

FOR INDEX OF SHEETS, SEE SHEET NO. 2
FOR SUMMARY OF QUANTITIES, SEE SHEET NO. 4-10

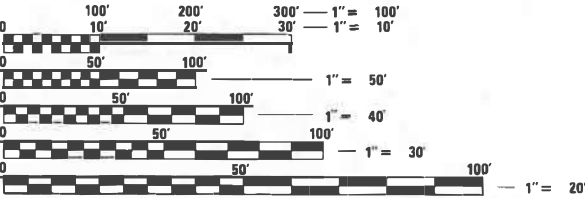
THIS PROJECT IS LOCATED IN THE CITY OF LOCKPORT,
CREST HILL AND VILLAGE OF ROMEOVILLE

TRAFFIC DATA

	TWO WAY ADT 2021/2021	SPEED DESIGN/POSTED
ILLINOIS ROUTE 53	21,100/21,100	45/45
	ADT 2021/2021	SPEED DESIGN/POSTED
ILLINOIS ROUTE 7	20,800/20,800	40/40
RENWICK RD	14,300/14,300	40/40

	WSP USA, INC. Date: FEB 12, 2024 <i>[Signature]</i> Expires: November 30, 2025 Sheet No.: 1-11, 16-18, 22-24, 30-48, 73-81	
	WSP USA, INC. Date: FEB 12, 2024 <i>[Signature]</i> Expires: November 30, 2025 Sheet No.: 49-65	
		GSG Date: FEB 12, 2024 <i>[Signature]</i> Expires: November 30, 2025 Sheet No.: 12-15, 19-21, 25-29, 66-72, 82-137

DESIGN DESIGNATION : OTHER PRINCIPAL ARTERIAL
COORDINATE SYSTEM : ILLINOIS STATE PLANE EAST ZONE -
NAD83 (1997 ADJUSTMENT)



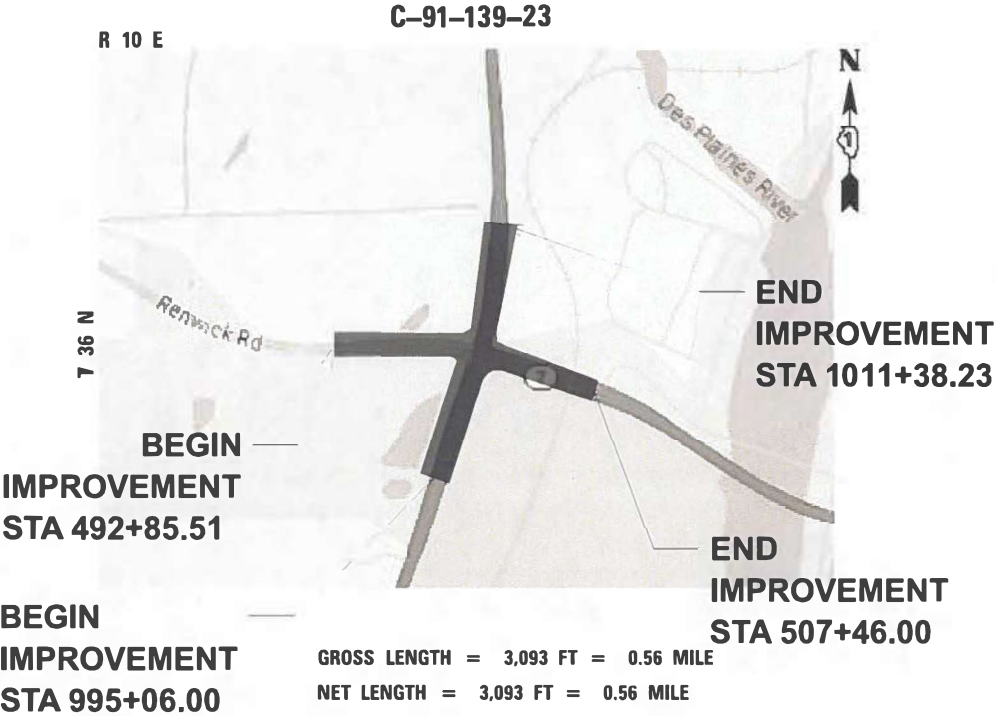
FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD
ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT
CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS
ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

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

PROJECT ENGINEER: LUKASZ POCIECHA (847) 705-4255
PROJECT MANAGER: FAWAD AQUEEL
CONTRACT NO. 62U76

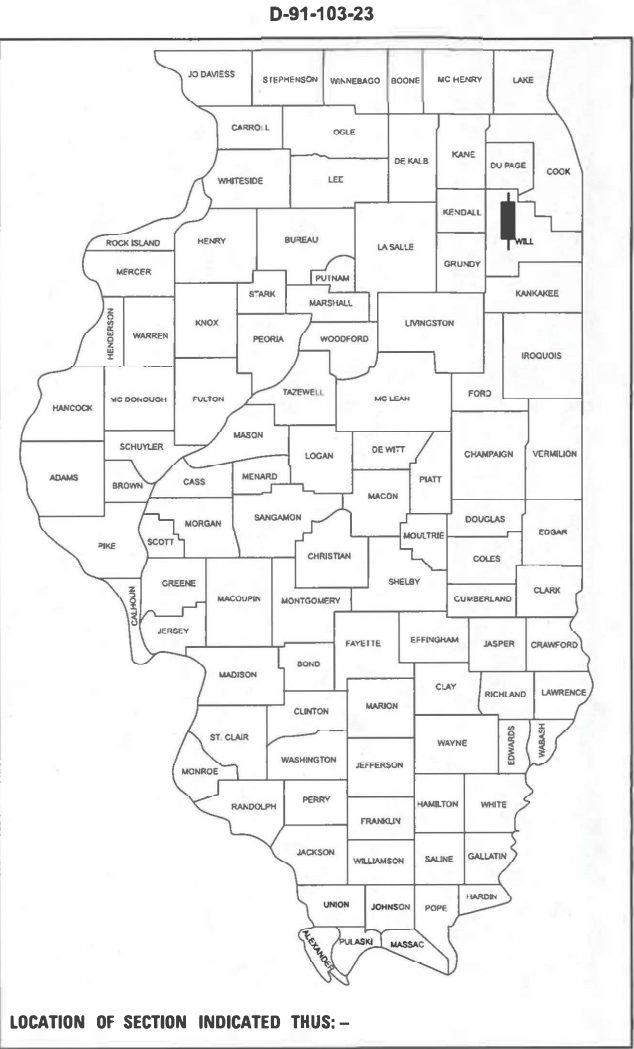
STATE OF ILLINOIS 06-14-2024 LETTING ITEM 111
DEPARTMENT OF TRANSPORTATION
PROPOSED
HIGHWAY PLANS

ROUTE FAP 351 : IL RTE 7 (RENWICK RD)
AT IL RTE 53 (INDEPENDENCE BLVD)
SECTION : 2019-047-TS
PROJECT : HSIP-HXHG(579)
TRAFFIC SIGNAL MODERNIZATION, LEFT TURN LANES
WILL COUNTY



F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAP 351	2019-047-TS	WILL	137	1
ILLINOIS			CONTRACT NO. 62U76	

* 137 + 1 = 138 TOTAL SHEETS



wsp
WSP USA Inc.
30 N. LASALLE STREET
SUITE 4200
CHICAGO, IL 60602
TEL: (312) 782-8150

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUBMITTED March 18, 2024
[Signature]
REGIONAL ENGINEER

May 10, 2024 *[Signature]*
ENGINEER OF DESIGN AND ENVIRONMENT

May 10, 2024 *[Signature]*
DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

PRINTED BY THE AUTHORITY
OF THE STATE OF ILLINOIS

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USER NAME = USHA689697	DESIGNED - ZRE	REVISED -
	DRAWN - ZRE	REVISED -
PLOT SCALE = 1:2	CHECKED - TMT	REVISED -
PLOT DATE = 2/11/2024	DATE - 07/14/2023	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

INDEX OF SHEETS AND HIGHWAY STANDARDS

SCALE:	SHEET	OF	SHEETS	STA.	TO STA.
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F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
351	2019-047-TS	WILL	137	2
CONTRACT NO. 62U76				
		ILLINOIS	FED. AID PROJECT	

GENERAL NOTES

1.

A MINIMUM OF SEVENTY-TWO (72) HOURS BEFORE STARTING EXCAVATION, THE CONTRACTOR SHALL CALL J.U.L.I.E. AT (800-892-0123) OR 811 TO HAVE THE LOCATION OF EXISTING UNDERGROUND UTILITIES MARKED IN THE FIELD.
2.

THE LOCATIONS OF PUBLIC OR PRIVATE UTILITIES SHOWN ON THE PLAN ARE APPROXIMATE AND THEIR ACCURACY IS NOT GUARANTEED. THE CONTRACTOR SHALL VERIFY THE EXACT LOCATION AND ELEVATION OF ALL UTILITIES. THE CONTRACTOR SHALL REPORT ANY ENCOUNTERED DISCREPANCIES TO THE ENGINEER AT ONCE. THE CONTRACTOR SHALL TAKE DUE CARE.
3.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL UNDERGROUND OR SURFACE UTILITIES EVEN THOUGH THEY MAY NOT BE SHOWN IN THE PLANS. ANY UTILITY THAT IS DAMAGED DURING CONSTRUCTION SHALL BE REPAIRED OR REPLACED TO THE SATISFACTION OF THE ENGINEER. THIS WORK WILL BE AT THE CONTRACTOR'S EXPENSE.
4.

IDOT FACILITIES ARE NOT LOCATED BY J.U.L.I.E. OR DIGGER. IDOT ELECTRICAL FACILITIES INCLUDING ROADWAY LIGHTING, FIBER OPTIC, ITS EQUIPMENT, TRAFFIC SIGNAL FACILITIES ARE LOCATED BY THE DEPARTMENT'S ELECTRICAL MAINTENANCE CONTRACTOR. AS OF THE LETTING DATE, CONTACT MEADE ELECTRICAL COMPANY AT 773-287-7672.
5.

IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY ALL DIMENSIONS AND CONDITIONS EXISTING IN THE FIELD PRIOR TO CONSTRUCTION AND ORDERING OF MATERIALS.
6.

THE CONTRACTOR WILL NOT BE ALLOWED TO SET UP A YARD OR FIELD OFFICE ON STATE PROPERTY WITHOUT WRITTEN PERMISSION FROM THE DEPARTMENT.
7.

ALL ELEVATIONS IN THE PLANS ARE BASED UPON THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88), UNLESS OTHERWISE NOTED. HORIZONTAL DATUM IS REFERENCED TO ILLINOIS STATE PLAN COORDINATE SYSTEM, EAST ZONE, NAD83 (2011) UNLESS OTHERWISE NOTED.
8.

THE PAVEMENT ELEVATIONS SHOWN ON THE PLANS ARE FINISHED GRADES OR SURFACE COURSE, UNLESS OTHERWISE INDICATED.
9.

THE SUBGRADE STABILITY SHALL BE VERIFIED BY PROOF ROLLING WITH A FULLY LOADED TANDEM-AXLE TRUCK.
10.

ANY AGGREGATE SUBGRADE IMPROVEMENT CONTAMINATED AND/OR DAMAGED BY THE CONTRACTOR'S VEHICLES AND/OR EQUIPMENT IS TO BE REMOVED AND REPLACED AS DIRECTED BY THE ENGINEER AT THE CONTRACTOR'S EXPENSE.
11.

TEN (10) FOOT TRANSITIONS SHALL BE USED TO MATCH PROPOSED CURB AND GUTTER AND MEDIAN ITEMS OF WORK TO EXISTING CURBS AND GUTTER AND MEDIANS IN THE FIELD, UNLESS OTHERWISE SHOWN.
12.

THE CONTRACTOR SHALL BE REQUIRED TO KEEP A RECORD OF THE LOCATIONS OF PLATED STRUCTURES BY STATION AND OFFSET LEFT OR RIGHT OF THE CENTERLINE OF PAVEMENT.
13.

THE CONTRACTOR SHALL BE REQUIRED TO KEEP A RECORD OF THE LOCATIONS OF THE BURIED STRUCTURES ACCORDING TO THE STATION AND DISTANCE LEFT OR RIGHT OF THE CENTERLINE OF PAVEMENT. UPON COMPLETION OF THE WORK, THE CONTRACTOR SHALL DELIVER THE RECORD TO THE ENGINEER.
14.

EXISTING BROKEN FRAMES AND LIDS SHALL BE REMOVED AND DISPOSED OF BY THE CONTRACTOR AND SHALL BE REPLACED AS DIRECTED BY THE ENGINEER. REPLACEMENT FRAMES AND LIDS WILL BE PAID FOR ACCORDING TO ARTICLE 109.04 OF THE STANDARD SPECIFICATIONS UNLESS A SEPARATE PAY ITEM HAS BEEN PROVIDED.
15.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE NOTIFICATION OF ALL EMERGENCY SERVICES, SCHOOL DISTRICTS, I.D.O.T.'S COMMUNICATIONS CENTER, SPRINGFIELD TRUCK PERMIT SECTION AND OTHER AGENCIES AFFECTED BY THE CLOSURE. THE CONTRACTOR SHALL ALSO BE RESPONSIBLE FOR POSTING SIGNS THAT WILL INDICATE THE DATES THE CLOSURE WILL BE IN PLACE.
16.

ALL PAVEMENT PATCHING LOCATIONS WILL BE DETERMINED IN THE FIELD BY THE ENGINEER.
17.

FRAMES AND GRATES ADJUSTMENT OF PRIVATE UTILITIES WITHIN THE LIMITS OF THE IMPROVEMENTS SHALL BE DONE BY THEIR RESPECTIVE OWNERS AND ARE NOT PART OF THIS CONTRACT.
18.

THE CONTRACTOR SHALL CONTACT THE DISTRICT ONE TRAFFIC CONTROL SUPERVISOR AT (847)705-4151 (FOR EXPRESSWAYS) AND (847)705-4470 (FOR ARTERIALS) A MINIMUM OF 72 HOURS IN ADVANCE OF BEGINNING WORK.
19.

THE CONTRACTOR WILL NOT BE ALLOWED TO PROCEED WITH ANY PLANTING WORK UNTIL ALL UTILITY OWNERS FIELD LOCATE THEIR FACILITIES WHICH MAY INTERFERE WITH CONSTRUCTION OPERATIONS.
20.

THE ACTUAL LOCATION OF PROPOSED LANDSCAPING WILL BE ADJUSTED IN THE FIELD TO AVOID UTILITIES.
21.

ALL ROADWAY WIDTHS AND RADII SHOWN ON THE PLANS ARE TO THE EDGE OF PAVEMENT UNLESS OTHERWISE NOTED.

22.

THE THICKNESS OF THE HOT-MIX ASPHALT MIXTURE 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 HOT-MIX ASPHALT MIXTURE IS PLACED.
23.

THE DEPARTMENT HAS NOT OBTAINED ANY PERMITS FOR OFFSITE BORROW, WASTE, USE (BWU) AREAS PRIOR TO WORKING IN BWU AREAS, IF THE CONTRACTOR CHOOSES TO USE ACTIVITIES REQUIRING PERMITS IT IS THE CONTRACTOR'S RESPONSIBILITY TO SECURE THE PROPER PERMITS. IN ADDITION TO THE BORROW REVIEW (BDE 2289) AND USE/WASTE REVIEW (BDE 2290) SUBMITTALS, THE CONTRACTOR SHALL SUBMIT AN EROSION AND SEDIMENT CONTROL (ESC) PLAN FOR EVERY BWU SITE TO THE DEPARTMENT FOR ACCEPTANCE. GUIDELINES FOR ACCEPTABLE BWU PRACTICES CAN BE FOUND IN SECTION II.G.1 AND 2 OF THE SWPPP. THE COST OF ALL MATERIALS AND LABOR NECESSARY TO COMPLY WITH THE ABOVE PROVISIONS TO PREPARE AND IMPLEMENT ESC PLANS 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.
24.

CONTRACTOR SHALL NOT SCALE DIMENSIONS FROM THE CONTRACT PLANS FOR CONSTRUCTION PURPOSES.
25.

AGGREGATE SUBGRADE IMPROVEMENT SHALL BE USED TO REPLACE ANY UNSUITABLE SOILS BELOW THE BOTTOM OF THE IMPROVED SUBGRADE LAYER THAT ARE ENCOUNTERED IN THE FIELD DURING CONSTRUCTION. THE NEED FOR REMOVAL AND REPLACEMENT SHALL BE DETERMINED BY THE GEOTECHNICAL ENGINEER OR SOILS INSPECTOR. ALL POTENTIALLY UNSTABLE SOILS SHALL BE TESTED WITH A CONE PENETROMETER AND TREATED IN ACCORDANCE WITH ARTICLE 301.04 OF THE SSRBC AND THE UNDERCUT GUIDELINES IN THE IDOT SUBGRADE STABILITY MANUAL. ANY MATERIAL NOT NEEDED FOR UNDERCUT REPLACEMENT AT THE TIME OF CONSTRUCTION SHALL BE DELETED FROM THE CONTRACT WITH NO EXTRA COMPENSATION TO THE CONTRACTOR.
26.

CONTRACTOR SHALL CONTACT THE ROADSIDE DEVELOPMENT UNIT AT (847) 705-4171 AT LEAST 2 WEEKS PRIOR TO WEED CONTROL AND FORESTRY WORK TO IDENTIFY AND MARK TREES TO SAVE WITHIN TREE REMOVAL AND CLEARING AREAS.
27.

ALL MILLED SURFACES SHALL BE A UNIFORM CROSS SLOPE PER LANE AND FREE OF RIDGES BETWEEN PASSES. ANY DEVIATIONS SHALL BE CORRECTED AT NO COST TO THE DEPARTMENT.
28.

INTERSEEDING, CLASS 2A IS TO BE USED TO RENOVATE AREAS WHERE EXISTING TURF IS IN POOR CONDITION. EXACT LOCATIONS WILL BE DETERMINED DURING CONSTRUCTION BY THE ENGINEER.
29.

UNDERBRUSH OR DEBRIS AT PLANTING LOCATIONS SHALL BE REMOVED AND DISPOSED OF ACCORDING TO SECTION 201 OF THE STANDARD SPECIFICATIONS. THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT THE COSTS SHALL BE CONSIDERED AS INCLUDED IN THE CONTRACT UNIT PRICES FOR THE CONSTRUCTION ITEMS INVOLVED, AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
30.

THE CONTRACTOR WILL NOT BE REIMBURSED FOR ANY CHARGES, FEES OR COSTS TO SECURE NECESSARY PERMITS. ANY COSTS INCURRED SHALL BE INCLUDED IN THE COST OF OTHER ITEMS OF THE CONTRACT.
31.

ANY PAVEMENT MARKINGS AND RAISED REFLECTIVE PAVEMENT MARKERS OBLITERATED BY MILLING AND RESURFACING OPERATIONS ON SIDE STREETS AND ENTRANCES SHALL BE REPLACED AND PAID FOR IN KIND.
32.

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.
33.

THE CONTRACTOR SHALL CONTACT KALPANA KANNAN-HOSADURGA, THE DISTRICT ONE TRAFFIC CONTROL SUPERVISOR, AT KALPANA.KANNAN-HOSADURGA@ILLINOIS.GOV A MINIMUM OF 72 HOURS ADVANCE OF BEGINNING WORK.
34.

BEFORE BEGINING ANY WORK THE CONTRACTOR SHALL RETAIN AND RECORD, FOR FUTURE REFERENCE, ALL EXISTING PAVEMENT MARKING LINES (AND RAISED REFLECTIVE PAVEMENT MARKERS) IN ORDER THAT THESE LOCATIONS CAN BE RE-ESTABLISHED FOR STRIPING. EXACT LOCATIONS OF ALL PAVEMENT MARKINGS SHALL BE AS SHOWN ON THE PLANS AS DIRECTED BY THE ENDANGER.
35.

THE RESIDENT ENGINEER SHALL CONTRACT AREA TRAFFIC FIELD ENGINEER, MR. ERIC CAMPOS, VIA EMAIL AT ERIC.CAMPOS@ILLINOIS.GOV AT LEAST (2) WEEKS PRIOR TO PLACEMENT OF FINAL PAVEMENT MARKINGS.

DRAINAGE NOTES

1.

PROPOSED RIM AND INVERT ELEVATIONS ARE BASED ON EXISTING THEORETICAL GRADES. ACTUAL FINAL GRADES ARE SUBJECT TO NOMINAL VARIATIONS. ADJUSTMENTS OF PROPOSED CASTINGS TO FINAL GRADES IS INCLUDED IN THE COST OF THE RELATED DRAINAGE STRUCTURE. ADJUSTMENT OF THE PROPOSED PIPE INVERTS TO FINAL GRADES IS INCLUDED IN THE COST OF THE RELATED DRAINAGE PIPE.
2.

THE CONTRACTOR SHALL VERIFY THE EXISTING OUTLET STRUCTURE LOCATIONS AND INVERTS PRIOR TO STARTING UPSTREAM STORM SEWER CONNECTION AND CONSTRUCTION.
3.

STORM SEWER CONSTRUCTED UNDER THE ROADWAY SHALL BE BACKFILLED ACCORDING TO METHOD 1 OF ARTICLE 550.07 OF THE STANDARD SPECIFICATIONS.
4.

DRAINAGE ADJUSTMENT OR RECONSTRUCTION LOCATIONS WILL BE DETERMINED IN THE FIELD BY THE ENGINEER.
5.

DRAINAGE GRADES SHALL BE VERIFIED IN FIELD PRIOR TO INSTALLATION OF DRAINAGE ITEMS.
6.

IN ACCORDANCE WITH SECTION 602 OF THE STANDARD SPECIFICATIONS, THE CONNECTING OF EXISTING DRAIN TILES, PIPE CULVERTS, OR STORM SEWERS TO THE PROPOSED DRAINAGE SYSTEM STRUCTURES WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE CONSIDERED AS INCLUDED IN THE PAY ITEMS PROVIDED.

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wsp WSP USA Inc. 30 N. LA SALLE STREET SUITE 4200 CHICAGO, IL 60602 TEL: (312) 782-8150 FAX: (312) 752-1684	USER NAME = USHA69697		DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	GENERAL NOTES AND COMMITMENTS					F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	DRAWN -		CHECKED -	REVISED -							351	2019-047-TS	WILL	137	3
	PLOT SCALE = 1:2		DATE - 07/14/2023	REVISED -		CONTRACT NO. 62U76									
	PLOT DATE = 2/13/2024					SCALE:	SHEET	OF	SHEETS	STA.	TO STA.	ILLINOIS			
											FED. AID PROJECT				

MODEL: \$MODELNAME\$
FILE NAME: pwr:\lvsp-us-p

SPECIALTY ITEM	CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE		
					90% FED / 10% STATE	90% FED / 7.5% STATE / 2.5% WILL CO	100% ROMEDEVILLE
					ROADWAY	TRAFFIC SIGNALS	EVP/ LED SIGNALS
					0003	0021	0021
	20100500	TREE REMOVAL, ACRE	ACRE	0.10	0.10		
	20101000	TEMPORARY FENCE	FOOT	2,860	2,860		
	20400800	FURNISHED EXCAVATION	CU YD	661	661		
	20200100	EARTH EXCAVATION	CU YD	128	128		
	20800150	TRENCH BACKFILL	CU YD	246	246		
	21101625	TOPSOIL FURNISH AND PLACE, 6"	SQ YD	7,375	7,375		
	21101665	TOPSOIL FURNISH AND PLACE, 18"	SQ YD	811	811		
	25000210	SEEDING, CLASS 2A	ACRE	0.85	0.85		
	25000312	SEEDING, CLASS 4A	ACRE	0.70	0.70		
	28000305	TEMPORARY DITCH CHECKS	FOOT	125	125		
	28000400	PERIMETER EROSION BARRIER	FOOT	5,288	5,288		
	28000510	INLET FILTER	EACH	23	23		
	28001100	TEMPORARY EROSION CONTROL BLANKET	SQ YD	6,974	6,974		
	28100105	STONE RIPRAP, CLASS A3	SQ YD	84	84		
	35101800	AGGREGATE BASE COURSE, TYPE B 6"	SQ YD	1,301	1,301		
	40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	14,213	14,213		
	40600370	LONGITUDINAL JOINT SEALANT	FOOT	8,110	8,110		
	40603200	POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-4.75, N50	TON	907	907		

 WSP USA Inc. 30 N. LASALLE STREET SUITE 4200 CHICAGO, IL 60602 TEL: (312) 782-8150 FAX: (312) 752-1694	USER NAME = USHA669697	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES	F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 1:2	DRAWN -	REVISED -			351	2019-047-TS	WILL	137	4
	PLOT DATE = 3/21/2024	CHECKED -	REVISED -			CONTRACT NO. 62U76				
		DATE - 07/14/2023	REVISED -			SCALE:	SHEET	OF	SHEETS	STA.
							ILLINOIS	FED. AID PROJECT		

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SPECIALTY ITEM	CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE		
					90% FED / 10% STATE	90% FED / 7.5% STATE / 2.5% WILL CO	100% ROMEOVILLE
					ROADWAY	TRAFFIC SIGNALS	EVP/ LEN SIGNS
					0003	0021	0021
	40605026	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, STONE MATRIX ASPHALT, 9.5, MIX "F", N80	TON	2,155	2,155		
	44000100	PAVEMENT REMOVAL	SQ YD	217	217		
	44000159	HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/2"	SQ YD	21,056	21,056		
	44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	5,180	5,180		
	44003100	MEDIAN REMOVAL	SQ FT	13,811	13,811		
	44201794	CLASS D PATCHES, TYPE III, 12 INCH	SQ YD	103	103		
	44201796	CLASS D PATCHES, TYPE IV, 12 INCH	SQ YD	103	103		
	48100500	AGGREGATE SHOULDERS, TYPE A 6"	SQ YD	120	120		
	54213660	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 15"	EACH	4	4		
	55100500	STORM SEWER REMOVAL 12"	FOOT	198	198		
	550A0070	STORM SEWERS, CLASS A, TYPE 1 15"	FOOT	358	358		
	60109605	BACKSLOPE DRAINS, TYPE 1 15"	FOOT	204	204		
	60201310	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 20 FRAME AND GRATE	EACH	3	3		
	60237420	INLETS, TYPE A, TYPE 20 FRAME AND GRATE	EACH	2	2		
	60500040	REMOVING MANHOLES	EACH	1	1		
	60500060	REMOVING INLETS	EACH	9	9		
	60603800	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12	FOOT	5,992	5,992		
	60618300	CONCRETE MEDIAN SURFACE, 4 INCH	SQ FT	1,301	1,301		



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USER NAME = USHA689697
PLOT SCALE = 1:2
PLOT DATE = 3/21/2024

DESIGNED -
DRAWN -
CHECKED -
DATE - 07/14/2023

REVISED -
REVISED -
REVISED -
REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE:	SHEET	OF	SHEETS	STA.	TO STA.
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F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
351	2019-047-TS	WILL	137	5
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		ILLINOIS	FED. AID PROJECT	

MODEL: \$MODELNAME\$
FILE NAME: p:\wsp\p\sub\lky\com\wsp\p\lky\27\Documents\Ill-Chicago Projects\K0732_15 IL53_IL17\CAD\Sheets\General\0561\Sheet03-SQ.dgn

SPECIALTY ITEM	CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE		
					90% FED / 10% STATE	90% FED / 7.5% STATE / 2.5% WILL CO	100% ROMEOVILLE
					ROADWAY	TRAFFIC SIGNALS	EVP
					0003	0021	0021
	60920018	PIPE CULVERTS TO BE CLEANED 18"	FOOT	219	219		
*	63000001	STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS	FOOT	2,816	2,816		
*	63100167	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	EACH	1	1		
	63200310	GUARDRAIL REMOVAL	FOOT	2,775	2,775		
*	63301210	REMOVE AND REERECT STEEL PLATE BEAM GUARDRAIL, TYPE A	FOOT	153	153		
	66900200	NON-SPECIAL WASTE DISPOSAL	CU YD	150	150		
	66900530	SOIL DISPOSAL ANALYSIS	EACH	2	2		
	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	10	10		
	70107025	CHANGEABLE MESSAGE SIGN	CAL DA	1080	1,080		
	67100100	MOBILIZATION	L SUM	1	1		
	70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SQ FT	1,928	1,928		
	70300211	TEMPORARY PAVEMENT MARKING LETTERS AND SYMBOLS - PAINT	SQ FT	308	308		
	70300221	TEMPORARY PAVEMENT MARKING - LINE 4"- PAINT	FOOT	16,998	16,998		
	70300241	TEMPORARY PAVEMENT MARKING - LINE 6"- PAINT	FOOT	2,193	2,193		
	70300261	TEMPORARY PAVEMENT MARKING - LINE 12"- PAINT	FOOT	205	205		
	70300281	TEMPORARY PAVEMENT MARKING - LINE 24"- PAINT	FOOT	388	388		



WSP USA Inc.
30 N. LASALLE STREET
SUITE 4200
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TEL: (312) 782-8150
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USER NAME	= USHA689697
PLOT SCALE	= 1:2
PLOT DATE	= 3/21/2024

DESIGNED	-
DRAWN	-
CHECKED	-
DATE	- 07/14/2023

REVISED	-
REVISED	-
REVISED	-
REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE:	SHEET	OF	SHEETS	STA.	TO STA.
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F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
351	2019-047-TS	WILL	137	6
CONTRACT NO. 62U76				
		ILLINOIS	FED. AID PROJECT	

MODEL: \$MODELNAME\$
FILE NAME: p:\wsp\p25\benlky.com\wsp\p25\p2507\Documents\Ill-Chicago Projects\K07732_15 IL53_IL17\CAD\Sheets\General\0561\set\03-SO.dgn

SPECIALTY ITEM	CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE		
					90% FED / 10% STATE	90% FED / 7.5% STATE / 2.5% WILL CO	100% ROMEOVILLE
					ROADWAY	TRAFFIC SIGNALS	EVP/ LEN SIGNS
					0003	0021	0021
	70307120	TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV TAPE	FOOT	5,842	5,842		
*	72000100	SIGN PANEL - TYPE 1	SQ FT	157	97	60	
*	72000200	SIGN PANEL - TYPE 2	SQ FT	58	58		
*	72400100	REMOVE SIGN PANEL ASSEMBLY - TYPE A	EACH	3	3		
*	72400200	REMOVE SIGN PANEL ASSEMBLY - TYPE B	EACH	3	3		
*	72400310	REMOVE SIGN PANEL - TYPE 1	SQ FT	8	8		
*	72800100	TELESCOPING STEEL SIGN SUPPORT	FOOT	122	122		
*	73100100	BASE FOR TELESCOPING STEEL SIGN SUPPORT	EACH	12	12		
*	78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	437	437		
*	78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	12,572	12,572		
*	78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	1,783	1,783		
*	78000500	THERMOPLASTIC PAVEMENT MARKING - LINE 8"	FOOT	574	574		
*	78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	159	159		
*	78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	254	254		
*	78009004	MODIFIED URETHANE PAVEMENT MARKING - LINE 4"	FOOT	916	916		
*	78009006	MODIFIED URETHANE PAVEMENT MARKING - LINE 6"	FOOT	38	38		
*	78009012	MODIFIED URETHANE PAVEMENT MARKING - LINE 12"	FOOT	12	12.0		
*	78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	150	150		



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	DRAWN -	REVISED -
PLOT SCALE = 1:2	CHECKED -	REVISED -
PLOT DATE = 3/21/2024	DATE - 07/14/2023	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES			
SCALE:	SHEET	OF	SHEETS
	STA.		TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
351	2019-047-TS	WILL	137	7
CONTRACT NO. 62U76				
		ILLINOIS	FED. AID PROJECT	

MODEL: \$MODELNAME\$
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SPECIALTY ITEM	CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE		
					90% FED / 10% STATE	90% FED / 7.5% STATE / 2.5% WILL CO	100% ROMEOVILLE
					ROADWAY	TRAFFIC SIGNALS	EVP/ LEN SIGNS
					0003	0021	0021
	78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	142	142		
	81028200	UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.	FOOT	1,384		1,384	
	81028220	UNDERGROUND CONDUIT, GALVANIZED STEEL, 3" DIA.	FOOT	146		146	
	81028240	UNDERGROUND CONDUIT, GALVANIZED STEEL, 4" DIA.	FOOT	566		566	
	81400100	HANDHOLE	EACH	6		6	
	81400200	HEAVY-DUTY HANDHOLE	EACH	4		4	
	81400300	DOUBLE HANDHOLE	EACH	2		2	
	87301225	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	867		867	
	87301245	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	4174		4,174	
	87301255	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	651		651	
	87301305	ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PAIR	FOOT	3,470		3,470	
	87301805	ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2 C	FOOT	110		110	
	87301900	ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	799		799	
	87502500	TRAFFIC SIGNAL POST, GALVANIZED STEEL 16 FT.	EACH	1		1	
	87700180	STEEL MAST ARM ASSEMBLY AND POLE, 28 FT.	EACH	1		1	
	87700210	STEEL MAST ARM ASSEMBLY AND POLE, 34 FT.	EACH	1		1	
	87700250	STEEL MAST ARM ASSEMBLY AND POLE, 42 FT.	EACH	2		2	
	87700290	STEEL MAST ARM ASSEMBLY AND POLE, 50 FT.	EACH	1		1	



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PLOT DATE = 3/21/2024	DATE - 07/14/2023	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES			
SCALE:	SHEET	OF	SHEETS
	STA.		TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
351	2019-047-TS	WILL	137	8
CONTRACT NO. 62U76				
		ILLINOIS	FED. AID PROJECT	

MODEL: \$MODELNAME\$
FILE NAME: p:\wsp\p25\benlky.com\wsp\p25\p25\27\Documents\Ill-Chicago Projects\K07382_15_IL53_IL7\CAD\Sheets\General\0561\Sheet03-SQ.dgn

SPECIALTY ITEM	CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE		
					90% FED / 10% STATE	90% FED / 7.5% STATE / 2.5% WILL CO	100% ROMEOVILLE
					ROADWAY	TRAFFIC SIGNALS	EVP/ LEN SIGNS
					0003	0021	0021
	87700400	STEEL MAST ARM ASSEMBLY AND POLE, 60 FT.	EACH	1		1	
	87800100	CONCRETE FOUNDATION, TYPE A	FOOT	8		8	
	87800150	CONCRETE FOUNDATION, TYPE C	FOOT	4		4	
	87800400	CONCRETE FOUNDATION, TYPE E 30-INCH DIAMETER	FOOT	10		10	
	87800415	CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER	FOOT	75		75	
	87800420	CONCRETE FOUNDATION, TYPE E 42-INCH DIAMETER	FOOT	23		23	
	88030020	SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST-ARM MOUNTED	EACH	14		14	
	88030050	SIGNAL HEAD, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED	EACH	2		2	
	88030110	SIGNAL HEAD, LED, 1-FACE, 5-SECTION, MAST-ARM MOUNTED	EACH	4		4	
	88200510	TRAFFIC SIGNAL BACKPLATE, RETROREFLECTIVE	EACH	18		18	
	88500100	INDUCTIVE LOOP DETECTOR	EACH	12		12	
	88600100	DETECTOR LOOP, TYPE I	FOOT	612		612	
	88700200	LIGHT DETECTOR	EACH	4			4
	88700300	LIGHT DETECTOR AMPLIFIER	EACH	1			1
	89000100	TEMPORARY TRAFFIC SIGNAL INSTALLATION	EACH	1		1	
	89502375	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1		1	
	89502380	REMOVE EXISTING HANDHOLE	EACH	11		11	
	89502382	REMOVE EXISTING DOUBLE HANDHOLE	EACH	1		1	



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PLOT DATE = 3/21/2024	DATE - 07/14/2023	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES			
SCALE:	SHEET	OF	SHEETS
	STA.		TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
351	2019-047-TS	WILL	137	9
CONTRACT NO. 62U76				
		ILLINOIS	FED. AID PROJECT	

MODEL: \$MODELNAME\$
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SPECIALTY ITEM	CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE		
					90% FED / 10% STATE	90% FED / 7.5% STATE / 2.5% WILL CO	100% ROMEOVILLE
					ROADWAY	TRAFFIC SIGNALS	EVP/ LEN SIGNS
					0003	0021	0021
	89502385	REMOVE EXISTING CONCRETE FOUNDATION	EACH	9		9	
	Z0010688	CAMERA MOUNTING ASSEMBLY	EACH	1		1	
	Z0013798	CONSTRUCTION LAYOUT	L SUM	1	1		
	Z0018501	DRAINAGE STRUCTURES TO BE CLEANED (SPECIAL)	EACH	1	1		
	Z0018700	DRAINAGE STRUCTURE TO BE REMOVED	EACH	3	3		
	Z0030850	TEMPORARY INFORMATION SIGNING	SQ FT	115	115		
	Z0033056	OPTIMIZE TRAFFIC SIGNAL SYSTEM	EACH	1		1	
	Z0062456	TEMPORARY PAVEMENT	SQ YD	217	217		
	Z0073510	TEMPORARY TRAFFIC SIGNAL TIMING	EACH	1		1	
	X0324085	EMERGENCY VEHICLE PRIORITY SYSTEM LINE SENSOR CABLE, NO. 20 3/C	FOOT	867			867
	X0325922	CELLULAR MODEM	EACH	1		1	
	X0327698	LED INTERNALLY ILLUMINATED STREET NAME SIGN	EACH	4			4
	X1200234	SHOULDER INLET WITH CURB	EACH	4	4		
	X1400102	OUTDOOR RATED NETWORK CABLE	FOOT	98		98	
	X1400107	FULL-ACTUATED CONTROLLER AND TYPE SUPER P CABINET	EACH	1		1	
	X1400150	SERVICE INSTALLATION, GROUND MOUNTED, METERED	EACH	1		1	
	X1400215	REMOTE CONTROLLED VIDEO SYSTEM	EACH	1		1	



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PLOT DATE = 3/21/2024	DATE - 07/14/2023	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

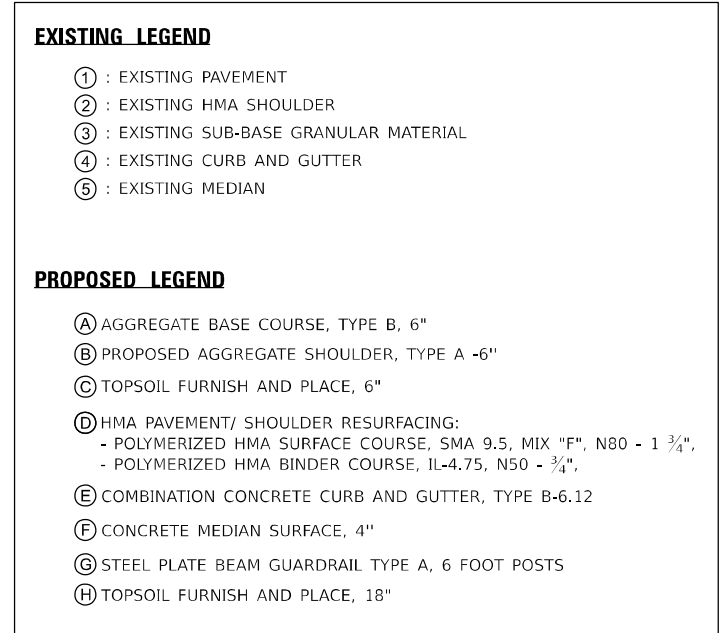
SUMMARY OF QUANTITIES			
SCALE:	SHEET	OF	SHEETS
	STA.		TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
351	2019-047-TS	WILL	137	10
CONTRACT NO. 62U76				
		ILLINOIS	FED. AID PROJECT	

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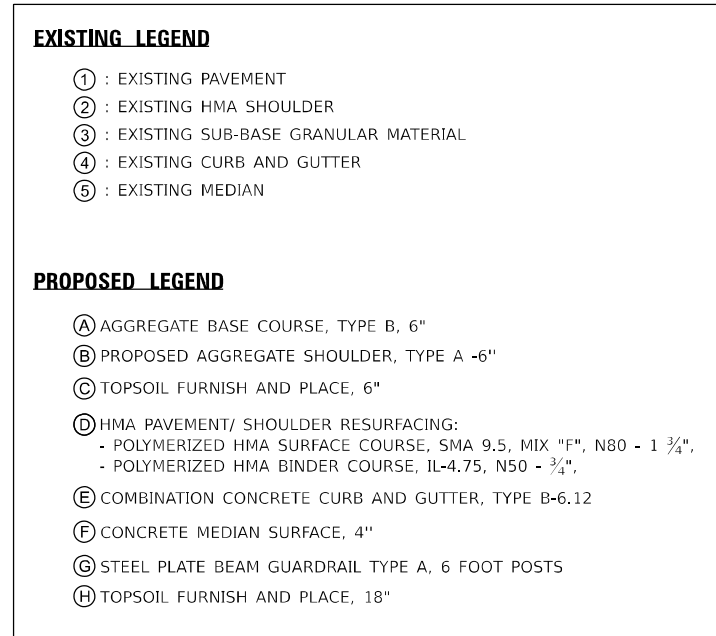
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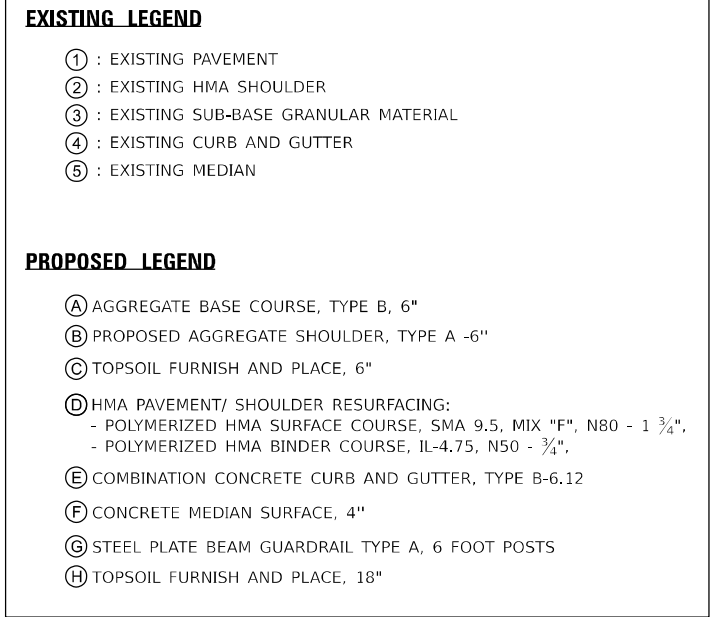
 WSP USA Inc. 30 N. LASALLE STREET SUITE 4200 CHICAGO, IL 60602 TEL: (312) 782-8150 FAX: (312) 782-1684	USER NAME = USHA69697	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES					F.A.P R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -							351	2019-047-TS	WILL	137	11
	PLOT SCALE = 1:2	CHECKED -	REVISED -		CONTRACT NO. 62U76									
	PLOT DATE = 3/21/2024	DATE = 07/14/2023	REVISED -		SCALE:	SHEET	OF	SHEETS	STA.	TO STA.				



MIXTURE TYPE	AIR VOIDS @ N _{design}	QMP
HMA PAVEMENT & SHOULDER RESURFACING		
POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, STONE MATRIX ASPHALT, 9.5, MIX "F", N80, 1 3/4"	3.5% @ 80 Gyr.	QCP
POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-4.75, N50, 3/4"	3.5% @ 50 Gyr.	QC/QA
TEMPORARY PAVEMENT		
HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N70, 2"	4% @ 70 Gyr.	QC/QA
HOT-MIX ASPHALT BINDER IL-19.0, N70, 6"	4% @ 70 Gyr.	QC/QA
PATCHING		
CLASS D PATCHES (HMA BINDER IL-19.0)	4% @ 70 Gyr.	QC/QA
QMP DESIGNATION: QUALITY CONTROL/QUALITY ASSURANCE (QA/QC); QUALITY CONTROL FOR PERFORMANCE (QCP); PAY FOR PERFORMANCE (PFP)		

1. THE UNIT WEIGHT USED TO CALCULATE ALL HMA MIXTURE QUANTITIES IS 112 LBS/SQ YD/IN.
2. 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.
3. APPLY THE LONGITUDINAL JOINT SEALANT ON THE POLYMERIZED HMA BINDER COURSE IL-4.75, N50
4. ALL PATCHING OPERATION SHALL TAKE PLACE AFTER SURFACE MILLING HAS BEEN COMPLETED





MODEL: \$MODELNAME\$
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70300221	TEMPORARY PAVEMENT MARKING - LINE 4"- PAINT			
STAGE 1				
STATION	STATION	SIDE (RT +/LT-)	TYPE	Total (FT)
492+85.65	499+48.36	LT	WHITE	663
492+85.64	499+47.88	RT	WHITE	663
497+25.39	499+46.32	RT	WHITE	221
500+53.97	504+35.80	RT	WHITE	382
500+90.86	501+60.10	LT	WHITE	70
500+90.66	503+62.52	LT	WHITE	272
500+89.49	503+63.54	LT	WHITE	275
500+51.70	504+89.95	RT	WHITE	439
492+86.31	497+01.93	LT	YELLOW	416
492+86.67	499+45.80	RT	YELLOW	660
500+86.68	504+86.77	RT	DOUBLE YELLOW	801
500+86.68	504+88.35	RT	DOUBLE YELLOW	804
STAGE 2				
492+85.51	498+70.93	LT	WHITE	585
492+85.51	499+59.77	LT	YELLOW	674
492+85.51	499+59.77	RT	YELLOW	674
492+85.51	499+61.01	RT	WHITE	676
500+26.65	504+35.81	LT	WHITE	449
1000+98.55	1011+38.01	LT	WHITE	1039
500+63.62	505+69.14	RT	YELLOW	506
500+65.76	504+88.57	RT	YELLOW	423
500+83.95	503+03.01	RT	WHITE	219
995+06.01	999+53.02	RT	WHITE	447
995+06.01	998+74.43	LT	WHITE	368
1000+39.50	1011+38.01	RT	WHITE	1099
STAGE 3				
995+06.01	999+13.81	RT	WHITE	408
1000+87.15	1011+37.72	RT	YELLOW	1051
995+06.01	999+04.07	LT	WHITE	398
995+06.01	999+03.23	RT	YELLOW	397
1000+87.19	1011+37.72	LT	YELLOW	1051
1008+22.05	1011+37.72	LT	WHITE	316
995+06.01	999+03.32	LT	YELLOW	397
1011+37.72	1012+99.70	RT	WHITE	162
TOTAL				16998

70300221	TEMPORARY PAVEMENT MARKING - LINE 6"- PAINT			
STAGE 1				
STATION	STATION	SIDE (RT +/LT-)	TYPE	Total (FT)
495+48.47	497+25.39	RT	DASH SKIP	45
504+35.80	501+60.10	LT	DASH SKIP	69
503+63.02	504+86.77	LT	DASH SKIP	31
499+70.76	500+89.49	CL	DASH SKIP	30
497+25.39	499+46.32	RT	SOLID WHITE	221
500+89.49	503+63.54	RT	SOLID WHITE	275
STAGE 2				
497+05.07	499+21.13	RT	SOLID WHITE	217
500+81.52	503+63.82	RT	SOLID WHITE	283
997+08.42	999+03.18	RT	SOLID WHITE	195
1000+87.20	1002+88.67	LT	SOLID WHITE	202
495+14.26	497+05.07	RT	DASK SKIP	48
503+63.82	504+85.81	LT	DASK SKIP	31
995+85.55	997+08.42	CL	DASK SKIP	31
1002+88.67	1003+98.14	LT	DASK SKIP	28
STAGE 3				
997+08.30	999+03.26	RT	SOLID WHITE	195
1000+87.21	1002+86.37	LT	SOLID WHITE	200
995+06.01	997+08.30	RT	DASK SKIP	51
1002+86.37	1004+80.13	LT	DASK SKIP	49
TOTAL				2193

70300261	TEMPORARY PAVEMENT MARKING - LINE 12"- PAINT			
STAGE 1				
STATION		SIDE (RT +/LT-)	DESCRIPTION	Total (FT)
STAGE 1				
499+37.12		RT	CHEVRON	205
TOTAL				205



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	DRAWN -	REVISED -
PLOT SCALE = 1:2	CHECKED -	REVISED -
PLOT DATE = 2/5/2024	DATE - 07/14/2023	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE:	SHEET	OF	SHEETS	STA.	TO STA.
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F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
351	2019-047-TS	WILL	137	16
CONTRACT NO. 62U76				
		ILLINOIS	FED. AID PROJECT	

MODEL: \$MODELNAME\$
FILE NAME: p:\wsp-usa\usm\lky.com\wsp-usa\lky\27\Documents\Ill-Chicago Projects\K07782_15 IL53_IL7\CAD\Sheets\General\0561\sheet03-A01 Schedule.dgn

70300281	TEMPORARY PAVEMENT MARKING - LINE 24" PAINT		
STAGE 1			
STATION	SIDE (RT +/LT-)	DESCRIPTION	Total (FT)
STAGE 1			
499+35.72	RT.	STOP BAR	16
499+46.30	RT.	STOP BAR	31
1000+87.18	LT	STOP BAR	40
999+03.22	RT.	STOP BAR	35
500+63.37	RT.	STOP BAR	16
500+89.49	LT	STOP BAR	54
1000+87.18	LT	STOP BAR	40
STAGE 2			
499+21.07	RT	STOP BAR	32
500+81.51	LT	STOP BAR	28
999+03.18			
1000+87.20			
STAGE 3			
999+03.26	RT	STOP BAR	24
1000+87.21	LT	STOP BAR	26
TOTAL			388

70300211	TEMPORARY PAVEMENT MARKING LETTERS AND SYMBOLS - PAINT		
STAGE 1			
STATION	SIDE (RT +/LT-)	DESCRIPTION	Total (SQ FT)
497+46.31	RT	WHITE	28
499+20.56	RT	WHITE	28
501+30.23	LT	WHITE	28
501+18.39	LT	WHITE	28
501+16.44	RT	WHITE	28
STAGE 2			
998+76.32	LT	WHITE	28
101+11.07	LT	WHITE	28
498+82.36	RT	WHITE	28
501+10.17	LT	WHITE	28
STAGE 3			
998+69.24	RT	WHITE	28
1011+24.27	LT	WHITE	28
TOTAL			308

70307120	TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV TAPE			
STAGE 2				
STATION	STATION	SIDE (RT +/-/LT-)	TYPE	Total (FT)
487+53.44	492+85.51	LT	WHITE	533
490+00.00	492+85.51	LT	YELLOW	286
490+76.84	492+85.51	RT	WHITE	209
490+00.00	492+85.51	RT	YELLOW	286
988+56.01	995+06.01	RT	WHITE	650
992+36.73	995+06.01	LT	WHITE	270
1011+38.01	1013+53.38	RT	WHITE	216
1011+38.01	1018+96.18	LT	WHITE	759
STAGE 3				
993+91.30	995+06.01	RT	WHITE	115
987+37.29	995+06.01	RT	YELLOW	769
992+45.65	995+06.01	LT	WHITE	261
991+30.27	995+06.01	LT	YELLOW	376
1011+37.72	1013+96.96	RT	WHITE	260
1011+37.72	1013+96.96	RT	YELLOW	260
1012+99.70	1013+96.96	LT	WHITE	98
1018+99.53	1013+96.96	LT	YELLOW	503
TOTAL				5842



WSP USA Inc.
30 N. LASALLE STREET
SUITE 4200
CHICAGO, IL 60602
TEL: (312) 782-8150
FAX: (312) 732-1684

USER NAME = USHA689697	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 1:2	CHECKED -	REVISED -
PLOT DATE = 2/5/2024	DATE - 07/14/2023	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE:	SHEET	OF	SHEETS	STA.	TO STA.
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F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
351	2019-047-TS	WILL	137	17
CONTRACT NO. 62U76				
		ILLINOIS	FED. AID PROJECT	

MODEL: \$MODELNAME\$
FILE NAME: p:\wsp-usa\banking\com\wsp-usa\proj\w07\Documents\Ill-Chicago Projects\K0732_15_IL53_IL7\CAD\Sheets\General\0561\sheet03-A01 Schedule.dgn

70300150	SHORT TERM PAVEMENT MARKING REMOVAL				
STAGE 2					
STATION	STATION	SIDE (RT +/LT-)	DESCRIPTION	WIDTH	Total (SQ FT)
487+53.44	492+85.51	LT	WHITE	0.33	176.00
490+00.00	492+85.51	LT	YELLOW	0.33	95.00
490+76.84	492+85.51	RT	WHITE	0.33	69.00
490+00.00	492+85.51	RT	YELLOW	0.33	95.00
988+56.01	995+06.01	RT	WHITE	0.33	215.00
992+36.73	995+06.01	LT	WHITE	0.33	89.00
1011+38.01	1013+53.38	RT	WHITE	0.33	72.00
1011+38.01	1018+96.18	LT	WHITE	0.33	251.00
STAGE 3					
993+91.30	995+06.01	RT	WHITE	0.33	38.00
987+37.29	995+06.01	RT	YELLOW	0.33	254.00
992+45.65	995+06.01	LT	WHITE	0.33	86.00
991+30.27	995+06.01	LT	YELLOW	0.33	124.00
1011+37.72	1013+96.96	RT	WHITE	0.33	86.00
1011+37.72	1013+96.96	RT	YELLOW	0.33	86.00
1012+99.70	1013+96.96	LT	WHITE	0.33	33.00
1018+99.53	1013+96.96	LT	YELLOW	0.33	166.00
TOTAL					1928

wsp

WSP USA Inc.

30 N. LASALLE STREET

SUITE 4200

CHICAGO, IL 60602

TEL: (312) 782-8150

FAX: (312) 732-1984

USER NAME = USHA689697	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 1:2	CHECKED -	REVISED -
PLOT DATE = 2/5/2024	DATE - 07/14/2023	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES			
SCALE:	SHEET	OF	SHEETS
		STA.	TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
351	2019-047-TS	WILL	137	18
CONTRACT NO. 62U76				
		ILLINOIS	FED. AID PROJECT	

NOTE
THE QUANTITY OF PAY ITEM 66900200: "NON SPECIAL WASTE DISPOSAL" WILL REDUCE
THE AMOUNT OF AVAILABLE EMBANKMENT MATERIALS. THE QUANTITY OF FURNISHED EXCAVATION
HAS BEEN ADJUSTED TO REFLECT THIS.

