

06-16-2023 LETTING ITEM 190

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.U. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
5603	22-00058-00-RS	BUREAU	7	1
FED. ROAD DIST. NO. -	ILLINOIS	CONTRACT NO. 87806		

INDEX OF SHEETS

- COVER SHEET
- SUMMARY OF QUANTITIES
- SCHEDULE OF QUANTITIES
- GENERAL NOTES AND TYPICAL SECTIONS
- PLAN SHEETS

HIGHWAY STANDARDS

- 000001-08 STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
- 001005 DECIMAL OF AN INCH AND OF A FOOT
- 280001-07 TEMPORARY EROSION CONTROL SYSTEMS
- 424001-11 PERPENDICULAR CURB RAMPS FOR SIDEWALKS
- 424006-05 DIAGONAL CURB RAMPS FOR SIDEWALKS
- 424011-04 CORNER PARALLEL CURB RAMPS FOR SIDEWALKS
- 424021-06 DEPRESSED CORNER FOR SIDEWALKS
- 604006-05 FRAME AND GRATE TYPE 3
- 606001-08 CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
- 701006-05 OFF-ROAD OPERATIONS, 2L, 2W, 15' (4.5 m) TO 24' (600 mm) FROM PAVEMENT EDGE
- 701301-04 LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
- 701311-03 LANE CLOSURE, 2L, 2W MOVING OPERATIONS - DAY ONLY
- 701501-06 URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED
- 701801-06 SIDEWALK, CORNER OR CROSSWALK CLOSURE
- 701901-08 TRAFFIC CONTROL DEVICES
- 780001-05 TYPICAL PAVEMENT MARKINGS

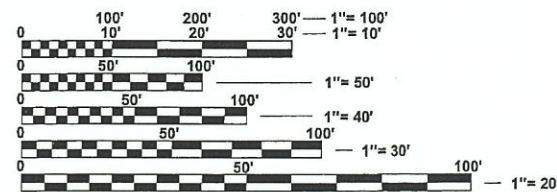
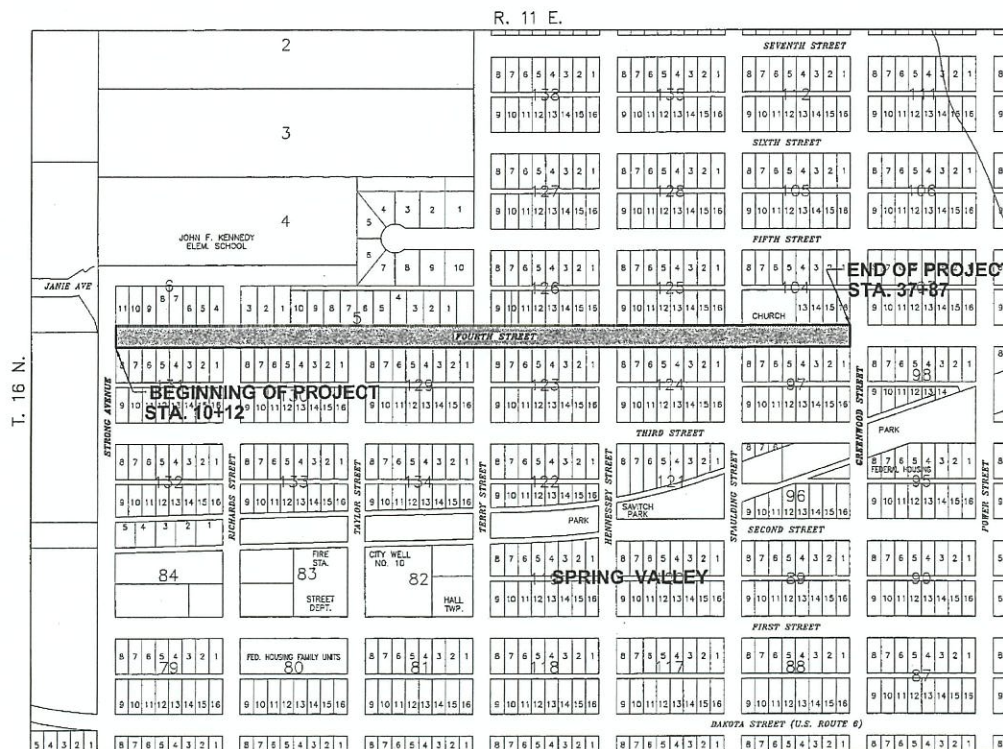
PLANS FOR PROPOSED FEDERAL AID HIGHWAY

