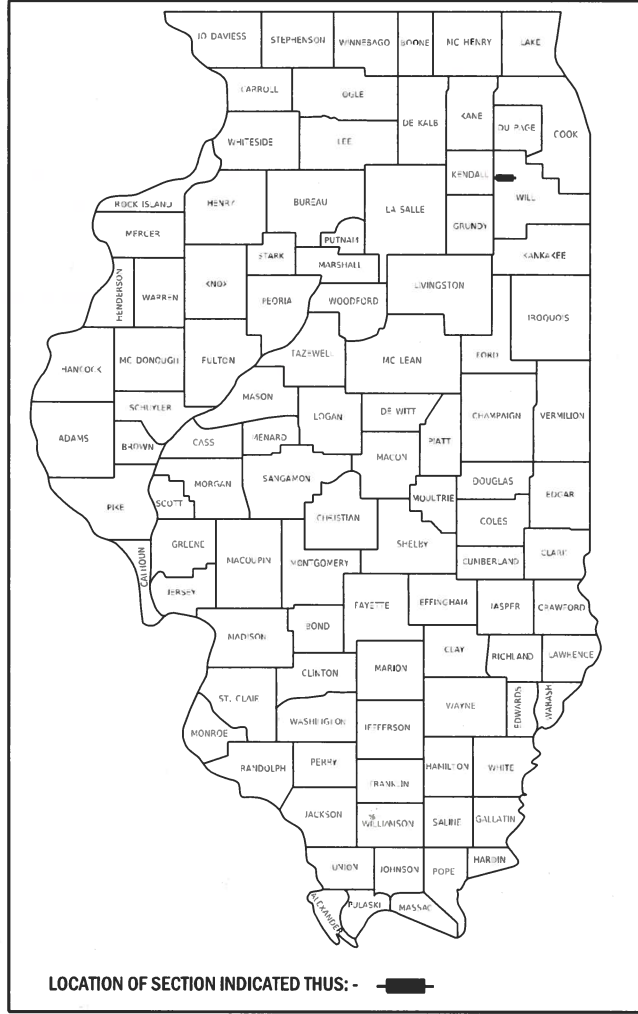


F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
400	18-00515-01-WR	WILL	115	1
		ILLINOIS	CONTRACT NO. 61K81	



STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
**PLANS FOR PROPOSED
FEDERAL AID HIGHWAY**

FAU ROUTE 400 (THEODORE STREET)
WIDEN AND RESURFACE
FROM WEST OF STAGHORN DRIVE TO WEST OF WESMERE PARKWAY
SECTION NO. 18-00515-01-WR
PROJECT NO. W14W(902)
CITY OF JOLIET
WILL COUNTY
JOB NO. C-91-277-24

FOR INDEX OF SHEETS, SEE SHEET NO. 2

01-17-2025 LETTING ITEM 087

FOR LIST OF HIGHWAY STANDARDS, SEE SHEET NO. 2

FUNCTIONAL CLASSIFICATION

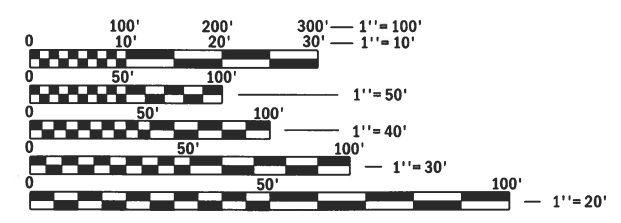
THEODORE STREET - MAJOR COLLECTOR
DRAUDEN ROAD = MAJOR COLLECTOR

TRAFFIC DATA:

ADT:
THEODORE STREET = 18,220 (2019)
26,700 (2050)
DRAUDEN ROAD = 6800 (2023)

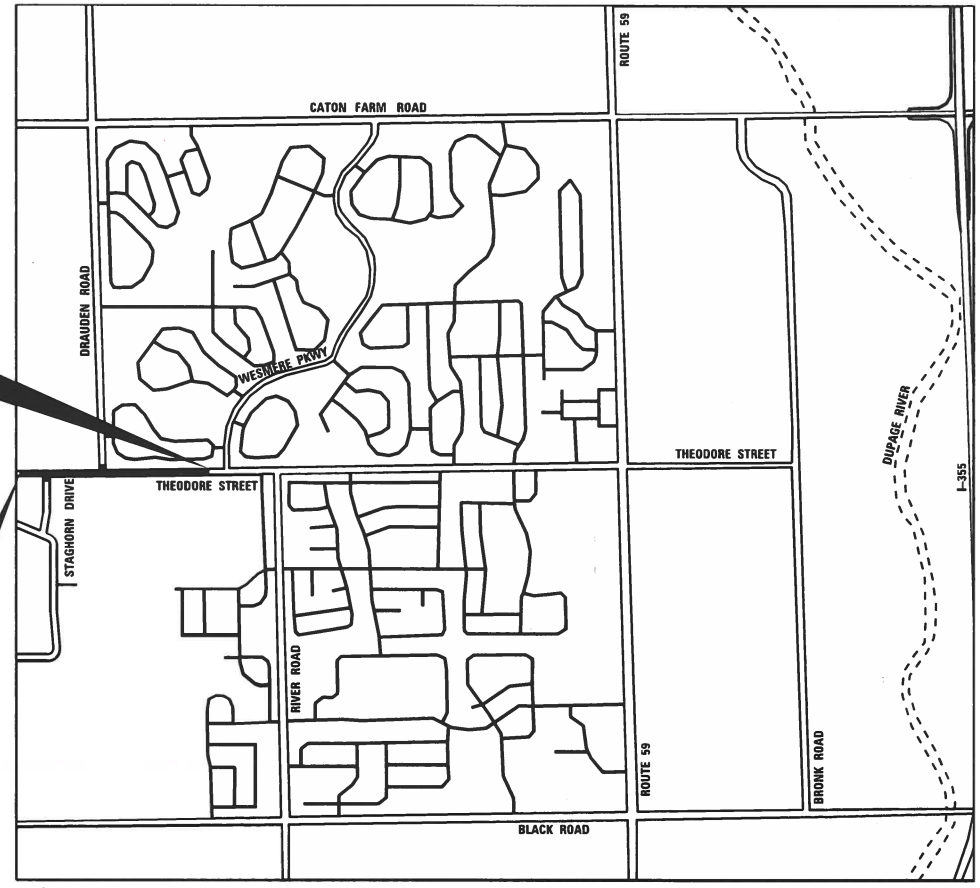
POSTED SPEED:
THEODORE STREET = 40 MPH
DRAUDEN ROAD = 35 MPH

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



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



TROY TOWNSHIP

LOCATION MAP NOT TO SCALE

GROSS LENGTH = 2958.79 FT. = 0.56 MILE
NET LENGTH = 2958.79 FT. = 0.56 MILE

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

Approved: *[Signature]*
City of Joliet
Director of Public Works & Engineering

Passed: *[Signature]*
District 1 Engineer of Local Roads & Streets

Releasing for Bid Based on Limited Review: *[Signature]*
August 29 2024
Regional Engineer

V3
MICHAEL J. RECHTORIK
062-058827
DATE: 8-27-2024

EXPIRATION DATE: 11-30-2025

PRINTED BY THE AUTHORITY OF THE STATE OF ILLINOIS

CONTRACT NO. 61K81

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- 602401-07 PRECAST MANHOLE, TYPE A 4' (1.22M) DIAMETER
- 602701-02 MANHOLE STEPS
- 604001-05 FRAME AND LIDS, TYPE 1
- 604051-04 FRAME AND GRATE, TYPE 11
- 606001-08 CONCRETE CURB TYPE B & COMBINATION CONCRETE CURB & GUTTER
- 701006-05 OFF-RD OPERATIONS, 2L,2W, 15' (4.5m) TO 24" (600mm) FROM PAVEMENT EDGE
- 701101-05 OFF-RD OPERATIONS, MULTILANE, 15' (4.5m) TO 24" (600mm) FROM PAVEMENT EDGE
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- 701606-10 URBAN SINGLE LANE CLOSURE, MULTILANE, 2W WITH MOUNTABLE MEDIAN
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- TC-13 DISTRICT ONE TYPICAL PAVEMENT MARKINGS
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- PVT-01 DRIVEWAY PAVEMENT DETAIL
- WTR-02 WATER VALVE BOX DETAIL

MISCELLANEOUS DETAILS

- FIRE HYDRANT TO BE MOVED
- INLET PROTECTION
- CONCRETE WASHOUT AREA

UTILITY CONTACT INFO

- | | | |
|---|---|---|
| <p><u>ELECTRIC</u>
COMMONWEALTH EDISON
RICK OSTER
2 LINCOLN CENTER
OAKBROOK TERRACE, IL 60181
(779) 231 0625</p> | <p><u>CABLE TV</u>
COMCAST CABLE COMMUNICATIONS
MATHA GIERAS
(224) 229-5862</p> | <p><u>GAS</u>
NICOR GAS
SAKIBUL FORAH
1844 FERRY RD.
NAPERVILLE, IL. 60563
(630) 388 2903</p> |
| <p><u>TELEPHONE</u>
AT&T
STEVE PESOLA
1000 COMMERCE DRIVE
OAK PARK, IL 60523
(815) 412 5255</p> | <p><u>WATER AND SEWER</u>
CITY OF JOLIET
PAUL BOMBA
150 W. JEFFERSON STREET
JOLIET, IL 60432
(815) 693 9848</p> | <p><u>COMMUNICATIONS</u>
MCI / VERIZON / ASG
NATION JARVIS
(219) 314 6926</p> |
| <p><u>PIPELINE</u>
NATURAL GAS PIPELINE CO.
MARK CAVAZOS
1001 LOUISIANA STREET, SUITE 1202 B
HOUSTON, TX 77002
(713) 420 4363</p> | | |

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	DRAWN - DRP	REVISED -	
PLOT SCALE = 2"	CHECKED - MJR	REVISED -	
PLOT DATE = 11/12/2024	DATE - 9/17/2024	REVISED -	

THEODORE STREET WIDEN AND RESURFACE

**INDEX OF SHEETS, HIGHWAY STANDARDS,
AND UTILITY CONTACT INFORMATION**

JOLIET	ILLINOIS	SCALE: NONE	SHEET 1 OF 1 SHEETS	STA. TO STA.	CONTRACT NO. 61K81	ILLINOIS FED. AID PROJECT
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F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
400	18-00515-01-WR	WILL	115	2

GENERAL NOTES

1. ALL EXISTING TOPOGRAPHY, UNDERGROUND UTILITIES, STRUCTURES AND ASSOCIATED FACILITIES SHOWN ON THESE DRAWINGS HAVE BEEN PLOTTED FROM AVAILABLE SURVEYS AND RECORDS. THEREFORE, THEIR LOCATIONS AND ELEVATIONS MUST BE CONSIDERED APPROXIMATE ONLY. THERE MAY BE OTHER FACILITIES, THE EXISTENCE OF WHICH ARE NOT PRESENTLY KNOWN. THE EXACT LOCATIONS AND ELEVATIONS ARE TO BE VERIFIED BY THE CONTRACTOR.
2. BEFORE STARTING ANY EXCAVATION, THE CONTRACTOR SHALL CALL "JULIE" AND CITY OF JOLIET FOR FIELD LOCATIONS OF BURIED UTILITIES 48 HOURS IN ADVANCE OF WORK.
3. PORTABLE/CHANGEABLE ELECTRONIC MESSAGE BOARDS SHALL BE USED IN ADVANCE OF THE PROJECT ACCORDING TO IDOT STANDARDS AND SHALL BE IN PLACE A MINIMUM OF 72 HOURS PRIOR TO COMMENCING THE WORK AND REMAIN THROUGHOUT THE ROADWAY CONSTRUCTION WORK.
4. ALL CONSTRUCTION MATERIALS WITHIN THE CITY ROW MUST BE IDOT CERTIFIED. DOCUMENTATION OF THE MATERIAL CERTIFICATION SHALL BE SUBMITTED PRIOR TO CITY APPROVAL.
5. A PROOF ROLL OF THE SUBGRADE IS REQUIRED PRIOR TO PLACING THE AGGREGATE SUB-BASE AND MUST BE OBSERVED BY A CERTIFIED TESTING COMPANY AND THE CITY.
6. THE CONTRACTOR SHALL PROVIDE THE CITY A LIST OF MATERIALS USED AND IDENTIFY THEIR ASSOCIATED IDOT CERTIFICATION, SHALL PROVIDE THE CITY WITH A COPY OF ALL MATERIAL TESTING COMPANY RESULTS, SHALL SIGN AND PROVIDE THE CITY ON A WEEKLY BASIS WEEKLY FIELD REPORTS UTILIZING THE APPROPRIATE IDOT FORM, SHALL SUBMIT TO THE CITY A CERTIFICATION LETTER THAT CERTIFIES COMPLIANCE WITH THE PLANS AND SPECIFICATIONS.
7. ALL CONSTRUCTION TO BE ACCORDING TO IDOT DESIGN AND STANDARD SPECIFICATIONS, MUST ADHERE TO THE CITY OF JOLIET PUBLIC WORKS DEPARTMENT, AND SHALL FOLLOW THE LATEST WILL COUNTY STORM WATER MANAGEMENT ORDINANCE AND WILL COUNTY WATER RESOURCE ORDINANCE AT ALL TIMES.
8. ALL DISTURBED GROUND WITHIN THE CITY RIGHT-OF-WAY SHALL BE RE-SODDED AND INSTALLED TO THE SATISFACTION OF CITY OF JOLIET.
9. THE HOT-MIX ASPHALT SURFACE OF ALL PRIVATE ENTRANCES, COMMERCIAL ENTRANCES, AND SIDE ROADS SHALL BE MADE NEATLY, IN A WORKMANLIKE MANNER, AND SHALL ACCURATELY CONFORM TO THE SHAPES AND DIMENSIONS SHOWN ON THE PLAN DETAILS.
10. EXCEPT AS NOTED ON THE PLANS, PAVEMENT GRADES SHOWN ARE AT THE TOP OF PAVEMENT SURFACES.
11. SEEDING AND/OR SOD SHALL NOT BE PERMITTED AT ANY TIME WHEN THE GROUND IS FROZEN, WET, OR IN AN UNTILLABLE CONDITION. SEEDING LOCATIONS, OTHER THEN THOSE DEPICTED ON THE EROSION CONTROL PLANS, WILL BE DETERMINED BY THE ENGINEER.
12. ONLY THOSE TREES DESIGNATED BY THE ENGINEER OR LISTED IN THE TREE REMOVAL SCHEDULE SHALL BE REMOVED. THE CONTRACTOR SHALL PROTECT ALL REMAINING TREES FROM DAMAGE DUE TO HIS OPERATIONS.
13. ALL ELEVATIONS REFER TO THE NAVD 88 DATUM.
14. ABANDONED UNDERGROUND UTILITIES THAT CONFLICT WITH CONSTRUCTION SHALL BE DISPOSED OF OUTSIDE THE LIMITS OF THE RIGHT OF WAY ACCORDING TO ARTICLE 202.03 OF THE STANDARD SPECIFICATIONS AND AS DIRECTED BY THE ENGINEER.
15. ANY REFERENCE TO A STANDARD IN THESE PLANS SHALL BE INTERPRETED TO MEAN THE IDOT HIGHWAY STANDARD AS INDICATED BY THE VERSION SHOWN IN THE LIST OF STANDARDS OR THE COPY INCLUDED IN THESE PLANS.
16. ALL EXISTING GRANULAR MATERIALS TO BE REMOVED AND NOT PAID AS A SPECIFIC ITEM SHALL BE CONSIDERED EARTH EXCAVATION.
17. ALL CONCRETE CURB AND GUTTER SHALL INCLUDE CONSTRUCTION JOINTS WITH A MAXIMUM SPACING OF 75 FEET.
18. PAY ITEMS FOR NON-SPECIAL WASTE DISPOSAL HAS BEEN INCLUDED IN THE PLANS AS CONTAMINATED SOILS HAVE BEEN FOUND. SEE PLAN AND PROFILE SHEETS FOR EXACT LIMITS OF THE WASTE.
19. MEMBERS OF J.U.L.I.E KNOWN TO BE WITHIN THE LIMITS OF THE IMPROVEMENT ARE:
 1. COMED, AN EXELON COMPANY
 2. NICOR GAS
 3. AT&T
 4. COMCAST CABLE
 5. CITY OF JOLIET
 6. VILLAGE OF SHOREWOOD

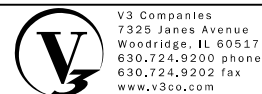
GENERAL NOTES (CONT.)

20. FINAL ACCEPTANCE OF THE PROJECT WILL BE CONTINGENT ON RECORD DRAWING APPROVAL BY THE ENGINEER.
21. NGPL OWNS A OPERATES HIGH PRESSURE NATURAL GAS PIPELINES VOLO LATERALS 123 WITHIN THE PROJECT LIMITS. REFER TO THE SPECIAL PROVISIONS FOR WORK REQUIREMENTS WITHIN THE AREA.
22. PATCH WIDTHS ARE BASED ON ANTICIPATED STORM SEWER TRENCH WIDTH OR EXCAVATION FOR STRUCTURES. ADDITIONAL QUANTITIES HAVE BEEN PROVIDED FOR LOCATIONS TO BE DETERMINED BY THE ENGINEER.
23. IF SOD IS NOT PLACED OVER THE TOPSOIL DUE TO SOD RESTRICTIONS OR WITHIN ONE WEEK, ALL TOPSOIL AREAS MUST BE MAINTAINED. TOPSOIL MAINTENANCE SHALL INCLUDE THE REMOVAL, SPRAYING OR CUTTING OF WEEDS OVER 8" HIGH. THIS MAINTENANCE SHALL BE PERFORMED A MINIMUM OF ONCE (1) A MONTH. IN ADDITION, PRIOR TO PLACING SOD, ALL TOPSOIL AREAS SHALL BE CLEAN OF ALL WEEDS AND DEBRIS.
24. THE SUBGRADE STABILITY SHALL BE VERIFIED BY PROOF ROLLING WITH A FULLY LOADED TANDEM-AXLE TRUCK.
25. GEOTECHNICAL FABRIC FOR GROUND STABILIZATION AND AGGREGATE SUBGRADE IMPROVEMENT (CU YD) HAVE BEEN PROVIDED FOR USE AT THE LOCATIONS INDICATED FOR SOILS THAT TEND TO BE UNSTABLE AND/OR UNSUITABLE. THE ACTUAL NEED FOR REMOVAL AND REPLACEMENT WITH ABOVE ITEM WILL BE DETERMINED IN THE FIELD AT THE TIME OF CONSTRUCTION BY THE GEOTECHNICAL ENGINEER. ALL POTENTIALLY UNSTABLE SOILS SHOULD BE TESTED WITH A STATIC OR DYNAMIC CONE PENETROMETER AND TREATED IN ACCORDANCE WITH ARTICLE 301.04 OF THE SSRBC AND IDOT SUBGRADE STABILITY MANUAL. IF UNSTABLE AND/OR UNSUITABLE SOILS ARE NOT ENCOUNTERED, THEN THE QUANTITY SHALL BE DEDUCTED AND NO ADDITIONAL COMPENSATION WILL BE DUE TO THE CONTRACTOR.
26. ANY AGGREGATE SUBGRADE IMPROVEMENT CONTAMINATED AND/OR DAMAGED BY THE CONTRACTOR'S VEHICLES AND/OR EQUIPMENT IS TO BE REMOVED AND REPLACED AS DIRECTED BY THE ENGINEER AT THE CONTRACTOR'S EXPENSE.
27. THE AGGREGATE GRADATION FOR THE AGGREGATE SUBGRADE IMPROVEMENT 12" LOWER LIFT SHALL BE CS 1 OR RR 1.
28. PIPE UNDERDRAINS SHALL BE INSTALLED ACCORDING TO SECTION 601 OF THE SSRBC AND STANDARD 601001-05. TOP OF PIPE UNDERDRAINS SHALL BE PLACED MINIMUM 6" BELOW THE AGGREGATE SUBGRADE IMPROVEMENT LAYER. THE COST OF MAKING PIPE UNDERDRAINS CONNECTIONS TO DRAINAGE STRUCTURES SHALL BE INCLUDED IN THE COST OF PIPE UNDERDRAINS.
29. BACKFILLING STORM SEWER CONSTRUCTED UNDER THE ROADWAY SPECIFIED UNDER ARTICLE 550.07(b, c) OF THE SSRBC WILL NOT BE ALLOWED.
30. THE FOLLOWING ASSUMPTIONS WERE USED TO ESTIMATE PLAN QUANTITIES:
 - A. 25% OF THE FULL DEPTH WIDENING AREAS ARE ASSUMED TO REQUIRE UNDERCUT TREATMENT AS DESCRIBED ABOVE. THE ASSUMED DEPTH OF UNDERCUT NEEDED IS 1 FOOT.
 - i. WIDENING AREAS FROM STATION 523+50 TO 525+50 ARE EXPECTED TO REQUIRE AN UNDERCUT PER THE ROADWAY GEOTECHNICAL REPORT.
 - B. 25% OF THE LENGTH OF ROADWAY (EACH SIDE) TO BE WIDENED IS ASSUMED TO REQUIRE PIPE UNDERDRAINS, TYPE 2, 4". LOCATIONS OF UNDERDRAINS SHALL BE DETERMINED IN THE FIELD DURING CONSTRUCTION BY THE ENGINEER AND INSTALLED AS DESCRIBED ABOVE.
31. CONTRACTOR SHALL TAKE PRECAUTION BY PRESERVING EXISTING TREES WITHIN THE ROW. IF ANY DAMAGE OCCURS, TREES SHALL BE REPLACED IN KIND PER ARTICLE 201.07, REPAIR OR REPLACEMENT OF EXISTING PLANT MATERIAL REQUIREMENTS STATED HEREIN.
32. ALL TREE PROTECTION, TREE REMOVAL, PRUNING AND ROOT PRUNING SHALL BE COMPLETED BEFORE CONSTRUCTION OPERATIONS COMMENCE IN ANY AREA. AT NOT TIME SHALL THE CONTRACTOR PRUNE OR REMOVE ANY TREES UNLESS SPECIFICALLY DIRECTED BY THE ENGINEER.

COMMITMENTS

NO COMMITMENTS WERE MADE FOR THIS PROJECT

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PLOT SCALE = 2"	CHECKED - MJR	REVISED -
PLOT DATE = 9/17/2024	DATE - 9/17/2024	REVISED -

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DATE - 9/17/2024	REVISED -

THEODORE STREET WIDEN AND RESURFACE

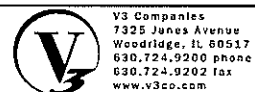
JOLIET ILLINOIS SCALE: NONE SHEET 1 OF 1 SHEETS STA. TO STA.

GENERAL NOTES

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
400	18-00515-01-WR	WILL	115	3
CONTRACT NO. 61K81				
		ILLINOIS	FED. AID PROJECT	

SPECIALTY ITEM	CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE		
					STP 80% FEDERAL 20% LOCAL 0004	STP 80% FEDERAL 20% LOCAL 0042	100% LOCAL CITY OF JOLIET 0004
*	20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	190	190		
*	20100210	TREE REMOVAL (OVER 15 UNITS DIAMETER)	UNIT	405	405		
	20101000	TEMPORARY FENCE	FOOT	1,020	1,020		
*	20101200	TREE ROOT PRUNING	EACH	34	34		
*	20101350	TREE PRUNING (OVER 10 INCH DIAMETER)	EACH	34	34		
	20200100	EARTH EXCAVATION	CU YD	3,607	3,607		
	20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	1,490	1,490		
	20800150	TRENCH BACKFILL	CU YD	374	374		
	21001000	GEOTECHNICAL FABRIC FOR GROUND STABILIZATION	SQ YD	6,125	6,125		
	21101615	TOPSOIL FURNISH AND PLACE, 4"	SQ YD	6,482	6,482		
	21301060	EXPLORATION TRENCH 60" DEPTH	FOOT	400	400		
*	25000400	NITROGEN FERTILIZER NUTRIENT	POUND	121	121		
*	25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	121	121		
*	25200110	SODDING, SALT TOLERANT	SQ YD	6,482	6,482		
*	25200200	SUPPLEMENTAL WATERING	UNIT	350	350		
	28000400	PERIMETER EROSION BARRIER	FOOT	5,650	5,650		

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PLOT SCALE = 2"	DRAWN - DRP	REVISED -
PLOT DATE = 11/13/2024	CHECKED - MIR	REVISED -
	DATE - 9/17/2024	REVISED -

THEODORE STREET WIDEN AND RESURFACE
 JOLIET ILLINOIS

SUMMARY OF QUANTITIES			
SCALE: NONE	SHEET 1 OF 11 SHEETS	STA.	TO STA.

F.A.U. RTE. 400	SECTION 18-00515-01-WR	COUNTY WILL	TOTAL SHEETS 115	SHEET NO. 4
ILLINOIS FED. AID PROJECT			CONTRACT NO. 61K81	

SPECIALTY ITEM	CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE		
					STP 80% FEDERAL 20% LOCAL 0004	STP 80% FEDERAL 20% LOCAL 0042	100% LOCAL CITY OF JOLIET 0004
	28000510	INLET FILTERS	EACH	43	43		
	30300001	AGGREGATE SUBGRADE IMPROVEMENT	CU YD	409	409		
	30300112	AGGREGATE SUBGRADE IMPROVEMENT 12"	SQ YD	4,900	4,900		
	31102095	SUBBASE GRANULAR MATERIAL TYPE C 3"	SQ YD	1,457	1,457		
	31102500	SUBBASE GRANULAR MATERIAL, TYPE C 8"	SQ YD	62	62		
	35102000	AGGREGATE BASE COURSE, TYPE B 8"	SQ YD	1,556	1,556		
	35400250	PORTLAND CEMENT CONCRETE BASE COURSE WIDENING, 7.5"	SQ YD	292	292		
	35501316	HOT-MIX ASPHALT BASE COURSE, 8"	SQ YD	51	51		
	40600275	BITUMINOUS MATERIALS (PRIME COAT)	POUND	11,517	11,517		
	40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	9,977	9,977		
	40600400	MIXTURE FOR CRACKS, JOINTS, AND FLANGEWAYS	TON	20	20		
	40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	79	79		
	40602978	HOT-MIX ASPHALT BINDER COURSE, IL- 9.5, N50	TON	4	4		
	40602985	HOT-MIX ASPHALT BINDER COURSE, IL-9.5, N70	TON	1,041	1,041		
	40603085	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70	TON	711	711		
	40603090	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N90	TON	1,344	1,344		

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PLOT SCALE = 2"
PLOT DATE = 11/13/2024

DESIGNED - CJF
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CHECKED - MJR
DATE - 9/17/2024

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REVISED -

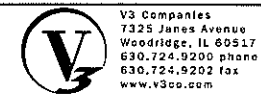
THEODORE STREET WIDEN AND RESURFACE
JOLIET ILLINOIS

SUMMARY OF QUANTITIES
SCALE: NONE SHEET 2 OF 11 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
400	18-00515-01-WR	WILL	115	5
ILLINOIS FED. AID PROJECT			CONTRACT NO. 61K81	

SPECIALTY ITEM	CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE		
					STP 80% FEDERAL 20% LOCAL 0004	STP 80% FEDERAL 20% LOCAL 0042	100% LOCAL CITY OF JOLIET 0004
	40604060	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50	TON	267	267		
	40604172	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "E", N70	TON	1,450	1,450		
	42300400	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8 INCH	SQ YD	173	173		
	42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SQ FT	11,166	11,166		
	42400410	PORTLAND CEMENT CONCRETE SIDEWALK 8 INCH	SQ FT	273	273		
	42400800	DETECTABLE WARNINGS	SQ FT	282	282		
	44000100	PAVEMENT REMOVAL	SQ YD	414	414		
	44000162	HOT-MIX ASPHALT SURFACE REMOVAL, 3 1/4"	SQ YD	11,012	11,012		
	44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	539	539		
	44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	5,012	5,012		
	44000600	SIDEWALK REMOVAL	SQ FT	14,397	14,397		
	44201781	CLASS D PATCHES, TYPE III, 11 INCH	SQ YD	46	46		
	44201783	CLASS D PATCHES, TYPE IV, 11 INCH	SQ YD	196	196		
	54248510	CONCRETE COLLAR	CU YD	0.2	0.2		
	550A2320	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 1 12"	FOOT	2,257	2,257		
	550A2330	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 1 15"	FOOT	61	61		

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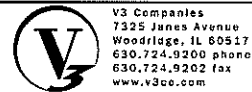


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THEODORE STREET WIDEN AND RESURFACE				SUMMARY OF QUANTITIES				F.A.U. RTE. 400	SECTION 18-00515-01-WR	COUNTY WILL	TOTAL SHEETS 115	SHEET NO. 6
JOLIET	ILLINOIS	SCALE: NONE	SHEET 3 OF 11 SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT		CONTRACT NO. 61K81				

SPECIALTY ITEM	CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE		
					STP 80% FEDERAL 20% LOCAL 0004	STP 80% FEDERAL 20% LOCAL 0042	100% LOCAL CITY OF JOLIET 0004
	550A2520	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 2 12"	FOOT	265	265		
	55100500	STORM SEWER REMOVAL 12"	FOOT	300	300		
	55100900	STORM SEWER REMOVAL 18"	FOOT	8	8		
*	56400100	FIRE HYDRANTS TO BE MOVED	EACH	6	6		
	60108204	PIPE UNDERDRAINS, TYPE 2, 4"	FOOT	1,479	1,479		
	60202405	CATCH BASINS, TYPE A, 4'-DIAMETER	EACH	20	20		
	60205605	CATCH BASINS, TYPE A, 5'-DIAMETER	EACH	1	1		
	60220200	MANHOLES, TYPE A, 4'-DIAMETER	EACH	4	4		
	60238800	INLETS, TYPE A	EACH	19	19		
	60255500	MANHOLES TO BE ADJUSTED	EACH	4	4		
	60266600	VALVE BOXES TO BE ADJUSTED	EACH	4	4		
	60404800	FRAMES AND GRATES, TYPE 11	EACH	35	35		
	60406100	FRAMES AND LIDS, TYPE 1, CLOSED LID	EACH	4	4		
	60500040	REMOVING MANHOLES	EACH	2	2		
	60500060	REMOVING INLETS	EACH	15	15		
	60600605	CONCRETE CURB, TYPE B	FOOT	11	11		

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THEODORE STREET WIDEN AND RESURFACE
 ILLINOIS

SUMMARY OF QUANTITIES
 SCALE: NONE | SHEET 4 OF 11 SHEETS | STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
400	18-00515-01-WR	WILL	115	7
CONTRACT NO. 61K81				
ILLINOIS FED. AID PROJECT				

SPECIALTY ITEM	CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE		
					STP 80% FEDERAL 20% LOCAL 0004	STP 80% FEDERAL 20% LOCAL 0042	100% LOCAL CITY OF JOLIET 0004
	60603800	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12	FOOT	4,908	4,908		
*	66900200	NON-SPECIAL WASTE DISPOSAL	CU YD	198	198		
*	66900530	SOIL DISPOSAL ANALYSIS	EACH	1	1		
*	66901001	REGULATED SUBSTANCES PRE-CONSTRUCTION PLAN	L SUM	1	1		
*	66901003	REGULATED SUBSTANCES FINAL CONSTRUCTION REPORT	L SUM	1	1		
*	66901006	REGULATED SUBSTANCES MONITORING	CAL DA	10	10		
	67100100	MOBILIZATION	L SUM	1	1		
	70102625	TRAFFIC CONTROL AND PROTECTION, STANDARD 701606	L SUM	1	1		
	70102632	TRAFFIC CONTROL AND PROTECTION, STANDARD 701602	L SUM	1	1		
	70102634	TRAFFIC CONTROL AND PROTECTION, STANDARD 701611	L SUM	1	1		
	70102635	TRAFFIC CONTROL AND PROTECTION, STANDARD 701701	L SUM	1	1		
	70102640	TRAFFIC CONTROL AND PROTECTION, STANDARD 701801	L SUM	1	1		
	70107025	CHANGEABLE MESSAGE SIGN	CAL DA	161	161		
	70300100	SHORT TERM PAVEMENT MARKING	FOOT	10,652	10,652		
	70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SQ FT	3,551	3,551		
	72000100	SIGN PANEL - TYPE 1	SQ FT	59	59		

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THEODORE STREET WIDEN AND RESURFACE

SUMMARY OF QUANTITIES

JOLIET

ILLINOIS

SCALE: NONE SHEET 5 OF 11 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
400	18-00515-01-WR	WILL	115	8
CONTRACT NO. 61K81			ILLINOIS FED. AID PROJECT	

SPECIALTY ITEM	CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE		
					STP 80% FEDERAL 20% LOCAL 0004	STP 80% FEDERAL 20% LOCAL 0042	100% LOCAL CITY OF JOLIET 0004
	72400100	REMOVE SIGN PANEL ASSEMBLY - TYPE A	EACH	7	7		
	72400200	REMOVE SIGN PANEL ASSEMBLY - TYPE B	EACH	2	2		
	72400310	REMOVE SIGN PANEL - TYPE 1	SQ FT	5	5		
*	72800100	TELESCOPING STEEL SIGN SUPPORT	FOOT	141	141		
*	78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	304	304		
*	78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	8,058	8,058		
*	78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	1,604	1,604		
*	78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	570	570		
*	78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	131	131		
	78300202	PAVEMENT MARKING REMOVAL - WATER BLASTING	SQ FT	318	318		
*	81028200	UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.	FOOT	1,189	1,189		
*	81028220	UNDERGROUND CONDUIT, GALVANIZED STEEL, 3" DIA.	FOOT	304	304		
*	81028240	UNDERGROUND CONDUIT, GALVANIZED STEEL, 4" DIA.	FOOT	360	360		
*	81400100	HANDHOLE	EACH	3	3		
*	81400300	DOUBLE HANDHOLE	EACH	2	2		
*	81400730	HANDHOLE, COMPOSITE CONCRETE	EACH	2	2		

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THEODORE STREET WIDEN AND RESURFACE

JOLIET

ILLINOIS

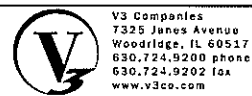
SUMMARY OF QUANTITIES

SCALE: NONE SHEET 6 OF 11 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
400	18-00515-01-WR	WILL	115	9
CONTRACT NO. 61K81			ILLINOIS FED. AID PROJECT	

SPECIALTY ITEM	CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE		
					STP 80% FEDERAL 20% LOCAL 0004	STP 80% FEDERAL 20% LOCAL 0042	100% LOCAL CITY OF JOLIET 0004
*	81603039	UNIT DUCT, 600V, 2-1C NO.6 1/C NO.6 GROUND, (XLP-TYPE USE), 1 1/2" DIA. POLYETHYLENE	FOOT	2,130	2,130		
*	81800415	AERIAL CABLE, 4-1/C NO. 6 WITH MESSENGER WIRE	FOOT	2,035	2,035		
*	83007500	LIGHT POLE, ALUMINUM, 35 FT. M.H., 12 FT. MAST ARM	EACH	13	13		
*	83057355	LIGHT POLE, WOOD, 60 FOOT, CLASS 4, WITH 15FT MAST ARM	EACH	13	13		
*	83600200	LIGHT POLE FOUNDATION, 24" DIAMETER	FOOT	104	104		
*	83800205	BREAKAWAY DEVICE, TRANSFORMER BASE, 15 INCH BOLT CIRCLE	EACH	13	13		
*	84100110	REMOVAL OF TEMPORARY LIGHTING UNIT	EACH	13	13		
*	84200500	REMOVAL OF LIGHTING UNIT, SALVAGE	EACH	8	8		
*	86000100	MASTER CONTROLLER	EACH	1	1		
*	87300925	ELECTRIC CABLE IN CONDUIT, TRACER, NO. 14 1C	FOOT	1,360	1,360		
*	87301215	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	1,343	1,343		
*	87301225	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	1,533	1,533		
*	87301245	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	1,735	1,735		
*	87301255	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	704	704		
*	87301805	ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2 C	FOOT	13	13		
*	87301900	ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	1,886	1,886		

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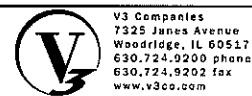
THEODORE STREET WIDEN AND RESURFACE
 JOLIET ILLINOIS

SUMMARY OF QUANTITIES
 SCALE: NONE SHEET 7 OF 11 SHEETS STA. TO STA.

F.A.U. RTE. 400	SECTION 18-00515-01-WR	COUNTY WILL	TOTAL SHEETS 115	SHEET NO. 10
ILLINOIS FED. AID PROJECT			CONTRACT NO. 61K81	

SPECIALTY ITEM	CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE		
					STP 80% FEDERAL 20% LOCAL 0004	STP 80% FEDERAL 20% LOCAL 0042	100% LOCAL CITY OF JOLIET 0004
*	87502440	TRAFFIC SIGNAL POST, GALVANIZED STEEL 10 FT.	EACH	2	2		
*	87502500	TRAFFIC SIGNAL POST, GALVANIZED STEEL 16 FT.	EACH	3	3		
*	87702950	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 44 FT.	EACH	1	1		
*	87702970	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 48 FT.	EACH	1	1		
*	87702980	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 50 FT.	EACH	1	1		
*	87800100	CONCRETE FOUNDATION, TYPE A	FOOT	28	28		
*	87800150	CONCRETE FOUNDATION, TYPE C	FOOT	4	4		
*	87800415	CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER	FOOT	52	52		
*	87900200	DRILL EXISTING HANDHOLE	EACH	1	1		
*	88030020	SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST-ARM MOUNTED	EACH	5	5		
*	88030050	SIGNAL HEAD, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED	EACH	5	5		
*	88030100	SIGNAL HEAD, LED, 1-FACE, 5-SECTION, BRACKET MOUNTED	EACH	2	2		
*	88030110	SIGNAL HEAD, LED, 1-FACE, 5-SECTION, MAST-ARM MOUNTED	EACH	2	2		
*	88102717	PEDESTRIAN SIGNAL HEAD, LED, 1-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER	EACH	8	8		
*	88200410	TRAFFIC SIGNAL BACKPLATE, LOUVERED, FORMED PLASTIC	EACH	7	7		
*	88700200	LIGHT DETECTOR	EACH	2	2		

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THEODORE STREET WIDEN AND RESURFACE
 JOLIET ILLINOIS

SUMMARY OF QUANTITIES
 SCALE: NONE SHEET 8 OF 11 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
400	18-00515-01-WR	WILL	115	11
			CONTRACT NO. 61K81	
ILLINOIS FED. AID PROJECT				

SPECIALTY ITEM	CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE		
					STP 80% FEDERAL 20% LOCAL 0004	STP 80% FEDERAL 20% LOCAL 0042	100% LOCAL CITY OF JOLIET 0004
*	88700300	LIGHT DETECTOR AMPLIFIER	EACH	1	1		
*	89501510	RELOCATE EXISTING FLASHING BEACON	EACH	1	1		
*	89502300	REMOVE ELECTRIC CABLE FROM CONDUIT	FOOT	2,900	2,900		
	LR443200	STRIP REFLECTIVE CRACK CONTROL TREATMENT	FOOT	5,918	5,918		
*	X0324085	EMERGENCY VEHICLE PRIORITY SYSTEM LINE SENSOR CABLE, NO. 20 3/C	FOOT	215	215		
*	X0327698	LED INTERNALLY ILLUMINATED STREET NAME SIGN	EACH	3	3		
*	X1400150	SERVICE INSTALLATION, GROUND MOUNTED, METERED	EACH	1	1		
*	X1400238	LUMINAIRE, LED, SPECIAL	EACH	16	16		
*	X1400424	ELECTRIC CABLE IN CONDUIT, STREET NAME SIGN, NO. 14 3C, TYPE SOOW	FOOT	538	538		
	X4021000	TEMPORARY ACCESS (PRIVATE ENTRANCE)	EACH	2	2		
	X4022000	TEMPORARY ACCESS (COMMERCIAL ENTRANCE)	EACH	3	3		
	X5509900	ABANDON AND FILL EXISTING STORM SEWER	FOOT	590	590		
	X5510010	STORM SEWER CONNECTION	EACH	1	1		
	X6028000	MANHOLES TO BE RECONSTRUCTED (SPECIAL)	EACH	4	4		
	X6030310	FRAMES AND LIDS TO BE ADJUSTED (SPECIAL)	EACH	4	4		
	X6700407	ENGINEER'S FIELD OFFICE, TYPE A (D1)	CAL MO	9	9		

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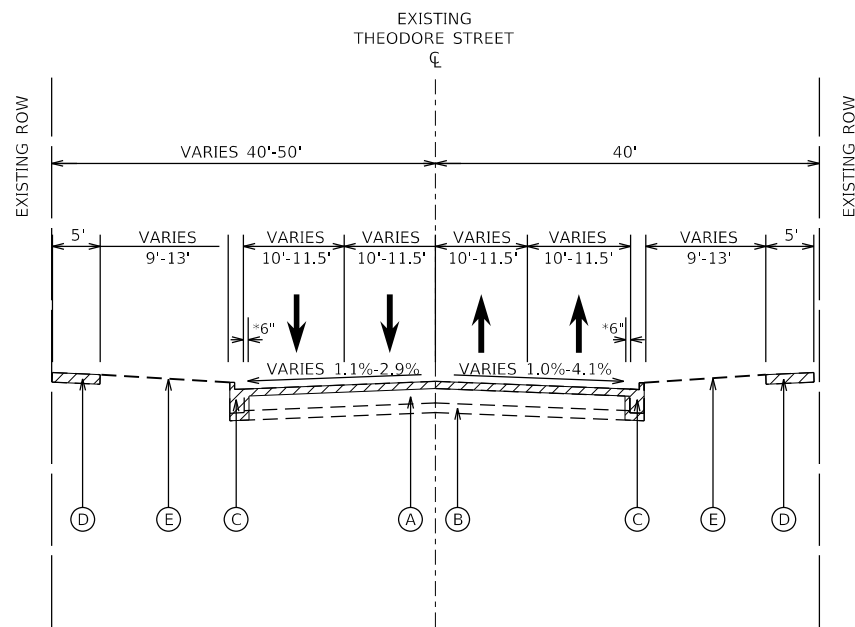
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 DATE - 9/17/2024

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THEODORE STREET WIDEN AND RESURFACE
 JOLIET ILLINOIS

SUMMARY OF QUANTITIES
 SCALE: NONE SHEET 9 OF 11 SHEETS STA. TO STA.

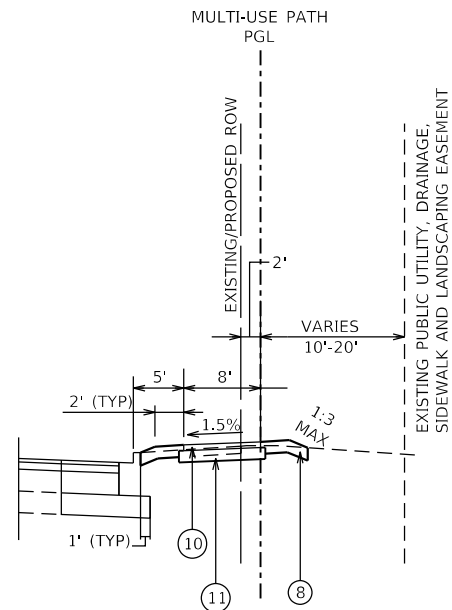
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
400	18-00515-01-WR	WILL	115	12
ILLINOIS FED. AID PROJECT			CONTRACT NO. 61K81	



SIDEWALK REMOVAL
 STA. 507+06.14 TO STA. 508+71.91
 STA. 509+24.45 TO STA. 509+57.04
 STA. 512+59.98 TO STA. 512+94.82
 STA. 513+45.94 TO STA. 525+79.46

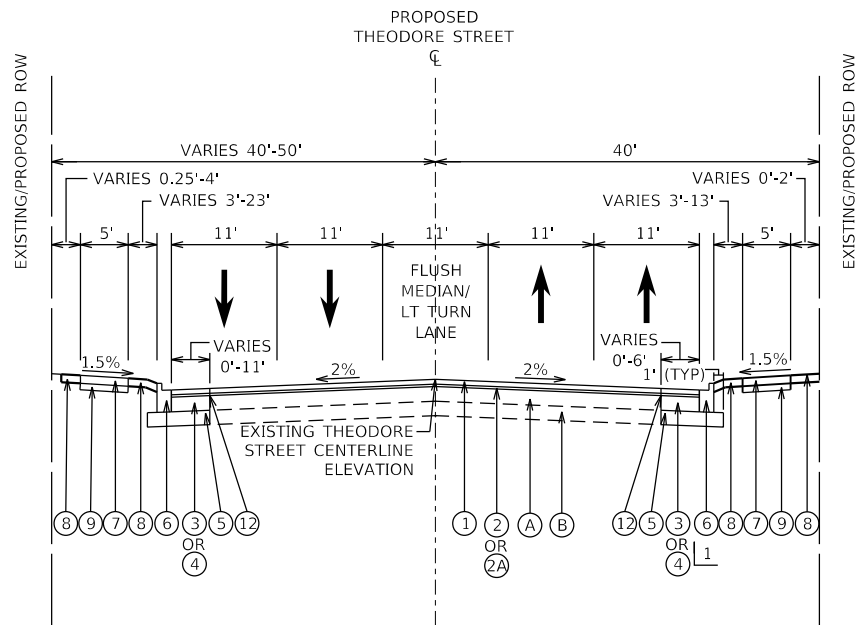
**EXISTING TYPICAL SECTION
 THEODORE STREET**
 STA 501+96.81 TO STA 525+64.46

SIDEWALK REMOVAL
 STA. 515+62.75 TO STA. 517+38.15
 STA. 517+79.63 TO STA. 523+94.82
 STA. 524+42.66 TO STA. 528+64.44
 STA. 528+94.95 TO STA. 531+50.60



**PROPOSED MULTI-USE PATH
 THEODORE STREET**

STA 512+74.48 TO STA 531+76.02



PROPOSED SIDEWALK
 STA. 507+06.14 TO STA. 508+70.09
 STA. 509+24.45 TO STA. 509+57.04
 STA. 512+59.98 TO STA. 512+95.74
 STA. 513+46.37 TO STA. 525+79.46

**PROPOSED TYPICAL SECTION
 THEODORE STREET**

STA 501+96.81 TO STA 525+64.46 1 SEE SHARED-USE PATH DETAIL
 STA. 512+74.48 TO 531+76.02

PROPOSED SIDEWALK
 STA. 506+66.45 TO STA. 512+74.48

WIDENING SECTIONS

- HMA BINDER COURSE, IL-19.0, N90, 7.5", SHALL BE USED WHEN WIDENING IS GREATER THAN 6'.
- PCC BASE COURSE WIDENING, 7.5", SHALL BE USED WHEN WIDENING IS BETWEEN 6' OR LESS. PCC BASE COURSE CAN BE POURED MONOLITHICALLY WITH ADJACENT CURB AND GUTTER.

* SAWCUT 6" FROM EXISTING EDGE OF PAVEMENT FOR WIDENING SECTION

EXISTING LEGEND

- (A) HOT-MIX ASPHALT PAVEMENT
- (B) AGGREGATE SUBBASE
- (C) CONCRETE CURB & GUTTER
- (D) EXISTING SIDEWALK
- (E) EXISTING GROUND



PROPOSED LEGEND

- (1) POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "E", IL-9.5, N70, 1.75"
- (2) HOT-MIX ASPHALT BINDER COURSE, IL-9.5, N70, 1.5" TO 2.25"
- (2A) HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70, 2.25" TO 5.9"
- (3) HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N90, 7.5"
- (4) PORTLAND CEMENT CONCRETE BASE COURSE WIDENING, 7.5"
- (5) AGGREGATE SUBGRADE IMPROVEMENT 12"
- (6) COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12
- (7) PORTLAND CEMENT CONCRETE SIDEWALK 5" (6" AT RESIDENTIAL DRIVEWAYS) (8" AT COMMERCIAL DRIVEWAYS)
- (8) SODDING, SALT TOLERANCE TOPSOIL FURNISH AND PLACE, 4"
- (9) SUBBASE GRANULAR MATERIAL, TYPE C, 3"
- (10) HOT-MIX ASPHALT SURFACE COURSE, MIX "D", IL-9.5, N50, 3"
- (11) AGGREGATE BASE COURSE, TYPE B, 8"
- (12) STRIP REFLECTIVE CRACK CONTROL TREATMENT

NOTE:

- (2A) "HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70" MUST BE UTILIZED WHEN THE BINDER COURSE THICKNESS IS GREATER THAN 2.25" AND WHERE SHOWN ON THE PLANS.

HOT-MIX ASPHALT REQUIREMENTS

MIXTURE TYPE	AIR VOIDS @ Ndes	QMP
THEODORE STREET ROAD WIDENING		
POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "E", IL-9.5, N70 - 1.75"	4% @ 70 GYR	LR 1030-2
HOT-MIX ASPHALT BINDER COURSE, IL-9.5, N70 - 1.5"	4% @ 70 GYR	LR 1030-2
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N90 - 7.5"	4% @ 90 GYR	LR 1030-2
THEODORE STREET ROAD RESURFACING		
POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "E", IL-9.5, N70 - 1.75"	4% @ 70 GYR	LR 1030-2
HOT-MIX ASPHALT BINDER COURSE, IL-9.5, N70 - 1.5"	4% @ 70 GYR	LR 1030-2
THEODORE STREET ROAD RESURFACING (GRADE CORRECTION)		
POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "E", IL-9.5, N70 - 1.75"	4% @ 70 GYR	LR 1030-2
HOT-MIX ASPHALT BINDER COURSE, IL-9.5, N70 - 1.5" TO 2.25"	4% @ 70 GYR	LR 1030-2
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70 - 2.25" TO 5.9"	4% @ 70 GYR	LR 1030-2
THEODORE STREET RESIDENTIAL DRIVEWAYS		
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", IL-9.5, N50 - 1.5"	4% @ 50 GYR	LR 1030-2
HOT-MIX ASPHALT BINDER COURSE, IL-9.5, N50 - 1.5"	4% @ 50 GYR	LR 1030-2
THEODORE STREET COMMERCIAL DRIVEWAYS		
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", IL-9.5, N50 - 2"	4% @ 50 GYR	LR 1030-2
HOT-MIX ASPHALT BASE COURSE, 8" (HMA BINDER IL-19.0, N50)	4% @ 50 GYR	LR 1030-2
THEODORE STREET MULTI-USE PATH		
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", IL-9.5, N50 - 3" (2 LIFTS)	4% @ 50 GYR	LR 1030-2
CLASS D PATCHES, TYPES III & IV, 11"		
HOT-MIX ASPHALT BINDER COURSE IL-19.0, N70	4% @ 70 GYR	LR 1030-2
TEMPORARY PAVEMENT (VARIABLE DEPTH)		
HOT-MIX ASPHALT BINDER COURSE IL-19.0, N50	4% @ 50 GYR	LR 1030-2

QMP DESIGNATION: QUALITY CONTROL / QUALITY ASSURANCE (QC/QA) PER LR 1030-2.

NOTES

- THE UNIT WEIGHT USED TO CALCULATATE ALL HMA MIXTURE QUANTITIES IS 112 LBS/SQYD/IN.
- THE "AC TYPE" FOR POLYMERIZED HMA MIXES SHALL BE "SBS/SBR PG 76-22" AND FOR NON-POLYMERIZED HMA THE "AC TYPE" SHALL BE "PG 64-22" UNLESS MODIFIED BY RECLAIMED MATERIAL SPECIFICATIONS.

V3 Companies
 7325 Janes Avenue
 Woodridge, IL 60517
 630.724.9200 phone
 630.724.9202 fax
 www.v3co.com

USER NAME = lyanisch	DESIGNED - CJF	REVISED -
PLOT SCALE = 20'	DRAWN - DRP	REVISED -
PLOT DATE = 9/17/2024	CHECKED - MJR	REVISED -
	DATE - 9/17/2024	REVISED -

THEODORE STREET WIDEN AND RESURFACE

TYPICAL SECTIONS

JOLIET

ILLINOIS

SCALE: NONE SHEET 1 OF 1 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
400	18-00515-01-WR	WILL	115	15
CONTRACT NO. 61K81				
ILLINOIS FED. AID PROJECT				

STATION	CUT (CU YD)	FILL (CU YD)	BALANCE (0.85*CUT)-FILL
501+50.00	0.0	0.0	0.00
502+00.00	3.4	2.0	0.80
502+50.00	10.8	3.4	5.71
503+00.00	19.9	3.2	13.73
503+50.00	30.0	3.6	21.88
504+00.00	41.0	2.9	31.97
504+50.00	50.5	2.0	40.98
504+71.47	23.3	0.9	18.95
505+00.00	24.5	0.8	20.01
505+22.62	15.2	0.5	12.43
505+50.00	19.6	0.7	15.96
505+72.90	21.7	0.9	17.53
506+00.00	31.8	1.5	25.60
506+50.00	57.1	3.0	45.54
507+00.00	57.6	7.4	41.53
507+50.00	58.3	11.2	38.36
508+00.00	57.2	8.2	40.47
508+50.00	61.5	3.7	48.56
508+93.96	77.7	1.4	64.61
509+00.00	14.4	0.1	12.10
509+50.00	98.5	0.9	82.80
510+00.00	69.7	0.5	58.78
510+50.00	63.7	1.0	53.10
511+00.00	58.3	2.9	46.70
511+50.00	54.1	14.6	31.37
512+00.00	49.7	30.9	11.37
512+27.70	27.7	20.1	3.46
512+50.00	20.8	14.5	3.20
513+00.00	31.9	19.6	7.57
513+12.92	5.2	1.9	2.48
513+21.92	3.6	0.8	2.31
513+50.00	19.6	13.9	2.81
513+74.12	29.9	22.4	2.98
514+00.00	38.7	24.7	8.19
514+50.00	75.6	36.0	28.22
515+00.00	74.8	30.9	32.66
515+50.00	69.1	34.0	24.72
516+00.00	83.6	19.3	51.77
516+50.00	100.8	5.2	80.52
517+00.00	112.5	1.2	94.43
517+50.00	112.8	0.0	95.86
517+58.68	17.4	0.0	14.77
518+00.00	88.4	0.0	75.13
518+50.00	116.9	0.0	99.38
519+00.00	113.5	0.0	96.49
519+50.00	107.1	0.5	90.57
520+00.00	94.2	4.4	75.64
520+50.00	81.0	9.4	59.46
521+00.00	76.6	10.6	54.45
521+50.00	73.4	12.6	49.77
522+00.00	70.5	18.5	41.46
522+50.00	72.0	19.9	41.30
523+00.00	81.2	11.9	57.15
523+50.00	95.2	3.2	77.73
524+00.00	102.1	0.2	86.55
524+18.81	38.1	0.4	32.00
524+50.00	66.6	1.3	55.27
525+00.00	107.1	2.2	88.88
525+50.00	104.8	1.7	87.36
526+00.00	62.5	0.9	52.29
526+50.00	19.5	1.4	15.17
527+00.00	19.9	1.5	15.41
527+50.00	20.3	0.6	16.60
528+00.00	21.2	0.4	17.69
528+50.00	21.8	0.2	18.27
528+80.13	6.2	0.1	5.16
529+00.00	0.0	0.0	0.00
529+50.00	8.6	0.0	7.31
530+00.00	15.0	0.0	12.73
530+50.00	10.5	0.4	8.56
531+00.00	11.6	1.1	8.76
531+50.00	7.5	0.8	5.62
TOTAL	3606.6	456.6	2609.0

NOTE:

1. ANY SUITABLE EXCAVATED MATERIALS SHALL BE PAID FOR ONCE REGARDLESS OF BEING HAULED OFF OR USED ON SITE AS FILL. ANY ITEMS DEEMED AS UNACCEPTABLE SHALL BE PAID FOR AS REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL.

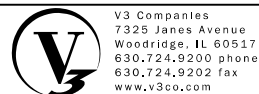
2. REMOVAL AND DISPOSAL OF UNSUITABLE MATERIALS SHALL BE IN ACCORDANCE WITH SECTION 202 OF THE IDOT STANDARD SPECIFICATIONS. QUANTITIES INCLUDE ALL TOPSOIL STRIPPING AND UNSUITABLE SUBGRADE MATERIAL REMOVED FOR UNDERCUTS.

• A 6" TOPSOIL THICKNESS WAS USED IN QUANTITY CALCULATIONS.

• 25% OF THE PAVEMENT WIDENING AREAS ARE ASSUMED TO REQUIRE UNDERCUT TREATMENT AT A 1 FOOT DEPTH.

3. A 15% SHRINKAGE FACTOR WAS USED IN EARTHWORK BALANCE CALCULATIONS.

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USER NAME = lyanisch
PLOT SCALE = 2"
PLOT DATE = 9/17/2024

DESIGNED - CJF
DRAWN - DRP
CHECKED - MJR
DATE - 9/17/2024

REVISED -
REVISED -
REVISED -
REVISED -

THEODORE STREET WIDEN AND RESURFACE

JOLIET

ILLINOIS

EARTHWORK SCHEDULE

SCALE: NONE

SHEET 1 OF 1 SHEETS

STA.

TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
400	18-00515-01-WR	WILL	115	16
CONTRACT NO. 61K81				
ILLINOIS		FED. AID PROJECT		

TREE REMOVAL SCHEDULE - THEODORE ST

STATION	OFFSET FEET	LT/RT	NORTHING	EASTING	SIZE * INCH	TYPE	IMPACT
100+61	29	RT	1778795.738	1012914.119	13	Little-Leaved Linden	Remove
508+28	33	RT	1778694.500	1012393.076	24	Northern Catalpa	Remove
508+28	33	RT	1778694.500	1012393.076	24	Northern Catalpa	Remove
508+28	33	RT	1778694.500	1012393.076	24	Northern Catalpa	Remove
508+61	36	RT	1778691.901	1012426.859	48	Northern Catalpa	Remove
508+79	38	RT	1778690.616	1012444.667	30	Northern Catalpa	Remove
509+09	37	RT	1778691.097	1012474.774	30	Northern Catalpa	Remove
509+62	33	RT	1778696.390	1012527.905	30	Northern Catalpa	Remove
509+73	38	RT	1778691.503	1012538.219	20	Northern Catalpa	Remove
509+88	32	RT	1778698.104	1012553.107	13	Northern Catalpa	Remove
509+94	33	RT	1778696.814	1012559.727	25	Northern Catalpa	Remove
510+17	33	RT	1778696.554	1012582.605	17	Northern Catalpa	Remove
510+27	38	RT	1778692.456	1012592.938	15	Northern Catalpa	Remove
510+46	37	RT	1778693.468	1012611.157	15	Northern Catalpa	Remove
510+46	34	RT	1778696.665	1012611.955	15	Northern Catalpa	Remove
510+58	32	RT	1778698.230	1012623.816	20	Northern Catalpa	Remove
510+65	35	RT	1778695.138	1012630.389	33	Northern Catalpa	Remove
510+68	38	RT	1778692.877	1012633.175	14	White Mulberry	Remove
510+68	36	RT	1778694.957	1012633.748	12	White Mulberry	Remove
510+72	37	RT	1778693.740	1012637.185	18	Northern Catalpa	Remove
510+90	32	RT	1778698.864	1012655.664	13	White Mulberry	Remove
510+90	32	RT	1778698.864	1012655.664	13	White Mulberry	Remove
510+96	36	RT	1778694.659	1012661.374	33	Northern Catalpa	Remove
511+04	33	RT	1778698.250	1012669.652	29	Northern Catalpa	Remove
512+83	41	RT	1778692.555	1012848.950	12	Maple Cultivar	Remove
514+20	29	LT	1778763.784	1012984.410	10	Maple Cultivar	Remove
517+69	28	LT	1778767.215	1013332.959	14	Honey-Locust	Remove
518+86	28	LT	1778769.555	1013450.886	10	Little-Leaved Linden	Remove
520+43	28	LT	1778770.719	1013607.879	15	Honey-Locust	Remove
520+83	28	LT	1778771.683	1013647.796	6	Maple Cultivar	Remove

NOTE:

1. TREES TO BE REMOVED LESS THAN 6" DIAMETER ARE TO BE INCLUDED IN THE COST OF EARTH EXCAVATION AND ARE NOT LISTED IN REMOVAL SCHEDULE

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V3 Companies
7325 Janes Avenue
Woodridge, IL 60517
630.724.9200 phone
630.724.9202 fax
www.v3co.com

USER NAME = lyanisch	DESIGNED - CJF	REVISED -
	DRAWN - DRP	REVISED -
PLOT SCALE = 2"	CHECKED - MJR	REVISED -
PLOT DATE = 9/17/2024	DATE - 9/17/2024	REVISED -

THEODORE STREET WIDEN AND RESURFACE

JOLIET

ILLINOIS

SCALE: NONE

SHEET 1 OF 1 SHEETS

STA.

TO STA.

TREE REMOVAL SCHEDULE

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
400	18-00515-01-WR	WILL	115	17
CONTRACT NO. 61K81				
ILLINOIS		FED. AID PROJECT		

SIGNING SCHEDULE - THEODORE ST

	SIGN LOCATION			SIGN NUMBER						SIGN TYPE	MUCTD DESIGNATION	EXISTING SIGN			SIGN PANEL TYPE
	STATION	OFFSET	LT/RT									WDT (FT)	HGT (FT)	AREA (SQ FT)	
PR-01	507+17	32	RT	EB	THEO	TS	0001	-	P	SPEED LIMIT 40 MPH	R2-1	2.5	3	7.5	TYPE A
PR-02	507+19	32	LT	WB	THEO	TS	0002	-	P	SPEED LIMIT 40 MPH	R2-1	2.5	3	7.5	TYPE A
PR-03	508+69	45	LT	WB	THEO	TS	0003	-	P	STOP SIGN	R1-1	1.5	1.5	2.25	TYPE A
PR-04	515+73	31	LT	WB	THEO	M	0004	-	P	END SCHOOL ZONE	S5-2	2	2.5	5	TYPE B
	515+73	31	LT	WB	THEO	M	0004	-	P	SPEED LIMIT 40 MPH	R2-1	2.5	3	7.5	
PR-05	509+62	31	RT	SB	THEO	TS	0005	-	P	SIGNAL AHEAD	W3-3	3	3	9	TYPE A
PR-06	103+08	0	LT	NB	DRAU	TS	0006	-	P	SIGNAL AHEAD	W3-3	3	3	9	TYPE A
PR-07	516+78	30	LT	WB	THEO	TS	0007	-	P	SIGNAL AHEAD	W3-3	3	3	9	TYPE A
PR-08	100+85	26	LT	SB	DRAU	TS	0008	-	P	BIKES USE PED SIGNAL	R9-5	1	1.5	1.5	TYPE A

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www.v3co.com

USER NAME = lyanisch
PLOT SCALE = 2"
PLOT DATE = 9/17/2024

DESIGNED - CJF
DRAWN - DRP
CHECKED - MJR
DATE - 9/17/2024

REVISED -
REVISED -
REVISED -
REVISED -

THEODORE STREET WIDEN AND RESURFACE

JOLIET

ILLINOIS

SIGN SCHEDULE

SCALE: NONE

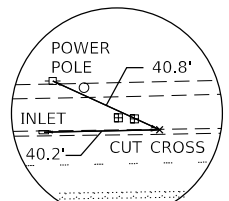
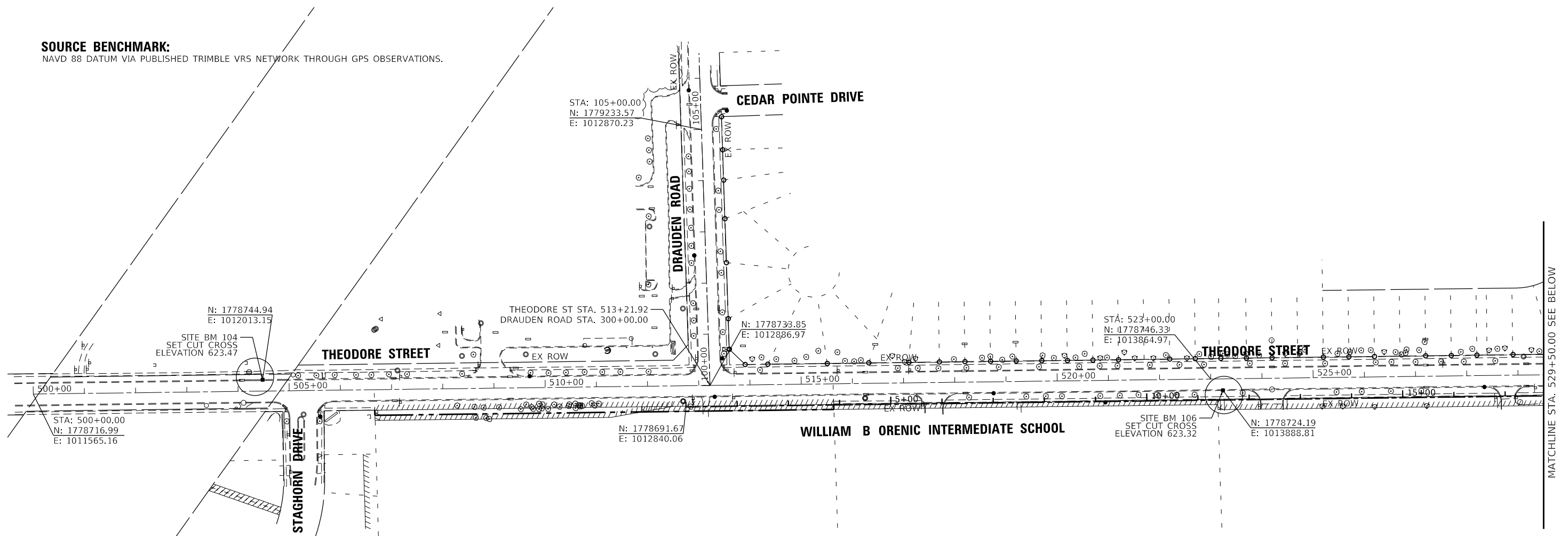
SHEET 1 OF 1 SHEETS

STA.

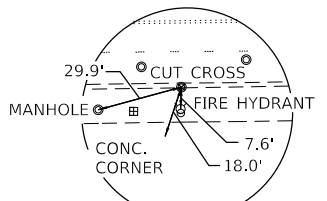
TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
400	18-00515-01-WR	WILL	115	18
CONTRACT NO. 61K81				
ILLINOIS		FED. AID PROJECT		

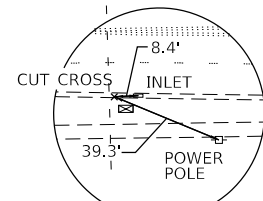
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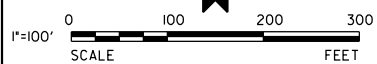
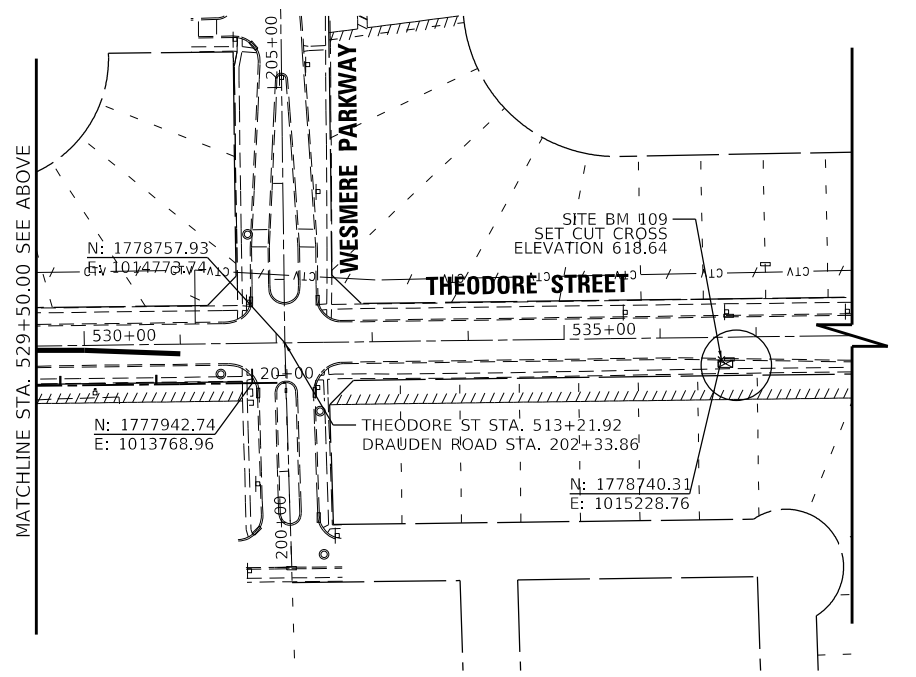
SITE BM 104



SITE BM 106



SITE BM 109



MODEL: Default
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USER NAME = lyanisch	DESIGNED - CJF	REVISED -
PLOT SCALE = 200'	DRAWN - DRP	REVISED -
PLOT DATE = 9/17/2024	CHECKED - MJR	REVISED -
	DATE - 9/17/2024	REVISED -

THEODORE STREET WIDEN AND RESURFACE

ALIGNMENT, TIES AND BENCHMARKS

JOLIET

ILLINOIS

SCALE: 1"=100'

SHEET 1 OF 1 SHEETS

STA. TO STA.

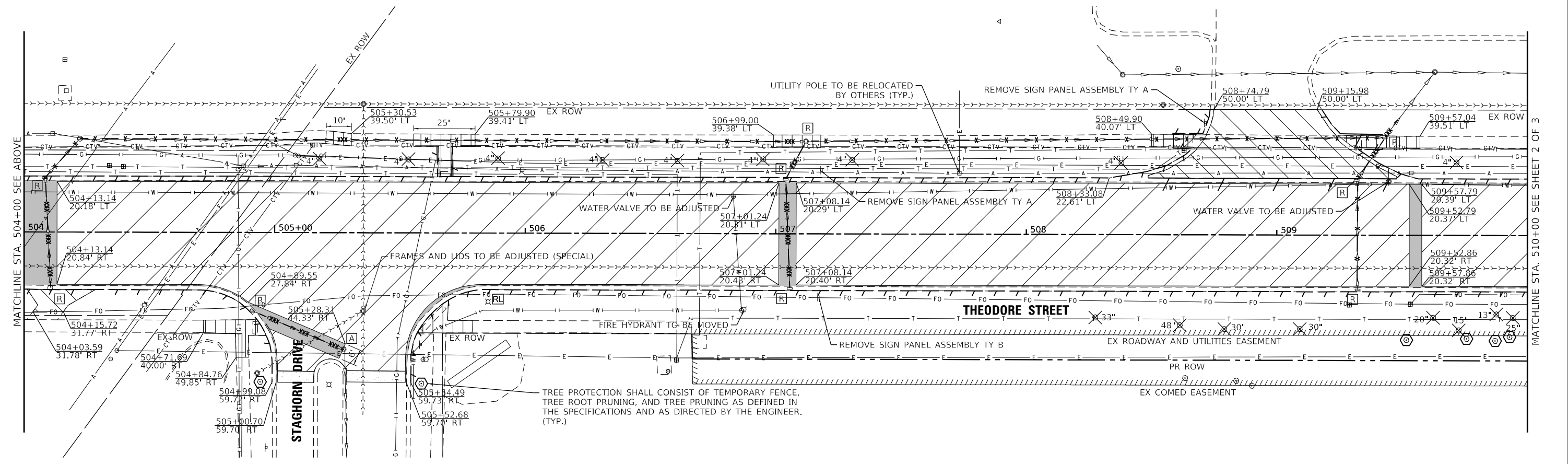
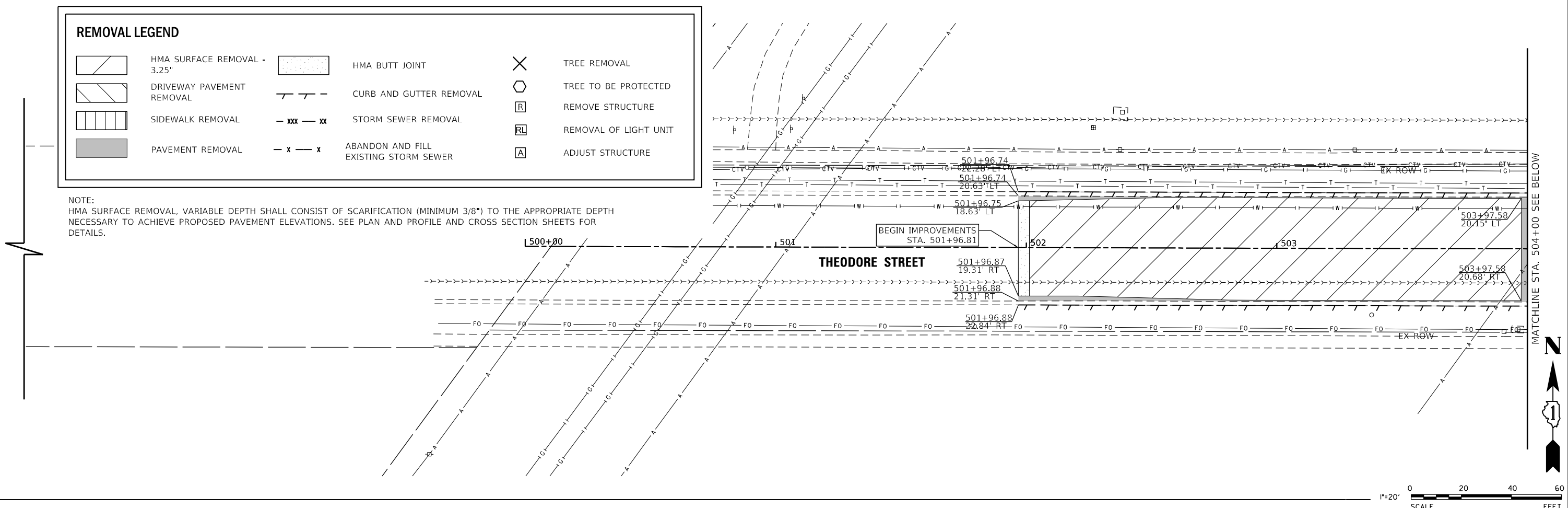
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
400	18-00515-01-WR	WILL	115	19
CONTRACT NO. 61K81				
ILLINOIS FED. AID PROJECT				

MATCHLINE STA. 529+50.00 SEE BELOW

REMOVAL LEGEND

- | | | | | | |
|--|-----------------------------|--|---------------------------------------|--|-----------------------|
| | HMA SURFACE REMOVAL - 3.25" | | HMA BUTT JOINT | | TREE REMOVAL |
| | DRIVEWAY PAVEMENT REMOVAL | | CURB AND GUTTER REMOVAL | | TREE TO BE PROTECTED |
| | SIDEWALK REMOVAL | | STORM SEWER REMOVAL | | REMOVE STRUCTURE |
| | PAVEMENT REMOVAL | | ABANDON AND FILL EXISTING STORM SEWER | | REMOVAL OF LIGHT UNIT |
| | | | ADJUST STRUCTURE | | |

NOTE:
HMA SURFACE REMOVAL, VARIABLE DEPTH SHALL CONSIST OF SCARIFICATION (MINIMUM 3/8") TO THE APPROPRIATE DEPTH NECESSARY TO ACHIEVE PROPOSED PAVEMENT ELEVATIONS. SEE PLAN AND PROFILE AND CROSS SECTION SHEETS FOR DETAILS.



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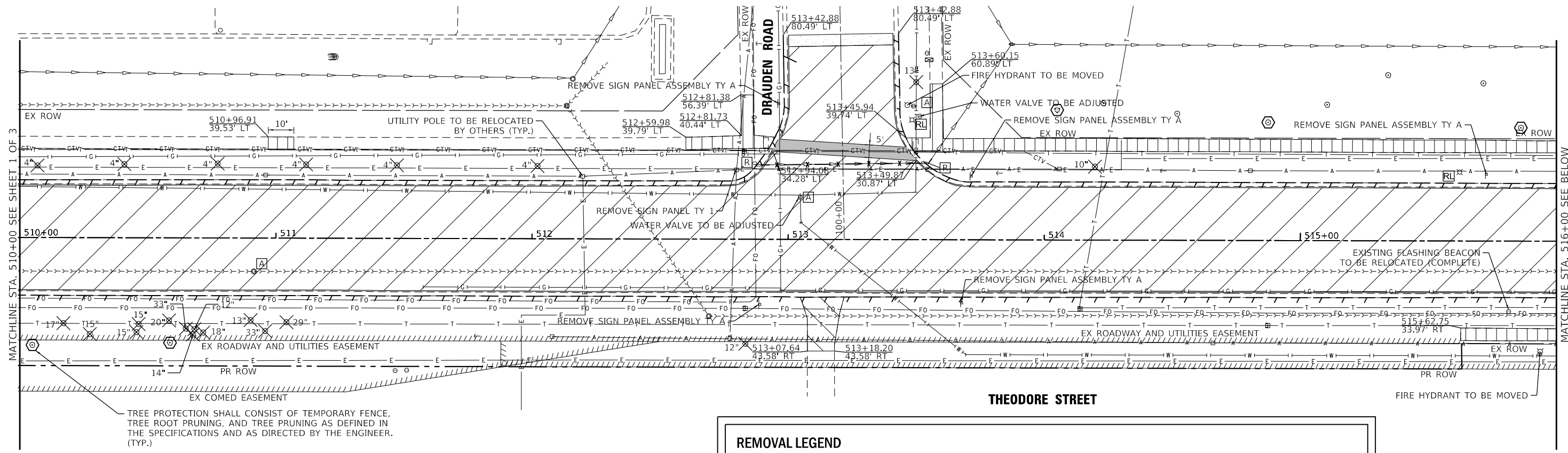
V3
V3 Companies
7325 Janes Avenue
Woodridge, IL 60517
630.724.9200 phone
630.724.9202 fax
www.v3co.com

USER NAME = lyanisch	DESIGNED - CJF	REVISED -
PLOT SCALE = 40'	DRAWN - DRP	REVISED -
PLOT DATE = 11/12/2024	CHECKED - MJR	REVISED -
	DATE - 9/17/2024	REVISED -

THEODORE STREET WIDEN AND RESURFACE

REMOVAL PLAN

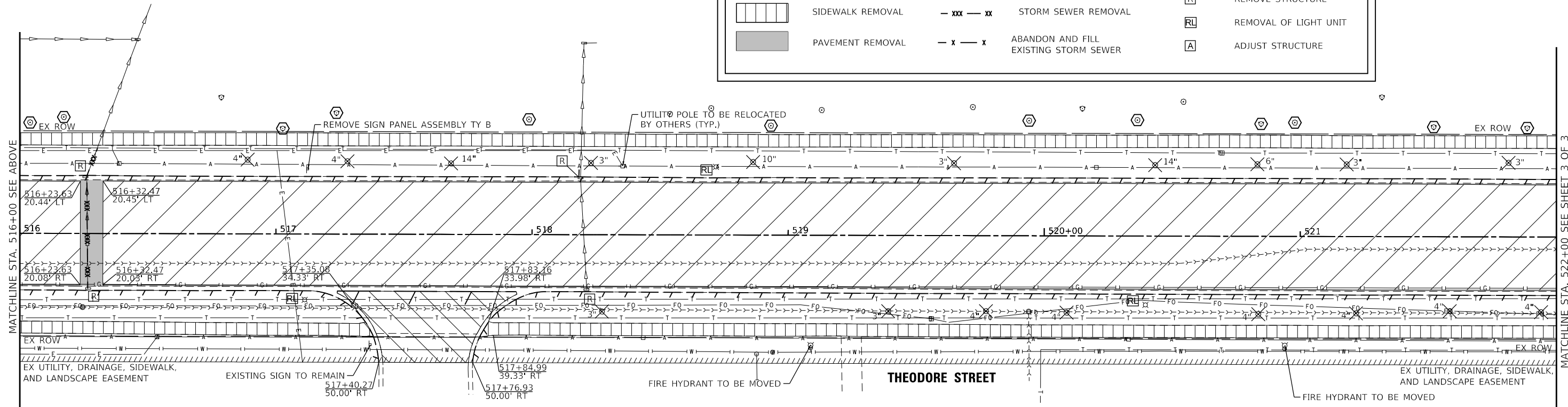
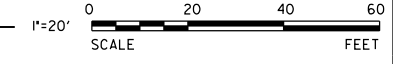
JOLIET	ILLINOIS	SCALE: 1"=20'	SHEET 1 OF 3 SHEETS	STA. 500+00.00 TO STA. 510+00.00	F.A.U. RTE. 400	SECTION 18-00515-01-WR	COUNTY WILL	TOTAL SHEETS 115	SHEET NO. 20	CONTRACT NO. 61K81	ILLINOIS FED. AID PROJECT
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TREE PROTECTION SHALL CONSIST OF TEMPORARY FENCE, TREE ROOT PRUNING, AND TREE PRUNING AS DEFINED IN THE SPECIFICATIONS AND AS DIRECTED BY THE ENGINEER. (TYP.)

REMOVAL LEGEND

	HMA SURFACE REMOVAL - 3.25"		HMA BUTT JOINT		TREE REMOVAL
	DRIVEWAY PAVEMENT REMOVAL		CURB AND GUTTER REMOVAL		TREE TO BE PROTECTED
	SIDEWALK REMOVAL		STORM SEWER REMOVAL		REMOVE STRUCTURE
	PAVEMENT REMOVAL		ABANDON AND FILL EXISTING STORM SEWER		REMOVAL OF LIGHT UNIT
			ADJUST STRUCTURE		

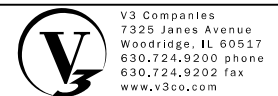


WILLIAM B ORENIC INTERMEDIATE SCHOOL

NOTE: HMA SURFACE REMOVAL, VARIABLE DEPTH SHALL CONSIST OF SCARIFICATION (MINIMUM 3/8") TO THE APPROPRIATE DEPTH NECESSARY TO ACHIEVE PROPOSED PAVEMENT ELEVATIONS. SEE PLAN AND PROFILE AND CROSS SECTION SHEETS FOR DETAILS.

THEODORE STREET WIDEN AND RESURFACE

REMOVAL PLAN



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USER NAME = lyanisch	DESIGNED - CJF	REVISED -
PLOT SCALE = 40'	DRAWN - DRP	REVISED -
PLOT DATE = 11/12/2024	CHECKED - MJR	REVISED -
	DATE - 9/17/2024	REVISED -

JOLIET ILLINOIS

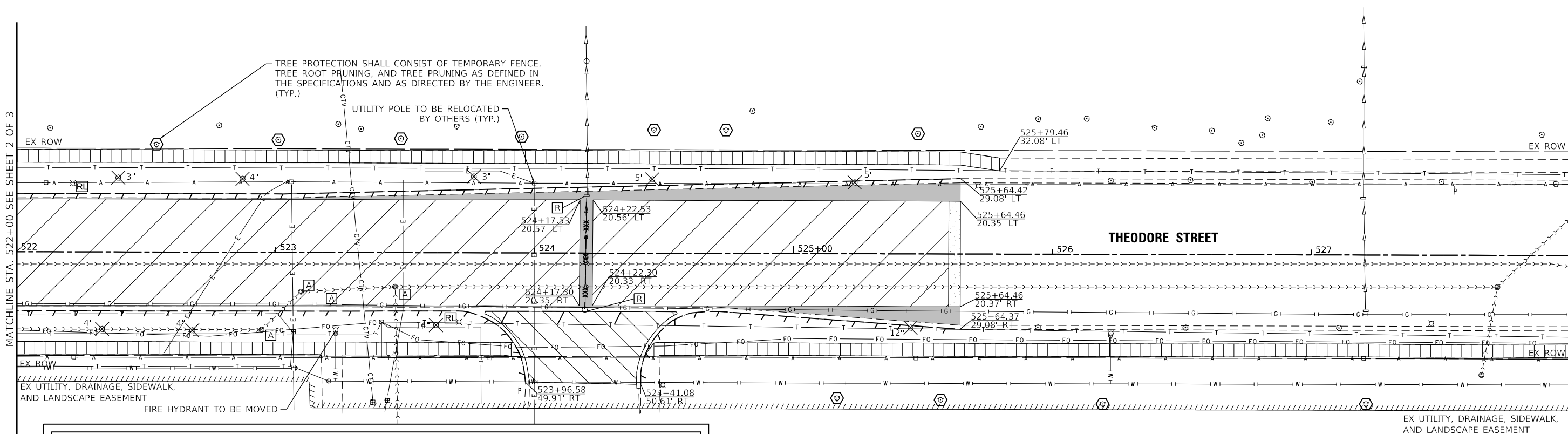
SCALE: 1"=20' SHEET 2 OF 3 SHEETS STA. 510+00.00 TO STA. 522+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
400	18-00515-01-WR	WILL	115	21
CONTRACT NO. 61K81				
ILLINOIS FED. AID PROJECT				

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MATCHLINE STA. 522+00 SEE SHEET 2 OF 3

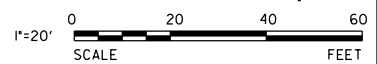
MATCHLINE STA. 528+00 SEE BELOW



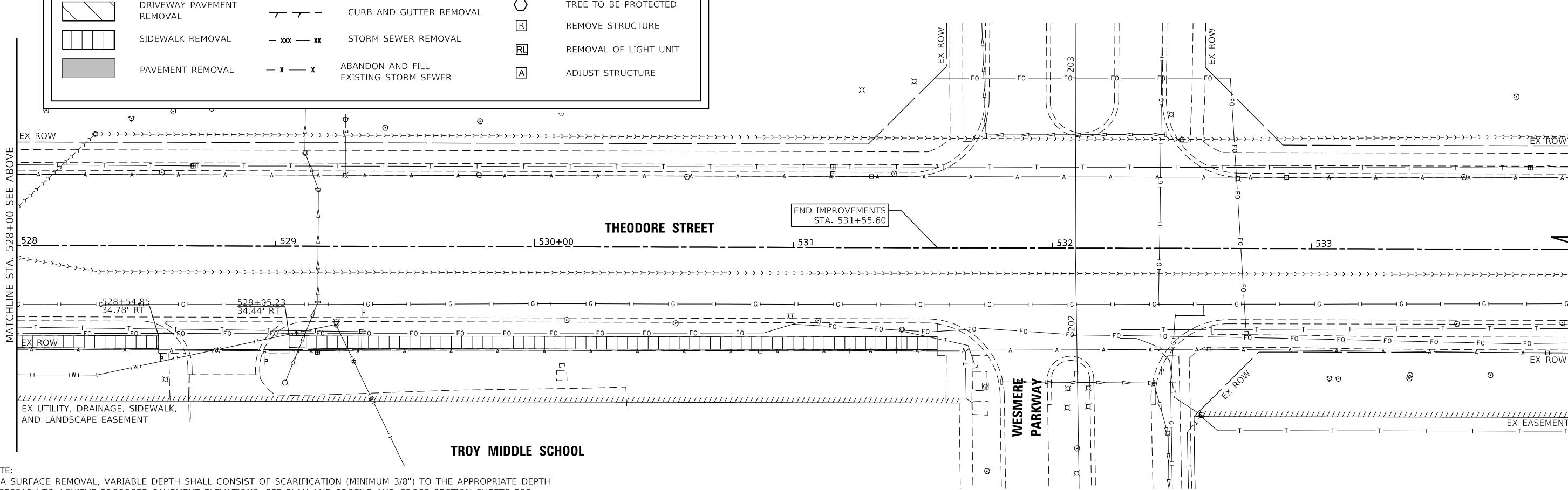
REMOVAL LEGEND

	HMA SURFACE REMOVAL - 3.25"		HMA BUTT JOINT		TREE REMOVAL
	DRIVEWAY PAVEMENT REMOVAL		CURB AND GUTTER REMOVAL		TREE TO BE PROTECTED
	SIDEWALK REMOVAL		STORM SEWER REMOVAL		REMOVE STRUCTURE
	PAVEMENT REMOVAL		ABANDON AND FILL EXISTING STORM SEWER		REMOVAL OF LIGHT UNIT
			ADJUST STRUCTURE		

TROY MIDDLE SCHOOL



MATCHLINE STA. 528+00 SEE ABOVE



TROY MIDDLE SCHOOL

NOTE:
HMA SURFACE REMOVAL, VARIABLE DEPTH SHALL CONSIST OF SCARIFICATION (MINIMUM 3/8") TO THE APPROPRIATE DEPTH NECESSARY TO ACHIEVE PROPOSED PAVEMENT ELEVATIONS. SEE PLAN AND PROFILE AND CROSS SECTION SHEETS FOR DETAILS.

