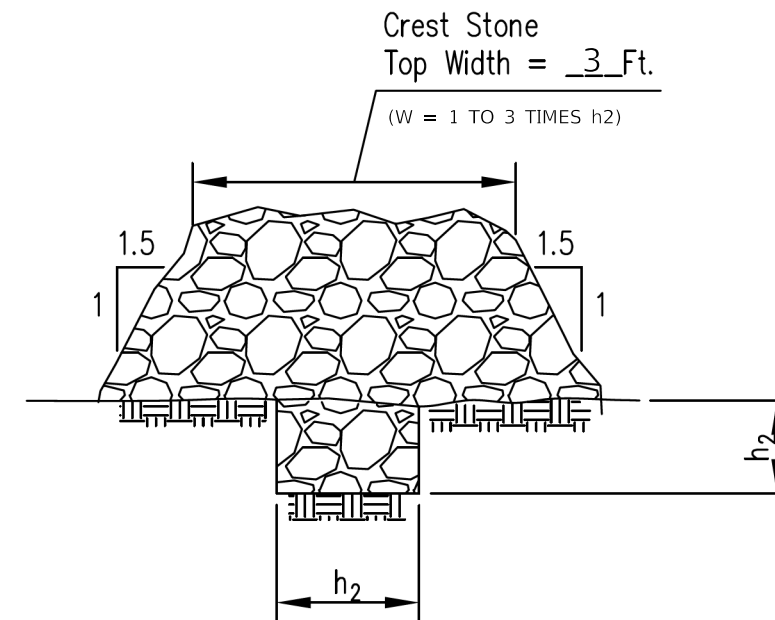


**PLAN VIEW OF BENDWAY WEIR**



**TYPICAL BENDWAY WEIR SECTION**

Weir	*Bank	Station	Length	Crest Elev.	h <sub>1</sub>	h <sub>2</sub>	Angle	** Azimuth	Tons
1	LT	602+69	4'	603.25	3'	1.7'	70°	76° 20' 40"	
2	LT	602+59	4'	603.25	3'	1.7'	70°	83° 39' 39"	
3	LT	602+45	4'	603.25	3'	1.7'	70°	93° 41' 29"	
4									
5									
6									
7									
8									
9									
10									
11									
12									
13									
14									
15									
<b>Total Stone</b>									

- Notes:
- \*\*Azimuth is the compass reading from magnetic north along the centerline of weir.
  - \*Bank—left side or right side looking downstream.
  - Key shall be constructed so that the vertical section remains embedded in the existing stream bank.
  - Rock gradation shall meet IDOT requirements for GRAD. NO. 5 riprap, quality designation "A", or as designated by engineer.

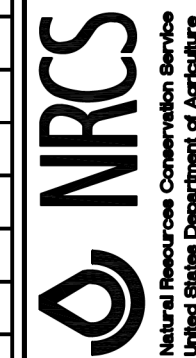
GRAD. NO.	h <sub>2</sub> (D100)	D50
4	1.3 ft	7.4 in
5	1.7 ft	9.8 in
6	2.0 ft	12.1 in
7	2.5 ft	14.6 in

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F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0380	06-00040-00-FP	WILL	943	401
CONTRACT NO. 61H34			ILLINOIS FED. AID PROJECT	

Date	9/1/13
Designed	M. QUINONES
Drawn	
Checked	
Approved	

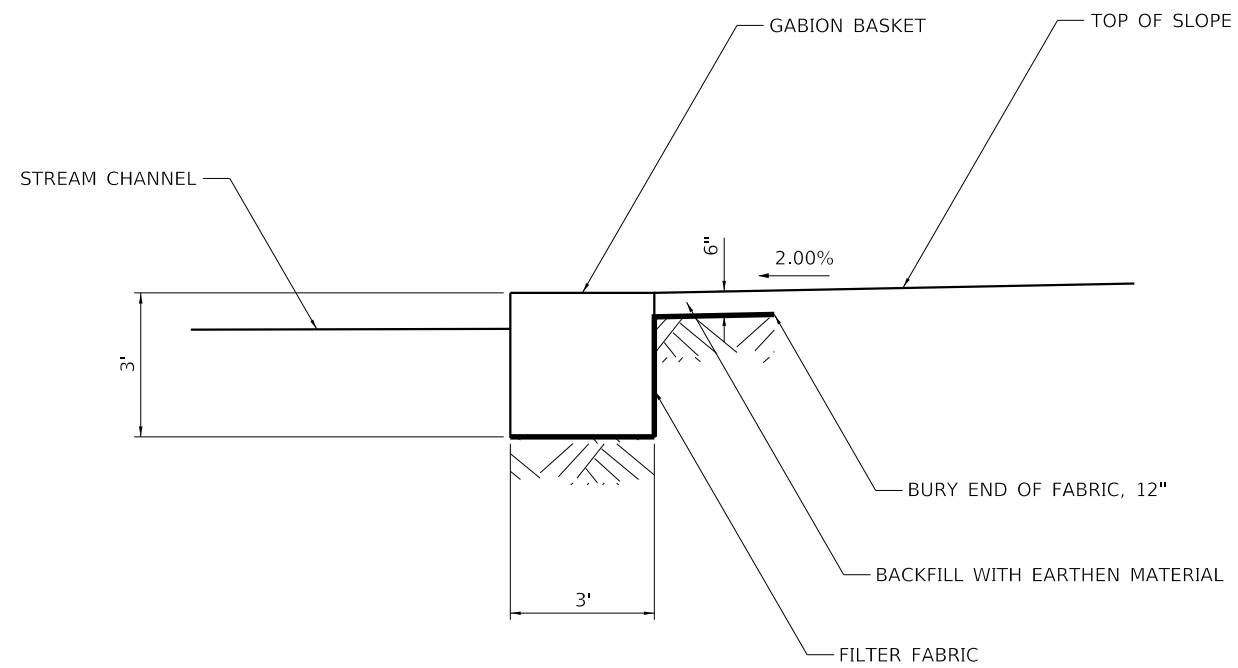
STREAM BANK STABILIZATION  
BENDWAY WEIR



# STRUCTURAL STREAMBANK STABILIZATION – GABIONS

PEN TABLE  
PLOT DRIVER  
- Plainfield\_Screen.tbl  
- pathnlayershwdwg

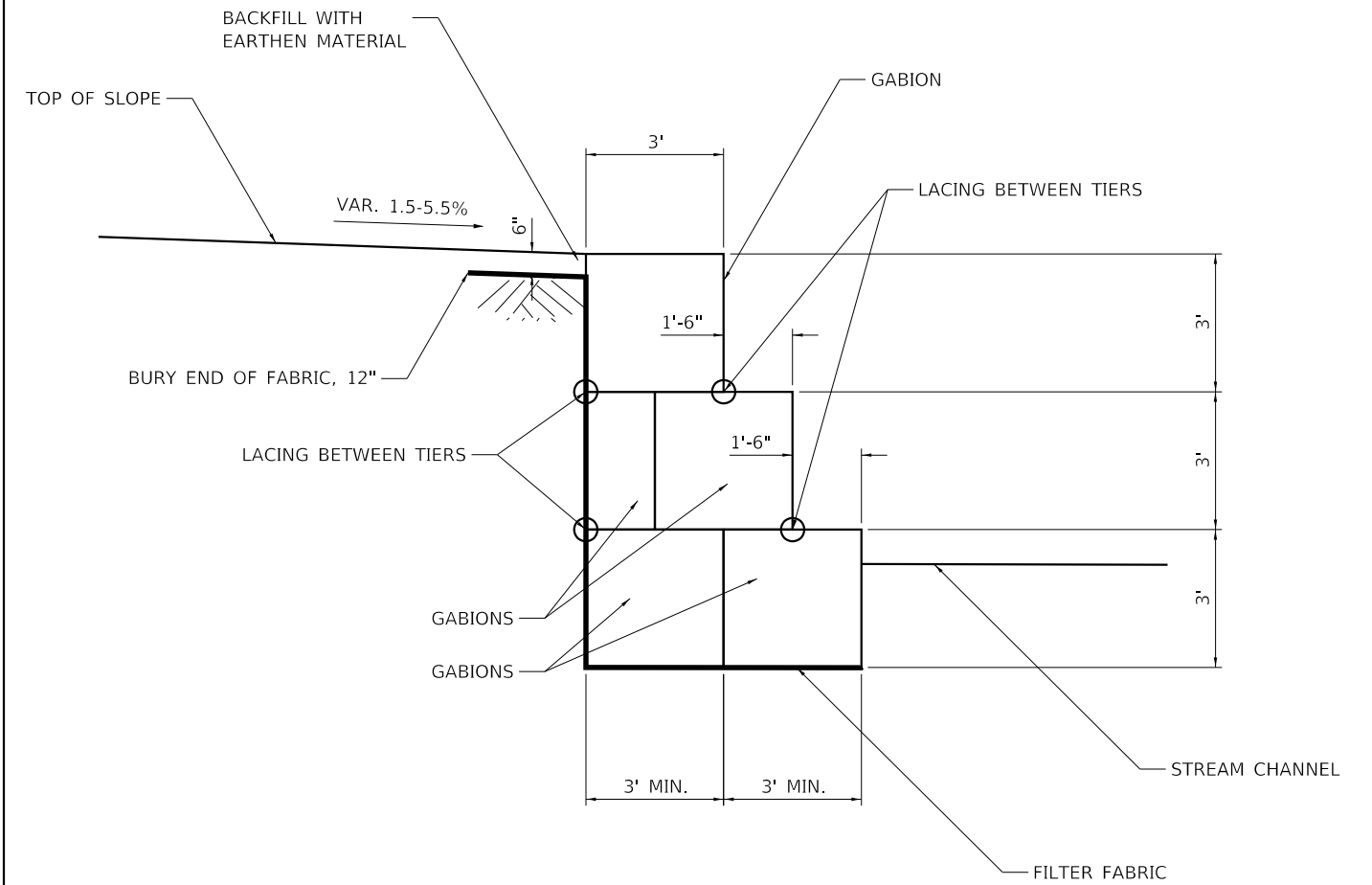
**1 BASKET HIGH**



**NOTES:**

1. BACKFILL WITH EARTHEN MATERIAL AS NEEDED. EXCAVATION PAID FOR AS CHANNEL EXCAVATION.

**3 BASKETS HIGH**



**NOTES:**

1. BASKETS WHICH ARE STACKED IN TIERS SHALL HAVE VERTICAL SEAMS STAGGERED FOR EACH ROW AND TIER.
2. BACKFILL WITH EARTHEN MATERIAL AS NEEDED. EXCAVATION PAID FOR AS CHANNEL EXCAVATION.

DIRECTORY  
USER NAME  
= L:\Plainfield\1602402400\_143rdDrawRoadway\CADD\_Sheets\  
= Zach, Edwards



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DESIGNED -	MJW
DRAWN -	AS
CHECKED -	MJW
DATE -	09/09/2023

REVISED -	
REVISED -	
REVISED -	
REVISED -	

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SOIL EROSION AND SEDIMENT CONTROL PLAN  
DETAILS

SCALE: 1"=2' SHEET 11 OF 11 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0380	06-00040-00-FP	WILL	943	402
CONTRACT NO. 61H34			ILLINOIS FED. AID PROJECT	

FOR INDEX OF SHEETS, SEE SHEET NO. 2

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
VOLUME 3 OF 4  
**PROPOSED  
HIGHWAY PLANS**

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0380	06-00040-00-FP	WILL	942	402
ILLINOIS CONTRACT NO. 61H34				

**TRAFFIC DATA**

**143RD STREET**  
DESIGN DESIGNATION: MINOR ARTERIAL  
CURRENT ADT (2018): 11,134 (18% TRUCKS)  
PROJECTED ADT (2050): 19,500 (17% TRUCKS)  
DESIGN SPEED: 45 MPH  
POSTED SPEED: 40-45 MPH

**ILLINOIS ROUTE 59**  
DESIGN DESIGNATION: PRINCIPAL ARTERIAL  
CURRENT ADT (2018): 38,063 (8% TRUCKS)  
PROJECTED ADT (2050): 41,750 (13% TRUCKS)  
DESIGN SPEED: 45  
POSTED SPEED: 45

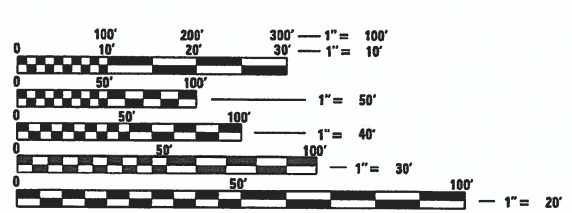
**NAPERVILLE ROAD**  
DESIGN DESIGNATION: COLLECTOR  
CURRENT ADT (2018): 6,312 (TRUCKS N/A)  
PROJECTED ADT (2050): 9,100 (TRUCKS N/A)  
DESIGN SPEED: 35  
POSTED SPEED: 35

**ILLINOIS ROUTE 126**  
DESIGN DESIGNATION: MINOR ARTERIAL  
CURRENT ADT (2018): 16,980 (11% TRUCKS)  
PROJECTED ADT (2050): 21,250 (6% TRUCKS)  
DESIGN SPEED: 45  
POSTED SPEED: 45-55

**FAU ROUTE 0380 (143RD ST)  
ILLINOIS ROUTE 59 TO ILLINOIS ROUTE 126  
NEW CONSTRUCTION  
SECTION NO.: 06-00040-00-FP  
PROJECT NO.: NI5S(589)  
WILL COUNTY  
C-91-431-08**



LOCATION OF SECTION INDICATED THIS: -



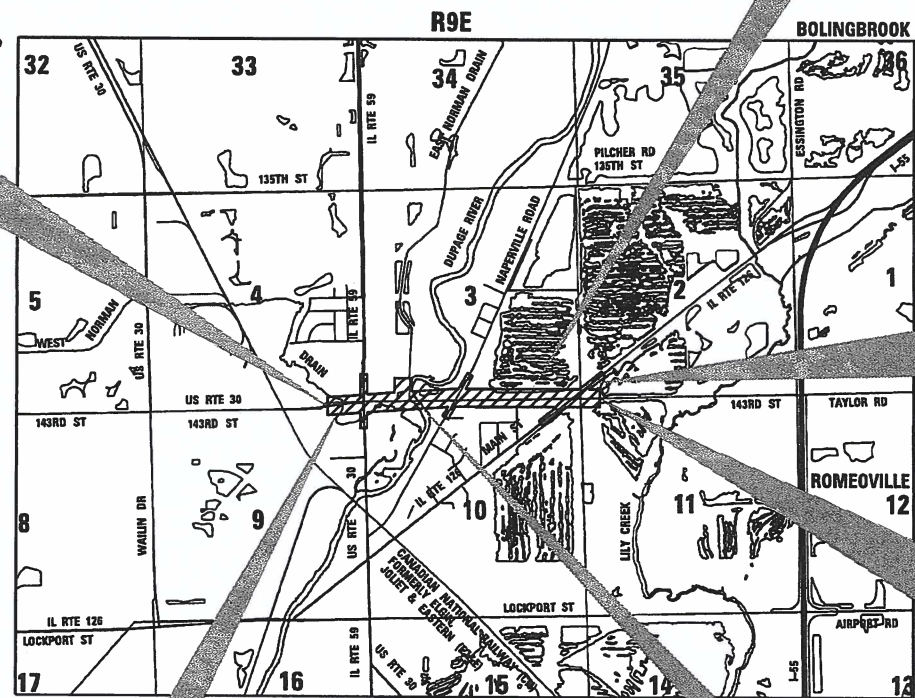
FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

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

**CMT**  
Crawford, Murphy & Tilly  
550 N Commons Dr., Suite 116  
Aurora, Illinois 60504  
P: 630.820.1022 | F: 630.820.0350  
www.cmtengr.com | Centered in Value  
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CONTRACT NO. 61H34

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**LOCATION MAP**  
NOT TO SCALE

EX 143RD ST CULVERT  
AT WEST NORMAN DRAIN  
PR BOX CULVERT EXTENSION  
STRUCTURE NO. 099-3364  
STA 510 + 90.75

EX IL 126 CULVERT  
PR BOX CULVERT EXTENSION  
STRUCTURE NO. 099-2010  
STA 41 + 79.17

143RD ST  
END IMPROVEMENT  
STA. 575 + 36.13

PR DUPAGE RIVER BRIDGE  
PR STRUCTURE  
NO. 099-6006  
STA 526 + 10.25 TO 535 + 60.24

143RD ST	GROSS LENGTH = 6,931.13 FT. = 1.313 MILE NET LENGTH = 6,931.13 FT. = 1.313 MILE	US RTE 30	GROSS LENGTH = 1,702.96 FT. = 0.323 MILE NET LENGTH = 1,702.96 FT. = 0.323 MILE
IL RTE 59	GROSS LENGTH = 1,391.04 FT. = 0.263 MILE NET LENGTH = 1,391.04 FT. = 0.263 MILE		
NAPERVILLE RD	GROSS LENGTH = 1,132.24 FT. = 0.214 MILE NET LENGTH = 1,132.24 FT. = 0.214 MILE		
IL RTE 126	GROSS LENGTH = 2,143.24 FT. = 0.406 MILE NET LENGTH = 2,143.24 FT. = 0.406 MILE		
GROSS LENGTH = 11,597.65 FT. = 2.197 MILE NET LENGTH = 11,597.65 FT. = 2.197 MILE			

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS

APPROVED *Scott Threewitt*  
Scott Threewitt  
VILLAGE OF PLAINFIELD, DIRECTOR OF PUBLIC WORKS

PASSED *FEB 22, 2024*  
*Cheryl*  
DISTRICT 1 ENGINEER OF LOCAL ROADS AND STREETS

RELEASING FOR BID  
BASED ON LIMITED  
REVIEW *2-23-2024*  
*Joe DeS IR*  
REGIONAL ENGINEER

PROFESSIONAL ENGINEER'S SIGNATURE & SEAL

**CMT**  
License No. 184-000613

*Charles M. Cole* 2/20/24  
CHARLES "TICE" COLE, P.E., PTOE DATE  
EXPIRES: 11 / 30 / 2025

SEAL  
CHARLES M. COLE  
062-059904  
STATE OF ILLINOIS

STRUCTURAL ENGINEER'S SIGNATURE & SEAL

**CMT**  
License No. 184-000613

*Joseph T. Heger* 2/20/24  
JOSEPH T. HEGER, P.E., S.E. DATE  
EXPIRES: 11 / 30 / 2024

SEAL  
JOSEPH T. HEGER  
081-008156  
STATE OF ILLINOIS

FEDERAL AID PROGRAM ENGINEER: CARMEN E. RAMOS, P.E., SCHAUMBURG, IL.

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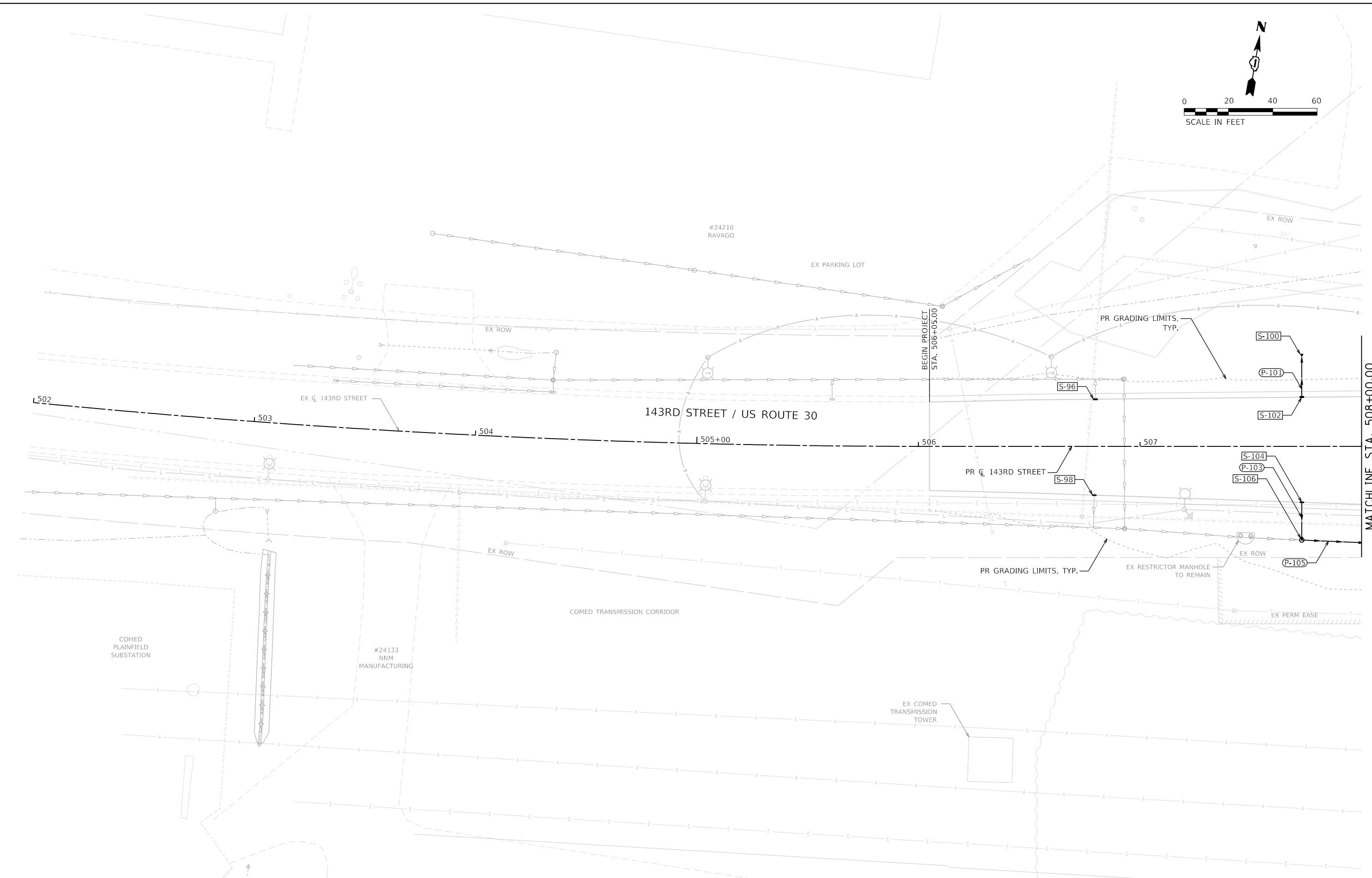
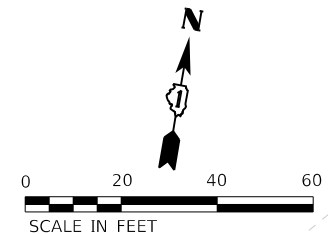
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

#### INDEX OF SHEETS AND HIGHWAY STANDARDS

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F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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CONTRACT NO. 61H34			ILLINOIS FED. AID PROJECT	





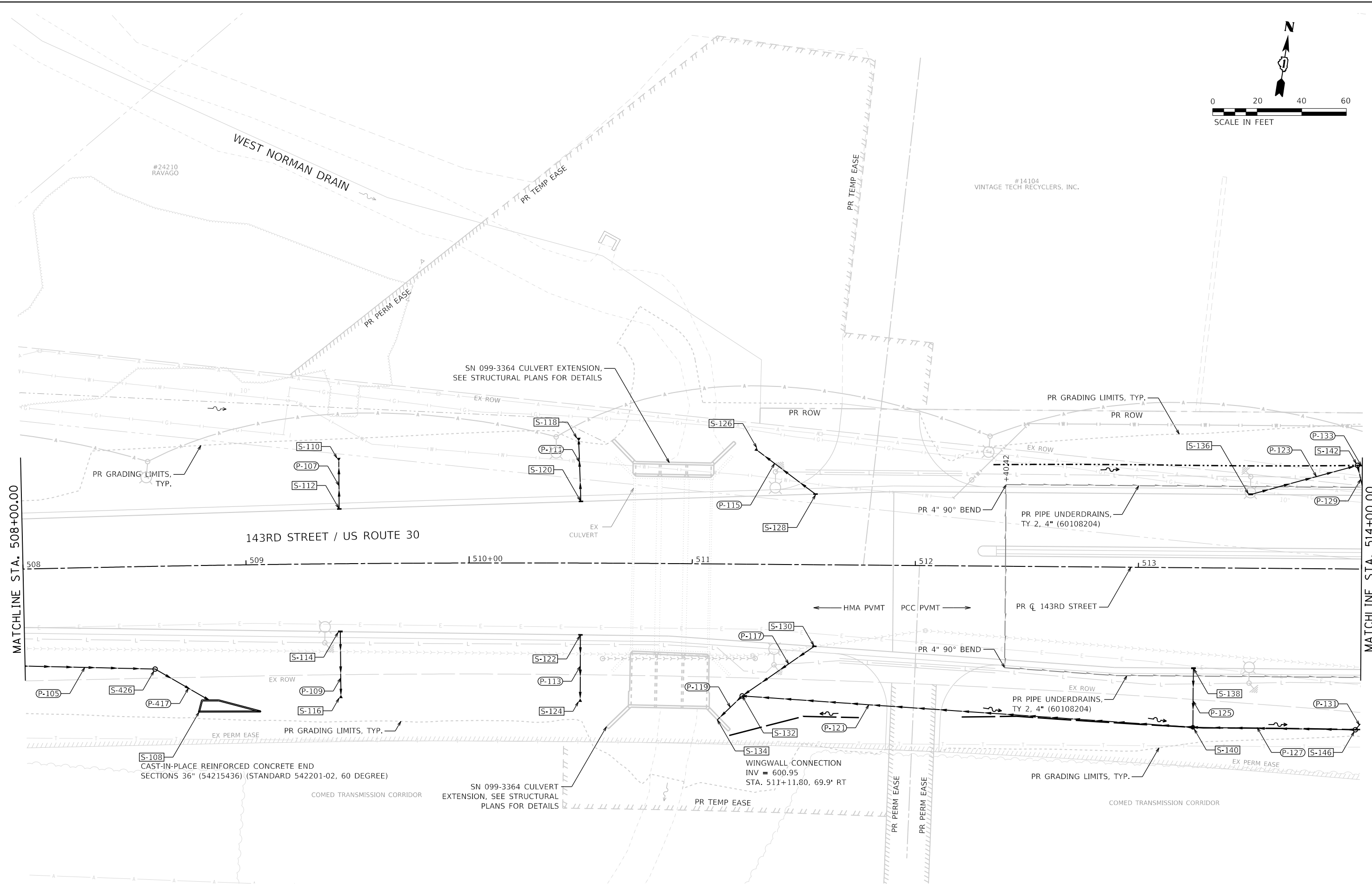
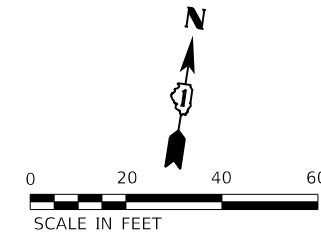
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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**DRAINAGE PLAN  
143RD STREET**

SCALE: 1"=20' SHEET 1 OF 24 SHEETS STA. 502+00 TO STA. 508+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0380	06-00040-00-FP	WILL	943	405
ILLINOIS FED. AID PROJECT			CONTRACT NO. 61H34	



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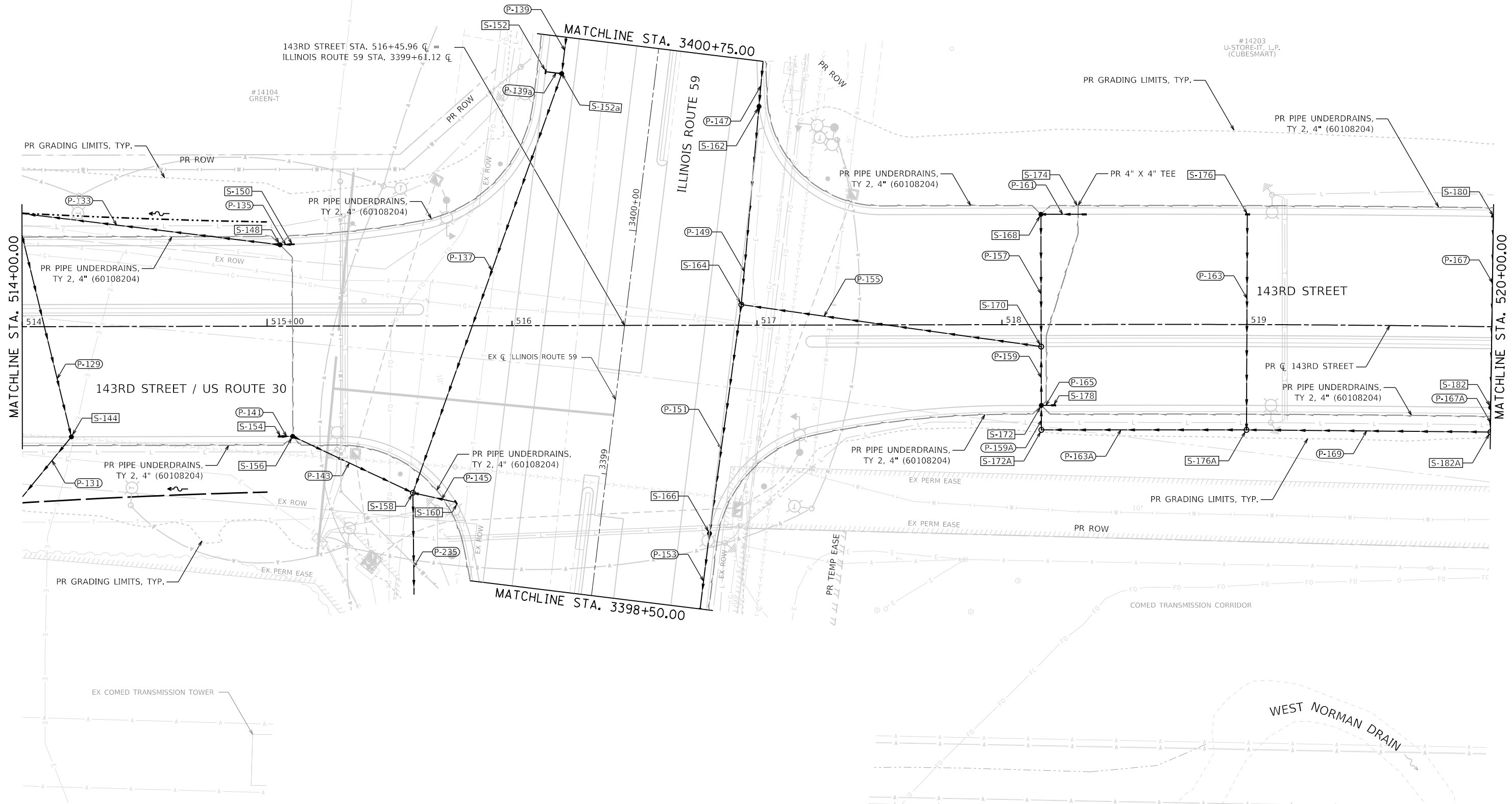
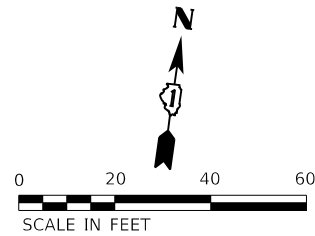
REVISED -  
REVISED -  
REVISED -  
REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

DRAINAGE PLAN  
143RD STREET

SCALE: 1"=20' SHEET 2 OF 24 SHEETS STA. 508+00 TO STA. 514+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0380	06-00040-00-FP	WILL	943	406
CONTRACT NO. 61H34				
ILLINOIS FED. AID PROJECT				



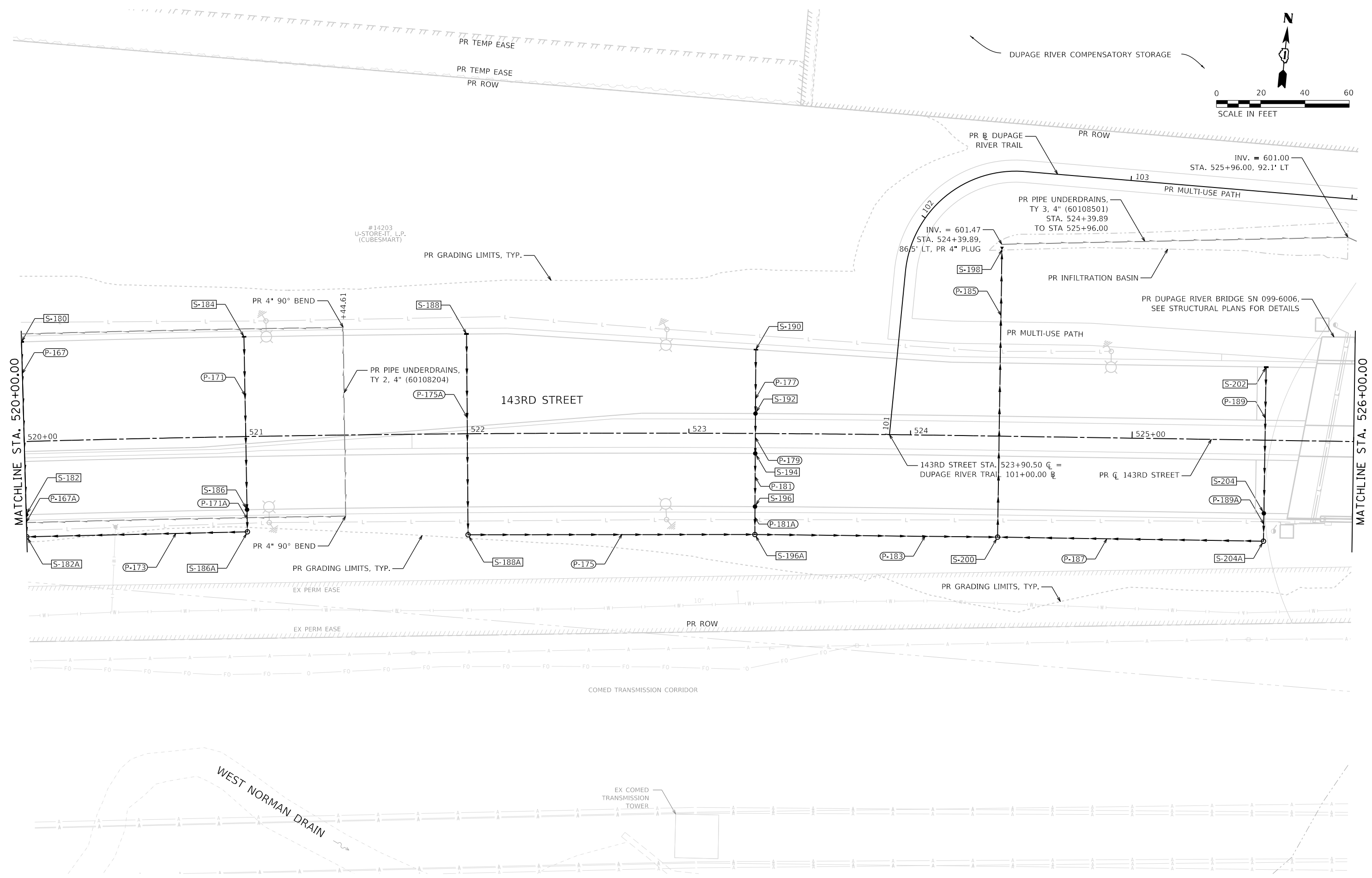
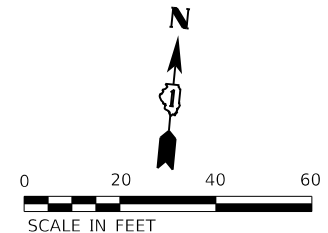
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PLOT DATE = 2/20/2024 (R:32:09 AM)	DATE - 09/29/2023	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

DRAINAGE PLAN  
143RD STREET

SCALE: 1"=20' SHEET 3 OF 24 SHEETS STA. 514+00 TO STA. 520+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0380	06-00040-00-FP	WILL	943	407
CONTRACT NO. 61H34				
ILLINOIS FED. AID PROJECT				



FILE NAME = sht-drainage-plan-04.dgn  
MODEL NAME = Default  
PLOT SCALE = 40,0000' / in.  
PLOT DATE = 2/20/2024 (R32:10 AM)

DESIGNED - CPD  
DRAWN - JJM  
CHECKED - CPD  
DATE - 09/29/2023

REVISED -  
REVISED -  
REVISED -  
REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

DRAINAGE PLAN  
143RD STREET

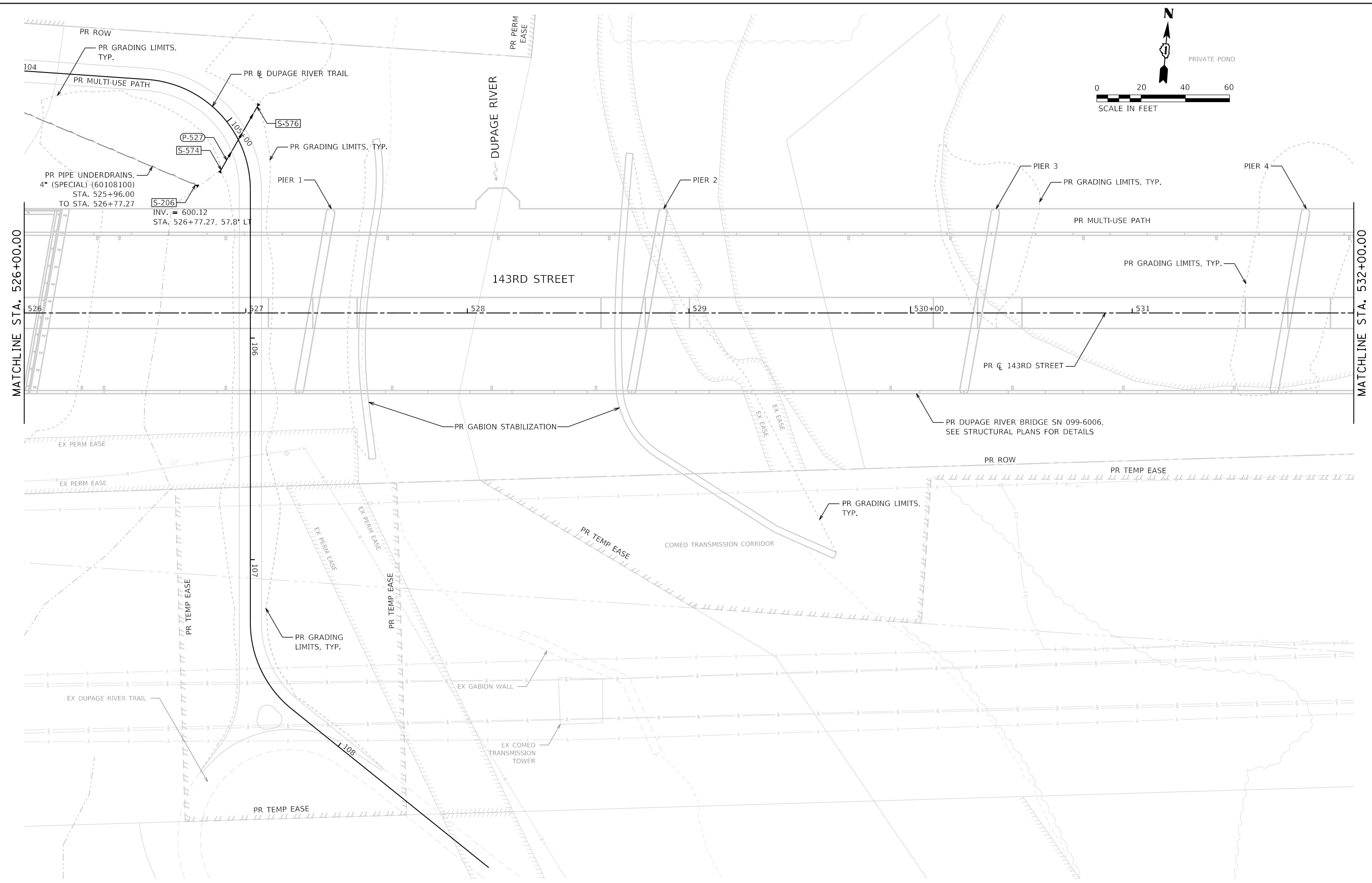
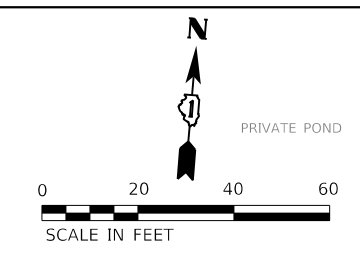
SCALE: 1"=20' SHEET 4 OF 24 SHEETS STA. 520+00 TO STA. 526+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0380	06-00040-00-FP	WILL	943	408
ILLINOIS FED. AID PROJECT			CONTRACT NO. 61H34	



PLOT DRIVER  
 PLOT DRIVER  
 PLOT DRIVER

FILE NAME = L:\P\160240240\_143rdDrawRoadway\CADD\_Sheets\...  
 USER NAME = Zach Edwards



FILE NAME = sht-drainge-plan-05.dgn  
 MODEL NAME = Default  
 PLOT SCALE = 40,0000' / in.  
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DESIGNED - CPD  
 DRAWN - JJM  
 CHECKED - CPD  
 DATE - 09/29/2023

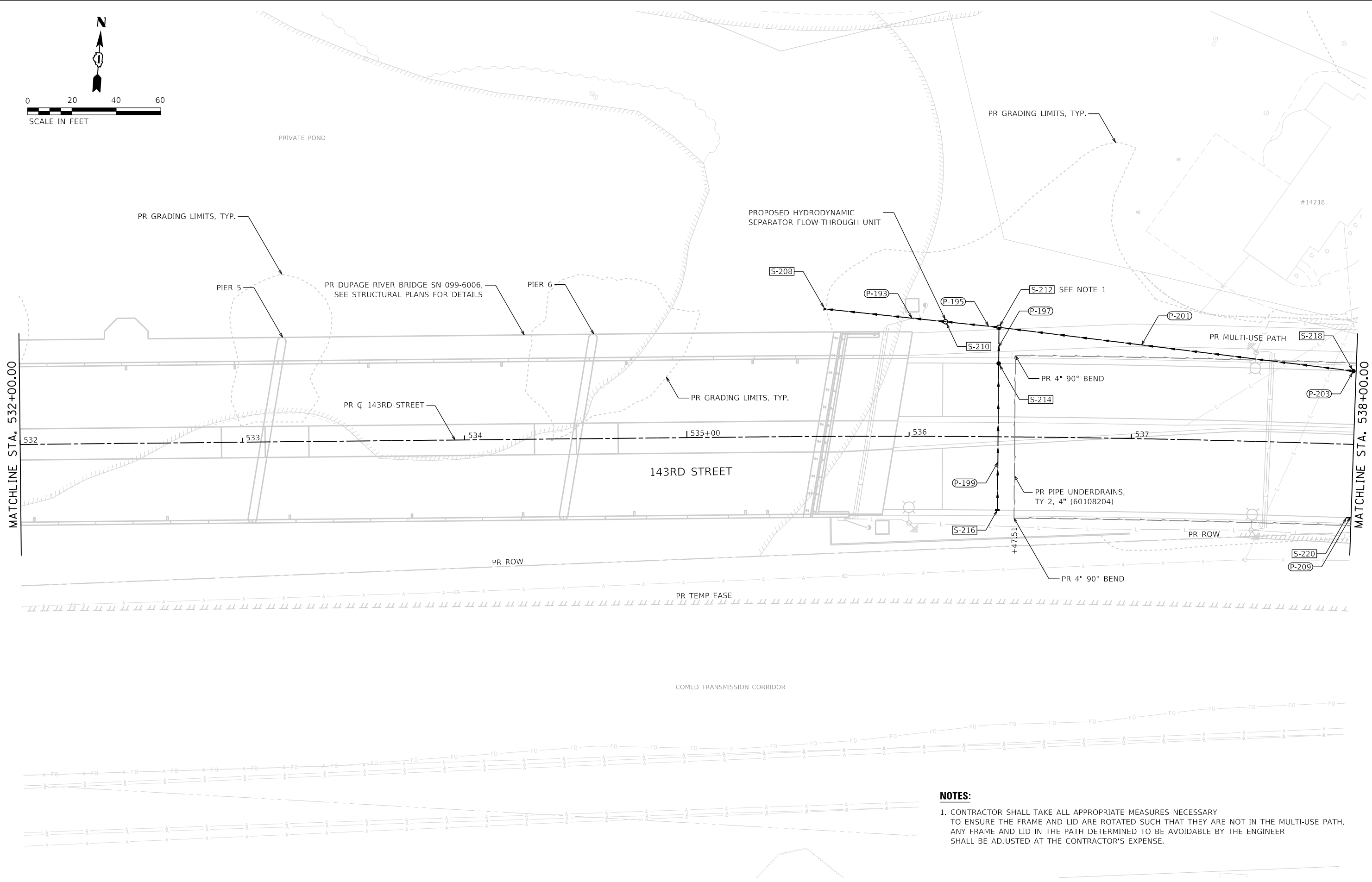
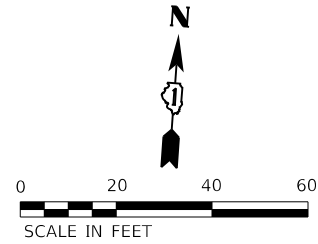
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 REVISED -  
 REVISED -  
 REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**DRAINAGE PLAN  
 143RD STREET**

SCALE: 1"=20' SHEET 5 OF 24 SHEETS STA. 526+00 TO STA. 532+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0380	06-00040-00-FP	WILL	943	409
				CONTRACT NO. 61H34
ILLINOIS FED. AID PROJECT				



**NOTES:**

1. CONTRACTOR SHALL TAKE ALL APPROPRIATE MEASURES NECESSARY TO ENSURE THE FRAME AND LID ARE ROTATED SUCH THAT THEY ARE NOT IN THE MULTI-USE PATH. ANY FRAME AND LID IN THE PATH DETERMINED TO BE AVOIDABLE BY THE ENGINEER SHALL BE ADJUSTED AT THE CONTRACTOR'S EXPENSE.



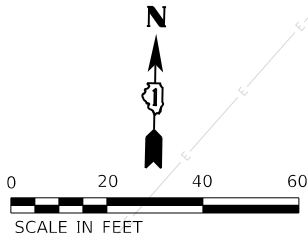
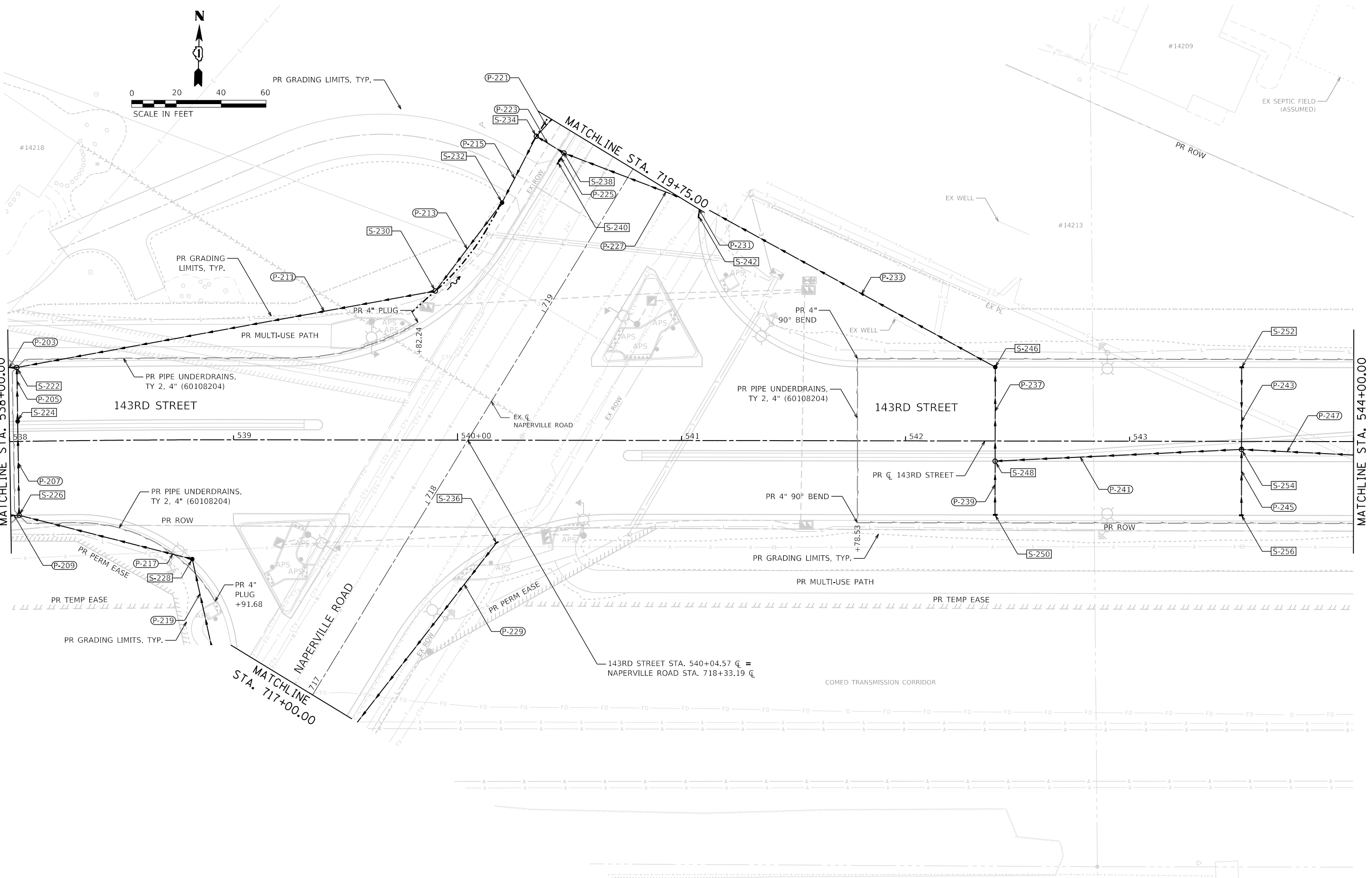
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PLOT DATE = 2/20/2024 (R32:12 AM)	DATE - 09/29/2023	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**DRAINAGE PLAN  
143RD STREET**

SCALE: 1"=20' SHEET 6 OF 24 SHEETS STA. 532+00 TO STA. 538+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0380	06-00040-00-FP	WILL	943	410
CONTRACT NO. 61H34			ILLINOIS FED. AID PROJECT	



MATCHLINE STA. 538+00.00

MATCHLINE STA. 544+00.00

MATCHLINE STA. 717+00.00

MATCHLINE STA. 719+75.00

538  
539

540+00

541

542

543

143RD STREET

143RD STREET

NAPERVILLE ROAD

143RD STREET STA. 540+04.57 CL =  
NAPERVILLE ROAD STA. 718+33.19 CL

COMED TRANSMISSION CORRIDOR



FILE NAME = sht-drainage-plan-07.dgn  
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PLOT DATE = 2/20/2024 (R32:14 AM)

DESIGNED - CPD  
DRAWN - JJM  
CHECKED - CPD  
DATE - 09/29/2023

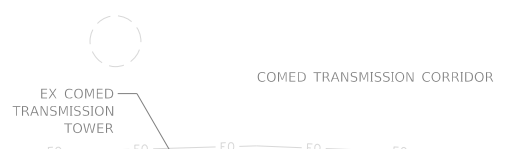
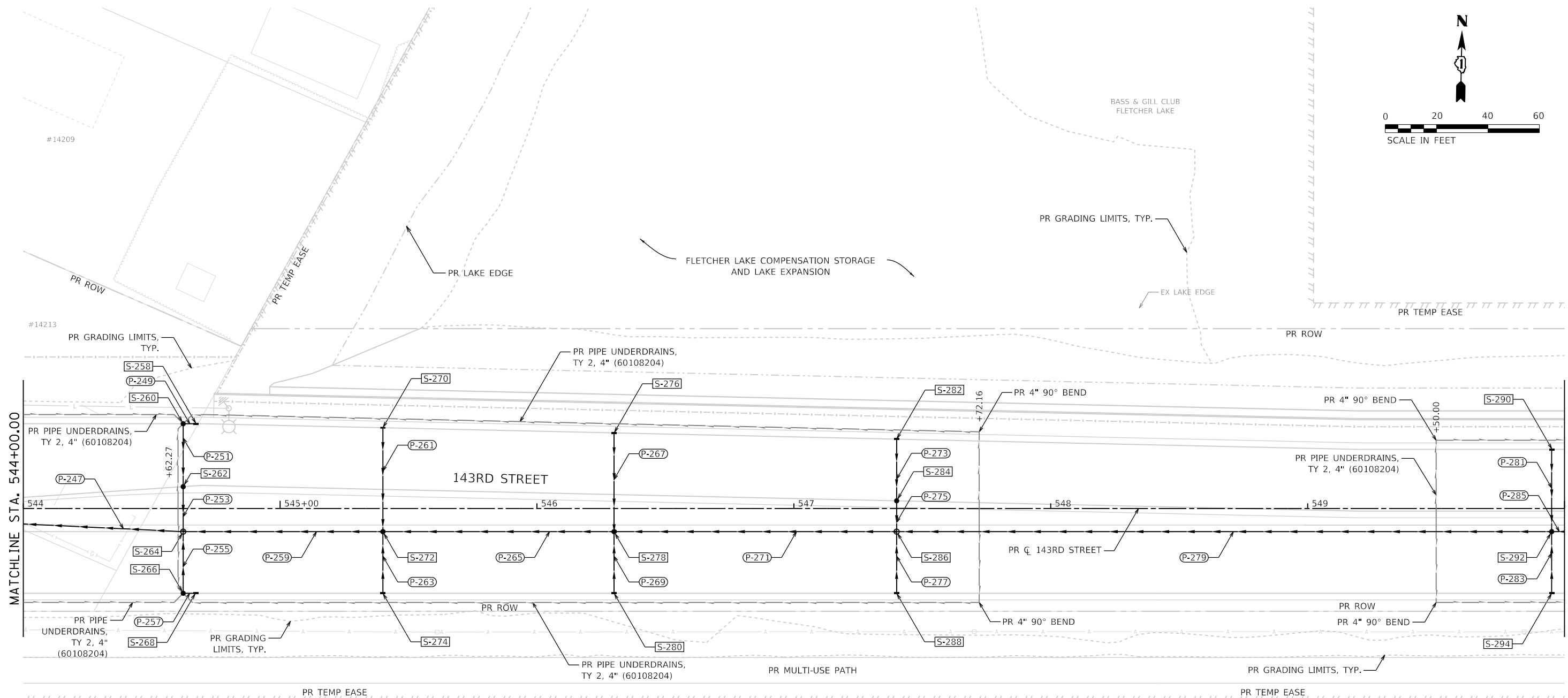
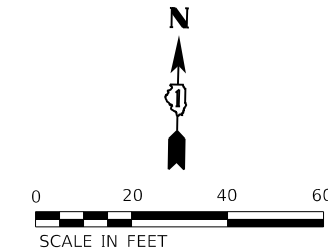
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REVISED -  
REVISED -  
REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

DRAINAGE PLAN  
143RD STREET

SCALE: 1"=20' SHEET 7 OF 24 SHEETS STA. 538+00 TO STA. 544+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0380	06-00040-00-FP	WILL	943	411
CONTRACT NO. 61H34			ILLINOIS FED. AID PROJECT	



**NOTES:**

- CONTRACTOR SHALL COORDINATE VERTICAL PLACEMENT OF UNDERDRAIN WITH MSE RETAINING WALL SOIL REINFORCEMENT STRAPS TO AVOID CONFLICTS. SEE STRUCTURE 099-W028 PLANS.



FILE NAME = sht-drainage-plan-08.dgn	DESIGNED - CPD	REVISED -
MODEL NAME = Default	DRAWN - JJM	REVISED -
PLOT SCALE = 40,0000' / 1in.	CHECKED - CPD	REVISED -
PLOT DATE = 2/20/2024 (R32:15 AM)	DATE - 09/29/2023	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

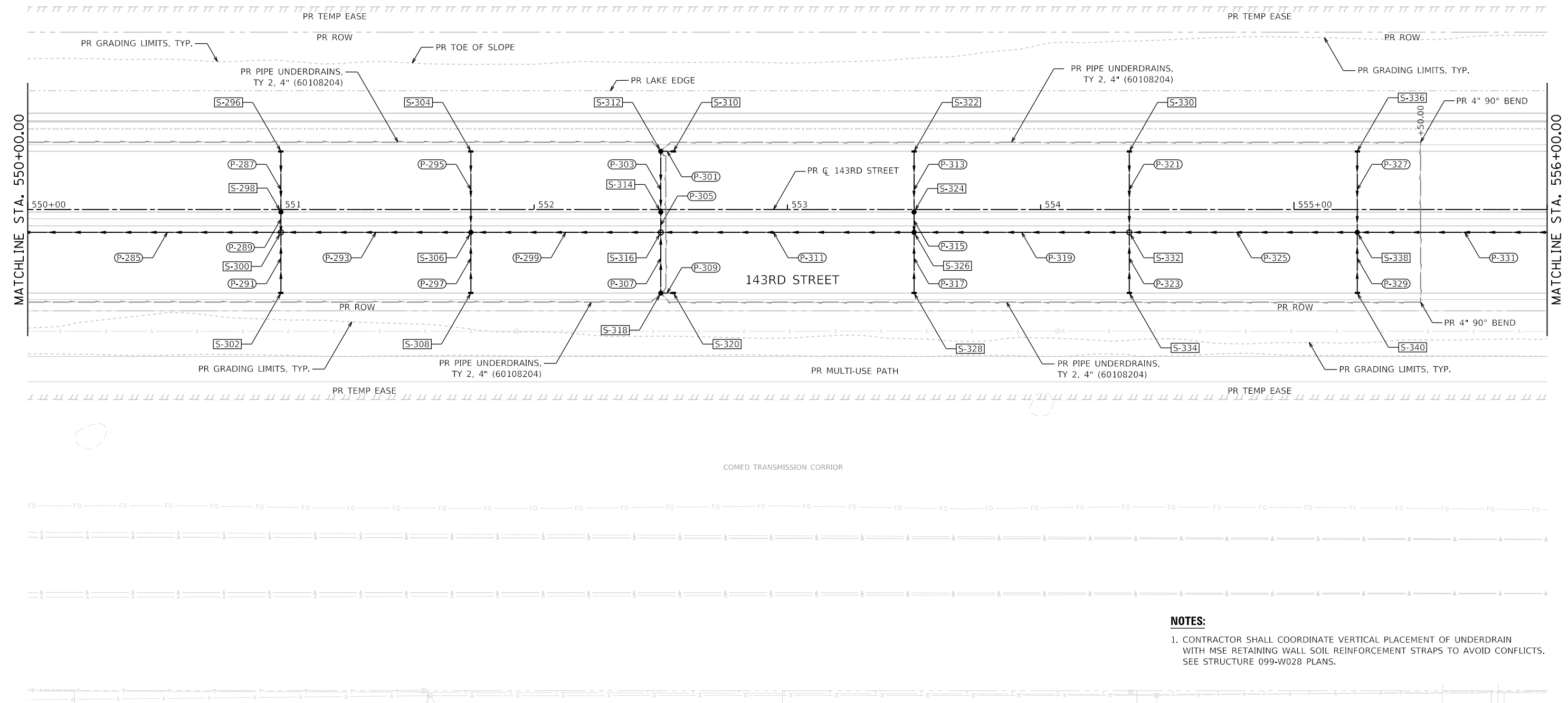
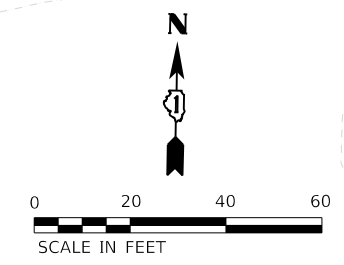
**DRAINAGE PLAN  
143RD STREET**

SCALE: 1"=20' SHEET 8 OF 24 SHEETS STA. 544+00 TO STA. 550+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0380	06-00040-00-FP	WILL	943	412
ILLINOIS FED. AID PROJECT			CONTRACT NO. 61H34	



BASS & GILL CLUB  
FLETCHER LAKE



**NOTES:**

- CONTRACTOR SHALL COORDINATE VERTICAL PLACEMENT OF UNDERDRAIN WITH MSE RETAINING WALL SOIL REINFORCEMENT STRAPS TO AVOID CONFLICTS. SEE STRUCTURE 099-W028 PLANS.



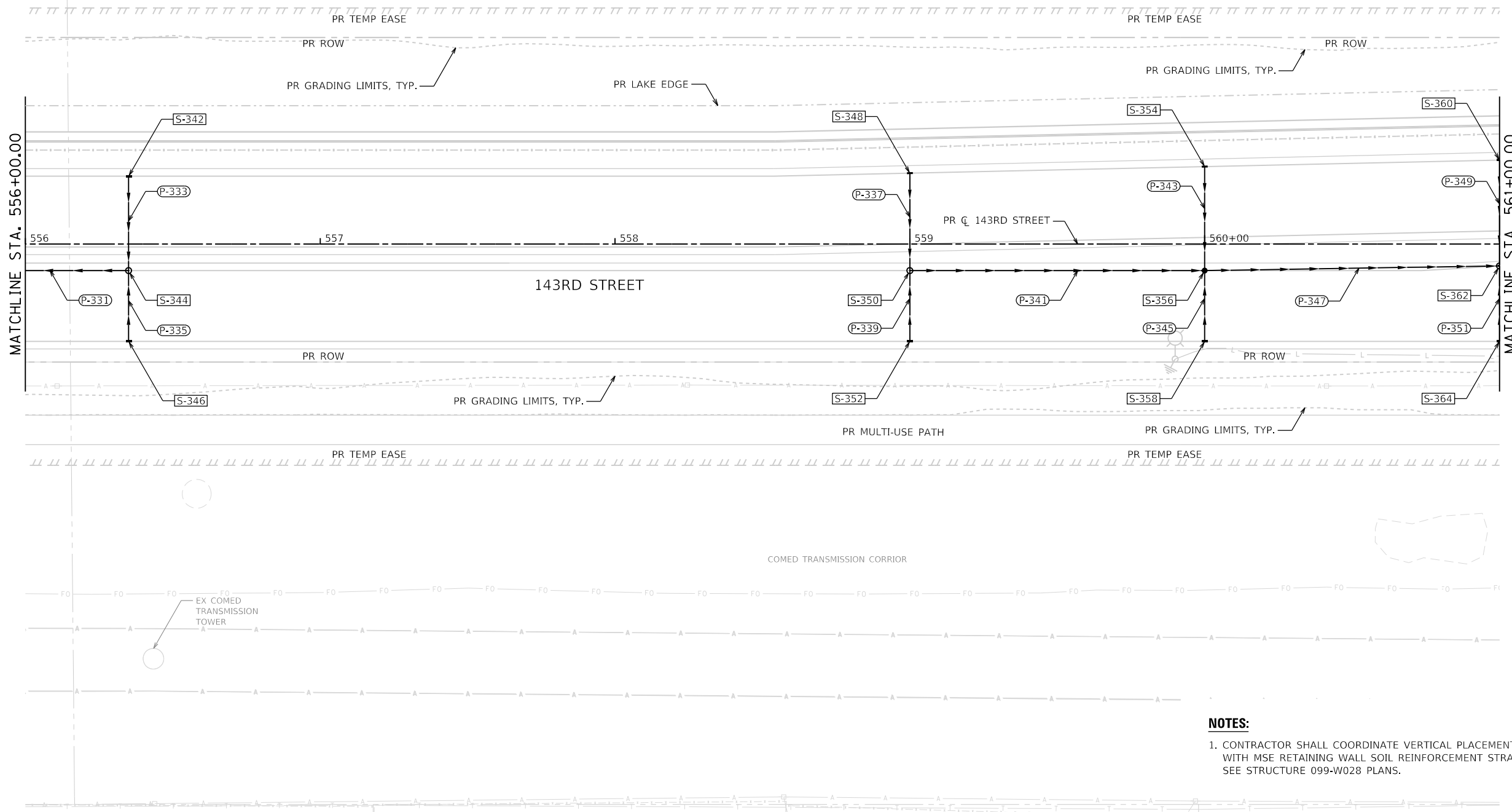
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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

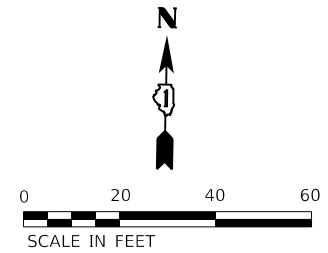
**DRAINAGE PLAN  
143RD STREET**

SCALE: 1"=20' SHEET 9 OF 24 SHEETS STA. 550+00 TO STA. 556+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0380	06-00040-00-FP	WILL	943	413
ILLINOIS FED. AID PROJECT			CONTRACT NO. 61H34	



BASS & GILL CLUB  
FLETCHER LAKE



**NOTES:**

- CONTRACTOR SHALL COORDINATE VERTICAL PLACEMENT OF UNDERDRAIN WITH MSE RETAINING WALL SOIL REINFORCEMENT STRAPS TO AVOID CONFLICTS. SEE STRUCTURE 099-W028 PLANS.

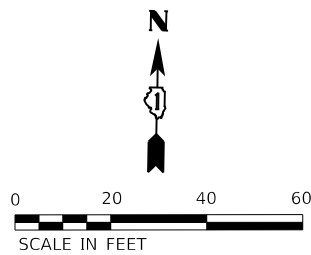
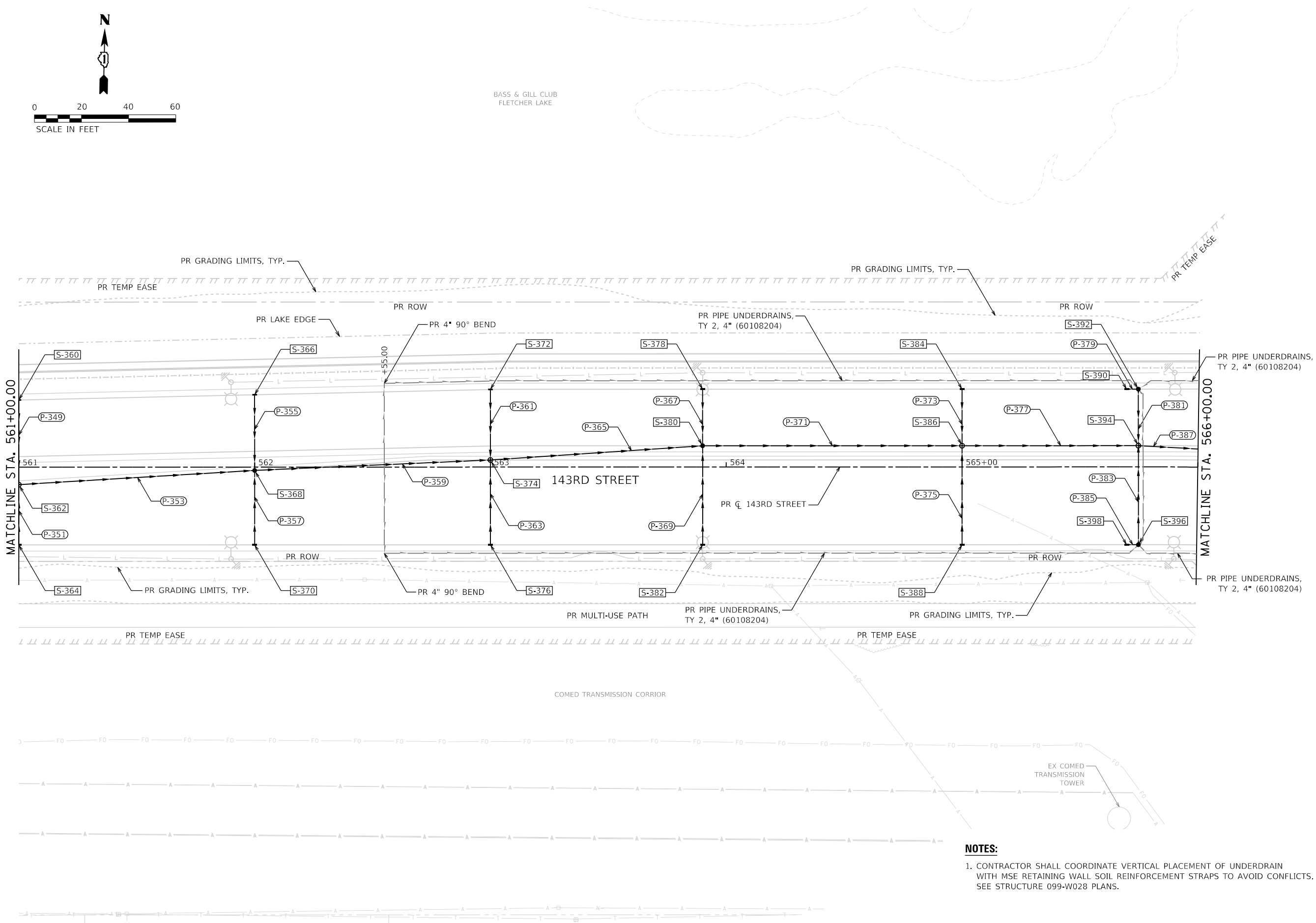
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MODEL NAME = Default	DRAWN - JJM	REVISED -
PLOT SCALE = 40,0000' / in.	CHECKED - CPD	REVISED -
PLOT DATE = 2/20/2024 (R32:18 AM)	DATE - 09/29/2023	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**DRAINAGE PLAN  
143RD STREET**

SCALE: 1"=20' SHEET 10 OF 24 SHEETS STA. 556+00 TO STA. 561+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0380	06-00040-00-FP	WILL	943	414
CONTRACT NO. 61H34			ILLINOIS FED. AID PROJECT	



- NOTES:**
- CONTRACTOR SHALL COORDINATE VERTICAL PLACEMENT OF UNDERDRAIN WITH MSE RETAINING WALL SOIL REINFORCEMENT STRAPS TO AVOID CONFLICTS. SEE STRUCTURE 099-W028 PLANS.