CITY OF SPRING VALLEY
FAU 5603 (4TH STREET)
SECTION 22-00058-00-RS
PROJECT UV8Q(586)
BUREAU COUNTY
C-93-018-23



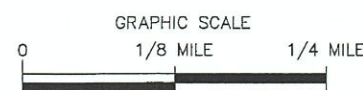
LOCATION OF SECTION INDICATED THIS: - ■ -

FAU 5603 (4TH STREET)
FUNCTION CLASSIFICATION: MINOR COLLECTOR
ADT=225 (2020)
POSTED SPEED 30 MPH



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



NET LENGTH OF SECTION --- 2775' (0.526 MILES)
GROSS LENGTH OF SECTION --- 2775' (0.526 MILES)



4-5-2023
date



signature
MICHAEL W. PERRY
PROFESSIONAL ENGINEER
LICENSE NO. 184-001717

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

SUBMITTED APRIL 6, 2023
[Signature]
MAYOR, CITY OF SPRING VALLEY

PASSED April 14, 2023
[Signature]
DISTRICT 3, LOCAL ROADS AND STREETS ENGINEER

RELEASED April 14, 2023
[Signature]
FOR BID
BASED ON LIMITED REVIEW
REGION 2 ENGINEER

PRINTED BY THE AUTHORITY
OF THE STATE OF ILLINOIS

MICHAEL S. RICHETTA
CHAMLIN & ASSOCIATES
815.223.3344

CONTRACT NO. 87806

TOWNSHIP 16 N., R. 11 E. SECTIONS 33, & 34

BUREAU COUNTY

SECTION: 22-00058-00-RS

ROUTE: F.A.U. 5603 (4TH STREET)

PAY ITEM NO.	IDOT CODE NO.	ITEM	UNIT	TOTAL QUANTITY
1	40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	5894
2	40602965	HOT-MIX ASPHALT BINDER COURSE, IL 9.5 FG, N50	TON	611
3	40604000	HOT-MIX ASPHALT SURFACE COURSE, IL 9.5 FG, MIX C, N50	TON	733
4	42300200	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 6 INCH	SQ YD	87
5	42400100	PORTLAND CEMENT CONCRETE SIDEWALK 4 INCH	SQ FT	5138
6	42400300	PORTLAND CEMENT CONCRETE SIDEWALK 6 INCH	SQ FT	221
6	42400800	DETECTABLE WARNINGS	SQ FT	70
7	44000159	HOT-MIX ASPHALT SURFACE REMOVAL, 2-1/2"	SQ YD	8732
8	44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	87
9	44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	1596
10	44000600	SIDEWALK REMOVAL	SQ FT	4058
11	60255500	MANHOLE TO BE ADJUSTED	EACH	9
12	60260500	INLETS TO BE ADJUSTED WITH NEW TYPE 3 FRAME AND GRATE	EACH	3
13	60266600	VALVE BOXES TO BE ADJUSTED	EACH	5
14	60603800	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12	FOOT	1596
15	67100100	MOBILIZATION	L SUM	1
16	70102620	TRAFFIC CONTROL AND PROTECTION 701501	L SUM	1
17	70102640	TRAFFIC CONTROL AND PROTECTION 701801	L SUM	1
* 18	78000500	THERMOPLASTIC PAVEMENT MARKING - LINE 8"	FOOT	762
* 19	78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	249

