

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.P. RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	2018-133-BR	COOK	308	1
* 308 + 1 = 309 TOTAL SHEETS			CONTRACT NO. 62H49	

FOR INDEX OF SHEETS, SEE SHEET NO. 3

THIS PROJECT IS LOCATED IN THE CITY OF COUNTRYSIDE AND THE VILLAGES OF WILLOW SPRINGS, JUSTICE AND HODGKINS

TRAFFIC DATA

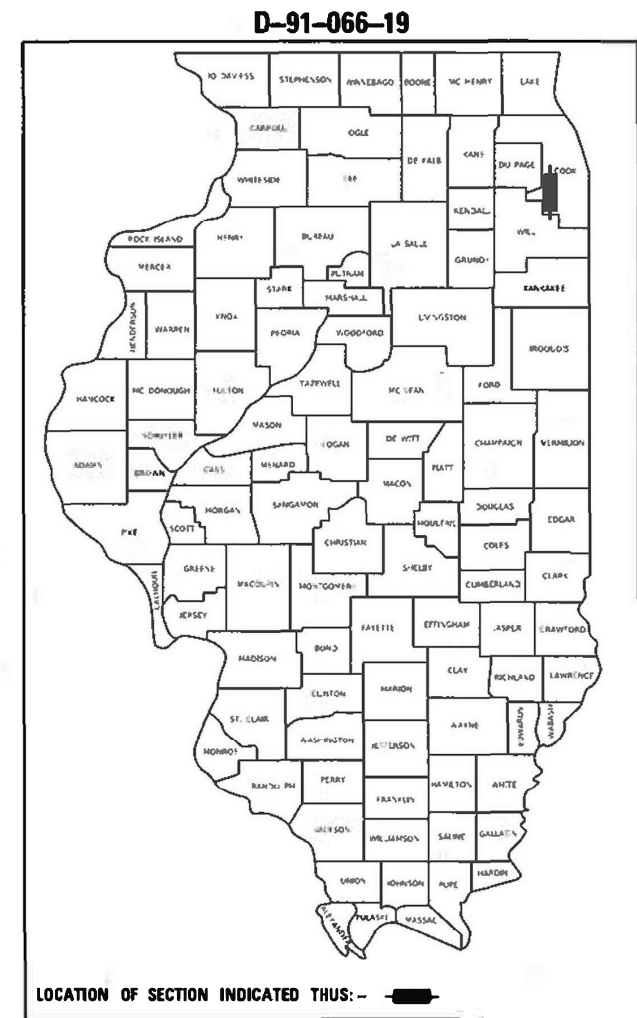
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POSTED SPEED = 45 MPH
ADT = 80,500 (2017)

FUNCTIONAL CLASSIFICATION

OTHER PRINCIPAL ARTERIAL

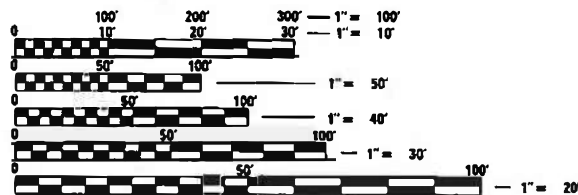
F.A.P. 330: US ROUTE 12/20/45 (LA GRANGE ROAD)
SECTION 2018-133-BR
PROJECT NHPP-6TOL(343)

BRIDGE NEW DECK, BRIDGE REPAIR, LIGHTING AND SCOUR MITIGATION
OVER SANTA FE DR, S&S CANAL, IM CANAL AND ICG RR
COOK COUNTY



PLANS PREPARED BY:

CIVILTECH
Two Pierce Place, Suite 1400 - Itasca, Illinois 60143
Tel: 630.773.3900 - Fax: 630.773.3975
www.civiltechinc.com



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

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

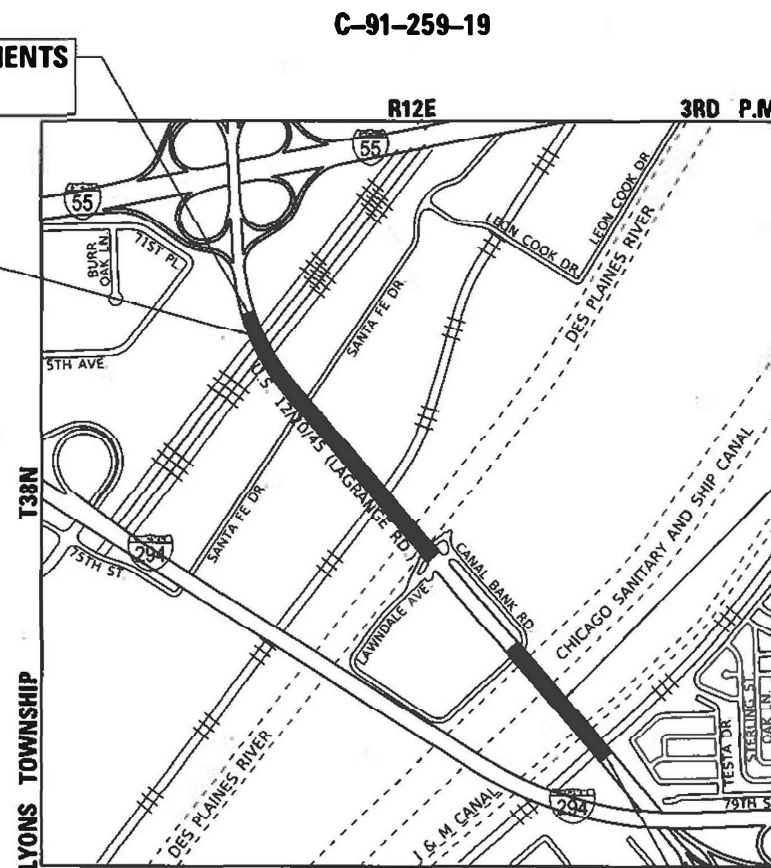
PROJECT ENGINEER MR. SUNG BYUN (847) 705-4288
PROJECT MANAGER MS. KIM HARVEY, P.E. (847) 705-4055

CONTRACT NO. 62H49

END IMPROVEMENTS
STA. 88 + 86

BRIDGE DECK
REPLACEMENT
SN 016-2467

PROJECT OMISSION
STA 45 + 30.9 TO STA 54 + 74.3



LOCATION MAP
(NOT TO SCALE)

BRIDGE DECK
REPLACEMENT
SN 016-2468

BEGIN IMPROVEMENTS
STA. 31 + 02.8

GROSS LENGTH = 5224.38 FT. = 0.989 MILE
NET LENGTH = 4277.28 FT. = 0.810 MILE

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUBMITTED October 18, 2021
Jon Biondo
REGIONAL ENGINEER

December 10, 2021
[Signature]
ENGINEER OF DESIGN AND ENVIRONMENT

December 10, 2021
Stephen M. Smith
DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

PRINTED BY THE AUTHORITY
OF THE STATE OF ILLINOIS



Derek N. MALL

10/7/2021 DATE

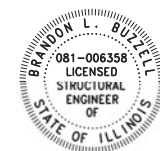
DEREK N. MALL, P.E.
CIVILTECH ENGINEERING, INC.
NO.:062-051308
EXP. DATE: 11-30-2021
APPLY TO SHEETS:
1- 39 , 63-73, 107-114, 292-308



Gregory J. Hatlestad

10/7/2021 DATE

GREGORY J. HATLESTAD, P.E, S.E
CIVILTECH ENGINEERING, INC.
NO.:081-005562
EXP. DATE: 11-30-2022
APPLY TO SHEETS:
188-241



Brandon Buzzell

10/7/2021 DATE

BRANDON L. BUZZELL, P.E, S.E
BAXTER & WOODMAN
NO.:081-006358
EXP. DATE: 11-30-2022
APPLY TO SHEETS:
115-187



Jennifer Morales

10/6/2021 DATE

JENNIFER S. MORALES
PERALTE-CLARK, LLC
NO.:062-059182
EXP. DATE: 11-30-2021
APPLY TO SHEETS:
40-62, 74-83



Hamja S. Master

10/5/2021 DATE

HAMJA S. MASTER
DELTA ENGINEERING GROUP, LLC
NO.:062-040209
EXP. DATE: 11-30-2021
APPLY TO SHEETS:
84-106

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USER NAME ■ mic	DESIGNED -	REVISED -
PLOT SCALE ■ 2,0000' / in.	DRAWN -	REVISED -
PLOT DATE ■ 9/20/2021	CHECKED -	REVISED -
	DATE - 06/18/2021	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROFESSIONAL SEALS

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	2018-133-BR	COOK	308	2
				CONTRACT NO. 62H49
		ILLINOIS	FED. AID PROJECT	

