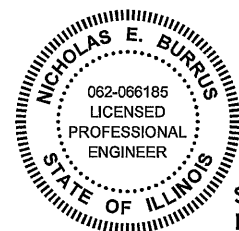
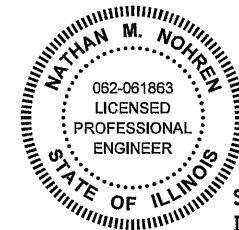


F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7159	19-000314-00-PV	CHAMPAIGN	197	1
ILLINOIS			CONTRACT NO. 91642	

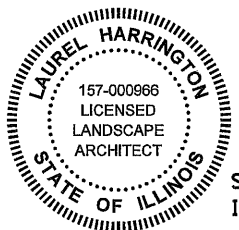


01-16-2026 LETTING ITEM 214

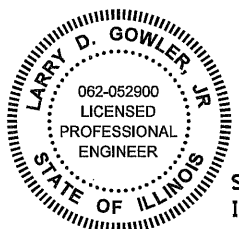
SIGNED: *Nicholas E. Burrus*
 ILLINOIS PROFESSIONAL ENGINEER NO. 062-066185
 LICENSE EXPIRES: 11-30-2025
 (SHEETS 1-79; 111-116; 126-197)



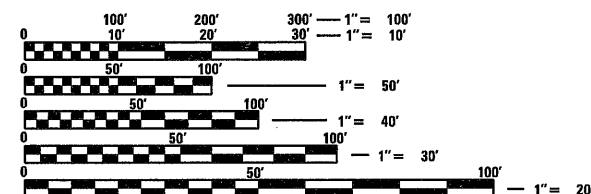
SIGNED: *Nathan M. Nohren*
 ILLINOIS PROFESSIONAL ENGINEER NO. 062-061863
 LICENSE EXPIRES: 11-30-2025
 (SHEETS 80-105)



SIGNED: *Laurel Harrington*
 ILLINOIS LANDSCAPE ARCHITECT NO. 157-000966
 LICENSE EXPIRES: 08-31-2027
 (SHEETS 106-110)



SIGNED: *Larry D. Gowler, Jr.*
 ILLINOIS PROFESSIONAL ENGINEER NO. 062-052900
 LICENSE EXPIRES: 11-30-2025
 (SHEETS 117-125)



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

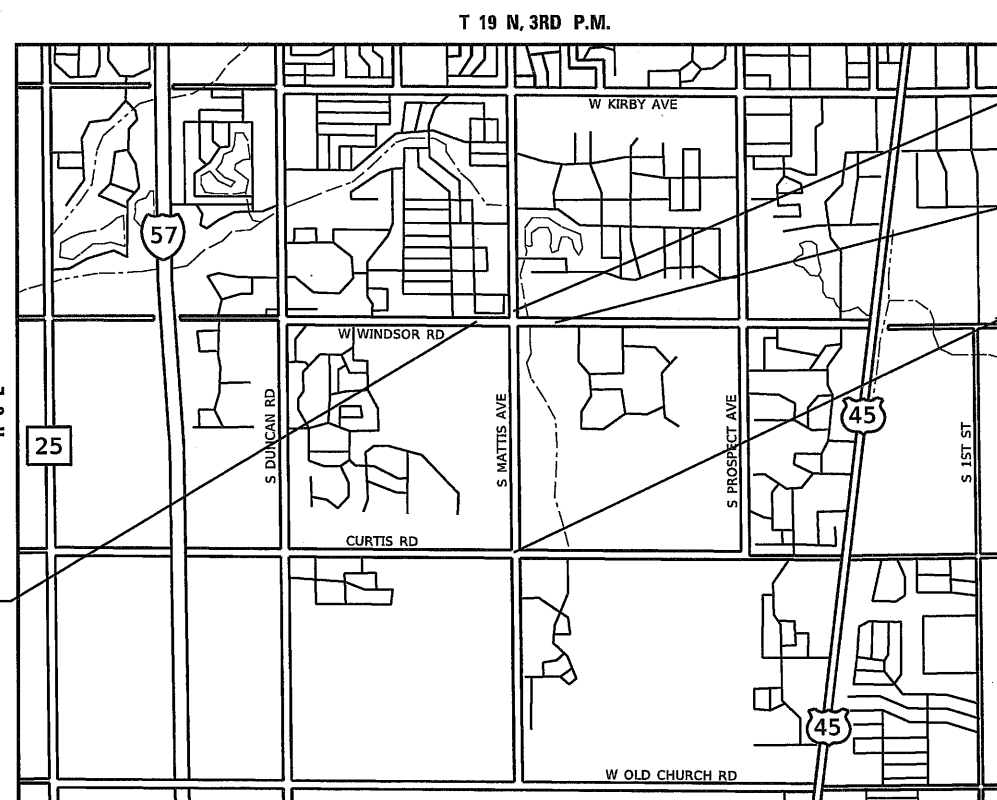
J.U.L.I.E.
 JOINT UTILITY LOCATION INFORMATION FOR EXCAVATORS
 1-800-892-0123
 OR 811

CONTRACT NO. 91642

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

PROPOSED HIGHWAY PLANS

FUNDING: STPU / STBGP AND CIF
 FAU ROUTE 7159 (SOUTH MATTIS AVE)
 SECTION 19-00314-00-PV
 PROJECT E4QI(495)
 ROADWAY CONSTRUCTION
 CHAMPAIGN COUNTY
 C-95-006-25



SOUTH MATTIS AVE
 END IMPROVEMENT
 STA 58+03.00

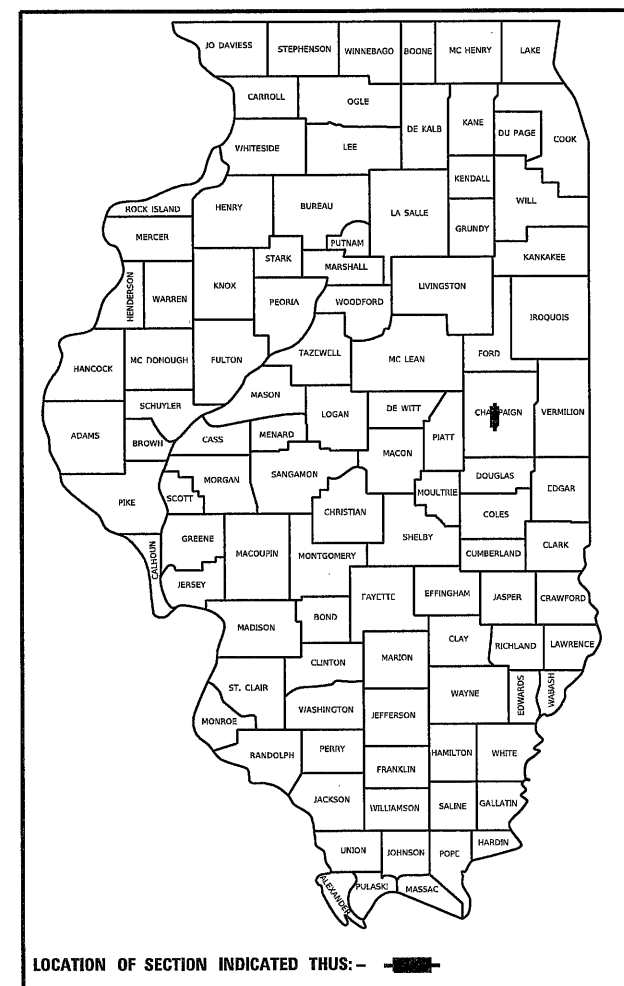
WEST WINDSOR RD
 END IMPROVEMENT
 STA 106+21.78

SOUTH MATTIS AVE
 BEGIN IMPROVEMENT
 STA 3+34.25

NOT TO SCALE

LOCATION MAP

MINOR ARTERIAL
 DESIGN SPEED 40 MPH, POSTED SPEED 35 MPH
 GROSS LENGTH = 6,299.7 FT = 1.193 MILE
 NET LENGTH = 6,299.7 FT = 1.193 MILE
 MATTIS AVE. LENGTH = 5,468.67 FT = 1.036 MILE
 WINDSOR RD. LENGTH = 831.03 FT = 0.157 MILE



LOCHMUELLER GROUP
 201 West Springfield Avenue, Suite 1012
 Champaign, IL 61820
 PHONE: 217.673.7633

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	
APPROVED <u>10/22</u> 2025 <i>David L. Clark</i> CITY OF CHAMPAIGN CITY ENGINEER	
<u>October 27</u> 2025 <i>Avoree S. Gore</i> DISTRICT 5 ENGINEER OF LOCAL ROADS & STREETS	
<u>October 27</u> 2025 <i>Kensil A. Garnett</i> REGIONAL 3 ENGINEER	

PRINTED BY THE AUTHORITY
 OF THE STATE OF ILLINOIS

GENERAL NOTES

1. ILLINOIS STATE LAW REQUIRES A 48-HOUR NOTICE TO BE GIVEN TO ALL UTILITIES BEFORE DIGGING. FIELD MARKING OF FACILITIES MAY ALSO BE OBTAINED BY CONTACTING J.U.L.I.E. OR FOR NON-J.U.L.I.E. MEMBERS, THE UTILITY COMPANY DIRECTLY. AGENCIES KNOWN TO HAVE FACILITIES WITHIN THE PROJECT AREA ARE AS FOLLOWS:
- AMEREN ILLINOIS
AT&T CORP.
CAMPUS COMMUNICATIONS GROUP
CITY OF CHAMPAIGN
COMCAST CORP.
IL CONSOLIDATED TELEPHONE
ILLINOIS AMERICAN WATER
U-C 2B/ITV-3 BROADBAND
U-C SANITARY DISTRICT
WINDSTREAM KDL/MCLEOD USA
2. IN ADDITION TO SURVEYS, SOME OF THE PLAN DIMENSIONS AND DETAILS RELATIVE TO EXISTING CONDITIONS HAVE BEEN TAKEN FROM EXISTING PLANS AND ARE SUBJECT TO NOMINAL CONSTRUCTION VARIATIONS. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY SUCH DIMENSIONS IN THE FIELD. SUCH VARIATIONS SHALL NOT BE CAUSE FOR ADDITIONAL COMPENSATION DUE TO A CHANGE IN THE SCOPE OF THE WORK. THE CONTRACTOR WILL BE PAID FOR THE QUANTITY ACTUALLY FURNISHED AT THE UNIT PRICE BID FOR THE WORK.
3. THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CONDITIONS IN THE FIELD PRIOR TO CONSTRUCTION AND ORDERING OF MATERIALS.
4. ALL AREAS DISTURBED FOR ANY REASON SHALL BE SEEDED WITH CLASS 1A SEEDING OR SODDED AS DIRECTED BY THE ENGINEER. NUTRIENTS SHALL CONFORM TO ARTICLE 250.04 OF THE STANDARD SPECIFICATIONS. ANY SEEDING OR SODDING REQUIRED OUTSIDE THE CONSTRUCTION LIMITS FOR THIS CONTRACT SECTION WILL NOT BE PAID FOR SEPARATELY AND CONSIDERED AS A CONTRACTOR'S EXPENSE.
5. REMOVAL OF EXISTING GRAVEL OR CRUSHED STONE BASE SHALL BE PAID FOR AS EARTH EXCAVATION.
6. SAW CUTTING ON ALL EDGES FOR REMOVAL ITEMS SHALL BE INCLUDED IN THE COST OF THE REMOVAL ITEM AS INDICATED AND IN ACCORDANCE WITH SECTION 440 OF THE STANDARD SPECIFICATIONS.
7. ABANDONED UNDERGROUND UTILITIES THAT CONFLICT WITH CONSTRUCTION SHALL BE DISPOSED OF OUTSIDE THE LIMITS OF RIGHT OF WAY ACCORDING TO ARTICLE 202.03 OF THE STANDARD SPECIFICATIONS AND AS DIRECTED BY THE ENGINEER. THIS WORK WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE COST OF EARTH EXCAVATION AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
8. ANY FACILITIES OR APPURTENANCES WHICH ARE THE PROPERTY OF AND PUBLIC UTILITY LOCATED WITHIN THE LIMITS OF CONSTRUCTION, SHALL BE RELOCATED OR ADJUSTED BY THEIR RESPECTIVE OWNERS. THE CONTRACTOR SHALL NOTIFY AND COOPERATE WITH THE OWNERS OF SUCH FACILITIES IN THEIR REMOVAL AND REARRANGEMENT OPERATIONS IN ORDER THAT THESE OPERATIONS AND THE CONSTRUCTION OF THIS PROJECT MAY PROGRESS IN A REASONABLE MANNER.
9. EXCEPT AS NOTED ON THE PLANS, PAVEMENT GRADES SHOWN ARE AT THE TOP OF PAVEMENT SURFACES.
10. PROTECTIVE COAT SHALL BE APPLIED TO ALL PROPOSED GUTTER FLAGS AND TO THE TOP AND FACE OF CURB.
11. SOME EXISTING STORM SEWER AND DRAINAGE STRUCTURE INFORMATION USED ON THESE PLANS WERE DEVELOPED FROM OFFICE RECORDS OR OTHERWISE HISTORICAL DATA. FINAL ELEVATIONS FOR INCORPORATING EXISTING DRAINAGE FACILITIES INTO THE PROPOSED SYSTEM SHALL BE DETERMINED BY THE ENGINEER. CAUTION SHOULD BE USED DURING CONSTRUCTION AROUND THE EXISTING STORM SEWER, THE CONTRACTOR SHALL FIELD VERIFY EXISTING INVERTS TO CONFIRM ELEVATIONS, PRIOR TO BEGINNING WORK. IF ISSUES ARE FOUND, THE ENGINEER SHALL BE CONTACTED.
12. ROAD CONSTRUCTION AHEAD SIGNS SHALL BE PLACED AT INTERSECTIONS, ENTRANCES, AND SIDE STREETS WHERE WORK IS BEING CONDUCTED AS DIRECTED BY THE ENGINEER. ALL CONSTRUCTION SIGNS SHALL BE FLUORESCENT ORANGE. THIS SHALL BE INCLUDED IN THE COST OF THE TRAFFIC CONTROL AND PROTECTION. THESE SIGNS SHALL BE 48" X 48".
13. EXCAVATION ADJACENT TO THE EDGE OF PAVEMENT OPEN TO TRAFFIC SHALL BE PROTECTED WITH EXTENDED LEG BARRICADES AND APPROPRIATE LIGHTS.
14. THE PROJECT AREA SHALL BE CLOSED TO TRAFFIC DURING CONSTRUCTION. HOWEVER, THERE ARE TWO CELL TOWERS AND AN AMEREN SUBSTATION WITHIN THE PROJECT LIMITS THAT WILL REQUIRE ACCESS DURING CONSTRUCTION. (SEE SPECIAL PROVISIONS FOR ADDITIONAL INFORMATION)
15. AN ESTIMATED QUANTITY OF 100 TONS OF AGGREGATE FOR TEMPORARY ACCESS HAS BEEN INCLUDED IN THE PLANS TO MAINTAIN ACCESS TO SIDEWALKS, ADJACENT PROPERTIES AND THE WORK AREAS DURING STAGE CONSTRUCTION.
16. WHERE PROPOSED CONCRETE PAVEMENT IS TO BE CONSTRUCTED ADJACENT TO EXISTING CONCRETE PAVEMENT, THE CONTRACTOR SHALL DRILL AND GROUT NO. 6X30 EPOXY COATED TIE BARS AT 30" CENTERS. THE COST OF THE WORK SHALL BE INCLUDED IN THE COST OF THE PORTLAND CEMENT CONCRETE PAVEMENT 9" (JOINTED).

17. THE FOLLOWING RATES WERE UTILIZED IN CALCULATIONS OF QUANTITIES FOR THIS PROJECT:

AGGREGATE	2.05 TONS/CUYD
RIPRAP	1.5 TONS/CUYD
BITUMINOUS MATERIALS	
TACK COAT	0.025 LB/SQFT
PRIME COAT	0.25 LB/SQFT
HOT-MIX ASPHALT	0.056 TONS/SQYD/INCH
SEEDING NUTRIENTS	
NITROGEN	90 LBS/ACRE
PHOSPHORUS	90 LBS/ACRE
POTASSIUM	90 LBS/ACRE
MULCH	2 TON/ACRE

18. RECYCLED AGGREGATE MATERIAL SHALL NOT BE USED IN THIS PROJECT.

19. ALL BARS, TIE BARS, DOWELS, CHAIR SUPPORTS AND TIE WIRE SHALL BE EPOXY COATED.

20. TIE BARS SHALL NOT BE PLACED THROUGH FORMS WITHOUT PRIOR APPROVAL OF THE ENGINEER. WHEN APPROVED, THE BARS SHALL BE SUPPORTED ON BOTH SIDES BY EPOXY COATED CHAIRS USING EPOXY COATED WIRE. BARS PLACED THROUGH FORMS SHALL MEET THE SATISFACTION OF THE ENGINEER.

21. DOWEL BAR BASKET PLACEMENT LOCATIONS SHALL BE PAINTED OR MARKED ON THE AGGREGATE BASE COURSE A MINIMUM OF 24 HOURS BEFORE PAVING ACTIVITIES ARE TO BEGIN TO ALLOW THE ENGINEER TIME TO VERIFY SPACING.

22. CONCRETE ROADWAY SHALL BE BROOM FINISHED INSTEAD OF UTILIZING A TYPE A OR TYPE B FINISH.

23. THE CONTRACTOR SHALL MAINTAIN POSITIVE DRAINAGE THROUGHOUT CONSTRUCTION. SPECIAL ATTENTION SHOULD BE TAKEN TO MAKE SURE FIELD DRAINAGE IS ALSO OPEN AND NOT OBSTRUCTED.

UTILITY COMPANIES

AMEREN NATHAN HILL 618-301-5327	IL AMERICAN WATER - CHAMPAIGN ANDY MCCARREY 217-373-3286
AT&T TERRY CASONGIA 217-389-7979	URBANA & CHAMPAIGN SANITARY RUPA GANGULY 217-367-3409 EXT 1234
COMCAST DAVID WASHENFELDT 309-261-2428	I3 BROADBAND FRANK MARTINEZ 217-371-4211
IL CONSOLIDATED TELE WES CHAMBERS 217-235-3355	
WINDSTREAM KDL DON BULITA 1-800-289-1901	

COMMITMENTS

BOTH ACCESS POINTS FOR CHRISTY CLINIC TO BE OPEN TO TRAFFIC BY SEPTEMBER 1, 2026.

INDEX OF SHEETS

- 1 - COVER SHEET
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19-23 - PROPOSED TYPICAL SECTIONS
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114-115 - ENTRANCE AND BIKE RAMP DETAILS
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117-122 - BOX CULVERT DETAILS
123 - DETENTION OUTLET STRUCTURE DETAILS
124-125 - RETAINING WALL DETAILS
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HIGHWAY STANDARDS

000001-09	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
001001-02	AREAS OF REINFORCEMENT BARS
001006	DECIMAL OF AN INCH AND OF A FOOT
280001-07	TEMPORARY EROSION CONTROL SYSTEMS
420001-11	PAVEMENT JOINTS
420101-07	24' JOINTED PCC PAVEMENT
420111-04	PCC PAVEMENT ROUNDOUTS
420701-03	PAVEMENT WELDED WIRE REINFORCEMENT
424001-12	PERPENDICULAR CURB RAMPS FOR SIDEWALKS
424026-04	ENTRANCE ALLEY PEDESTRIAN CROSSINGS
542301-03	PRECAST REINFORCED CONCRETE FLARED END SECTION
602301-04	INLET, TYPE A
602306-03	INLET, TYPE B
602401-07	PRECAST MANHOLE TYPE A 4' DIAMETER
602402-03	PRECAST MANHOLE TYPE A 5' DIAMETER
602601-06	PRECAST REINFORCED CONCRETE FLAT SLAB TOP
604001-05	FRAME AND LIDS, TYPE 1
604006-05	FRAME AND GRATE, TYPE 3
604011-05	FRAME AND GRATE, TYPE 3V
604036-03	GRATE, TYPE 8
604041-03	FRAME AND GRATE, TYPE 9
606001-09	CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
606301-04	PC CONCRETE ISLANDS AND MEDIANS
642006-01	SHOULDER RUMBLE STRIPS, 8"
667101-02	PERMANENT SURVEY MARKERS
701001-02	OFF-RD OPERATIONS 2L 2W MORE THAN 15FT
701006-05	OFF-RD OPERATIONS 2L 2W 15' TO 24" FROM PAVEMENT EDGE
701101-05	OFF-RD OPERATIONS MULTILANE, 15' TO 24" FROM PAVEMENT EDGE
701301-04	LANE CLOSURE, 2L, 2W. SHORT TIME OPERATIONS
701602-10	URBAN LANE CLOSURE MULTILANE, 2W WITH BIDIRECTIONAL LEFT TURN LANE
701701-10	URBAN LANE CLOSURE MULTILANE INTERSECTION
701801-06	SIDEWALK, CORNER OR CROSSWALK CLOSURE
701901-11	TRAFFIC CONTROL DEVICES
720001-01	SIGN PANEL MOUNTING DETAILS
720006-04	SIGN PANEL ERECTION DETAILS
728001-01	TELESCOPING STEEL SIGN SUPPORT
780001-05	TYPICAL PAVEMENT MARKINGS
830001-03	LIGHT POLE ALUMINUM MAST ARM
878001-11	CONCRETE FOUNDATION DETAILS
BLR 21-9	TYPICAL APPLICATION OF TRAFFIC CONTROL DEVICES FOR CONSTRUCTION ON RURAL LOCAL HIGHWAYS
BLR 22-7	TYP. APPL. OF T.C.D. FOR RURAL LOC. HWYS. (2-LANE 2 WAY RURAL TRAFF.) (RD. CLOSED TO THRU TRAFF.)

IDOT DISTRICT 5 STANDARDS

42300AAA	DRIVEWAY PAVEMENT (PCC) (NON & COMMERCIAL URBAN)
42300BBB	ENTRANCES WITH NARROW ROW
54248510	CONCRETE COLLAR
7800AAAA	PAVEMENT MARKING AND MARKERS (RURAL & URBAN APPLICATIONS)
Z0070100	SURVEY MONUMENT COVER ASSEMBLY

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 201 West Springfield Avenue, Suite 1012 Champaign, IL 61820 PHONE: 217.673.7633	USER NAME = Nick.Burrus	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	GENERAL NOTES AND HIGHWAY STANDARDS	SCALE:	SHEET 1 OF 1 SHEETS	STA.	TO STA.	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	DRAWN -	REVISD -	REVISD -							7159	19-000314-00-PV	CHAMPAIGN	197	2
	PLOT SCALE = 0.1667 ' / in.	CHECKED -	REVISED -											
	PLOT DATE = 10/3/2025	DATE -	REVISED -									ILLINOIS	FED. AID PROJECT	

SUMMARY OF QUANTITIES

CODE NO	ITEM	UNIT	TOTAL
* 20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	138
* 20100210	TREE REMOVAL (OVER 15 UNITS DIAMETER)	UNIT	66
20200100	EARTH EXCAVATION	CU YD	11,985
20400800	FURNISHED EXCAVATION	CU YD	12,115
20700220	POROUS GRANULAR EMBANKMENT	CU YD	52
21101505	TOPSOIL EXCAVATION AND PLACEMENT	CU YD	2,786
* 25000110	SEEDING, CLASS 1A	ACRE	6.75
* 25000400	NITROGEN FERTILIZER NUTRIENT	POUND	608
* 25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	608
* 25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	608
* 25100115	MULCH, METHOD 2	ACRE	6.75
* 25200110	SODDING, SALT TOLERANT	SQ YD	2,443
* 25200200	SUPPLEMENTAL WATERING	UNIT	118
28000305	TEMPORARY DITCH CHECKS	FOOT	340

* SPECIALTY ITEM

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MODEL: S00 02
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SUMMARY OF QUANTITIES			
CODE NO	ITEM	UNIT	TOTAL
28000400	PERIMETER EROSION BARRIER	FOOT	4,664
28000500	INLET AND PIPE PROTECTION	EACH	27
28000510	INLET FILTERS	EACH	103
28100105	STONE RIPRAP, CLASS A3	SQ YD	292
28100107	STONE RIPRAP, CLASS A4	SQ YD	461
28200200	FILTER FABRIC	SQ YD	684
31101600	SUBBASE GRANULAR MATERIAL, TYPE B 8"	SQ YD	30,973
35100300	AGGREGATE BASE COURSE, TYPE A 4"	SQ YD	7,858
35100500	AGGREGATE BASE COURSE, TYPE A 6"	SQ YD	31,001
42000060	WELDED WIRE REINFORCEMENT	SQ YD	399
42000401	PORTLAND CEMENT CONCRETE PAVEMENT 9" (JOINTED)	SQ YD	24,194
42000540	PORTLAND CEMENT CONCRETE PAVEMENT 12"	SQ YD	170
42001300	PROTECTIVE COAT	SQ YD	84.092
42300200	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 6 INCH	SQ YD	79

* SPECIALTY ITEM

 201 West Springfield Avenue, Suite 1012 Champaign, IL 61810 PHONES: 217.631.7611	USER NAME = Rick.Burns	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES		F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 10.0000' / in.	DRAWN -	REVISED -				7159	19-000314-00-PV	CHAMPAIGN	197	4
	PLOT DATE = 10/8/2025	CHECKED -	REVISED -				CONTRACT NO. 91642				
		DATE -	REVISED -				ILLINOIS FED. AID PROJECT				
SCALE: NTS		SHEET 2 OF 13 SHEETS		STA.		TO STA.					

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SUMMARY OF QUANTITIES			
CODE NO	ITEM	UNIT	TOTAL
42300400	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8 INCH	SQ YD	376
42400300	PORTLAND CEMENT CONCRETE SIDEWALK 6 INCH	SQ FT	54,811
42400800	DETECTABLE WARNINGS	SQ FT	293
44000100	PAVEMENT REMOVAL	SQ YD	17,665
44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	341
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	2,729
44000600	SIDEWALK REMOVAL	SQ FT	5,575
50104400	CONCRETE HEADWALL REMOVAL	EACH	1
50105220	PIPE CULVERT REMOVAL	FOOT	221
50200450	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL FOR STRUCTURES	CU YD	150
50300225	CONCRETE STRUCTURES	CU YD	59
50800105	REINFORCEMENT BARS	POUND	10,490
50800205	REINFORCEMENT BARS, EPOXY COATED	POUND	550
* 50900805	PEDESTRIAN RAILING	FOOT	186

* SPECIALTY ITEM



LOCHMUELLER
GROUP

201 West Springfield Avenue, Suite 1012
Champaign, IL 61820
PHONE: 219.679.7633

USER NAME	= Nick.Burns
PLOT SCALE	= 10.0000 " / in.
PLOT DATE	= 10/8/2025

DESIGNED	-
DRAWN	-
CHECKED	-
DATE	-

REVISED	-
REVISED	-
REVISED	-
REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: NTS SHEET 3 OF 13 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7159	19-000314-00-PV	CHAMPAIGN	197	5
CONTRACT NO. 91642				
ILLINOIS FED. AID PROJECT				

SUMMARY OF QUANTITIES			
CODE NO	ITEM	UNIT	TOTAL
54003000	CONCRETE BOX CULVERTS	CU YD	54
54010503	PRECAST CONCRETE BOX CULVERTS 5' X 3'	FOOT	86
54010603	PRECAST CONCRETE BOX CULVERTS 6' X 3'	FOOT	338
54213657	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 12"	EACH	33
54213660	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 15"	EACH	11
542A0220	PIPE CULVERTS, CLASS A, TYPE 1 15"	FOOT	152
550A0050	STORM SEWERS, CLASS A, TYPE 1 12"	FOOT	2,257
550A0070	STORM SEWERS, CLASS A, TYPE 1 15"	FOOT	148
55100500	STORM SEWER REMOVAL 12"	FOOT	124
58600101	GRANULAR BACKFILL FOR STRUCTURES	CU YD	685
59300100	CONTROLLED LOW-STRENGTH MATERIAL	CU YD	368
60218400	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	5
60218500	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 3 FRAME AND GRATE	EACH	3
60219000	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 8 GRATE	EACH	3

* SPECIALTY ITEM

SUMMARY OF QUANTITIES

CODE NO	ITEM	UNIT	TOTAL
60219100	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 9 FRAME AND GRATE	EACH	1
60219570	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 3V FRAME AND GRATE	EACH	1
60221100	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	1
60235700	INLETS, TYPE A, TYPE 3 FRAME AND GRATE	EACH	16
60235705	INLETS, TYPE A, TYPE 3V FRAME AND GRATE	EACH	62
60236200	INLETS, TYPE A, TYPE 8 GRATE	EACH	4
60236600	INLETS, TYPE A, TYPE 9 FRAME AND GRATE	EACH	1
60240220	INLETS, TYPE B, TYPE 3 FRAME AND GRATE	EACH	3
60240222	INLETS, TYPE B, TYPE 3V FRAME AND GRATE	EACH	3
60255500	MANHOLES TO BE ADJUSTED	EACH	6
60255800	MANHOLES TO BE ADJUSTED WITH NEW TYPE 1 FRAME, CLOSED LID	EACH	7
60500040	REMOVING MANHOLES	EACH	4
60500060	REMOVING INLETS	EACH	19
60603800	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12	FOOT	379

* SPECIALTY ITEM

MODEL: SDO 05
FILE NAME: x:\p\production\11\1421421-1\003\CAD\CADD Sheets\21-1BBS North Ave - spt-SDO.dgn

 201 West Springfield Avenue, Suite 1012 Champaign, IL 61820 PHONE: 219.629.7611	USER NAME = Nick.Burnus	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES				F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 10.0000 ' / in.	DRAWN -	REVISED -						7159	19-000314-00-PV	CHAMPAIGN	197	7
	PLOT DATE = 10/8/2025	CHECKED -	REVISED -		CONTRACT NO. 91642								
		DATE -	REVISED -		ILLINOIS FED. AID PROJECT								
				SCALE: NTS	SHEET 5 OF 13 SHEETS	STA.	TO STA.						

SUMMARY OF QUANTITIES

CODE NO	ITEM	UNIT	TOTAL
60604100	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12 (MODIFIED)	FOOT	6,305
60604400	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.18	FOOT	9,772
60605000	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24	FOOT	750
64200108	SHOULDER RUMBLE STRIPS, 8 INCH	FOOT	6,947
67000500	ENGINEER'S FIELD OFFICE, TYPE B	CAL MO	12
67100100	MOBILIZATION	L SUM	1
* 72000100	SIGN PANEL - TYPE 1	SQ FT	154
* 72000200	SIGN PANEL - TYPE 2	SQ FT	20
72400100	REMOVE SIGN PANEL ASSEMBLY - TYPE A	EACH	4
72400200	REMOVE SIGN PANEL ASSEMBLY - TYPE B	EACH	1
* 72800100	TELESCOPING STEEL SIGN SUPPORT	FOOT	382
* 73000100	WOOD SIGN SUPPORT	FOOT	29
* 78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	190
* 78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	3,429

* SPECIALTY ITEM

MODEL: SDO 06
FILE NAME: X:\Production\Files\2021\421-1003\CAD\CADD Sheets\21-1885-Maple Ave - sdr-SDO.dgn



LOCHMUELLER GROUP
201 West Springfield Avenue, Suite 1012
Champaign, IL 61810
PHONE: 219.473.7613

USER NAME	= Nick.Burris
PLOT SCALE	= 10.0000 " / in.
PLOT DATE	= 10/8/2025

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

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES			
SCALE: NTS	SHEET 6 OF 13 SHEETS	STA.	TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7159	19-000314-00-PV	CHAMPAIGN	197	8
CONTRACT NO. 91642				
ILLINOIS FED. AID PROJECT				

SUMMARY OF QUANTITIES

CODE NO	ITEM	UNIT	TOTAL
* 78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	445
* 78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	54
* 78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	114
* 78009000	MODIFIED URETHANE PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	3,412
* 78009004	MODIFIED URETHANE PAVEMENT MARKING - LINE 4"	FOOT	24,549
* 78009006	MODIFIED URETHANE PAVEMENT MARKING - LINE 6"	FOOT	388
* 78009012	MODIFIED URETHANE PAVEMENT MARKING - LINE 12"	FOOT	1,925
* 78009024	MODIFIED URETHANE PAVEMENT MARKING - LINE 24"	FOOT	91
* 78011025	GROOVING FOR RECESSED PAVEMENT MARKING 5"	FOOT	27,978
* 78011035	GROOVING FOR RECESSED PAVEMENT MARKING 7"	FOOT	833
* 78011065	GROOVING FOR RECESSED PAVEMENT MARKING 13"	FOOT	1,979
* 78011125	GROOVING FOR RECESSED PAVEMENT MARKING 25"	FOOT	205
78300202	PAVEMENT MARKING REMOVAL - WATER BLASTING	SQ FT	1,954
* 80400100	ELECTRIC SERVICE INSTALLATION	EACH	1

* SPECIALTY ITEM

MODEL: SDO 07
FILE NAME: X:\Production\file\17021421-1003\CAD\CUD Sheets\21-18B\ MainIS Ave - str-SDO.dgn

 201 West Springfield Avenue, Suite 1012 Champaign, IL 61820 PHONE: 217.271.3519	USER NAME = Nick.Burnus	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES		F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 10.0000 " / in.	DRAWN -	REVISED -				7159	19-000314-00-PV	CHAMPAIGN	197	9
	PLOT DATE = 10/8/2025	CHECKED -	REVISED -				CONTRACT NO. 91642				
		DATE -	REVISED -				ILLINOIS FED. AID PROJECT				
				SCALE: NTS		SHEET 7 OF 13 SHEETS		STA. TO STA.			

MODEL: SDQ 08
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SUMMARY OF QUANTITIES			
CODE NO	ITEM	UNIT	TOTAL
* 81028350	UNDERGROUND CONDUIT, PVC, 2" DIA.	FOOT	9,670
* 81028370	UNDERGROUND CONDUIT, PVC, 3" DIA.	FOOT	113
* 81028750	UNDERGROUND CONDUIT, COILABLE NONMETALLIC CONDUIT, 2" DIA.	FOOT	875
* 81400700	HANDHOLE, PORTLAND CEMENT CONCRETE	EACH	20
* 81500120	GULFBOX JUNCTION, COMPOSITE CONCRETE	EACH	1
* 81702110	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 10	FOOT	570
* 81702130	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 6	FOOT	15,573
* 83007300	LIGHT POLE, ALUMINUM, 35 FT. M.H., 8 FT. MAST ARM	EACH	19
* 83600352	LIGHT POLE FOUNDATION, METAL, 11 1/2" BOLT CIRCLE, 8 5/8" X 6'	EACH	31
* 83800650	BREAKAWAY DEVICE, COUPLING WITH STAINLESS STEEL SCREEN	EACH	124
* 84200500	REMOVAL OF LIGHTING UNIT, SALVAGE	EACH	2
* 84200804	REMOVAL OF POLE FOUNDATION	EACH	2
* 87301225	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	2,120
* 87301245	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	690

* SPECIALTY ITEM

 201 West Springfield Avenue, Suite 1002 Champaign, IL 61820 PHONE: 217.679.2033	USER NAME = Nick.Burnus	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES				F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 10,000' / in.	DRAWN -	REVISED -						7159	19-000314-00-PV	CHAMPAIGN	197	10
	PLOT DATE = 10/8/2025	CHECKED -	REVISED -		CONTRACT NO. 91642								
		DATE -	REVISED -		ILLINOIS FED. AID PROJECT								
					SCALE: NTS	SHEET 8 OF 13 SHEETS	STA.	TO STA.					

MODEL: SDO 09
FILE NAME: X:\production\file\10214271-1003\CAD\CADD Sheets\21-1BBS_Matls_Ave - sh-500.dgn



LOCHMUELLER
GROUP

201 West Springfield Avenue, Suite 1012
Champaign, IL 61820
PHONE: 317.673.7533

USER NAME	= Nick.Burnus
PLOT SCALE	= 10.0000 " / in.
PLOT DATE	= 10/8/2025

DESIGNED	-
DRAWN	-
CHECKED	-
DATE	-

REVISED	-
REVISED	-
REVISED	-
REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES			
SCALE: NTS	SHEET 9 OF 13 SHEETS	STA.	TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7159	19-000314-00-PV	CHAMPAIGN	197	11
CONTRACT NO. 91642				
ILLINOIS FED. AID PROJECT				

SUMMARY OF QUANTITIES			
CODE NO	ITEM	UNIT	TOTAL
* 87301255	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	2,000
* 87301900	ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	330
* 87502620	TRAFFIC SIGNAL POST, ALUMINUM 8 FT.	EACH	1
* 87502690	TRAFFIC SIGNAL POST, ALUMINUM 15 FT.	EACH	4
* 87600100	PEDESTRIAN PUSH-BUTTON POST, TYPE I	EACH	3
* 87703020	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 58 FT.	EACH	1
* 87800100	CONCRETE FOUNDATION, TYPE A	FOOT	15
* 87800420	CONCRETE FOUNDATION, TYPE E 42-INCH DIAMETER	FOOT	21
* 87900200	DRILL EXISTING HANDHOLE	EACH	8
* 88040070	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED	EACH	4
* 88040090	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 3-SECTION, MAST ARM MOUNTED	EACH	4
* 88040150	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 5-SECTION, BRACKET MOUNTED	EACH	8
* 88040160	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 5-SECTION, MAST ARM MOUNTED	EACH	4
* 88102825	PEDESTRIAN SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, BRACKET MOUNTED WITH COUNT DOWN TIMER	EACH	8

* SPECIALTY ITEM

SUMMARY OF QUANTITIES

CODE NO	ITEM	UNIT	TOTAL
* 88200400	TRAFFIC SIGNAL BACKPLATE, FORMED PLASTIC	EACH	8
* 89502300	REMOVE ELECTRIC CABLE FROM CONDUIT	FOOT	3,610
* 89502375	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	2
* 89502380	REMOVE EXISTING HANDHOLE	EACH	2
* 89502385	REMOVE EXISTING CONCRETE FOUNDATION	EACH	5
* A2002504	TREE, CARPINUS BETULUS, (EUROPEAN HORNBEAM) 2" CALIPER, BALLED AND BURLAPPED	EACH	12
* A2007720	TREE, TAXODIUM DISTICHUM SHAWNEE BRAVE (SHAWNEE BRAVE BALD CYPRESS), 2-1/2" CALIPER, BALLED AND BURLAPPED	EACH	20
* A2064012	TREE, QUERCUS ALBA X ROBUR CRIMSCHMIDT (CRIMSON SPIRE OAK), 2-1/2" CALIPER, BALLED AND BURLAPPED	EACH	17
* K0036118	MULCH PLACEMENT 3"	SQ YD	348
K1005418	TEMPORARY SEEDING	ACRE	6.75
* X0327598	LED INTERNALLY ILLUMINATED STREET NAME SIGN	EACH	8
* X1400217	TERMINATE FIBER IN CABINET	EACH	8
* X1400238	LUMINAIRE, LED, SPECIAL	EACH	1
* X1800003	PLANTING SOIL MIX FURNISH AND PLACE	CU YD	348

* SPECIALTY ITEM

MODEL: SQ0 10
FILE NAME: X:\Production\11est2021\421-1003\CAD\CADD Sheets\21-1BBS Mantle Ave - sht-SQ0.dgn

**LOCHMUELLER
GROUP**
201 West Springfield Avenue, Suite 1012
Champaign, IL 61810
PHONE: 712.671.7033

USER NAME	= Nick.Barnus
PLOT SCALE	= 10.0000 ' / in.
PLOT DATE	= 10/8/2025

DESIGNED	-
DRAWN	-
CHECKED	-
DATE	-

REVISED	-
REVISED	-
REVISED	-
REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: NTS SHEET 10 OF 13 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7159	19-000314-00-PV	CHAMPAIGN	197	12
CONTRACT NO. 91642				
ILLINOIS FED. AID PROJECT				

SUMMARY OF QUANTITIES

CODE NO	ITEM	UNIT	TOTAL
X2810846	GROUT FOR USE WITH RIPRAP	CU YD	165
X4020900	AGGREGATE SURFACE COURSE, TYPE B (SPECIAL)	SQ YD	713
X4420201	PAVEMENT PATCHING (SPECIAL)	SQ YD	29
X5427602	REMOVE EXISTING FLARED END SECTION	EACH	3
X5510011	PROPOSED STORM SEWER CONNECTION TO EXISTING MANHOLE	EACH	2
X5510012	PROPOSED STORM SEWER CONNECTION TO EXISTING STORM SEWER	EACH	11
X5810103	MEMBRANE WATERPROOFING SYSTEM FOR BURIED STRUCTURES	SQ YD	364
X6025604	PROPOSED MANHOLE/CATCH BASIN CONNECTION OVER EXISTING STORM SEWER	EACH	11
X6040177	SPECIAL GRATE NO. 1	EACH	4
X6062400	CONCRETE GUTTER (SPECIAL)	FOOT	39
X6700403	FIELD OFFICE EQUIPMENT	CAL MO	12
X7010216	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	L SUM	1
* X8040102	ELECTRIC SERVICE INSTALLATION (SPECIAL)	EACH	2
* X8130110	JUNCTION BOX (SPECIAL)	EACH	37

* SPECIALTY ITEM

MODEL: S00 11
FILE NAME: X:\Production\Files\2025\11\21-1003\CAD\CADD Sheets\21-1BBS Matile Ave - sm-S00.dgn



USER NAME	■ Nick.Burnus	DESIGNED	-	REVISED	-
		DRAWN	-	REVISED	-
PLOT SCALE	■ 10.0000 " / in.	CHECKED	-	REVISED	-
PLOT DATE	■ 10/8/2025	DATE	-	REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: NTS SHEET 11 OF 13 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7159	19-000314-00-PV	CHAMPAIGN	197	13
CONTRACT NO. 91642				
ILLINOIS FED. AID PROJECT				

SUMMARY OF QUANTITIES			
CODE NO	ITEM	UNIT	TOTAL
* X8870510	CONFIRMATION BEACON	EACH	8
* X8891001	VIDEO VEHICLE DETECTION SYSTEM	EACH	2
* X8950105	REMOVE EXISTING TRAFFIC CONTROLLER AND CABINET	EACH	2
* XX006590	RELOCATE CIVIL DEFENSE WARNING SIREN	L SUM	1
Z0013798	CONSTRUCTION LAYOUT	L SUM	1
# Z0076600	TRAINEES	HOUR	2500
Z0073346	SLEEPER SLAB	SQ YD	486
# Z0076604	TRAINEES TRAINING PROGRAM GRADUATE	HOUR	2500

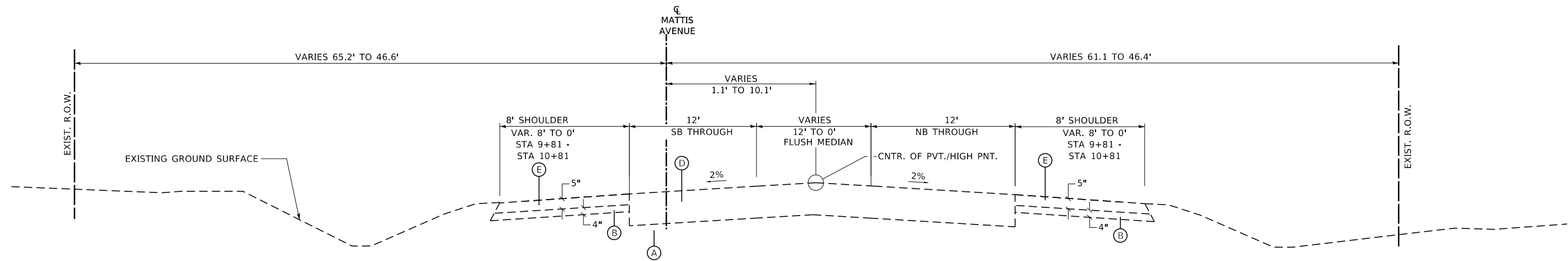
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* SPECIALTY ITEM

MODEL: SQ0 13
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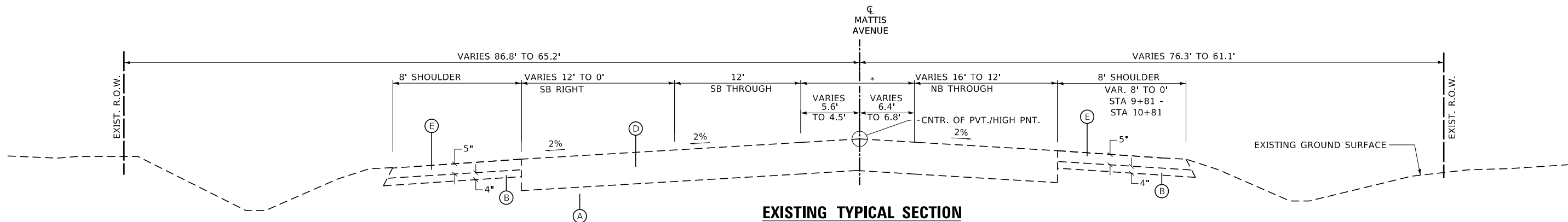
 201 West Springfield Avenue, Suite 1012 Champaign, IL 61810 PHONE: 219-231-7033	USER NAME = Nick.Barnus	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES		F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 10.0000' / in.	DRAWN -	REVISED -				7159	19-000314-00-PV	CHAMPAIGN	197	15
	PLOT DATE = 10/8/2025	CHECKED -	REVISED -				CONTRACT NO. 91642				
		DATE -	REVISED -				ILLINOIS FED. AID PROJECT				
				SCALE: NTS		SHEET 13 OF 13 SHEETS		STA. TO STA.			

MODEL: East_Typ_01
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EXISTING TYPICAL SECTION
SOUTH MATTIS AVENUE

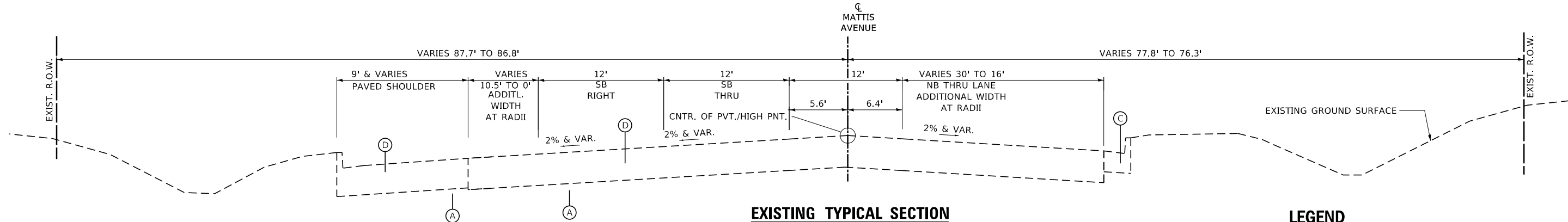
STA 7+06.50 TO STA 10+81.15



EXISTING TYPICAL SECTION
SOUTH MATTIS AVENUE

STA 3+79.10 TO STA 7+06.50

* SB LEFT
12', STA 3+34.25 - STA 4+96.53
VAR. 12' TO 0', STA 4+96.53 - STA 7+06.50
SB FLUSH MEDIAN
VAR. 0' TO 11.3', STA 4+96.53 - STA 7+06.50
VAR. 11.3 TO 0', STA 7+06.50 - STA 7+06.50



EXISTING TYPICAL SECTION
SOUTH MATTIS AVENUE

STA 3+34.25 TO STA 3+79.10

LEGEND

- (A) AGGREGATE AND LIME MODIFIED SOIL
- (B) AGGREGATE
- (C) COMBINATION CONCRETE CURB AND GUTTER TYPE B-6.24
- (D) P.C. CONCRETE PAVEMENT 12" - 13.5"
- (E) HOT-MIX ASPHALT (DIFFERENT THICKNESS IN DIFFERENT SECTIONS)



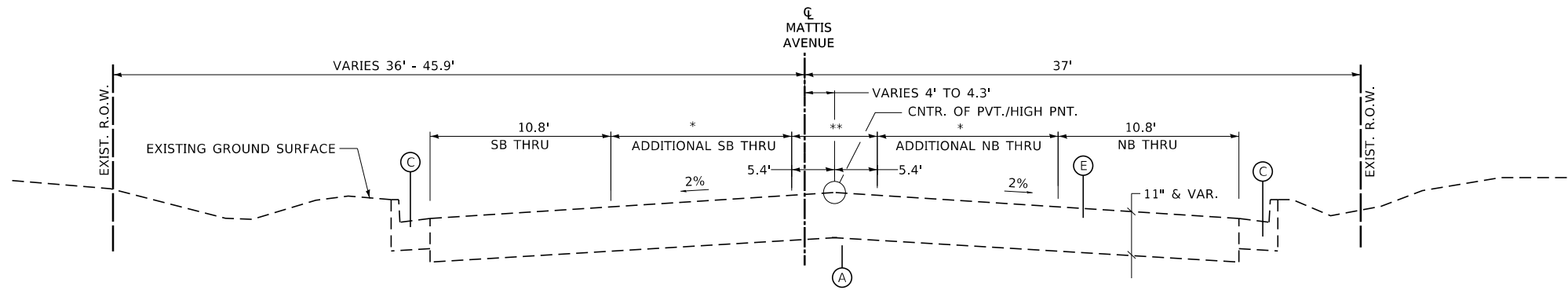
USER NAME = Nick,Burrus	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 20.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 10/1/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING TYPICAL SECTIONS
MATTIS AVENUE

SCALE: 1"=10' SHEET 1 OF 8 SHEETS EXISTING TYPICAL SECTIONS

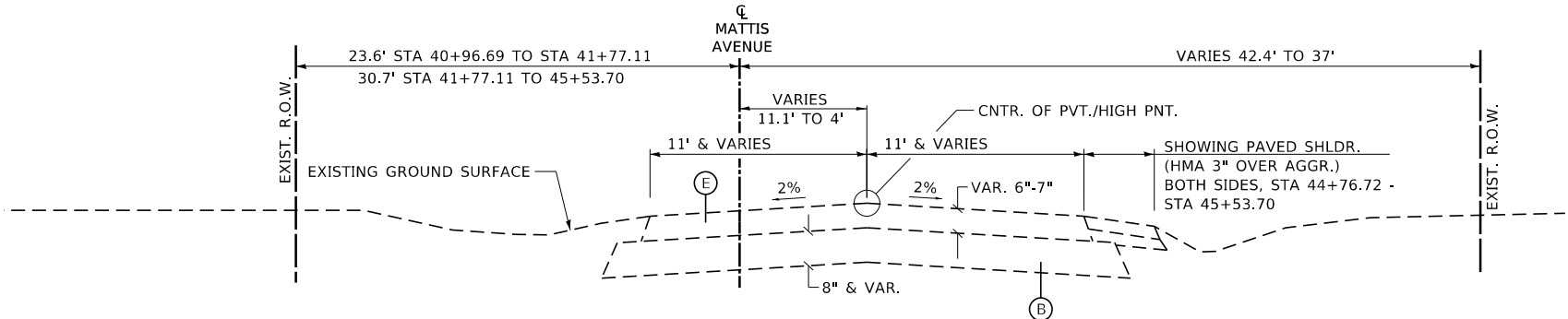
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7159	19-000314-00-PV	CHAMPAIGN	197	16
CONTRACT NO. 91642				
ILLINOIS FED. AID PROJECT				



**EXISTING TYPICAL SECTION
SOUTH MATTIS AVENUE**

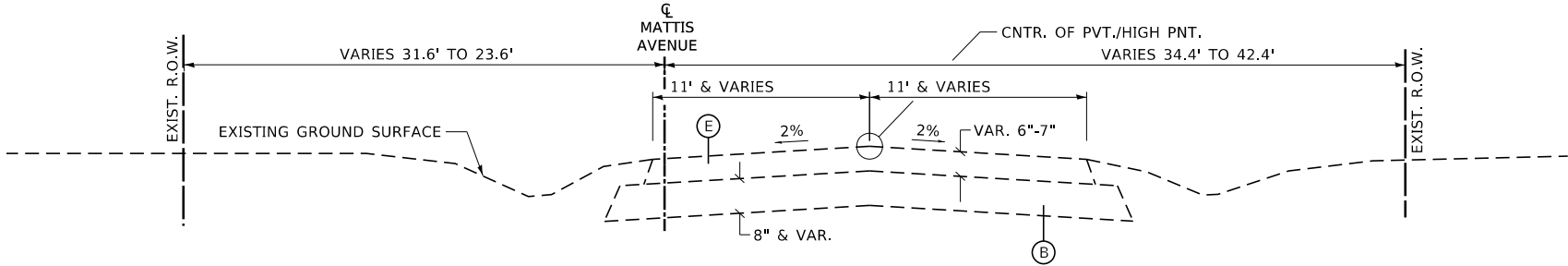
STA 45+53.70 TO STA 52+02.38

* VARIES 0' TO 10.8', STA 45+53.70 - STA 49+77.00
** NB FLUSH MEDIAN
0', STA 45+53.70 - STA 49+77.00
VARIES 0' TO 10.8', STA 49+77.00 - STA 52+02.38



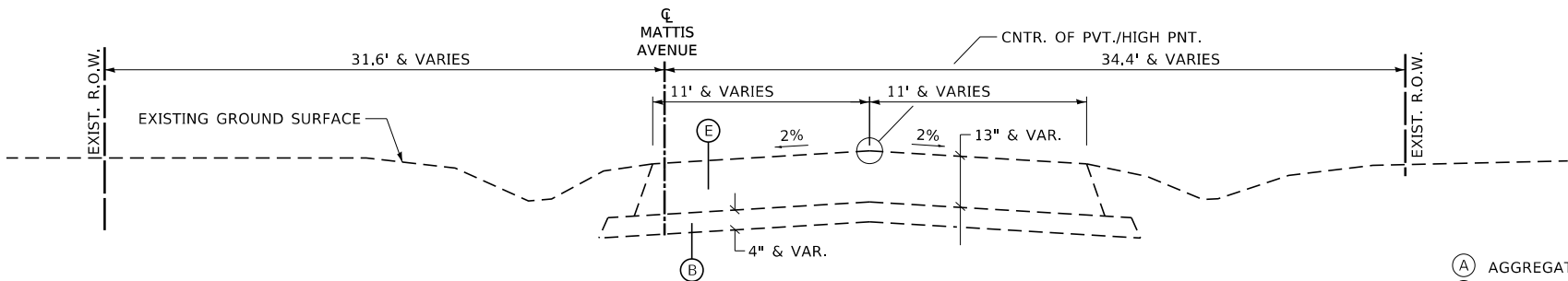
**EXISTING TYPICAL SECTION
SOUTH MATTIS AVENUE**

STA 40+96.69 TO STA. 45+53.70



**EXISTING TYPICAL SECTION
SOUTH MATTIS AVENUE**

STA 16+67.15 TO STA. 40+96.69



**EXISTING TYPICAL SECTION
SOUTH MATTIS AVENUE**

STA 10+81.15 TO STA. 16+67.15

LEGEND

- (A) AGGREGATE AND LIME MODIFIED SOIL
- (B) AGGREGATE
- (C) COMBINATION CONCRETE CURB AND GUTTER TYPE B-6.24
- (D) P.C. CONCRETE PAVEMENT 12" - 13.5"
- (E) HOT-MIX ASPHALT (DIFFERENT THICKNESS IN DIFFERENT SECTIONS)

MODEL: Exst_Typ_02
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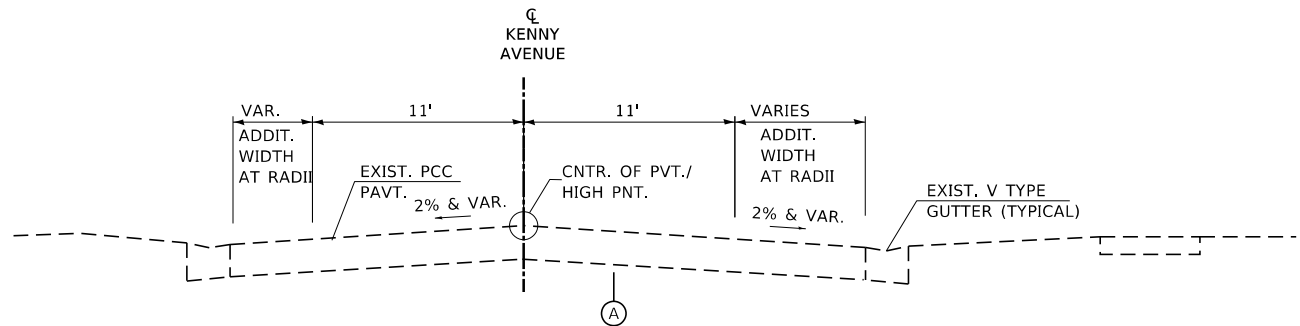
USER NAME = Nick,Burris	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 20.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 10/1/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING TYPICAL SECTIONS
MATTIS AVENUE

SCALE: 1"=10' SHEET 2 OF 8 SHEETS EXISTING TYPICAL SECTIONS

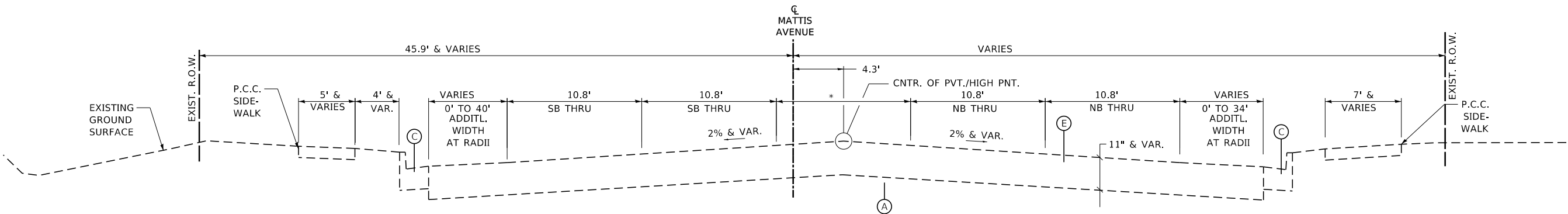
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7159	19-000314-00-PV	CHAMPAIGN	197	17
				CONTRACT NO. 91642
		ILLINOIS	FED. AID PROJECT	



EXISTING TYPICAL SECTION

KENNY AVENUE

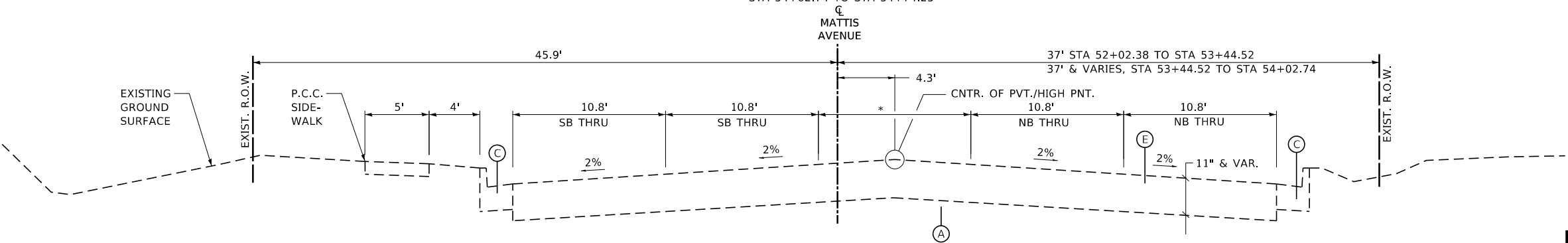
STA # TO STA #



EXISTING TYPICAL SECTION

SOUTH MATTIS AVENUE

STA 54+02.74 TO STA 54+74.25



EXISTING TYPICAL SECTION

SOUTH MATTIS AVENUE

STA 52+02.38 TO STA 54+02.74

* NB LEFT
VARIES 0' TO 10.8', STA 52+02.38 TO STA 53+17
10.8', STA 53+17 TO STA 54+02.74
NB FLUSH MEDIAN
VARIES 10.8' TO 0', STA 52+02.38 TO STA 53+17

LEGEND

- (A) AGGREGATE AND LIME MODIFIED SOIL
- (B) AGGREGATE
- (C) COMBINATION CONCRETE CURB AND GUTTER TYPE B-6.24
- (D) P.C. CONCRETE PAVEMENT 12" - 13.5"
- (E) HOT-MIX ASPHALT (DIFFERENT THICKNESS IN DIFFERENT SECTIONS)

MODEL: East_Typ_03
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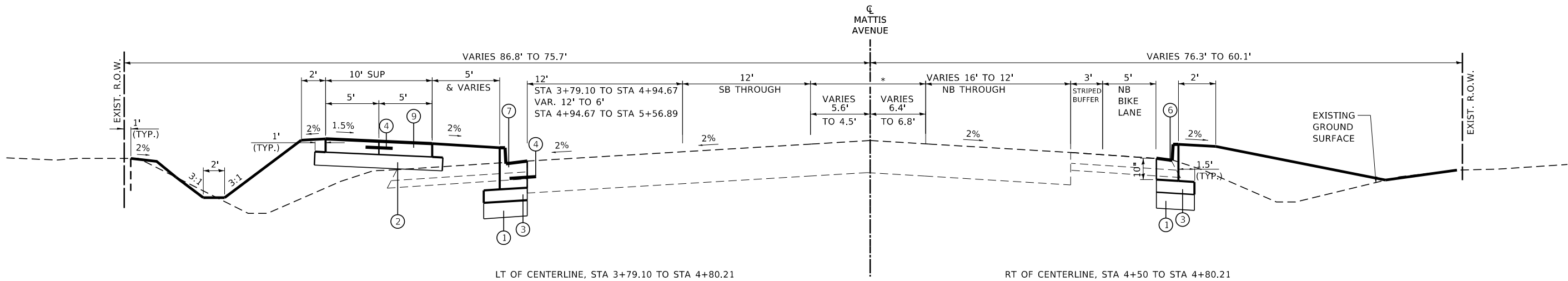
USER NAME = Nick,Burris	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 20.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 10/1/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING TYPICAL SECTIONS
MATTIS AVENUE

SCALE: 1"=10' SHEET 3 OF 8 SHEETS EXISTING TYPICAL SECTIONS

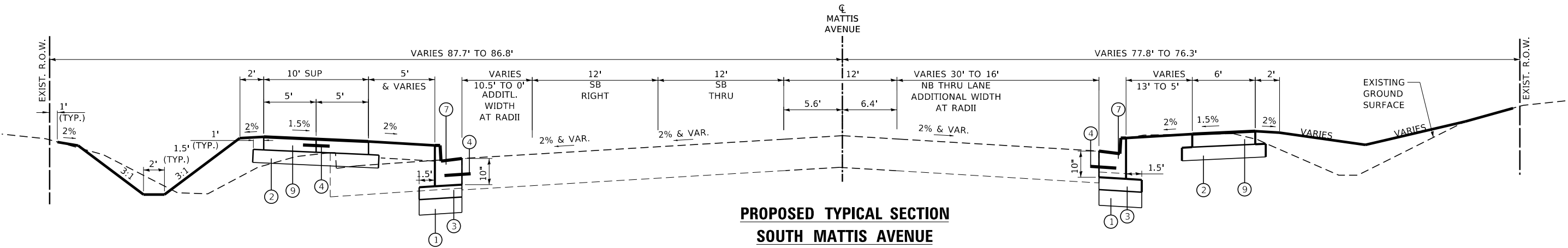
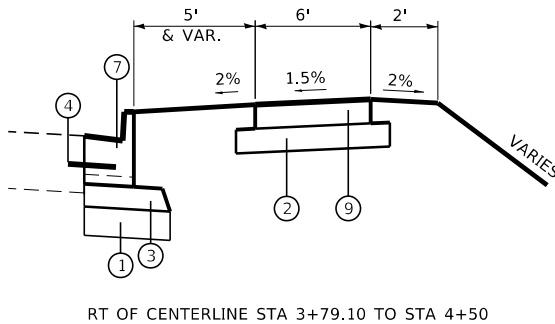
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7159	19-000314-00-PV	CHAMPAIGN	197	18
CONTRACT NO. 91642				
ILLINOIS FED. AID PROJECT				



