE I, 9 INCH (SPECIAL)	SQ YD	1134
*	X8140115	HANDHOLE TO BE ADJUSTED	EACH	2
*	X8760200	ACCESSIBLE PEDESTRIAN SIGNALS	EACH	18
*	X8950307	REMOVE EXISTING PEDESTRIAN SIGNAL HEAD	EACH	1
#	Z0076600	TRAINEES	HOURL	500
#	Z0076604	TRAINEES TRAINING PROGRAM GRADUATE	HOURL	500

* SPECIALTY ITEM # 0042



TWM, INC.
WWW.TWM-INC.COM
IL DESIGN FIRM
LICENSE NO:
184-001220

USER NAME	= efisher
PLOT SCALE	= 100.0000' / in.
PLOT DATE	= 2/3/2025

DESIGNED -	
DRAWN -	
CHECKED -	
DATE -	

REVISED -	
REVISED -	
REVISED -	
REVISED -	



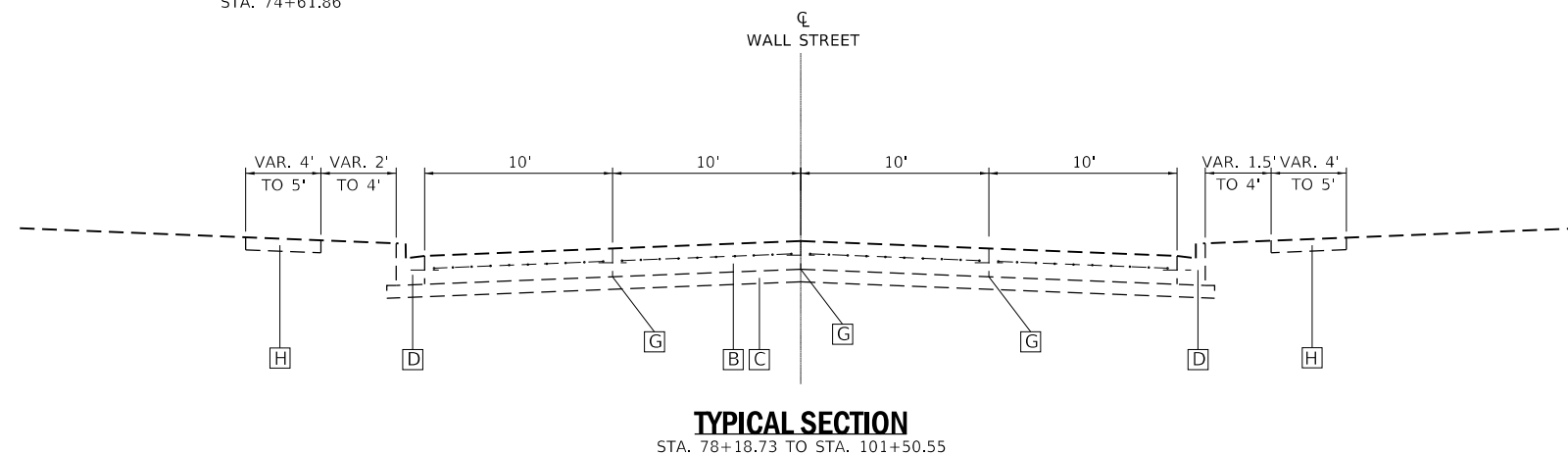
CITY OF CARBONDALE

SUMMARY OF QUANTITIES

SCALE:	SHEET 4	OF 4	SHEETS	STA.	TO STA.
--------	---------	------	--------	------	---------

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9724	23-00160-00-R5	JACKSON	57	6
CONTRACT NO. 99727				
ILLINOIS FED. AID PROJECT				

A	EX HMA OVERLAY
B	EX PCC PVT, 9" W/ WWF REINFORCEMENT
C	EX SUB GRAN MAT
D	EX COMB. CONC C&G, TYPE B-6.12
E	EX COMB. CONC C&G, TYPE B-6.18
F	EX LONGITUDINAL CONSTRUCTION JOINT
G	EX METAL LONGITUDINAL CONSTRUCTION JOINT
H	EX PCC SIDEWALK



TWM, INC.
WWW.TWM-INC.COM
IL DESIGN FIRM
LICENSE NO:
184-001220

USER NAME = jstein	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 10.0000 " / in.	CHECKED -	REVISED -
PLOT DATE = 2/1/2025	DATE -	REVISED -

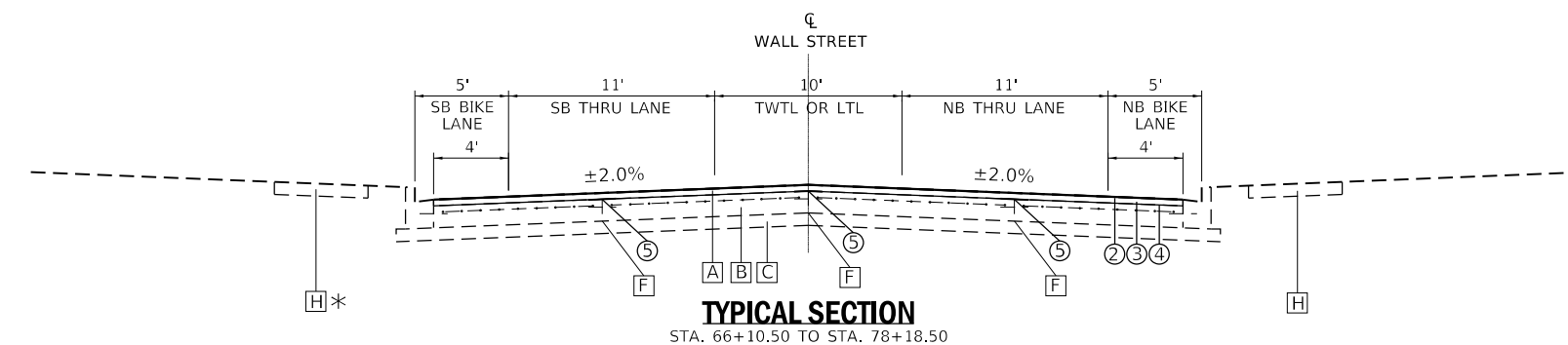
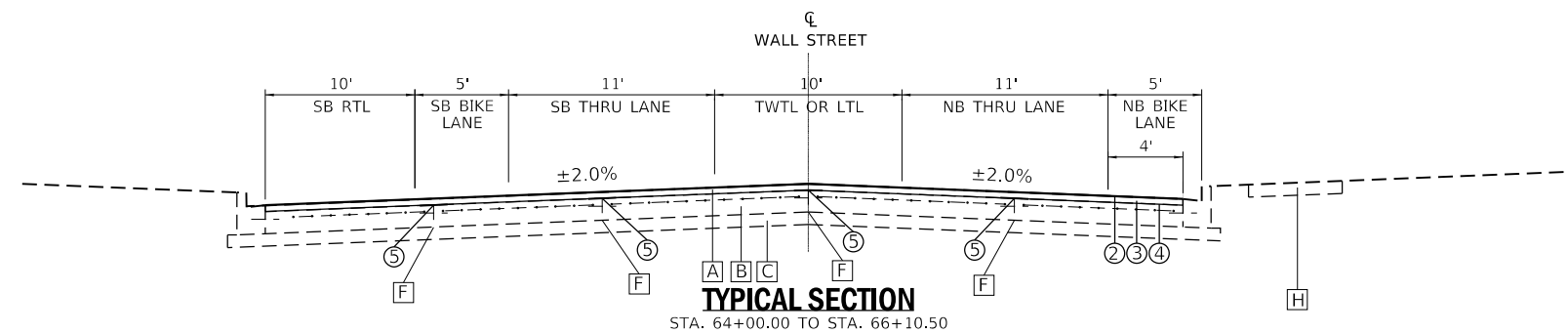
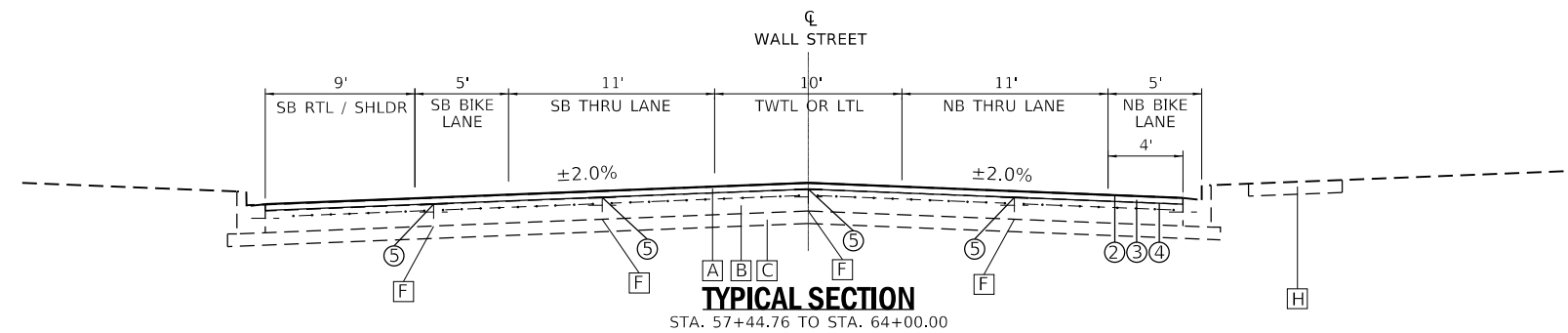


CITY OF CARBONDALE

TYPICAL SECTIONS EXISTING					F.A.U. RTE.	SECTION		COUNTY	TOTAL SHEETS	SHEET NO.
					9724	23-00160-00-RS		JACKSON	57	7
					CONTRACT NO. 99727					
SCALE: N.T.S.	SHEET 1	OF 3	SHEETS	STA.	TO STA.					

A	EX HMA OVERLAY
B	EX PCC PVT, 9" W/ WWF REINFORCEMENT
C	EX SUB GRAN MAT
D	EX COMB. CONC C&G, TYPE B-6.12
E	EX COMB. CONC C&G, TYPE B-6.18
F	EX LONGITUDINAL CONSTRUCTION JOINT
G	EX METAL LONGITUDINAL CONSTRUCTION JOINT
H	EX PCC SIDEWALK

-
- Diagram illustrating a typical cross-section of a road. The section includes a centerline (CL) and a wall street. The road is shown with a ±2.0% grade. The diagram is labeled "TYPICAL SECTION" and "STA. 56+00.00 TO STA. 57+44.76".



EX. PAVEMENT

10' BUTT JOINT

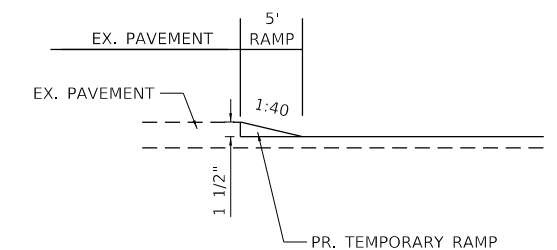
SEE TYPICAL SECTIONS

EX. PAVEMENT

PR HMA SURFACE COURSE, IL-9.5, MIX "C", N70, 1 1/2"

1 1/2"

1 1/2"

 HMA SURFACE REMOVAL - BUTT JOINT

MODEL: Default
FILE NAME: P:\2021\210792A\4 CADD - DWG\4.7 Tran\CADD Sheets\210792A-sht-typ\cal.dgn



CARBONDALE
All Ways Open

TYPICAL SECTIONS PROPOSED				
SCALE: N.T.S.	SHEET 2	OF 3	SHEETS	STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9724	23-00160-00-R5	JACKSON	57	8
		CONTRACT NO. 99727		
ILLINOIS		FED. AID PROJECT		

LEGEND

- A

EX HMA OVERLAY
- B

EX PCC PVT, 9" W/ WWF REINFORCEMENT
- C

EX SUB GRAN MAT
- D

EX COMB. CONC C&G, TYPE B-6.12
- E

EX COMB. CONC C&G, TYPE B-6.18
- F

EX LONGITUDINAL CONSTRUCTION JOINT
- G

EX METAL LONGITUDINAL CONSTRUCTION JOINT
- H

EX PCC SIDEWALK

1

PR PCC SURFACE REMOVAL, VARIABLE DEPTH

2

PR HMA SURFACE REMOVAL, 1 1/2 INCH

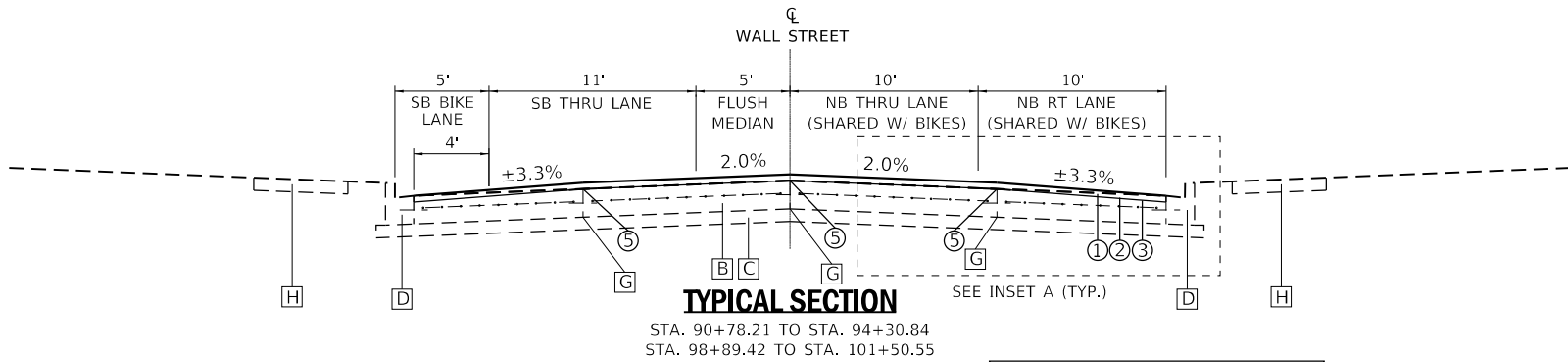
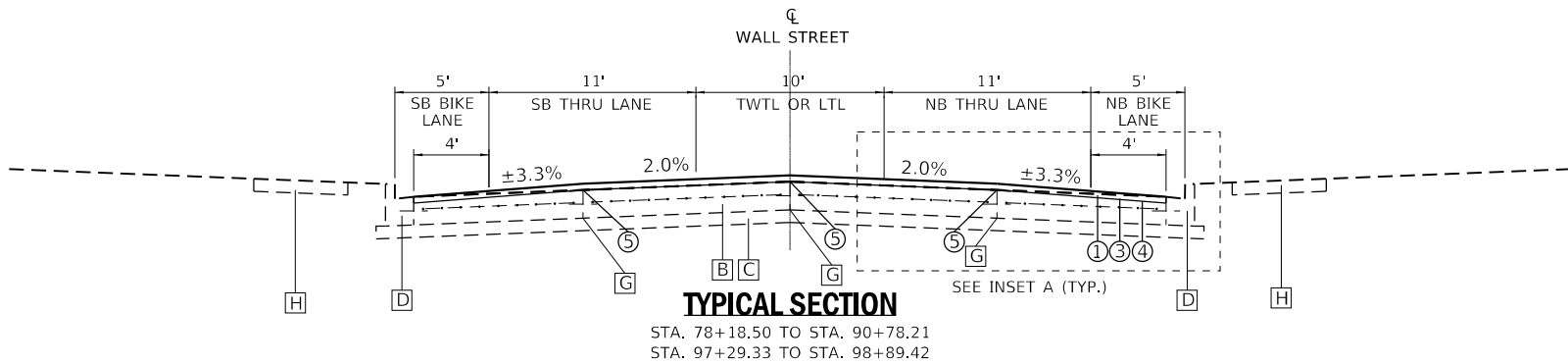
3

PR HMA SURFACE COURSE, 1 1/2 INCH

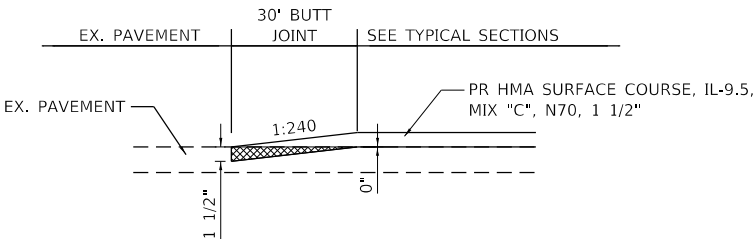
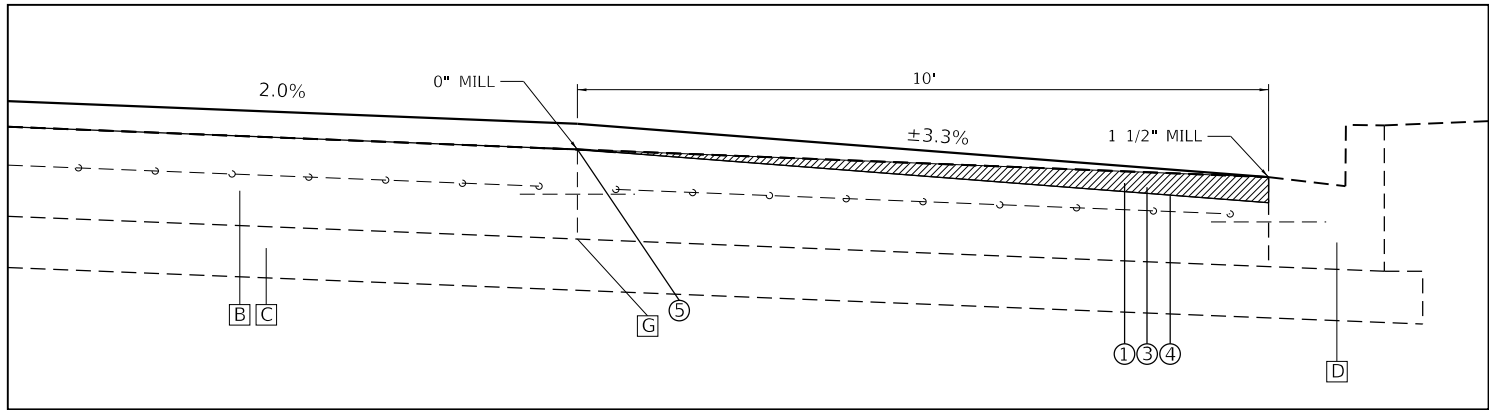
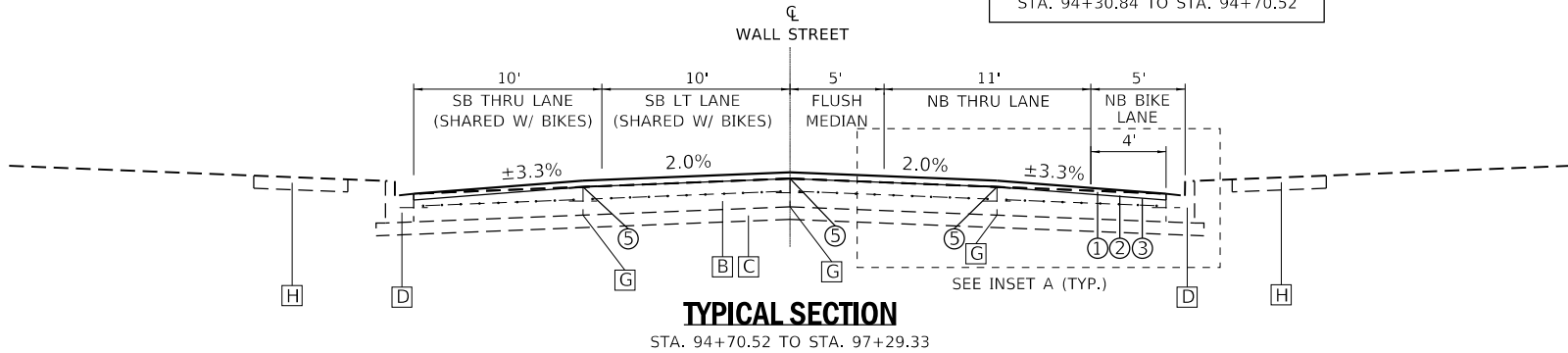
4

PR BITUMINOUS MATERIALS (TACK COAT)

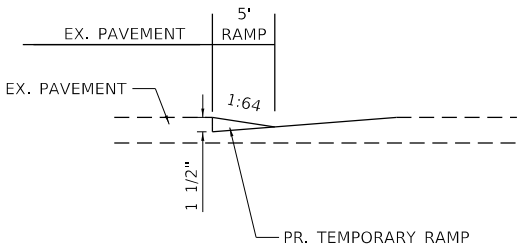
5

PR LONGITUDINAL JOINT SEALANT

PAVING OMISSION
STA. 94+30.84 TO STA. 94+70.52



PCC SURFACE REMOVAL - BUTT JOINT



MODEL Default
FILE NAME: 13-00210792A4 CADD - DWG4.7 TranCADD Streets10792A-ht-typl.dgn



TWM, INC.
WWW.TWM-INC.COM
IL DESIGN FIRM
LICENSE NO:
184-001220

USER NAME	= jstein
DESIGNED	-
DRAWN	-
PLOT SCALE	= 10.0000 ' / in.
CHECKED	-
DATE	-
PLOT DATE	= 2/1/2025
REVIS	-
REVIS	-
REVIS	-
REVIS	-

DESIGNED	-
DRAWN	-
CHECKED	-
DATE	-
REVIS	-
REVIS	-
REVIS	-
REVIS	-

DESIGNED	-
DRAWN	-
CHECKED	-
DATE	-
REVIS	-
REVIS	-
REVIS	-
REVIS	-



CITY OF CARBONDALE

TYPICAL SECTIONS
PROPOSED

SCALE: N.T.S. SHEET 3 OF 3 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9724	23-00160-00-RS	JACKSON	57	9
CONTRACT NO. 99727				
ILLINOIS FED. AID PROJECT				

MODEL Default
FILE NAME: I:\2021\0210792A4 CADD - DWG\4.7 TranCADD Sheets\0210792A-rlt-schedules.dgn

REMOVAL SCHEDULE												
LOCATION				STORM SEWER REMOVAL, 12"	STORM SEWER REMOVAL, 15"	REMOVING INLETS	REMOVING INLETS TO MAINTAIN FLOW	INLETS TO BE ADJUSTED	INLETS TO BE ADJUSTED WITH NEW TYPE 1 FRAME, OPEN LID	MANHOLES TO BE ADJUSTED	WATER VALVES TO BE ADJUSTED	HANDHOLE TO BE ADJUSTED
STATION	TO	STATION	NOTES	FOOT	FOOT	EACH	EACH	EACH	EACH	EACH	EACH	EACH
WALL ST												
57+41.97			33.02' RT							1		
58+54.22			5.76' RT							1		
58+73.14			32.04' LT							1		
59+30.88			21.73' LT							1		
60+19.02			8.60' RT							1		
64+10.50			29.64' RT							1		
70+95.74			3.41' LT							1		
77+23.59			24.12' RT								1	
77+65.45			22.04' LT								1	
79+16.08			13.06' RT							1		
80+75.02			23.32' RT					1				
80+88.63			48.24' RT								1	
80+89.22			41.25' RT								1	
80+90.29			32.63; RT								1	
80+94.93			32.58' RT								1	
81+08.02			16.84' RT							1		
83+03.27			28.37' LT			1						
83+03.27	TO	83+09.62	LT	9.0								
83+09.62			22.42' LT							1		
83+16.97			34.86' LT								1	
83+19.21			37.01' LT								1	
83+22.79			2.87' RT							1		
83+35.21			22.06' LT							1		
83+35.21	TO	83+40.03	LT		9.0							
83+40.03			28.88' LT			1						
83+58.87			12.13' RT							1		
85+95.10			21.95' RT						1			
86+14.35			6.77' RT							1		
86+19.13			33.86' RT								1	
86+25.69			33.77' RT								1	
88+60.53			26.91' LT			1						
88+60.53	TO	89+05.94	LT	46.0								
88+82.97			6.69' RT							1		
89+05.94			26.98' LT				1					
89+56.43			32.45' RT								1	
89+60.86			32.61' RT								1	
92+22.64			6.20' RT							1		
92+62.71			43.37' RT								1	
92+71.76			35.60' RT								1	
92+75.68			35.38' RT								1	
94+16.15			27.38' LT				1					
94+18.04			33.46' LT									1
94+26.86			25.10' RT							1		
94+76.61			24.02' RT							1		
95+16.97			13.41' RT								1	
97+72.77			14.73' RT								1	
97+76.98			14.69' RT								1	
97+79.35			0.98' LT							1		
97+94.13			11.91' RT								1	
101+13.86			5.39' RT								1	
101+32.56			12.42' RT							1		
101+35.64			28.01' RT									1
101+51.91			9.93' RT							1		
TOTAL:				55	9	3	2	1	1	21	20	2

INLET AND PIPE PROTECTION SCHEDULE			
STATION			INLET AND PIPE PROTECTION
			EACH
WALL ST			
77+51.49	23.74	RT	1
80+75.02	23.32	RT	1
81+47.27	22.31	RT	1
83+07.78	35.85	LT	1
83+37.90	31.85	LT	1
85+94.04	32.29	RT	1
88+64.76	32.53	LT	1
89+01.33	32.54	LT	1
89+05.94	32.54	LT	1
89+07.11	22.54	RT	1
89+37.66	55.19	RT	1
92+35.32	22.57	RT	1
93+23.96	23.38	RT	1
94+12.47	22.65	LT	1
94+15.84	27.95	LT	1
94+77.69	27.55	LT	1
101+26.33	20.68	LT	1
101+26.53	20.68	RT	1
101+55.66	68.12	RT	1
WALL ST (NORTH)			
200+29.92	35.43	RT	1
TOTAL:			20



TWM, INC.
www.TWM-INC.COM
IL DESIGN FIRM
LICENSE NO:
184-001220

USER NAME = efisher
PLOT SCALE = 100,0000 ' / in.
PLOT DATE = 2/3/2025

DESIGNED -
DRAWN -
CHECKED -
DATE -

REVISED -
REVISED -
REVISED -
REVISED -



CITY OF CARBONDALE

SCHEDULE OF QUANTITIES

SCALE: SHEET 1 OF 8 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9724	23-00160-00-RS	JACKSON	57	10
CONTRACT NO. 99727				
		ILLINOIS	FED. AID PROJECT	

MODEL Dwg.rvt
FILE NAME: I:\2021\210702A4 CAD - DWG\47 TranCAD 5\series2\0702A-shschedules.dgn

STORM SEWER AND INLETS											
STATION							STORM SEWERS. CLASS A, TYPE 1, 12 INCH	INLETS, TYPE A			INLETS, TYPE B
								TYPE 3 FRAME AND GRATE	TYPE 15 FRAME AND LID	TYPE 23 FRAME AND GRATE	
STATION	OFFSET	LT/RT	TO	STATION	OFFSET	LT/RT	FOOT	EACH	EACH	EACH	EACH
WALL ST											
83+07.78	35.85	LT	TO	83+09.62	22.42	LT	13.5				
83+07.79	35.85	LT							1		
83+35.21	22.06	LT	TO	83+37.90	31.85	LT	10.2				
83+37.90	31.85	LT							1		
85+94.17	32.20	RT	TO	85+95.10	21.95	RT	10.3				
85+94.17	32.20	RT						1			
88+64.76	32.53	LT	TO	89+01.20	32.56	LT	36.6				
88+64.76	32.53	LT							1		
89+01.20	32.56	LT	TO	89+05.94	32.54	LT	4.6				
89+01.33	32.54	LT							1		
89+05.94	32.54	LT	TO	89+05.94	26.99	LT	5.6				
89+05.94	32.54	LT									1
94+12.47	22.65	LT	TO	94+16.15	27.38	LT	6.0				
94+12.47	22.65	LT								1	
101+26.53	20.52	LT	TO	101+27.87	20.52	RT	41.0				
101+26.53	20.52	LT						1			
101+27.87	20.52	RT	TO	101+46.43	28.99	RT	20.4				
101+27.87	20.52	RT						1			
TOTAL:							148	3	4	1	1