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NONE

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 542301-03 PRECAST REINFORCED CONCRETE FLARED END SECTION
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HIGHWAY STANDARDS (CONT'D)

701423-10 LANE CLOSURE, MULTILANE, WITH BARRIER, FOR SPEEDS > 45 MPH TO 55 MPH
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 780001-05 TYPICAL PAVEMENT MARKINGS
 781001-04 TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS
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GENERAL NOTES

- BEFORE STARTING ANY EXCAVATION, THE CONTRACTOR SHALL CALL JULIE AT (800) 892-0123 OR 811 TO DETERMINE WHICH UTILITIES ARE WITHIN THE AREA. 48 HOUR NOTIFICATION IS REQUIRED.
- THE CONTRACTOR SHALL COORDINATE CONSTRUCTION ACTIVITIES WITH UTILITY COMPANIES AND GOVERNMENT AGENCIES.
- MEMBERS OF JULIE KNOWN TO BE WITHIN THE LIMITS OF IMPROVEMENT ARE:

 AT&T, BP, BUCKEYE PARTNERS, COMED, ENTERPRISE PRODUCTS, ILLINOIS AMERICAN WATER, MARATHON PIPE LINE, KINDER MORGAN, MCI, METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO, NICOR, SHELL, WEST SHORE PIPELINE, ZAYO COMMUNICATIONS

 AT&T HAS A DUCT ATTACHED TO THE UNDERSIDE OF STRUCTURE 016-2468 BRIDGE DECK. THE CONTRACTOR SHALL COORDINATE WITH AT&T REGARDING THE REMOVAL AND REPLACEMENT OF THE DUCT DURING CONSTRUCTION.
- THE LOCATIONS OF EXISTING UTILITIES SHOWN ON THE PLANS ARE BASED ON THE FIELD INVESTIGATIONS AND THE BEST INFORMATION AVAILABLE, BUT THEY ARE NOT GUARANTEED. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO ASCERTAIN THEIR EXACT LOCATIONS FROM THE UTILITY COMPANIES AND BY THE FIELD INSPECTION.
- THE CONTRACTOR SHALL OBTAIN APPROVAL BY THE U.S. COAST GUARD PRIOR TO THE CONSTRUCTION ACTIVITIES IF THE PROPOSED STRUCTURE MODIFICATIONS/REPAIRS TEMPORARILY BLOCK OR ARE OVER THE NAVIGATION CHANNEL.
- THE CONTRACTOR WILL NOT BE ALLOWED TO SET UP A YARD OR FIELD OFFICE ON STATE PROPERTY WITHOUT WRITTEN PERMISSION FROM THE DEPARTMENT.
- WHEN ARTIFICIAL LIGHTING IS UTILIZED IN NIGHT OPERATIONS THE CONTRACTOR SHALL EXERCISE THE UTMOST PRECAUTIONS IN PREVENTING ADVERSE VISIBILITY TO THE MOTORING PUBLIC AND ADJACENT RESIDENTIAL AREAS.
- THE CONTRACTOR SHALL CONTACT THE IDOT TRAFFIC CONTROL SUPERVISOR VIA EMAIL AT KALPANA.KANNAN-HOSADURGA@ILLINOIS.GOV A MINIMUM OF 72 HOURS IN ADVANCE OF BEGINNING WORK.
- ALL DIMENSIONS, INCLUDING RADII, ARE GIVEN TO THE EDGE OF PAVEMENT UNLESS OTHERWISE NOTED.
- IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY ALL DIMENSIONS AND CONDITIONS EXISTING IN THE FIELD PRIOR TO ORDERING MATERIALS AND BEGINNING CONSTRUCTION.
- ANY REFERENCE TO A STANDARD IN THESE PLANS SHALL BE INTERPRETED TO MEAN THE EDITION AS INDICATED BY THE SUBNUMBER SHOWN IN THE LIST OF STANDARDS OR THE COPY INCLUDED IN THESE PLANS.
- PAVEMENT GRADES: THE ELEVATIONS INDICATED ON THE PLANS ARE FINISHED GRADES OF PROPOSED PAVEMENT, UNLESS OTHERWISE INDICATED.
- THE REMOVAL OF EXISTING GUARDRAIL AND TERMINAL SECTIONS SHALL BE INCLUDED IN THE UNIT PRICE PER FOOT FOR GUARDRAIL REMOVAL.
- DO NOT SCALE PLANS FOR CONSTRUCTION DIMENSIONS.
- MEADE ELECTRIC CO. DISTRICT ONE ELECTRICAL MAINTENANCE CONTRACTOR LOCATES IDOT ELECTRICAL EQUIPMENT AND UNDERGROUND CABLES 733-287-7672.
- CONNECTION OF EXISTING STORM SEWER FROM OR INTO PROPOSED STORM SEWER STRUCTURES SHALL BE INCLUDED IN THE COST OF THE STORM SEWER STRUCTURE. ANY ADDITIONAL STORM SEWER PIPE REQUIRED TO MAKE THE CONNECTION SHALL BE THE SAME SIZE AND MATERIAL TYPE AS THE EXISTING STORM SEWER AND SHALL BE INCLUDED IN THE COST OF THE DRAINAGE STRUCTURE.

GENERAL NOTES (CONT'D)

- THE COST OF SAW CUTTING, (FULL DEPTH) SHALL BE INCLUDED IN THE UNIT PRICES FOR THE VARIOUS REMOVAL PAY ITEMS.
- THE CONTRACTOR SHALL PROTECT EXISTING AND NEW UTILITIES AND SHALL BRACE AND SUPPORT THE UTILITIES PROPERLY IN ORDER TO PREVENT SETTLEMENT, DISPLACEMENT, OR DAMAGE TO THE UTILITIES. THE PROTECTION OF THE UTILITIES AS SPECIFIED HEREIN WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED INCLUDED IN THE CONTRACT.
- THE CONTRACTOR SHALL TAKE CARE IN REMOVING OR EXCAVATING NEAR ALL EXISTING ITEMS WHICH WILL REMAIN. ANY DAMAGE DONE TO EXISTING ITEMS BY THE CONTRACTOR SHALL BE REPAIRED AT THE CONTRACTOR'S EXPENSE.
- THE CONTRACTOR SHALL OBTAIN ALL NECESSARY PERMITS, AS REQUIRED, PRIOR TO COMMENCING WITH CONSTRUCTION. ANY COST ASSOCIATED WITH OBTAINING THESE PERMITS SHALL BE CONSIDERED INCLUDED IN THE CONTRACT UNIT PRICE FOR THE ITEMS BEING INSTALLED.
- POLLUTION CONTROL: THE CONTRACTOR SHALL BE REQUIRED TO COMPLY WITH STATE REGULATIONS REGARDING AIR, WATER, AND NOISE POLLUTION. THIS WORK WILL NOT BE PAID FOR SEPARATELY AND SHALL BE CONSIDERED INCLUDED IN THE COST OF THE CONTRACT.
- THE CONTRACTOR IS RESPONSIBLE FOR MAINTAINING DRAINAGE THROUGHOUT THE CONSTRUCTION OF THIS PROJECT. THIS WORK WILL NOT BE PAID FOR SEPARATELY AND SHALL BE CONSIDERED INCLUDED IN THE COST OF THE CONTRACT.
- NO WORK SHALL COMMENCE UNTIL TRAFFIC CONTROL REQUIREMENTS ARE MET.
- THE ENGINEER SHALL CONTACT EMAD ALHUSSEINI, IDOT'S DISTRICT ONE AREA TRAFFIC FIELD ENGINEER, VIA EMAIL AT EMAD.ALHUSSEINI@ILLINOIS.GOV, A MINIMUM OF TWO (2) WEEKS PRIOR TO THE PLACEMENT OF PERMANENT PAVEMENT MARKINGS.
- UNLESS OTHERWISE NOTED IN THE PLANS OR CONTRACT SPECIFICATIONS, THE CONTRACTOR SHALL SURVEY THE TOP OF RAIL OF EACH RAILROAD TRACK A MINIMUM OF 1000-FT ON EACH SIDE OF THE OVERPASS STRUCTURE IN 50' INCREMENTS BEFORE BEGINNING CONSTRUCTION, AND COMPARE IT TO THE ALIGNMENT AND THE TOP OF RAIL PROFILES SHOWN ON THE PLANS. ALL DISCREPANCIES BETWEEN SURVEY AND INFORMATION SHOWN IN THE PLANS SHALL BE NOTED AND BROUGHT TO THE ATTENTION OF THE ENGINEER AND THE RAILROAD PRIOR TO CONSTRUCTION. IN ADDITION, UPON COMPLETION OF EACH STRUCTURE, THE CONTRACTOR SHALL MEASURE THE RESULTING HORIZONTAL AND VERTICAL CLEARANCES AND SUBMIT THEM TO THE ENGINEER FOR REVIEW AND INCLUSION IN THE RECORD DRAWINGS. (THIS WORK SHALL BE INCLUDED IN THE COST OF CONSTRUCTION LAYOUT).
- BEFORE BEGINNING ANY WORK THE CONTRACTOR SHALL RETAIN AND RECORD FOR FUTURE REFERENCE, ALL PAVEMENT MARKING LINES IN ORDER THAT THESE LOCATIONS CAN BE RE-ESTABLISHED FOR STRIPPING.
- THE CONTRACTOR SHALL REQUEST AND GAIN APPROVAL FROM THE ILLINOIS DEPARTMENT OF TRANSPORTATION'S EXPRESSWAY TRAFFIC OPERATIONS ENGINEER AT WWW.IDOTLCS.COM TWENTY-FOUR (24) HOURS IN ADVANCE OF ALL DAILY LANE, RAMP AND SHOULDER CLOSURES AND 7 DAYS IN ADVANCE OF ALL PERMANENT AND WEEKEND CLOSURES ON ALL FREEWAYS AND/OR EXPRESSWAYS IN DISTRICT ONE. THIS ADVANCE NOTIFICATION IS CALCULATED BASED ON WORKWEEK OF MONDAY THROUGH FRIDAY AND SHALL NOT INCLUDE WEEKENDS OR HOLIDAYS.
- IDOT 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.
- THIS PROJECT REQUIRES A US ARMY CORPS OF ENGINEERS (USACE) 404 PERMIT THAT WILL BE SECURED BY THE DEPARTMENT. AS A CONDITION OF THIS PERMIT, THE CONTRACTOR WILL NEED TO SUBMIT AN IN-STREAM WORK PLAN TO THE DEPARTMENT FOR APPROVAL. GUIDELINES ON ACCEPTABLE IN-STREAM WORK TECHNIQUES CAN BE FOUND ON THE USACE WEBSITE. THE USACE DEFINES AND DETERMINES IN-STREAM WORK. THE COST OF ALL MATERIALS AND LABOR NECESSARY TO COMPLY WITH THE ABOVE PROVISIONS TO PREPARE AND IMPLEMENT AN IN-STREAM WORK PLAN WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED AS INCLUDED IN THE UNIT BID PRICES OF THE CONTRACT AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