25000312 - SEEDING CLASS 4A								
SHEET NO.	FROM			TO			UNIT	QTY
	ALIGNMENT	START STATION	OFFSET	ALIGNMENT	END STATION	OFFSET		
1	1L ROUTE 53	995+06.01	90.18 LT	1L ROUTE 53	998+38.44	53.56 LT	SQ YD	925
1	1L ROUTE 53	995+04.37	84.89 RT	1L ROUTE 53	998+82.26	56.08 RT	SQ YD	1622
							TOTAL (SQ YD) =	2547
							TOTAL (ACRE) =	0.53

21101665 - TOPSOIL FURNISH AND PLACE, 18''								
SHEET NO.	FROM			TO			UNIT	QTY
	ALIGNMENT	START STATION	OFFSET	ALIGNMENT	END STATION	OFFSET		
2	1L ROUTE 53	1002+71.48	8.41 RT	1L ROUTE 53	1010+44.28	0.00 RT	SQ YD	811
							TOTAL (SQ YD) =	811

28001100 - TEMPORARY EROSION CONTROL BLANKET								
SHEET NO.	FROM			TO			UNIT	QTY
	ALIGNMENT	START STATION	OFFSET	ALIGNMENT	END STATION	OFFSET		
1	1L ROUTE 7	492+85.31	26.73 LT	1L ROUTE 53	1002+00.00	42.96 LT	SQ YD	886
1	1L ROUTE 7	492+85.70	25.02 RT	1L ROUTE 53	995+06.01	47.99 LT	SQ YD	1634
1	1L ROUTE 53	995+06.01	39.63 RT	1L ROUTE 7	504+91.11	37.54 RT	SQ YD	2167
1	1L ROUTE 7	504+83.71	37.00 LT	1L ROUTE 53	1002+00.00	45.25 RT	SQ YD	719
2	1L ROUTE 53	1002+00.00	42.96 LT	1L ROUTE 53	1007+23.11	39.31 LT	SQ YD	345
2	1L ROUTE 53	1007+63.70	44.67 LT	1L ROUTE 53	1008+60.84	41.30 LT	SQ YD	68
2	1L ROUTE 53	1009+02.55	40.48 LT	1L ROUTE 53	1011+37.86	30.48 LT	SQ YD	192
2	1L ROUTE 53	1002+00.00	45.25 RT	1L ROUTE 53	1007+43.97	42.21 RT	SQ YD	364
2	1L ROUTE 53	1008+25.69	38.99 RT	1L ROUTE 53	1011+37.96	31.96 RT	SQ YD	225
2	1L ROUTE 53	1003+19.35	6.73 RT	1L ROUTE 53	1006+77.42	3.79 RT	SQ YD	375
						TOTAL (SQ YD) = 6974		

28000510- EROSION CONTROL INLET FILTER						
SHEET NO.	FROM		TO		UNIT	QTY
	ALIGNMENT	START STATION	ALIGNMENT	END STATION		
1	1L ROUTE 7	493+84.70	1L ROUTE 7	498+69.51	EACH	7.00
1	1L ROUTE 7	501+37.44	1L ROUTE 7	504+97.31	EACH	7.00
2	1L ROUTE 53	1001+20.61	1L ROUTE 53	1008+66.70	EACH	9.00
					TOTAL	23.00

MODEL: Default
FILE NAME: p:\asp-us-pw-bentley.com\asp-us-pw-07\Documents\Ill-Chicago Projects\K07062_15_IL53_IL7\CAD\Sheets\General\05619-shit-04-Schedules.dgn

60618300 - CONCRETE MEDIAN SURFACE, 4 INCH								
SHEET NO.	FROM			TO			UNIT	QTY
	ALIGNMENT	START STATION	OFFSET	ALIGNMENT	END STATION	OFFSET		
1	IL ROUTE 7	492+85.52	0.92 LT	IL ROUTE 7	499+49.96	2.91 LT	SQ YD	989
1	IL ROUTE 53	995+00.00	14.35 LT	IL ROUTE 53	999+27.86	10.42 LT	SQ YD	95
1	IL ROUTE 53	1000+73.48	7.92 RT	IL ROUTE 53	1002+00.00	10.00 RT	SQ YD	29
2	IL ROUTE 53	1002+00.00	10.00 RT	IL ROUTE 53	1010+44.24	0.83 LT	SQ YD	189
TOTAL (SQ YARD) =								1301

63000001 - STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS								
SHEET NO.	FROM			TO			UNIT	QTY
	ALIGNMENT	START STATION	OFFSET	ALIGNMENT	END STATION	OFFSET		
1	IL ROUTE 53	995+06.00	39.23 RT	IL ROUTE 7	501+70.53	48.74 RT	FOOT	534
1	IL ROUTE 53	1001+00.29	42.81 LT	IL ROUTE 53	1002+00.00	41.623 LT	FOOT	258
1	IL ROUTE 53	998+00.83	48.06 LT	IL ROUTE 7	498+43.96	35.89 LT	FOOT	213
1	IL ROUTE 7	501+35.17	47.98 LT	IL ROUTE 53	1002+00.00	41.823 RT	FOOT	257
2	IL ROUTE 53	1002+00.00	41.623 LT	IL ROUTE 53	1008+47.14	36.91 LT	FOOT	631
2	IL ROUTE 53	1002+00.00	41.823 RT	IL ROUTE 53	1011+13.73	29.02 RT	FOOT	924
TOTAL (FOOT) =								2816

60603800 - COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12								
SHEET NO.	FROM			TO			UNIT	QTY
	ALIGNMENT	START STATION	OFFSET	ALIGNMENT	END STATION	OFFSET		
1	IL ROUTE 7	494+03.45	3.45 LT	IL ROUTE 7	499+49.96	32.80 LT	FOOT	1064
1	IL ROUTE 7	498+43.96	35.89 RT	IL ROUTE 53	998+00.83	48.06 LT	FOOT	225
1	IL ROUTE 53	995+00.00	14.35 LT	IL ROUTE 53	998+13.02	11.30 LT	FOOT	665
1	IL ROUTE 53	995+00.00	39.23 RT	IL ROUTE 7	502+21.88	44.76 RT	FOOT	584
1	IL ROUTE 7	498+36.87	37.70 LT	IL ROUTE 53	1002+00.00	41.62LT	FOOT	125
1	IL ROUTE 7	501+29.41	49.80 RT	IL ROUTE 53	1002+00.00	40.57 RT	FOOT	214
2	IL ROUTE 53	1002+00.00	41.62 LT	IL ROUTE 53	1008+47.14	36.91 LT	FOOT	636
2	IL ROUTE 53	1002+00.00	40.57 RT	IL ROUTE 53	1011+01.86	26.84 RT	FOOT	931
2	IL ROUTE 53	1002+71.48	7.73 RT	IL ROUTE 53	1010+44.24	0.83 LT	FOOT	1549
TOTAL (FOOT) =								5992

44000159 - HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/2"						
SHEET NO.	FROM		TO		UNIT	QTY
	ALIGNMENT	START STATION	ALIGNMENT	END STATION		
1	IL ROUTE 7	492+85.51	IL ROUTE 7	499+00.00	SQ YD	3232
1	IL ROUTE 7	499+00.00	IL ROUTE 7	501+00.00	SQ YD	3462
1	IL ROUTE 7	501+00.00	IL ROUTE 7	504+89.97	SQ YD	3738
1	IL ROUTE 53	995+06.00	IL ROUTE 53	999+00.00	SQ YD	3836
1	IL ROUTE 53	1001+00.00	IL ROUTE 53	1002+00.00	SQ YD	930
2	IL ROUTE 53	1002+00.00	IL ROUTE 53	1011+38.00	SQ YD	6795
TOTAL (SQ YD)						21993

44000500 - COMBINATION CURB AND GUTTER REMOVAL								
SHEET NO.	FROM			TO			UNIT	QTY
	ALIGNMENT	START STATION	OFFSET	ALIGNMENT	END STATION	OFFSET		
1	IL ROUTE 7	494+03.45	3.45 LT	IL ROUTE 7	499+49.96	2.91 LT	FOOT	1100
1	IL ROUTE 7	498+43.96	35.89 RT	IL ROUTE 53	998+00.83	48.06 LT	FOOT	230
1	IL ROUTE 7	500+36.92	55.72 RT	IL ROUTE 7	500+66.17	40.25 RT	FOOT	79
1	IL ROUTE 53	995+06.01	14.35 LT	IL ROUTE 53	996+91.07	10.28 LT	FOOT	373
1	IL ROUTE 53	995+06.01	39.23 RT	IL ROUTE 7	501+70.53	48.74 RT	FOOT	553
1	IL ROUTE 7	498+36.97	34.03 LT	IL ROUTE 53	1002+00.00	41.62LT	FOOT	310
1	IL ROUTE 7	501+29.41	48.89 LT	IL ROUTE 53	1002+00.00	41.82 RT	FOOT	132
2	IL ROUTE 53	1002+00.00	41.62 LT	IL ROUTE 53	1008+47.14	36.91 LT	FOOT	610
2	IL ROUTE 53	1002+00.00	41.82 RT	IL ROUTE 53	1011+01.86	26.84 RT	FOOT	931
2	IL ROUTE 53	1003+19.30	5.35 RT	IL ROUTE 53	1097+47.31	1.83 RT	FOOT	862
TOTAL (FOOT) =								5180

44201796 - CLASS PATCHES, TYPE IV, 12 INCH SQ YD								
SHEET NO.	FROM			TO			UNIT	QTY
	ALIGNMENT	START STATION	OFFSET	ALIGNMENT	END STATION	OFFSET		
1	IL ROUTE 7	498+31.12	34.34 RT	IL ROUTE 7	498+72.30	33.79 LT	SQ YD	43
1	IL ROUTE 7	501+35.17	47.98 LT	IL ROUTE 7	502+21.88	44.76 RT	SQ YD	85
1	IL ROUTE 7	504+59.78	38.36 LT	IL ROUTE 7	504+72.99	34.31 RT	SQ YD	40
1	IL ROUTE 7	506+55.10	33.23 LT	IL ROUTE 7	506+73.91	34.17 RT	SQ YD	38
TOTAL (SQ YD) =								206

63200310 - GUARDRAIL REMOVAL								
SHEET NO.	FROM			TO			UNIT	QTY
	ALIGNMENT	START STATION	OFFSET	ALIGNMENT	END STATION	OFFSET		
1	IL ROUTE 7	498+36.87	37.70 LT	IL ROUTE 53	1002+00.00	42.65 LT	FOOT	257
1	IL ROUTE 7	498+43.96	35.89 RT	IL ROUTE 53	998+00.83	9.35 LT	FOOT	213
1	IL ROUTE 53	995+06.00	39.23 RT	IL ROUTE 7	501+70.53	48.74 RT	FOOT	529
1	IL ROUTE 7	501+29.41	49.80 LT	IL ROUTE 53	1002+00.00	41.88 RT	FOOT	210
2	IL ROUTE 53	1002+00.00	42.65 LT	IL ROUTE 53	1008+47.14	36.91 LT	FOOT	640
2	IL ROUTE 53	1002+00.00	41.88 RT	IL ROUTE 53	1011+13.73	29.02 RT	FOOT	926
TOTAL (FOOT) =								2775

44003100 - MEDIAN REMOVAL								
SHEET NO.	FROM			TO			UNIT	QTY
	ALIGNMENT	START STATION	OFFSET	ALIGNMENT	END STATION	OFFSET		
1	IL ROUTE 7	492+85.52	0.92 LT	IL ROUTE 7	499+49.96	2.91 LT	SQ FT	9542
1	IL ROUTE 7	500+36.92	55.72 RT	IL ROUTE 7	500+66.17	40.25 RT	SQ FT	338
1	IL ROUTE 53	995+06.01	4.35 LT/0.75 RT	IL ROUTE 53	999+10.27	9.35 LT	SQ FT	2348
1	IL ROUTE 53	1000+87.17	5.35 RT	IL ROUTE 53	1002+00.00	6.09 RT	SQ FT	109
2	IL ROUTE 53	1002+00.00	6.09 RT	IL ROUTE 53	1003+60.19	7.10 RT	SQ FT	433
2	IL ROUTE 53	1005+98.36	6.22 LT	IL ROUTE 53	1008+88.00	1.08 LT	SQ FT	1041
TOTAL (SQ FT) =								13811

SIGNING SCHEDULE										EXISTING PANEL DIMENSIONS		PROPOSED PANEL DIMENSIONS		NUMBER OF POSTS	SIGN PANEL TYPE 1 (72000100)	SIGN PANEL TYPE 2 (72000200)	REMOVE SIGN PANEL ASSEMBLY - TYPE A (72400100)	REMOVE SIGN PANEL ASSEMBLY - TYPE B (72400200)	TELESCOPING STEEL SIGN SUPPORT (72800100)	BASE FOR TELESCOPING STEEL SIGN SUPPORT (73100100)
LOCATION	SIGN NO.	LEGEND/DESCRIPTION	CODE	ACTION		LOCATION (STATION) / OFFSET				WIDTH	HEIGHT	WIDTH	HEIGHT		(SQ FT)	(SQ FT)	(EACH)	(EACH)	(FT)	(EACH)
				REMOVE	PROPOSED	EXISTING		PROPOSED												
IL RT 53	WB-01	KEEP RIGHT	R4-7		X			998+94.77	11.02 LT			24	30	1	5.0				10	1
	EB-02	MANDATORY MOVEMENT (LEFT)	R3-5		X							30	36		7.5					
IL RT 7	WB-03	KEEP RIGHT	R4-7	X		498+89.29	4.11 LT			30	36					1				
	WB-04	KEEP RIGHT	R4-7		X							24	30	1	5.0					
IL RT 7	EB-05	MANDATORY MOVEMENT (LEFT)	R3-5		X			498+89.29	4.11 LT			30	36		7.5				10	1
	WB-06	KEEP RIGHT	R4-7		X							24	30	1	5.0				10	1
IL RT 53	EB-07	MANDATORY MOVEMENT 2 (LEFT)			X			1001+03.85	9.59 RT			30	36	1	7.5					
	EB-08	ADVANCE STREET NAME (RENWICK RD, W.9TH ST)	D3-2		X			995+16.53	45.72 RT			72	28	1		14.0			10	1
IL RT 7	EB-09	ADVANCE STREET NAME (INDEPENDENCE BLVD, BROADWAY ST)	D3-2		X			493+16.78	25.13 RT			78	28	1		15.2			10	1
IL RT 7	WB-10	ADVANCE STREET NAME (BROADWAY ST, INDEPENDENCE BLVD)	D3-2		X			506+58.27	39.55 LT			78	28	1		15.2			10	1
IL RT 53	WB-11	ADVANCE STREET NAME (W.9TH ST, RENWICK RD)	D3-2		X			1009+22.07	37.97 LT			72	28	1			14.0		10	1
IL RT 53	EB-12	LANE ENDS	W4-2		X			502+47.32	37.53 RT			36	36	1	9.0				10	1
	EB-13	ILLINOIS 53	M1-5							24	24	24	24	1	4.0					
	EB-14	ILLINOIS 7	M1-5							24	24	24	24		4.0					
	EB-15	DIRECTIONAL ARROW	M6-4	X	X	498+89.27	49.41 RT	498+89.27	49.41 RT	21	15	21	15		2.2		1	10		1
	EB-16	DIRECTIONAL ARROW	M6-3							21	15	21	15		2.2					
IL RT 7	WB-17	NO TURN ON RED	R10-11a							30	36									
IL RT 7	WB-18	RESTRICTED TRAVEL TIMES	R10-20a	X		500+81.21	63.34 LT			30	24						1			
	WB-19	JUNCTION	M2-1	X	X	1007+94.52	38.25 LT			21	15	21	15		2.2		1		10	1
	WB-20	ILLINOIS 7	M1-5							24	24	24	24		4.0					
	WB-21	NORTH (AUXILIARY)	M3-1							24	12	24	12		2.0					
	WB-22	SOUTH (AUXILIARY)	M3-3							24	12	24	12		2.0					
	WB-23	ILLINOIS 7	M1-5	X	X	1005+51.59	47.02 LT			24	24	24	24		4.0		1		12	1
	WB-24	ILLINOIS 7	M1-5							24	24	24	24		4.0					
	WB-25	ADVANCE TURN ARROW (LEFT)	M5-1							21	15	21	15		2.2					
	WB-26	DIRECTIONAL ARROW (STRAIGHT)	M6-3							21	15	21	15		2.2					
IL RT 53	EB-27	SPEED LIMIT	R2-1	X	X	1004+00.61	43.79 RT			30	36	30	36		7.5		1		10	1
													TOTAL		88.9	58.3	3	3	122	12

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PAVEMENT MARKING SCHEDULE							THERMOPLASTIC PAVEMENT MARKING											
							A	B	C	D	E	F	G	H	I	J	K	L
SHEET NO.	FROM			TO			4" WHITE EDGE LINE	4" YELLOW LANE LINE	4" DOUBLE YELLOW	4" WHITE LINE (10'-DASH 30'-SKIP)	6" WHITE LANE	6" WHITE LINE (2'-DASH 6'-SKIP)	8" WHITE LANE	8" WHITE LINE (2'-DASH 6'-SKIP)	12" YELLOW MEDIAN DIAGONALS @ 45°	12" WHITE CHEVRONS SPACED @ 30' CENTERS	24" WHITE STOP LINE	WHITE LETTERS AND SYMBOLS
	ALIGNMENT	STATION	OFFSET	ALIGNMENT	STATION	OFFSET	78000200				78000400		78000500		78000600		78000650	78000100
1	IL RT 53	995+06.00	26.43'RT	IL RT 53	999+43.00	76.54'RT	450											
1	IL RT 53	996+37.20	34.53'RT	IL RT 53	998+12.95	32.00'RT						176						
1	IL RT 53	998+12.95	32.00'RT	IL RT 53	999+43.00	32.25'RT					131							
1	IL RT 53	995+06.00	14.78'RT	IL RT 53	999+43.00	20.69'RT				438								
1	IL RT 53	995+06.00	1.62'RT	IL RT 53	996+81.46	6.25'RT								176				
1	IL RT 53	996+81.46	6.25'RT	IL RT 53	999+43.46	9.00'RT							263					
1	IL RT 53	996+81.46	6.25'RT	IL RT 53	999+27.00	2.00'RT							245			65		
1	IL RT 53	995+06.00	7.00'LT	IL RT 53	999+27.00	9.90'LT		842										
1	IL RT 53	995+06.00	25.30'LT	IL RT 53	999+18.49	22.77'LT				411								
1	IL RT 53	995+06.00	38.12'LT	IL RT 53	999+27.00	66.00'LT	440											
1	IL RT 53	999+27.00	10.31'RT	IL RT 53	999+27.00	11.00'LT											19	
1	IL RT 53	999+43.00	75.00'RT	IL RT 53	999+43.00	10.30'LT											66	
1	IL RT 53	995+06.00		IL RT 53	999+43.00													109
1	IL RT 7	492+85.51	16.25'RT	IL RT 7	499+34.08	56.10'RT	645											
1	IL RT 7	495+25.09	25.01'RT	IL RT 7	499+06.50	13.49'RT						175						
1	IL RT 7	499+06.5	13.49'RT	IL RT 7	499+34.08	14.42'RT					227							
1	IL RT 7	492+85.51	1.34'LT	IL RT 7	499+34.08	0.50'RT		1307										
1	IL RT 7	492+85.51	17.43'LT	IL RT 7	499+50.54	59.54'LT	680											
1	IL RT 7	499+34.08	55.83'RT	IL RT 7	499+34.08	1.30'RT											55	
1	IL RT 7	492+85.51		IL RT 7	499+34.08													73
1	IL RT 53	1000+68.01	52.52'LT	IL RT 53	1002+00.00	34.83'LT	143											
1	IL RT 53	1000+58.01	23.38'LT	IL RT 53	1002+00.00	23.38'LT				140								
1	IL RT 53	1000+58.01	13.03'LT	IL RT 53	1002+00.00	13.04'LT					141							
1	IL RT 53	1000+74.42	3.00'LT	IL RT 53	1002+00.00	3.00'LT					125							
1	IL RT 53	1000+74.42	8.43'RT	IL RT 53	1002+00.00	8.58'RT		255										
1	IL RT 53	1000+80	21.00'RT	IL RT 53	1002+00.00	21.00'RT				121								
1	IL RT 53	1000+ 44.58	84.62'RT	IL RT 53	1002+00.00	31.83'RT	180											
1	IL RT 53	1000+ 58.00	13.03'LT	IL RT 53	1000+58.00	52.61'LT											41	
1	IL RT 53	1000+ 74.00	13.13'LT	IL RT 53	1000+74.42	7.00'RT											20	
1	IL RT 53	1000+ 74.00		IL RT 53	1000+74.42													73
SUM							2538	2404	0	1110	624	351	508	176	0	65	201	255
SUM 1							2538	2404	0	278	624	88	508	44	0	65	201	255

PAVEMENT MARKING SCHEDULE							THERMOPLASTIC PAVEMENT MARKING											
							A	B	C	D	E	F	G	H	I	J	K	L
SHEET NO.	FROM			TO			4" WHITE EDGE LINE	4" YELLOW LANE LINE	4" DOUBLE YELLOW	4" WHITE LINE (10'-DASH 30'-SKIP)	6" WHITE LANE	6" WHITE LINE (2'-DASH 6'-SKIP)	8" WHITE LANE	8" WHITE LINE (2'-DASH 6'-SKIP)	12" YELLOW MEDIAN DIAGONALS @ 45°	12" WHITE CHEVRONS SPACED @ 30' CENTERS	24" WHITE STOP LINE	WHITE LETTERS AND SYMBOLS
	ALIGNMENT	STATION	OFFSET	ALIGNMENT	STATION	OFFSET	78000200				78000400		78000500		78000600		78000650	78000100
1	IL RT 7	500+83.57	45.04'LT	IL RT 7	504+84.57	27.87'LT	404											
1	IL RT 7	506+37.53	26.49'LT	IL RT 7	507+00.62	25.51'LT	63											
1	IL RT 7	500+83.57	28.13'LT	IL RT 7	501+72.79	28.33'LT					90							
1	IL RT 7	501+72.79	28.33'LT	IL RT 7	503+92.28	30.16'LT						220						
1	IL RT 7	500+83.57	16.26'LT	IL RT 7	504+34.76	16.30'LT					351							
1	IL RT 7	504+34.76	16.30'LT	IL RT 7	504+88.34	15.67'LT						51						
1	IL RT 7	506+37.98	13.93'LT	IL RT 7	507+28.99	12.86'LT						83						
1	IL RT 7	500+83.57	4.29'LT	IL RT 7	504+35.18	4.30'LT					351							
1	IL RT 7	500+80.73	10.23'RT	IL RT 7	504+88.11	8.00'RT			817									
1	IL RT 7	506+40.28	2.67'LT	IL RT 7	507+37.56	10.41'LT			201									
1	IL RT 7	500+80.73		IL RT 7	504+88.11										36			
1	IL RT 7	506+40.28		IL RT 7	507+37.56										18			
1	IL RT 7	500+76.83	59.74'RT	IL RT 7	504+90.06	25.70'RT	414											
1	IL RT 7	506+43.13	25.41'LT	IL RT 7	507+45.17	25.72'RT	102											
1	IL RT 7	500+83.57	7.70'RT	IL RT 7	500+83.57	44.99'LT											53	
1	IL RT 7	500+83.57		IL RT 7	507+45.17													182
2	IL RT 53	1002+00.00	34.83'LT	IL RT 53	1011+38.00	20.75'LT	931											
2	IL RT 53	1002+00.00	24.02'LT	IL RT 53	1011+38.00	11.03'LT				933								
2	IL RT 53	1002+00.00	13.04'LT	IL RT 53	1002+57.78	13.00'LT					58							
2	IL RT 53	1002+57.78	13.00'LT	IL RT 53	1004+38.65	4.98'LT						180						
2	IL RT 53	1002+00.00	8.58'LT	IL RT 53	1011+38.00	2.99'LT					58							
2	IL RT 53	1002+00.00	8.72'RT	IL RT 53	1011+38.00	0.00'RT		1876										
2	IL RT 53	1002+00.00	21.00'RT	IL RT 53	1011+38.00	11.00'RT				941								
2	IL RT 53	1002+00.00	31.83'RT	IL RT 53	1011+38.00	20.69'RT	941											
2	IL RT 53	1002+00.00		IL RT 53	1011+38.00													
SUM							2855	1876	1018	1874	908	534	0	0	54	0	53	182
SUM 2							2855	1876	2036	469	908	134	0	0	54	0	53	182
SUM1+2							5393	4280	2036	746	1532	221	508	44	54	65	254	437
TOTAL							12,455				1,753		552		119		254	437

PAVEMENT MARKING SCHEDULE							MODIFIED URETHANE PAVEMENT MARKING			
							A	C	F	I
SHEET NO.	FROM			TO			4" WHITE EDGE LINE	4" DOUBLE YELLOW	6" WHITE LINE (2'-DASH 6'-SKIP)	12" YELLOW MEDIAN DIAGONALS @ 45°
	ALIGNMENT	STATION	OFFSET	ALIGNMENT	STATION	OFFSET	78009004		78009006	78009012
1	IL RT 7	504+84.57	27.87'LT	IL RT 7	506+37.53	26.49'LT	153			
1	IL RT 7	504+88.34	15.67'LT	IL RT 7	506+37.98	13.93'LT			153	
1	IL RT 7	504+88.11	8.00'RT	IL RT 7	506+40.28	2.67'LT		305		
1	IL RT 7	504+88.11	8.00'RT	IL RT 7	506+40.28	2.67'LT				12
1	IL RT 7	504+90.06	25.70'RT	IL RT 7	506+43.13	25.41'LT	153			
SUM							306	305	153	12
SUM 3							306	610	38.25	12
TOTAL							916		38.25	12



GSG CONSULTANTS, INC.
725 E. REMINGTON RD. SCHUMBURG, IL 60196
TEL: (833) 994-2500 WWW.GSG-CONSULTANTS.COM

USER NAME = \$USERS
DESIGNED -
DRAWN -
PLOT SCALE = \$SCALE\$
CHECKED -
PLOT DATE = 2/9/2024
DATE -

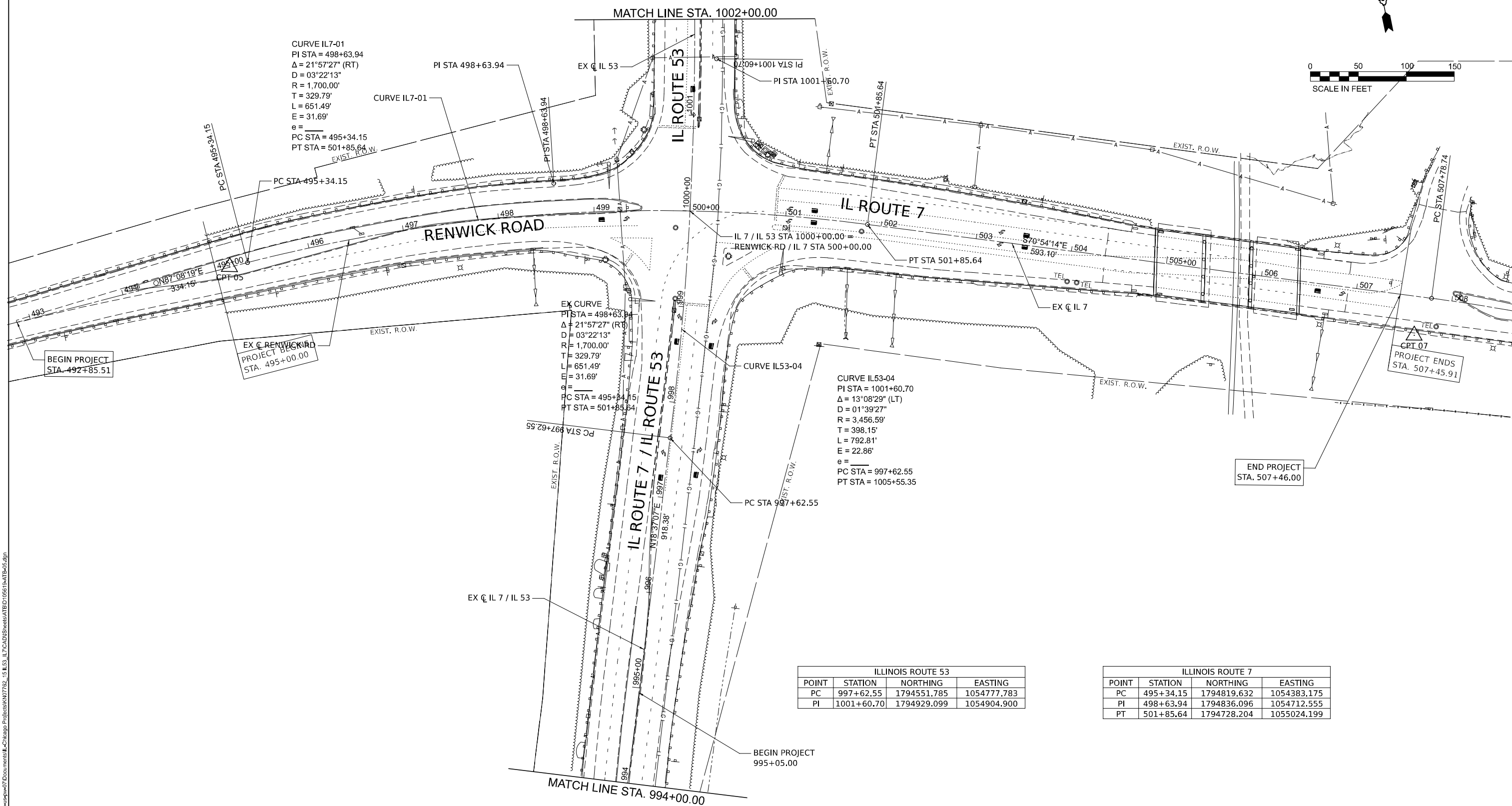
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES

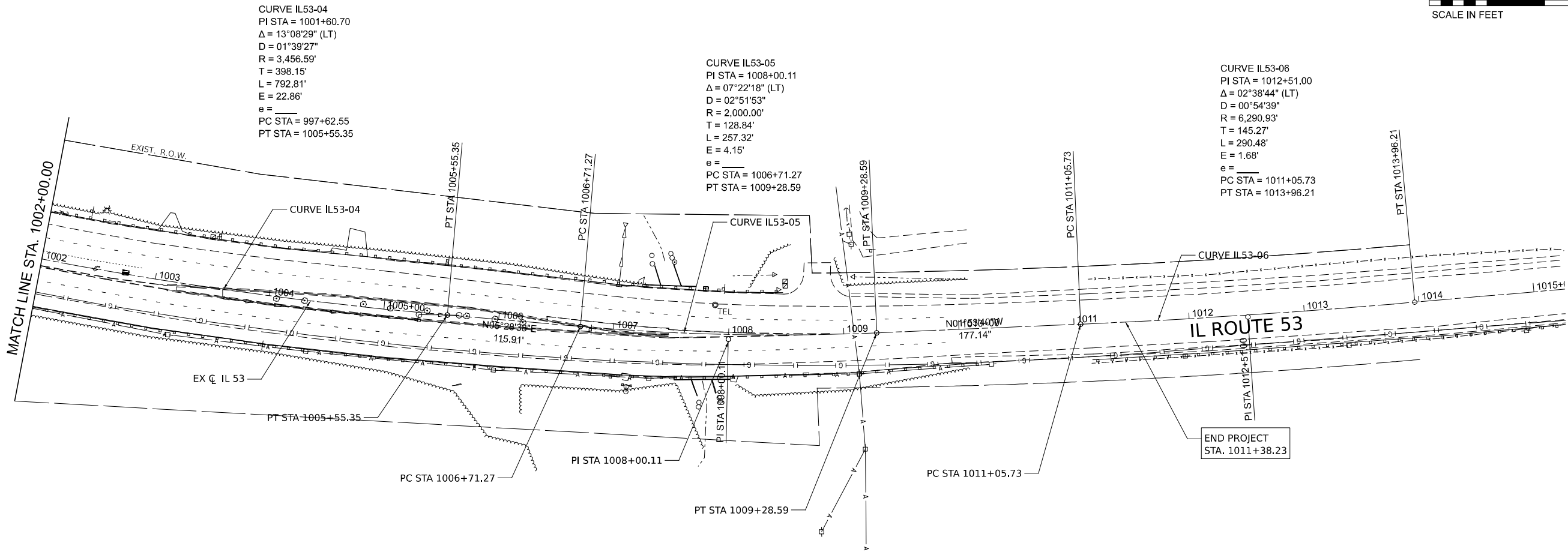
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
351	2019-047-TS	WILL	137	21
CONTRACT NO. 62U76				
		ILLINOIS	FED. AID PROJECT	



ILLINOIS ROUTE 53			
POINT	STATION	NORTHING	EASTING
PC	997+62.55	1794551.785	1054777.783
PI	1001+60.70	1794929.099	1054904.900

ILLINOIS ROUTE 7			
POINT	STATION	NORTHING	EASTING
PC	495+34.15	1794819.632	1054383.175
PI	498+63.94	1794836.096	1054712.555
PT	501+85.64	1794728.204	1055024.199



ILLINOIS ROUTE 53			
POINT	STATION	NORTHING	EASTING
PT	1005+55.35	1795325.432	1054942.904
PC	1006+71.27	1795440.817	1054953.969
PI	1008+00.11	1795569.067	1054966.266
PT	1009+28.59	1795697.835	1054962.007
PC	1011+05.73	1795874.880	1054956.151

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WSP USA Inc.

30 N. LA SALLE STREET

SUITE 4200

CHICAGO, IL 60602

TEL: (312) 782-8150

FAX: (312) 732-1684

USER NAME = USHA689697	DESIGNED - ZRE	REVISED -
	DRAWN - ZRE	REVISED -
PLOT SCALE = 1:100	CHECKED - XXX	REVISED -
PLOT DATE = 2/5/2024	DATE - 07/14/2023	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

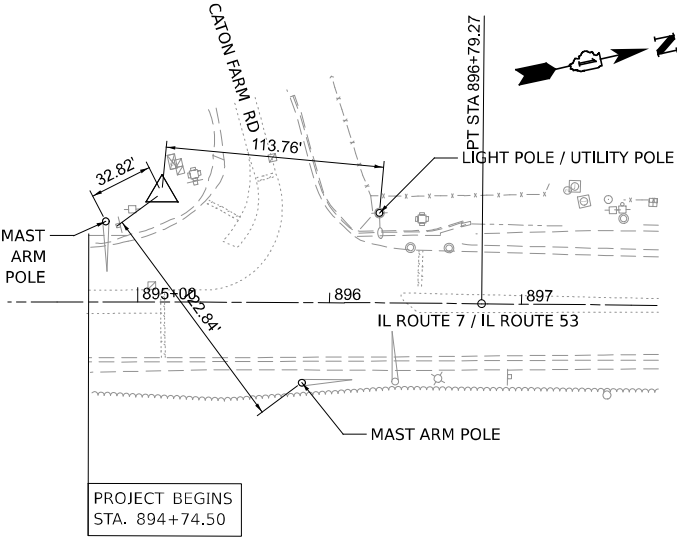
ALIGNMENT, TIES, AND BENCHMARKS

SCALE: SHEET OF SHEETS STA. 1002+00.00 TO STA. 1011+38.23

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
351	2019-047-TS	WILL	137	23
CONTRACT NO. 62U76				
ILLINOIS FED. AID PROJECT				

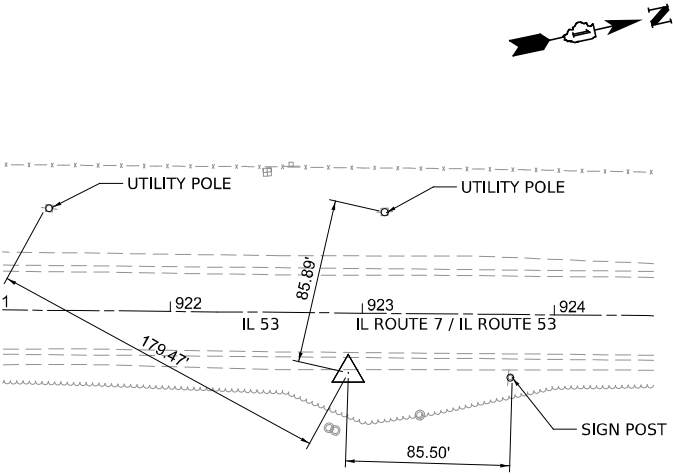
CONTROL POINT #01
IRON ROD WITH CAP

CL IL 7 / IL 53 STA. 895+12.34, 56.84' LT
N. 1784876.283
E. 1051497.157
EL. 584.994



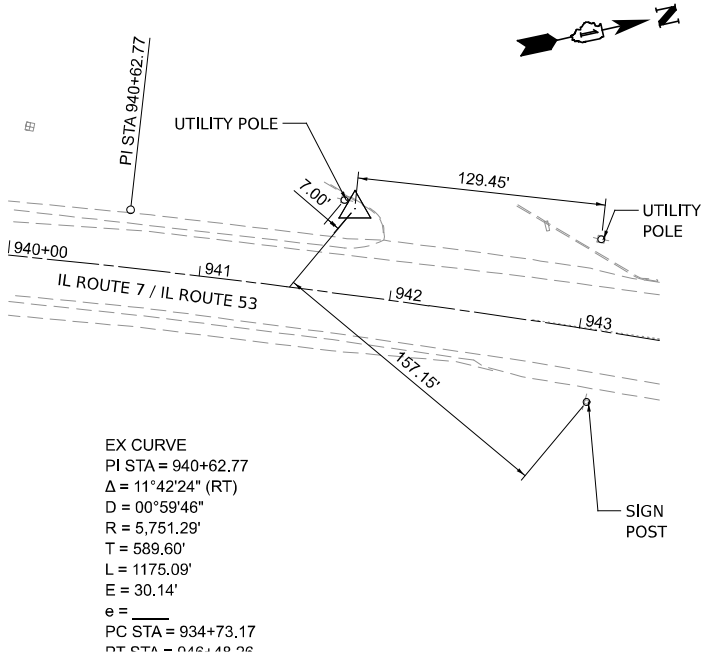
CONTROL POINT #02
IRON ROD WITH CAP

CL IL 7 / IL 53 STA. 922+92.96, 31.21' RT
N. 1787567.590
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EL. 584.451



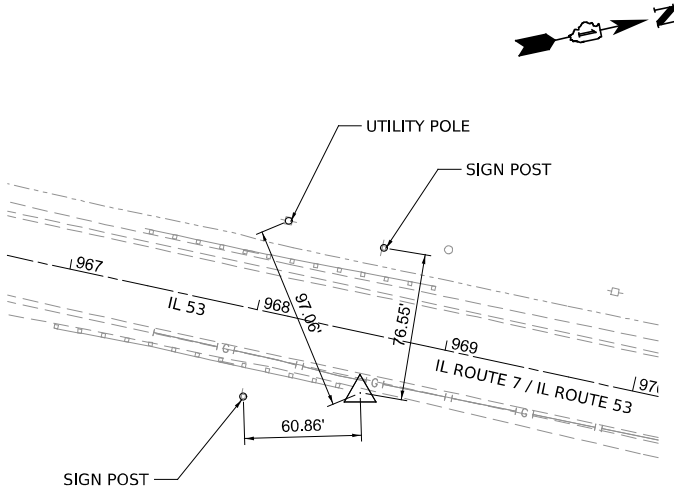
CONTROL POINT #03
CHISELED X ON BOLT

CL IL 7 / IL 53 STA. 941+76.39, 44.81' LT
N. 1789413.987
E. 1052590.801
EL. 607.420



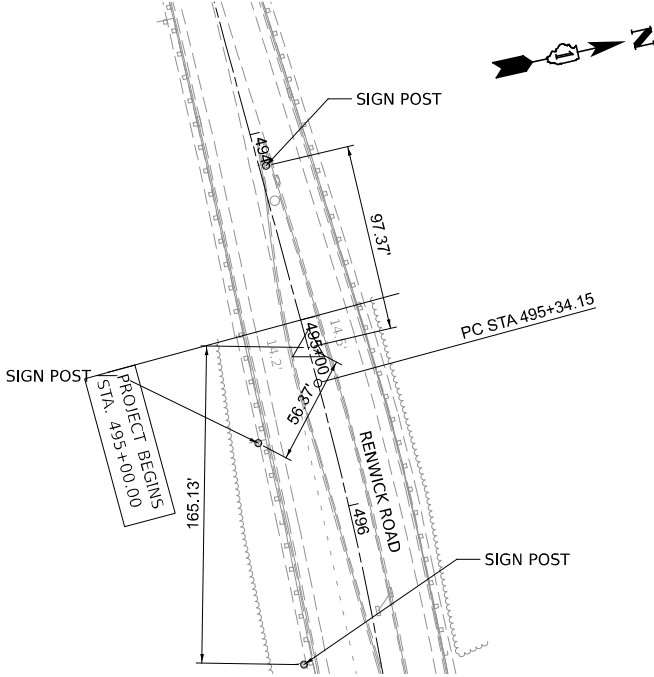
CONTROL POINT #04
IRON ROD WITH CAP

CL IL 7 / IL 53 STA. 967+61.47, 31.08' RT
N. 1791835.570
E. 1053760.779
EL. 612.003



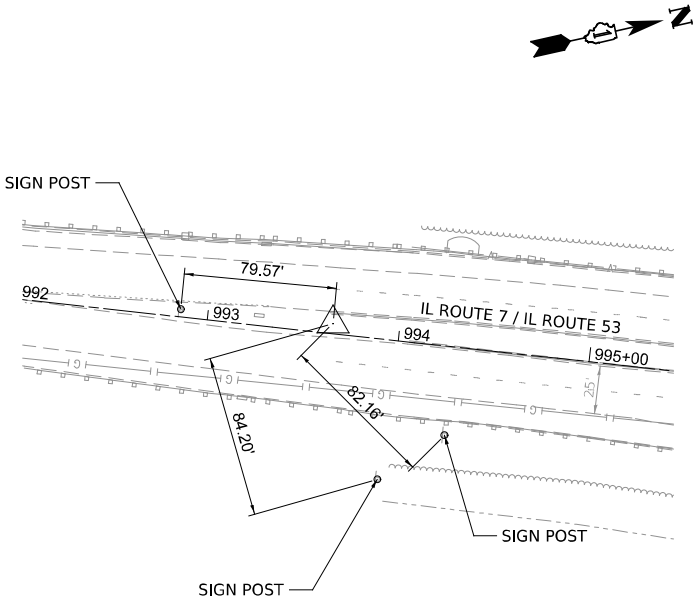
CONTROL POINT #05
IRON ROD WITH CAP

CL RENWICK RD STA. 495+14.97, 0.33' LT
N. 1794819.000
E. 1054364.000
EL. 610.896



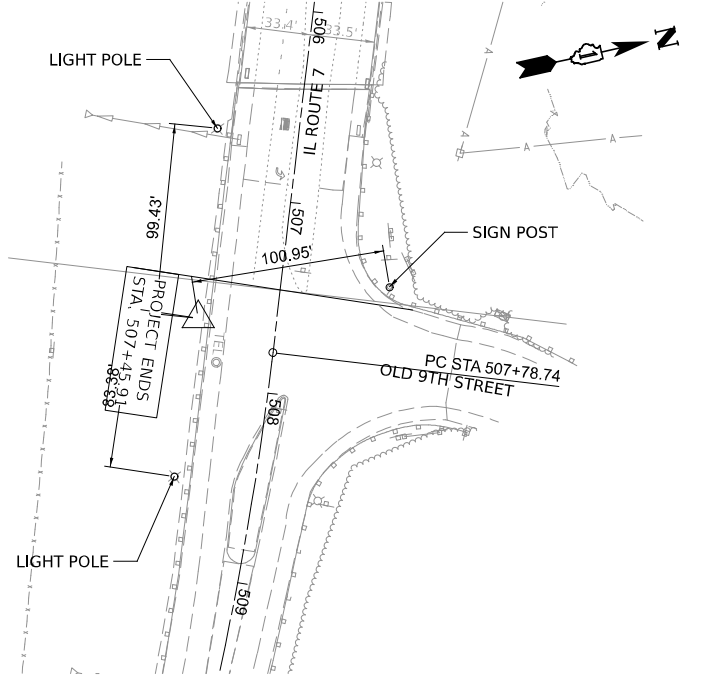
CONTROL POINT #06
CHISELED X IN MEDIAN

CL IL 7 / IL 53 STA. 993+65.30, 5.23' LT
N. 1794177.000
E. 1054646.000
EL. 619.385



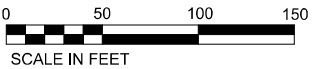
CONTROL POINT #07
CHISELED X ON BOLT

CL IL-7 STA. 507+65.67, 40.69' RT
N. 1794500.000
E. 1055559.000
EL. 593.21



BENCHMARKS

BM#	ELEVATION	DESCRIPTION
1	619.671	BRASS DISC IN N. END OF 8" HEADWALL W. SIDE OF IL-53 +/- 2000' N. OF IL-7
2	617.670	CHISELED X ON TOP OF CONCRETE HEADWALL ON N. EDGE OF E. SIDE IL-53 +/- 600' N. OF IL-7
3	611.134	SQUARE CUT ON TOP OF CURB +/- 7' NORTH OF CONTROL POINT #05
4	619.525	SQUARE CUT ON TOP OF CURB +/- 5' EAST OF CONTROL POINT #06
5	596.728	SQUARE CUT IN CENTERLINE OF MEDIAN +/- 50' MEDIAN @ ENTRANCE TO HANSON MATERIAL



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WSP USA Inc.
30 N. LASALLE STREET
SUITE 4200
CHICAGO, IL 60602
TEL: (312) 782-8150
FAX: (312) 732-1684

USER NAME = USHA689697
PLOT SCALE = 1:100
PLOT DATE = 2/5/2024

DESIGNED - ZRE
DRAWN - ZRE
CHECKED - XXX
DATE - 07/14/2023

REVISED -
REVISED -
REVISED -
REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ALIGNMENT, TIES, AND BENCHMARKS

SCALE: AS SHOWN SHEET OF SHEETS STA. TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
351	2019-047-TS	WILL	137	24
CONTRACT NO. 62U76				
ILLINOIS FED. AID PROJECT				

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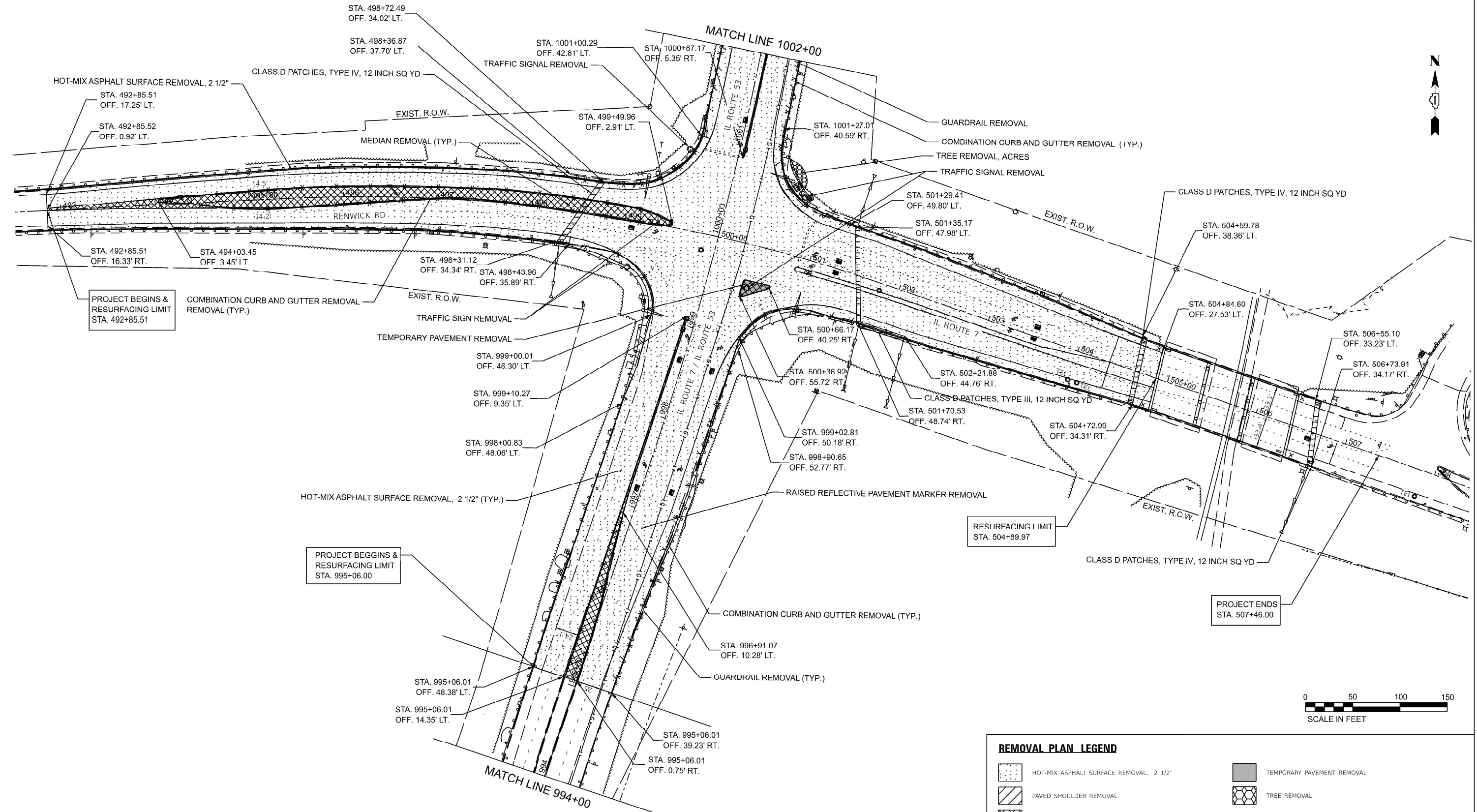
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

REMOVAL PLAN

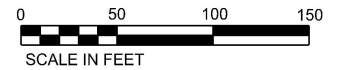
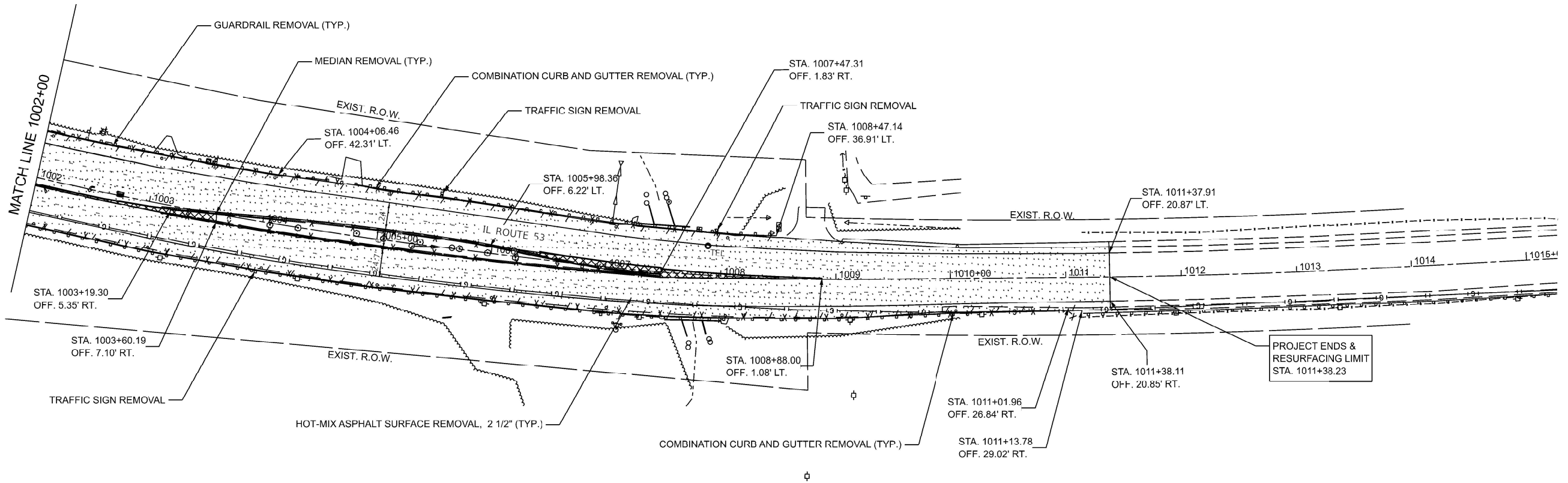
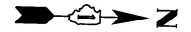
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
351	2019-047-TS	WILL	137	25
CONTRACT NO. 62U76				
ILLINOIS FED. AID PROJECT				



REMOVAL PLAN LEGEND

	HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/2"		TEMPORARY PAVEMENT REMOVAL
	PAVED SHOULDER REMOVAL		TREE REMOVAL
	MEDIAN REMOVAL		GUARDRAIL REMOVAL
	CLASS D PATCHES, TYPE III, 12 INCH		COMBINATION CURB AND GUTTER REMOVAL
	CLASS D PATCHES, TYPE III, 12 INCH		



REMOVAL PLAN LEGEND

- | | | | |
|--|--|--|-------------------------------------|
| | HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/2" | | TEMPORARY PAVEMENT REMOVAL |
| | PAVED SHOULDER REMOVAL | | TREE REMOVAL |
| | MEDIAN REMOVAL | | GUARDRAIL REMOVAL |
| | CLASS D PATCHES, TYPE III, 12 INCH
CLASS D PATCHES, TYPE III, 12 INCH | | COMBINATION CURB AND GUTTER REMOVAL |

MODEL: Unimatic Plan - Plan 2
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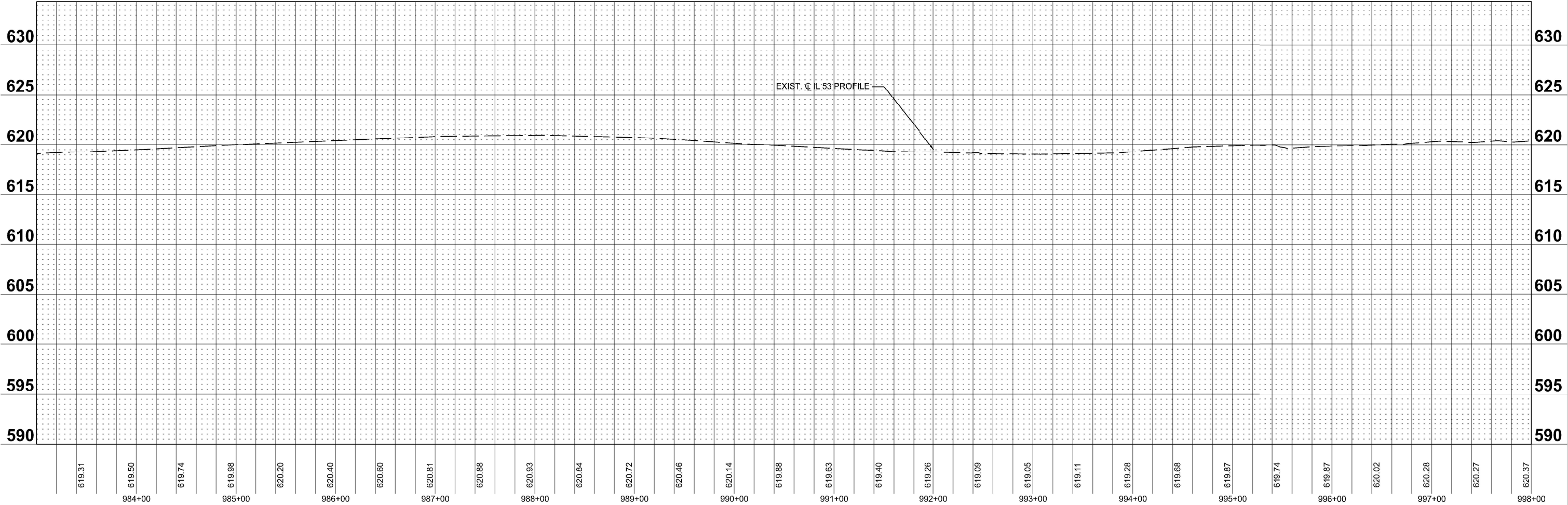
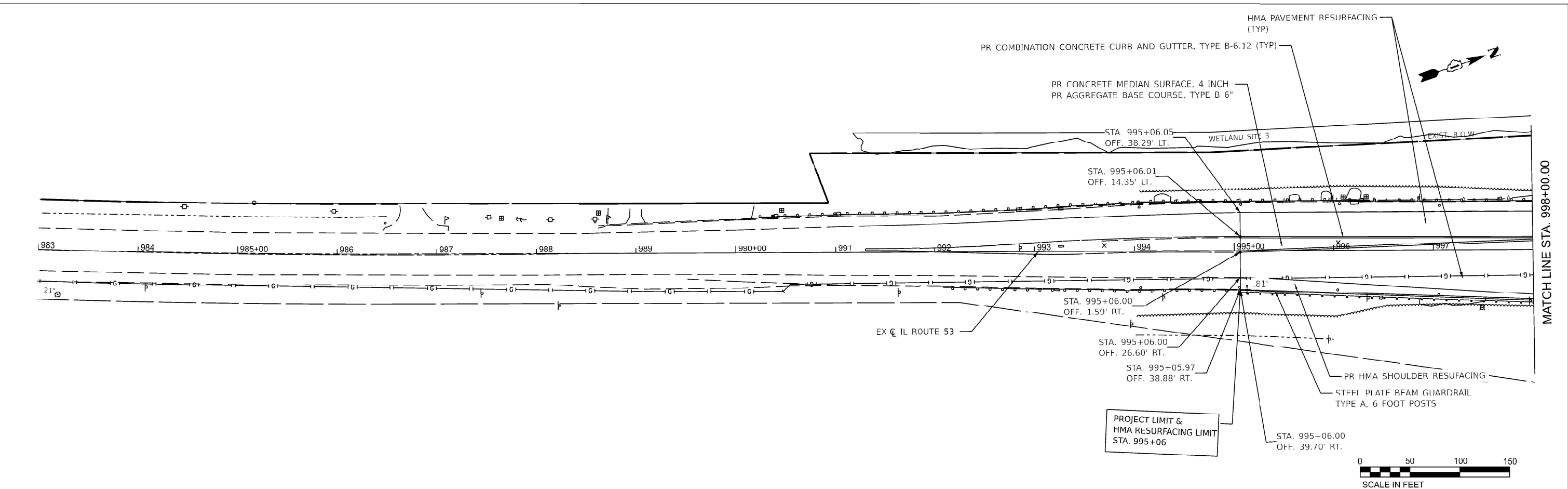
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

REMOVAL PLAN

SCALE: 1:50 SHEET 2 OF 2 SHEETS STA. 1002+00 TO STA. 1015+00

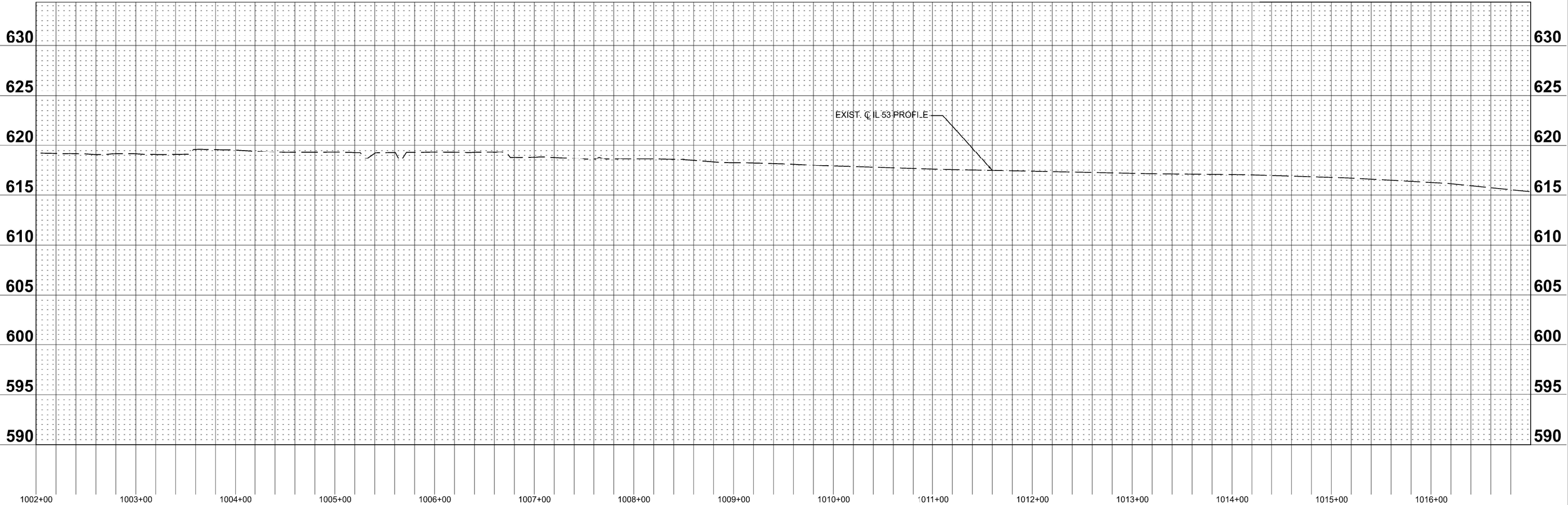
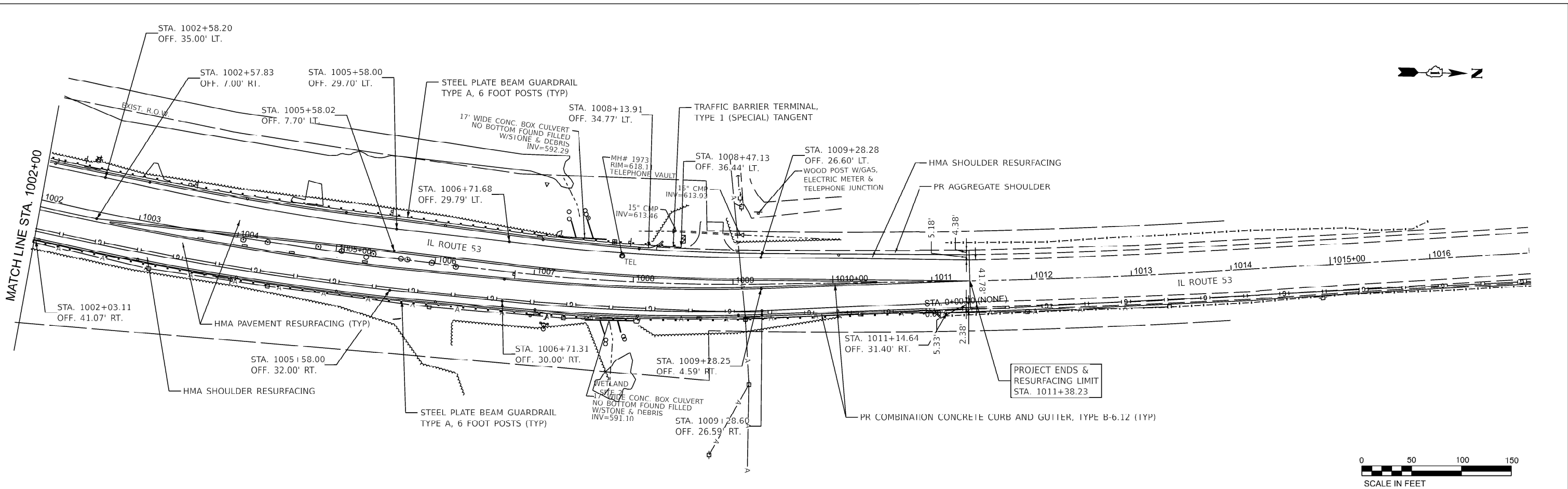
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351	2019-047-TS	WILL	137	26
CONTRACT NO. 62U76				
ILLINOIS FED. AID PROJECT				

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GSG CONSULTANTS, INC. 735 E. REMINGTON RD., SCHLAUSBURG, IL 60133 TEL: (630) 994-2500 WWW.GSG-CONSULTANTS.COM	USER NAME = balbadr		DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION				PLAN AND PROFILE				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	DRAWN -		REVIS	ED -									351	2019-047-TS	WILL	137	27
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	PLOT DATE = 2/9/2024		DATE -	REVISED -									ILLINOIS FED. AID PROJECT				
						SCALE: 1:50		SHEET 7		OF 9 SHEETS		STA. 983+00		TO STA. 998+00			

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 GSG CONSULTANTS, INC. 735 E. REMINGTON RD., SCHLAUSBURG, IL 60473 TEL: (833) 994-2500 WWW.GSG-CONSULTANTS.COM	USER NAME = balbadr		DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PLAN AND PROFILE						F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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	PLOT DATE = 2/9/2024		DATE -	REVISED -		ILLINOIS FED. AID PROJECT										
						SCALE: 1:50			SHEET 3 OF 3 SHEETS			STA. 1002+00 TO STA. 1017+00				

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NOTE: IN LOCATIONS WHERE THE EXISTING PAVEMENT SURFACE HAS BEEN MILLED AND IS READY TO ACCEPT TRAFFIC, PLACE TEMPORARY PAVEMENT MARKINGS IN LOCATIONS IDENTICAL TO THOSE FOUND IN THE EXISTING CONFIGURATION.

REMOVE EXISTING CORNER ISLAND AT SE CORNER OF IL 53 AND IL 7/RENWICK ROAD INTERSECTION AND CONSTRUCT TEMPORARY PAVEMENT IN ITS PLACE, STA. 500+36 TO STA. 500+67.

CONSTRUCT PROPOSED CATCH BASINS AND STORM SEWERS ALONG IL 7/RENWICK ROAD USING LANE CLOSURES. MAINTAIN 24/7 TRAFFIC ACCESS USING THE TEMPORARY PAVEMENT BUILT IN THE MEDIAN OF RENWICK ROAD.

ON MILLED SURFACES, PLACE TEMPORARY PAVEMENT MARKINGS (PAINT) TO MAINTAIN THE EXISTING TRAFFIC CONFIGURATION.

MILL ALL EXISTING HMA PAVEMENT ALONG RENWICK ROAD AND THE EAST LEG OF IL 7 WITHIN THE RESURFACING LIMITS.

MILL/RESURFACE OUTER LANES AND SHOULDER OF IL 53 FROM STA. 995+06 TO STA. 1011+38. REMOVE AND REPLACE GUARDRAIL AND CONSTRUCT PROPOSED COMBINATION CONCRETE CURB AND GUTTER AS INDICATED IN THE PLANS BETWEEN THESE LIMITS.

PROVIDE ONE 11' LANE IN EACH DIRECTION OF IL 7 AND RENWICK ROAD. MAINTAIN ONE 11' LEFT TURN LANE IN EACH DIRECTION.

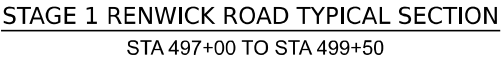
PLACE HMA BINDER AND SURFACE COURSE ALONG RENWICK ROAD AND THE EAST LEG OF IL 7 WITHIN THE RESURFACING LIMITS.

CONSTRUCT PROPOSED PCC MEDIANS FROM STA. 995+06 TO STA. 1011+38.

PROVIDE ONE 11' LANE IN EACH DIRECTION OF IL 53 IN ACCORDANCE WITH STANDARDS 701422 AND 701426. INCLUDE ONE 11' LEFT TURN LANE IN EACH DIRECTION AT THE INTERSECTION WITH IL 7 AND RENWICK ROAD.

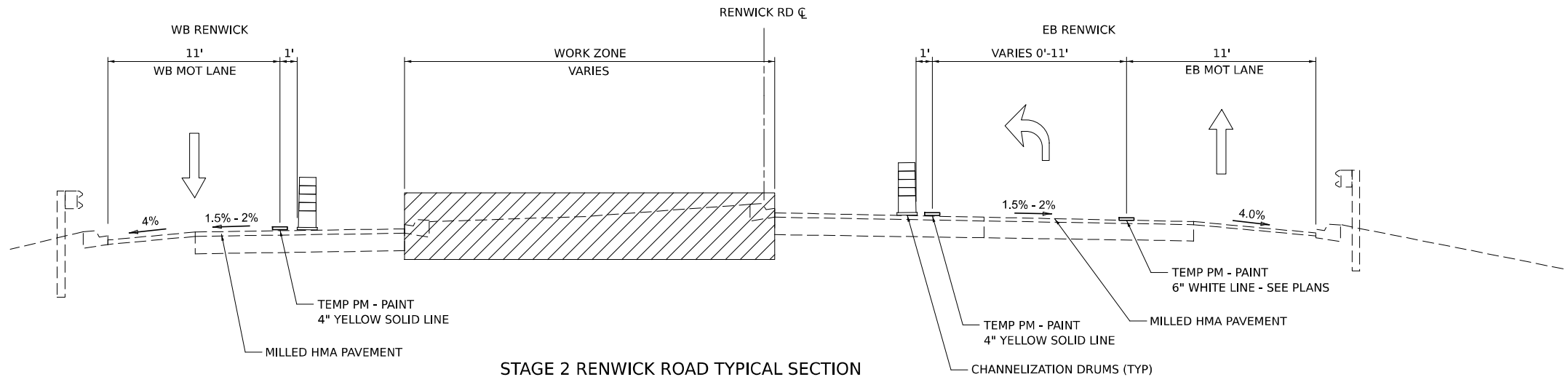
TRAFFIC ALONG IL 7/RENWICK ROAD ASSUMES ITS FINAL CONFIGURATION. FOR HMA PAVEMENT CONSTRUCTION, PLACE WORK ZONES AND TRAFFIC CONTROL ACCORDING TO STANDARD 701427-05.

 WSP USA Inc. 30 N. LASALLE STREET SUITE 4200 CHICAGO, IL 60602 TEL: (312) 782-6150 FAX: (312) 782-1684	USER NAME = USHA689697	DESIGNED - ZRE	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	MAINTENANCE OF TRAFFIC GENERAL NOTES AND NARRATIVE					F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 1:2	DRAWN - ZRE	REVISED -							351	2019-047-TS	WILL	137	30
	PLOT DATE = 2/9/2024	CHECKED - TMT	REVISED -		CONTRACT NO. 62U76									
	DATE = 07/14/2023	REVISED -	REVISED -		SCALE:	SHEET	OF	SHEETS	STA.	TO STA.				