PROPOSED TYPICAL SECTION
SOUTH MATTIS AVENUE

STA 3+79.10 TO STA 4+80.21

* SB LEFT
12', STA 3+34.25 - STA 4+96.53
VAR. 12' TO 2', STA 4+96.53 - STA 5+56.89
SB FLUSH MEDIAN
VAR. 0' TO 4', STA 4+96.53 - STA 5+56.89



PROPOSED TYPICAL SECTION
SOUTH MATTIS AVENUE

STA 3+34.25 TO STA 3+79.10

LEGEND

- ① SUBBASE GRANULAR MATERIAL, TYPE B 8" (CA5) & TON QTY
- ② AGGREGATE BASE COURSE, TYPE A 4 INCH
- ③ AGGREGATE BASE COURSE, TYPE A 6 INCH
- ④ NO. 6 EPOXY COATED REINF. BAR 30" AT 36" CTS.
(NOT A SEPARATE PAY ITEM EXCEPT WHERE CURB IS CONNECTED TO EXIST. PAVEMENT)
- ⑤ COMB. CONC. CURB AND GUTTER, TYPE B-6.12 (MODIFIED)
- ⑥ COMB. CONC. CURB AND GUTTER, TYPE B-6.18
- ⑦ COMB. CONCRETE CURB AND GUTTER, TYPE B-6.24
- ⑧ P.C. CONCRETE PAVEMENT 9" (JOINTED)
- ⑨ P.C. CONCRETE SIDEWALK 6 INCH
- ⑩ SHOULDER RUMBLE STRIPS, 8 INCH

MODEL: Prop Typ 01
FILE NAME: X:\p\ConstructionFiles\2021\421-1003\CADD\CADD Sheets\21-1885 Mattis Ave - sht-tyt\skcal.dgn



USER NAME = Nick,Burris	DESIGNED -	REVISED -
PLOT SCALE = 20.0000 ' / in.	DRAWN -	REVISED -
PLOT DATE = 10/1/2025	CHECKED -	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

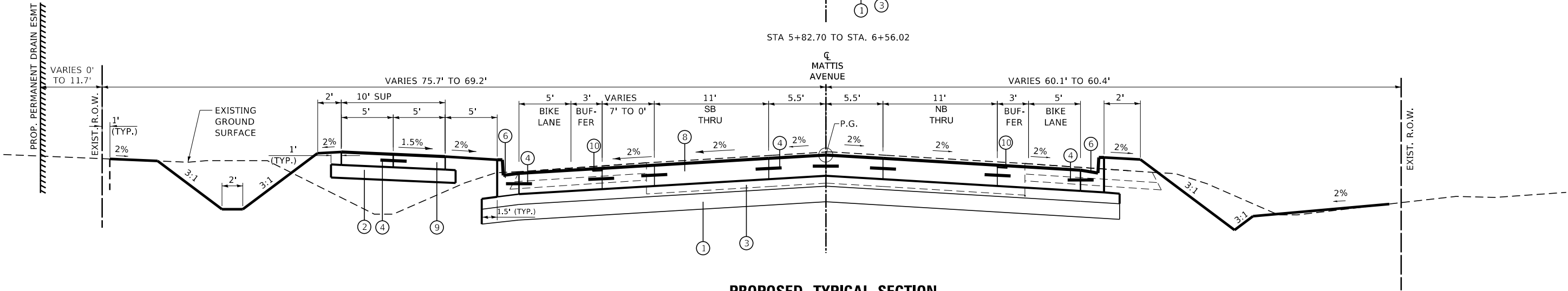
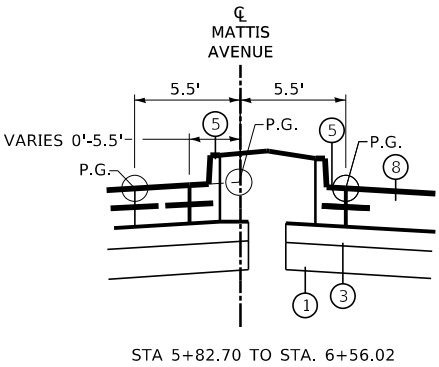
PROPOSED TYPICAL SECTIONS
MATTIS AVENUE

SCALE: 1"=10' SHEET 4 OF 8 SHEETS PR TYP 01

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7159	19-000314-00-PV	CHAMPAIGN	197	19
CONTRACT NO. 91642				
ILLINOIS FED. AID PROJECT				

PAVEMENT DESIGN INFORMATION

GOVERNING DESIGN PROCEDURE:	BLRM CHAPTER 44
ROADWAY FOR DESIGN:	SOUTH MATTIS AVENUE
ADT, CONSTRUCTION YEAR:	6,070, 2024
ADT, STRUCTURAL DESIGN TRAFFIC:	7,406, 2044
ADT, DESIGN PERIOD:	9,037, 2064
DESIGN PERIOD (YEARS):	40
CLASS	II
DISTIRBUTION, VEHICLE TYPES:	PV=97%, SU=1%, MU=1%
TRAFFIC FACTOR, FIG. 44-2A:	1.37
h (inches), FIG. 44-2B:	7.6
RELIABILITY, FIG. 44-2B:	90%
SUBGRADE, FIG. 44-2B:	POOR
SOIL SURVEY, AASHTO CLASSIFICATION:	A-7-5
%CLAY, SAND, SILT & P.I. :	32, 7, 61, 19
FIG. 44-6A:	POOR
FIG. 44-6D, Eri, ksi:	6.3
FIG. 44-6B, Eri, ksi:	10
AVG. Eri, ksi:	8.1
NCHRP REPORT CORRELATION	
FROM Eri TO IBV:	NOT USED
LOWEST IBV FROM FIELD:	2.9
FIG. 44-7B, w/IBV, REQ. h (Inches):	13
FIG. 44-2E MIN. h, GRANULAR SUBBASE:	4
MAXIMUM TRANSVERSE JOINT	12.5
SPACING (ft):	



PROPOSED TYPICAL SECTION
SOUTH MATTIS AVENUE
STA 4+80.21 TO STA. 6+56.02

LEGEND

- ① SUBBASE GRANULAR MATERIAL, TYPE B 8" (CA5) & TON QTY
- ② AGGREGATE BASE COURSE, TYPE A 4 INCH
- ③ AGGREGATE BASE COURSE, TYPE A 6 INCH
- ④ NO. 6 EPOXY COATED REINF. BAR 30" AT 36" CTS.
(NOT A SEPARATE PAY ITEM EXCEPT WHERE CURB IS CONNECTED TO EXIST. PAVEMENT)
- ⑤ COMB. CONC. CURB AND GUTTER, TYPE B-6.12 (MODIFIED)
- ⑥ COMB. CONC. CURB AND GUTTER, TYPE B-6.18
- ⑦ COMB. CONCRETE CURB AND GUTTER, TYPE B-6.24
- ⑧ P.C. CONCRETE PAVEMENT 9" (JOINTED)
- ⑨ P.C. CONCRETE SIDEWALK 6 INCH
- ⑩ SHOULDER RUMBLE STRIPS, 8 INCH

MODEL: Prop Typ 02
FILE: I:\AMES\X:\p\ConstructionFiles\2021\421-1003\CADD\CADD Sheets\21-1885 Mattis Ave - sht-tyt\skcal.dgn



USER NAME = Nick.Burris	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 20.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 10/1/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROPOSED TYPICAL SECTIONS
MATTIS AVENUE

SCALE: 1"=10' SHEET 5 OF 8 SHEETS PR TYP 02

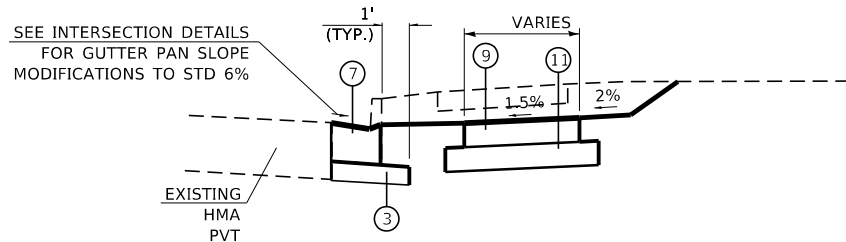
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7159	19-000314-00-PV	CHAMPAIGN	197	20
CONTRACT NO. 91642				
ILLINOIS FED. AID PROJECT				



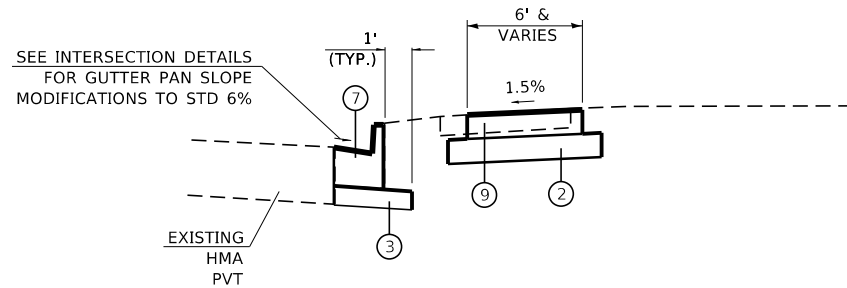
* STA 6+56.02 TO STA 9+00.00 - 2'
STA 9+00.00 TO STA 45+53.70 - 4'

STA 10+00 TO STA 16+50 - 2:1 FRONT AND BACK SLOPE
STA 17+00 TO STA 22+50 - NO DITCH (3:1 TO EXISTING)
STA 22+50 TO STA 35+00 - 2:1 FRONT AND BACK SLOPE
STA 38+70 TO STA 44+50 - NO DITCH (4:1 TO EXISTING)
STA 45+00 TO STA 45+53.70 - NO DITCH (6:1 TO EXISTING)

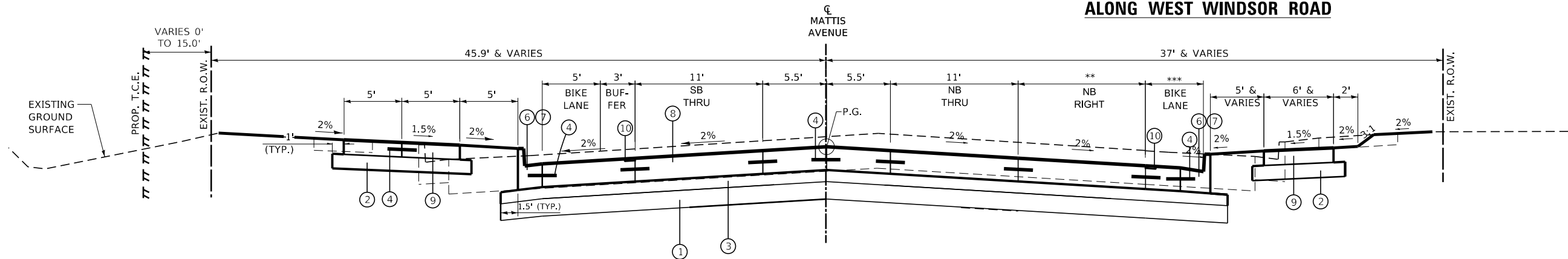
①	SUBBASE GRANULAR MATERIAL, TYPE B 8" (CA5) & TON QTY	⑧	P.C. CONCRETE PAVEMENT 9" (JOINTED)
②	AGGREGATE BASE COURSE, TYPE A 4 INCH	⑨	P.C. CONCRETE SIDEWALK 6 INCH
③	AGGREGATE BASE COURSE, TYPE A 6 INCH	⑩	SHOULDER RUMBLE STRIPS, 8 INCH
④	NO. 6 EPOXY COATED REINF. BAR 30" AT 36" CTS. (NOT A SEPARATE PAY ITEM EXCEPT WHERE CURB IS CONNECTED TO EXIST. PAVEMENT)		
⑤	COMB. CONC. CURB AND GUTTER, TYPE B-6.12 (MODIFIED)		
⑥	COMB. CONC. CURB AND GUTTER, TYPE B-6.18		
⑦	COMB. CONCRETE CURB AND GUTTER, TYPE B-6.24		



**PROPOSED CURB & BIKE PATH MODIFICATIONS
ALONG WEST WINDSOR ROAD**



**PROPOSED CURB (ONLY) MODIFICATIONS
ALONG WEST WINDSOR ROAD**

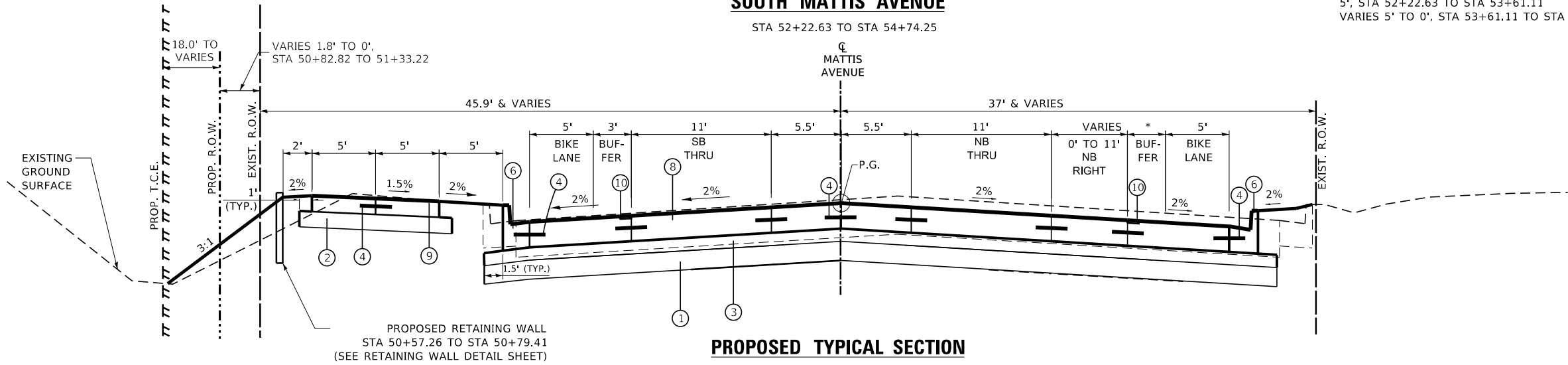


**PROPOSED TYPICAL SECTION
SOUTH MATTIS AVENUE**

STA 52+22.63 TO STA 54+74.25

** 11', STA 52+22.63 TO STA 53+87.44
VARIES 11'-68.97', STA 53+87.44 TO STA 54+74.25

*** 5', STA 52+22.63 TO STA 53+61.11
VARIES 5' TO 0', STA 53+61.11 TO STA 53+87.44



**PROPOSED TYPICAL SECTION
SOUTH MATTIS AVENUE**

STA 50+79.41 TO STA 52+22.63

* 3' STA 50+80.82 TO STA 51+93.72
VARIES 3'-0', STA 51+93.72 TO STA 52+22.63

LEGEND

- ① SUBBASE GRANULAR MATERIAL, TYPE B 8" (CA5) & TON QTY
- ② AGGREGATE BASE COURSE, TYPE A 4 INCH
- ③ AGGREGATE BASE COURSE, TYPE A 6 INCH
- ④ NO. 6 EPOXY COATED REINF. BAR 30" AT 36" CTS.
(NOT A SEPARATE PAY ITEM EXCEPT WHERE CURB IS CONNECTED TO EXIST. PAVEMENT)
- ⑤ COMB. CONC. CURB AND GUTTER, TYPE B-6.12 (MODIFIED)
- ⑥ COMB. CONC. CURB AND GUTTER, TYPE B-6.18
- ⑦ COMB. CONCRETE CURB AND GUTTER, TYPE B-6.24
- ⑧ P.C. CONCRETE PAVEMENT 9" (JOINTED)
- ⑨ P.C. CONCRETE SIDEWALK 6 INCH
- ⑩ SHOULDER RUMBLE STRIPS, 8 INCH

MODEL: Prop Typ 04
FILE NAME: X:\p\ConstructionFiles\2021\421-1003\CADD\CADD Sheets\21-1885 Mattis Ave - sht-ty04cal.dgn



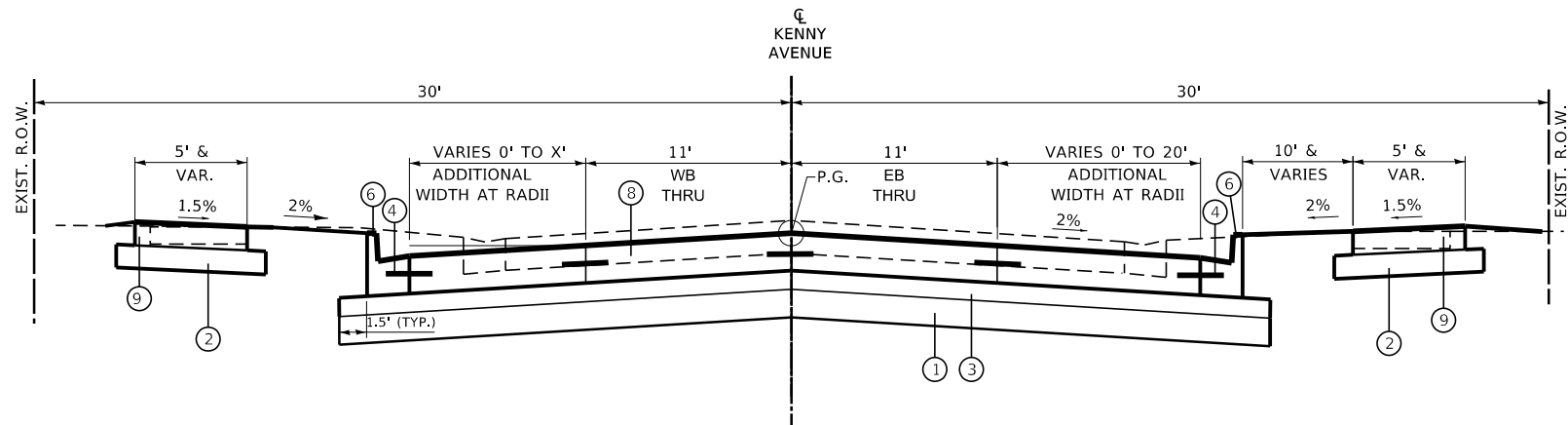
USER NAME = Nick.Burris	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 20.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 10/1/2025	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PROPOSED TYPICAL SECTIONS
MATTIS AVENUE**

SCALE: 1"=10' SHEET 7 OF 8 SHEETS PR TYP 04

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7159	19-000314-00-PV	CHAMPAIGN	197	22
CONTRACT NO. 91642				
ILLINOIS FED. AID PROJECT				



PROPOSED TYPICAL SECTION
KENNY AVENUE

STA 100+28.50 TO STA 100+95.50

LEGEND

- | | |
|---|---------------------------------------|
| ① SUBBASE GRANULAR MATERIAL, TYPE B 8" (CA5) & TON QTY | ⑧ P.C. CONCRETE PAVEMENT 9" (JOINTED) |
| ② AGGREGATE BASE COURSE, TYPE A 4 INCH | ⑨ P.C. CONCRETE SIDEWALK 6 INCH |
| ③ AGGREGATE BASE COURSE, TYPE A 6 INCH | ⑩ SHOULDER RUMBLE STRIPS, 8 INCH |
| ④ NO. 6 EPOXY COATED REINF. BAR 30" AT 36" CTS.
(NOT A SEPARATE PAY ITEM EXCEPT WHERE
CURB IS CONNECTED TO EXIST. PAVEMENT) | |
| ⑤ COMB. CONC. CURB AND GUTTER, TYPE B-6.12 (MODIFIED) | |
| ⑥ COMB. CONC. CURB AND GUTTER, TYPE B-6.18 | |
| ⑦ COMB. CONCRETE CURB AND GUTTER, TYPE B-6.24 | |

MODEL: Prop Typ 05
FILE: I:\AMEZ_X\2024\ConstructionFiles\2024\21-1003\CADD\CADD Sheets\21-1885 Mattis Ave - sht-typical.dgn



USER NAME = Nick.Burris	DESIGNED -	REVISED -
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PLOT DATE = 10/1/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROPOSED TYPICAL SECTIONS
MATTIS AVENUE

SCALE: 1"=10' SHEET 8 OF 8 SHEETS PR TYP 05

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7159	19-000314-00-PV	CHAMPAIGN	197	23
CONTRACT NO. 91642				
ILLINOIS FED. AID PROJECT				

MODEL: SDO_01
FILE: I:\DWG_X\Production\Files\2021\421-1003\CADD\CADD Sheets\21-1885_Mattis_Ave - sht-Schedules.dgn

TREE REMOVAL			
		20100110	20100120
START STA	LT./RT., A.R. = ACROSS ROAD	TREE REMOVAL 6 TO 15 UNITS DIAMETER	TREE REMOVAL OVER 15 UNITS DIAMETER
		UNIT	UNIT
SOUTH MATTIS AVENUE			
42+10.01	46' LT		18
42+10.60	55' LT		24
42+27.47	38' LT	14	
42+44.97	38' LT	14	
42+61.96	38' LT	14	
42+75.96	38' LT	14	
43+28.30	60' LT	12	
43+64.93	51' LT	14	
45+31.21	47' LT	14	
45+44.21	47' LT	14	
45+57.21	47' LT	14	
45+70.71	47' LT	14	
45+89.03	52' LT		24
TOTAL:		138	66
USE:		138	66

STORM SEWER CONNECTIONS SCHEDULE					
STA	LT/RT	STR NO.	X5510011	X5510012	X6025604
			PROPOSED STORM SEWER CONNECTION TO EXISTING MANHOLE	PROPOSED STORM SEWER CONNECTION TO EXISTING STORM SEWER	PROPOSED MANHOLE/CATCH BASIN CONNECTION OVER EXISTING STORM SEWER
			EACH	EACH	EACH
SOUTH MATTIS AVENUE					
42+83.00	21.48' LT	110			1
43+72.00	21.00' LT	112			1
45+04.50	19.51' LT	114			1
46+50.28	18.35' RT			1	
46+50.69	10.8' LT		1		
47+32.30	18.93' RT			1	
47+56.87	23.6' LT		1		
48+13.93	21.60' RT			1	
48+15.75	13.91' LT			1	
48+96.00	17.20' LT			1	
48+96.50	24.60' RT			1	
49+77.93	25.56' RT	127			1
49+78.95	21.30' LT			1	
50+60.35	19.90' LT			1	
50+60.69	25.56' RT	130			1
51+41.99	30.01' RT	131			1
51+42.68	23.00' LT			1	
52+40.26	24.96' LT			1	
52+40.91	32.40' RT			1	
53+38.94	19.25' LT	135			1
53+39.00	34.06' RT	138			1
54+34.41	29.96' LT	140			1
54+68.74	66.84' LT	146			1
55+56.70	45.46' RT	143			1
TOTAL:			2.0	11.0	11.0
USE:			2.0	11.0	11.0

EARTHWORK					
LOCATION	EARTH EXCAVATION	EARTH EXCAVATION (ADJUSTMENT FOR SHRINKAGE - 25%)	EMBANKMENT	TOP SOIL EXCAVATION AND PLACEMENT **	EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-)
	CY	CY	CY	CY	CY
SOUTH MATTIS AVENUE	11,983	8,987	18,315	2,786	-12,114
USE	11,985			2,786	12,115
* EMBANKMENT (12,521 PER CROSS-SECTIONS + 5,794 CY FOR PAVEMENT REMOVAL (ASSUMED 12" DEPTH))					
**4" OF TOPSOIL TO BE PLACED ON AREAS RECEIVING FILL THAT ARE TO BE SEEDED OR LANDSCAPED					

PAVEMENT REMOVAL						
START STA	END STA	LT./RT., A.R. = ACROSS ROAD	44000100	44000200	44000500	44000600
			PAVEMENT REMOVAL	DRIVEWAY PAVEMENT REMOVAL	COMBINA TION CONCRETE CURB AND GUTTER REMOVAL	SIDEWALK REMOVAL
			SQ YD	SQ YD	FOOT	SQ FT
MATTIS						
3+34.73	4+80.22	LT	223.43			
3+35.17	3+78.54	LT			43.64	
3+64.16	4+80.05	RT	124.38			
3+70.87	3+79.4	RT			8.61	
4+80.2	10+81.65	AR	3,314.86			
10+81.65	54+74.3	AR	13,719.99			
42+79.27	42+83.6	LT				83.94
43+32.49	43+36.39	LT				99.20
45+53.45	50+22.93	LT			499.45	
45+53.57	54+63.32	RT			920.04	
46+12.8	47+55.16	LT		73.64		
46+12.94	47+55.09	LT			142.15	
47+65.2	48+70.89	LT		64.13		
50+12.1	50+56.85	LT			44.76	
50+20.07	50+47.86	LT		81.63		
50+46.96	51+90.23	LT			174.82	
50+80.5	51+25.65	LT			45.15	
51+25.65	52+15.67	LT			162.09	
51+74.42	51+91.42	LT				246.06
51+89.31	52+14.47	LT		98.26		
52+12.14	54+66.47	LT			265.28	1646.77
53+97.94	54+64.08	RT				750.67
55+42.58	55+73.21	RT				455.67
55+43.67	55+78.78	LT				456.00
SUB-TOTALS:			17,382.7	317.7	2,306.0	3,738.3

PAVEMENT REMOVAL						
START STA	END STA	LT./RT., A.R. = ACROSS ROAD	44000100	44000200	44000500	44000600
			PAVEMENT REMOVAL	DRIVEWAY PAVEMENT REMOVAL	COMBINA TION CONCRETE CURB AND GUTTER REMOVAL	SIDEWALK REMOVAL
			SQ YD	SQ YD	FOOT	SQ FT
KENNY						
100+25.2	100+46.87	RT		23.33		
100+28.25	101+16.02	AR	253.52			
100+28.24	100+99.78	RT			71.76	
100+28.32	100+99.82	LT			71.67	
WINDSOR						
102+13.29	102+72.24	RT				457.22
102+13.56	102+75.1	LT				451.01
102+38.03	102+67.73	LT			29.70	
102+44.83	102+71.79	RT			26.96	
102+99.99	103+44.86	RT			45.45	
103+41.89	103+67.05	LT			35.10	
103+42.2	103+70.77	LT	13.54			
104+36.33	104+67.97	LT	14.93			
104+39.98	104+68.	LT			37.91	
104+63.46	105+09.55	RT			47.20	
105+00.2	105+62.66	LT				495.30
105+09.	105+40.	LT			30.62	
105+62.	105+89.	RT			26.66	
105+63.1	106+21.78	RT				433.34
SUB-TOTALS:			281.99	23.33	423.03	1,836.87
TOTAL:			17,664.65	340.99	2,729.02	5,575.18
USE:			17,665	341	2,729	5,575



USER NAME = Nick.Burris	DESIGNED -	REVISED -
	DRAWN -	REVISED -
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PLOT DATE = 10/8/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULES

SCALE: NTS SHEET 1 OF 11 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7159	19-000314-00-PV	CHAMPAIGN	197	24
CONTRACT NO. 91642				
ILLINOIS FED. AID PROJECT				

MODEL: SDO_02
FILE: I:\a\c\c\Production\Files\2021\421-1003\CADD\CADD Sheets\21-1885_Mattis_Ave - sht-Schedules.dgn

STORM SEWER AND DRAINAGE REMOVAL AND ADJUSTMENTS SCHEDULE										
START STA	END STA	LT/RT, AR = ACROSS ROAD	REMOVAL						ADJUSTMENTS	
			50104400	50105220	55100500	60500040	60500060	X5427602	60255500	60255800
			CONCRETE HEADWALL REMOVAL	PIPE CULVERT REMOVAL	STORM SEWER REMOVAL 12"	REMOVING MANHOLES	REMOVING INLETS	REMOVE EXISTING FLARED END SECTION	MANHOLES TO BE ADJUSTED	MANHOLES TO BE ADJUSTED WITH NEW TYPE 1 FRAME CLOSED LID
			EACH	FOOT	FOOT	EACH	EACH	EACH	EACH	EACH
SOUTH MATTIS AVENUE										
3+68.39		RT						1		
3+69.66	3+70.27	AR			7.00		1			
3+70.99		LT						1		
4+53.87	5+03.03	RT		49.00						
15+39.43	15+64.90	LT		26.00						
16+69.97	16+70.66	AR		32.00						
22+25.54	22+48.48	LT		23.00						
27+31.74	27+92.03	RT		60.00						
38+54.51	38+54.98	AR		31.00						
38+55.67		LT	1							
42+00.01		LT						1		
42+00.01	42+34.53	LT			35.00					
42+34.53		LT					1			
42+34.53	42+82.44	LT			48.00					
42+82.44		LT					1			
43+42.31		LT								1
43+72.00		LT				1				
44+12.23		LT								1
44+50.74		LT								1
45+04.50		LT				1				
45+04.68		LT								
45+58.13		LT								1
46+50.29		RT					1			
46+50.52		LT								1
47+32.05		LT								1
47+32.35		RT					1			
47+56.88		LT								1
SUB-TOTALS:			1.0	221.0	90.0	2.0	5.0	3.0	0	7

STORM SEWER AND DRAINAGE REMOVAL AND ADJUSTMENTS SCHEDULE											
START STA	END STA	LT/RT, AR = ACROSS ROAD	REMOVAL							ADJUSTMENTS	
			50104400	50105220	55100500	60500040	60500060	X5427602		60255500	60255800
			CONCRETE HEADWALL REMOVAL	PIPE CULVERT REMOVAL	STORM SEWER REMOVAL 12"	REMOVING MANHOLES	REMOVING INLETS	REMOVE EXISTING FLARED END SECTION	MANHOLES TO BE ADJUSTED	MANHOLES TO BE ADJUSTED WITH NEW TYPE 1 FRAME, CLOSED LID	
			EACH	FOOT	FOOT	EACH	EACH	EACH	EACH	EACH	
SOUTH MATTIS AVENUE											
48+13.74		LT					1				
48+15.72		RT					1				
48+16.56		LT							1		
48+96.13		LT					1				
48+96.54		RT					1				
48+97.60		RT							1		
49+77.67		LT					1				
49+78.95		RT					1				
50+60.33		LT					1				
50+60.52		RT					1				
50+60.62	50+61.44	RT			3.00						
51+41.94		LT					1				
51+42.67		RT					1				
52+40.26		LT					1				
52+40.91		RT					1				
53+38.61		LT					1				
53+38.61	53+40.05	AR			8.00						
53+40.05		RT							1		
54+16.59		RT							1		
54+35.31		RT					1				
54+35.36	54+56.17	RT			23.00						
54+56.34		RT				1					
54+59.80		RT							1		
54+63.98		RT							1		
54+68.74		LT				1					
SUB-TOTALS:			0.0	0.0	34.0	2.0	14.0	0.0	6.0	0.0	
TOTAL:			1.0	221.0	124.0	4.0	19.0	3.0	6.0	7.0	
USE:			1.0	221.0	124.0	4.0	19.0	3.0	6	7	



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	DRAWN -	REVISED -
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULES

SCALE: NTS SHEET 2 OF 11 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7159	19-000314-00-PV	CHAMPAIGN	197	25
			CONTRACT NO. 91642	
			ILLINOIS FED. AID PROJECT	

MODEL: SDO_03
FILE: I:\a11612_X:\Production\Files\2021\421-1003\CADD\CADD Sheets\21-1885_Mattis_Ave - sht\Schedules.dgn

EROSION CONTROL				
		28100105	28100107	X0324028
START STA	LTR., AR = ACROSS ROAD	STONE RIPRAP, CLASS A3	STONE RIPRAP, CLASS A4	GROUT FOR RIPRAP
		SQ YD	SQ YD	CU YD
SOUTH MATTIS AVENUE				
4+30.00	LT	8.58		1.89
4+52.74	LT	8.58		1.89
4+74.36	LT	8.58		1.89
5+25.00	LT	8.58		1.89
5+25.00	RT	8.58		1.89
5+71.10	LT	8.58		1.89
5+71.10	RT	8.58		1.89
6+50.00	RT	8.58		1.89
6+52.43	LT	8.58		1.89
12+00.00	LT	8.58		1.89
13+00.00	LT	8.58		1.89
14+00.00	LT	8.58		1.89
15+50.00	LT	8.58		1.89
15+75.00	LT	8.58		1.89
16+25.75	LT	8.58		1.89
16+70.00	LT		109.81	24.16
16+70.00	RT		41.31	9.09
17+25.00	LT	8.58		1.89
17+50.00	LT	8.58		1.89
17+75.00	LT	8.58		1.89
23+04.64	LT	8.58		1.89
23+25.00	LT	8.58		1.89
23+77.72	LT	8.58		1.89
24+25.00	LT	8.58		1.89
29+05.00	LT	8.58		1.89
29+30.00	LT	8.58		1.89
29+80.39	LT	8.58		1.89
30+30.00	LT	8.58		1.89
33+65.00	LT	8.58		1.89
34+15.00	LT	8.58		1.89
34+65.00	LT	8.58		1.89
35+15.00	LT	8.58		1.89
37+50.00	LT	8.58		1.89
37+75.00	LT	8.58		1.89
38+55.00	LT		226.78	49.89
38+55.00	RT		83.09	18.28
39+42.44	LT	8.58		1.89
39+90.00	LT	8.58		1.89
TOTAL:		292	461	165
USE:		292	461	165

EROSION CONTROL		
		28000305
STA	LT/R., AR = ACROSS ROAD	TEMPORARY DITCH CHECKS
		FOOT
SOUTH MATTIS AVENUE		
4+00.00	LT	10.0
6+00.00	LT	10.0
7+00.00	LT	10.0
7+00.00	RT	10.0
8+00.00	LT	10.0
10+00.00	LT	10.0
10+00.00	RT	10.0
12+00.00	RT	10.0
12+10.00	LT	10.0
14+00.00	RT	10.0
14+10.00	LT	10.0
16+00.00	RT	10.0
16+00.00	LT	10.0
19+00.00	LT	10.0
21+00.00	LT	10.0
25+00.00	RT	10.0
25+00.00	LT	10.0
27+00.00	RT	10.0
27+00.00	LT	10.0
29+00.00	RT	10.0
29+00.00	LT	10.0
31+00.00	LT	10.0
31+20.00	RT	10.0
33+00.00	LT	10.0
33+00.00	RT	10.0
35+00.00	LT	10.0
35+00.00	RT	10.0
37+00.00	LT	10.0
37+00.00	RT	10.0
38+00.00	LT	10.0
38+00.00	RT	10.0
40+65.00	LT	10.0
41+15.00	LT	10.0
41+65.00	LT	10.0
TOTAL:		340.0
USE:		340

EROSION CONTROL									
			25000110	25000400	25000500	25000600	25100115	K1005418	28000400
START STA	END STA	LT/R., AR = ACROSS ROAD	SEEDING, CLASS 1A	NITROGEN FERTILIZER NUTRIENT	PHOSPHORUS FERTILIZER NUTRIENT	POTASSIUM FERTILIZER NUTRIENT	MULCH METHOD 2	TEMPORARY SEEDING	PERIMETER EROSION BARRIER
			ACRE	POUND	POUND	POUND	ACRE	ACRE	FOOT
SOUTH MATTIS AVENUE									
3+30.20	42+94.49	LT	3.84	346.00	346.00	346.00	3.84	3.84	
3+33.46	4+66.51	RT	0.12	11.00	11.00	11.00	0.12	0.12	
4+90.51	25+66.32	RT	1.03	93.00	93.00	93.00	1.03	1.03	
9+00.00	16+53.12	RT							753.52
16+50.21	16+88.53	LT							51.05
16+84.98	25+66.32	RT							912.02
25+81.55	27+54.09	RT							232.00
25+81.56	27+54.09	RT	0.11	10.00	10.00	10.00	0.11	0.11	
27+74.94	54+62.68	RT	1.13	102.00	102.00	102.00	1.13	1.13	
27+89.05	29+96.31	RT							236.99
30+12.31	38+25.00	RT							812.69
38+34.11	38+76.44	LT							69.33
38+85.00	54+54.82	RT							1,596.52
43+20.51	50+22.25	LT	0.21	19.00	19.00	19.00	0.21	0.21	
50+46.82	51+90.21	LT	0.07	6.00	6.00	6.00	0.07	0.07	
52+14.72	54+59.08	LT	0.12	11.00	11.00	11.00	0.12	0.12	
55+44.00	55+86.63	RT	0.01	1.00	1.00	1.00	0.01	0.01	
55+45.95	55+89.11	LT	0.01	1.00	1.00	1.00	0.01	0.01	
WINDSOR									
102+15.73	102+79.01	LT	0.01	1.00	1.00	1.00	0.01	0.01	
103+24.89	103+41.70	LT	0.01	1.00	1.00	1.00	0.01	0.01	
104+68.36	105+63.29	LT	0.01	1.00	1.00	1.00	0.01	0.01	
102+16.87	102+79.26	RT	0.01	1.00	1.00	1.00	0.01	0.01	
103+00.88	103+41.70	RT	0.01	1.00	1.00	1.00	0.01	0.01	
104+68.36	106+15.71	RT	0.02	2.00	2.00	2.00	0.02	0.02	
TOTAL:			6.72	607.0	607.0	607.0	6.72	6.72	4,664.1
USE:			6.75	608	608	608	6.75	6.75	4,664

EROSION CONTROL		
		28000500
STA	LT/R., AR = ACROSS ROAD	INLET AND PIPE PROTECTION
		EACH
SOUTH MATTIS AVENUE		
3+67.93	62.11' LT	1
3+83.06	64.08' LT	1
3+67.93	52.81' RT	1
4+23.43	49.96' RT	1
5+08.85	41.76' RT	1
25+47.94	36.18' RT	1
27+23.00	36.10' RT	1
29+86.25	36.02' RT	1
29+82.23	56.65' LT	1
42+00.10	14.1' LT	1
42+34.50	16.0' LT	1
42+82.46	21.48' LT	1
43+27.30	20.0' LT	1
43+42.15	18.8' LT	1
43+72.00	21.44' LT	1
43+72.00	51.58' LT	1
44+12.00	21.0' LT	1
44+50.50	21.0' LT	1
45+04.68	19.65' LT	1
45+58.26	24.0' LT	1
46+04.97	47.64' LT	1
47+56.88	23.6' LT	1
47+59.94	44.63' LT	1
48+75.49	46.50' LT	1
51+72.00	59.6' LT	1
54+14.41	63.8' LT	1
54+42.04	90.1' LT	1
TOTAL:		27
USE:		27

EROSION CONTROL		
		28000510
STA	LT/R., AR = ACROSS ROAD	INLET FILTERS
		EACH
SOUTH MATTIS AVENUE		
3+69.68	RT	1.00
3+70.22	LT	1.00
3+70.27	LT	1.00
4+30.00	LT/RT	2.00
4+52.74	LT/RT	2.00
4+74.36	LT/RT	2.00
5+25.00	LT/RT	2.00
5+71.10	LT/RT	2.00
6+50.00	RT	1.00
6+52.43	LT	1.00
12+00.00	LT/RT	2.00
13+00.00	LT	1.00
14+00.00	LT/RT	2.00
15+50.00	LT/RT	2.00
15+74.98	RT	1.00
15+75.00	LT	1.00
16+27.30	LT/RT	2.00
17+25.00	LT/RT	2.00
17+50.00	LT/RT	2.00
17+75.00	LT	1.00
22+75.13	LT	1.00
23+25.00	LT/RT	2.00
23+77.59	LT/RT	2.00
24+24.87	RT	1.00
24+25.13	LT	1.00
29+05.00	LT	1.00
29+30.00	LT/RT	2.00
29+78.66	LT/RT	2.00
30+30.00	LT/RT	2.00
33+65.00	LT/RT	2.00
34+15.00	LT/RT	2.00
34+65.15	LT/RT	2.00
35+15.00	LT/RT	2.00
37+50.00	LT/RT	2.00
37+75.00	LT/RT	2.00
39+34.44	LT	1.00
39+42.44	RT	1.00
39+90.00	LT/RT	3.00
42+50.21	RT	1.00
SUB TOTAL:		63.00

EROSION CONTROL		
		28000510
STA	LT/R., AR = ACROSS ROAD	INLET FILTERS
		EACH
SOUTH MATTIS AVENUE		
42+82.46	LT	1.00
45+04.79	LT/RT	2.00
46+50.30	LT/RT	2.00
46+50.65	LT/RT	2.00
47+32.18	RT	1.00
47+32.30	RT	1.00
47+32.35	RT	1.00
48+13.16	LT	1.00
48+15.08	LT	1.00
48+95.26	RT	1.00
48+96.52	RT	1.00
49+77.95	LT	1.00
49+78.69	LT	1.00
50+60.10	RT	1.00
50+60.69	RT	1.00
51+42.00	LT	1.00
51+42.61	LT	1.00
52+40.16	RT	1.00
52+40.80	LT	1.00
52+94.24	LT	1.00
53+04.04	LT	1.00
53+38.96	LT	1.00
53+38.98	RT	1.00
53+64.07	RT	1.00
54+18.55	RT	1.00
54+28.92	LT	1.00
54+33.05	RT	1.00
54+37.83	LT	1.00
54+56.84	RT	1.00
56+17.71	RT	1.00
56+17.81	LT	1.00
WINDSOR		
102+11.98	RT	1.00
102+70.14	LT	1.00
102+74.03	RT	1.00
103+35.77	RT	1.00
105+88.91	LT	1.00
105+90.23	RT	1.00
SUB TOTAL:		40.00
TOTAL:		103.00
USE:		103



USER NAME = Nick,Burrus	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 10.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 10/8/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULES

SCALE: NTS SHEET 3 OF 11 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7159	19-000314-00-PV	CHAMPAIGN	197	26
				CONTRACT NO. 91642
		ILLINOIS	FED. AID PROJECT	

MODEL: SDO_04
FILE: I:\A\1152_X\Production\Files\3102\11421-1003\CADD\SCH\21-1885_Mattis_Ave - sht\Schedules.dgn

STORM SEWER STRUCTURE SCHEDULE - END SECTIONS				
STA	LT/RT	STR NO.	54213657	54213660
			PRECAST REINFORCED CONCRETE FLARED END SECTIONS 12"	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 15"
			EACH	EACH
SOUTH MATTIS AVENUE				
3+83.06	64.08' LT	10	1	
4+30.00	61.67' LT	11	1	
4+52.74	61.46' LT	13	1	
4+74.36	61.30' LT	15	1	
5+08.85	41.76' RT	7		1
5+25.00	60.87' LT	17	1	
5+25.18	41.59' RT	19	1	
5+71.10	60.47' LT	21	1	
5+71.10	43.25' RT	23	1	
6+50.00	43.50 RT	27	1	
6+52.43	55.27' LT	25	1	
12+00.00	56.85' LT	29	1	
13+00.00	56.09' LT	30	1	
14+00.00	55.38' LT	34	1	
15+50.00	54.27' LT	37	1	
15+75.00	54.18' LT	40	1	
16+25.75	54.23' LT	43	1	
17+25.00	54.96' LT	46	1	
17+50.00	55.11' LT	49	1	
17+75.00	55.25' LT	52	1	
23+04.64	53.23' LT	54	1	
23+25.00	53.69' LT	56	1	
23+77.72	54.80' LT	59	1	
24+25.00	55.59' LT	62	1	
25+47.94	37.68' RT	65		1
26+00.11	36.75' RT	66		1
27+23.00	35.83' RT	67		1
27+91.16	35.32' RT	68		1
29+05.00	54.71' LT	69	1	
29+30.00	54.55' LT	71	1	
29+80.39	54.66' LT	74	1	
29+82.23	56.65' LT	82		1
29+86.25	34.31' RT	80		1
30+22.41	34.67' RT	81		1
30+26.39	57.24' LT	83		1
30+30.00	55.43' LT	77	1	
33+65.00	55.61' LT	84	1	
34+15.00	54.75' LT	87	1	
34+65.00	54.75' LT	90	1	
35+15.00	54.75' LT	93	1	
37+50.00	55.32' LT	96	1	
37+75.00	54.80' LT	99	1	
39+42.44	56.40' LT	102		1
39+90.00	56.33' LT	106		1
TOTAL:			33	11
USE:			33	11

S TORM SEWER STRUCTURE SCHEDULE - INLETS								
STA	LT/RT	STR NO.	60235700	60235705	60236200	60236600	60240220	60240222
			INLETS, TYPE A, TYPE 3 FRAME AND GRA TE	INLETS, TYPE A, TYPE 3V FRAME AND GRA TE	INLETS, TYPE A, TYPE 8 GRA TE	INLET, TYPE A, TYPE 9 FRAME AND GRA TE	INLET, TYPE B, TYPE 3 FRAME AND GRA TE	INLETS, TYPE B, TYPE 3V FRAME AND GRA TE
			EACH	EACH	EACH	EACH	EACH	EACH
SOUTH MATTIS AVENUE								
3+70.20	31.56' LT	8		1				
4+30.00	19.68' RT	6		1				
4+30.00	31.56' LT	12		1				
4+52.74	31.56' LT	14		1				
4+74.36	31.56' LT	16	1					
4+74.36	25.56' RT	5				1		
5+25.00	28.98' LT	18		1				
5+25.00	25.56' RT	20		1				
5+71.10	25.56' RT	24		1				
5+71.10	32.70' LT	22		1				
6+50.00	26.07' LT	26		1				
6+50.00	25.56' RT	28		1				
12+00.00	25.56' LT	30		1				
12+00.00	25.56' RT	31		1				
13+00.00	25.56' LT	33		1				
14+00.00	25.56' LT	35		1				
14+00.00	25.56' RT	36		1				
15+50.00	25.56' LT	38		1				
15+50.00	25.56' RT	39		1				
15+75.00	25.56' LT	41		1				
15+75.00	25.56' RT	42		1				
16+25.75	25.56' LT	44	1					
16+25.75	25.56' RT	45	1					
17+25.00	25.56' LT	46		1				
17+25.00	25.56' RT	48		1				
17+50.00	25.56' LT	50		1				
17+50.00	25.56' RT	51		1				
17+75.00	25.56' LT	53		1				
22+75.00	25.56' LT	55		1				
23+25.00	25.56' LT	57		1				
23+25.00	25.56' RT	58		1				
23+77.72	25.56' RT	61	1					
23+77.72	25.56' LT	60					1	
24+25.00	25.56' LT	63		1				
24+25.00	25.56' RT	64		1				
29+05.00	25.56' LT	70		1				
29+30.00	25.56' LT	72		1				
29+30.00	25.56' RT	73		1				
29+80.39	25.56' LT	75	1					
29+80.39	25.56' RT	76	1					
30+30.00	25.56' LT	78		1				
30+30.00	25.56' RT	79		1				
33+65.00	25.56' LT	85		1				
33+65.00	25.56' RT	86		1				
34+15.00	25.56' LT	88		1				
34+15.00	25.56' RT	89		1				
34+65.00	25.56' LT	91	1					
SUB-TOTALS:			7	38	0	1	1	0

STORM SEWER STRUCTURE SCHEDULE - INLETS								
STA	LT/RT	STR NO.	60235700	60235705	60236200	60236600	60240220	60240222
			INLETS, TYPE A, TYPE 3 FRAME AND GRATE	INLETS, TYPE A, TYPE 3V FRAME AND GRATE	INLETS, TYPE A, TYPE 8 GRATE	INLET, TYPE A, TYPE 9 FRAME AND GRATE	INLET, TYPE B, TYPE 3 FRAME AND GRATE	INLETS, TYPE B, TYPE 3V FRAME AND GRATE
			EACH	EACH	EACH	EACH	EACH	EACH
SOUTH MA TTIS AVENUE								
34+65.00	25.56' RT	92	1					
35+15.00	25.56' LT	94		1				
35+15.00	25.56' RT	95		1				
37+50.00	25.56' LT	97		1				
37+50.00	25.56' RT	98		1				
37+75.00	25.56' LT	100		1				
37+75.00	25.56' RT	101		1				
39+34.44	25.56' LT	104	1					
39+42.44	25.56' RT	105	1					
39+90.00	25.56' LT	107		1				
39+90.00	25.56' RT	108		1				
42+50.18	25.56' LT	109	1					
42+82.46	25.56' RT	111		1				
43+72.00	51.58' LT	113			1			
45+05.00	25.56' LT	115		1				
45+05.00	25.56' RT	116		1				
46+04.97	47.64' LT	118			1			
46+50.00	25.56' RT	119		1				
46+50.73	26.06' LT	117						1
47+32.30	25.56' RT	121		1				
47+59.94	44.62' LT	120			1			
48+13.16	25.56' RT	123		1				
48+15.07	25.56' LT	122		1				
48+75.49	46.5' LT	125			1			
48+95.26	26.06' LT	124						1
48+96.52	25.56' RT	126		1				
49+77.93	25.56' RT	127		1				
49+78.69	25.56' LT	128		1				
50+60.10	25.56' LT	129		1				
50+60.69	25.56' RT	130		1				
51+41.99	30.01' RT	131		1				
51+42.61	25.56' LT	132		1				
52+40.16	25.56' LT	133		1				
52+40.80	33.55' RT	134		1				
52+94.24	26.06' LT	137	1					
53+04.03	25.56' LT	136					1	
53+39.00	34.06' RT	138						1
53+64.07	33.56' RT	139	1					
54+14.98	31.20' RT	145	1					
54+24.95	34.06' LT	141	1					
54+30.01	34.83' RT	144					1	
54+37.77	37.14' LT	142	1					
SUB-TOTALS:			9	24	4	0	2	3
TOTAL:			16	62	4	1	3	3
USE:			16	62	4	1	3	3



USER NAME = Nick.Burrus	DESIGNED -	REVISED -
PLOT SCALE = 10.0000 ' / in.	DRAWN -	REVISED -
PLOT DATE = 10/8/2025	CHECKED -	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULES

SCALE: NTS SHEET 4 OF 11 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7159	19-000314-00-PV	CHAMPAIGN	197	27
				CONTRACT NO. 91642
		ILLINOIS	FED. AID PROJECT	

MODEL: SDO_05
FILE: I:\a\1612_1003\CADD\Production\Files\2021\421-1003\CADD\Sheet\21-1885_Mattis_Ave - sht-Schedules.dgn

STORM SEWER STRUCTURE SCHEDULE - MANHOLES								
STA	LT/RT	STR NO.	60218400	60218500	60219000	60219100	60219570	60221100
			MANHOLES, TYPE A, 4'- DIAMETER, TYPE 1 FRAME, CLOSED LID	MANHOLES, TYPE A, 4'- DIAMETER, TYPE 3 FRAME AND GRATE	MANHOLES, TYPE A, 4'- DIAMETER, TYPE 8 GRA TE	MANHOLES, TYPE A, 4'- DIAMETER, TYPE 9 FRAME AND GRATE	MANHOLES, TYPE A, 4'- DIAMETER, TYPE 3V FRAME AND GRATE	MANHOLES, TYPE A, 5'- DIAMETER, TYPE 1 FRAME, CLOSED LID
			EACH	EACH	EACH	EACH	EACH	EACH
SOUTH MATTIS AVENUE								
3+67.25	62.11' LT	9			1			
3+67.93	52.81' RT	1	1					
4+23.43	49.96' RT	2			1			
4+52.49	42.66' RT	3	1					
4+52.74	26.99' RT	4				1		
38+59.10	58.46' RT				1			
39+42.44	26.56' LT	105		1				
42+83.00	21.48' LT	110	1					
43+72.00	21.00' LT	112	1					
53+38.94	19.25' LT	135					1	
54+34.41	29.96' LT	140	1					
54+68.74	66.84' LT	146		1				
55+56.70	45.46' RT	143		1				
45+04.50	19.51' LT	114						1
TOTAL:			5	3	3	1	1	1

STORM SEWER AND DRAINAGE SCHEDULE					
START STR	END STR	542A0220	550A0050	550A0070	59300100
		PIPE CULVERTS, CLASS A, TYPE 1 15"	STORM SEWERS, CLASS A, TYPE 1 12"	STORM SEWERS, CLASS A, TYPE 1 15"	CONTROLLED LOW STRENGTH MATERIAL
		FOOT	FOOT	FOOT	CU YD
SOUTH MATTIS AVENUE					
1	2			50.8	
2	3			25.2	
3	4		10.9		
3	7			48.0	3.78
4	5		18.5		2.26
4	6		21.0		2.55
11	12		23.4		2.20
13	14		23.2		2.20
15	16		23.0		2.20
17	18		24.9		2.10
19	20		9.0		0.26
21	22		21.0		2.00
23	24		10.5		0.26
25	26		22.6		2.20
27	28		11.0		0.26
29	30		26.5		3.17
30	31		50.0		5.97
32	33		23.8		2.74
34	35		23.0		2.32
35	36		50.0		5.92
37	38		22.9		2.16
38	39		50.0		5.92
40	41		21.9		2.16
41	42		50.0		5.92
43	44		21.9		2.16
44	45		50.0		5.92
46	47		22.7		2.16
47	48		50.0		5.92
49	50		23.1		2.16
50	51		50.0		5.92
52	53		23.1		2.16
54	55		33.8		3.21
56	57		21.4		2.16
57	58		50.0		5.92
59	60		22.5		2.16
60	61		50.0		5.92
62	63		23.3		2.66
63	64		50.0		5.92
65	66	40.0			3.32
67	68	56.0			5.28
69	70		22.4		2.16
71	72		22.4		2.16
72	73		50.0		5.92
74	75		22.4		2.16
75	76		50.0		5.92
77	78		23.2		2.32
78	79		50.0		5.92
80	81	24.0			2.99
SUB-TOTALS:		120.0	1,269.3	124.0	151.1

NOTE: THERE IS ADDITIONAL CONTROLLED LOW STRENGTH MATERIAL QUANTITY ASSOCIATED WITH THE PROPOSED BOX CULVERTS

STORM SEWER AND DRAINAGE SCHEDULE					
START STR	END STR	542A0220	550A0050	550A0070	59300100
		PIPE CULVERTS, CLASS A, TYPE 1 15"	STORM SEWERS, CLASS A, TYPE 1 12"	STORM SEWERS, CLASS A, TYPE 1 15"	CONTROLLED LOW STRENGTH MATERIAL
		FOOT	FOOT	FOOT	CU YD
SOUTH MATTIS AVENUE					
82	83	32.0			6.26
84	85		23.3		2.24
85	86		50.0		5.92
87	88		22.4		2.24
88	89		50.0		5.92
90	91		22.4		2.24
91	92		50.0		5.92
93	94		22.5		2.24
94	95		50.0		5.92
96	97		23.0		2.24
97	98		50.0		5.92
99	100		22.7		2.24
100	101		50.0		5.92
102	103			24.1	2.56
103	104		5.5		0.55
103	105		50.0		5.92
106	107		24.0		2.86
107	108		50.0		5.92
109	110		29.7		6.78
110	111		44.1		7.87
112	113		27.0		2.81
114	115		2.2		0.11
114	116		41.3		7.79
EX SIR	117		11.2		1.70
117	118		48.5		5.77
EX SS	119		8.0		4.71
EX STR	120		19.7		
EX SS	121		6.1		3.63
EX SS	122		11.1		2.63
EX SS	123		3.9		0.85
EX SS	124		7.2		1.53
124	125		27.3		3.03
EX SS	126		2.0		0.45
EX SS	128		5.6		0.91
EX SS	129		5.4		0.62
EX SS	132		3.4		0.57
EX SS	133		1.5		0.17
EX SS	134		1.9		0.20
135	136		33.0		4.27
136	137		7.7		0.84
138	139		24.7		2.82
140	141		4.2		0.38
140	142		5.4		0.53
143	144		26.8		3.36
144	145		12.5		1.47
SUB-TOTALS:		32.0	987.2	24.1	138.8
TOTAL:		152.0	2,256.5	148.1	289.9
USE:		152	2,257	148	290



USER NAME = Nick.Burris	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 10.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 10/8/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULES

SCALE: NTS SHEET 5 OF 11 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7159	19-000314-00-PV	CHAMPAIGN	197	28
CONTRACT NO. 91642				
ILLINOIS FED. AID PROJECT				

MODEL: SDO_06
FILE: I:\DWG_X\Production\Files\202\1421-1003\CADD\Sheets\21-1885_Mattis_Ave - sht-Schedules.dgn

PAVING SCHEDULE - SOUTH MATTIS AVE (1/2)																			
START STA	END STA	LT./RT., A.R.=ACROSS ROAD	COMMENT	31101600	35100300	35100500	X4020900	X442021	42000401	42000540	42300200	423000400	42400300	42400800	60603800	60604100	60604400	60605000	64200108
				SUBBASE GRANULAR MATERIAL, TYPE B 8"	AGGREGATE BASE COURSE, TYPE A 4"	AGGREGATE BASE COURSE, TYPE A 6"	AGGREGATE SURFACE COURSE, TYPE B (SPECIAL)	PAVEMENT PATCHING (SPECIAL)	PORTLAND CEMENT CONCRETE PAVEMENT 9" (JOINTED)	PORTLAND CEMENT CONCRETE PAVEMENT 12"	P.C.C. DRIVEWAY PAVEMENT, 6 INCH	P.C.C. DRIVEWAY PAVEMENT, 8 INCH	P.C.C. SIDEWALK 6 INCH	DETECTABLE WARNINGS	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12 (MODIFIED)	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.18	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24	SHOULDER RUMBLE STRIPS, 8 INCH
				SQ YD	SQ YD	SQ YD	SQ YD	SQ YD	SQ YD		SQ YD	SQ YD	SQ FT	SQ FT	FOOT	FOOT	FOOT	FOOT	FOOT
SOUTH MATTIS AVENUE																			
3+34.03	4+55.57	RT			106.76														
3+34.08	8+88.42	LT			761.30														
3+34.24	3+49.75	LT				5.52				5.52									
3+34.25	4+80.19	LT		66.23															
3+35.02	4+51.27	RT											713.64						
3+35.08	54+64.90	LT											49,730.85						
3+35.14	5+01.02	LT																166.96	
3+64.04	3+79.34	LT				19.90													
3+64.04	4+12.56	RT				21.25													
3+64.04	3+79.34	LT								19.90									
3+64.04	4+12.56	RT								21.25									
3+64.16	4+36.48	RT		51.60															
3+70.83	4+35.52	RT																65.13	
4+20.80	4+35.80	RT				20.70													
4+20.80	4+80.19	LT				78.09				78.09									
4+20.80	4+35.80	RT								20.70									
4+24.44	54+78.01	AR		30,771.45		30,771.45													
4+39.00	4+80.18	RT								24.82									
4+51.27	53+66.12	RT															4,914.85		
4+78.53		24.5' RT					116.10												
4+80.19	54+78.01	AR							23,933.39										
5+00.00	50+79.00	RT																	4,319.20
5+01.02	5+58.62	LT															65.24		
5+69.68	42+27.75	LT															3,659.01		
5+82.70	19+76.39	AR													2,788.37				
6+55.00	51+80.00	LT																	2,628.00
8+88.42	9+12.42	LT	DRIVEWAY		40.84		64.00					60.49							
9+12.42	22+01.04	LT			1,718.28														
22+01.04	22+25.04	LT	DRIVEWAY		40.69		106.70					95.74							
22+25.04	32+01.25	LT			1,302.36														
22+37.80		32.40' LT					25.10												
22+38.91	25+48.67	AR														621.74			
25+74.66		24.5' RT					105.60												
27+61.83		24.5' RT					195.80												
30+04.33		24.5' RT					54.90												
31+63.91	40+70.95	AR														1,815.10			
32+01.25	32+21.25	LT	DRIVEWAY		34.17		44.44					53.81							
32+21.25	42+90.57	LT			1,405.95														
42+57.19	42+88.04	LT												54.18					
43+22.01	50+20.96	LT			923.31														
43+23.68	43+34.49	LT												26.92					
43+33.30	48+72.31	AR														1,079.59			
43+48.43	53+21.96	LT															973.90		
46+12.89	47+54.88	43.58' LT													141.99				
46+89.11	47+55.88	LT	PARKING LOT		73.04					31.55									
47+64.29	48+71.90	LT	PARKING LOT		54.94					23.47									
47+65.29	48+70.91	43.59' LT													105.62				
SUB-TOTALS:				30,889.3	6,461.6	30,916.9	712.6	0.0	23,933.4	170.3	55.0	210.0	50,444.5	81.1	247.6	6,304.8	9,613.0	232.1	6,947.2



LOCHMUELLER GROUP
201 West Springfield Avenue, Suite 1012
Champaign, IL 61820
PHONE: 217.673.7633

USER NAME = Nick.Burrus	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 10.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 10/8/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULES

SCALE: NTS SHEET 6 OF 11 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7159	19-000314-00-PV	CHAMPAIGN	197	29
CONTRACT NO. 91642				
ILLINOIS FED. AID PROJECT				

MODEL: SDO_08
FILE: I:\a\c\c\Production\Files\2021\421-1003\CADD\DD Sheets\21-1885_Mattis_Ave - sht-Schedules.dgn

PAVING SCHEDULE - KENNEY AVE & WINDSOR												
				31101600	35100300	35100500	42000401	42300200	42400300	60604400	60605000	X6062400
START STA	END STA	LT/RT,, A.R.=A CROSS ROAD	COMMENT	SUBBASE GRANULAR MATERIAL, TYPE B 8"	AGGREGA TE BASE COURSE, TYPE A 4"	AGGREGATE BASE COURSE, TYPE A 6"	PORTLAND CEMENT CONCRETE PAVEMENT 9" (JOINTED)	P.C.C. DRIVEWAY PAVEMENT, 6 INCH	P.C.C. SIDEWALK 6 INCH	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.18 FOOT	COMBINA TION CONCRETE CURB AND GUTTER, TYPE B-6.24 FOOT	CONCRETE GUTTER (SPECIAL)
				SQ YD	SQ YD	SQ YD	SQ YD	SQ YD	SQ FT	FOOT	FOOT	
KENNEY AVE												
100+24.18	100+47.94	RT	DRIVEWAY		26.03			23.56				
100+28.27	100+37.66	LT										10.00
100+28.27	100+56.91	RT										28.65
100+37.66	100+93.79	LT								71.94		
100+54.27	100+77.30	LT			17.73				118.00			
100+54.55	100+77.53	RT			17.69				118.00			
100+56.91	100+94.41	RT								87.30		
100+28.26	100+95.50	AR					231.88					
WINDSOR												
102+13.29	102+72.24	RT			79.93				552.20			
102+13.56	102+75.10	LT			75.40				511.18			
102+37.75	102+67.73	LT		13.72		13.72					29.70	
102+44.83	102+71.78	RT		11.60		11.60					26.96	
105+00.20	105+62.66	LT			80.04				554.65			
105+09.08	105+39.70	LT		13.58		13.58					30.62	
105+62.19	105+88.86	RT		11.95		11.95					26.67	
105+63.10	106+21.78	RT			79.60				548.46			
SUB-TOTAL				50.85	376.42	50.85	231.88	23.56	2,402.49	159.24	113.95	38.65
MATTIS TOTALS				30,922.33	7,481.36	30,949.96	23,962.36	55.02	52,408.65	9,613.00	636.27	
TOTAL:				30,973.2	7,857.8	31,000.8	24,194.2	78.6	54,811.1	9,772.2	750.2	38.7
USE:				30,973	7,858	31,001	24,194	79	54,811	9,772	750	39