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 Two Pierce Place, Suite 1400 Itasca, Illinois 60143 Tel: 630.773.9900 Fax: 630.773.9975 www.civiltechinc.com	USER NAME = mc	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	INDEX OF SHEETS, GENERAL NOTES AND LIST OF STATE STANDARDS				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 2.0000' / in.	CHECKED -	REVISED -		330	2018-133-BR	COOK	308	3				
PLOT DATE = 11/22/2021	DATE = 10/21/2021	REVISED -	SCALE: N.T.S				SHEET 1	OF 1	SHEETS	STA.	TO STA.		
												ILLINOIS FED. AID PROJECT	

80% FED/20% STATE

CONSTRUCTION CODE

URBAN

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE			
				ROADWAY 0004	BRIDGE 0013 016-2467	BRIDGE 0013 016-2468	HIGHWAY LIGHTING 0021
20101000	TEMPORARY FENCE	FOOT	1,529	1,529			
20200100	EARTH EXCAVATION	CU YD	1,515	1,515			
20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	168	168			
20400800	FURNISHED EXCAVATION	CU YD	165	165			
20800150	TRENCH BACKFILL	CU YD	36	36			
* 21101625	TOPSOIL FURNISH AND PLACE, 6"	SQ YD	6,396	6,396			
* 25000210	SEEDING, CLASS 2A	ACRE	2.00	2.00			
* 25000312	SEEDING, CLASS 4A	ACRE	3.25	3.25			
* 25000400	NITROGEN FERTILIZER NUTRIENT	POUND	50	50			
* 25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	50	50			
* 25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	50	50			
* 25003310	INTERSEEDING, CLASS 4	ACRE	4.00	4.00			
* 25100115	MULCH, METHOD 2	ACRE	3.00	3.00			
* 25100630	EROSION CONTROL BLANKET	SQ YD	14,203	14,203			
* 25200200	SUPPLEMENTAL WATERING	UNIT	37	37			
* 28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	294	294			

* - INDICATES SPECIALITY ITEM

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PLOT DATE = 10/21/2021	DATE - 10/21/2021	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES


SCALE: N.T.S. SHEET 1 OF 12 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	2018-133-BR	COOK	308	4
CONTRACT NO. 62H49				
ILLINOIS FED. AID PROJECT				

				FED/20% STATE			
				CONSTRUCTION CODE			
				URBAN			
CODE NO.	ITEM	UNIT	TOTAL QUANTITY	ROADWAY 0004	BRIDGE 0013 016-2467	BRIDGE 0013 016-2468	HIGHWAY LIGHTING 0021
* 28000400	PERIMETER EROSION BARRIER	FOOT	1,242	1,242			
28000510	INLET FILTERS	EACH	16	16			
28100105	STONE RIPRAP, CLASS A3	SQ YD	12	12			
28100107	STONE RIPRAP, CLASS A4	SQ YD	20	20			
28100207	STONE RIPRAP, CLASS A4	TON	1,212		201	1,011	
* 28200200	FILTER FABRIC	SQ YD	339	32	53	254	
30300112	AGGREGATE SUBGRADE IMPROVEMENT 12"	SQ YD	2,619	2,619			
31101100	SUBBASE GRANULAR MATERIAL, TYPE B	CU YD	662	662			
31101400	SUBBASE GRANULAR MATERIAL, TYPE B 6"	SQ YD	391	391			
31102000	SUBBASE GRANULAR MATERIAL, TYPE C	CU YD	9	9			
35501316	HOT-MIX ASPHALT BASE COURSE, 8"	SQ YD	11	11			
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	234	234			
40604060	HOT-MIX ASPHALT SURFACE COURSE, 1L-9.5, MIX "D", N50	TON	2	2			
40604172	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, 1L-9.5, MIX "E", N70	TON	16	16			
42000070	PAVEMENT CONNECTOR (HMA) FOR BRIDGE APPROACH SLAB	SQ YD	241	241			
44000100	PAVEMENT REMOVAL	SQ YD	2,330	2,330			
44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	11	11			

* - INDICATES SPECIALITY ITEM

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 Two Pierce Place, Suite 1400 Itasca, Illinois 60143 Tel: 630.773.9900 Fax: 630.773.9975 www.civiltechinc.com	USER NAME = mc	DESIGNED -	REVISED -
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	PLOT SCALE = 2.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 10/21/2021	DATE = 10/21/2021	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES			
SCALE: N.T.S.	SHEET 2	OF 12 SHEETS	STA. TO STA.

F.A.P. RTE. 330	SECTION 2018-133-BR	COUNTY COOK	TOTAL SHEETS 308	SHEET NO. 5
				CONTRACT NO. 62H49
ILLINOIS FED. AID PROJECT				

80% FED/20% STATE

CONSTRUCTION CODE

URBAN

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE			
				ROADWAY 0004	BRIDGE 0013 016-2467	BRIDGE 0013 016-2468	HIGHWAY LIGHTING 0021
44000400	GUTTER REMOVAL	FOOT	88	88			
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	1,552	1,552			
44003100	MEDIAN REMOVAL	SQ FT	3,858	3,858			
44004250	PAVED SHOULDER REMOVAL	SQ YD	152	152			
48101620	AGGREGATE SHOULDERS, TYPE B 10"	SQ YD	207	207			
48203029	HOT-MIX ASPHALT SHOULDERS, 8"	SQ YD	146	146			
50102400	CONCRETE REMOVAL	CU YD	264.1		221.6	42.5	
50104000	BRIDGE RAIL REMOVAL	FOOT	8,286		5,535	2,751	
50104701	REMOVAL OF EXISTING CONCRETE DECK NO. 1	EACH	1			1	
50104702	REMOVAL OF EXISTING CONCRETE DECK NO. 2	EACH	1		1		
50157300	PROTECTIVE SHIELD	SQ YD	15,549		12,891	2,658	
50200100	STRUCTURE EXCAVATION	CU YD	276.0		150.0	126.0	
50201121	COFFERDAM (TYPE 2) (LOCATION - 1)	EACH	1			1	
50201122	COFFERDAM (TYPE 2) (LOCATION - 2)	EACH	1			1	
50201123	COFFERDAM (TYPE 2) (LOCATION - 3)	EACH	1		1		
50300100	FLOOR DRAINS	EACH	16			16	
50300225	CONCRETE STRUCTURES	CU YD	311.0		252.2	58.8	

* - INDICATES SPECIALITY ITEM

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

SCALE: N.T.S. SHEET 3 OF 12 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	2018-133-BR	COOK	308	6
				CONTRACT NO. 62H49
ILLINOIS FED. AID PROJECT				