SIGNAGE SCHEDULE										
LOCATION			DESCRIPTION					SIGN PANEL - TYPE 1	TELESCOPING STEEL SIGN SUPPORT	
STATION			SIGN	SHAPE	SIZE			SQ FT	FOOT	
56+73.80	26.27	LT	R3-17 Bike Lane	Rectangle	24	X	18	3.00	15.6	
			R3-9dP End	Rectangle	24	X	12	2.00		
58+23.48	22.27	RT	R3-17 Bike Lane	Rectangle	24	X	18	3.00	14.2	
59+27.55	22.28	RT	R3-9b Two Way Left Turn Only	Rectangle	24	X	36	6.00	15.2	
59+75.41	33.64	LT	R3-7r Right Lane Must Turn Right	Rectangle	30	X	30	6.25	16.1	
62+73.31	33.59	LT	R3-17 Bike Lane	Rectangle	24	X	18	3.00	13.9	
64+76.16	23.05	RT	R3-17 Bike Lane	Rectangle	24	X	18	3.00	14.2	
65+30.75	35.49	LT	R3-7r Right Lane Must Turn Right	Rectangle	30	X	30	6.25	14.6	
67+49.45	23.69	RT	R3-9b Two Way Left Turn Only	Rectangle	24	X	36	6.00	15.7	
70+05.61	25.90	LT	R3-9b Two Way Left Turn Only	Rectangle	24	X	36	6.00	15.6	
72+49.45	23.55	RT	R3-9b Two Way Left Turn Only	Rectangle	24	X	36	6.00	15.7	
73+55.61	24.78	LT	R3-9b Two Way Left Turn Only	Rectangle	24	X	36	6.00	14.3	
76+88.31	23.60	LT	R3-17 Bike Lane	Rectangle	24	X	18	3.00	14.2	
78+30.43	23.77	RT	R3-17 Bike Lane	Rectangle	24	X	18	3.00	14.4	
79+80.65	23.51	RT	R3-9b Two Way Left Turn Only	Rectangle	24	X	36	6.00	15.6	
84+75.45	22.82	LT	R3-9b Two Way Left Turn Only	Rectangle	24	X	36	6.00	15.7	
84+80.74	22.60	RT	R3-9b Two Way Left Turn Only	Rectangle	24	X	36	6.00	15.4	
90+25.44	22.41	LT	R3-9b Two Way Left Turn Only	Rectangle	24	X	36	6.00	15.6	
93+19.40	23.81	RT	R3-7r Right Lane Must Turn Right	Rectangle	30	X	30	6.25	15.2	
93+49.34	23.31	LT	R3-17 Bike Lane	Rectangle	24	X	18	3.00	14.1	
95+43.96	22.30	RT	R3-17 Bike Lane	Rectangle	24	X	18	3.00	14.0	
96+77.01	23.44	LT	R3-7l Left Lane Must Turn Left	Rectangle	30	X	30	6.25	14.9	
97+26.07	22.12	RT	R3-9b Two Way Left Turn Only	Rectangle	24	X	36	6.00	15.4	
99+41.78	23.59	LT	R3-9b Two Way Left Turn Only	Rectangle	24	X	36	6.00	15.4	
101+21.44	23.54	LT	R3-17 Bike Lane	Rectangle	24	X	18	3.00	14.3	
FROM TRAFFIC SIGNAL PLANS								16.8		
TOTAL:								136.8	359	

ADA SCHEDULE										
LOCATION				COMBINATION CONCRETE CURB AND GUTTER REMOVAL	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.18	SIDEWALK REMOVAL	PORTLAND CEMENT CONCRETE SIDEWALK, 4 INCH	DETECTABLE WARNINGS	AGGREGATE BASE COURSE, TYPE A *
STATION		LT/RT		FOOT	FOOT	FOOT	SQ FT	SQ FT	SQ FT	TON
WALL ST										
56+86.82	TO	57+24.73	RT				236.7	275.1	18.0	7.1
56+97.06	TO	57+27.12	RT	47.1		47.0				2.4
57+72.72	TO	57+93.74	RT	44.6		44.9				2.3
57+75.70	TO	58+13.72	RT				226.7	261.1	18.0	6.8
74+47.39	TO	74+67.53	LT	32.7		33.1				1.7
74+52.04	TO	74+66.77	LT				104.8	110.9	15.0	2.9
76+99.31	TO	77+42.05	LT	57.8	57.7					2.2
77+05.92	TO	77+33.29	LT				204.7	233.9	20.0	6.1
77+09.67	TO	77+49.68	RT				193.1	198.1	11.0	5.1
77+19.70	TO	77+39.70	RT	20.0		20.0				1.0
77+76.65	TO	78+04.65	RT				111.1	115.6	10.0	3.0
77+84.03	TO	78+11.83	LT	47.7	47.7					1.9
77+86.57	TO	78+01.57	RT	15.0		15.0				0.8
77+91.33	TO	78+15.07	LT				200.1	184.2	11.0	4.8
80+63.86	TO	80+82.64	RT				80.6	88.4	10.0	2.3
80+74.68	TO	80+84.96	RT	25.9	39.6					1.5
81+27.05	TO	81+39.49	RT	41.3	41.1					1.6
81+27.96	TO	81+54.22	RT				241.5	235.9	12.0	6.1
82+76.67	TO	83+04.73	LT				205.6	244.5	16.0	6.3
82+89.87	TO	83+09.86	LT	32.4	32.1					1.2
83+33.74	TO	83+53.97	LT	33.3	32.8					1.3
83+39.42	TO	83+61.06	LT				171.1	214.1	14.0	0.0
85+58.83	TO	85+94.49	RT				278.8	314.5	15.0	8.2
85+70.99	TO	85+99.13	RT	25.6	41.3					1.6
86+27.71	TO	86+63.46	RT	33.9	48.0					1.9
86+31.83	TO	86+65.70	RT				230.1	286.5	20.0	7.4
88+39.44	TO	88+62.85	LT				104.0	117.1	16.0	3.0
88+48.21	TO	88+67.89	LT	31.2	31.5					1.2
88+98.26	TO	89+17.63	LT	25.2	29.6					1.2
89+03.16	TO	89+31.52	LT				120.3	147.9	16.0	3.8
89+09.62	TO	89+36.36	RT				210.2	243.5	16.0	6.3
89+13.04	TO	89+39.32	RT	15.8	47.5					1.8
89+13.04	TO	89+96.51	RT	76.1	83.5					3.2
89+65.51	TO	89+96.51	RT	49.9	49.5					1.9
89+68.13	TO	90+00.11	RT				234.0	277.9	17.0	7.2
92+39.19	TO	92+64.39	RT				205.8	218.5	19.0	5.7
92+45.08	TO	93+20.49	RT	72.7	75.4					2.9
92+45.08	TO	92+69.07	RT		37.0					1.4
92+97.35	TO	93+20.49	RT	9.4	37.5					1.5
93+03.07	TO	93+20.45	RT				152.5	170.5	15.0	4.4
94+02.35	TO	94+19.91	LT				146.8	155.4	15.0	4.0
94+03.02	TO	94+22.13	LT	25.0		25.0				1.3
94+67.75	TO	94+96.53	LT	9.4		37.6				1.9
94+68.88	TO	95+01.24	LT				243.4	288.2	22.0	7.5
101+18.24	TO	101+35.38	LT				204.9	177.2	10.0	4.6
101+18.42	TO	101+39.79	LT	8.7	22.5					0.9
101+23.63	TO	101+56.29	RT				317.5	425.4	21.0	11.0
101+23.63	TO	101+44.76	RT	21.3	21.9					0.9
101+55.52	TO	101+58.16	RT	20.5	20.5					0.8
WALL ST (NORTH)										
200+24.92	TO	200+30.44	RT	15.0	16					0.6
200+25.78	TO	200+35.43	RT				36.0	60.6	10.0	1.6
TOTAL:				838	812	223	4460	5045	367	168

*SEE REPAVING SCHEDULE FOR ADDITIONAL QUANTITY

	TWM, INC. WWW.TWM-INC.COM		USER NAME = efisher	DESIGNED -	REVISED -		CITY OF CARBONDALE	SCHEDULE OF QUANTITIES						F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	IL DESIGN FIRM LICENSE NO: 184-001220		PLOT SCALE = 100,0000 ' / in.	DRAWN -	REVISED -									9724	23-00160-00-R5	JACKSON	57	11
			PLOT DATE = 2/3/2025	CHECKED -	REVISED -									CONTRACT NO. 99727				
				DATE -	REVISED -			SCALE:	SHEET 2	OF 8	SHEETS	STA.	TO STA.	ILLINOIS	FED. AID PROJECT			

MODEL Default
FILE NAME: I:\2021\210729A4 CADD - DWG\47 TranCADD Sheets\210729A-ht-schedules.dgn

REPAVING SCHEDULE															
LOCATION				HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2"	PORTLAND CEMENT CONCRETE SURFACE REMOVAL - BUTT JOINT	PORTLAND CEMENT CONCRETE SURFACE REMOVAL (VAR. DEPTH)	PAVEMENT REMOVAL	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "C", N70	INCIDENTAL HOT-MIX ASPHALT SURFACING	BITUMINOUS MATERIALS (TACK COAT)	LONGITUDINAL JOINT SEALANT	PORTLAND CEMENT CONCRETE PAVEMENT 9" (JOINTED)	AGGREGATE BASE COURSE, TYPE A *	CLASS B PATCHES, TYPE I, 9 INCH (SPECIAL)
STATION	TO	STATION	LT/RT	SQ YD	SQ YD	SQ YD	SQ YD	SQ YD	TON	TON	POUND	FOOT	SQ YD	TON	SQ YD
Wall St															
56+00.00	TO	94+30.84	LT/RT						1536.2		8229.5	12358.0			951.1
56+00.00	TO	56+10.00	LT/RT	37.8											
56+10.00	TO	78+18.73	LT/RT		11538.5										
56+97.06	TO	58+00.29	RT							20.9	84.1				
57+27.27	TO	57+72.04	RT	49.7											
58+02.75	TO	58+92.73	LT							15.5	62.1				
58+28.72	TO	58+61.35	LT	36.3											
63+15.34	TO	64+47.70	RT							30.9	127.6				
63+20.10	TO	64+56.80	LT	151.9											
63+60.69	TO	64+13.15	RT	58.3											
70+62.78	TO	71+28.35	LT							8.1	32.7				
70+80.47	TO	71+08.91	LT	31.6											
74+09.18	TO	74+67.35	LT							6.9	27.7				
74+27.97	TO	74+49.17	LT	23.6											
77+11.64	TO	77+64.30	LT/RT					110.9			49.8		110.6	25.8	
78+18.73	TO	78+48.85	LT/RT			133.9									
78+48.85	TO	94+04.35	LT/RT				3456.7								
80+74.67	TO	81+41.63	LT/RT					163.6					166.1	38.8	
82+89.59	TO	83+64.63	LT/RT					75.8					75.2	17.5	
85+78.39	TO	86+49.52	LT/RT					140.1					133.7	31.2	
88+48.29	TO	89+17.59	LT/RT					115.1					112.6	26.3	
89+17.89	TO	89+83.10	LT/RT					122.5					119.2	27.8	
92+50.35	TO	93+11.55	LT/RT					128.6					94.0	21.9	
94+04.35	TO	94+30.84	LT/RT			172.1									
94+10.63	TO	94+14.89	LT												0.6
94+64.27	TO	94+70.56	LT												3.3
94+70.52	TO	101+50.55	LT/RT						260.9		1397.9	2040.0			155.3
94+70.52	TO	94+90.64	LT/RT			202.1									
94+90.64	TO	101+30.46	LT/RT				1377.2								
101+24.70	TO	101+29.70	LT/RT												22.2
101+30.46	TO	101+50.55	LT/RT			152.4									
Wall St (North)															
200+22.82	TO	200+29.05	RT												1.9
TOTAL:				389	11539	660	4834	856	1797	82	10011	14398	811	189	1134

*SEE ADA SCHEDULE FOR ADDITIONAL QUANTITY

SEEDING SCHEDULE								
LOCATION			SEEDING, CLASS 1A	NITROGEN FERTILIZER NUTRIENT	PHOSPHORUS FERTILIZER NUTRIENT	POTASSIUM FERTILIZER NUTRIENT	MULCH, METHOD 1	TEMP. EROSION CONTROL SEEDING (POUND) (2 APPL.)
STATION	TO	STATION	ACRE	POUND	POUND	POUND	ACRE	POUND
WALL ST								
56+00.00	TO	101+50.55	0.25	22.5	22.5	22.5	0.25	50.0
TOTAL:			0.25	22.5	22.5	22.5	0.25	50.0
PAY TOTAL:			*	*	*	*	*	50

* INCLUDED IN THE COST OF SEEDING (SPECIAL)



TWM, INC.
www.twm-inc.com

IL DESIGN FIRM
LICENSE NO:
184-001220

USER NAME = efisher

PLOT SCALE = 100,0000 ' / in.
PLOT DATE = 2/3/2025

DESIGNED -
DRAWN -
CHECKED -
DATE -

REVISED -
REVISED -
REVISED -
REVISED -



CITY OF CARBONDALE

SCHEDULE OF QUANTITIES

SCALE: SHEET 3 OF 8 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9724	23-00160-00-RS	JACKSON	57	12
CONTRACT NO. 99727				
ILLINOIS FED. AID PROJECT				

MODEL Defaul
FILE NAME: 12/0210792A4 CADD - DWG47 TranCADD Sheets12.0792A-rhs-schedule.dgn

PAVEMENT MARKING SCHEDULE																				
LOCATION					PAVEMENT MARKING REMOVAL - WATER BLASTING	RAISED REFLECTIVE PAVEMENT MARKER	SHORT TERM PAVEMENT MARKING	SHORT TERM PAVEMENT MARKING REMOVAL	TEMPORARY PAVEMENT MARKING - PAINT						THERMOPLASTIC PAVEMENT MARKING					
									LETTERS AND SYMBOLS	LINE 4"	LINE 6"	LINE 12"		LINE 24"	LETTERS AND SYMBOLS	LINE 4"	LINE 6"	LINE 12"		LINE 24"
										YELLOW	WHITE	WHITE	YELLOW	WHITE		YELLOW	WHITE	WHITE	YELLOW	WHITE
STATION	TO	STATION	LOCATION	TYPE	SQ FT	EACH	FOOT	SQ FT	SQ FT	FOOT	FOOT	FOOT	FOOT	FOOT	SQ FT	FOOT	FOOT	FOOT	FOOT	FOOT
WALL ST																				
56+00.00	TO	57+10.96	Bike Lane Line RT	Solid White Line							111.1						111.1			
56+00.00	TO	58+02.89	Lane Edge Line LT	Solid White Line							202.9						202.9			
56+00.00	TO	57+48.04	Centerline RT	Solid Double Yellow			59.3	19.8		296.4						296.4				
56+00.00	TO	57+48.04	Centerline RT @ 40' CNTRS	2-Way Amber		4														
56+00.00	TO	57+48.04	Centerline LT	Solid Double Yellow			59.2	19.7		296.0						296.0				
56+00.00	TO	57+48.04	Centerline LT @ 40' CNTRS	2-Way Amber		4														
56+00.00	TO	57+48.04	Diagonal @ 40' CNTRS	Solid Yellow Line									35.2						35.2	
56+00.00	TO	58+02.89	Diagonal @ 40' CNTRS LT	Solid White Line								90.0						90.0		
56+05.56	TO	58+02.89	Bike Lane Line LT	Solid White Line							197.4						197.4			
57+10.96	TO	58+02.97	Dotted Bike Lane Line RT	Dotted White Line							23.0						23.0			
57+10.69	TO	57+87.88	Crosswalk RT	Solid White Line								77.2						77.2		
57+20.40	TO	57+78.33	Crosswalk RT	Solid White Line								57.9						57.9		
57+44.35	TO		Centerline Side Road	Solid Double Yellow			4.0	1.3		3.5						3.5				
57+44.35	TO		Stop Bar RT	Solid White Line										11.6						11.6
57+48.04	TO	59+88.12	TWLTL Solid LT	Solid Yellow Line			48.0	16.0		240.1						240.1				
57+48.04	TO	59+88.12	TWLTL Dash LT	Skip-Dash Yellow			12.0	4.0		60.0						60.0				
57+48.04	TO	63+36.69	TWLTL LT/Centerline @ 40' CNTRS	2-Way Amber		15														
57+48.04	TO	60+28.30	TWLTL Solid RT	Solid Yellow Line			56.1	18.7		280.3						280.3				
57+48.04	TO	60+28.30	TWLTL Dash RT	Skip-Dash Yellow			14.0	4.7		70.1						70.1				
57+48.04	TO	60+28.30	TWLTL RT @ 40' CNTRS	2-Way Amber		7														
57+55.83	TO		Lane Line Side Road RT	Solid White Line			3.2	1.1			16.1						16.1			
57+55.83	TO		Stop Bar RT	Solid White Line										18.5						18.5
57+67.91	TO		CTR	Left Arrow					15.6						15.6					
57+79.04	TO		18.25 LT	Bike w/ Arrow					11.2						11.2					
57+87.91	TO		CTR	Left Arrow					15.6						15.6					
58+02.89	TO	58+62.46	Dotted Bike Lane Line LT	Dotted White Line							14.9						14.9			
58+02.89	TO	58+62.46	Dotted Bike Lane Line LT	Dotted White Line							14.9						14.9			
58+02.97	TO	63+36.37	Bike Lane Line RT	Solid White Line							533.7						533.7			
58+02.97	TO		17.89 RT	Bike w/ Arrow					11.2						11.2					
58+62.46	TO	59+77.46	Bike Lane Line LT	Solid White Line							115.0						115.0			
58+62.46	TO	59+77.46	Bike Lane Line LT	Solid White Line							115.0						115.0			
58+89.84	TO		22.63 LT	Right Arrow					15.6						15.6					
59+39.98	TO		CTR	Left Arrow					15.6						15.6					
59+56.59	TO		23.06 LT	Right Arrow					15.6						15.6					
59+60.01	TO		CTR	Left Arrow					15.6						15.6					
59+63.64	TO		18.64 LT	Bike w/ Arrow					11.2						11.2					
59+77.46	TO	60+97.46	Dotted Bike Lane Line LT	Dotted White Line							30.0						30.0			
59+77.46	TO	60+97.46	Dotted Bike Lane Line LT	Dotted White Line							30.0						30.0			
59+88.12	TO	63+36.69	Centerline	Solid Double Yellow			139.4	46.5		696.8						696.8				
59+90.95	TO	63+36.50	Bike Lane Line LT	Solid White Line							351.5						351.5			
59+90.95	TO	63+36.69	Diagonal @ 40' CNTRS LT	Solid White Line								162.1						162.1		
60+88.30	TO	63+36.69	Lane Line RT	Solid White Line							248.4						248.4			
60+97.46	TO	62+95.25	Bike Lane Line LT	Solid White Line							197.8						197.8			
60+98.07	TO		CTR	Left Arrow					15.6						15.6					
61+95.86	TO		CTR	Left Arrow					15.6						15.6					
62+88.02	TO		CTR	Left Arrow					15.6						15.6					
62+88.02			17.75 RT	Bike w/ Arrow					11.2						11.2					
62+91.31	TO		18.36 LT	Bike w/ Arrow					11.2						11.2					
63+36.69	TO		Stop Bar	Solid White Line										29.7						29.7
63+36.95	TO	63+46.71	Crosswalk E-W	Solid White Line								72.2						72.2		
63+43.41	TO	64+22.69	Crosswalk E-W	Solid White Line								79.3						79.3		
63+44.04	TO	63+53.67	Crosswalk N-S	Solid White Line								71.2						71.2		
63+44.37	TO	64+22.25	Crosswalk N-S	Solid White Line								78.2						78.2		
63+53.67	TO	64+16.07	Crosswalk N-S	Solid White Line								62.5						62.5		
63+54.34	TO	64+16.40	Crosswalk N-S	Solid White Line								62.1						62.1		
64+16.07	TO	64+22.25	Crosswalk E-W	Solid White Line								74.1						74.1		
64+23.23	TO	64+29.32	Crosswalk E-W	Solid White Line								72.9						72.9		
64+34.14	TO	65+29.92	Lane Line LT	Solid White Line			19.2	6.4			95.8						95.8			



TWM, INC.
www.twm-inc.com
IL DESIGN FIRM
LICENSE NO: 184-001220

USER NAME = efisher
DESIGNED -
DRAWN -
PLOT SCALE = 100,0000 ' / in.
PLOT DATE = 2/3/2025

REVISD -
REVISD -
REVISD -
REVISD -



CITY OF CARBONDALE

SCHEDULE OF QUANTITIES

SCALE: SHEET 4 OF 8 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9724	23-00160-00-RS	JACKSON	57	13
CONTRACT NO. 99727				
		ILLINOIS	FED. AID PROJECT	

MODEL Dwg-01
FILE NAME: 12102110792A4 CADD - DWG047 TranCADD Streets1210792A-ptschedule.dgn

PAVEMENT MARKING SCHEDULE																				
LOCATION					PAVEMENT MARKING REMOVAL - WATER BLASTING	RAISED REFLECTIVE PAVEMENT MARKER	SHORT TERM PAVEMENT MARKING	SHORT TERM PAVEMENT MARKING REMOVAL	TEMPORARY PAVEMENT MARKING - PAINT						THERMOPLASTIC PAVEMENT MARKING					
									LETTERS AND SYMBOLS	LINE 4"	LINE 6"	LINE 12"		LINE 24"	LETTERS AND SYMBOLS	LINE 4"	LINE 6"	LINE 12"		LINE 24"
												YELLOW	WHITE	WHITE	YELLOW	WHITE	YELLOW	WHITE	WHITE	
STATION	TO	STATION	LOCATION	TYPE	SQ FT	EACH	FOOT	SQ FT	SQ FT	FOOT	FOOT	FOOT	FOOT	FOOT	SQ FT	FOOT	FOOT	FOOT	FOOT	FOOT
WALL ST																				
64+34.14	TO	65+29.92	Bike Lane Line LT	Solid White Line							95.8						95.8			
64+34.14	TO	65+29.92	Bike Lane Line LT	Solid White Line							95.8						95.8			
64+34.14	TO	65+89.92	Centerline	Solid Double Yellow			62.3	20.8		311.6						311.6				
64+34.14	TO	75+45.59	Centerline/TWLTL RT @ 40' CNTRS	2-Way Amber		28														
64+34.14	TO		Stop Bar	Solid White Line										44.0						44.0
64+37.00	TO	77+10.89	Bike Lane Line RT	Solid White Line							1273.9						1273.9			
64+58.17	TO		18.26 RT	Bike w/ Arrow					11.2						11.2					
64+90.78	TO		23.89 LT	Right Arrow					15.6						15.6					
64+91.22	TO		CTR	Left Arrow					15.6						15.6					
65+22.13	TO		18.83 LT	Bike w/ Arrow					11.2						11.2					
65+29.93	TO	66+21.40	Dotted Bike Lane Line LT	Dotted White Line							22.9						22.9			
65+29.93	TO	66+10.54	Dotted Bike Lane Line LT	Dotted White Line							19.5						19.5			
65+89.92	TO	75+45.59	TWLTL Solid LT	Solid Yellow Line			191.1	63.7		955.7					955.7					
65+89.92	TO	75+45.59	TWLTL Dash LT	Skip-Dash Yellow			47.8	15.9		238.9					238.9					
65+89.92	TO	77+20.89	TWLTL LT/Centerline @ 40' CNTRS	2-Way Amber		28														
65+89.92	TO	75+45.59	TWLTL Solid RT	Solid Yellow Line			191.1	63.7		955.7					955.7					
65+89.92	TO	75+45.59	TWLTL Dash RT	Skip-Dash Yellow			47.8	15.9		238.9					238.9					
66+21.40	TO	70+61.15	Bike Lane Line LT	Solid White Line							439.8						439.8			
66+38.17	TO		CTR	Left Arrow					15.6						15.6					
66+58.23	TO		CTR	Left Arrow					15.6						15.6					
69+18.20	TO		CTR	Left Arrow					15.6						15.6					
69+33.23	TO		CTR	Left Arrow					15.6						15.6					
70+52.69	TO		18.45 LT	Bike w/ Arrow					11.2						11.2					
70+61.15	TO	71+31.28	Dotted Bike Lane Line LT	Dotted White Line							17.5						17.5			
70+68.20	TO	71+22.27	Dotted Bike Lane Line LT	Dotted White Line							13.5						13.5			
71+31.28	TO	74+08.96	Bike Lane Line LT	Solid White Line							277.7						277.7			
71+33.54			18.58 RT	Bike w/ Arrow					11.2						11.2					
71+87.96	TO		CTR	Left Arrow					15.6						15.6					
72+07.99	TO		CTR	Left Arrow					15.6						15.6					
74+03.27	TO		18.80 LT	Bike w/ Arrow					11.2						11.2					
74+08.96	TO	74+65.99	Dotted Bike Lane Line LT	Dotted White Line							14.3						14.3			
74+13.36	TO	74+62.24	Dotted Bike Lane Line LT	Dotted White Line							12.2						12.2			
74+63.27	TO		CTR	Left Arrow					15.6						15.6					
74+65.99	TO	77+20.46	Bike Lane Line LT	Solid White Line							254.5						254.5			
74+83.35	TO		CTR	Left Arrow					15.6						15.6					
75+45.59	TO	77+20.89	Centerline	Solid Double Yellow			69.9	23.3		349.7						349.7				
76+05.59	TO	77+10.89	Lane Line RT	Solid White Line			21.1	7.0			105.3						105.3			
76+08.90	TO		CTR	Left Arrow					15.6						15.6					
76+81.22	TO		CTR	Left Arrow					15.6						15.6					
76+89.10	TO		18.43 RT	Bike w/ Arrow					11.2						11.2					
77+06.32	TO		18.59 LT	Bike w/ Arrow					11.2						11.2					
77+10.89	TO		Stop Bar	Solid White Line										21.5						21.5
77+13.18	TO		CTR	Bike Symbol					4.7						4.7					
77+13.18	TO		11.04 RT	Bike Symbol					4.7						4.7					
77+20.89	TO		Stop Bar	Solid White Line										25.7						25.7
77+26.20	TO	77+26.37	Crosswalk E-W	Solid White Line								48.0					48.0			
77+33.20	TO	77+33.37	Crosswalk E-W	Solid White Line								48.4					48.4			
77+33.21	TO	77+90.24	Dotted Bike Lane Line RT	Dotted White Line							14.3						14.3			
77+33.37	TO	77+91.55	Crosswalk N-S	Solid White Line								58.6					58.6			
77+34.67	TO	77+92.29	Crosswalk N-S	Solid White Line								58.1					58.1			
77+90.12	TO	77+91.55	Crosswalk E-W	Solid White Line								55.5					55.5			
77+97.13	TO	77+98.55	Crosswalk E-W	Solid White Line								55.3					55.3			
78+02.66	TO	80+69.73	Bike Lane Line RT	Solid White Line							267.1						267.1			
78+02.66	TO		18.11 RT	Bike w/ Arrow					11.2						11.2					
78+03.70	TO	82+89.36	Bike Lane Line LT	Solid White Line							485.7						485.7			
78+03.70	TO	79+02.66	Centerline LT/RT	Solid Double Yellow			82.7	27.6		413.5						413.5				
78+03.70	TO	94+08.21	Centerline/TWLTL RT @ 40' CNTRS	2-Way Amber		40														
78+03.70	TO	94+08.21	Centerline/TWLTL LT @ 40' CNTRS	2-Way Amber		40														