THEODORE STREET WIDEN AND RESURFACE

REMOVAL PLAN



V3 Companies 7325 Janes Avenue Woodridge, IL 60517 630.724.9200 phone 630.724.9202 fax www.v3co.com	USER NAME = lyanisch	DESIGNED - CJF	REVISED -
	PLOT SCALE = 40'	DRAWN - DRP	REVISED -
	PLOT DATE = 11/12/2024	CHECKED - MJR	REVISED -
		DATE - 9/17/2024	REVISED -

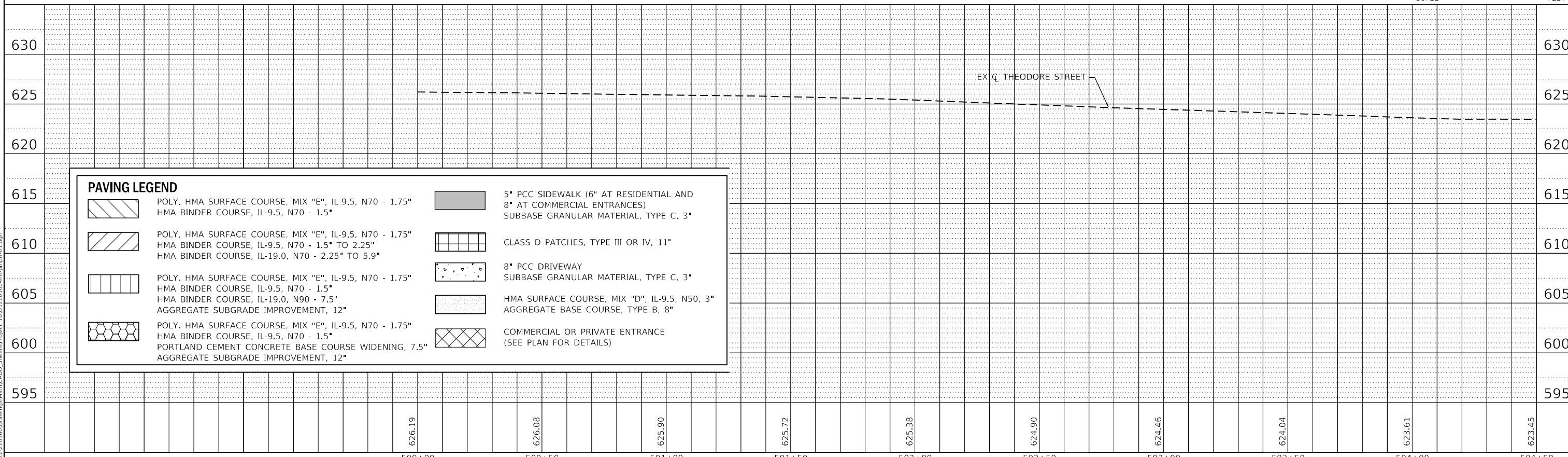
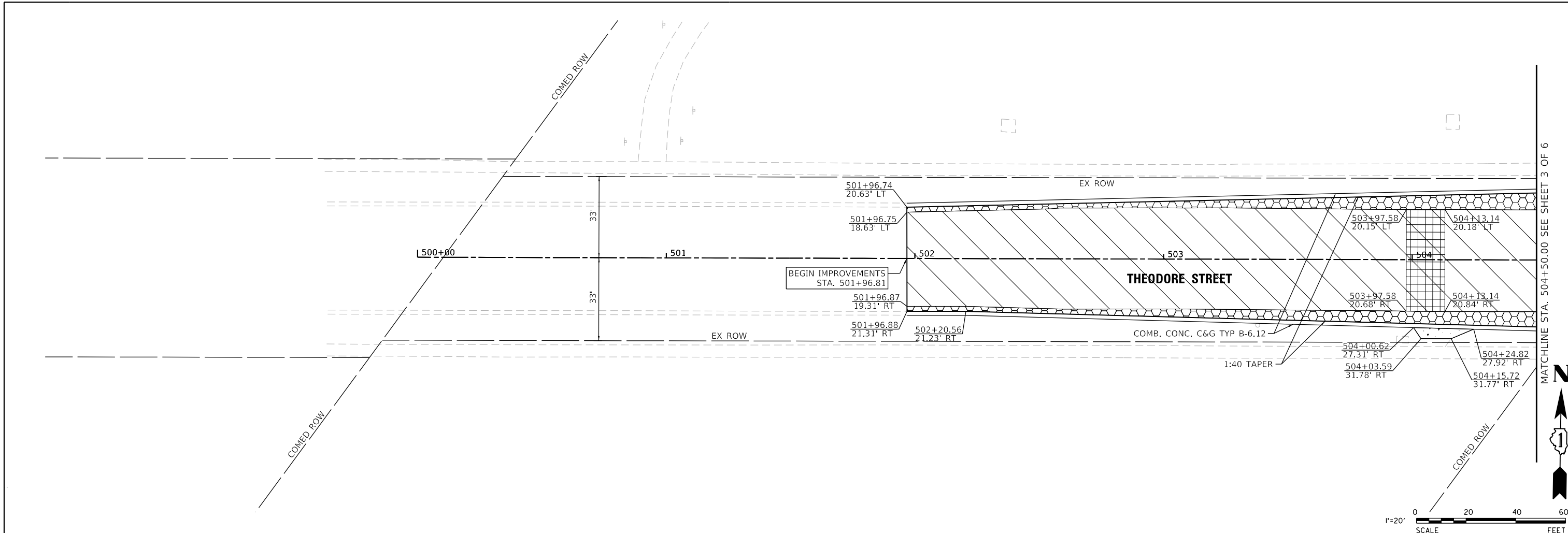
JOLIET

ILLINOIS

SCALE: 1"=20' SHEET 3 OF 3 SHEETS STA. 522+00.00 TO STA. 534+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
400	18-00515-01-WR	WILL	115	22
CONTRACT NO. 61K81				
ILLINOIS FED. AID PROJECT				

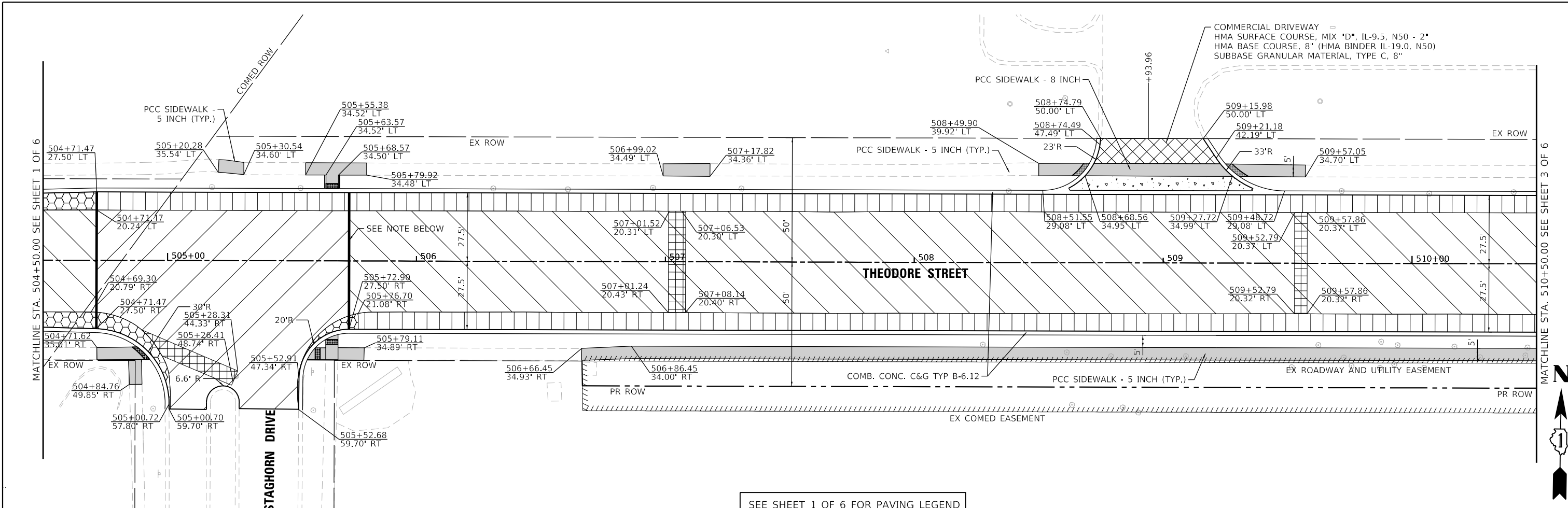
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PAVING LEGEND	
	POLY. HMA SURFACE COURSE, MIX "E", IL-9.5, N70 - 1.75" HMA BINDER COURSE, IL-9.5, N70 - 1.5"
	POLY. HMA SURFACE COURSE, MIX "E", IL-9.5, N70 - 1.75" HMA BINDER COURSE, IL-9.5, N70 - 1.5" TO 2.25" HMA BINDER COURSE, IL-19.0, N70 - 2.25" TO 5.9"
	POLY. HMA SURFACE COURSE, MIX "E", IL-9.5, N70 - 1.75" HMA BINDER COURSE, IL-9.5, N70 - 1.5" HMA BINDER COURSE, IL-19.0, N90 - 7.5" AGGREGATE SUBGRADE IMPROVEMENT, 12"
	POLY. HMA SURFACE COURSE, MIX "E", IL-9.5, N70 - 1.75" HMA BINDER COURSE, IL-9.5, N70 - 1.5" PORTLAND CEMENT CONCRETE BASE COURSE WIDENING, 7.5" AGGREGATE SUBGRADE IMPROVEMENT, 12"
	5" PCC SIDEWALK (6" AT RESIDENTIAL AND 8" AT COMMERCIAL ENTRANCES) SUBBASE GRANULAR MATERIAL, TYPE C, 3"
	CLASS D PATCHES, TYPE III OR IV, 11"
	8" PCC DRIVEWAY SUBBASE GRANULAR MATERIAL, TYPE C, 3"
	HMA SURFACE COURSE, MIX "D", IL-9.5, N50, 3" AGGREGATE BASE COURSE, TYPE B, 8"
	COMMERCIAL OR PRIVATE ENTRANCE (SEE PLAN FOR DETAILS)

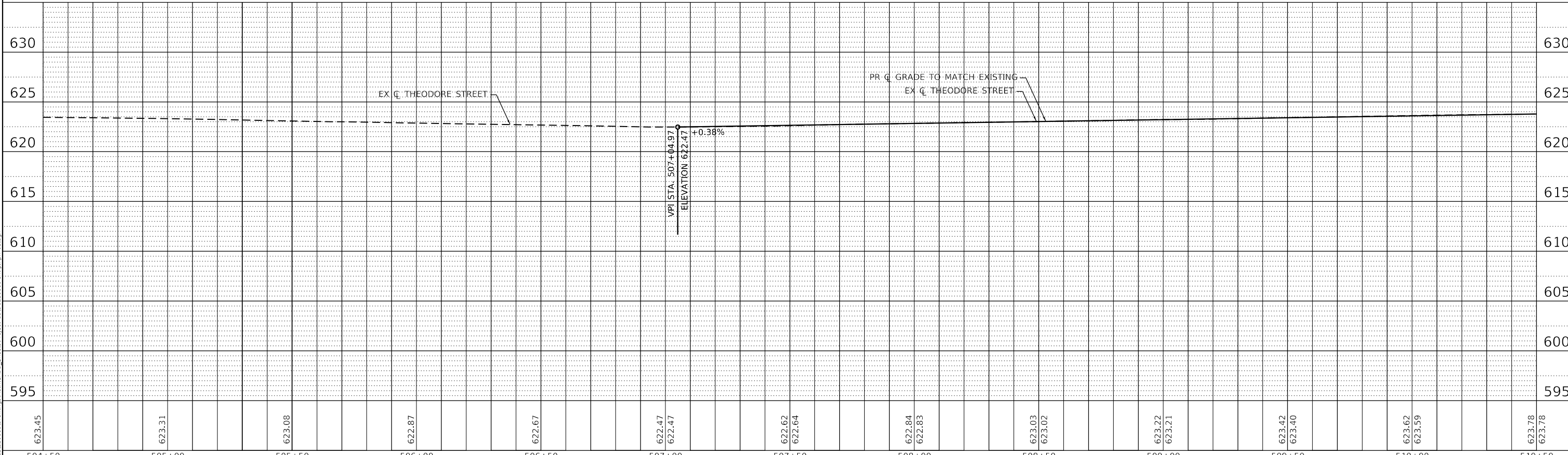
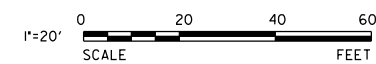
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	V3 Companies 7325 Janes Avenue Woodridge, IL 60517 630.724.9200 phone 630.724.9202 fax www.v3co.com	USER NAME = lyanisch DESIGNED - CJF DRAWN - DRP CHECKED - MJR DATE - 9/17/2024	REVISED - REVISED - REVISED - REVISED -	THEODORE STREET WIDEN AND RESURFACE	ROADWAY PLAN AND PROFILE	F.A.U. RTE. 400 SECTION 18-00515-01-WR COUNTY WILL CONTRACT NO. 61K81	TOTAL SHEETS 115 SHEET NO. 23
	ILLINOIS SCALE: 1"=20' SHEET 1 OF 6 SHEETS STA. 500+00.00 TO STA. 504+50.00				ILLINOIS FED. AID PROJECT		
	JOLIET						
	JOLIET ILLINOIS						



NOTE:
FROM STA. 504+71.47 TO STA. 505+72.90, HMA BINDER COURSE IL-19.0, N70 VARIES 2.25" TO 4.0"

SEE SHEET 1 OF 6 FOR PAVING LEGEND



623.45	623.31	623.08	622.87	622.67	622.47	622.47	622.62	622.64	622.84	622.83	623.03	623.02	623.22	623.21	623.42	623.40	623.62	623.59	623.78	623.78
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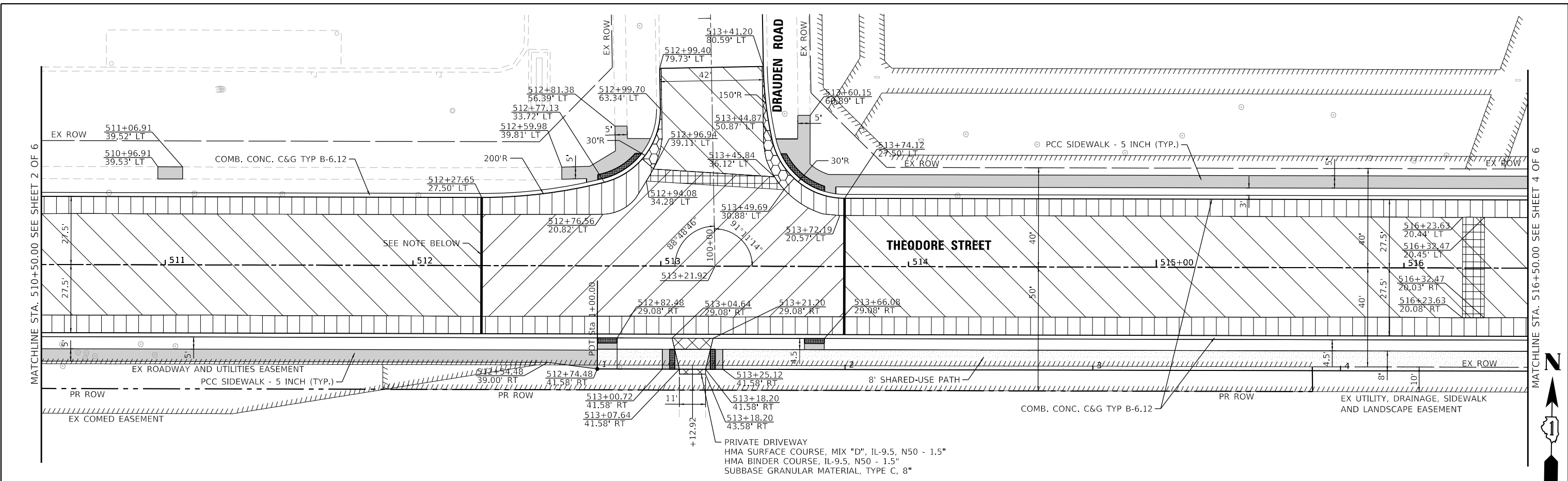
THEODORE STREET WIDEN AND RESURFACE

ROADWAY PLAN AND PROFILE

V3 Companies
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Woodridge, IL 60517
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630.724.9202 fax
www.v3co.com

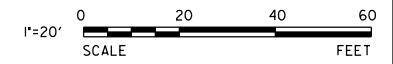
USER NAME = lyanisch	DESIGNED - CJF	REVISED -
DRAWN - DRP	REVISED -	
CHECKED - MJR	REVISED -	
DATE - 9/17/2024	REVISED -	

JOLIET	ILLINOIS	SCALE: 1"=20"	SHEET 2 OF 6 SHEETS	STA. 504+50.00 TO STA. 510+50.00	F.A.U. RTE. 400	SECTION 18-00515-01-WR	COUNTY WILL	TOTAL SHEETS 115	SHEET NO. 24	CONTRACT NO. 61K81	ILLINOIS FED. AID PROJECT
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NOTE:
FROM STA. 512+27.65 TO STA. 513+74.12, HMA BINDER COURSE IL-19.0, N70 VARIES 2.25" TO 5.8"

SEE SHEET 1 OF 6 FOR PAVING LEGEND



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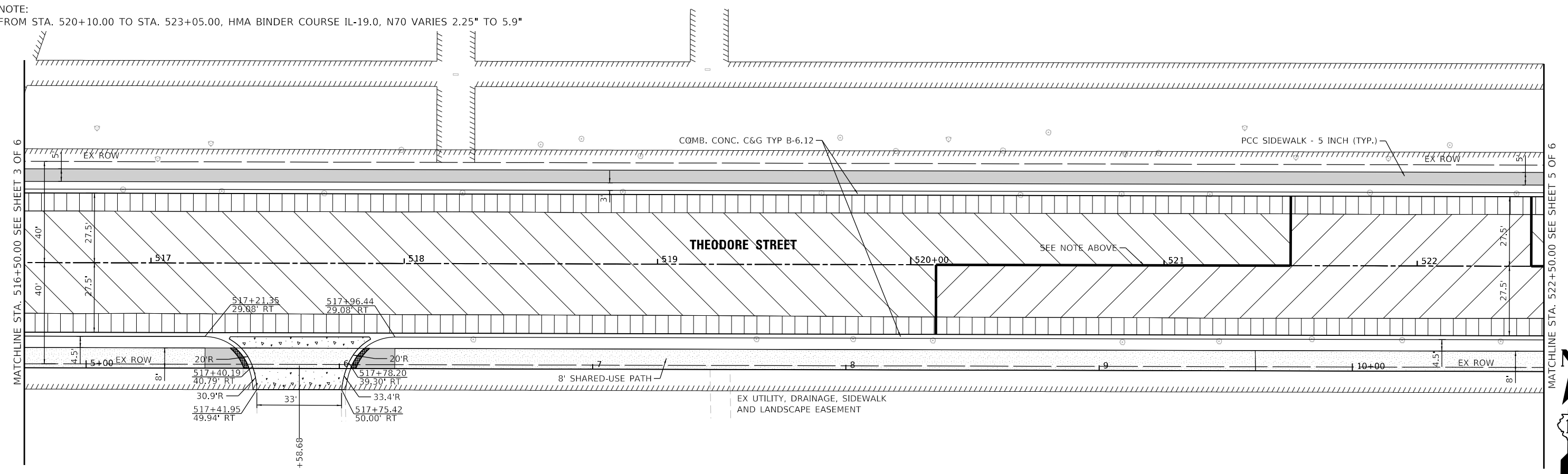
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510+50	511+00	511+50	512+00	512+50	513+00	513+50	514+00	514+50	515+00	515+50	516+00	516+50

V3 Companies 7325 Janes Avenue Woodridge, IL 60517 630.724.9200 phone 630.724.9202 fax www.v3co.com	USER NAME = lyanisch	DESIGNED - CJF	REVISED -
	PLOT SCALE = 40'	CHECKED - MJR	REVISED -
	PLOT DATE = 11/12/2024	DATE - 9/17/2024	REVISED -

THEODORE STREET WIDEN AND RESURFACE		ROADWAY PLAN AND PROFILE	
ILLINOIS		SCALE: 1"=20"	
JOLIET		SHEET 3 OF 6 SHEETS	
ILLINOIS		STA. 510+50.00 TO STA. 516+50.00	

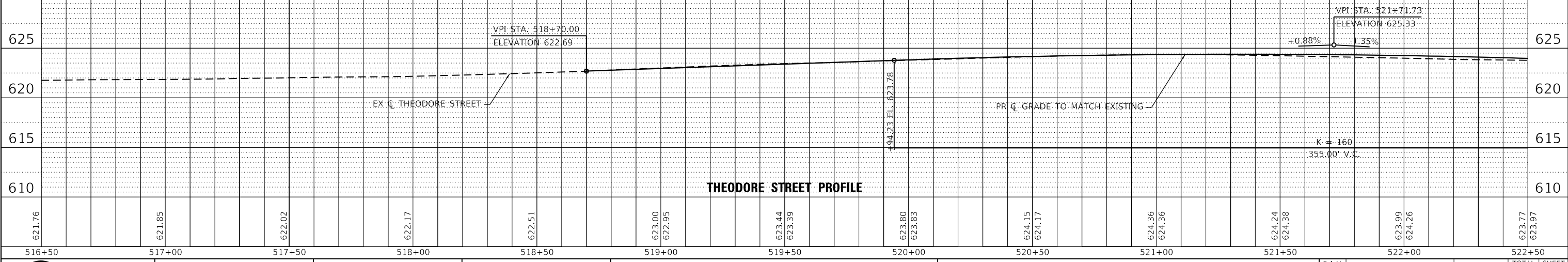
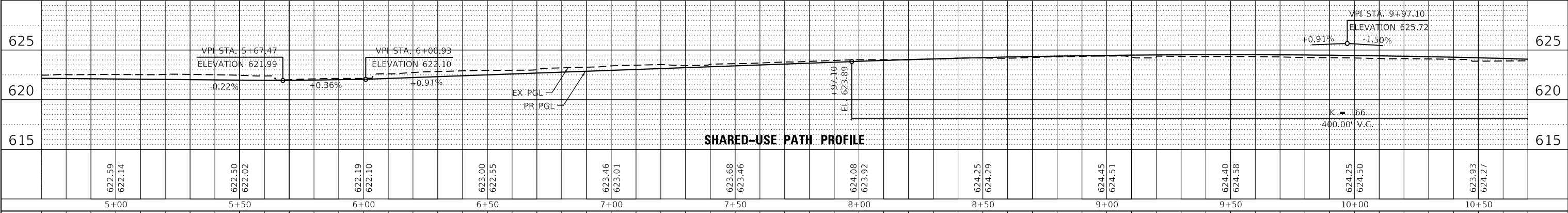
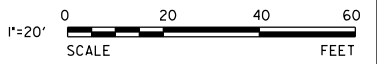
F.A.U. RTE. 400	SECTION 18-00515-01-WR	COUNTY WILL	TOTAL SHEETS 115	SHEET NO. 25
CONTRACT NO. 61K81				
ILLINOIS FED. AID PROJECT				

NOTE:
FROM STA. 520+10.00 TO STA. 523+05.00, HMA BINDER COURSE IL-19.0, N70 VARIES 2.25" TO 5.9"



WILLIAM B ORENIC INTERMEDIATE SCHOOL

SEE SHEET 1 OF 6 FOR PAVING LEGEND



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V3
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7325 Janes Avenue
Woodridge, IL 60517
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630.724.9202 fax
www.v3co.com

USER NAME = lyanisch
PLOT SCALE = 40'
PLOT DATE = 9/17/2024

DESIGNED - CJF
DRAWN - DRP
CHECKED - MJR
DATE - 9/17/2024

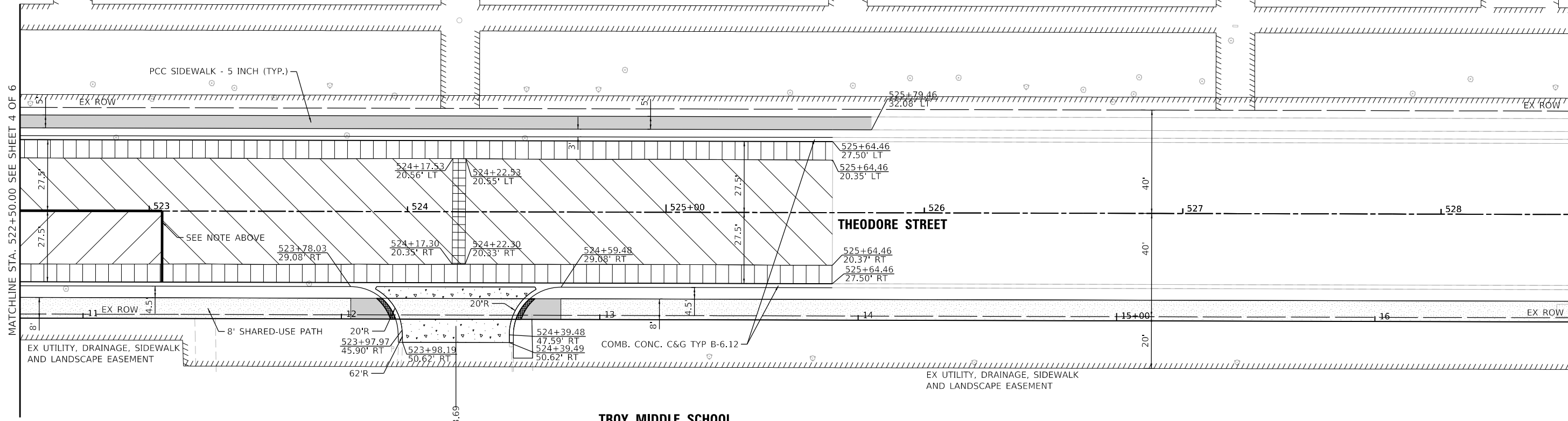
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THEODORE STREET WIDEN AND RESURFACE
JOLIET ILLINOIS

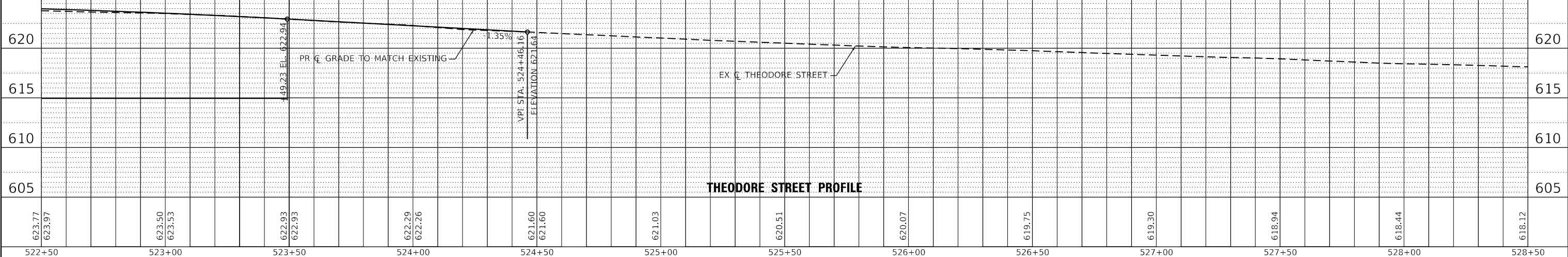
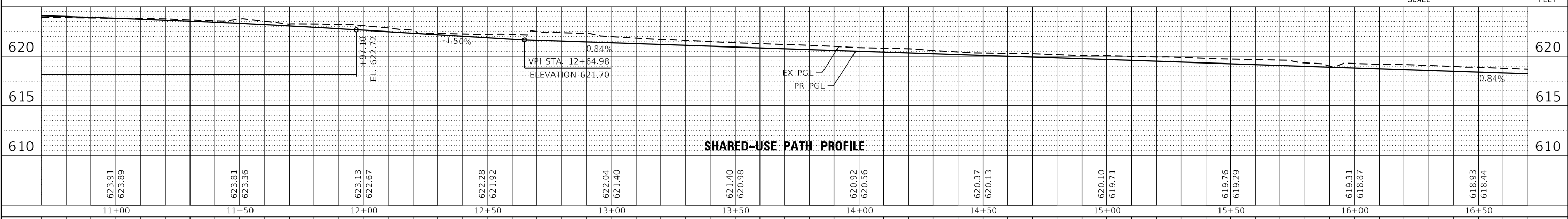
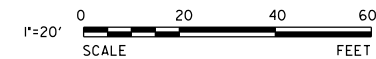
ROADWAY PLAN AND PROFILE
SCALE: 1"=20'
SHEET 4 OF 6 SHEETS
STA. 516+50.00 TO STA. 522+50.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
400	18-00515-01-WR	WILL	115	26
CONTRACT NO. 61K81				
ILLINOIS		FED. AID PROJECT		

NOTE:
FROM STA. 520+10.00 TO STA. 523+05.00, HMA BINDER COURSE IL-19.0, N70 VARIES 2.25" TO 5.9"



SEE SHEET 1 OF 6 FOR PAVING LEGEND



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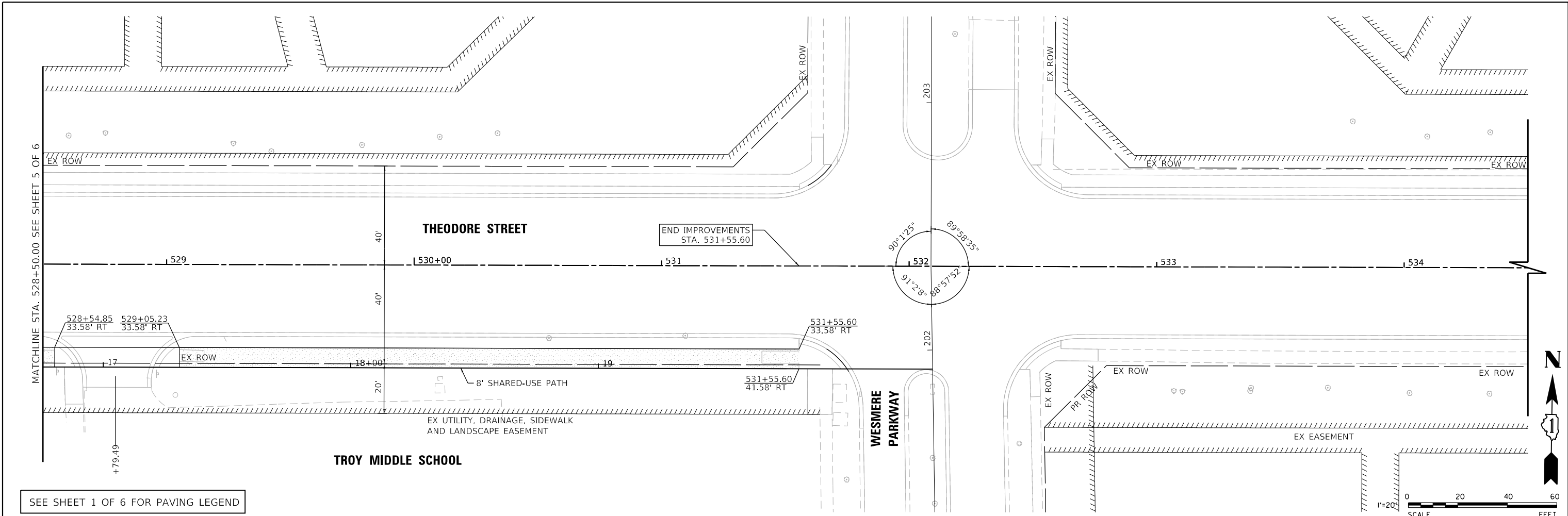
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USER NAME = lyanisch	DESIGNED - CJF	REVISED -
PLOT SCALE = 40'	DRAWN - DRP	REVISED -
PLOT DATE = 9/17/2024	CHECKED - MJR	REVISED -
	DATE - 9/17/2024	REVISED -

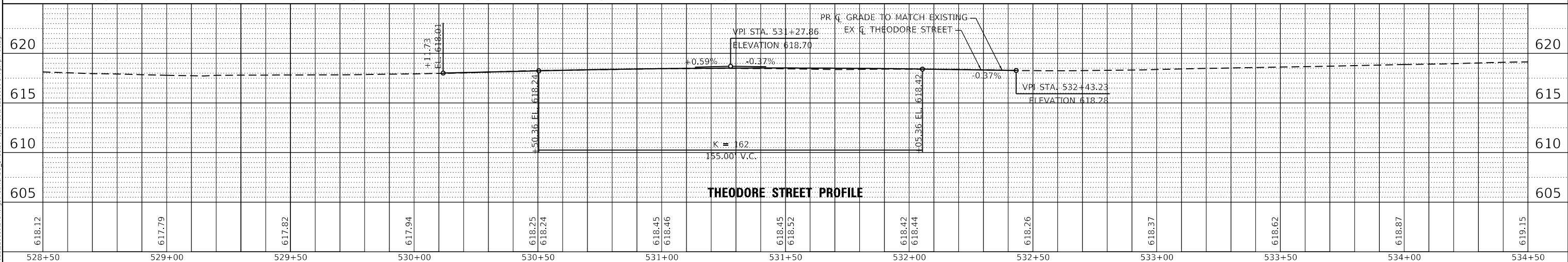
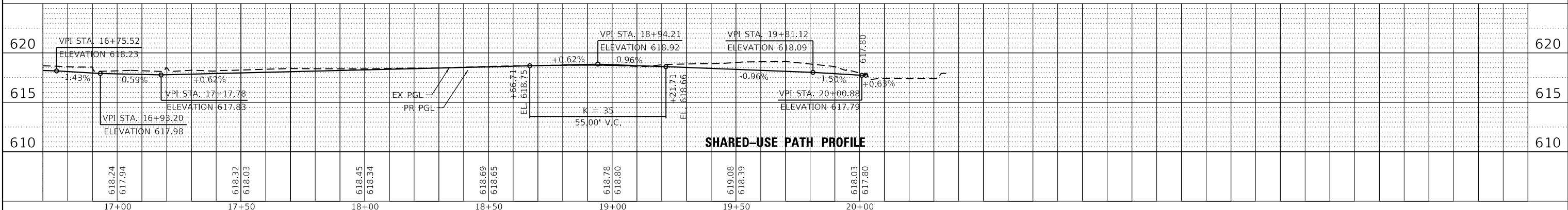
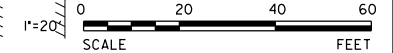
THEODORE STREET WIDEN AND RESURFACE

ROADWAY PLAN AND PROFILE

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
400	18-00515-01-WR	WILL	115	27
CONTRACT NO. 61K81				
ILLINOIS		FED. AID PROJECT		



SEE SHEET 1 OF 6 FOR PAVING LEGEND



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USER NAME = lyanisch
 PLOT SCALE = 40'
 PLOT DATE = 9/17/2024

DESIGNED - CJF	REVISED -
DRAWN - DRP	REVISED -
CHECKED - MJR	REVISED -
DATE - 9/17/2024	REVISED -

THEODORE STREET WIDEN AND RESURFACE

JOLIET

ILLINOIS

ROADWAY PLAN AND PROFILE

SCALE: 1"=20"

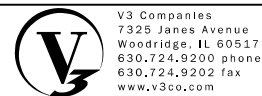
SHEET 6 OF 6 SHEETS STA. 528+50.00 TO STA. 534+50.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
400	18-00515-01-WR	WILL	115	28
CONTRACT NO. 61K81				
ILLINOIS		FED. AID PROJECT		

MAINTENANCE OF TRAFFIC NOTES

1. TYPE I OR II BARRICADES AND VERTICAL PANELS SHALL BE PLACED AT A MAXIMUM OF 50 FOOT INTERVALS ALONG THE PROPOSED WORK ZONE, 25 FOOT INTERVALS IN TAPER SECTIONS, AND 10 FOOT INTERVALS AROUND RADII AS SHOWN ON THE PLANS OR AS DIRECTED BY THE ENGINEER. BARRICADES WITH LEG EXTENSIONS SHALL BE USED WHERE NEEDED TO PROVIDE A MINIMUM DISTANCE OF 36" BETWEEN THE PAVEMENT AND TOP OF BARRICADE. BARRICADE IN TAPER SECTIONS SHALL HAVE DIRECTION INDICATOR PANELS.
2. THE CONTRACTOR SHALL MAINTAIN ACCESS TO ALL PROPERTIES AND SIDE ROADS DURING CONSTRUCTION OPERATIONS. A QUANTITY OF "AGGREGATE FOR TEMPORARY ACCESS" HAS BEEN INCLUDED IN THE CONTRACT FOR THIS PURPOSE.
3. ADVANCE WARNING SIGNS SHALL BE MAINTAINED THROUGH ALL STAGES OF CONSTRUCTION.
4. THE CONTRACTOR SHALL INFORM THE ENGINEER OF ANY CHANGE IN STAGING AT LEAST SEVEN (7) WORKING DAYS IN ADVANCE AND SHALL PROVIDE CHANGEABLE MESSAGE SIGNS FOR THE STAGE CHANGE.
5. THE CONTRACTOR SHALL NOTIFY ALL MUNICIPALITIES, EMERGENCY SERVICES, AND SCHOOL DISTRICTS THAT WILL BE AFFECTED BY ANY ROAD CLOSURES OR DETOURS 72 HOURS PRIOR TO THEIR IMPLEMENTATION.
6. SHORT TERM PAVEMENT MARKING SHALL BE USED AFTRE BINDER COURSE AND SURFACE COURSE. ONCE FINAL STRIPING ON THE SURFAC COURSE IS INSTALLED THE SHORT TERM PAVEMENT MARKING SHALL BE REMOVED USING SHORT TERM PAVEMENT MARKING REMOVAL.
7. THE CONTRACTOR SHALL MAINTAIN DRAINAGE OF THE ROADWAY DURING ALL STAGES OF CONSTRUCTION.
8. TYPE III BARRICADES ARE TO BE PLACED IN ACCORDANCE WITH STANDARD 701901-08 UNLESS AUTHORIZED BY THE ENGINEER TO USE AN ALTERNATE ARRANGEMENT. BARRICADES ARE TO BE INCLUDED IN THE COST OF THE APPROPRIATE TRAFFIC CONTROL AND PROTECTION PAY ITEMS. ALL TYPE III BARRICADES SHALL HAVE TWO (2) FLASHING AMBER LIGHTS.
9. THE FIRST TWO WARNING SIGNS IN EACH DIRECTION OF TRAVEL SHALL BE EQUIPPED WITH HIGH-INTENSITY MONO-DIRECTIONAL AMBER FLASHING LIGHTS DURING HOURS OF DARKNESS. FLAGS ARE OPTIONAL.
10. "WORKERS" SIGNS SHALL ONLY BE ERECTED WHEN WORKERS ARE PRESENT. SIGNS MUST BE COVERED OR REMOVED WHEN NO WORKERS ARE PRESENT FOR MORE THAN ONE HOUR.
11. TEMPORARY PAVEMENT MARKING TAPE SHALL BE USED ON ALL SURFACES OUTSIDE OF THE RESURFACING LIMITS AND ON FINISHED PAVEMENT. THIS WORK SHALL BE PAID FOR AS PAVEMENT MARKING TAPE, TYPE IV OF THE SIZE SPECIFIED.
12. A QUANTITY FOR "CHANGEABLE MESSAGE SIGN" HAS BEEN INCLUDED FOR USE WHEN DIRECTED BY THE ENGINEER.
13. FLAGGERS MUST BE CERTIFIED AND CARRY THEIR CERTIFICATION CARD ON THEM WHEN WORKING. PROPER STOP/SLOW PADDLES MUST BE UTILIZED AND ALL REQUIRED SAFETY GARMENTS MUST BE WORN ON THE JOB SITE. "FLAGGER" WARNING SIGNS MUST BE IN PLACE WHENEVER FLAGGERS ARE PRESENT. THESE SIGNS MUST BE COVERED OR REMOVED WHEN NOT APPLICABLE.
14. "CAUTION" TAPE OR RIBBON IS NOT TO BE USED BETWEEN BARRICADES.
15. QUANTITY FOR TEMPORARY PAVEMENT (VARIABLE DEPTH) HAS BEEN INCLUDED IN THE CONTRACT TO BE INSTALLED AS DIRECTED BY THE ENGINEER DURING CONSTRUCTION. IF THIS ITEM IS NOT NEEDED THEN THE QUANTITY SHALL BE DEDUCTED AND NO ADDITIONAL COMPENSATION WILL BE DUE TO THE CONTRACTOR.
16. ANY DROP OFF GREATER THEN THREE (3) INCHES WITHIN SIXTEEN (16 FEET OF A TRAVEL LANE SHALL BE PROTECTED BY TYPE I OR TYPE II BARRICADES, DRUMS OR VERTICAL PANELS WITH MONODIRECTIONAL STEADY-BURN LIGHTS AT 50 FOOT (MAXIMUM) CENTER TO CENTER SPACING, IF THE DROP OFF IS GREATER THAN TWENTY-FOUR (24) INCHES AND EXISTS FOR LONGER THAN 24 HOURS, IT SHALL BE PROTECTED BY TEMPORARY CONCRETE BARRIER. TEMPORARY CONCRETE BARRIER SHALL HAVE MONODIRECTIONAL STEADY-BURN LIGHTS AT 50 FOOT (MAXIMUM) CENTER TO CENTER SPACING. THE CONTRACTOR SHALL SCHEDULE HIS WORK AND OPERATIONS SUCH THAT A DROP OFF OF GREATER THAN 24 INCHES DOES NOT REMAIN WITHIN SIXTEEN FEET OF A TRAVEL LANE FOR MORE THAN 24 HOURS. THE CONTRACTOR MAY PLACE COMPACTED EXCAVATED MATERIAL, AGGREGATE, OR OTHER MATERIAL IN THE DROP OFF TO SATISFY THIS REQUIREMENT. THE PLANS INDICATE AREAS (IF ANY) IN WHICH THE DEPARTMENT EXPECTS THAT TEMPORARY CONCRETE BARRIER WILL BE REQUIRED FOR A DROP OFF OF GREATER IMPACT ATTENUATORS NOT SHOWN ON THE PLANS BUT REQUIRED IN ORDER TO MEET THESE REQUIREMENTS, SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE FOR TRAFFIC CONTROL AND PROTECTION (SPECIAL)
17. TYPE I OR TYPE II BARRICADES SHALL BE REQUIRED AT ALL OPEN TRENCHES, EXCAVATIONS, OPEN OR EXPOSED SEWER STRUCTURES, TRANSVERSE PAVEMENT JOINTS, MATERIALS OR EQUIPMENT WITHIN THE RIGHT-OF-WAY (NUMBER AND SPACING DEPENDS ON THE CONDITIONS); AND AT LOCATIONS DESIGNATED BY THE ENGINEER OR LOCAL LAW ENFORCEMENT AGENCIES.
18. TYPE I, II, AND / OR III BARRICADES WILL BE REQUIRED TO GUIDE TRAFFIC AWAY FROM PAVEMENT AREAS CLOSED FOR CONSTRUCTION.
19. THE COST OF SUPPLYING, ERECTING, AND MAINTAINING BARRICADES, WARNING LIGHTS, AND SIGNS WILL BE INCLUDED IN THE COST OF THE APPROPRIATE TRAFFIC CONTROL AND PROTECTION PAY ITEMS.
20. WHEN REQUIRED, TRAFFIC SIGNS SHALL BE RELOCATED FROM EACH STAGE OF CONSTRUCTION, THIS COST WILL BE INCLUDED IN THE COST OF THE APPROPRIATE TRAFFIC CONTROL AND PROTECTION PAY ITEMS.
21. WHERE SIDEWALK IS TO BE CLOSED AND PEDESTRIANS REROUTED. THE CONTRACTOR TO FOLLOW IDOT HIGHWAY STANDARD 701801-06 TO INSTALL SIGNANGE AND BARRICADES TO REDIRECT PEDESTRIANS.

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 7325 Janes Avenue
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USER NAME = ljanisch	DESIGNED - CJF	REVISED -
	DRAWN - DRP	REVISED -
PLOT SCALE = 20'	CHECKED - MJR	REVISED -
PLOT DATE = 9/17/2024	DATE - 9/17/2024	REVISED -

THEODORE STREET WIDEN AND RESURFACE

MAINTENANCE OF TRAFFIC GENERAL NOTES

JOLIET

ILLINOIS

SCALE: NONE




SHEET 1 OF 1 SHEETS

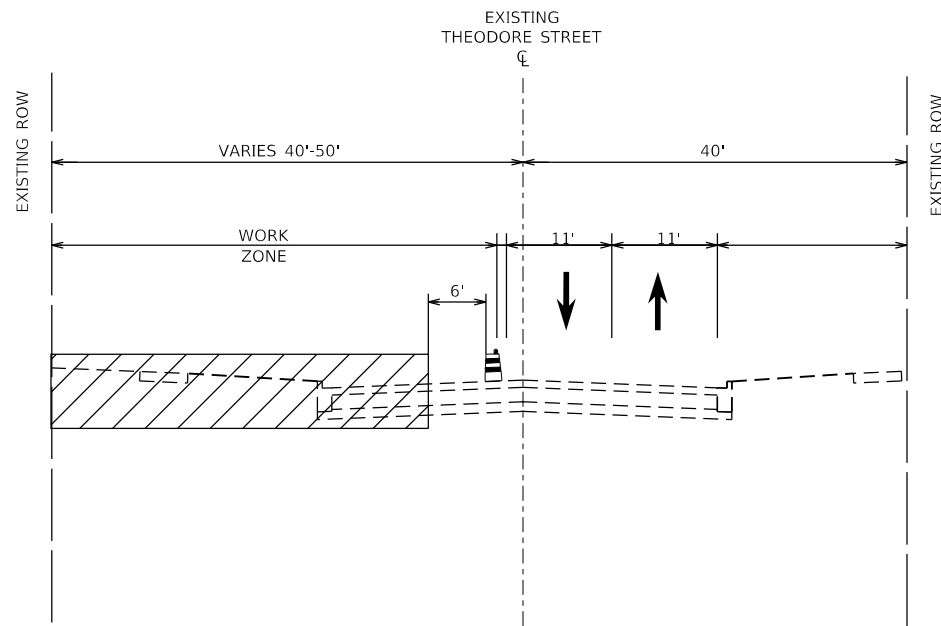
STA.

TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
400	18-00515-01-WR	WILL	115	29
CONTRACT NO. 61K81				
		ILLINOIS	FED. AID PROJECT	

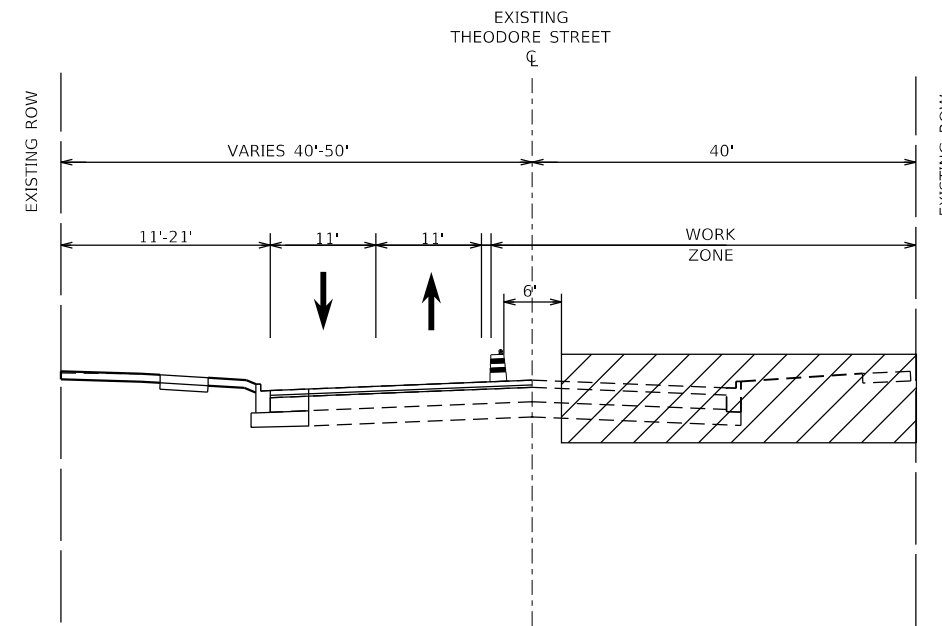
MOT SYMBOL LEGEND

-  STAGE PAVEMENT WORK AREA
-  DIRECTION OF TRAFFIC
-  TYPE II BARRICADES OR DRUMS WITH STEADY BURNING LIGHTS AT 50 FT CENTERS UNLESS OTHERWISE NOTED



**SUGGESTED STAGE 1 TYPICAL SECTION
THEODORE STREET**

STA 500+89.00 TO STA 525+64.46



**SUGGESTED STAGE 2 TYPICAL SECTION
THEODORE STREET**

STA 501+89.00 TO STA 525+64.46

STAGE 1 CONSTRUCTION NOTES

1. STAGE 1 FOR THEODORE STREET SHALL CONSIST OF THE REMOVAL OF CURB & GUTTER, EXISTING LIGHTING, AND TOPSOIL/VEGETATION ALONG THE NORTH SIDE OF THEODORE STREET. THE CONTRACTOR THEN SHALL CONSTRUCT THE OUTSIDE LANE ALONG WITH NEW TOPSOIL AND SIDEWALK. PROPOSED STORM SEWER TRUNK LINE AND STORM SEWER LATERALS SHALL BE INSTALLED TO THE CENTER OF THE EXISTING ROAD. LANE CLOSURE PER HIGHWAY STANDARD 701606 AND 701611. FLAGGERS SHALL BE USED AS NEEDED.
2. THE CONTRACTOR SHALL CONSTRUCT THE NORTH SIDE OF THE PAVEMENT ALONG THEODORE STREET UP TO THE HOT-MIX ASPHALT BINDER.
3. THE CONTRACTOR SHALL POUR THE TRAFFIC SIGNAL FOUNDATIONS AND INSTALL CONDUIT FOR THE NORTH SIDE OF THEODORE STREET IN THIS STAGE.
4. ALL WORK SHALL BE PERFORMED WITH DAILY LANE CLOSURES AND FOLLOW IDOT HIGHWAY STANDARD 701606 AND 701611. THE ROADWAY IS TO BE COMPLETELY OPEN TO TWO-WAY TRAFFIC AT THE END OF EACH WORK DAY DURING THIS STAGE. ANY HOLES OR DROP-OFFS SHALL BE FILLED AT THE END OF EACH WORK DAY. IF A LONGER CLOSURE IS REQUIRED CONTRACTOR IS TO COORDINATE WITH THE RESIDENT ENGINEER AND THE CITY AND PROVIDE A TRAFFIC MANAGEMENT PLAN TO REFLECT THE CHANGE. THE SECTIONS ON THIS PAGE ARE THE SUGGESTED CLOSURE CONFIGURATIONS.

STAGE 2 CONSTRUCTION NOTES

1. STAGE 2 FOR THEODORE STREET SHALL CONSIST OF THE REMOVAL OF CURB & GUTTER AND TOPSOIL/VEGETATION ALONG THE SOUTH SIDE OF THEODORE STREET. THE CONTRACTOR SHALL CONSTRUCT THE OUTSIDE LANE ALONG WITH NEW TOPSOIL/SIDEWALK/MULTI-USE PATH. PROPOSED STORM SEWER TRUNK LINE AND STORM LATERALS SHALL BE INSTALLED TO CONNECT INTO EXISTING OR PREVIOUSLY INSTALLED SEWER. LANE CLOSURES SHALL BE PER HIGHWAY STANDARD 701606 AND 701611. FLAGGERS SHALL BE USED AS NEEDED.
2. THE CONTRACTOR SHALL INSTALL THE PROPOSED LIGHTING DURING THIS STAGE.
3. ANY REMAINING TRAFFIC SIGNAL ITEMS SHALL BE INSTALLED AT THE INTERSECTION OF THEODORE STREET AND DRAUDEN ROAD.
4. ALL WORK SHALL BE PERFORMED WITH DAILY LANE CLOSURES AND FOLLOW IDOT HIGHWAY STANDARD 701606 AND 701611. THE ROADWAY IS TO BE COMPLETELY OPEN TO TWO-WAY TRAFFIC AT THE END OF EACH WORK DAY DURING THIS STAGE. ANY HOLES OR DROP-OFFS SHALL BE FILLED AT THE END OF EACH WORK DAY. IF A LONGER CLOSURE IS REQUIRED CONTRACTOR IS TO COORDINATE WITH THE RESIDENT ENGINEER AND THE CITY AND PROVIDE A TRAFFIC MANAGEMENT PLAN TO REFLECT THE CHANGE. THE SECTIONS ON THIS PAGE ARE THE SUGGESTED CLOSURE CONFIGURATIONS.

STAGE 3 CONSTRUCTION NOTES

1. DURING THIS FINAL STAGE CONTRACTOR SHALL USE DAILY LANE CLOSURES IN ORDER TO MILL THE EXISTING PAVEMENT AND PAVE THE PROPOSED HMA BINDER AND SURFACE
2. INSTALL PROPOSED PAVEMENT MARKING AND SIGNAGE.
3. SIGNAL TURN-ON SHALL OCCUR DURING THIS STAGE.
4. ANY LANDSCAPING NOT COMPLETED IN PREVIOUS STAGES SHALL BE FINALIZED IN THIS STAGE.

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USER NAME = lyanisch	DESIGNED - CJF	REVISED -
PLOT SCALE = 20'	DRAWN - DRP	REVISED -
PLOT DATE = 9/17/2024	CHECKED - MJR	REVISED -
	DATE - 9/17/2024	REVISED -

DESIGNED - CJF	REVISED -
DRAWN - DRP	REVISED -
CHECKED - MJR	REVISED -
DATE - 9/17/2024	REVISED -

THEODORE STREET WIDEN AND RESURFACE

MAINTENANCE OF TRAFFIC TYPICAL SECTIONS

JOLIET

ILLINOIS

SCALE: NONE

SHEET 1 OF 1 SHEETS

STA.

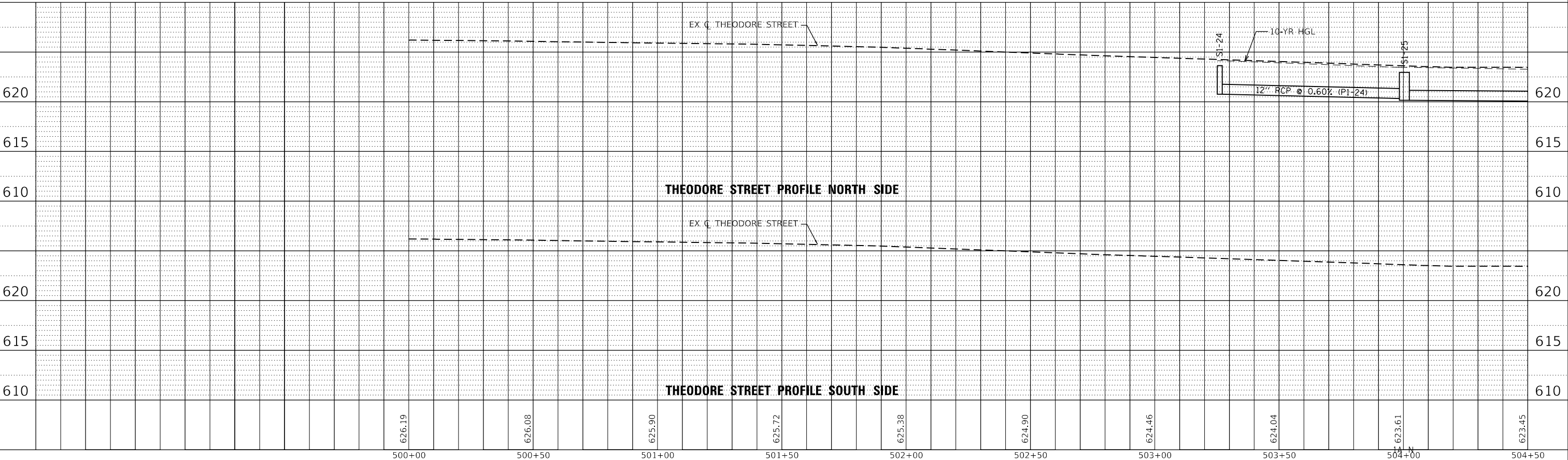
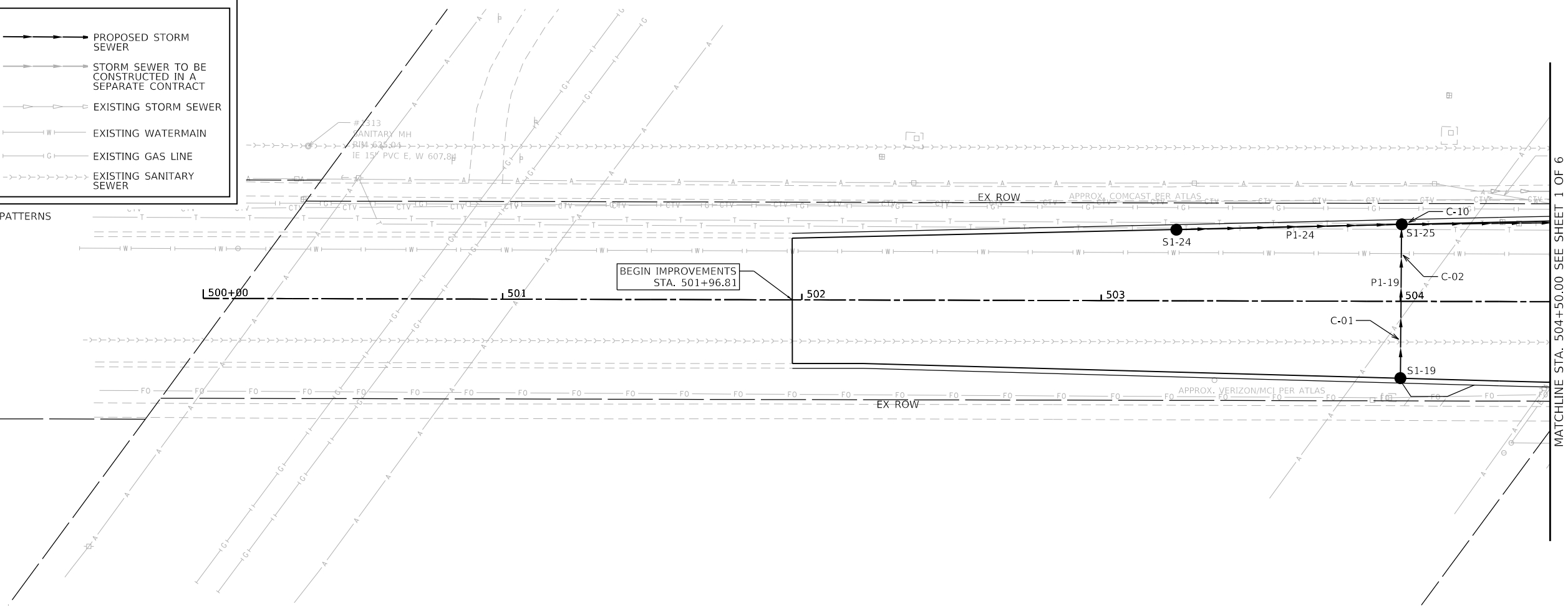
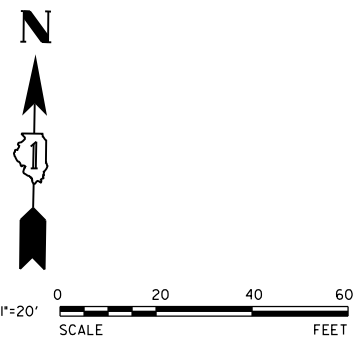
TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
400	18-00515-01-WR	WILL	115	30
CONTRACT NO. 61K81				
		ILLINOIS	FED. AID PROJECT	

DRAINAGE & UTILITY LEGEND

- PR OPEN LID DRAINAGE STRUCTURE
- ⊙ PR CLOSED LID DRAINAGE STRUCTURE
- OPEN LID DRAINAGE STRUCTURE TO BE CONSTRUCTED IN A SEPARATE CONTRACT
- ⊙ CLOSED LID DRAINAGE STRUCTURE TO BE CONSTRUCTED IN A SEPARATE CONTRACT
- EX OPEN LID DRAINAGE STRUCTURE
- EX CLOSED LID DRAINAGE STRUCTURE
- PROPOSED STORM SEWER
- STORM SEWER TO BE CONSTRUCTED IN A SEPARATE CONTRACT
- EXISTING STORM SEWER
- EXISTING WATERMAIN
- EXISTING GAS LINE
- EXISTING SANITARY SEWER

SEE THE STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS SHEETS FOR A FULL UTILITY LEGEND.



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630.724.9202 fax
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USER NAME = lyanisch
PLOT SCALE = 40'
PLOT DATE = 11/12/2024

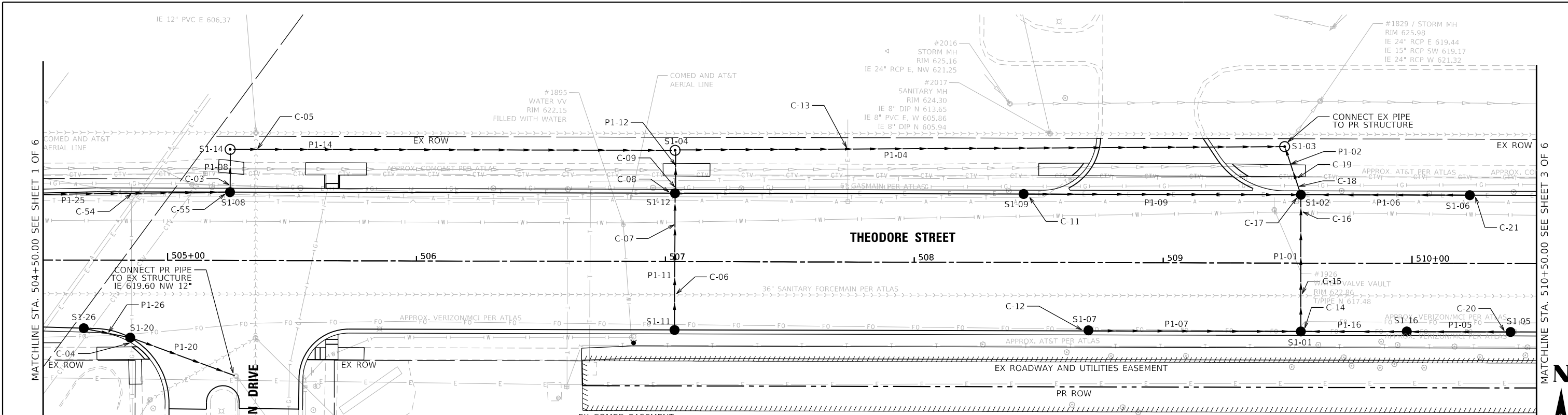
DESIGNED - CJF
DRAWN - DRP
CHECKED - MJR
DATE - 9/17/2024

REVISED -
REVISED -
REVISED -
REVISED -

THEODORE STREET WIDEN AND RESURFACE
JOLIET ILLINOIS

DRAINAGE AND UTILITY PLAN AND PROFILE
SCALE: 1"=20' SHEET 1 OF 6 SHEETS STA. 500+00.00 TO STA. 504+50.00

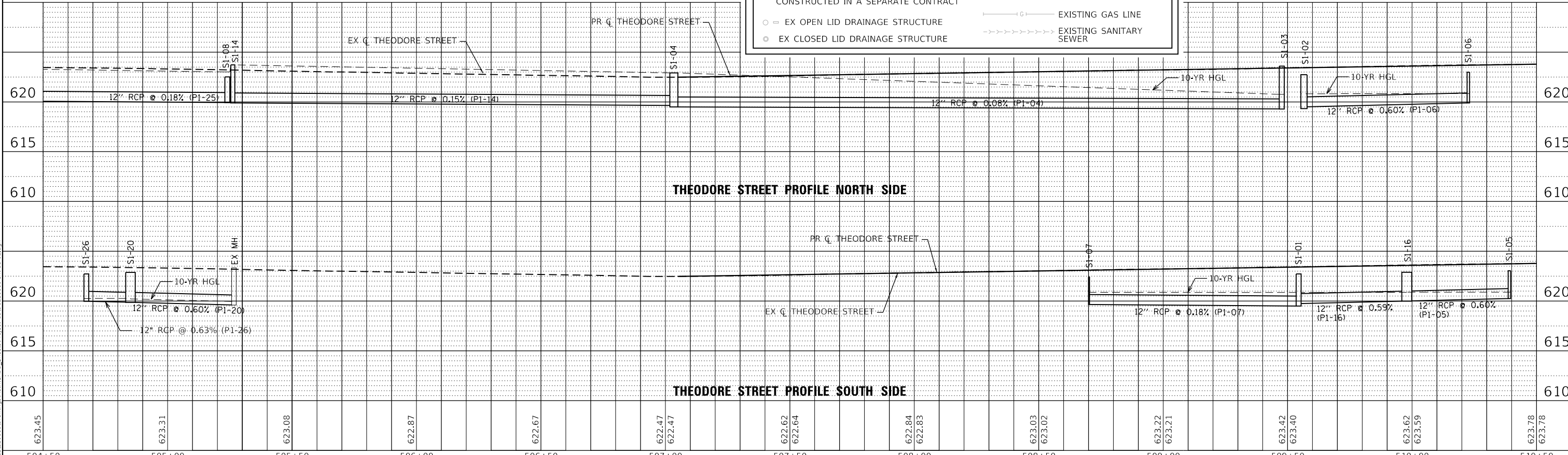
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
400	18-00515-01-WR	WILL	115	31
CONTRACT NO. 61K81			ILLINOIS FED. AID PROJECT	



NOTE:
 CONTRACTOR TO OPEN PAVED SHUT MH LID
 AND DETERMINE THE DOWNSTREAM PIPE INVERT.
 IF THE EX INVERT IS HIGHER THEN 619.60
 THAN ADJUSTMENTS TO THE PROPOSED STORM SEWER
 DESIGN WILL BE NECESSARY AT THIS LOCATION.
 CONTACT THE DESIGN ENGINEER FOR A REVISED
 DESIGN IF NECESSARY.

DRAINAGE & UTILITY LEGEND

<ul style="list-style-type: none"> ● PR OPEN LID DRAINAGE STRUCTURE ○ PR CLOSED LID DRAINAGE STRUCTURE ● OPEN LID DRAINAGE STRUCTURE TO BE CONSTRUCTED IN A SEPARATE CONTRACT ○ CLOSED LID DRAINAGE STRUCTURE TO BE CONSTRUCTED IN A SEPARATE CONTRACT ○ = EX OPEN LID DRAINAGE STRUCTURE ○ ○ EX CLOSED LID DRAINAGE STRUCTURE 	<ul style="list-style-type: none"> → PROPOSED STORM SEWER → STORM SEWER TO BE CONSTRUCTED IN A SEPARATE CONTRACT → EXISTING STORM SEWER — W — EXISTING WATERMAIN — G — EXISTING GAS LINE → EXISTING SANITARY SEWER
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 630.724.9202 fax
 www.v3co.com

USER NAME = lyanisch
 PLOT SCALE = 40'
 PLOT DATE = 11/12/2024

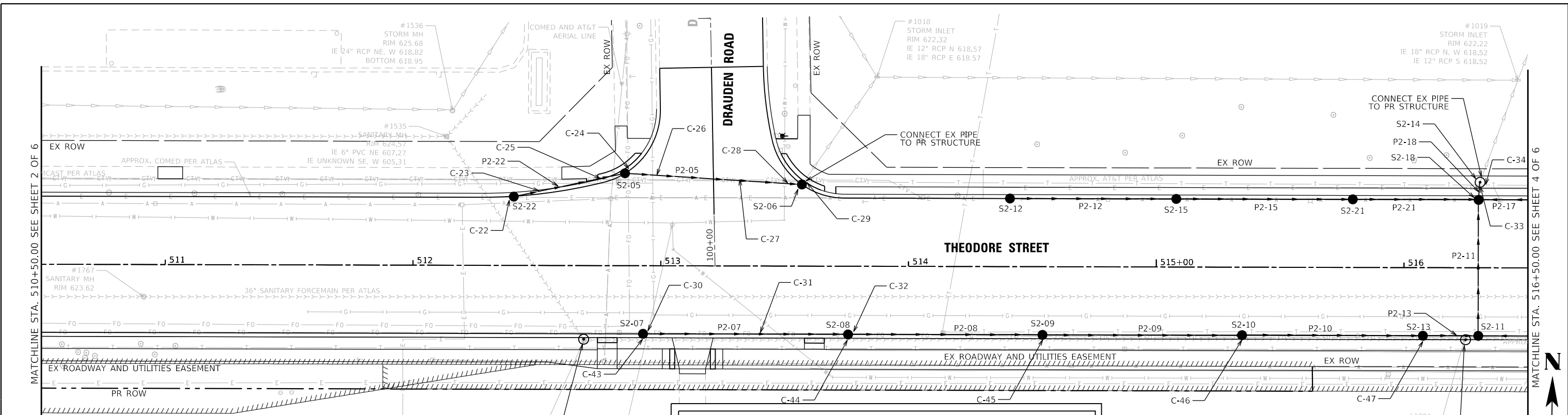
DESIGNED - CJF
 DRAWN - DRP
 CHECKED - MJR
 DATE - 9/17/2024

REVISED -
 REVISED -
 REVISED -
 REVISED -

THEODORE STREET WIDEN AND RESURFACE
 JOLIET ILLINOIS

DRAINAGE AND UTILITY PLAN AND PROFILE
 SCALE: 1"=20' SHEET 2 OF 6 SHEETS STA. 504+50.00 TO STA. 510+50.00

F.A.U. RTE. 400	SECTION 18-00515-01-WR	COUNTY WILL	TOTAL SHEETS 115	SHEET NO. 32
CONTRACT NO. 61K81			ILLINOIS FED. AID PROJECT	

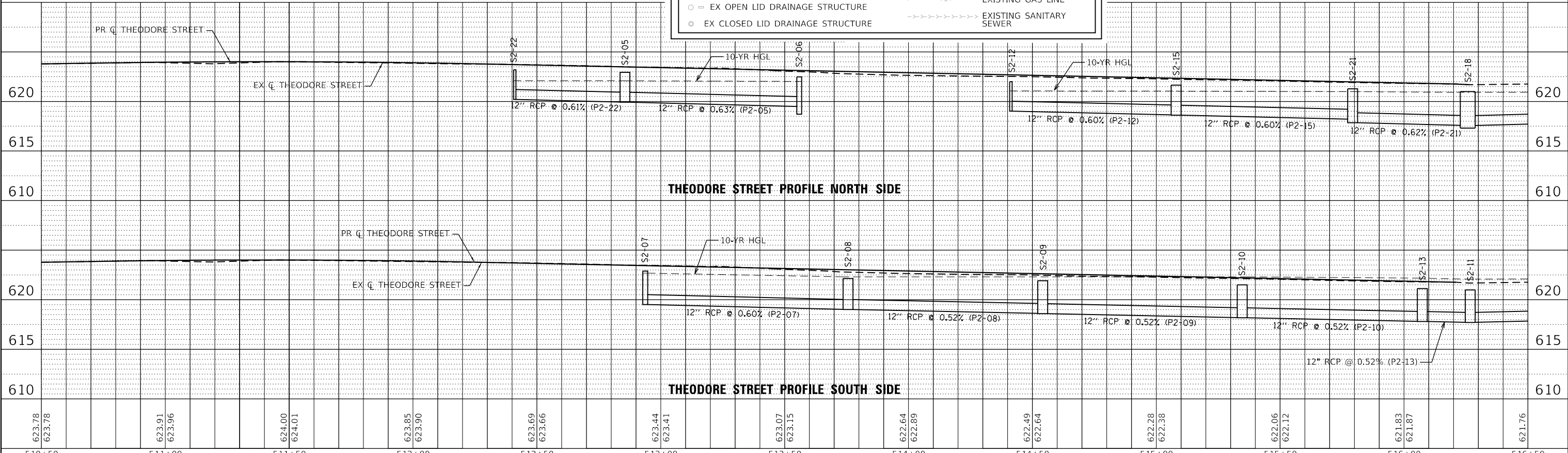
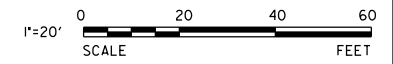


DRAINAGE & UTILITY LEGEND

<ul style="list-style-type: none"> ● PR OPEN LID DRAINAGE STRUCTURE ⊙ PR CLOSED LID DRAINAGE STRUCTURE ● OPEN LID DRAINAGE STRUCTURE TO BE CONSTRUCTED IN A SEPARATE CONTRACT ⊙ CLOSED LID DRAINAGE STRUCTURE TO BE CONSTRUCTED IN A SEPARATE CONTRACT ○ EX OPEN LID DRAINAGE STRUCTURE ⊙ EX CLOSED LID DRAINAGE STRUCTURE 	<ul style="list-style-type: none"> → PROPOSED STORM SEWER → STORM SEWER TO BE CONSTRUCTED IN A SEPARATE CONTRACT → EXISTING STORM SEWER → EXISTING WATERMAIN → EXISTING GAS LINE → EXISTING SANITARY SEWER
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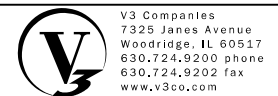
SANITARY MANHOLE TO BE RECONSTRUCTED. FRAME AND CLOSED LID ARE TO BE LOCATED OUTSIDE THE PROPOSED CURB AND GUTTER.

SANITARY MANHOLE TO BE RECONSTRUCTED. FRAME AND CLOSED LID ARE TO BE LOCATED OUTSIDE THE PROPOSED CURB AND GUTTER.



	510+50	511+00	511+50	512+00	512+50	513+00	513+50	514+00	514+50	515+00	515+50	516+00	516+50											
623.78 623.78		623.91 623.96		624.00 624.01		623.85 623.90		623.69 623.66		622.44 623.41		623.07 623.15		622.64 622.89		622.49 622.64		622.28 622.38		622.06 622.12		621.83 621.87		621.76

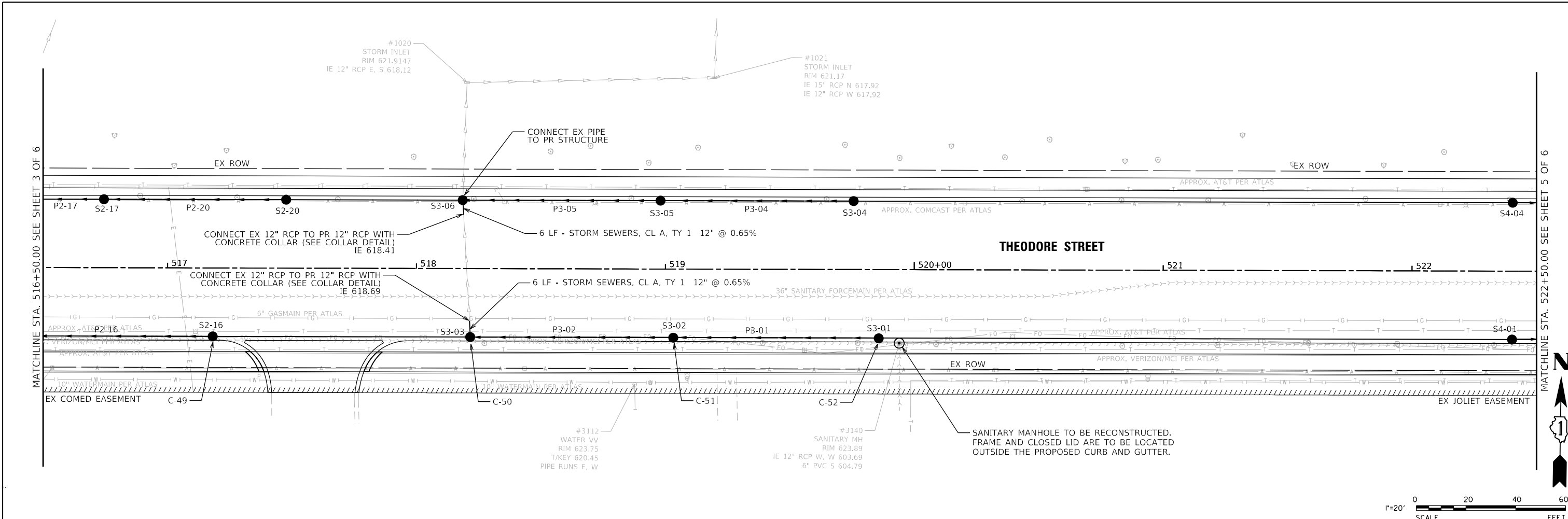
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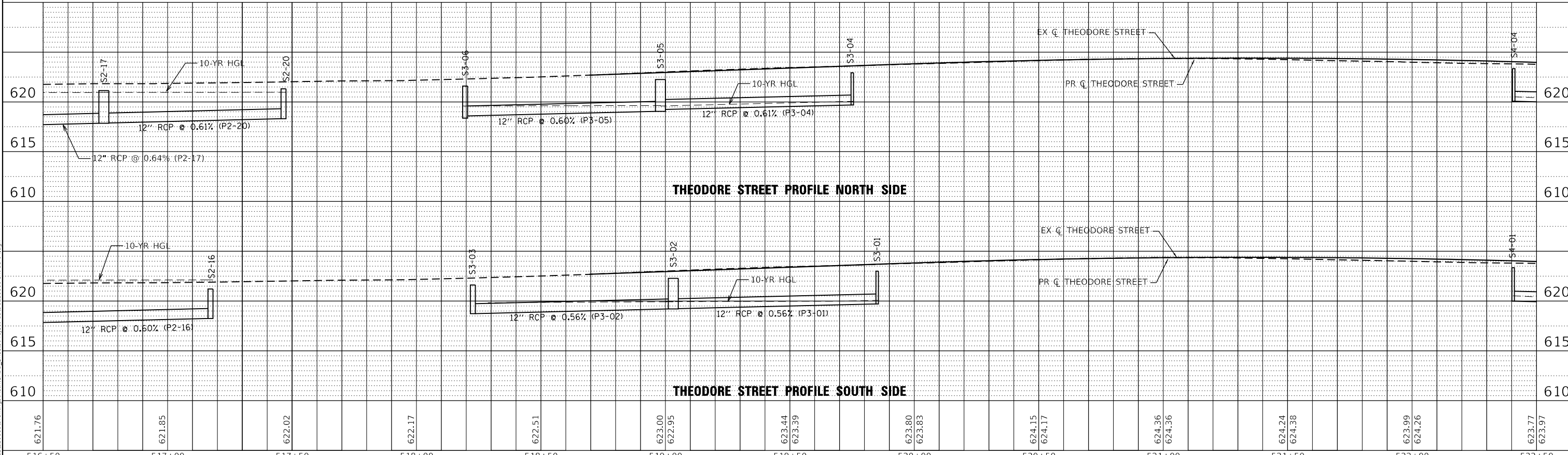
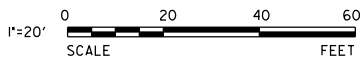
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	DRAWN - DRP	REVISED -
PLOT SCALE = 40'	CHECKED - MJR	REVISED -
PLOT DATE = 11/12/2024	DATE - 9/17/2024	REVISED -

THEODORE STREET WIDEN AND RESURFACE

DRAINAGE AND UTILITY PLAN AND PROFILE



SEE DRAINAGE PLAN AND PROFILE SHEET 3 FOR LEGEND.