NOTE: ADDITIONAL QUANTITIES FOR SUBBASE GRANULAR MATERIAL, TYPE B 8", AGGREGATE BASE COURSE, TYPE A 4", AGGREGATE BASE COURSE, TYPE A 6", PORTLAND CEMENT CONCRETE PAVEMENT 9" (JOINTED), P.C.C. DRIVEWAY PAVEMENT, 6 INCH, P.C.C. SIDEWALK 6 INCH, COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.18, AND COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24 LOCATED IN PAVING SCHEDULE - SOUTH MATTIS AVENUE

SIGNAGE								
STA	OFFSET	SIGN CODE	72000100	72000200	72400100	72400200	72800100	73000100
			SIGN PANEL - TYPE 1	SIGN PANEL - TYPE 2	REMOVE SIGN PANEL ASSEMBLY - TYPE A	REMOVE SIGN PANEL ASSEMBLY - TYPE B	TELESCOPING STEEL SIGN SUPPORT	WOOD SIGN SUPPORT
			SQ FT	SQ FT	EACH	EACH	FOOT	FOOT
SOUTH MATTIS AVENUE								
5+02.00	35.5' LT	R3-7R-3030	6.25				15.5	
		R3-7bP-2412	2.00					
5+25.00	RT				1			
5+39.00	29.5' RT	R3-17-3024	5.00				14.0	
5+87.00	2.5' RT	R3-17-2430	5.00				14.5	
6+40.00	29.5' LT	R2-1-2430	5.00				14.5	
6+56.00	29.5' RT	R9-20-3030	6.25				14.5	
7+50.00	29.0' LT	R3-17-3024	5.00				15.0	
		R3-17bP-3012	2.50					
8+50.00	29.0' LT	R3-8b-4830		10.00				14.5
19+72.00	2.5' LT	R3-17-2430	5.00				14.5	
22+50.00	0	R3-17-2430	5.00				14.5	
25+39.00	0	R3-17-2430	5.00				14.5	
26+10.00	29.5' RT	R3-9B-2436	6.00				15.0	
31+70.00	2.4' RT	R3-17-2430	6.00				14.5	
31+75.00	29.5' LT	R3-9B-2436	6.00				15.0	
40+67.00	2.5' LT	R3-17-2430	5.00				14.5	
40+80.00	29.5' RT	R2-1-2430	5.00				14.5	
41+63.28	RT				1			
41+66.71	LT				1			
41+80.00	29.5' LT	R3-17-3024	5.00				14.0	
43+43.00	0	R3-17-2430	5.00				14.5	
44+00.00	29.5' RT	R3-17-3024	5.00				14.0	
45+00.00	29.5' LT	R2-1-2430	5.00				14.5	
48+66.00	2.5' LT	R3-17-2430	5.00				14.5	
48+80.00	29.5' RT	R3-8b-4830		10.00				14.5
49+80.00	29.5' RT	R3-17-3024	5.00				15.0	
		R3-17bP-3012	2.50					
50+80.00	29.5' RT	R9-20-3030	6.25				14.5	
51+30.00	29.5' LT	R2-1-2430	5.00				14.5	
52+23.00	37.5' RT	R3-7R-3030	6.25				15.5	
		R3-7bP-2412	2.00					
52+25.00	29.5' LT	R3-17-3024	5.00				14.0	
53+59.66	LT				1			
58+00.00	32.5' LT	R3-7R-3030	6.25				15.0	
		R3-7bP-2412	2.00					
KENNY AVENUE								
100+65.85	RT					1		
100+72.00	18.0' RT	R1-1-3030	6.25				16.5	
		D3-1-0630	1.25					
		D3-1-0630	1.25					
TOTAL:			154.0	20.0	4	1	382	29
USE:			154.0	20.0	4	1	382	29



USER NAME = Nick.Burris	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 10.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 10/8/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULES

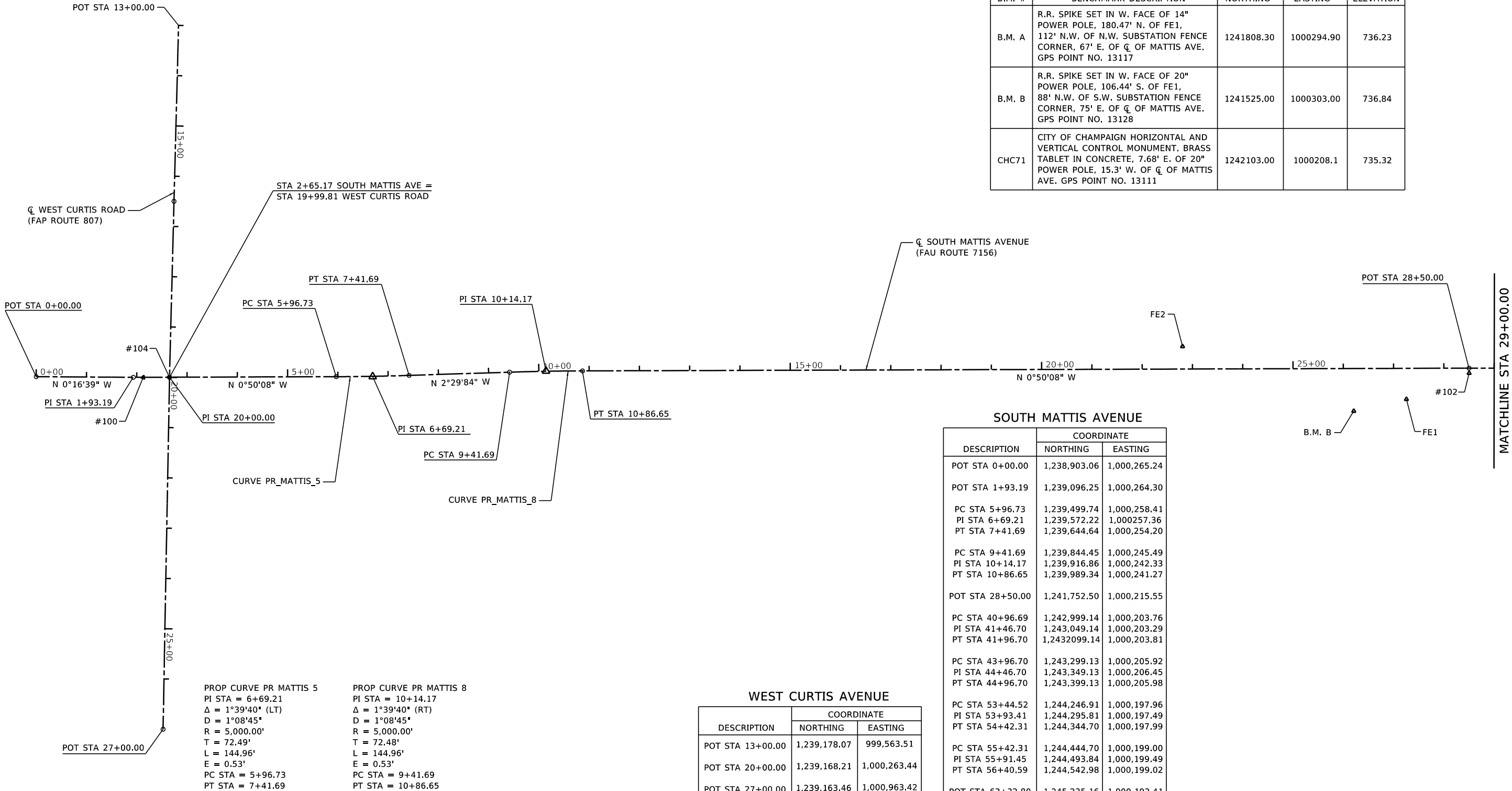
SCALE: NTS SHEET 8 OF 11 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7159	19-000314-00-PV	CHAMPAIGN	197	31
CONTRACT NO. 91642				
ILLINOIS FED. AID PROJECT				

TURAL SCHEDULE																		
START STA	END STA	LT/RT, AR=ACROSS ROAD	COMMENT	20700220	42000060	50200450	50300225	50800105	50800205	50900805	54003000	54010503	54010603	58600101	59300100	X5810103	X6040177	20073346
				POROUS GRANULAR EMBANKMENT	WELDED WIRE REINFORCEMENT	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL FOR STRUCTURES	CONCRETE STRUCTURES	REINFORCEMENT BARS	REINFORCEMENT BARS, EPOXY COATED	PEDESTRIAN RAILING	CONCRETE BOX CULVERTS	PRECAST CONCRETE BOX CULVERTS 5'X3'	PRECAST CONCRETE BOX CULVERTS 6'X3'	GRANULAR BACKFILL FOR STRUCTURES	CONTROLLED LOW-STRENGTH MATERIAL	MEMBRANE WATERPROOFING SYSTEM FOR BURIED STRUCTURES	SPECIAL GRATE NO. 1	SLEEPER SLAB
				EACH	SQ YD	CU YD	CU YD	POUND	POUND	FOOT	CU YD	FOOT	FOOT	SQ YD	CU YD	SQ YD	EACH	SQ YD
SOUTH MATTIS AVENUE																		
16+70.00		AR		26.0	167.5	50.0		2,310.0	260.0	30.0	25.1		166.0	230.0	39.2	150.0		167.5
38+55.00		AR		26.0	231.8	100.0		2,660.0	290.0	36.0	29.2	86.0	172.0	335.0	39.2	214.0		318.5
			DETENTION OUTLETS				22.0	2,330.0									4.0	
50+56.00	51+76.00		RETAINING WALL				36.7	3,190.0		120.0				120.0				
TOTAL:				52.0	399.3	150.0	58.7	10,490.0	550.0	186.0	54.3	86.0	338.0	685.0	78.4	364.0	4.0	486.0
USE:				52	399	150	59	10,490	550	186	54	86	338	685	78	364	4	486



BENCHMARK TABLE				
B.M. #	BENCHMARK DESCRIPTION	NORTHING	EASTING	ELEVATION
B.M. A	R.R. SPIKE SET IN W. FACE OF 14" POWER POLE, 180.47' N. OF FE1, 112' N.W. OF N.W. SUBSTATION FENCE CORNER, 67' E. OF CL OF MATTIS AVE. GPS POINT NO. 13117	1241808.30	1000294.90	736.23
B.M. B	R.R. SPIKE SET IN W. FACE OF 20" POWER POLE, 106.44' S. OF FE1, 88' N.W. OF S.W. SUBSTATION FENCE CORNER, 75' E. OF CL OF MATTIS AVE. GPS POINT NO. 13128	1241525.00	1000303.00	736.84
CHC71	CITY OF CHAMPAIGN HORIZONTAL AND VERTICAL CONTROL MONUMENT. BRASS TABLET IN CONCRETE, 7.68' E. OF 20" POWER POLE, 15.3' W. OF CL OF MATTIS AVE. GPS POINT NO. 13111	1242103.00	1000208.1	735.32



SOUTH MATTIS AVENUE		
DESCRIPTION	COORDINATE	
	NORTHING	EASTING
POT STA 0+00.00	1,238,903.06	1,000,265.24
POT STA 1+93.19	1,239,096.25	1,000,264.30
PC STA 5+96.73	1,239,499.74	1,000,258.41
PI STA 6+69.21	1,239,572.22	1,000,257.36
PT STA 7+41.69	1,239,644.64	1,000,254.20
PC STA 9+41.69	1,239,844.45	1,000,245.49
PI STA 10+14.17	1,239,916.86	1,000,242.33
PT STA 10+86.65	1,239,989.34	1,000,241.27
POT STA 28+50.00	1,241,752.50	1,000,215.55
PC STA 40+96.69	1,242,999.14	1,000,203.76
PI STA 41+46.70	1,243,049.14	1,000,203.29
PT STA 41+96.70	1,243,209.14	1,000,203.81
PC STA 43+96.70	1,243,299.13	1,000,205.92
PI STA 44+46.70	1,243,349.13	1,000,206.45
PT STA 44+96.70	1,243,399.13	1,000,205.98
PC STA 53+44.52	1,244,246.91	1,000,197.96
PI STA 53+93.41	1,244,295.81	1,000,197.49
PT STA 54+42.31	1,244,344.70	1,000,197.99
PC STA 55+42.31	1,244,444.70	1,000,199.00
PI STA 55+91.45	1,244,493.84	1,000,199.49
PT STA 56+40.59	1,244,542.98	1,000,199.02
POT STA 63+32.80	1,245,235.16	1,000,192.41

WEST CURTIS AVENUE		
DESCRIPTION	COORDINATE	
	NORTHING	EASTING
POT STA 13+00.00	1,239,178.07	999,563.51
POT STA 20+00.00	1,239,168.21	1,000,263.44
POT STA 27+00.00	1,239,163.46	1,000,963.42



MODEL 01.dwg
FILE NAME: X:\Production\Files\2021\421-1003\CADD\Sheets\21-1885 Mattis Ave - sht-alignments.dwg



USER NAME = Nick.Burris	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 200.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 10/1/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SOUTH MATTIS AVENUE
ALIGNMENTS AND BENCHMARKS

SCALE: SHEET OF 3 SHEETS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7159	19-000314-00-PV	CHAMPAIGN	197	33
CONTRACT NO. 91642				
ILLINOIS FED. AID PROJECT				

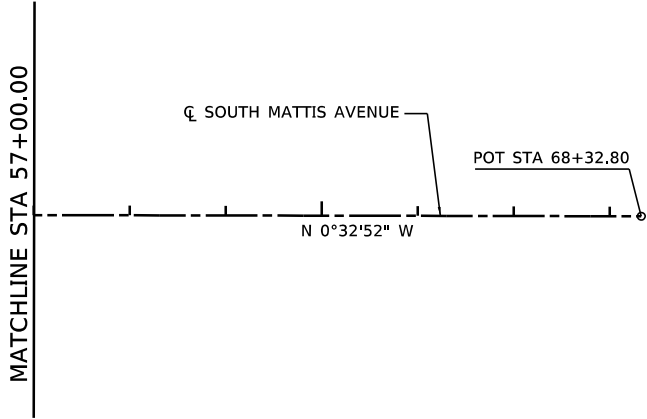
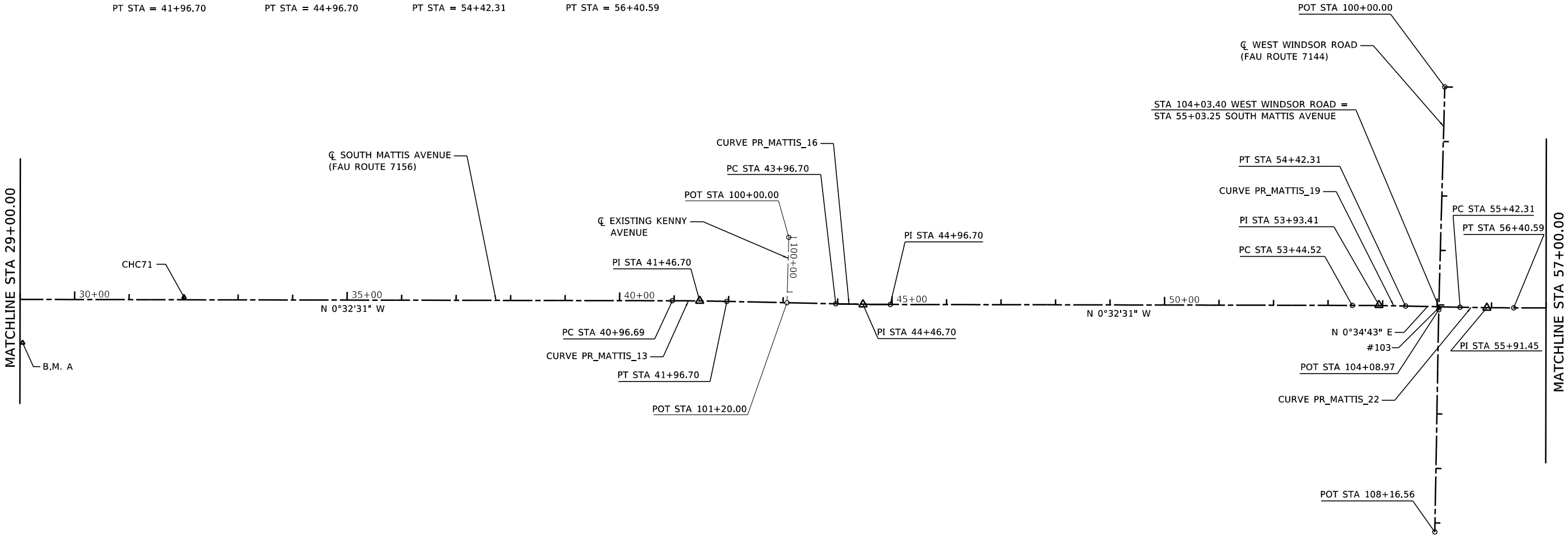


PROP CURVE PR MATTIS 13
PI STA = 41+46.70
Δ = 1°08'45" (RT)
D = 1°08'45"
R = 5,000.00'
T = 50.00'
L = 100.00'
E = 0.25'
PC STA = 40+96.69
PT STA = 41+96.70

PROP CURVE PR MATTIS 16
PI STA = 44+46.70
Δ = 1°08'45" (LT)
D = 1°08'45"
R = 5,000.00'
T = 50.00'
L = 100.00'
E = 0.25'
PC STA = 43+96.70
PT STA = 44+96.70

PROP CURVE PR MATTIS 19
PI STA = 53+93.41
Δ = 1°07'14" (RT)
D = 1°08'45"
R = 5,000.00'
T = 48.90'
L = 97.79'
E = 0.24'
PC STA = 53+44.52
PT STA = 54+42.31

PROP CURVE PR MATTIS 22
PI STA = 55+91.45
Δ = 1°07'35" (LT)
D = 1°08'45"
R = 5,000.00'
T = 49.14'
L = 98.29'
E = 0.24'
PC STA = 55+42.31
PT STA = 56+40.59



KENNY AVENUE

DESCRIPTION	COORDINATE	
	NORTHING	EASTING
POT STA 100+00.00	1,243,211.47	1,000,084.99
POT STA 101+20.00	1,243,209.59	1,000,204.98

WEST WINDSOR ROAD

DESCRIPTION	COORDINATE	
	NORTHING	EASTING
POT STA 100+00.00	1,244,412.01	999,795.25
POT STA 104+08.97	1,244,405.55	1,000,204.18
POT STA 108+16.56	1,244,403.04	1,000,611.75



MODEL 02 ALI
FILE I:\AMES_X\Production\Files\2021\421-1003\CADD\Sheet\21-1885 Mattis Ave - sht-alignments.dgn



USER NAME = Nick,Burris	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 200.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 10/1/2025	DATE -	REVISED -

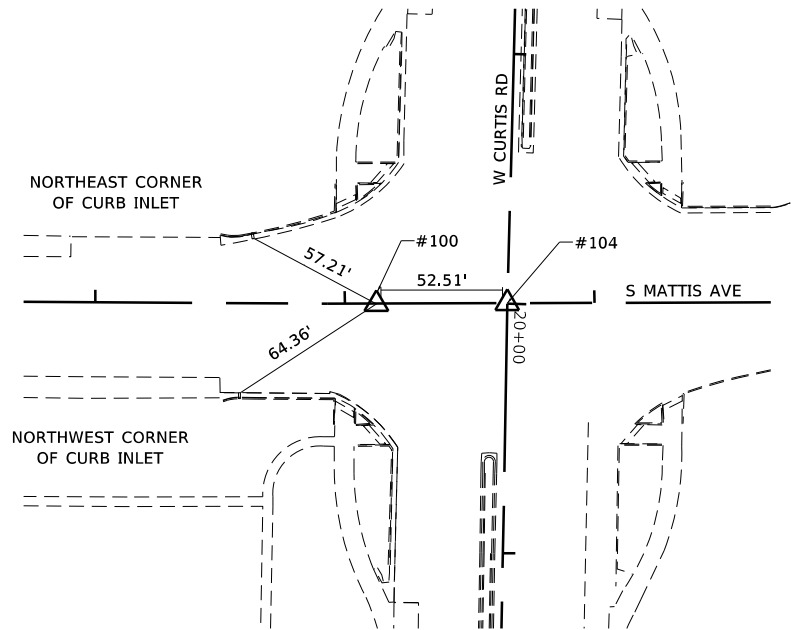
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SOUTH MATTIS AVENUE
ALIGNMENTS AND BENCHMARKS

SCALE: SHEET OF 3 SHEETS

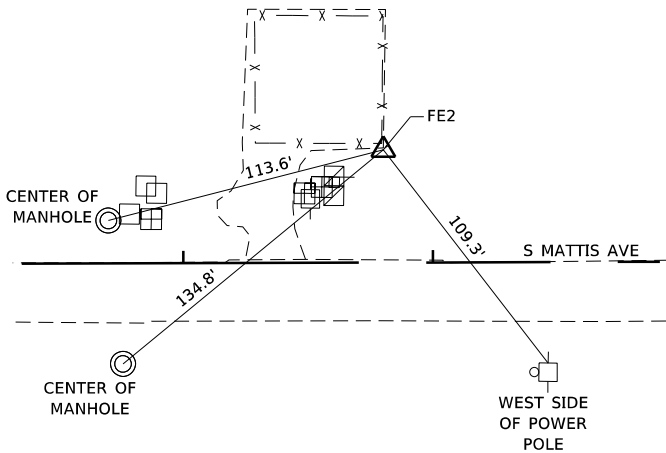
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7159	19-000314-00-PV	CHAMPAIGN	197	34
CONTRACT NO. 91642				
ILLINOIS FED. AID PROJECT				

MODEL 03 TIES
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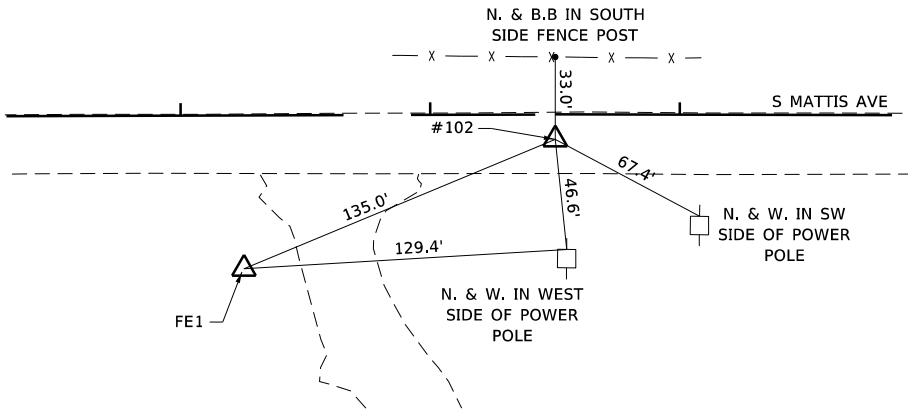


CONTROL POINT NO. 100
PROPOSED STA 12+12.65
1/2" DIA "TUBECO" IRON
PIPE W/ ALUMINUM
"FOTH" CAP SET
ELEV 742.67
1000264.21, 1239155.71

CONTROL POINT NO. 104
PROPOSED STA 12+65.07
5/8" DIA REBAR W/ ALUMINUM
CAP STAMPED "CITY OF CHAMPAIGN"
SET IN PERMANENT SURVEY MARKER VAULT
ELEV 743.32
1000263.25, 1239168.12

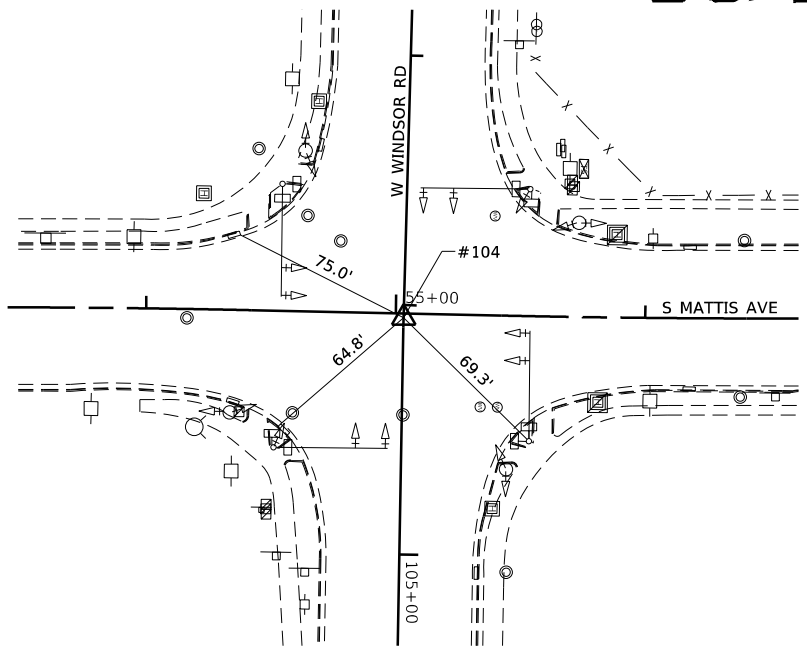


CONTROL POINT NO. FE2
PROPOSED STA 22+80.19
SET 5/8" PIN
WITH RED CAP
ELEV 738.66
1000178.91, 1241182.10



CONTROL POINT NO. FE1
PROPOSED STA 27+25.19
SET 5/8" PIN
WITH RED CAP
ELEV 735.00
1000278.76, 1241628.61

CONTROL POINT NO. 102
PROPOSED STA 28+50.11
P.K. NAIL FND.
ABOVE I.P.
ELEV 735.72
1000225.55, 1241752.70



CONTROL POINT NO. 103
PROPOSED STA 55+03.24
BRASS PLUG IN
MONUMENT VAULT
ELEV 726.94
1000200.34, 1244405.61



USER NAME = Nick.Burris
DESIGNED -
DRAWN -
PLOT SCALE = 200.0000 ' / in.
CHECKED -
PLOT DATE = 10/1/2025
DATE -

DESIGNED -
DRAWN -
CHECKED -
DATE -

REVISED -
REVISED -
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REVISED -

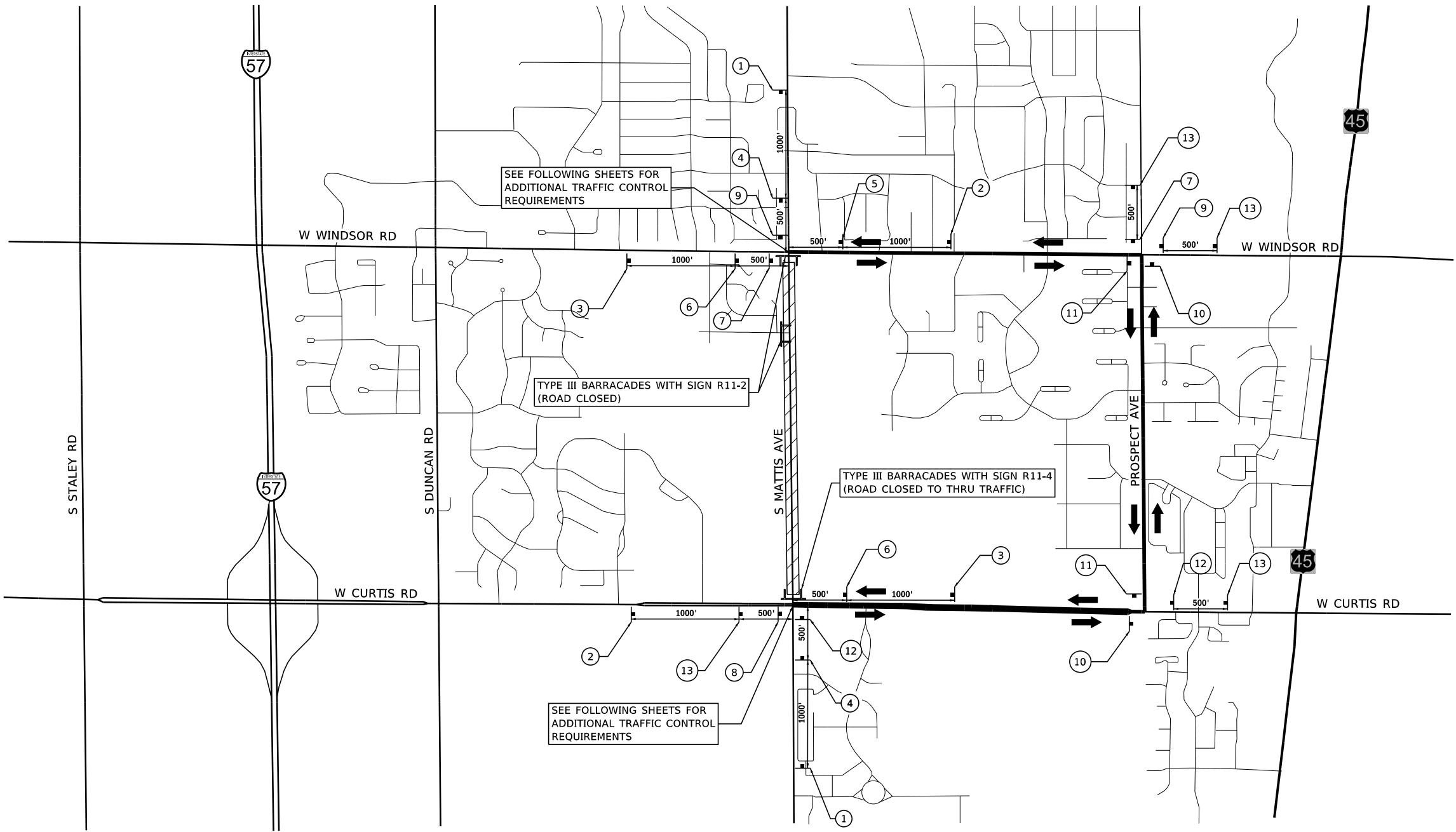
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SOUTH MATTIS AVENUE
TIES

SCALE: SHEET OF 3 SHEETS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7159	19-000314-00-PV	CHAMPAIGN	197	35
CONTRACT NO. 91642				
ILLINOIS FED. AID PROJECT				

MODEL 01.TC
FILE NAME: X:\production\Files\2021\421-1003\CAD\CADD Sheets\21-1885 Mattis Ave - sh-Traffic Control.dgn



NOT TO SCALE

LEGEND

TYPE III BARRICADES CONFORMING TO STD. 701901
SIGNS ON PERMANENT SUPPORTS
FLASHING LIGHT ABOVE SIGN
DETOUR ROUTES
WORK ZONE

ROAD CLOSED AHEAD
W20-3-3636
①

ROAD CLOSED AHEAD
W20-3-3636
M5-1L-2115
②

ROAD CLOSED AHEAD
W20-3-3636
M5-1R-2115
③

ROAD CLOSED 500 FT
W20-3-3636
④

ROAD CLOSED 500 FT
W20-3-3636
M5-1L-2115
⑤

ROAD CLOSED 500 FT
W20-3-3636
M5-1R-2115
⑥

DETOUR TO SOUTH MATTIS AVE
M4-8-2412
M4-5-2412
SPECIAL 24X24 SIGN
M6-3-2115
⑦

DETOUR TO NORTH MATTIS AVE
M4-8-2412
M4-5-2412
SPECIAL 24X24 SIGN
M6-3-2115
⑧

DETOUR TO SOUTH MATTIS AVE
M4-8-2412
M4-5-2412
SPECIAL 24X24 SIGN
M5-1L-2115
⑨

DETOUR TO NORTH MATTIS AVE
M4-8-2412
M4-5-2412
SPECIAL 24X24 SIGN
M5-1L-2115
⑩

DETOUR TO SOUTH MATTIS AVE
M4-8-2412
M4-5-2412
SPECIAL 24X24 SIGN
M5-1R-2115
⑪

DETOUR TO NORTH MATTIS AVE
M4-8-2412
M4-5-2412
SPECIAL 24X24 SIGN
M5-1R-2115
⑫

DETOUR AHEAD
W20-2-3636
⑬

GENERAL NOTES

- ALL TRAFFIC CONTROL DEVICES SHALL BE FURNISHED, ERECTED AND MAINTAINED BY THE CONTRACTOR.
- ALL SIGNS NOT ATTACHED TO BARRICADES SHALL BE POST MOUNTED UNLESS NOTED OTHERWISE.
- LOCATIONS OF TRAFFIC CONTROL DEVICES MAY BE ADJUSTED BY THE ENGINEER.
- ALL TRAFFIC CONTROL SHOWN ON THIS SHEET SHALL BE PAID FOR PER LUMP SUM FOR TRAFFIC CONTROL AND PROTECTION, SPECIAL.
- ALL TRAFFIC CONTROL EQUIPMENT SHALL BE COMPLIANT WITH NCHRP 350.



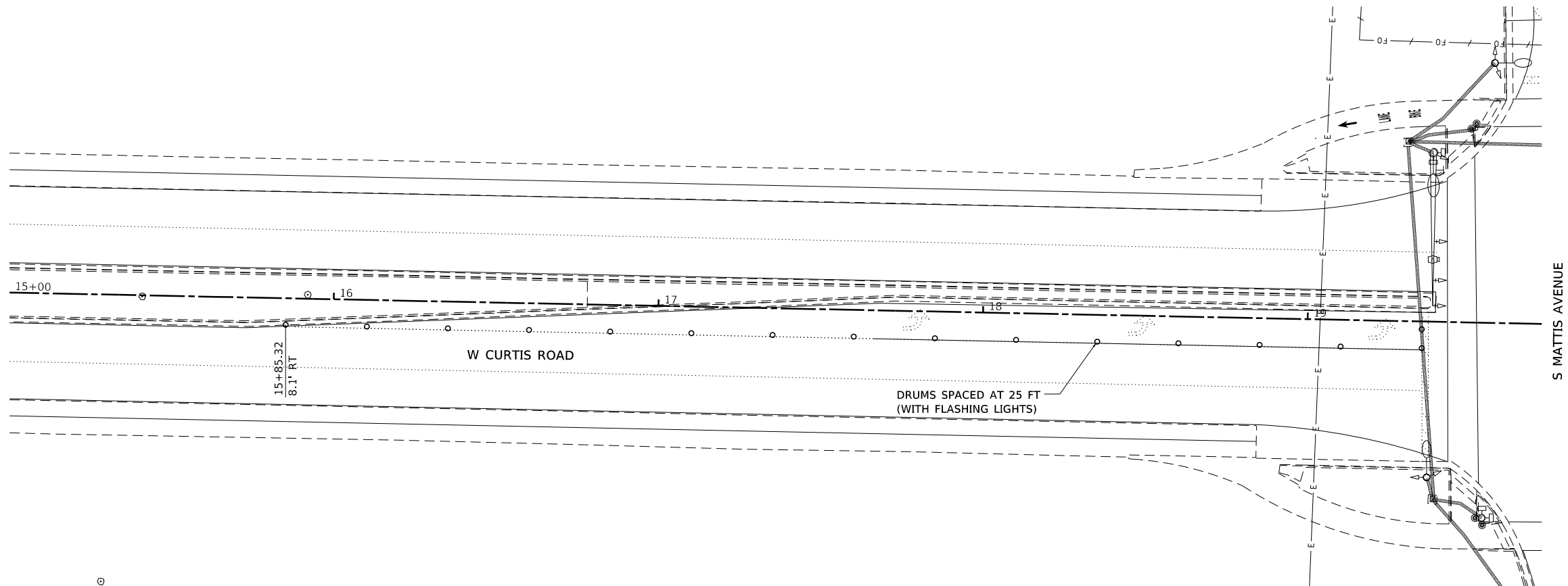
USER NAME = Nick.Burris	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 10/1/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC
ROAD CLOSURE & DETOUR DETAILS (OVERALL)

SCALE: NTS SHEET OF 4 SHEETS

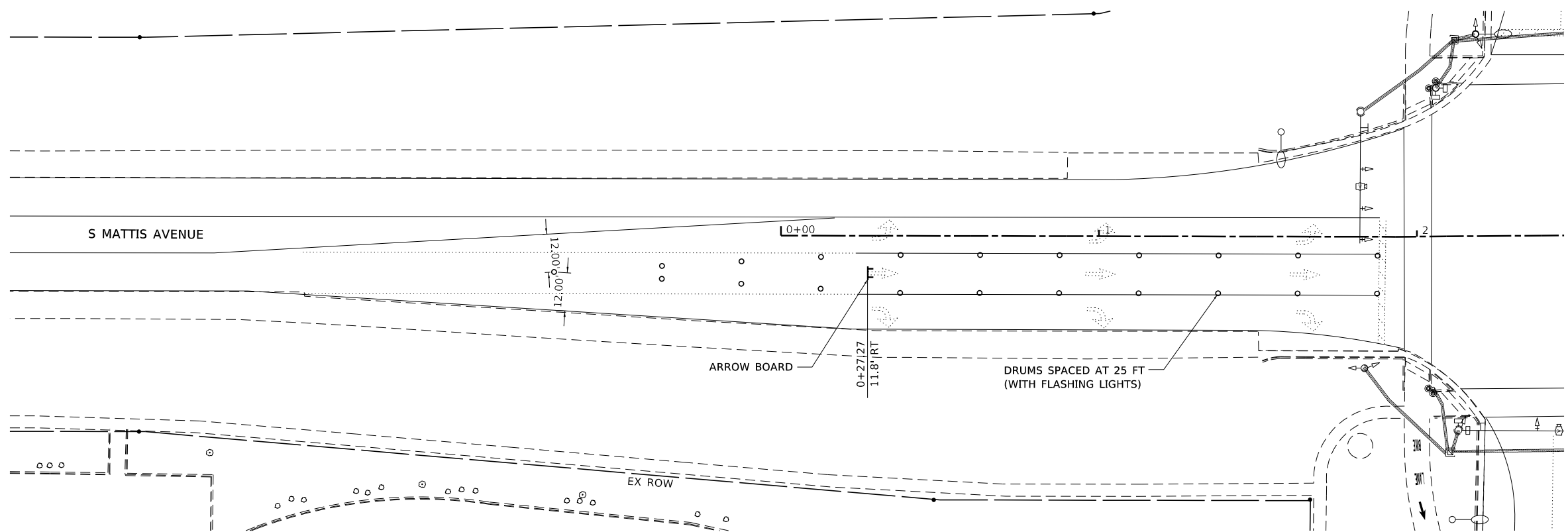
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7159	19-000314-00-PV	CHAMPAIGN	197	36
CONTRACT NO. 91642				
ILLINOIS FED. AID PROJECT				



GENERAL NOTES:

1. ALL TRAFFIC CONTROL DEVICES SHALL BE FURNISHED, ERECTED AND MAINTAINED BY THE CONTRACTOR.
2. LOCATIONS OF TRAFFIC CONTROL DEVICES MAYBE ADJUSTED BY THE ENGINEER.
3. ALL TRAFFIC CONTROL SHOWN ON THIS DETAIL SHALL BE PAID FOR PER LUMP SUM FOR TRAFFIC CONTROL AND PROTECTION, (SPECIAL).
4. ALL TRAFFIC CONTROL EQUIPMENT SHALL BE COMPLIANT WITH NCHRP 350.

0 20 40 60
SCALE IN FEET



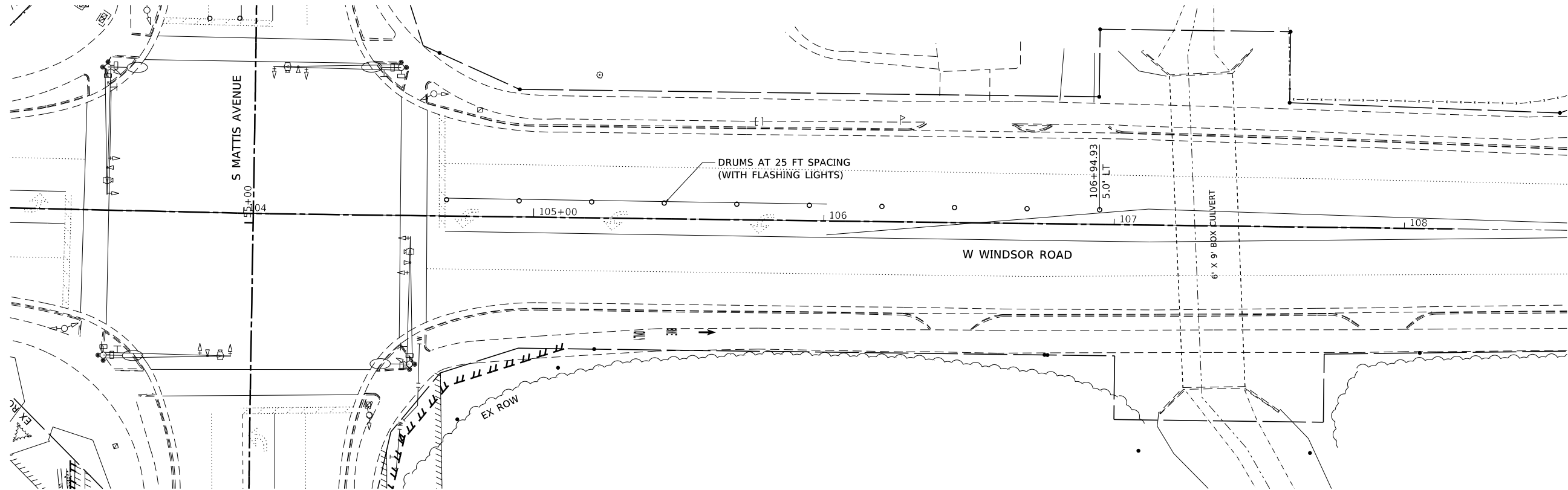
GENERAL NOTES:

1. ALL TRAFFIC CONTROL DEVICES SHALL BE FURNISHED, ERECTED AND MAINTAINED BY THE CONTRACTOR.
2. LOCATIONS OF TRAFFIC CONTROL DEVICES MAYBE ADJUSTED BY THE ENGINEER.
3. ALL TRAFFIC CONTROL SHOWN ON THIS DETAIL SHALL BE PAID FOR PER LUMP SUM FOR TRAFFIC CONTROL AND PROTECTION, (SPECIAL).
4. ALL TRAFFIC CONTROL EQUIPMENT SHALL BE COMPLIANT WITH NCHRP 350.

0 20 40 60
SCALE IN FEET

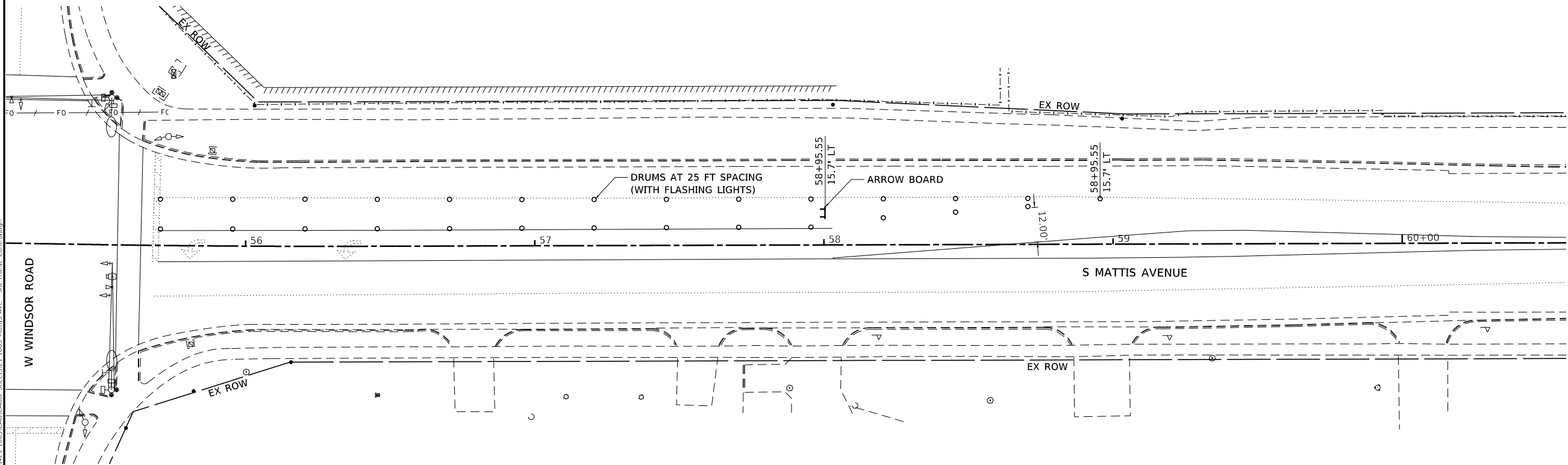
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 201 West Springfield Avenue, Suite 1012 Champaign, IL 61820 PHONE: 217.673.7633	USER NAME = Nick.Burris	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	MAINTENANCE OF TRAFFIC ROAD CLOSURE & DETOUR DETAILS (CURTIS AND MATTIS)					F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	MODEL NAME = 02 TC	DRAWN -	REVISED -							7159	19-000314-00-PV	CHAMPAIGN	197	37
	PLOT SCALE = 40.0000 ' / in.	CHECKED -	REVISED -							CONTRACT NO. 91642				
	PLOT DATE = 10/1/2025	DATE -	REVISED -		SCALE:		SHEET	OF 4 SHEETS	ILLINOIS FED. AID PROJECT					



GENERAL NOTES

1. ALL TRAFFIC CONTROL DEVICES SHALL BE FURNISHED, ERECTED AND MANTIANED BY THE CONTRACTOR.
2. LOCATIONS OF TRAFFIC CONTROL DEVICES MAY BE ADJUSTED BY THE ENGINEER.
3. ALL TRAFFIC CONTROL SHOWN ON THIS DETAIL SHALL BE PAID FOR PER LUM SUM FOR TRAFFIC CONTROL AND PROTECTION, (SPECIAL).
4. ALL TRAFFIC CONTROL EQUIPMENT SHALL BE COMPLIANT WITH NCHRP 350.



GENERAL NOTES

1. ALL TRAFFIC CONTROL DEVICES SHALL BE FURNISHED, ERECTED AND MANTIANED BY THE CONTRACTOR.
2. LOCATIONS OF TRAFFIC CONTROL DEVICES MAY BE ADJUSTED BY THE ENGINEER.
3. ALL TRAFFIC CONTROL SHOWN ON THIS DETAIL SHALL BE PAID FOR PER LUM SUM FOR TRAFFIC CONTROL AND PROTECTION, (SPECIAL).
4. ALL TRAFFIC CONTROL EQUIPMENT SHALL BE COMPLIANT WITH NCHRP 350.



MODEL: 03 TC
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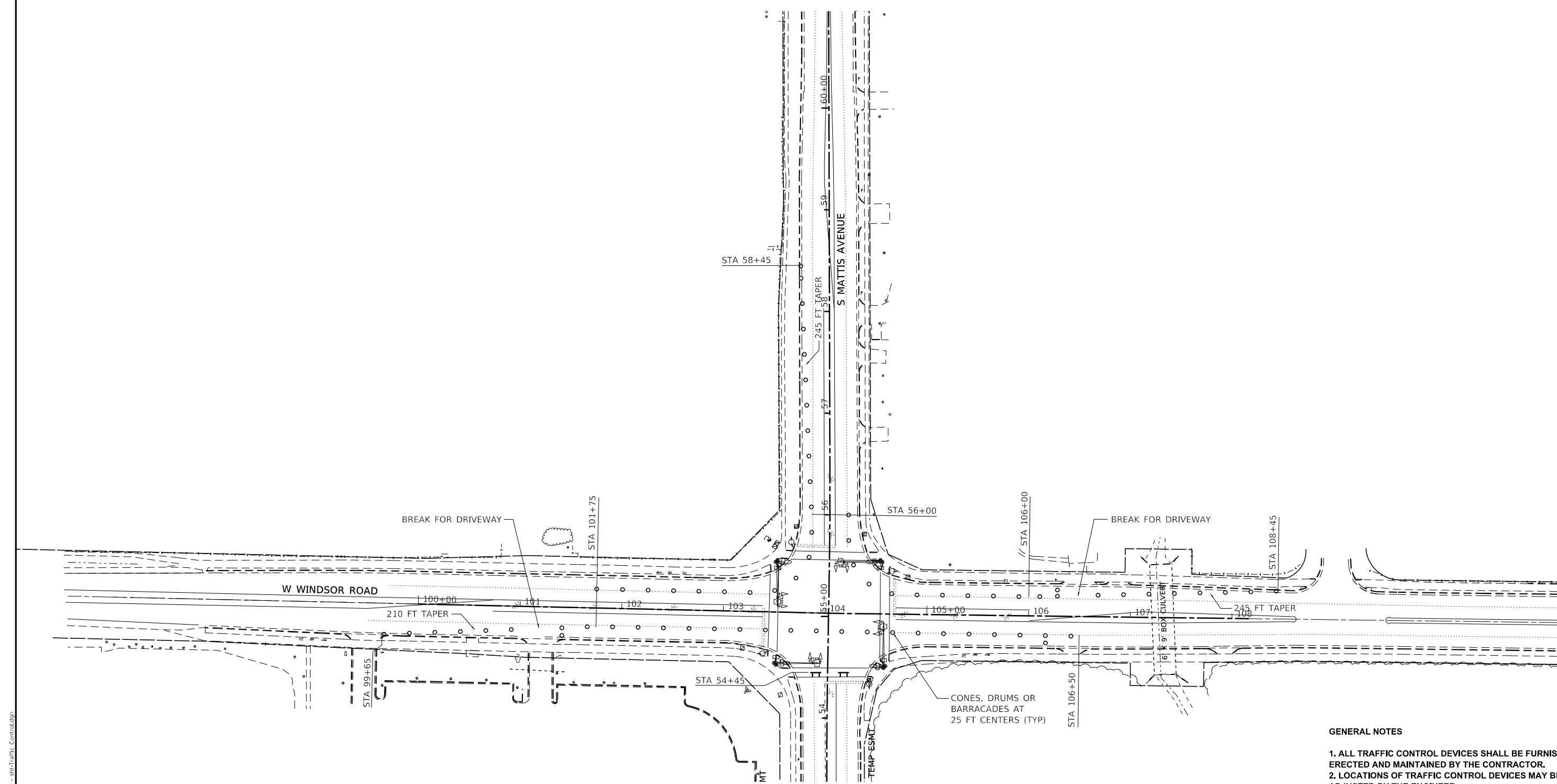
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MODEL NAME = 03 TC	DRAWN -	REVISED -
PLOT SCALE = 40.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 10/1/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC
ROAD CLOSURE & DETOUR DETAILS (WINDSOR AND MATTIS)

SCALE: SHEET OF 4 SHEETS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7159	19-000314-00-PV	CHAMPAIGN	197	38
				CONTRACT NO. 91642
ILLINOIS FED. AID PROJECT				



- GENERAL NOTES**
- 1. ALL TRAFFIC CONTROL DEVICES SHALL BE FURNISHED, ERECTED AND MAINTAINED BY THE CONTRACTOR.
 - 2. LOCATIONS OF TRAFFIC CONTROL DEVICES MAY BE ADJUSTED BY THE ENGINEER.
 - 3. ALL TRAFFIC CONTROL SHOWN ON THIS SHEET SHALL BE PAID FOR PER LUMP SUM FOR TRAFFIC CONTROL AND PROTECTION, (SPECIAL).
 - 4. LAYOUT IS BASED ON STANDARD DETAIL 701707-10. THIS IS A SUPPLEMENT TO THE NOTED STANDARD DETAILS AND ALL ELEMENTS NOTED WITHIN STANDARD DETAIL SHALL ALSO BE FOLLOWED. IF SIDEWALK IS TO BE CLOSED AT THIS TIME STANDARD DETAIL 701801-06 SHALL ALSO BE INCLUDED. SIDEWALK WORK SHALL BE COMPLETED TO ALLOW ACCESS ON EITHER THE NORTH OR SOUTH SIDE OF WINDSOR THROUGHOUT CONSTRUCTION.
 - 5. ALL TRAFFIC CONTROL EQUIPMENT SHALL BE COMPLIANT WITH NCHRP 350.



MODEL: 04 TC
FILE: I:\Auto: X:\Production\Files\2021\421-1003\CADD\00 Sheets\21-1885 Mattis Ave - sh-Traffic Control.dgn



LOCHMUELLER GROUP
201 West Springfield Avenue, Suite 1012
Champaign, IL 61820
PHONE: 217.673.7633

USER NAME = Nick.Burris	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 10/1/2025	DATE -	REVISED -

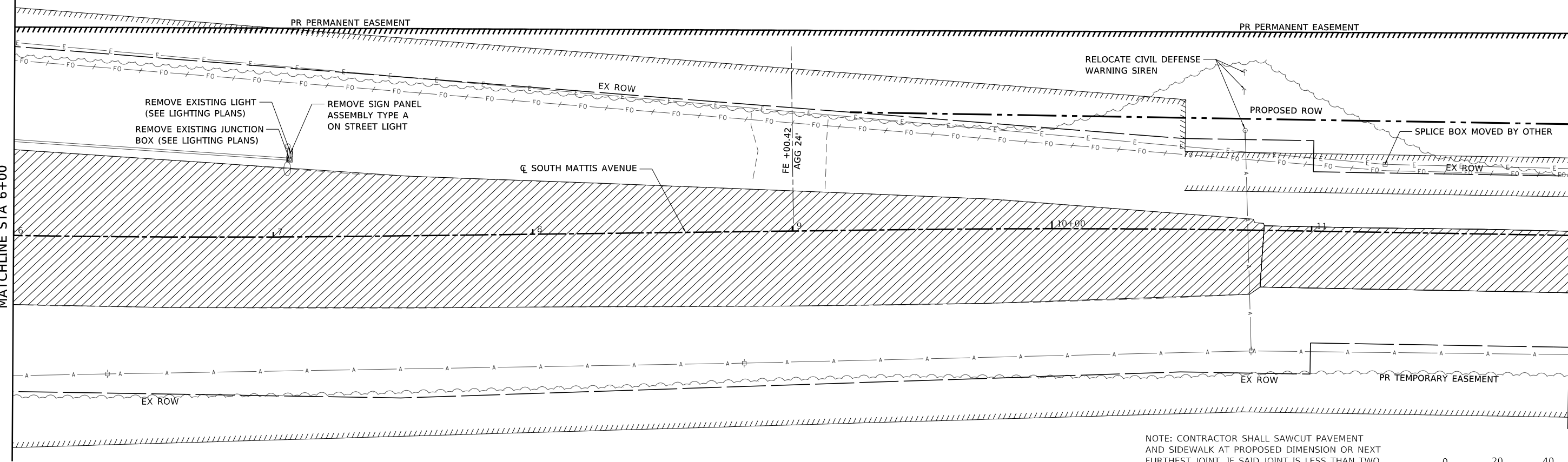
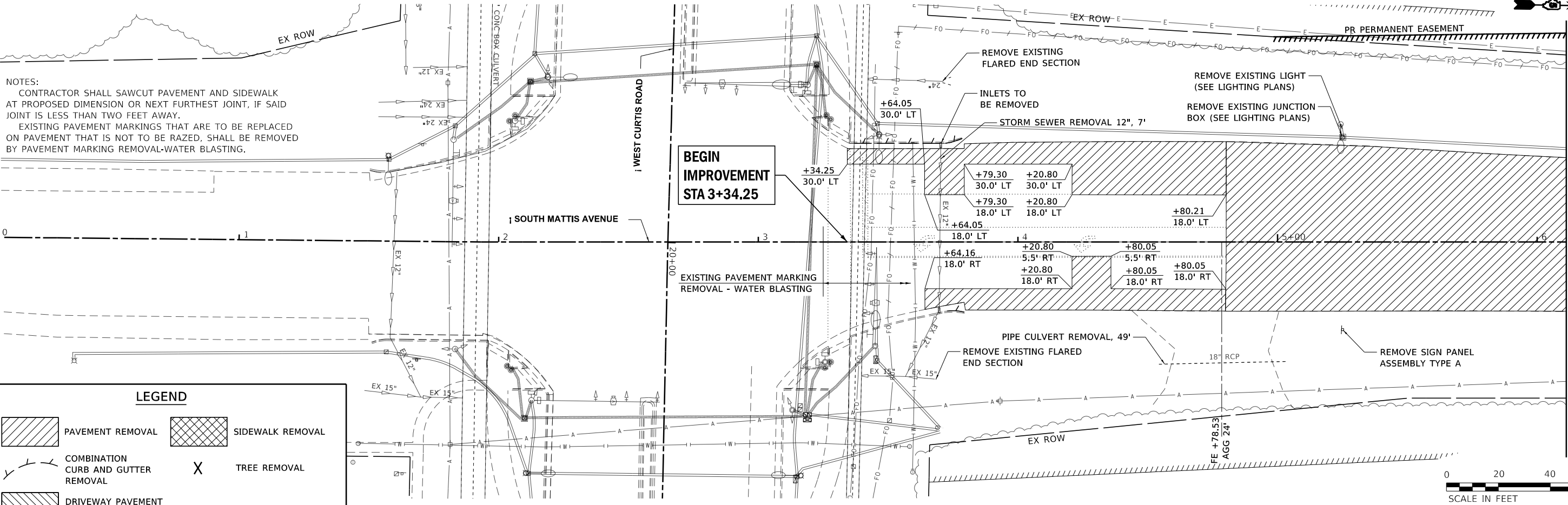
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

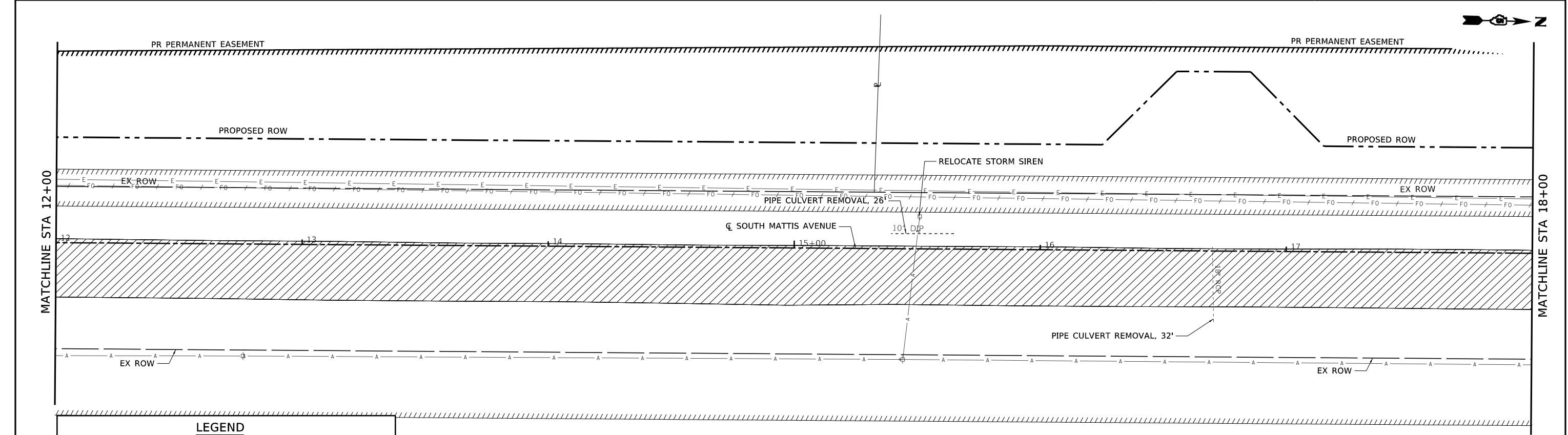


**MAINTENANCE OF TRAFFIC
MATTIS AND WINDSOR INTERSECTION IMPROVEMENTS**

SCALE: SHEET OF 4 SHEETS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7159	19-000314-00-PV	CHAMPAIGN	197	39
				CONTRACT NO. 91642
ILLINOIS FED. AID PROJECT				

