

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
332	2021-057-N	WILL ILLINOIS	110	1
CONTRACT NO. 62N88				

FOR INDEX OF SHEETS, SEE SHEET NO. 2

FOR LIST OF HIGHWAY STANDARDS, SEE SHEET NO. 2

PROJECT IS LOCATED IN THE TOWNSHIP OF CRETE

TRAFFIC DATA:

IL ROUTE 394
2019 ADT = 11100

DESIGN CLASSIFICATION = PRINCIPAL ARTERIAL

DESIGN SPEED = 60 MPH (ASSUMED)

POSTED SPEED = 55 MPH

BURVILLE ROAD
2019 ADT = 2900 (EAST) 3100 (WEST)

DESIGN CLASSIFICATION = MINOR COLLECTOR

DESIGN SPEED = 45 MPH (ASSUMED)

POSTED SPEED = 40 MPH

ILLINOIS ROUTE 394
AT EXCHANGE STREET
IMPROVEMENTS BEGIN
STA 529+24
IMPROVEMENTS END
STA 533+77

ILLINOIS ROUTE 394
AT BURVILLE ROAD
PROJECT BEGINS
STA 493+00
PROJECT ENDS
STA 509+00



CRETE TOWNSHIP
LOCATION MAP
NOT TO SCALE

GROSS LENGTH = 4077 FT. = 0.77 MILES
NET LENGTH = 2052 FT. = 0.39 MILES

**PROPOSED
HIGHWAY PLANS**

F.A.P. ROUTE 332 (IL-394) AT BURVILLE RD
SECTION 2021-057-N
PROJECT NO. HSIP-FFVJ(356)
INTERSECTION IMPROVEMENT
WILL COUNTY

C-91-161-21



3/17/2023

Shiraz Tarique Date
Illinois Registered Engineer No. 062-064219
Registration Expires Nov. 30, 2023



3/17/2023

Todd D. Williams Date
Illinois Registered Engineer No. 062-063451
Registration Expires Nov. 30, 2023



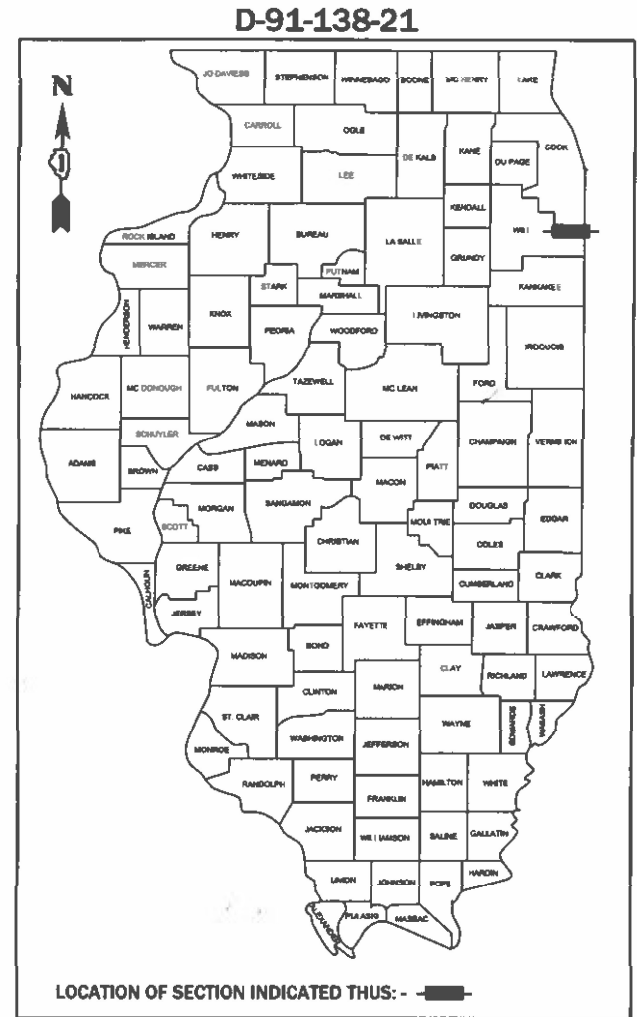
3/17/2023

Kendy Estimable Date
Illinois Registered Engineer No. 062-071404
Registration Expires Nov. 30, 2023



3/17/2023

Richard Bennett Date
Illinois Registered Engineer No. 062-073564
Registration Expires Nov. 30, 2023



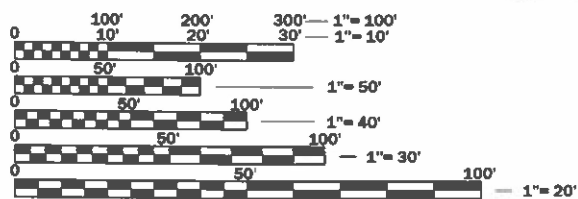
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUBMITTED March 17 2023

Jose Rios-Lora REGIONAL ENGINEER
May 12, 2023

Scott A. Etkin
ENGINEER OF DESIGN AND ENVIRONMENT
May 12, 2023

Steph M. Smith
DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION



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

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

PROJECT ENGINEER: VESELIN VELICHKOV, P.E. 847-705-4432
PROJECT MANAGER: FAWAD AQUEEL, P.E., PTOE

CONTRACT NO. 62N88

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HIGHWAY STANDARDS

000001-08	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
001006	DECIMAL OF AN INCH AND OF A FOOT
280001-07	TEMPORARY EROSION CONTROL SYSTEMS
482011-03	HMA SHLD. STRIPS/SHLDS. WITH RESURFACING OR WIDENING AND RESURFACING PROJECTS
542001-06	CONCRETE END SECTIONS FOR PIPE CULVERTS 15" (375 MM) THRU 84" (2100 MM) DIAMETER
542301-03	PRECAST REINFORCED CONCRETE FLARED END SECTION
601001-05	PIPE UNDERDRAINS
602001-02	CATCH BASIN, TYPE A
602301-04	INLET, TYPE A
602401-03	MANHOLE, TYPE A
604001-04	FRAME AND LIDS, TYPE 1
604036-03	GRATE, TYPE 8
606001-08	CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
606301-04	PC CONCRETE ISLANDS AND MEDIANS
630001-12	STEEL PLATE BEAM GUARDRAIL
630301-09	SHOULDER WIDENING FOR TYPE 1 (SPECIAL) GUARDRAIL TERMINALS
631011-10	TRAFFIC BARRIER TERMINAL, TYPE 2
635001-02	DELINEATORS
642001-03	SHOULDER RUMBLE STRIPS, 16 IN.
701011-04	OFF-ROAD MOVING OPERATIONS 2L, 2W, DAY ONLY
701101-05	OFF-ROAD OPERATIONS, MULTILANE, 15" TO 24" FROM PAVEMENT EDGE
701421-08	LANE CLOSURE, MULTILANE, DAY OPERATIONS ONLY, FOR SPEEDS GREATER OR EQUAL TO 45 MPH TO 55 MPH
701422-10	LANE CLOSURE, MULTILANE, FOR SPEEDS GREATER OR EQUAL TO 45 MPH TO 55 MPH
701701-10	URBAN LANE CLOSURE, MULTILANE INTERSECTION
701901-08	TRAFFIC CONTROL DEVICES
704001-08	TEMPORARY CONCRETE BARRIER
720001-01	SIGN PANEL MOUNTING DETAILS
720006-04	SIGN PANEL ERECTION DETAILS
725001-01	OBJECT AND TERMINAL MARKERS
728001-01	TELESCOPING STEEL SIGN SUPPORT
782001-01	CURB REFLECTORS
782006-01	GUARDRAIL AND BARRIER WALL REFLECTOR MOUNTING DETAILS

FACTORS FOR ESTIMATING PLAN QUANTITIES ARE AS FOLLOWS AND SHALL NOT BE USED FOR THE BASIS OF FINAL QUANTITIES:

AGGREGATE SHOULDERS	1.60 TONS/CU YD
NITROGEN FERTILIZER NUTRIENT	90 LB/ACRE
PHOSPHORUS FERTILIZER NUTRIENT	90 LB/ACRE
POTASSIUM FERTILIZER NUTRIENT	90 LB/ACRE
SHORT TERM PAVEMENT MARKING	10 FT/100 FT
GRANULAR MATERIAL	2.05 TONS/CU YD

GENERAL NOTES

- THE CONTRACTOR SHALL CALL "J.U.L.I.E" AT (800) 892-0123 OR 811 AT LEAST 48 HOURS PRIOR TO EXCAVATION TO DETERMINE WHICH BURIED ELECTRIC, TELEPHONE, AND GAS UTILITIES ARE IN THE AREA.
- ANY REFERENCE TO A STANDARD IN THESE PLANS SHALL BE INTERPRETED TO MEAN THE EDITION AS INDICATED BY THE SUBNUMBER SHOWN IN THE LIST OF STANDARDS OR THE COPY INCLUDED IN THESE PLANS.
- THE CONTRACTOR SHALL NOT SET UP A YARD OR FIELD OFFICE ON STATE PROPERTY WITHOUT WRITTEN PERMISSION FROM THE DEPARTMENT.
- IT SHALL BE THE CONTRACTORS RESPONSIBILITY TO VERIFY ALL DIMENSIONS AND CONDITIONS EXISTING IN THE FIELD PRIOR TO CONSTRUCTION AND ORDERING MATERIALS.
- THE CONTRACTOR SHALL COORDINATE CONSTRUCTION ACTIVITIES WITH AFFECTED UTILITY COMPANIES AND THE TOWNSHIP OF CRETE.
- THE CONTRACTOR SHALL USE CARE NEAR ANY AND ALL EXISTING ITEMS THAT WILL NOT BE REMOVED. ANY DAMAGE DONE TO EXISTING ITEMS BY THE CONTRACTOR SHALL BE REPAIRED OR REPLACED TO THE SATISFACTION OF THE ENGINEER AT THE CONTRACTOR'S OWN EXPENSE.
- DO NOT SCALE PLANS FOR CONSTRUCTION DIMENSIONS.
- THE SEEDING DATES FOR BARE EARTH SEEDING OF MIXTURE CLASS 2A SHALL BE FROM APRIL 1 TO JUNE 1 AND FROM AUGUST 15 TO SEPTEMBER 30. ALL SEEDING NOT SOWN ACCORDING TO THE SPECIFIED SEASONAL DATE SHALL REQUIRE PRIOR WRITTEN APPROVAL FROM THE ENGINEER. FAILURE TO SECURE SUCH APPROVAL SHALL RESULT IN THE REJECTION OF THE SEEDING AND REPLACEMENT BY THE CONTRACTOR AT THEIR EXPENSE.
- SEEDING WILL NOT BE PERMITTED AT ANY TIME WHEN THE GROUND IS FROZEN, WET, OR IN AN UNTILLABLE CONDITION. LOCATIONS TO BE SEEDED WILL BE DETERMINED BY THE ENGINEER.
- GEOTECHNICAL FABRIC FOR GROUND STABILIZATION AND/OR AGGREGATE SUBGRADE IMPROVEMENT (CU YD) HAVE BEEN PROVIDED FOR USE AT THE LOCATIONS INDICATED FOR SOILS THAT TEND TO BE UNSTABLE AND/OR UNSUITABLE. THE ACTUAL NEED FOR REMOVAL AND REPLACEMENT WITH ABOVE ITEM WILL BE DETERMINED IN THE FIELD AT THE TIME OF CONSTRUCTION BY THE GEOTECHNICAL ENGINEER. ALL POTENTIALLY UNSTABLE SOILS SHOULD BE TESTED WITH A STATIC OR DYNAMIC CONE PENETROMETER AND TREATED IN ACCORDANCE WITH ARTICLE 301.04 OF THE SSRBC AND IDOT SUBGRADE STABILITY MANUAL. IF UNSTABLE AND/OR UNSUITABLE SOILS ARE NOT ENCOUNTERED, THEN THE QUANTITY SHALL BE DEDUCTED AND NO ADDITIONAL COMPENSATION WILL BE DUE TO THE CONTRACTOR.
- THE STRIPPED TOPSOIL SHALL BE STOCKPILED, SORTED, AND REUSED FOR THE PROPOSED LANDSCAPING IMPROVEMENTS. THE ACTUAL REMOVAL DEPTH AND QUANTITY OF TOPSOIL REMOVAL SHALL BE VERIFIED IN THE FIELD.
- DURING CONSTRUCTION OPERATIONS, IF ANY LOOSE MATERIAL IS DEPOSITED IN THE FLOW LINE OF DRAINAGE STRUCTURES SUCH THAT THE NATURAL FLOW OF WATER IS OBSTRUCTED, THE MATERIAL SHALL BE REMOVED AT THE CLOSE OF EACH WORKDAY, AT THE CONCLUSION OF CONSTRUCTION OPERATIONS, ALL UTILITY STRUCTURES SHALL BE FREE FROM DUST AND DEBRIS. THE WORK SPECIFIED ABOVE WILL NOT BE PAID SEPARATELY BUT SHALL BE INCLUDED IN THE COST OF THE CONTRACT.
- THE SUBGRADE STABILITY SHALL BE VERIFIED BY PROOF ROLLING WITH A FULL LOADED TANDEM AXLE TRUCK.
- ANY AGGREGATE SUBGRADE IMPROVEMENT CONTAMINATED AND/OR DAMAGED BY THE CONTRACTORS VEHICLES AND/OR EQUIPMENT IS TO BE REMOVED AND REPLACED AS DIRECTED BY THE ENGINEER AT THE CONTRACTOR'S EXPENSE.
- THE LONGITUDINAL JOINT SEALANT SHALL BE PLACED OVER THE POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-4.75, N50.
- THE THICKNESS OF HMA SHOWN ON THE PLANS IS THE NOMINAL THICKNESS. DEVIATIONS FROM THE NOMINAL THICKNESS WILL BE PERMITTED WHEN SUCH DEVIATIONS OCCUR DUE TO IRREGULARITIES IN THE EXISTING SURFACE OR BASE ON WHICH THE HMA IS PLACED.
- ALL DRAINAGE STRUCTURE LOCATIONS MUST BE FIELD VERIFIED BY THE CONTRACTOR PRIOR TO BEGINNING CONSTRUCTION.
- PIPE UNDERDRAINS SHALL BE INSTALLED ACCORDING TO SECTION 601 OF THE SSRBC AND STANDARD 601001-05. TOP OF PIPE UNDERDRAINS SHALL BE PLACED MINIMUM 6" BELOW THE AGGREGATE SUBGRADE IMPROVEMENT LAYER. THE COST OF MAKING PIPE UNDERDRAINS CONNECTIONS TO DRAINAGE STRUCTURES SHALL BE INCLUDED IN THE COST OF THE PIPE UNDERDRAINS.
- BACKFILLING STORM SEWER CONSTRUCTED UNDER THE ROADWAY SPECIFIED UNDER ART. 550.07(b, c) OF THE SSRBC WILL NOT BE ALLOWED.
- THE CONTRACTOR SHALL CONTRACT THE DISTRICT ONE TRAFFIC CONTROL SUPERVISOR AT (847) 705-4155 AND ARTERIAL TRAFFIC CONTROL SUPERVISOR AT KALPANA.KANNAN-HOSADURGA@ILLINOIS.GOV A MINIMUM OF 72 HOURS IN ADVANCE OF BEGINNING ANY WORK.
- THE CONTRACTOR SHALL MAINTAIN ALL ROADWAYS OPEN TO TRAFFIC AS SHOWN ON THE MAINTENANCE OF TRAFFIC PLANS.
- THE RESIDENT ENGINEER SHALL CONTACT THE AREA TRAFFIC FIELD ENGINEER, ERIC CAMPOS, VIA EMAIL AT ERIC.CAMPOS@ILLINOIS.GOV AT LEAST (2) WEEKS PRIOR TO PLACING PERMANENT PAVEMENT MARKINGS.
- ANY PATCHING OF THE EXISTING PAVEMENT REQUIRED IN AREAS OF PROPOSED RESURFACING WILL BE PAID FOR AS CLASS D PATCH, 12 INCH OF THE APPLICABLE TYPE.

GENERAL NOTES (CONT.)

- BEFORE BEGINNING ANY WORK, THE CONTRACTOR SHALL RETAIN AND RECORD FOR FUTURE REFERENCE, ALL EXISTING PAVEMENT MARKING LINES AND RAISED REFLECTIVE PAVEMENT MARKERS THAT CONFLICT WITH TEMPORARY MARKINGS, IN ORDER THAT THESE LOCATIONS CAN BE RE-ESTABLISHED FOR PROPOSED STRIPING AT THE COMPLETION OF THIS CONTRACT. EXACT LOCATIONS OF ALL PROPOSED PAVEMENT MARKINGS SHALL BE DIRECTED BY THE RESIDENT ENGINEER.
- ALL DAMAGE TO EXISTING PAVEMENT MARKINGS OR RAISED REFLECTIVE PAVEMENT MARKERS OUTSIDE THE REMOVAL LINE SHOWN ON THE PLANS SHALL BE REPLACED AT NO ADDITIONAL COST TO THE DEPARTMENT.
- THE AGGREGATE GRADATION FOR THE AGGREGATE SUBGRADE IMPROVEMENT 12" LOWER LIFT SHALL BE CS 1 OR RR1".

COMMITMENTS

THE RESIDENT ENGINEER WILL CONTACT ANDREW HAWKINS AT (815) 722-9425 OR (AHAWKINS@FPDWC.ORG) OF THE FOREST PRESERVE DISTRICT OF WILL COUNTY PRIOR TO THE START OF CONSTRUCTION TO INFORM THEM OF THE INITIATION OF CONSTRUCTION ACTIVITIES NEAR THEIR PROPERTIES.

HOT- MIX ASPHALT MIXTURE REQUIREMENTS		
MIXTURE TYPE	AIR VOIDS @ NDES	QUALITY MANAGEMENT PROGRAM (QMP)
HOT-MIX ASPHALT SHOULDER, 12½"		
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", IL-9.5, N70, 1¾"	4.0% @ 70 GYR.	QC/QA
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70, 10½"	4.0% @ 70 GYR.	QC/QA
HOT-MIX ASPHALT SHOULDER, 8"		
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", IL-9.5, N70, 1¾"	4.0% @ 70 GYR.	QC/QA
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70, 6½"	4.0% @ 70 GYR.	QC/QA
ILLINOIS ROUTE 394 RESURFACING AND WIDENING AND INSIDE SHOULDER		
POLY, HMA SURFACE COURSE, SMA, 9.5, MIX "F", N80, 1¾"	3.5% @ 80 GYR.	QC/QA
POLY, HMA BINDER COURSE, IL-4.75, N50, ¾"	3.5% @ 50 GYR.	QC/QA
HOT-MIX ASPHALT BASE COURSE (HMA BINDER IL-19.0), 9¾"	4.0% @ 70 GYR.	QC/QA
HMA BASE COURSE WIDENING (HMA BINDER IL-19.0), 9¾"	4.0% @ 70 GYR.	QC/QA
BURVILLE ROAD RESURFACING AND WIDENING		
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", IL-9.5, N70, 1¾"	4.0% @ 70 GYR.	QC/QA
POLY, HMA BINDER COURSE, IL-4.75, N50, ¾"	3.5% @ 50 GYR.	QC/QA
HOT-MIX ASPHALT BASE COURSE (HMA BINDER IL-19.0), 5½"	4.0% @ 70 GYR.	QC/QA
HMA BASE COURSE WIDENING (HMA BINDER IL-19.0), 5½"	4.0% @ 70 GYR.	QC/QA
ILLINOIS ROUTE 394 & EXCHANGE ST. TURNING LANE		
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", IL-9.5, N70, 1¾"	4.0% @ 70 GYR.	QC/QA
HOT-MIX ASPHALT BASE COURSE (HMA BINDER IL-19.0), 10½"	4.0% @ 70 GYR.	QC/QA
HMA BASE COURSE WIDENING (HMA BINDER IL-19.0), 10½"	4.0% @ 70 GYR.	QC/QA
TEMPORARY PAVEMENT		
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", IL-9.5, N70, 2"	4.0% @ 70 GYR.	QC/QA
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70, 8"	4.0% @ 70 GYR.	QC/QA
PATCHING		
CLASS D PATCHES (HMA BINDER IL-19.0)	4.0% @ 70 GYR.	QC/QA
QMP DESIGNATION: QUALITY CONTROL/QUALITY ASSURANCE (QC/QA); QUALITY CONTROL FOR PERFORMANCE (QCP)		

MIXTURE TABLE NOTES

- THE UNIT WEIGHT USED TO CALCULATE ALL HOT-MIX ASPHALT SURFACE MIXTURE QUANTITIES IS 112 LBS/SQYD/IN.
- THE AC TYPE FOR POLYMERIZED HMA MIXES SHALL BE "SBS/SBR PG 76-22" AND FOR NON-POLYMERIZED HMA THE AC TYPE SHALL BE "PG 64-22" UNLESS MODIFIED BY RECLAIMED MATERIALS SPECIFICATIONS.
- PCC TEMPORARY PAVEMENT SHALL CONSIST OF CLASS PV CONCRETE MEETING THE REQUIREMENTS OF ART. 1020 OF THE STANDARD SPECIFICATIONS; 8" THICK. TEMPORARY PCC PAVEMENT DOES NOT REQUIRE DOWEL BARS.
- ALL TEMPORARY PAVEMENT SHALL BE PROVIDED OVER SUBBASE GRANULAR MATERIAL, TYPE B 4".

FILE NAME = P144216-ahc-1-index.dgn



USER NAME = jkehr	DESIGNED - JK	REVISED -
	DRAWN - JK	REVISED -
PLOT SCALE = 2.0000 ' / in.	CHECKED - ST	REVISED -
PLOT DATE = 3/27/2023	DATE - 3/17/2023	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL RTE 394 AT BURVILLE RD
INDEX, HIGHWAY STANDARDS, & GENERAL NOTES

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
332	2021-057-N	WILL	110	2
CONTRACT NO. 62N88				
ILLINOIS		FED. AID PROJECT		

REV-SEP

CODE NO.	ITEM	UNIT	TOTAL QUANTITY URBAN	CONSTRUCTION CODE	CONSTRUCTION CODE	CONSTRUCTION CODE
				90% FED/10% STATE	90% FED/10% STATE	90% FED/10% STATE
				ROADWAY	STRUCTURE	LIGHTING
				0004	S.N. 099-0515 0004	0021
20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	22	22		
20100210	TREE REMOVAL (OVER 15 UNITS DIAMETER)	UNIT	32	32		
20200100	EARTH EXCAVATION	CU YD	4,716	4,716		
20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	852	852		
20800150	TRENCH BACKFILL	CU YD	222	222		
21001000	GEOTECHNICAL FABRIC FOR GROUND STABILIZATION	SQ YD	2,555	2,555		
21101505	TOPSOIL EXCAVATION AND PLACEMENT	CU YD	2,896	2,896		
25000210	SEEDING, CLASS 2A	ACRE	2.25	2.25		
25000310	SEEDING, CLASS 4	ACRE	1.00	1.00		
25000400	NITROGEN FERTILIZER NUTRIENT	POUND	300	300		
25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	300	300		
25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	300	300		
25100630	EROSION CONTROL BLANKET	SQ YD	10,920	10,920		
25100635	HEAVY DUTY EROSION CONTROL BLANKET	SQ YD	4,529	4,529		

* SPECIALTY ITEM

FILE NAME = P14216-ah1-500.dgn



USER NAME = jkehr	DESIGNED - JK	REVISED -
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PLOT DATE = 3/27/2023	DATE - 3/17/2023	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**IL RTE 394 AT BURVILLE RD
SUMMARY OF QUANTITIES**

SCALE: N.T.S. SHEET 1 OF 11 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
332	2021-057-N	WILL	110	3
CONTRACT NO. 62N88			ILLINOIS FED. AID PROJECT	

CODE NO.	ITEM	UNIT	TOTAL QUANTITY URBAN	CONSTRUCTION CODE	CONSTRUCTION CODE	CONSTRUCTION CODE
				90% FED/10% STATE	90% FED/10% STATE	90% FED/10% STATE
				ROADWAY	STRUCTURE S.N. 099-0515	LIGHTING
				0004	0004	0021
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	293	293		
28000305	TEMPORARY DITCH CHECKS	FOOT	126	126		
28000315	AGGREGATE DITCH CHECKS	TON	89	89		
28000400	PERIMETER EROSION BARRIER	FOOT	2,493	2,493		
28000500	INLET AND PIPE PROTECTION	EACH	11	11		
28000510	INLET FILTERS	EACH	3	3		
28001100	TEMPORARY EROSION CONTROL BLANKET	SQ YD	10,760	10,760		
28001200	TEMPORARY HEAVY DUTY EROSION CONTROL BLANKET	SQ YD	4,604	4,604		
28100107	STONE RIPRAP, CLASS A4	SQ YD	58	58		
28200200	FILTER FABRIC	SQ YD	58	58		
30300011	AGGREGATE SUBGRADE IMPROVEMENT	CU YD	852	852		
30300112	AGGREGATE SUBGRADE IMPROVEMENT, 12"	SQ YD	12,303	12,303		
35501306	HOT-MIX ASPHALT BASE COURSE, 5 1/2"	SQ YD	217	217		
35501323	HOT-MIX ASPHALT BASE COURSE, 9 3/4"	SQ YD	5,304	5,304		

* SPECIALTY ITEM

FILE NAME = P14216-sh1-500.dgn



USER NAME = jkehn	DESIGNED - JK	REVISED -
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**IL RTE 394 AT BURVILLE RD
SUMMARY OF QUANTITIES**

SCALE: N.T.S. SHEET 2 OF 11 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
332	2021-057-N	WILL	110	4
CONTRACT NO. 62N88			ILLINOIS FED. AID PROJECT	

REV-SEP

CODE NO.	ITEM	UNIT	TOTAL QUANTITY URBAN	CONSTRUCTION CODE	CONSTRUCTION CODE	CONSTRUCTION CODE
				90% FED/10% STATE	90% FED/10% STATE	90% FED/10% STATE
				ROADWAY	STRUCTURE S.N. 099-0515	LIGHTING
				0004	0004	0021
35501326	HOT-MIX ASPHALT BASE COURSE, 10 1/2"	SQ YD	239	239		
35600685	HOT-MIX ASPHALT BASE COURSE WIDENING, 5 1/2"	SQ YD	60	60		
35600715	HOT-MIX ASPHALT BASE COURSE WIDENING, 9 3/4	SQ YD	412	412		
35600718	HOT-MIX ASPHALT BASE COURSE WIDENING, 10 1/2	SQ YD	27	27		
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	12,178	12,178		
40600370	LONGITUDINAL JOINT SEALANT	FOOT	3,771	3,771		
40600400	MIXTURE FOR CRACKS, JOINTS, AND FLANGEWAYS	TON	287	287		
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	505	505		
40603200	POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-4.75, N50	TON	704	704		
40604062	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N70	TON	295	295		
40605026	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, STONE MATRIX ASPHALT, 9.5, MIX "F", N80	TON	1,390	1,390		
42001300	PROTECTIVE COAT	SQ YD	426	426		
44000100	PAVEMENT REMOVAL	SQ YD	712	712		
44000159	HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/2"	SQ YD	11,082	11,082		

* SPECIALTY ITEM

FILE NAME = P14216-sh1-500.dgn



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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**IL RTE 394 AT BURVILLE RD
SUMMARY OF QUANTITIES**

SCALE: N.T.S. SHEET 3 OF 11 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
332	2021-057-N	WILL	110	5
CONTRACT NO. 62N88			ILLINOIS FED. AID PROJECT	

CODE NO.	ITEM	UNIT	TOTAL QUANTITY URBAN	CONSTRUCTION CODE	CONSTRUCTION CODE	CONSTRUCTION CODE
				90% FED/10% STATE	90% FED/10% STATE	90% FED/10% STATE
				ROADWAY	STRUCTURE S.N. 099-0515	LIGHTING
				0004	0004	0021
44003100	MEDIAN REMOVAL	SQ FT	95	95		
44004250	PAVED SHOULDER REMOVAL	SQ YD	5,982	5,982		
44201785	CLASS D PATCHES, TYPE I, 12 INCH	SQ YD	1,703	1,703		
44201789	CLASS D PATCHES, TYPE II, 12 INCH	SQ YD	852	852		
48102100	AGGREGATE WEDGE SHOULDER, TYPE B	TON	270	270		
48203029	HOT-MIX ASPHALT SHOULDERS, 8"	SQ YD	417	417		
48203046	HOT-MIX ASPHALT SHOULDERS, 12 1/4"	SQ YD	2,773	2,773		
50200100	STRUCTURE EXCAVATION	CU YD	56		56	
50300225	CONCRETE STRUCTURES	CU YD	20		20	
50800105	REINFORCEMENT BARS	LBS	2,970		2,970	
50800205	REINFORCEMENT BARS, EPOXY COATED	LBS	300		300	
52200020	TEMPORARY SOIL RETENTION SYSTEM	SQ FT	484		484	
54213669	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 24"	EACH	1	1		
54261224	CONCRETE END SECTION, STANDARD 542001, 24", 1:2	EACH	1	1		

* SPECIALTY ITEM

FILE NAME = P14216-sh1-500.dgn



USER NAME = jkehn	DESIGNED - JK	REVISED -
	DRAWN - JK	REVISED -
PLOT SCALE = 2.0000' / in.	CHECKED - ST	REVISED -
PLOT DATE = 3/27/2023	DATE - 3/17/2023	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**IL RTE 394 AT BURVILLE RD
SUMMARY OF QUANTITIES**

SCALE: N.T.S. SHEET 4 OF 11 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
332	2021-057-N	WILL	110	6
ILLINOIS FED. AID PROJECT			CONTRACT NO. 62N88	

CODE NO.	ITEM	UNIT	TOTAL QUANTITY URBAN	CONSTRUCTION CODE	CONSTRUCTION CODE	CONSTRUCTION CODE
				90% FED/10% STATE	90% FED/10% STATE	90% FED/10% STATE
				ROADWAY	STRUCTURE S.N. 099-0515	LIGHTING
				0004	0004	0021
542A1069	PIPE CULVERTS, CLASS A, TYPE 2 24"	FOOT	12	12		
550A0340	STORM SEWERS, CLASS A, TYPE 2 12"	FOOT	241	241		
550A0380	STORM SEWERS, CLASS A, TYPE 2 18"	FOOT	903	903		
550A0410	STORM SEWERS, CLASS A, TYPE 2 24"	FOOT	9	9		
55101200	STORM SEWER REMOVAL 24"	FOOT	27	27		
59000200	EPOXY CRACK INJECTION	FOOT	306		306	
60108206	PIPE UNDERDRAINS, TYPE 2, 6"	FOOT	710	710		
60200105	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, OPEN LID	EACH	2	2		
60200805	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 8 GRATE	EACH	4	4		
60218400	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	1	1		
60221700	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 8 GRATE	EACH	1	1		
60234200	INLETS, TYPE A, TYPE 1 FRAME, OPEN LID	EACH	1	1		
60258800	MANHOLES TO BE RECONSTRUCTED WITH NEW TYPE 8 GRATE	EACH	1	1		
60500050	REMOVING CATCH BASINS	EACH	2	2		

* SPECIALTY ITEM

FILE NAME = P14216-sh1-500.dgn



USER NAME = jkehn	DESIGNED - JK	REVISED -
	DRAWN - JK	REVISED -
PLOT SCALE = 2.0000' / in.	CHECKED - ST	REVISED -
PLOT DATE = 3/27/2023	DATE - 3/17/2023	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**IL RTE 394 AT BURVILLE RD
SUMMARY OF QUANTITIES**

SCALE: N.T.S. SHEET 5 OF 11 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
332	2021-057-N	WILL	110	7
CONTRACT NO. 62N88			ILLINOIS FED. AID PROJECT	

CODE NO.	ITEM	UNIT	TOTAL QUANTITY URBAN	CONSTRUCTION CODE	CONSTRUCTION CODE	CONSTRUCTION CODE
				90% FED/10% STATE	90% FED/10% STATE	90% FED/10% STATE
				ROADWAY	STRUCTURE S.N. 099-0515	LIGHTING
				0004	0004	0021
60618740	CONCRETE MEDIAN, TYPE M-2.12	SQ FT	2,021	2,021		
60618760	CONCRETE MEDIAN, TYPE M-4.12	SQ FT	1,813	1,813		
* 63000001	STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS	FOOT	1,225.0	1,225.0		
* 63100045	TRAFFIC BARRIER TERMINAL, TYPE 2	EACH	3	3		
* 63100167	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	EACH	3	3		
63200310	GUARDRAIL REMOVAL	FOOT	865	865		
63500105	DELINEATORS	EACH	14	14		
64200116	SHOULDER RUMBLE STRIPS, 16 INCH	FOOT	7,408	7,408		
* 64401300	HIGH TENSION CABLE MEDIAN BARRIER TERMINALS	EACH	3	3		
* 66900200	NON-SPECIAL WASTE DISPOSAL	CU YD	1,990	1,990		
* 66900530	SOIL DISPOSAL ANALYSIS	EACH	8	8		
* 66901001	REGULATED SUBSTANCES PRE-CONSTRUCTION PLAN	L SUM	1	1		
* 66901003	REGULATED SUBSTANCES FINAL CONSTRUCTION REPORT	L SUM	1	1		
* 66901006	REGULATED SUBSTANCES MONITORING	DAYS	8	8		

* SPECIALTY ITEM

FILE NAME = P14216-sh1-500.dgn



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PLOT DATE = 3/27/2023	DATE - 3/17/2023	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**IL RTE 394 AT BURVILLE RD
SUMMARY OF QUANTITIES**

SCALE: N.T.S. SHEET 6 OF 11 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
332	2021-057-N	WILL	110	8
ILLINOIS FED. AID PROJECT			CONTRACT NO. 62N88	

CODE NO.	ITEM	UNIT	TOTAL QUANTITY URBAN	CONSTRUCTION CODE	CONSTRUCTION CODE	CONSTRUCTION CODE
				90% FED/10% STATE	90% FED/10% STATE	90% FED/10% STATE
				ROADWAY 0004	STRUCTURE S.N. 099-0515 0004	LIGHTING 0021
67100100	MOBILIZATION	L SUM	1	1		
70100310	TRAFFIC CONTROL AND PROTECTION, STANDARD 701421	L SUM	1	1		
70100320	TRAFFIC CONTROL AND PROTECTION, STANDARD 701422	L SUM	1	1		
70102635	TRAFFIC CONTROL AND PROTECTION, STANDARD 701701	L SUM	1	1		
70103815	TRAFFIC CONTROL SURVEILLANCE	CAL DA	105	105		
X7010238	CHANGEABLE MESSAGE SIGN (SPECIAL)	CAL MO	12	12		
70300100	SHORT TERM PAVEMENT MARKING	FOOT	4,287	4,287		
70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SQ FT	10,500	10,500		
70300211	TEMPORARY PAVEMENT MARKING LETTERS AND SYMBOLS - PAINT	SQ FT	826	826		
70300221	TEMPORARY PAVEMENT MARKING - LINE 4" - PAINT	FOOT	18,085	18,085		
70300241	TEMPORARY PAVEMENT MARKING - LINE 6" - PAINT	FOOT	2,456	2,456		
70300251	TEMPORARY PAVEMENT MARKING - LINE 8" - PAINT	FOOT	1,819	1,819		
70300261	TEMPORARY PAVEMENT MARKING - LINE 12" - PAINT	FOOT	348	348		
70300281	TEMPORARY PAVEMENT MARKING - LINE 24" - PAINT	FOOT	138	138		

* SPECIALTY ITEM

FILE NAME = P14216-ah1-500.dgn



USER NAME = jkehr	DESIGNED - JK	REVISED -
	DRAWN - JK	REVISED -
PLOT SCALE = 2.0000' / in.	CHECKED - ST	REVISED -
PLOT DATE = 3/27/2023	DATE - 3/17/2023	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**IL RTE 394 AT BURVILLE RD
SUMMARY OF QUANTITIES**

SCALE: N.T.S. SHEET 7 OF 11 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
332	2021-057-N	WILL	110	9
CONTRACT NO. 62N88			ILLINOIS FED. AID PROJECT	

CODE NO.	ITEM	UNIT	TOTAL QUANTITY URBAN	CONSTRUCTION CODE	CONSTRUCTION CODE	CONSTRUCTION CODE
				90% FED/10% STATE	90% FED/10% STATE	90% FED/10% STATE
				ROADWAY	STRUCTURE	LIGHTING
				0004	S.N. 099-0515 0004	0021
70307100	TEMPORARY PAVEMENT MARKING LETTERS AND SYMBOLS	SQ FT	279	279		
70307120	TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV TAPE	FOOT	31,501	31,501		
70307210	TEMPORARY PAVEMENT MARKING - LINE 24" - TYPE IV TAPE	FOOT	140	140		
70400100	TEMPORARY CONCRETE BARRIER	FOOT	4,625.0	4,625.0		
70400125	PINNING TEMPORARY CONCRETE BARRIER	EACH	528	528		
70400200	RELOCATE TEMPORARY CONCRETE BARRIER	FOOT	4,212.5	4,212.5		
70600260	IMPACT ATTENUATORS, TEMPORARY (FULLY REDIRECTIVE, NARROW), TEST LEVEL 3	EACH	5	5		
70600332	IMPACT ATTENUATORS, RELOCATE (FULLY REDIRECTIVE, NARROW), TEST LEVEL 3	EACH	8	8		
* 72000100	SIGN PANEL - TYPE 1	SQ FT	661	661		
* 72400100	REMOVE SIGN PANEL ASSEMBLY - TYPE A	EACH	18	18		
* 72501000	TERMINAL MARKER - DIRECT APPLIED	EACH	3	3		
* 72800100	TELESCOPING STEEL SIGN SUPPORT	FOOT	460	460		
* 73100100	BASE FOR TELESCOPING STEEL SIGN SUPPORT	EACH	6	6		
* 78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	826	826		

* SPECIALTY ITEM

FILE NAME = P14216-ah1-500.dgn



USER NAME = jkeh	DESIGNED - JK	REVISED -
	DRAWN - JK	REVISED -
PLOT SCALE = 2.0000' / in.	CHECKED - ST	REVISED -
PLOT DATE = 3/27/2023	DATE - 3/17/2023	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**IL RTE 394 AT BURVILLE RD
SUMMARY OF QUANTITIES**

SCALE: N.T.S. SHEET 8 OF 11 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
332	2021-057-N	WILL	110	10
ILLINOIS FED. AID PROJECT			CONTRACT NO. 62N88	

CODE NO.	ITEM	UNIT	TOTAL QUANTITY URBAN	CONSTRUCTION CODE	CONSTRUCTION CODE	CONSTRUCTION CODE
				90% FED/10% STATE	90% FED/10% STATE	90% FED/10% STATE
				ROADWAY	STRUCTURE	LIGHTING
				0004	S.N. 099-0515 0004	0021
* 78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	19,228	19,228		
* 78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	2,589	2,589		
* 78000500	THERMOPLASTIC PAVEMENT MARKING - LINE 8"	FOOT	1,287	1,287		
* 78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	586	586		
* 78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	138	138		
* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	92	92		
* 78200005	GUARDRAIL REFLECTORS, TYPE A	EACH	17	17		
* 78200011	BARRIER WALL REFLECTORS, TYPE C	EACH	385	385		
* 78200020	CURB REFLECTORS	EACH	56	56		
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	82	82		
78300202	PAVEMENT MARKING REMOVAL - WATER BLASTING	SQ FT	14,529	14,529		
* 81028220	UNDERGROUND CONDUIT, GALVANIZED STEEL, 3" DIA.	FOOT	220			220
* 81603081	UNIT DUCT, 600V, 3-1C NO.2, 1/C NO.4 GROUND, (XLP-TYPE USE), 1 1/2" DIA. POLYETHYLENE	FOOT	2,010			2,010
* 81800300	AERIAL CABLE, 3-1/C NO. 2 WITH MESSENGER WIRE	FOOT	2,200			2,200

* SPECIALTY ITEM

FILE NAME = P14216-ahlt-500.dgn



USER NAME = jkeh	DESIGNED - JK	REVISED -
	DRAWN - JK	REVISED -
PLOT SCALE = 2.0000' / in.	CHECKED - ST	REVISED -
PLOT DATE = 3/27/2023	DATE - 3/17/2023	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**IL RTE 394 AT BURVILLE RD
SUMMARY OF QUANTITIES**

SCALE: SHEET 9 OF 11 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
332	2021-057-N	WILL	110	11
CONTRACT NO. 62N88			ILLINOIS FED. AID PROJECT	

CODE NO.	ITEM	UNIT	TOTAL QUANTITY URBAN	CONSTRUCTION CODE	CONSTRUCTION CODE	CONSTRUCTION CODE
				90% FED/10% STATE	90% FED/10% STATE	90% FED/10% STATE
				ROADWAY	STRUCTURE	LIGHTING
				0004	S.N. 099-0515 0004	0021
* 82110008	LUMINAIRE, LED, ROADWAY, OUTPUT DESIGNATION H	EACH	58			58
* 83050810	LIGHT POLE, ALUMINUM, 47.5 FT. M.H., 15 FT. MAST ARM	EACH	14			14
* X8300001	LIGHT POLE SPECIAL	EACH	14			14
* 83600358	LIGHT POLE FOUNDATION, METAL, 15" BOLT CIRCLE, 8 5/8" X 8'	EACH	14			14
* 84100110	REMOVAL OF TEMPORARY LIGHTING UNIT	EACH	16			16
* 84200500	REMOVAL OF LIGHTING UNIT, SALVAGE	EACH	10			10
* 84200804	REMOVAL OF POLE FOUNDATION	EACH	10			10
*	LIGHT POLE, WOOD, 60 FOOT, CLASS 4	EACH	2			2
* X0300015	CONCRETE WINGWALL REMOVAL	EACH	4		4	
* X6440114	REMOVE HIGH TENSION CABLE MEDIAN BARRIER	FOOT	1,549	1,549		
* X6440116	REMOVE HIGH TENSION CABLE MEDIAN BARRIER TERMINAL	EACH	3	3		
* X6440112	REMOVE AND REINSTALL HIGH TENSION CABLE MEDIAN BARRIER	FOOT	1,352	1,352		
* X1400268	REMOVAL OF LIGHTING LUMINAIRE, SALVAGE	EACH	44			44
X2020110	GRADING AND SHAPING SHOULDERS	UNIT	40	40		

* SPECIALTY ITEM

FILE NAME = P14216-ah1-500.dgn



USER NAME = jkehr	DESIGNED - JK	REVISED -
	DRAWN - JK	REVISED -
PLOT SCALE = 2.0000' / in.	CHECKED - ST	REVISED -
PLOT DATE = 3/27/2023	DATE - 3/17/2023	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**IL RTE 394 AT BURVILLE RD
SUMMARY OF QUANTITIES**

SCALE: SHEET 10 OF 11 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
332	2021-057-N	WILL	110	12
ILLINOIS FED. AID PROJECT			CONTRACT NO. 62N88	

REV-SEP

CODE NO.	ITEM	UNIT	TOTAL QUANTITY URBAN	CONSTRUCTION CODE	CONSTRUCTION CODE	CONSTRUCTION CODE
				90% FED/10% STATE	90% FED/10% STATE	90% FED/10% STATE
				ROADWAY	STRUCTURE	LIGHTING
				0004	S.N. 099-0515 0004	0021
* X2800400	PERIMETER EROSION BARRIER, SPECIAL	FOOT	1,549	1,549		
X6700407	ENGINEER'S FIELD OFFICE, TYPE A (D1)	CAL MO	12	12		
X7010216	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	L SUM	1	1		
X7010410	SPEED DISPLAY TRAILER	CAL MO	12	12		
* X8211008	TEMPORARY LUMINAIRE, LED, ROADWAY, OUTPUT DESIGNATION H	EACH	14			14
Z0012754	STRUCTURAL REPAIR OF CONCRETE (DEPTH EQUAL TO OR LESS THAN 5 INCHES)	SQ FT	7		7	
Z0013798	CONSTRUCTION LAYOUT	L SUM	1	1		
Z0029604	HEADWALL REMOVAL	EACH	2	2		
Z0030850	TEMPORARY INFORMATION SIGNING	SQ FT	102.8	102.8		
Z0033028	MAINTENANCE OF LIGHTING SYSTEM	CAL MO	5			5
Z0062456	TEMPORARY PAVEMENT	SQ YD	260	260		
Ø Z0076600	TRAINEES	HOURS	500	500		
Ø Z0076604	TRAINEES - TRAINING PROGRAM GRADUATE	HOURS	500	500		

* SPECIALTY ITEM

FILE NAME = P14216-ah1-500.dgn



USER NAME = jkehn	DESIGNED - JK	REVISED -
DRAWN - JK	CHECKED - ST	REVISED -
PLOT SCALE = 2.0000' / 1" =	DATE - 3/17/2023	REVISED -
PLOT DATE = 3/27/2023		

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**IL RTE 394 AT BURVILLE RD
SUMMARY OF QUANTITIES**

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

F.A.P. RTE. 332	SECTION 2021-057-N	COUNTY WILL	TOTAL SHEETS 110	SHEET NO. 13	CONTRACT NO. 62N88
ILLINOIS FED. AID PROJECT					

Ø 0042

REV-SEP

PROTECTIVE COAT

Table with 4 columns: FROM STATION, TO STATION, LT/RT, AREA (SQ YD). Rows include 499+16.49 to 200+54.00, and a rounded total of 426.

AGGREGATE WEDGE SHOULDER, TYPE B

Table with 4 columns: FROM STATION, TO STATION, LT/RT, TON. Rows include 493+00.00 to 200+63.97, and a rounded total of 270.

MIXTURE FOR CRACKS, JOINTS, AND FLANGEWAYS

Table with 4 columns: FROM STATION, TO STATION, LT/RT, TON. Rows include 493+00.00 to 200+44.00, and a rounded total of 287.

GRADING AND SHAPING SHOULDERS

Table with 4 columns: FROM STATION, TO STATION, LT/RT, UNIT. Rows include 493+00.00 to 200+66.97, and a rounded total of 40.

CONCRETE MEDIAN, TYPE M-2.12

Table with 4 columns: FROM STATION, TO STATION, LT/RT, AREA (SQ FT). Rows include 198+20.00 to 200+54.00, and a rounded total of 2,021.

CONCRETE MEDIAN, TYPE M-4.12

Table with 4 columns: FROM STATION, TO STATION, LT/RT, AREA (SQ FT). Rows include 499+16.49 to 500+83.88, and a rounded total of 1,813.

CURB REFLECTORS

Table with 4 columns: FROM STATION, TO STATION, LT/RT, EACH. Rows include 499+16.49 to 200+54.00, and a total of 56.

REMOVE HIGH TENSION CABLE MEDIAN BARRIER

Table with 4 columns: FROM STATION, TO STATION, LT/RT, FOOT. Rows include 492+50.00 to 530+98.00, and a rounded total of 1,549.

REMOVE HIGH TENSION CABLE MEDIAN BARRIER TERMINAL

Table with 3 columns: STATION, LT/RT, EACH. Rows include 496+98.20 to 530+98.00, and a total of 3.

HIGH TENSION CABLE MEDIAN BARRIER TERMINALS

Table with 3 columns: STATION, LT/RT, EACH. Rows include 492+50.00 to 534+00.00, and a total of 3.

SHOULDER RUMBLE STRIPS, 16 INCH

Table with 4 columns: FROM STATION, TO STATION, LT/RT, FOOT. Rows include 493+00.00 to 200+63.97, and a rounded total of 7,408.

REMOVE AND REINSTALL HIGH TENSION CABLE MEDIAN BARRIER

Table with 4 columns: FROM STATION, TO STATION, LT/RT, FOOT. Rows include 509+48.00 to 523+00.00, and a rounded total of 1,352.

DELINEATORS

Table with 4 columns: FROM STATION, TO STATION, LT/RT, EACH. Rows include 493+00.00 to 200+63.97, and a total of 14.

HOT-MIX ASPHALT SHOULDERS, 8"

Table with 4 columns: FROM STATION, TO STATION, LT/RT, AREA (SQ YD). Rows include 196+40.00 to 200+54.04, and a rounded total of 417.

STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS

Table with 4 columns: FROM STATION, TO STATION, LT/RT, FOOT. Rows include 496+07.38 to 502+98.76, and a rounded total of 1,225.0.

TRAFFIC BARRIER TERMINAL, TYPE 2

Table with 3 columns: STATION, LT/RT, EACH. Rows include 498+32.38 to 507+88.96, and a total of 3.

TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT

Table with 3 columns: STATION, LT/RT, EACH. Rows include 495+57.39 to 507+47.64, and a total of 3.

GUARDRAIL REMOVAL

Table with 4 columns: FROM STATION, TO STATION, LT/RT, FOOT. Rows include 502+63.30 to 502+75.43, and a rounded total of 865.

GUARDRAIL REFLECTORS, TYPE A

Table with 4 columns: FROM STATION, TO STATION, LT/RT, EACH. Rows include 496+07.38 to 502+98.76, and a total of 17.

HOT-MIX ASPHALT SHOULDERS, 12 1/4"

Table with 4 columns: FROM STATION, TO STATION, LT/RT, AREA (SQ YD). Rows include 493+00.00 to 200+63.97, and a rounded total of 2,773.

THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS

Table with 4 columns: FROM STATION, TO STATION, LT/RT, AREA (SQ FT). Rows include 493+50.00 to 201+28.95, and a rounded total of 826.

THERMOPLASTIC PAVEMENT MARKING - LINE 12"

Table with 4 columns: FROM STATION, TO STATION, LT/RT, FOOT. Rows include 493+00.00 to 507+75.00, and a rounded total of 586.

FILE NAME = P:\4216-shit-schedule.dgn



Project details table with columns: USER NAME, DESIGNED, DRAWN, CHECKED, DATE, REVISED.

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

IL RTE 394 AT BURVILLE RD SCHEDULE OF QUANTITIES

Scale and sheet information table with columns: SCALE, SHEET, OF, SHEETS, STA., TO STA.

Project summary table with columns: F.A.P. RTE., SECTION, COUNTY, TOTAL SHEETS, SHEET NO., CONTRACT NO.

EROSION CONTROL BLANKET

FROM STATION	TO STATION	LT/RT	AREA (SQ YD)
493+00	497+00	RT	1251.10
497+61	204+15	RT	1153.60
203+05	501+50	LT/RT	485.90
507+00	509+00	RT	676.70
493+00	493+52	LT/RT	160.00
494+11	499+40	LT/RT	561.20
500+48	507+94	LT/RT	1303.40
508+50	509+00	LT/RT	162.90
493+00	196+40	LT/RT	1372.80
196+40	501+50	LT	945.50
505+50	509+00	LT	1954.30
529+24	533+77	LT/RT	892.10
ROUNDED TOTAL			10,920

HEAVY DUTY EROSION CONTROL BLANKET

FROM STATION	TO STATION	LT/RT	AREA (SQ YD)
497+11	497+61	RT	160.90
501+50	507+00	RT	2382.30
501+50	505+50	LT	1985.90
ROUNDED TOTAL			4,529

TEMPORARY DITCH CHECKS

STATION	LT/RT	FOOT
493+00	LT	18.00
493+00	RT	18.00
493+00	RT	18.00
504+27	RT	18.00
530+00	RT	18.00
531+50	RT	18.00
533+75	RT	18.00
ROUNDED TOTAL		126

AGGREGATE DITCH CHECKS

STATION	LT/RT	TON
504+73	LT	44.40
507+97	RT	44.40
ROUNDED TOTAL		89

SEEDING, CLASS 2A

FROM STATION	TO STATION	LT/RT	AREA (ACRE)
493+00	497+00	RT	0.26
497+61	204+15	RT	0.24
203+05	501+50	LT/RT	0.1
507+00	509+00	RT	0.14
493+00	493+52	LT/RT	0.03
494+11	499+40	LT/RT	0.12
500+48	507+94	LT/RT	0.27
508+50	509+00	LT/RT	0.03
493+00	196+40	LT/RT	0.28
196+40	501+50	LT	0.2
505+50	509+00	LT	0.4
529+24	533+77	LT/RT	0.18
ROUNDED TOTAL			2.25

SEEDING, CLASS 4

FROM STATION	TO STATION	LT/RT	AREA (ACRE)
497+11	497+61	RT	0.03
501+50	507+00	RT	0.49
501+50	505+50	LT	0.41
ROUNDED TOTAL			1.00

STONE RIPRAP, CLASS A4

FROM STATION	TO STATION	LT/RT	AREA (SQ YD)
497+29.0	497+44.0	RT	23.60
504+60.0	504+67.0	RT	4.20
504+73.3	504+86.6	RT	7.70
503+84.2	503+98.5	LT	11.20
504+05.0	504+18.0	LT	10.70
ROUNDED TOTAL			58

INLET AND PIPE PROTECTION

STATION	LT/RT	EACH
495+01.00	RT	1
497+35.71	LT	1
497+36.23	LT	1
500+36.95	RT	1
502+01.00	RT	1
502+57.90	LT	1
503+82.33	RT	1
504+36.68	RT	1
504+36.68	RT	1
506+49.00	LT	1
508+61.00	RT	1
TOTAL		11

INLET FILTERS

STATION	LT/RT	EACH
499+15.49	RT	1
499+94.47	RT	1
500+11.61	LT	1
TOTAL		3

PERIMETER EROSION CONTROL BARRIER

FROM STATION	TO STATION	LT/RT	FOOT
492+95.0	496+74.3	RT	382.00
498+32.4	201+24.7	RT	135.00
203+05.0	502+00.0	LT/RT	376.00
292+95.0	196+35.0	LT/RT	932.00
196+35.0	501+00.0	LT	295.00
505+27.6	509+00.0	LT	373.00
ROUNDED TOTAL			2,493

PERIMETER EROSION BARRIER, SPECIAL

FROM STATION	TO STATION	LT/RT	FOOT
496+71.50	498+32.40	RT	161.00
201+24.70	204+15.00	RT	292.00
501+95.00	503+41.30	RT	147.00
503+36.30	504+29.30	RT	93.00
504+25.50	504+50.50	RT	26.00
504+50.50	504+63.30	RT	28.00
504+78.80	508+00.00	RT	345.00
507+98.00	508+07.00	RT	14.00
501+00.00	503+95.00	LT	318.00
504+07.10	505+27.60	LT	125.00
ROUNDED TOTAL			1,549

TEMPORARY EROSION CONTROL BLANKET

FROM STATION	TO STATION	LT/RT	AREA (SQ YD)
493+00	497+11	RT	1251.10
497+61	202+75	RT	940.30
203+25	204+15	RT	53.00
203+05	501+50	LT/RT	485.90
507+00	509+00	RT	676.70
493+00	439+52	LT/RT	160.00
494+11	499+40	LT/RT	561.20
500+48	507+94	LT/RT	1303.40
508+50	509+00	LT/RT	162.90
493+00	196+40	LT/RT	1372.80
196+40	501+50	LT	945.50
505+50	509+00	LT	1954.30
529+24	533+77	LT/RT	892.10
ROUNDED TOTAL			10,760

TEMPORARY HEAVY DUTY EROSION CONTROL BLANKET

FROM STATION	TO STATION	LT/RT	AREA (SQ YD)
497+11	497+61	RT	181.00
202+75	203+25	RT	40.10
501+50	507+00	RT	2383.70
501+50	505+50	LT	1998.90
ROUNDED TOTAL			4,604

FILTER FABRIC

FROM STATION	TO STATION	LT/RT	AREA (SQ YD)
497+29.0	497+44.0	RT	23.60
504+60.0	504+67.0	RT	4.20
504+73.3	504+86.6	RT	7.70
503+84.2	503+98.5	LT	11.20
504+05.0	504+18.0	LT	10.70
ROUNDED TOTAL			58

PIPE CULVERTS, CLASS A, TYPE 2, 24"

FROM STATION	TO STATION	LT/RT	FOOT
497+36.29	497+36.35	RT	8.00
497+35.74	497+35.74	RT	4.00
ROUNDED TOTAL			12

PRECAST REINFORCED CONCRETE FLARED END SECTIONS 24"

STATION	LT/RT	EACH
501+13.5	LT	1
TOTAL		1

CONCRETE END SECTION, STANDARD 542001, 24", 1:2

STATION	LT/RT	EACH
497+36.4	RT	1
TOTAL		1

STORM SEWERS, CLASS A, TYPE 2, 12"

FROM STATION	TO STATION	LT/RT	FOOT
497+38.20	499+13.50	LT/RT	176.00
499+94.96	500+10.63	LT/RT	32.00
500+13.60	500+46.47	LT	33.00
ROUNDED TOTAL			241

STORM SEWERS, CLASS A, TYPE 2, 18"

FROM STATION	TO STATION	LT/RT	FOOT
495+03.00	497+33.21	LT/RT	231.00
502+03.00	504+34.69	RT	232.00
504+38.68	506+47.00	LT/RT	209.00
506+51.00	508+59.00	LT/RT	209.00
503+82.06	504+04.12	LT	22.00
ROUNDED TOTAL			903

STORM SEWERS, CLASS A, TYPE 2, 24"

FROM STATION	TO STATION	LT/RT	FOOT
500+49.87	500+51.28	LT	2.00
501+13.86	501+18.75	LT	7.00
ROUNDED TOTAL			9

STORM SEWER REMOVAL 24"

FROM STATION	TO STATION	LT/RT	FOOT
497+35.7	497+35.8	LT/RT	9.00
500+49.9	500+51.3	LT	2.00
500+38.7	500+50.0	LT	16.00
ROUNDED TOTAL			27

FILE NAME = P:\4216-shit-schedule.dgn



USER NAME = jkehr
 DESIGNED - JK
 DRAWN - JK
 PLOT SCALE = 2.0000' / in.
 CHECKED - ST
 PLOT DATE = 3/27/2023
 DATE - 3/17/2023

DESIGNED - JK
 DRAWN - JK
 CHECKED - ST
 DATE - 3/17/2023

REVISED -
 REVISED -
 REVISED -
 REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

IL RTE 394 AT BURVILLE RD
 SCHEDULE OF QUANTITIES

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
332	2021-057-N	WILL	110	17
CONTRACT NO. 62N88				
ILLINOIS		FED. AID PROJECT		

PIPE UNDERDRAINS, TYPE 2, 6"

FROM STATION	TO STATION	LT/RT	FOOT
493+95.00	499+16.00	RT	522.00
495+00.94	495+54.49	RT	58.00
495+01.06	495+54.49	LT/RT	58.00
497+34.76	497+36.28	RT	3.00
497+36.58	497+87.90	LT	52.00
499+16.99	499+93.47	RT	78.00
500+48.46	500+48.46	LT/RT	25.00
501+27.00	505+90.00	LT	463.00
502+01.00	502+53.83	RT	56.00
502+01.00	502+53.83	RT	56.00
504+36.67	504+89.27	LT	59.00
504+36.89	504+90.09	RT	57.00
505+92.00	508+00.00	LT	210.00
506+49.00	507+02.63	LT/RT	58.00
506+49.00	507+02.63	LT	62.00
508+61.00	508+95.00	RT	44.00
508+61.00	508+95.00	LT	44.00
ROUNDED TOTAL			1905

PIPE UNDERDRAINS 6" (SPECIAL)

FROM STATION	TO STATION	LT/RT	FOOT
493+95.00	493+95.00	RT	11.00
501+27.00	201+27.00	LT	14.00
505+92.00	505+92.00	LT	20.00
ROUNDED TOTAL			45

CONCRETE HEADWALLS FOR PIPE DRAINS

STATION	LT/RT	EACH
493+95.00	RT	1
501+27.00	LT	1
505+92.00	LT	1
TOTAL		3

CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, OPEN LID

STATION	LT/RT	EACH
499+15.49	RT	1
500+11.61	LT	1
TOTAL		2

INLETS, TYPEA, TYPE 1 FRAME, OPEN LID

STATION	LT/RT	EACH
499+94.47	RT	1
TOTAL		1

MANHOLES TO BE RECONSTRUCTED WITH NEW TYPE 8 GRATE

STATION	LT/RT	EACH
504+36.68	RT	1
TOTAL		1

REMOVE CATCH BASINS

STATION	LT/RT	EACH
497+36.20	LT	1
500+37.00	RT	1
TOTAL		2

HEADWALL REMOVAL

STATION	LT/RT	EACH
497+36.28	RT	1
501+15.27	LT	1
TOTAL		2

CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 8 GRATE

STATION	LT/RT	EACH
495+01.00	RT	1
502+01.00	RT	1
506+49.00	LT	1
508+61.00	RT	1
TOTAL		4

MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID

STATION	LT/RT	EACH
500+48.46	LT	1
TOTAL		1

MANHOLES, TYPE A, 5'-DIAMETER, TYPE 8 GRATE

STATION	LT/RT	EACH
497+35.71	LT	1
TOTAL		1

TEMPORARY CONCRETE BARRIER SCHEDULE

FROM STATION	TO STATION	LT/RT	TEMPORARY CONCRETE BARRIER	RELOCATE TEMPORARY CONCRETE BARRIER	IMPACT ATTENUATORS, TEMPORARY (FULLY REDIRECTIVE NARROW), TEST LEVEL 3	IMPACT ATTENUATORS, RELOCATE (FULLY REDIRECTIVE NARROW), TEST LEVEL 3	BARRIER WALL REFLECTORS, TYPE C
			FOOT	FOOT	EACH	EACH	EACH
492+50.00	499+16.02	RT	662.50				55
200+31.09	203+09.38	RT	312.50				26
500+12.91	510+13.00	RT	925.00				77
492+87.97	499+17.68	LT	562.50				47
196+00.00	199+57.75	RT	462.50				39
196+30.34	199+65.54	LT	362.50				30
501+00.40	509+48.55	LT	850.00				71
529+24.39	534+14.95	LT	487.50				41
492+00.00	499+68.11	RT		762.50			
500+82.14	509+04.00	RT		812.50			
492+79.96	499+60.00	LT		675.00			
500+31.69	509+80.57	LT		950.00			
498+31.52	501+48.77	RT		312.50			
499+08.39	502+24.97	LT		312.50			
202+67.58	203+17.58	RT		50.00			
200+47.05	203+08.14	LT		337.50			
492+36.00		RT			1		
500+13.81		RT			1		
196+00.00		RT			1		
509+48.55		LT			1		
534+26.95		LT			1		
491+86.42		RT				1	
500+63.05		RT				1	
499+67.31		LT				1	
510+00.00		LT				1	
498+17.43		RT				1	
502+24.97		LT				1	
202+53.51		RT				1	
203+08.15		LT				1	
ROUNDED TOTAL			4,625.0	4,212.5	5	8	385

FILE NAME = P:\4216-shr-schedule.dgn



USER NAME = jkehn	DESIGNED - JK	REVISED -
	DRAWN - JK	REVISED -
PLOT SCALE = 2.0000' / in.	CHECKED - ST	REVISED -
PLOT DATE = 3/27/2023	DATE - 3/17/2023	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL RTE 394 AT BURVILLE RD
SCHEDULE OF QUANTITIES

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

F.A.P. RTE. 332	SECTION 2021-057-N	COUNTY WILL	TOTAL SHEETS 110	SHEET NO. 18
			CONTRACT NO. 62N88	
		ILLINOIS FED. AID PROJECT		

TEMPORARY PAVEMENT MARKING

FROM STATION	TO STATION	LT/RT	TEMPORARY PAVEMENT MARKING - LINE 4" TYPE IV TAPE	SHORT TERM PAVEMENT MARKING REMOVAL
			FOOT	SQ FT
STAGE I				
493+00.00	521+34.00	LT	2,744.50	914.80
480+31.40	509+00.00	RT	2,654.40	884.80
195+54.99	196+39.94	RT	399.90	133.30
195+54.99	199+42.11	LT/RT	774.00	258.00
196+39.94	199+50.01	LT	319.60	106.50
200+30.46	203+46.37	RT	355.60	118.50
200+60.07	203+50.00	LT/RT	580.00	193.30
200+30.57	203+01.94	LT	355.40	118.50
527+12.86	529+63.93	LT	251.10	83.70
527+12.86	528+00.49	LT	87.60	29.20
527+12.86	534+66.42	LT	753.60	251.20
528+00.19	536+29.15	LT	830.10	276.70
529+00.88	534+41.11	LT	540.30	180.10
STAGE II				
481+15.94	499+72.00	RT	1,857.20	619.10
493+00.00	499+67.31	LT	667.30	222.40
493+00.00	499+07.31	LT	607.30	202.40
496+66.98	498+22.00	RT	38.80	12.90
498+22.00	499+72.00	RT	150.00	50.00
500+31.00	501+81.00	LT	150.00	50.00
500+31.00	521+10.00	LT	2,079.60	693.20
500+63.05	509+00.00	RT	837.00	279.00
501+81.00	503+37.00	LT	156.00	52.00
500+31.00	501+81.00	LT	150.00	50.00
501+81.00	505+30.00	LT	87.30	29.10
500+89.57	509+00.00	LT	810.40	270.10
196+41.50	199+57.17	LT	315.70	105.20
196+41.50	199+42.24	RT/LT	601.50	200.50
196+41.50	199+42.95	LT	301.50	100.50
200+45.02	202+99.98	RT	255.00	85.00
200+45.02	202+99.98	RT/LT	509.90	170.00
STAGE III				
493+00.00	499+16.77	RT	616.80	205.60
493+00.00	509+00.00	RT	400.00	133.30
493+43.32	496+09.99	RT	66.70	22.20
496+09.99	499+30.00	RT	320.00	106.70
500+42.96	509+00.00	RT	857.00	285.70
493+00.00	509+00.00	RT	1,600.00	533.30
502+94.99	505+20.00	RT	56.30	18.80
505+20.00	509+00.00	RT	380.00	126.70
493+00.00	496+85.00	LT	385.00	128.30
493+00.00	509+00.00	LT	1,600.00	533.30
496+85.00	499+16.49	LT	57.90	19.30
493+00.00	509+00.00	LT	400.00	133.30
493+00.00	499+16.49	LT	616.50	205.50
500+85.00	502+90.00	LT	205.00	68.30

TEMPORARY PAVEMENT MARKING CONT.

FROM STATION	TO STATION	LT/RT	TEMPORARY PAVEMENT MARKING - LINE 4" TYPE IV TAPE	SHORT TERM PAVEMENT MARKING REMOVAL
			FOOT	SQ FT
500+89.33	509+00.00	LT	810.70	270.20
502+90.00	505+30.00	LT	60.00	20.00
195+94.00	199+56.10	RT	362.10	120.70
195+94.00	199+45.90	RT	351.90	117.30
195+94.00	199+45.90	LT	351.90	117.30
195+94.00	199+42.45	LT	348.50	116.20
200+45.02	204+10.03	RT	365.00	121.70
200+58.00	204+10.03	RT	704.10	234.70
200+45.02	204+10.03	LT	365.00	121.70
ROUNDED TOTAL			31,501	10,500

FILE NAME = P:\4216-shr-schedule.dgn



USER NAME = jkehn
 PLOT SCALE = 2.0000' / in.
 PLOT DATE = 3/27/2023

DESIGNED - JK
 DRAWN - JK
 CHECKED - ST
 DATE - 3/17/2023

REVISED -
 REVISED -
 REVISED -
 REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**IL RTE 394 AT BURVILLE RD
 SCHEDULE OF QUANTITIES**

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
332	2021-057-N	WILL	110	19
CONTRACT NO. 62N88				
ILLINOIS		FED. AID PROJECT		

EARTHWORK SCHEDULE

ALIGNMENT	FROM STATION	TO STATION	OFFSET	EARTH EXCAVATION	EARTH EXCAVATION TO BE USED IN FILL (ADJUSTED FOR SHRINKAGE)	FILL	EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-)	TOPSOIL EXCAVATION (EXISTING TOPSOIL) (DEPTH = 6")	TOPSOIL PLACEMENT (PROPOSED TOPSOIL) (DEPTH = 6")	TOPSOIL BALANCE WASTE (+) OR SHORTAGE (-)
				CU YD	CU YD	CU YD	CU YD	CU YD	CU YD	CU YD
1L-394	492+00.00	493+00.00	LEFT	34	29	1	+28	3	0	+3
1L-394	493+00.00	494+00.00	LEFT	69	59	3	+55	12	6	+6
1L-394	494+00.00	495+00.00	LEFT	71	61	4	+57	18	14	+3
1L-394	495+00.00	496+00.00	LEFT	36	31	2	+29	9	8	+1
1L-394	496+00.00	497+00.00	LEFT	73	62	5	+57	22	19	+3
1L-394	497+00.00	497+35.71	LEFT	27	23	2	+21	8	6	+2
1L-394	497+35.71	498+00.00	LEFT	47	40	3	+37	10	7	+3
1L-394	498+00.00	499+00.00	LEFT	71	60	5	+55	19	14	+5
1L-394	499+00.00	500+00.00	LEFT	36	30	2	+28	9	6	+2
1L-394	500+00.00	501+00.00	LEFT	29	25	61	-36	38	36	+2
1L-394	501+00.00	502+00.00	LEFT	106	90	99	-9	77	64	+13
1L-394	502+00.00	503+00.00	LEFT	72	61	161	-100	68	54	+15
1L-394	503+00.00	503+50.00	LEFT	34	29	69	-40	32	25	+6
1L-394	503+50.00	504+00.00	LEFT	32	27	55	-28	34	30	+4
1L-394	504+00.00	504+36.68	LEFT	22	19	47	-28	29	27	+2
1L-394	504+36.68	505+00.00	LEFT	49	41	89	-48	57	53	+4
1L-394	505+00.00	506+00.00	LEFT	91	77	167	-89	90	82	+8
1L-394	506+00.00	507+00.00	LEFT	104	88	208	-120	217	72	+145
1L-394	507+00.00	508+00.00	LEFT	80	68	215	-147	221	61	+160
1L-394	508+00.00	508+62.00	LEFT	41	35	71	-36	44	31	+13
1L-394	508+62.00	509+00.00	LEFT	30	26	6	+19	12	9	+2
1L-394	509+00.00	510+00.00	LEFT	34	29	1	+28	3	0	+3
SUBTOTAL				1189	1011	1277	-266	1030	625	+405

EARTHWORK SCHEDULE CONT.

ALIGNMENT	FROM STATION	TO STATION	OFFSET	EARTH EXCAVATION	EARTH EXCAVATION TO BE USED IN FILL (ADJUSTED FOR SHRINKAGE)	FILL	EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-)	TOPSOIL EXCAVATION (EXISTING TOPSOIL) (DEPTH = 6")	TOPSOIL PLACEMENT (PROPOSED TOPSOIL) (DEPTH = 6")	TOPSOIL BALANCE WASTE (+) OR SHORTAGE (-)
				CU YD	CU YD	CU YD	CU YD	CU YD	CU YD	CU YD
1L-394	529+00.00	529+24.71	MEDIAN	3	2	0	+2	0	0	+0
1L-394	529+24.71	530+00.00	MEDIAN	27	23	3	+20	9	7	+2
1L-394	530+00.00	531+00.00	MEDIAN	58	49	7	+42	23	15	+8
1L-394	531+00.00	532+00.00	MEDIAN	64	55	7	+48	24	15	+9
1L-394	532+00.00	533+00.00	MEDIAN	53	45	4	+41	15	12	+3
1L-394	533+00.00	533+77.00	MEDIAN	36	30	0	+30	3	2	+0
1L-394	533+77.00	534+00.00	MEDIAN	5	5	0	+5	0	0	+0
				246	209	21	+188	74	51	+22

EARTHWORK SCHEDULE CONT.

ALIGNMENT	FROM STATION	TO STATION	OFFSET	EARTH EXCAVATION	EARTH EXCAVATION TO BE USED IN FILL (ADJUSTED FOR SHRINKAGE)	FILL	EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-)	TOPSOIL EXCAVATION (EXISTING TOPSOIL) (DEPTH = 6")	TOPSOIL PLACEMENT (PROPOSED TOPSOIL) (DEPTH = 6")	TOPSOIL BALANCE WASTE (+) OR SHORTAGE (-)
				CU YD	CU YD	CU YD	CU YD	CU YD	CU YD	CU YD
1L-394	492+00.00	493+00.00	MEDIAN	40	34	0	+34	0	0	+0
1L-394	493+00.00	494+00.00	MEDIAN	108	92	0	+92	25	0	+25
1L-394	494+00.00	495+00.00	MEDIAN	127	108	14	+94	50	15	+35
1L-394	495+00.00	496+00.00	MEDIAN	59	50	14	+36	25	15	+10
1L-394	496+00.00	497+00.00	MEDIAN	143	122	22	+100	50	16	+34
1L-394	497+00.00	497+35.71	MEDIAN	76	65	5	+59	18	3	+15
1L-394	497+35.71	498+00.00	MEDIAN	120	102	6	+96	29	5	+24
1L-394	498+00.00	499+00.00	MEDIAN	107	91	3	+88	35	10	+25
1L-394	499+00.00	500+00.00	MEDIAN	55	47	0	+47	16	5	+12
1L-394	500+00.00	501+00.00	MEDIAN	63	53	5	+48	25	15	+11
1L-394	501+00.00	502+00.00	MEDIAN	68	58	2	+56	48	19	+29
1L-394	502+00.00	503+00.00	MEDIAN	89	76	9	+67	49	27	+22
1L-394	503+00.00	503+50.00	MEDIAN	59	50	7	+43	25	15	+10
1L-394	503+50.00	504+00.00	MEDIAN	63	54	6	+48	25	15	+10
1L-394	504+00.00	504+36.68	MEDIAN	45	39	4	+34	19	10	+8
1L-394	504+36.68	505+00.00	MEDIAN	71	60	12	+48	33	18	+15
1L-394	505+00.00	506+00.00	MEDIAN	103	87	25	+62	53	35	+18
1L-394	506+00.00	507+00.00	MEDIAN	100	85	29	+56	53	39	+14
1L-394	507+00.00	508+00.00	MEDIAN	111	94	22	+73	53	19	+33
1L-394	508+00.00	508+62.00	MEDIAN	72	61	3	+58	33	16	+16
1L-394	508+62.00	509+00.00	MEDIAN	35	30	0	+30	10	10	+0
1L-394	509+00.00	510+00.00	MEDIAN	39	33	0	+33	0	0	+0
SUBTOTAL				1754	1491	190	+1301	676	307	+369

COLUMN 1 - 4: LOCATION FROM PLAN
 COLUMN 5: QUANTITIES OF EARTH EXCAVATION (CUT) FROM CROSS SECTIONS, WHICH DOES NOT INCLUDE TOPSOIL.
 COLUMN 6: QUANTITIES OF EARTH EXCAVATION (CUT ADJUSTED FOR A SHRINKAGE FACTOR OF 15%).
 COLUMN 7: QUANTITIES OF EMBANKMENT (FILL) FROM CROSS SECTIONS.
 COLUMN 8: EARTHWORK REQUIRED (COLUMN 6 - COLUMN 7)
 (+) = QUANTITY TO BE WASTED
 (-) = QUANTITY OF EMBANKMENT (FILL) NEEDED
 COLUMN 9: QUANTITIES OF EXISTING TOPSOIL FROM CROSS SECTIONS, TO BE PAID FOR AS "TOPSOIL EXCAVATION AND PLACEMENT".
 COLUMN 10: QUANTITIES OF TOPSOIL NEEDED FOR LANDSCAPING FROM CROSS SECTIONS.
 COLUMN 11: TOPSOIL REQUIRED (COLUMN 9 - COLUMN 10)
 (+) = QUANTITY OF TOPSOIL TO BE WASTED
 (-) = QUANTITY OF FURNISHED TOPSOIL NEEDED

FILE NAME = P144216-sh1r-schedule.dgn

EARTHWORK SCHEDULE CONT.