621.76		621.85		622.02		622.17		622.51		623.00 622.95		623.44 623.39		623.80 623.83		624.15 624.17		624.36 624.36		624.24 624.38		623.99 624.26		623.77 623.97
516+50		517+00		517+50		518+00		518+50		519+00		519+50		520+00		520+50		521+00		521+50		522+00		522+50

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USER NAME = lyanisch	DESIGNED - CJF	REVISED -
PLOT SCALE = 40'	DRAWN - DRP	REVISED -
PLOT DATE = 9/17/2024	CHECKED - MJR	REVISED -
	DATE - 9/17/2024	REVISED -

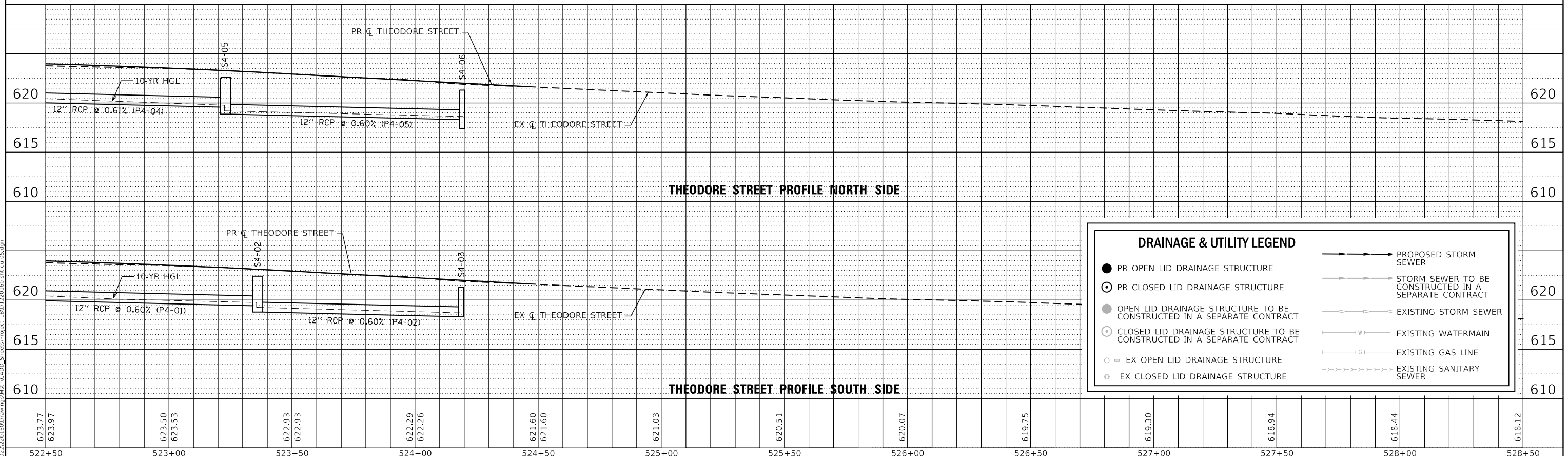
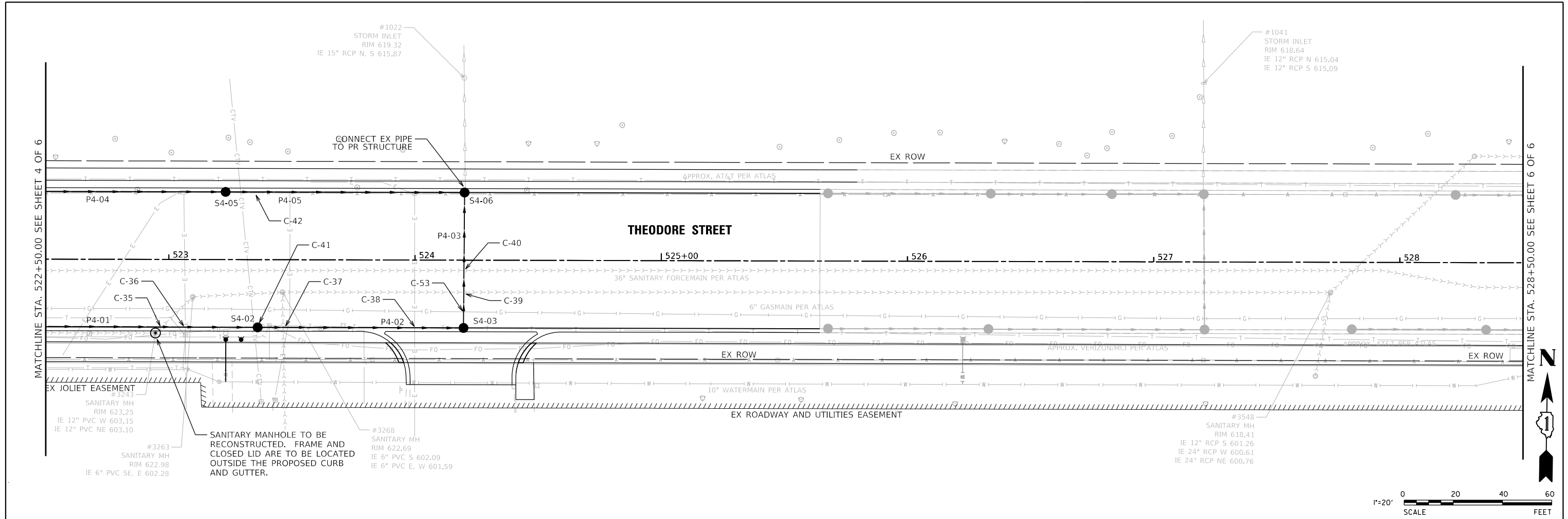
THEODORE STREET WIDEN AND RESURFACE

DRAINAGE AND UTILITY PLAN AND PROFILE

SCALE: 1"=20' SHEET 4 OF 6 SHEETS STA. 516+50.00 TO STA. 522+50.00

F.A.U. RTE. 400	SECTION 18-00515-01-WR	COUNTY WILL	TOTAL SHEETS 115	SHEET NO. 34
CONTRACT NO. 61K81				
ILLINOIS FED. AID PROJECT				

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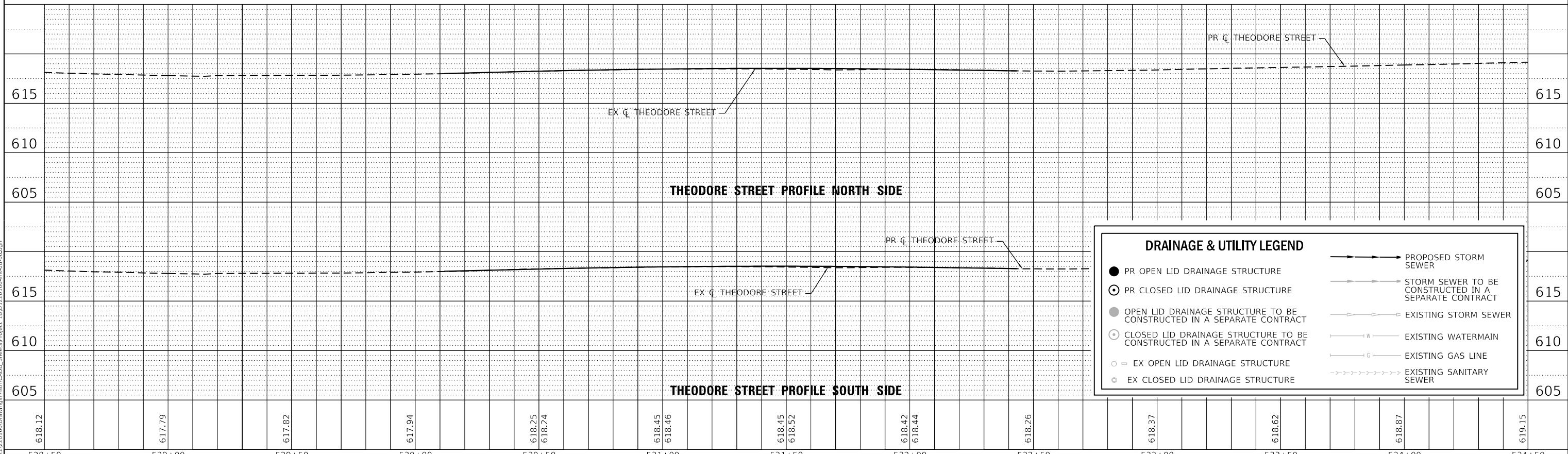
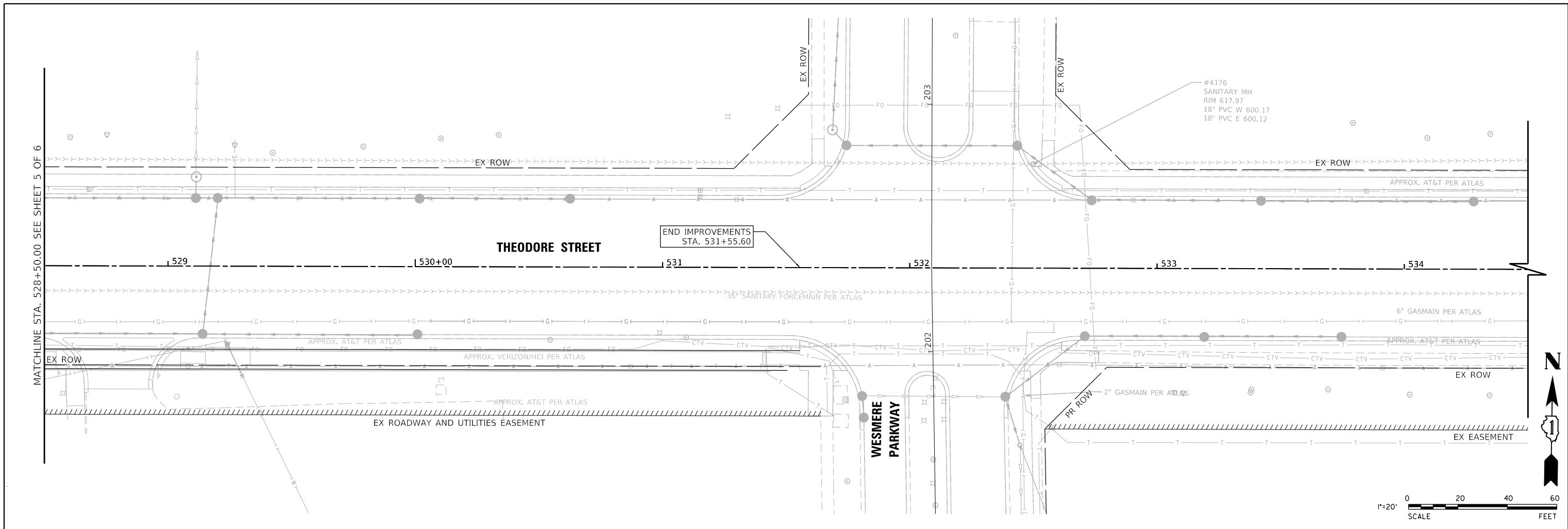


DRAINAGE & UTILITY LEGEND

- PR OPEN LID DRAINAGE STRUCTURE
- PR CLOSED LID DRAINAGE STRUCTURE
- OPEN LID DRAINAGE STRUCTURE TO BE CONSTRUCTED IN A SEPARATE CONTRACT
- CLOSED LID DRAINAGE STRUCTURE TO BE CONSTRUCTED IN A SEPARATE CONTRACT
- = EX OPEN LID DRAINAGE STRUCTURE
- = EX CLOSED LID DRAINAGE STRUCTURE
- PROPOSED STORM SEWER
- STORM SEWER TO BE CONSTRUCTED IN A SEPARATE CONTRACT
- EXISTING STORM SEWER
- W — EXISTING WATERMAIN
- G — EXISTING GAS LINE
- EXISTING SANITARY SEWER

623.77	623.97	623.50	623.53	622.93	622.93	622.29	622.26	621.60	621.60	621.03	620.51	620.07	619.75	619.30	618.94	618.44	618.12
522+50	523+00	523+50	524+00	524+50	525+00	525+50	526+00	526+50	527+00	527+50	528+00	528+50					

<p>V3 Companies 7325 Janes Avenue Woodridge, IL 60517 630.724.9200 phone 630.724.9202 fax www.v3co.com</p>	USER NAME = lyanisch	DESIGNED - CJF	REVISED -	<p>THEODORE STREET WIDEN AND RESURFACE</p> <p>JOLIET ILLINOIS</p>	<p>DRAINAGE AND UTILITY PLAN AND PROFILE</p> <p>SCALE: 1"=20'</p>	F.A.U. RTE. = 400	SECTION = 18-00515-01-WR	COUNTY = WILL	TOTAL SHEETS = 115	SHEET NO. = 35
	PLOT SCALE = 40'	CHECKED - MJR	REVISED -			CONTRACT NO. = 61K81				
PLOT DATE = 9/17/2024	DATE = 9/17/2024	REVISED -		ILLINOIS	FED. AID PROJECT					



DRAINAGE & UTILITY LEGEND

- PR OPEN LID DRAINAGE STRUCTURE
- PR CLOSED LID DRAINAGE STRUCTURE
- OPEN LID DRAINAGE STRUCTURE TO BE CONSTRUCTED IN A SEPARATE CONTRACT
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- EX OPEN LID DRAINAGE STRUCTURE
- EX CLOSED LID DRAINAGE STRUCTURE
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- STORM SEWER TO BE CONSTRUCTED IN A SEPARATE CONTRACT
- EXISTING STORM SEWER
- EXISTING WATERMAIN
- EXISTING GAS LINE
- EXISTING SANITARY SEWER

618.12	617.79	617.82	617.94	618.25 618.24	618.45 618.46	618.45 618.52	618.42 618.44	618.26	618.37	618.62	618.87	619.15
528+50	529+00	529+50	530+00	530+50	531+00	531+50	532+00	532+50	533+00	533+50	534+00	534+50

	V3 Companies 7325 Janes Avenue Woodridge, IL 60517 630.724.9200 phone 630.724.9202 fax www.v3co.com	USER NAME = lyanisch	DESIGNED - CJF	REVISED -	THEODORE STREET WIDEN AND RESURFACE	JOLIET	ILLINOIS	SCALE: 1"=20'	SHEET 6 OF 6 SHEETS	STA. 528+50.00 TO STA. 534+50.00	F.A.U. RTE. 400	SECTION 18-00515-01-WR	COUNTY WILL	TOTAL SHEETS 115	SHEET NO. 36	CONTRACT NO. 61K81	ILLINOIS FED. AID PROJECT
	PLOT SCALE = 40'	CHECKED - MJR	REVISED -	DATE - 9/17/2024							REVISED -						

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STORM SEWER STRUCTURE SCHEDULE

STRUCTURE NO.	ALIGNMENT	STATION	OFFSET	STRUCTURE TYPE	FRAME & GRATE	RIM	INVERT & DIRECTION		INVERT & DIRECTION		INVERT & DIRECTION		INVERT & DIRECTION	
S1-01	THEODORE	509+55.41	27.50	CATCH BASINS, TYPE A, 4'-DIAMETER	FRAMES AND GRATES, TYPE 11 (SPECIAL)	622.73	619.75	N	619.76	W	619.75	E		
S1-02	THEODORE	509+55.29	-27.50	CATCH BASINS, TYPE A, 5'-DIAMETER	FRAMES AND GRATES, TYPE 11 (SPECIAL)	622.73	619.43	N	619.43	S	619.49	E	619.47	W
S1-03	THEODORE	509+48.66	-46.82	MANHOLES, TYPE A, 4'-DIAMETER	FRAMES AND LIDS, TYPE 1, CLOSED LID	623.59	619.29 (EX)	NE	619.31	S	619.29	W		
S1-04	THEODORE	507+03.77	-44.70	MANHOLES, TYPE A, 4'-DIAMETER	FRAMES AND LIDS, TYPE 1, CLOSED LID	622.92	619.49	E	619.49	S	619.64	W		
S1-05	THEODORE	510+39.64	27.50	INLET, TYPE A	FRAMES AND GRATES, TYPE 11	623.05	620.25	W						
S1-06	THEODORE	510+23.12	-27.50	INLET, TYPE A	FRAMES AND GRATES, TYPE 11	622.98	619.90	W						
S1-07	THEODORE	508+70.02	27.50	INLET, TYPE A	FRAMES AND GRATES, TYPE 11 (SPECIAL)	622.40	620.10	E						
S1-08	THEODORE	525+25.00	-27.50	CATCH BASIN, TYPE A, 4'-DIAMETER (SPECIAL)	FRAMES AND GRATES, TYPE 11 (SPECIAL)	622.51	619.93	W	619.93	N				
S1-09	THEODORE	508+43.88	-27.50	INLET, TYPE A	FRAMES AND GRATES, TYPE 11	622.30	619.80	E						
S1-11	THEODORE	507+03.77	27.50	INLET, TYPE A	FRAMES AND GRATES, TYPE 11 (SPECIAL)	621.78	619.52	N						
S1-12	THEODORE	507+03.77	-27.50	INLET, TYPE A	FRAMES AND GRATES, TYPE 11 (SPECIAL)	621.78	619.50	N	619.50	S				
S1-14	THEODORE	505+25.00	-44.70	MANHOLES, TYPE A, 4'-DIAMETER	FRAMES AND LIDS, TYPE 1, CLOSED LID	623.72	619.90	E	619.90	S				
S1-16	THEODORE	509+97.87	27.50	CATCH BASIN, TYPE A, 4'-DIAMETER (SPECIAL)	FRAMES AND GRATES, TYPE 11	622.89	620.00	W	620.00	E				
S1-19	THEODORE	504+00.00	25.72	INLET, TYPE A	FRAMES AND LIDS, TYPE 1, OPEN LID (SPECIAL)	622.95	620.41	N						
S1-20	THEODORE	504+85.11	31.16	CATCH BASINS, TYPE A, 4'-DIAMETER	FRAMES AND GRATES, TYPE 11	622.88	619.87	E	619.87	W				
S1-24	THEODORE	503+25.12	-23.84	INLET, TYPE A	FRAMES AND GRATES, TYPE 11	623.63	620.77	E						
S1-25	THEODORE	504+00.00	-25.72	CATCH BASIN, TYPE A, 4'-DIAMETER (SPECIAL)	FRAMES AND GRATES, TYPE 11 (SPECIAL)	622.95	620.15	E	620.26	S	620.32	W		
S1-26	THEODORE	504+66.39	27.37	INLET, TYPE A	FRAMES AND GRATES, TYPE 11	622.72	619.99	E						
S2-05	THEODORE	512+85.51	-37.29	CATCH BASINS, TYPE A, 4'-DIAMETER	FRAMES AND GRATES, TYPE 11	622.94	619.93	E	619.93	W				
S2-06	THEODORE	513+56.89	-32.95	CATCH BASINS, TYPE A, 4'-DIAMETER	FRAMES AND GRATES, TYPE 11	622.49	618.47 (EX)	NE	619.48	W				
S2-07	THEODORE	512+92.74	27.50	INLET, TYPE A	FRAMES AND GRATES, TYPE 11	622.89	619.52	E						
S2-08	THEODORE	513+75.62	27.50	CATCH BASINS, TYPE A, 4'-DIAMETER	FRAMES AND GRATES, TYPE 11	622.14	619.02	E	619.02	W				
S2-09	THEODORE	514+54.19	27.50	CATCH BASINS, TYPE A, 4'-DIAMETER	FRAMES AND GRATES, TYPE 11	621.92	618.63	E	618.63	W				
S2-10	THEODORE	515+34.69	27.50	CATCH BASINS, TYPE A, 4'-DIAMETER	FRAMES AND GRATES, TYPE 11	621.51	618.23	E	618.23	W				
S2-11	THEODORE	516+30.00	27.50	CATCH BASINS, TYPE A, 4'-DIAMETER	FRAMES AND GRATES, TYPE 11	621.00	617.80	N	617.80	W	617.80	E		
S2-12	THEODORE	514+40.86	-27.50	INLET, TYPE A	FRAMES AND GRATES, TYPE 11	621.99	619.03	E						
S2-13	THEODORE	516+07.41	27.50	CATCH BASINS, TYPE A, 4'-DIAMETER	FRAMES AND GRATES, TYPE 11	621.13	617.90	E	617.90	W				
S2-14	THEODORE	516+30.67	-34.50	MANHOLES, TYPE A, 4'-DIAMETER	FRAMES AND LIDS, TYPE 1, CLOSED LID	621.14	617.60 (EX)	N	617.60	SW				
S2-15	THEODORE	515+08.01	-27.50	CATCH BASINS, TYPE A, 4'-DIAMETER	FRAMES AND GRATES, TYPE 11	621.64	618.63	E	618.63	W				
S2-16	THEODORE	517+18.23	27.50	INLET, TYPE A	FRAMES AND GRATES, TYPE 11	621.21	618.33	W						
S2-17	THEODORE	516+74.37	-27.50	CATCH BASINS, TYPE A, 4'-DIAMETER	FRAMES AND GRATES, TYPE 11	621.13	617.89	W	617.89	E				
S2-18	THEODORE	516+30.00	-27.50	CATCH BASINS, TYPE A, 4'-DIAMETER	FRAMES AND GRATES, TYPE 11	621.00	617.63	NE	617.99	E	617.63	S	617.99	W
S2-20	THEODORE	517+47.57	-27.50	INLET, TYPE A	FRAMES AND GRATES, TYPE 11	621.32	618.32	W						
S2-21	THEODORE	515+79.25	-27.50	CATCH BASINS, TYPE A, 4'-DIAMETER	FRAMES AND GRATES, TYPE 11	621.28	618.20	E	618.20	W				
S2-22	THEODORE	512+40.58	-27.92	INLET, TYPE A	FRAMES AND GRATES, TYPE 11	623.19	620.21	E						
S3-01	THEODORE	519+85.61	27.50	INLET, TYPE A	FRAMES AND GRATES, TYPE 11	623.01	619.65	W						
S3-02	THEODORE	519+03.20	27.50	CATCH BASINS, TYPE A, 4'-DIAMETER	FRAMES AND GRATES, TYPE 11	622.29	619.19	W	619.19	E				
S3-03	THEODORE	518+21.65	27.50	CATCH BASIN, TYPE A, 4'-DIAMETER (SPECIAL)	FRAMES AND GRATES, TYPE 11	621.61	618.73	N	618.73	E				
S3-04	THEODORE	519+75.58	-27.50	INLET, TYPE A	FRAMES AND GRATES, TYPE 11	622.92	619.70	W						
S3-05	THEODORE	518+98.00	-27.50	CATCH BASINS, TYPE A, 4'-DIAMETER	FRAMES AND GRATES, TYPE 11	622.24	619.06	W	619.23	E				
S3-06	THEODORE	518+18.53	-27.50	CATCH BASINS, TYPE A, 4'-DIAMETER	FRAMES AND GRATES, TYPE 11	621.59	618.47 (EX)	N	618.58	E	618.37	S		
S4-01	THEODORE	522+40.14	27.50	INLET, TYPE A	FRAMES AND GRATES, TYPE 11	623.34	619.99	E						
S4-02	THEODORE	523+36.13	27.50	CATCH BASINS, TYPE A, 4'-DIAMETER	FRAMES AND GRATES, TYPE 11	622.42	618.79	E	619.41	W				
S4-03	THEODORE	524+19.71	27.50	CATCH BASINS, TYPE A, 4'-DIAMETER	FRAMES AND GRATES, TYPE 11	621.30	618.29	N	618.29	W				
S4-04	THEODORE	522+40.37	-27.50	INLET, TYPE A	FRAMES AND GRATES, TYPE 11	623.34	620.07	E						
S4-05	THEODORE	523+23.01	-27.50	CATCH BASINS, TYPE A, 4'-DIAMETER	FRAMES AND GRATES, TYPE 11	622.58	618.87	E	619.57	W				
S4-06	THEODORE	524+20.06	-27.50	CATCH BASINS, TYPE A, 4'-DIAMETER	FRAMES AND GRATES, TYPE 11	621.3	617.41 (EX)	N	617.96	S	618.29	W		

NOTES:

- FOR DRAINAGE STRUCTURES LOCATED WITHIN THE CURB AND GUTTER, THE STATION, OFFSET AND RIM ELEVATIONS ARE GIVEN AT THE EDGE OF PAVEMENT.
- FOR STRUCTURES WITH TYPE 1 FRAMES AND LIDS, THE STATION, OFFSET AND RIM ELEVATIONS ARE GIVEN AT THE CENTER OF THE STRUCTURE, WITH THE EXCEPTION OF STRUCTURE S1-19 WHERE THE STATION, OFFSET AND RIM ELEVATIONS ARE GIVEN AT THE EDGE PAVEMENT.

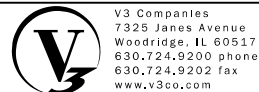
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	V3 Companies 7325 Janes Avenue Woodridge, IL 60517 630.724.9200 phone 630.724.9202 fax www.v3co.com	USER NAME = lyanisch DESIGNED - CJF DRAWN - DRP CHECKED - MJR DATE - 9/17/2024	REVISED - REVISED - REVISED - REVISED -	THEODORE STREET WIDEN AND RESURFACE JOLIET	DRAINAGE SCHEDULE ILLINOIS	SCALE: NONE SHEET 1 OF 3 SHEETS	STA. TO STA.	F.A.U. RTE. SECTION COUNTY TOTAL SHEETS SHEET NO. 400 18-00515-01-WR WILL 115 37 CONTRACT NO. 61K81	ILLINOIS FED. AID PROJECT
	PLOT SCALE = 2" PLOT DATE = 11/12/2024								

STORM SEWER PIPE SCHEDULE

PIPE ID	UPSTREAM STRUCTURE	DOWNSTREAM STRUCTURE	UPSTREAM INVERT	DOWNSTREAM INVERT	SLOPE (%)	LENGTH (FT)	DIAMETER (IN)	PAY ITEM NUMBER	ITEM	Trench Backfill (CY)
P1-01	S1-01	S1-02	619.75	619.43	0.60	54	12	550A2330	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 1 15"	8.4
P1-02	S1-02	S1-03	619.43	619.31	0.60	20	15	550A2520	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 2 12"	4.5
P1-04	S1-04	S1-03	619.49	619.29	0.08	245	12	550A2520	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 2 12"	13.9
P1-05	S1-05	S1-16	620.25	620.00	0.60	39	12	550A2320	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 1 12"	5.2
P1-06	S1-06	S1-02	619.90	619.49	0.60	64	12	Z0056648	STORM SEWERS, TYPE 1, WATERMAIN QUALITY PIPE, 12"	10.7
P1-07	S1-07	S1-01	620.10	619.76	0.18	82	12	550A2320	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 1 12"	8.7
P1-08	S1-08	S1-14	619.93	619.90	0.15	17	12	550A2320	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 1 12"	0.8
P1-09	S1-09	S1-02	619.80	619.47	0.30	111	12	Z0056648	STORM SEWERS, TYPE 1, WATERMAIN QUALITY PIPE, 12"	14.2
P1-11	S1-11	S1-12	619.52	619.50	0.03	54	12	550A2320	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 1 12"	3.5
P1-12	S1-12	S1-04	619.50	619.49	0.10	17	12	550A2320	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 1 12"	2.1
P1-14	S1-14	S1-04	619.90	619.64	0.15	179	12	550A2320	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 1 12"	0.0
P1-16	S1-16	S1-01	620.00	619.75	0.59	38	12	550A2320	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 1 12"	5.6
P1-19	S1-19	S1-25	620.41	620.26	0.30	51	12	550A2320	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 1 12"	5.1
P1-20	S1-20	EX STR	619.87	619.60	0.60	41	12	550A2320	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 1 12"	8.2
P1-24	S1-24	S1-25	620.77	620.32	0.60	75	12	550A2320	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 1 12"	11.6
P1-25	S1-25	S1-08	620.15	619.93	0.18	125	12	550A2320	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 1 12"	13.5
P1-26	S1-26	S1-20	619.99	619.87	0.63	15	12	550A2320	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 1 12"	2.5
P2-05	S2-05	S2-06	619.93	619.48	0.63	68	12	550A2320	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 1 12"	10.2
P2-07	S2-07	S2-08	619.52	619.02	0.60	79	12	550A2320	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 1 12"	13.3
P2-08	S2-08	S2-09	619.02	618.63	0.50	78	12	550A2320	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 1 12"	11.4
P2-09	S2-09	S2-10	618.63	618.23	0.50	81	12	550A2320	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 1 12"	11.9
P2-10	S2-10	S2-13	618.23	617.90	0.45	73	12	550A2320	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 1 12"	10.7
P2-11	S2-11	S2-18	617.80	617.63	0.31	55	12	550A2320	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 1 12"	9.4
P2-12	S2-12	S2-15	619.03	618.63	0.60	67	12	550A2320	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 1 12"	9.3
P2-13	S2-13	S2-11	617.90	617.80	0.45	22	12	550A2320	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 1 12"	3.4
P2-15	S2-15	S2-21	618.63	618.20	0.60	71	12	550A2320	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 1 12"	10.3
P2-16	S2-16	S2-11	618.33	617.80	0.60	88	12	550A2320	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 1 12"	12.7
P2-17	S2-17	S2-18	617.89	617.63	0.59	44	12	550A2320	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 1 12"	7.6
P2-18	S2-18	S2-14	617.63	617.60	0.39	7	15	550A2330	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 1 15"	1.3
P2-20	S2-20	S2-17	618.32	617.89	0.59	73	12	550A2320	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 1 12"	11.2
P2-21	S2-21	S2-18	618.20	617.99	0.60	51	12	550A2320	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 1 12"	7.4
P2-22	S2-22	S2-05	620.21	619.93	0.61	43	12	550A2320	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 1 12"	6.4
P3-01	S3-01	S3-02	619.65	619.19	0.56	79	12	550A2320	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 1 12"	13.1
P3-02	S3-02	S3-03	619.19	618.73	0.56	78	12	550A2320	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 1 12"	11.3
P3-04	S3-04	S3-05	619.70	619.23	0.61	75	12	550A2320	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 1 12"	11.9
P3-05	S3-05	S3-06	619.06	618.58	0.60	75	12	550A2320	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 1 12"	12.0
P4-01	S4-01	S4-02	619.99	619.41	0.60	93	12	550A2320	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 1 12"	15.3
P4-02	S4-02	S4-03	618.79	618.29	0.60	80	12	550A2320	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 1 12"	14.4
P4-03	S4-03	S4-06	618.29	617.96	0.60	51	12	550A2320	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 1 12"	8.7
P4-04	S4-04	S4-05	620.07	619.57	0.61	80	12	550A2320	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 1 12"	12.9
P4-05	S4-05	S4-06	618.87	618.29	0.60	93	12	550A2320	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 1 12"	17.3

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V3 Companies
 7325 Janes Avenue
 Woodridge, IL 60517
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 630.724.9202 fax
 www.v3co.com

USER NAME = lyanisch
 DESIGNED - CJF
 DRAWN - DRP
 CHECKED - MJR
 DATE - 9/17/2024

REVISED -
 REVISED -
 REVISED -
 REVISED -

THEODORE STREET WIDEN AND RESURFACE
 JOLIET ILLINOIS

DRAINAGE SCHEDULE
 SCALE: NONE SHEET 2 OF 3 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	18-00515-01-WR	WILL	115	38
CONTRACT NO. 61K81				
ILLINOIS FED. AID PROJECT				

STORM SEWER UTILITY CROSSING SCHEDULE

Crossing No.	Proposed Storm Sewer Information							Existing Utility Information					Estimated Clearance (FT)	Notes
	Pipe ID	Pipe Diameter (IN)	Pipe Thickness (IN)	Additional Str depth (IN)	Bottom of Structure	Bottom of Pipe	Top of Pipe	Type of Utility	Estimated Pipe Diameter (IN)	Ex Ground Elevation	Estimated Depth below Ex Ground (FT)	Estimated Top of Utility		
C-01	P1-19	12	2	0	N/A	620.21	621.54	SAN	36	623.24	10	613.24	6.97	
C-02	P1-19	12	2	0	N/A	620.12	621.46	WM	10	623.24	5.5	617.74	2.38	
C-03	P1-08	12	2	0	N/A	619.76	621.09	GAS	6	623.00	3	620.00	-1.59	Conflict Likely
C-04	P1-20	12	2	40	616.37	619.70	621.04	GAS	4	623.26	3	620.26	-1.11	Conflict Likely
C-05	P1-14	12	2	0	N/A	619.72	621.05	SAN	12	623.72	18.5	605.22	14.50	Depth from surveyed MH
C-06	P1-11	12	2	0	N/A	619.35	620.68	SAN	36	622.27	10	612.27	7.08	
C-07	P1-11	12	2	0	N/A	619.34	620.67	WM	10	622.13	5.5	616.63	2.71	
C-08	P1-12	12	2	4	619.00	619.33	620.67	ELEC	6	621.78	3	618.78	0.22	Conflict Likely
C-09	P1-12	12	2	0	N/A	619.33	620.67	GAS	6	622.20	3.25	618.95	0.38	Conflict Likely
C-10	P1-25	12	2	40	616.65	619.98	621.32	TELE	4	623.72	2.5	621.22	-0.43	Conflict Likely
C-11	P1-09	12	2	4	619.30	619.63	620.97	TELE	4	623.39	2.5	620.89	-0.41	Conflict Likely
C-12	P1-07	12	2	4	619.60	619.93	621.27	TELE	1.25	623.06	2.5	620.56	-0.81	Conflict Likely
C-13	P1-04	12	2	0	N/A	619.27	620.60	ELEC	6	623.17	3	620.17	-0.93	Conflict Likely
C-14	P1-01	12	2	40	616.25	619.58	620.92	CTV	6	623.56	2.5	621.06	-0.36	Conflict Likely
C-15	P1-01	12	2	0	N/A	619.49	620.83	SAN	36	623.14	10	613.14	6.35	
C-16	P1-01	12	2	0	N/A	619.30	620.63	WM	10	622.97	5.5	617.47	1.83	
C-17	P1-02	15	2.25	40	615.91	619.24	620.87	ELEC	6	623.52	3	620.52	-0.85	Conflict Likely
C-18	P1-02	15	2.25	0	N/A	619.22	620.85	GAS	6	623.75	4.08	619.67	-1.68	Conflict Likely
C-19	P1-02	15	2.25	0	N/A	619.20	620.83	TELE	4	624.00	2.5	621.50	0.34	Conflict Likely
C-20	P1-05	12	2	4	619.75	620.08	621.42	CTV	6	623.65	2.5	621.15	-0.77	Conflict Likely
C-21	P1-06	12	2	0	N/A	619.71	621.04	ELEC	6	624.06	3	621.06	-0.48	Conflict Likely
C-22	P2-22	12	2	4	619.71	620.04	621.38	ELEC	6	623.70	3	620.70	-1.18	Conflict Likely
C-23	P2-22	12	2	0	N/A	619.98	621.31	GAS	6	623.85	4	619.85	0.13	Conflict Likely
C-24	P2-05	12	2	40	616.43	619.76	621.10	CTV	6	623.11	2.5	620.61	-0.99	Conflict Likely
C-25	P2-22	12	2	0	N/A	619.81	621.15	TELE	4	623.75	2.5	621.25	-0.23	Conflict Likely
C-26	P2-05	12	2	0	N/A	619.68	621.01	GAS	6	622.52	4	618.52	1.16	
C-27	P2-05	12	2	0	N/A	619.46	620.79	TELE	4	622.90	2.5	620.40	-0.72	Conflict Likely
C-28	P2-05	12	2	0	N/A	619.33	620.66	WM	10	622.52	5.5	617.02	2.31	
C-29	P2-05	12	2	40	615.98	619.32	620.65	TELE	4	622.99	2.5	620.49	-0.49	Conflict Likely
C-30	P2-07	12	2	4	619.02	619.35	620.69	CTV	6	623.22	2.5	620.72	-0.47	Conflict Likely
C-31	P2-07	12	2	0	N/A	619.06	620.39	WM	10	622.98	5.5	617.48	1.58	
C-32	P2-08	12	2	40	615.52	618.85	620.19	CTV	6	622.70	2.5	620.20	-0.49	Conflict Likely
C-33	P2-18	15	2.25	0	N/A	617.42	619.04	ELEC	6	622.10	3	619.10	-0.44	Conflict Likely
C-34	P2-18	15	2.25	6	616.90	617.40	619.03	TELE	4	622.16	2.5	619.66	0.30	Conflict Likely
C-35	P4-01	12	2	0	N/A	619.47	620.80	SAN	12	623.38	20	603.38	16.09	Depth from u/s surveyed MH
C-36	P4-01	12	2	0	N/A	619.41	620.75	ELEC	6	623.44	3	620.44	-0.81	Conflict Likely
C-37	P4-02	12	2	0	N/A	618.56	619.89	SAN	6	623.29	20	603.29	15.27	Depth from u/s surveyed MH
C-38	P4-02	12	2	0	N/A	618.22	619.55	ELEC	6	622.09	3	619.09	-0.96	Conflict Likely
C-39	P4-03	12	2	0	N/A	618.03	619.37	SAN	24	621.72	17.8	603.92	14.11	Depth from surveyed MH's
C-40	P4-03	12	2	0	N/A	617.97	619.30	SAN	36	621.83	10	611.83	6.14	
C-41	P4-02	12	2	40	615.29	618.62	619.96	FO	6	623.26	4	619.26	-1.20	Conflict Likely
C-42	P4-05	12	2	0	N/A	618.63	619.96	FO	6	623.35	4	619.35	-1.11	Conflict Likely
C-43	P2-07	12	2	4	619.02	619.35	620.69	SAN	12			606.10	12.92	
C-44	P2-08	12	2	40	615.52	618.85	620.19	SAN	12			605.94	9.58	
C-45	P2-09	12	2	40	615.13	618.46	619.80	SAN	12			605.78	9.35	
C-46	P2-10	12	2	40	614.73	618.06	619.40	SAN	12			605.62	9.11	
C-47	P2-13	12	2	40	614.40	617.73	619.07	SAN	12			605.48	8.92	
C-48	P2-13	12	2	0	N/A	617.66	618.99	SAN	12			605.44	12.22	
C-49	P2-16	12	2	4	617.83	618.16	619.50	SAN	12			605.26	12.57	
C-50	P3-02	12	2	40	615.23	618.56	619.89	SAN	12			605.06	10.17	
C-51	P3-02	12	2	40	615.69	619.02	620.36	SAN	12			604.90	10.79	
C-52	P3-01	12	2	4	619.15	619.48	620.82	SAN	12			604.73	14.42	
C-53	P4-03	12	2	0	N/A	618.08	619.42	GAS	6	623.35	3.33	620.02	0.10	Conflict Likely
C-54	P1-25	12	2	0	N/A	619.83	621.17	GAS	6	622.69	3.33	619.36	0.47	Conflict Likely
C-55	P1-25	12	2	40	616.43	619.76	621.10	TELE	4	622.51	2.5	620.01	-1.42	Conflict Likely

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V3 Companies
 7325 Janes Avenue
 Woodridge, IL 60517
 630.724.9200 phone
 630.724.9202 fax
 www.v3co.com

USER NAME = lyanisch	DESIGNED - CJF	REVISED -
PLOT SCALE = 2"	DRAWN - DRP	REVISED -
PLOT DATE = 11/12/2024	CHECKED - MJR	REVISED -
	DATE - 9/17/2024	REVISED -

THEODORE STREET WIDEN AND RESURFACE

JOLIET

ILLINOIS

DRAINAGE SCHEDULE

SCALE: NONE

SHEET 3 OF 3 SHEETS

STA.

TO STA.

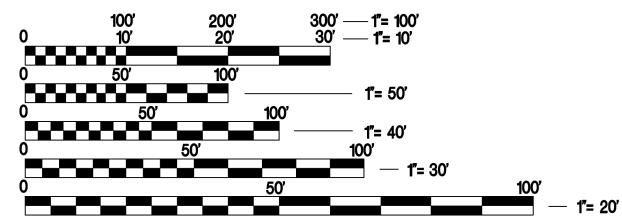
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400	18-00515-01-WR	WILL	115	39
CONTRACT NO. 61K81				
ILLINOIS		FED. AID PROJECT		

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
PLAT OF HIGHWAYS
WIDEN AND RESURFACE
FAU ROUTE 400 (THEODORE STREET) FROM WEST OF
STAGHORN DRIVE TO WEST OF WESMERE PARKWAY
SECTION NO. 18-00515-01-WR
PROJECT NO. W14W(902)
CITY OF JOLIET
WILL COUNTY
JOB NO. C-91-277-24

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
400	18-00515-01-WR	WILL	115	40
		ILLINOIS	CONTRACT NO. _____	



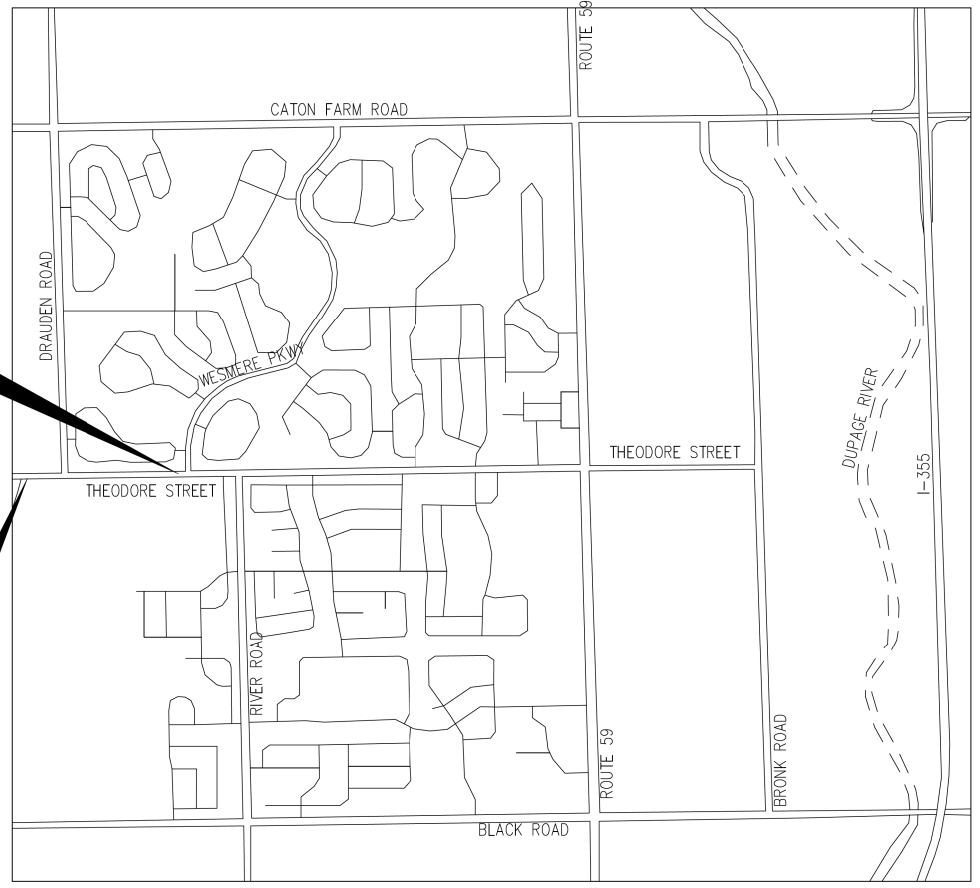
PARCEL NUMBER	OWNER	SHEET NUMBER	PROPERTY ACQUIRED BY
0001	Old National Bank as successor to First Midwest Bank as Trustee of the Marital Trust created under the William H. Eisenbrandt, Jr. Declaration of Trust dated December 9, 1978 for the life of Marianne Eisenbrandt, then to Herbert R. Rosenberg and Gregory Severson, Co-Trustees of the William H. Eisenbrandt, Jr., Declaration of Trust dated December 9, 1978	2 & 3	



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.

JULIE
JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION
1-800-892-0123
OR 811

V3 Engineers
Scientists
Surveyors
7325 Janes Avenue, Suite 100
Woodridge, IL 60517
630.724.9200 voice
630.724.0384 fax
v3co.com



TROY TOWNSHIP
GROSS LENGTH (SECTION NO. 18-00515-01-WR) = 2491.60 FT. = 0.47 MILE
NET LENGTH (SECTION NO. 18-00515-01-WR) = 1905.46 FT. = 0.36 MILE
LOCATION MAP NOT TO SCALE

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

APPROVED July 30 2024
LOCAL AGENCY OFFICIAL

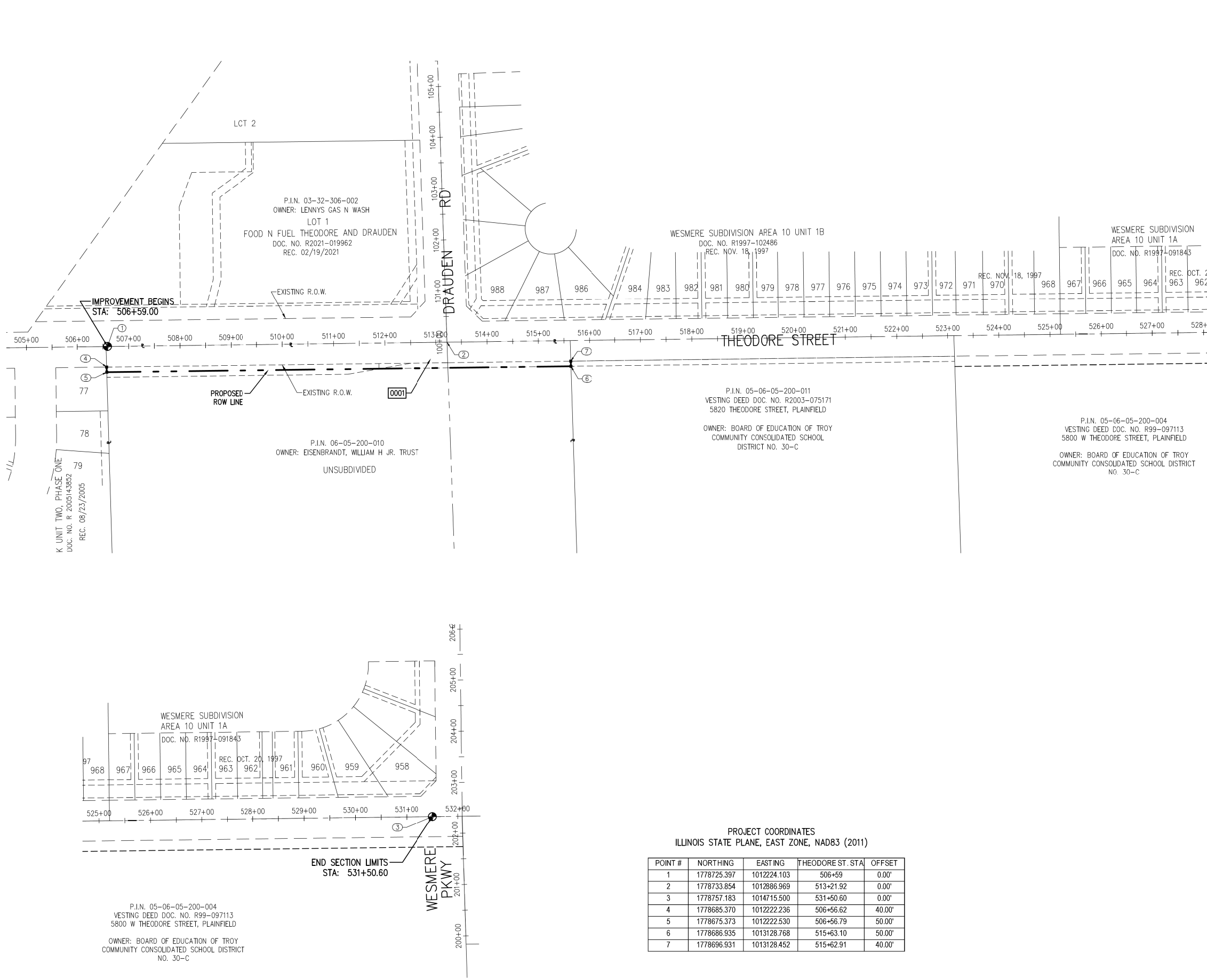
APPROVED _____ 20____
ENGINEER OF LAND ACQUISITION

APPROVED _____ 20____
ENGINEER OF LOCAL ROADS & STREETS

APPROVED _____ 20____
DISTRICT ENGINEER

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LEGEND

SECTION CORNER: 9 10 1615

QUARTER CORNER: 9 10

SECTION / QUARTER SECTION LINE

PLATTED LOT LINES

PROPERTY (DEED) LINE

APPL APPARENT PROPERTY LINE

EXISTING CENTERLINE

PROPOSED CENTERLINE

EXISTING RIGHT OF WAY LINE

PROPOSED RIGHT OF WAY LINE

EXISTING EASEMENT

PROPOSED EASEMENT

EXISTING ACCESS CONTROL LINE

PROPOSED ACCESS CONTROL LINE

MEASURED DIMENSION

COMPUTED DIMENSION

RECORDED DIMENSION

EXISTING BUILDING

UTILITIES

VEGETATION

SIGN

IRON PIPE OR ROD FOUND

CUT CROSS FOUND OR SET

"MAG" NAIL SET

5 / 8" REBAR SET

STAKING OF PROPOSED RIGHT OF WAY. SET DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN. IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.

STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS. BURIED 5/8 INCH METAL ROD 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY MARKER POSITION IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.

RIGHT OF WAY STAKING PROPOSED TO BE SET

SURVEY NOTES:

- ALL DIMENSIONS ARE MEASURED UNLESS OTHERWISE SPECIFIED.
- BEARINGS AND DISTANCES SHOWN HEREON ARE ON THE ILLINOIS STATE PLANE COORDINATE SYSTEM, EAST ZONE, NORTH AMERICAN DATUM OF 1983 (2011 ADJUSTMENT) "GRID".
- AREAS SHOWN ON THIS PLAT ARE "GROUND".
- FIELD SURVEY COMPLETED ON 05/20/2020.

SCALE: 1"=100'

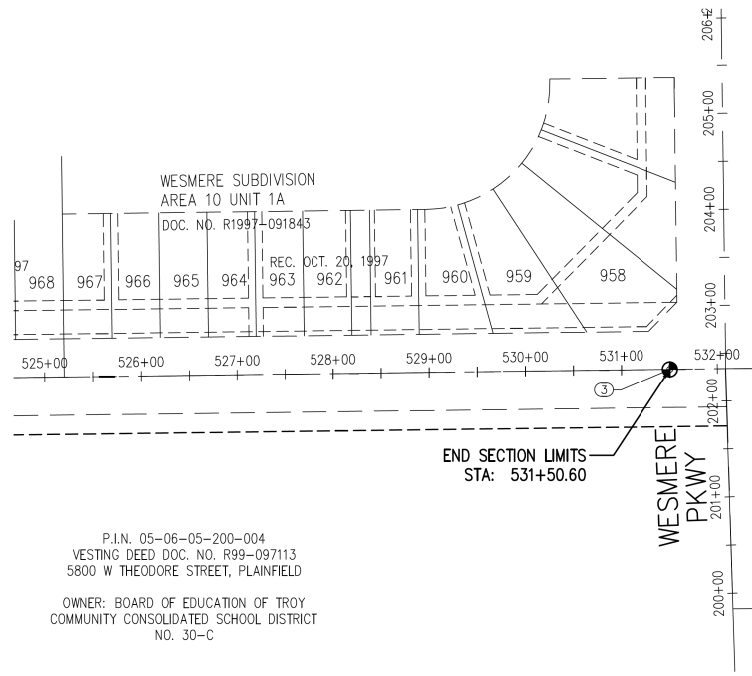
STATE OF ILLINOIS)
)SS
 COUNTY OF DUPAGE)

THIS IS TO CERTIFY THAT WE, V3 COMPANIES, LTD., AN ILLINOIS PROFESSIONAL DESIGN FIRM LAND SURVEYING CORPORATION, 184000902, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN PART OF SECTION 5, TOWNSHIP 35 NORTH, RANGE 9 EAST OF THE THIRD PRINCIPAL MERIDIAN, AND PART OF SECTIONS 32 AND 33, TOWNSHIP 36 NORTH, RANGE 9 EAST OF THE THIRD PRINCIPAL MERIDIAN, IN WILL COUNTY, ILLINOIS, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED, MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

GIVEN UNDER MY HAND AND SEAL THIS 29TH DAY OF JULY, A.D., 2024.

CHARLES W. BARTOSZ
 3188 PROFESSIONAL LAND SURVEYOR STATE OF ILLINOIS
 MY LICENSE EXPIRES ON NOVEMBER 30, 2024.
 THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY.
 tstrickland@v3co.com

V
 Engineers 7325 Janes Avenue, Suite 100
 Scientists Woodridge, IL 60517
 Surveyors 630.724.9200 voice
 630.724.0384 fax
 v3co.com



PROJECT COORDINATES
 ILLINOIS STATE PLANE, EAST ZONE, NAD83 (2011)

POINT #	NORTHING	EASTING	THEODORE ST. STA.	OFFSET
1	1778725.397	1012224.103	506+59	0.00'
2	1778733.854	1012886.969	513+21.92	0.00'
3	1778757.183	1014715.500	531+50.60	0.00'
4	1778685.370	1012222.236	506+56.62	40.00'
5	1778675.373	1012222.530	506+56.79	50.00'
6	1778686.935	1013128.768	515+63.10	50.00'
7	1778696.931	1013128.452	515+62.91	40.00'

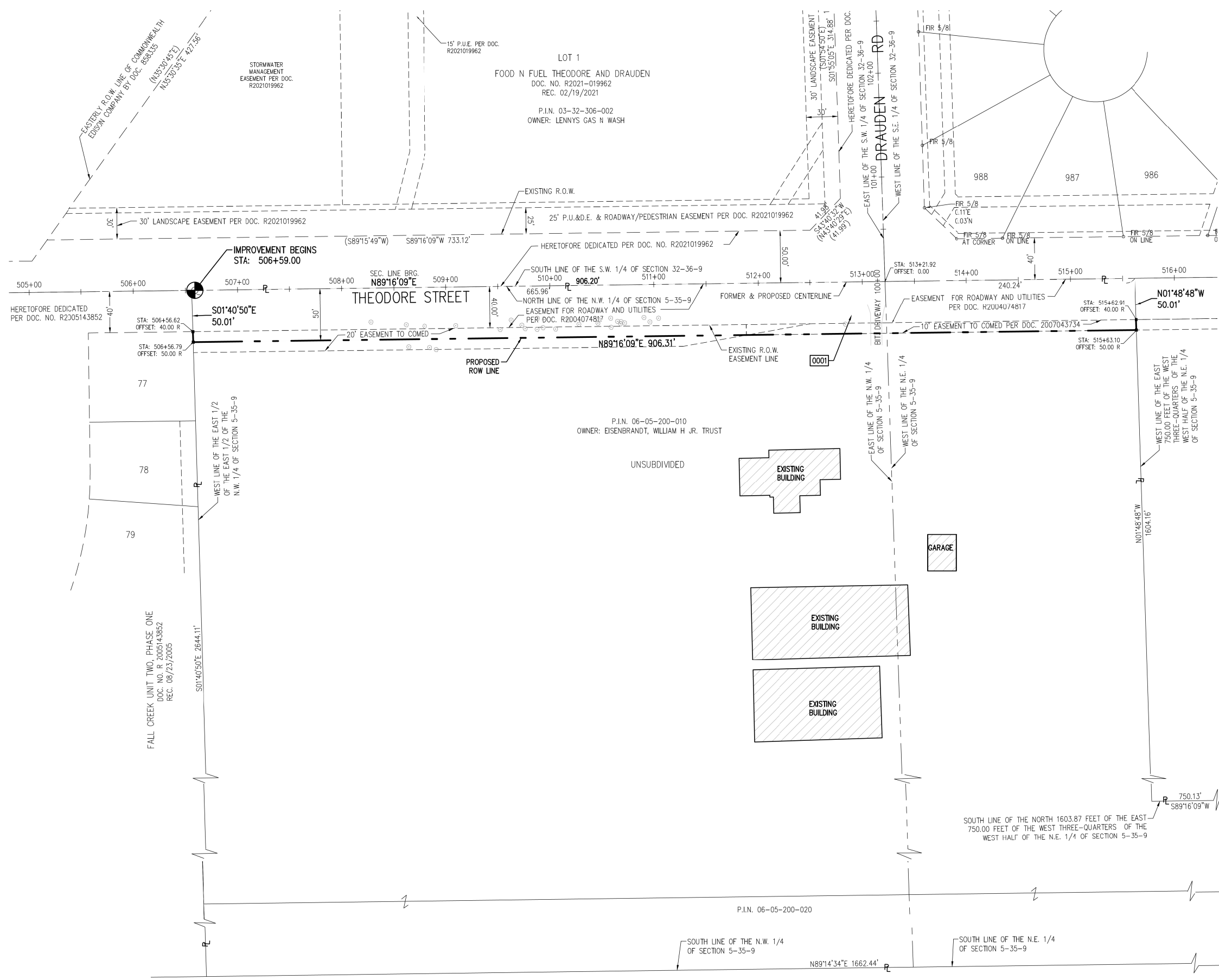
PLAT OF HIGHWAYS
 STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION
 THEODORE ST. (FAU ROUTE 400)

LIMITS: STAGHORN DR. TO WEST OF WESMERE PKWY. COUNTY: WILL
 SECTION: 18-00515-01-WR JOB NO.: C-91-277-24
 STA. 506+59.00 TO STA. 531+50.60
 SCALE: 1"= 100' SHEET 41 OF 115 SHEETS

DOT USE ONLY

BUREAU OF LAND ACQUISITION
 201 WEST CENTER COURT
 SCHAUMBURG, ILLINOIS 60196-1096

PART OF SECTION 5, TWP. 35 N., R. 9 E. OF THE 3RD. P.M., AND PART OF SECTIONS 32, TWP. 36 N., R. 9 E. OF THE 3RD. P.M. IN WILL COUNTY, ILLINOIS.



LEGEND

SECTION CORNER: 9 10 16 15

QUARTER CORNER: 9 10 SECTION CORNER

GRAPHIC SCALE FEET: 0 50 SCALE: 1"=50'

SECTION / QUARTER SECTION LINE

PLATTED LOT LINES

PROPERTY (DEED) LINE

APPARENT PROPERTY LINE

EXISTING CENTERLINE

PROPOSED CENTERLINE

EXISTING RIGHT OF WAY LINE

PROPOSED RIGHT OF WAY LINE

EXISTING EASEMENT

PROPOSED EASEMENT

EXISTING ACCESS CONTROL LINE

PROPOSED ACCESS CONTROL LINE

MEASURED DIMENSION

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STAKING OF PROPOSED RIGHT OF WAY. SET DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN. IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.

STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS. BURIED 5/8 INCH METAL ROD 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY MARKER POSITION IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.

RIGHT OF WAY STAKING PROPOSED TO BE SET

SURVEY NOTES:

- ALL DIMENSIONS ARE MEASURED UNLESS OTHERWISE SPECIFIED.
- BEARINGS AND DISTANCES SHOWN HEREON ARE ON THE ILLINOIS STATE PLANE COORDINATE SYSTEM, EAST ZONE, NORTH AMERICAN DATUM OF 1983 (2011 ADJUSTMENT) "GRID".
- ALL MEASURED AND CALCULATED DISTANCES ARE "GRID" NOT "GROUND". TO OBTAIN GROUND DISTANCES, DIVIDE GRID DISTANCES BY THE COMBINATION FACTOR OF 0.999951421.
- AREAS SHOWN ON THIS PLAT ARE "GROUND".
- FIELD SURVEY COMPLETED ON 05/20/2020.

STATE OF ILLINOIS)
COUNTY OF DUPAGE)

THIS IS TO CERTIFY THAT WE, V3 COMPANIES, LTD., AN ILLINOIS PROFESSIONAL DESIGN FIRM LAND SURVEYING CORPORATION, 184000902, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN PART OF SECTION 5, TOWNSHIP 35 NORTH, RANGE 9 EAST OF THE THIRD PRINCIPAL MERIDIAN, AND PART OF SECTIONS 32 AND 33, TOWNSHIP 36 NORTH, RANGE 9 EAST OF THE THIRD PRINCIPAL MERIDIAN, IN WILL COUNTY, ILLINOIS, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED, MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

GIVEN UNDER MY HAND AND SEAL THIS 29TH DAY OF JULY, A.D., 2024

Charles W. Bartosz
CHARLES W. BARTOSZ
ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 35-3188
MY LICENSE EXPIRES ON NOVEMBER 30, 2024.
THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY.
tstrickland@v3co.com



V3 Engineers | 7325 Janes Avenue, Suite 100
Scientists | Woodridge, IL 60517
Surveyors | 630.724.9200 voice
630.724.0384 fax
v3co.com

PLAT OF HIGHWAYS
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
THEODORE ST. (FAU ROUTE 400)

LIMITS: STAGHORN DR. TO WEST OF WESMERE PKWY. COUNTY: WILL
SECTION: 18-00515-01-WR JOB NO.: C-91-277-24
STA. 506+59.00 TO STA. 516+00
SCALE: 1"= 50' SHEET 42 OF 115 SHEETS

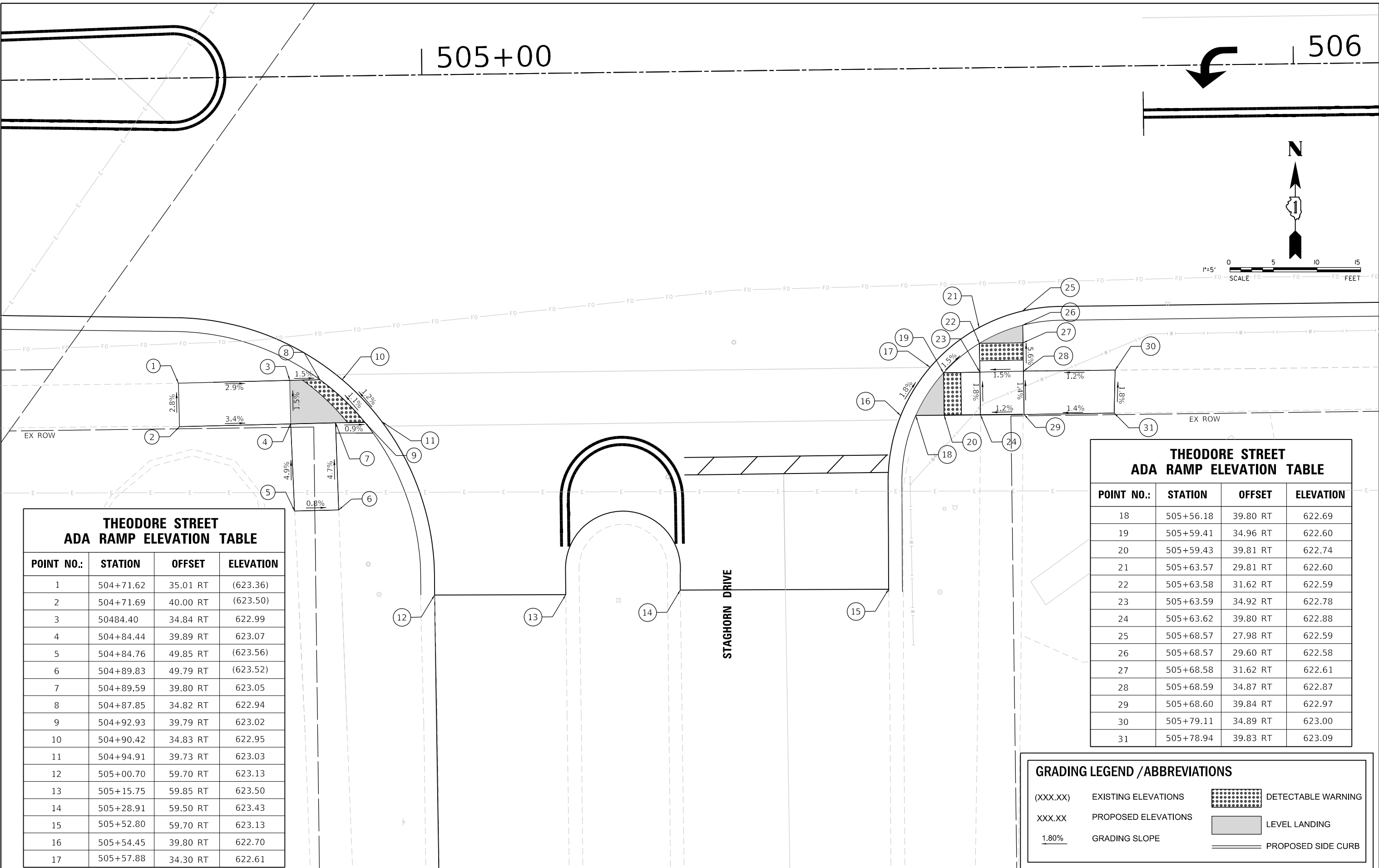
BUREAU OF LAND ACQUISITION
201 WEST CENTER COURT
SCHAUMBURG, ILLINOIS 60196-1096

PARCEL NUMBER	TOTAL HOLDINGS ACRES	PART TAKEN ACRES	AREA IN EXISTING R.O.W. ACRES	REMAINDER AREA ACRES	EASEMENT AREA		PARCEL INDEX NUMBER
					ACRES	SQUARE FEET	
0001	73.078	1.040	0.832	72.038	N/A	N/A	05-06-05-200-010 05-06-05-200-020

REVISION DATE: 07/29/24
REVISION DATE: 07/17/23
REVISION MADE BY: CWB
REVISION MADE BY: SPK

505+00

506



**THEODORE STREET
ADA RAMP ELEVATION TABLE**

POINT NO.:	STATION	OFFSET	ELEVATION
1	504+71.62	35.01 RT	(623.36)
2	504+71.69	40.00 RT	(623.50)
3	50484.40	34.84 RT	622.99
4	504+84.44	39.89 RT	623.07
5	504+84.76	49.85 RT	(623.56)
6	504+89.83	49.79 RT	(623.52)
7	504+89.59	39.80 RT	623.05
8	504+87.85	34.82 RT	622.94
9	504+92.93	39.79 RT	623.02
10	504+90.42	34.83 RT	622.95
11	504+94.91	39.73 RT	623.03
12	505+00.70	59.70 RT	623.13
13	505+15.75	59.85 RT	623.50
14	505+28.91	59.50 RT	623.43
15	505+52.80	59.70 RT	623.13
16	505+54.45	39.80 RT	622.70
17	505+57.88	34.30 RT	622.61

**THEODORE STREET
ADA RAMP ELEVATION TABLE**

POINT NO.:	STATION	OFFSET	ELEVATION
18	505+56.18	39.80 RT	622.69
19	505+59.41	34.96 RT	622.60
20	505+59.43	39.81 RT	622.74
21	505+63.57	29.81 RT	622.60
22	505+63.58	31.62 RT	622.59
23	505+63.59	34.92 RT	622.78
24	505+63.62	39.80 RT	622.88
25	505+68.57	27.98 RT	622.59
26	505+68.57	29.60 RT	622.58
27	505+68.58	31.62 RT	622.61
28	505+68.59	34.87 RT	622.87
29	505+68.60	39.84 RT	622.97
30	505+79.11	34.89 RT	623.00
31	505+78.94	39.83 RT	623.09

GRADING LEGEND / ABBREVIATIONS

(XXX.XX) EXISTING ELEVATIONS DETECTABLE WARNING

XXX.XX PROPOSED ELEVATIONS LEVEL LANDING

1.80% GRADING SLOPE PROPOSED SIDE CURB

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V3 Companies
7325 Janes Avenue
Woodridge, IL 60517
630.724.9200 phone
630.724.9202 fax
www.v3co.com

USER NAME = lyanisch
PLOT SCALE = 10'
PLOT DATE = 11/12/2024

DESIGNED - CJF
DRAWN - DRP
CHECKED - MJR
DATE - 9/17/2024

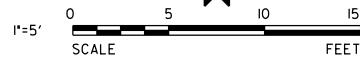
REVISED -
REVISED -
REVISED -
REVISED -

THEODORE STREET WIDEN AND RESURFACE

ADA GRADING PLAN

JOLIET ILLINOIS SCALE: 1"=5' SHEET 1 OF 8 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
400	18-00515-01-WR	WILL	115	43
CONTRACT NO. 61K81				
ILLINOIS FED. AID PROJECT				



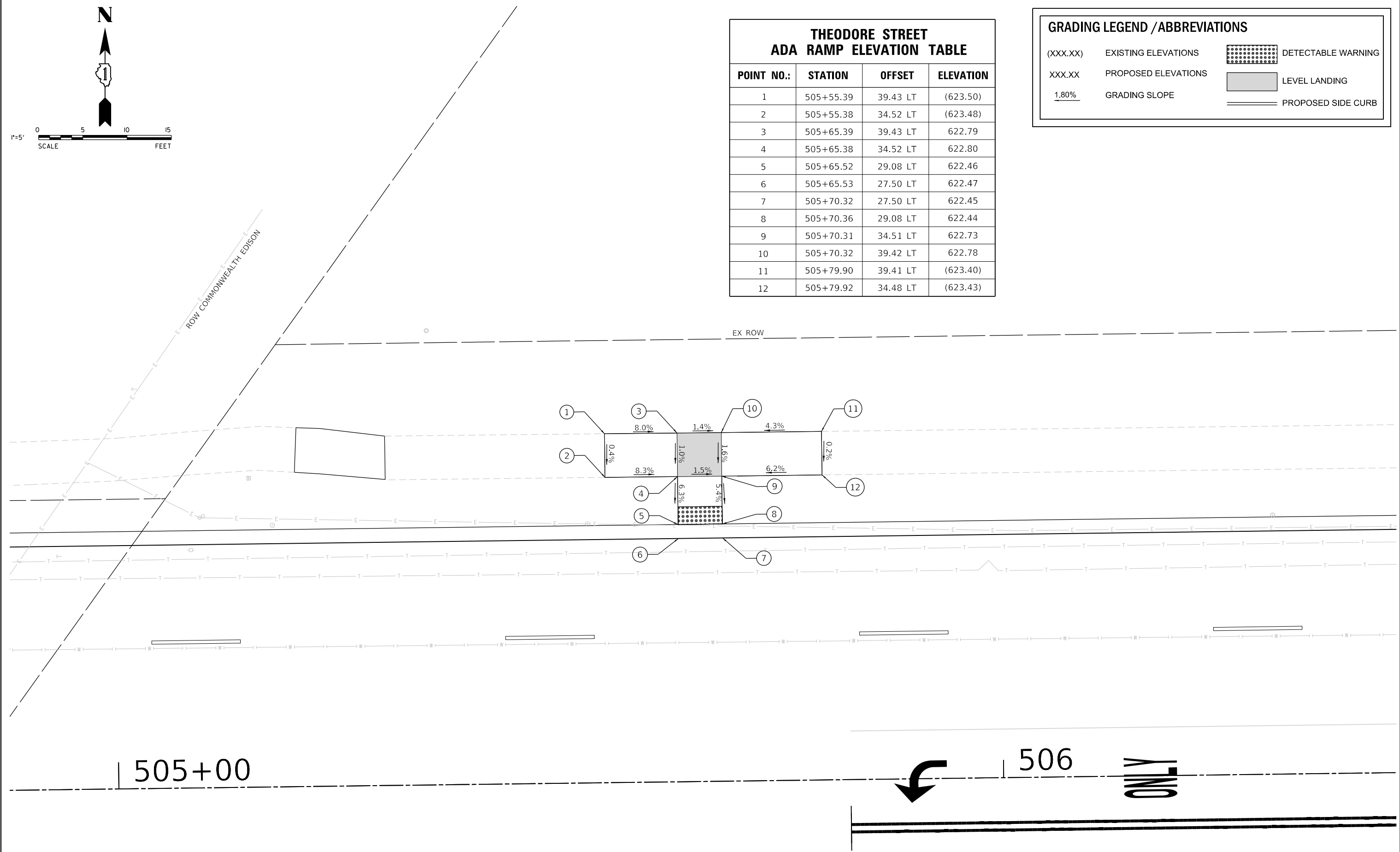
THEODORE STREET ADA RAMP ELEVATION TABLE			
POINT NO.:	STATION	OFFSET	ELEVATION
1	505+55.39	39.43 LT	(623.50)
2	505+55.38	34.52 LT	(623.48)
3	505+65.39	39.43 LT	622.79
4	505+65.38	34.52 LT	622.80
5	505+65.52	29.08 LT	622.46
6	505+65.53	27.50 LT	622.47
7	505+70.32	27.50 LT	622.45
8	505+70.36	29.08 LT	622.44
9	505+70.31	34.51 LT	622.73
10	505+70.32	39.42 LT	622.78
11	505+79.90	39.41 LT	(623.40)
12	505+79.92	34.48 LT	(623.43)

GRADING LEGEND / ABBREVIATIONS

(XXX.XX) EXISTING ELEVATIONS DETECTABLE WARNING

XXX.XX PROPOSED ELEVATIONS LEVEL LANDING

1.80% GRADING SLOPE PROPOSED SIDE CURB






505+00

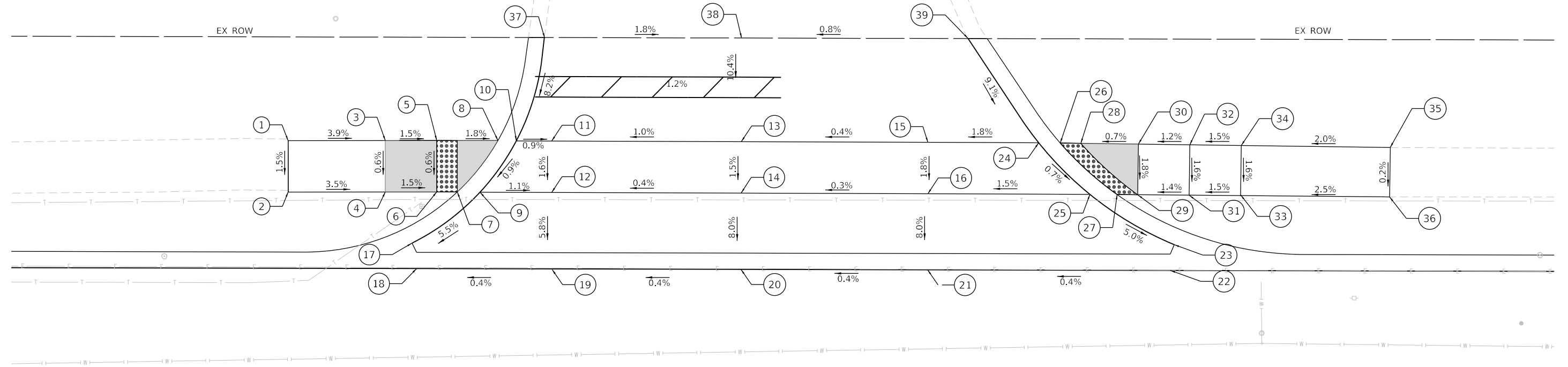
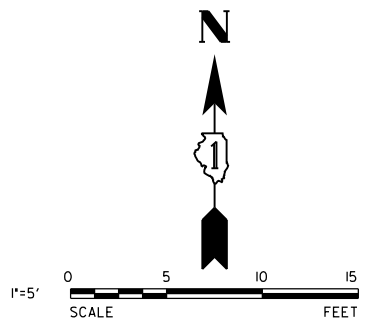
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V3 Companies 7325 Janes Avenue Woodridge, IL 60517 630.724.9200 phone 630.724.9202 fax www.v3co.com	USER NAME = lyanisch	DESIGNED - CJF	REVISED -	THEODORE STREET WIDEN AND RESURFACE JOLIET ILLINOIS	ADA GRADING PLAN SCALE: 1"=5' SHEET 2 OF 8 SHEETS STA. TO STA.			F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 10'	CHECKED - MJR	REVISED -					400	18-00515-01-WR	WILL	115	44
PLOT DATE = 11/12/2024	DATE - 9/17/2024	REVISED -						CONTRACT NO. 61K81				
								ILLINOIS FED. AID PROJECT				

GRADING LEGEND / ABBREVIATIONS

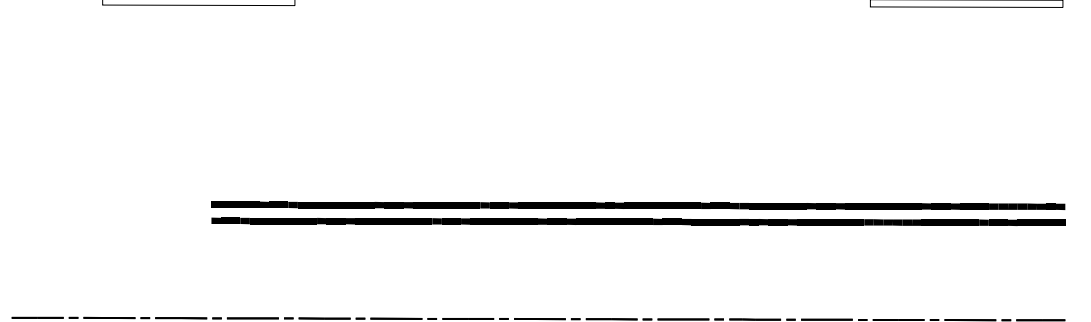
(XXX.XX)	EXISTING ELEVATIONS		DETECTABLE WARNING
XXX.XX	PROPOSED ELEVATIONS		LEVEL LANDING
1.80%	GRADING SLOPE		PROPOSED SIDE CURB



THEODORE STREET ADA RAMP ELEVATION TABLE			
POINT NO.:	STATION	OFFSET	ELEVATION
1	508+49.90	39.92 LT	623.56
2	508+49.92	34.91 LT	623.48
3	508+60.66	39.92 LT	623.19
4	508+60.75	34.94 LT	623.16
5	508+60.75	34.94 LT	623.11
6	508+62.73	34.96 LT	623.08
7	508+69.76	39.95 LT	623.05
8	508+70.30	39.98 LT	623.08
9	508+65.19	34.92 LT	623.06
10	508+69.76	39.95 LT	623.09
11	508+75.53	39.94 LT	623.06
12	508+75.54	34.94 LT	622.98
13	508+93.95	39.92 LT	623.25

THEODORE STREET ADA RAMP ELEVATION TABLE			
POINT NO.:	STATION	OFFSET	ELEVATION
14	508+93.96	34.92 LT	623.17
15	509+12.09	39.90 LT	623.32
16	509+12.09	34.90 LT	623.23
17	508+61.97	29.98 LT	622.60
18	508+62.42	27.50 LT	622.52
19	508+75.57	27.50 LT	622.57
20	508+93.96	27.50 LT	622.64
21	509+12.10	27.50 LT	622.71
22	509+35.71	27.50 LT	622.8
23	509+36.07	29.97 LT	622.99
24	509+22.87	39.89 LT	623.52
25	509+27.95	34.81 LT	623.47
26	509+24.96	39.86 LT	623.51

THEODORE STREET ADA RAMP ELEVATION TABLE			
POINT NO.:	STATION	OFFSET	ELEVATION
27	509+30.50	34.87 LT	623.46
28	509+26.93	39.84 LT	623.53
29	509+32.50	34.85 LT	623.48
30	509+32.56	39.78 LT	623.57
31	309+37.50	34.82 LT	623.55
32	509+37.66	39.72 LT	623.63
33	509+42.60	34.79 LT	623.63
34	509+42.56	39.67 LT	623.71
35	509+57.05	39.51 LT	(624.00)
36	509+57.00	34.70 LT	(623.99)
37	508+74.80	50.00 LT	(623.95)
38	508+93.96	50.00 LT	(624.30)
39	509+15.98	50.00 LT	(624.47)



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V3 Companies
 7325 Janes Avenue
 Woodridge, IL 60517
 630.724.9200 phone
 630.724.9202 fax
 www.v3co.com

USER NAME = lyanisch
 DESIGNED - CJF
 DRAWN - DRP
 CHECKED - MJR
 DATE - 9/17/2024

REVISED -
 REVISED -
 REVISED -
 REVISED -

THEODORE STREET WIDEN AND RESURFACE

JOLIET

ILLINOIS

ADA GRADING PLAN

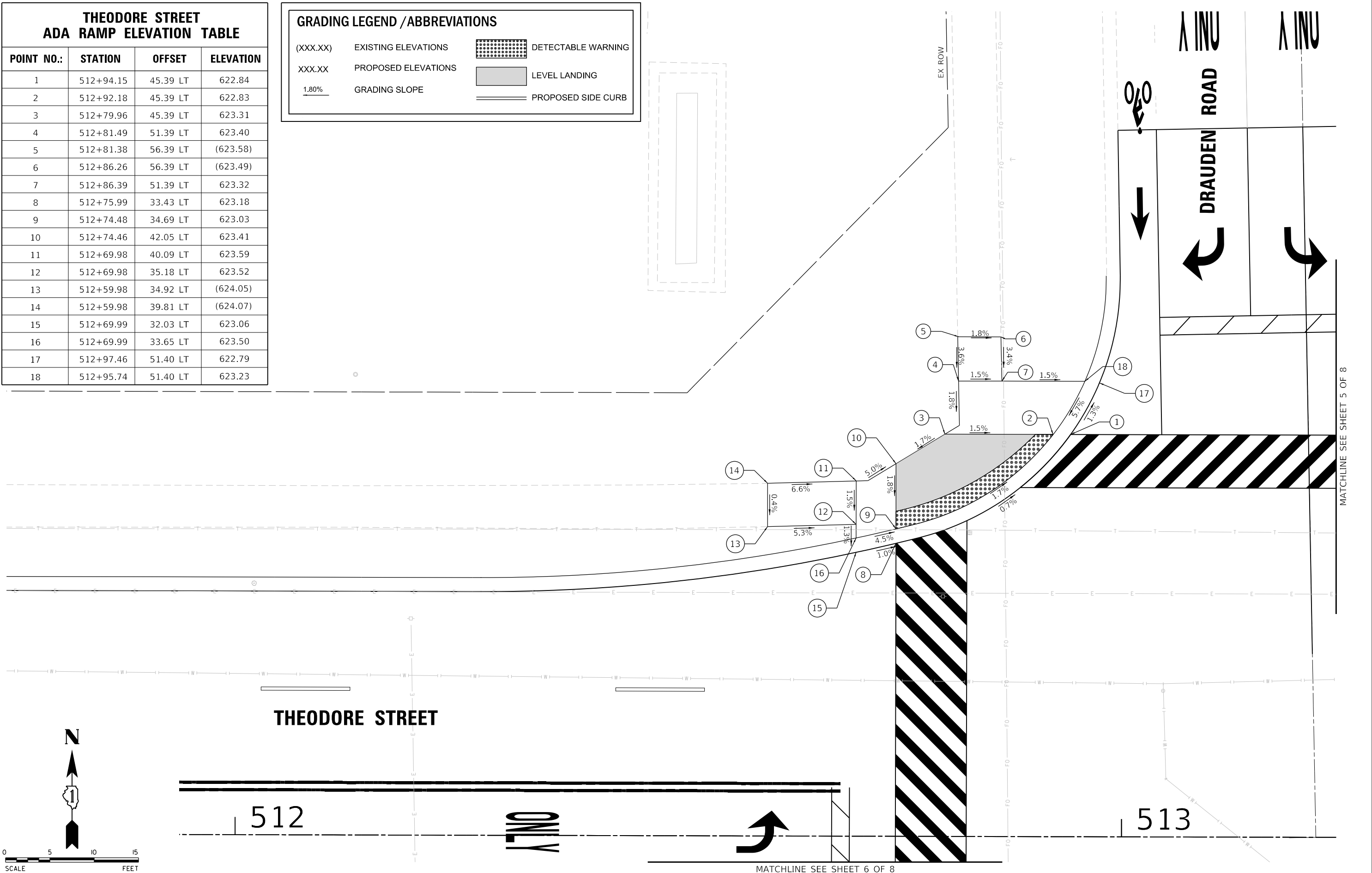
SCALE: 1"=5' SHEET 3 OF 8 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
400	18-00515-01-WR	WILL	115	45
CONTRACT NO. 61K81				
ILLINOIS		FED. AID PROJECT		

THEODORE STREET ADA RAMP ELEVATION TABLE			
POINT NO.:	STATION	OFFSET	ELEVATION
1	512+94.15	45.39 LT	622.84
2	512+92.18	45.39 LT	622.83
3	512+79.96	45.39 LT	623.31
4	512+81.49	51.39 LT	623.40
5	512+81.38	56.39 LT	(623.58)
6	512+86.26	56.39 LT	(623.49)
7	512+86.39	51.39 LT	623.32
8	512+75.99	33.43 LT	623.18
9	512+74.48	34.69 LT	623.03
10	512+74.46	42.05 LT	623.41
11	512+69.98	40.09 LT	623.59
12	512+69.98	35.18 LT	623.52
13	512+59.98	34.92 LT	(624.05)
14	512+59.98	39.81 LT	(624.07)
15	512+69.99	32.03 LT	623.06
16	512+69.99	33.65 LT	623.50
17	512+97.46	51.40 LT	622.79
18	512+95.74	51.40 LT	623.23

GRADING LEGEND / ABBREVIATIONS

(XXX.XX) EXISTING ELEVATIONS [Grid Pattern] DETECTABLE WARNING
 XXX.XX PROPOSED ELEVATIONS [Solid Grey] LEVEL LANDING
 1.80% GRADING SLOPE [Double Line] PROPOSED SIDE CURB



MATCHLINE SEE SHEET 5 OF 8

MATCHLINE SEE SHEET 6 OF 8

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V3 Companies
7325 Janes Avenue
Woodridge, IL 60517
630.724.9200 phone
630.724.9202 fax
www.v3co.com

USER NAME = lyanisch	DESIGNED - CJF	REVISED -
PLOT SCALE = 10'	DRAWN - DRP	REVISED -
PLOT DATE = 9/17/2024	CHECKED - MJR	REVISED -
	DATE - 9/17/2024	REVISED -

THEODORE STREET WIDEN AND RESURFACE




JOLIET ILLINOIS

ADA GRADING PLAN

SCALE: 1"=5' SHEET 4 OF 8 SHEETS STA. TO STA.