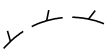




LEGEND

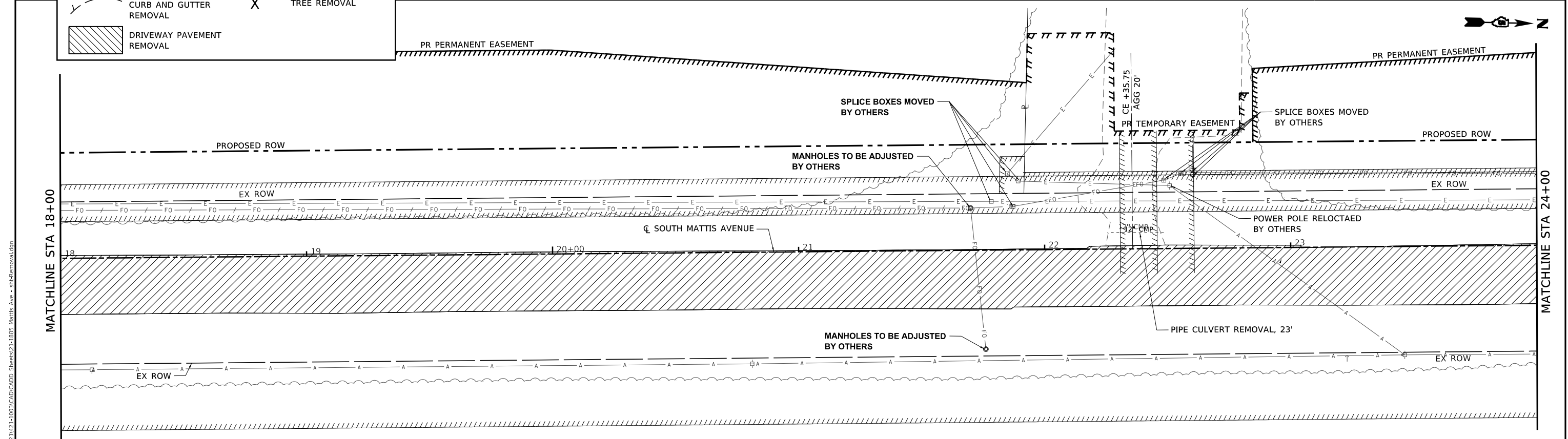
 PAVEMENT REMOVAL

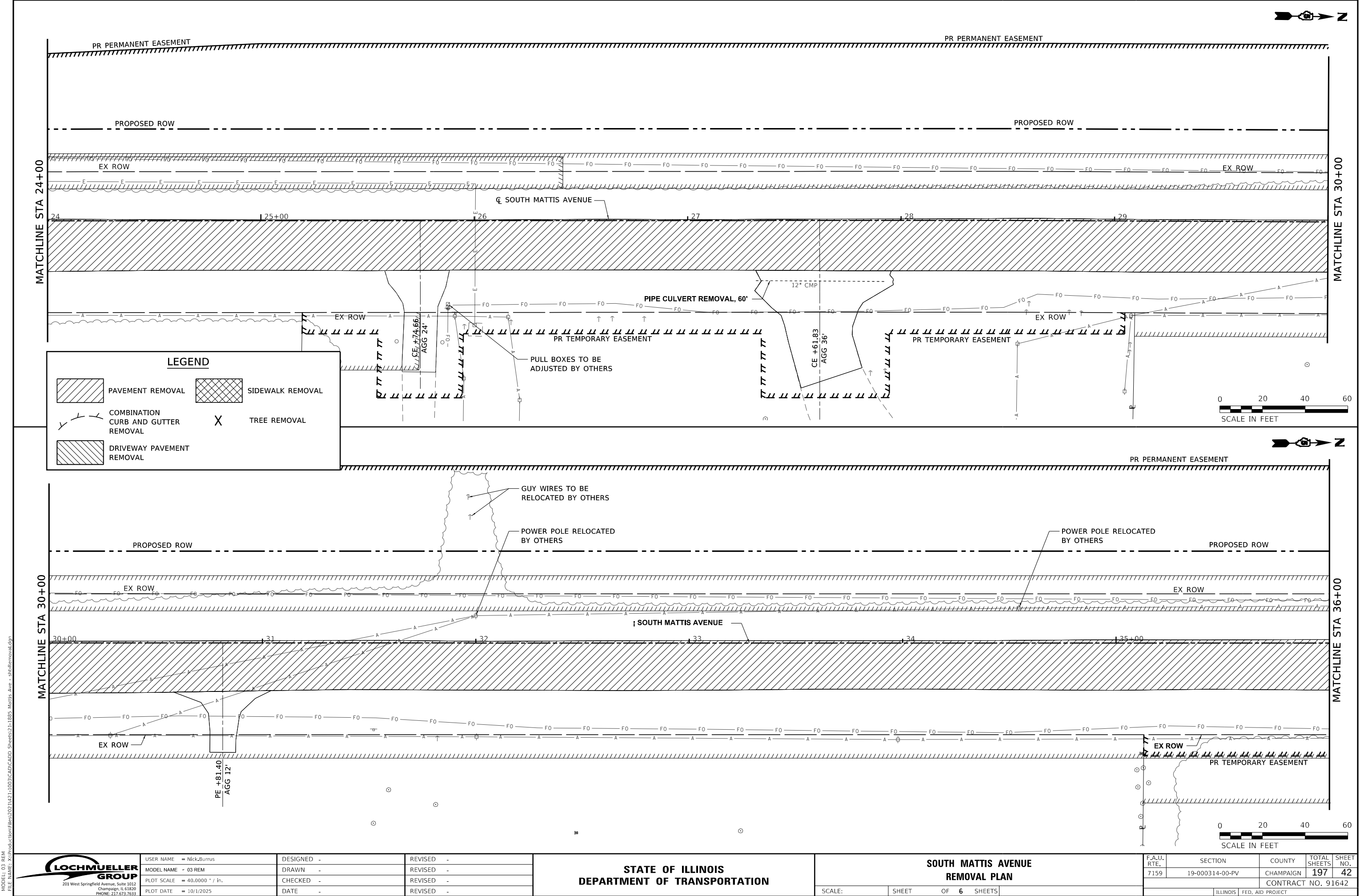
 SIDEWALK REMOVAL

 COMBINATION CURB AND GUTTER REMOVAL

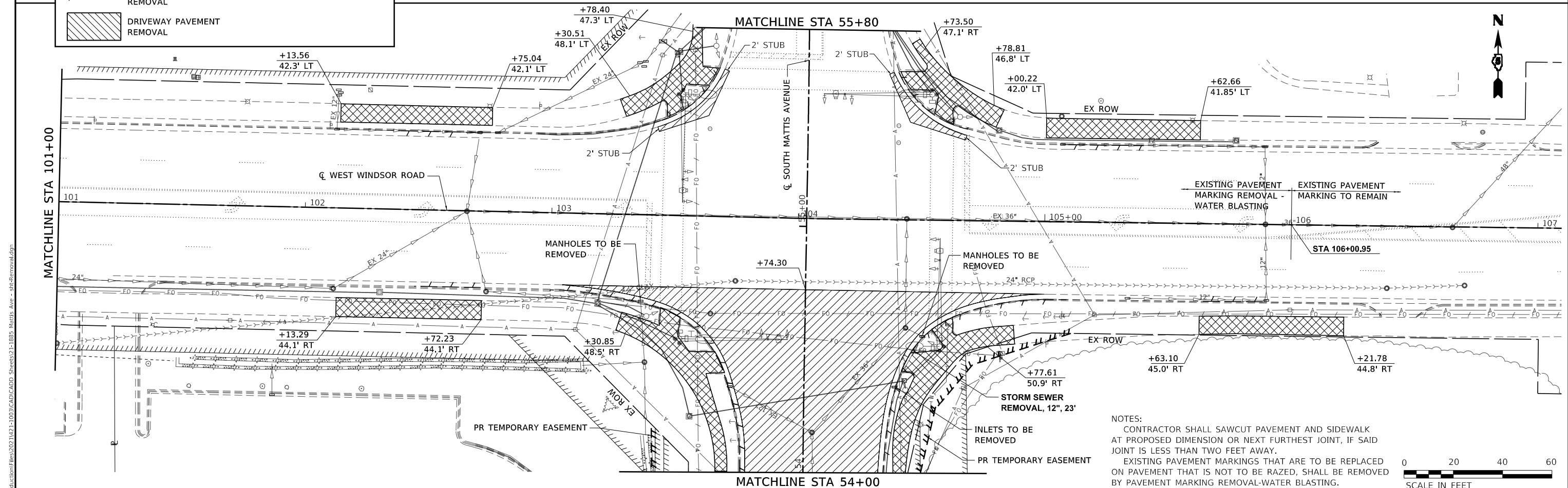
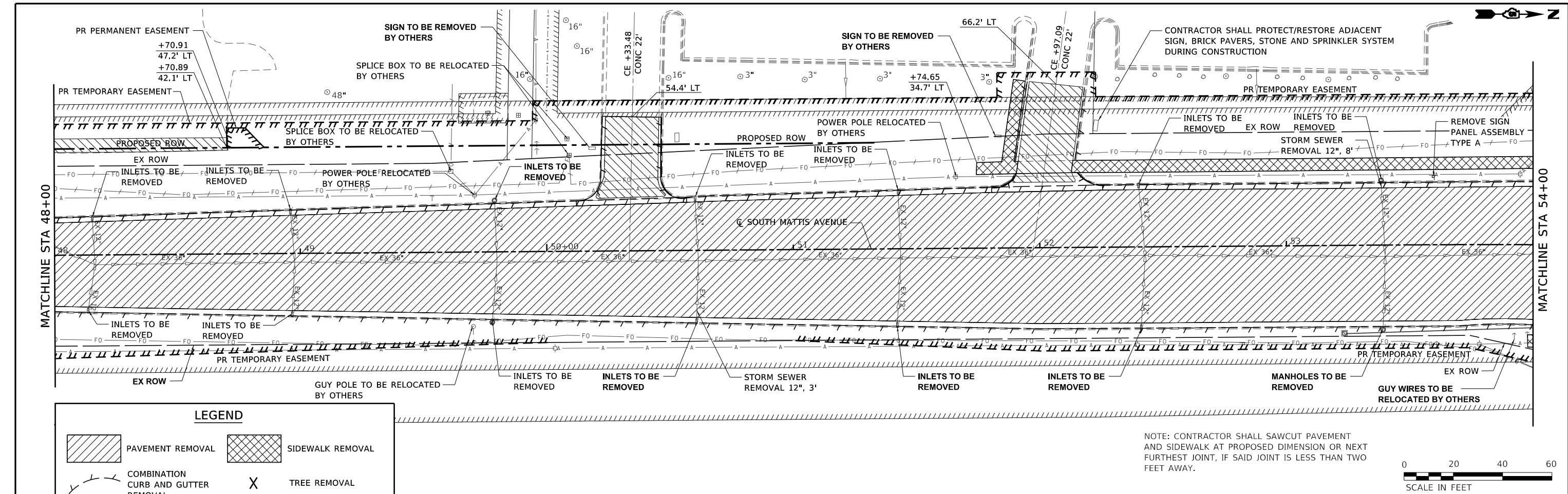
 TREE REMOVAL

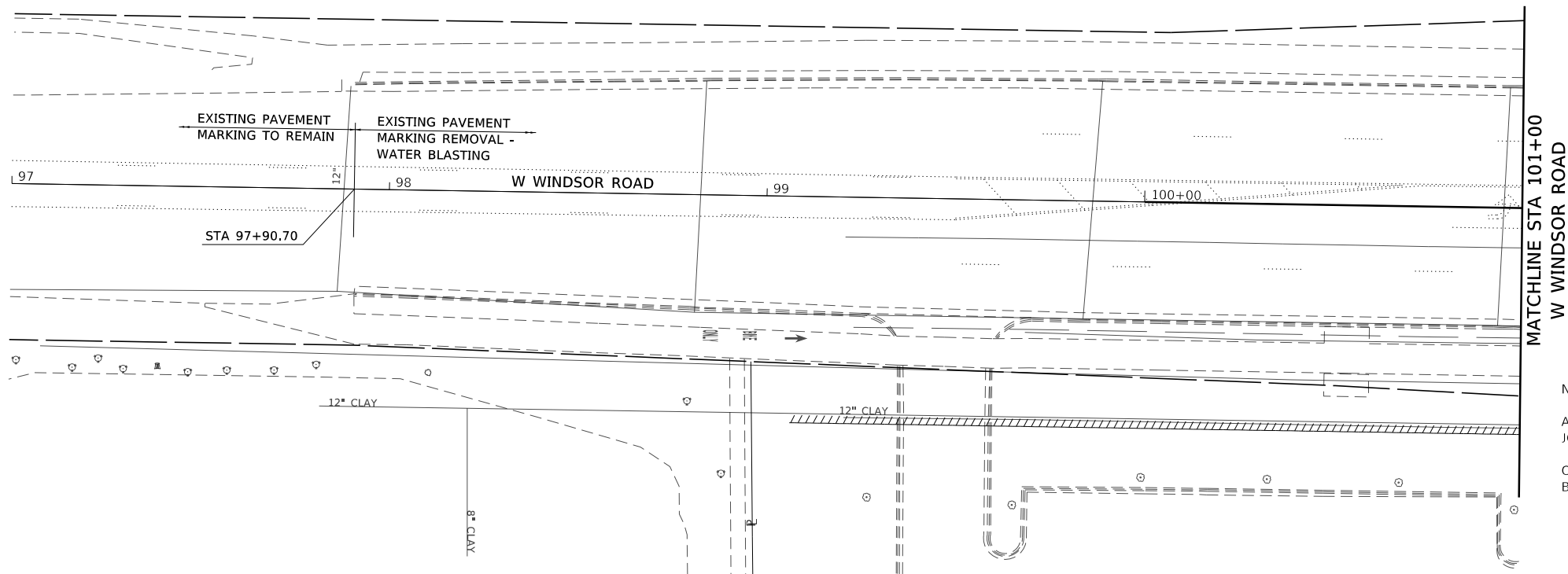
 DRIVEWAY PAVEMENT REMOVAL



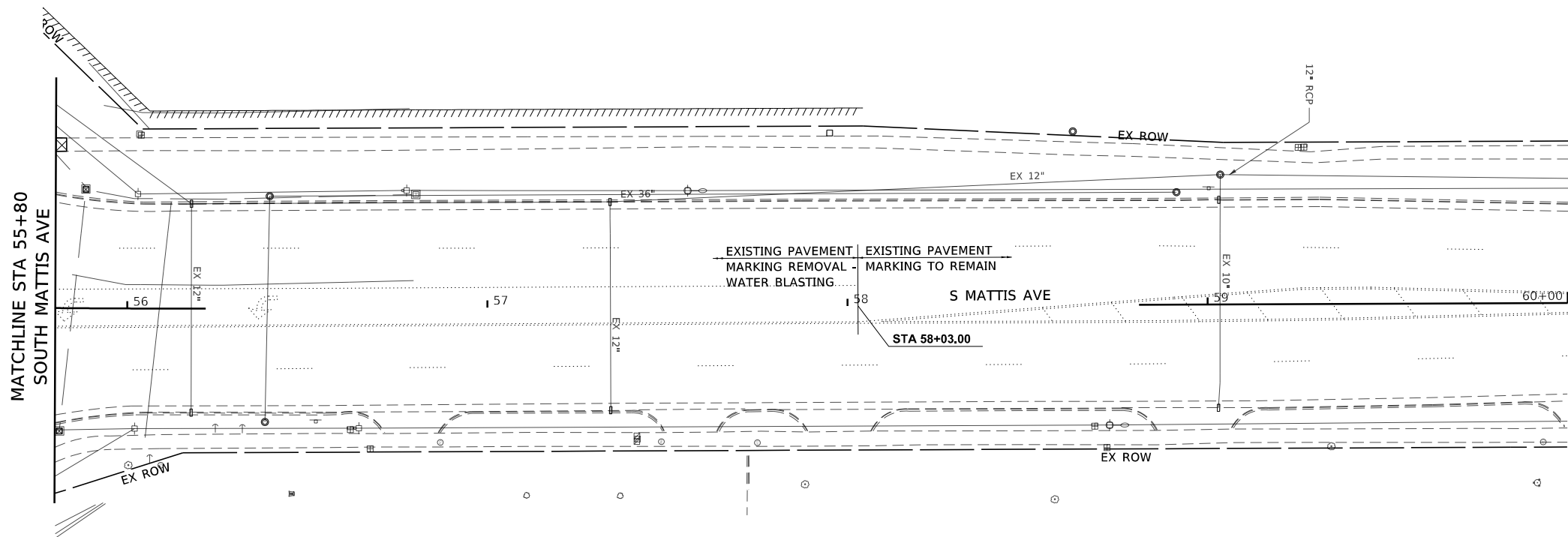


MODEL 03 REM
FILE NAME: X:\Production\Files\2021\421-1003\CADD\DD Sheets\21-1885 Mattis Ave - sht-Removal.dgn





NOTES:
CONTRACTOR SHALL SAWCUT PAVEMENT AND SIDEWALK AT PROPOSED DIMENSION OR NEXT FURTHEST JOINT, IF SAID JOINT IS LESS THAN TWO FEET AWAY.
EXISTING PAVEMENT MARKINGS THAT ARE TO BE REPLACED ON PAVEMENT THAT IS NOT TO BE RAZED, SHALL BE REMOVED BY PAVEMENT MARKING REMOVAL-WATER BLASTING.



NOTES:
CONTRACTOR SHALL SAWCUT PAVEMENT AND SIDEWALK AT PROPOSED DIMENSION OR NEXT FURTHEST JOINT, IF SAID JOINT IS LESS THAN TWO FEET AWAY.
EXISTING PAVEMENT MARKINGS THAT ARE TO BE REPLACED ON PAVEMENT THAT IS NOT TO BE RAZED, SHALL BE REMOVED BY PAVEMENT MARKING REMOVAL-WATER BLASTING.



MODEL: X06 REM
FILE NAME: X:\Production\Files\2021\421-1003\CADD\DD Sheets\21-1885 Mattis Ave - sh-Removal.dgn



USER NAME = Nick.Burris	DESIGNED -	REVISED -
MODEL NAME = X06 REM	DRAWN -	REVISED -
PLOT SCALE = 40.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 10/1/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

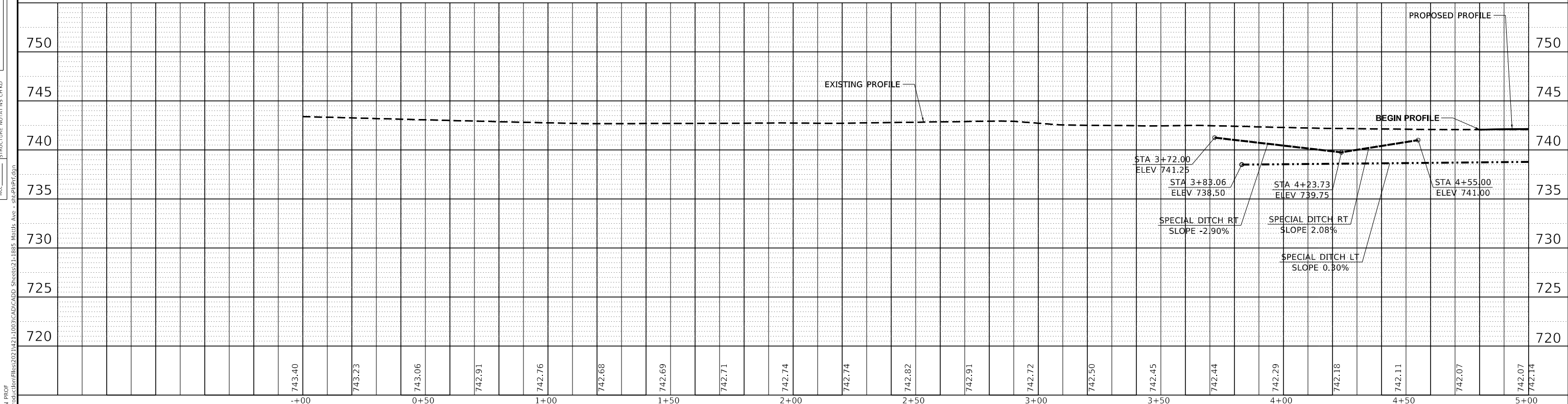
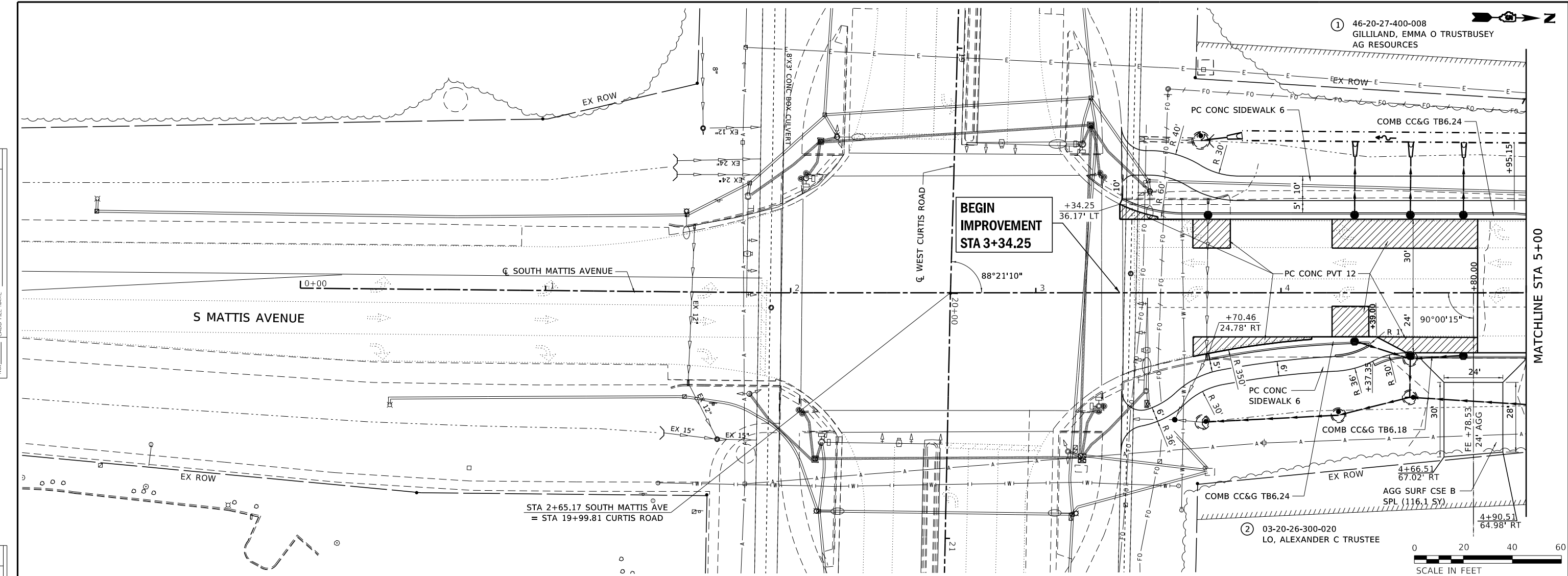
WINDSOR ROAD
REMOVAL PLAN

SCALE: 1"=20' SHEET 6 OF 6 SHEETS WINDSOR RD

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7159	19-000314-00-PV	CHAMPAIGN	197	45
CONTRACT NO. 91642				
ILLINOIS FED. AID PROJECT				

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

PROFILE	SURVEYED _____	BY _____	DATE _____
	PLOTTED _____		
NOTE BOOK	GRADES CHECKED _____		
	R.M. NOTED _____		
NO. _____	STRUCTURE NOTATIONS CHKD _____		

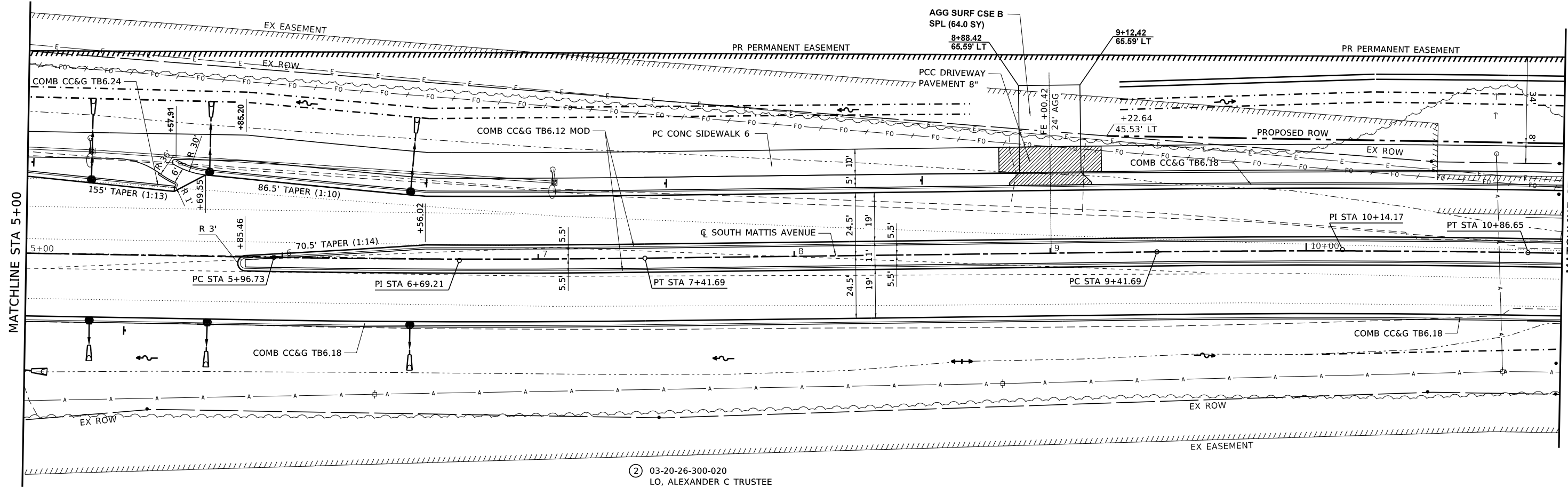


 LOCHMUELLER GROUP 201 West Springfield Avenue, Suite 1012 Champaign, IL 61820 PHONE: 217.673.7633 MODEL: 01 PLANS FILE NAME: X3	USER NAME = Nick.Burris	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SOUTH MATTIS AVENUE PLAN AND PROFILE			F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -					7159	19-000314-00-PV	CHAMPAIGN	197	46
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	PLOT DATE = 10/1/2025	DATE -	REVISED -		SCALE: 1"=20'	SHEET 1 OF 12 SHEETS	STA 0+00.00 TO STA 5+00.00		ILLINOIS	FED. AID PROJECT		

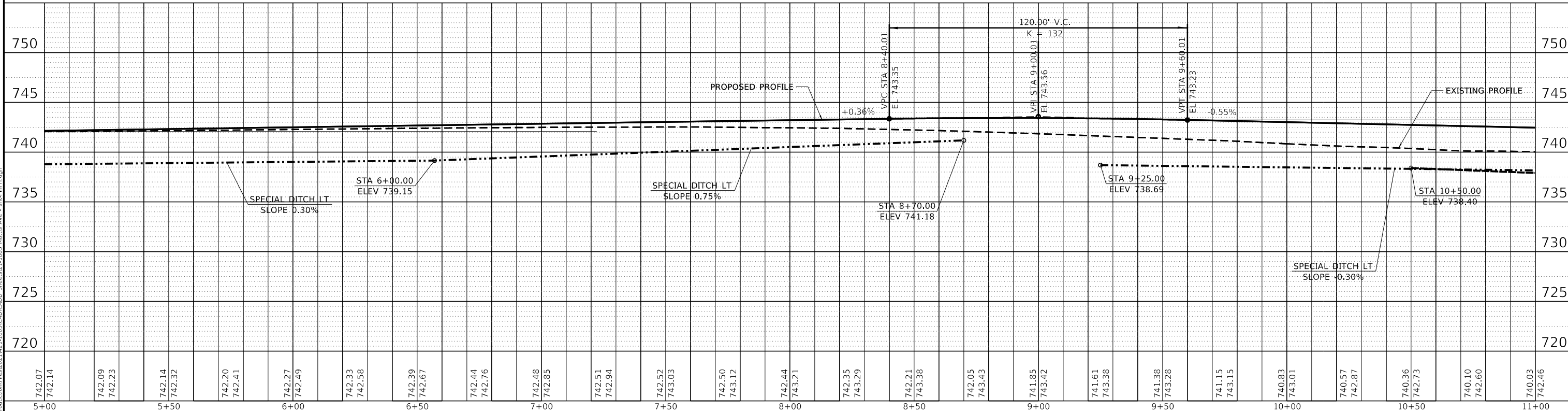
PLAN	SURVEYED	DATE
NO.	BY	
NOTE BOOK	PLOTTED	
	ALIGNED	
	CADD FILE NAME	

PROFILE			BY	DATE
	SURVEYED _____			
	PLOTTED _____			
NOTE BOOK	GRADES CHECKED _____			
	B.M. NOTED _____			
NO. _____	STRUCTURE NOTATIONS CHKD _____			

MODEL 02 PLAN PROF
FILE NAME: X:\production\files\2021\421-1093\CADD\Sheds21-1885 Mattis Ave - sld\plan1.dgn



② 03-20-26-300-020
LO, ALEXANDER C TRUSTEE



 201 West Springfield Avenue, Suite 1012 Champaign, IL 61820 PHONE: 217-673-7633	USER NAME = Nick.Burris	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SOUTH MATTIS AVENUE PLAN AND PROFILE	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 40.0000 ' / in.	DRAWN -	REVISED -			7159	19-000314-00-PV	CHAMPAIGN	197	47
	PLOT DATE = 10/1/2025	CHECKED -	REVISED -			CONTRACT NO. 91642				
	DATE -	REVISED -	SCALE: 1"=20'			SHEET 2 OF 12 SHEETS	STA 5+00.00 TO STA 11+00.00		ILLINOIS	FED. AID PROJECT

PLAN	SURVEYED	DATE
NOTE BOOK	BY	
NO.		

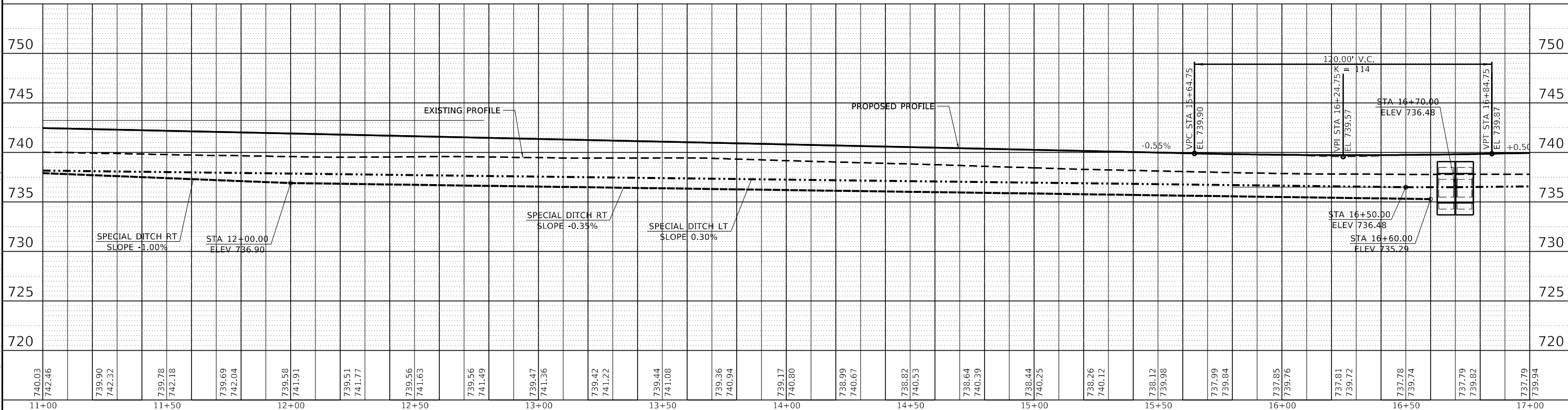
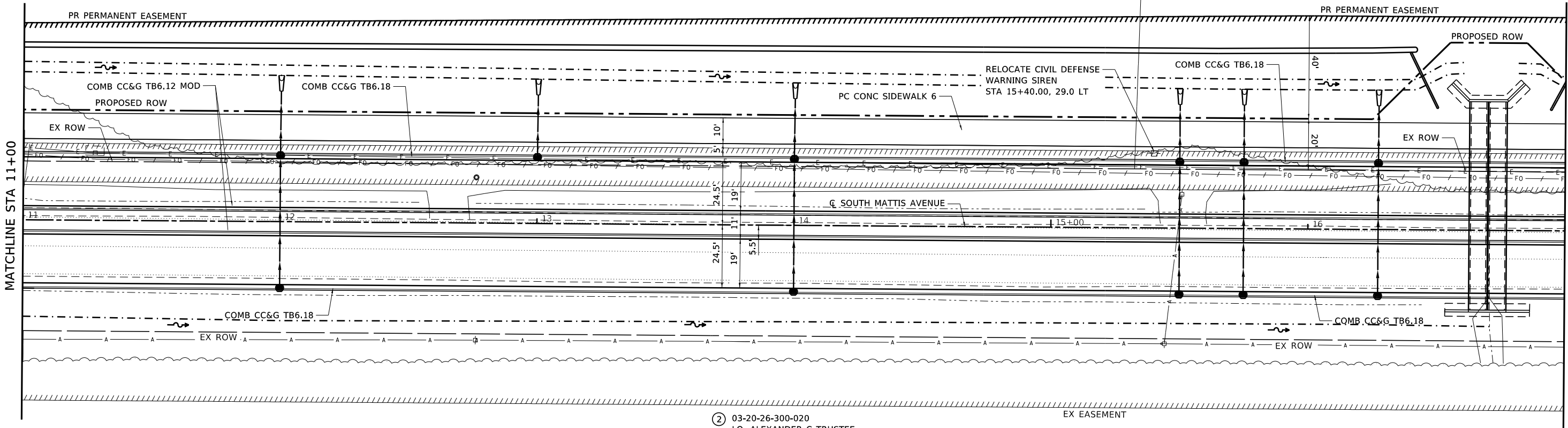
PROFILE	SURVEYED	DATE
NOTE BOOK	BY	
NO.		

MODEL 03 PLAN PROF
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① 46-20-27-400-008
GILLILAND, EMMA O TRUSTBUSEY
AG RESOURCES

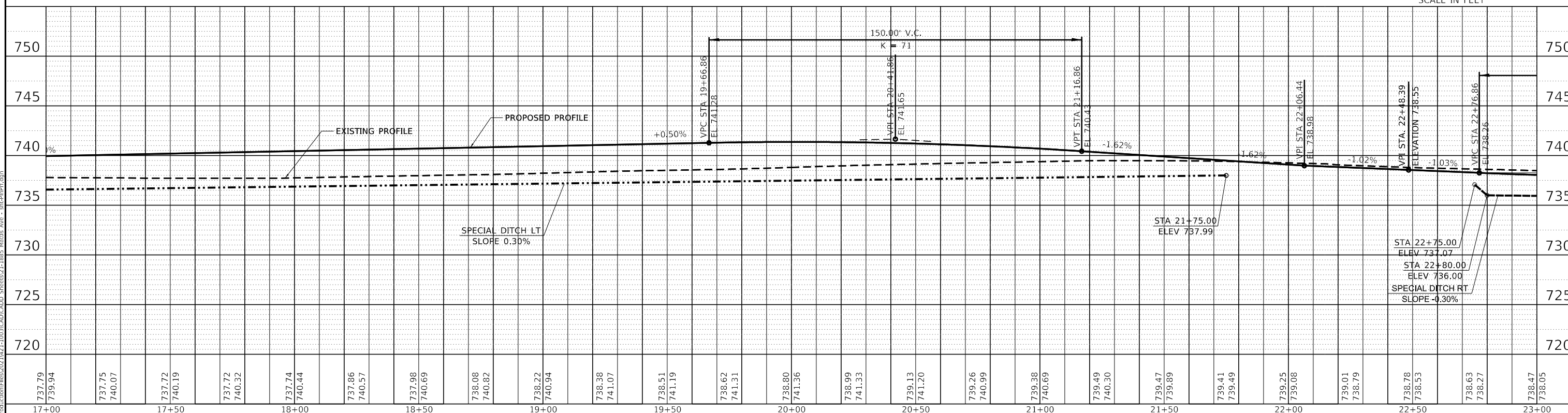
③ 46-20-27-400-007
GILLILAND, EMMA O TRUSTBUSEY
AG RESOURCES

② 03-20-26-300-020
LO, ALEXANDER C TRUSTEE



 201 West Springfield Avenue, Suite 1012 Champaign, IL 61820 PHONE: 217-675-7633	USER NAME = Nick.Burris	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SOUTH MATTIS AVENUE PLAN AND PROFILE	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 40.0000 ' / in.	DRAWN -	REVISED -							
	PLOT DATE = 10/1/2025	CHECKED -	REVISED -							
		DATE -	REVISED -							
						SCALE:	SHEET	OF 12	SHEETS	CONTRACT NO. 91642
						ILLINOIS FED. AID PROJECT				

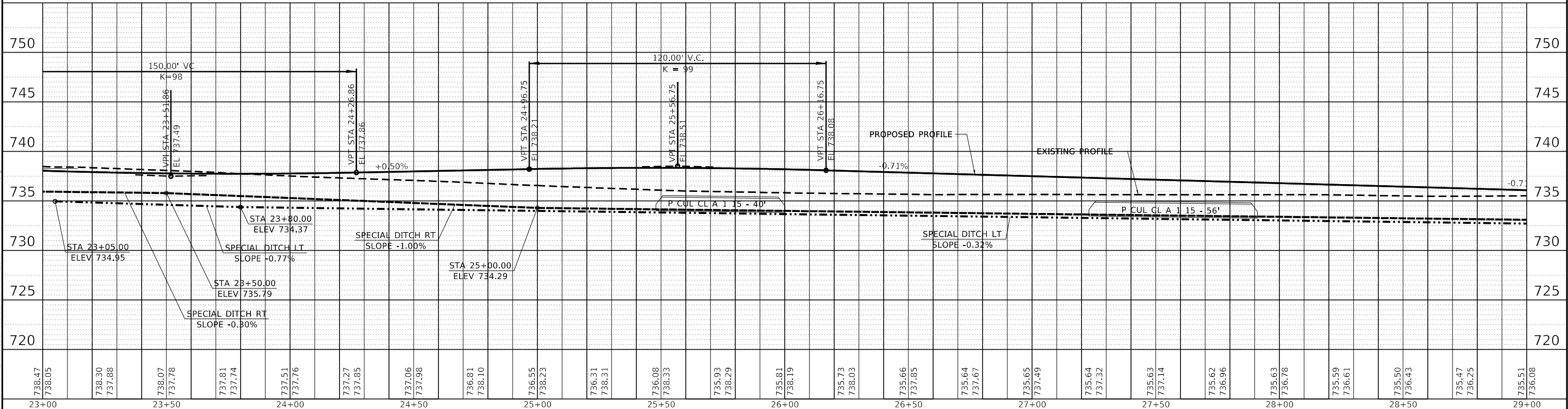
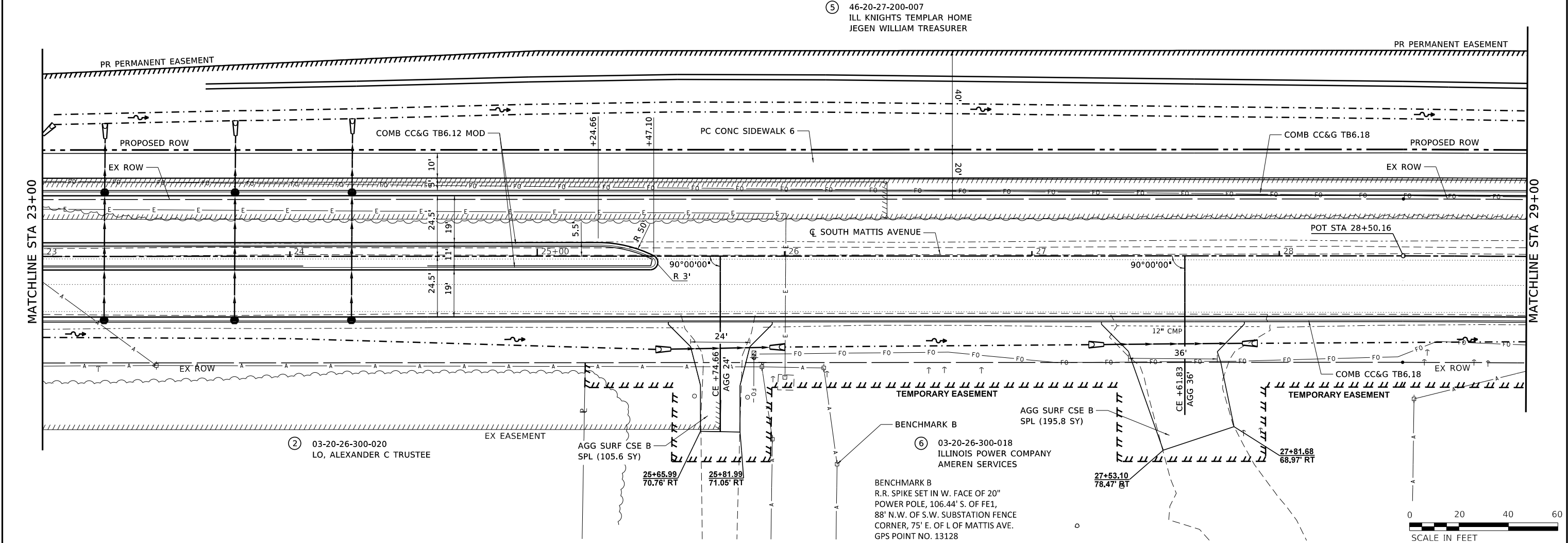
② 03-20-26-300-020
LO, ALEXANDER C TRUSTEE



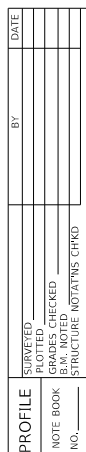
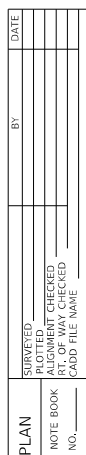
PLAN	SURVEYED	DATE
NOTE BOOK	BY	
NO.		

PROFILE	SURVEYED	DATE
NOTE BOOK	BY	
NO.		

MODEL 05 PLAN PROF
FILE NAME: X:\production\files\2021\421-1003\CADD\Sheds21-185 Mattis Ave - splan1.prf.dgn



 LOCHMUELLER GROUP 201 West Springfield Avenue, Suite 1012 Champaign, IL 61820 PHONE: 217-675-7633	USER NAME = Nick.Burris	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SOUTH MATTIS AVENUE PLAN AND PROFILE	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 40.0000' / in.	DRAWN -	REVISED -			7159	19-000314-00-PV	CHAMPAIGN	197	50
	PLOT DATE = 10/1/2025	CHECKED -	REVISED -			CONTRACT NO. 91642				
		DATE -	REVISED -			ILLINOIS / FED. AID PROJECT				

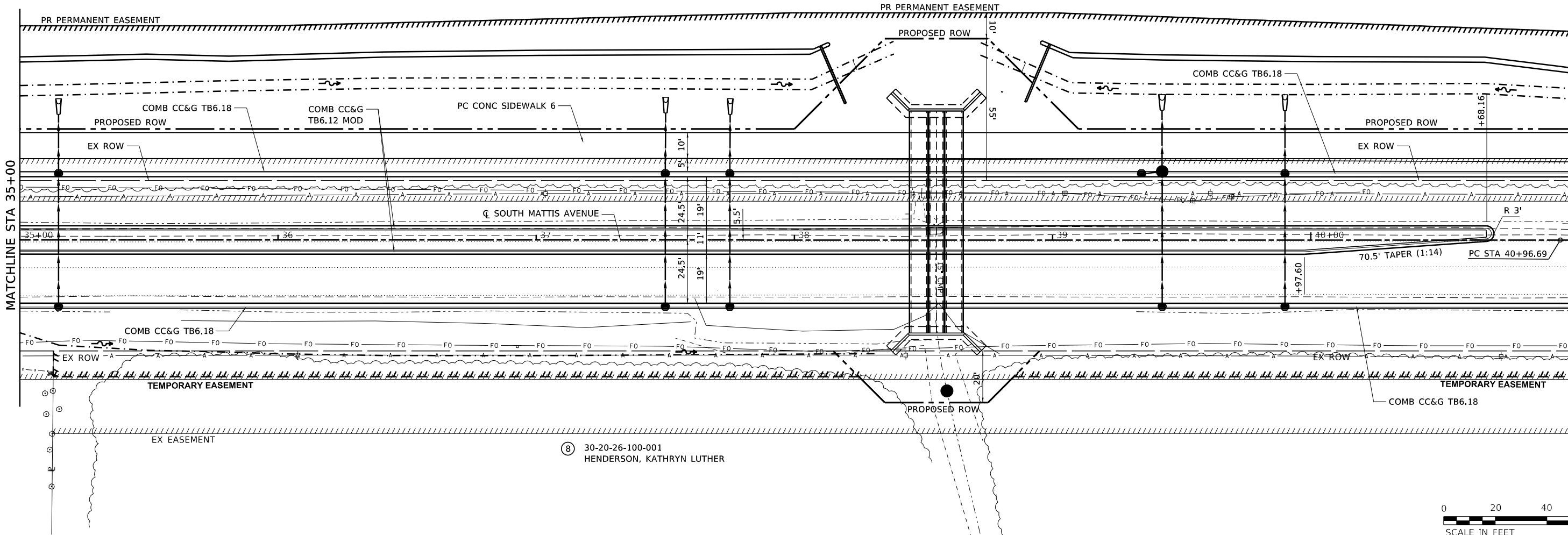


F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7159	19-000314-00-PV	CHAMPAIGN	197	51
		CONTRACT NO. 91642		
ILLINOIS		FED. AID PROJECT		

⑤ 46-20-27-200-007
ILL KNIGHTS TEMPLAR HOME
JEGEN WILLIAM TREASURER



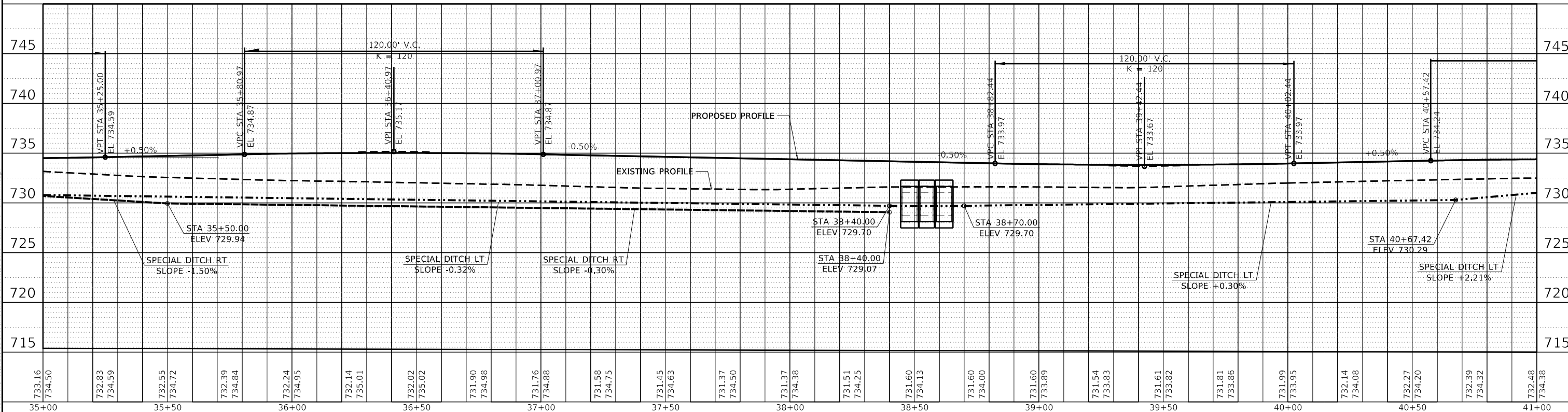
PLAN	SURVEYED	DATE
NOTE BOOK	BY	
NO.		



⑧ 30-20-26-100-001
HENDERSON, KATHRYN LUTHER



PROFILE	SURVEYED	DATE
NOTE BOOK	BY	
NO.		



USER NAME = Nick.Burris		DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION		SOUTH MATTIS AVENUE PLAN AND PROFILE		F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
PLOT SCALE = 40.0000' / in.		DRAWN -	REVISED -					7159	19-000314-00-PV	CHAMPAIGN	197	52
PLOT DATE = 10/1/2025		CHECKED -	REVISED -					CONTRACT NO. 91642				
		DATE -	REVISED -					ILLINOIS / FED. AID PROJECT				

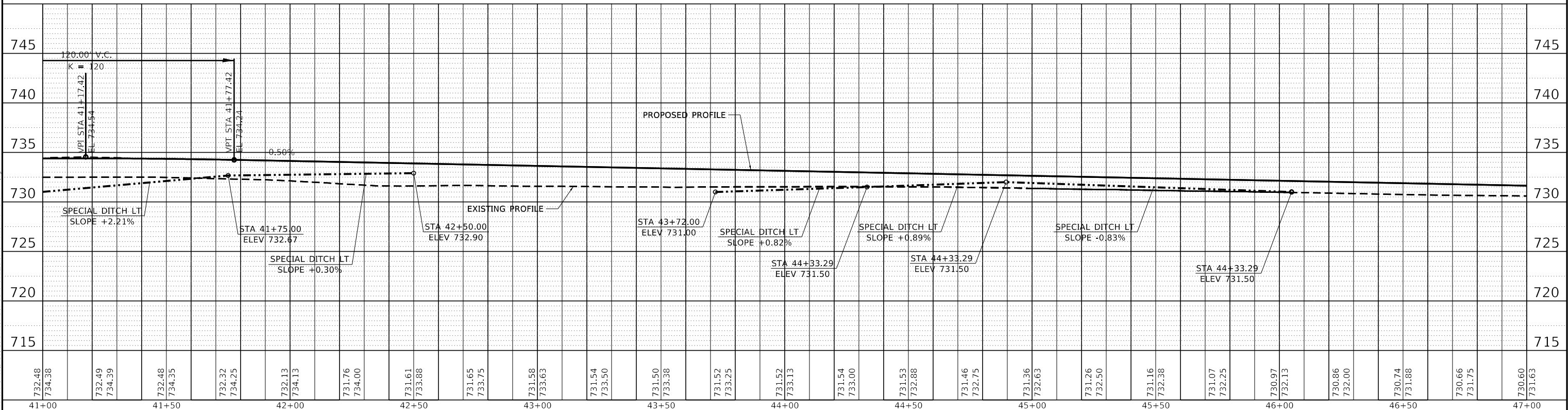
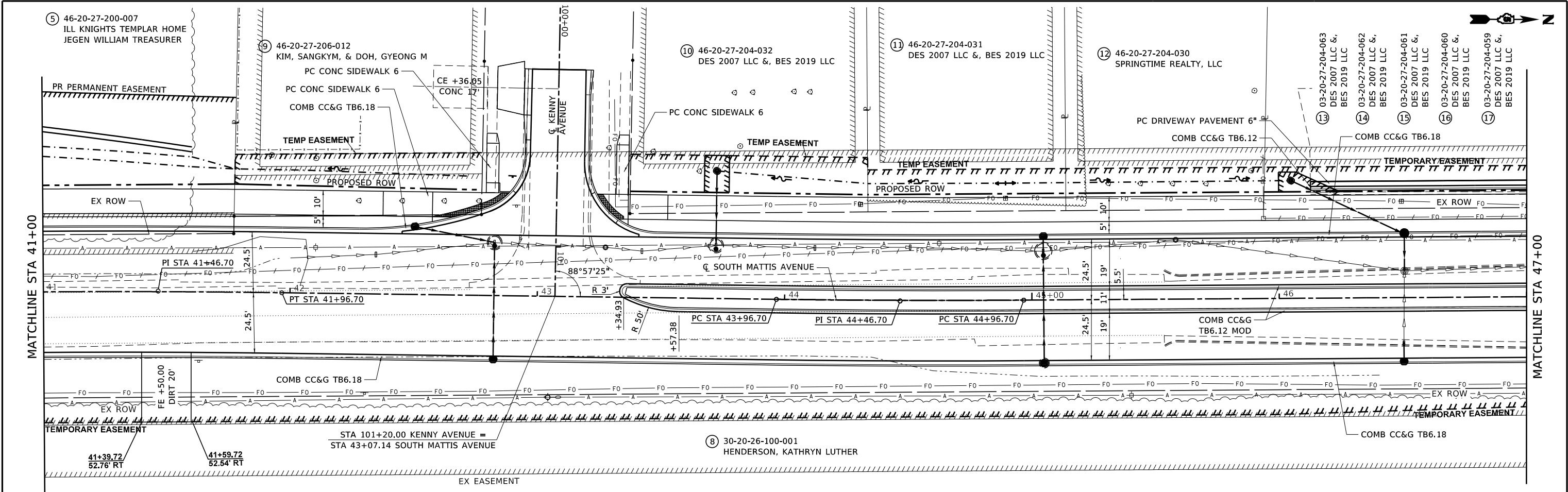
MODEL 07 PLAN PROF
FILE NAME: X:\production\files\2021\421-1003\CAD\CADD Sheets\21-185 Mattis Ave - splan1.prf.dgn



PLAN	SURVEYED	DATE
NOTE BOOK	BY	
NO.		

PROFILE	SURVEYED	DATE
NOTE BOOK	BY	
NO.		

MODEL 08 PLAN PROF
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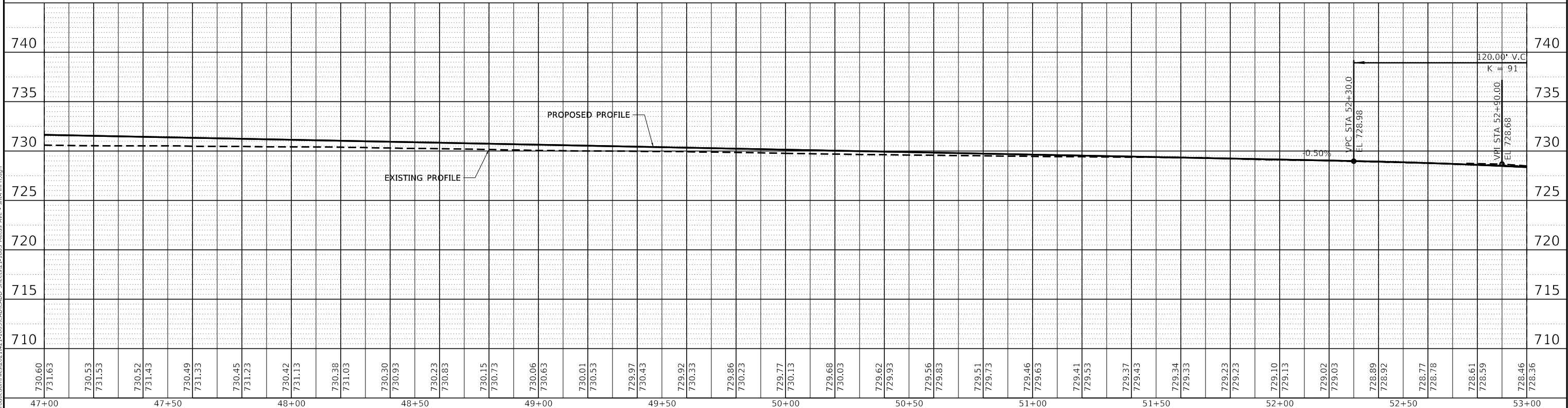
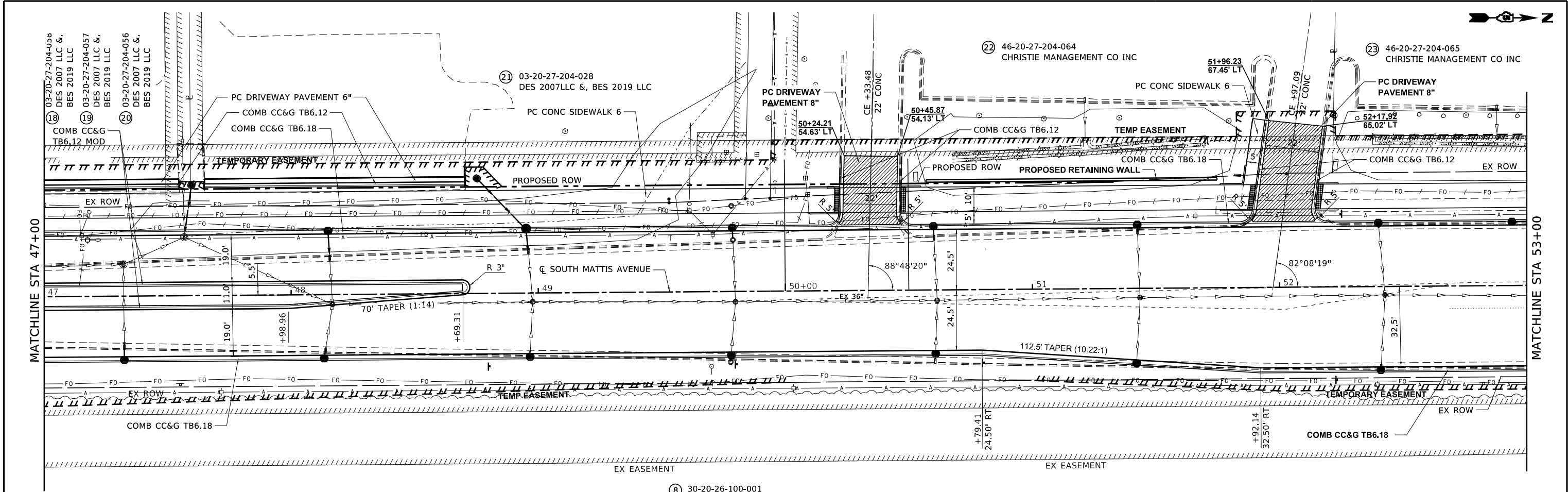


 201 West Springfield Avenue, Suite 1012 Champaign, IL 61820 PHONE: 312.752.2623 FAX: 312.752.2624	USER NAME = Nick.Burris	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SOUTH MATTIS AVENUE PLAN AND PROFILE	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -			7159	19-000314-00-PV	CHAMPAIGN	197	53
	PLOT SCALE = 40.0000 ' / in.	CHECKED -	REVISED -			CONTRACT NO. 91642				
	PLOT DATE = 10/1/2025	DATE -	REVISED -			ILLINOIS / FED. AID PROJECT				
						SCALE:	SHEET	OF 12 SHEETS		

PLAN	SURVEYED	DATE
NOTE BOOK	BY	
NO.		

PROFILE	SURVEYED	DATE
NOTE BOOK	BY	
NO.		