*
*
* SPECIALTY ITEM

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 by Mike Richetta

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DATE: 03/2023				



PERU MORRIS
 OTTAWA MENDOTA
 ILLINOIS

FAU 5603 (4TH STREET)
SECTION 22-00058-00-RS - CONTRACT 87806
CITY OF SPRING VALLEY
BUREAU COUNTY

SUMMARY OF QUANTITIES

CONSTRUCTION PLANS

CURRENT AS OF: 4/5/2023	
SCALE: AS NOTED	SHEET 2
FILE NO.: 66452.00 Y-	OF 7

SIDEWALK AND DRIVEWAY SCHEDULE																
LOCATION	SIDEWALK REMOVAL SQ FT	PORTLAND CEMENT CONCRETE SIDEWALK, 4 INCH SQ FT	PORTLAND CEMENT CONCRETE SIDEWALK, 6 INCH SQ FT	DRIVEWAY PAVEMENT REMOVAL SQ YD	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 6 INCH SQ YD	HOT-MIX ASPHALT SURFACE REMOVAL, 2-1/2" SQ YD	BITUMINOUS MATERIAL (PRIME COAT) POUND	HOT-MIX ASPHALT BINDER COURSE, IL9.5FG TON	HOT-MIX ASPHALT SURFACE COURSE, IL9.5FG TON	COMBINATION CURB & GUTTER REMOVAL FOOT	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12 FOOT	INLETS TO BE ADJUSTED WITH NEW TY-3 FR & GR EACH	MANHOLE TO BE ADJUSTED EACH	VALVE BOXES TO BE ADJUSTED EACH	DETECTABLE WARNINGS SQ FT	PEDESTRIAN CROSSING/ RAMP STANDARD NUMBER
424001 PERPENDICULAR																
424011 CORNER PARALLEL																
424016 MID-BLOCK																
424021 DEPRESSED CURB																
4TH STREET																
10+12 TO 28+41						5853	3937	408	490							
14+60 LT													2			
19+51 RT													1			
23+80 RT	81	85								10	10				10	424001-11
23+82 LT													1			
24+00 LT & RT														5		
24+05 LT & RT													2			
28+89 TO 37+87																
29+00 TO 33+20 LT	1733	2091				2879	1957	203	243							
29+00 TO 33+20 RT										443	443					
29+52 TO 29+73 RT				11.5	11.5											
29+53 TO 29+61 LT			39	9.6	9.6											
30+35 TO 30+45 LT			46	12.4	12.4											
30+38 TO 30+48 RT				5.7	5.7											
30+86 TO 30+97 LT			55	12.6	12.6											
31+85 TO 31+97 RT				6.3	6.3											
32+38 TO 32+49 RT				5.7	5.7											
33+10 LT															20	424001-11
33+30 LT & RT													2			
33+42 TO 37+87 RT										467	467					
33+63 TO 35+75 RT	754	962														
34+06 TO 34+14 RT			41	11.5	11.5											
34+24 TO 34+32 RT			40	11.4	11.4											
35+65 TO 37+85 LT	894	1241								242	242					
36+45 TO 37+85 RT	596	759														
37+65 LT & RT												2				
37+78 LT & RT															40	424001-11
37+85 RT												1	1			
4TH STREET TOTAL	4058	5138	221	87	87	8732	5894	611	733	1596	1596	3	9	5	70	

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 OTTAWA MENDOTA
 ILLINOIS

FAU 5603 (4TH STREET)
SECTION 22-00058-00-RS - CONTRACT 87806
CITY OF SPRING VALLEY
BUREAU COUNTY

SUMMARY OF QUANTITIES

CONSTRUCTION PLANS

CURRENT AS OF: 4/5/2023	
SCALE: AS NOTED	SHEET 3
FILE NO.: 66452.00 Y-	OF 7

GENERAL NOTES

THE THICKNESS OF THE HMA SHOWN ON THE PLANS IS THE NOMINAL THICKNESS. DEVIATIONS FROM THE NOMINAL THICKNESS WILL BE PERMITTED WHEN SUCH DEVIATIONS OCCUR DUE TO IRREGULARITIES IN THE EXISTING SURFACE OR BASE ON WHICH THE HMA IS PLACED

THE ENGINEER WILL BE THE SOLE JUDGE CONCERNING CURING TIME FOR VARIOUS HMA LIFTS.

FOR STABILIZATION ALL TYPE III BARRICADES WILL REQUIRE A MINIMUM OF FOUR SAND BAGS PER BARRICADE.

THE FOLLOWING RATES OF APPLICATION HAVE BEEN USED IN CALCULATING PLAN QUANTITIES.