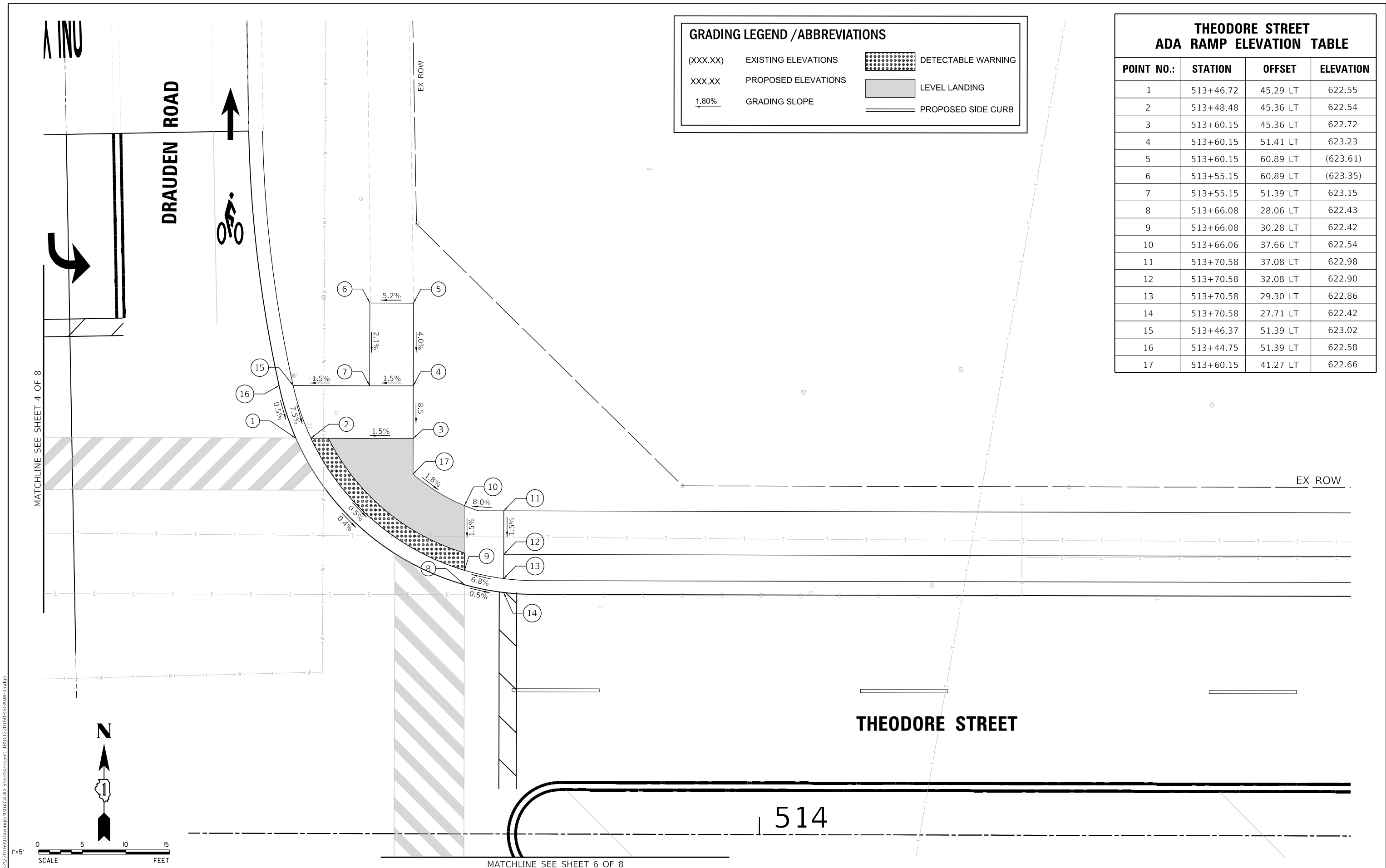
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
400	18-00515-01-WR	WILL	115	46
CONTRACT NO. 61K81			ILLINOIS FED. AID PROJECT	

GRADING LEGEND / ABBREVIATIONS

(XXX.XX)	EXISTING ELEVATIONS		DETECTABLE WARNING
XXX.XX	PROPOSED ELEVATIONS		LEVEL LANDING
1.80%	GRADING SLOPE		PROPOSED SIDE CURB

**THEODORE STREET
ADA RAMP ELEVATION TABLE**

POINT NO.:	STATION	OFFSET	ELEVATION
1	513+46.72	45.29 LT	622.55
2	513+48.48	45.36 LT	622.54
3	513+60.15	45.36 LT	622.72
4	513+60.15	51.41 LT	623.23
5	513+60.15	60.89 LT	(623.61)
6	513+55.15	60.89 LT	(623.35)
7	513+55.15	51.39 LT	623.15
8	513+66.08	28.06 LT	622.43
9	513+66.08	30.28 LT	622.42
10	513+66.06	37.66 LT	622.54
11	513+70.58	37.08 LT	622.98
12	513+70.58	32.08 LT	622.90
13	513+70.58	29.30 LT	622.86
14	513+70.58	27.71 LT	622.42
15	513+46.37	51.39 LT	623.02
16	513+44.75	51.39 LT	622.58
17	513+60.15	41.27 LT	622.66



MODEL: Default
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V3 Companies
7325 Janes Avenue
Woodridge, IL 60517
630.724.9200 phone
630.724.9202 fax
www.v3co.com

USER NAME = lyanisch	DESIGNED - CJF	REVISED -
PLOT SCALE = 10'	DRAWN - DRP	REVISED -
PLOT DATE = 11/12/2024	CHECKED - MJR	REVISED -
	DATE - 9/17/2024	REVISED -

THEODORE STREET WIDEN AND RESURFACE

JOLIET ILLINOIS

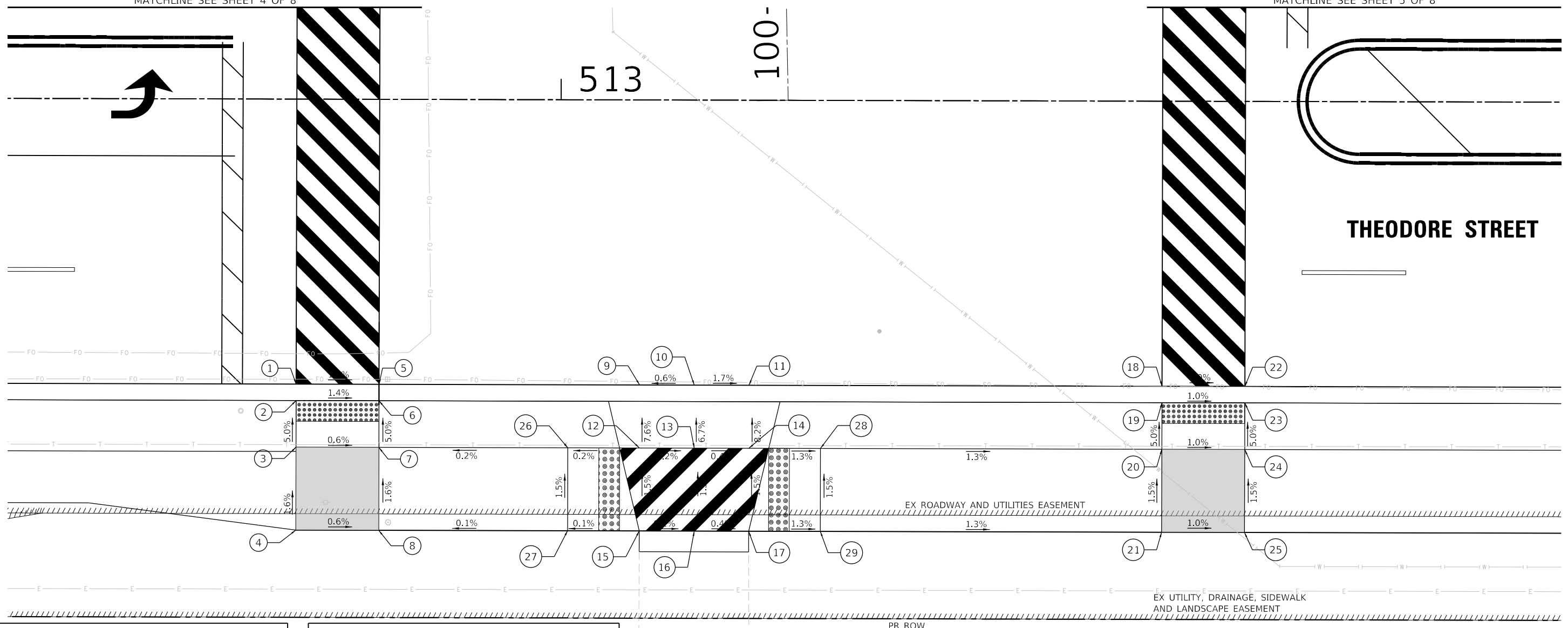
ADA GRADING PLAN

SCALE: 1"=5' SHEET 5 OF 8 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	18-00515-01-WR	WILL	115	47
CONTRACT NO. 61K81			ILLINOIS FED. AID PROJECT	

MATCHLINE SEE SHEET 4 OF 8

MATCHLINE SEE SHEET 5 OF 8



**THEODORE STREET
ADA RAMP ELEVATION TABLE**

POINT NO.:	STATION	OFFSET	ELEVATION
1	512+74.48	27.50 RT	623.00
2	512+74.48	29.08 RT	622.99
3	512+74.48	33.58 RT	623.22
4	512+74.48	41.58 RT	623.35
5	512+82.48	27.50 RT	622.95
6	512+82.48	29.08 RT	622.94
7	512+82.48	33.58 RT	623.17
8	512+82.48	41.58 RT	623.30
9	513+07.64	27.50 RT	622.80
10	513+12.92	27.50 RT	622.83
11	513+18.20	27.50 RT	622.74
12	513+07.64	33.58 RT	623.21
13	513+12.94	33.58 RT	623.20
14	513+18.20	33.58 RT	623.18
15	513+07.64	41.58 RT	623.33

**THEODORE STREET
ADA RAMP ELEVATION TABLE**

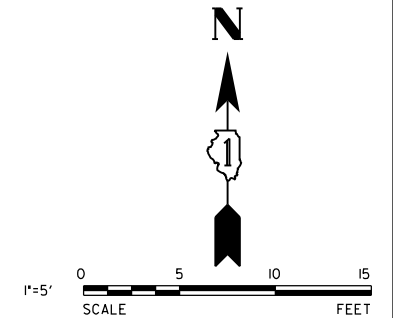
POINT NO.:	STATION	OFFSET	ELEVATION
16	513+12.96	41.58 RT	623.32
17	513+18.20	41.58 RT	623.30
18	513+58.08	27.50 RT	622.35
19	513+58.08	29.08 RT	622.43
20	513+58.08	33.58 RT	622.66
21	513+58.08	41.58 RT	622.78
22	513+66.08	27.50 RT	622.27
23	513+66.08	29.08 RT	622.35
24	513+66.08	33.58 RT	622.58
25	513+66.08	41.58 RT	622.70
26	513+00.72	33.58 RT	623.20
27	513+00.72	41.58 RT	623.32
28	513+25.12	33.58 RT	623.09
29	513+25.12	41.58 RT	623.21

GRADING LEGEND / ABBREVIATIONS

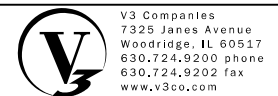
(XXX.XX) EXISTING ELEVATIONS [Grid Pattern] DETECTABLE WARNING

XXX.XX PROPOSED ELEVATIONS [Solid Grey] LEVEL LANDING

1.80% GRADING SLOPE [Double Line] PROPOSED SIDE CURB



MODEL: Default
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USER NAME = lyanisch
 PLOT SCALE = 10'
 PLOT DATE = 9/17/2024

DESIGNED - CJF
 DRAWN - DRP
 CHECKED - MJR
 DATE - 9/17/2024

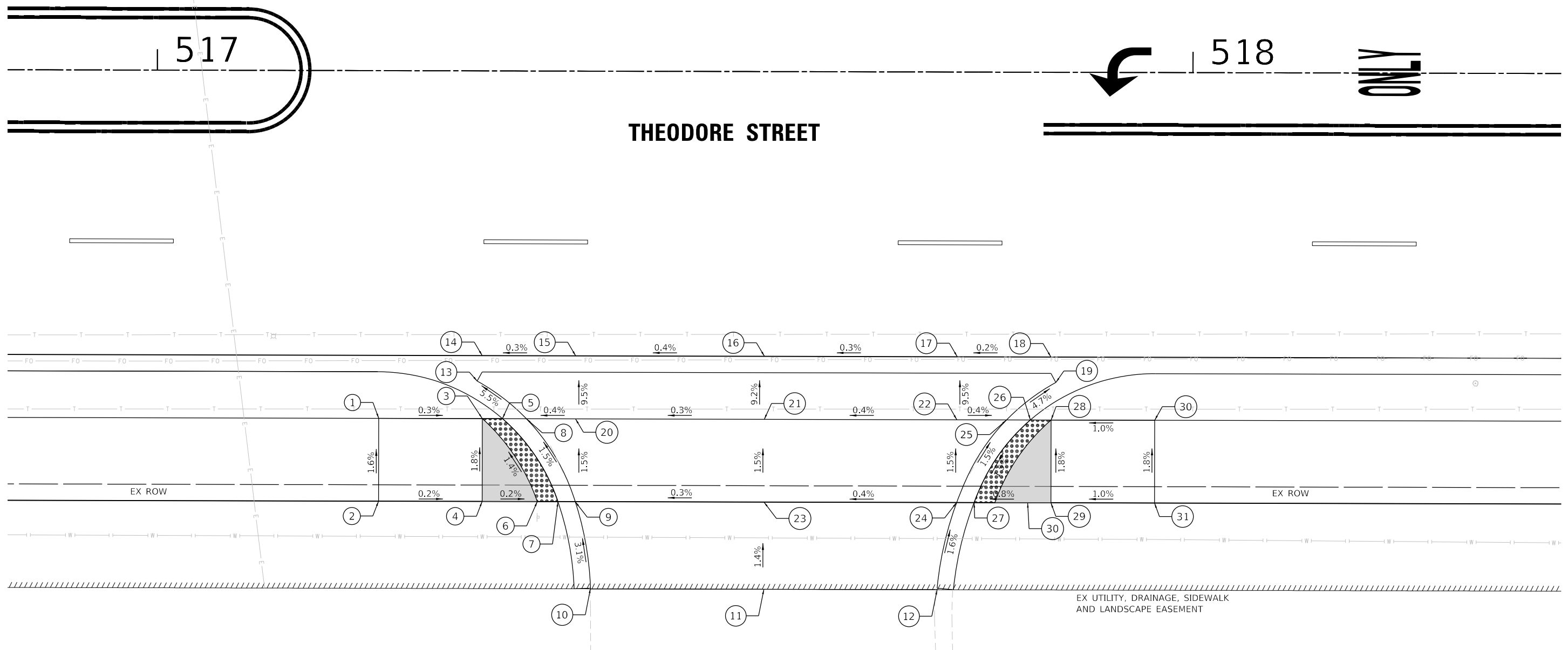
REVISED -
 REVISED -
 REVISED -
 REVISED -

THEODORE STREET WIDEN AND RESURFACE

ADA GRADING PLAN

ILLINOIS SCALE: 1"=5' SHEET 6 OF 8 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	18-00515-01-WR	WILL	115	48
CONTRACT NO. 61K81				
ILLINOIS		FED. AID PROJECT		



**THEODORE STREET
ADA RAMP ELEVATION TABLE**

POINT NO.:	STATION	OFFSET	ELEVATION
1	517+21.46	33.58 RT	621.90
2	517+21.46	41.58 RT	622.03
3	517+31.63	33.58 RT	621.87
4	517+31.63	41.58 RT	622.01
5	517+33.41	33.58 RT	621.86
6	517+33.63	41.58 RT	622.00
7	517+38.79	41.58 RT	621.99
8	517+35.71	33.58 RT	621.85
9	517+40.46	41.58 RT	621.99
10	517+41.95	49.94 RT	(622.25)
11	517+58.68	50.00 RT	(622.16)
12	517+75.42	50.00 RT	(622.26)

**THEODORE STREET
ADA RAMP ELEVATION TABLE**

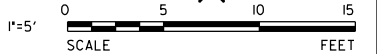
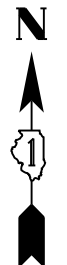
POINT NO.:	STATION	OFFSET	ELEVATION
13	517+30.96	29.96 RT	621.52
14	517+31.44	27.50 RT	621.26
15	517+40.46	27.50 RT	621.29
16	517+58.68	27.50 RT	621.36
17	517+77.28	27.50 RT	621.42
18	517+86.35	27.50 RT	621.43
19	517+86.83	29.96 RT	621.70
20	517+40.46	33.58 RT	621.87
21	517+58.68	33.58 RT	621.92
22	517+77.28	33.58 RT	622.00
23	517+58.68	41.58 RT	622.04
24	518+77.28	41.58 RT	622.12

**THEODORE STREET
ADA RAMP ELEVATION TABLE**

POINT NO.:	STATION	OFFSET	ELEVATION
25	513+66.08	33.58 RT	621.98
26	517+84.38	33.58 RT	621.99
27	517+78.97	41.58 RT	622.14
28	517+86.38	33.58 RT	622.06
29	517+86.13	41.58 RT	622.20
30	517+96.38	33.58 RT	622.16
31	517+96.38	41.58 RT	622.30

GRADING LEGEND / ABBREVIATIONS

(XXX.XX)	EXISTING ELEVATIONS		DETECTABLE WARNING
XXX.XX	PROPOSED ELEVATIONS		LEVEL LANDING
<u>1.80%</u>	GRADING SLOPE		PROPOSED SIDE CURB



MODEL: Default
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V3 Companies
7325 Janes Avenue
Woodridge, IL 60517
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630.724.9202 fax
www.v3co.com

USER NAME = lyanisch	DESIGNED - CJF	REVISED -
PLOT SCALE = 10'	DRAWN - DRP	REVISED -
PLOT DATE = 11/12/2024	CHECKED - MJR	REVISED -
	DATE - 9/17/2024	REVISED -

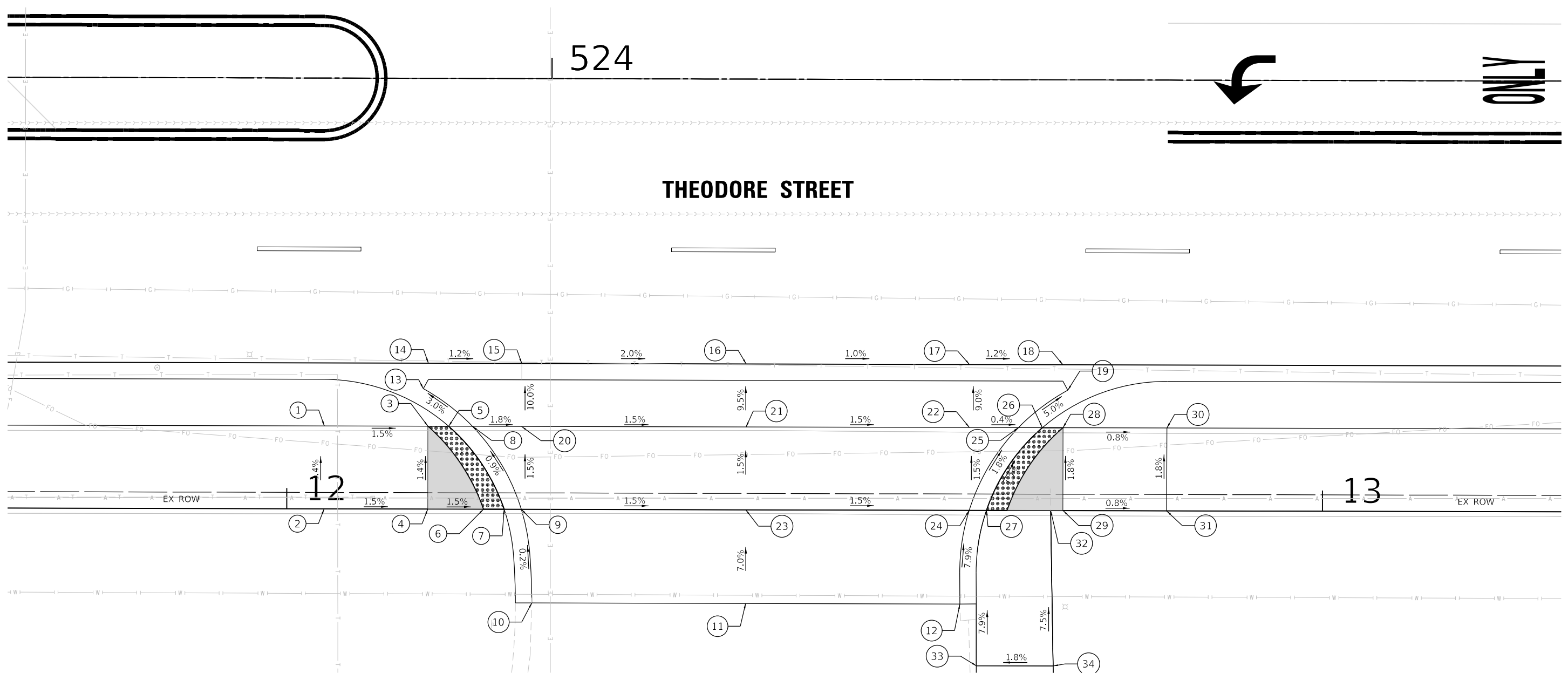
THEODORE STREET WIDEN AND RESURFACE

ADA GRADING PLAN

524

ONLY

THEODORE STREET



**THEODORE STREET
ADA RAMP ELEVATION TABLE**

POINT NO.:	STATION	OFFSET	ELEVATION
1	523+78.09	33.58 RT	622.51
2	523+78.09	41.58 RT	622.62
3	523+88.09	33.58 RT	622.36
4	523+88.09	41.58 RT	622.47
5	523+90.09	33.58 RT	622.33
6	523+93.47	41.58 RT	622.39
7	523+95.47	41.67 RT	622.36
8	523+92.40	33.58 RT	622.25
9	523+97.14	41.58 RT	622.33
10	523+98.16	50.62 RT	(622.35)
11	524+18.81	50.62 RT	(622.35)
12	524+39.45	50.62 RT	(622.41)

**THEODORE STREET
ADA RAMP ELEVATION TABLE**

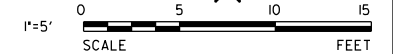
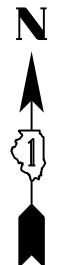
POINT NO.:	STATION	OFFSET	ELEVATION
13	523+87.64	29.96 RT	622.07
14	523+88.12	27.50 RT	621.73
15	523+97.14	27.50 RT	621.60
16	534+18.81	27.50 RT	621.31
17	524+40.38	27.50 RT	621.02
18	524+49.39	27.50 RT	621.31
19	524+49.87	29.96 TR	621.22
20	523+97.14	33.58 RT	622.21
21	524+49.87	33.58 RT	621.89
22	524+40.38	33.58 RT	621.57
23	524+18.81	41.58 RT	622.01
24	524+40.38	41.58 RT	621.69

**THEODORE STREET
ADA RAMP ELEVATION TABLE**

POINT NO.:	STATION	OFFSET	ELEVATION
25	524+45.12	33.58 RT	621.52
26	524+47.42	33.58 RT	621.51
27	524+18.83	41.58 RT	621.68
28	524+49.42	33.58 RT	621.47
29	524+49.42	41.58 RT	621.61
30	524+59.45	33.58 RT	621.39
31	524+59.45	41.58 RT	621.53
32	524+48.24	41.58 RT	621.62
33	524+53.85	41.58 RT	621.61
34	524+53.85	33.58 RT	621.74

GRADING LEGEND / ABBREVIATIONS

- (XXX.XX) EXISTING ELEVATIONS
- xxx.xx PROPOSED ELEVATIONS
- 1.80% GRADING SLOPE
- [Stippled Box] DETECTABLE WARNING
- [Shaded Box] LEVEL LANDING
- [Double Line] PROPOSED SIDE CURB



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USER NAME = lyanisch
 PLOT SCALE = 10'
 PLOT DATE = 9/17/2024

DESIGNED - CJF
 DRAWN - DRP
 CHECKED - MJR
 DATE - 9/17/2024
 REVISED -
 REVISED -
 REVISED -
 REVISED -

JOLIET

THEODORE STREET WIDEN AND RESURFACE

ILLINOIS

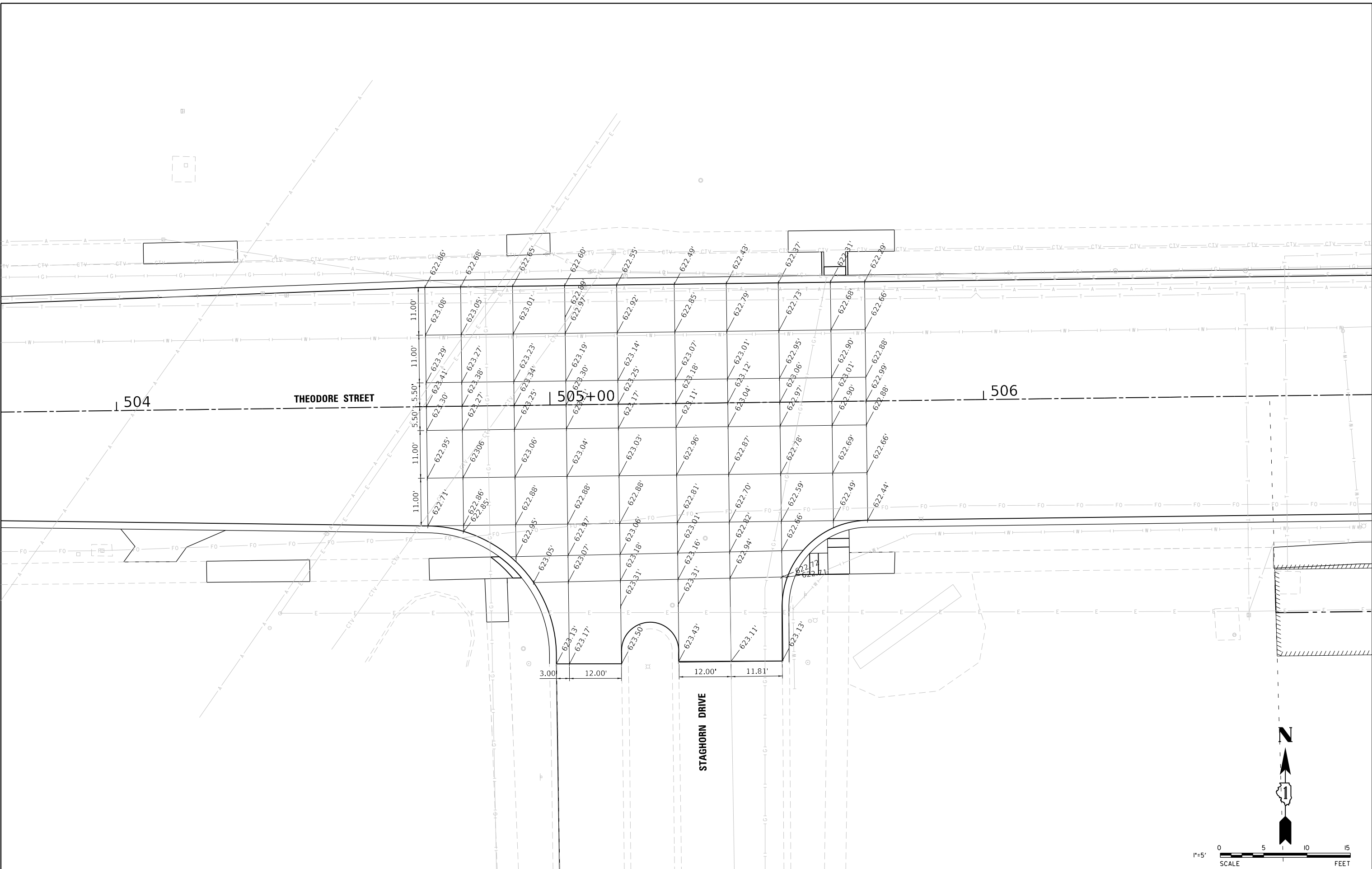
SCALE: 1"=5'

SHEET 8 OF 8 SHEETS STA. TO STA.

ADA GRADING PLAN

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
400	18-00515-01-WR	WILL	115	50
CONTRACT NO. 61K81			ILLINOIS FED. AID PROJECT	

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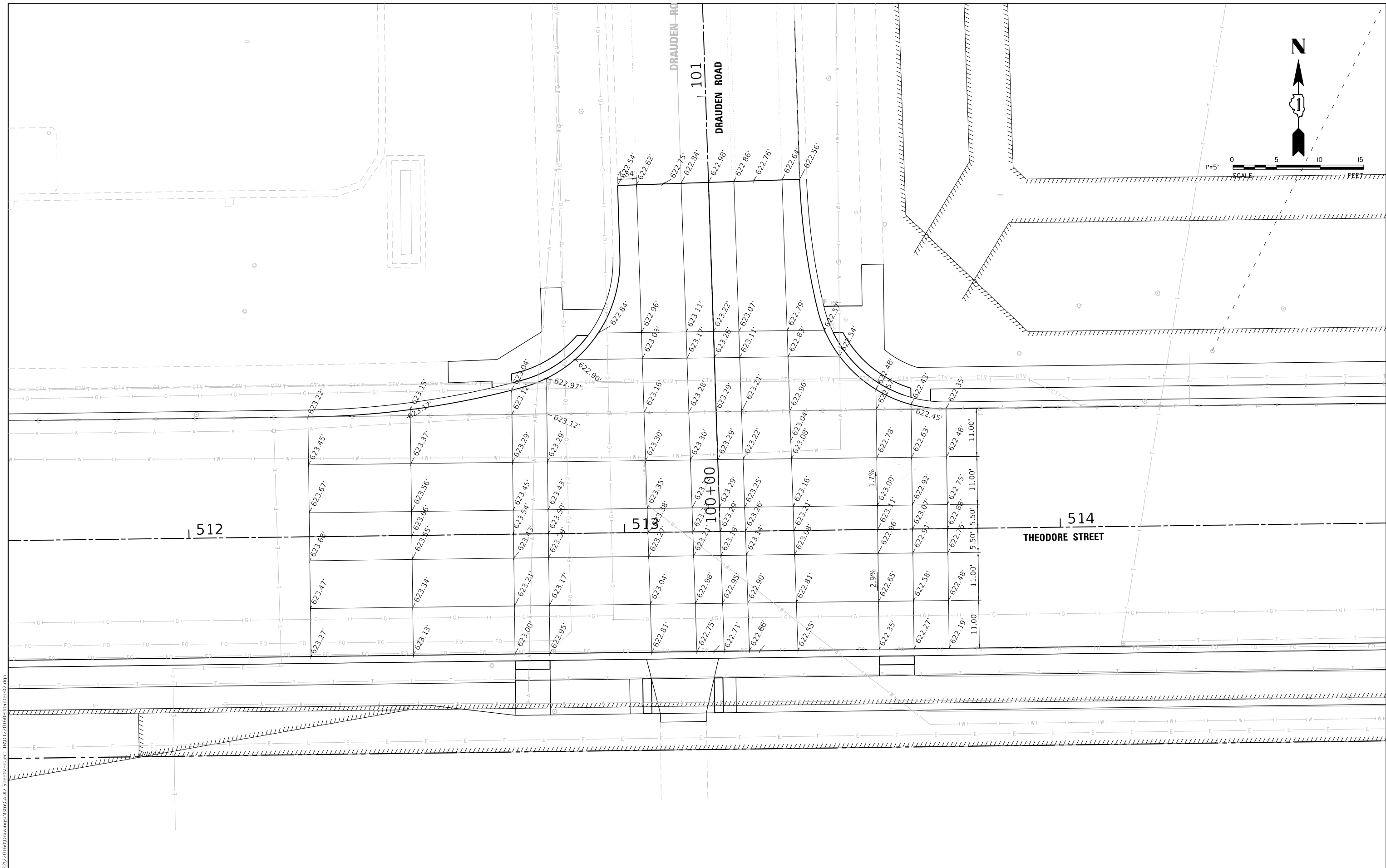
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	DATE - 9/17/2024	REVISED -

THEODORE STREET WIDEN AND RESURFACE


INTERSECTION GRADING PLAN
THEODORE STREET AT STAGHORN DRIVE

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
400	18-00515-01-WR	WILL	115	51
CONTRACT NO. 61K81				
ILLINOIS FED. AID PROJECT				

JOLIET ILLINOIS SCALE: 1"=5' SHEET 1 OF 2 SHEETS STA. TO STA.



MODEL: Default
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 630.724.9200 phone
 630.724.9202 fax
 www.v3co.com

USER NAME = lyanisch
 PLOT SCALE = 20'
 PLOT DATE = 9/17/2024

DESIGNED - CJF
 DRAWN - DRP
 CHECKED - MJR
 DATE - 9/17/2024




REVISED -
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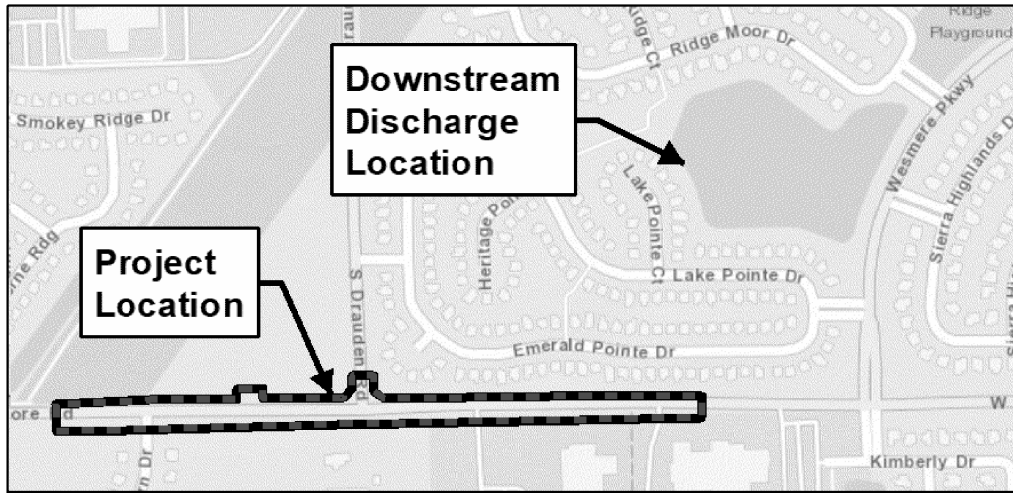
THEODORE STREET WIDEN AND RESURFACE
 JOLIET ILLINOIS

INTERSECTION GRADING PLAN
THEODORE STREET AT DRAUDEN ROAD
 SCALE: 1"=10'
 SHEET 2 OF 2 SHEETS STA. TO STA.

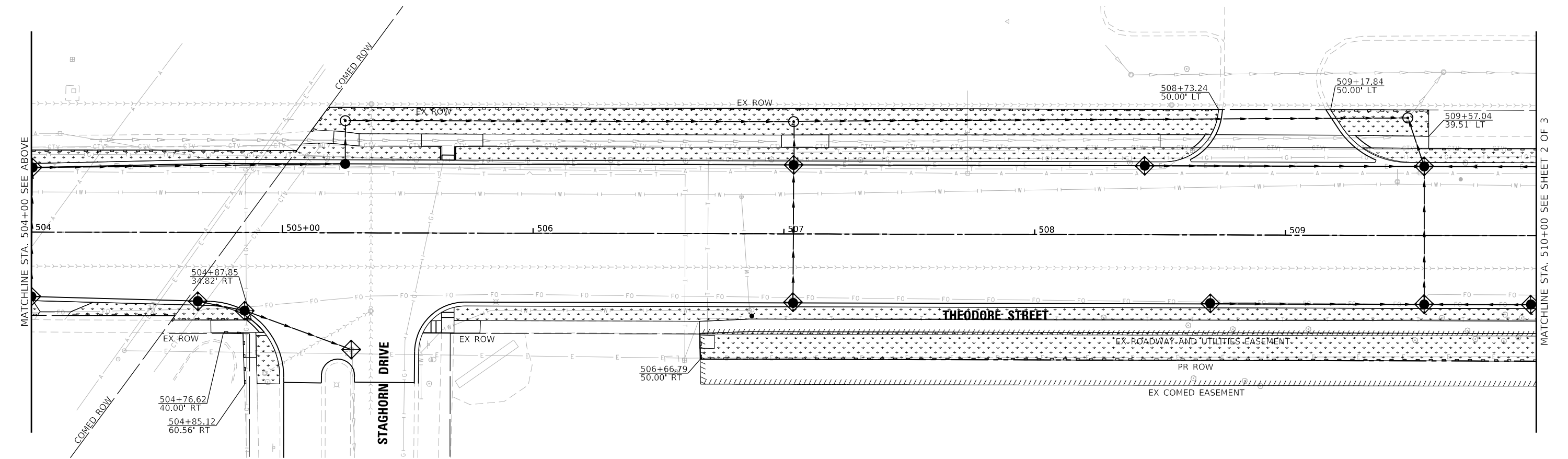
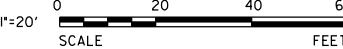
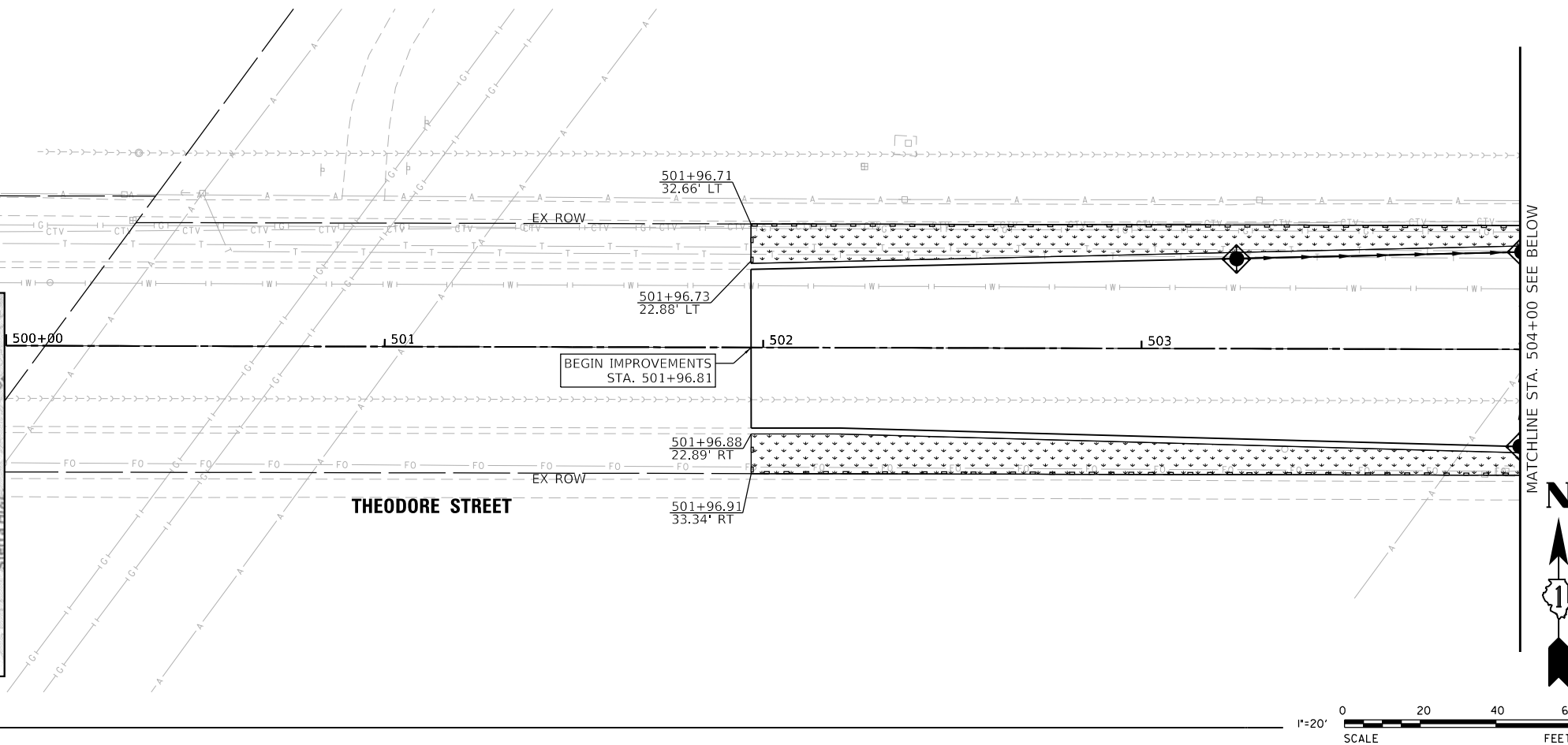
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
400	18-00515-01-WR	WILL	115	52
CONTRACT NO. 61K81				
ILLINOIS FED. AID PROJECT				

LANDSCAPING LEGEND

-  SODDING, SALT TOLERANT TOPSOIL FURNISH AND PLACE, 4"
-  INLET FILTER BASKET (FLEXSTORM PER CITY REQUIREMENTS)
-  PERIMETER EROSION BARRIER



MS4 SITE DISCHARGE LOCATION MAP



MODEL: Default
FILE NAME: R:\2025\220160\Drawings\Main\CADD_Sheets\Project_181D122D160-silt-eros-01.dwg

V3
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630.724.9202 fax
www.v3co.com

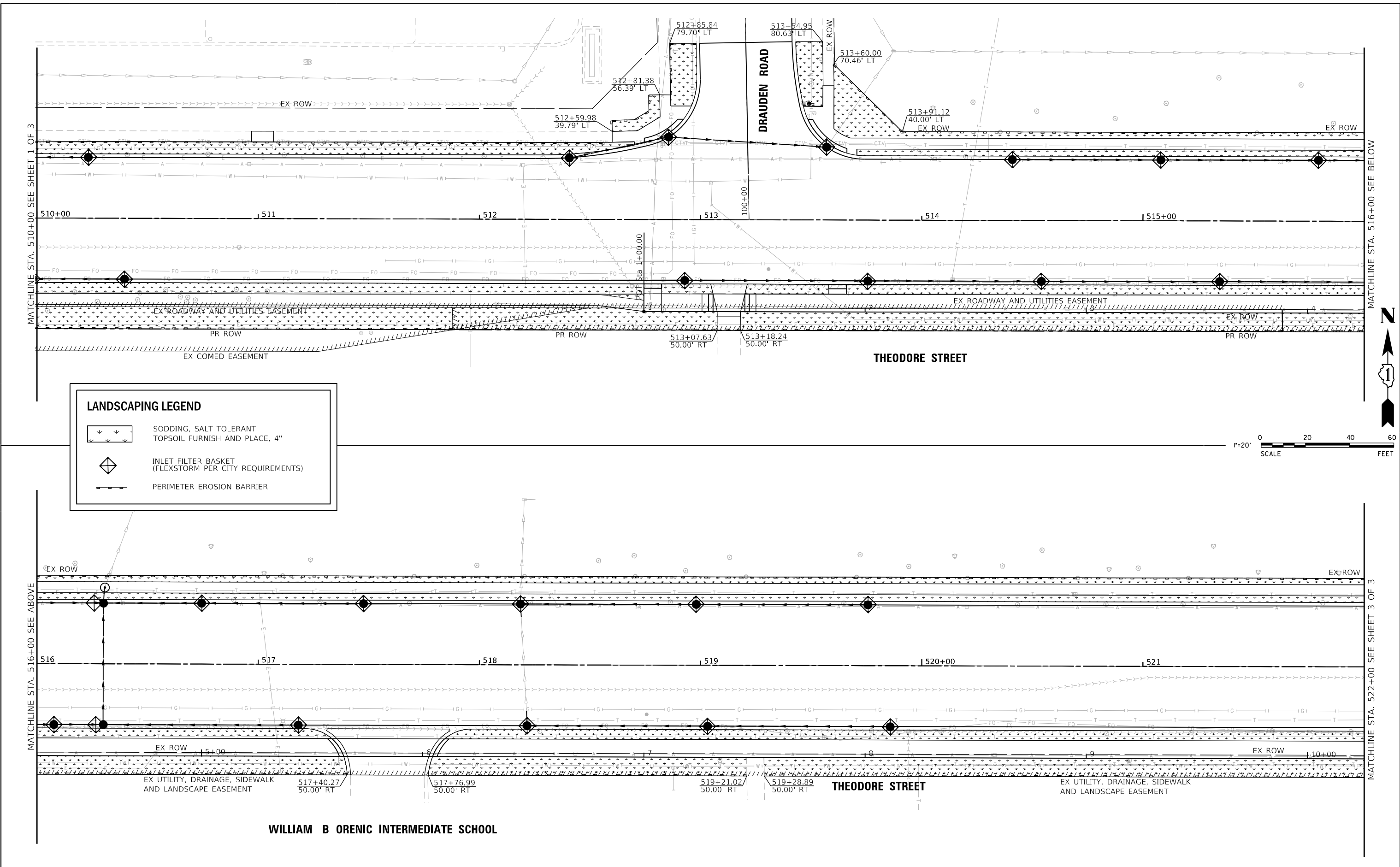
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THEODORE STREET WIDEN AND RESURFACE

EROSION AND SEDIMENT CONTROL PLAN

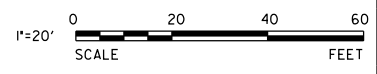
JOLIET ILLINOIS SCALE: 1"=20' SHEET 1 OF 3 SHEETS STA. 500+00.00 TO STA. 510+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
400	18-00515-01-WR	WILL	115	53
CONTRACT NO. 61K81			ILLINOIS FED. AID PROJECT	



LANDSCAPING LEGEND

- SODDING, SALT TOLERANT TOPSOIL FURNISH AND PLACE, 4"
- INLET FILTER BASKET (FLEXSTORM PER CITY REQUIREMENTS)
- PERIMETER EROSION BARRIER



MATCHLINE STA. 510+00 SEE SHEET 1 OF 3

MATCHLINE STA. 516+00 SEE BELOW

MATCHLINE STA. 516+00 SEE ABOVE

MATCHLINE STA. 522+00 SEE SHEET 3 OF 3

WILLIAM B ORENIC INTERMEDIATE SCHOOL

MODEL: Default
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USER NAME = lyanisch	DESIGNED - CJF	REVISED -
PLOT SCALE = 40'	DRAWN - DRP	REVISED -
PLOT DATE = 11/12/2024	CHECKED - MJR	REVISED -
	DATE - 9/17/2024	REVISED -

THEODORE STREET WIDEN AND RESURFACE

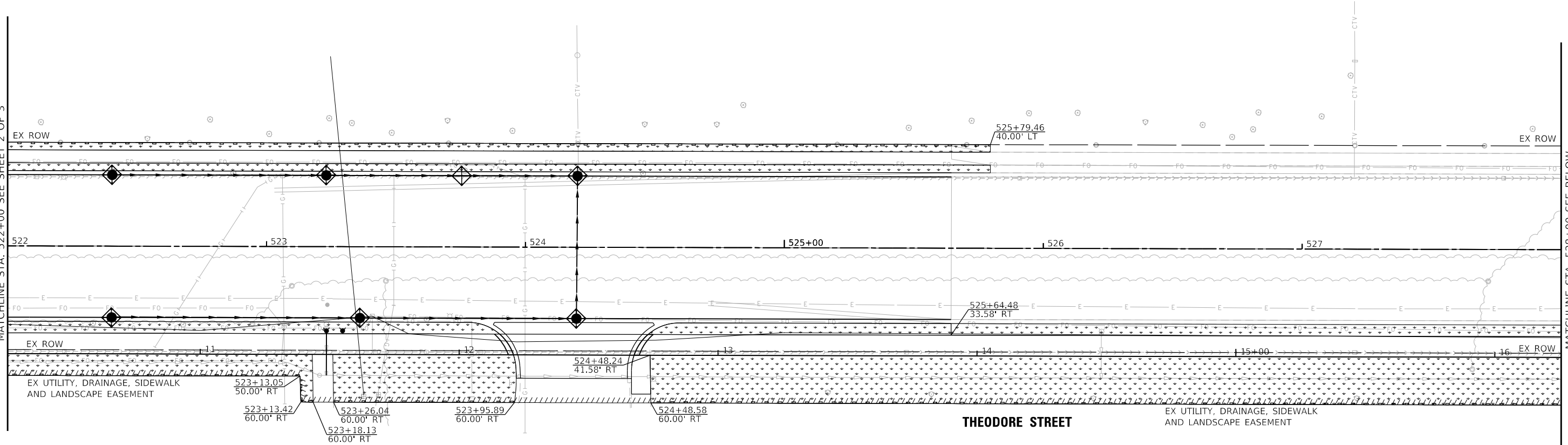
EROSION AND SEDIMENT CONTROL PLAN

JOLIET ILLINOIS SCALE: 1"=20' SHEET 2 OF 3 SHEETS STA. 510+00.00 TO STA. 522+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
400	18-00515-01-WR	WILL	115	54
CONTRACT NO. 61K81				
ILLINOIS		FED. AID PROJECT		

MATCHLINE STA. 522+00 SEE SHEET 2 OF 3

MATCHLINE STA. 528+00 SEE BELOW



TROY MIDDLE SCHOOL

THEODORE STREET

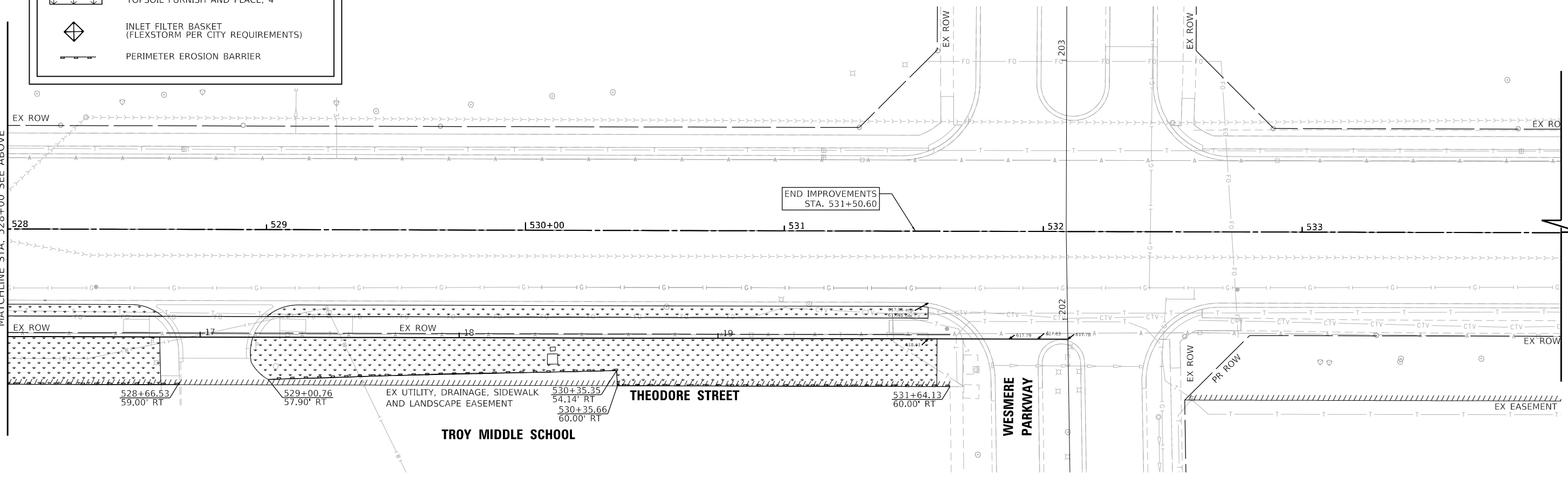
EX UTILITY, DRAINAGE, SIDEWALK AND LANDSCAPE EASEMENT

LANDSCAPING LEGEND

- SODDING, SALT TOLERANT TOPSOIL FURNISH AND PLACE, 4"
- INLET FILTER BASKET (FLEXSTORM PER CITY REQUIREMENTS)
- PERIMETER EROSION BARRIER



MATCHLINE STA. 528+00 SEE ABOVE



THEODORE STREET

WESMERE PARKWAY

TROY MIDDLE SCHOOL

EX UTILITY, DRAINAGE, SIDEWALK AND LANDSCAPE EASEMENT

EX EASEMENT

MODEL: Default
FILE NAME: N:\2025\220160\Drawings\Main\CADD_Sheets\Project_IBID\220160-er-03.dgn

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USER NAME	= lyanisch
PLOT SCALE	= 40'
PLOT DATE	= 9/17/2024

DESIGNED	- CJF
DRAWN	- DRP
CHECKED	- MJR
DATE	- 9/17/2024

REVISED	-
REVISED	-
REVISED	-
REVISED	-

THEODORE STREET WIDEN AND RESURFACE

JOLIET ILLINOIS

EROSION AND SEDIMENT CONTROL PLAN

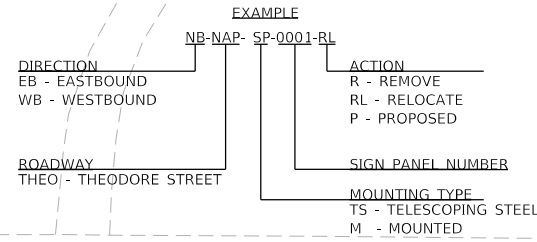
SCALE: 1"=20' SHEET 3 OF 3 SHEETS STA. 522+00.00 TO STA. 534+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
400	18-00515-01-WR	WILL	115	55
CONTRACT NO. 61K81				
ILLINOIS FED. AID PROJECT				

PAVEMENT MARKING LEGEND

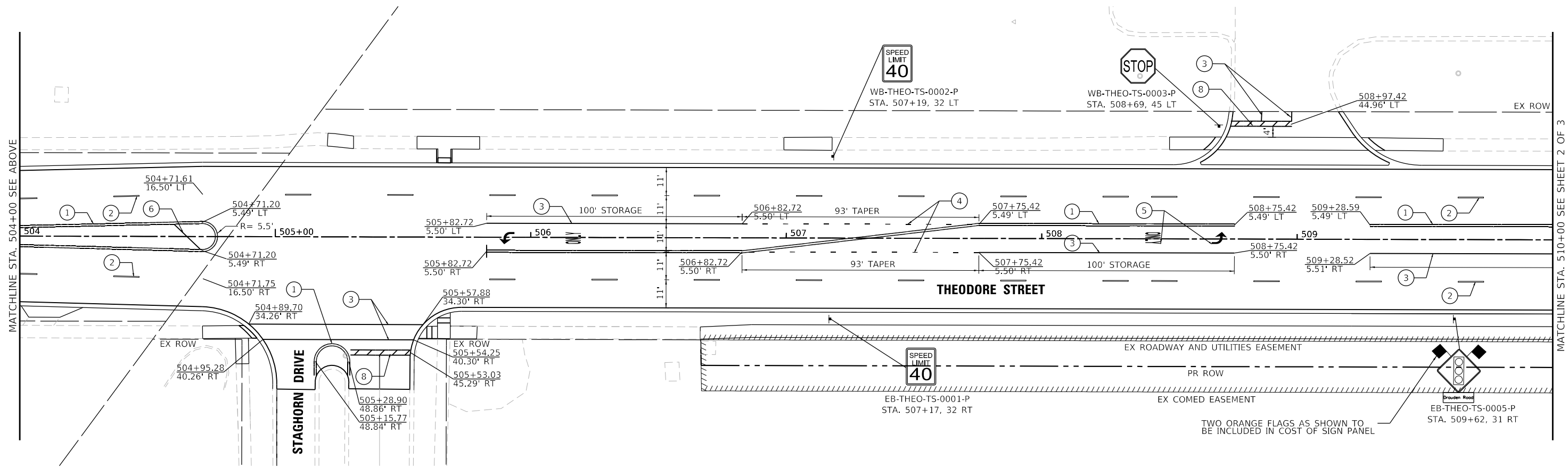
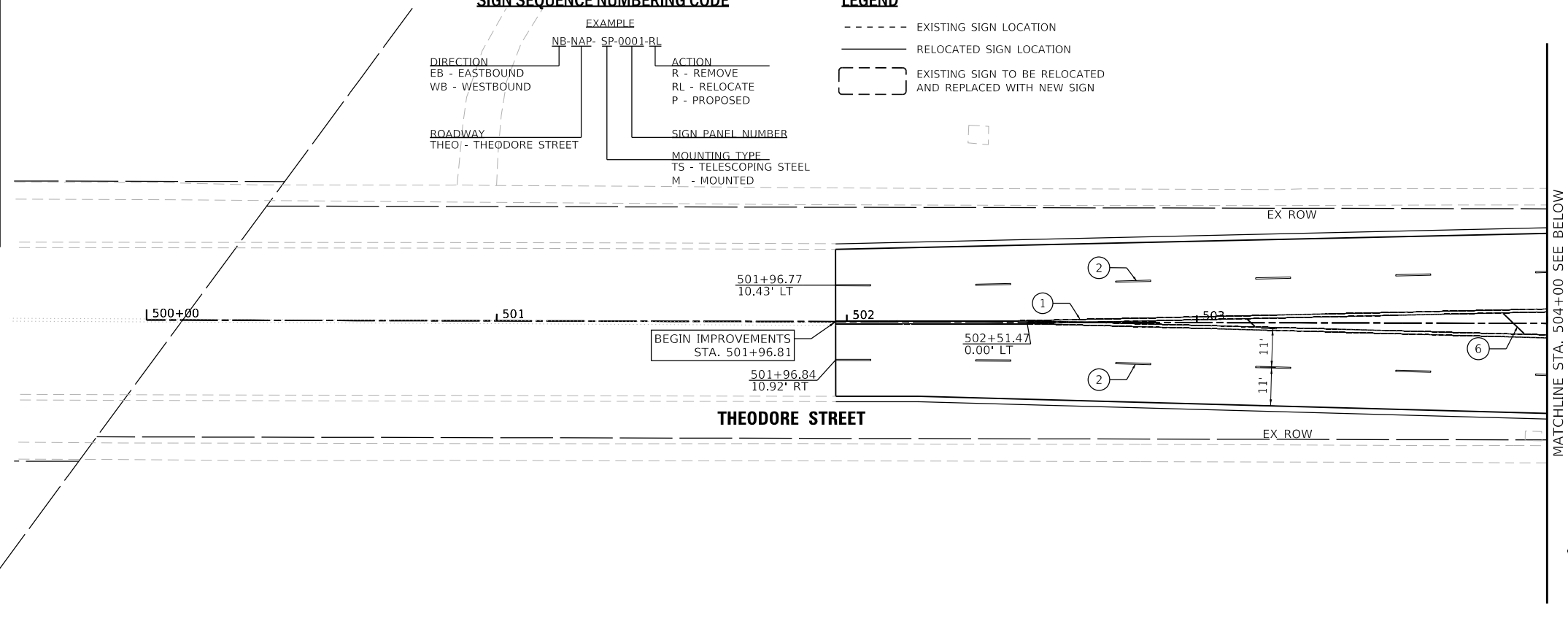
- ① THERMOPLASTIC PAVEMENT MARKING - 4" DOUBLE YELLOW; 11" C-C
- ② THERMOPLASTIC PAVEMENT MARKING - 4" WHITE SKIP DASH LINE (10' DASH 30' SKIP)
- ③ THERMOPLASTIC PAVEMENT MARKING - 6" SOLID WHITE LINE
- ④ THERMOPLASTIC PAVEMENT MARKING - 6" WHITE DOTTED DASH LINE (2' DASH 6' SKIP)
- ⑤ THERMOPLASTIC PAVEMENT LETTERS AND SYMBOLS SOLID WHITE
- ⑥ THERMOPLASTIC PAVEMENT MARKING - 12" SOLID YELLOW (TYP) 75' @ 45°
- ⑦ THERMOPLASTIC PAVEMENT MARKING - 12" SOLID WHITE 2' @ 45°
- ⑧ THERMOPLASTIC PAVEMENT MARKING - 24" SOLID WHITE - STOP BAR

SIGN SEQUENCE NUMBERING CODE



LEGEND

- EXISTING SIGN LOCATION
- RELOCATED SIGN LOCATION
- [] EXISTING SIGN TO BE RELOCATED AND REPLACED WITH NEW SIGN



MODEL: Default
 FILE NAME: R:\2025\220160\Drawings\Main\CADD_Sheets\Project_181D1220160-sig-mpm-c0.dgn



USER NAME = lyanisch
 PLOT SCALE = 40'
 PLOT DATE = 11/12/2024

DESIGNED - CJF
 DRAWN - DRP
 CHECKED - MJR
 DATE - 9/17/2024

REVISED -
 REVISED -
 REVISED -
 REVISED -

THEODORE STREET WIDEN AND RESURFACE

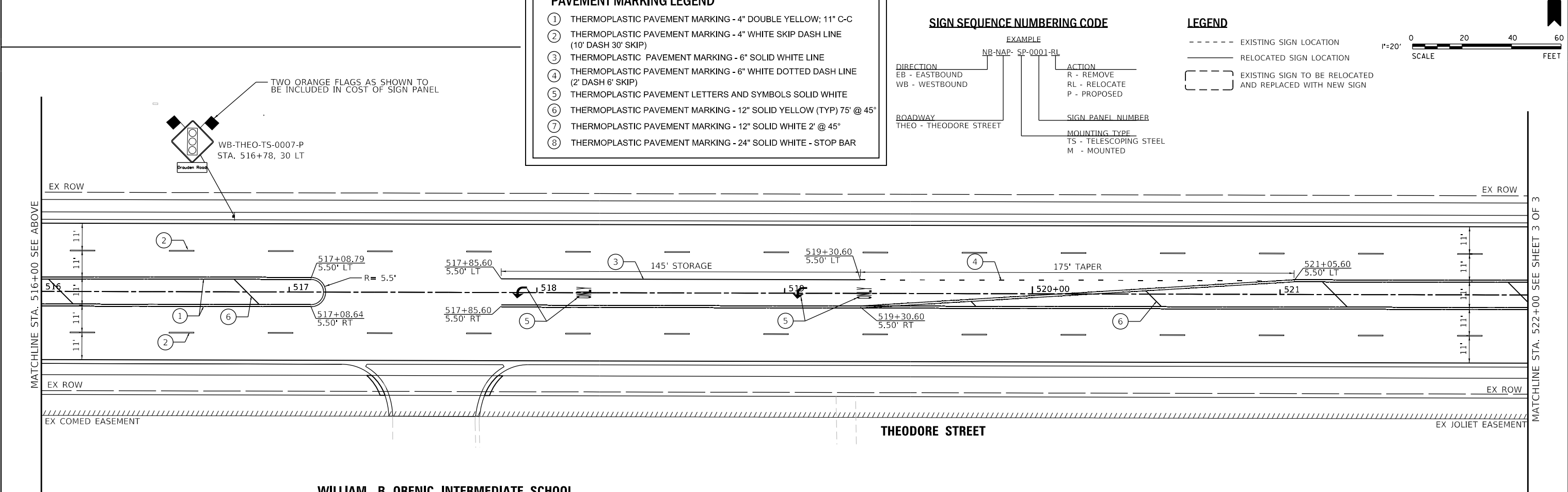
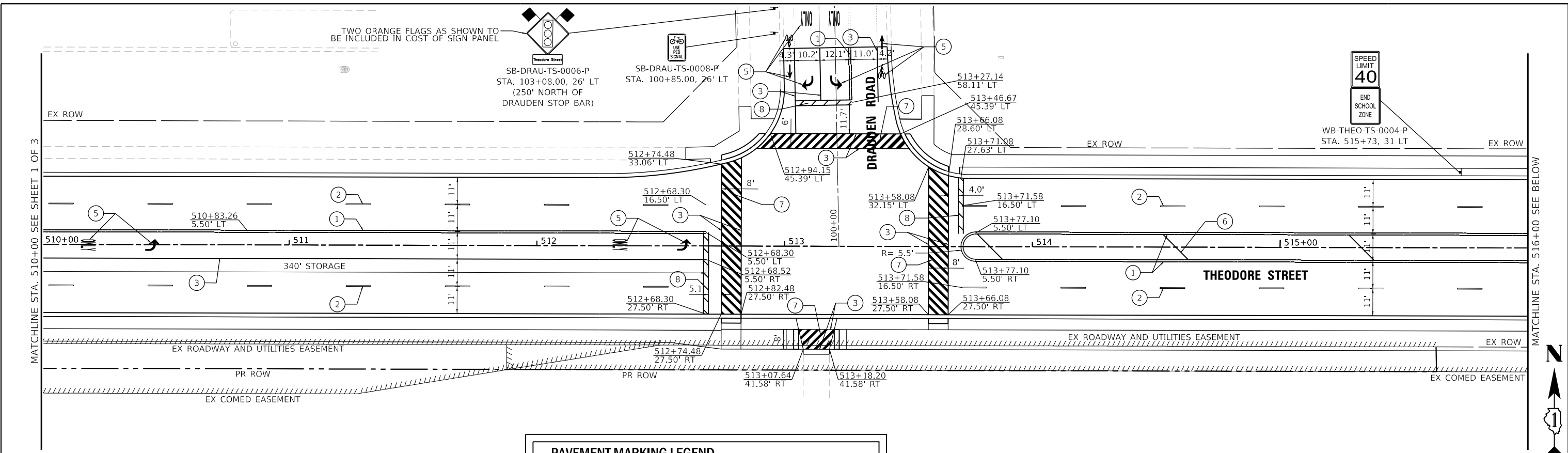
JOLIET

PAVEMENT MARKING AND SIGNING PLAN

ILLINOIS

SCALE: 1"=20' SHEET 1 OF 3 SHEETS STA. 500+00.00 TO STA. 510+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
400	18-00515-01-WR	WILL	115	56
CONTRACT NO. 61K81			ILLINOIS FED. AID PROJECT	



PAVEMENT MARKING LEGEND

- ① THERMOPLASTIC PAVEMENT MARKING - 4" DOUBLE YELLOW; 11" C-C
- ② THERMOPLASTIC PAVEMENT MARKING - 4" WHITE SKIP DASH LINE (10' DASH 30' SKIP)
- ③ THERMOPLASTIC PAVEMENT MARKING - 6" SOLID WHITE LINE
- ④ THERMOPLASTIC PAVEMENT MARKING - 6" WHITE DOTTED DASH LINE (2' DASH 6' SKIP)
- ⑤ THERMOPLASTIC PAVEMENT LETTERS AND SYMBOLS SOLID WHITE
- ⑥ THERMOPLASTIC PAVEMENT MARKING - 12" SOLID YELLOW (TYP) 75' @ 45°
- ⑦ THERMOPLASTIC PAVEMENT MARKING - 12" SOLID WHITE 2' @ 45°
- ⑧ THERMOPLASTIC PAVEMENT MARKING - 24" SOLID WHITE - STOP BAR

SIGN SEQUENCE NUMBERING CODE

EXAMPLE: NB-NAP-SP-0001-RL

DIRECTION: NB - NORTHBOUND, EB - EASTBOUND, WB - WESTBOUND

ROADWAY: THEO - THEODORE STREET

ACTION: R - REMOVE, RL - RELOCATE, P - PROPOSED

SIGN PANEL NUMBER: 0001

MOUNTING TYPE: TS - TELESCOPING STEEL, M - MOUNTED

LEGEND

--- EXISTING SIGN LOCATION

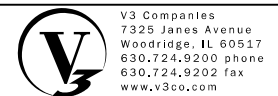
— RELOCATED SIGN LOCATION

[] EXISTING SIGN TO BE RELOCATED AND REPLACED WITH NEW SIGN

1"=20' SCALE

WILLIAM B ORENIC INTERMEDIATE SCHOOL

MODEL: Default
FILE NAME: R:\2025\220160\Drawings\Main\CADD_Sheets\Project_181D122D160-s181p18-c02.dgn



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7325 Janes Avenue
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630.724.9200 phone
630.724.9202 fax
www.v3co.com

USER NAME = lyanisch	DESIGNED - CJF	REVISED -
PLOT SCALE = 40'	DRAWN - DRP	REVISED -
PLOT DATE = 9/17/2024	CHECKED - MJR	REVISED -
	DATE - 9/17/2024	REVISED -

THEODORE STREET WIDEN AND RESURFACE

JOLIET ILLINOIS

PAVEMENT MARKING AND SIGNING PLAN

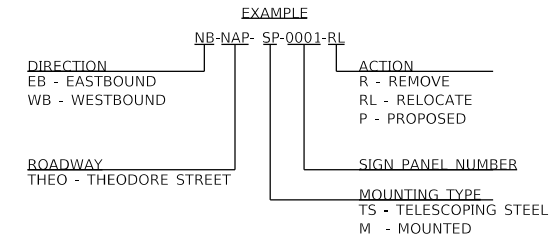
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SHEET 2 OF 3 SHEETS

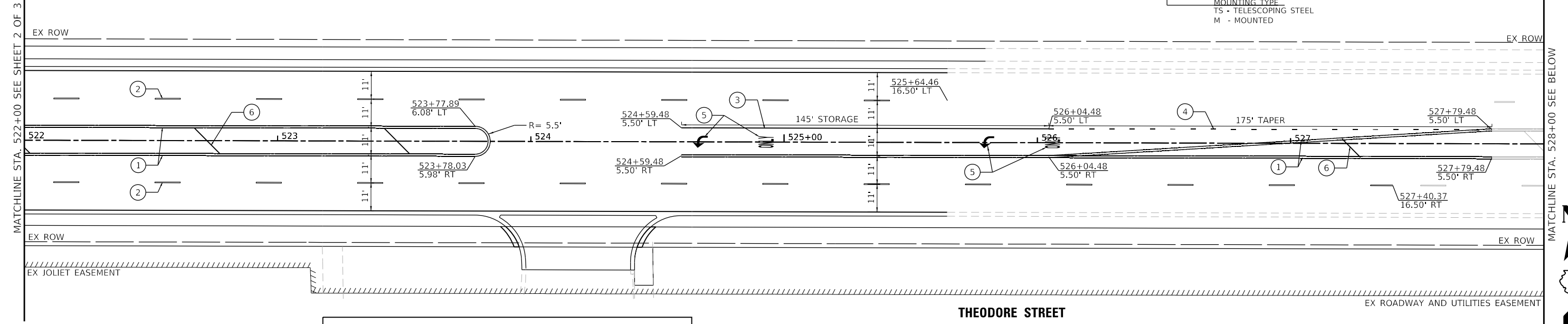
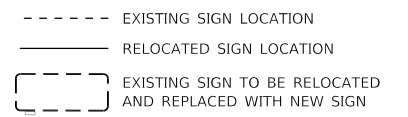
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F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
400	18-00515-01-WR	WILL	115	57
CONTRACT NO. 61K81			ILLINOIS FED. AID PROJECT	

SIGN SEQUENCE NUMBERING CODE



LEGEND

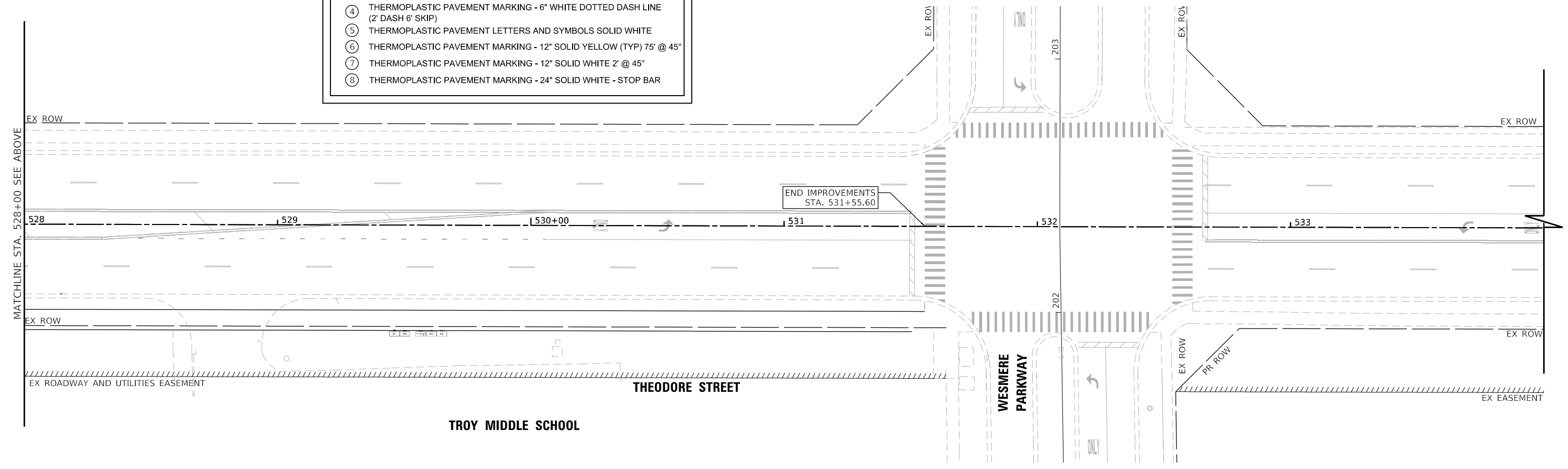


PAVEMENT MARKING LEGEND

- ① THERMOPLASTIC PAVEMENT MARKING - 4" DOUBLE YELLOW; 11" C-C
- ② THERMOPLASTIC PAVEMENT MARKING - 4" WHITE SKIP DASH LINE (10' DASH 30' SKIP)
- ③ THERMOPLASTIC PAVEMENT MARKING - 6" SOLID WHITE LINE
- ④ THERMOPLASTIC PAVEMENT MARKING - 6" WHITE DOTTED DASH LINE (2' DASH 6' SKIP)
- ⑤ THERMOPLASTIC PAVEMENT LETTERS AND SYMBOLS SOLID WHITE
- ⑥ THERMOPLASTIC PAVEMENT MARKING - 12" SOLID YELLOW (TYP) 75' @ 45°
- ⑦ THERMOPLASTIC PAVEMENT MARKING - 12" SOLID WHITE 2' @ 45°
- ⑧ THERMOPLASTIC PAVEMENT MARKING - 24" SOLID WHITE - STOP BAR

TROY MIDDLE SCHOOL

THEODORE STREET



TROY MIDDLE SCHOOL

THEODORE STREET

WESMERE PARKWAY

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V3 Companies
 7325 Janes Avenue
 Woodridge, IL 60517
 630.724.9200 phone
 630.724.9202 fax
 www.v3co.com

USER NAME = lyanisch	DESIGNED - CJF	REVISED -
PLOT SCALE = 40'	DRAWN - DRP	REVISED -
PLOT DATE = 9/17/2024	CHECKED - MJR	REVISED -
	DATE - 9/17/2024	REVISED -

THEODORE STREET WIDEN AND RESURFACE

JOLIET ILLINOIS

PAVEMENT MARKING AND SIGNING PLAN

SCALE: 1"=20' SHEET 3 OF 3 SHEETS STA. 522+00.00 TO STA. 534+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
400	18-00515-01-WR	WILL	115	58
CONTRACT NO. 61K81				
ILLINOIS FED. AID PROJECT				

TRAFFIC SIGNAL LEGEND

(NOT TO SCALE)

ITEM	EXISTING	PROPOSED	ITEM	EXISTING	PROPOSED	ITEM	EXISTING	PROPOSED
CONTROLLER CABINET			HANDHOLE -SQUARE -ROUND	 	 	SIGNAL HEAD -(P) PROGRAMMABLE SIGNAL HEAD		
COMMUNICATION CABINET			HEAVY DUTY HANDHOLE -SQUARE -ROUND	 	 	SIGNAL HEAD WITH BACKPLATE -(P) PROGRAMMABLE SIGNAL HEAD -(RB) RETROREFLECTIVE BACKPLATE		
MASTER CONTROLLER			DOUBLE HANDHOLE			PEDESTRIAN SIGNAL HEAD AT RAILROAD INTERSECTIONS		
MASTER MASTER CONTROLLER			JUNCTION BOX			PEDESTRIAN SIGNAL HEAD WITH COUNTDOWN TIMER		
UNINTERRUPTABLE POWER SUPPLY			RAILROAD CANTILEVER MAST ARM			ILLUMINATED SIGN "NO LEFT TURN"/"NO RIGHT TURN"		
SERVICE INSTALLATION -(P) POLE MOUNTED			RAILROAD FLASHING SIGNAL			NUMBER OF CONDUCTORS, ELECTRIC CABLE NO. 14, UNLESS NOTED OTHERWISE. ALL DETECTOR LOOP CABLE TO BE SHIELDED		
SERVICE INSTALLATION -(G) GROUND MOUNTED -(GM) GROUND MOUNTED METERED	 	 	RAILROAD CROSSING GATE			GROUND CABLE IN CONDUIT, NO. 6 SOLID COPPER (GREEN)		
TELEPHONE CONNECTION			RAILROAD CROSSBUCK			ELECTRIC CABLE IN CONDUIT, TRACER NO. 14 1/C		
STEEL MAST ARM ASSEMBLY AND POLE			RAILROAD CONTROLLER CABINET			COAXIAL CABLE		
ALUMINUM MAST ARM ASSEMBLY AND POLE			UNDERGROUND CONDUIT (UC), GALVANIZED STEEL			VENDOR CABLE		
STEEL COMBINATION MAST ARM ASSEMBLY AND POLE WITH LUMINAIRE			TEMPORARY SPAN WIRE, TETHER WIRE, AND CABLE			COPPER INTERCONNECT CABLE, NO. 18, 3 PAIR TWISTED, SHIELDED		
SIGNAL POST -(BM) BARREL MOUNTED - TEMPORARY			SYSTEM ITEM	S	SP	FIBER OPTIC CABLE -NO. 62.5/125, MM12F -NO. 62.5/125, MM12F SM12F -NO. 62.5/125, MM12F SM24F		
WOOD POLE			INTERSECTION ITEM	I	IP	GROUND ROD -(C) CONTROLLER -(M) MAST ARM -(P) POST -(S) SERVICE		
GUY WIRE			REMOVE ITEM		R			
SIGNAL HEAD			RELOCATE ITEM		RL			
SIGNAL HEAD WITH BACKPLATE			ABANDON ITEM		A			
SIGNAL HEAD OPTICALLY PROGRAMMED			CONTROLLER CABINET AND FOUNDATION TO BE REMOVED		RCF			
FLASHER INSTALLATION -(FS) SOLAR POWERED	 	 	MAST ARM POLE AND FOUNDATION TO BE REMOVED		RMF			
PEDESTRIAN SIGNAL HEAD			SIGNAL POST AND FOUNDATION TO BE REMOVED		RPF			
PEDESTRIAN PUSH BUTTON -(APS) ACCESSIBLE PEDESTRIAN PUSH BUTTON			DETECTOR LOOP, TYPE I	 	 			
RADAR DETECTION SENSOR			PREFORMED DETECTOR LOOP	 	 			
VIDEO DETECTION CAMERA			SAMPLING (SYSTEM) DETECTOR	 	 			
RADAR/VIDEO DETECTION ZONE			INTERSECTION AND SAMPLING (SYSTEM) DETECTOR	 	 			
PAN, TILT, ZOOM (PTZ) CAMERA			QUEUE AND SAMPLING (SYSTEM) DETECTOR	 	 			
EMERGENCY VEHICLE LIGHT DETECTOR			WIRELESS DETECTOR SENSOR					
CONFIRMATION BEACON			WIRELESS ACCESS POINT					
WIRELESS INTERCONNECT								
WIRELESS INTERCONNECT RADIO REPEATER								

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	DRAWN - IP	REVISED -
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PLOT DATE = 3/4/2019	DATE - 9/29/2016	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DISTRICT ONE
STANDARD TRAFFIC SIGNAL DESIGN DETAILS

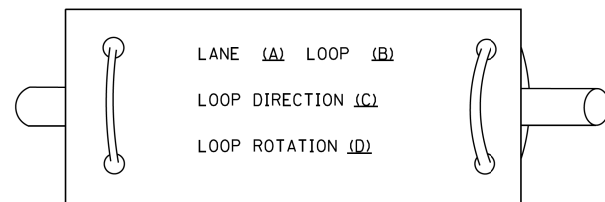
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F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
400	18-00515-01-WR	WILL	115	59
TS-05			CONTRACT NO. 61K81	
ILLINOIS FED. AID PROJECT				

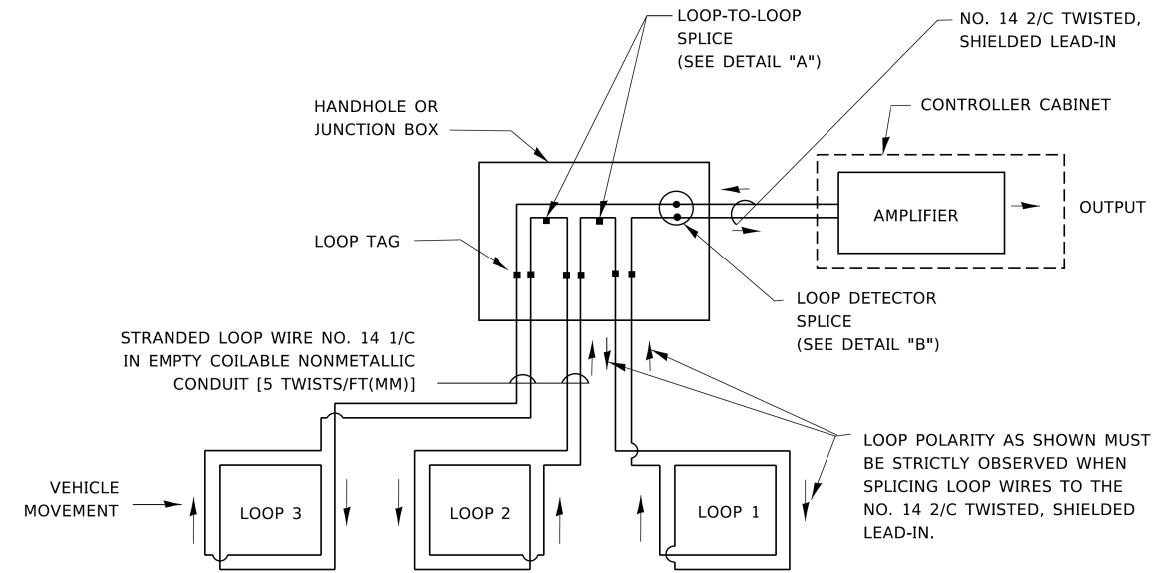
LOOP DETECTOR NOTES

1. EACH PAIR OF LOOP WIRES SHALL BE PLACED IN A SEPARATE EMPTY COILABLE NONMETALLIC CONDUIT FROM THE EDGE OF PAVEMENT TO THE HANDHOLE. SPACING BETWEEN THE HOLES DRILLED IN THE PAVEMENT SHALL NOT BE LESS THAN 6" (150 mm). EMPTY COILABLE NONMETALLIC CONDUIT SHALL BE INCLUDED IN THE COST OF THE LOOP WIRE.
2. THE NUMBER OF LOOP TURNS SHALL BE AS RECOMMENDED BY THE AMPLIFIER MANUFACTURER. ALL ADJACENT SIDES OF THE LOOPS SHALL BE INSTALLED IN SUCH A WAY THAT THE CURRENT FLOW IS IN THE SAME DIRECTION TO REINFORCE ITS MAGNETIC FIELDS FOR SMALL VEHICLE DETECTION.
3. EACH LOOP LEAD-IN SHALL BE IDENTIFIED AND PERMANENTLY TAGGED IN THE HANDHOLE. EACH LEAD-IN CABLE TAG SHALL INDICATE THE LOCATION OF THE LOOP, LOOP ROTATION (CLOCKWISE/COUNTERCLOCKWISE), LOOP LEAD-IN DIRECTION (IN OR OUT), LOOP CABLE NUMBER AND LOCATION IN CABINET, AND NUMBER OF TURNS IN THE DETECTOR LOOPS IN WATER PROOF INK AS INDICATED ON THE DISTRICT 1 STANDARD TRAFFIC SIGNAL DESIGN DETAIL. THE CONTRACTOR SHALL MARK LOOP LOCATIONS ON RECORD DRAWINGS AND PRESENT TO THE ENGINEER AFTER FINAL INSPECTION. LOOPS SHALL BE MARKED BY LANE AND LOOP NUMBER. SEE DETAIL BELOW.
4. ALL LOOP CABLE SHALL BE FASTENED WITH PLASTIC TIE WRAP TO THE HANDHOLE HOOKS.
5. IN ASPHALT PAVEMENT, LOOPS SHOULD BE PLACED IN THE BINDER AND DIVESHOLES MARKED AT THE CURB WITH A SAW-CUT. THE SAW-CUT SHALL BE CUT IN ACCORDANCE WITH LOCAL AND E.P.A. DUST CONTROL REQUIREMENTS. DETECTOR LOOP(S) SHALL NOT BE INSTALLED IN WET CONDITIONS AND THE SAW-CUTS MUST BE FREE OF DEBRIS AND RESIDUE SUCH AS DUST AND WATER WHICH IS TO BE ACHIEVED BY THE USE OF COMPRESSED AIR, WIRE BRUSHING AND HEAT DRYING ACCORDING TO SEALANT MANUFACTURER REQUIREMENTS. THE DETECTOR WIRE SHALL BE HELD IN PLACE BY THE USE OF FORM WEDGES. WEDGES SHALL BE SPACED NO MORE THAN 18" (450 mm) APART.
6. LOOP SPLICES SHALL BE SOLDERED USING A SOLDERING IRON. BLOW TORCHES OR OTHER DEVICES WHICH OXIDIZE COPPER CABLE SHALL NOT BE ALLOWED FOR SOLDERING OPERATIONS. SEE DETAIL BELOW RIGHT.
7. PREFORMED DETECTOR LOOPS SHALL BE USED, AS SHOWN ON THE PLANS, WHERE NEW CONCRETE PAVEMENT IS PROPOSED. THE INSTALLATION OF PREFORMED LOOPS SHALL BE IN ACCORDANCE WITH THE DISTRICT 1 SPECIFICATIONS OR AS DIRECTED BY THE ENGINEER.

LOOP LEAD-IN CABLE TAG

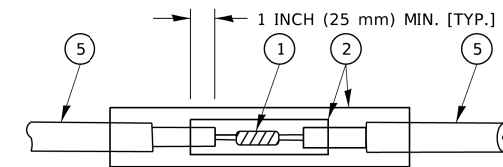


- A. LANE 1 IS THE LANE CLOSEST TO THE CENTERLINE OF THE ROADWAY
- B. LOOP #1 IS THE LOOP IN THE LANE CLOSEST TO THE INTERSECTION.
- C. LABEL LOOP CABLE "IN" OR LOOP CABLE "OUT".
- D. LABEL LOOP CABLE CLOCKWISE OR LOOP CABLE COUNTERCLOCKWISE.

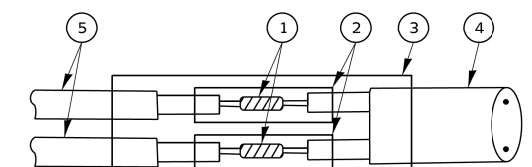


DETECTOR LOOP WIRING SCHEMATIC

- LOOPS SHALL BE SPLICED IN SERIES. SAW-CUTS SHALL BE A MINIMUM WIDTH OF 5/16" (8 mm).
- SAW-CUT DEPTHS SHALL BE 3" (75 mm). IF IN CONCRETE,
- THE SAW-CUT DEPTH SHALL BE TO THE TOP OF THE REINFORCEMENT.
- LOOP CORNERS SHALL BE DRILLED WITH A 2" (50 mm) DIAMETER CORE.