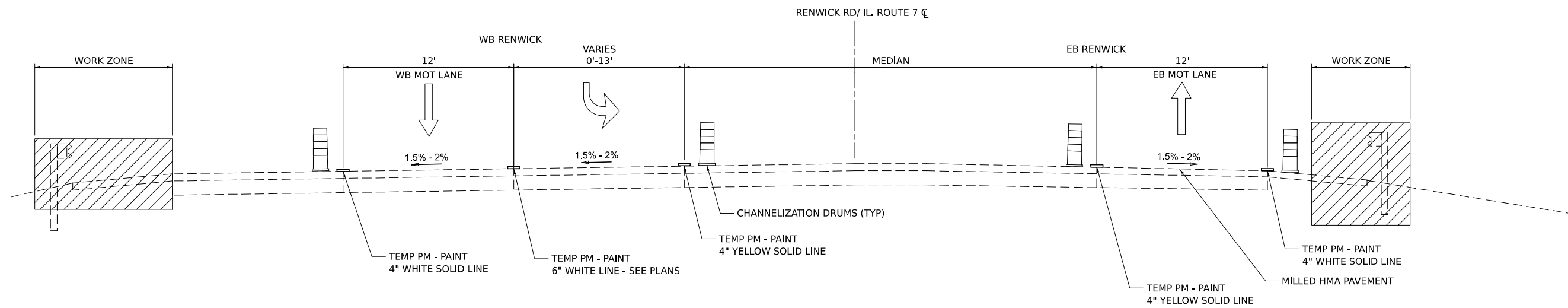


TEMPORARY PAVEMENT CONSTRUCTED IN THIS STAGE

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
351	2019-047-TS	WILL	137	31
		CONTRACT NO. 62U76		
ILLINOIS		FED. AID PROJECT		



STAGE 2 RENWICK ROAD TYPICAL SECTION
STA 492+85 TO STA 499+50



STAGE 2 ILLINOIS ROUTE 7 TYPICAL SECTION
STA 500+75 TO STA 505+00

LEGEND



MODEL: \$MODELNAME\$
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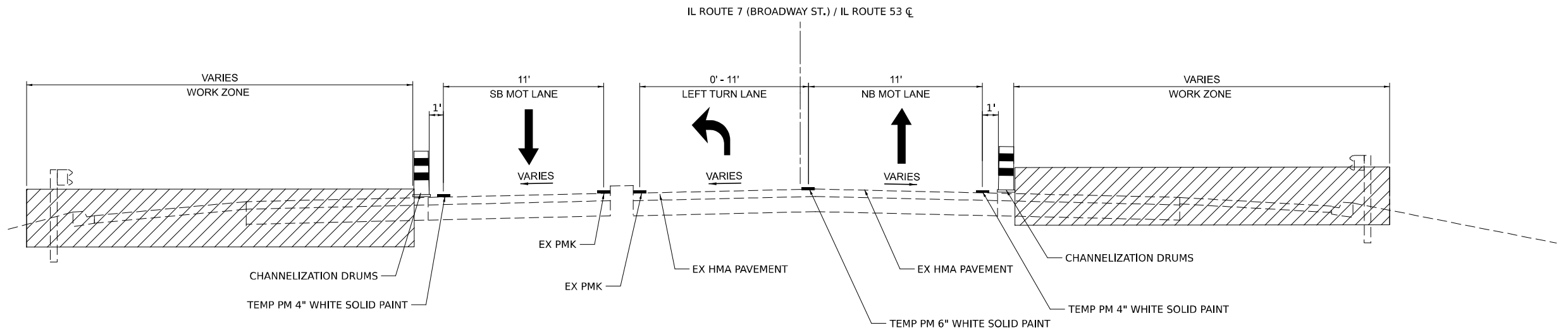
WSP USA Inc.
30 N. LASALLE STREET
SUITE 4200
CHICAGO, IL 60602
TEL: (312) 782-8150
FAX: (312) 732-1084

USER NAME = USHA689697	DESIGNED -	REVISED -
DRAWN -	REVISED -	
PLOT SCALE = 1:0.166867	CHECKED -	REVISED -
PLOT DATE = 2/9/2024	DATE = 07/14/2023	REVISED -

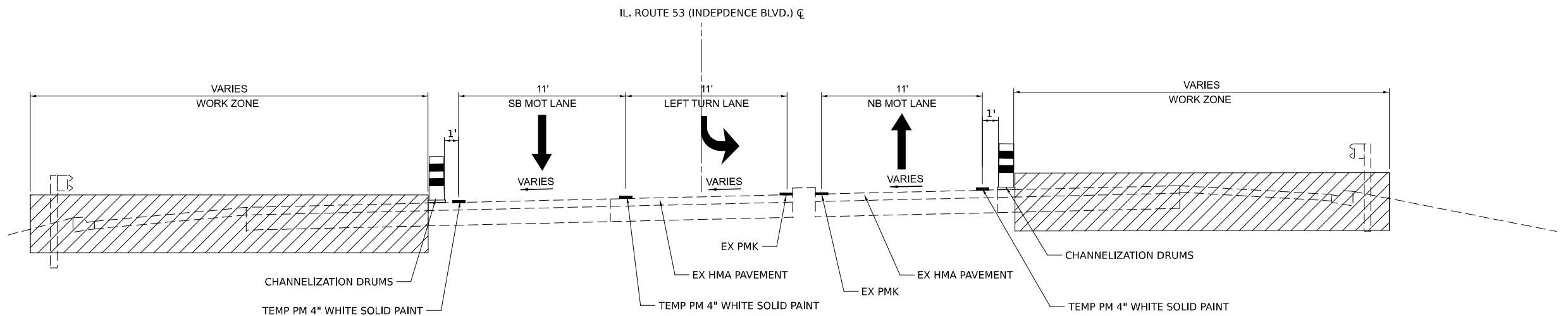
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MOT TYPICAL SECTION - IL ROUTE 7/RENWICK ROAD			
STAGE 2			
SCALE:	SHEET	OF SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
351	2019-047-TS	WILL	137	32
CONTRACT NO. 62U76				
ILLINOIS FED. AID PROJECT				



STAGE 2 IL ROUTE 7 (BROADWAY ST.) / ROUTE 53 TYPICAL SECTION
STA 995+06 TO STA 999+07



STAGE 2 IL ROUTE 53 (INDEPENDENCE BLVD.) TYPICAL SECTION
STA 1000+88 TO STA 1008+50

LEGEND

 WORK ZONE

MODEL: \$MODELNAME\$
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30 N. LASALLE STREET
SUITE 4200
CHICAGO, IL 60602
TEL: (312) 782-8150
FAX: (312) 732-1684

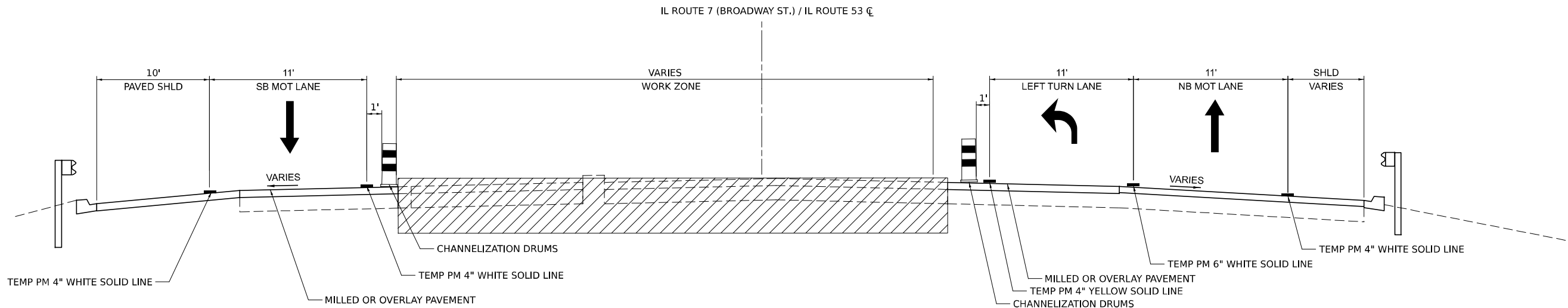
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PLOT DATE	= 2/9/2024	DATE	= 07/14/2023	REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

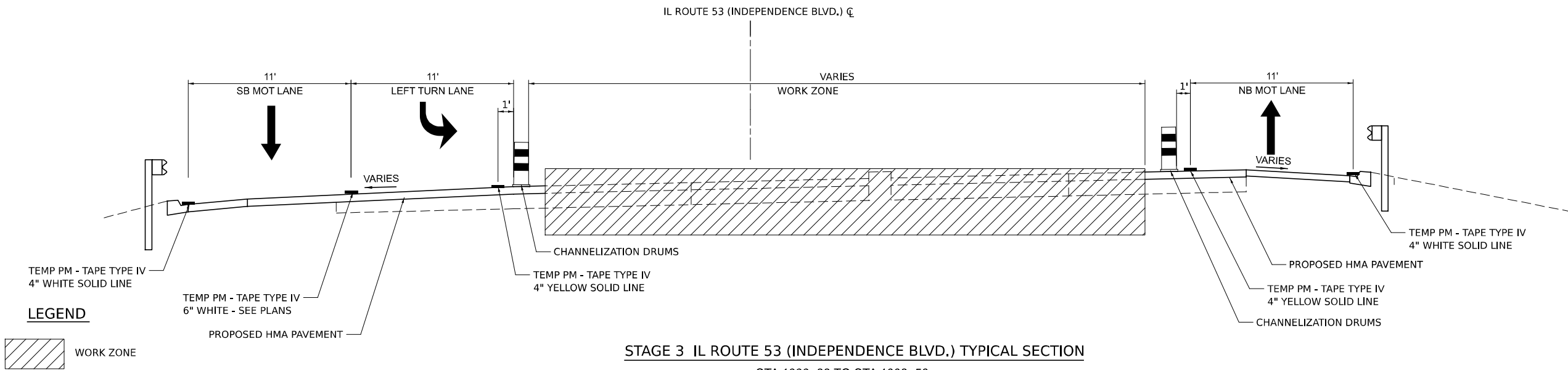
MOT TYPICAL SECTION – IL ROUTE 7 / IL ROUTE 53
STAGE 2

SCALE:	SHEET	OF	SHEETS	STA.	TO STA.
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F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
351	2019-047-TS	WILL	137	33
CONTRACT NO. 62U76				
		ILLINOIS	FED. AID PROJECT	



STAGE 3 IL ROUTE 7 (BROADWAY ST.) / IL ROUTE 53 TYPICAL SECTION
STA 995+06 TO STA 999+07



STAGE 3 IL ROUTE 53 (INDEPENDENCE BLVD.) TYPICAL SECTION
STA 1000+88 TO STA 1008+50

MODEL: \$MODELNAME\$
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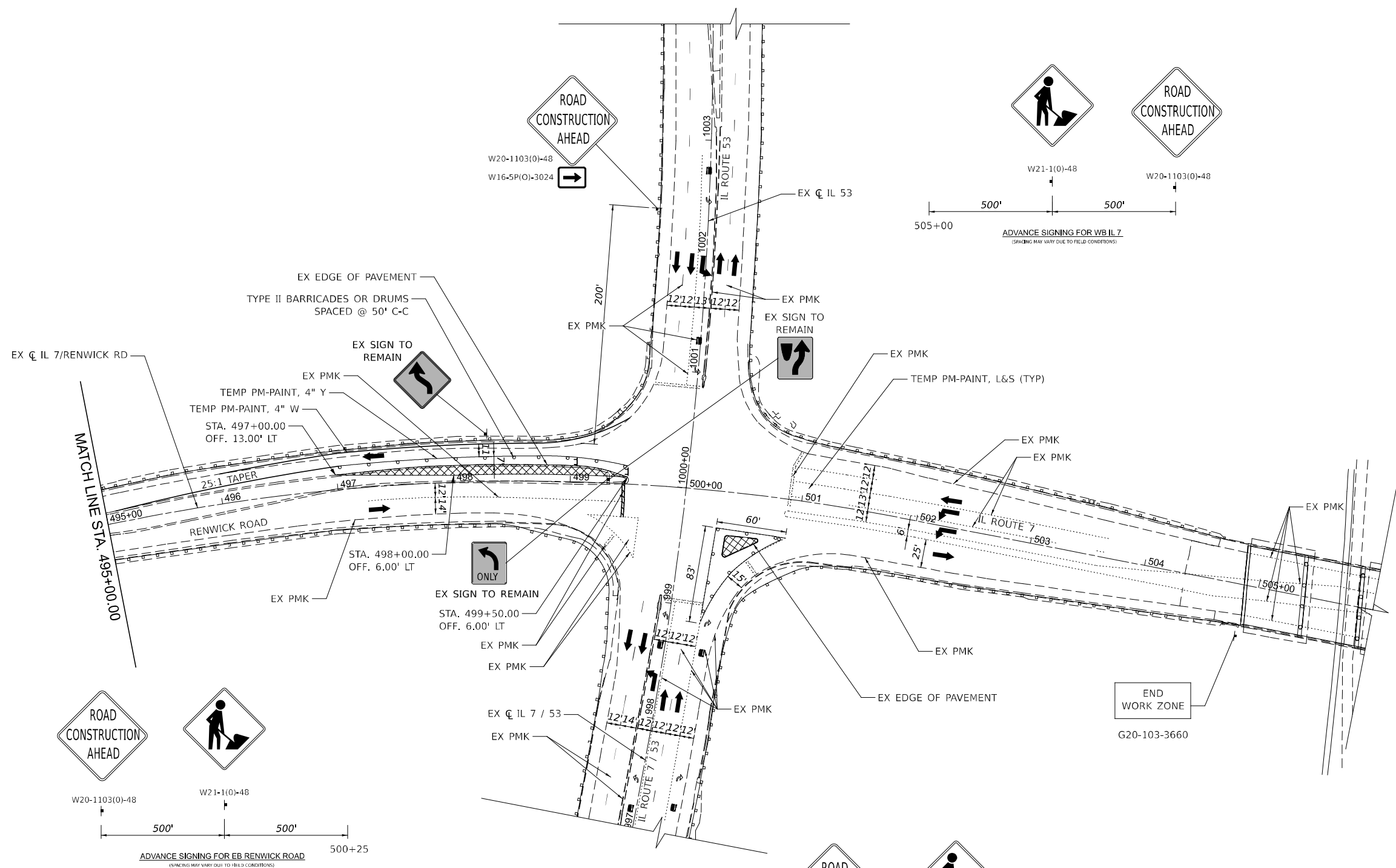
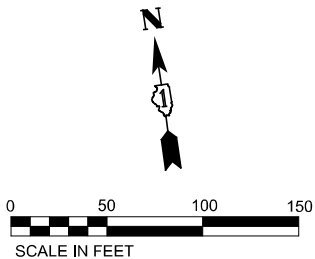
WSP USA Inc.
30 N. LASALLE STREET
SUITE 4200
CHICAGO, IL 60602
TEL: (312) 782-8150
FAX: (312) 732-1084

USER NAME = USHA689697	DESIGNED -	REVISED -
DRAWN -	DRAWN -	REVISED -
PLOT SCALE = 1:8	CHECKED -	REVISED -
PLOT DATE = 2/9/2024	DATE - 07/14/2023	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MOT TYPICAL SECTION - IL ROUTE 7 /IL ROUTE 53			
STAGE 3			
SCALE:	SHEET	OF SHEETS	STA. TO STA.

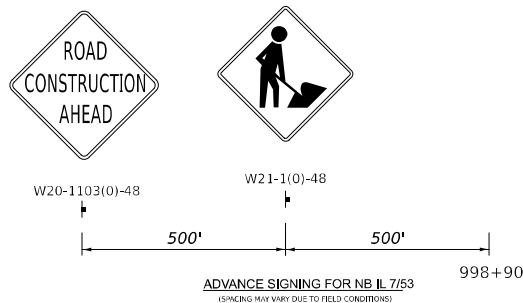
F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
351	2019-047-TS	WILL	137	34
CONTRACT NO. 62U76				
ILLINOIS FED. AID PROJECT				



LEGEND

- | | | |
|---|---------------------------------|-------------------|
| CONSTRUCTION WORK ZONE | TYPE III BARRICADE | PCMS BOARD |
| TEMP PVMT CONSTRUCTED THIS STAGE | TYPE II BARRICADE OR DRUM | CONSTRUCTION SIGN |
| TEMP PVMT CONSTRUCTED IN PREVIOUS STAGE | DIRECTIONAL INDICATOR BARRICADE | IMPACT ATTENUATOR |

NOTES:



MODEL: \$MODELNAME\$
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wsp
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30 N. LASALLE STREET
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CHICAGO, IL 60602
TEL: (312) 782-8150
FAX: (312) 732-1084

USER NAME	= USHA689697
DESIGNED	-
DRAWN	-
PLOT SCALE	= 1:0.166867
PLOT DATE	= 2/9/2024

REVISED	-
REVISED	-
CHECKED	-
REVISED	-
DATE	= 07/14/2023
REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MOT STAGE 1

SCALE: AS SHOWN SHEET OF SHEETS STA. TO STA.

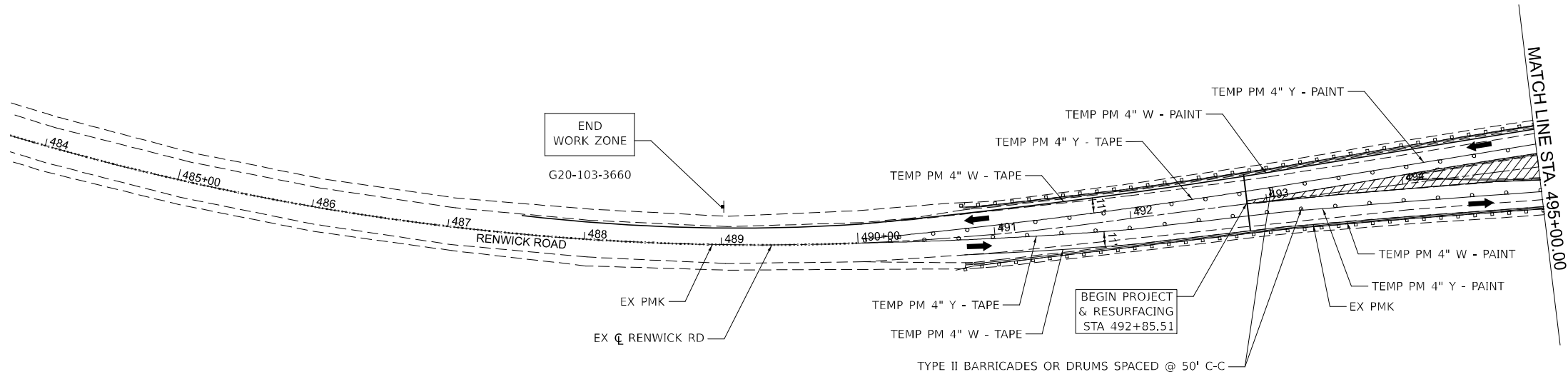
F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
351	2019-047-TS	WILL	137	36
CONTRACT NO. 62U76				
ILLINOIS FED. AID PROJECT				



W20-1103(O)-48



W21-1(O)-48



LEGEND

- | | | |
|---|---------------------------------|-------------------|
| CONSTRUCTION WORK ZONE | TYPE III BARRICADE | PCMS BOARD |
| TEMP PVMT CONSTRUCTED THIS STAGE | TYPE II BARRICADE OR DRUM | CONSTRUCTION SIGN |
| TEMP PVMT CONSTRUCTED IN PREVIOUS STAGE | DIRECTIONAL INDICATOR BARRICADE | IMPACT ATTENUATOR |

MODEL: \$MODELNAME\$
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30 N. LASALLE STREET

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FAX: (312) 732-1984

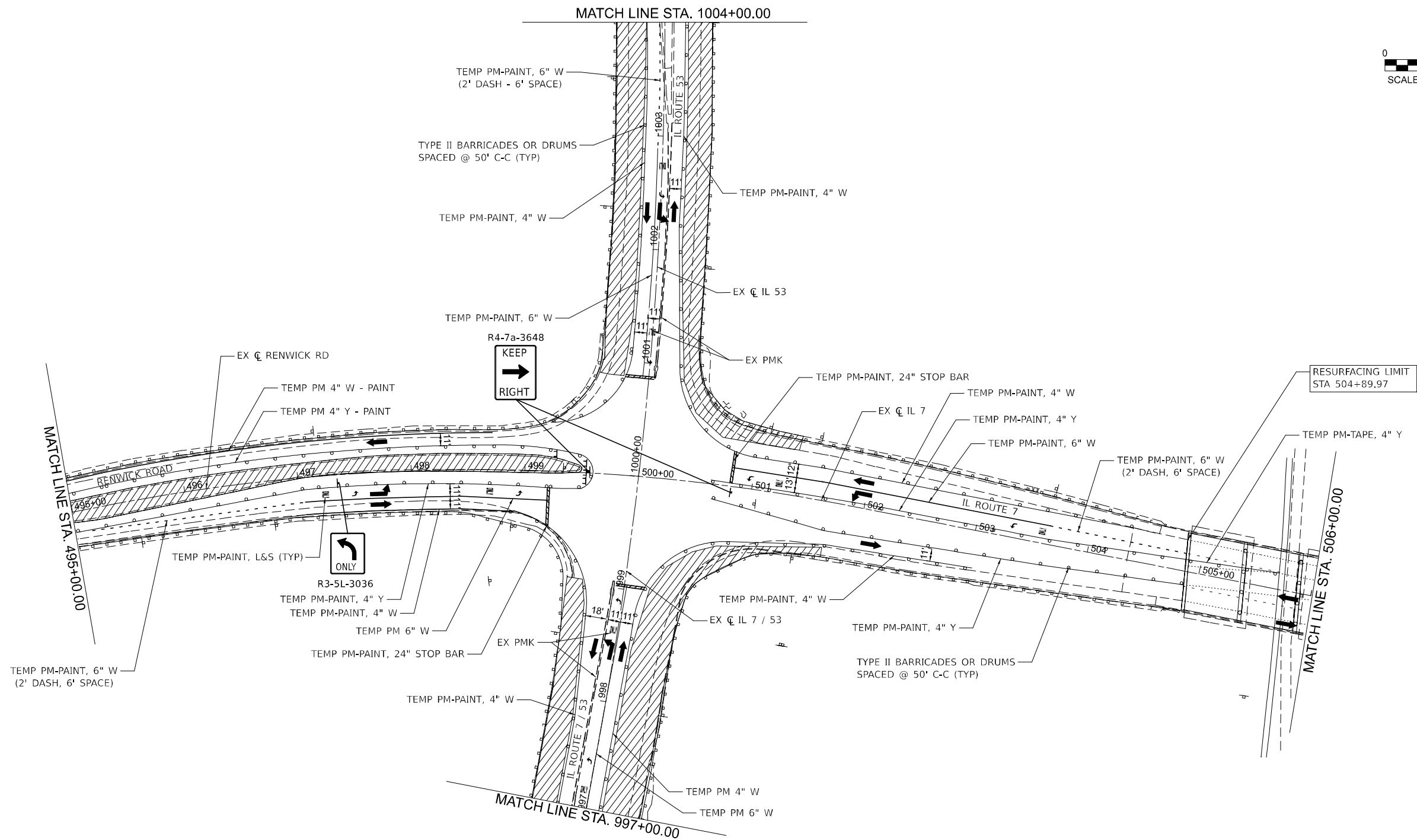
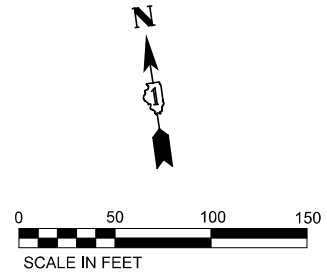
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PLOT DATE	= 2/9/2024	DATE	= 07/14/2023	REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MOT STAGE 2

SCALE: AS SHOWN SHEET OF SHEETS STA. TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
351	2019-047-TS	WILL	137	37
CONTRACT NO. 62U76				
		ILLINOIS	FED. AID PROJECT	



LEGEND

- | | | |
|---|---|---|
|  CONSTRUCTION WORK ZONE |  TYPE III BARRICADE |  PCMS BOARD |
|  TEMP PVMT CONSTRUCTED THIS STAGE |  TYPE II BARRICADE OR DRUM |  CONSTRUCTION SIGN |
|  TEMP PVMT CONSTRUCTED IN PREVIOUS STAGE |  DIRECTIONAL INDICATOR BARRICADE |  IMPACT ATTENUATOR |



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FAX: (312) 732-1684

USER NAME	= USHA689697	DESIGNED	-	REVISED	-
DRAWN	-	REVIS	-	REVISED	-
PLOT SCALE	= 1:0.166867	CHECKED	-	REVISED	-
PLOT DATE	= 2/9/2024	DATE	= 07/14/2023	REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MOT STAGE 2

SCALE: AS SHOWN SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
351	2019-047-TS	WILL	137	38
CONTRACT NO. 62U76				
ILLINOIS FED. AID PROJECT				

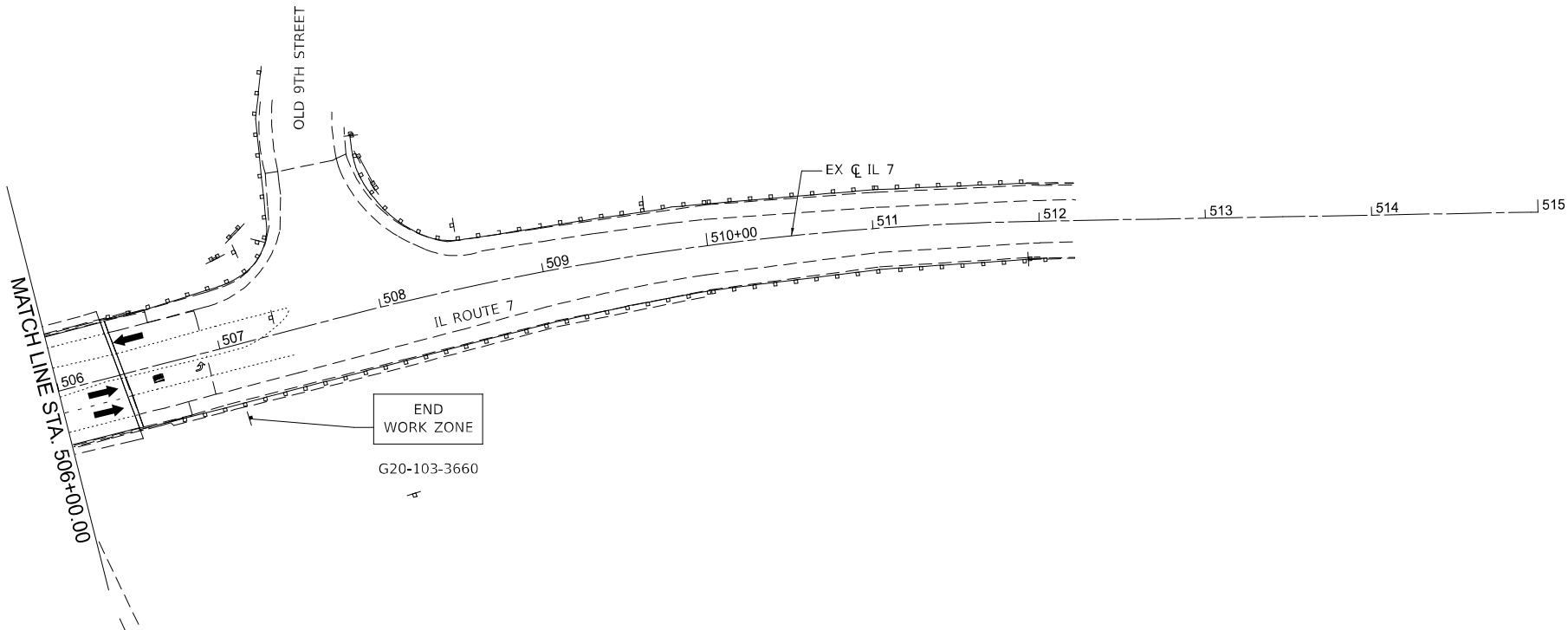
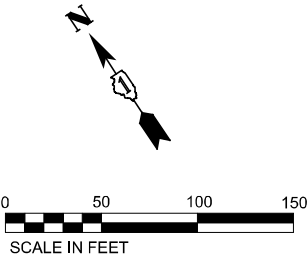
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W21-1(O)-48



W20-1103(O)-48



LEGEND

-  CONSTRUCTION WORK ZONE
-  TEMP PVMT CONSTRUCTED THIS STAGE
-  TEMP PVMT CONSTRUCTED IN PREVIOUS STAGE
-  TYPE III BARRICADE
-  TYPE II BARRICADE OR DRUM
-  DIRECTIONAL INDICATOR BARRICADE
-  PCMS BOARD
-  CONSTRUCTION SIGN
-  DIRECTION OF TRAFFIC
-  IMPACT ATTENUATOR



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SUITE 4200
CHICAGO, IL 60602
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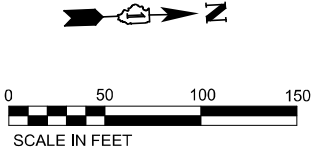
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PLOT DATE	= 2/9/2024	DATE	= 07/14/2023	REVISION	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MOT STAGE 2

SCALE: AS SHOWN SHEET OF SHEETS STA. TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
351	2019-047-TS	WILL	137	39
CONTRACT NO. 62U76				
ILLINOIS FED. AID PROJECT				



	CONSTRUCTION WORK ZONE		TYPE III BARRICADE		PCMS BOARD
	TEMP PVMT CONSTRUCTED THIS STAGE		TYPE II BARRICADE OR DRUM		CONSTRUCTION SIGN
	TEMP PVMT CONSTRUCTED IN PREVIOUS STAGE		DIRECTIONAL INDICATOR BARRICADE		DIRECTION OF TRAFFIC
					IMPACT ATTENUATOR

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

MOT STAGE 2					F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
					351	2019-047-TS	WILL	137	41
					CONTRACT NO. 62U76				
SCALE: AS SHOWN	SHEET	OF	SHEETS	STA.	TO STA.				



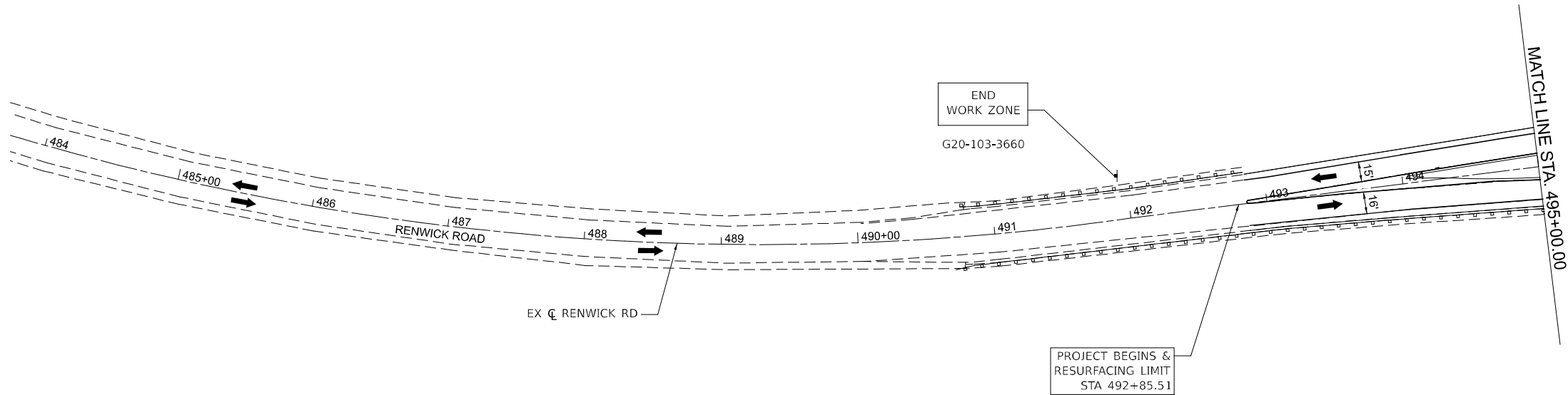
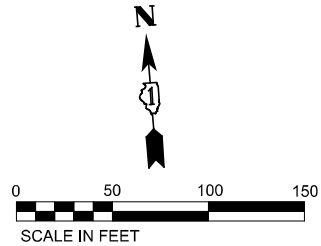
W20-1103(O)-48



W21-1(O)-48



ADVANCE SIGNING FOR EB RENWICK RD
(SPACING MAY VARY DUE TO FIELD CONDITIONS)



LEGEND

	CONSTRUCTION WORK ZONE		TYPE III BARRICADE		PCMS BOARD
	TEMP PVMT CONSTRUCTED THIS STAGE		TYPE II BARRICADE OR DRUM		CONSTRUCTION SIGN
	TEMP PVMT CONSTRUCTED IN PREVIOUS STAGE		DIRECTIONAL INDICATOR BARRICADE		DIRECTION OF TRAFFIC
					IMPACT ATTENUATOR

NOTES:

- PROPOSED HMA BINDER AND SURFACE COURSES SHALL BE PLACED AS A MOVING OPERATION. PROVIDE TRAFFIC CONTROL ACCORDING TO STANDARD 701006-05.
- ALL PAVEMENT MARKINGS ALONG IL 7 (EAST LEG) AND RENWICK ROAD SHALL BE PERMANENT MARKINGS IN STAGE 3, TO BE PLACED AFTER SURFACE COURSE HAS BEEN PLACED. SEE PAVEMENT MARKING PLANS FOR PLACEMENT AND TYPES.

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CHICAGO, IL 60602

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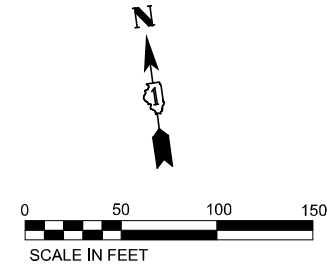
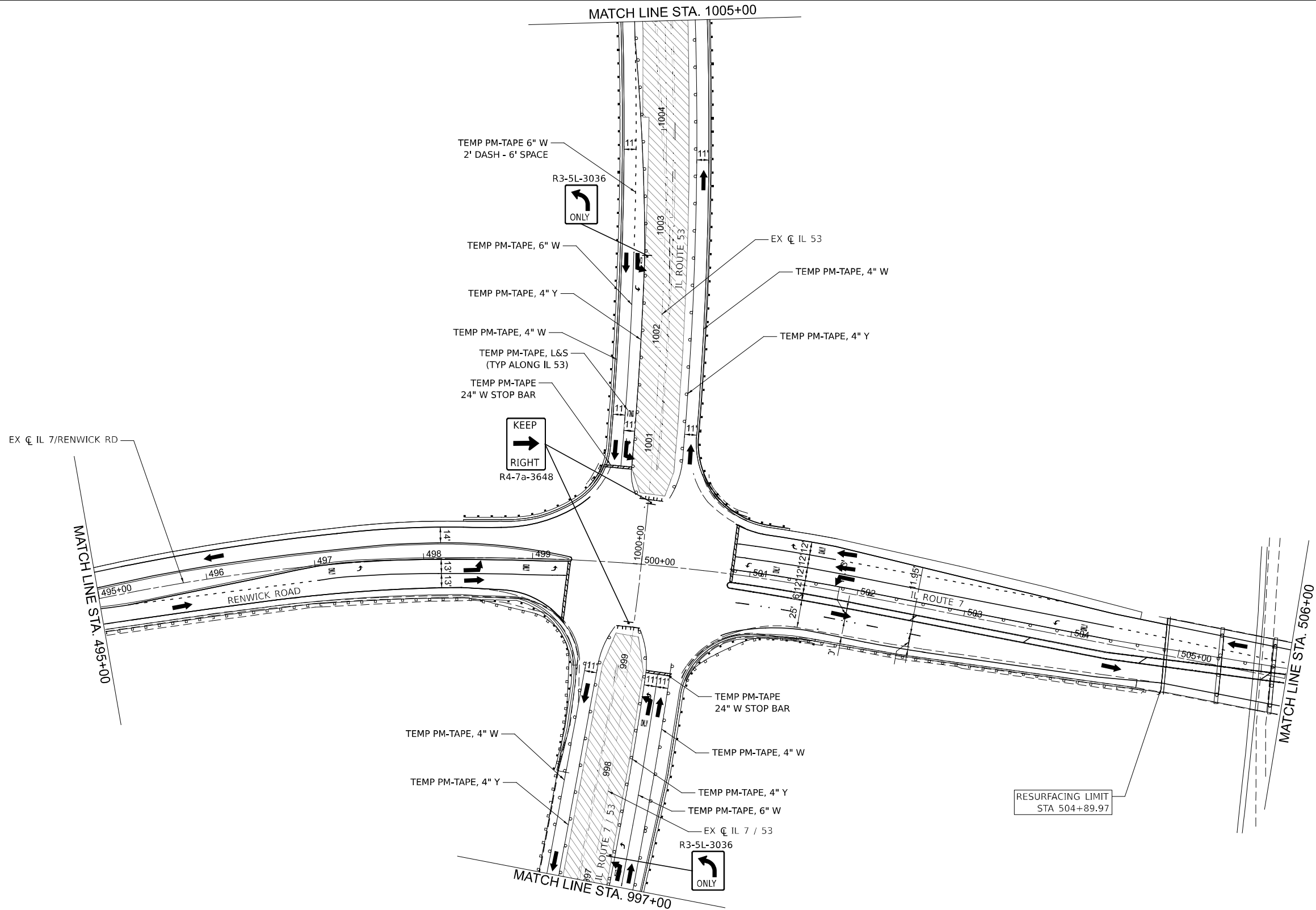
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PLOT DATE	= 2/9/2024	DATE	= 07/14/2023	REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MOT STAGE 3			
SCALE: AS SHOWN	SHEET	OF	SHEETS
STA.	TO STA.		

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
351	2019-047-TS	WILL	137	42
CONTRACT NO. 62U76				
		ILLINOIS	FED. AID PROJECT	

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LEGEND

	CONSTRUCTION WORK ZONE		TYPE III BARRICADE		PCMS BOARD
	TEMP PVMT CONSTRUCTED THIS STAGE		TYPE II BARRICADE OR DRUM		CONSTRUCTION SIGN
	TEMP PVMT CONSTRUCTED IN PREVIOUS STAGE		DIRECTIONAL INDICATOR BARRICADE		IMPACT ATTENUATOR

NOTES:

- PROPOSED HMA BINDER AND SURFACE COURSES ALONG IL 7 (EAST LEG) AND RENWICK ROAD SHALL BE PLACED AS A MOVING OPERATION. PROVIDE TRAFFIC CONTROL ACCORDING TO STANDARD 701006-05.
- ALL PAVEMENT MARKINGS ALONG IL 7 (EAST LEG) AND RENWICK ROAD SHALL BE PERMANENT MARKINGS IN STAGE 3, TO BE PLACED AFTER SURFACE COURSE HAS BEEN PLACED. SEE PAVEMENT MARKING PLANS FOR PLACEMENT AND TYPES.



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TEL: (312) 782-8150
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USER NAME	= USHA689697	DESIGNED	-
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DATE	= 07/14/2023	REVISED	-

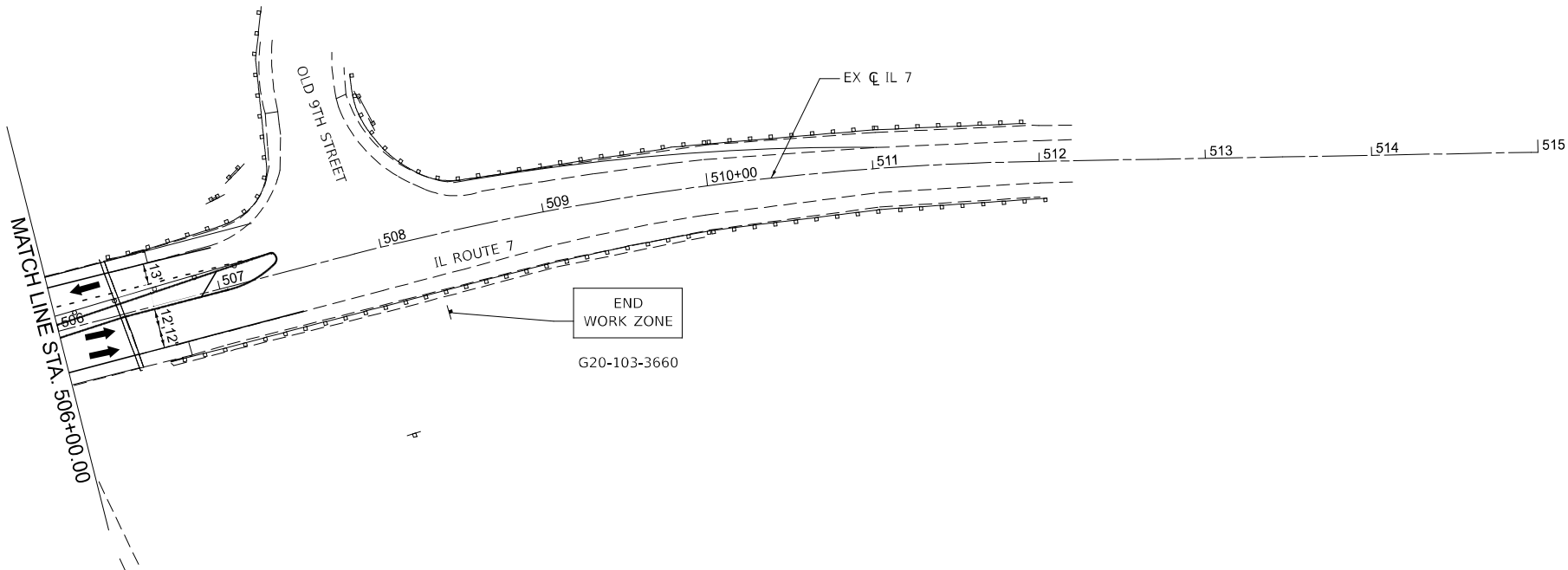
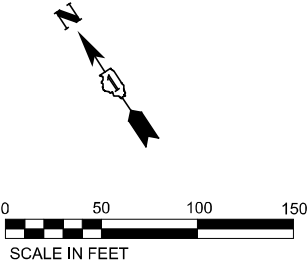
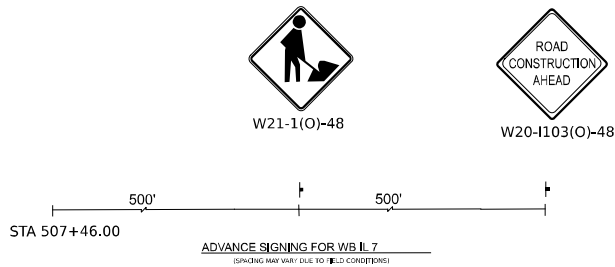
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MOT STAGE 3

SCALE: AS SHOWN SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
351	2019-047-TS	WILL	137	43
CONTRACT NO. 62U76				
ILLINOIS FED. AID PROJECT				

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LEGEND

- | | | |
|---|---|--|
|  CONSTRUCTION WORK ZONE |  TYPE III BARRICADE |  PCMS BOARD |
|  TEMP PVMT CONSTRUCTED THIS STAGE |  TYPE II BARRICADE OR DRUM |  CONSTRUCTION SIGN |
|  TEMP PVMT CONSTRUCTED IN PREVIOUS STAGE |  DIRECTIONAL INDICATOR BARRICADE |  DIRECTION OF TRAFFIC |
| | |  IMPACT ATTENUATOR |

NOTES:

1. PROPOSED HMA BINDER AND SURFACE COURSES SHALL BE PLACED AS A MOVING OPERATION. PROVIDE TRAFFIC CONTROL ACCORDING TO STANDARD 701006-05.
2. ALL PAVEMENT MARKINGS ALONG IL 7 (EAST LEG) AND RENWICK ROAD SHALL BE PERMANENT MARKINGS IN STAGE 3, TO BE PLACED AFTER SURFACE COURSE HAS BEEN PLACED. SEE PAVEMENT MARKING PLANS FOR PLACEMENT AND TYPES.



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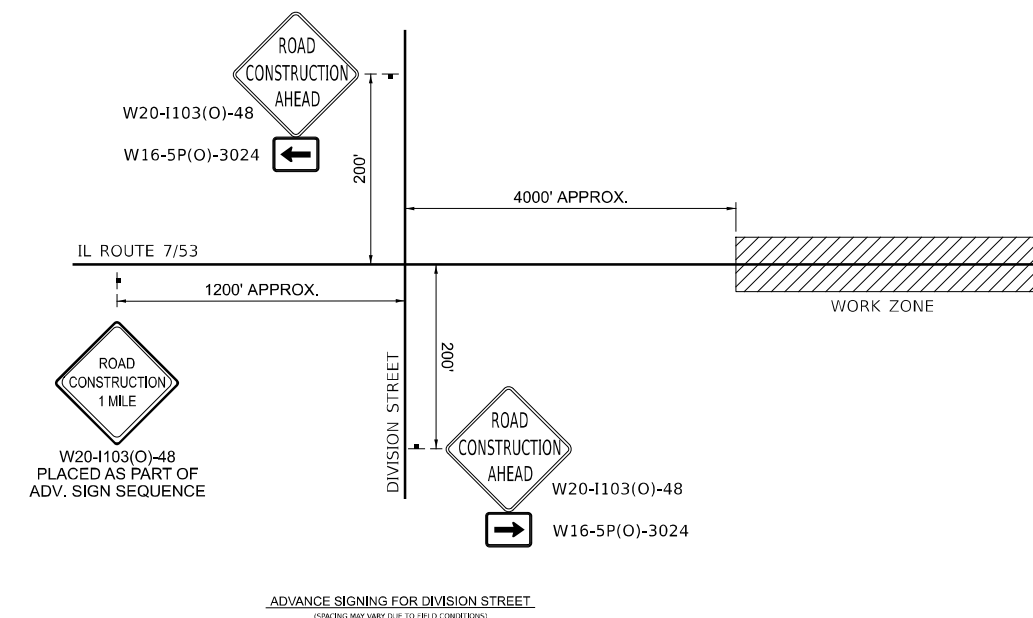
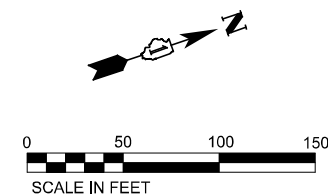
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PLOT DATE	= 2/9/2024	DATE	= 07/14/2023	REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MOT STAGE 3

SCALE: AS SHOWN SHEET OF SHEETS STA. TO STA.

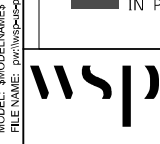
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351	2019-047-TS	WILL	137	44
CONTRACT NO. 62U76				
		ILLINOIS	FED. AID PROJECT	



LEGEND

	CONSTRUCTION WORK ZONE		TYPE III BARRICADE		PCMS BOARD
	TEMP PVMT CONSTRUCTED THIS STAGE		TYPE II BARRICADE OR DRUM		CONSTRUCTION SIGN
	TEMP PVMT CONSTRUCTED IN PREVIOUS STAGE		DIRECTIONAL INDICATOR BARRICADE		DIRECTION OF TRAFFIC
					IMPACT ATTENUATOR

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FAX: (312) 732-1684

USER NAME	= USHA689697	DESIGNED	-	REVISED	-
		DRAWN	-	REVISED	-
PLOT SCALE	= 1:0.166867	CHECKED	-	REVISED	-
PLOT DATE	= 2/9/2024	DATE	= 07/14/2023	REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MOT STAGE 3

SCALE: AS SHOWN SHEET OF SHEETS STA. TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
351	2019-047-TS	WILL	137	46
CONTRACT NO. 62U76				
ILLINOIS FED. AID PROJECT				

LEGEND

- CONSTRUCTION WORK ZONE

TEMP PVMT CONSTRUCTED THIS STAGE

TEMP PVMT CONSTRUCTED IN PREVIOUS STAGE
- TYPE III BARRICADE

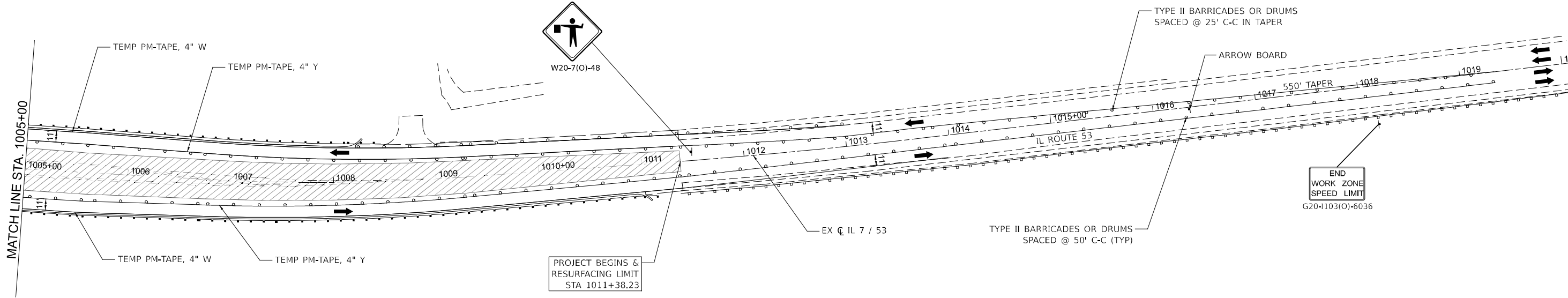
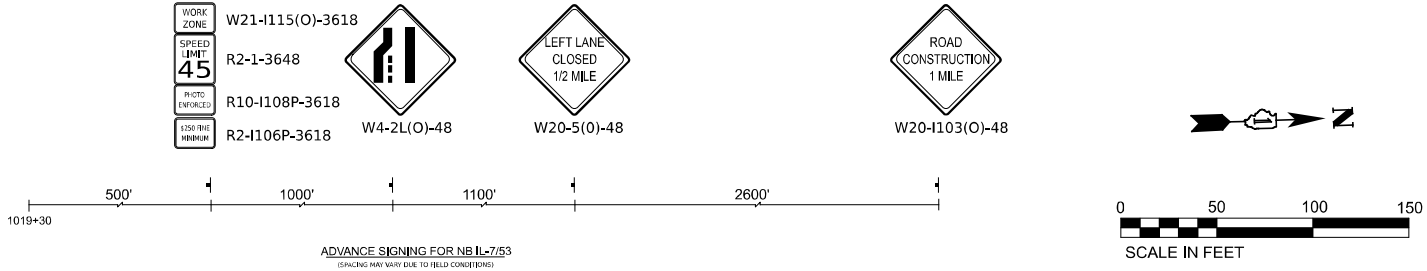
TYPE II BARRICADE OR DRUM

DIRECTIONAL INDICATOR BARRICADE
- PCMS BOARD

CONSTRUCTION SIGN

DIRECTION OF TRAFFIC

IMPACT ATTENUATOR



MODEL: \$MODELNAME\$
FILE NAME: p:\wsp\p\chicago\projects\k07732_15 IL 53 IL 7\CAD\Sheets\Drainage\Drainage Plans\010561\DrainPlan-01.dgn



WSP USA Inc.
30 N. LASALLE STREET
SUITE 4200
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TEL: (312) 782-8150
FAX: (312) 732-1084

USER NAME	= USHA689697
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DESIGNED	- ZRE
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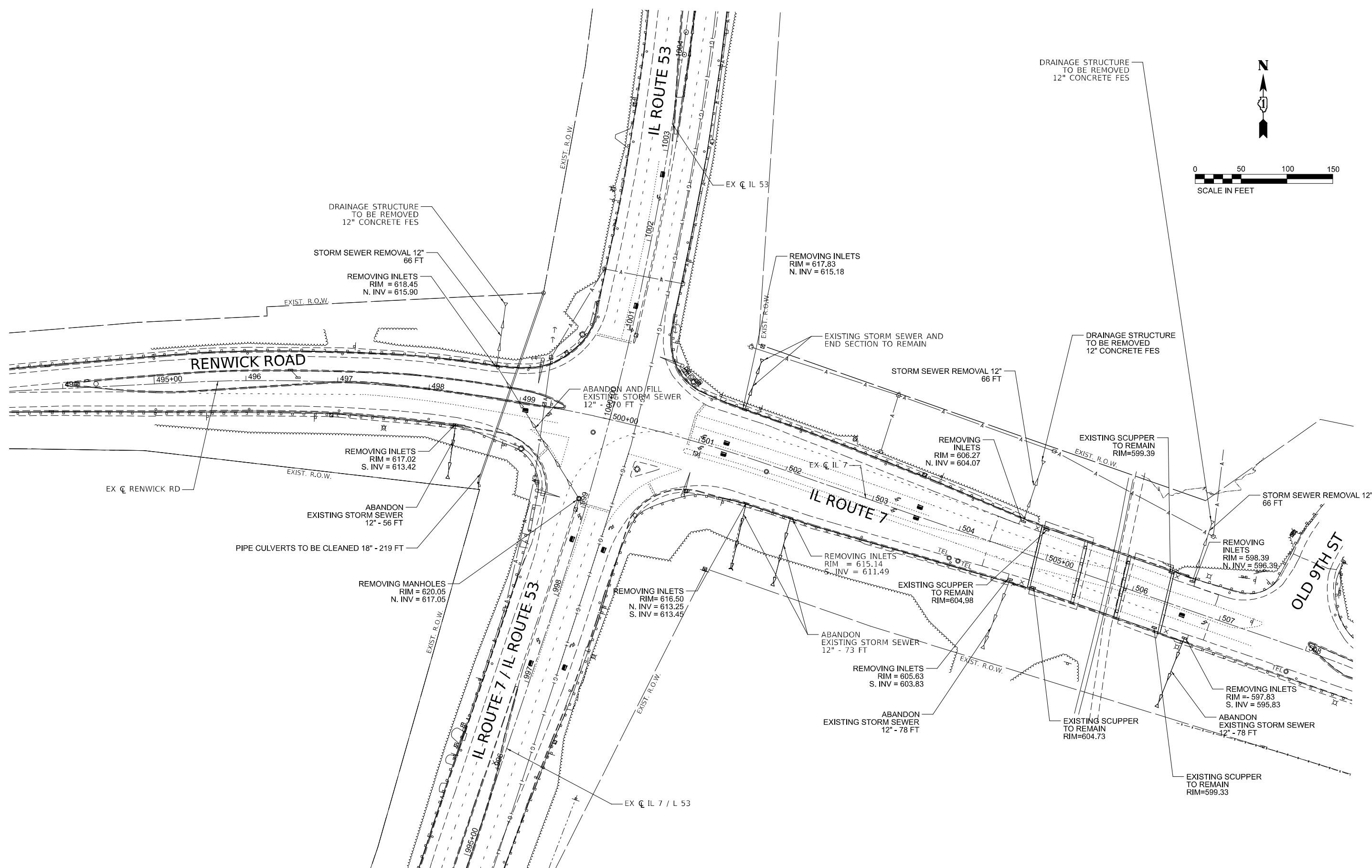
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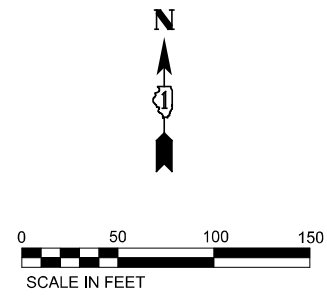
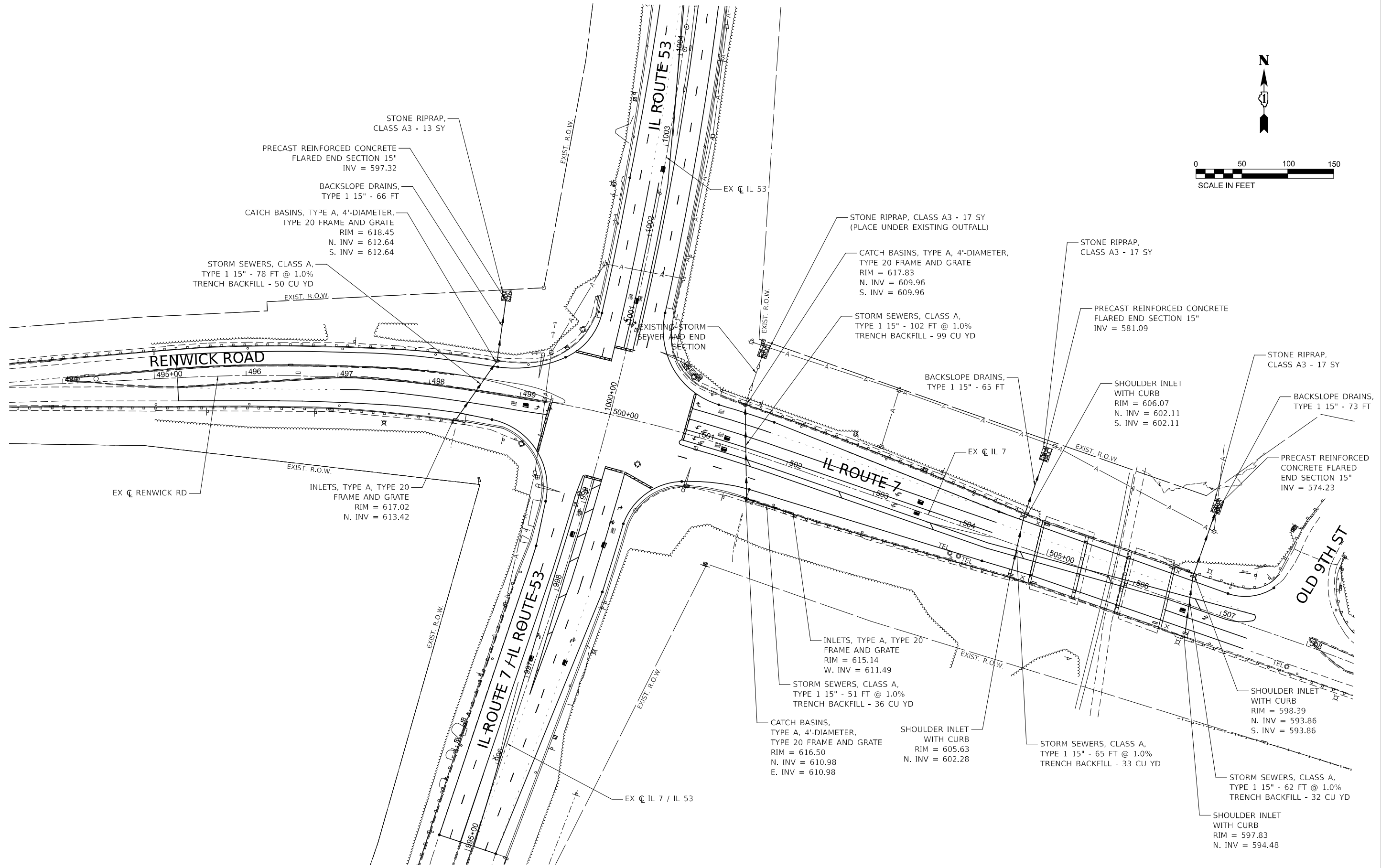
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

Drainage Plan
EXISTING CONDITIONS & REMOVALS

SCALE: AS SHOWN SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
351	2019-047-TS	WILL	137	47
CONTRACT NO. 62U76				
ILLINOIS FED. AID PROJECT				





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30 N. LASALLE STREET
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CHICAGO, IL 60602
TEL: (312) 782-8150
FAX: (312) 732-1084

USER NAME = USHA689697	DESIGNED - ZRE	REVISED -
DRAWN - ZRE	REVISED -	
PLOT SCALE = 1:100	CHECKED - XXX	REVISED -
PLOT DATE = 2/9/2024	DATE - 07/14/2023	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DRAINAGE PLAN
PROPOSED

SCALE: AS SHOWN SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
351	2019-047-TS	WILL	137	48
CONTRACT NO. 62U76				
ILLINOIS FED. AID PROJECT				

TRAFFIC SIGNAL LEGEND

(NOT TO SCALE)

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

	USER NAME = foocemi	DESIGNED - IP	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DISTRICT ONE STANDARD TRAFFIC SIGNAL DESIGN DETAILS			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.		
	PLOT SCALE = 50.0000 ' / in.	DRAWN - IP	REVISED -		SCALE: NONE	SHEET 1 OF 7 SHEETS	STA.	TO STA.	351	2019-047-TS	WILL	137	49	
	PLOT DATE = 3/4/2019	CHECKED - LP	REVISED -		TS-05								CONTRACT NO. 62U76	
		DATE - 9/29/2016	REVISED -		ILLINOIS FED. AID PROJECT									



- NOTES:
1. PROPOSED SIGNALS HAVE BEEN LOCATED TO AVOID FUTURE CONFLICTS WITH A PLANNED SHARED-USE PATH. DOUBLE HANDHOLE PROVIDED IN THE NW CORNER AND CONDUIT SIZING IS APPROPRIATE TO ACCOMMODATE POTENTIAL FUTURE PEDESTRIAN SIGNAL POSTS WITH APS BUTTONS.
 2. EACH DETECTOR LOOP SHALL HAVE ITS OWN 1" COILABLE NON-METALLIC CONDUIT BETWEEN THE EDGE OF PAVEMENT AND THE ADJACENT HANDHOLE AS SHOWN ON THE PLANS. THIS WORK SHALL BE CONSIDERED INCLUDED IN THE CONTRACT UNIT COST FOR DETECTOR LOOP, TYPE I.
 3. ALL RED SIGNAL FACES SHALL HAVE A LENS COVER INSTALLED. THIS WORK SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE FOR EACH LED SIGNAL FACE, LENS COVER.

POTENTIAL FUTURE SHARED-USE PATH
PLANNED BY OTHERS (SEE NOTE 1)

16' POST, TYPE A FOUNDATION
STA 499+51.9, 83.7' LT

SEE TS SHT NO. 15
MATCH LINE STA. 1001+50

LED INTERNALLY ILLUMINATED
STREET NAME SIGN

50' MAST ARM, 36" DIA. FND
(15 FEET DEPTH)
STA 500+54.6, 89.2' LT

SERVICE INSTALLATION,
GROUND MOUNTED, METERED
STA 500+69.1, 86.5' LT

FULL-ACTUATED CONTROLLER AND
TYPE SUPER P CABINET (WITH CONCRETE PAD)
STA 500+58.2, 86.7' LT

SEE LANDSCAPING PLANS FOR GRADING
DETAIL FOR CONTROLLER FOUNDATION.