TWM, INC.
www.twm-inc.com
IL DESIGN FIRM
LICENSE NO:
184-001220

USER NAME = efisher
DESIGNED -
DRAWN -
PLOT SCALE = 100,0000 ' / in.
PLOT DATE = 2/3/2025

DESIGNED -
DRAWN -
CHECKED -
DATE -

REVISED -
REVISED -
REVISED -
REVISED -



CITY OF CARBONDALE

SCHEDULE OF QUANTITIES

SCALE: SHEET 5 OF 8 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9724	23-00160-00-RS	JACKSON	57	14
CONTRACT NO. 99727				
ILLINOIS		FED. AID PROJECT		

MODEL Dwg-01
FILE NAME: 13-00110792A4 CADD - DWG047 TranCADD Sheets10792A-01b-schedule.dgn

PAVEMENT MARKING SCHEDULE																				
LOCATION					PAVEMENT MARKING REMOVAL - WATER BLASTING	RAISED REFLECTIVE PAVEMENT MARKER	SHORT TERM PAVEMENT MARKING	SHORT TERM PAVEMENT MARKING REMOVAL	TEMPORARY PAVEMENT MARKING - PAINT						THERMOPLASTIC PAVEMENT MARKING					
									LETTERS AND SYMBOLS	LINE 4"	LINE 6"	LINE 12"		LINE 24"	LETTERS AND SYMBOLS	LINE 4"	LINE 6"	LINE 12"		LINE 24"
										YELLOW	WHITE	WHITE	YELLOW	WHITE		YELLOW	WHITE	WHITE	YELLOW	WHITE
STATION	TO	STATION	LOCATION	TYPE	SQ FT	EACH	FOOT	SQ FT	SQ FT	FOOT	FOOT	FOOT	FOOT	FOOT	SQ FT	FOOT	FOOT	FOOT	FOOT	FOOT
WALL ST																				
78+03.70	TO	79+02.66	Diagonal @ 40' CNTRS	Solid Yellow Line									60.4						60.4	
78+03.70	TO		Stop Bar	Solid White Line										24.0						24.0
79+02.66	TO	90+78.21	TWLTL Solid LT	Solid Yellow Line			235.1	78.4		1175.6						1175.6				
79+02.66	TO	90+78.21	TWLTL Dash LT	Skip-Dash Yellow			58.8	19.6		293.9						293.9				
79+02.66	TO	90+78.21	TWLTL Solid RT	Solid Yellow Line			235.1	78.4		1175.5						1175.5				
79+02.66	TO	90+78.21	TWLTL Dash RT	Skip-Dash Yellow			58.8	19.6		293.9						293.9				
80+40.70	TO		CTR	Left Arrow					15.6						15.6					
80+60.75	TO		CTR	Left Arrow					15.6						15.6					
80+69.73	TO	81+49.40	Dotted Bike Lane Line RT	Dotted White Line							19.9						19.9			
80+79.09	TO	81+34.72	Dotted Bike Lane Line RT	Dotted White Line							13.9						13.9			
80+82.68	TO	81+29.30	Crosswalk RT	Solid White Line								47.1						47.1		
80+84.78	TO	81+26.12	Crosswalk RT	Solid White Line								41.4						41.4		
81+01.75	TO		Centerline Side Road	Solid Double Yellow			7.5	2.5		37.3						37.3				
81+01.75	TO		Stop Bar Rt	Solid White Line										22.4						22.4
81+12.63	TO		Lane Line Side Road RT	Solid White Line			3.5	1.2			17.5						17.5			
81+41.23	TO		17.95 RT	Bike w/ Arrow					11.2						11.2					
81+49.40	TO	85+70.59	Bike Lane Line RT	Solid White Line							421.2						421.2			
82+88.85	TO		18.27 LT	Bike w/ Arrow					11.2						11.2					
82+89.36	TO	83+54.61	Dotted Bike Lane Line LT	Dotted White Line							16.3						16.3			
82+94.38	TO	83+49.14	Dotted Bike Lane Line LT	Dotted White Line							13.7						13.7			
82+98.79	TO	83+45.86	Crosswalk LT	Solid White Line								47.1						47.1		
83+07.06	TO	83+36.87	Crosswalk LT	Solid White Line								29.8						29.8		
83+09.81	TO		Stop Bar LT	Solid White Line										11.9						11.9
83+40.71	TO		CTR	Left Arrow					15.6						15.6					
83+54.61	TO	88+48.74	Bike Lane Line LT	Solid White Line							494.1						494.1			
83+60.11			18.15 RT	Bike w/ Arrow					11.2						11.2					
83+60.74	TO		CTR	Left Arrow					15.6						15.6					
85+70.59	TO	86+56.44	Dotted Bike Lane Line RT	Dotted White Line							21.5						21.5			
85+79.71	TO	86+48.72	Dotted Bike Lane Line RT	Dotted White Line							17.3						17.3			
85+85.79	TO	86+42.18	Crosswalk RT	Solid White Line								56.4						56.4		
85+94.33	TO	86+32.71	Crosswalk RT	Solid White Line								38.4						38.4		
86+13.42	TO		Stop Bar RT	Solid White Line										16.1						16.1
86+40.71	TO		CTR	Left Arrow					15.6						15.6					
86+48.32			17.97 RT	Bike w/ Arrow					11.2						11.2					
86+56.44	TO	88+19.04	Bike Lane Line RT	Solid White Line							261.4						261.4			
86+60.74	TO		CTR	Left Arrow					15.6						15.6					
88+46.65	TO		18.08 LT	Bike w/ Arrow					11.2						11.2					
88+48.74	TO	89+17.32	Dotted Bike Lane Line LT	Dotted White Line							17.1						17.1			
88+54.50	TO	89+11.74	Dotted Bike Lane Line LT	Dotted White Line							14.3						14.3			
88+57.96	TO	89+08.03	Crosswalk LT	Solid White Line								50.1						50.1		
88+65.58	TO	89+00.52	Crosswalk LT	Solid White Line								34.9						34.9		
88+67.94	TO		Stop Bar LT	Solid White Line										15.0						15.0
89+17.32	TO	94+08.21	Bike Lane Line LT	Solid White Line							490.9						490.9			
89+19.04	TO	89+92.88	Dotted Bike Lane Line RT	Dotted White Line							18.3						18.3			
89+20.04	TO	89+88.92	Dotted Bike Lane Line RT	Dotted White Line							17.2						17.2			
89+25.89	TO	89+81.20	Crosswalk RT	Solid White Line								55.3						55.3		
89+34.32	TO	89+72.54	Crosswalk RT	Solid White Line								38.2						38.2		
89+40.71	TO		CTR	Left Arrow					15.6						15.6					
89+60.74	TO		CTR	Left Arrow					15.6						15.6					
89+91.11	TO	91+73.21	Bike Lane Line RT	Solid White Line							182.1						182.1			
89+92.66	TO		18.06 RT	Bike w/ Arrow																
90+78.21	TO	94+10.71	Centerline LT/RT	Solid Double Yellow			267.2	89.1		1335.8						1335.8				
90+78.21	TO	94+08.21	Diagonal @ 40' CNTRS	Solid Yellow Line									118.5						118.5	
91+73.21	TO	92+93.21	Dotted Bike Lane Line RT	Dotted White Line							30.0						30.0			
92+59.30	TO	93+07.26	Crosswalk RT	Solid White Line								48.0						48.0		
92+66.07	TO	93+00.39	Crosswalk RT	Solid White Line								34.3						34.3		
92+66.51	TO		5.45 RT	Shared Lane Symbol					8.0						8.0					
92+66.51	TO		16.10 RT	Shared Lane Symbol					8.0						8.0					



TWM

ENGINEERING
GEOSPATIAL SERVICES

TWM, INC.

www.twm-inc.com

IL DESIGN FIRM
LICENSE NO:
184-001220

USER NAME = efisher	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 100,0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 2/3/2025	DATE -	REVISED -



CITY OF CARBONDALE

SCHEDULE OF QUANTITIES

SCALE: SHEET 6 OF 8 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9724	23-00160-00-RS	JACKSON	57	15
CONTRACT NO. 99727				
		ILLINOIS	FED. AID PROJECT	

MODEL Defaul
FILE NAME: 13102110792A4 CADD - DWG647 TranCADD Sheets10792A-ptschedule.dgn

PAVEMENT MARKING SCHEDULE																				
LOCATION					PAVEMENT MARKING REMOVAL - WATER BLASTING	RAISED REFLECTIVE PAVEMENT MARKER	SHORT TERM PAVEMENT MARKING	SHORT TERM PAVEMENT MARKING REMOVAL	TEMPORARY PAVEMENT MARKING - PAINT						THERMOPLASTIC PAVEMENT MARKING					
									LETTERS AND SYMBOLS	LINE 4"	LINE 6"	LINE 12"		LINE 24"	LETTERS AND SYMBOLS	LINE 4"	LINE 6"	LINE 12"		LINE 24"
												YELLOW	WHITE	WHITE	YELLOW	WHITE	YELLOW	WHITE	WHITE	WHITE
STATION	TO	STATION	LOCATION	TYPE	SQ FT	EACH	FOOT	SQ FT	SQ FT	FOOT	FOOT	FOOT	FOOT	FOOT	SQ FT	FOOT	FOOT	FOOT	FOOT	FOOT
WALL ST																				
92+83.23	TO		Stop Bar RT	Solid White Line										16.1						16.1
92+83.23	TO		Stop Bar RT	Solid White Line										14.6						14.6
92+93.21	TO	94+08.21	Lane Line RT	Solid White Line			23.0	7.7			115.0						115.0			
93+04.21	TO		4.88 RT	Through Arrow					11.5						11.5					
93+04.21	TO		12.27 RT	Right Arrow					15.6						15.6					
93+42.33	TO		4.83 RT	Shared Lane Symbol					8.0						8.0					
93+42.33	TO		15.30 RT	Shared Lane Symbol					8.0						8.0					
93+84.75	TO		5.44 RT	Through Arrow					11.5						11.5					
93+84.75	TO		12.83 RT	Right Arrow					15.6						15.6					
94+04.64	TO		17.68 LT	Bike w/ Arrow					11.2						11.2					
94+08.21	TO		Stop Bar	Solid White Line										21.4						21.4
94+14.24	TO	94+20.21	Crosswalk Stripes E-W	Solid White Line										130.0						130.0
94+20.71	TO	94+68.45	Crosswalk Stripes N-S	Solid White Line										110.0						110.0
94+27.79	TO	94+67.37	Crosswalk Bars	Solid White Line	100.8															
94+80.52	TO	94+90.36	Crosswalk Stripes E-W	Solid White Line										120.0						120.0
94+94.33	TO	97+29.34	Centerline LT/RT	Solid Double Yellow			189.2	63.1			945.9					945.9				
94+96.34	TO	101+24.42	Centerline/TWLTL RT @ 40' CNTRS	2-Way Amber		16														
94+96.34	TO	101+24.42	Centerline/TWLTL LT @ 40' CNTRS	2-Way Amber		16														
94+96.34	TO	96+09.33	Lane Line LT	Solid White Line			22.6	7.5			113.0						113.0			
94+96.34	TO	97+29.34	Diagonal @ 40' CNTRS	Solid Yellow Line									81.9					81.9		
94+96.34	TO	98+89.42	Bike Lane Line RT	Solid White Line							395.1						395.1			
94+96.34	TO		Stop Bar	Solid White Line										19.6						19.6
95+20.23	TO		7.91 LT	Left Arrow					15.6						15.6					
95+20.23	TO		15.30 LT	Through Arrow					11.5						11.5					
95+25.96	TO		18.25 LT	Bike w/ Arrow					11.2						11.2					
95+57.99	TO		5.47 LT	Shared Lane Symbol					8.0						8.0					
95+57.99	TO		15.42 LT	Shared Lane Symbol					8.0						8.0					
95+89.74	TO		7.68 LT	Left Arrow					15.6						15.6					
95+89.74	TO		15.07 LT	Through Arrow					11.5						11.5					
96+09.33	TO	97+29.34	Dotted Lane Line LT	Dotted White Line							30.0						30.0			
96+60.74	TO		5.89 LT	Shared Lane Symbol					8.0						8.0					
96+60.74	TO		16.11 LT	Shared Lane Symbol					8.0						8.0					
97+29.34	TO	101+24.42	Bike Lane Line LT	Solid White Line							395.1						395.1			
97+29.34	TO	98+89.42	TWLTL Solid LT	Solid Yellow Line			32.0	10.7			160.1				160.1					
97+29.34	TO	98+89.42	TWLTL Dash LT	Skip-Dash Yellow			8.0	2.7			40.0				40.0					
97+29.34	TO	98+89.42	TWLTL Solid RT	Solid Yellow Line			32.0	10.7			160.1				160.1					
97+29.34	TO	98+89.42	TWLTL Solid RT	Skip-Dash Yellow			8.0	2.7			40.0				40.0					
97+89.42	TO	101+24.42	Diagonal @ 40' CNTRS	Solid Yellow Line									85.4					85.4		
98+11.87	TO		CTR	Left Arrow					15.6						15.6					
98+31.90	TO		CTR	Left Arrow					15.6						15.6					
98+89.42	TO	100+09.42	Dotted Lane Line RT	Dotted White Line							30.0						30.0			
98+89.42	TO	101+24.11	Centerline LT/RT	Solid Double Yellow			188.9	63.0			944.7					944.7				
99+78.46	TO		5.32 RT	Shared Lane Symbol					8.0						8.0					
99+78.46	TO		15.50 RT	Shared Lane Symbol					8.0						8.0					
100+09.42	TO	101+27.32	Lane Line RT	Solid White Line			23.6	7.9			117.9						117.9			
100+13.59	TO		7.73 RT	Left Arrow					15.6						15.6					
100+13.59	TO		15.07 RT	Through Arrow					11.5						11.5					
100+62.54	TO		5.56 RT	Shared Lane Symbol					8.0						8.0					
100+62.54	TO		15.75 RT	Shared Lane Symbol					8.0						8.0					
101+02.78	TO		8.01 RT	Left Arrow					15.6						15.6					
101+02.72	TO		15.35 RT	Through Arrow					11.5						11.5					
101+21.44	TO		17.69 LT	Bike w/ Arrow					11.2						11.2					
101+24.42	TO		Stop Bar	Solid White Line										10.0						10.0
101+27.32	TO		Stop Bar	Solid White Line										10.0						10.0
101+30.10	TO	101+37.07	Crosswalk Stripes E-W	Solid White Line										70.0						70.0
101+52.60	TO	101+80.56	Crosswalk N-S	Solid White Line	30.3															
101+53.42	TO	101+80.56	Crosswalk N-S	Solid White Line	29.2															
101+56.94	TO		Stop Bar	Solid White Line	25.8															



TWM, INC.
WWW.TWM-INC.COM
IL DESIGN FIRM
LICENSE NO:
184-001220

USER NAME = efisher
DESIGNED -
DRAWN -
PLOT SCALE = 100,0000 ' / in.
PLOT DATE = 2/3/2025

DESIGNED -
DRAWN -
CHECKED -
DATE -

REVISED -
REVISED -
REVISED -
REVISED -



CITY OF CARBONDALE

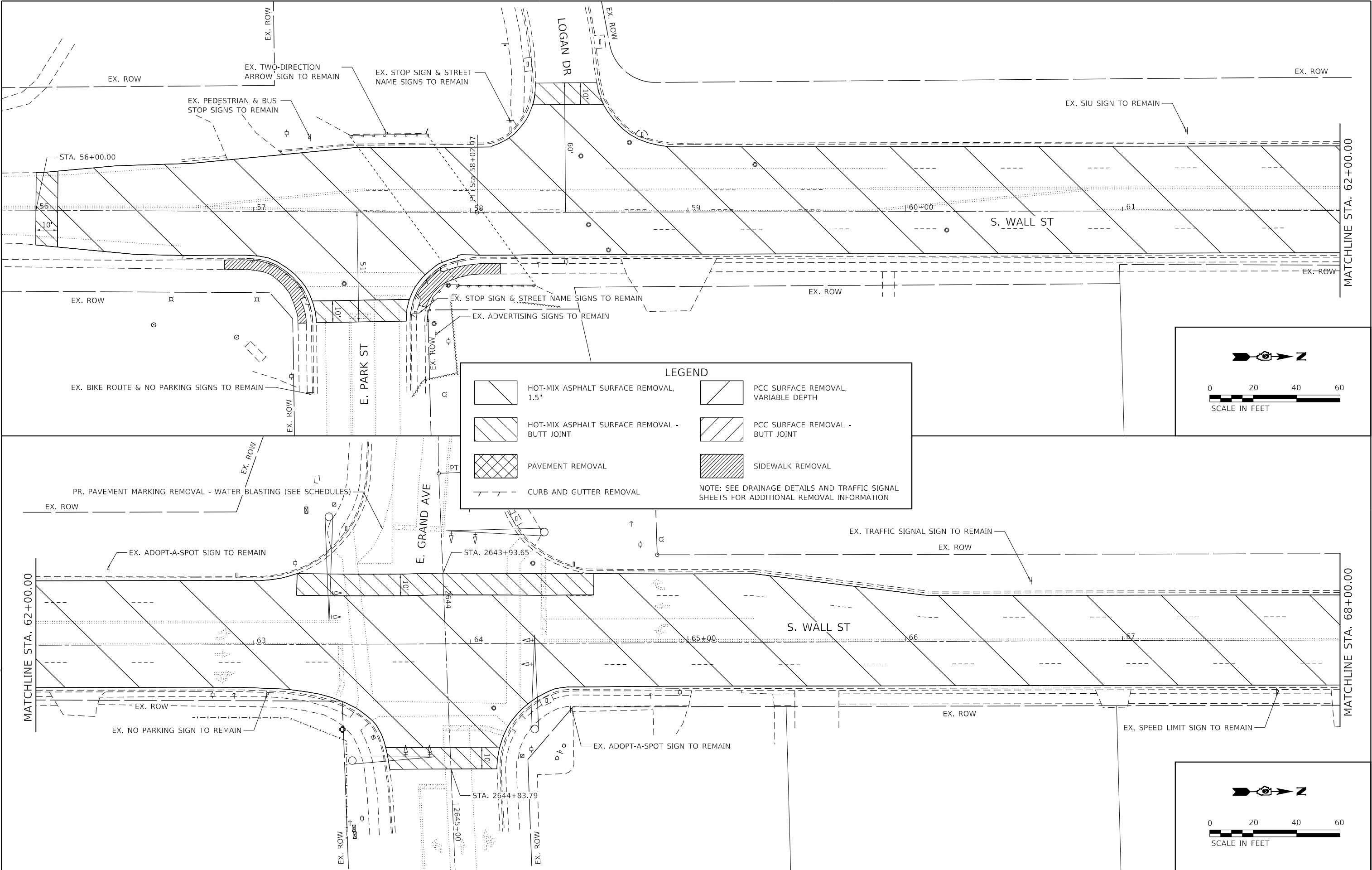
SCHEDULE OF QUANTITIES

SCALE: SHEET 7 OF 8 SHEETS STA. TO STA.

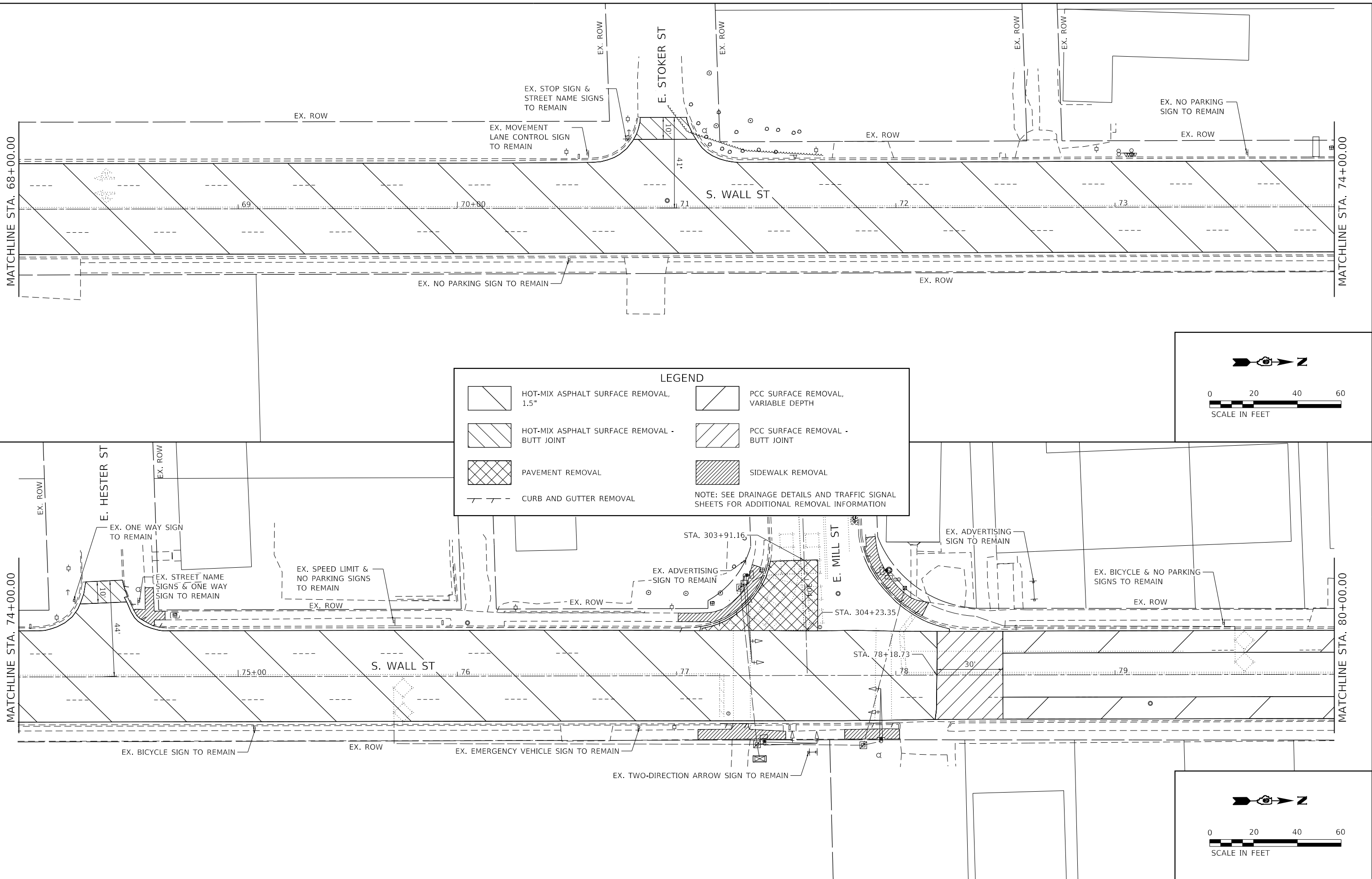
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9724	23-00160-00-RS	JACKSON	57	16
CONTRACT NO. 99727				
		ILLINOIS	FED. AID PROJECT	