ALIGNMENT	FROM STATION	TO STATION	OFFSET	EARTH EXCAVATION	EARTH EXCAVATION TO BE USED IN FILL (ADJUSTED FOR SHRINKAGE)	FILL	EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-)	TOPSOIL EXCAVATION (EXISTING TOPSOIL) (DEPTH = 6")	TOPSOIL PLACEMENT (PROPOSED TOPSOIL) (DEPTH = 6")	TOPSOIL BALANCE WASTE (+) OR SHORTAGE (-)
				CU YD	CU YD	CU YD	CU YD	CU YD	CU YD	CU YD
IL-394	492+00.00	493+00.00	RIGHT	28	24	1	+23	3	0	+3
IL-394	493+00.00	494+00.00	RIGHT	69	58	80	-22	42	18	+24
IL-394	494+00.00	495+00.00	RIGHT	82	70	133	-63	72	36	+36
IL-394	495+00.00	496+00.00	RIGHT	42	35	53	-18	33	18	+15
IL-394	496+00.00	497+00.00	RIGHT	113	96	198	-102	87	63	+24
IL-394	497+00.00	497+35.71	RIGHT	49	42	94	-52	27	21	+6
IL-394	497+35.71	498+00.00	RIGHT	84	71	139	-68	48	38	+11
IL-394	498+00.00	499+00.00	RIGHT	81	69	140	-70	77	53	+23
IL-394	499+00.00	500+00.00	RIGHT	42	35	51	-16	33	21	+11
IL-394	500+00.00	501+00.00	RIGHT	31	26	42	-16	37	33	+5
IL-394	501+00.00	502+00.00	RIGHT	60	51	29	+22	37	31	+6
IL-394	502+00.00	503+00.00	RIGHT	61	52	58	-6	62	54	+8
IL-394	503+00.00	503+50.00	RIGHT	31	26	22	+4	26	21	+4
IL-394	503+50.00	504+00.00	RIGHT	31	26	28	-2	30	25	+4
IL-394	504+00.00	504+36.68	RIGHT	22	18	27	-8	29	26	+3
IL-394	504+36.68	505+00.00	RIGHT	37	32	50	-18	56	52	+5
IL-394	505+00.00	506+00.00	RIGHT	61	52	92	-40	87	79	+8
IL-394	506+00.00	507+00.00	RIGHT	61	52	55	-4	60	52	+8
IL-394	507+00.00	508+00.00	RIGHT	61	52	13	+39	24	17	+7
IL-394	508+00.00	508+62.00	RIGHT	38	32	21	+11	20	16	+4
IL-394	508+62.00	509+00.00	RIGHT	23	19	13	+7	12	10	+2
IL-394	509+00.00	510+00.00	RIGHT	30	26	1	+24	3	0	+3
SUBTOTAL				1135	965	1340	-376	903	682	+221

EARTHWORK SCHEDULE OF QUANTITIES - SUMMARY

CODE NO.	ITEM	UNIT	TOTAL	IL-394			IL-394		BURVILLE RD	
				LEFT	MEDIAN	RIGHT	EXCHANGE ST	LEFT	RIGHT	
20200100	EARTH EXCAVATION	CU YD	4,624	1,189	1,754	1,135	246	165	135	
	EARTHWORK ADJUSTED FOR SHRINKAGE	CU YD	3,930	1,011	1,491	965	209	141	113	
	PROPOSED FILL	CU YD	2,940	1,277	190	1,340	21	63	49	
	EARTHWORK BALANCE	CU YD	+989	-266	+1,301	-376	+188	+78	+64	
21101505	TOPSOIL EXCAVATION AND PLACEMENT	CU YD	2,896	1,030	676	903	74	153	60	
	PROPOSED TOPSOIL	CU YD	1,810	625	307	682	51	83	62	
	TOPSOIL BALANCE	CU YD	+1,086	+405	+369	+221	+23	+70	-2	

COLUMN 1 - 4: LOCATION FROM PLAN
 COLUMN 5: QUANTITIES OF EARTH EXCAVATION (CUT) FROM CROSS SECTIONS, WHICH DOES NOT INCLUDE TOPSOIL.
 COLUMN 6: QUANTITIES OF EARTH EXCAVATION (CUT ADJUSTED FOR A SHRINKAGE FACTOR OF 15%).
 COLUMN 7: QUANTITIES OF EMBANKMENT (FILL) FROM CROSS SECTIONS.
 COLUMN 8: EARTHWORK REQUIRED (COLUMN 6 - COLUMN 7)
 (+) = QUANTITY TO BE WASTED (-) = QUANTITY OF EMBANKMENT (FILL) NEEDED
 COLUMN 9: QUANTITIES OF EXISTING TOPSOIL FROM CROSS SECTIONS, TO BE PAID FOR AS "TOPSOIL EXCAVATION AND PLACEMENT".
 COLUMN 10: QUANTITIES OF TOPSOIL NEEDED FOR LANDSCAPING FROM CROSS SECTIONS.
 COLUMN 11: TOPSOIL REQUIRED (COLUMN 9 - COLUMN 10)
 (+) = QUANTITY OF TOPSOIL TO BE WASTED (-) = QUANTITY OF FURNISHED TOPSOIL NEEDED

EARTHWORK SCHEDULE CONT.

ALIGNMENT	FROM STATION	TO STATION	OFFSET	EARTH EXCAVATION	EARTH EXCAVATION TO BE USED IN FILL (ADJUSTED FOR SHRINKAGE)	FILL	EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-)	TOPSOIL EXCAVATION (EXISTING TOPSOIL) (DEPTH = 6")	TOPSOIL PLACEMENT (PROPOSED TOPSOIL) (DEPTH = 6")	TOPSOIL BALANCE WASTE (+) OR SHORTAGE (-)
				CU YD	CU YD	CU YD	CU YD	CU YD	CU YD	CU YD
W BURVILLE RD	196+00.00	197+00.00	LEFT	13	11	7	+4	16	10	+6
W BURVILLE RD	197+00.00	198+00.00	LEFT	22	18	10	+8	22	18	+4
W BURVILLE RD	198+00.00	199+00.00	LEFT	24	21	2	+19	10	16	-6
W BURVILLE RD	199+00.00	200+00.00	LEFT	16	14	0	+14	4	8	-4
				75	64	19	+45	52	52	+0

EARTHWORK SCHEDULE CONT.

ALIGNMENT	FROM STATION	TO STATION	OFFSET	EARTH EXCAVATION	EARTH EXCAVATION TO BE USED IN FILL (ADJUSTED FOR SHRINKAGE)	FILL	EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-)	TOPSOIL EXCAVATION (EXISTING TOPSOIL) (DEPTH = 6")	TOPSOIL PLACEMENT (PROPOSED TOPSOIL) (DEPTH = 6")	TOPSOIL BALANCE WASTE (+) OR SHORTAGE (-)
				CU YD	CU YD	CU YD	CU YD	CU YD	CU YD	CU YD
W BURVILLE RD	196+00.00	197+00.00	RIGHT	5	4	4	+0	4	4	+1
W BURVILLE RD	197+00.00	198+00.00	RIGHT	12	10	12	-2	5	14	-9
W BURVILLE RD	198+00.00	199+00.00	RIGHT	13	11	15	-4	4	22	-18
W BURVILLE RD	199+00.00	200+00.00	RIGHT	7	6	7	-1	3	12	-9
				37	31	38	-7	17	52	-35

EARTHWORK SCHEDULE CONT.

ALIGNMENT	FROM STATION	TO STATION	OFFSET	EARTH EXCAVATION	EARTH EXCAVATION TO BE USED IN FILL (ADJUSTED FOR SHRINKAGE)	FILL	EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-)	TOPSOIL EXCAVATION (EXISTING TOPSOIL) (DEPTH = 6")	TOPSOIL PLACEMENT (PROPOSED TOPSOIL) (DEPTH = 6")	TOPSOIL BALANCE WASTE (+) OR SHORTAGE (-)
				CU YD	CU YD	CU YD	CU YD	CU YD	CU YD	CU YD
E BURVILLE RD	200+00.00	201+00.00	LEFT	22	19	21	-2	32	11	+21
E BURVILLE RD	201+00.00	202+00.00	LEFT	39	33	22	+11	43	11	+32
E BURVILLE RD	202+00.00	203+00.00	LEFT	23	20	1	+18	19	5	+14
E BURVILLE RD	203+00.00	204+00.00	LEFT	6	5	0	+5	8	4	+4
				90	77	44	+33	101	31	+70

EARTHWORK SCHEDULE CONT.

ALIGNMENT	FROM STATION	TO STATION	OFFSET	EARTH EXCAVATION	EARTH EXCAVATION TO BE USED IN FILL (ADJUSTED FOR SHRINKAGE)	FILL	EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-)	TOPSOIL EXCAVATION (EXISTING TOPSOIL) (DEPTH = 6")	TOPSOIL PLACEMENT (PROPOSED TOPSOIL) (DEPTH = 6")	TOPSOIL BALANCE WASTE (+) OR SHORTAGE (-)
				CU YD	CU YD	CU YD	CU YD	CU YD	CU YD	CU YD
E BURVILLE RD	200+00.00	201+00.00	RIGHT	34	29	3	+26	18	2	+16
E BURVILLE RD	201+00.00	202+00.00	RIGHT	44	37	6	+31	19	4	+15
E BURVILLE RD	202+00.00	203+00.00	RIGHT	14	12	2	+10	4	3	+1
E BURVILLE RD	203+00.00	204+00.00	RIGHT	5	4	0	+4	3	1	+2
				98	82	11	+71	43	10	+33

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	DRAWN - JK	REVISED -
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PLOT DATE = 3/27/2023	DATE - 3/17/2023	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

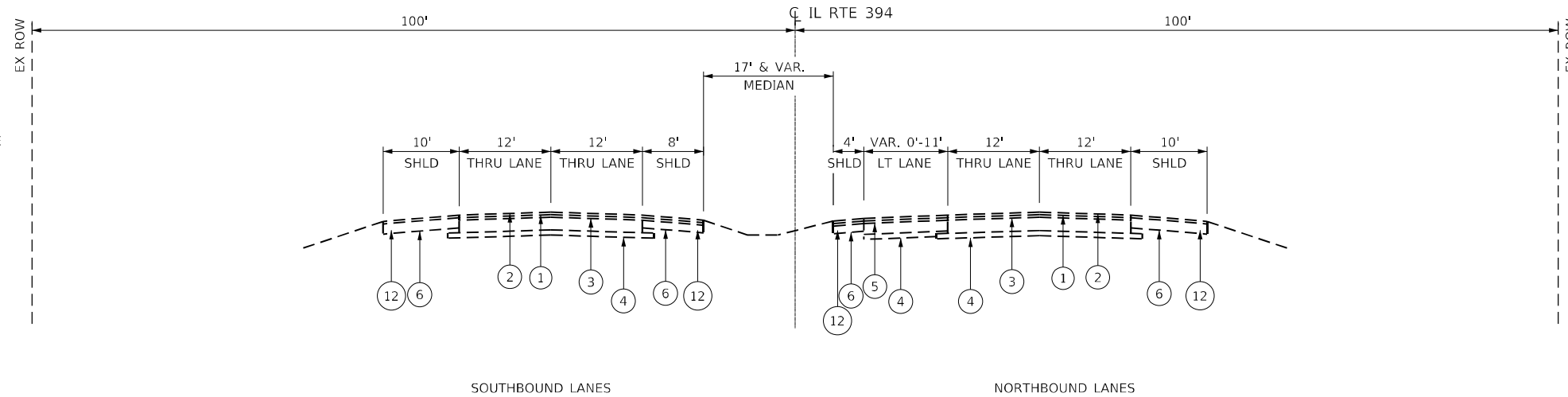
IL RTE 394 AT BURVILLE RD
SCHEDULE OF QUANTITIES

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

F.A.P. RTE. 332	SECTION 2021-057-N	COUNTY WILL	TOTAL SHEETS 110	SHEET NO. 21
CONTRACT NO. 62N88			ILLINOIS FED. AID PROJECT	

EXISTING CONDITIONS

- ① POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, STONE MATRIX ASPHALT, N80, 2"
- ② HOT-MIX ASPHALT SURFACE COURSE, STONE MATRIX ASPHALT, N80 2"
- ③ 10" PORTLAND CEMENT CONCRETE PAVEMENT
- ④ 4" SUBBASE, GRANULAR MATERIAL, TYPE A
- ⑤ 8" CEMENT AGGREGATE MIXTURE II BASE COURSE
- ⑥ 10" HMA SHOULDER
- ⑦ 6" STABILIZED SHOULDER
- ⑧ MEDIAN TYPE C-4
- ⑨ 1½" HMA SURFACE COURSE
- ⑩ 1½" HMA BINDER COURSE
- ⑪ EXISTING GUARDRAIL
- ⑫ PAVED SHOULDER REMOVAL

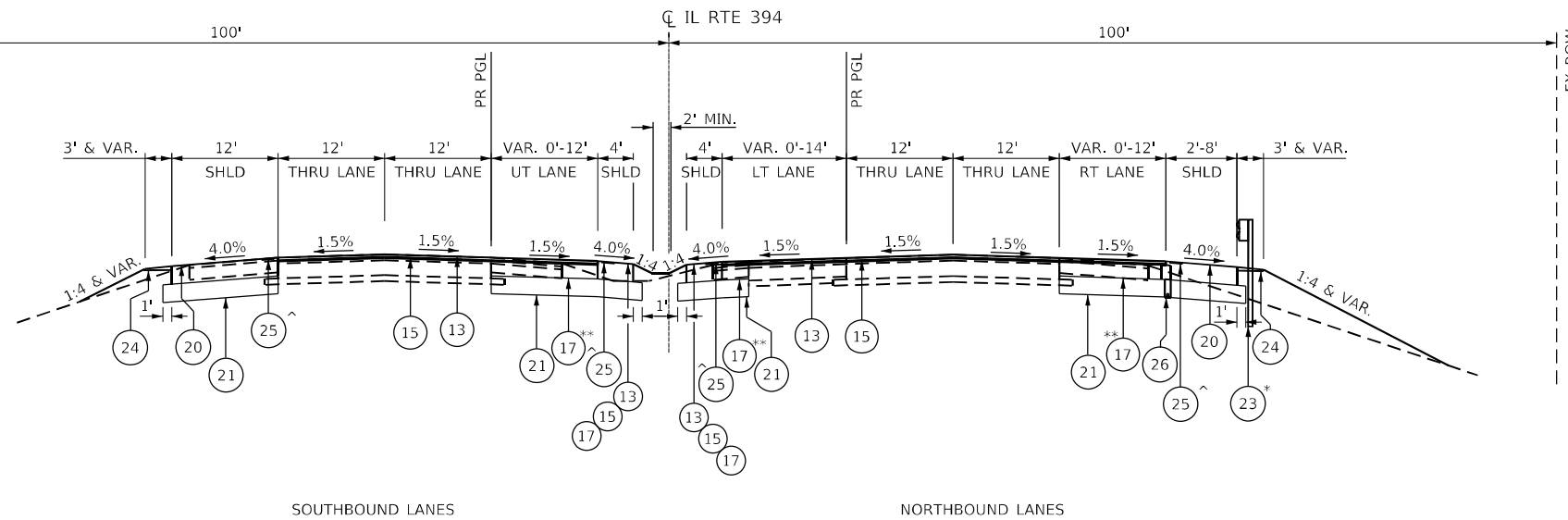


EXISTING TYPICAL SECTION

STA 493+00 TO STA 500+00, IL ROUTE 394
SOUTH OF BURVILLE ROAD INTERSECTION
(LOOKING NORTH)

PROPOSED IMPROVEMENTS

- ⑬ 1¾" POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, SMA, 9.5, MIX "F" N80
- ⑭ 1¾" HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70
- ⑮ ¾" POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-4.75, N50
- ⑯ HOT-MIX ASPHALT BASE COURSE, 10½"
HOT-MIX ASPHALT BASE COURSE WIDENING, 10½" ^^^
- ⑰ HOT-MIX ASPHALT BASE COURSE, 9¾"
HOT-MIX ASPHALT BASE COURSE WIDENING, 9¾" **
- ⑱ HOT-MIX ASPHALT BASE COURSE, 5½"
HOT-MIX ASPHALT BASE COURSE WIDENING, 5½" ***
- ⑲ HOT-MIX ASPHALT SHOULDERS, 8"
- ⑳ HOT-MIX ASPHALT SHOULDERS, 12¾"
- ㉑ AGGREGATE SUBGRADE IMPROVEMENT, 12"
- ㉒ CONCRETE MEDIAN, TYPE M-2.12
- ㉓ PROPOSED GUARDRAIL
- ㉔ AGGREGATE WEDGE SHOULDER, TYPE B
- ㉕ SHOULDER RUMBLE STRIPS, 16 INCH
- ㉖ PROPOSED PIPE UNDERDRAINS, 6"



PROPOSED TYPICAL SECTION

STA 493+00 TO STA 500+00, IL ROUTE 394
SOUTH OF BURVILLE ROAD INTERSECTION
(LOOKING NORTH)

* LIMITS OF PR GUARDRAIL
STA 495+57 TO 498+32 RT
STA 501+14 TO 507+89 RT
STA 502+86 TO 507+48 LT

** FOR WIDENING OF SIX FEET OR LESS USE
HOT-MIX ASPHALT BASE COURSE WIDENING, 9¾"

** LIMITS OF HOT-MIX ASPHALT BASE
COURSE WIDENING, 9¾"
STA 493+00 TO 493+46 RT
STA 494+01 TO 494+47 LT
STA 494+06 TO 494+68 RT
STA 500+37 TO 503+27 RT
STA 503+87 TO 505+04 LT
STA 505+40 TO 507+99 LT
STA 508+30 TO 509+00 RT
STA 201+13 TO 201+45 RT

^ LIMITS OF SHOULDER RUMBLE STRIPS, 16 INCH
STA 493+00 TO 499+33 SB, LT
STA 494+15 TO 499+40 SB, RT
STA 493+00 TO 499+36 NB, RT
STA 494+15 TO 499+40 NB, LT
STA 500+90 TO 509+00 SB, LT
STA 500+50 TO 507+97 SB, RT
STA 500+98 TO 509+00 NB, RT
STA 500+50 TO 507+97 NB, LT

^^ LIMITS OF TYPE M-4.12 MEDIAN
STA 499+16.49 TO STA 500+83.88

NOTE:
REFER TO SHEET 63 & 64 FOR MEDIAN
ISLAND LAYOUT DETAILS

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	DRAWN - JK	REVISED -
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

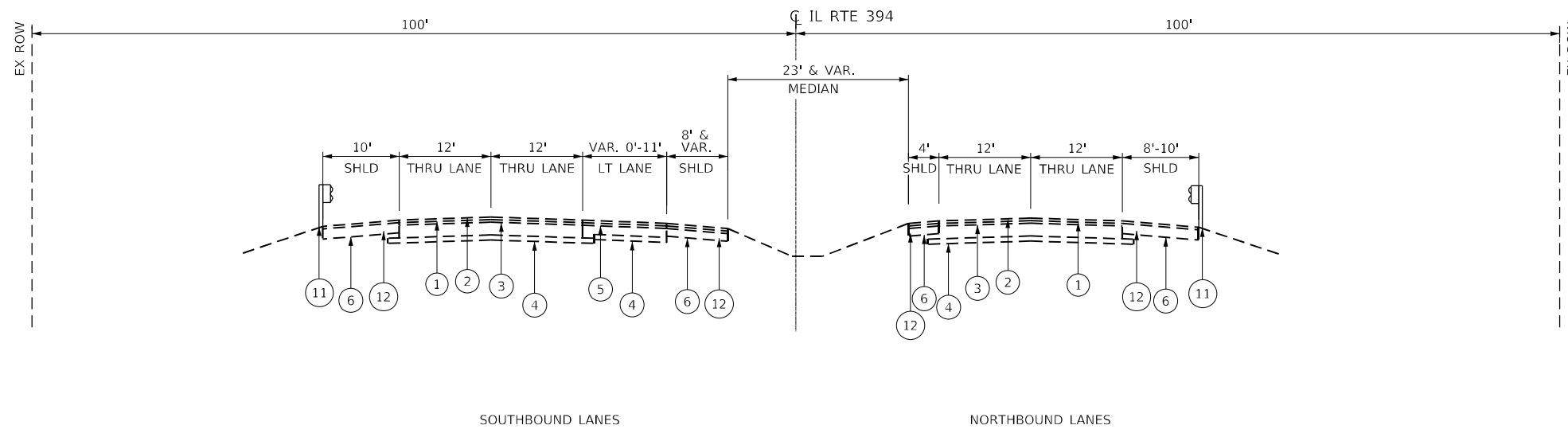
IL RTE 394 AT BURVILLE RD
TYPICAL SECTIONS

SCALE: N.T.S. SHEET 1 OF 5 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
332	2021-057-N	WILL	110	22
CONTRACT NO. 62N88				
ILLINOIS FED. AID PROJECT				

EXISTING CONDITIONS

- ① POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, STONE MATRIX ASPHALT, N80, 2"
- ② HOT-MIX ASPHALT SURFACE COURSE, STONE MATRIX ASPHALT, N80 2"
- ③ 10" PORTLAND CEMENT CONCRETE PAVEMENT
- ④ 4" SUBBASE, GRANULAR MATERIAL, TYPE A
- ⑤ 8" CEMENT AGGREGATE MIXTURE II BASE COURSE
- ⑥ 10" HMA SHOULDER
- ⑦ 6" STABILIZED SHOULDER
- ⑧ MEDIAN TYPE C-4
- ⑨ 1½" HMA SURFACE COURSE
- ⑩ 1½" HMA BINDER COURSE
- ⑪ EXISTING GUARDRAIL
- ⑫ PAVED SHOULDER REMOVAL

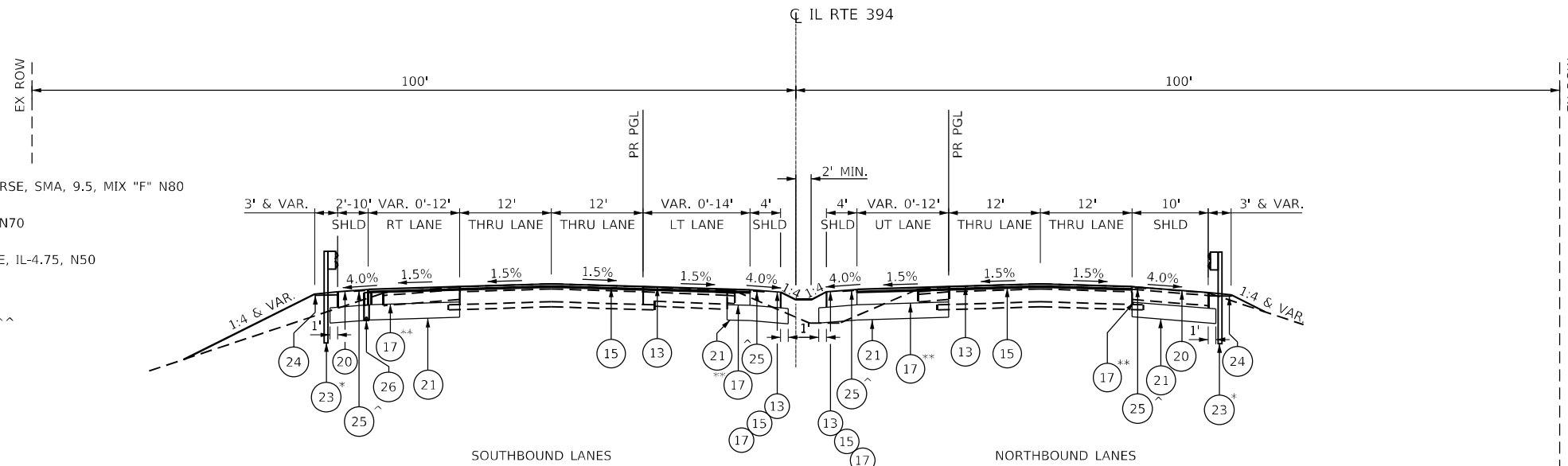


EXISTING TYPICAL SECTION

STA 500+00 TO STA 509+00, IL ROUTE 394
NORTH OF BURVILLE ROAD INTERSECTION
(LOOKING NORTH)

PROPOSED IMPROVEMENTS

- ⑬ 1¾" POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, SMA, 9.5, MIX "F" N80
- ⑭ 1¾" HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70
- ⑮ ¾" POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-4.75, N50
- ⑯ HOT-MIX ASPHALT BASE COURSE, 10½"
HOT-MIX ASPHALT BASE COURSE WIDENING, 10½" ^^^
- ⑰ HOT-MIX ASPHALT BASE COURSE, 9¾"
HOT-MIX ASPHALT BASE COURSE WIDENING, 9¾" **
- ⑱ HOT-MIX ASPHALT BASE COURSE, 5½"
HOT-MIX ASPHALT BASE COURSE WIDENING, 5½" ***
- ⑲ HOT-MIX ASPHALT SHOULDERS, 8"
- ⑳ HOT-MIX ASPHALT SHOULDERS, 12¼"
- ㉑ AGGREGATE SUBGRADE IMPROVEMENT, 12"
- ㉒ CONCRETE MEDIAN, TYPE M-2.12
- ㉓ PROPOSED GUARDRAIL
- ㉔ AGGREGATE WEDGE SHOULDER, TYPE B
- ㉕ SHOULDER RUMBLE STRIPS, 16 INCH
- ㉖ PROPOSED PIPE UNDERDRAINS, 6"



PROPOSED TYPICAL SECTION

STA 500+00 TO STA 509+00, IL ROUTE 394
NORTH OF BURVILLE ROAD INTERSECTION
(LOOKING NORTH)

- * LIMITS OF PR GUARDRAIL
STA 495+57 TO 498+32 RT
STA 501+14 TO 507+89 RT
STA 502+86 TO 507+48 LT
- ** FOR WIDENING OF SIX FEET OR LESS USE
HOT-MIX ASPHALT BASE COURSE WIDENING, 9¾"
- ** LIMITS OF HOT-MIX ASPHALT BASE
COURSE WIDENING, 9¾"
STA 493+00 TO 493+46 RT
STA 494+01 TO 494+47 LT
STA 494+06 TO 494+68 RT
STA 500+37 TO 503+27 RT
STA 503+87 TO 505+04 LT
STA 505+40 TO 507+99 LT
STA 508+30 TO 509+00 RT
STA 201+13 TO 201+45 RT
- ^ LIMITS OF SHOULDER RUMBLE STRIPS, 16 INCH
STA 493+00 TO 499+33 SB, LT
STA 494+15 TO 499+40 SB, RT
STA 493+00 TO 499+36 NB, RT
STA 494+15 TO 499+40 NB, LT
STA 500+90 TO 509+00 SB, LT
STA 500+50 TO 507+97 SB, RT
STA 500+98 TO 509+00 NB, RT
STA 500+50 TO 507+97 NB, LT
- ^^ LIMITS OF TYPE M-4.12 MEDIAN
STA 499+16.49 TO STA 500+83.88

NOTE:
REFER TO SHEET 63 & 64 FOR MEDIAN
ISLAND LAYOUT DETAILS

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	DRAWN - JK	REVISED -
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

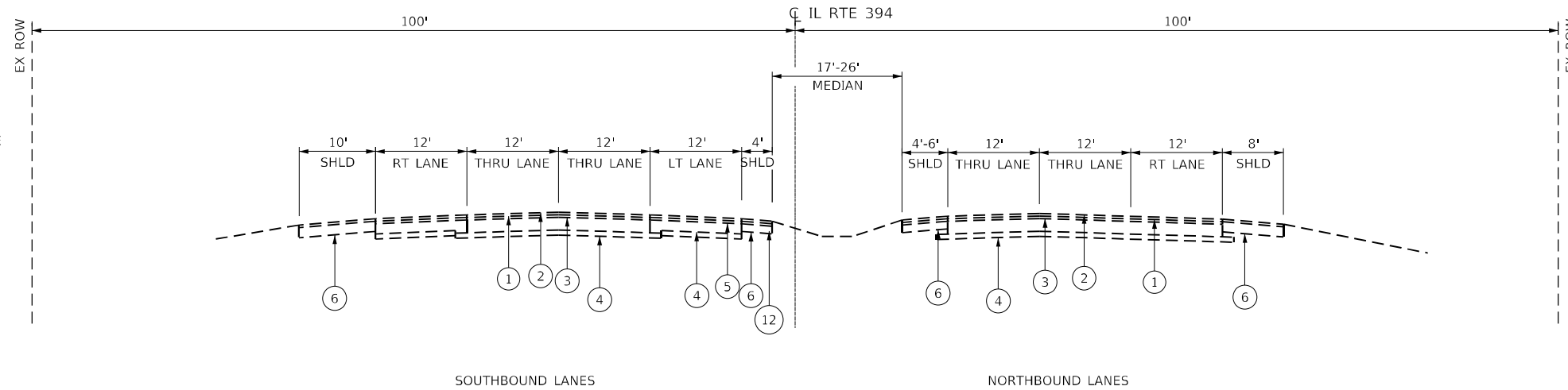
IL RTE 394 AT BURVILLE RD
TYPICAL SECTIONS

SCALE: N.T.S. SHEET 2 OF 5 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
332	2021-057-N	WILL	110	23
CONTRACT NO. 62N88				
ILLINOIS FED. AID PROJECT				

EXISTING CONDITIONS

- ① POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, STONE MATRIX ASPHALT, N80, 2"
- ② HOT-MIX ASPHALT SURFACE COURSE, STONE MATRIX ASPHALT, N80 2"
- ③ 10" PORTLAND CEMENT CONCRETE PAVEMENT
- ④ 4" SUBBASE, GRANULAR MATERIAL, TYPE A
- ⑤ 8" CEMENT AGGREGATE MIXTURE II BASE COURSE
- ⑥ 10" HMA SHOULDER
- ⑦ 6" STABILIZED SHOULDER
- ⑧ MEDIAN TYPE C-4
- ⑨ 1½" HMA SURFACE COURSE
- ⑩ 1½" HMA BINDER COURSE
- ⑪ EXISTING GUARDRAIL
- ⑫ PAVED SHOULDER REMOVAL

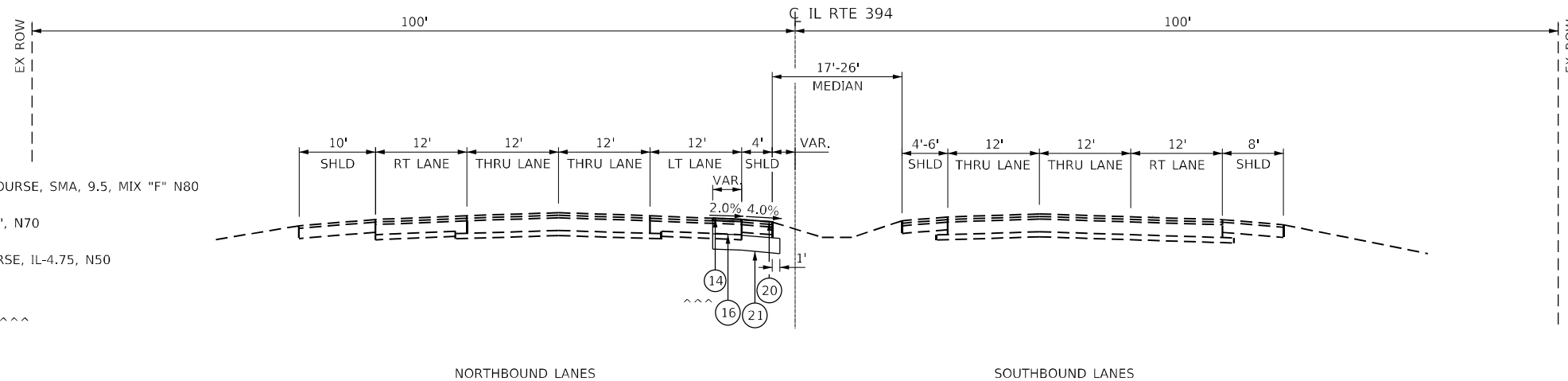


EXISTING TYPICAL SECTION

STA 527+00 TO STA 534+00, IL ROUTE 394
NORTH OF EXCHANGE STREET INTERSECTION
(LOOKING NORTH)

PROPOSED IMPROVEMENTS

- ⑬ 1¾" POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, SMA, 9.5, MIX "F" N80
- ⑭ 1¾" HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70
- ⑮ ¾" POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-4.75, N50
- ⑯ HOT-MIX ASPHALT BASE COURSE, 10½"
HOT-MIX ASPHALT BASE COURSE WIDENING, 10½" ^^^
- ⑰ HOT-MIX ASPHALT BASE COURSE, 9¾"
HOT-MIX ASPHALT BASE COURSE WIDENING, 9¾" **
- ⑱ HOT-MIX ASPHALT BASE COURSE, 5½"
HOT-MIX ASPHALT BASE COURSE WIDENING, 5½" ***
- ⑲ HOT-MIX ASPHALT SHOULDERS, 8"
- ⑳ HOT-MIX ASPHALT SHOULDERS, 12¾"
- ㉑ AGGREGATE SUBGRADE IMPROVEMENT, 12"
- ㉒ CONCRETE MEDIAN, TYPE M-2.12
- ㉓ PROPOSED GUARDRAIL
- ㉔ AGGREGATE WEDGE SHOULDER, TYPE B
- ㉕ SHOULDER RUMBLE STRIPS, 16 INCH
- ㉖ PROPOSED PIPE UNDERDRAINS, 6"



PROPOSED TYPICAL SECTION

STA 527+00 TO STA 534+00, IL ROUTE 394
NORTH OF BURVILLE ROAD INTERSECTION
(LOOKING NORTH)

* LIMITS OF PR GUARDRAIL
STA 495+57 TO 498+32 RT
STA 501+14 TO 507+89 RT
STA 502+86 TO 507+48 LT

^ LIMITS OF SHOULDER RUMBLE STRIPS, 16 INCH
STA 493+00 TO 499+33 SB, LT
STA 494+15 TO 499+40 SB, RT
STA 493+00 TO 499+36 NB, RT
STA 494+15 TO 499+40 NB, LT
STA 500+90 TO 509+00 SB, LT
STA 500+50 TO 507+97 SB, RT
STA 500+98 TO 509+00 NB, RT
STA 500+50 TO 507+97 NB, LT

^^ LIMITS OF TYPE M-4.12 MEDIAN
STA 499+16.49 TO STA 500+83.88

NOTE:
REFER TO SHEET 63 & 64 FOR MEDIAN
ISLAND LAYOUT DETAILS

^^^ FOR WIDENING OF SIX FEET OR LESS USE
HOT-MIX ASPHALT BASE COURSE WIDENING, 10½"

^^^ LIMITS OF HOT-MIX ASPHALT BASE
COURSE WIDENING, 10½"
STA 529+43.25 TO 530+23.37 LT

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	DRAWN - JK	REVISED -
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PLOT DATE = 3/27/2023	DATE - 3/17/2023	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

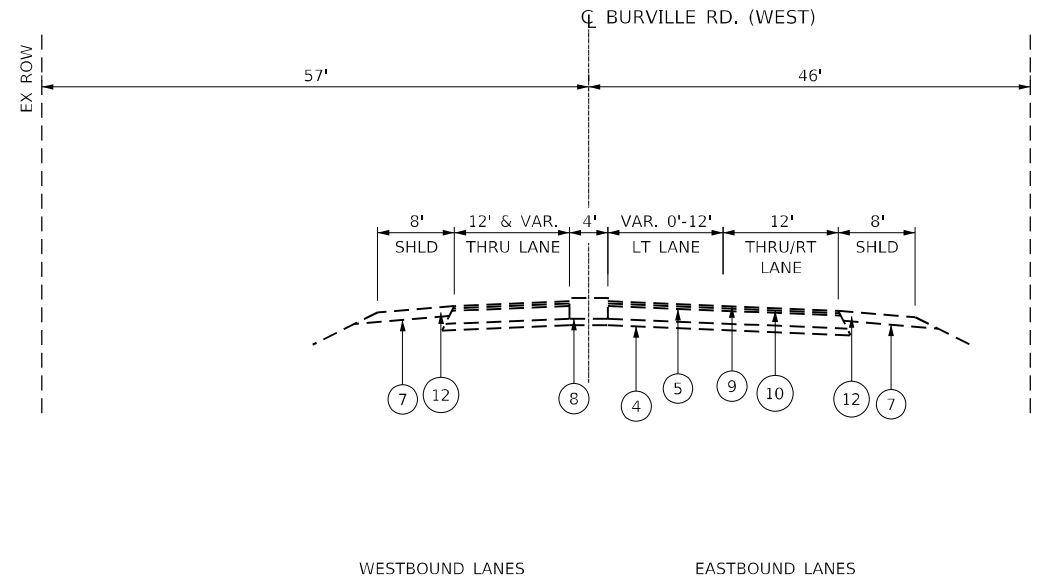
**IL RTE 394 AT BURVILLE RD
TYPICAL SECTIONS**

SCALE: N.T.S. SHEET 3 OF 5 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
332	2021-057-N	WILL	110	24
CONTRACT NO. 62N88			ILLINOIS FED. AID PROJECT	

EXISTING CONDITIONS

- ① POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, STONE MATRIX ASPHALT, N80, 2"
- ② HOT-MIX ASPHALT SURFACE COURSE, STONE MATRIX ASPHALT, N80 2"
- ③ 10" PORTLAND CEMENT CONCRETE PAVEMENT
- ④ 4" SUBBASE, GRANULAR MATERIAL, TYPE A
- ⑤ 8" CEMENT AGGREGATE MIXTURE II BASE COURSE
- ⑥ 10" HMA SHOULDER
- ⑦ 6" STABILIZED SHOULDER
- ⑧ MEDIAN TYPE C-4
- ⑨ 1½" HMA SURFACE COURSE
- ⑩ 1½" HMA BINDER COURSE
- ⑪ EXISTING GUARDRAIL
- ⑫ PAVED SHOULDER REMOVAL

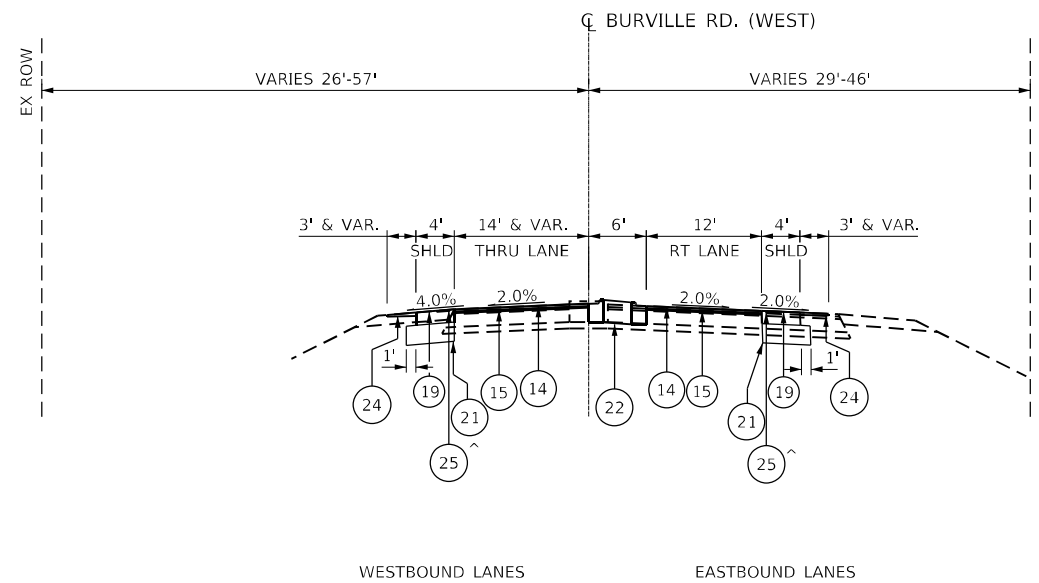


EXISTING TYPICAL SECTION

STA 195+00 TO STA 200+00, BURVILLE ROAD
WEST OF IL ROUTE 394 INTERSECTION
(LOOKING EAST)

PROPOSED IMPROVEMENTS

- ⑬ 1¾" POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, SMA, 9.5, MIX "F" N80
- ⑭ 1¾" HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70
- ⑮ ¾" POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-4.75, N50
- ⑯ HOT-MIX ASPHALT BASE COURSE, 10½"
HOT-MIX ASPHALT BASE COURSE WIDENING, 10½" ^^^
- ⑰ HOT-MIX ASPHALT BASE COURSE, 9¾"
HOT-MIX ASPHALT BASE COURSE WIDENING, 9¾" **
- ⑱ HOT-MIX ASPHALT BASE COURSE, 5½"
HOT-MIX ASPHALT BASE COURSE WIDENING, 5½" ***
- ⑲ HOT-MIX ASPHALT SHOULDERS, 8"
- ⑳ HOT-MIX ASPHALT SHOULDERS, 12¾"
- ㉑ AGGREGATE SUBGRADE IMPROVEMENT, 12"
- ㉒ CONCRETE MEDIAN, TYPE M-2.12
- ㉓ PROPOSED GUARDRAIL
- ㉔ AGGREGATE WEDGE SHOULDER, TYPE B
- ㉕ SHOULDER RUMBLE STRIPS, 16 INCH
- ㉖ PROPOSED PIPE UNDERDRAINS, 6"



PROPOSED TYPICAL SECTION

STA 195+00 TO STA 200+00, BURVILLE ROAD
WEST OF IL ROUTE 394 INTERSECTION
(LOOKING EAST)

*** FOR WIDENING OF SIX FEET OR LESS USE
HOT-MIX ASPHALT BASE COURSE WIDENING, 5½"

*** LIMITS OF HOT-MIX ASPHALT BASE COURSE WIDENING, 5½"
STA 201+35 TO 203+00 LT

^ LIMITS OF SHOULDER RUMBLE STRIPS, 16 INCH
STA 196+40 TO 199+44 RT
STA 196+40 TO 199+39 LT
STA 200+64 TO 203+00 RT
STA 200+54 TO 203+00 LT

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	DRAWN - JK	REVISED -
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

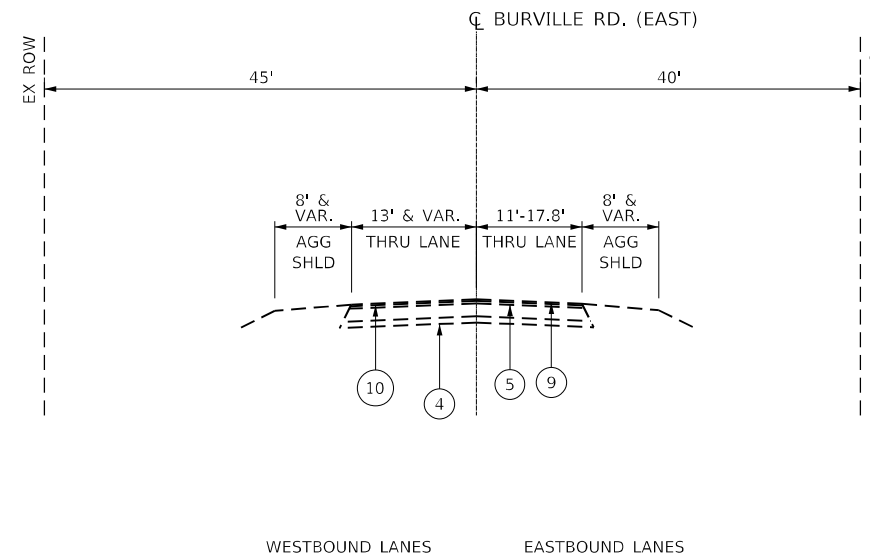
**IL RTE 394 AT BURVILLE RD
TYPICAL SECTIONS**

SCALE: N.T.S. SHEET 4 OF 5 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
332	2021-057-N	WILL	110	25
CONTRACT NO. 62N88			ILLINOIS FED. AID PROJECT	

EXISTING CONDITIONS

- ① POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, STONE MATRIX ASPHALT, N80, 2"
- ② HOT-MIX ASPHALT SURFACE COURSE, STONE MATRIX ASPHALT, N80 2"
- ③ 10" PORTLAND CEMENT CONCRETE PAVEMENT
- ④ 4" SUBBASE, GRANULAR MATERIAL, TYPE A
- ⑤ 8" CEMENT AGGREGATE MIXTURE II BASE COURSE
- ⑥ 10" HMA SHOULDER
- ⑦ 6" STABILIZED SHOULDER
- ⑧ MEDIAN TYPE C-4
- ⑨ 1½" HMA SURFACE COURSE
- ⑩ 1½" HMA BINDER COURSE
- ⑪ EXISTING GUARDRAIL
- ⑫ PAVED SHOULDER REMOVAL

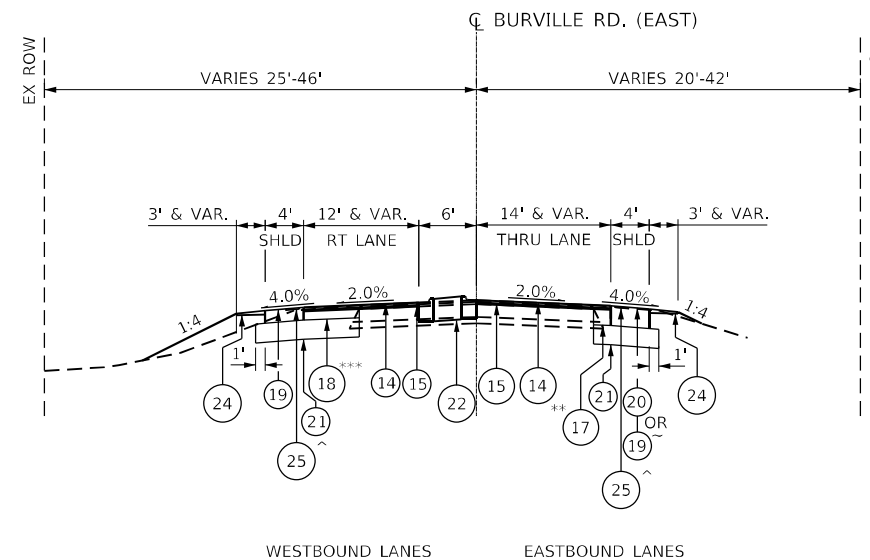


EXISTING TYPICAL SECTION

STA 200+00 TO STA 203+00, BURVILLE ROAD
EAST OF IL ROUTE 394 INTERSECTION
(LOOKING EAST)

PROPOSED IMPROVEMENTS

- ⑬ 1¾" POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, SMA, 9.5, MIX "F" N80
- ⑭ 1¾" HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70
- ⑮ ¾" POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-4.75, N50
- ⑯ HOT-MIX ASPHALT BASE COURSE, 10½"
HOT-MIX ASPHALT BASE COURSE WIDENING, 10½" ^^^
- ⑰ HOT-MIX ASPHALT BASE COURSE, 9¾"
HOT-MIX ASPHALT BASE COURSE WIDENING, 9¾" **
- ⑱ HOT-MIX ASPHALT BASE COURSE, 5½"
HOT-MIX ASPHALT BASE COURSE WIDENING, 5½" ***
- ⑲ HOT-MIX ASPHALT SHOULDERS, 8"
- ⑳ HOT-MIX ASPHALT SHOULDERS, 12¾"
- ㉑ AGGREGATE SUBGRADE IMPROVEMENT, 12"
- ㉒ CONCRETE MEDIAN, TYPE M-2.12
- ㉓ PROPOSED GUARDRAIL
- ㉔ AGGREGATE WEDGE SHOULDER, TYPE B
- ㉕ SHOULDER RUMBLE STRIPS, 16 INCH
- ㉖ PROPOSED PIPE UNDERDRAINS, 6"



PROPOSED TYPICAL SECTION

STA 200+00 TO STA 203+00, BURVILLE ROAD
EAST OF IL ROUTE 394 INTERSECTION
(LOOKING EAST)

** FOR WIDENING OF SIX FEET OR LESS USE
HOT-MIX ASPHALT BASE COURSE WIDENING, 9¾"

** LIMITS OF HOT-MIX ASPHALT BASE
COURSE WIDENING, 9¾"
STA 493+00 TO 493+46 RT
STA 494+01 TO 494+47 LT
STA 494+06 TO 494+68 RT
STA 500+37 TO 503+27 RT
STA 503+87 TO 505+04 LT
STA 505+40 TO 507+39 RT
STA 508+30 TO 509+00 RT
STA 201+13 TO 201+45 RT

*** FOR WIDENING OF SIX FEET OR LESS USE
HOT-MIX ASPHALT BASE COURSE WIDENING, 5½"

*** LIMITS OF HOT-MIX ASPHALT BASE COURSE WIDENING, 5½"
STA 201+35 TO 203+00 LT

^ LIMITS OF SHOULDER RUMBLE STRIPS, 16 INCH
STA 196+40 TO 199+44 RT
STA 196+40 TO 199+39 LT
STA 200+64 TO 203+00 RT
STA 200+54 TO 203+00 LT

~ LIMITS OF HOT-MIX ASPHALT SHOULDERS, 8"
STA 201+45 TO 203+00 RT

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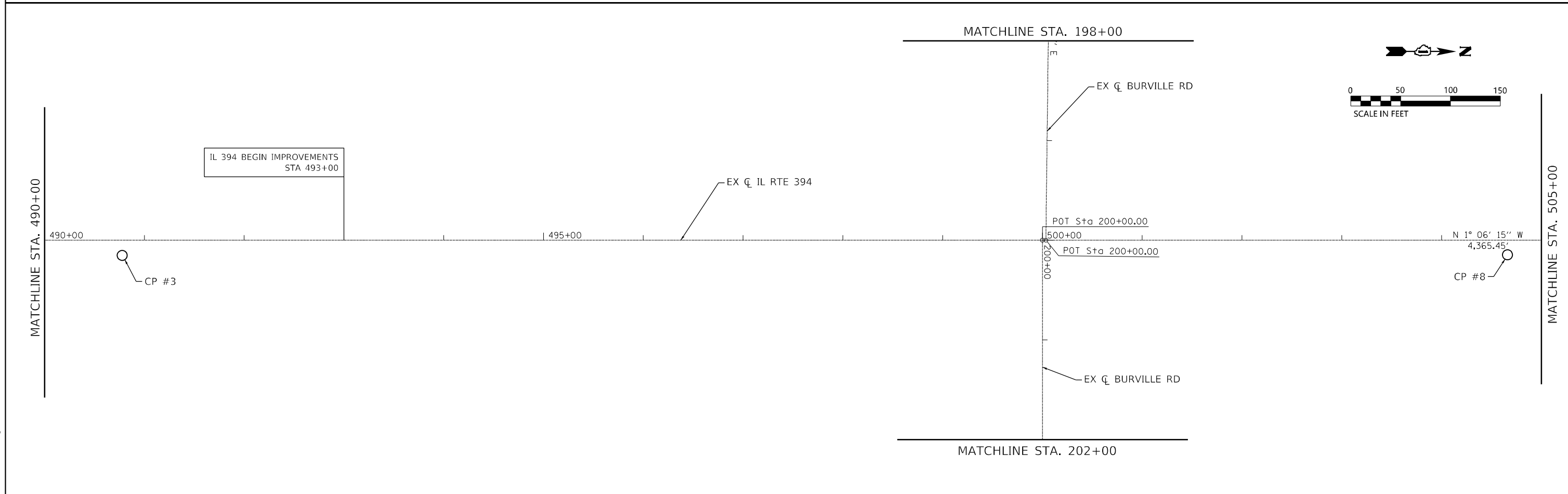
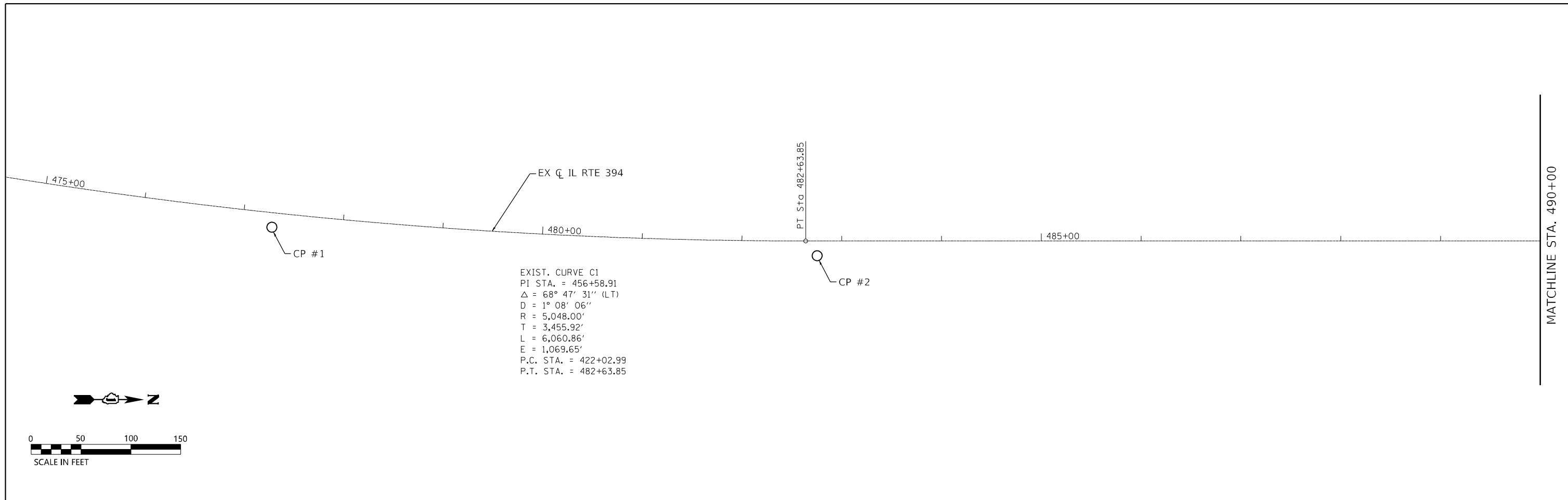
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PLOT DATE = 3/28/2023	DATE - 3/17/2023	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**IL RTE 394 AT BURVILLE RD
TYPICAL SECTIONS**

SCALE: N.T.S. SHEET 5 OF 5 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
332	2021-057-N	WILL	110	26
CONTRACT NO. 62N88			ILLINOIS FED. AID PROJECT	



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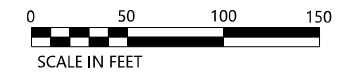
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	PLOT DATE = 3/27/2023	CHECKED - ST	REVISED -
		DATE - 3/17/2023	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**IL RTE 394 AT BURVILLE RD
ALIGNMENT, TIES AND BENCHMARKS**

SCALE: 1"=50' SHEET 1 OF 5 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
332	2021-057-N	WILL	110	27
CONTRACT NO. 62N88			ILLINOIS FED. AID PROJECT	



MATCH LINE STA 505+00.00

IL 394 END IMPROVEMENTS
STA 509+00

EX ζ IL RTE 394

505+00

510+00

515+00

CP #9

CP #10

MATCHLINE STA. 520+00

MATCH LINE STA 520+00

EX ζ EXCHANGE ST

IL 394 BEGIN IMPROVEMENTS
STA 527+12

IL 394 END IMPROVEMENTS
STA 533+77

EX ζ IL RTE 394

520+00

525+00

530+00

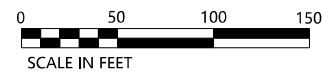
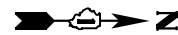
PI Sta 526+29.30

300+00

PI Sta 300+00.00

N 1° 05' 33" W
1,123.46'

CP #11



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LIN ENGINEERING, LTD.
Consulting Engineers
Westmont, Illinois

USER NAME = jkehn
PLOT SCALE = 100.0000' / in.
PLOT DATE = 3/27/2023

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DRAWN - JK
CHECKED - ST
DATE - 3/17/2023

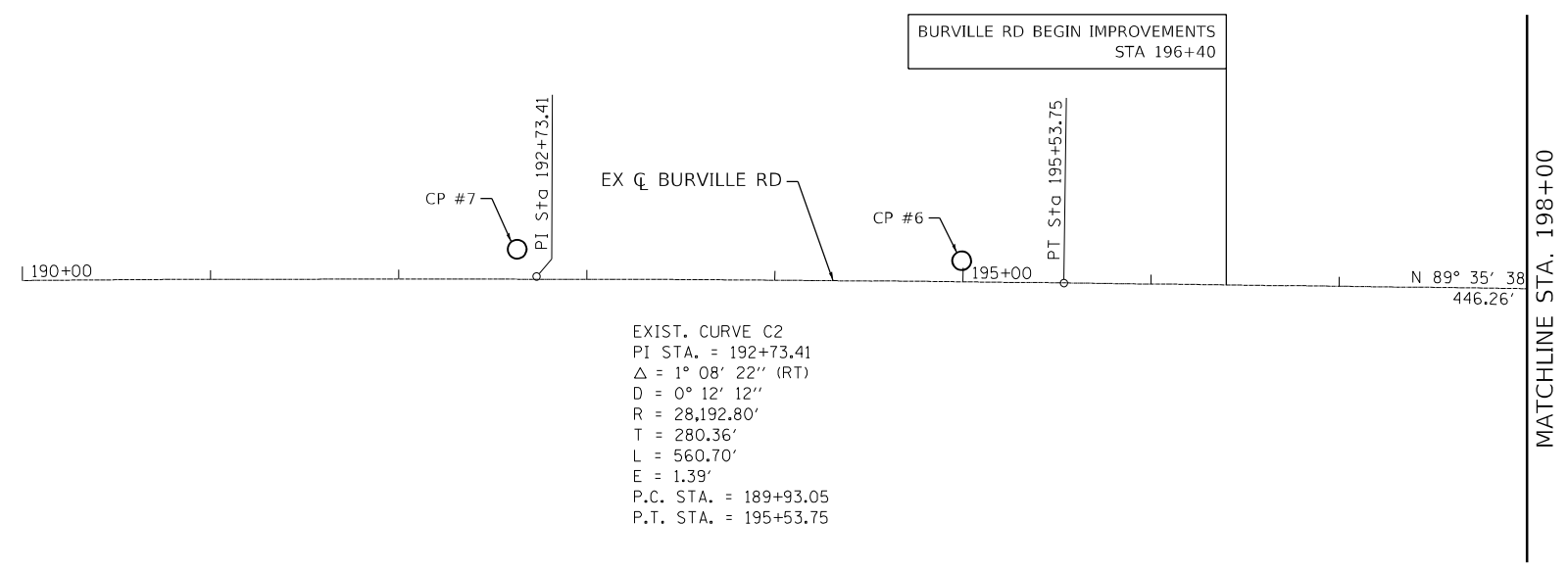
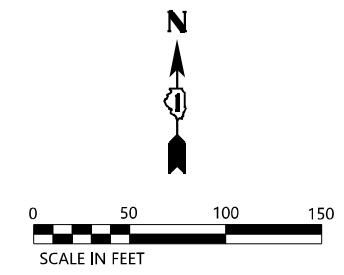
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

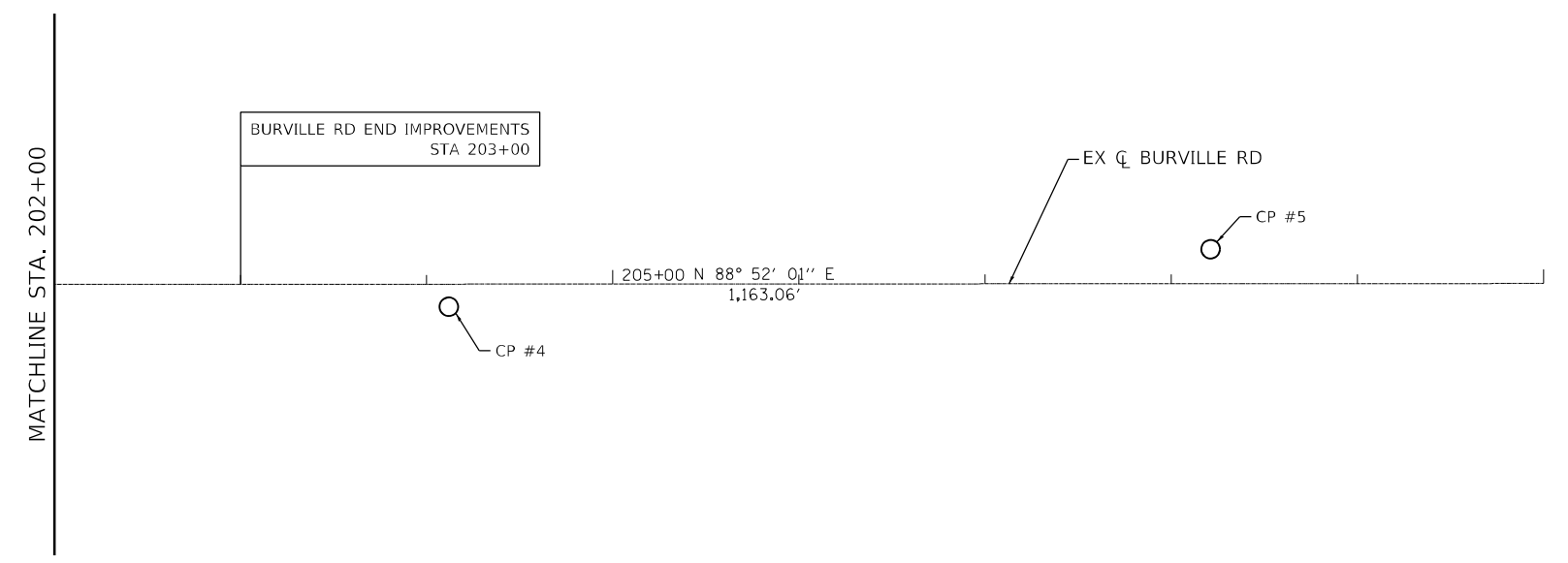
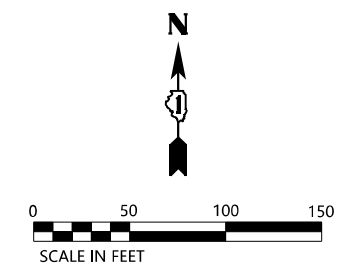
**IL RTE 394 AT BURVILLE RD
ALIGNMENT, TIES AND BENCHMARKS**

SCALE: 1"=50' SHEET 2 OF 5 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
332	2021-057-N	WILL	110	28
CONTRACT NO. 62N88				
ILLINOIS FED. AID PROJECT				



EXIST. CURVE C2
 PI STA. = 192+73.41
 Δ = 1° 08' 22" (RT)
 D = 0° 12' 12"
 R = 28,192.80'
 T = 280.36'
 L = 560.70'
 E = 1.39'
 P.C. STA. = 189+93.05
 P.T. STA. = 195+53.75



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USER NAME = jkehn	DESIGNED - JK	REVISED -
	DRAWN - JK	REVISED -
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PLOT DATE = 3/27/2023	DATE - 3/17/2023	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

IL RTE 394 AT BURVILLE RD ALIGNMENT, TIES AND BENCHMARKS	
SCALE: 1"=50'	SHEET 3 OF 5 SHEETS STA. TO STA.

F.A.P. RTE. 332	SECTION 2021-057-N	COUNTY WILL	TOTAL SHEETS 110	SHEET NO. 29
			CONTRACT NO. 62N88	
ILLINOIS FED. AID PROJECT				

CONTROL POINTS

CONTROL POINT #	NORTHING	EASTING	ELEVATION	STATION	OFFSET	DESCRIPTION
CP #1	1735596.624	1191736.214	686.250	477+29.45	14.55' RT	IRON ROD W/CAP
CP #2	1736143.476	1191754.195	691.567	482+75.32	14.73' RT	MAG NAIL
CP #3	1736945.920	1191739.220	696.736	490+77.84	15.29' RT	MAP NAIL
CP #4	1737863.578	1192118.266	690.466	204+11.88	12.12' RT	IRON ROD W/CAP
CP #5	1737902.380	1192526.849	694.643	208+21.14	18.59' LT	-
CP #6	1737878.593	1191205.372	700.233	194+99.29	11.20' LT	-
CP #7	1737880.199	1190968.951	707.479	192+63.03	15.93' LT	-
CP #8	1738333.740	1191712.311	701.519	504+66.01	14.68' RT	-
CP #9	1739043.113	1191698.234	704.094	511+75.49	14.62' RT	MAG NAIL
CP #10	1739520.524	1191726.605	705.632	516+52.27	52.22' RT	MAG NAIL
CP #11	1740181.645	1191675.509	708.284	523+14.25	13.87' RT	MAG NAIL

CURVE DATA

CURVE NO.	CURVE NAME	CENTERLINE	PC		PI		PT	
			NORTH	EAST	NORTH	EAST	NORTH	EAST
IL-394 CURVE-1	EXIST. CURVE C1	IL-394	1731364.404	1188609.116	1732676.451	1191806.289	1736131.730	1191739.692
IL-394 CURVE-2	EXIST. CURVE C2	IL-394	1737858.286	1190699.317	1737865.848	1190979.573	1737867.836	1191259.925

ALIGNMENT COORDINATES

	STATION	NORTHING	EASTING
POC	422+02.99	1731364.404	1188609.116
POI	456+58.91	1732676.451	1191806.289
POT	482+63.85	1736131.730	1191739.692
POC	189+93.05	1737858.286	1190699.317
POI	192+73.41	1737865.848	1190979.573
POT	195+53.75	1737867.836	1191259.925

BENCHMARK LIST

BM #	ELEV.	DESCRIPTION
BM-1	707.79	SET CUT " " IN SOUTHWEST CORNER OF TCB IN NORTHEAST QUADRANT OF IL-394 & EXCHANGE ST.
BM-2	695.88	SET CUT " " IN NORTHWEST CORNER OF TCB IN NORTHEAST QUADRANT OF IL-394 & BURVILLE RD.