EX ROW

EXISTING ELECTRIC
UTILITY POLE

28' MAST ARM, 30" DIA. FND
(10 FEET DEPTH)
STA 500+91.5, 58.2' LT

POTENTIAL FUTURE SHARED-USE PATH
PLANNED BY OTHERS (SEE NOTE 1)

278' UC
2"

MATCH LINE STA. 502+00
SEE TS SHT NO. 15

RENWICK RD.

250' TO STOP BAR

42' MAST ARM, 36" DIA. FND
(15 FEET DEPTH, 13'+2' FOR GRADE)
STA 499+19.0, 66.1' RT

52' MAST ARM, 36" DIA. FND
(17 FEET DEPTH, 15'+2' FOR GRADE)
STA 499+32.6, 90.4' RT

LED INTERNALLY ILLUMINATED
STREET NAME SIGN

LED INTERNALLY ILLUMINATED
STREET NAME SIGN

60' MAST ARM, 42" DIA. FND
(23 FEET DEPTH, 21'+2' FOR GRADE)
STA 500+89.6, 70.4' RT

POTENTIAL FUTURE SHARED-USE
PATH PLANNED BY
OTHERS (SEE NOTE 1)

34' MAST ARM, 36" DIA. FND
(13 FEET DEPTH, 11'+2' FOR GRADE)
STA 500+67.6, 89.0' RT

EX ROW

LEFT ON
GREEN
ARROW
ONLY

R10-5
30" x 36"
8 REQUIRED

SIGN PANEL, TYPE 1

MATCH LINE STA. 998+00
SEE TS SHT NO. 15

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL 7 / IL 53
TRAFFIC SIGNAL INSTALLATION PLAN

SCALE: SHEET 14 OF 17 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
351	2019-047-TS	WILL	74	50
CONTRACT NO. 62U76				
ILLINOIS FED. AID PROJECT				

TS 7510

MODEL: \$MODEL\$
FILE NAME: p:\wsp-usa\benkay\combase\csg\2017\Documents\IL-Chicago Projects\K07782_15 IL 53 IL 7\CAD\Drawings\Traffic Signal\7510-15-IL-53-2024-IL 7 53.dgn

WSP USA Inc.
30 N. LA SALLE STREET
SUITE 4200
CHICAGO, IL 60602
TEL: (312) 782-8150
FAX: (312) 782-1084

USER NAME = USMM708094
DESIGNED - R.A.C.
DRAWN - R.A.C.
PLOT SCALE = 1:40
CHECKED - M.J.M.
PLOT DATE = 5/1/2024
DATE = 11/03/2023
REVISED -

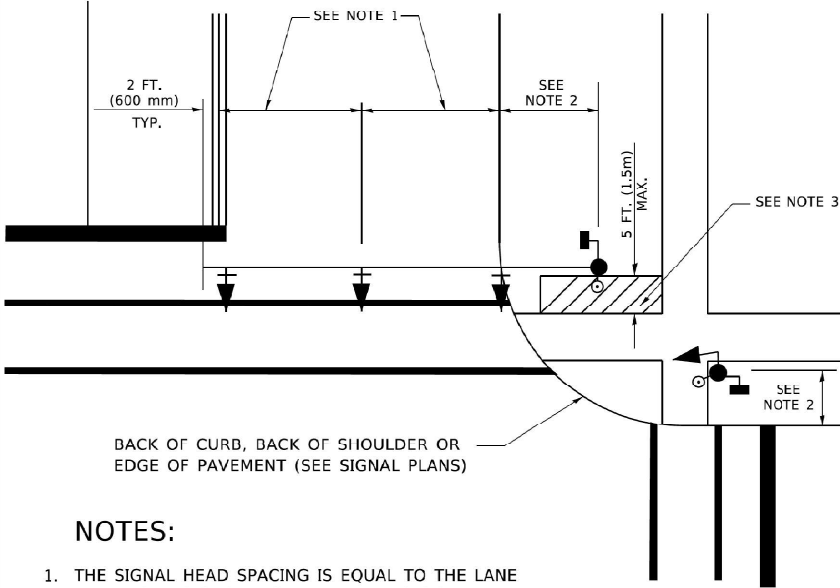
DESIGNED - R.A.C.
DRAWN - R.A.C.
CHECKED - M.J.M.
DATE = 11/03/2023
REVISED -

DESIGNED - R.A.C.
DRAWN - R.A.C.
CHECKED - M.J.M.
DATE = 11/03/2023
REVISED -

MODEL: Default
FILE NAME: p:\w\l\084EB\DN\TEC\illinois.gov-2\WDOT\Documents\DOT Office\District 1\Projects\Dist5\02234\CAD\Data\CADsheets\ts05.dgn

TRAFFIC SIGNAL MAST ARM AND SIGNAL POST

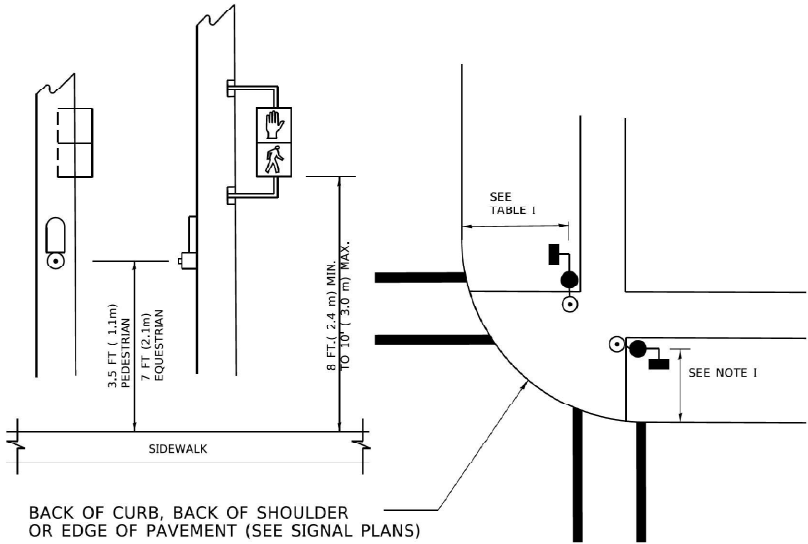
MAST ARM MOUNTED SIGNALS IN EXISTING, PROPOSED OR FUTURE SIDEWALK/BICYCLE PATH AREA. INTERSECTION SHOWN WITH PEDESTRIAN SIGNALS AND PEDESTRIAN PUSHBUTTON DETECTORS.



NOTES:

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

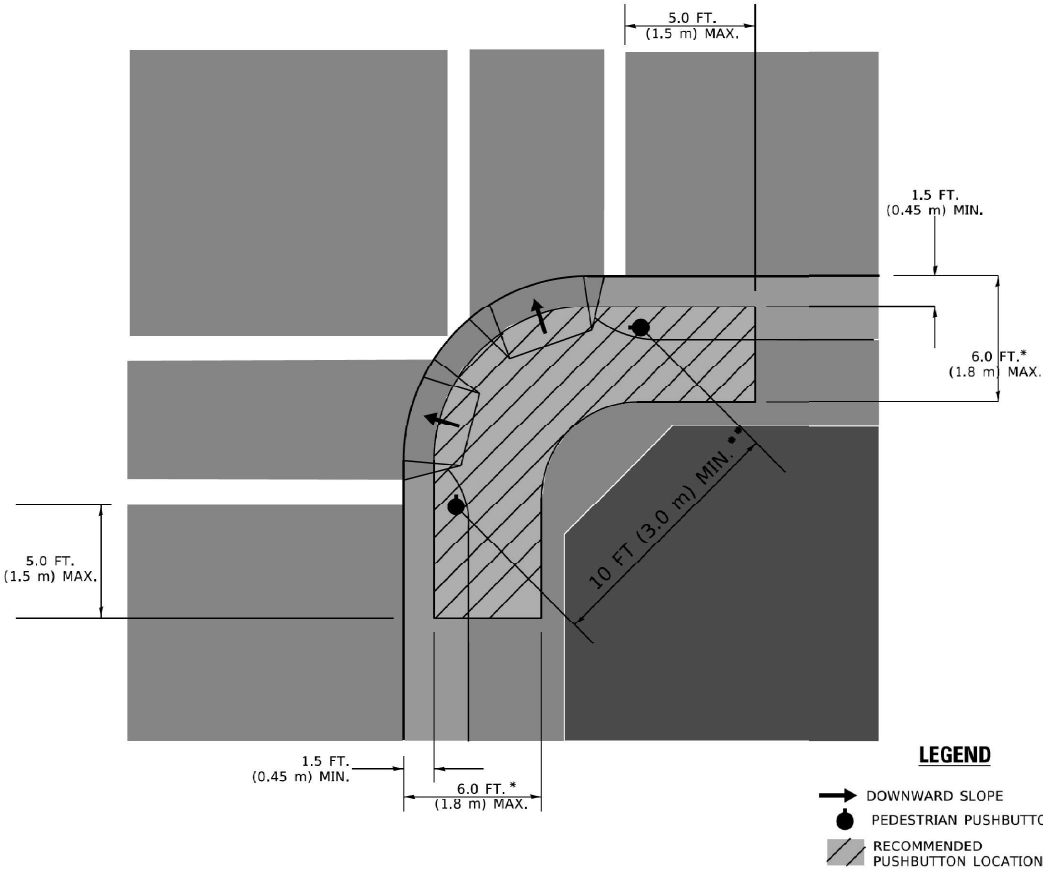
**PEDESTRIAN SIGNAL POST
AND
PEDESTRIAN PUSH BUTTON POST**



NOTES:

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

RECOMMENDED PUSHBUTTON LOCATIONS



* WHERE THERE ARE CONSTRAINTS THAT MAKE IT IMPRACTICAL TO PLACE THE PEDESTRIAN PUSHBUTTON BETWEEN 1.5 FT (0.45 m) AND 6 FT (1.8 m) FROM THE EDGE OF THE CURB, SHOULDER, OR PAVEMENT, IT SHOULD NOT BE FURTHER THAN 10 FT (3 m) FROM THE EDGE OF CURB, SHOULDER, OR PAVEMENT.

** WHERE THERE ARE CONSTRAINTS ON A PARTICULAR CORNER THAT MAKE IT IMPRACTICAL TO PROVIDE THE 10 FT (3 m) SEPERATION BETWEEN THE TWO PEDESTRIAN PUSHBUTTONS, THE PUSHBUTTONS MAY BE PLACED CLOSER TOGETHER OR ON THE SAME POLE.

NOTES:

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

TRAFFIC SIGNAL EQUIPMENT OFFSET

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

NOTES:

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

USER NAME = footeml	DESIGNED -
DRAWN -	REVISED -
PLOT SCALE = 50.0000 " / in.	REVISED -
PLOT DATE = 3/4/2019	REVISED -

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

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**DISTRICT ONE
STANDARD TRAFFIC SIGNAL DESIGN DETAILS**

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
351	2019-047-TS	WILL	137	51
TS-05		CONTRACT NO. 62U76		
		ILLINOIS	FED. AID PROJECT	

Map of the intersection of IL Route 7 (Broadway St.) and IL Route 53 (Independence Blvd). The map shows a four-way intersection. IL Route 7 runs north-south, and IL Route 53 runs east-west. A north arrow is in the top left. Lane numbers are in circles: 4 for left-turn lanes, 5 for through lanes, and 6 for right-turn lanes. Arrows indicate traffic flow. The intersection is labeled 'NO.' in the bottom right.

 PROTECTED PHASE
 OL OVERLAP

OVERLAP LETTER		PERMISSIVE PHASE		PROTECTED PHASE
A	=	2	+	3
D	=	8	+	1

 WSP USA Inc. 30 N. LASALLE STREET SUITE 4200 CHICAGO, IL 60602 TEL: (312) 782-8150 FAX: (312) 782-1884	USER NAME = USMM706094
	PLOT SCALE = 1:40

DESIGNED -	R.A.C.	REVISED -	04/24/2024
DRAWN -	R.A.C.	REVISED -	
CHECKED -	M.J.M.	REVISED -	
DATE	APPROVED	DATE	

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**



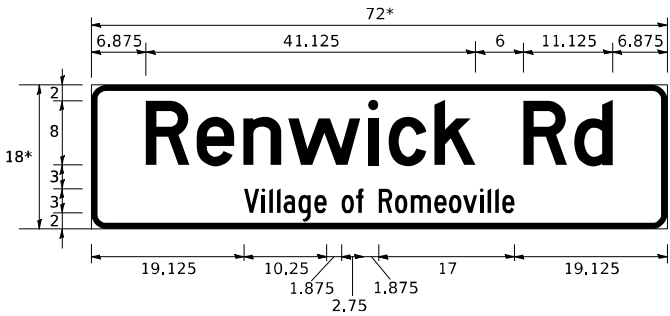
SCALE:	SHEET 16 OF 17 SHEETS	STA.	TO STA.
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ILLINOIS	FED. AID PROJECT	CONT
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IL 7 AND IL 53 INTERSECTION

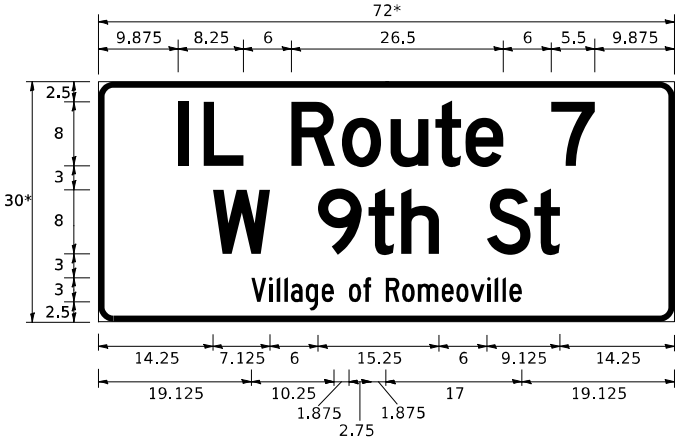
LED INTERNALLY ILLUMINATED STREET NAME SIGN PANELS

ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED
*NOTE THE LED VIEWABLE SIGN PANEL AREA IS SHOWN AND MAY DIFFER SLIGHTLY FROM NOMINAL DIMENSIONS SHOWN



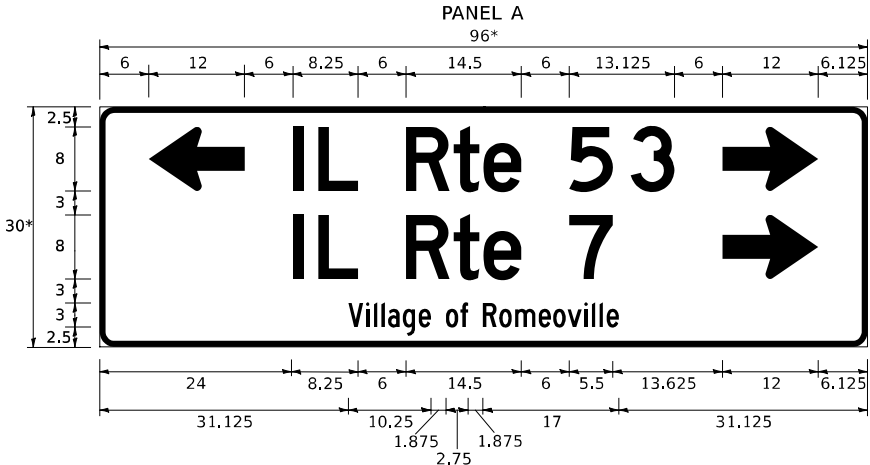
DESIGN SERIES HWY FONT	AREA (SQ FT)	SIGN PANEL TYPE	SHEETING TYPE	INTERSECTION QTY. REQUIRED
D - TOP LINE C - BOTTOM LINE	9.0	LED ILLUMINATED	TRANSLUCENT ZZ	1

SIGN SHALL BE DOUBLE-SIDED



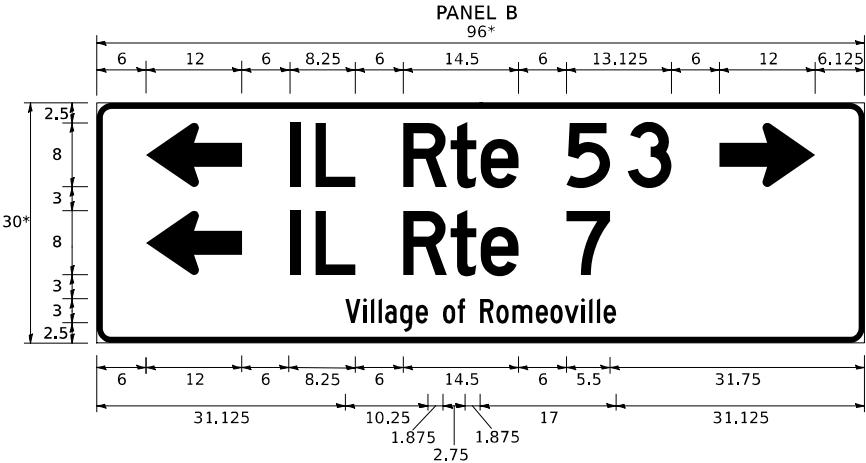
DESIGN SERIES HWY FONT	AREA (SQ FT)	SIGN PANEL TYPE	SHEETING TYPE	INTERSECTION QTY. REQUIRED
D - TOP 2 LINES C - BOTTOM LINE	15.0	LED ILLUMINATED	TRANSLUCENT ZZ	1

SIGN SHALL BE DOUBLE-SIDED



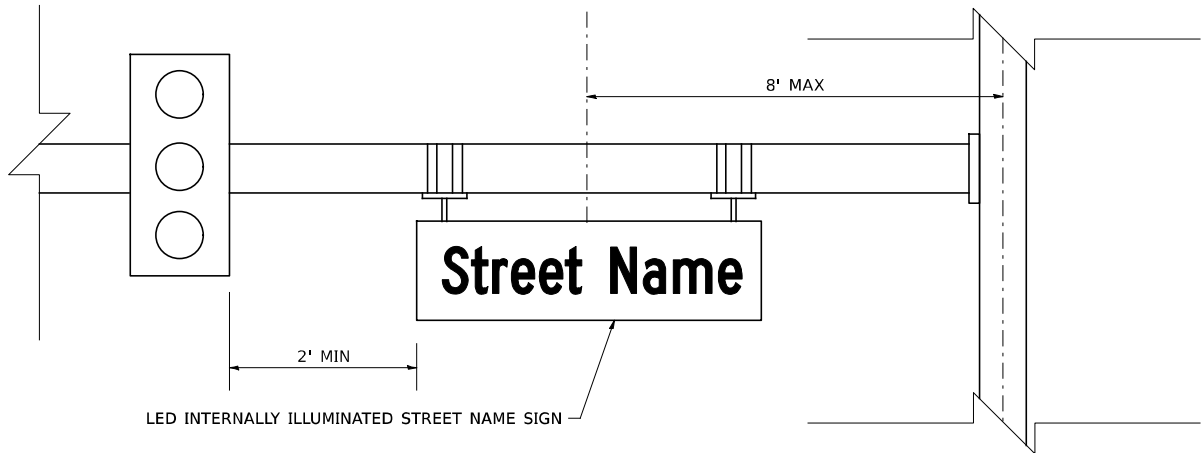
DESIGN SERIES HWY FONT	AREA (SQ FT)	SIGN PANEL TYPE	SHEETING TYPE	INTERSECTION QTY. REQUIRED
D - TOP 2 LINES C - BOTTOM LINE	20.0	LED ILLUMINATED	TRANSLUCENT ZZ	1 PANEL A & PANEL B (DOUBLE-SIDED)

SIGN SHALL BE DOUBLE-SIDED



DESIGN SERIES HWY FONT	AREA (SQ FT)	SIGN PANEL TYPE	SHEETING TYPE	INTERSECTION QTY. REQUIRED
D - TOP 2 LINES C - BOTTOM LINE	20.0	LED ILLUMINATED	TRANSLUCENT ZZ	1 PANEL B & PANEL A (DOUBLE-SIDED)

SIGN SHALL BE DOUBLE-SIDED



LED INTERNALLY ILLUMINATED STREET NAME SIGN

TRAFFIC SIGNALS SCHEDULE OF QUANTITIES
IL 7 / IL 53

ITEM	UNIT	TOTAL
SIGN PANEL - TYPE 1	SQ FT	60
UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.	FOOT	1384
UNDERGROUND CONDUIT, GALVANIZED STEEL, 3" DIA.	FOOT	146
UNDERGROUND CONDUIT, GALVANIZED STEEL, 4" DIA.	FOOT	566
HANDHOLE	EACH	6
HEAVY-DUTY HANDHOLE	EACH	4
DOUBLE HANDHOLE	EACH	2
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	867
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	4174
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	651
ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PAIR	FOOT	3470
ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2 C	FOOT	110
ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	799
TRAFFIC SIGNAL POST, GALVANIZED STEEL 16 FT.	EACH	1
STEEL MAST ARM ASSEMBLY AND POLE, 28 FT.	EACH	1
STEEL MAST ARM ASSEMBLY AND POLE, 34 FT.	EACH	1
STEEL MAST ARM ASSEMBLY AND POLE, 42 FT.	EACH	2
STEEL MAST ARM ASSEMBLY AND POLE, 50 FT.	EACH	1
STEEL MAST ARM ASSEMBLY AND POLE, 52 FT.	EACH	1
STEEL MAST ARM ASSEMBLY AND POLE, 60 FT.	EACH	1
CONCRETE FOUNDATION, TYPE A	FOOT	8
CONCRETE FOUNDATION, TYPE C	FOOT	4
CONCRETE FOUNDATION, TYPE E 30-INCH DIAMETER	FOOT	10
CONCRETE FOUNDATION, TYPE F 36-INCH DIAMETER	FOOT	75
CONCRETE FOUNDATION, TYPE E 42-INCH DIAMETER	FOOT	23
SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST-ARM MOUNTED	EACH	14
SIGNAL HEAD, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED	EACH	2
SIGNAL HEAD, LED, 1-FACE, 5-SECTION, MAST-ARM MOUNTED	EACH	4
TRAFFIC SIGNAL BACKPLATE, RETROREFLECTIVE	EACH	18
INDUCTIVE LOOP DETECTOR	EACH	12
DETECTOR LOOP, TYPE I	FOOT	612
* LIGHT DETECTOR	EACH	4
* LIGHT DETECTOR AMPLIFIER	EACH	1
TEMPORARY TRAFFIC SIGNAL INSTALLATION	EACH	1
REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1
REMOVE EXISTING HANDHOLE	EACH	11
REMOVE EXISTING DOUBLE HANDHOLE	EACH	1
REMOVE EXISTING CONCRETE FOUNDATION	EACH	9
CAMERA MOUNTING ASSEMBLY	EACH	1
OPTIMIZE TRAFFIC SIGNAL SYSTEM	EACH	1
TEMPORARY TRAFFIC SIGNAL TIMING	EACH	1
* EMERGENCY VEHICLE PRIORITY SYSTEM LINE SENSOR CABLE, NO. 20 3/C	FOOT	867
CELLULAR MODEM	EACH	1
* LED INTERNALLY ILLUMINATED STREET NAME SIGN	EACH	4
OUTDOOR RATED NETWORK CABLE	FOOT	98
FULL-ACTUATED CONTROLLER AND TYPE SUPER P CABINET	EACH	1
SERVICE INSTALLATION, GROUND MOUNTED, METERED	EACH	1
REMOTE CONTROLLED VIDEO SYSTEM	EACH	1
LAYER II (DATALINK) SWITCH	EACH	1
* ELECTRIC CABLE IN CONDUIT, STREET NAME SIGN, NO. 14 3C, TYPE SOOW	FOOT	862
UNINTERRUPTABLE POWER SUPPLY, SPECIAL	EACH	1
LED SIGNAL FACE, LENS COVER	EACH	20

* 100% COST TO THE VILLAGE OF ROMEOVILLE

TS 7510

SCHEDULE OF QUANTITIES AND SIGN PANEL DETAILS
IL 7 / IL 53

SCALE: SHEET 17 OF 17 SHEETS STA. TO STA.

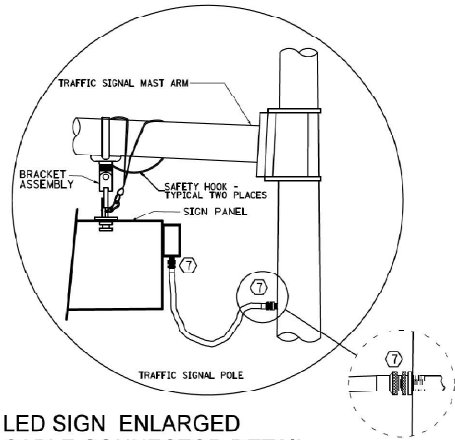
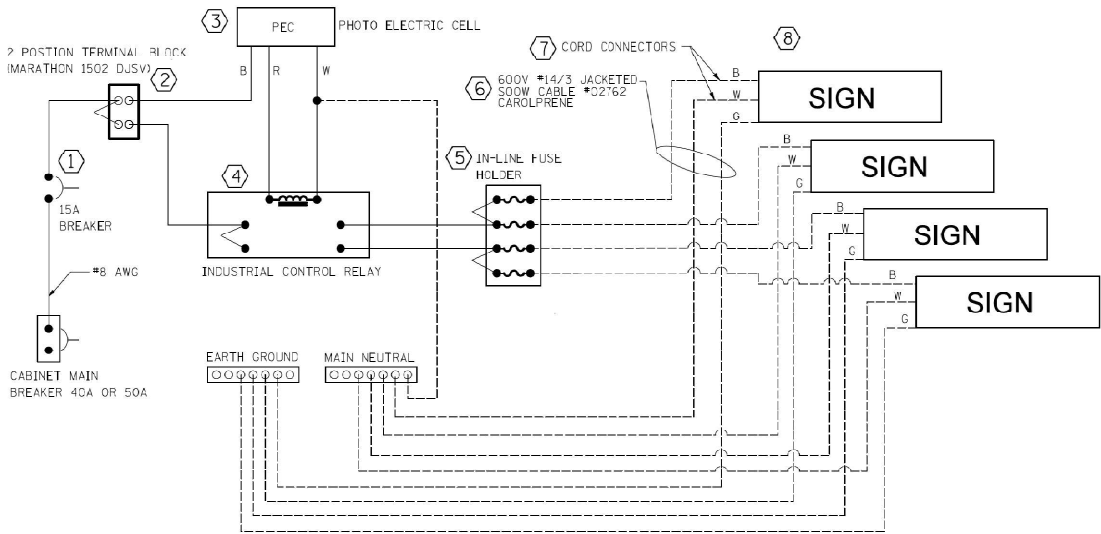
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
351	2019-047-TS	WILL	74	53
CONTRACT NO. 62U76				
ILLINOIS FED. AID PROJECT				

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

USER NAME = USMM706094	DESIGNED - R.A.C.	REVISED - 04/24/2024
	DRAWN - R.A.C.	REVISED -
PLOT SCALE = 1:2,00001	CHECKED - M.J.M.	REVISED -
PLOT DATE = 5/1/2024	DATE - 11/03/2023	REVISED -

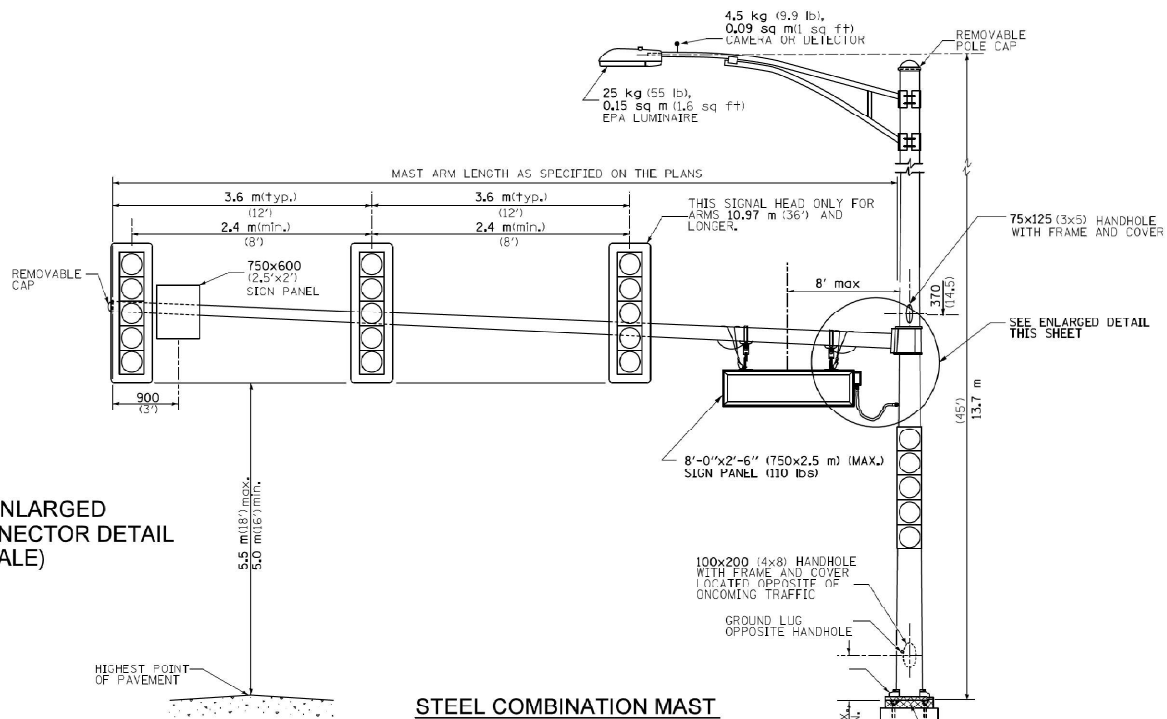
WSP USA Inc.
30 N. LASALLE STREET
SUITE 4200
CHICAGO, IL 60602
TEL: (312) 782-8150
FAX: (312) 752-1084

MODEL: \$MODELNAME\$
FILE NAME: p:\wsp-usa\benlky\comwsp-usa\proj\07\Documents\IL-Chicago Projects\K07182_15_IL53_IL7CAD\Sheet1\Traffic Signals\752_15-il-7-cad-2024-IL 53_Sign-C01.dgn



LED SIGN ENLARGED
CABLE CONNECTOR DETAIL
(NOT TO SCALE)

LED SIGN ENLARGED
CABLE CONNECTOR DETAIL
(NOT TO SCALE)

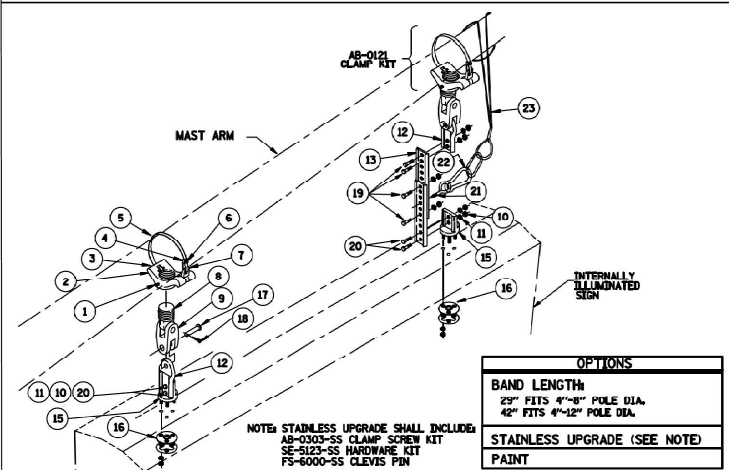


STEEL COMBINATION MAST
ARM ASSEMBLY AND POLE

LED SIGN WIRING DETAIL

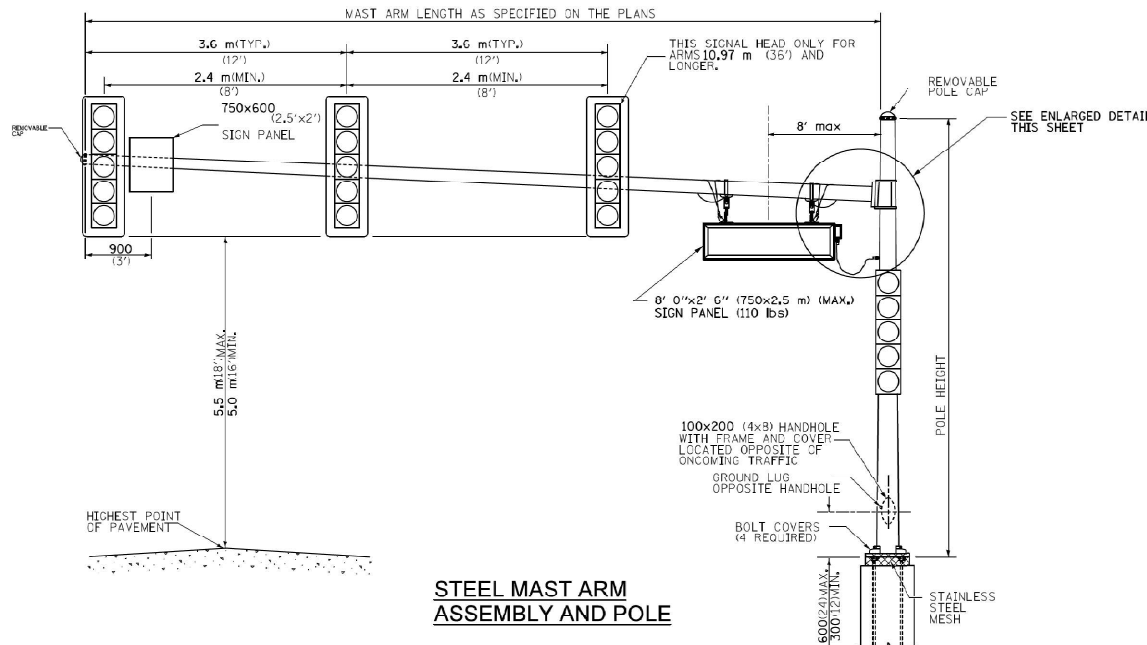
DESCRIPTION	NOTES
1. CIRCUIT BREAKER, 15 AMPERE	
2. TERMINAL BLOCK	
3. PHOTO ELECTRIC CONTROL	
4. CONTRACTOR (INDUSTRIAL CONTROL RELAY)	BOLT ON W/SCREW TERMINAL
5. INLINE FUSE HOLDER WITH 5 AMP FUSE	
6. ELECTRIC CABLE, No. 14, 3/C (BLACK, WHITE, GREEN)	
7. CORD/CABLE CONNECTOR	
8. SIGN MOUNTING HARDWARE	

TITLE: BRACKET,
FREE-SWINGING MAST ARM SIGN
W/BAND MOUNT MINI-BRAC



ITEM	DESCRIPTION	QTY
1	SCREW, SET SQ HD 1/4"-20 X 5/8", STAINLESS	2
2	CLAMP, MINI-BRAC BAND MOUNT, 1 1/2" NPS, ALUM	2
3	PIN, GROOVE 3/16" X 1 1/4", ZINC	2
4	CLAMP, BAND 5/8", STAINLESS	2
5	BAND, 5/8", STAINLESS	2
6	SCREW, SET SOC HD 5/16"-18, STAINLESS	2
7	KIT, CLAMP SCREW FOR MINI-BRAC, GALV	2
8	ADAPTER, SPAN WIRE, DIE CAST ALUM W/ SS INSERT	2
9	CLEVIS-CLEVIS, 1/2" X 1/2", ALUM W/ STAINLESS BUSHINGS	2
10	NUT, HEX HD 5/16", STAINLESS	8
11	WASHER, SPLIT LOCK, 5/16", STAINLESS	8
12	EXTENDER CONNECTOR HANGER, ALUM W/ STAINLESS BUSHINGS	2
13	EXTENDER, 11"	2
15	HANGER, TRI-STUD, ALUM	2
16	HARDWARE KIT W/ GASKET, 5/16" - 18, STAINLESS	2
17	PIN, CLEVIS, 5/8" X 2 1/4" EL, GALV	4
18	PIN, COTTER HUMPED, 5/32" X 1.775" 304 STAINLESS	4
19	BOLT, HEX HD, 5/16" - 18 X 1", STAINLESS	4
20	BOLT, HEX HD, 5/16" - 18 X 1 1/4", STAINLESS	4
21	EYE HOOK, STAINLESS STEEL (RATED FOR APPROPRIATE LOAD)	2
22	CARABINER HOOK, STAINLESS STEEL, (RATED FOR APPROPRIATE LOAD)	2
23	CABLE, SAFETY, FOR SIGN HANGERS, STAINLESS	2
	SLEEVE, COMPRESSION, OVAL, STAINLESS	4
	WIRE ROPE, 3/16" X 7 X 19, AIRCRAFT, TYPE 304 STAINLESS	2
	CONNECTOR, THREADED, 3/16" X 1-1/2", STAINLESS	2
	INSTRUCTIONS, SAFETY CABLE FOR SIGN HANGERS	2

LED SIGN BRACKET DETAIL



STEEL MAST ARM
ASSEMBLY AND POLE

GENERAL NOTE:

- SIGNAL HEADS, SIGN PANELS, AND OTHER ATTACHMENT ARE SHOWN FOR MINIMUM DESIGN LOADING PURPOSES ONLY. EACH SIGNAL HEAD SHALL WEIGH 36 Kg (80 lb) AND HAVE A PROJECTED AREA OF 1.37 sq. m (14.7 sq. ft.).
- PHOTO ELECTRIC CELL IS TO BE MOUNTED ABOVE CABINET DOOR.
- THE SIGN SHALL BE LOCATED AT A MAXIMUM OF 8' FROM CENTER OF SIGN TO POLE.
- SIGN IS TO BE MOUNTED A MINIMUM OF 16' ABOVE PAVEMENT.
- CERTAIN ADDITIONAL INFORMATION MAY BE ALLOWED ON THE SIGN. VERIFY WITH ENGINEER.
- SIGNS SHALL NOT BE ENERGIZED WHEN TRAFFIC SIGNALS ARE POWERED BY THE UPS. THE SIGNS SHALL BE CONNECTED TO THE UPS BYPASS CIRCUITRY.
- ALL 120 VOLT SYSTEM AND CONTROL WIRING SHALL BE #12 AWG STRANDED UNLESS OTHERWISE INDICATED.
- ALL WIRING SHALL BE NEATLY DRESSED AND SUPPORTED.
- ALL WIRING WITHIN THE CABINET SHALL BE COLOR CODED AS INDICATED:
R = RED BL = BLUE W = WHITE
B = BLACK Y = YELLOW G = GREEN

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

CONTROLLER CABINET
SIDE VIEW

MODEL: 8100ELNAMES
FILE NAME: p:\wsp-usa\benlby\com\wsp-usa\egp\07\Documents\Ill-Chicago Projects\K07782_15_IL53_IL7CAD\SSheets\Traffic Signals\7782_15-IL53-IL7CAD\Detail.dgn



WSP USA Inc.
30 N. LASALLE STREET
SUITE 4200
CHICAGO, IL 60602
TEL: (312) 782-8150
FAX: (312) 782-1084

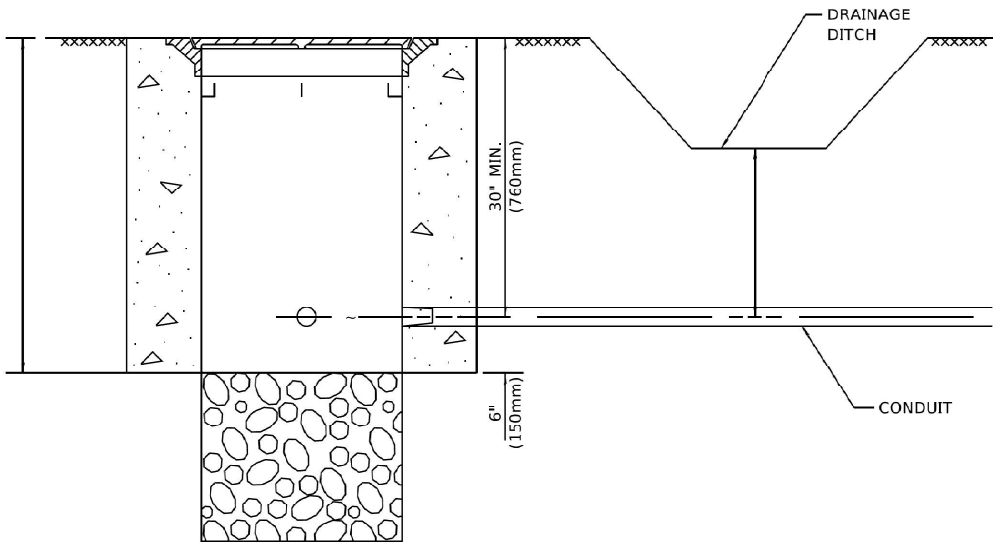
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	DRAWN - R.A.C.	REVISED -
PLOT SCALE = 1:0.166821	CHECKED - M.J.M.	REVISED -
PLOT DATE = 5/1/2024	DATE - 11/03/2023	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

LED INTERNALLY ILLUMINATED STREET NAME SIGN DETAIL
IL 7 / IL 53

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

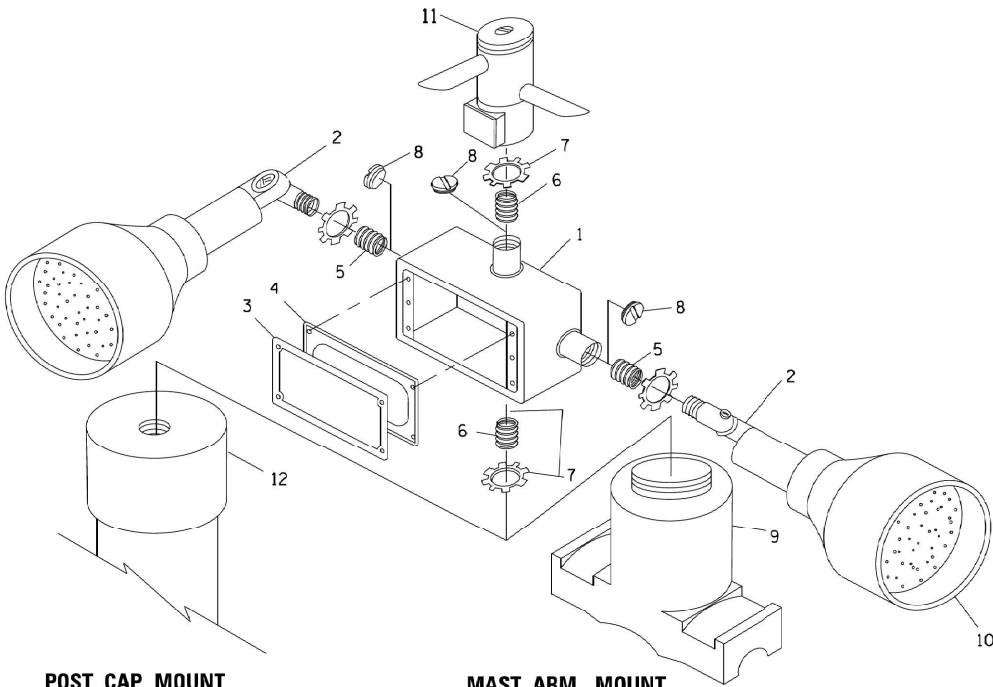
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
351	2019-047-TS	WILL	74	53A
CONTRACT NO. 62U76				
ILLINOIS FED. AID PROJECT				



NOTES:

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

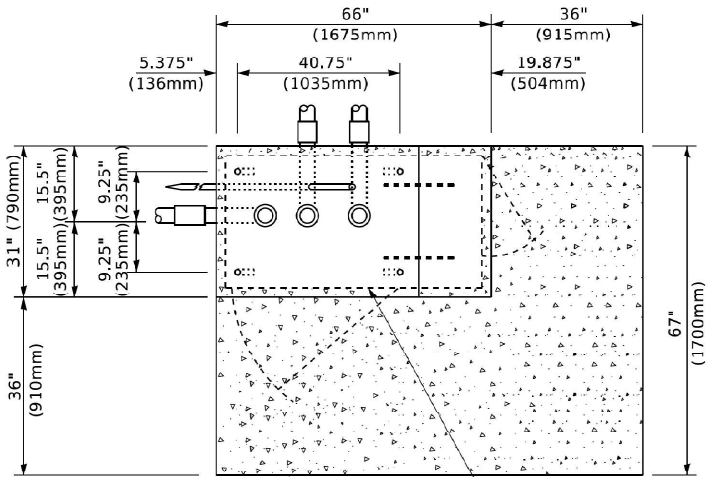
HANDHOLE WITH MINIMUM CONDUIT DEPTH
(NOT TO SCALE)



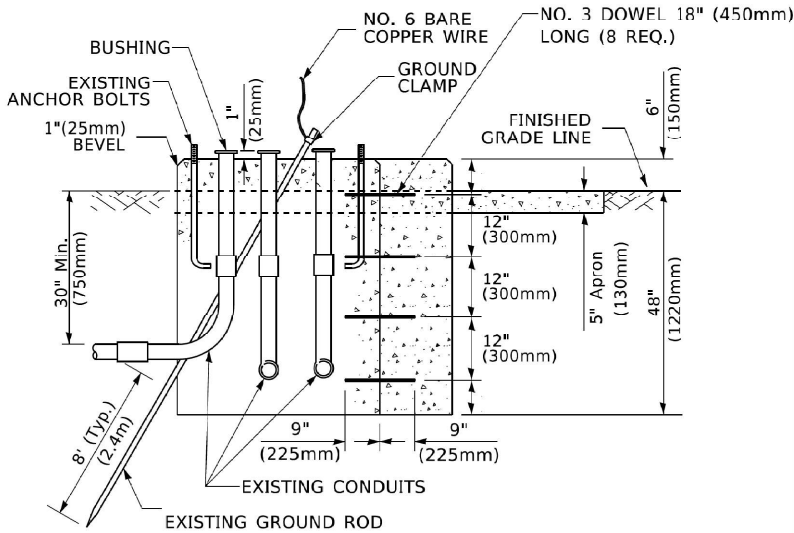
POST CAP MOUNT

MAST ARM MOUNT

EMERGENCY VEHICLE DETECTOR WITH CONFIRMATION
BEACON MOUNTING DETAIL



PROPOSED APRON
TOP VIEW
(NOT TO SCALE)
CONTROLLER CABINET BASE

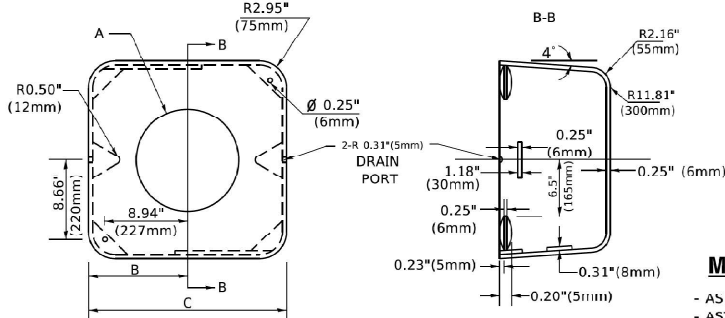


MODIFY EXISTING TYPE "D" FOUNDATION
TO TYPE "C" FOUNDATION
(NOT TO SCALE)

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

NOTES:

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



A	B	C	HEIGHT	WEIGHT
VARIES	9.5"(241mm)	19"(483mm)	7" (178mm) - 12" (300mm)	53 lbs (24kg)
VARIES	10.75"(273mm)	21.5"(546mm)	7" (178mm) - 12" (300mm)	68 lbs (31 kg)
VARIES	13.0"(330mm)	26"(660mm)	7" (170mm) - 12" (300mm)	81 lbs (37 kg)
VARIES	18.5"(470mm)	37"(940mm)	7" (178mm) - 12" (300mm)	126 lbs (57 kg)

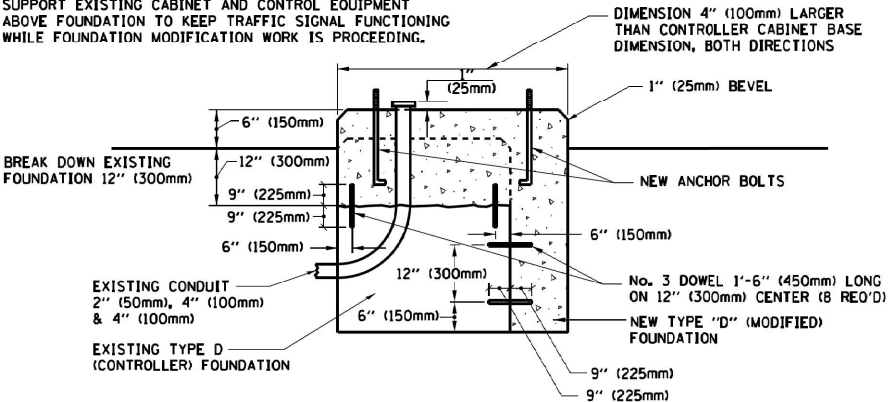
SHROUD

NOTES:

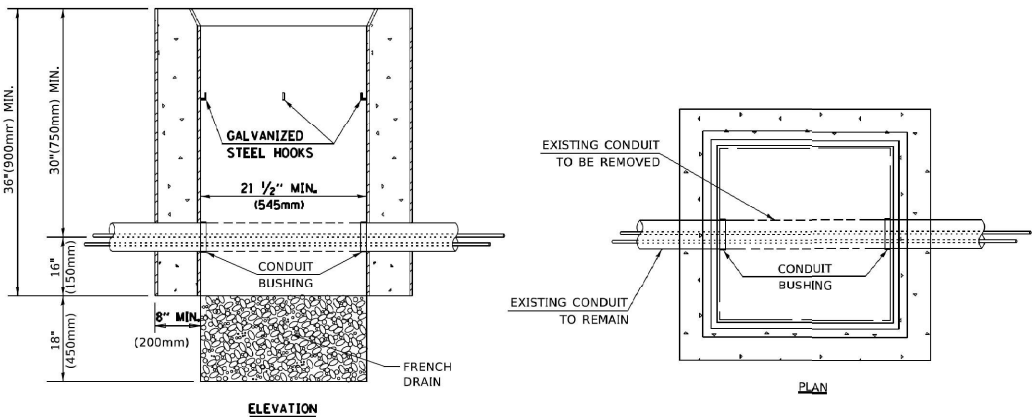
1. DIMENSION "A" IS EQUAL TO THE DIAMETER OF THE MAST ARM POLE AT THE TOP OF THE SHROUD. THE SHROUD SHALL BE TIGHT TO THE MAST ARM POLE.
2. THE SUPPLIER SHALL VERIFIED THE ABOVE DIMENSIONS BASED ON MAST ARM REQUIREMENTS.
3. THE HEIGHT OF THE SHROUD SHALL COVER THE ANCHOR BOLTS, NUTS AND MAST ARM POLE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

NOTE:

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



MODIFY EXISTING TYPE "D" FOUNDATION



NOTES:

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

HANDHOLE TO INTERCEPT EXISTING CONDUIT

MODEL: Default
FILE NAME: p:\01\08\EB\DNITEC\illinois.gov\2\WD\DOT\Documents\DOT Office\District 1\Projects\Dist5\2x2x34\AD\Data\CAD\sheet\ts05.dgn

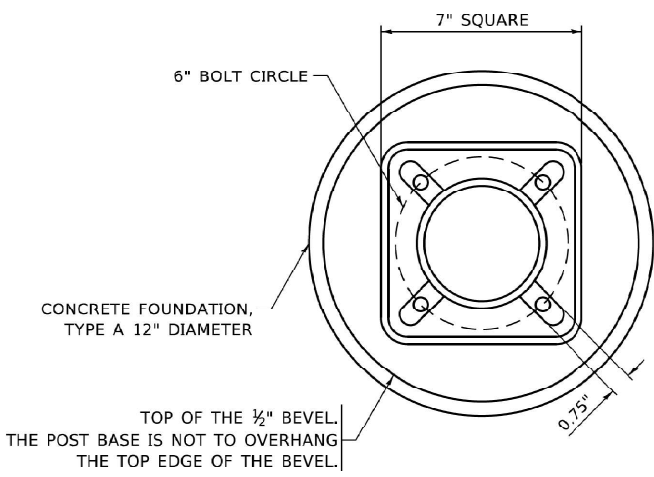
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DRAWN -	REVISED -	REVISED -
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PLOT DATE = 3/4/2019	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DISTRICT ONE
STANDARD TRAFFIC SIGNAL DESIGN DETAILS

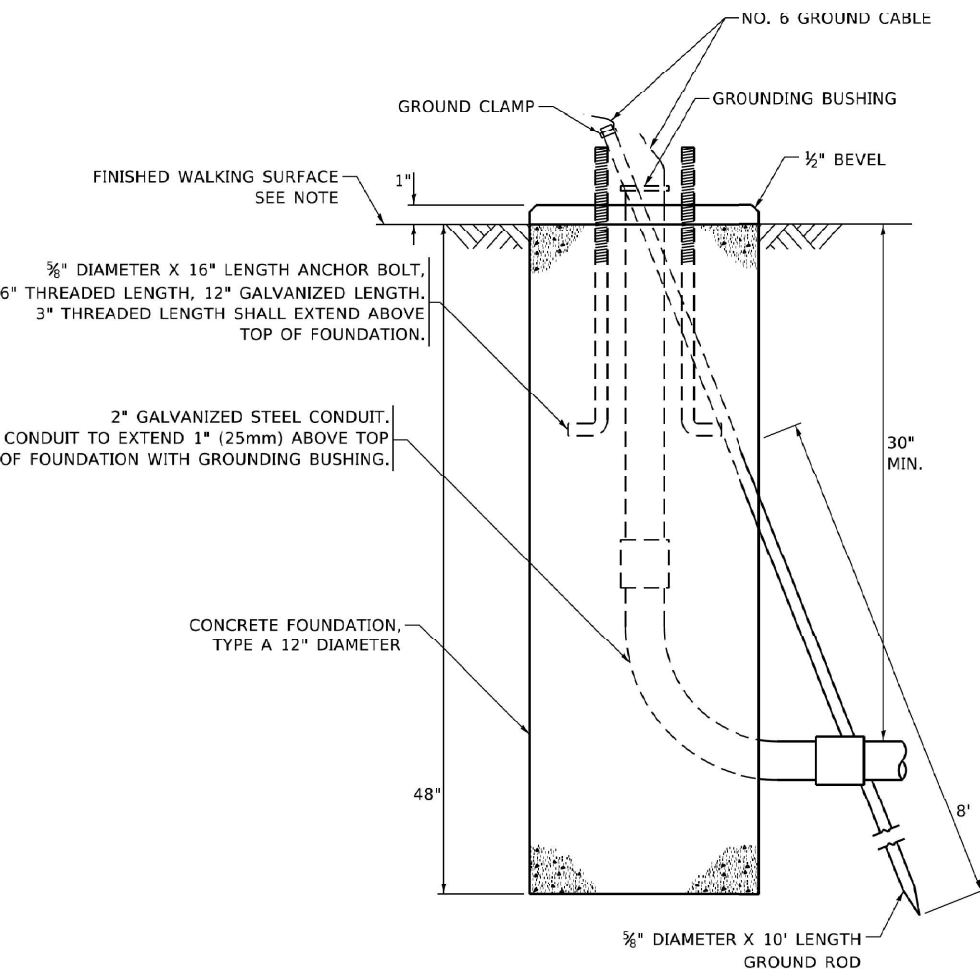
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
351	2019-047-TS	WILL	137	54
TS-05		CONTRACT NO. 62U76		
ILLINOIS		FED. AID PROJECT		

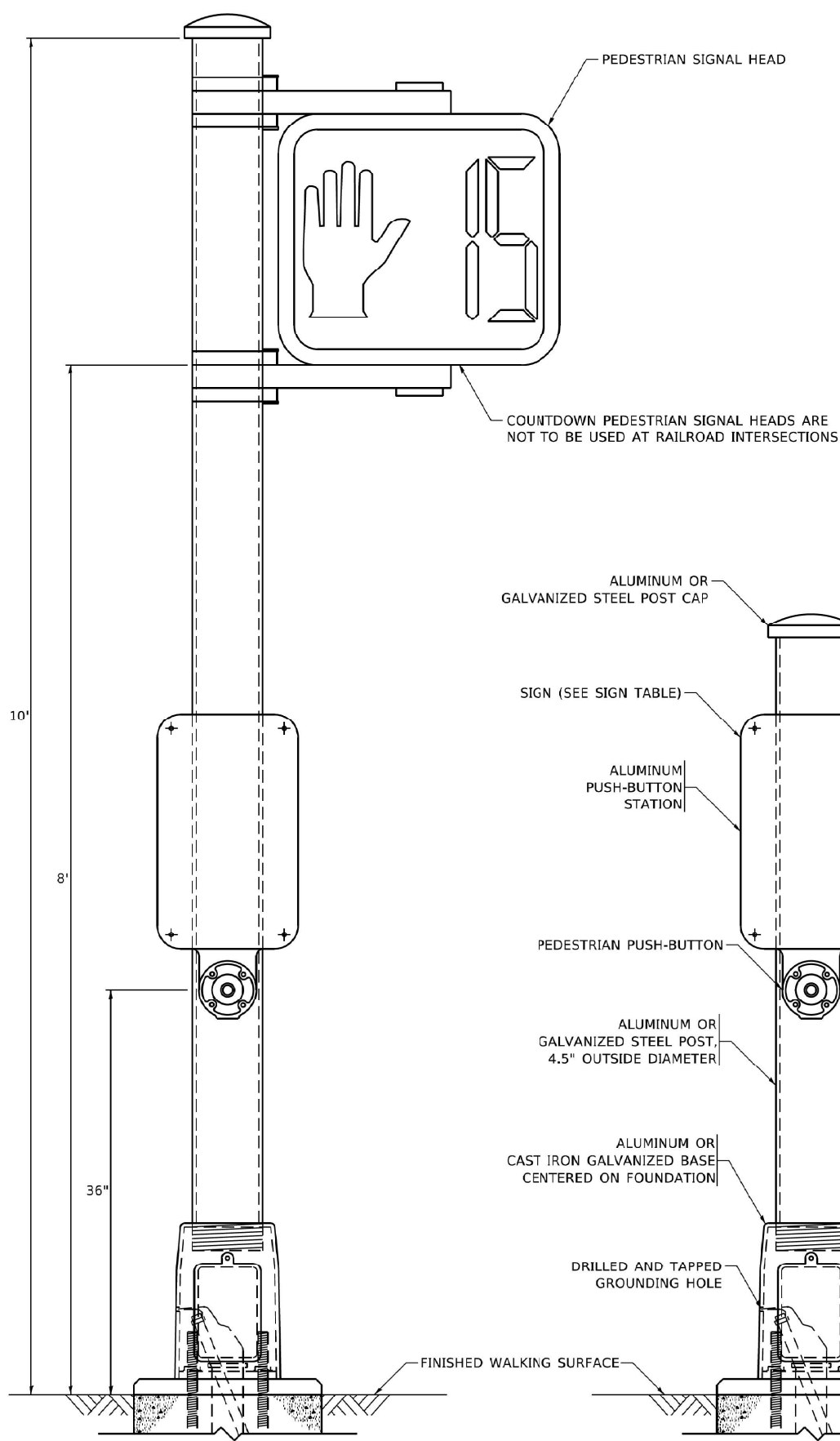


BOLT PATTERN

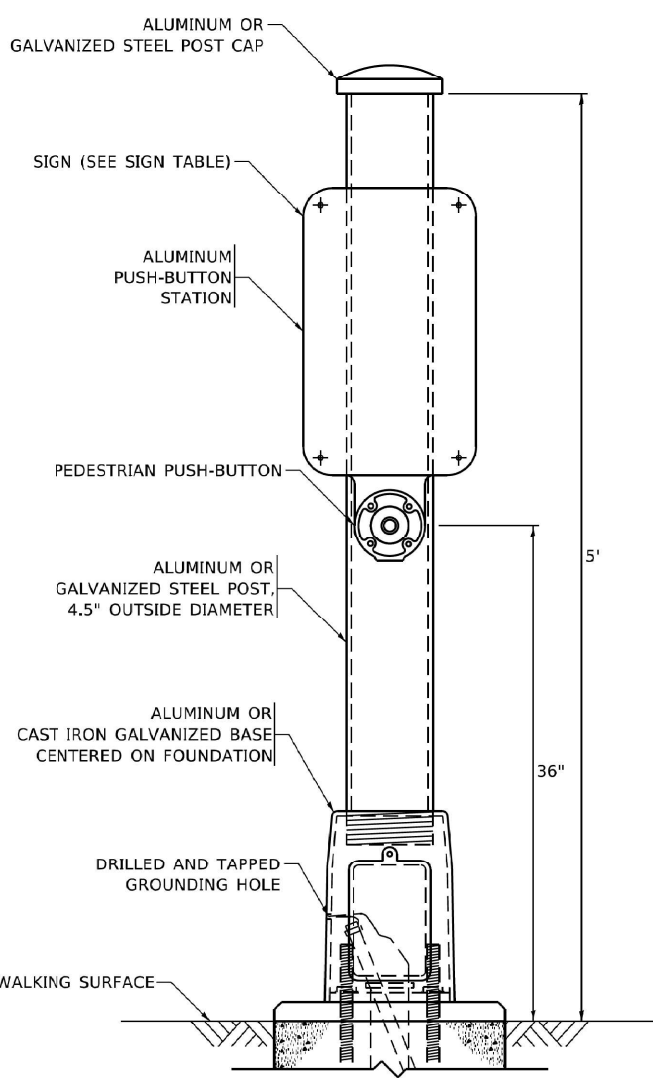
NOTE:
1. IF THE PEDESTRIAN SIGNAL POST FOUNDATION IS INSTALLED WITHIN OR BEHIND A BARRIER CURB, THE TOP OF THE FOUNDATION SHALL BE INSTALLED FLUSH WITH THE TOP OF THE BARRIER CURB.



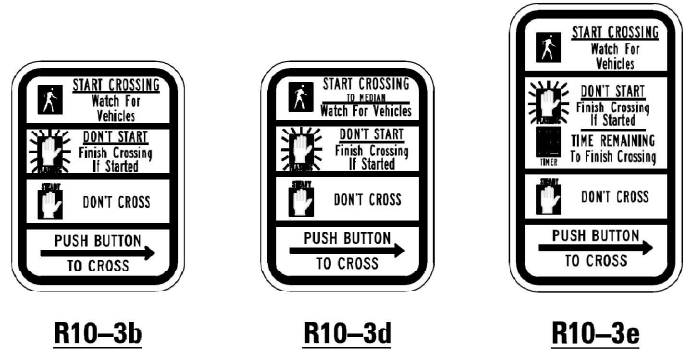
CONCRETE FOUNDATION, TYPE A 12-INCH DIAMETER



PEDESTRIAN SIGNAL POST, 10 FT.