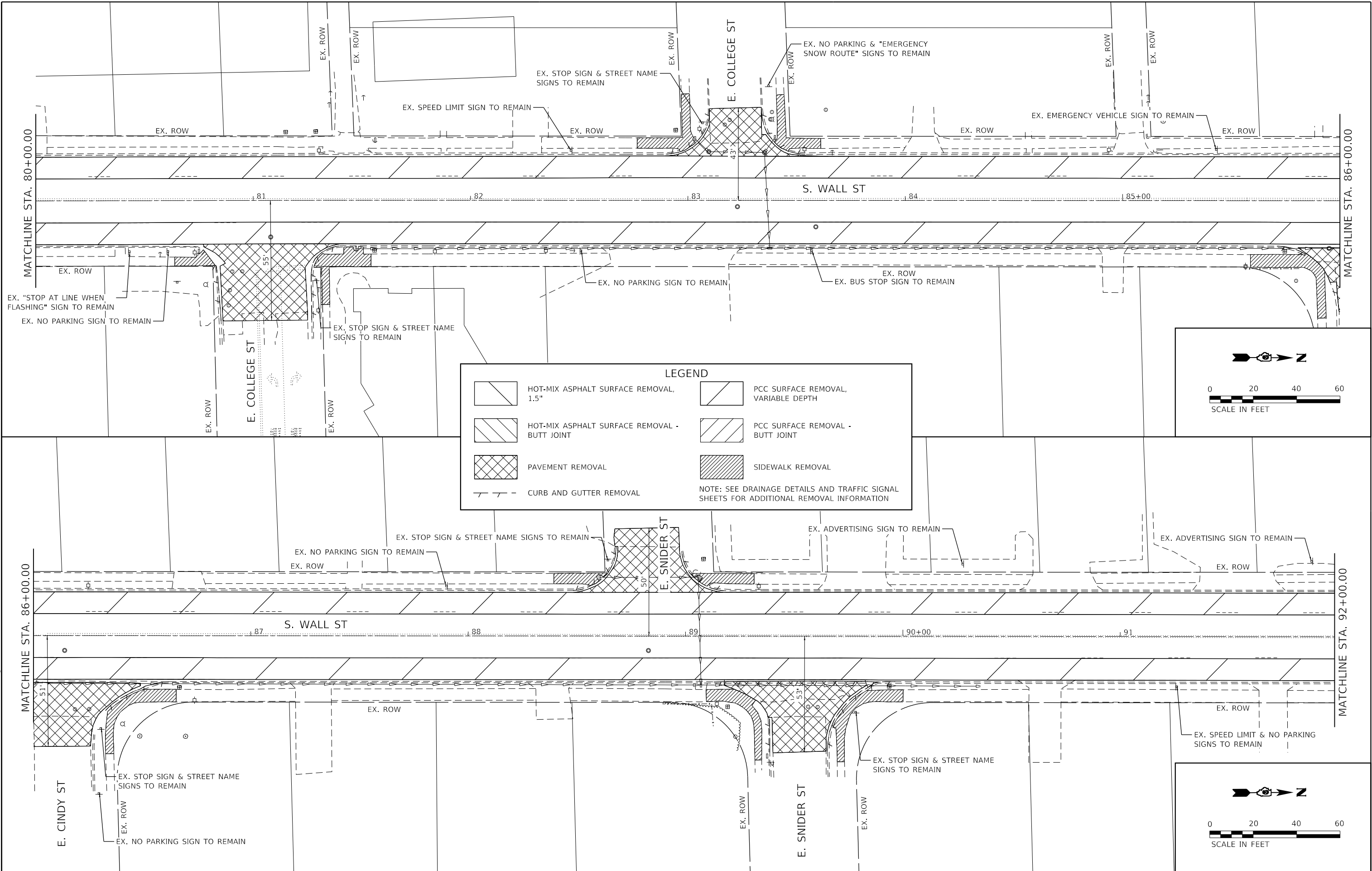
PAVEMENT MARKING SCHEDULE

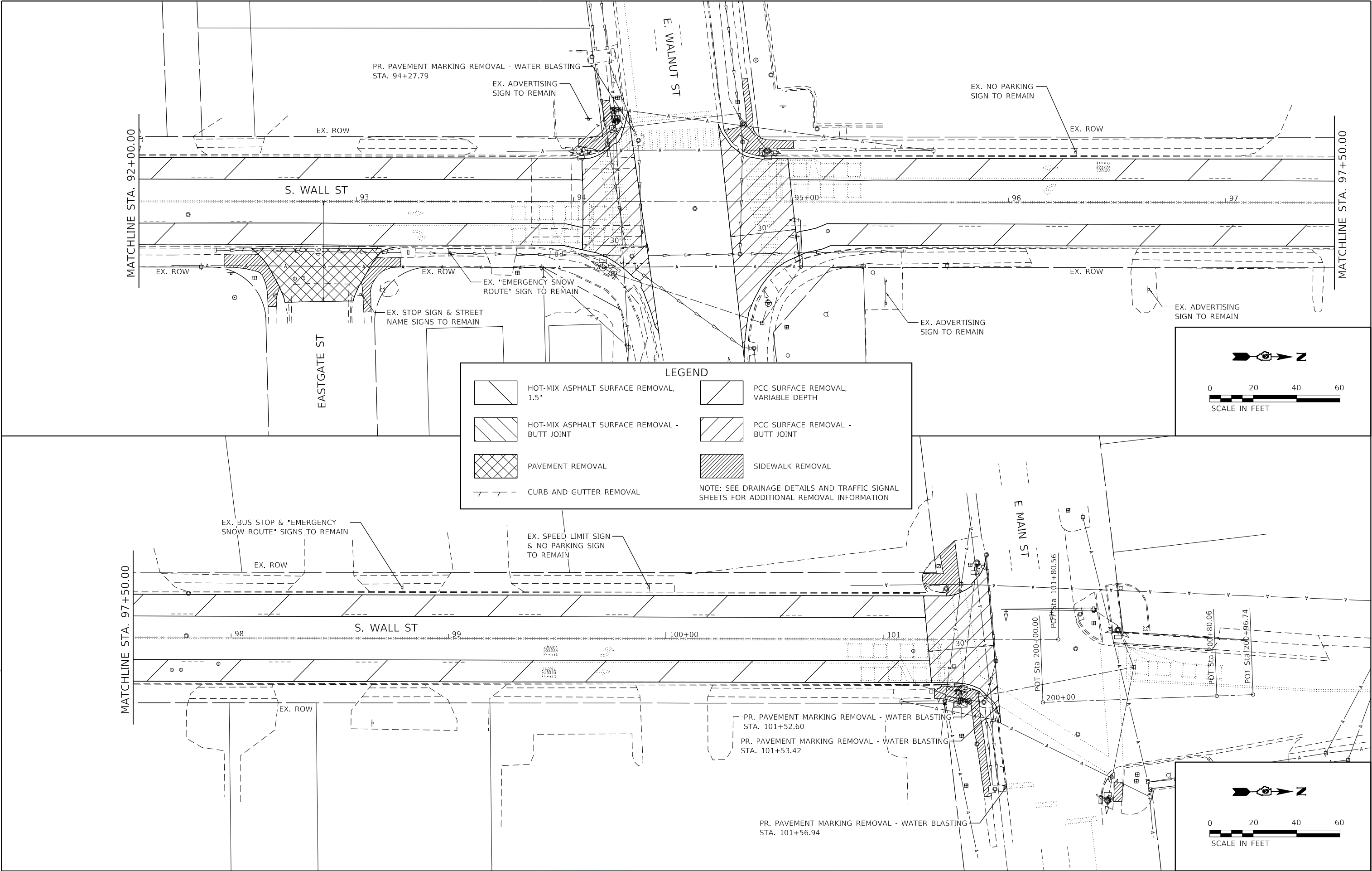
LOCATION					PAVEMENT MARKING REMOVAL - WATER BLASTING	RAISED REFLECTIVE PAVEMENT MARKER	SHORT TERM PAVEMENT MARKING	SHORT TERM PAVEMENT MARKING REMOVAL	TEMPORARY PAVEMENT MARKING - PAINT						THERMOPLASTIC PAVEMENT MARKING							
									LETTERS AND SYMBOLS	LINE 4"	LINE 6"	LINE 12"		LINE 24"	LETTERS AND SYMBOLS	LINE 4"	LINE 6"	LINE 12"		LINE 24"		
										YELLOW	WHITE	WHITE	YELLOW	WHITE		YELLOW	WHITE	WHITE	YELLOW	WHITE		
STATION	TO	STATION	LOCATION	TYPE	SQ FT	EACH	FOOT	SQ FT	SQ FT	FOOT	FOOT	FOOT	FOOT	FOOT	SQ FT	FOOT	FOOT	FOOT	FOOT	FOOT		
WALL ST																						
101+59.33	TO		Stop Bar RT	Solid White Line										11.1						11.1		
101+59.49	TO	101+80.56	Crosswalk Stripes N-S	Solid White Line										70.0						70.0		
Grand Ave																						
2643+54.57	TO	2643+88.19	Slip Lane Triangle	Solid White Line	43.6																	
2643+54.57	TO	2643+69.03	Lane Line RT	Solid White Line			2.9	1.0			14.6						14.6					
2643+71.21	TO	2643+76.78	Centerline	Solid Double Yellow	3.7																	
2643+71.21	TO		Stop Bar	Solid White Line										39.2						39.2		
2643+71.53	TO	2643+92.22	Crosswalk E-W	Solid White Line	20.8																	
2643+73.41			Stop Bar	Solid White Line	45.6																	
2643+78.65	TO	2643+95.03	Crosswalk E-W	Solid White Line	9.5																	
2643+81.38	TO	2643+91.95	Crosswalk E-W	Solid White Line	12.0																	
2643+84.49	TO	2643+95.27	Crosswalk E-W	Solid White Line	6.7																	
2643+89.56	TO	2643+95.71	Stop Bar	Solid White Line	6.1																	
2644+69.24	TO		Stop Bar	Solid White Line										26.4						26.4		
2644+69.24	TO	2644+83.70	Lane Line RT	Solid White Line			2.9	1.0			14.5						14.5					
2644+69.24	TO	2644+83.70	Lane Line LT	Solid White Line			2.9	1.0			14.4						14.4					
Mill St																						
300+03.59	TO		15.71 LT	Bike w/ Arrow					11.2						11.2							
301+04.98	TO	303+99.82	Centerline	Solid Double Yellow	196.7																	
301+04.98	TO	303+98.89	Centerline	Solid Double Yellow			117.5	39.2		587.3						587.3						
301+04.98	TO	303+98.86	Centerline @ 40' CNTRS	2-Way Amber		7																
301+05.11	TO	301+23.13	Bike Lane Line RT	Solid White Line	8.9																	
301+05.11	TO	302+25.01	Dotted Bike Lane Line	Dotted White Line							30.1						30.1					
301+05.11	TO	302+25.01	Dotted Bike Lane Line	Dotted White Line							30.1						30.1					
301+67.24	TO	303+87.63	Bike Lane Line LT	Solid White Line	110.2																	
302+01.72	TO	303+91.16	Lane Line RT	Solid White Line	94.4																	
302+03.64	TO		2.47 LT	ONLY	11.8																	
302+04.08	TO		9.94 RT	ONLY	11.8																	
302+25.01	TO	303+88.42	Bike Lane Line	Solid White Line							163.4						163.4					
302+25.01	TO	303+98.89	Bike Lane Line	Solid White Line							173.4						173.4					
302+26.24	TO		2.53 RT	Bike w/ Arrow					11.2						11.2							
302+30.98	TO		1.09 LT	Left Arrow	15.6																	
302+31.27	TO		7.59 RT	Right Arrow	15.6																	
302+45.02	TO		10.57 RT	Shared Lane Symbol					8.0						8.0							
303+50.33	TO		3.79 LT	Left Arrow	15.6																	
303+50.82	TO		7.11 RT	Right Arrow	15.6																	
302+52.86	TO		19.15 LT	Shared Lane Symbol					8.0						8.0							
303+75.88	TO		23.40 LT	Bike w/ Arrow	11.2																	
302+76.97	TO		7.70 RT	Right Arrow					15.6						15.6							
302+76.97	TO		4.10 LT	Left Arrow					15.6						15.6							
303+49.12	TO		6.86 RT	Right Arrow					15.6						15.6							
303+49.12	TO		5.07 LT	Left Arrow					15.6						15.6							
303+67.85	TO		8.81 RT	Shared Lane Symbol					8.0						8.0							
303+70.60	TO		1.06 RT	Bike w/ Arrow					11.2						11.2							
303+77.02	TO		19.53 LT	Shared Lane Symbol					8.0						8.0							
303+88.42	TO		Stop Bar	Solid White Line										11.0						11.0		
303+90.49	TO		7.46 LT	Bike w/ Arrow					4.7						4.7							
303+98.89	TO		Stop Bar	Solid White Line										31.9						31.9		
Wall St (North)																						
200+29.38	TO		Crosswalk	Solid White Line								6.9						6.9				
					TOTAL:	842	205	2648	883	1131	12597	9411	1812	381	952	1131	12597	9411	1812	381	952	
													2193							2193		



MODEL: Default
FILE NAME: 23-00160-00-10792A-7 TranCADD Streets210792A-RS-htc-removal02.dgn







HOT-MIX ASPHALT SURFACE REMOVAL,
1.5"

HOT-MIX ASPHALT SURFACE REMOVAL -
BUTT JOINT

PAVEMENT REMOVAL

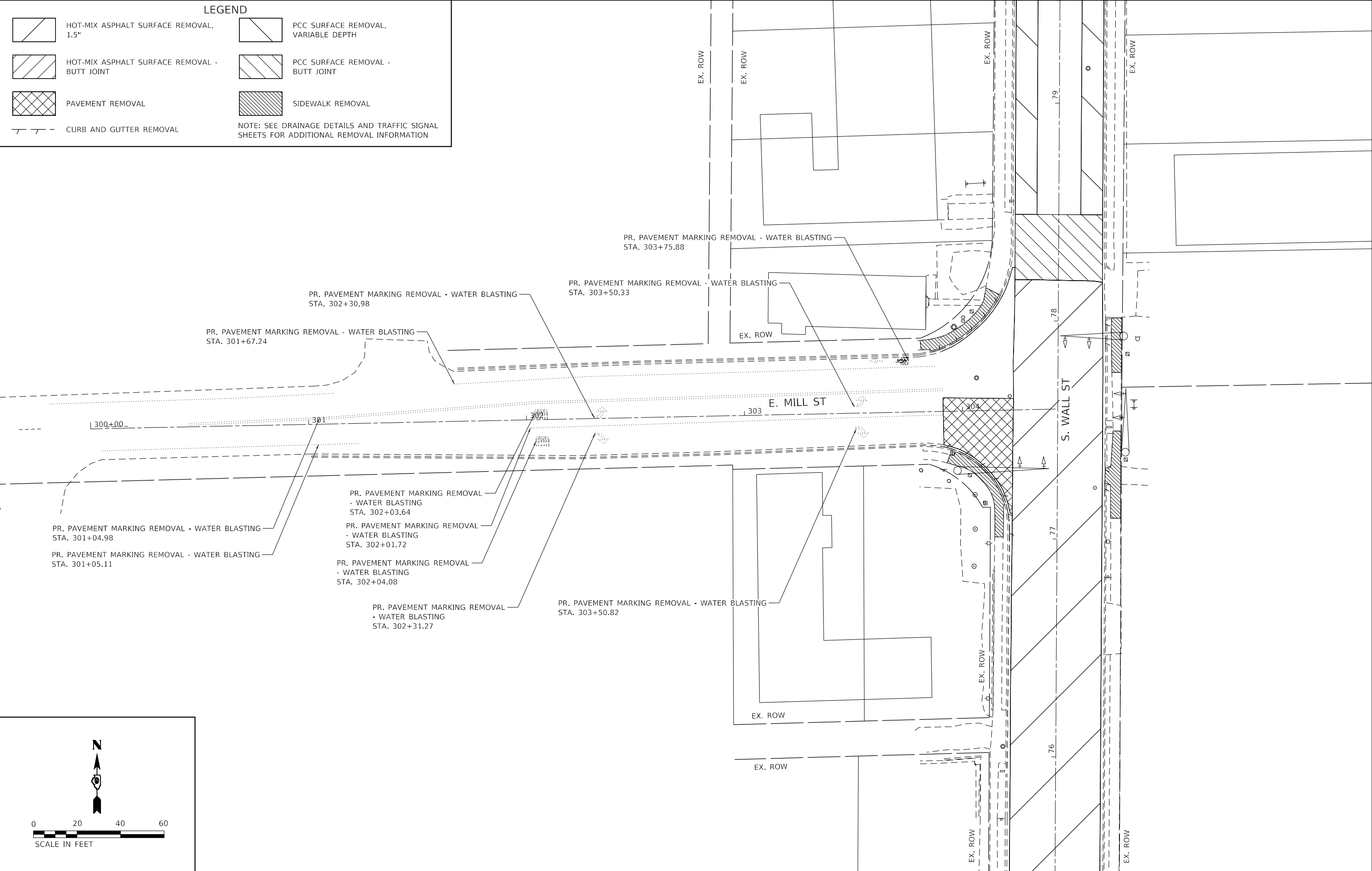
CURB AND GUTTER REMOVAL

PCC SURFACE REMOVAL,
VARIABLE DEPTH

PCC SURFACE REMOVAL -
BUTT JOINT

SIDEWALK REMOVAL

NOTE: SEE DRAINAGE DETAILS AND TRAFFIC SIGNAL
SHEETS FOR ADDITIONAL REMOVAL INFORMATION



0204060

SCALE IN FEET

MODEL: Default
FILE NAME: I:\2021\210722\A4 CADD - DWG\A4.7 TranCADD Sheets\210722A-ehc-removal05.dgn

TWM, INC.
WWW.TWM-INC.COM

IL DESIGN FIRM
LICENSE NO:
184-001220

USER NAME	= jstein
DESIGNED	-
DRAWN	-
CHECKED	-
DATE	-
PLOT SCALE	= 40,0000 ' / in.
PLOT DATE	= 2/1/2025

REVISED	-
REVISED	-
REVISED	-
REVISED	-

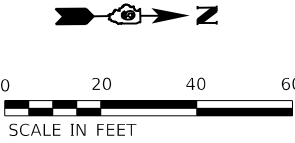
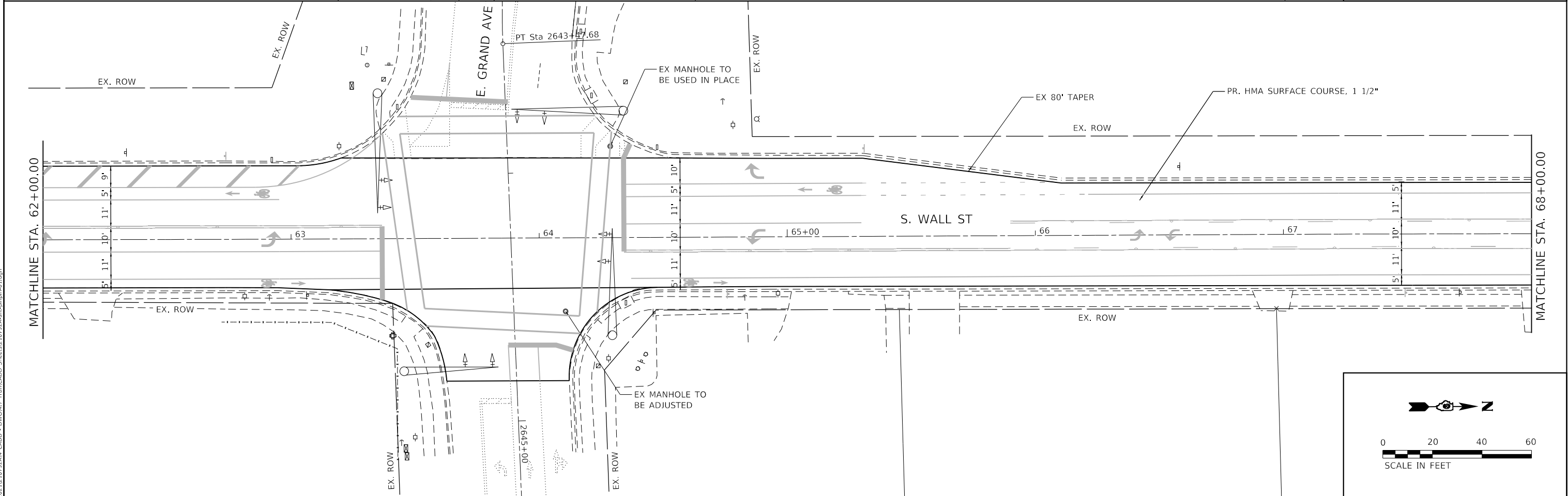
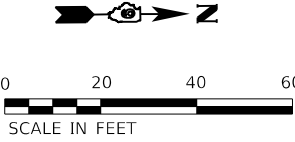
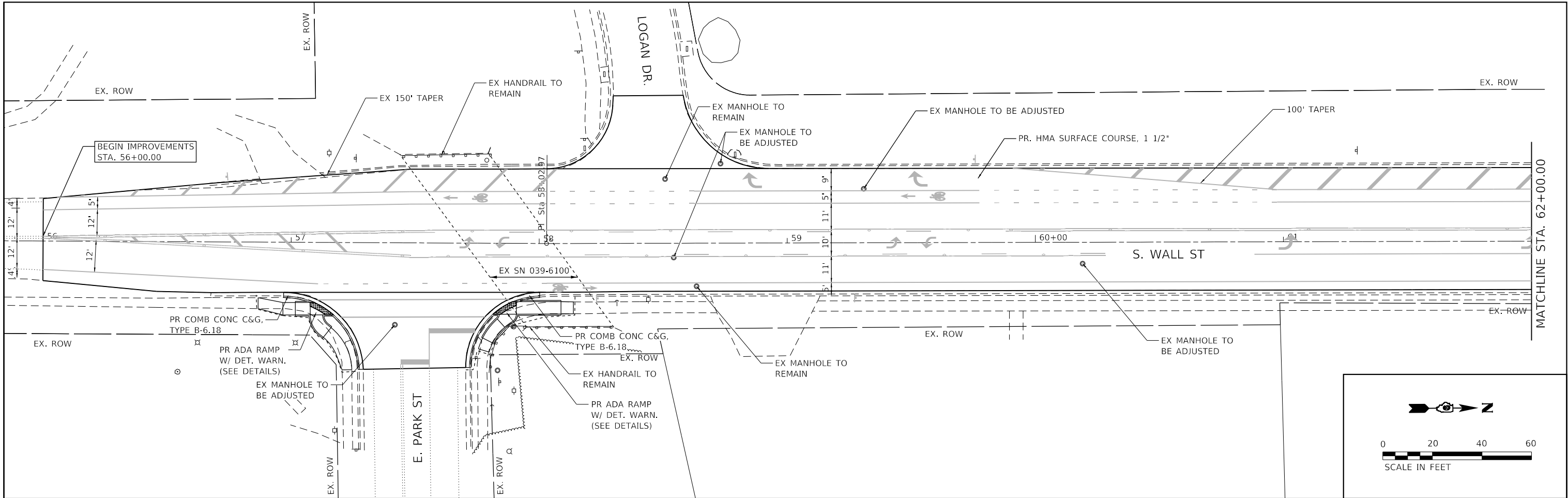


CITY OF CARBONDALE

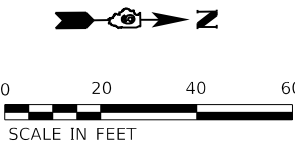
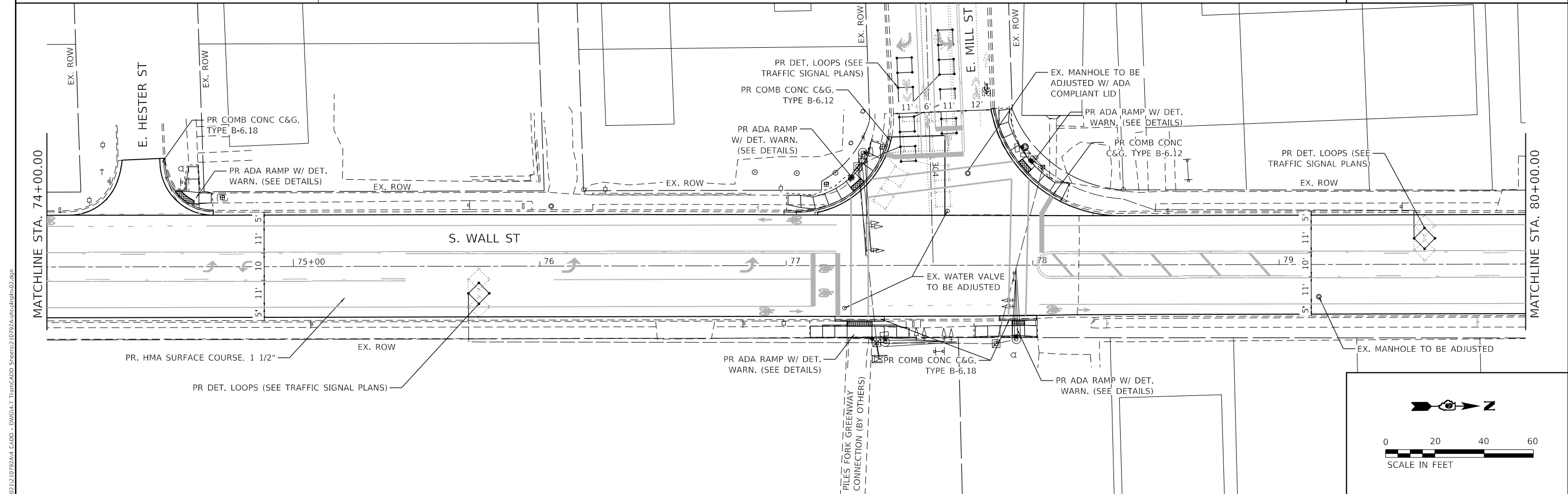
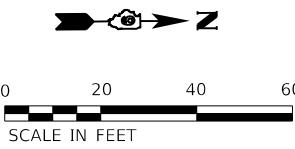
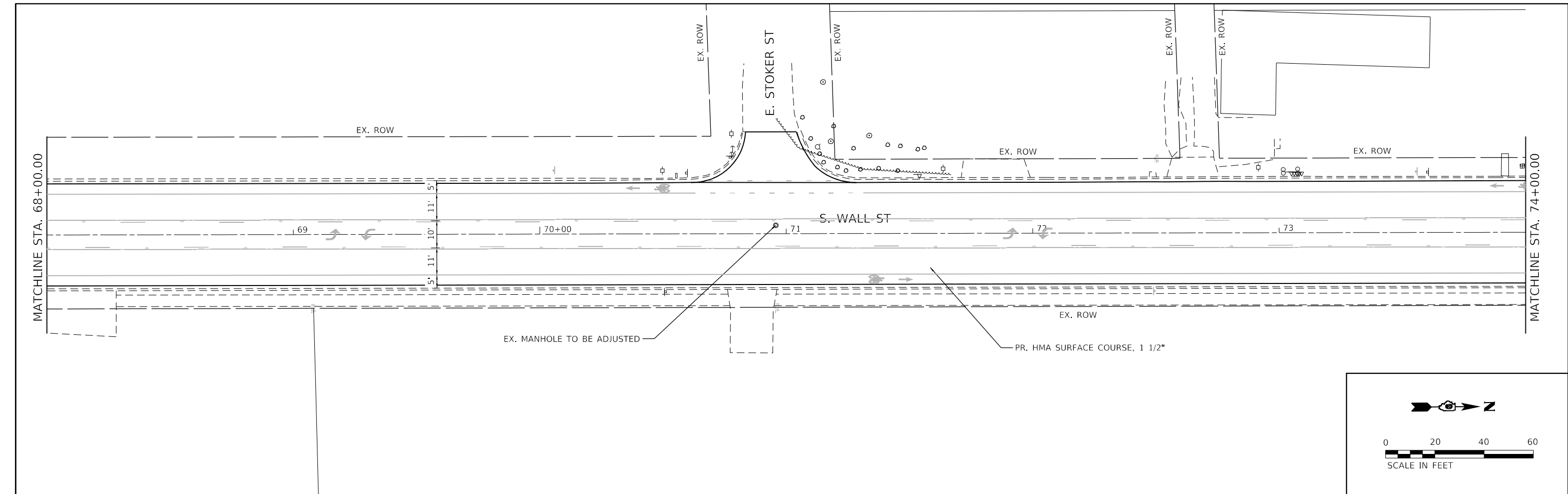
REMOVAL PLAN
E MILL STREET

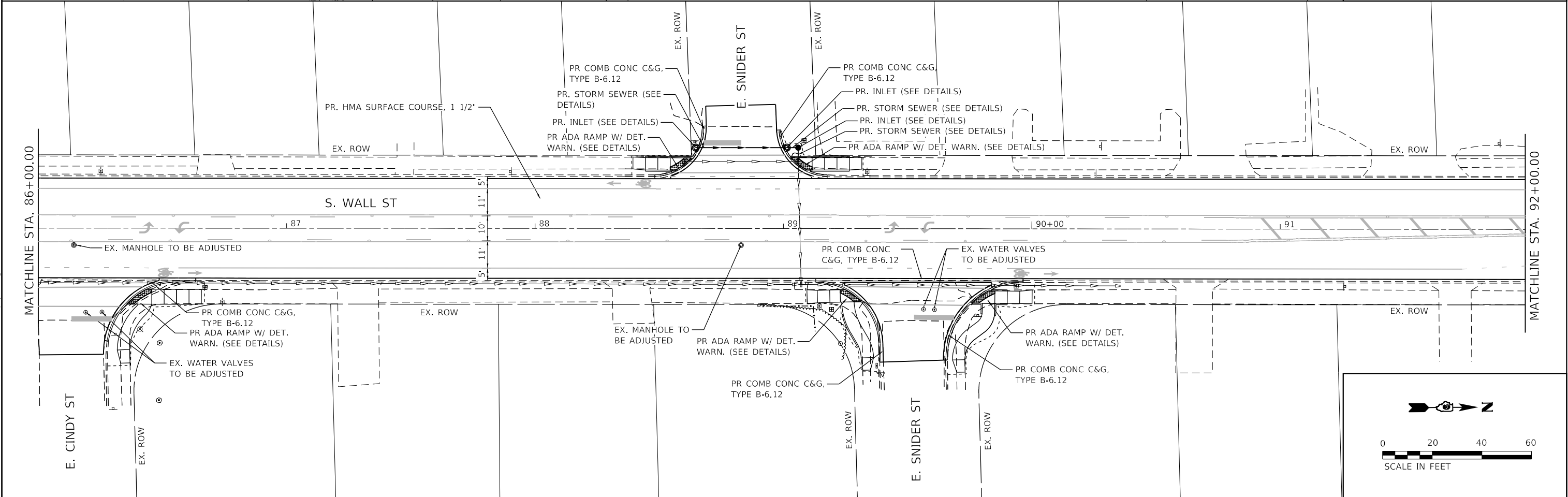
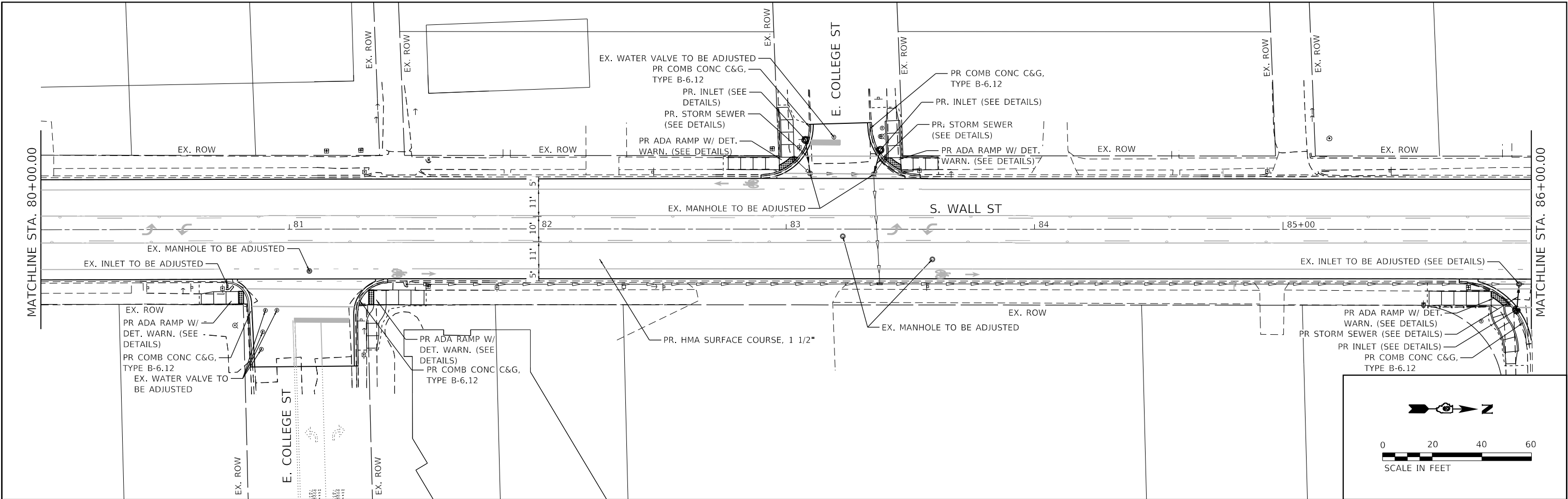
SCALE: 1"=20' SHEET 1 OF 1 SHEETS STA. 300+00.00 TO STA. 303+99.06