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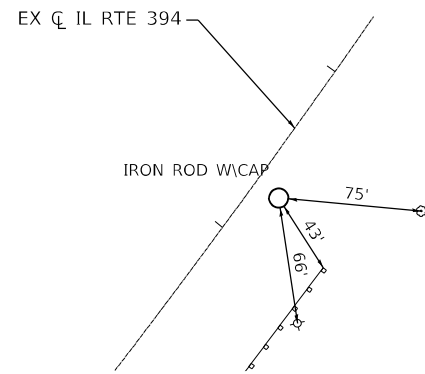


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PLOT DATE = 3/27/2023	DATE - 3/17/2023	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

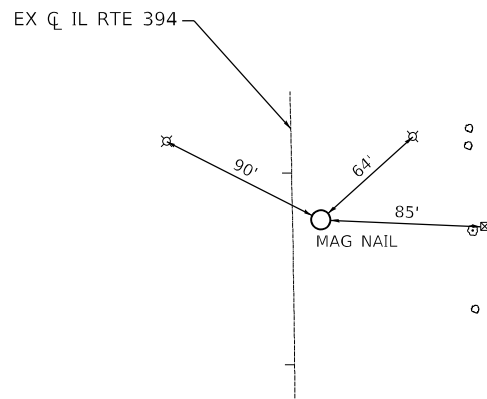
IL RTE 394 AT BURVILLE RD ALIGNMENT, TIES AND BENCHMARKS	
SCALE: N.T.S.	SHEET 4 OF 5 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
332	2021-057-N	WILL	110	30
CONTRACT NO. 62N88			ILLINOIS FED. AID PROJECT	



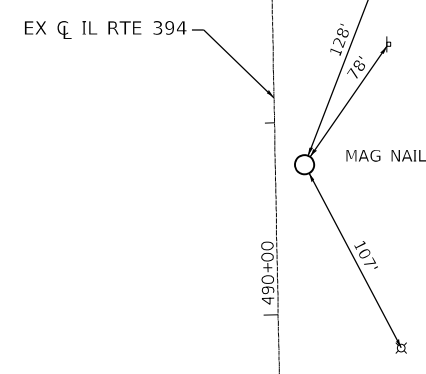
CONTROL POINT #1

STA 477+29.45
 N: 1735596.624 E: 1191736.214
 EL: 686.250
 N.T.S



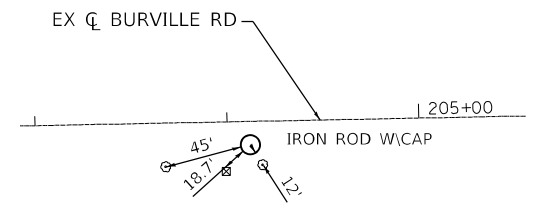
CONTROL POINT #2

STA 482+75.32
 N: 1736143.476 E: 1191754.195
 EL: 691.567
 N.T.S



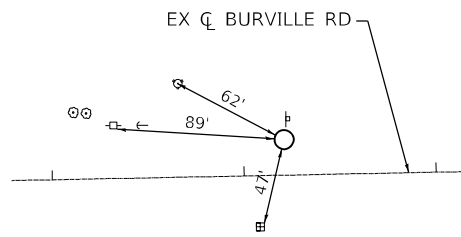
CONTROL POINT #3

STA 490+77.84
 N: 1736945.920 E: 1191739.220
 EL: 696.736
 N.T.S



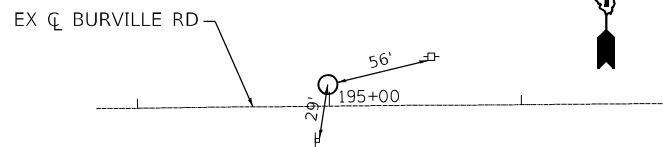
CONTROL POINT #4

STA 204+11.88
 N: 1737863.578 E: 1192118.266
 EL: 690.466
 N.T.S



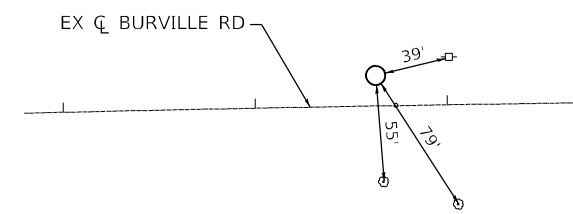
CONTROL POINT #5

STA 208+21.14
 N: 1737902.380 E: 1192526.849
 EL: 694.643
 N.T.S



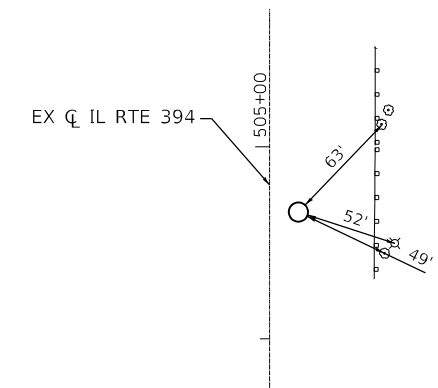
CONTROL POINT #6

STA 194+99.29
 N: 1737878.593 E: 1191205.372
 EL: 700.233
 N.T.S



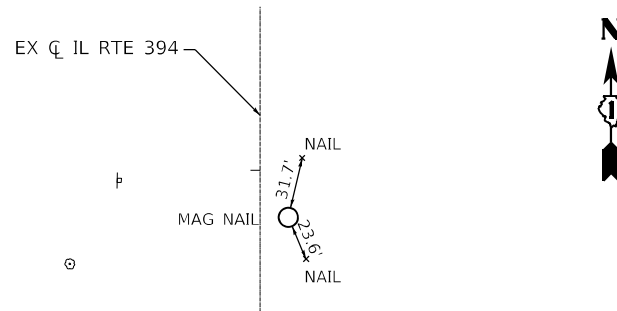
CONTROL POINT #7

STA 192+63.03
 N: 1737880.199 E: 1190968.951
 EL: 707.479
 N.T.S



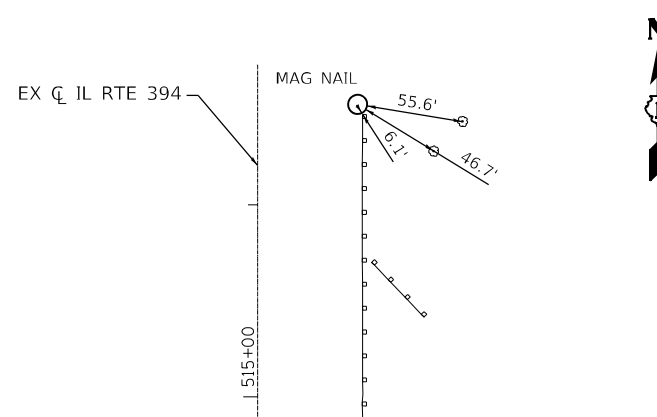
CONTROL POINT #8

STA 504+66.01
 N: 1738333.740 E: 1191712.311
 EL: 701.519
 N.T.S



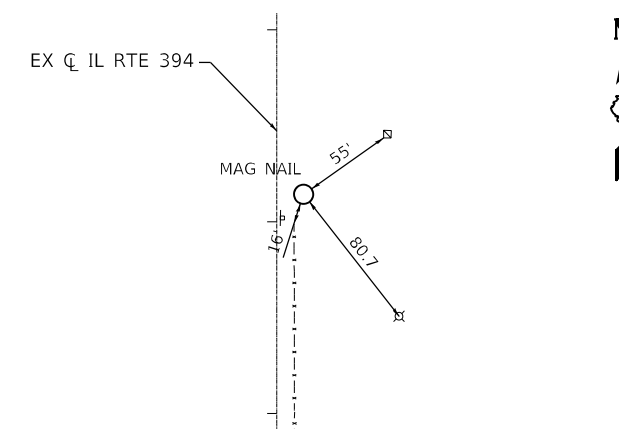
CONTROL POINT #9

STA 511+75.49
 N: 1739043.113 E: 1191698.234
 EL: 704.094
 N.T.S



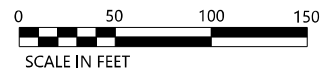
CONTROL POINT #10

STA 516+52.27
 N: 1739520.524 E: 1191726.605
 EL: 705.632
 N.T.S



CONTROL POINT #11

STA 523+14.25
 N: 1740181.645 E: 1191675.509
 EL: 708.284
 N.T.S



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










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	DRAWN - JK	REVISED -
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PLOT DATE = 3/27/2023	DATE - 3/17/2023	REVISED -

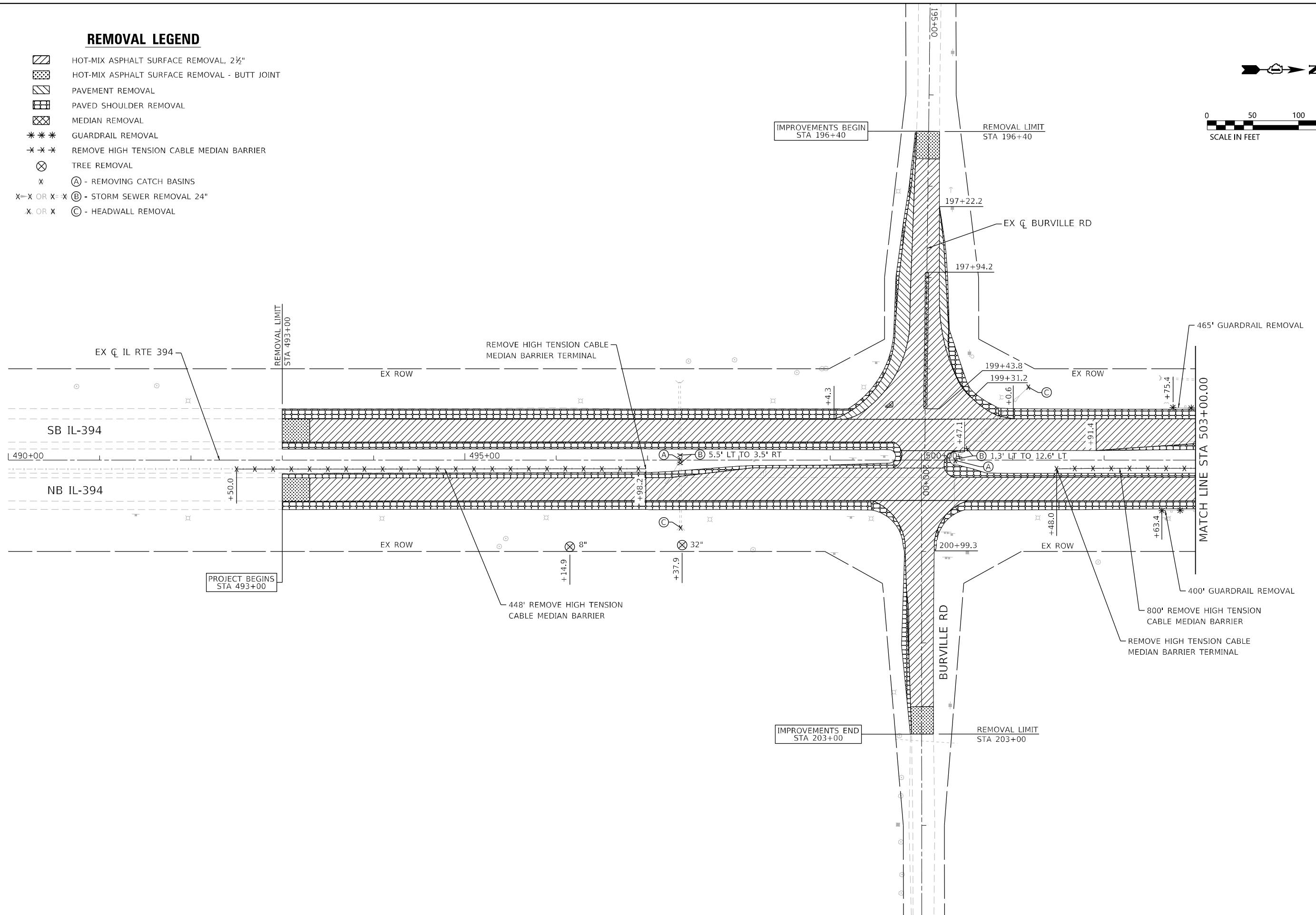
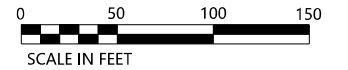
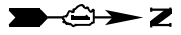
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

IL RTE 394 AT BURVILLE RD ALIGNMENT, TIES AND BENCHMARKS	
SCALE: 1"=50'	SHEET 5 OF 5 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
332	2021-057-N	WILL	110	31
CONTRACT NO. 62N88				
ILLINOIS FED. AID PROJECT				

REMOVAL LEGEND

-  HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/2"
-  HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT
-  PAVEMENT REMOVAL
-  PAVED SHOULDER REMOVAL
-  MEDIAN REMOVAL
-  GUARDRAIL REMOVAL
-  REMOVE HIGH TENSION CABLE MEDIAN BARRIER
-  TREE REMOVAL
-  (A) - REMOVING CATCH BASINS
-  (B) - STORM SEWER REMOVAL 24"
-  (C) - HEADWALL REMOVAL



FILE NAME = P14216-sh1t-ren01.dgn

 LIN ENGINEERING, LTD. Consulting Engineers Westmont, Illinois	USER NAME = jkehn	DESIGNED - JK	REVISED -
		DRAWN - JK	REVISED -
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	PLOT DATE = 3/27/2023	DATE - 3/17/2023	REVISED -









**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

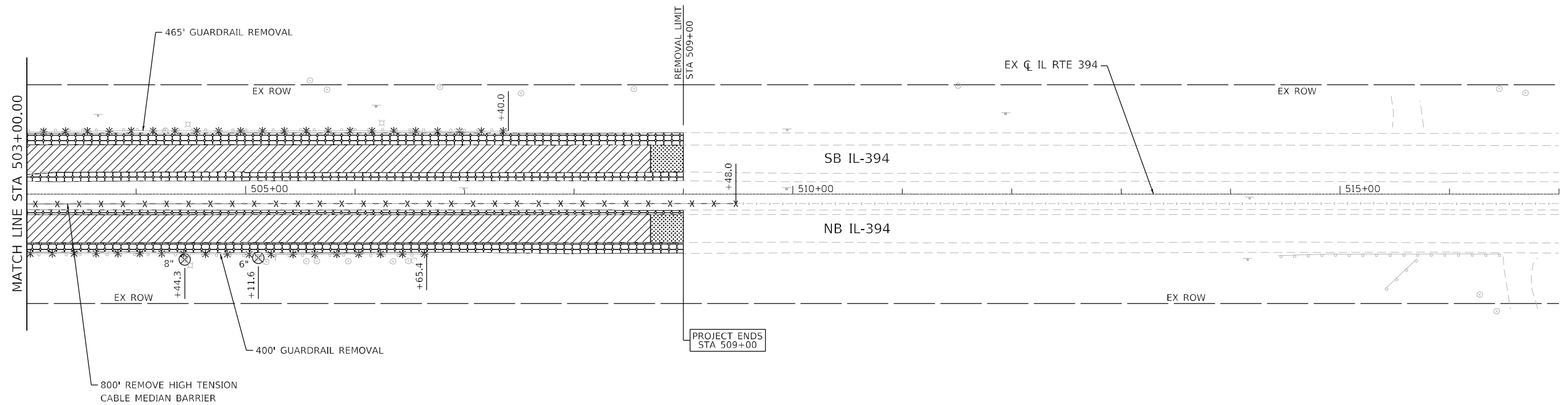
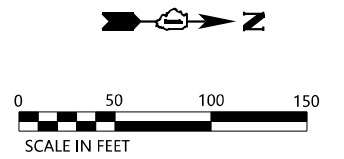
**IL RTE 394 AT BURVILLE RD
REMOVAL PLAN**

SCALE: 1"=50' SHEET 1 OF 3 SHEETS STA. 490+00.00 TO STA. 503+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
332	2021-057-N	WILL	110	32
CONTRACT NO. 62N88			ILLINOIS FED. AID PROJECT	

REMOVAL LEGEND









-  HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/2"
-  HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT
-  PAVEMENT REMOVAL
-  PAVED SHOULDER REMOVAL
-  MEDIAN REMOVAL
-  GUARDRAIL REMOVAL
-  REMOVE HIGH TENSION CABLE MEDIAN BARRIER
-  TREE REMOVAL

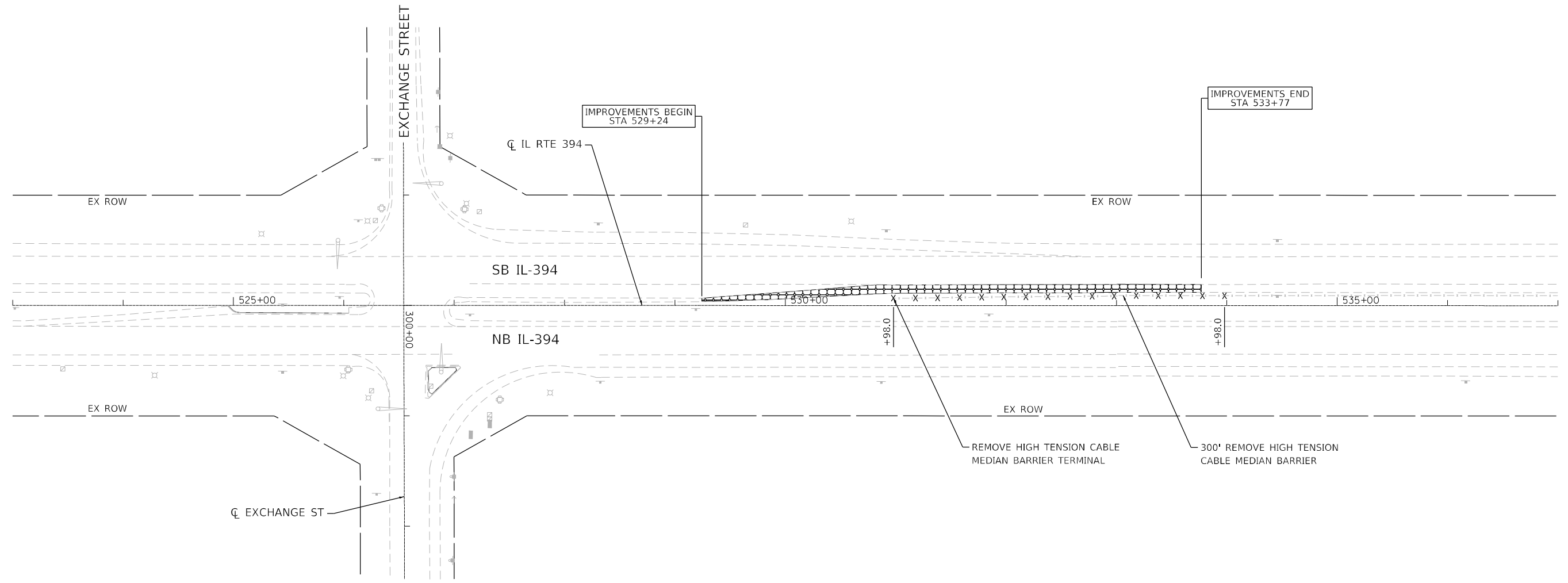
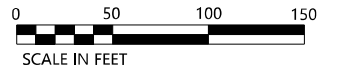


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 LIN ENGINEERING, LTD. Consulting Engineers Westmont, Illinois	USER NAME = jkehn	DESIGNED - JK	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	IL RTE 394 AT BURVILLE RD REMOVAL PLAN	F.A.P. RTE. 332	SECTION 2021-057-N	COUNTY WILL	TOTAL SHEETS 110	SHEET NO. 33	
	PLOT SCALE = 100.0000' / in.	CHECKED - ST	REVISED -			CONTRACT NO. 62N88					
	PLOT DATE = 3/27/2023	DATE - 3/17/2023	REVISED -			ILLINOIS FED. AID PROJECT					
					SCALE: 1"=50'		SHEET 2 OF 3 SHEETS		STA. 503+00.00 TO STA. 517+00.00		

REMOVAL LEGEND

-  HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/2"
-  HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT
-  PAVEMENT REMOVAL
-  PAVED SHOULDER REMOVAL
-  MEDIAN REMOVAL
-  GUARDRAIL REMOVAL
-  REMOVE HIGH TENSION CABLE MEDIAN BARRIER
-  TREE REMOVAL



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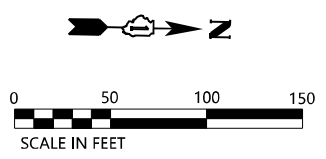
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PLOT DATE = 3/27/2023	DATE - 3/17/2023	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**IL RTE 394 AT BURVILLE RD
REMOVAL PLAN**

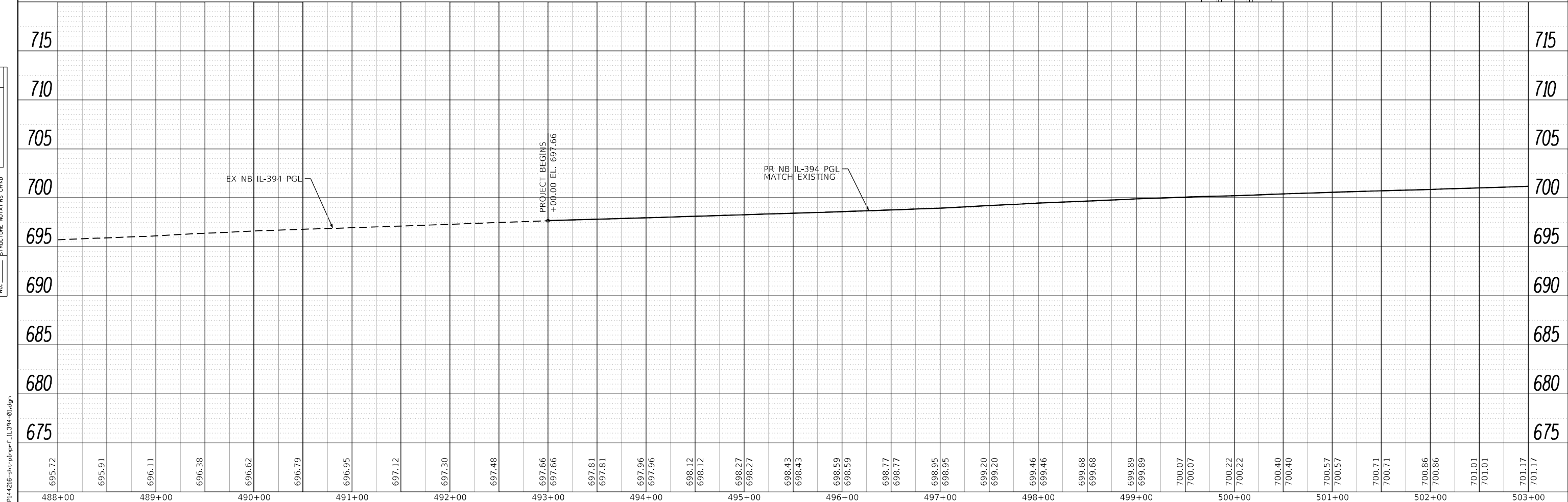
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
332	2021-057-N	WILL	110	34
CONTRACT NO. 62N88			ILLINOIS FED. AID PROJECT	

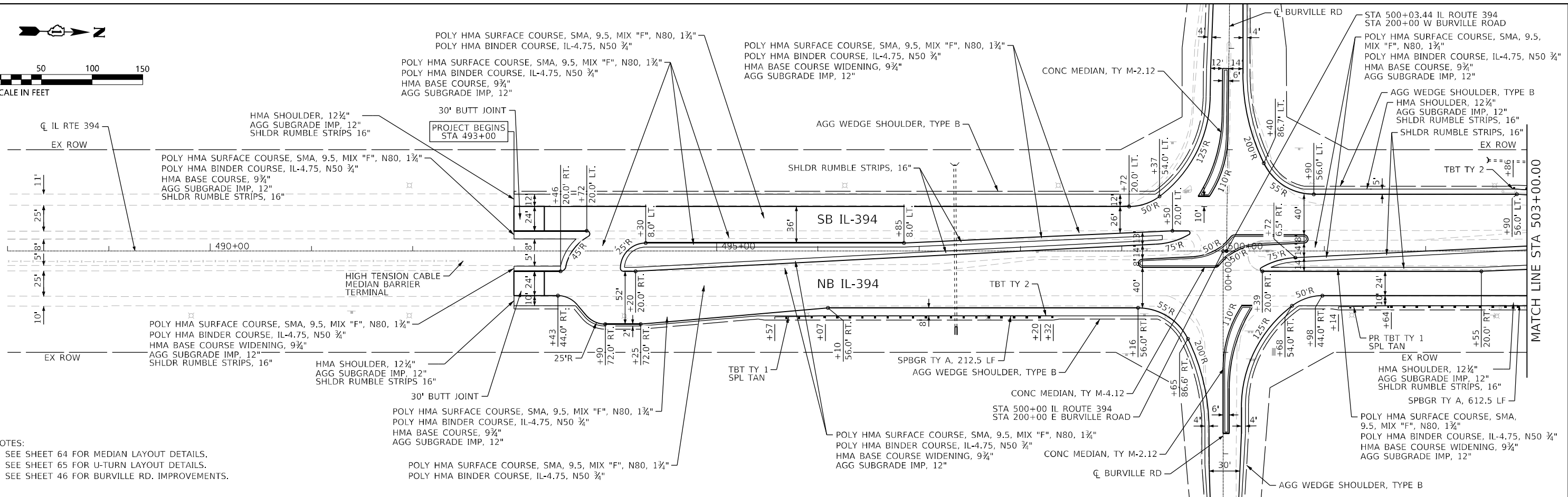


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	PLOTTED	
	GRADES CHECKED	
	STRUCTURE NOTATIONS OK'D	
	NO.	

PROFILE	SURVEYED	DATE
	PLOTTED	
	GRADES CHECKED	
	STRUCTURE NOTATIONS OK'D	
	NO.	



- NOTES:
- SEE SHEET 64 FOR MEDIAN LAYOUT DETAILS.
 - SEE SHEET 65 FOR U-TURN LAYOUT DETAILS.
 - SEE SHEET 46 FOR BURVILLE RD. IMPROVEMENTS.



695.72	695.91	696.11	696.38	696.62	696.79	696.95	697.12	697.30	697.48	697.66	697.81	697.96	698.12	698.27	698.43	698.59	698.77	698.95	699.20	699.46	699.68	699.89	700.07	700.22	700.40	700.57	700.71	700.86	701.01	701.17		
488+00	489+00	490+00	491+00	492+00	493+00	494+00	495+00	496+00	497+00	498+00	499+00	500+00	501+00	502+00	503+00																	

Lin Engineering, Ltd.
 Consulting Engineers
 Westmont, Illinois

USER NAME = jkehn	DESIGNED - JK	REVISED -
PLOT SCALE = 100.0000' / in.	DRAWN - JK	REVISED -
PLOT DATE = 3/27/2023	CHECKED - ST	REVISED -
	DATE - 3/17/2023	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL RTE 394 AT BURVILLE RD
PLAN & PROFILE

SCALE: 1"=50' SHEET 1 OF 4 SHEETS STA. 488+00.00 TO STA. 503+00.00

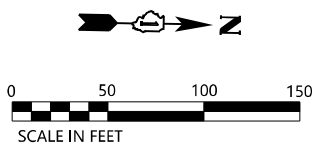
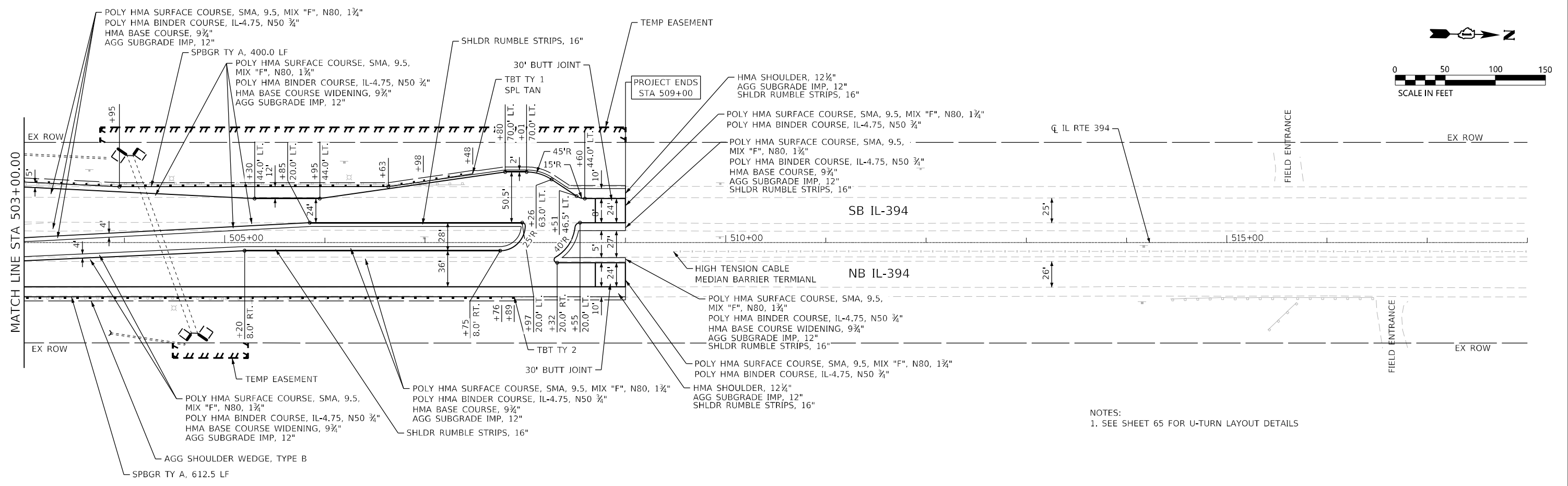
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ILLINOIS FED. AID PROJECT			CONTRACT NO. 62N88	

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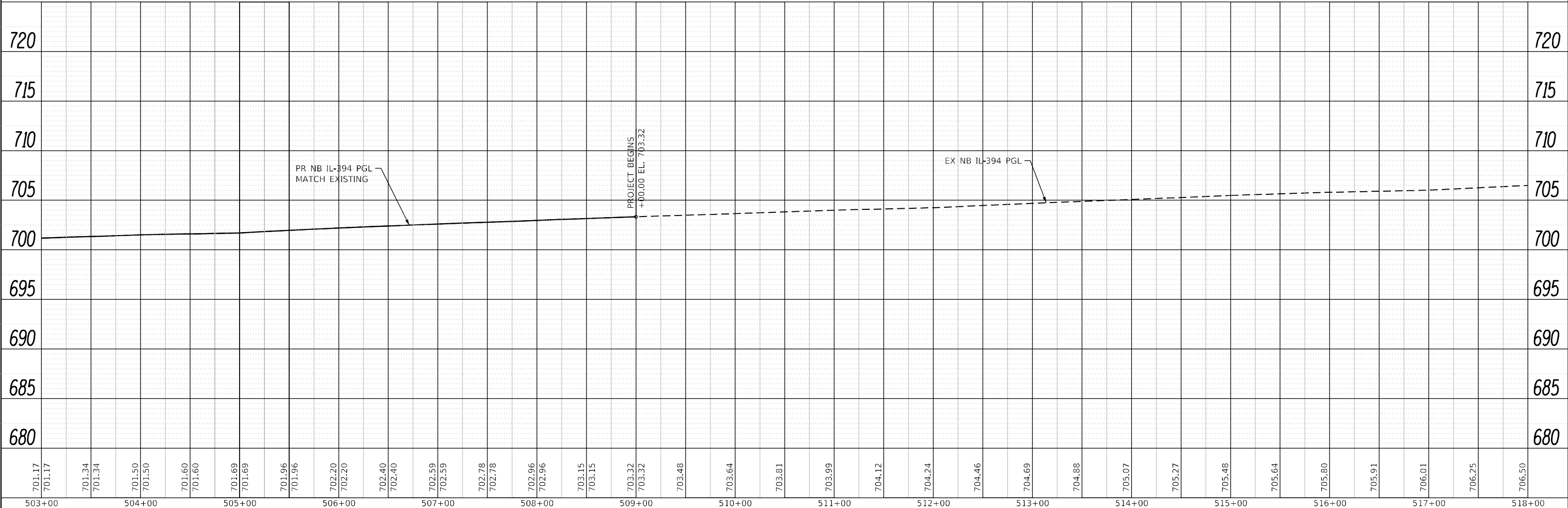
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	BY	
	NO.	

PROFILE	SURVEYED	DATE
	PLOTTED	
	GRADES	
	CHECKED	
	BY	
	NO.	

FILE NAME = P144216-shs-plnprf.il394-02.dgn



NOTES:
1. SEE SHEET 65 FOR U-TURN LAYOUT DETAILS



701.17	701.17	701.34	701.34	701.50	701.50	701.60	701.60	701.69	701.69	701.96	701.96	702.20	702.20	702.40	702.40	702.59	702.59	702.78	702.78	702.96	702.96	703.15	703.15	703.32	703.32	703.48	703.64	703.81	703.99	704.12	704.24	704.46	704.69	704.88	705.07	705.27	705.48	705.64	705.80	705.91	706.01	706.25	706.50	503+00	504+00	505+00	506+00	507+00	508+00	509+00	510+00	511+00	512+00	513+00	514+00	515+00	516+00	517+00	518+00
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Consulting Engineers
Westmont, Illinois

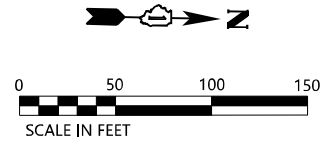
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PLOT DATE = 3/27/2023	DATE - 3/17/2023	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL RTE 394 AT BURVILLE RD
PLAN & PROFILE

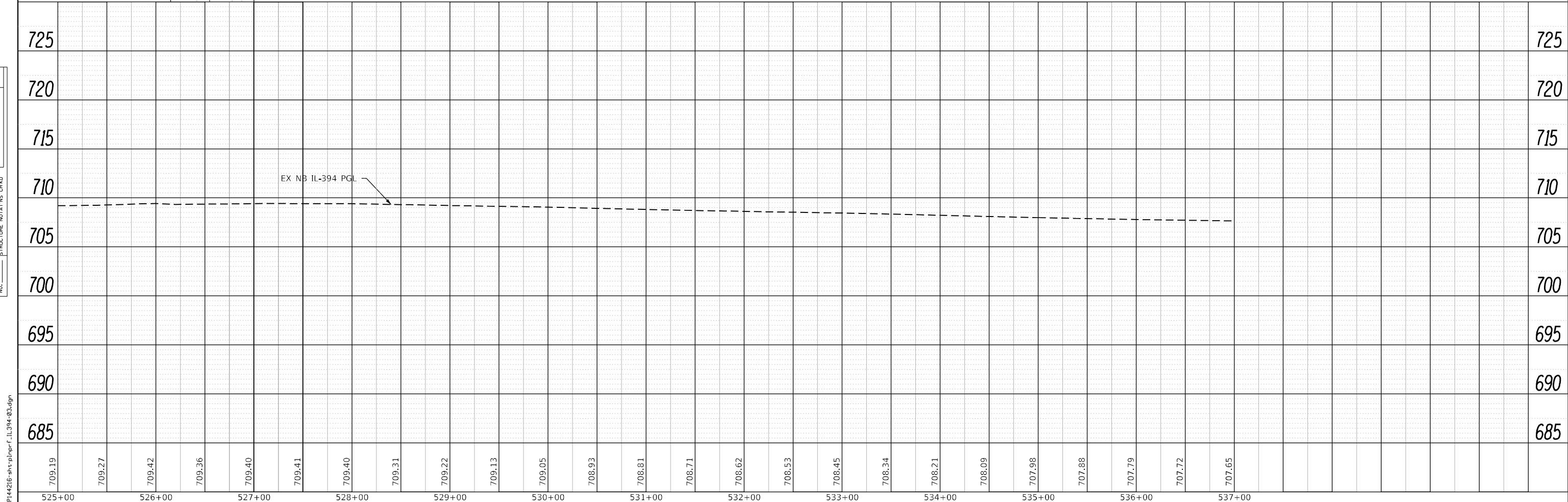
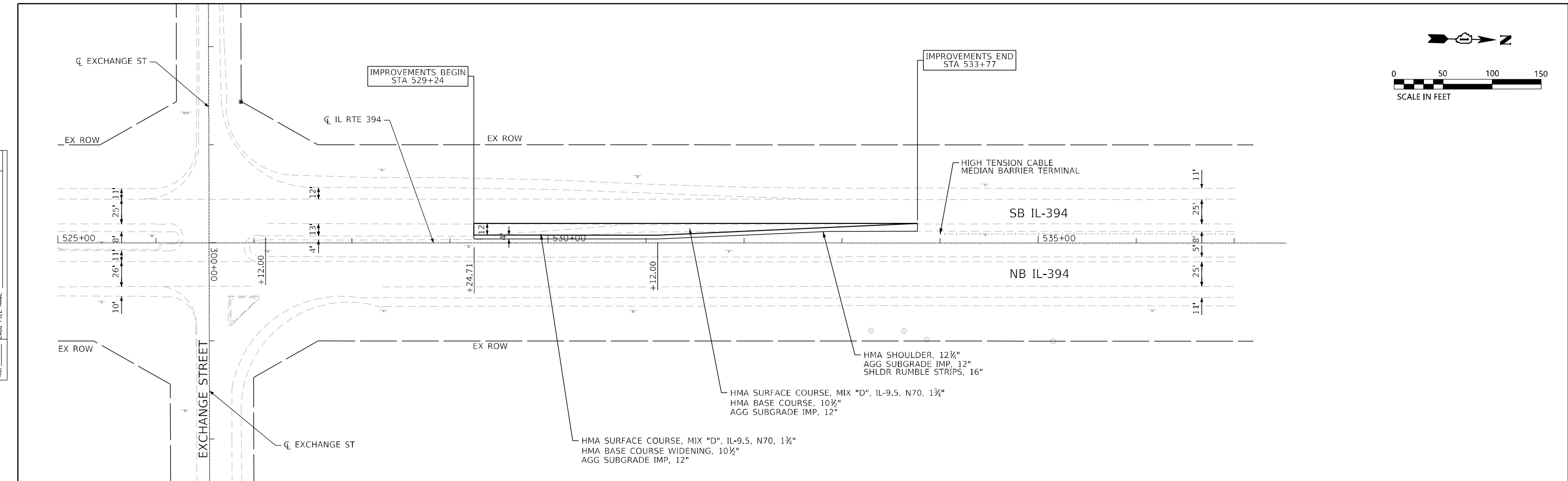
SCALE: 1"=50' SHEET 2 OF 4 SHEETS STA. 503+00.00 TO STA. 518+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
332	2021-057-N	WILL	110	36
CONTRACT NO. 62N88			ILLINOIS FED. AID PROJECT	



PLAN	SURVEYED	BY	DATE
	PLOTTED		
	NOTE BOOK		
	NO.		

PROFILE	SURVEYED	BY	DATE
	GRADES CHECKED		
	STRUCTURE		
	NOT AT THIS OFFICE		



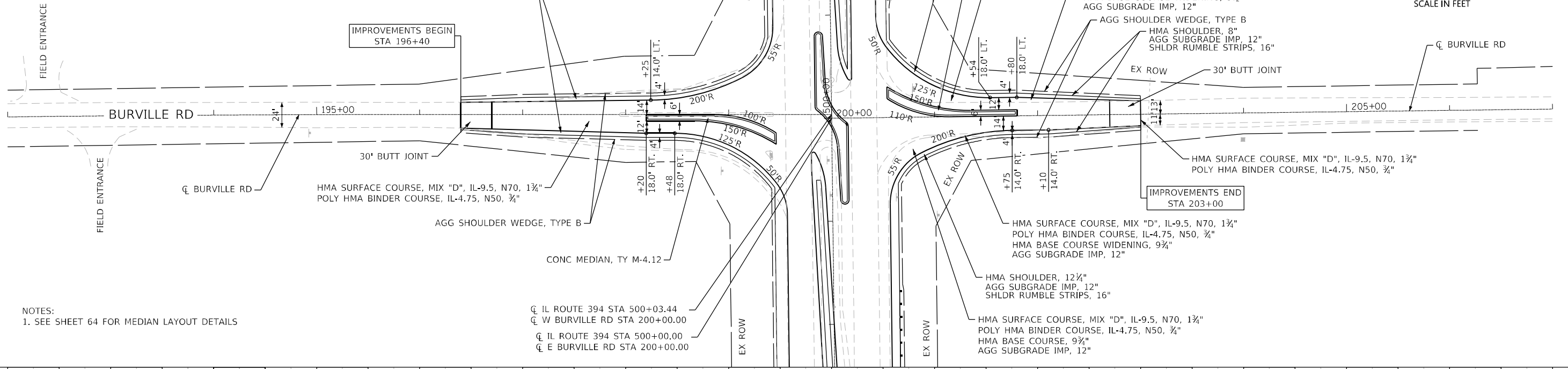
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LIN ENGINEERING, LTD. Consulting Engineers Westmont, Illinois	USER NAME = jkehn	DESIGNED - JK	REVISD -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	IL RTE 394 AT BURVILLE RD PLAN & PROFILE			F.A.P. RTE. 332	SECTION 2021-057-N	COUNTY WILL	TOTAL SHEETS 110	SHEET NO. 37
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	PLOT DATE = 3/27/2023	DATE - 3/17/2023	REVISD -					ILLINOIS FED. AID PROJECT				
	SCALE: 1"=50'							SHEET 3 OF 4 SHEETS			STA. 525+00.00 TO STA. 537+00.00	

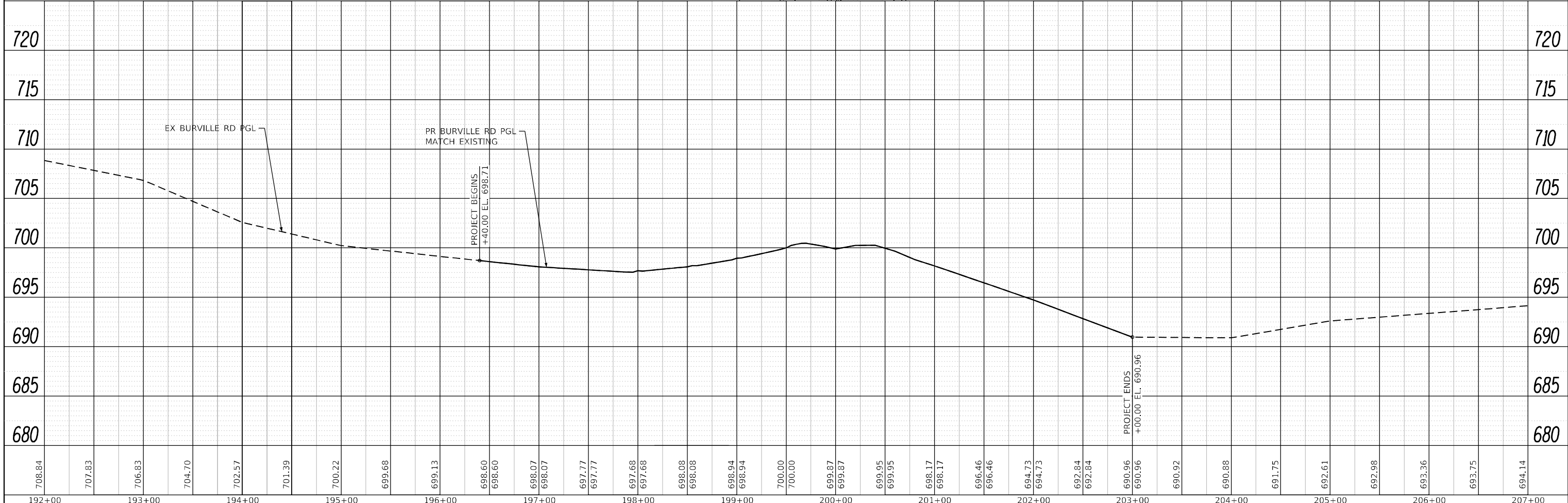
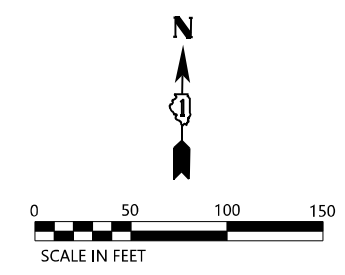
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	NOTE BOOK NO.		
	FILE NAME		

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

FILE NAME = P:\44216-shs-pln\prf_Burville-01.dgn



NOTES:
1. SEE SHEET 64 FOR MEDIAN LAYOUT DETAILS



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Consulting Engineers
Westmont, Illinois

USER NAME = jkehn	DESIGNED - JK	REVISED -
PLLOT SCALE = 100.0000' / in.	DRAWN - JK	REVISED -
PLLOT DATE = 3/27/2023	CHECKED - ST	REVISED -
	DATE - 3/17/2023	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL RTE 394 AT BURVILLE RD
PLAN & PROFILE

SCALE: 1"=50' SHEET 4 OF 4 SHEETS STA. 192+00.00 TO STA. 207+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
332	2021-057-N	WILL	110	38
ILLINOIS FED. AID PROJECT			CONTRACT NO. 62N88	

STAGING GENERAL NOTES

- ONE LANE OF TRAFFIC SHALL BE MAINTAINED IN EACH DIRECTION AT ALL TIMES. IL 394 LANE WIDTH SHALL BE A MINIMUM OF 11 FT. BURVILLE ROAD LANE WIDTH SHALL BE A MINIMUM OF 10.5 FT.
- EXISTING TRAFFIC SIGNALS SHALL REMAIN DURING CONSTRUCTION. SIGNAL TIMING AND SIGNAL HEAD LOCATIONS SHALL REMAIN THE SAME.
- TEMPORARY PAVEMENT MARKINGS SHALL BE TAPE, TYPE IV.
- EXISTING PAVEMENT MARKINGS IN CONFLICT WITH TEMPORARY PAVEMENT MARKINGS SHALL BE REMOVED.
- TEMPORARY BARRIER SHALL BE PLACED AT A MINIMUM DISTANCE OF 6 INCHES FROM DROP-OFF, PIN TEMPORARY BARRIER WHEN DROP-OFF IS BETWEEN 6 INCHES AND 2 FEET.
- THE TRAFFIC CONTROL PLANS SHALL SERVE AS A GUIDE FOR SAFE DIVERSION OF TRAFFIC DURING THE EXECUTION OF THIS CONTRACT. THE CONTRACTOR MAY MODIFY THE TRAFFIC CONTROL PLANS AT NO ADDITIONAL COST TO MEET CONSTRUCTION NEEDS BUT NOT AT THE EXPENSE OF PUBLIC SAFETY OR CONVENIENCE. ANY CHANGES TO THE TRAFFIC CONTROL PLAN SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL.

SEQUENCE OF CONSTRUCTION

- PRE-STAGE
- REMOVE CORNER ISLAND/CORRUGATED MEDIAN AND REPLACE WITH PROPOSED PAVEMENT AT THE WEST LEG OF IL 394 AT BURVILLE ROAD.
 - MAINTAIN ONE LANE IN EACH DIRECTION ON BURVILLE ROAD DURING NON-PEAK DAY TIME HOURS PER IDOT STANDARD 701701.
- STAGE 1
- REMOVE OUTSIDE SHOULDER, GUARDRAIL, AND DRAINAGE STRUCTURE AT NORTH AND SOUTH LEG OF IL 394 AT BURVILLE ROAD. REMOVE CONFLICTING PAVEMENT AT WEST LEG OF IL 394 AT BURVILLE ROAD.
 - CONSTRUCT THE U-TURN BUMP-OUTS, RIGHT TURN LANE, OUTSIDE SHOULDERS, GUARDRAIL, WINGWALL, AND DRAINAGE IMPROVEMENTS ALONG THE NORTH LEG AND SOUTH LEGS OF IL 394 AT BURVILLE ROAD. CONSTRUCT OUTSIDE SHOULDERS ALONG AT THE WEST LEG OF IL 394. CONSTRUCT OUTSIDE SHOULDER AND TEMPORARY PAVEMENT ALONG THE SOUTH SIDE OF THE EAST LEG OF IL 394.
 - MAINTAIN ONE LANE IN EACH DIRECTION ALONG IL 394 AND BURVILLE ROAD. SHIFT NORTHBOUND AND SOUTHBOUND TRAFFIC ONTO EXISTING PAVEMENT AND CLOSE EXISTING OUTSIDE LANE AS SHOWN ON PLANS. MAINTAIN ALL LEFT TURN MOVEMENTS AT THE INTERSECTION.
 - REMOVE INSIDE SHOULDER AND CABLE MEDIAN BARRIER AT NORTH LEG OF IL 394 AT EXCHANGE STREET.
 - CONSTRUCT LEFT TURN LANE AT NORTH LEG OF IL 394 AT EXCHANGE STREET.
 - MAINTAIN TWO SOUTHBOUND THROUGH LANES AND RIGHT TURN LANE AT NORTH LEG OF IL 394 AT EXCHANGE STREET. SHIFT SOUTHBOUND TRAFFIC ONTO EXISTING LANES AND OUTSIDE SHOULDER AS SHOWN ON PLANS.
- STAGE 2
- REMOVE INSIDE SHOULDER, DRAINAGE PIPES/STRUCTURES, CABLE MEDIAN BARRIER ALONG IL 394 FROM STA 493+00 TO STA 499+16 AND FROM STA 501+40 TO STA 509+00.
 - CONSTRUCT U-TURN LANES, MEDIAN, DRAINAGE PIPES/STRUCTURES, AND LEFT TURN LANE FROM STA 493+00 TO STA 499+16 AND FROM STA 501+40 TO STA 509+00.
 - MAINTAIN ONE LANE IN EACH DIRECTION ALONG IL 394 AND BURVILLE ROAD PER PLANS. MAINTAIN SOUTHBOUND AND NORTHBOUND LEFT TURN AT THE INTERSECTION.
- STAGE 3
- REMOVE INSIDE SHOULDER, PAVEMENT, DRAINAGE PIPES/STRUCTURES ALONG IL 394 FROM STA 499+16 TO STA 501+40.
 - CONSTRUCT PAVEMENT, RAISED MEDIAN, DRAINAGE PIPES/STRUCTURES ALONG IL 394 FROM STA 499+16 TO STA 501+40. CONSTRUCT RAISED MEDIAN AT THE WEST LEG OF IL 394 AT BURVILLE ROAD. CONSTRUCT RAISED MEDIAN AND PAVEMENT AT EAST LEG OF IL 394 AT BURVILLE ROAD.
 - MAINTAIN TWO NORTHBOUND AND SOUTHBOUND LANES ALONG IL 394. MAINTAIN ONE LANE IN EACH DIRECTION ALONG BURVILLE ROAD. TRAFFIC ON THE EAST LEG SHALL BE SHIFTED ONTO EXISTING PAVEMENT/TEMPORARY PAVEMENT AS SHOWN ON THE PLANS. INSTALL TEMPORARY CONCRETE BARRIER ON EAST LEG PRIOR TO STAGE 3.
 - LEFT TURN MOVEMENTS AT THE INTERSECTION WILL NOT BE ALLOWED. TRAFFIC SHALL BE DIRECTED TO U-TURNS. PERMANENT SIGNS PER THE PAVEMENT MARKING PLANS FOR THE U-TURNS SHALL BE INSTALLED PRIOR TO STAGE 3.
- STAGE 4
- REMOVE TEMPOARY PAVEMENT MARKINGS, TEMPORARY PAVEMENT, AND TEMPORARY CONCRETE BARRIER.
 - MILL AND RESURFACE PAVEMENT, INSTALL PERMANENT MARKINGS AND SIGNS, INSTALL STREET LIGHTING, AND LANDSCAPING PER PLANS.
 - MAINTAIN ALL LANES IN FINAL CONFIGURATION. CONSTRUCTION ACTIVITIES SHALL BE PERFORMED PER IDOT STANDARD 701011, 701101, 701421, AND 701701.

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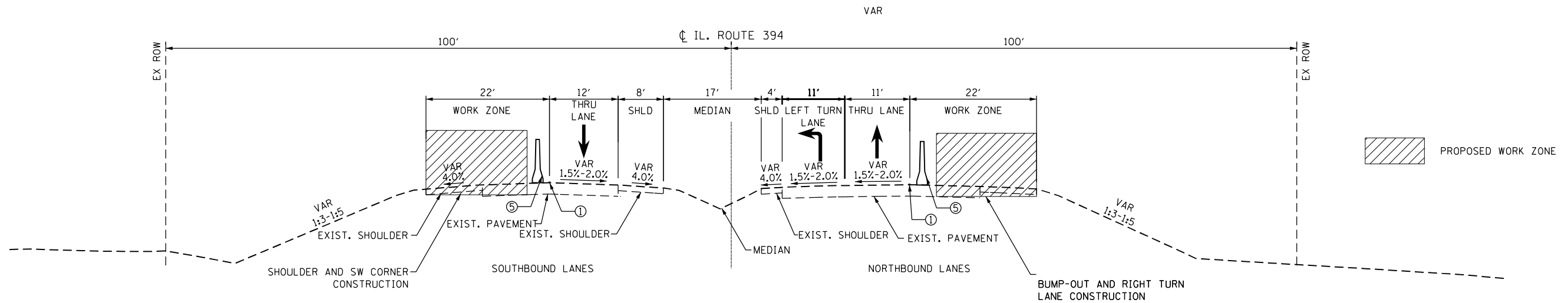
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

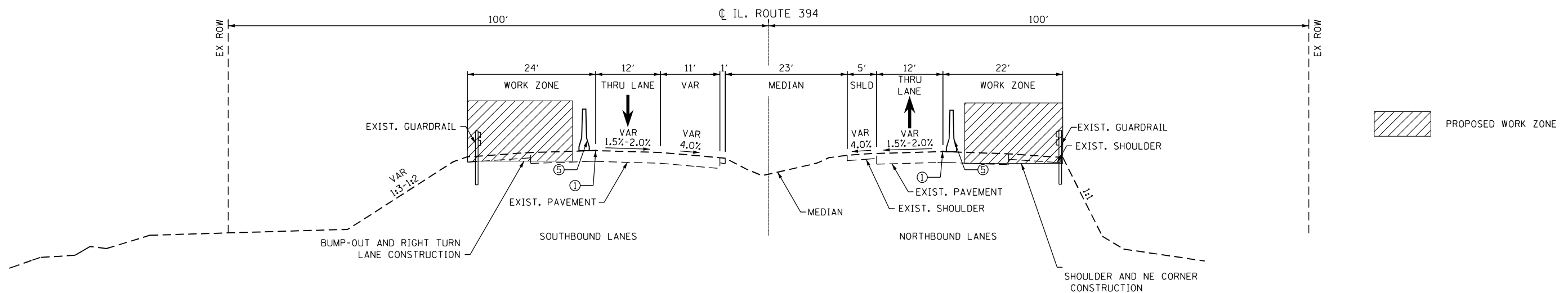
**IL RTE 394 AT BURVILLE RD
TRAFFIC CONTROL GENERAL NOTES / SEQUENCE OF CONSTRUCTION**

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
332	2021-057-N	WILL	110	39
			CONTRACT NO. 62N88	
		ILLINOIS FED. AID PROJECT		



MAINTENANCE OF TRAFFIC
STAGE 1
IL ROUTE 394
BUMP-OUT AND RIGHT TURN LANE CONSTRUCTION SOUTH LEG
LOOKING NORTH
 STA 493+00 TO STA 499+50



MAINTENANCE OF TRAFFIC
STAGE 1
IL ROUTE 394
BUMP-OUT AND RIGHT TURN LANE CONSTRUCTION NORTH LEG
LOOKING NORTH
 STA 500+50 TO STA 509+00

LEGEND

- ① TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV TAPE WHITE
- ② TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV TAPE DOUBLE YELLOW
- ③ TEMPORARY PAVEMENT MARKING - LINE 24" - TYPE IV TAPE WHITE
- ④ TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV TAPE WHITE SKIP-DASH
- ⑤ TEMPORARY CONCRETE BARRIER

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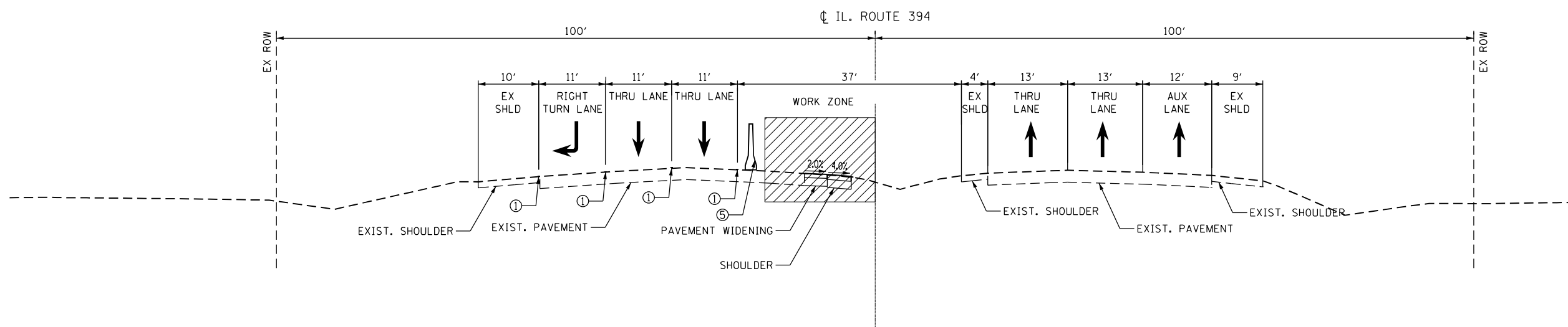
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PLOT DATE = 3/15/2023	CHECKED -	REVISED -
	DATE = 3/17/2023	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION


IL RTE 394 AT BURVILLE RD
TRAFFIC CONTROL TYPICAL SECTION - STAGE 1

SCALE: N.T.S. SHEET 1 OF 6 SHEETS STA. TO STA.

F.A.P. RTE. 332	SECTION 2021-057-N	COUNTY WILL	TOTAL SHEETS 110	SHEET NO. 40
			CONTRACT NO. 62N88	
ILLINOIS FED. AID PROJECT				



MAINTENANCE OF TRAFFIC
STAGE 1
IL ROUTE 394
PAVEMENT WIDENING NORTH LEG
LOOKING NORTH
 STA 529+00 TO STA 535+00

 PROPOSED WORK ZONE

LEGEND

- ① TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV TAPE WHITE
- ② TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV TAPE DOUBLE YELLOW
- ③ TEMPORARY PAVEMENT MARKING - LINE 24" - TYPE IV TAPE WHITE
- ④ TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV TAPE WHITE SKIP-DASH
- ⑤ TEMPORARY CONCRETE BARRIER

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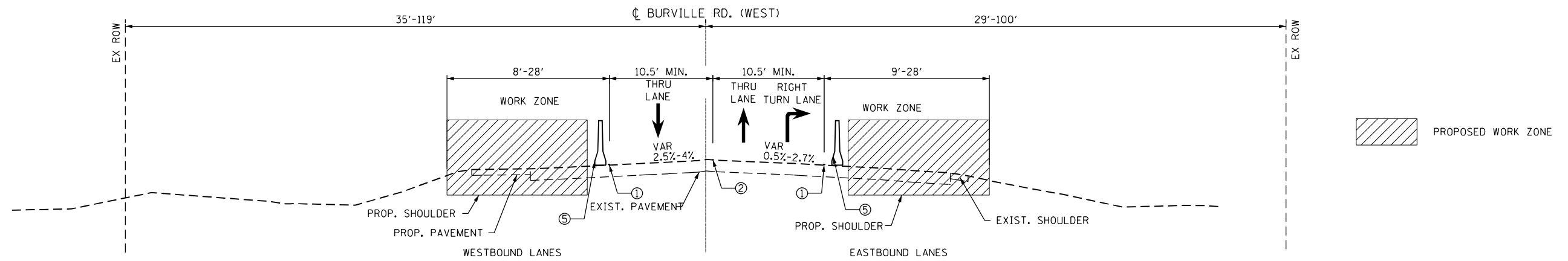
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

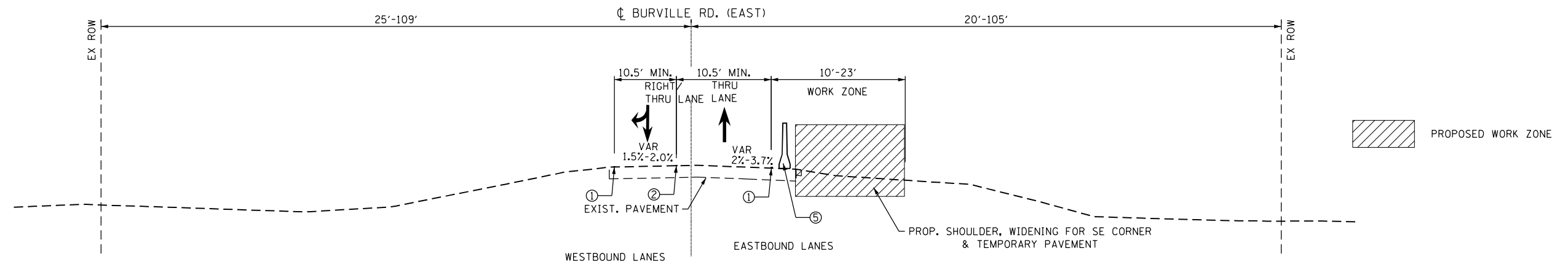
IL RTE 394 AT BURVILLE RD
TRAFFIC CONTROL TYPICAL SECTION - STAGE 1

SCALE: N.T.S. SHEET 2 OF 6 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
332	2021-057-N	WILL	110	41
CONTRACT NO. 62N88				
ILLINOIS FED. AID PROJECT				



MAINTENANCE OF TRAFFIC
STAGE 1
BURVILLE RD. (WEST)
SHOULDER CONSTRUCTION WEST LEG
LOOKING EAST
 STA 196+39.98 TO STA 199+46.38



MAINTENANCE OF TRAFFIC
STAGE 1
BURVILLE RD. (EAST)
SHOULDER AND TEMPORARY PAVEMENT CONSTRUCTION EAST LEG
LOOKING EAST
 STA 200+54 TO STA 204+10.03

LEGEND

- ① TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV TAPE WHITE
- ② TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV TAPE DOUBLE YELLOW
- ③ TEMPORARY PAVEMENT MARKING - LINE 24" - TYPE IV TAPE WHITE
- ④ TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV TAPE WHITE SKIP-DASH
- ⑤ TEMPORARY CONCRETE BARRIER

FILE NAME = P:\4216-shr-staging\typical-03.dgn



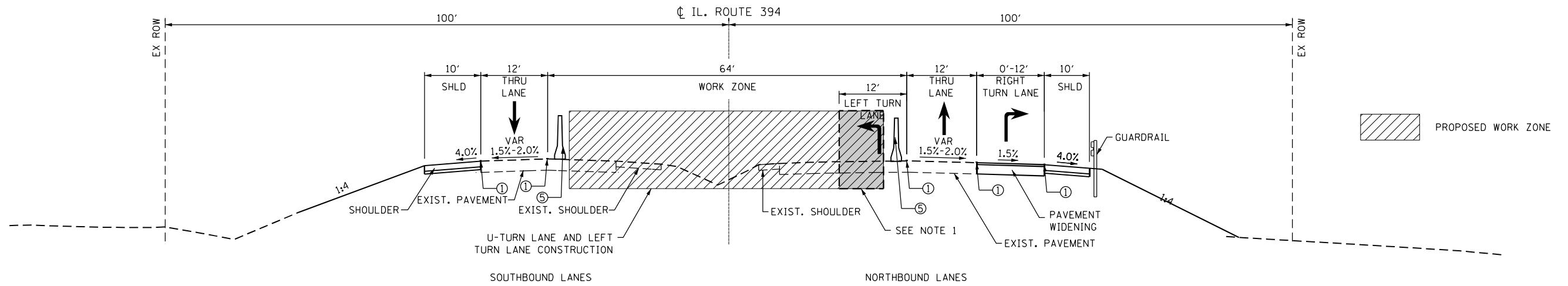
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PLOT DATE = 3/15/2023	DATE - 3/17/2023	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL RTE 394 AT BURVILLE RD
TRAFFIC CONTROL TYPICAL SECTION - STAGE 1

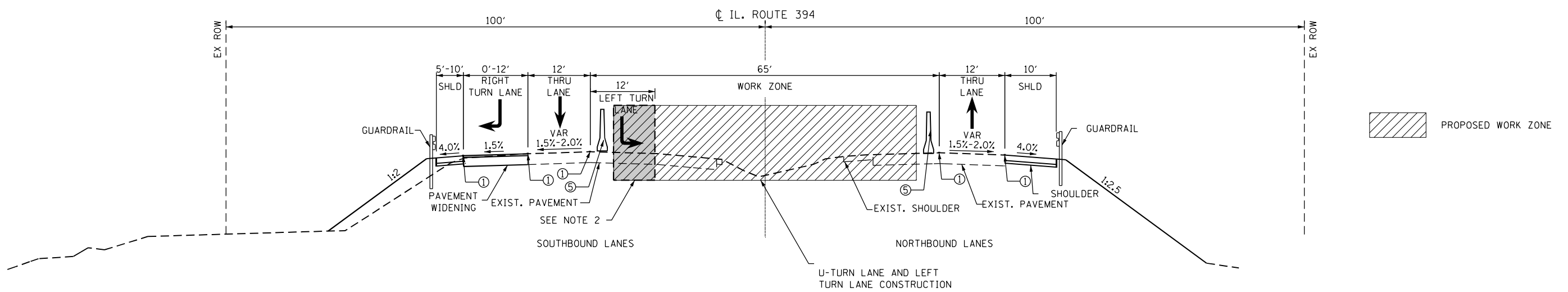
SCALE: N.T.S. SHEET 3 OF 6 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
332	2021-057-N	WILL	110	42
CONTRACT NO. 62N88				
ILLINOIS FED. AID PROJECT				



**MAINTENANCE OF TRAFFIC
STAGE 2
IL ROUTE 394
U-TURN LANE AND LEFT TURN LANE CONSTRUCTION SOUTH LEG
LOOKING NORTH**
STA 493+00 TO STA 499+16.49

- NOTES**
1. BETWEEN STA 498+22 AND 499+16.49 THE WORKZONE IS REDUCED BY 12 FT IN ORDER TO ACCOMMODATE A LEFT TURN LANE AT THE INTERSECTION. SEE STAGE 2 PLAN VIEW EXHIBIT.
 2. BETWEEN STA 501+40 AND 501+81 THE WORKZONE IS REDUCED BY 12 FT IN ORDER TO ACCOMMODATE A LEFT TURN LANE AT THE INTERSECTION. SEE STAGE 2 PLAN VIEW EXHIBIT.

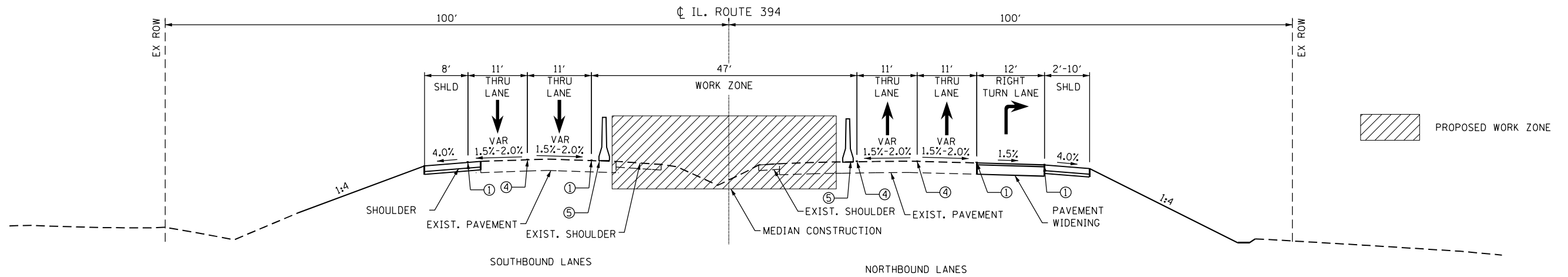


**MAINTENANCE OF TRAFFIC
STAGE 2
IL ROUTE 394
U-TURN LANE AND LEFT TURN LANE CONSTRUCTION NORTH LEG
LOOKING NORTH**
STA 501+40 TO STA 509+00

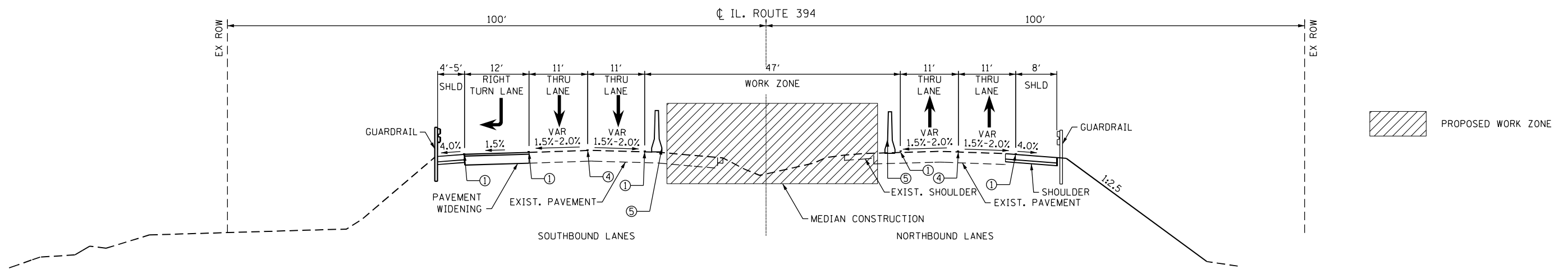
- LEGEND**
- ① TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV TAPE WHITE
 - ② TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV TAPE DOUBLE YELLOW
 - ③ TEMPORARY PAVEMENT MARKING - LINE 24" - TYPE IV TAPE WHITE
 - ④ TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV TAPE WHITE SKIP-DASH
 - ⑤ TEMPORARY CONCRETE BARRIER

FILE NAME = P:\4216-shr-staging\typical-04.dgn

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	PLOT SCALE = 20.0000' / in.	CHECKED -	REVISED -			CONTRACT NO. 62N88					
	PLOT DATE = 3/15/2023	DATE = 3/17/2023	REVISED -			SCALE: N.T.S.	SHEET 4 OF 6 SHEETS	STA. TO STA.	ILLINOIS FED. AID PROJECT		



**MAINTENANCE OF TRAFFIC
STAGE 3
IL ROUTE 394
MEDIAN CONSTRUCTION SOUTH LEG
LOOKING NORTH
STA 499+16.49 TO STA 500+00**



**MAINTENANCE OF TRAFFIC
STAGE 3
IL ROUTE 394
MEDIAN CONSTRUCTION NORTH LEG
LOOKING NORTH
STA 500+00 TO STA 501+40**

LEGEND

- ① TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV TAPE WHITE
- ② TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV TAPE DOUBLE YELLOW
- ③ TEMPORARY PAVEMENT MARKING - LINE 24" - TYPE IV TAPE WHITE
- ④ TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV TAPE WHITE SKIP-DASH
- ⑤ TEMPORARY CONCRETE BARRIER

FILE NAME = P:\4216-shr-staging\typical-05.dgn



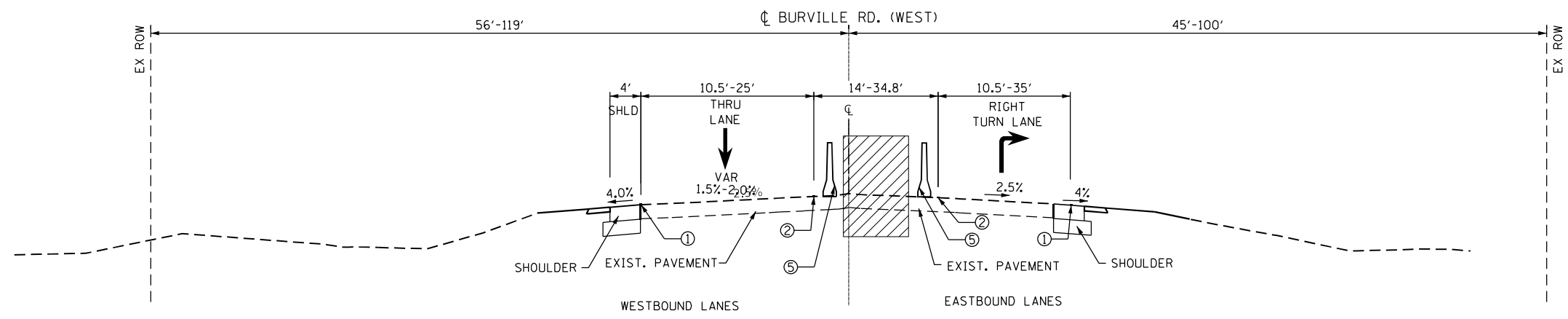
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PLOT DATE = 3/15/2023	CHECKED -	REVISED -
	DATE = 3/17/2023	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**IL RTE 394 AT BURVILLE RD
TRAFFIC CONTROL TYPICAL SECTION - STAGE 3**

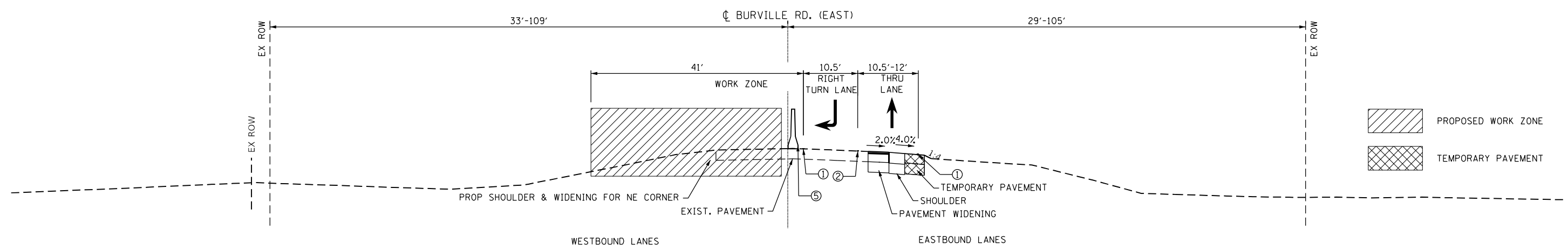
SCALE: N.T.S. SHEET 5 OF 6 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
332	2021-057-N	WILL	110	44
CONTRACT NO. 62N88				
ILLINOIS FED. AID PROJECT				



PROPOSED WORK ZONE

**MAINTENANCE OF TRAFFIC
STAGE 3
BURVILLE RD. (WEST)
MEDIAN ISLAND CONSTRUCTION WEST LEG
LOOKING EAST
STA 197+94 TO STA 199+46.38**



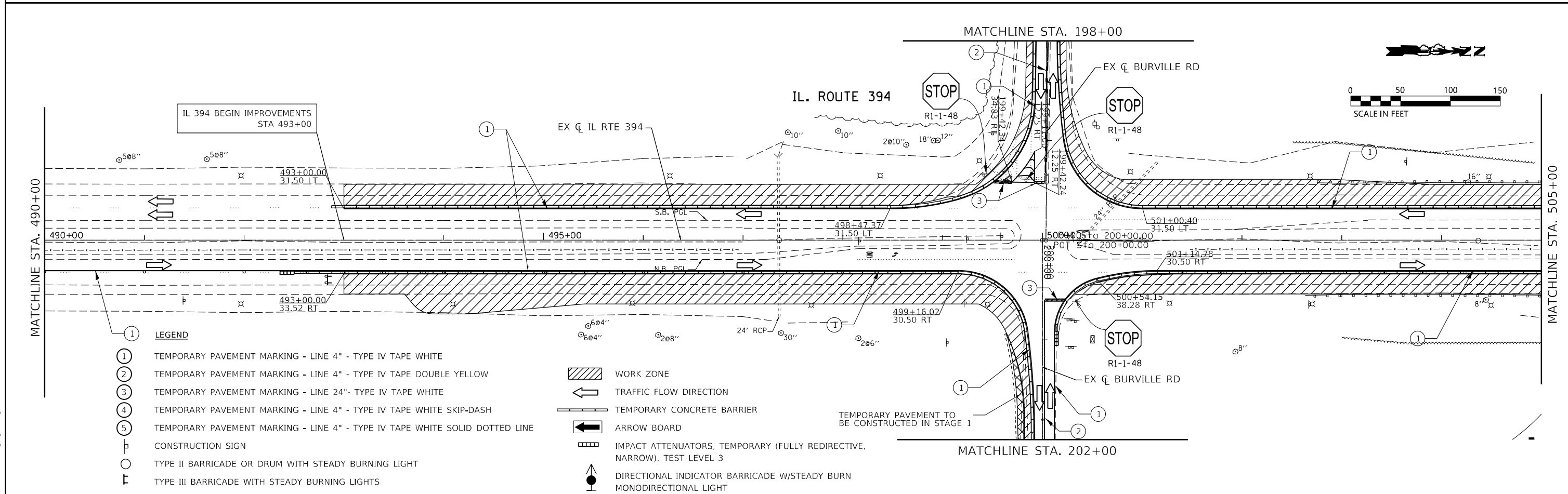
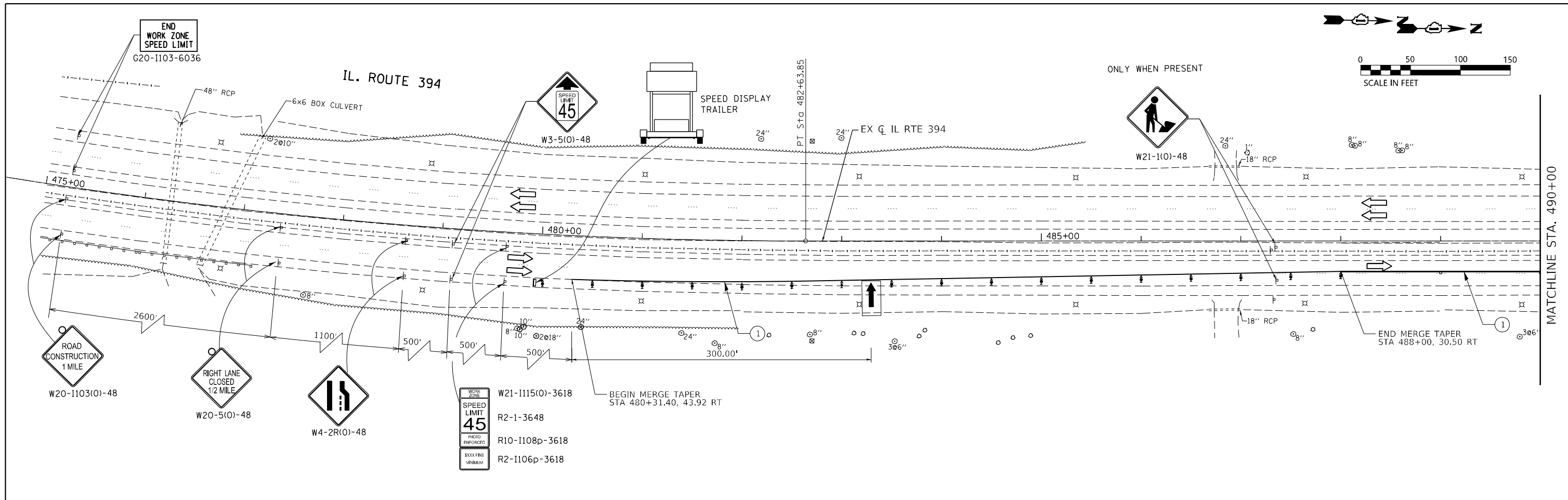
PROPOSED WORK ZONE
 TEMPORARY PAVEMENT

**MAINTENANCE OF TRAFFIC
STAGE 3
BURVILLE RD. (EAST)
SHOULDER, WIDENING PAVEMENT AND MEDIAN ISLAND CONSTRUCTION EAST LEG
LOOKING EAST
STA 200+54 TO STA 203+00.00**

- LEGEND**
- ① TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV TAPE WHITE
 - ② TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV TAPE DOUBLE YELLOW
 - ③ TEMPORARY PAVEMENT MARKING - LINE 24" - TYPE IV TAPE WHITE
 - ④ TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV TAPE WHITE SKIP-DASH
 - ⑤ TEMPORARY CONCRETE BARRIER

FILE NAME = P:\4216-shr-staging\typical-06.dgn

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	PLOT SCALE = 20.0000' / in.	CHECKED -	REVISED -			SCALE: N.T.S.	SHEET 6 OF 6 SHEETS	STA. TO STA.	CONTRACT NO. 62N88	
	PLOT DATE = 3/15/2023	DATE = 3/17/2023	REVISED -							



FILE NAME = P:\4216-shr-Steering-01.dgn



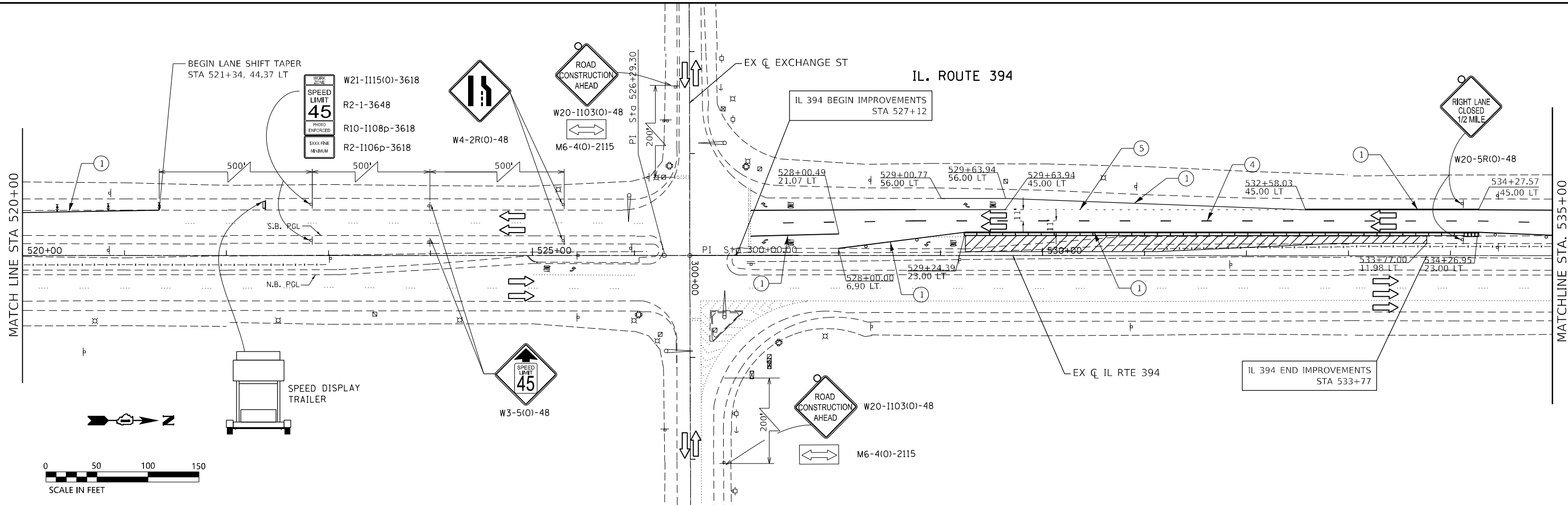
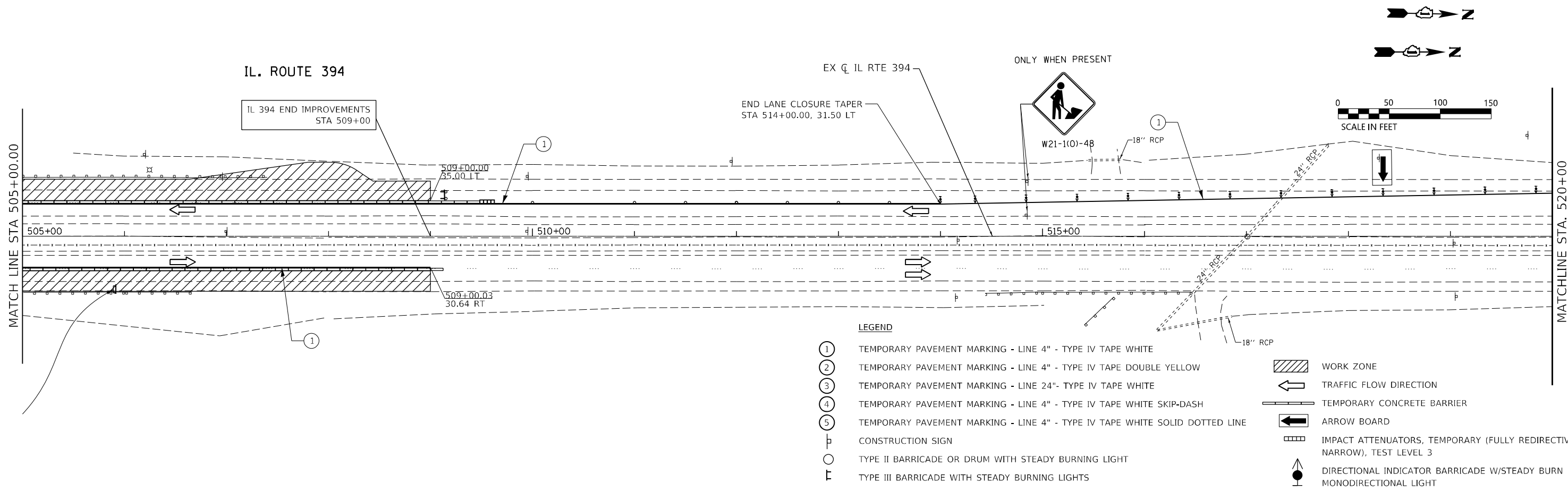
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PLOT DATE = 3/15/2023	CHECKED - PK	REVISED -
	DATE - 3/17/2023	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**IL RTE 394 AT BURVILLE RD
TRAFFIC CONTROL PLAN - STAGE 1**

SCALE: 1"=50' SHEET 1 OF 4 SHEETS STA. TO STA.