PEDESTRIAN SIGNAL POST, 5 FT.



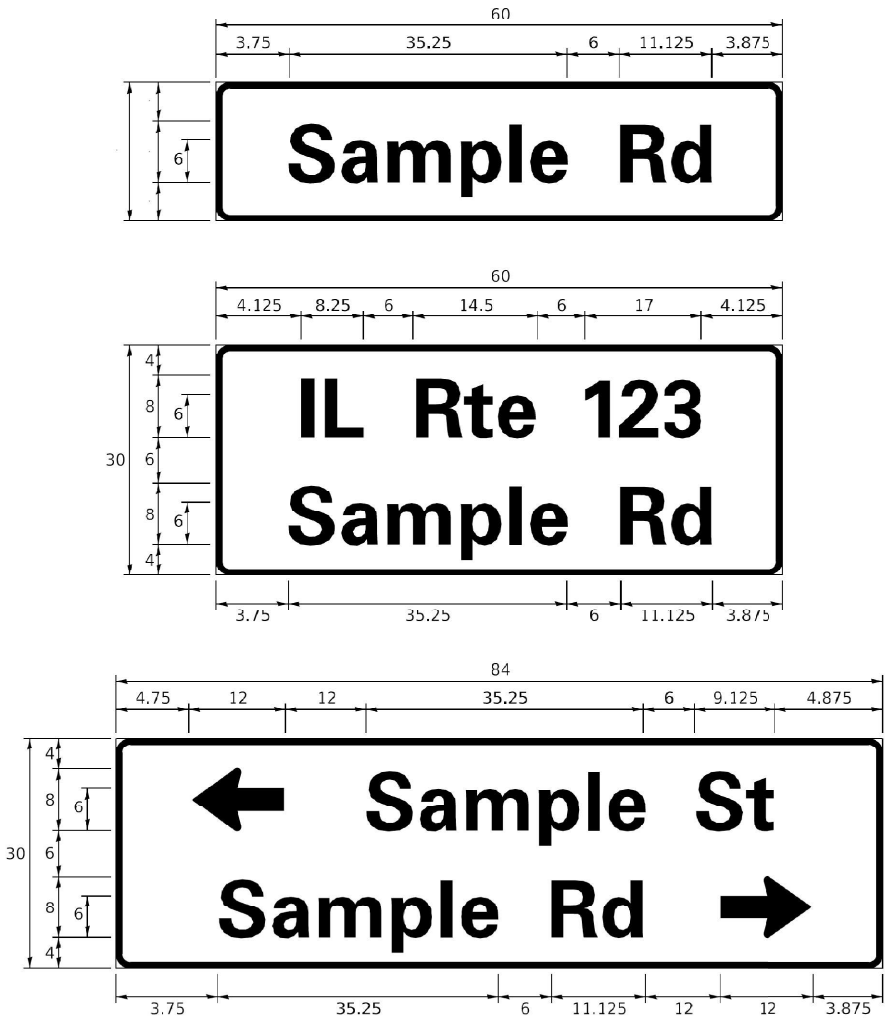
SIGN TABLE

SIGN	DIMENSIONS
R10-3b (RAILROAD ONLY)	9" X 12"
R10-3d (RAILROAD ONLY)	9" X 12"
R10-3e	9" X 12"

NOTES:
1. THE SIGN PANELS SHALL BE TYPE AP SHEETING.
2. THE ARROW ON SIGNS FOR PUSH-BUTTONS SERVING TWO DIRECTIONS ON THE SAME PHASE SHALL BE BI-DIRECTIONAL.
3. THE SIGN FOR DUAL-CALL PUSH-BUTTONS SHALL HAVE NO ARROW.

MODEL: Default
FILE NAME: p:\cadd\room.dwg
PROJECT: 2019-047-TS
SHEET: 55
DATE: 11/23/2020

SIGN PANEL – TYPE 1 OR TYPE 2



DESIGN SERIES	AREA (SQ. FT.)	SIGN PANEL TYPE	SHEETING TYPE	QTY. REQUIRED
D OR C	-	1 OR 2	ZZ	-

COMMON STREET NAME ABBREVIATIONS AND WIDTHS

NAME	ABBREVIATION	WIDTH (INCH)	
		SERIES "C"	SERIES "D"
AVENUE	Ave	15.000	18.250
BOULEVARD	Blvd	17.125	20.000
CIRCLE	Cir	11.125	13.000
COURT	Ct	8.250	9.625
DRIVE	Dr	8.625	10.125
HIGHWAY	Hwy	18.375	22.000
ILLINOIS	IL	7.000	8.250
LANE	Ln	9.125	10.750
PARKWAY	Pkwy	23.375	27.375
PLACE	Pl	7.125	7.750
ROAD	Rd	9.625	11.125
ROUTE	Rte	12.625	14.500
STREET	St	8.000	9.125
TERRACE	Ter	12.625	14.625
TRAIL	Tr	7.750	9.125
UNITED STATES	US	10.375	12.250

GENERAL NOTES

- WHERE MAST ARM MOUNTED STREET NAME SIGNS ARE SPECIFIED, THE MAST ARM ASSEMBLY AND POLES SHALL BE DESIGNED TO SUPPORT THE LOADINGS CALLED FOR ON STANDARDS 811001, 811002, 811006, 811011 AND 811012, AS APPLICABLE, PLUS TWO (2) SIGN PANELS 2'-6" x 8'-0" MOUNTED AS SHOWN. THE DESIGN SHALL BE IN ACCORDANCE WITH THE REQUIREMENTS OF THE CURRENT "STANDARD SPECIFICATIONS FOR STRUCTURAL SUPPORTS FOR HIGHWAY SIGNS, LUMINAIRES, AND TRAFFIC SIGNALS" AS PUBLISHED BY THE AMERICAN ASSOCIATION OF STATE HIGHWAY AND TRANSPORTATION OFFICIALS FOR 80 M.P.H. WIND VELOCITY.
- ALL SIGNS SHALL CONSIST OF A WHITE LEGEND AND BORDER (TYPE ZZ SHEETING) ON A GREEN BACKGROUND (TYPE ZZ SHEETING)
- THE SIGN LENGTH SHALL BE IN 6-INCH INCREMENTS, BUT THE OVERALL LENGTH SHALL NOT EXCEED 8'-0". ALL BORDERS IF POSSIBLE, BUT MAY BE REDUCED TO 5" WHEN SPACING IS CRITICAL. A MINIMUM OF 2-1/2" SHALL BE INCLUDED BETWEEN THE WORD AND THE RIGHT AND LEFT EDGES OF THE SIGN.
- A PREFERRED METHOD FOR THE SIGN DESIGN IS TO USE SERIES "D" LETTER ON A ONE-LINE SIGN 18" IN HEIGHT AND A MAXIMUM OF 8'-0" IN WIDTH. IF SERIES "D" DOES NOT FIT ON A 8'-0" SIGN, THEN SERIES "C" SHOULD BE TRIED. IF SERIES "C" DOES NOT FIT ON A 8'-0" SIGN, A 30" HIGH TWO-LINE SIGN CAN BE USED. THE CROSSROAD DESIGNATION AS TO STREET, AVENUE, ETC. SHOULD BE SPELLED OUT ON THE SECOND LINE, IF THE ABBREVIATION CANNOT FIT ON THE FIRST LINE.
- LED ILLUMINATED STREET NAME SIGNS CAN BE USED IN PLACE OF REGULAR SIGN PANELS BUT ANY SPECIAL WORDING AND SYMBOLOGY MUST BE APPROVED BY THE DEPARTMENT. GENERAL DESIGN REQUIREMENT AS LISTED ABOVE (COLOR, FONT, SIZE, ETC.) MUST BE FOLLOWED.
- SIGNFIX ALUMINUM CHANNEL FRAMING SYSTEM SHALL BE USED FOR ALL SIGNS ATTACHED TO SIGNAL POLES AND POSTS.

LOCAL SUPPLIERS:

- J.O. HERBERT COMPANY, INC
MIDLOTHIAN, VA

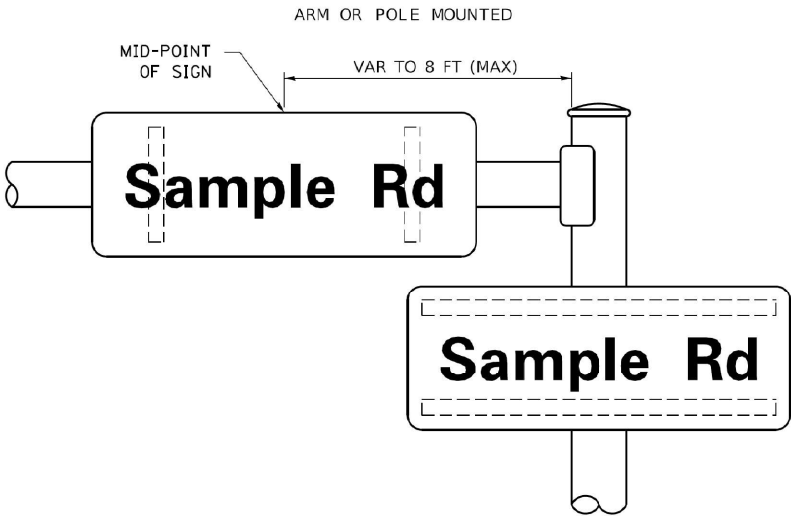
- WESTERN REMAC, INC.
WOODRIDGE, IL

PARTS LISTING:

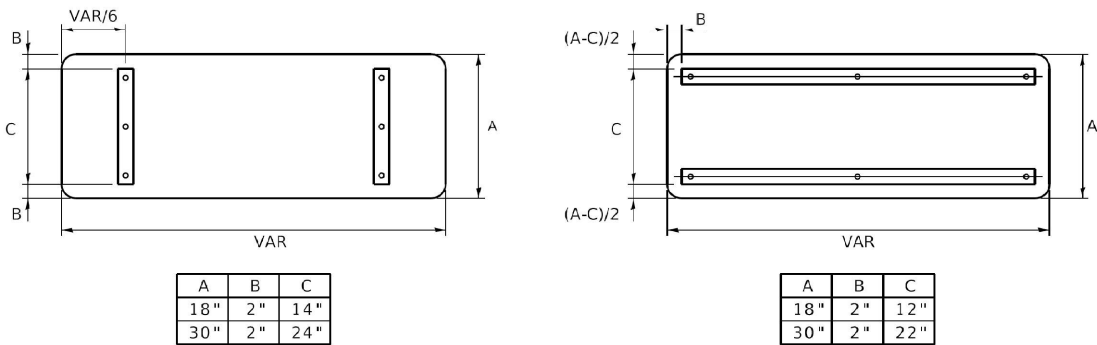
SIGN CHANNEL
SIGN SCREWS
PART #HPN053 (MED. CHANNEL)
1/4" x 14 x 1" H.V.H. #3
SELF TAPPING WITH NEOPRENE WASHER
PART #HPN034 (UNIVERSAL)
CHANNEL CLAMPS WITH STAINLESS STEEL STRAPPING

OTHER BRANDS OF MOUNTING HARDWARE ARE ACCEPTABLE, BASED UPON THE DEPARTMENT'S APPROVAL AND COMPATIBILITY WITH THE CHANNEL/BACKET OF THE ABOVE PRODUCT.

MOUNTING LOCATION



SUPPORTING CHANNELS



STANDARD ALPHABETS SPACING CHART

(8") UPPER CASE AND (6") LOWER CASE

FHWA SERIES "C"				FHWA SERIES "D"			
CHARACTER	LEFT SPACING (INCH)	WIDTH (INCH)	RIGHT SPACING (INCH)	CHARACTER	LEFT SPACING (INCH)	WIDTH (INCH)	RIGHT SPACING (INCH)
A	0.240	5.122	0.240	A	0.240	6.804	0.240
B	0.880	4.482	0.480	B	0.960	5.446	0.400
C	0.720	4.482	0.720	C	0.800	5.446	0.800
D	0.880	4.482	0.720	D	0.960	5.446	0.800
E	0.880	4.082	0.480	E	0.960	4.962	0.400
F	0.880	4.082	0.240	F	0.960	4.962	0.240
G	0.720	4.482	0.720	G	0.800	5.446	0.800
H	0.880	4.482	0.880	H	0.960	5.446	0.960
I	0.880	1.120	0.880	I	0.960	1.280	0.960
J	0.240	4.082	0.880	J	0.240	5.122	0.960
K	0.880	4.482	0.480	K	0.960	5.604	0.400
L	0.880	4.082	0.240	L	0.960	4.962	0.240
M	0.880	5.284	0.880	M	0.960	6.244	0.960
N	0.880	4.482	0.880	N	0.960	5.446	0.960
O	0.720	4.722	0.720	O	0.800	5.684	0.800
P	0.880	4.482	0.720	P	0.960	5.446	0.240
Q	0.720	4.722	0.720	Q	0.800	5.684	0.800
R	0.880	4.482	0.480	R	0.960	5.446	0.400
S	0.480	4.482	0.480	S	0.400	5.446	0.400
T	0.240	4.082	0.240	T	0.240	4.962	0.240
U	0.880	4.482	0.880	U	0.960	5.446	0.960
V	0.240	4.962	0.240	V	0.240	6.084	0.240
W	0.240	6.084	0.240	W	0.240	7.124	0.240
X	0.240	4.722	0.240	X	0.400	5.446	0.400
Y	0.240	5.122	0.240	Y	0.240	6.884	0.240
Z	0.480	4.482	0.480	Z	0.400	5.446	0.400
a	0.320	3.842	0.640	a	0.400	4.562	0.720
b	0.720	4.082	0.480	b	0.800	4.802	0.480
c	0.480	4.002	0.240	c	0.480	4.722	0.240
d	0.480	4.082	0.720	d	0.480	4.802	0.800
e	0.480	4.082	0.320	e	0.480	4.722	0.320
f	0.320	2.480	0.160	f	0.320	2.882	0.160
g	0.480	4.082	0.720	g	0.480	4.802	0.800
h	0.720	4.082	0.640	h	0.800	4.722	0.720
i	0.720	1.120	0.720	i	0.800	1.280	0.800
j	0.000	2.320	0.720	j	0.000	2.642	0.800
k	0.720	4.322	0.160	k	0.800	5.122	0.160
l	0.720	1.120	0.720	l	0.800	1.280	0.800
m	0.720	6.724	0.640	m	0.800	7.926	0.720
n	0.720	4.082	0.640	n	0.800	4.722	0.720
o	0.480	4.082	0.480	o	0.480	4.882	0.480
p	0.720	4.082	0.480	p	0.800	4.802	0.480
q	0.480	4.082	0.720	q	0.480	4.802	0.800
r	0.720	2.642	0.160	r	0.800	3.042	0.160
s	0.320	3.362	0.240	s	0.320	3.762	0.240
t	0.080	2.882	0.080	t	0.080	3.202	0.080
u	0.640	4.082	0.720	u	0.720	4.722	0.800
v	0.160	4.722	0.160	v	0.160	5.684	0.160
w	0.160	7.524	0.160	w	0.160	9.046	0.160
x	0.000	5.202	0.000	x	0.000	6.244	0.000
y	0.160	4.962	0.160	y	0.160	6.004	0.160
z	0.240	3.362	0.240	z	0.240	4.002	0.240
1	0.720	1.680	0.880	1	0.800	2.000	0.960
2	0.480	4.482	0.480	2	0.800	5.446	0.800
3	0.480	4.482	0.480	3	1.440	5.446	0.800
4	0.240	4.962	0.720	4	0.160	6.004	0.960
5	0.480	4.482	0.480	5	0.800	5.446	0.800
6	0.720	4.482	0.720	6	0.800	5.446	0.800
7	0.240	4.482	0.720	7	0.560	5.446	0.560
8	0.480	4.482	0.480	8	0.800	5.446	0.800
9	0.480	4.482	0.480	9	0.800	5.446	0.800
0	0.720	4.722	0.720	0	0.800	5.684	0.800
-	0.240	2.802	0.240	-	0.240	2.802	0.240

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DRAWN - LP	REVISED -	
PLOT SCALE = 50.0000 " / in.	CHECKED - IP	REVISED -
PLOT DATE = 3/4/2019	DATE - 10/01/2014	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DISTRICT ONE
MAST ARM MOUNTED STREET NAME SIGNS

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
351	2019-047-TS	WILL	137	56
TS-02		CONTRACT NO. 62U76		
		ILLINOIS	FED. AID PROJECT	

(A)

LEFT ON
GREEN
ARROW
ONLY

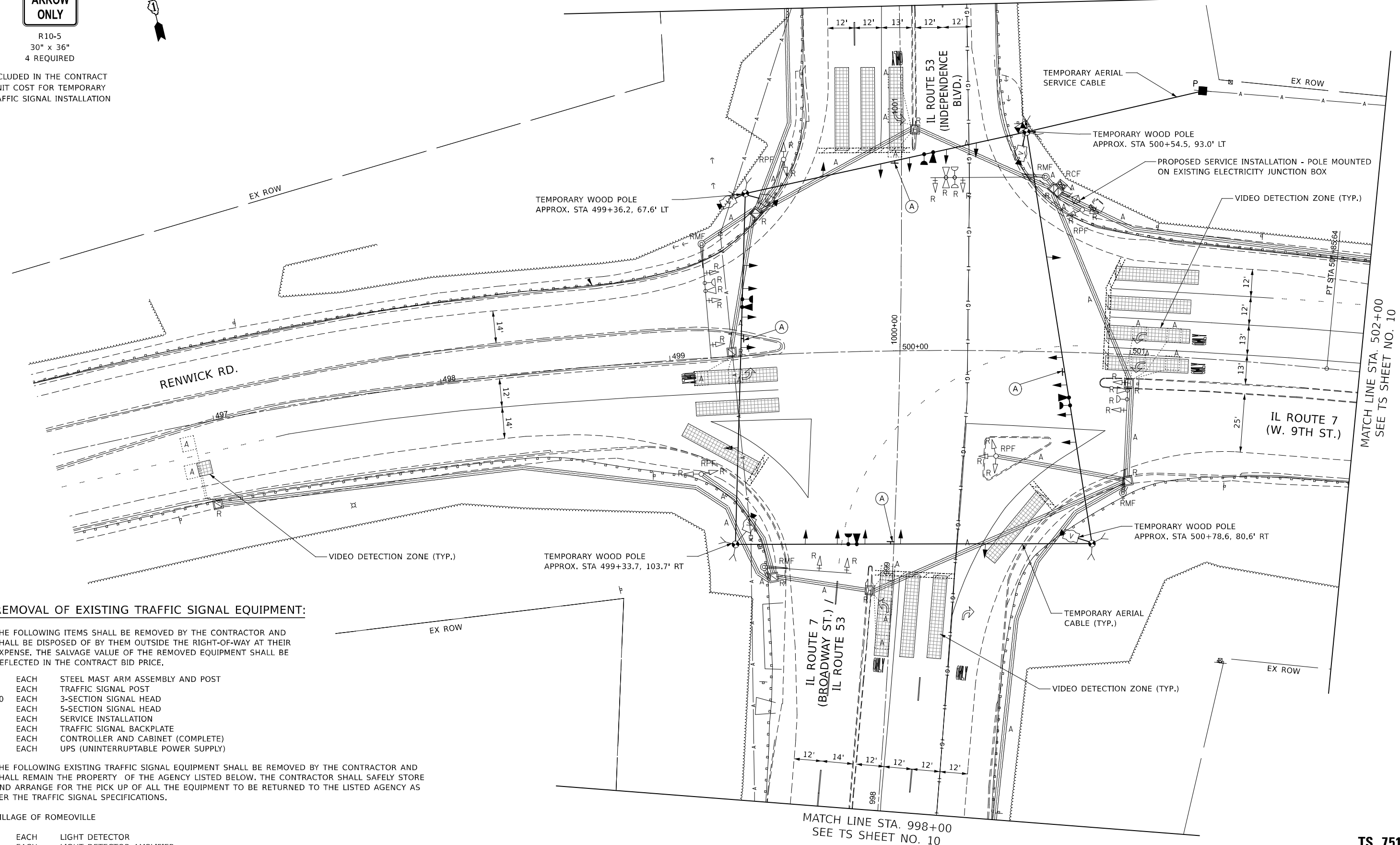
R10-5
30" x 36"
4 REQUIRED

INCLUDED IN THE CONTRACT
UNIT COST FOR TEMPORARY
TRAFFIC SIGNAL INSTALLATION



0 20 40 60
SCALE IN FEET

SEE TS SHEET NO. 10
MATCH LINE STA. 1001+50



REMOVAL OF EXISTING TRAFFIC SIGNAL EQUIPMENT:

THE FOLLOWING ITEMS SHALL BE REMOVED BY THE CONTRACTOR AND SHALL BE DISPOSED OF BY THEM OUTSIDE THE RIGHT-OF-WAY AT THEIR EXPENSE. THE SALVAGE VALUE OF THE REMOVED EQUIPMENT SHALL BE REFLECTED IN THE CONTRACT BID PRICE.

4	EACH	STEEL MAST ARM ASSEMBLY AND POST
4	EACH	TRAFFIC SIGNAL POST
10	EACH	3-SECTION SIGNAL HEAD
8	EACH	5-SECTION SIGNAL HEAD
1	EACH	SERVICE INSTALLATION
9	EACH	TRAFFIC SIGNAL BACKPLATE
1	EACH	CONTROLLER AND CABINET (COMPLETE)
1	EACH	UPS (UNINTERRUPTABLE POWER SUPPLY)

THE FOLLOWING EXISTING TRAFFIC SIGNAL EQUIPMENT SHALL BE REMOVED BY THE CONTRACTOR AND SHALL REMAIN THE PROPERTY OF THE AGENCY LISTED BELOW. THE CONTRACTOR SHALL SAFELY STORE AND ARRANGE FOR THE PICK UP OF ALL THE EQUIPMENT TO BE RETURNED TO THE LISTED AGENCY AS PER THE TRAFFIC SIGNAL SPECIFICATIONS.

VILLAGE OF ROMEOVILLE

3	EACH	LIGHT DETECTOR
1	EACH	LIGHT DETECTOR AMPLIFIER

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TEMPORARY TRAFFIC SIGNAL INSTALLATION PLAN (PRE-STAGE)
IL 7 / IL 53

SCALE: SHEET 9 OF 17 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
351	2019-047-TS	WILL	137	57
CONTRACT NO. 62U76				
ILLINOIS FED. AID PROJECT				

TS 7510

MODEL: R10-5
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WSP USA Inc.
30 N. LASALLE STREET
SUITE 400
CHICAGO, IL 60602
TEL: (312) 782-8150
FAX: (312) 782-1084

USER NAME = USHA689697
DESIGNED - R.A.C.
DRAWN - R.A.C.
PLOT SCALE = 1:40
CHECKED - M.J.M.
DATE = 11/03/2023
PLOT DATE = 2/9/2024

DESIGNED - R.A.C.
DRAWN - R.A.C.
CHECKED - M.J.M.
DATE = 11/03/2023

REVISED -
REVISED -
REVISED -
REVISED -

MODEL: \$MODELNAME\$
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WSP USA Inc.
30 N. LA SALLE STREET
SUITE 4200
CHICAGO, IL 60602
TEL: (312) 782-8150
FAX: (312) 732-1084

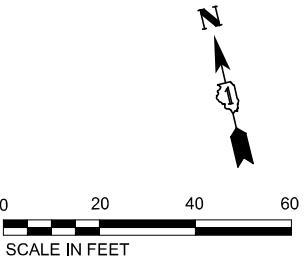
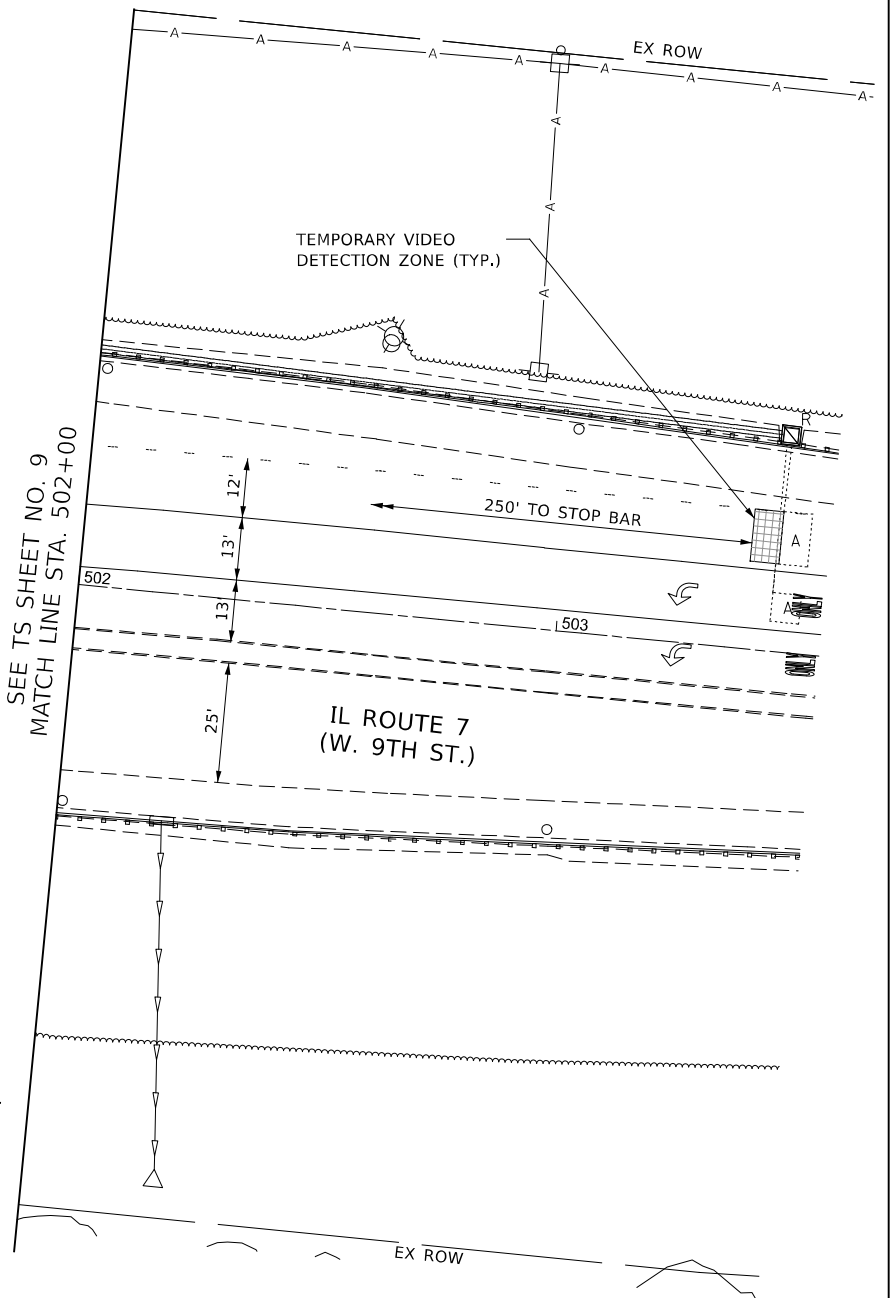
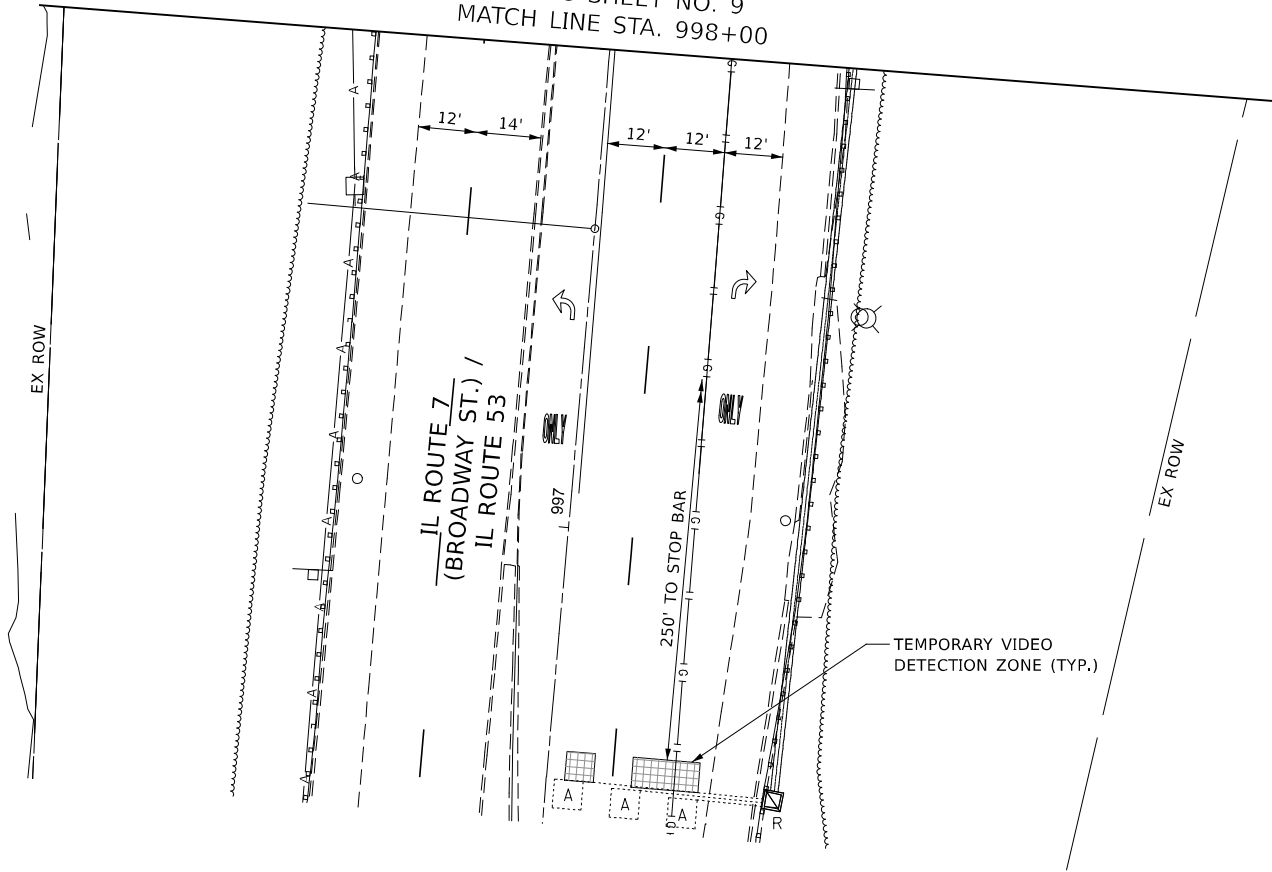
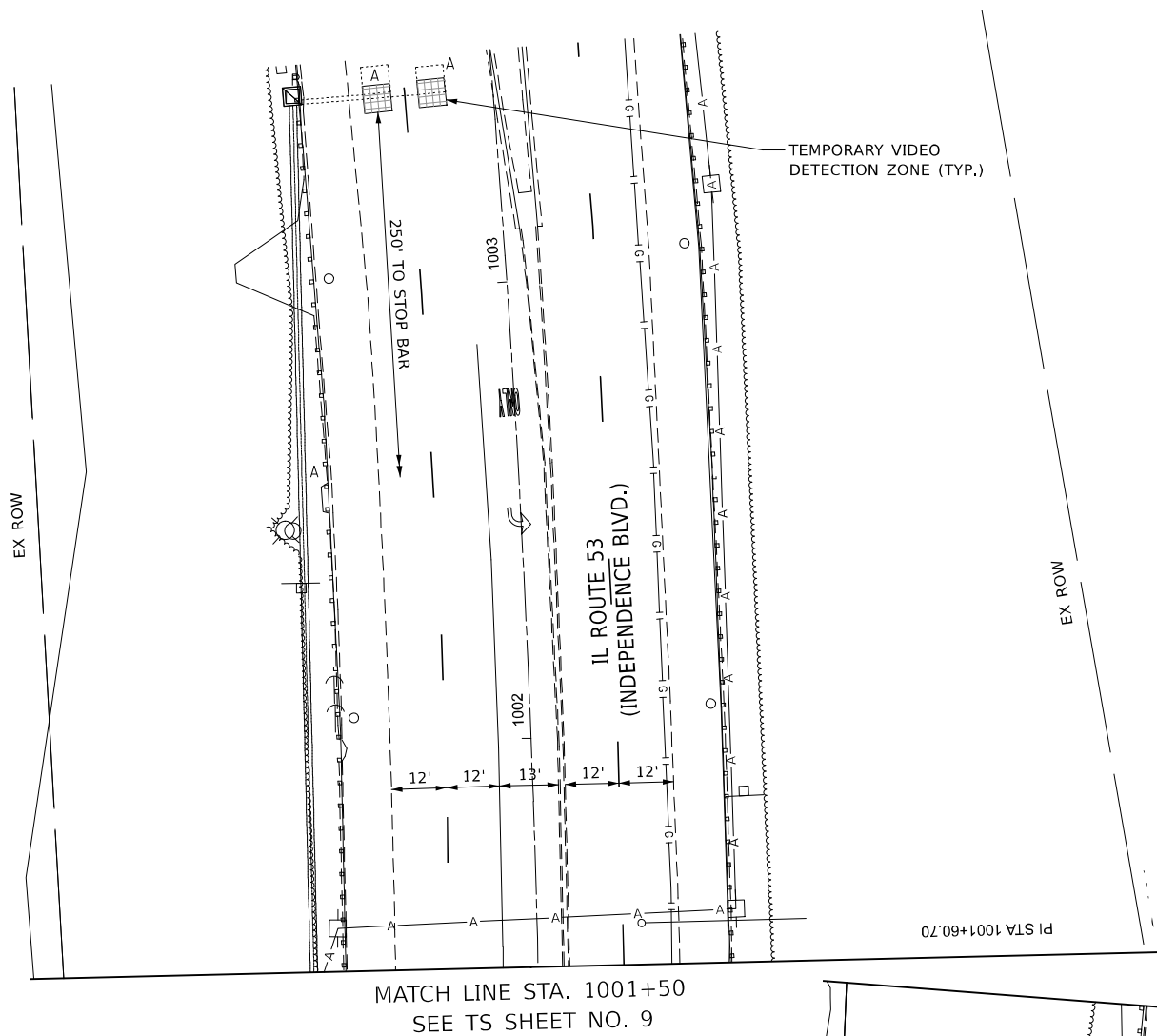
USER NAME = USHA689697	DESIGNED - R.A.C.	REVISED -
DRAWN - R.A.C.	REVISED -	
PLOT SCALE = 1:40	CHECKED - M.J.M.	REVISED -
DATE = 11/03/2023	REVISED -	
PLOT DATE = 2/9/2024		

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TEMPORARY TRAFFIC SIGNAL INSTALLATION PLAN (PRE-STAGE)
IL 7 / IL 53

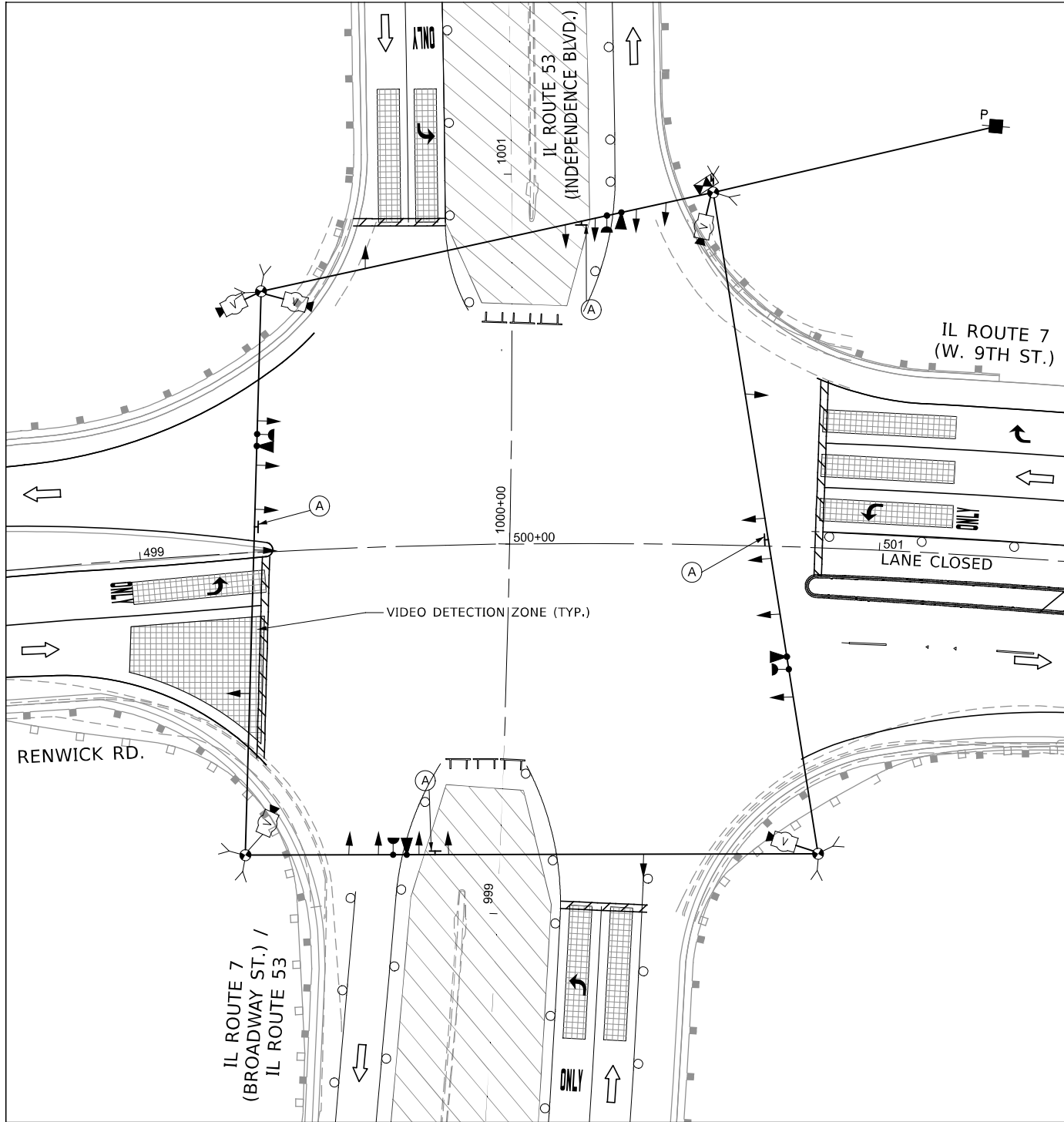
SCALE: SHEET 10 OF 17 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
351	2019-047-TS	WILL	137	58
CONTRACT NO. 62U76				
ILLINOIS FED. AID PROJECT				



TS 7510

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STAGE 3



R10-5
30" x 36"
4 REQUIRED

INCLUDED IN THE CONTRACT
UNIT COST FOR TEMPORARY
TRAFFIC SIGNAL INSTALLATION.



WSP USA Inc.
30 N. LA SALLE STREET
SUITE 4200
CHICAGO, IL 60602
TEL: (312) 782-8150
FAX: (312) 732-1684

USER NAME = USHA689697	DESIGNED - R.A.C.	REVISED -
	DRAWN - R.A.C.	REVISED -
PLOT SCALE = 1:40	CHECKED - M.J.M.	REVISED -
PLOT DATE = 2/9/2024	DATE - 11/03/2023	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TEMPORARY TRAFFIC SIGNAL INSTALLATION PLAN
(STAGE 3) IL 7 / IL 53

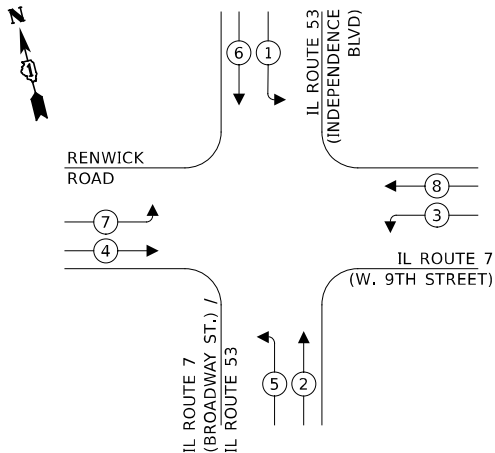
SCALE: SHEET 12 OF 17 SHEETS STA. TO STA.



TS 7510

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
351	2019-047-TS	WILL	137	60
CONTRACT NO. 62U76				
		ILLINOIS	FED. AID PROJECT	

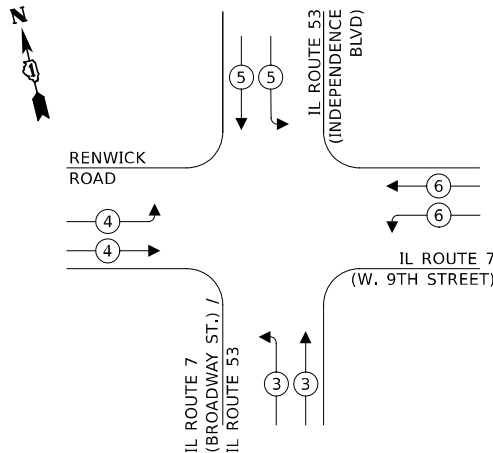
CONTROLLER
SEQUENCE



LEGEND:

← (*) — PROTECTED PHASE

EMERGENCY VEHICLE
PREEMPTION SEQUENCE



TRAFFIC SIGNAL
ELECTRIC SERVICE REQUIREMENTS

TYPE	QUANTITY	UNIT	WATTAGE	TOTAL WATTAGE
SIGNAL HEAD				
3 - SECTION	20	11		220.0
4 - SECTION	-	14		-
5 - SECTION	-	13		-
PROGRAMMABLE SIGNAL				
3 - SECTION	-	22		-
4 - SECTION	-	32		-
5 - SECTION	-	28		-
PED. SIGNAL	-	15		-
CONTROLLER	1	150		150.0
MASTER CONTROLLER	-	100		-
UPS	1	25		25.0
DETECTION RADAR	-	20		-
VIDEO	5	20		100.0
BLANK-OUT SIGN	-	25		-
PTZ CAMERA	-	75		-
NETWORK SWITCH II OR III	-	35		-
CELLULAR MODEM	-	15		-
TOTAL UPS SIZING				495.0
UPS CHARGING	1	225		225.0
BATTERY HEATER MAT	1	180		180.0
CABINET HEATER	1	200		200.0
FLASHER	1	15		15.0
LED STREET NAME SIGN	-	120		-
LUMINAIRE	-	240		-
TOTAL SERVICE WIRE SIZING				1,115.0

ENERGY COSTS TO:
ILLINOIS DEPARTMENT
OF TRANSPORTATION
201 CENTER CT.
SCHAUMBURG, IL 60196

ENERGY SUPPLY: CONTACT: RICK OSTER
PHONE: (779) 231-0625
COMPANY: COMMONWEALTH EDISON
ACCOUNT NUMBER: ---



WSP USA Inc.
30 N. LASALLE STREET
SUITE 4200
CHICAGO, IL 60602
TEL: (312) 782-8150
FAX: (312) 752-1084

USER NAME	= USHA689697
DESIGNED	- R.A.C.
DRAWN	- R.A.C.
CHECKED	- M.J.M.
DATE	- 11/03/2023
PLOT SCALE	= 1:40
PLOT DATE	= 2/9/2024

REVISED	-
REVISED	-
REVISED	-
REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TEMPORARY CABLE PLAN
(NOT TO SCALE)

TEMPORARY CABLE PLAN, TEMPORARY CONTROLLER SEQUENCE
AND TEMPORARY EMERGENCY VEHICLE PREEMPTION SEQUENCE
IL 7 / IL 53

SCALE: SHEET 13 OF 17 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
351	2019-047-TS	WILL	137	61
CONTRACT NO. 62U76				
ILLINOIS FED. AID PROJECT				

TS 7510



- NOTES:
1. PROPOSED SIGNALS HAVE BEEN LOCATED TO AVOID FUTURE CONFLICTS WITH A PLANNED SHARED-USE PATH. DOUBLE HANDHOLE PROVIDED IN THE NW CORNER AND CONDUIT SIZING IS APPROPRIATE TO ACCOMMODATE POTENTIAL FUTURE PEDESTRIAN SIGNAL POSTS WITH APS BUTTONS.
 2. EACH DETECTOR LOOP SHALL HAVE ITS OWN 1" COILABLE NON-METALLIC CONDUIT BETWEEN THE EDGE OF PAVEMENT AND THE ADJACENT HANDHOLE AS SHOWN ON THE PLANS. THIS WORK SHALL BE CONSIDERED INCLUDED IN THE CONTRACT UNIT COST FOR DETECTOR LOOP, TYPE I.
 3. ALL RED SIGNAL FACES SHALL HAVE A LENS COVER INSTALLED. THIS WORK SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE FOR EACH LED SIGNAL FACE, LENS COVER.

POTENTIAL FUTURE SHARED-USE PATH
PLANNED BY OTHERS (SEE NOTE 1)

42' MAST ARM, 36" DIA. FND
(15 FEET DEPTH, 13'+2' FOR GRADE)
STA 499+16.6, 51.5' LT

16' POST, TYPE A FOUNDATION
STA 499+51.9, 83.7' LT

SEE TS SHT NO. 15
MATCH LINE STA. 1001+50

50' MAST ARM, 36" DIA. FND
(15 FEET DEPTH)
STA 500+54.6, 89.2' LT

SERVICE INSTALLATION,
GROUND MOUNTED, METERED
STA 500+69.1, 86.5' LT

FULL-ACTUATED CONTROLLER AND
TYPE SUPER P CABINET (WITH CONCRETE PAD)
STA 500+58.2, 86.7' LT

SEE LANDSCAPING PLANS FOR GRADING
DETAIL FOR CONTROLLER FOUNDATION.

EX ROW

EXISTING ELECTRIC
UTILITY POLE

28' MAST ARM, 30" DIA. FND
(10 FEET DEPTH)
STA 500+91.5, 58.2' LT

POTENTIAL FUTURE SHARED-USE PATH
PLANNED BY OTHERS (SEE NOTE 1)

278' UC
2"

RENWICK RD.

250' TO STOP BAR

246' UC
2"

42' MAST ARM, 36" DIA. FND
(15 FEET DEPTH, 13'+2' FOR GRADE)
STA 499+19.0, 66.1' RT

52' MAST ARM, 36" DIA. FND
(17 FEET DEPTH, 15'+2' FOR GRADE)
STA 499+32.6, 90.4' RT

IL ROUTE 7
(BROADWAY ST.) /
IL ROUTE 53

76' UC
2"

60' MAST ARM, 42" DIA. FND
(23 FEET DEPTH, 21'+2' FOR GRADE)
STA 500+89.6, 70.4' RT

POTENTIAL FUTURE SHARED-USE
PATH PLANNED BY
OTHERS (SEE NOTE 1)

34' MAST ARM, 36" DIA. FND
(13 FEET DEPTH, 11'+2' FOR GRADE)
STA 500+67.6, 89.0' RT

EX ROW

236' UC
2"

MATCH LINE STA. 502+00
SEE TS SHT NO. 15

LEFT ON
GREEN
ARROW
ONLY

R10-5
30" x 36"
8 REQUIRED

SIGN PANEL, TYPE 1

MATCH LINE STA. 998+00
SEE TS SHT NO. 15

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL 7 / IL 53
TRAFFIC SIGNAL INSTALLATION PLAN

SCALE: SHEET 14 OF 17 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
351	2019-047-TS	WILL	137	62
CONTRACT NO. 62U76				
ILLINOIS FED. AID PROJECT				

TS 7510

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WSP USA Inc.
30 N. LASALLE STREET
SUITE 4200
CHICAGO, IL 60602
TEL: (312) 782-8150
FAX: (312) 732-1084

USER NAME = USHA689697
DESIGNED - R.A.C.
DRAWN - R.A.C.
PLOT SCALE = 1:40
CHECKED - M.J.M.
DATE = 11/03/2023
PLOT DATE = 2/9/2024

DESIGNED - R.A.C.
DRAWN - R.A.C.
CHECKED - M.J.M.
DATE = 11/03/2023

REVISED -
REVISED -
REVISED -
REVISED -

MODEL: \$MODELNAME\$
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WSP USA Inc.
30 N. LASALLE STREET
SUITE 4200
CHICAGO, IL 60602
TEL: (312) 782-8150
FAX: (312) 732-1084

USER NAME	= USHA689697
DESIGNED	- R.A.C.
DRAWN	- R.A.C.
PLOT SCALE	= 1:40
CHECKED	- M.J.M.
DATE	= 11/03/2023
REVIS	
REVIS	
REVIS	
REVIS	
REVIS	

DESIGNED	- R.A.C.
DRAWN	- R.A.C.
CHECKED	- M.J.M.
DATE	= 11/03/2023
REVIS	
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REVIS	
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REVIS	

DESIGNED	- R.A.C.
DRAWN	- R.A.C.
CHECKED	- M.J.M.
DATE	= 11/03/2023
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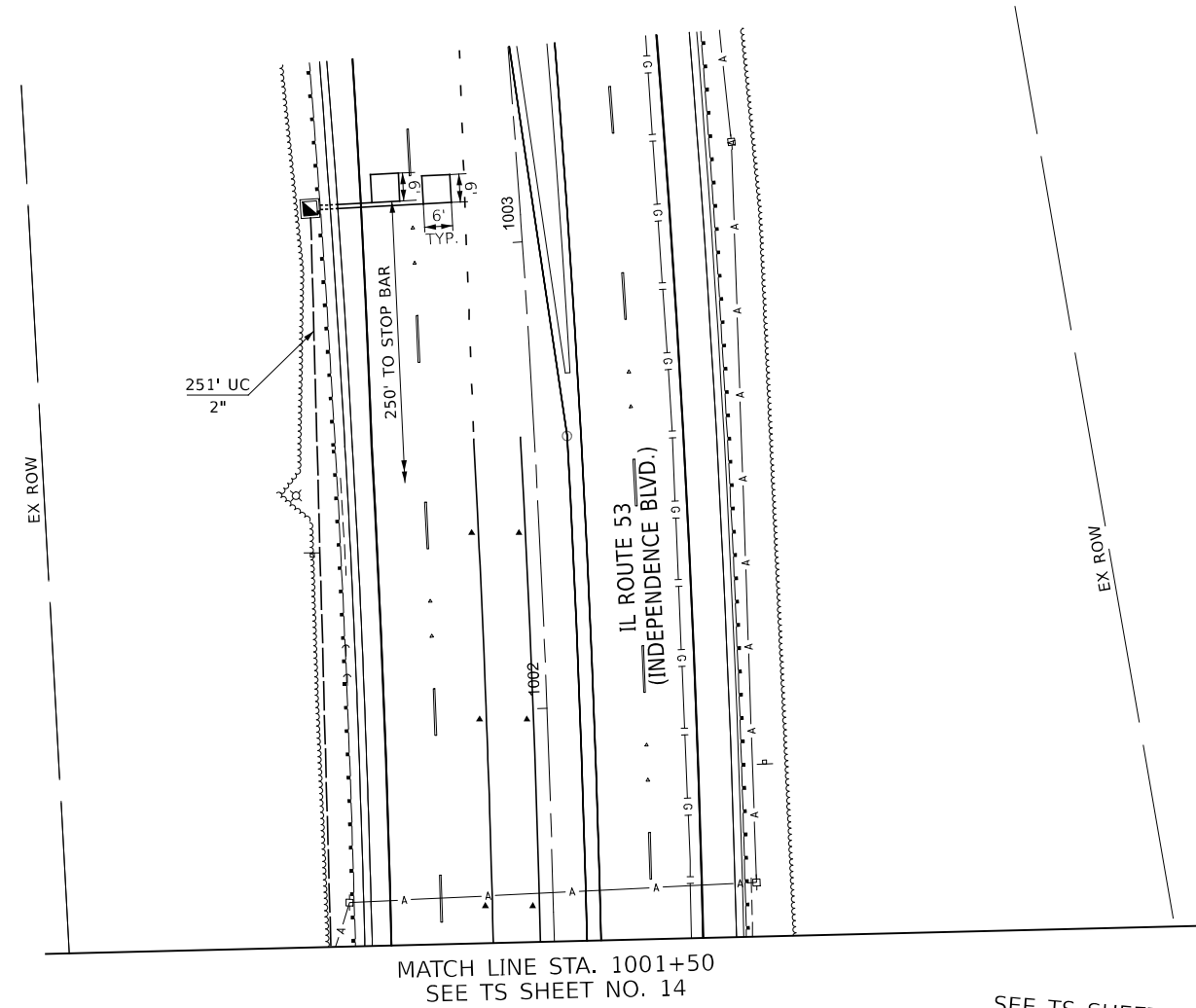
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DRAWN	- R.A.C.
CHECKED	- M.J.M.
DATE	= 11/03/2023
REVIS	
REVIS	
REVIS	
REVIS	
REVIS	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

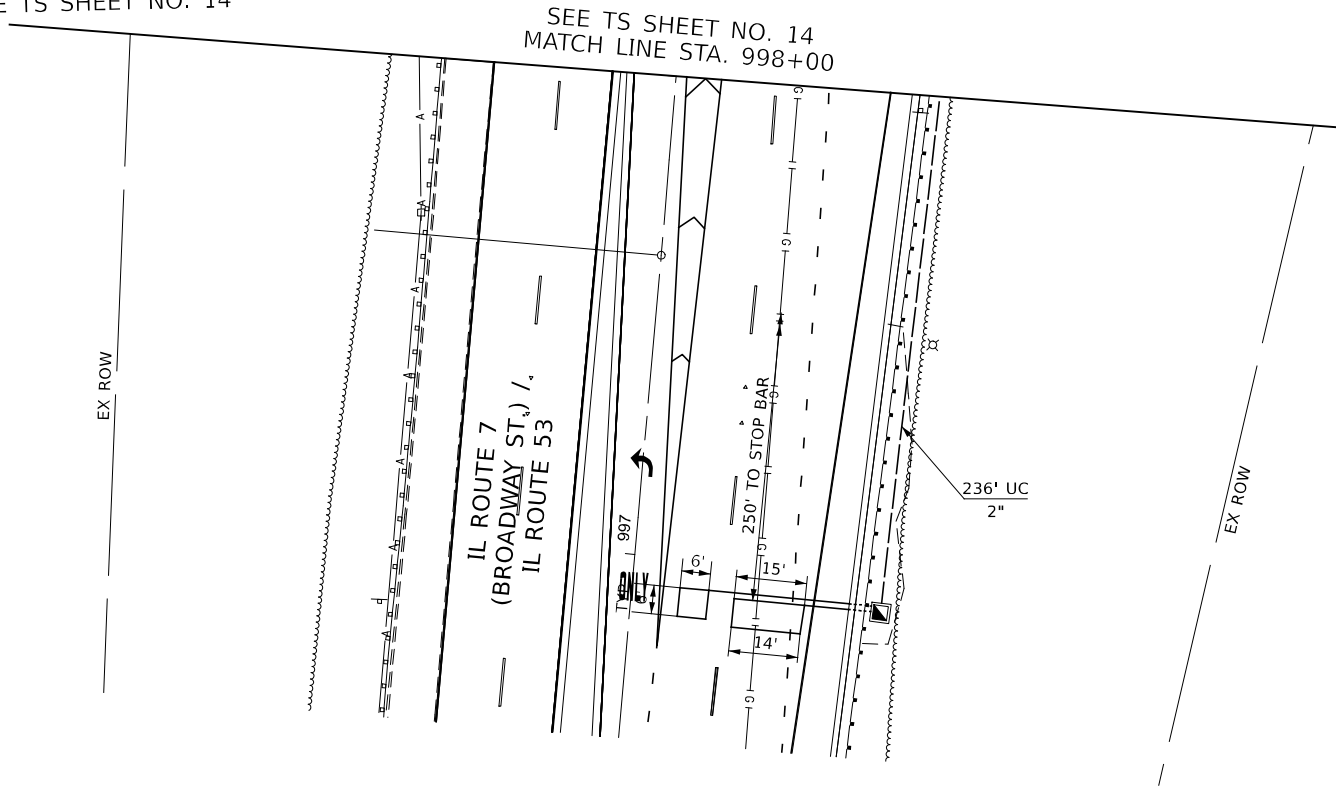
TRAFFIC SIGNAL INSTALLATION PLAN
IL 7 / IL 53
SCALE: SHEET 15 OF 17 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
351	2019-047-TS	WILL	137	63
CONTRACT NO. 62U76				
ILLINOIS FED. AID PROJECT				

TS 7510

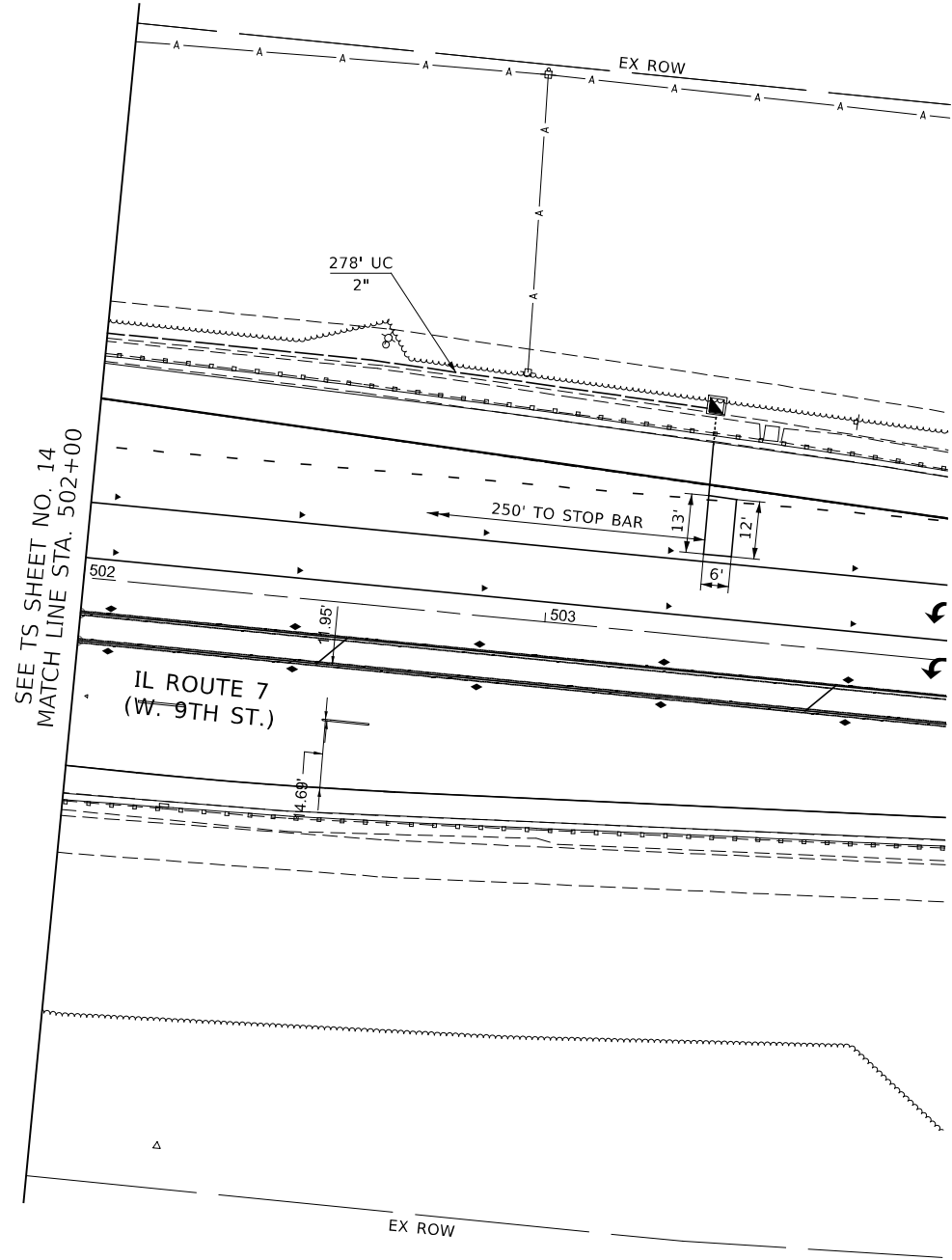


MATCH LINE STA. 1001+50
SEE TS SHEET NO. 14



SEE TS SHEET NO. 14
MATCH LINE STA. 998+00

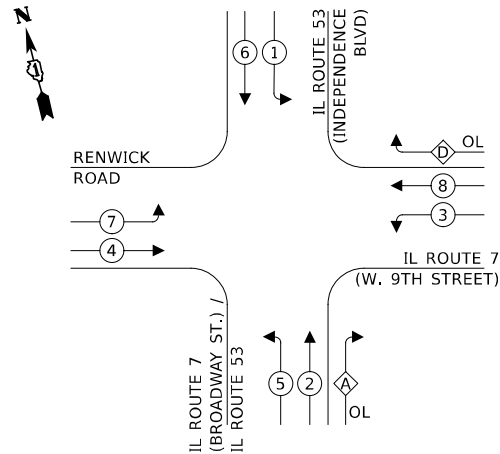
NOTES:
1. EACH DETECTOR LOOP SHALL HAVE ITS OWN 1" COILABLE NON-METALLIC CONDUIT BETWEEN THE EDGE OF PAVEMENT AND THE ADJACENT HANDHOLE AS SHOWN ON THE PLANS. THIS WORK SHALL BE INCLUDED IN THE CONTRACT UNIT COST FOR DETECTOR LOOP, TYPE I.