FILE NAME = sht-drainage-plan-11.dgn	DESIGNED - CPD	REVISED -
MODEL NAME = Default	DRAWN - JJM	REVISED -
PLOT SCALE = 40,0000' / in.	CHECKED - CPD	REVISED -
PLOT DATE = 2/20/2024 (R32:19 AM)	DATE - 09/29/2023	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**DRAINAGE PLAN  
143RD STREET**

SCALE: 1"=20' SHEET 11 OF 24 SHEETS STA. 561+00 TO STA. 566+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0380	06-00040-00-FP	WILL	943	415
CONTRACT NO. 61H34			ILLINOIS FED. AID PROJECT	

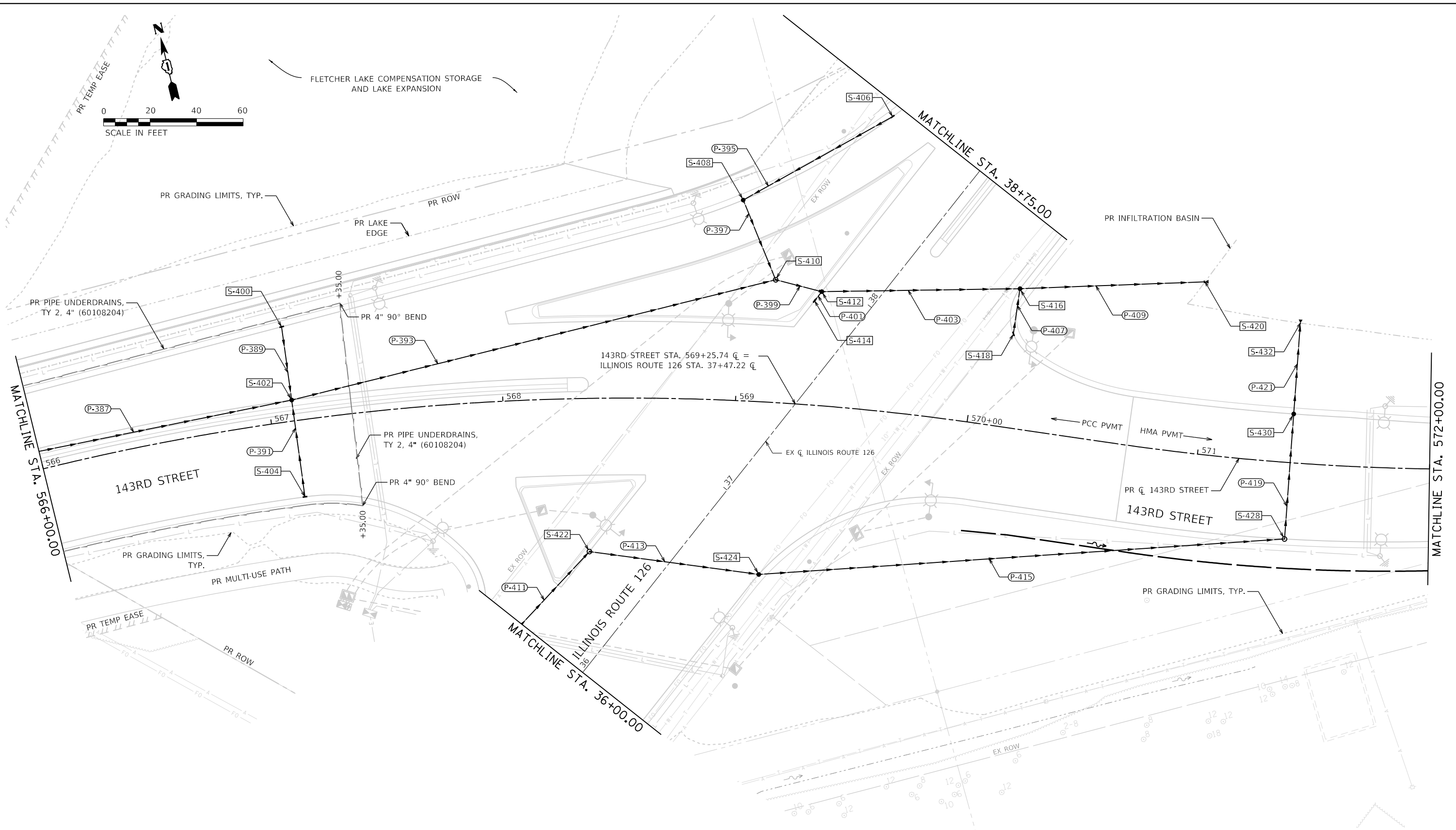
PLOT DRIVER  
 PLOT DRIVER  
 PLOT DRIVER

DIRECTORY = L:\P\160240240\_143rdDrawRoadway\CADD\_Sheets...  
 USER NAME = Zach, Edwards



PR GRADING LIMITS, TYP.

FLETCHER LAKE COMPENSATION STORAGE AND LAKE EXPANSION



**NOTES:**

- CONTRACTOR SHALL COORDINATE VERTICAL PLACEMENT OF UNDERDRAIN WITH MSE RETAINING WALL SOIL REINFORCEMENT STRAPS TO AVOID CONFLICTS. SEE STRUCTURE 099-W028 PLANS.



FILE NAME = sht-drainage-plan-12.dgn  
 MODEL NAME = Default  
 PLOT SCALE = 40,0000' / 1" = 40,000' / 1"  
 PLOT DATE = 2/20/2024 (R32:20 AM)

DESIGNED - CPD  
 DRAWN - JJM  
 CHECKED - CPD  
 DATE - 09/29/2023

REVISED -  
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 REVISED -

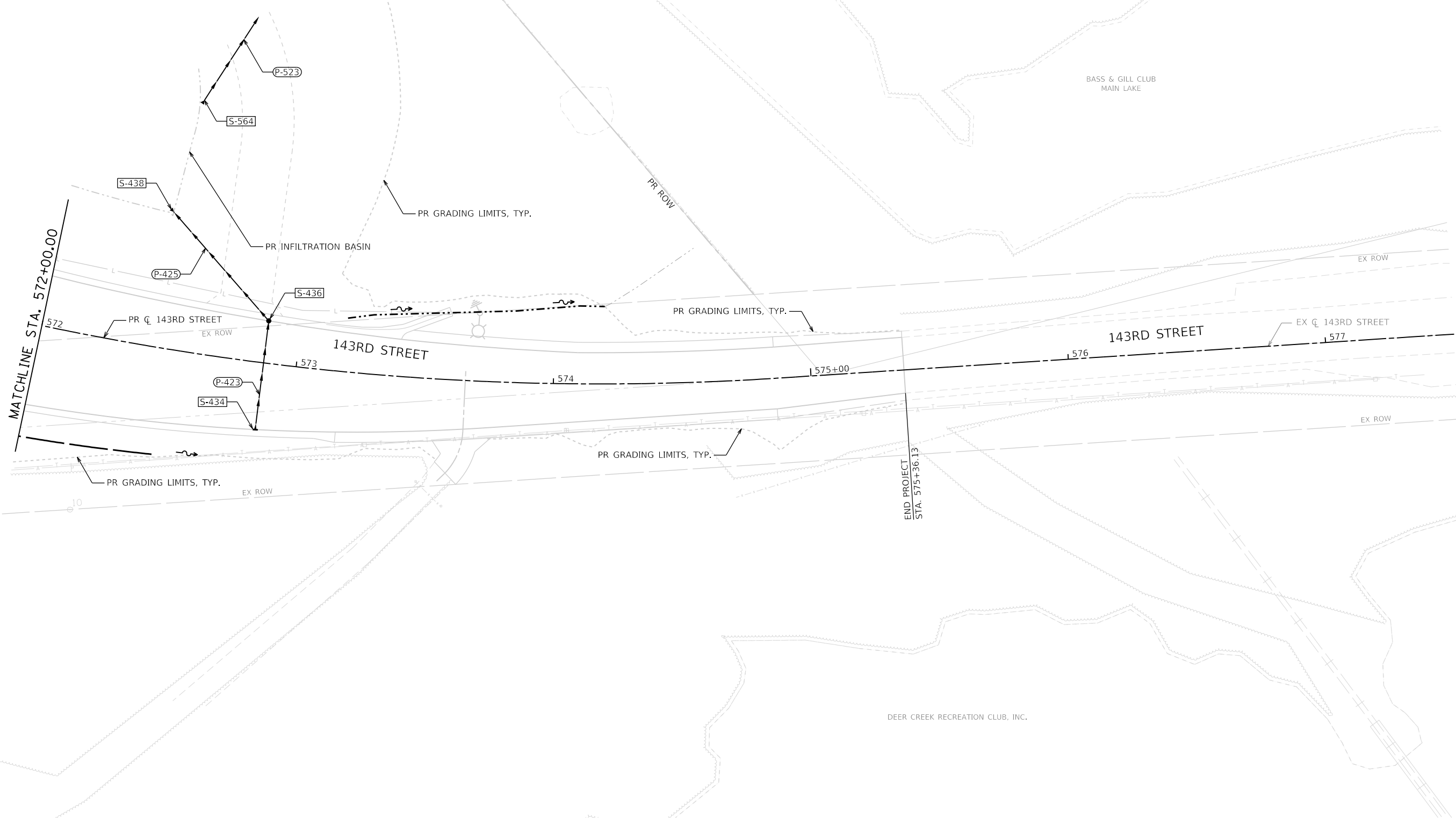
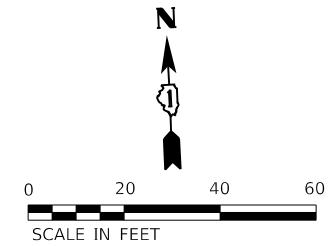
**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**DRAINAGE PLAN  
 143RD STREET**

SCALE: 1"=20' SHEET 12 OF 24 SHEETS STA. 566+00 TO STA. 572+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0380	06-00040-00-FP	WILL	943	416
CONTRACT NO. 61H34				
ILLINOIS FED. AID PROJECT				





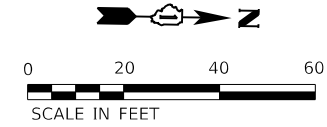
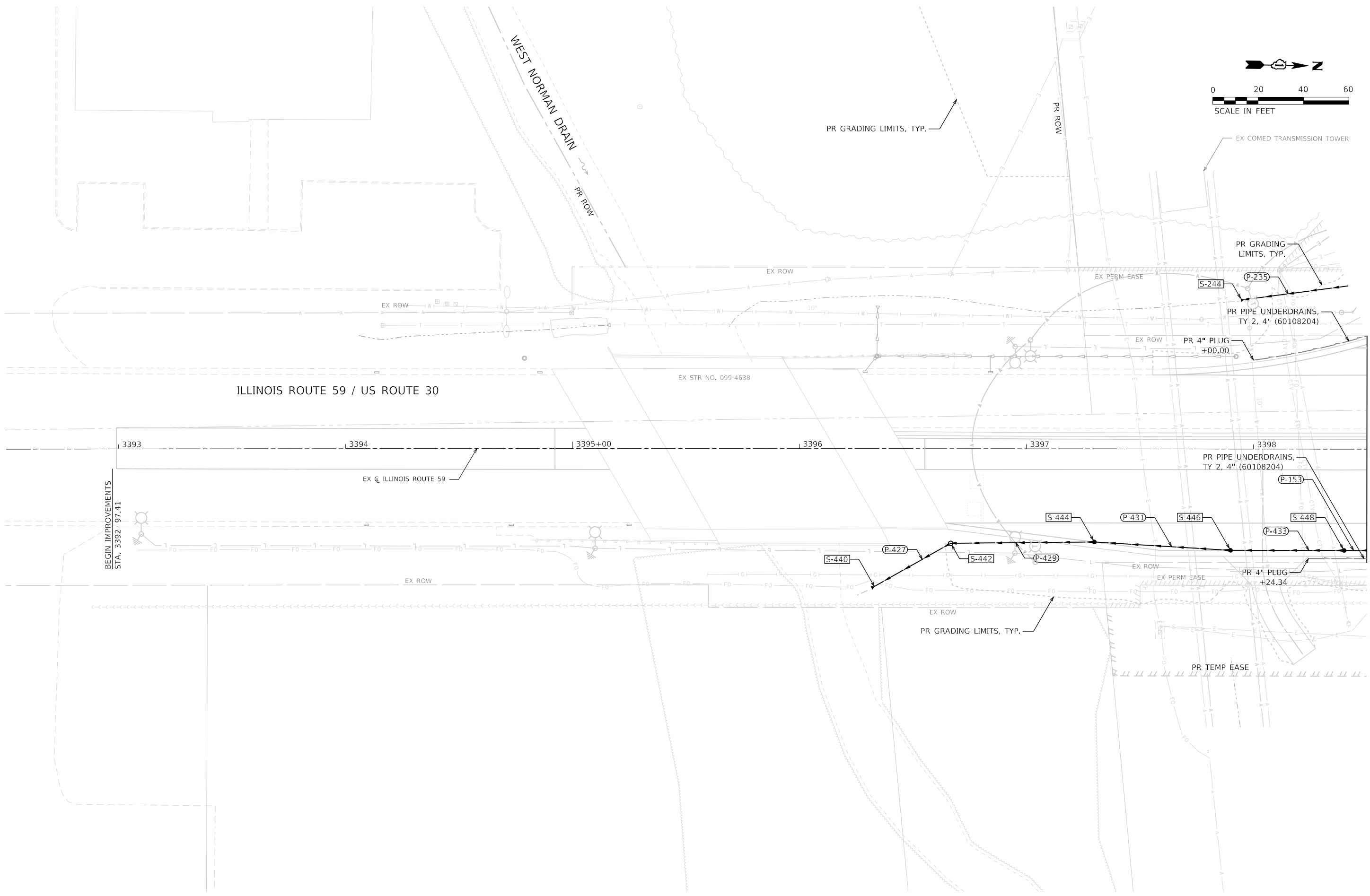
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MODEL NAME = Default	DRAWN - JJM	REVISED -
PLOT SCALE = 40,0000' / in.	CHECKED - CPD	REVISED -
PLOT DATE = 2/20/2024 (R:32:22 AM)	DATE - 09/29/2023	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**DRAINAGE PLAN  
143RD STREET**

SCALE: 1"=20' SHEET 13 OF 24 SHEETS STA. 572+00 TO STA. 577+50

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0380	06-00040-00-FP	WILL	943	417
ILLINOIS FED. AID PROJECT			CONTRACT NO. 61H34	



BEGIN IMPROVEMENTS  
STA. 3392+97.41

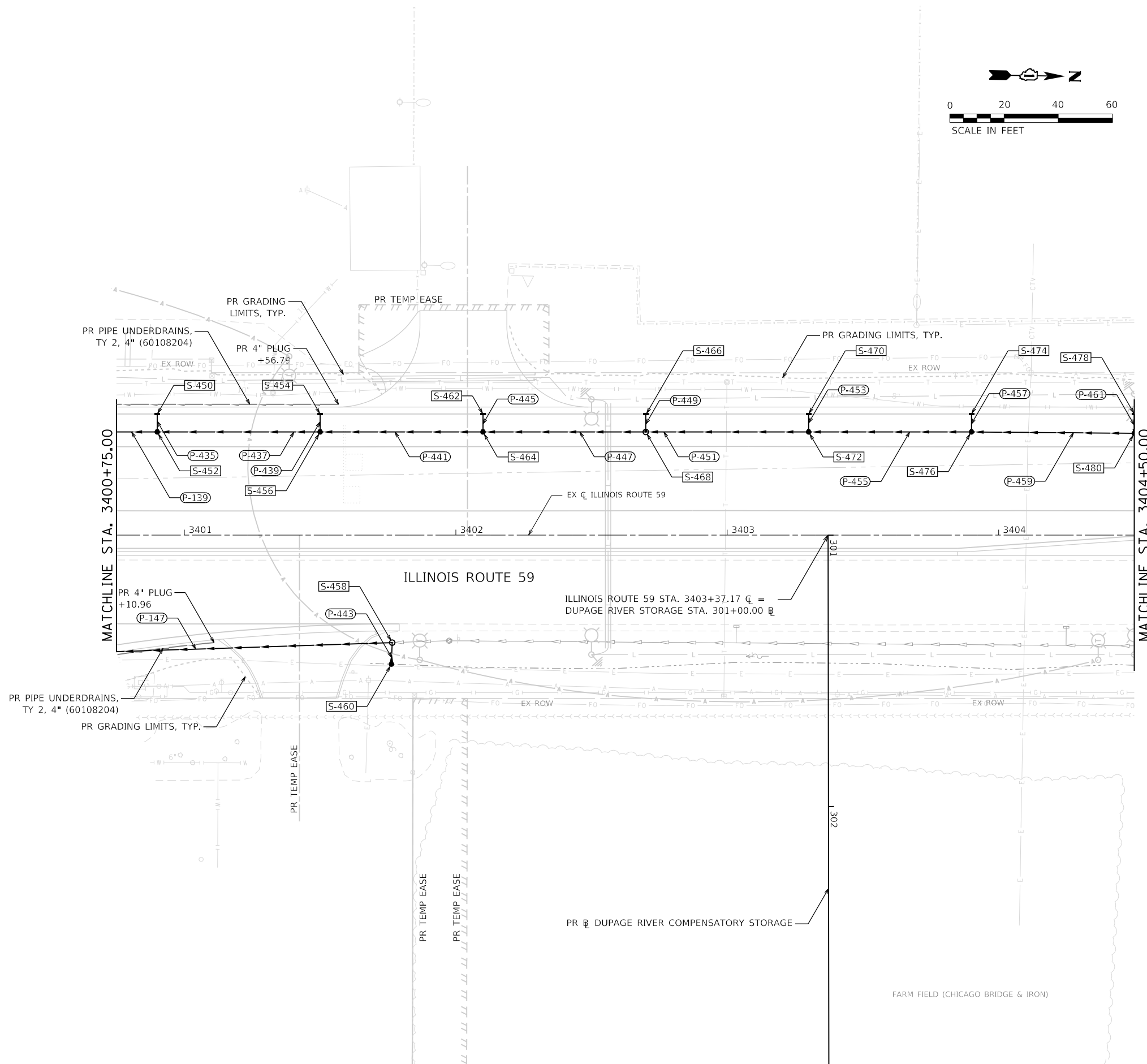
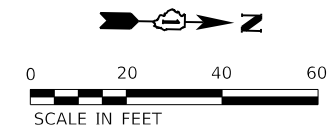
MATCHLINE STA. 3398+50.00

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	PLOT DATE = 2/20/2024 (R32:24 AM)	DATE - 09/29/2023	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>DRAINAGE PLAN ILLINOIS ROUTE 59</b>			
SCALE: 1"=20'	SHEET 14	OF 24 SHEETS	STA. 3392+50 TO STA. 3398+50

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0380	06-00040-00-FP	WILL	943	418
CONTRACT NO. 61H34			ILLINOIS FED. AID PROJECT	



FILE NAME = sht-drainage-plan-15.dgn
MODEL NAME = Default
PLOT SCALE = 40,0000' / in.
PLOT DATE = 2/20/2024 (R32:25 AM)

DESIGNED - CPD	REVISED -
DRAWN - JJM	REVISED -
CHECKED - CPD	REVISED -
DATE - 09/29/2023	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

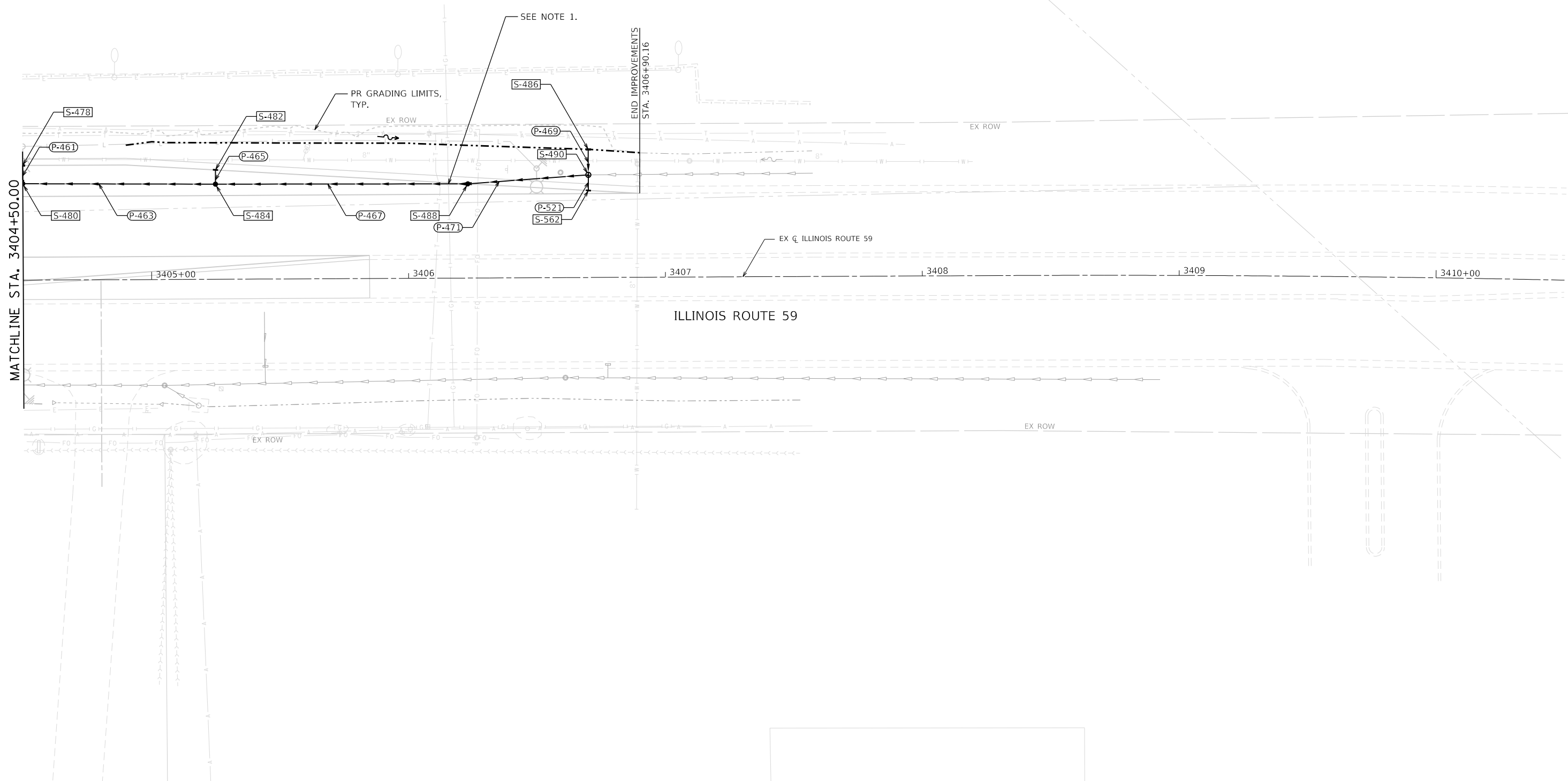
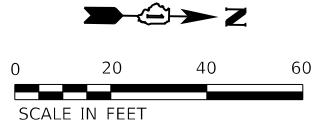
**DRAINAGE PLAN  
ILLINOIS ROUTE 59**

SCALE: 1"=20' SHEET 15 OF 24 SHEETS STA. 3400+75 TO STA. 3404+50

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0380	06-00040-00-FP	WILL	943	419
CONTRACT NO. 61H34				
ILLINOIS FED. AID PROJECT				

**NOTES:**

- CHECK SERVICE DEPTH OF GAS LINE AT STA. 3406+15.68. THE 30" PROPOSED STORM SEWER INVERT IS 607.97. IF ISSUES OCCUR DURING CONSTRUCTION, PLEASE CALL (888) 642-6748. THE NICOR GAS CONSTRUCTION SUPERINTENDENT FOR THIS PROJECT IS PATRICIO MUNOZ, WHO CAN BE REACHED AT (815) 272-9269.



FILE NAME = sht-drainage-plan-16.dgn  
MODEL NAME = Default  
PLOT SCALE = 40,0000' / 1in.  
PLOT DATE = 2/20/2024 (R:32:26 AM)

DESIGNED - CPD  
DRAWN - JJM  
CHECKED - CPD  
DATE - 09/29/2023

REVISED -  
REVISED -  
REVISED -  
REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**DRAINAGE PLAN  
ILLINOIS ROUTE 59**

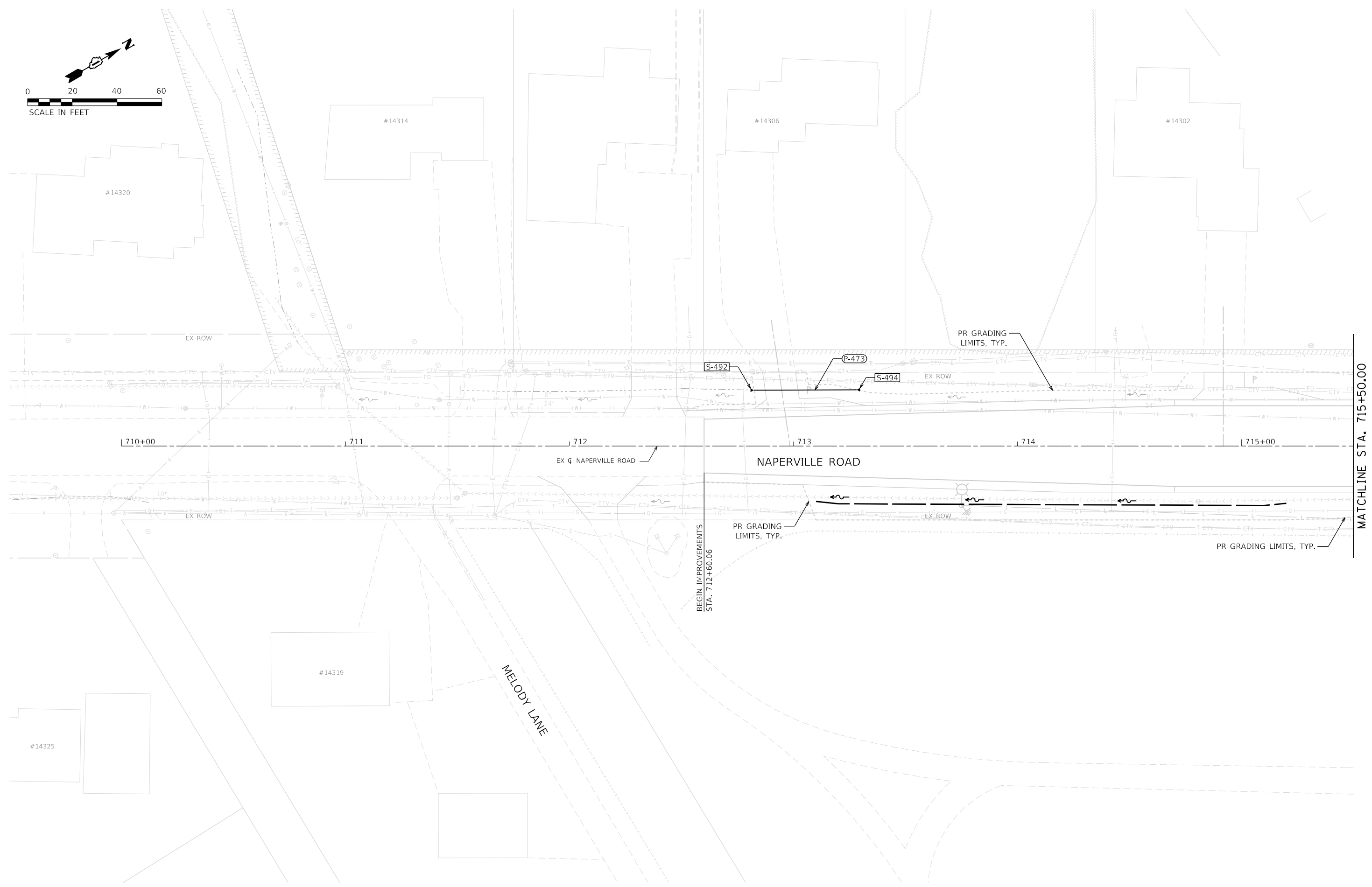
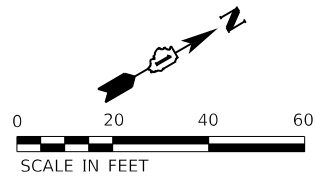
SCALE: 1"=20' SHEET 16 OF 24 SHEETS STA. 3404+50 TO STA. 3410+50

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0380	06-00040-00-FP	WILL	943	420
CONTRACT NO.			61H34	
ILLINOIS FED. AID PROJECT				



PEN TABLE  
PLOT DRIVER

DIRECTORY = L:\P\160240240\_143rdDrewRoadway\CADD\_Sheets\  
USER NAME = Zach, Echerds



MATCHLINE STA. 715+50.00

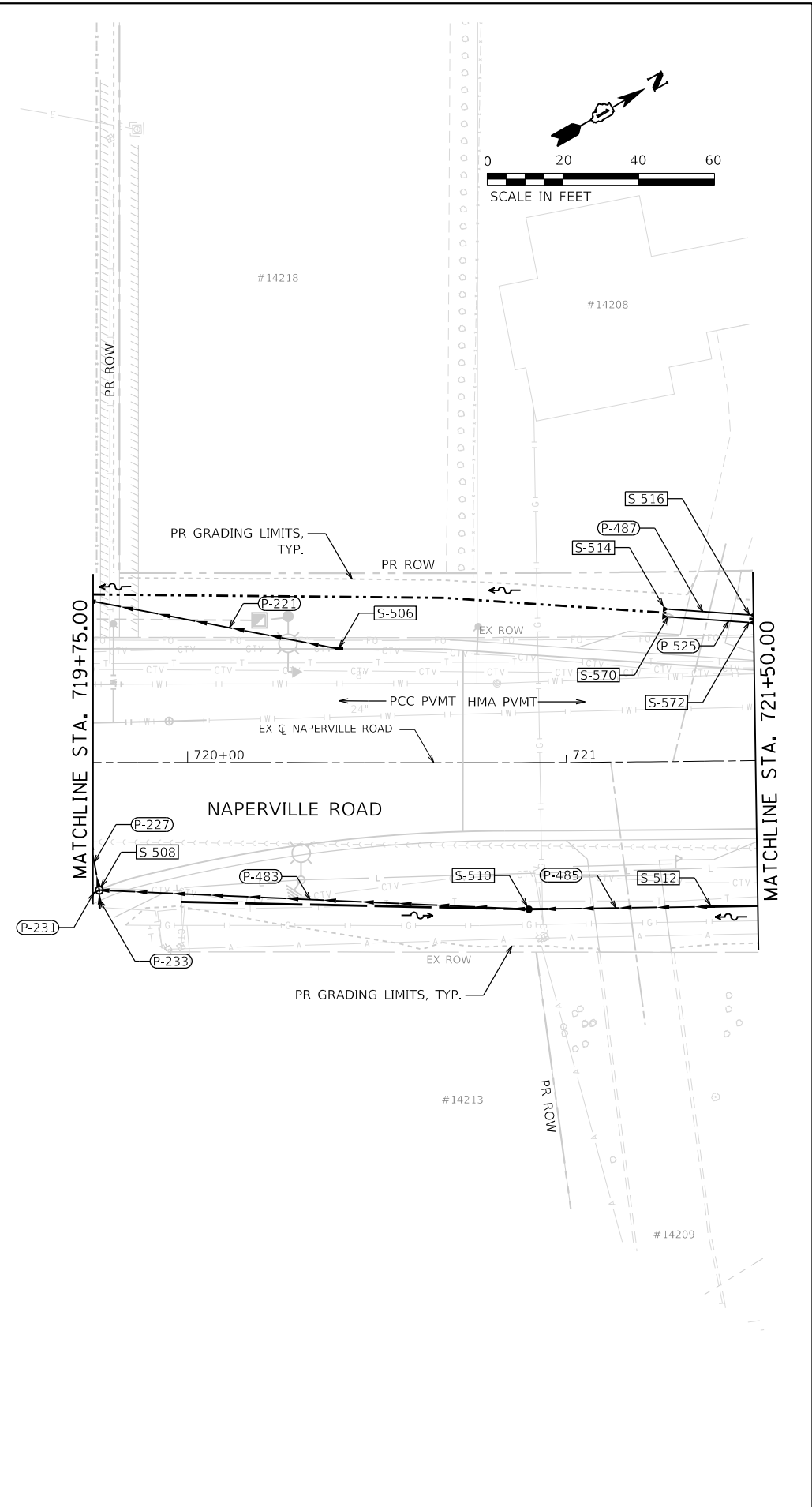
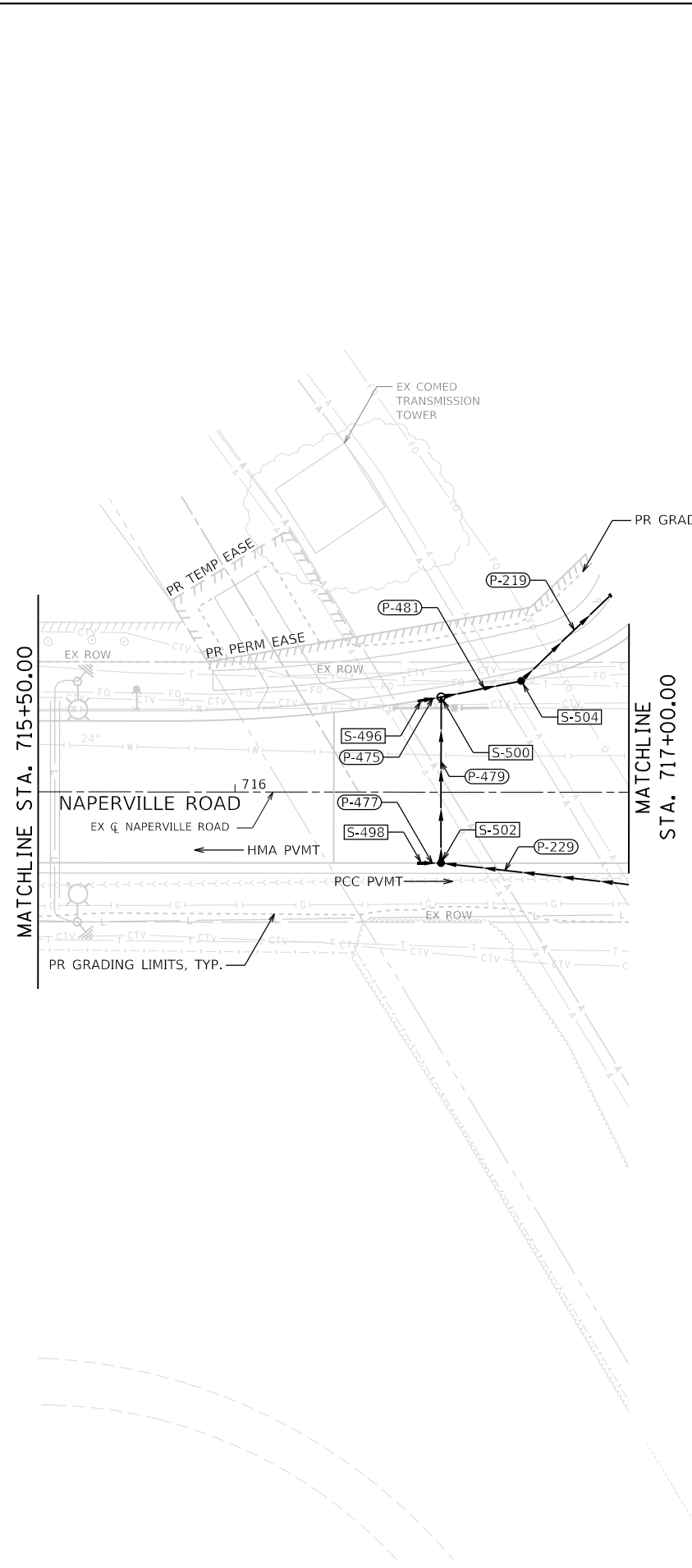
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	PLOT DATE = 2/20/2024 (R32:28 AM)	DATE - 09/29/2023	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**DRAINAGE PLAN  
NAPERVILLE ROAD**

SCALE: 1"=20'    SHEET 17 OF 24 SHEETS    STA. 709+50 TO STA. 715+50

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0380	06-00040-00-FP	WILL	943	421
CONTRACT NO.			61H34	
ILLINOIS FED. AID PROJECT				

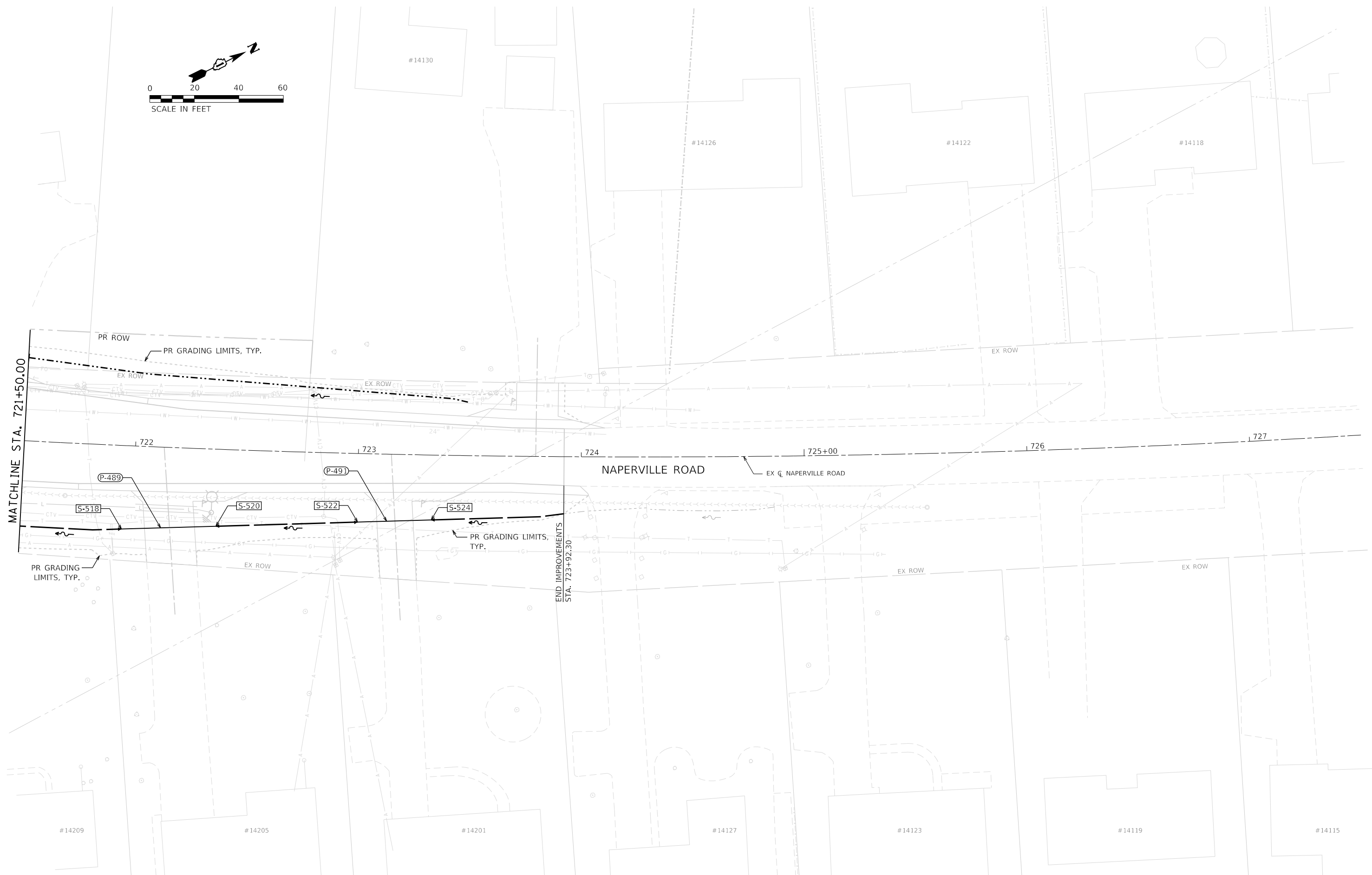
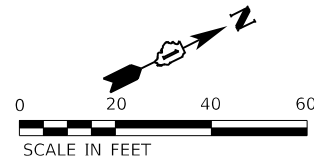


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PLOT DATE = 2/20/2024 (R:32:29 AM)	DATE - 09/29/2023	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>DRAINAGE PLAN NAPERVILLE ROAD</b>			
SCALE: 1"=20'	SHEET 18	OF 24 SHEETS	STA. 715+50 TO STA. 721+50

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0380	06-00040-00-FP	WILL	943	422
CONTRACT NO. 61H34				
ILLINOIS FED. AID PROJECT				



FILE NAME = sht-drainage-plan-19.dgn  
MODEL NAME = Default  
PLOT SCALE = 40,0000' / in.  
PLOT DATE = 2/20/2024 (R32:30 AM)

DESIGNED - CPD  
DRAWN - JJM  
CHECKED - CPD  
DATE - 09/29/2023

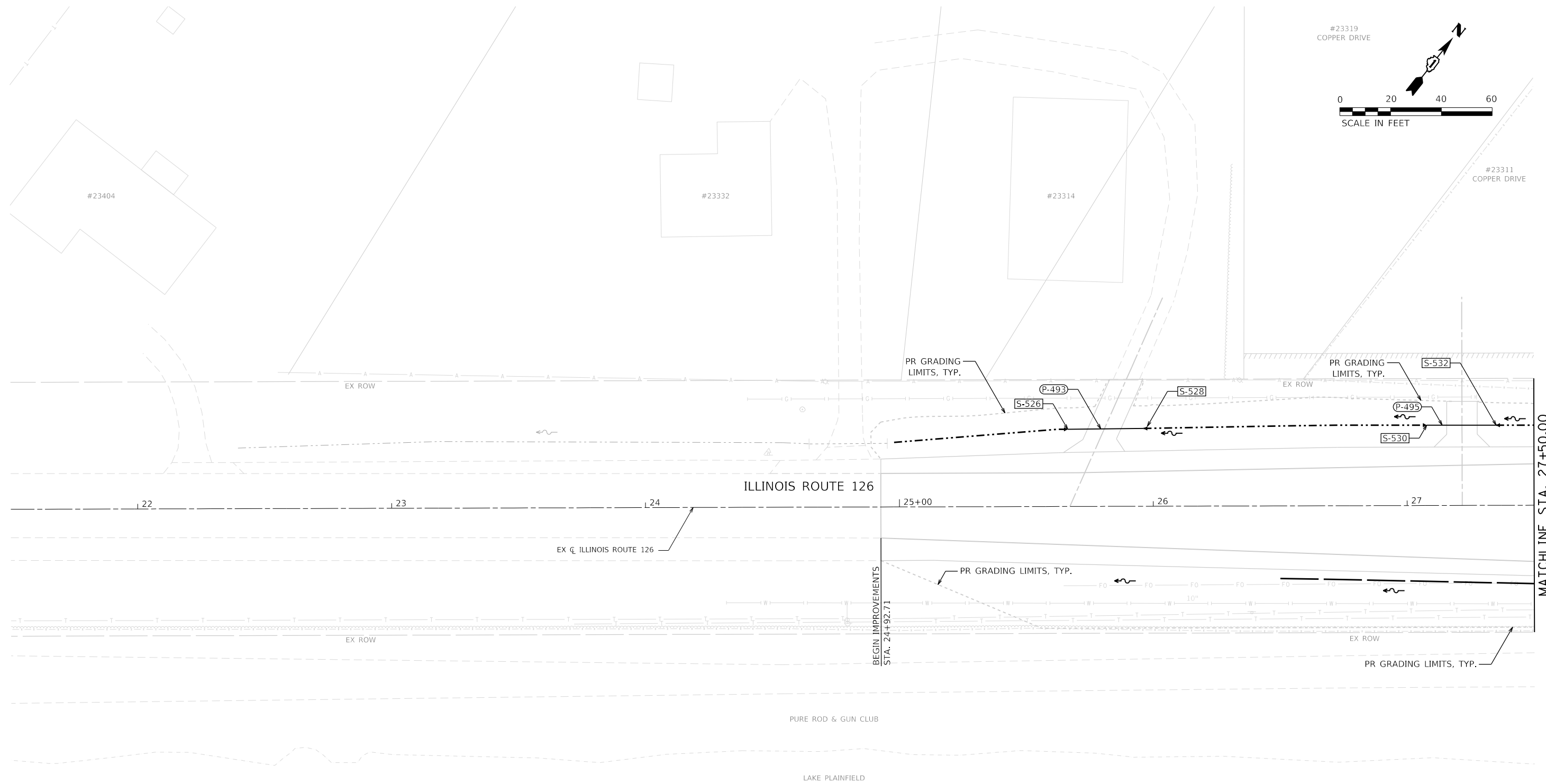
REVISED -  
REVISED -  
REVISED -  
REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

DRAINAGE PLAN  
NAPERVILLE ROAD

SCALE: 1"=20' SHEET 19 OF 24 SHEETS STA. 721+50 TO STA. 727+50

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0380	06-00040-00-FP	WILL	943	423
CONTRACT NO. 61H34				
ILLINOIS FED. AID PROJECT				



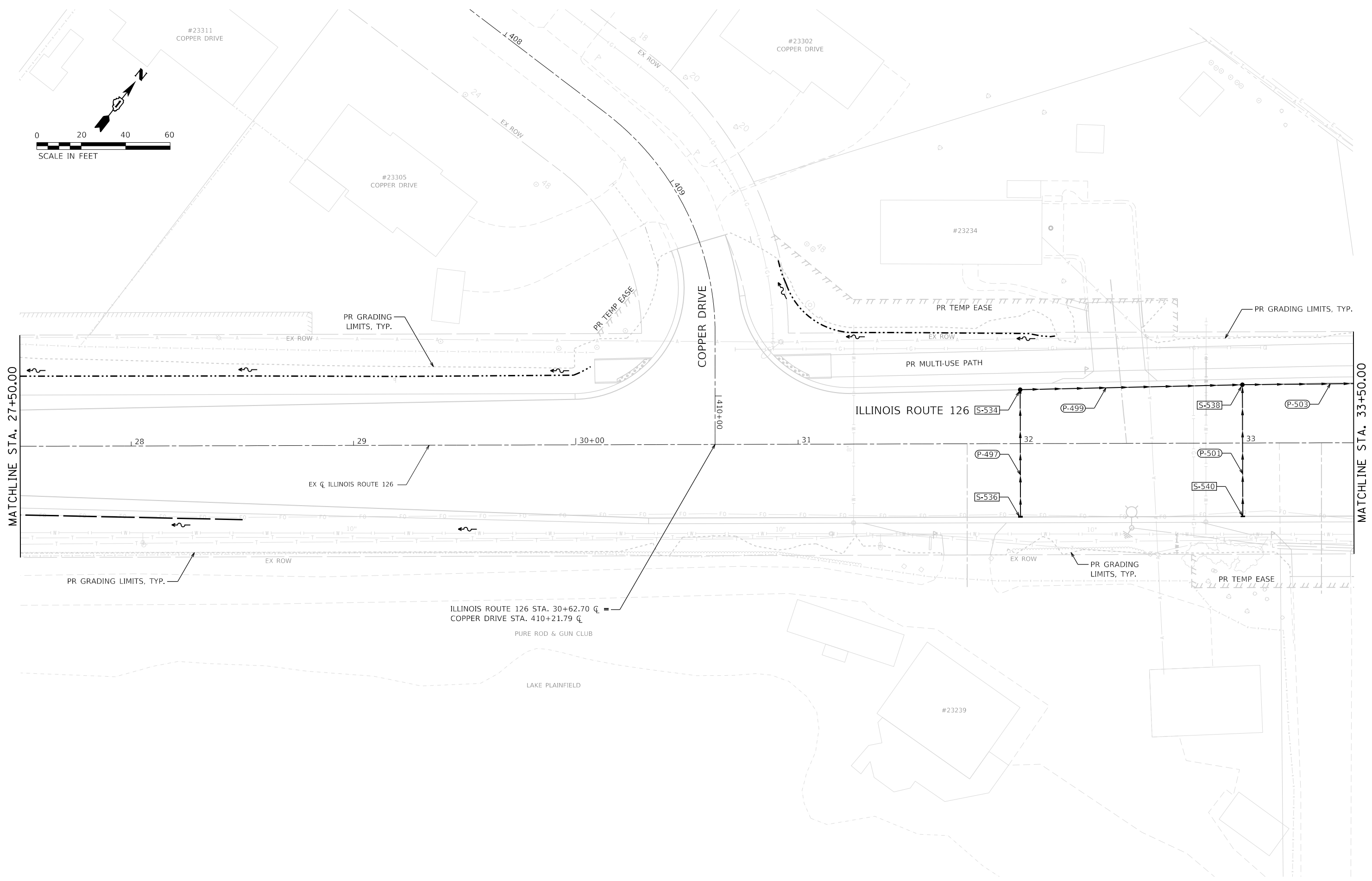
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PLOT SCALE = 40,0000' / in.	CHECKED - CPD	REVISED -
PLOT DATE = 2/20/2024 (R:32:31 AM)	DATE - 09/29/2023	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**DRAINAGE PLAN  
ILLINOIS ROUTE 126**

SCALE: 1"=20'    SHEET 20 OF 24 SHEETS    STA. 21+50 TO STA. 27+50

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0380	06-00040-00-FP	WILL	943	424
ILLINOIS FED. AID PROJECT			CONTRACT NO. 61H34	

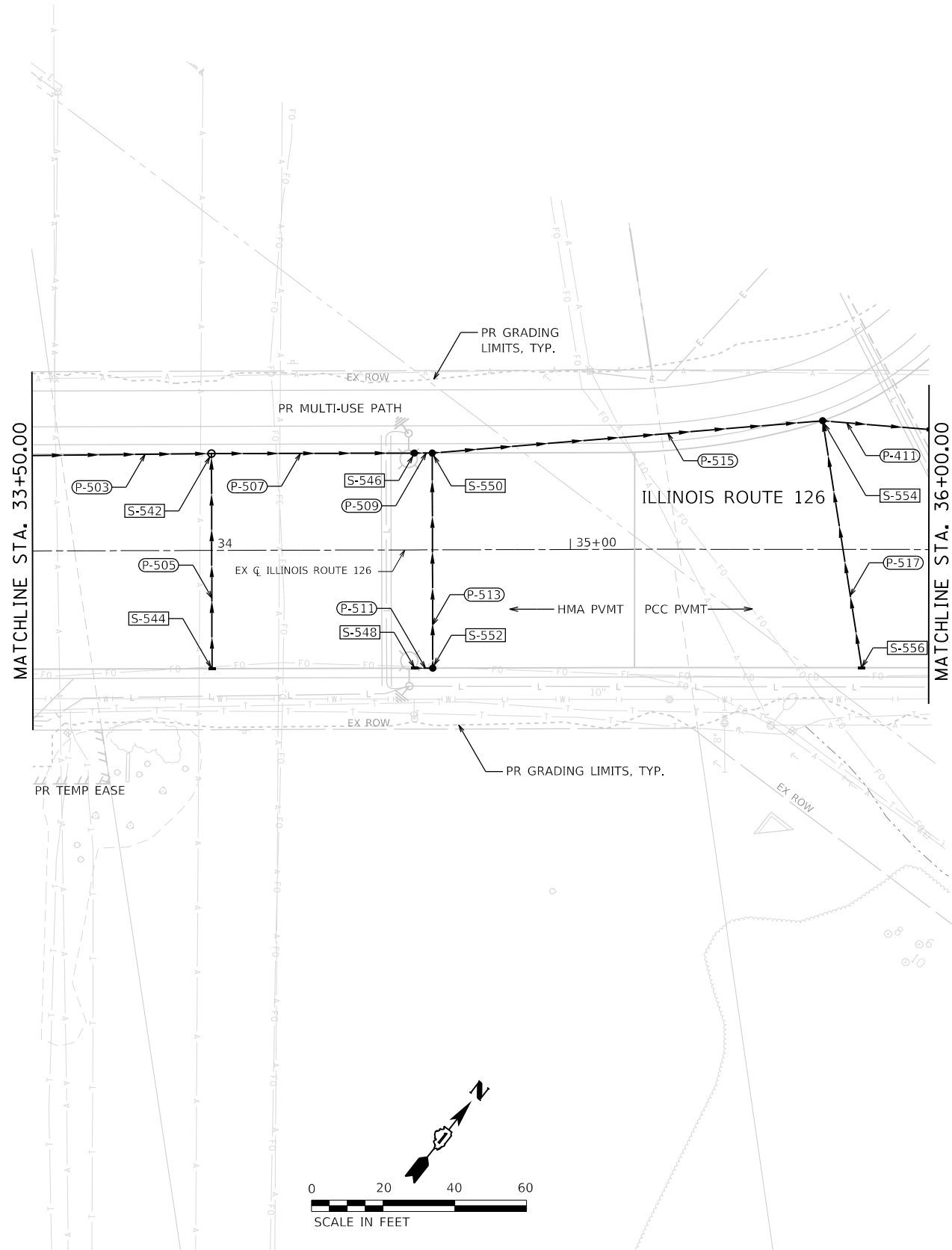


FILE NAME = sht-drainage-plan-21.dgn	DESIGNED - CPD	REVISED -
MODEL NAME = Default	DRAWN - JJM	REVISED -
PLOT SCALE = 40,0000' / in.	CHECKED - CPD	REVISED -
PLOT DATE = 2/20/2024 (R:32:32 AM)	DATE - 09/29/2023	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>DRAINAGE PLAN ILLINOIS ROUTE 126</b>			
SCALE: 1"=20'	SHEET 21	OF 24 SHEETS	STA. 27+50 TO STA. 33+50

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0380	06-00040-00-FP	WILL	943	425
CONTRACT NO. 61H34			ILLINOIS FED. AID PROJECT	



FILE NAME = sht-drainage-plan-22.dgn	DESIGNED - CPD	REVISED -
MODEL NAME = Default	DRAWN - JJM	REVISED -
PLOT SCALE = 40,0000' / in.	CHECKED - CPD	REVISED -
PLOT DATE = 2/20/2024 (R:32:34 AM)	DATE - 09/29/2023	REVISED -

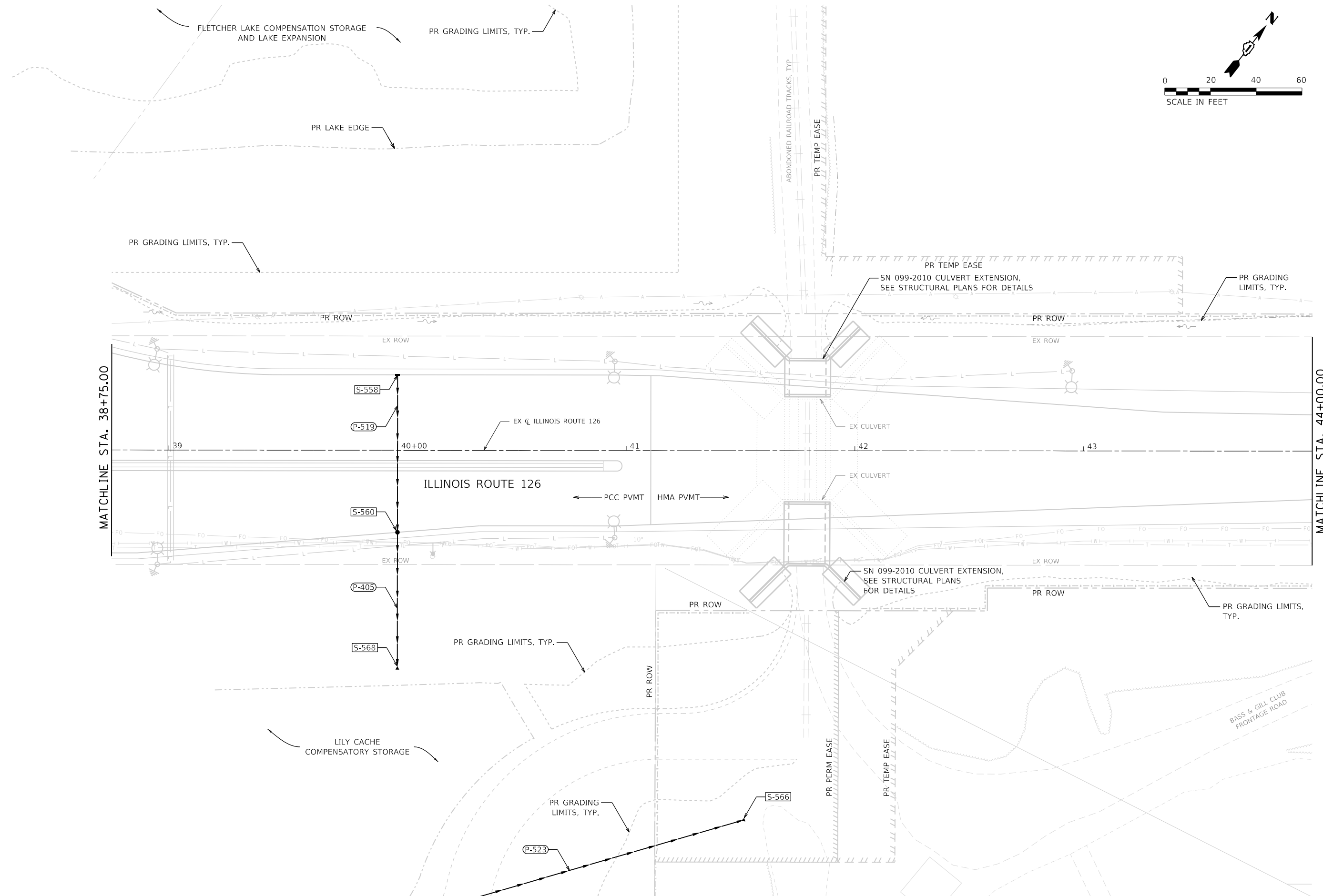
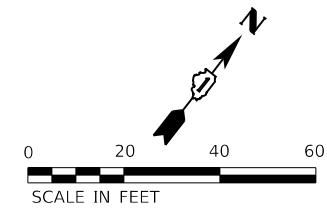
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**DRAINAGE PLAN  
ILLINOIS ROUTE 126**

SCALE: 1"=20'    SHEET 22 OF 24 SHEETS    STA. 33+50 TO STA. 36+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0380	06-00040-00-FP	WILL	943	426
CONTRACT NO. 61H34			ILLINOIS FED. AID PROJECT	





FILE NAME = sht-drainage-plan-23.dgn	DESIGNED - CPD	REVISED -
MODEL NAME = Default	DRAWN - JJM	REVISED -
PLOT SCALE = 40,0000' / 1in.	CHECKED - CPD	REVISED -
PLOT DATE = 2/20/2024 (R:32:35 AM)	DATE - 09/29/2023	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

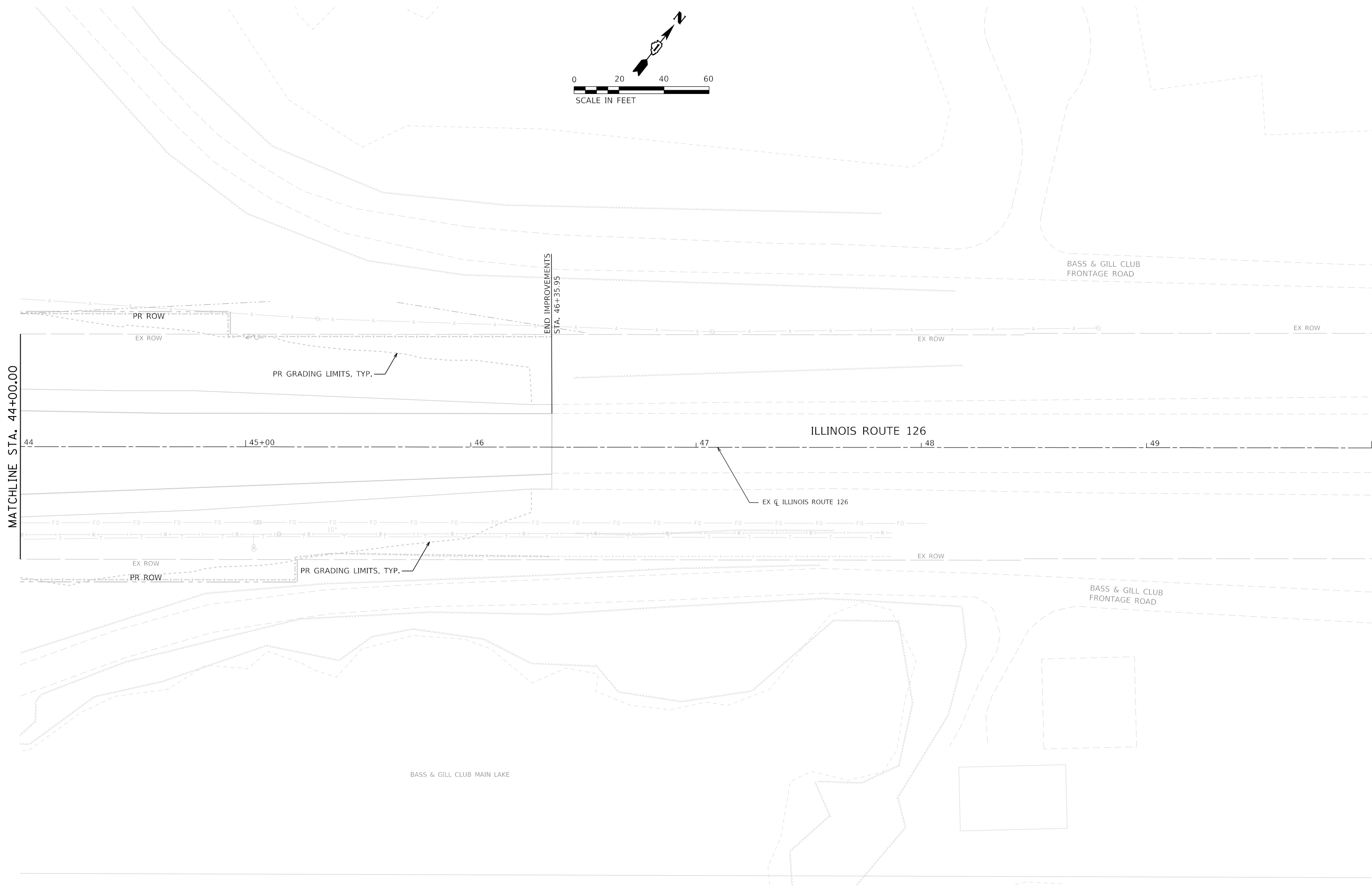
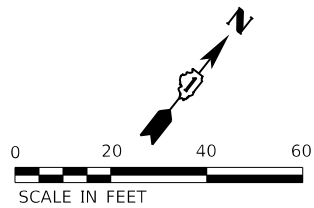
**DRAINAGE PLAN  
ILLINOIS ROUTE 126**

SCALE: 1"=20'    SHEET 23 OF 24 SHEETS    STA. 38+75 TO STA. 44+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0380	06-00040-00-FP	WILL	943	427
CONTRACT NO. 61H34				
ILLINOIS FED. AID PROJECT				

PEN TABLE  
PLOT DRIVER  
- Plainfield\_Drainage.dwg  
- plotnlayershow.dwg

DIRECTORY = L:\Plainfield\1602402400\_143rdDrawRoadway\CADD\_Sheets\  
USER NAME = Zach, Echerds



FILE NAME = sht-drainage-plan-24.dgn  
MODEL NAME = Default  
PLOT SCALE = 40,0000' / 1in.  
PLOT DATE = 2/20/2024 (R32:36 AM)

DESIGNED - CPD  
DRAWN - JJM  
CHECKED - CPD  
DATE - 09/29/2023

REVISED -  
REVISED -  
REVISED -  
REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

DRAINAGE PLAN  
ILLINOIS ROUTE 126

SCALE: 1"=20' SHEET 24 OF 24 SHEETS STA. 44+00 TO STA. 50+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0380	06-00040-00-FP	WILL	943	428
CONTRACT NO. 61H34				
ILLINOIS FED. AID PROJECT				

PLAN	SURVEYED	DATE
NOTE BOOK	PLOTTED	BY
NO.	ALIGNMENT CHECKED	
	CADD FILE NAME	

PROFILE	SURVEYED	DATE
NOTE BOOK	PLOTTED	BY
NO.	GRADES CHECKED	
	STRUCTURE NOTATIONS CHECKED	

PEN TABLE = PlotInfield\_Drainage.dwg  
 PLOT DRIVER = plotNO\_LAYERShow.ppl  
 FILE NAME = sht-drainage-profile-01.dgn  
 MODEL NAME = Default  
 PLOT SCALE = 40,0000' / 1" = 1"=20'  
 PLOT DATE = 2/20/2024 (R32:38 AM)  
 DESIGNED - CPD  
 DRAWN - JJM  
 CHECKED - CPD  
 DATE - 02/21/2022  
 REVISED -  
 REVISED -  
 REVISED -  
 REVISED -



FILE NAME = sht-drainage-profile-01.dgn	DESIGNED - CPD	REVISED -
MODEL NAME = Default	DRAWN - JJM	REVISED -
PLOT SCALE = 40,0000' / 1" = 1"=20'	CHECKED - CPD	REVISED -
PLOT DATE = 2/20/2024 (R32:38 AM)	DATE - 02/21/2022	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**DRAINAGE PROFILES  
143RD STREET**

SCALE: 1"=20' SHEET 1 OF 24 SHEETS STA. 502+00 TO STA. 508+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0380	06-00040-00-FP	WILL	943	429
CONTRACT NO. 61H34				
ILLINOIS FED. AID PROJECT				

PLAN	SURVEYED	DATE
	PLOTTED	BY
	ALIGNMENT CHECKED	
	GRADES CHECKED	
	STRUCTURE NOTATION CHECKED	
	CADD FILE NAME	
	NO.	