MODEL 09 PLAN PROF
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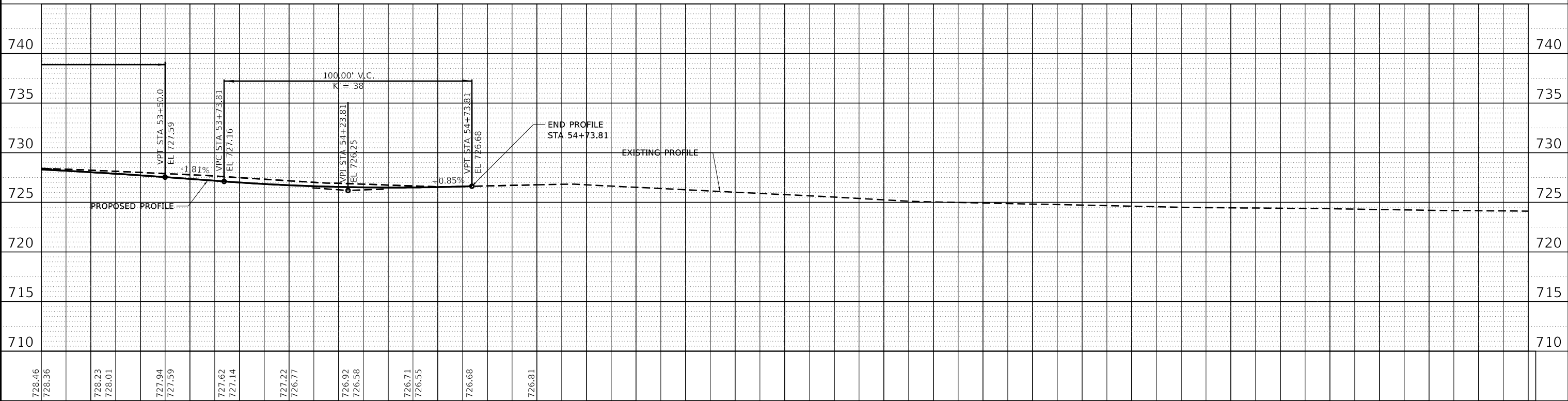
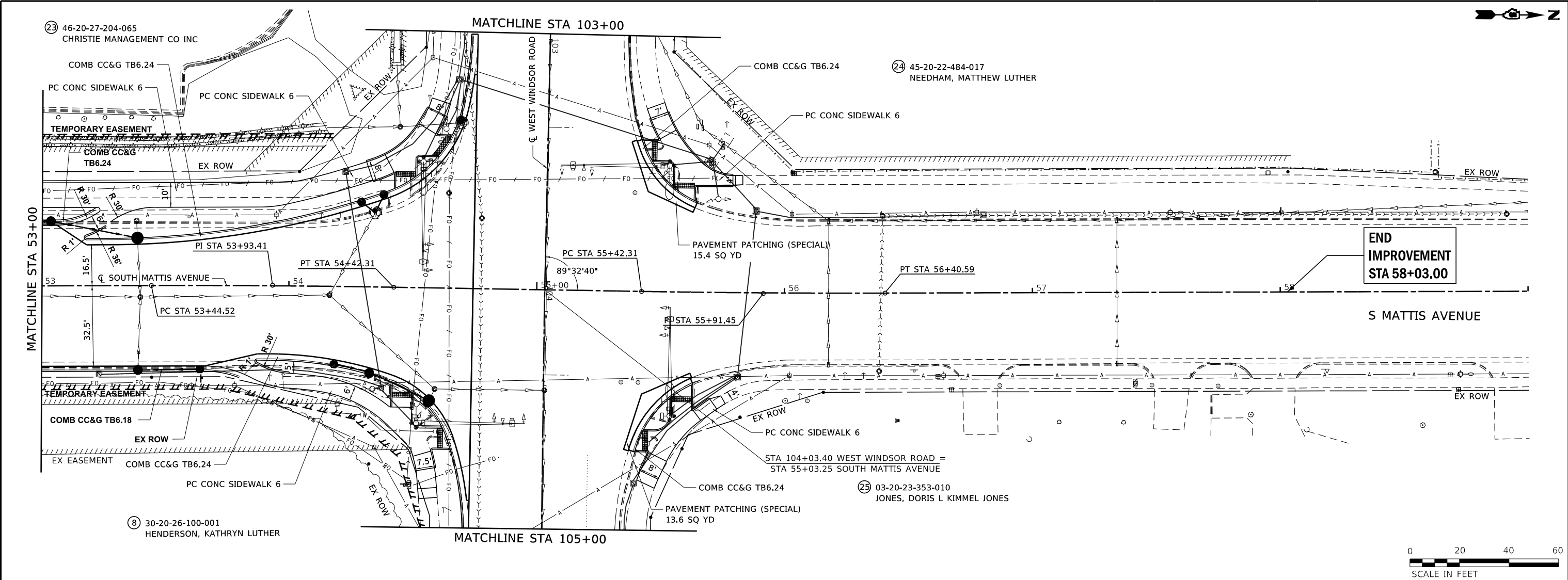


 201 West Springfield Avenue, Suite 1012 Champaign, IL 61820 PHONE: 217.673.7633	USER NAME = Nick.Burris	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SOUTH MATTIS AVENUE PLAN AND PROFILE			F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 40.0000 ' / in.	DRAWN -	REVISED -					7159	19-000314-00-PV	CHAMPAIGN	197	54
	PLOT DATE = 10/1/2025	CHECKED -	REVISED -					CONTRACT NO. 91642				
		DATE -	REVISED -					ILLINOIS FED. AID PROJECT				
SCALE: 1"=20'		SHEET 9 OF 12 SHEETS		STA 47+00.00 TO STA 53+00.00								

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

PROFILE	SURVEYED _____	BY _____	DATE _____
	PLOTTED _____		
NOTE BOOK	GRADES CHECKED _____		
	R.M. NOTED _____		
NO. _____	STRUCTURE NOTATIONS CHKD _____		

MODEL 10 PLAN PROF
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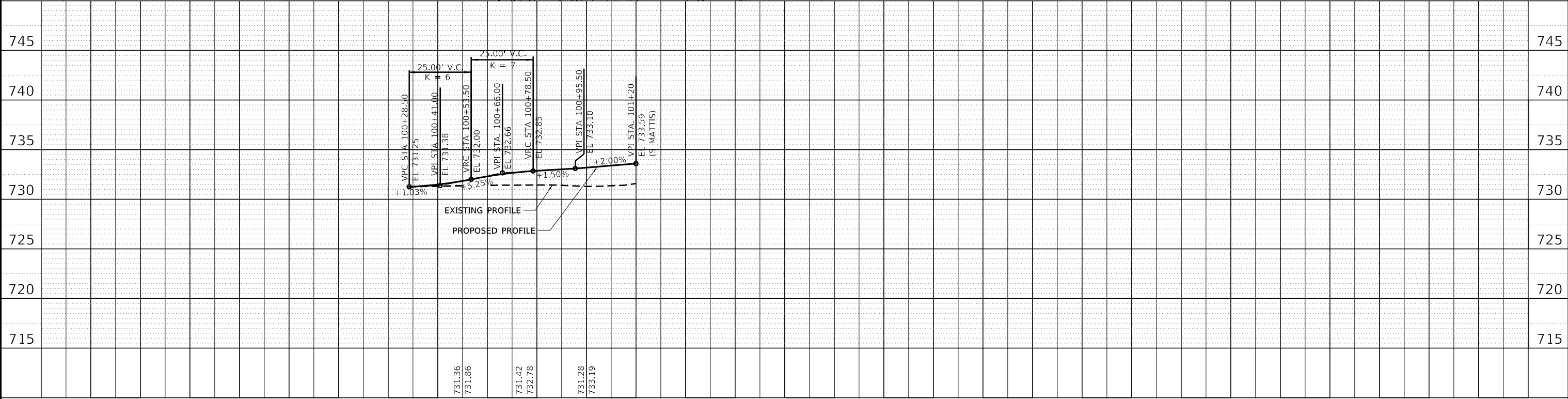


 201 West Springfield Avenue, Suite 1012 Champaign, IL 61820 PHONE: 217-675-7633	USER NAME = Nick.Burris		DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SOUTH MATTIS AVENUE PLAN AND PROFILE				F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 40,0000 ' / in.		DRAWN -	REVISED -						7159	19-000314-00-PV	CHAMPAIGN	197	55
	PLOT DATE = 10/1/2025		CHECKED -	REVISED -		SCALE: 1"=20'		SHEET 10 OF 12 SHEETS	STA 53+00.00 TO STA 59+00.00		CONTRACT NO. 91642			
			DATE -	REVISED -						ILLINOIS FED. AID PROJECT				

PLAN	SURVEYED PLOTTED NOTE BOOK NO.	BY	DATE

PROFILE	SURVEYED PLOTTED NOTE BOOK NO.	BY	DATE

MODEL 11 PLAN PROF
FILE NAME: X:\production\Files\2021\421-1003\CADD\Sheds\21-185 Maude Ave - slp\plan1.dgn



USER NAME = Nick.Burris	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 40.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 10/1/2025	DATE -	REVISED -

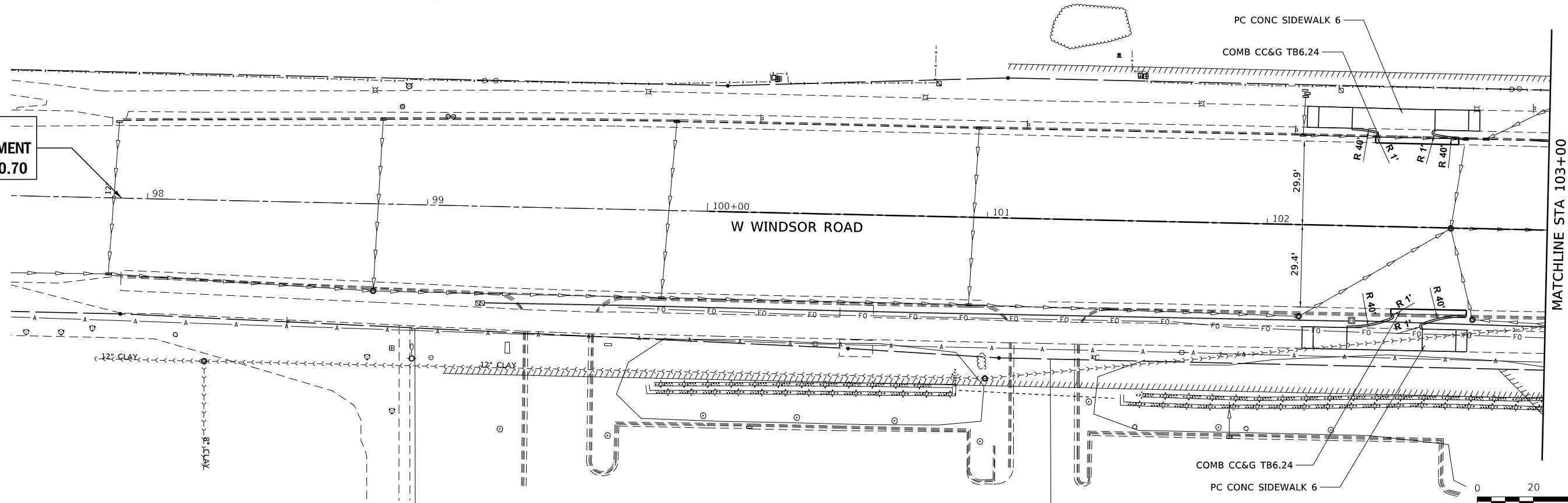
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

KENNEY AVENUE
PLAN AND PROFILE

SCALE: 1"=20' SHEET 11 OF 12 SHEETS KENNEY AVE

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7159	19-000314-00-PV	CHAMPAIGN	197	56
CONTRACT NO. 91642				
ILLINOIS FED. AID PROJECT				

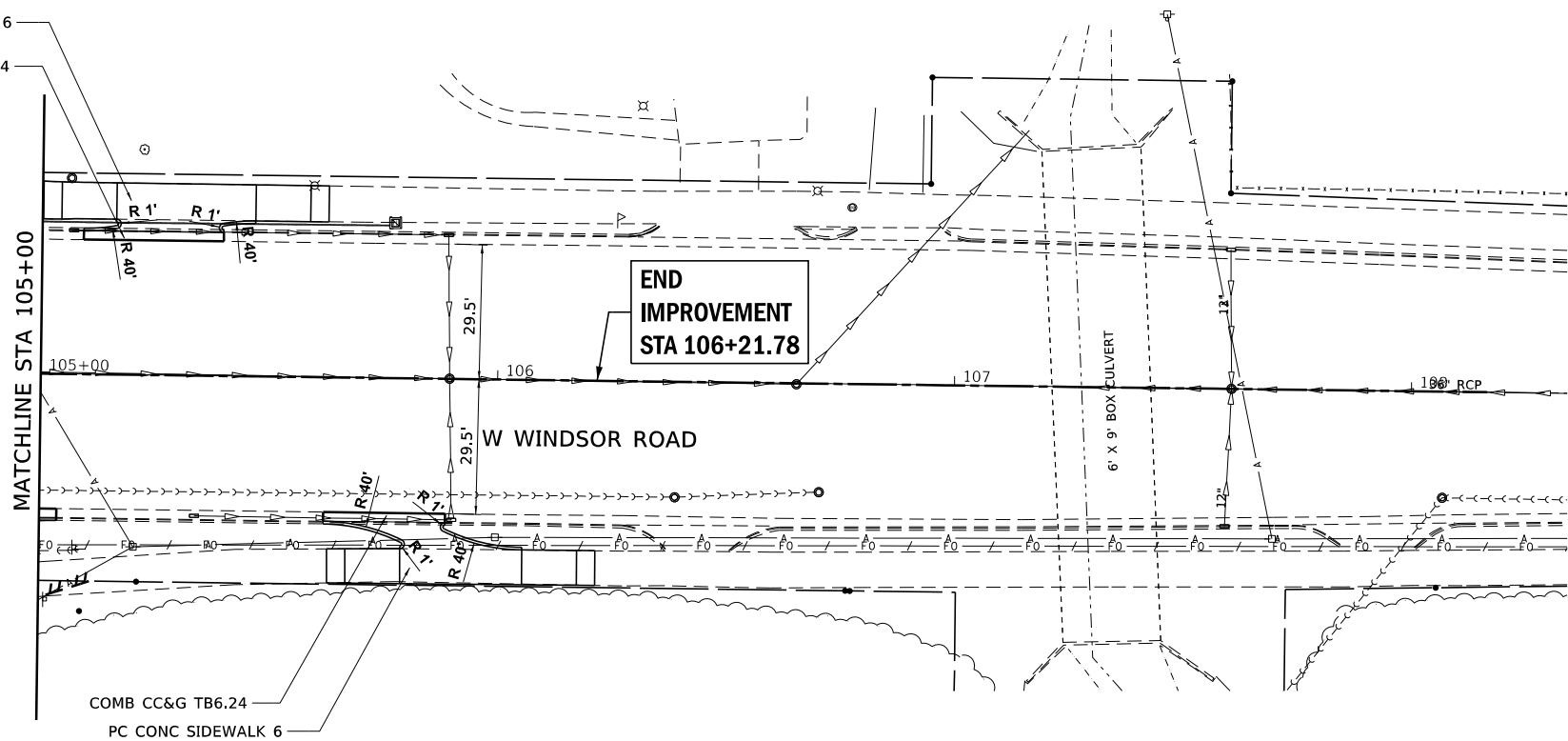
END
IMPROVEMENT
STA 97+90.70



MATCHLINE STA 103+00



PC CONC SIDEWALK 6
COMB CC&G TB6.24



END
IMPROVEMENT
STA 106+21.78

MATCHLINE STA 105+00



MODEL: 12 PLAN PROF
FILE NAME: X:\p\action\files\2021\421-1003\CAD\CADD Sheets\21-1885 Match Ave - shd-pln1.dgn



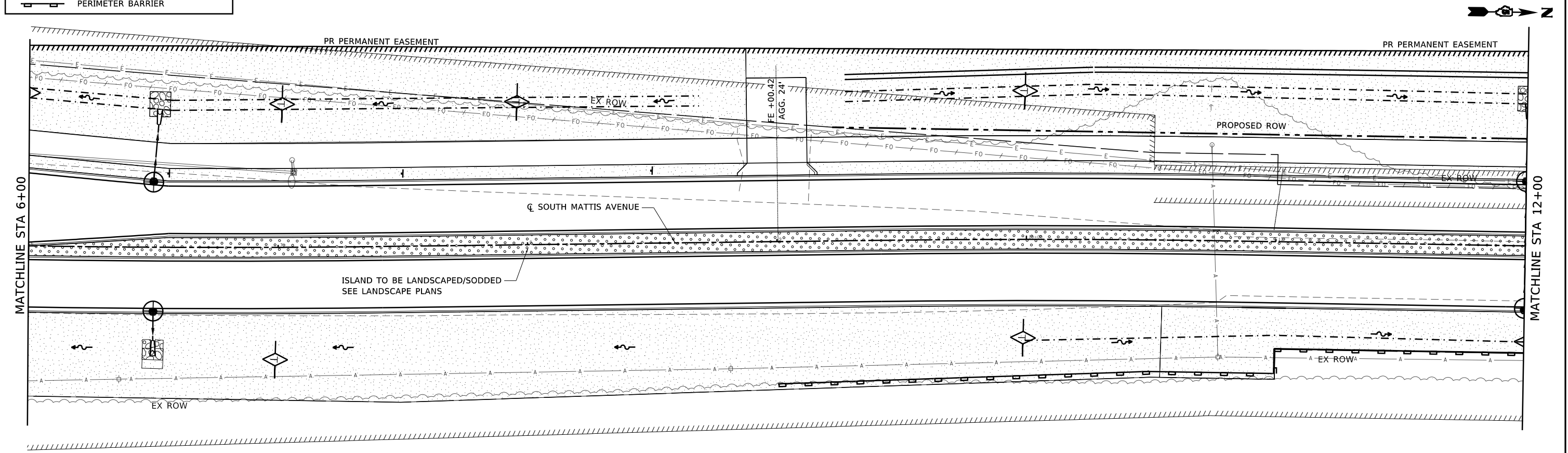
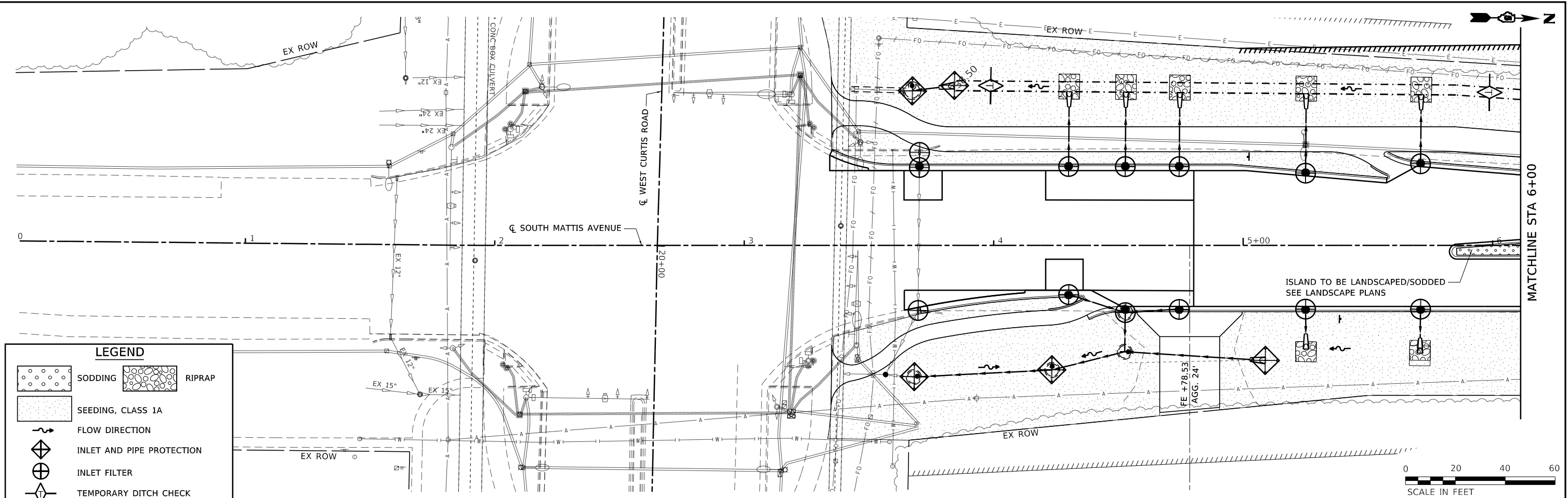
USER NAME = Nick.Burris	DESIGNED -	REVISED -
MODEL NAME = 12 PLAN PROF	DRAWN -	REVISED -
PLOT SCALE = 40.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 10/1/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

WEST WINDSOR ROAD
PLAN

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7159	19-000314-00-PV	CHAMPAIGN	197	57
CONTRACT NO. 91642				
ILLINOIS FED. AID PROJECT				



USER NAME	= Nick.Burris	DESIGNED	-	REVISED	-
MODEL NAME	= 01 REM	DRAWN	-	REVISED	-
PLOT SCALE	= 40.0000 ' / in.	CHECKED	-	REVISED	-
PLOT DATE	= 10/1/2025	DATE	-	REVISED	-

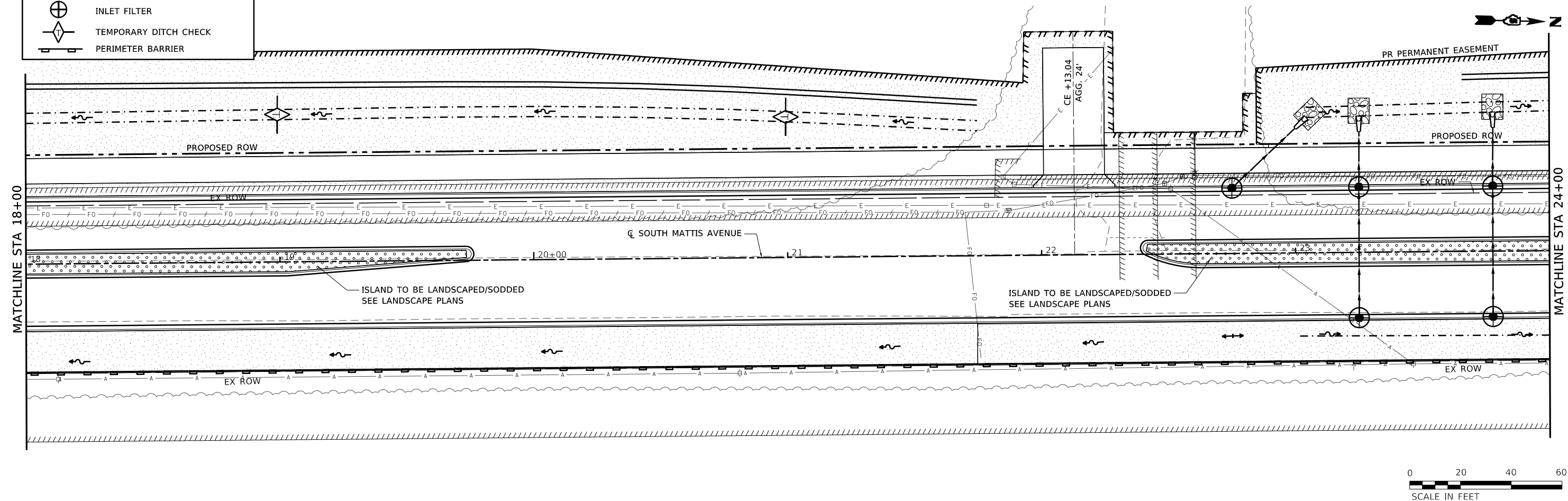
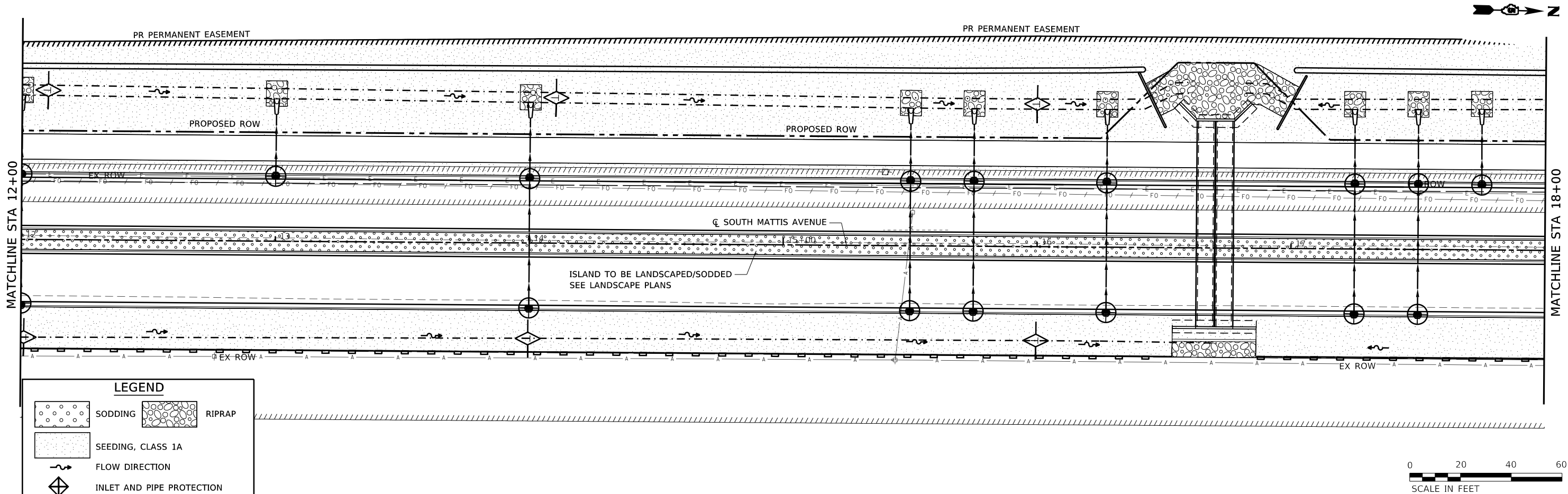
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SOUTH MATTIS AVENUE
EROSION CONTROL PLAN

SCALE: 1"=20' SHEET 1 OF 6 SHEETS STATA 0+00.00 TO STA 12+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7159	19-000314-00-PV	CHAMPAIGN	197	58
CONTRACT NO. 91642				

ILLINOIS FED. AID PROJECT



MODEL: 02 REM
FILE: I:\AME: X:\Production\Files\2021\421-1003\CADD\CADD Sheets\21-1885 Mattis Ave - sht-ErosionControl.dgn



USER NAME = Nick.Burris	DESIGNED -	REVISED -
MODEL NAME = 02 REM	DRAWN -	REVISED -
PLOT SCALE = 40.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 10/1/2025	DATE -	REVISED -

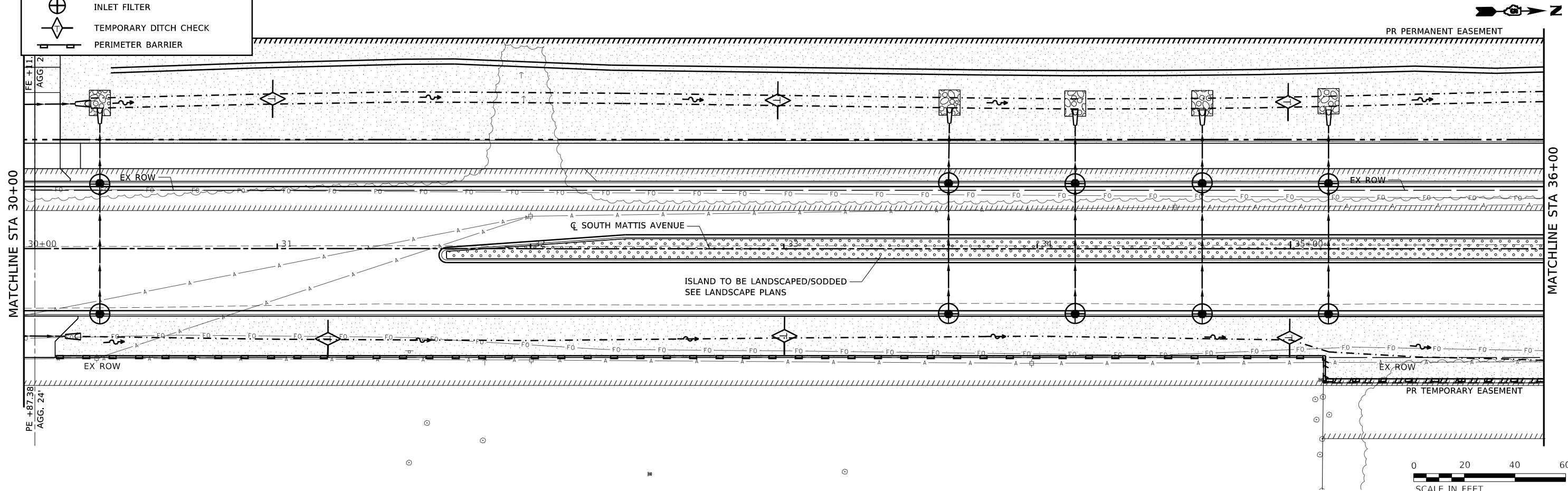
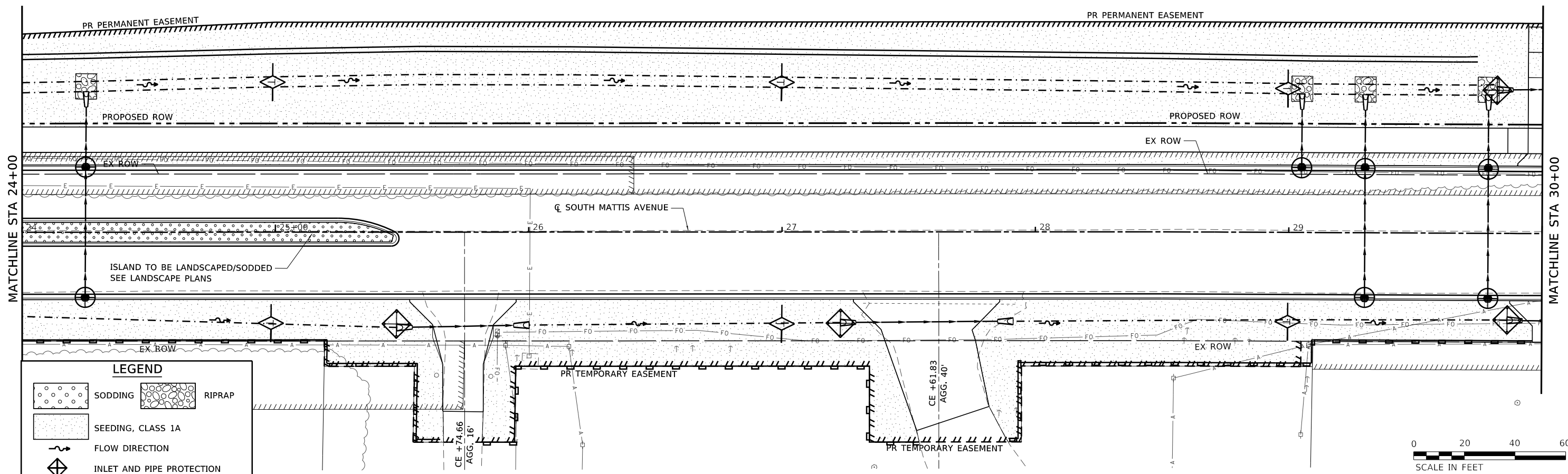
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SOUTH MATTIS AVENUE
EROSION CONTROL PLAN

SCALE: 1"=20' SHEET 2 OF 6 SHEETS STA 12+00.00 TO STA 24+00.00

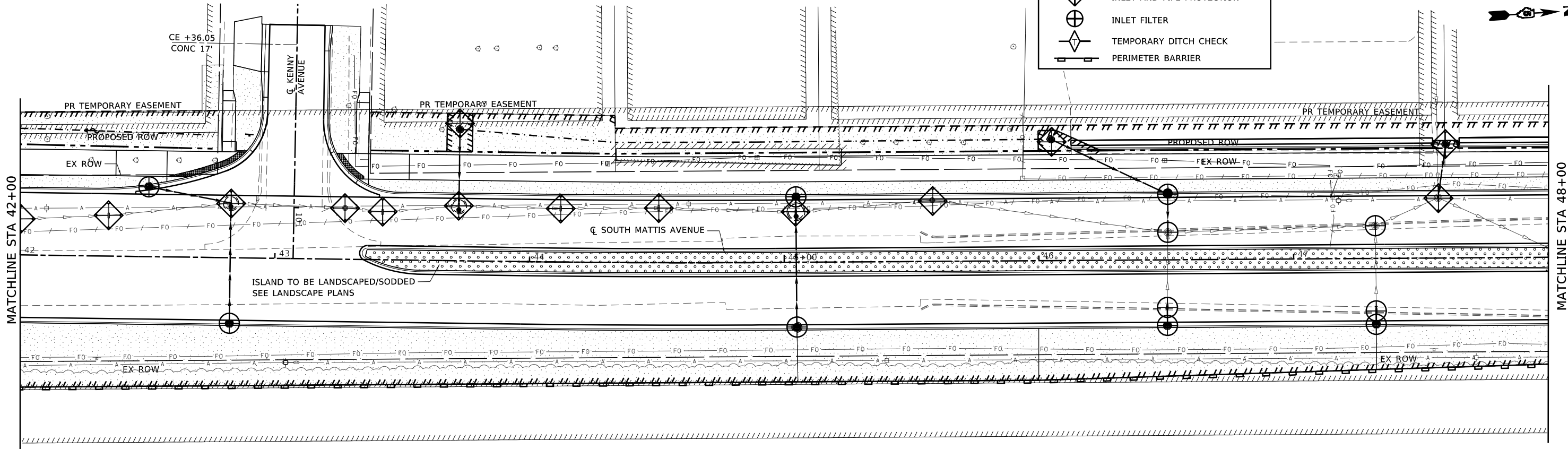
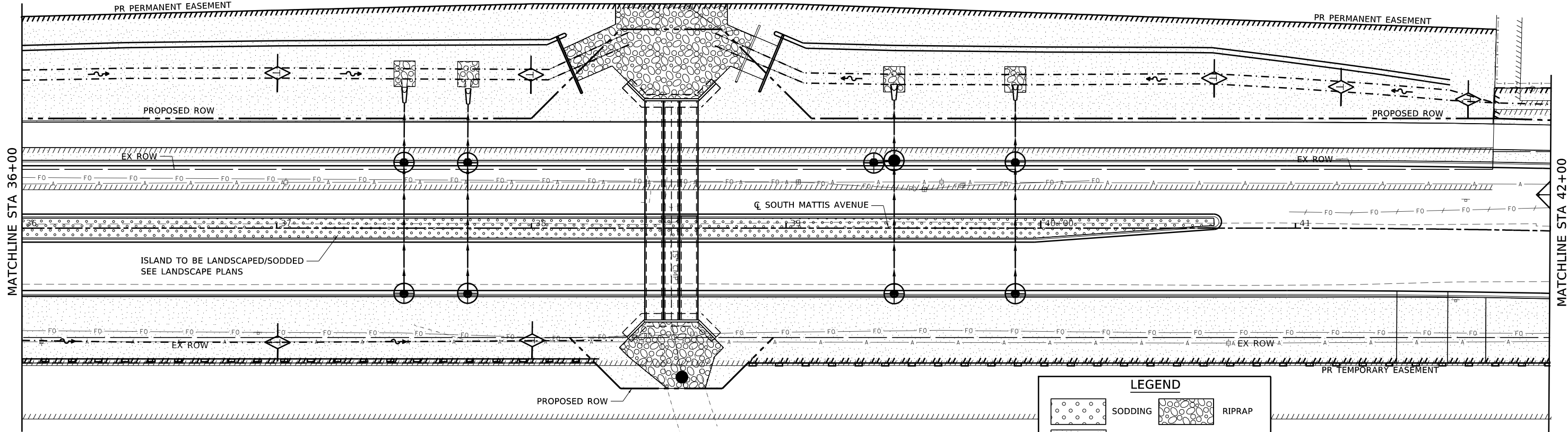
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7159	19-000314-00-PV	CHAMPAIGN	197	59
				CONTRACT NO. 91642
ILLINOIS FED. AID PROJECT				

MODEL 03 REM
FILE NAME: X:\production\Files\2021\42-1003\CAD\CADD Sheets\21-1885 Mattis Ave - sht-ErosionControl.dgn



LOCHMUELLER GROUP 201 West Springfield Avenue, Suite 1012 Champaign, IL 61820 PHONE: 217.673.7633	USER NAME = Nick,Burrus	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SOUTH MATTIS AVENUE EROSION CONTROL PLAN				F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	MODEL NAME = 03 REM	DRAWN -	REVISED -						7159	19-000314-00-PV	CHAMPAIGN	197	60
	PLOT SCALE = 40,0000 ' / in.	CHECKED -	REVISED -						CONTRACT NO. 91642				
	PLOT DATE = 10/1/2025	DATE -	REVISED -						ILLINOIS FED. AID PROJECT				
	SCALE: 1"=20'				SHEET 3 OF 6 SHEETS	ST/STA 24+00.00 TO STA 36+00.00							

MODEL: 04 REM
FILE: I:\Users\X\ProductionFiles\2021\421-1003\CADD\00 Sheets\21-1885 Mattis Ave - sht-ErosionControl.dgn



USER NAME	= Nick.Burris	DESIGNED	-	REVISED	-
MODEL NAME	= 04 REM	DRAWN	-	REVISED	-
PLOT SCALE	= 40.0000 ' / in.	CHECKED	-	REVISED	-
PLOT DATE	= 10/1/2025	DATE	-	REVISED	-

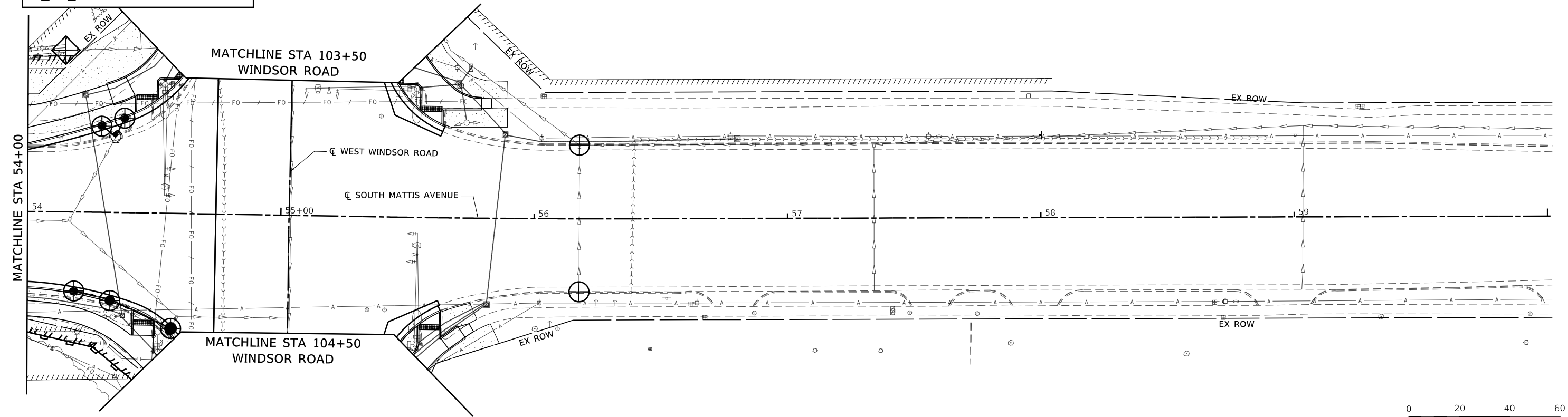
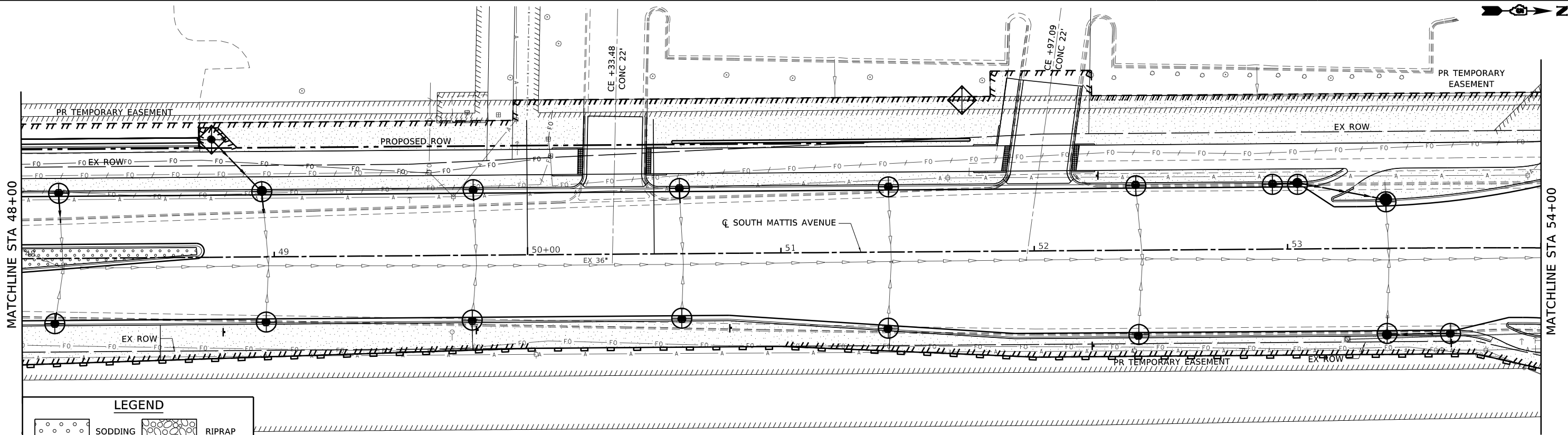
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SOUTH MATTIS AVENUE
EROSION CONTROL PLAN

SCALE: 1"=20' SHEET 4 OF 6 SHEETS STA 36+00.00 TO STA 48+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7159	19-000314-00-PV	CHAMPAIGN	197	61
CONTRACT NO. 91642				
ILLINOIS FED. AID PROJECT				

MODEL OF R&M
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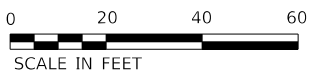
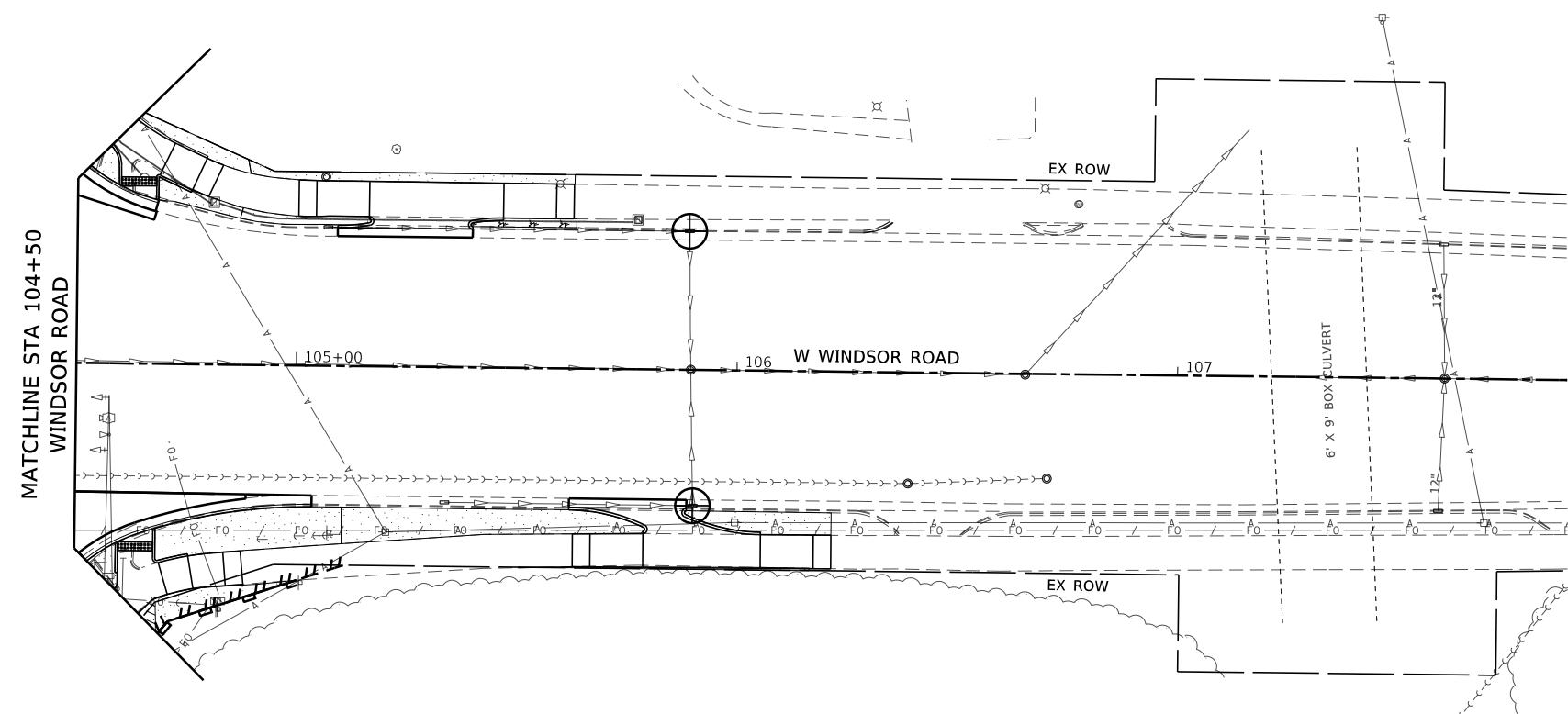
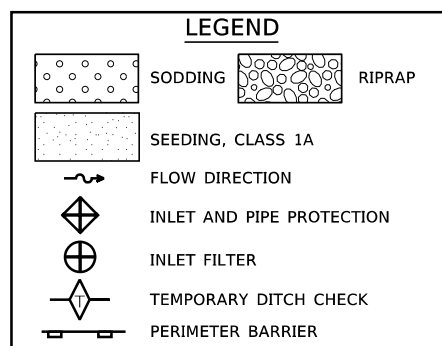
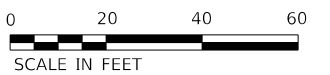
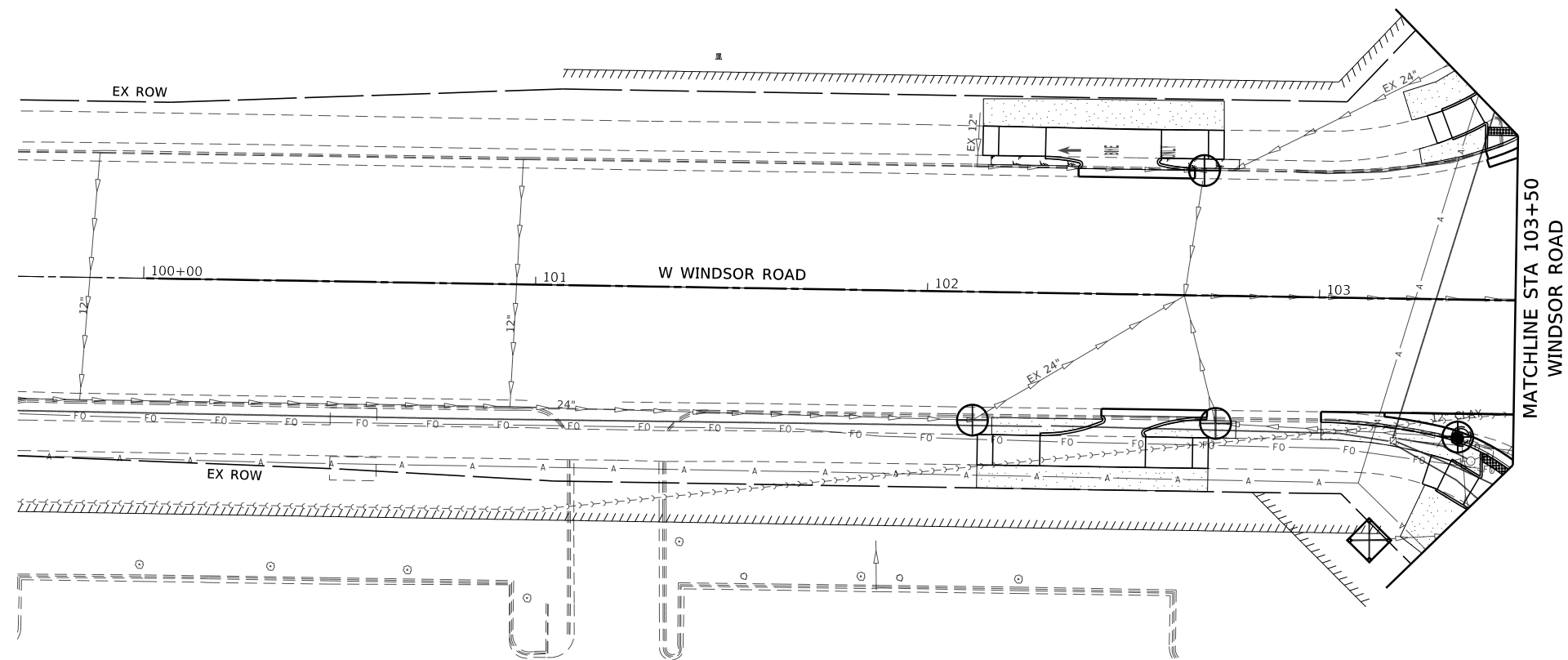
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MODEL NAME	= 05 REM	DRAWN	-	REVISED	-
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PLOT DATE	= 10/1/2025	DATE	-	REVISED	-

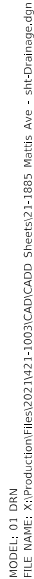
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

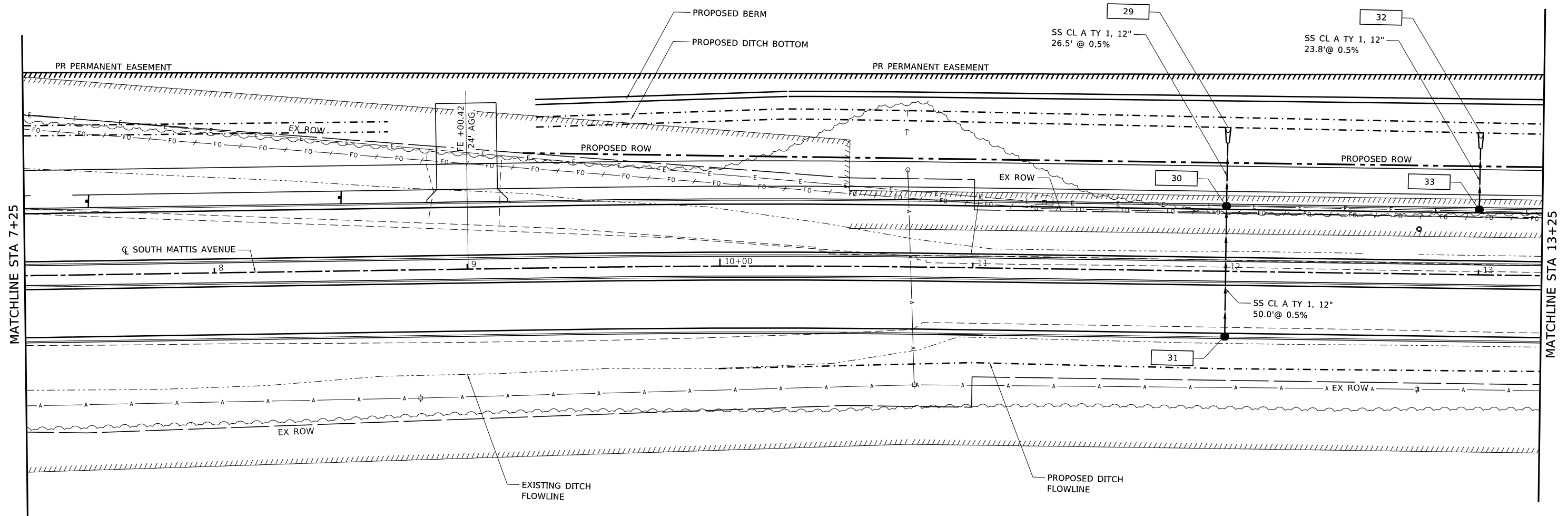
SOUTH MATTIS AVENUE
EROSION CONTROL PLAN

SCALE: 1"=20' SHEET 5 OF 6 SHEETS STA 48+00.00 TO STA 60+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7159	19-000314-00-PV	CHAMPAIGN	197	62
CONTRACT NO. 91642				
ILLINOIS FED. AID PROJECT				







29 STA 12+00.00, 56.85' LT
PRECAST CONC FLARED
END SECTION 12"
(W/TOEWALL)
USFL 737.88

30 STA 12+00.00, 25.56' LT
INLETS TY A TY 3V F&G
EOP 741.42
INV 738.04

31 STA 12+00.00, 25.56' RT
INLETS TY A TY 3V F&G
EOP 741.42
INV 738.29

32 STA 13+00.00, 56.09' LT
PRECAST CONC FLARED
END SECTION 12"
(W/TOEWALL)
USFL 737.88

33 STA 13+00.00, 25.56' LT
INLETS TY A TY 3V F&G
EOP 740.86
INV 737.73



SCALE IN FEET

MODEL: 02.DGN
FILE: I:\AMEZ_X\Production\Files\2021\421-1003\CAD\CADD_Sheets\21-1885_Mattis_Ave_sht-Drainage.dgn



USER NAME = Nick.Burris	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 40.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 10/1/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SOUTH MATTIS AVENUE
DRAINAGE PLAN

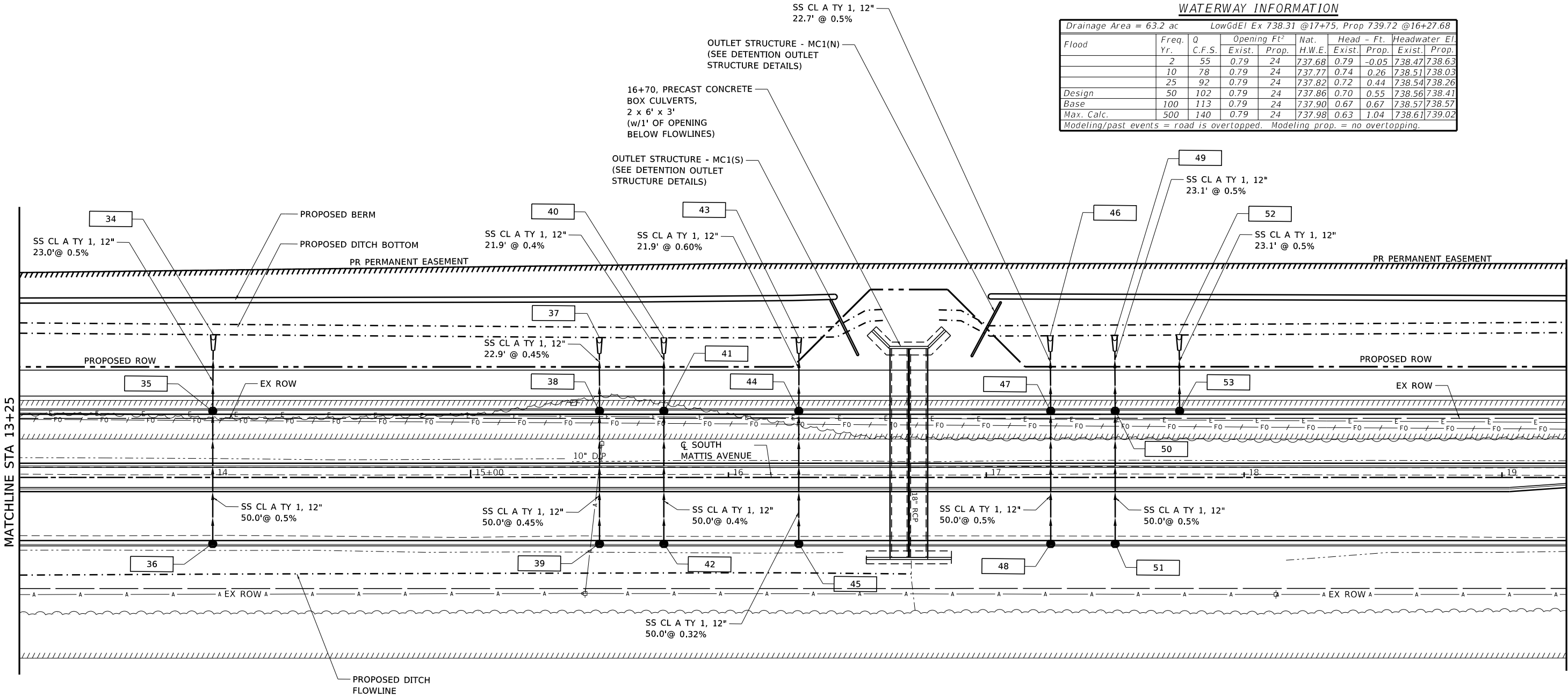
SCALE: 1"=20' SHEET 2 OF 10 SHEETS STA 7+25.00 TO STA 13+25.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7159	19-000314-00-PV	CHAMPAIGN	197	65
CONTRACT NO. 91642				
ILLINOIS FED. AID PROJECT				



WATERWAY INFORMATION

Drainage Area = 63.2 ac		LowGdEI Ex 738.31 @17+75, Prop 739.72 @16+27.68							
Flood	Freq. Yr.	Q C.F.S.	Opening Ft ²		Nat. H.W.E.	Head - Ft.		Headwater El.	
			Exist.	Prop.		Exist.	Prop.	Exist.	Prop.
	2	55	0.79	24	737.68	0.79	-0.05	738.47	738.63
	10	78	0.79	24	737.77	0.74	0.26	738.51	738.03
	25	92	0.79	24	737.82	0.72	0.44	738.54	738.26
Design	50	102	0.79	24	737.86	0.70	0.55	738.56	738.41
Base	100	113	0.79	24	737.90	0.67	0.67	738.57	738.57
Max. Calc.	500	140	0.79	24	737.98	0.63	1.04	738.61	739.02
Modeling/past events = road is overtopped. Modeling prop. = no overtopping.									



34 STA 14+00.00, 55.38' LT
PRECAST CONC FLARED
END SECTION 12"
(W/TOEWALL)
USFL 737.28

35 STA 14+00.00, 25.56' LT
INLETS TY A TY 3V F&G
EOP 740.31
INV 737.43

36 STA 14+00.00, 25.56' RT
INLETS TY A TY 3V F&G
EOP 740.31
INV 737.68

37 STA 15+50.00, 54.27' LT
PRECAST CONC FLARED
END SECTION 12"
(W/TOEWALL)
USFL 736.81

38 STA 15+50.00, 25.56' LT
INLETS TY A TY 3V F&G
EOP 739.49
INV 736.94

39 STA 15+50.00, 25.56' RT
INLETS TY A TY 3V F&G
EOP 739.49
INV 737.16

40 STA 15+75.00, 54.18' LT
PRECAST CONC FLARED
END SECTION 12"
(W/TOEWALL)
USFL 736.73

41 STA 15+75.00, 25.56' LT
INLETS TY A TY 3V F&G
EOP 739.37
INV 736.84

42 STA 15+75.00, 25.56' RT
INLETS TY A TY 3V F&G
EOP 739.37
INV 737.04

43 STA 16+25.75, 54.23' LT
PRECAST CONC FLARED
END SECTION 12"
(W/TOEWALL)
USFL 736.56

44 STA 16+25.75, 25.56' LT
INLETS TY A TY 3 F&G
EOP 739.24
INV 736.73

45 STA 16+25.75, 25.56' RT
INLETS TY A TY 3 F&G
EOP 739.24
INV 736.88

46 STA 17+25.00, 54.96' LT
PRECAST CONC FLARED
END SECTION 12"
(W/TOEWALL)
USFL 736.66

47 STA 17+25.00, 25.56' LT
INLETS TY A TY 3V F&G
EOP 739.58
INV 736.80

48 STA 17+25.00, 25.56' RT
INLETS TY A TY 3V F&G
EOP 739.58
INV 737.05

49 STA 17+50.00, 55.11' LT
PRECAST CONC FLARED
END SECTION 12"
(W/TOEWALL)
USFL 736.75

50 STA 17+50.00, 25.56' LT
INLETS TY A TY 3V F&G
EOP 739.70
INV 736.90

51 STA 17+50.00, 25.56' RT
INLETS TY A TY 3V F&G
EOP 739.70
INV 737.15

52 STA 17+75.00, 55.25' LT
PRECAST CONC FLARED
END SECTION 12"
(W/TOEWALL)
USFL 737.05

53 STA 17+75.00, 25.56' LT
INLETS TY A TY 3V F&G
EOP 739.83
INV 737.20



SCALE IN FEET

MODEL 03.DGN
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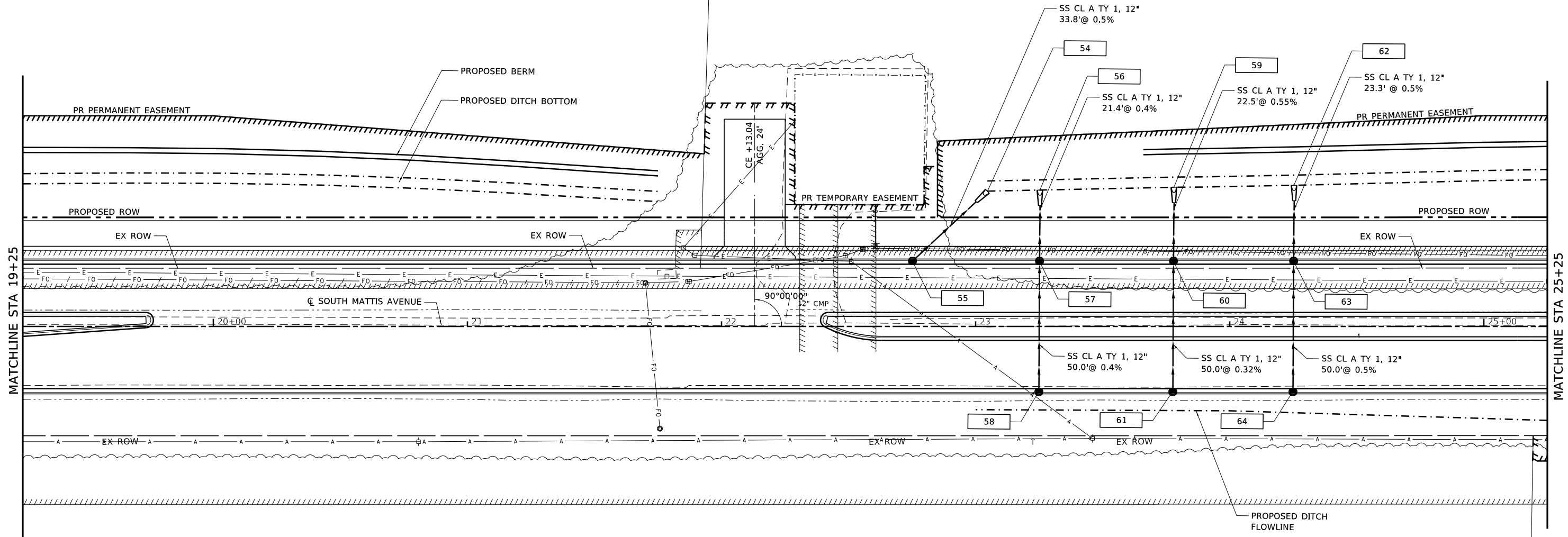
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PLOT DATE = 10/1/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SOUTH MATTIS AVENUE
DRAINAGE PLAN

SCALE: 1"=20' SHEET 3 OF 10 SHEETS STA 13+25.00 TO STA 19+25.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7159	19-000314-00-PV	CHAMPAIGN	197	66
CONTRACT NO. 91642				
ILLINOIS FED. AID PROJECT				



54 STA 23+04.64, 53.23' LT
PRECAST CONC FLARED
END SECTION 12"
(W/TOEWALL)
USFL 734.95

55 STA 22+75.00, 25.56' LT
INLETS TY A TY 3V F&G
EOP 737.78
INV 735.15

56 STA 23+25.00, 53.69' LT
PRECAST CONC FLARED
END SECTION 12"
(W/TOEWALL)
USFL 734.81

57 STA 23+25.00, 25.56' LT
INLETS TY A TY 3V F&G
EOP 737.40
INV 734.92

58 STA 23+25.00, 25.56' RT
INLETS TY A TY 3V F&G
EOP 737.40
INV 735.12

59 STA 23+77.72, 54.80' LT
PRECAST CONC FLARED
END SECTION 12"
(W/TOEWALL)
USFL 734.40

60 STA 23+77.72, 25.56' LT
INLETS TY B TY 3 F&G
(W/FST)
EOP 737.26
INV 734.56

61 STA 23+77.72, 25.56' RT
INLETS TY A TY 3 F&G
EOP 737.26
INV 734.72

62 STA 24+25.00, 55.59' LT
PRECAST CONC FLARED
END SECTION 12"
(W/TOEWALL)
USFL 734.13

63 STA 24+25.00, 25.56' LT
INLETS TY A TY 3V F&G
EOP 737.36
INV 734.28

64 STA 24+25.00, 25.56' RT
INLETS TY A TY 3V F&G
EOP 737.36
INV 734.53



MODEL: 04.DGN
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	DRAWN -	REVISED -
PLOT SCALE = 40.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 10/1/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SOUTH MATTIS AVENUE
DRAINAGE PLAN

SCALE: 1"=20' SHEET 4 OF 10 SHEETS STA 19+25.00 TO STA 25+25.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7159	19-000314-00-PV	CHAMPAIGN	197	67
CONTRACT NO. 91642				
ILLINOIS FED. AID PROJECT				



69 STA 29+05.00, 54.71' LT
PRECAST CONC FLARED
END SECTION 12"
(W/TOEWALL)
USFL 732.78

70 STA 29+05.00, 25.56' LT
INLETS TY A TY 3V F&G
EOP 735.55
INV 732.92

71 STA 29+30.00, 54.55' LT
PRECAST CONC FLARED
END SECTION 12"
(W/TOEWALL)
USFL 732.64

72 STA 29+30.00, 25.56' LT
INLETS TY A TY 3V F&G
EOP 735.43
INV 732.78

73 STA 29+30.00, 25.56' RT
INLETS TY A TY 3V F&G
EOP 735.43
INV 733.03

74 STA 29+80.39, 54.66' LT
PRECAST CONC FLARED
END SECTION 12"
(W/TOEWALL)
USFL 732.45

75 STA 29+80.39, 25.56' LT
INLETS TY A TY 3 F&G
EOP 735.28
INV 732.64

76 STA 29+80.39, 25.56' RT
INLETS TY A TY 3 F&G
EOP 735.28
INV 732.80

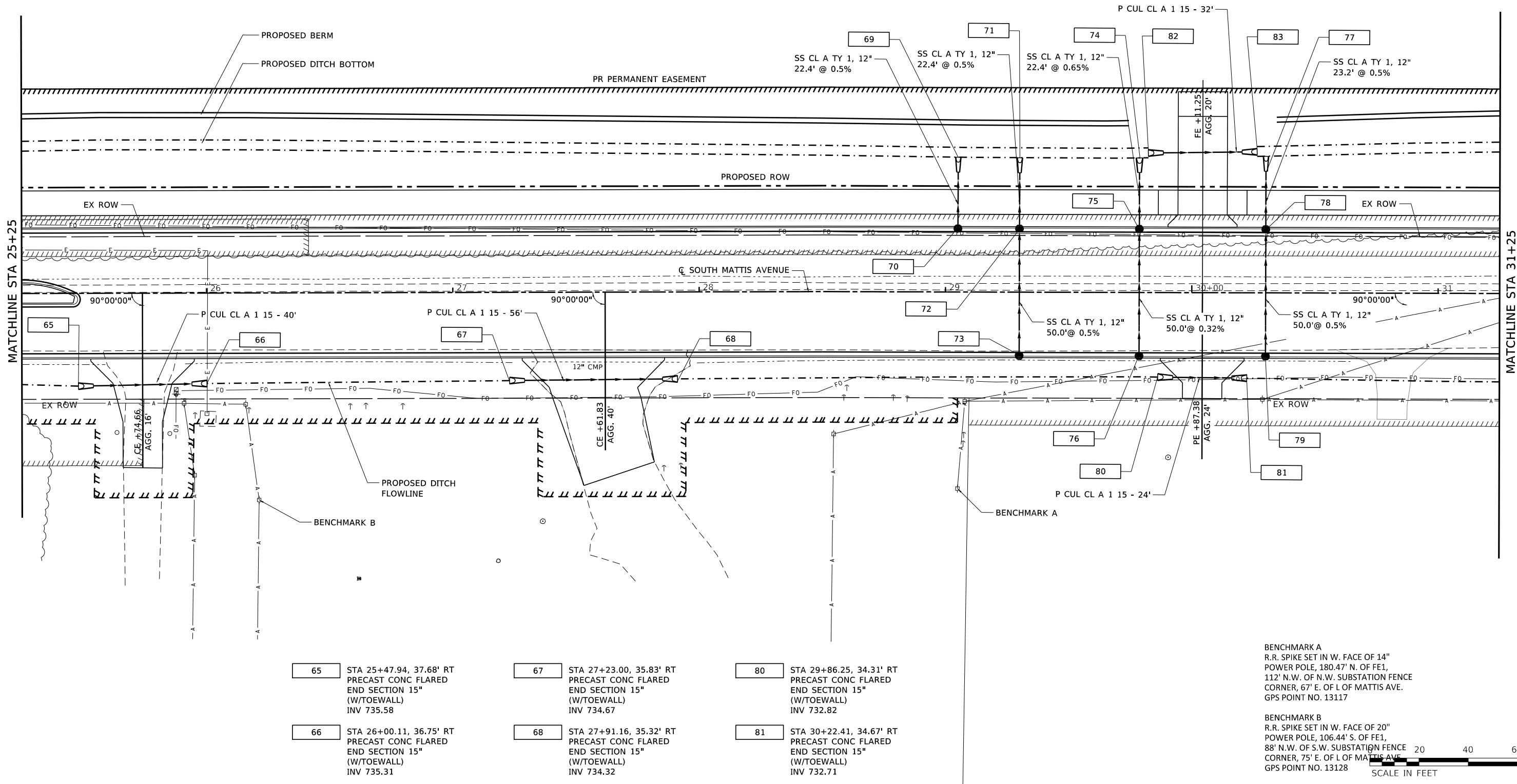
77 STA 30+30.00, 55.43' LT
PRECAST CONC FLARED
END SECTION 12"
(W/TOEWALL)
USFL 732.36