80% FED/20% STATE

CONSTRUCTION CODE

URBAN

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE			
				ROADWAY 0004	BRIDGE 0013 016-2467	BRIDGE 0013 016-2468	HIGHWAY LIGHTING 0021
50300255	CONCRETE SUPERSTRUCTURE	CU YD	6,639.3		4,462.1	2,177.2	
50300300	PROTECTIVE COAT	SQ YD	23,066		15,346	7,720	
50301350	CONCRETE SUPERSTRUCTURE (APPROACH SLAB)	CU YD	244.9		123.3	121.6	
50500405	FURNISHING AND ERECTING STRUCTURAL STEEL	POUND	12,995		2,585	10,410	
50500505	STUD SHEAR CONNECTORS	EACH	38,662		24,832	13,830	
50800205	REINFORCEMENT BARS, EPOXY COATED	POUND	1,630,940		1,071,900	559,040	
50800515	BAR SPLICERS	EACH	186		98	88	
51500100	NAME PLATES	EACH	2		1	1	
52000110	PREFORMED JOINT STRIP SEAL	FOOT	613		442	171	
52100010	ELASTOMERIC BEARING ASSEMBLY, TYPE I	EACH	48			48	
52100020	ELASTOMERIC BEARING ASSEMBLY, TYPE II	EACH	6		6		
52100030	ELASTOMERIC BEARING ASSEMBLY, TYPE III	EACH	6			6	
52100505	ANCHOR BOLTS, 5/8"	EACH	72			72	
52100520	ANCHOR BOLTS, 1"	EACH	60		24	36	
52100530	ANCHOR BOLTS, 1 1/4"	EACH	376		376		
52318802	DRAINAGE SYSTEM FOR STRUCTURES	LSUM	1		1		
54210182	PIPE ELBOW, 12"	EACH	4	4			

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

SCALE: N.T.S. SHEET 4 OF 12 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	2018-133-BR	COOK	308	7
CONTRACT NO. 62H49				
ILLINOIS FED. AID PROJECT				

80% FED/20% STATE

CONSTRUCTION CODE

URBAN

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE			
				ROADWAY 0004	BRIDGE 0013 016-2467	BRIDGE 0013 016-2468	HIGHWAY LIGHTING 0021
54213657	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 12"	EACH	4	4			
54213663	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 18"	EACH	1	1			
5421A012	PIPE CULVERTS, CLASS A, TYPE 1 12" (TEMPORARY)	FOOT	318	318			
550A0050	STORM SEWERS, CLASS A, TYPE 1 12"	FOOT	86	86			
550A0340	STORM SEWERS, CLASS A, TYPE 2 12"	FOOT	37	37			
550A0360	STORM SEWERS, CLASS A, TYPE 2 15"	FOOT	21	21			
550A0680	STORM SEWERS, CLASS A, TYPE 3 18"	FOOT	18	18			
55100500	STORM SEWER REMOVAL 12"	FOOT	195	195			
55100700	STORM SEWER REMOVAL 15"	FOOT	18	18			
55100900	STORM SEWER REMOVAL 18"	FOOT	18	18			
58600101	GRANULAR BACKFILL FOR STRUCTURES	CU YD	235		119	116	
58700300	CONCRETE SEALER	SQ FT	2,149		1,043	1,106	
59000200	EPOXY CRACK INJECTION	FOOT	155		26	129	
59100100	GEOCOMPOSITE WALL DRAIN	SQ YD	143		79	64	
60100945	PIPE DRAINS 12"	FOOT	131	131			
60146304	PIPE UNDERDRAINS FOR STRUCTURES 4"	FOOT	277		167	110	

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

SCALE: N.T.S. SHEET 5 OF 12 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	2018-133-BR	COOK	308	8
ILLINOIS FED. AID PROJECT			CONTRACT NO. 62H49	

80% FED/20% STATE

CONSTRUCTION CODE

URBAN

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE			
				ROADWAY 0004	BRIDGE 0013 016-2467	BRIDGE 0013 016-2468	HIGHWAY LIGHTING 0021
60201340	CATCH BASINS, TYPE A, 4' -DIAMETER, TYPE 24 FRAME AND GRATE	EACH	6	6			
60250200	CATCH BASINS TO BE ADJUSTED	EACH	3	3			
60252800	CATCH BASINS TO BE RECONSTRUCTED	EACH	3	3			
60500060	REMOVING INLETS	EACH	6	6			
60602800	CONCRETE GUTTER, TYPE B	FOOT	88	88			
60603800	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12	FOOT	714	714			
60604300	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12 (VARIABLE WIDTH GUTTER FLAG)	FOOT	2	2			
60605000	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24	FOOT	165	165			
60619600	CONCRETE MEDIAN, TYPE SB-6.12	SQ FT	1,249	1,249			
61000050	CONCRETE THRUST BLOCKS	EACH	2	2			
*	63000001 STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS	FOOT	612.5	612.5			
*	63100045 TRAFFIC BARRIER TERMINAL, TYPE 2	EACH	1	1			
*	63100070 TRAFFIC BARRIER TERMINAL, TYPE 5	EACH	2	2			
*	63100085 TRAFFIC BARRIER TERMINAL, TYPE 6	EACH	5	5			
*	63100167 TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	EACH	4	4			
	63200310 GUARDRAIL REMOVAL	FOOT	1,293	1,293			

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

SCALE: N.T.S. SHEET 6 OF 12 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	2018-133-BR	COOK	308	9
				CONTRACT NO. 62H49
		ILLINOIS	FED. AID PROJECT	

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CONSTRUCTION CODE

URBAN

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	ROADWAY 0004	BRIDGE 0013 016-2467	BRIDGE 0013 016-2468	HIGHWAY LIGHTING 0021
63800920	MODULAR GLARE SCREEN SYSTEM, TEMPORARY	FOOT	6,000	6,000			
66900200	NON-SPECIAL WASTE DISPOSAL	CU YD	495	495			
66900530	SOIL DISPOSAL ANALYSIS	EACH	7	7			
66901001	REGULATED SUBSTANCES PRE-CONSTRUCTION PLAN	L SUM	1	1			
66901003	REGULATED SUBSTANCES FINAL CONSTRUCTION REPORT	L SUM	1	1			
66901006	REGULATED SUBSTANCES MONITORING	CAL DA	7	7			
67100100	MOBILIZATION	L SUM	1	1			
70103815	TRAFFIC CONTROL SURVEILLANCE	CAL DA	548	548			
70107025	CHANGEABLE MESSAGE SIGN	CAL DA	1,096	1,096			
70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SQ FT	44,800	44,800			
* 70307120	TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV TAPE	FOOT	98,269	98,269			
* 70307125	TEMPORARY PAVEMENT MARKING - LINE 5" - TYPE IV TAPE	FOOT	5,991	5,991			
* 70307140	TEMPORARY PAVEMENT MARKING - LINE 8" - TYPE IV TAPE	FOOT	10,755	10,755			
* 70307160	TEMPORARY PAVEMENT MARKING - LINE 12"- TYPE IV TAPE	FOOT	1,572	1,572			
70400100	TEMPORARY CONCRETE BARRIER	FOOT	7,137.5	7,137.5			
70400200	RELOCATE TEMPORARY CONCRETE BARRIER	FOOT	3,675.0	3,675.0			
70600280	IMPACT ATTENUATORS, TEMPORARY (SEVERE USE,NARROW), TEST LEVEL 3	EACH	7	7			
70600370	IMPACT ATTENUATORS, RELOCATE (SEVERE USE,NARROW), TEST LEVEL 3	EACH	3	3			

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: N.T.S. SHEET 7 OF 12 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	2018-133-BR	COOK	308	10
CONTRACT NO. 62H49			ILLINOIS FED. AID PROJECT	

80% FED/20% STATE

CONSTRUCTION CODE

URBAN

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE			
				ROADWAY 0004	BRIDGE 0013 016-2467	BRIDGE 0013 016-2468	HIGHWAY LIGHTING 0021
	72501000	TERMINAL MARKER - DIRECT APPLIED	EACH	4	4		
*	78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	37	37		
*	78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	16,513	16,513		
*	78000500	THERMOPLASTIC PAVEMENT MARKING - LINE 8"	FOOT	1,430	1,430		
*	78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	330	330		
*	78003137	PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - LINE 7"	FOOT	4,185	4,185		
*	78009000	MODIFIED URETHANE PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	182	182		
*	78009004	MODIFIED URETHANE PAVEMENT MARKING - LINE 4"	FOOT	114,137	114,137		
*	78009005	MODIFIED URETHANE PAVEMENT MARKING - LINE 5"	FOOT	5,991	5,991		
*	78009008	MODIFIED URETHANE PAVEMENT MARKING - LINE 8"	FOOT	10,755	10,755		
*	78009012	MODIFIED URETHANE PAVEMENT MARKING - LINE 12"	FOOT	1,572	1,572		
*	78011040	GROOVING FOR RECESSED PAVEMENT MARKING 8"	FOOT	4,185	4,185		
	78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	580	580		
*	78200006	GUARDRAIL REFLECTORS, TYPE B	EACH	40	40		
*	78200011	BARRIER WALL REFLECTORS, TYPE C	EACH	571	571		
	78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	580	580		
	78300202	PAVEMENT MARKING REMOVAL - WATER BLASTING	SQ FT	11,081	11,081		
*	81100510	CONDUIT ATTACHED TO STRUCTURE, 1 1/2" DIA., PVC COATED GALVANIZED STEEL	FOOT	400			400
*	81200230	CONDUIT EMBEDDED IN STRUCTURE, 2" DIA., PVC	FOOT	3,960			3,960