F.A.P. RTE. 332	SECTION 2021-057-N	COUNTY WILL	TOTAL SHEETS 110	SHEET NO. 46
CONTRACT NO. 62N88			ILLINOIS FED. AID PROJECT	



FILE NAME = P144216-shr-Stage1-022.dgn



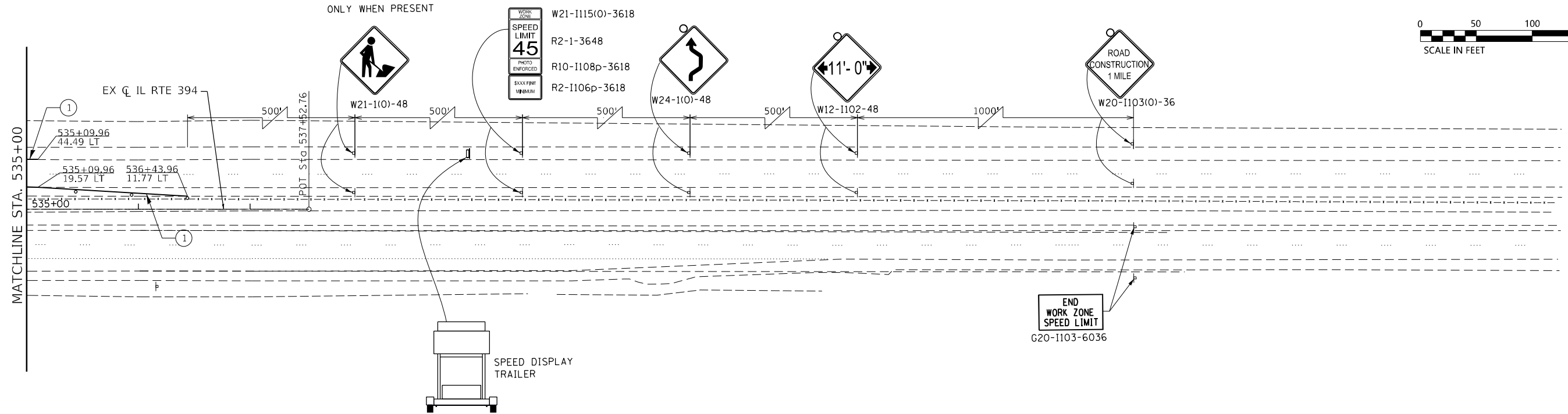
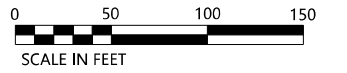
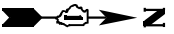
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DRAWN - KE	REVISED -	
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PLOT DATE = 3/15/2023	DATE - 3/17/2023	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**IL RTE 394 AT BURVILLE RD
TRAFFIC CONTROL PLAN - STAGE 1**

SCALE: 1"=50' SHEET 2 OF 4 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
332	2021-057-N	WILL	110	47
CONTRACT NO. 62N88				
ILLINOIS FED. AID PROJECT				



LEGEND

- ① TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV TAPE WHITE
- ② TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV TAPE DOUBLE YELLOW
- ③ TEMPORARY PAVEMENT MARKING - LINE 24" - TYPE IV TAPE WHITE
- ④ TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV TAPE WHITE SKIP-DASH
- ⑤ TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV TAPE WHITE SOLID DOTTED LINE
- ⊥ CONSTRUCTION SIGN
- TYPE II BARRICADE OR DRUM WITH STEADY BURNING LIGHT
- ⊥ TYPE III BARRICADE WITH STEADY BURNING LIGHTS
- ▨ WORK ZONE
- ← TRAFFIC FLOW DIRECTION
- ▬ TEMPORARY CONCRETE BARRIER
- ARROW BOARD
- ▬ IMPACT ATTENUATORS, TEMPORARY (FULLY REDIRECTIVE, NARROW), TEST LEVEL 3
- ↑ DIRECTIONAL INDICATOR BARRICADE W/STEADY BURN MONODIRECTIONAL LIGHT

FILE NAME = P14216-shr-Staging-03.dgn



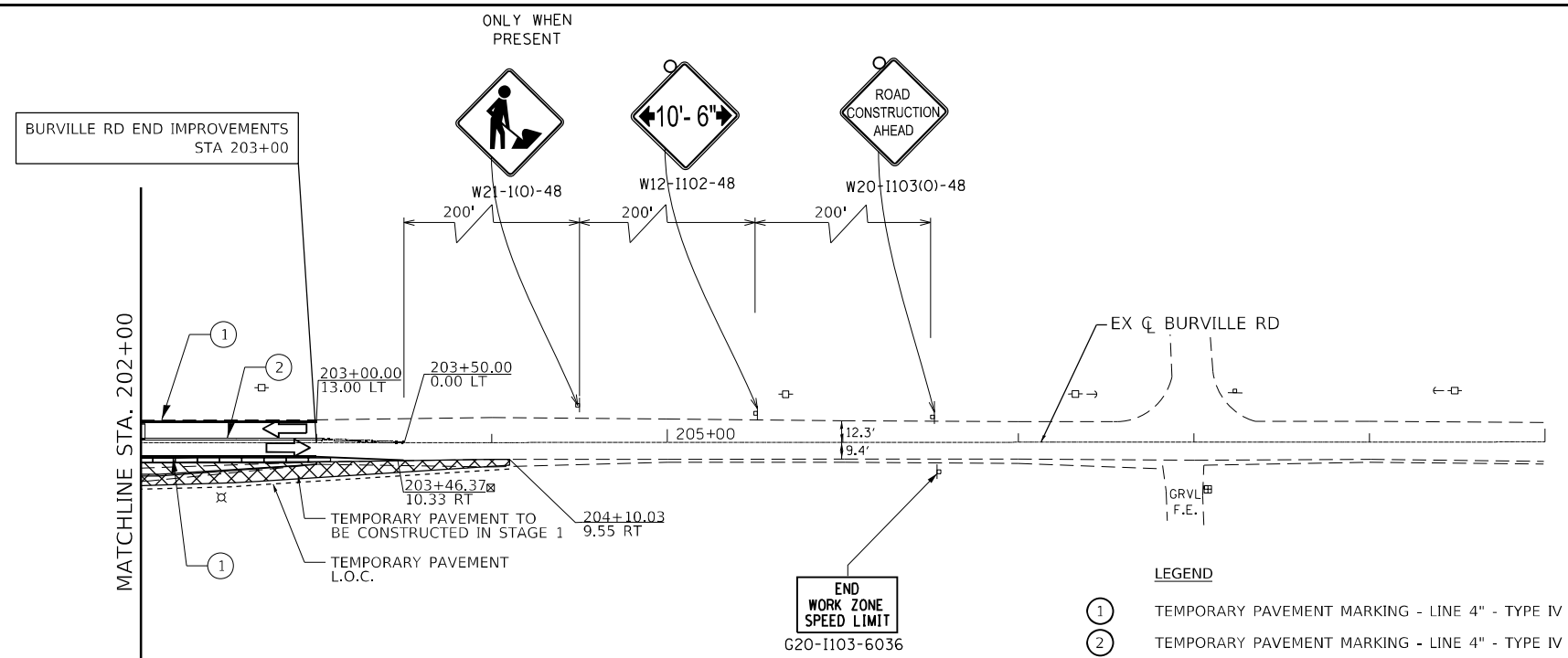
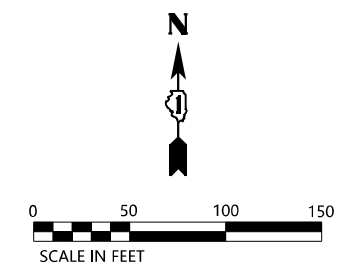
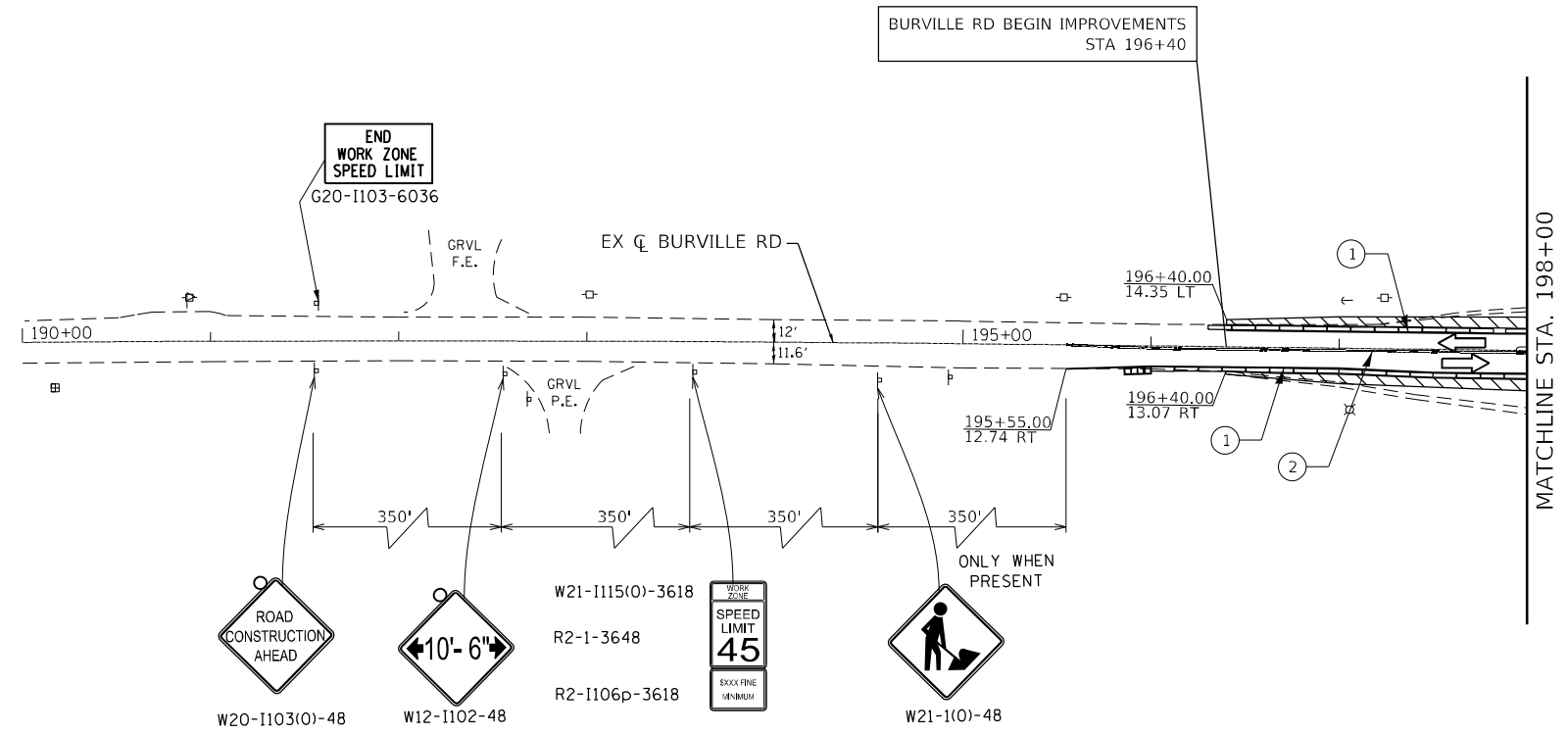
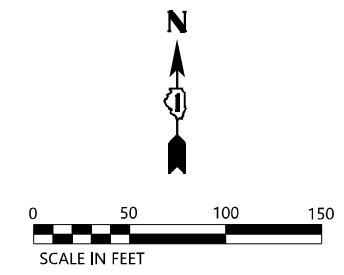
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DRAWN - KE	REVISIONS -	
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PLOT DATE = 3/15/2023	DATE - 3/17/2023	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**IL RTE 394 AT BURVILLE RD
TRAFFIC CONTROL PLAN - STAGE 1**

SCALE: 1"=50' SHEET 3 OF 4 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
332	2021-057-N	WILL	110	48
			CONTRACT NO. 62N88	
		ILLINOIS FED. AID PROJECT		



- LEGEND**
- ① TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV TAPE WHITE
 - ② TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV TAPE DOUBLE YELLOW
 - ③ TEMPORARY PAVEMENT MARKING - LINE 24"- TYPE IV TAPE WHITE
 - ④ TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV TAPE WHITE SKIP-DASH
 - ⑤ TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV TAPE WHITE SOLID DOTTED LINE
 - ⊥ CONSTRUCTION SIGN
 - TYPE II BARRICADE OR DRUM WITH STEADY BURNING LIGHT
 - ⊥ TYPE III BARRICADE WITH STEADY BURNING LIGHTS
 - ▨ WORK ZONE
 - ← TRAFFIC FLOW DIRECTION
 - ▬ TEMPORARY CONCRETE BARRIER
 - ➡ ARROW BOARD
 - ▩ IMPACT ATTENUATORS, TEMPORARY (FULLY REDIRECTIVE, NARROW), TEST LEVEL 3
 - ⬆ DIRECTIONAL INDICATOR BARRICADE W/STEADY BURN MONODIRECTIONAL LIGHT

FILE NAME = P:\4216-shr-staging\04.dgn



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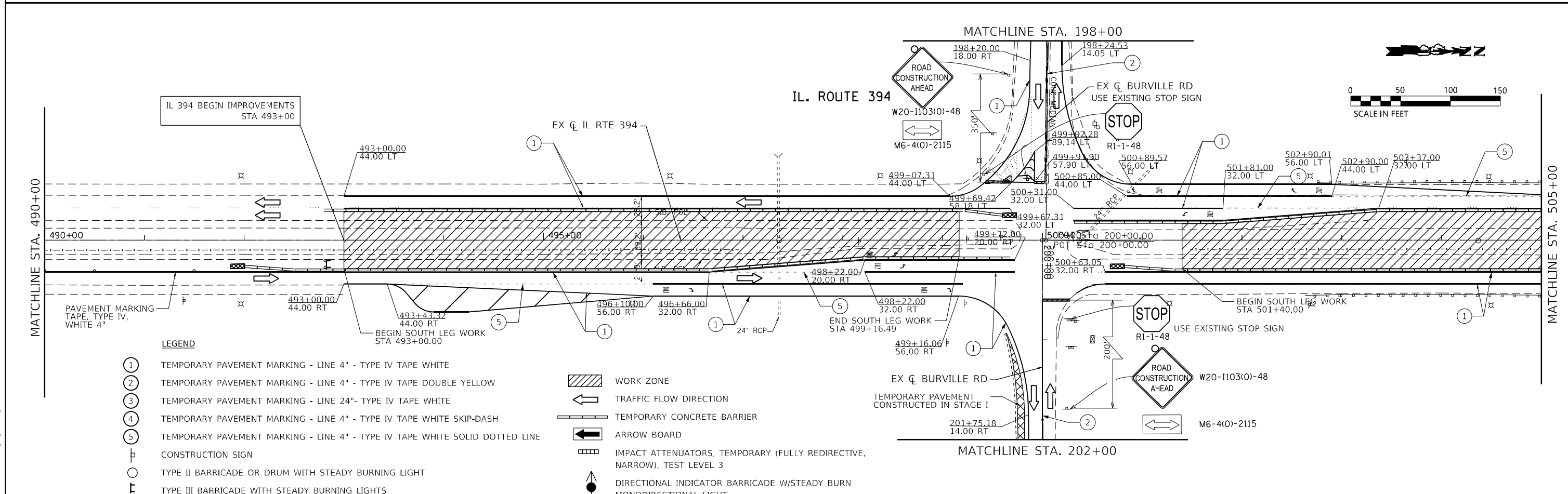
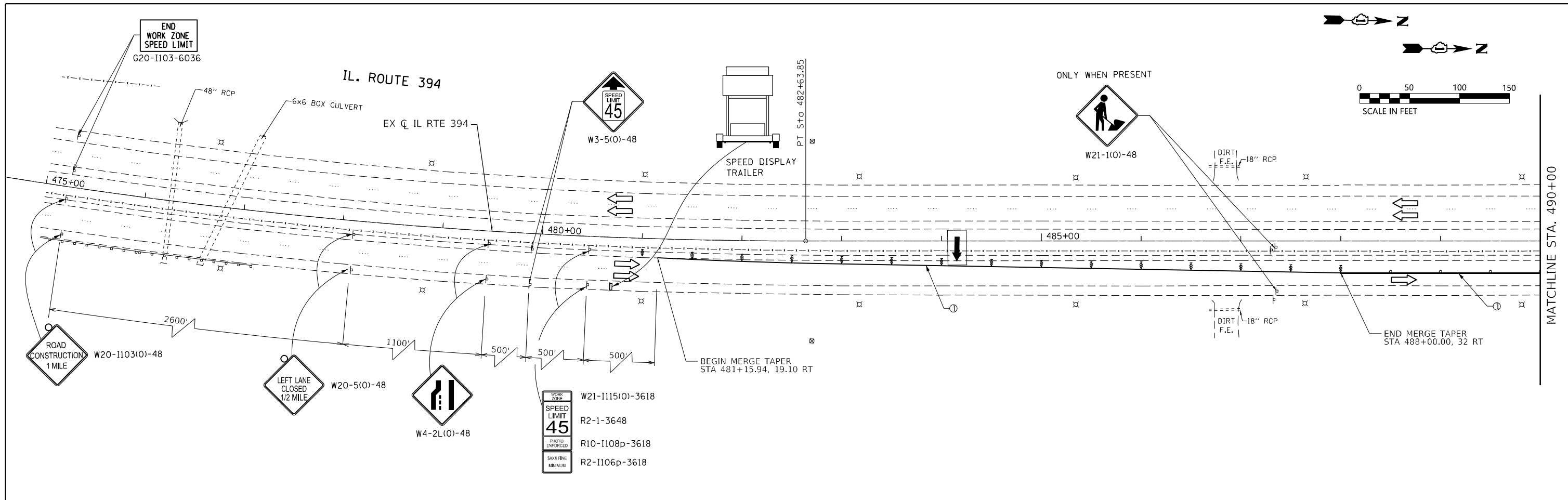
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**IL RTE 394 AT BURVILLE RD
TRAFFIC CONTROL PLAN - STAGE 1**

SCALE: 1"=50' SHEET 4 OF 4 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
332	2021-057-N	WILL	110	49
CONTRACT NO. 62N88				

ILLINOIS FED. AID PROJECT



LEGEND

- ① TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV TAPE WHITE
- ② TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV TAPE DOUBLE YELLOW
- ③ TEMPORARY PAVEMENT MARKING - LINE 24" - TYPE IV TAPE WHITE
- ④ TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV TAPE WHITE SKIP-DASH
- ⑤ TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV TAPE WHITE SOLID DOTTED LINE
- ⊥ CONSTRUCTION SIGN
- TYPE II BARRICADE OR DRUM WITH STEADY BURNING LIGHT
- ⊥ TYPE III BARRICADE WITH STEADY BURNING LIGHTS
- ▨ WORK ZONE
- ← TRAFFIC FLOW DIRECTION
- TEMPORARY CONCRETE BARRIER
- ARROW BOARD
- ▤ IMPACT ATTENUATORS, TEMPORARY (FULLY REDIRECTIVE, NARROW), TEST LEVEL 3
- ↑ DIRECTIONAL INDICATOR BARRICADE W/STEADY BURN MONODIRECTIONAL LIGHT

FILE NAME = P144216-sh1-Stage2-01.dgn



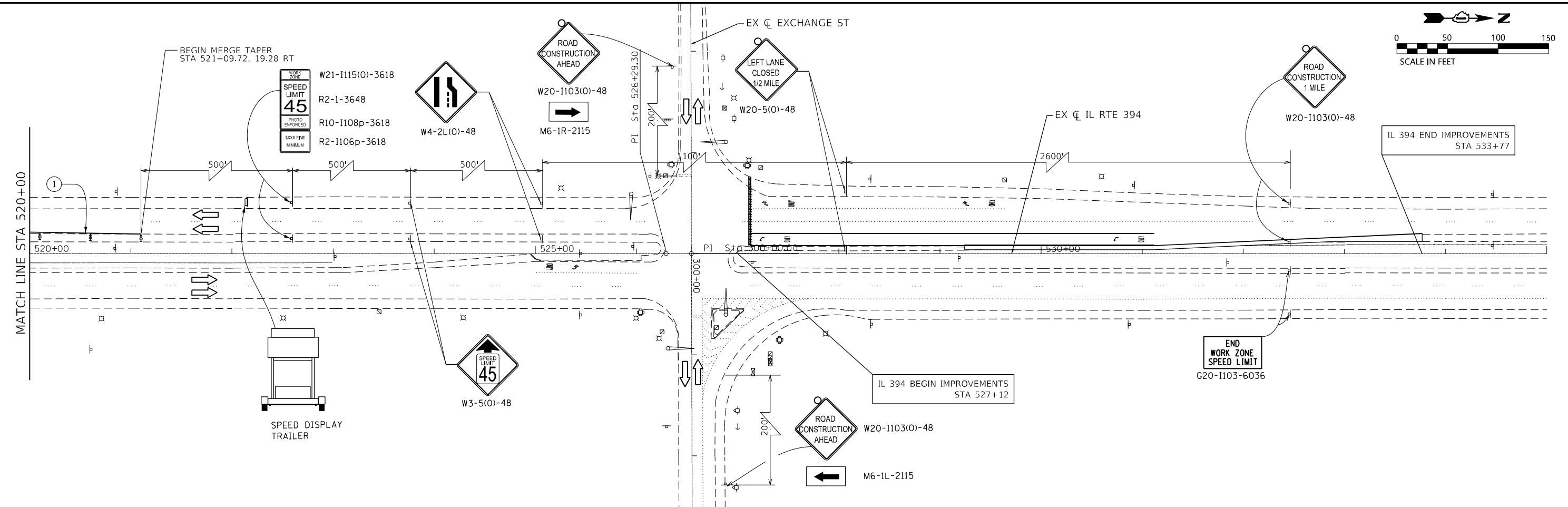
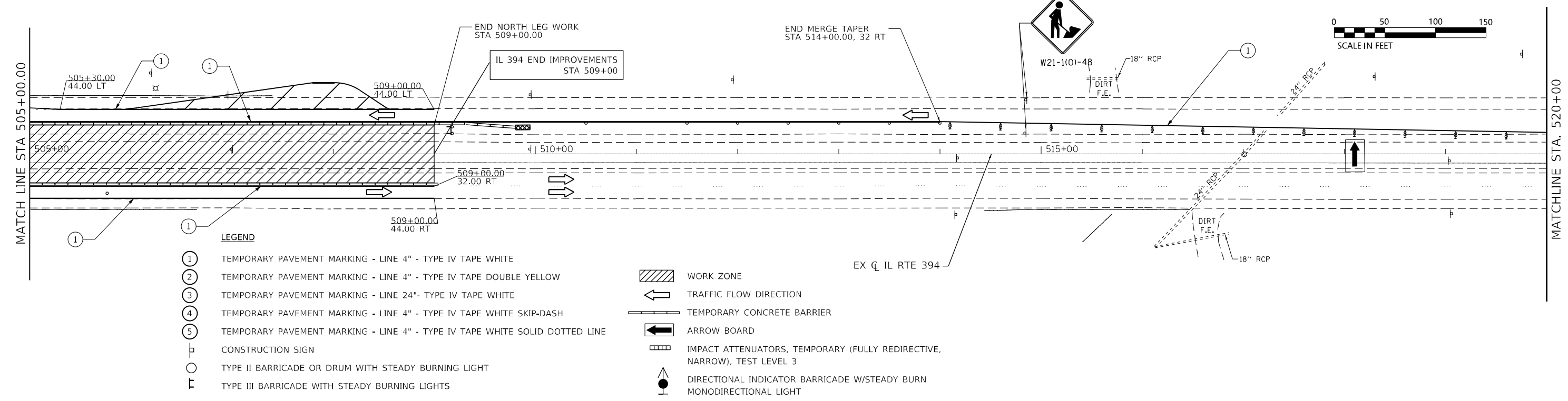
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PLOT DATE = 3/15/2023	DATE - 3/17/2023	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**IL RTE 394 AT BURVILLE RD
TRAFFIC CONTROL PLAN - STAGE 2**

SCALE: 1"=50' SHEET 1 OF 3 SHEETS STA. TO STA.

F.A.P. RTE. 332	SECTION 2021-057-N	COUNTY WILL	TOTAL SHEETS 110	SHEET NO. 50
			CONTRACT NO. 62N88	
ILLINOIS FED. AID PROJECT				



FILE NAME = P144216-sh1v-Stage2-02.dgn



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DRAWN - KE	REVISED -	
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PLOT DATE = 3/15/2023	DATE - 3/17/2023	REVISED -

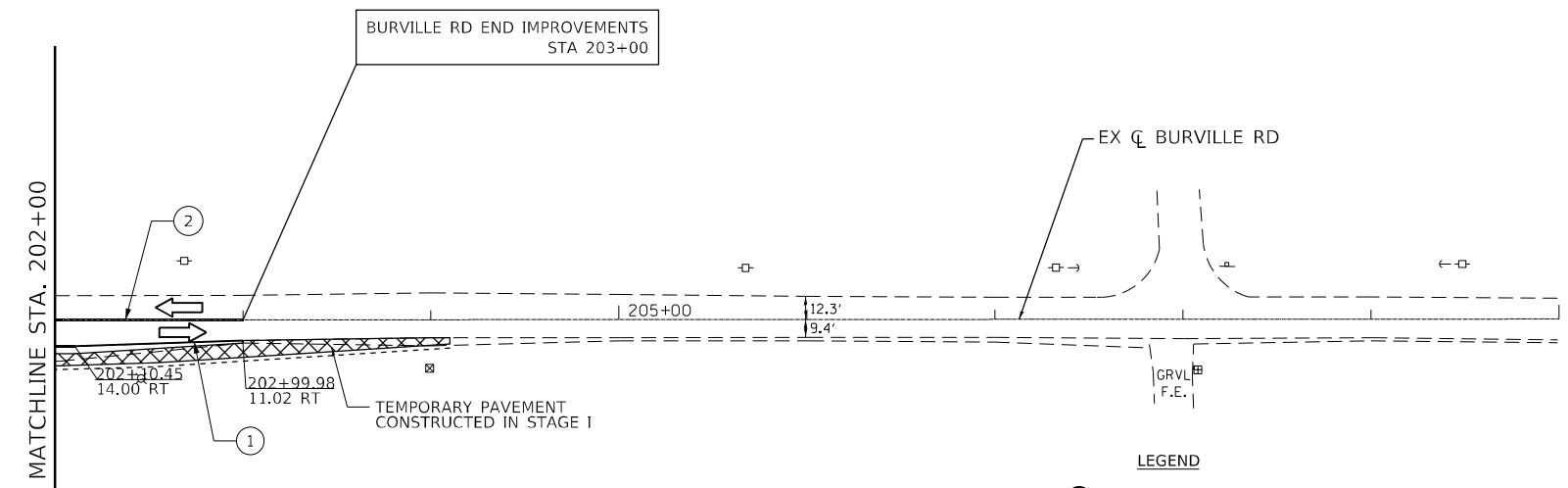
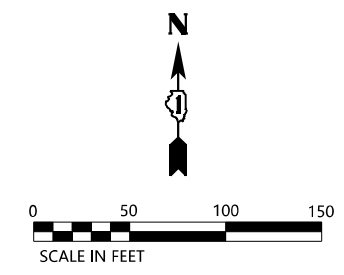
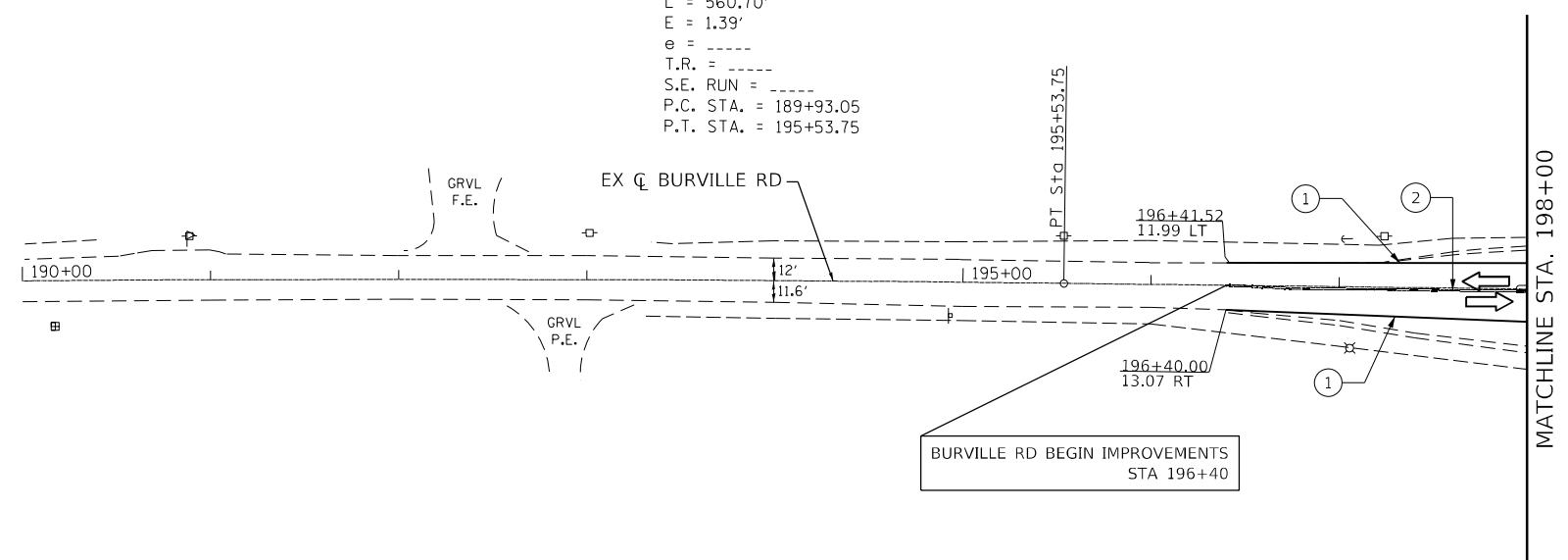
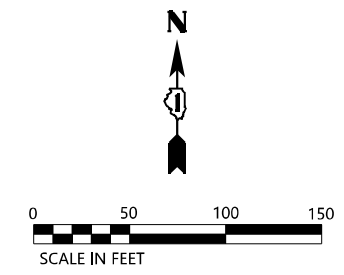
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**IL RTE 394 AT BURVILLE RD
TRAFFIC CONTROL PLAN - STAGE 2**

SCALE: 1"=50' SHEET 2 OF 3 SHEETS STA. TO STA.

F.A.P. RTE. 332	SECTION 2021-057-N	COUNTY WILL	TOTAL SHEETS 110	SHEET NO. 51
CONTRACT NO. 62N88				
ILLINOIS FED. AID PROJECT				

EXIST. CURVE C2
 PI STA. = 192+73.41
 $\Delta = 1^\circ 08' 22''$ (RT)
 $D = 0^\circ 12' 12''$
 $R = 28,192.80'$
 $T = 280.36'$
 $L = 560.70'$
 $E = 1.39'$
 $e = \text{---}$
 $T.R. = \text{---}$
 $S.E. \text{ RUN} = \text{---}$
 $P.C. \text{ STA.} = 189+93.05$
 $P.T. \text{ STA.} = 195+53.75$



- LEGEND**
- ① TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV TAPE WHITE
 - ② TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV TAPE DOUBLE YELLOW
 - ③ TEMPORARY PAVEMENT MARKING - LINE 24" - TYPE IV TAPE WHITE
 - ④ TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV TAPE WHITE SKIP-DASH
 - ⑤ TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV TAPE WHITE SOLID DOTTED LINE
 - ⊥ CONSTRUCTION SIGN
 - TYPE II BARRICADE OR DRUM WITH STEADY BURNING LIGHT
 - ⊥ TYPE III BARRICADE WITH STEADY BURNING LIGHTS
 - WORK ZONE
 - TRAFFIC FLOW DIRECTION
 - TEMPORARY CONCRETE BARRIER
 - ARROW BOARD
 - IMPACT ATTENUATORS, TEMPORARY (FULLY REDIRECTIVE, NARROW), TEST LEVEL 3
 - DIRECTIONAL INDICATOR BARRICADE W/STEADY BURN MONODIRECTIONAL LIGHT

FILE NAME = P:\4216-shr-stage2-03.dgn



USER NAME = kedy.estimable	DESIGNED - KE	REVISED -
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PLOT DATE = 3/15/2023	DATE - 3/17/2023	REVISED -

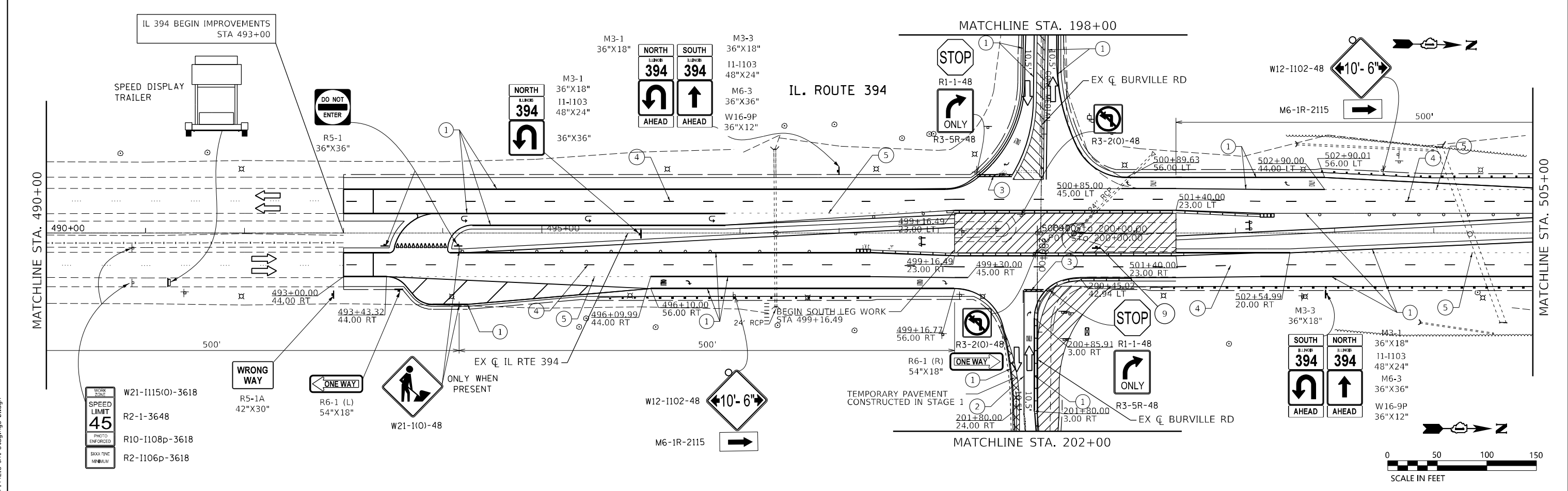
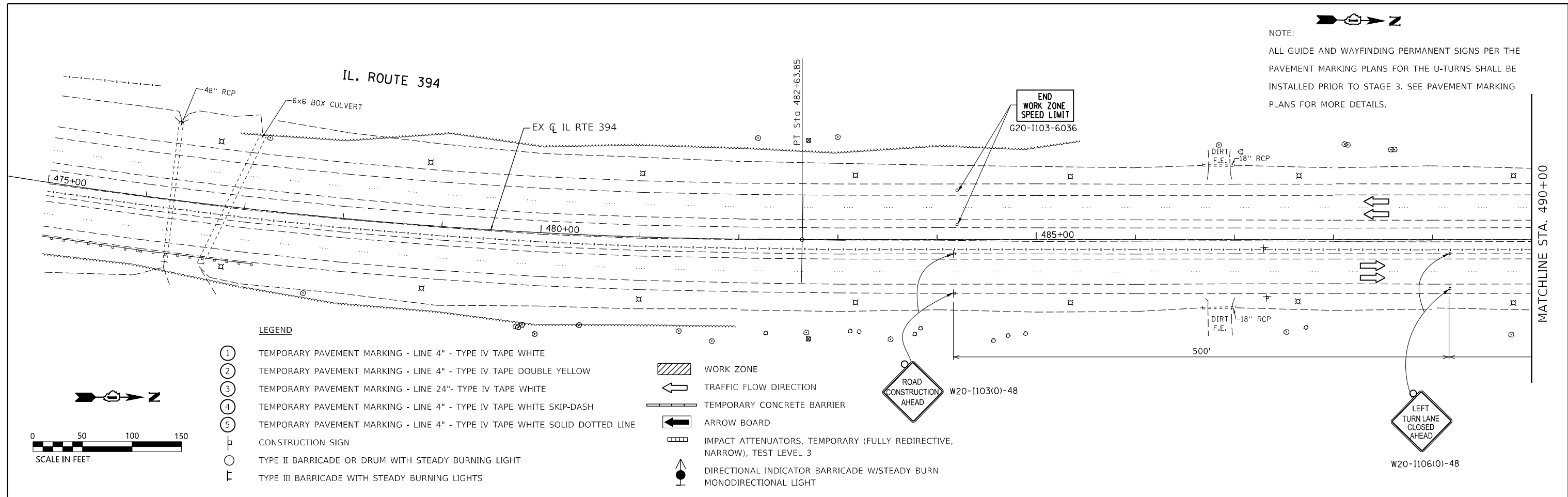
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**IL RTE 394 AT BURVILLE RD
 TRAFFIC CONTROL PLAN - STAGE 2**

SCALE: 1"=50' SHEET 3 OF 3 SHEETS STA. TO STA.

F.A.P. RTE. 332	SECTION 2021-057-N	COUNTY WILL	TOTAL SHEETS 110	SHEET NO. 52
			CONTRACT NO. 62N88	
ILLINOIS FED. AID PROJECT				

NOTE:
 ALL GUIDE AND WAYFINDING PERMANENT SIGNS PER THE PAVEMENT MARKING PLANS FOR THE U-TURNS SHALL BE INSTALLED PRIOR TO STAGE 3. SEE PAVEMENT MARKING PLANS FOR MORE DETAILS.



FILE NAME = P144216-shv-Stage3-01.dgn



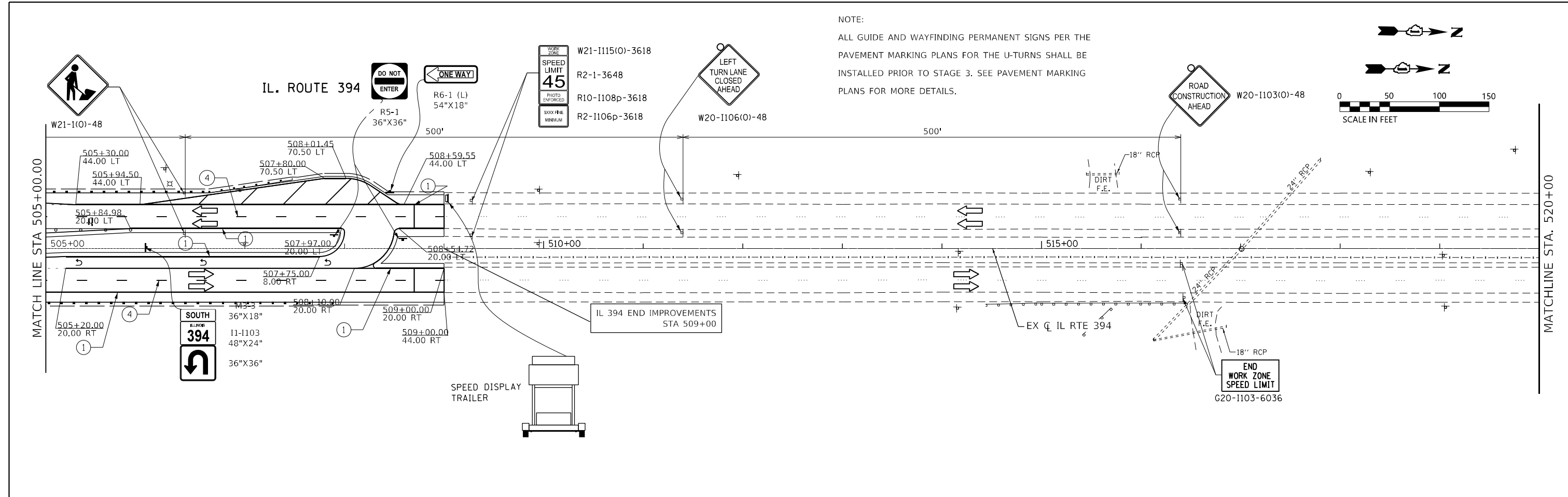
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	DATE - 3/17/2023	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

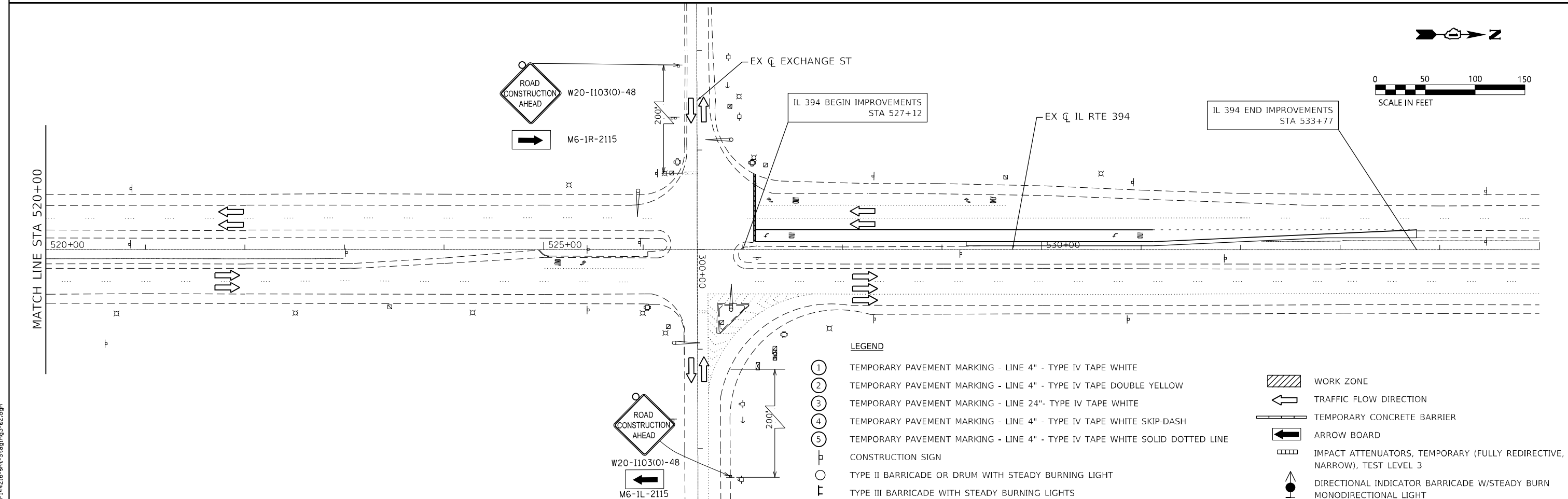
**IL RTE 394 AT BURVILLE RD
 TRAFFIC CONTROL PLAN - STAGE 3**

SCALE: 1"=50' SHEET 1 OF 3 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
332	2021-057-N	WILL	110	53
CONTRACT NO. 62N88				
ILLINOIS FED. AID PROJECT				



NOTE:
ALL GUIDE AND WAYFINDING PERMANENT SIGNS PER THE PAVEMENT MARKING PLANS FOR THE U-TURNS SHALL BE INSTALLED PRIOR TO STAGE 3. SEE PAVEMENT MARKING PLANS FOR MORE DETAILS.



- LEGEND**
- ① TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV TAPE WHITE
 - ② TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV TAPE DOUBLE YELLOW
 - ③ TEMPORARY PAVEMENT MARKING - LINE 24" - TYPE IV TAPE WHITE
 - ④ TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV TAPE WHITE SKIP-DASH
 - ⑤ TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV TAPE WHITE SOLID DOTTED LINE
 - CONSTRUCTION SIGN
 - TYPE II BARRICADE OR DRUM WITH STEADY BURNING LIGHT
 - TYPE III BARRICADE WITH STEADY BURNING LIGHTS
 - ▨ WORK ZONE
 - ← TRAFFIC FLOW DIRECTION
 - TEMPORARY CONCRETE BARRIER
 - ← ARROW BOARD
 - ▨ IMPACT ATTENUATORS, TEMPORARY (FULLY REDIRECTIVE, NARROW), TEST LEVEL 3
 - ↑ DIRECTIONAL INDICATOR BARRICADE W/STEADY BURN MONODIRECTIONAL LIGHT

FILE NAME = P144216-sh1-Stage3-02.dgn



USER NAME = kedy.estimable	DESIGNED - KE	REVISED -
PLOT SCALE = 100.0000' / in.	DRAWN - KE	REVISED -
PLOT DATE = 3/15/2023	CHECKED - PK	REVISED -
	DATE - 3/17/2023	REVISED -

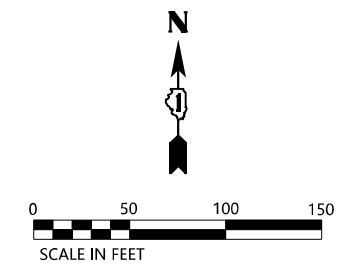
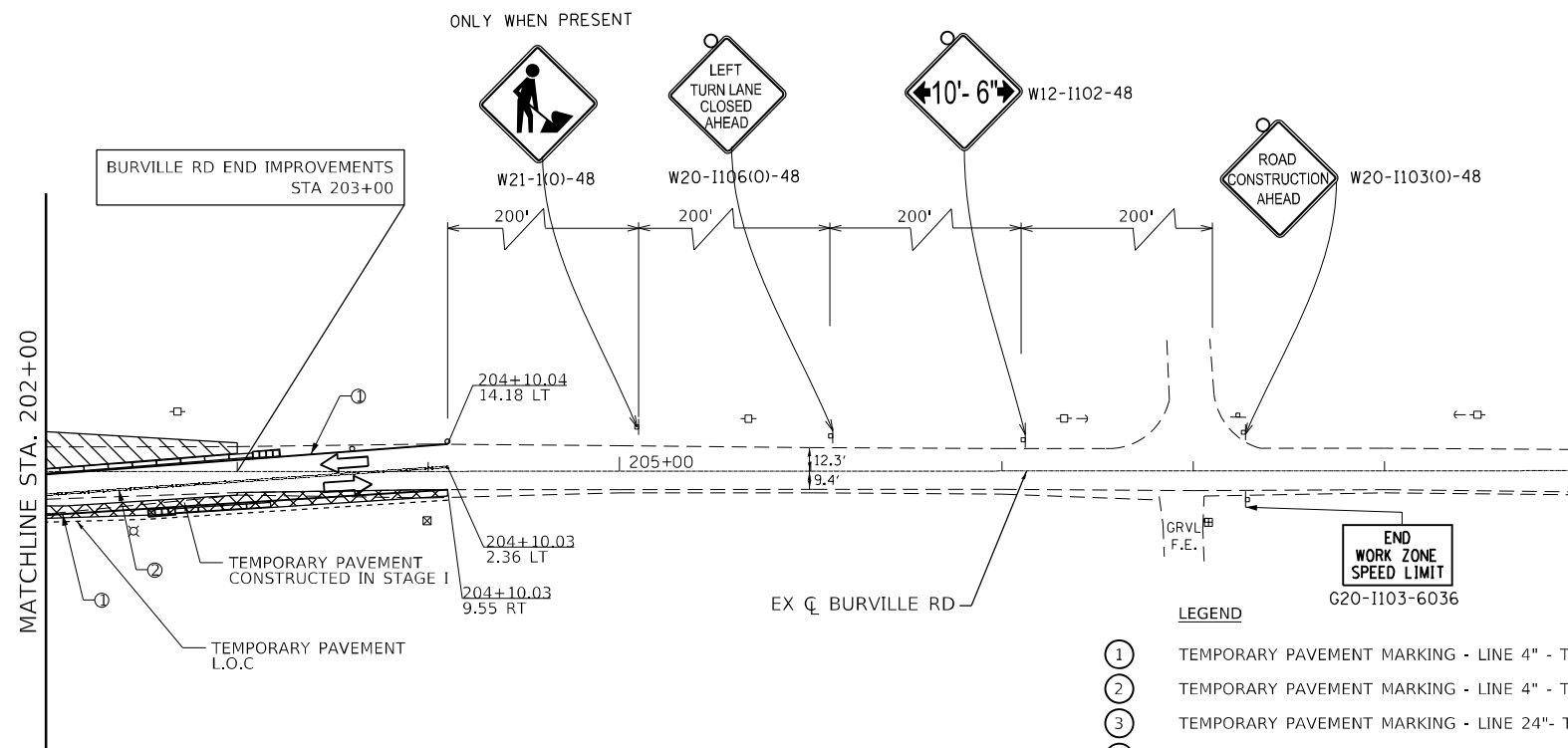
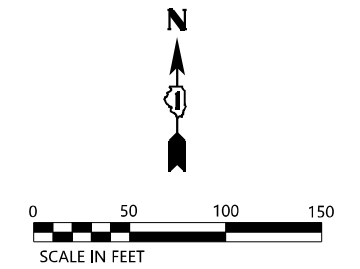
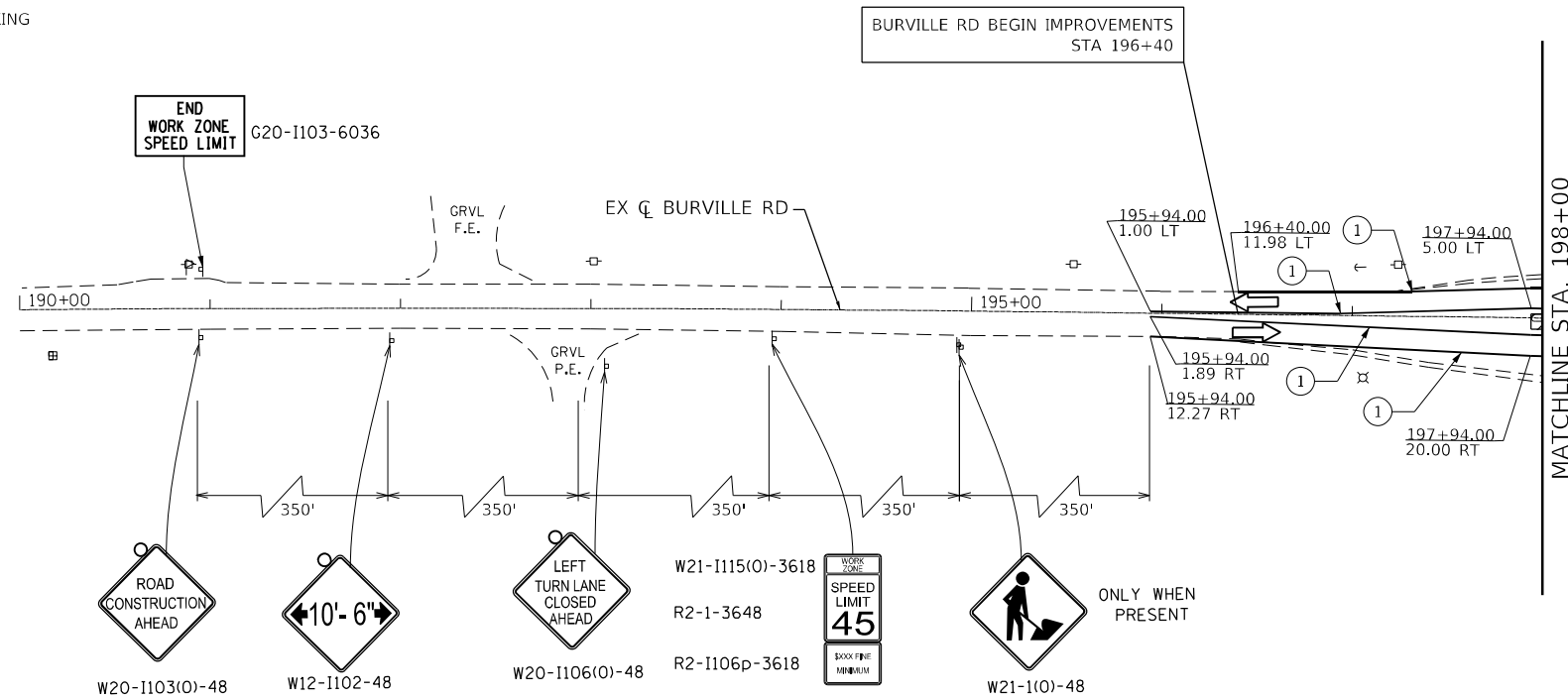
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**IL RTE 394 AT BURVILLE RD
TRAFFIC CONTROL PLAN - STAGE 3**

SCALE: 1"=50' SHEET 2 OF 3 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
332	2021-057-N	WILL	110	54
CONTRACT NO. 62N88				
ILLINOIS FED. AID PROJECT				

NOTE:
 ALL GUIDE AND WAYFINDING PERMANENT SIGNS PER THE PAVEMENT MARKING PLANS FOR THE U-TURNS SHALL BE INSTALLED PRIOR TO STAGE 3. SEE PAVEMENT MARKING PLANS FOR MORE DETAILS.



- LEGEND**
- ① TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV TAPE WHITE
 - ② TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV TAPE DOUBLE YELLOW
 - ③ TEMPORARY PAVEMENT MARKING - LINE 24" - TYPE IV TAPE WHITE
 - ④ TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV TAPE WHITE SKIP-DASH
 - ⑤ TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV TAPE WHITE SOLID DOTTED LINE
 - ⊥ CONSTRUCTION SIGN
 - TYPE II BARRICADE OR DRUM WITH STEADY BURNING LIGHT
 - ⊥ TYPE III BARRICADE WITH STEADY BURNING LIGHTS
 - WORK ZONE
 - TRAFFIC FLOW DIRECTION
 - TEMPORARY CONCRETE BARRIER
 - ARROW BOARD
 - IMPACT ATTENUATORS, TEMPORARY (FULLY REDIRECTIVE, NARROW), TEST LEVEL 3
 - DIRECTIONAL INDICATOR BARRICADE W/STEADY BURN MONODIRECTIONAL LIGHT

FILE NAME = P14216-shr-stage3-03.dgn













USER NAME = kedy.estimable	DESIGNED - KE	REVISED -
PLOT SCALE = 100.0000' / in.	DRAWN - KE	REVISED -
PLOT DATE = 3/15/2023	CHECKED - PK	REVISED -
	DATE - 3/17/2023	REVISED -

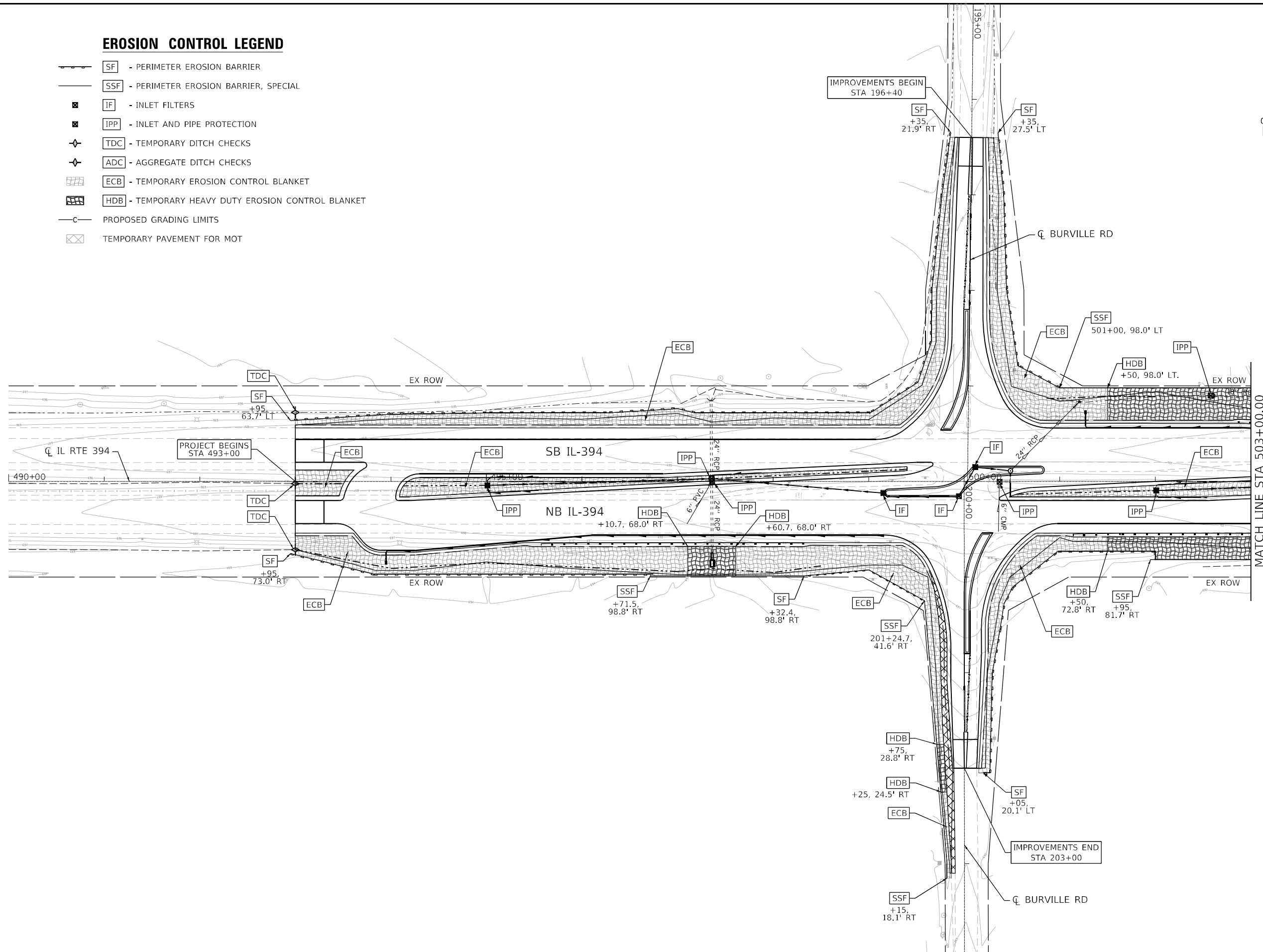
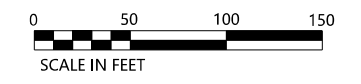
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

IL RTE 394 AT BURVILLE RD TRAFFIC CONTROL PLAN - STAGE 3		
SCALE: 1"=50'	SHEET 3 OF 3 SHEETS	STA. TO STA.

F.A.P. RTE. 332	SECTION 2021-057-N	COUNTY WILL	TOTAL SHEETS 110	SHEET NO. 55
CONTRACT NO. 62N88				
ILLINOIS FED. AID PROJECT				

EROSION CONTROL LEGEND

-  SF - PERIMETER EROSION BARRIER
-  SSF - PERIMETER EROSION BARRIER, SPECIAL
-  IF - INLET FILTERS
-  IPP - INLET AND PIPE PROTECTION
-  TDC - TEMPORARY DITCH CHECKS
-  ADC - AGGREGATE DITCH CHECKS
-  ECB - TEMPORARY EROSION CONTROL BLANKET
-  HDB - TEMPORARY HEAVY DUTY EROSION CONTROL BLANKET
-  PROPOSED GRADING LIMITS
-  TEMPORARY PAVEMENT FOR MOT



FILE NAME = P144216-shit-eros-01.dgn













USER NAME = sean.martin	DESIGNED - AH	REVISED -
	DRAWN - AH	REVISED -
PLOT SCALE = 100.0000' / in.	CHECKED - WS	REVISED -
PLOT DATE = 3/15/2023	DATE - 3/17/2023	REVISED -

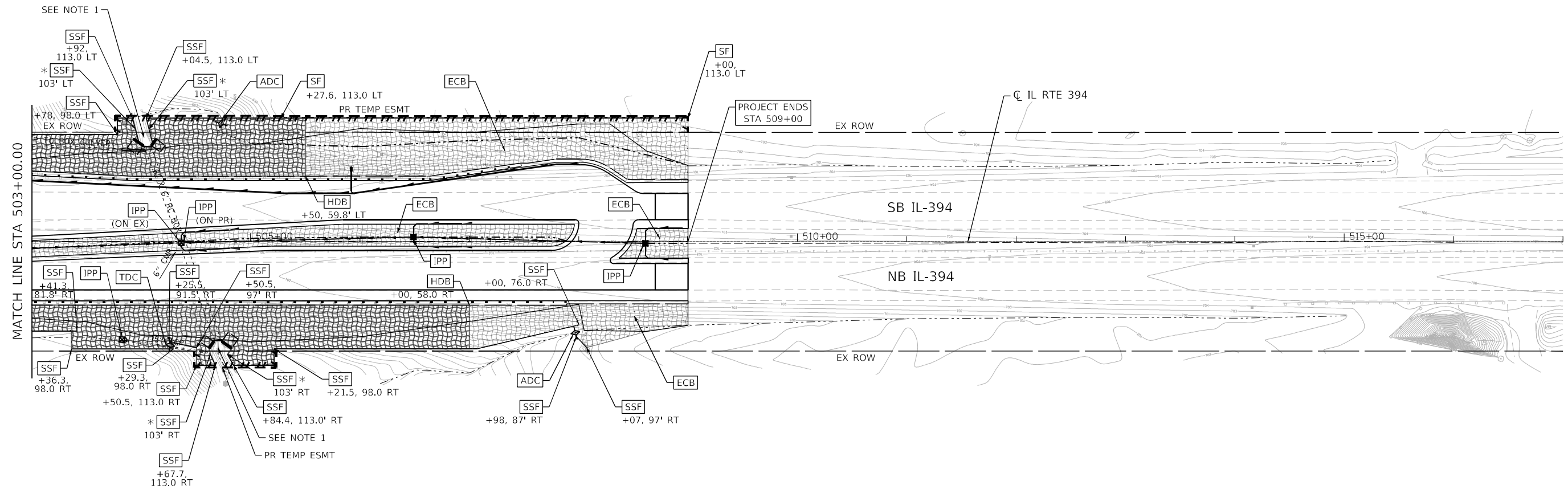
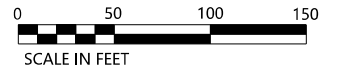
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

IL RTE 394 AT BURVILLE RD EROSION CONTROL PLAN	
SCALE: 1"=50'	SHEET 1 OF 3 SHEETS
STA. 490+00.00	TO STA. 503+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
332	2021-057-N	WILL	110	56
CONTRACT NO. 62N88			ILLINOIS FED. AID PROJECT	

EROSION CONTROL LEGEND

-  - PERIMETER EROSION BARRIER
-  - PERIMETER EROSION BARRIER, SPECIAL
-  - INLET FILTERS
-  - INLET AND PIPE PROTECTION
-  - TEMPORARY DITCH CHECKS
-  - AGGREGATE DITCH CHECKS
-  - TEMPORARY EROSION CONTROL BLANKET
-  - TEMPORARY HEAVY DUTY EROSION CONTROL BLANKET
-  - PROPOSED GRADING LIMITS
-  - TEMPORARY PAVEMENT FOR MOT



NOTES

- 1) FOR WINGWALL RECONSTRUCTION, CONTRACTOR TO PROTECT WATERWAY AS REQUIRED BY USACE PERMIT. AFTER STRUCTURAL WORK IS COMPLETE, THE STREAM SHALL BE RESTORED BACK TO ITS ORIGINAL CONDITION.
- * END OF **SSF** IS PARALLEL TO THE CREEK

FILE NAME = P14216-shit-eros-02.dgn



USER NAME = sean.martin	DESIGNED - AH	REVISED -
PLOT SCALE = 100.0000' / in.	DRAWN - AH	REVISED -
PLOT DATE = 3/15/2023	CHECKED - WS	REVISED -
	DATE - 3/17/2023	REVISED -











**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

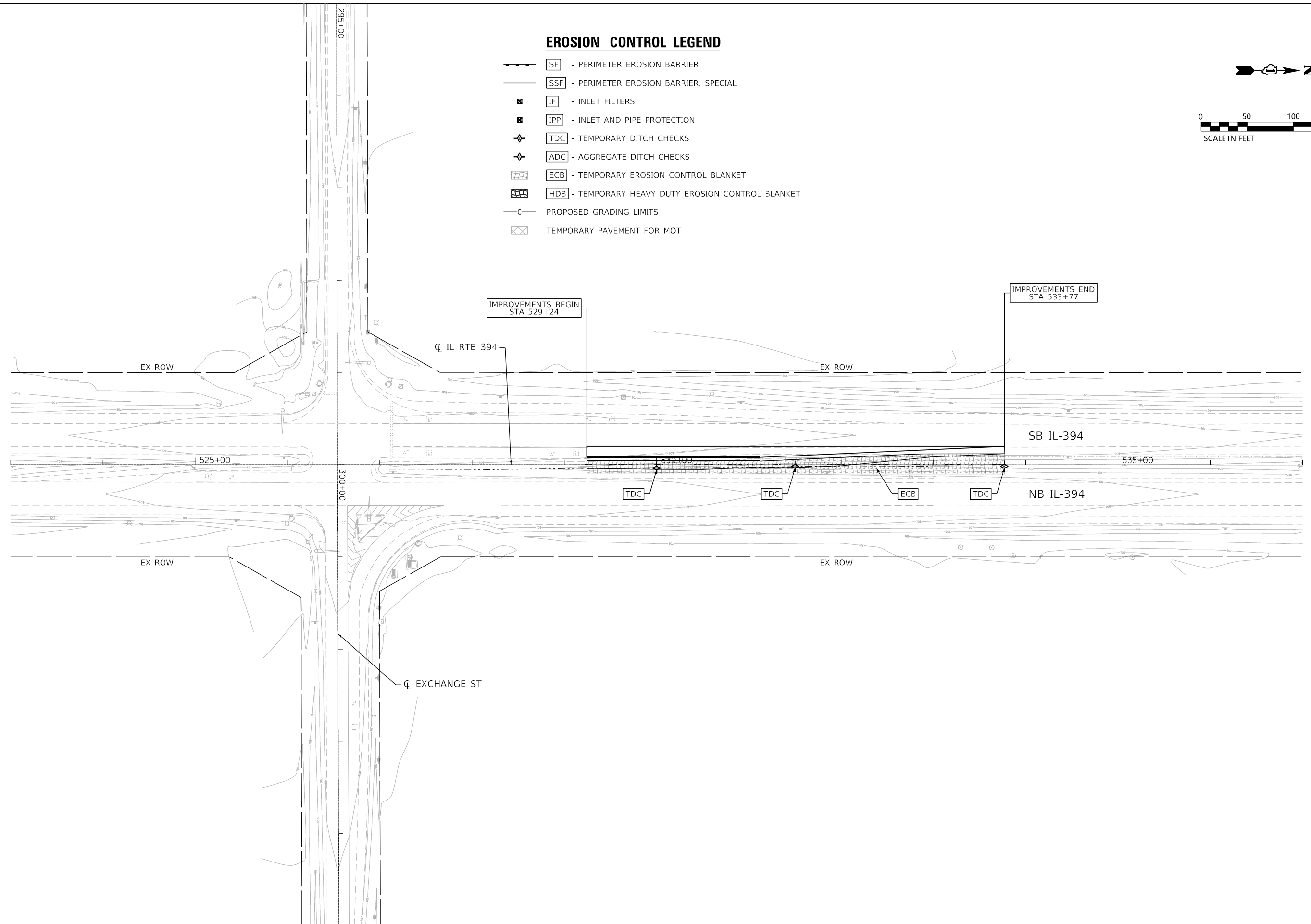
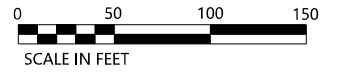
**IL RTE 394 AT BURVILLE RD
EROSION CONTROL PLAN**

SCALE: 1"=50' SHEET 2 OF 3 SHEETS STA. 503+00.00 TO STA. 517+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
332	2021-057-N	WILL	110	57
CONTRACT NO. 62N88			ILLINOIS FED. AID PROJECT	

EROSION CONTROL LEGEND

-  SF - PERIMETER EROSION BARRIER
-  SSF - PERIMETER EROSION BARRIER, SPECIAL
-  IF - INLET FILTERS
-  IPP - INLET AND PIPE PROTECTION
-  TDC - TEMPORARY DITCH CHECKS
-  ADC - AGGREGATE DITCH CHECKS
-  ECB - TEMPORARY EROSION CONTROL BLANKET
-  HDB - TEMPORARY HEAVY DUTY EROSION CONTROL BLANKET
-  C - PROPOSED GRADING LIMITS
-  X - TEMPORARY PAVEMENT FOR MOT



FILE NAME = P14216-shit-eros-03.dgn



USER NAME = sean.martin	DESIGNED - AH	REVISED -
	DRAWN - AH	REVISED -
PLOT SCALE = 100.0000' / in.	CHECKED - WS	REVISED -
PLOT DATE = 3/15/2023	DATE - 3/17/2023	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

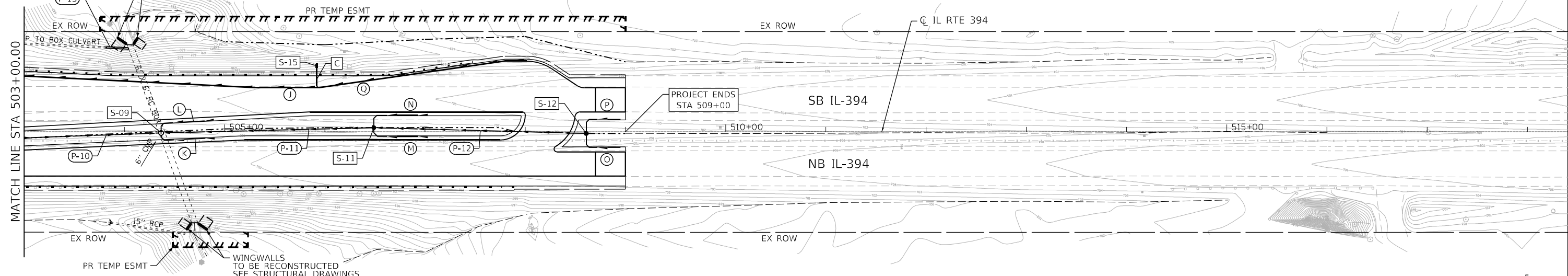
**IL RTE 394 AT BURVILLE RD
EROSION CONTROL PLAN**

SCALE: 1"=50' SHEET 3 OF 3 SHEETS STA. 523+00.00 TO STA. 537+00.00

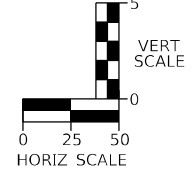
F.A.P. RTE. 332	SECTION 2021-057-N	COUNTY WILL	TOTAL SHEETS 110	SHEET NO. 58
			CONTRACT NO. 62N88	
ILLINOIS FED. AID PROJECT				



- (P-08) STORM SEW CL A 2
24" DIA. 7 FT @ 1.13%
- (P-10) STORM SEW CL A 2
18" DIA. 232 FT @ 0.30%
- (P-11) STORM SEW CL A 2
18" DIA. 209 FT @ 0.64%
- (P-12) STORM SEW CL A 2
18" DIA. 209 FT @ 0.43%
- (P-13) STORM SEW CL A 2
18" DIA. 22 FT
MATCH EX SLOPE
- (K) PIPE UNDERDR T 2
6" DIA. 57 FT
START STA. 504+90.09
- (L) PIPE UNDERDR T 2
6" DIA. 59 FT
START STA. 504+89.27
- (M) PIPE UNDERDR T 2
6" DIA. 58 FT
START STA. 507+02.63
- (N) PIPE UNDERDR T 2
6" DIA. 62 FT
START STA. 507+02.63
- (O) PIPE UNDERDR T 2
6" DIA. 44 FT
START STA. 508+95.00
- (P) PIPE UNDERDR T 2
6" DIA. 44 FT
START STA. 508+95.00
- (Q) PIPE UNDERDR T 2
6" DIA. 210 FT
START STA. 508+00.00
- (C) PIPE UNDERDRAIN 6 SP
6" DIA. 20 FT
START STA. 505+92.00

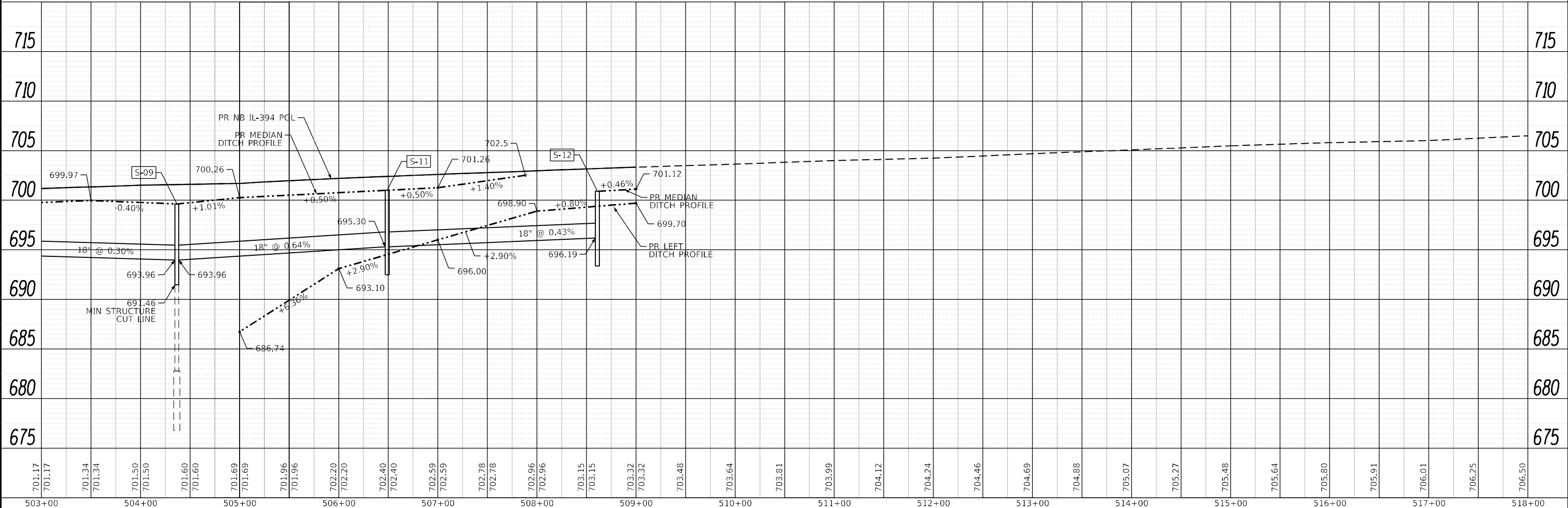


- (S-09) MAN RECON NEW T8G
CENTER OF STRUCTURE
STA. 504+36.68, 1.01' RT
RIM ELEV = 699.62
N 18" INV = 693.96
S 18" INV = 693.96
E 6" INV = 694.78
W 6" INV = 696.57
BEGIN MAN RECONSTRUCTION
AT MIN ELEV = 691.46
- (S-11) CB TA 4 DIA T8G
CENTER OF STRUCTURE
STA. 506+49.00, 4.21' LT
RIM ELEV = 701.00
N 18" INV = 695.30
S 18" INV = 695.30
E 6" INV = 697.95
W 6" INV = 697.95
- (S-12) CB TA 4 DIA T8G
CENTER OF STRUCTURE
STA. 508+61.00, 1.55' RT
RIM ELEV = 700.90
N 18" INV = 696.19
S 18" INV = 696.19
E 6" INV = 697.85
W 6" INV = 697.85
- (S-15) CONC HDWL FOR P DRAIN
CONNECTION POINT AT
PIPE CENTERLINE TO OUTSIDE
WALL OF HEADWALL
STA. 505+92.00, 64.31' LT
INV = 699.06



PLAN	SURVEYED	DATE
	PLOTTED	
	ALIGNED	
	CHECKED	
	DESIGNED	
	BY	
	NO.	