SEE TS SHEET NO. 14
MATCH LINE STA. 502+00

MODEL: 8106L.NAMES
FILE NAME: p:\wsp-usa\benk\com\wsp-usa\legu\07\Documents\IL-Chicago Projects\K07782_15 IL 53, IL 7\CAD\Sheet\Traffic Signal\7782_15 IL 53, Cable Plan.dgn

CONTROLLER SEQUENCE



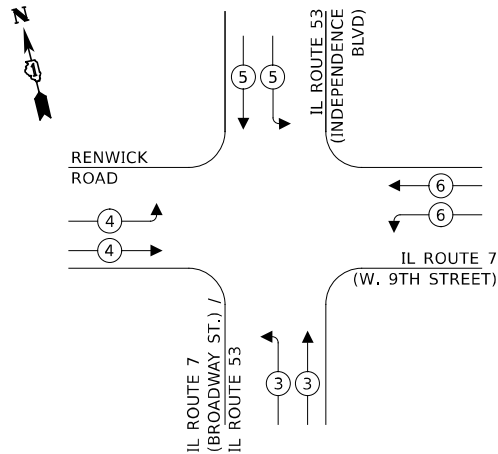
LEGEND:

- ← * — PROTECTED PHASE
← * OL — OVERLAP

RIGHT TURN OVERLAP PHASE DESIGNATION:

OVERLAP LETTER		PERMISSIVE PHASE		PROTECTED PHASE
A	=	2	+	3
D	=	8	+	1

EMERGENCY VEHICLE PREEMPTION SEQUENCE



TRAFFIC SIGNAL ELECTRIC SERVICE REQUIREMENTS

TYPE	QUANTITY	UNIT WATTAGE	TOTAL WATTAGE
SIGNAL HEAD			
3 - SECTION	16	11	176.0
4 - SECTION	-	14	-
5 - SECTION	4	13	52.0
PROGRAMMABLE SIGNAL			
3 - SECTION	-	22	-
4 - SECTION	-	32	-
5 - SECTION	-	28	-
PED. SIGNAL	-	15	-
CONTROLLER	1	150	150.0
MASTER CONTROLLER	-	100	-
UPS	1	25	25.0
DETECTION RADAR	-	20	-
VIDEO	-	20	-
BLANK-OUT SIGN	-	25	-
PTZ CAMERA	1	75	75.0
NETWORK SWITCH II OR III	1	35	35.0
CELLULAR MODEM	1	15	15.0
TOTAL UPS SIZING			528.0
UPS CHARGING	1	225	225.0
BATTERY HEATER MAT	1	180	180.0
CABINET HEATER	1	200	200.0
FLASHER	1	15	15.0
LED STREET NAME SIGN	-	120	-
LUMINAIRE	-	240	-
TOTAL SERVICE WIRE SIZING			1,148.0

ENERGY COSTS TO:
ILLINOIS DEPARTMENT
OF TRANSPORTATION
201 CENTER CT.
SCHAUMBURG, IL 60196

ENERGY SUPPLY: CONTACT: RICK OSTER
PHONE: (779) 231-0625
COMPANY: COMMONWEALTH EDISON
ACCOUNT NUMBER: ---

NOTES:

1. ALL RED SIGNAL FACES SHALL HAVE A LENS COVER INSTALLED.
THIS WORK SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE
FOR EACH LED SIGNAL FACE, LENS COVER.

CABLE PLAN (NOT TO SCALE)

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CABLE PLAN, CONTROLLER SEQUENCE AND EMERGENCY VEHICLE PREEMPTION SEQUENCE IL 7 / IL 53

SCALE: SHEET 16 OF 17 SHEETS STA. TO STA.

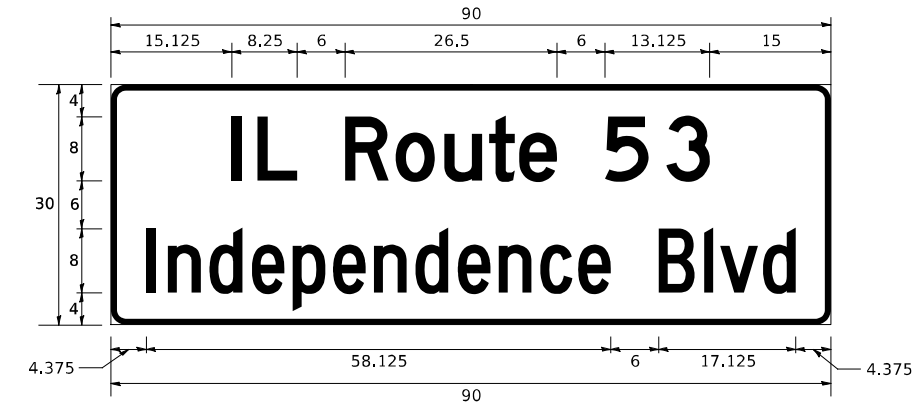
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
351	2019-047-TS	WILL	137	64
CONTRACT NO. 62U76				
ILLINOIS FED. AID PROJECT				

TS 7510

IL 7 AND IL 53 INTERSECTION

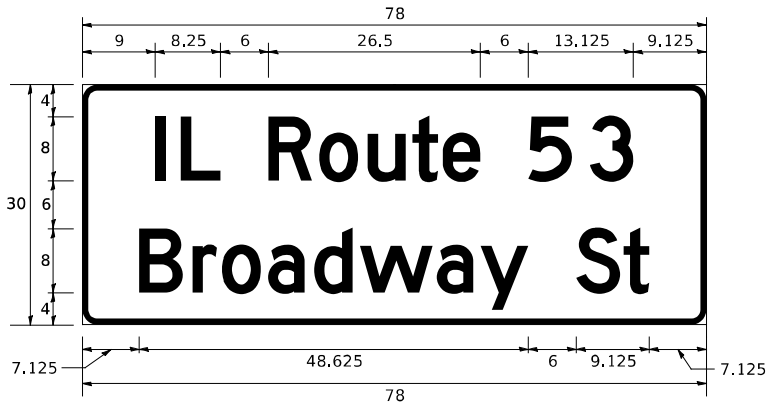
SIGN PANEL

ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED



DESIGN SERIES HWY FONT	AREA (SQ FT)	SIGN PANEL TYPE	SHEETING TYPE	INTERSECTION QTY. REQUIRED
D - TOP LINE C - BOTTOM LINE	18.75	2	ZZ	2 (BACK TO BACK)

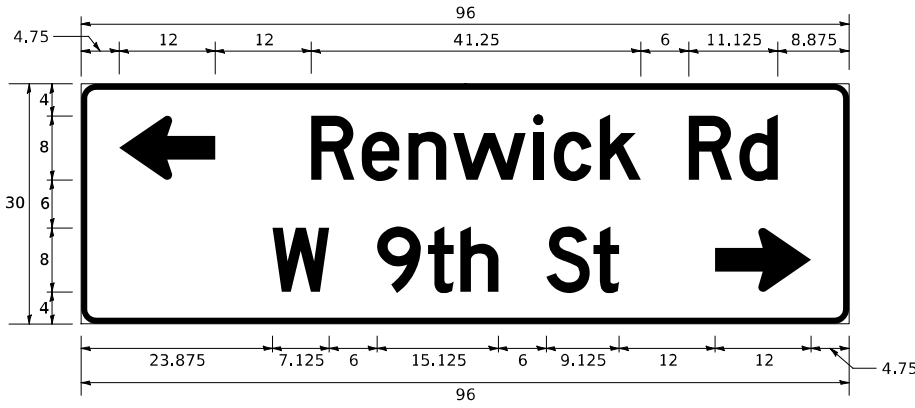
SIGN SHALL BE SINGLE-SIDED



DESIGN SERIES HWY FONT	AREA (SQ FT)	SIGN PANEL TYPE	SHEETING TYPE	INTERSECTION QTY. REQUIRED
D	16.25	2	ZZ	2 (BACK TO BACK)

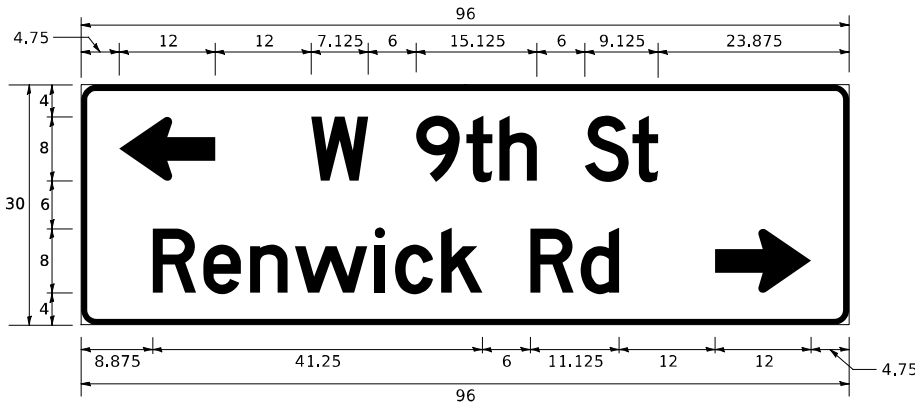
SIGN SHALL BE SINGLE-SIDED

NOTE: FOR ADDITIONAL DESIGN AND INSTALLATION INFORMATION PLEASE SEE DISTRICT ONE MAST-ARM MOUNTED STREET NAME SIGNS DETAIL.



DESIGN SERIES HWY FONT	AREA (SQ FT)	SIGN PANEL TYPE	SHEETING TYPE	INTERSECTION QTY. REQUIRED
D	20	2	ZZ	2

SIGN SHALL BE SINGLE-SIDED
ARROWS - TYPE D



DESIGN SERIES HWY FONT	AREA (SQ FT)	SIGN PANEL TYPE	SHEETING TYPE	INTERSECTION QTY. REQUIRED
D	20	2	ZZ	2

SIGN SHALL BE SINGLE-SIDED
ARROWS - TYPE D

TRAFFIC SIGNALS SCHEDULE OF QUANTITIES IL 7 / IL 53		
ITEM	UNIT	TOTAL
SIGN PANEL - TYPE 1	SQ FT	60
SIGN PANEL - TYPE 2	SQ FT	150
UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.	FOOT	1384
UNDERGROUND CONDUIT, GALVANIZED STEEL, 3" DIA.	FOOT	146
UNDERGROUND CONDUIT, GALVANIZED STEEL, 4" DIA.	FOOT	566
HANDHOLE	EACH	6
HEAVY-DUTY HANDHOLE	EACH	4
DOUBLE HANDHOLE	EACH	2
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	867
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	4174
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	651
ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PAIR	FOOT	3470
ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2 C	FOOT	110
ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	799
TRAFFIC SIGNAL POST, GALVANIZED STEEL 16 FT.	EACH	1
STEEL MAST ARM ASSEMBLY AND POLE, 28 FT.	EACH	1
STEEL MAST ARM ASSEMBLY AND POLE, 34 FT.	EACH	1
STEEL MAST ARM ASSEMBLY AND POLE, 42 FT.	EACH	2
STEEL MAST ARM ASSEMBLY AND POLE, 50 FT.	EACH	1
STEEL MAST ARM ASSEMBLY AND POLE, 52 FT.	EACH	1
STEEL MAST ARM ASSEMBLY AND POLE, 60 FT.	EACH	1
CONCRETE FOUNDATION, TYPE A	FOOT	8
CONCRFTF FOUNDATION, TYPE C	FOOT	4
CONCRETE FOUNDATION, TYPE E 30-INCH DIAMETER	FOOT	10
CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER	FOOT	75
CONCRETE FOUNDATION, TYPE E 42-INCH DIAMETER	FOOT	23
SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST-ARM MOUNTED	EACH	14
SIGNAL HEAD, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED	EACH	2
SIGNAL HEAD, LED, 1-FACE, 5-SECTION, MAST-ARM MOUNTED	EACH	4
TRAFFIC SIGNAL BACKPLATE, RETROREFLECTIVE	EACH	18
INDUCTIVE LOOP DETECTOR	EACH	12
DETECTOR LOOP, TYPE I	FOOT	612
* LIGHT DETECTOR	EACH	4
* LIGHT DETECTOR AMPLIFIER	EACH	1
TEMPORARY TRAFFIC SIGNAL INSTALLATION	EACH	1
REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1
REMOVE EXISTING HANDHOLE	EACH	11
REMOVE EXISTING DOUBLE HANDHOLE	EACH	1
REMOVE EXISTING CONCRETE FOUNDATION	EACH	9
CAMERA MOUNTING ASSEMBLY	EACH	1
OPTIMIZE TRAFFIC SIGNAL SYSTEM	EACH	1
TEMPORARY TRAFFIC SIGNAL TIMING	EACH	1
* EMERGENCY VEHICLE PRIORITY SYSTEM LINE SENSOR CABLE, NO. 20 3/C	FOOT	867
CELLULAR MODEM	EACH	1
OUTDOOR RATED NETWORK CABLE	FOOT	98
FULL-ACTUATED CONTROLLER AND TYPE SUPER P CABINET	EACH	1
SERVICE INSTALLATION, GROUND MOUNTED, METERED	EACH	1
REMOTE CONTROLLED VIDEO SYSTEM	EACH	1
LAYER II (DATALINK) SWITCH	EACH	1
UNINTERRUPTABLE POWER SUPPLY, SPECIAL	EACH	1
LED SIGNAL FACE, LENS COVER	EACH	20

* 100% COST TO THE VILLAGE OF ROMEOVILLE

TS 7510

MODEL: \$MODEL\$
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WSP USA Inc.
30 N. LASALLE STREET
SUITE 4200
CHICAGO, IL 60602
TEL: (312) 782-8150
FAX: (312) 752-1084

USER NAME =	USHA689697
PLOT SCALE =	1:2,00001
PLOT DATE =	2/9/2024

DESIGNED -	R.A.C.
DRAWN -	R.A.C.
CHECKED -	M.J.M.
DATE -	11/03/2023

REVISED -	
REVISED -	
REVISED -	
REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

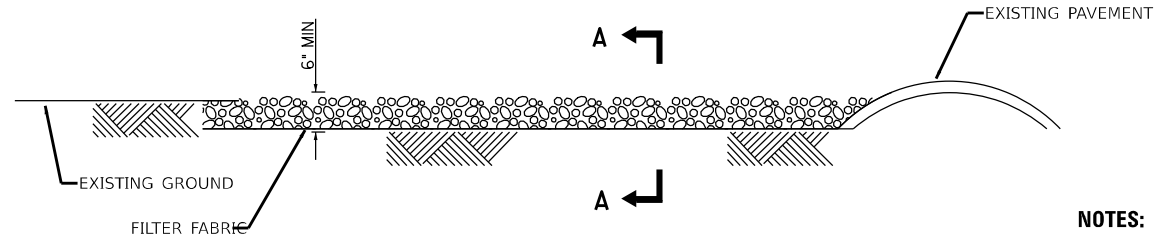
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IL 7 / IL 53

SCALE: SHEET 17 OF 17 SHEETS STA. TO STA.

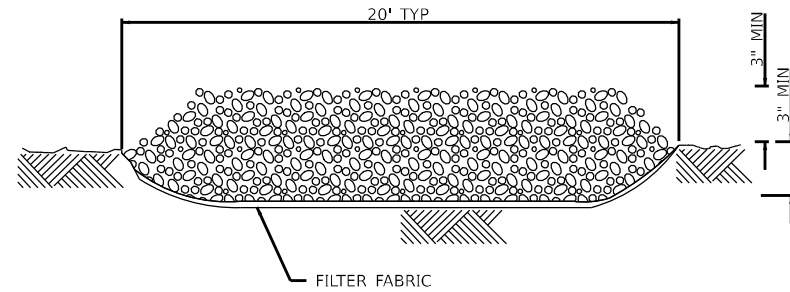
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
351	2019-047-TS	WILL	137	65
CONTRACT NO. 62U76				
ILLINOIS FED. AID PROJECT				

EROSION AND SEDIMENT CONTROL GENERAL NOTES

1. THE CONTRACTOR SHALL BE REQUIRED TO INSTALL AND MAINTAIN PERIMETER EROSION BARRIER AS INDICATED IN THE PLAN PRIOR TO BEGINNING ANY CONSTRUCTION ACTIVITIES. THE CONSTRUCTION LIMITS MAY BE ADJUSTED BY THE ENGINEER TO PRESERVE TREES AND NO ADDITIONAL COST WILL BE PAID TO THE CONTRACTOR FOR CHANGED CONSTRUCTION LIMITS.
2. PERIMETER EROSION BARRIER SHALL BE ERECTED ADJACENT TO THE CONSTRUCTION LIMITS AS INDICATED ON THE EROSION AND SEDIMENT CONTROL PLAN. THE ENGINEER SHALL MAKE THE FINAL DETERMINATION ON THE PLACEMENT AND LOCATION OF THE PERIMETER EROSION BARRIER.
3. A COPY OF THE APPROVED EROSION AND SEDIMENT CONTROL PLAN SHALL BE MAINTAINED ON SITE. ALL CHANGES TO THE EROSION AND SEDIMENT CONTROL PLAN SHALL BE NOTED ON THE SITE PLAN.
4. AS DIRECTED BY THE ENGINEER OR GOVERNING AGENCY, ADDITIONAL EROSION CONTROL MEASURES MAY BE REQUIRED. THEREFORE, DEVIATIONS FROM THIS PLAN ARE EXPECTED AND ADDITIONAL MEASURES MAY BE REQUIRED.
5. SOIL DISTURBANCE SHALL BE CONDUCTED IN SUCH A MANNER AS TO MINIMIZE EROSION. SOIL STABILIZATION MEASURES SHALL CONSIDER THE TIME OF YEAR, SITE CONDITIONS AND THE USE OF TEMPORARY OR PERMANENT MEASURES.
6. ALL STORM SEWERS THAT ARE OR WILL BE FUNCTIONING DURING CONSTRUCTION SHALL BE PROTECTED BY AN APPROPRIATE SEDIMENT CONTROL MEASURE.
7. ALL TEMPORARY EROSION AND SEDIMENT CONTROL MEASURES SHALL BE REMOVED WITHIN 30 DAYS AFTER FINAL SITE STABILIZATION IS ACHIEVED OR AFTER THE TEMPORARY MEASURES ARE NO LONGER NEEDED.
8. ALL TEMPORARY AND PERMANENT EROSION CONTROL MEASURES MUST BE MAINTAINED AND REPAIRED AS NEEDED. THE CONTRACTOR SHALL BE ULTIMATELY RESPONSIBLE FOR MAINTENANCE REPAIR.
9. ALL ESC MEASURES WILL BE MAINTAINED IN ACCORDANCE WITH THE IDOT EROSION AND SEDIMENT CONTROL FIELD GUIDE FOR CONSTRUCTION INSPECTION AND IDOT'S BEST MANAGEMENT PRACTICES-MAINTENANCE GUIDE: [HTTP://WWW.IDOT.ILLINOIS.GOV/TRANSPORTATION SYSTEM/ENVIRONMENTAL/EROSION-AND-SEDIMENT-CONTROL](http://www.idot.illinois.gov/transportation/system/environmental/erosion-and-sediment-control).
10. THE CONTRACTOR WILL ASSUME RESPONSIBILITY FOR MAINTENANCE OF ALL SOIL EROSION CONTROL DURING CONSTRUCTION.
11. THE CONTRACTOR SHALL CHECK ALL ESC MEASURES WEEKLY AND AFTER EACH RAINFALL, 0.5 INCHES OR GREATER IN A 24 HOUR PERIOD, OR EQUIVALENT SNOWFALL. ADDITIONALLY DURING WINTER MONTHS, ALL MEASURES SHOULD BE CHECKED BY THE CONTRACTOR AFTER MELT.
12. EROSION CONTROL ITEMS ARE CONSIDERED TO BE A HIGH PRIORITY ON THIS CONTRACT. THE CONTRACTOR IS RESPONSIBLE FOR INSTALLATION OF ANY ADDITIONAL EROSION CONTROL MEASURES NECESSARY TO PREVENT EROSION AND SEDIMENTATION AS DETERMINED BY THE RESIDENT ENGINEER.
13. THE CONTRACTOR SHALL PROVIDE THE RE A PLAN TO ENSURE THAT A STABILIZED FLOW LINE WILL BE PROVIDED DURING STORM SEWER CONSTRUCTION. THE USE OF A STABILIZED FLOW LINE BETWEEN INSTALLED STORM SEWER AND OPEN DISTURBANCE WILL REDUCE THE POTENTIAL FOR THE OFFSITE DISCHARGE OF SEDIMENT-BEARING FAILURE TO COMPLY WILL RESULT IN AN ESC DEFICIENCY DEDUCTION
14. ANY LOOSE MATERIAL DEPOSITED IN THE FLOW LINE OF DRAINAGE STRUCTURES, WHICH OBSTRUCTS THE NATURAL FLOW OF WATER, SHALL BE REMOVED AT THE CLOSE OF EACH WORKING DAY. PRIOR TO ACCEPTANCE OF THE IMPROVEMENT, ALL DRAINAGE STRUCTURES SHALL BE FREE OF DIRT AND DEBRIS. THIS WORK WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE CONSIDERED AS INCIDENTAL.
15. TEMPORARY OR PERMANENT STABILIZATION SHALL BE INITIATED IMMEDIATELY UPON COMPLETION OF DISTURBANCE OR IF THE WORK AREA IS TO BE LEFT UNDISTURBED FOR 14 DAYS OR MORE.
16. UNDER NO CIRCUMSTANCES SHALL THE CONTRACTOR PROLONG FINAL GRADING AND SHAPING SO THAT THE ENTIRE PROJECT CAN BE PERMANENTLY SEEDED AT ONE TIME.
17. "WETLANDS NO INTRUSION" SIGNAGE SHOULD ALSO BE PROVIDED AT THE BOUNDARY OF ALL UNIMPACTED WETLANDS AND/OR WOUS. INCLUDE TEMPORARY FENCING AND WETLAND SIGNAGE WITHIN THE EROSION AND SEDIMENT CONTROL STRATEGY.



SIDE ELEVATION



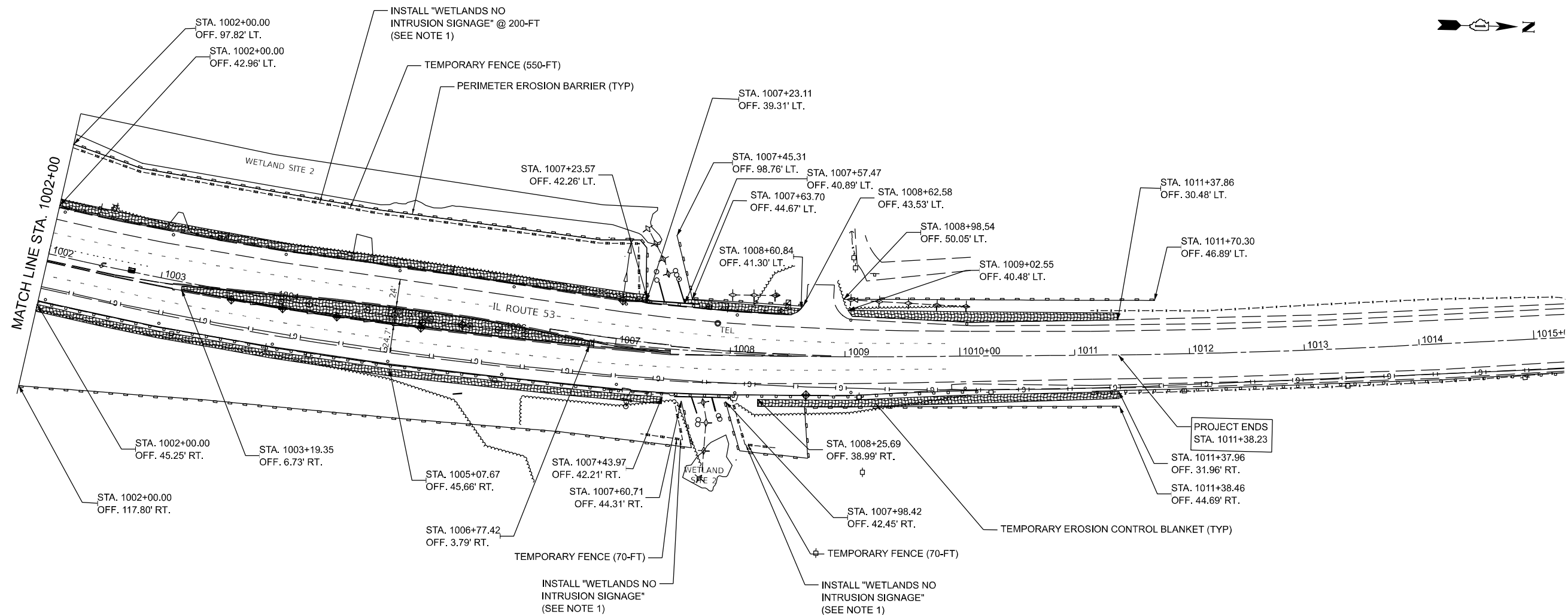
SECTION A-A

TEMPORARY CONSTRUCTION ACCESS

SCALE=N.T.S

NOTES:

1. THIS WORK SHALL CONSIST OF CONSTRUCTING A STABILIZED CONSTRUCTION ENTRANCE, INCLUDING FURNISHING, INSTALLING, MAINTAINING AND REMOVING A STABILIZED PAD OF AGGREGATE UNDERLAIN WITH FILTER FABRIC, AS SHOWN ON THE PLANS OR DIRECTED BY THE ENGINEER.
2. THE AGGREGATE USED SHALL BE IDOT COARSE AGGREGATE GRADATIONS CA-4, BUT MAY BE SUBSTITUTED FOR CA-1, CA-2, OR CA-3, UPON APPROVAL BY THE ENGINEER. THE AGGREGATE SHALL BE AT LEAST SIX INCHES THICK AND SHALL NOT BE PLACED UNTIL THE ENTRANCE AREA HAS BEEN INSPECTED AND APPROVED BY THE ENGINEER.
3. THE ENTRANCE SHALL REMAIN IN PLACE AND BE MAINTAINED UNTIL THE DISTURBED AREA IS STABILIZED. ANY SEDIMENT SPILLED ONTO PUBLIC RIGHT-OF-WAY(S) SHALL BE REMOVED IMMEDIATELY. ALL REMOVED MATERIALS SHALL BE DISPOSED OF OUTSIDE THE LIMITS OF THE RIGHT-OF-WAY ACCORDING TO ARTICLE 202.03 OF THE "STANDARD SPECIFICATIONS" AND/OR AS DIRECTED BY THE ENGINEER.



NOTE 1:
THE COST OF "WETLANDS NO INTRUSION SIGNAGE" SHALL BE INCLUDED IN THE COST OF TEMPORARY FENCE AND THE SIGNS SHALL BE APPROVED BY THE ENGINEER.

EROSION CONTROL PLAN LEGEND

- TEMPORARY EROSION CONTROL BLANKET
- PERIMETER EROSION BARRIER
- TEMPORARY FENCE
- INLET FILTERS
- TEMPORARY DITCH CHECKS

MODEL: Unrevised Plan - Plan 2
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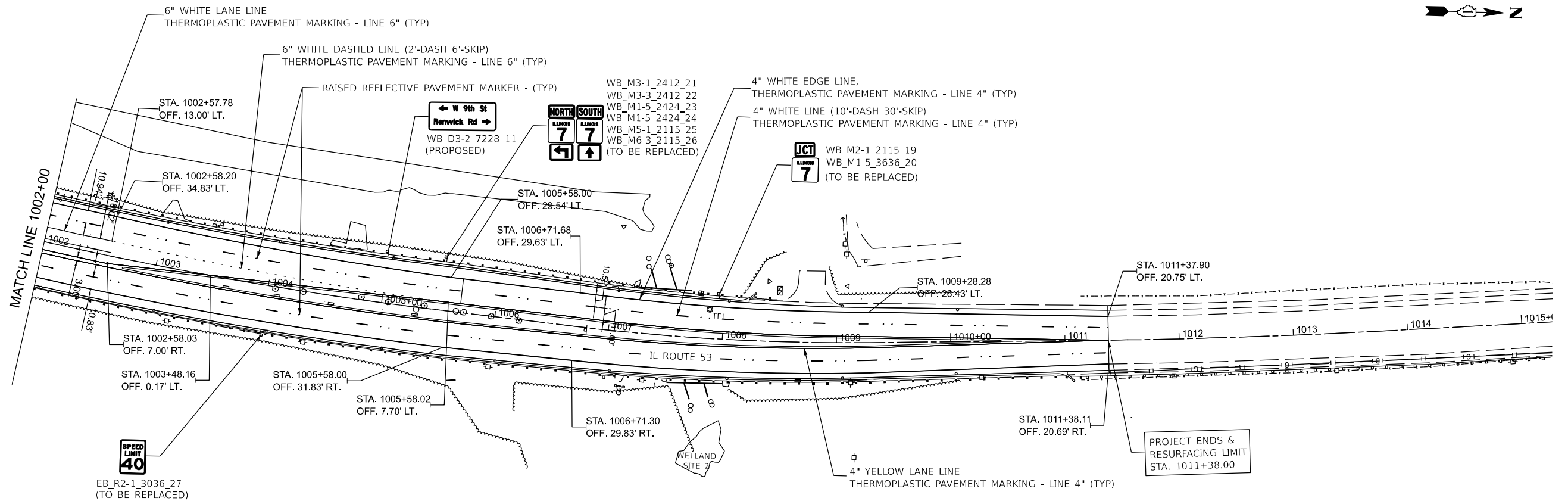
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EROSION CONTROL PLAN

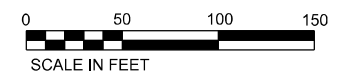
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
351	2019-047-TS	WILL	137	68
CONTRACT NO. 62U76				
ILLINOIS FED. AID PROJECT				



NOTES:

- PAVEMENT MARKINGS SHALL BE IN ACCORDANCE WITH IDOT DISTRICT 1 DETAIL TC-13.
- RAISED REFLECTIVE PAVEMENT MARKINGS SHALL BE IN ACCORDANCE WITH IDOT DISTRICT 1 DETAIL TC-11



**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PAVEMENT MARKING AND SIGNING PLAN

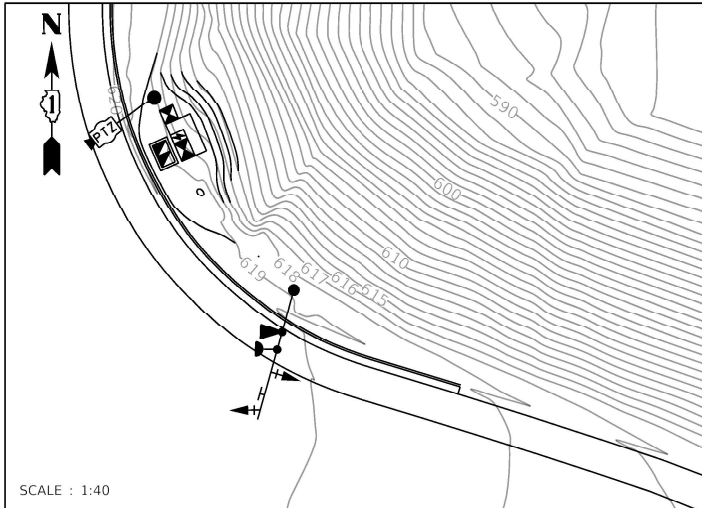
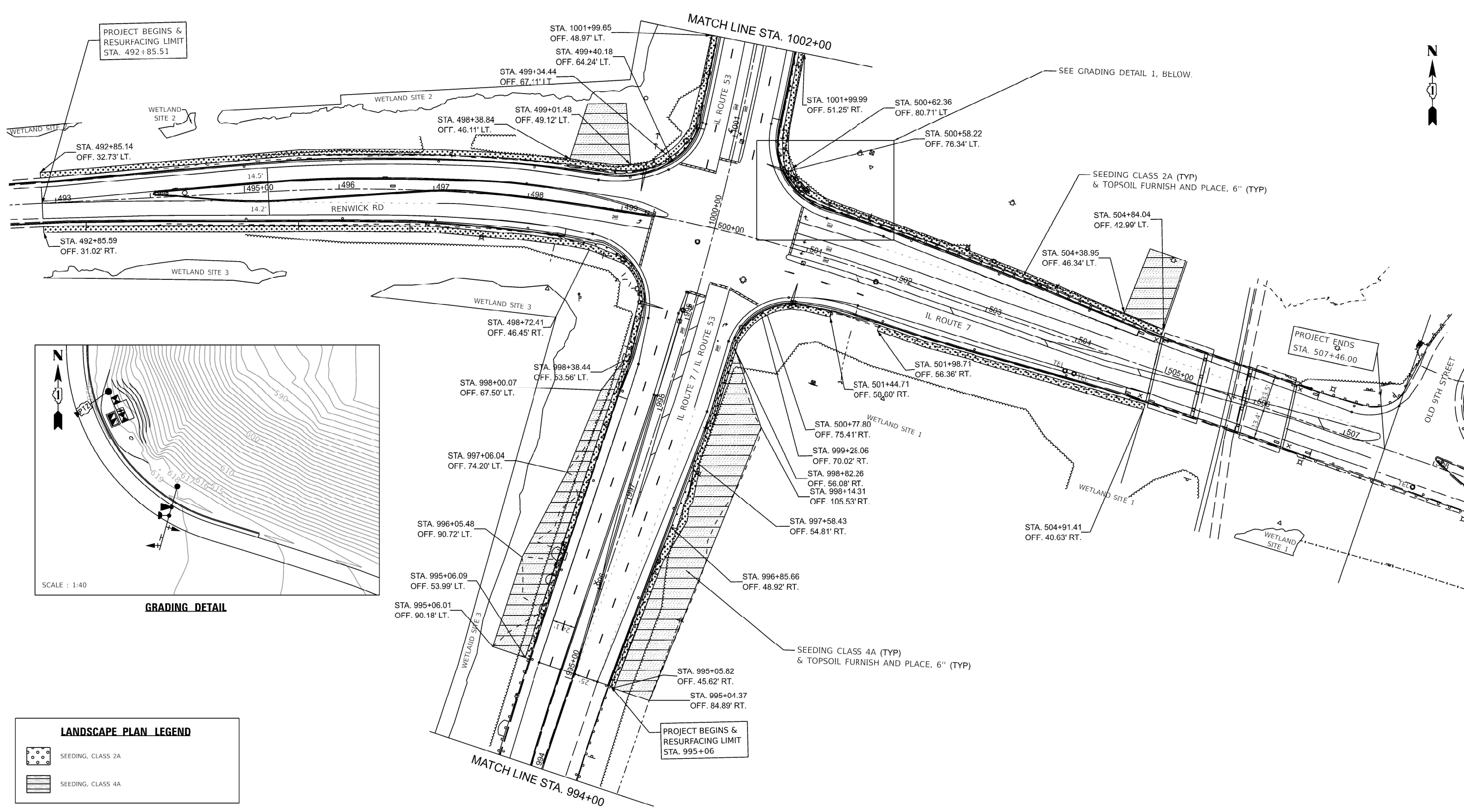
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
351	2019-047-TS	WILL	137	70
CONTRACT NO. 62U76				
ILLINOIS FED. AID PROJECT				

GSG CONSULTANTS, INC.
735 E. REMINGTON RD. SCHAMSBURG, IL 60193
TEL: (630) 994-2000 | WWW.GSGCONSULTANTS.COM

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LANDSCAPE PLAN LEGEND	
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	SEEDING, CLASS 4A

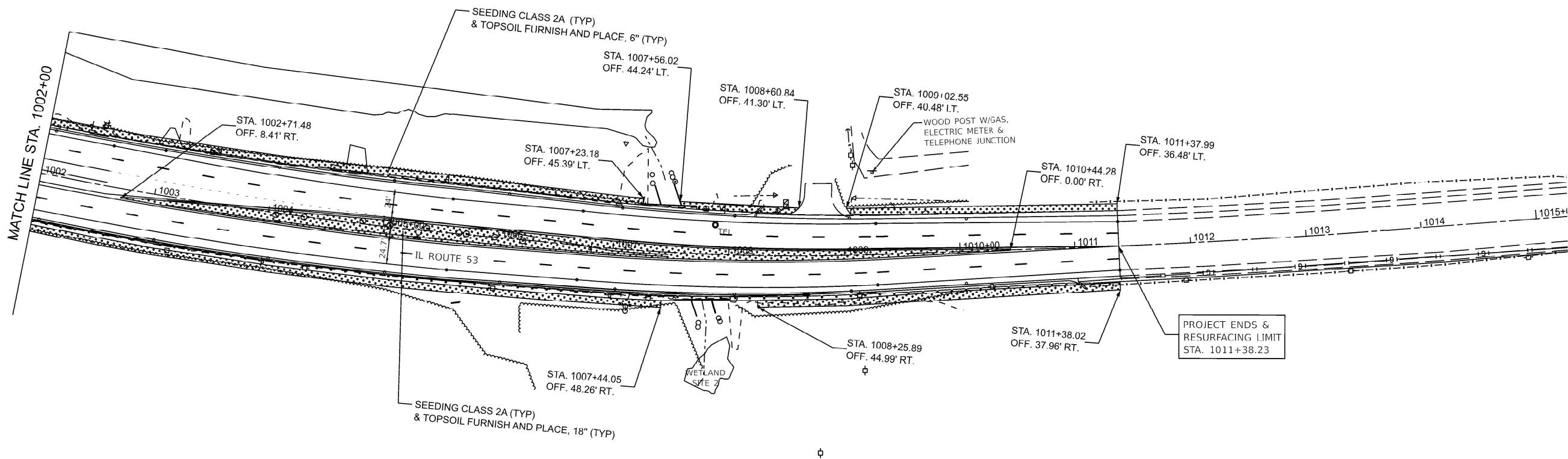
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

LANDSCAPING PLAN

SCALE: 1:50 SHEET 1 OF 2 SHEETS STA. 493+00 TO STA. 509+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
351	2019-047-TS	WILL	137	71
CONTRACT NO. 62U76				
ILLINOIS FED. AID PROJECT				



LANDSCAPE PLAN LEGEND

-  SEEDING, CLASS 2A
-  SEEDING, CLASS 4A

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

LANDSCAPING PLAN

SCALE: 1:50 SHEET 2 OF 2 SHEETS STA. 1002+00 TO STA. 1015+00

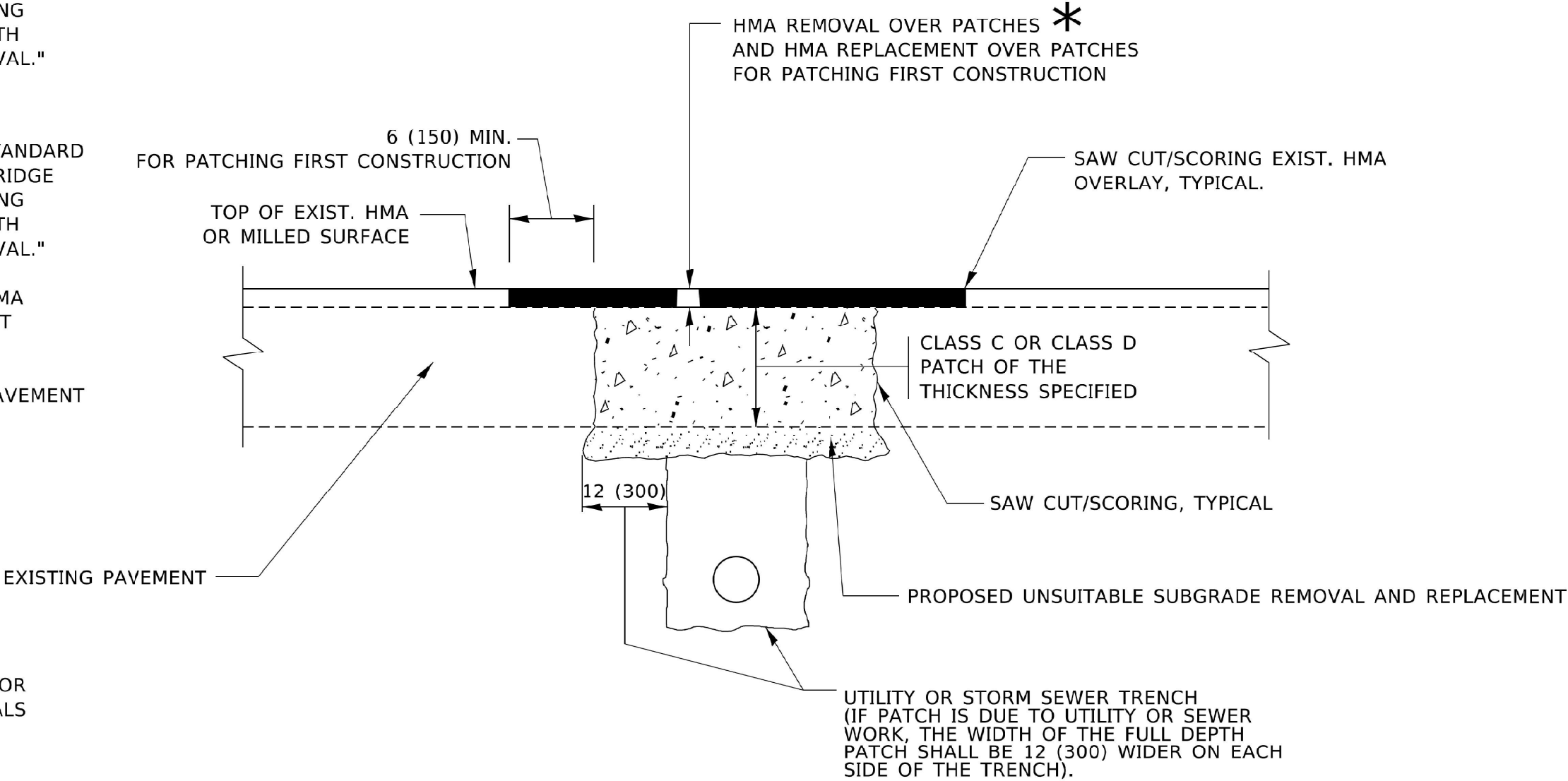
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
351	2019-047-TS	WILL	137	72
CONTRACT NO. 62U76				
ILLINOIS FED. AID PROJECT				

METHOD OF MEASUREMENT

REFER TO SECTION 442 OF THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION AND THE RECURRING SPECIAL PROVISION "PATCHING WITH HOT-MIX ASPHALT OVERLAY REMOVAL."

BASIS OF PAYMENT

- 1. REFER TO SECTION 442 OF THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION AND THE RECURRING SPECIAL PROVISION "PATCHING WITH HOT-MIX ASPHALT OVERLAY REMOVAL."
- 2. SAW CUT/SCORING OF EXISTING HMA OVERLAY IS INCLUDED IN THE COST OF PAVEMENT PATCHING.
- 3. SAW CUT/SCORING OF EXISTING PAVEMENT IS INCLUDED IN THE COST OF PAVEMENT PATCHING.



* SEE TYPICAL SECTIONS FOR THICKNESS AND MATERIALS

SEQUENCE OF CONSTRUCTION (PATCHING FIRST)

- 1. REMOVE THE EXISTING HMA MATERIAL OVER THE AREA TO BE PATCHED.
- 2. REMOVE AND REPLACE WITH CLASS C OR D PATCH.
- 3. REPLACE HMA MATERIAL OVER THE AREA TO BE PATCHED.

SEQUENCE OF CONSTRUCTION (MILLING FIRST)

- 1. MILL HMA FIRST IF THERE IS AT LEAST 4½ INCHES OR MORE OF HMA MATERIAL ON TOP OF THE EXISTING PAVEMENT OR IF THE PAVEMENT IS FULL DEPTH HMA. A MINIMUM OF 2 INCHES OF HMA MATERIAL SHALL BE IN PLACE AFTER MILLING.
- 2. REMOVE AND REPLACE WITH FULL DEPTH CLASS D PATCHES TO TOP OF MILLED SURFACE.

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

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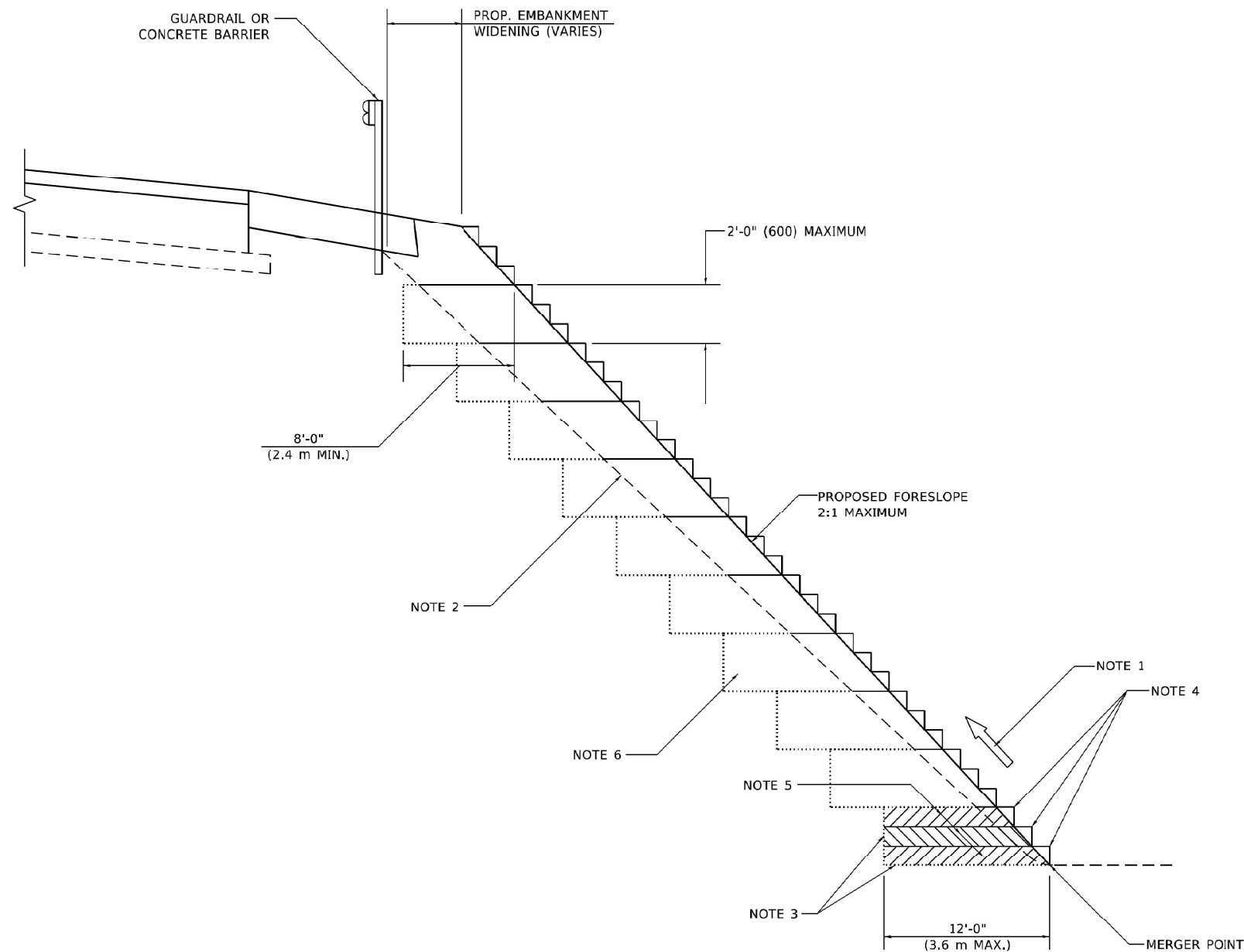
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PLOT DATE	= 11/18/2022	DATE	= 10-25-94	REVISED -	K. SMITH 11-18-22

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PAVEMENT PATCHING FOR
HMA SURFACED PAVEMENT

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
351	2019-047-TS	WILL	137	73
BD400-04 (BD-22)		CONTRACT NO. 62U76		
		ILLINOIS FED. AID PROJECT		



**TYPICAL BENCHING DETAIL
FOR EMBANKMENT**

GENERAL 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.

BASIS OF PAYMENT

1. 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.

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

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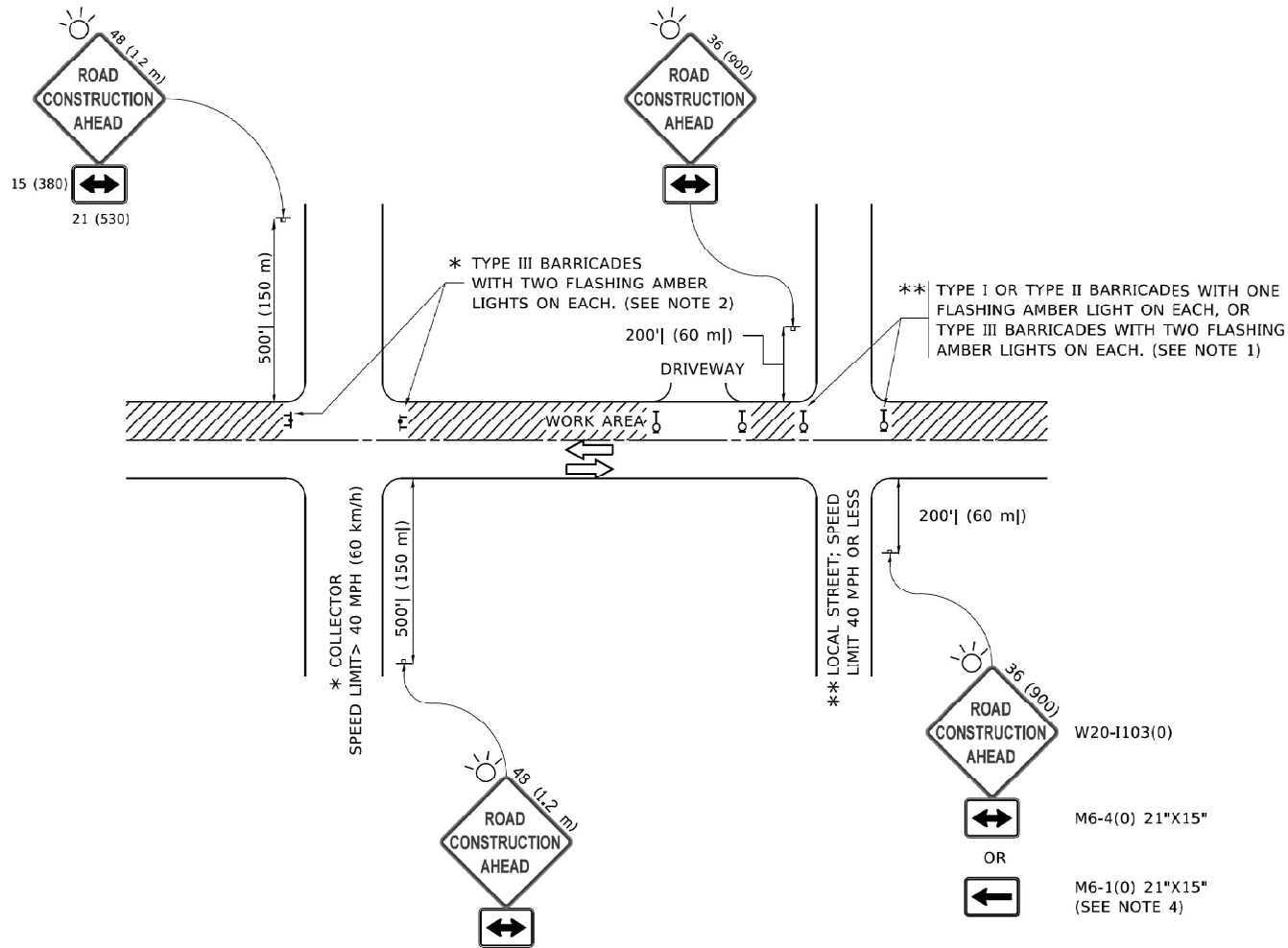
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PLOT DATE = 11/18/2022	DATE - 06-16-04	REVISED -

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.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
351	2019-047-TS	WILL	137	74
BD-51		CONTRACT NO. 62U76		
		ILLINOIS	FED. AID PROJECT	

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NOTES:

- 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:
 - 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.
 - 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.
- SIDE ROAD WITH A SPEED LIMIT GREATER THAN 40 MPH (60 km/h) AS SHOWN ON THE DRAWING AND AS DIRECTED BY THE ENGINEER:
 - 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.
 - THE CLOSED PORTION OF THE MAIN ROUTE SHALL BE PROTECTED BY BLOCKING WITH TYPE III BARRICADES, 1/2 OF THE CROSS SECTION OF THE CLOSED PORTION.
- 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.
- WHEN THE SIDE ROAD LIES BETWEEN THE BEGINNING OF THE MAINLINE
- SIGNING AND THE WORK ZONE, A SINGLE HEADED ARROW (M6-1) SHALL BE USED IN LIEU OF THE DOUBLE HEADED ARROW (M6-4).
- 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.
- ADVANCE WARNING SIGNS ARE TO BE OMITTED ON DRIVEWAYS UNLESS OTHERWISE SPECIFIED IN THE PLANS OR BY THE ENGINEER.
- 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.

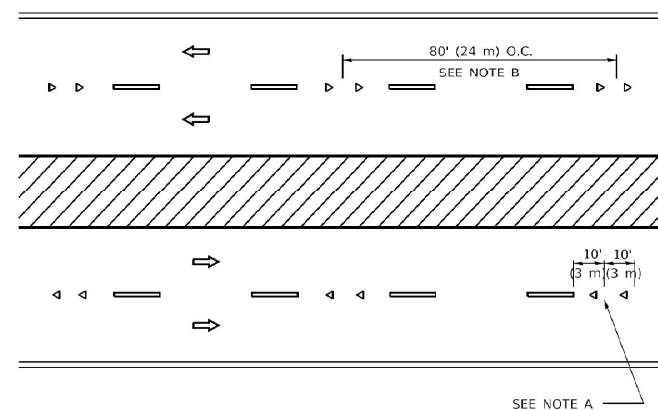
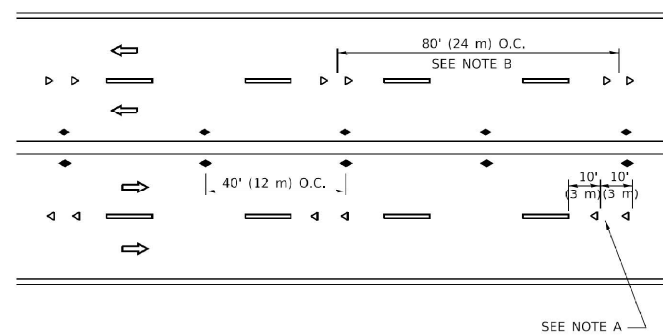
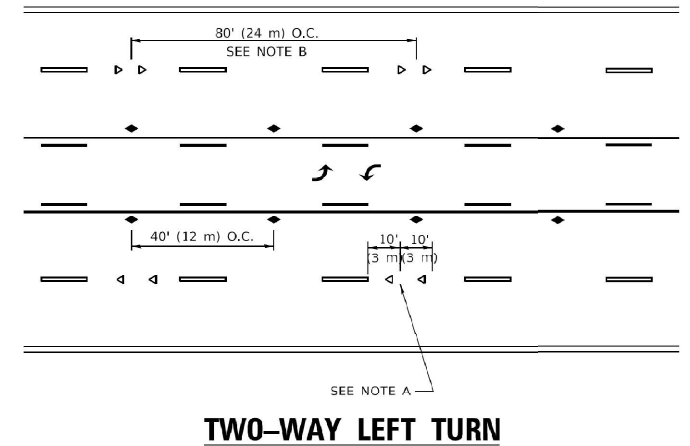
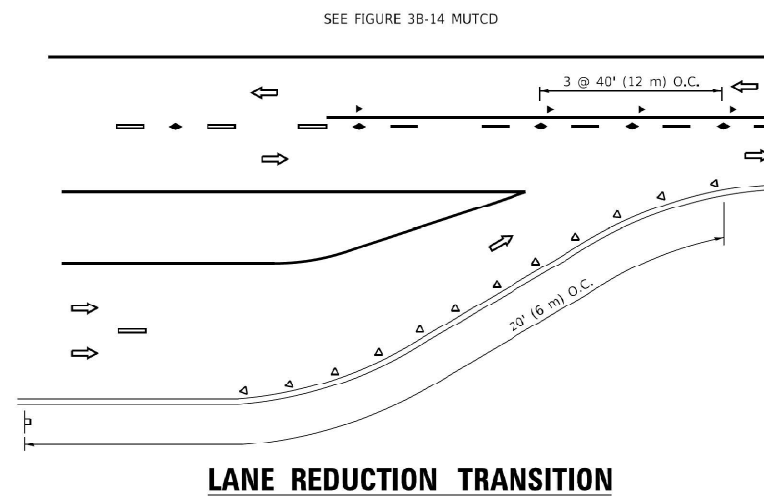
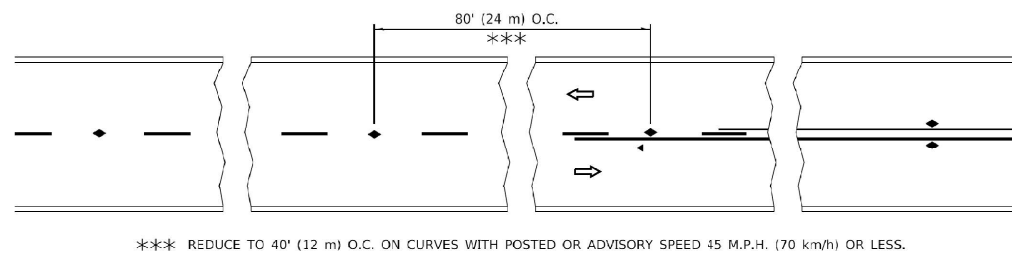
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PLOT DATE = 3/4/2019	DATE - 06-89	REVISED - A. SCHUETZE 09-15-16

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

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

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
351	2019-047-TS	WILL	137	75
TC-10		CONTRACT NO. 62U76		
		ILLINOIS	FED. AID PROJECT	



- ### GENERAL NOTES

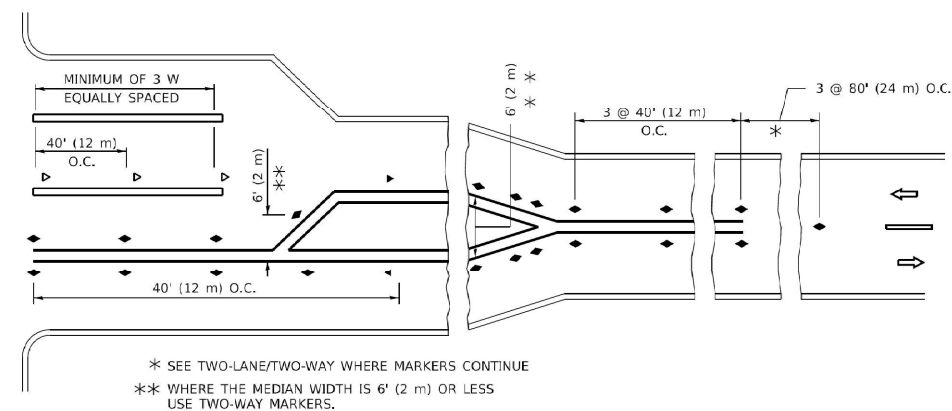
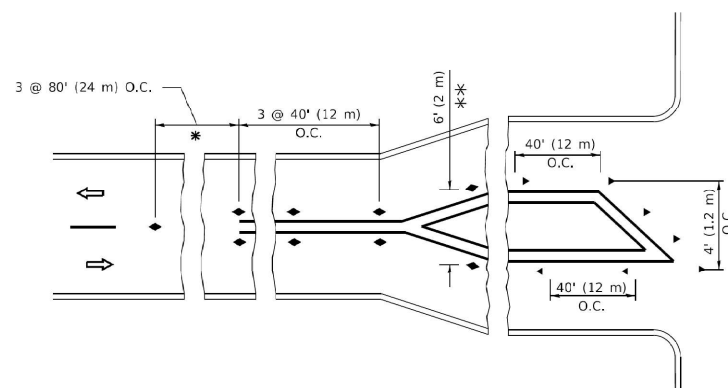
1. MARKERS USED WITH DASHED LINES SHALL BE CENTERED IN THE GAP BETWEEN SEGMENTS.
2. MARKERS USED ADJACENT TO SOLID LINES SHALL BE OFFSET 2 TO 3 (50 TO 75) TOWARD TRAFFIC AS SHOWN.
3. MARKERS THROUGH TANGENTS LESS THAN 500' (150 m) IN LENGTH BETWEEN CURVES SHALL BE INSTALLED AT THE LESSER OF THE TWO CURVE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

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

FILE NAME: D:\PROJECTS\2019\2019-047-TS\2019-047-TS.DWG	USER NAME = footernj	DESIGNED -	REVISED - T. RAMMACHER 03-12-99	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS (\$NOW-PLOW RESISTANT)				F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED - T. RAMMACHER 01 06 00						351	2019-047-TS	WILL	137	76
	PLOT SCALE = 50.0000' = 1 in.	CHECKED -	REVISED - C. JUCIUS 09-09-09		TC-11		CONTRACT NO. 62U76						
	PLOT DATE = 3/4/2019	DATE -	REVISED - C. JUCIUS 07-01-13		SCALE: NONE	SHEET 1 OF 1 SHEETS	STA. TO STA.	ILLINOIS FED. AID PROJECT					

2-LANE ROADWAY

MULTI-LANE UNDIVIDED

TYPICAL LANE AND EDGE LINE MARKING

TYPICAL CROSSWALK MARKING

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

4' (1.2 m) WIDE MEDIANS ONLY

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

MEDIAN WITH TWO-WAY LEFT TURN LANE

TYPICAL PAINTED MEDIAN MARKING

TYPICAL LEFT (OR RIGHT) TURN LANE

TYPICAL TURN LANE MARKING

ISLAND AT PAVEMENT EDGE

TYPICAL ISLAND MARKING

COMBINATION LEFT AND U-TURN

U-TURN

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

LANE REDUCTION TRANSITION

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

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	5½ (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; 5½ (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 2' (600) APART SEE TYPICAL CROSSWALK MARKING DETAILS.
STOP LINES	24 (600)	SOLID	WHITE	PLACE 4' (1.2 m) IN ADVANCE OF AND PARALLEL TO CROSSWALK, IF PRESENT. OTHERWISE, PLACE AT DESIRED STOPPING POINT. PARALLEL TO CROSSROAD CENTERLINE, WHERE POSSIBLE
PAINTED MEDIANS	2 @ 4 (100) WITH 12 (300) DIAGONALS @ 45° NO DIAGONALS USED FOR 4' (1.2 m) WIDE MEDIANS	SOLID	YELLOW: TWO WAY TRAFFIC WHITE: ONE WAY TRAFFIC	11 (280) C-C FOR THE DOUBLE LINE SEE TYPICAL PAINTED MEDIAN MARKING.
GORE MARKING AND CHANNELIZING LINES	8 (200) WITH 12 (300) DIAGONALS @ 45°	SOLID	WHITE	DIAGONALS: 15' (4.5 m) C-C (LESS THAN 30MPH (50 km/h)) 20' (6 m) C-C 30MPH (50 km/h) TO 45MPH (70 km/h)) 30' (9 m) C-C (OVER 45MPH (70 km/h))
RAILROAD CROSSING	24 (600) TRANSVERSE LINES; "RR" IS 6' (1.8 m) LETTERS; 16 (400) LINE FOR "X"	SOLID	WHITE	SEE STATE STANDARD 780001 AREA OF: "R"=3.6 SQ. FT. (0.33 m ² EACH "X"=54.0 SQ. FT. (5.0 m ²)
SHOULDER DIAGONALS (REQUIRED FOR SHOULDERS ≥ 8')	12 (300) @ 45°	SOLID	WHITE - RIGHT YELLOW - LEFT	50' (15 m) C-C (LESS THAN 30MPH (50 km/h)) 75' (25 m) C-C (30 MPH (50 km/h) TO 45MPH (70 km/h)) 150' (45 m) C-C (OVER 45MPH (70 km/h))
U TURN ARROW	SEE DETAIL	SOLID	WHITE	16.3 SF
2 ARROW COMBINATION LEFT AND U TURN	SEE DETAIL	SOLID	WHITE	30.4 SF

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

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

USER NAME = footerm1	DESIGNED - FVRS	REVISED - C. JULIUS 09-09-09
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PLOT DATE = 3/4/2019	DATE - 03-19-90	REVISED - C. JULIUS 04-12-16

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DISTRICT ONE TYPICAL PAVEMENT MARKINGS					F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
					351	2019-047-TS	WILL	137	77
					TC-13		CONTRACT NO. 62U76		
SCALE: NONE	SHEET 1	OF 2	SHEETS	STA.	TO STA.				