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

SCALE: N.T.S. SHEET 8 OF 12 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	2018-133-BR	COOK	308	11
				CONTRACT NO. 62H49
ILLINOIS FED. AID PROJECT				

80% FED/20% STATE

CONSTRUCTION CODE

URBAN

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE			
				ROADWAY 0004	BRIDGE 0013 016-2467	BRIDGE 0013 016-2468	HIGHWAY LIGHTING 0021
* 81300320	JUNCTION BOX, STAINLESS STEEL, ATTACHED TO STRUCTURE, 8" X 8" X 6"	EACH	9				9
* 81300530	JUNCTION BOX, STAINLESS STEEL, ATTACHED TO STRUCTURE, 12" X 10" X 6"	EACH	2				2
* 81603090	UNIT DUCT, 600V, 3-1C NO.4, 1/C NO.6 GROUND, (XLP-TYPE USE), 1 1/4" DIA. POLYETHYLENE	FOOT	475				475
* 81702120	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 8	FOOT	1,200				1,200
* 81702130	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 6	FOOT	4,180				4,180
* 81702140	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 4	FOOT	12,640				12,640
* 81800340	AERIAL CABLE, 3-1/C NO. 8 WITH MESSENGER WIRE	FOOT	625				625
* 82110008	LUMINAIRE, LED, ROADWAY, OUTPUT DESIGNATION H	EACH	45				45
* 82200605	WATERWAY OBSTRUCTION WARNING LUMINAIRE, LED	EACH	8				8
* 82600106	OBSTRUCTION WARNING LIGHTING CONTROLLER	EACH	1				1
* 83050800	LIGHT POLE, ALUMINUM, 47.5 FT. M.H., 12 FT. MAST ARM	EACH	18				18
* 84200500	REMOVAL OF LIGHTING UNIT, SALVAGE	EACH	17				17
* 84301201	REMOVAL OF OBSTRUCTION WARNING LIGHTING SYSTEM	L SUM	1				1
* 89502300	REMOVE ELECTRIC CABLE FROM CONDUIT	FOOT	3,765				3,765
X0322936	REMOVE EXISTING FLARED END SECTION	EACH	2	2			

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

SCALE: N.T.S. SHEET 9 OF 12 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	2018-133-BR	COOK	308	12
				CONTRACT NO. 62H49
ILLINOIS FED. AID PROJECT				

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80% FED/20% STATE


CONSTRUCTION CODE

URBAN

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE			
				ROADWAY 0004	BRIDGE 0013 016-2467	BRIDGE 0013 016-2468	HIGHWAY LIGHTING 0021
X0322938	TEMPORARY END SECTION	EACH	2	2			
X0323360	WOODEN POLE REMOVAL	EACH	1	1			
* X0323927	MAINTENANCE OF LIGHTING SYSTEM	EACH	6				6
* X0327004	TEMPORARY WOOD POLE, 60 FT., CLASS 4	EACH	3				3
X1200247	TURBIDITY CURTAIN	SQ YD	1,350	1,350			
* X1400341	REMOVAL OF LUMINARIE, SALVAGE	EACH	27				27
X4401198	HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH	SQ YD	159	159			
X5021310	COFFERDAM EXCAVATION (SPECIAL)	CU YD	840		152	688	
X5030250	BRIDGE DECK GROOVING (LONGITUDINAL)	SQ YD	15,426		10,260	5,166	
X5210140	HIGH LOAD MULTI-ROTATIONAL BEARINGS, GUIDED EXPANSION, 350K	EACH	36		36		
X5210220	HIGH LOAD MULTI-ROTATIONAL BEARINGS, GUIDED EXPANSION, 750K	EACH	18		18		
X5210240	HIGH LOAD MULTI-ROTATIONAL BEARINGS, GUIDED EXPANSION, 900K	EACH	4		4		
X5210365	HIGH LOAD MULTI-ROTATIONAL BEARINGS, FIXED - 750K	EACH	18		18		
X6700410	ENGINEER'S FIELD OFFICE, TYPE A (SPECIAL)	CAL MO	24	24			
X7010216	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	L SUM	1	1			
X7011015	TRAFFIC CONTROL AND PROTECTION (EXPRESSWAYS)	L SUM	1	1			

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

SCALE: N.T.S. SHEET 10 OF 12 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	2018-133-BR	COOK	308	13
			CONTRACT NO. 62H49	
ILLINOIS FED. AID PROJECT				

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CONSTRUCTION CODE

URBAN

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	ROADWAY 0004	BRIDGE 0013 016-2467	BRIDGE 0013 016-2468	HIGHWAY LIGHTING 0021
X720052	REMOVE, STORE AND RE-ERECT SIGN PANEL	SQ FT	130	130			
Z0001899	JACK AND REMOVE EXISTING BEARINGS	EACH	118		64	54	
Z0001905	STRUCTURAL STEEL REPAIR	POUND	98,913		25,073	73,840	
Z0003802	REMOVAL OF EXISTING BEARINGS	EACH	24		24		
Z0004552	APPROACH SLAB REMOVAL	SQ YD	449	449			
Z0012754	STRUCTURAL REPAIR OF CONCRETE (DEPTH EQUAL TO OR LESS THAN 5 INCHES)	SQ FT	2,360		2,010	350	
Z0012755	STRUCTURAL REPAIR OF CONCRETE (DEPTH GREATER THAN 5 INCHES)	SQ FT	220			220	
Z0013798	CONSTRUCTION LAYOUT	L SUM	1	1			
Z0018004	DRAINAGE SCUPPERS, DS-12	EACH	61		61		
Z0018005	DRAINAGE SCUPPERS, DS-12M10	EACH	16			16	
Z0029090	DIAMOND GRINDING (BRIDGE SECTION)	SQ YD	17,231		11,409	5,822	
Z0030850	TEMPORARY INFORMATION SIGNING	SQ FT	274	274			
* Z0033020	LUMINAIRE SAFETY CABLE ASSEMBLY	EACH	45				45
Z0034390	MODULAR EXPANSION JOINT 6"	FOOT	82		41	41	
Z0048665	RAILROAD PROTECTIVE LIABILITY INSURANCE	L SUM	1	1			
Z0062456	TEMPORARY PAVEMENT	SQ YD	1,990	1,990			

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

SCALE: N.T.S. SHEET 11 OF 12 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	2018-133-BR	COOK	308	14
CONTRACT NO. 62H49				
ILLINOIS FED. AID PROJECT				

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CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE			
				URBAN			
				ROADWAY 0004	BRIDGE 0013 016-2467	BRIDGE 0013 016-2468	HIGHWAY LIGHTING 0021
Z0065700	SLOPE WALL REPAIR	SQ YD	500		200	300	
Z0073200	TEMPORARY SHORING AND CRIBBING	EACH	72		72		
Z0073410	TEMPORARY SUPPORT SYSTEM, LOCATION 1	EACH	1			1	
∅ Z0076600	TRAINEES	HOURS	1000	1000			
∅ Z0076604	TRAINEES - TRAINING PROGRAM GRADUATE	HOURS	1000	1000			

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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

SCALE: N.T.S. SHEET 12 OF 12 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	2018-133-BR	COOK	308	15
ILLINOIS FED. AID PROJECT			CONTRACT NO. 62H49	