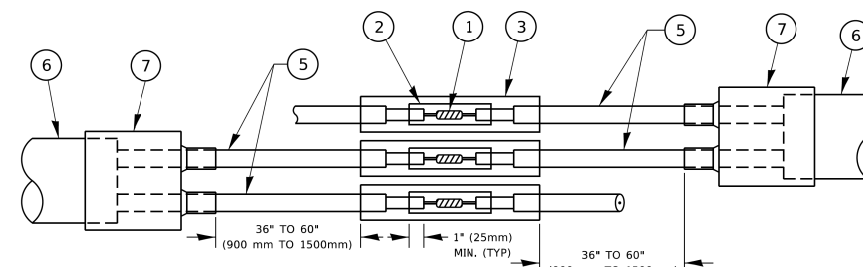


DETAIL "A"
LOOP-TO-LOOP SPLICE

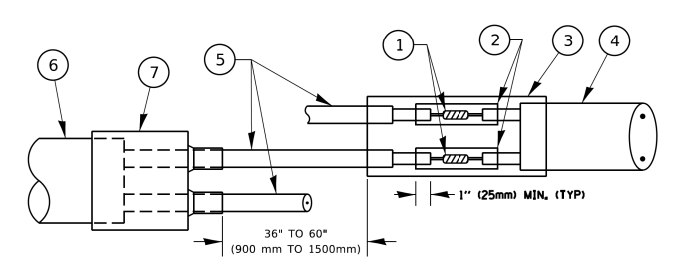


DETAIL "B"
LOOP-TO-CONTROLLER SPLICE

TYPE I LOOP



DETAIL "A"
LOOP-TO-LOOP SPLICE



DETAIL "B"
LOOP-TO-CONTROLLER SPLICE

PREFORMED LOOP

LOOP DETECTOR SPLICE

- ① WESTERN UNION SPLICE SOLDERED WITH ROSIN CORE FLUX. ALL EXPOSED SURFACES OF THE SOLDER SHALL BE SMOOTH. THE WESTERN UNION SPLICES SHALL BE STAGGERED.
- ② WCSMW 30/100 HEAT SHRINK TUBE, MINIMUM LENGTH 3" (75 mm), UNDERWATER GRADE.
- ③ WCS 200/750 HEAT SHRINK TUBE, MINIMUM LENGTH 6" (150 mm), UNDERWATER GRADE.
- ④ NO. 14 2/C TWISTED, SHIELDED CABLE.
- ⑤ LOOP CONDUCTOR WITH FLEXIBLE PLASTIC TUBE. PREFORMED LOOP
- ⑥ XL POLYOLEFIN 2 CONDUCTOR
- ⑦ BREAKOUT SEALS. TYCO CBR-2 OR APPROVED EQUAL

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

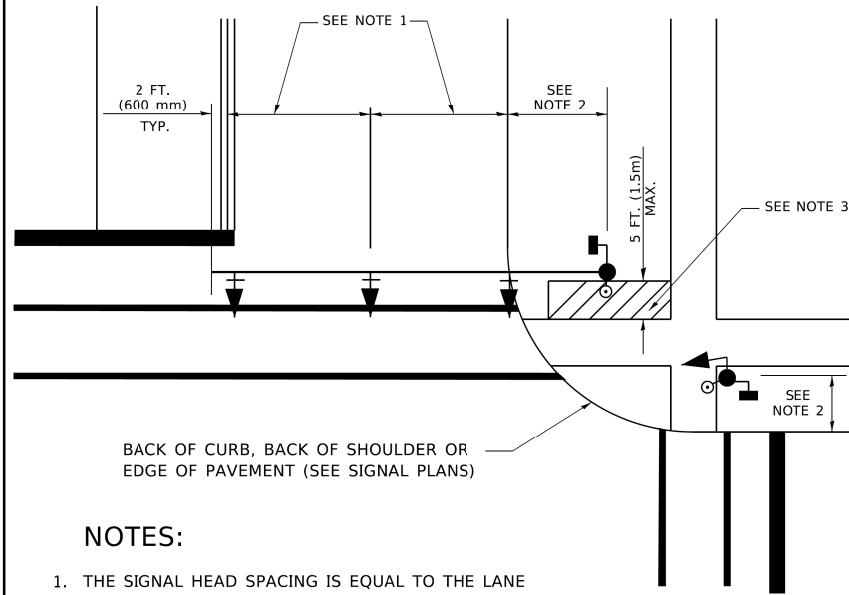
DISTRICT ONE
STANDARD TRAFFIC SIGNAL DESIGN DETAILS

SCALE: NONE SHEET 2 OF 7 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
400	18-00515-01-WR	WILL	115	60
TS-05		CONTRACT NO. 61K81		
ILLINOIS FED. AID PROJECT				

TRAFFIC SIGNAL MAST ARM AND SIGNAL POST

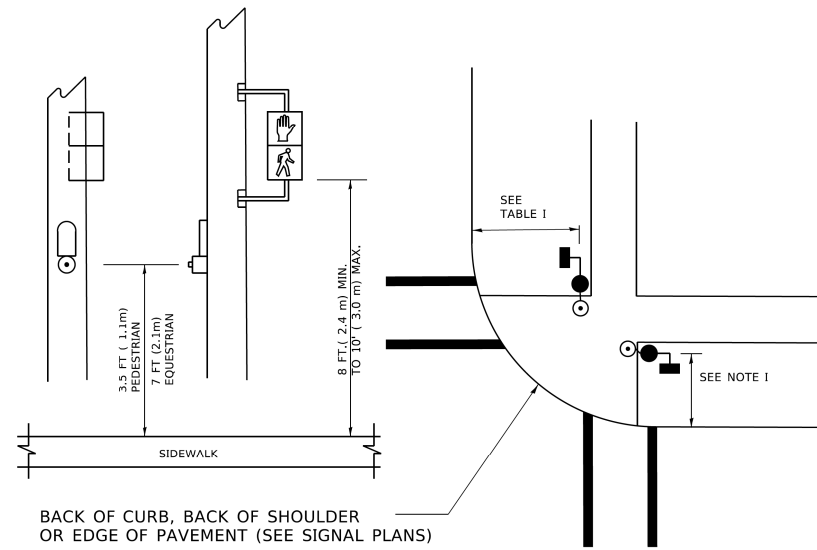
MAST ARM MOUNTED SIGNALS IN EXISTING, PROPOSED OR FUTURE SIDEWALK/BICYCLE PATH AREA. INTERSECTION SHOWN WITH PEDESTRIAN SIGNALS AND PEDESTRIAN PUSHBUTTON DETECTORS.



NOTES:

1. THE SIGNAL HEAD SPACING IS EQUAL TO THE LANE WIDTH OR AS SHOWN ON THE TRAFFIC SIGNAL PLAN.
2. REFER TO THE TRAFFIC SIGNAL EQUIPMENT OFFSET TABLE.
3. PROVIDE A LEVEL ALL-WEATHER SURFACE (CONCRETE SIDEWALK, ASPHALT BICYCLE PATH SURFACE OR MATCHING MATERIAL TO THE ADJACENT SURFACE) UP TO THE MAST ARM SHAFT OR THE SIGNAL POST.
4. THE FACE OF THE PEDESTRIAN PUSHBUTTON SHALL BE PARALLEL TO THE CROSSWALK TO BE USED.
5. THE LOCATIONS AND INSTALLATION OF PEDESTRIAN SIGNAL HEADS AND PEDESTRIAN PUSHBUTTONS SHALL MEET THE REQUIREMENTS OF THE MUTCD AND INFORMATION FOUND IN THE "AMERICANS WITH DISABILITIES ACT ACCESSIBILITY GUIDELINES FOR BUILDINGS AND FACILITIES."

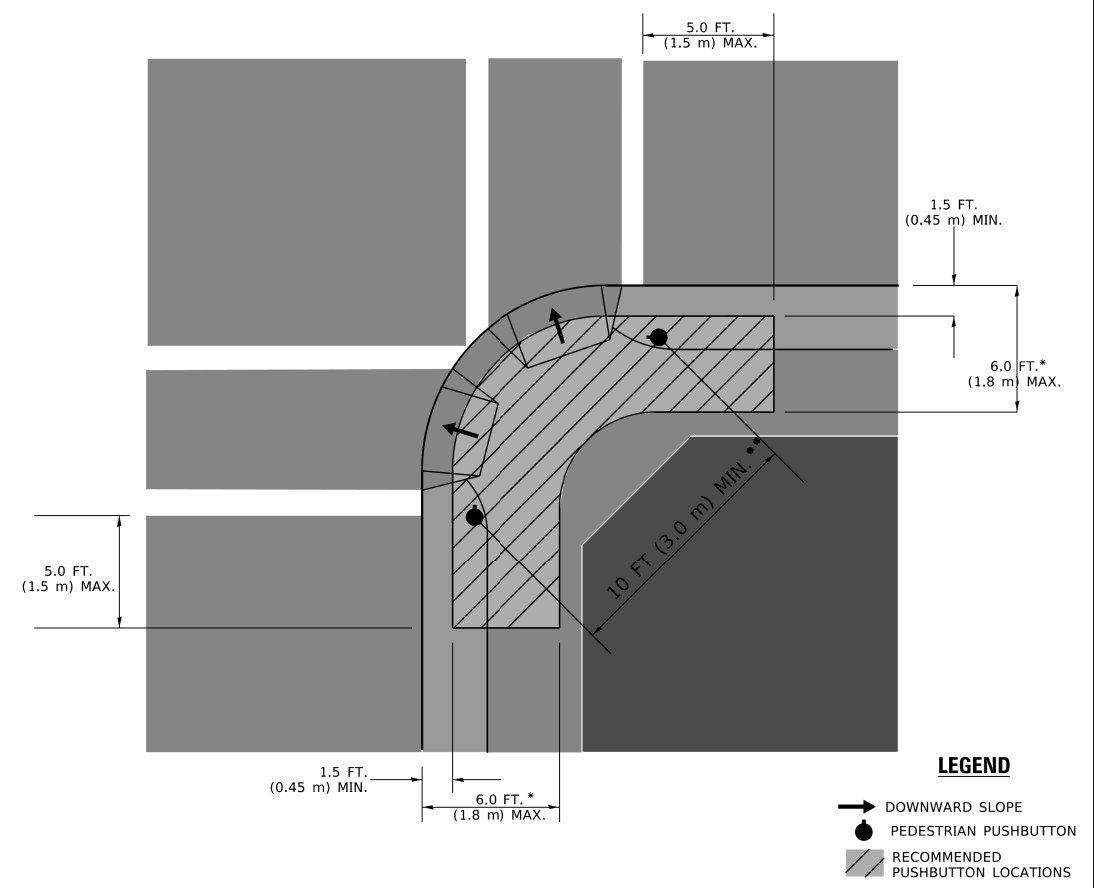
PEDESTRIAN SIGNAL POST AND PEDESTRIAN PUSH BUTTON POST



NOTES:

1. REFER TO THE TRAFFIC SIGNAL EQUIPMENT OFFSET TABLE.
2. PROVIDE A LEVEL ALL-WEATHER SURFACE (CONCRETE SIDEWALK, ASPHALT BICYCLE PATH SURFACE OR MATCHING MATERIAL TO THE ADJACENT SURFACE) UP TO THE PEDESTRIAN SIGNAL POST OR THE PEDESTRIAN PUSH BUTTON POST.
3. THE FACE OF THE PEDESTRIAN PUSHBUTTON SHALL BE PARALLEL TO THE CROSSWALK TO BE USED.
4. THE LOCATIONS AND INSTALLATION OF PEDESTRIAN SIGNAL HEADS AND PEDESTRIAN PUSHBUTTONS SHALL MEET THE REQUIREMENTS OF THE MUTCD AND INFORMATION FOUND IN THE "AMERICANS WITH DISABILITIES ACT ACCESSIBILITY GUIDELINES FOR BUILDINGS AND FACILITIES."

RECOMMENDED PUSHBUTTON LOCATIONS



LEGEND

- DOWNWARD SLOPE
- PEDESTRIAN PUSHBUTTON
- ▨ RECOMMENDED PUSHBUTTON LOCATIONS

- * WHERE THERE ARE CONSTRAINTS THAT MAKE IT IMPRACTICAL TO PLACE THE PEDESTRIAN PUSHBUTTON BETWEEN 1.5 FT (0.45 m) AND 6 FT (1.8 m) FROM THE EDGE OF THE CURB, SHOULDER, OR PAVEMENT, IT SHOULD NOT BE FURTHER THAN 10 FT (3 m) FROM THE EDGE OF CURB, SHOULDER, OR PAVEMENT.
- ** WHERE THERE ARE CONSTRAINTS ON A PARTICULAR CORNER THAT MAKE IT IMPRACTICAL TO PROVIDE THE 10 FT (3 m) SEPERATION BETWEEN THE TWO PEDESTRIAN PUSHBUTTONS, THE PUSHBUTTONS MAY BE PLACED CLOSER TOGETHER OR ON THE SAME POLE.

NOTES:

1. PEDESTRIAN SIGNAL HEADS SHALL BE MOUNTED WITH THE BOTTOM OF THE SIGNAL HOUSING INCLUDING BRACKETS NOT LESS THAN 8 FT (2.4 m) OR MORE THAN 10 FT (3 m) ABOVE SIDEWALK LEVEL, AND SHALL BE POSITIONED AND ADJUSTED TO PROVIDE MAXIMUM VISIBILITY AT THE BEGINNING OF THE CONTROLLED CROSSWALK.
2. THE BOTTOM OF THE SIGNAL HOUSING (INCLUDING BRACKETS) OF A VEHICULAR SIGNAL FACE THAT IS NOT LOCATED OVER A HIGHWAY SHALL BE AT LEAST 8 FT (2.4 m) BUT NOT MORE THAN 19 FT (5.8 m) ABOVE THE SIDEWALK OR, IF THERE IS NO SIDEWALK, ABOVE THE PAVEMENT GRADE AT THE CENTER OF THE ROADWAY.
3. THE BOTTOM OF THE SIGNAL HOUSING AND ANY RELATED ATTACHMENTS TO A SIGNAL FACE LOCATED OVER ANY PORTION OF A HIGHWAY SHALL BE ACCORDING TO CURRENT STATE STANDARDS 877001, 877002, 877006, 877011 AND 877012 WITH A MINIMUM OF 16 FT (5.0 m) AND A MAXIMUM OF 18 FT. (5.5 m) FROM THE HIGHEST POINT OF PAVEMENT.
4. THE BOTTOM OF THE TEMPORARY SPAN WIRE MOUNTED SIGNAL HOUSING AND ANY RELATED ATTACHMENTS TO A SIGNAL FACE LOCATED OVER ANY PORTION OF A HIGHWAY SHALL BE ACCORDING TO CURRENT STATE STANDARD 880001 WITH A MINIMUM OF 17 FT (5.18 m) FROM THE HIGHEST POINT OF PAVEMENT.
5. THE TOP OF THE SIGNAL HOUSING OF A SIGNAL FACE LOCATED OVER ANY PORTION OF A HIGHWAY SHALL NOT BE MORE THAN 25.6 FT (7.8 m) ABOVE THE PAVEMENT.

TRAFFIC SIGNAL EQUIPMENT OFFSET

TRAFFIC SIGNAL EQUIPMENT	COMBINATION CONCRETE CURB AND GUTTER (MINIMUM DISTANCE FROM BACK OF CURB TO CENTERLINE OF FOUNDATION)	SHOULDER/NON-CURBED AREA (MINIMUM DISTANCE FROM EDGE OF PAVEMENT TO CENTERLINE OF FOUNDATION)
TRAFFIC SIGNAL MAST ARM POLE	6 FT (1.8m)	SHOULDER WIDTH + 2 FT (0.6m), MINIMUM 10 FT (3.0m)
TRAFFIC SIGNAL POST	4 FT (1.2m)	SHOULDER WIDTH + 2 FT (0.6m), MINIMUM 10 FT (3.0m)
PEDESTRIAN SIGNAL POST	4 FT (1.2m)	SHOULDER WIDTH + 2 FT (0.6m), MINIMUM 10 FT (3.0m)
PEDESTRIAN PUSHBUTTON POST	4 FT (1.2m)	SHOULDER WIDTH + 2 FT (0.6m), MINIMUM 10 FT (3.0m)
TEMPORARY WOOD POLE	6 FT (1.8m)	SHOULDER WIDTH + 2 FT (0.6m), MINIMUM 10 FT (3.0m)
CONTROLLER CABINET	6 FT (1.8m) MINIMUM DISTANCE SEE NOTE 2	SHOULDER WIDTH + 6 FT (1.8m), MINIMUM 16 FT (4.9m) SEE NOTE 3.
SERVICE INSTALLATION, GROUND MOUNT	6 FT (1.8m) MINIMUM DISTANCE SEE NOTE 2	SHOULDER WIDTH + 6 FT (1.8m), MINIMUM 16 FT (4.9m) SEE NOTE 3.

NOTES:

1. CONTACT THE "AREA TRAFFIC SIGNAL MAINTENANCE AND OPERATIONS ENGINEER" FOR ASSISTANCE IN LOCATING THE TRAFFIC SIGNAL EQUIPMENT WHEN THERE ARE CONFLICTS WITH DITCHES OR THE MINIMUM OFFSET DISTANCES CANNOT BE MET.
2. MINIMUM DISTANCE FROM THE BACK OF CURB TO THE ROADWAY SIDE OF THE FOUNDATION.
3. MINIMUM DISTANCE FROM THE EDGE OF PAVEMENT TO THE ROADWAY SIDE OF THE FOUNDATION.
4. ANY CHANGES TO THE OFFSETS OF THE FOUNDATIONS, FROM THE MINIMUM DISTANCES LISTED IN THE "TRAFFIC SIGNAL EQUIPMENT OFFSET" CHART AND THE TRAFFIC SIGNAL INSTALLATION PLAN, COULD EFFECT THE PLACEMENT OF THE SIGNAL HEADS, PEDESTRIAN SIGNAL HEADS AND THE PEDESTRIAN PUSHBUTTONS. THE SIGNAL HEAD PLACEMENT ON THE MAST ARMS SHALL REMAIN AS PER THE TRAFFIC SIGNAL INSTALLATION PLAN AND THE "TRAFFIC SIGNAL MAST ARM AND SIGNAL POST" DETAIL ABOVE. THE PROPOSED MAST ARM LENGTHS MAY NEED TO BE REVISED TO MEET THE ABOVE REQUIREMENTS. THE PEDESTRIAN SIGNAL HEADS AND PEDESTRIAN PUSHBUTTONS MUST MEET THE REQUIREMENTS UNDER THE DETAILS ON THIS SHEET.

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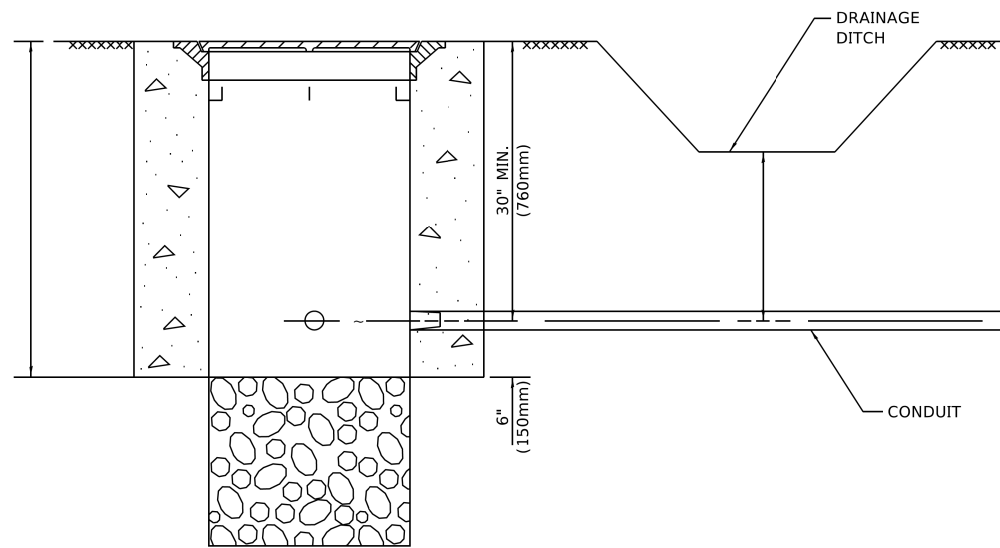
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PLOT DATE = 3/4/2019	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**DISTRICT ONE
STANDARD TRAFFIC SIGNAL DESIGN DETAILS**

SCALE: NONE SHEET 3 OF 7 SHEETS STA. TO STA.

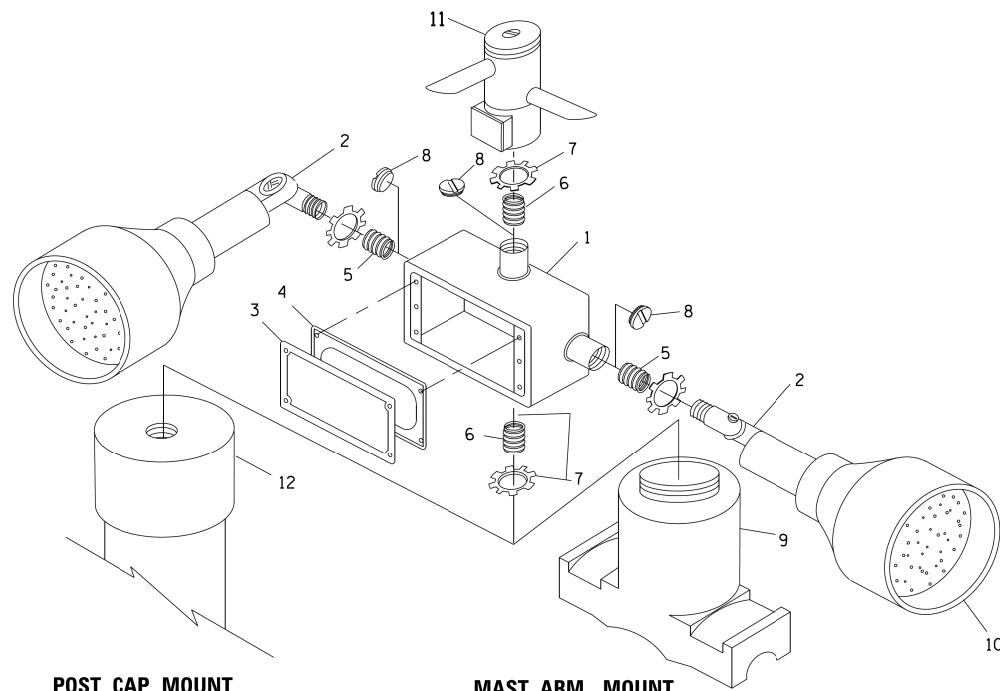
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
400	18-00515-01-WR	WILL	115	61
TS-05		CONTRACT NO. 61K81		
ILLINOIS FED. AID PROJECT				



NOTES:

1. CONDUIT DEPTH SHALL BE A MINIMUM OF 30" (760mm) BELOW THE BOTTOM OF THE DRAINAGE DITCH OR ANY SLOPING GROUND
2. THE MINIMUM CONDUIT DEPTH APPLIES TO ALL CONDUIT PLACED UNDER ROADWAY PAVEMENT, MULTI-USE PATHS, SIDEWALKS AND SOIL SURFACES.
3. THE MINIMUM CONDUIT DEPTH APPLIES TO ALL HANDHOLES, HEAVY DUTY HANDHOLES AND DOUBLE HANDHOLES.

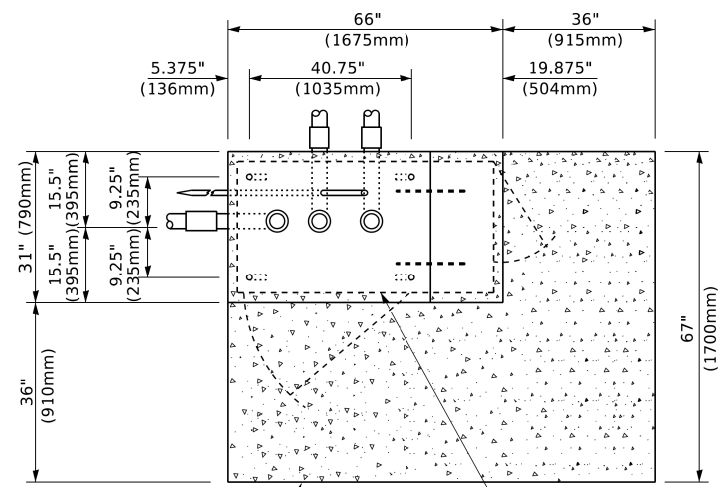
HANDHOLE WITH MINIMUM CONDUIT DEPTH
(NOT TO SCALE)



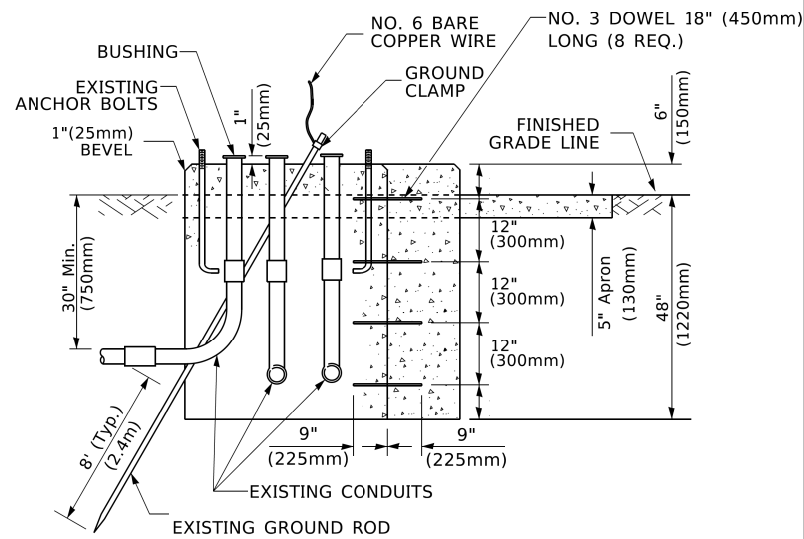
POST CAP MOUNT

MAST ARM MOUNT

**EMERGENCY VEHICLE DETECTOR WITH CONFIRMATION
BEACON MOUNTING DETAIL**



TOP VIEW
(NOT TO SCALE)

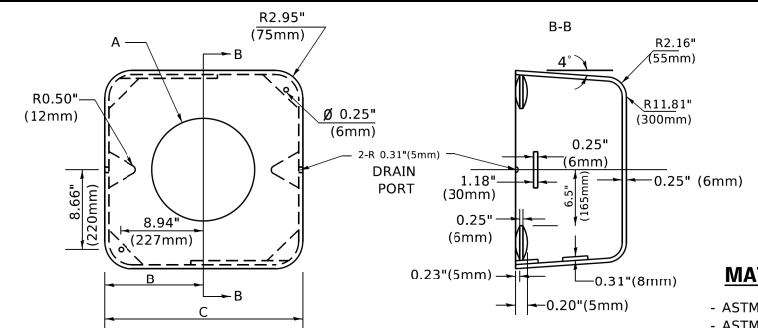


**MODIFY EXISTING TYPE "D" FOUNDATION
TO TYPE "C" FOUNDATION**
(NOT TO SCALE)

ITEM NO.	IDENTIFICATION
1	OUTLET BOX- GALV. 21 CU.IN. (0.000344 CU-M)
2	LAMP HOLDER AND COVER
3	OUTLET BOX COVER
4	RUBBER COVER GASKET
5	REDUCING BUSHING
6	3/4" (19 mm) CLOSE NIPPLE
7	3/4" (19 mm) LOCKNUT
8	3/4" (19 mm) HOLE PLUG
9	SADDLE BRACKET - GALV.
10	6 WATT PAR 38 LED FLOOD LAMP
11	DETECTOR UNIT
12	POST CAP [18 FT. (5.4 m) POST MIN.]

NOTES:

1. ALL ELECTRICAL ITEMS, EXCEPT ITEMS #2 AND #11 SHALL BE ALUMINUM OR GALVANIZED
2. ITEM #1- OZ/GEDNEY FSX-1-50 OR EQUIVALENT
ITEM #2- MULBERRY CON-O-SHADE LAMP SHIELD OR EQUIVALENT
ITEM #9- "BAND-IT" SADDLE BRACKET OR EQUIVALENT
3. WHEN POST MOUNTING IS SPECIFIED, ITEM #9 SHALL NOT BE REQUIRED. THE DETECTION UNIT SHALL BE MOUNTED DIRECTLY ON TOP OF THE CAP BY DRILLING AND TAPPING A 3/4 "(19 mm) HOLE WITH PIPE THREADS. THE POST CAP SHALL EITHER BE SCREWED TO THE TOP OF THE POST OR A MINIMUM OF 3 TIGHTENING SCREWS SHALL BE REQUIRED ON EACH CAP.



MATERIAL
- ASTM A36 STEEL
- ASTM A-123 HOT DIPPED GALVANIZED

A	B	C	HEIGHT	WEIGHT
VARIABLES	9.5"(241mm)	19"(483mm)	7" (178mm) - 12" (300mm)	53 lbs (24kg)
VARIABLES	10.75"(273mm)	21.5"(546mm)	7" (178mm) - 12" (300mm)	68 lbs (31 kg)
VARIABLES	13.0"(330mm)	26"(660mm)	7" (178mm) - 12" (300mm)	81 lbs (37 kg)
VARIABLES	18.5"(470mm)	37"(940mm)	7" (178mm) - 12" (300mm)	126 lbs (57 kg)

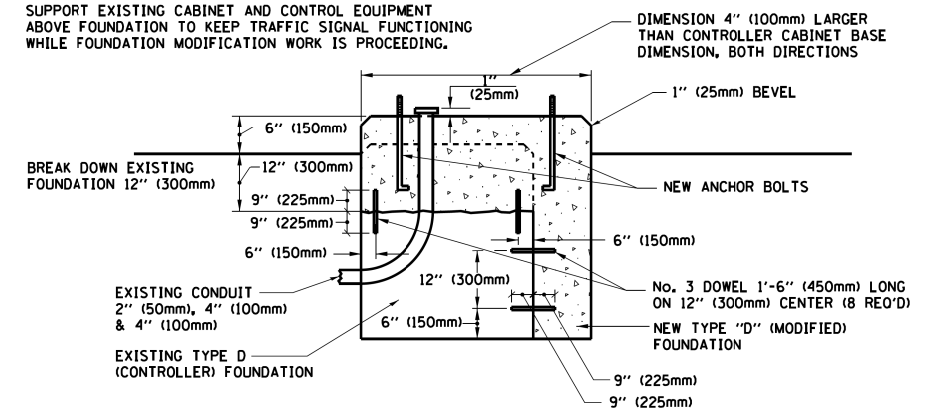
SHROUD

NOTES:

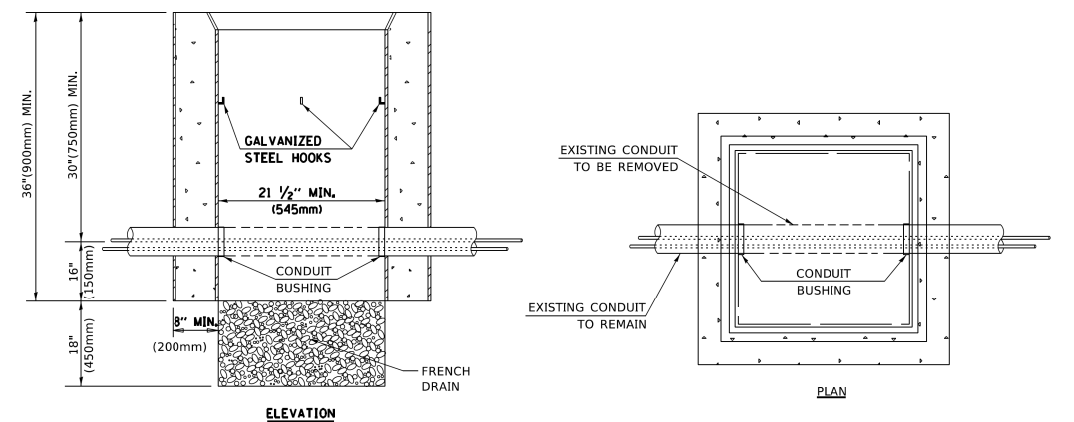
1. DIMENSION "A" IS EQUAL TO THE DIAMETER OF THE MAST ARM POLE AT THE TOP OF THE SHROUD. THE SHROUD SHALL BE TIGHT TO THE MAST ARM POLE.
2. THE SUPPLIER SHALL VERIFY THE ABOVE DIMENSIONS BASED ON MAST ARM REQUIREMENTS.
3. THE HEIGHT OF THE SHROUD SHALL COVER THE ANCHOR BOLTS, NUTS AND MAST ARM POLE BASE.

NOTE:

SUPPORT EXISTING CABINET AND CONTROL EQUIPMENT ABOVE FOUNDATION TO KEEP TRAFFIC SIGNAL FUNCTIONING WHILE FOUNDATION MODIFICATION WORK IS PROCEEDING.



MODIFY EXISTING TYPE "D" FOUNDATION



NOTES:

1. HANDHOLE CONSTRUCTED PER STATE STANDARD 814001.
2. REMOVAL OF THE EXISTING CONDUIT FROM THE HANDHOLE AND THE INSTALLATION OF THE CONDUIT BUSHINGS SHALL BE INCLUDED WITH THE COST OF THE HANDHOLE.

HANDHOLE TO INTERCEPT EXISTING CONDUIT

MODEL: Default
FILE: M:\1108\1108\FID\TEC\Illinois.gov\PIV\DOT\Documents\DOT_Offices\District_1\Projects\Dist5\223231\CADD\Dist1\CAD\Sheets\ts05.dgn

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PLOT DATE = 3/4/2019	CHECKED -	REVISED -
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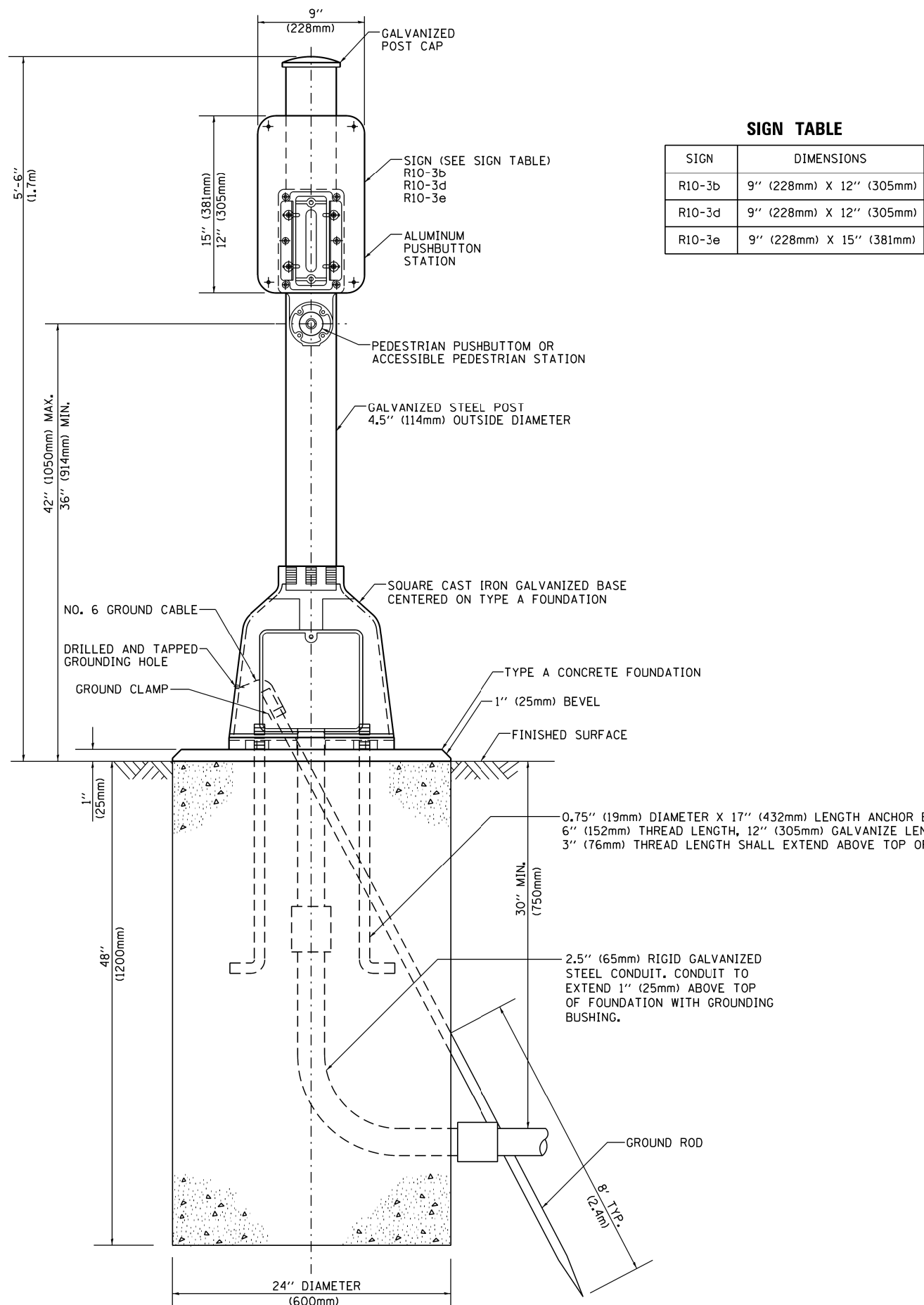
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**DISTRICT ONE
STANDARD TRAFFIC SIGNAL DESIGN DETAILS**

SCALE: NONE SHEET 6 OF 7 SHEETS STA. TO STA.

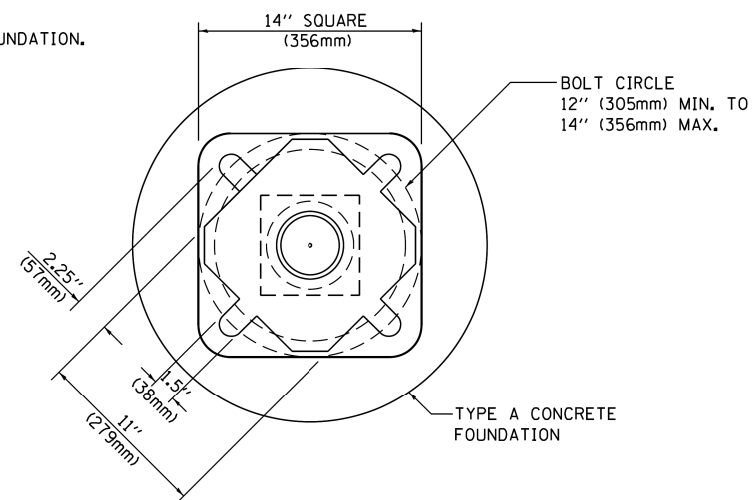
F.A. RTE. 400	SECTION 18-00515-01-WR	COUNTY WILL	TOTAL SHEETS 115	SHEET NO. 64
TS-05		CONTRACT NO. 61K81		
ILLINOIS FED. AID PROJECT				

TS SHT NO. 7



SIGN TABLE

SIGN	DIMENSIONS
R10-3b	9" (228mm) X 12" (305mm)
R10-3d	9" (228mm) X 12" (305mm)
R10-3e	9" (228mm) X 15" (381mm)



BOLT PATTERN

PEDESTRIAN PUSH BUTTON POST, TYPE A

FILE NAME =	USER NAME = plascencia	DESIGNED -	REVISED -
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Default	PLOT SCALE = 100.0000' / 1"	CHECKED -	REVISED -
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**DISTRICT ONE
STANDARD TRAFFIC SIGNAL DESIGN DETAILS**

SCALE: NONE SHEET 7 OF 7 SHEETS STA. TO STA.

F.A. I. RTL.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
400	18-00515-01-WR	WILL	115	65
TS-05			CONTRACT NO. 61K81	
ILLINOIS FED. AID PROJECT				

TRAFFIC SIGNAL LEGEND



(A)

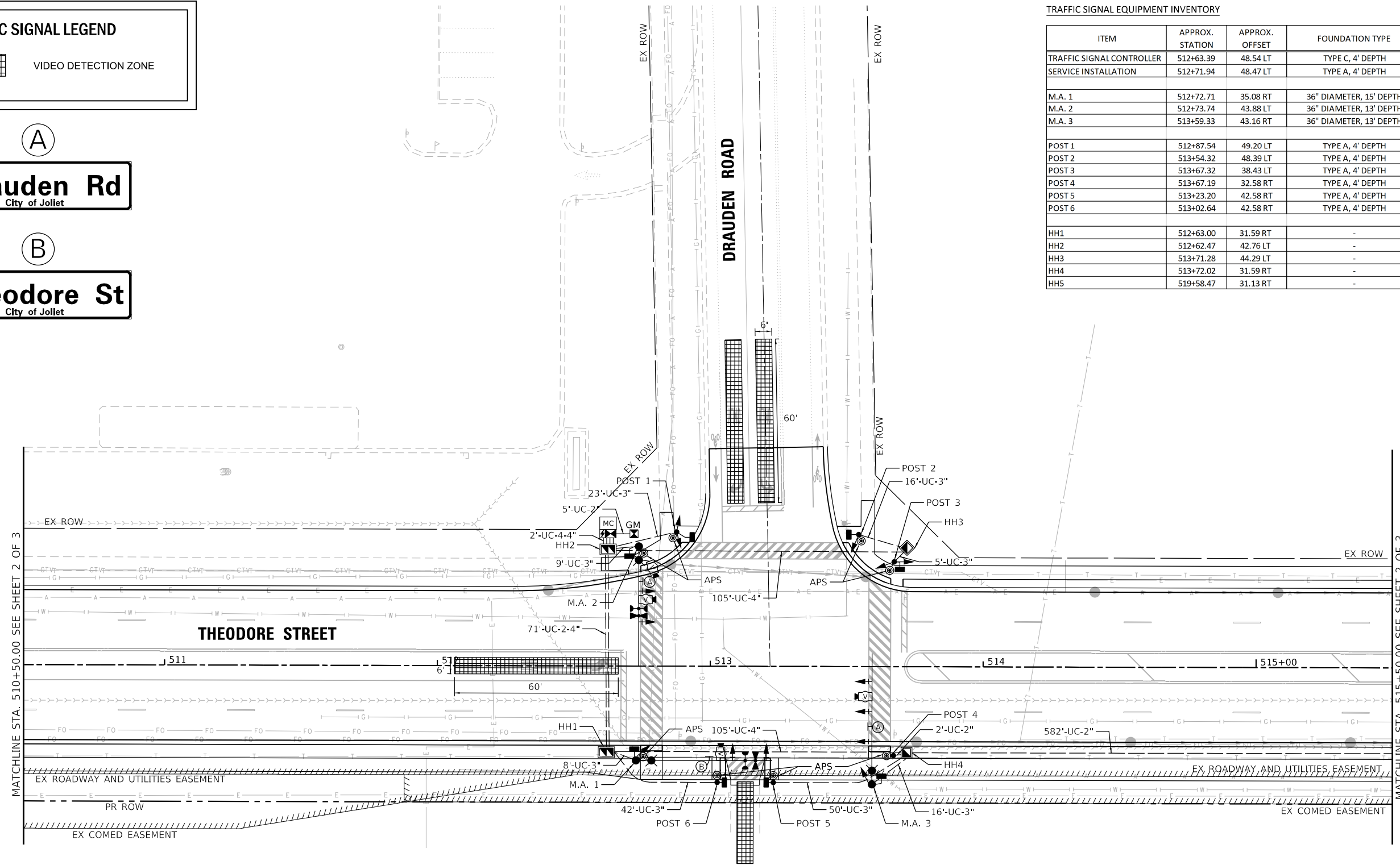
Drauden Rd
City of Joliet

(B)

Theodore St
City of Joliet

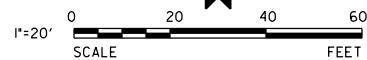
TRAFFIC SIGNAL EQUIPMENT INVENTORY

ITEM	APPROX. STATION	APPROX. OFFSET	FOUNDATION TYPE	EQUIPMENT
TRAFFIC SIGNAL CONTROLLER	512+63.39	48.54 LT	TYPE C, 4' DEPTH	CONTROLLER CABINET
SERVICE INSTALLATION	512+71.94	48.47 LT	TYPE A, 4' DEPTH	GROUND MOUNTED CABINET
M.A. 1	512+72.71	35.08 RT	36" DIAMETER, 15' DEPTH	COMBINATION MAST ARM POLE - 50' M.A.
M.A. 2	512+73.74	43.88 LT	36" DIAMETER, 13' DEPTH	COMBINATION MAST ARM POLE - 44' M.A.
M.A. 3	513+59.33	43.16 RT	36" DIAMETER, 13' DEPTH	COMBINATION MAST ARM POLE - 48' M.A.
POST 1	512+87.54	49.20 LT	TYPE A, 4' DEPTH	SIGNAL POST - 16'
POST 2	513+54.32	48.39 LT	TYPE A, 4' DEPTH	SIGNAL POST - 16'
POST 3	513+67.32	38.43 LT	TYPE A, 4' DEPTH	SIGNAL POST - 16'
POST 4	513+67.19	32.58 RT	TYPE A, 4' DEPTH	PEDESTRIAN PUSH BUTTON POST, TYPE A - 5'
POST 5	513+23.20	42.58 RT	TYPE A, 4' DEPTH	SIGNAL POST - 10'
POST 6	513+02.64	42.58 RT	TYPE A, 4' DEPTH	SIGNAL POST - 10'
HH1	512+63.00	31.59 RT	-	DOUBLE HAND-HOLE
HH2	512+62.47	42.76 LT	-	DOUBLE HAND-HOLE
HH3	513+71.28	44.29 LT	-	HANDHOLE
HH4	513+72.02	31.59 RT	-	HANDHOLE
HH5	519+58.47	31.13 RT	-	HANDHOLE



MATCHLINE STA. 510+50.00 SEE SHEET 2 OF 3

MATCHLINE STA. 515+50.00 SEE SHEET 2 OF 3



NOTES:

1. THE TRAFFIC SIGNAL CONTROLLER EQUIPMENT FOR THIS PROJECT SHALL BE "ECONOLITE" TO MATCH EXISTING ADJACENT SYSTEM.
2. CHANGEABLE MESSAGE SIGNS SHALL BE INSTALLED ON EACH ROADWAY APPROACHING THE INTERSECTION A MINIMUM OF ONE WEEK PRIOR TO TURNING ON THE SIGNAL.
3. RESTORATION OF THE TRAFFIC SIGNAL WORK AREA SHALL BE INCIDENTAL TO THE RELATED PAY ITEM SUCH AS FOUNDATION, CONDUIT, HANDHOLE, TRENCH BACKFILL, ETC., AND NO EXTRA COMPENSATION SHALL BE ALLOWED. ALL ROADWAY SURFACES SUCH AS SHOULDERS, MEDIANS, SIDEWALKS, PAVEMENT, ETC. SHALL BE REPLACED IN KIND. ALL DAMAGE TO MOWED LAWNS SHALL BE REPLACED WITH AN APPROVED SOD, AND ALL DAMAGE TO UNMOWED FIELDS SHALL BE SEED IN ACCORDANCE WITH STANDARD SPECIFICATIONS 252 AND 250 RESPECTIVELY.

TS SHT NO. 01

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www.v3co.com

USER NAME = lyanisch	DESIGNED - CJF	REVISED -
PLOT SCALE = 40'	DRAWN - DRP	REVISED -
PLOT DATE = 9/17/2024	CHECKED - MJR	REVISED -
	DATE - 9/17/2024	REVISED -

THEODORE STREET WIDEN AND RESURFACE

JOLIET

**TRAFFIC SIGNAL MODERNIZATION PLAN
THEODORE ST AT DRAUDEN RD**

ILLINOIS SCALE: 1"=20'

SHEET 1 OF 4 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
400	18-00515-01-WR	WILL	115	66
				CONTRACT NO. 61K81
		ILLINOIS	FED. AID PROJECT	

TS SHT NO. 02

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PLOT SCALE = 40'	DRAWN - DRP	REVISED -
PLOT DATE = 9/17/2024	CHECKED - MJR	REVISED -
	DATE - 9/17/2024	REVISED -

DESIGNED - CJF	REVISED -
DRAWN - DRP	REVISED -
CHECKED - MJR	REVISED -
DATE - 9/17/2024	REVISED -

THEODORE STREET WIDEN AND RESURFACE

JOLIET

ILLINOIS

**TRAFFIC SIGNAL MODERNIZATION PLAN
THEODORE ST AT DRAUDEN RD**

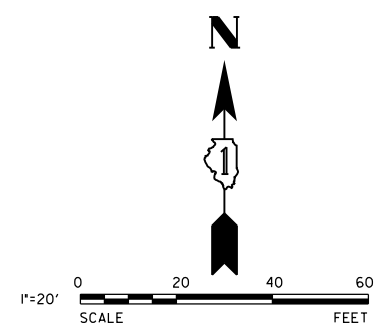
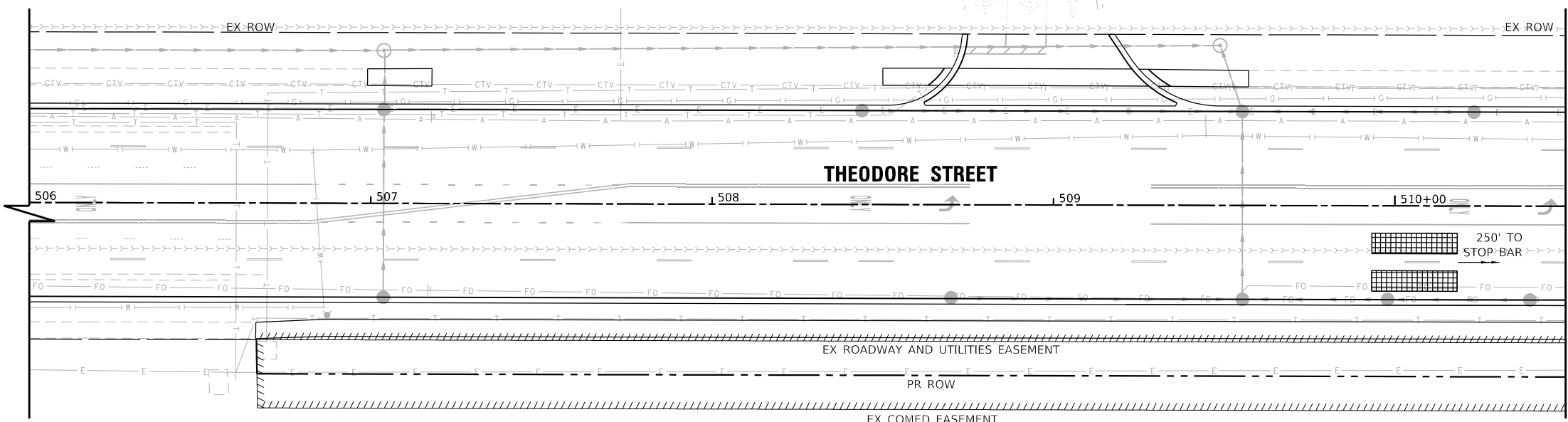
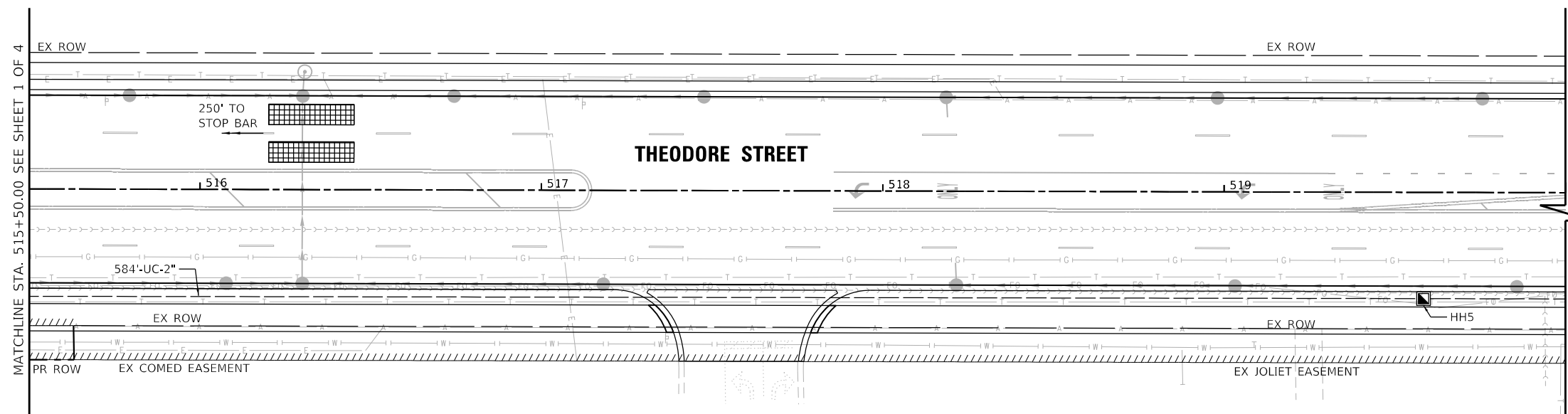
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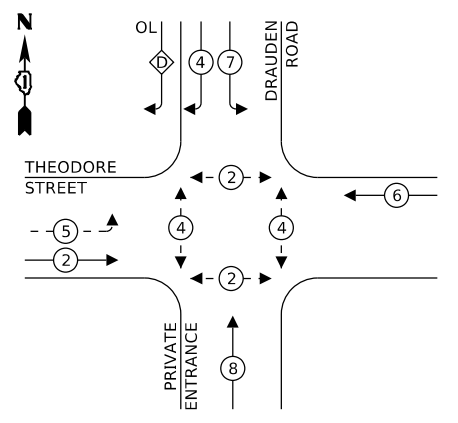
SHEET 2 OF 4 SHEETS

STA.

TO STA.

F.A.U. RTE. 400	SECTION 18-00515-01-WR	COUNTY WILL	TOTAL SHEETS 115	SHEET NO. 67
CONTRACT NO. 61K81				
ILLINOIS FED. AID PROJECT				



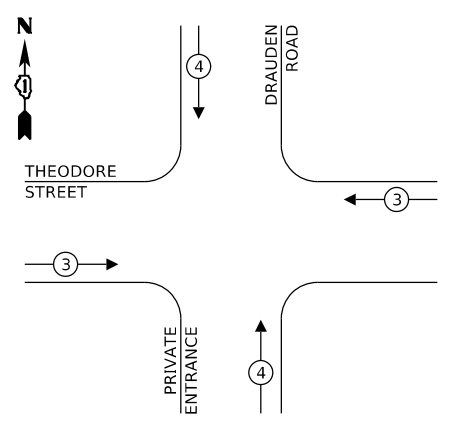


- LEGEND:**
- ← (*) PROTECTED PHASE
 - ←- (*) - PROTECTED/PERMITTED PHASE
 - ←- (*) → PEDESTRIAN PHASE
 - ← (*) → OL OVERLAP

RIGHT TURN OVERLAP PHASE DESIGNATION:

OVERLAP LETTER	PERMISSIVE PHASE	PROTECTED PHASE
D	= 8	+ 1

PROPOSED CONTROLLER SEQUENCE



PROPOSED EMERGENCY VEHICLE PREEMPTORS

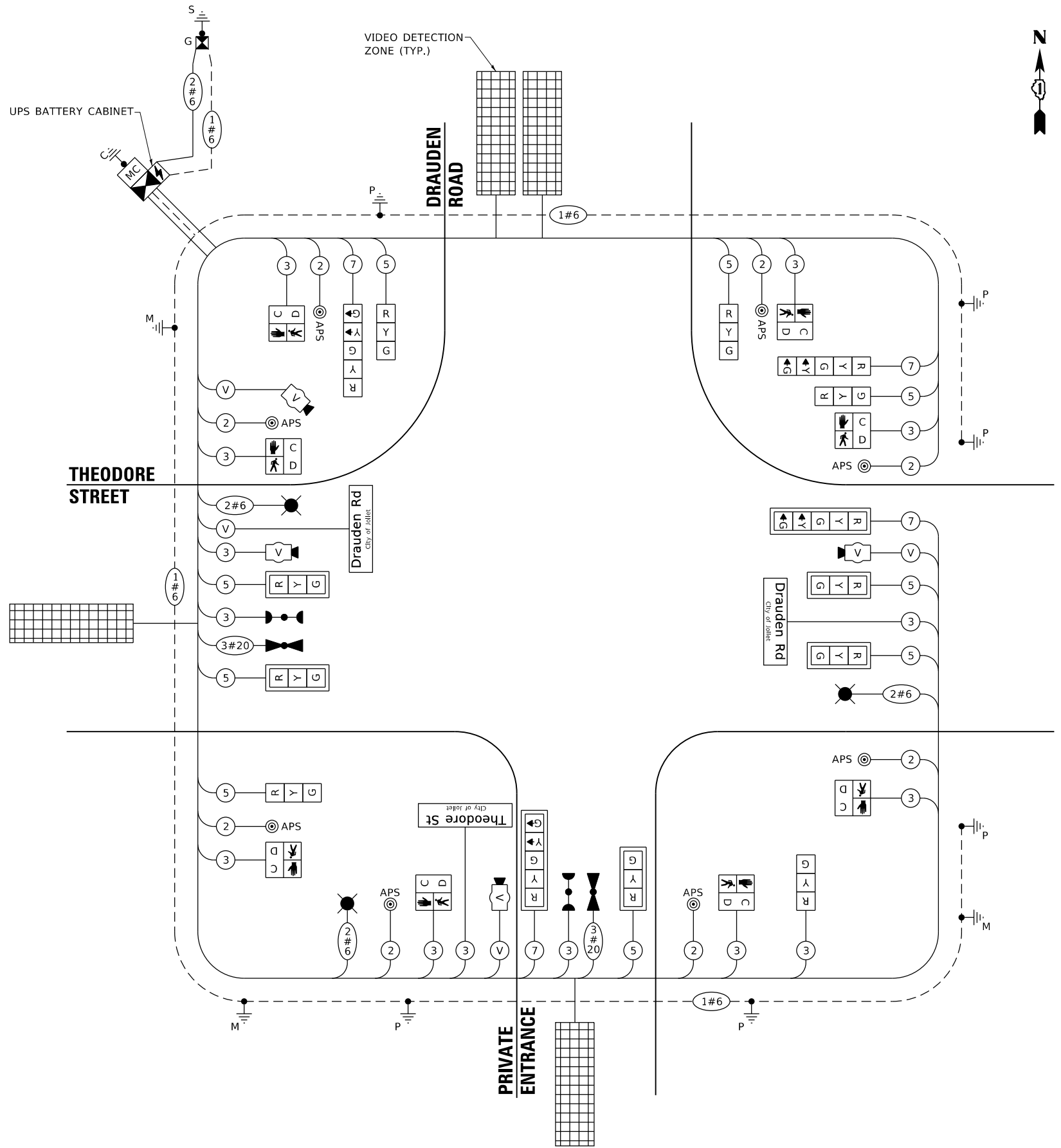
EMERGENCY VEHICLE PREEMPTOR	3	4
MOVEMENT	← →	↑ ↓

PROPOSED EMERGENCY VEHICLE PREEMPTION SEQUENCE

TRAFFIC SIGNAL ELECTRICAL SERVICE REQUIREMENTS

TYPE	NO. OF LAMPS	LED WATTAGE	% OPERATION	TOTAL WATTAGE
SIGNAL (RED)	14	17	50	119.0
(YELLOW)	14	25	25	87.5
(GREEN)	14	15	25	52.5
ARROW	8	12	10	9.6
PED. SIGNAL	6	25	100	150.0
CONTROLLER	1	100	100	100.0
UPS	1	25	100	25.0
VIDEO SYSTEM	1	150	100	150.0
BLANK-OUT SIGN	-	25	5	-
FLASHER	-	-	50	-
STREET NAME SIGN	3	25	50	37.5
LUMINAIRE	-	-	-	-
TOTAL =				731.1

ENERGY COSTS TO:
CITY OF JOLIET
 150 W JEFFERSON ST
 JOLIET, IL 60432
 ENERGY SUPPLY: CONTACT: RICK OSTER
 PHONE: (779) 231-0625
 COMPANY: COMMONWEALTH EDISON
 ACCOUNT NUMBER: ---



CABLE PLAN
(NOT TO SCALE)

TS SHT NO. 03

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DRAWN - DRP	REVISED -
CHECKED - MJR	REVISED -
DATE - 9/17/2024	REVISED -

THEODORE STREET WIDEN AND RESURFACE

JOLIET ILLINOIS

CABLE PLAN, PHASE DESIGNATION DIAGRAM, AND EMERGENCY VEHICLE PREEMPTION SEQUENCE FOR THEODORE ST AND DRAUDEN RD

SCALE: NONE SHEET 3 OF 4 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
400	18-00515-01-WR	WILL	115	68

CONTRACT NO. 61K81

ILLINOIS FED. AID PROJECT

TS XXX
ECON XX

TS SHT NO. 04

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FILE NAME: R:\2025\220160\Drawings\Main\CADD_Sheets\Project_IBID\220160-sht-04.dgn

SCHEDULE OF TRAFFIC SIGNAL QUANTITIES

ITEM DESCRIPTION	UNITS	TOTAL QTY
UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.	FOOT	7
UNDERGROUND CONDUIT, GALVANIZED STEEL, 3" DIA.	FOOT	169
UNDERGROUND CONDUIT, GALVANIZED STEEL, 4" DIA.	FOOT	360
HANDHOLE	EACH	2
DOUBLE HANDHOLE	EACH	2
MASTER CONTROLLER	EACH	1
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	1,343
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	1,533
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	1,735
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	704
ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2 C	FOOT	13
ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	1,886
TRAFFIC SIGNAL POST, GALVANIZED STEEL 10 FT.	EACH	2
TRAFFIC SIGNAL POST, GALVANIZED STEEL 16 FT.	EACH	3
STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 44 FT.	EACH	1
STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 48 FT.	EACH	1
STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 50 FT.	EACH	1
CONCRETE FOUNDATION, TYPE A	FOOT	28
CONCRETE FOUNDATION, TYPE C	FOOT	4
CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER	FOOT	52
SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST-ARM MOUNTED	EACH	5
SIGNAL HEAD, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED	EACH	5
SIGNAL HEAD, LED, 1-FACE, 5-SECTION, BRACKET MOUNTED	EACH	2
SIGNAL HEAD, LED, 1-FACE, 5-SECTION, MAST-ARM MOUNTED	EACH	2
PEDESTRIAN SIGNAL HEAD, LED, 1-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER	EACH	8
TRAFFIC SIGNAL BACKPLATE, LOUVERED, FORMED PLASTIC	EACH	7
LIGHT DETECTOR	EACH	2
LIGHT DETECTOR AMPLIFIER	EACH	1
RELOCATE EXISTING FLASHING BEACON	EACH	1
EMERGENCY VEHICLE PRIORITY SYSTEM LINE SENSOR CABLE, NO. 20 3/C	FOOT	215
LED INTERNALLY ILLUMINATED STREET NAME SIGN	EACH	3
SERVICE INSTALLATION, GROUND MOUNTED, METERED	EACH	1
ELECTRIC CABLE IN CONDUIT, STREET NAME SIGN, NO. 14 3C, TYPE SOOW	FOOT	538
FULL-ACTUATED CONTROLLER AND TYPE SUPER P CABINET (SPECIAL)	EACH	1
UNINTERRUPTABLE POWER SUPPLY (SPECIAL)	EACH	1
PEDESTRIAN PUSH-BUTTON POST, TYPE A	EACH	1
ACCESSIBLE PEDESTRIAN SIGNALS	EACH	8
VIDEO VEHICLE DETECTION SYSTEM, SINGLE APPROACH	EACH	4
OPTIMIZE TRAFFIC SIGNAL SYSTEM	EACH	1



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	DRAWN - DRP	REVISED -
PLOT SCALE = 2"	CHECKED - MJR	REVISED -
PLOT DATE = 11/12/2024	DATE - 9/17/2024	REVISED -

THEODORE STREET WIDEN AND RESURFACE

JOLIET

ILLINOIS

**SCHEDULE OF TRAFFIC SIGNAL QUANTITIES
THEODORE STREET AT DRAUDEN ROAD**

SCALE: NONE

SHEET 4 OF 4 SHEETS

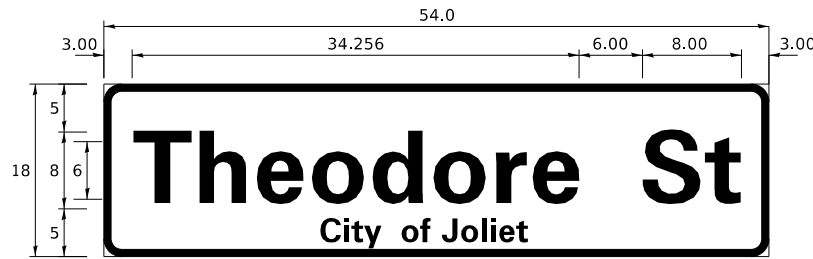
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TO STA.

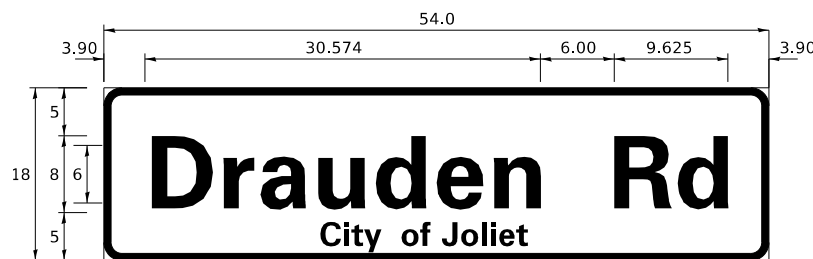
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
400	18-00515-01-WR	WILL	115	69
CONTRACT NO. 61K81				
ILLINOIS		FED. AID PROJECT		

ONE SIDED ILLUMINATED SIGN PANEL – TYPE 1

ALL DIMENSIONS ARE IN INCHES UNLESS NOTED OTHERWISE



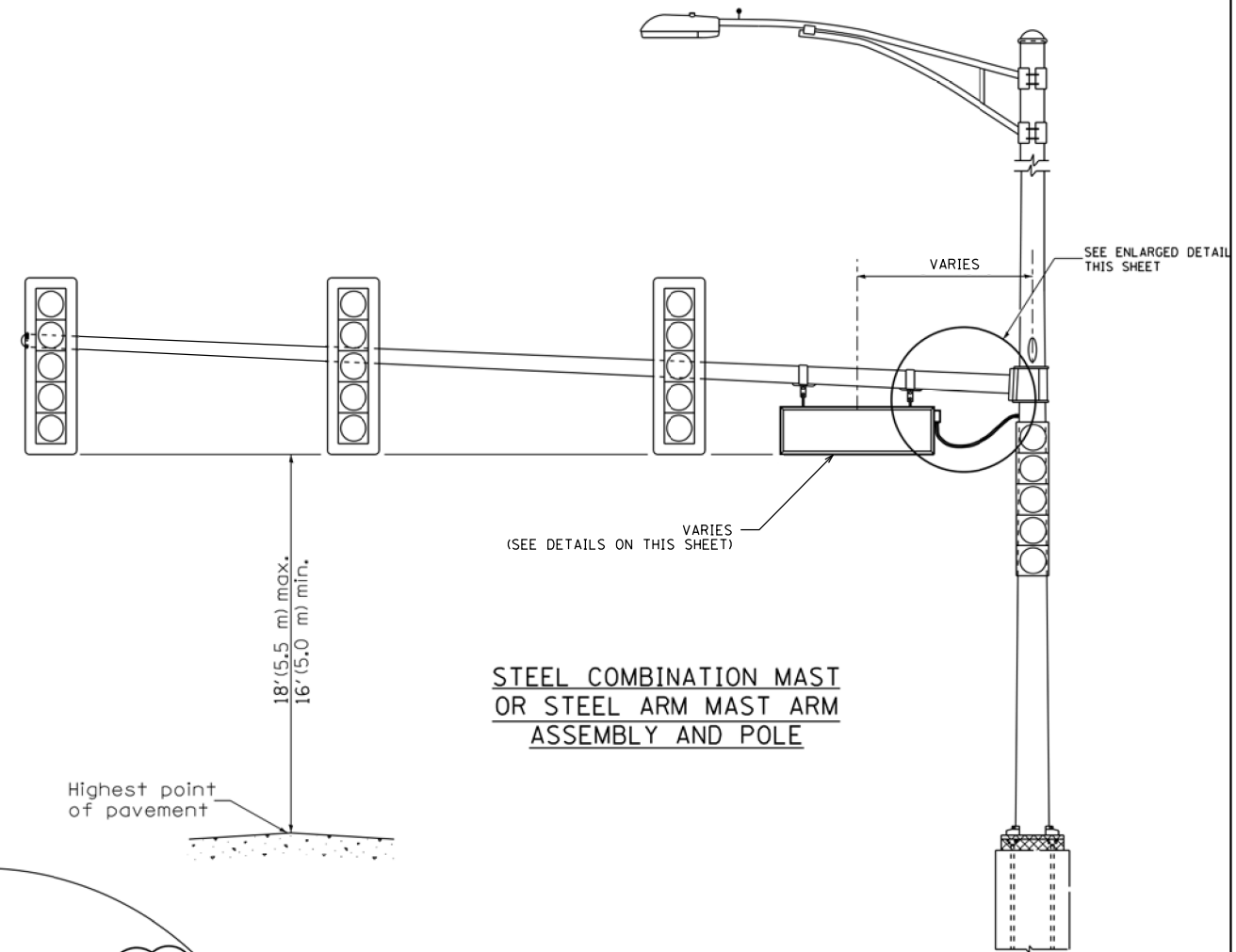
DESIGN SERIES	AREA (SQ FT)	SIGN PANEL TYPE	SHEETING TYPE	QTY REQUIRED
C	6.75	1	ZZ	1



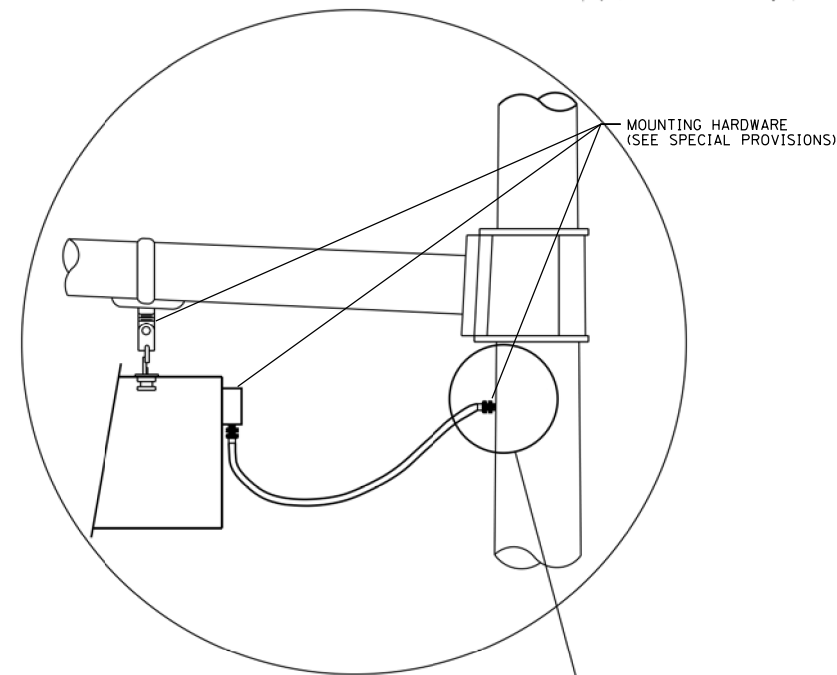
DESIGN SERIES	AREA (SQ FT)	SIGN PANEL TYPE	SHEETING TYPE	QTY REQUIRED
C	6.75	LED ILL.	ZZ	2

GENERAL NOTES

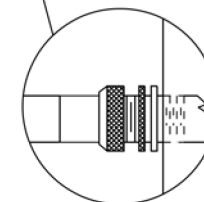
- WHERE MAST ARM MOUNTED STREET NAME SIGNS ARE SPECIFIED, THE MAST ARM ASSEMBLY AND POLES SHALL BE DESIGNED TO SUPPORT THE LOADINGS CALLED FOR ON STANDARDS 877001, 877002, 877006, 877011 AND 877012, AS APPLICABLE, PLUS TWO (2) SIGN PANELS 2'-6" x 6'-0" MOUNTED AS SHOWN. THE DESIGN SHALL BE IN ACCORDANCE WITH THE REQUIREMENTS OF THE CURRENT "STANDARD SPECIFICATIONS FOR STRUCTURAL SUPPORTS FOR HIGHWAY SIGNS, LUMINAIRES, AND TRAFFIC SIGNALS" AS PUBLISHED BY THE AMERICAN ASSOCIATION OF STATE HIGHWAY AND TRANSPORTATION OFFICIALS FOR 80 M.P.H. WIND VELOCITY.
- ALL SIGNS SHALL CONSIST OF A WHITE LEGEND AND BORDER (TYPE ZZ SHEETING) ON A GREEN BACKGROUND (TYPE ZZ SHEETING)
- THE SIGN LENGTH SHALL BE IN 6-INCH INCREMENTS, BUT THE OVERALL LENGTH SHALL NOT EXCEED 8'-0". ALL BORDERS IF POSSIBLE, BUT MAY BE REDUCED TO 5" WHEN SPACING IS CRITICAL. A MINIMUM OF 2-1/2" SHALL BE INCLUDED BETWEEN THE WORD AND THE RIGHT AND LEFT EDGES OF THE SIGN.
- A PREFERRED METHOD FOR THE SIGN DESIGN IS TO USE SERIES "D" LETTER ON A ONE-LINE SIGN 18" IN HEIGHT AND A MAXIMUM OF 8'-0" IN WIDTH. IF SERIES "D" DOES NOT FIT ON A 8'-0" SIGN, THEN SERIES "C" SHOULD BE TRIED. IF SERIES "C" DOES NOT FIT ON A 8'-0" SIGN, A 30" HIGH TWO-LINE SIGN CAN BE USED. THE CROSSROAD DESIGNATION AS TO STREET, AVENUE, ETC. SHOULD BE SPELLED OUT ON THE SECOND LINE, IF THE ABBREVIATION CANNOT FIT ON THE FIRST LINE.
- LED ILLUMINATED STREET NAME SIGNS CAN BE USED IN PLACE OF REGULAR SIGN PANELS BUT ANY SPECIAL WORDING AND SYMBOLOGY MUST BE APPROVED BY THE DEPARTMENT. GENERAL DESIGN REQUIREMENT AS LISTED ABOVE (COLOR, FONT, SIZE, ETC.) MUST BE FOLLOWED.
- BRANDS OF MOUNTING MATERIAL MUST BE APPROVED BY DEPARTMENT.



STEEL COMBINATION MAST OR STEEL ARM MAST ARM ASSEMBLY AND POLE



L.E.D. SIGN ENLARGED CABLE CONNECTOR DETAIL



L.E.D. SIGN ENLARGED CABLE CONNECTOR DETAIL

LED ILLUMINATED SIGN PANEL

NOTES:

- SIGNS SHALL BE DUAL SIDED. FRONT AND BACK OF SIGN WILL BE THE SAME.
- SIGNS SHALL NOT BE ENERGIZED WHEN TRAFFIC SIGNALS ARE POWERED BY THE UPS. THE SIGNS SHALL BE CONNECTED TO THE UPS BYPASS CIRCUITRY.
- ALL WIRING WITHIN THE CABINET SHALL BE COLOR CODED AS INDICATED:
R = RED BL = BLUE W = WHITE
B = BLACK Y = YELLOW G = GREEN
- ALL 120 VOLT SYSTEM AND ALL CONTROL WIRING SHALL BE #12AWG STRANDED UNLESS OTHERWISE INDICATED.
- ALL WIRING SHALL BE NEATLY DRESSED AND SUPPORTED.

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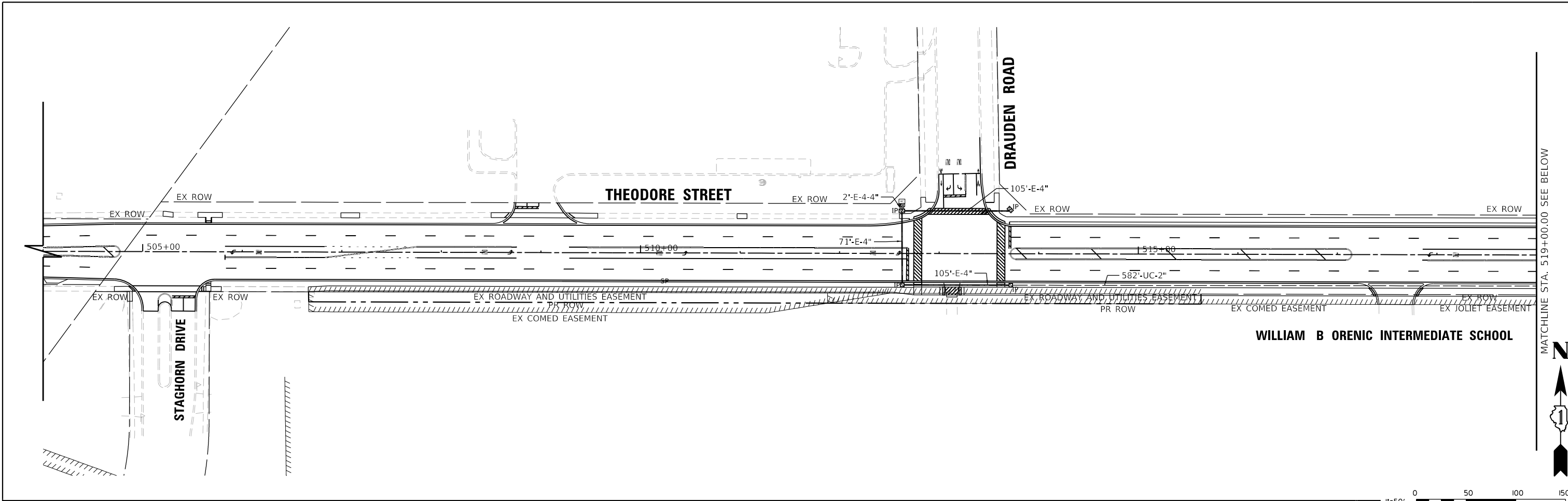
USER NAME = lyanisch
DESIGNED - CJF
DRAWN - DRP
CHECKED - MJR
DATE - 9/17/2024

REVISED -
REVISED -
REVISED -
REVISED -

THEODORE STREET WIDEN AND RESURFACE
JOLIET

MAST ARM MOUNTED ILLUMINATED STREET NAME SIGN INSTALLATION
SCALE: SHEET 1 OF 1 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
400	18-00515-01-WR	WILL	115	70
CONTRACT NO. 61K81				
ILLINOIS FED. AID PROJECT				

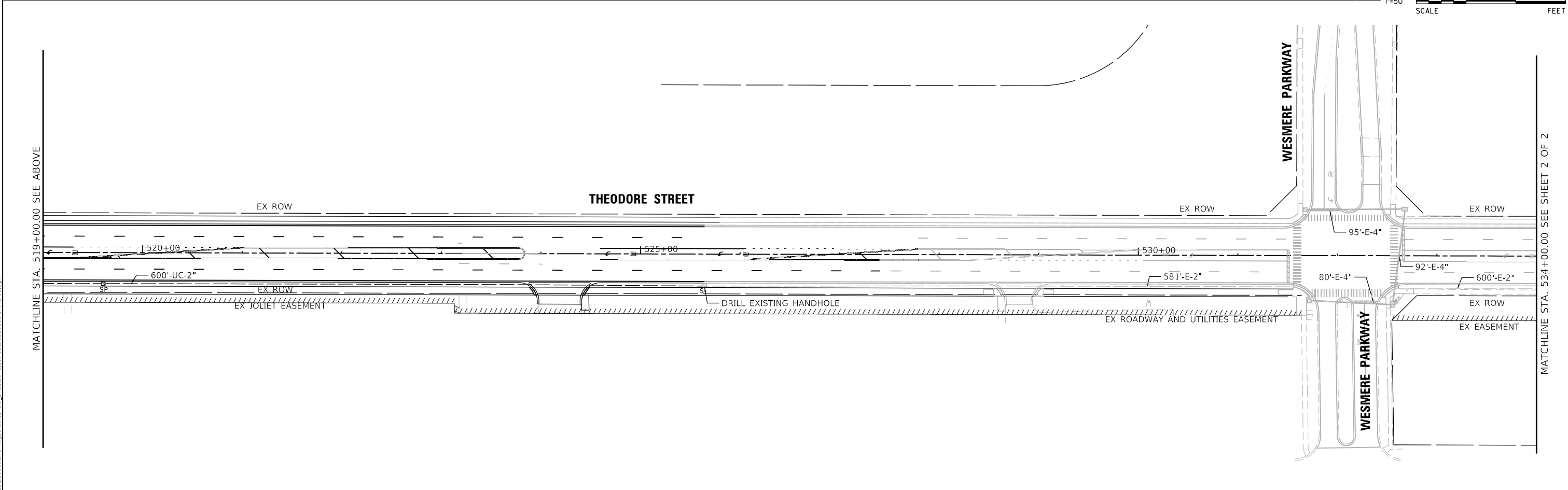


WILLIAM B ORENIC INTERMEDIATE SCHOOL

MATCHLINE STA. 519+00.00 SEE BELOW



1"=50'
SCALE FEET



MATCHLINE STA. 519+00.00 SEE ABOVE

MATCHLINE STA. 534+00.00 SEE SHEET 2 OF 2

MODEL: Default
FILE NAME: N:\2025\220160\Drawings\Main\CADD_Sheets\Project_IBID\220160-ams-cb.dgn



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PLOT SCALE = 100'	DRAWN - DRP	REVISED -
PLOT DATE = 11/12/2024	CHECKED - MJR	REVISED -
	DATE - 9/17/2024	REVISED -

DESIGNED - CJF	REVISED -
DRAWN - DRP	REVISED -
CHECKED - MJR	REVISED -
DATE - 9/17/2024	REVISED -

THEODORE STREET WIDEN AND RESURFACE

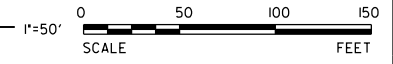
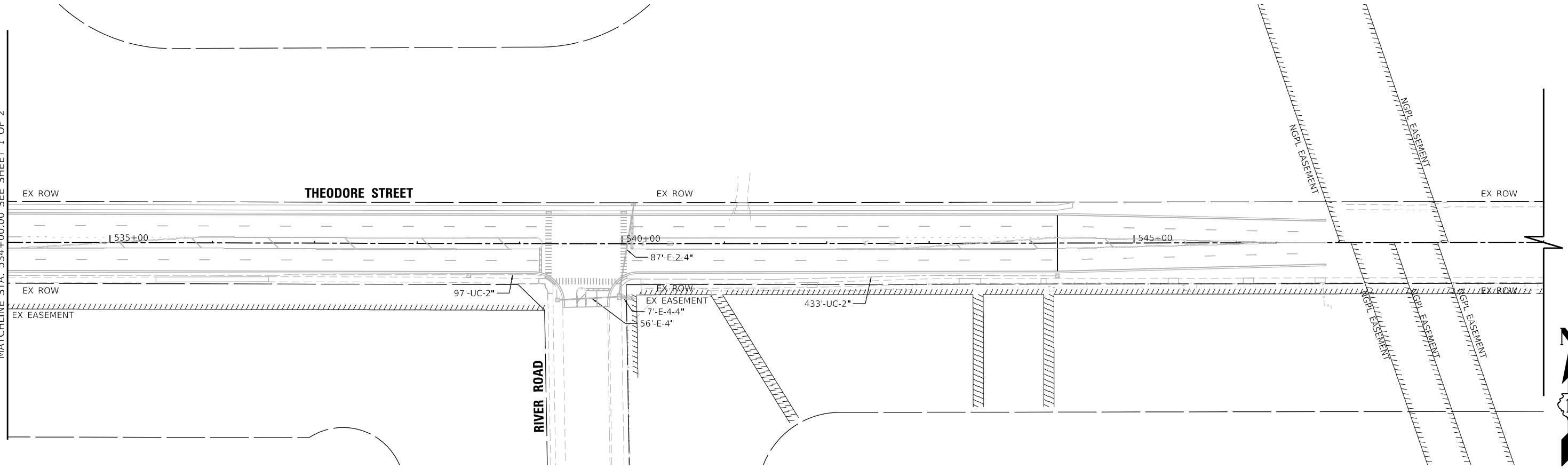
ILLINOIS

INTERCONNECT PLAN
THEODORE STREET

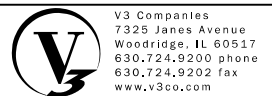
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F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
400	18-00515-01-WR	WILL	115	71
CONTRACT NO. 61K81				
ILLINOIS FED. AID PROJECT				

MATCHLINE STA. 534+00.00 SEE SHEET 1 OF 2



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



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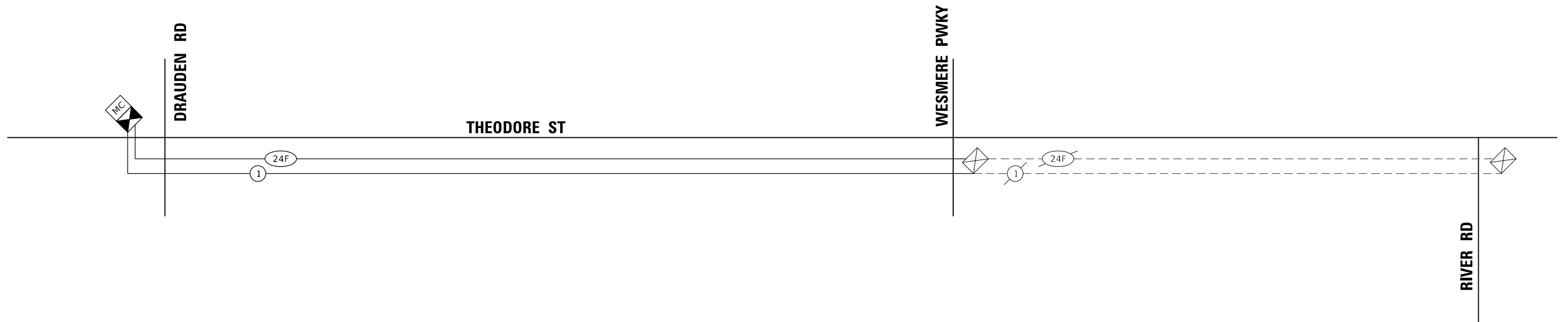
THEODORE STREET WIDEN AND RESURFACE
JOLIET ILLINOIS

**INTERCONNECT PLAN
THEODORE STREET**
SCALE: 1"=50' SHEET 2 OF 2 SHEETS STA. 534+00.00 TO STA. 534+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
400	18-00515-01-WR	WILL	115	72
CONTRACT NO. 61K81				
ILLINOIS FED. AID PROJECT				

INTERCONNECT SCHEMATIC LEGEND

-  EXISTING CONTROLLER
-  PROPOSED CONTROLLER
-  EXISTING TRACER CABLE NO. 14 1/C
-  PROPOSED TRACER CABLE NO. 14 1/C
-  EXISTING OPTIC CABLE 24 SINGLE MODE
-  PROPOSED OPTIC CABLE 24 SINGLE MODE



SCHEDULE OF QUANTITIES

ITEM DESCRIPTION	UNITS	TOTAL QTY
UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.	FOOT	1,182
HANDHOLE	EACH	1
ELECTRIC CABLE IN CONDUIT, TRACER, NO. 14 1C	FOOT	1,360
DRILL EXISTING HANDHOLE	EACH	1
FIBER OPTIC CABLE 24 FIBERS, SINGLE MODE	FOOT	1,360

TS SHT NO. 06

MODEL: Default
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USER NAME = lyanisch
PLOT SCALE = 100'
PLOT DATE = 9/17/2024

DESIGNED - CJF	REVISED -
DRAWN - DRP	REVISED -
CHECKED - MJR	REVISED -
DATE - 9/17/2024	REVISED -

THEODORE STREET WIDEN AND RESURFACE

JOLIET

ILLINOIS

INTERCONNECT SCHEMATIC PLAN THEODORE STREET

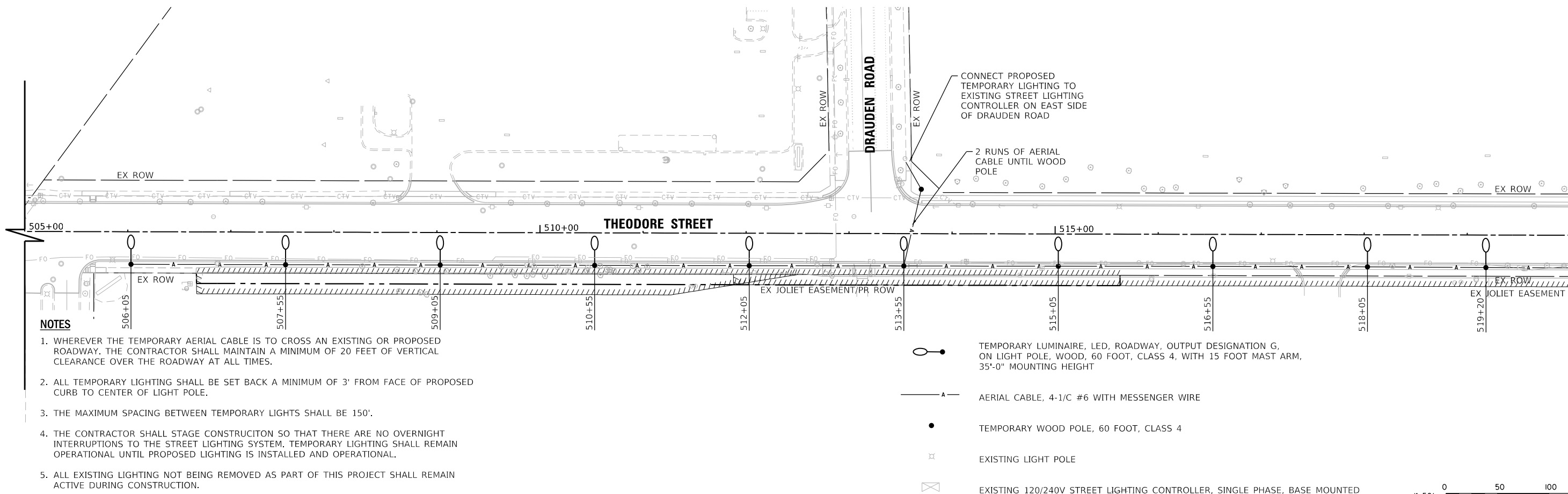
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SHEET 1 OF 1 SHEETS

STA.