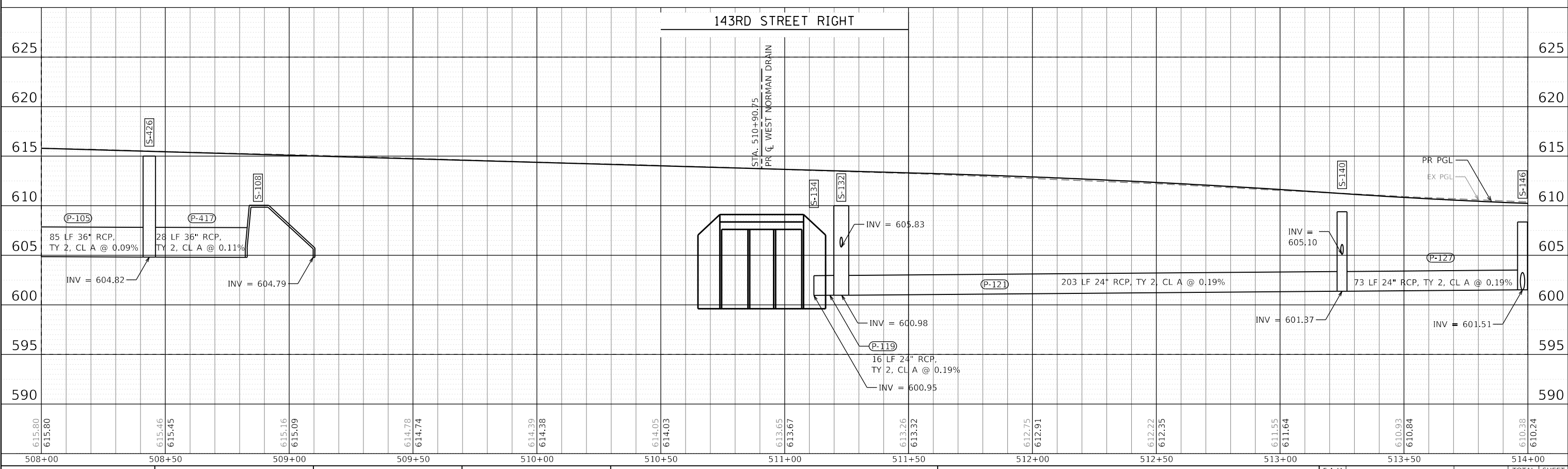
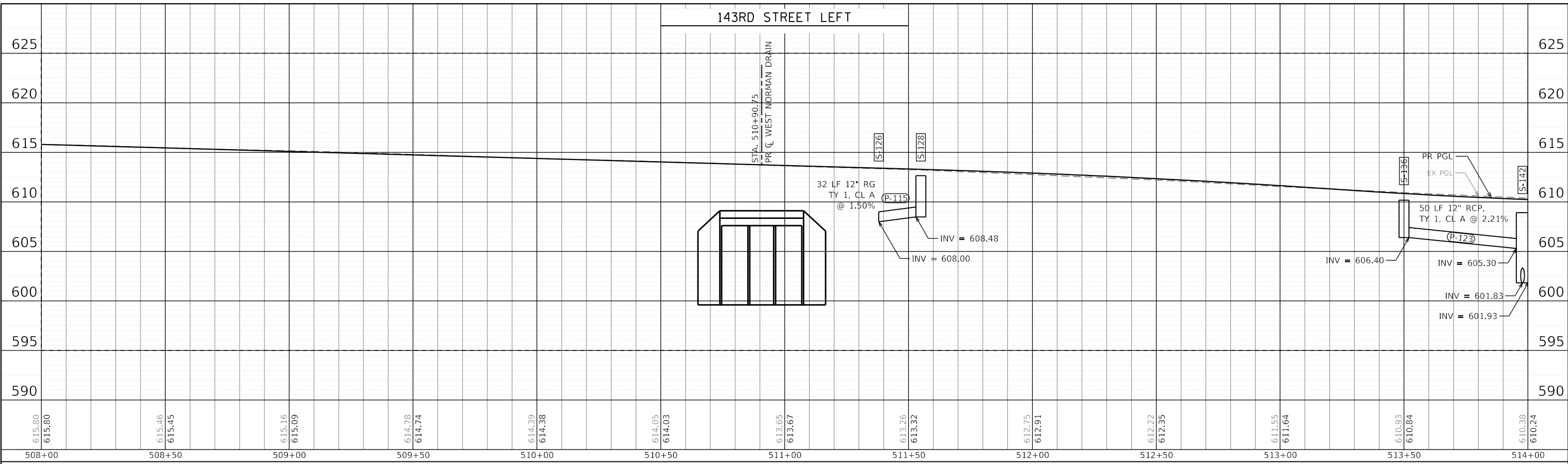
PROFILE	SURVEYED	DATE
	PLOTTED	BY
	GRADES CHECKED	
	STRUCTURE NOTATION CHECKED	
	NO.	

PEN TABLE = PlanInfil\_Drainage.dwg  
PLOT DRIVER = pdfNO\_LAYERShow.pdf

FILE NAME = sht-drainage-profile-02.dgn  
MODEL NAME = Default  
PLOT SCALE = 40,0000' / 1" / 40,000' / 1"  
PLOT DATE = 2/20/2024 (R32:39 AM)

DESIGNED - CPD  
DRAWN - JJM  
CHECKED - CPD  
DATE - 02/21/2022

REVISED -  
REVISED -  
REVISED -  
REVISED -



FILE NAME	= sht-drainage-profile-02.dgn
MODEL NAME	= Default
PLOT SCALE	= 40,0000' / 1" / 40,000' / 1"
PLOT DATE	= 2/20/2024 (R32:39 AM)

DESIGNED	-	CPD	REVISED	-
DRAWN	-	JJM	REVISED	-
CHECKED	-	CPD	REVISED	-
DATE	-	02/21/2022	REVISED	-

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**DRAINAGE PROFILES  
143RD STREET**

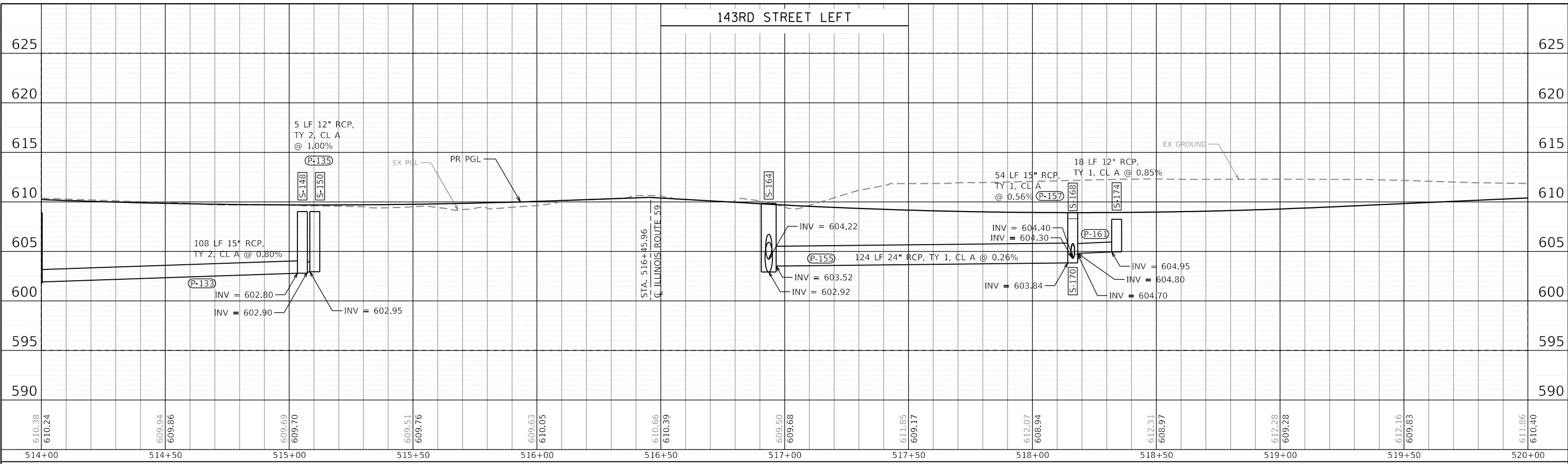
SCALE: 1"=20'    SHEET 2 OF 24 SHEETS    STA. 508+00 TO STA. 514+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0380	06-00040-00-FP	WILL	943	430
CONTRACT NO. 61H34				
ILLINOIS FED. AID PROJECT				

PLAN	SURVEYED	DATE
	PLOTTED	BY
	ALIGNED	CHECKED
	GRADES	FILE NAME
	STRUCTURE	NOTATION
	NO.	

PROFILE	SURVEYED	DATE
	PLOTTED	BY
	GRADES	CHECKED
	STRUCTURE	NOTATION
	NO.	

PEN TABLE = pen.tbl  
PLOT DRIVER = plotdrv.plt  
DIR: L:\P\11041602402-00\_143rdDraw\Roadway\CADD\_Sheets\Zach Escherds  
USER NAME = Zach Escherds



FILE NAME =	sht-drainage-profile-03.dgn	DESIGNED -	CPD	REVISED -	
MODEL NAME =	Default	DRAWN -	JJM	REVISED -	
PLOT SCALE =	40,0000' / 1"	CHECKED -	CPD	REVISED -	
PLOT DATE =	2/20/2024 (R32:40 AM)	DATE -	02/21/2022	REVISED -	

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**DRAINAGE PROFILES  
143RD STREET**

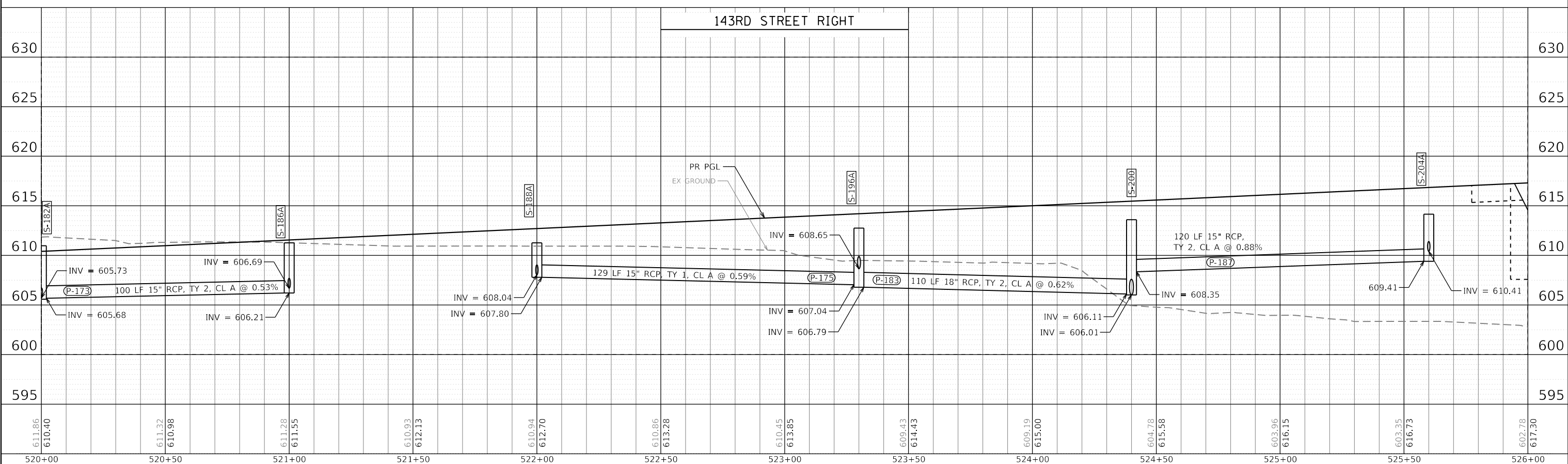
SCALE: 1"=20'      SHEET 3 OF 24 SHEETS      STA. 514+00 TO STA. 520+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0380	06-00040-00-FP	WILL	943	431
CONTRACT NO.			61H34	
ILLINOIS		FED. AID PROJECT		

PLAN	SURVEYED	DATE
NOTE BOOK	PLOTTED	BY
NO.	ALIGNMENT	
	GRADES CHECKED	
	CADD FILE NAME	

PROFILE	SURVEYED	DATE
NOTE BOOK	PLOTTED	BY
NO.	GRADES CHECKED	
	STRUCTURE NOTATION	

PEN TABLE = PlotArea\_Drainage.dwg  
 PLOT DRIVER = plotnlayershwplotf  
 L:\P\143rd\1602402-00\_143rd\Draw\Roadway\CADD\_Sheets\Zach\_Eshw-ds  
 USER NAME = Zach\_Eshw-ds



FILE NAME = sht-drainage-profile-04.dwg  
 MODEL NAME = Default  
 PLOT SCALE = 40,0000' / 1"  
 PLOT DATE = 2/20/2024 (R32:41 AM)

DESIGNED - CPD  
 DRAWN - JJM  
 CHECKED - CPD  
 DATE - 02/21/2022

REVISED -  
 REVISED -  
 REVISED -  
 REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

DRAINAGE PROFILES  
143RD STREET

SCALE: 1"=20' SHEET 4 OF 24 SHEETS STA. 520+00 TO STA. 526+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0380	06-00040-00-FP	WILL	943	432
CONTRACT NO. 61H34				
ILLINOIS FED. AID PROJECT				

PLAN	SURVEYED	BY	DATE
	PLOTTED		
	ALIGNMENT CHECKED		
	GRADES CHECKED		
	STRUCTURE NOTATION CHECKED		
	NO.		

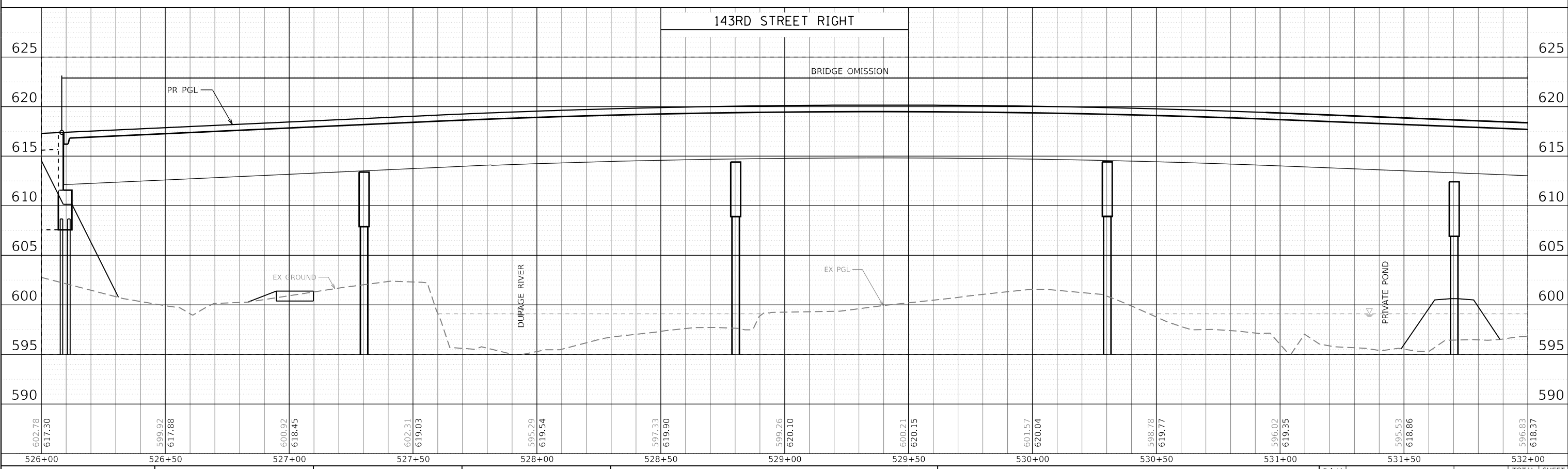
PROFILE	SURVEYED	BY	DATE
	PLOTTED		
	GRADES CHECKED		
	STRUCTURE NOTATION CHECKED		
	NO.		

PEN TABLE = PlotInfile\_Drainage.dgn  
 PLOT DRIVER = plotIN\_LAYERShowPlot

FILE NAME = sht-drainage-profile-05.dgn  
 MODEL NAME = Default  
 PLOT SCALE = 40,0000' / 1" / 40  
 PLOT DATE = 2/20/2024 (R:32:42 AM)

DESIGNED - CPD  
 DRAWN - JJM  
 CHECKED - CPD  
 DATE - 02/21/2022

REVISED -  
 REVISED -  
 REVISED -  
 REVISED -



FILE NAME = sht-drainage-profile-05.dgn  
 MODEL NAME = Default  
 PLOT SCALE = 40,0000' / 1" / 40  
 PLOT DATE = 2/20/2024 (R:32:42 AM)

DESIGNED - CPD  
 DRAWN - JJM  
 CHECKED - CPD  
 DATE - 02/21/2022

REVISED -  
 REVISED -  
 REVISED -  
 REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**DRAINAGE PROFILES  
 143RD STREET**

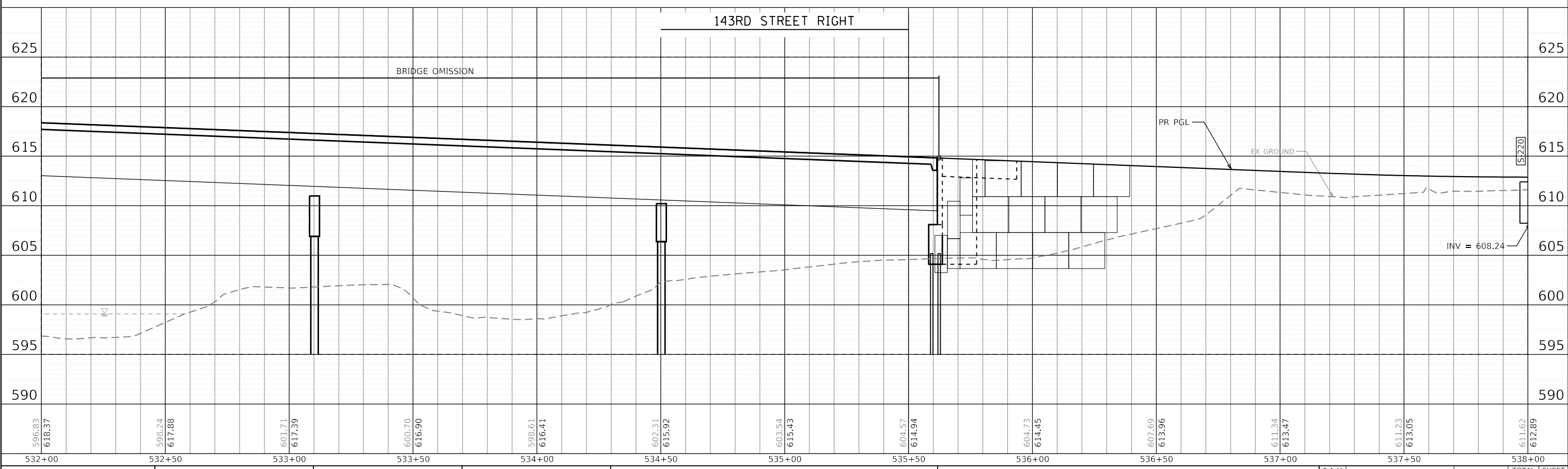
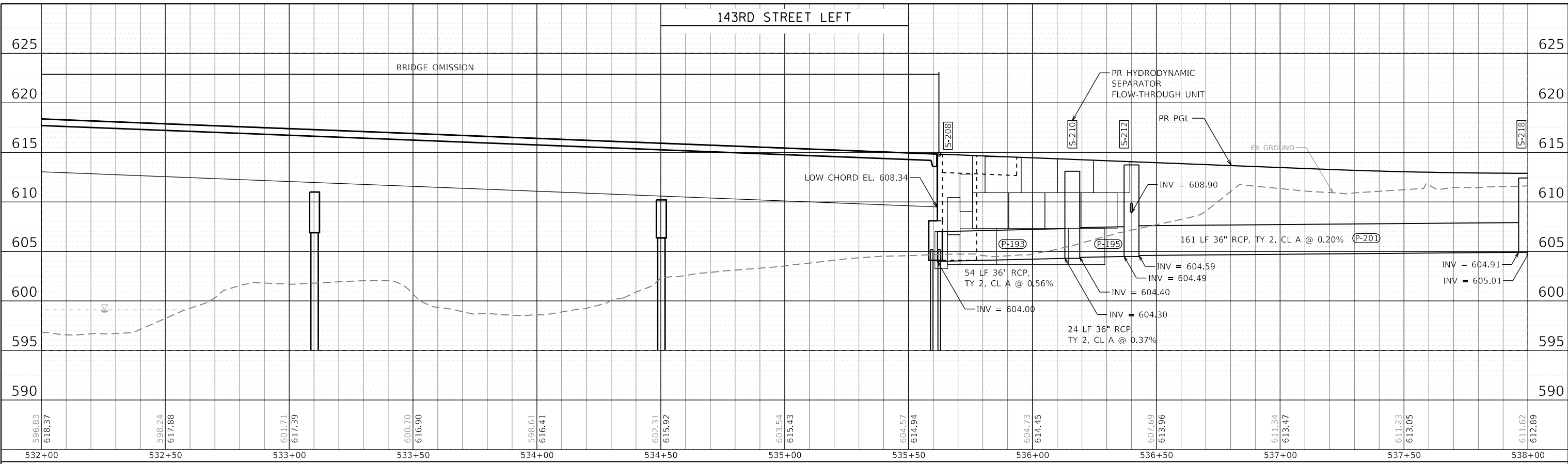
SCALE: 1"=20' SHEET 5 OF 24 SHEETS STA. 526+00 TO STA. 532+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0380	06-00040-00-FP	WILL	943	433
CONTRACT NO. 61H34				
ILLINOIS FED. AID PROJECT				

PLAN	SURVEYED	DATE
NOTE BOOK NO.	PLOTTED	BY
	ALIGNMENT CHECKED	
	GRADES CHECKED	
	STRUCTURE NOTATIONS CHECKED	
	CADD FILE NAME	

PROFILE	SURVEYED	DATE
NOTE BOOK NO.	PLOTTED	BY
	GRADES CHECKED	
	STRUCTURE NOTATIONS CHECKED	
	CADD FILE NAME	

PEN TABLE = PlotArea\_Drainage.dwg  
 PLOT DRIVER = plotnlayershwplotf  
 L:\P\11611602402-00\_143rdDraw\Roadway\CADD\_Sheets\Zach\_Escherds  
 USER NAME = Zach\_Escherds



FILE NAME = sht-drainage-profile-06.dwg	DESIGNED - CPD	REVISED -
MODEL NAME = Default	DRAWN - JJM	REVISED -
PLOT SCALE = 40,000' / 1"	CHECKED - CPD	REVISED -
PLOT DATE = 2/20/2024 (R32:43 AM)	DATE - 02/21/2022	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**DRAINAGE PROFILES  
143RD STREET**

SCALE: 1"=20' SHEET 6 OF 24 SHEETS STA. 532+00 TO STA. 538+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0380	06-00040-00-FP	WILL	943	434
CONTRACT NO. 61H34				
ILLINOIS FED. AID PROJECT				



PLAN	SURVEYED	BY	DATE
	PLOTTED		
NOTE BOOK NO.	ALIGNMENT CHECKED		
	GRADES CHECKED		
	STRUCTURE NOTATION CHANGED		
	CADD FILE NAME		

PROFILE	SURVEYED	BY	DATE
	PLOTTED		
NOTE BOOK NO.	ALIGNMENT CHECKED		
	GRADES CHECKED		
	STRUCTURE NOTATION CHANGED		
	CADD FILE NAME		

PEN TABLE = PlotPen.tbl  
PLOT DRIVER = plotDRIVER.plt

FILE NAME = sht-drainage-profile-07.dgn  
MODEL NAME = Default  
PLOT SCALE = 40,0000' / 1" (1/4" = 100')

DESIGNED - CPD  
DRAWN - JJM  
CHECKED - CPD  
DATE - 02/21/2022

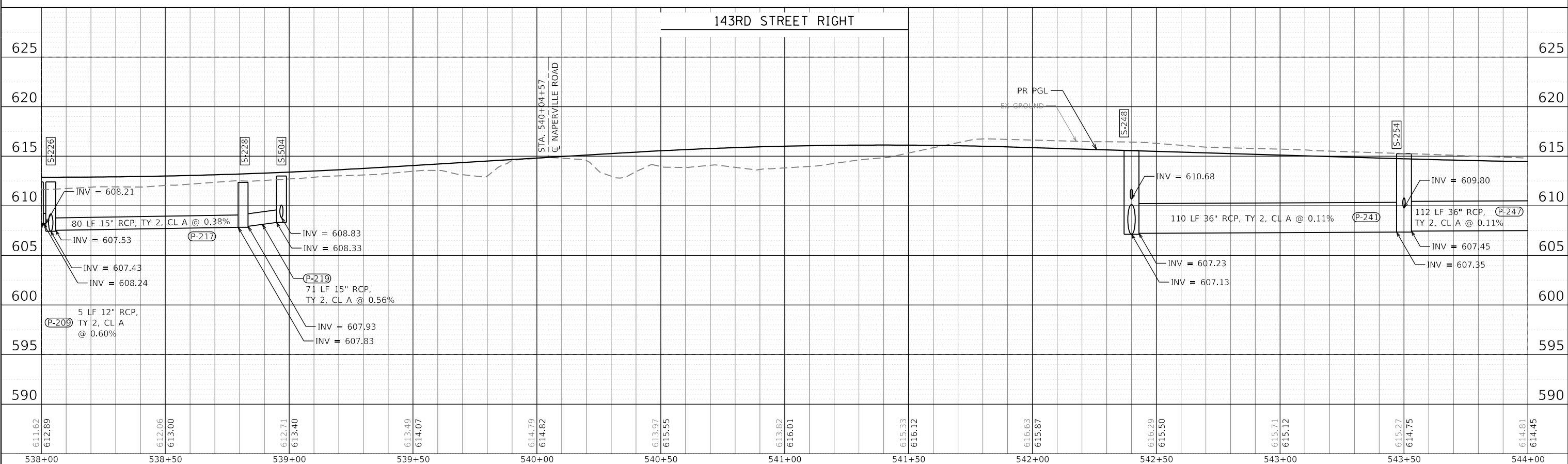
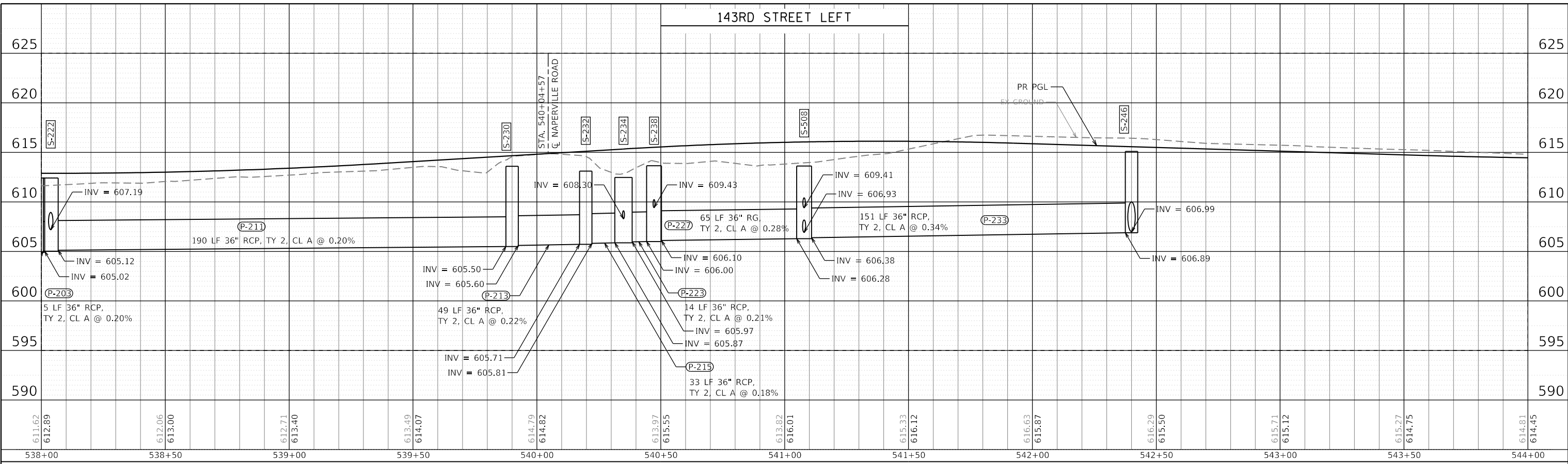
REVISED -  
REVISED -  
REVISED -  
REVISED -

SCALE: 1"=20'

SHEET 7 OF 24 SHEETS

STA. 538+00 TO STA. 544+00

F.A.U. RTE. 0380 SECTION 06-00040-00-FP COUNTY WILL TOTAL SHEETS 943 SHEET NO. 435 CONTRACT NO. 61H34 ILLINOIS FED. AID PROJECT



FILE NAME = sht-drainage-profile-07.dgn	DESIGNED - CPD	REVISED -
MODEL NAME = Default	DRAWN - JJM	REVISED -
PLOT SCALE = 40,0000' / 1"	CHECKED - CPD	REVISED -
PLOT DATE = 2/20/2024 (R32:44 AM)	DATE - 02/21/2022	REVISED -

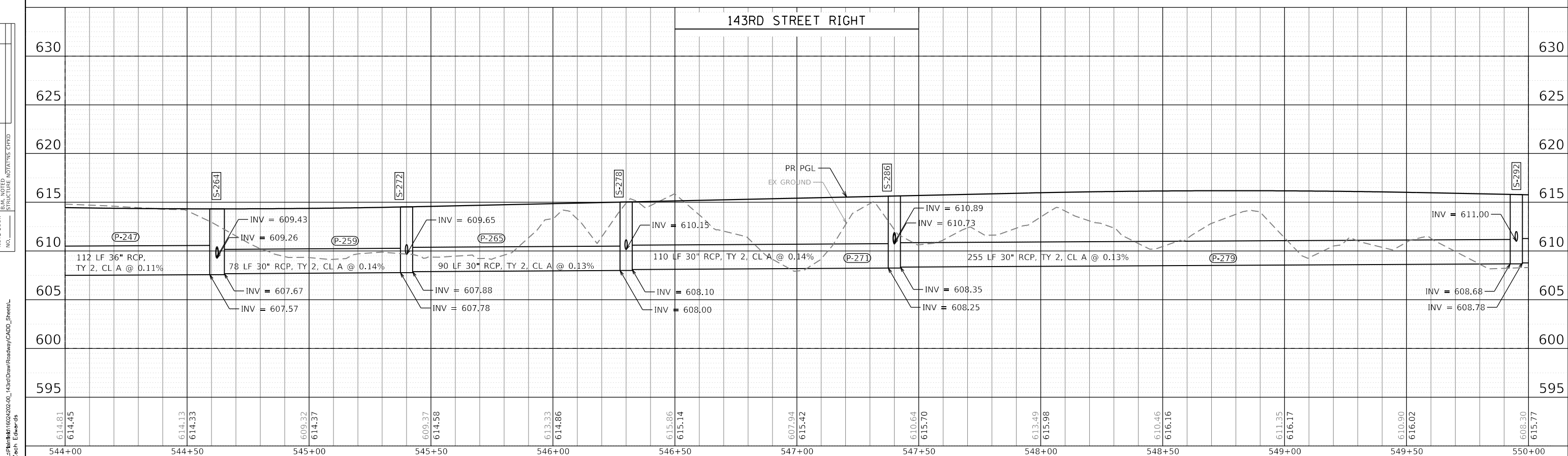
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

DRAINAGE PROFILES  
143RD STREET

F.A.U. RTE. 0380	SECTION 06-00040-00-FP	COUNTY WILL	TOTAL SHEETS 943	SHEET NO. 435
CONTRACT NO. 61H34			ILLINOIS FED. AID PROJECT	

PLAN	SURVEYED	BY	DATE
NOTE BOOK NO.	PLOTTED		
	ALIGNMENT CHECKED		
	GRADES CHECKED		
	CADD FILE NAME		
	STRUCTURE NOTATION		
	EX GROUND		
	PR PGL		

PROFILE	SURVEYED	BY	DATE
NOTE BOOK NO.	PLOTTED		
	GRADES CHECKED		
	STRUCTURE NOTATION		
	EX GROUND		
	PR PGL		



	FILE NAME = sht-drainage-profile-08.dgn	DESIGNED - CPD	REVISED -	<b>STATE OF ILLINOIS</b> <b>DEPARTMENT OF TRANSPORTATION</b>	<b>DRAINAGE PROFILES</b> <b>143RD STREET</b>			F.A.U. RTE. 0380	SECTION 06-00040-00-FP	COUNTY WILL	TOTAL SHEETS 943	SHEET NO. 436	
	MODEL NAME = Default	DRAWN - JJM	REVISED -		SCALE: 1"=20'	SHEET 8	OF 24 SHEETS	STA. 544+00	TO STA. 550+00	CONTRACT NO. 61H34			
	PLOT SCALE = 40,0000' / in.	CHECKED - CPD	REVISED -										
	PLOT DATE = 2/20/2024 (R:32:45 AM)	DATE - 02/21/2022	REVISED -										

DIRECTORY = L:\P\143rd\1602402-00\_143rd\Draw\Roadway\CADD\_Sheets\  
 USER NAME = Zach Escherds

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PLAN	SURVEYED	BY	DATE
NOTE BOOK NO.	PLOTTED		
	ALIGNMENT CHECKED		
	CADD FILE NAME		

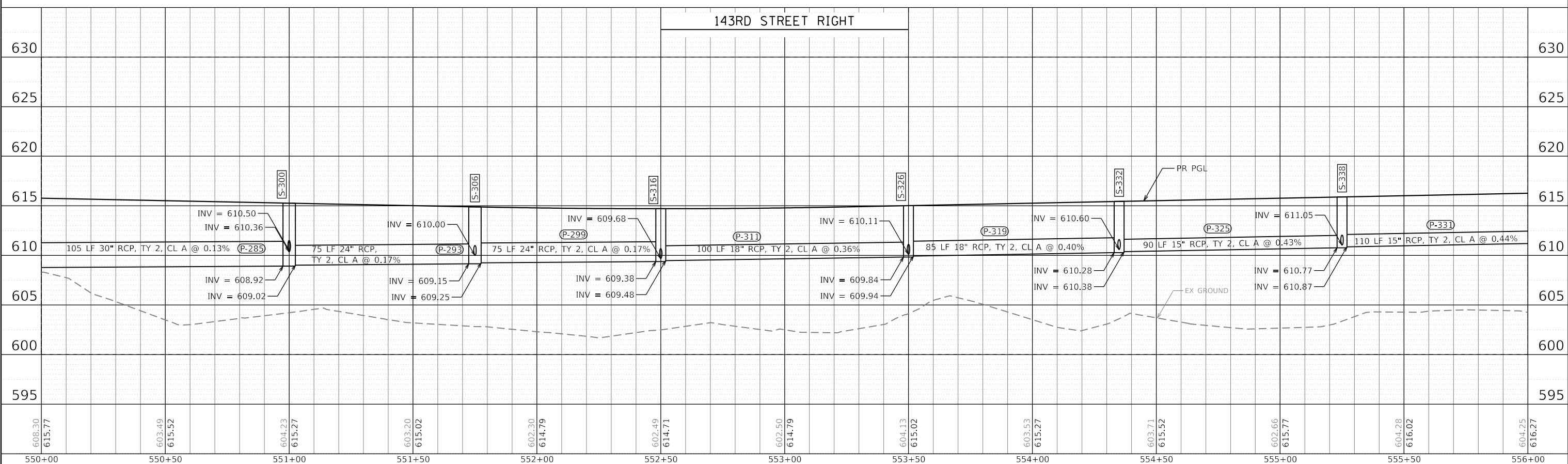
PROFILE	SURVEYED	BY	DATE
NOTE BOOK NO.	PLOTTED		
	GRADES CHECKED		
	STRUCTURE NOTATION		

PEN TABLE = Plainfield\_Drainage.dwg  
 PLOT DRIVER = pdfNO\_LAYERShow.pdf

FILE NAME = sht-drainage-profile-09.dgn  
 MODEL NAME = Default  
 PLOT SCALE = 40,0000' / 1"  
 PLOT DATE = 2/20/2024 (R32:46 AM)

DESIGNED - CPD  
 DRAWN - JJM  
 CHECKED - CPD  
 DATE - 02/21/2022

REVISED -  
 REVISED -  
 REVISED -  
 REVISED -



FILE NAME = sht-drainage-profile-09.dgn	DESIGNED - CPD	REVISED -
MODEL NAME = Default	DRAWN - JJM	REVISED -
PLOT SCALE = 40,0000' / 1"	CHECKED - CPD	REVISED -
PLOT DATE = 2/20/2024 (R32:46 AM)	DATE - 02/21/2022	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**DRAINAGE PROFILES  
 143RD STREET**

SCALE: 1"=20'    SHEET 9 OF 24 SHEETS    STA. 550+00 TO STA. 556+00

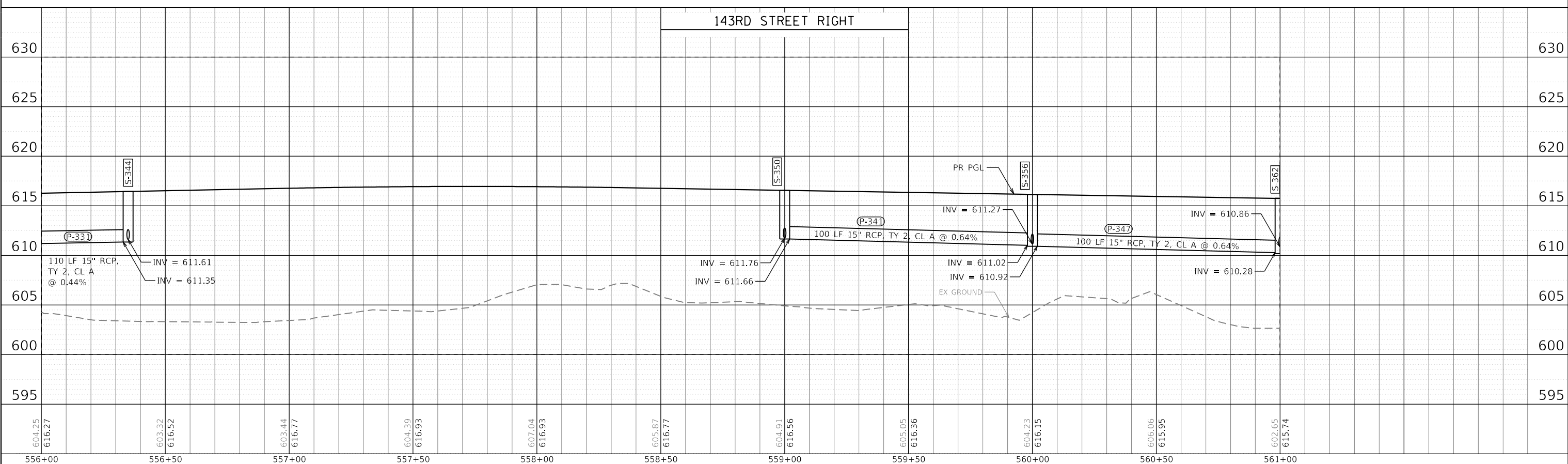
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0380	06-00040-00-FP	WILL	943	437
CONTRACT NO. 61H34				

ILLINOIS FED. AID PROJECT

PLAN	SURVEYED	BY	DATE
	PLOTTED		
	ALIGNMENT CHECKED		
	CADD FILE NAME		
	NO.		

PROFILE	SURVEYED	BY	DATE
	PLOTTED		
	GRADES CHECKED		
	STRUCTURE NOTATION		
	NO.		

PEN TABLE = PlotInfile\_Drainage.dwg  
 PLOT DRIVER = plotnlayershwplotf  
 FILE NAME = sht-drainage-profile-10.dgn  
 MODEL NAME = Default  
 PLOT SCALE = 40,0000' / 1"



DESIGNED	-	CPD	REVISED	-
DRAWN	-	JJM	REVISED	-
CHECKED	-	CPD	REVISED	-
DATE	-	02/21/2022	REVISED	-

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

**DRAINAGE PROFILES  
143RD STREET**

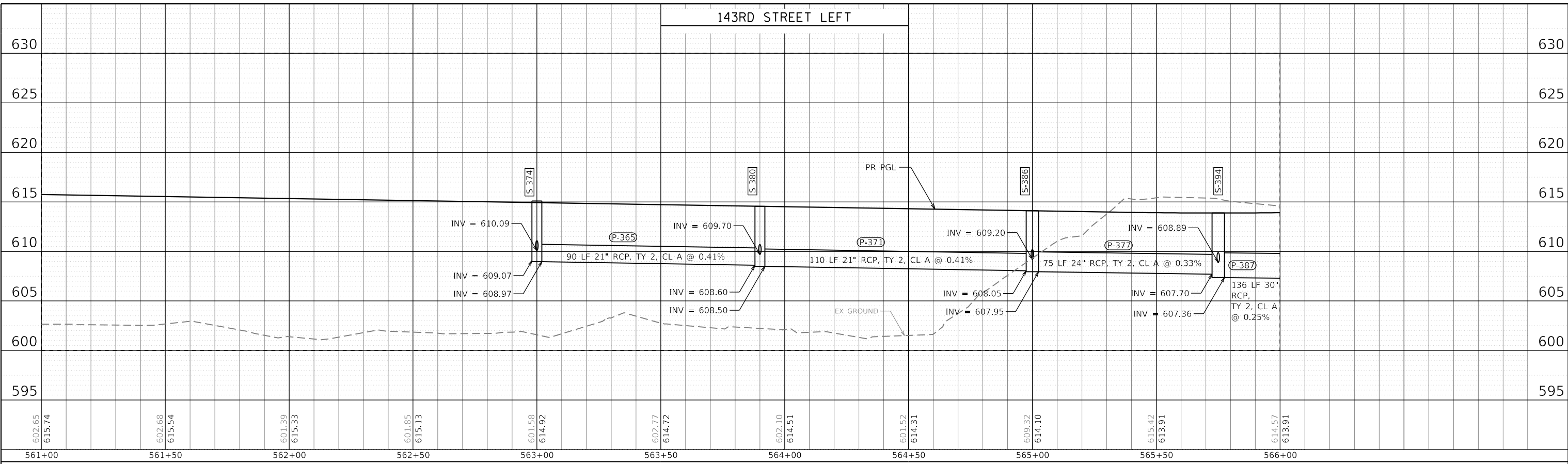
SCALE: 1"=20'    SHEET 10 OF 24 SHEETS    STA. 556+00 TO STA. 561+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0380	06-00040-00-FP	WILL	943	438
CONTRACT NO.			61H34	
ILLINOIS FED. AID PROJECT				

PLAN	SURVEYED	DATE
	PLOTTED	
	ALIGNMENT CHECKED	
	GRADES CHECKED	
	STRUCTURE NOTATION CHECKED	
NOTE BOOK NO.	CADD FILE NAME	

PROFILE	SURVEYED	DATE
	PLOTTED	
	GRADES CHECKED	
	STRUCTURE NOTATION CHECKED	
NOTE BOOK NO.	CADD FILE NAME	

PEN TABLE = PlanInlet\_Drainage.dwg  
 PLOT DRIVER = plotnlayershowplot  
 L:\P\11611602402-00\_143rdDraw\Roadway\CADD\_Sheets\Zach\_Escherds  
 USER NAME = Zach\_Escherds



FILE NAME = sht-drainage-profile-11.dgn	DESIGNED - CPD	REVISED -
MODEL NAME = Default	DRAWN - JJM	REVISED -
PLOT SCALE = 40,0000' / 1"	CHECKED - CPD	REVISED -
PLOT DATE = 2/20/2024 (R32:49 AM)	DATE - 02/21/2022	REVISED -

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

DRAINAGE PROFILES  
 143RD STREET

SCALE: 1"=20'    SHEET 11 OF 24 SHEETS    STA. 561+00 TO STA. 566+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0380	06-00040-00-FP	WILL	943	439
CONTRACT NO. 61H34			ILLINOIS FED. AID PROJECT	

PLAN	SURVEYED	DATE
NO.	PLOTTED	
	ALIGNED	
	CHECKED	
	CADD FILE NAME	

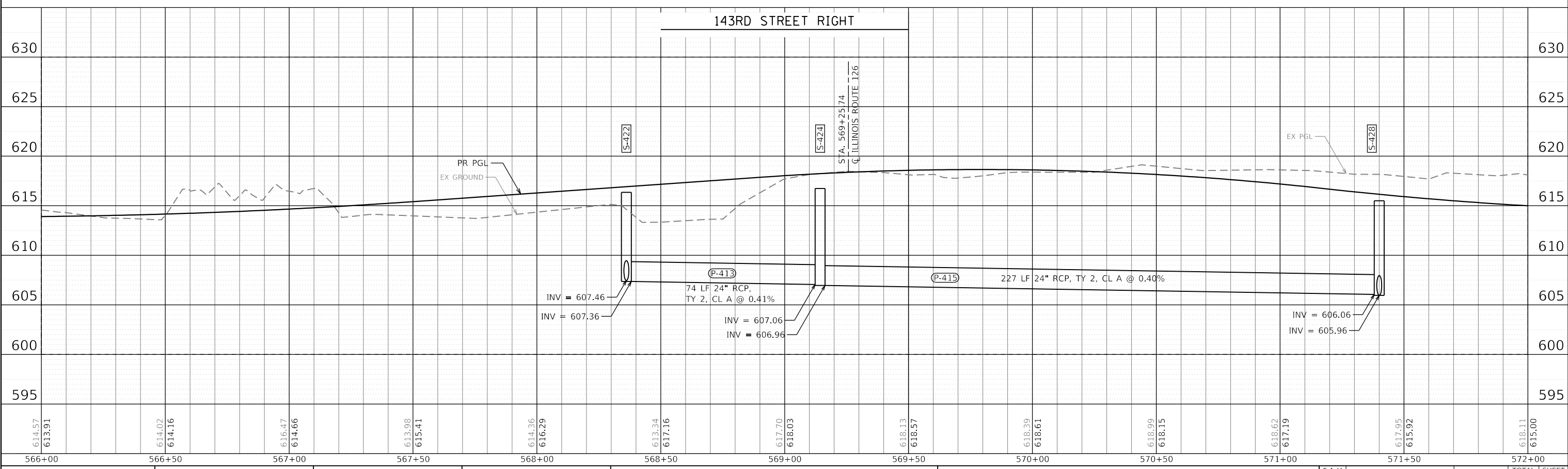
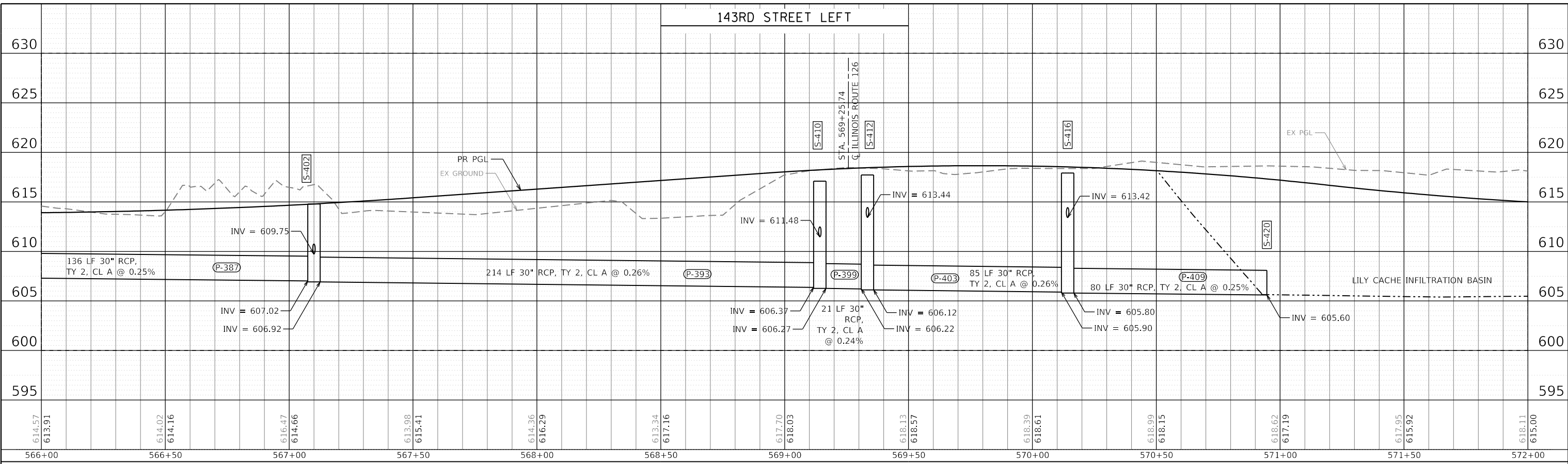
PROFILE	SURVEYED	DATE
NO.	PLOTTED	
	GRADES CHECKED	
	STRUCTURE NOTATIONS CHECKED	

PEN TABLE = PlanInfil\_Drainage.dwg  
 PLOT DRIVER = pdfNO\_LAYERShow.pdf

FILE NAME = sht-drainage-profile-12.dgn  
 MODEL NAME = Default  
 PLOT SCALE = 40,0000' / 1" / 40  
 PLOT DATE = 2/20/2024 (R3:25:50 AM)

DESIGNED - CPD  
 DRAWN - JJM  
 CHECKED - CPD  
 DATE - 02/21/2022

REVISED -  
 REVISED -  
 REVISED -  
 REVISED -



FILE NAME = sht-drainage-profile-12.dgn  
 MODEL NAME = Default  
 PLOT SCALE = 40,0000' / 1" / 40  
 PLOT DATE = 2/20/2024 (R3:25:50 AM)

DESIGNED - CPD  
 DRAWN - JJM  
 CHECKED - CPD  
 DATE - 02/21/2022

REVISED -  
 REVISED -  
 REVISED -  
 REVISED -

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

DRAINAGE PROFILES  
 143RD STREET

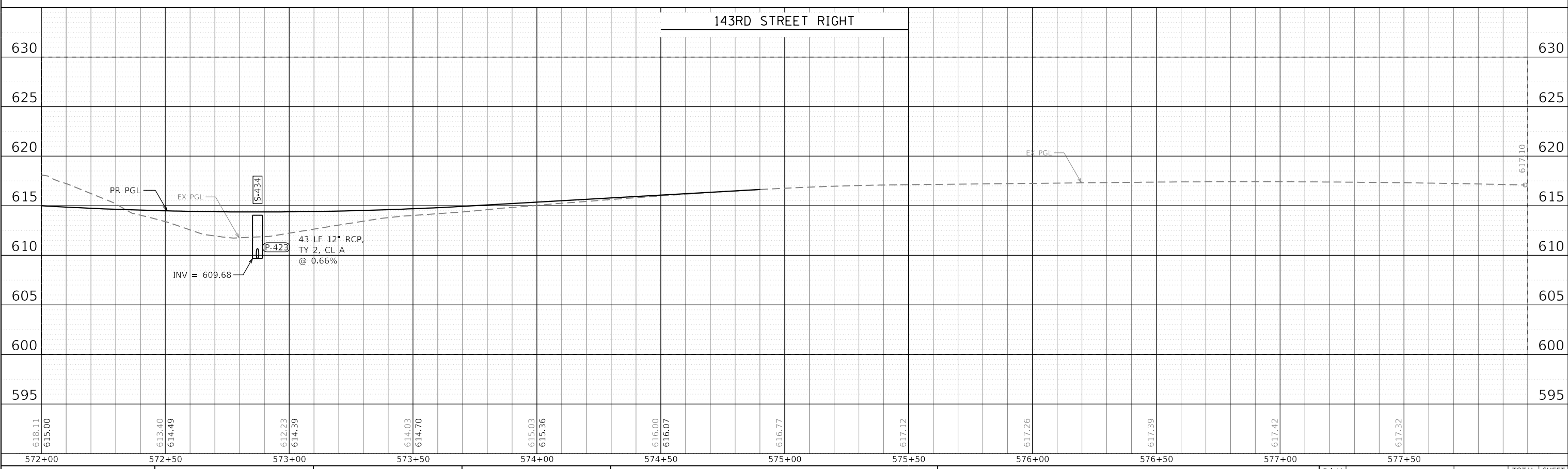
SCALE: 1"=20' SHEET 12 OF 24 SHEETS STA. 566+00 TO STA. 572+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0380	06-00040-00-FP	WILL	943	440
CONTRACT NO. 61H34				
ILLINOIS FED. AID PROJECT				

PLAN	SURVEYED	BY	DATE
NOTE BOOK NO.	PLOTTED		
	ALIGNMENT CHECKED		
	GRADES CHECKED		
	CADD FILE NAME		
	STRUCTURE NOTATION		

PROFILE	SURVEYED	BY	DATE
NOTE BOOK NO.	PLOTTED		
	ALIGNMENT CHECKED		
	GRADES CHECKED		
	CADD FILE NAME		
	STRUCTURE NOTATION		

PEN TABLE = Plainfield\_Drainage.dgn  
 PLOT DRIVER = pdmnlayershplofhp  
 DIRECTORY USER NAME = L:\P\m\1602402-00\_143rdDraw\Roadway\CADD\_Sheets\Zach\_Eshwar-ds



FILE NAME = sht-drainage-profile-13.dgn	DESIGNED - CPD	REVISED -
MODEL NAME = Default	DRAWN - JJM	REVISED -
PLOT SCALE = 40,0000' / 1.	CHECKED - CPD	REVISED -
PLOT DATE = 2/20/2024 (R:32:51 AM)	DATE - 02/21/2022	REVISED -

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**DRAINAGE PROFILES**  
**143RD STREET**

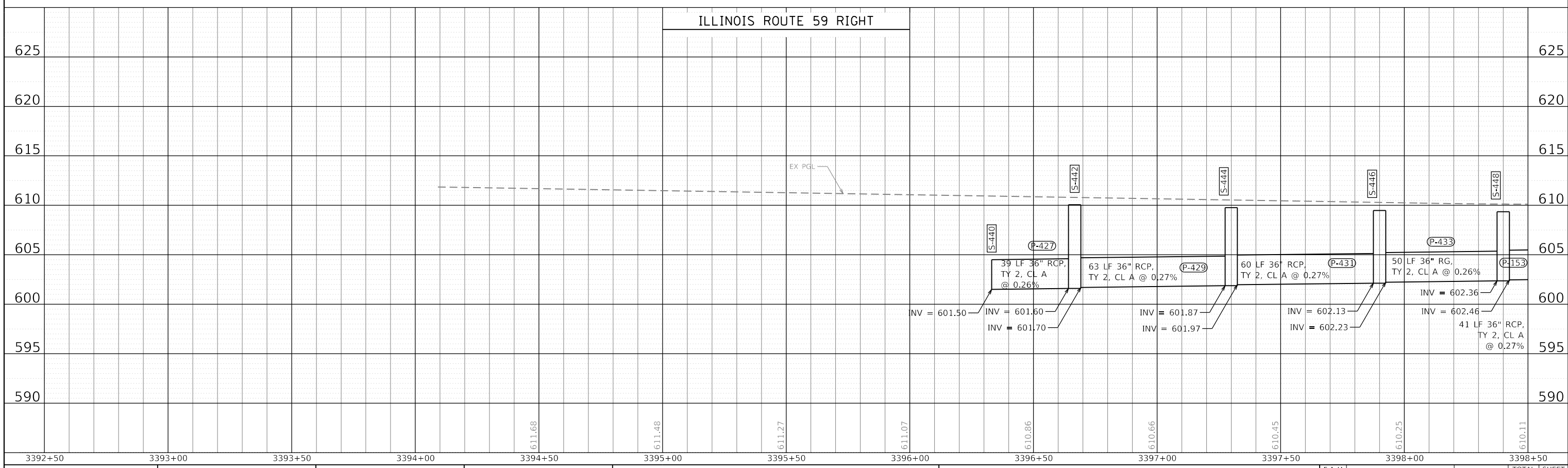
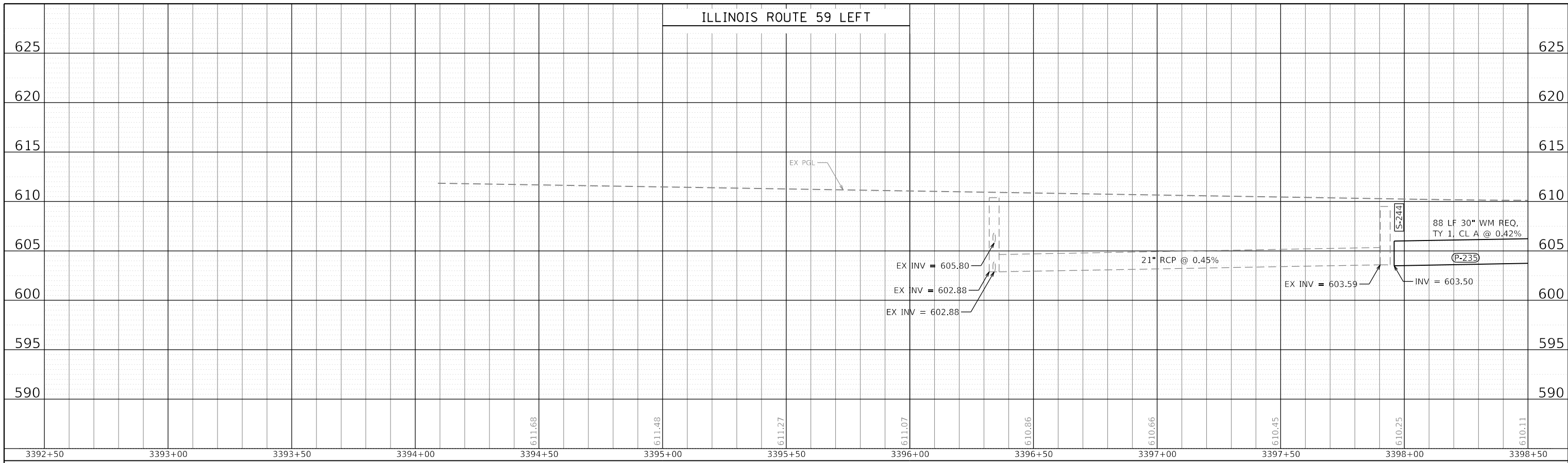
SCALE: 1"=20'    SHEET 13 OF 24 SHEETS    STA. 572+00 TO STA. 577+50

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0380	06-00040-00-FP	WILL	943	441
CONTRACT NO.			61H34	
ILLINOIS FED. AID PROJECT				

PLAN	SURVEYED	DATE
	PLOTTED	BY
	ALIGNMENT CHECKED	
	CADD FILE NAME	
	NOTE BOOK NO.	

PROFILE	SURVEYED	DATE
	PLOTTED	BY
	GRADES CHECKED	
	STRUCTURE NOTATIONS CHECKED	
	NOTE BOOK NO.	

PEN TABLE = PlotArea\_Drainage.dwg  
 PLOT DRIVER = pldrvr.dwg  
 L:\P\1116\1602402-00\_14\Draw\Roadway\CADD\_Sheets\Zach\_Eshwar.dwg  
 USER NAME = Zach\_Eshwar



FILE NAME	= sht-drainage-profiles-14.dwg
MODEL NAME	= Default
PLOT SCALE	= 40,0000' / 1"
PLOT DATE	= 2/20/2024 (R3:25:2 AM)
DESIGNED	- CPD
DRAWN	- JJM
CHECKED	- CPD
DATE	- 02/21/2022
REVISED	-
REVISED	-
REVISED	-
REVISED	-

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**DRAINAGE PROFILES  
ILLINOIS ROUTE 59**

SCALE: 1"=20'      SHEET 14    OF    24    SHEETS    STA. 3392+50    TO STA. 3398+50

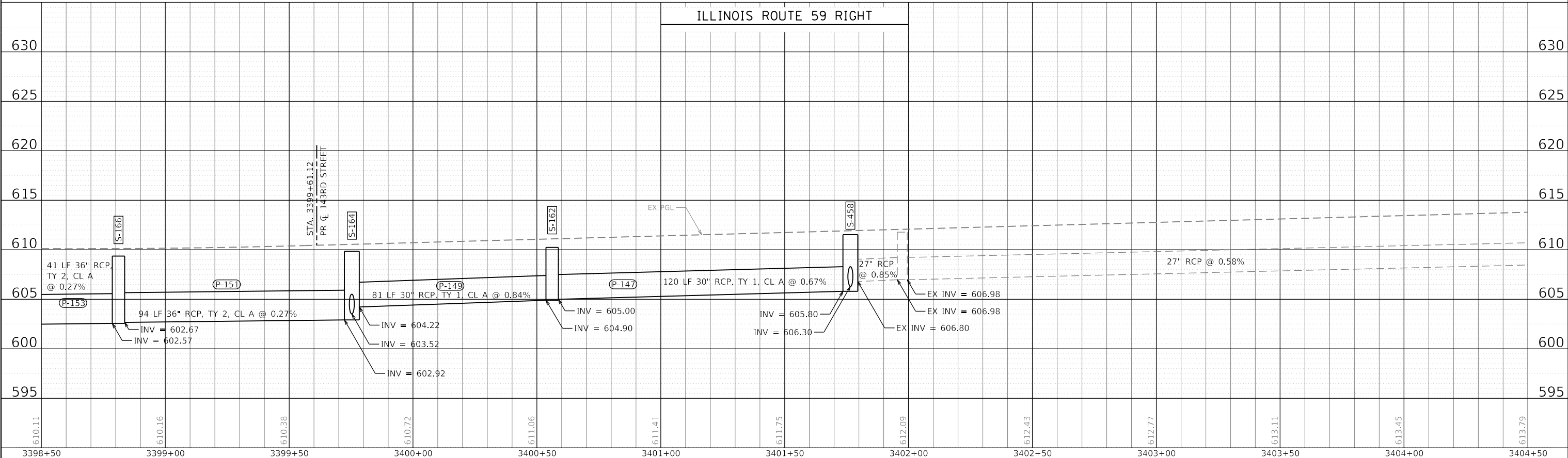
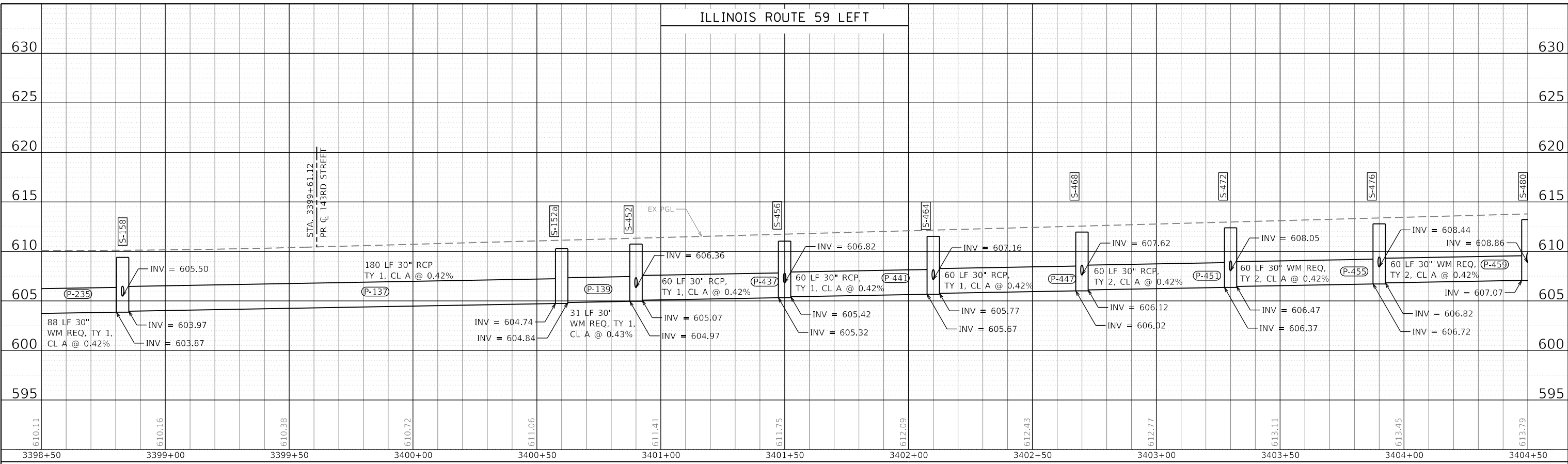
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0380	06-00040-00-FP	WILL	943	442
CONTRACT NO.			61H34	
ILLINOIS FED. AID PROJECT				



PLAN	SURVISED	DATE
NOTE BOOK	PLOTTED	BY
NO.	ALIGNMENT CHECKED	
	CADD FILE NAME	
	FILE NAME	
	PLOT DRIVER	

PROFILE	SURVISED	DATE
NOTE BOOK	PLOTTED	BY
NO.	GRADES CHECKED	
	STRUCTURE NOTATION	
	FILE NAME	
	PLOT DRIVER	

DIRECTORY USER NAME = L:\P\m\1602402-00\_143rd\Draw\Roadway\CADD\_Sheets\Zach\_Eshwar-ds  
 License No. 184-000613 © Copyright CMT Inc.