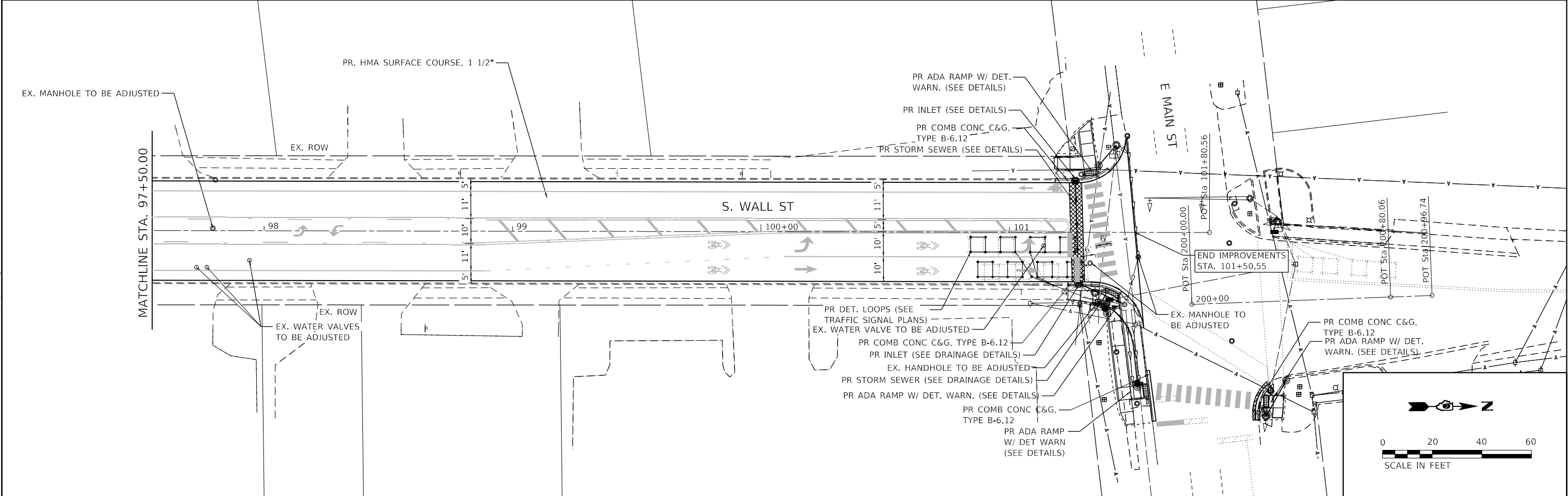
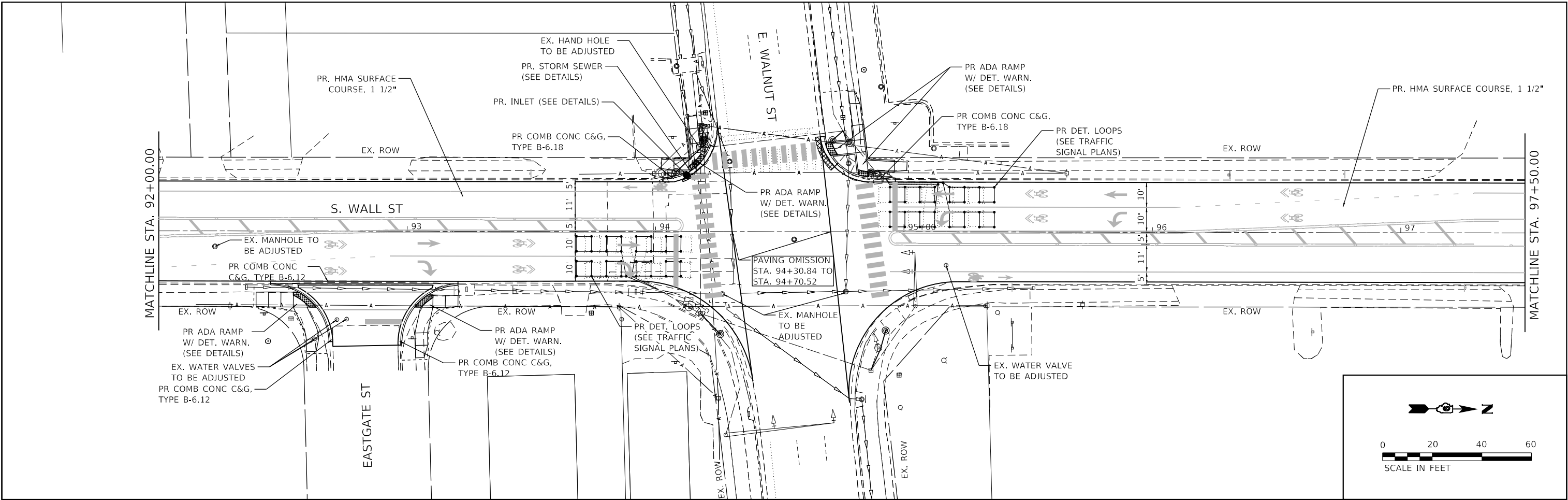
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9724	23-00160-00-RS	JACKSON	57	22
CONTRACT NO. 99727				
ILLINOIS FED. AID PROJECT				

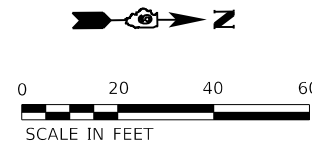
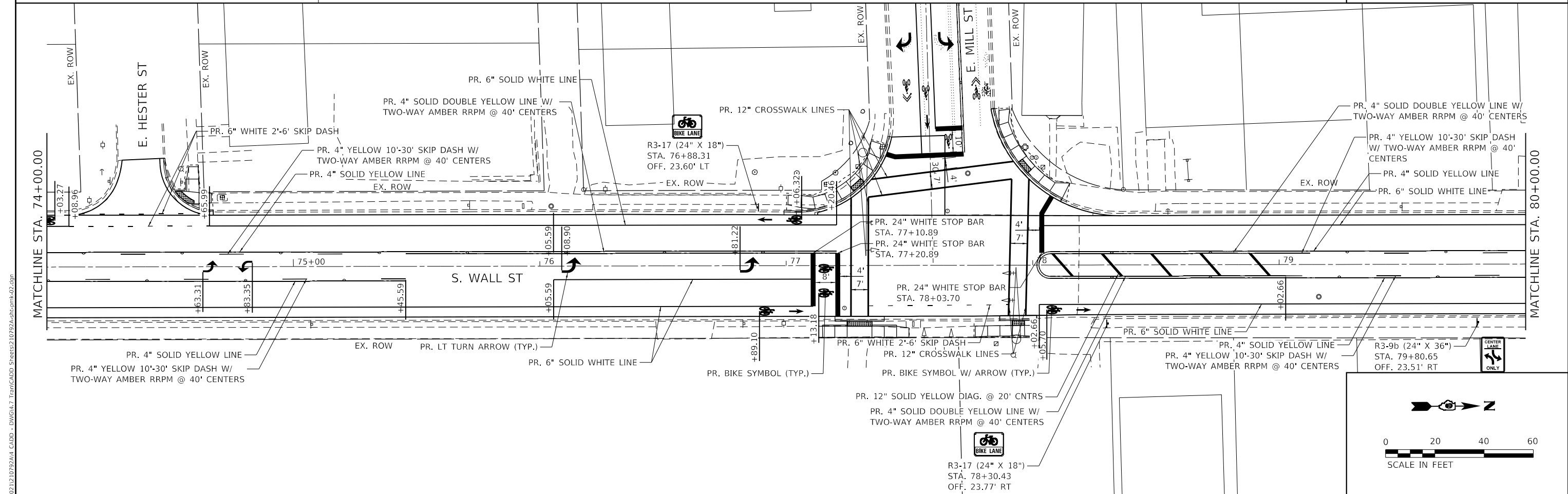
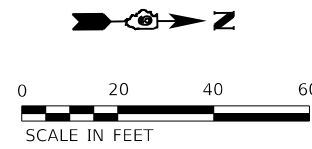
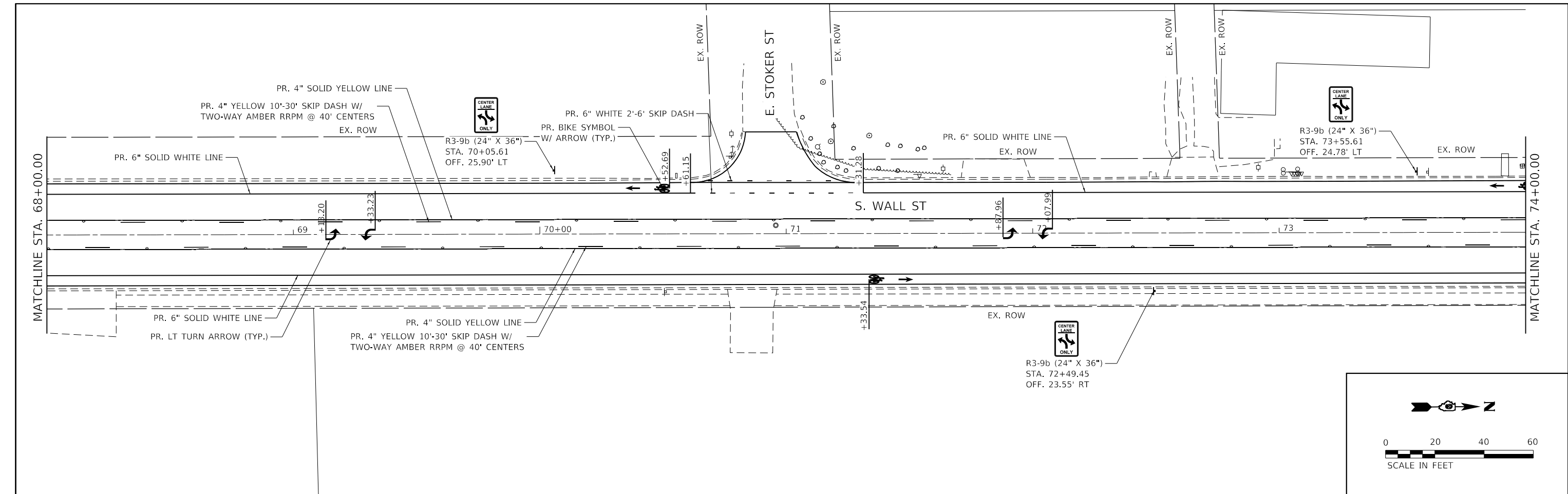


TWM ENGINEERING GEOSPATIAL SERVICES TWM, INC. WWW.TWM-INC.COM IL DESIGN FIRM LICENSE NO: 184-001220	USER NAME = jstein	DESIGNED -	REVISED -	CARBONDALE Alt Ways Open	CITY OF CARBONDALE	WALL STREET PLAN						F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.				
	PLOT SCALE = 40,0000 ' / in.	DRAWN -	REVISED -			9724	23-00160-00-RS	JACKSON	57	23										
	PLOT DATE = 2/1/2025	CHECKED -	REVISED -			CONTRACT NO. 99727														
		DATE -	REVISED -			ILLINOIS FED. AID PROJECT														
	SCALE: 1"=20'											SHEET 1		OF 4		SHEETS		STA. 56+00.00		TO STA. 68+00.00

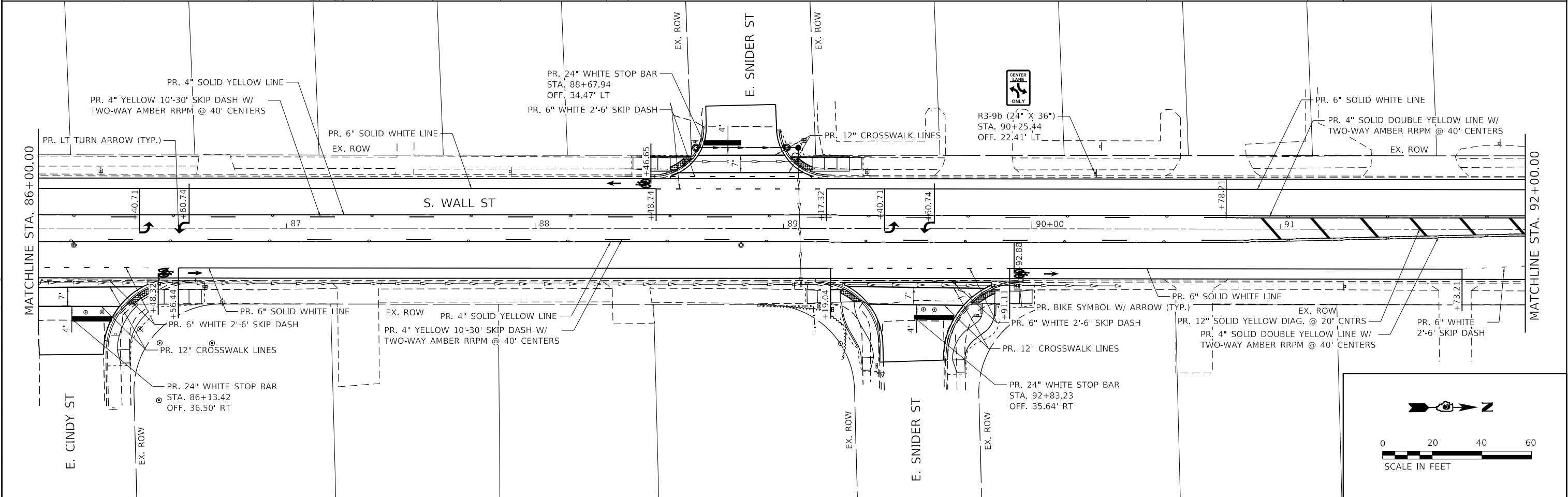
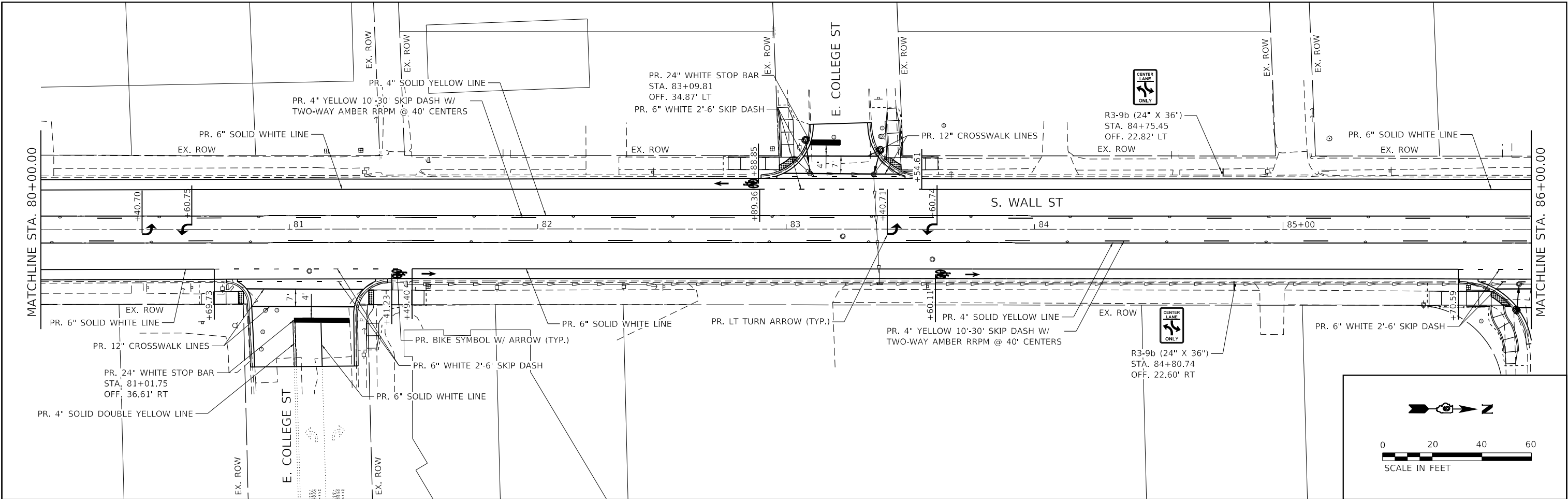






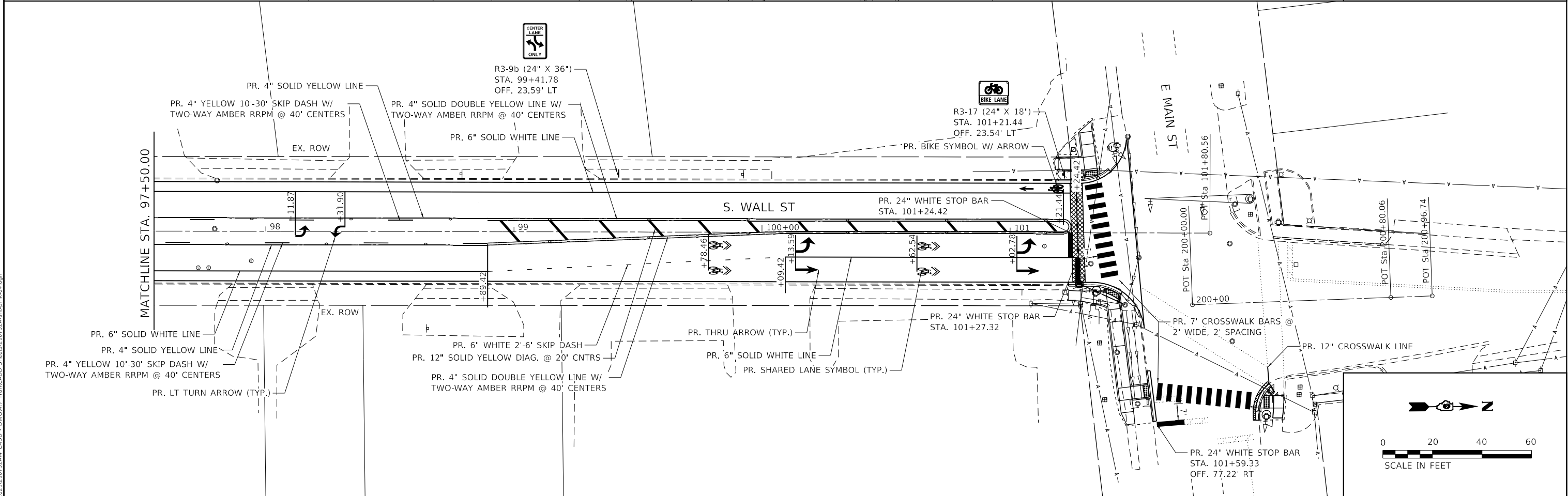
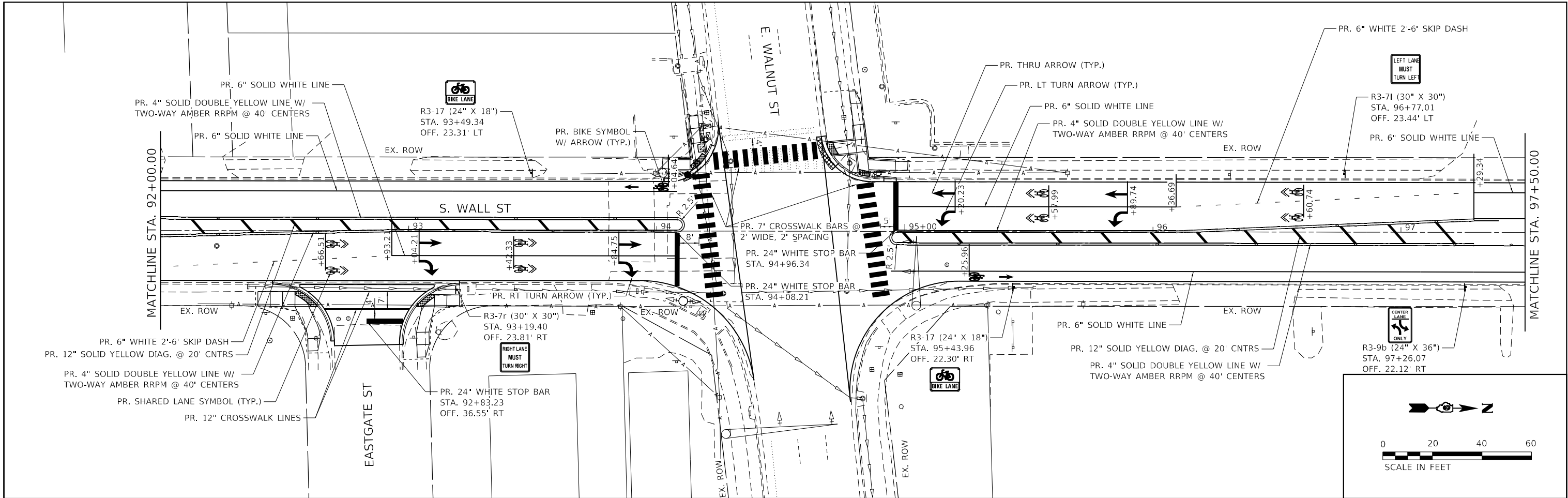


MODEL: Default
FILE NAME: 12/2021/12/07/2024/4 CADDD - DWG/4.7 Tran/CADD Streets/2/07/2024-rh-cs-gm-k402.dgn



MODEL: Dwg.plt
FILE NAME: 13-00110792A4 CADD - DWG14.7 TranCADD Streets10792A-RB-00mk-03.dgn

	TWM, INC. WWW.TWM-INC.COM IL DESIGN FIRM LICENSE NO: 184-001220	USER NAME = jstein	DESIGNED -	REVISED -		CITY OF CARBONDALE	PAVEMENT MARKING AND SIGNAGE PLAN WALL STREET					F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		PLOT SCALE = 40,0000 ' / in.	DRAWN -	REVISED -								9724	23-00160-00-R5	JACKSON	57	29
		PLOT DATE = 2/1/2025	CHECKED -	REVISED -								CONTRACT NO. 99727				
			DATE -	REVISED -								ILLINOIS FED. AID PROJECT				
												SCALE: 1"=20'	SHEET 3	OF 5	SHEETS	STA. 80+00.00



S WALL ST

STORM SEWER CL A, —
TYPE 1, 12"
10.3' @ 1.00%

MATCH EXISTING

0 4 8 12

SCALE IN FEET



USER NAME	= jstein
PLOT SCALE	= 8.0000 ' /
PLOT DATE	= 2/1/2025

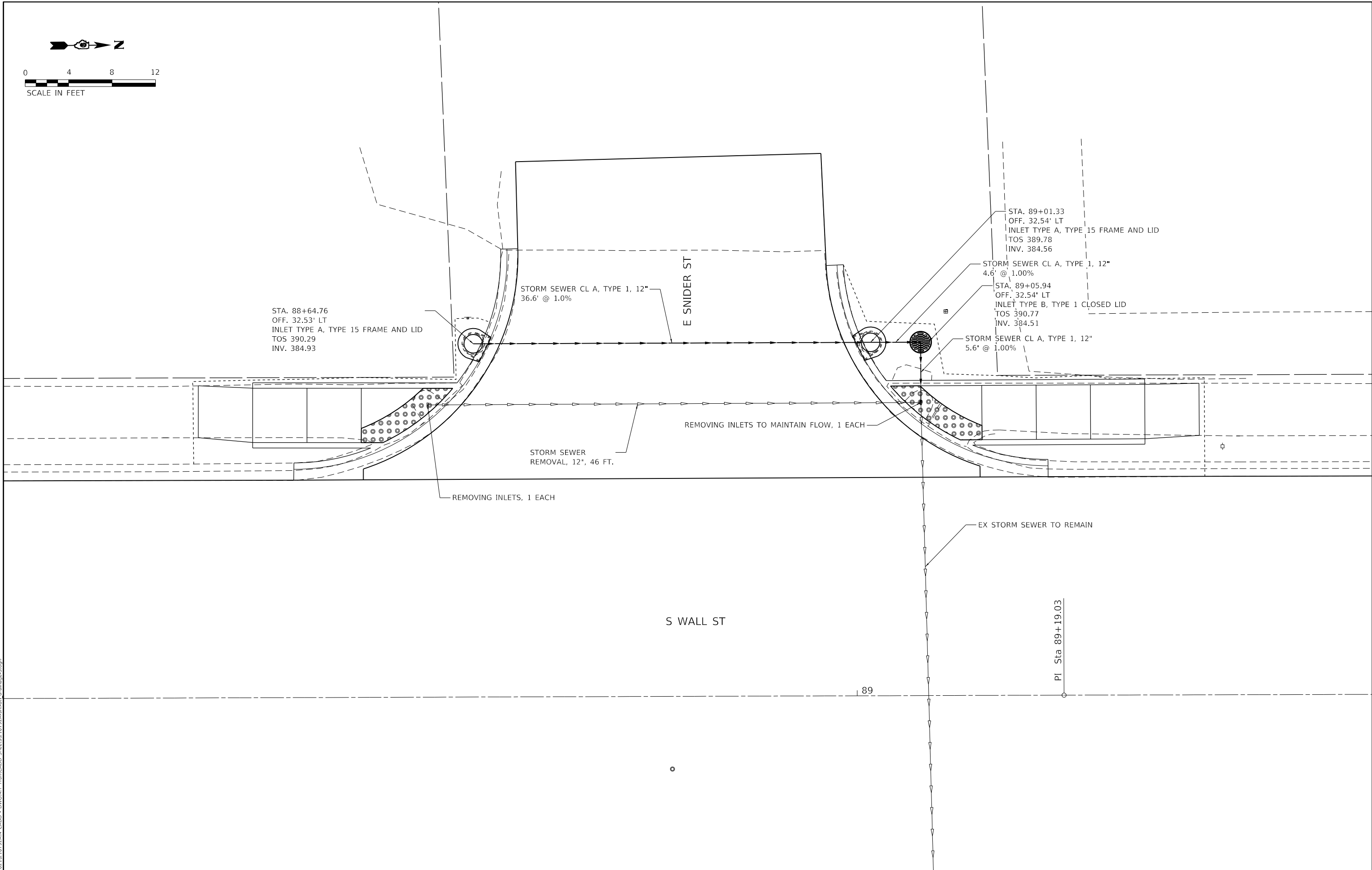
USER NAME	= jstein
PLOT SCALE	= 8.0000 ' /
PLOT DATE	= 2/1/2025

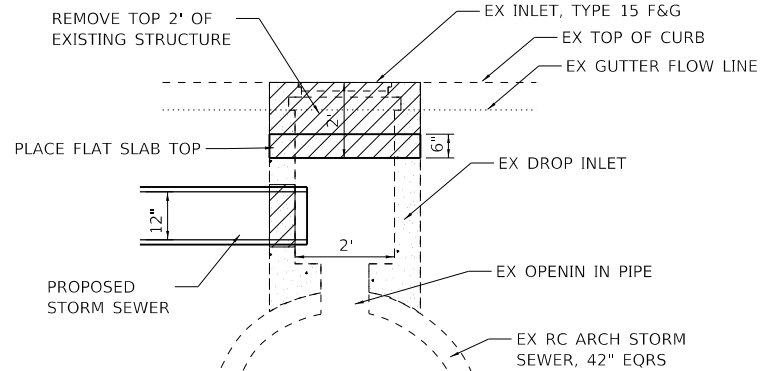
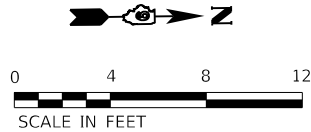
USER NAME	= jstein
PLOT SCALE	= 8.0000 ' /
PLOT DATE	= 2/1/2025