PROFILE	SURVEYED	DATE
	PLOTTED	
	GRADES	
	CHECKED	
	STRUCTURE	
	NOTATIONS	
	BY	
	NO.	



FILE NAME = P144216-shd-dr-01-02.dgn

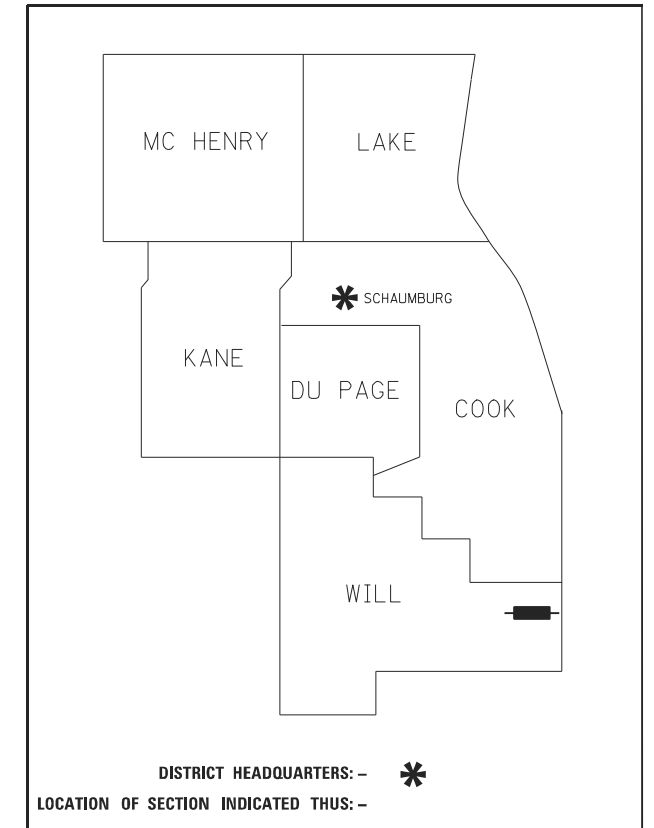
	USER NAME = sean.martin	DESIGNED - AH	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	IL RTE 394 AT BURVILLE RD DRAINAGE PLAN AND PROFILE		F.A.P. RTE. 332	SECTION 2021-057-N	COUNTY WILL	TOTAL SHEETS 110	SHEET NO. 60
	PLOT SCALE = 100.0000' / in.	CHECKED - WS	REVISED -		SCALE: 1"=50'	SHEET 2 OF 2 SHEETS	STA. 503+00.00 TO STA. 518+00.00	CONTRACT NO. 62N88		ILLINOIS FED. AID PROJECT	
	PLOT DATE = 3/17/2023	DATE - 3/17/2023	REVISED -								

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
PLAT OF HIGHWAYS

ROUTE: IL. 394 (CALUMET EXPRESSWAY)
SECTION:
COUNTY: WILL
LIMITS: AT BURVILLE ROAD
JOB NO.: R-91-013-19



LOCATION MAP



**PRINTED BY THE AUTHORITY
OF THE STATE OF ILLINOIS**

RETURN ORIGINAL TO:

ILLINOIS DEPARTMENT OF TRANSPORTATION
201 WEST CENTER COURT
SCHAUMBURG ILLINOIS, 60169
ATTN: BUREAU OF LAND ACQUISITION

IDOT USE ONLY

APPROVED
By *ccris* on 08/14/2014 10:42 am, Step 16, 2 of 21

PLAT OF HIGHWAYS INDEX SHEET

PARCEL NUMBER	OWNER	SHEET NUMBER	PROPERTY ACQUIRED BY
INY0001TE	Wehlan Triebold Trustee of the Wehlan Triebold Trust Agreement dated August 24, 1992 and Carol Triebold Trustee of the Carol Triebold Trust Agreement dated August 24, 1992, each as to an undivided 1/2 interest.	2, 3	
INY0002TE	CAROL A. TOOMEY	2, 3	



DB STERLIN CONSULTANTS, INC.
 123 N. WACKER DRIVE SUITE 2000
 CHICAGO, ILLINOIS 60606
 TEL. (312)857-1006 FAX. (312)857-1056

PLAT OF HIGHWAYS
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
 IL. 394 (CALUMET EXPRESSWAY)

LIMITS: AT BURVILLE ROAD
 COUNTY: WILL
 SECTION: JOB NO.: R-91-013-19
 STATION: 200+00 TO 509+00
 SCALE: N/A SHEET 1 OF 3

IDOT USE ONLY

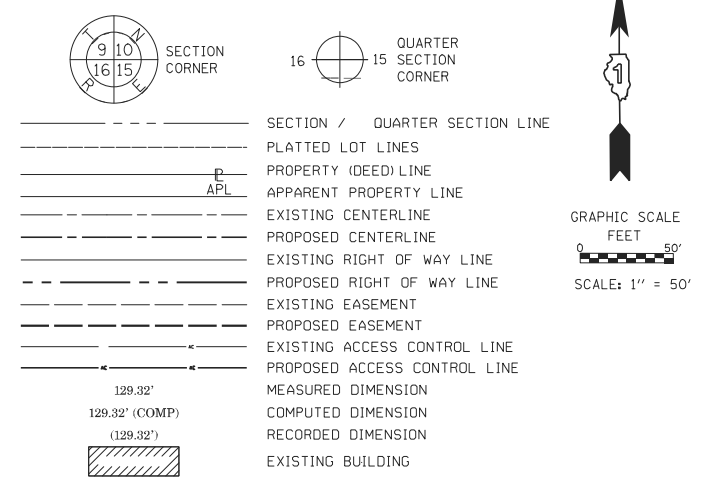
APPROVED
 By ccrea o ar 1 43 am, Sep 16, 2 21

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

REVISION DATE: ___/___/___ REVISION MADE BY: _____

PART OF THE NE 1/4 OF SECTION 14, TWP. 34 N., R. 14 E. OF THE 3RD. P.M., IN WILL COUNTY, ILLINOIS.

LEGEND



BEARINGS ARE REFERENCED TO THE ILLINOIS STATE PLANE COORDINATE SYSTEM, NAD83 (2011 ADJUSTMENT), EAST ZONE.

- IRON PIPE OR ROD FOUND
- + CUT CROSS FOUND OR SET
- STAKING OF PROPOSED RIGHT OF WAY DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN, IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.
- M STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS. BURIED 5/8 INCH METAL ROD 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY MARKER POSITION IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- ⊙ PERMANENT SURVEY MARKER, I.D.O.T. STANDARD 667101.02 (TO BE SET BY OTHERS)
- RIGHT OF WAY STAKING PROPOSED TO BE SET

SURVEY NOTES:

1. ALL DIMENSIONS ARE MEASURED UNLESS OTHERWISE SPECIFIED.
2. BEARING, DISTANCES, AND COORDINATES SHOWN HEREON REFERENCE THE ILLINOIS STATE PLANE COORDINATE SYSTEM, EAST ZONE, NORTH AMERICAN DATUM OF 1983 (2011 ADJUSTMENT) "GRID".
3. ALL MEASURED AND CALCULATED DISTANCES ARE "GRID" NOT "GROUND". TO OBTAIN GROUND DISTANCES, DIVIDE GRID DISTANCES SHOWN BY THE COMBINATION FACTOR OF 0.999973090.
4. AREAS SHOWN ON THIS PLAT ARE "GROUND".
5. FIELD SURVEY COMPLETED ON MARCH 29, 2021.

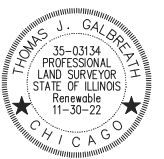
STATE OF ILLINOIS)
 COUNTY OF COOK)

THIS IS TO CERTIFY THAT WE, DB STERLIN CONSULTANTS, INC. AN ILLINOIS PROFESSIONAL DESIGN FIRM LAND SURVEYING CORPORATION, NUMBER 184-001909, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 14, TOWNSHIP 34 NORTH, RANGE 14 EAST OF THE THIRD PRINCIPAL MERIDIAN, WILL COUNTY, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED, MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

DATED AT CHICAGO, ILLINOIS THIS 29TH DAY OF MARCH, 2021 A.D.

ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 35-3134
 LICENSE EXPIRATION DATE: NOV. 30, 2022

THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY.



DBS DB STERLIN CONSULTANTS, INC.
 123 N. WACKER DRIVE SUITE 2000
 CHICAGO, ILLINOIS 60606
 TEL. (312)857-1006 FAX. (312)857-1056

PLAT OF HIGHWAYS
 STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION
 IL. 394 (CALUMET EXPRESSWAY)
 LIMITS: AT BURVILLE ROAD
 COUNTY: WILL
 SECTION: JOB NO.: R-91-013-19
 STATION: 200+00 TO 509+00
 SCALE: 1" = 50' SHEET 2 OF 3
BUREAU OF LAND ACQUISITION
 201 WEST CENTER COURT
 SCHAMBURG, ILLINOIS 60196

IDOT USE ONLY

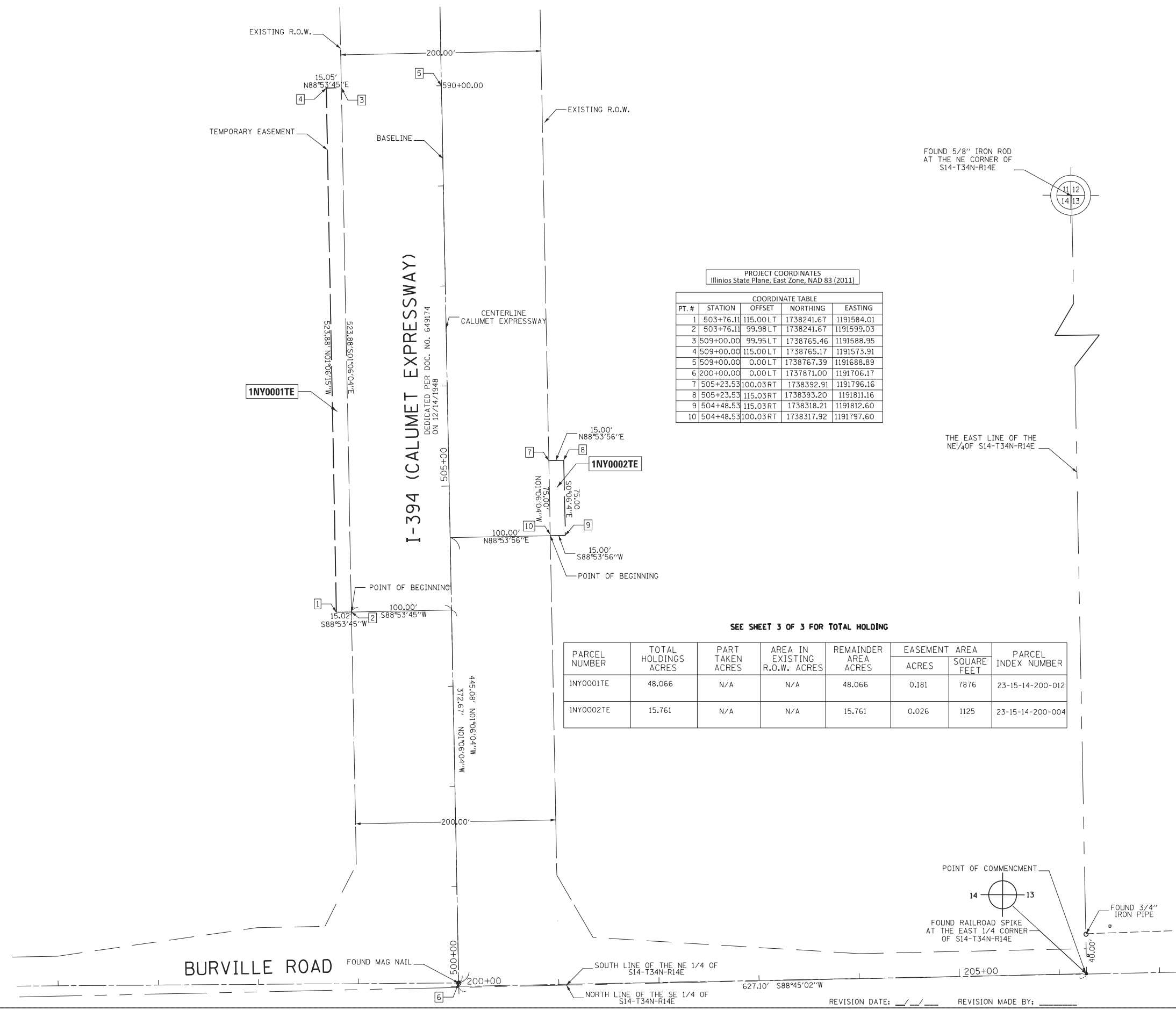
APPROVED
 By ccorea o. at 1:43 am, Sep 16, 2021

PROJECT COORDINATES
 Illinois State Plane, East Zone, NAD 83 (2011)

PT. #	STATION	OFFSET	NORTHING	EASTING
1	503+76.11	115.00LT	1738241.67	1191584.01
2	503+76.11	99.98LT	1738241.67	1191599.03
3	509+00.00	99.95LT	1738765.46	1191588.95
4	509+00.00	115.00LT	1738765.17	1191573.91
5	509+00.00	0.00LT	1738767.39	1191688.89
6	200+00.00	0.00LT	1737871.00	1191706.17
7	505+23.53	100.03RT	1738392.91	1191796.16
8	505+23.53	115.03RT	1738393.20	1191811.16
9	504+48.53	115.03RT	1738318.21	1191812.60
10	504+48.53	100.03RT	1738317.92	1191797.60

SEE SHEET 3 OF 3 FOR TOTAL HOLDING

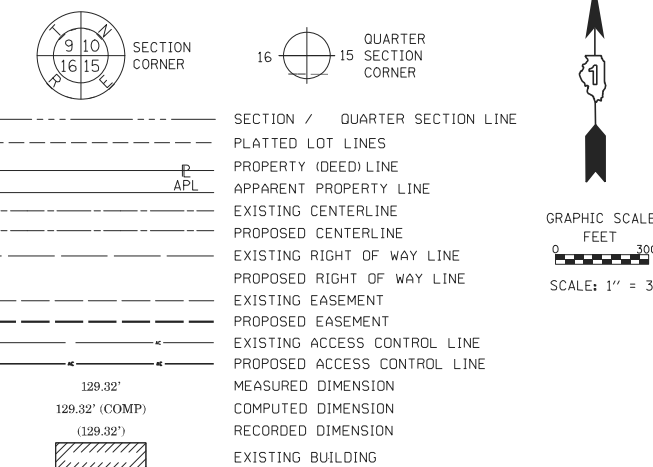
PARCEL NUMBER	TOTAL HOLDINGS ACRES	PART TAKEN ACRES	AREA IN EXISTING R.O.W. ACRES	REMAINDER AREA ACRES	EASEMENT AREA		PARCEL INDEX NUMBER
					ACRES	SQUARE FEET	
1NY0001TE	48.066	N/A	N/A	48.066	0.181	7876	23-15-14-200-012
1NY0002TE	15.761	N/A	N/A	15.761	0.026	1125	23-15-14-200-004



REVISION DATE: ___/___/___ REVISION MADE BY: _____

TOTAL HOLDING PARCEL 1YN0001TE

LEGEND



BEARINGS ARE REFERENCED TO THE ILLINOIS STATE PLANE COORDINATE SYSTEM, NAD83 (2011 ADJUSTMENT), EAST ZONE.

- IRON PIPE OR ROD FOUND
- + CUT CROSS FOUND OR SET
- STAKING OF PROPOSED RIGHT OF WAY, SET DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN, IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.
- M STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS, BURIED 5/8 INCH METAL ROD 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY MARKER POSITION IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- ⊙ PERMANENT SURVEY MARKER, I.D.O.T. STANDARD 667101.02 (TO BE SET BY OTHERS)
- RIGHT OF WAY STAKING PROPOSED TO BE SET

SURVEY NOTES:

1. ALL DIMENSIONS ARE MEASURED UNLESS OTHERWISE SPECIFIED.
2. BEARING, DISTANCES, AND COORDINATES SHOWN HEREON REFERENCE THE ILLINOIS STATE PLANE COORDINATE SYSTEM, EAST ZONE, NORTH AMERICAN DATUM OF 1983 (2011 ADJUSTMENT) "GRID".
3. ALL MEASURED AND CALCULATED DISTANCES ARE "GRID" NOT "GROUND". TO OBTAIN GROUND DISTANCES, DIVIDE GRID DISTANCES SHOWN BY THE COMBINATION FACTOR OF 0.999973090.
4. AREAS SHOWN ON THIS PLAT ARE "GROUND".
5. FIELD SURVEY COMPLETED ON MARCH 29, 2021.

STATE OF ILLINOIS)
COUNTY OF COOK)

THIS IS TO CERTIFY THAT WE, DB STERLIN CONSULTANTS, INC. AN ILLINOIS PROFESSIONAL DESIGN FIRM LAND SURVEYING CORPORATION, NUMBER 184-001909, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 14, TOWNSHIP 34 NORTH, RANGE 14 EAST OF THE THIRD PRINCIPAL MERIDIAN, WILL COUNTY, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED, MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

DATED AT CHICAGO, ILLINOIS THIS 29TH DAY OF MARCH, 2021 A.D.

ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 35-3134
LICENSE EXPIRATION DATE: NOV. 30, 2022

THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY.



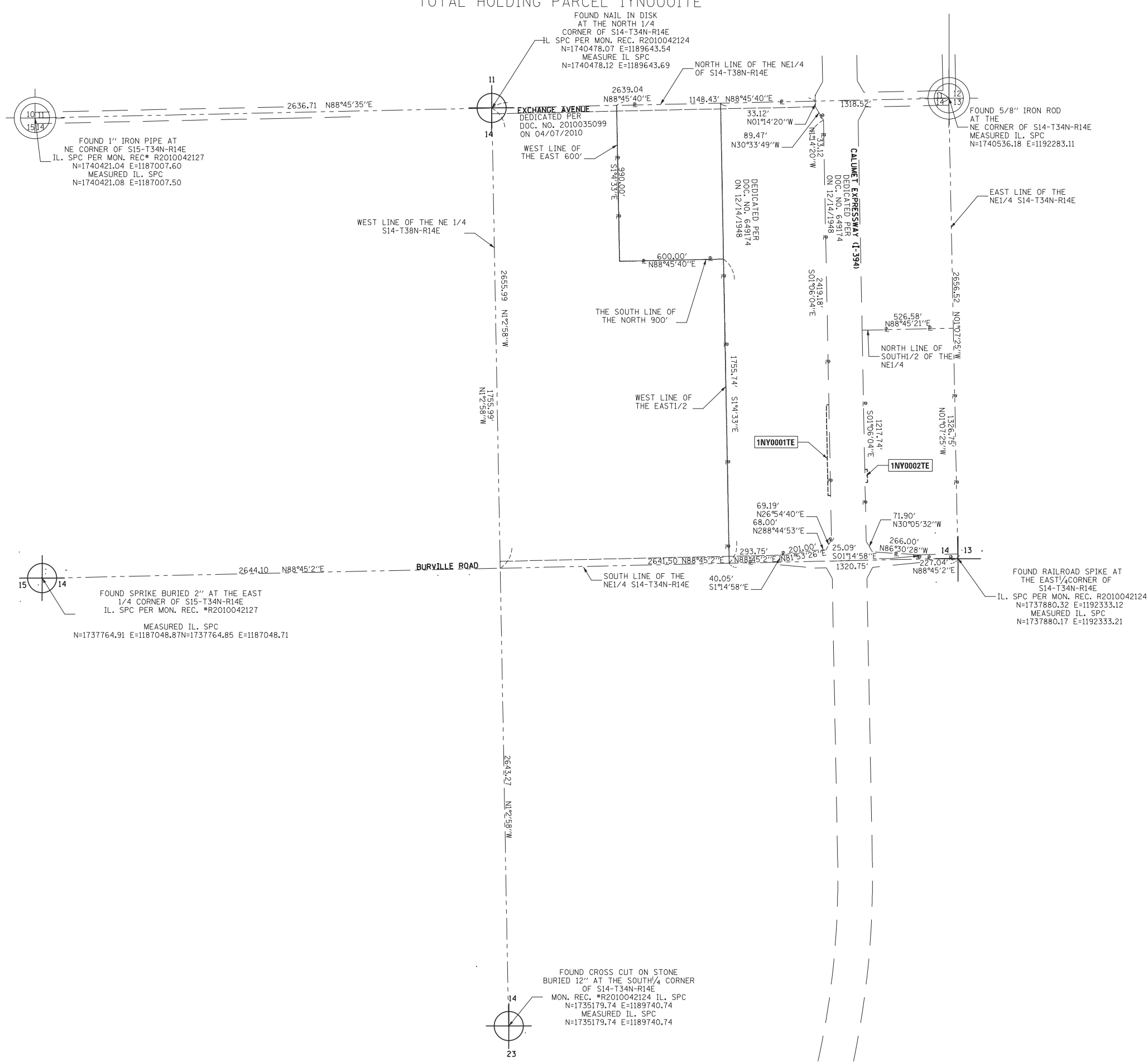
DBS DB STERLIN CONSULTANTS, INC.
123 N. WACKER DRIVE SUITE 2000
CHICAGO, ILLINOIS 60606
TEL. (312)857-1006 FAX. (312)857-1056

PLAT OF HIGHWAYS
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
IL. 394 (CALUMET EXPRESSWAY)
LIMITS: AT BURVILLE ROAD
COUNTY: WILL
SECTION: JOB NO.: R-91-013-19
STATION: 200+00 TO 509+00
SCALE: 1" = 300' SHEET 3 OF 3

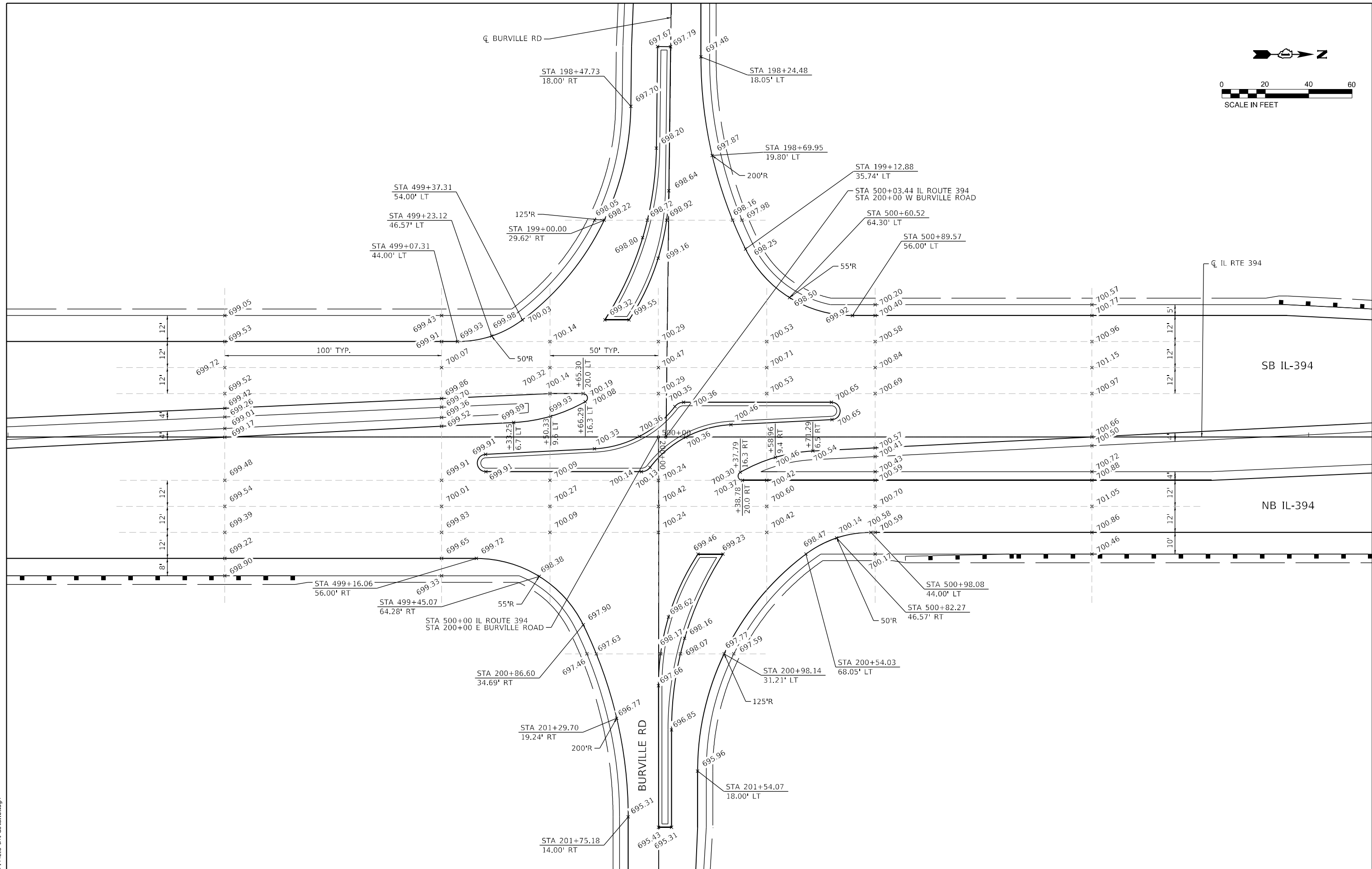
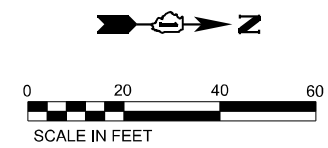
BUREAU OF LAND ACQUISITION
201 WEST CENTER COURT
SCHAUMBURG, ILLINOIS 60196

IDOT USE ONLY

APPROVED
By: cccrea o. at 1:43 am, Sep 16, 2021



REVISION DATE: / / REVISION MADE BY: _____



FILE NAME = P:\4216-shr-det\01.dgn



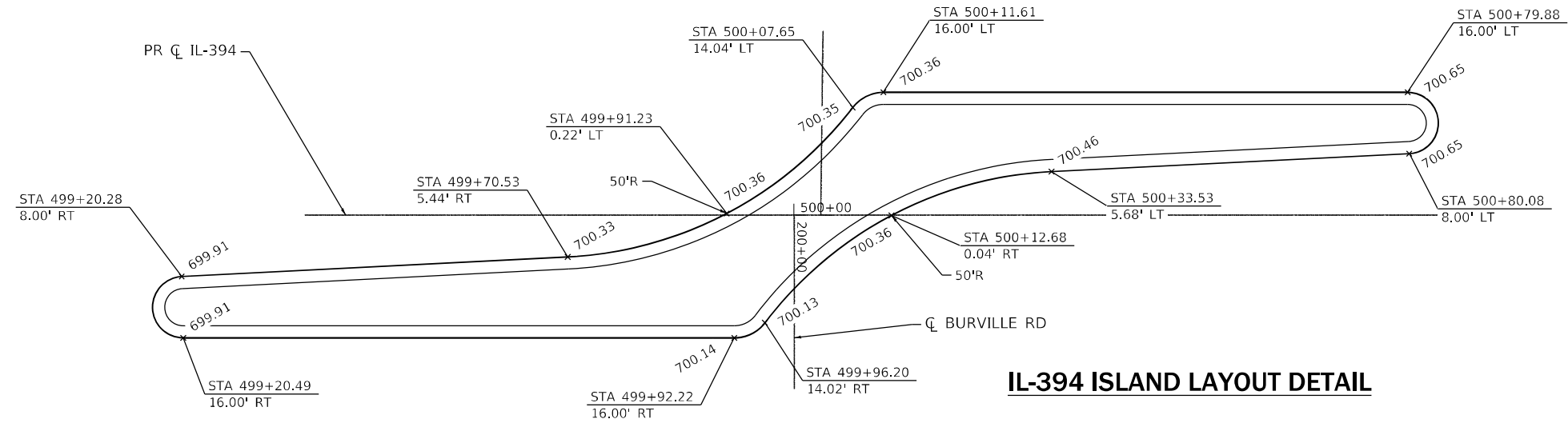
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DRAWN - JK	REVISED -	
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PLOT DATE = 3/27/2023	DATE - 3/17/2023	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

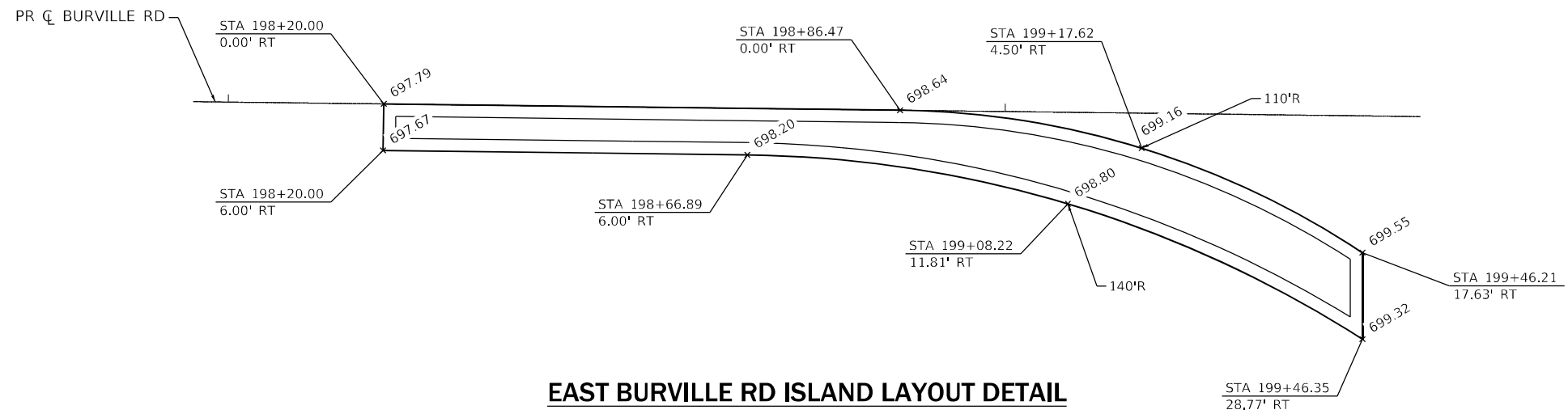
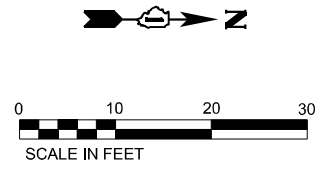
**IL RTE 394 AT BURVILLE RD
INTERSECTION LAYOUT DETAIL**

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

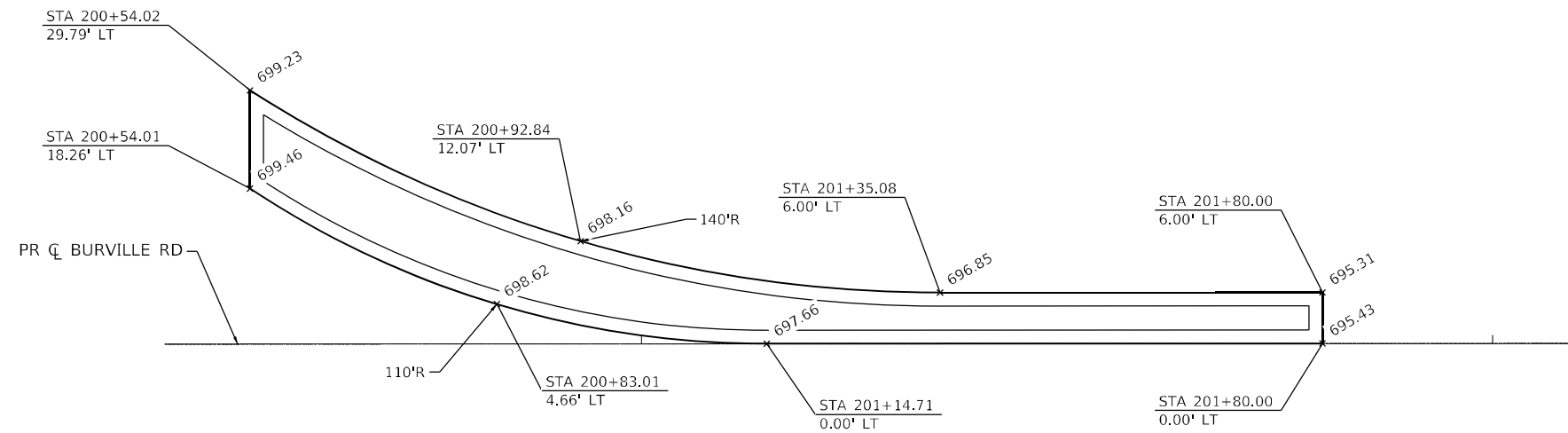
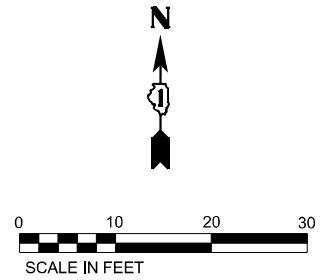
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
332	2021-057-N	WILL	110	65
CONTRACT NO. 62N88				
ILLINOIS FED. AID PROJECT				



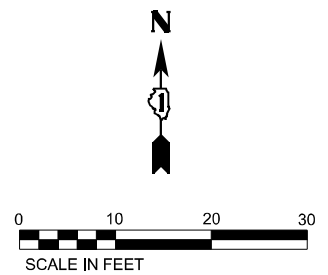
IL-394 ISLAND LAYOUT DETAIL



EAST BURVILLE RD ISLAND LAYOUT DETAIL



WEST BURVILLE RD ISLAND LAYOUT DETAIL



FILE NAME = P144216-shr-det-01102.dgn



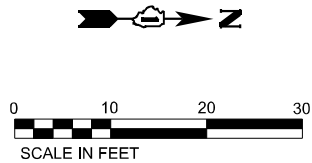
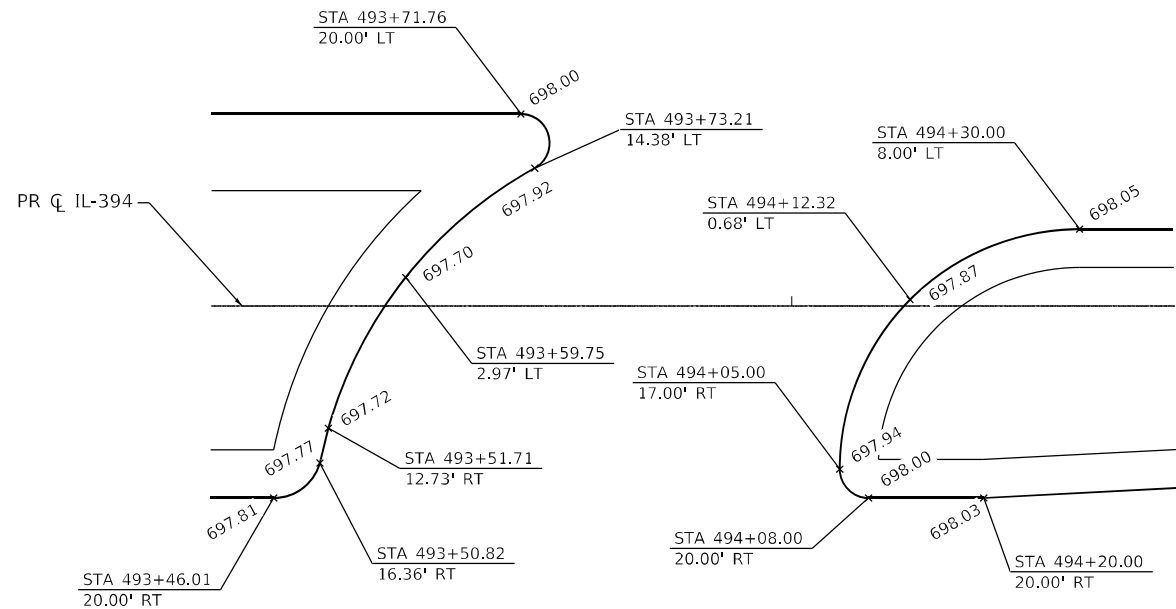
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DRAWN - JK	REVISED -	
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PLOT DATE = 3/27/2023	DATE - 3/17/2023	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

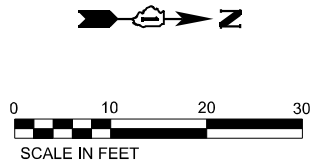
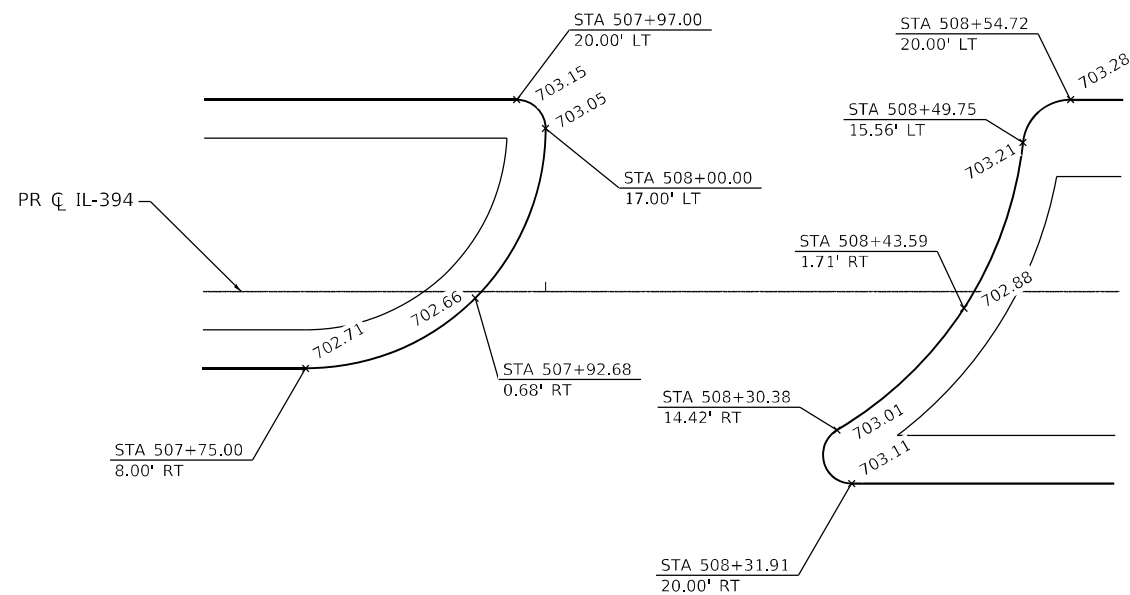
**IL RTE 394 AT BURVILLE RD
ISLAND LAYOUT DETAILS**

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

F.A.P. RTE. 332	SECTION 2021-057-N	COUNTY WILL	TOTAL SHEETS 110	SHEET NO. 66
ILLINOIS FED. AID PROJECT			CONTRACT NO. 62N88	



IL-394 SOUTH U-TURN LAYOUT DETAIL



IL-394 NORTH U-TURN LAYOUT DETAIL

FILE NAME = P:\4216-shr-det\03.dgn



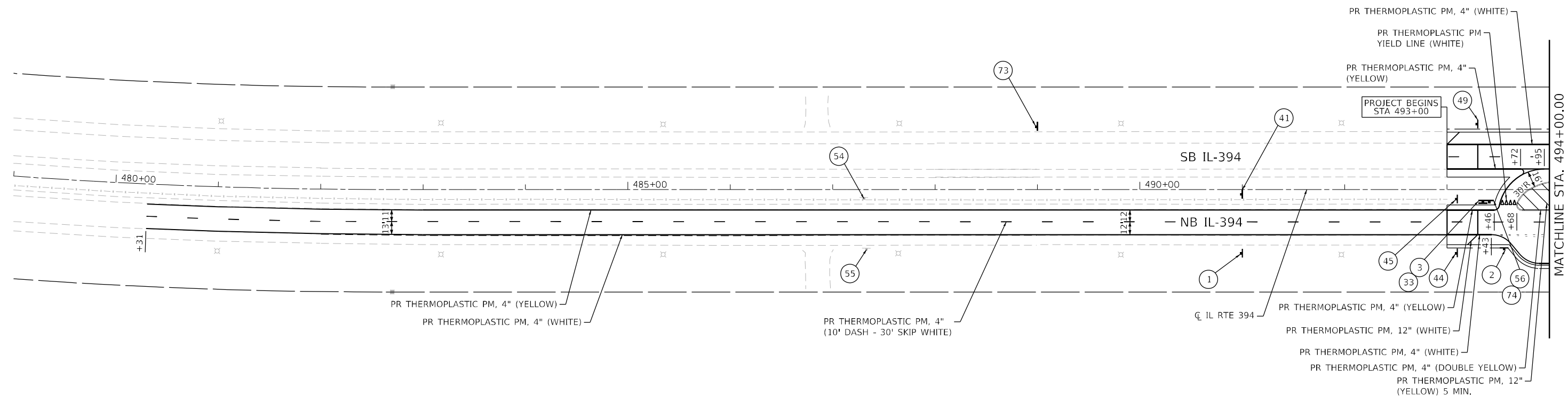
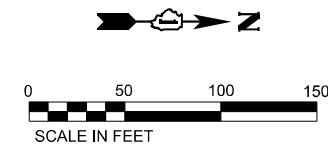
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DRAWN - JK	REVISED -	
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PLOT DATE = 3/27/2023	DATE - 3/17/2023	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**IL RTE 394 AT BURVILLE RD
U-TURN LAYOUT DETAILS**

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

F.A.P. RTE. 332	SECTION 2021-057-N	COUNTY WILL	TOTAL SHEETS 110	SHEET NO. 67
CONTRACT NO. 62N88			ILLINOIS FED. AID PROJECT	



- NOTES:
1. ALL PROPOSED PAVEMENT MARKINGS SHALL BE INSTALLED ACCORDING TO IDOT D1 PM DETAIL TC-13.
 2. ALL THE RAISED REFLECTIVE PAVEMENT MARKERS SHALL BE INSTALLED ACCORDING TO IDOT D1 RRPV DETAIL TC-11.

FILE NAME = P14216-sh1-pmk01.dgn



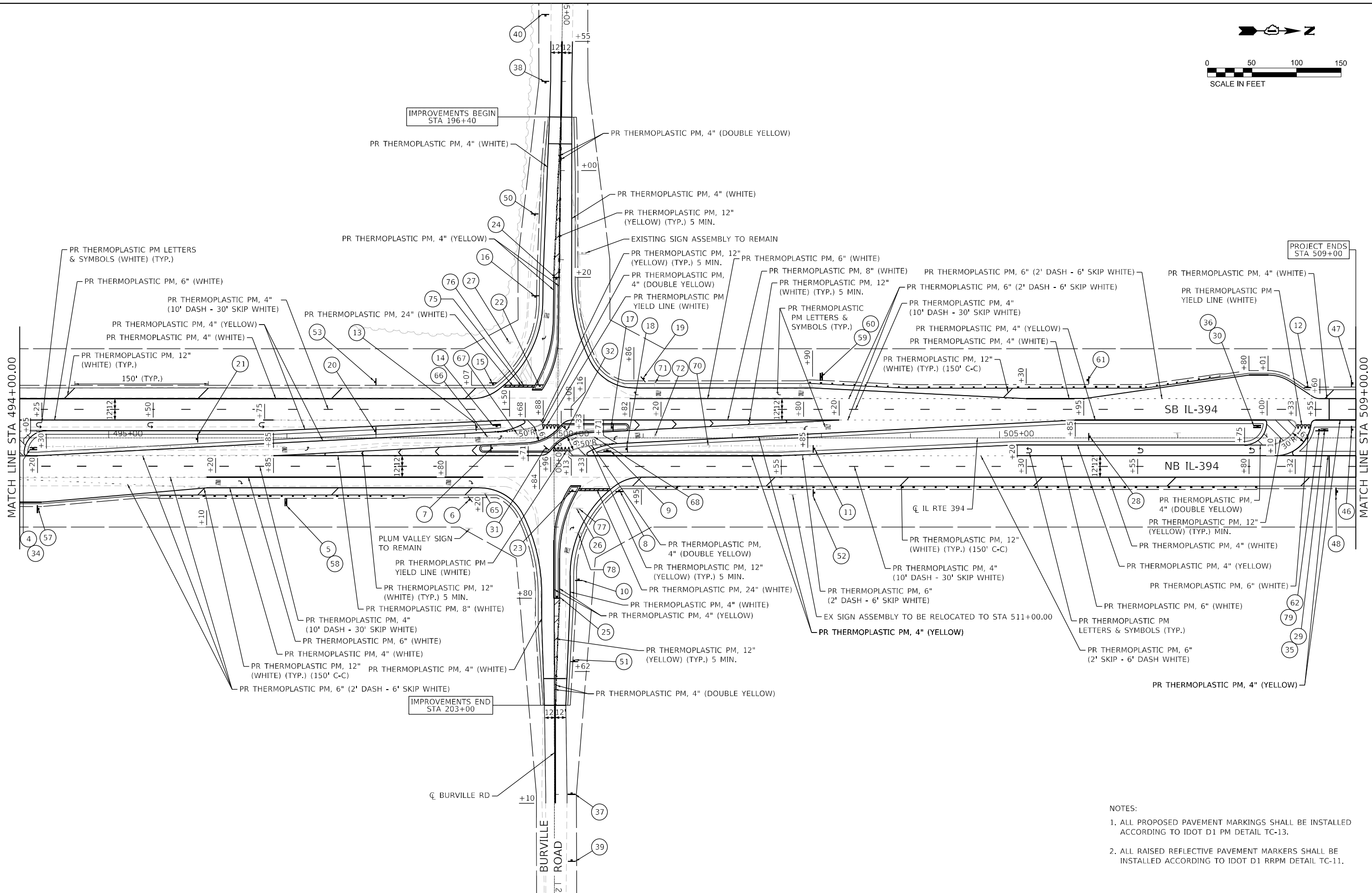
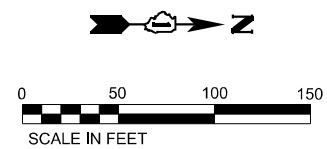
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PLOT DATE = 5/4/2023	DATE - 3/17/2023	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**IL RTE 394 AT BURVILLE RD
PAVEMENT MARKING AND SIGNING PLAN**

SCALE: 1"=50' SHEET 1 OF 6 SHEETS STA. 479+00.00 TO STA. 494+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
332	2021-057-N	WILL	110	68
CONTRACT NO. 62N88			ILLINOIS FED. AID PROJECT	



- NOTES:
1. ALL PROPOSED PAVEMENT MARKINGS SHALL BE INSTALLED ACCORDING TO IDOT D1 PM DETAIL TC-13.
 2. ALL RAISED REFLECTIVE PAVEMENT MARKERS SHALL BE INSTALLED ACCORDING TO IDOT D1 RPPM DETAIL TC-11.

FILE NAME = P14216-sh1-pmk82.dgn



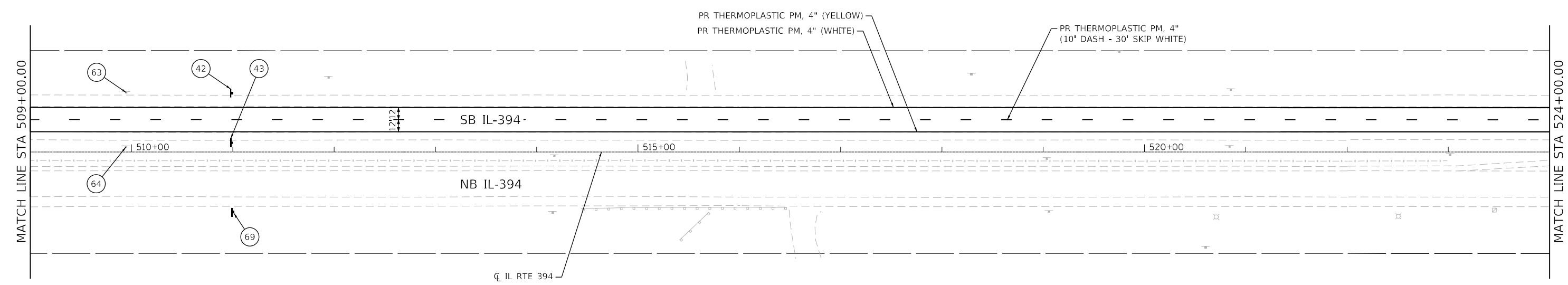
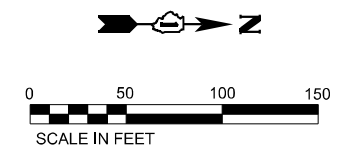
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	DRAWN - JK	REVISED -
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PLOT DATE = 5/4/2023	DATE - 3/17/2023	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**IL RTE 394 AT BURVILLE RD
PAVEMENT MARKING AND SIGNING PLAN**

SCALE: 1"=50' SHEET 2 OF 6 SHEETS STA. 494+00.00 TO STA. 509+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
332	2021-057-N	WILL	110	69
CONTRACT NO. 62N88			ILLINOIS FED. AID PROJECT	



- NOTES:
1. ALL PROPOSED PAVEMENT MARKINGS SHALL BE INSTALLED ACCORDING TO IDOT D1 PM DETAIL TC-13.
 2. ALL THE RAISED REFLECTIVE PAVEMENT MARKERS SHALL BE INSTALLED ACCORDING TO IDOT D1 RRPM DETAIL TC-11.

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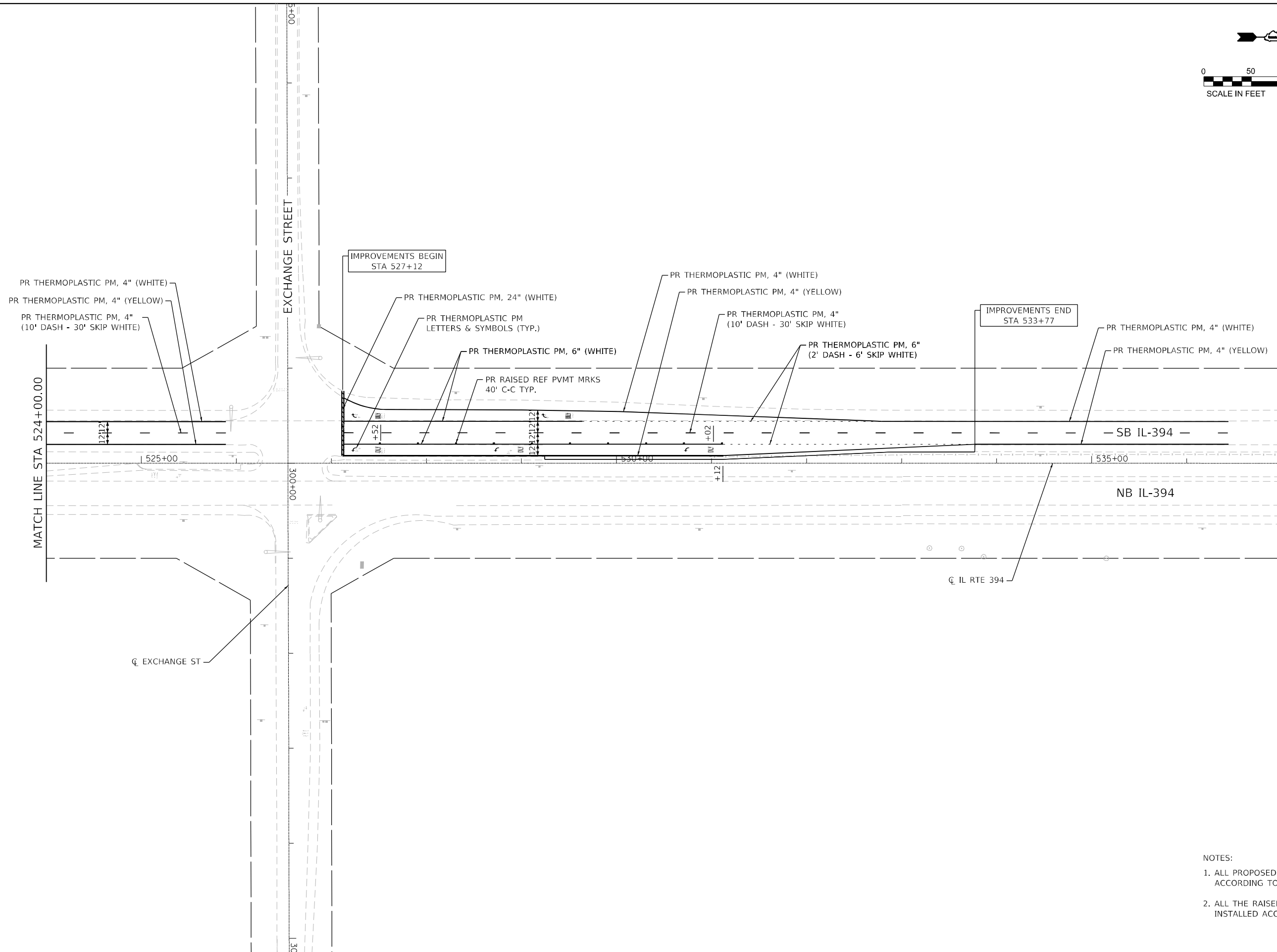
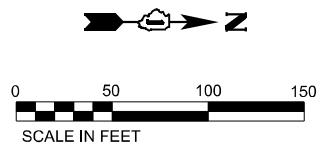


USER NAME = jkehn	DESIGNED - JK	REVISED -
	DRAWN - JK	REVISED -
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PLOT DATE = 5/4/2023	DATE - 3/17/2023	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

IL RTE 394 AT BURVILLE RD PAVEMENT MARKING AND SIGNING PLAN	
SCALE: 1"=50'	SHEET 3 OF 6 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
332	2021-057-N	WILL	110	70
CONTRACT NO. 62N88			ILLINOIS FED. AID PROJECT	



- NOTES:
1. ALL PROPOSED PAVEMENT MARKINGS SHALL BE INSTALLED ACCORDING TO IDOT D1 PM DETAIL TC-13.
 2. ALL THE RAISED REFLECTIVE PAVEMENT MARKERS SHALL BE INSTALLED ACCORDING TO IDOT D1 RRPV DETAIL TC-11.

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
















USER NAME = jkehn	DESIGNED - JK	REVISED -
	DRAWN - JK	REVISED -
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PLOT DATE = 5/4/2023	DATE - 3/17/2023	REVISED -

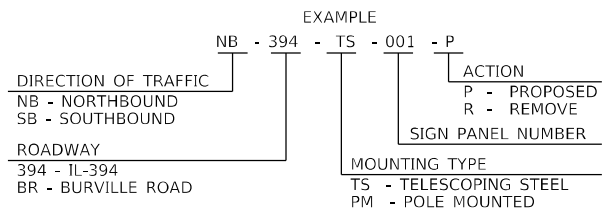
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**IL RTE 394 AT BURVILLE RD
PAVEMENT MARKING AND SIGNING PLAN**

SCALE: 1"=50' SHEET 4 OF 6 SHEETS STA. 524+00.00 TO STA. 537+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
332	2021-057-N	WILL	110	71
CONTRACT NO. 62N88			ILLINOIS FED. AID PROJECT	

 R5-1A 42"x30"			 R6-1 (L) 54"x18"			 R6-1 (R) 54"x18"			 R5-1 36"x36"			 R5-1 36"x36"			 R3-5 (R) 30"x36"			 R4-7 24"x30"			 R3-5 (L) 30"x36"			 36"x36"			 M4-5 30"x12" M3-4 30"x12" D3-1 30"x24" M6-3 30"x30" W16-9P 30"x12"																	
ZZ SHEETING WHITE BACKGROUND			ZZ SHEETING WHITE BACKGROUND			ZZ SHEETING WHITE BACKGROUND			ZZ SHEETING WHITE BACKGROUND			ZZ SHEETING WHITE BACKGROUND			ZZ SHEETING WHITE BACKGROUND			ZZ SHEETING WHITE BACKGROUND			AZ SHEETING FLUORESCENT YELLOW BACKGROUND			AP SHEETING GREEN BACKGROUND			AP SHEETING WHITE BACKGROUND																	
NO.	NAME	STATION	NO.	NAME	STATION	NO.	NAME	STATION	NO.	NAME	STATION	NO.	NAME	STATION	NO.	NAME	STATION	NO.	NAME	STATION	NO.	NAME	STATION	NO.	NAME	STATION	NO.	NAME	STATION	NO.	NAME	STATION	NO.	NAME	STATION									
1	NB-394-TS-001-P	491+00.00	2	NB-394-TS-002-P	493+55.00	9	NB-394-TS-008-P	500+60.00	3	NB-394-TS-003-P	493+40.00	65	NB-394-TS-024-R	499+22.51	10	WB-BR-TS-002-P	201+60.00	24	EB-BR-TS-004-P	198+20.00	13	SB-394-TS-002-P	499+13.00	7	NB-394-TS-007-P	499+30.00	11	NB-394-TS-009-P	502+90.00															
5	NB-394-TS-005-P	497+00.00	12	SB-394-TS-010-P	508+45.00	14	SB-394-TS-003-P	499+35.00	4	NB-394-TS-004-P	494+15.00	66	NB-394-TS-025-R	499+25.03	16	EB-BR-TS-002-P	198+40.00	25	WB-BR-TS-004-P	201+80.00	18	SB-394-TS-005-P	500+80.00	17	SB-394-TS-004-P	500+65.00																		
41	NB-394-TS-014-P	491+00.00	74	NB-394-TS-028-P	493+35.00				6	NB-394-TS-006-P	499+05.00	71	SB-394-TS-027-R	501+14.00	58	NB-394-TS-023-P	497+00.00	67	NB-394-TS-026-R	499+59.50	70	SB-394-TS-026-R	501+73.09																					
42	SB-394-TS-014-P	511+00.00	79	SB-394-TS-029-P	508+65.00				19	SB-394-TS-006-P	501+00.00	72	SB-394-TS-028-R	501+14.00	60	SB-394-TS-021-P	503+00.00	68	SB-394-TS-025-R	500+44.12																								
43	SB-394-TS-015-P	511+00.00							29	SB-394-TS-007-P	508+59.00																																	
59	SB-394-TS-020-P	503+00.00							30	SB-394-TS-009-P	507+90.00																																	
									44	NB-394-TS-015-P	493+10.00																																	
									45	NB-394-TS-016-P	493+10.00																																	
									46	SB-394-TS-016-P	508+95.00																																	
									47	SB-394-TS-017-P	508+95.00																																	
M4-5 30"x12" M3-2 30"x12" D3-1 30"x24" M6-3 30"x30" W16-9P 30"x12"			M4-5 30"x12" M3-2 30"x12" D3-1 30"x24" M6-3 30"x30"			M4-5 30"x12" M3-4 30"x12" D3-1 30"x24" M6-3 30"x30"			 R1-2 48"x48"x48"			 R3-1 36"x36"			 W3-1 36"x36"			 M2-1 30"x21" 11-1103 45"x36"			 M3-1 30"x12" 11-1103 30"x24"			 M3-3 30"x12" 11-1103 30"x24"			 R1-1 36"x36"																	
NO.	NAME	STATION	NO.	NAME	STATION	NO.	NAME	STATION	NO.	NAME	STATION	NO.	NAME	STATION	NO.	NAME	STATION	NO.	NAME	STATION	NO.	NAME	STATION	NO.	NAME	STATION	NO.	NAME	STATION	NO.	NAME	STATION	NO.	NAME	STATION	NO.	NAME	STATION						
20	SB-394-TS-007-P	498+00.00	21	SB-394-TS-008-P	496+00.00	28	NB-394-TS-010-P	506+00.00	31	SB-394-TS-011-P	499+90.00	33	NB-394-TS-012-P	493+40.00	37	WB-BR-TS-006-P	204+00.00	39	WB-BR-TS-007-P	204+75.00	48	NB-394-TS-017-P	508+78.00	49	SB-394-TS-018-P	493+30.00	8	WB-BR-TS-001-P	200+60.00															
									32	NB-394-TS-011-P	500+12.00	34	NB-394-TS-013-P	494+15.00	38	EB-BR-TS-006-P	196+00.00	40	EB-BR-TS-007-P	195+25.00																								
									56	NB-394-TS-021-P	493+35.00	35	SB-394-TS-012-P	508+59.00																														
									62	SB-394-TS-023-P	508+65.00	36	SB-394-TS-013-P	507+90.00																														



SIGN SEQUENCE NUMBERING CODE

FILE NAME = P14216-sh1-pmk05.dgn

M4-5 30"x12"
M3-3 30"x12"
11-1103 30"x24"
M6-1 21"x15"

TO	TO	NORTH
Burville Road	394	394

M3-1 30"x12"
11-1103 30"x24"
M6-1 21"x15"

AP SHEETING GREEN BACKGROUND AP SHEETING WHITE BACKGROUND AP SHEETING WHITE BACKGROUND

M4-5 30"x12"
M3-4 30"x12"
D3-1 30"x24"
M6-1 21"x15"

TO	TO	SOUTH
Burville Road	394	394

M3-3 30"x12"
11-1103 30"x24"
M6-1 21"x15"

AP SHEETING GREEN BACKGROUND AP SHEETING WHITE BACKGROUND AP SHEETING WHITE BACKGROUND

NORTH 394

AP SHEETING WHITE BACKGROUND

SOUTH 394

AP SHEETING WHITE BACKGROUND

TO REMAIN W2-1 48"x48"

REMOVE W16-8P 30"x8"

AZ SHEETING FLUORESCENT YELLOW BACKGROUND

Burville Rd D3-1 36"x18"

AP SHEETING GREEN BACKGROUND

SPEED LIMIT 55 R2-1 48"x60"

AP SHEETING WHITE BACKGROUND

CROSS TRAFFIC DOES NOT STOP W4-4P 24"x12"

AZ SHEETING FLUORESCENT YELLOW BACKGROUND

ONEWAY STOP DIVIDED HIGHWAY

R6-1 (R) 36"x12"
R1-1 36"x36"
R6-3A 30"x24"

NO.	NAME	STATION	NO.	NAME	STATION	NO.	NAME	STATION	NO.	NAME	STATION	NO.	NAME	STATION	NO.	NAME	STATION	NO.	NAME	STATION									
52	NB-394-TS-018-P	502+90.00	53	SB-394-TS-019-P	498+00.00	54	NB-394-TS-019-R	487+30.50	57	NB-394-TS-022-P	494+20.00	69	NB-394-TS-027-RE	511+00.00	75	EB-BR-TS-009-R	199+42.22	76	WB-BR-TS-005-R	200+80.00	77	WB-BR-TS-011-R	200+80.00	78	EB-BR-TS-010-R	199+41.27			
51	WB-BR-TS-008-P	202+50.00	50	EB-BR-TS-008-P	197+50.00																								

M3-3 30"x12"
11-1103 30"x24"
M5-1 30"x21"

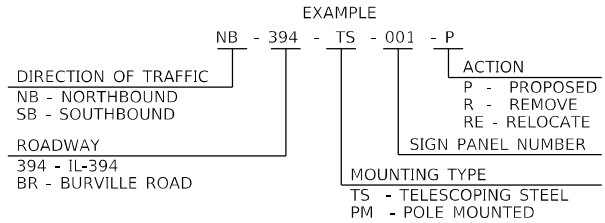
SOUTH	NORTH
394	394

AP SHEETING WHITE BACKGROUND

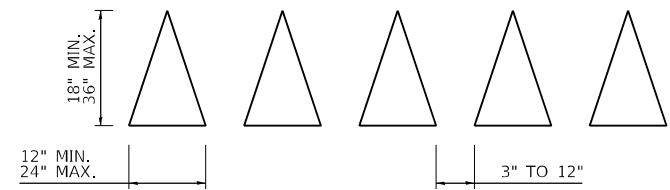
SPEED LIMIT 55 R2-1 36"x48"

AP SHEETING WHITE BACKGROUND

NO.	NAME	STATION	NO.	NAME	STATION
78	WB-BR-TS-012-R	201+07.59	73	NB-394-TS-029-P	489+00.00



SIGN SEQUENCE NUMBERING CODE



YIELD LINE PAVEMENT MARKING DETAIL

FILE NAME = P14216-sh1t-pmk06.dgn

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		DRAWN - JK	REVISED -
	PLOT SCALE = 100.0000' / in.	CHECKED - ST	REVISED -
	PLOT DATE = 5/4/2023	DATE - 3/17/2023	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