BITUMINOUS MATERIALS (PRIME COAT) RATES		
SURFACE TYPE		RESIDUAL RATE
AGGREGATE BASES		N/A
MILLED HMA OR PCC PAVEMENT		0.05 LB/SQ FT
EXISTING PAVEMENT		0.05 LB/SQ FT
FOG COAT (BETWEEN ADDITIONAL HMA LIFTS)		0.025 LB/SQ FT

SPECIFIED RESIDUAL RATE USED FOR CALCULATING PLAN QUANTITIES

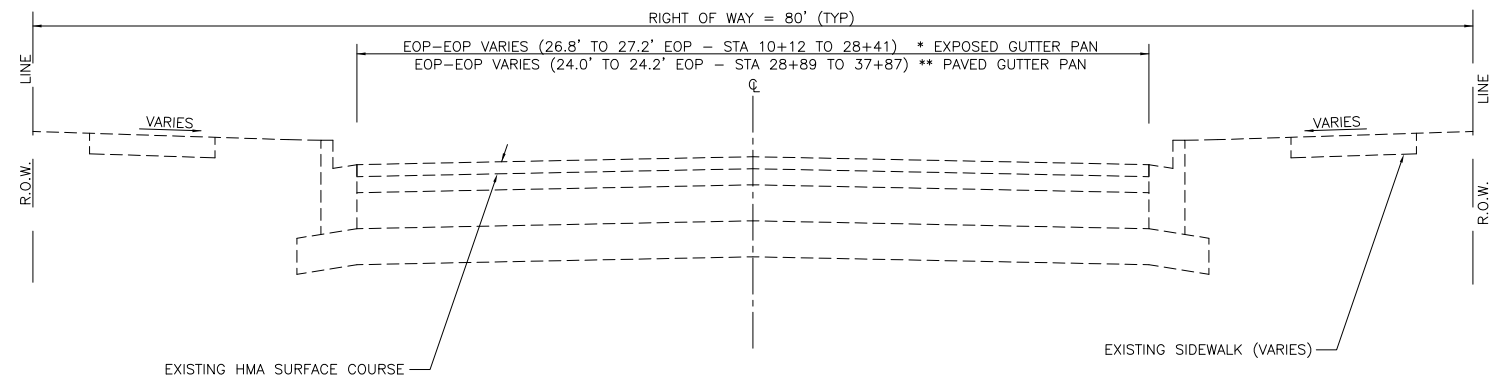
CONTRACTOR SHALL CONTACT JULIE AT LEAST 48 HOURS PRIOR TO EXCAVATION.

TYPICAL UTILITIES IN SPRING VALLEY:

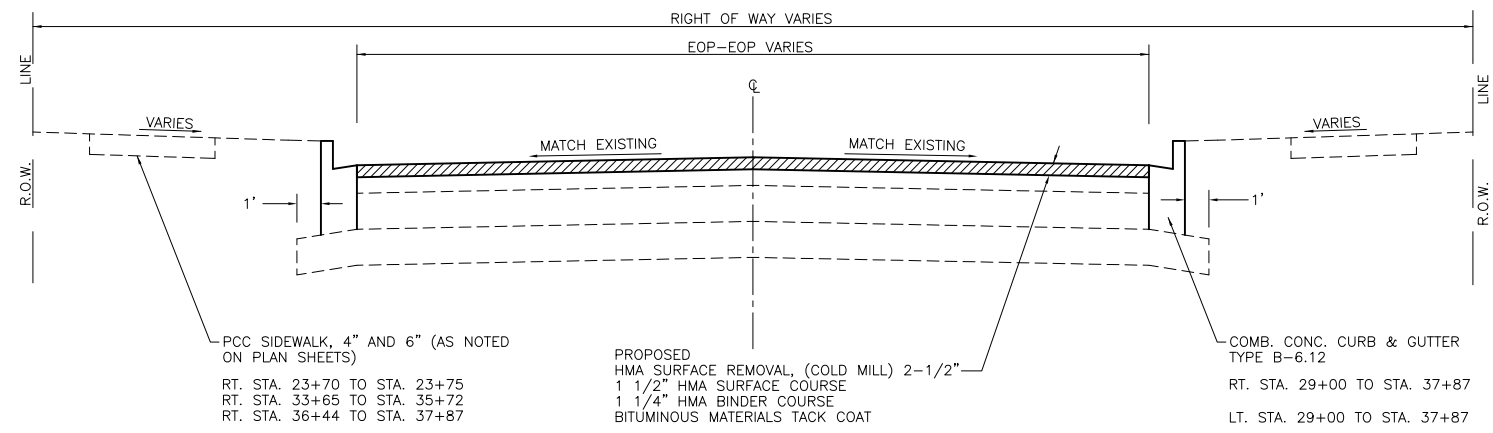
NATURAL GAS/ELECTRIC: AMEREN ILLINOIS
 TELEPHONE: FRONTIER
 CABLE TV: MEDIACOM OR COMCAST
 CITY WATER: CITY OF SPRING VALLEY
 CITY SEWER: CITY OF SPRING VALLEY