FIGURE 1

CONFLICTING PAVEMENT MARKING REMOVAL (TYP.)

ONLY

SEE DETAIL "A"

6" WHITE REFLECTIVE PAVEMENT MARKING TAPE

20' MIN.

4" YELLOW REFLECTIVE PAVEMENT MARKING TAPE (REMOVE CONFLICTING WHITE SKIP-DASH LINES FIRST.)

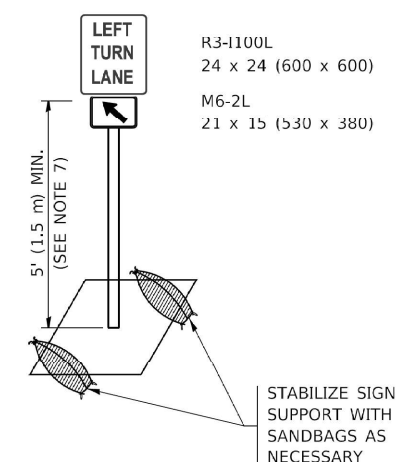
MEDIAN

FIGURE 2

	WORK AREA
	LANE OPEN TO TRAFFIC
	ARROW BOARD
	TYPE I OR II BARRICADE OR DRUM WITH STEADY BURN LIGHT
	DRUM WITH STEADY BURN LIGHT
	SIGN ASSEMBLY
	TYPE I OR II CHECK BARRICADE WITH FLASHING LIGHT

1. A) WHEN "L" IS $\leq$ THE STORAGE LENGTH OF THE TURN LANE
(AS SHOWN IN FIG. 1), USE FIGURE 1.

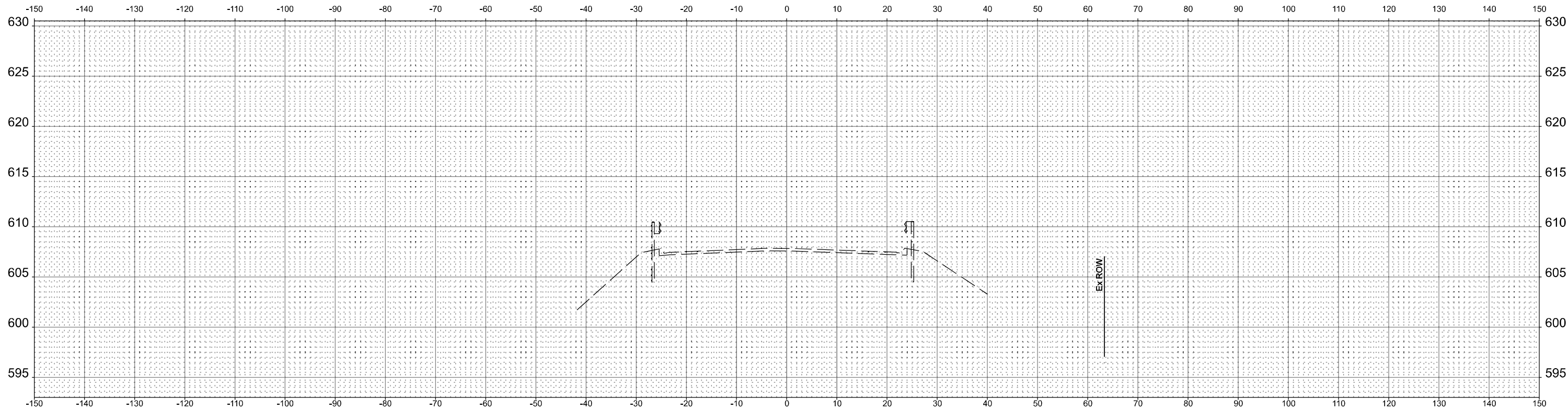
B) WHEN "L" IS $>$ THE STORAGE LENGTH OF THE TURN LANE
OR THE TURN LANE IS WITHIN THE LANE CLOSURE, USE FIGURE 2.
2. CONES CAN BE SUBSTITUTED FOR BARRICADES OR DRUMS AT HALF THE
SPACING DURING DAY OPERATIONS. CONES SHALL BE A MINIMUM OF
28 (710) IN HEIGHT.
3. LIGHTS SHALL NOT BE REQUIRED ON BARRICADES OR DRUMS FOR DAY
OPERATIONS. ALL LIGHTS SHALL BE MONODIRECTIONAL.
4. REFLECTIVE TEMPORARY PAVEMENT MARKINGS SHALL BE PLACED
THROUGHOUT THE BARRICADED AREAS OF EACH TURN BAY AS SHOWN
WHERE THE CLOSURE TIME IS GREATER THAN FOURTEEN (14) DAYS.
5. THIS APPLICATION ALSO APPLIES WHEN WORK IS BEING PERFORMED IN
THE RIGHT LANE(S) AND THE RIGHT TURN BAY IS TO REMAIN OPEN. UNDER
THIS CONDITION, "RIGHT TURN LANE" R3-I100R 24 x 24 (600 x 600)
AND M6-2R 21 x 15 (530 x 380) SHALL BE USED.
6. THESE CONTROLS SHALL SUPPLEMENT MAINLINE TRAFFIC CONTROL
FOR LANE CLOSURES.
7. THE SIGNS SHALL BE MOUNTED ABOVE THE BARRICADES/DRUMS
ON SEPARATE SIGN SUPPORTS THAT MEET NCHRP 350 OR MASH
REQUIREMENTS.
8. TRAFFIC CONTROL AND PROTECTION AT TURN BAYS (TO REMAIN OPEN
TO TRAFFIC) SHALL BE INCLUDED IN THE COST OF SPECIFIED TRAFFIC
CONTROL STANDARDS OR ITEMS.



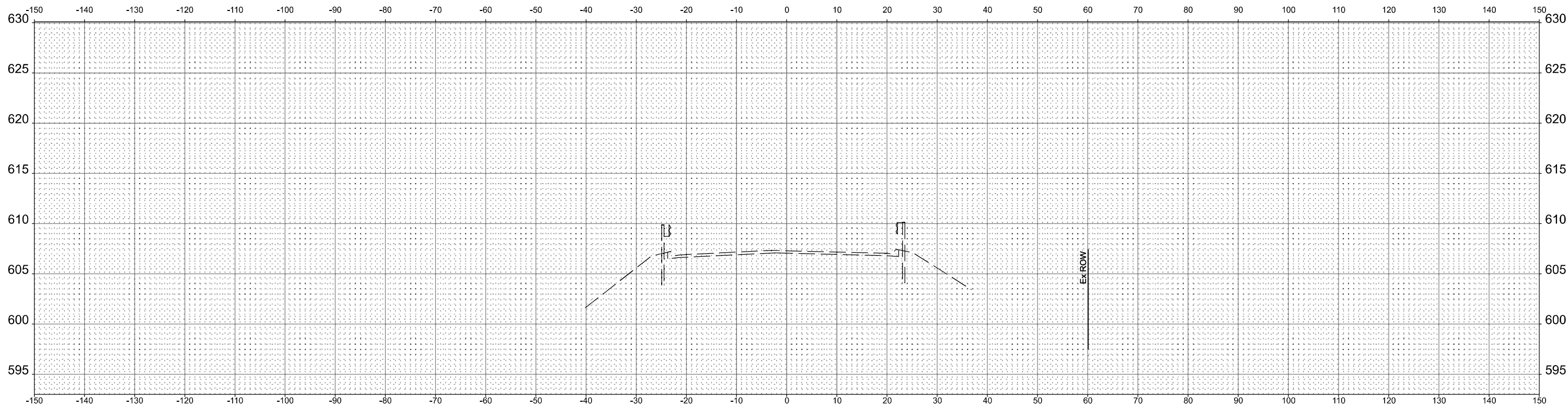
DETAIL A

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

USER NAME = footemj	DESIGNED - T. RAMMACHER 09-08-94	REVISED - R. BORO 09-14-09	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TRAFFIC CONTROL AND PROTECTION AT TURN BAYS (TO REMAIN OPEN TO TRAFFIC)				F.A.P. RITE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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PLOT DATE = 3/4/2019	DATE - T. RAMMACHER 01-06-00	REVISED -								ILLINOIS FED. AID PROJECT CONTRACT NO. 62U76		



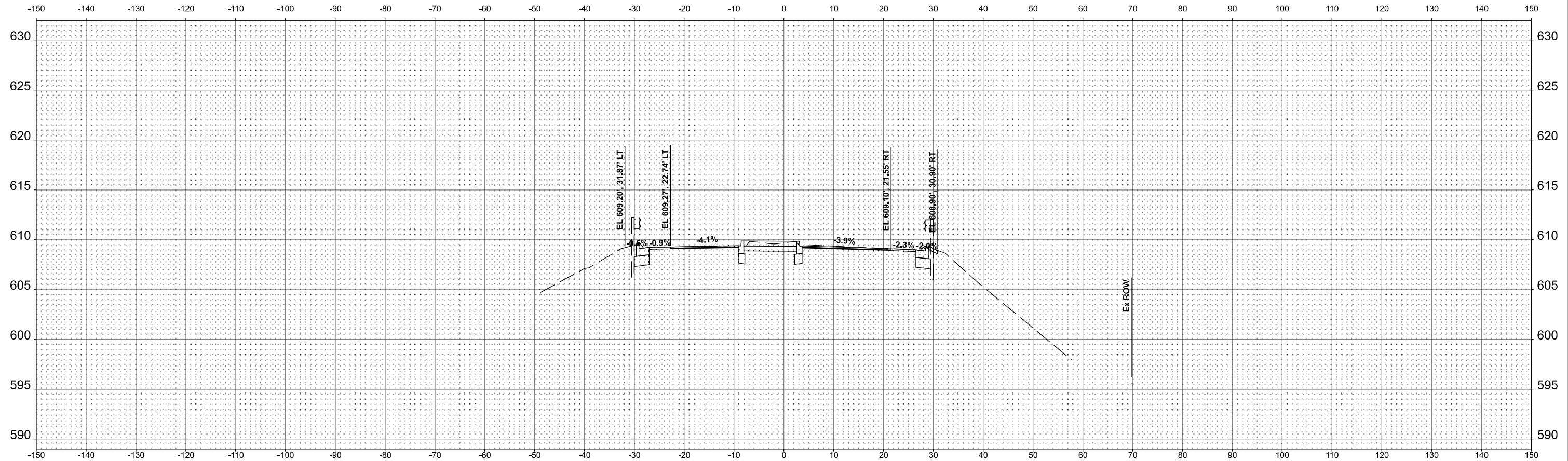
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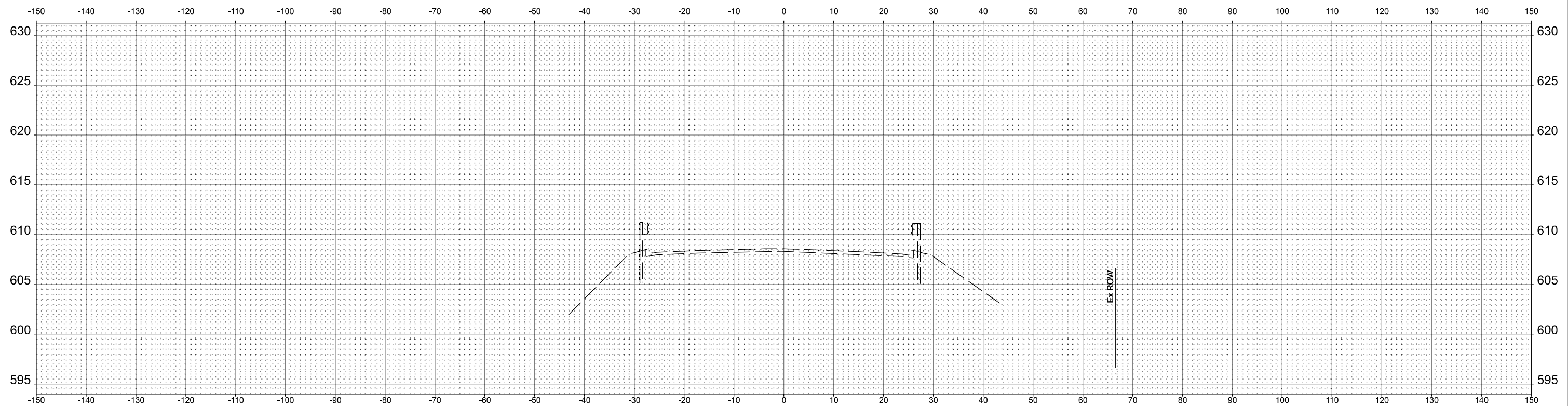
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 GSG CONSULTANTS, INC. 735 E. REMINGTON RD. SCHLAUSBURG, IL 60177 TEL: (630) 994-2000 WWW.GSGCONSULTANTS.COM	USER NAME = baibadr	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CROSS SECTIONS	SCALE: SHEET 1 OF 56 SHEETS STA. TO STA.	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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	PLOT DATE = 2/9/2024	DATE -	REVISED -				ILLINOIS FED. AID PROJECT				



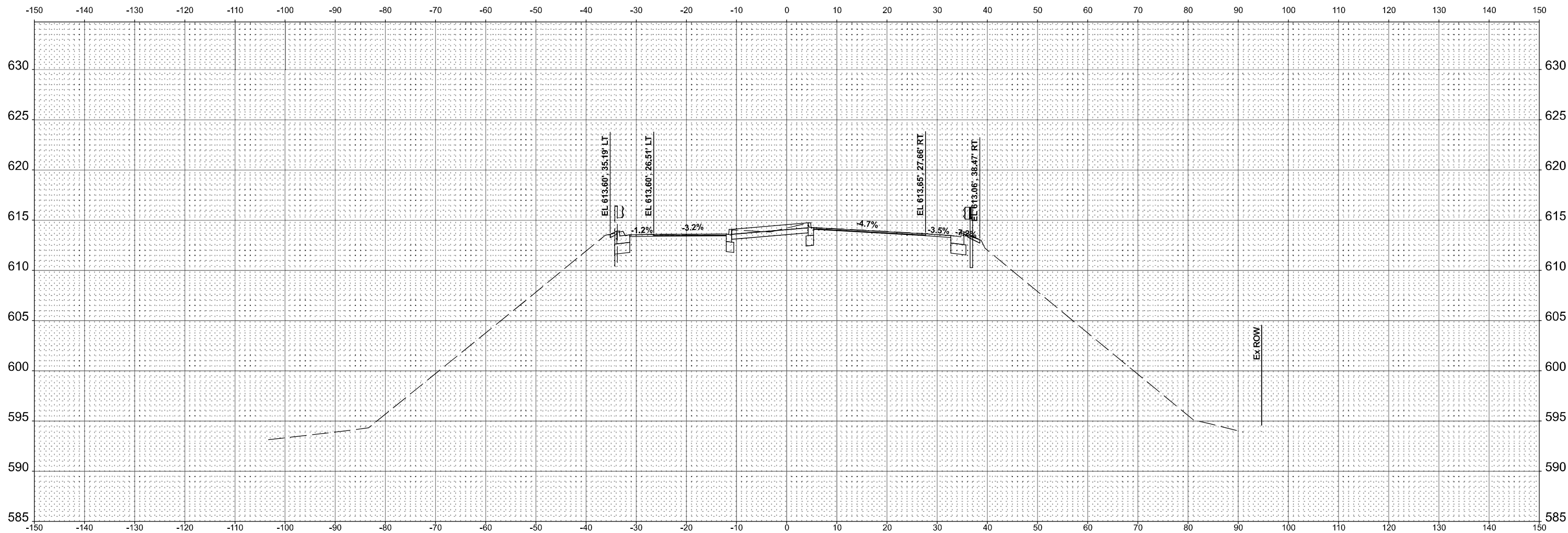
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STA 494+00.00

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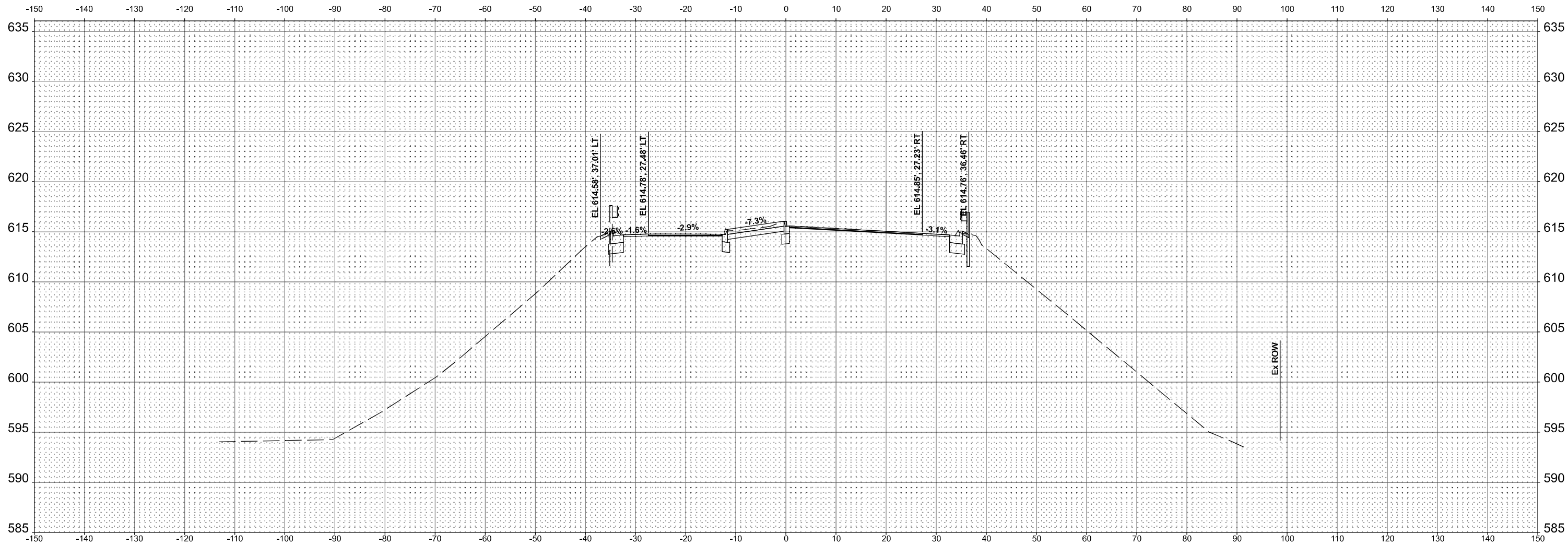
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STA 496+50.00

 GSG CONSULTANTS, INC. 735 E. REMINGTON RD. SCHLAUSBURG, IL 60173 TEL: (630) 994-2000 WWW.GSGCONSULTANTS.COM	USER NAME = baibadr	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CROSS SECTIONS			F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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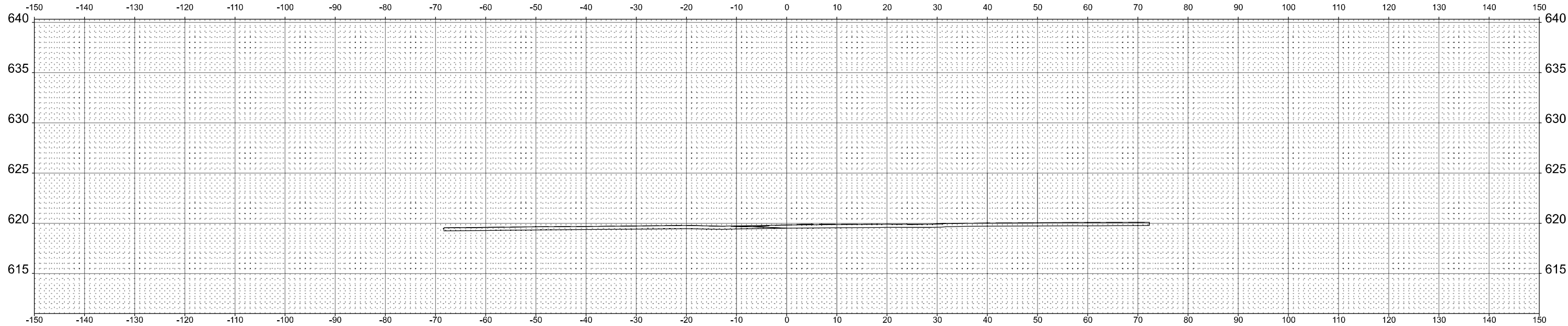
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

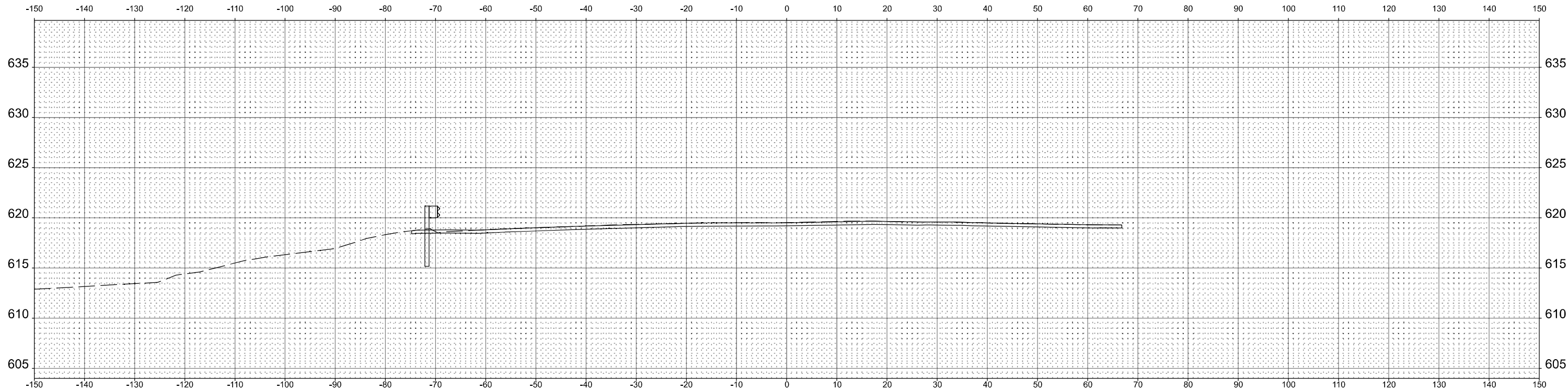
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CONTRACT NO. 62U76				
ILLINOIS FED. AID PROJECT				



STA 500+00.00

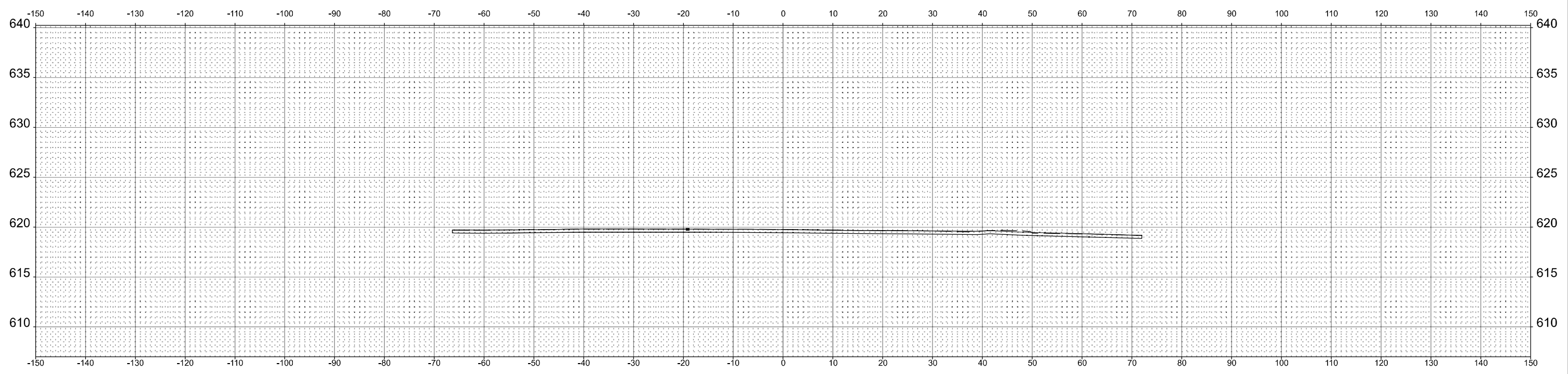


STA 499+50.00

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 GSG CONSULTANTS, INC. 735 E. FARMINGTON RD. SCHLAUSBURG, IL 60173 TEL: (630) 994-2000 WWW.GSGCONSULTANTS.COM	USER NAME = balbedr	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CROSS SECTIONS	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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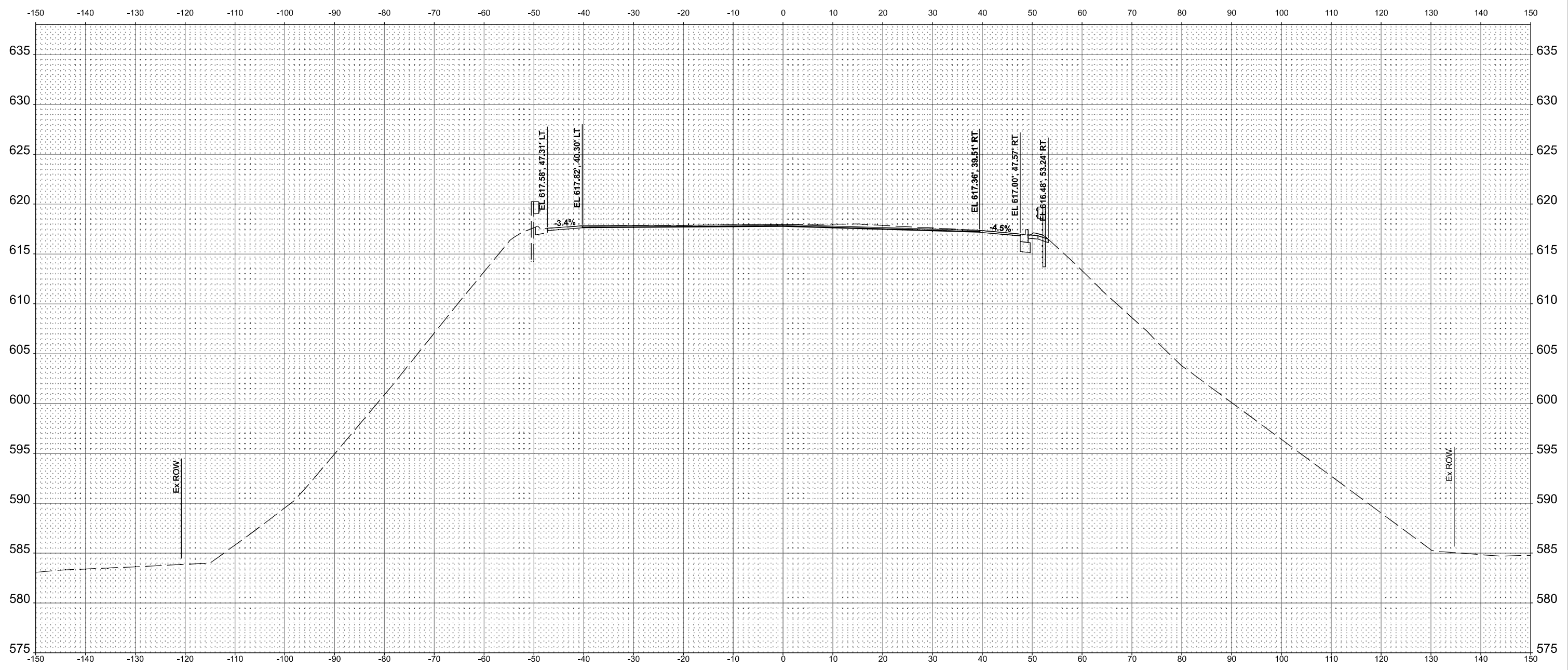
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 GSG CONSULTANTS, INC. 735 E. REMINGTON RD. SCHLAUSBURG, IL 60173 TEL: (630) 994-2000 WWW.GSGCONSULTANTS.COM	USER NAME = balbedr		DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION CROSS SECTIONS SCALE: SHEET 13 OF 56 SHEETS STA. TO STA.				F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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 GSG CONSULTANTS, INC. 735 E. FARMINGTON RD. SCHLAUSBURG, IL 60173 TEL: (630) 994-2000 WWW.GSGCONSULTANTS.COM	USER NAME = baibadr	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CROSS SECTIONS			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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 GSG CONSULTANTS, INC. 730 E. WASHINGTON RD., SCHAMLIER, IL 60173 TEL: (630) 994-2000 WWW.GSG-CONSULTANTS.COM	USER NAME = balbedr	DESIGNED -	REVISED -
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CROSS SECTIONS

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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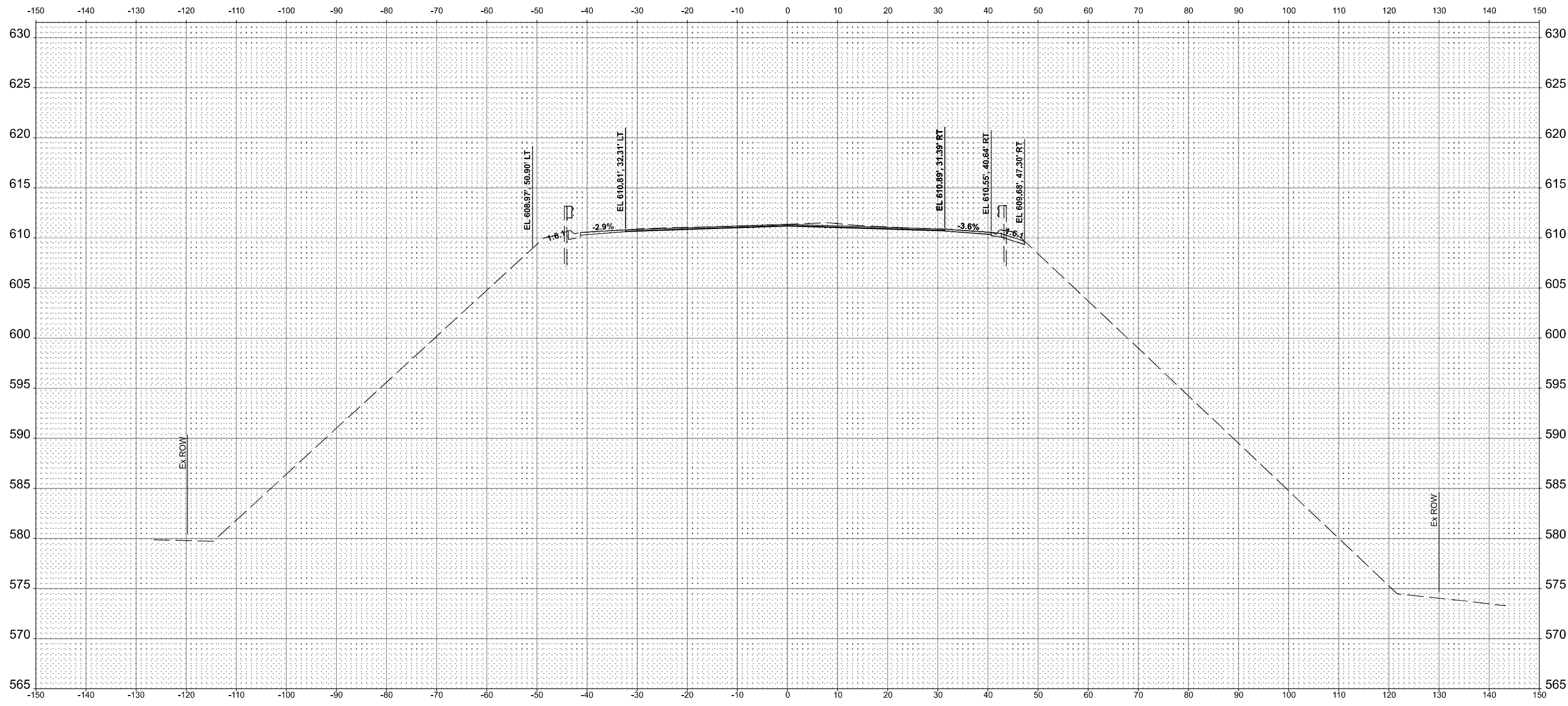
GSG **GSG CONSULTANTS, INC.**
735 E. REMINGTON RD. SCHAUMBURG, IL 60173
TEL: +1630.994.2600 | WWW.GSG-CONSULTANTS.COM

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCALE:	SHEET 17	OF 56	SHEETS	STA.	TO STA.
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ILLINOIS	FED. AID PROJECT
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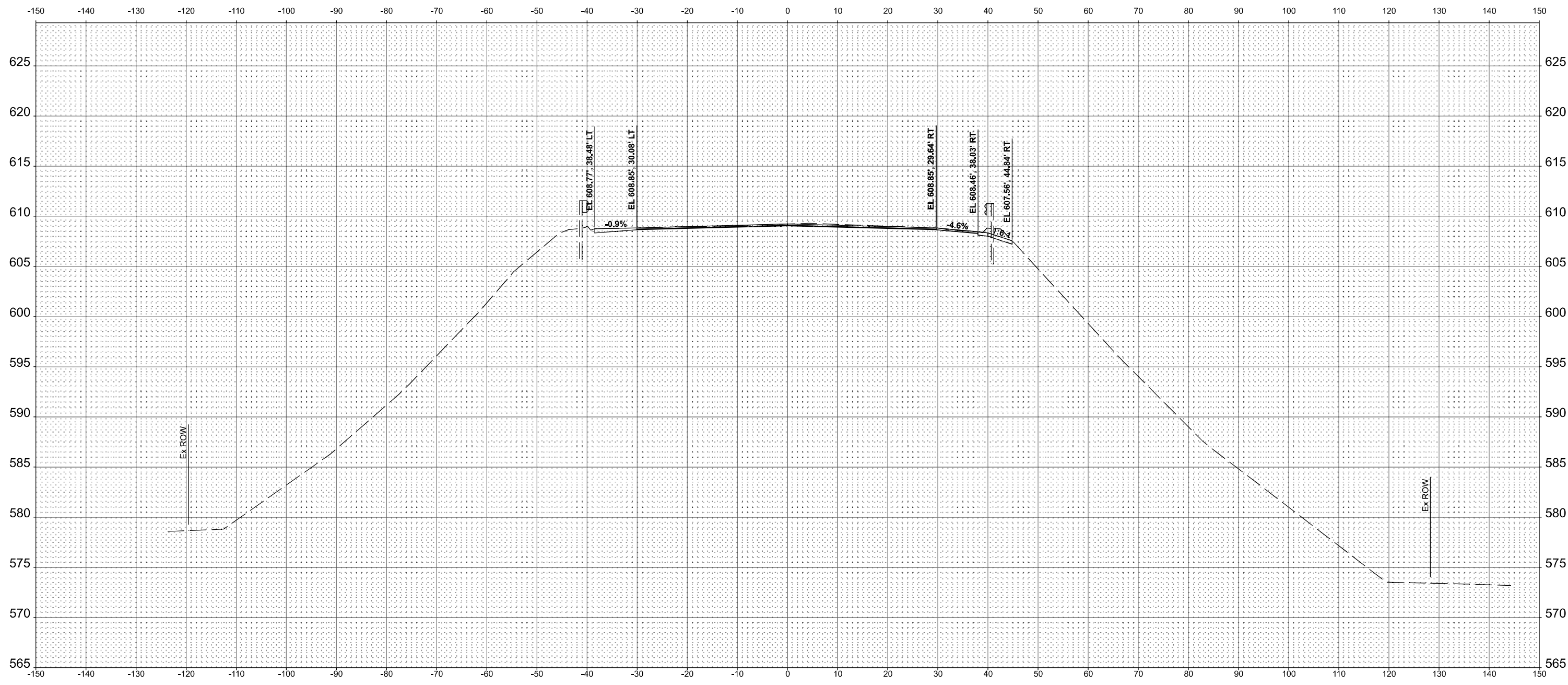
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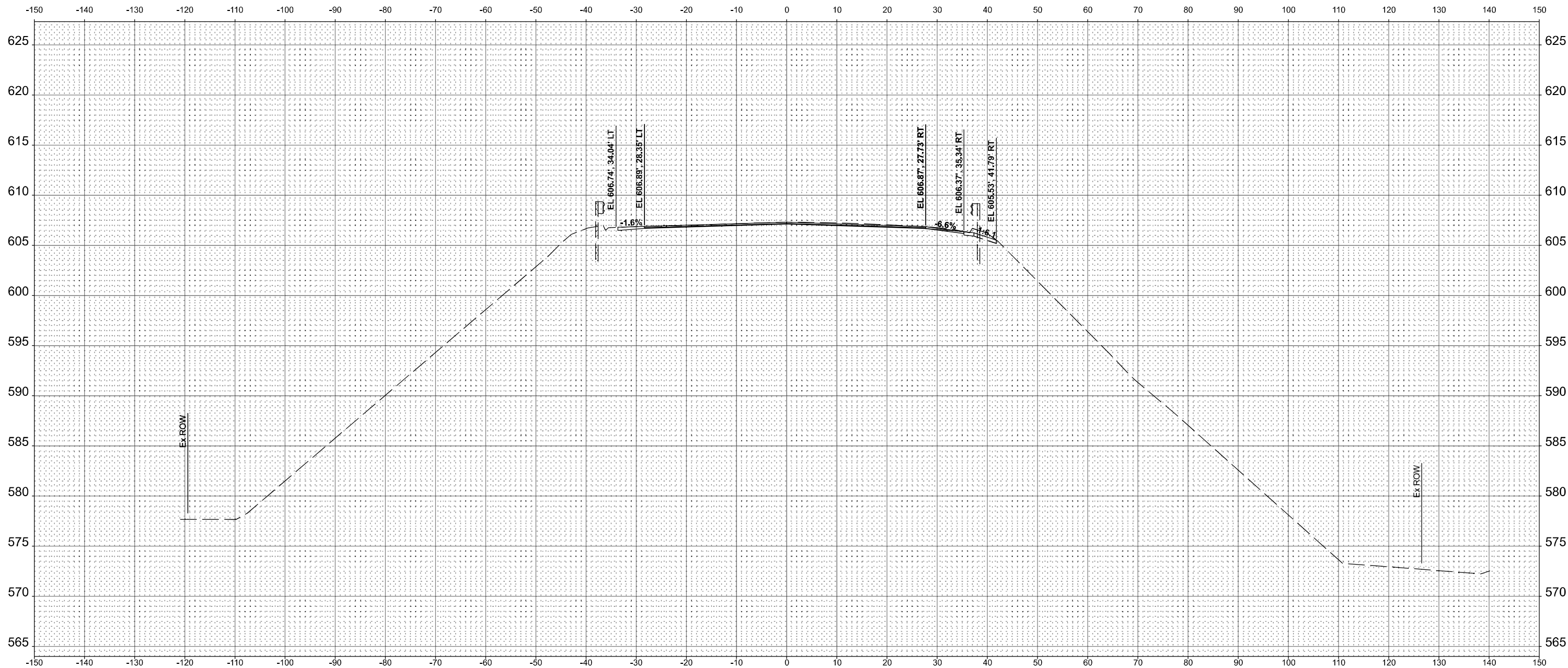
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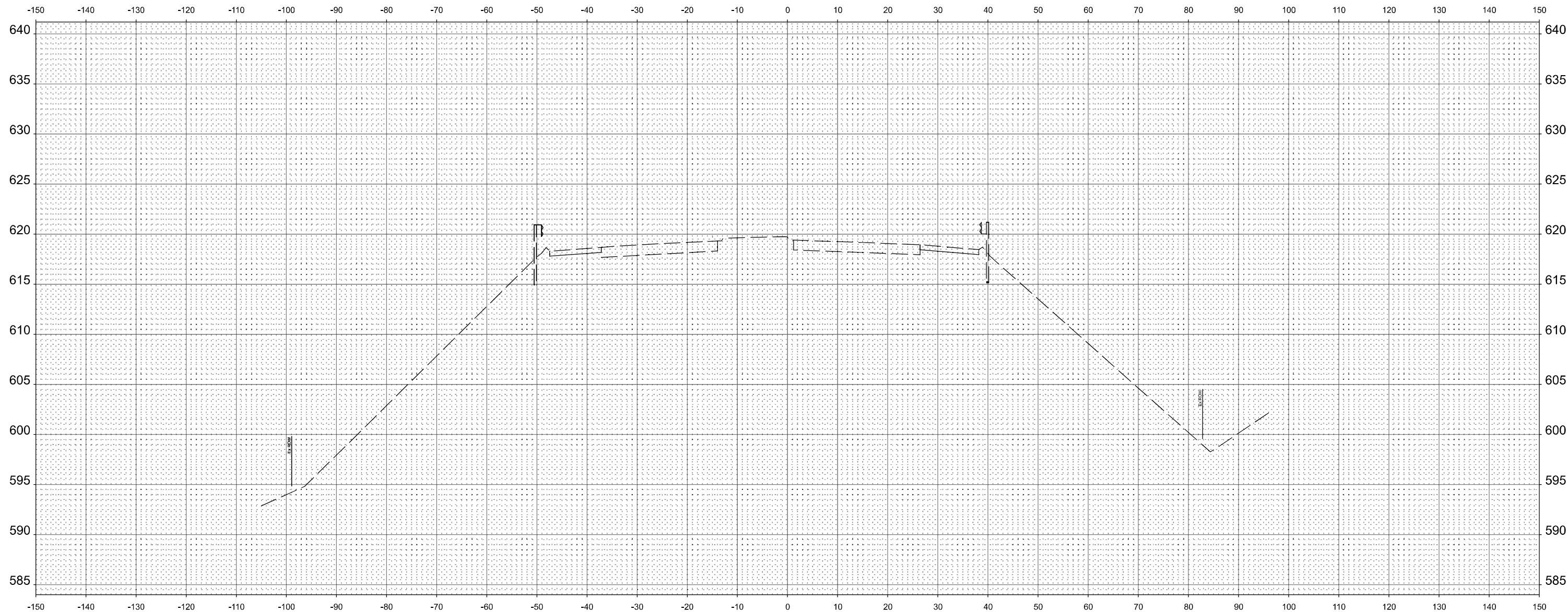
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS			
SCALE:	SHEET 21	OF 56 SHEETS	STA. TO STA.

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

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STA 994+50.00

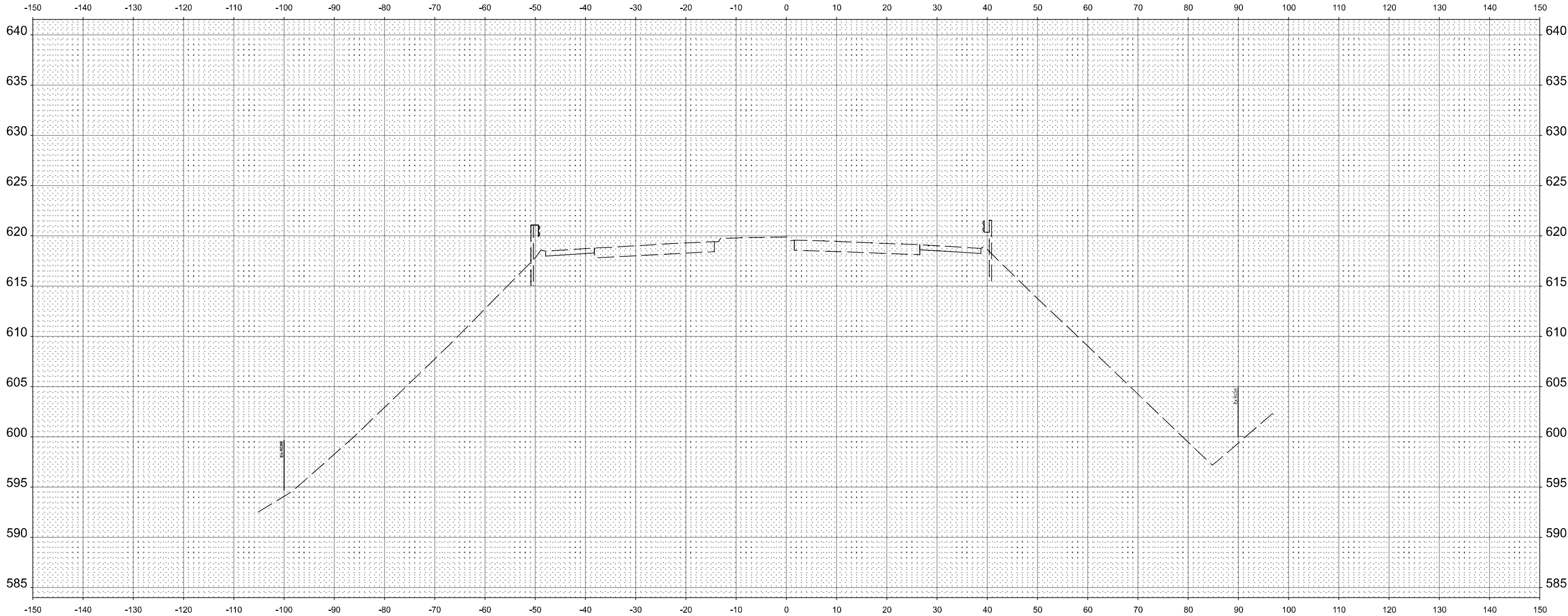
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FINAL SURVEY	NO.	SURVEYED PLOTTED NOTE BOOK AREAS AREAS CHECKED	BY	DATE

ORIGINAL SURVEY	NO.	SURVEYED PLOTTED NOTE BOOK AREAS AREAS CHECKED	BY	DATE

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MODEL: IL53_C1-5-995+00.00
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STA 995+00.00



USER NAME = balbedr	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 0.16660000' / in.	CHECKED -	REVISED -
PLOT DATE = 2/9/2024	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS

SCALE: SHEET 24 OF 56 SHEETS STA. TO STA.

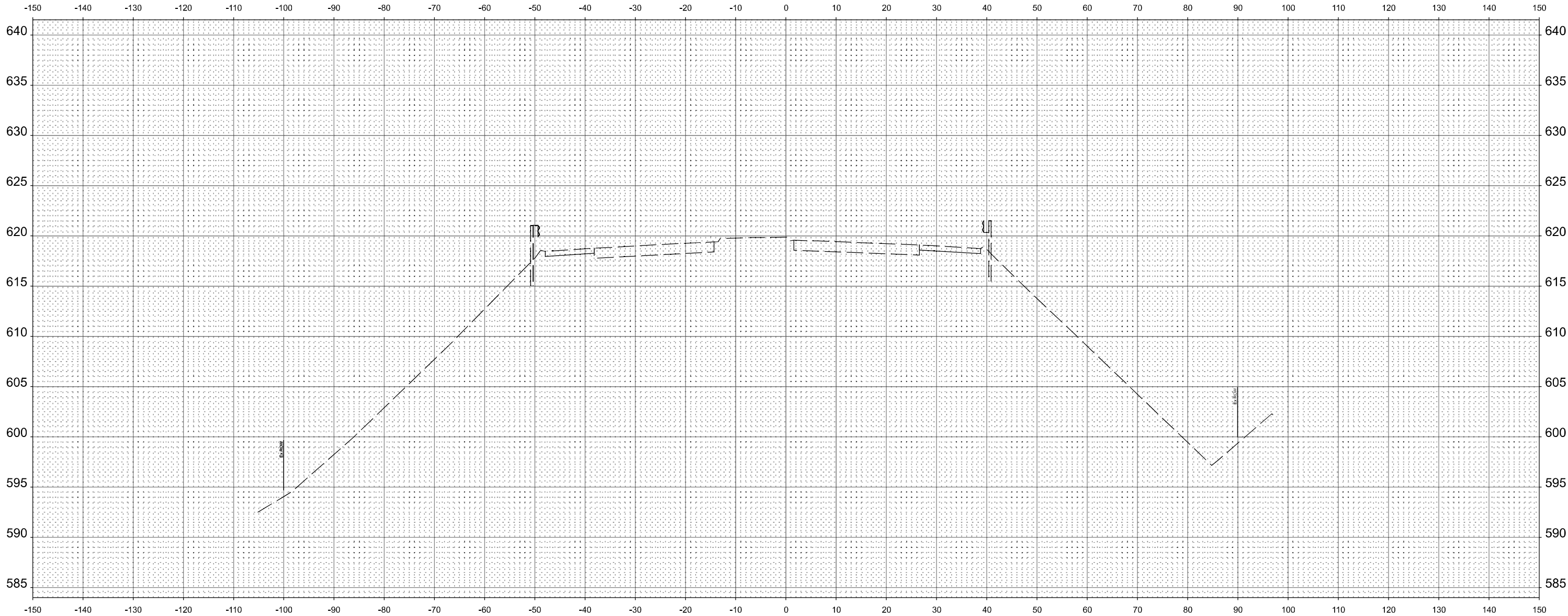
F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
351	2019-047-TS	WILL	137	105
CONTRACT NO. 62U76				
ILLINOIS FEDERAL PROJECT				

FINAL SURVEY NOTE BOOK NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE

ORIGINAL SURVEY NOTE BOOK NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE

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STA 995+00.00



GSG CONSULTANTS, INC.
735 E. FARMINGTON RD. SCHMIDT, IL 60077
TEL: (833) 995-2000 | WWW.GSGCONSULTANTS.COM

USER NAME = baladr	DESIGNED -	REVISED -
DRAWN -	REVISED -	
PLOT SCALE = 0.1666667' / in.	CHECKED -	REVISED -
PLOT DATE = 2/9/2024	DATE -	REVISED -

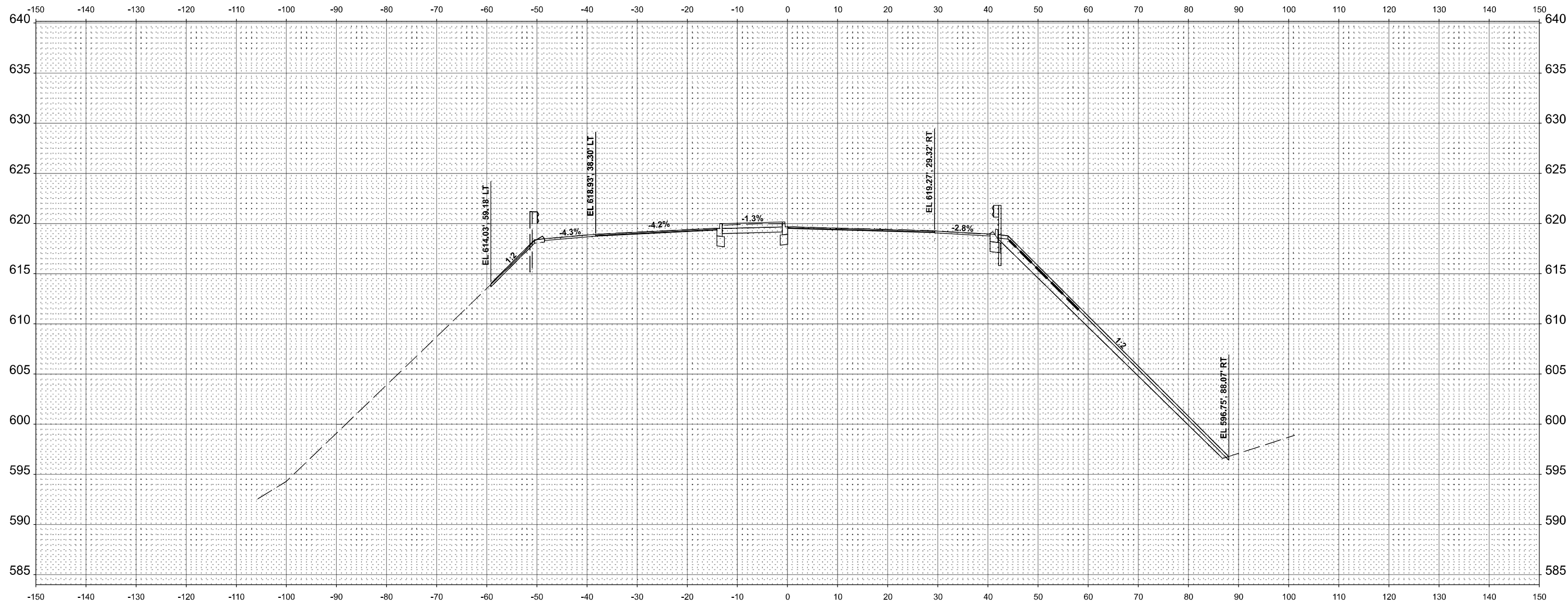
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS

SCALE: SHEET 25 OF 56 SHEETS STA. TO STA.