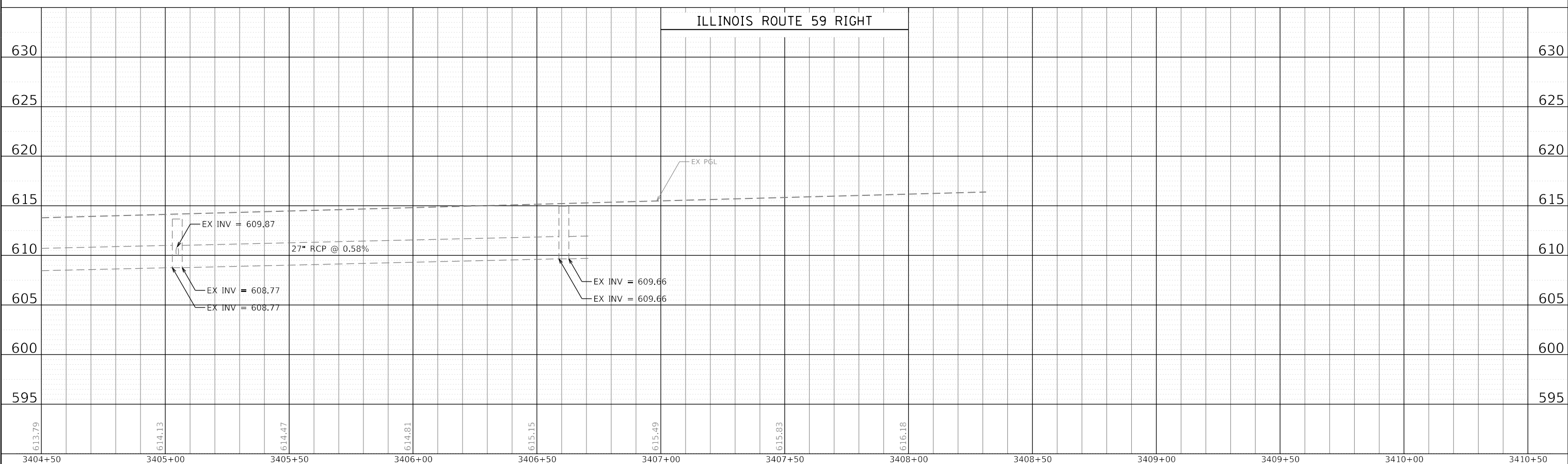
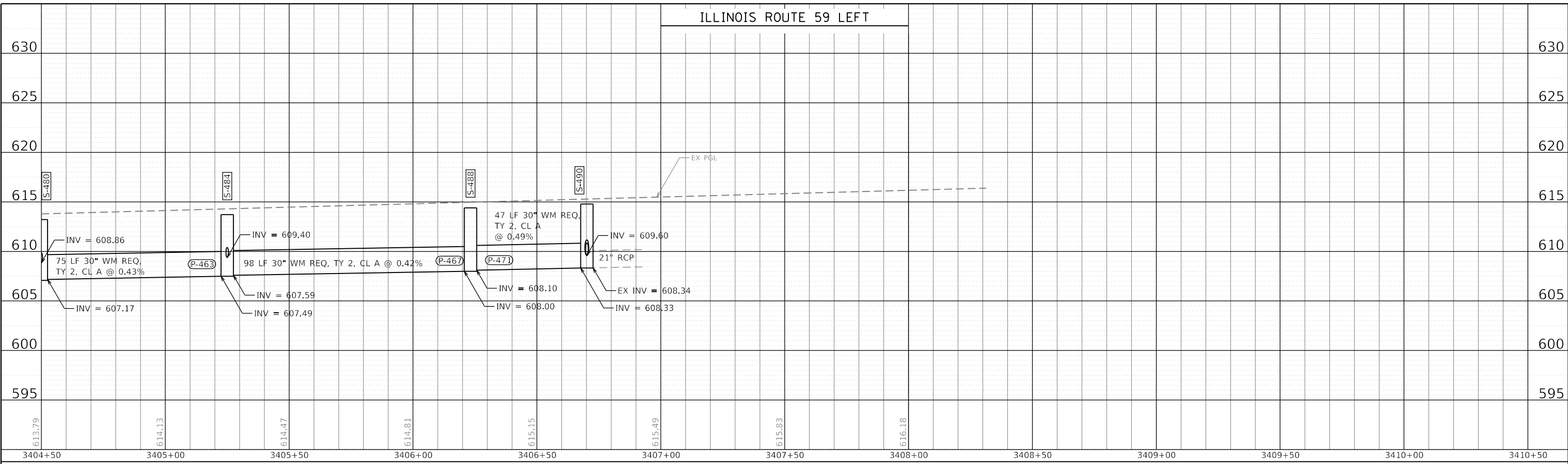


	FILE NAME = sht-drainage-profile-15.dgn	DESIGNED - CPD	REVISED -	<b>STATE OF ILLINOIS</b> <b>DEPARTMENT OF TRANSPORTATION</b>	<b>DRAINAGE PROFILES</b> <b>ILLINOIS ROUTE 59</b>		F.A.U. RTE. = 0380	SECTION = 06-00040-00-FP	COUNTY = WILL	TOTAL SHEETS = 943	SHEET NO. = 443
	MODEL NAME = Default	DRAWN - JJM	REVISED -		SCALE: 1"=20'	SHEET 15 OF 24 SHEETS	STA. 3398+50 TO STA. 3404+50	CONTRACT NO. 61H34		ILLINOIS FED. AID PROJECT	
	PLOT SCALE = 40,0000' / 1in.	CHECKED - CPD	REVISED -								
	PLOT DATE = 2/20/2024 (R3:25:4 AM)	DATE - 02/21/2022	REVISED -								

PLAN	SURVEYED	BY	DATE
	PLOTTED		
	ALIGNMENT CHECKED		
	GRADES CHECKED		
	STRUCTURE NOTATIONS CHECKED		
	NOTE BOOK NO.		
	CADD FILE NAME		

PROFILE	SURVEYED	BY	DATE
	PLOTTED		
	GRADES CHECKED		
	STRUCTURE NOTATIONS CHECKED		
	NOTE BOOK NO.		
	CADD FILE NAME		

PEN TABLE = PlotArea\_Drains.dwg  
 PLOT DRIVER = plotnlayershplof  
 L:\P\11602402-00\_143rdDraw\Roadway\CADD\_Sheets\Zach\_Eshwars  
 USER NAME = Zach\_Eshwars

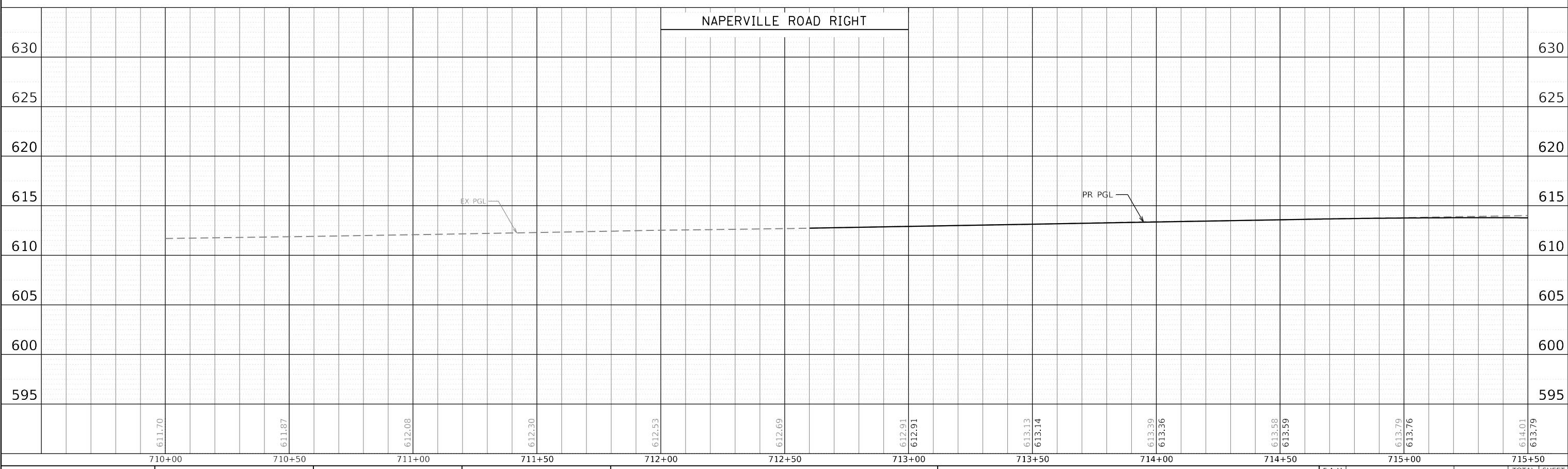
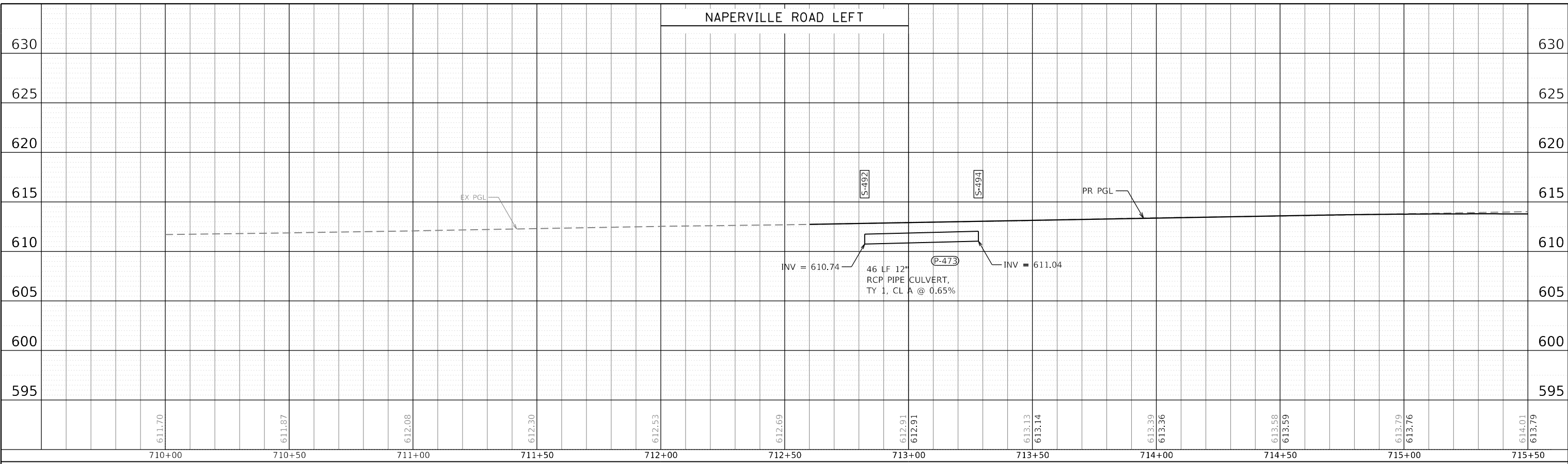


	FILE NAME = sht-drainage-profile-16.dgn	DESIGNED - CPD	REVISED -	<b>STATE OF ILLINOIS</b> <b>DEPARTMENT OF TRANSPORTATION</b>	<b>DRAINAGE PROFILES</b> <b>ILLINOIS ROUTE 59</b>	F.A.U. RTE. = 0380	SECTION = 06-00040-00-FP	COUNTY = WILL	TOTAL SHEETS = 943	SHEET NO. = 444
	MODEL NAME = Default	DRAWN - JJM	REVISED -			SCALE: 1"=20'	SHEET 16 OF 24 SHEETS	STA. 3404+50 TO STA. 3410+50	CONTRACT NO. 61H34	
	PLOT SCALE = 40,0000' / in.	CHECKED - CPD	REVISED -							
	PLOT DATE = 2/20/2024 (R:32:55 AM)	DATE - 02/21/2022	REVISED -							

PLAN	SURVEYED	BY	DATE
	PLOTTED		
NOTE BOOK NO.	ALIGNMENT CHECKED		
	CADD FILE NAME		

PROFILE	SURVEYED	BY	DATE
	PLOTTED		
NOTE BOOK NO.	GRADES CHECKED		
	STRUCTURE NOTATIONS CHECKED		

PEN TABLE = Planfield\_Drainage.dwg  
 PLOT DRIVER = plotnlayershwplotf  
 FILE NAME = sht-drainage-profile-17.dgn  
 MODEL NAME = Default  
 PLOT SCALE = 40,0000' / 1" / 40  
 PLOT DATE = 2/20/2024 (R:3:56 AM)  
 DESIGNED - CPD  
 DRAWN - JJM  
 CHECKED - CPD  
 DATE - 02/21/2022  
 REVISED -  
 REVISED -  
 REVISED -  
 REVISED -  
 REVISED -  
 F.A.U. RTE. 0380  
 SECTION 06-00040-00-FP  
 COUNTY WILL  
 TOTAL SHEETS 943  
 SHEET NO. 445  
 CONTRACT NO. 61H34  
 ILLINOIS FED. AID PROJECT



FILE NAME = sht-drainage-profile-17.dgn	DESIGNED - CPD	REVISED -
MODEL NAME = Default	DRAWN - JJM	REVISED -
PLOT SCALE = 40,0000' / 1" / 40	CHECKED - CPD	REVISED -
PLOT DATE = 2/20/2024 (R:3:56 AM)	DATE - 02/21/2022	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

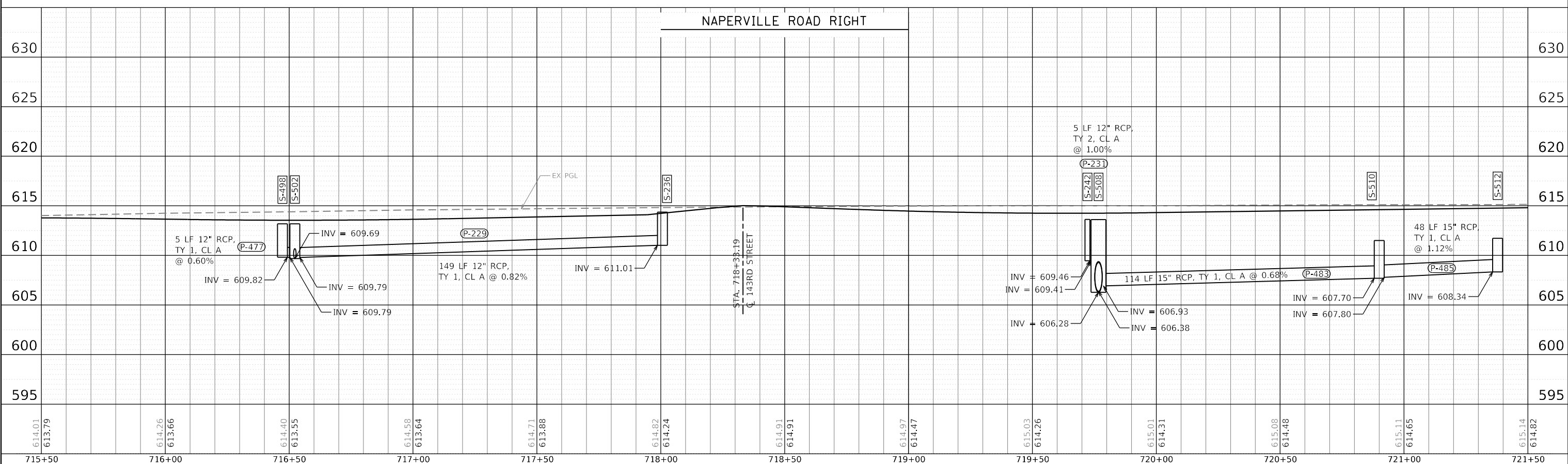
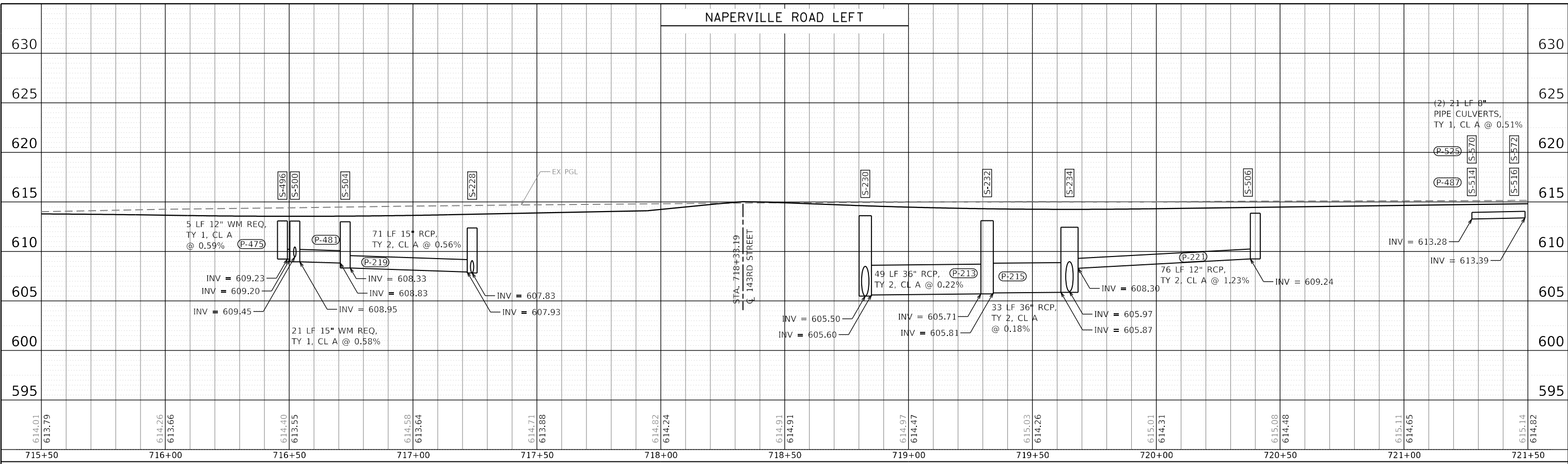
<b>DRAINAGE PROFILES    NAPERVILLE ROAD</b>	
SCALE: 1"=20'	SHEET 17 OF 24 SHEETS
STA. 709+50	TO STA. 715+50

F.A.U. RTE. 0380	SECTION 06-00040-00-FP	COUNTY WILL	TOTAL SHEETS 943	SHEET NO. 445
CONTRACT NO. 61H34			ILLINOIS FED. AID PROJECT	

PLAN	SURVEYED	DATE
	PLOTTED	
	ALIGNED	
	CHECKED	
	CADD FILE NAME	
	NO.	

PROFILE	SURVEYED	DATE
	PLOTTED	
	GRADES CHECKED	
	STRUCTURE NOTATION CHECKED	
	NO.	

PEN TABLE = P:\PenTable.dwg  
 PLOT DRIVER = P:\PLOTDRIVER.dwg  
 L:\P\11611602400\_143rdDrawRoadway\CADD\_Sheets\Zach Escherds



FILE NAME =	sht-drainage-profile-18.dgn	DESIGNED -	CPD	REVISED -	
MODEL NAME =	Default	DRAWN -	JJM	REVISED -	
PLOT SCALE =	40,0000' / 1"	CHECKED -	CPD	REVISED -	
PLOT DATE =	2/20/2024 (R3:257 AM)	DATE -	02/21/2022	REVISED -	

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**DRAINAGE PROFILES  
NAPERVILLE ROAD**

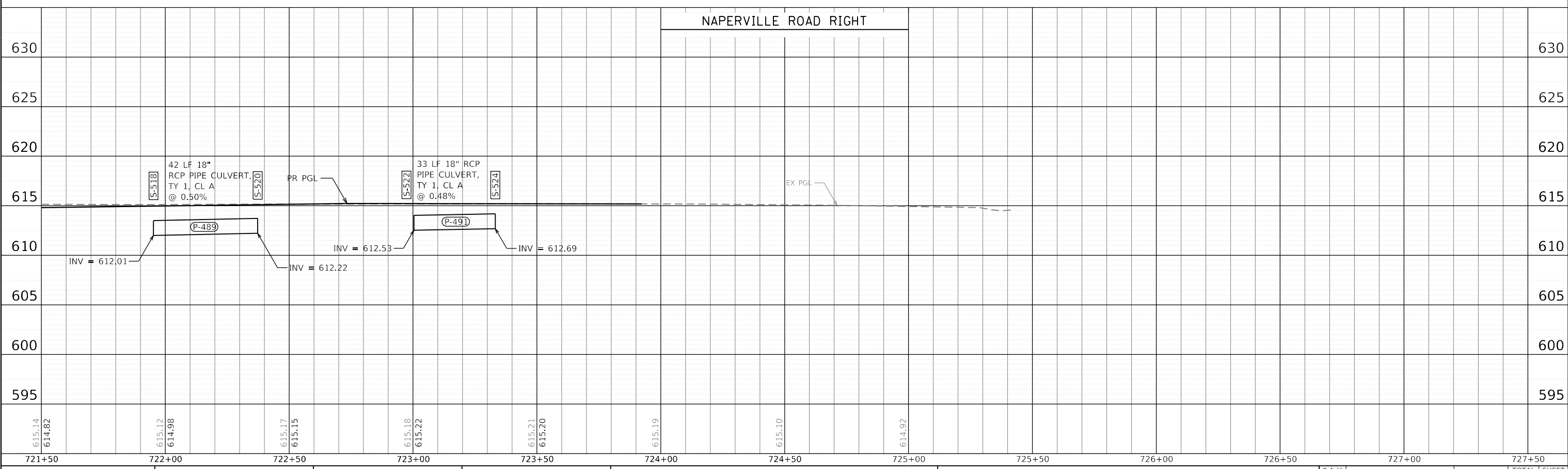
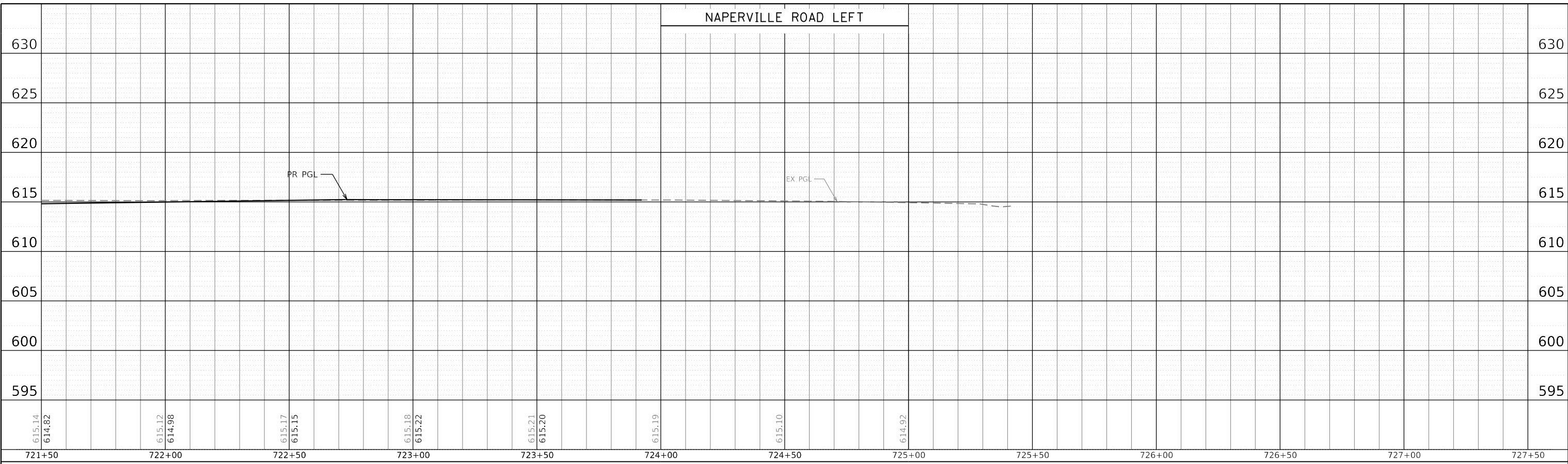
SCALE: 1"=20' SHEET 18 OF 24 SHEETS STA. 715+50 TO STA. 721+50

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0380	06-00040-00-FP	WILL	943	446
CONTRACT NO.			61H34	
ILLINOIS FED. AID PROJECT				

PLAN	SURVEYED	BY	DATE
	PLOTTED		
	ALIGNMENT CHECKED		
	GRADES CHECKED		
	STRUCTURE NOTATIONS CHECKED		
	NOTE BOOK NO.		
	CADD FILE NAME		

PROFILE	SURVEYED	BY	DATE
	PLOTTED		
	ALIGNMENT CHECKED		
	GRADES CHECKED		
	STRUCTURE NOTATIONS CHECKED		
	NOTE BOOK NO.		
	CADD FILE NAME		

PEN TABLE = PlotPen.tbl  
 PLOT DRIVER = plotNO\_LAYERShowPlot.dwg  
 L:\P\11602402-00\_143rdDrawRoadway\CADD\_Sheets\Zach\_Edwards  
 USER NAME = Zach Edwards



FILE NAME = sht-drainage-profile-19.dgn	DESIGNED - CPD	REVISED -
MODEL NAME = Default	DRAWN - JJM	REVISED -
PLOT SCALE = 40,0000' / 1"	CHECKED - CPD	REVISED -
PLOT DATE = 2/20/2024 (R3:25:58 AM)	DATE - 02/21/2022	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

DRAINAGE PROFILES  
NAPERVILLE ROAD

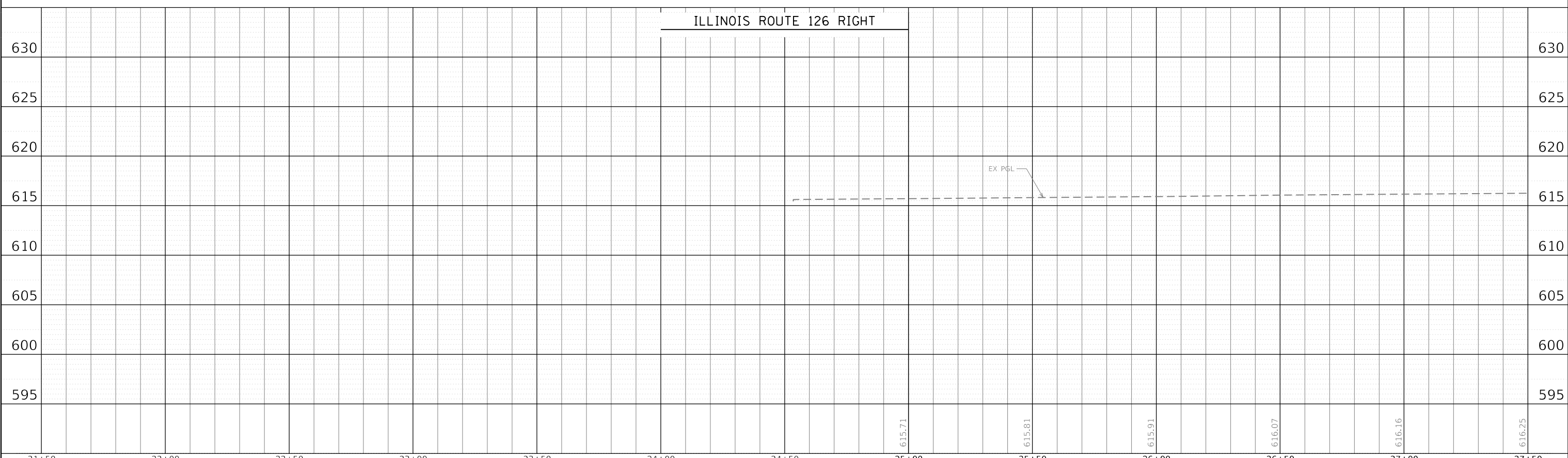
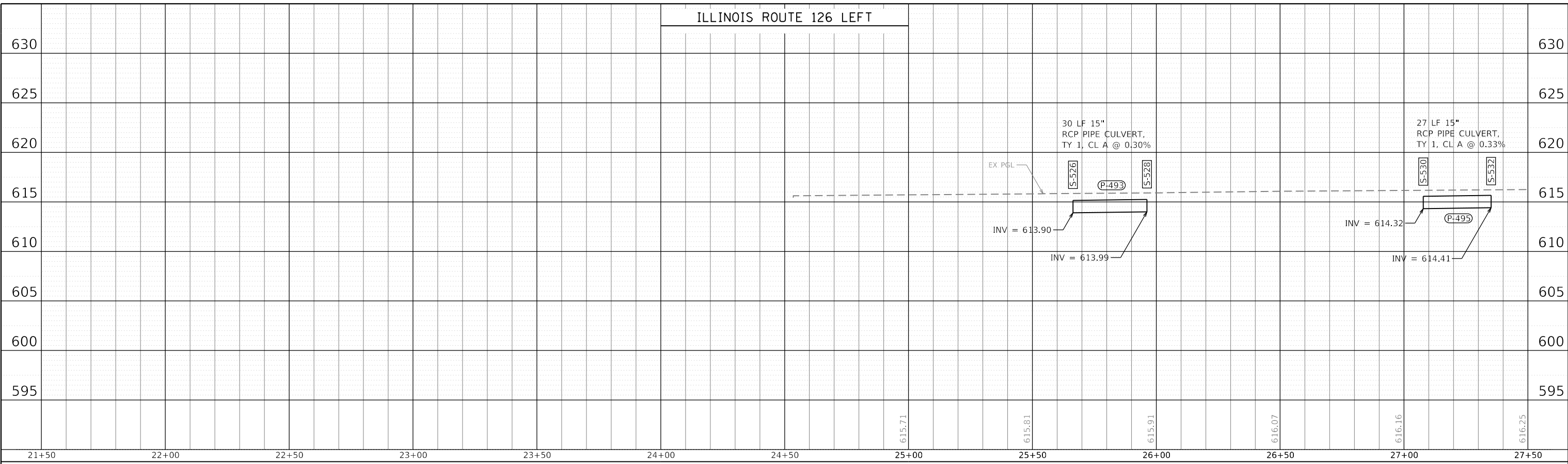
SCALE: 1"=20' SHEET 19 OF 24 SHEETS STA. 721+50 TO STA. 727+50

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0380	06-00040-00-FP	WILL	943	447
CONTRACT NO. 61H34				
ILLINOIS FED. AID PROJECT				

PLAN	SURVEYED	DATE
	PLOTTED	BY
NOTE BOOK NO.	ALIGNMENT CHECKED	
	CADD FILE NAME	

PROFILE	SURVEYED	DATE
	PLOTTED	BY
NOTE BOOK NO.	GRADES CHECKED	
	STRUCTURE NOTATIONS CHECKED	

PEN TABLE = PlotInid\_Drainage.dgn  
 PLOT DRIVER = pdrNO\_LAYERShow.dwg  
 DIRECTORY USER NAME = L:\P\m\m\16024002\_00\_143rdDraw\Roadway\CADD\_Sheets\Zach\_Edwards

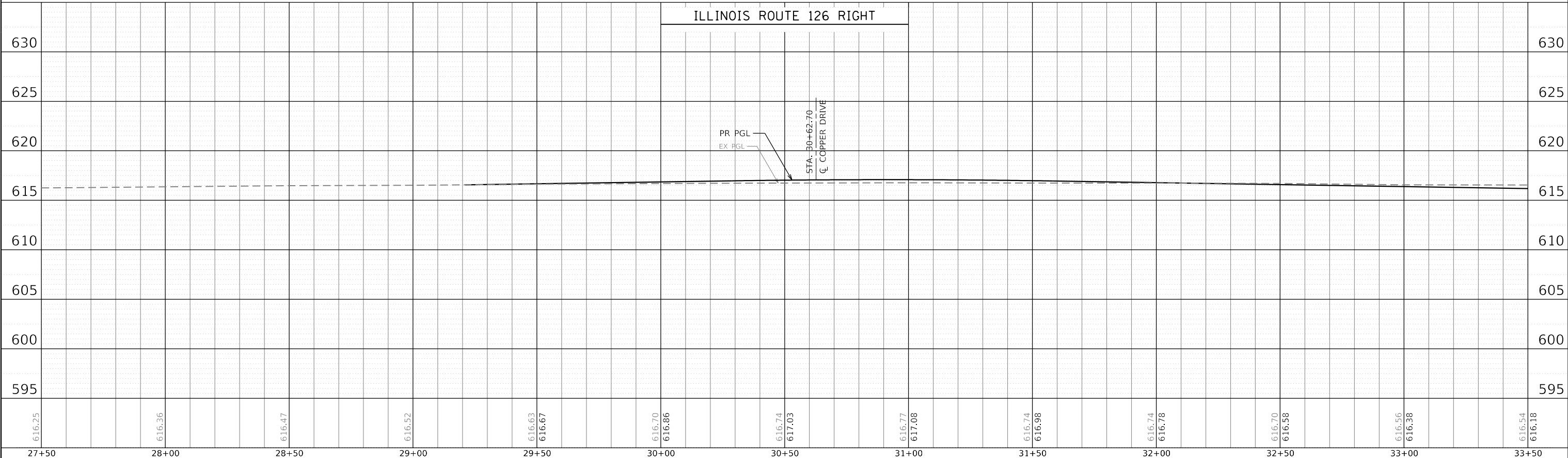
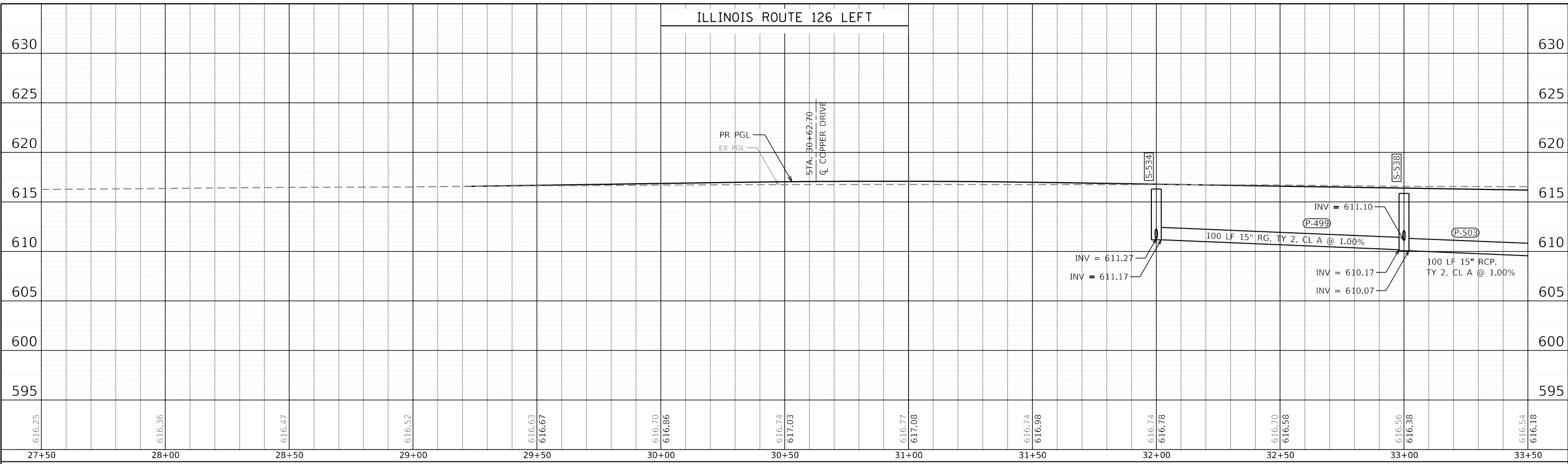


	FILE NAME = sht-drainage-profile-20.dgn	DESIGNED - CPD	REVISED -	<b>STATE OF ILLINOIS</b> <b>DEPARTMENT OF TRANSPORTATION</b>	<b>DRAINAGE PROFILES</b> <b>ILLINOIS ROUTE 126</b>		F.A.U. RTE. 0380	SECTION 06-00040-00-FP	COUNTY WILL	TOTAL SHEETS 943	SHEET NO. 448
	MODEL NAME = Default	DRAWN - JJM	REVISED -		SCALE: 1"=20'	SHEET 20 OF 24 SHEETS	STA. 21+50 TO STA. 27+50	CONTRACT NO. 61H34		ILLINOIS FED. AID PROJECT	
	PLOT SCALE = 40,0000' / in.	CHECKED - CPD	REVISED -								
	PLOT DATE = 2/20/2024 (R3:25:59 AM)	DATE - 02/21/2022	REVISED -								

PLAN	SURVEYED	BY	DATE
	PLOTTED		
	ALIGNMENT CHECKED		
	CADD FILE NAME		
	NO.		

PROFILE	SURVEYED	BY	DATE
	PLOTTED		
	GRADES CHECKED		
	STRUCTURE NOTATIONS CHECKED		
	NO.		

PEN TABLE = PlotArea\_Drainage.dgn  
 PLOT DRIVER = plotnlayershplofhp  
 L:\P\1116\11602402\00\_143\Draw\Roadway\CADD\_Sheets\Zach\_Eshwar-ds



FILE NAME = sht-drainage-profile-21.dgn	DESIGNED - CPD	REVISED -
MODEL NAME = Default	DRAWN - JJM	REVISED -
PLOT SCALE = 40,0000' / 1"	CHECKED - CPD	REVISED -
PLOT DATE = 2/20/2024 (R:3:30 AM)	DATE - 02/21/2022	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

DRAINAGE PROFILES  
ILLINOIS ROUTE 126

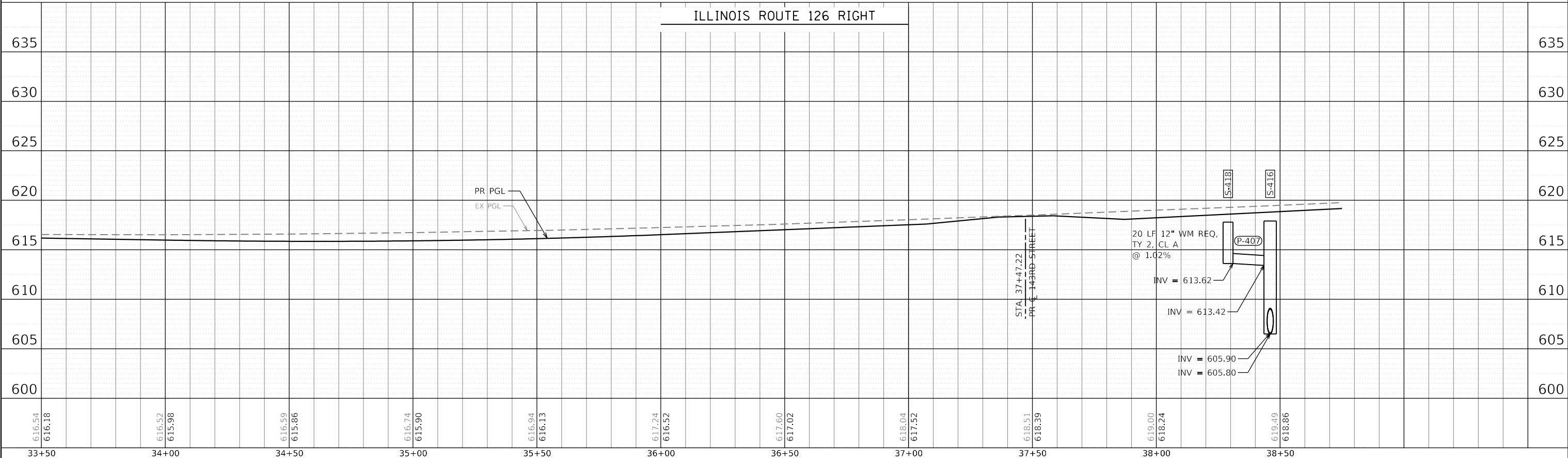
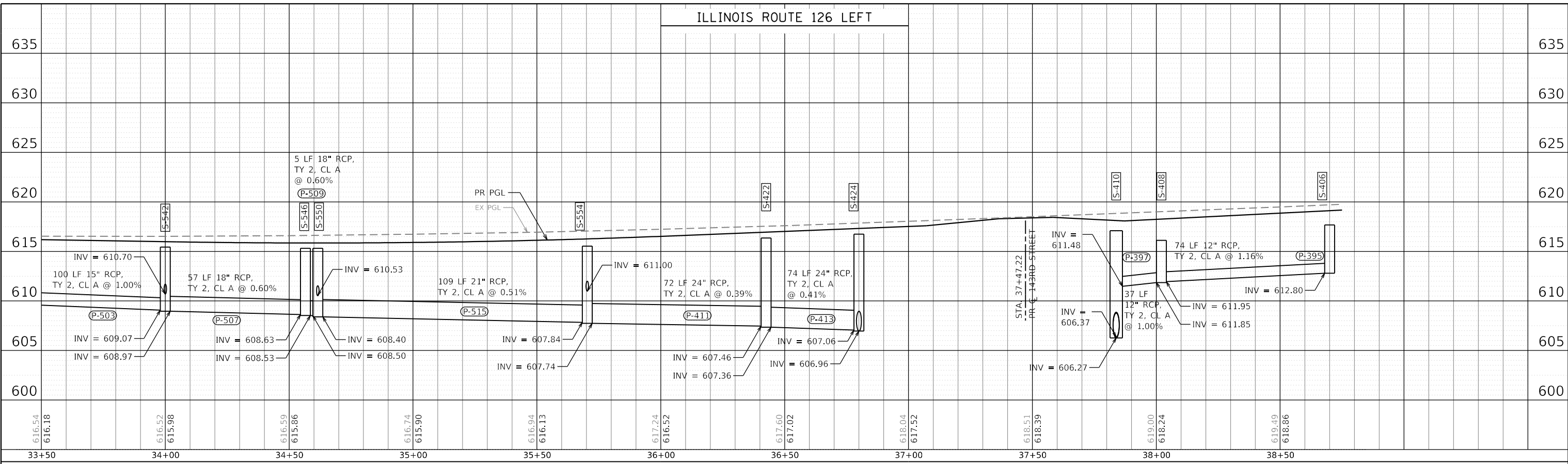
SCALE: 1"=20' SHEET 21 OF 24 SHEETS STA. 27+50 TO STA. 33+50

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0380	06-00040-00-FP	WILL	943	449
CONTRACT NO.			61H34	
ILLINOIS FED. AID PROJECT				

PLAN	SURVEYED	BY	DATE
	PLOTTED		
	ALIGNMENT CHECKED		
	GRADES CHECKED		
	STRUCTURE NOTATION CHECKED		
NOTE BOOK NO.	CADD FILE NAME		

PROFILE	SURVEYED	BY	DATE
	PLOTTED		
	GRADES CHECKED		
	STRUCTURE NOTATION CHECKED		
NOTE BOOK NO.	CADD FILE NAME		

PEN TABLE = P:\PEN\Pen.tbl  
 PLOT DRIVER = p:\PLOT\Plotter.drv  
 L:\P\Illinois\1602402-00\_143rd\Draw\Roadway\CADD\_Sheets\Zach\_Eshwar-1602402-00.dwg  
 USER NAME = Zach\_Eshwar-1602402-00.dwg  
 FILE NAME = sht-drainage-profile-22.dgn  
 MODEL NAME = Default  
 PLOT SCALE = 40,0000' / 1" (1/4" = 40,000' / 1")  
 PLOT DATE = 2/20/2024 (R:3:30:1 AM)  
 DESIGNED - CPD  
 DRAWN - JJM  
 CHECKED - CPD  
 DATE - 02/21/2022  
 REVISED -  
 REVISED -  
 REVISED -  
 REVISED -



FILE NAME	= sht-drainage-profile-22.dgn
MODEL NAME	= Default
PLOT SCALE	= 40,0000' / 1"
PLOT DATE	= 2/20/2024 (R:3:30:1 AM)

DESIGNED	-	CPD	REVISED	-
DRAWN	-	JJM	REVISED	-
CHECKED	-	CPD	REVISED	-
DATE	-	02/21/2022	REVISED	-

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

DRAINAGE PROFILES  
ILLINOIS ROUTE 126

SCALE: 1"=20' SHEET 22 OF 24 SHEETS STA. 33+50 TO STA. 38+75

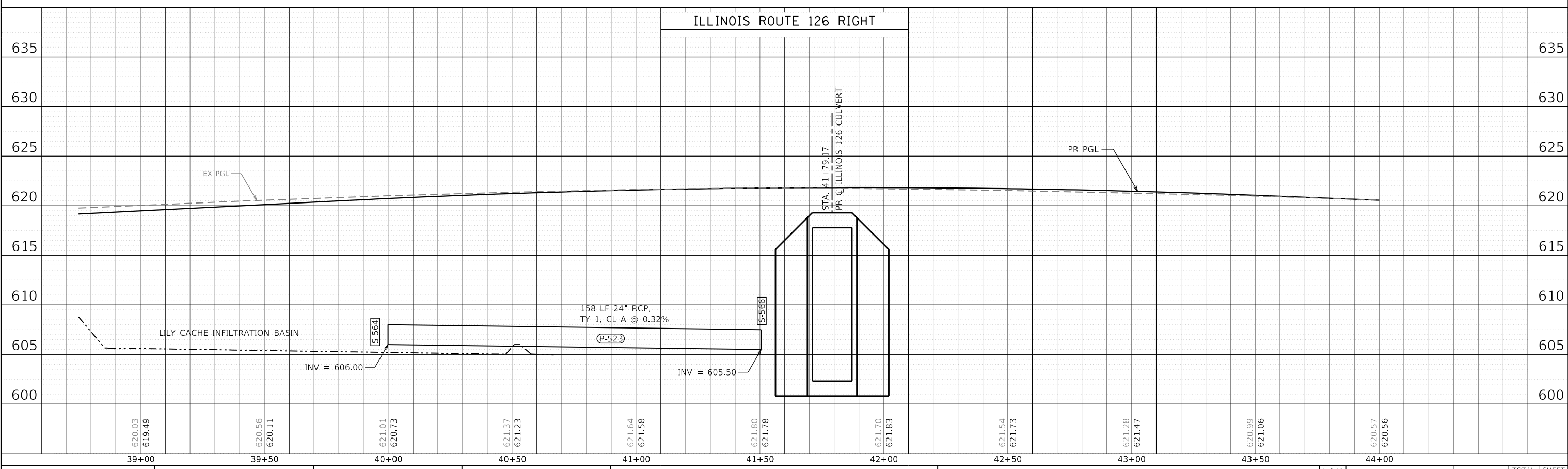
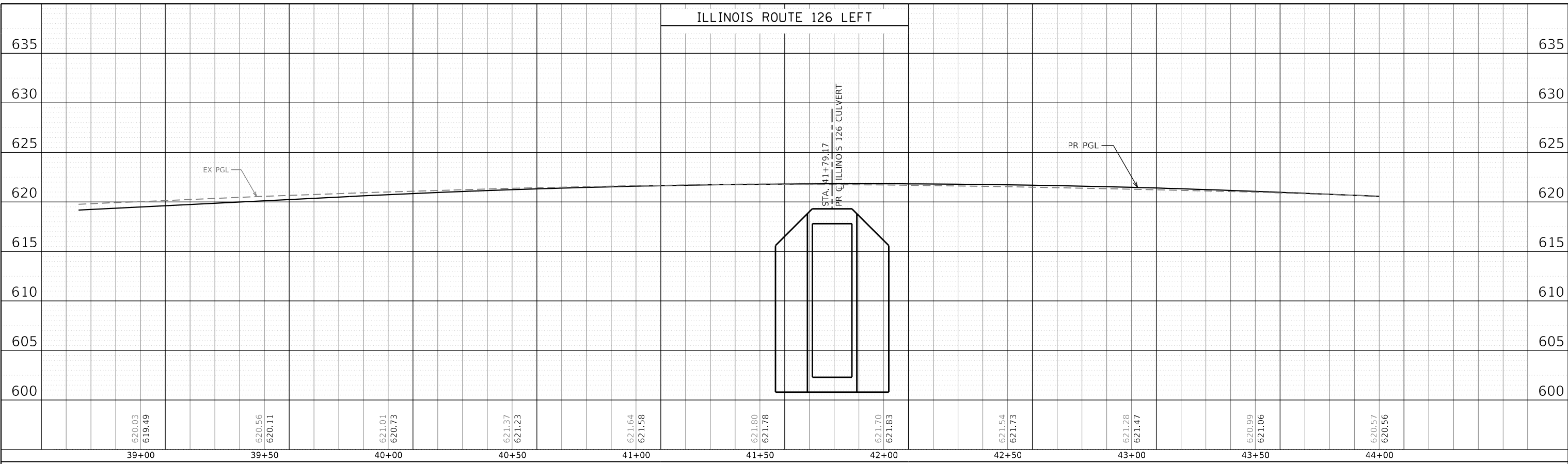
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0380	06-00040-00-FP	WILL	943	450
CONTRACT NO.			61H34	
ILLINOIS FED. AID PROJECT				



PLAN	SURVEYED	DATE
NOTE BOOK	GRADES CHECKED	BY
NO.	STRUCTURE NOTATION	DATE
	NO.	

PROFILE	SURVEYED	DATE
NOTE BOOK	GRADES CHECKED	BY
NO.	STRUCTURE NOTATION	DATE
	NO.	

PEN TABLE = Plotfield\_Drainage.dwg  
 PLOT DRIVER = pldrvr.plt  
 FILE NAME = sht-drainage-profile-23.dgn  
 MODEL NAME = Default  
 PLOT SCALE = 40,0000"/1"



FILE NAME = sht-drainage-profile-23.dgn  
 MODEL NAME = Default  
 PLOT SCALE = 40,0000"/1"  
 PLOT DATE = 2/20/2024 (R:3:03 AM)

DESIGNED - CPD  
 DRAWN - JJM  
 CHECKED - CPD  
 DATE - 02/21/2022

REVISED -  
 REVISED -  
 REVISED -  
 REVISED -

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**DRAINAGE PROFILES**  
**ILLINOIS ROUTE 126**

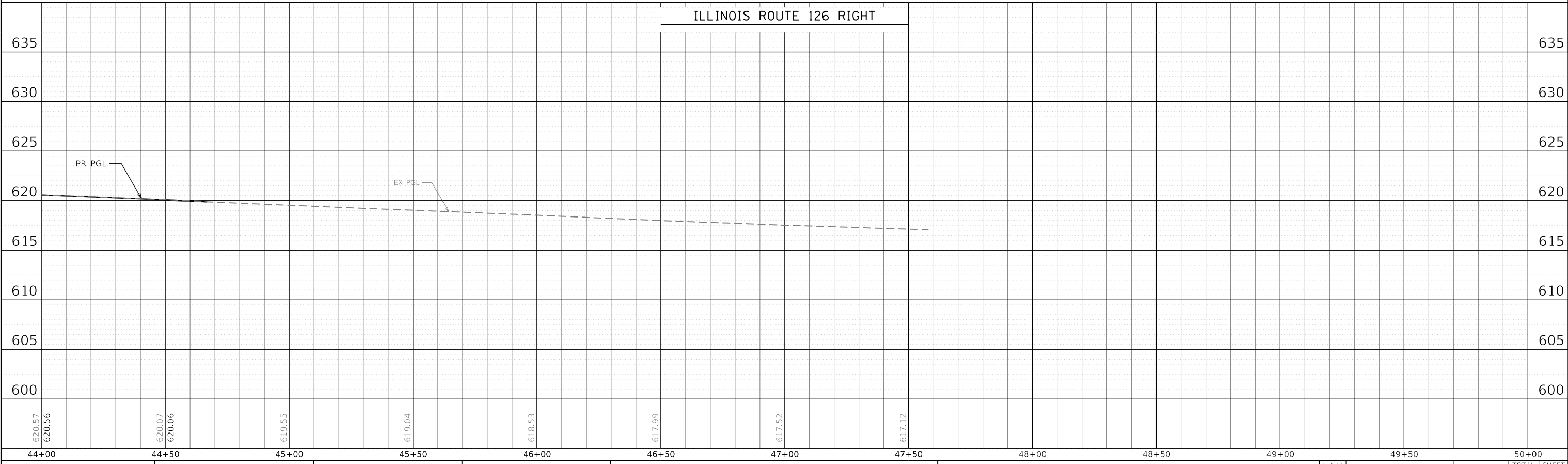
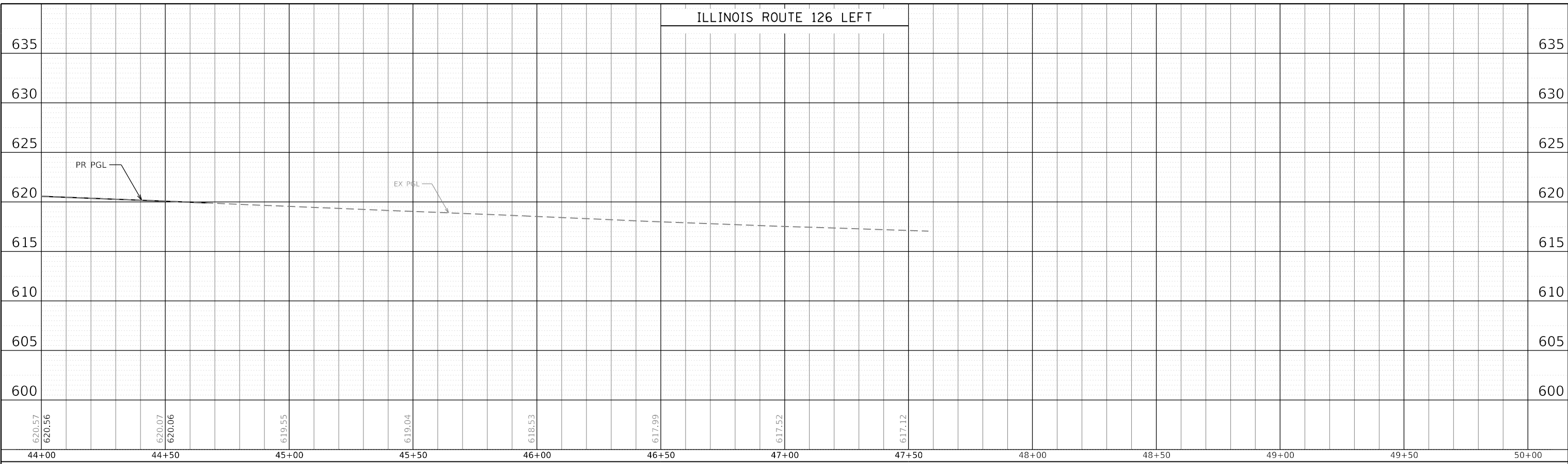
SCALE: 1"=20' SHEET 23 OF 24 SHEETS STA. 38+75 TO STA. 44+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0380	06-00040-00-FP	WILL	943	451
CONTRACT NO.			61H34	
ILLINOIS FED. AID PROJECT				

PLAN	SURVEYED	BY	DATE
	PLOTTED		
NOTE BOOK NO.	ALIGNMENT CHECKED		
	CADD FILE NAME		

PROFILE	SURVEYED	BY	DATE
	PLOTTED		
NOTE BOOK NO.	GRADES CHECKED		
	STRUCTURE NOTATIONS CHECKED		

PEN TABLE = PlanInfile\_Drainage.dgn  
 PLOT DRIVER = pdrNO\_LAYER\$hwplotf  
 DIRECTORY = L:\P\Infile\16022024\00\_143rd\Draw\Roadway\CADD\_Sheets\  
 USER NAME = Zach Escherds



FILE NAME = sht-drainage-profile-24.dgn  
 MODEL NAME = Default  
 PLOT SCALE = 40,0000' / 1in.  
 PLOT DATE = 2/20/2024 (R:3:30:4 AM)

DESIGNED - CPD  
 DRAWN - JJM  
 CHECKED - CPD  
 DATE - 02/21/2022

REVISED -  
 REVISED -  
 REVISED -  
 REVISED -

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

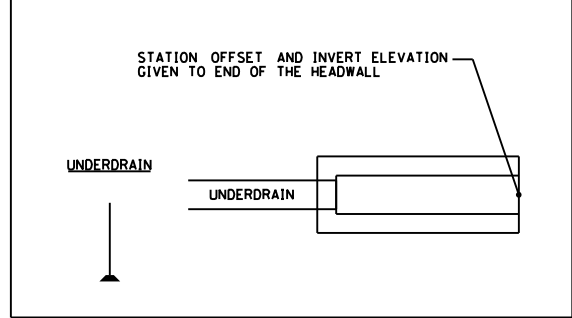
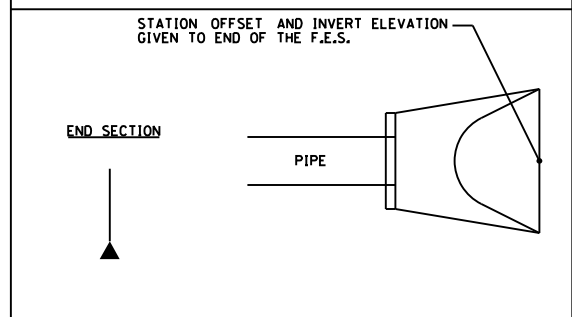
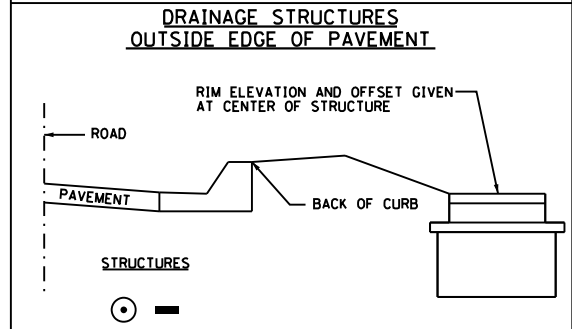
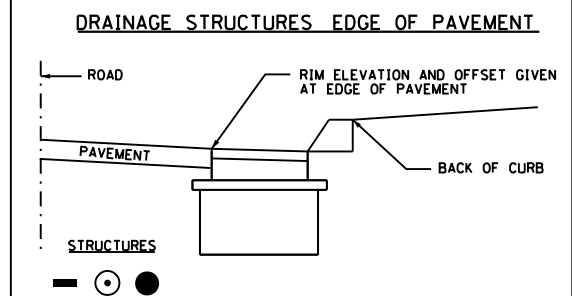
DRAINAGE PROFILES  
 ILLINOIS ROUTE 126

SCALE: 1"=20' SHEET 24 OF 24 SHEETS STA. 44+00 TO STA. 50+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0380	06-00040-00-FP	WILL	943	452
CONTRACT NO.			61H34	
ILLINOIS		FED. AID PROJECT		

### DRAINAGE STRUCTURE SCHEDULE

STRUCTURE NO.	PAY ITEM NO.	TYPE	STATION	OFFSET	RIM ELEV.	INVERT (N)	INVERT (S)	INVERT (E)	INVERT (W)	FRAME & GRATE
S-96	60237470	INLET TY A	506+80.00	21.0 LT	616.09		611.79			TY 24 F&G
S-98	60237470	INLET TY A	506+80.00	22.0 RT	616.56		613.01			
S-100	54213657	12" FES	507+73.00	40.3' LT	612.97		612.97			N/A
S-102	60237470	INLET TY A	507+73.00	22.2' LT	615.55	613.06				TY 24 F&G
S-104	60240328	INLET TY B	507+73.00	25.3' RT	615.74		607.50			TY 24 F&G
S-106	60223800	MH TY A 6'	507+73.00	42.3' RT	615.90	607.00		604.90	604.92 (EX)	TY 1 F CL
S-108	54215436	CIP END SEC	508+82.30	60.3' RT	604.79				604.79	N/A
S-110	54213657	12" FES	509+42.00	45.9' LT	609.98		609.98			N/A
S-112	60237470	INLET TY A	509+42.00	24.5' LT	614.31	610.14				TY 24 F&G
S-114	60237470	INLET TY A	509+42.00	30.4' RT	614.19		610.60			TY 24 F&G
S-116	54213657	12" FES	509+42.00	58.7' RT	610.44	610.44				N/A
S-118	54213657	12" FES	510+48.97	54.5' LT	605.87		605.87			N/A
S-120	60240328	INLET TY B	510+50.00	27.6' LT	613.48	606.70				TY 24 F&G
S-122	60237470	INLET TY A	510+50.00	32.2' RT	613.39		609.75			TY 24 F&G
S-124	54213657	12" FES	510+50.00	60.7' RT	609.52	609.52				N/A
S-126	54213657	12" FES	511+29.17	50.7' LT	608.00		608.00			N/A
S-128	60237470	INLET TY A	511+55.00	31.6' LT	612.65	608.48				TY 24 F&G
S-130	60237470	INLET TY A	511+55.00	36.6' RT	612.55		607.00			TY 24 F&G
S-132	60223800	MH TY A 6'	511+22.87	59.1' RT	610.00	605.83		600.98	600.98	TY 1 F CL
S-134		WINGWALL CONNECTION	511+11.80	69.9' RT	600.95			600.95		N/A
S-136	60237470	INLET TY A	513+50.00	33.0' LT	610.18			606.40		TY 24 F&G
S-138	60237470	INLET TY A	513+25.00	45.0' RT	610.33		605.90			TY 24 F&G
S-140	60200105	CB TY A 4'	513+25.00	71.5' RT	609.39	605.10		601.37	601.37	TY 1 F OL
S-142	60221000	MH TY A 5'	513+97.84	46.5' LT	608.91		601.83	601.93	605.30	TY 1 F OL
S-144	60201340	CB TY A 4'	514+20.00	45.0' RT	609.16	601.59	601.59			TY 24 F&G



#### N E S T E E N E N O T E S

1. ALL INLETS AND MANHOLES SHALL HAVE A POURED CONCRETE BENCH CONSTRUCTED BEFORE THE RESPECTIVE STORM SEWER IS PUT INTO SERVICE THE COST FOR THE CONSTRUCTION OF THE CONCRETE BENCH SHALL BE CONSIDERED INCLUDED IN TO THE COST OF EACH STORM SEWER STRUCTURE INLETS AND MANHOLES .
2. COST TO CONNECT UNDERDRAIN TO PROPOSED STRUCTURES AT THE LOCATIONS SHOWN ON THE PLANS SHALL BE CONSIDERED INCLUDED IN THE COST OF THE UNDERDRAIN.