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




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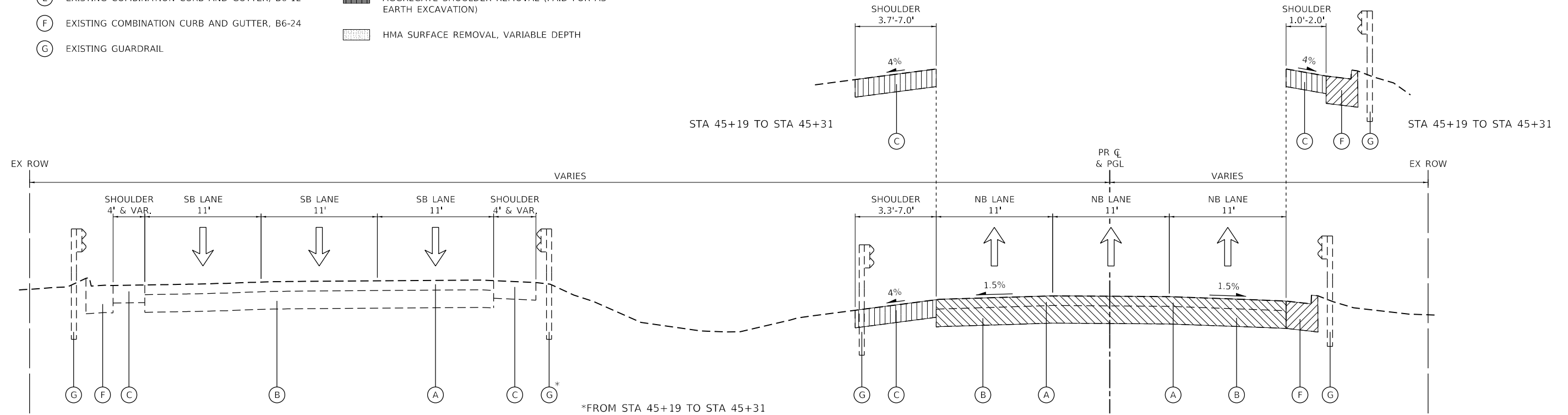
EARTHWORK SCHEDULE OF QUANTITIES - SOUTH CROSSOVER

COMBINED TOTALS	EARTH EX	EXCAVATION USED AS EMBANKMENT. ADJ FOR SHRINKAGE (15%)	EMBANKMENT	EARTHWORK BALANCE WASTE (+) SHORTAGE (-)	NON-SPECIAL WASTE
	CU YD	CU YD	CU YD	CU YD	CU YD
STAGE 1	250.9	213.3	478.8	-265.5	0.0
FINAL	450.5	382.9	203.5	179.4	0.0
TOTAL	701.4 CY	596.2 CY	682.3 CY	-86.1 CY	0.0 CY

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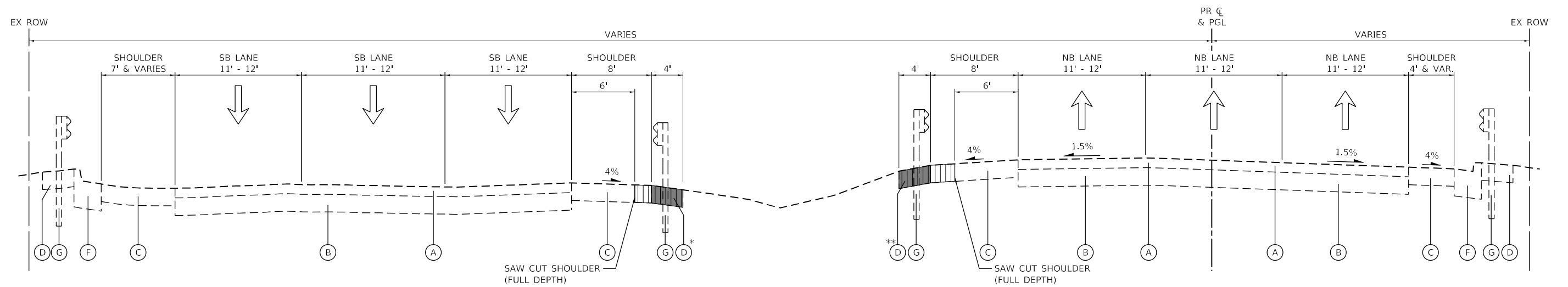
EXISTING LEGEND

- | | |
|-------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------|
| (A) EXISTING HMA PAVEMENT, 5.5" |  CONCRETE MEDIAN REMOVAL |
| (B) EXISTING PCC PAVEMENT, 10" |  COMBINATION CURB AND GUTTER REMOVAL |
| (C) EXISTING SHOULDER, 10" |  PAVEMENT REMOVAL |
| (D) EXISTING AGGREGATE SHOULDER, 10" |  PAVED SHOULDER REMOVAL |
| (E) EXISTING COMBINATION CURB AND GUTTER, B6-12 |  AGGREGATE SHOULDER REMOVAL (PAID FOR AS EARTH EXCAVATION) |
| (F) EXISTING COMBINATION CURB AND GUTTER, B6-24 |  HMA SURFACE REMOVAL, VARIABLE DEPTH |
| (G) EXISTING GUARDRAIL | |



US ROUTE 12/045 (LA GRANGE ROAD) – EXISTING TYPICAL SECTION

STA 31+02 TO STA 31+20
 STA 45+19 TO STA 45+31
 STA 54+74 TO STA 54+92
 (BRIDGE OMISSION STA 31+20 TO STA 45+19)



US ROUTE 12/045 (LA GRANGE ROAD) – EXISTING TYPICAL SECTION

STA 25+80 TO STA 31+02

* REMOVAL FROM STA 27+55 TO STA 28+80
 ** REMOVAL FROM STA 25+82 TO STA 28+20

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




**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

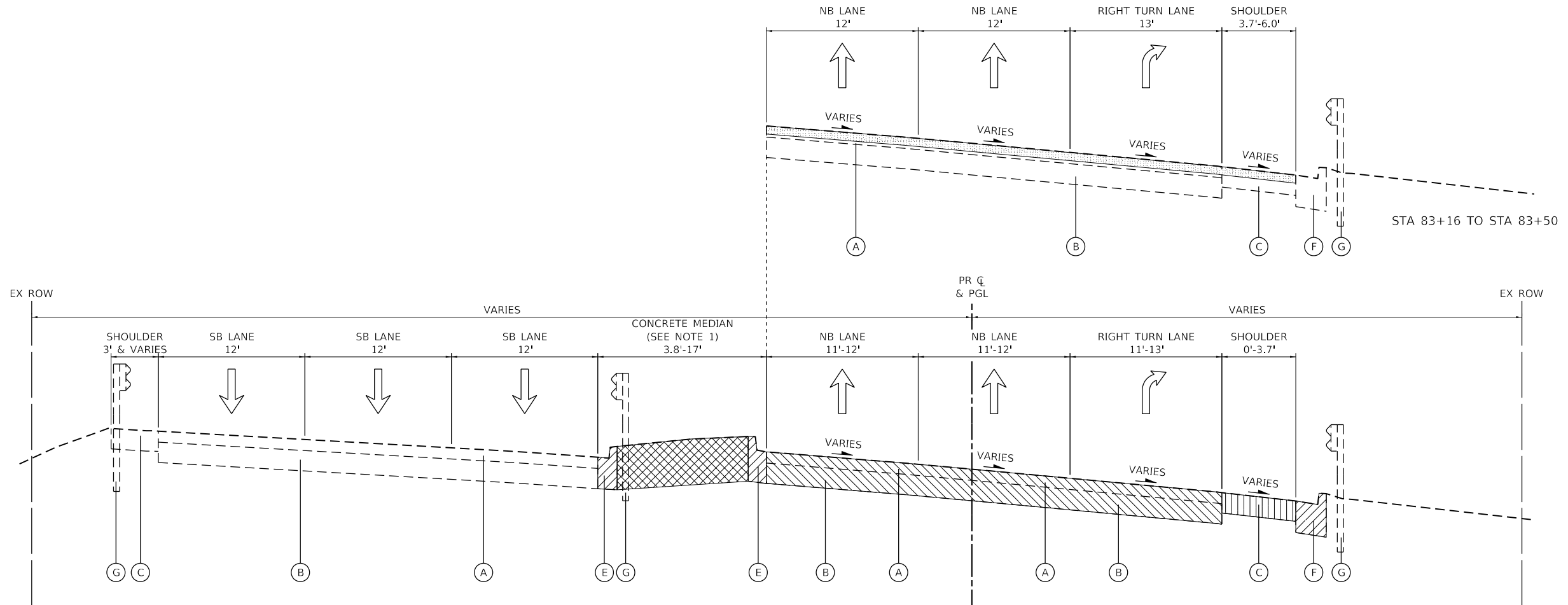
**US 12/045 (LA GRANGE ROAD)
 EXISTING TYPICAL SECTIONS**

SCALE: N.T.S. SHEET 1 OF 2 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	2018-133-BR	COOK	308	17
CONTRACT NO. 62H49				
ILLINOIS FED. AID PROJECT				