HMA MIXTURE REQUIREMENT TABLE			
LOCATIONS:	ENTIRE PROJECT	ENTIRE PROJECT	
MIXTURE USE(S):	HMA BINDER	HMA SURFACE	
BINDER GRADE (PG):	PG 64-22	PG 64-22	
DESIGN AIR VOIDS:	4.0% @ N50	4.0% @ N50	
MIXTURE COMPOSITION: (MIXTURE GRADATION)	IL 9.5FG	IL 9.5FG	
FRICTION AGGREGATE:		MIXTURE C	
MIXTURE WEIGHT:	112.0 LB/SY/IN	112.0 LB/SY/IN	
QUALITY MANAGEMENT PROGRAM:	QCQA	QCQA	
SUBLOT SIZE:	NA	NA	
DENSITY TEST METHOD:	CORES/NUCLEAR	CORES/NUCLEAR	
MATERIAL TRANSFER DEVICE (REQUIRED):	NO	NO	

NOTE: IF AN ANTI-STRIPPING AGENT IS REQUIRED OR ADDED, THERE WILL BE NO ADDITIONAL COMPENSATION AND THE ANTI-STRIPPING AGENT SHALL BE CONSIDERED INCIDENTAL TO THE PRICE OF THE HOT-MIX ASPHALT.



**EXISTING TYPICAL CROSS SECTION
FAU 5603 (4TH STREET)**
N.T.S.
STA. 10+12 TO STA. 37+87



**PROPOSED TYPICAL CROSS SECTION
FAU 5603 (4TH STREET)**
N.T.S.
STA. 10+12 TO STA. 37+87

STA. 10+12 TO STA. 28+41= 27.0' (EOP TO EOP)
 STA. 28+89 TO STA. 37+87= 22.0' (EOP TO EOP)

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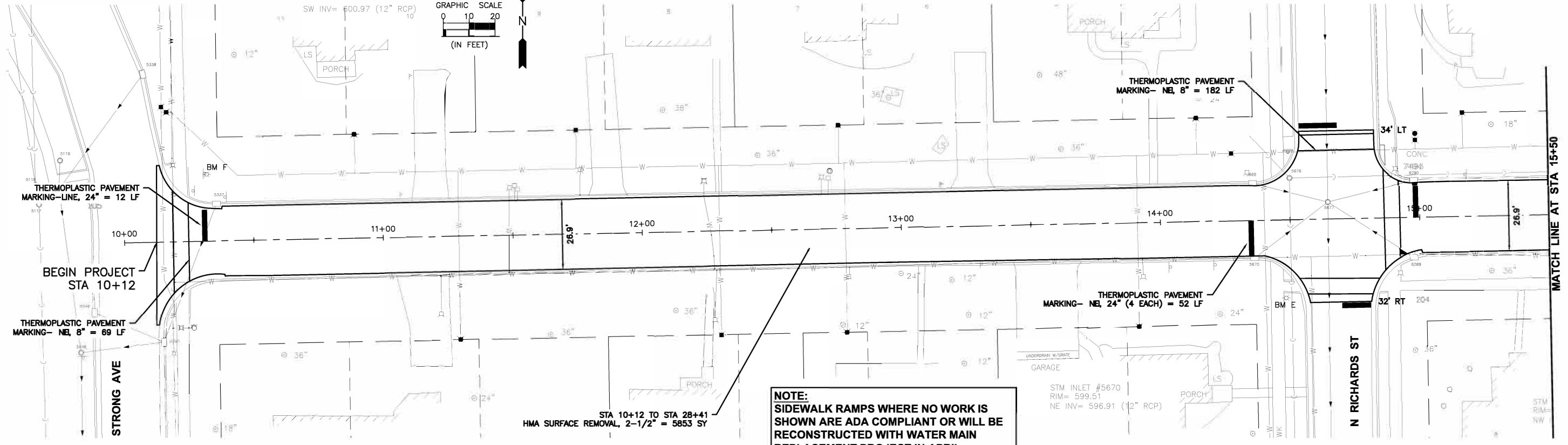
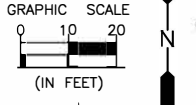
FAU 5603 (4TH STREET)
SECTION 22-00058-00-RS - CONTRACT 87806
CITY OF SPRING VALLEY
BUREAU COUNTY