TO STA.

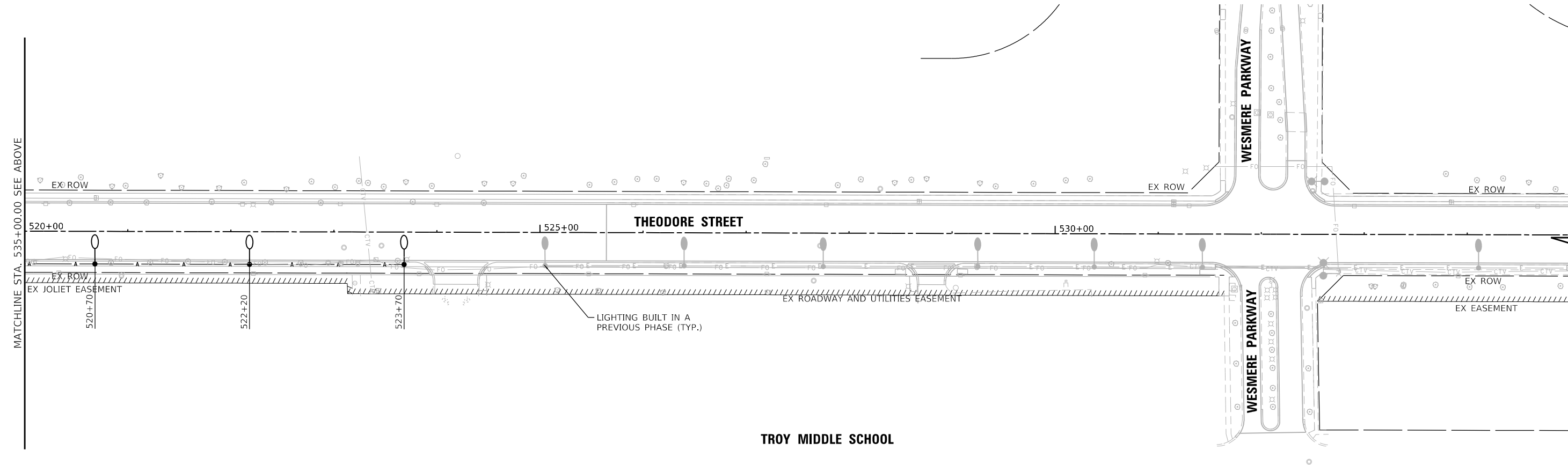
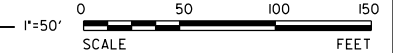
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
400	18-00515-01-WR	WILL	115	73
CONTRACT NO. 61K81				
ILLINOIS		FED. AID PROJECT		



NOTES

1. WHEREVER THE TEMPORARY AERIAL CABLE IS TO CROSS AN EXISTING OR PROPOSED ROADWAY, THE CONTRACTOR SHALL MAINTAIN A MINIMUM OF 20 FEET OF VERTICAL CLEARANCE OVER THE ROADWAY AT ALL TIMES.
2. ALL TEMPORARY LIGHTING SHALL BE SET BACK A MINIMUM OF 3' FROM FACE OF PROPOSED CURB TO CENTER OF LIGHT POLE.
3. THE MAXIMUM SPACING BETWEEN TEMPORARY LIGHTS SHALL BE 150'.
4. THE CONTRACTOR SHALL STAGE CONSTRUCTION SO THAT THERE ARE NO OVERNIGHT INTERRUPTIONS TO THE STREET LIGHTING SYSTEM. TEMPORARY LIGHTING SHALL REMAIN OPERATIONAL UNTIL PROPOSED LIGHTING IS INSTALLED AND OPERATIONAL.
5. ALL EXISTING LIGHTING NOT BEING REMOVED AS PART OF THIS PROJECT SHALL REMAIN ACTIVE DURING CONSTRUCTION.

- TEMPORARY LUMINAIRE, LED, ROADWAY, OUTPUT DESIGNATION G, ON LIGHT POLE, WOOD, 60 FOOT, CLASS 4, WITH 15 FOOT MAST ARM, 35'-0" MOUNTING HEIGHT
- AERIAL CABLE, 4-1/C #6 WITH MESSENGER WIRE
- TEMPORARY WOOD POLE, 60 FOOT, CLASS 4
- EXISTING LIGHT POLE
- EXISTING 120/240V STREET LIGHTING CONTROLLER, SINGLE PHASE, BASE MOUNTED



MODEL: Default
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PLOT SCALE = 100'	DRAWN - DRP	REVISED -
PLOT DATE = 9/17/2024	CHECKED - MJR	REVISED -
	DATE - 9/17/2024	REVISED -

THEODORE STREET WIDEN AND RESURFACE

TEMPORARY LIGHTING PLAN

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
400	18-00515-01-WR	WILL	115	74
CONTRACT NO. 61K81				
		ILLINOIS	FED. AID PROJECT	

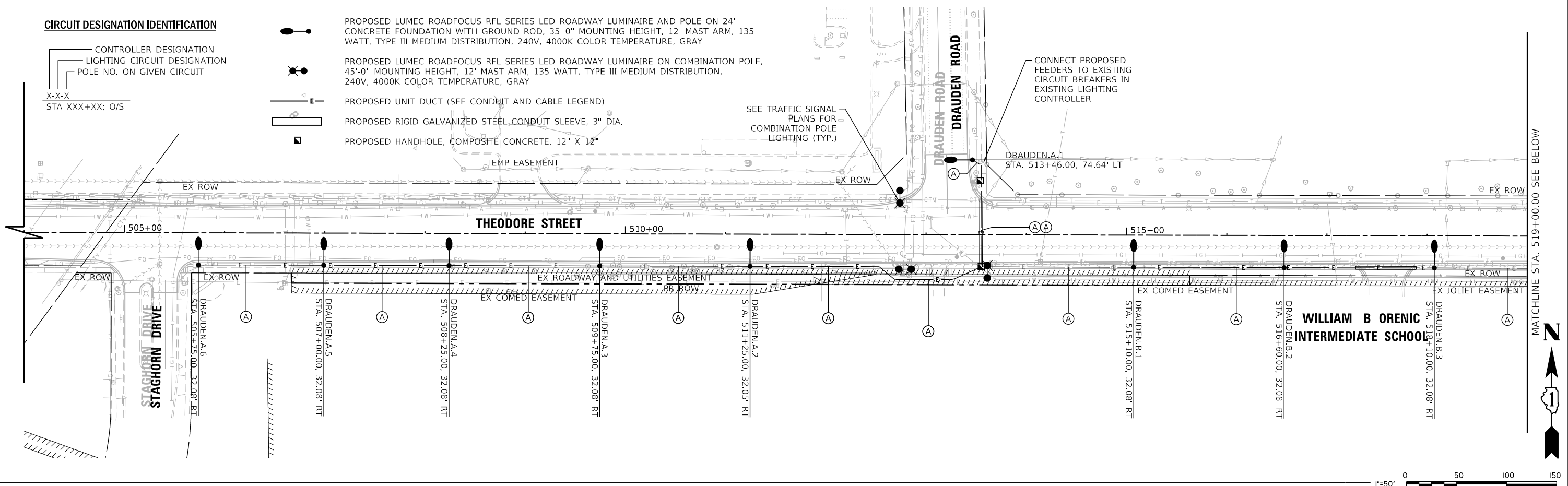
JOLIET ILLINOIS SCALE: 1"=50' SHEET 1 OF 1 SHEETS STA. 520+00.00 TO STA. 550+00.00

CIRCUIT DESIGNATION IDENTIFICATION

CONTROLLER DESIGNATION
 LIGHTING CIRCUIT DESIGNATION
 POLE NO. ON GIVEN CIRCUIT

X-X-X
 STA XXX+XX; O/S

- PROPOSED LUMEC ROADFOCUS RFL SERIES LED ROADWAY LUMINAIRE AND POLE ON 24" CONCRETE FOUNDATION WITH GROUND ROD, 35'-0" MOUNTING HEIGHT, 12' MAST ARM, 135 WATT, TYPE III MEDIUM DISTRIBUTION, 240V, 4000K COLOR TEMPERATURE, GRAY
- PROPOSED LUMEC ROADFOCUS RFL SERIES LED ROADWAY LUMINAIRE ON COMBINATION POLE, 45'-0" MOUNTING HEIGHT, 12' MAST ARM, 135 WATT, TYPE III MEDIUM DISTRIBUTION, 240V, 4000K COLOR TEMPERATURE, GRAY
- PROPOSED UNIT DUCT (SEE CONDUIT AND CABLE LEGEND)
- PROPOSED RIGID GALVANIZED STEEL CONDUIT SLEEVE, 3" DIA.
- PROPOSED HANDHOLE, COMPOSITE CONCRETE, 12" X 12"

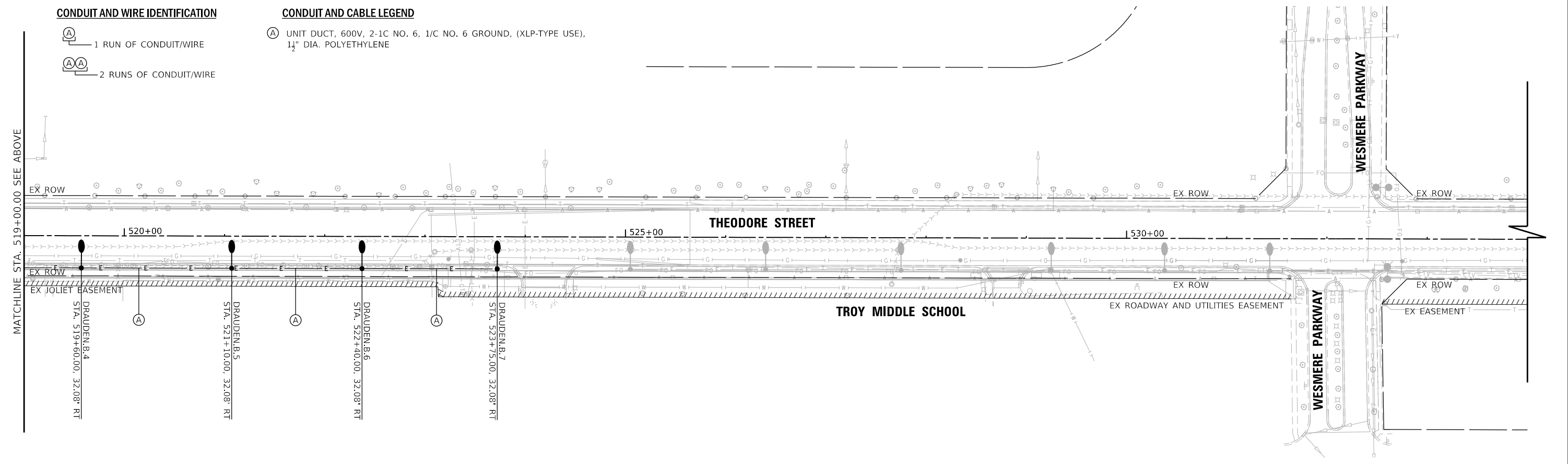


CONDUIT AND WIRE IDENTIFICATION

- 1 RUN OF CONDUIT/WIRE
- 2 RUNS OF CONDUIT/WIRE

CONDUIT AND CABLE LEGEND

- UNIT DUCT, 600V, 2-1C NO. 6, 1/C NO. 6 GROUND, (XLP-TYPE USE), 1 1/2" DIA. POLYETHYLENE



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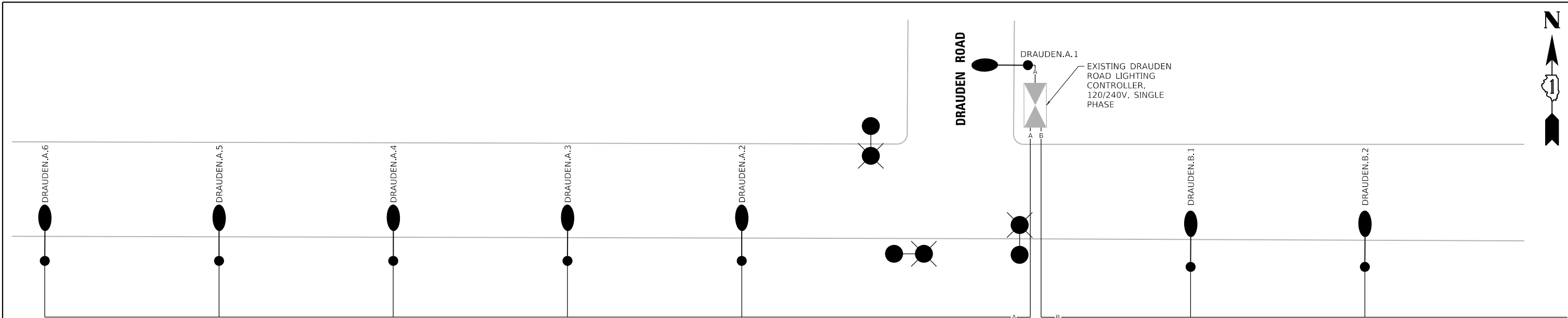
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USER NAME = lyanisch	DESIGNED - CJF	REVISED -
PLOT SCALE = 100'	DRAWN - DRP	REVISED -
PLOT DATE = 9/17/2024	CHECKED - MJR	REVISED -
	DATE = 9/17/2024	REVISED -

THEODORE STREET WIDEN AND RESURFACE

STREET LIGHTING PLAN	
F.A.U. RTE. 400	SECTION 18-00515-01-WR
SCALE: 1"=50'	
SHEET 1 OF 1 SHEETS	
STA. 504+00.00 TO STA. 534+00.00	

COUNTY WILL	TOTAL SHEETS 115	SHEET NO. 75
CONTRACT NO. 61K81		
ILLINOIS FED. AID PROJECT		

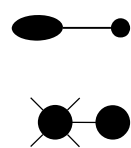


PROPOSED THEODORE STREET LIGHTING



PROPOSED THEODORE STREET LIGHTING

THEODORE STREET LIGHTING BUILT IN PREVIOUS PHASE



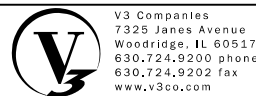
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PROPOSED LUMEC ROADFOCUS RFL SERIES LED ROADWAY LUMINAIRE ON COMBINATION POLE, 45'-0" MOUNTING HEIGHT, 12' MAST ARM, 135 WATT, TYPE III MEDIUM DISTRIBUTION, 240V, 4000K COLOR TEMPERATURE, GRAY

LIGHTING CONTROLLER ROADWAY LIGHTING PANEL LOAD TABLE		
CIRCUIT	AMPS	WATTS
A	2.85	675
B	3.99	810
TOTAL	6.84	1485

LOAD TABULATION IS BASED ON THE FOLLOWING
135W LUMEC RFL SERIES LUMINAIRE: 0.57A AT 240V

MODEL: Default
FILE NAME: N:\2022\220160\Drawings\Main\CADD_Sheets\Project_IBID\220160-sml-light-02.dwg



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PLOT SCALE = 100'	DRAWN - DRP	REVISED -
PLOT DATE = 9/17/2024	CHECKED - MJR	REVISED -
	DATE - 9/17/2024	REVISED -

THEODORE STREET WIDEN AND RESURFACE

STREET LIGHTING WIRING DIAGRAM

JOLIET

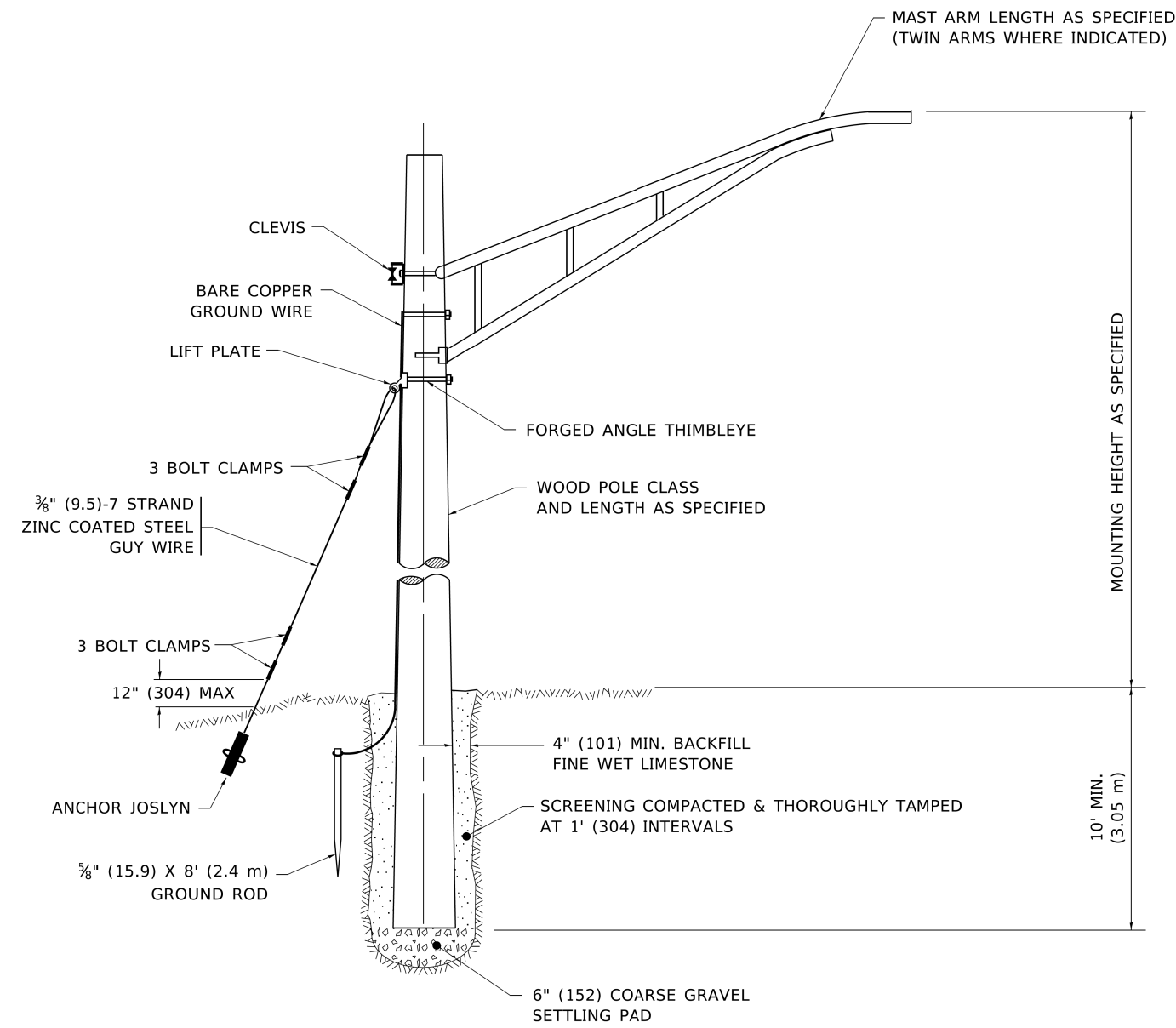
ILLINOIS

SCALE: 1"=50'

SHEET 1 OF 1 SHEETS

STA. 504+00.00 TO STA. 534+00.00

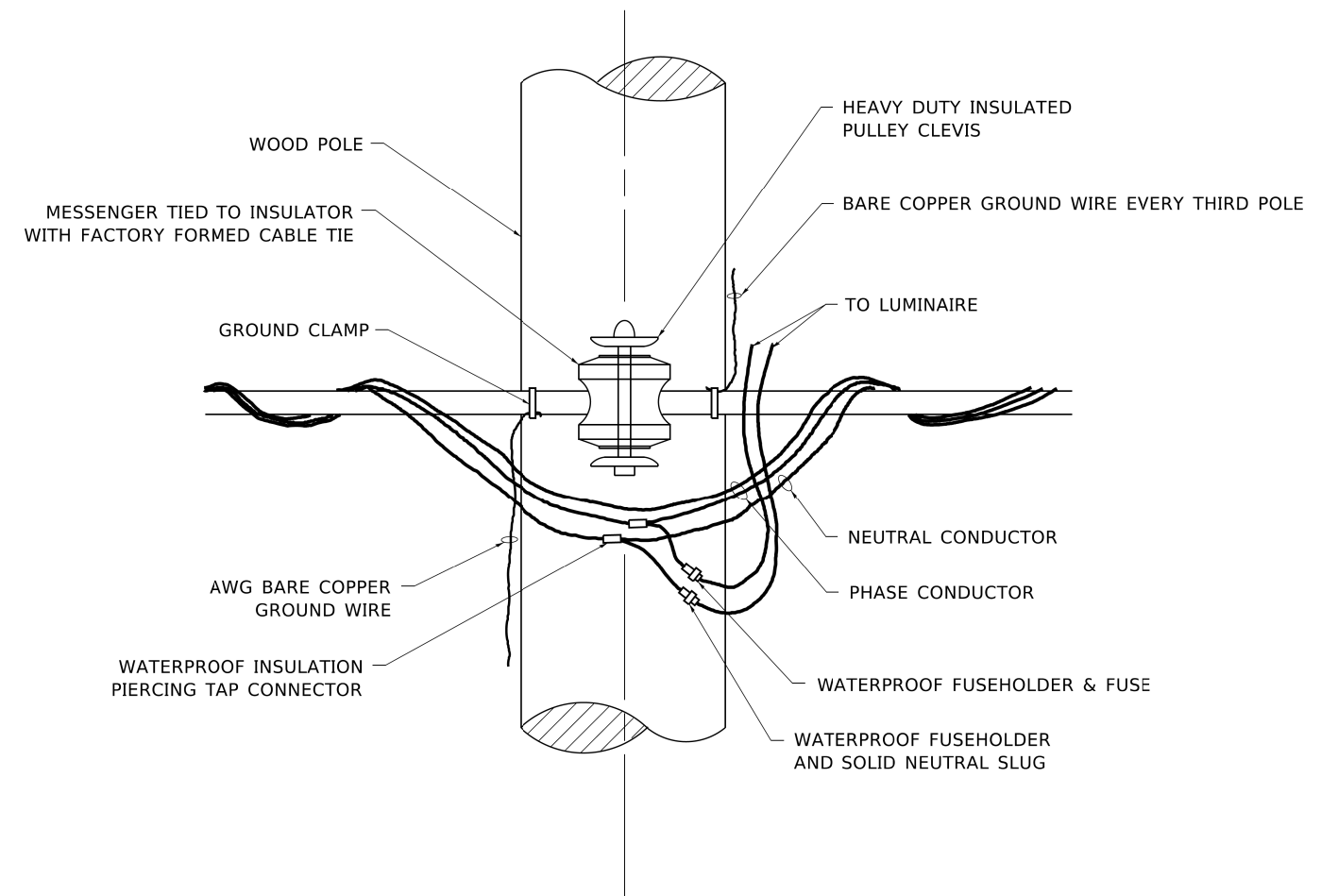
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
400	18-00515-01-WR	WILL	115	76
CONTRACT NO. 61K81				
ILLINOIS FED. AID PROJECT				



TEMPORARY LIGHT POLE DETAIL

NOTE:

1. ALL DIMENSIONS IN INCHES (MILLIMETERS) UNLESS OTHERWISE INDICATED.
2. MAST ARM SHALL BE RATED FOR THE SPECIFIED MOUNTING HEIGHT.



TEMPORARY LIGHT POLE ATTACHMENT DETAIL

MODEL: Default
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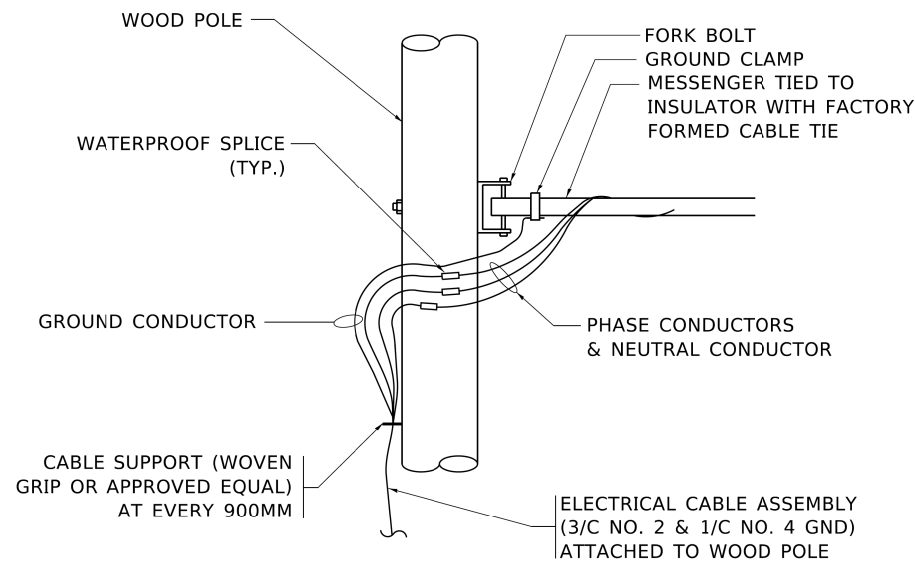
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	DRAWN -	REVISED - R.T. 07-26-16
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PLOT DATE = 4/19/2019	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

TEMPORARY LIGHT POLE DETAILS

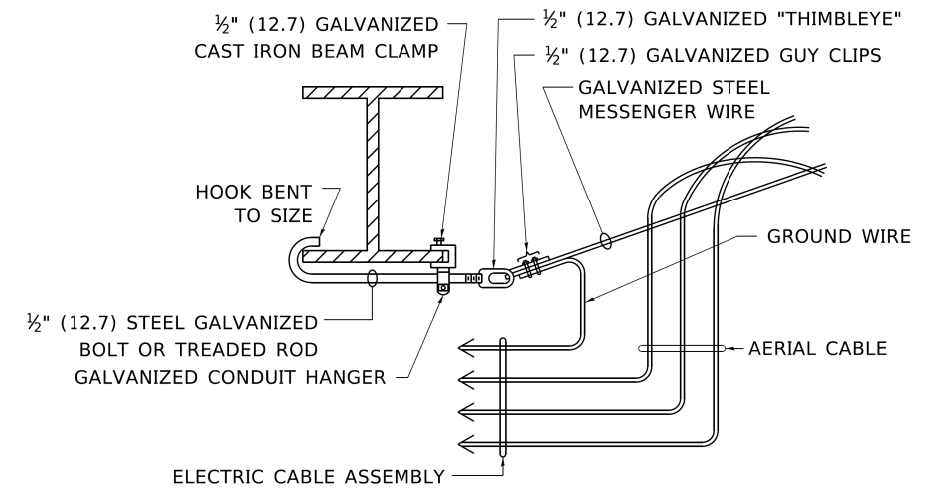
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F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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			CONTRACT NO. 61K81	
ILLINOIS FED. AID PROJECT				



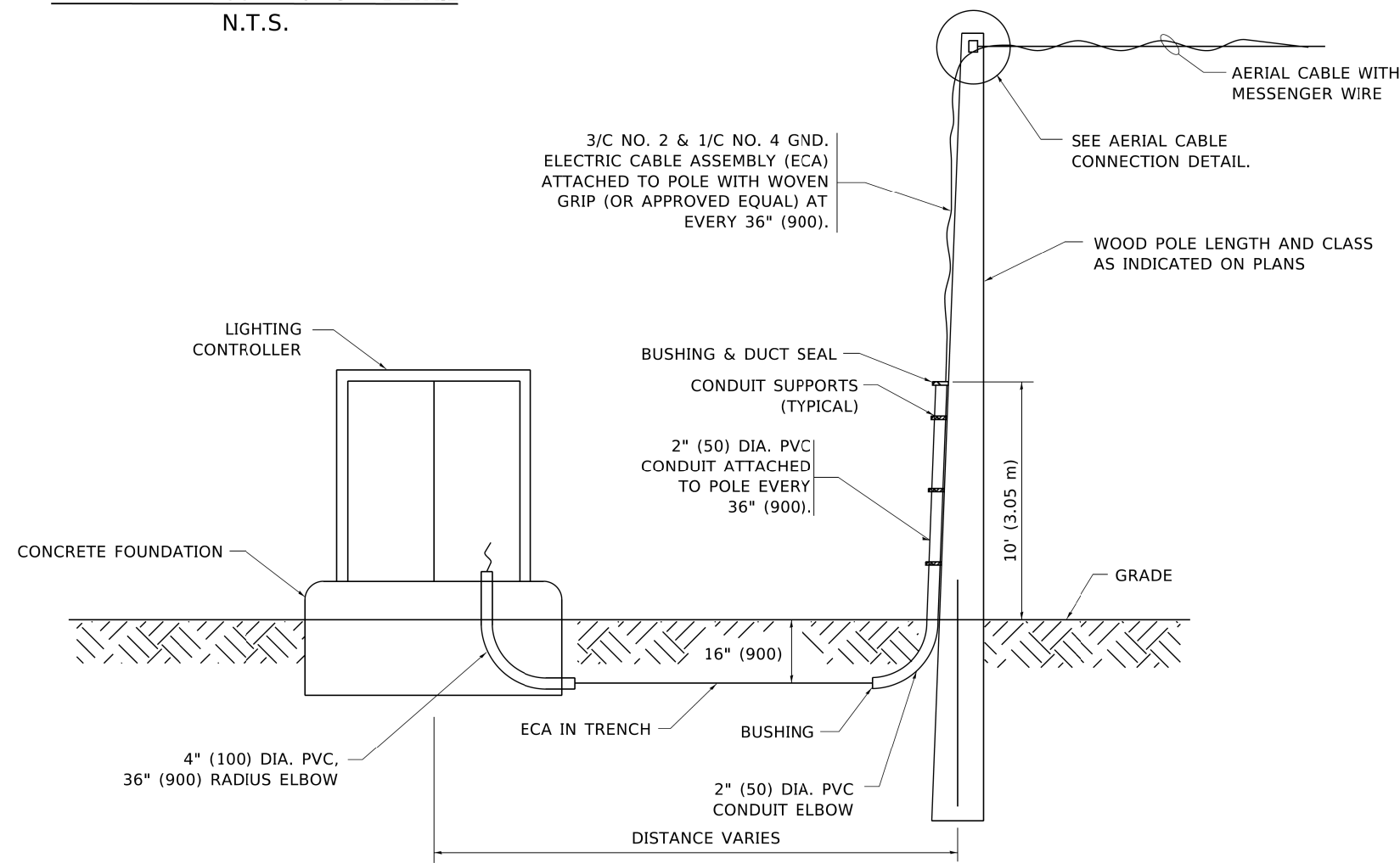
AERIAL CABLE CONNECTION DETAIL

N.T.S.



**AERIAL CABLE
ATTACHED TO STRUCTURE**

NOT TO SCALE



**WOOD POLE TO LIGHTING CONTROLLER
WIRING CONNECTION DETAIL**

N.T.S.

NOTES:

1. ALL DIMENSIONS IN INCHES (MILLIMETERS) UNLESS OTHERWISE INDICATED.
2. SEE PROPOSED LIGHTING PLAN FOR CONDUIT, CABLE AND ROUTING.
3. THE CONTRACTOR SHALL PROVIDE INTERMEDIATE SUPPORTS TO MAINTAIN MINIMUM CLEARANCES. REFER TO AERIAL AERIAL CABLE ATTACHED TO STRUCTURE DETAIL.
4. COST OF SPLICES AND MOUNTING HARDWARE SHALL BE INCLUDED IN THE UNIT PRICE FOR AERIAL CABLE.

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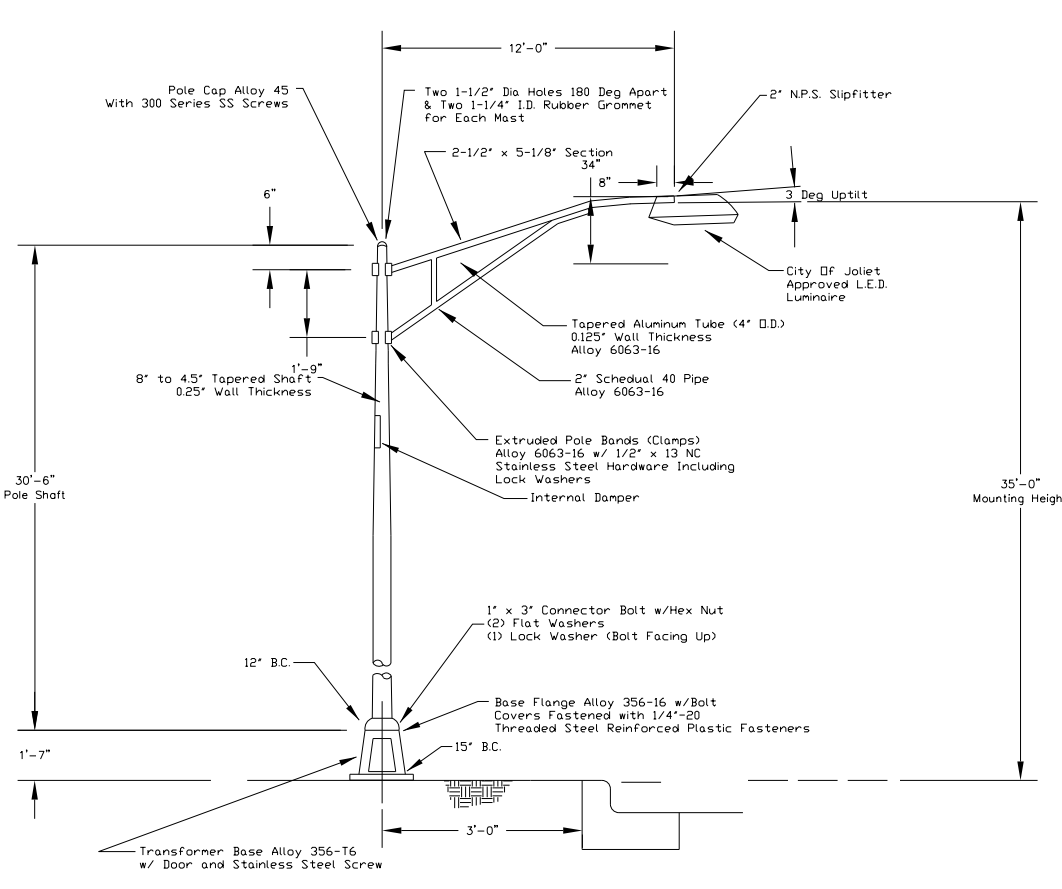
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PLOT SCALE = 50.0000' / ft.	DRAWN -	REVISED -
PLOT DATE = 4/19/2019	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

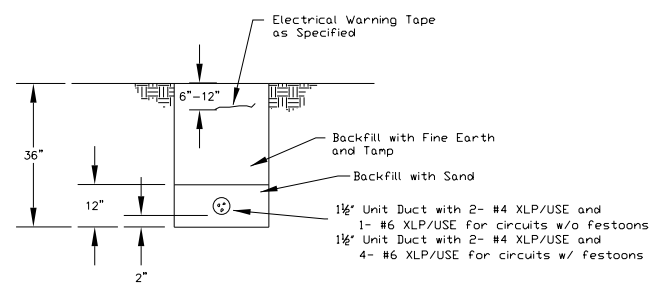
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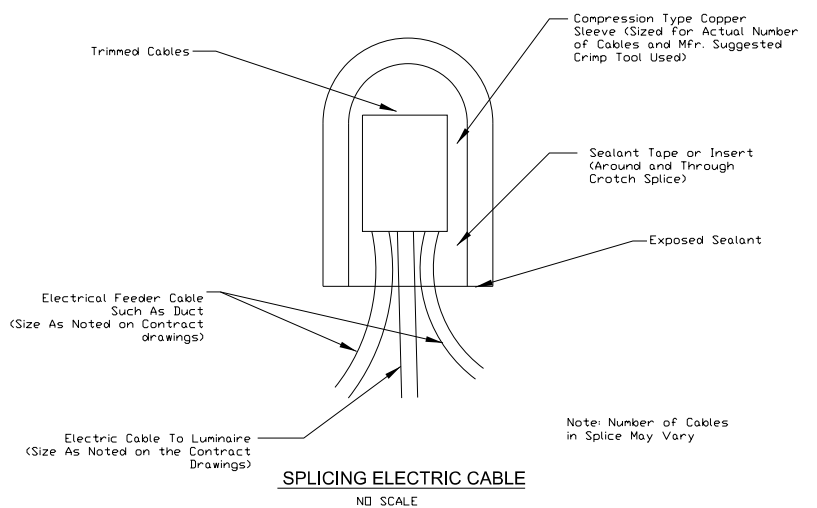
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BE-801			CONTRACT NO. 61K81	
ILLINOIS FED. AID PROJECT				



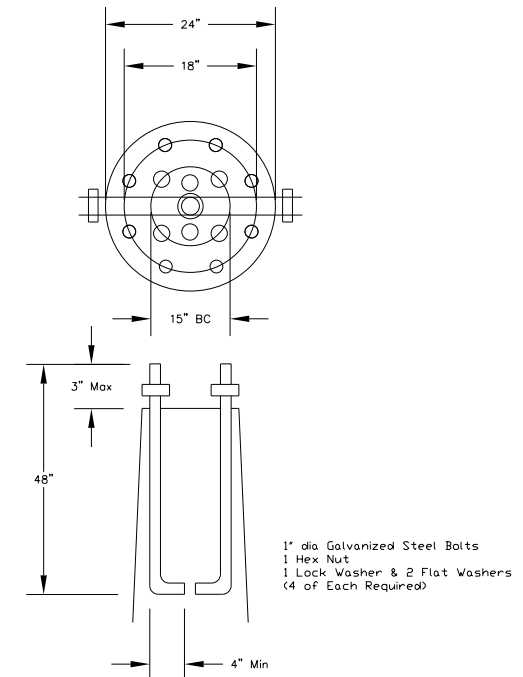
STREET LIGHT DETAIL
NO SCALE



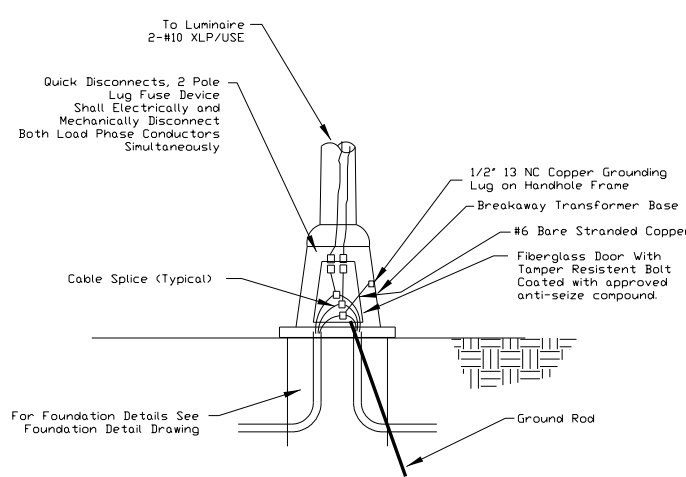
DETAIL CONDUIT & CONDUCTORS



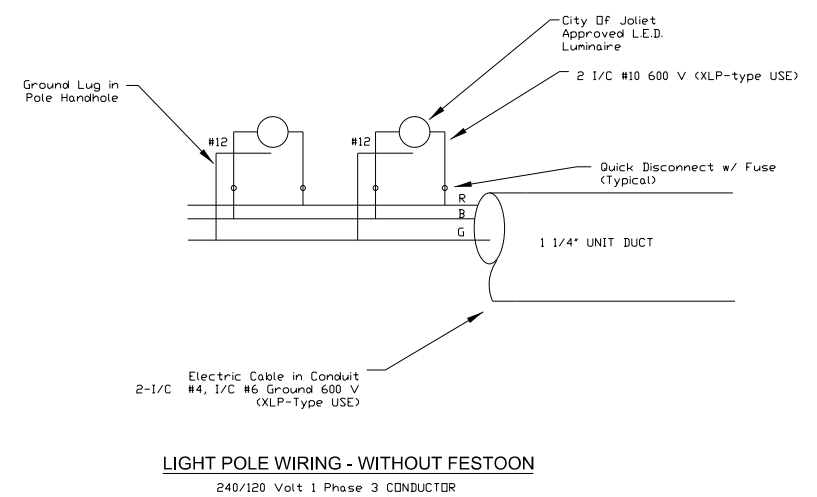
SPLICING ELECTRIC CABLE
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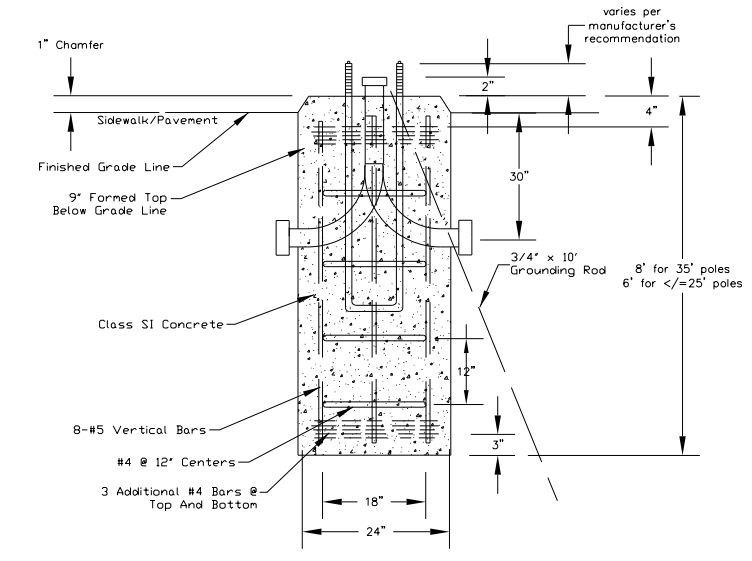
ANCHORS BOLTS
NO SCALE



POLE BASE DETAIL - WITHOUT FESTOON
NO SCALE



LIGHT POLE WIRING - WITHOUT FESTOON
240/120 Volt 1 Phase 3 CONDUCTOR



STREET LIGHT POLE FOUNDATION TYPE A (TYPICAL)

GENERAL NOTES

THE CONTRACTOR SHALL SUBMIT DETAILED SHOP DRAWINGS OR CATALOG CUTS FOR ALL EQUIPMENT & MATERIALS TO THE CITY OF JOLIET FOR APPROVAL PRIOR TO FABRICATION OR INSTALLATION. FAILURE TO SUBMIT AND APPROVE MATERIAL MAY RESULT IN UNACCEPTED WORK AND/OR REINSTALLATION.

THE STREETLIGHT SYSTEM SHALL BE INSTALLED IN ACCORDANCE TO THE MOST CURRENT EDITION OF THE "DISTRICT ONE RECURRING SPECIAL PROVISIONS FOR ROADWAY LIGHTING", THE "NATIONAL ELECTRICAL CODE", "AASHTO", AND THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION.

ALL CONDUCTORS SHALL BE COPPER WITH AN XLP/USE INSULATION RATING.

TWO RACEWAYS OR CONDUITS SHALL BE PROVIDED FOR EACH STREETLIGHT FOUNDATION. A JUNCTION OF THREE RACEWAYS OR CONDUITS SHALL UTILIZE A HANDHOLE.

PRIOR TO BEGINNING CONSTRUCTION, THE CONTRACTOR SHALL CONTACT THE CITY OF JOLIET TRAFFIC ENGINEER AT (815)724-4200 TO ARRANGE AN ONSITE PROJECT MEETING. CONFIRMATION OF ALL APPROVED MATERIALS AND ADDRESSING ANY FINAL QUESTIONS SHALL TAKE PLACE AT THIS TIME.

FOUNDATION INSPECTIONS WILL BE REQUIRED PRIOR TO POURING CONCRETE.

WATERPROOF INLINE FUSES (5AMP) ARE TO BE INSTALLED AT THE STREETLIGHT TRANSFORMER BASE.

LOCATION OF LIGHTING CONDUIT, DUCT HANDHOLES AND APPURTENANCES ARE SHOWN DIAGRAMMATICALLY. THE ACTUAL LOCATION IN THE FIELD MUST MEET THE APPROVAL OF THE ENGINEER.

IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO MARK THE PROPOSED LOCATIONS OF ALL LIGHT POLES FOR EXAMINATION AND CONFIRMATION WITH THE ENGINEER. THE CONTRACTOR SHALL VERIFY ALL UTILITY LOCATIONS PRIOR TO AUGURING FOR LIGHT POLE FOUNDATIONS. THE EXACT LOCATIONS OF ALL ITEMS SHALL BE CONFIRMED WITH THE ENGINEER PRIOR TO STARTING WORK.

ALL ELECTRICAL SYSTEMS, EQUIPMENT AND APPURTENANCES SHALL BE PROPERLY GROUNDED IN STRICT CONFORMANCE WITH THE NATIONAL ELECTRICAL CODE.

GROUNDED OF POLE AND CONTROLLER INCLUDING GROUND ROD, CONDUCTOR AND LUGS INCLUDING EXOTHERMIC WELD TO GROUND ROD SHALL BE INCLUDED IN THE COST OF THE PAY ITEM FOR WHICH IT IS INSTALLED.

ALL ELECTRICAL INSTALLATION AND MATERIALS MUST MEET THE LATEST REQUIREMENTS OF STANDARDS BY THE FOLLOWING ORGANIZATIONS:

- ILLINOIS DEPARTMENT OF TRANSPORTATION (IDOT)
- NATIONAL ELECTRICAL AND ELECTRONICS ENGINEERS (IEEE)
- ILLUMINATING ENGINEERING SOCIETY OF NORTH AMERICA (IES)
- AMERICAN ASSOCIATION OF TRANSPORTATION OFFICIALS (AATD)
- U.S. DEPARTMENT OF TRANSPORTATION (USDOT)
- UNDERWRITERS LABORATORIES (UL)
- AMERICAN STANDARD INSTITUTE (ANSI)
- INSULATED POWER AND CABLE ENGINEERS ASSOCIATION (IPCEA)
- NATIONAL ELECTRICAL SAFETY CODE (NESC)
- NATIONAL ELECTRICAL CODE
- AMERICAN ASSOCIATION OF STATE HIGHWAY AND TRANSPORTATION OFFICIALS (AASHTO)
- AMERICAN NATIONAL STANDARD PRACTICE FOR ROADWAY LIGHTING (ANSI/IESNA RP-8)

ALL SPLICING MUST BE IN POLE BASES OR JUNCTION BOXES ABOVE GRADE WITH WATERPROOF SEALANT AND HEAT SHRINKABLE PLASTIC CAPS.

PARALLEL ELECTRICAL CONDUIT RUNS SHALL BE PLACED IN A COMMON TRENCH IF POSSIBLE.

EXISTING ELECTRICAL SERVICE IS 120/240V, SINGLE-PHASE.

INSTALL CABLE IN CONTINUOUS UN CUT LENGTHS BETWEEN HANDHOLES AND LIGHT POLES.

MODEL: Default
FILE NAME: N32025220160 Drawings\Main\CADD_Sheets\Project_IBID\220160-main-lightpole-01.dgn

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USER NAME = lyanisch	DESIGNED - CJF	REVISED -
PLOT SCALE = 2"	DRAWN - DRP	REVISED -
PLOT DATE = 9/17/2024	CHECKED - MJR	REVISED -
	DATE - 9/17/2024	REVISED -

THEODORE STREET WIDEN AND RESURFACE

ELECTRICAL DETAILS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
400	18-00515-01-WR	WILL	115	79
CONTRACT NO. 61K81				
ILLINOIS FED. AID PROJECT				

JOLIET ILLINOIS SCALE: NTS SHEET 1 OF 2 SHEETS STA. TO STA.

FOUNDATION DESIGN TABLE

TYPE OF SOIL	DESIGN DEPTH OF FOUNDATION		REINFORCEMENT IN FOUNDATION			
	SINGLE ARM D	TWIN ARM D	SINGLE ARM		TWIN ARM	
			VERT BARS	SPIRAL	VERT BARS	SPIRAL
SOFT CLAY	13'-0" (3.962 m)	15'-0" (4.572 m)	8-#6X12'-6" (3.810 m)	#3X122' (37.186 m)	8-#6X14'-3" (4.343 m)	#3X141' (42.977 m)
MEDIUM CLAY	9'-6" (2.896 m)	10'-9" (3.277 m)	8-#6X9'-0" (2.743 m)	#3X90' (27.432 m)	8-#6X10'-0" (3.048 m)	#3X100' (30.480 m)
STIFF CLAY	7'-0" (2.134 m)	8'-0" (2.438 m)	8-#6X6'-6" (1.981 m)	#3X66' (20.112 m)	8-#6X7'-6" (2.286 m)	#3X76' (23.165 m)
LOOSE SAND	9'-0" (2.743 m)	10'-0" (3.048 m)	8-#6X8'-6" (2.591 m)	#3X85' (25.908 m)	8-#6X9'-6" (2.896 m)	#3X94' (28.651 m)
MEDIUM SAND	8'-3" (2.515 m)	9'-0" (2.743 m)	8-#6X8'-0" (2.438 m)	#3X78' (23.774 m)	8-#6X8'-6" (2.591 m)	#3X85' (25.908 m)
DENSE SAND	7'-9" (2.362 m)	9'-0" (2.743 m)	8-#6X7'-6" (2.286 m)	#3X73' (22.250 m)	8-#6X8'-6" (2.591 m)	#3X85' (25.908 m)
ROCK OR SOLIDIFIED SLAG	5'-0" (1.524 m)	5'-0" (1.524 m)	NONE	NONE	NONE	NONE

BILL OF MATERIAL

MARK	NO.	SIZE	LENGTH	SHAPE
a	10	6	SEE BELOW	—
s	12	4	8'-0" (2.438 m)	□
s1	3	3	7'-6" (2.286 m)	□
v1	8	6	2'-9" (0.838 m)	—
v2				

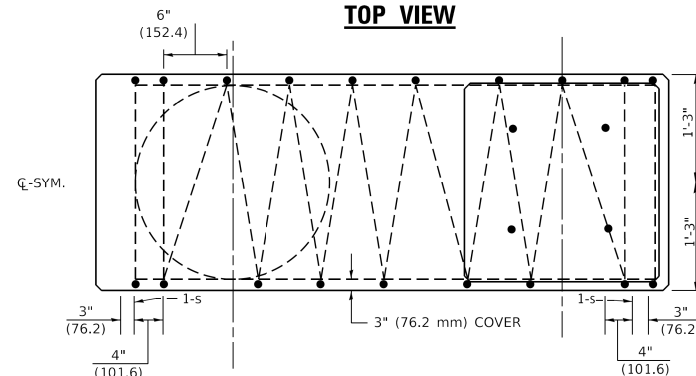
OFFSET SCHEDULE

SEWER DIAM. d IN.	PILE OFFSET from C-MED'N FT.	LENGTH of BAR a FT.
UP TO 24" (609.6 mm)	3'-3" (0.991 m)	#6 x 5'-3" (1.600 m)
27" (685.8 m) TO 36" (914.4 mm)	3'-9" (1.143 m)	5'-9" (1.753 m)
42" (1066.8 mm) TO 48" (1219.2 mm)	4'-6" (1.372 m)	6'-6" (1.981 m)
54" (1371.6 mm) TO 60" (1524.0 mm)	5'-0" (1.524 m)	7'-0" (2.134 m)
66" (1676.4 mm) TO 72" (1828.8 mm)	5'-6" (1.676 m)	7'-6" (2.286 m)

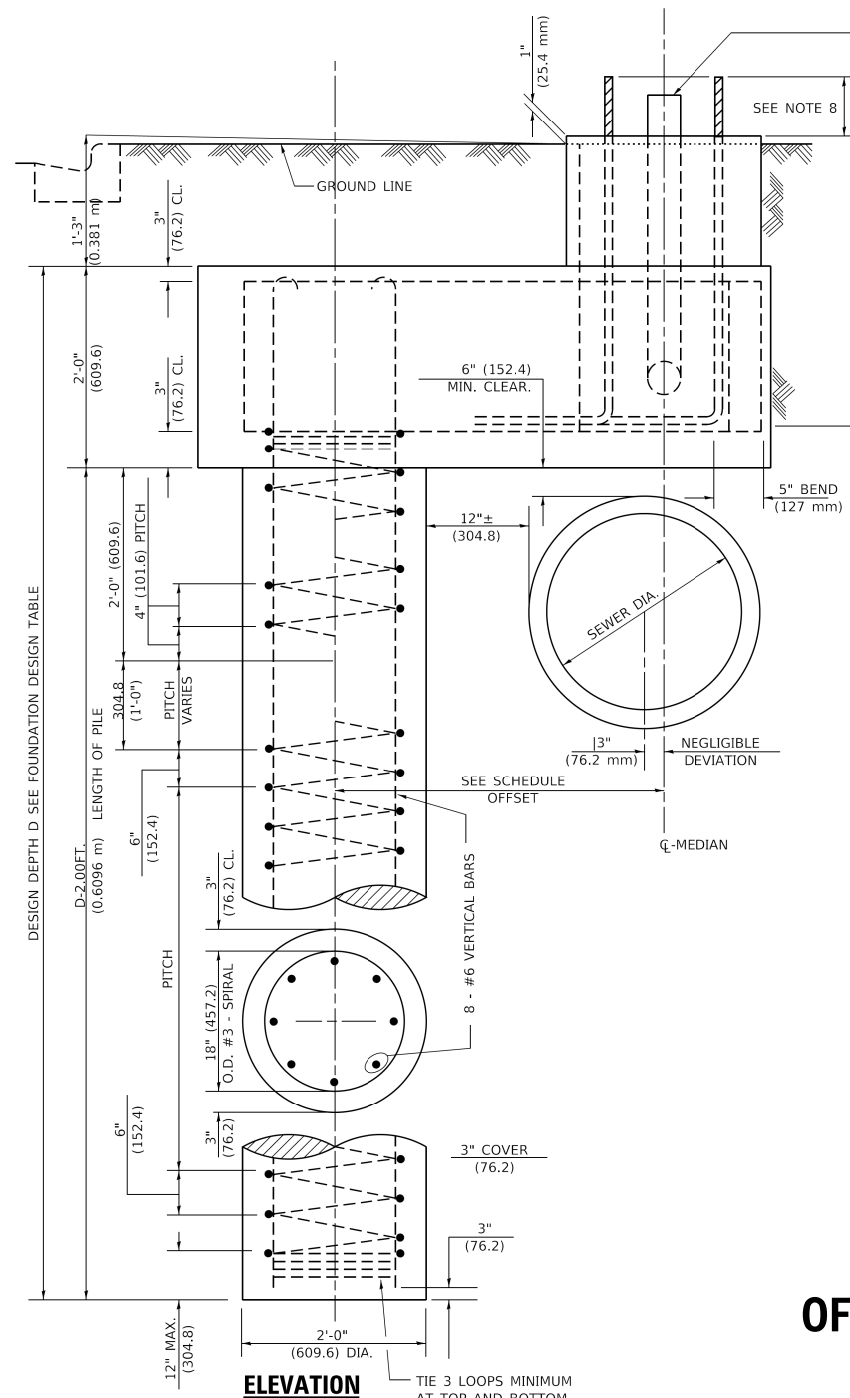
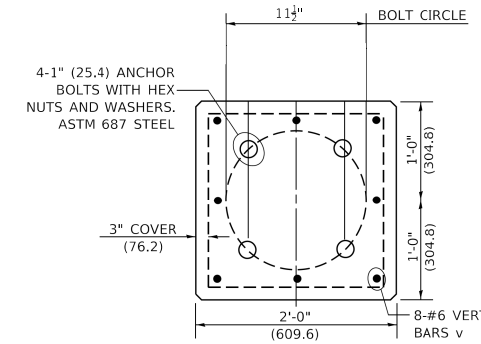
NOTES

- ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.
- THE ENGINEER SHALL DETERMINE THE CLASS OF SOIL DURING EXCAVATION AND SELECT THE DESIGN DEPTH OF FOUNDATION FROM THE DESIGN TABLE.
- EXCAVATION OF THE POLE FOUNDATION SHALL BE MADE WITH AN AUGER, 24" (609.6 mm) OR 30" (762.0 mm) IN DIAMETER.
- THE ANCHOR ROD SHALL BE A HOOK ROD TYPE. COLD BENDING OF THE ANCHOR ROD WILL NOT BE ALLOWED. THE RADIUS OF THE HOOK BEND SHALL NOT BE LESS THAN 4 TIMES THE NOMINAL DIAMETER OF THE ANCHOR ROD. A TACK WELDED ANCHOR ROD MAY BE SUBSTITUTED WITH THE APPROVAL OF THE ENGINEER.
- THE ANCHOR BOLTS AND RACEWAYS SHALL BE PROPERLY SECURED IN PLACE BEFORE THE CONCRETE IS PLACED IN THE FORM.
- THE ANCHOR RODS SHALL BE ACCORDING TO ASTM F1554 GRADE 725 (GRADE 105). NUTS SHALL BE HEXAGON NUTS ACCORDING TO ASTM A 194 2H OR ASTM A 563 DH, AND WASHERS SHALL BE ACCORDING TO ASTM F 436.
- THE CONTRACTOR SHALL COORDINATE EXTENSION OF ANCHOR BOLTS ABOVE TOP OF FOUNDATION WITH THE BREAKAWAY DEVICE MANUFACTURER'S REQUIREMENTS. IF LIGHT POLE IS MOUNTED WITHOUT BREAKAWAY DEVICE, ANCHOR BOLTS SHALL PROJECT 23#4" (69.9 mm) ABOVE TOP OF THE FOUNDATION. THE CONTRACTOR SHALL CONFIRM ANCHOR BOLT EXTENTION WITH ENGINEER.
- RACEWAYS SHALL PROJECT 1" (25.4 mm) ABOVE THE TOP OF THE FOUNDATION.
- THE CABLE TRENCH SHALL BE BACKFILLED AND FIRMLY COMPACTED BEFORE THE LIGHT IS ERECTED.

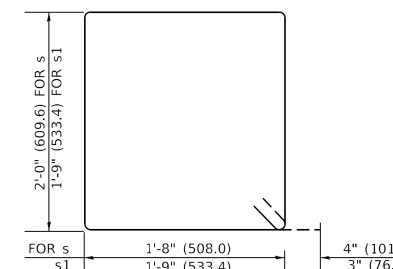
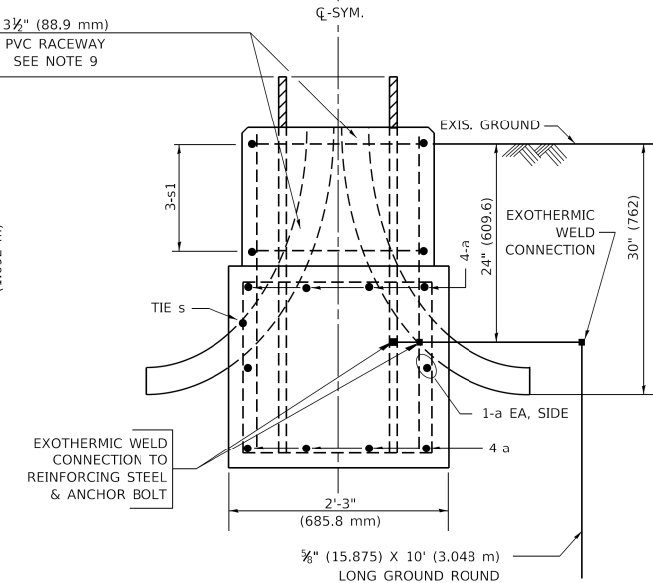
PLAN-CAP BEAM TOP VIEW



TOP VIEW



END VIEW

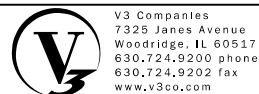


BARS s, s1

OFFSET LIGHT POLE FOUNDATION

OFFSET POLE FOUNDATIONS, IF NECESSARY, WILL BE PAID FOR AS "LIGHT POLE FOUNDATION, 24" DIAMETER".

MODEL: Default
FILE NAME: R30202220160 Drawings\Main\CADD_Sheets\Project_181D122D160-s1-lightpole-01.dgn



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PLOT SCALE = 2"	DRAWN - DRP	REVISED -
PLOT DATE = 9/17/2024	CHECKED - MJR	REVISED -
	DATE - 9/17/2024	REVISED -

THEODORE STREET WIDEN AND RESURFACE	ILLINOIS
JOLIET	SCALE:

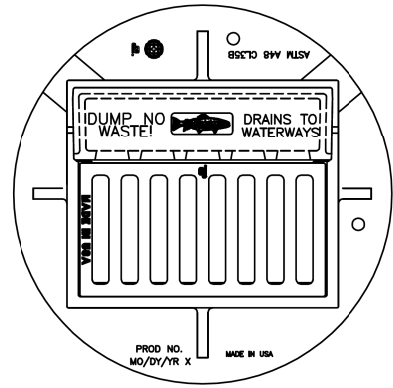
THEODORE STREET WIDEN AND RESURFACE

ELECTRICAL DETAILS

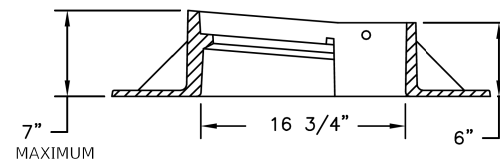
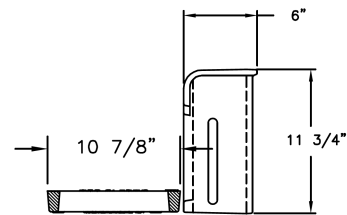
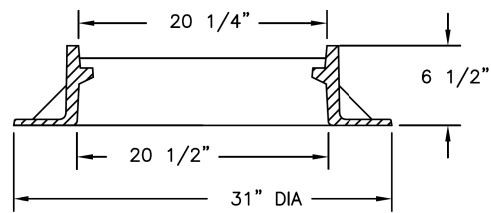
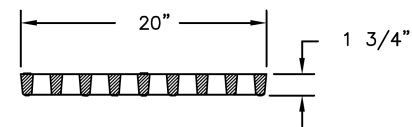
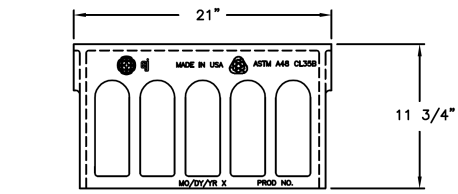
SHEET 2 OF 2 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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CONTRACT NO. 61K81				
ILLINOIS FED. AID PROJECT				

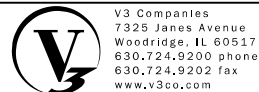
FRAME AND GRATE, TYPE 11 (SPECIAL)



NOTE: COMPONENTS ARE SHIPPED LOOSE. UNASSEMBLED.



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CHECKED - MJR	REVISED -
DATE - 9/17/2024	REVISED -

THEODORE STREET WIDEN AND RESURFACE

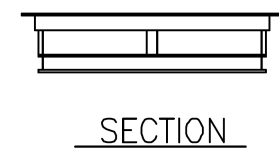
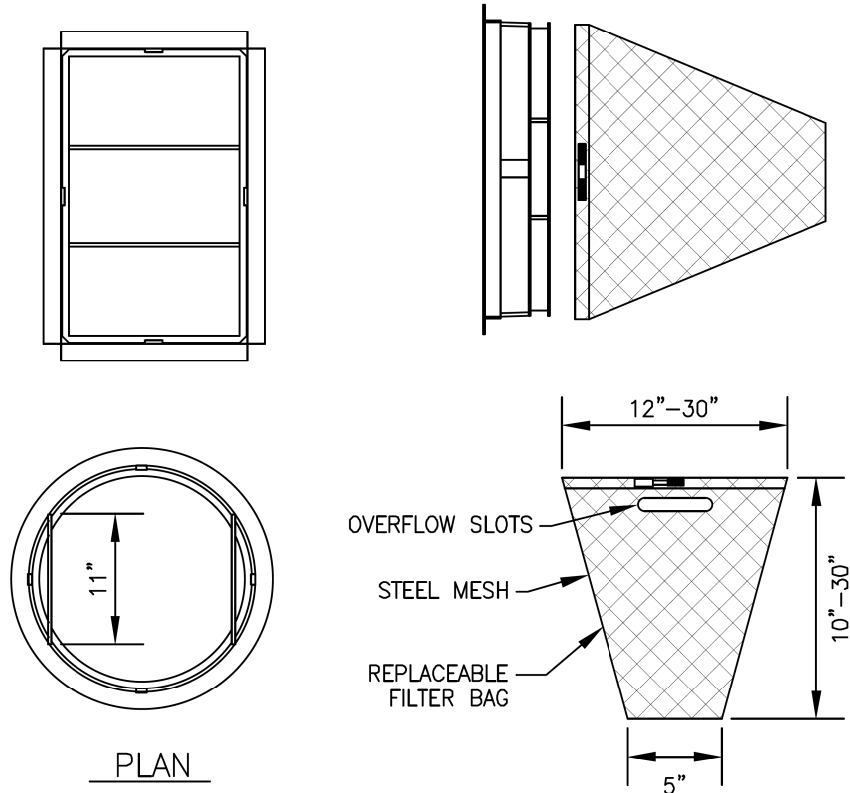
JOLIET

ILLINOIS

CONSTRUCTION DETAIL

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
400	18-00515-01-WR	WILL	115	81
CONTRACT NO. 61K81				
ILLINOIS FED. AID PROJECT				

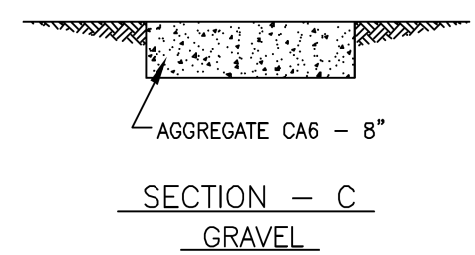
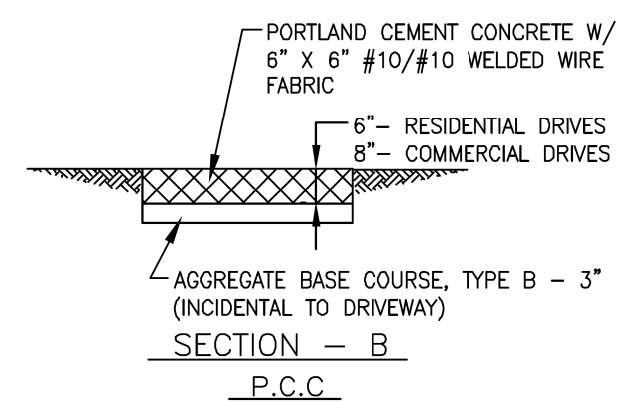
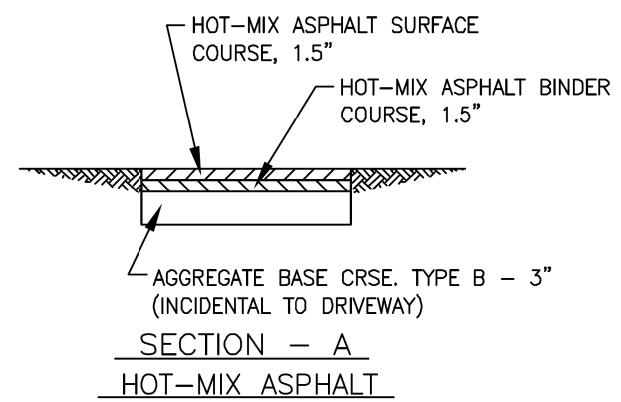
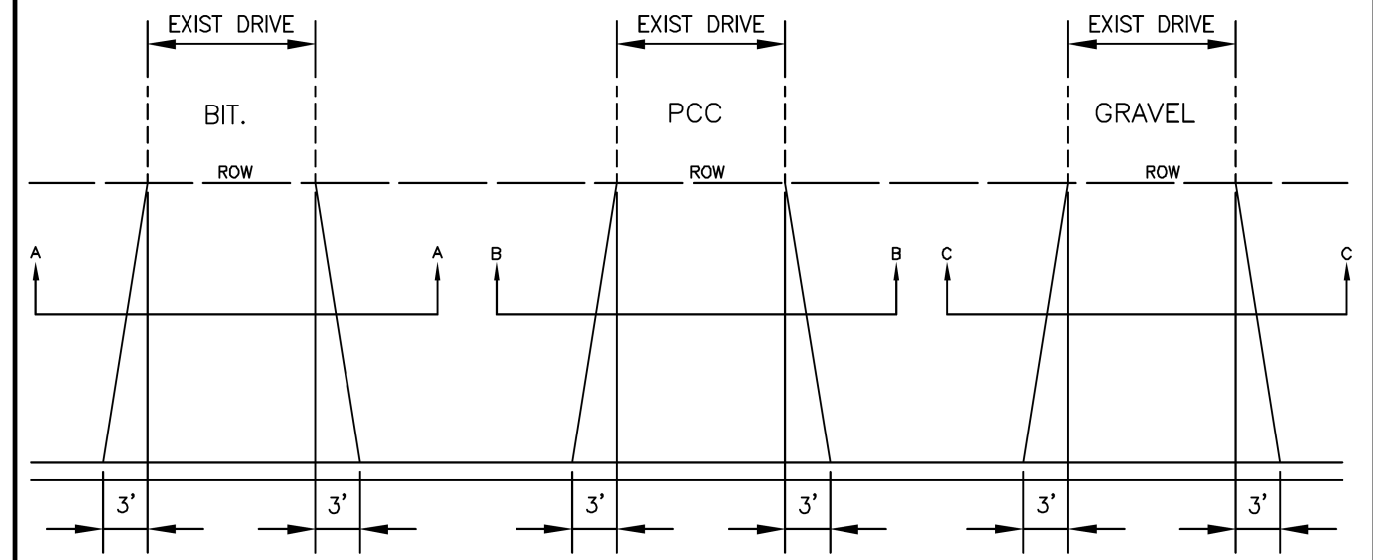


GENERAL NOTES:
 FRAME: TOP RING CONSTRUCTED FROM 1 1/4" x 1 1/4" x 1/8" ANGLE.
 BASE RING CONSTRUCTED OF 1 1/2" x 1/2" x 1/8" CHANNEL.
 HANDLES & SUSPENSION BRACKETS CONSTRUCTED FROM 1/4" x 1 1/4" FLAT. ALL STEEL CONFORMING TO ASTM-A36.

REPLACEABLE BAG: CONSTRUCTED FROM 4 OZ./SQ. YD. NON-WOVEN POLYPROPYLENE GEOTEXTILE REINFORCED WITH POLYESTER MESH. CONNECTED TO BASE RING WITH STAINLESS STEEL STRAP & LOCK.

STEEL MESH: REMOVABLE STAINLESS STEEL MESH STRAINER BASKET. 1/4" DIA. HOLE SIZE, 58% OPEN AREA.

NOT TO SCALE
 CITY OF JOLIET, ILLINOIS
 INLET PROTECTION
 FILTER DETAIL
 GEN-02
 DATE: OCT. 2017



NOTES:
 1. APRON: 8:1 SLOPE FROM FRONT OF SIDEWALK TO BACK OF CURB.
 2. SIDEWALK: 1/4" / FT SLOPE

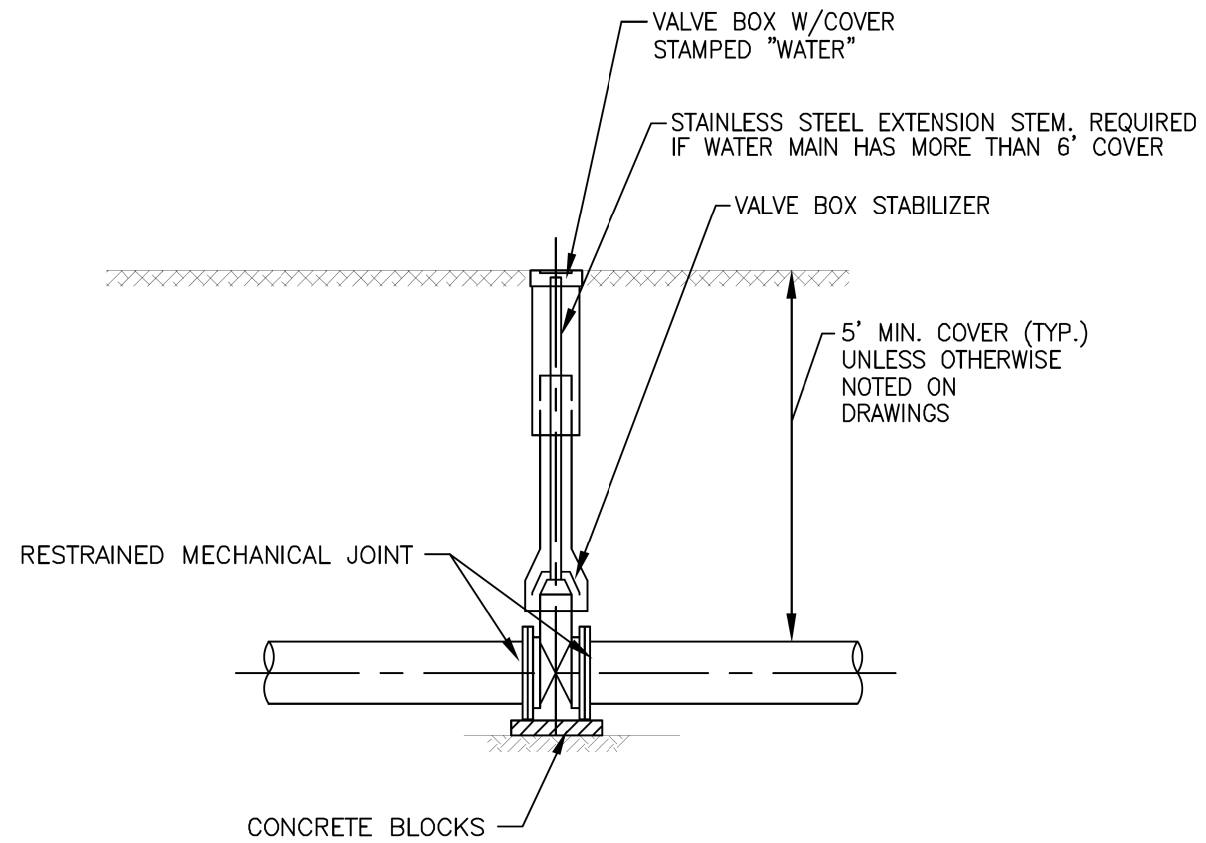
NOT TO SCALE
 CITY OF JOLIET, ILLINOIS
 DRIVEWAY PAVEMENT
 DETAIL
 PVT-01
 DATE: OCT. 2017

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PLOT DATE = 9/17/2024	CHECKED - MJR	REVISED -
	DATE - 9/17/2024	REVISED -

THEODORE STREET WIDEN AND RESURFACE		CITY OF JOLIET STANDARDS		F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
JOLIET	ILLINOIS	SCALE:	SHEET 1 OF 2 SHEETS	STA.	TO STA.	ILLINOIS	FED. AID PROJECT	
				400	18-00515-01-WR	WILL	115	82
				CONTRACT NO. 61K81				



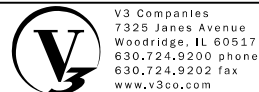
NOT TO SCALE

CITY OF JOLIET, ILLINOIS

WATER VALVE BOX
DETAIL
WTR-02

DATE: OCT. 2017

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PLOT SCALE = 2"	DRAWN - DRP	REVISED -
PLOT DATE = 9/17/2024	CHECKED - MJR	REVISED -
	DATE - 9/17/2024	REVISED -

JOLIET

THEODORE STREET WIDEN AND RESURFACE

ILLINOIS

SCALE:

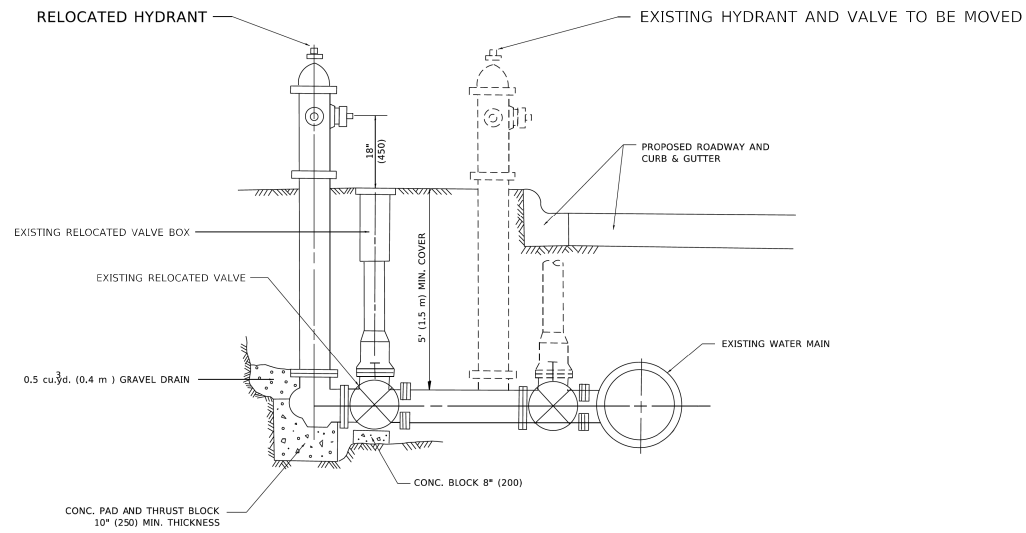
SHEET 2 OF 2 SHEETS

STA.

TO STA.

CITY OF JOLIET STANDARDS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
400	18-00515-01-WR	WILL	115	83
CONTRACT NO. 61K81				
ILLINOIS		FED. AID PROJECT		



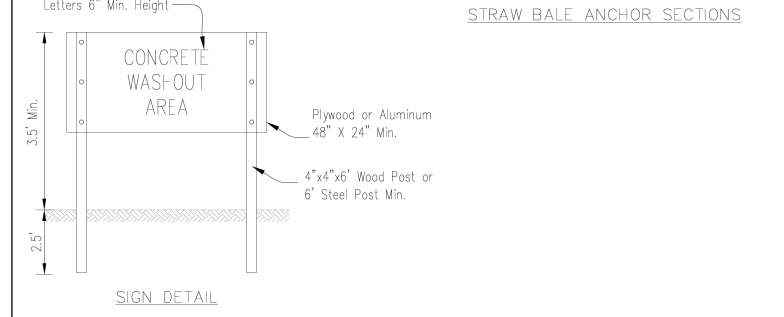
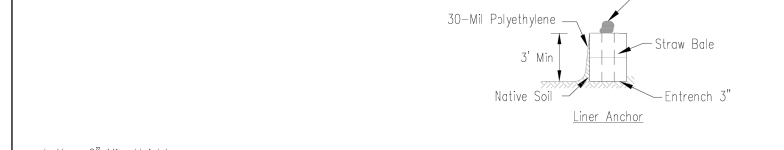
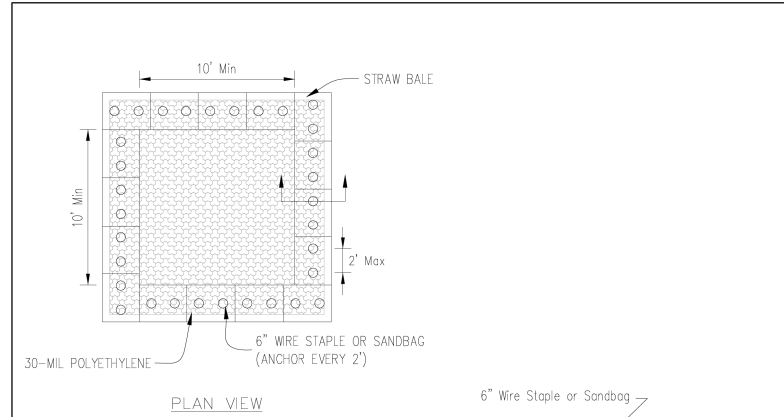
- SEQUENCE OF CONSTRUCTION:**
1. CLOSE EXISTING VALVE.
 2. COORDINATE WITH OWNER OF THE WATER MAIN TO SHUT MAIN DOWN DURING RELOCATION.
 3. REMOVE EXISTING HYDRANT AND VALVE.
 4. MODIFY THE LENGTH OF PIPE FROM THE MAIN TO THE VALVE TO THE CORRECT LENGTH TO MOVE THE HYDRANT. IF A LONGER PIPE IS NECESSARY, COMPLETELY REMOVE THE PIPE AND REPLACE. IF THE PIPE LENGTH NEEDS TO BE REDUCED, CUT PIPE TO LENGTH THEN RECONNECT VALVE.
 5. RELOCATE EXISTING HYDRANT AND VALVE.
 6. BACKFILL.
 7. FLUSH AND TEST FOR CHLORIDE RESIDUAL AND PROVIDE TEST.

NOTE:
ALL WORK TO BE DONE IN ACCORDANCE WITH SECTION 564 OF THE STANDARD SPECIFICATIONS.

FIRE HYDRANT TO BE MOVED

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.