78 STA 30+30.00, 25.56' LT
INLETS TY A TY 3V F&G
EOP 735.39
INV 732.51

79 STA 30+30.00, 25.56' RT
INLETS TY A TY 3V F&G
EOP 735.39
INV 732.76

82 STA 29+82.23, 56.65' LT
PRECAST CONC FLARED
END SECTION 15"
(W/TOEWALL)
USFL 731.78

83 STA 30+26.39, 57.24' LT
PRECAST CONC FLARED
END SECTION 15"
(W/TOEWALL)
USFL 731.64



65 STA 25+47.94, 37.68' RT
PRECAST CONC FLARED
END SECTION 15"
(W/TOEWALL)
INV 735.58

66 STA 26+00.11, 36.75' RT
PRECAST CONC FLARED
END SECTION 15"
(W/TOEWALL)
INV 735.31

67 STA 27+23.00, 35.83' RT
PRECAST CONC FLARED
END SECTION 15"
(W/TOEWALL)
INV 734.67

68 STA 27+91.16, 35.32' RT
PRECAST CONC FLARED
END SECTION 15"
(W/TOEWALL)
INV 734.32

80 STA 29+86.25, 34.31' RT
PRECAST CONC FLARED
END SECTION 15"
(W/TOEWALL)
INV 732.82

81 STA 30+22.41, 34.67' RT
PRECAST CONC FLARED
END SECTION 15"
(W/TOEWALL)
INV 732.71

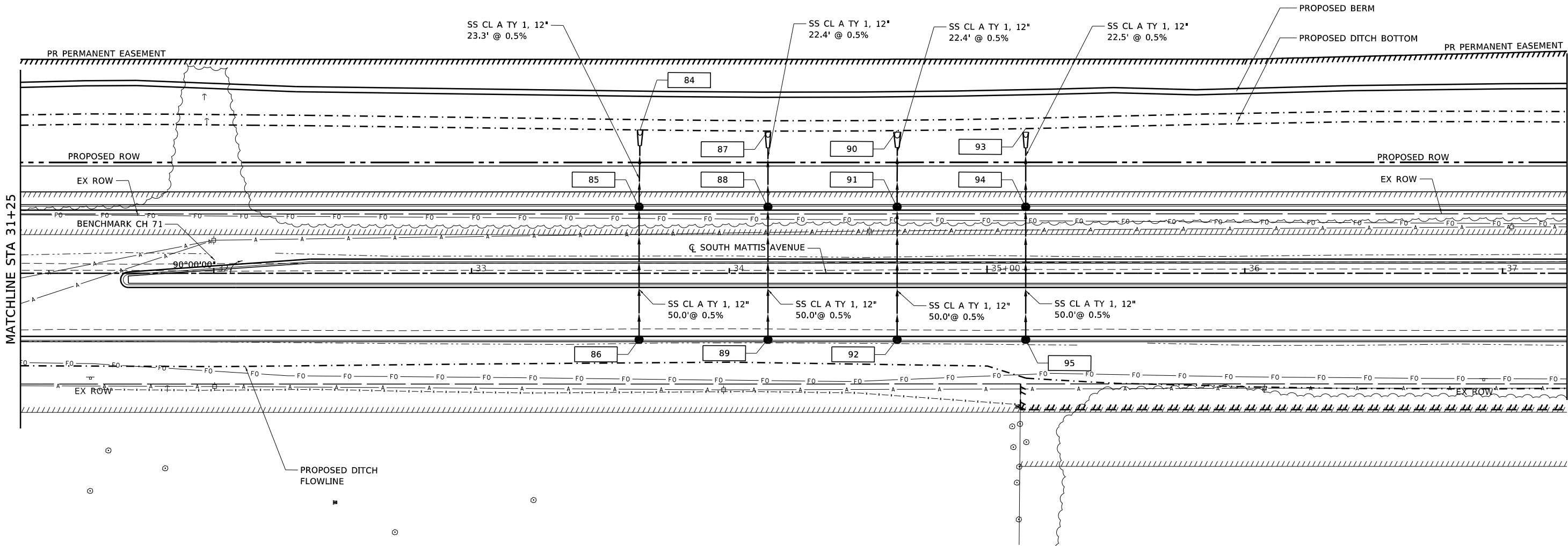
BENCHMARK A
R.R. SPIKE SET IN W. FACE OF 14"
POWER POLE, 180.47' N. OF FE1,
112' N.W. OF N.W. SUBSTATION FENCE
CORNER, 67' E. OF L OF MATTIS AVE.
GPS POINT NO. 13117

BENCHMARK B
R.R. SPIKE SET IN W. FACE OF 20"
POWER POLE, 106.44' S. OF FE1,
88' N.W. OF S.W. SUBSTATION FENCE
CORNER, 75' E. OF L OF MATTIS AVE.
GPS POINT NO. 13128





BENCHMARK CH71-
CITY OF CHAMPAIGN HORIZONTAL AND
VERTICAL CONTROL MONUMENT. BRASS
TABLET IN CONCRETE, 7.68' E. OF 20"
POWER POLE, 15.3' W. OF L OF MATTIS
AVE. GPS POINT NO. 13111



84 STA 33+65.00, 55.61' LT
PRECAST CONC FLARED
END SECTION 12"
(W/TOEWALL)
USFL 731.39

85 STA 33+65.00, 25.56' LT
INLET, TY A
TY 3V F&G
EOP 734.37
INV 731.54

86 STA 33+65.00, 25.56' RT
INLET, TY A
TY 3V F&G
EOP 734.37
INV 731.79

87 STA 34+15.00, 54.75' LT
PRECAST CONC FLARED
END SECTION 12"
(W/TOEWALL)
USFL 731.09

88 STA 34+15.00, 25.56' LT
INLET, TY A
TY 3V F&G
EOP 734.06
INV 731.23

89 STA 34+15.00, 25.56' RT
INLET, TY A
TY 3V F&G
EOP 734.06
INV 731.48

90 STA 34+65.00, 54.75' LT
PRECAST CONC FLARED
END SECTION 12"
(W/TOEWALL)
USFL 731.00

91 STA 34+65.00, 25.56' LT
INLET, TY A
TY 3 F&G
EOP 733.96
INV 731.14

92 STA 34+65.00, 25.56' RT
INLET, TY A
TY 3 F&G
EOP 733.96
INV 731.39

93 STA 35+15.00, 54.75' LT
PRECAST CONC FLARED
END SECTION 12"
(W/TOEWALL)
USFL 731.09

94 STA 35+15.00, 25.56' LT
INLET, TY A
TY 3V F&G
EOP 734.07
INV 731.24

95 STA 35+15.00, 25.56' RT
INLET, TY A
TY 3V F&G
EOP 734.07
INV 731.49



MODEL OF DRAINAGE
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PLOT DATE = 10/1/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

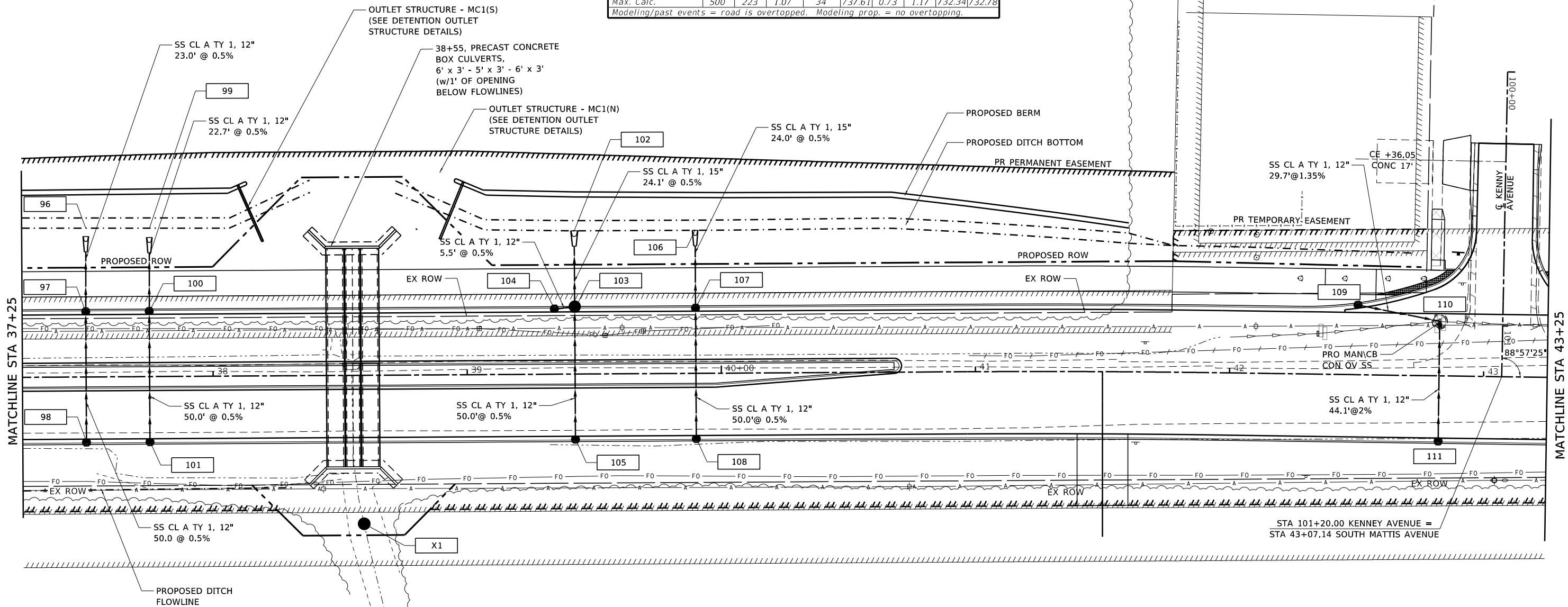
SOUTH MATTIS AVENUE
DRAINAGE PLAN

SCALE: 1"=20' SHEET 6 OF 10 SHEETS STA 31+25.00 TO STA 37+25.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7159	19-000314-00-PV	CHAMPAIGN	197	69
CONTRACT NO. 91642				
ILLINOIS FED. AID PROJECT				

WATERWAY INFORMATION

Drainage Area = 123.3 ac		LowGdEl Ex 731.89 @17+75, Prop 733.82 @39+42.44									
Flood	Freq. Yr.	Q C.F.S.	Opening Ft ² Exist.	Prop.	Nat. H.W.E.	Head - Ft. Exist.	Prop.	Exist.	Prop.	Headwater El. Exist.	Prop.
	2	85	1.07	34	737.31	0.82	-0.12	732.13	731.19		
	10	121	1.07	34	737.40	0.77	0.21	732.17	731.61		
	25	143	1.07	34	737.45	0.78	0.40	732.23	731.85		
Design	50	160	1.07	34	737.49	0.77	0.53	732.26	732.02		
Base	100	178	1.07	34	737.52	0.76	0.68	732.28	732.20		
Max. Calc.	500	223	1.07	34	737.61	0.73	1.17	732.34	732.78		
Modeling/past events = road is overtopped. Modeling prop. = no overtopping.											



96 STA 37+50.00, 55.32' LT
PRECAST CONC FLARED
END SECTION 12"
(W/TOWALL)
USFL 731.16

97 STA 37+50.00, 25.56' LT
INLET, TY A
TY 3V F&G
EOP 734.14
INV 731.31

98 STA 37+50.00, 25.56' RT
INLET, TY A
TY 3V F&G
EOP 734.14
INV 731.56

99 STA 37+75.00, 54.80' LT
PRECAST CONC FLARED
END SECTION 12"
(W/TOWALL)
USFL 731.04

100 STA 37+75.00, 25.56' LT
INLET, TY A
TY 3V F&G
EOP 734.01
INV 731.18

101 STA 37+75.00, 25.56' RT
INLET, TY A
TY 3V F&G
EOP 734.01
INV 731.43

102 STA 39+42.44, 56.40' LT
PRECAST CONC FLARED
END SECTION 15"
(W/TOWALL)
USFL 729.95

103 STA 39+42.44, 26.56' LT
MH TA 4 DIA TY 3 F&G
EOP 733.32
INV 730.04 (W)
INV 730.29 (E,S)

104 STA 39+34.44, 25.56' LT
INLET, TY A
TY 3 F&G
EOP 733.34
INV 730.32

105 STA 39+42.44, 25.56' LT
INLET, TY A TY 3 F&G
EOP 733.32
INV 730.54

106 STA 39+90.00, 56.33' LT
PRECAST CONC FLARED
END SECTION 15"
(W/TOWALL)
USFL 730.10

107 STA 39+90.00, 25.56' LT
INLET, TY A TY 3V F&G
EOP 733.44
INV 730.25

108 STA 39+90.00, 25.56' RT
INLET, TY A
TY 3V F&G
EOP 733.44
INV 730.50

109 STA 42+50.18, 25.56' LT
INLET, TY A TY 3 F&G
EOP 733.35
INV 729.45

110 STA 42+82.46, 21.48' LT
MH TA 4' DIA T1F CL
TOP 733.30
INV 729.05 (E,S)
INV 727.87 (N)

111 STA 42+82.46, 25.56' RT
INLET TY A TY 3V F&G
EOP 733.22
INV 730.00

X1 STA 38+59.10, 58.46' RT
MH TA 4 DIA T8G
TOP 728.60
INV 724.60



MODEL 07.DGN
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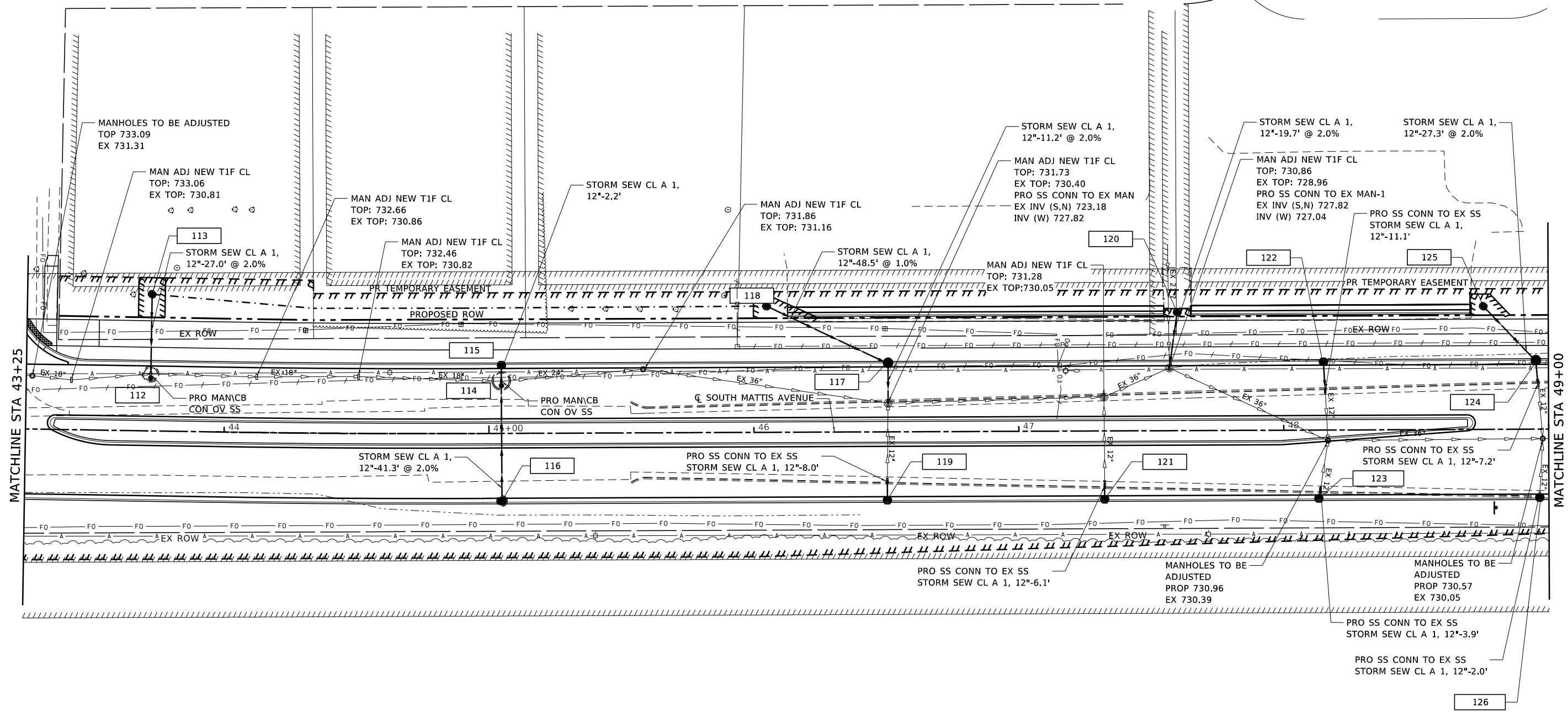
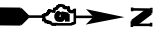
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

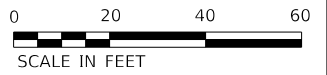
SOUTH MATTIS AVENUE
DRAINAGE PLAN

SCALE: 1"=20' SHEET 7 OF 10 SHEETS STA 37+25.00 TO STA 43+25.00

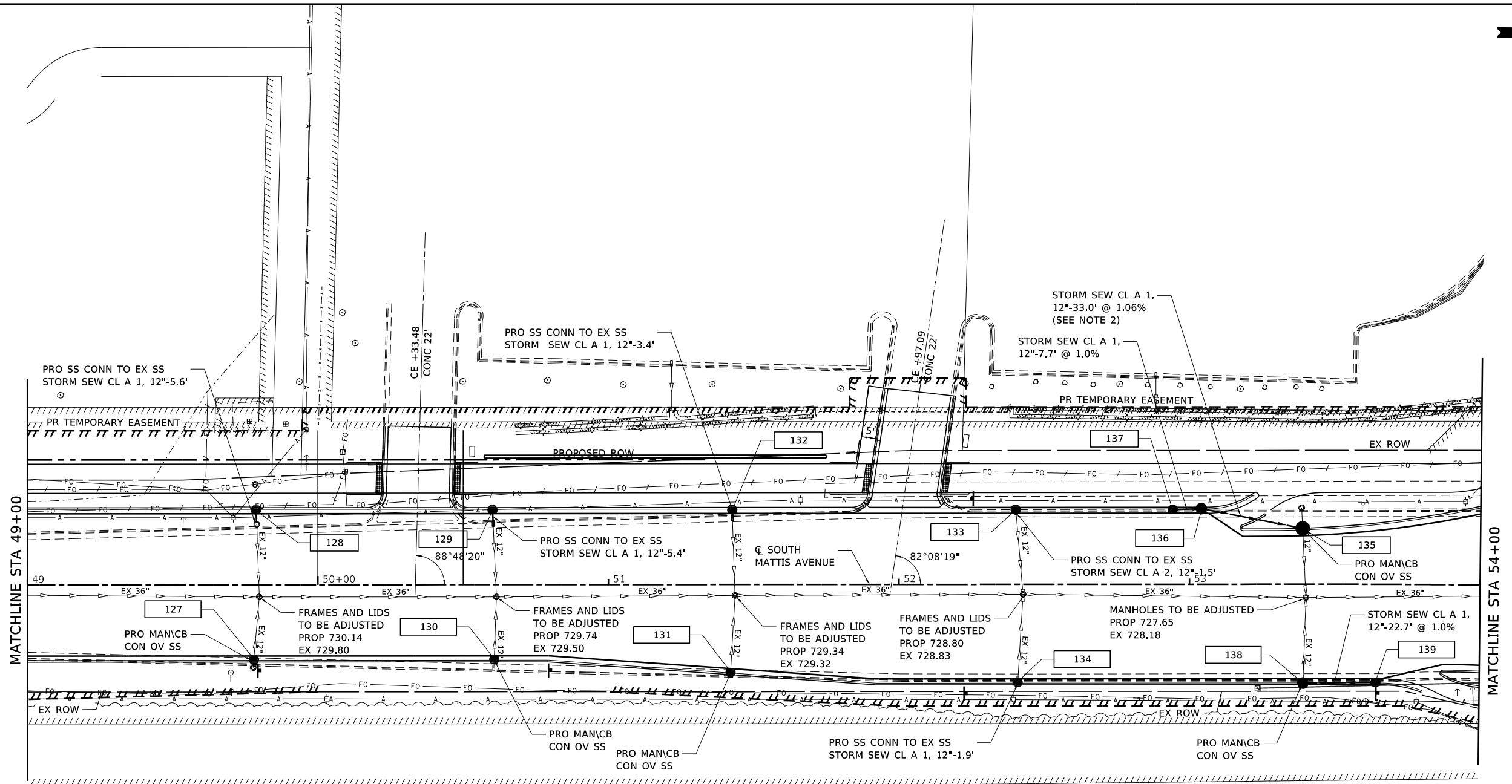
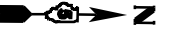
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7159	19-000314-00-PV	CHAMPAIGN	197	70
CONTRACT NO. 91642				
ILLINOIS FED. AID PROJECT				



112	STA 43+72.00, 21.00' LT MH TA 4 DIA T1F CL TOP 732.87 INV 728.80 (W) EX INV 727.44	114	STA 45+04.68, 19.65' LT MH TA 5 DIA T1F CL TOP 732.24 INV 728.46 (W) INV 727.78 (E) EX INV 726.88	117	STA 46+50.73, 26.06' LT INLETS TY B TY 3V F&G EOP 731.38 INV 728.05 (E,SW)	120	STA 47+59.94, 44.62' LT INLET TY A TY 8 GT TOP 730.85 INV 728.25	123	STA 48+13.16, 25.56' RT INLETS TY A TY 3V F&G EOP 730.57 INV 726.08	126	STA 48+96.52, 25.56' RT INLETS TY A TY 3V F&G EOP 730.15 INV 724.90
113	STA 43+72.00, 51.58' LT INLET TY A TY 8 GT TOP 731.00 INV 729.00	115	STA 45+05.00, 25.56' LT INLET TY A TY 3V F&G EOP 732.11 INV 729.33	118	STA 46+04.97, 47.64' LT INLET TY A TY 8 GT TOP 731.00 INV 728.54	121	STA 47+32.30, 25.56' RT INLETS TY A TY 3V F&G EOP 730.97 INV 724.15	124	STA 48+95.26, 26.06' LT INLETS TY B TY 3V F&G EOP 730.16 INV 725.70 (E) INV 726.95 (SW)		
		116	STA 45+05.00, 25.56' RT INLETS TY A TY 3V F&G EOP 732.11 INV 728.71	119	STA 46+50.00, 25.56' RT INLETS TY A TY 3V F&G EOP 731.38 INV 725.48	122	STA 48+15.07, 25.56' LT INLETS TY A TY 3V F&G EOP 730.56 INV 726.21	125	STA 48+75.49, 46.50' LT INLET TY A TY 8 GT TOP 730.25 INV 727.50		



MODEL: 08 CON
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127 STA 49+77.93, 25.56' RT
INLETS TY A TY 3V F&G
EOP 729.74
INV 725.10

130 STA 50+60.69, 25.56' RT
INLETS TY A TY 3V F&G
EOP 729.33
INV 725.50

133 STA 52+40.16, 25.56' LT
INLETS TY A TY 3V F&G
EOP 728.40
INV 724.71

136 STA 53+04.03, 25.56' LT
INLETS TY B TY 3 F&G
EOP 727.78
INV 724.95

139 STA 53+64.07, 33.56' RT
INLETS TY A TY 3 F&G
EOP 726.68
INV 724.35

128 STA 49+78.69, 25.56' LT
INLETS TY A TY 3V F&G
EOP 729.74
INV 726.00

131 STA 51+41.99, 30.01' RT
INLETS TY A TY 3V F&G
EOP 728.83
INV 725.46

134 STA 52+40.80, 33.55' RT
INLETS TY A TY 3V F&G
EOP 728.24
INV 724.66

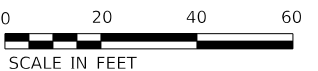
137 STA 52+94.24, 26.06' LT
INLETS TY A TY 3 F&G
EOP 727.92
INV 725.03

129 STA 50+60.10, 25.56' LT
INLETS TY A TY 3V F&G
EOP 729.33
INV 726.45

132 STA 51+42.61, 25.56' LT
INLETS TY A TY 3V F&G
EOP 728.92
INV 725.00

135 STA 53+38.94, 19.25' LT
MH TA 4 DIA TY 3V F&G
EOP 727.46
INV 724.60

138 STA 53+39.00, 34.06' RT
INLETS TY B TY 3V F&G
EOP 727.11
INV 723.76 (W)
INV 724.12 (N)



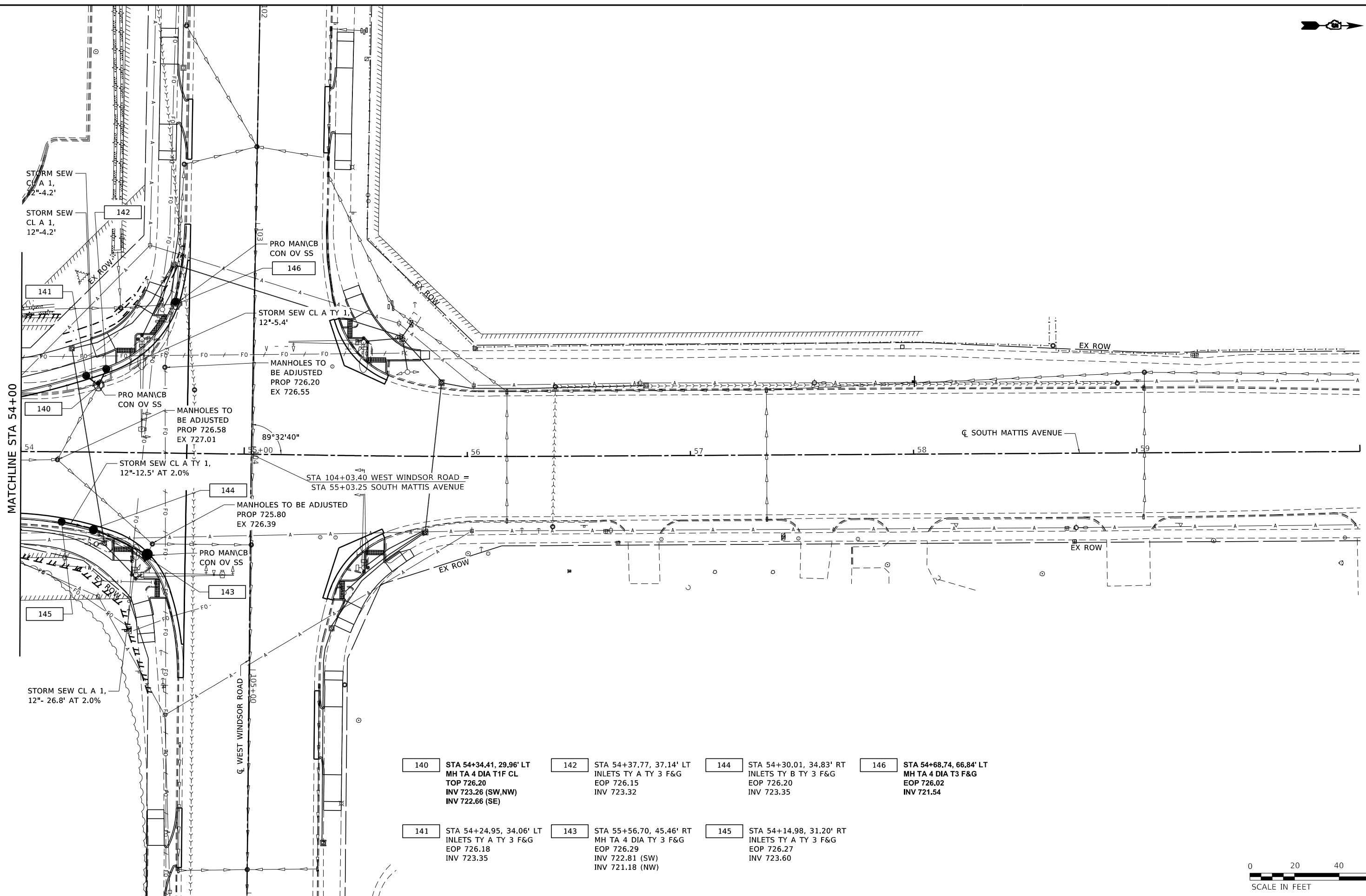
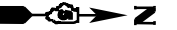
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PLOT DATE = 10/1/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SOUTH MATTIS AVENUE
DRAINAGE PLAN

SCALE: 1"=20' SHEET 9 OF 10 SHEETS STA 49+00.00 TO STA 54+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7159	19-000314-00-PV	CHAMPAIGN	197	72
CONTRACT NO. 91642				
ILLINOIS FED. AID PROJECT				



140	STA 54+34.41, 29.96' LT MH TA 4 DIA T1F CL TOP 726.20 INV 723.26 (SW,NW) INV 722.66 (SE)	142	STA 54+37.77, 37.14' LT INLETS TY A TY 3 F&G EOP 726.15 INV 723.32	144	STA 54+30.01, 34.83' RT INLETS TY B TY 3 F&G EOP 726.20 INV 723.35	146	STA 54+68.74, 66.84' LT MH TA 4 DIA T3 F&G EOP 726.02 INV 721.54
141	STA 54+24.95, 34.06' LT INLETS TY A TY 3 F&G EOP 726.18 INV 723.35	143	STA 55+56.70, 45.46' RT MH TA 4 DIA TY 3 F&G EOP 726.29 INV 722.81 (SW) INV 721.18 (NW)	145	STA 54+14.98, 31.20' RT INLETS TY A TY 3 F&G EOP 726.27 INV 723.60		



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PLOT DATE = 10/1/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SOUTH MATTIS AVENUE
DRAINAGE PLAN

SCALE: 1"=20' SHEET 10 OF 10 SHEETS STA 54+00.00 TO STA 60+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7159	19-000314-00-PV	CHAMPAIGN	197	73
CONTRACT NO. 91642				
ILLINOIS FED. AID PROJECT				

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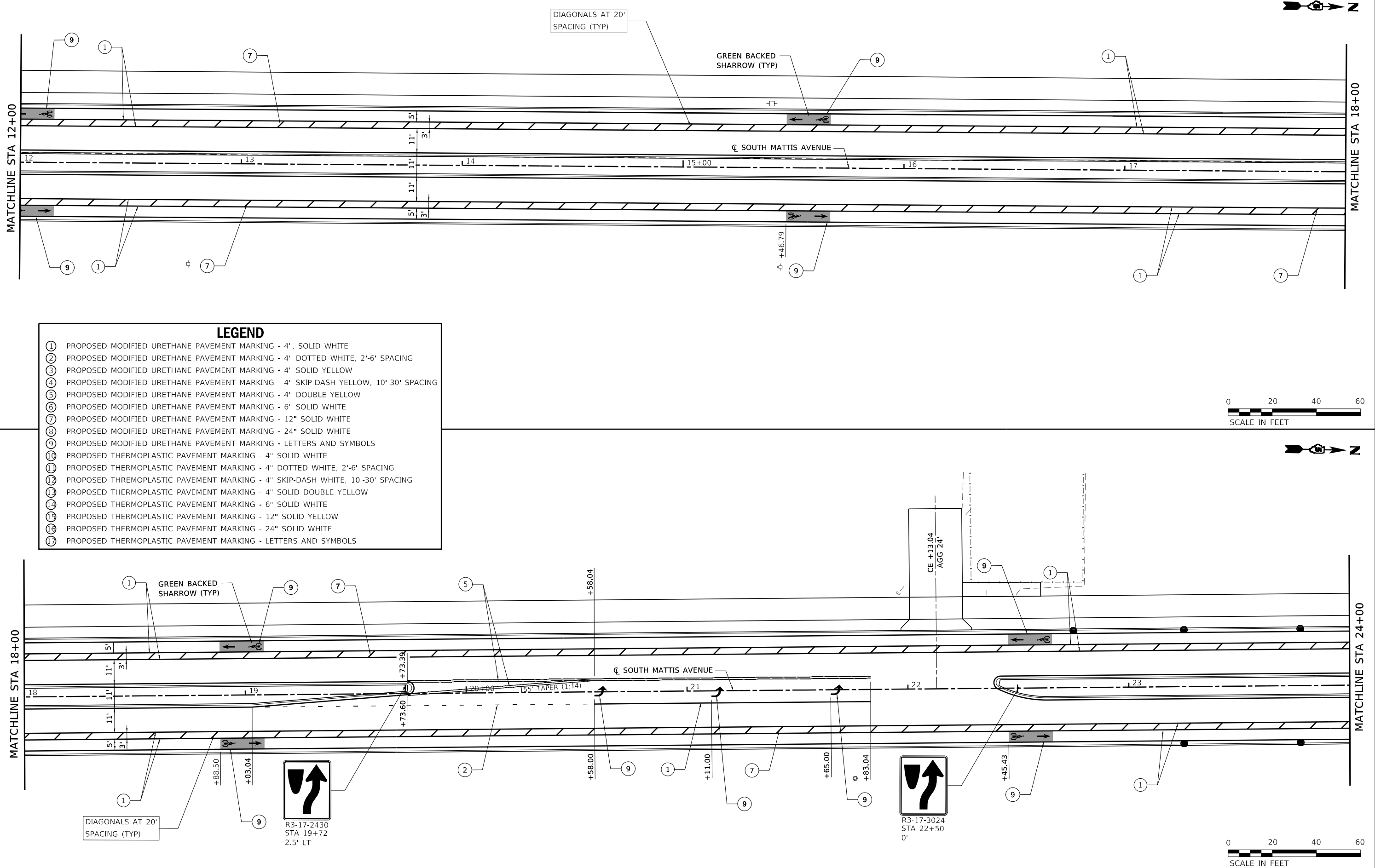
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SOUTH MATTIS AVENUE
PAVEMENT MARKING AND SIGNING PLAN

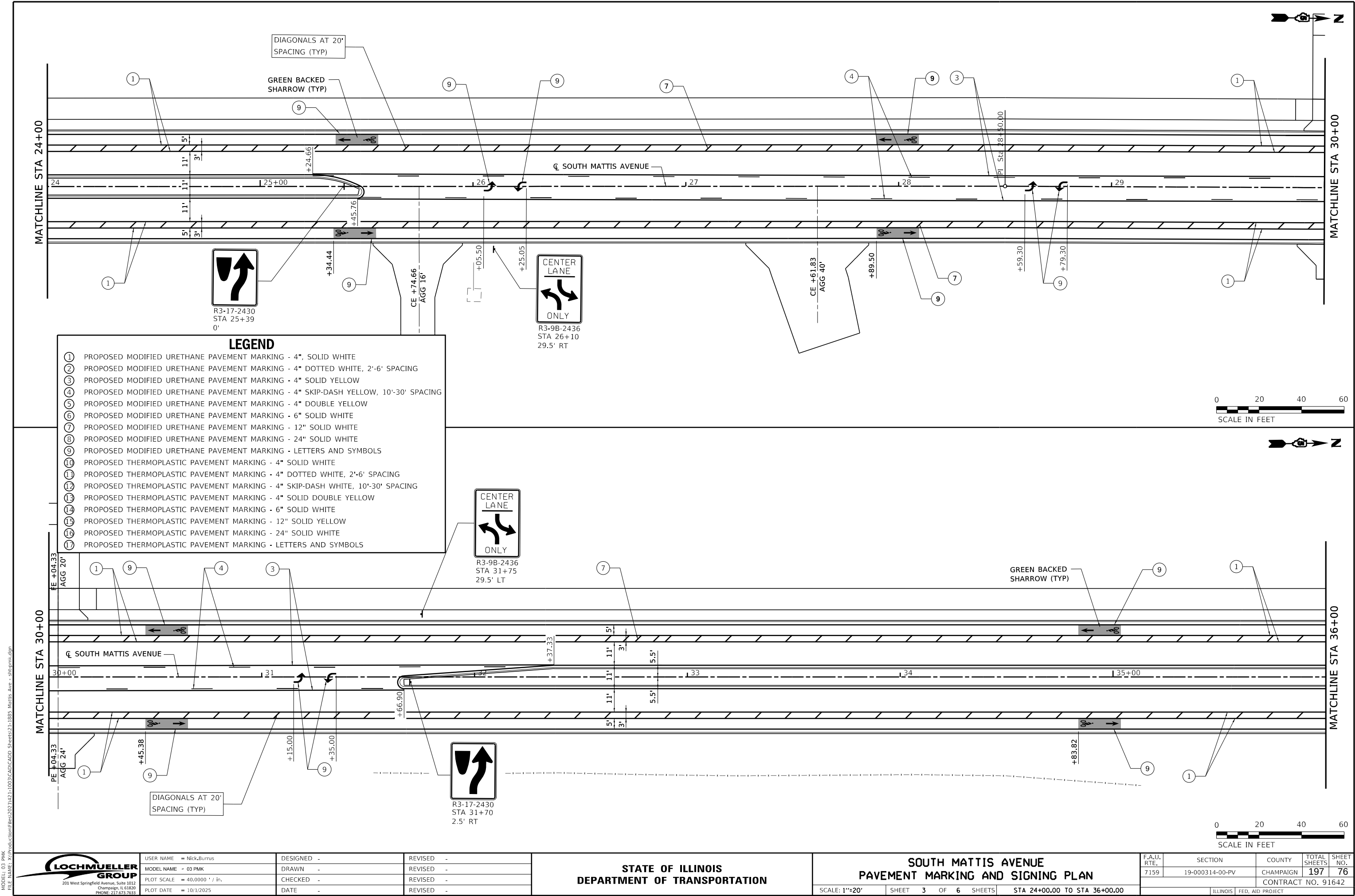
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CONTRACT NO. 91642				
ILLINOIS FED. AID PROJECT				

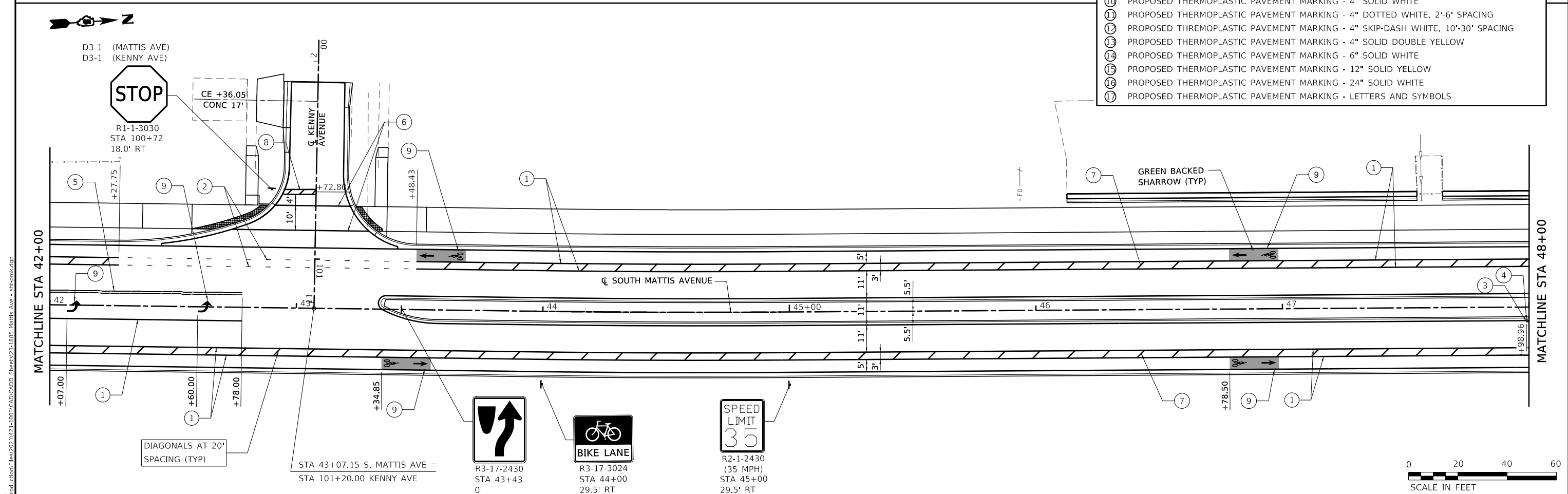
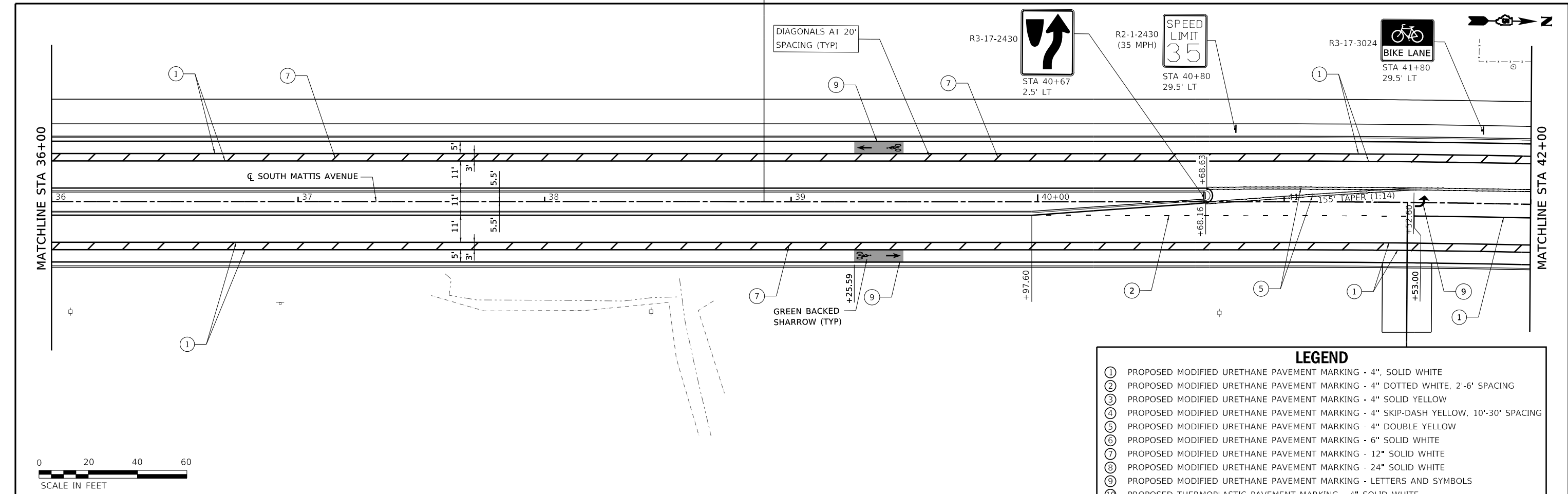


LEGEND

- 1 PROPOSED MODIFIED URETHANE PAVEMENT MARKING - 4", SOLID WHITE
- 2 PROPOSED MODIFIED URETHANE PAVEMENT MARKING - 4" DOTTED WHITE, 2'-6" SPACING
- 3 PROPOSED MODIFIED URETHANE PAVEMENT MARKING - 4" SOLID YELLOW
- 4 PROPOSED MODIFIED URETHANE PAVEMENT MARKING - 4" SKIP-DASH YELLOW, 10'-30' SPACING
- 5 PROPOSED MODIFIED URETHANE PAVEMENT MARKING - 4" DOUBLE YELLOW
- 6 PROPOSED MODIFIED URETHANE PAVEMENT MARKING - 6" SOLID WHITE
- 7 PROPOSED MODIFIED URETHANE PAVEMENT MARKING - 12" SOLID WHITE
- 8 PROPOSED MODIFIED URETHANE PAVEMENT MARKING - 24" SOLID WHITE
- 9 PROPOSED MODIFIED URETHANE PAVEMENT MARKING - LETTERS AND SYMBOLS
- 10 PROPOSED THERMOPLASTIC PAVEMENT MARKING - 4" SOLID WHITE
- 11 PROPOSED THERMOPLASTIC PAVEMENT MARKING - 4" DOTTED WHITE, 2'-6" SPACING
- 12 PROPOSED THERMOPLASTIC PAVEMENT MARKING - 4" SKIP-DASH WHITE, 10'-30' SPACING
- 13 PROPOSED THERMOPLASTIC PAVEMENT MARKING - 4" SOLID DOUBLE YELLOW
- 14 PROPOSED THERMOPLASTIC PAVEMENT MARKING - 6" SOLID WHITE
- 15 PROPOSED THERMOPLASTIC PAVEMENT MARKING - 12" SOLID YELLOW
- 16 PROPOSED THERMOPLASTIC PAVEMENT MARKING - 24" SOLID WHITE
- 17 PROPOSED THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS



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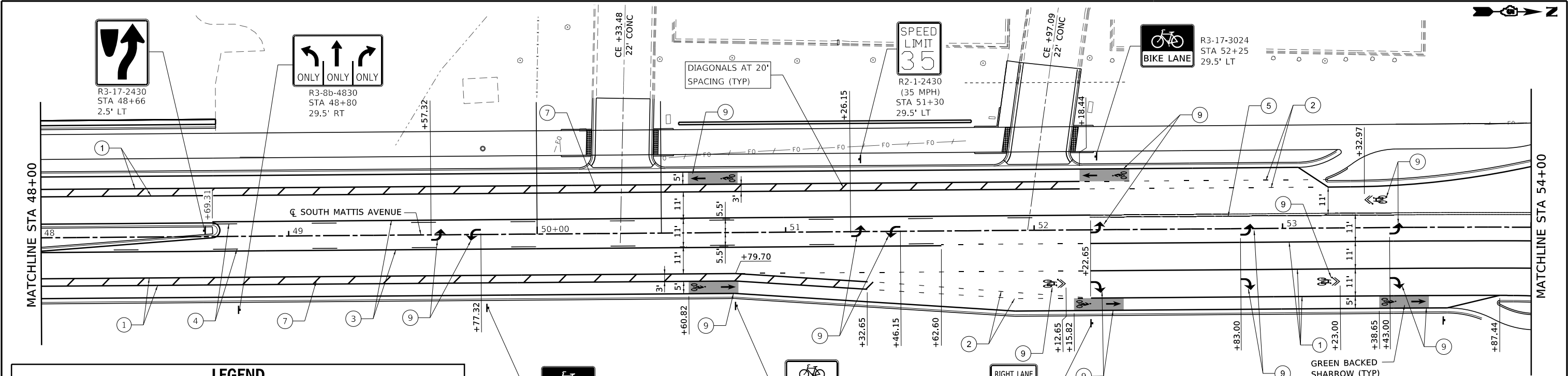


 201 West Springfield Avenue, Suite 1012 Champaign, IL 61820 PHONE: 217.612.7633	USER NAME = Nick.Burris	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SOUTH MATTIS AVENUE PAVEMENT MARKING AND SIGNING PLAN		F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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	PLOT DATE = 10/1/2025	DATE -	REVISED -				ILLINOIS FED. AID PROJECT				

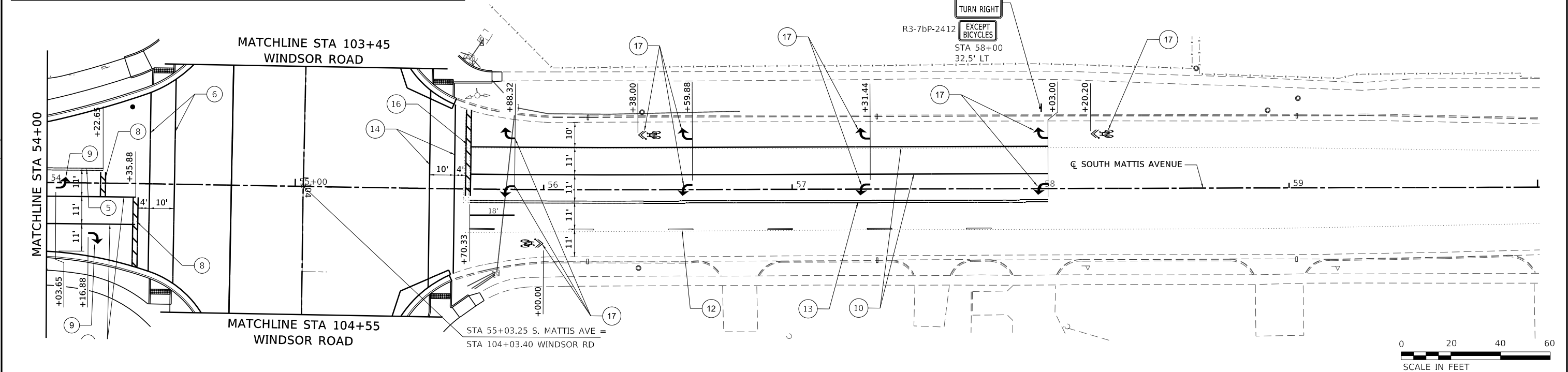
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SHEET 4 OF 6 SHEETS

STA 36+00.00 TO STA 48+00.00



- LEGEND**
- ① PROPOSED MODIFIED URETHANE PAVEMENT MARKING - 4", SOLID WHITE
 - ② PROPOSED MODIFIED URETHANE PAVEMENT MARKING - 4" DOTTED WHITE, 2'-6" SPACING
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 - ⑧ PROPOSED MODIFIED URETHANE PAVEMENT MARKING - 24" SOLID WHITE
 - ⑨ PROPOSED MODIFIED URETHANE PAVEMENT MARKING - LETTERS AND SYMBOLS
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 - ⑫ PROPOSED THERMOPLASTIC PAVEMENT MARKING - 4" SKIP-DASH WHITE, 10'-30" SPACING
 - ⑬ PROPOSED THERMOPLASTIC PAVEMENT MARKING - 4" SOLID DOUBLE YELLOW
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 - ⑯ PROPOSED THERMOPLASTIC PAVEMENT MARKING - 24" SOLID WHITE
 - ⑰ PROPOSED THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS



MODEL: 06 PMK
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USER NAME = Nick.Burris
MODEL NAME = 06 PMK
PLOT SCALE = 40.0000 ' / in.
PLOT DATE = 10/1/2025

DESIGNED -
DRAWN -
CHECKED -
DATE -

REVISED -
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

WINDSOR ROAD
PAVEMENT MARKING AND SIGNING PLAN

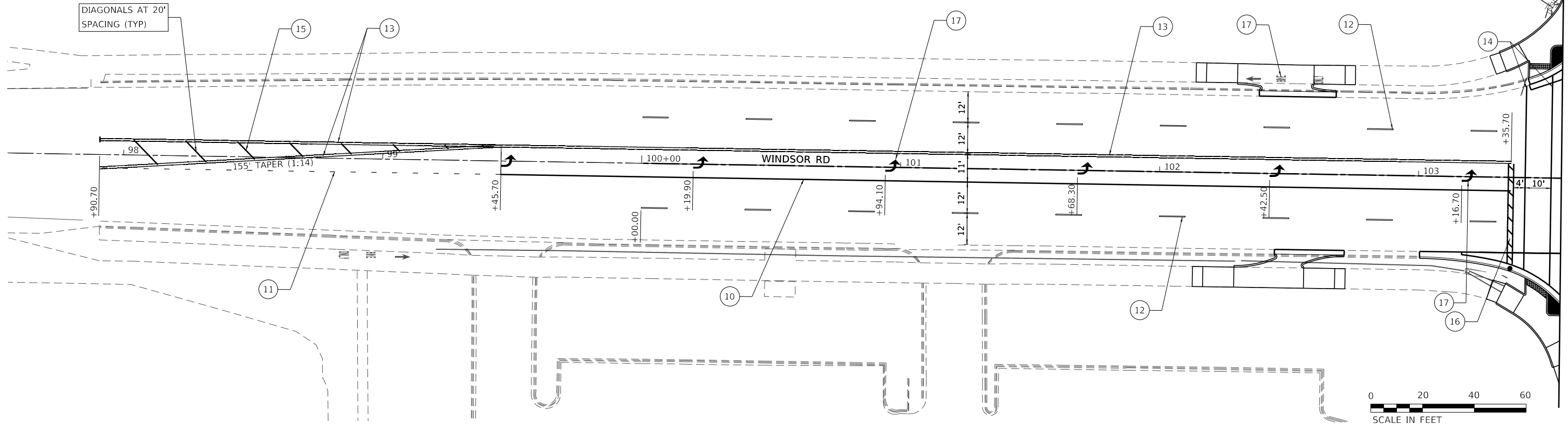
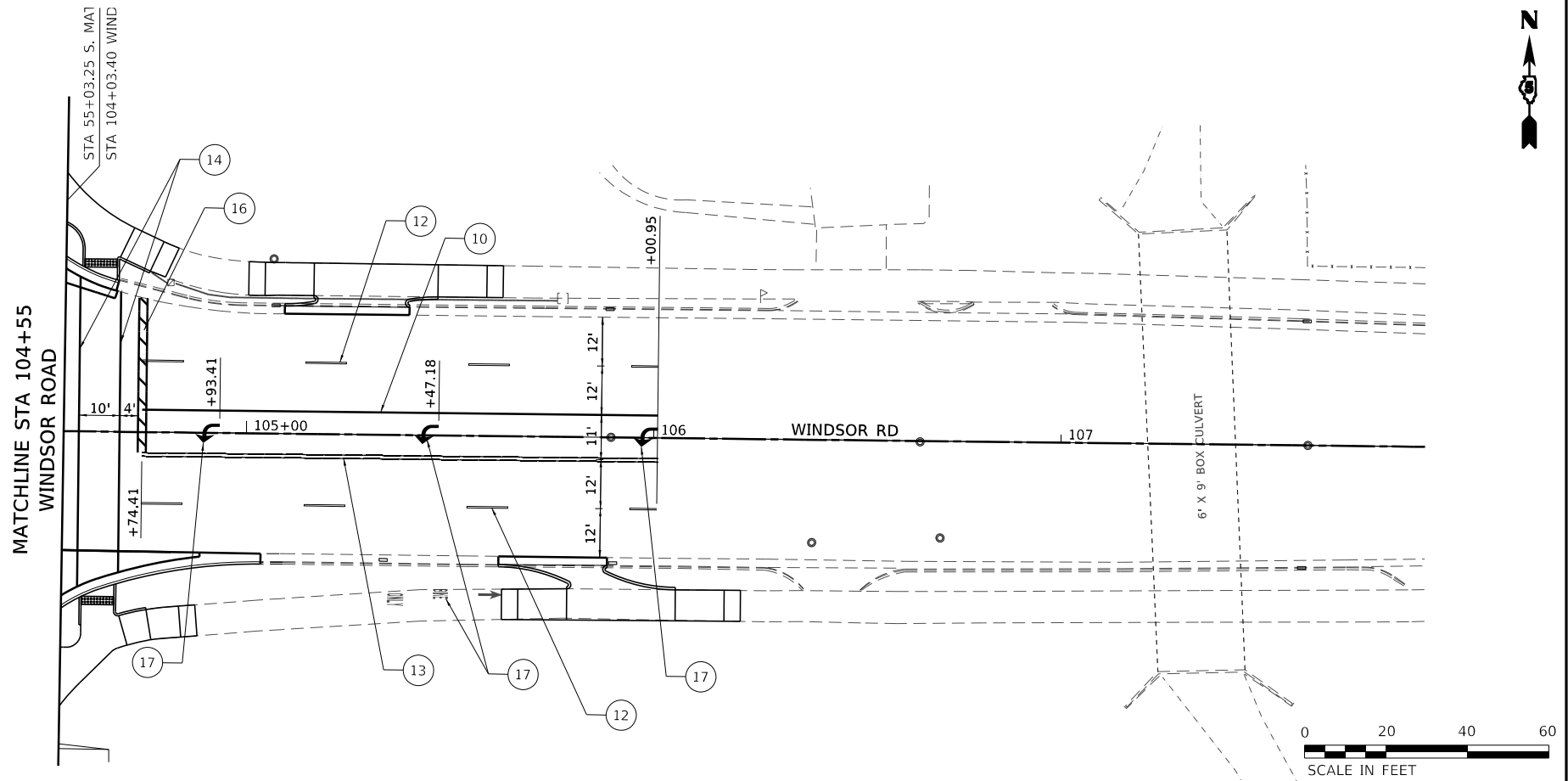
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SHEET 6 OF 6 SHEETS

STA. WINDSOR RDA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7159	19-000314-00-PV	CHAMPAIGN	197	79
CONTRACT NO. 91642				
ILLINOIS FED. AID PROJECT				

- LEGEND**
- ① PROPOSED MODIFIED URETHANE PAVEMENT MARKING - 4", SOLID WHITE
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 - ⑯ PROPOSED THERMOPLASTIC PAVEMENT MARKING - 24" SOLID WHITE
 - ⑰ PROPOSED THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS



MATCHLINE STA 103+55
WINDSOR ROAD

GENERAL NOTES

1.

ALL ELECTRICAL WORK SHALL CONFORM TO THE REQUIREMENTS OF THE 2023 NATIONAL ELECTRICAL CODE (NEC), THE IDOT "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION", CITY OF CHAMPAIGN DESIGN STANDARDS, AND ALL APPLICABLE LOCAL ORDINANCES.
2.

TRAFFIC CONTROL SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR AND SHALL CONFORM TO THE ILLINOIS MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (ILMUTCD), HIGHWAY STANDARDS AND STANDARD SPECIFICATIONS.
3.

THE LOCATION OF EXISTING UTILITIES AS SHOWN ON THE PLANS HAVE BEEN LOCATED AT THE TIME OF THE SURVEY, OR BASED ON AVAILABLE EXISTING INFORMATION. NO GUARANTEE IS IMPLIED THAT ALL UTILITIES HAVE BEEN LOCATED OR DEPICTED ON THE PLANS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THE EXACT LOCATION OF ALL UNDERGROUND UTILITIES, SHOWN OR NOT SHOWN, AND SHALL LOCATE THE UTILITIES IN THE FIELD PRIOR TO ANY GRADING, EXCAVATION OR CONSTRUCTION RELATED IMPROVEMENTS.
4.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING UTILITY PROPERTY FROM CONSTRUCTION OPERATIONS AS OUTLINED IN ARTICLE 107.30 OF THE "STANDARD SPECIFICATIONS". CALL J.U.L.I.E. AT 1-800-892-0123, AS WELL AS ANY OTHER KNOWN UTILITY COMPANIES NOT SERVED BY J.U.L.I.E., A MINIMUM OF 48 HOURS IN ADVANCE OF DIGGING OPERATIONS. THE CONTRACTOR SHALL COORDINATE ANY REQUIRED UTILITY ADJUSTMENTS WITH THE APPROPRIATE UTILITY COMPANY. AGENCIES KNOWN TO HAVE FACILITIES WITHIN THE PROJECT AREA AS FOLLOWS:

- AMEREN ILLINOIS

- AT&T CORP.

- CAMPUS COMMUNICATIONS GROUP

- CITY OF CHAMPAIGN

- COMCAST CORP.

- IL CONSOLIDATED TELEPHONE

- ILLINOIS AMERICAN WATER

- U-C 2B/ITV-3 BROADBAND

- U-C SANITARY DISTRICT

- WINDSTREAM KDL/MCLEOD USA
5.

PRIOR TO CONSTRUCTION ACTIVITIES TAKING PLACE, THE CONTRACTOR SHALL COORDINATE WITH LOCAL POWER COMPANIES TO VERIFY THAT NO MODIFICATIONS TO THE EXISTING POWER SOURCE LOCATION WILL BE REQUIRED TO ACCOMMODATE THE PROPOSED TRAFFIC SIGNAL IMPROVEMENTS.
6.

ALL SURPLUS MATERIALS SHALL BE DISPOSED OF IN ACCORDANCE WITH ARTICLE 202.03 OF THE STANDARD SPECIFICATIONS.
7.

IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO REPAIR ANY FACILITIES DAMAGED DURING CONSTRUCTION. ALL EXISTING FACILITIES NOT EXPLICITLY IDENTIFIED AS BEING REMOVED OR RELOCATED IN THE PLANS THAT ARE DISTURBED OR OTHERWISE DAMAGED BY THE CONTRACTOR SHALL BE REPLACED IN KIND BY THE CONTRACTOR WITH NO ADDITIONAL COMPENSATION.
8.

ALL UNUSED AND/OR UNNECESSARY TRAFFIC SIGNAL CABLES SHALL BE COMPLETELY REMOVED FROM THE EXISTING CONDUIT SYSTEM, IF POSSIBLE, TO ENSURE ADEQUATE CONDUIT CAPACITY. ALL UNUSED CONDUITS SHALL BE REMOVED OR ABANDONED.
9.

PRIOR TO INSTALLING NEW TRAFFIC SIGNAL CABLES, THE CONTRACTOR SHALL BE RESPONSIBLE FOR DETERMINING IF NEW TRAFFIC SIGNAL CABLES CAN BE PULLED THROUGHOUT EXISTING CONDUIT SEGMENTS WITHOUT AFFECTING THE OPERATION OF THE TRAFFIC SIGNAL. IF EXISTING CONDUIT CAPACITIES WILL PREVENT THE INSTALLATION OF THE NEW TRAFFIC SIGNAL CABLES WITHOUT AFFECTING THE OPERATION OF THE TRAFFIC SIGNAL, THE TRAFFIC SIGNAL WILL HAVE TO BE TEMPORARILY SHUT DOWN WHILE UNNECESSARY EXISTING SIGNAL CABLES ARE REMOVED AND NEW SIGNAL CABLES ARE INSTALLED. IT IS LIKELY THAT THE CITY OF CHAMPAIGN WILL REQUIRE THAT ALL WORK CAUSING A TEMPORARY SHUT DOWN OF THE TRAFFIC SIGNAL BE COMPLETED DURING EVENING HOURS (7 P.M. TO 5 A.M.).
10.

DIRECTIONAL BORING OR PUSHING OF CONDUIT MAY BE USED INSTEAD OF TRENCHING CONDUIT; HOWEVER, NO ADDITIONAL PAYMENT WILL BE MADE.
11.

CONDUIT SPLICES WILL NOT BE PAID FOR SEPARATELY, AND SHALL BE INCLUDED AS PART OF THE ASSOCIATED WITH INSTALLING RESPECTIVE CONDUIT PAY ITEMS.
12.

ALL NEW TRAFFIC SIGNAL MAST ARMS, POLES, POSTS, APS UNIT EXTENSION BRACKETS, AND LUMINAIRE BRACKET ARMS SHALL BE POWDER COATED BLACK. THE CONTRACTOR SHALL PROVIDE PAINT SPECIFICATIONS AND SAMPLES FOR APPROVAL TO THE CITY OF CHAMPAIGN PRIOR TO ORDERING EQUIPMENT. REFER TO SPECIAL PROVISIONS FOR ADDITIONAL INFORMATION.
13.

THE CONTRACTOR SHALL VERIFY ALL NEW SIGNAL HEAD LOCATIONS PRIOR TO INSTALLATION. A MINIMUM LATERAL SPACING OF 8 FT. SHALL BE MAINTAINED BETWEEN ALL EXISTING AND PROPOSED MAST ARM MOUNTED SIGNAL HEADS. MINIMUM VERTICAL DISTANCES BETWEEN THE BOTTOM OF PROPOSED SIGNAL HEADS AND THE ADJACENT SIDEWALK AND/OR PAVEMENT GRADE SHALL BE IN ACCORDANCE WITH THE ILMUTCD AND APPLICABLE HIGHWAY STANDARDS. ANY UNUSED OPENINGS REMAINING IN THE SIGNAL MAST ARMS OR POLES SHALL BE FILLED OR COVERED, TO THE SATISFACTION OF THE ENGINEER.
14.