EXISTING LEGEND

- | | |
|-------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------|
| (A) EXISTING HMA PAVEMENT, 5.5" |  CONCRETE MEDIAN REMOVAL |
| (B) EXISTING PCC PAVEMENT, 10" |  COMBINATION CURB AND GUTTER REMOVAL |
| (C) EXISTING SHOULDER, 10" |  PAVEMENT REMOVAL |
| (D) EXISTING AGGREGATE SHOULDER, 10" |  PAVED SHOULDER REMOVAL |
| (E) EXISTING COMBINATION CURB AND GUTTER, B6-12 |  AGGREGATE SHOULDER REMOVAL (PAID FOR AS EARTH EXCAVATION) |
| (F) EXISTING COMBINATION CURB AND GUTTER, B6-24 |  HMA SURFACE REMOVAL, VARIABLE DEPTH |
| (G) EXISTING GUARDRAIL | |



US ROUTE 12/20/45 (LA GRANGE ROAD) – EXISTING TYPICAL SECTION

STA 82+86 TO STA 88+86

NOTES

- REMOVAL FROM STA 82+57 TO STA 88+86

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 PLOT: 10/21/2021 10:21:21 AM


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PLOT DATE = 10/21/2021	CHECKED -	REVISED -
	DATE - 10/21/2021	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

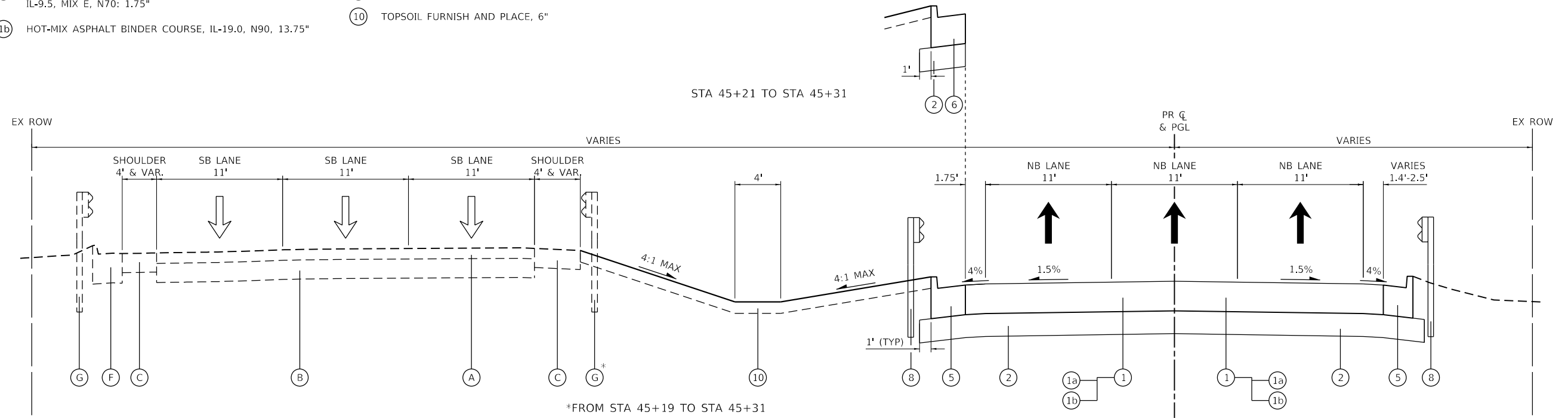
US 12/20/45 (LA GRANGE ROAD)
EXISTING TYPICAL SECTIONS

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	2018-133-BR	COOK	308	18
CONTRACT NO. 62H49				
ILLINOIS FED. AID PROJECT				

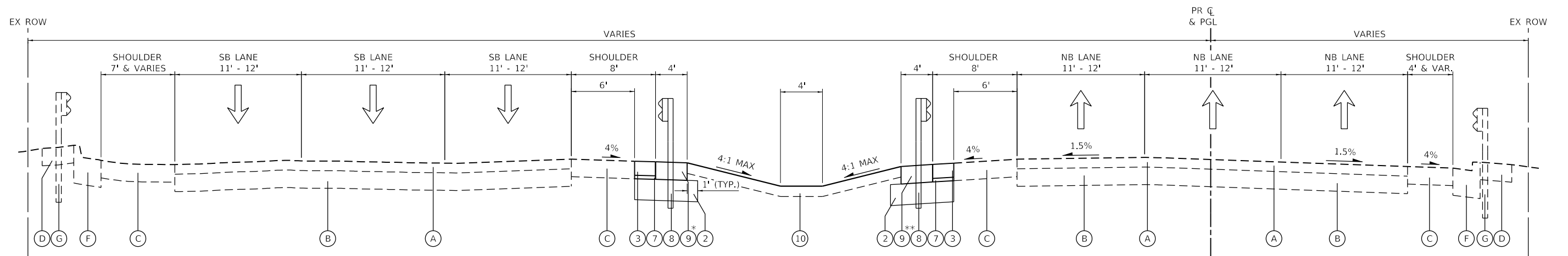
LEGEND

- | | |
|----------------------------------------------------------------------------|-------------------------------------------------------|
| (A) EXISTING HMA PAVEMENT, 5.5" | (2) AGGREGATE SUBGRADE, 12" |
| (B) EXISTING PCC PAVEMENT, 10" | (3) HOT-MIX ASPHALT SHOULDERS, 8" |
| (C) EXISTING SHOULDER, 10" | (4) COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12 |
| (D) EXISTING AGGREGATE SHOULDER, 10" | (5) COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24 |
| (F) EXISTING COMBINATION CURB AND GUTTER, B6-24 | (6) CONCRETE MEDIAN, TYPE SB-6.12 |
| (G) EXISTING GUARDRAIL | (7) SUBBASE GRANULAR MATERIAL, TYPE C |
| (1) PAVEMENT CONNECTOR (HMA) FOR BRIDGE APPROACH SLAB | (8) STEEL PLATE BEAM GUARDRAIL, TYPE A, 6' POSTS |
| (1a) POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX E, N70: 1.75" | (9) AGGREGATE SHOULDERS, TYPE B 10" |
| (1b) HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N90, 13.75" | (10) TOPSOIL FURNISH AND PLACE, 6" |



US ROUTE 12/20/45 (LA GRANGE ROAD) – PROPOSED TYPICAL SECTION

STA 31+02 TO STA 31+12
 STA 45+21 TO STA 45+31
 STA 54+74 TO STA 54+84
 (BRIDGE OMISSION STA 31+12 TO STA 45+21)



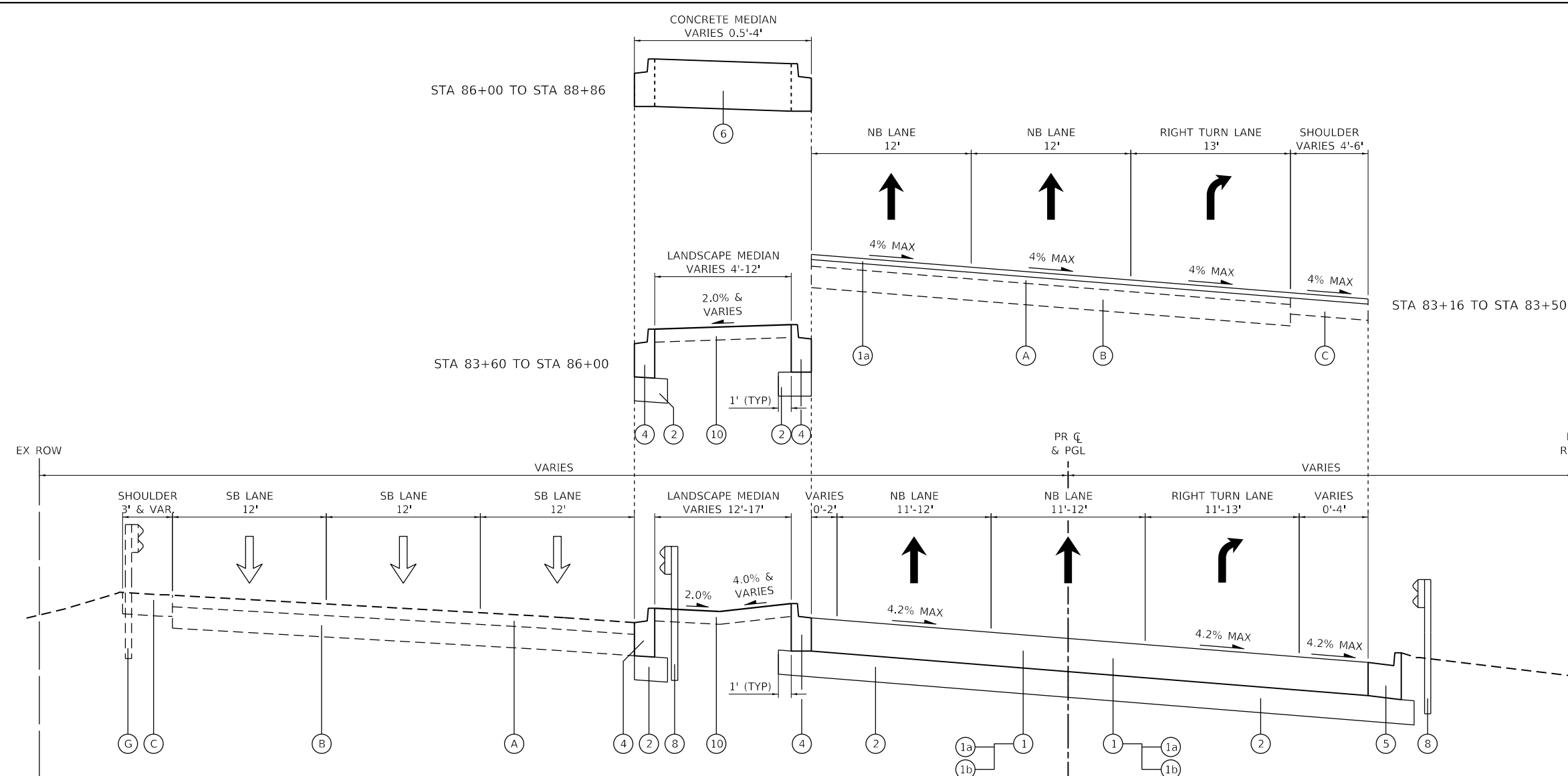
US ROUTE 12/20/45 (LA GRANGE ROAD) – EXISTING TYPICAL SECTION