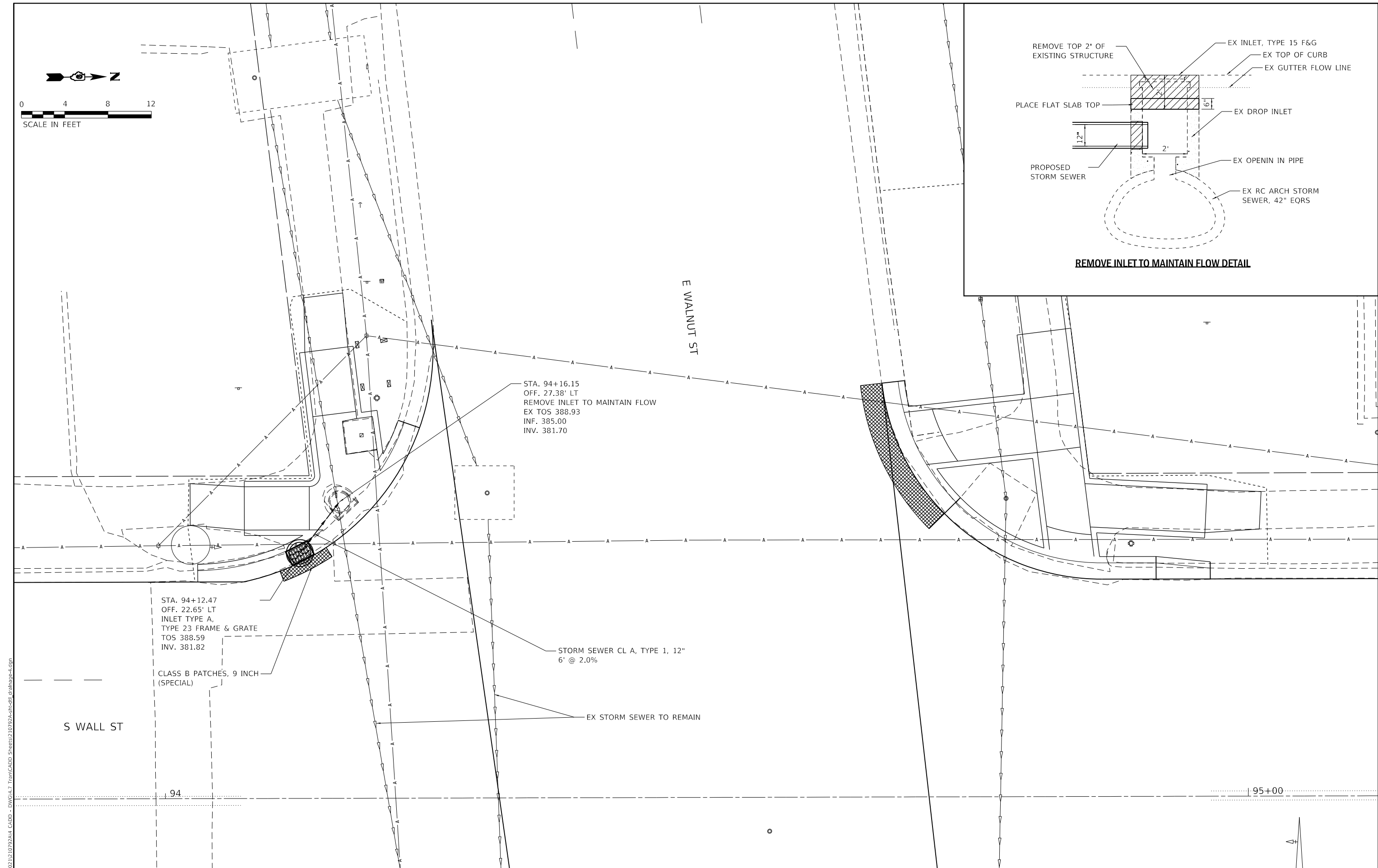
SCALE: 1" = 4'	SHEET 2	OF 5	SHEETS	STA.	TO STA.
----------------	---------	------	--------	------	---------

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9724	23-00160-00-R5	JACKSON	57	33
		CONTRACT NO. 99727		
ILLINOIS		FED. AID PROJECT		





REMOVE INLET TO MAINTAIN FLOW DETAIL



STA. 94+16.15
OFF. 27.38' LT
REMOVE INLET TO MAINTAIN FLOW
EX TOS 388.93
INF. 385.00
INV. 381.70

STA. 94+12.47
OFF. 22.65' LT
INLET TYPE A,
TYPE 23 FRAME & GRATE
TOS 388.59
INV. 381.82

STORM SEWER CL A, TYPE 1, 12"
6' @ 2.0%

EX STORM SEWER TO REMAIN

S WALL ST

MODEL: Default
FILE: 2023-01-10-10792A4_CADD - DWG.dwg
TRANSCADD: Sheets10792A4-shd.dwg
DRAINAGE-4.dgn

TWM, INC.
www.twm-inc.com
IL DESIGN FIRM
LICENSE NO: 184-001220

USER NAME	= jstein	DESIGNED	-	REVISED	-
		DRAWN	-	REVISED	-
PLOT SCALE	= 8,0000 ' / in.	CHECKED	-	REVISED	-
PLOT DATE	= 2/1/2025	DATE	-	REVISED	-

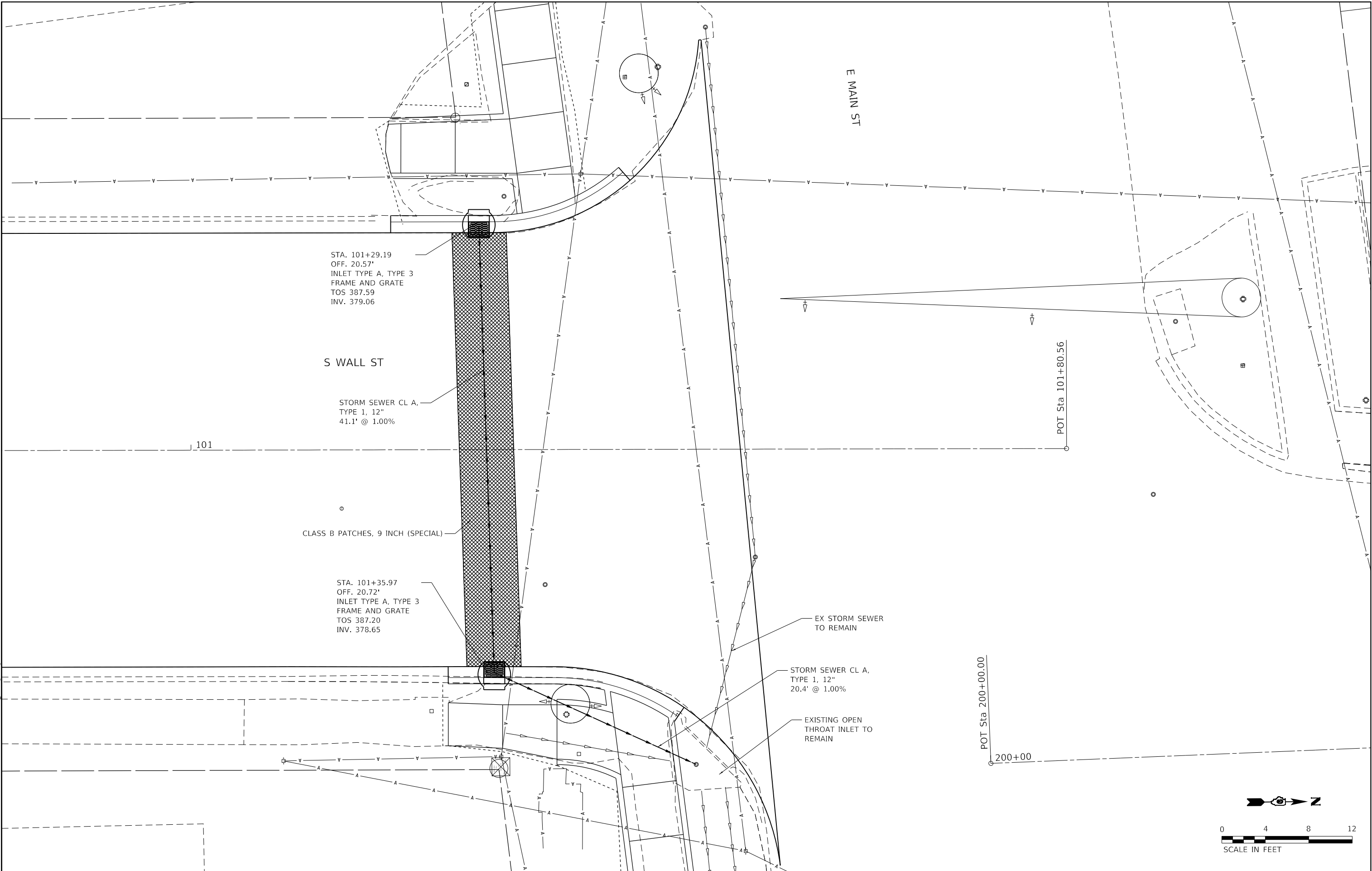


CITY OF CARBONDALE

DRAINAGE DETAIL
E WALNUT ST

SCALE: 1" = 4' SHEET 3 OF 3 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9724	23-00160-00-RS	JACKSON	57	35
CONTRACT NO. 99727				
ILLINOIS FED. AID PROJECT				

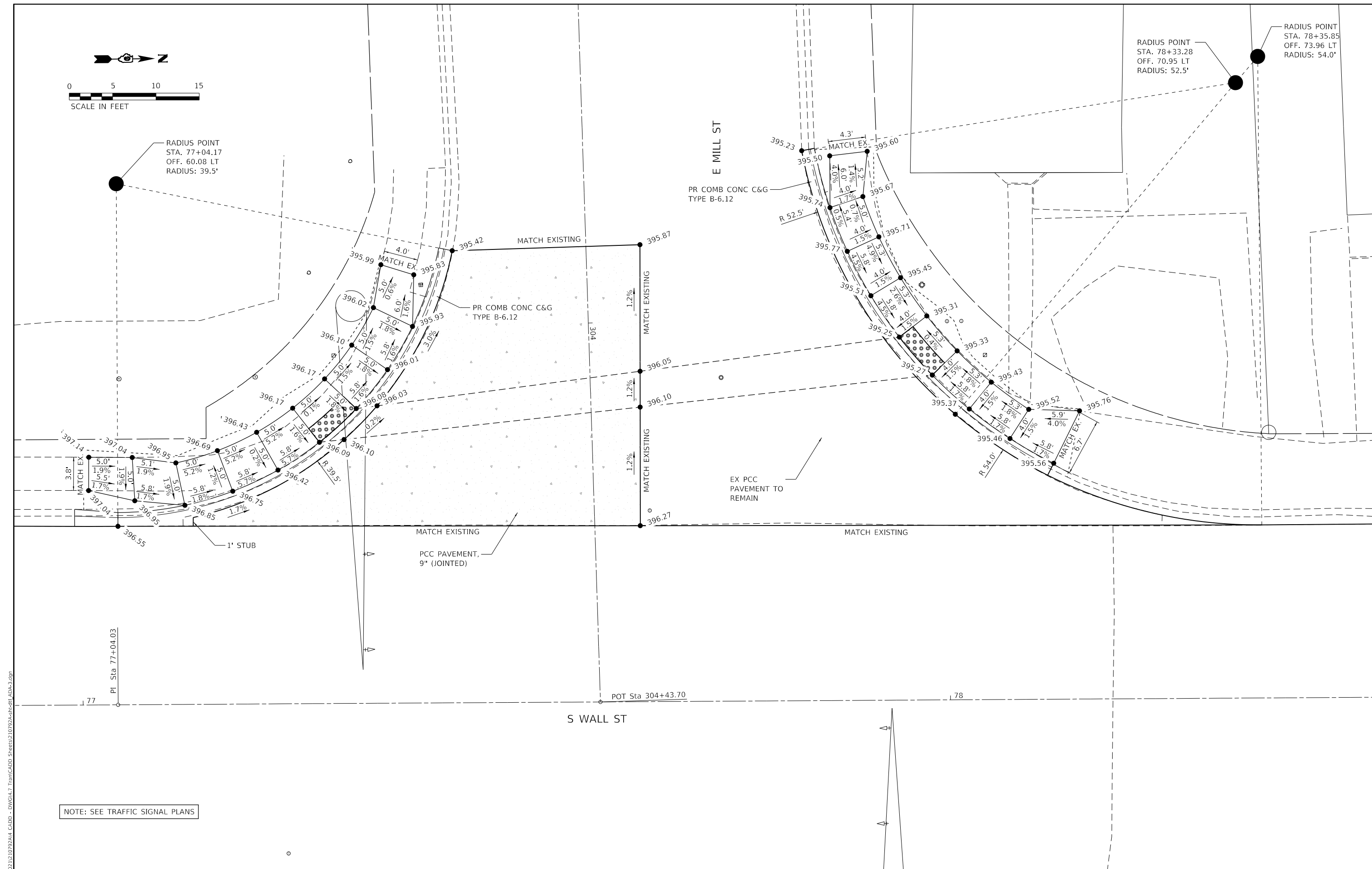




— RADIUS POINT
STA. 77+04.17
OFF. 60.08 LT
RADIUS: 39.5'

RADIUS POINT
STA. 78+33.28
OFF. 70.95 LT
RADIUS: 52.5'

— RADIUS POINT
STA. 78+35.85
OFF. 73.96 LT
RADIUS: 54.0'



NOTE: SEE TRAFFIC SIGNAL PLANS



TWM, INC.
WWW.TWM-INC.COM
IL DESIGN FIRM
LICENSE NO:
184-001220

USER NAME	= jstein
PLOT SCALE	= 10.00
PLOT DATE	= 2/1/2

DESIGNED	-
DRAWN	-
CHECKED	-
DATE	-

REVISED	-
REVISED	-
REVISED	-
REVISED	-



CARBONDALE
All Ways Done

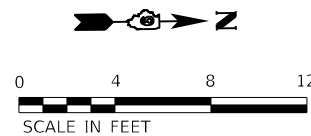
CITY OF CARBONDALE

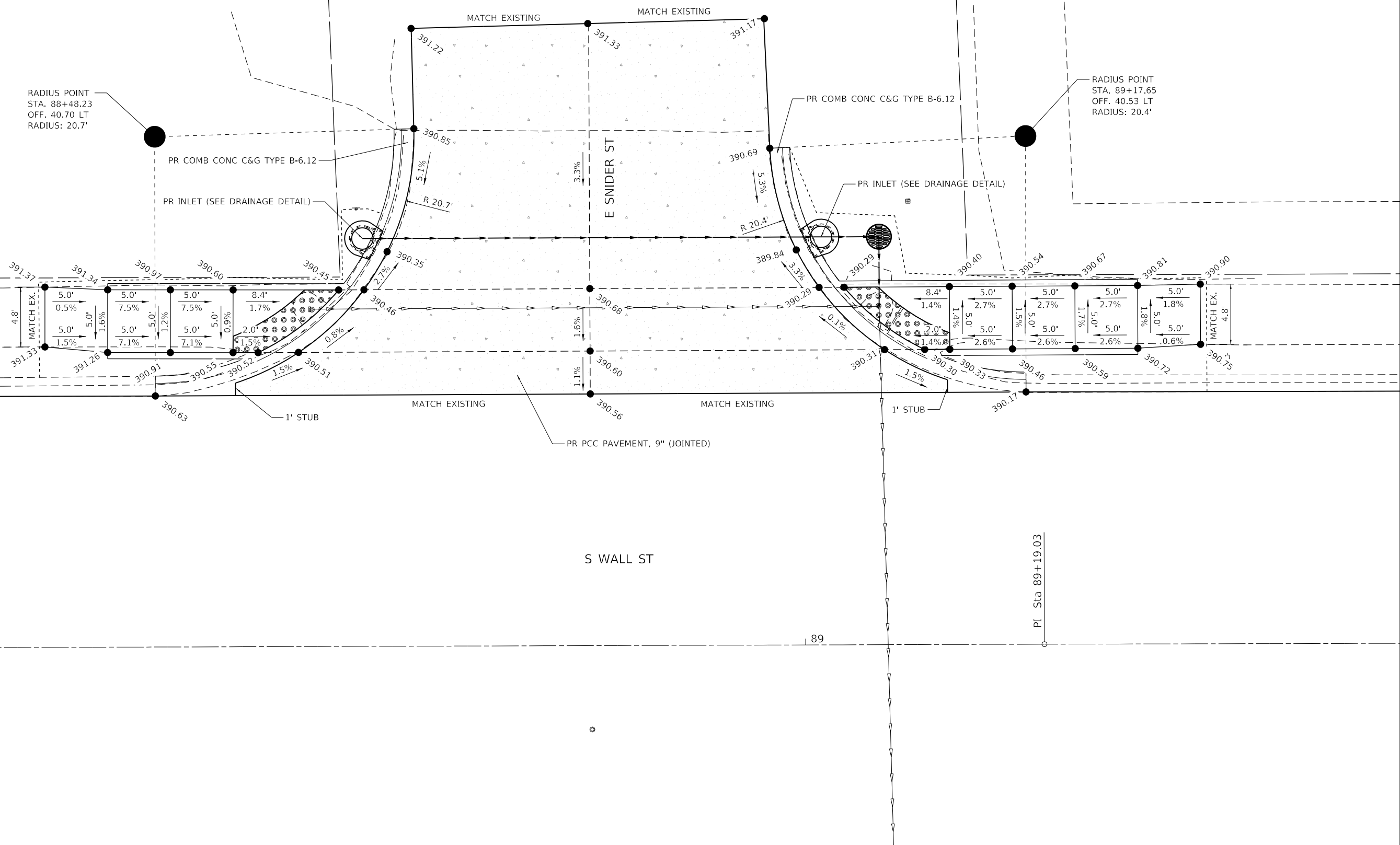
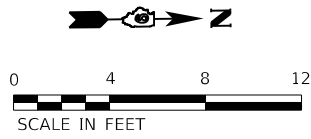
ADA RAMP & INTERSECTION DETAILS E MILL ST

SCALE: 1"=5'	SHEET 3	OF 13 SHEETS	STA.	TO STA.
--------------	---------	--------------	------	---------

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9724	23-00160-00-RS	JACKSON	57	39
		CONTRACT NO. 99727		
ILLINOIS		FED. AID PROJECT		

MODEL: Default
FILE NAME: p:\2021\310792A\4 CAD - DWG\4 7 Tran\CADD Sheets\210792A-cht-dtl AD4-3.dwg





MODEL Default
FILE NAME: I:\2021\12\10792A4_CADD - DWG\4.7 TranCADD Sheets\10792A-8ht-dtl ADA-8.dgn

TWM, INC.
WWW.TWM-INC.COM

IL DESIGN FIRM
LICENSE NO:
184-001220

USER NAME = jstein	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 8,0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 2/1/2025	DATE -	REVISED -

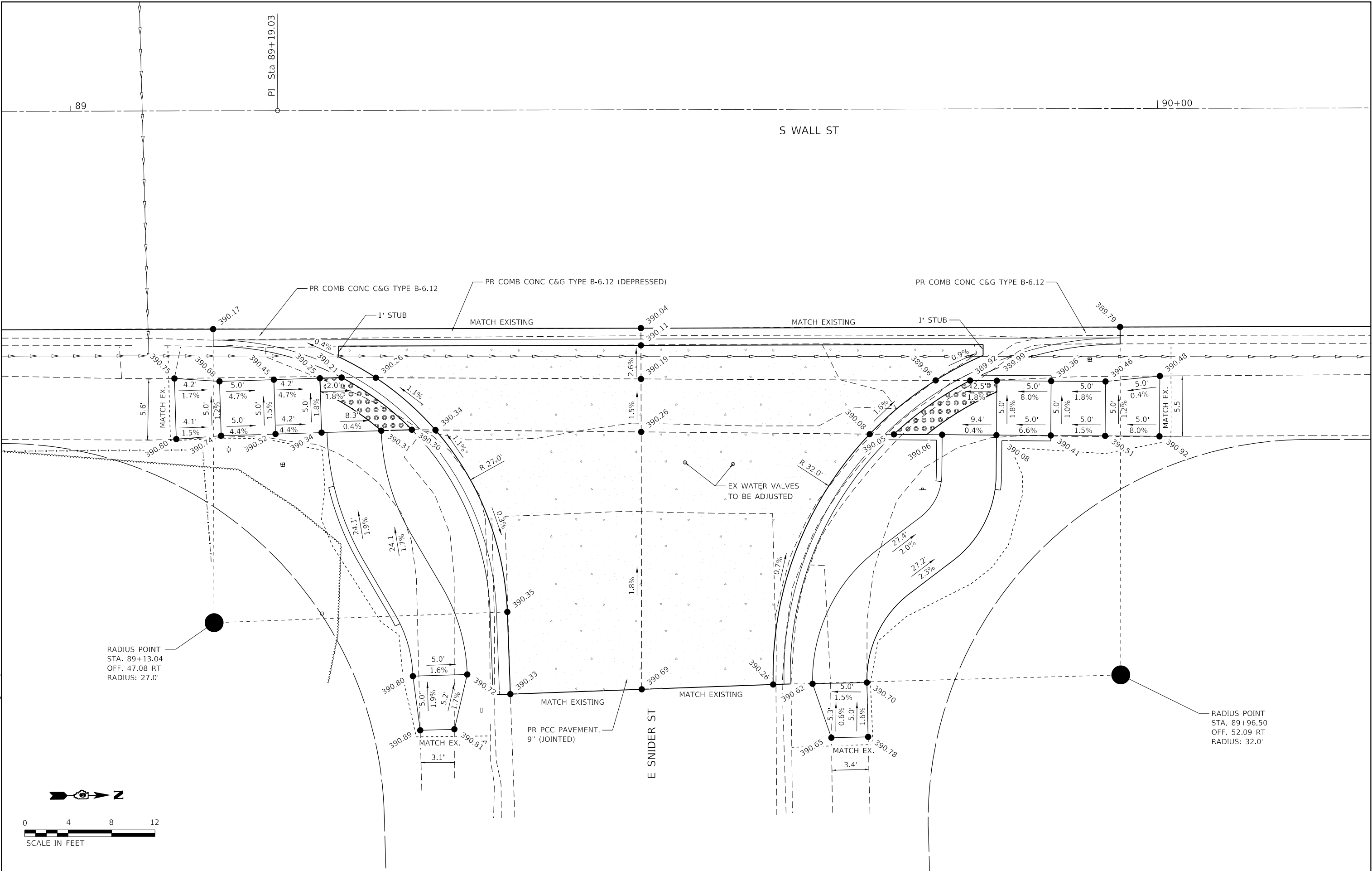


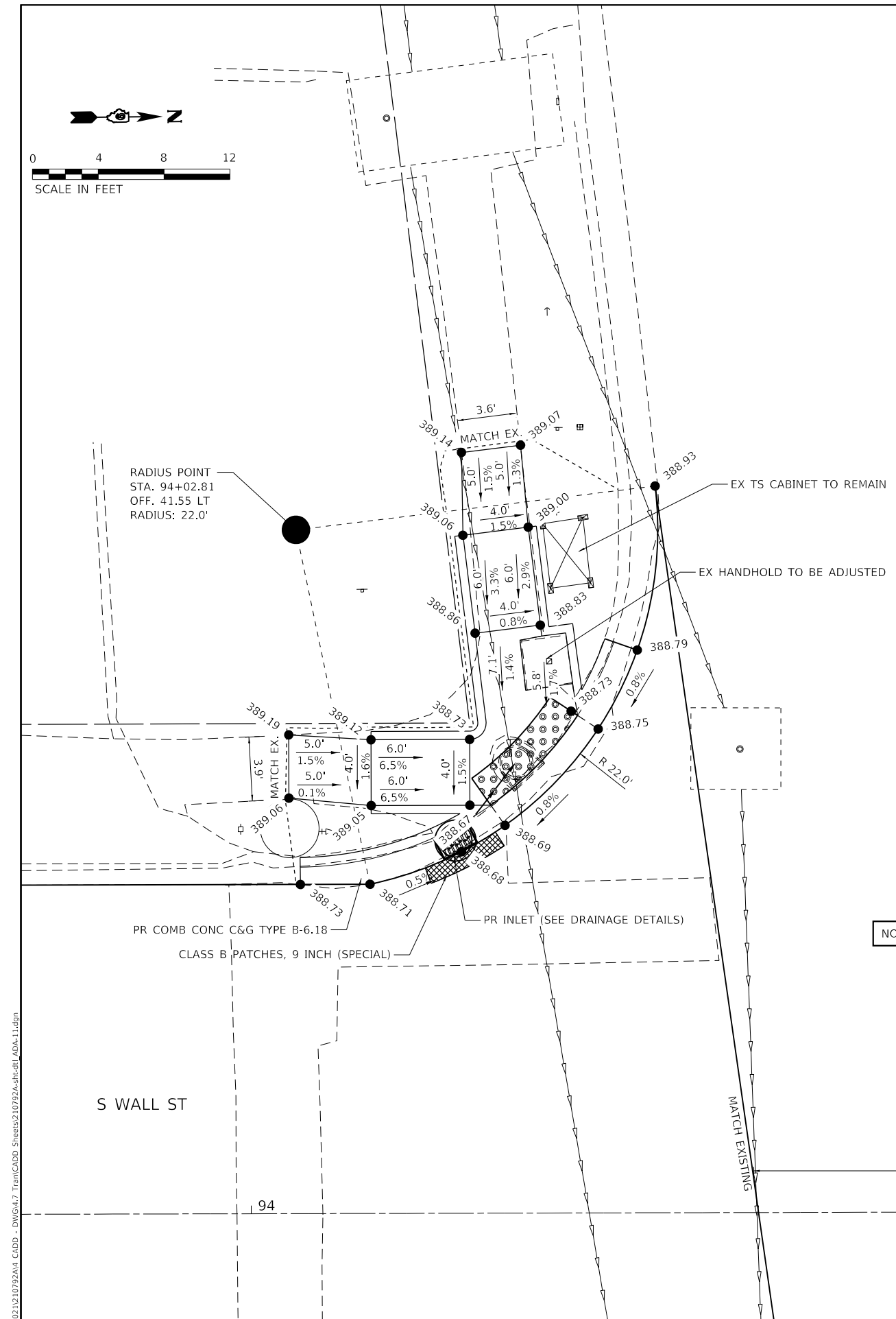
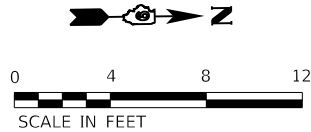
CITY OF CARBONDALE