ALL IMPROVED PEDESTRIAN RELATED FACILITIES MUST COMPLY WITH CURRENT PUBLIC RIGHTS-OF-WAY ACCESSIBILITY GUIDELINES (PROWAG). REFER TO CURB RAMP DETAIL SHEETS AND IDOT STANDARDS FOR INFORMATION PERTAINING TO THE CONSTRUCTION OF THE PROPOSED CURB RAMPS. THE CONTRACTOR SHALL COORDINATE CONSTRUCTION OF PEDESTRIAN SIGNAL EQUIPMENT WITH THE SIDEWALK AND CURB RAMP CONSTRUCTION TO ENSURE FINAL LOCATIONS ARE COMPLIANT WITH ADA/PROWAG STANDARDS.
15.

ALL TRAFFIC SIGNAL EQUIPMENT SHALL BE GROUNDED IN ACCORDANCE WITH NATIONAL ELECTRIC CODE (NEC) REQUIREMENTS.
16.

ANY EQUIPMENT REMOVED FROM THE PROJECT LOCATIONS AND NOT UTILIZED IN THE FINAL INSTALLATION SHALL REMAIN THE PROPERTY OF THE CITY OF CHAMPAIGN. THE CONTRACTOR SHALL CONTACT THE CITY'S REPRESENTATIVE (MR. JOHN ROSE - 217.403.4700) TO DETERMINE WHERE SAID SALVAGED EQUIPMENT IS TO BE TRANSPORTED TO.
17.

ALL FIBER OPTIC SPLICES AND TERMINATIONS SHALL OCCUR WITHIN NEW OR EXISTING TRAFFIC SIGNAL CABINETS. NO UNDERGROUND SPlice ENCLOSURES ARE ALLOWED UNLESS APPROVED BY THE ENGINEER.
18.

THE CONTRACTOR SHALL COORDINATE WITH THE ENGINEER FOR PROGRAMMING AND IMPLEMENTATION OF NEW SIGNAL CONTROLLER WITH UPDATED TIMING PLANS. THE CONTRACTOR SHALL NOTIFY THE CITY'S REPRESENTATIVE (MR. JOHN ROSE - 217.403.4700) AND ENGINEER AT LEAST ONE (1) WEEK PRIOR TO THE DESIRED DATE OF CONTROLLER TURN-ON ACTIVITIES TAKING PLACE.

TRAFFIC SIGNAL LEGEND

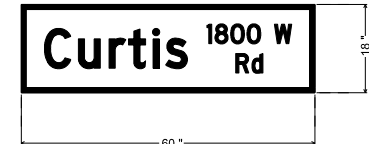
	EX SIGNAL CONTROLLER CABINET		PR SIGNAL CONTROLLER CABINET
	EX TRAFFIC SIGNAL POST		PR TRAFFIC SIGNAL POST
	EX COMBINATION MAST ARM ASSEMBLY		PR COMBINATION MAST ARM ASSEMBLY
	EX STEEL MAST ARM ASSEMBLY		PR STEEL MAST ARM ASSEMBLY
	EX HANDHOLE		PR HANDHOLE (SIGNAL OR INTERCONNECT)
	EX DOUBLE HANDHOLE		PR DOUBLE HANDHOLE
	EX SIGNAL HEAD (NO BACKPLATE)		PR SIGNAL HEAD (NO BACKPLATE)
	EX SIGNAL HEAD (WITH BACKPLATE)		PR SIGNAL HEAD (WITH BACKPLATE)
	EX PEDESTRIAN SIGNAL HEAD		PR PEDESTRIAN SIGNAL HEAD
	EX PUSH BUTTON (NON-APS)		PR ACCESSIBLE PEDESTRIAN (APS) UNIT
	EX ELECTRICAL SERVICE		PR ELECTRICAL SERVICE
	EX VIDEO DETECTION CAMERA		PR VIDEO DETECTION CAMERA
	EX EMERGENCY VEHICLE PRIORITY (EVP) CONFIRMATION BEACON		PR EMERGENCY VEHICLE PRIORITY (EVP) CONFIRMATION BEACON
	EX LUMINAIRE BRACKET ARM		PR LUMINAIRE BRACKET ARM

INDEX OF SHEETS

80	GENERAL NOTES, EQUIPMENT LEGEND, INDEX OF SHEETS, HIGHWAY STANDARDS, SIGN LEGEND, & EQUIPMENT SCHEDULE SUMMARY OF QUANTITIES
81	MATTIS AVE. & CURTIS RD. TRAFFIC SIGNAL MODIFICATION AND INTERCONNECT PLAN
82	MATTIS AVE. & CURTIS RD. CABLE DIAGRAM
83	MATTIS AVE. CORRIDOR INTERCONNECT PLANS
84-87	MATTIS AVE. & WINDSOR RD. TRAFFIC SIGNAL MODIFICATION AND INTERCONNECT PLAN
88	MATTIS AVE. & WINDSOR RD. CABLE DIAGRAM
89	MISCELLANEOUS DETAILS
90	COMMUNICATION DIAGRAMS
91-92	

HIGHWAY STANDARDS

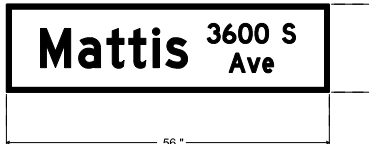
000001-08	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
701602-10	URBAN LANE CLOSURE MULTILANE, 2W WITH BIDIRECTIONAL LEFT TURN LANE
701701-10	URBAN LANE CLOSURE MULTILANE INTERSECTION
701801-06	SIDEWALK, CORNER OR CROSSWALK CLOSURE
701901-09	TRAFFIC CONTROL DEVICES
838001-01	BREAKAWAY DEVICES
814001-03	HANDHOLES
857001-01	STANDARD PHASE DESIGNATION DIAGRAMS AND PHASE SEQUENCES
862001-01	UNINTERRUPTABLE POWER SUPPLY
873001-02	TRAFFIC SIGNAL GROUNDING AND BONDING
876001-04	PEDESTRIAN PUSH BUTTON POST
877012-07	STEEL COMB. MAST ARM ASSEMBLY AND POLE, 56' THROUGH 75'
878001-11	CONCRETE FOUNDATION DETAILS
880006-01	TRAFFIC SIGNAL MOUNTING DETAILS



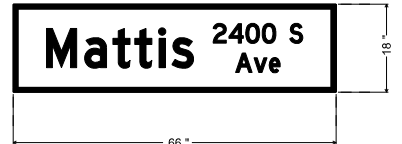
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"Rd", D 70% spacing;



D1-1/CONVENTIONAL/1 LINE:
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"Windsor", D 70% spacing; "1800 W", D 70% spacing;
"Rd", D 70% spacing;



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"Ave", D 70% spacing;



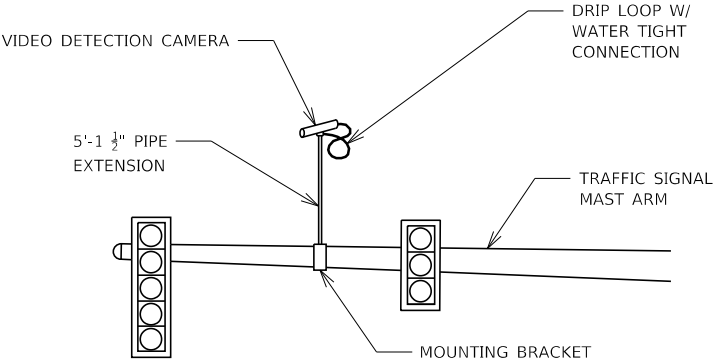
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LED INTERNALLY ILLUMINATED
STREET NAME SIGNS
MATTIS AVE. & CURTIS RD.

SCALE: N.T.S.

LED INTERNALLY ILLUMINATED
STREET NAME SIGNS
MATTIS AVE. & WINDSOR RD.

SCALE: N.T.S.



VIDEO DETECTION CAMERA DETAIL

SCALE: N.T.S.

SCHEDULE OF PROPOSED SIGNAL POSTS & FOUNDATIONS
MATTIS AVE. & WINDSOR RD.*

*NO PROPOSED SIGNAL POSTS OR FOUNDATIONS AT MATTIS AVE. & CURTIS RD.

REF.	LOCATION	TYPE	FOUNDATION TYPE	FOUNDATION DEPTH	STATION	OFFSET
TSP-1	NW QUAD	TS POST A 15	CONC FDN TY A	3.0 FT.	55+77.00	36.6' LT
TSP-2	NW QUAD	PED PUSH-BUT POST TY1	SPECIAL 12 IN. DIA.	2.5 FT.	55+64.59	41.6' LT
TSP-3	NE QUAD	TS POST A 15	CONC FDN TY A	3.0 FT.	55+50.02	54.5' RT
TSP-4	SE QUAD	PED PUSH-BUT POST TY1	SPECIAL 12 IN. DIA.	2.5 FT.	54+54.45	55.7' RT
TSP-5	SE QUAD	PED PUSH-BUT POST TY1	SPECIAL 12 IN. DIA.	2.5 FT.	54+51.38	49.9' RT
TSP-6	SE QUAD	TS POST A 15	CONC FDN TY A	3.0 FT.	54+31.88	40.1' RT
TSP-7	SW QUAD	TS POST A 8	CONC FDN TY A	3.0 FT.	54+40.87	44.3' LT
TSP-8	SW QUAD	TS POST A 15	CONC FDN TY A	3.0 FT.	54+60.44	62.9' LT
MA-4	SW QUAD	STL COMB MAA&P 58	CONC FDN TY E 42D	21.0 FT.	54+43.10	59.8' LT

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 201 West Springfield Avenue, Suite 1012 Champaign, IL 61820 PHONE: 217.673.7633	USER NAME = Nick.Burrus	DESIGNED - NMN	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	MATTIS AVE. TRAFFIC SIGNAL & INTERCONNECT IMPROVEMENTS GENERAL NOTES, STANDARDS, LEGEND, INDEX OF SHEETS	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	DRAWN - BAS	REVISIONS -	REVISED -			7159	19-000314-00-PV	CHAMPAIGN	197	80
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	PLOT DATE = 10/1/2025	DATE -	REVISED -			ILLINOIS FED. AID PROJECT				
SCALE:		SHEET 1 OF 1 SHEETS		STA. TO STA.						

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SPECIAL PROVISION	CODE NUMBER	ITEM	UNIT	TOTAL QUANTITY	MATTIS AVE. & CURTIS RD.	MATTIS AVE. & WINDSOR RD.	INTERCONNECT SYSTEM
*	81028350	UNDERGROUND CONDUIT, PVC, 2" DIA.	FOOT	5492	0	79	5413
*	81028370	UNDERGROUND CONDUIT, PVC, 3" DIA.	FOOT	113	0	113	0
	81400700	HANDHOLE, PORTLAND CEMENT CONCRETE	EACH	20	0	1	19
*	81702110	ELECTRIC CABLE IN CONDUIT, 800V (XLP-TYPE USE) 1/C NO. 10	FOOT	570	0	570	0
	87301225	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	2120	0	2120	0
	87301245	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	690	0	690	0
	87301255	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	2000	0	2000	0
*	87301900	ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	330	0	330	0
*	87502620	TRAFFIC SIGNAL POST, ALUMINUM 8 FT.	EACH	1	0	1	0
*	87502690	TRAFFIC SIGNAL POST, ALUMINUM 15 FT.	EACH	4	0	4	0
*	87600100	PEDESTRIAN PUSH-BUTTON POST, TYPE I	EACH	3	0	3	0
*	87703020	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 58 FT.	EACH	1	0	1	0
	87800100	CONCRETE FOUNDATION, TYPE A	FOOT	15	0	15	0
	87800420	CONCRETE FOUNDATION, TYPE E 42-INCH DIAMETER	FOOT	21	0	21	0
	87900200	DRILL EXISTING HANDHOLE	EACH	8	1	7	0
*	88040070	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED	EACH	4	0	4	0
*	88040090	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 3-SECTION, MAST ARM MOUNTED	EACH	4	0	4	0
*	88040150	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 5-SECTION, BRACKET MOUNTED	EACH	8	0	8	0
*	88040160	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 5-SECTION, MAST ARM MOUNTED	EACH	4	0	4	0
*	88102825	PEDESTRIAN SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, BRACKET MOUNTED WITH COUNT DOWN TIMER	EACH	8	0	8	0
	88200400	TRAFFIC SIGNAL BACKPLATE, FORMED PLASTIC	EACH	8	0	8	0
	89502300	REMOVE ELECTRIC CABLE FROM CONDUIT	FOOT	3610	0	3610	0
*	89502375	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	2	1	1	0
*	89502380	REMOVE EXISTING HANDHOLE	EACH	2	0	2	0
	89502385	REMOVE EXISTING CONCRETE FOUNDATION	EACH	5	0	5	0
*	X0327698	LED INTERNALLY ILLUMINATED STREET NAME SIGN	EACH	8	4	4	0
*	X1400217	TERMINATE FIBER IN CABINET	EACH	8	0	0	8
*	X1400238	LUMINAIRE, LED, SPECIAL	EACH	1	0	1	0
*	X8040102	ELECTRIC SERVICE INSTALLATION (SPECIAL)	EACH	2	1	1	0
*	X8500104	MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION (SPECIAL)	EACH	2	1	1	0
*	X8620200	UNINTERRUPTABLE POWER SUPPLY (SPECIAL)	EACH	2	1	1	0
*	X8710030	FIBER OPTIC CABLE 48 FIBERS, SINGLE MODE	FOOT	6330	0	0	6330
*	X8710071	FIBER OPTIC FUSION SPLICE	EACH	8	0	0	8
*	X8710072	FIBER OPTIC SPLICE ENCLOSURE	EACH	2	0	0	2
*	X8760200	ACCESSIBLE PEDESTRIAN SIGNALS	EACH	8	0	8	0
*	X8570226	FULL-ACTUATED CONTROLLER AND TYPE IV CABINET (SPECIAL)	EACH	2	1	1	0
*	X8870300	EMERGENCY VEHICLE PRIORITY SYSTEM	EACH	2	1	1	0
*	X8870510	CONFIRMATION BEACON	EACH	8	4	4	0
*	X8891001	VIDEO VEHICLE DETECTION SYSTEM	EACH	2	1	1	0
*	X8950105	REMOVE EXISTING TRAFFIC CONTROLLER AND CABINET	EACH	2	1	1	0



201 West Springfield Avenue, Suite 1012
Champaign, IL 61820
PHONE: 217.673.7633

USER NAME = Nick.Burris	DESIGNED - NMN	REVISED -
	DRAWN - BAS	REVISED -
PLOT SCALE = 0.1667 ' / in.	CHECKED - TWK	REVISED -
PLOT DATE = 10/1/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MATTIS AVE. TRAFFIC SIGNAL & INTERCONNECT IMPROVEMENTS

SUMMARY OF QUANTITIES

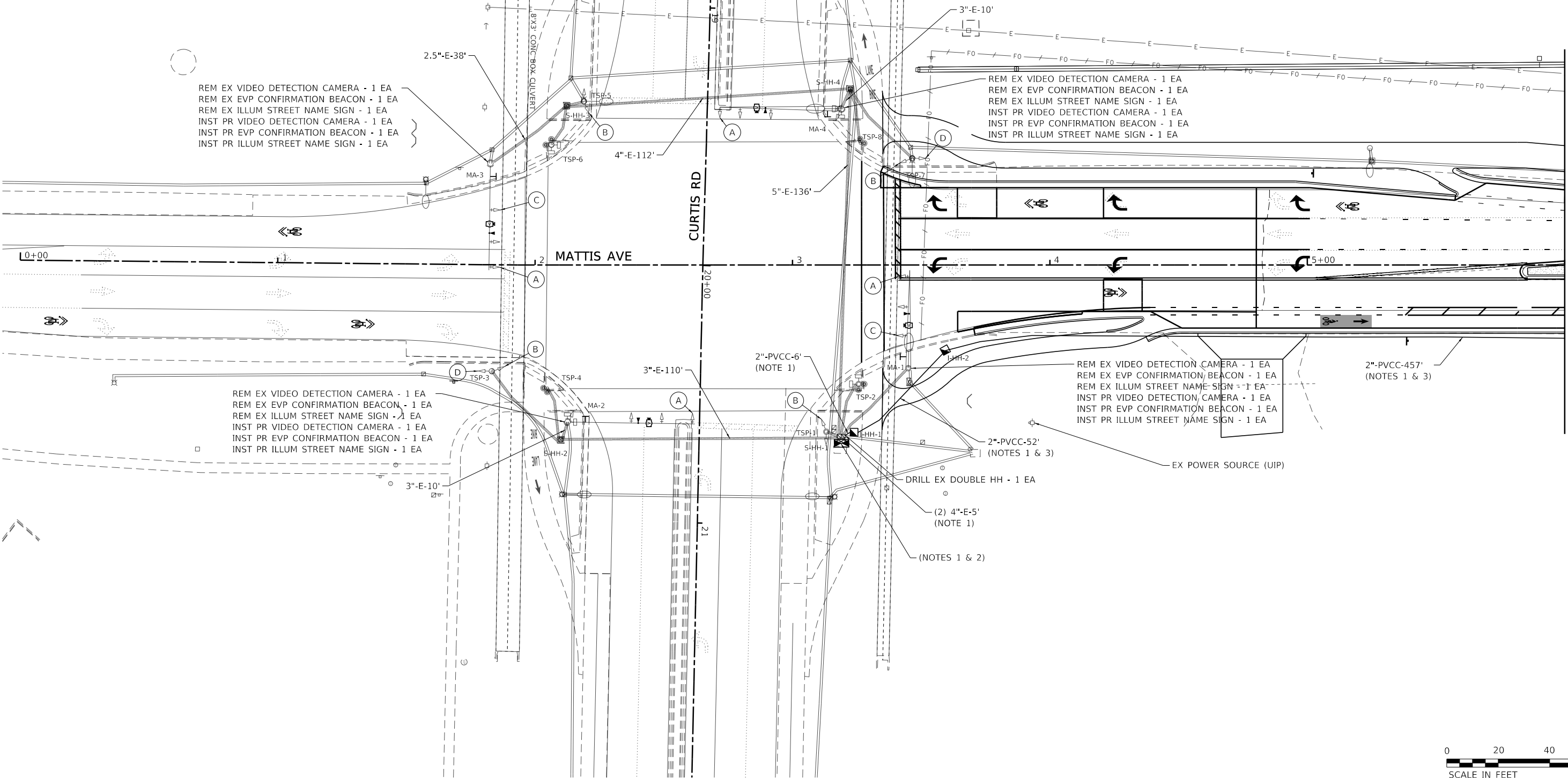
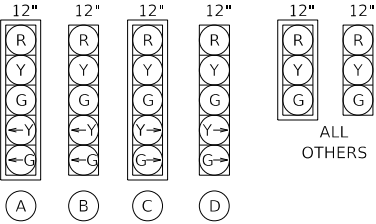
SCALE: SHEET 1 OF 1 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7159	19-000314-00-PV	CHAMPAIGN	197	81
CONTRACT NO. 91642				
ILLINOIS FED. AID PROJECT				

TRAFFIC SIGNAL GENERAL NOTES

- 1. DENOTED CONDUITS SHALL BE UTILIZED FOR PROPOSED INTERCONNECT SYSTEM IMPROVEMENTS. WITHIN RESPECTIVE CONDUITS, THE CONTRACTOR SHALL INSTALL ONE 48-S.M.F.O. CABLE.
- 2. EXISTING TRAFFIC SIGNAL CONTROLLER AND CABINET ASSEMBLY SHALL BE REMOVED, AND REPLACED WITH A NEW TRAFFIC SIGNAL CONTROLLER AND NEW TYPE IV CABINET ON THE EXISTING CONCRETE FOUNDATION. A NEW UNINTERRUPTIBLE POWER SUPPLY SHALL BE ATTACHED TO ONE SIDE OF THE NEW SIGNAL CABINET, AND A NEW ELECTRICAL SERVICE METER AND DISCONNECT SHALL BE ATTACHED TO THE OTHER SIDE OF NEW SIGNAL CABINET. SEE SHEET 90, AS WELL AS PROJECT SPECIAL PROVISIONS, FOR ADDITIONAL INFORMATION. THE NEW SIGNAL CABINET SHALL ALSO BE CAPABLE OF ACCOMMODATING FUTURE FLASHING YELLOW ARROW OPERATIONS.
- 3. THE PROPOSED ROUTING OF INTERCONNECT CONDUITS AND LOCATIONS OF PROPOSED HANDHOLES SHOWN ON THE PLAN SHEET ARE SCHEMATIC, AND THEREFORE MAY REQUIRE FIELD ADJUSTMENTS. THE PROPOSED CONDUIT AND JUNCTION BOX LOCATIONS MAY BE ADJUSTED, AS NECESSARY, DUE TO THE PRESENCE OF EXISTING UTILITIES, OTHER ABOVE/BELOW GROUND APPURTENANCES, OR TOPOGRAPHY.

TRAFFIC SIGNAL FACES



MATCHLINE STA 6+00



USER NAME = Nick.Burris	DESIGNED - NMN	REVISED -
DRAWN - NMN	REVISED -	
PLOT SCALE = 40,0000 ' / in.	CHECKED - TWK	REVISED -
PLOT DATE = 10/1/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

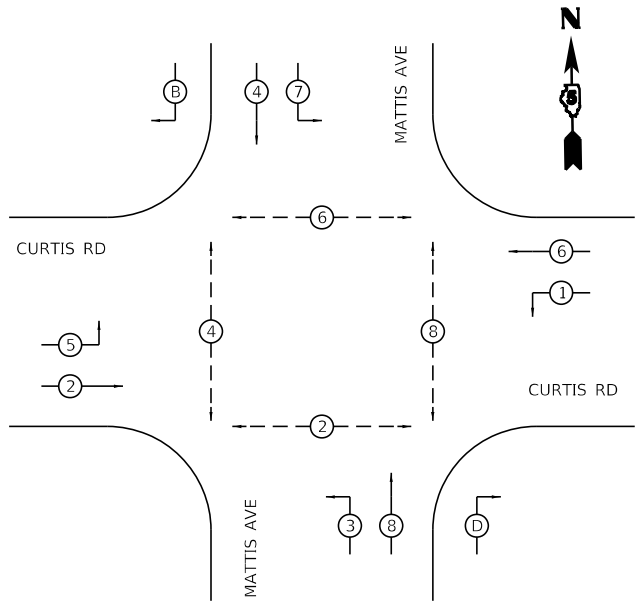
TRAFFIC SIGNAL MODIFICATION AND INTERCONNECT PLAN
MATTIS AVE. & CURTIS RD.

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7159	19-000314-00-PV	CHAMPAIGN	197	82
CONTRACT NO. 91642				

ILLINOIS FED. AID PROJECT

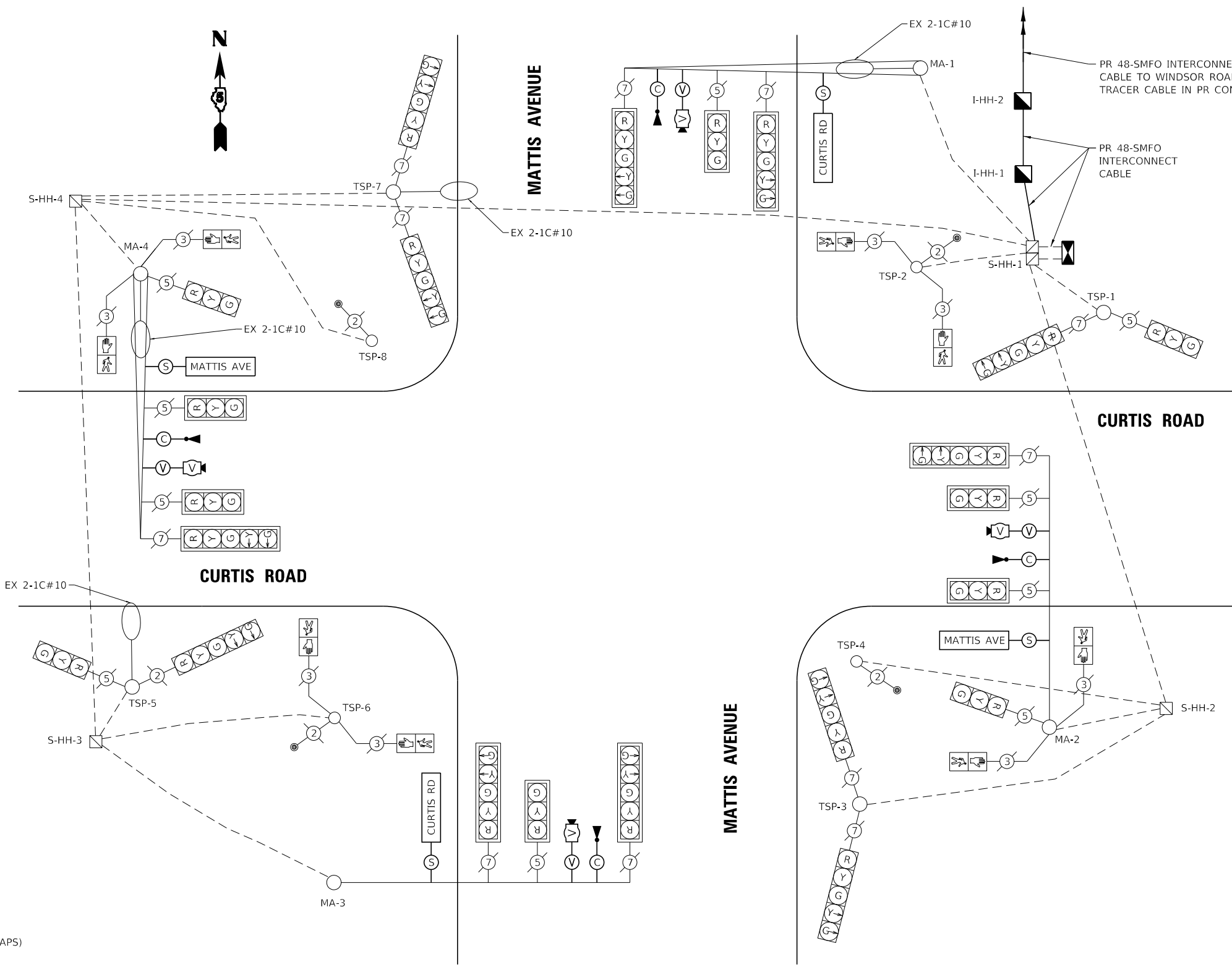
MODEL: 01_Curtis_Signal_Plan
FILE NAME: X:\production\Files\2021\421-1003\CAD\CADD Sheets\21-1885 Mattis Ave - sh-Traffic_Signals.dgn



PHASE DESIGNATION DIAGRAM

TRAFFIC SIGNALS LEGEND (SHEET DETAILS)

- | | | | |
|--|--|--|--|
| | EX CABLE NUMBER
* = CABLE NUMBER | | PR CABLE NUMBER
* = CABLE NUMBER |
| | SIGNAL SECTION, 12" | | EX TRAFFIC SIGNAL HEAD,
WITHOUT BACKPLATE |
| | LEFT (OR RIGHT) TURN YELLOW | | EX TRAFFIC SIGNAL HEAD,
WITH BACKPLATE |
| | LEFT (OR RIGHT) TURN GREEN | | EX PEDESTRIAN SIGNAL HEAD
WITHOUT COUNTDOWN TIMER |
| | PR TRAFFIC SIGNAL CONTROLLER
CABINET ON EX CONC FDN | | EX PEDESTRIAN PUSH BUTTON (NON-APS) |
| | EX UNDERGROUND CONDUIT | | EX COMBINATION MAST ARM ASSEMBLY AND POLE |
| | PR UNDERGROUND CONDUIT | | EX STEEL MAST ARM ASSEMBLY AND POLE |
| | EX HANDHOLE
(SIGNAL) | | EX TRAFFIC SIGNAL POST |
| | EX DOUBLE HANDHOLE
(SIGNAL) | | PR SINGLE MODE FIBER OPTIC CABLE |
| | PR HANDHOLE
(SIGNAL OR INTERCONNECT) | | |
| | EX LUMINAIRE MAST ARM | | |
| | EX VIDEO DETECTION CAMERA | | |
| | PR EMERGENCY VEHICLE PRIORITY (EVP)
CONFIRMATION BEACON | | |



CABLE PLAN
NOT TO SCALE

SEQUENCE OF OPERATION

PHASE	1	2	3	4	5	6	7	8
MOVEMENT	WB LT	EB	NBLT	SB	EB LT	WB	SBLT	NB
CONCURRENT MOVEMENT PERMITTED	5, 6 OR OL D	5 OR 6	7 OR 8	7 OR 8	1, 2 OR OL B	1 OR 2	3 OR 4	3 OR 4

MODEL 02 Curtis Cable Diagram
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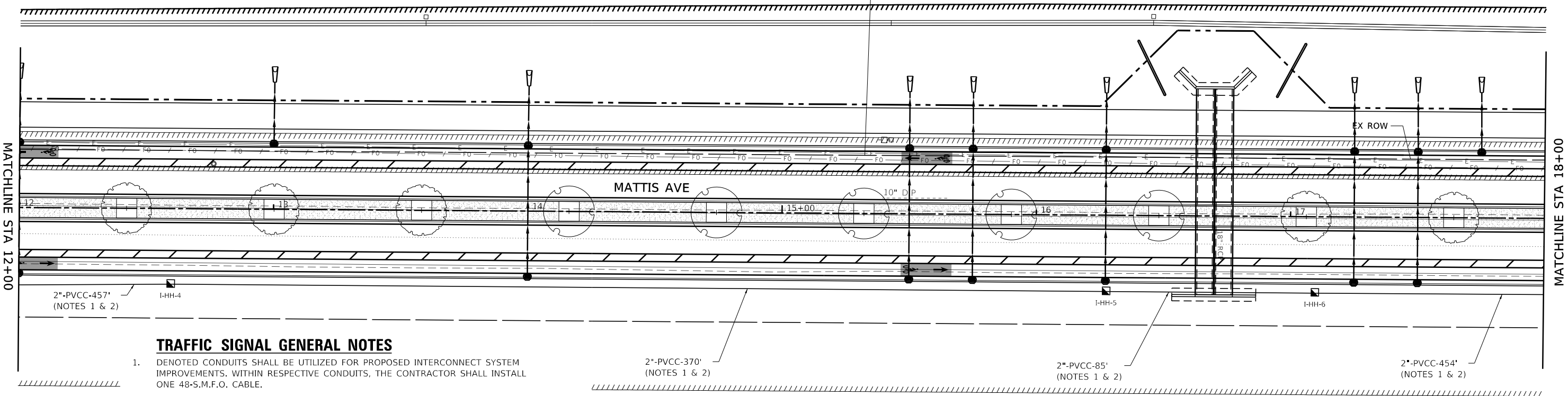
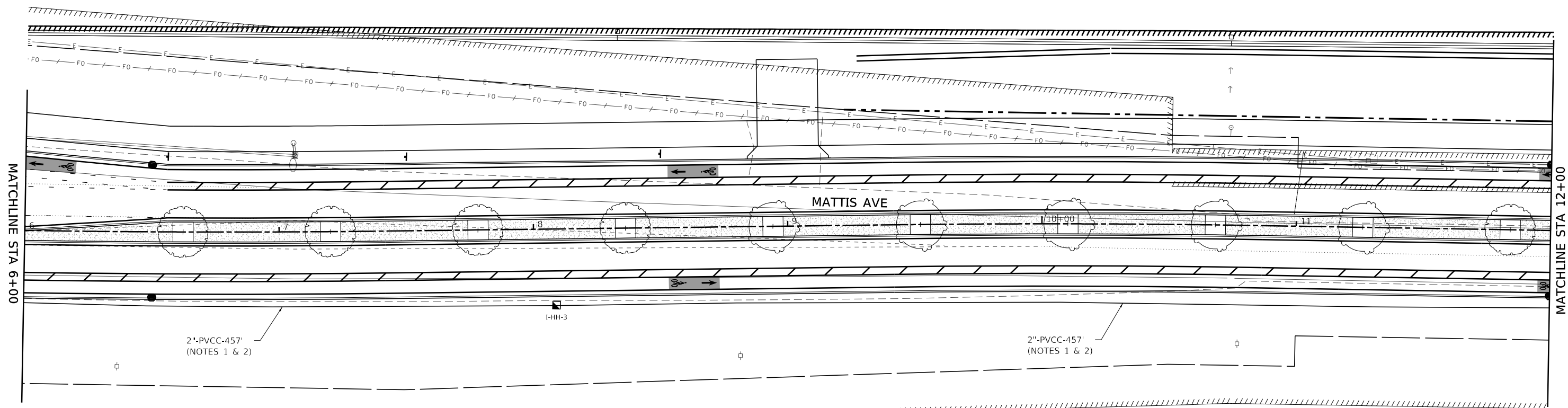
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PLOT DATE = 10/1/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CABLE DIAGRAM
MATTIS AVE. & CURTIS RD.

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7159	19-000314-00-PV	CHAMPAIGN	197	83
CONTRACT NO. 91642				
ILLINOIS FED. AID PROJECT				



TRAFFIC SIGNAL GENERAL NOTES

- DENOTED CONDUITS SHALL BE UTILIZED FOR PROPOSED INTERCONNECT SYSTEM IMPROVEMENTS. WITHIN RESPECTIVE CONDUITS, THE CONTRACTOR SHALL INSTALL ONE 48-S.M.F.O. CABLE.
- THE PROPOSED ROUTING OF INTERCONNECT CONDUITS AND LOCATIONS OF PROPOSED HANDHOLES SHOWN ON THE PLAN SHEET ARE SCHEMATIC, AND THEREFORE MAY REQUIRE FIELD ADJUSTMENTS. THE PROPOSED CONDUIT AND JUNCTION BOX LOCATIONS MAY BE ADJUSTED, AS NECESSARY, DUE TO THE PRESENCE OF EXISTING UTILITIES, OTHER ABOVE/BELOW GROUND APPURTENANCES, OR TOPOGRAPHY.

MODEL: 03_Fiber_PoP_1
FILE: I:\AMEZ_AutoConstructionFiles\2021\421-1003\CAD\CADD Sheets\21-1885_Mattis Ave - shtTraffic_Signals.dgn



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PLOT DATE = 10/1/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

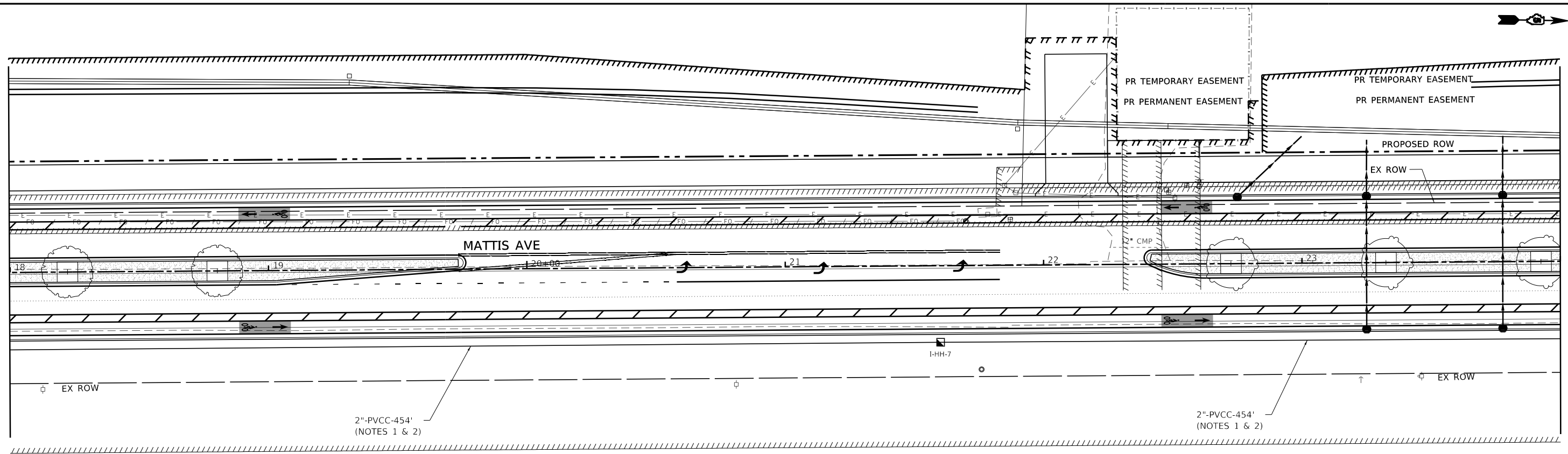
INTERCONNECT PLAN
MATTIS AVE. (BETWEEN CURTIS RD. & WINDSOR RD.)

SCALE: SHEET 1 OF 4 SHEETS

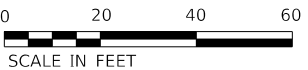
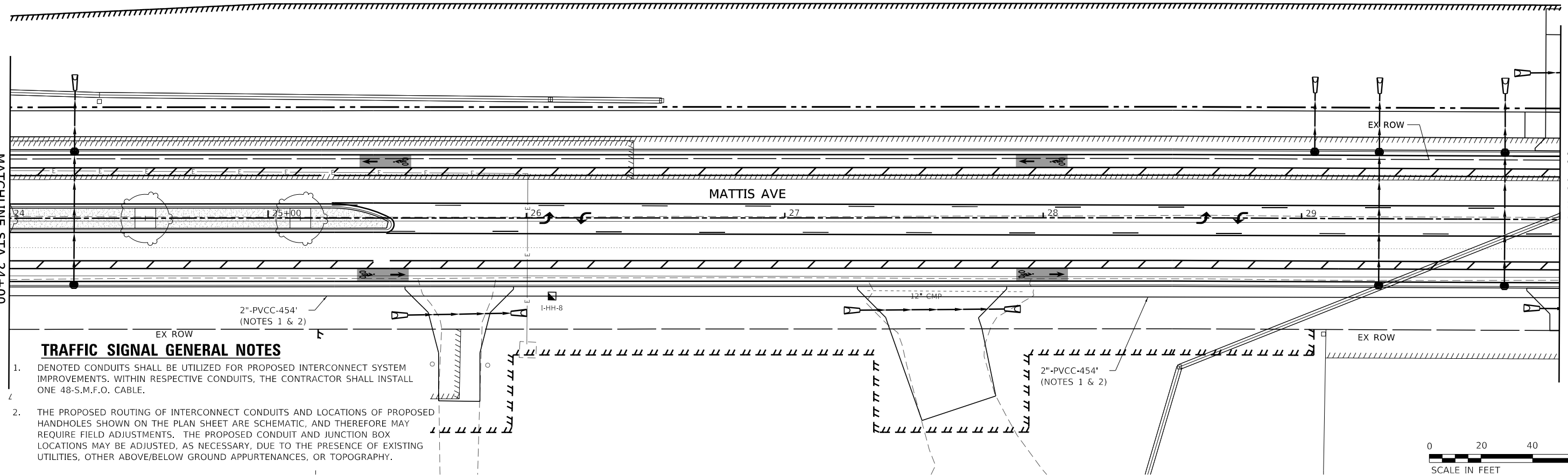
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7159	19-000314-00-PV	CHAMPAIGN	197	84
CONTRACT NO. 91642				
ILLINOIS FED. AID PROJECT				

MODEL 04_Fiber_PoP_2
FILE NAME: X:\ConstructionFiles\2021\421-1003\CAD\CADD Sheets\21-1885 Mattis Ave - sht-Traffic-Signals.dgn

MATCHLINE STA 18+00



MATCHLINE STA 24+00



TRAFFIC SIGNAL GENERAL NOTES

- DENOTED CONDUITS SHALL BE UTILIZED FOR PROPOSED INTERCONNECT SYSTEM IMPROVEMENTS. WITHIN RESPECTIVE CONDUITS, THE CONTRACTOR SHALL INSTALL ONE 48-S.M.F.O. CABLE.
- THE PROPOSED ROUTING OF INTERCONNECT CONDUITS AND LOCATIONS OF PROPOSED HANDHOLES SHOWN ON THE PLAN SHEET ARE SCHEMATIC, AND THEREFORE MAY REQUIRE FIELD ADJUSTMENTS. THE PROPOSED CONDUIT AND JUNCTION BOX LOCATIONS MAY BE ADJUSTED, AS NECESSARY, DUE TO THE PRESENCE OF EXISTING UTILITIES, OTHER ABOVE/BELOW GROUND APPURTENANCES, OR TOPOGRAPHY.



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MODEL NAME = 04_Fiber PoP 2
PLOT SCALE = 40.0000 ' / in.
PLOT DATE = 10/1/2025

DESIGNED - NMN
DRAWN - NMN
CHECKED - TWK
DATE -

REVISED -
REVISED -
REVISED -
REVISED -

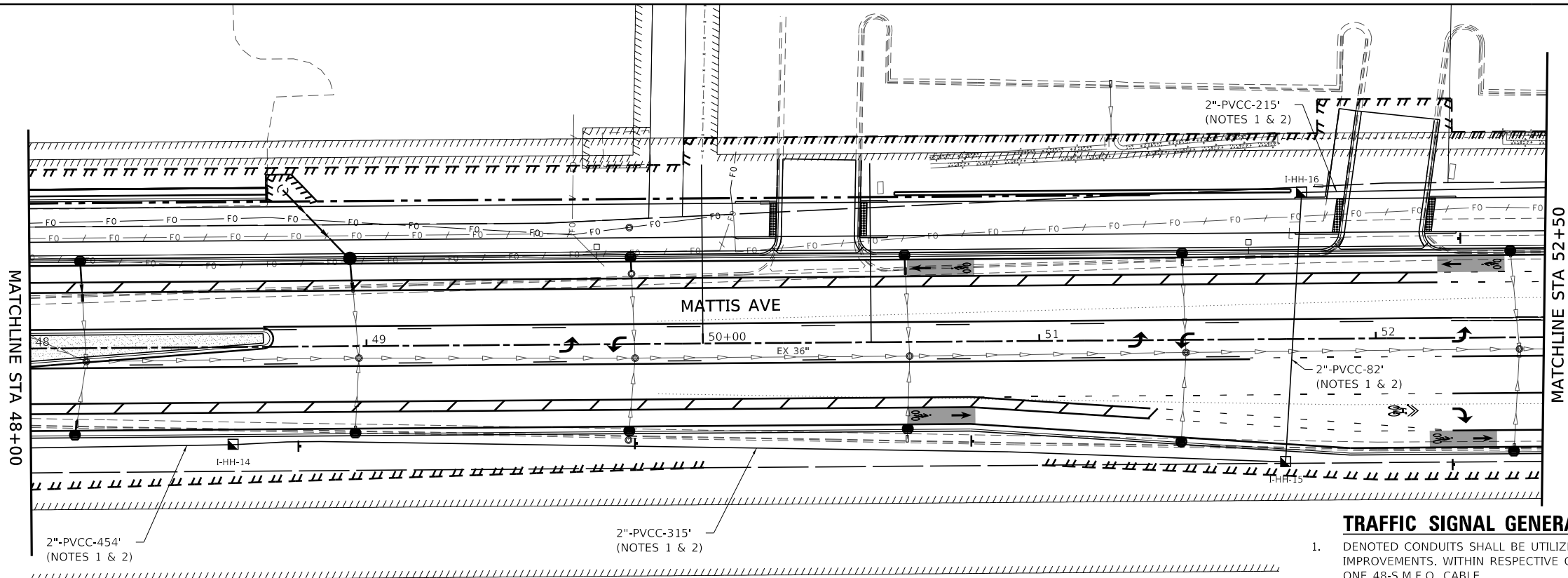
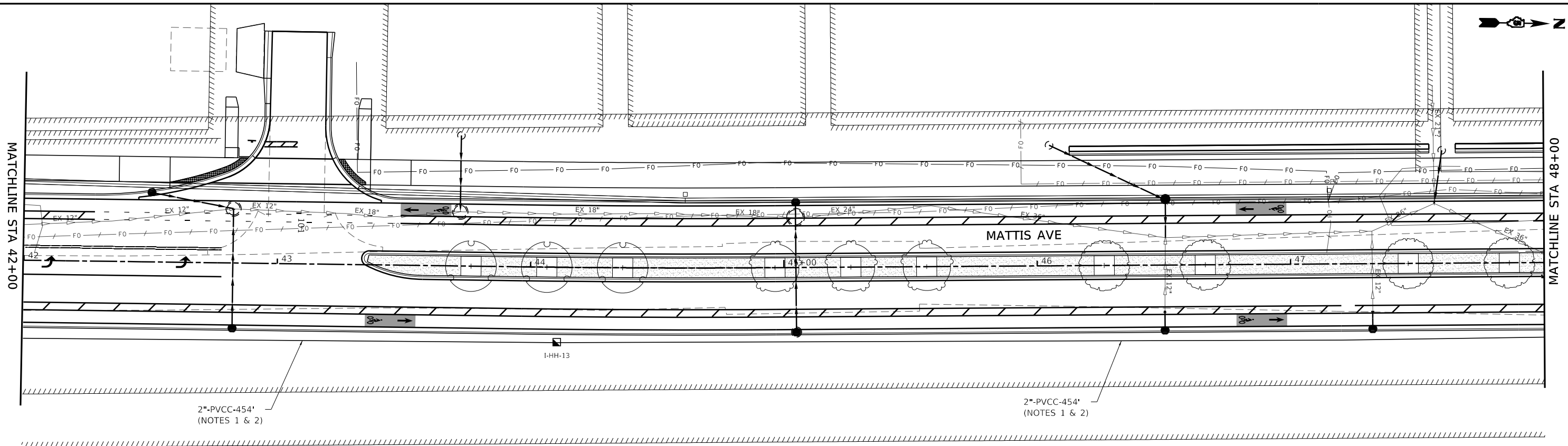
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

INTERCONNECT PLAN
MATTIS AVE. (BETWEEN CURTIS RD. & WINDSOR RD.)

SCALE: SHEET 2 OF 4 SHEETS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7159	19-000314-00-PV	CHAMPAIGN	197	85
CONTRACT NO. 91642				
ILLINOIS FED. AID PROJECT				

MODEL: 06_Fiber_Pop_4
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TRAFFIC SIGNAL GENERAL NOTES

- DENOTED CONDUITS SHALL BE UTILIZED FOR PROPOSED INTERCONNECT SYSTEM IMPROVEMENTS. WITHIN RESPECTIVE CONDUITS, THE CONTRACTOR SHALL INSTALL ONE 48-S.M.F.O. CABLE.
- THE PROPOSED ROUTING OF INTERCONNECT CONDUITS AND LOCATIONS OF PROPOSED HANDHOLES SHOWN ON THE PLAN SHEET ARE SCHEMATIC, AND THEREFORE MAY REQUIRE FIELD ADJUSTMENTS. THE PROPOSED CONDUIT AND JUNCTION BOX LOCATIONS MAY BE ADJUSTED, AS NECESSARY, DUE TO THE PRESENCE OF EXISTING UTILITIES, OTHER ABOVE/BELOW GROUND APPURTENANCES, OR TOPOGRAPHY.



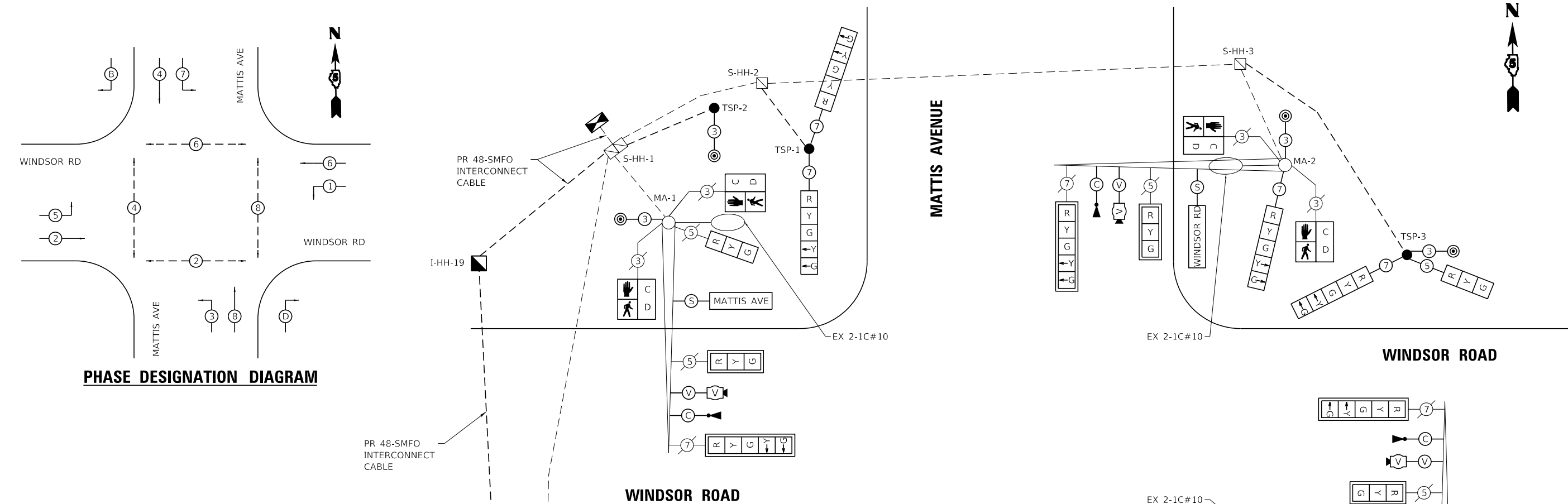
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PLOT DATE = 10/1/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

INTERCONNECT PLAN
MATTIS AVE. (BETWEEN CURTIS RD. & WINDSOR RD.)

SCALE: SHEET 4 OF 4 SHEETS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7159	19-000314-00-PV	CHAMPAIGN	197	87
CONTRACT NO. 91642				
ILLINOIS FED. AID PROJECT				



TRAFFIC SIGNALS LEGEND (SHEET DETAILS)

- | | | | |
|------|--|--|--|
| | EX CABLE NUMBER
*=CABLE NUMBER | | PR CABLE NUMBER
* = CABLE NUMBER |
| | SIGNAL SECTION, 12" | | PR TRAFFIC SIGNAL HEAD,
WITHOUT BACKPLATE |
| | LEFT (OR RIGHT) TURN YELLOW | | PR TRAFFIC SIGNAL HEAD,
WITH BACKPLATE |
| | LEFT (OR RIGHT) TURN GREEN | | PR PEDESTRIAN SIGNAL HEAD
WITH COUNTDOWN TIMER |
| | PR TRAFFIC SIGNAL CONTROLLER
CABINET ON EX CONC FDN | | PR ACCESSIBLE PEDESTRIAN SIGNAL (APS) UNIT |
| | EX UNDERGROUND CONDUIT | | EX COMBINATION MAST ARM ASSEMBLY AND POLE |
| | PR UNDERGROUND CONDUIT | | PR COMBINATION MAST ARM ASSEMBLY AND POLE |
| | EX HANDHOLE
(SIGNAL) | | EX TRAFFIC SIGNAL POST |
| | EX DOUBLE HANDHOLE
(SIGNAL) | | PR TRAFFIC SIGNAL POST |
| | PR HANDHOLE
(SIGNAL OR INTERCONNECT) | | PR EMERGENCY VEHICLE PRIORITY (EVP)
CONFIRMATION BEACON |
| | EX LUMINAIRE MAST ARM | | |
| | PR LUMINAIRE MAST ARM | | |
| | PR VIDEO DETECTION CAMERA | | |
| SMFO | PR SINGLE MODE FIBER OPTIC CABLE | | |

SEQUENCE OF OPERATION

PHASE	1	2	3	4	5	6	7	8
MOVEMENT								
CONCURRENT MOVEMENT PERMITTED	5, 6 OR OL D	5 OR 6	7 OR 8	7 OR 8	1, 2 OR OL B	1 OR 2	3 OR 4	3 OR 4

MODEL 08 Windsor Cable Diagram
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CHECKED - TWK
DATE - 10/1/2025
PLOT DATE = 10/1/2025

DESIGNED - NMN
DRAWN - NMN
CHECKED - TWK
DATE -

REVISED -
REVISED -
REVISED -
REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CABLE DIAGRAM
MATTIS AVE. & WINDSOR RD.

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

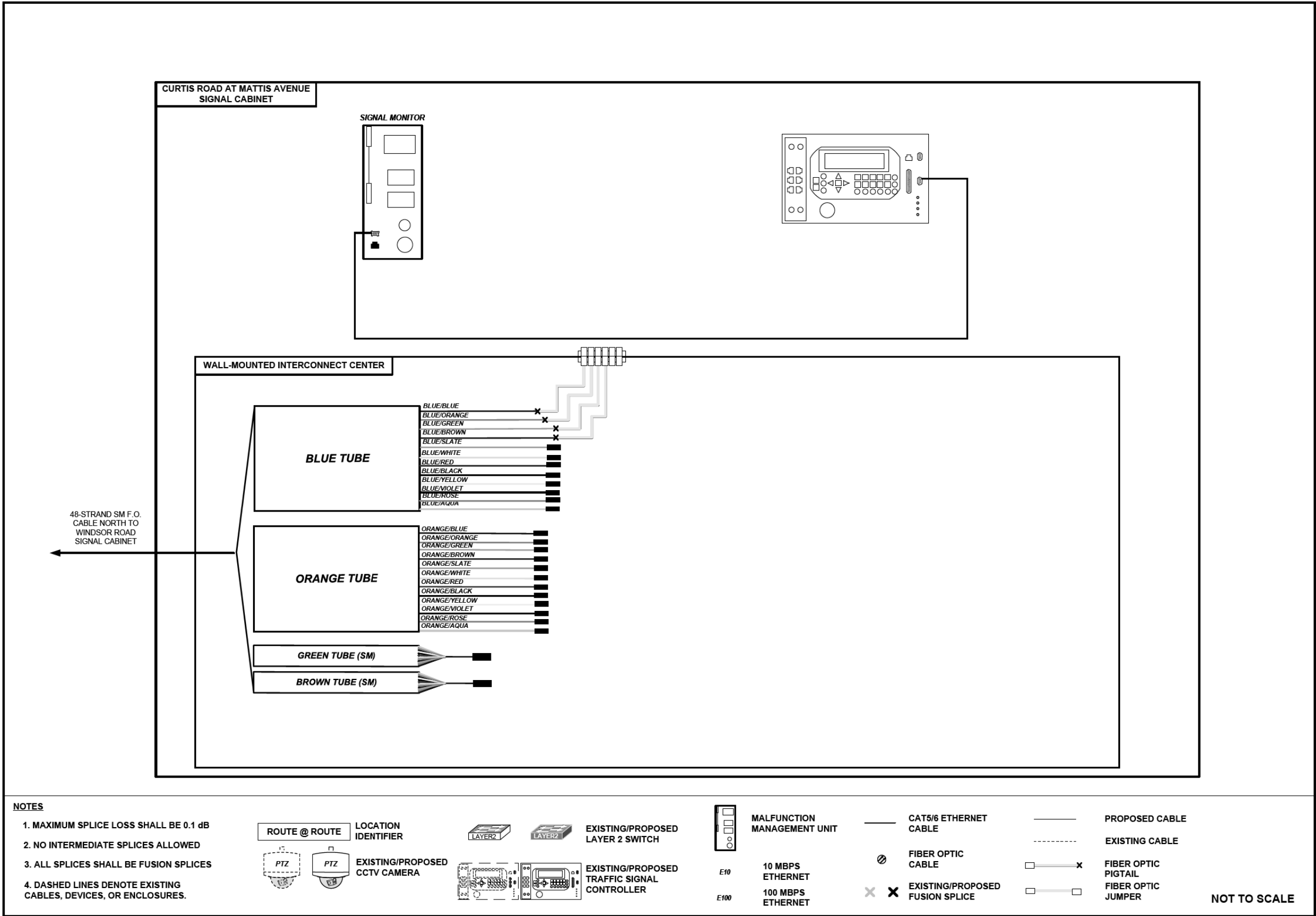
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7159	19-000314-00-PV	CHAMPAIGN	197	89
ILLINOIS FED. AID PROJECT			CONTRACT NO. 91642	



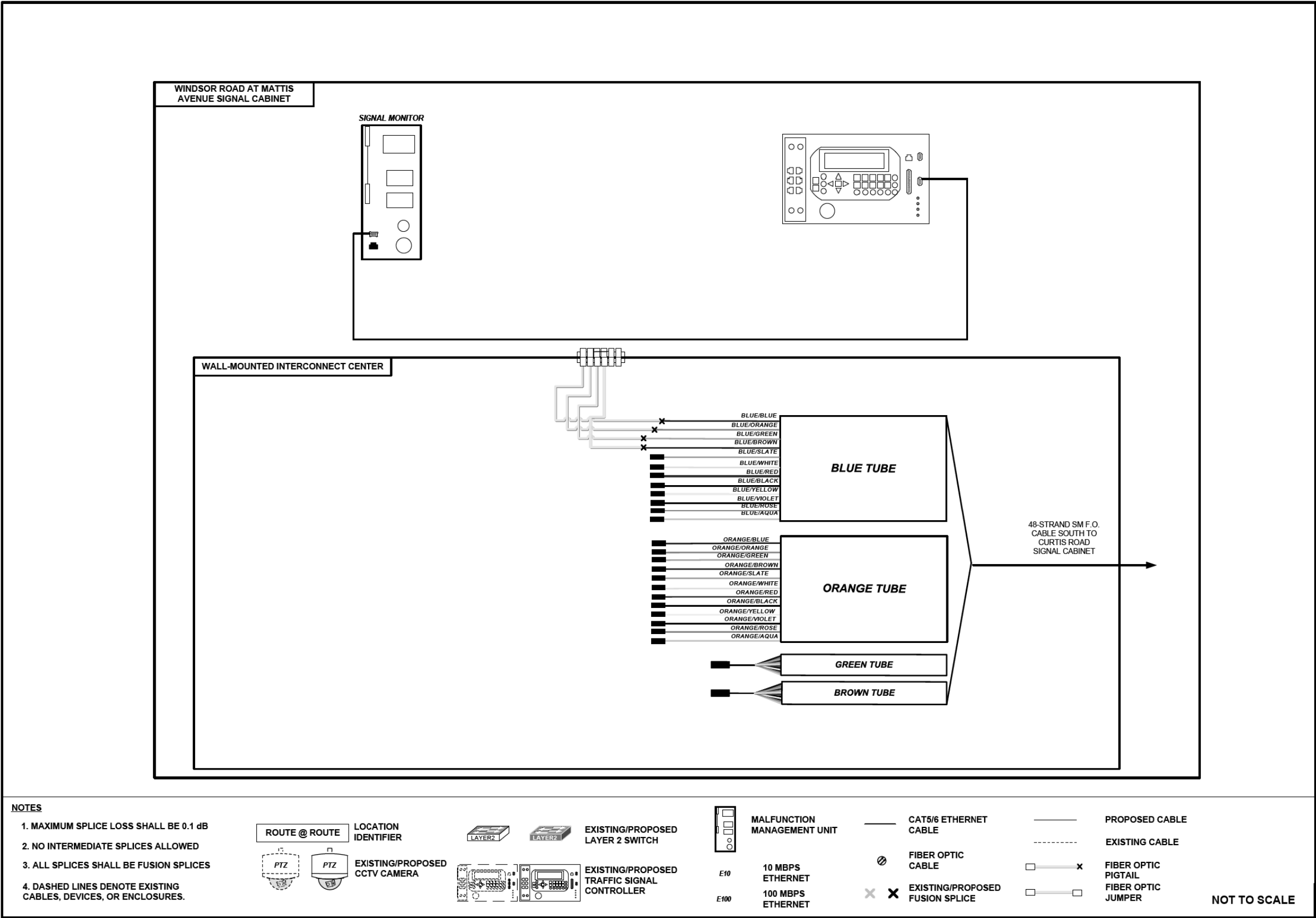
SCALE: N.T.S.

NEW SIGNAL CONTROLLER CABINET WITH METER, MAIN DISCONNECT,
AND UNINTERRUPTIBLE POWER SUPPLY ATTACHED TO SIDE OF SIGNAL CABINET,
ON EXISTING TYPE D CONCRETE FOUNDATION

MODEL 10 Comm Diagram 1
FILE NAME: \\g:\projects\2025\10031\CAD\CADD Sheets\21-1885 Mattis Ave - sh-Traffic Signal.dgn



MODEL 11 Comm Diagram 2
FILE NAME: \\g:\data\comm\files\2021\421-1003\CAD\CADD Sheets\21-1885 Mattis Ave - sh-Traffic Signal.dgn



GENERAL NOTES

1.

ALL ELECTRICAL WORK SHALL CONFORM TO THE REQUIREMENTS OF THE 2023 NATIONAL ELECTRICAL CODE (NEC), THE IDOT "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION", CITY OF CHAMPAIGN DESIGN STANDARDS, AND ALL APPLICABLE LOCAL ORDINANCES.
2.

TRAFFIC CONTROL SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR AND SHALL CONFORM TO THE ILLINOIS MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (ILMUTCD), HIGHWAY STANDARDS AND STANDARD SPECIFICATIONS.
3.

THE LOCATION OF EXISTING UTILITIES AS SHOWN ON THE PLANS HAVE BEEN LOCATED AT THE TIME OF THE SURVEY, OR BASED ON AVAILABLE EXISTING INFORMATION. NO GUARANTEE IS IMPLIED THAT ALL UTILITIES HAVE BEEN LOCATED OR DEPICTED ON THE PLANS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THE EXACT LOCATION OF ALL UNDERGROUND UTILITIES, SHOWN OR NOT SHOWN, AND SHALL LOCATE THE UTILITIES IN THE FIELD PRIOR TO ANY GRADING, EXCAVATION OR CONSTRUCTION RELATED IMPROVEMENTS.
4.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING UTILITY PROPERTY FROM CONSTRUCTION OPERATIONS AS OUTLINED IN ARTICLE 107.30 OF THE "STANDARD SPECIFICATIONS". CALL J.U.L.I.E. AT 1-800-892-0123, AS WELL AS ANY OTHER KNOWN UTILITY COMPANIES NOT SERVED BY J.U.L.I.E., A MINIMUM OF 48 HOURS IN ADVANCE OF DIGGING OPERATIONS. THE CONTRACTOR SHALL COORDINATE ANY REQUIRED UTILITY ADJUSTMENTS WITH THE APPROPRIATE UTILITY COMPANY. AGENCIES KNOWN TO HAVE FACILITIES WITHIN THE PROJECT AREA AS FOLLOWS:

- AMEREN ILLINOIS

- AT&T CORP.

- CAMPUS COMMUNICATIONS GROUP

- CITY OF CHAMPAIGN

- COMCAST CORP.

- IL CONSOLIDATED TELEPHONE

- ILLINOIS AMERICAN WATER

- U-C 2B/ITV-3 BROADBAND

- U-C SANITARY DISTRICT

- WINDSTREAM KDL/MCLEOD USA
5.