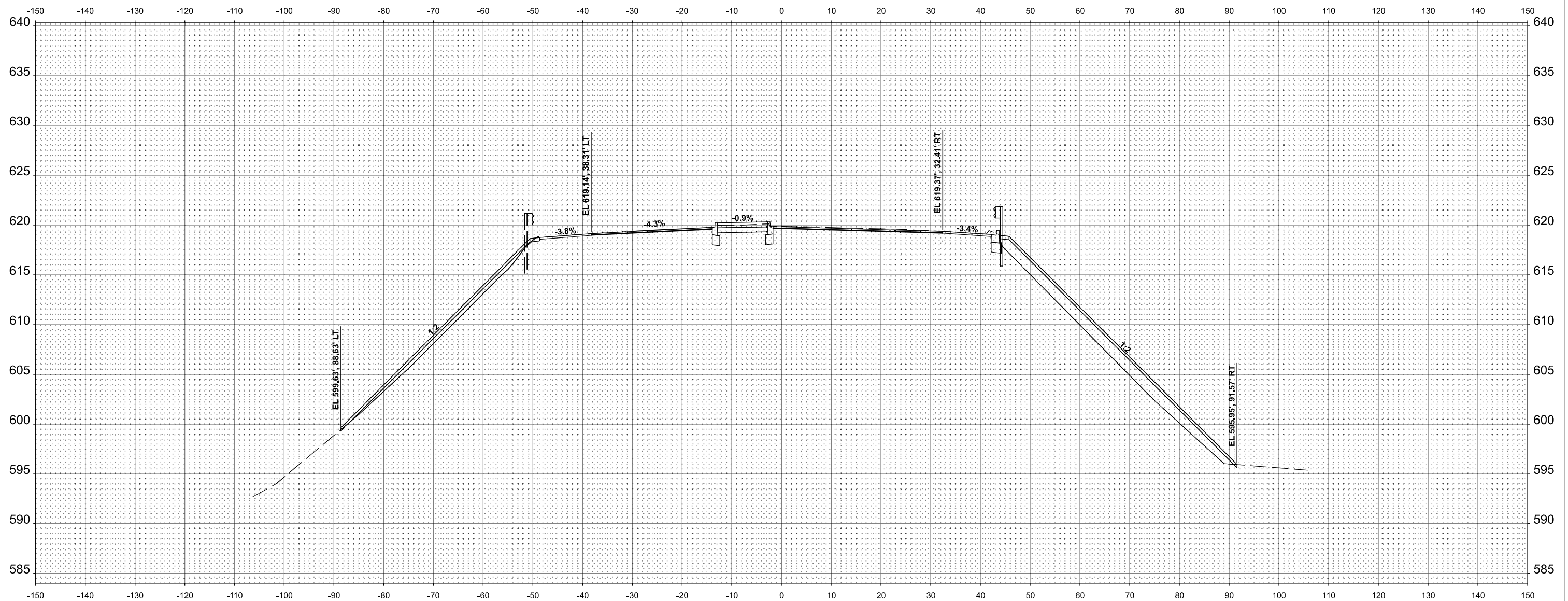
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
351	2019-047-TS	WILL	137	106
CONTRACT NO. 62U76				
ILLINOIS FED. AID PROJECT				

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STA 995+50.00

 GSG CONSULTANTS, INC. 735 E. FARMINGTON RD. SCHLAUSBURG, IL 60173 TEL: (630) 994-2000 WWW.GSGCONSULTANTS.COM	USER NAME = balbedr	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION CROSS SECTIONS SCALE: SHEET 26 OF 56 SHEETS STA. TO STA.				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	DRAWN -	REVIS	ED -					351	2019-047-TS	WILL	137	107
	PLOT SCALE = 0.1666667" / in.	CHECKED -	REVISED -					CONTRACT NO. 62U76				
	PLOT DATE = 2/9/2024	DATE -	REVISED -					ILLINOIS FED. AID PROJECT				



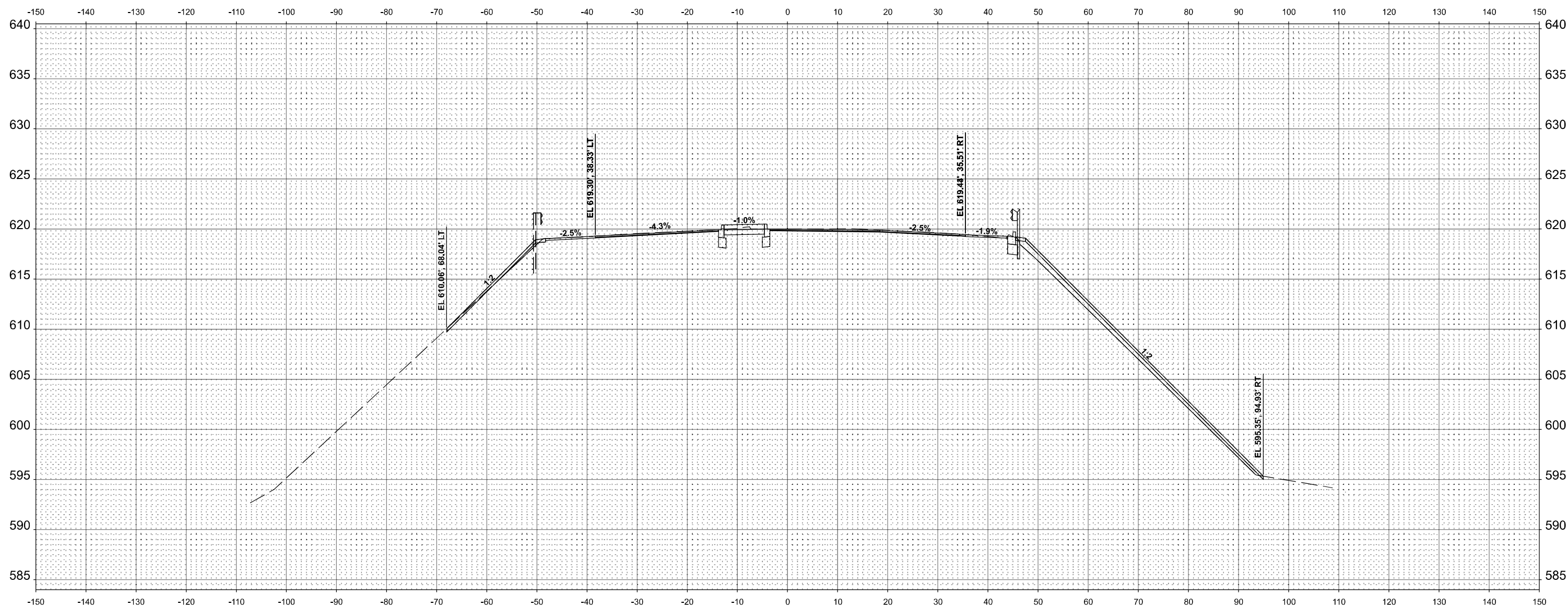
STA 996+00.00

USER NAME = baladr	DESIGNED -	REVISED -
	DRAWN -	REVISED -
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PLOT DATE = 2/9/2024	DATE -	REVISED -

CROSS SECTIONS

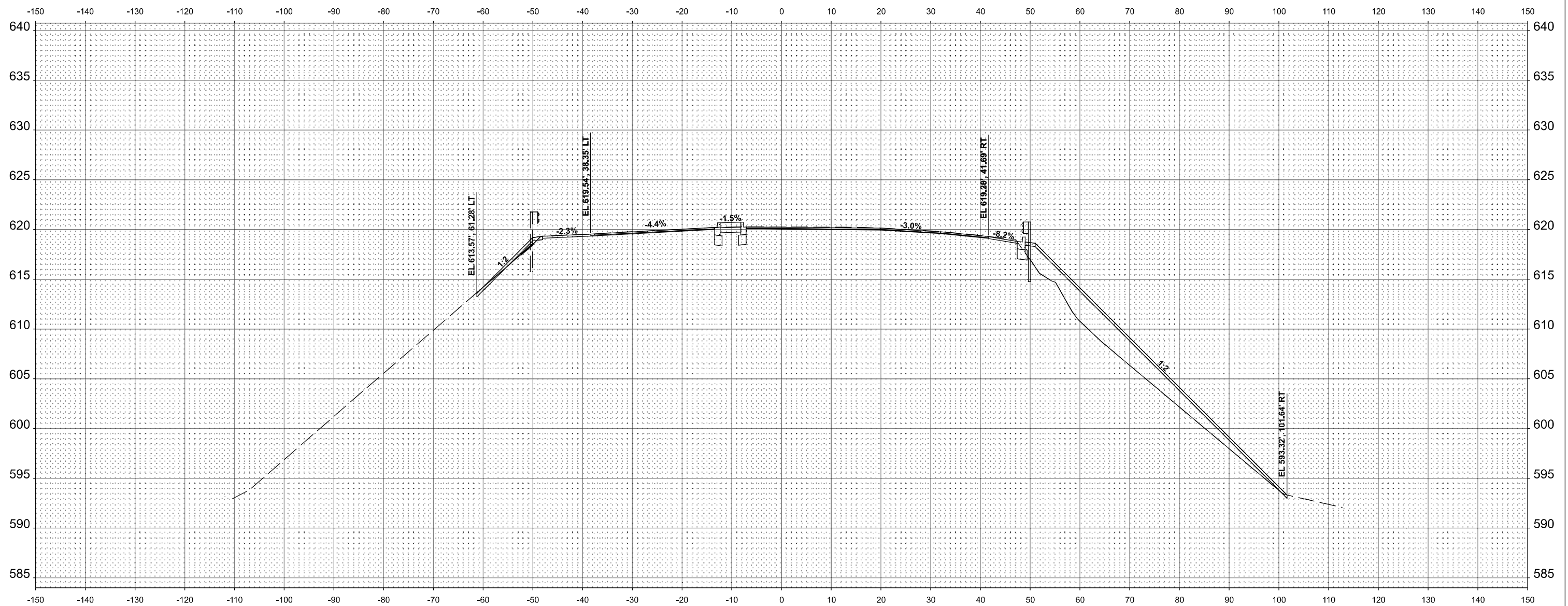
F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
351	2019-047-TS	WILL	137	108
		CONTRACT NO. 62U76		
ILLINOIS		FED. AID PROJECT		

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STA 996+50.00

 GSG CONSULTANTS, INC. 735 E. FARMINGTON RD. Schaumburg, IL 60193 TEL: (833) 994-2000 WWW.GSGCONSULTANTS.COM	USER NAME = baibadr	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CROSS SECTIONS	F.A.P RTE. SECTION COUNTY TOTAL SHEETS SHEET NO. 351 2019-047-TS WILL 137 109 CONTRACT NO. 62U76
	PLOT SCALE = 0.1666667' / in.	DRAWN -	REVISED -			
	CHECKED -	REVISED -	REVISED -			
	PLOT DATE = 2/9/2024	DATE -	REVISED -			
SCALE:		SHEET 28	OF 56	SHEETS	STA.	TO STA.
		ILLINOIS		FED. AID PROJECT		



STA 997+50.00



USER NAME = balbedr	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 0.16666667" / in.	CHECKED -	REVISED -
PLOT DATE = 2/9/2024	DATE -	REVISED -

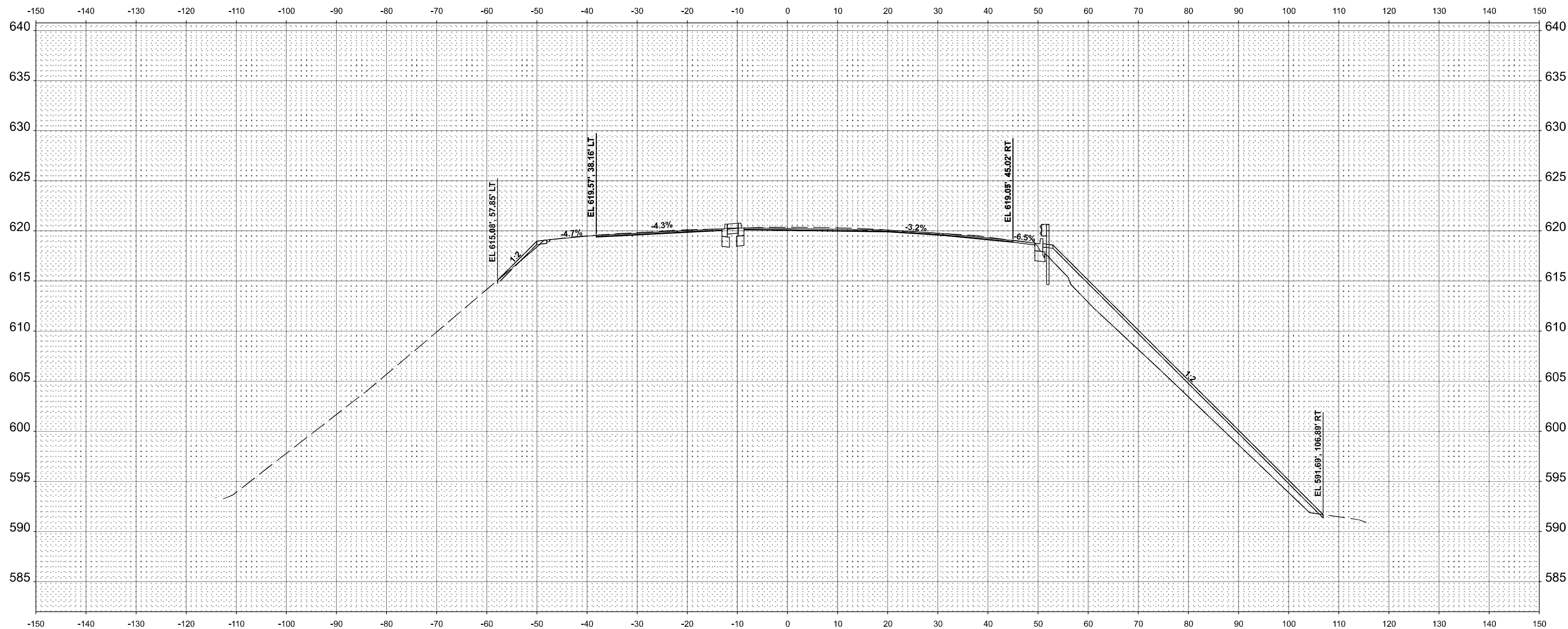
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

CROSS SECTIONS

SCALE:	SHEET 30	OF 56	SHEETS	STA.	TO STA.
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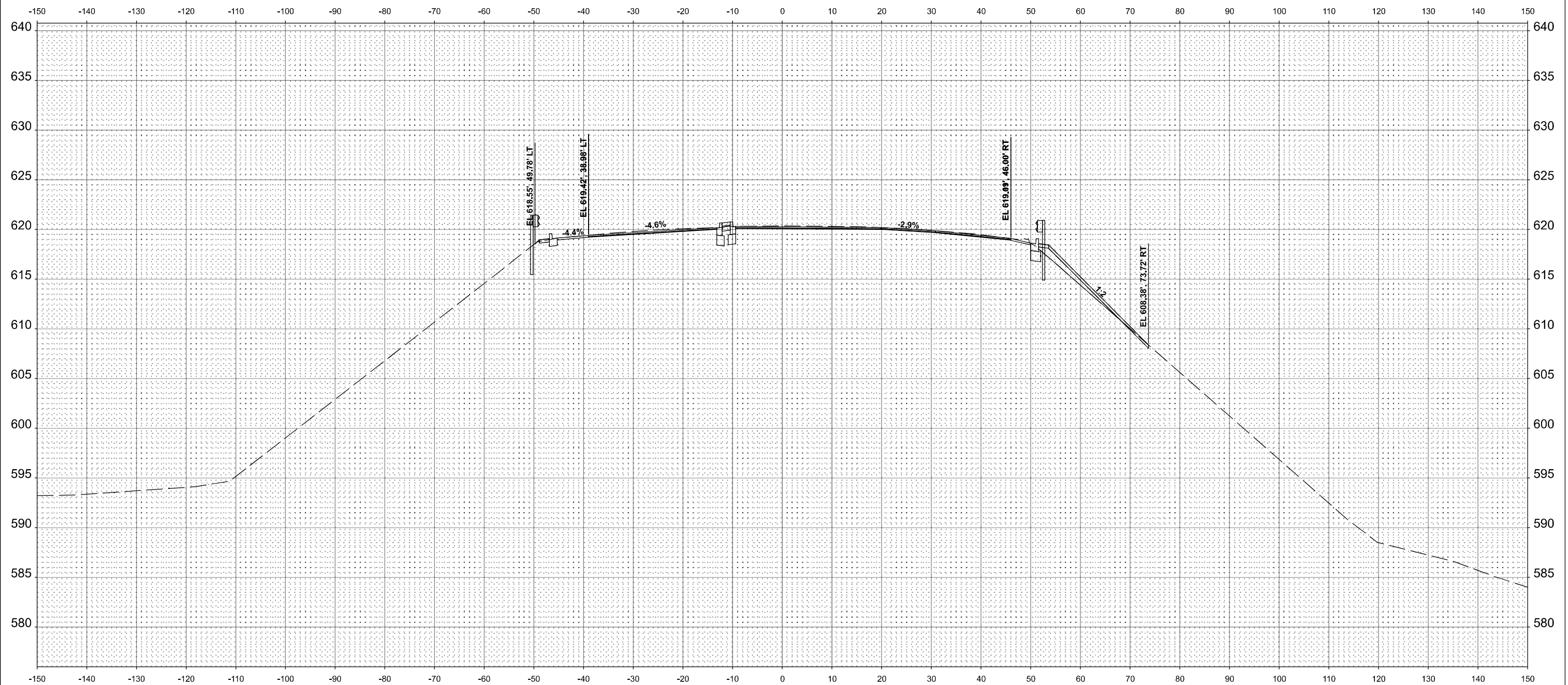
F.A. P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
351	2019-047-TS	WILL	137	111
		CONTRACT NO. 62U76		
ILLINOIS		FED. AID PROJECT		

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STA 998+00.00

 GSG CONSULTANTS, INC. 735 E. FARMINGTON RD. SCHLAUSBURG, IL 60173 TEL: (630) 994-2000 WWW.GSGCONSULTANTS.COM	USER NAME = baibadr	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CROSS SECTIONS				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 0.16666667' / in.	DRAWN -	REVISED -						351	2019-047-TS	WILL	137	112
	PLOT DATE = 2/9/2024	CHECKED -	REVISED -		SCALE: SHEET 31 OF 56 SHEETS STA. TO STA.				CONTRACT NO. 62U76				
		DATE -	REVISED -						ILLINOIS FED. AID PROJECT				

**STA 998+50.00**

USER NAME = balbadr	DESIGNED -	REVISED -
	DRAWN -	REVISED -
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PLOT DATE = 2/9/2024	DATE -	REVISED -

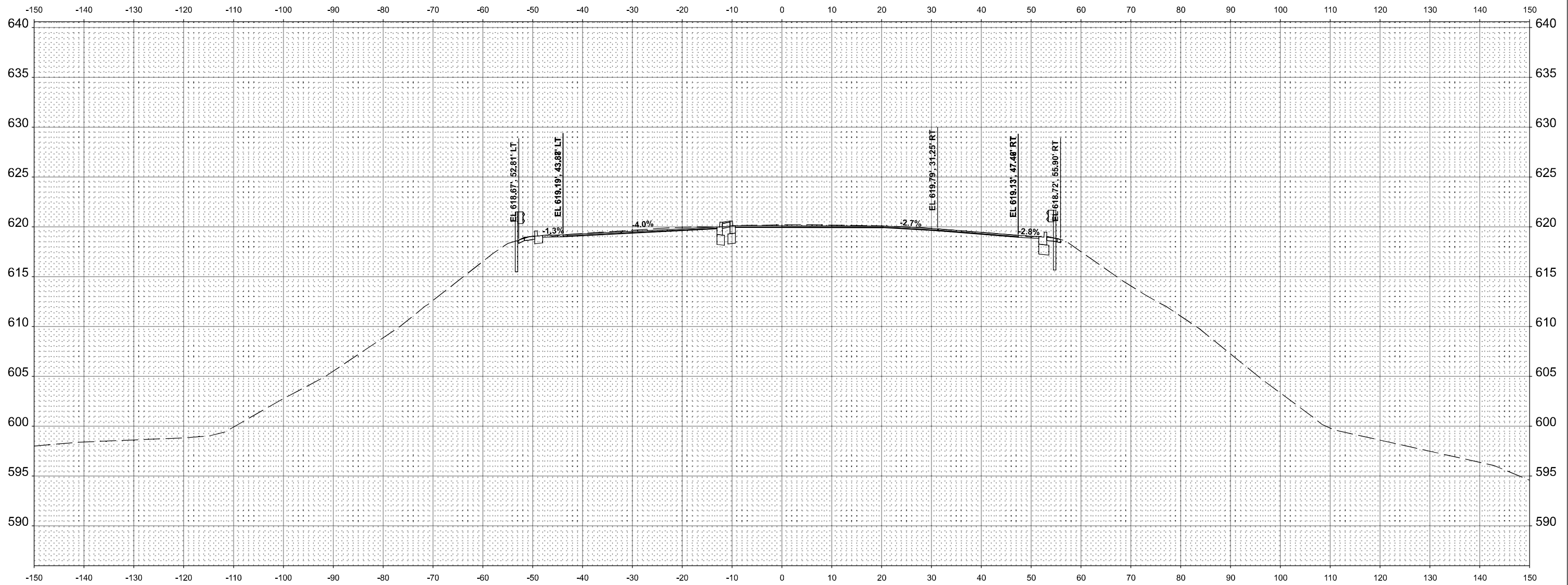
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

CROSS SECTIONS

SCALE:	SHEET 32 OF 56 SHEETS	STA.	TO STA.
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F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
351	2019-047-TS	WILL	137	113
		CONTRACT NO. 62U76		
ILLINOIS		FED. AID PROJECT		

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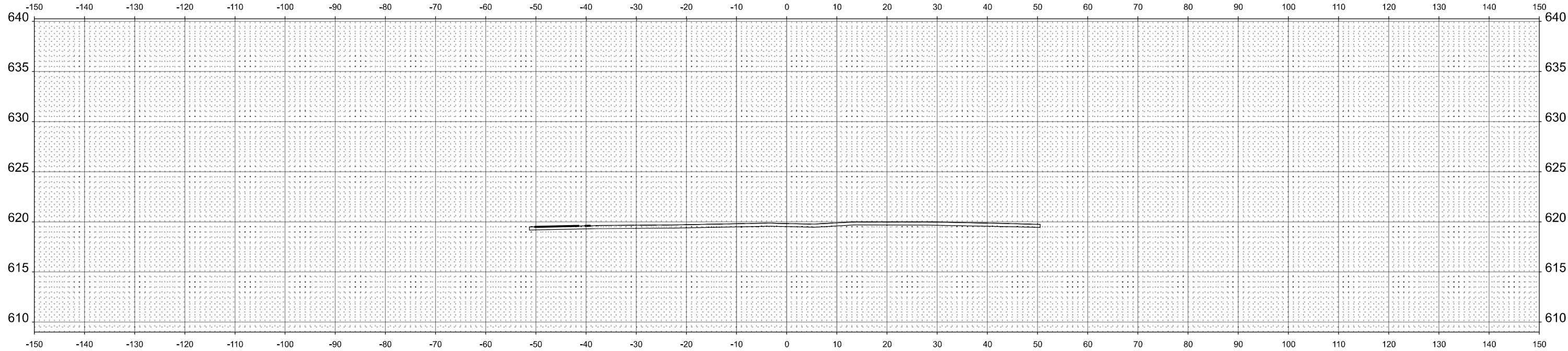
STA 999+00.00

 GSG CONSULTANTS, INC. 735 E. REMINGTON RD. SCHLAUSBURG, IL 60133 TEL: (630) 994-2000 WWW.GSGCONSULTANTS.COM	USER NAME = balbedr	DESIGNED -	REVISED -
		DRAWN -	REVISED -
	PLOT SCALE = 0.16660000' / in.	CHECKED -	REVISED -
	PLOT DATE = 2/9/2024	DATE -	REVISED -

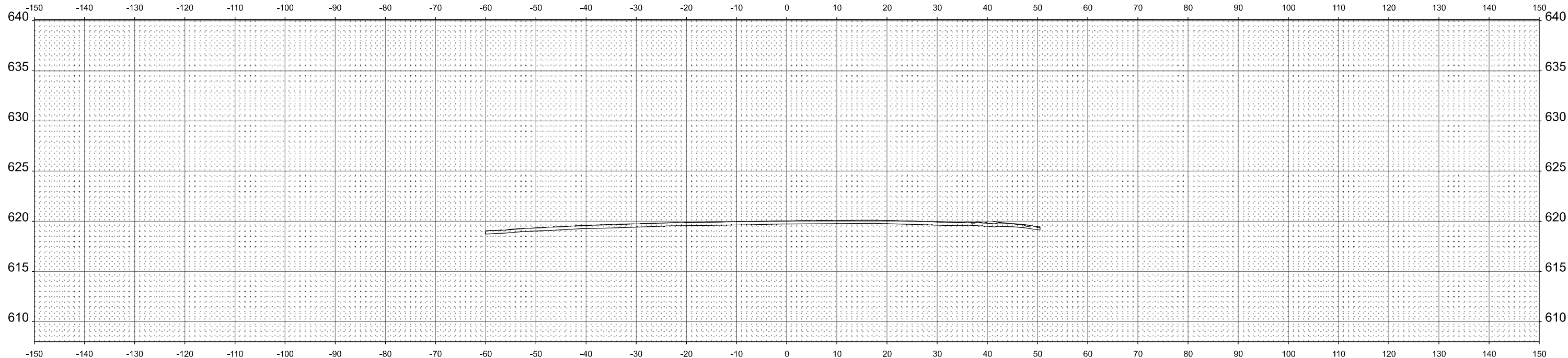
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS			
SCALE:	SHEET 33	OF 56 SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
351	2019-047-TS	WILL	137	114
CONTRACT NO. 62U76				
ILLINOIS FED. AID PROJECT				



STA 1000+00.00

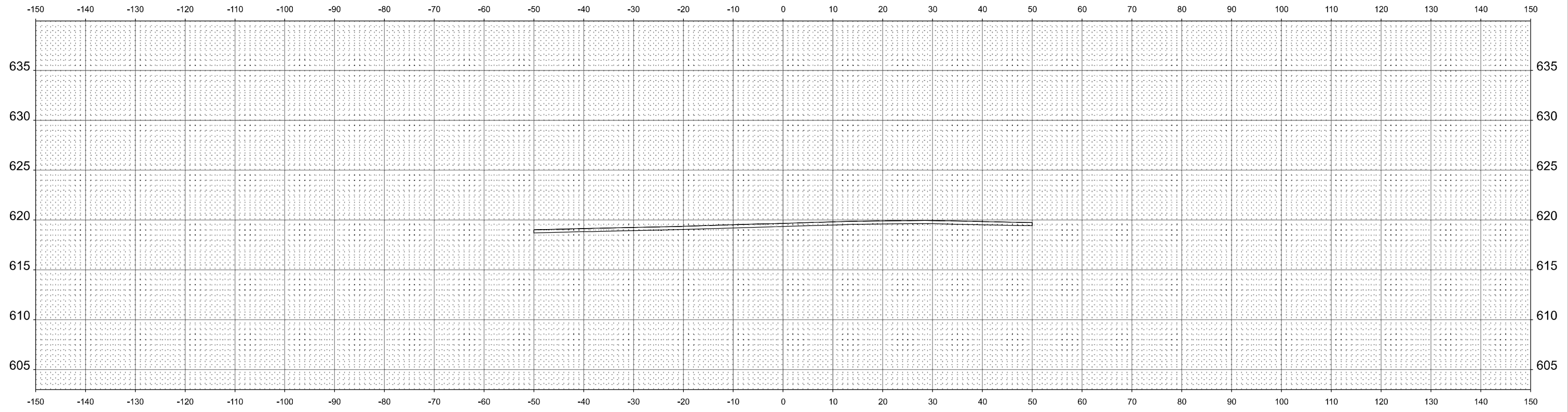


STA 999+50.00

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DATE: 2/9/2024

 GSG CONSULTANTS, INC. 735 E. REMINGTON RD. SCHAMBOURG, IL 60197 TEL: (833) 994-2000 WWW.GSGCONSULTANTS.COM	USER NAME = baibadr	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CROSS SECTIONS	SCALE: SHEET 34 OF 56 SHEETS STA. TO STA.	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	DRAWN -	REVIS	ED -				351	2019-047-TS	WILL	137	115
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	PLOT DATE = 2/9/2024	DATE -	REVISED -				ILLINOIS FED. AID PROJECT				

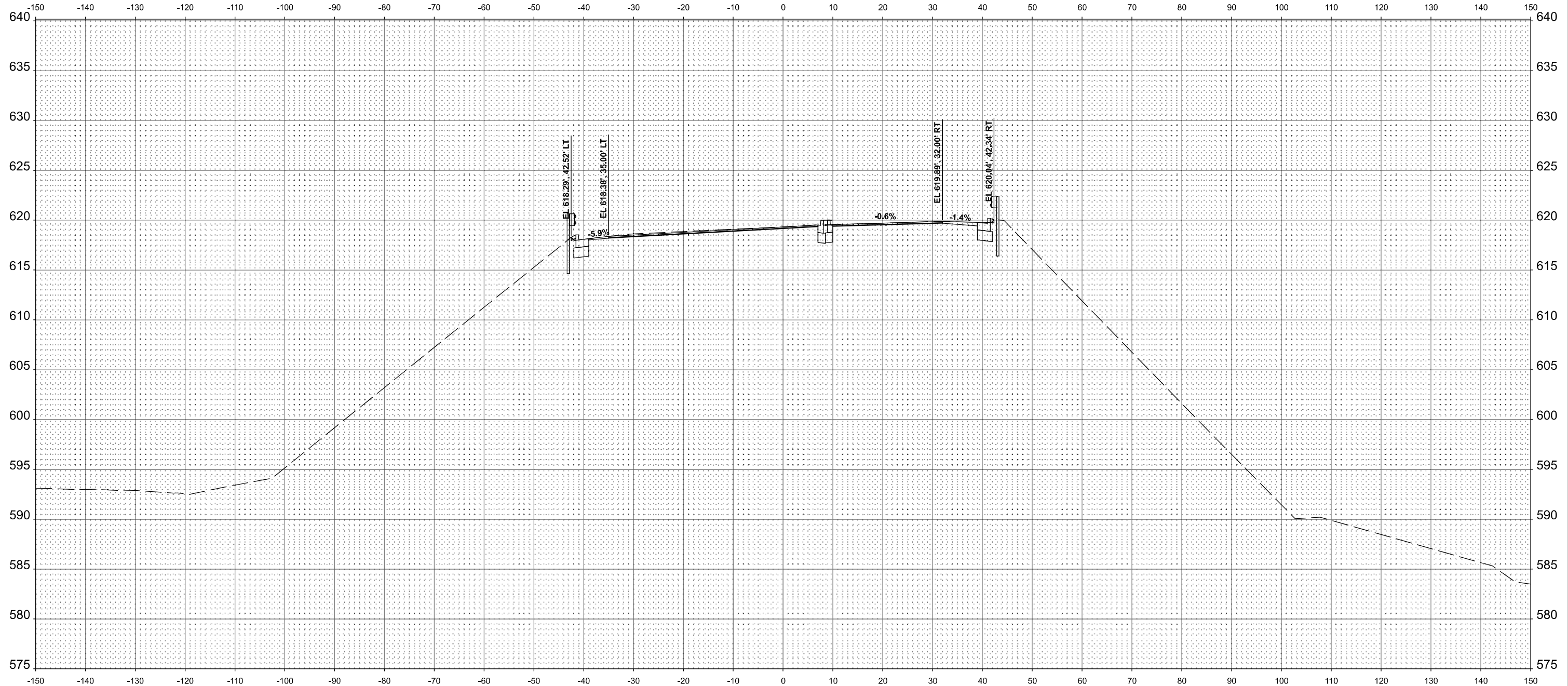
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STA 1000+50.00

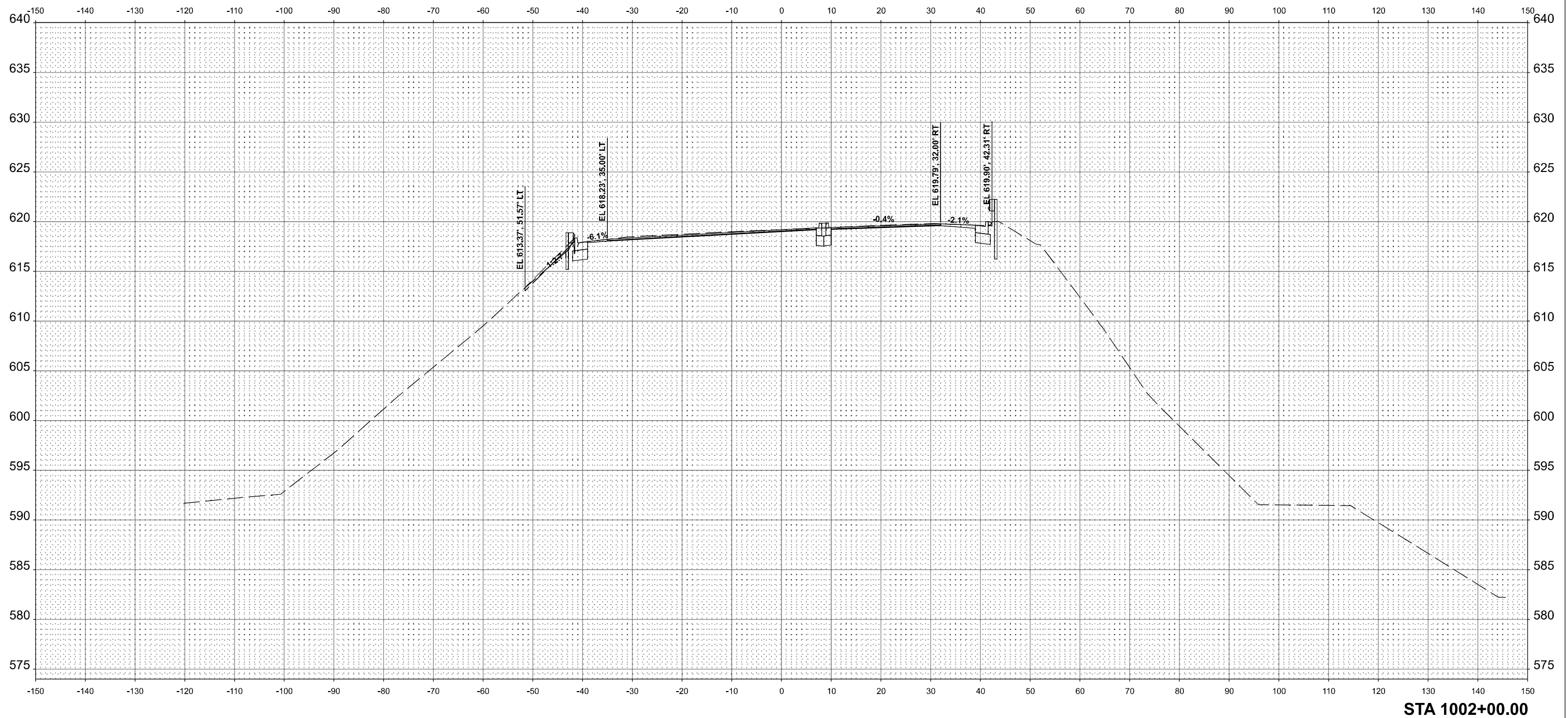
 GSG CONSULTANTS, INC. 735 E. FARMINGTON RD. SCHLAUSBURG, IL 60173 TEL: (630) 994-2600 WWW.GSG-CONSULTANTS.COM	USER NAME = baibadr		DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CROSS SECTIONS						F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	DRAWN -		REVISD -	REVISED -								351	2019-047-TS	WILL	137	117
	PLOT SCALE = 0.16666667' / in.		CHECKED -	REVISED -		CONTRACT NO. 62U76										
	PLOT DATE = 2/9/2024		DATE -	REVISED -		ILLINOIS FED. AID PROJECT										
						SCALE:		SHEET 36	OF 56	SHEETS	STA.	TO STA.				

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STA 1001+50.00

 GSG CONSULTANTS, INC. 735 E. FARMINGTON RD. SCHLAUSBURG, IL 60173 TEL: (630) 994-2600 WWW.GSG-CONSULTANTS.COM	USER NAME = balbadr	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CROSS SECTIONS	F.A.P RTE.						
		DRAWN -	REVISED -			SECTION						
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	PLOT DATE = 2/9/2024	DATE -	REVISED -			TOTAL SHEETS						
							SHEET NO.					
						351	2019-047-TS		WILL	137	118	
						CONTRACT NO. 62U76						
						SCALE:		SHEET 37	OF 56	SHEETS	STA.	TO STA.



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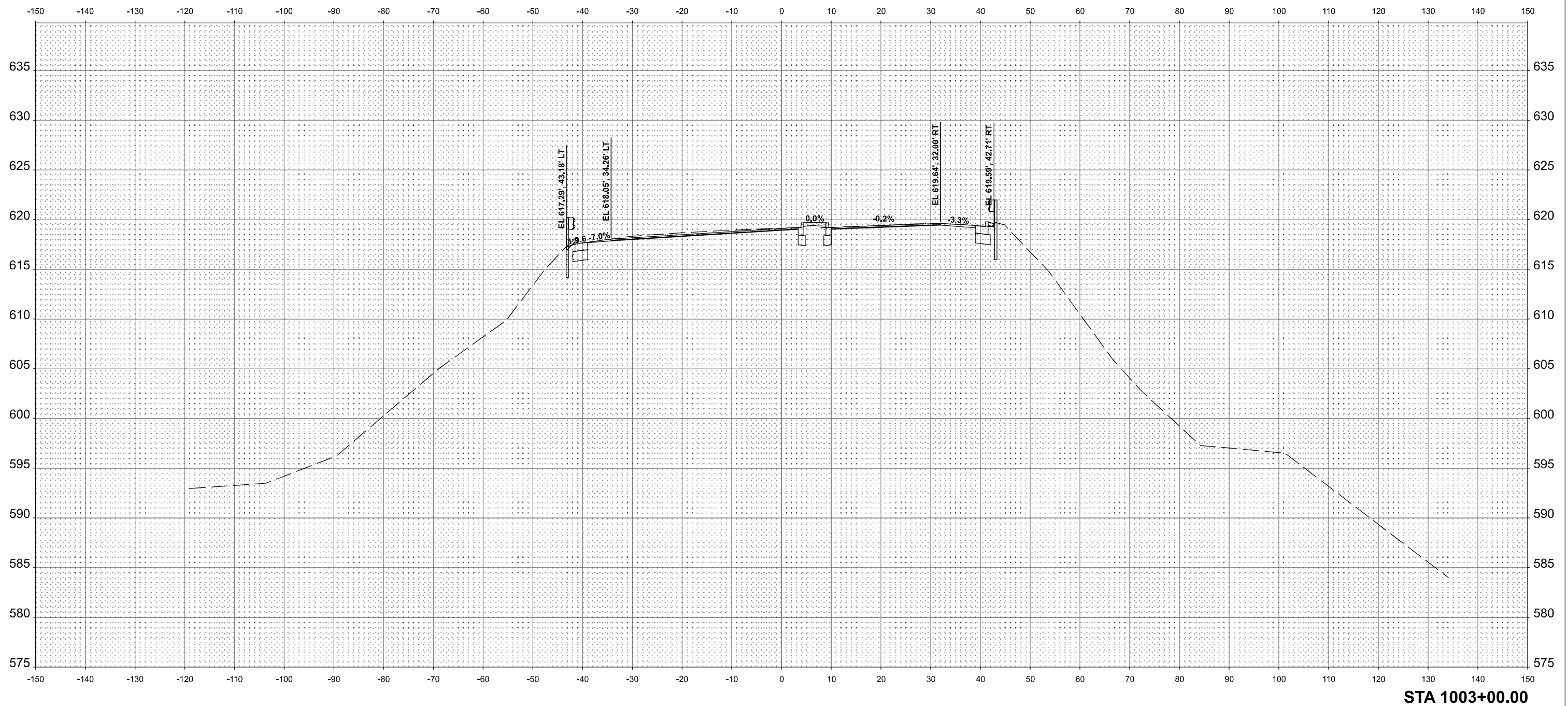
USER NAME = balbedr	DESIGNED -	REVISED -
	DRAWN -	REVISED -
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PLOT DATE = 2/9/2024	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

CROSS SECTIONS

SCALE:	SHEET 38	OF 56	SHEETS	STA.	TO STA.
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F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
351	2019-047-TS	WILL	137	119
		CONTRACT NO. 62U76		
ILLINOIS		FED. AID PROJECT		



MODEL: IL53_CL-5 - 1003+00.00
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USER NAME = balbedr	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 0.16666667" / in.	CHECKED -	REVISED -
PLOT DATE = 2/9/2024	DATE -	REVISED -

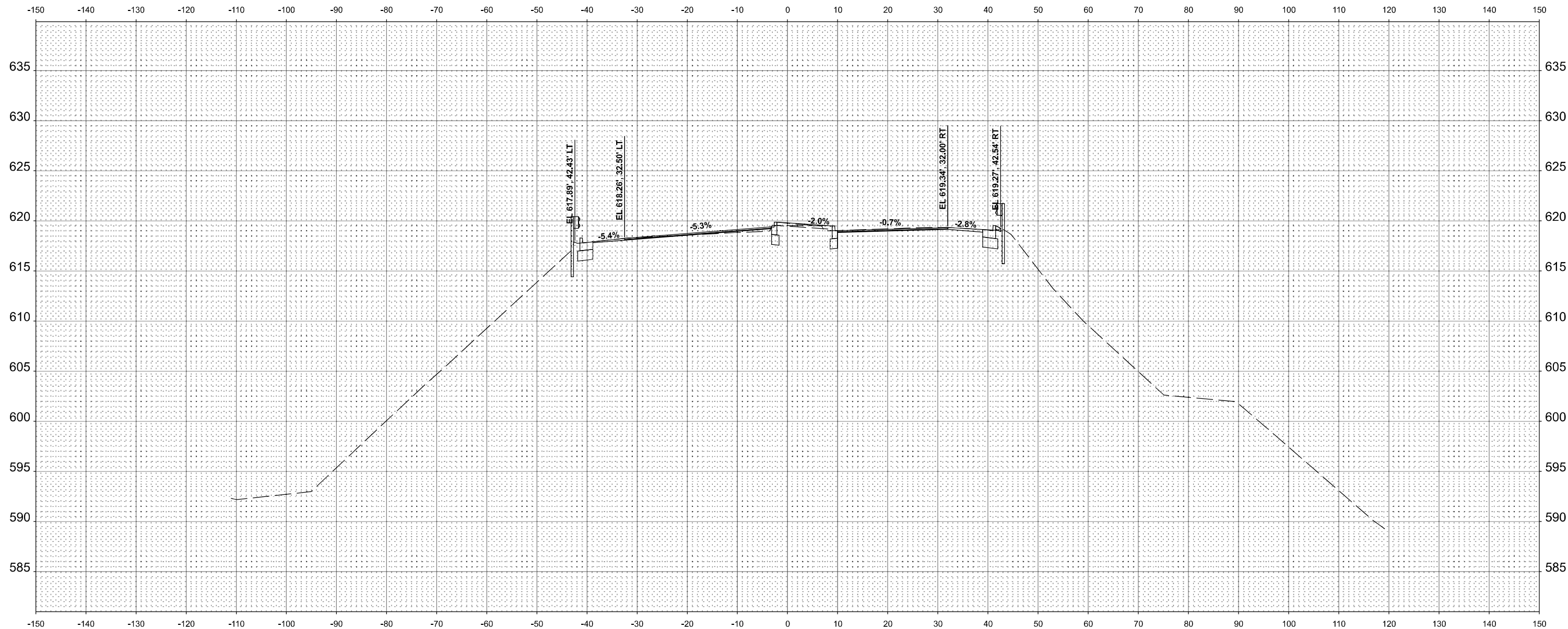
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

CROSS SECTIONS

SCALE:	SHEET 40	OF 56	SHEETS	STA.	TO STA.
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F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
351	2019-047-TS	WILL	137	121
		CONTRACT NO. 62U76		
ILLINOIS		FED. AID PROJECT		

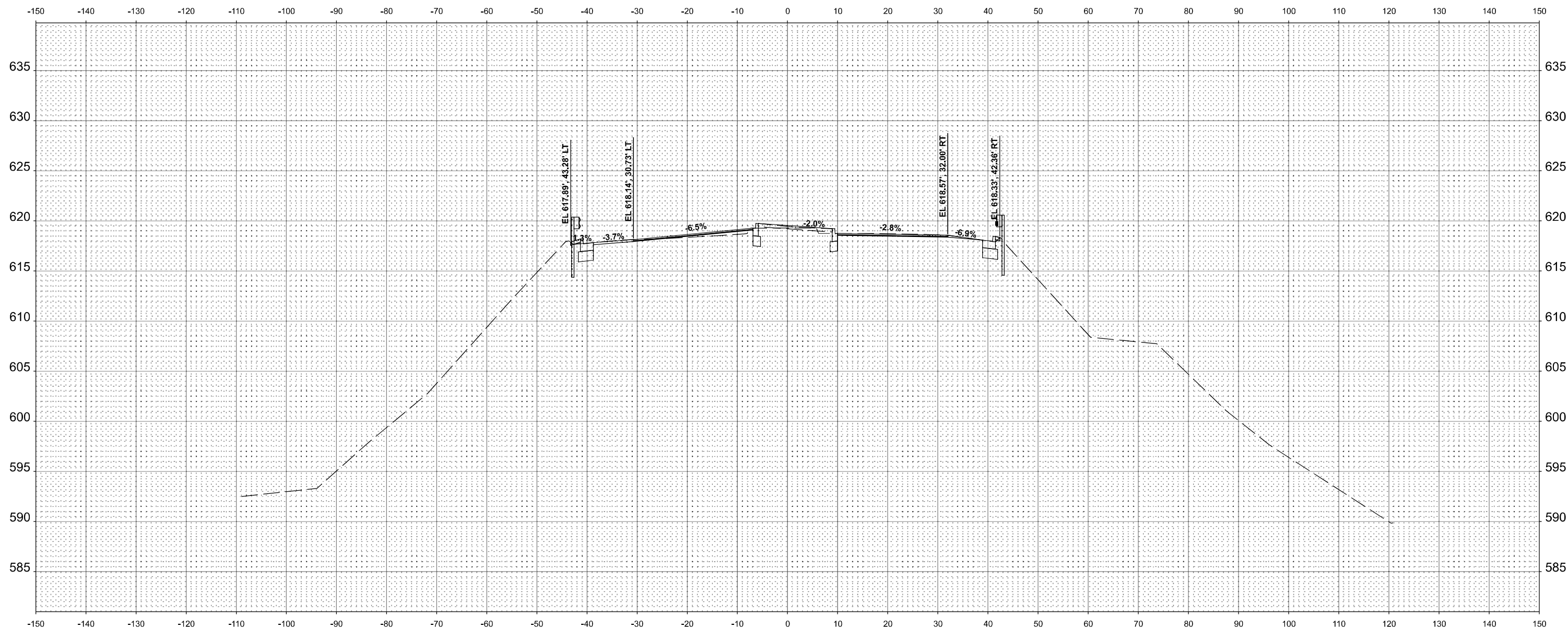
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PROJECT: 1004+00.00



STA 1004+00.00

 GSG CONSULTANTS, INC. 735 E. FARMINGTON RD. SCHLAUSBURG, IL 60173 TEL: (630) 994-2000 WWW.GSGCONSULTANTS.COM	USER NAME = balbedr	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION CROSS SECTIONS SCALE: SHEET 42 OF 56 SHEETS STA. TO STA.				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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	PLOT DATE = 2/9/2024	CHECKED -	REVISED -					CONTRACT NO. 62U76				
		DATE -	REVISED -					ILLINOIS	FED. AID PROJECT			

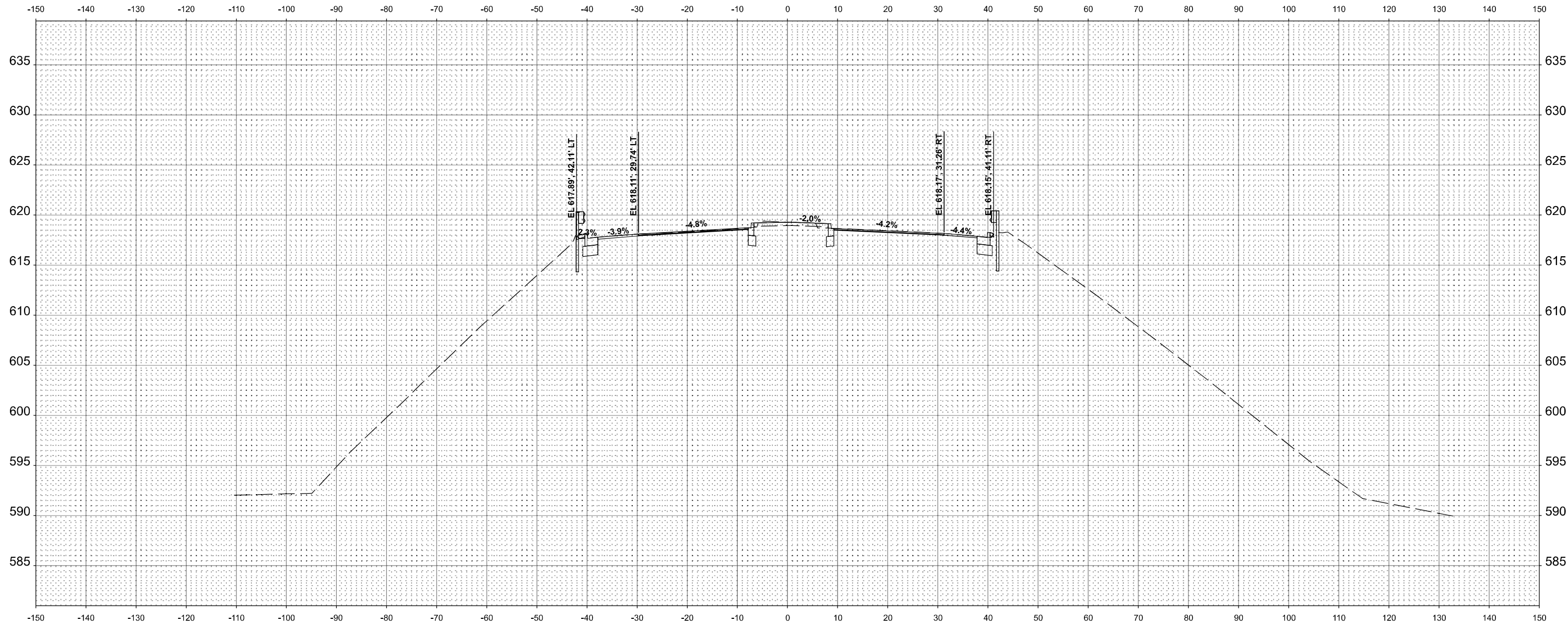
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STA 1005+00.00

 GSG CONSULTANTS, INC. 735 E. FARMINGTON RD. SCHLAUSBURG, IL 60173 TEL: (630) 994-2000 WWW.GSGCONSULTANTS.COM	USER NAME = balbedr	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CROSS SECTIONS			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 0.16666667' / in.	DRAWN -	REVISED -					351	2019-047-TS	WILL	137	125
	PLOT DATE = 2/9/2024	CHECKED -	REVISED -		SCALE: SHEET 44 OF 56 SHEETS STA. TO STA.			CONTRACT NO. 62U76				
		DATE -	REVISED -					ILLINOIS FED. AID PROJECT				

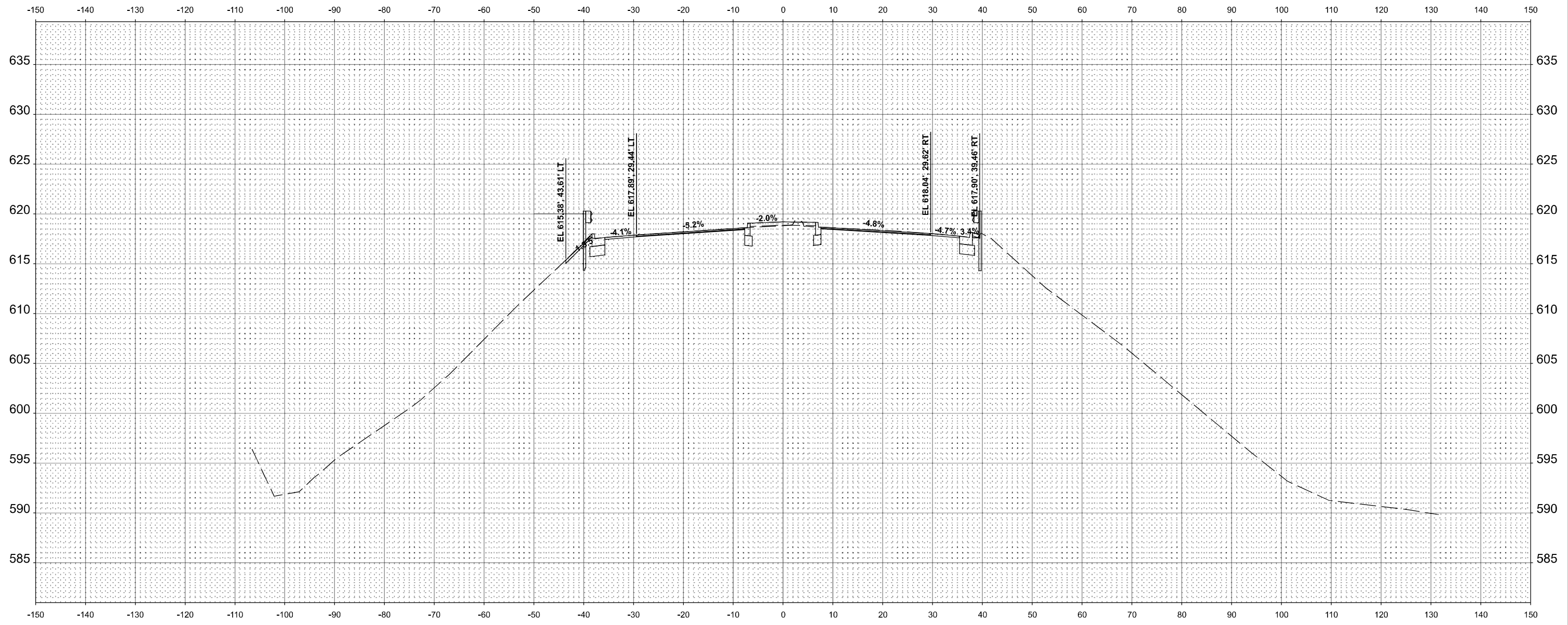
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PROJECT: ILLINOIS STATE DEPARTMENT OF TRANSPORTATION
DRAWING: STA 1006+00.00
DATE: 2/9/2024



STA 1006+00.00

 GSG CONSULTANTS, INC. 735 E. FARMINGTON RD. SCHLAUSBURG, IL 60173 TEL: (630) 994-2000 WWW.GSGCONSULTANTS.COM	USER NAME = baibadr	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CROSS SECTIONS					F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -								351	2019-047-TS	WILL	137
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	PLOT DATE = 2/9/2024	DATE -	REVISED -		ILLINOIS FED. AID PROJECT									
					SCALE:	SHEET 46	OF 56 SHEETS	STA.	TO STA.					

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STA 1007+00.00

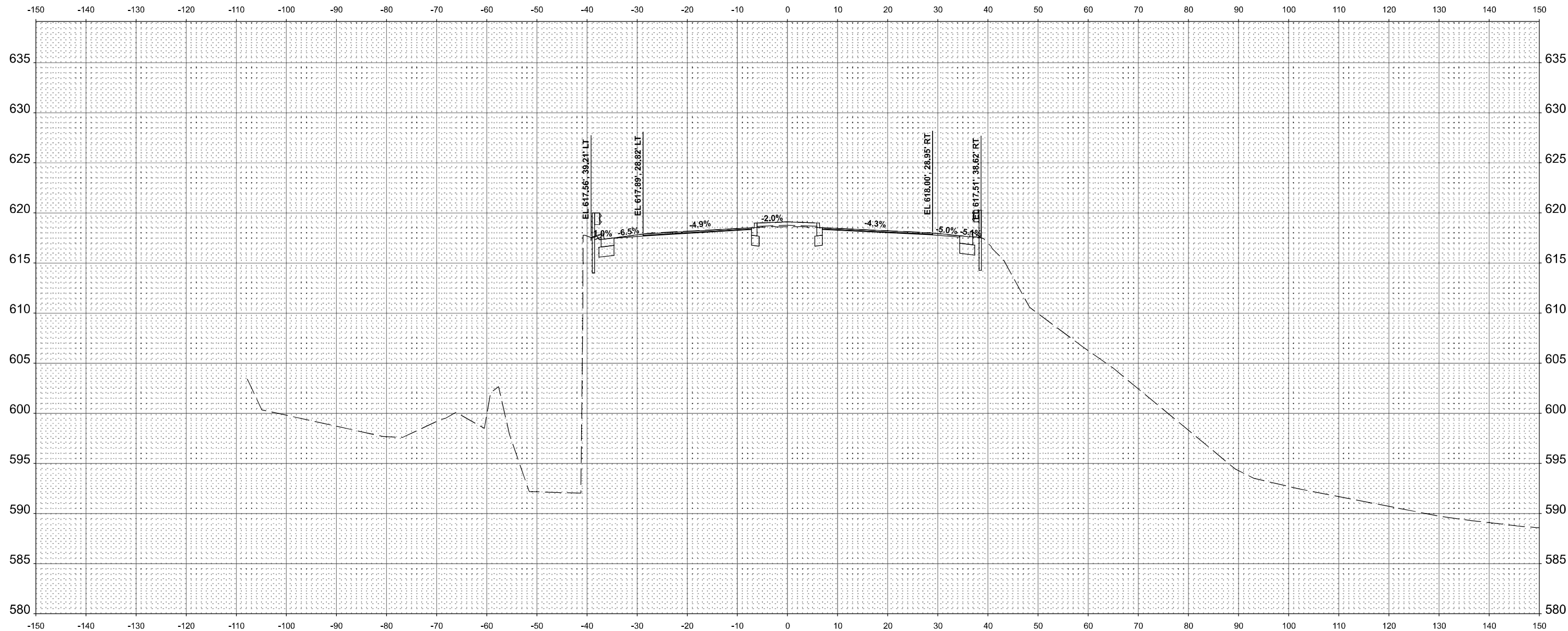
 GSG CONSULTANTS, INC. 735 E. FARMINGTON RD. SCHAMBOURG, IL 60193 TEL: (833) 994-2000 WWW.GSGCONSULTANTS.COM	USER NAME = baibadr	DESIGNED -	REVISED -
		DRAWN -	REVISED -
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	PLOT DATE = 2/9/2024	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS			
SCALE:	SHEET 48	OF 56 SHEETS	STA. TO STA.

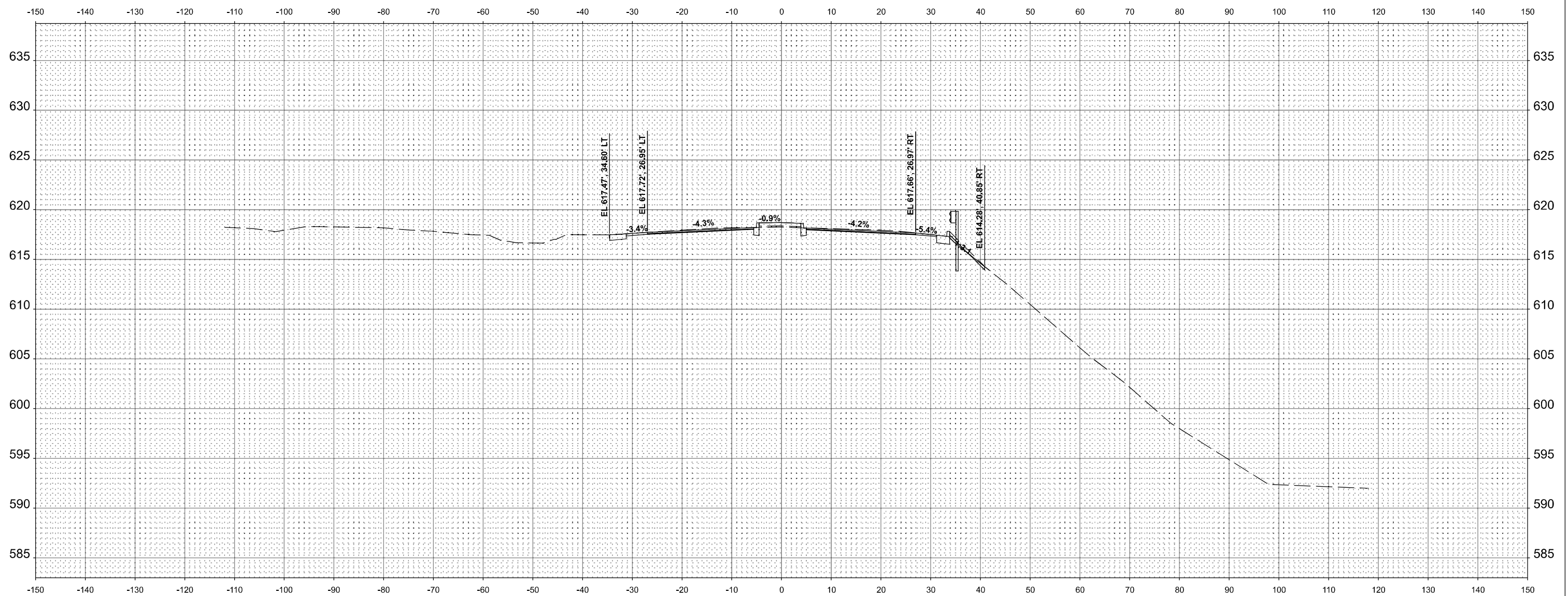
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
351	2019-047-TS	WILL	137	129
CONTRACT NO. 62U76				
ILLINOIS		FED. AID PROJECT		

MODEL: IL_S3_C1-5-1007+50.00
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STA 1007+50.00

 GSG CONSULTANTS, INC. 735 E. FARMINGTON RD. SCHLAUSBURG, IL 60173 TEL: (630) 994-2000 WWW.GSGCONSULTANTS.COM	USER NAME = baibadr		DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION CROSS SECTIONS SCALE: SHEET 49 OF 56 SHEETS STA. TO STA.				F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	DRAWN -		CHECKED -	REVISED -					351	2019-047-TS	WILL	137	130
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	PLOT DATE = 2/9/2024		DATE -	REVISED -					ILLINOIS FED. AID PROJECT				



STA 1009+00.00

USER NAME = balbdr	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 0,16666667' / in.	CHECKED -	REVISED -
PLOT DATE = 2/9/2024	DATE -	REVISED -

CROSS SECTIONS

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
351	2019-047-TS	WILL	137	133
		CONTRACT NO. 62U76		
ILLINOIS		FED. AID PROJECT		



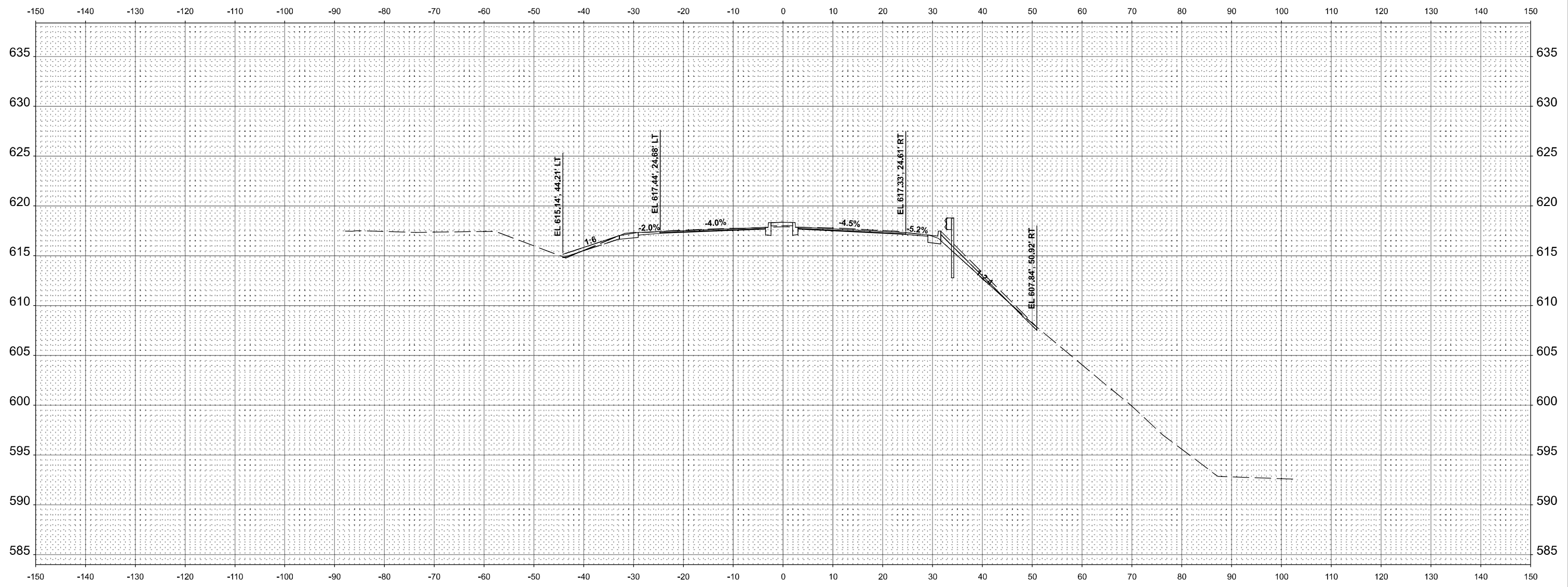
 GSG CONSULTANTS, INC. 730 E. WASHINGTON RD., SCHAMLIER, IL 60173 TEL: (630) 994-2000 WWW.GSG-CONSULTANTS.COM	USER NAME = balbedr	DESIGNED -	REVISED -
	PLOT SCALE = 0.16666667' / In.	DRAWN -	REVISED -
	PLOT DATE = 2/9/2024	CHECKED -	REVISED -
		DATE -	REVISED -

CROSS SECTIONS

SCALE:	SHEET 53	OF 56	SHEETS	STA.	TO STA.
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F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
351	2019-047-TS	WILL	137	134
		CONTRACT NO. 62U76		
ILLINOIS		FED. AID PROJECT		

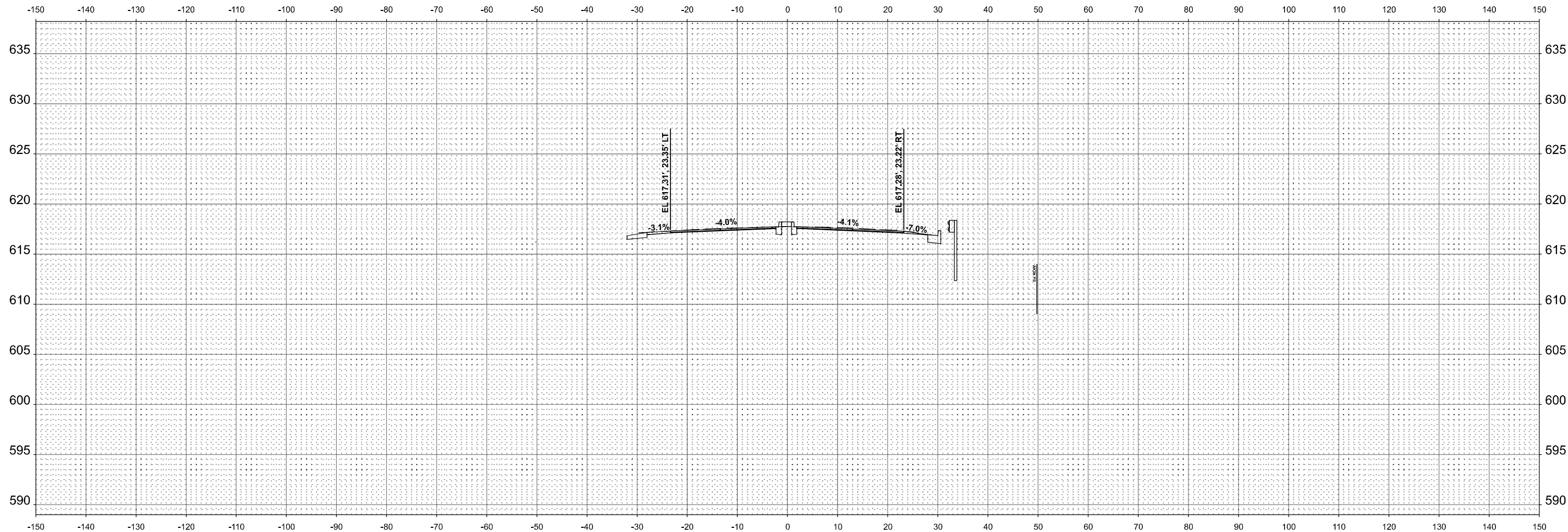
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STA 1010+00.00

 GSG CONSULTANTS, INC. 735 E. FARMINGTON RD. SCHMIDT, IL 60073 TEL: (833) 994-2000 WWW.GSGCONSULTANTS.COM	USER NAME = baibadr		DESIGNED -		REVISED -		STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION CROSS SECTIONS SCALE: SHEET 54 OF 56 SHEETS STA. TO STA.				F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.				
	DRAWN -		REVISED -		REVISED -						351	2019-047-TS	WILL	137	135				
	PLOT SCALE = 0.1666667' / in.		CHECKED -		REVISED -						CONTRACT NO. 62U76								
	PLOT DATE = 2/9/2024		DATE -		REVISED -						ILLINOIS FED. AID PROJECT								

MODEL: IL_S3_C1-5-1010+50.00
FILE NAME: p:\projects\p1010+50.00\1010+50.00\Drawings\CD\1010+50.00\1010+50.00.dgn



STA 1010+50.00

 GSG CONSULTANTS, INC. 735 E. FARMINGTON RD. SCHMIDT, IL 60173 TEL: (833) 994-2000 WWW.GSGCONSULTANTS.COM	USER NAME = balbedr	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION				CROSS SECTIONS				F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	DRAWN -		REVISED -									351	2019-047-TS	WILL	137	136
	PLOT SCALE = 0.1666667" / in.	CHECKED -	REVISED -									CONTRACT NO. 62U76				
	PLOT DATE = 2/9/2024	DATE -	REVISED -									ILLINOIS FED. AID PROJECT				
								SCALE:	SHEET 55	OF 56	SHEETS	STA.	TO STA.			