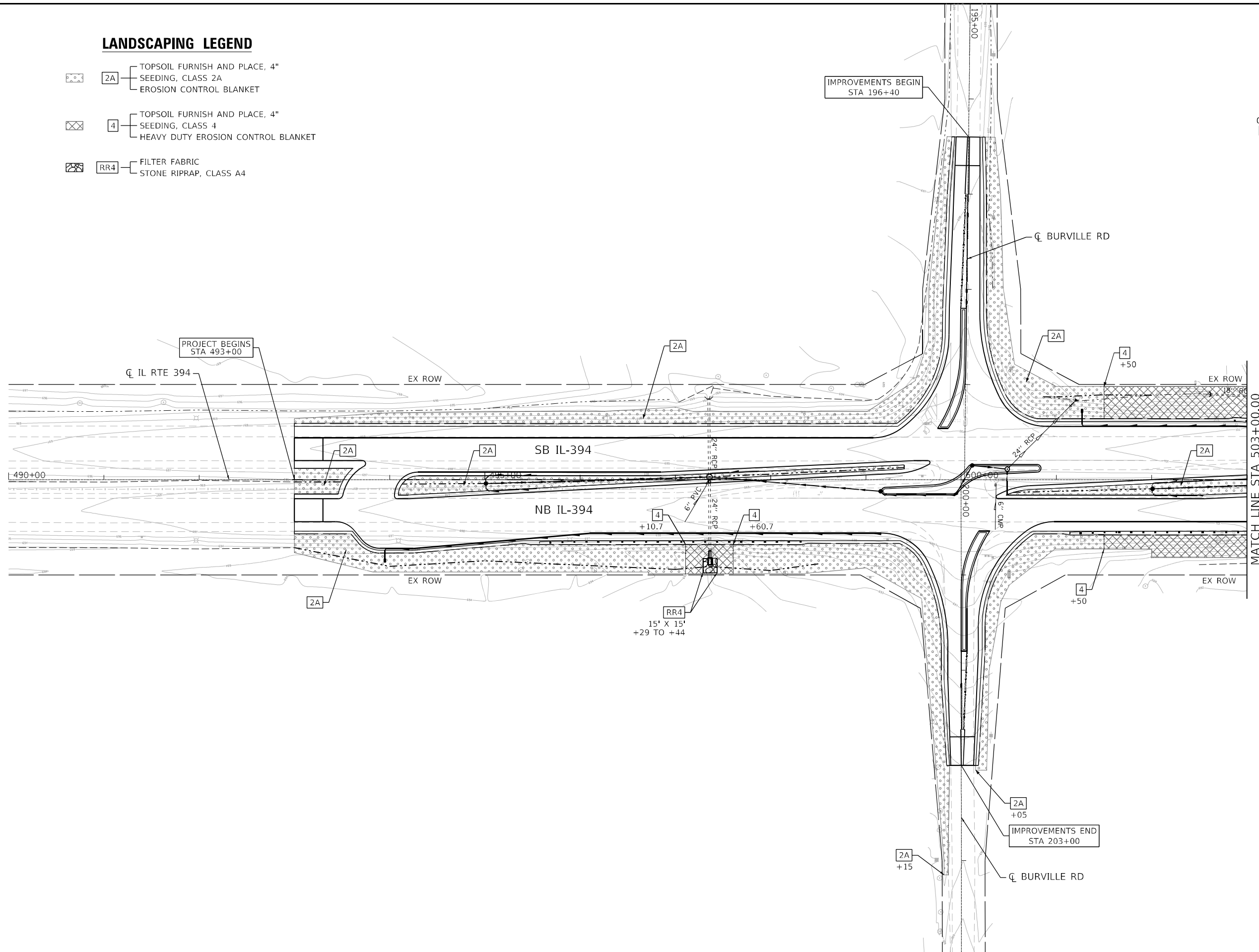
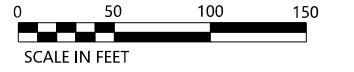
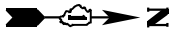
IL RTE 394 AT BURVILLE RD
PAVEMENT MARKING AND SIGNING PLAN

SCALE: 1"=50' SHEET 6 OF 6 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
332	2021-057-N	WILL	110	73
CONTRACT NO. 62N88				
ILLINOIS FED. AID PROJECT				

LANDSCAPING LEGEND

-
-
-



FILE NAME = P:\4216-sh1-landscape-01.dgn



USER NAME = sean.martin	DESIGNED - AH	REVISED -
DRAWN - AH	REVISED -	
PLOT SCALE = 100.0000' / in.	CHECKED - WS	REVISED -
PLOT DATE = 3/15/2023	DATE - 3/17/2023	REVISED -


**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**


**IL RTE 394 AT BURVILLE RD
LANDSCAPING PLAN**


SCALE: 1"=50' SHEET 1 OF 3 SHEETS STA. 490+00.00 TO STA. 503+00.00

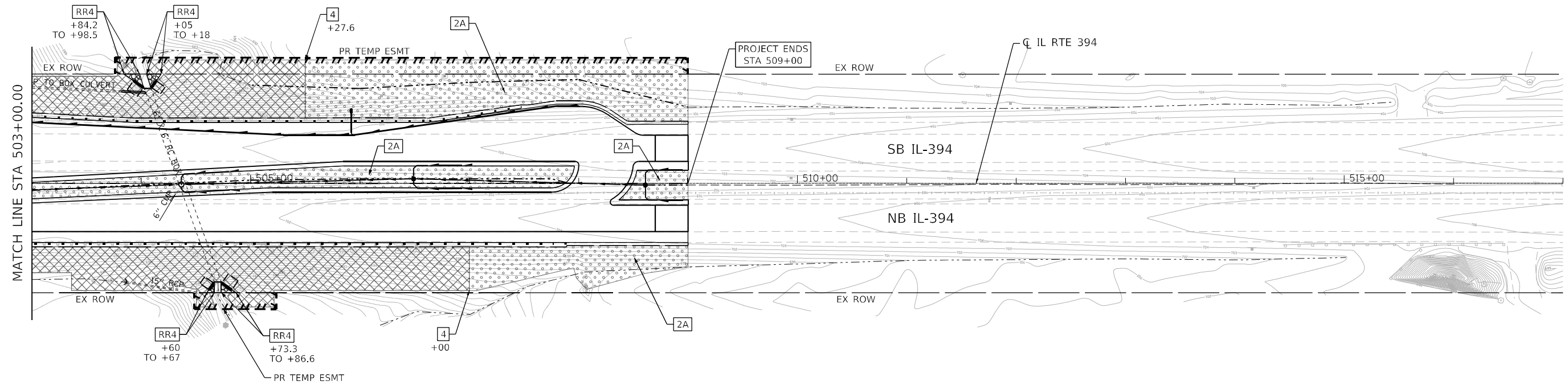
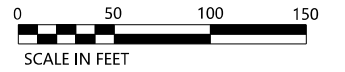
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
332	2021-057-N	WILL	110	74
			CONTRACT NO. 62N88	
ILLINOIS FED. AID PROJECT				

LANDSCAPING LEGEND

- 
2A
 - TOPSOIL FURNISH AND PLACE, 4"
 - SEEDING, CLASS 2A
 - EROSION CONTROL BLANKET

- 
4
 - TOPSOIL FURNISH AND PLACE, 4"
 - SEEDING, CLASS 4
 - HEAVY DUTY EROSION CONTROL BLANKET

- 
RR4
 - FILTER FABRIC
 - STONE RIPRAP, CLASS A4



FILE NAME = P:\4216-sh1-landscape-02.dgn



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PLOT SCALE = 100.0000' / in.	DRAWN - AH	REVISED -
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

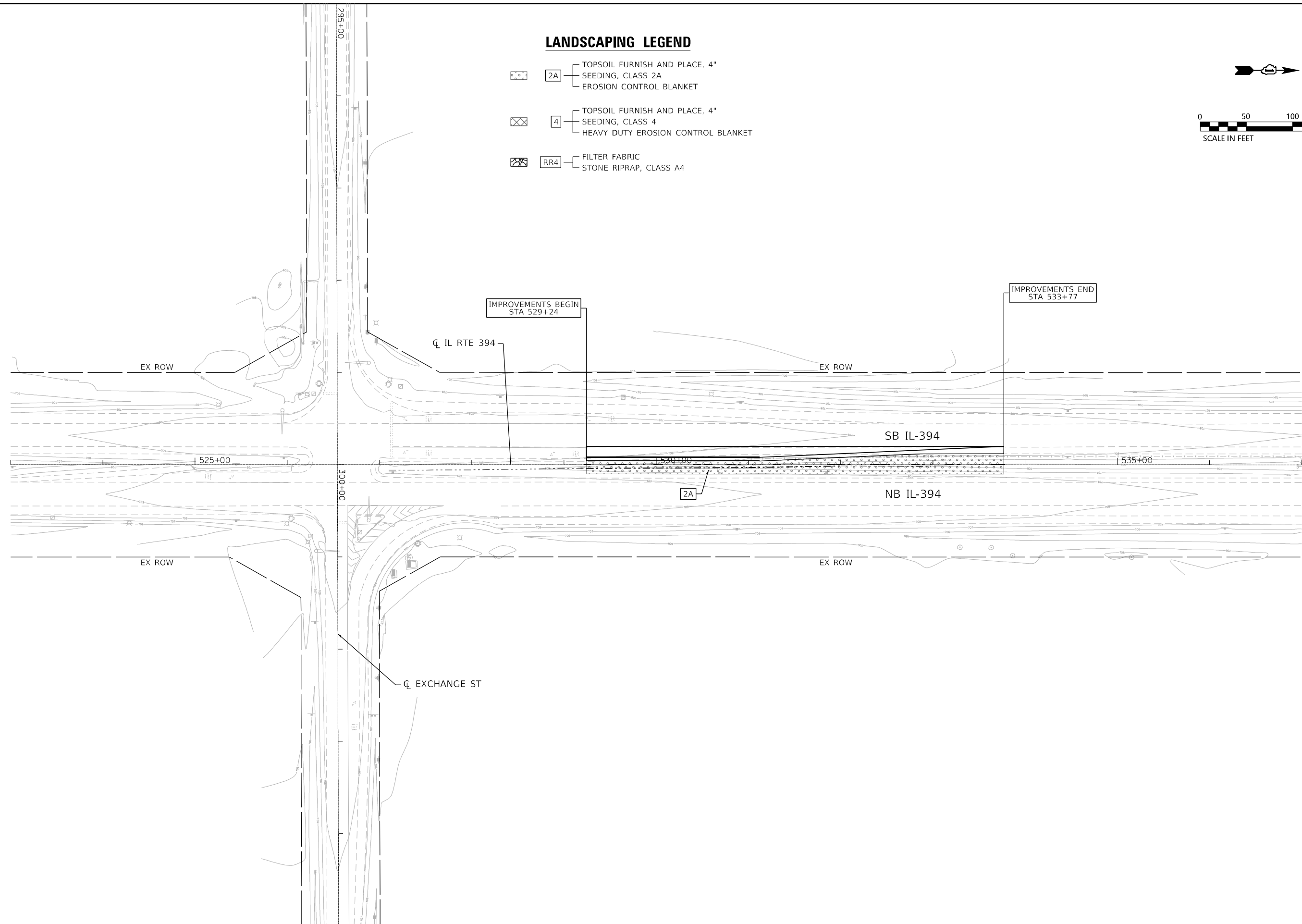
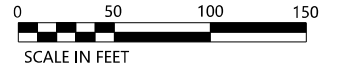
**IL RTE 394 AT BURVILLE RD
LANDSCAPING PLAN**

SCALE: 1"=50' SHEET 2 OF 3 SHEETS STA. 503+00.00 TO STA. 517+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
332	2021-057-N	WILL	110	75
CONTRACT NO. 62N88			ILLINOIS FED. AID PROJECT	

LANDSCAPING LEGEND

-
-
-



FILE NAME = P144216-sh1-landscape-03.dgn



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PLOT DATE = 3/15/2023	DATE - 3/17/2023	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**IL RTE 394 AT BURVILLE RD
LANDSCAPING PLAN**

SCALE: 1"=50' SHEET 3 OF 3 SHEETS STA. 523+00.00 TO STA. 537+00.00

F.A.P. RTE. 332	SECTION 2021-057-N	COUNTY WILL	TOTAL SHEETS 110	SHEET NO. 76
			CONTRACT NO. 62N88	
ILLINOIS FED. AID PROJECT				





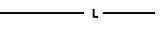

GENERAL NOTES:

- ALL LIGHTING AND ELECTRICAL WORK SHALL CONFORM TO THE LATEST VERSION OF IDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, THE NEC AND LOCAL CODES.
- THE CONTRACTOR SHALL VERIFY ALL EXISTING FIELD CONDITIONS RELATED TO THE EXISTING LIGHTING SYSTEM PRIOR TO COMMENCEMENT OF WORK. ANY DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER FOR RESOLUTION.
- INSTALLATION OF ALL LIGHTING SYSTEM COMPONENTS FOR A COMPLETE SYSTEM SHALL BE PERFORMED UNDER THE LISTED PAY ITEMS, NO SEPARATE PAYMENT WILL BE MADE FOR INCIDENTAL ITEMS REQUIRED.
- ALL LUMINAIRES SHALL BE LED TYPE III DISTRIBUTION WITH 27,200 MINIMUM INITIAL LUMENS, 190 WATTS MAXIMUM INPUT POWER, 70 MINIMUM CRI, AND SHALL MEET IDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION AND JOB SPECIAL PROVISIONS.
- ALL NEW LUMINAIRES FOR THE PROPOSED LIGHTING SHALL BE INSTALLED AT A MOUNTING HEIGHT OF 47'-6"
- ALL LUMINAIRE SHALL BE ORIENTED WITH THE OPTICS PERPENDICULAR TO THE ROADWAY UNLESS OTHERWISE INDICATED OR DIRECTED BY THE ENGINEER.
- ALL PROPOSED LIGHT POLES SHALL HAVE MINIMUM SETBACK OF 21 FEET OFF THE EDGE OF TRAVELED PAVEMENT.
- SOME PERMANENT WIRING IS REQUIRED PRIOR TO THE IMPLEMENTATION OF TEMPORARY LIGHTING AS SHOWN ON THE PLANS.
- GROUND RODS SHALL BE INSTALLED AND BONDED AND SHALL MEET IDOT SPECIFICATIONS, NEC AND LOCAL CODES. SEPARATE PAYMENT WILL NOT BE MADE FOR GROUND RODS.
- LIGHT POLES SHALL BE LOCATED A MINIMUM OF 30 FEET AWAY FROM HIGH VOLTAGE LINES.
- LIGHT POLES SHALL INCLUDE FUSES IN POLE BASES AS SHOWN IN STANDARD DRAWING BE-702
- ALL UNUSED CONDUCTORS SHALL BE LEFT DISCONNECTED ON BOTH ENDS AND ENDS WATERPROOFED

ABBREVIATIONS

A	AMP
AC	ALTERNATING CURRENT
C	CONDUCTOR
CKT	CIRCUIT
CRI	COLOR RENDERING INDEX
DIA.	DIAMETER
LED	LIGHT EMITTING DIODE
KVA	KILOVOLT-AMPERE
LT.	LEFT
M.H.	MOUNTING HEIGHT
NEC	NATIONAL ELECTRICAL CODE
PVC	POLY VINYL CHLORIDE
RT.	RIGHT
STA.	STATION
TEMP	TEMPORARY

LEGEND

	PROPOSED LIGHT POLE, 47.5' MOUNTING HEIGHT, 15' MAST ARM, 190 WATT LED LUMINAIRE, TYPE III
	EXISTING LIGHTING UNIT TO REMAIN IN PLACE, REPLACE LUMINAIRE WITH 190 WATT LED LUMINAIRE, TYPE III
	EXISTING LIGHTING UNIT TO BE REMOVED
	EXISTING LIGHTING CABLE/DUCT
	PROPOSED LIGHTING CABLE/DUCT
	PROPOSED PUSHED GALVANIZED STEEL CONDUIT WITH UNIT DUCT

UNIT DUCT SCHEDULE

SIZE	TEMPORARY LIGHTING	PROPOSED LIGHTING	TOTAL ESTIMATED QUANTITY
UNIT DUCT, 600V, 3-1C NO.2, 1/C NO.4 GROUND, (XLP-TYPE USE), 1 1/2" DIA. POLYETHYLENE	250	1760	2010

SUMMARY OF QUANTITIES

DESCRIPTION	UNIT	ESTIMATED QUANTITY
UNDERGROUND CONDUIT, GALVANIZED STEEL, 3" DIA.	FOOT	220
UNIT DUCT, 600V, 3-1C NO.2, 1/C NO.4 GROUND, (XLP-TYPE USE), 1 1/2" DIA. POLYETHYLENE	FOOT	2010
LUMINAIRE, LED, ROADWAY, OUTPUT DESIGNATION H	EACH	58
LIGHT POLE, ALUMINUM, 47.5 FT. M.H., 15 FT. MAST ARM	EACH	14
LIGHT POLE FOUNDATION, METAL, 15" BOLT CIRCLE, 8 5/8" X 8'	EACH	14
REMOVAL OF LIGHTING UNIT, SALVAGE	EACH	10
REMOVAL OF POLE FOUNDATION	EACH	10
REMOVAL OF LIGHTING LUMINAIRE, SALVAGE	EACH	44
REMOVAL OF TEMPORARY LIGHTING UNIT	EACH	16
TEMPORARY LUMINAIRE, LED, ROADWAY, OUTPUT DESIGNATION H	EACH	14
LIGHT POLE, WOOD, 60 FOOT, CLASS 4, WITH 15FT MAST ARM	EACH	14
AERIAL CABLE, 3-1/C NO. 2 WITH MESSENGER WIRE	FOOT	2200
LIGHT POLE, WOOD, 60 FOOT, CLASS 4	EACH	2
MAINTENANCE OF LIGHTING SYSTEM	CAL MO	5

FILE NAME = P144216-sh1-QUANTITIES_NOTES.dgn



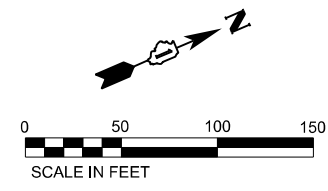
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

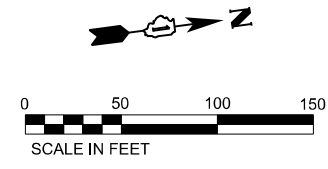
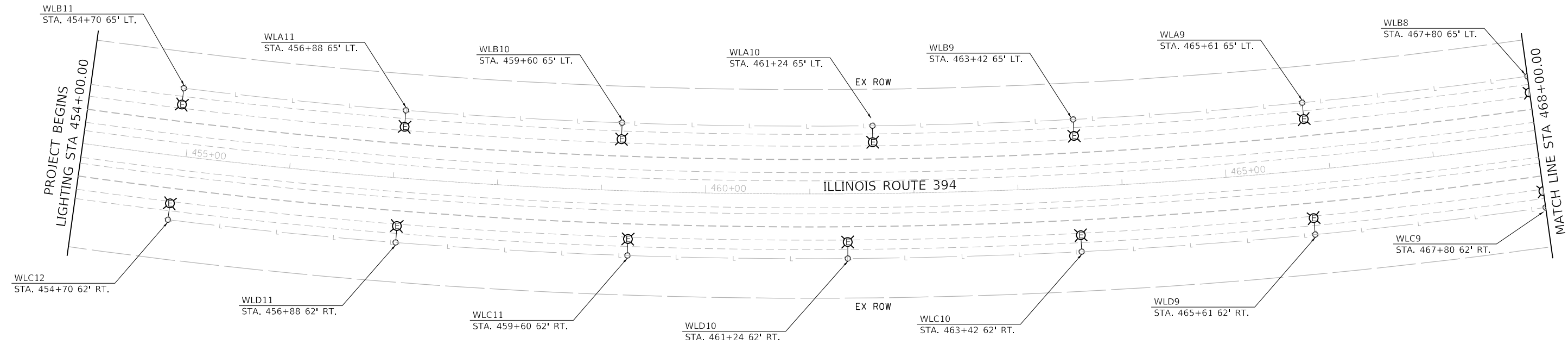
**IL RTE 394 AT BURVILLE RD
QUANTITIES AND NOTES**

SCALE: 1"=50' SHEET 1 OF 5 SHEETS STA. 454+00 TO STA. 510+00

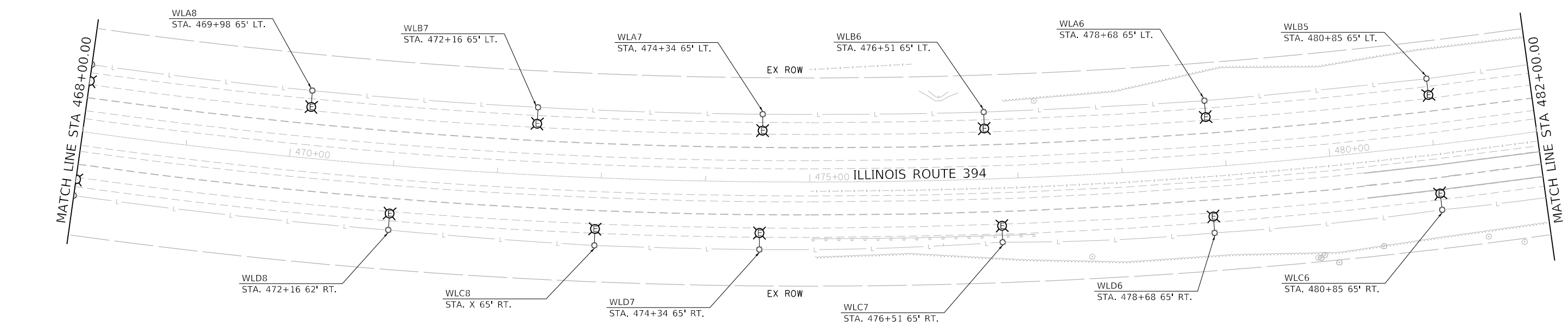
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
332	2021-057-N	WILL	110	77
CONTRACT NO. 62N88				
ILLINOIS FED. AID PROJECT				



ALL POLES AND WIRING ON BOTH SIDES OF IL394 REMAIN IN PLACE



ALL POLES AND WIRING ON BOTH SIDES OF IL394 REMAIN IN PLACE



FILE NAME = P144216-shr-Lighting.dgn



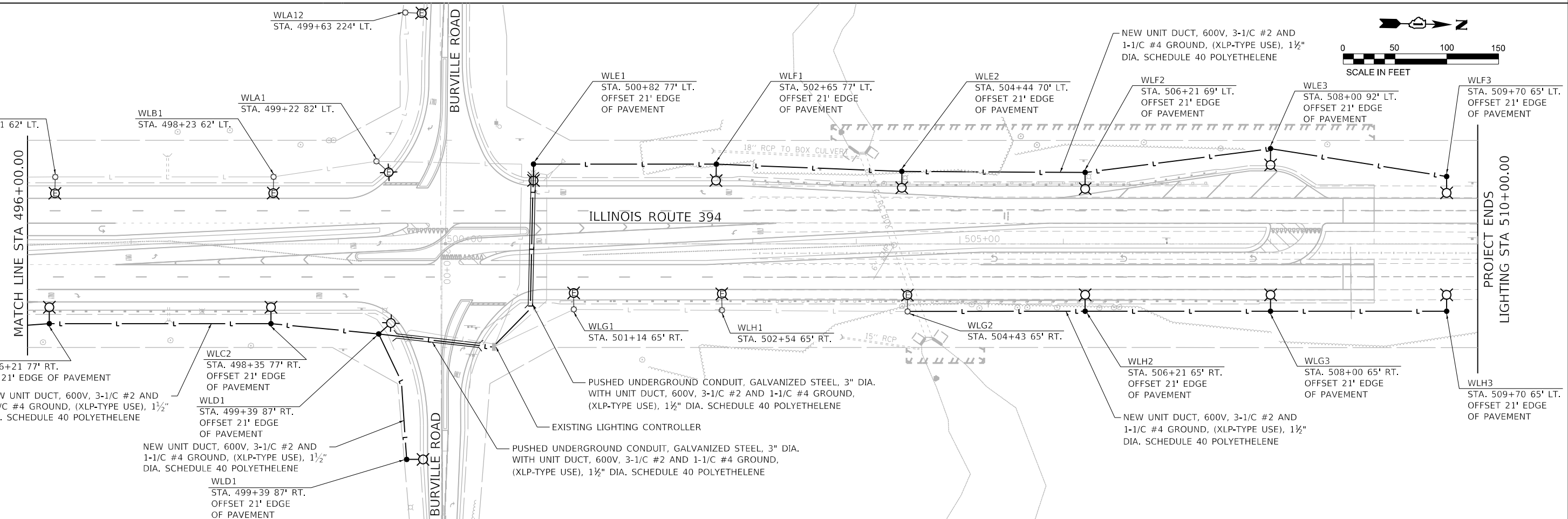
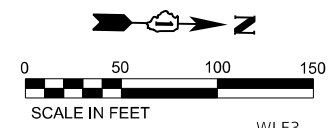
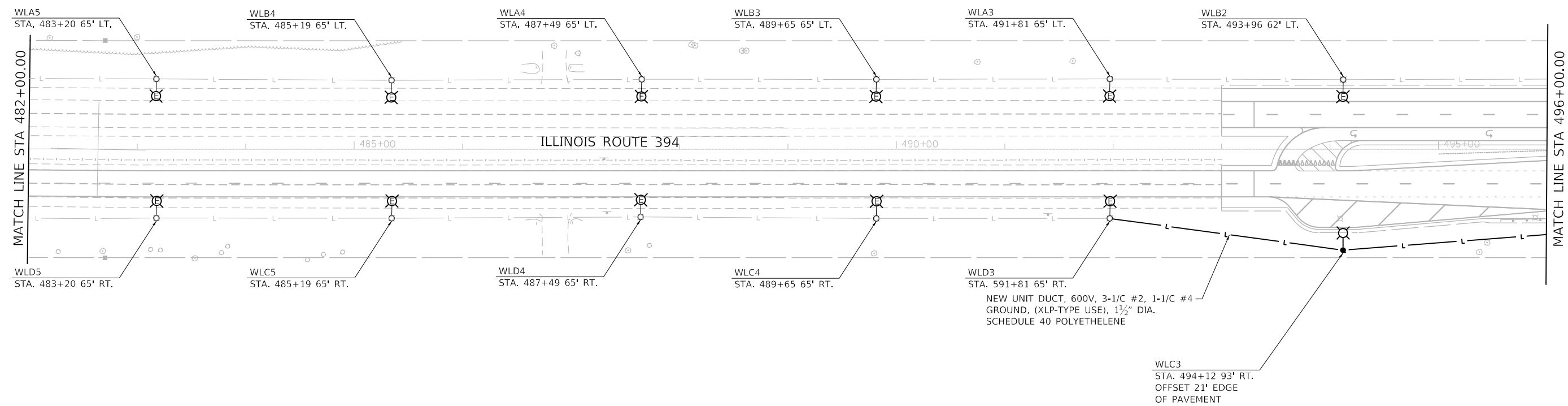
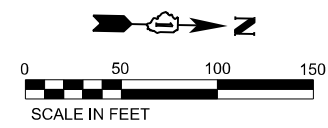
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	DATE - 3/17/2023	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**IL RTE 394 AT BURVILLE RD
PROPOSED LIGHTING PLAN**

SCALE: 1"=50' SHEET 2 OF 5 SHEETS STA. 454+00 TO STA. 482+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
332	2021-057-N	WILL	110	78
CONTRACT NO. 62N88				
ILLINOIS FED. AID PROJECT				



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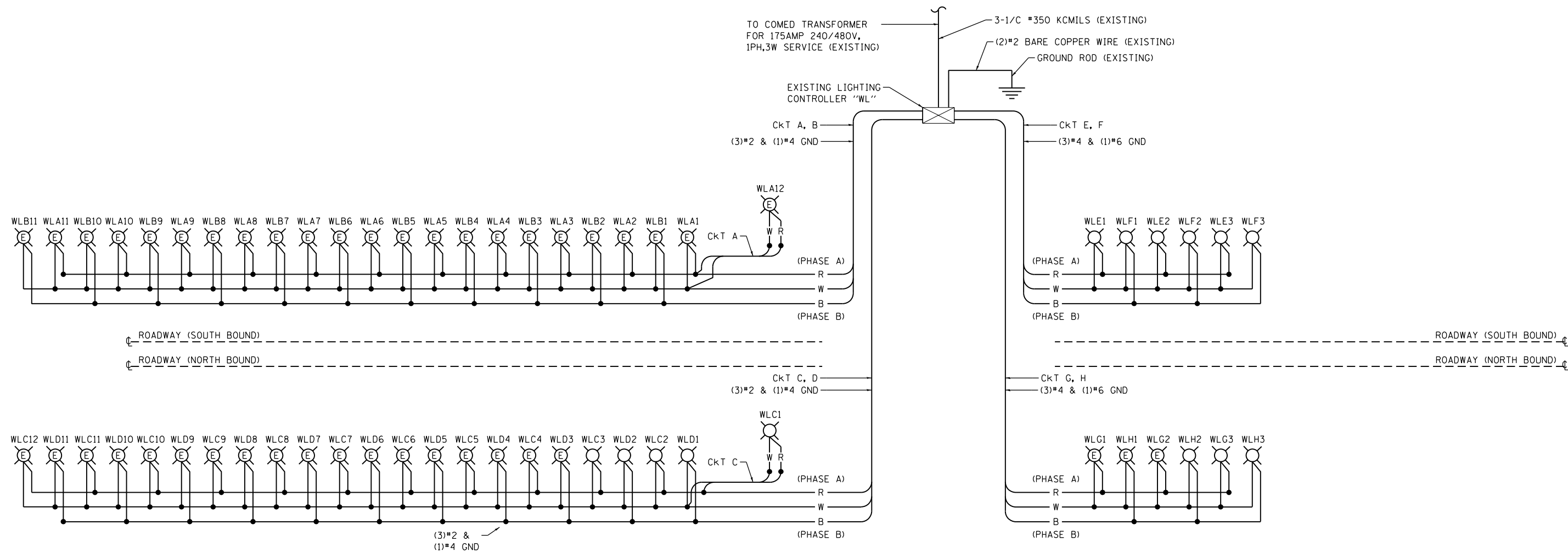
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	DATE - 3/17/2023	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**IL RTE 394 AT BURVILLE RD
PROPOSED LIGHTING PLAN**

SCALE: 1"=50' SHEET 3 OF 5 SHEETS STA. 482+00 TO STA. 510+00

F.A.P. RTE. 332	SECTION 2021-057-N	COUNTY WILL	TOTAL SHEETS 110	SHEET NO. 79
CONTRACT NO. 62N88				
ILLINOIS FED. AID PROJECT				



LOAD TABULATION FOR LIGHTING CONTROLLER "WL" BURVILLE

CIRCUIT	DESCRIPTION	PHASE A (RED) AMPS	PHASE B (BLACK) AMPS	BREAKER SIZE AMPS
A	(12) NEW FIXTURES @ 0.77A	9.24		70A, 1 POLE
B	(11) NEW FIXTURES @ 0.77A		8.47	70A, 1 POLE
C	(12) NEW FIXTURES @ 0.77A	9.24		70A, 1 POLE
D	(11) NEW FIXTURES @ 0.77A		8.47	70A, 1 POLE
E	(3) NEW FIXTURES @ 0.77A	2.31		70A, 1 POLE
F	(3) NEW FIXTURES @ 0.77A		2.31	70A, 1 POLE
G	(3) NEW FIXTURES @ 0.77A	2.31		70A, 1 POLE
H	(3) NEW FIXTURES @ 0.77A		2.31	70A, 1 POLE
TOTAL CONNECTED LOAD @ 240V, 1 PHASE		23.1	21.6	
TOTAL CONNECTED LOAD @ 240V, 1 PHASE		5.5 KVA	5.2 KVA	
TOTAL CONNECTED LOAD @ 480V, 1 PHASE		22.3		

NOTE: AMPERAGE SHOWN FOR PROPOSED 190 WATT LUMINAIRES.

LEGEND

- PROPOSED NEW LUMINAIRE
- EXISTING WITH NEW LED LUMINAIRE
- EXISTING LIGHTING CONTROLLER, SINGLE TYPE
- B BLACK PHASE CONDUCTOR
- W WHITE NEUTRAL CONDUCTOR
- R RED PHASE CONDUCTOR
- G GREEN GROUND CONDUCTOR

NOTE

1. SEE LIGHTING PLANS FOR STATIONS.

FILE NAME = P144216-sh1t-Line Diagram.dgn



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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

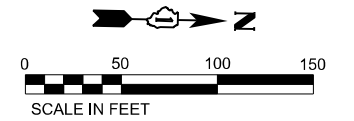
**IL RTE 394 AT BURVILLE RD
LIGHTING CONTROLLER AT BURVILLE ROAD - ONE-LINE DIAGRAM**

SCALE: 1"=50' SHEET 4 OF 5 SHEETS STA. 454+00 TO STA. 510+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
332	2021-057-N	WILL	110	80
CONTRACT NO. 62N88				
ILLINOIS FED. AID PROJECT				

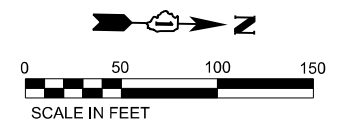
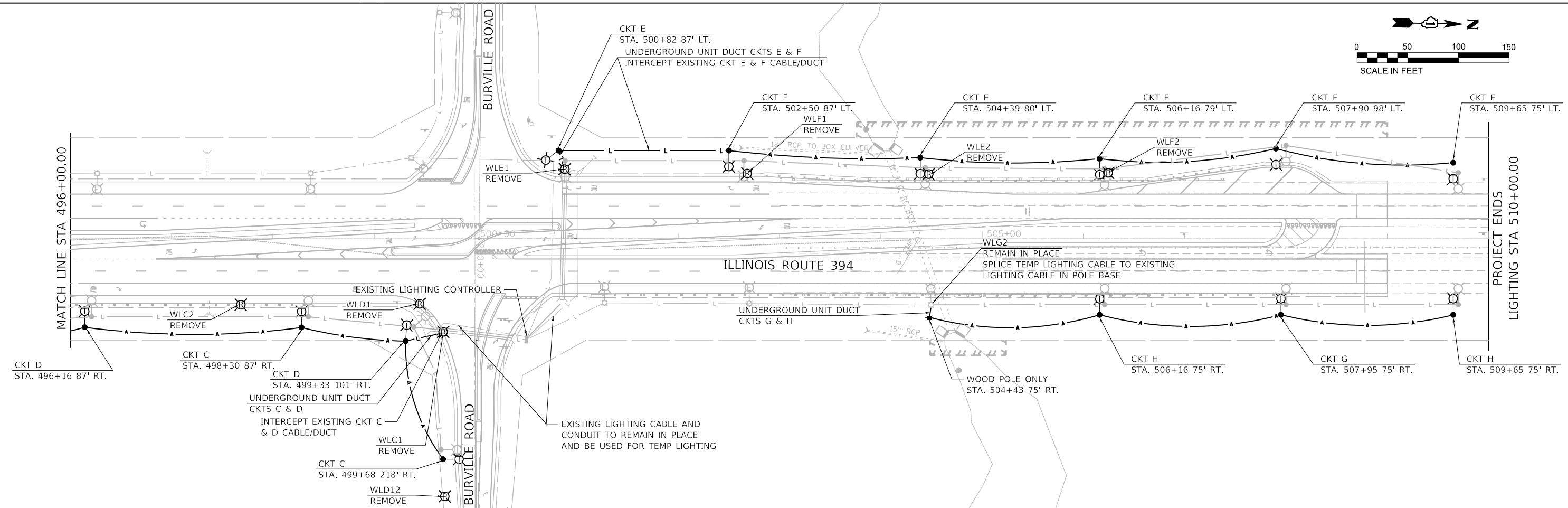
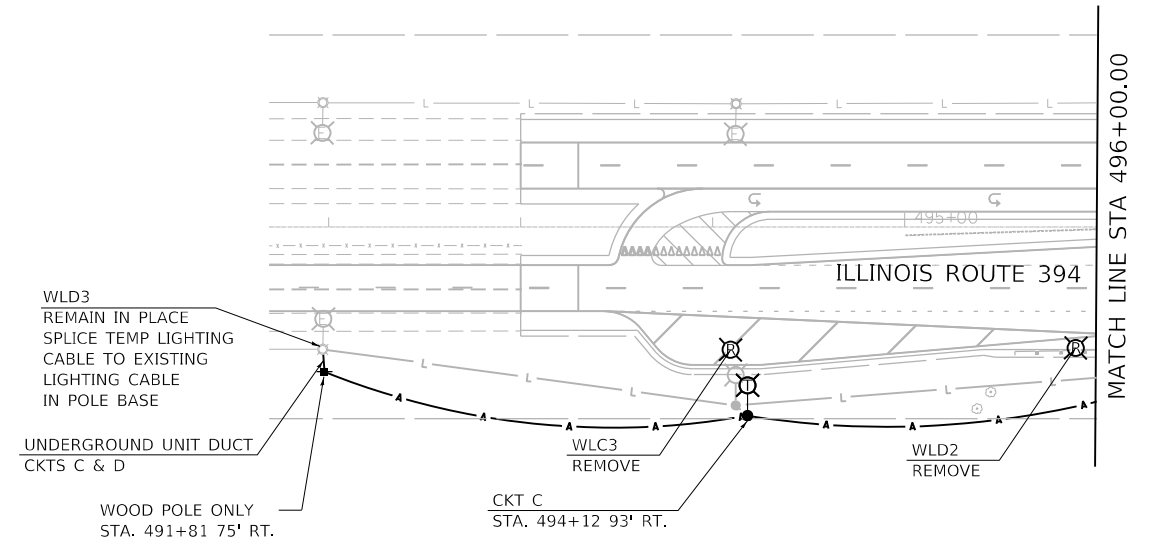
TEMP LIGHTING NOTES

1. ALL TEMPORARY LIGHTING ARE POWERED FROM EXISTING LIGHTING CONTROLLER.
2. SPLICE TEMPORARY LIGHTING CONNECTIONS TO EXISTING CIRCUIT CABLES AND USE EXISTING CIRCUITS TO POWER TEMPORARY LUMINAIRES AS SHOWN. CABLE INTERCEPT LOCATIONS FROM TEMP LIGHTING TO EXISTING CABLE ARE APPROXIMATE, EXACT LOCATIONS SHALL BE DETERMINED IN THE FIELD AND APPROVED BY THE ENGINEER.
3. CHANGEOVER FROM EXISTING LIGHTING TO TEMPORARY LIGHTING SHALL OCCUR AFTER ALL TEMPORARY LIGHTING IS INSTALLED AND DURING THE DAYTIME SO THAT THERE IS NO INTERRUPTION OF LIGHTING.
4. POLES SHOWN FOR REMOVAL SHALL ONLY BE DEACTIVATED AND REMOVED AFTER THE TEMPORARY LIGHTING IS INSTALLED AND FULLY OPERATIONAL.
5. ALL AERIAL CABLE IS 3-1/CZ #2 WITH MESSENGER WIRE.
6. ALL CONNECTIONS BETWEEN EXISTING CIRCUITS AND TEMPORARY POLES ARE 3-1/CZ #2, 1/CZ #4 GROUND IN 1 1/2" UNIT DUCT.
7. CHANGEOVER FROM TEMPORARY LIGHTING TO PROPOSED LIGHTING SHALL OCCUR AFTER ALL PROPOSED LIGHTING IS INSTALLED AND TESTED AND SHALL OCCUR DURING THE DAYTIME SO THAT THERE IS NO INTERRUPTION OF LIGHTING.



LEGEND

- EXISTING LIGHTING UNIT TO REMAIN IN PLACE
- TEMPORARY LIGHT POLE, 50' MOUNTING HEIGHT
15' MAST ARM, 400 WATT HPS LUMINAIRE,
TYPE M-C-III, 240V (PHASE TO NEUTRAL)
- EXISTING LIGHT POLE, POLE FOUNDATION,
LUMINAIRE TO BE REMOVED
- 3 1/2" #2, 1/2" #4 GROUND IN
1 1/2" UNIT DUCT FOR TEMP LIGHTING
- EXISTING CABLE/DUCT
- AERIAL CABLE, 3-1C #2 WITH MESSENGER WIRE
- WOOD POLE-ONLY FOR TEMP LIGHTING



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PLOT SCALE = 100.0000' / in.	DRAWN - GM	REVISED -
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	DATE - 3/17/2023	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**IL RTE 394 AT BURVILLE RD
TEMPORARY LIGHTING AND REMOVAL PLAN**

SCALE: 1"=50' SHEET 5 OF 5 SHEETS STA. 491+81 TO STA. 510+00

F.A.P. RTE. 332	SECTION 2021-057-N	COUNTY WILL	TOTAL SHEETS 110	SHEET NO. 81
CONTRACT NO. 62N88				
ILLINOIS FED. AID PROJECT				

Bench Mark:

Existing Structure: S.N. 099-0515 originally constructed in 1953 consists of a single cast-in-place reinforced concrete box culvert with dimensions of 6' W x 6' H x 189'-1" L. The clear roadway width is 111'-10". The above roadway consists of asphalt pavement over approximately 17' of fill. The structure spans north to south and carries a total of 4 lanes with 2 in each direction. There is a 20° skew. An open lid drainage is located above the center of the structure to collect storm runoff directly into the culvert from the grass median. The structure is located on vertical tangent and a horizontal tangent. Water flows from west to east through the culvert.

HIGHWAY CLASSIFICATION

IL Rte. 394
 Functional Class: Principal Arterial
 ADT: 11,400 (2019)
 ADTT: 2,125 (2019)
 DHV: 1,140
 Design Speed: 60 m.p.h.
 Posted Speed: 55 m.p.h.
 Two-Way Traffic

GENERAL NOTES

Plan dimensions and details relative to existing plans are subject to nominal construction variations. The Contactor shall field verify existing dimensions and details affecting new construction and make necessary approved adjustments prior to construction or ordering of materials. Such variations shall not be cause for additional compensation for a change in scope of the work, however, the Contractor will be paid for the quantity actually furnished at the unit price bid for the work.

The Contractor shall obtain a construction permit from the Illinois Department of Natural Resources (IDNR), Office of Water Resources for any temporary construction activity placed in the water except cofferdams. This shall include the placement of material for run-arounds, causeways, etc. Any permit application by the Contractor shall refer to the IDNR 3704 Floodway Construction permit number allowing permanent construction as shown in the contract plans.

This project requires a US Army Corps of Engineers (USACE) 404 permit that will be secured by the department. As a condition of this permit, the contractor will need to submit an in-stream work plan to the department for approval. Guidelines on acceptable in-stream work techniques can be found on the USACE website. The USACE defines and determines in-stream work. The cost of all materials and labor necessary to comply with the above provisions, to prepare and implement an in-stream work plan will not be paid for separately, but shall be considered as included in the unit bid prices of the contract and no additional compensation will be allowed with the exception of cofferdams which will be paid for as Cofferdam (Type 1) (In-Stream/ Wetland Work) with a basis of payment of each.

DESIGN SPECIFICATIONS

2020 AASHTO LRFD Bridge Design Specifications, 9th Edition

DESIGN STRESSES

FIELD UNITS
 f'c = 3,500 psi
 fy = 60,000 psi (Reinforcement)
 fy = 50,000 psi (M270 Grade 50)

LOADING HS-20

Allow 50#/sq. ft. for future wearing surface.

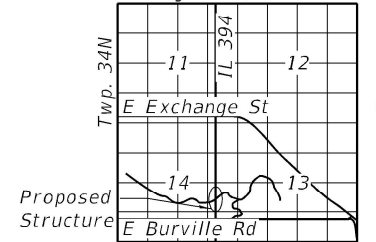
INDEX OF SHEETS

1. General Plan and Elevation
- 2-4. Culvert Repair Details
5. Wingwall Details

SUGGESTED SEQUENCE OF CONSTRUCTION

1. Repair existing culvert
2. Remove existing wingwalls
3. Construct new wingwalls

Range 14E, 3rd P.M.



LOCATION SKETCH

TOTAL BILL OF MATERIAL

ITEM	UNIT	TOTAL
Porous Granular Backfill	Cu Yd	26
Structure Excavation	Cu Yd	78
Removal and Disposal of Unsuitable Materials for Structures	Cu Yd	29
Concrete Structures	Cu Yd	22
Reinforcement Bars	Pound	2060
Reinforcement Bars, Epoxy Coated	Pound	475
Temporary Soil Retention System	Sq Ft	484
Epoxy Crack Injection	Foot	309
Geocomposite Wall Drain	Sq Yd	20
Concrete Wingwall Removal	Each	4
Cofferdam (Type 1) (In-Stream/Wetlands Work)	Each	4
Structural Repair of Concrete (Depth Equal to or Less than 5 Inches)	Sq Ft	7

GENERAL PLAN AND ELEVATION

IL-394 OVER UNNAMED CREEK

F.A.P. RTE. 332 SEC. 10&10A

WILL COUNTY

STATION 504+36.78

SN 099 - 0515

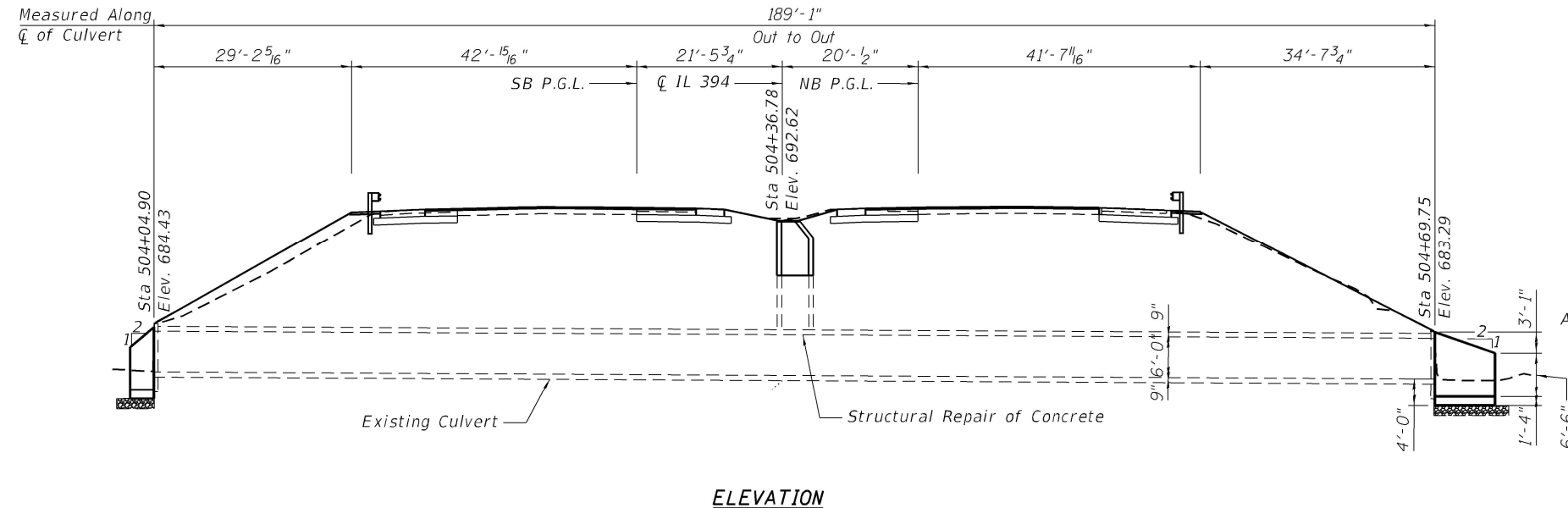
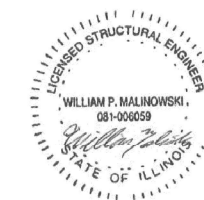
3/17/2023

Date

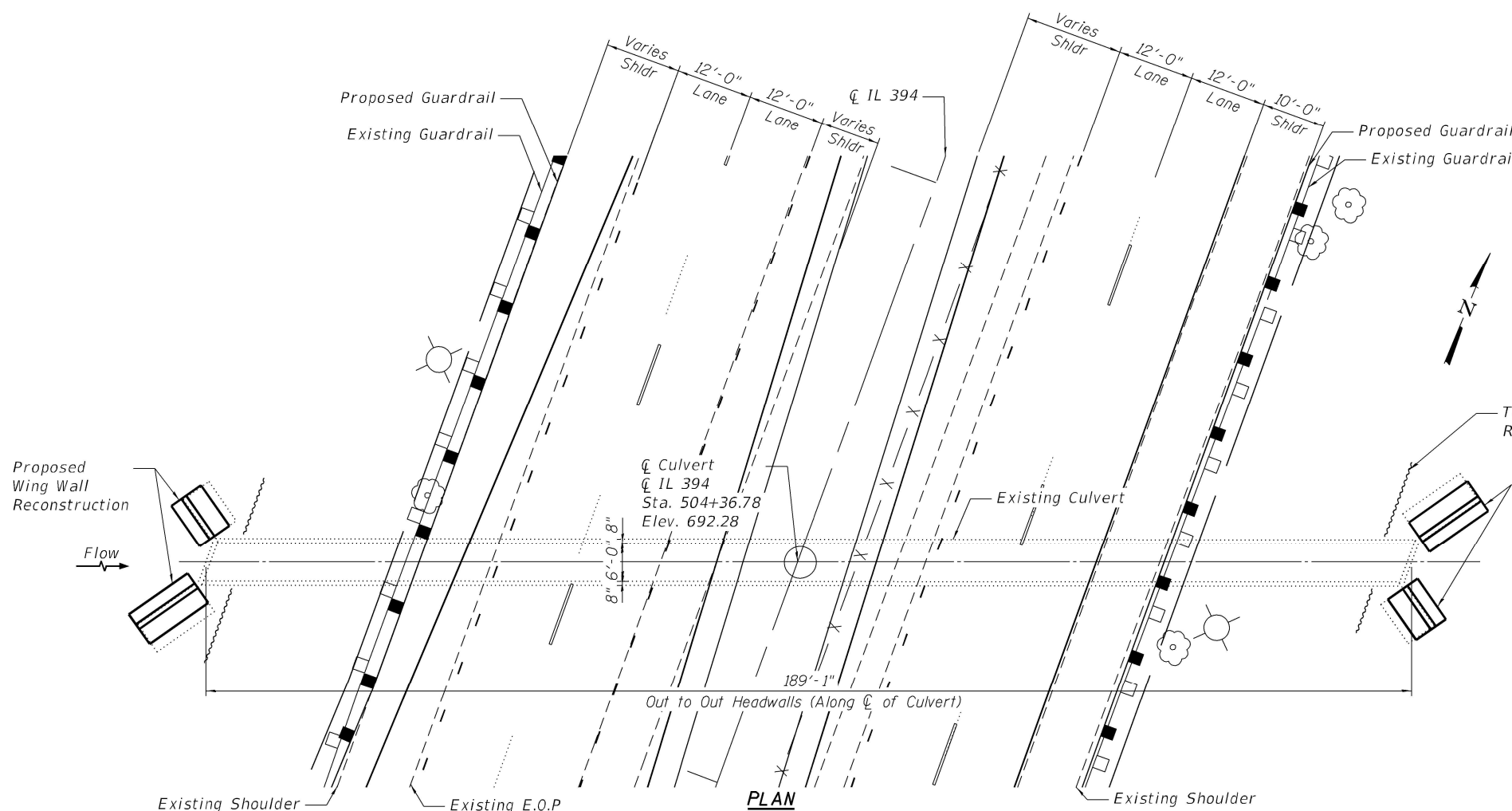
William Malinowski

Illinois Registered Engineer No. 081-006059

Registration Expires Nov. 30, 2024



ELEVATION



PLAN

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

USER NAME =	DESIGNED - BJD	REVISIONS -
	CHECKED - MGH	REVISIONS -
PLOT SCALE =	DRAWN - BJD	REVISIONS -
PLOT DATE =	CHECKED - MGH	REVISIONS -

SHEET 1 OF 5 SHEETS

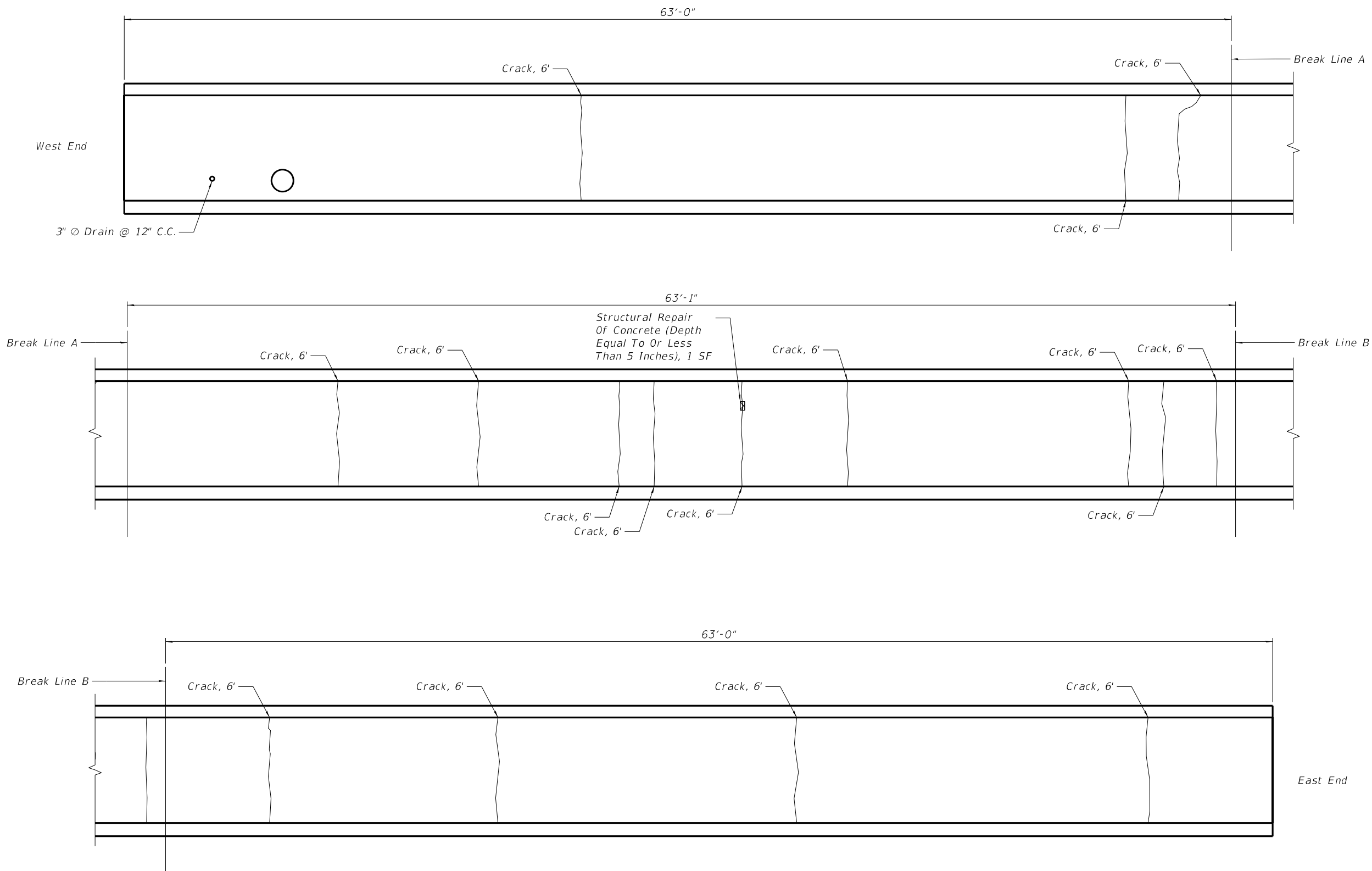
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
332	10 & 10A	WILL	110	82
CONTRACT NO. 62N88				

ILLINOIS FED. AID PROJECT

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NORTH WALL ELEVATION
 (LOOKING NORTH)

BILL OF MATERIAL

ITEM	UNIT	QUANTITY
Epoxy Crack Injection	Foot	96
Structural Repair of Concrete (Depth Equal to or Less Than 5 Inches)	Sq Ft	1



USER NAME =	DESIGNED - BJD	REVISED -
	CHECKED - MGH	REVISED -
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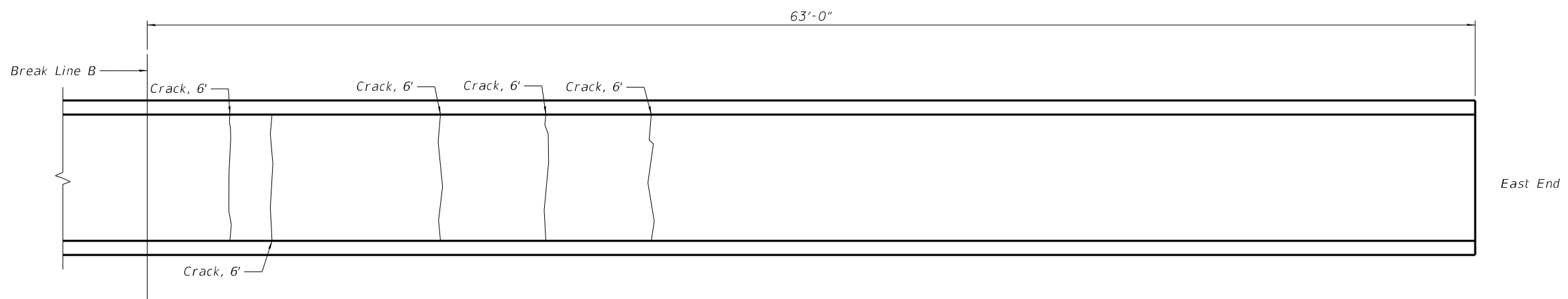
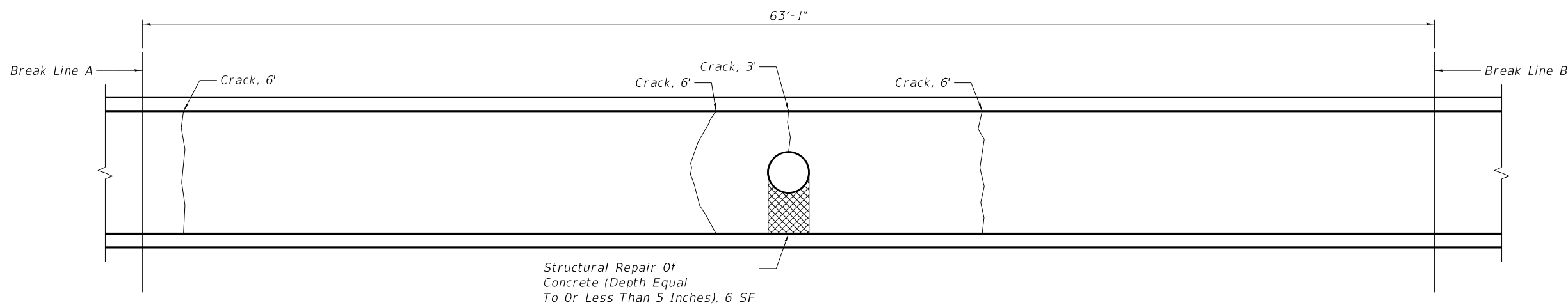
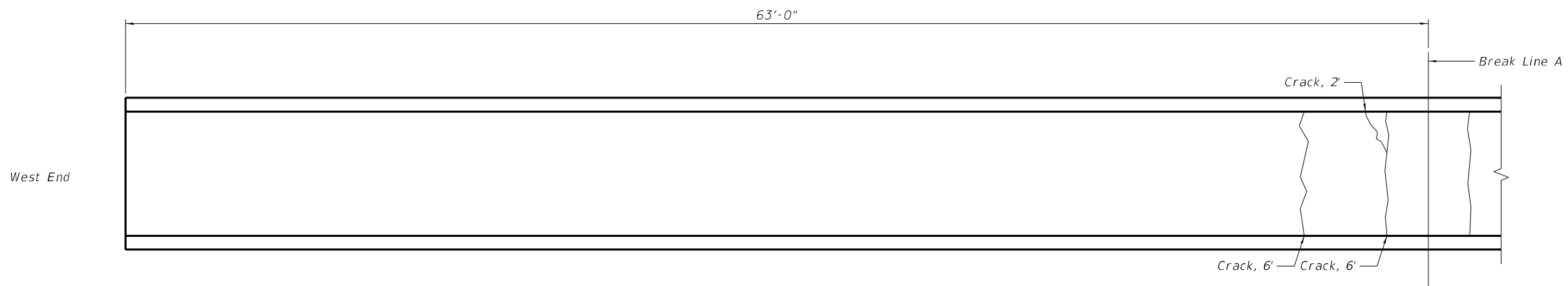
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

NORTH WALL REPAIR DETAILS
STRUCTURE NO. 099-0515

SHEET 2 OF 5 SHEETS

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
332	10 & 10A	WILL	110	83
CONTRACT NO. 62N88				
ILLINOIS FED. AID PROJECT				

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REFLECTED TOP SLAB PLAN

BILL OF MATERIAL

ITEM	UNIT	QUANTITY
Epoxy Crack Injection	Foot	65
Structural Repair of Concrete (Depth Equal to or Less Than 5 Inches)	Sq Ft	6



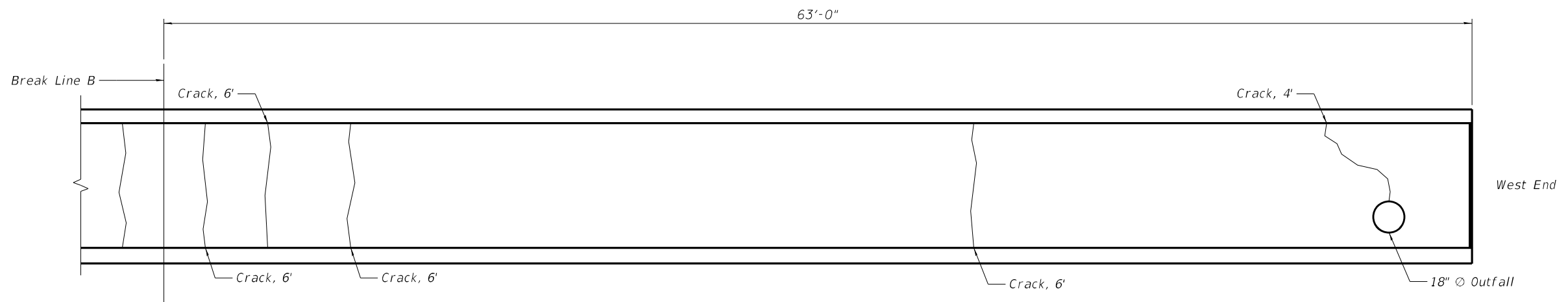
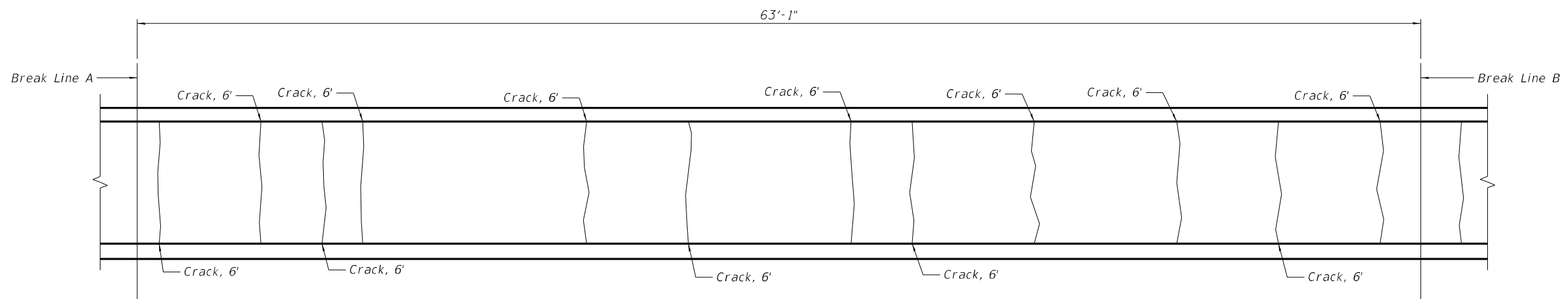
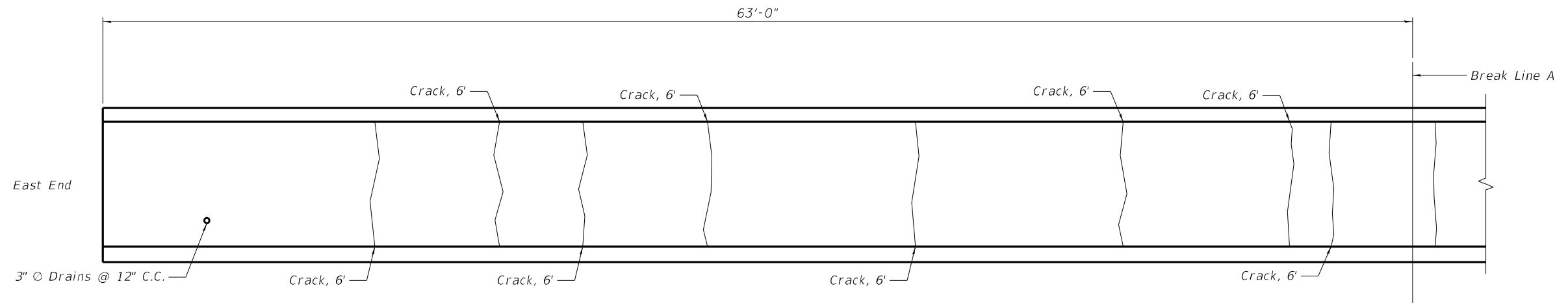
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STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

REFLECTED TOP SLAB REPAIRS
 STRUCTURE NO. 099-0515

SHEET 3 OF 5 SHEETS

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
332	10 & 10A	WILL	110	84
			CONTRACT NO. 62N88	
ILLINOIS FED. AID PROJECT				



SOUTH WALL ELEVATION
(LOOKING SOUTH)

BILL OF MATERIAL

ITEM	UNIT	QUANTITY
Epoxy Crack Injection	Foot	148

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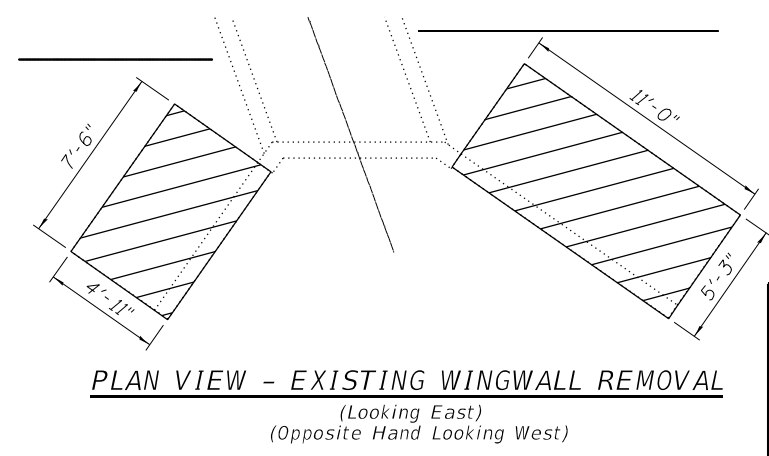
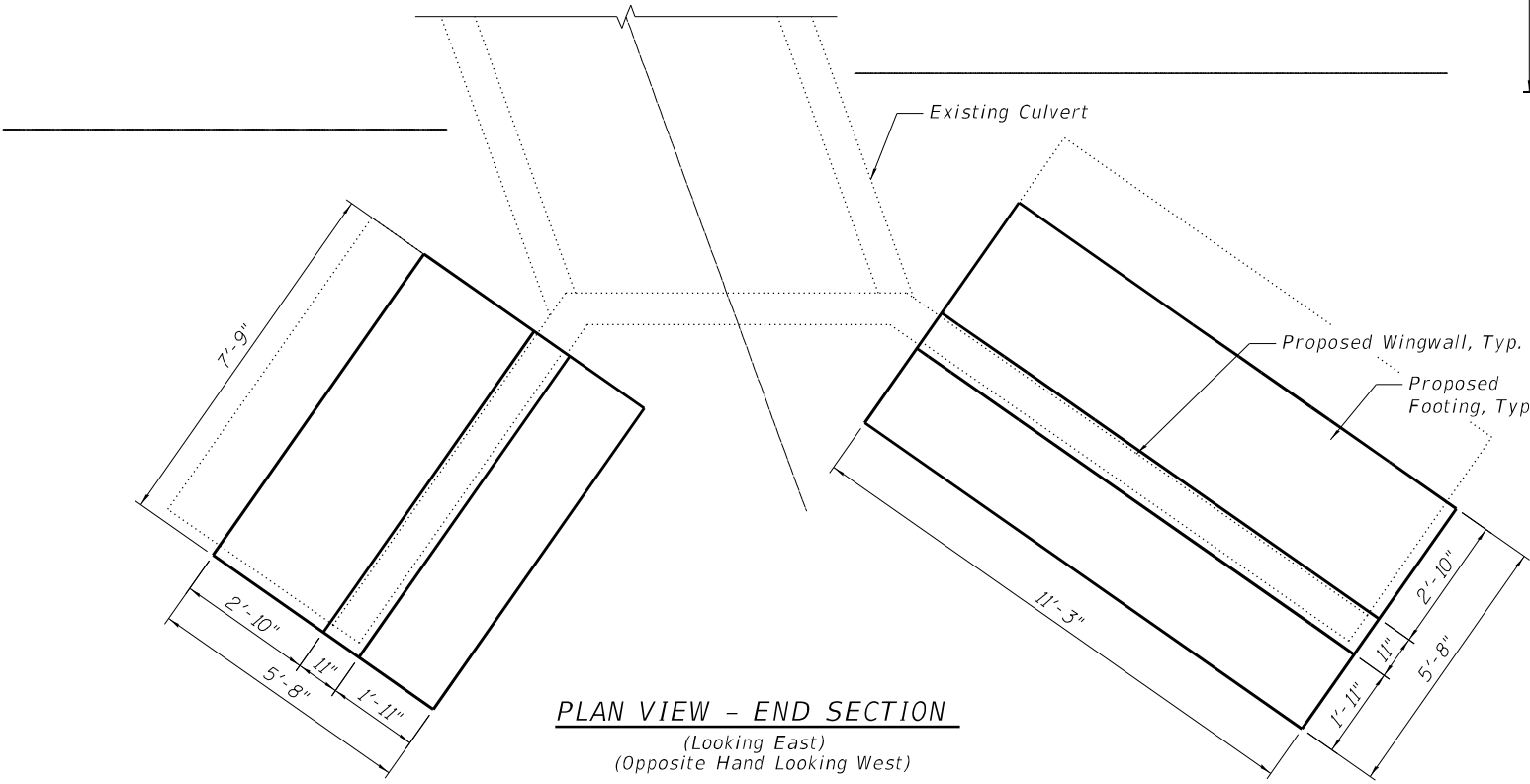
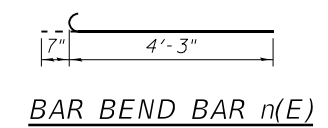
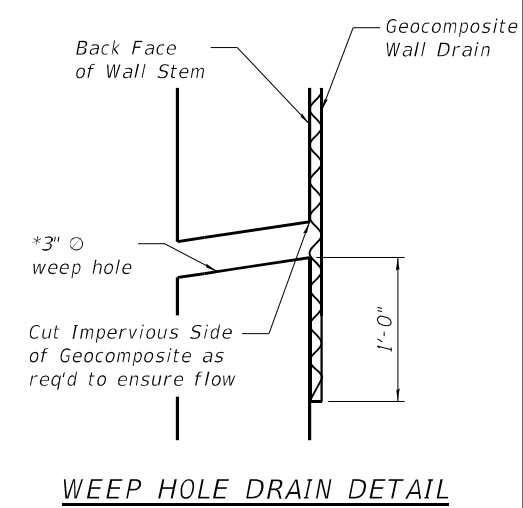
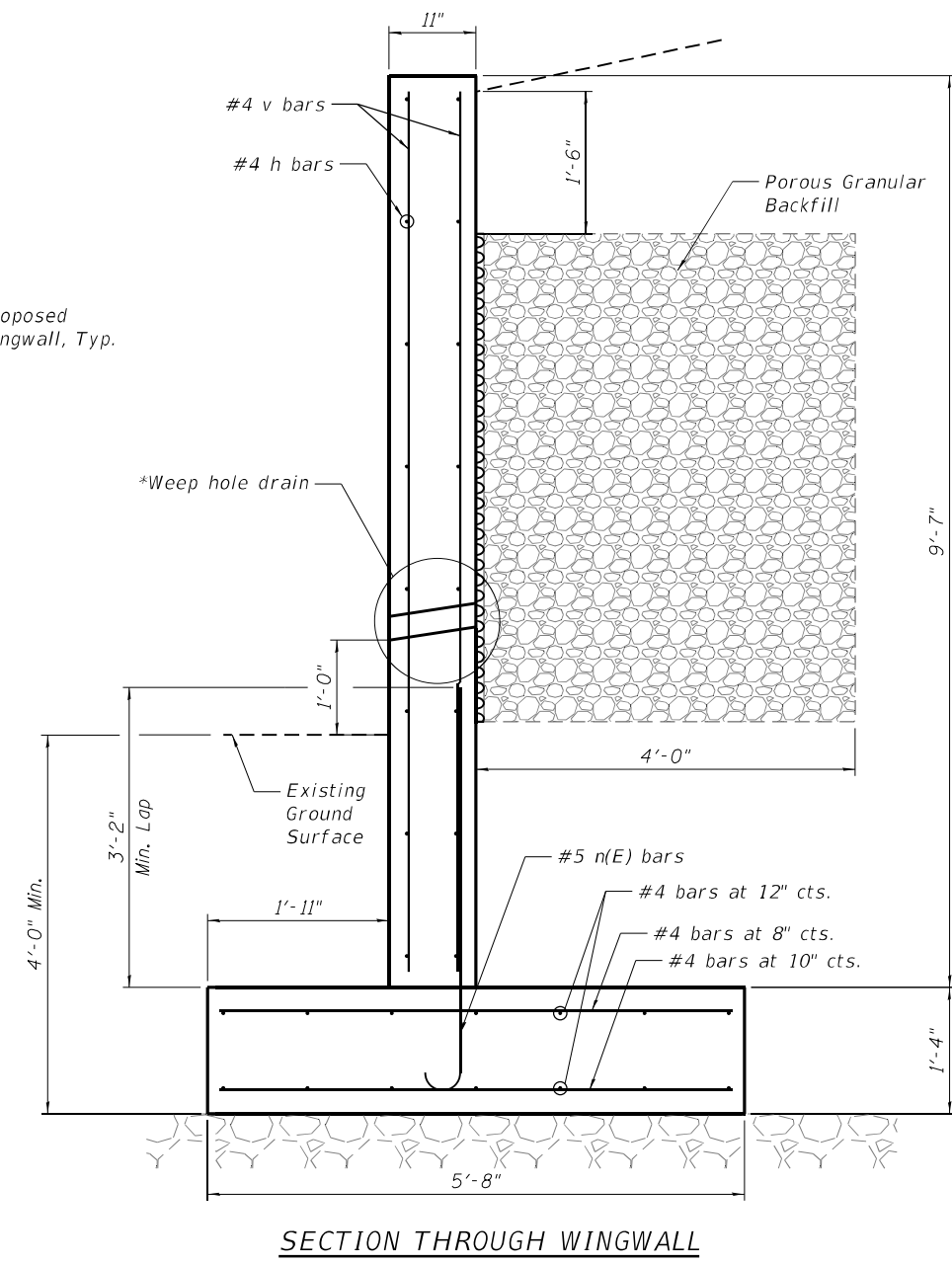
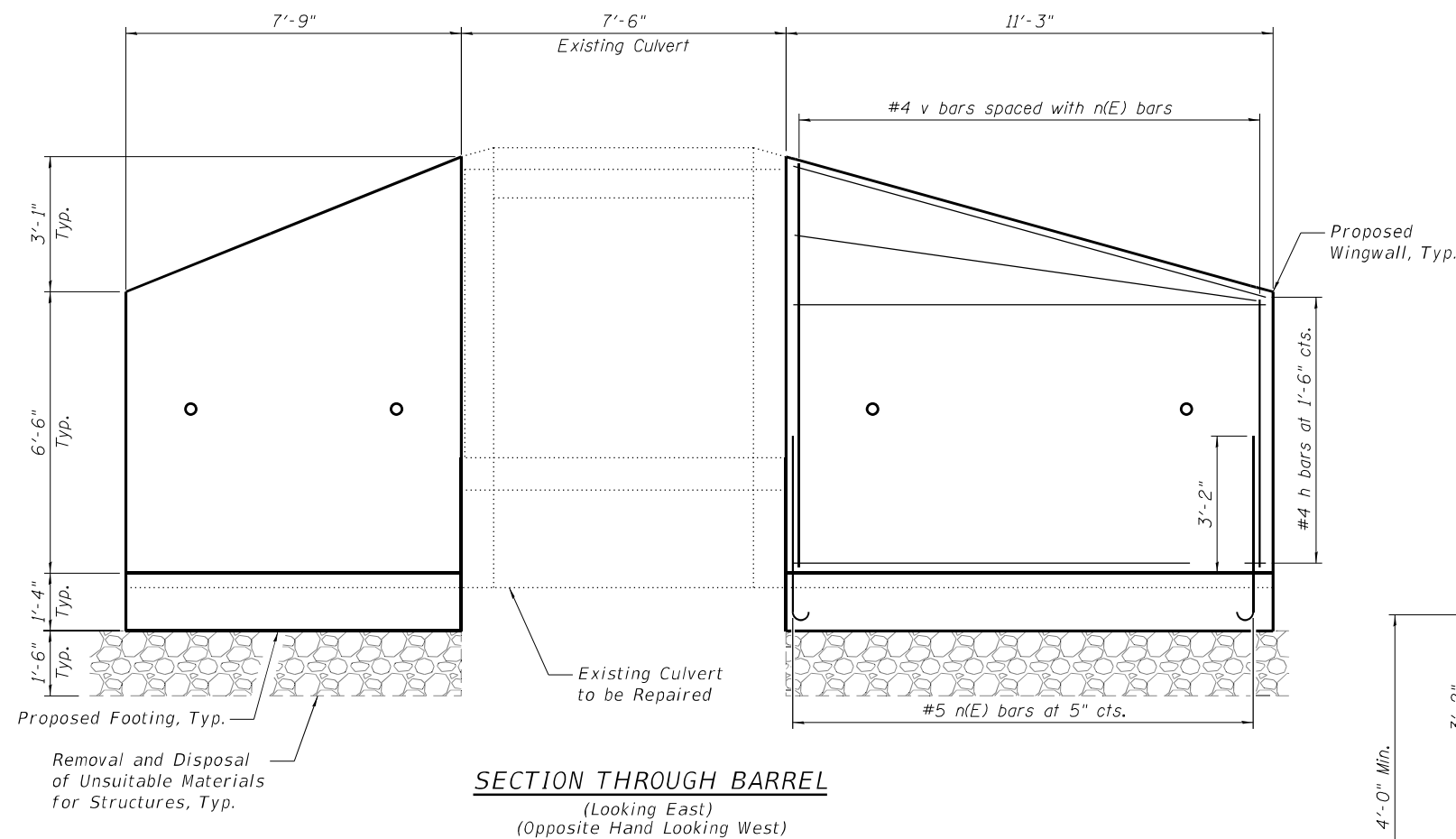
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SOUTH WALL REPAIRS
STRUCTURE NO. 099-0515