GENERAL NOTES AND TYPICAL SECTIONS

CONSTRUCTION PLANS

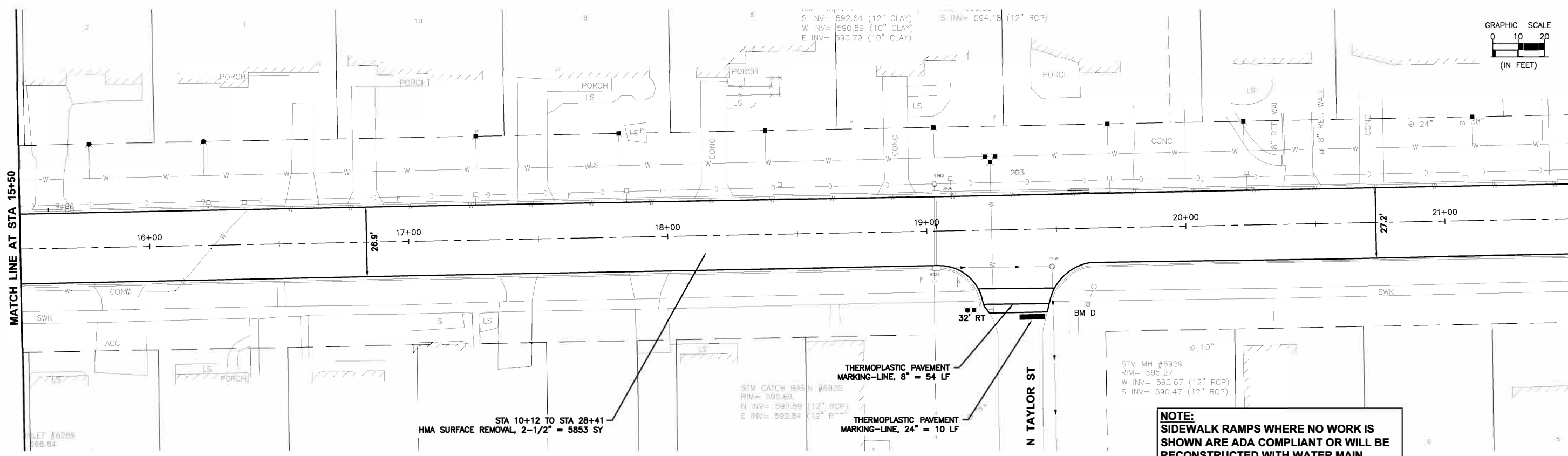
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FILE NO.: 66452.00 Y-	OF 7

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
5603	22-00058-00-RS	BUREAU	7	5
FED. ROAD DIST. NO. -	ILLINOIS	CONTRACT NO. 87806		



NOTE:
SIDEWALK RAMPS WHERE NO WORK IS SHOWN ARE ADA COMPLIANT OR WILL BE RECONSTRUCTED WITH WATER MAIN REPLACEMENT PROJECT IN APRIL.

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NOTE:
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DATE: 03/2023					

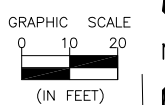

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FAU 5603 (4TH STREET)
SECTION 22-00058-00-RS - CONTRACT 87806
CITY OF SPRING VALLEY
BUREAU COUNTY