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USER NAME  
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= Zach\_Edwards



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DESIGNED - CPD  
DRAWN - JJM  
CHECKED - CPD  
DATE - 09/29/2023

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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**DRAINAGE SCHEDULE**

SCALE: 1"=20'      SHEET 1    OF 15 SHEETS    STA.                      TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0380	06-00040-00-FP	WILL	943	453
CONTRACT NO.			61H34	
ILLINOIS FED. AID PROJECT				

### DRAINAGE STRUCTURE SCHEDULE

STRUCTURE NO.	PAY ITEM NO.	TYPE	STATION	OFFSET	RIM ELEV.	INVERT (N)	INVERT (S)	INVERT (E)	INVERT (W)	FRAME & GRATE
S-146	60218300	MH TY A 4'	513+97.84	72.0' RT	608.36	601.51			601.51	TY 1 F OL
S-148	60201340	CB TY A 4'	515+05.36	33.2' LT	609.03			602.90	602.80	TY 24 F&G
S-150	60240328	INLET TY B	515+10.36	33.4' LT	609.03				602.95	TY 24 F&G
S-152a	60203905	CB TY A 5'	3400+60.00	38.0' LT	610.54	604.84	604.74		606.04	TY 1 F CL
S-152	60237470	INLET TY A	3400+60.00	44.6' LT	610.41			606.08		TY 24 F&G
S-154	60237470	INLET TY A	515+05.36	45.0' RT	608.79			605.93		TY 24 F&G
S-156	60201340	CB TY A 4'	515+10.36	45.0' RT	608.79			605.82	605.90	TY 24 F&G
S-158	60221100	MH TY A 5'	515+59.39	68.1' RT	609.40	603.97	603.87	605.50	605.50	TY 1 F CL
S-160	60237470	INLET TY A	515+76.94	72.1' RT	608.99				605.60	TY 24 F&G
S-162	60205040	CB TY A 5'	3400+56.54	43.6' RT	610.24	605.00	604.90			TY 24 F&G
S-164	60223800	MH TY A 6'	3399+75.36	46.2' RT	609.85	604.22	602.92	603.52		TY 1 F CL
S-166	60205040	CB TY A 5'	3398+81.10	44.7' RT	609.36	602.67	602.57			TY 24 F&G
S-168	60201340	CB TY A 4'	518+16.00	45.0' LT	608.30		604.70	604.80		TY 24 F&G
S-170	X6022040	MH TY A 4'	518+16.00	9.0' RT	608.92	604.40	604.30		603.84	TY 11V F&G
S-172	60201340	CB TY A 4'	518+16.00	33.0' RT	608.44	604.40	604.40	604.90		TY 24 F&G
S-172A	60218400	MH TY A 4'	518+16.00	43.0' RT	609.50	604.44		604.44		TY 1 F CL
S-174	60237470	INLET TY A	518+33.70	45.0' LT	608.24				604.95	TY 24 F&G
S-176	60237470	INLET TY A	519+00.00	45.0' LT	608.56		605.46			TY 24 F&G
S-176A	60218400	MH TY A 4'	519+00.00	43.0' RT	609.86	605.05		605.05	604.80	TY 1 F CL
S-178	60237470	INLET TY A	518+21.00	33.0' RT	608.44				604.95	TY 24 F&G
S-180	60237470	INLET TY A	520+00.00	45.0' LT	609.68		606.28			TY 24 F&G
S-182	60201340	CB TY A 4'	520+00.00	33.0' RT	609.92	605.87	605.77			TY 24 F&G
S-182A	60218400	MH TY A 4'	520+00.00	43.0' RT	610.98	605.73		605.68	605.58	TY 1 F CL
S-184	60237470	INLET TY A	521+00.00	45.0' LT	610.83		607.33			TY 24 F&G
S-186	60201340	CB TY A 4'	521+00.00	33.0' RT	611.07	606.84	606.74			TY 24 F&G

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 = Zach\_Edwards



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DESIGNED - CPD  
 DRAWN - JJM  
 CHECKED - CPD  
 DATE - 09/29/2023

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 REVISED -

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**DRAINAGE SCHEDULE**

SCALE: 1"=20'    SHEET 2    OF 15 SHEETS    STA.    TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0380	06-00040-00-FP	WILL	943	454
CONTRACT NO. 61H34				
ILLINOIS FED. AID PROJECT				

### DRAINAGE STRUCTURE SCHEDULE

STRUCTURE NO.	PAY ITEM NO.	TYPE	STATION	OFFSET	RIM ELEV.	INVERT (N)	INVERT (S)	INVERT (E)	INVERT (W)	FRAME & GRATE
S-186A	60218400	MH TY A 4'	521+00.00	43.0' RT	611.14	606.69			606.21	TY 1 F CL
S-188	60237470	INLET TY A	522+00.00	45.0' LT	611.98		608.58			TY 24 F&G
S-188A	60218400	MH TY A 4'	522+00.00	45.6' RT	611.26	608.04		607.80		TY 1 F CL
S-190	60237470	INLET TY A	523+30.00	37.8' LT	613.62		609.62			TY 24 F&G
S-192	60201340	CB TY A 4'	523+30.00	9.0' LT	614.20	609.40	609.30			TY 24 F&G
S-194	60201340	CB TY A 4'	523+30.00	9.0' RT	614.20	609.15	609.05			TY 24 F&G
S-196	60201340	CB TY A 4'	523+30.00	33.0' RT	613.72	608.86	608.76			TY 24 F&G
S-196A	60218400	MH TY A 4'	523+30.00	45.6' RT	612.75	608.65		606.79	607.04	TY 1 F CL
S-198	54213663	18" FES	524+40.00	84.0' LT	604.97		604.97			N/A
S-200	60218400	MH TY A 4'	524+40.00	45.6' RT	613.60	606.01		608.35	606.11	TY 1 F CL
S-202	60237470	INLET TY A	525+60.00	33.0' LT	616.36		612.00			TY 24 F&G
S-204	60201340	CB TY A 4'	525+60.00	33.0' RT	616.36	611.01	610.61			TY 24 F&G
S-204A	60218400	MH TY A 4'	525+60.00	45.6' RT	614.15	610.41			609.41	TY 1 F CL
S-206	60100060	HEADWALL	526+77.27	57.8' LT	600.12				600.12	N/A
S-208	54213681	36" FES	535+63.24	57.3' LT	604.00			604.00		GRATE
S-210	X0326358	TREATMENT	536+16.13	51.6' LT	613.10			604.40	604.30	TY 1 F CL
S-212	60223800	MH TY A 6'	536+40.00	49.2' LT	613.70		608.90	604.59	604.49	TY 1 F CL
S-214	60201340	CB TY A 4'	536+40.00	33.0' LT	613.58	608.97	609.07			TY 24 F&G
S-216	60237470	INLET TY A	536+40.00	33.0' RT	613.58	609.40				TY 24 F&G
S-218	60205040	CB TY A 5'	537+98.77	33.0' LT	612.41			605.01	604.91	TY 24 F&G
S-220	60237470	INLET TY A	537+98.77	33.0' RT	612.41			608.24		TY 24 F&G
S-222	60224039	MH TY A 6'	538+03.77	33.0' LT	612.41		607.19	605.12	605.02	TY 24 F&G
S-224	60201110	CB TY A 4'	538+03.77	9.0' LT	612.89	607.24	607.34			TY 11V F&G
S-226	60219540	MH TY A 4'	538+03.77	33.0' RT	612.41	607.43		607.53	608.21	TY 24 F&G
S-228	60201340	CB TY A 4'	538+81.43	53.3' RT	612.37		607.93		607.83	TY 24 F&G

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 - plotnlayershow.dwg

DIRECTORY  
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 - Zach\_Edwards



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 PLOT DATE = 2/20/2024 (R:3:09 AM)

DESIGNED - CPD  
 DRAWN - JJM  
 CHECKED - CPD  
 DATE - 09/29/2023

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 REVISED -

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**DRAINAGE SCHEDULE**

SCALE: 1"=20'      SHEET 3      OF 15 SHEETS      STA.      TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0380	06-00040-00-FP	WILL	943	455
CONTRACT NO. 61H34				
ILLINOIS FED. AID PROJECT				

### DRAINAGE STRUCTURE SCHEDULE

STRUCTURE NO.	PAY ITEM NO.	TYPE	STATION	OFFSET	RIM ELEV.	INVERT (N)	INVERT (S)	INVERT (E)	INVERT (W)	FRAME & GRATE
S-230	60221000	MH TY A 5'	539+90.00	66.6' LT	613.60	605.60			605.50	TY 1 F OL
S-232	60203805	CB TY A 5'	719+31.73	42.1' LT	613.11	605.81	605.71			TY 1 F OL
S-234	60224445	MH TY A 7'	719+64.98	44.4' LT	612.44	608.30	605.87	605.97		TY 1 F OL
S-236	60237470	INLET TY A	540+17.45	45.9' RT	614.37		611.01			TY 24 F&G
S-238	60224039	MH TY A 6'	719+64.98	30.0' LT	613.65		609.43	606.10	606.00	TY 24 F&G
S-240	60237470	INLET TY A	719+59.98	30.0' LT	613.65	609.48				TY 24 F&G
S-242	60237470	INLET TY A	719+72.23	36.0' RT	613.63	609.46				TY 24 F&G
S-244	54213675	30" FES	3397+95.87	65.8' LT	603.50	603.50				GRATE
S-246	60205040	CB TY A 5'	542+40.00	33.0' LT	615.09		606.99		606.89	TY 24 F&G
S-248	X6022055	MH TY A 6'	542+40.00	9.0' RT	615.57	607.13	610.68	607.23		TY 11V F&G
S-250	60237470	INLET TY A	542+40.00	33.0' RT	615.09	610.92				TY 24 F&G
S-252	60237470	INLET TY A	543+50.00	33.0' LT	614.27		610.10			TY 24 F&G
S-254	60223800	MH TY A 6'	543+50.00	3.6' RT	615.25	609.80	609.80	607.45	607.35	TY 1 F CL
S-256	60237470	INLET TY A	543+50.00	33.0' RT	614.27	610.10				TY 24 F&G
S-258	60237470	INLET TY A	544+67.27	33.0' LT	613.85				609.68	TY 24 F&G
S-260	60201340	CB TY A 4'	544+62.27	33.0' LT	613.85		609.55	609.65		TY 24 F&G
S-262	60201330	CB TY A 4'	544+62.27	8.5' LT	614.33	609.43	609.33			TY 23 F&G
S-264	60224039	MH TY A 6'	544+62.27	9.0' RT	614.32	609.26	609.43	607.67	607.57	TY 24 F&G
S-266	60201340	CB TY A 4'	544+62.27	33.0' RT	613.85	609.55		609.65		TY 24 F&G
S-268	60237470	INLET TY A	544+67.27	33.0' RT	613.85				609.68	TY 24 F&G
S-270	60237470	INLET TY A	545+40.00	31.4' LT	614.05		609.88			TY 24 F&G
S-272	60205040	CB TY A 5'	545+40.00	9.0' RT	614.53	609.65	609.65	607.88	607.78	TY 24 F&G
S-274	60237470	INLET TY A	545+40.00	33.0' RT	614.05	609.88				TY 24 F&G
S-276	60237470	INLET TY A	546+30.00	29.4' LT	614.55		610.38			TY 24 F&G
S-278	60205040	CB TY A 5'	546+30.00	9.0' RT	615.03	610.15	610.15	608.10	608.00	TY 24 F&G

PLOT DRIVER  
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 plotlayershow.dwg

DIRECTORY  
 USER NAME  
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DESIGNED - CPD  
 DRAWN - JJM  
 CHECKED - CPD  
 DATE - 09/29/2023

REVISED -  
 REVISED -  
 REVISED -  
 REVISED -

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**DRAINAGE SCHEDULE**

SCALE: 1"=20'      SHEET 4      OF 15 SHEETS      STA.      TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0380	06-00040-00-FP	WILL	943	456
CONTRACT NO.			61H34	
ILLINOIS FED. AID PROJECT				

### DRAINAGE STRUCTURE SCHEDULE

STRUCTURE NO.	PAY ITEM NO.	TYPE	STATION	OFFSET	RIM ELEV.	INVERT (N)	INVERT (S)	INVERT (E)	INVERT (W)	FRAME & GRATE
S-280	60237470	INLET TY A	546+30.00	33.0' RT	614.55	610.38				TY 24 F&G
S-282	60237470	INLET TY A	547+40.00	27.0' LT	615.17		611.00			TY 24 F&G
S-284	60201340	CB TY A 4'	547+40.00	3.0' LT	615.65	610.89	610.79			TY 24 F&G
S-286	60222240	MH TY A 5'	547+40.00	9.0' RT	615.65	610.73	610.89	608.35	608.25	TY 24 F&G
S-288	60237470	INLET TY A	547+40.00	33.0' RT	615.17	611.00				TY 24 F&G
S-290	60237470	INLET TY A	549+95.00	23.0' LT	615.32		611.15			TY 24 F&G
S-292	60205040	CB TY A 5'	549+95.00	9.0' RT	615.80	611.00	611.00	608.78	608.68	TY 24 F&G
S-294	60237470	INLET TY A	549+95.00	33.0' RT	615.32	611.15				TY 24 F&G
S-296	60237470	INLET TY A	551+00.00	23.0' LT	614.79		610.62			TY 24 F&G
S-298	60201340	CB TY A 4'	551+00.00	1.0' RT	615.27	610.50	610.40			TY 24 F&G
S-300	60222240	MH TY A 5'	551+00.00	9.0' RT	615.27	610.36	610.50	609.02	608.92	TY 24 F&G
S-302	60237470	INLET TY A	551+00.00	33.0' RT	614.79	610.62				TY 24 F&G
S-304	60237470	INLET TY A	551+75.00	23.0' LT	614.42		610.25			TY 24 F&G
S-306	60205040	CB TY A 5'	551+75.00	9.0' RT	614.90	610.00	610.00	609.25	609.15	TY 24 F&G
S-308	60237470	INLET TY A	551+75.00	33.0' RT	614.42	610.25				TY 24 F&G
S-310	60237470	INLET TY A	552+55.00	23.0' LT	614.23				610.06	TY 24 F&G
S-312	60201340	CB TY A 4'	552+50.00	23.0' LT	614.23		609.93	610.03		TY 24 F&G
S-314	60201340	CB TY A 4'	552+50.00	1.0' RT	614.71	609.82	609.72			TY 24 F&G
S-316	60219540	MH TY A 4'	552+50.00	9.0' RT	614.71	609.68	609.68	609.48	609.38	TY 24 F&G
S-318	60201340	CB TY A 4'	552+50.00	33.0' RT	614.23	609.93		610.03		TY 24 F&G
S-320	60237470	INLET TY A	552+55.00	33.0' RT	614.23				610.06	TY 24 F&G
S-322	60237470	INLET TY A	553+50.00	23.0' LT	614.54		610.37			TY 24 F&G
S-324	60201340	CB TY A 4'	553+50.00	1.0' RT	615.02	610.25	610.15			TY 24 F&G
S-326	60201340	CB TY A 4'	553+50.00	9.0' RT	615.02	610.11	610.11	609.94	609.84	TY 24 F&G
S-328	60237470	INLET TY A	553+50.00	33.0' RT	614.54	610.37				TY 24 F&G

PLOT DRIVER  
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 Plot: PLOTDRIVER

DIRECTORY  
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DESIGNED - CPD  
 DRAWN - JJM  
 CHECKED - CPD  
 DATE - 09/29/2023

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 REVISED -  
 REVISED -

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**DRAINAGE SCHEDULE**

SCALE: 1"=20'      SHEET 5      OF 15 SHEETS      STA.      TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0380	06-00040-00-FP	WILL	943	457
CONTRACT NO.			61H34	
ILLINOIS FED. AID PROJECT				

### DRAINAGE STRUCTURE SCHEDULE

STRUCTURE NO.	PAY ITEM NO.	TYPE	STATION	OFFSET	RIM ELEV.	INVERT (N)	INVERT (S)	INVERT (E)	INVERT (W)	FRAME & GRATE
S-330	60237470	INLET TY A	554+35.00	23.0' LT	614.97		610.80			TY 24 F&G
S-332	60219540	MH TY A 4'	554+35.00	9.0' RT	615.45	610.60	610.60	610.38	610.28	TY 24 F&G
S-334	60237470	INLET TY A	554+35.00	33.0' RT	614.97	610.80				TY 24 F&G
S-336	60237470	INLET TY A	555+25.00	23.0' LT	615.42		611.25			TY 24 F&G
S-338	60201340	CB TY A 4'	555+25.00	9.0' RT	615.90	611.05	611.05	610.87	610.77	TY 24 F&G
S-340	60237470	INLET TY A	555+25.00	33.0' RT	615.42	611.25				TY 24 F&G
S-342	60237470	INLET TY A	556+35.00	23.0' LT	615.97		611.80			TY 24 F&G
S-344	60219540	MH TY A 4'	556+35.00	9.0' RT	616.45	611.61	611.61		611.35	TY 24 F&G
S-346	60237470	INLET TY A	556+35.00	33.0' RT	615.97	611.80				TY 24 F&G
S-348	60237470	INLET TY A	559+00.00	24.0' LT	616.08		611.91			TY 24 F&G
S-350	60219540	MH TY A 4'	559+00.00	9.0' RT	616.56	611.76	611.76	611.66		TY 24 F&G
S-352	60237470	INLET TY A	559+00.00	33.0' RT	616.08	611.91				TY 24 F&G
S-354	60237470	INLET TY A	560+00.00	26.2' LT	615.67		611.50			TY 24 F&G
S-356	60201340	CB TY A 4'	560+00.00	9.0' RT	616.15	611.27	611.27	610.92	611.02	TY 24 F&G
S-358	60237470	INLET TY A	560+00.00	33.0' RT	615.67	611.50				TY 24 F&G
S-360	60237470	INLET TY A	561+00.00	28.5' LT	615.26		611.09			TY 24 F&G
S-362	X6022040	MH TY A 4'	561+00.00	7.4' RT	615.77	610.86	610.86	610.18	610.28	TY 11V F&G
S-364	60237470	INLET TY A	561+00.00	33.0' RT	615.26	611.09				TY 24 F&G
S-366	60237470	INLET TY A	562+00.00	30.7' LT	614.85		610.68			TY 24 F&G
S-368	60201110	CB TY A 4'	562+00.00	1.4' RT	615.45	610.49	610.49	609.57	609.67	TY 11V F&G
S-370	60237470	INLET TY A	562+00.00	33.0' RT	614.85	610.68				TY 24 F&G
S-372	60237470	INLET TY A	563+00.00	32.9' LT	614.44		610.27			TY 24 F&G
S-374	X6022040	MH TY A 4'	563+00.00	3.0' LT	615.10	610.09	610.09	608.97	609.07	TY 11V F&G
S-376	60237470	INLET TY A	563+00.00	33.0' RT	614.44	610.27				TY 24 F&G
S-378	60237470	INLET TY A	563+90.00	33.0' LT	614.07		609.90			TY 24 F&G

PLOT DRIVER  
 PlotTable  
 PlotDriver

DIRECTORY  
 L:\Projects\1602420240\_143rdDrawRoadway\CADD\_Sheets\...  
 USER NAME  
 Zach Edwards



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FILE NAME = sht-drainage-schedule-06.dgn  
 MODEL NAME = Default  
 PLOT SCALE = 40,0000' / in.  
 PLOT DATE = 2/20/2024 (R:33:12 AM)

DESIGNED - CPD  
 DRAWN - JJM  
 CHECKED - CPD  
 DATE - 09/29/2023

REVISED -  
 REVISED -  
 REVISED -  
 REVISED -

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**DRAINAGE SCHEDULE**

SCALE: 1"=20'      SHEET 6      OF 15 SHEETS      STA.      TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0380	06-00040-00-FP	WILL	943	458
CONTRACT NO.			61H34	
ILLINOIS FED. AID PROJECT				



### DRAINAGE STRUCTURE SCHEDULE

STRUCTURE NO.	PAY ITEM NO.	TYPE	STATION	OFFSET	RIM ELEV.	INVERT (N)	INVERT (S)	INVERT (E)	INVERT (W)	FRAME & GRATE
S-380	60201340	CB TY A 4'	563+90.00	9.0' LT	614.55	609.70	609.70	608.50	608.60	TY 24 F&G
S-382	60237470	INLET TY A	563+90.00	33.0' RT	614.07	609.90				TY 24 F&G
S-384	60237470	INLET TY A	565+00.00	33.0' LT	613.62		609.44			TY 24 F&G
S-386	60222240	MH TY A 5'	565+00.00	9.0' LT	614.10	609.20	609.20	607.95	608.05	TY 24 F&G
S-388	60237470	INLET TY A	565+00.00	33.0' RT	613.62	609.44				TY 24 F&G
S-390	60237470	INLET TY A	565+69.78	33.0' LT	613.40			609.23		TY 24 F&G
S-392	60201340	CB TY A 4'	565+74.78	33.0' LT	613.40		609.09		609.19	TY 24 F&G
S-394	60222240	MH TY A 5'	565+74.78	9.0' LT	613.88	608.89	608.89	607.36	607.70	TY 24 F&G
S-396	60201340	CB TY A 4'	565+74.78	33.0' RT	613.40	609.10			609.20	TY 24 F&G
S-398	60237470	INLET TY A	565+69.78	33.0' RT	613.40			609.23		TY 24 F&G
S-400	60237470	INLET TY A	567+10.00	40.8' LT	614.16		609.99			TY 24 F&G
S-402	60205040	CB TY A 5'	567+10.00	9.0' LT	614.79	609.75	609.75	606.92	607.02	TY 24 F&G
S-404	60237470	INLET TY A	567+10.00	33.0' RT	614.31	609.99				TY 24 F&G
S-406	60237470	INLET TY A	38+70.00	43.8' LT	617.68				612.80	TY 24 F&G
S-408	60201340	CB TY A 4'	568+99.52	86.2' LT	616.12		611.85	611.95		TY 24 F&G
S-410	60221000	MH TY A 5'	569+14.22	52.7' LT	617.09	611.48		606.27	606.37	TY 1 F OL
S-412	60205040	CB TY A 5'	37+92.14	21.0' LT	617.72		613.44	606.12	606.22	TY 24 F&G
S-414	60237470	INLET TY A	37+87.14	21.0' LT	617.66	613.49				TY 24 F&G
S-416	60205040	CB TY A 5'	38+46.00	45.0' RT	617.91		613.42	605.80	605.90	TY 24 F&G
S-418	60237470	INLET TY A	570+14.24	40.3' LT	617.79	613.62				TY 24 F&G
S-420	54213675	30" FES	570+94.62	73.9' LT	605.60				605.60	GRATE
S-422	60219540	MH TY A 4'	36+42.53	30.0' LT	616.35		607.46	607.36		TY 24 F&G
S-424	60201340	CB TY A 4'	36+80.00	33.2' RT	616.74			606.96	607.06	TY 24 F&G
S-426	60221100	MH TY A 5'	508+58.38	46.0' RT	615.01			604.82	604.82	TY 1 F CL
S-428	60219540	MH TY A 4'	571+40.00	32.9' RT	615.50	605.96			606.06	TY 24 F&G

PENT TABLE  
 PLOT DRIVER  
 = Plainfield\_Screen.tbl  
 = plotnlayershow.dwg

DIRECTORY  
 USER NAME  
 = L:\Plainfield\1602420240\_143rdDrawRoadway\CADD\_Sheets\  
 = Zach\_Edwards



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FILE NAME = sht-drainage-schedule-07.dgn  
 MODEL NAME = Default  
 PLOT SCALE = 40,0000' / in.  
 PLOT DATE = 2/20/2024 (R33:13 AM)

DESIGNED - CPD  
 DRAWN - JJM  
 CHECKED - CPD  
 DATE - 09/29/2023

REVISED -  
 REVISED -  
 REVISED -  
 REVISED -

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**DRAINAGE SCHEDULE**

SCALE: 1"=20'      SHEET 7      OF 15 SHEETS      STA.      TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0380	06-00040-00-FP	WILL	943	459
CONTRACT NO.			61H34	
ILLINOIS FED. AID PROJECT				

### DRAINAGE STRUCTURE SCHEDULE

STRUCTURE NO.	PAY ITEM NO.	TYPE	STATION	OFFSET	RIM ELEV.	INVERT (N)	INVERT (S)	INVERT (E)	INVERT (W)	FRAME & GRATE
S-430	60201340	CB TY A 4'	571+40.00	21.0' LT	615.73	605.64	605.74			TY 24 F&G
S-432	54213669	24" FES	571+40.00	60.2' LT	605.48		605.48			GRATE
S-434	60237470	INLET TY A	572+87.23	26.1' RT	613.85	609.68				TY 24 F&G
S-436	60201340	CB TY A 4'	572+87.23	16.4' LT	614.05		609.40		606.87	TY 24 F&G
S-438	54213657	12" FES	572+43.18	52.9' LT	605.58			605.58		N/A
S-440	54213681	36" FES	3396+33.12	60.7' RT	601.50	601.50				GRATE
S-442	60221100	MH TY A 5'	3396+66.68	41.7' RT	610.06	601.70	601.60			TY 1 F CL
S-444	60205040	CB TY A 5'	3397+30.00	41.1' RT	609.77	601.97	601.87			TY 24 F&G
S-446	60205040	CB TY A 5'	3397+90.00	44.7' RT	609.48	602.23	602.13			TY 24 F&G
S-448	60205040	CB TY A 5'	3398+40.00	44.7' RT	609.35	602.46	602.36			TY 24 F&G
S-450	60237470	INLET TY A	3400+90.00	44.6' LT	610.62			606.40		TY 24 F&G
S-452	60203905	CB TY A 5'	3400+90.00	38.0' LT	610.75	605.07	604.97		606.36	TY 1 F CL
S-454	60237470	INLET TY A	3401+50.00	44.6' LT	611.03			606.86		TY 24 F&G
S-456	60203905	CB TY A 5'	3401+50.00	38.0' LT	611.16	605.42	605.32		606.82	TY 1 F CL
S-458	60223800	MH TY A 6'	3401+76.55	39.6' RT	611.53	606.80 (EX)	605.80	606.30		TY 1 F CL
S-460	60200105	CB TY A 4'	3401+76.28	47.5' RT	610.05				606.40	TY 1 F OL
S-462	60237470	INLET TY A	3402+10.00	44.6' LT	611.39			607.20		TY 24 F&G
S-464	60203905	CB TY A 5'	3402+10.00	38.0' LT	611.52	605.77	605.67		607.16	TY 1 F CL
S-466	60237470	INLET TY A	3402+70.00	44.6' LT	611.83			607.66		TY 24 F&G
S-468	60221100	MH TY A 5'	3402+70.00	38.0' LT	611.96	606.12	606.02		607.62	TY 1 F CL
S-470	60237470	INLET TY A	3403+30.00	44.6' LT	612.26			608.09		TY 24 F&G
S-472	60203905	CB TY A 5'	3403+30.00	38.0' LT	612.39	606.47	606.37		608.05	TY 1 F CL
S-474	60237470	INLET TY A	3403+90.00	44.6' LT	612.66			608.48		TY 24 F&G
S-476	60203905	CB TY A 5'	3403+90.00	38.0' LT	612.79	606.82	606.72		608.44	TY 1 F CL
S-478	60237470	INLET TY A	3404+50.00	44.6' LT	613.08			608.90		TY 24 F&G

PLOT DRIVER  
 = PlotField\_Screen.tbl  
 = plotnlayershow.dwg

DIRECTORY  
 USER NAME  
 = L:\P\p\p\1602420240\_143rdDrawRoadway\CADD\_Sheets\Zach\_Edwards



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FILE NAME = sht-drainage-schedule-08.dgn  
 MODEL NAME = Default  
 PLOT SCALE = 40,0000' / in.  
 PLOT DATE = 2/20/2024 (R:33:14 AM)

DESIGNED - CPD  
 DRAWN - JJM  
 CHECKED - CPD  
 DATE - 09/29/2023

REVISED -  
 REVISED -  
 REVISED -  
 REVISED -

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**DRAINAGE SCHEDULE**

SCALE: 1"=20'      SHEET 8      OF 15 SHEETS      STA.      TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0380	06-00040-00-FP	WILL	943	460
CONTRACT NO.			61H34	
ILLINOIS FED. AID PROJECT				

### DRAINAGE STRUCTURE SCHEDULE

STRUCTURE NO.	PAY ITEM NO.	TYPE	STATION	OFFSET	RIM ELEV.	INVERT (N)	INVERT (S)	INVERT (E)	INVERT (W)	FRAME & GRATE
S-480	60203905	CB TY A 5'	3404+50.00	37.5' LT	613.22	607.17	607.07		608.86	TY 1 F CL
S-482	60237470	INLET TY A	3405+25.00	42.5' LT	613.61			609.44		TY 24 F&G
S-484	60203905	CB TY A 5'	3505+25.00	37.0' LT	613.72	607.59	607.49		609.40	TY 1 F CL
S-486	60236200	INLET TY A	3406+70.16	49.9' LT	612.91			609.70		TY 8 G
S-488	60205040	CB TY A 5'	3406+23.22	36.6' LT	614.40	608.10	608.00			TY 24 F&G
S-490	60221100	MH TY A 5'	3406+70.16	39.9' LT	614.97	608.34 (EX)	608.33	609.60	609.60	TY 1 F CL
S-492	54213657	12" FES	712+82.29	25.0' LT	610.74	610.74				N/A
S-494	54213657	12" FES	713+28.22	25.1' LT	611.04		611.04			N/A
S-496	60237470	INLET TY A	716+47.30	23.3' LT	613.08	609.23				TY 24 F&G
S-498	60237470	INLET TY A	716+47.30	18.0' RT	613.19	609.82				TY 24 F&G
S-500	60219540	MH TY A 4'	716+52.30	24.1' LT	613.07	608.95	609.20	609.45		TY 24 F&G
S-502	60201340	CB TY A 4'	716+52.30	18.0' RT	613.19	609.79	609.79		609.69	TY 24 F&G
S-504	60201340	CB TY A 4'	716+72.62	28.3' LT	613.00	608.33	608.83			TY 24 F&G
S-506	60237470	INLET TY A	720+40.00	30.0' LT	613.85		609.24			TY 24 F&G
S-508	60224039	MH TY A 6'	719+76.70	33.7' RT	613.62	606.93	609.41	606.38	606.28	TY 24 F&G
S-510	60200105	CB TY A 4'	720+90.00	38.7' RT	611.50	607.80	607.70			TY 1 F OL
S-512	60236200	INLET TY A	721+37.77	38.4' RT	611.73		608.34			TY 8 G
S-514	54213654	8" FES	721+27.44	40.2' LT	613.28	613.28				N/A
S-516	54213654	8" FES	721+48.94	38.5' LT	613.39		613.39			N/A
S-518	54213663	18" FES	721+95.26	37.5' RT	612.01	612.01				GRATE
S-520	54213663	18" FES	722+37.28	34.6' RT	612.22		612.22			GRATE
S-522	54213663	18" FES	723+00.37	30.8' RT	612.53	612.53				GRATE
S-524	54213663	18" FES	723+33.22	29.1' RT	612.69		612.69			GRATE
S-526	54213660	15" FES	25+66.37	30.4' LT	613.90	613.90				GRATE
S-528	54213660	15" FES	25+96.24	30.7' LT	613.99		613.99			GRATE

PENT TABLE  
 PLOT DRIVER  
 - Plainfield\_Screen.tbl  
 - plotnlayershow.dwg

DIRECTORY  
 USER NAME  
 - L:\Plainfield\1602420240\_143rdDrawRoadway\CADD\_Sheets\  
 - Zach\_Edwards



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FILE NAME = sht-drainage-schedule-09.dgn  
 MODEL NAME = Default  
 PLOT SCALE = 40,0000' / 1in.  
 PLOT DATE = 2/20/2024 (R:33:15 AM)

DESIGNED - CPD  
 DRAWN - JJM  
 CHECKED - CPD  
 DATE - 09/29/2023

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 REVISED -  
 REVISED -  
 REVISED -

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**DRAINAGE SCHEDULE**

SCALE: 1"=20'      SHEET 9      OF 15 SHEETS      STA.      TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0380	06-00040-00-FP	WILL	943	461
CONTRACT NO.			61H34	
ILLINOIS FED. AID PROJECT				

### DRAINAGE STRUCTURE SCHEDULE

STRUCTURE NO.	PAY ITEM NO.	TYPE	STATION	OFFSET	RIM ELEV.	INVERT (N)	INVERT (S)	INVERT (E)	INVERT (W)	FRAME & GRATE
S-530	54213660	15" FES	27+07.79	31.7' LT	614.32	614.32				GRATE
S-532	54213660	15" FES	27+35.14	31.6' LT	614.41		614.41			GRATE
S-534	60201340	CB TY A 4'	32+00.00	24.2' LT	616.30	611.17		611.27		TY 24 F&G
S-536	60237470	INLET TY A	32+00.00	33.0' RT	616.12				611.95	TY 24 F&G
S-538	60201340	CB TY A 4'	33+00.00	26.2' LT	615.86	610.07	610.17	611.10		TY 24 F&G
S-540	60237470	INLET TY A	33+00.00	33.0' RT	615.72				611.56	TY 24 F&G
S-542	60219540	MH TY A 4'	34+00.00	27.0' LT	615.44	608.97	609.07	610.70		TY 24 F&G
S-544	60237470	INLET TY A	34+00.00	33.0' RT	615.32				611.16	TY 24 F&G
S-546	60201340	CB TY A 4'	34+56.56	27.0' LT	615.31	608.53	608.63			TY 24 F&G
S-548	60237470	INLET TY A	34+56.56	33.0' RT	615.19	611.02				TY 24 F&G
S-550	60201340	CB TY A 4'	34+61.56	27.0' LT	615.31	608.40	608.50	610.53		TY 24 F&G
S-552	60201340	CB TY A 4'	34+61.56	33.0' RT	615.19		610.99		610.89	TY 24 F&G
S-554	60201340	CB TY A 4'	35+70.34	35.9' LT	615.53	607.74	607.84	611.00		TY 24 F&G
S-556	60237470	INLET TY A	35+81.29	33.0' RT	615.70				611.53	TY 24 F&G
S-558	60237470	INLET TY A	40+00.00	33.0' LT	620.07			614.64		TY 24 F&G
S-560	60201340	CB TY A 4'	40+00.00	35.9' RT	620.01			610.50	613.74	TY 24 F&G
S-562	60237470	INLET TY A	3406+70.16	33.8' LT	614.75				609.70	TY 24 F&G
S-564	54213669	24" FES	572+48.16	97.5' LT	606.00	606.00				GRATE
S-566	54213669	24" FES	41+50.55	161.9' RT	605.50		605.50			GRATE
S-568	54213657	12" FES	40+00.00	94.4' RT	608.00				608.00	N/A
S-570	54213654	8" FES	721+27.29	38.2' LT	613.28	613.28				N/A
S-572	54213654	8" FES	721+48.77	36.5' LT	613.39		613.39			N/A
S-574	54213654	8" FES	526+88.87	64.6' LT	599.84	599.84				N/A
S-576	54213654	8" FES	527+05.17	93.1' LT	599.52		599.52			N/A

PLOT DRIVER  
 PlotTable  
 PlotDriver

DIRECTORY = L:\P\160240240\_143rdDrawRoadway\CADD\_Sheets\  
 USER NAME = Zach\_Edwards



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FILE NAME = sht-drainage-schedule-10.dgn  
 MODEL NAME = Default  
 PLOT SCALE = 40,0000' / in.  
 PLOT DATE = 2/20/2024 (R:33:16 AM)

DESIGNED - CPD  
 DRAWN - JJM  
 CHECKED - CPD  
 DATE - 09/29/2023

REVISED -  
 REVISED -  
 REVISED -  
 REVISED -

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**DRAINAGE SCHEDULE**

SCALE: 1"=20'      SHEET 10 OF 15 SHEETS      STA.      TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0380	06-00040-00-FP	WILL	943	462
CONTRACT NO. 61H34				
ILLINOIS FED. AID PROJECT				

### DRAINAGE PIPE SCHEDULE

PIPE NO.	PAY ITEM NO.	CLASS	TYPE	SIZE (IN.)	STRUCTURE		LENGTH (FT.)	SLOPE	TRENCH BACKFILL (CU. YD.)
					FROM	TO			
P-101	550A0050	A	1	12	S-102	S-100	18.1	0.50%	-----
P-103	550A0340	A	2	12	S-104	S-106	17.0	2.93%	18.7
P-105	550A0450	A	2	36	S-106	S-426	85.3	0.09%	160.3
P-107	550A0340	A	2	12	S-112	S-110	21.4	0.75%	0.8
P-109	550A0050	A	1	12	S-114	S-116	28.3	0.57%	4.4
P-111	550A2520	A, RG	2	12	S-120	S-118	27.0	3.08%	2.9
P-113	550A0050	A	1	12	S-122	S-124	28.5	0.81%	4.4
P-115	550A2320	A, RG	1	12	S-128	S-126	32.1	1.50%	1.5
P-117	550A0050	A	1	12	S-130	S-132	39.2	2.98%	5.6
P-119	550A0410	A	2	24	S-132	S-134	15.5	0.19%	-----
P-121	550A0410	A	2	24	S-140	S-132	202.5	0.19%	31.6
P-123	550A0050	A	1	12	S-136	S-142	49.7	2.21%	5.5
P-125	550A0340	A	2	12	S-138	S-140	26.5	3.02%	5.7
P-127	550A0410	A	2	24	S-146	S-140	72.9	0.19%	-----
P-129	550A0380	A	2	18	S-142	S-144	94.1	0.26%	74.6
P-131	550A0400	A	2	21	S-144	S-146	34.9	0.23%	33.4
P-133	550A0360	A	2	15	S-148	S-142	108.3	0.80%	71.4
P-135	550A0340	A	2	12	S-150	S-148	5.0	1.00%	1.8
P-137	550A0140	A	1	30	S-152	S-158	180.2	0.43%	49.9
P-139a	550A0140	A	2	12	S-152	S-152a	6.6	0.60%	1.2
P-139	Z0056658	A, WM REQ	1	30	S-452	S-152	30.7	0.42%	9.6
P-141	550A0050	A	1	12	S-154	S-156	5.0	0.60%	0.2
P-143	550A2320	A, RG	1	12	S-156	S-158	54.2	0.59%	9.4
P-145	550A0050	A	1	12	S-160	S-158	18.0	0.56%	1.8
P-147	550A0140	A	1	30	S-458	S-162	120.1	0.67%	33.3

PIPE NO.	PAY ITEM NO.	CLASS	TYPE	SIZE (IN.)	STRUCTURE		LENGTH (FT.)	SLOPE	TRENCH BACKFILL (CU. YD.)
					FROM	TO			
P-149	550A0140	A	1	30	S-162	S-164	81.2	0.84%	21.1
P-151	550A0450	A	2	36	S-164	S-166	94.3	0.27%	63.0
P-153	550A0450	A	2	36	S-166	S-448	41.1	0.27%	27.5
P-155	550A0120	A	1	24	S-170	S-164	123.6	0.26%	39.9
P-157	550A0070	A	1	15	S-168	S-170	54.0	0.56%	7.7
P-159	550A0090	A	1	18	S-172	S-170	24.0	0.42%	3.7
P-159A	550A0090	A	1	18	S-172A	S-172	10.0	0.40%	0.9
P-161	550A0050	A	1	12	S-174	S-168	17.7	0.85%	1.4
P-163	550A0050	A	1	12	S-176	S-176A	88.0	0.47%	11.7
P-163A	550A0380	A	2	18	S-176A	S-172A	83.7	0.43%	-----
P-165	550A0050	A	1	12	S-178	S-172	5.0	1.00%	0.4
P-167	550A0050	A	1	12	S-180	S-182	78.0	0.53%	8.6
P-167A	550A0340	A	2	12	S-182	S-182A	10.0	0.40%	1.0
P-169	550A0360	A	2	15	S-182A	S-176A	99.6	0.53%	-----
P-171	550A0050	A	1	12	S-184	S-186	78.0	0.63%	10.3
P-171A	550A0340	A	2	12	S-186	S-186A	10.0	0.50%	0.8
P-173	550A0360	A	2	15	S-186A	S-182A	99.6	0.53%	-----
P-175	550A0070	A	1	15	S-188A	S-196A	129.4	0.59%	-----
P-175A	550A0050	A	1	12	S-188	S-188A	90.6	0.60%	5.7
P-177	550A0050	A	1	12	S-190	S-192	28.8	0.76%	5.3
P-179	550A0340	A	2	12	S-192	S-194	18.0	0.83%	4.4
P-181	550A0360	A	2	15	S-194	S-196	24.0	0.79%	5.9
P-181A	550A0070	A	1	15	S-196	S-196A	12.6	0.87%	0.9
P-183	550A0380	A	2	18	S-196A	S-200	109.6	0.62%	-----
P-185	550A0380	A	2	18	S-200	S-198	129.5	0.80%	60.7

PLOT DRIVER = plotnlayershow.plt  
 PLOT TABLE = Plainfield\_Screen.tbl

DIRECTORY = L:\Plainfield\160240240\_143rdDrawRoadway\CADD\_Sheets\  
 USER NAME = Zach\_Edwards



FILE NAME = sht-drainage-schedule-11.dgn	DESIGNED - CPD	REVISED -
MODEL NAME = Default	DRAWN - JJM	REVISED -
PLOT SCALE = 40,0000' / 1"	CHECKED - CPD	REVISED -
PLOT DATE = 2/20/2024 (R3:17 AM)	DATE - 09/29/2023	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**DRAINAGE SCHEDULE**

SCALE: 1"=20'      SHEET 11 OF 15 SHEETS      STA.      TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0380	06-00040-00-FP	WILL	943	463
CONTRACT NO.			61H34	
ILLINOIS FED. AID PROJECT				

### DRAINAGE PIPE SCHEDULE

PIPE NO.	PAY ITEM NO.	CLASS	TYPE	SIZE (IN.)	STRUCTURE		LENGTH (FT.)	SLOPE	TRENCH BACKFILL (CU. YD.)
					FROM	TO			
P-187	550A0360	A	2	15	S-204A	S-200	120.0	0.88%	-----
P-189	550A0340	A	2	12	S-202	S-204	66.0	1.50%	15.6
P-189A	550A0050	A	1	12	S-204	S-204A	12.6	1.59%	1.0
P-193	550A0450	A	2	36	S-210	S-208	53.7	0.56%	-----
P-195	550A0450	A	2	36	S-212	S-210	24.2	0.37%	28.7
P-197	550A0340	A	2	12	S-214	S-212	16.2	0.43%	3.5
P-199	550A0340	A	2	12	S-216	S-214	66.0	0.50%	11.4
P-201	550A0450	A	2	36	S-218	S-212	160.7	0.20%	186.7
P-203	550A0450	A	2	36	S-222	S-218	5.0	0.20%	4.0
P-205	550A0400	A	2	21	S-224	S-222	24.0	0.21%	6.9
P-207	550A0400	A	2	21	S-226	S-224	42.0	0.21%	11.6
P-209	550A0340	A	2	12	S-220	S-226	5.0	0.60%	0.8
P-211	550A0450	A	2	36	S-230	S-222	190.0	0.20%	206.7
P-213	550A0450	A	2	36	S-232	S-230	49.4	0.22%	-----
P-215	550A0450	A	2	36	S-234	S-232	33.3	0.18%	22.5
P-217	550A0360	A	2	15	S-228	S-226	79.7	0.38%	17.0
P-219	550A0360	A	2	15	S-504	S-228	71.0	0.56%	14.3
P-221	550A0340	A	2	12	S-506	S-234	76.4	1.23%	14.0
P-223	550A0450	A	2	36	S-238	S-234	14.4	0.21%	3.3
P-225	550A0340	A	2	12	S-240	S-238	5.0	1.00%	0.8
P-227	550A2600	A, RG	2	36	S-508	S-238	64.8	0.28%	51.3
P-229	550A0050	A	1	12	S-236	S-502	149.3	0.82%	11.8
P-231	550A0340	A	2	12	S-242	S-508	5.0	1.00%	0.8
P-233	550A0450	A	2	36	S-246	S-508	150.6	0.34%	130.4
P-235	Z0056658	A, WM REQ	1	30	S-158	S-244	87.7	0.42%	-----

PIPE NO.	PAY ITEM NO.	CLASS	TYPE	SIZE (IN.)	STRUCTURE		LENGTH (FT.)	SLOPE	TRENCH BACKFILL (CU. YD.)
					FROM	TO			
P-237	550A0450	A	2	36	S-248	S-246	42.0	0.33%	42.6
P-239	550A0340	A	2	12	S-250	S-248	24.0	1.00%	4.7
P-241	550A0450	A	2	36	S-254	S-248	110.1	0.11%	106.2
P-243	550A0340	A	2	12	S-252	S-254	36.6	0.82%	8.2
P-245	550A0340	A	2	12	S-256	S-254	29.4	1.02%	6.6
P-247	550A0450	A	2	36	S-264	S-254	112.1	0.11%	86.0
P-249	550A0340	A	2	12	S-258	S-260	5.0	0.60%	0.8
P-251	550A0340	A	2	12	S-260	S-262	24.5	0.49%	5.0
P-253	550A0340	A	2	12	S-262	S-264	17.5	0.40%	4.3
P-255	550A0340	A	2	12	S-266	S-264	24.0	0.50%	4.9
P-257	550A0340	A	2	12	S-268	S-266	5.0	0.60%	0.8
P-259	550A0430	A	2	30	S-272	S-264	78.0	0.14%	51.6
P-261	550A0340	A	2	12	S-270	S-272	40.4	0.57%	7.8
P-263	550A0340	A	2	12	S-274	S-272	24.0	0.96%	4.7
P-265	550A0430	A	2	30	S-278	S-272	90.0	0.13%	61.5
P-267	550A0340	A	2	12	S-276	S-278	38.4	0.60%	7.5
P-269	550A0340	A	2	12	S-280	S-278	24.0	0.96%	4.7
P-271	550A0430	A	2	30	S-286	S-278	110.0	0.14%	85.1
P-273	550A0340	A	2	12	S-282	S-284	24.0	0.46%	4.7
P-275	550A0340	A	2	12	S-284	S-286	12.0	0.50%	2.8
P-277	550A0340	A	2	12	S-288	S-286	24.0	0.46%	4.7
P-279	550A0430	A	2	30	S-292	S-286	255.0	0.13%	197.2
P-281	550A0340	A	2	12	S-290	S-292	32.0	0.47%	6.2
P-283	550A0340	A	2	12	S-294	S-292	24.0	0.62%	4.7
P-285	550A0430	A	2	30	S-300	S-292	105.0	0.13%	69.4

PLOT DRIVER = PlotDriver  
 PLOT TABLE = PlotTable

DIRECTORY = L:\P\160240240\_143rdDrawRoadway\CADD\_Sheets\  
 USER NAME = Zach\_Edwards



FILE NAME = sht-drainage-schedule-12.dgn	DESIGNED - CPD	REVISED -
MODEL NAME = Default	DRAWN - JJM	REVISED -
PLOT SCALE = 40,0000' / 1"	CHECKED - CPD	REVISED -
PLOT DATE = 2/20/2024 (R33:19 AM)	DATE - 09/29/2023	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**DRAINAGE SCHEDULE**

SCALE: 1"=20'      SHEET 12 OF 15 SHEETS      STA.      TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0380	06-00040-00-FP	WILL	943	464
CONTRACT NO. 61H34				
ILLINOIS FED. AID PROJECT				

### DRAINAGE PIPE SCHEDULE

PIPE NO.	PAY ITEM NO.	CLASS	TYPE	SIZE (IN.)	STRUCTURE		LENGTH (FT.)	SLOPE	TRENCH BACKFILL (CU. YD.)
					FROM	TO			
P-287	550A0340	A	2	12	S-296	S-298	24.0	0.50%	4.7
P-289	550A0340	A	2	12	S-298	S-300	8.0	0.50%	1.9
P-291	550A0340	A	2	12	S-302	S-300	24.0	0.50%	4.7
P-293	550A0410	A	2	24	S-306	S-300	75.0	0.17%	27.6
P-295	550A0340	A	2	12	S-304	S-306	32.0	0.78%	6.2
P-297	550A0340	A	2	12	S-308	S-306	24.0	1.04%	4.7
P-299	550A0410	A	2	24	S-316	S-306	75.0	0.17%	22.1
P-301	550A0340	A	2	12	S-310	S-312	5.0	0.60%	0.8
P-303	550A0340	A	2	12	S-312	S-314	24.0	0.46%	4.9
P-305	550A0340	A	2	12	S-314	S-316	8.0	0.50%	2.0
P-307	550A0340	A	2	12	S-318	S-316	24.0	1.04%	5.2
P-309	550A0340	A	2	12	S-320	S-318	5.0	0.60%	0.8
P-311	550A0380	A	2	18	S-326	S-316	100.0	0.36%	26.9
P-313	550A0340	A	2	12	S-322	S-324	24.0	0.50%	4.7
P-315	550A0340	A	2	12	S-324	S-326	8.0	0.50%	1.9
P-317	550A0340	A	2	12	S-328	S-326	24.0	1.08%	4.7
P-319	550A0380	A	2	18	S-332	S-326	85.0	0.40%	21.8
P-321	550A0340	A	2	12	S-330	S-332	32.0	0.62%	6.2
P-323	550A0340	A	2	12	S-334	S-332	24.0	0.83%	4.7
P-325	550A0360	A	2	15	S-338	S-332	90.0	0.43%	23.3
P-327	550A0340	A	2	12	S-336	S-338	32.0	0.63%	6.2
P-329	550A0340	A	2	12	S-340	S-338	24.0	0.83%	4.7
P-331	550A0360	A	2	15	S-344	S-338	110.0	0.44%	28.5
P-333	550A0340	A	2	12	S-342	S-344	32.0	0.59%	6.2
P-335	550A0340	A	2	12	S-346	S-344	24.0	0.79%	4.7

PIPE NO.	PAY ITEM NO.	CLASS	TYPE	SIZE (IN.)	STRUCTURE		LENGTH (FT.)	SLOPE	TRENCH BACKFILL (CU. YD.)
					FROM	TO			
P-337	550A0340	A	2	12	S-348	S-350	33.0	0.45%	6.4
P-339	550A0340	A	2	12	S-352	S-350	24.0	0.62%	4.7
P-341	550A0360	A	2	15	S-350	S-356	100.0	0.64%	24.8
P-343	550A0340	A	2	12	S-354	S-356	35.2	0.65%	6.8
P-345	550A0340	A	2	12	S-358	S-356	24.0	0.96%	4.7
P-347	550A0360	A	2	15	S-356	S-362	100.0	0.64%	29.4
P-349	550A0340	A	2	12	S-360	S-362	35.9	0.64%	7.0
P-351	550A0340	A	2	12	S-364	S-362	25.6	0.90%	5.0
P-353	550A0380	A	2	18	S-362	S-368	100.2	0.51%	33.3
P-355	550A0340	A	2	12	S-366	S-368	32.1	0.59%	6.6
P-357	550A0340	A	2	12	S-370	S-368	31.6	0.60%	6.5
P-359	550A0380	A	2	18	S-368	S-374	100.1	0.50%	37.1
P-361	550A0340	A	2	12	S-372	S-374	29.9	0.60%	6.1
P-363	550A0340	A	2	12	S-376	S-374	36.0	0.50%	7.4
P-365	550A0400	A	2	21	S-374	S-380	90.2	0.41%	33.5
P-367	550A0340	A	2	12	S-378	S-380	24.0	0.83%	4.7
P-369	550A0340	A	2	12	S-382	S-380	42.0	0.48%	8.1
P-371	550A0400	A	2	21	S-380	S-386	110.0	0.41%	42.4
P-373	550A0340	A	2	12	S-384	S-386	24.0	1.00%	4.7
P-375	550A0340	A	2	12	S-388	S-386	42.0	0.57%	8.1
P-377	550A0410	A	2	24	S-386	S-394	74.8	0.33%	29.7
P-379	550A0340	A	2	12	S-390	S-392	5.0	0.80%	0.8
P-381	550A0340	A	2	12	S-392	S-394	24.0	0.83%	4.9
P-383	550A0340	A	2	12	S-396	S-394	42.0	0.50%	8.6
P-385	550A0340	A	2	12	S-398	S-396	5.0	0.60%	0.8

PLOT DRIVER = plotnlayershow.plt

PLOT DATE = 2/20/2024 (R:3:32:0 AM)



FILE NAME = sht-drainage-schedule-13.dgn	DESIGNED - CPD	REVISED -
MODEL NAME = Default	DRAWN - JJM	REVISED -
PLOT SCALE = 40,0000' / 1"	CHECKED - CPD	REVISED -
PLOT DATE = 2/20/2024 (R:3:32:0 AM)	DATE - 09/29/2023	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**DRAINAGE SCHEDULE**

SCALE: 1"=20'      SHEET 13 OF 15 SHEETS      STA.      TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0380	06-00040-00-FP	WILL	943	465
CONTRACT NO. 61H34				
ILLINOIS FED. AID PROJECT				

### DRAINAGE PIPE SCHEDULE

PIPE NO.	PAY ITEM NO.	CLASS	TYPE	SIZE (IN.)	STRUCTURE		LENGTH (FT.)	SLOPE	TRENCH BACKFILL (CU. YD.)
					FROM	TO			
P-387	550A0430	A	2	30	S-394	S-402	136.2	0.25%	102.3
P-389	550A0340	A	2	12	S-400	S-402	31.8	0.75%	6.5
P-391	550A0340	A	2	12	S-404	S-402	42.0	0.57%	9.0
P-393	550A0430	A	2	30	S-402	S-410	214.4	0.26%	267.3
P-395	550A0340	A	2	12	S-406	S-408	73.5	1.16%	14.3
P-397	550A0340	A	2	12	S-408	S-410	37.0	1.00%	8.7
P-399	550A0430	A	2	30	S-410	S-412	20.5	0.24%	34.3
P-401	550A0340	A	2	12	S-414	S-412	5.0	1.00%	0.8
P-403	550A0430	A	2	30	S-412	S-416	85.2	0.26%	154.2
P-405	550A2520	A, RG	2	12	S-560	S-568	58.6	4.27%	26.9
P-407	Z0056668	A, WM REQ	2	12	S-418	S-416	19.7	1.02%	3.4
P-409	550A0430	A	2	30	S-416	S-420	79.6	0.25%	91.1
P-411	550A0410	A	2	24	S-554	S-422	72.4	0.39%	73.1
P-413	550A0410	A	2	24	S-422	S-424	73.5	0.41%	89.0
P-415	550A0410	A	2	24	S-424	S-428	226.5	0.40%	288.5
P-417	550A0450	A	2	36	S-426	S-108	27.7	0.11%	26.4
P-419	550A0410	A	2	24	S-428	S-430	53.9	0.41%	69.7
P-421	550A0410	A	2	24	S-430	S-432	39.2	0.41%	6.2
P-423	550A0340	A	2	12	S-434	S-436	42.5	0.66%	7.4
P-425	550A0340	A	2	12	S-436	S-438	56.1	2.30%	33.6
P-427	550A0450	A	2	36	S-442	S-440	38.6	0.26%	-----
P-429	550A0450	A	2	36	S-444	S-442	63.3	0.27%	62.6
P-431	550A0450	A	2	36	S-446	S-444	60.1	0.27%	52.0
P-433	550A2600	A, RG	2	36	S-448	S-446	50.0	0.26%	37.1
P-435	550A0340	A	2	12	S-450	S-452	6.6	0.60%	1.2

PIPE NO.	PAY ITEM NO.	CLASS	TYPE	SIZE (IN.)	STRUCTURE		LENGTH (FT.)	SLOPE	TRENCH BACKFILL (CU. YD.)
					FROM	TO			
P-437	550A0140	A	1	30	S-456	S-452	60.0	0.42%	19.7
P-439	550A0340	A	2	12	S-454	S-456	6.6	0.60%	1.2
P-441	550A0140	A	1	30	S-464	S-456	60.0	0.42%	19.7
P-443	550A0120	A	1	24	S-460	S-458	7.9	1.26%	-----
P-445	550A0340	A	2	12	S-462	S-464	6.6	0.60%	1.2
P-447	550A0140	A	1	30	S-468	S-464	60.0	0.42%	19.7
P-449	550A0340	A	2	12	S-466	S-468	6.6	0.60%	1.2
P-451	550A0430	A	2	30	S-472	S-468	60.0	0.42%	20.7
P-453	Z0056668	A, WM REQ	2	12	S-470	S-472	6.6	0.60%	1.2
P-455	Z0056675	A, WM REQ	2	30	S-476	S-472	60.0	0.42%	21.7
P-457	Z0056668	A, WM REQ	2	12	S-474	S-476	6.6	0.60%	1.2
P-459	Z0056675	A, WM REQ	2	30	S-480	S-476	60.0	0.42%	28.0
P-461	Z0056668	A, WM REQ	2	12	S-478	S-480	7.1	0.56%	1.3
P-463	Z0056675	A, WM REQ	2	30	S-484	S-480	75.0	0.43%	35.0
P-465	Z0056668	A, WM REQ	2	12	S-482	S-484	5.5	0.72%	1.0
P-467	Z0056675	A, WM REQ	2	30	S-488	S-484	98.2	0.42%	58.3
P-469	Z0056650	A, WM REQ	1	15	S-486	S-490	9.9	1.01%	-----
P-471	Z0056675	A, WM REQ	2	30	S-490	S-488	47.1	0.49%	30.0
P-473	542A0217	A	1	12	S-494	S-492	45.9	0.65%	0.2
P-475	Z0056648	A, WM REQ	1	12	S-496	S-500	5.1	0.59%	0.7
P-477	550A0050	A	1	12	S-498	S-502	5.0	0.60%	0.4
P-479	550A2320	A, RG	1	12	S-502	S-500	42.1	0.57%	4.2
P-481	Z0056650	A, WM REQ	1	15	S-500	S-504	20.7	0.58%	3.0
P-483	550A0070	A	1	15	S-510	S-508	113.6	0.68%	15.4
P-485	550A0070	A	1	15	S-512	S-510	48.1	1.12%	37.5

PLOT DRIVER = PlotDriver

PLOT DATE = 2/20/2024 (R:3:32:1 AM)



FILE NAME = sht-drainage-schedule-14.dgn	DESIGNED - CPD	REVISED -
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PLOT SCALE = 40,0000' / 1"	CHECKED - CPD	REVISED -
PLOT DATE = 2/20/2024 (R:3:32:1 AM)	DATE - 09/29/2023	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**DRAINAGE SCHEDULE**

SCALE: 1"=20'      SHEET 14 OF 15 SHEETS      STA.      TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0380	06-00040-00-FP	WILL	943	466
CONTRACT NO. 61H34				
ILLINOIS FED. AID PROJECT				



## DRAINAGE PIPE SCHEDULE

PIPE NO.	PAY ITEM NO.	CLASS	TYPE	SIZE (IN.)	STRUCTURE		LENGTH (FT.)	SLOPE	TRENCH BACKFILL (CU. YD.)
					FROM	TO			
P-487	542A0213	A	1	8	S-516	S-514	21.4	0.51%	0.3
P-489	542A0223	A	1	18	S-520	S-518	42.4	0.50%	2.2
P-491	542A0223	A	1	18	S-524	S-522	33.1	0.48%	0.8
P-493	542A0220	A	1	15	S-528	S-526	29.9	0.30%	1.5
P-495	542A0220	A	1	15	S-532	S-530	27.4	0.33%	0.9
P-497	550A0340	A	2	12	S-536	S-534	57.2	1.19%	11.1
P-499	550A2530	A, RG	2	15	S-534	S-538	100.0	1.00%	28.2
P-501	550A0340	A	2	12	S-540	S-538	59.2	0.78%	10.9
P-503	550A0360	A	2	15	S-538	S-542	100.0	1.00%	36.4
P-505	550A0340	A	2	12	S-544	S-542	60.0	0.77%	11.0
P-507	550A0380	A	2	18	S-542	S-546	56.6	0.60%	36.6
P-509	550A0380	A	2	18	S-546	S-550	5.0	0.60%	3.4
P-511	550A0340	A	2	12	S-548	S-552	5.0	0.60%	0.8
P-513	550A0340	A	2	12	S-552	S-550	60.0	0.60%	11.0
P-515	550A0400	A	2	21	S-550	S-554	109.3	0.51%	87.5
P-517	550A0340	A	2	12	S-556	S-554	69.7	0.76%	12.8
P-519	550A0340	A	2	12	S-558	S-560	68.9	1.31%	23.5
P-521	Z0056668	A, WM REQ	2	12	S-562	S-490	6.1	1.64%	1.3
P-523	550A0120	A	1	24	S-564	S-566	157.6	0.32%	3.0
P-525	542A0213	A	1	8	S-572	S-570	21.4	0.51%	0.3
P-527	542A0213	A	1	8	S-574	S-576	32.8	0.98%	0.8

PENT TABLE  
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 - Plainfield\_Screen.tbl  
 - plot10LAYER\$hw.dwg

DIRECTORY  
 USER NAME  
 = L:\Plainfield\1602420240\_143rdDrawRoadway\CADD\_Sheets\Zach\_Edwards



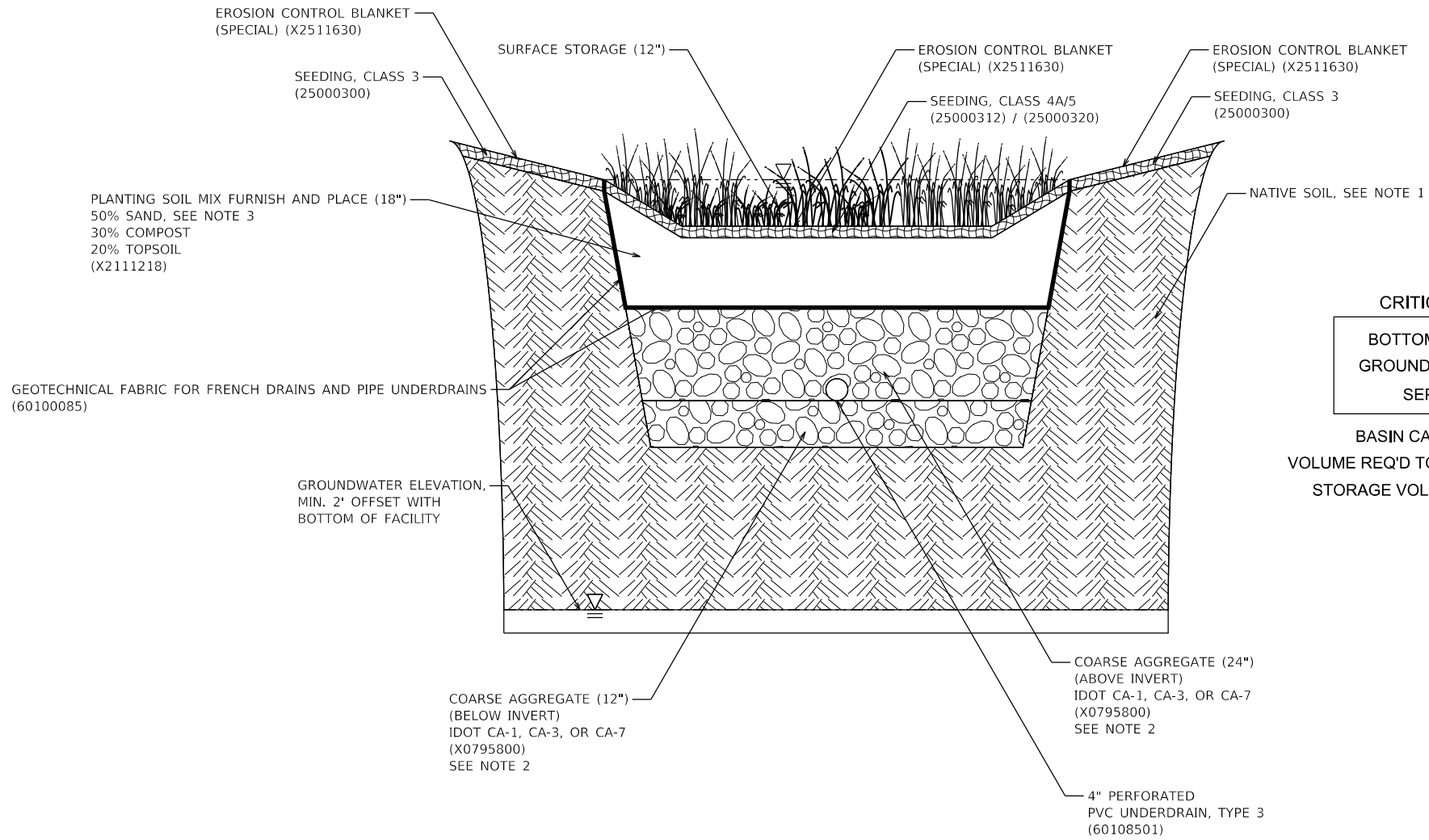
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PLOT DATE = 2/20/2024 (R:33:22 AM)	DATE - 09/29/2023	REVISED -

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**DRAINAGE SCHEDULE**  
 SCALE: 1"=20'    SHEET 15 OF 15 SHEETS    STA.    TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0380	06-00040-00-FP	WILL	943	467
CONTRACT NO.			61H34	
ILLINOIS FED. AID PROJECT				

### DUPAGE RIVER INFILTRATION BASIN - TYPICAL SECTION



**CRITICAL ELEVATIONS**

BOTTOM OF FACILITY: 599.5  
GROUNDWATER TABLE: 596.0  
SEPARATION: 3.5 FT

BASIN CATCHMENT AREA: 1.1 AC  
VOLUME REQ'D TO TREAT 1" RUNOFF: 0.09 AC-FT  
STORAGE VOLUME PROVIDED: 0.09 AC-FT

**NOTES:**

1. AVOID COMPACTING NATIVE SOILS. SCARIFY ANY COMPACTED SOIL.
2. NO RECYCLED MATERIALS.
3. SAND GRADATION SHALL BE FA 1, FA 2, OR FA 20, EXCEPT THE PERCENT PASSING THE NO. 200 (75 μm) SIEVE SHALL BE 2±2; IN ACCORDANCE WITH IDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, ART. 1003.04.



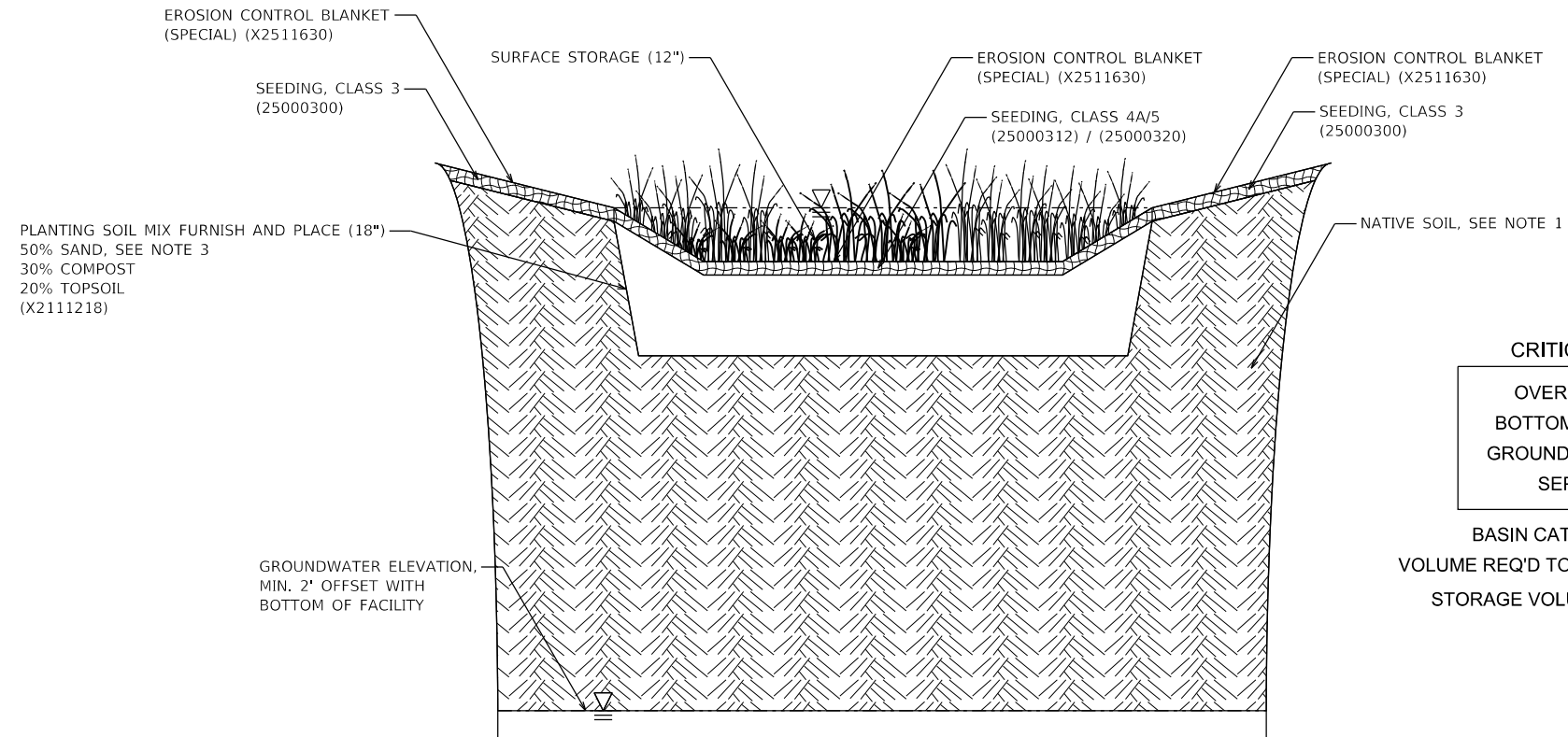
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PLOT DATE = 2/20/2024 (R:3:23 AM)	DATE - 09/29/2023	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

<b>DRAINAGE DETAILS DUPAGE RIVER INFILTRATION BASIN</b>			
SCALE: NTS	SHEET 1	OF 2 SHEETS	STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0380	06-00040-00-FP	WILL	943	468
CONTRACT NO.			61H34	
ILLINOIS FED. AID PROJECT				

### LILY CACHE INFILTRATION BASIN - TYPICAL SECTION



#### CRITICAL ELEVATIONS

OVERFLOW ELEV: 606.0  
BOTTOM OF FACILITY: 605.0  
GROUNDWATER TABLE: 599.0  
SEPARATION: 6.0 FT

BASIN CATCHMENT AREA: 4.59 AC  
VOLUME REQ'D TO TREAT 1" RUNOFF: 0.38 AC-FT  
STORAGE VOLUME PROVIDED: 0.39 AC-FT

#### NOTES:

1. AVOID COMPACTING NATIVE SOILS. SCARIFY ANY COMPACTED SOIL.
2. SAND GRADATION SHALL BE FA 1, FA 2, OR FA 20, EXCEPT THE PERCENT PASSING THE NO. 200 (75 μm) SIEVE SHALL BE 2±2; IN ACCORDANCE WITH IDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, ART. 1003.04.



FILE NAME = sht-drainage-details-02.dgn	DESIGNED - CPD	REVISED -
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PLOT SCALE = 40,0000' / 1"	CHECKED - CPD	REVISED -
PLOT DATE = 2/20/2024 (R:33:25 AM)	DATE - 09/29/2023	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

DRAINAGE DETAILS  
LILY CACHE INFILTRATION BASIN

SCALE: NTS SHEET 2 OF 2 SHEETS STA. TO STA.

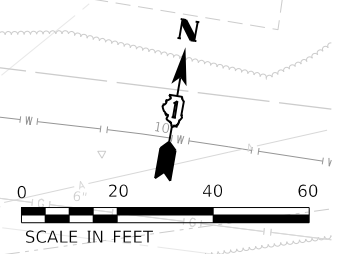
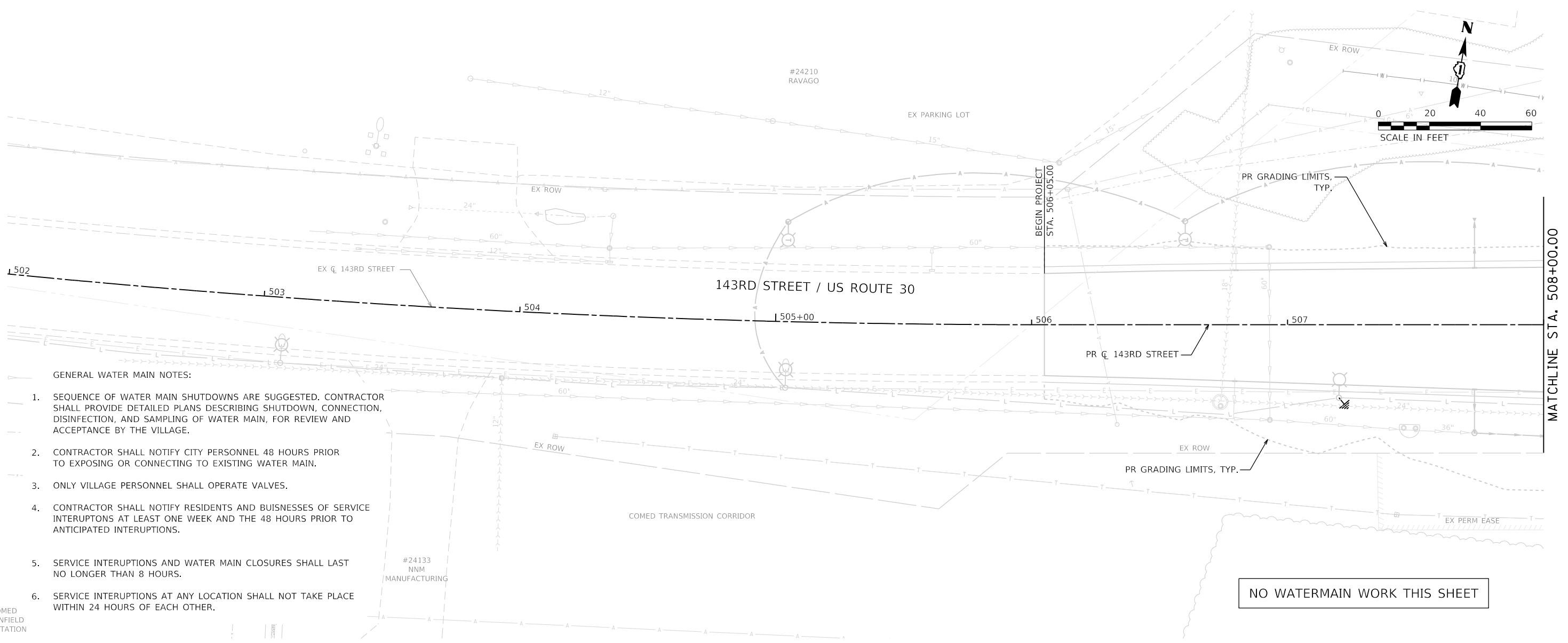
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0380	06-00040-00-FP	WILL	943	469
CONTRACT NO. 61H34				
ILLINOIS FED. AID PROJECT				

PLAN	SURVEYED	DATE
NOTE BOOK NO.	ALIGNED	BY
CADD FILE NAME	CHECKED	

PROFILE	SURVEYED	DATE
NOTE BOOK NO.	GRADES CHECKED	BY
	STRUCTURE NOT AT HIS CHRG	

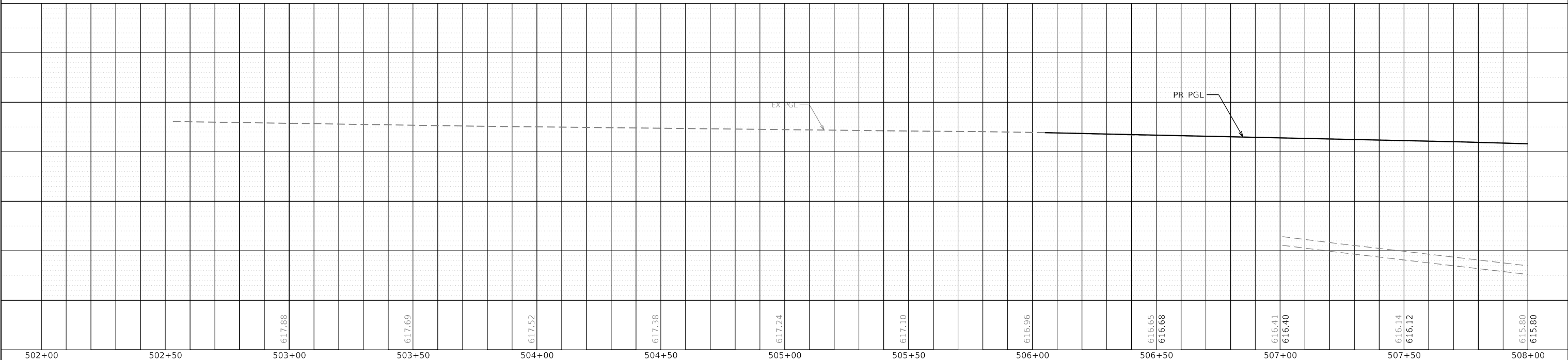
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PLOT DRIVER = pdfNO\_LAYERShwplotf

DIRECTORY = L:\Plainfield\1602402-00\_143rd\Draw\Roadway\CADD\_Sheets\  
USER NAME = Zach\_Eshwar-ds



- GENERAL WATER MAIN NOTES:**
1. SEQUENCE OF WATER MAIN SHUTDOWNS ARE SUGGESTED. CONTRACTOR SHALL PROVIDE DETAILED PLANS DESCRIBING SHUTDOWN, CONNECTION, DISINFECTION, AND SAMPLING OF WATER MAIN, FOR REVIEW AND ACCEPTANCE BY THE VILLAGE.
  2. CONTRACTOR SHALL NOTIFY CITY PERSONNEL 48 HOURS PRIOR TO EXPOSING OR CONNECTING TO EXISTING WATER MAIN.
  3. ONLY VILLAGE PERSONNEL SHALL OPERATE VALVES.
  4. CONTRACTOR SHALL NOTIFY RESIDENTS AND BUISNESSES OF SERVICE INTERUPTIONS AT LEAST ONE WEEK AND THE 48 HOURS PRIOR TO ANTICIPATED INTERUPTIONS.
  5. SERVICE INTERUPTIONS AND WATER MAIN CLOSURES SHALL LAST NO LONGER THAN 8 HOURS.
  6. SERVICE INTERUPTIONS AT ANY LOCATION SHALL NOT TAKE PLACE WITHIN 24 HOURS OF EACH OTHER.