SHEET 4 OF 5 SHEETS

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
332	10 & 10A	WILL	110	85
CONTRACT NO. 62N88				
ILLINOIS FED. AID PROJECT				

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Limits of Removal

NOTES

1. The service bearing pressure applied by a wingwall is 3,420 psf.

BILL OF MATERIAL
 (Quantities for Two End Sections)

ITEM	UNIT	QUANTITY
Porous Granular Backfill	Cu Yd	26
Structure Excavation	Cu Yd	78
Removal and Disposal of Unsuitable Materials for Structures	Cu Yd	29
Concrete Structures	Cu Yd	22
Reinforcement Bars	Pound	2060
Reinforcement Bars, Epoxy Coated	Pound	475
Geocomposite Wall Drain	Sq Yd	20
Concrete Wingwall Removal	Each	4



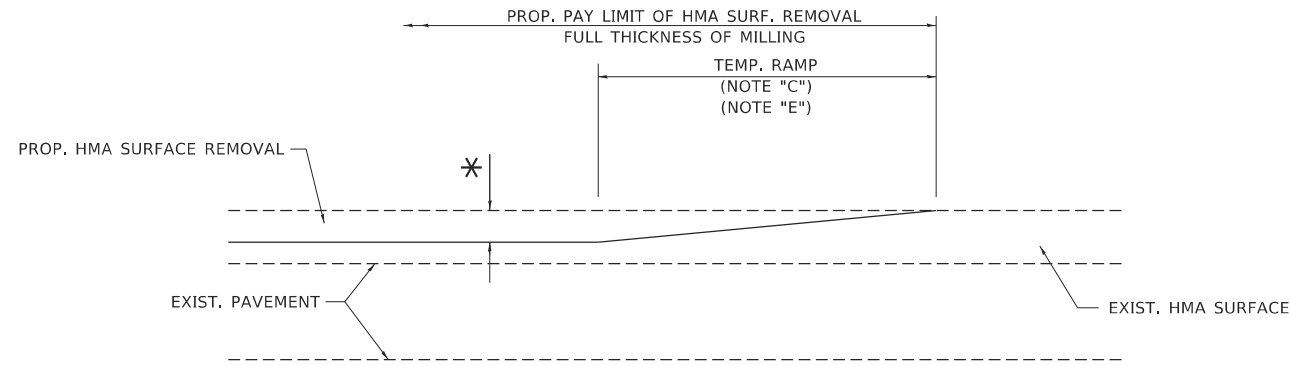
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STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

WINGWALL DETAILS
 STRUCTURE NO. 099-0515

SHEET 5 OF 5 SHEETS

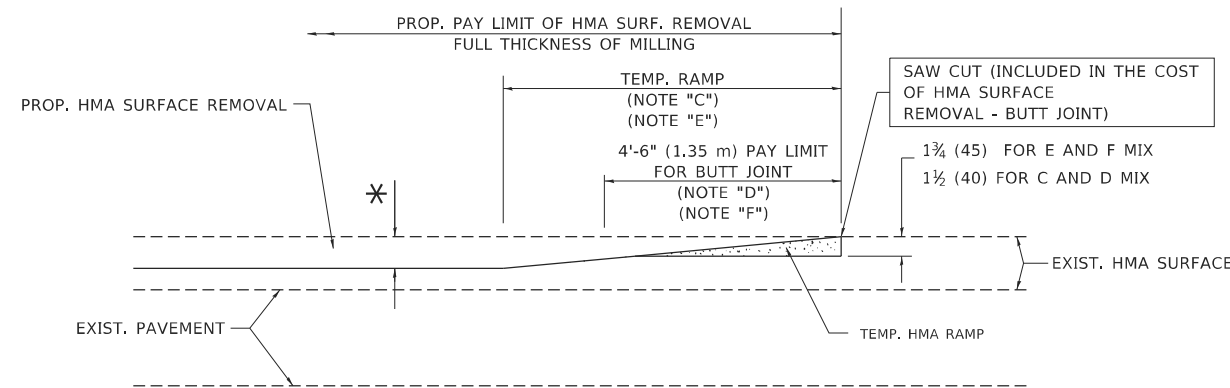
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
332	10 & 10A	WILL	110	86
CONTRACT NO. 62N88				
ILLINOIS FED. AID PROJECT				



MILLED TEMPORARY RAMP

(FOR BUTT JOINT AND HMA TAPER SEE DETAIL BELOW)

OPTION 1

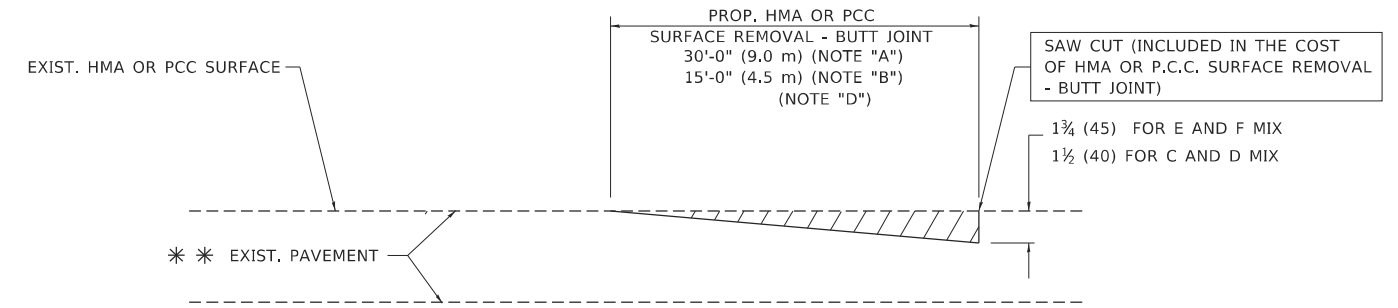


HMA CONSTRUCTED TEMPORARY RAMP

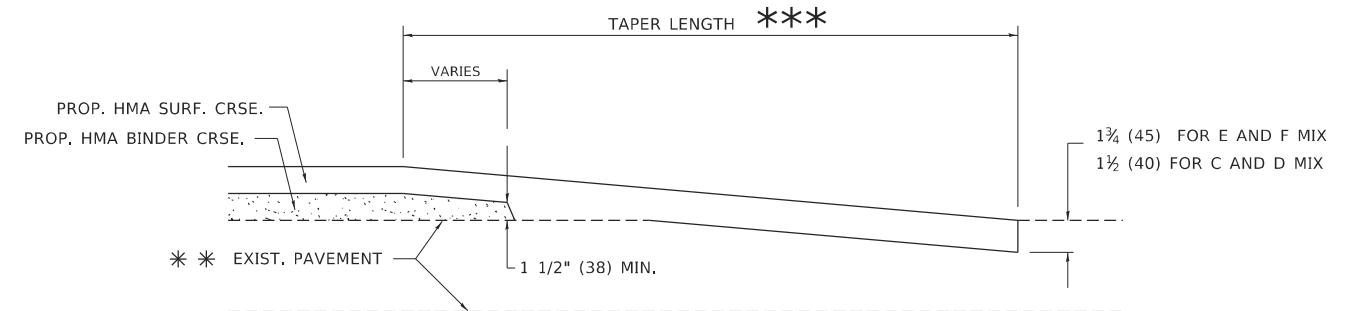
(FOR BUTT JOINT AND HMA TAPER SEE DETAIL BELOW)

OPTION 2

TYPICAL TEMPORARY RAMP



BUTT JOINT DETAIL



HMA TAPER DETAIL

TYPICAL BUTT JOINT AND HMA TAPER FOR RESURFACING ONLY

** PC CONCRETE, HMA OR HMA RESURFACED PAVEMENT.

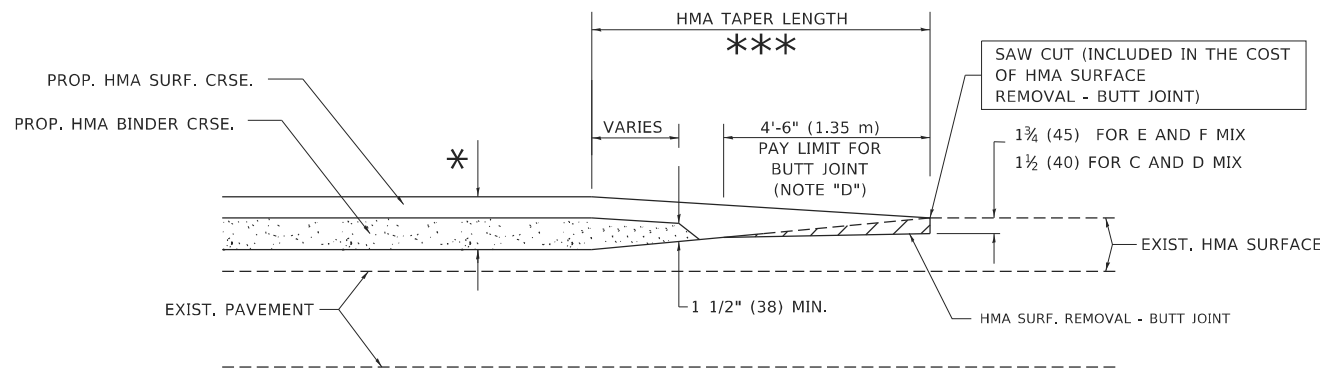
NOTES

- A. MAINLINE ROADWAYS AND MAJOR SIDE ROADS.
- B. MINOR SIDE ROADS.
- C. THE TEMP. RAMP SHALL BE CONSTRUCTED IMMEDIATELY UPON REMOVAL OF THE EXISTING HMA SURFACE.
- D. THE BUTT JOINT SHALL BE CONSTRUCTED IMMEDIATELY PRIOR TO PLACING THE PROPOSED HMA COURSES.
- E. TAPER THE TEMP. RAMP AT A RATE OF 3'-0" (900 mm) PER 1 INCH (25 mm) OF MILLING THICKNESS.
- F. INSTALLATION AND REMOVAL OF THE 4'-6" (1.35 m) TEMP. RAMP IS INCLUDED IN COST OF HMA SURFACE REMOVAL - BUTT JOINT.
* SEE TYPICAL SECTIONS FOR MILLING THICKNESS.
- G. SEE ARTICLE 406.08 AND 406.14 OF THE STANDARD SPECIFICATIONS FOR "HMA AND/OR PCC SURFACE REMOVAL, BUTT JOINT".
*** 20'-0" (6.1 m) PER 1 (25) RESURFACING (NOTE "A")
10'-0" (3.0 m) PER 1 (25) RESURFACING (NOTE "B")

BASIS OF PAYMENT

THE BUTT JOINT WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER SQUARE YARD (SQUARE METER) FOR "HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT" OR FOR "PORTLAND CEMENT CONCRETE SURFACE REMOVAL - BUTT JOINT".

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



BUTT JOINT AND HMA TAPER

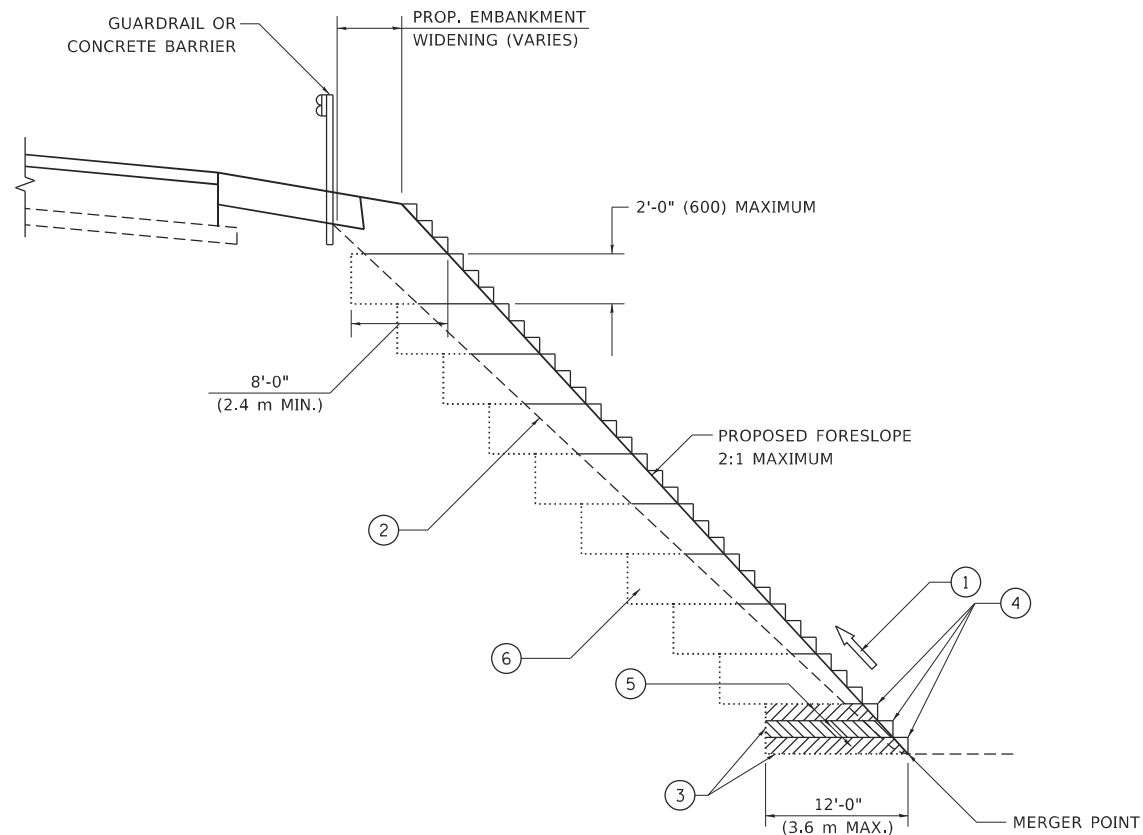
TYPICAL BUTT JOINT AND HMA TAPER FOR MILLING AND RESURFACING

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

BUTT JOINT AND
HMA TAPER DETAILS

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
332	2021-057-N	WILL	110	87
BD400-05 BD32		CONTRACT NO. 62N88		
ILLINOIS FED. AID PROJECT				



**TYPICAL BENCHING DETAIL
FOR EMBANKMENT**

NOTES:

- ① CONSTRUCT SUCCEEDING BENCH CUTS AND EMBANKMENT PLACEMENT AND COMPACTION FROM BOTTOM TO TOP IN STAIRSTEP FASHION.
- ② EXISTING FORESLOPE PREPARED IN ACCORDANCE WITH ARTICLE 205.03 OF THE STANDARD SPECIFICATIONS.
- ③ BENCH CUT EXISTING SLOPE TYPICAL FOR EACH STEP.
- ④ TRIM TO FINAL SLOPE.
- ⑤ EQUAL 8-INCH (200) LIFTS OF EMBANKMENT COMPACTED IN ACCORDANCE WITH ARTICLE 205.05 OF THE STANDARD SPECIFICATIONS.
- ⑥ EXCAVATION OF BENCH CUTS WITHIN EXISTING EMBANKMENT WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER CUBIC METER OR CUBIC YARD FOR "EARTH EXCAVATION". THIS PRICE WILL INCLUDE ALL LABOR AND MATERIAL, NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
- ⑦ SLOPES SHALL BE BENCHED ACCORDING TO THIS DETAIL WHEN THE SLOPE IS STEEPER THAN 4:1 AND THE HEIGHT IS GREATER THAN 5' (1.5 m).

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

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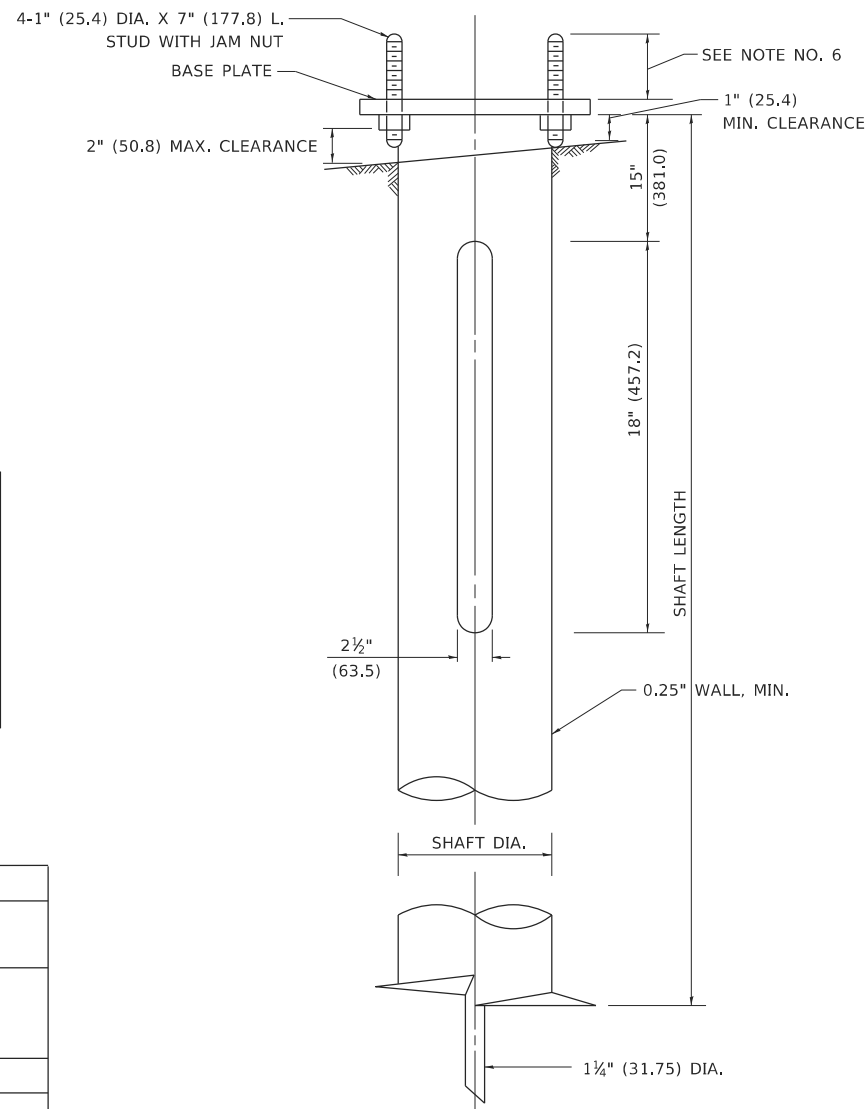
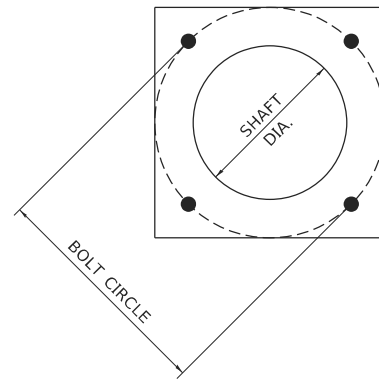
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**BENCHING DETAIL
FOR EMBANKMENT WIDENING**

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

F.A.P. RTE. 332	SECTION 2021-057-N	COUNTY WILL	TOTAL SHEETS 110	SHEET NO. 88
BD-51		CONTRACT NO. 62N88		
ILLINOIS FED. AID PROJECT				



NOTES

1. ALL DIMENSION IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.
2. ALL MATERIAL SHALL BE GALVINIZED ACCORDING TO AASHTO M111, UNLESS OTHERWISE SPECIFIED.
3. ALL WELDS SHALL BE CONTINUOUS AND NOT LESS THAN 1#4" (6.35 mm) FILLET WELDS. THE WELDED FOUNDATION SHALL BE CAPABLE OF WITHSTANDING 10,000 FT/LBS (13558.18 n.m) OF INSTALLATION TORQUE APPLIED ABOUT THE AXIS OF THE FOUNDATION.
4. THE HELIX FOUNDATION SHAFT SHALL BE INSTALLED VERTICAL AND THE BASE PLATE SHALL BE IN LEVEL. THE BREAKAWAY COUPLINGS AND HARDWARE SHALL NOT BE USED TO ALIGN THE POLE INSTALLATION.
5. THE CABLE TRENCH SHALL BE BACKFILLED AND FIRMLY COMPACTED BEFORE THE INSTALLATION OF THE LIGHT POLE.
6. THE CONTRACTOR SHALL COORDINATE EXTENSION OF ANCHOR BOLTS ABOVE TOP OF THE BASE PLATE WITH THE BREAKAWAY DEVICE MANUFACTURER'S REQUIREMENTS.
7. ANY VOIDS WITHIN THE METAL FOUNDATION SHALL BE FILLED WITH FINE AGGREGATE.
8. METAL FOUNDATIONS SHALL BE INSTALLED IN UNDISTURBED SOIL. PREDRILLING A PILOT HOLE AND/OR BACKFILLING AROUND THE FOUNDATION IS NOT ALLOWED.
9. THE METAL FOUNDATION SHALL NOT BE INSTALLED TO A TORQUE WHICH EXCEEDS THE MANUFACTURER'S MAXIMUM TORQUE RATING NOR SHALL IT BE INSTALLED TO AN INSTALLATION TORQUE VALUE OF LESS THAN 3,500 FT LB (4,750 KNM). METAL FOUNDATIONS THAT ARE NOT INSTALLED TO FULL INSTALLATION DEPTH OR DO NOT ACHIEVE THE MINIMUM INSTALLATION TORQUE SHALL BE REMOVED AND REPLACED WITH A CONCRETE FOUNDATION AT NO ADDITIONAL COST.
10. THE BASEPLATE SHALL BE PERPENDICULAR TO THE SHAFT AXIS ($\pm 1^\circ$) AND THE HOLE CENTERLINE SHALL BE CONCENTRIC (± 0.188) TO THE SHAFT AXIS.
11. THE PILOT POINT AND SHAFT AXIS SHALL BE CONCENTRIC (± 0.125) AND IN LINE ($\pm 2^\circ$).
12. THE BASEPLATE SHALL BE STAMPED WITH THE MANUFACTURERS NAME AND DATE OF MANUFACTURE.

HELIX FOUNDATION SIZE

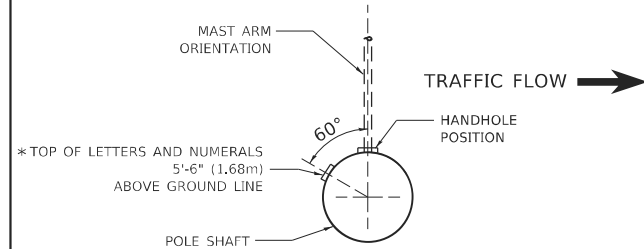
POLE MOUNTING HEIGHT	BOLT CIRCLE	SHAFT DIAMETER	SHAFT LENGTH	BASEPLATE
30 FT.	11½"	8⅝"	6 FT.	12"x12"x1"
31 FT.-35 FT.	11½"	8⅝"	6 FT.	12"x12"x1"
36 FT.-40FT.	15"	8⅝"	6 FT.	15"x15"x1¼"
41 FT.-45 FT.	15"	8⅝"	6 FT.	15"x15"x1¼"
46 FT.-50 FT.	15"	10"	8 FT.	15"x15"x1¼"

METAL HELIX FOUNDATION MATERIALS

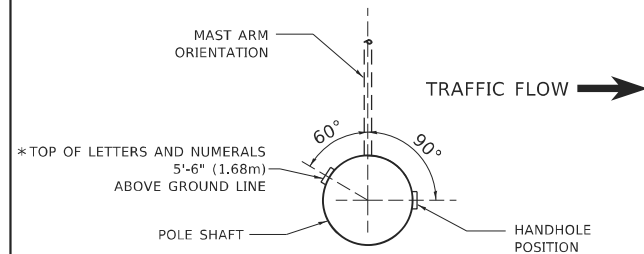
ITEM	MATERIAL REQUIREMENT
BASEPLATE	AASHTO M 270M, GRADE 36 (M270M, GRADE 250)
SHAFT	ASTM A 252, GRADE 2 (PHOSPHOROUS 0.04% MAXIMUM, SULFUR 0.05% MAXIMUM)
HELIX SCREW	AASHTO M 183 (ASTM A 635)
PILOT POINT	AASHTO M 270 (ASTM A 575)
ANCHOR RODS/STUDS	AASHTO M 314 (ASTM F 1554)
HEXAGON NUTS	AASHTO M 291M (ASTM A 563) GRADE DH, OR AASHTO M 292 (ASTM A 194) GRADE 2H
WASHERS	AASHTO M 293 (ASTM F 436)

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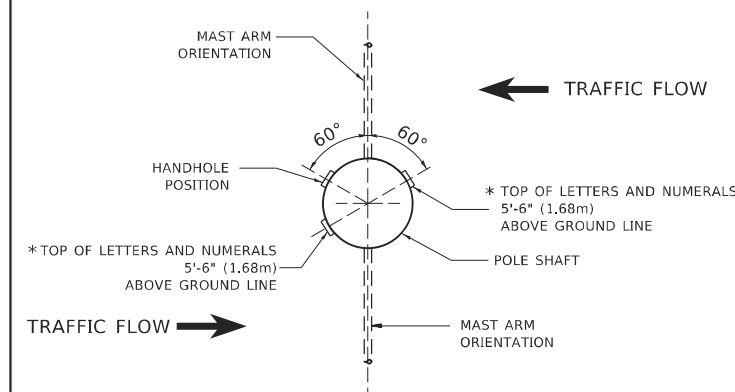
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											ILLINOIS	FED. AID PROJECT			



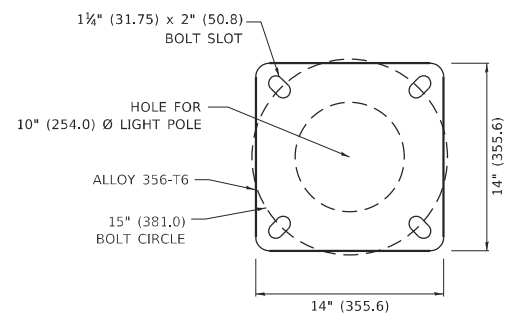
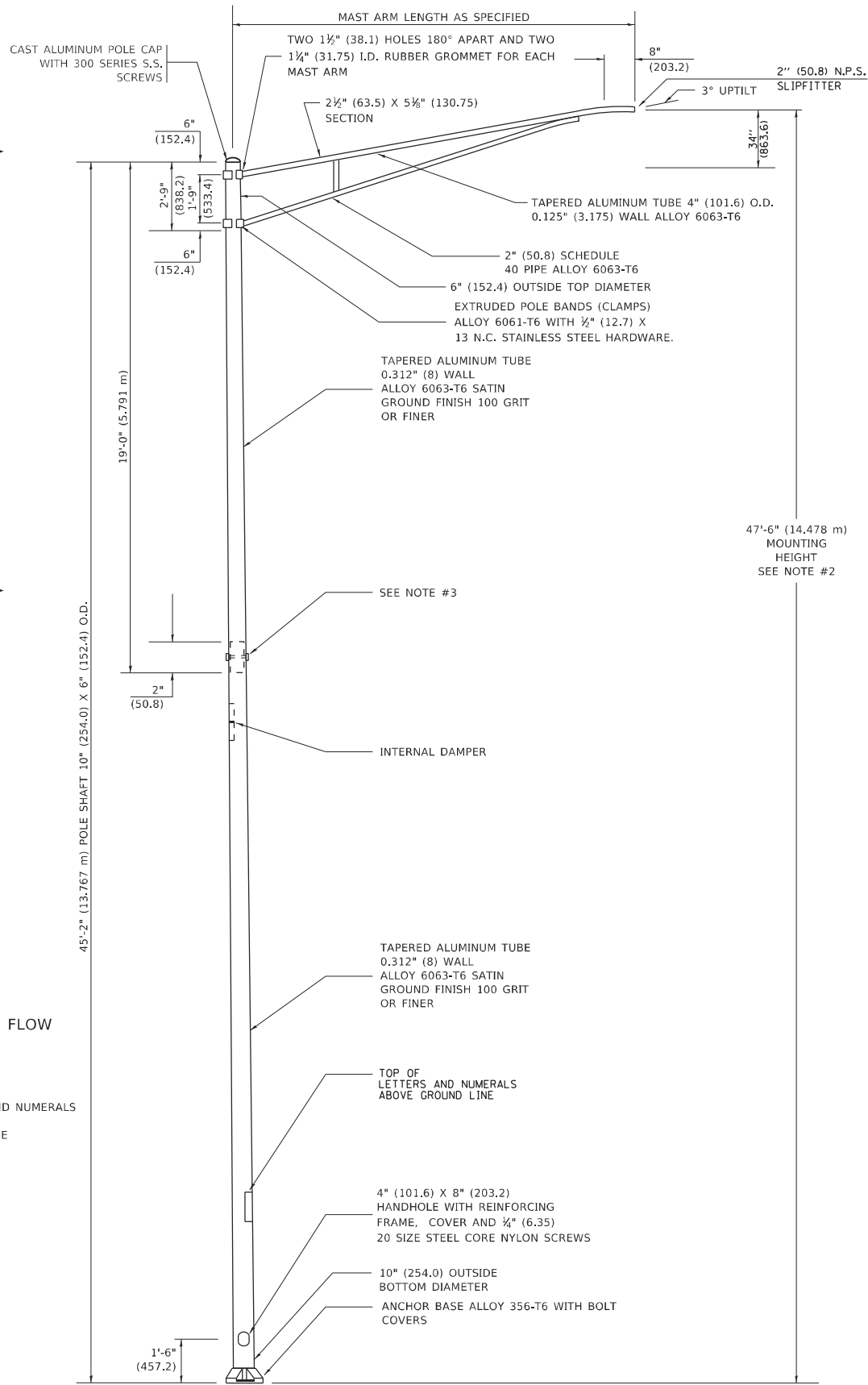
POSITION OF HANDHOLE AND POLE NUMBER FOR SINGLE MAST ARM POLES MOUNTED ON BRIDGE PARAPET OR BARRIER WALL



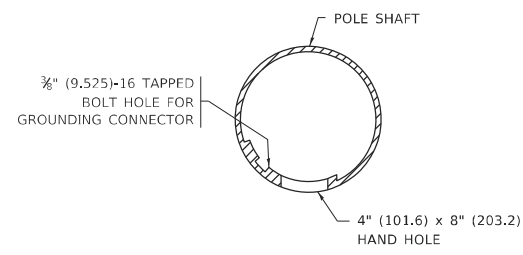
POSITION OF HANDHOLE AND POLE NUMBER FOR SINGLE MAST ARM POLES



POSITION OF HANDHOLE AND POLE NUMBER FOR TWIN MAST ARM POLES



LIGHT POLE BASE PLATE DETAIL
15 INCH (381.0) BOLT CIRCLE



HANDHOLE DETAIL
(N.T.S.)

NOTES

1. ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.
2. MOUNTING HEIGHT IS DEFINED AS THE DISTANCE FROM THE CENTERLINE OF THE TENON TO THE BOTTOM OF THE ANCHOR BASE.
3. TWO PIECE SHAFT WILL BE MATCHED MARKED AND INTERCHANGEABLE BETWEEN DIFFERENT UNITS. FIELD DRILLING OF THE HOLES WILL NOT BE ALLOWED.
4. THE LIGHT POLE WILL MEET AASHTO DESIGN CRITERIA AS SPECIFIED.
5. THE INSTALLING CONTRACTOR WILL PROVIDE A UL LISTED GROUNDING CONNECTOR. BURNDY K2C23, T&B SP4DL OR APPROVED EQUAL.
6. LIGHT POLES WILL NOT BE INSTALLED WITHOUT MAST ARMS AND LUMINAIRES.
7. LIGHT POLES WILL BE SET PLUMB ON THE FOUNDATION WITHOUT THE USE OF LEVELING NUTS, WASHERS OR SHIMS.
8. LIGHTING UNIT IDENTIFICATION NUMBERS SHALL BE INSTALLED BEFORE THE LIGHTING UNIT IS ENERGIZED.

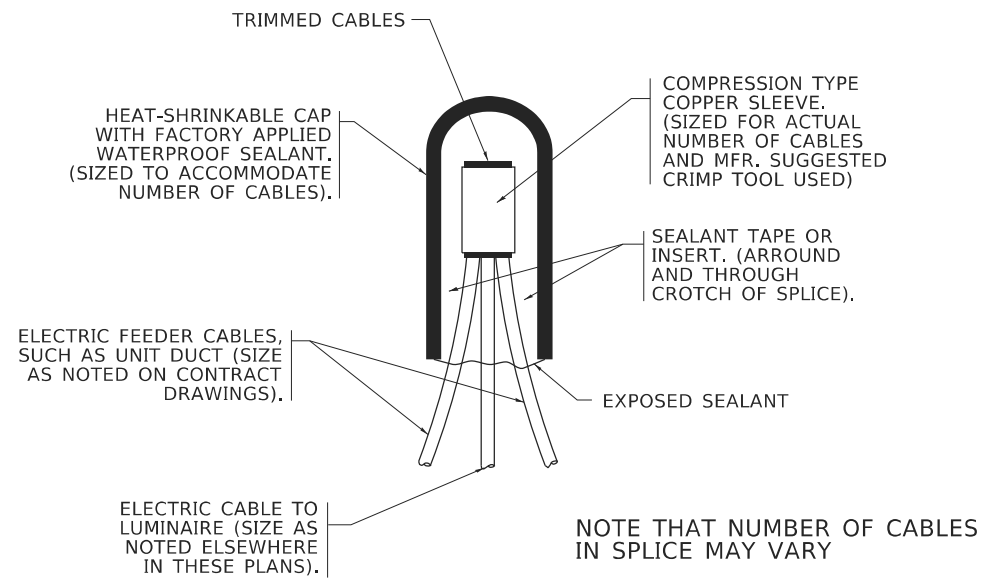
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

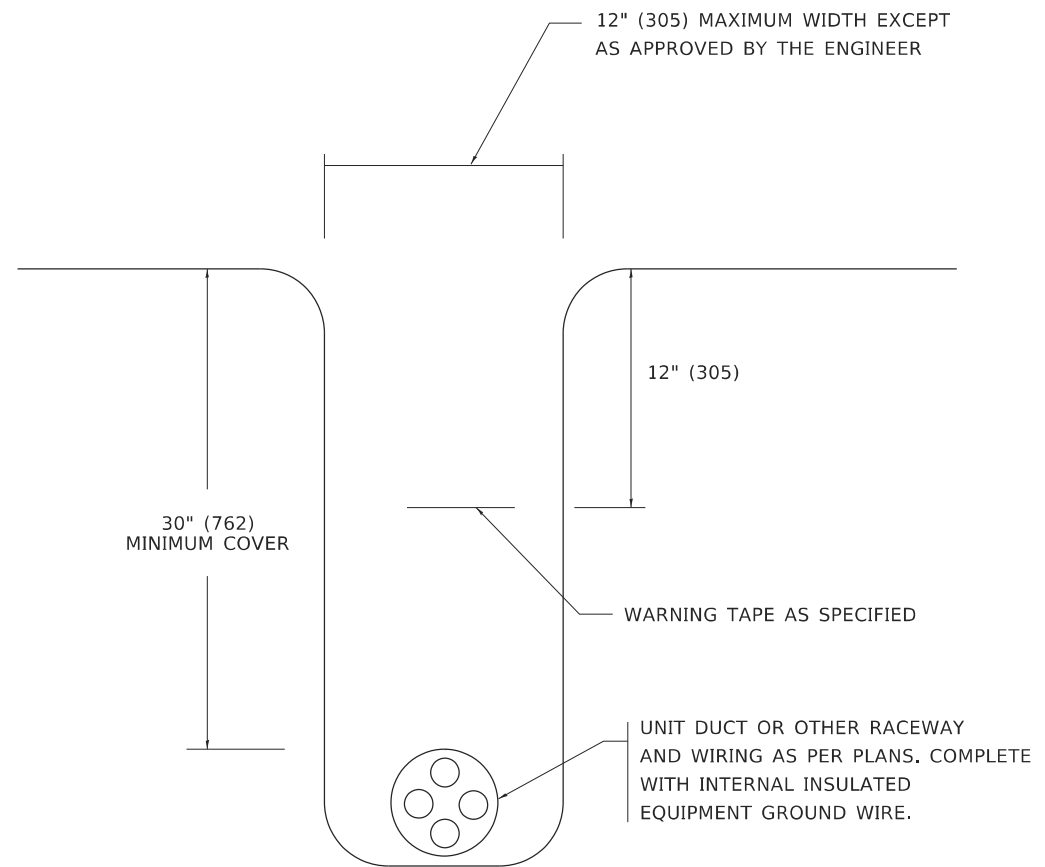
ALUMINUM LIGHT POLE			
47'-6" (14.478 m) MOUNTING HEIGHT			
SCALE: NONE	SHEET 1	OF 1 SHEETS	STA. TO STA.

F.A.P. RTE. 332	SECTION 2021-057-N	COUNTY WILL	TOTAL SHEETS 110	SHEET NO. 90
BE-400		CONTRACT NO. 62N88		
ILLINOIS FED. AID PROJECT				

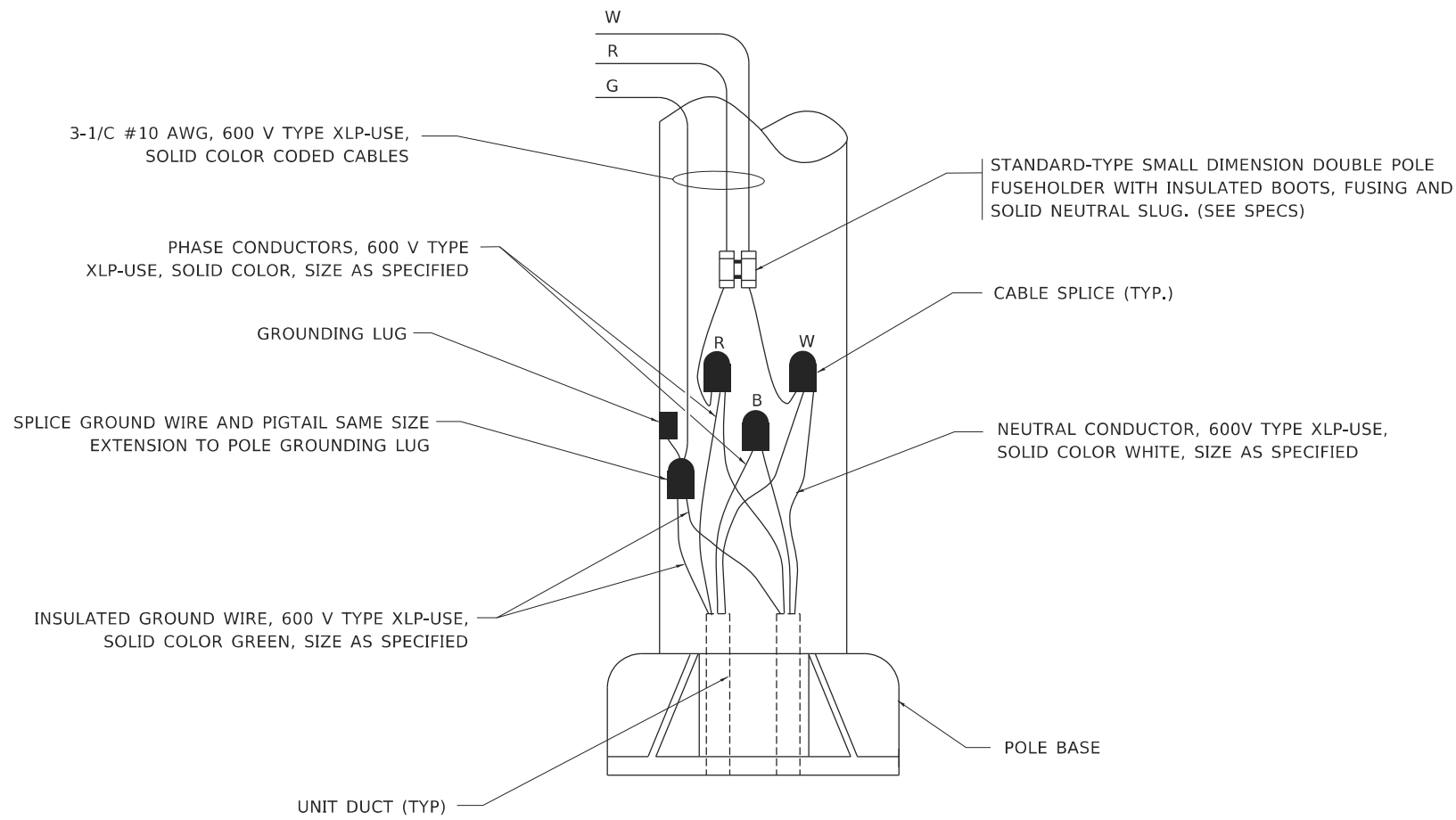


TYPICAL SPLICE DETAIL
N.T.S.

NOTE THAT NUMBER OF CABLES IN SPLICE MAY VARY



TYPICAL WIRING IN TRENCH DETAIL
N.T.S.



POLE WIRING DETAIL
N.T.S.

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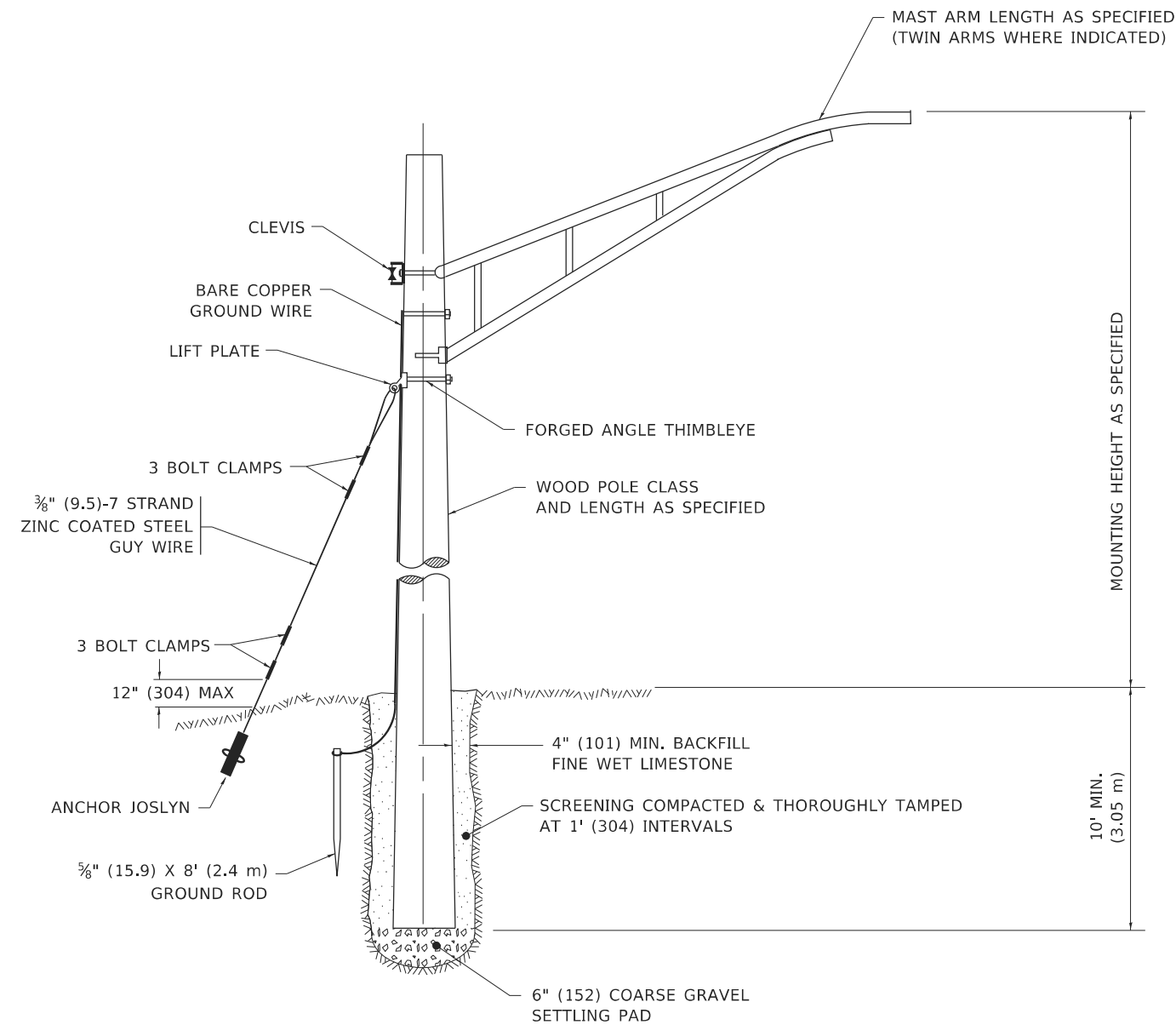
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	DATE - 08/08/2003	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MISC. ELECTRICAL DETAILS
SHEET A

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

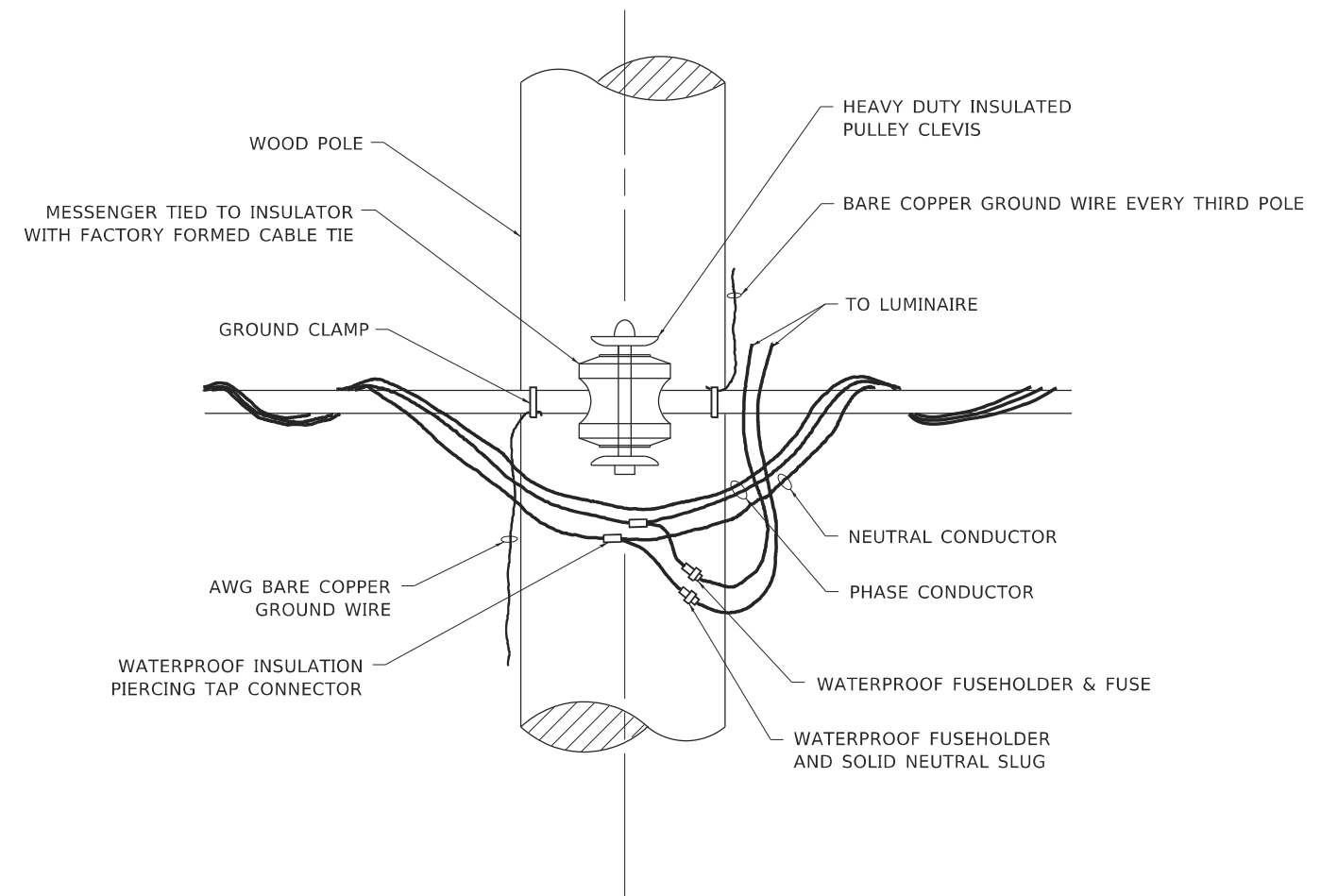
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332	2021-057-N	WILL	110	91
BE-702		CONTRACT NO. 62N88		
ILLINOIS FED. AID PROJECT				



TEMPORARY LIGHT POLE DETAIL

NOTE:

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



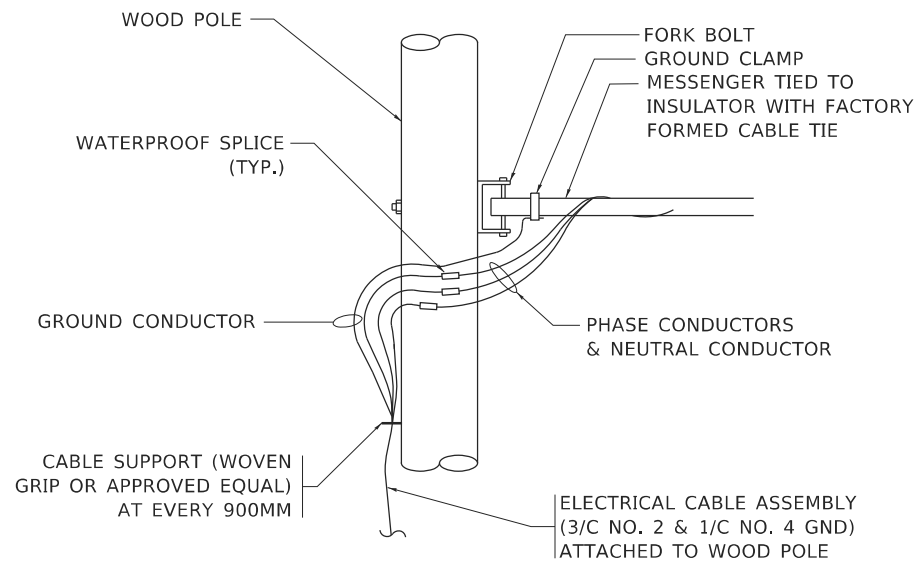
TEMPORARY LIGHT POLE ATTACHMENT DETAIL

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TEMPORARY LIGHT POLE DETAILS

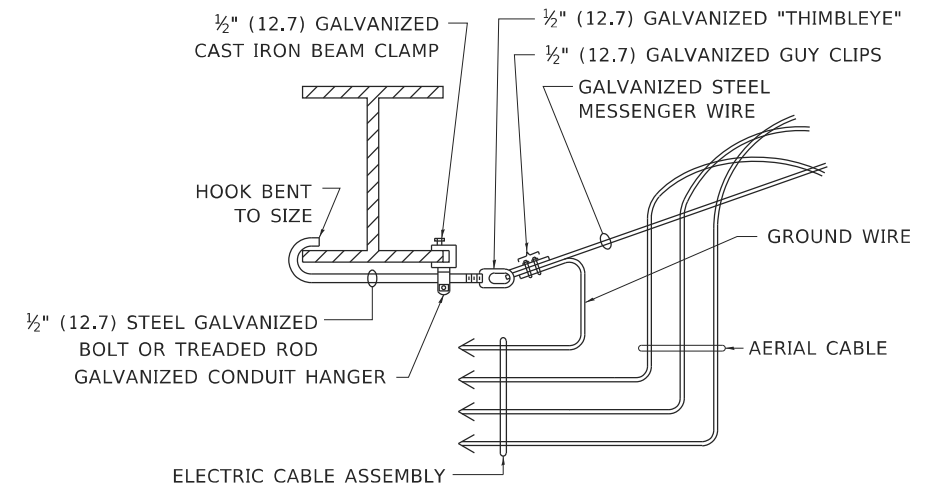
SCALE: NONE SHEET 1 OF 1 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
332	2021-057-N	WILL	110	92
BE-800		CONTRACT NO. 62N88		
ILLINOIS FED. AID PROJECT				



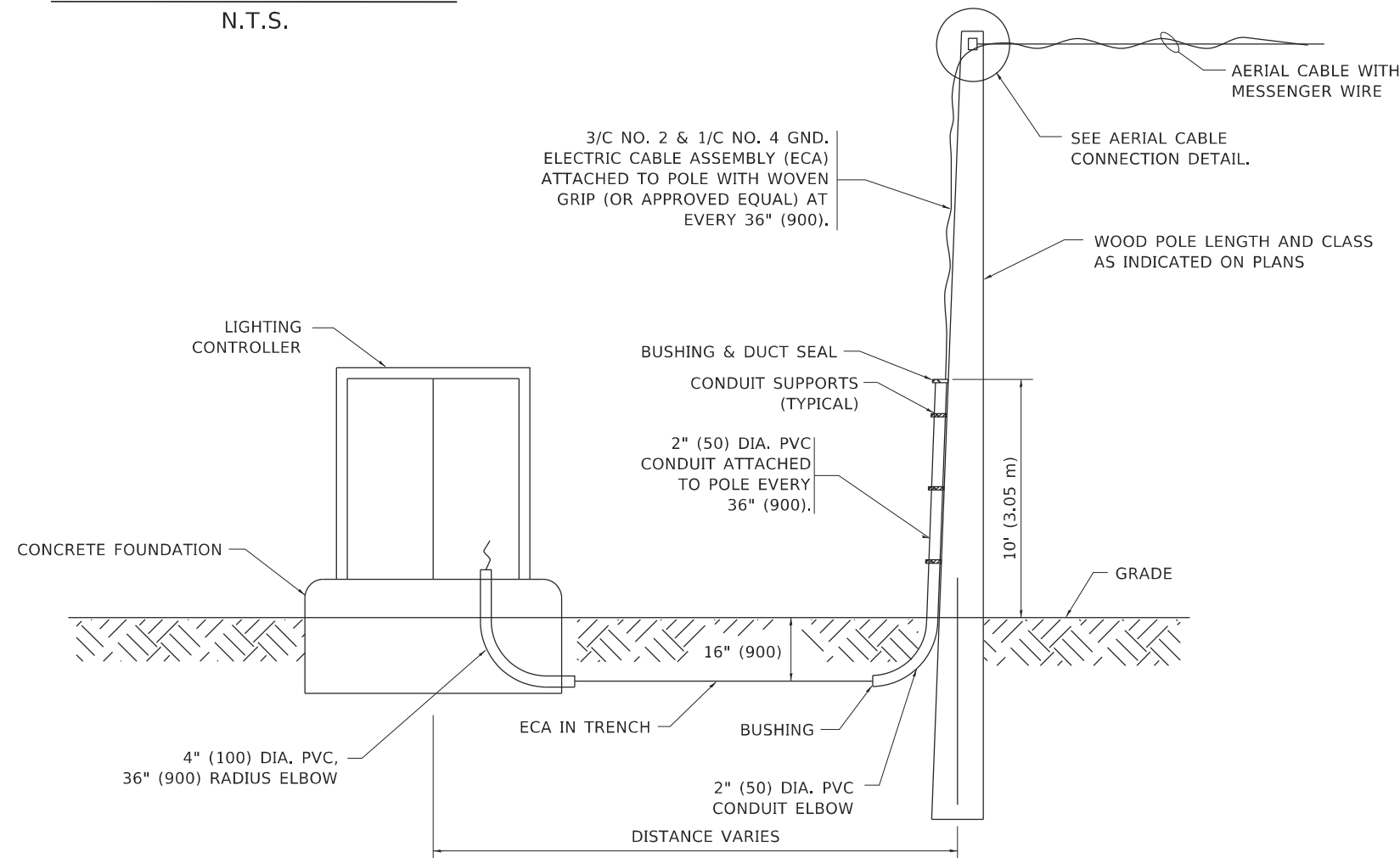
AERIAL CABLE CONNECTION DETAIL

N.T.S.



AERIAL CABLE ATTACHED TO STRUCTURE

NOT TO SCALE



WOOD POLE TO LIGHTING CONTROLLER WIRING CONNECTION DETAIL

N.T.S.

NOTES:

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

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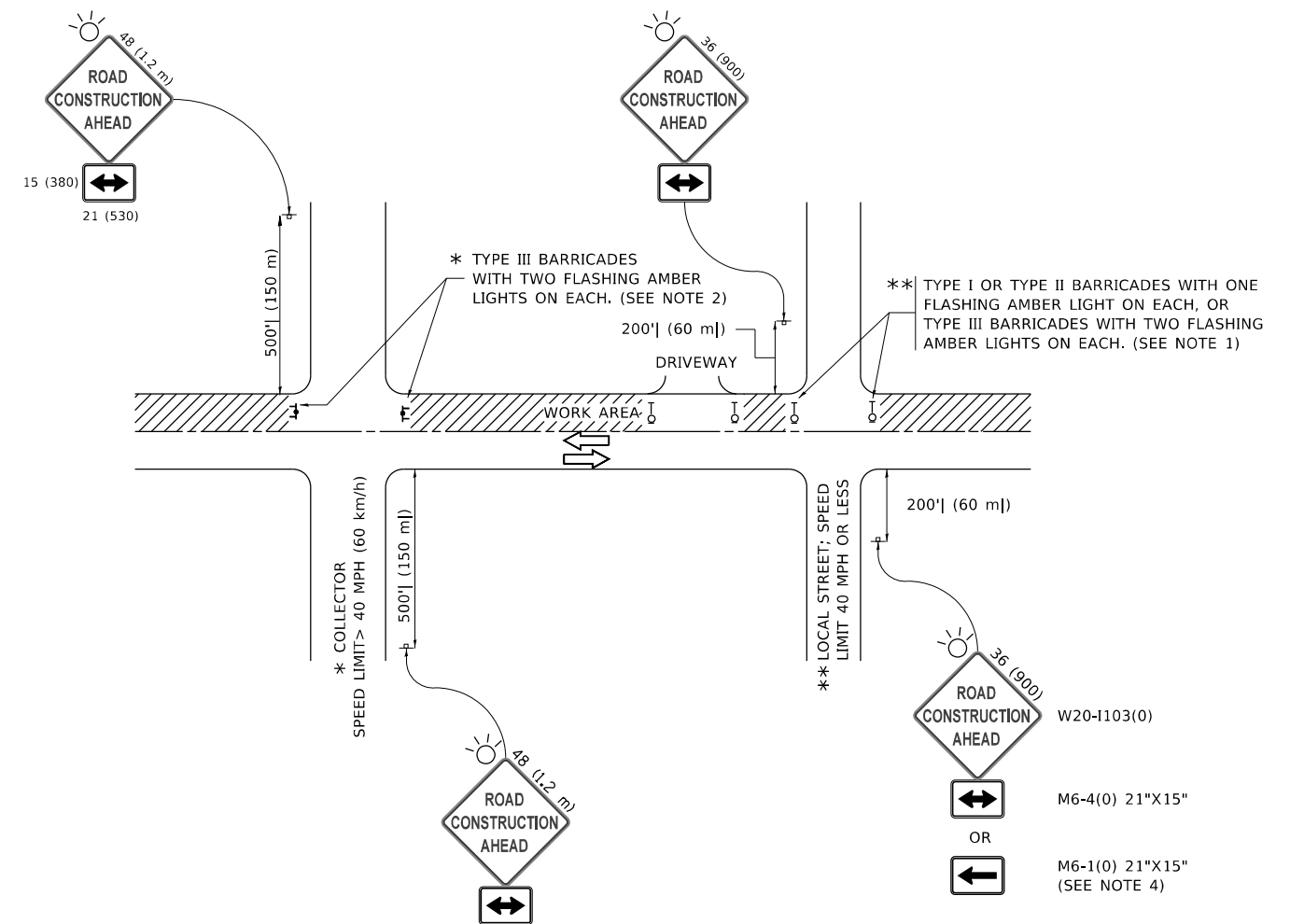
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PLOT DATE = 4/19/2019	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

TEMPORARY AERIAL CABLE INSTALLATION

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
332	2021-057-N	WILL	110	93
BE-801		CONTRACT NO. 62N88		
ILLINOIS FED. AID PROJECT				



NOTES:

1. SIDE ROAD WITH A SPEED LIMIT OF 40 MPH (60 km/h) OR LESS AS SHOWN ON THE DRAWING AND AS DIRECTED BY THE ENGINEER:
 - a) ONE "ROAD CONSTRUCTION AHEAD" SIGN 36 x 36 (900x900) WITH A FLASHER MOUNTED ON IT APPROXIMATELY 200' (60 m) IN ADVANCE OF THE MAIN ROUTE.
 - b) THE CLOSED PORTION OF THE MAIN ROUTE SHALL BE PROTECTED BY BLOCKING WITH TYPE I, TYPE II OR TYPE III BARRICADES, 1/3 OF THE CROSS SECTION OF THE CLOSED PORTION.
2. SIDE ROAD WITH A SPEED LIMIT GREATER THAN 40 MPH (60 km/h) AS SHOWN ON THE DRAWING AND AS DIRECTED BY THE ENGINEER:
 - a) ONE "ROAD CONSTRUCTION AHEAD" SIGN 48 x 48 (1.2 m x 1.2 m) WITH A FLASHER MOUNTED ON IT APPROXIMATELY 500' (150 m) IN ADVANCE OF THE MAIN ROUTE.
 - b) BLOCKING WITH TYPE III BARRICADES, 1/2 OF THE CROSS SECTION OF THE CLOSED PORTION.
3. CONES MAY BE SUBSTITUTED FOR BARRICADES OR DRUMS AT HALF THE SPACING DURING DAY OPERATIONS. CONES SHALL BE A MINIMUM OF 28 (710) IN HEIGHT.
4. SIGNING AND THE WORK ZONE, A SINGLE HEADED ARROW (M6-1) SHALL BE USED IN LIEU OF THE DOUBLE HEADED ARROW (M6-4),

WHEN THE SIDE ROAD LIES BETWEEN THE BEGINNING OF THE MAINLINE
5. WHEN WORK IS BEING PERFORMED ON A SIDE ROAD OR DRIVEWAY, FOLLOW THE APPLICABLE STANDARD(S). THE DIRECTIONAL ARROW (M6-1 OR M6-4) SHALL BE COVERED OR REMOVED WHEN NO LONGER CONSISTENT WITH THE TRAFFIC CONTROL SET-UP.
6. ADVANCE WARNING SIGNS ARE TO BE OMITTED ON DRIVEWAYS UNLESS OTHERWISE SPECIFIED IN THE PLANS OR BY THE ENGINEER.
7. THE TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS SHALL BE INCLUDED IN THE COST OF SPECIFIED TRAFFIC CONTROL STANDARDS OR ITEMS.

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

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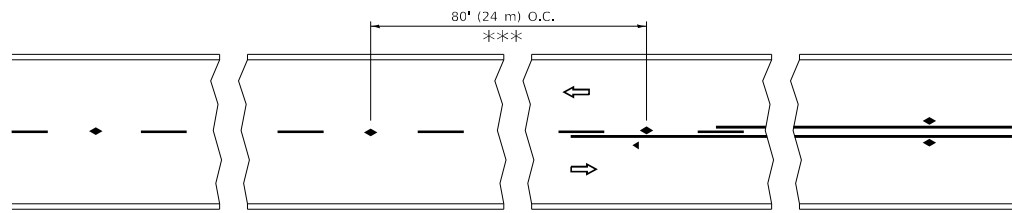
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PLOT DATE = 3/4/2019	DATE - 06-89	REVISED - A. SCHUETZE 07-01-13
		REVISED - A. SCHUETZE 09-15-16

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

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

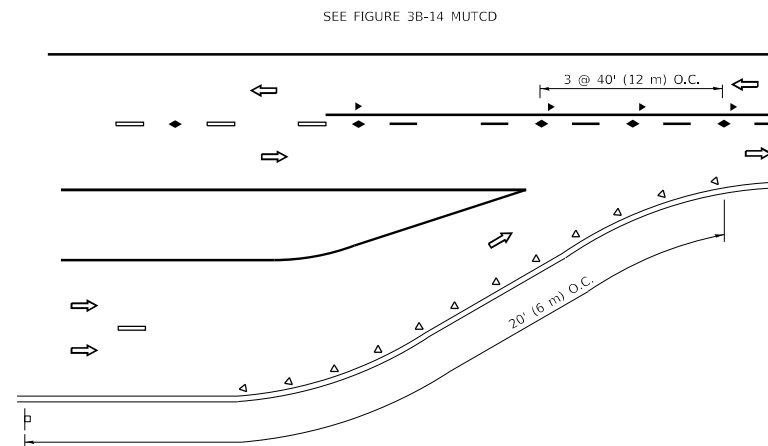
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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ILLINOIS FED. AID PROJECT				

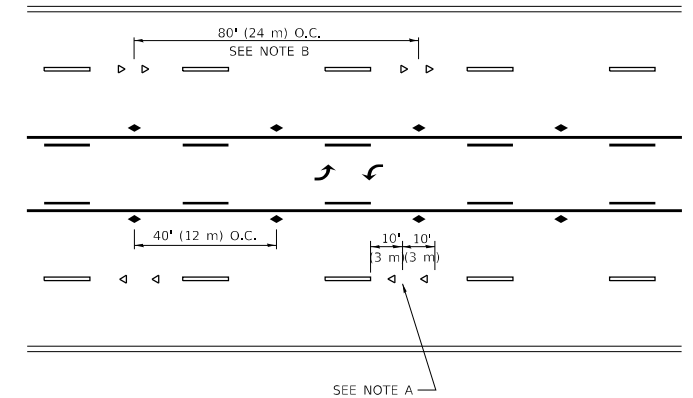


*** REDUCE TO 40' (12 m) O.C. ON CURVES WITH POSTED OR ADVISORY SPEED 45 M.P.H. (70 km/h) OR LESS.

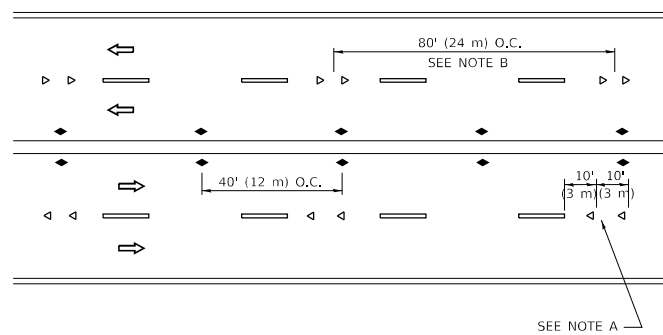
TWO-LANE/TWO-WAY



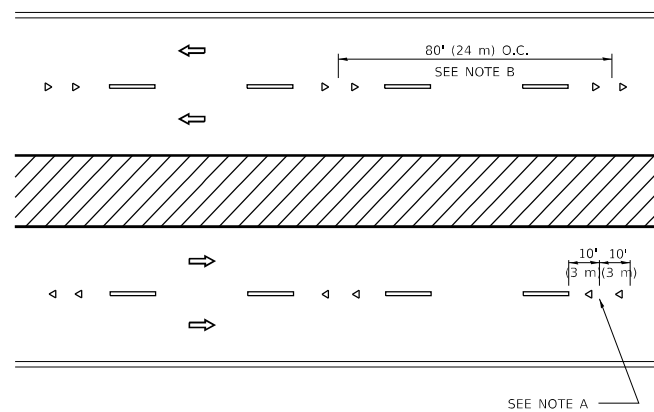
LANE REDUCTION TRANSITION



TWO-WAY LEFT TURN



MULTI-LANE/UNDIVIDED



MULTI-LANE/DIVIDED

GENERAL NOTES

1. MARKERS USED WITH DASHED LINES SHALL BE CENTERED IN THE GAP BETWEEN SEGMENTS.
2. MARKERS USED ADJACENT TO SOLID LINES SHALL BE OFFSET 2 TO 3 (50 TO 75) TOWARD TRAFFIC AS SHOWN.
3. MARKERS THROUGH TANGENTS LESS THAN 500' (150 m) IN LENGTH BETWEEN CURVES SHALL BE INSTALLED AT THE LESSER OF THE TWO CURVE SPACINGS.
4. MARKERS ARE TO BE USED ADJACENT TO BOTH SOLID WHITE LINES IN DUAL LEFT TURN LANES

SYMBOLS

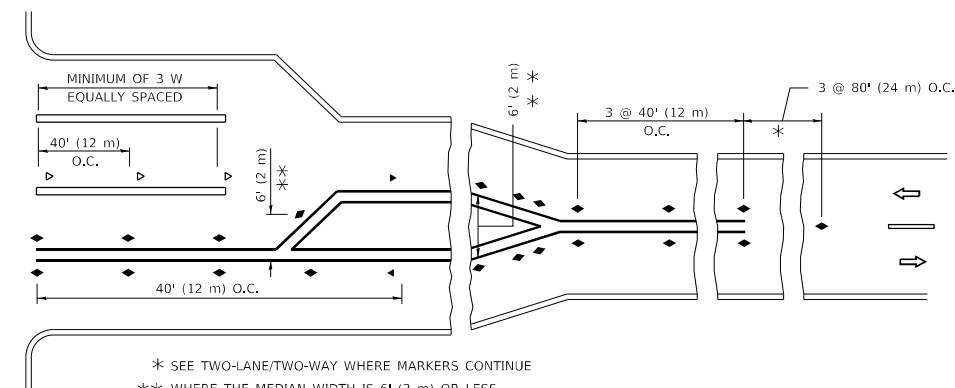
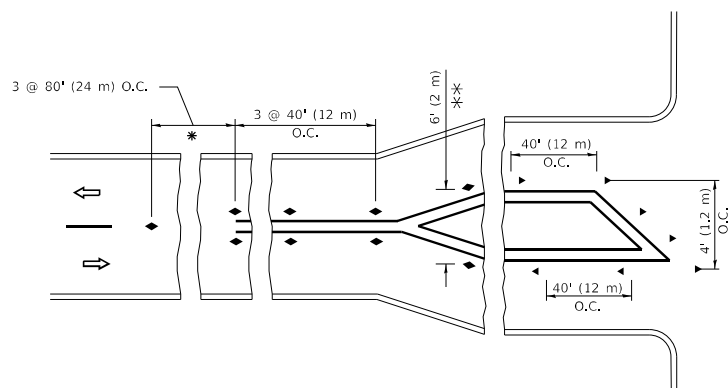
- YELLOW STRIPE
- WHITE STRIPE
- ◀ ONE-WAY AMBER MARKER
- ◀ ONE-WAY CRYSTAL MARKER (W/O)
- ◆ TWO-WAY AMBER MARKER

LANE MARKER NOTES

- A. USE DOUBLE LANE LINE MARKERS SPACED AS SHOWN.
- B. REDUCE TO 40' (12 m) O.C. ON CURVES WHERE ADVISORY SPEEDS ARE 10 M.P.H (20 km/h) LOWER THAN POSTED SPEEDS.