THE CONTRACTOR SHALL FURNISH ALL MATERIALS FOR A COMPLETE AND WORKABLE LIGHTING SYSTEM. A DULY LICENSED ELECTRICIAN SHALL SUPERVISE ALL LIGHTING RELATED WORK. THE CONTRACTOR SHALL ENSURE THAT ALL EMPLOYEES ARE FAMILIAR WITH THE TYPE OF WORK ENCOUNTERED ON THE PROJECT.
6.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL REQUIRED PERMITS AND FOR PROVIDING ALL SUPERVISION, LABOR, MATERIALS AND TOOLS FOR THE PROJECT. THE CONTRACTOR SHALL OBTAIN CITY OF CHAMPAIGN ELECTRICIAN LICENSE PRIOR TO START OF WORK, AND SHALL COORDINATE INSPECTION OF WORK WITH THE CITY OF CHAMPAIGN.
7.

THE CONSTRUCTION OF PROPOSED LIGHTING FACILITIES SHALL BE COORDINATED WITH PROPOSED ROADWAY, SIDEWALK, TRAFFIC SIGNAL, AND LANDSCAPING IMPROVEMENTS ALONG MATTIS AVENUE. REFER TO RESPECTIVE PLAN SHEETS AND PROJECT SPECIAL PROVISIONS DETAILED INFORMATION PERTAINING TO THE CONSTRUCTION OF PROPOSED SIDEWALKS, CURB RAMPS, CURB AND GUTTERS, SIGNING, TRAFFIC SIGNAL, INTERCONNECT, LANDSCAPING AND/OR ANY OTHER NON-LIGHTING RELATED COMPONENT OF THE PROJECT.
8.

PRIOR TO CONSTRUCTION ACTIVITIES TAKING PLACE, THE CONTRACTOR SHALL COORDINATE WITH AMEREN ILLINOIS TO VERIFY LOCATION OF THE PROPOSED POWER SOURCE, AND WHERE INSTALLATION OF NEW LIGHTING CONTROLLER IS ASSUMED.
9.

PRIOR TO CONSTRUCTION ACTIVITIES TAKING PLACE, THE CONTRACTOR SHALL VERIFY THE FUNCTIONALITY OF THE EXISTING LIGHTING EQUIPMENT WITHIN THE PROJECT AREAS THAT ARE DESIGNATED TO BE CONNECTED INTO AND/OR USED IN PLACE, AND NOTIFY THE CITY OF CHAMPAIGN'S REPRESENTATIVE (MR. JOHN ROSE - 217.403.4700) OF ANY EVIDENT EXISTING DEFICIENCIES.
10.

IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO REPAIR ANY FACILITIES DAMAGED DURING CONSTRUCTION. ALL EXISTING FACILITIES NOT EXPLICITLY IDENTIFIED AS BEING REMOVED OR RELOCATED IN THE PLANS THAT ARE DISTURBED OR OTHERWISE DAMAGED BY THE CONTRACTOR SHALL BE REPLACED IN KIND BY THE CONTRACTOR, WITH NO ADDITIONAL COMPENSATION.
11.

ALL SURPLUS MATERIALS SHALL BE DISPOSED OF IN ACCORDANCE WITH ARTICLE 202.03 OF THE STANDARD SPECIFICATIONS.
12.

THE PROPOSED ROUTING OF ELECTRICAL CIRCUITS AND LOCATIONS OF PROPOSED JUNCTION BOXES SHOWN IN THE PLANS ARE SCHEMATIC, AND THEREFORE MAY REQUIRE FIELD ADJUSTMENTS. THE PROPOSED ELECTRICAL CIRCUIT AND JUNCTION BOX LOCATIONS MAY BE ADJUSTED, AS NECESSARY, DUE TO THE PRESENCE OF EXISTING UTILITIES, OTHER ABOVE/BELOW GROUND APPURTENANCES, OR TOPOGRAPHY.
13.

THE LOCATIONS OF PROPOSED LIGHT POLES SHOWN IN THE PLANS ARE APPROXIMATE, AND THEREFORE MAY REQUIRE FIELD ADJUSTMENTS. THE PROPOSED LIGHT POLE LOCATIONS MAY BE ADJUSTED, AS NECESSARY, DUE TO THE PRESENCE OF EXISTING UTILITIES, OTHER ABOVE/BELOW GROUND APPURTENANCES, OR TOPOGRAPHY; HOWEVER, THE CONTRACTOR SHALL COORDINATE FINAL LOCATIONS OF ALL LIGHT POLE FOUNDATIONS WITH THE CITY OF CHAMPAIGN'S PROJECT CONSTRUCTION REPRESENTATIVE AFTER ALL UTILITIES HAVE BEEN FIELD LOCATED AND/OR EXPOSED. REFER TO PLAN SHEETS FOR ADDITIONAL INFORMATION RELATED TO INTENDED LOCATION OF PROPOSED LIGHT POLES, IN RELATION TO SIDEWALK AND/OR CURBED MEDIAN FACILITIES. THE MINIMUM CLEAR DISTANCE ALLOWED BETWEEN THE BACK OF CURB AND CENTER OF LIGHT POLE SHALL BE 3.0 FT (36 IN.), UNLESS OTHERWISE DIRECTED BY THE ENGINEER.
14.

DIRECTIONAL BORING OR PUSHING OF CONDUIT MAY BE USED INSTEAD OF TRENCHING CONDUIT; HOWEVER, NO ADDITIONAL PAYMENT WILL BE MADE. IF USED, OPEN TRENCHING SHALL BE COORDINATED WITH ROADWAY AND SIDEWALK IMPROVEMENTS TO ALLOW FOR A NEW SURFACE FREE OF ANY TRENCH PATCHING FOLLOWING POLE FOUNDATION, CONDUIT, OR JUNCTION BOX INSTALLATION.

15.

NO ADDITIONAL COMPENSATION SHALL BE ALLOWED FOR PLACING CONDUIT AT GREATER THAN 2 FT. MINIMUM DEPTH TO AVOID OBSTACLES SUCH AS UNDERGROUND UTILITIES. CONTRACTOR IS RESPONSIBLE FOR REPAIR TO ALL UNDERGROUND UTILITIES DAMAGED DURING INSTALLATION OF ROADWAY LIGHTING IMPROVEMENTS.
16.

EXCAVATION (EARTHEN OR CONCRETE), RESTORATION, OR SEEDING ASSOCIATED WITH INSTALLATION OF CONDUITS, FOUNDATIONS, OR JUNCTION BOXES WILL NOT BE PAID FOR SEPARATELY, AND SHALL BE INCLUDED AS PART OF WORK ASSOCIATED WITH INSTALLING RESPECTIVE PAY ITEMS.
17.

ALL CONDUITS WITH WIRING SHALL BE PROVIDED WITH AN INSULATED COPPER GROUNDING CONDUCTOR SIZED, AS NOTED ON PLANS AND IN ACCORDANCE WITH THE 2023 NATIONAL ELECTRICAL CODE (NEC).
18.

THE CONTRACTOR SHALL PROVIDE PULL STRING IN ALL CONDUITS, INCLUDING THOSE CONDUITS WITH CONDUCTORS INSTALLED. THE PULL STRING WILL NOT BE PAID FOR SEPARATELY, AND SHALL BE INCLUDED AS PART OF WORK ASSOCIATED WITH INSTALLING RESPECTIVE CONDUIT PAY ITEMS.
19.

THE CONTRACTOR SHALL TAG ALL ELECTRICAL CONDUCTORS (PHASE CONDUCTORS, NEUTRALS, AND GROUNDS) WITH PERMANENT TAGS. EACH CONDUCTOR SHALL BE TAGGED IN ALL JUNCTION BOXED AND POLE HANDHOLES. THE TAG SHALL INDICATE THE LIGHTING CONTROLLER AND CIRCUIT NUMBER FROM WHICH THE CONDUCTORS ORIGINATE.
20.

CONDUIT SPLICES WILL NOT BE PAID FOR SEPARATELY, AND SHALL BE INCLUDED AS PART OF WORK ASSOCIATED WITH INSTALLING RESPECTIVE CONDUIT PAY ITEMS.
21.

POLE WIRING WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED WITH THE LUMINAIRE PER ARTICLE 821.03 OF THE STANDARD SPECIFICATIONS.
22.

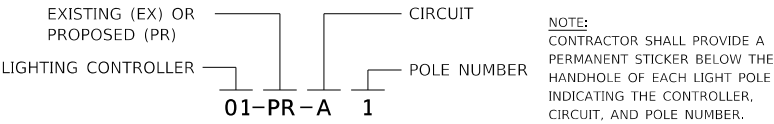
JUNCTION BOXES SHALL INCLUDE THE INTENDED USE CAST INTO THE COVER. REFER TO SPECIAL PROVISIONS FOR ADDITIONAL INFORMATION.
23.

ALL GROUNDING CONDUCTORS SHALL BE BONDED TOGETHER IN ALL JUNCTION BOXES AND HANDHOLES. SEE LIGHTING DETAIL SHEETS FOR ADDITIONAL INFORMATION.
24.

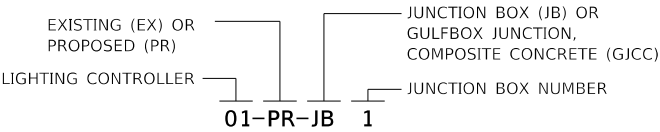
WHERE EXISTING CONDUCTORS ARE TO BE ABANDONED IN PLACE, THE CONDUCTORS SHALL BE DISCONNECTED AND ISOLATED FROM EXISTING CONDUCTORS WHICH ARE TO REMAIN ENERGIZED.
25.

EXISTING LIGHTING UNITS (LUMINAIRES AND POLES) THAT ARE NOTED TO BE SALVAGED SHALL REMAIN THE PROPERTY OF THE CITY OF CHAMPAIGN, AND SHALL BE MOVED TO AND STORED AT A LOCATION DESIGNATED BY THE CITY OF CHAMPAIGN ELECTRICAL SUPERVISOR FOR PICK UP BY CITY PERSONNEL. THE CONTRACTOR SHALL CONTACT THE CITY OF CHAMPAIGN CHAMPAIGN'S REPRESENTATIVE (MR. JOHN ROSE - 217.403.4700) TO DETERMINE WHERE SAID SALVAGED EQUIPMENT IS TO BE TRANSPORTED TO. REFER TO SPECIAL PROVISIONS FOR ADDITIONAL INFORMATION.

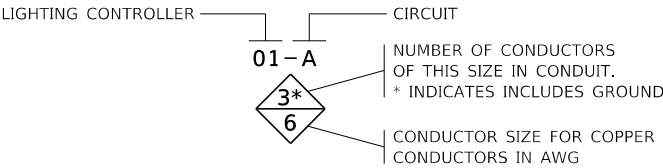
POLE DESIGNATION SCHEME



JUNCTION BOX DESIGNATION SCHEME



CONDUCTOR SYMBOL SCHEME



INDEX OF SHEETS

93	GENERAL NOTES, INDEX OF SHEETS, HIGHWAY STANDARDS, EQUIPMENT LEGEND, EQUIPMENT DESIGNATION SCHEDULE, & ILLUMINANCE SUMMARY TABLE
94-95	QUANTITY SCHEDULES
96-100	LIGHTING PLANS
101-105	LIGHTING DETAILS

HIGHWAY STANDARDS

000001-09	STANDARD SYMBOLS, ABBREVIATIONS, AND PATTERNS
001006	DECIMAL OF AN INCH AND OF A FOOT
701001-02	OFF-RD OPERATIONS, 2L, 2W, MORE THAN 15 ' AWAY
701006-05	OFF-RD OPERATIONS, 2L, 2W 15' TO 24' FROM PAVEMENT EDGE
701011-04	OFF-RD MOVING OPERATIONS, 2L, 2W, DAY ONLY
701502-09	URBAN LANE CLOSURE, 2L, 2W, WITH BIDIRECTIONAL LEFT TURN LANE
701701-10	URBAN LANE CLOSURE, MULTILANE INTERSECTION
701901-11	TRAFFIC CONTROL DEVICES
805001-01	ELECTRICAL SERVICE INSTALLATION DETAILS
821101-03	LUMINAIRE WIRING IN POLE
825021-04	LIGHTING CONTROLLER BASE MOUNTED, 240V
830001-03	LIGHT POLE ALUMINUM MAST ARM
836001-05	LIGHT POLE FOUNDATION
838001-01	BREAKAWAY DEVICES
878001-11	CONCRETE FOUNDATION DETAILS

LIGHTING EQUIPMENT LEGEND

	EX JUNCTION BOX
	PR JUNCTION BOX
	EX LIGHTING CIRCUIT
	PR LIGHTING CIRCUIT WITHIN 2-IN PVC CONDUIT, TRENCHED OR PUSHED
	EX LIGHTING CONTROLLER CABINET ASSEMBLY
	PR LIGHTING CONTROLLER CABINET ASSEMBLY
	EX LUMINIARE ARM ASSEMBLY, MOUNTED TO EX SIGNAL MAST ARM
	PR LUMINIARE ARM ASSEMBLY, VARYING EMH, SINGLE 15 FT MAST ARM, MOUNTED TO AMEREN POWER POLES (FURNISHED & INSTALLED BY AMEREN ILLINOIS)
	EX LIGHT POLE ASSEMBLY, 35 FT EMH, 8 FT MAST ARM
	PR LIGHT POLE ASSEMBLY, 35 FT EMH, 8 FT MAST ARM
	PR LIGHT POLE (SPECIAL) ASSEMBLY

ILLUMINANCE SUMMARY TABLES

Design Criteria	
Roadway Classification	Minor Arterial
Pedestrian Conflict	Low
Minimum Average(fc)	0.9
Maximum Uniformity (avg/min)	3:1

Illuminance Summary				
Sections	From Station	To Station	Average (fc)	Uniformity (avg/min)
Roadway #1	55+65	53+17	2.1	3.5
Roadway #2	53+17	46+13	2.6	26.0
Roadway #3	46+13	37+33	3.2	8.0
Roadway #4	37+33	27+95	2.5	4.2
Roadway #5	27+95	16+59	1.5	2.5
Roadway #6	16+59	03+10	1.6	3.2
Sidewalk #1	55+65	46+13	1.1	11.0
Sidewalk #2	46+13	37+33	1.7	3.4
Sidewalk #3	37+33	27+95	2.1	2.6
Sidewalk #4	27+95	16+59	1.4	2.0
Sidewalk #5	16+59	03+10	1.4	2.8
Sidewalk #6	04+35	03+10	2.4	2.0
Sidewalk #7	55+65	53+70	1.8	3.0

MODEL - Gen-01
FILE - ILMATIS - X:\Production\Files\2021\421-1003\0Departments\TEP\Analysis\Lighting Design\21-1885 Mattis Ave - shh-gennote.dgn

 201 West Springfield Avenue, Suite 1012 Champaign, IL 61820 PHONE: 217.673.7633	USER NAME = Nick.Burris		DESIGNED - NMN	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	MATTIS AVE. LIGHTING IMPROVEMENTS GENERAL NOTES, STANDARDS, LEGEND, INDEX OF SHEETS					F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	DRAWN - BAS		CHECKED - TWK	REVISED -							7159	19-000314-00-PV	CHAMPAIGN	197	93
	PLOT SCALE = 0.1667 ' / in.		DATE -	REVISED -		SCALE:			SHEET 1 OF 1 SHEETS		STA.	TO STA.		CONTRACT NO. 91642	
	PLOT DATE = 10/1/2025										ILLINOIS	FED. AID PROJECT			

MODEL: Gen-02
FILE: I:\Utilities_X\Production\Files\2021\421-1003\Departments\TEP\Analysis\Lighting_Design\21-1885_Mattis_Ave - sht-genote.dgn

REMOVALS SCHEDULE					
LOCATION			84200500	84200804	X8130125
			REMOVAL OF LIGHTING UNIT, SALVAGE	REMOVAL OF POLE FOUNDATION	REMOVE EX. JUNCTION BOX
ALIGNMENT	STATION	OFFSET	EACH	EACH	EACH
MATTIS AVE.	5+24.4	45.4' LT	1	1	
MATTIS AVE.	5+25.0	40.3' LT			1
MATTIS AVE.	7+05.8	34.9' LT	1	1	
MATTIS AVE.	7+06.4	30.0' LT			1
TOTAL:			2	2	2
USE:			2	2	2

LIGHTING CONDUIT AND CABLE SCHEDULE							
LOCATION					81028350	81028750	81702130
					UNDERGROUND CONDUIT, PVC, 2" DIA.	UNDERGROUND CONDUIT, COILABLE NONMETALLIC CONDUIT, 2" DIA.	ELECTRIC CABLE IN CONDUIT, 600V (XLP/USE) 1/C NO. 6
ALIGNMENT	FROM	TO	C-C DIST.	# OF	FOOT	FOOT	FOOT
MATTIS AVE.	02-PR-A18	02-PR-JB1	5	1	9		39
MATTIS AVE.	02-PR-JB1	02-PR-JB2	120	1	119		363
MATTIS AVE.	02-PR-JB2	02-PR-A17	5	1	9		39
MATTIS AVE.	02-PR-JB2	02-PR-JB3	135	1	134		408
MATTIS AVE.	02-PR-JB3	02-PR-A16	5	1	9		39
MATTIS AVE.	02-PR-JB3	02-PR-JB4	145	1	144		438
MATTIS AVE.	02-PR-JB4	02-PR-A15	5	1	9		39
MATTIS AVE.	02-PR-JB4	02-PR-JB5	145	1		144	438
MATTIS AVE.	02-PR-JB5	02-PR-A14	5	1	9		39
MATTIS AVE.	02-PR-JB5	02-PR-JB6	165	1	164		498
MATTIS AVE.	02-PR-JB6	02-PR-A13	5	1	9		39
MATTIS AVE.	02-PR-JB6	02-PR-JB7	145	1	144		438
MATTIS AVE.	02-PR-JB7	02-PR-A12	5	1	9		39
MATTIS AVE.	02-PR-JB7	02-PR-JB8	145	1	144		438
MATTIS AVE.	02-PR-JB8	02-PR-A11	5	1	9		39
MATTIS AVE.	02-PR-JB8	02-PR-JB9	145	1	144		438
MATTIS AVE.	02-PR-JB9	02-PR-A10	5	1	9		39
MATTIS AVE.	02-PR-JB9	02-PR-JB10	145	1	144		438
MATTIS AVE.	02-PR-JB10	02-PR-A9	5	1	9		39
MATTIS AVE.	02-PR-JB10	02-PR-JB11	145	1	144		438
MATTIS AVE.	02-PR-JB11	02-PR-A8	5	1	9		39
MATTIS AVE.	02-PR-JB11	02-PR-JB12	145	1	144		438
MATTIS AVE.	02-PR-JB12	02-PR-A7	5	1	9		39
MATTIS AVE.	02-PR-JB12	02-PR-JB13	145	1	144		438
MATTIS AVE.	02-PR-JB13	02-PR-A6	5	1	9		39
MATTIS AVE.	02-PR-JB13	02-PR-JB14	145	1		144	438
MATTIS AVE.	02-PR-JB14	02-PR-A5	5	1	9		39
MATTIS AVE.	02-PR-JB14	02-PR-JB15	145	1	144		438
MATTIS AVE.	02-PR-JB15	02-PR-A4	5	1	9		39
MATTIS AVE.	02-PR-JB15	02-PR-JB16	145	1	144		438
MATTIS AVE.	02-PR-JB16	02-PR-A3	5	1	9		39
MATTIS AVE.	02-PR-JB16	02-PR-JB17	145	1	144		438
MATTIS AVE.	02-PR-JB17	02-PR-A2	5	1	9		39
MATTIS AVE.	02-PR-JB17	02-PR-JB18	145	1	144		438
MATTIS AVE.	02-PR-JB18	02-PR-A1	5	1	9		39
SUB-TOTALS:					2307	288	8103

LIGHTING CONDUIT AND CABLE SCHEDULE													81028350	81028750	81702130
LOCATION													UNDERGROUND CONDUIT, PVC, 2" DIA.	UNDERGROUND CONDUIT, COILABLE NONMETALLIC CONDUIT, 2" DIA.	ELECTRIC CABLE IN CONDUIT, 600V (XLP/USE) 1/C NO. 6
													FOOT	FOOT	FOOT
MATTIS AVE.	02-PR-JB18	02-PR-GJCC	72	2										142	432
MATTIS AVE.	02-PR-GJCC	PR CONT 02	10	4									56		0
MATTIS AVE.	02-PR-JB18	02-PR-JB19	145	1									144		438
MATTIS AVE.	02-PR-JB19	02-PR-B1	5	1									9		39
MATTIS AVE.	02-PR-JB19	02-PR-JB20	220	1										219	663
MATTIS AVE.	02-PR-JB20	02-PR-JB21	45	1										44	138
MATTIS AVE.	02-PR-JB21	02-PR-B2	5	1									9		39
MATTIS AVE.	02-PR-JB21	02-PR-JB22	140	1									139		423
MATTIS AVE.	02-PR-JB22	02-PR-B3	5	1									9		39
MATTIS AVE.	02-PR-JB22	02-PR-JB23	140	1									139		423
MATTIS AVE.	02-PR-JB23	02-PR-B4	5	1									9		39
MATTIS AVE.	02-PR-JB23	02-PR-JB24	140	1									139		423
MATTIS AVE.	02-PR-JB24	02-PR-B5	5	1									9		39
MATTIS AVE.	02-PR-JB24	02-PR-JB25	140	1									139		423
MATTIS AVE.	02-PR-JB25	02-PR-B6	5	1									9		39
MATTIS AVE.	02-PR-JB25	02-PR-JB26	155	1									154		468
MATTIS AVE.	02-PR-JB26	02-PR-B7	5	1									9		39
MATTIS AVE.	02-PR-JB26	02-PR-JB27	140	1									139		423
MATTIS AVE.	02-PR-JB27	02-PR-B8	5	1									9		39
MATTIS AVE.	02-PR-JB27	02-PR-JB28	30	1										29	93
MATTIS AVE.	02-PR-JB28	02-PR-JB29	210	1									209		633
MATTIS AVE.	02-PR-JB29	02-PR-JB30	125	1										124	378
MATTIS AVE.	02-PR-JB30	02-PR-JB31	30	1										29	93
MATTIS AVE.	02-PR-JB31	02-PR-B9	5	1									9		39
MATTIS AVE.	02-PR-JB31	02-PR-JB32	125	1									124		378
MATTIS AVE.	02-PR-JB32	02-PR-B10	5	1									9		39
MATTIS AVE.	02-PR-JB32	02-PR-JB33	125	1									124		378
MATTIS AVE.	02-PR-JB33	02-PR-B11	5	1									9		39
MATTIS AVE.	02-PR-JB33	02-PR-JB34	125	1									124		378
MATTIS AVE.	02-PR-JB34	02-PR-B12	5	1									9		39
MATTIS AVE.	02-PR-JB34	02-PR-JB35	125	1									124		378
MATTIS AVE.	02-PR-JB35	02-PR-B13	5	1									9		39
SUB-TOTAL S:													1871	587	7470
TOTAL:													4178	875	15573
USE:													4178	875	15573



USER NAME = Nick.Burris	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 0.1667' / in.	CHECKED -	REVISED -
PLOT DATE = 10/1/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

LIGHTING SCHEDULES

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7159	19-000314-00-PV	CHAMPAIGN	197	94
		CONTRACT NO. 91642		
		ILLINOIS FED. AID PROJECT		

MODEL: Gen-03
FILE: Jdavis_X:\Production\Files\2021\421-1003\Departments\TEP\Analysis\Lighting Design\21-1885 Mattis Ave - sht-genote.dgn

LIGHTING JUNCTION BOX AND POLE SCHEDULE												
STRUCTURE NO.	STA	LT/RT	80400100	81500120	83007300	83600352	83800650	X8130110	X8212031	X8212032	X8250505	X8300001
			ELECTRIC SERVICE INSTALLATION	GULFBOX JUNCTION, COMPOSITE CONCRETE	LIGHT POLE, ALUMINUM, 35 FT. M.H., 8 FT. MA ST ARM	LIGHT POLE FOUNDATION, METAL, 11 1/2" BOLT CIRCLE, 8 5/8" X 6"	BREAKAWAY DEVICE, COUPLING WITH STAINLESS STEEL SCREEN	JUNCTION BOX (SPECIAL)	LUMINAIRE, TYPE A (SPECIAL)	LUMINAIRE, TYPE B (SPECIAL)	LIGHTING CONTROLLER (SPECIAL)	LIGHT POLE (SPECIAL)
			EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH
SOUTH MATTIS AVE												
02-PR-A118	4+97.5	35.2' LT			1	1	4		1			
02-PR-JB1	-	-						1				
02-PR-A17	6+05.6	33.6' LT			1	1	4		1			
02-PR-JB2	-	-						1				
02-PR-A16	7+38.3	29.4' LT			1	1	4		1			
02-PR-JB3	-	-						1				
02-PR-A15	8+77.5	29.4' LT			1	1	4		1			
02-PR-JB4	-	-						1				
02-PR-A14	10+17.1	29.4' LT			1	1	4		1			
02-PR-JB5	-	-						1				
02-PR-A13	11+55.8	29.4' LT			1	1	4		1			
02-PR-JB6	-	-						1				
02-PR-A12	12+95.8	29.4' LT			1	1	4		1			
02-PR-JB7	-	-						1				
02-PR-A11	14+35.8	29.4' LT			1	1	4		1			
02-PR-JB8	-	-						1				
02-PR-A10	15+78.2	29.4' LT			1	1	4		1			
02-PR-JB9	-	-						1				
02-PR-A9	17+15.8	29.4' LT			1	1	4		1			
02-PR-JB10	-	-						1				
02-PR-A8	18+55.8	29.4' LT			1	1	4		1			
02-PR-JB11	-	-						1				
02-PR-A7	19+95.8	29.4' LT			1	1	4		1			
02-PR-JB12	-	-						1				
02-PR-A6	21+35.6	29.4' LT			1	1	4		1			
02-PR-JB13	-	-						1				
02-PR-A5	22+75.0	29.4' LT			1	1	4		1			
02-PR-JB14	-	-						1				
02-PR-A4	24+15.9	29.4' LT			1	1	4		1			
02-PR-JB15	-	-						1				
02-PR-A3	25+55.9	29.4' LT			1	1	4		1			
02-PR-JB16	-	-						1				
02-PR-A2	26+95.9	29.4' LT			1	1	4		1			
02-PR-JB17	-	-						1				
02-PR-A1	28+35.9	29.4' LT			1	1	4		1			
02-PR-JB18	-	-						1				
02-PR-GJCC	-	-		1				1				
PR CONT 02	28+52.2	41.5' RT									1	
SUB-TOTALS:			0	1	18	18	72	19	18	0	1	0

LIGHTING JUNCTION BOX AND POLE SCHEDULE												
STRUCTURE NO.	STA	L T/R T	80400100	81500120	83007300	83600352	83800650	X8130110	X8212031	X8212032	X8250505	X8300001
			ELECTRIC SERVICE INSTALLATION	GULFBOX JUNCTION, COMPOSITE CONCRETE	LIGHT POLE, ALUMINUM, 35 FT. M.H., 8 FT. MA ST ARM	LIGHT POLE FOUNDATION, METAL, 11 1/2" BOLT CIRCLE, 8 5/8" X 6'	BREAKAWAY DEVICE, COUPLING WITH STAINLESS STEEL SCREEN	JUNCTION BOX (SPECIAL)	LUMINAIRE, TYPE A (SPECIAL)	LUMINAIRE, TYPE B (SPECIAL)	LIGHTING CONTROLLER (SPECIAL)	LIGHT POLE (SPECIAL)
			EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH
SOUTH MATTIS AVE												
PRELEC SERV 02	28+52.2	41.5' RT	1									
02-PR-B1	29+75.3	29.4' LT			1	1	4		1			
02-PR-JB19	-	-						1				
02-PR-JB20	-	-						1				
02-PR-JB21	-	-						1				
02-PR-B2	32+12.6	0.7' RT				1	4			2		1
02-PR-JB22	-	-						1				
02-PR-B3	33+47.6	0.2' LT				1	4			2		1
02-PR-JB23	-	-						1				
02-PR-B4	34+82.6	0.2' LT				1	4			2		1
02-PR-JB24	-	-						1				
02-PR-B5	36+17.6	0.2' LT				1	4			2		1
02-PR-JB25	-	-						1				
02-PR-B6	37+53.2	0.2' LT				1	4			2		1
02-PR-JB26	-	-						1				
02-PR-B7	38+87.6	0.2' LT				1	4			2		1
02-PR-JB27	-	-						1				
02-PR-B8	40+22+6	0.8' LT				1	4			2		1
02-PR-JB27	-	-						1				
02-PR-JB28	-	-						1				
02-PR-JB29	-	-						1				
02-PR-JB30	-	-						1				
02-PR-JB31	-	-						1				
02-PR-B9	43+46.4	0.3' LT				1	4			2		1
02-PR-JB32	-	-						1				
02-PR-B10	44+66.4	0.3' LT				1	4			2		1
02-PR-JB33	-	-						1				
02-PR-B11	45+86.4	0.4' LT				1	4			2		1
02-PR-JB34	-	-						1				
02-PR-B12	47+06.4	0.5' LT				1	4			2		1
02-PR-JB35	-	-						1				
02-PR-B13	48+26.4	0.5' LT				1	4			2		1
SUB-TOTALS:			1	0	1	13	52	18	1	24	0	12
TOTAL:			1	1	19	31	124	37	19	24	1	12
USE:			1	1	19	31	124	37	19	24	1	12
*NOTE: STATION AND OFFSET INFORMATION NOT PROVIDED FOR PROPOSED JUNCTION BOXES, AS THE ROUTING OF PROPOSED ELECTRICAL CIRCUITS AND LOCATIONS OF PROPOSED JUNCTION BOXES SHOWN ON THE PLAN SHEET ARE SCHEMATIC, AND THEREFORE MAY REQUIRE FIELD ADJUSTMENTS. THE PROPOSED CIRCUIT AND JUNCTION BOX LOCATIONS MAY BE ADJUSTED, AS NECESSARY, DUE TO THE PRESENCE OF EXISTING UTILITIES, OTHER ABOVE/BELOW GROUND APPURTENANCES, OR												



USER NAME = Nick.Burrus	DESIGNED -	REVISED -
PLOT SCALE = 0.1667 ' / in.	DRAWN -	REVISED -
PLOT DATE = 10/1/2025	CHECKED -	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

LIGHTING SCHEDULES

SCALE: SHEET 2 OF 3 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7159	19-000314-00-PV	CHAMPAIGN	197	95
		CONTRACT NO. 91642		
		ILLINOIS	FED. AID PROJECT	

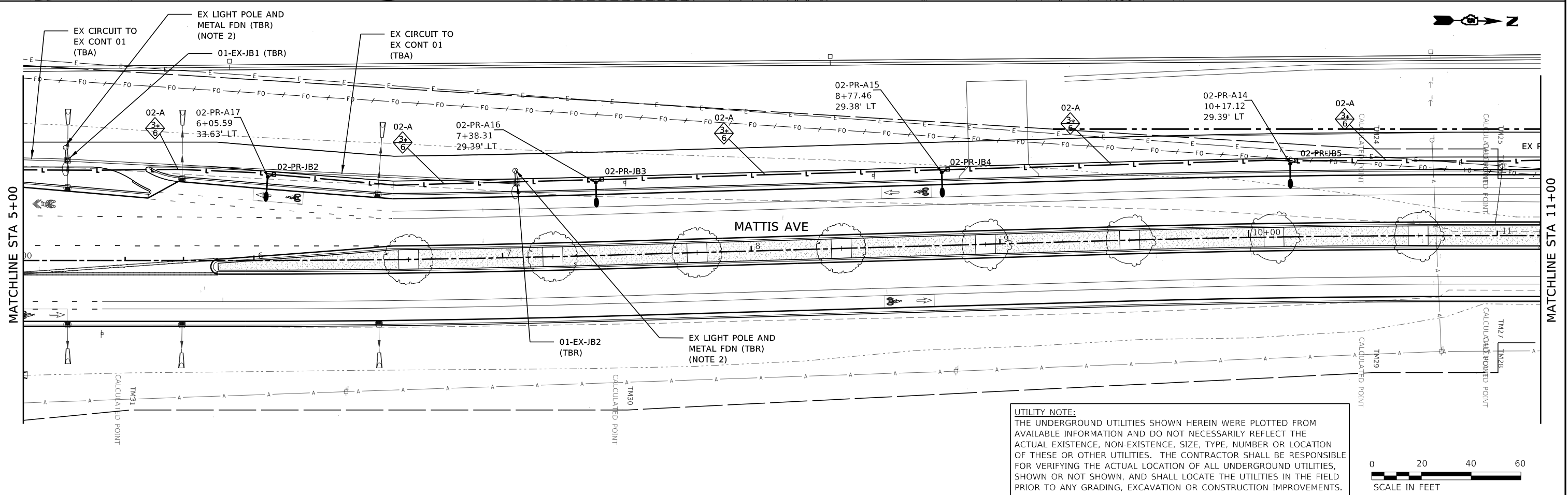
CONTRACTOR SHALL ENSURE DENOTED EXISTING CIRCUIT CONNECTING TO EXISTING LIGHTING CONTROLLER 01 AT THE INTERSECTION OF CURTIS ROAD AND MATTIS AVENUE IS PROTECTED THROUGHOUT THE COURSE OF CONSTRUCTION. PRIOR TO CONSTRUCTION ACTIVITIES TAKING PLACE, THE CONTRACTOR SHALL VERIFY THE FUNCTIONALITY OF THE DENOTED EXISTING CIRCUIT, AND NOTIFY THE CITY OF URBANA ELECTRICAL SUPERVISOR (MR. JOHN ROSE -217.403.4700) OF ANY EVIDENT EXISTING DEFICIENCIES.

DENOTED EXISTING LIGHT POLE TO BE REMOVED SHALL BE SALVAGED. REFER TO SPECIAL PROVISIONS FOR ADDITIONAL INFORMATION.

THE PROPOSED ROUTING OF PROPOSED ELECTRICAL CIRCUITS AND LOCATIONS OF PROPOSED JUNCTION BOXES SHOWN ON THE PLAN SHEET ARE SCHEMATIC, AND THEREFORE MAY REQUIRE FIELD ADJUSTMENTS. THE PROPOSED CIRCUIT AND JUNCTION BOX LOCATIONS MAY BE ADJUSTED, AS NECESSARY, DUE TO THE PRESENCE OF EXISTING UTILITIES, OTHER ABOVE/BELOW GROUND APPURTENANCES, OR TOPOGRAPHY.

LIGHT POLE LOCATIONS MAY BE ADJUSTED IN THE FIELD, IF NECESSARY, DUE TO THE PRESENCE OF EXISTING UTILITIES, OTHER ABOVE/BELOW GROUND APPURTENANCES, OR TOPOGRAPHY; HOWEVER, THE CONTRACTOR SHALL COORDINATE FINAL LOCATIONS OF ALL LIGHT POLE FOUNDATIONS WITH THE CITY OF CHAMPAIGN'S PROJECT CONSTRUCTION REPRESENTATIVE AFTER ALL UTILITIES HAVE BEEN FIELD LOCATED AND/OR EXPOSED. CONTRACTOR SHALL ENSURE ALL PROPOSED FOUNDATIONS ARE INSTALLED IN LOCATIONS THAT WILL PROVIDE NO LESS THAN 3 FT. SEPARATION BETWEEN BACK OF CURB AND CENTER OF THE PROPOSED LIGHT POLE, UNLESS OTHERWISE DIRECTED BY THE ENGINEER.

DENOTED LUMINAIRE ARM ASSEMBLY SHALL BE FURNISHED AND INSTALLED BY AMEREN ILLINOIS.



UTILITY NOTE:
THE UNDERGROUND UTILITIES SHOWN HEREIN WERE PLOTTED FROM AVAILABLE INFORMATION AND DO NOT NECESSARILY REFLECT THE ACTUAL EXISTENCE, NON-EXISTENCE, SIZE, TYPE, NUMBER OR LOCATION OF THESE OR OTHER UTILITIES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THE ACTUAL LOCATION OF ALL UNDERGROUND UTILITIES, SHOWN OR NOT SHOWN, AND SHALL LOCATE THE UTILITIES IN THE FIELD PRIOR TO ANY GRADING, EXCAVATION OR CONSTRUCTION IMPROVEMENTS.



USER NAME = Nick.Burrus	DESIGNED - NMN	REVISED -
MODEL NAME - 01 PLANS	DRAWN - BA5	REVISED -
PLOT SCALE = 40,0000 ' / in.	CHECKED - TWK	REVISED -
PLOT DATE = 10/1/2025	DATE -	REVISED -

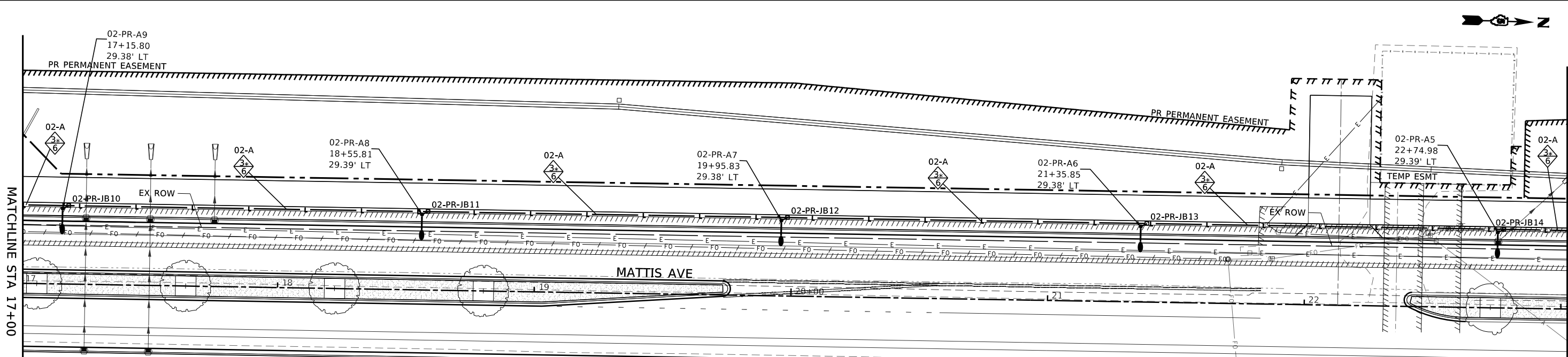
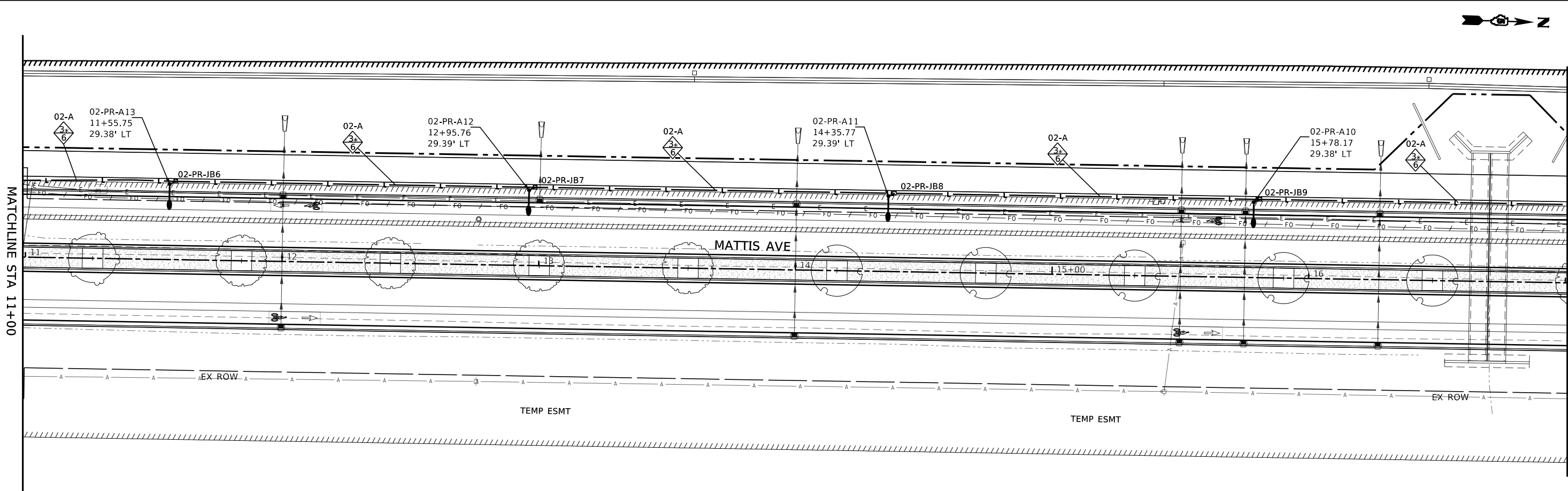
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**LIGHTING PLANS
SOUTH MATTIS AVENUE**

SCALE: 1"=20'	SHEET 1 OF 5 SHEETS	STA. 0+00.00 TO STA. 11+00.00
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F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7159	19-000314-00-PV	CHAMPAIGN	197	96
		CONTRACT NO. 91642		
ILLINOIS		FED. AID PROJECT		

MODEL: 01 PLANS
FILE NAME: X:\Production\Files\2021\421-1003\Departments\TEP\Analysis\Lighting Design\Lighting Plan Sheets.dgn



GENERAL NOTES (THIS SHEET):

1. THE PROPOSED ROUTING OF PROPOSED ELECTRICAL CIRCUITS AND LOCATIONS OF PROPOSED JUNCTION BOXES SHOWN ON THE PLAN SHEET ARE SCHEMATIC, AND THEREFORE MAY REQUIRE FIELD ADJUSTMENTS. THE PROPOSED CIRCUIT AND JUNCTION BOX LOCATIONS MAY BE ADJUSTED, AS NECESSARY, DUE TO THE PRESENCE OF EXISTING UTILITIES, OTHER ABOVE/BELOW GROUND APPURTENANCES, OR TOPOGRAPHY.
2. LIGHT POLE LOCATIONS MAY BE ADJUSTED IN THE FIELD, IF NECESSARY, DUE TO THE PRESENCE OF EXISTING UTILITIES, OTHER ABOVE/BELOW GROUND APPURTENANCES, OR TOPOGRAPHY; HOWEVER, THE CONTRACTOR SHALL COORDINATE FINAL LOCATIONS OF ALL LIGHT POLE FOUNDATIONS WITH THE CITY OF CHAMPAIGN'S PROJECT CONSTRUCTION REPRESENTATIVE AFTER ALL UTILITIES HAVE BEEN FIELD LOCATED AND/OR EXPOSED. CONTRACTOR SHALL ENSURE ALL PROPOSED FOUNDATIONS ARE INSTALLED IN LOCATIONS THAT WILL PROVIDE NO LESS THAN 3 FT. SEPARATION BETWEEN BACK OF CURB AND CENTER OF THE PROPOSED LIGHT POLE, UNLESS OTHERWISE DIRECTED BY THE ENGINEER.

UTILITY NOTE:
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MODEL: 02 PLANS
FILE NAME: X:\Production\Files\2021\21-1003\Departments\TEP\Analysis\Lighting Plan Sheets.dgn



USER NAME = Nick.Burris
MODEL NAME = 02 PLANS
PLOT SCALE = 40.0000 ' / in.
PLOT DATE = 10/1/2025

DESIGNED - NMN
DRAWN - BAS
CHECKED - TWK
DATE -

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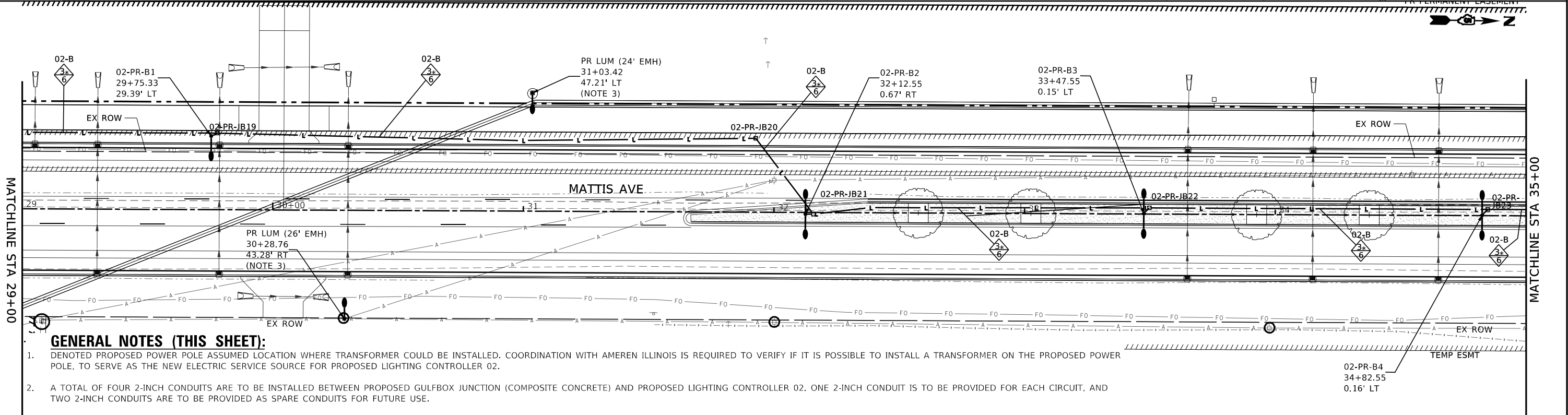
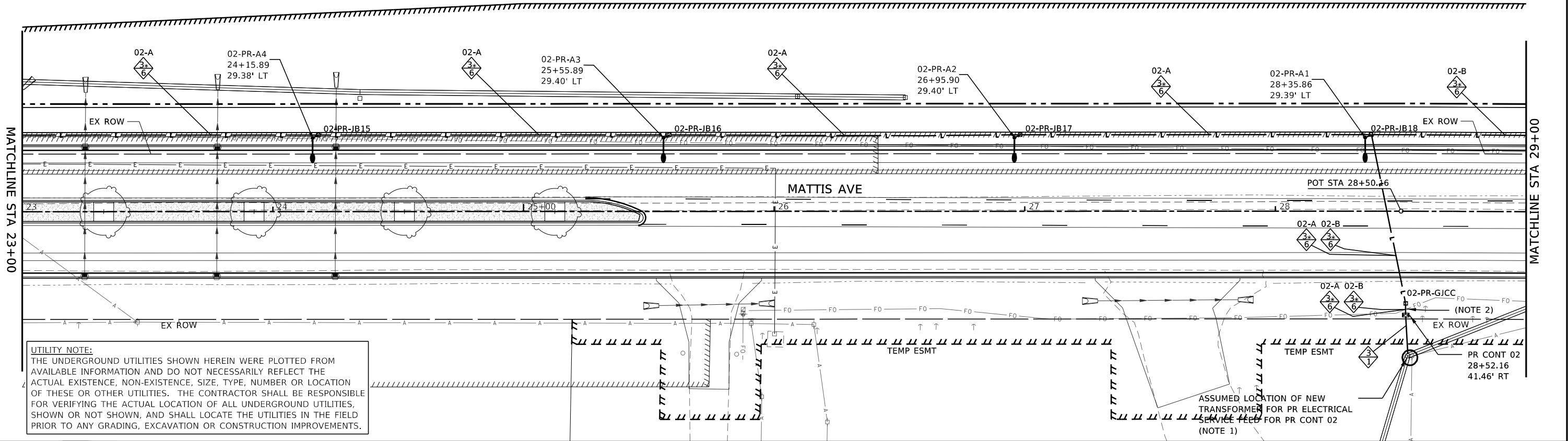
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

LIGHTING PLANS
SOUTH MATTIS AVENUE

SCALE: 1"=20' SHEET 2 OF 5 SHEETS STA. 11+00.00 TO STA. 23+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7159	19-000314-00-PV	CHAMPAIGN	197	97
CONTRACT NO. 91642				
ILLINOIS FED. AID PROJECT				

MODEL: 03 plans
FILE: 14462_X:\Production\Files\2021\421-1003\Departments\TEP\Analysis\Lighting Plan_Sheets.dgn



GENERAL NOTES (THIS SHEET):

1. DENOTED PROPOSED POWER POLE ASSUMED LOCATION WHERE TRANSFORMER COULD BE INSTALLED. COORDINATION WITH AMEREN ILLINOIS IS REQUIRED TO VERIFY IF IT IS POSSIBLE TO INSTALL A TRANSFORMER ON THE PROPOSED POWER POLE, TO SERVE AS THE NEW ELECTRIC SERVICE SOURCE FOR PROPOSED LIGHTING CONTROLLER 02.
2. A TOTAL OF FOUR 2-INCH CONDUITS ARE TO BE INSTALLED BETWEEN PROPOSED GULFBOX JUNCTION (COMPOSITE CONCRETE) AND PROPOSED LIGHTING CONTROLLER 02. ONE 2-INCH CONDUIT IS TO BE PROVIDED FOR EACH CIRCUIT, AND TWO 2-INCH CONDUITS ARE TO BE PROVIDED AS SPARE CONDUITS FOR FUTURE USE.
3. DENOTED LUMINAIRE ARM ASSEMBLY SHALL BE FURNISHED AND INSTALLED BY AMEREN ILLINOIS.
4. THE PROPOSED ROUTING OF PROPOSED ELECTRICAL CIRCUITS AND LOCATIONS OF PROPOSED JUNCTION BOXES SHOWN ON THE PLAN SHEET ARE SCHEMATIC, AND THEREFORE MAY REQUIRE FIELD ADJUSTMENTS. THE PROPOSED CIRCUIT AND JUNCTION BOX LOCATIONS MAY BE ADJUSTED, AS NECESSARY, DUE TO THE PRESENCE OF EXISTING UTILITIES, OTHER ABOVE/BELOW GROUND APPURTENANCES, OR TOPOGRAPHY.
5. LIGHT POLE LOCATIONS MAY BE ADJUSTED IN THE FIELD, IF NECESSARY, DUE TO THE PRESENCE OF EXISTING UTILITIES, OTHER ABOVE/BELOW GROUND APPURTENANCES, OR TOPOGRAPHY; HOWEVER, THE CONTRACTOR SHALL COORDINATE FINAL LOCATIONS OF ALL LIGHT POLE FOUNDATIONS WITH THE CITY OF CHAMPAIGN'S PROJECT CONSTRUCTION REPRESENTATIVE AFTER ALL UTILITIES HAVE BEEN FIELD LOCATED AND/OR EXPOSED. CONTRACTOR SHALL ENSURE ALL PROPOSED FOUNDATIONS ARE INSTALLED IN LOCATIONS THAT WILL PROVIDE NO LESS THAN 3 FT. SEPARATION BETWEEN BACK OF CURB AND CENTER OF THE PROPOSED LIGHT POLE, UNLESS OTHERWISE DIRECTED BY THE ENGINEER.



SCALE IN FEET



USER NAME = Nick.Burris
MODEL NAME = 03 PLANS
PLOT SCALE = 40.0000 ' / in.
PLOT DATE = 10/1/2025

DESIGNED - NMN
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DATE -

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

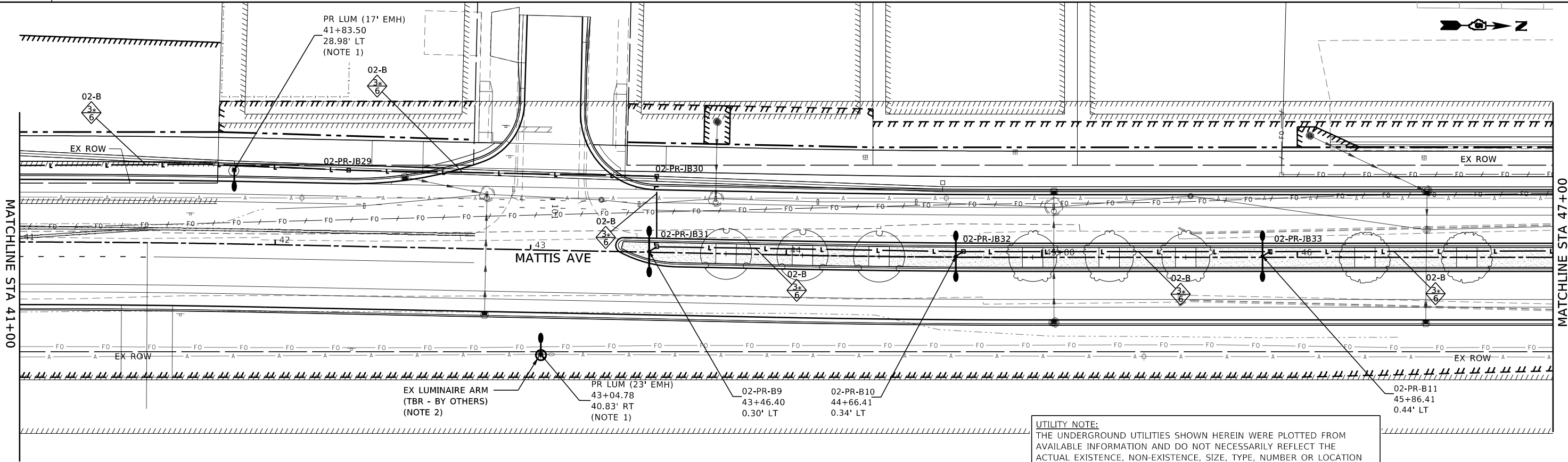
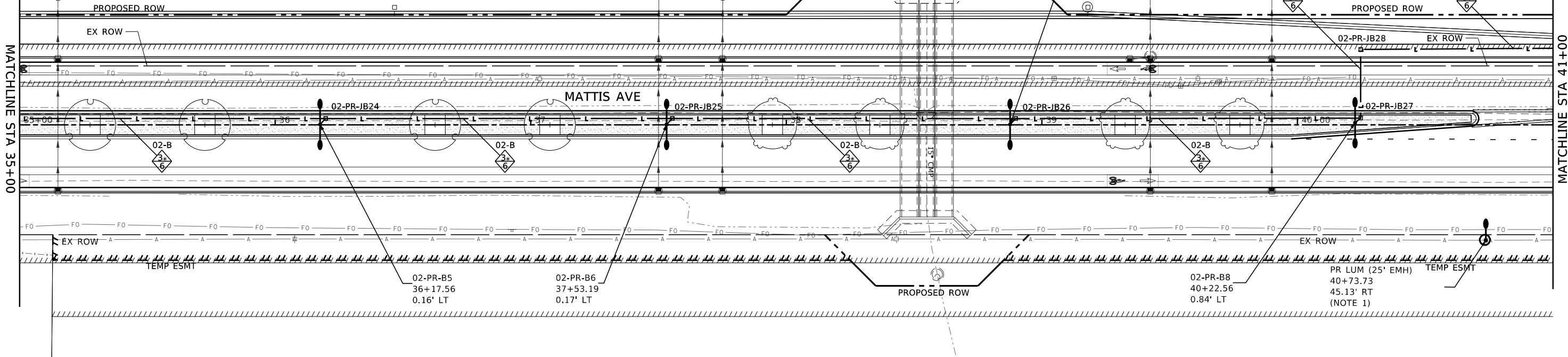
LIGHTING PLANS
SOUTH MATTIS AVENUE

SCALE: 1"=20' SHEET 3 OF 5 SHEETS STA. 23+00.00 TO STA. 35+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7159	19-000314-00-PV	CHAMPAIGN	197	98
CONTRACT NO. 91642				
ILLINOIS FED. AID PROJECT				

GENERAL NOTES (THIS SHEET):

1. DENOTED PROPOSED LUMINAIRE ARM ASSEMBLY SHALL BE FURNISHED AND INSTALLED BY AMEREN ILLINOIS.
2. DENOTED EXISTING LUMINAIRE ARM ASSEMBLY SHALL BE REMOVED BY AMEREN ILLINOIS.
3. THE PROPOSED ROUTING OF PROPOSED ELECTRICAL CIRCUITS AND LOCATIONS OF PROPOSED JUNCTION BOXES SHOWN ON THE PLAN SHEET ARE SCHEMATIC, AND THEREFORE MAY REQUIRE FIELD ADJUSTMENTS. THE PROPOSED CIRCUIT AND JUNCTION BOX LOCATIONS MAY BE ADJUSTED, AS NECESSARY, DUE TO THE PRESENCE OF EXISTING UTILITIES, OTHER ABOVE/BELOW GROUND APPURTENANCES, OR TOPOGRAPHY.
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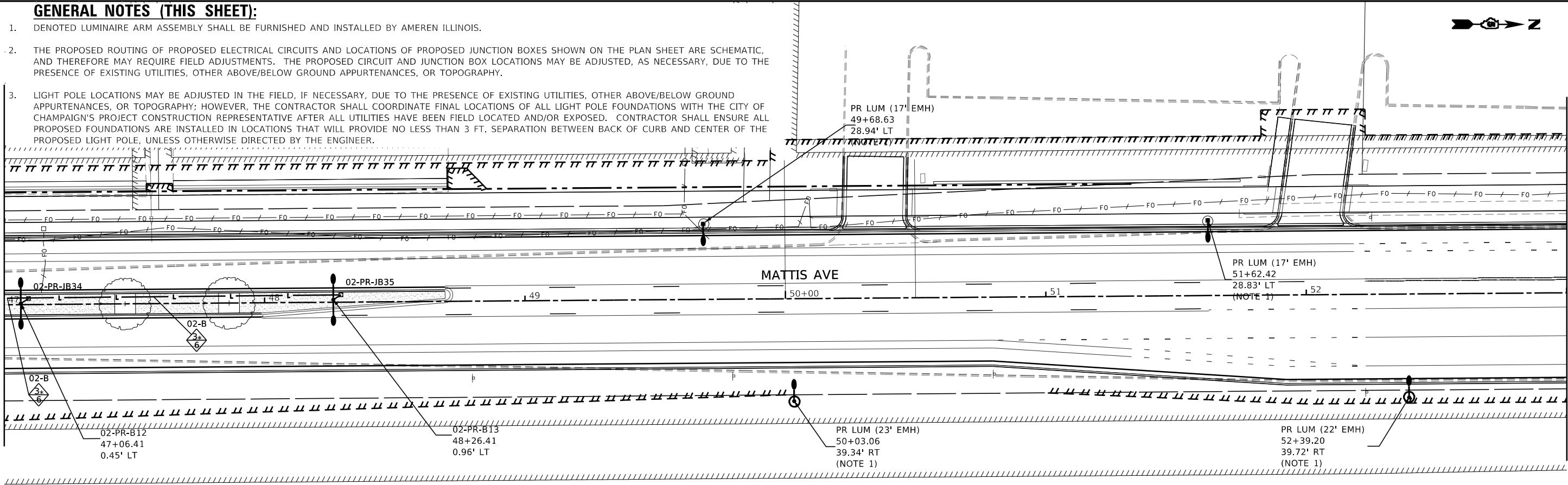


 LOCHMUELLER GROUP 201 West Springfield Avenue, Suite 1012 Champaign, IL 61820 PHONE: 217.612.7633	USER NAME = Nick.Burris		DESIGNED - NMN	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	LIGHTING PLANS SOUTH MATTIS AVENUE		F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	MODEL NAME = 04 PLANS		DRAWN - BAS	REVISED -		SCALE: 1"=20'		7159	19-000314-00-PV	CHAMPAIGN	197	99
	PLOT SCALE = 40.0000' / in.		CHECKED - TWK	REVISED -		SHEET 4 OF 5 SHEETS		CONTRACT NO. 91642				
	PLOT DATE = 10/1/2025		DATE -	REVISED -		STA. 35+00.00 TO STA. 47+00.00		ILLINOIS / FED. AID PROJECT				

GENERAL NOTES (THIS SHEET):

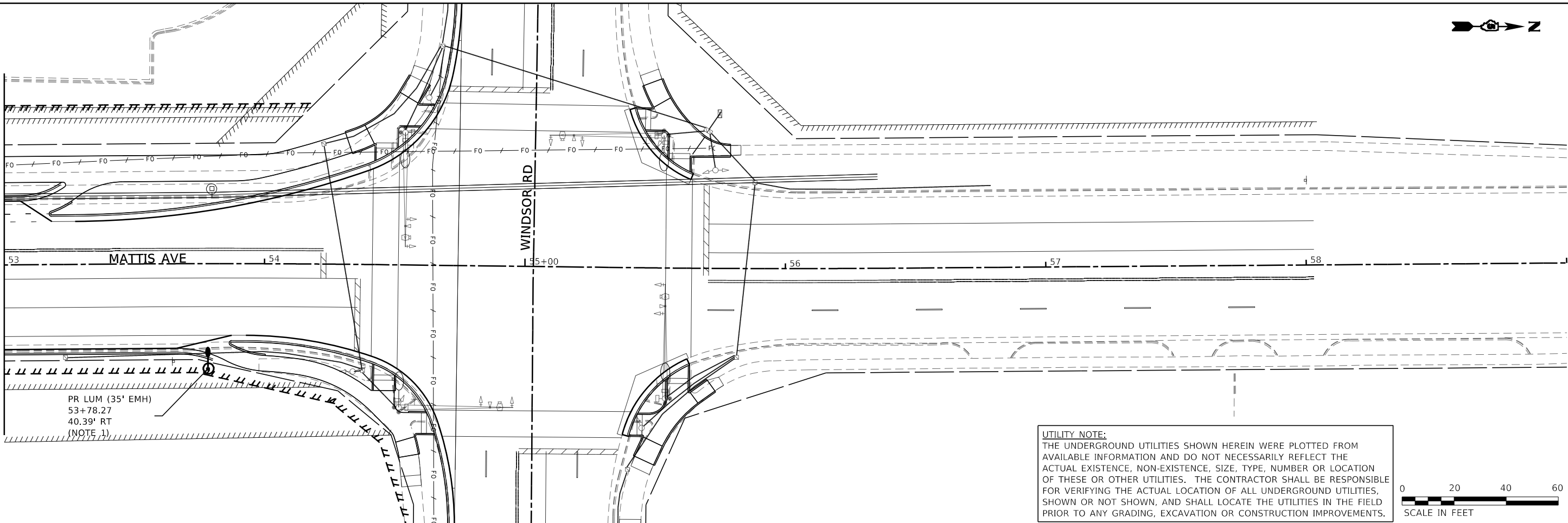
1.
2.
3.
1. DENOTED LUMINAIRE ARM ASSEMBLY SHALL BE FURNISHED AND INSTALLED BY AMEREN ILLINOIS.
2. THE PROPOSED ROUTING OF PROPOSED ELECTRICAL CIRCUITS AND LOCATIONS OF PROPOSED JUNCTION BOXES SHOWN ON THE PLAN SHEET ARE SCHEMATIC, AND THEREFORE MAY REQUIRE FIELD ADJUSTMENTS. THE PROPOSED CIRCUIT AND JUNCTION BOX LOCATIONS MAY BE ADJUSTED, AS NECESSARY, DUE TO THE PRESENCE OF EXISTING UTILITIES, OTHER ABOVE/BELOW GROUND APPURTENANCES, OR TOPOGRAPHY.
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MATCHLINE STA 47+00



MATCHLINE STA 53+00

MATCHLINE STA 53+00



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USER NAME = Nick.Burris	DESIGNED - NMN
MODEL NAME = 05 PLANS	DRAWN - BAS
PLOT SCALE = 40.0000 ' / in.	CHECKED - TWK
PLOT DATE = 10/1/2025	DATE -

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

LIGHTING PLANS
SOUTH MATTIS AVENUE

SCALE: 1"=20' SHEET 5 OF 5 SHEETS STA. 47+00.00 TO STA. 59+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7159	19-000314-00-PV	CHAMPAIGN	197	100
				CONTRACT NO. 91642
ILLINOIS FED. AID PROJECT				