**NO WATERMAIN WORK THIS SHEET**



FILE NAME = sht-water_plnprf-01.dgn	DESIGNED - MJW	REVISED -
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PLOT DATE = 2/20/2024 (R:33:30 AM)	DATE - 02/21/2022	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**WATERMAIN PLAN AND PROFILE  
143RD STREET**

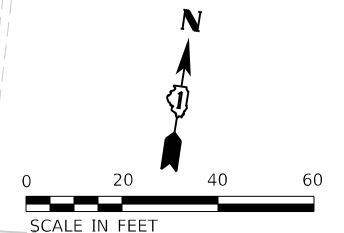
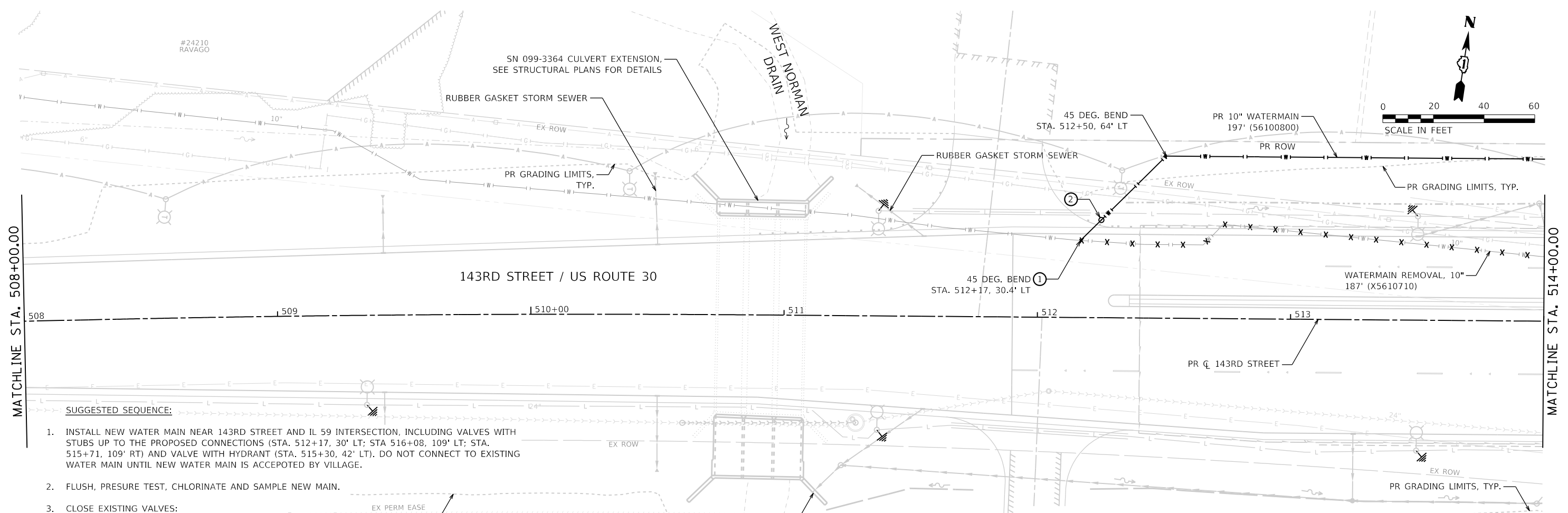
SCALE: 1"=20'    SHEET 1 OF 24 SHEETS    STA. 502+00 TO STA. 508+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0380	06-00040-00-FP	WILL	943	470
CONTRACT NO. 61H34			ILLINOIS FED. AID PROJECT	

PLAN	SURVEYED	DATE
	PLOTTED	BY
	ALIGNED	
	CHECKED	
	CARD FILE NAME	
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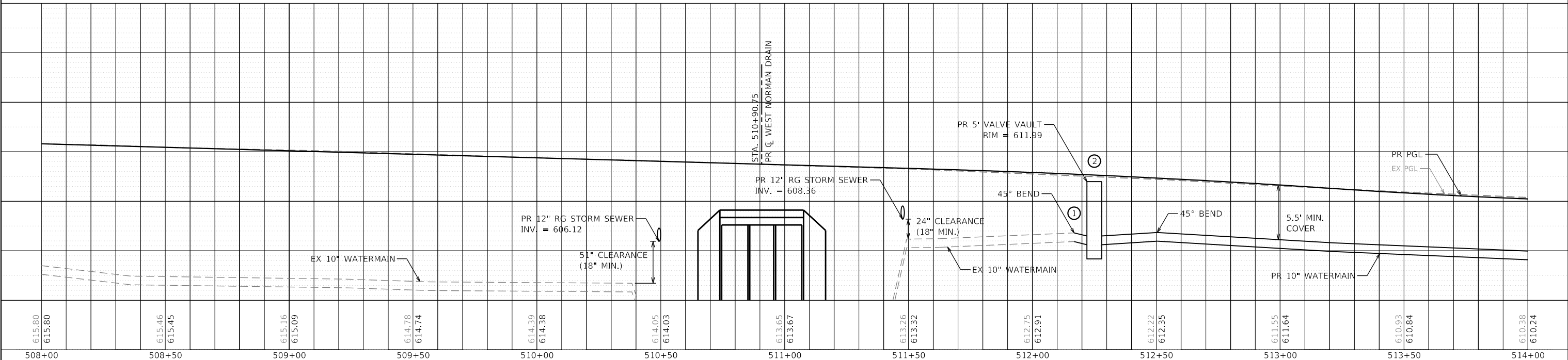
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	PLOTTED	BY
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 #24210 RAVAGO  
 L:\P\11\11\16024002-00\_143rdDraw\Roadway\CADD\_Sheets\Zach\_Eshwar-ds



- SUGGESTED SEQUENCE:**
1. INSTALL NEW WATER MAIN NEAR 143RD STREET AND IL 59 INTERSECTION, INCLUDING VALVES WITH STUBS UP TO THE PROPOSED CONNECTIONS (STA. 512+17, 30' LT; STA 516+08, 109' LT; STA. 515+71, 109' RT) AND VALVE WITH HYDRANT (STA. 515+30, 42' LT). DO NOT CONNECT TO EXISTING WATER MAIN UNTIL NEW WATER MAIN IS ACCEPTED BY VILLAGE.
  2. FLUSH, PRESURE TEST, CHLORINATE AND SAMPLE NEW MAIN.
  3. CLOSE EXISTING VALVES:
    - A. 143RD STREET STA. 507+01, 102' LT
    - B. IL 59 STA. 3407+09, 45' LT
    - C. IL 59 STA. 3397+77, 57' LT
    - D. IL 59 STA. 3397+98, 53' LT
  4. CONNECT NEW WATER MAIN TO EXISTING PIPE WITH 45 DEGREE BENDS AND DISINFECT BENDS PRIOR TO INSTALLATION.
  5. OPEN BOTH THE NEW AND EXISTING VALVES.
  6. REMOVE AND ABANDON THE EXISTING WATER MAIN.

NO.	DESCRIPTION	PAY ITEM	ALIGNMENT	STATION	OFFSET
1	NON-PRESSURE CONNECTION TO EX. WATERMAIN, 10"	X1200221	143RD STREET	512+17	30.4' LT
2	VALVE VAULTS, TY. A, 5' DIA. TY. 1 FRAME, CLOSED LID	60248900	143RD STREET	512+25	38.6' LT
2	WATER VALVES, 10"	56105100	143RD STREET	512+25	38.6' LT



FILE NAME = sht-water_mainp1-02.dgn	DESIGNED - MJW	REVISED -
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PLOT DATE = 2/20/2024 (R:33:32 AM)	DATE - 02/21/2022	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

WATERMAIN PLAN AND PROFILE  
143RD STREET

SCALE: 1"=20' SHEET 2 OF 24 SHEETS STA. 508+00 TO STA. 514+00

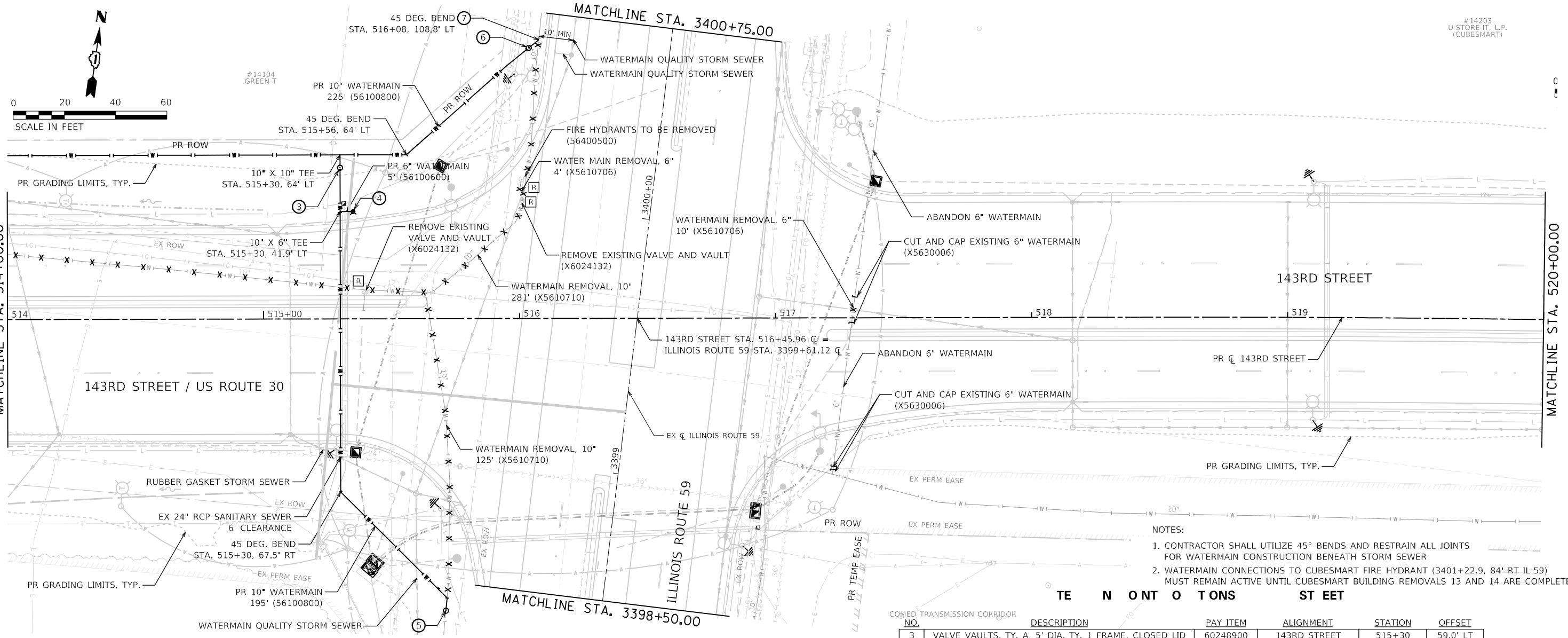
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0380	06-00040-00-FP	WILL	943	471
CONTRACT NO. 61H34			ILLINOIS FED. AID PROJECT	

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PLAN	DATE	BY	REVISIONS
SURVEYED			
PLOTTED			
NOTED			
CHECKED			
FILE NAME			

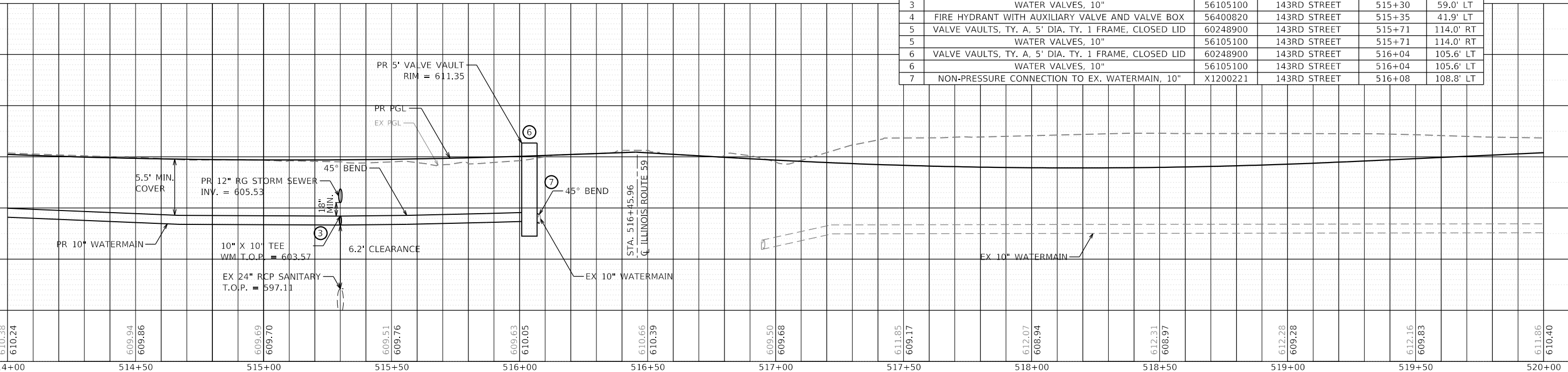
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SURVEYED			
PLOTTED			
NOTED			
CHECKED			
FILE NAME			

DIRECTORY USER NAME = L:\P\m\141602402-00\_143rdDraw\Roadway\CADD\_Sheets\Zach Escherds



- NOTES:
- CONTRACTOR SHALL UTILIZE 45° BENDS AND RESTRAIN ALL JOINTS FOR WATERMAIN CONSTRUCTION BENEATH STORM SEWER
  - WATERMAIN CONNECTIONS TO CUBESMART FIRE HYDRANT (3401+22.9, 84' RT IL-59) MUST REMAIN ACTIVE UNTIL CUBESMART BUILDING REMOVALS 13 AND 14 ARE COMPLETE.

NO.	DESCRIPTION	PAY ITEM	ALIGNMENT	STATION	OFFSET
3	VALVE VAULTS, TY. A, 5' DIA. TY. 1 FRAME, CLOSED LID	60248900	143RD STREET	515+30	59.0' LT
3	WATER VALVES, 10"	56105100	143RD STREET	515+30	59.0' LT
4	FIRE HYDRANT WITH AUXILIARY VALVE AND VALVE BOX	56400820	143RD STREET	515+35	41.9' LT
5	VALVE VAULTS, TY. A, 5' DIA. TY. 1 FRAME, CLOSED LID	60248900	143RD STREET	515+71	114.0' RT
5	WATER VALVES, 10"	56105100	143RD STREET	515+71	114.0' RT
6	VALVE VAULTS, TY. A, 5' DIA. TY. 1 FRAME, CLOSED LID	60248900	143RD STREET	516+04	105.6' LT
6	WATER VALVES, 10"	56105100	143RD STREET	516+04	105.6' LT
7	NON-PRESSURE CONNECTION TO EX. WATERMAIN, 10"	X1200221	143RD STREET	516+08	108.8' LT

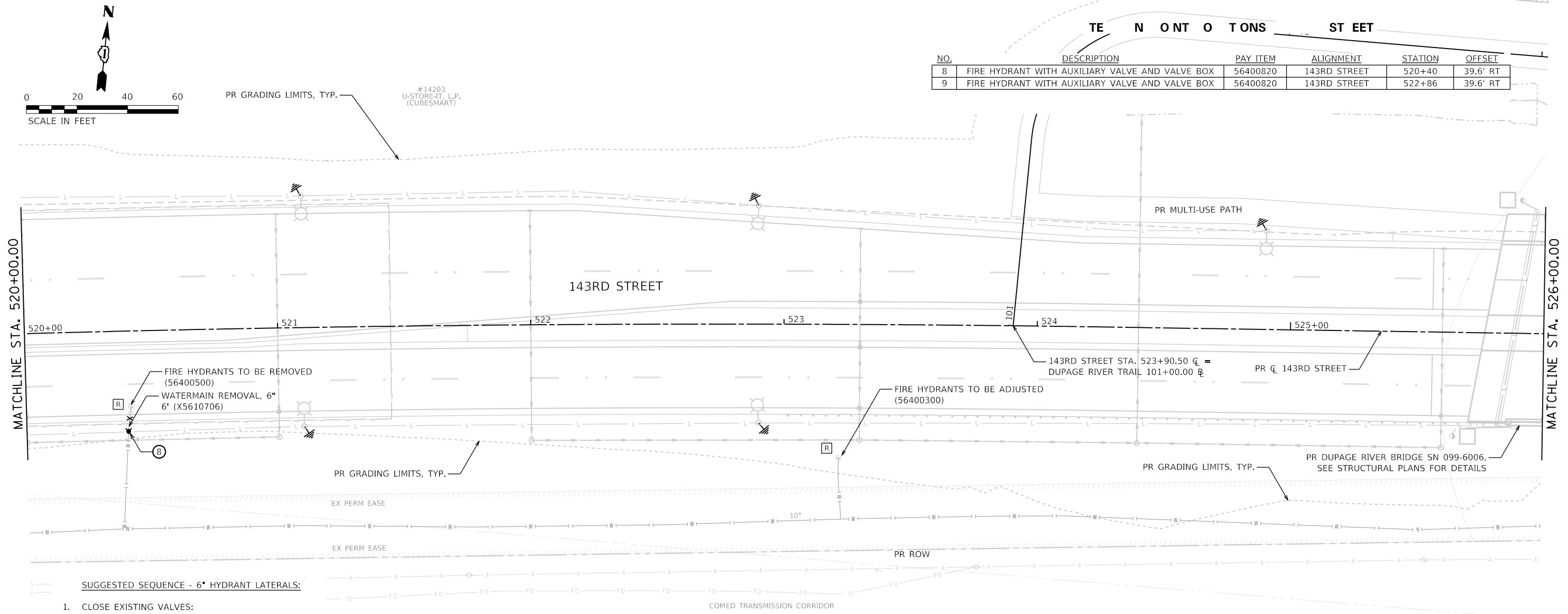


PLAN	SURVEYED	DATE
NOTE BOOK	PLOTTED	BY
NO.	ALIGNMENT	CHECKED
	CADD FILE NAME	

PROFILE	SURVEYED	DATE
NOTE BOOK	PLOTTED	BY
NO.	GRADES CHECKED	
	STRUCTURE	NOT AT HIS OFFICE

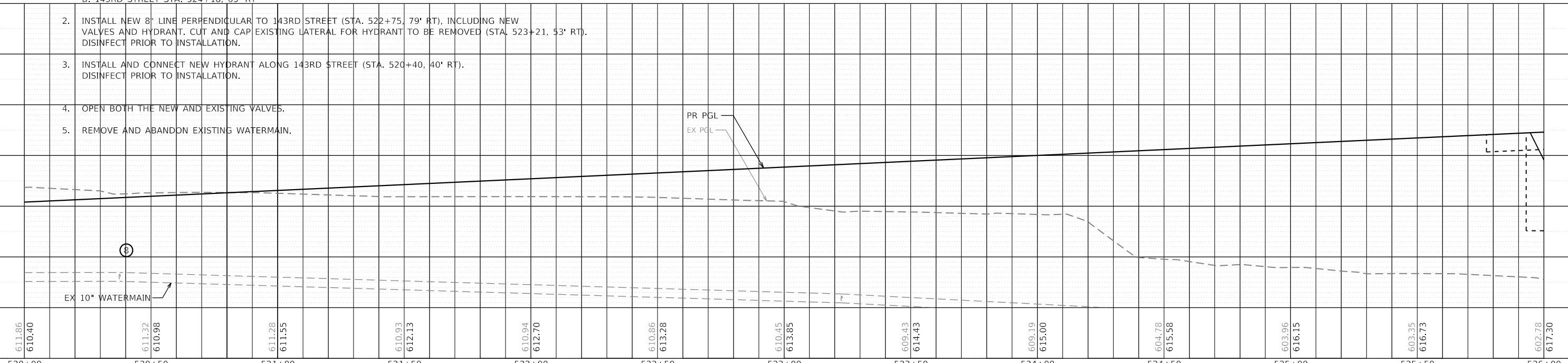
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 L:\P\11\11\1602402\00\_143rdDraw\Roadway\CADD\_Sheets\...  
 USER NAME = Zach Escherds

NO.	DESCRIPTION	PAY ITEM	ALIGNMENT	STATION	OFFSET
8	FIRE HYDRANT WITH AUXILIARY VALVE AND VALVE BOX	56400820	143RD STREET	520+40	39.6' RT
9	FIRE HYDRANT WITH AUXILIARY VALVE AND VALVE BOX	56400820	143RD STREET	522+86	39.6' RT



**SUGGESTED SEQUENCE - 6" HYDRANT LATERALS:**

- CLOSE EXISTING VALVES:  
 A. IL 59 STA. 3397+98, 53' LT  
 B. 143RD STREET STA. 524+18, 63' RT
- INSTALL NEW 8" LINE PERPENDICULAR TO 143RD STREET (STA. 522+75, 79' RT), INCLUDING NEW VALVES AND HYDRANT. CUT AND CAP EXISTING LATERAL FOR HYDRANT TO BE REMOVED (STA. 523+21, 53' RT). DISINFECT PRIOR TO INSTALLATION.
- INSTALL AND CONNECT NEW HYDRANT ALONG 143RD STREET (STA. 520+40, 40' RT). DISINFECT PRIOR TO INSTALLATION.
- OPEN BOTH THE NEW AND EXISTING VALVES.
- REMOVE AND ABANDON EXISTING WATERMAIN.



611.86	610.40	611.32	610.98	611.28	611.55	610.93	612.13	610.94	612.70	610.86	613.28	610.45	613.85	609.43	614.43	609.19	615.00	604.78	615.58	603.96	616.15	603.35	616.73	602.78	617.30
520+00	520+50	521+00	521+50	522+00	522+50	523+00	523+50	524+00	524+50	525+00	525+50	526+00													



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PLOT DATE = 2/20/2024 (R3:33:7 AM)	DATE - 02/21/2022	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>WATERMAIN PLAN AND PROFILE 143RD STREET</b>	
SCALE: 1"=20'	SHEET 4 OF 24 SHEETS
STA. 520+00	TO STA. 526+00

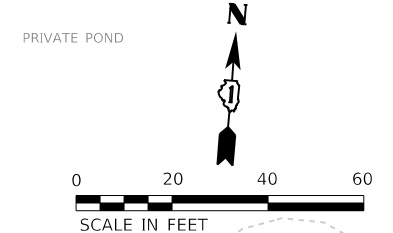
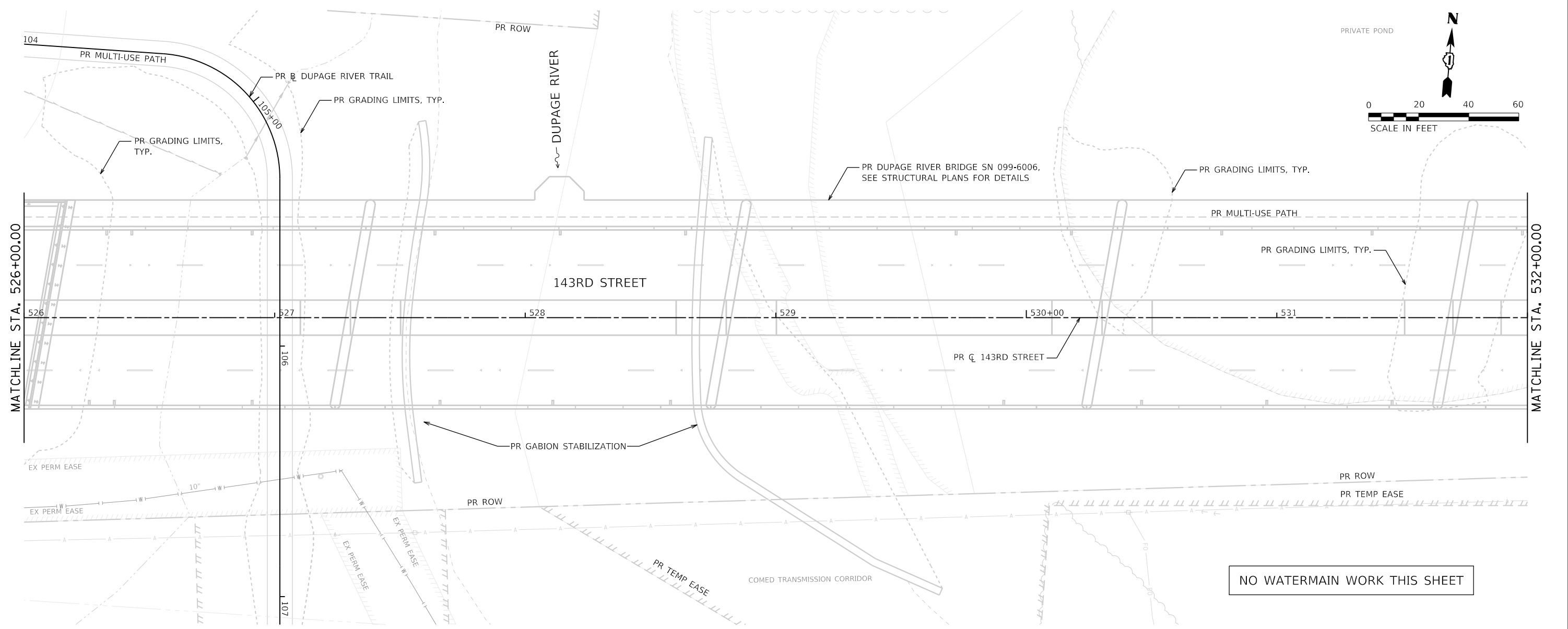
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0380	06-00040-00-FP	WILL	943	473
CONTRACT NO. 61H34			ILLINOIS FED. AID PROJECT	

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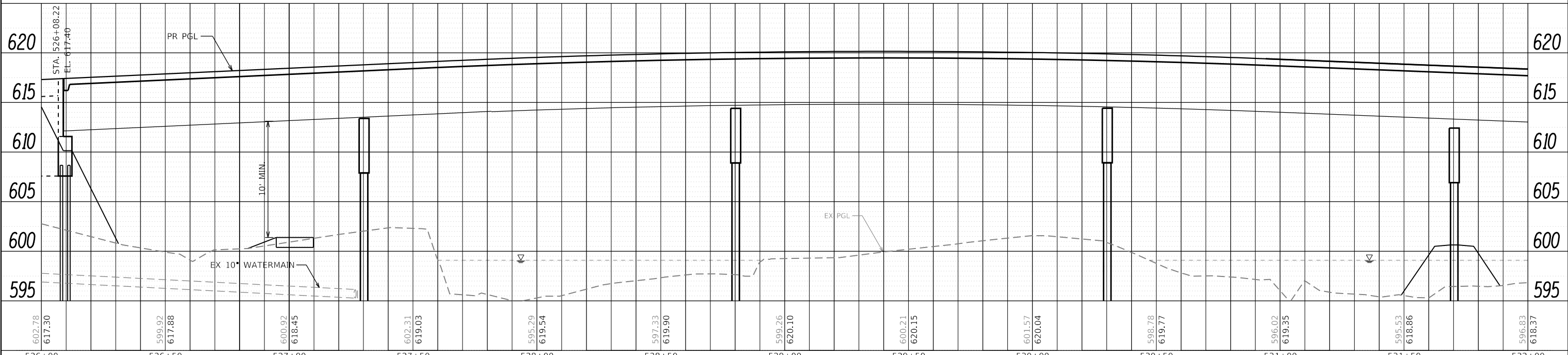
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	PLOTTED	BY
	GRADES CHECKED	
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	NOTE BOOK NO.	
	CADD FILE NAME	

PROFILE	SURVEYED	DATE
	PLOTTED	BY
	GRADES CHECKED	
	STRUCTURE NOTATIONS CHECKED	
	NOTE BOOK NO.	
	CADD FILE NAME	

DIRECTORY = L:\P\11\11\1602402-00\_143rd\Draw\Roadway\CADD\_Sheets\ USER NAME = Zach Escherds



NO WATERMAIN WORK THIS SHEET



602.78	617.30	599.92	617.88	600.92	618.45	602.31	619.03	595.29	619.54	597.33	619.90	599.26	620.10	600.21	620.15	601.57	620.04	598.78	619.77	596.02	619.35	595.53	618.86	596.83	618.37
526+00	526+50	527+00	527+50	528+00	528+50	529+00	529+50	530+00	530+50	531+00	531+50	532+00													



FILE NAME = sht-water_plnprf-06.dgn	DESIGNED - MJW	REVISED -
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STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

WATERMAIN PLAN AND PROFILE  
143RD STREET

SCALE: 1"=20' SHEET 5 OF 24 SHEETS STA. 526+00 TO STA. 532+00

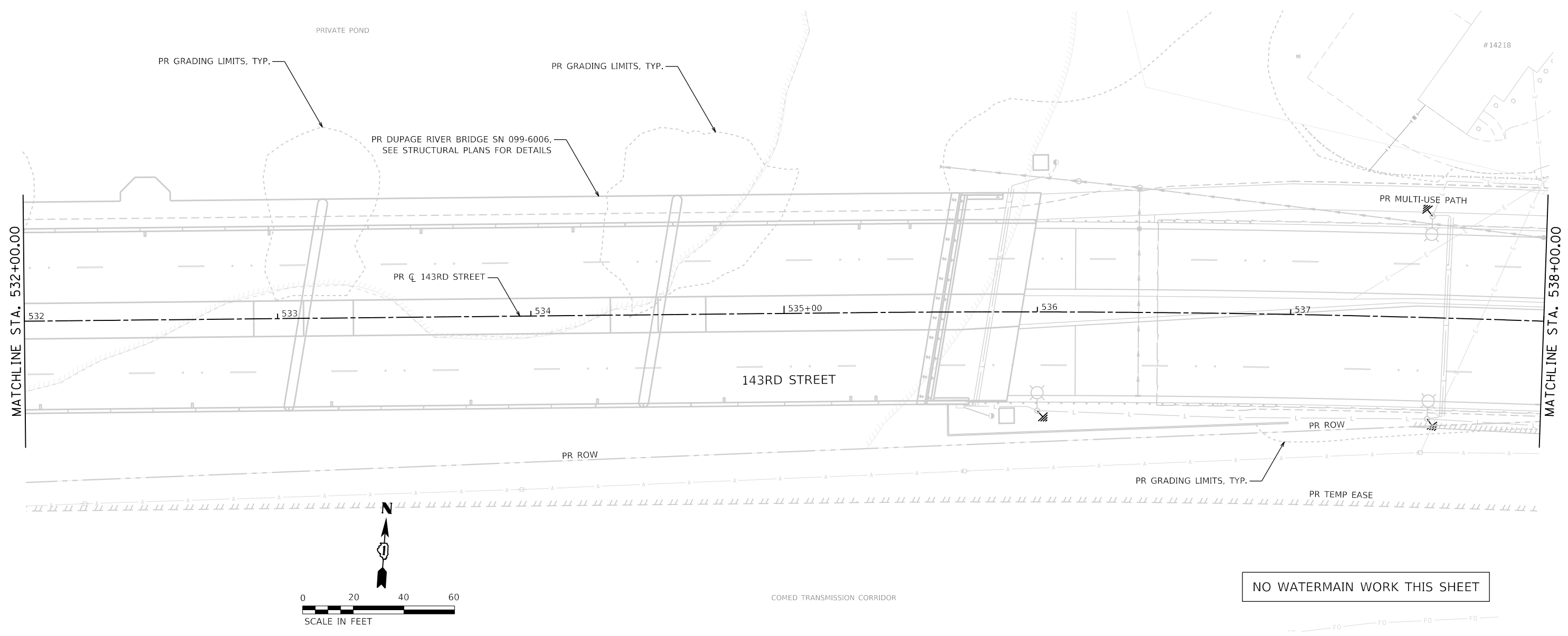
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CONTRACT NO. 61H34			ILLINOIS FED. AID PROJECT	



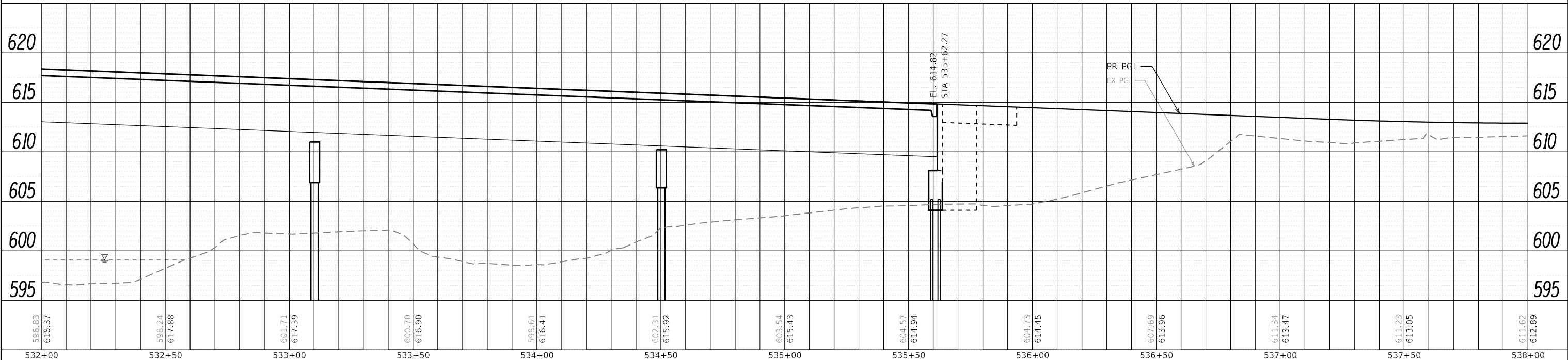
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PROFILE	SURVEYED	DATE
	PLOTTED	BY
	GRADES CHECKED	
	STRUCTURE NOTATIONS CHECKED	
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 PEN TABLE = p:\PEN\Watermain.tbl  
 USER NAME = Zach.Escherds  
 DIRECTORY = L:\P\11602402\00\_143rd\Draw\Roadway\CADD\_Sheets\



NO WATERMAIN WORK THIS SHEET



532+00	532+50	533+00	533+50	534+00	534+50	535+00	535+50	536+00	536+50	537+00	537+50	538+00
596.83 618.37	598.24 617.88	601.71 617.39	600.70 616.90	598.61 616.41	602.31 615.92	603.54 615.43	604.57 614.94	604.73 614.45	607.69 613.96	611.34 613.47	611.23 613.05	611.62 612.89



FILE NAME = sht-watermain\prf-06.dgn	DESIGNED - MJW	REVISED -
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PLOT SCALE = 40,0000' / in.	CHECKED - MJW	REVISED -
PLOT DATE = 2/20/2024 (R3:40:02 AM)	DATE - 02/21/2022	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

WATERMAIN PLAN AND PROFILE  
143RD STREET

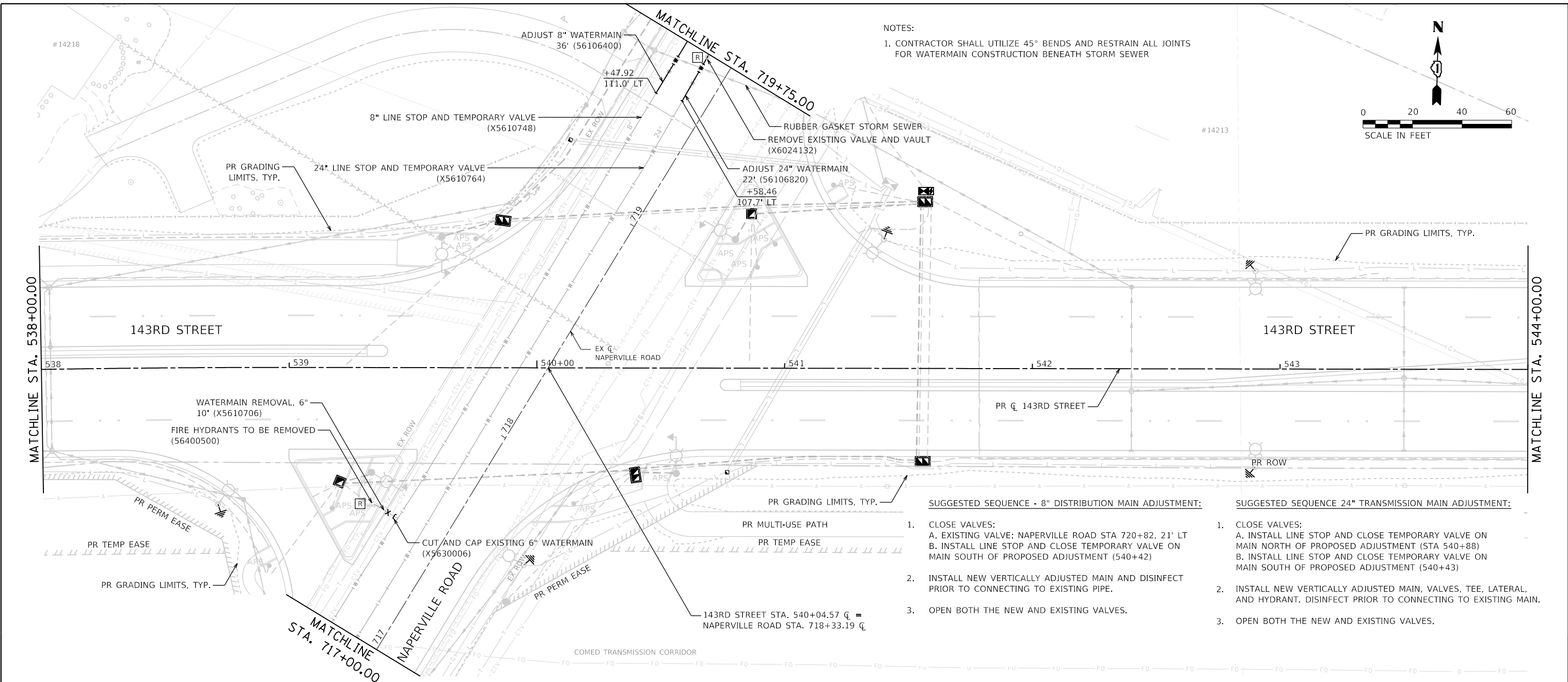
SCALE: 1"=20' SHEET 6 OF 24 SHEETS STA. 532+00 TO STA. 538+00

F.A.U. RTE. 0380	SECTION 06-00040-00-FP	COUNTY WILL	TOTAL SHEETS 943	SHEET NO. 475
CONTRACT NO. 61H34			ILLINOIS FED. AID PROJECT	

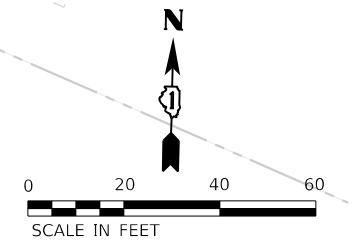
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	PLOTTED	
	NOTE BOOK	
	CHECKED	
	FILE NAME	
	NO.	

PROFILE	SURVEYED	DATE
	PLOTTED	
	GRADES CHECKED	
	STRUCTURE	
	NOT AT THIS OFFICE	
	NO.	

PEN TABLE = P:\InRoads\Watermain\143rd\Draw\Roadway\CADD\_Sheets\ USER NAME = Zach Escherds



NOTES:  
1. CONTRACTOR SHALL UTILIZE 45° BENDS AND RESTRAIN ALL JOINTS FOR WATERMAIN CONSTRUCTION BENEATH STORM SEWER

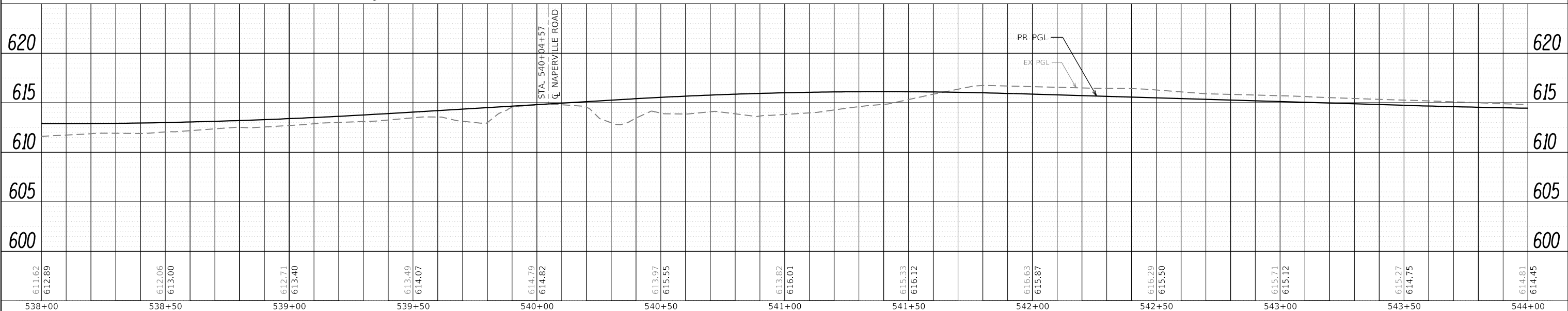


**SUGGESTED SEQUENCE - 8" DISTRIBUTION MAIN ADJUSTMENT:**

- CLOSE VALVES:  
A. EXISTING VALVE: NAPERVILLE ROAD STA 720+82, 21' LT  
B. INSTALL LINE STOP AND CLOSE TEMPORARY VALVE ON MAIN SOUTH OF PROPOSED ADJUSTMENT (540+42)
- INSTALL NEW VERTICALLY ADJUSTED MAIN AND DISINFECT PRIOR TO CONNECTING TO EXISTING PIPE.
- OPEN BOTH THE NEW AND EXISTING VALVES.

**SUGGESTED SEQUENCE 24" TRANSMISSION MAIN ADJUSTMENT:**

- CLOSE VALVES:  
A. INSTALL LINE STOP AND CLOSE TEMPORARY VALVE ON MAIN NORTH OF PROPOSED ADJUSTMENT (STA 540+88)  
B. INSTALL LINE STOP AND CLOSE TEMPORARY VALVE ON MAIN SOUTH OF PROPOSED ADJUSTMENT (540+43)
- INSTALL NEW VERTICALLY ADJUSTED MAIN, VALVES, TEE, LATERAL, AND HYDRANT. DISINFECT PRIOR TO CONNECTING TO EXISTING MAIN.
- OPEN BOTH THE NEW AND EXISTING VALVES.



611.62	612.89	612.06	613.00	612.71	613.40	613.49	614.07	614.79	614.82	613.97	615.55	613.82	616.01	615.33	616.12	616.63	615.87	616.29	615.50	615.71	615.12	615.27	614.75	614.81	614.45
538+00		538+50		539+00		539+50		540+00		540+50		541+00		541+50		542+00		542+50		543+00		543+50		544+00	



FILE NAME = sht-water_mainpr1-07.dgn	DESIGNED - MJW	REVISED -
MODEL NAME = Default	DRAWN - AS	REVISED -
PLOT SCALE = 40,0000' / 1"	CHECKED - MJW	REVISED -
PLOT DATE = 2/20/2024 (R:3:40:5 AM)	DATE - 02/21/2022	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

WATERMAIN PLAN AND PROFILE  
143RD STREET

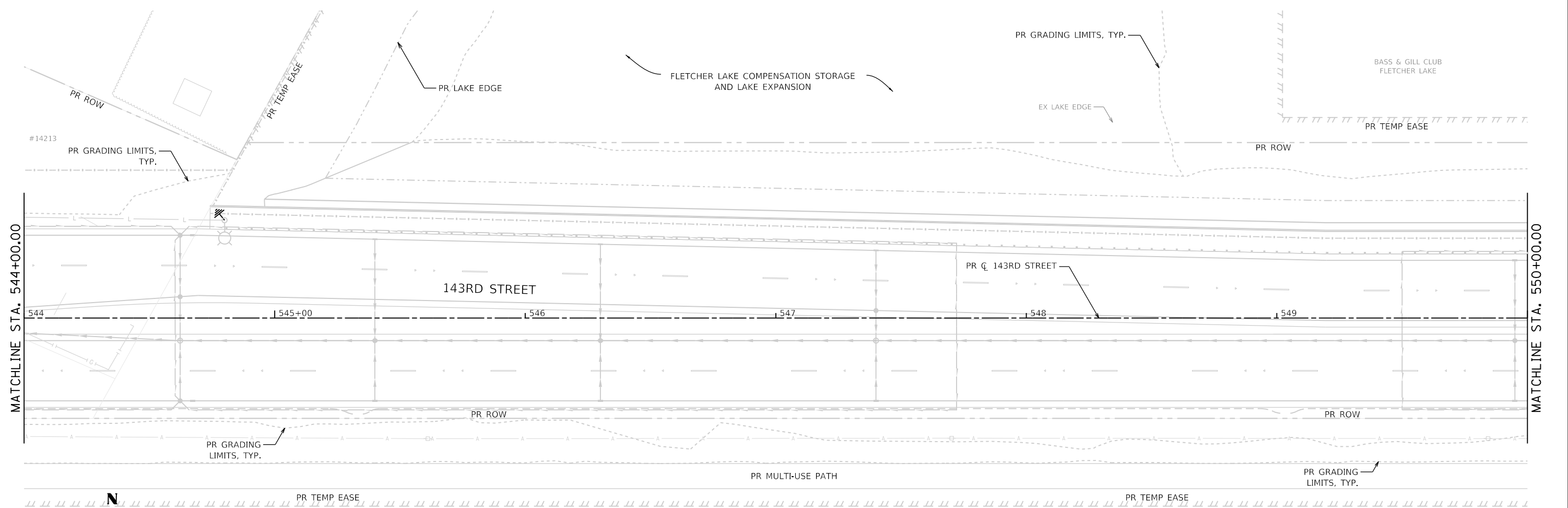
SCALE: 1"=20' SHEET 7 OF 24 SHEETS STA. 538+00 TO STA. 544+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0380	06-00040-00-FP	WILL	943	476
CONTRACT NO.			61H34	
ILLINOIS FED. AID PROJECT				

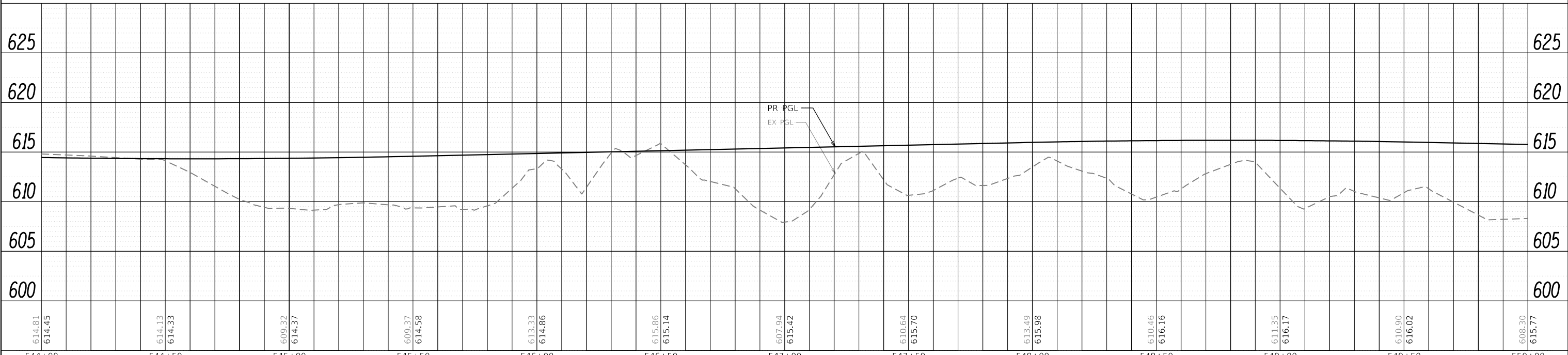
PLAN	SURVEYED	DATE
NOTE BOOK NO.	PLOTTED	BY
	ALIGNMENT CHECKED	
	CADD FILE NAME	

PROFILE	SURVEYED	DATE
NOTE BOOK NO.	GRADES CHECKED	BY
	STRUCTURE NOT AT THIS OFFICE	

PEN TABLE = PlotArea\_Watermain.dwg  
 PLOT DRIVER = plotnlayershwplotf  
 DIRECTORY = L:\P\143rd\1602402-00\_143rdDraw\Roadway\CADD\_Sheets\  
 USER NAME = Zach Escherds



NO WATERMAIN WORK THIS SHEET



544+00	544+50	545+00	545+50	546+00	546+50	547+00	547+50	548+00	548+50	549+00	549+50	550+00
614.81 614.45	614.13 614.33	609.32 614.37	609.37 614.58	613.33 614.86	615.86 615.14	607.94 615.42	610.64 615.70	613.49 615.98	610.46 616.16	611.35 616.17	610.90 616.02	608.30 615.77



FILE NAME = sht-water_plnprf-08.dwg	DESIGNED - MJW	REVISED -
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PLOT SCALE = 40,0000' / 1"	CHECKED - MJW	REVISED -
PLOT DATE = 2/20/2024 (R:3:40:07 AM)	DATE - 02/21/2022	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

WATERMAIN PLAN AND PROFILE  
143RD STREET

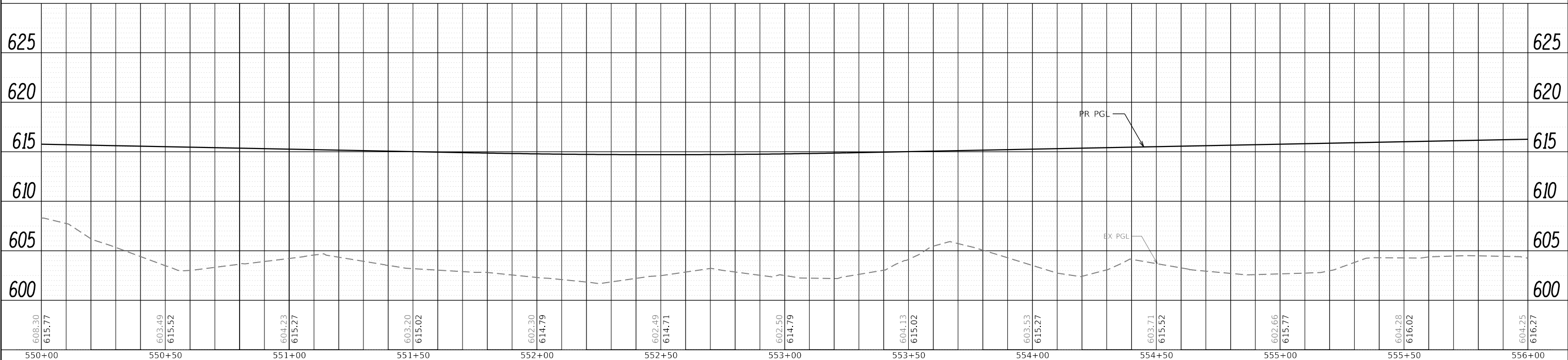
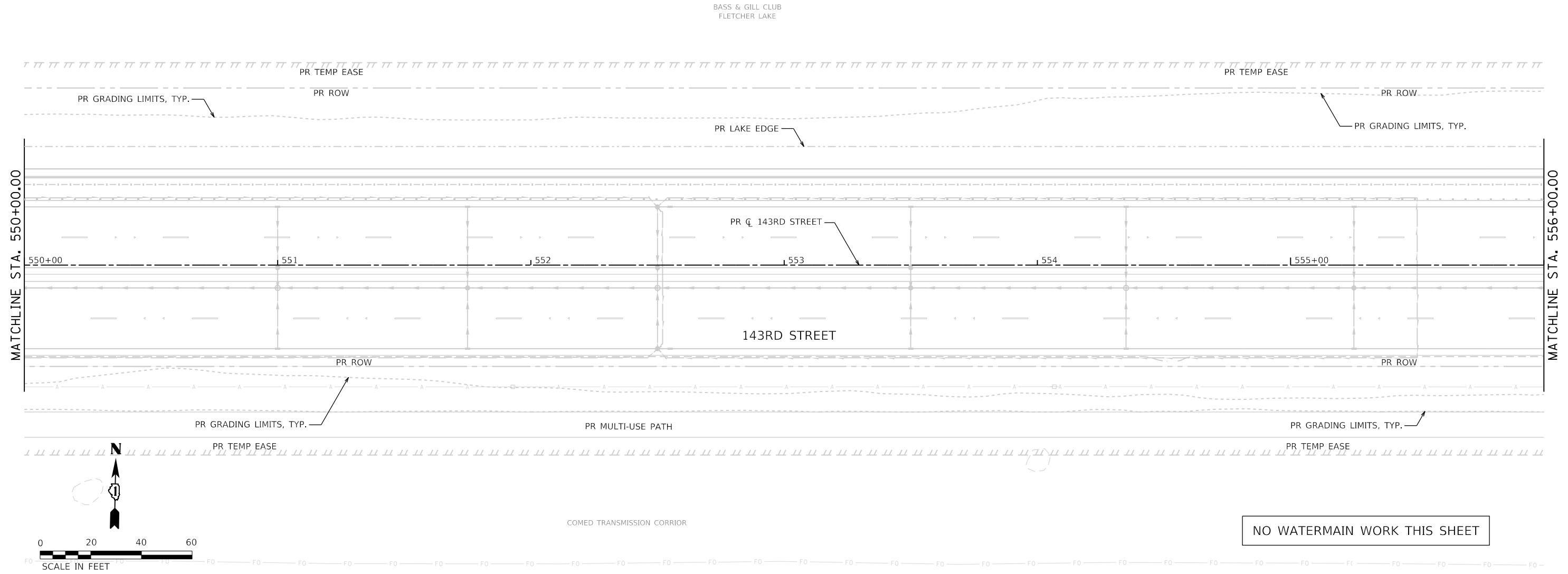
SCALE: 1"=20' SHEET 8 OF 24 SHEETS STA. 544+00 TO STA. 550+00

F.A.U. RTE. 0380	SECTION 06-00040-00-FP	COUNTY WILL	TOTAL SHEETS 943	SHEET NO. 477
CONTRACT NO. 61H34			ILLINOIS FED. AID PROJECT	

PLAN	SURVEYED	DATE
	PLOTTED	BY
	ALIGNED	
	CHECKED	
	CADD FILE NAME	
	NO.	

PROFILE	SURVEYED	DATE
	PLOTTED	BY
	GRADES CHECKED	
	STRUCTURE NOTATIONS CHECKED	
	NO.	

PEN TABLE = PlotAreaWatermain.dwg  
 PLOT DRIVER = plotnlayershp.dwg  
 DIRECTORY = L:\P\11\11602402-00\_143rd\Draw\Roadway\CADD\_Sheets\  
 USER NAME = Zach Escherds

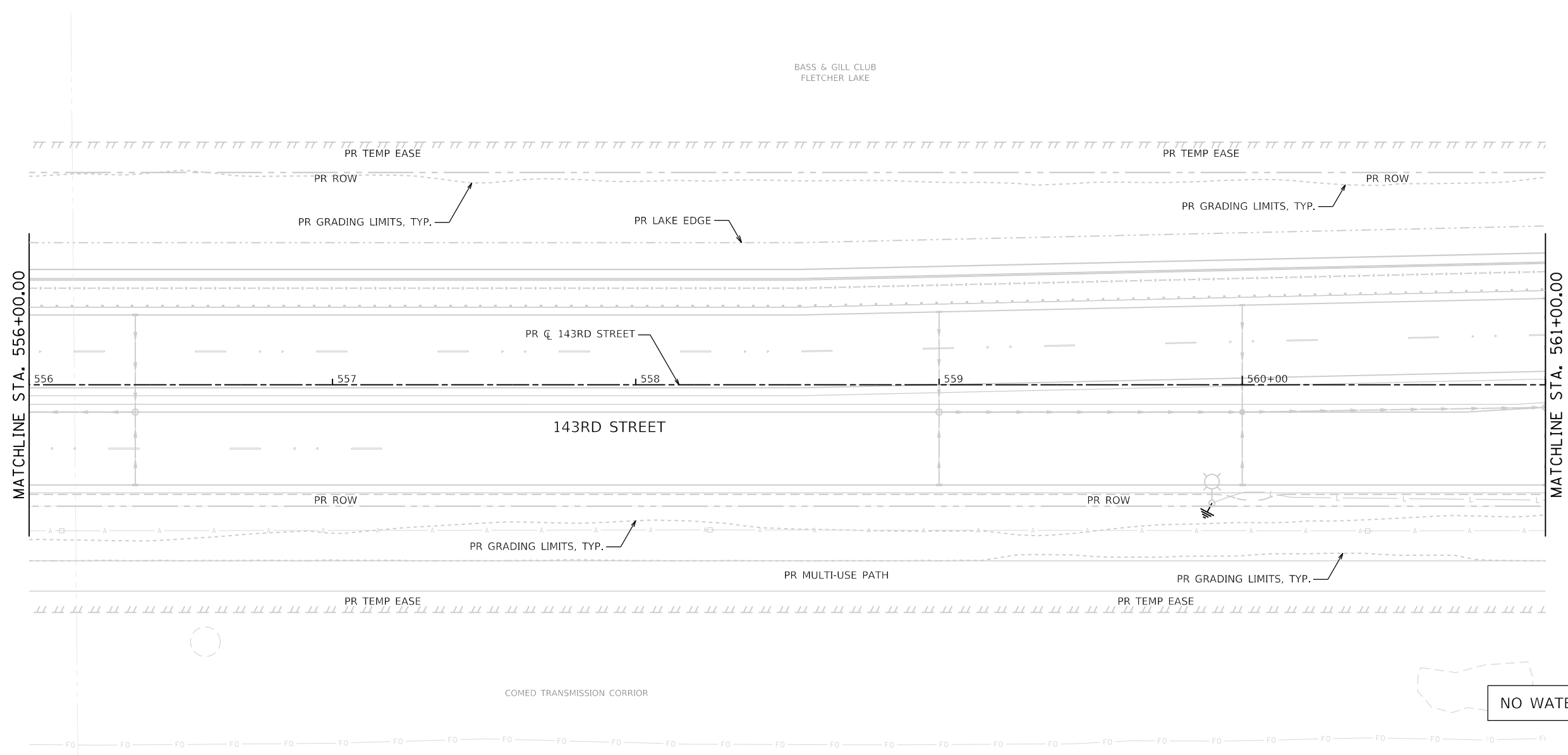


	FILE NAME = sht-water_plnprf-09.dwg	DESIGNED - MJW	REVISED -	<b>STATE OF ILLINOIS</b> <b>DEPARTMENT OF TRANSPORTATION</b>	<b>WATERMAIN PLAN AND PROFILE</b> <b>143RD STREET</b>		F.A.U. RTE. 0380	SECTION 06-00040-00-FP	COUNTY WILL	TOTAL SHEETS 943	SHEET NO. 478
	MODEL NAME = Default	DRAWN - AS	REVISED -		SCALE: 1"=20'	SHEET 9 OF 24 SHEETS	STA. 550+00 TO STA. 556+00	CONTRACT NO. 61H34		ILLINOIS FED. AID PROJECT	
PLOT SCALE = 40,0000' / in.	CHECKED - MJW	REVISED -									
PLOT DATE = 2/20/2024 (R34:09 AM)	DATE - 02/21/2022	REVISED -									

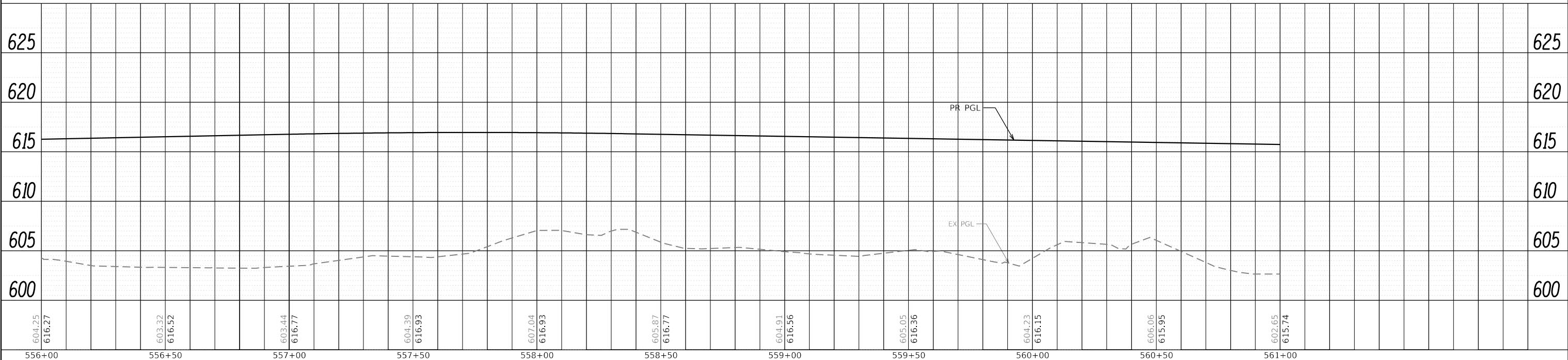
PLAN	SURVEYED	DATE
	PLOTTED	
	NOTED	
	CHECKED	
	FILE NAME	
	NO.	

PROFILE	SURVEYED	DATE
	PLOTTED	
	GRADES	
	CHECKED	
	STRUCTURE	
	NOT AT THIS OFFICE	
	NO.	

PEN TABLE = P:\InRoads\Watermain\Job  
 PLOT DRIVER = p:\InRoads\Shwplotg  
 DIRECTORY = L:\P\InRoads\1602402-00\_143rd\Draw\Roadway\CADD\_Sheets\1  
 USER NAME = Zach Escherds



NO WATERMAIN WORK THIS SHEET



FILE NAME =	sht-water_plnprf-10.dgn	DESIGNED -	MJW	REVISED -	
MODEL NAME =	Default	DRAWN -	AS	REVISED -	
PLOT SCALE =	40,0000' / 1"	CHECKED -	MJW	REVISED -	
PLOT DATE =	2/20/2024 (R34:12 AM)	DATE -	02/21/2022	REVISED -	

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

WATERMAIN PLAN AND PROFILE  
143RD STREET

SCALE: 1"=20' SHEET 10 OF 24 SHEETS STA. 556+00 TO STA. 561+00

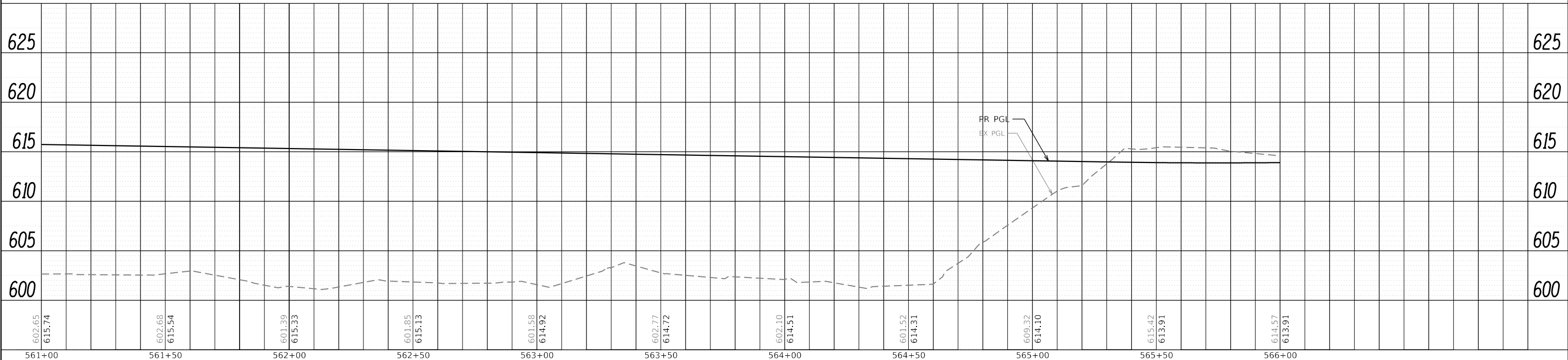
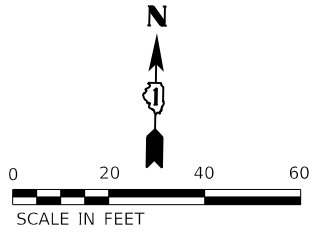
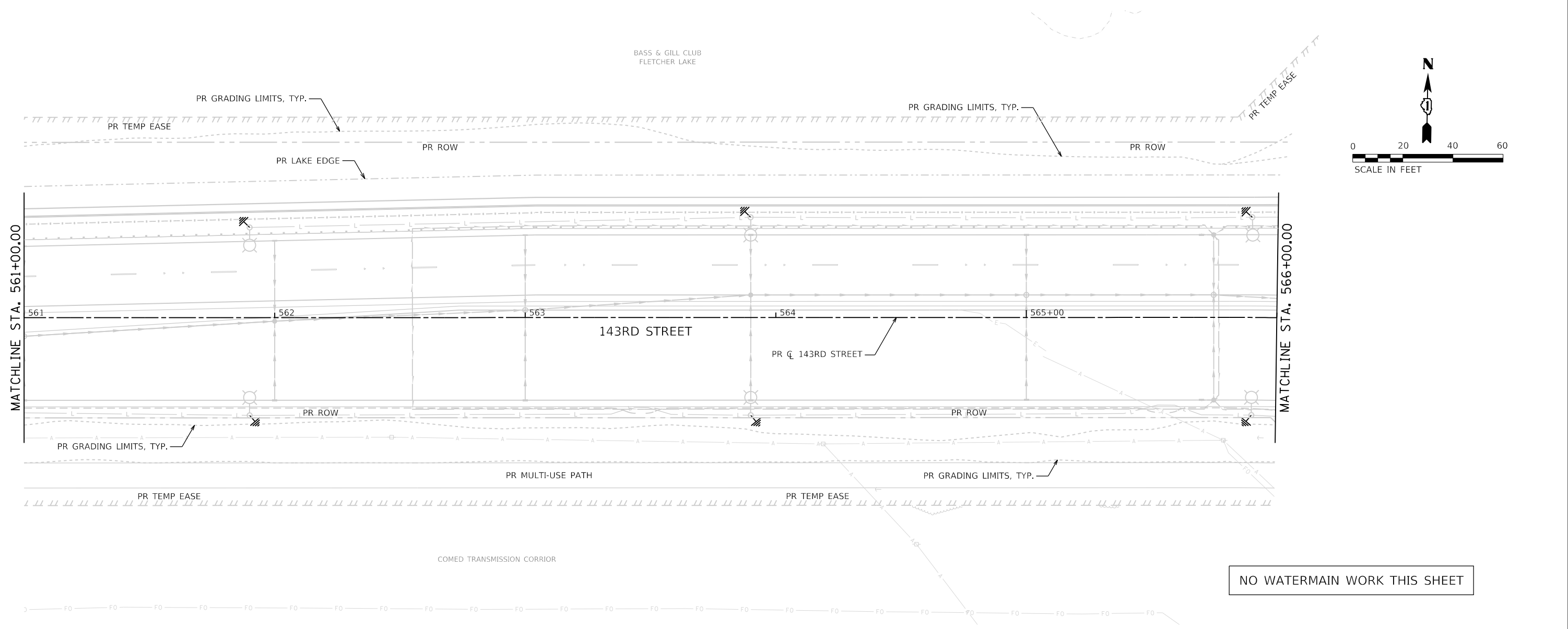
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0380	06-00040-00-FP	WILL	943	479
CONTRACT NO.			61H34	

ILLINOIS FED. AID PROJECT

PLAN	SURVEYED	DATE
	PLOTTED	
	NOTED	
	CHECKED	
	FILE NAME	
	NO.	