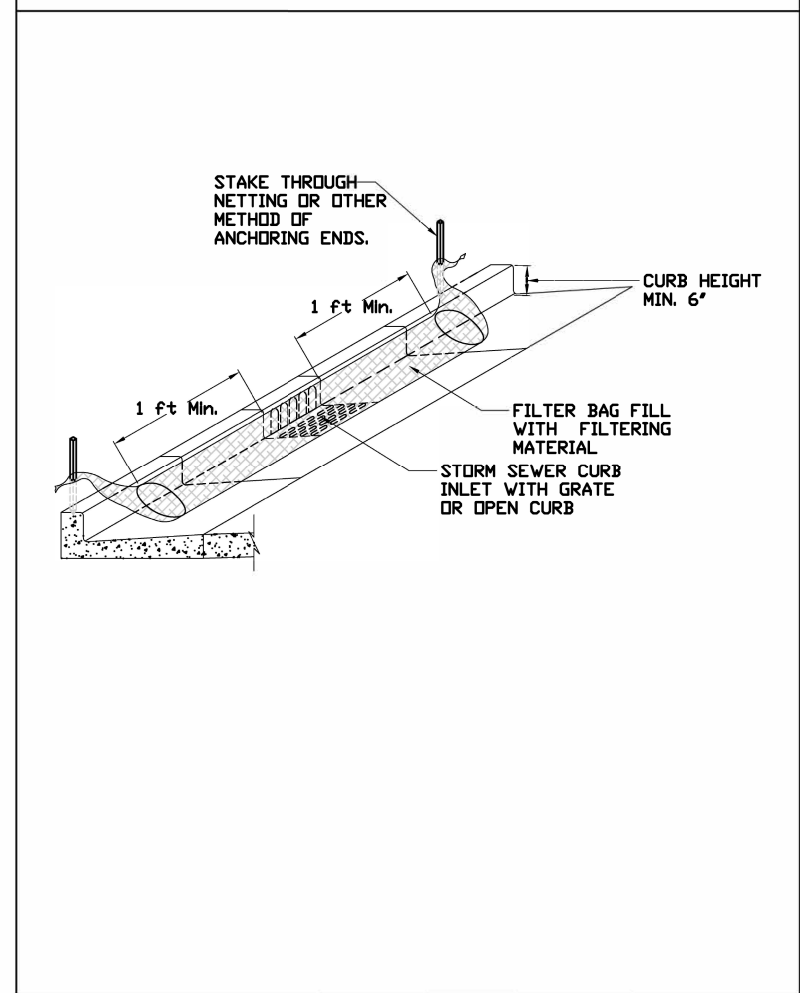
AUTOCAD2006



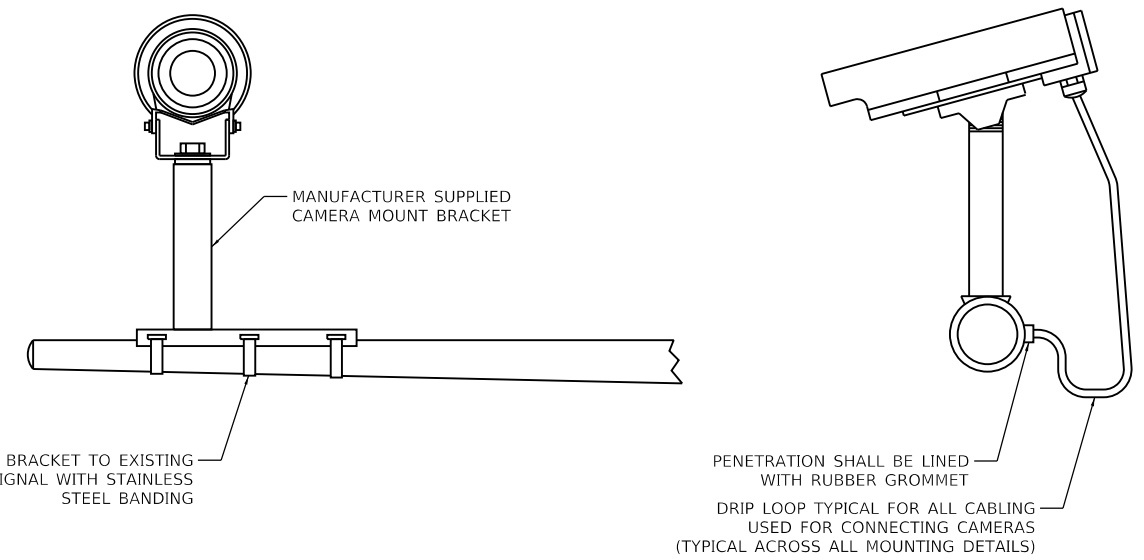
- NOTES:**
1. Maintaining temporary concrete washout facilities shall include removing and disposing of hardened concrete and/or slurry and returning the facilities to a functional condition.
 2. Facility shall be cleaned or reconstructed in a new area once washout becomes two-thirds full.
 3. Each straw bale is to be staked in place using (2) 2"x2"x4' wooden stakes.

TEMPORARY CONCRETE WASHOUT FACILITY - STRAW BALE		Date _____ Designed _____ Drawn E. JOHNSON _____ Checked _____ Approved _____
--	--	---

INLET PROTECTION - IMPERVIOUS AREAS CURB PROTECTION



REFERENCE Project _____ Designed _____ Date _____ Checked _____ Date _____ Approved _____ Date _____		STANDARD DWG. NO. TUM-561C SHEET 1 OF 1 DATE 01-11-11
--	--	---



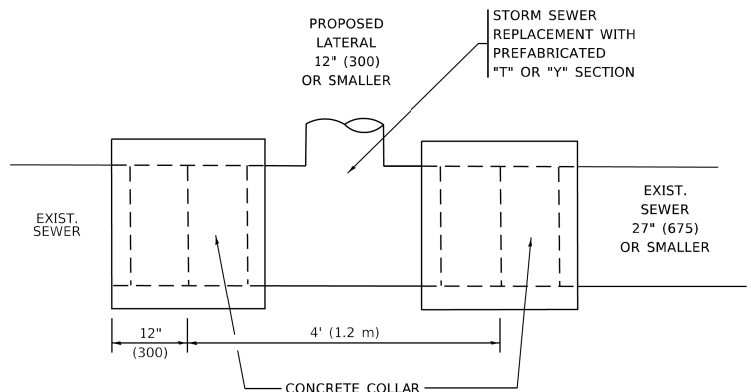
VIDEO DETECTION CAMERA LIGHT POLE MAST ARM MOUNTING DETAILS

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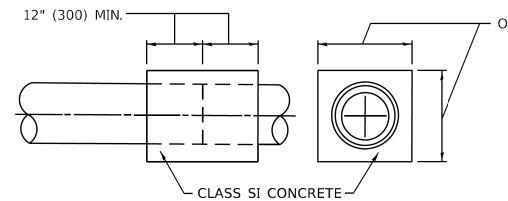
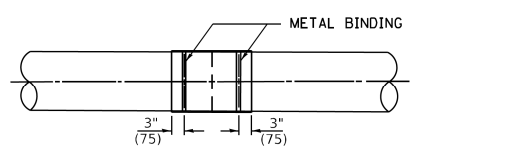
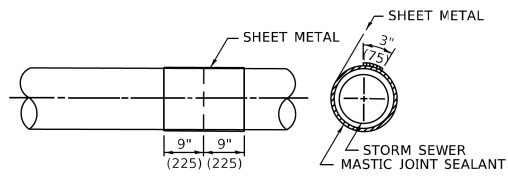
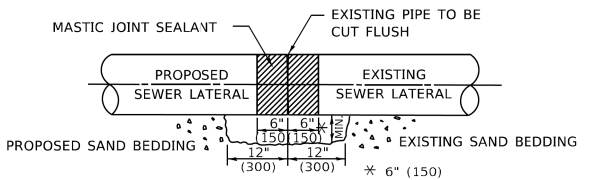
USER NAME = Iyanisch	DESIGNED - CJF	REVISED -
PLOT SCALE = 2"	DRAWN - DRP	REVISED -
PLOT DATE = 9/17/2024	CHECKED - MJR	REVISED -
	DATE - 9/17/2024	REVISED -

THEODORE STREET WIDEN AND RESURFACE		MISCELLANEOUS DETAILS		F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
JOLIET		ILLINOIS		400	18-00515-01-WR	WILL	115	84
SCALE:		SHEET 1 OF 1 SHEETS		STA. TO STA.		CONTRACT NO. 61K81		
ILLINOIS		SCALE:		SHEET 1 OF 1 SHEETS		STA. TO STA.		ILLINOIS FED. AID PROJECT



DETAIL "A"

LATERAL CONNECTION TO EXISTING SEWER OF 27" (675) OR SMALLER

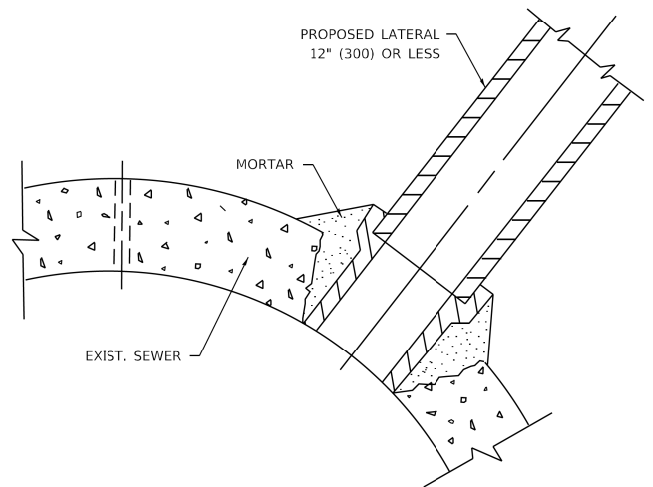


DETAIL "B"

CLASS SI CONCRETE COLLAR

CONSTRUCTION SEQUENCE

1. CUT THE EXISTING END OF THE PIPE SO AS TO PRESENT A FLUSH BUTT JOINT. BRUSH AND CLEAN ALL PIPES.
2. APPLY THE MASTIC JOINT SEALANT TO THE FIRST 6" (150) OF EACH PIPE.
3. BUTT THE PIPES TOGETHER LEAVING A MINIMUM OF 12' x 6' (300 x 150) DEEP EXCAVATION UNDER AND AROUND EACH PIPE END.
4. CUT A PIECE OF SHEET METAL GAGE NO. 19 1.1 (0.0418) 18" (450) WIDE BY THE OUTSIDE CIRCUMFERANCE OF THE PIPE PLUS 3" (75) LONG.
5. WRAP THE SHEET METAL AROUND THE PIPES, 9" (225) ON EACH SIDE OF THE JOINT, STARTING AT THE TOP OF THE PIPE.
6. LAP THE SHEET METAL AT LEAST 3" (75) AT THE TOP OF THE PIPE AND PLACE THE MASTIC JOINT SEALANT BETWEEN THE LAP.
7. PLACE TWO METAL BANDS AROUND THE SHEET METAL AND TIGHTEN.
8. WIPE OFF ANY EXCESS MASTIC JOINT SEALANT THAT OZES OUT FROM BETWEEN THE SHEET METAL AND THE PIPES.
9. PLACE CLASS SI CONCRETE AROUND THE JOINT.



DETAIL "C"

PROPOSED LATERAL CONNECTION TO EXISTING SEWER OF 30" (750) OR LARGER

NOTES:

MATERIAL

MATERIAL USED FOR THE TEE OR WYE SECTION SHALL BE COMPATIBLE WITH THE EXISTING STORM SEWER OR THE PROPOSED STORM SEWER.

CONSTRUCTION METHODS

- THIS WORK SHALL BE CONSTRUCTED IN CONFORMANCE WITH THE APPLICABLE PORTIONS OF SECTION 550 OF THE STANDARD SPECIFICATIONS.
- CONNECTION TO AN EXISTING STORM SEWER SHALL BE BY EITHER OF THE FOLLOWING METHODS:
 - PROPOSED STORM SEWER CONNECTION TO EXISTING SEWER OF 27" (675) OR SMALLER SEE DETAIL "A" AND "B".
 - PROPOSED STORM SEWER CONNECTION TO EXISTING SEWER OF 30" (750) OR LARGER SEE DETAIL "C".

IF THE EXISTING SEWER PIPE IS CRACKED, BROKEN OR OTHERWISE DAMAGED BY THE CONTRACTOR IN MAKING THE CIRCULAR OPENING, THE CONTRACTOR SHALL REPLACE THAT SECTION OF PIPE WITH PIPE EQUAL AND SIMILAR IN ALL RESPECTS TO THE PIPE IN THE EXISTING SEWER, IN A CAREFUL WORKMANLIKE MANNER, WITHOUT EXTRA COMPENSATION.

GENERAL

- CARE MUST BE TAKEN TO PREVENT DEBRIS FROM ENTERING THE SEWER. ALL DEBRIS WHICH ENTERS THE SEWER MUST BE REMOVED. THE SEWER MUST BE LEFT CLEAN AND UNOBSTRUCTED UPON COMPLETION OF THE CONTRACT.
- CARE MUST BE TAKEN TO PREVENT ANY PART OF THE NEW PIPE CONNECTION FROM PROJECTING INTO THE EXISTING SEWER.

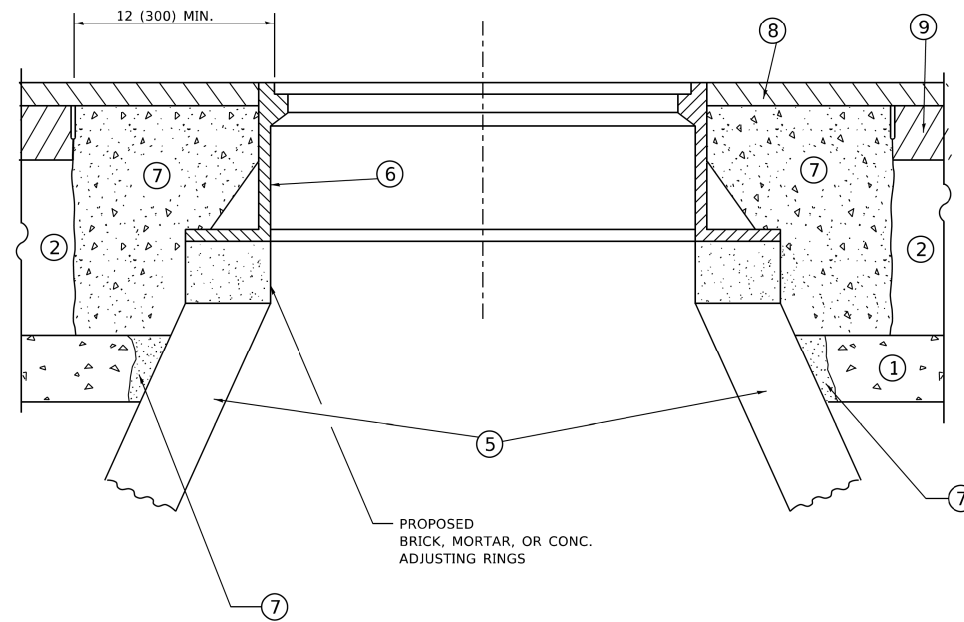
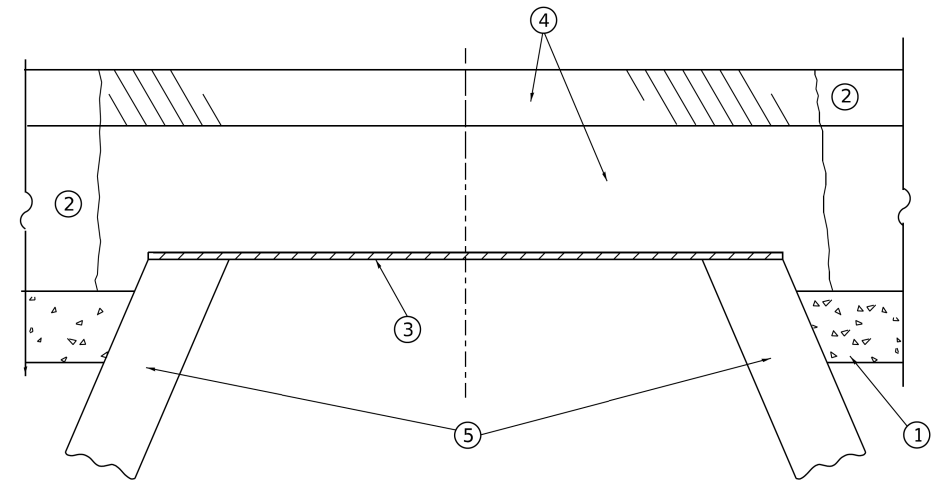
BASIS OF PAYMENT

- TEE OR WYE CONNECTIONS SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE EACH FOR STORM SEWER TEE OR WYE OF THE TYPE AND SIZE SPECIFIED IN THE PLANS, THIS PRICE SHALL INCLUDE ALL EXCAVATION OF THE TRENCH, REMOVAL OF THE EXISTING STORM SEWER, FURNISHING AND INSTALLING THE SPECIFIED TEE OR WYE SECTION, FURNISHING AND INSTALLING THE REQUIRED CONCRETE COLLAR, AND ALL OTHER MATERIAL NECESSARY TO COMPLETE THIS WORK AS SHOWN AND SPECIFIED.
- REMOVAL AND REINSTALLATION OF EXISTING STORM SEWER ADJACENT TO THE PROPOSED TEE OR WYE SECTION, FOR THE PURPOSE OF FACILITATING THE INSTALLATION OF THE TEE OR WYE SECTION, WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE UNIT PRICE BID FOR THE WORK.
- TRENCH BACKFILL, EXCAVATION IN ROCK AND REMOVAL AND REPLACEMENT OF UNSUITABLE MATERIAL BELOW PLAN BEDDING GRADE WILL BE PAID FOR SEPARATELY.
- CONCRETE COLLAR FOR CONNECTING A PROPOSED STORM SEWER TO AN EXISTING STORM SEWER WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE COST OF THE PROPOSED STORM SEWER.

* ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.

MODEL: Default
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USER NAME = demanchelt	DESIGNED - M. DE YONG	REVISED - R. SHAH 09-09-94	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DETAIL OF STORM SEWER CONNECTION TO EXISTING SEWER		F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
DRAWN -	DRAWN -	REVISED - R. SHAH 10-25-94		400	18-00515-01-WR	WILL	115	85		
PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED - R. SHAH 06-12-96		BD500-01 (BD-07)		CONTRACT NO. 61K81				
PLOT DATE = 2/2/2022	DATE - 07-25-90	REVISED - K. SMITH 02-01-22		SCALE: NONE	SHEET 1 OF 1 SHEETS	STA. TO STA.	ILLINOIS FED. AID PROJECT			



**DETAILS FOR FRAMES AND LIDS ADJUSTMENT
WITH MILLING**

NOTES

1. EXISTING BROKEN FRAMES AND LIDS SHALL BE REMOVED AND DISPOSED OF BY THE CONTRACTOR AND SHALL BE REPLACED AS DIRECTED BY THE ENGINEER. REPLACEMENT FRAMES AND LIDS WILL BE PAID FOR IN ACCORDANCE WITH ARTICLE 109.04 OF THE STANDARD SPECIFICATIONS UNLESS A SEPARATE PAY ITEM HAS BEEN PROVIDED.
2. IF THE EXISTING LIDS ARE OPEN, THE FRAME WILL BE ADJUSTED TO THE ELEVATION OF THE MILLED PAVEMENT SURFACE PRIOR TO THE MILLING OPERATION. THE FRAME WILL NOT BE REMOVED AND COVERED BY THE METAL PLATE.
3. CITY OF CHICAGO CASTINGS ARE THE PROPERTY OF THE CITY AND THE CONTRACTOR SHALL NOTIFY THE CITY FOR REMOVAL AND DISPOSITION OF THE CASTINGS.
4. THE METAL PLATE USED TO COVER THE STRUCTURE SHALL REMAIN THE PROPERTY OF THE CONTRACTOR.
5. THE CONTRACTOR SHALL REMOVE ALL TRAFFIC CONTROL DEVICES BY THE END OF EACH WORK SHIFT.

CONSTRUCTION PROCEDURES

STAGE 1 (BEFORE PAVEMENT MILLING)

- A) REMOVE A MINIMUM OF 12 (300) OF THE PAVEMENT FROM AROUND THE STRUCTURE.
- B) REMOVE THE EXISTING FRAME AND LID FROM THE STRUCTURE.
- C) COVER THE STRUCTURE OPENING WITH A 36 (900) DIAMETER METAL PLATE.
- D) BACKFILL WITH CRUSHED STONE AND HMA SURFACE MIX APPROVED BY THE ENGINEER. (MIN. 3 (80) HMA TO REMAIN AFTER MILLING).

STAGE 2 (AFTER PAVEMENT MILLING)

- A) REMOVE THE HMA SURFACE MIX AND CRUSHED STONE.
- B) INSTALL THE FRAME AND LID; ADJUST THE FRAME TO ITS FINAL SURFACE ELEVATION.
- C) THE SURROUNDING SPACE SHALL BE FILLED WITH CLASS PP-2* CONCRETE TO THE ELEVATION OF THE SURFACE OF THE EXISTING BASE COURSE OR THE BINDER COURSE.

* UNLESS OTHERWISE SPECIFIED IN THE PLANS.

THE PROCEDURE EXPLAINED ABOVE SHALL CONFORM TO THE APPLICABLE PORTIONS OF SECTIONS 353, 406, 602, AND 603 OF THE STANDARD SPECIFICATIONS EXCEPT THAT "THE CONTRACTOR SHALL ADJUST THE STRUCTURES TO THE FINISHED PAVEMENT ELEVATION NO MORE THAN 5 CALENDAR DAYS PRIOR TO PLACEMENT OF THE FINAL LIFT OF SURFACE UNLESS APPROVED BY THE ENGINEER."

LEGEND

- | | |
|--|-------------------------------|
| ① SUB-BASE GRANULAR MATERIAL | ⑥ FRAME AND LID (SEE NOTES) |
| ② EXISTING PAVEMENT | ⑦ CLASS PP-2* CONCRETE |
| ③ 36 (900) DIAMETER METAL PLATE | ⑧ PROPOSED HMA SURFACE COURSE |
| ④ PROPOSED CRUSHED STONE AND HMA SURFACE MIX | ⑨ PROPOSED HMA BINDER COURSE |
| ⑤ EXISTING STRUCTURE | |

LOCATION OF STRUCTURES

THE CONTRACTOR WILL BE REQUIRED TO KEEP A RECORD OF THE LOCATIONS OF THE BURIED STRUCTURES ACCORDING TO THE STATION AND DISTANCE LEFT OR RIGHT OF THE CENTERLINE OF PAVEMENT. UPON COMPLETION OF THE WORK, THE CONTRACTOR WILL DELIVER THE RECORD TO THE ENGINEER.

BASIS OF PAYMENT

1. REMOVING FRAMES AND LIDS ON DRAINAGE AND UTILITY STRUCTURES IN THE PAVEMENT PRIOR TO MILLING, AND ADJUSTING TO FINAL GRADE PRIOR TO PLACING THE SURFACE COURSE, WILL BE PAID FOR AT THE CONTRACT UNIT PRICE EACH FOR "FRAMES AND LIDS TO BE ADJUSTED (SPECIAL)."
2. THIS WORK WILL NOT BE PAID FOR WHEN DRAINAGE AND UTILITY STRUCTURES ARE SPECIFIED FOR PAYMENT AS STRUCTURE RECONSTRUCTION.
3. NEW FRAMES AND LIDS, WHEN SPECIFIED, WILL BE PAID FOR SEPARATELY.
4. WHEN STRUCTURES ARE TO BE ADJUSTED OR RECONSTRUCTED, THE LOWERING AND RAISING OF THE FRAMES AND LIDS WILL NOT BE PAID FOR SEPARATELY BUT WILL BE INCLUDED IN THE COST OF THE CORRESPONDING PAY ITEM.

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN

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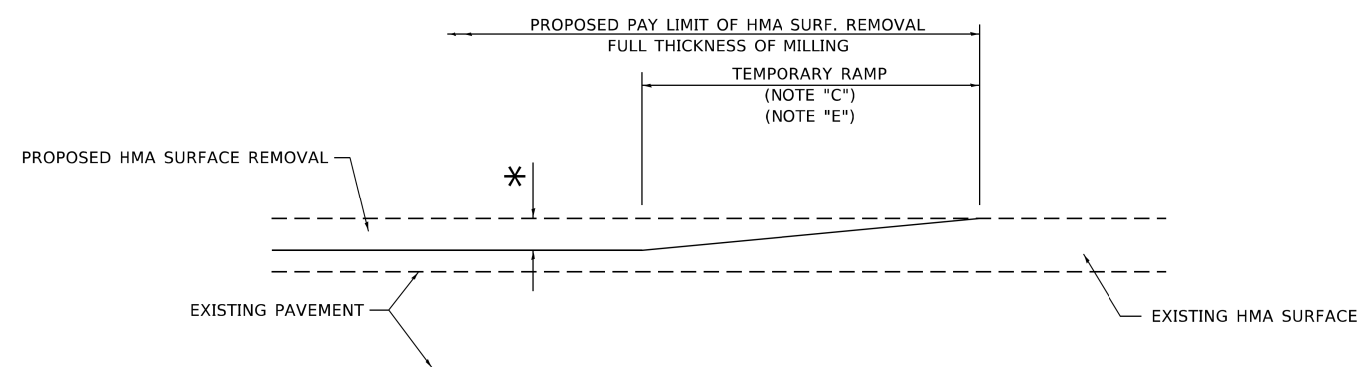
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	DRAWN -	REVISED - R. BORO 12-06-11
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PLOT DATE = 9/15/2023	DATE - 10-25-94	REVISED - K. SMITH 09-15-23

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**DETAILS FOR
FRAMES AND LIDS ADJUSTMENT WITH MILLING**

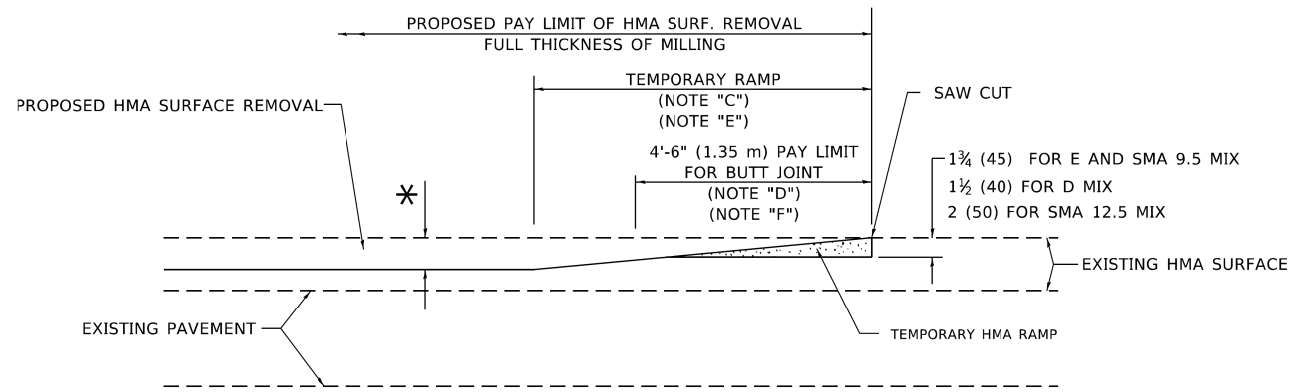
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F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
400	18-00515-01-WR	WILL	115	86
BD600-03 (BD-08)			CONTRACT NO. 61K81	
ILLINOIS FED. AID PROJECT				



MILLED TEMPORARY RAMP
(FOR BUTT JOINT AND HMA TAPER SEE DETAIL BELOW)

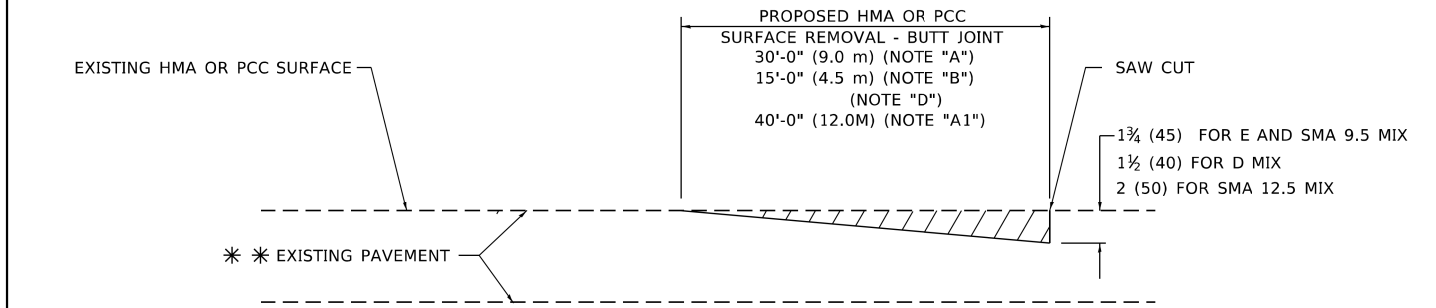
OPTION 1



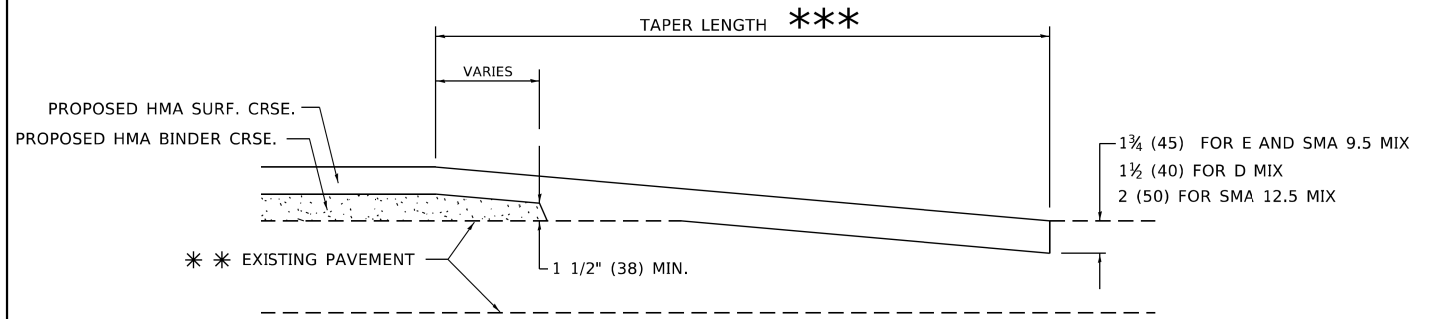
HMA CONSTRUCTED TEMPORARY RAMP
(FOR BUTT JOINT AND HMA TAPER SEE DETAIL BELOW)

OPTION 2

TYPICAL TEMPORARY RAMP



BUTT JOINT DETAIL



HMA TAPER DETAIL

TYPICAL BUTT JOINT AND HMA TAPER FOR RESURFACING ONLY

*** PC CONCRETE, HMA OR HMA RESURFACED PAVEMENT.

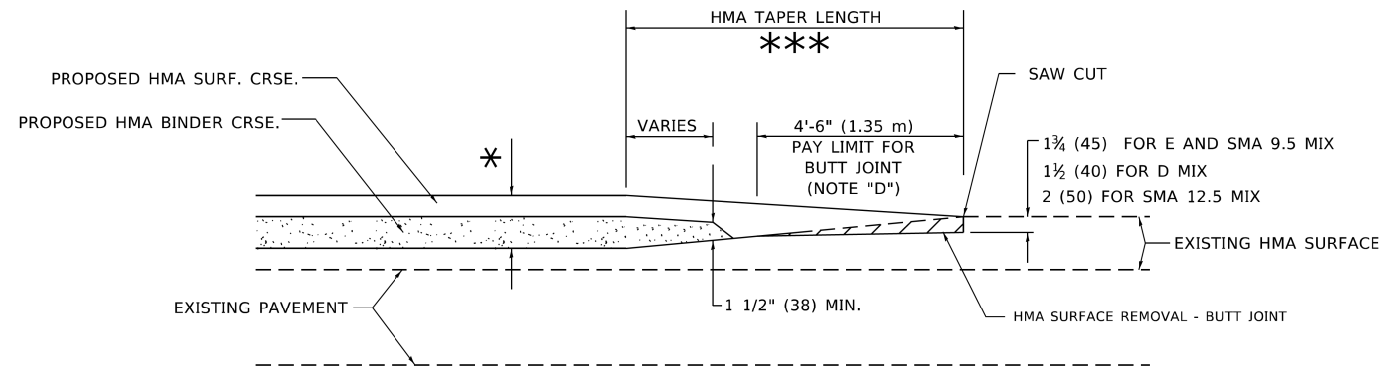
GENERAL NOTES

- A. MAINLINE ARTERIAL ROADWAYS AND MAJOR SIDE ROADS.
- A1. INTERSTATES
- B. MINOR SIDE ROADS.
- C. THE TEMP. RAMP SHALL BE CONSTRUCTED IMMEDIATELY UPON REMOVAL OF THE EXISTING HMA SURFACE.
- D. THE BUTT JOINT SHALL BE CONSTRUCTED IMMEDIATELY PRIOR TO PLACING THE PROPOSED HMA COURSES.
- E. TAPER THE TEMP. RAMP AT A RATE OF 3' - 4" (1.02m) PER 1 INCH (25 mm) OF MILLING THICKNESS.
* SEE TYPICAL SECTIONS FOR MILLING THICKNESS.
- F. SEE ARTICLE 406.08 AND 406.14 OF THE STANDARD SPECIFICATIONS FOR "HMA AND/OR PCC SURFACE REMOVAL, BUTT JOINT".
*** 20'-0" (6.1 m) PER 1 (25) RESURFACING (NOTE "A")
10'-0" (3.0 m) PER 1 (25) RESURFACING (NOTE "B")

BASIS OF PAYMENT

- 1. THE BUTT JOINT WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER SQUARE YARD (SQUARE METER) FOR "HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT" OR FOR "PORTLAND CEMENT CONCRETE SURFACE REMOVAL- BUTT JOINT".
- 2. THE TEMPORARY RAMP AND SAW CUT SHALL BE INCLUDED IN THE UNIT COST FOR HMA OR PCC SURFACE REMOVAL-BUTT JOINT.

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.



BUTT JOINT AND HMA TAPER

TYPICAL BUTT JOINT AND HMA TAPER FOR MILLING AND RESURFACING

MODEL: Default
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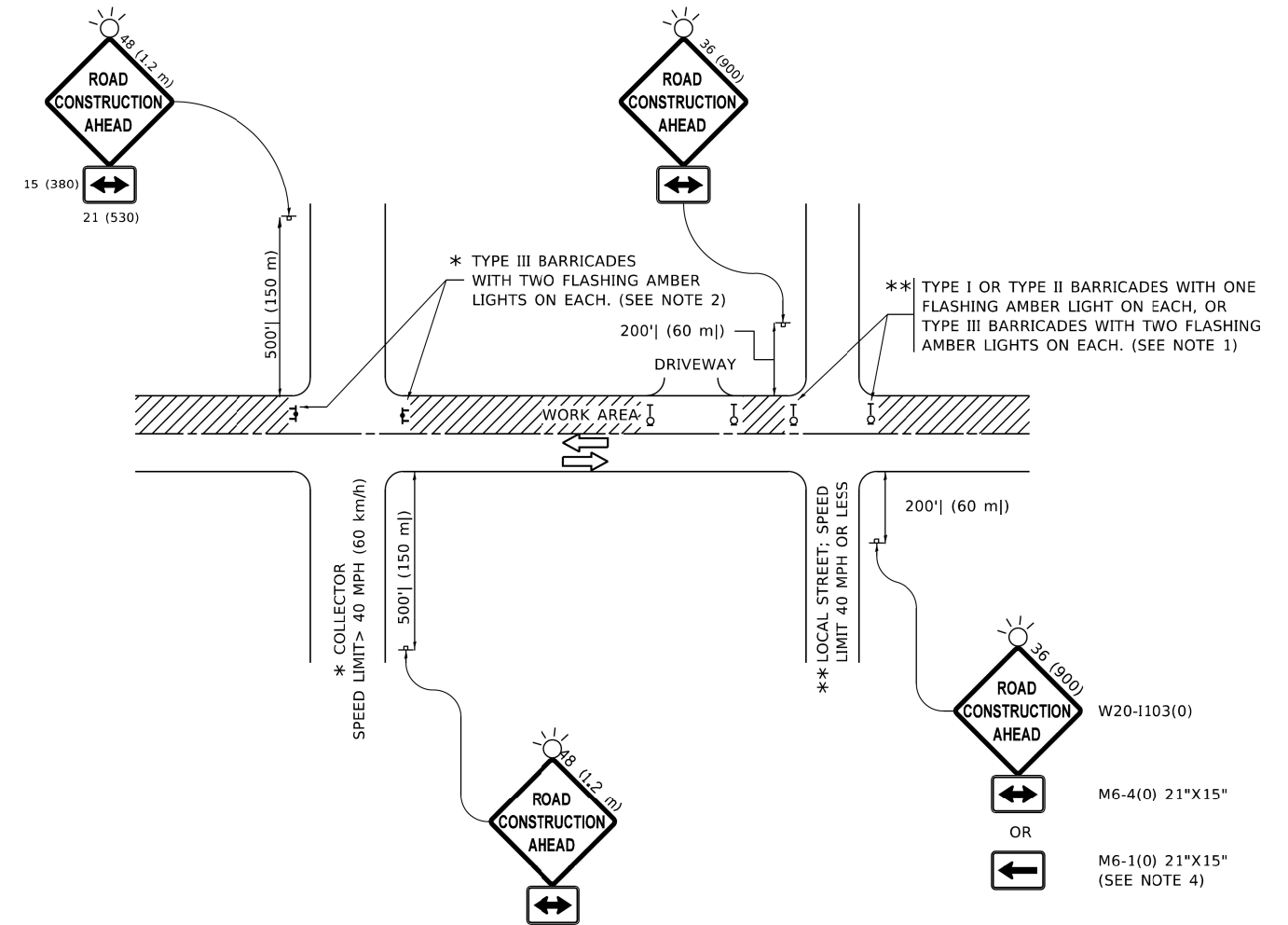
USER NAME = Lawrence,DeManche	DESIGNED - M. DE YONG	REVISED - A. ABBAS 03-21-97
	DRAWN -	REVISED - M. GOMEZ 04-06-01
PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED - R. BORO 01-01-07
PLOT DATE = 11/18/2022	DATE - 06-13-90	REVISED - K. SMITH 11-18-22

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**BUTT JOINT AND
HMA TAPER DETAILS**

SCALE: NONE SHEET 1 OF 1 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
400	18-00515-01-WR	WILL	115	87
BD400-05 BD-32		CONTRACT NO. 61K81		
ILLINOIS FED. AID PROJECT				



NOTES:

1. SIDE ROAD WITH A SPEED LIMIT OF 40 MPH (60 km/h) OR LESS AS SHOWN ON THE DRAWING AND AS DIRECTED BY THE ENGINEER:
 - a) ONE "ROAD CONSTRUCTION AHEAD" SIGN 36 x 36 (900x900) WITH A FLASHER MOUNTED ON IT APPROXIMATELY 200' (60 m) IN ADVANCE OF THE MAIN ROUTE.
 - b) THE CLOSED PORTION OF THE MAIN ROUTE SHALL BE PROTECTED BY BLOCKING WITH TYPE I, TYPE II OR TYPE III BARRICADES, 1/3 OF THE CROSS SECTION OF THE CLOSED PORTION.
2. SIDE ROAD WITH A SPEED LIMIT GREATER THAN 40 MPH (60 km/h) AS SHOWN ON THE DRAWING AND AS DIRECTED BY THE ENGINEER:
 - a) ONE "ROAD CONSTRUCTION AHEAD" SIGN 48 x 48 (1.2 m x 1.2 m) WITH A FLASHER MOUNTED ON IT APPROXIMATELY 500' (150 m) IN ADVANCE OF THE MAIN ROUTE.
 - b) BLOCKING WITH TYPE III BARRICADES, 1/2 OF THE CROSS SECTION OF THE CLOSED PORTION.
3. CONES MAY BE SUBSTITUTED FOR BARRICADES OR DRUMS AT HALF THE SPACING DURING DAY OPERATIONS. CONES SHALL BE A MINIMUM OF 28 (710) IN HEIGHT.
4. SIGNING AND THE WORK ZONE, A SINGLE HEADED ARROW (M6-1) SHALL BE USED IN LIEU OF THE DOUBLE HEADED ARROW (M6-4).
5. WHEN WORK IS BEING PERFORMED ON A SIDE ROAD OR DRIVEWAY, FOLLOW THE APPLICABLE STANDARD(S). THE DIRECTIONAL ARROW (M6-1 OR M6-4) SHALL BE COVERED OR REMOVED WHEN NO LONGER CONSISTENT WITH THE TRAFFIC CONTROL SET-UP.
6. ADVANCE WARNING SIGNS ARE TO BE OMITTED ON DRIVEWAYS UNLESS OTHERWISE SPECIFIED IN THE PLANS OR BY THE ENGINEER.
7. THE TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS SHALL BE INCLUDED IN THE COST OF SPECIFIED TRAFFIC CONTROL STANDARDS OR ITEMS.

All dimensions are in inches (millimeters) unless otherwise shown.

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PROJECT: 115015\115015.dwg
OFFICE: DISTRICT 11
CADD: DATA\CADD\115015\115015.dwg

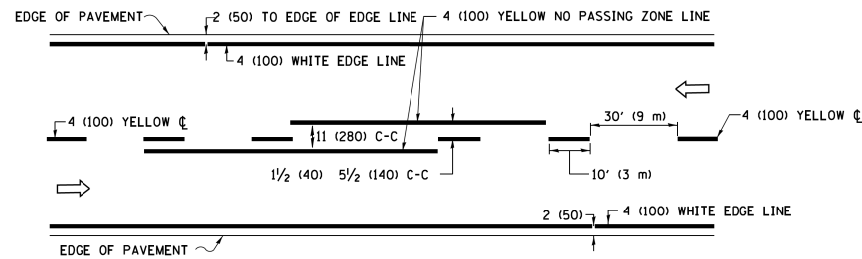
USER NAME = Lawrence,DeManche	DESIGNED - L.H.A.	REVISED - T. RAMMACHER 01-06-00
	DRAWN -	REVISED - A. SCHUETZE 07-01-13
PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED - A. SCHUETZE 09-15-16
PLOT DATE = 5/3/2024	DATE - 06-89	REVISED - D. SENDERAK 05-03-24

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

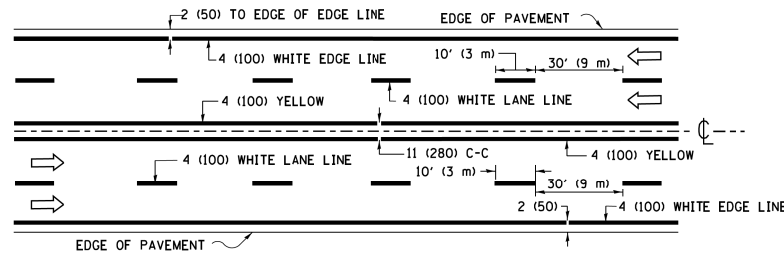
**TRAFFIC CONTROL AND PROTECTION FOR
SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS**

SCALE: NONE SHEET 1 OF 1 SHEETS STA. TO STA.

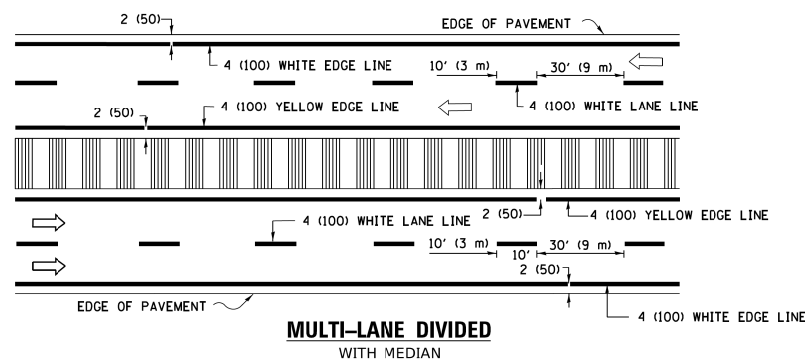
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400	18-00515-01-WR	WILL	115	88
TC-10		CONTRACT NO. 61K81		
ILLINOIS FED. AID PROJECT				



2-LANE ROADWAY

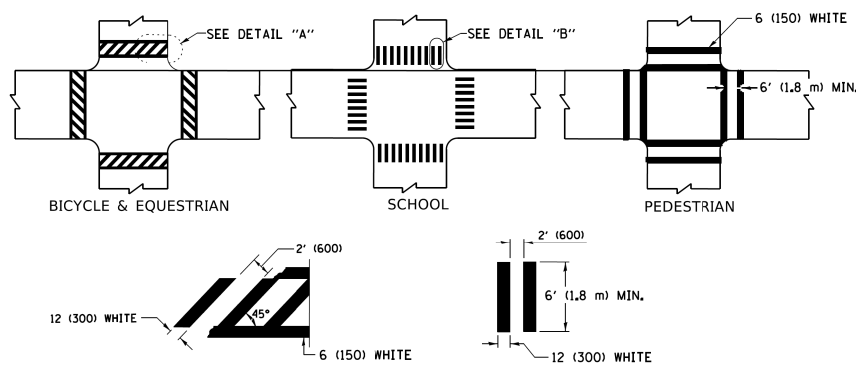


MULTI-LANE UNDIVIDED



MULTI-LANE DIVIDED WITH MEDIAN

TYPICAL LANE AND EDGE LINE MARKING

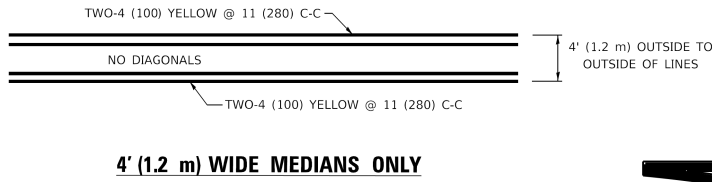


DETAIL "A"

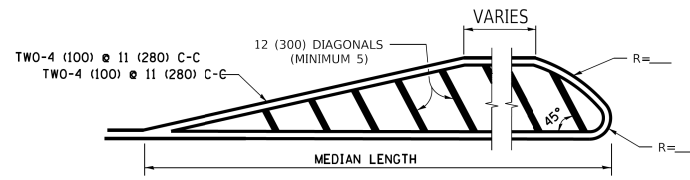
DETAIL "B"

TYPICAL CROSSWALK MARKING

* MARKINGS SHALL BE INSTALLED PARALLEL TO THE CENTERLINE OF THE ROAD WHICH IT CROSSES

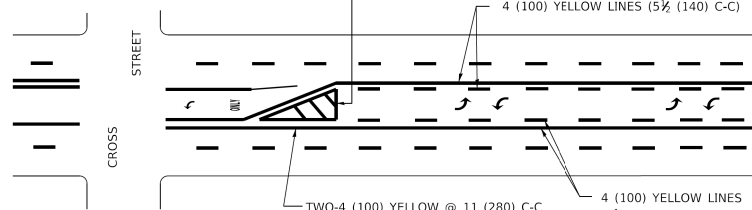


4' (1.2 m) WIDE MEDIANS ONLY



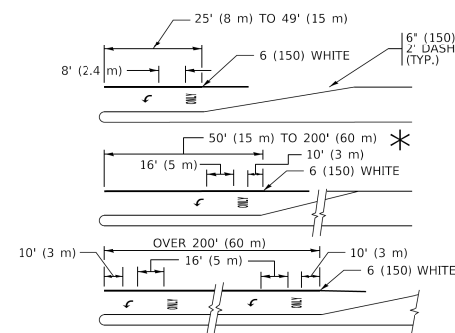
MEDIANS OVER 4' (1.2 m) WIDE

DIAGONAL LINE SPACING: 50' (15 m) C-C (LESS THAN 30MPH (50 km/h))
75' (25 m) C-C 30MPH (50 km/h) TO 45MPH (70 km/h)
150' (45 m) C-C (MORE THAN 45MPH (70 km/h))



MEDIAN WITH TWO-WAY LEFT TURN LANE

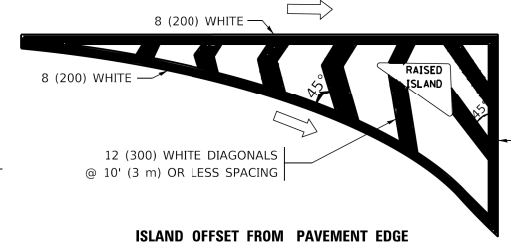
TYPICAL PAINTED MEDIAN MARKING



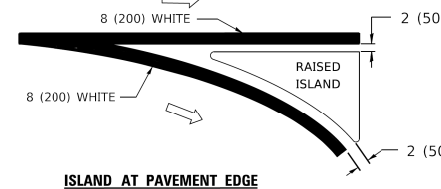
TYPICAL LEFT (OR RIGHT) TURN LANE

TYPICAL TURN LANE MARKING

FULL SIZE LETTERS 8" (2.4 m) AND ARROWS SHALL BE USED.
AREA = 15.6 SQ. FT. (1.5 m²) ONLY AREA = 20.8 SQ. FT. (1.9 m²)
* TURN LANES IN EXCESS OF 400' (120 m) IN LENGTH MAY HAVE AN ADDITIONAL SET OF ARROW - "ONLY" INSTALLED MIDWAY BETWEEN THE OTHER TWO SETS OF ARROW - "ONLY".

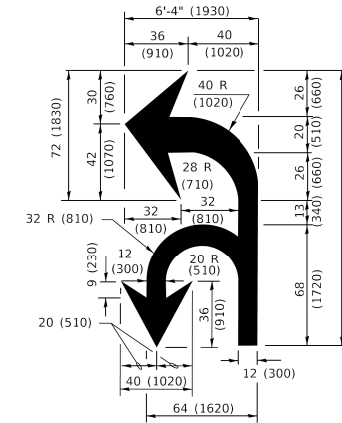


ISLAND OFFSET FROM PAVEMENT EDGE

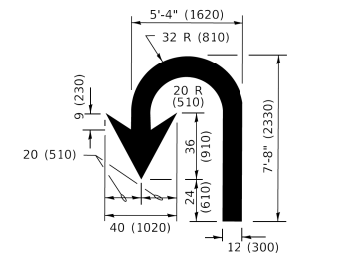


ISLAND AT PAVEMENT EDGE

TYPICAL ISLAND MARKING



COMBINATION LEFT AND U-TURN



U-TURN

LANE REDUCTION TRANSITION
* LANE REDUCTION ARROWS REQUIRED AT SPEEDS OF 45 MPH OR GREATER OR WHEN SPECIFIED IN PLANS.

D(FT)	SPEED LIMIT
345	30
425	35
500	40
580	45
665	50
750	55

TYPE OF MARKING	WIDTH OF LINE	PATTERN	COLOR	SPACING / REMARKS
CENTERLINE ON 2 LANE PAVEMENT	4 (100)	SKIP-DASH	YELLOW	10' (3 m) LINE WITH 30' (9 m) SPACE
CENTERLINE ON MULTI-LANE UNDIVIDED PAVEMENT	2 @ 4 (100)	SOLID	YELLOW	11 (280) C-C
NO PASSING ZONE LINES: FOR ONE DIRECTION FOR BOTH DIRECTIONS	4 (100) 2 @ 4 (100)	SOLID SOLID	YELLOW YELLOW	5 1/2 (140) C-C FROM SKIP-DASH CENTERLINE 11 (280) C-C OMIT SKIP-DASH CENTERLINE BETWEEN
LANE LINES	4 (100) 5 (125) ON FREEWAYS	SKIP-DASH SKIP-DASH	WHITE WHITE	10' (3 m) LINE WITH 30' (9 m) SPACE
DOTTED LINES (EXTENSIONS OF CENTER, LANE OR TURN LANE MARKINGS)	SAME AS LINE BEING EXTENDED	SKIP-DASH	SAME AS LINE BEING EXTENDED	2' (600) LINE WITH 6' (1.8 m) SPACE
EDGE LINES	4 (100)	SOLID	YELLOW-LEFT WHITE-RIGHT	OUTLINE MEDIANS IN YELLOW
TURN LANE MARKINGS	6 (150) LINE: FULL SIZE LETTERS & SYMBOLS (8" (2.4m))	SOLID	WHITE	SEE TYPICAL TURN LANE MARKING DETAIL
TWO WAY LEFT TURN MARKING	2 @ 4 (100) EACH DIRECTION 8' (2.4m) LEFT ARROW	SKIP-DASH AND SOLID IN PAIRS	YELLOW WHITE	10' (3 m) LINE WITH 30' (9 m) SPACE FOR SKIP-DASH; 5 1/2 (140) C-C BETWEEN SOLID LINE AND SKIP-DASH LINE SEE TYPICAL TWO-WAY LEFT TURN MARKING DETAIL
CROSSWALK LINES (PEDESTRIAN) A. DIAGONALS (BIKE & EQUESTRIAN) B. LONGITUDINAL BARS (SCHOOL)	2 @ 6 (150) 12 (300) @ 45° 12 (300) @ 90°	SOLID SOLID SOLID	WHITE WHITE WHITE	NOT LESS THAN 6' (1.8 m) APART 2' (600) APART SEE TYPICAL CROSSWALK MARKING DETAILS.
STOP LINES	24 (600)	SOLID	WHITE	PLACE 4' (1.2 m) IN ADVANCE OF AND PARALLEL TO CROSSWALK, IF PRESENT. OTHERWISE, PLACE AT DESIRED STOPPING POINT. PARALLEL TO CROSSROAD CENTERLINE, WHERE POSSIBLE.
PAINTED MEDIANS	2 @ 4 (100) WITH 12 (300) DIAGONALS @ 45° NO DIAGONALS USED FOR 4' (1.2 m) WIDE MEDIANS	SOLID	YELLOW: TWO WAY TRAFFIC WHITE: ONE WAY TRAFFIC	11 (280) C-C FOR THE DOUBLE LINE SEE TYPICAL PAINTED MEDIAN MARKING.
GORE MARKING AND CHANNELIZING LINES	8 (200) WITH 12 (300) DIAGONALS @ 45°	SOLID	WHITE	DIAGONALS: 15' (4.5 m) C-C (LESS THAN 30MPH (50 km/h)) 20' (6 m) C-C 30MPH (50 km/h) TO 45MPH (70 km/h) 30' (9 m) C-C (OVER 45MPH (70 km/h))
RAILROAD CROSSING	24 (600) TRANSVERSE LINES: "RR" IS 6' (1.8 m) LETTERS: 16 (400) LINE FOR "X"	SOLID	WHITE	SEE STATE STANDARD 780001 AREA OF: "R"=3.6 SQ. FT. (0.33 m ²) EACH "X"=54.0 SQ. FT. (5.0 m ²)
SHOULDER DIAGONALS (REQUIRED FOR SHOULDERS ≥ 8')	12 (300) @ 45°	SOLID	WHITE - RIGHT YELLOW - LEFT	50' (15 m) C-C (LESS THAN 30MPH (50 km/h)) 75' (25 m) C-C (30 MPH (50 km/h) TO 45MPH (70 km/h)) 150' (45 m) C-C (OVER 45MPH (70 km/h))
U TURN ARROW	SEE DETAIL	SOLID	WHITE	16.3 SF
2 ARROW COMBINATION LEFT AND U TURN	SEE DETAIL	SOLID	WHITE	30.4 SF

FOR FURTHER DETAILS ON PAVEMENT MARKING REFER TO STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION AND STATE STANDARD 780001.

All dimensions are in inches (millimeters) unless otherwise shown.

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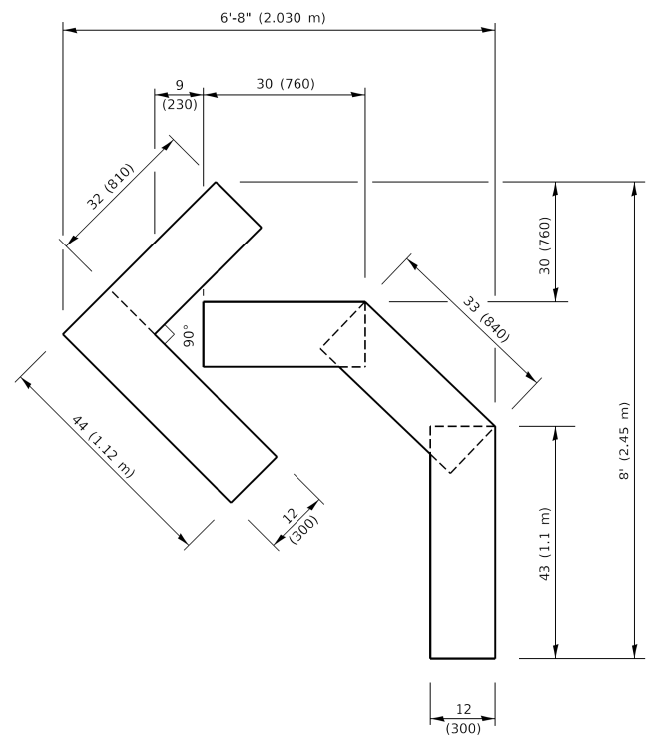
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PLOT DATE = 3/4/2019	DATE - 03-19-90	REVISED - C. JUCIUS 12-21-15
		REVISED - C. JUCIUS 04-12-16

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**DISTRICT ONE
TYPICAL PAVEMENT MARKINGS**

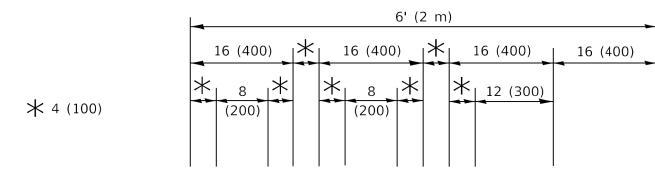
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F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
400	18-00515-01-WR	WILL	115	89
TC-13		CONTRACT NO. 61K81		
ILLINOIS FED. AID PROJECT				



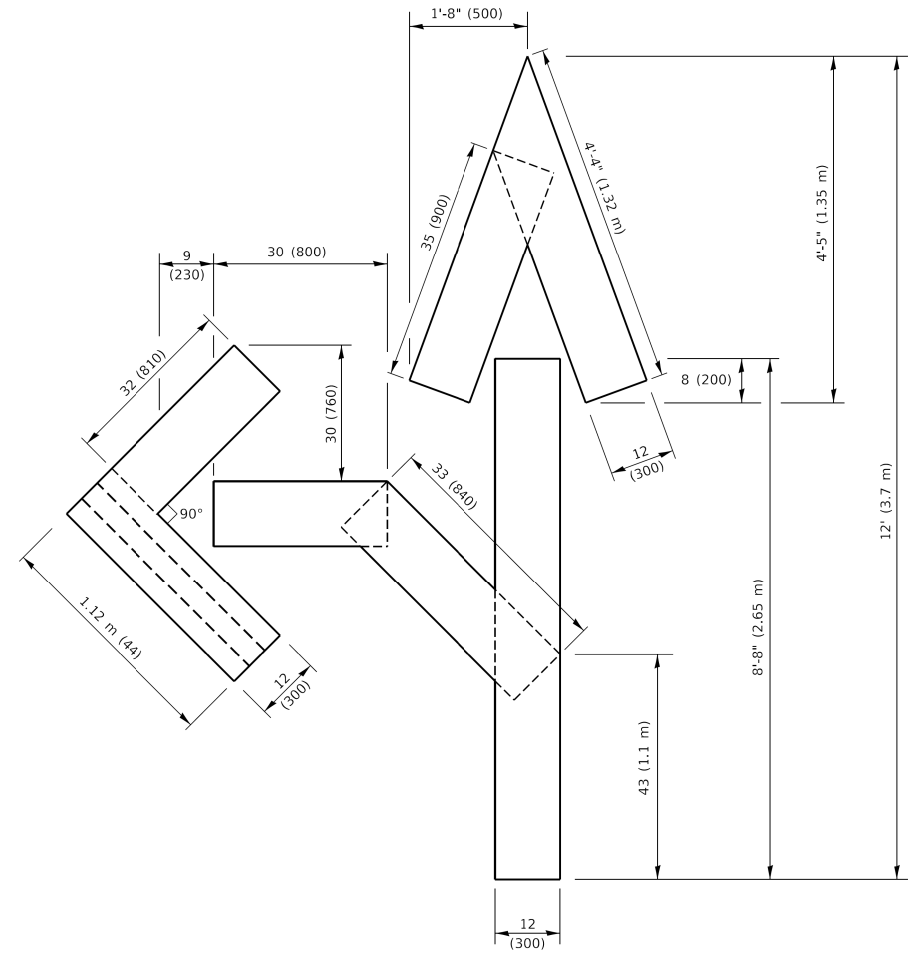
QUANTITY

4 (100) LINE = 45.5 ft. (13.9 m)
15.2 sq. ft. (1.41 sq. m)



QUANTITY

4 (100) LINE = 64.1 ft. (19.5 m)
21.4 sq. ft. (1.99 sq. m)

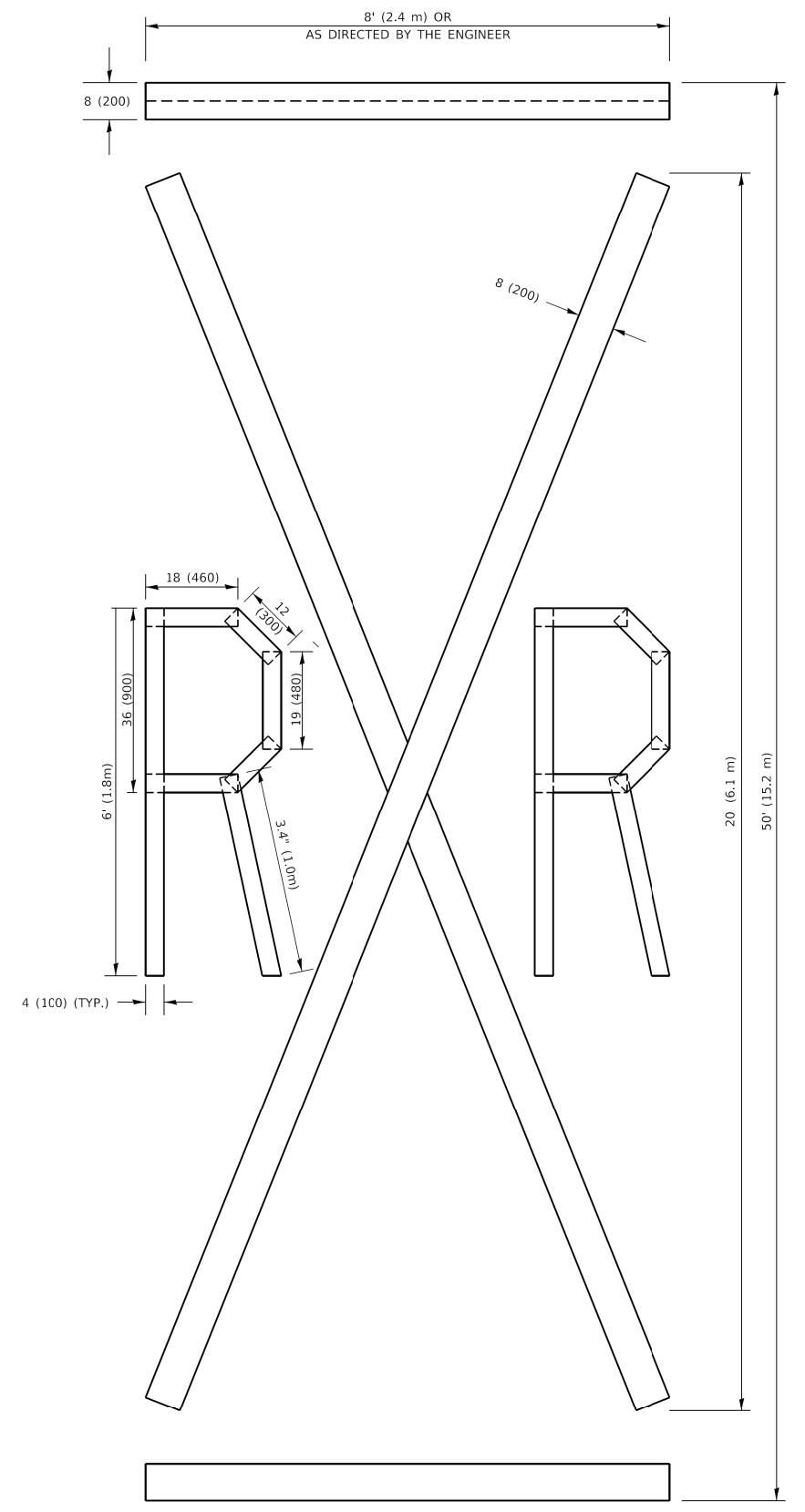


QUANTITY

4 (100) LINE = 82.5 ft. (25.1 m)
27.5 sq. ft. (2.53 sq. m)

NOTE:

ALL QUANTITIES OF PLACEMENT ARE REPRESENTED IN LINEAR FEET OF 4" LINES TO MATCH THE 4" TEMPORARY TAPE PAY ITEM AND REPRESENTS THE TOTAL QUANTITY OF 4" TAPE REQUIRED.



QUANTITY

4 (100) LINE = 225.9 ft. (68.9 m)
75.3 sq. ft. (6.99 sq. m)

All dimensions are in inches (millimeters) unless otherwise shown.

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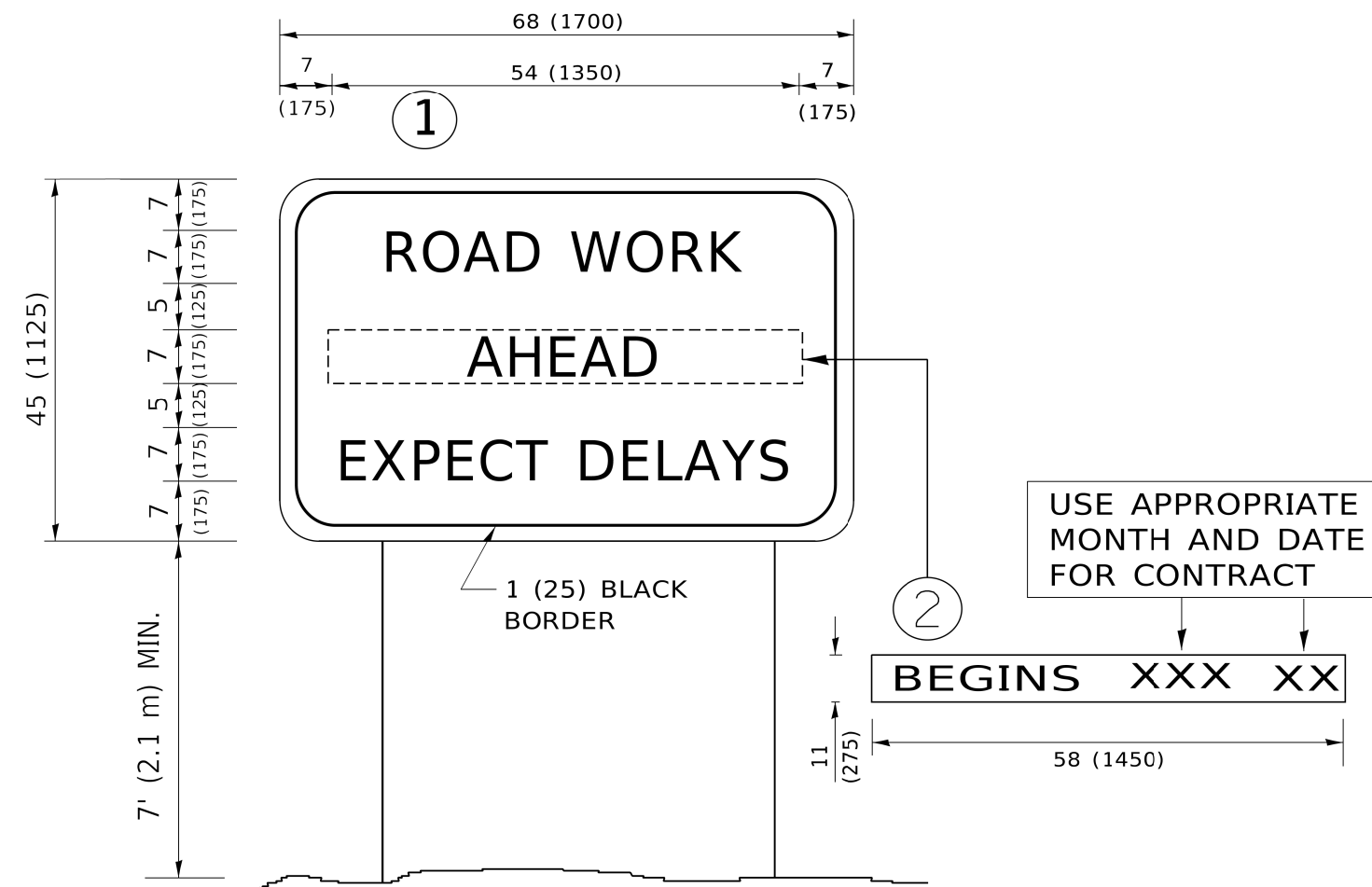
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PLOT DATE = 3/4/2019	CHECKED -	REVISED - E. GOMEZ 08-28-00
	DATE - 09-18-94	REVISED - A. SCHUETZE 09-15-16

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SHORT TERM PAVEMENT MARKING LETTERS AND SYMBOLS

SCALE: NONE SHEET 1 OF 1 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
400	18-00515-01-WR	WILL	115	90
TC-16			CONTRACT NO. 61K81	
ILLINOIS FED. AID PROJECT				



NOTES:

1. USE BLACK LETTERING ON ORANGE BACKGROUND.
2. ERECT SIGNS IN ADVANCE OF THE LOCATION FOR THE "ROAD CONSTRUCTION AHEAD" SIGN AT LOCATIONS AS DIRECTED BY THE ENGINEER.
3. ERECT SIGN ① WITH INSTALLED PANEL ② ONE WEEK PRIOR TO THE START OF CONSTRUCTION.
4. REMOVE PANEL ② SOON AFTER THE START OF CONSTRUCTION.
5. SEE SPECIAL PROVISION FOR "TEMPORARY INFORMATION SIGNING" FOR ADDITIONAL INFORMATION.
6. ONE SIGN ASSEMBLY EQUALS 25.70 SQ. FT. (2.3 SQ. M.)
7. SHALL BE PAID FOR AS TEMPORARY INFORMATION SIGNING.

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.

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USER NAME = footemj	DESIGNED -	REVISED - R. MIRS 09-15-97
	DRAWN -	REVISED - R. MIRS 12-11-97
PLOT SCALE = 50.0000 ' / ft.	CHECKED -	REVISED - T. RAMMACHER 02-02-99
PLOT DATE = 3/4/2019	DATE -	REVISED - C. JUCIUS 01-31-07

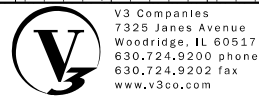
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**ARTERIAL ROAD
INFORMATION SIGN**

SCALE: NONE SHEET 1 OF 1 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
400	18-00515-01-WR	WILL	115	91
TC-22		CONTRACT NO. 61K81		
ILLINOIS FED. AID PROJECT				

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V3 Companies
 7325 Janes Avenue
 Woodridge, IL 60517
 630.724.9200 phone
 630.724.9202 fax
 www.v3co.com

USER NAME = lyanisch
PLOT SCALE = 20'
PLOT DATE = 11/12/2024

DESIGNED - CJF
DRAWN - DRP
CHECKED - MJR
DATE - 9/17/2024

REVISED -
REVISED -
REVISED -
REVISED -

THEODORE STREET WIDEN AND RESURFACE

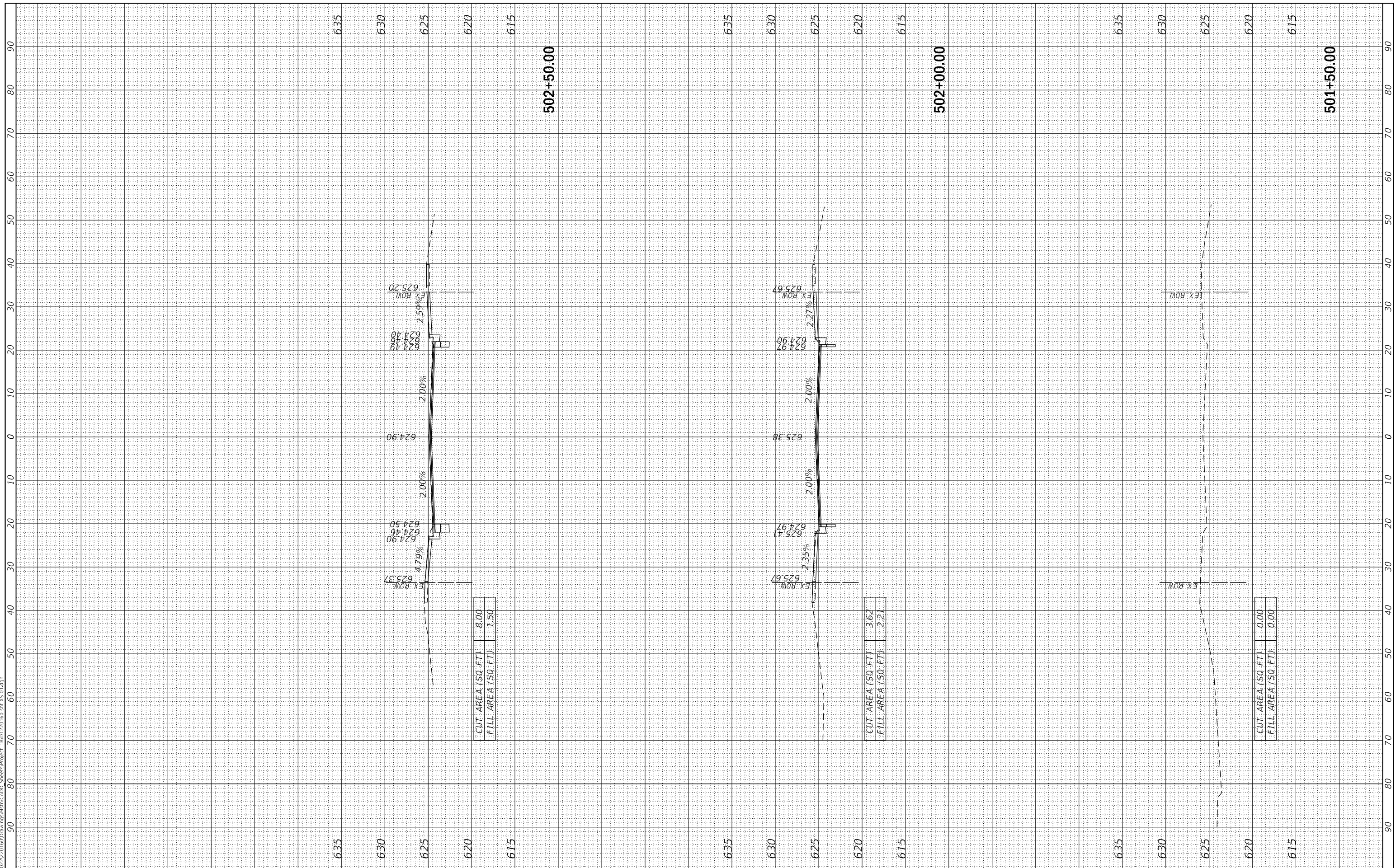
JOLIET

ILLINOIS

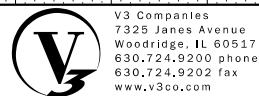
CROSS SECTIONS

SCALE: 1"=10' SHEET 1 OF 23 SHEETS STA. 501+50.00 TO STA. 502+50.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
400	18-00515-00-WR	WILL	115	93
CONTRACT NO. 61K81				
ILLINOIS		FED. AID PROJECT		



MODEL: Default
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V3 Companies
 7325 Janes Avenue
 Woodridge, IL 60517
 630.724.9200 phone
 630.724.9202 fax
 www.v3co.com

USER NAME = lyanisch
 PLOT SCALE = 20'
 PLOT DATE = 11/12/2024

DESIGNED - CJF
 DRAWN - DRP
 CHECKED - MJR
 DATE - 9/17/2024

REVISED -
 REVISED -
 REVISED -
 REVISED -

THEODORE STREET WIDEN AND RESURFACE

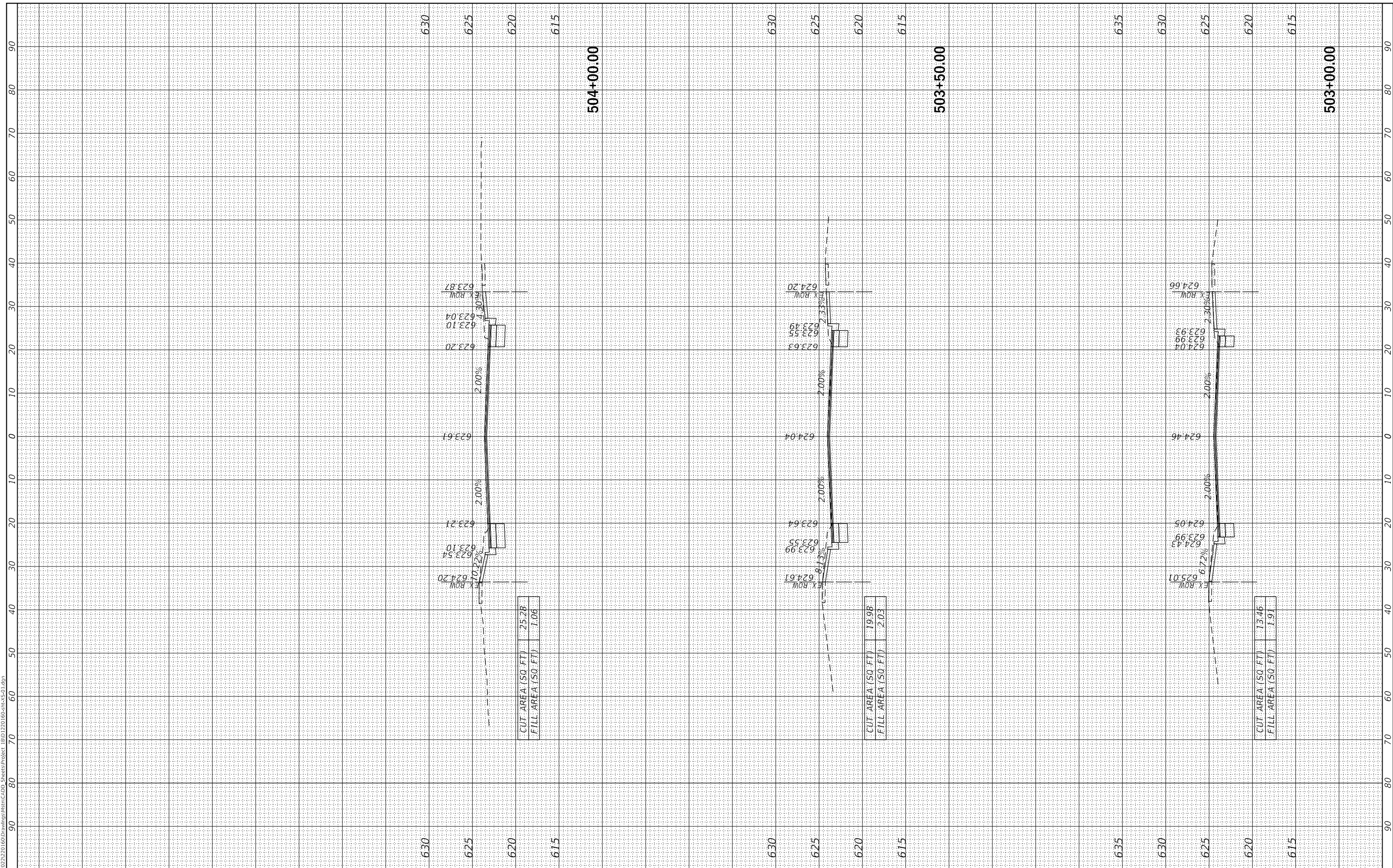
JOLIET

ILLINOIS

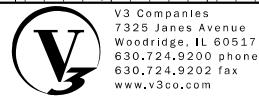
CROSS SECTIONS

SCALE: 1"=10' SHEET 2 OF 23 SHEETS STA. 503+00.00 TO STA. 504+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
400	18-00515-00-WR	WILL	115	94
CONTRACT NO. 61K81				
		ILLINOIS	FED. AID PROJECT	



MODEL: Default
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V3 Companies
 7325 Janes Avenue
 Woodridge, IL 60517
 630.724.9200 phone
 630.724.9202 fax
 www.v3co.com

USER NAME = lyanisch
PLOT SCALE = 20'
PLOT DATE = 11/12/2024

DESIGNED - CJF
DRAWN - DRP
CHECKED - MJR
DATE - 9/17/2024

REVISED -
REVISED -
REVISED -
REVISED -

THEODORE STREET WIDEN AND RESURFACE

JOLIET

ILLINOIS

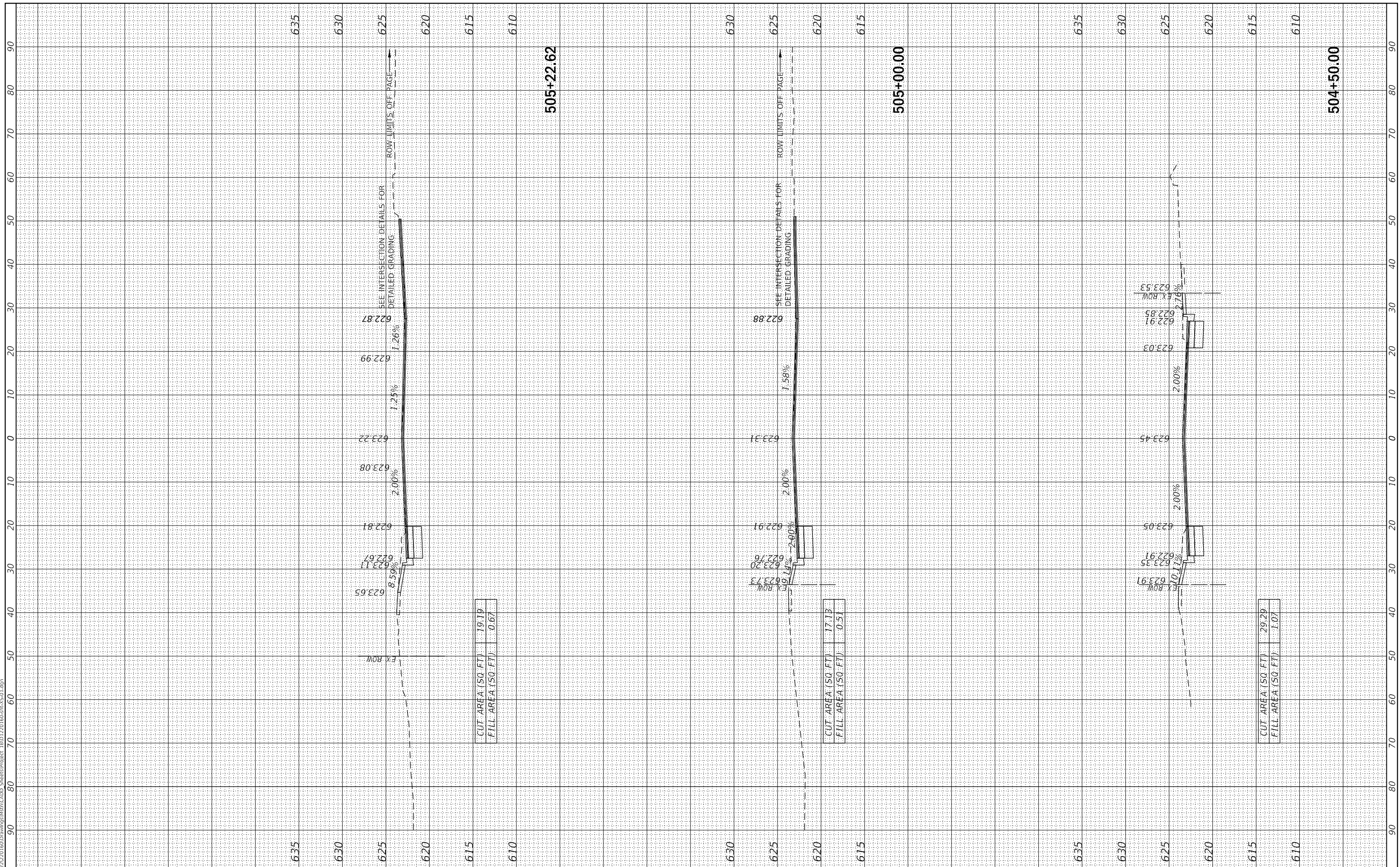
CROSS SECTIONS

SCALE: 1"=10'

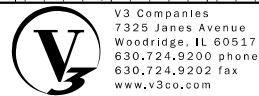
SHEET 3 OF 23 SHEETS

STA. 504+50.00 TO STA. 505+22.62

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
400	18-00515-00-WR	WILL	115	95
CONTRACT NO. 61K81				
ILLINOIS FED. AID PROJECT				



MODEL: Default
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V3 Companies
 7325 Janes Avenue
 Woodridge, IL 60517
 630.724.9200 phone
 630.724.9202 fax
 www.v3co.com

USER NAME = lyanisch
 PLOT SCALE = 20'
 PLOT DATE = 9/17/2024

DESIGNED - CJF
 DRAWN - DRP
 CHECKED - MJR
 DATE - 9/17/2024

REVISED -
 REVISED -
 REVISED -
 REVISED -

THEODORE STREET WIDEN AND RESURFACE

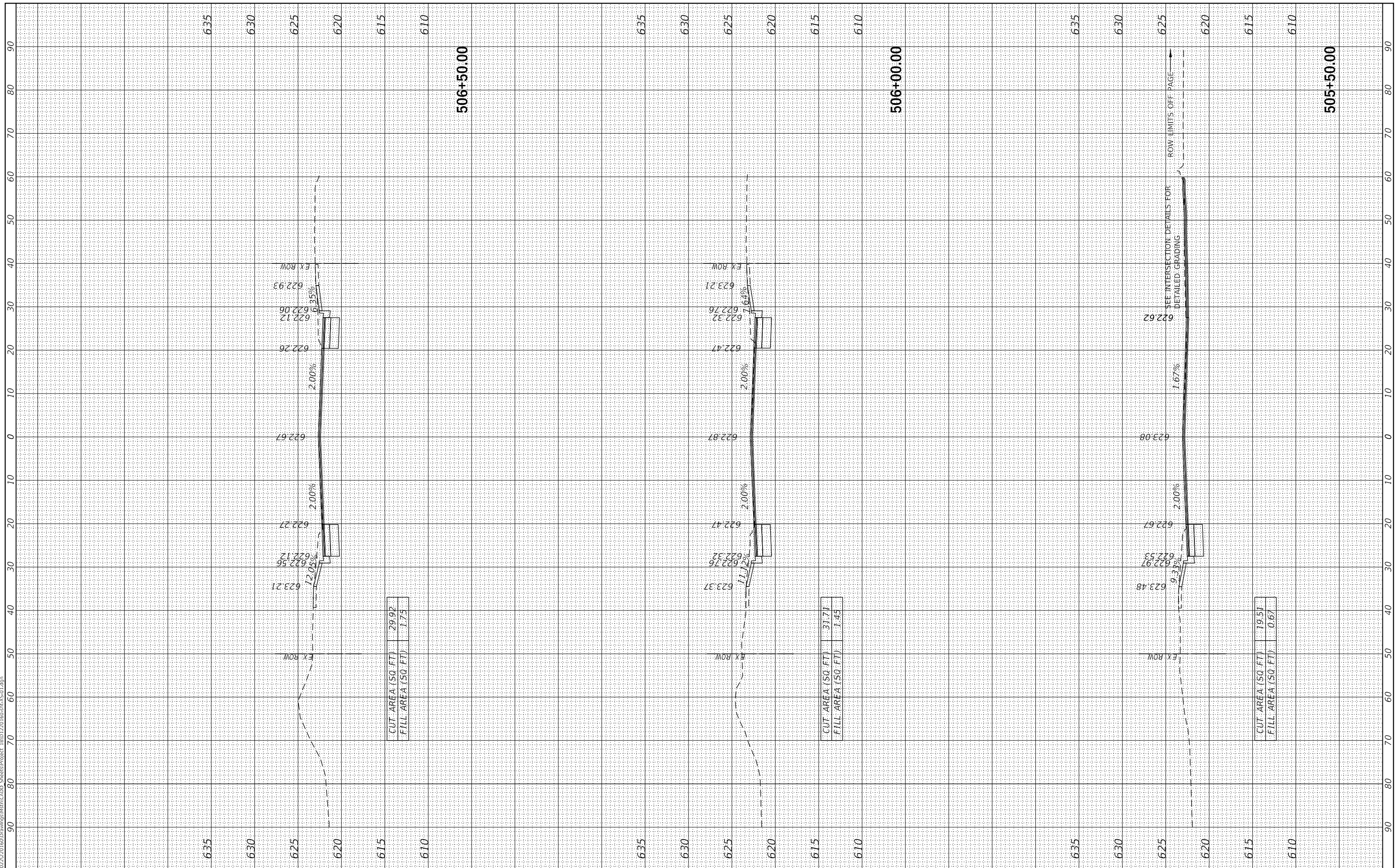
JOLIET

ILLINOIS

CROSS SECTIONS

SCALE: 1"=10' SHEET 4 OF 23 SHEETS STA. 505+50.00 TO STA. 506+50.00

F.A.U. RTE. 400	SECTION 18-00515-00-WR	COUNTY WILL	TOTAL SHEETS 115	SHEET NO. 96
CONTRACT NO. 61K81				
ILLINOIS		FED. AID PROJECT		