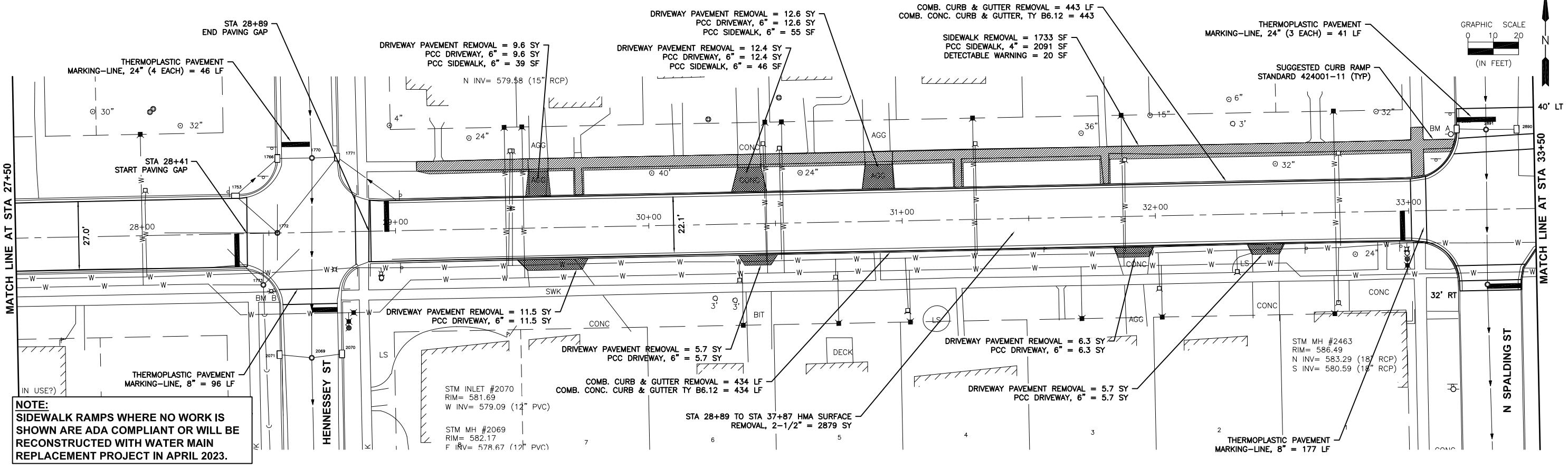
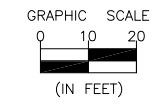
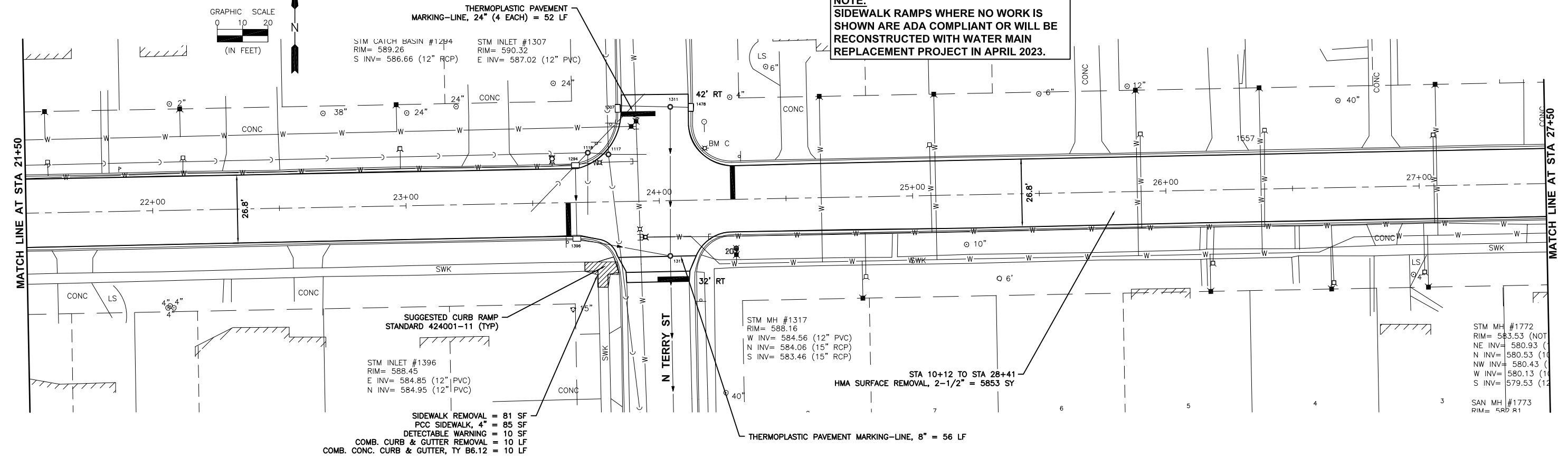
PLAN
 CONSTRUCTION PLANS

CURRENT AS OF: 04/05/2023	SHEET 5
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FILE NO.: 66452.00 Y-	