PROFILE	SURVEYED	DATE
	PLOTTED	
	GRADES	
	CHECKED	
	STRUCTURE	
	NOTATIONS	
	CHKD	
	NO.	

DIRECTORY = L:\P\11\11602402-00\_143rdDraw\Roadway\CADD\_Sheets\  
 USER NAME = Zach Escherds



602.65 615.74	602.68 615.54	601.39 615.33	601.85 615.13	601.58 614.92	602.77 614.72	602.10 614.51	601.52 614.31	609.32 614.10	615.42 613.91	614.57 613.91
561+00	561+50	562+00	562+50	563+00	563+50	564+00	564+50	565+00	565+50	566+00



FILE NAME = sht-water_plnprf-11.dgn	DESIGNED - MJW	REVISED -
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PLOT SCALE = 40,000' / 1"	CHECKED - MJW	REVISED -
PLOT DATE = 2/20/2024 (R:34:14 AM)	DATE - 02/21/2022	REVISED -

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

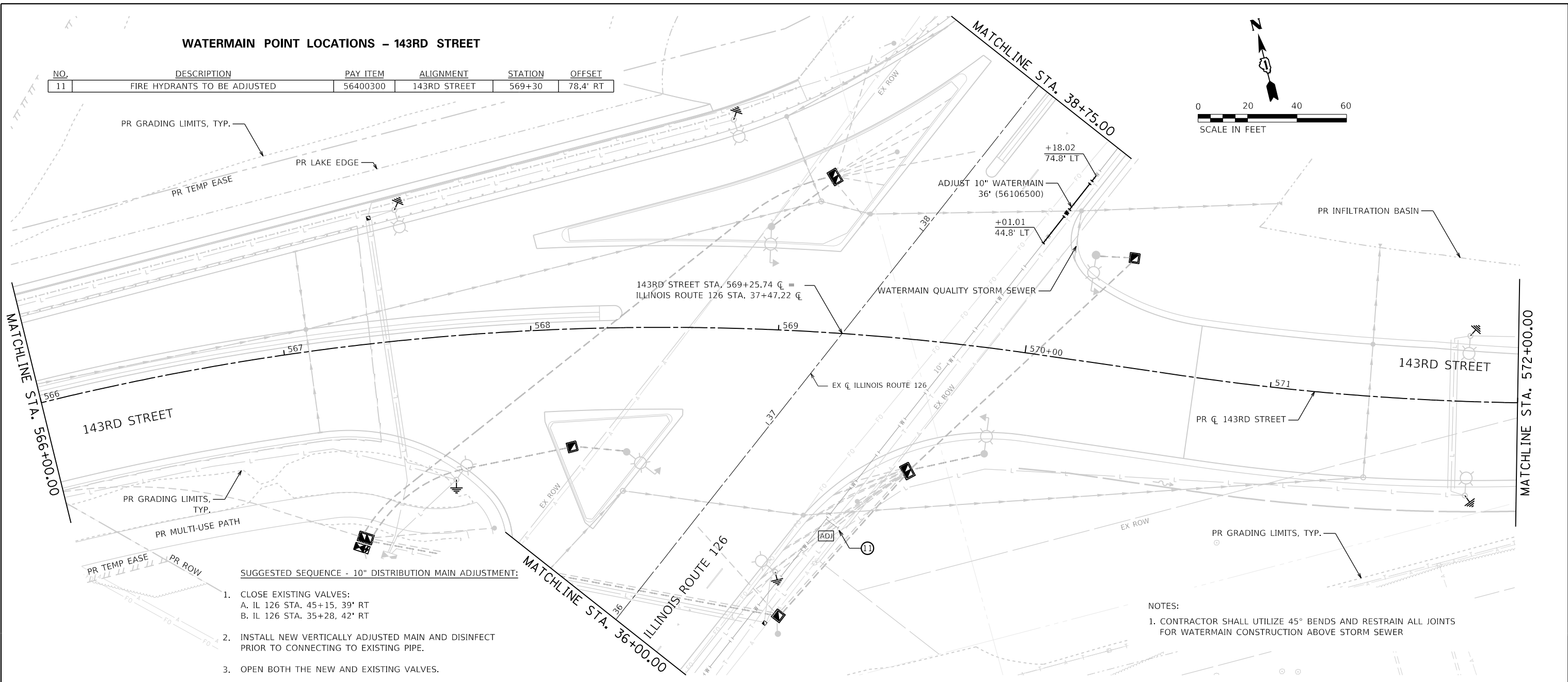
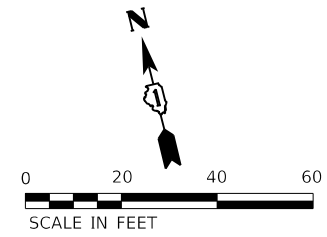
WATERMAIN PLAN AND PROFILE  
 143RD STREET

SCALE: 1"=20' SHEET 11 OF 24 SHEETS STA. 561+00 TO STA. 566+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0380	06-00040-00-FP	WILL	943	480
CONTRACT NO. 61H34			ILLINOIS FED. AID PROJECT	

**WATERMAIN POINT LOCATIONS - 143RD STREET**

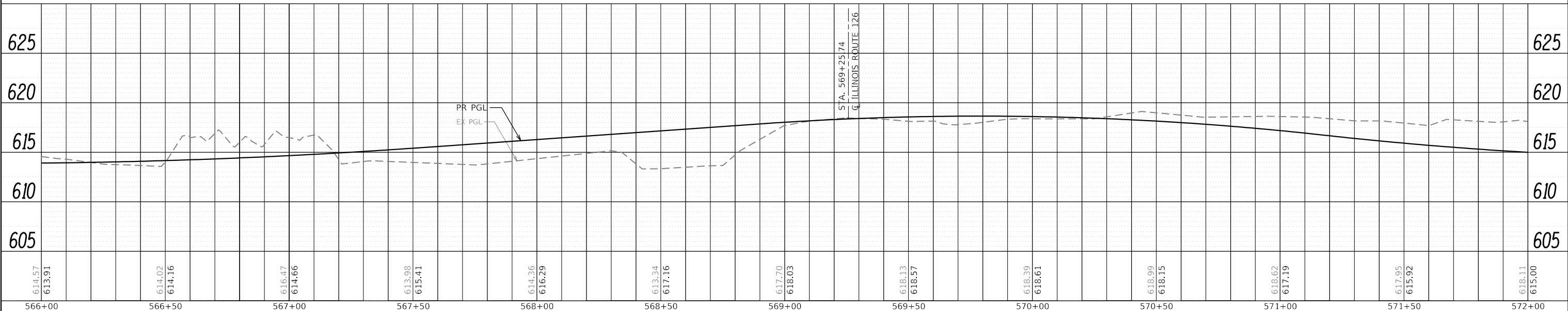
NO.	DESCRIPTION	PAY ITEM	ALIGNMENT	STATION	OFFSET
11	FIRE HYDRANTS TO BE ADJUSTED	56400300	143RD STREET	569+30	78.4' RT



**SUGGESTED SEQUENCE - 10" DISTRIBUTION MAIN ADJUSTMENT:**

- CLOSE EXISTING VALVES:  
A. IL 126 STA. 45+15, 39' RT  
B. IL 126 STA. 35+28, 42' RT
- INSTALL NEW VERTICALLY ADJUSTED MAIN AND DISINFECT PRIOR TO CONNECTING TO EXISTING PIPE.
- OPEN BOTH THE NEW AND EXISTING VALVES.

NOTES:  
1. CONTRACTOR SHALL UTILIZE 45° BENDS AND RESTRAIN ALL JOINTS FOR WATERMAIN CONSTRUCTION ABOVE STORM SEWER



PLAN	SURVEYED	DATE
NOTE BOOK	PLOTTED	BY
NO.	GRADES CHECKED	
	STRUCTURE NOT AT THIS OFFICE	

PROFILE	SURVEYED	DATE
NOTE BOOK	PLOTTED	BY
NO.	GRADES CHECKED	
	STRUCTURE NOT AT THIS OFFICE	

DIRECTORY USER NAME = L:\P\m\m\1602402-00\_143rdDraw\Roadway\CADD\_Sheets\Zach Escherds



FILE NAME = sht-water_pnprf-12.dgn	DESIGNED - MJW	REVISED -
MODEL NAME = Default	DRAWN - AS	REVISED -
PLOT SCALE = 40,000' / 1"	CHECKED - MJW	REVISED -
PLOT DATE = 2/20/2024 (R34:16 AM)	DATE - 02/21/2022	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**WATERMAIN PLAN AND PROFILE  
143RD STREET**

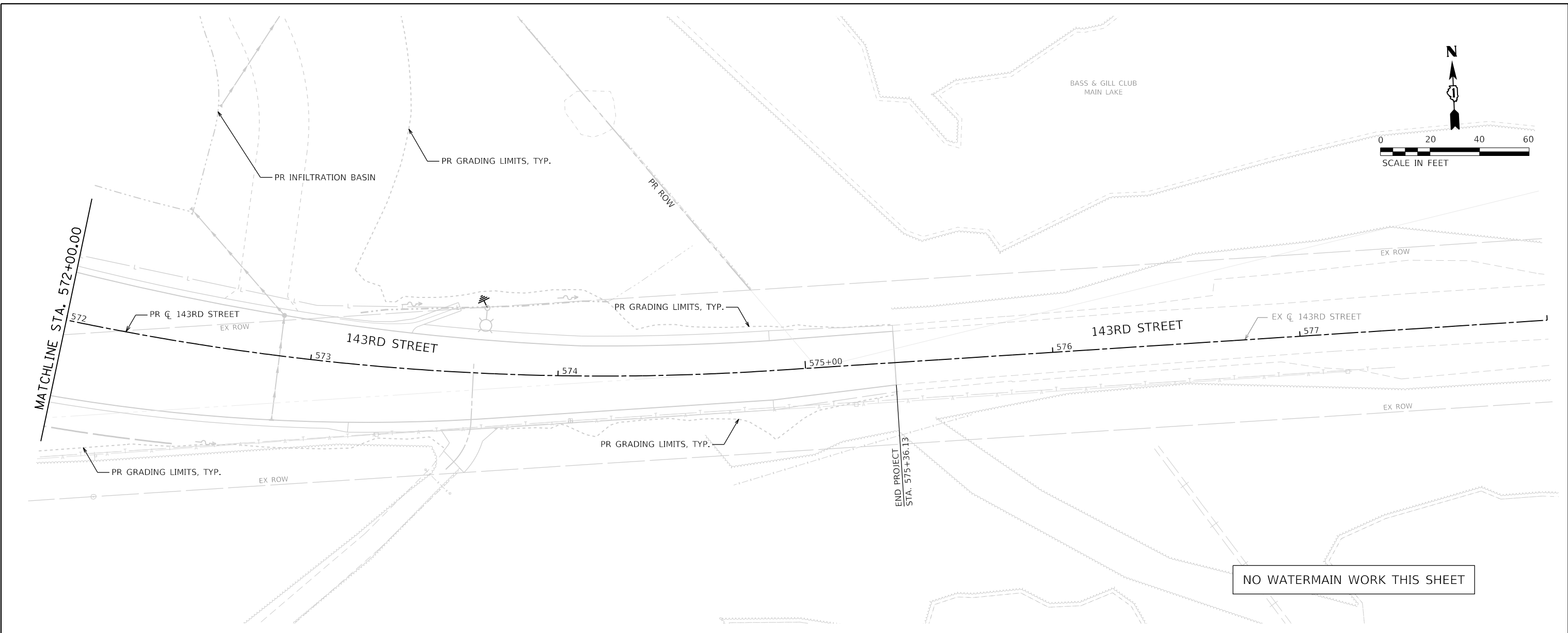
SCALE: 1"=20' SHEET 12 OF 24 SHEETS STA. 566+00 TO STA. 572+00

F.A.U. RTE. 0380	SECTION 06-00040-00-FP	COUNTY WILL	TOTAL SHEETS 943	SHEET NO. 481
CONTRACT NO. 61H34			ILLINOIS FED. AID PROJECT	

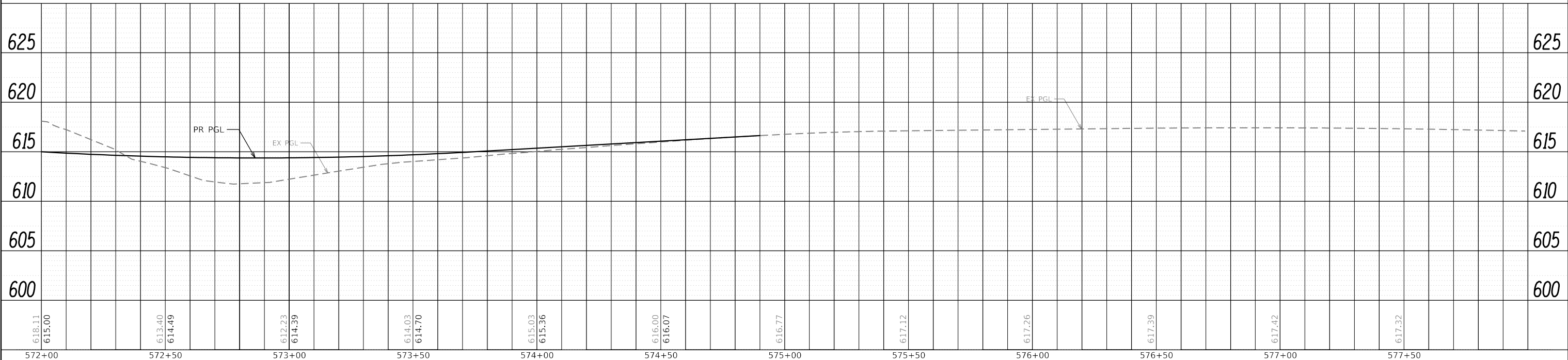
PLAN	SURVEYED	BY	DATE
NOTE BOOK	PROPOSED		
NO.	FILE NAME		

PROFILE	SURVEYED	BY	DATE
NOTE BOOK	GRADES CHECKED		
NO.	STRUCTURE		

PEN TABLE = PlotPen.tbl  
 PLOT DRIVER = pdmPLAYERShwPlotg  
 DIRECTORY = L:\P\m\1602402-00\_143rd\Draw\Roadway\CADD\_Sheets\  
 USER NAME = Zach Escherds



NO WATERMAIN WORK THIS SHEET



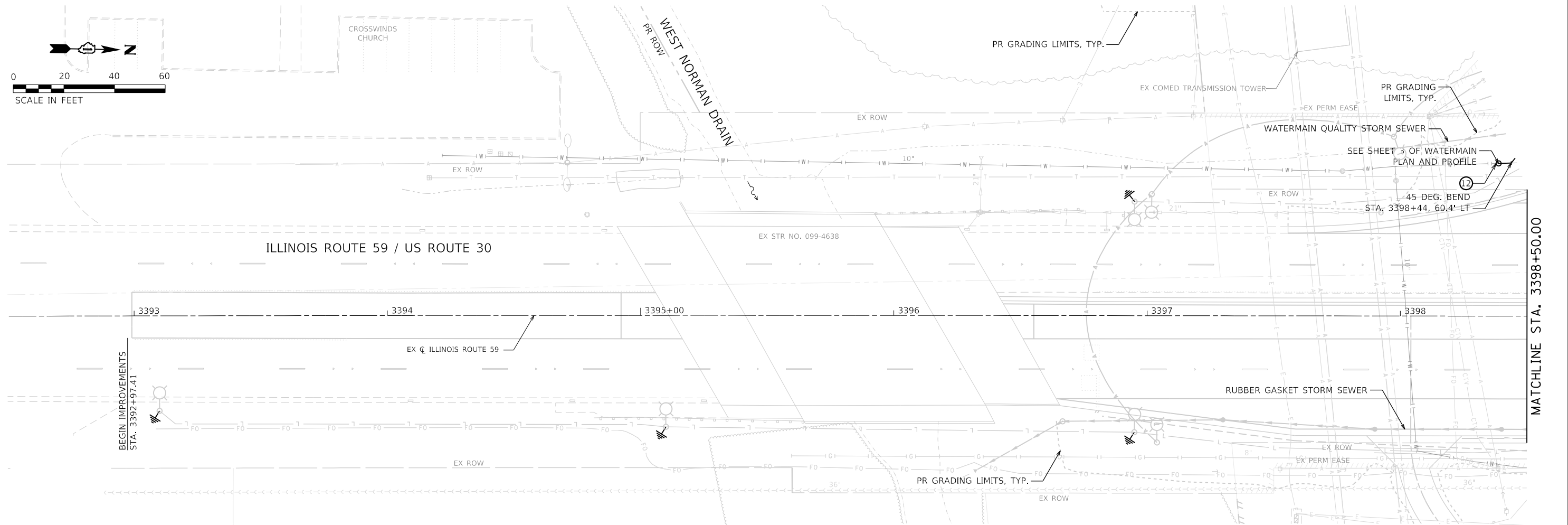
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	MODEL NAME = Default	DRAWN - AS	REVISED -		SCALE: 1"=20'		SHEET 13	OF 24 SHEETS	STA. 572+00	TO STA. 577+50	CONTRACT NO. 61H34
PLOT SCALE = 40,0000"/1in.	CHECKED - MJW	REVISED -			ILLINOIS FED. AID PROJECT						
PLOT DATE = 2/20/2024 (R:34:20 AM)	DATE - 02/21/2022	REVISED -									



PLAN	SURVEYED	DATE
	PLOTTED	
	ALIGNED	
	CHECKED	
	CADD FILE NAME	
	NO.	

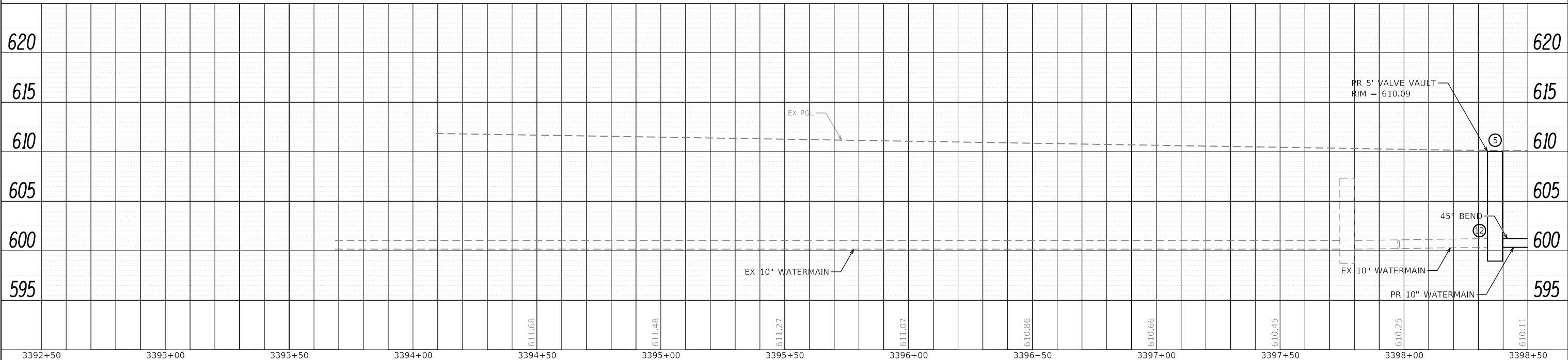
PROFILE	SURVEYED	DATE
	PLOTTED	
	GRADES CHECKED	
	STRUCTURE NOT AT THIS OFF	
	NO.	

PEN TABLE = P:\P\m\m\1602402-00\_143\Draw\Roadway\CADD\_Sheets\...  
 PLOT DRIVER = p:\NO\LAYERS\Shw\plog  
 BY: \_\_\_\_\_  
 USER NAME = Zach Escherds



**WATERMAIN POINT LOCATIONS - ILLINOIS ROUTE 59**

NO.	DESCRIPTION	PAY ITEM	ALIGNMENT	STATION	OFFSET
12	NON-PRESSURE CONNECTION TO EX. WATERMAIN, 10"	X1200221	IL ROUTE 59	3398+44	60.4' LT



3392+50	3393+00	3393+50	3394+00	3394+50	3395+00	3395+50	3396+00	3396+50	3397+00	3397+50	3398+00	3398+50
611.68	611.48	611.27	611.07	610.86	610.66	610.45	610.25	610.11				



FILE NAME = sht-water_p\p14.dgn	DESIGNED - MJW	REVISED -
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PLOT SCALE = 40,0000' / in.	CHECKED - MJW	REVISED -
PLOT DATE = 2/20/2024 (R:34:22 AM)	DATE - 02/21/2022	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**WATERMAIN PLAN AND PROFILE  
ILLINOIS ROUTE 59**

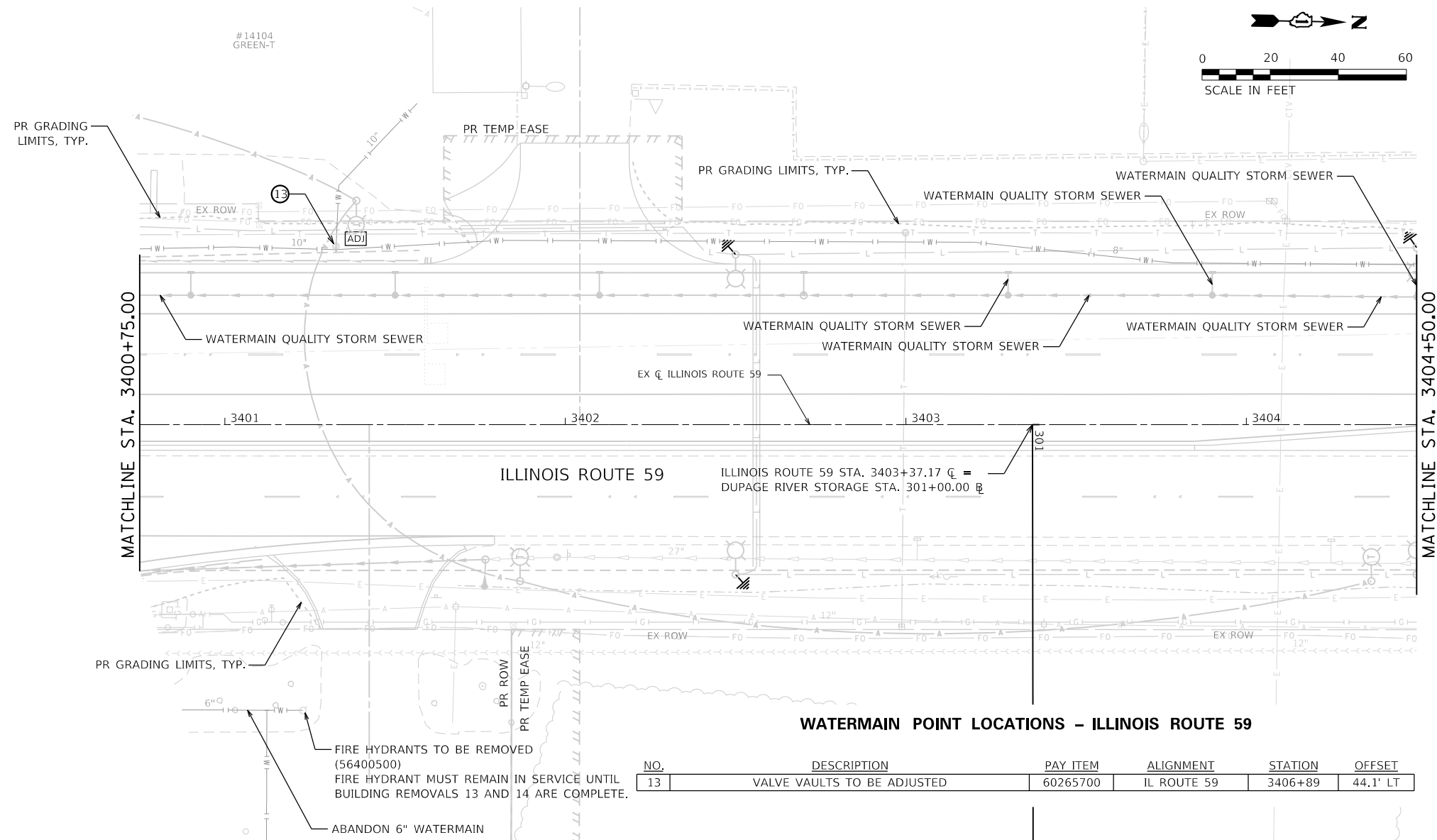
SCALE: 1"=20' SHEET 14 OF 24 SHEETS STA. 3392+50 TO STA. 3398+50

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0380	06-00040-00-FP	WILL	943	483
CONTRACT NO. 61H34			ILLINOIS FED. AID PROJECT	

PLAN	SURVEYED	DATE
NOTE BOOK NO.	ALIGNED	
	CHECKED	
	CADD FILE NAME	

PROFILE	SURVEYED	DATE
NOTE BOOK NO.	GRADES CHECKED	
	STRUCTURE NOTATIONS CHECKED	

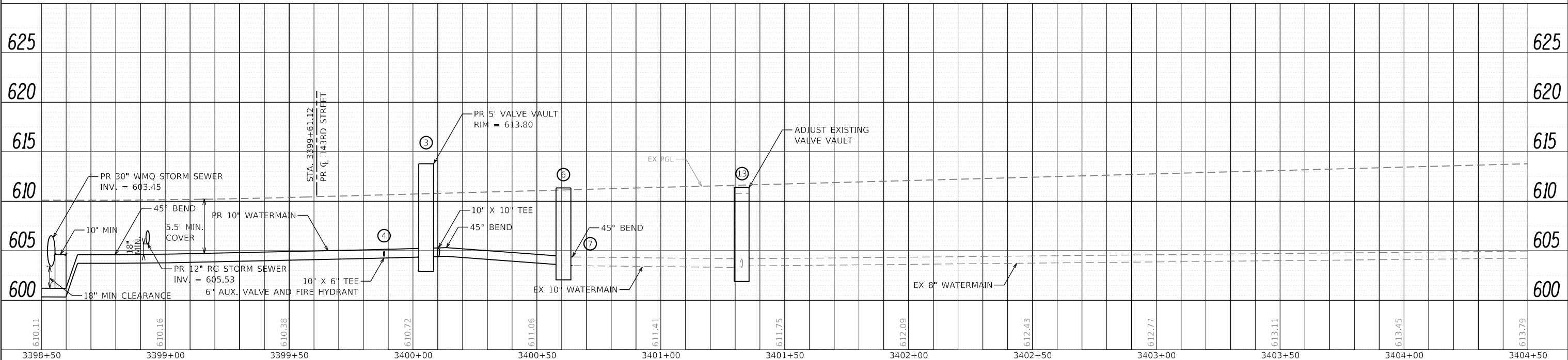
DIRECTORY USER NAME = L:\P\m\m\1602402\_00\_143\Draw\Roadway\CADD\_Sheets\Zach\_Eshwar-ds  
 PEN TABLE PLOT DRIVER = p:\NOI\Layers\Shwplotf



**NOTES:**

- CONTRACTOR SHALL UTILIZE 45° BENDS AND RESTRAIN ALL JOINTS FOR WATERMAIN CONSTRUCTION BENEATH STORM SEWER
- WATERMAIN CONNECTIONS TO CUBESMART FIRE HYDRANT (3401+22.9, 84' RT IL-59) MUST REMAIN ACTIVE UNTIL CUBESMART BUILDING REMOVALS 13 AND 14 ARE COMPLETE.

NO.	DESCRIPTION	PAY ITEM	ALIGNMENT	STATION	OFFSET
13	VALVE VAULTS TO BE ADJUSTED	60265700	IL ROUTE 59	3406+89	44.1' LT



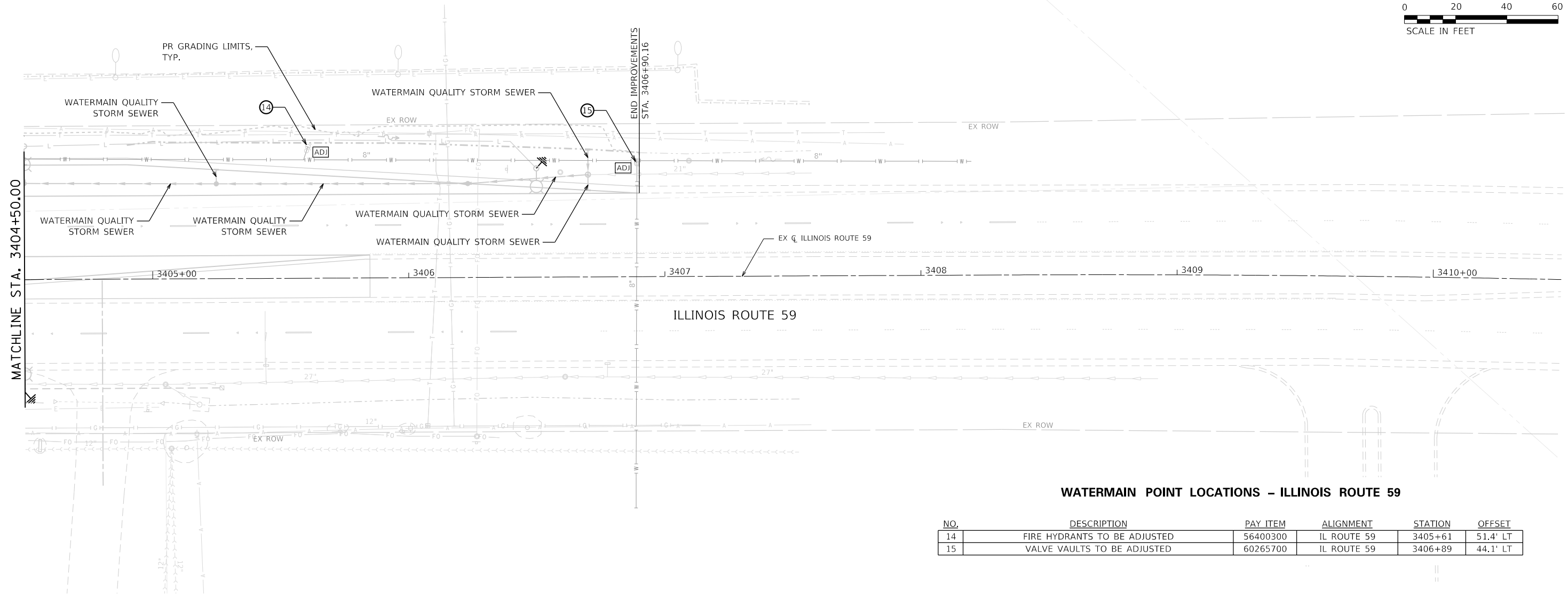
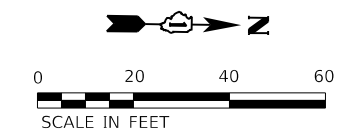
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PLOT DATE = 2/20/2024 (R:34:25 AM)	DATE - 02/21/2022	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**WATERMAIN PLAN AND PROFILE  
ILLINOIS ROUTE 59**

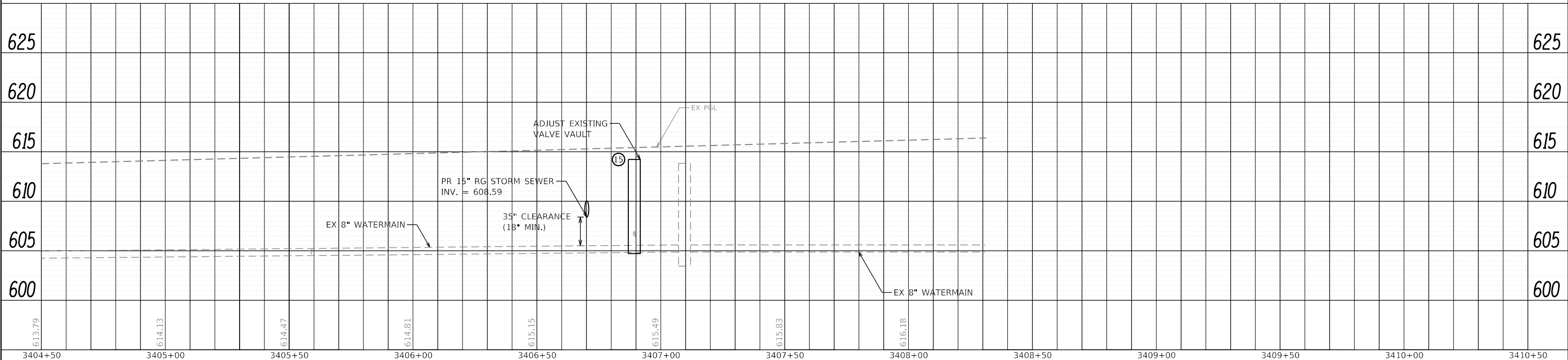
SCALE: 1"=20' SHEET 15 OF 24 SHEETS STA. 3400+75 TO STA. 3404+50

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0380	06-00040-00-FP	WILL	943	484
CONTRACT NO. 61H34			ILLINOIS FED. AID PROJECT	



**WATERMAIN POINT LOCATIONS - ILLINOIS ROUTE 59**

NO.	DESCRIPTION	PAY ITEM	ALIGNMENT	STATION	OFFSET
14	FIRE HYDRANTS TO BE ADJUSTED	56400300	IL ROUTE 59	3405+61	51.4' LT
15	VALVE VAULTS TO BE ADJUSTED	60265700	IL ROUTE 59	3406+89	44.1' LT



PLAN	SURVEYED	DATE
NOTE BOOK NO.	GRADES CHECKED	
	ALIGNMENT CHECKED	
	CADD FILE NAME	

PROFILE	SURVEYED	DATE
NOTE BOOK NO.	GRADES CHECKED	
	STRUCTURE NOT AT THIS OFFICE	

DIRECTORY USER NAME = L:\P\m\m\1602402-00\_143\Draw\Roadway\CADD\_Sheets\Zach\_Eshwars



FILE NAME = sht-wat_pnprf-16.dgn	DESIGNED - MJW	REVISED -
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PLOT DATE = 2/20/2024 (R:34:27 AM)	DATE - 02/21/2022	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**WATERMAIN PLAN AND PROFILE  
ILLINOIS ROUTE 59**

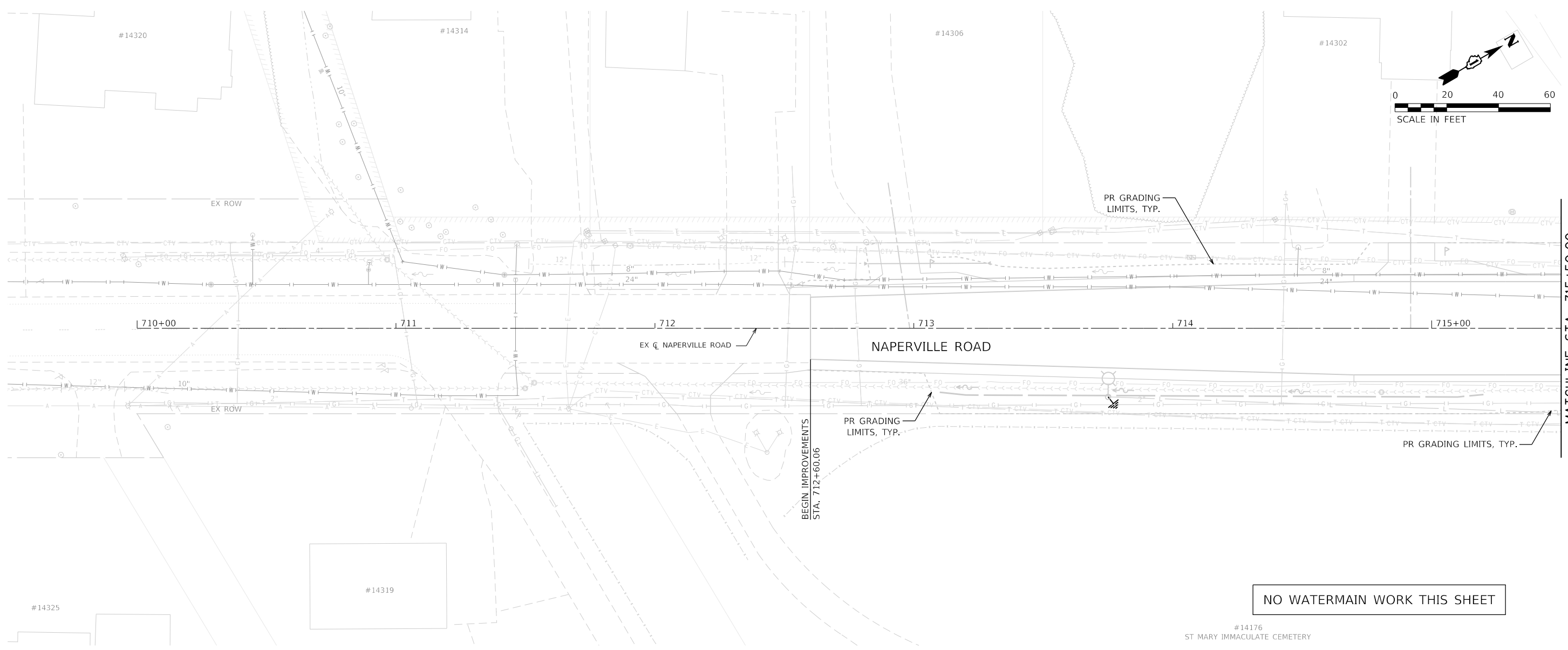
SCALE: 1"=20' SHEET 16 OF 24 SHEETS STA. 3404+50 TO STA. 3410+50

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0380	06-00040-00-FP	WILL	943	485
CONTRACT NO. 61H34			ILLINOIS FED. AID PROJECT	

PLAN	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
NO.	ALIGNED		
	CHECKED		
	CADD FILE NAME		

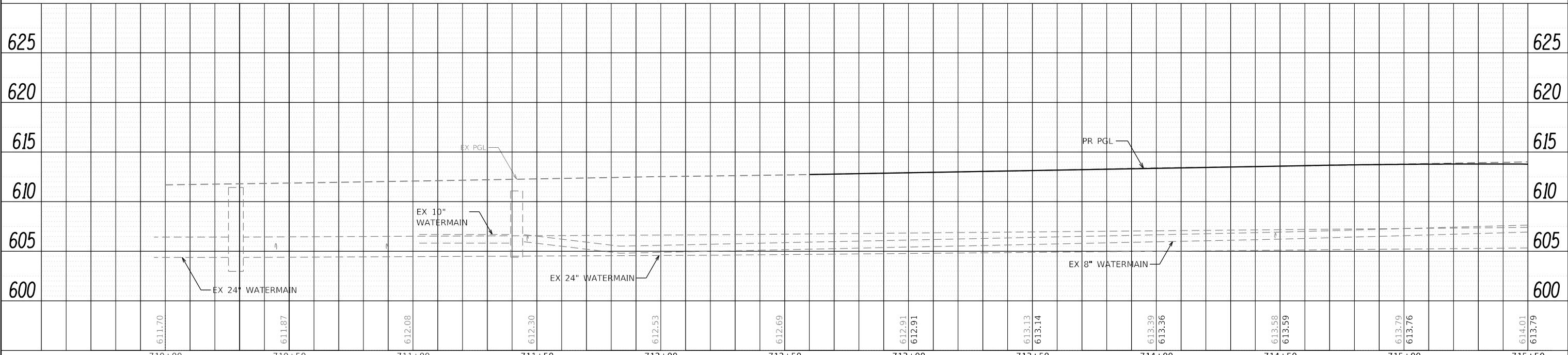
PROFILE	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
NO.	GRADES CHECKED		
	STRUCTURE NOT AT THIS OFFICE		

PEN TABLE = PlotPen.tbl  
 PLOT DRIVER = pdmPLAYERShwPlotg  
 L:\P\m\1602402-00\_143\Draw\Roadway\CADD\_Sheets\Zach\_Eshw-ds



NO WATERMAIN WORK THIS SHEET

#14176  
ST MARY IMMACULATE CEMETERY



710+00	710+50	711+00	711+50	712+00	712+50	713+00	713+50	714+00	714+50	715+00	715+50
611.70	611.87	612.08	612.30	612.53	612.69	612.91	613.13	613.29	613.58	613.79	614.01



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PLOT DATE = 2/20/2024 (R:34:29 AM)	DATE - 02/21/2022	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

WATERMAIN PLAN AND PROFILE  
NAPERVILLE ROAD

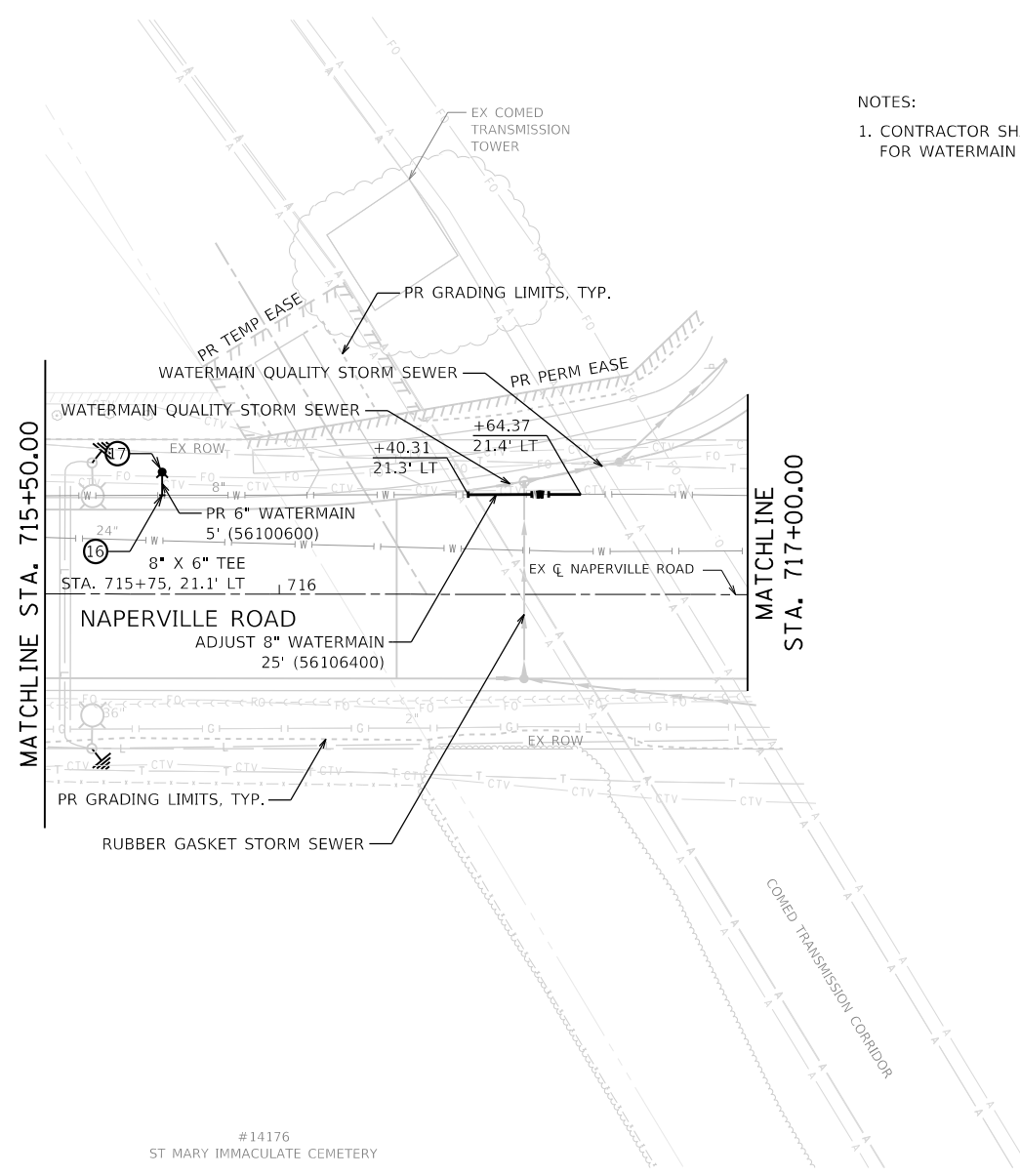
SCALE: 1"=20' SHEET 17 OF 24 SHEETS STA. 709+50 TO STA. 715+50

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0380	06-00040-00-FP	WILL	943	486
CONTRACT NO. 61H34			ILLINOIS FED. AID PROJECT	

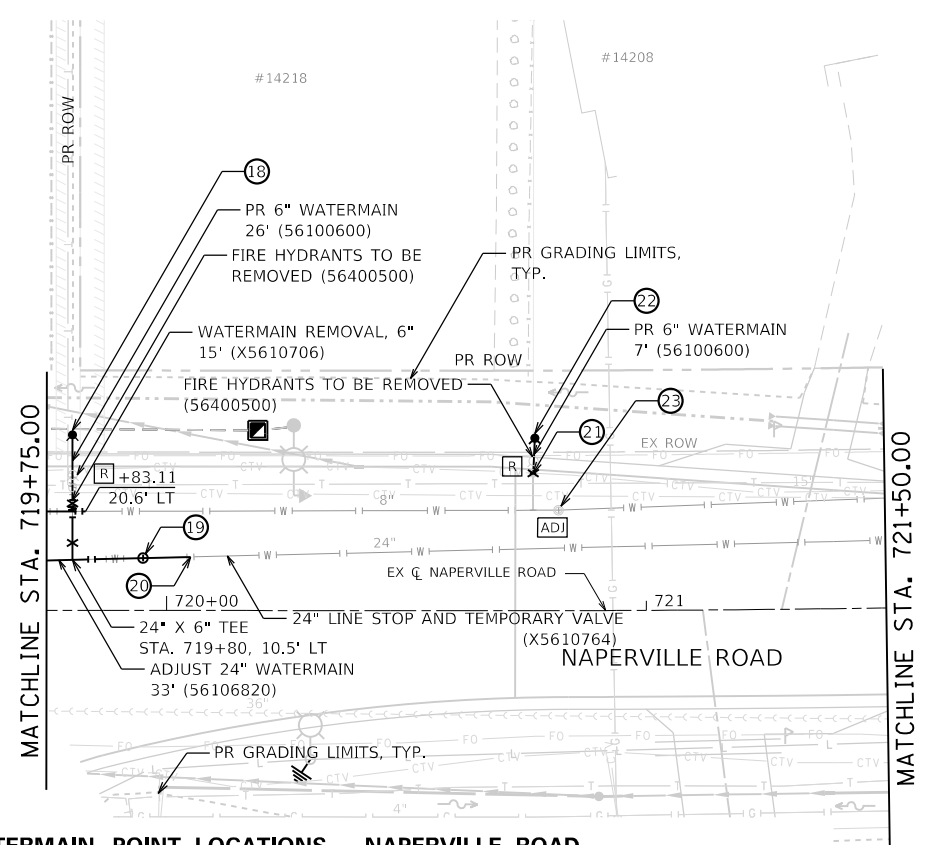
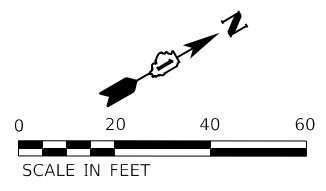
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	PLOTTED	
	ALIGNED	
	CHECKED	
	CADD FILE NAME	
	NO.	

PROFILE	SURVEYED	DATE
	PLOTTED	
	GRADES CHECKED	
	STRUCTURE NOT AT THIS OFFICE	
	NO.	

DIRECTORY USER NAME = L:\P\m\m\1602402-00\_143rd\Draw\Roadway\CADD\_Sheets\Zach Escherds  
 PEN TABLE PLOT DRIVER = ptnolayer\wshpplotf

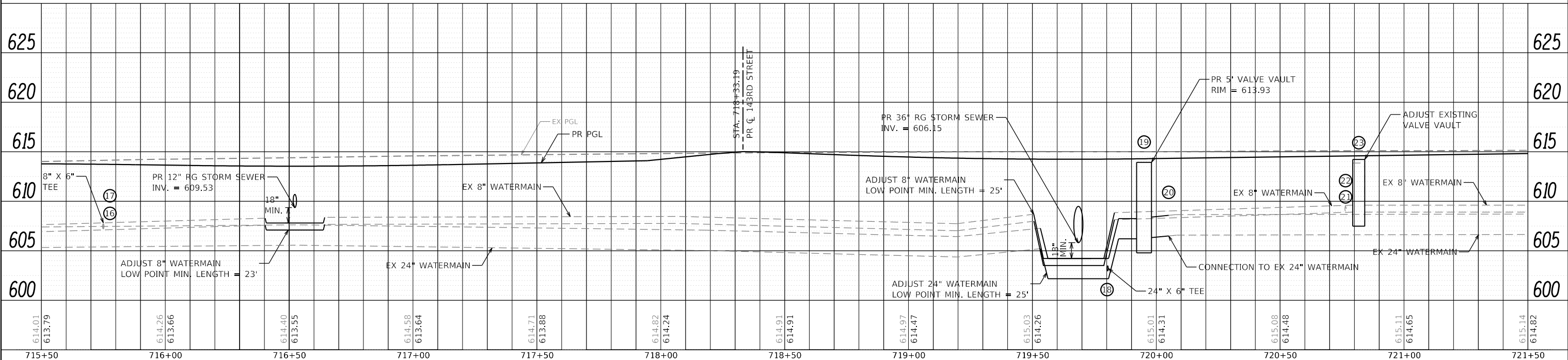


NOTES:  
 1. CONTRACTOR SHALL UTILIZE 45° BENDS AND RESTRAIN ALL JOINTS FOR WATERMAIN CONSTRUCTION BENEATH STORM SEWER



**WATERMAIN POINT LOCATIONS - NAPERVILLE ROAD**

NO.	DESCRIPTION	PAY ITEM	ALIGNMENT	STATION	OFFSET
16	NON-PRESSURE CONNECTION TO EX. WATERMAIN, 8"	X1200221	NAPERVILLE ROAD	715+75	21.1' LT
17	FIRE HYDRANT WITH AUXILIARY VALVE AND VALVE BOX	56400820	NAPERVILLE ROAD	715+75	26.1' LT
18	FIRE HYDRANT WITH AUXILIARY VALVE AND VALVE BOX	56400820	NAPERVILLE ROAD	719+80	36.6' LT
19	VALVE VAULTS, TY. A, 5'-DIA. TY. 1 FRAME, CLOSED LID	60248900	NAPERVILLE ROAD	719+95	10.9' LT
19	WATER VALVES, 24"	56105420	NAPERVILLE ROAD	719+95	10.9' LT
20	NON-PRESSURE CONNECTION TO EX. WATERMAIN, 24"	X1200221	NAPERVILLE ROAD	720+05	11.2' LT
21	NON-PRESSURE CONNECTION TO EX. WATERMAIN, 6"	X1200221	NAPERVILLE ROAD	720+76	28.7' LT
22	FIRE HYDRANT WITH AUXILIARY VALVE AND VALVE BOX	56400820	NAPERVILLE ROAD	720+77	36.0' LT
23	VALVE VAULTS TO BE ADJUSTED	60265700	NAPERVILLE ROAD	720+82	20.9' LT



FILE NAME = sht-water_pnprf-18.dgn	DESIGNED - MJW	REVISED -
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PLOT SCALE = 40,0000' / in.	CHECKED - MJW	REVISED -
PLOT DATE = 2/20/2024 (R:34:31 AM)	DATE - 02/21/2022	REVISED -

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**WATERMAIN PLAN AND PROFILE**  
**NAPERVILLE ROAD**

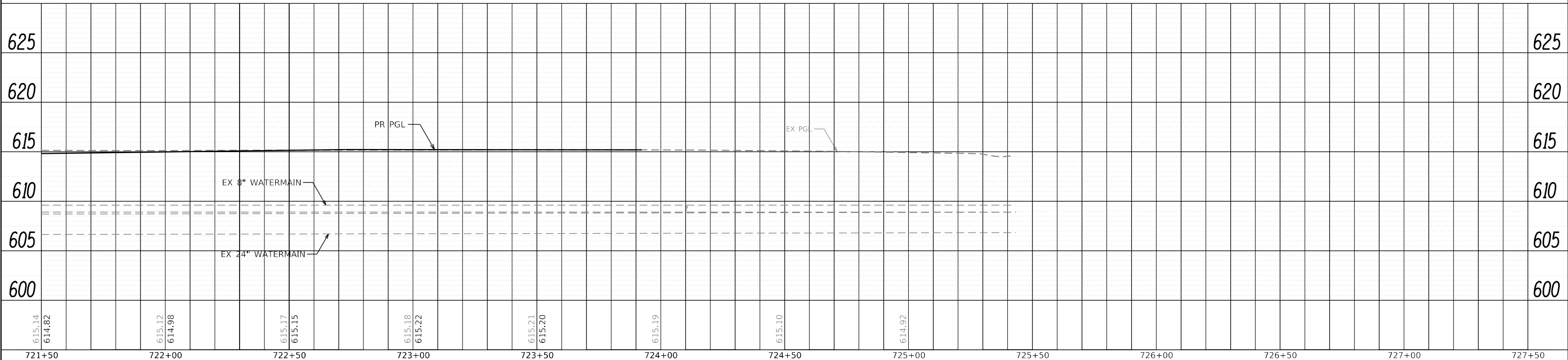
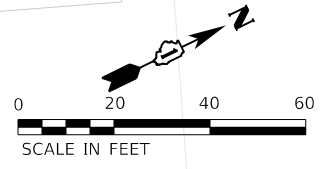
SCALE: 1"=20' SHEET 18 OF 24 SHEETS STA. 715+50 TO STA. 721+50

F.A.U. RTE. 0380	SECTION 06-00040-00-FP	COUNTY WILL	TOTAL SHEETS 943	SHEET NO. 487
CONTRACT NO. 61H34			ILLINOIS FED. AID PROJECT	

PLAN	SURVEYED	BY	DATE
NOTE BOOK NO.	PLOTTED		
	GRADES CHECKED		
	ALIGNMENT CHECKED		
	CADD FILE NAME		

PROFILE	SURVEYED	BY	DATE
NOTE BOOK NO.	PLOTTED		
	GRADES CHECKED		
	STRUCTURE NOTATIONS CHECKED		

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 PLOT DRIVER = pdmPLAYERShw.pplg  
 L:\P\111602402\00\_143\Draw\Roadway\CADD\_Sheets\Zach\_Eshwar-ds  
 USER NAME = Zach\_Eshwar-ds



721+50	722+00	722+50	723+00	723+50	724+00	724+50	725+00	725+50	726+00	726+50	727+00	727+50
615.14 614.82	615.12 614.98	615.17 615.15	615.18 615.22	615.21 615.20	615.19	615.10	614.92					

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PLOT DATE = 2/20/2024 (R:34:34 AM)	DATE - 02/21/2022	REVISED -

<b>STATE OF ILLINOIS</b>		<b>WATERMAIN PLAN AND PROFILE</b>	
<b>DEPARTMENT OF TRANSPORTATION</b>		<b>NAPERVILLE ROAD</b>	
F.A.U. RTE. 0380	SECTION 06-00040-00-FP	COUNTY WILL	TOTAL SHEETS 943
SCALE: 1"=20'		SHEET 19 OF 24 SHEETS	SHEET NO. 488
STA. 721+50		TO STA. 727+50	
ILLINOIS FED. AID PROJECT CONTRACT NO. 61H34			

PLAN	SURVEYED	BY	DATE
	PLOTTED		
	NOTE BOOK		
	NO.		
	CADD FILE NAME		

PROFILE	SURVEYED	BY	DATE
	PLOTTED		
	NOTE BOOK		
	NO.		
	GRADES CHECKED		
	STRUCTURE NOTATIONS CHECKED		

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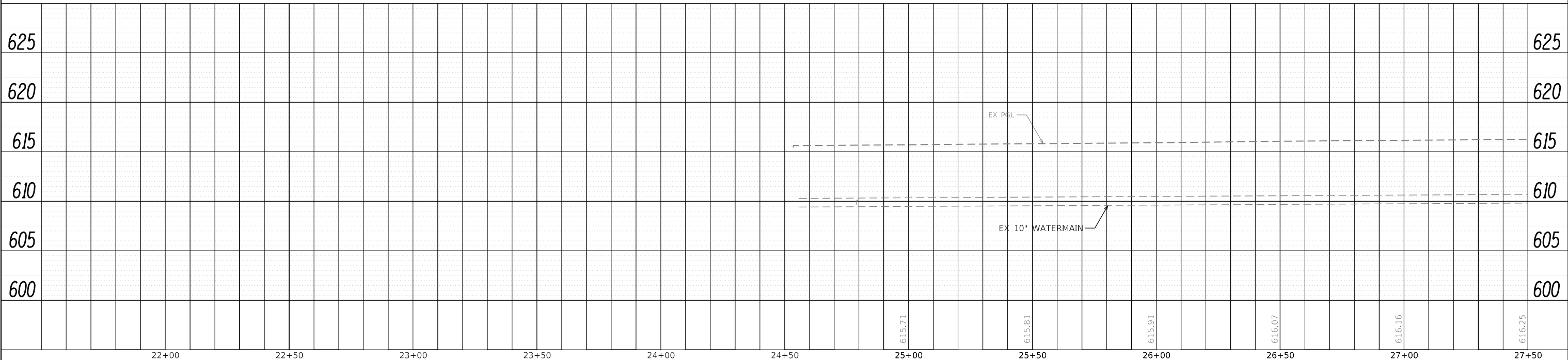
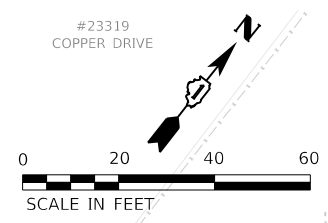
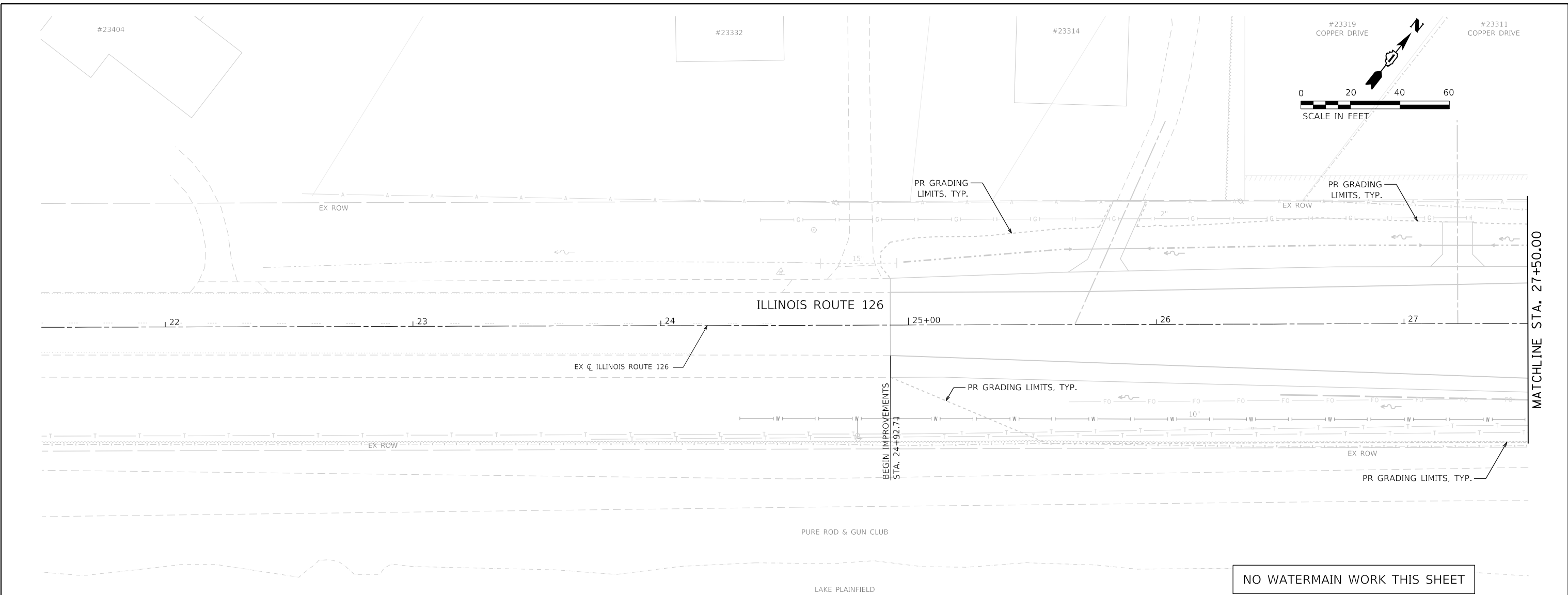
DESIGNED - MJW  
 DRAWN - AS  
 CHECKED - MJW  
 DATE - 02/21/2022

REVISIONS

REVISOR

REVISION

DATE



NO WATERMAIN WORK THIS SHEET

22+00	22+50	23+00	23+50	24+00	24+50	25+00	25+50	26+00	26+50	27+00	27+50
615.71						615.81		615.91		616.07	616.25

FILE NAME = sht-water_plnprf-20.dgn	DESIGNED - MJW	REVISIONS	
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PLOT SCALE = 40,0000"/1"	CHECKED - MJW	REVISIONS	
PLOT DATE = 2/20/2024 (R:34:36 AM)	DATE - 02/21/2022	REVISIONS	

<b>STATE OF ILLINOIS</b>		<b>WATERMAIN PLAN AND PROFILE</b>	
<b>DEPARTMENT OF TRANSPORTATION</b>		<b>ILLINOIS ROUTE 126</b>	
SCALE: 1"=20'	SHEET 20 OF 24 SHEETS	STA. 21+50	TO STA. 27+50

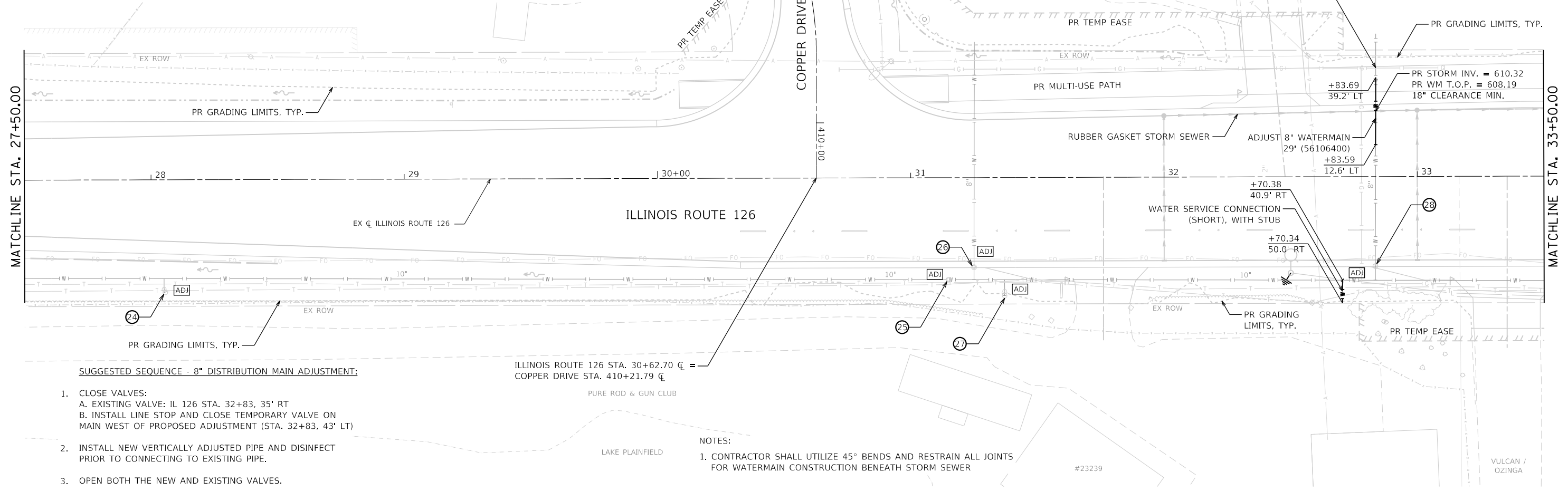
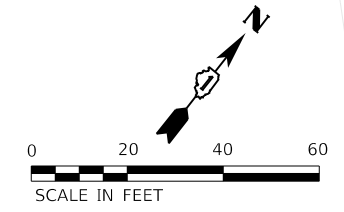
F.A.U. RTE. 0380	SECTION 06-00040-00-FP	COUNTY WILL	TOTAL SHEETS 943	SHEET NO. 489
CONTRACT NO. 61H34			ILLINOIS FED. AID PROJECT	

#23311  
COPPER DRIVE

#23305  
COPPER DRIVE

**WATERMAIN POINT LOCATIONS - ILLINOIS ROUTE 126**

NO.	DESCRIPTION	PAY ITEM	ALIGNMENT	STATION	OFFSET
24	FIRE HYDRANTS TO BE ADJUSTED	56400300	IL ROUTE 126	28+06	44.5' RT
25	VALVE VAULTS TO BE ADJUSTED	60265700	IL ROUTE 126	31+15	40.3' RT
26	VALVE VAULTS TO BE ADJUSTED	60265700	IL ROUTE 126	31+25	35.4' RT
27	FIRE HYDRANTS TO BE ADJUSTED	56400300	IL ROUTE 126	31+37	46.7' RT
28	VALVE VAULTS TO BE ADJUSTED	60265700	IL ROUTE 126	32+83	35.6' RT

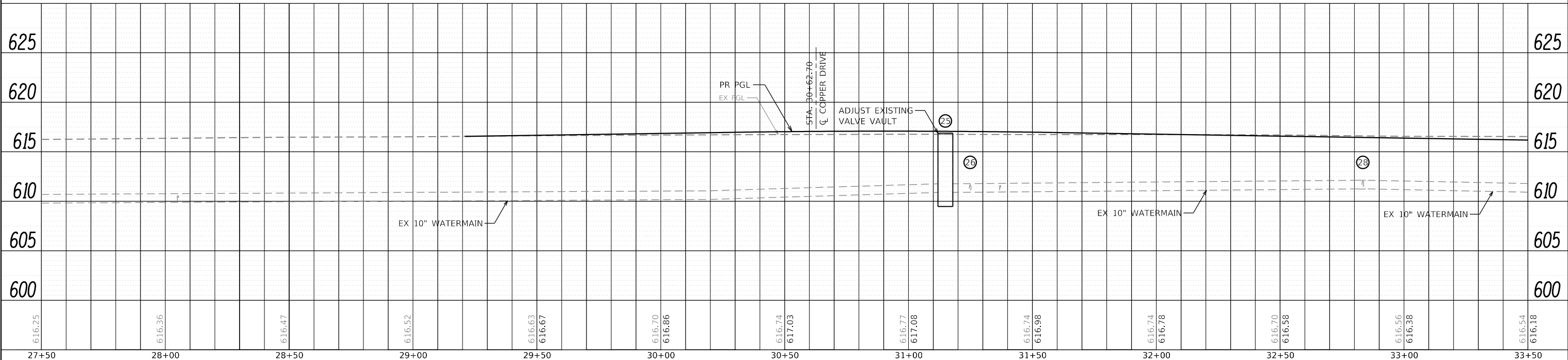


**SUGGESTED SEQUENCE - 8" DISTRIBUTION MAIN ADJUSTMENT:**

- CLOSE VALVES:  
A. EXISTING VALVE: IL 126 STA. 32+83, 35' RT  
B. INSTALL LINE STOP AND CLOSE TEMPORARY VALVE ON MAIN WEST OF PROPOSED ADJUSTMENT (STA. 32+83, 43' LT)
- INSTALL NEW VERTICALLY ADJUSTED PIPE AND DISINFECT PRIOR TO CONNECTING TO EXISTING PIPE.
- OPEN BOTH THE NEW AND EXISTING VALVES.