ADA RAMP & INTERSECTION DETAILS
E SNIDER ST

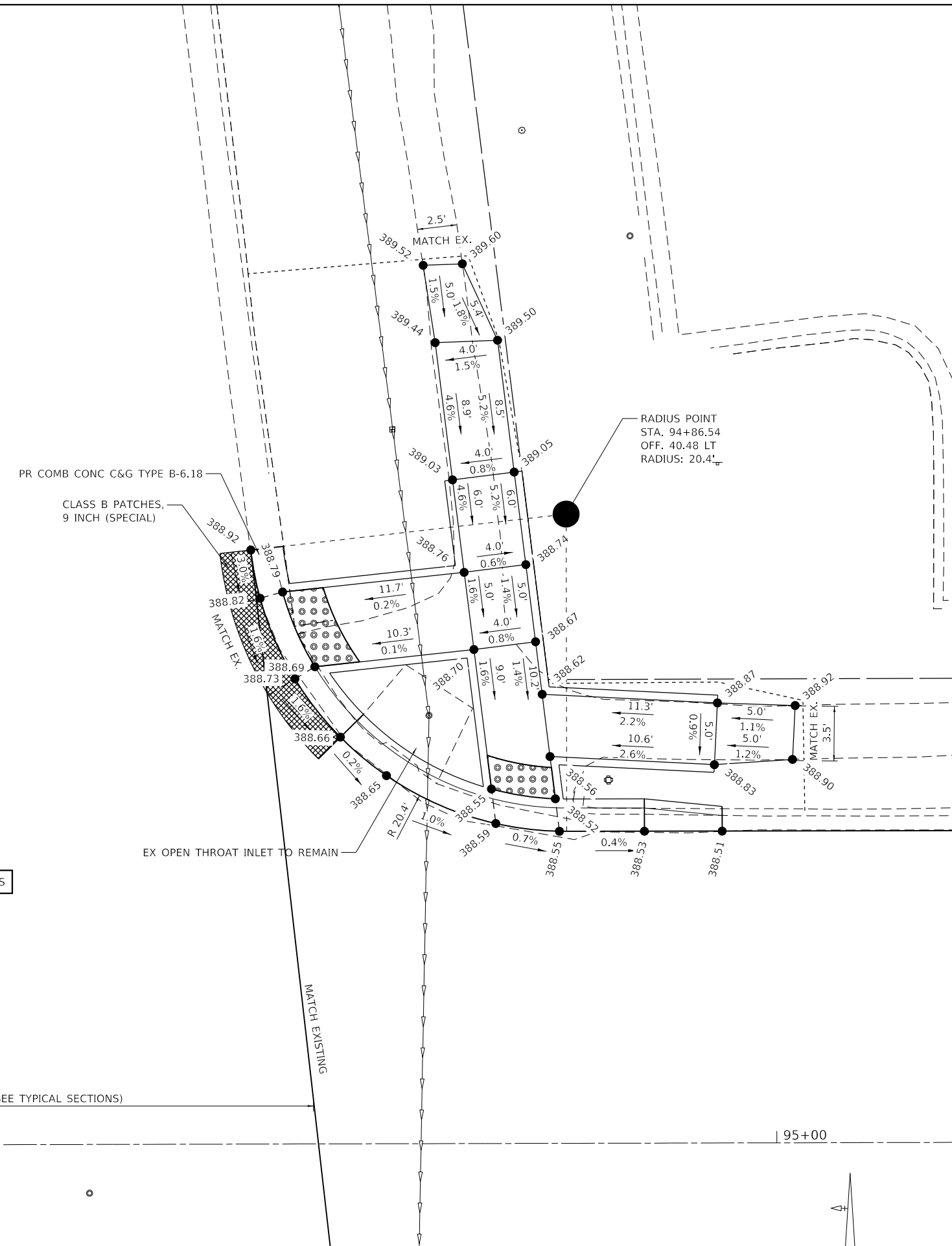
SCALE: 1" = 4' SHEET 8 OF 13 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9724	23-00160-00-RS	JACKSON	57	44
CONTRACT NO. 99727				
ILLINOIS FED. AID PROJECT				





E WALNUT ST



NOTE: SEE TRAFFIC SIGNAL PLANS

PAVING OMISSION (SEE TYPICAL SECTIONS)

MODEL: Default
FILE NAME: 23-00160-00-RS.dwg
CADD: DWG14.7
TAMCADD: Streets210792A4-CADD-
DWG14.7
TAMCADD: Streets210792A4-RS.dwg
ADA-11.dgn

TWM, INC.
WWW.TWM-INC.COM

IL DESIGN FIRM
LICENSE NO: 184-001220

USER NAME	= jstein	DESIGNED	-	REVISED	-
DRAWN	-	REVISION	-	REVISION	-
PLOT SCALE	= 8,0000 ' / in.	CHECKED	-	REVISION	-
PLOT DATE	= 2/1/2025	DATE	-	REVISION	-



CITY OF CARBONDALE

ADA RAMP & INTERSECTION DETAILS
E WALNUT ST

SCALE: 1" = 4' SHEET 11 OF 13 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9724	23-00160-00-RS	JACKSON	57	47
CONTRACT NO. 99727				
ILLINOIS FED. AID PROJECT				





CITY OF CARBONDALE

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9724	23-00160-00-RS	JACKSON	57	48
		CONTRACT NO. 99727		
ILLINOIS		FED. AID PROJECT		

TWM
ENGINEERING & GEOSPATIAL SERVICES

TWM, INC.
WWW.TWM-INC.COM

IL DESIGN FIRM
LICENSE NO:
184-001220

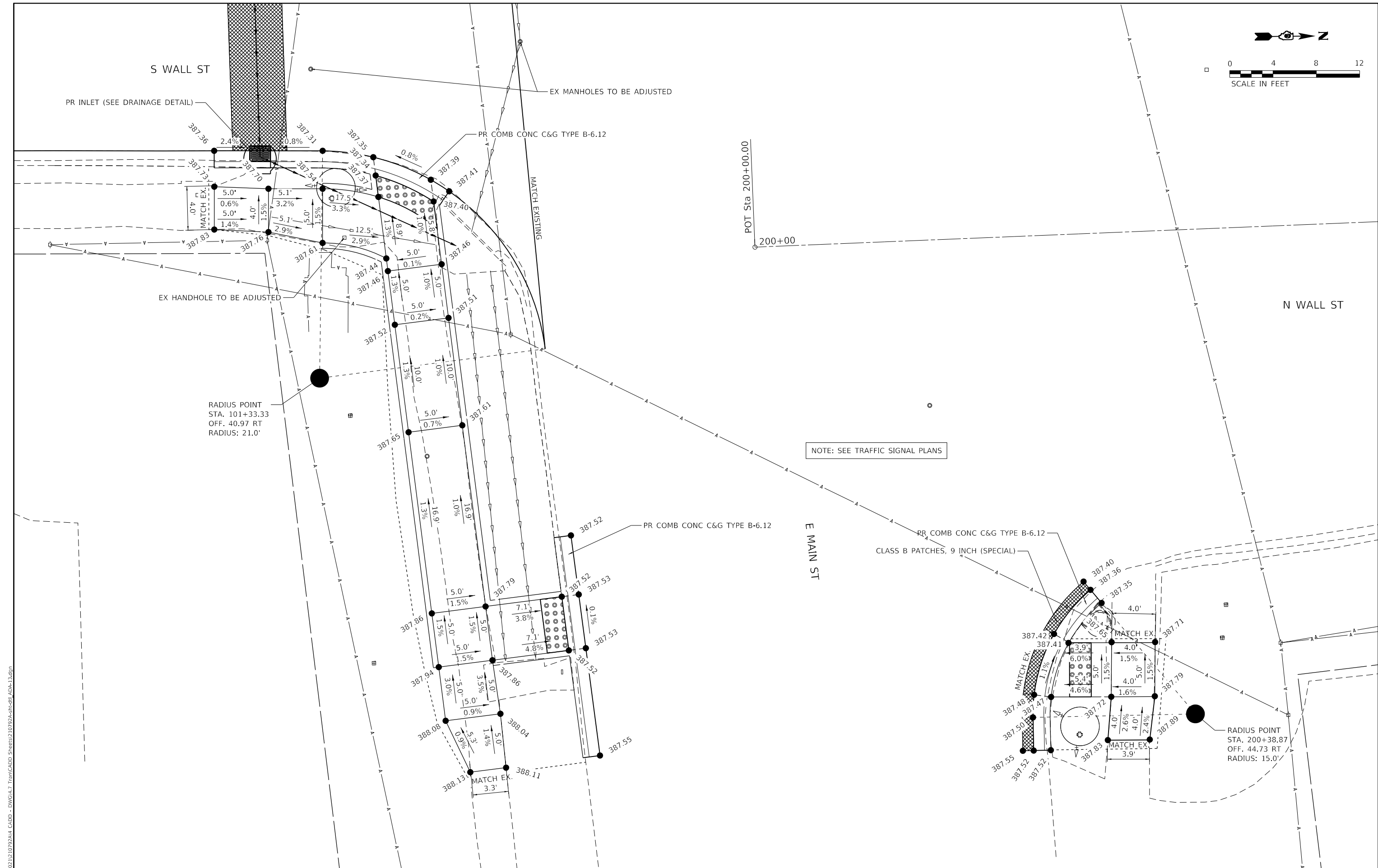
DESIGNED	-
DRAWN	-
CHECKED	-
DATE	-



CARBONDALE
All Waxed Open

ADA RAMP & INTERSECTION DETAILS					
E MAIN ST					
SCALE: 1" = 4'	SHEET 12	OF 13	SHEETS	STA.	TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9724	23-00160-00-RS	JACKSON	57	48
		CONTRACT NO. 99727		
ILLINOIS		FED. AID PROJECT		



MODEL: Default
FILE NAME: 23-00160-00-RS-01.dwg
CADD: DWG14.7
5/2/2025 5:00:00 PM
CADD: DWG14.7
5/2/2025 5:00:00 PM

TRAFFIC SIGNAL NOTES

1. ALL MOUNTING HARDWARE SHALL BE ALUMINUM. ALL BOLTS, SCREWS, NUTS, AND WASHERS SHALL BE STAINLESS STEEL. ANTI-SEIZE PASTE COMPOUND SHALL BE USED ON ALL MOUNTING HARDWARE FIELD CONNECTIONS.
2. ALL PROPOSED TRAFFIC SIGNAL POSTS WILL BE LOCATED NO CLOSER THAN 4'-5/16" FROM FACE OF CURB TO CENTER OF POST (UNLESS OTHERWISE NOTED AND/OR APPROVED BY TRAFFIC OPERATIONS).
3. ALL TRAFFIC SIGNAL CABLES SHALL BE #14 AWG STRANDED COPPER UNLESS OTHERWISE SPECIFIED. TERMINAL ENDS SHALL HAVE CRIMPED-ON RING TONGUE CONNECTORS.
4. THE FINAL LOCATION OF THE DETECTOR LOOPS AND TRAFFIC SIGNAL FOUNDATIONS SHALL BE APPROVED BY THE BUREAU OF TRAFFIC OPERATIONS BEFORE INSTALLATION.
5. ALL DETECTOR LOOPS SHALL HAVE 3 TURNS (BOTH PRESENCE AND CC0).
6. ALL DETECTOR LOOP CORNERS SHALL BE CORE DRILLED 2 IN. MINIMUM DIAMETER EXCEPT THOSE PLACED UNDER RESURFACING. THE DETECTOR LOOP CORNERS PLACED UNDER RESURFACING SHALL BE DIAGONALLY SAWCUT.
7. ALL DETECTOR LOOPS SHALL BE INSTALLED PRIOR TO RESURFACING.
8. THE CONTRACTOR SHALL NOTIFY THE ENGINEER OF TRAFFIC OPERATIONS 72 HOURS PRIOR TO THE SHUT-DOWN OR CUTTING OF EXISTING DETECTOR LOOPS.
9. EXISTING SURFACE DISTURBED DURING EXCAVATION FOR FOUNDATIONS AND PUSH PITS SHALL BE RESTORED TO THE LIMITS AND CONDITION SPECIFIED BY THE ENGINEER OR AS SHOWN ON THE PLANS. UNLESS NOTED OTHERWISE ON THE PLANS, THE REMOVAL AND RESTORATION SHALL BE INCLUDED IN THE CONTRACT.
10. THE FURNISHING AND INSTALLATION OF THE 1 1/4 IN. CONDUIT WITH ITS TRENCHING AND BACKFILL FROM THE LOOP SAWCUT TO THE SPLICE POINT SHALL BE INCLUDED IN THE LOOP INSTALLATION UNLESS SHOWN OTHERWISE ON THE PLANS.
11. CABLE QUANTITIES ARE MEASURED IN PLAN VIEW.
12. ANY EXTENDERS NECESSARY FOR INSTALLATION OF THE PEDESTRIAN PUSH-BUTTONS SHALL BE INCIDENTAL TO THE PRICE FOR THE ACCESSIBLE PEDESTRIAN SIGNALS.
13. PEDESTRIAN PUSH-BUTTON POST SHALL BE PAINTED YELLOW TO MATCH EXISTING TRAFFIC SIGNALS ITEMS. COST INCLUDED IN COST OF PEDESTRIAN PUSH-BUTTON POST, TYPE 1.
14. THE FOLLOWING IDOT STANDARDS SHALL APPLY TO CONSTRUCTION OF THE SIGNALS: 000001-08, 720001-01, 838001-01, 857001-01, 873001-02, 876001-04, 878001-11, 880006-01, 886001-01, 886006-01.

TRAFFIC SIGNAL BILL OF MATERIAL

CODE NUMBER	ITEM	UNIT	TOTAL QUANTITY	E MAIN	E WALNUT	E MILL
72000100	SIGN PANEL - TYPE 1	SQ FT	16.8	5.6	5.6	5.6
72400310	REMOVE SIGN PANEL - TYPE 1	SQ FT	7.9	1.5	1.9	4.5
72400710	RELOCATE SIGN PANEL - TYPE 1	SQ FT	10.0	10.0	0	0
80300100	LOCATING UNDERGROUND CABLE	FOOT	843	314	287	242
81028340	UNDERGROUND CONDUIT, PVC, 1 1/2" DIA.	FOOT	117	64	44	9
81028350	UNDERGROUND CONDUIT, PVC, 2" DIA.	FOOT	2	2	0	0
81028360	UNDERGROUND CONDUIT, PVC, 2 1/2" DIA.	FOOT	5	0	0	5
81028380	UNDERGROUND CONDUIT, PVC, 3 1/2" DIA.	FOOT	5	0	5	0
81028390	UNDERGROUND CONDUIT, PVC, 4" DIA.	FOOT	2	2	0	0
87301215	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	1850	560	610	680
87301225	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	261	261	0	0
87301245	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	79	79	0	0
87301900	ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	344	167	121	56
87502660	TRAFFIC SIGNAL POST, ALUMINUM 12 FT.	EACH	1	1	0	0
87502700	TRAFFIC SIGNAL POST, ALUMINUM 16 FT.	EACH	1	1	0	0
87600100	PEDESTRIAN PUSH-BUTTON POST, TYPE I	EACH	13	4	6	3
87800100	CONCRETE FOUNDATION, TYPE A	FOOT	6	6	0	0
87900100	DRILL EXISTING FOUNDATION	EACH	7	4	2	1
87900200	DRILL EXISTING HANDHOLE	EACH	12	2	6	4
88102825	PEDESTRIAN SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, BRACKET MOUNTED WITH COUNT DOWN TIMER	EACH	1	1	0	0
88600100	DETECTOR LOOP, TYPE I	FOOT	1171	255	556	360
89500100	RELOCATE EXISTING SIGNAL HEAD	EACH	2	2	0	0
89500200	RELOCATE EXISTING PEDESTRIAN SIGNAL HEAD	EACH	2	2	0	0
89502200	MODIFY EXISTING CONTROLLER	EACH	3	1	1	1
89502300	REMOVE ELECTRIC CABLE FROM CONDUIT	FOOT	969	291	108	570
89502375	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	4	2	2	0
89502385	REMOVE EXISTING CONCRETE FOUNDATION	EACH	4	2	2	0
X1400423	REMOVE EXISTING PEDESTRIAN PUSH BUTTON	EACH	6	1	1	4
X8760200	ACCESSIBLE PEDESTRIAN SIGNALS	EACH	18	6	6	6
X8950307	REMOVE EXISTING PEDESTRIAN SIGNAL HEAD	EACH	1	1	0	0

MODEL Dwg.rvt
FILE NAME: 13102110720A4 CADD - DWG14.7 TranCADD Sheets10722A-rht-1S1.dgn



TWM, INC.
www.twm-inc.com

IL DESIGN FIRM
LICENSE NO:
184-001220

USER NAME = efisher
PLOT SCALE = 40,0000 ' / in.
PLOT DATE = 2/3/2025

DESIGNED - MLS
DRAWN - MLS
CHECKED - SJK
DATE -

REVISED -
REVISED -
REVISED -
REVISED -

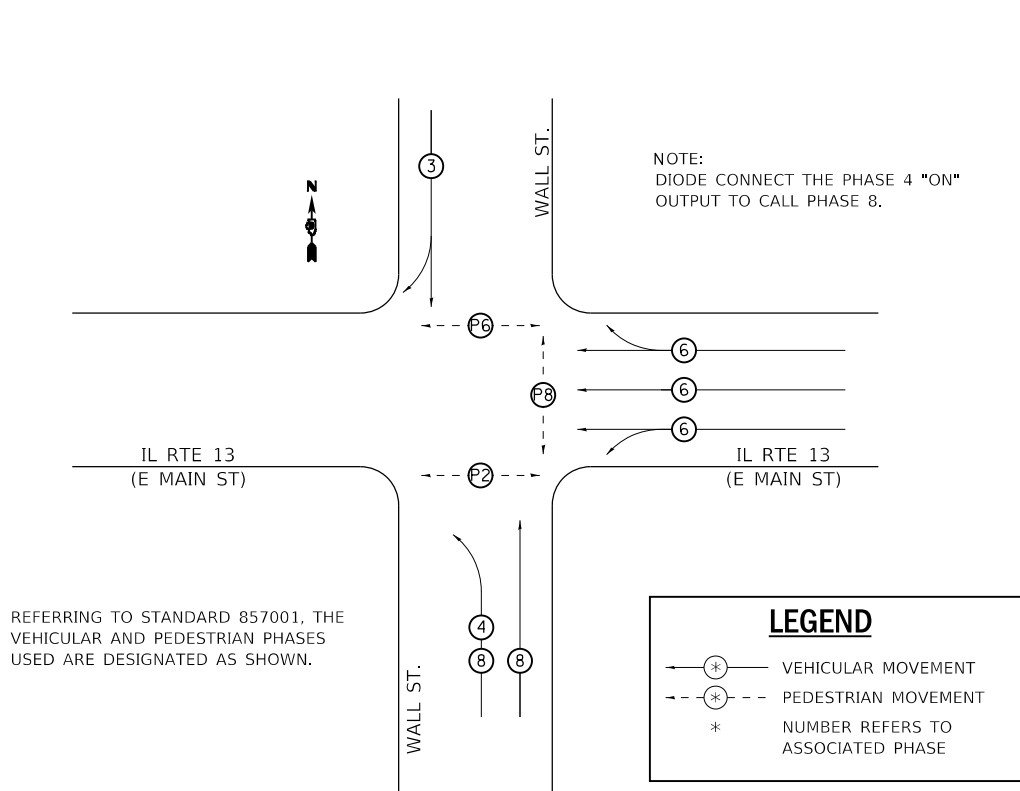


CITY OF CARBONDALE

TRAFFIC SIGNAL GENERAL NOTES, SUMMARY OF QUANTITIES & DETAILS
WALL STREET

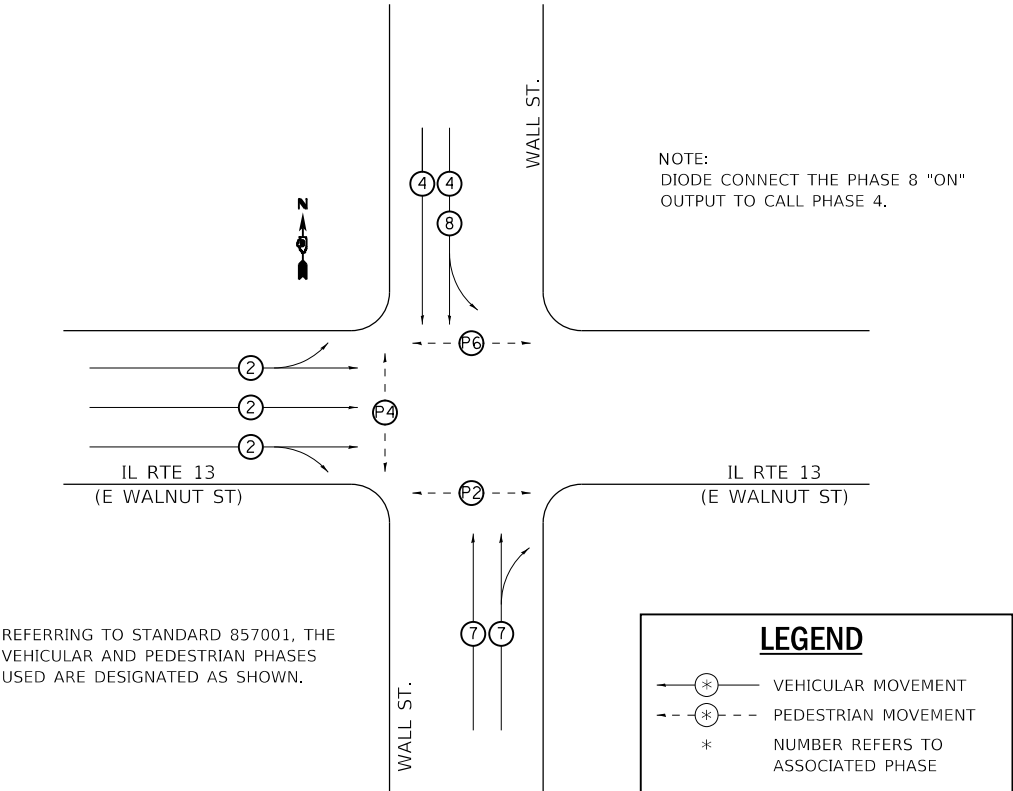
SCALE: NTS SHEET 1 OF 8 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9724	23-00160-00-RS	JACKSON	57	50
		CONTRACT NO. 99727		
		ILLINOIS	FED. AID PROJECT	



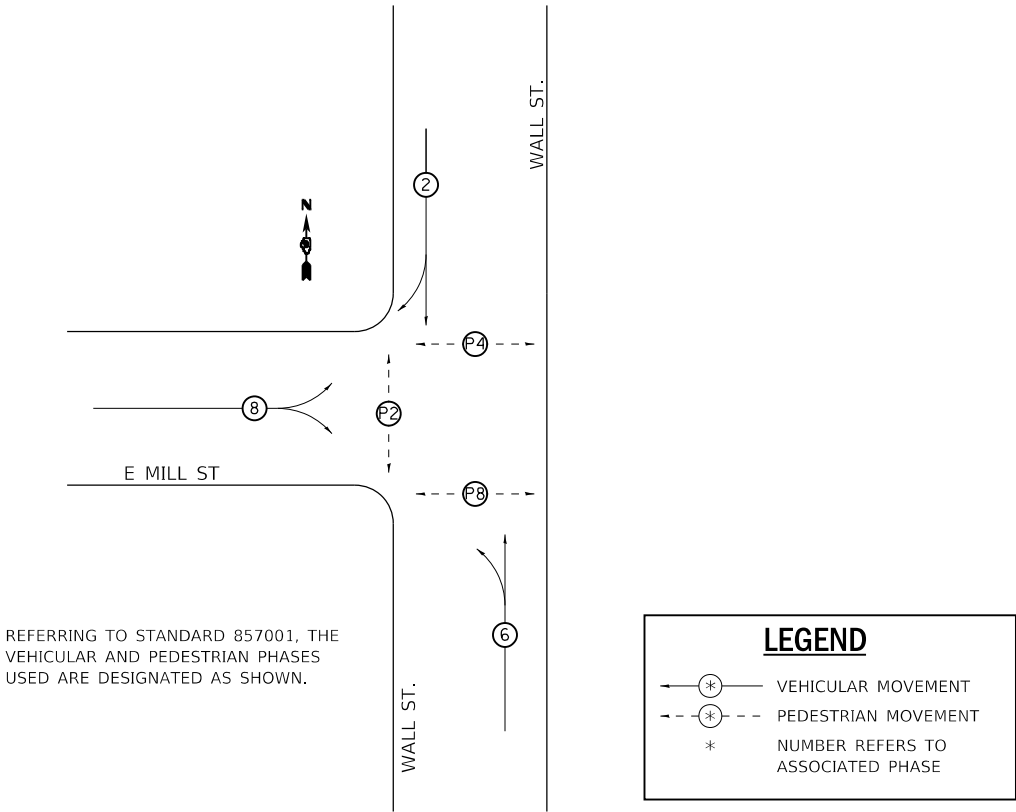
PHASE DESIGNATION DIAGRAM

E MAIN ST. & WALL ST.



PHASE DESIGNATION DIAGRAM

E WALNUT ST. & WALL ST.



PHASE DESIGNATION DIAGRAM

WALL ST. & E MILL ST.