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
5603	22-00058-00-RS	BUREAU	7	6
FED. ROAD DIST. NO. -	ILLINOIS	CONTRACT NO. 87806		



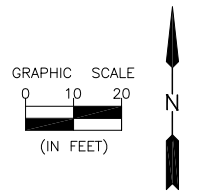
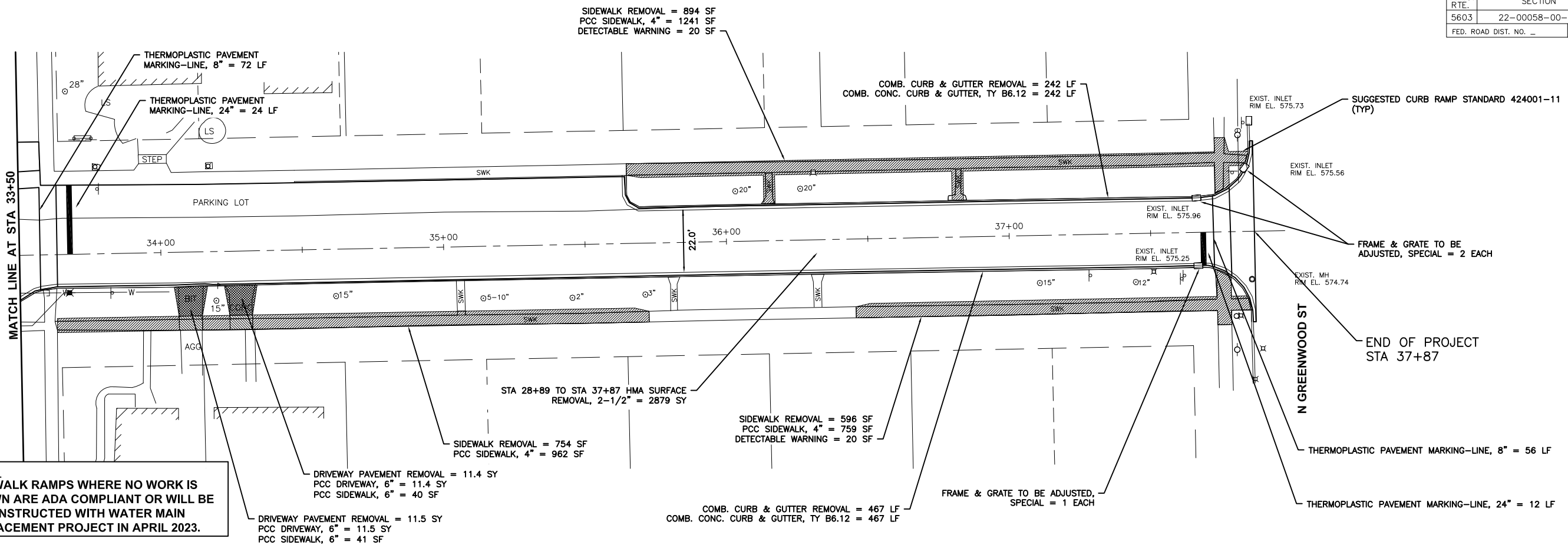
NOTE:
SIDEWALK RAMPS WHERE NO WORK IS SHOWN ARE ADA COMPLIANT OR WILL BE RECONSTRUCTED WITH WATER MAIN REPLACEMENT PROJECT IN APRIL 2023.



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DATE: 03/2023					FILE NO.: 66452.00 Y-					

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
5603	22-00058-00-RS	BUREAU	7	7
FED. ROAD DIST. NO. -	ILLINOIS	CONTRACT NO. 87806		



NOTE:
 SIDEWALK RAMPS WHERE NO WORK IS SHOWN ARE ADA COMPLIANT OR WILL BE RECONSTRUCTED WITH WATER MAIN REPLACEMENT PROJECT IN APRIL 2023.

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PERU MORRIS
 OTTAWA MENDOTA
 ILLINOIS

FAU 5603 (4TH STREET)
 SECTION 22-00058-00-RS - CONTRACT 87806
 CITY OF SPRING VALLEY
 BUREAU COUNTY

PLAN

CONSTRUCTION PLANS

CURRENT AS OF: 04/05/2023	
SCALE: AS NOTED	SHEET 7
FILE NO.: 66452.00 Y-	OF 7