DESIGN NOTES

1. DOUBLE LANE LINE MARKERS SHALL BE USED UNLESS SPECIFIED OTHERWISE.
2. EXCEPT AS SHOWN ON THE LANE REDUCTION TRANSITION AND FREEWAY EXIT RAMP DETAIL, MARKERS ARE NOT TO BE SPECIFIED ON RIGHT EDGE LINES.
3. THE EXACT MARKER LIMITS, SPACING, AND COLOR SHALL BE INCLUDED IN THE PLANS WHEN STANDARD SPECIFICATIONS ARE NOT BEING USED.
4. MARKERS SHOULD NOT BE USED ALONGSIDE CURBS EXCEPT FOR EXTREMELY SHORT SECTIONS OF CURBS WHERE NOT MORE THAN TWO MARKERS WOULD BE INVOLVED.



* SEE TWO-LANE/TWO-WAY WHERE MARKERS CONTINUE
 *** WHERE THE MEDIAN WIDTH IS 6' (2 m) OR LESS USE TWO-WAY MARKERS.

TURN LANES

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

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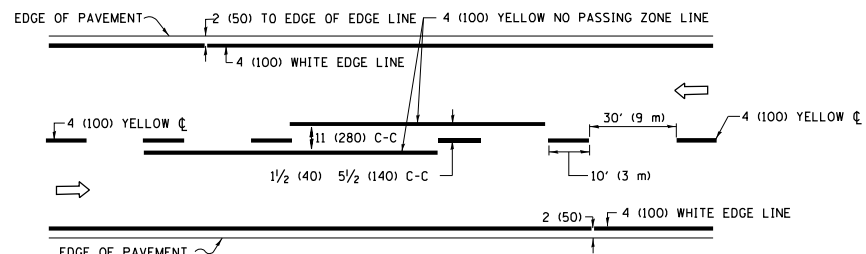
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

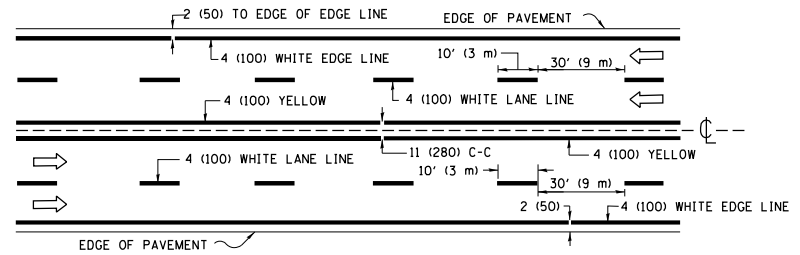
**TYPICAL APPLICATIONS
RAISED REFLECTIVE PAVEMENT MARKERS (SNOW-PLOW RESISTANT)**

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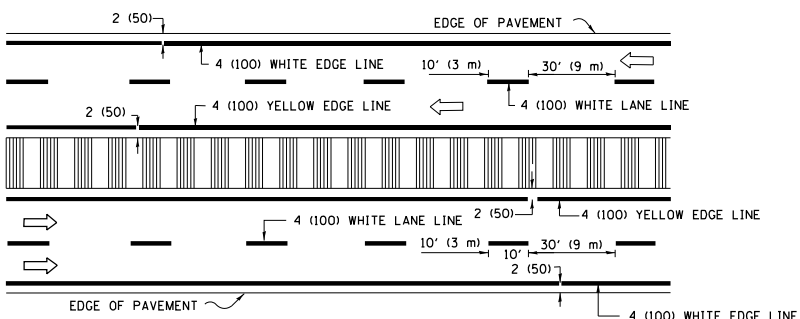
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332	2021-057-N	WILL	110	95
TC-11			CONTRACT NO. 62N88	
ILLINOIS FED. AID PROJECT				



2-LANE ROADWAY

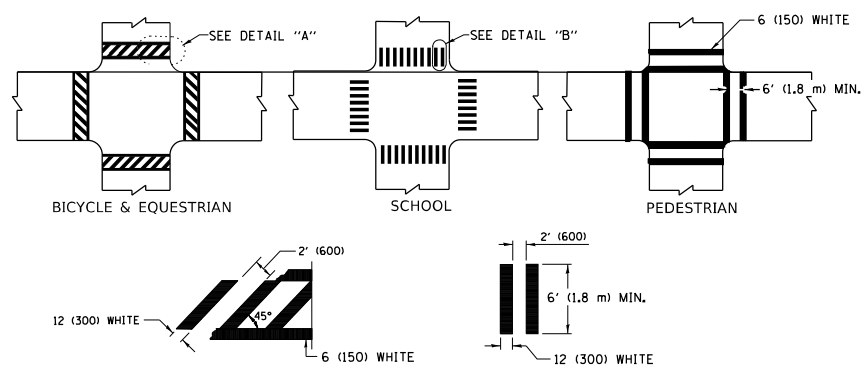


MULTI-LANE UNDIVIDED



MULTI-LANE DIVIDED WITH MEDIAN

TYPICAL LANE AND EDGE LINE MARKING

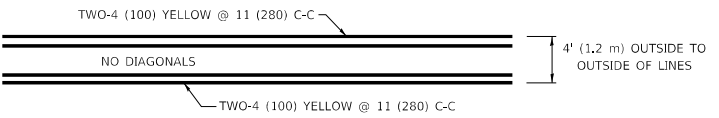


DETAIL "A"

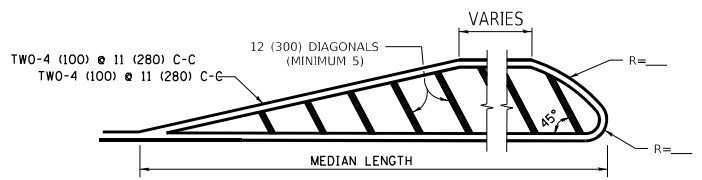
DETAIL "B"

TYPICAL CROSSWALK MARKING

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



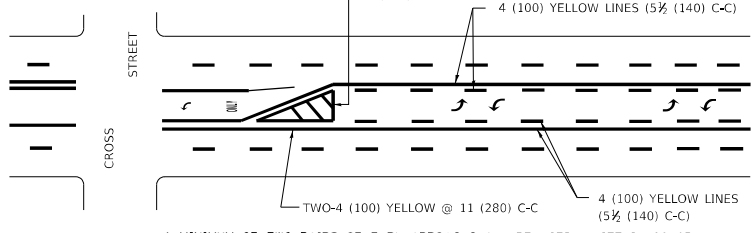
4' (1.2 m) WIDE MEDIANS ONLY



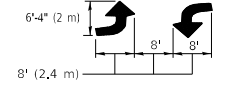
FOR MEDIAN LENGTHS WHERE DIAGONAL SPACING CANNOT BE ATTAINED, USE 5 (FIVE) EQUALLY SPACED DIAGONAL LINES.

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

MEDIANS OVER 4' (1.2 m) WIDE

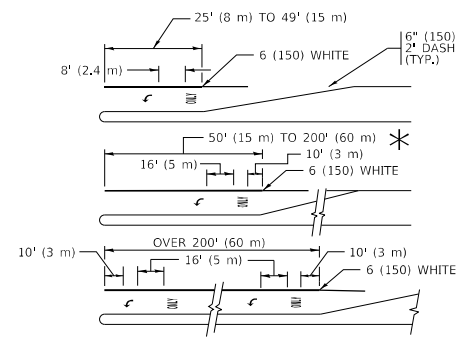


A MINIMUM OF TWO PAIRS OF TURN ARROWS SHALL BE USED, WHITE IN COLOR. ADDITIONAL PAIRS SHALL BE PLACED AT 200' (60 m) TO 300' (90 m) INTERVALS.



MEDIAN WITH TWO-WAY LEFT TURN LANE

TYPICAL PAINTED MEDIAN MARKING

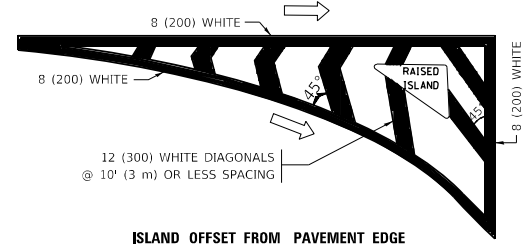


FULL SIZE LETTERS 8' (2.4 m) AND ARROWS SHALL BE USED.
AREA = 15.6 SQ. FT. (1.5 m²) ONLY AREA = 20.8 SQ. FT. (1.9 m²)

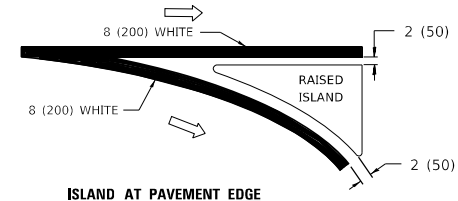
* TURN LANES IN EXCESS OF 400' (120 m) IN LENGTH MAY HAVE AN ADDITIONAL SET OF ARROW - "ONLY" INSTALLED MIDWAY BETWEEN THE OTHER TWO SETS OF ARROW - "ONLY".

TYPICAL LEFT (OR RIGHT) TURN LANE

TYPICAL TURN LANE MARKING

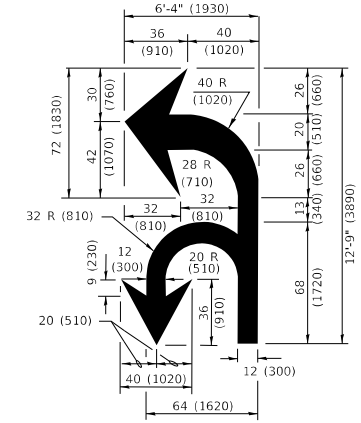


ISLAND OFFSET FROM PAVEMENT EDGE

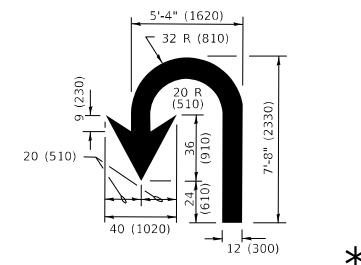


ISLAND AT PAVEMENT EDGE

TYPICAL ISLAND MARKING



COMBINATION LEFT AND U-TURN



U-TURN

LANE REDUCTION TRANSITION

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

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

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

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

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

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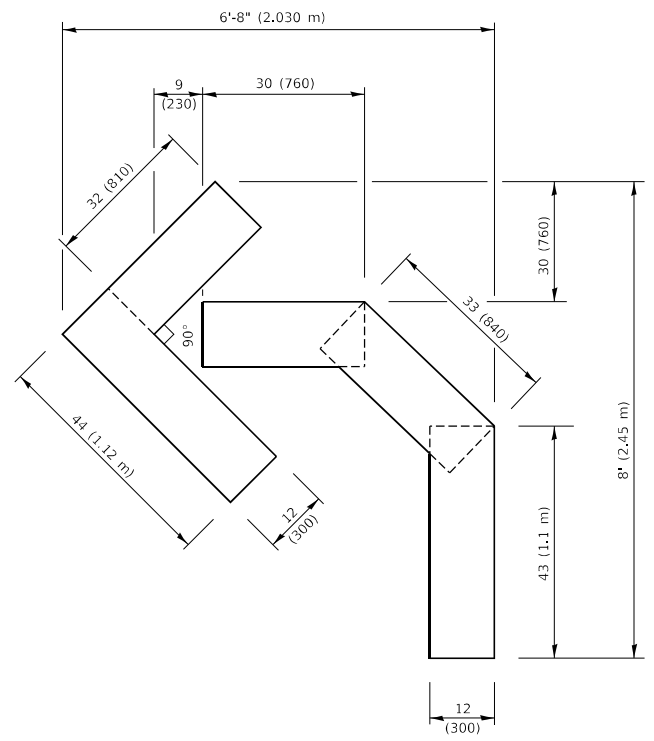
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

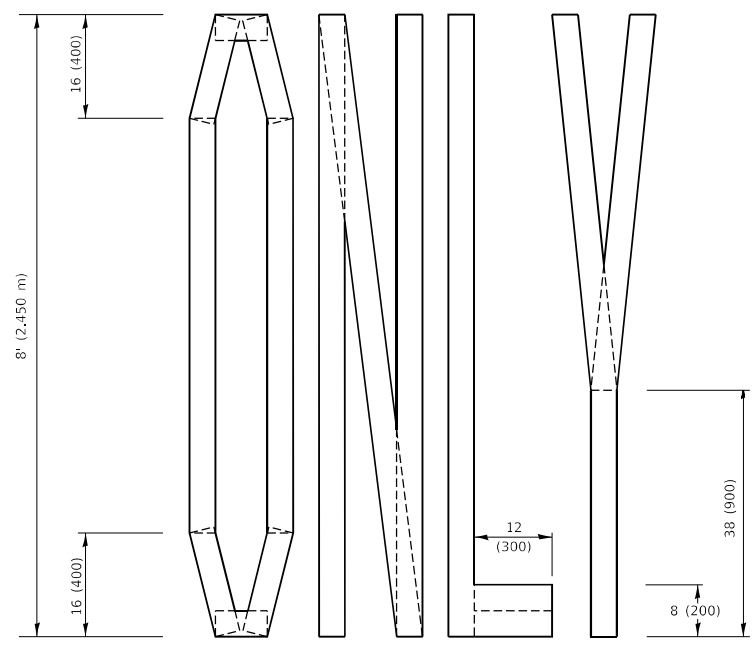
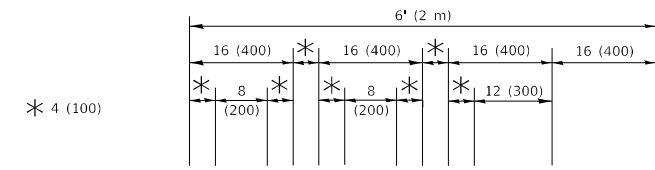
**DISTRICT ONE
TYPICAL PAVEMENT MARKINGS**

SCALE: NONE SHEET 1 OF 2 SHEETS STA. TO STA.

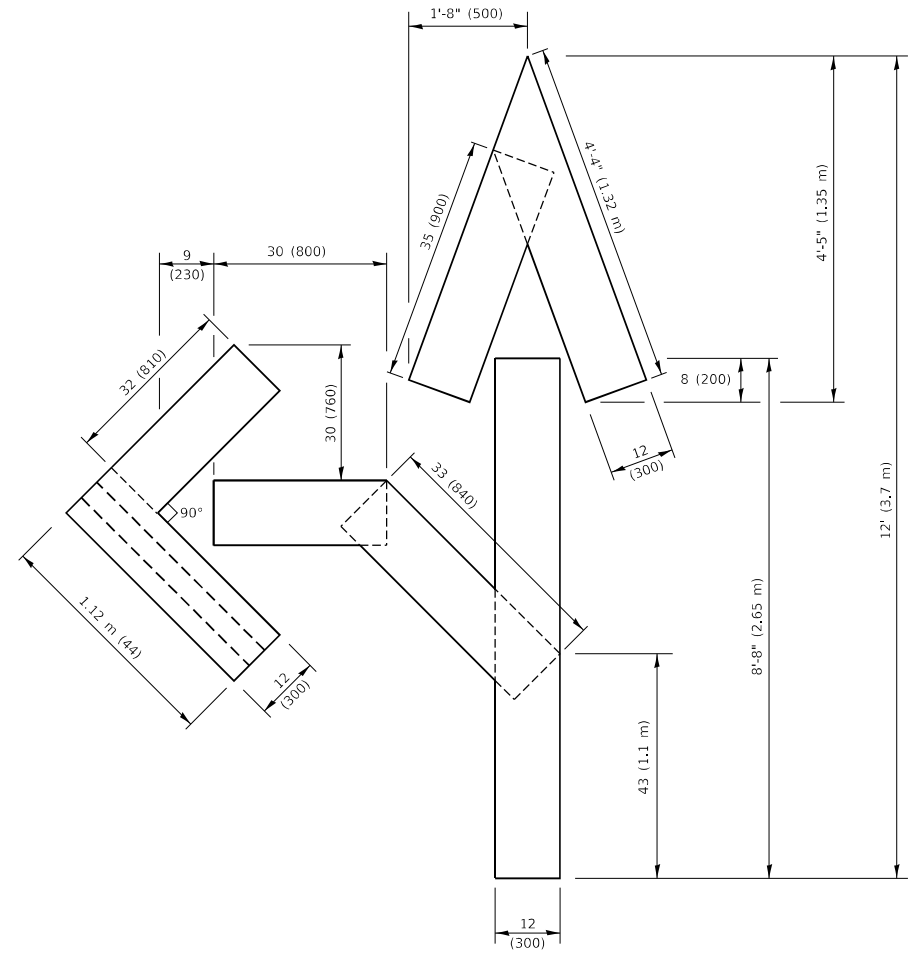
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
332	2021-057-N	WILL	110	96
TC-13		CONTRACT NO. 62N88		
		ILLINOIS	FED. AID PROJECT	



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

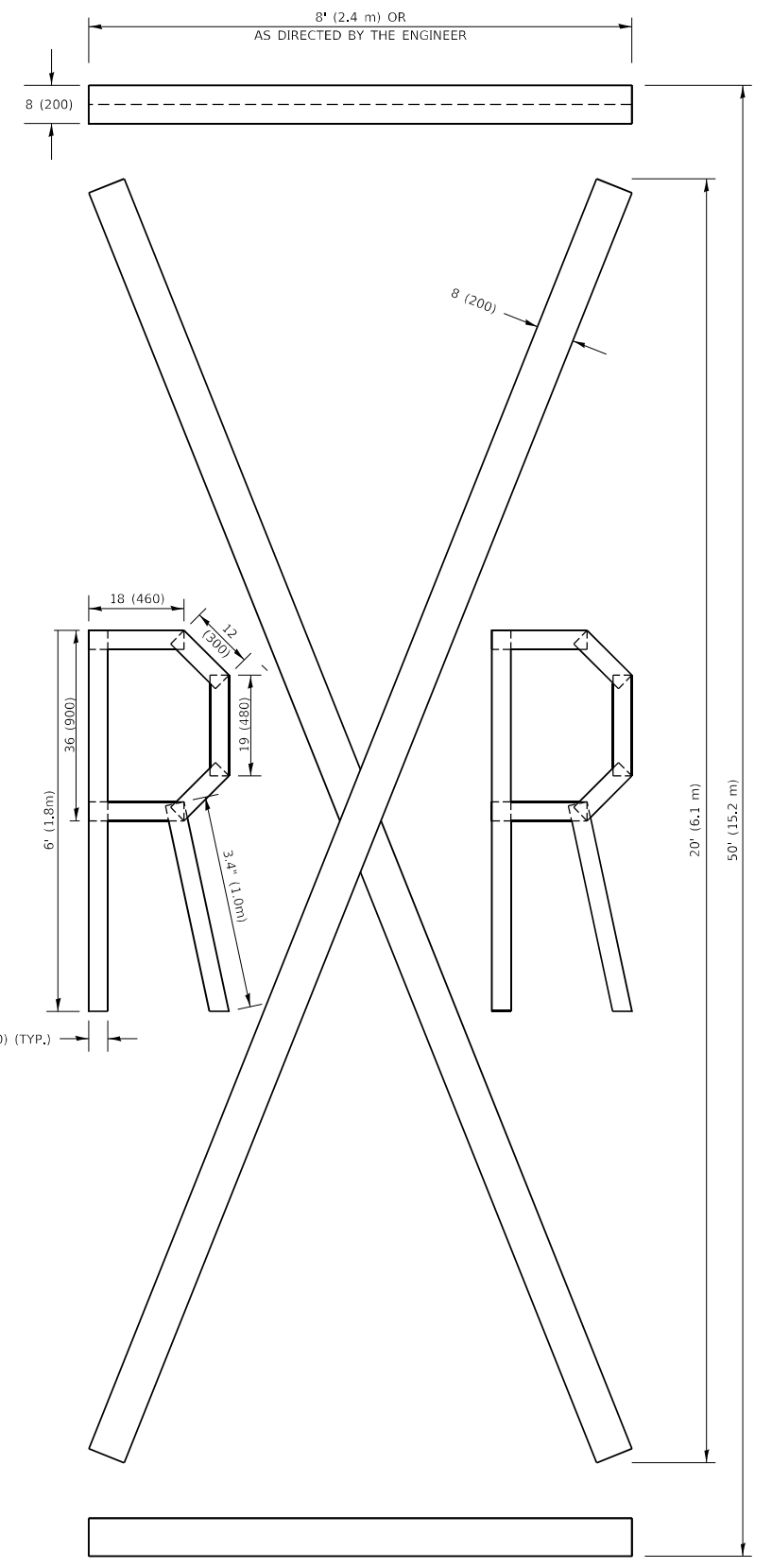


QUANTITY
 4 (100) LINE = 64.1 ft. (19.5 m)
 21.4 sq. ft. (1.99 sq. m)



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

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



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

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

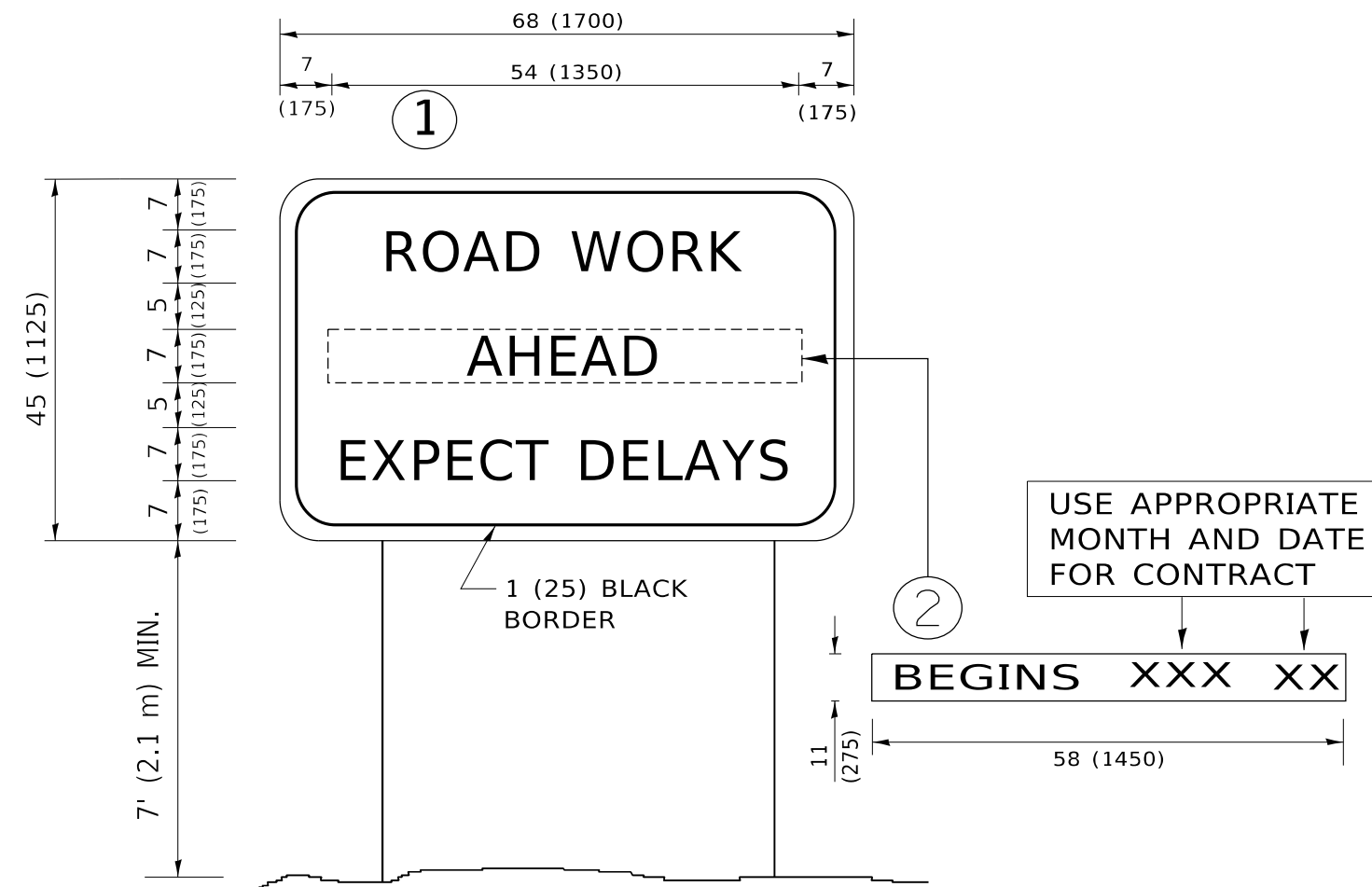
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PLOT DATE = 3/4/2019	CHECKED -	REVISED - E. GOMEZ 08-28-00
	DATE - 09-18-94	REVISED - A. SCHUETZE 09-15-16

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

SHORT TERM PAVEMENT MARKING LETTERS AND SYMBOLS
 SCALE: NONE SHEET 1 OF 1 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
332	2021-057-N	WILL	110	97
TC-16		CONTRACT NO. 62N88		
ILLINOIS FED. AID PROJECT				



NOTES:

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

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

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PLOT DATE = 3/4/2019	DATE -	REVISED - C. JUCIUS 01-31-07

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**ARTERIAL ROAD
INFORMATION SIGN**

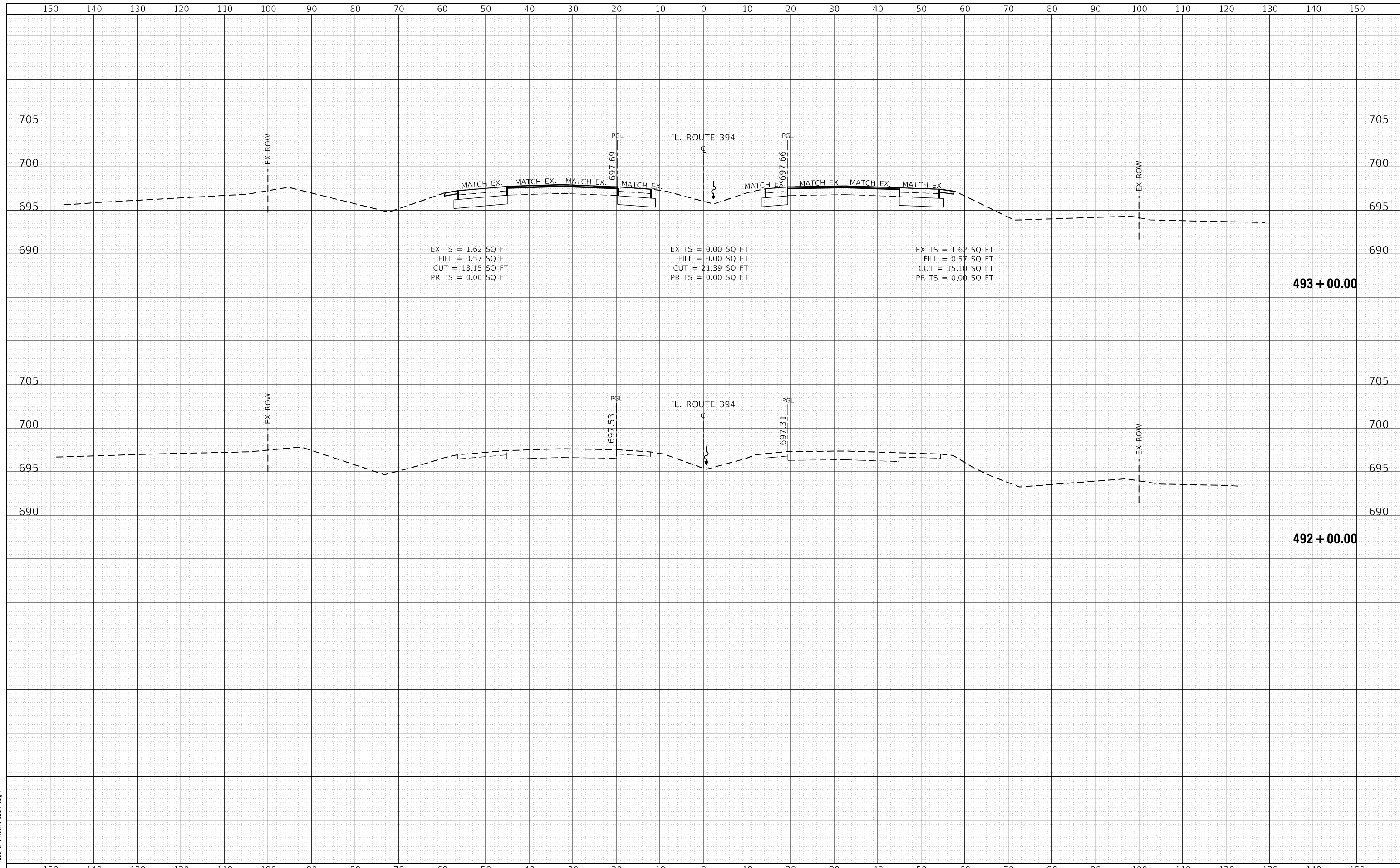
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
332	2021-057-N	WILL	110	98
TC-22			CONTRACT NO. 62N88	
ILLINOIS FED. AID PROJECT				

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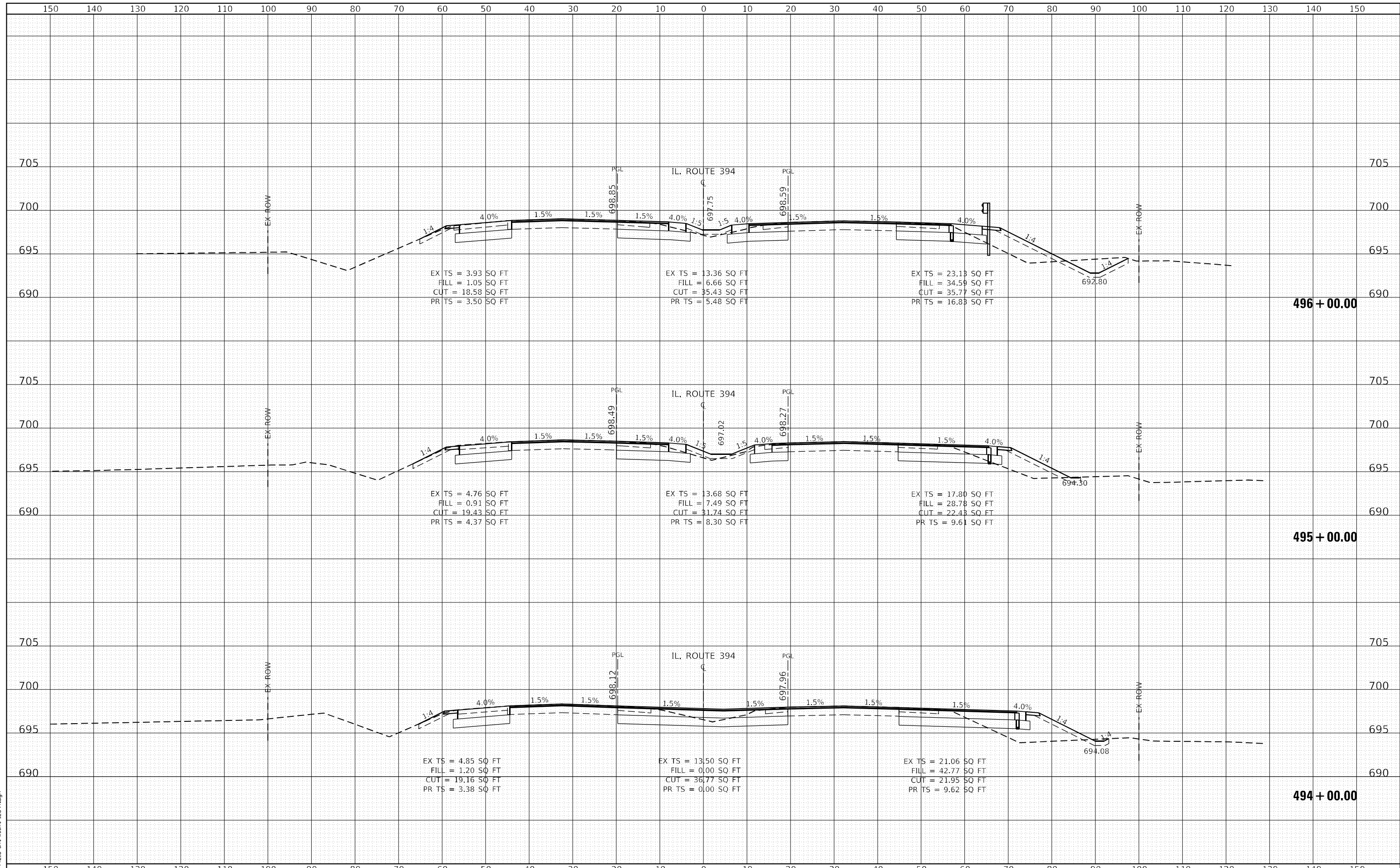


 LIN ENGINEERING, LTD. Consulting Engineers Westmont, Illinois	USER NAME = jkehn DESIGNED - JK DRAWN - JK CHECKED - ST DATE - 3/17/2023	REVISED - REVISED - REVISED - REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	IL RTE 394 AT BURVILLE RD CROSS SECTIONS		F.A.P. RTE. 332 SECTION 2021-057-N COUNTY WILL CONTRACT NO. 62N88	TOTAL SHEETS 110 SHEET NO. 99
	PLOT SCALE = 20.0000' / in. PLOT DATE = 3/27/2023	DATE - 3/17/2023		SCALE: 1"=10'H, 5"V SHEET 1 OF 9 SHEETS STA. 491+00.00 TO STA. 493+00.00	ILLINOIS FED. AID PROJECT		

DATE	
BY	
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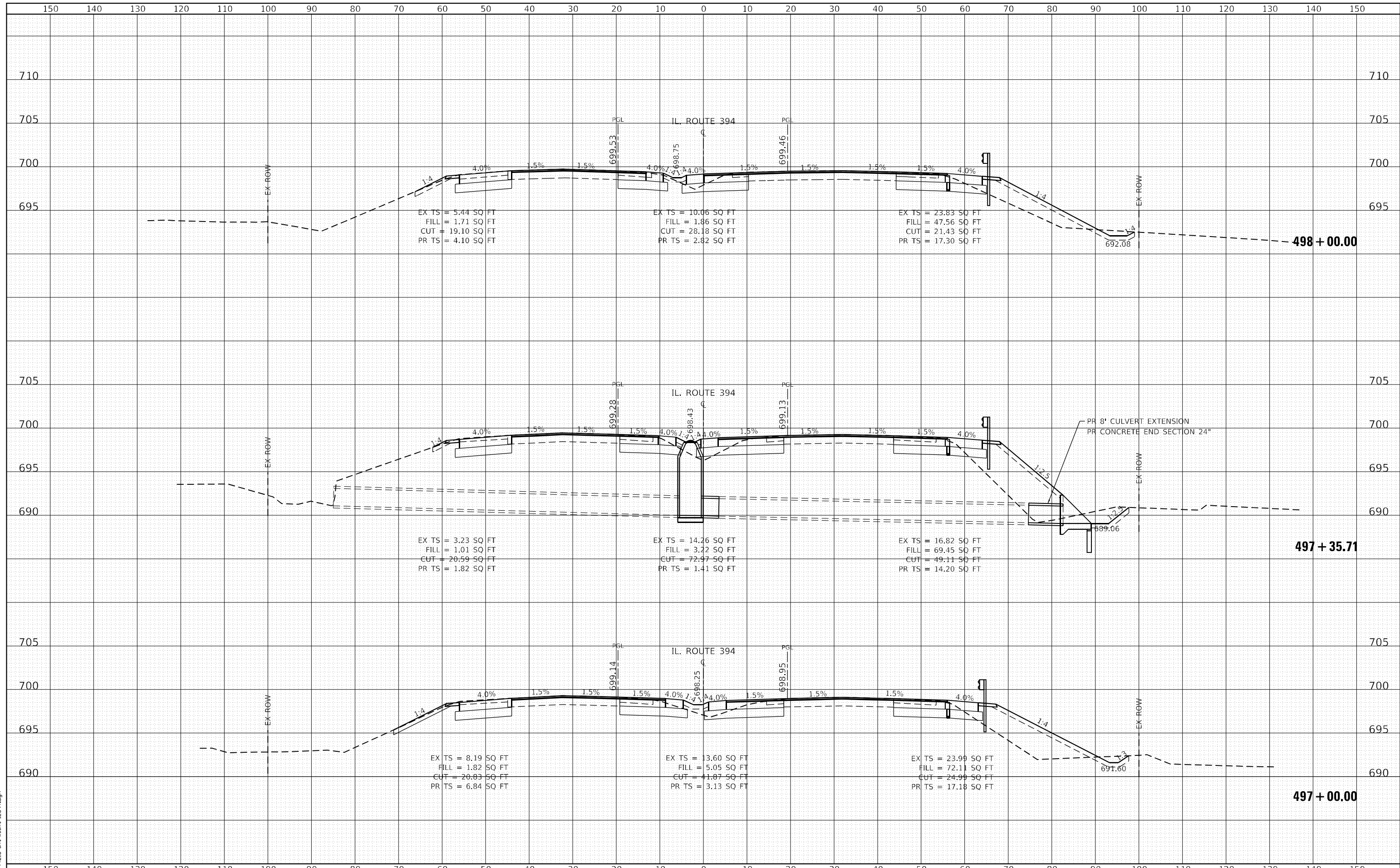
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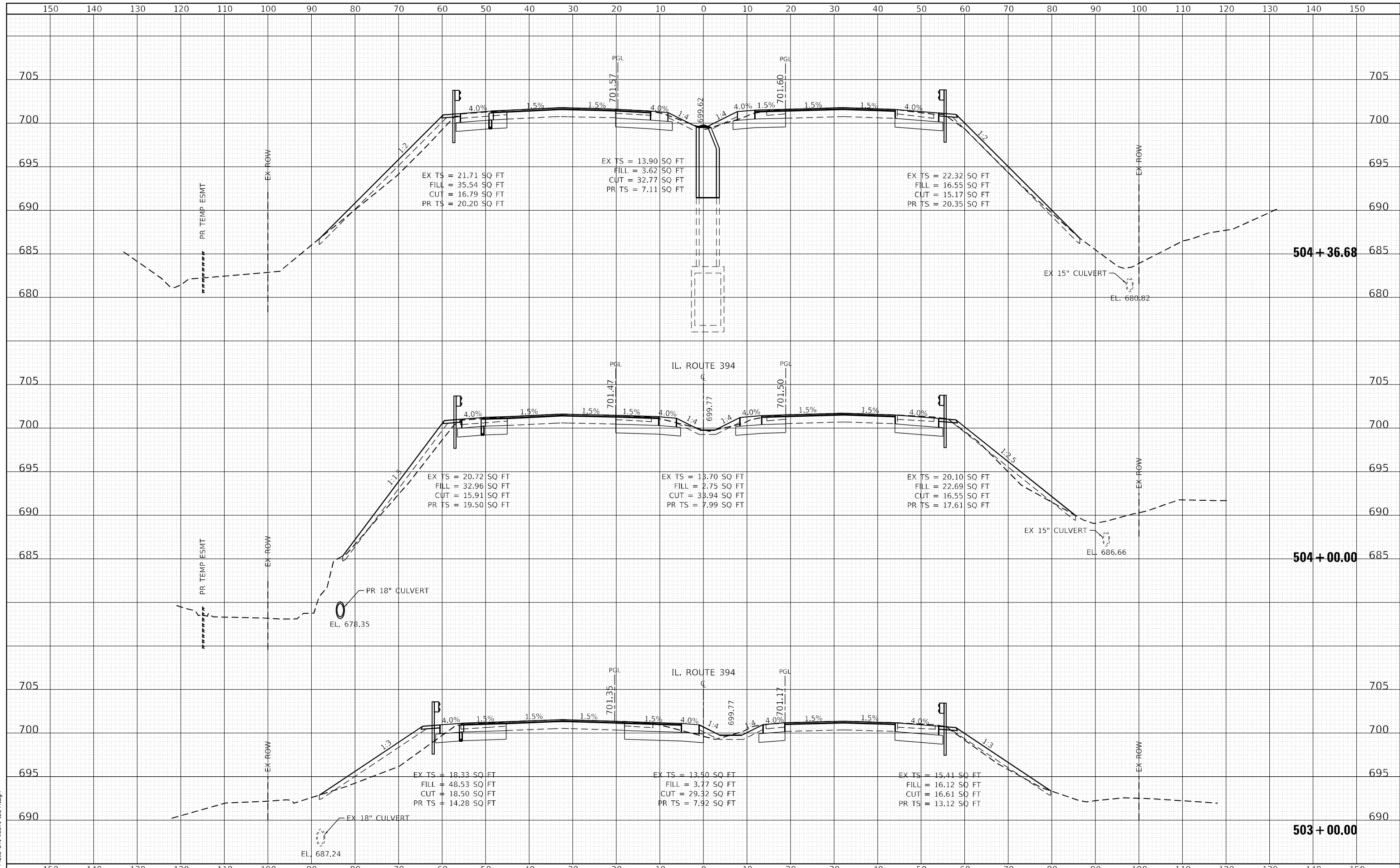
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USER NAME = jkehn	DESIGNED - JK	REVISED -
PLOT SCALE = 20.0000' / in.	DRAWN - JK	REVISED -
PLOT DATE = 3/27/2023	CHECKED - ST	REVISED -
	DATE - 3/17/2023	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**IL RTE 394 AT BURVILLE RD
CROSS SECTIONS**

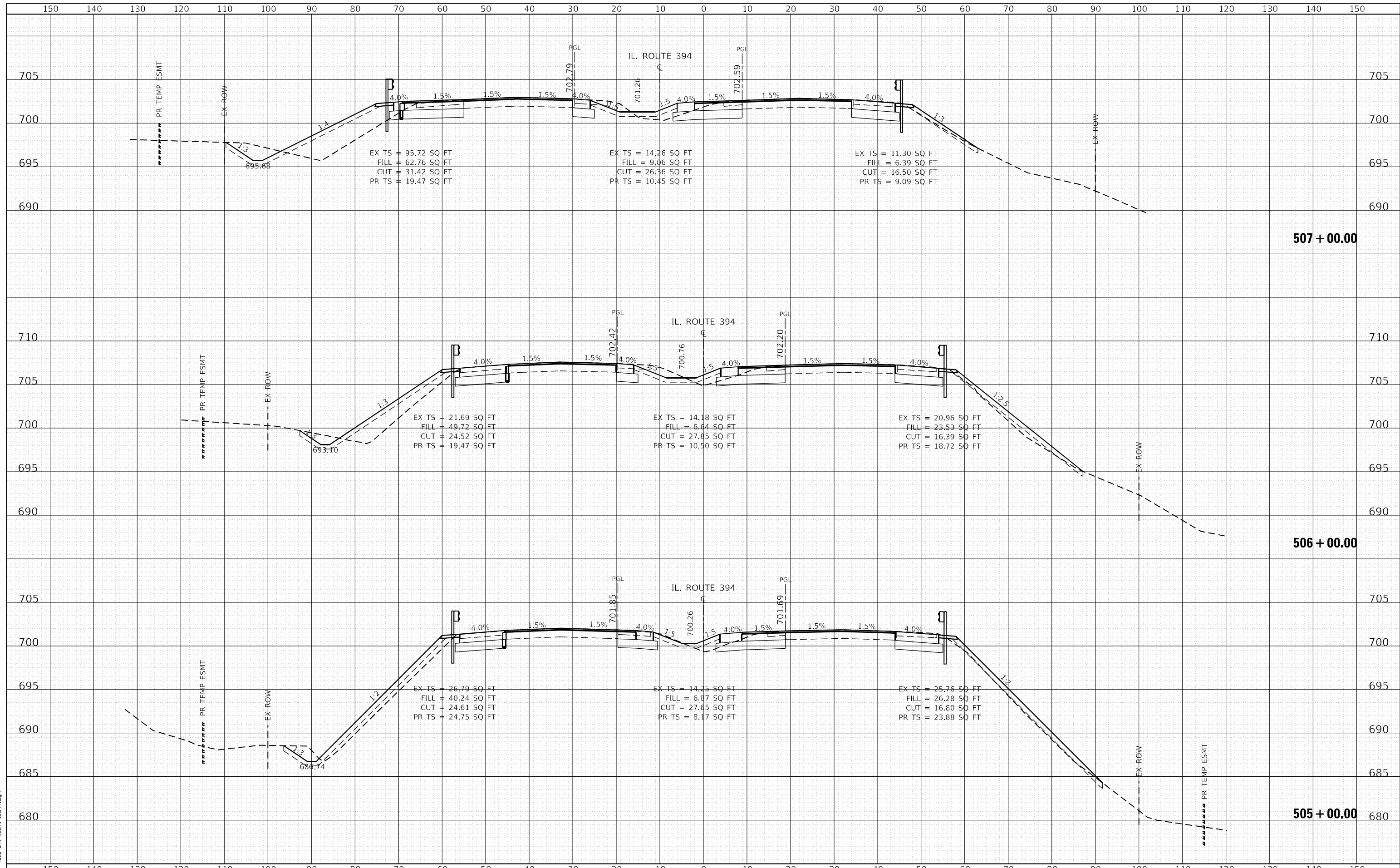
SCALE: 1"=10'H, 5"V SHEET 5 OF 9 SHEETS STA. 503+00.00 TO STA. 504+00.00

F.A.P. RTE. 332	SECTION 2021-057-N	COUNTY WILL	TOTAL SHEETS 110	SHEET NO. 103
			CONTRACT NO. 62N88	
ILLINOIS FED. AID PROJECT				

DATE	
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NOTE BOOK	
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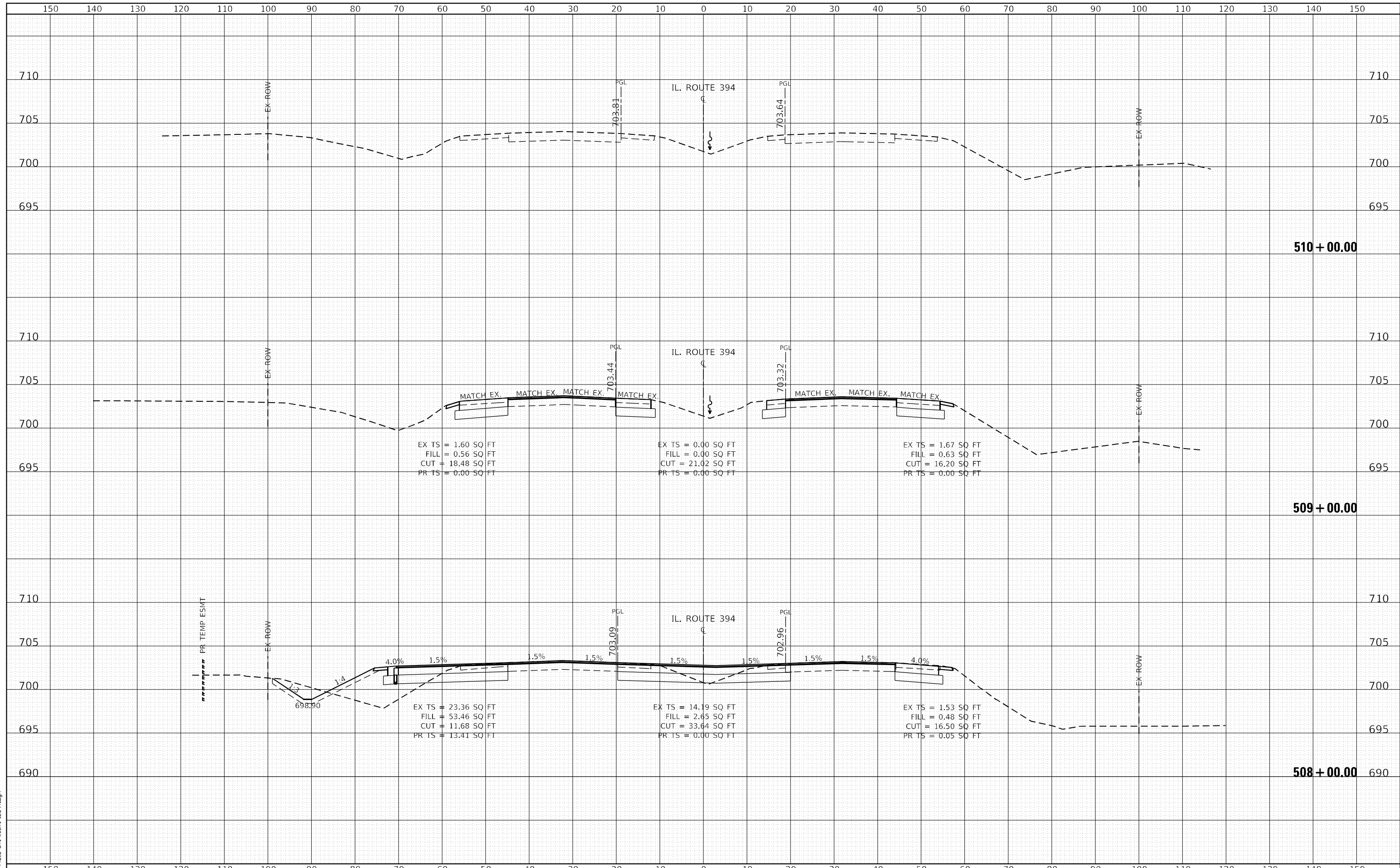
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AREAS CHECKED	

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NOTE BOOK	
AREAS CHECKED	

FILE NAME = P:\4216-shr-kash-IL394.dgn



LIN ENGINEERING, LTD.
Consulting Engineers
Westmont, Illinois

USER NAME = j_kehr	DESIGNED - JK	REVISD -
	DRAWN - JK	REVISD -
PLOT SCALE = 20.0000' / in.	CHECKED - ST	REVISD -
PLOT DATE = 3/27/2023	DATE - 3/17/2023	REVISD -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**IL RTE 394 AT BURVILLE RD
CROSS SECTIONS**

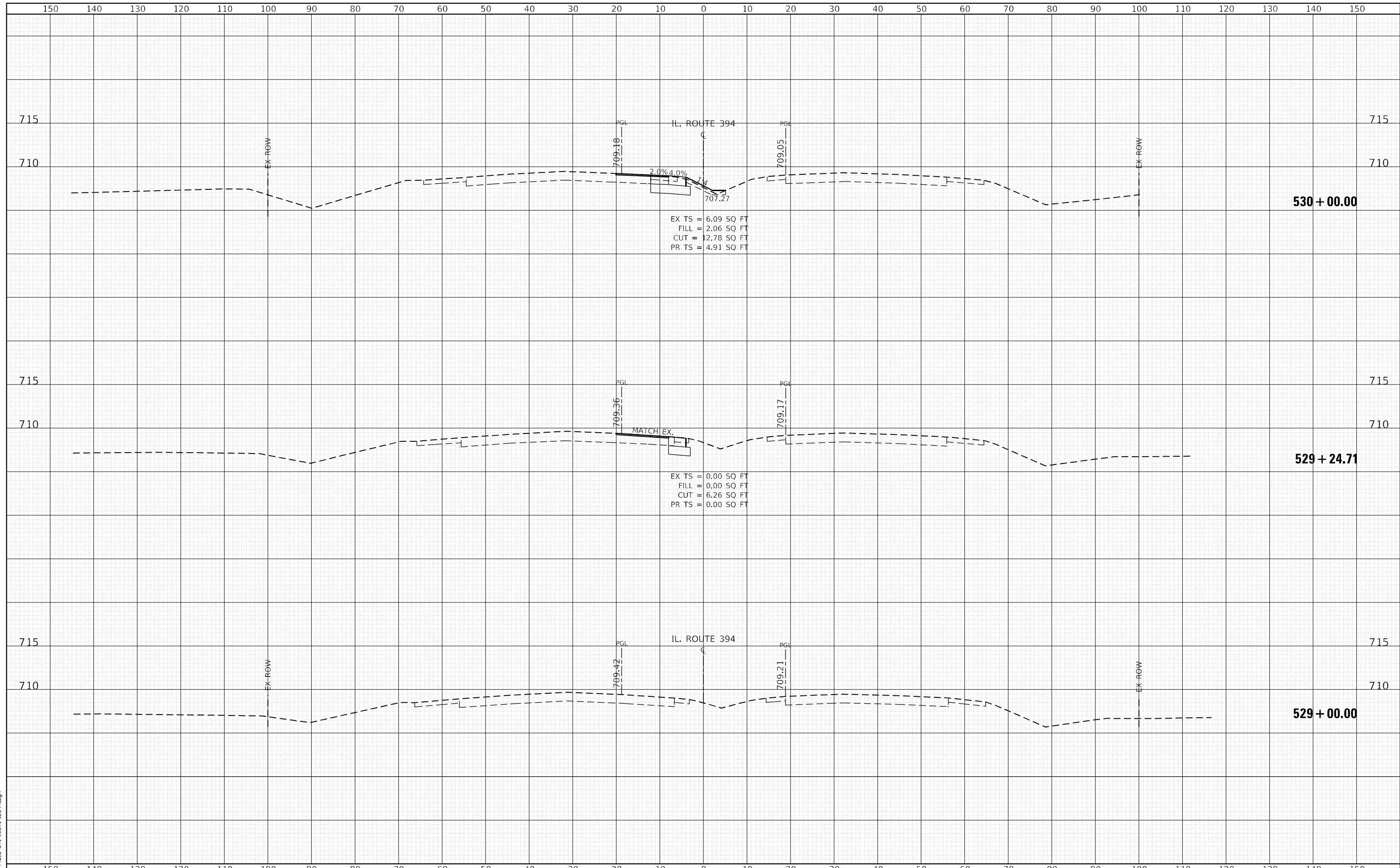
SCALE: 1"=10'H, 5"V SHEET 7 OF 9 SHEETS STA. 507+00.00 TO STA. 508+62.00

F.A.P. RTE. 332	SECTION 2021-057-N	COUNTY WILL	TOTAL SHEETS 110	SHEET NO. 105
			CONTRACT NO. 62N88	
ILLINOIS FED. AID PROJECT				

DATE	
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FILE NAME = P:\4216-shr-kash-IL394.dgn



LIN ENGINEERING, LTD.
 Consulting Engineers
 Westmont, Illinois

USER NAME = jkehn	DESIGNED - JK	REVISED -
	DRAWN - JK	REVISED -
PLOT SCALE = 20.0000' / in.	CHECKED - ST	REVISED -
PLOT DATE = 3/27/2023	DATE - 3/17/2023	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**IL RTE 394 AT BURVILLE RD
 CROSS SECTIONS**

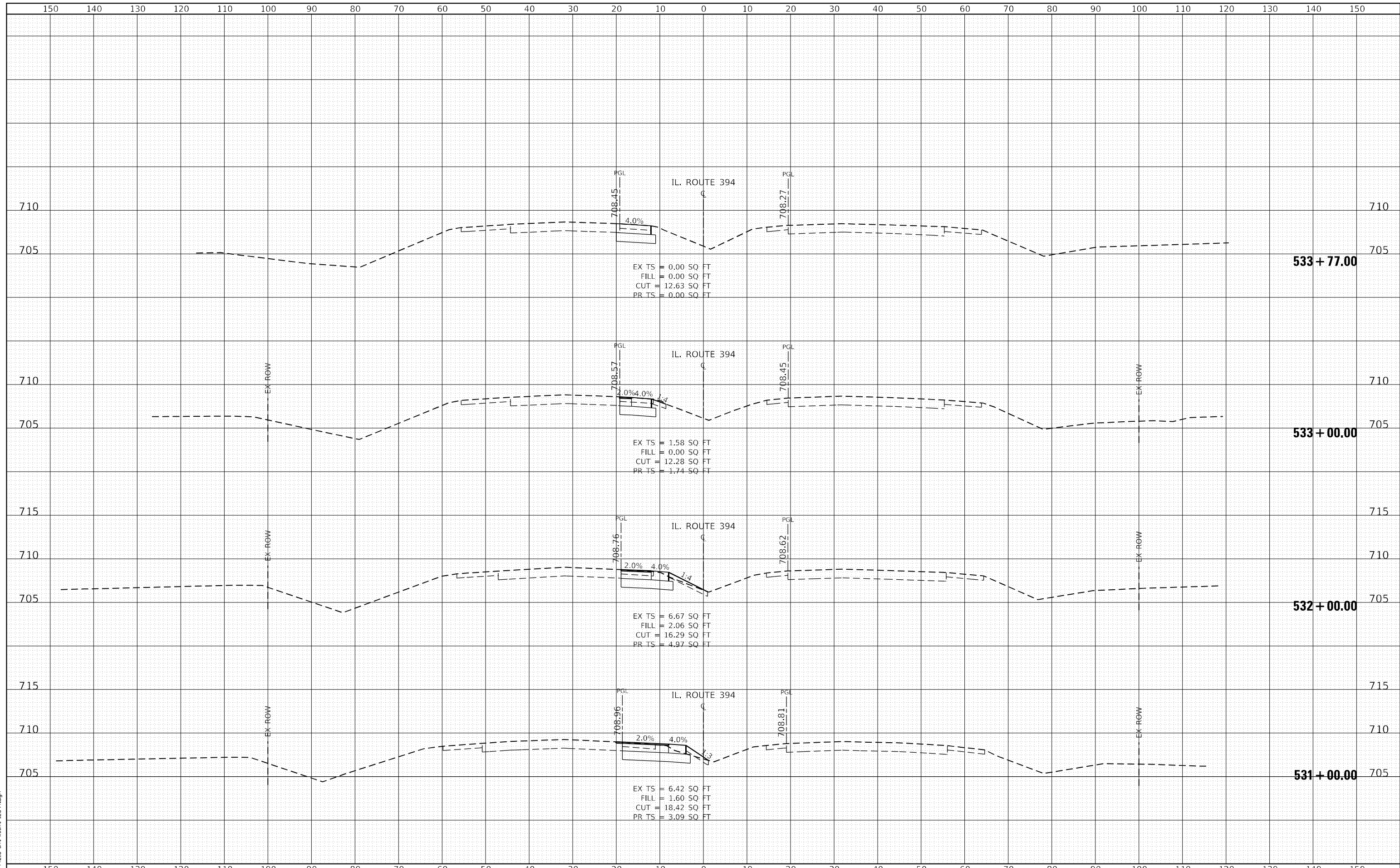
SCALE: 1"=10'H, 5'V SHEET 8 OF 9 SHEETS STA. 528+00.00 TO STA. 530+00.00

F.A.P. RTE. 332	SECTION 2021-057-N	COUNTY WILL	TOTAL SHEETS 110	SHEET NO. 106
ILLINOIS FED. AID PROJECT			CONTRACT NO. 62N88	

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LIN ENGINEERING, LTD.
Consulting Engineers
Westmont, Illinois

USER NAME = jkehn	DESIGNED - JK	REVISIED -
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PLOT SCALE = 20.0000' / in.	CHECKED - ST	REVISIED -
PLOT DATE = 3/27/2023	DATE - 3/17/2023	REVISIED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

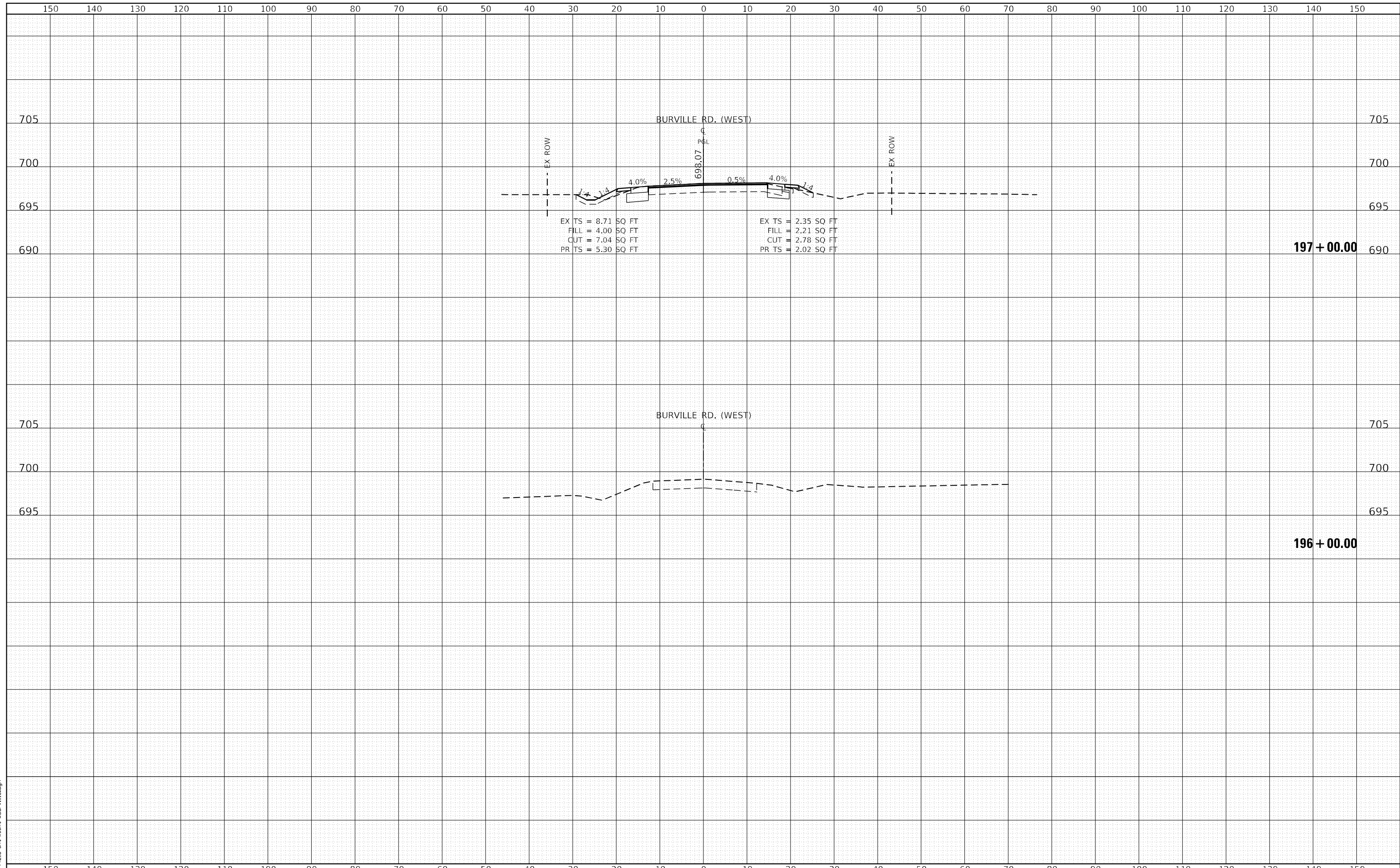
**IL RTE 394 AT BURVILLE RD
CROSS SECTIONS**

SCALE: 1"=10'H, 5"V SHEET 9 OF 9 SHEETS STA. 531+00.00 TO STA. 533+77.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
332	2021-057-N	WILL	110	107
				CONTRACT NO. 62N88
ILLINOIS FED. AID PROJECT				

DATE	
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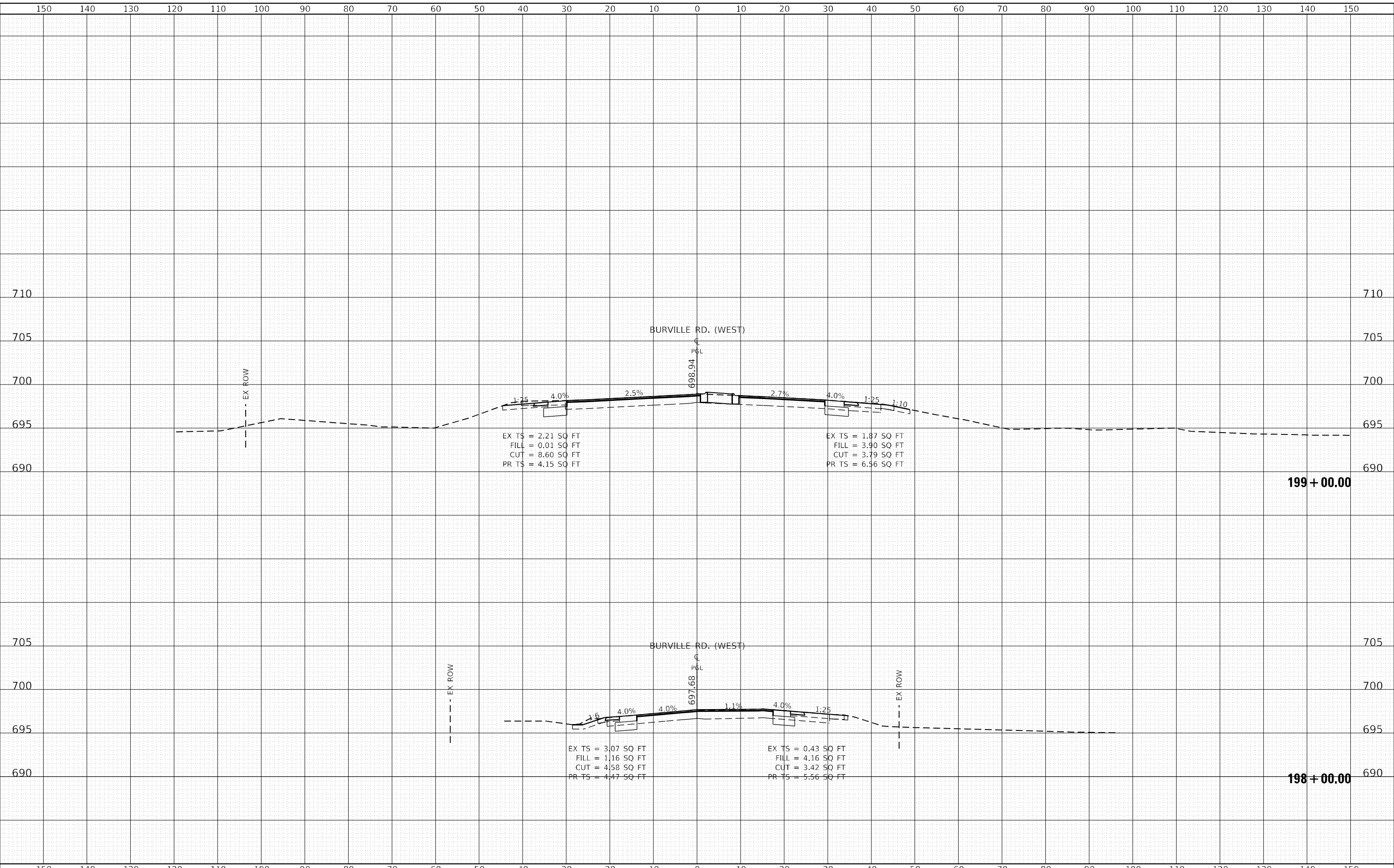
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LIN ENGINEERING, LTD. Consulting Engineers Westmont, Illinois	USER NAME = jkehn DESIGNED - JK DRAWN - JK CHECKED - ST DATE - 3/17/2023	REVISED - REVISED - REVISED - REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	IL RTE 394 AT BURVILLE RD CROSS SECTIONS	SCALE: 1"=10'H, 5"V SHEET 1 OF 3 SHEETS STA. 195+00.00 TO STA. 197+00.00	F.A.P. RTE. 332 SECTION 2021-057-N COUNTY WILL CONTRACT NO. 62N88	TOTAL SHEETS 110 SHEET NO. 108
	ILLINOIS FED. AID PROJECT						

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FINAL SURVEY	
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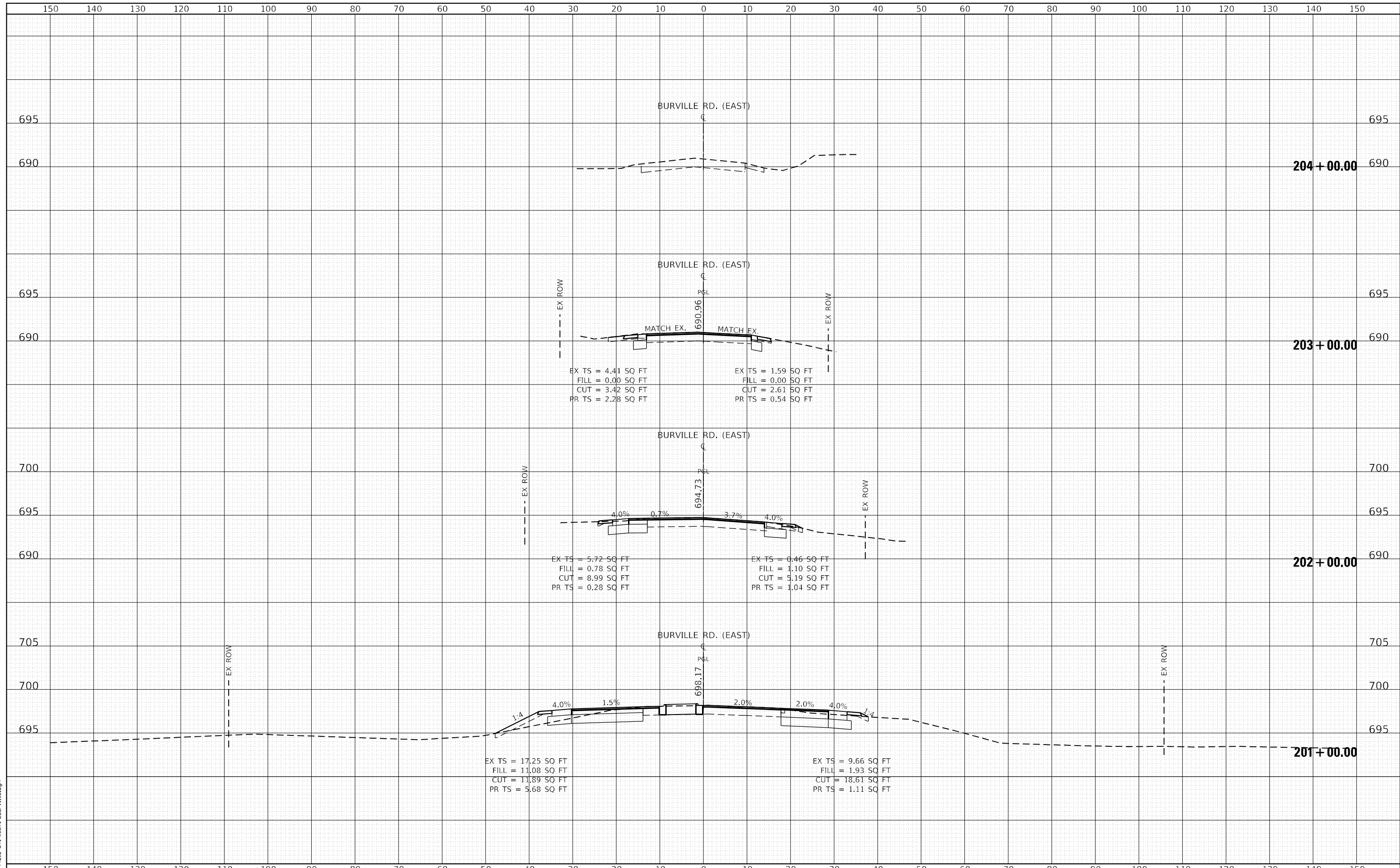


 LIN ENGINEERING, LTD. Consulting Engineers Westmont, Illinois	USER NAME = jkehn DESIGNED - JK DRAWN - JK CHECKED - ST DATE - 3/17/2023	REVISIONS REVISION NO. DATE BY DESCRIPTION 1 2 3 4	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	IL RTE 394 AT BURVILLE RD CROSS SECTIONS	SCALE: 1"=10'H, 5'V SHEET 2 OF 3 SHEETS STA. 198+00.00 TO STA. 199+00.00	F.A.P. RTE. 332 SECTION 2021-057-N COUNTY WILL CONTRACT NO. 62N88	TOTAL SHEETS 110 SHEET NO. 109
	ILLINOIS FED. AID PROJECT						

DATE	
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FINISHED SURVEY	
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NOTE BOOK	
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FILE NAME = P:\4216-shr-xasht-EBurville.dgn



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Consulting Engineers
Westmont, Illinois

USER NAME = jkehn	DESIGNED - JK	REVISIED -
	DRAWN - JK	REVISIED -
PLOT SCALE = 20.0000' / in.	CHECKED - ST	REVISIED -
PLOT DATE = 3/27/2023	DATE - 3/17/2023	REVISIED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**IL RTE 394 AT BURVILLE RD
CROSS SECTIONS**

SCALE: 1"=10'H, 5"V SHEET 3 OF 3 SHEETS STA. 201+00.00 TO STA. 204+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
332	2021-057-N	WILL	110	110
			CONTRACT NO. 62N88	
ILLINOIS FED. AID PROJECT				