MODEL: Default
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V3 Companies
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 Woodridge, IL 60517
 630.724.9200 phone
 630.724.9202 fax
 www.v3co.com

USER NAME = lyanisch
PLOT SCALE = 20'
PLOT DATE = 9/17/2024

DESIGNED - CJF
DRAWN - DRP
CHECKED - MJR
DATE - 9/17/2024

REVISED -
REVISED -
REVISED -
REVISED -

JOLIET

THEODORE STREET WIDEN AND RESURFACE

ILLINOIS

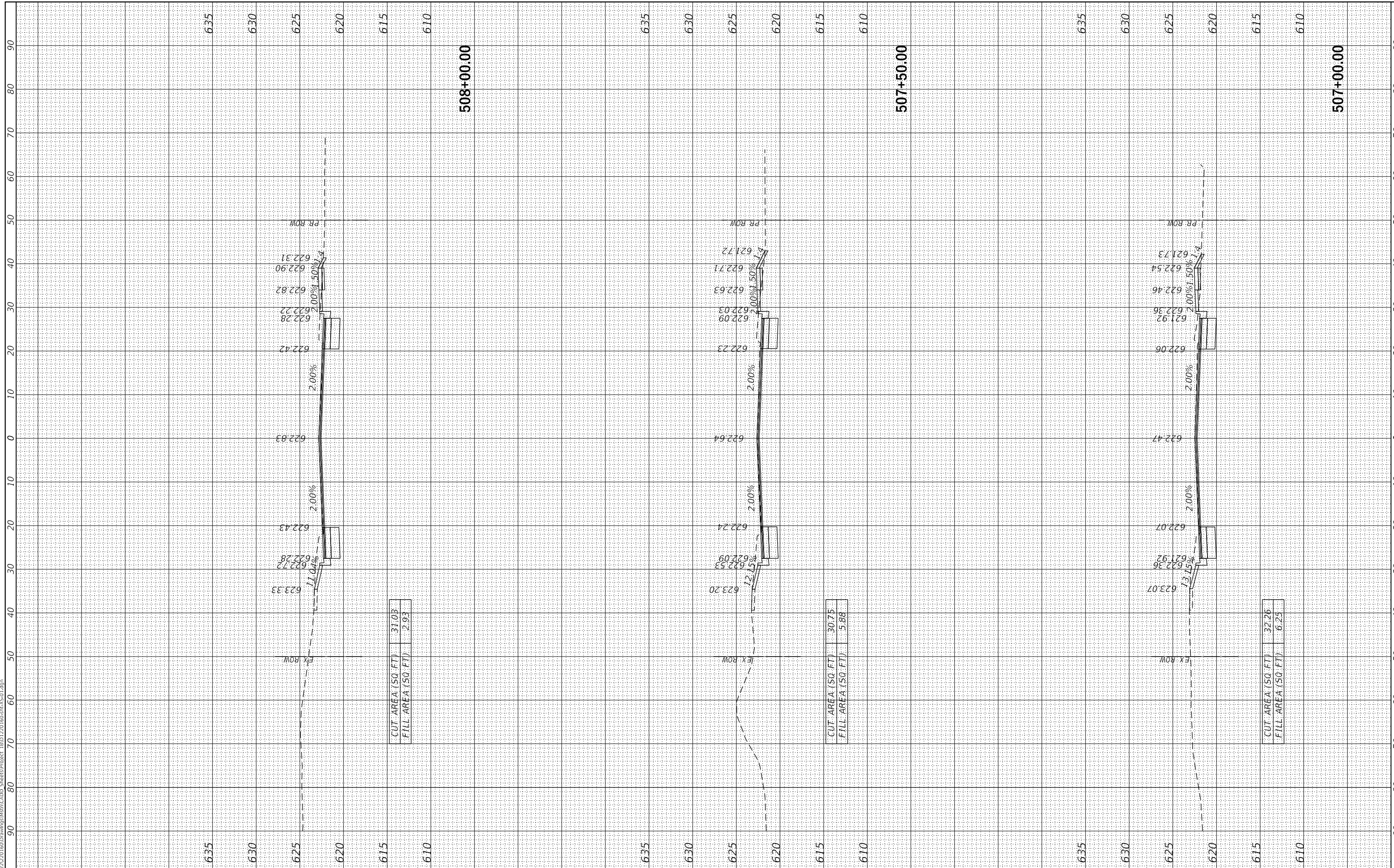
SCALE: 1"=10'

SHEET 5 OF 23 SHEETS

STA. 507+00.00 TO STA. 508+00.00

CROSS SECTIONS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
400	18-00515-00-WR	WILL	115	97
CONTRACT NO. 61K81				
ILLINOIS		FED. AID PROJECT		



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V3 Companies
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 Woodridge, IL 60517
 630.724.9200 phone
 630.724.9202 fax
 www.v3co.com

USER NAME = lyanisch
 PLOT SCALE = 20'
 PLOT DATE = 9/17/2024

DESIGNED - CJF
 DRAWN - DRP
 CHECKED - MJR
 DATE - 9/17/2024

REVISED -
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 REVISED -

THEODORE STREET WIDEN AND RESURFACE

JOLIET

ILLINOIS

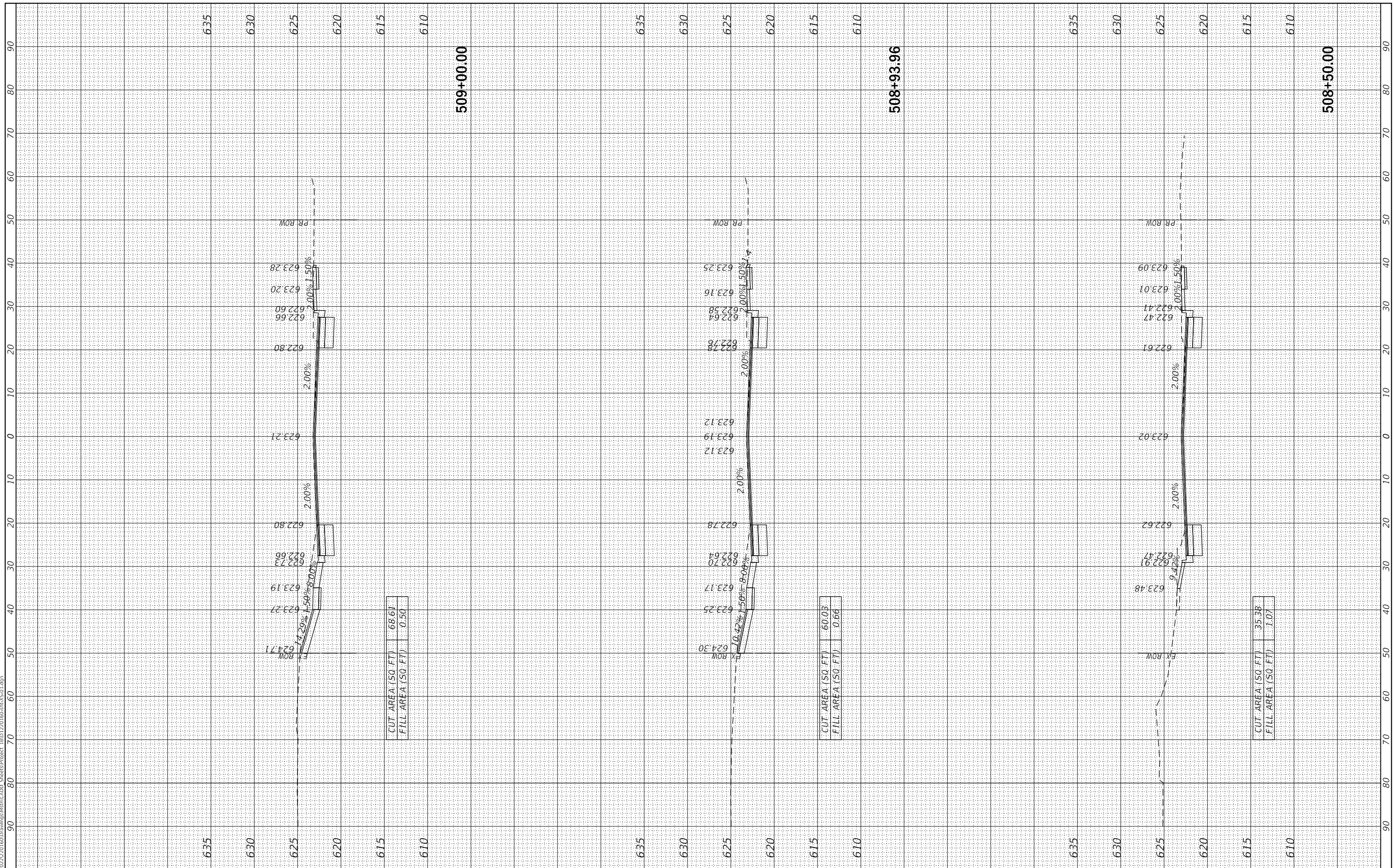
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SHEET 6 OF 23 SHEETS

STA. 508+50.00 TO STA. 509+00.00

CROSS SECTIONS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
400	18-00515-00-WR	WILL	115	98
CONTRACT NO. 61K81				
ILLINOIS		FED. AID PROJECT		



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V3 Companies
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 630.724.9202 fax
 www.v3co.com

USER NAME = lyanisch
PLOT SCALE = 20'
PLOT DATE = 9/17/2024

DESIGNED - CJF
DRAWN - DRP
CHECKED - MJR
DATE - 9/17/2024

REVISED -
REVISED -
REVISED -
REVISED -

JOLIET

THEODORE STREET WIDEN AND RESURFACE

ILLINOIS

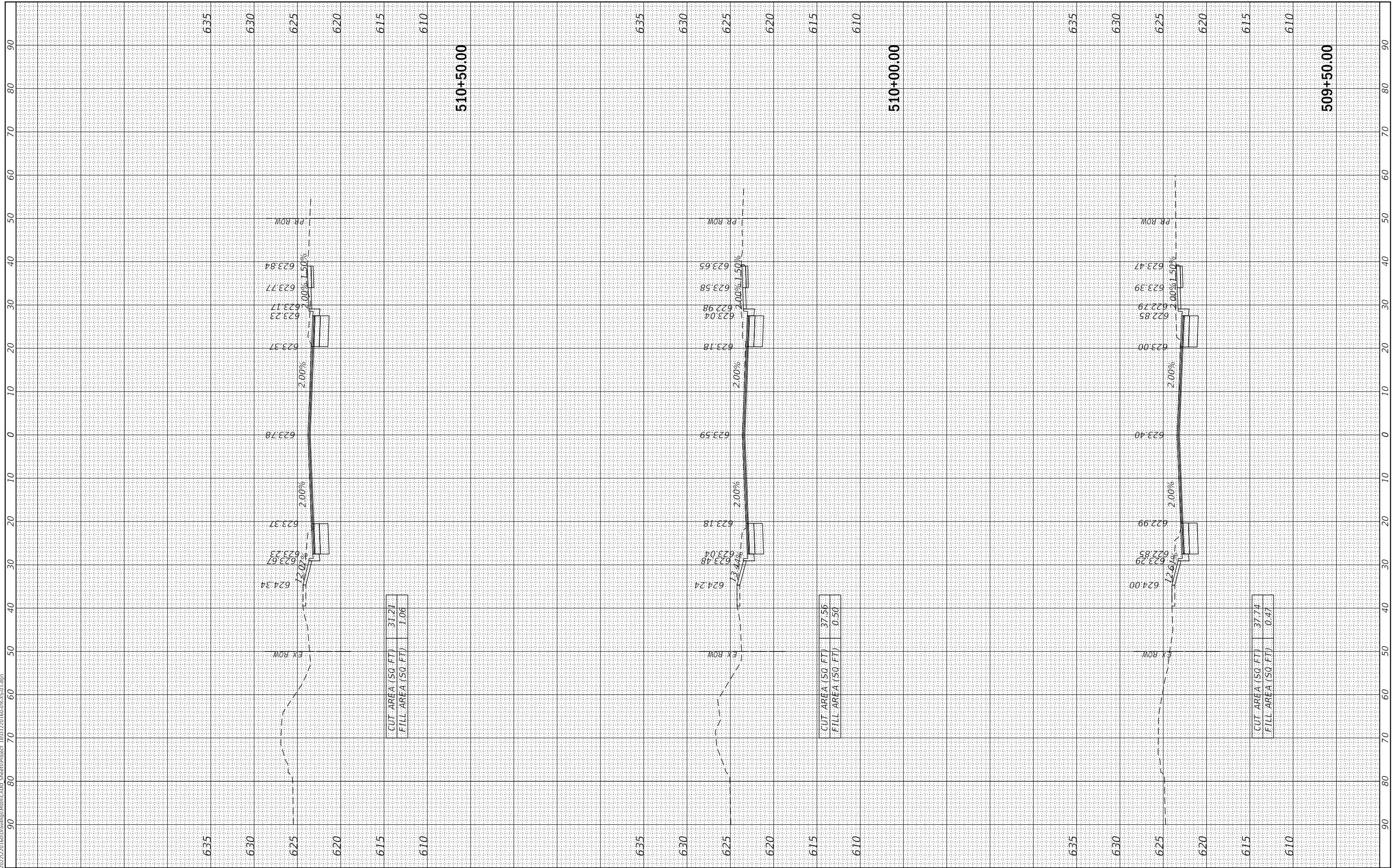
SCALE: 1"=10'

SHEET 7 OF 23 SHEETS

STA. 509+50.00 TO STA. 510+50.00

CROSS SECTIONS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
400	18-00515-00-WR	WILL	115	99
CONTRACT NO. 61K81				
ILLINOIS		FED. AID PROJECT		



MODEL: Default
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V3 Companies
 7325 Janes Avenue
 Woodridge, IL 60517
 630.724.9200 phone
 630.724.9202 fax
 www.v3co.com

USER NAME = lyanisch
PLOT SCALE = 20'
PLOT DATE = 9/17/2024

DESIGNED - CJF
DRAWN - DRP
CHECKED - MJR
DATE - 9/17/2024

REVISED -
REVISED -
REVISED -
REVISED -

JOLIET

THEODORE STREET WIDEN AND RESURFACE

ILLINOIS

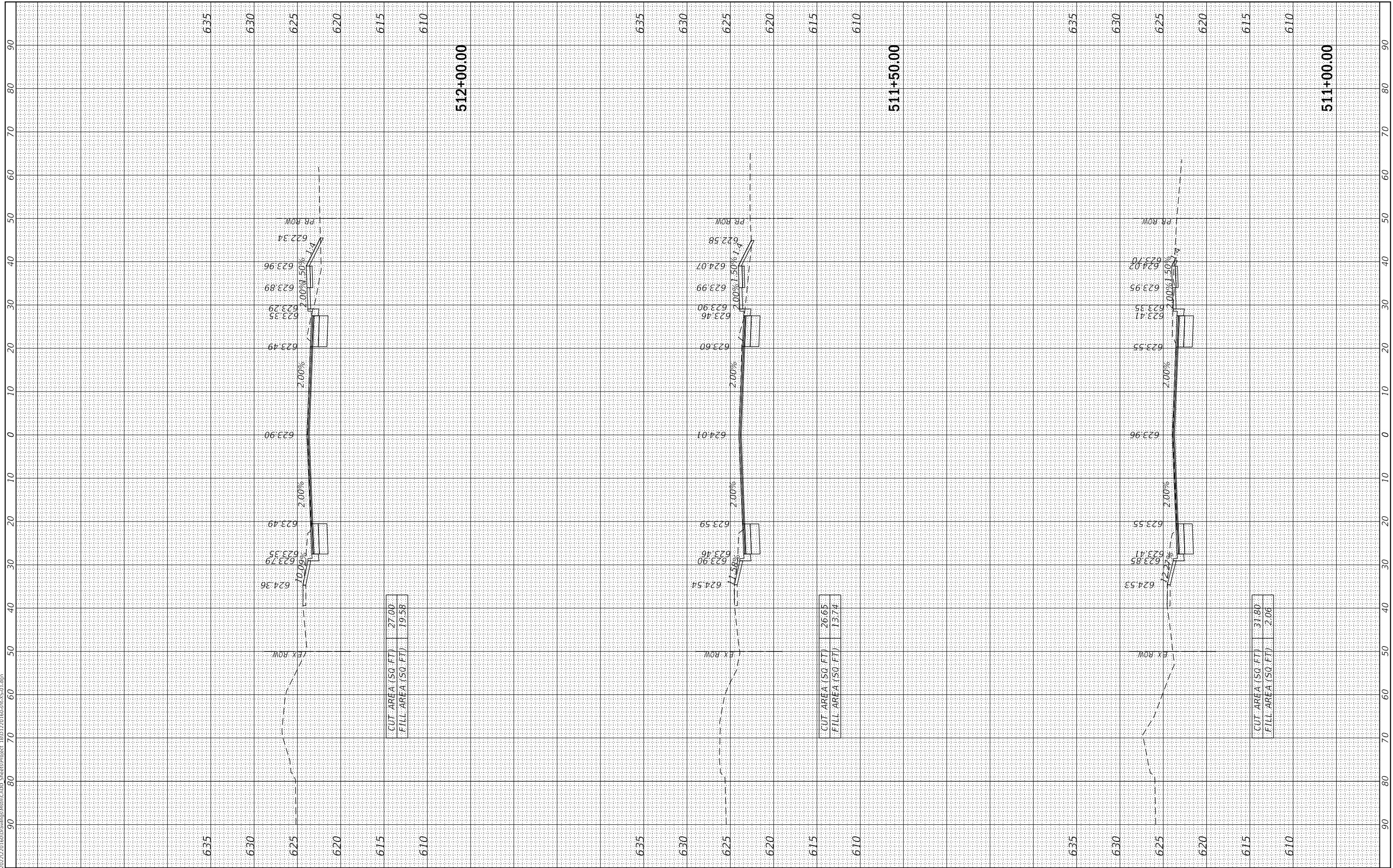
SCALE: 1"=10'

SHEET 8 OF 23 SHEETS

STA. 511+00.00 TO STA. 512+00.00

CROSS SECTIONS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
400	18-00515-00-WR	WILL	115	100
CONTRACT NO. 61K81				
ILLINOIS		FED. AID PROJECT		



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V3 Companies
 7325 Janes Avenue
 Woodridge, IL 60517
 630.724.9200 phone
 630.724.9202 fax
 www.v3co.com

USER NAME = lyanisch
PLOT SCALE = 20'
PLOT DATE = 9/17/2024

DESIGNED - CJF	REVISED -
DRAWN - DRP	REVISED -
CHECKED - MJR	REVISED -
DATE - 9/17/2024	REVISED -

THEODORE STREET WIDEN AND RESURFACE

JOLIET

ILLINOIS

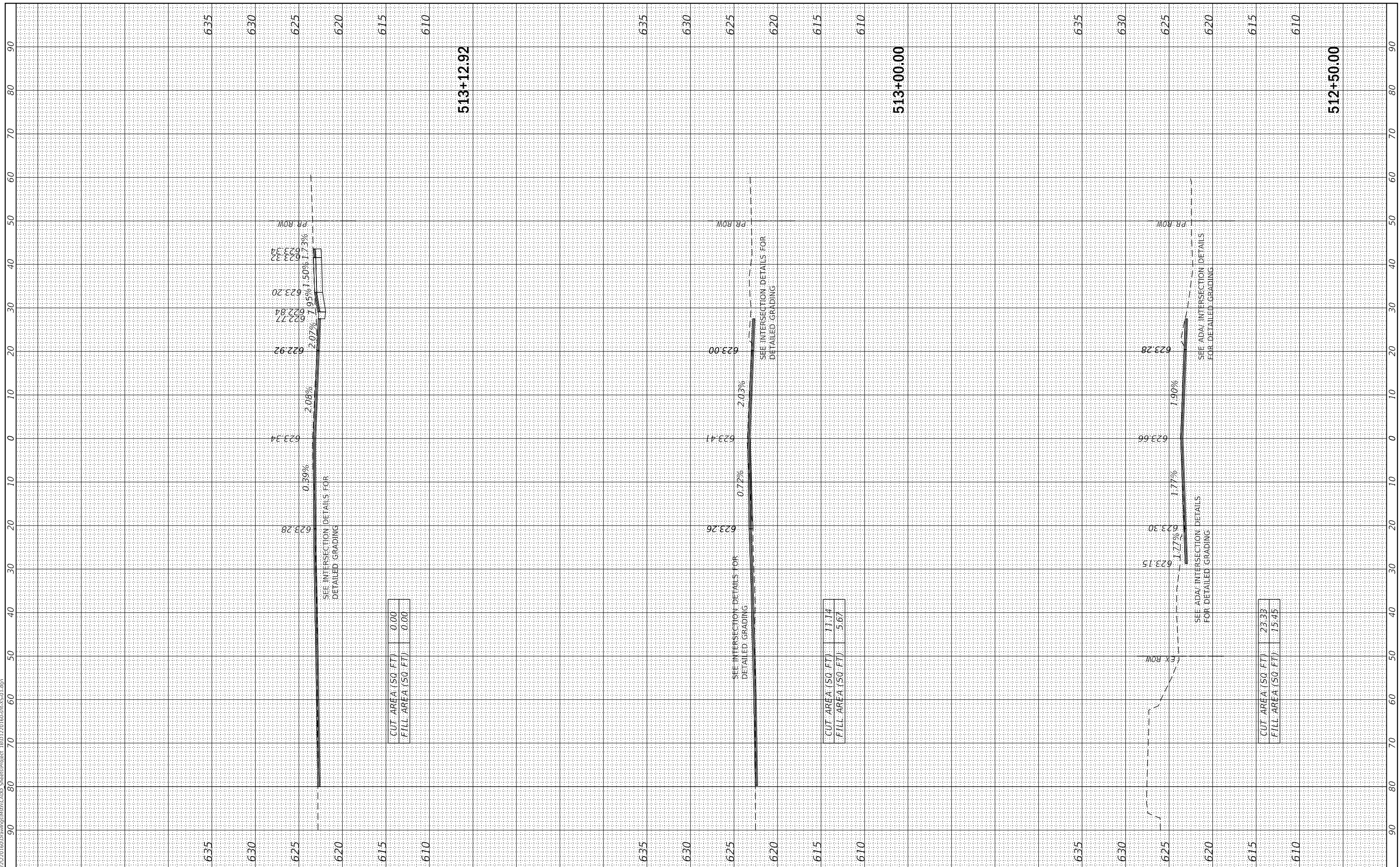
CROSS SECTIONS

SCALE: 1"=10'

SHEET 9 OF 23 SHEETS

STA. 512+50.00 TO STA. 513+12.92

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
400	18-00515-00-WR	WILL	115	101
CONTRACT NO. 61K81				
ILLINOIS FED. AID PROJECT				



MODEL: Default
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V3 Companies
 7325 Janes Avenue
 Woodridge, IL 60517
 630.724.9200 phone
 630.724.9202 fax
 www.v3co.com

USER NAME = lyanisch
 PLOT SCALE = 20'
 PLOT DATE = 9/17/2024

DESIGNED - CJF
 DRAWN - DRP
 CHECKED - MJR
 DATE - 9/17/2024

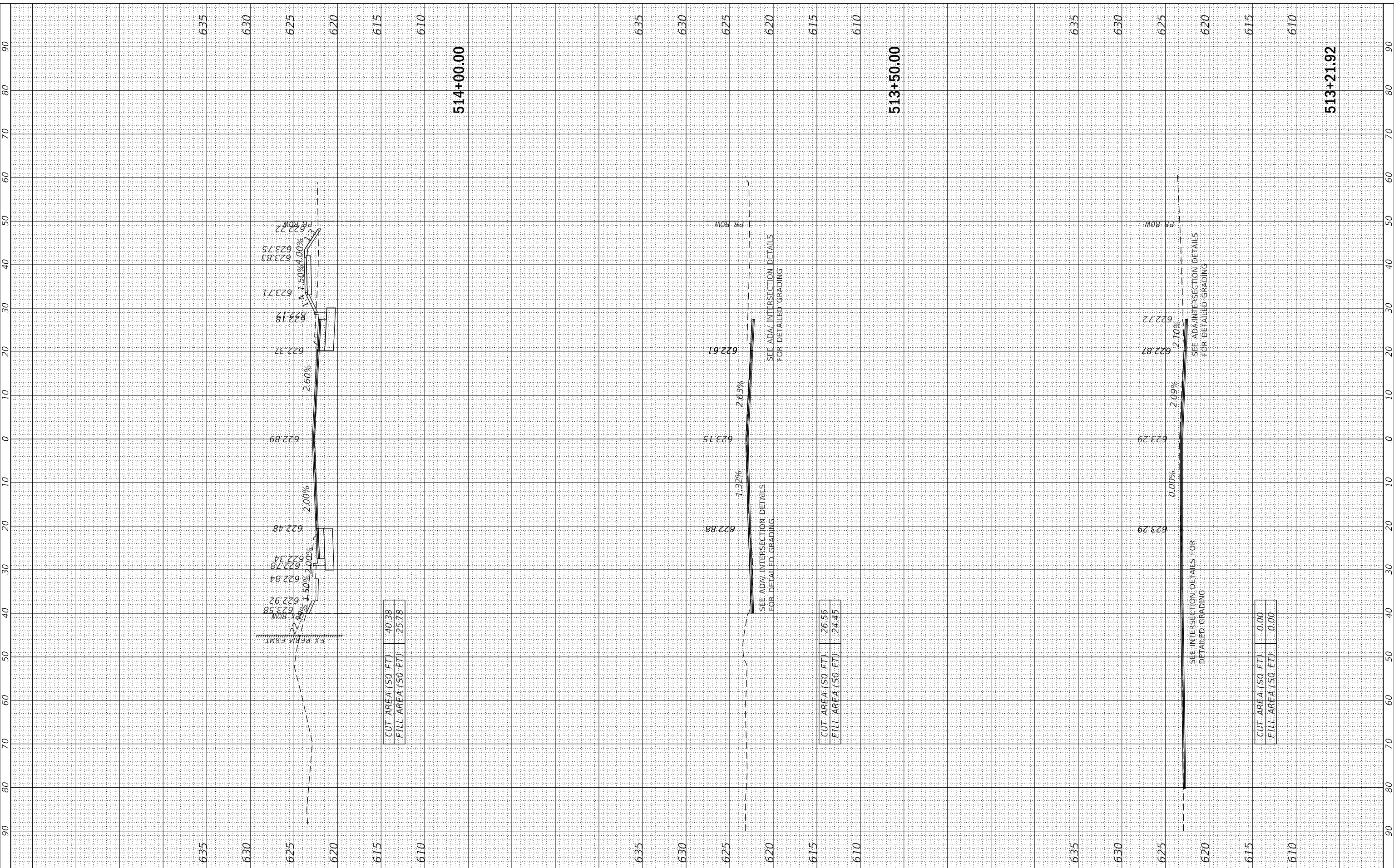
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 REVISED -

THEODORE STREET WIDEN AND RESURFACE

ILLINOIS SCALE: 1"=10'
 SHEET 10 OF 23 SHEETS
 STA. 513+21.92 TO STA. 514+00.00

CROSS SECTIONS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
400	18-00515-00-WR	WILL	115	102
CONTRACT NO. 61K81				
ILLINOIS		FED. AID PROJECT		



JOLIET

ILLINOIS

SCALE: 1"=10'

SHEET 10 OF 23 SHEETS

STA. 513+21.92 TO STA. 514+00.00

ILLINOIS FED. AID PROJECT

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V3 Companies
 7325 Janes Avenue
 Woodridge, IL 60517
 630.724.9200 phone
 630.724.9202 fax
 www.v3co.com

USER NAME = lyanisch
PLOT SCALE = 20'
PLOT DATE = 9/17/2024

DESIGNED - CJF
DRAWN - DRP
CHECKED - MJR
DATE - 9/17/2024

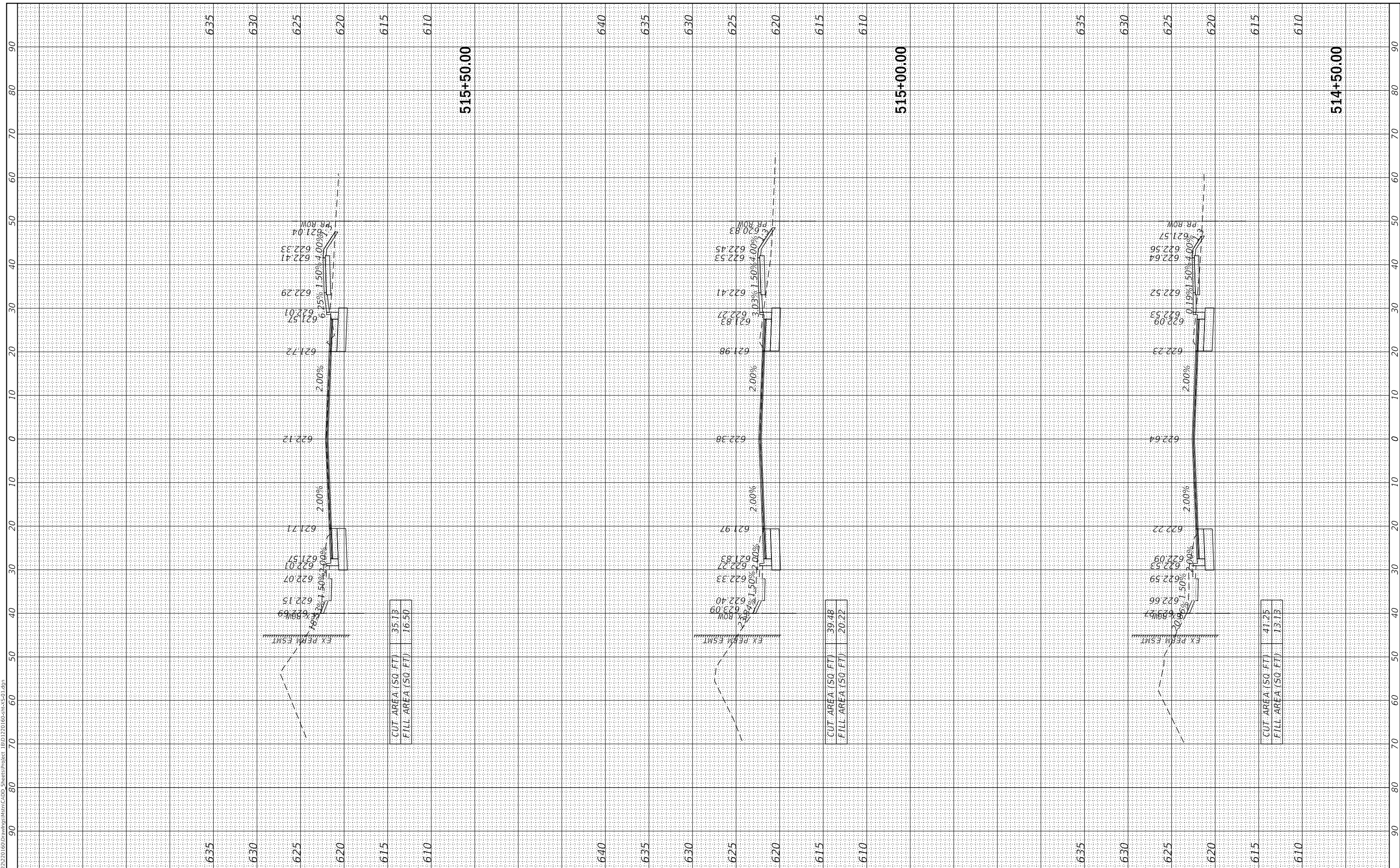
REVISED -
REVISED -
REVISED -
REVISED -

THEODORE STREET WIDEN AND RESURFACE

JOLIET	ILLINOIS	SCALE: 1"=10'	SHEET 11 OF 23 SHEETS	STA. 514+50.00 TO STA. 515+50.00
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CROSS SECTIONS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
400	18-00515-00-WR	WILL	115	103
CONTRACT NO. 61K81				
ILLINOIS FED. AID PROJECT				



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V3 Companies
 7325 Janes Avenue
 Woodridge, IL 60517
 630.724.9200 phone
 630.724.9202 fax
 www.v3co.com

USER NAME = lyanisch
PLOT SCALE = 20'
PLOT DATE = 9/17/2024

DESIGNED - CJF
DRAWN - DRP
CHECKED - MJR
DATE - 9/17/2024

REVISED -
REVISED -
REVISED -
REVISED -

JOLIET

THEODORE STREET WIDEN AND RESURFACE

ILLINOIS

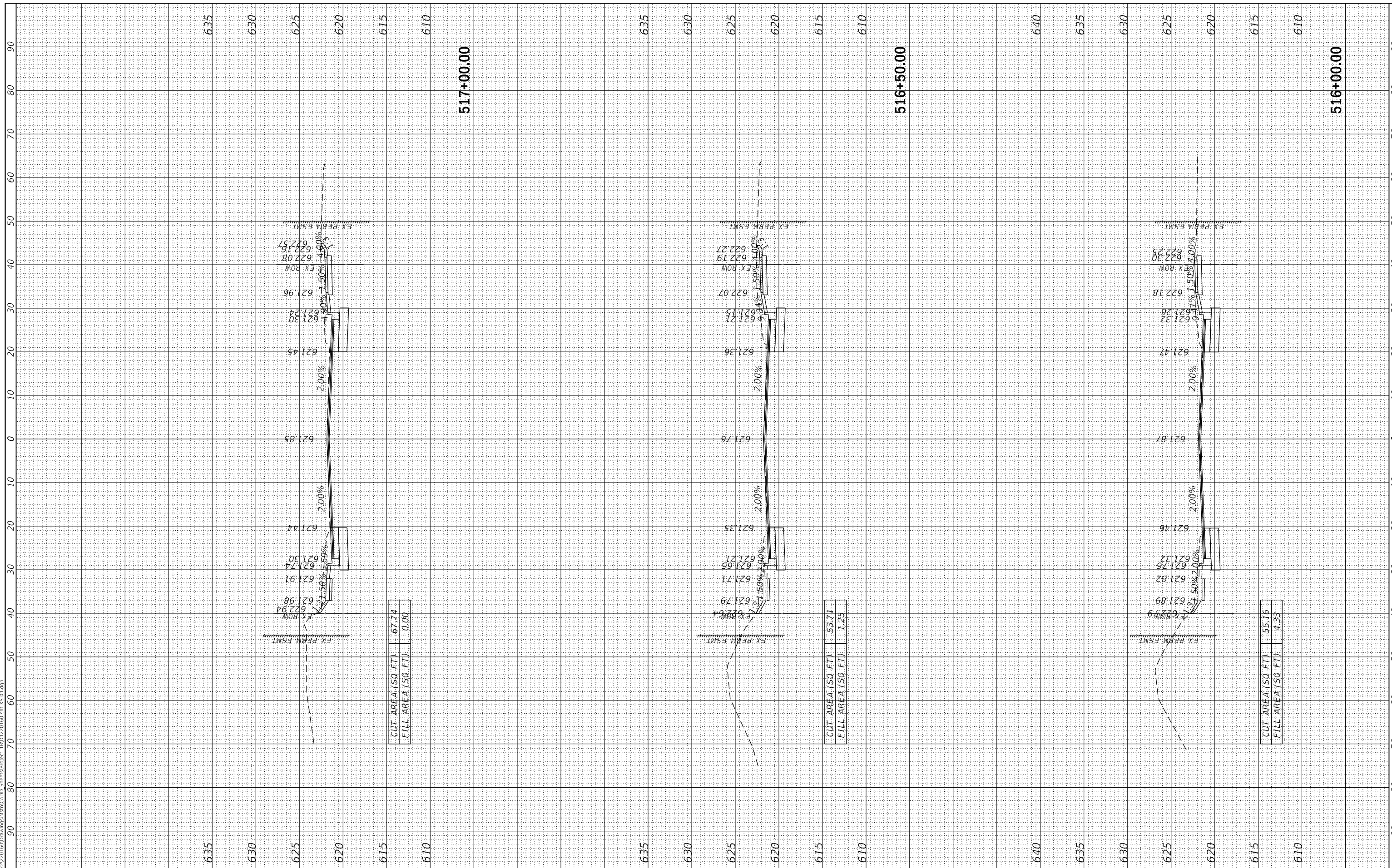
SCALE: 1"=10'

SHEET 12 OF 23 SHEETS

STA. 516+00.00 TO STA. 517+00.00

CROSS SECTIONS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
400	18-00515-00-WR	WILL	115	104
CONTRACT NO. 61K81				
ILLINOIS		FED. AID PROJECT		



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V3 Companies
 7325 Janes Avenue
 Woodridge, IL 60517
 630.724.9200 phone
 630.724.9202 fax
 www.v3co.com

USER NAME = lyanisch
PLOT SCALE = 20'
PLOT DATE = 9/17/2024

DESIGNED - CJF
DRAWN - DRP
CHECKED - MJR
DATE - 9/17/2024

REVISED -
REVISED -
REVISED -
REVISED -

JOLIET

THEODORE STREET WIDEN AND RESURFACE

ILLINOIS

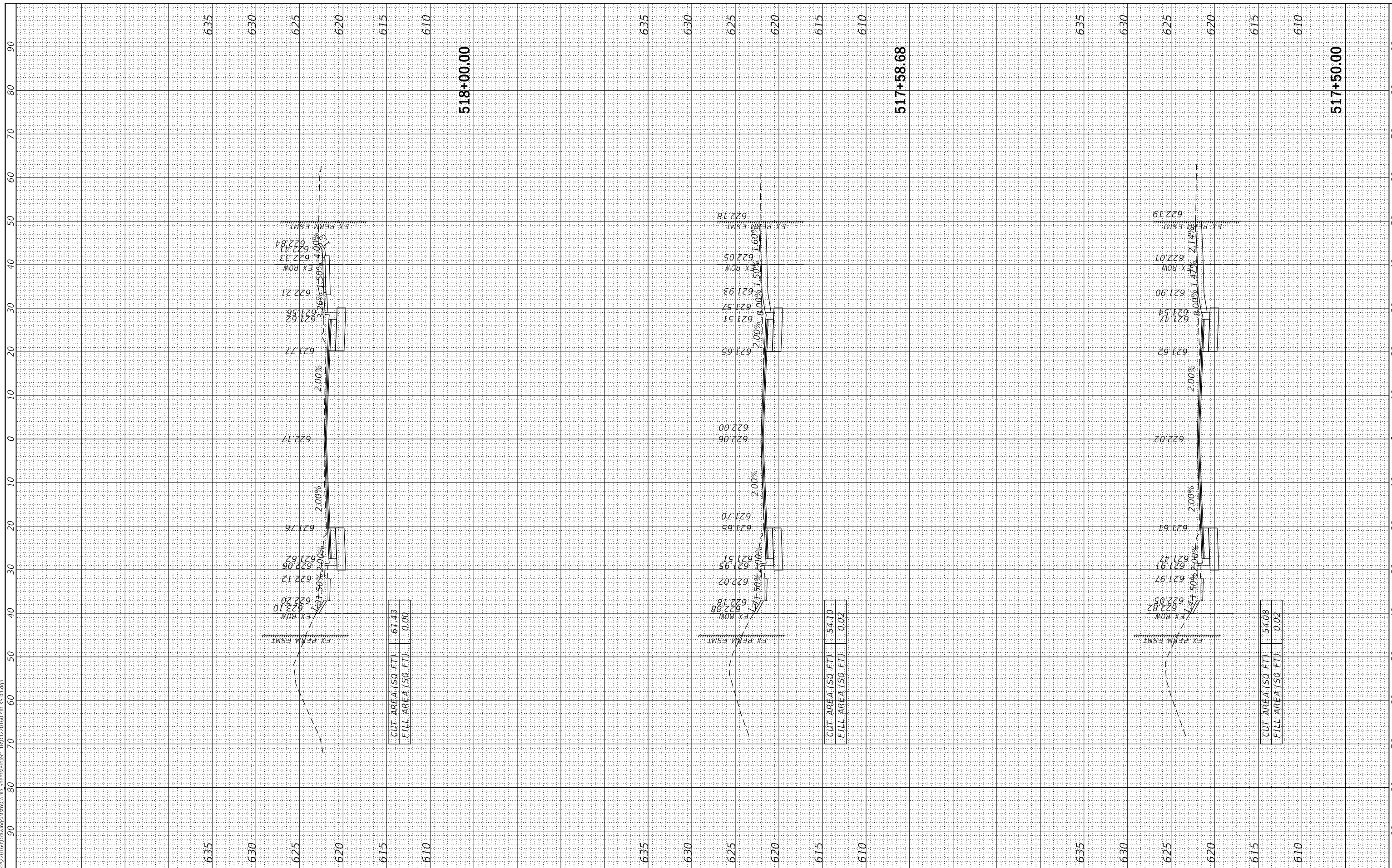
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SHEET 13 OF 23 SHEETS

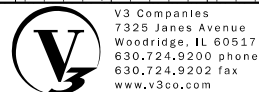
STA. 517+50.00 TO STA. 518+00.00

CROSS SECTIONS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
400	18-00515-00-WR	WILL	115	105
CONTRACT NO. 61K81				
ILLINOIS		FED. AID PROJECT		



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 630.724.9202 fax
 www.v3co.com

USER NAME = lyanisch
PLOT SCALE = 20'
PLOT DATE = 9/17/2024

DESIGNED - CJF	REVISED -
DRAWN - DRP	REVISED -
CHECKED - MJR	REVISED -
DATE - 9/17/2024	REVISED -

CUT AREA (SQ. FT)	57.89
FILL AREA (SQ. FT)	0.49

CUT AREA (SQ. FT)	57.76
FILL AREA (SQ. FT)	0.00

CUT AREA (SQ. FT)	64.84
FILL AREA (SQ. FT)	0.00

THEODORE STREET WIDEN AND RESURFACE

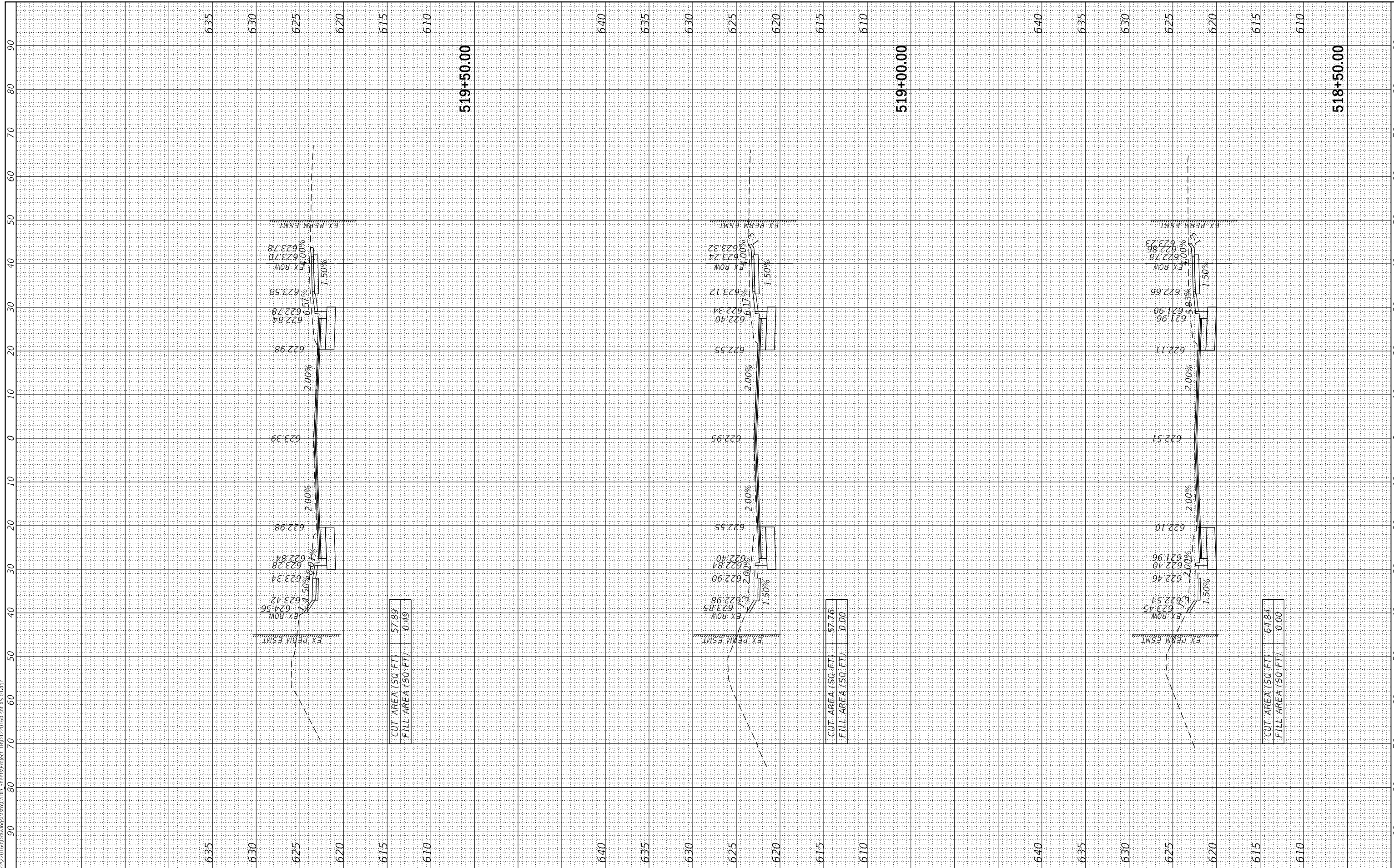
CROSS SECTIONS

JOLIET

ILLINOIS

SCALE: 1"=10' SHEET 14 OF 23 SHEETS STA. 518+50.00 TO STA. 519+50.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
400	18-00515-00-WR	WILL	115	106
CONTRACT NO. 61K81				
ILLINOIS FED. AID PROJECT				



MODEL: Default
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V3 Companies
 7325 Janes Avenue
 Woodridge, IL 60517
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 630.724.9202 fax
 www.v3co.com

USER NAME = lyanisch
PLOT SCALE = 20'
PLOT DATE = 9/17/2024

DESIGNED - CJF
DRAWN - DRP
CHECKED - MJR
DATE = 9/17/2024

REVISED -
REVISED -
REVISED -
REVISED -

THEODORE STREET WIDEN AND RESURFACE

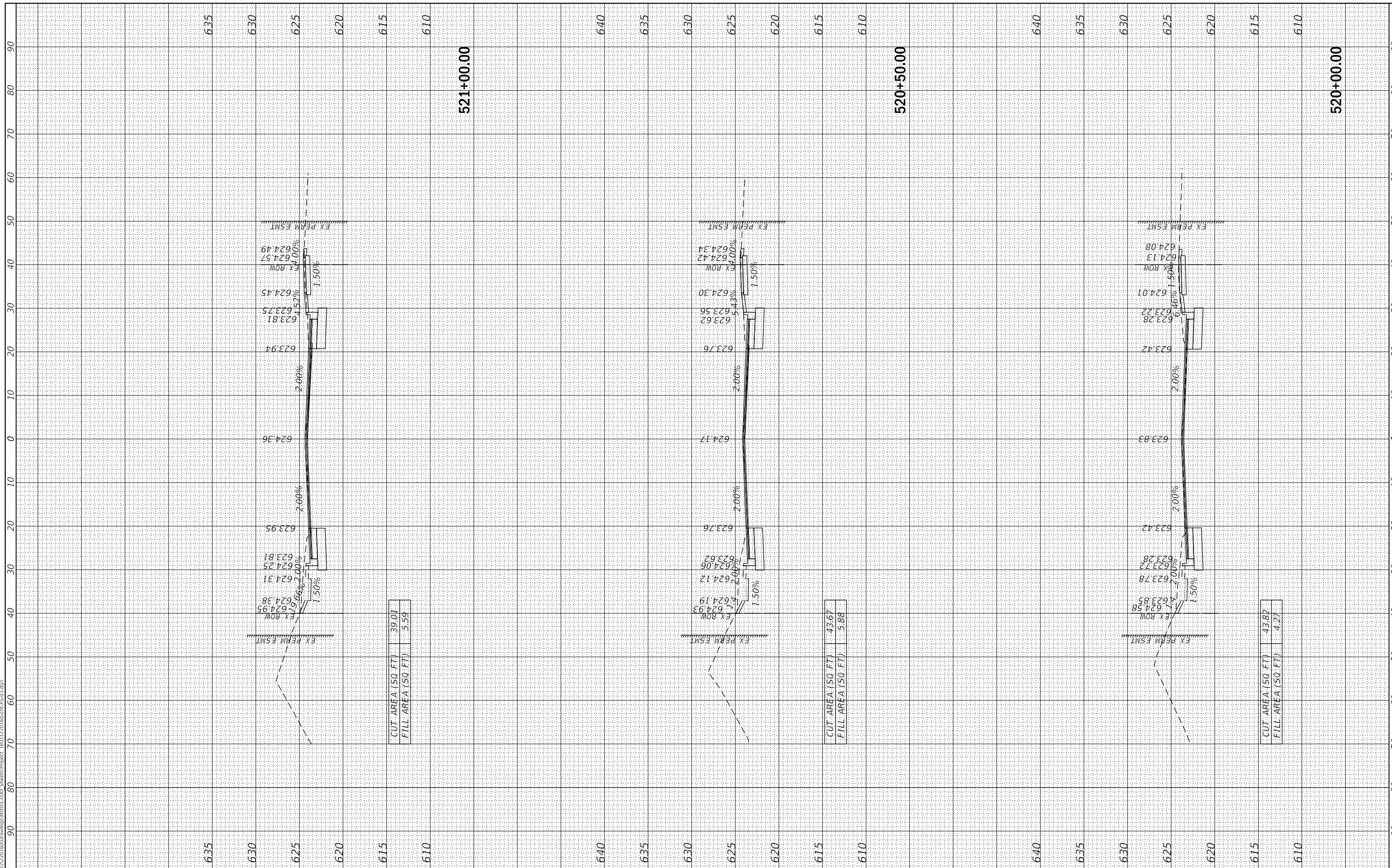
JOLIET

ILLINOIS

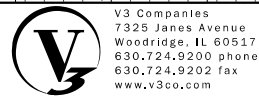
CROSS SECTIONS

SCALE: 1"=10' SHEET 15 OF 23 SHEETS STA. 520+00.00 TO STA. 521+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
400	18-00515-00-WR	WILL	115	107
CONTRACT NO. 61K81				
ILLINOIS FED. AID PROJECT				



MODEL: Default
 FILE NAME: I:\2022\220160\Drawings\Ment\CADD_Sheets\Project_IBID\220160-mt-VS01.dgn



V3 Companies
 7325 Janes Avenue
 Woodridge, IL 60517
 630.724.9200 phone
 630.724.9202 fax
 www.v3co.com

USER NAME = lyanisch
PLOT SCALE = 20'
PLOT DATE = 9/17/2024

DESIGNED - CJF	REVISED -
DRAWN - DRP	REVISED -
CHECKED - MJR	REVISED -
DATE - 9/17/2024	REVISED -

JOLIET

THEODORE STREET WIDEN AND RESURFACE

ILLINOIS

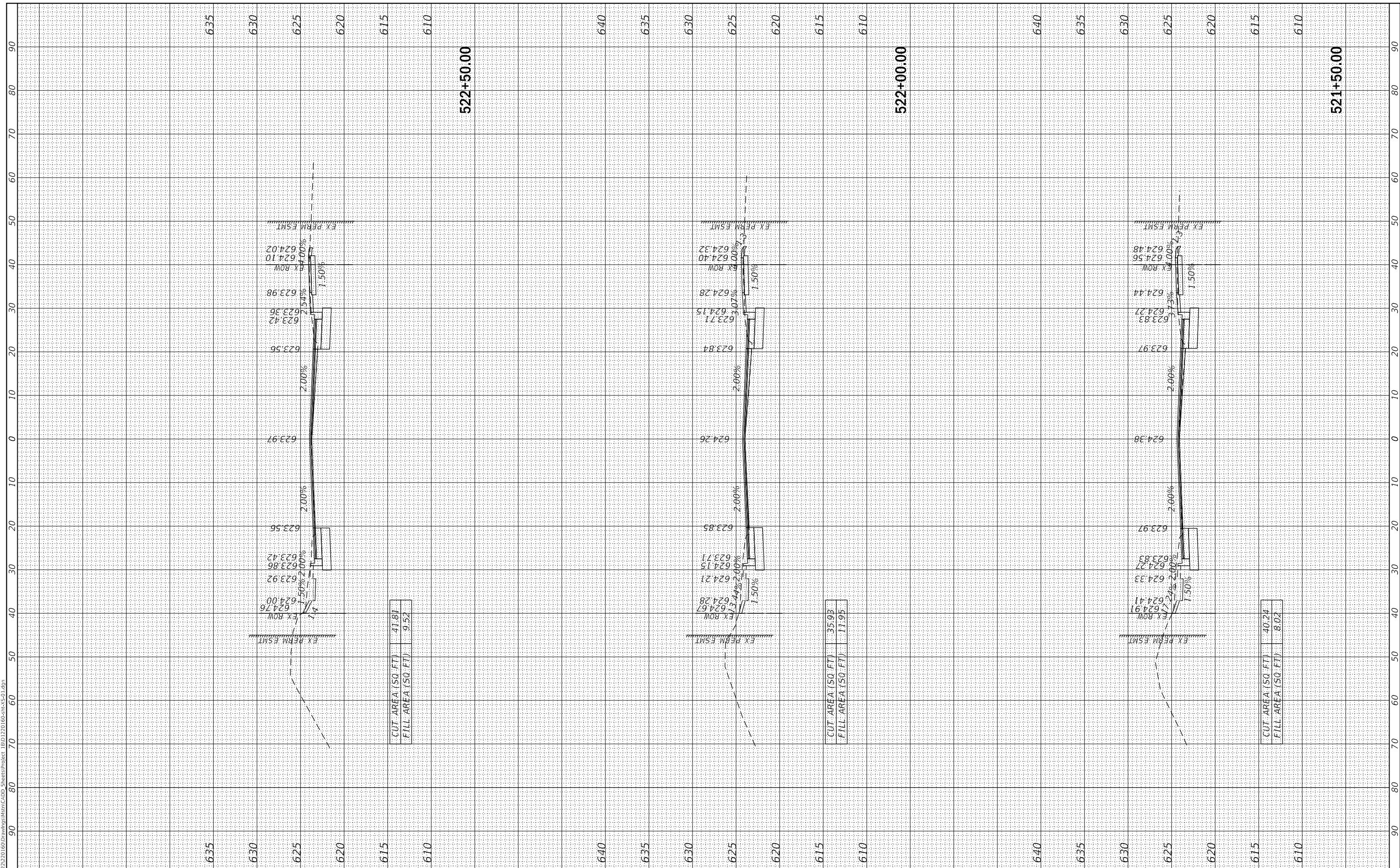
SCALE: 1"=10'

SHEET 16 OF 23 SHEETS

STA. 521+50.00 TO STA. 522+50.00

CROSS SECTIONS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
400	18-00515-00-WR	WILL	115	108
CONTRACT NO. 61K81				
ILLINOIS FED. AID PROJECT				



MODEL: Default
 FILE NAME: I:\2022\220160\Drawings\Ment\CA00_Sheets\Project_IBD1220160-mc-VS01.dgn



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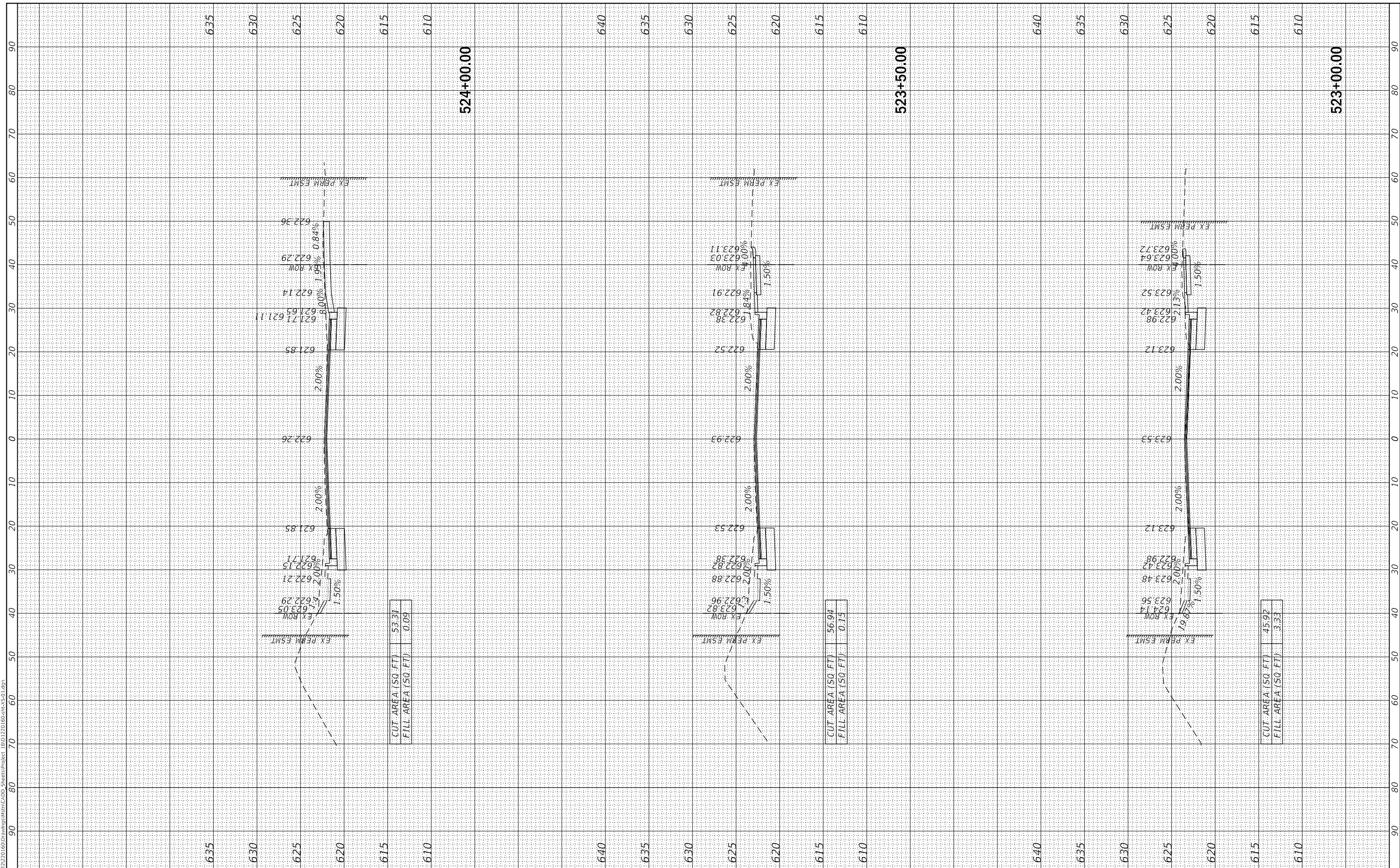
REVISED -
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 REVISED -

THEODORE STREET WIDEN AND RESURFACE
 JOLIET ILLINOIS

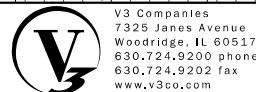
SCALE: 1"=10'
 SHEET 17 OF 23 SHEETS
 STA. 523+00.00 TO STA. 524+00.00

CROSS SECTIONS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
400	18-00515-00-WR	WILL	115	109
CONTRACT NO. 61K81				
ILLINOIS		FED. AID PROJECT		



MODEL: Default
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V3 Companies
 7325 Janes Avenue
 Woodridge, IL 60517
 630.724.9200 phone
 630.724.9202 fax
 www.v3co.com

USER NAME = lyanisch
PLOT SCALE = 20'
PLOT DATE = 9/17/2024

DESIGNED - CJF
DRAWN - DRP
CHECKED - MJR
DATE - 9/17/2024

REVISED -
REVISED -
REVISED -
REVISED -

JOLIET

THEODORE STREET WIDEN AND RESURFACE

ILLINOIS

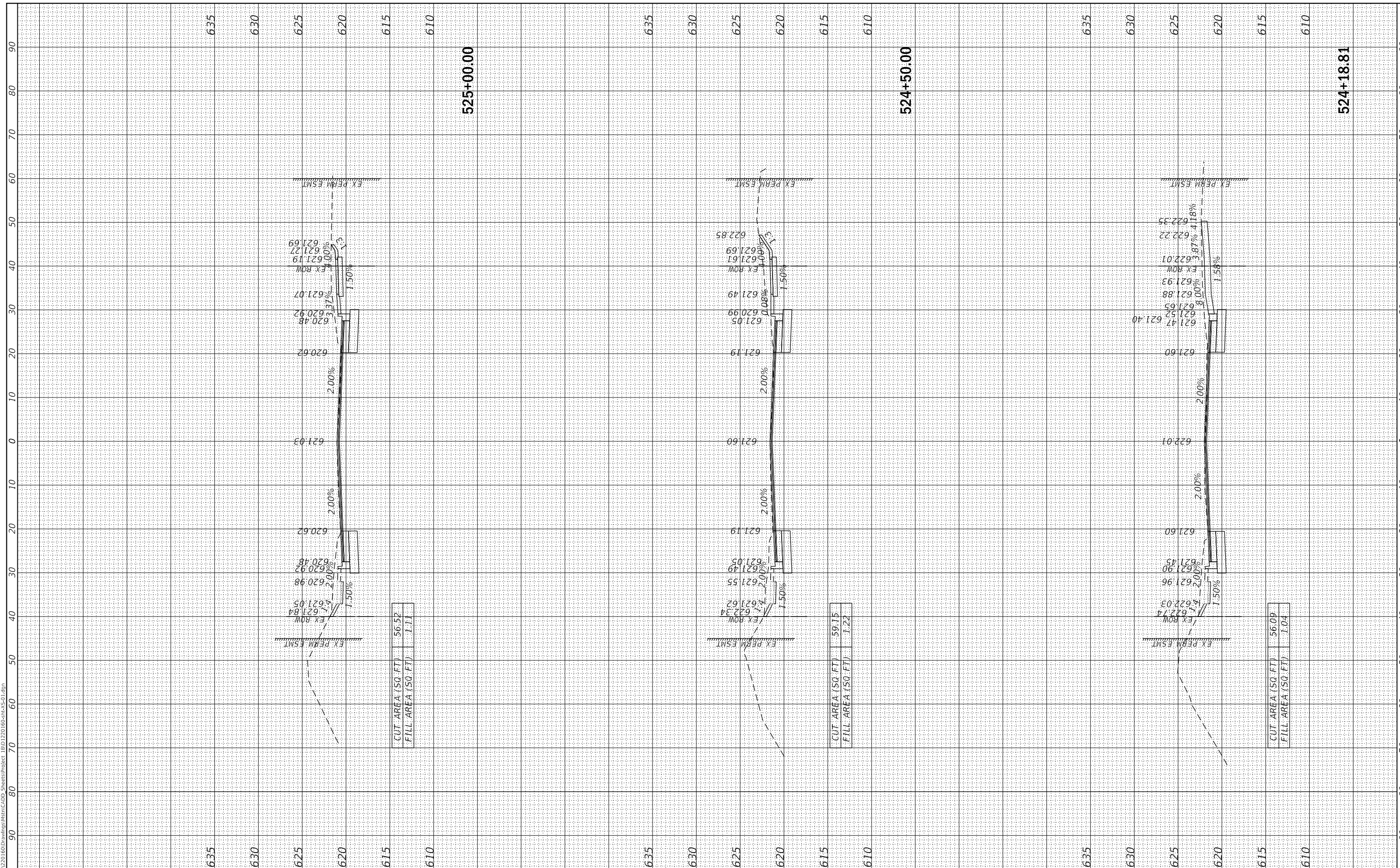
SCALE: 1"=10'

SHEET 18 OF 23 SHEETS

STA. 524+18.81 TO STA. 525+00.00

CROSS SECTIONS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
400	18-00515-00-WR	WILL	115	110
CONTRACT NO. 61K81				
		ILLINOIS	FED. AID PROJECT	



MODEL: Default
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V3 Companies
 7325 Janes Avenue
 Woodridge, IL 60517
 630.724.9200 phone
 630.724.9202 fax
 www.v3co.com

USER NAME = lyanisch
PLOT SCALE = 20'
PLOT DATE = 9/17/2024

DESIGNED - CJF	REVISED -
DRAWN - DRP	REVISED -
CHECKED - MJR	REVISED -
DATE - 9/17/2024	REVISED -

THEODORE STREET WIDEN AND RESURFACE

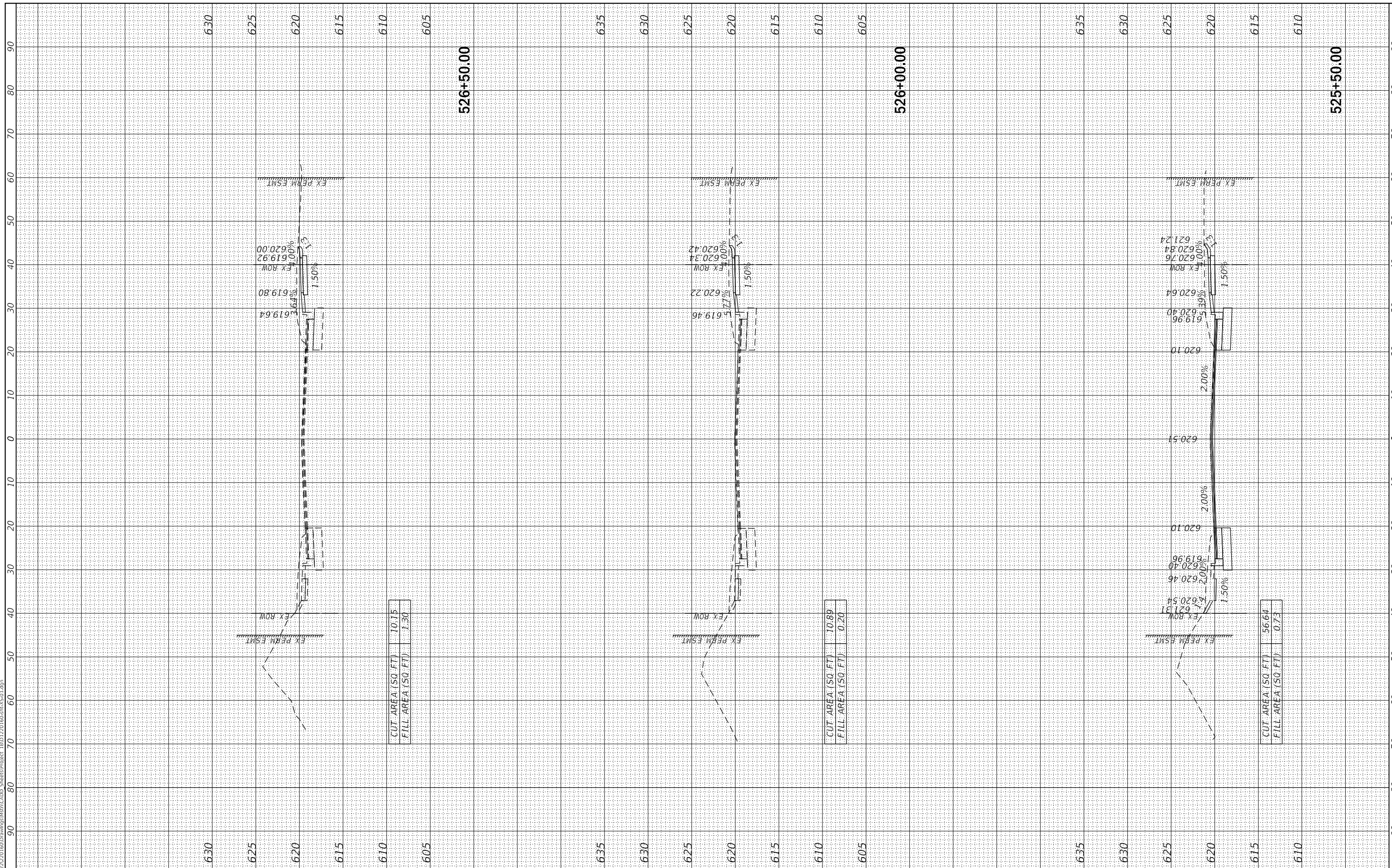
JOLIET

ILLINOIS

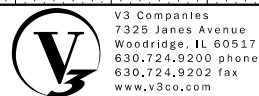
CROSS SECTIONS

SCALE: 1"=10' SHEET 19 OF 23 SHEETS STA. 525+50.00 TO STA. 526+50.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
400	18-00515-00-WR	WILL	115	111
CONTRACT NO. 61K81				
ILLINOIS FED. AID PROJECT				



MODEL: Default
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V3 Companies
 7325 Janes Avenue
 Woodridge, IL 60517
 630.724.9200 phone
 630.724.9202 fax
 www.v3co.com

USER NAME = lyanisch
PLOT SCALE = 20'
PLOT DATE = 9/17/2024

DESIGNED - CJF	REVISED -
DRAWN - DRP	REVISED -
CHECKED - MJR	REVISED -
DATE - 9/17/2024	REVISED -

CUT AREA (SQ. FT)	12.34
FILL AREA (SQ. FT)	0.00

CUT AREA (SQ. FT)	10.58
FILL AREA (SQ. FT)	0.38

CUT AREA (SQ. FT)	11.29
FILL AREA (SQ. FT)	0.28

THEODORE STREET WIDEN AND RESURFACE

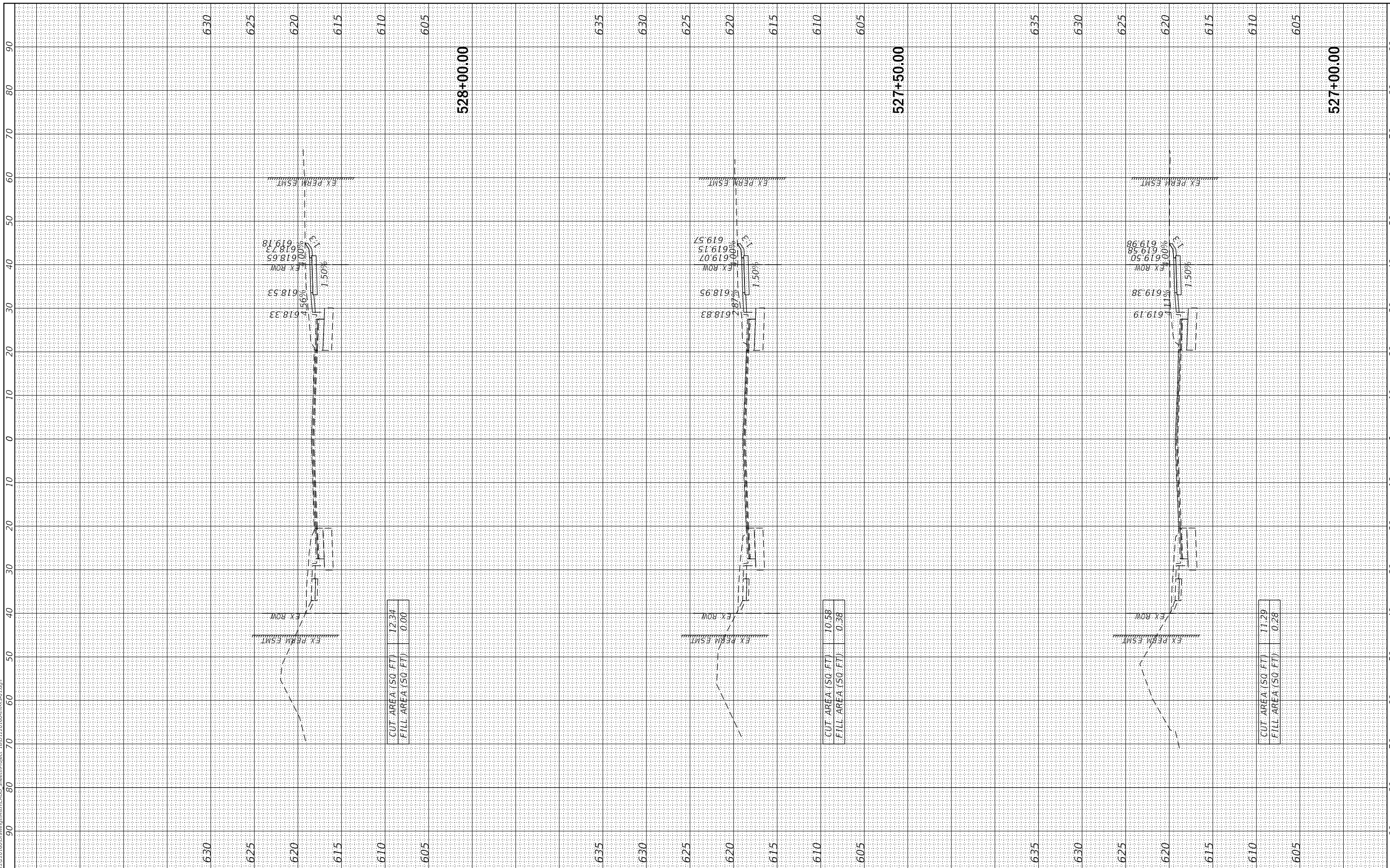
CROSS SECTIONS

JOLIET

ILLINOIS SCALE: 1"=10'

SHEET 20 OF 23 SHEETS STA. 527+00.00 TO STA. 528+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
400	18-00515-00-WR	WILL	115	112
CONTRACT NO. 61K81				
ILLINOIS FED. AID PROJECT				



MODEL: Default
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V3 Companies
 7325 Janes Avenue
 Woodridge, IL 60517
 630.724.9200 phone
 630.724.9202 fax
 www.v3co.com

USER NAME = lyanisch
PLOT SCALE = 20'
PLOT DATE = 9/17/2024

DESIGNED - CJF
DRAWN - DRP
CHECKED - MJR
DATE - 9/17/2024

REVISED -
REVISED -
REVISED -
REVISED -

JOLIET

THEODORE STREET WIDEN AND RESURFACE

ILLINOIS

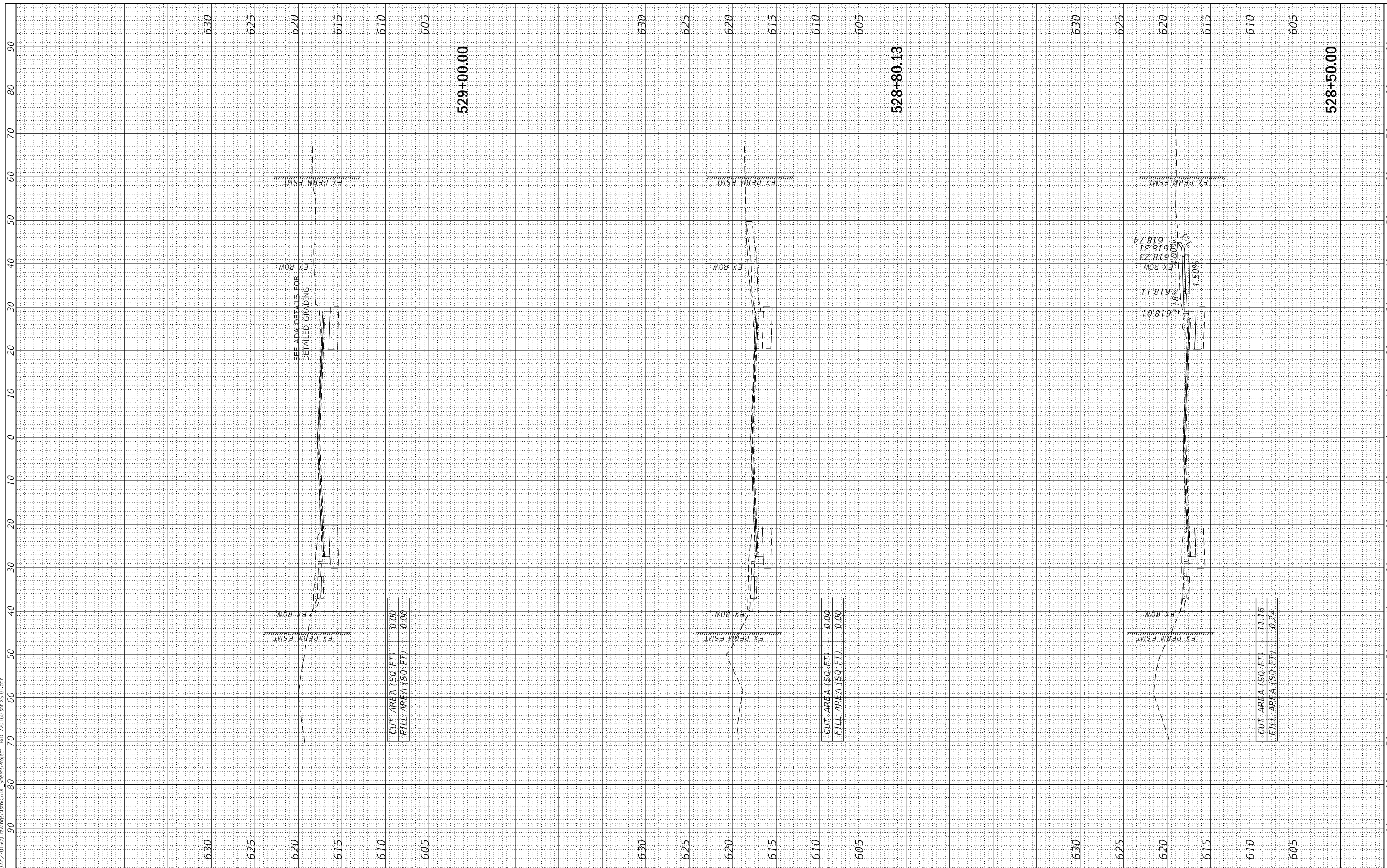
SCALE: 1"=10'

SHEET 21 OF 23 SHEETS

STA. 528+50.00 TO STA. 529+00.00

CROSS SECTIONS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
400	18-00515-00-WR	WILL	115	113
CONTRACT NO. 61K81				
ILLINOIS FED. AID PROJECT				



SEE ADA DETAILS FOR
 DETAILED GRADING

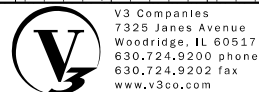
CUT AREA (SQ. FT.)	0.00
FILL AREA (SQ. FT.)	0.00

CUT AREA (SQ. FT.)	0.00
FILL AREA (SQ. FT.)	0.00

CUT AREA (SQ. FT.)	11.16
FILL AREA (SQ. FT.)	0.24

618.01
 618.11
 618.23
 618.31
 618.74
 2.18%
 1.50%
 0.00%

MODEL: Default
 FILE NAME: I:\2022\220160\Drawings\Ment\CA00_Sheets\Project_IBD1220160-mc-VS-01.dgn



V3 Companies
 7325 Janes Avenue
 Woodridge, IL 60517
 630.724.9200 phone
 630.724.9202 fax
 www.v3co.com

USER NAME = lyanisch
PLOT SCALE = 20'
PLOT DATE = 9/17/2024

DESIGNED - CJF	REVISED -
DRAWN - DRP	REVISED -
CHECKED - MJR	REVISED -
DATE - 9/17/2024	REVISED -

CUT AREA (SQ. FT)	4.44
FILL AREA (SQ. FT)	0.38

CUT AREA (SQ. FT)	6.89
FILL AREA (SQ. FT)	0.01

CUT AREA (SQ. FT)	9.29
FILL AREA (SQ. FT)	0.00

THEODORE STREET WIDEN AND RESURFACE

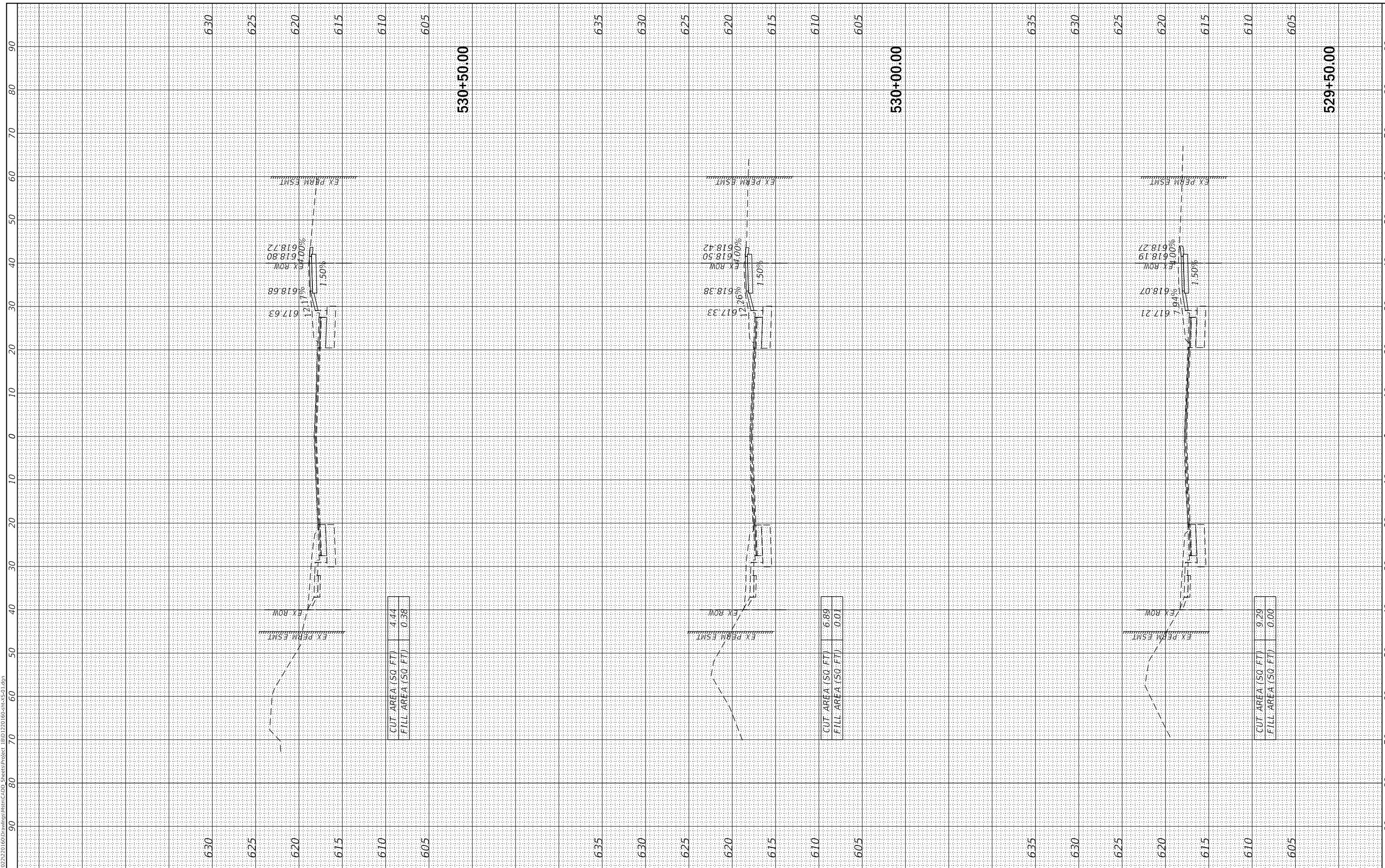
CROSS SECTIONS

JOLIET

ILLINOIS SCALE: 1"=10'

SHEET 22 OF 23 SHEETS STA. 529+50.00 TO STA. 530+50.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
400	18-00515-00-WR	WILL	115	114
CONTRACT NO. 61K81				
ILLINOIS FED. AID PROJECT				



MODEL: Default
 FILE NAME: N:\2022\220160\Drawings\Mentor\CADD_Sheets\Project_IBD1220160-ent-V3-01.dgn



V3 Companies
 7325 Janes Avenue
 Woodridge, IL 60517
 630.724.9200 phone
 630.724.9202 fax
 www.v3co.com

USER NAME = lyanisch
 PLOT SCALE = 20'
 PLOT DATE = 9/17/2024

DESIGNED - CJF
 DRAWN - DRP
 CHECKED - MJR
 DATE - 9/17/2024

REVISED -
 REVISED -
 REVISED -
 REVISED -

THEODORE STREET WIDEN AND RESURFACE

JOLIET

ILLINOIS

CROSS SECTIONS

SCALE: 1"=10' SHEET 23 OF 23 SHEETS STA. 531+00.00 TO STA. 531+50.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
400	18-00515-00-WR	WILL	115	115
CONTRACT NO. 61K81				
		ILLINOIS	FED. AID PROJECT	