ILLINOIS ROUTE 126 STA. 30+62.70 CL =  
COPPER DRIVE STA. 410+21.79 CL

- NOTES:**
- CONTRACTOR SHALL UTILIZE 45° BENDS AND RESTRAIN ALL JOINTS FOR WATERMAIN CONSTRUCTION BENEATH STORM SEWER



PLAN	SURVEYED	DATE
NOTE BOOK NO.	GRADES CHECKED	BY
CADD FILE NAME	STRUCTURE NOT AT THIS OFFICE	

PROFILE	SURVEYED	DATE
NOTE BOOK NO.	GRADES CHECKED	BY
CADD FILE NAME	STRUCTURE NOT AT THIS OFFICE	

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DRAWN - AS	REVISED -
CHECKED - MJW	REVISED -
DATE - 02/21/2022	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**WATERMAIN PLAN AND PROFILE  
ILLINOIS ROUTE 126**

SCALE: 1"=20' SHEET 21 OF 24 SHEETS STA. 27+50 TO STA. 33+50

F.A.U. RTE. 0380	SECTION 06-00040-00-FP	COUNTY WILL	TOTAL SHEETS 943	SHEET NO. 490
CONTRACT NO. 61H34			ILLINOIS FED. AID PROJECT	



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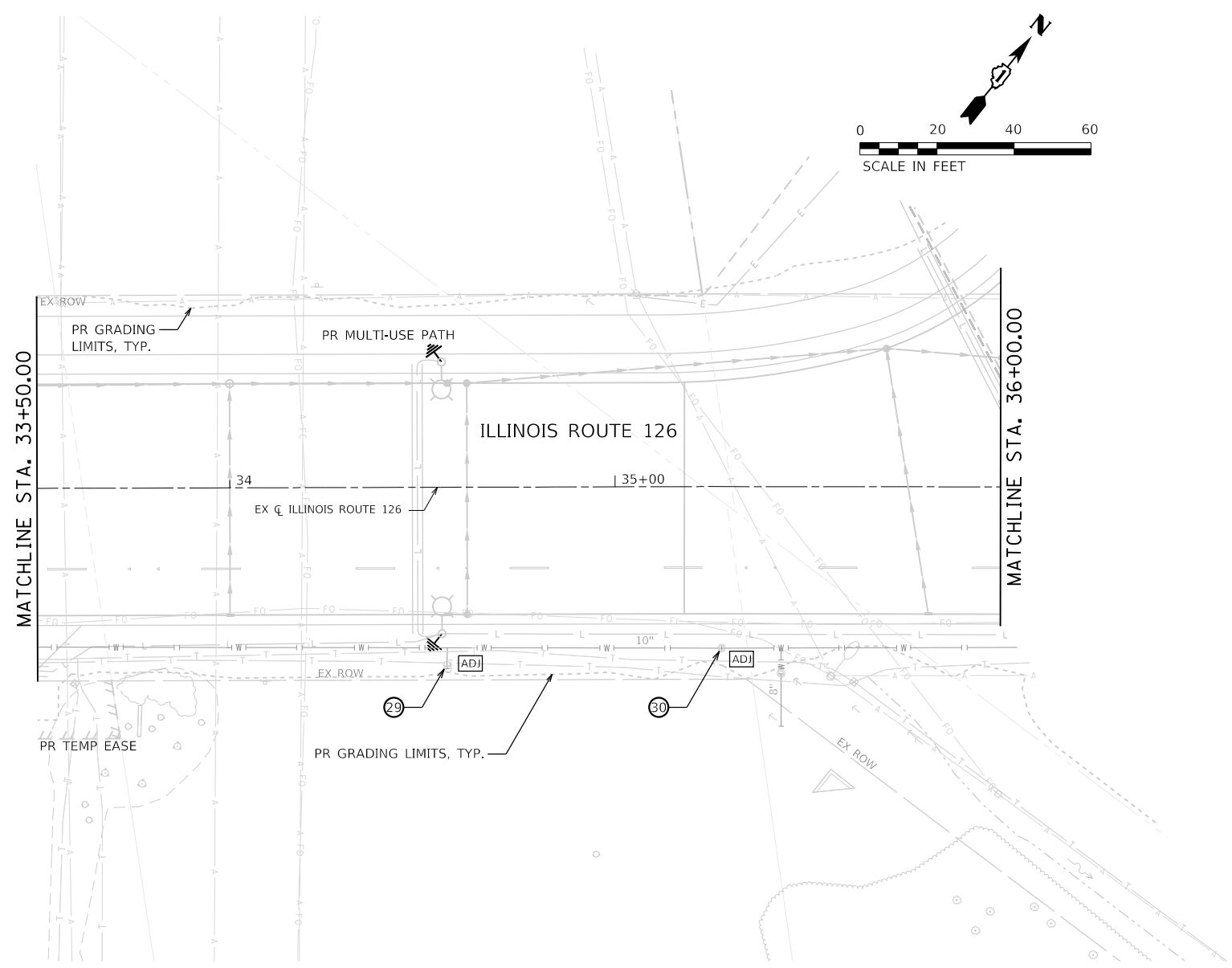


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	PLOTTED		
	NOTE BOOK		
	NO.		
	CHECKED		
	FILE NAME		

PROFILE	SURVEYED	BY	DATE
	PLOTTED		
	NOTE BOOK		
	NO.		
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	FILE NAME		

DIRECTORY = L:\P\Illinois\16024002\_00\_143\Draw\Roadway\CADD\_Sheets\ USER NAME = Zach Eshwar-ds

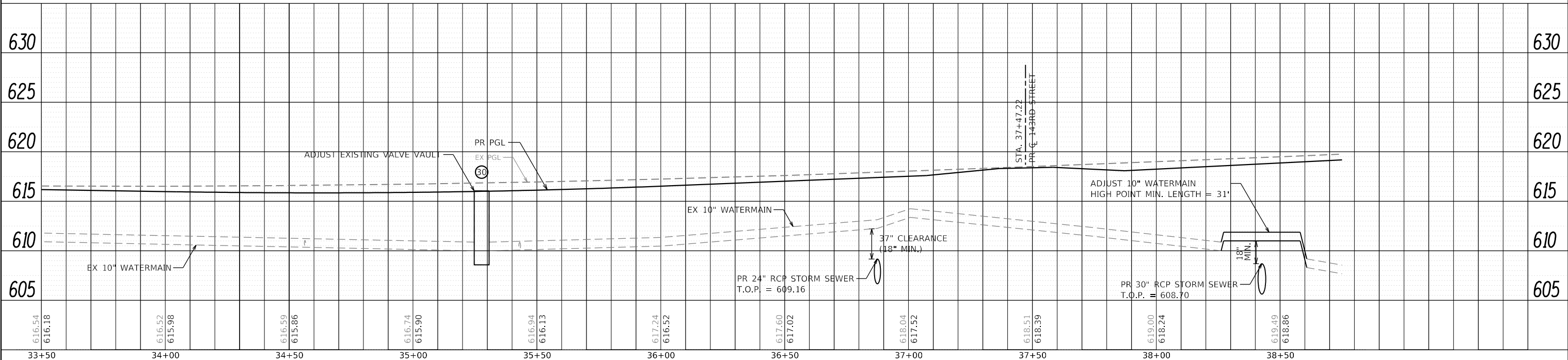
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NOTES:  
1. CONTRACTOR SHALL UTILIZE 45° BENDS AND RESTRAIN ALL JOINTS FOR WATERMAIN CONSTRUCTION ABOVE STORM SEWER

**WATERMAIN POINT LOCATIONS - ILLINOIS ROUTE 126**

NO.	DESCRIPTION	PAY ITEM	ALIGNMENT	STATION	OFFSET
29	FIRE HYDRANTS TO BE ADJUSTED	56400300	IL ROUTE 126	34+56	47.1' RT
30	VALVE VAULTS TO BE ADJUSTED	60265700	IL ROUTE 126	35+28	41.9' RT



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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**WATERMAIN PLAN AND PROFILE  
ILLINOIS ROUTE 126**

SCALE: 1"=20' SHEET 22 OF 24 SHEETS STA. 33+50 TO STA. 36+00

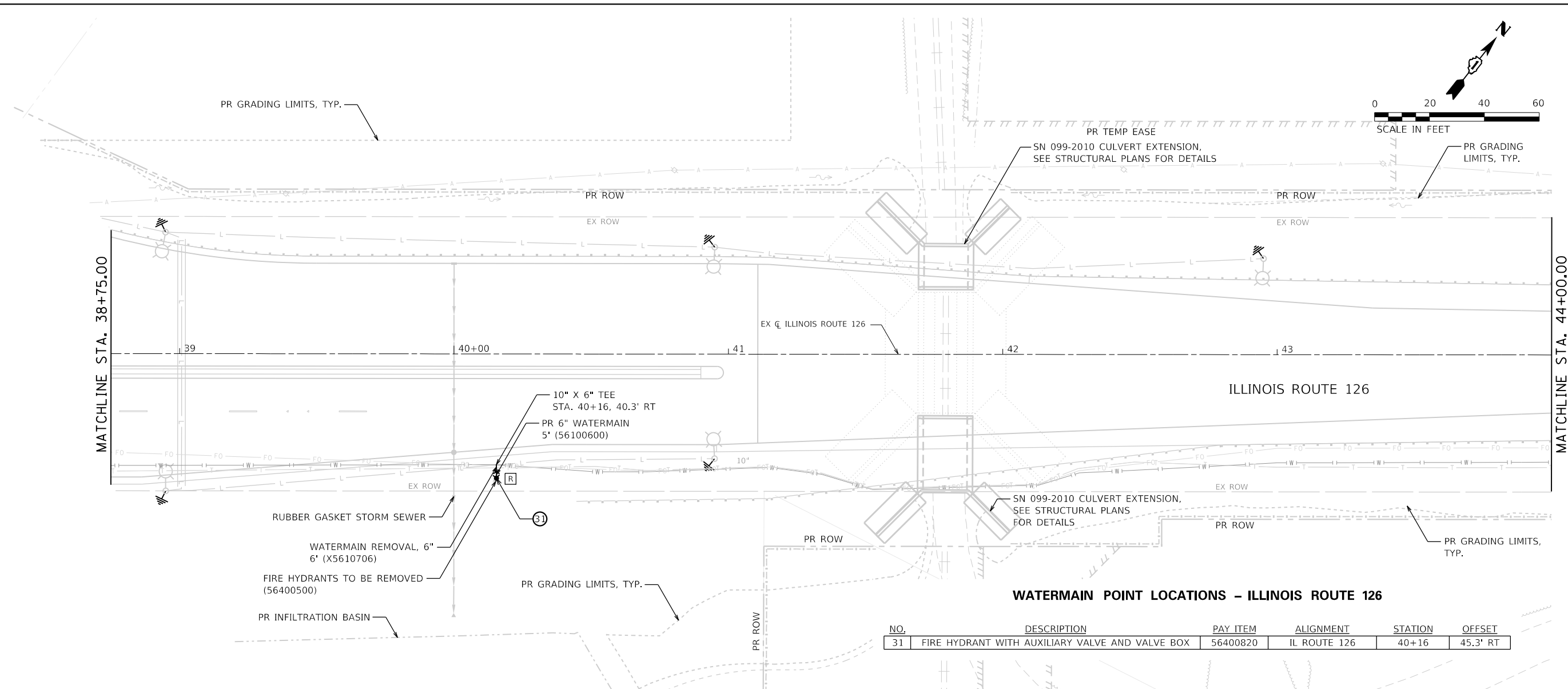
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0380	06-00040-00-FP	WILL	943	491
CONTRACT NO. 61H34			ILLINOIS FED. AID PROJECT	

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	PLOTTED	BY
	ALIGNED	
	CHECKED	
	CADD FILE NAME	
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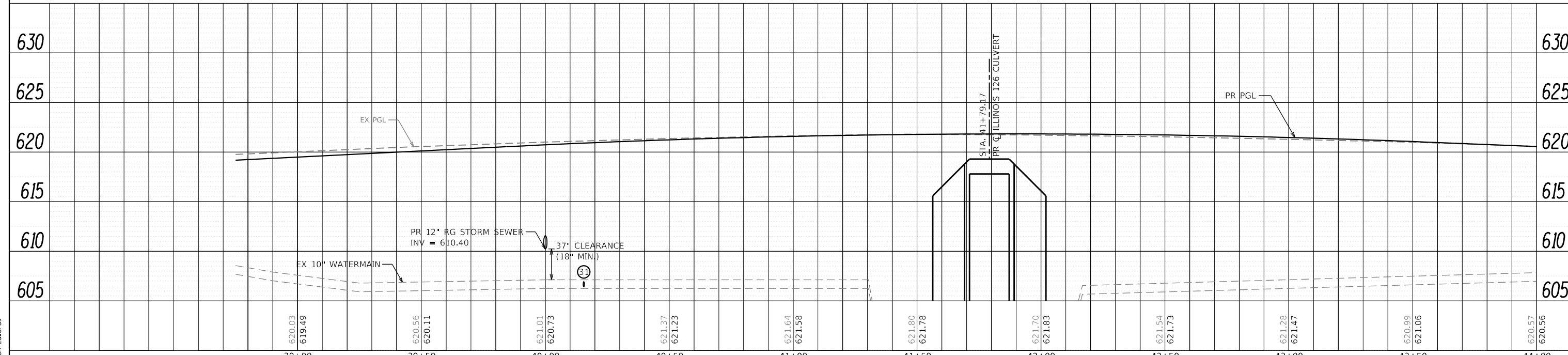
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	PLOTTED	BY
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	STRUCTURE NOTATIONS CHECKED	
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DIRECTORY = L:\P\Illinois\1602402-00\_143\Draw\Roadway\CADD\_Sheets\ USER NAME = Zach Escherds

PEN TABLE = Plainfield\_Watermain.dbl PLOT DRIVER = pdfNO\_LAYERShwplotf



NO.	DESCRIPTION	PAY ITEM	ALIGNMENT	STATION	OFFSET
31	FIRE HYDRANT WITH AUXILIARY VALVE AND VALVE BOX	56400820	IL ROUTE 126	40+16	45.3' RT



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STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

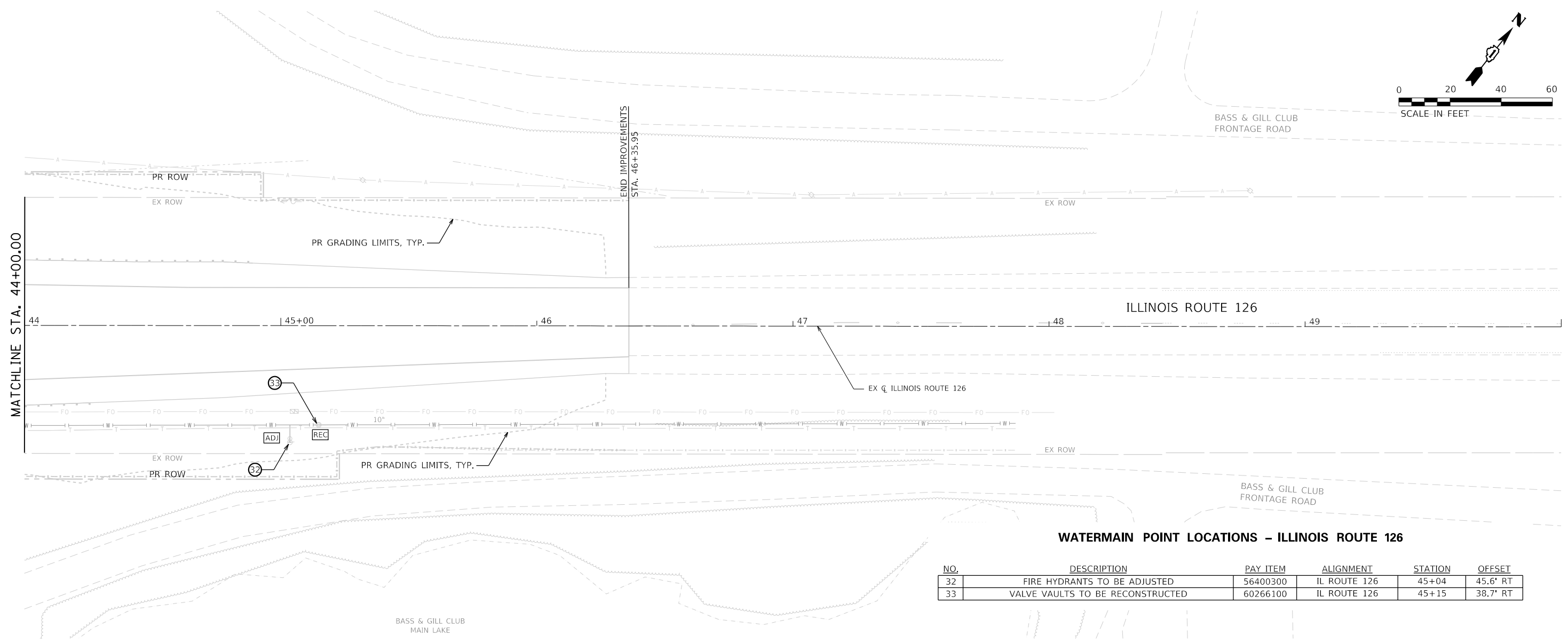
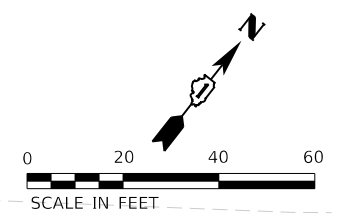
WATERMAIN PLAN AND PROFILE  
ILLINOIS ROUTE 126  
SCALE: 1"=20' SHEET 23 OF 24 SHEETS STA. 38+75 TO STA. 44+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0380	06-00040-00-FP	WILL	943	492
CONTRACT NO. 61H34			ILLINOIS FED. AID PROJECT	

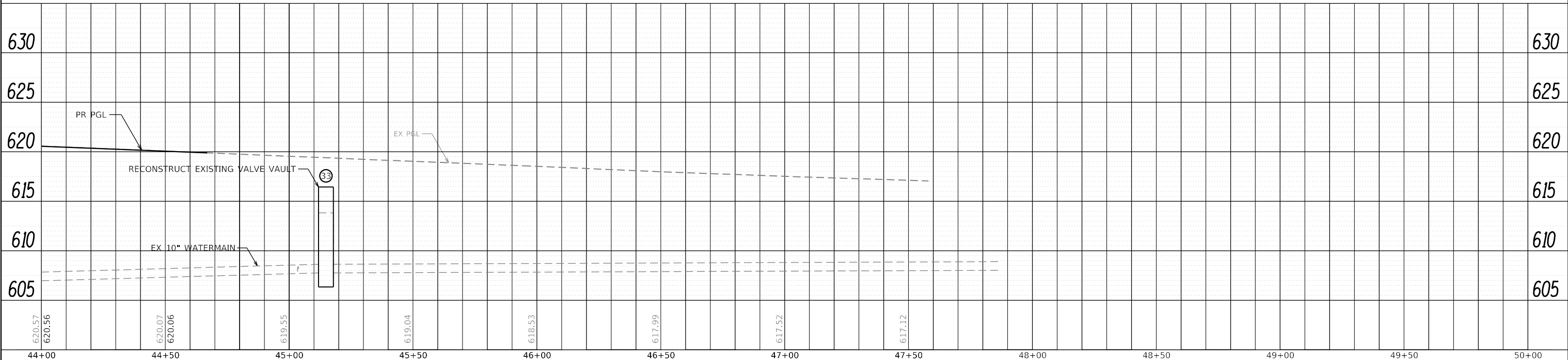
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PROFILE	SURVEYED	DATE
	PLOTTED	
	GRADES CHECKED	
	ALIGNMENT CHECKED	
	STRUCTURE CHECKED	
	CADD FILE NAME	
	NO.	

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 PLOT DRIVER = pdmPLAYERShwPlotg  
 DIRECTORY = L:\P\11602402-00\_143\Draw\Roadway\CADD\_Sheets\  
 USER NAME = Zach Escherds



NO.	DESCRIPTION	PAY ITEM	ALIGNMENT	STATION	OFFSET
32	FIRE HYDRANTS TO BE ADJUSTED	56400300	IL ROUTE 126	45+04	45.6' RT
33	VALVE VAULTS TO BE RECONSTRUCTED	60266100	IL ROUTE 126	45+15	38.7' RT



44+00	44+50	45+00	45+50	46+00	46+50	47+00	47+50	48+00	48+50	49+00	49+50	50+00
620.57	620.56	620.07	620.06	619.55	619.04	618.53	617.99	617.52	617.12			



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STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

WATERMAIN PLAN AND PROFILE  
ILLINOIS ROUTE 126

SCALE: 1"=20' SHEET 24 OF 24 SHEETS STA. 44+00 TO STA. 50+00

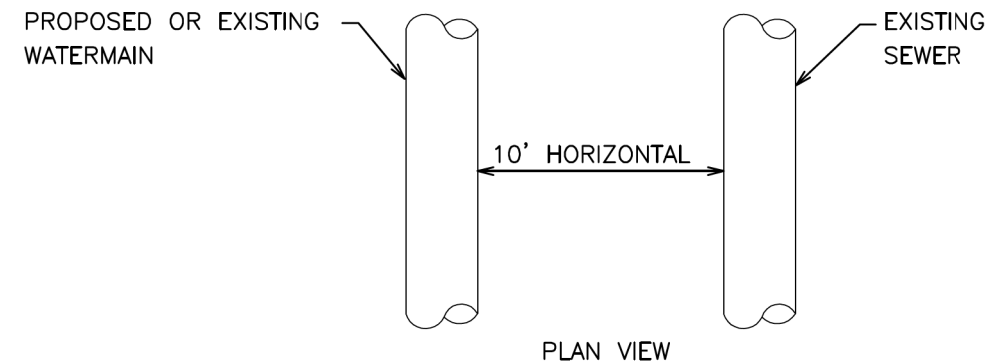
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0380	06-00040-00-FP	WILL	943	493
CONTRACT NO.			61H34	
ILLINOIS FED. AID PROJECT				

# WATER AND SEWER SEPARATION REQUIREMENTS

## HORIZONTAL SEPARATION

WHEN PROPOSED SEWER (OR WATER) IS LOCATED 10 FEET OR MORE FROM EXISTING (OR SEWER), NO SPECIAL CONSTRUCTION REQUIRED.  
SEE SEC. 41-2.01B(1)

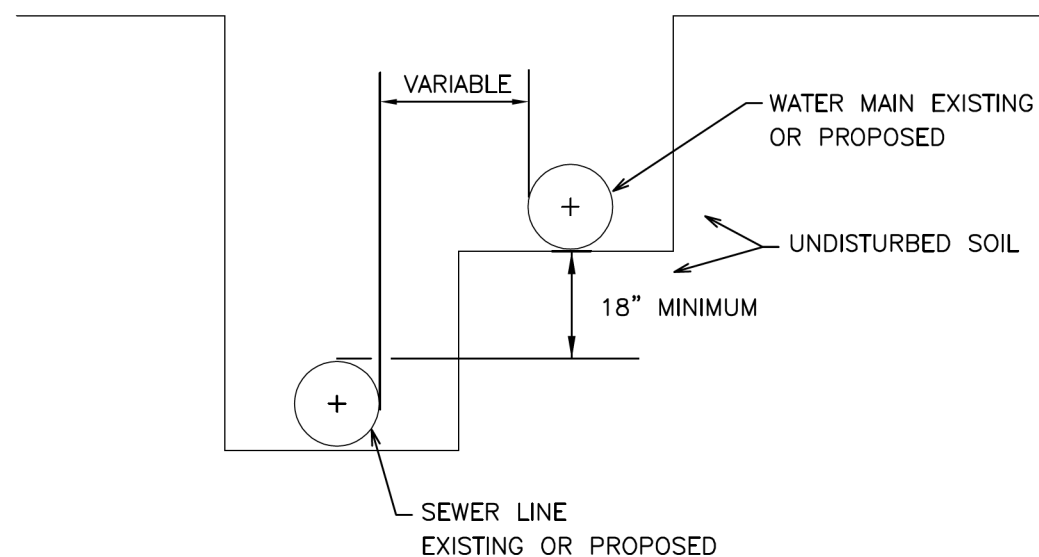
(ALL SECTION REFERENCES SEE STANDARD SPECIFICATION FOR WATER AND SEWER MAIN CONSTRUCTION IN ILLINOIS)



REVISIONS	
DATE	REVISION
08/07	DETAIL UPDATE

WHEN PROPOSED SEWER (OR WATER) IS LOCATED LESS THAN 10 FEET FROM EXISTING WATER (OR SEWER), DETAILS BELOW SHALL APPLY.  
SEE SEC. 41-2.01B(2)

(ALL SECTION REFERENCES SEE STANDARD SPECIFICATION FOR WATER AND SEWER MAIN CONSTRUCTION IN ILLINOIS)



PLAINFIELD GENERAL STANDARDS

GEN1180

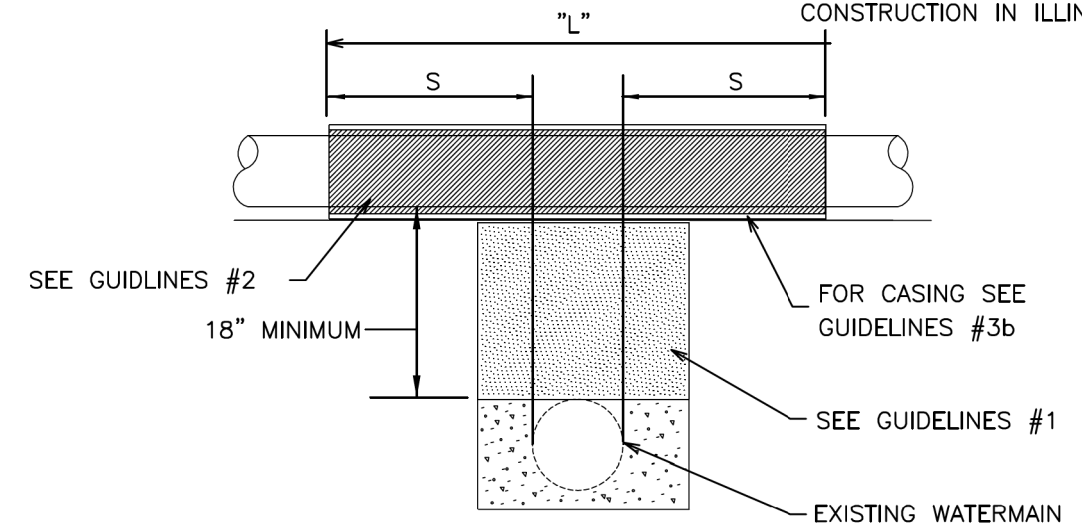
# WATER AND SEWER SEPARATION REQUIREMENTS

## VERTICAL SEPARATION

PROPOSED SEWER LINE WITH 18" MINIMUM VERTICAL SEPERATION ABOVE EXISTING WATERMAIN.

NOTE: COMPACTION REQUIREMENTS REFER TO 20-2.20B

(ALL SECTION REFERENCES SEE STANDARD SPECIFICATION FOR WATER AND SEWER MAIN CONSTRUCTION IN ILLINOIS)



NOTE: "S" THE LENGTH NECESSARY TO PROVIDE 10 FEET OF SEPARATION AS MEASURED PERPENDICULAR TO EXISTING WATERMAIN

### GUIDELINES

- IF SELECT GRANULAR BACKFILL EXISTS: REMOVE WITHIN WIDTH OF PROPOSED SEWER TRENCH AND REPLACED WITH SELECT EXCAVATED MATERIAL (CLASS IV) AND COMPACT.
- OMIT SELECT GRANULAR EMBEDMENT AND GRANULAR BACKFILL TO ONE (1) FOOT OVER TOP OF SEWER AND USE SELECT EXCAVATED MATERIAL (CLASS IV) AND COMPACT THE LENGTH OF "L" FEET.
- CONSTRUCT "L" FEET OF PROPOSED SEWER OF WATERMAIN MATERIAL AND PRESSURE TEST, OR;
  - USE "L" FEET OF WATERMAIN MATERIAL FOR CASING OF PROPOSED SEWER AND SEAL ENDS OF CASING

PLAINFIELD GENERAL STANDARDS

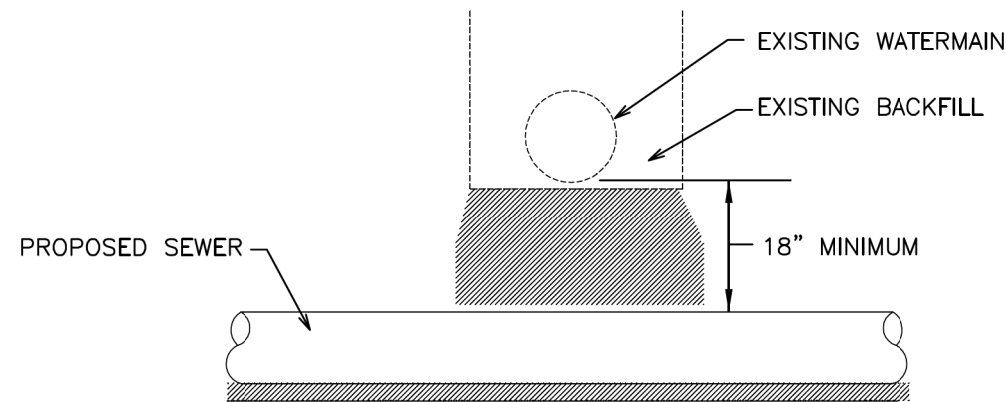
GEN1190

# WATER AND SEWER SEPARATION REQUIREMENTS

## VERTICAL SEPARATION

REVISIONS	
DATE	REVISION
08/07	DETAIL UPDATE

PROPOSED SEWER LINE BELOW EXISTING WATERMAIN.  
WITH 18" MINIMUM VERTICAL SEPARATION.



### GUIDELINES

1. PROVIDE ADEQUATE SUPPORT FOR EXISTING WATERMAIN TO PREVENT DAMAGE DUE TO SETTLEMENT OF SEWER TRENCH.

**PLAINFIELD GENERAL STANDARDS**

**GEN1200**

# WATER AND SEWER SEPARATION REQUIREMENTS

## VERTICAL SEPARATION

REVISIONS	
DATE	REVISION
8/07	DETAIL UPDATE

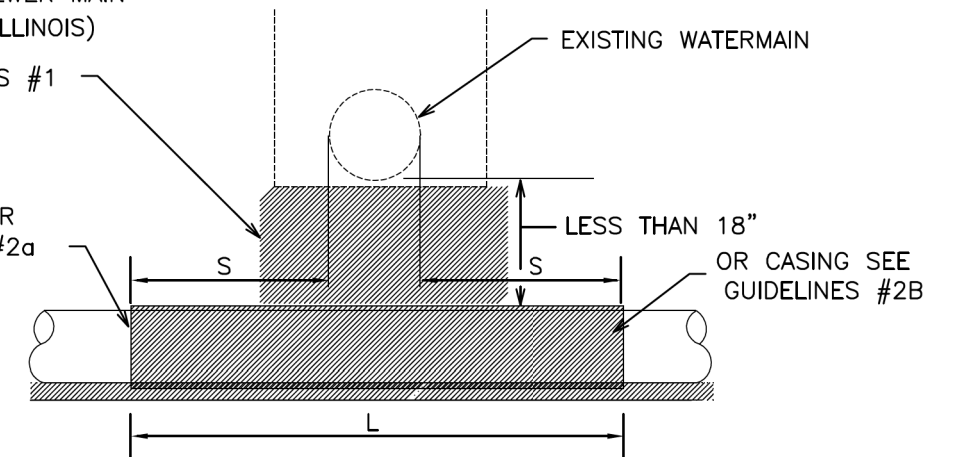
PROPOSED SEWER LINE BELOW EXISTING WATERMAIN WITH LESS THAN  
18" VERTICAL SEPARATION.

NOTE: COMPACTION REQUIREMENTS REFER TO 20-2.20B

(ALL SECTION REFERENCES  
SEE STANDARD SPECIFICATIONN  
FOR WATER AND SEWER MAIN  
CONSTRUCTION IN ILLINOIS)

SEE GUIDELINES #1

PROPOSED SEWER  
SEE GUIDELINES #2a



NOTE: "S" THE LENGTH NECESSARY  
TO PROVIDE 10 FEET OF SEPARATION  
AS MEASURED PERPENDICULAR TO  
EXISTING WATERMAIN.  
S = MINIMUM 5 FT.

### GUIDELINES

1. OMIT SELECT GRANULAR EMBEDMENT AND GRANULAR BACKFILL TO ONE (1)FOOT OVER TOP OF SEWER AND USE SELECT EXCAVATED MATERIAL (CLASS IV) AND COMPACT FOR "S" FEET ON EACH SIDE OF WATERMAIN.
2. CONSTRUCT "L" FEET OF PROPOSED SEWER OF WATERMAIN MATERIAL AND PRESSURE TEST.
3. PROVIDE ADEQUATE SUPPORT FOR EXISTING WATER MAIN TO PREVENT DAMAGE DUE TO SETTLEMENT OF SEWER TRENCH.

**PLAINFIELD GENERAL STANDARDS**

**GEN1210**

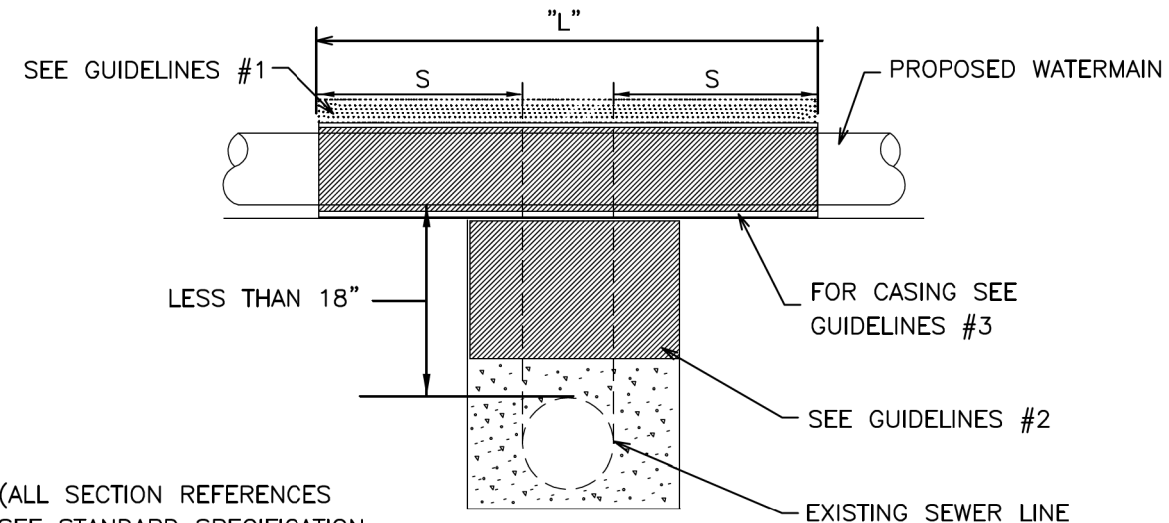
# WATER AND SEWER SEPARATION REQUIREMENTS

## VERTICAL SEPARATION

REVISIONS	
DATE	REVISION
08/07	DETAIL UPDATE

PROPOSED WATERMAIN ABOVE EXISTING SEWER LINE  
WITH LESS THAN 18" VERTICAL SEPERATION

NOTE: COMPACTION REQUIREMENTS REFER TO 20-2.20B



(ALL SECTION REFERENCES  
SEE STANDARD SPECIFICATION  
FOR WATER AND SEWER MAIN  
CONSTRUCTION IN ILLINOIS)

NOTE: "S" THE LENGTH NECESSARY TO  
PROVIDE 10 FEET OF SEPARATION AS  
MEASURED PERPENDICULAR TO EXISTING  
SEWER LINE.  
S = MINIMUM 5 FT.

### GUIDELINES

1. OMIT SELECT GRANULAR EMBEDMENT AND GRANULAR BACKFILL TO ONE (1) FOOT OVER TOP OF WATERMAIN AND USE SELECT EXCAVATED MATERIAL (CLASS IV) AND COMPACT THE LENGTH OF "L"
2. IF SELECT GRANULAR BACKFILL EXISTS, REMOVE WITHIN WIDTH OF EXISTING SEWER LINE TRENCH AND REPLACE WITH SELECT EXCAVATED MATERIAL (CLASS IV) AND COMPACT.
3. USE "L" FEET OF WATERMAIN MATERIAL FOR CASING OF PROPOSED WATERMAIN AND SEAL ENDS OF CASING.
4. POINT LOADS SHALL NOT BE ALLOWED BETWEEN WATERMAIN CASING AND SEWER

**PLAINFIELD GENERAL STANDARDS****GEN1220**

# WATER AND SEWER SEPARATION REQUIREMENTS

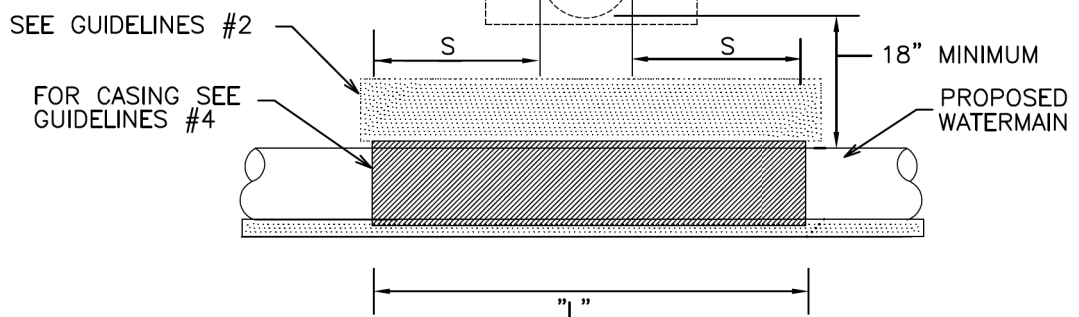
## VERTICAL SEPARATION

REVISIONS	
DATE	REVISION
08/07	DETAIL UPDATE

PROPOSED WATERMAIN BELOW EXISTING SEWER LINE  
WITH 18" MINIMUM VERTICAL SEPARATION.

NOTE: COMPACTION REQUIREMENTS REFER TO 20-2.0B

(ALL SECTION REFERENCES  
SEE STANDARD SPECIFICATION  
FOR WATER AND SEWER MAIN  
CONSTRUCTION IN ILLINOIS)



NOTE: "S" THE LENGTH NECESSARY  
TO PROVIDE 10 FEET OF SEPARATION  
AS MEASURED PERPENDICULAR TO  
EXISTING SEWER LINE.  
S = MINIMUM 5 FT.

### GUIDELINES

1. OMIT SELECT GRANULAR EMBEDMENT AND GRANULAR BACKFILL TO ONE (1) FOOT OVER TOP OF WATERMAIN AND USE SELECT EXCAVATED MATERIAL (CLASS IV) AND COMPACT THE LENGTH OF "L"
2. IF SELECT GRANULAR BACKFILL EXISTS, REMOVE WITHIN WIDTH OF EXISTING SEWER LINE TRENCH AND REPLACE WITH SELECT EXCAVATED MATERIAL (CLASS IV) AND COMPACT.
3. PROVIDE ADEQUATE SUPPORT FOR EXISTING SEWER LINE TO PREVENT DAMAGE DUE TO SETTLEMENT.
4. USE "L" FEET OF WATERMAIN MATERIAL FOR CASING OF PROPOSED WATERMAIN AND SEAL ENDS OF CASING.

**PLAINFIELD GENERAL STANDARDS****GEN1230**



FILE NAME = sht-water_details-03.dgn	DESIGNED -	REVISED -
MODEL NAME = Default	DRAWN -	REVISED -
PLOT SCALE = 40,0000' / 1"	CHECKED -	REVISED -
PLOT DATE = 2/20/2024 (R3502 AM)	DATE = 09/29/2023	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

WATERMAIN DETAILS PLAINFIELD GENERAL STANDARDS			
SCALE: NTS	SHEET 3	OF 8 SHEETS	STA. TO STA.

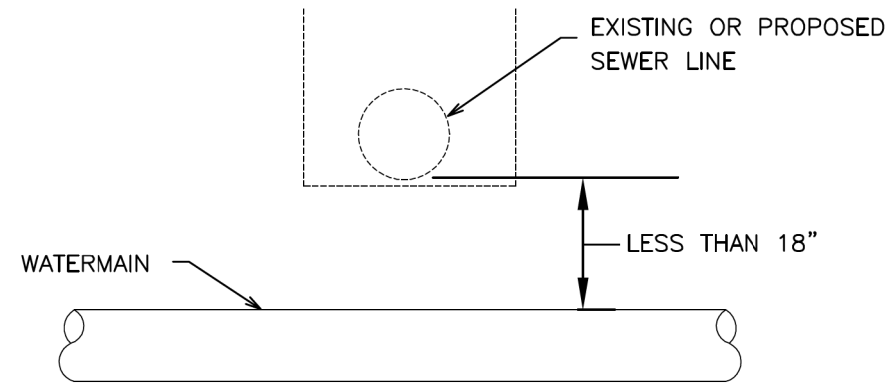
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0380	06-00040-00-FP	WILL	943	496
CONTRACT NO.			61H34	
ILLINOIS FED. AID PROJECT				

# WATER AND SEWER SEPARATION REQUIREMENTS

## VERTICAL SEPARATION

REVISIONS	
DATE	REVISION
08/07	DETAIL UPDATE

PLACEMENT OF WATERMAIN BELOW EXISTING SEWER LINE  
WITH LESS THAN 18" MINIMUM VERTICAL SEPARATION.  
NOT ALLOWED



NOT ALLOWED  
MUST MAINTAIN 18" VERTICAL SEPARATION

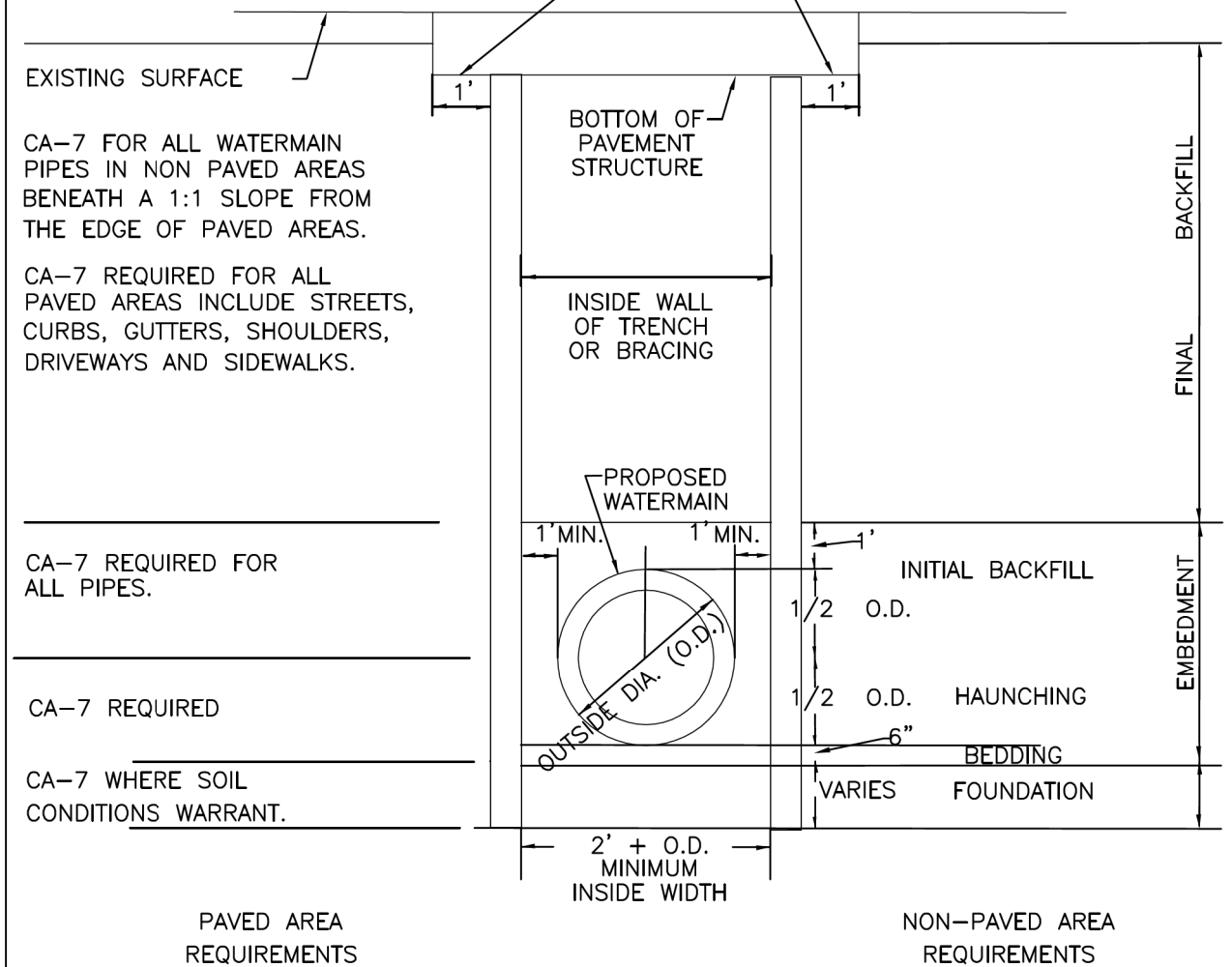
PLAINFIELD GENERAL STANDARDS

GEN1240

# WATERMAIN TRENCH

REVISIONS	
DATE	REVISION
08/07	DETAIL UPDATE

FOR TRENCHES THROUGH, OR IN, EXISTING STREETS,  
PAVEMENT PATCH MUST BE MIN. 1 FOOT BEYOND  
EDGE OF TRENCH



CA-7 FOR ALL WATERMAIN  
PIPES IN NON PAVED AREAS  
BENEATH A 1:1 SLOPE FROM  
THE EDGE OF PAVED AREAS.

CA-7 REQUIRED FOR ALL  
PAVED AREAS INCLUDE STREETS,  
CURBS, GUTTERS, SHOULDERS,  
DRIVEWAYS AND SIDEWALKS.

CA-7 REQUIRED  
FOR ALL PIPES.

CA-7 REQUIRED  
WHERE SOIL  
CONDITIONS WARRANT.

PAVED AREA  
REQUIREMENTS

NON-PAVED AREA  
REQUIREMENTS

PLAINFIELD WATER STANDARDS

WAT4000



FILE NAME = sht-water_details-04.dgn	DESIGNED -	REVISED -
MODEL NAME = Default	DRAWN -	REVISED -
PLOT SCALE = 40,0000' / 1"	CHECKED -	REVISED -
PLOT DATE = 2/20/2024 (R:35:09 AM)	DATE = 09/29/2023	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

WATERMAIN DETAILS  
PLAINFIELD GENERAL STANDARDS, WATER STANDARDS

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

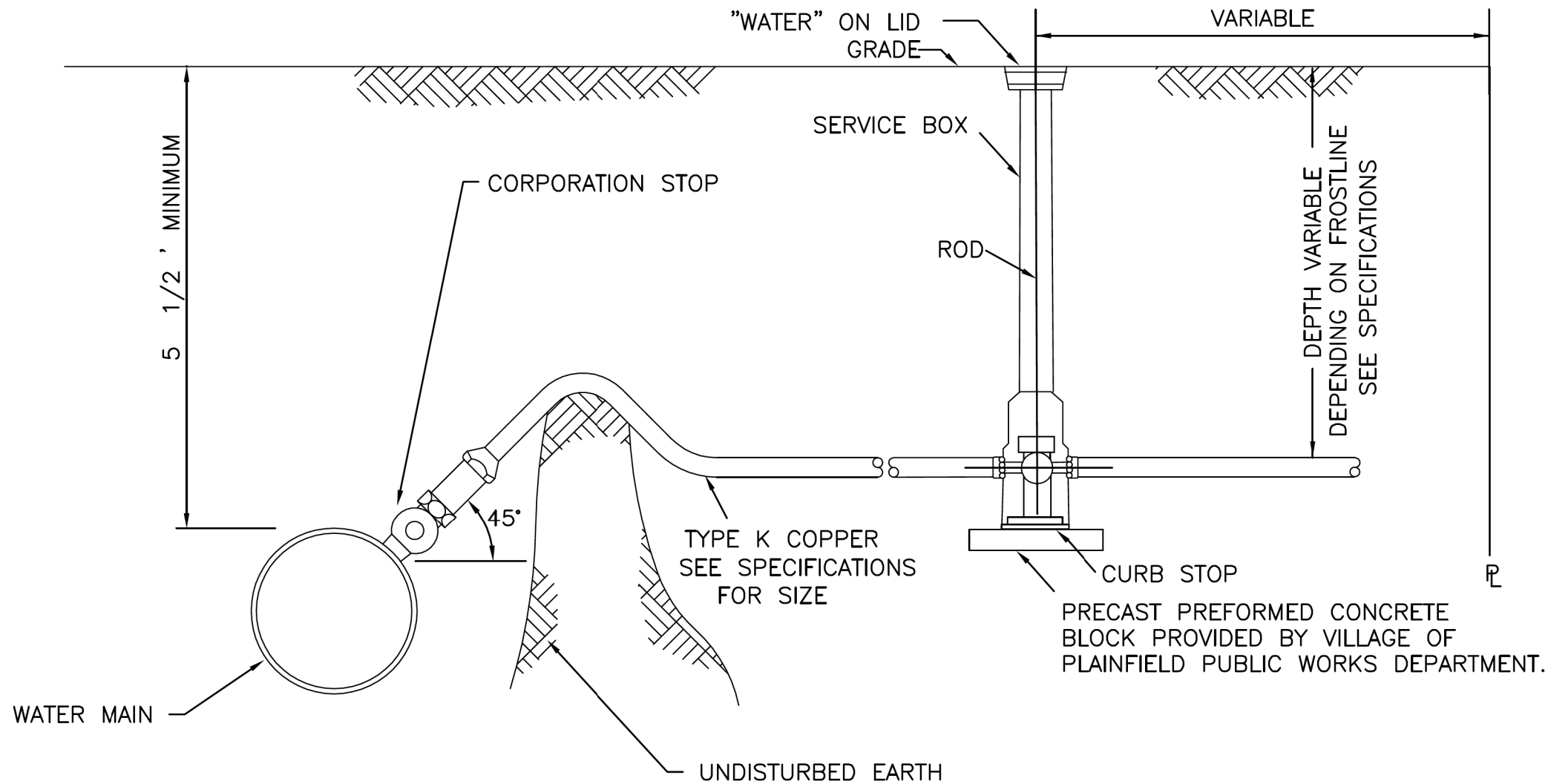
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0380	06-00040-00-FP	WILL	943	497
CONTRACT NO. 61H34			ILLINOIS FED. AID PROJECT	

# SERVICE TAP 2" DIAMETER OR LESS

REVISIONS	
DATE	REVISION
08/07	DETAIL UPDATE

**NOTES:**

1. SERVICE BOXES SHOULD BE LOCATED A MINIMUM OF 18 INCHES FROM DRIVEWAYS AND SIDEWALKS.
2. USE 4" STONE CUSHION OF CA-7 ABOVE & BELOW COPPER PIPES.
3. SERVICE LINES SHALL BE MUELLER, MCDONALD, OR FORD FLAIR FITTING.
4. BUFFALO BOX SHALL BE TYLER 95E WITH ENLARGED BASE OR SIGMA (TWO PIECE ONLY) FOR 1 1/2" SERVICES.



**PLAINFIELD WATER STANDARDS**

**WAT4040**



FILE NAME = sht-water_details-05.dgn	DESIGNED -	REVISED -
MODEL NAME = Default	DRAWN -	REVISED -
PLOT SCALE = 40,0000' / 1"	CHECKED -	REVISED -
PLOT DATE = 2/20/2024 (R35:16 AM)	DATE = 09/29/2023	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>WATERMAIN DETAILS PLAINFIELD WATER STANDARDS</b>			
SCALE: NTS	SHEET 5 OF 8 SHEETS	STA. TO STA.	

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0380	06-00040-00-FP	WILL	943	498
CONTRACT NO.			61H34	
ILLINOIS FED. AID PROJECT				



# WATER SERVICE AND TAP VERIFICATION FORM

REVISIONS	
DATE	REVISION

DATE: \_\_\_\_\_

## 1. LOCATION

Subdivision \_\_\_\_\_

Street \_\_\_\_\_

Address or Lot Range \_\_\_\_\_ to \_\_\_\_\_

## 2. CONTRACTOR

Site work contractor \_\_\_\_\_

Phone \_\_\_\_\_

Plumbing contractor \_\_\_\_\_

Phone \_\_\_\_\_

State reg. # 055- \_\_\_\_\_

## 3. INSTALLING PLUMBER

Name (print): \_\_\_\_\_

Plumbing License # \_\_\_\_\_

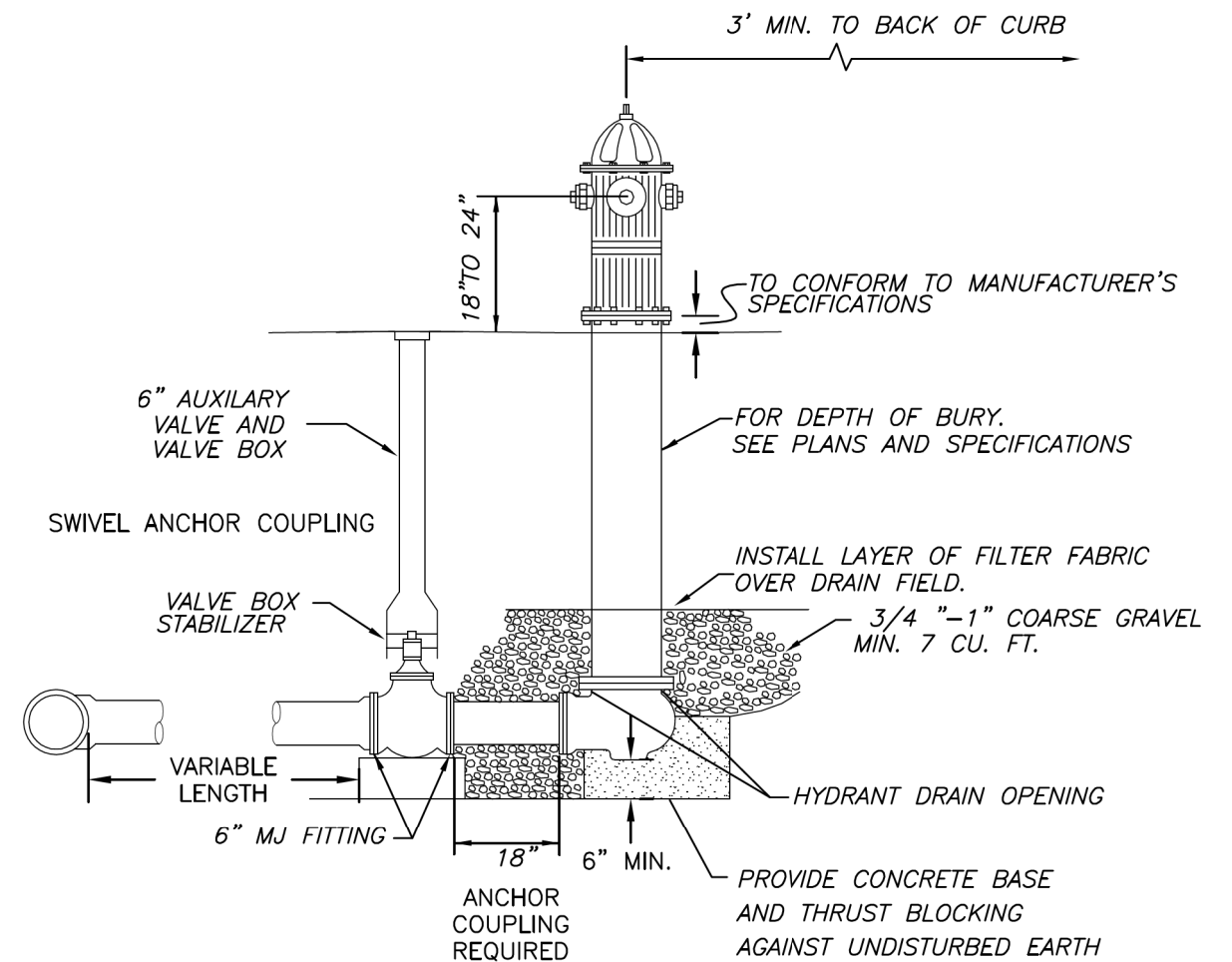
Signature \_\_\_\_\_

PLAINFIELD WATER STANDARDS

WAT4050

# TYPICAL HYDRANT INSTALLATION

REVISIONS	
DATE	REVISION
08/07	DETAIL UPDATE



### NOTES:

1. CONCRETE BASE AND BLOCKING MATERIAL SHALL NOT BLOCK NOR OBSTRUCT HYDRANT DRAIN AS SHOWN IN AWWA MANUAL M 17
2. RESTRAINED JOINTS SHALL BE USED IN ALL LOCATIONS.
3. MEGALUGS SHALL BE USED AT ALL JOINTS.

PLAINFIELD WATER STANDARDS

WAT4020



FILE NAME = sht-water_details-06.dgn	DESIGNED -	REVISED -
MODEL NAME = Default	DRAWN -	REVISED -
PLOT SCALE = 40,0000' / 1"	CHECKED -	REVISED -
PLOT DATE = 2/20/2024 (R:35:23 AM)	DATE - 09/29/2023	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

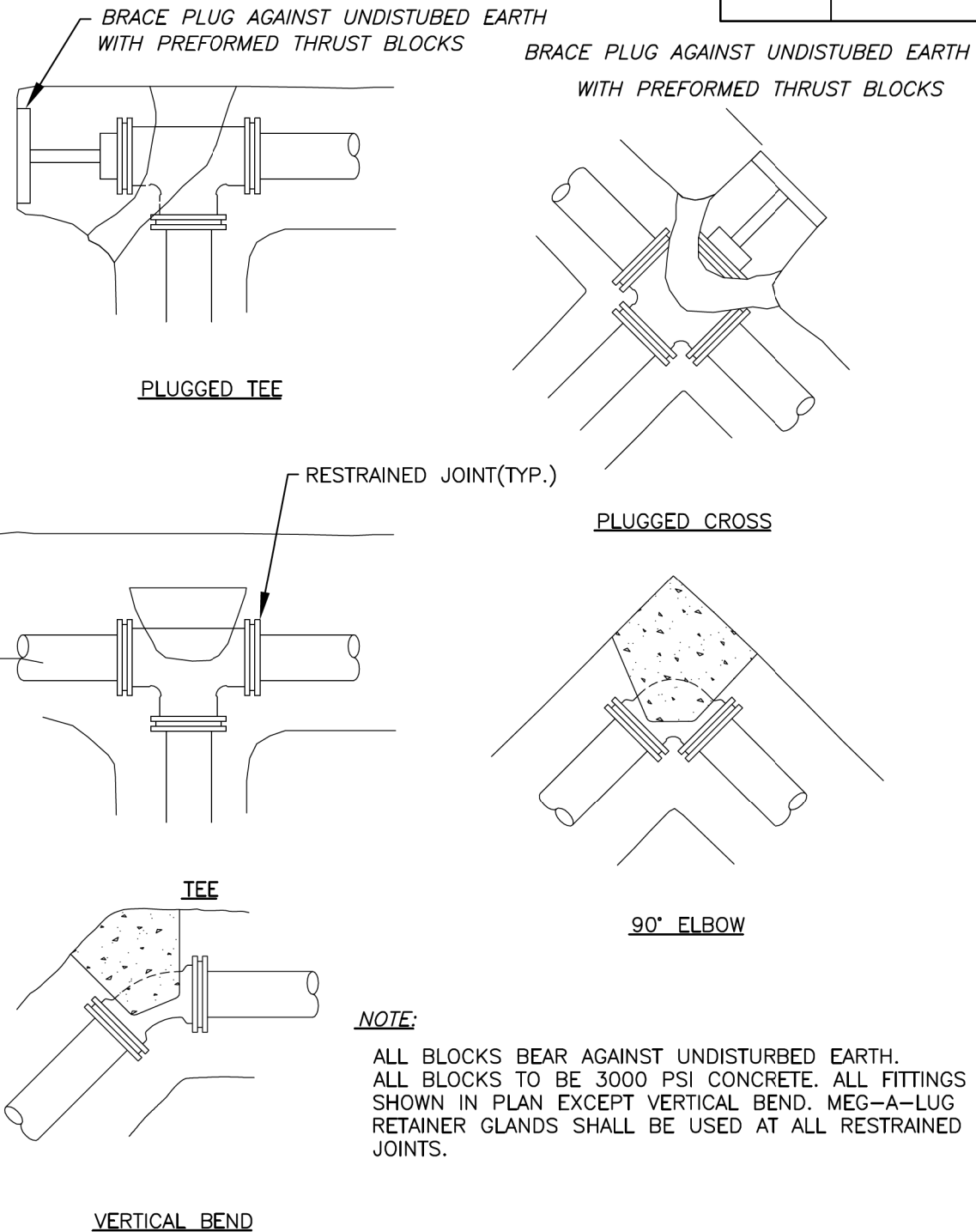
WATERMAIN DETAILS  
PLAINFIELD WATER STANDARDS

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0380	06-00040-00-FP	WILL	943	499
CONTRACT NO. 61H34			ILLINOIS FED. AID PROJECT	

## THRUST BLOCK INSTALLATIONS

REVISIONS	
DATE	REVISION
08/07	DETAIL UPDATE

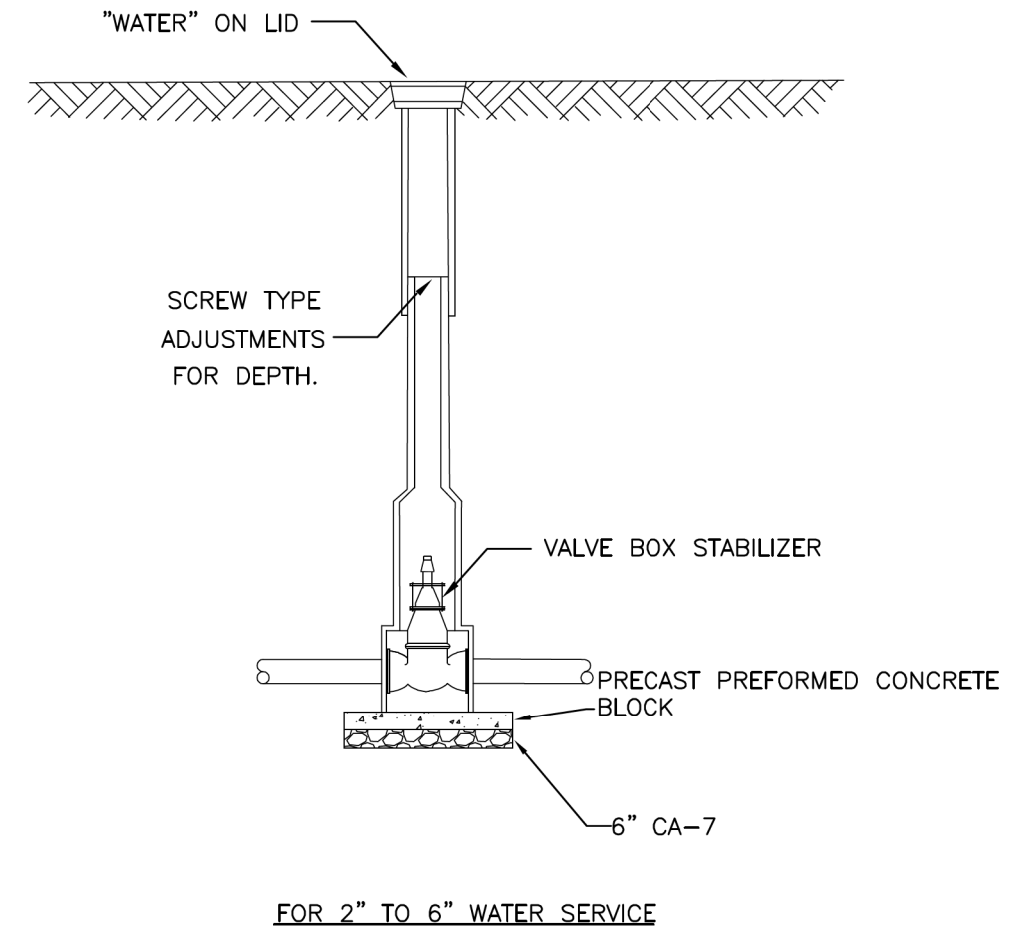


PLAINFIELD WATER STANDARDS

WAT4060

## VALVE BOX INSTALLATION FOR WATER SERVICES AND/OR HYDRANT AUXILIARY VALVES ONLY

REVISIONS	
DATE	REVISION
08/07	DETAIL UPDATE



PLAINFIELD WATER STANDARDS

WAT4070