MODEL Default
FILE NAME: T:\2021\210729A4 CADD - DWG\A.7 TranCADD Sheets\210729a-sh-TS-2.dgn



TWM, INC.
WWW.TWM-INC.COM

IL DESIGN FIRM
LICENSE NO:
184-001220

USER NAME	= jstein
DESIGNED	- MLS
DRAWN	- MLS
CHECKED	- SJK
DATE	-
PLOT SCALE	= 40,0000 ' / in.
PLOT DATE	= 2/1/2025

REVISED	-
REVISED	-
REVISED	-
REVISED	-



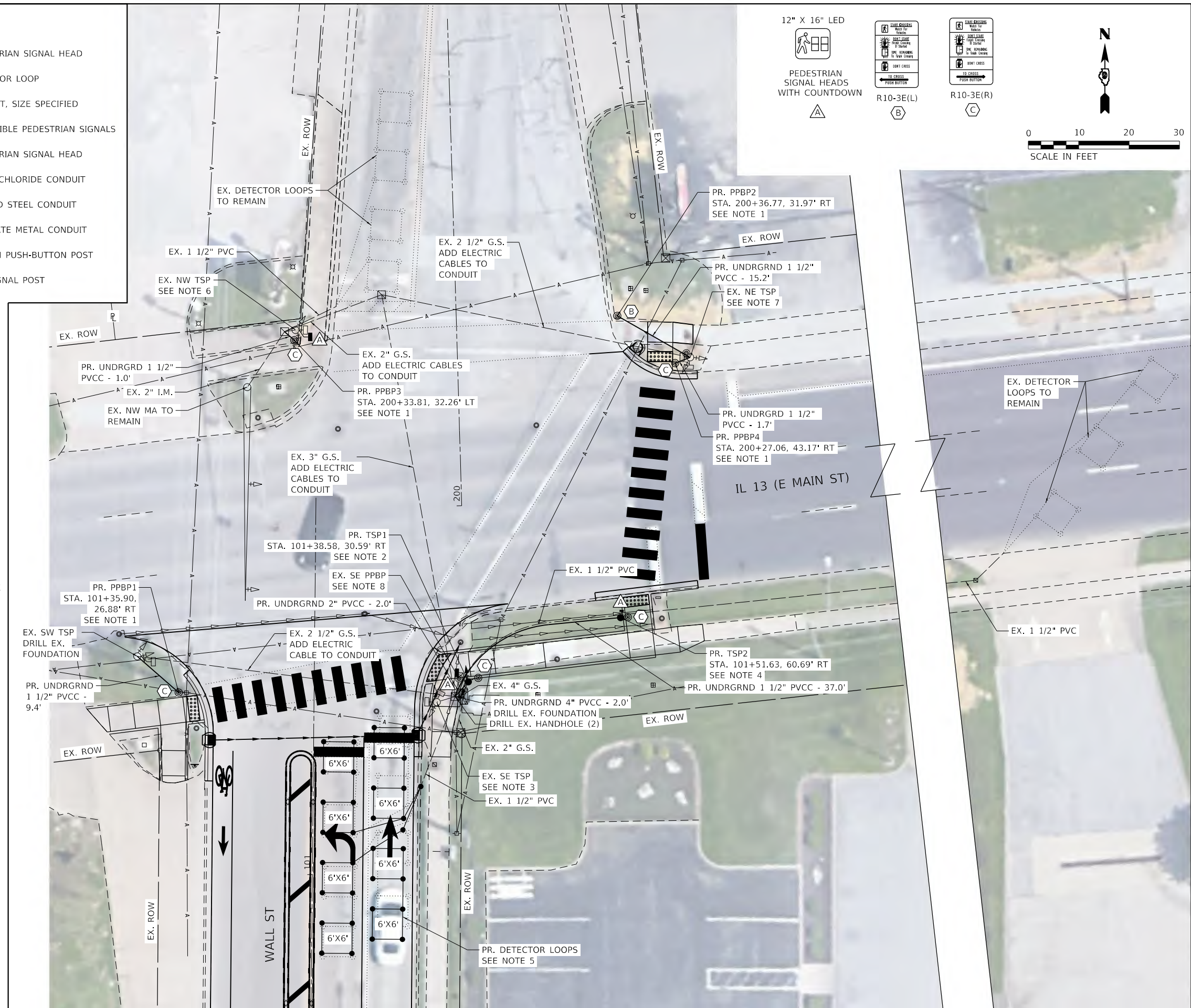
CITY OF CARBONDALE

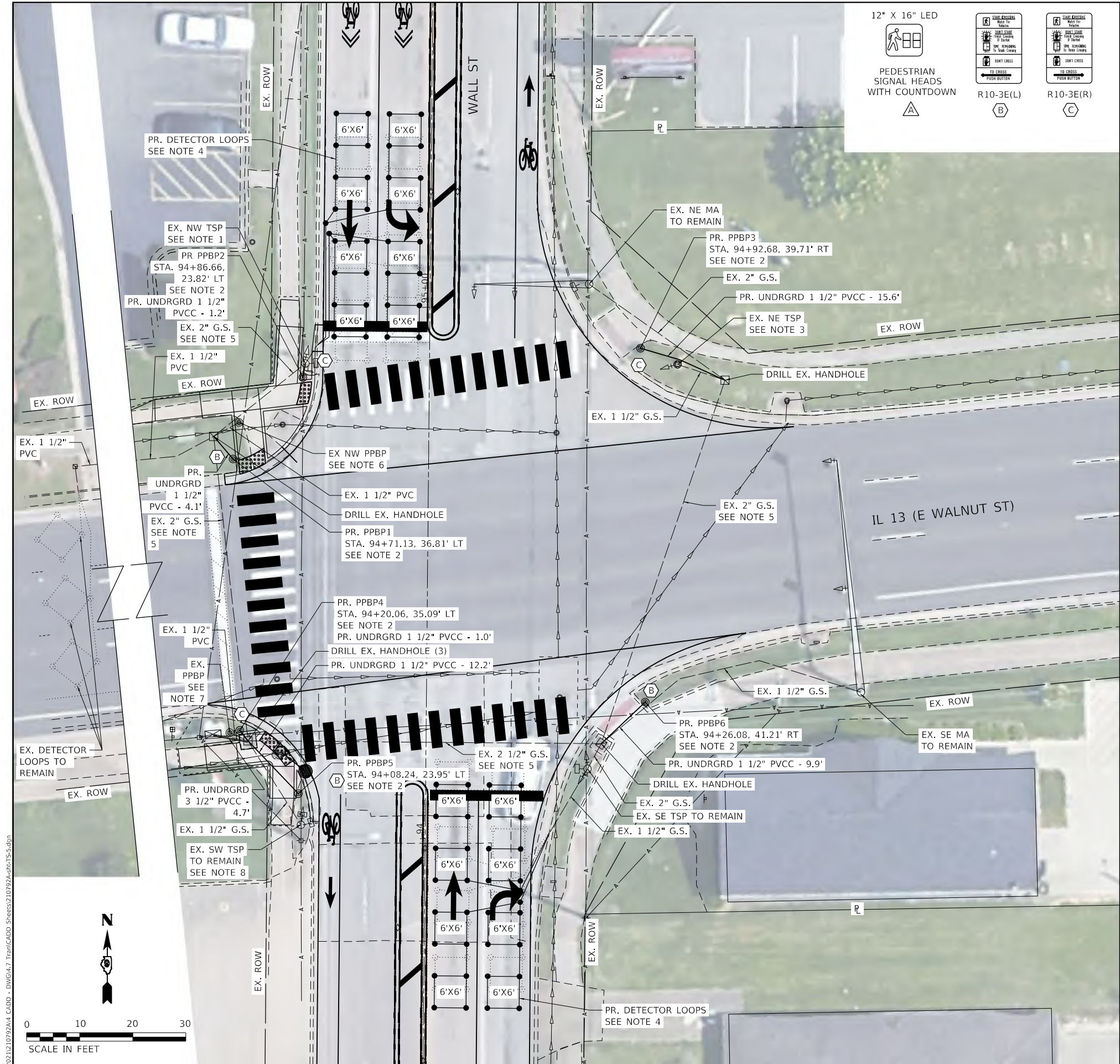
PHASE DESIGNATION DIAGRAMS			
WALL STREET			
SCALE: NTS	SHEET 2	OF 8 SHEETS	STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9724	23-00160-00-RS	JACKSON	57	51
CONTRACT NO. 99727				
ILLINOIS FED. AID PROJECT				

	EX. SIGNAL HEAD W/ BACKPLATE		EX. PEDESTRIAN SIGNAL HEAD
	EX. SIGNAL HEAD		PR. DETECTOR LOOP
	EX. TRAFFIC SIGNAL MAST ARM		PR. CONDUIT, SIZE SPECIFIED
	EX. TRAFFIC SIGNAL POST		PR. ACCESSIBLE PEDESTRIAN SIGNALS
	EX. HANDHOLE		PR. PEDESTRIAN SIGNAL HEAD
	EX. CONTROLLER	PVCC	POLYVINYL CHLORIDE CONDUIT
	EX. DETECTOR LOOP	GS	GALVANIZED STEEL CONDUIT
	EX. SERVICE INSTALLATION	IM	INTERMEDIATE METAL CONDUIT
	EX. CONDUIT	PPBP	PEDESTRIAN PUSH-BUTTON POST
	EX. PEDESTRIAN PUSH-BUTTON	TSP	TRAFFIC SIGNAL POST

1. PR. PPBP1, PPBP2, PPBP3 & PPBP4
SW QUAD, NE QUAD & NW QUAD
PR. PED. PUSH-BUTTON POST, TY 1 - 1 EA.
PR. CONC. FND INCLUDED IN COST OF THE POST
PR. ACCESSIBLE PED. SIGNALS - 1 EA.
PR. R10-3E(R, L, R, R) (9"x15") SIGN ABOVE
ACCESSIBLE PED. PUSH-BUTTON, SIGN SHALL BE BOLTED TO THE POST.
CONTRACTOR SHALL UTILIZE EX. AND PR. CONDUITS
2. PR. TSP1
PR. TRAFFIC SIGNAL POST, ALUMINUM, 16 FT
PR. CONCRETE FOUNDATION, TY A, 3 FT.
RELOCATED PED SIGNAL HEAD- 1 EA.
RELOCATED SIGNAL HEAD W/ BACKPLATE - 2 EA.
RELOCATED SIGN PANELS - 2 (24"x30") SIGNS
PR. ACCESSIBLE PED. SIGNALS - 1 EA.
PR. R10-3E(R) (9"x15") SIGN ABOVE ACCESSIBLE PED. PUSH BUTTON, SIGN
SHALL BE BOLTED TO THE POST.
3. EX. SE TSP
REMOVE EX. CONC. FOUNDATION AND TRAFFIC SIGNAL EQUIPMENT. EX.
TRAFFIC SIGNAL EQUIPMENT INCLUDES, BUT NOT LIMITED TO, THE TRAFFIC
SIGNAL POST, SIGNAL HEADS W/ BACKPLATES, PED. SIGNALS AND SIGN
PANELS. REMOVE THE CONDUIT AND CABLE BETWEEN THE EX. TS POST TO BE
REMOVED AND THE EX. HANDHOLE TO REMAIN. COST INCLUDED IN COST OF
REMOVE TRAFFIC SIGNAL EQUIPMENT. EX. SIGNAL HEADS W/ BACKPLATE, PED.
SIGNALS AND SIGN PANELS SHALL BE RELOCATED PER PLANS.
4. PR. TSP2
PR. TRAFFIC SIGNAL POST, ALUMINUM, 12 FT
PR. CONCRETE FOUNDATION, TY A, 3 FT.
RELOCATED PED. SIGNAL HEAD - 1 EA.
PR. ACCESSIBLE PED. SIGNALS - 1 EA.
PR. R10-3E(R) (9"x15") SIGN ABOVE ACCESSIBLE PED. PUSH BUTTON, SIGN
SHALL BE BOLTED TO THE POST.
5. THE EXISTING DETECTOR LOOP WILL BE REMOVED AS NECESSARY TO NOT
INTERFERE WITH THE DETECTOR LOOP, TY 1. THIS WILL INCLUDE REMOVING
THE ELECTRICAL CABLE TO THE EX. SPLICE. THE COST SHALL BE INCLUDED IN
THE COST OF THE DETECTOR LOOP, TY 1 AND NO ADDITIONAL
COMPENSATION SHALL BE ALLOWED.
6. EX. NW TSP
EX. TRAFFIC SIGNAL HEADS TO REMAIN
REMOVE EX. PED. SIGNAL HEAD - 1 EA.
PR. PED. SIGNAL HEAD - 1 EA.
7. EX. NE TSP
EX. TRAFFIC SIGNAL HEADS TO REMAIN.
EX. PED. SIGNAL HEAD TO REMAIN.
REMOVE EX. PED. PUSH BUTTON & CABLE ASSOCIATED.
ROTATE EX. PED. SIGNAL AS NECESSARY. COST INCLUDED IN PROJECT.
REMOVE PED. SIGN PANELS - 2 (9"x12") SIGNS
DRILL EX. FOUNDATION - 2
8. EX. SE PPBP
REMOVE EX. CONC. FOUNDATION AND TRAFFIC SIGNAL EQUIPMENT. EX
TRAFFIC SIGNAL EQUIPMENT INCLUDES, BUT NOT LIMITED TO, PED PUSH
BUTTON POST, PED PUSH BUTTON AND SIGN PANELS. REMOVE THE CONDUIT
& CABLE BETWEEN PED. PUSH BUTTON POST TO BE REMOVED AND EX. HH
TO REMAIN. COST INCLUDED IN COST OF REMOVE TRAFFIC SIGNAL
EQUIPMENT.

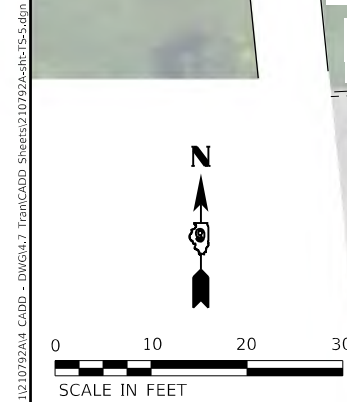




TRAFFIC SIGNAL LEGEND

- EX. SIGNAL HEAD W/ BACKPLATE
- EX. SIGNAL HEAD
- EX. TRAFFIC SIGNAL MAST ARM
- EX. TRAFFIC SIGNAL POST
- EX. HANDHOLE
- EX. CONTROLLER
- EX. DETECTOR LOOP
- EX. SERVICE INSTALLATION
- EX. CONDUIT
- EX. PEDESTRIAN PUSH-BUTTON
- EX. PEDESTRIAN SIGNAL HEAD
- PR. DETECTOR LOOP
- PR. CONDUIT, SIZE SPECIFIED
- PR. ACCESSIBLE PEDESTRIAN SIGNALS
- PR. PEDESTRIAN SIGNAL HEAD
- PVCC POLYVINYL CHLORIDE CONDUIT
- GS GALVANIZED STEEL CONDUIT
- IM INTERMEDIATE METAL CONDUIT
- PPBP PEDESTRIAN PUSH-BUTTON POST
- TSP TRAFFIC SIGNAL POST

- NOTES:
- EX. NW TSP
EX. SIGNAL HEADS TO REMAIN
DRILL EX. FOUNDATION
 - PR. PPBP1, PPBP2, PPBP3, PPBP4, PPBP5 & PPBP6
NW QUAD, NE QUAD, SW QUAD & SE QUAD
PR. PED. PUSH-BUTTON POST, TY 1 - 1 EA.
PR. CONC. FND INCLUDED IN COST OF THE POST
PR. ACCESSIBLE PED. SIGNALS - 1 EA.
PR. R10-3E(L, R, R, R, L, L) (9"x15") SIGN ABOVE ACCESSIBLE PED. PUSH-BUTTON, SIGN SHALL BE BOLTED TO THE POST. CONTRACTOR SHALL UTILIZE EX. AND PR. CONDUITS.
 - EX. NE TSP
EX. SIGNAL HEAD TO REMAIN
 - THE EXISTING DETECTOR LOOP WILL BE REMOVED AS NECESSARY TO NOT INTERFERE WITH THE DETECTOR LOOP, TY 1. THIS WILL INCLUDE REMOVING THE ELECTRICAL CABLE TO THE EX. SPLICE. THE COST SHALL BE INCLUDED IN THE COST OF THE DETECTOR LOOP, TY 1 AND NO ADDITIONAL COMPENSATION SHALL BE ALLOWED.
 - ADD ELECTRIC CABLE TO CONDUIT
 - REMOVE EX. CONC. FOUNDATION AND TRAFFIC SIGNAL EQUIPMENT. EX. TRAFFIC SIGNAL EQUIPMENT INCLUDES BUT NOT LIMITED TO THE PED. PUSH BUTTON, PED. PUSH BUTTON POST AND SIGN PANELS. REMOVE THE CONDUIT AND CABLE BETWEEN EX. NW PPBP AND THE EX. NW HANDHOLE TO REMAIN. COST INCLUDED IN COST OF REMOVE TRAFFIC SIGNAL EQUIPMENT.
 - REMOVE EX. CONC. FOUNDATION AND TRAFFIC SIGNAL EQUIPMENT. EX. TRAFFIC SIGNAL EQUIPMENT INCLUDES BUT NOT LIMITED TO THE PED. PUSH BUTTON, PED. PUSH BUTTON POST AND SIGN PANELS. REMOVE THE CONDUIT AND CABLE BETWEEN EX. NW PPBP AND THE EX. NW HANDHOLE TO REMAIN. COST INCLUDED IN COST OF REMOVE TRAFFIC SIGNAL EQUIPMENT.
 - EX. SW TSP
EX. TRAFFIC SIGNAL HEADS TO REMAIN
EX. PED SIGNAL HEAD TO REMAIN
REMOVE EX. PED PUSH BUTTON & CABLE ASSOCIATED
ROTATE EX. PED SIGNAL HEAD AS NECESSARY. COST INCLUDED IN PROJECT.
REMOVE PED. SIGN PANELS

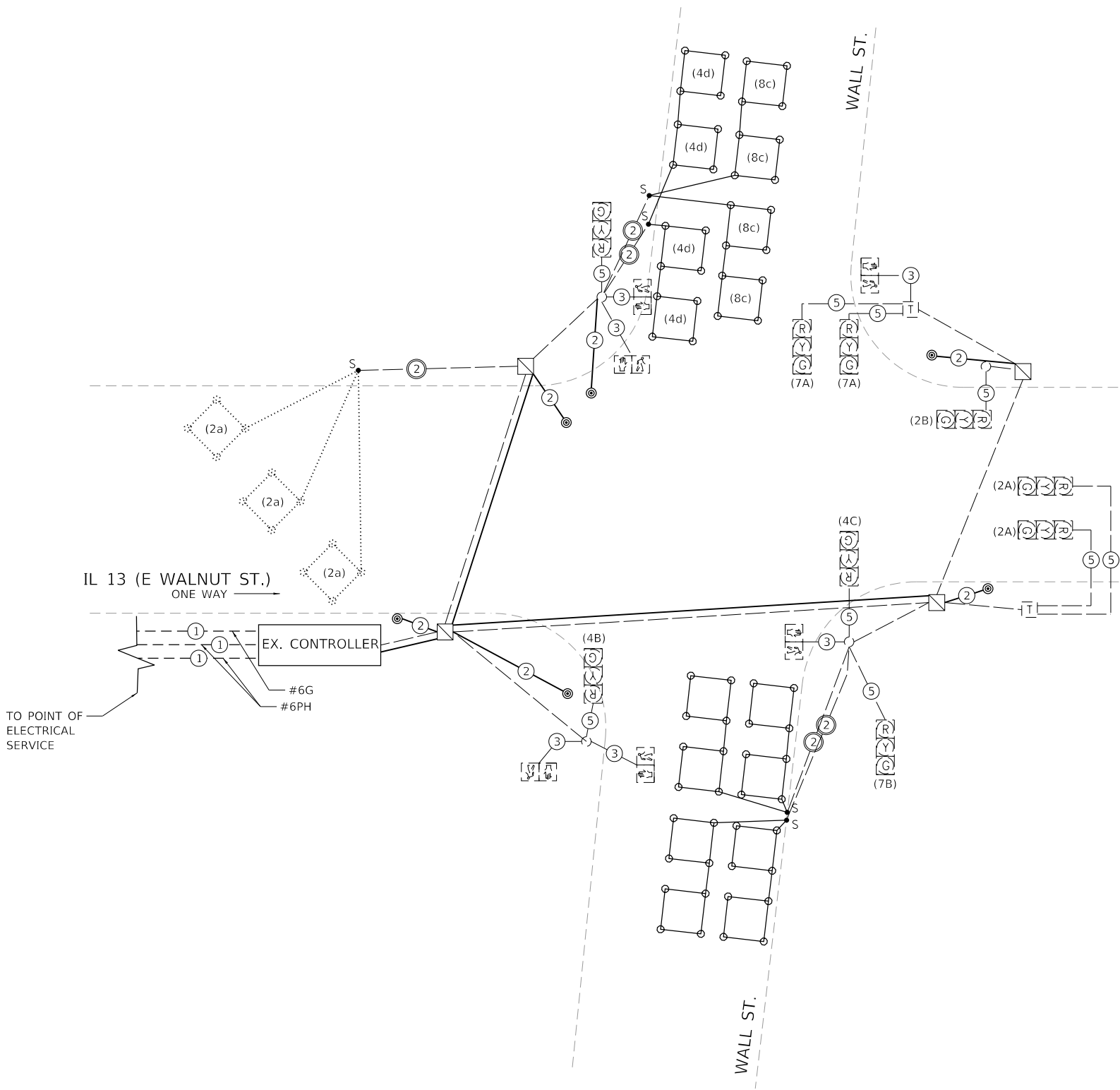


LEGEND

- EX. CABLE
—— PR. CABLE
S — INDICATES CABLE SPLICE
② INDICATES 2/C TWISTED, SHIELDED CABLE IN CONDUIT
⑦ NUMBER IN CIRCLE INDICATES NUMBER OF CONDUCTORS IN THAT CABLE
#6 INDICATES AMERICAN WIRE GAUGE (AWG) SIZE 6 CONDUCTORS (SEE GENERAL NOTES)
② ② INDICATES MULTIPLE CABLES
☒ EX. CONTROLLER
⑥ EX. 12" TRAFFIC SIGNAL SECTION. LETTER INDICATES COLOR.
[T] INDICATES TERMINAL BLOCK IN MAST ARM POLE BASE
⊙ EX. PEDESTRIAN PUSH-BUTTON (REMOVED)
⊙ PR. ACCESSIBLE PEDESTRIAN SIGNALS
PR. PEDESTRIAN SIGNAL HEAD, POLYCARBONATE, LED, 1 FACE, BRACKET MOUNTED, COUNTDOWN
EX. PEDESTRIAN SIGNAL HEAD (REMOVED)
EXISTING 6'X6' LOOP. NUMBER INDICATES PHASE, LOWER CASE LETTER INDICATES AMPLIFIER.
PROPOSED 6'X6' LOOP. NUMBER INDICATES PHASE, LOWER CASE LETTER INDICATES AMPLIFIER.
☐ EX. HANDHOLE
(4) NUMBER IN PARENTHESIS INDICATES PHASE
1a NUMBER INDICATES PHASE; LETTER OF LETTERS IDENTIFY AMPLIFIER
REL RELOCATED



NOT TO SCALE



MODEL Default
FILE NAME: I:\2021\210722A4 CADD - DWG\4.7 TranCADD Sheets\210722A-eh-15-6.dgn



TWM, INC.
WWW.TWM-INC.COM
IL DESIGN FIRM
LICENSE NO:
184-001220

USER NAME	= jstein	DESIGNED	-	REVISED	-
DRAWN	-	REVISIONS	-	REVISED	-
PLOT SCALE	= 10.0000 ' / in.	CHECKED	-	REVISED	-
PLOT DATE	= 2/1/2025	DATE	-	REVISED	-

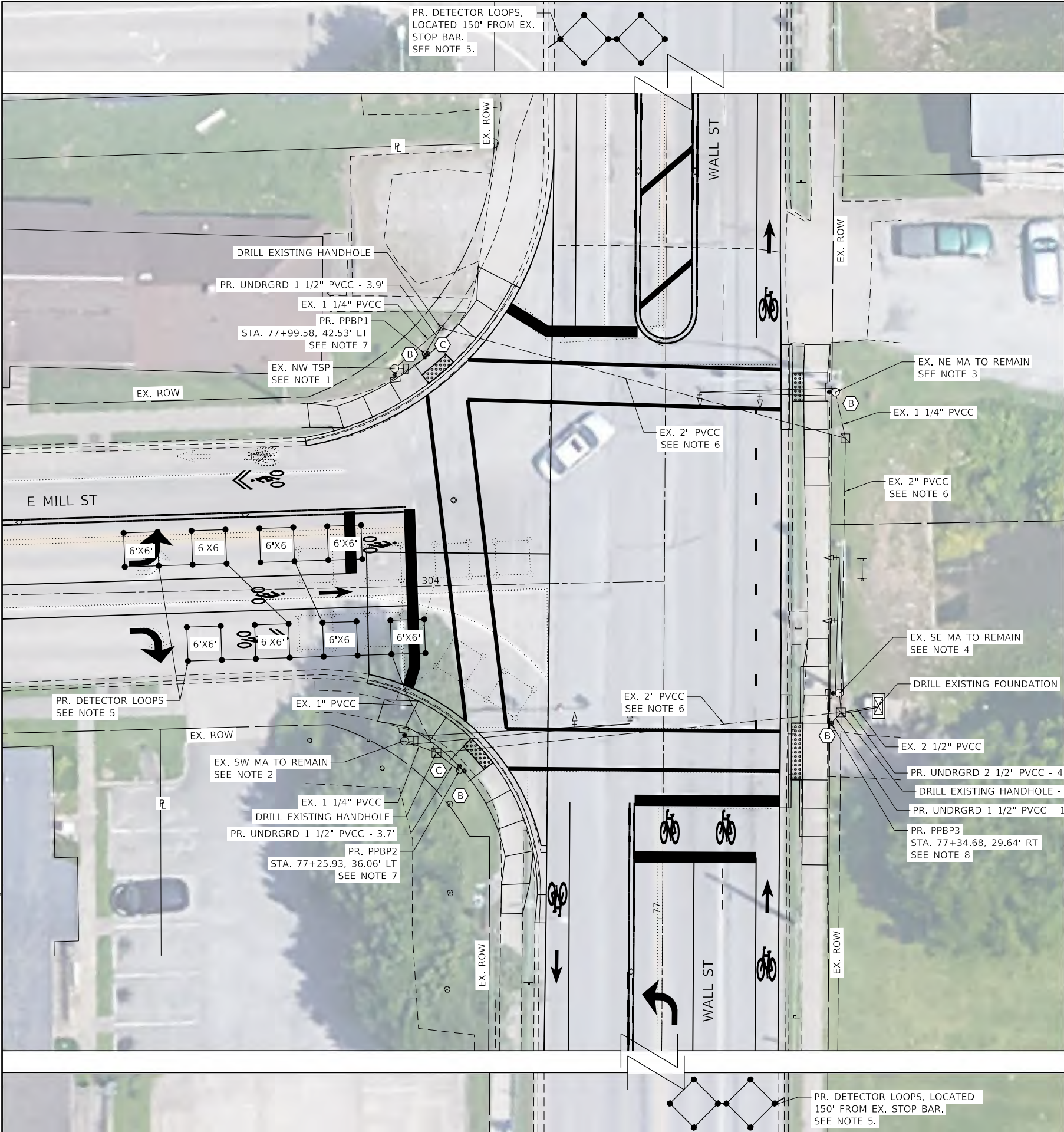


CITY OF CARBONDALE

TRAFFIC SIGNAL CABLE DIAGRAM
E WALNUT STREET & WALL STREET

SCALE: NTS SHEET 6 OF 8 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9724	23-00160-00-RS	JACKSON	57	55
CONTRACT NO. 99727				
ILLINOIS FED. AID PROJECT				



TRAFFIC SIGNAL LEGEND

- EX. SIGNAL HEAD W/ BACKPLATE
- EX. SIGNAL HEAD
- EX. TRAFFIC SIGNAL MAST ARM
- EX. TRAFFIC SIGNAL POST
- EX. HANDHOLE
- EX. CONTROLLER
- EX. DETECTOR LOOP
- EX. SERVICE INSTALLATION
- EX. CONDUIT
- EX. PEDESTRIAN PUSH-BUTTON
- EX. PEDESTRIAN SIGNAL HEAD
- PR. DETECTOR LOOP
- PR. CONDUIT, SIZE SPECIFIED
- PR. ACCESSIBLE PEDESTRIAN SIGNALS
- PR. PEDESTRIAN SIGNAL HEAD
- PVCC POLYVINYL CHLORIDE CONDUIT
- GS GALVANIZED STEEL CONDUIT
- IM INTERMEDIATE METAL CONDUIT
- PPBP PEDESTRIAN PUSH-BUTTON POST
- TSP TRAFFIC SIGNAL POST

- NOTES:
1.

EX. NW TSP
REMOVE EX. PEDESTRIAN PUSH BUTTON - 1 EACH
REMOVE EX. PED. SIGN PANEL TY 1 - 0.75 SQ FT
2.

EX. SW MA
REMOVE EX. PEDESTRIAN PUSH BUTTON - 1 EACH
REMOVE EX. PED. SIGN PANEL TY 1 - 0.75 SQ FT
3.

EX. NE MA
REMOVE EX. PEDESTRIAN PUSH BUTTON - 1 EACH
REMOVE EX. SIGN PANEL TY 1 - 2 @ (0.75 SQ FT) = 1.5 SQ FT
PR. ACCESSIBLE PED. SIGNALS - 1 EA.
PR. R10-3E(L) (9"x15") SIGN ABOVE ACCESSIBLE PED. PUSH-BUTTON, SIGN SHALL BE BOLTED TO THE POST. CONTRACTOR SHALL UTILIZED PR. CONDUITS.
4.

EX. SE MA
EX. PEDESTRIAN SIGNAL HEAD TO REMAIN
REMOVE EX. PEDESTRIAN PUSH BUTTON - 1 EACH
REMOVE EX. SIGN PANEL TY 1 - 2 @ (0.75 SQ FT) = 1.5 SQ FT
5.

THE EXISTING DETECTOR LOOP WILL BE REMOVED AS NECESSARY TO NOT INTERFERE WITH THE DETECTOR LOOP, TY 1. THIS WILL INCLUDE REMOVING THE ELECTRICAL CABLE TO THE EX. SPLICE. THE COST SHALL BE INCLUDED IN THE COST OF THE DETECTOR LOOP, TY 1 AND NO ADDITIONAL COMPENSATION SHALL BE ALLOWED.
6.

ADD ELECTRIC CABLE TO CONDUIT
7.

PR. PPBP1 & PPBP2
NW QUAD & SW QUAD
PR. PED. PUSH-BUTTON POST, TY 1 - 1 EA.
PR. CONC. FND INCLUDED IN COST OF THE POST
PR. ACCESSIBLE PED. SIGNALS - 2 EA.
PR. R10-3E(L, R, L, R) (9"x15") SIGN ABOVE ACCESSIBLE PED. PUSH-BUTTON, SIGN SHALL BE BOLTED TO THE POST.
8.

PR. PPBP3
SE QUAD
PR. PED. PUSH-BUTTON POST, TY 1 - 1 EA.
PR. CONC. FND INCLUDED IN COST OF THE POST
PR. ACCESSIBLE PED. SIGNALS - 1 EA.
PR. R10-3E(L) (9"x15") SIGN ABOVE ACCESSIBLE PED. PUSH-BUTTON, SIGN SHALL BE BOLTED TO THE POST.