STA 25+80 TO STA 31+02

* FROM STA 27+55 TO STA 29+16
 ** FROM STA 25+82 TO STA 28+20

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Two Pierce Place, Suite 1400 Mascia, Illinois 60143 Tel: 630.773.3900 Fax: 630.773.3975 www.civiltechinc.com	USER NAME = mc DESIGNED - DRAWN - CHECKED - DATE - 10/21/2021	REVISED - REVISED - REVISED - REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	US 12/20/45 (LA GRANGE ROAD) PROPOSED TYPICAL SECTIONS	F.A.P. RTE. = 330 SECTION = 2018-133-BR COUNTY = COOK TOTAL SHEETS = 308 SHEET NO. = 19 CONTRACT NO. = 62H49
	PLOT SCALE = 10,0000 ' / in. PLOT DATE = 10/21/2021	DATE - 10/21/2021			SCALE: N.T.S. SHEET 1 OF 2 SHEETS STA. TO STA.



- LEGEND**
- (A) EXISTING HMA PAVEMENT, 5.5"
 - (B) EXISTING PCC PAVEMENT, 10"
 - (C) EXISTING SHOULDER, 10"
 - (G) EXISTING GUARDRAIL
 - (1) PAVEMENT CONNECTOR (HMA) FOR BRIDGE APPROACH SLAB
 - (1a) POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX E, N70: 1.75"
 - (1b) HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N90, 13.75"
 - (2) AGGREGATE SUBGRADE, 12"
 - (3) HOT-MIX ASPHALT SHOULDERS, 8"
 - (4) COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12
 - (5) COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24
 - (6) CONCRETE MEDIAN, TYPE SB-6.12
 - (7) SUBBASE GRANULAR MATERIAL, TYPE C
 - (8) STEEL PLATE BEAM GUARDRAIL, TYPE A, 6' POSTS
 - (9) AGGREGATE SHOULDERS, TYPE B 10"
 - (10) TOPSOIL FURNISH AND PLACE, 6"

US ROUTE 12/20/45 (LA GRANGE ROAD) – PROPOSED TYPICAL SECTION

STA 82+86 TO STA 88+86

HOT-MIX ASPHALT MIXTURE REQUIREMENTS		QMP
MIXTURE TYPE	AIR VOIDS @ NDES	
PAVEMENT CONNECTOR (HMA) FOR BRIDGE APPROACH SLAB		
POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX E, N70: 1.75"	4% @ 70 GYR.	QC/QA
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N90: 13.75"	4% @ 90 GYR.	QC/QA
HOT-MIX ASPHALT SHOULDERS 8"		
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", IL-9.5, N70: 2"	4% @ 70 GYR.	QC/QA
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70: 6"	4% @ 70 GYR.	QC/QA
HOT-MIX ASPHALT RESURFACING		
POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX E, N70: 1.75"	4% @ 70 GYR.	QC/QA
DRIVEWAY		
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", IL-9.5, N50, 2"	4% @ 50 GYR.	QC/QA
HOT-MIX ASPHALT BASE COURSE, 8" (HMA BINDER IL-19.0, N50)	4% @ 50 GYR.	QC/QA
TEMPORARY PAVEMENT		
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", IL-9.5, N70: 2"	4% @ 70 GYR.	QC/QA
HOT-MIX ASPHALT BINDER COURSE, IL-9.5, N70: 10"	4% @ 70 GYR.	QC/QA
QMP DESIGNATIONS: QUALITY CONTROL/QUALITY ASSURANCE (QC/QA); QUALITY CONTROL FOR PERFORMANCE (QCP); PAY FOR PERFORMANCE (PFP)		

- NOTES:**
- THE UNIT WEIGHT USED TO CALCULATE ALL HMA SURFACE MIXTURE QUANTITIES IS 112 LBS/SQ YD/IN.
 - THE "AC TYPE" FOR POLYMERIZED HMA MIXES SHALL BE "SBS/SBR PG 76-22" AND FOR NON-POLYMERIZED HMA THE "AC TYPE" SHALL BE "PG 64-22" UNLESS MODIFIED BY RECLAIMED MATERIALS SPECIFICATIONS
 - PCC TEMPORARY PAVEMENT SHALL CONSIST OF CLASS PV CONCRETE MEETING THE REQUIREMENTS OF ARTICLE 1020 OF THE STANDARD SPECIFICATIONS; THICKNESS SHALL BE 10" THICK. TEMPORARY PCC PAVEMENT DOES NOT REQUIRE DOWEL BARS.

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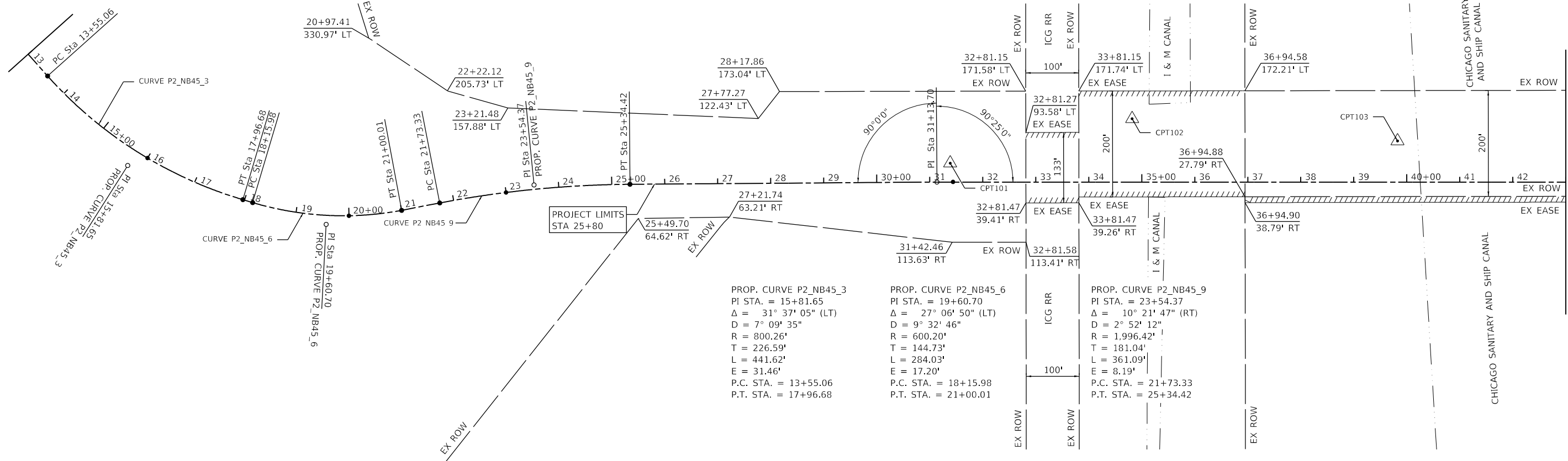
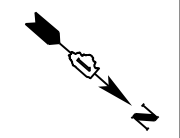
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	DATE - 10/21/2021	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

US 12/20/45 (LA GRANGE ROAD)
PROPOSED TYPICAL SECTIONS & HMA MIXTURES TABLE
 SCALE: N.T.S. SHEET 2 OF 2 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	2018-133-BR	COOK	308	20
CONTRACT NO. 62H49				
ILLINOIS FED. AID PROJECT				

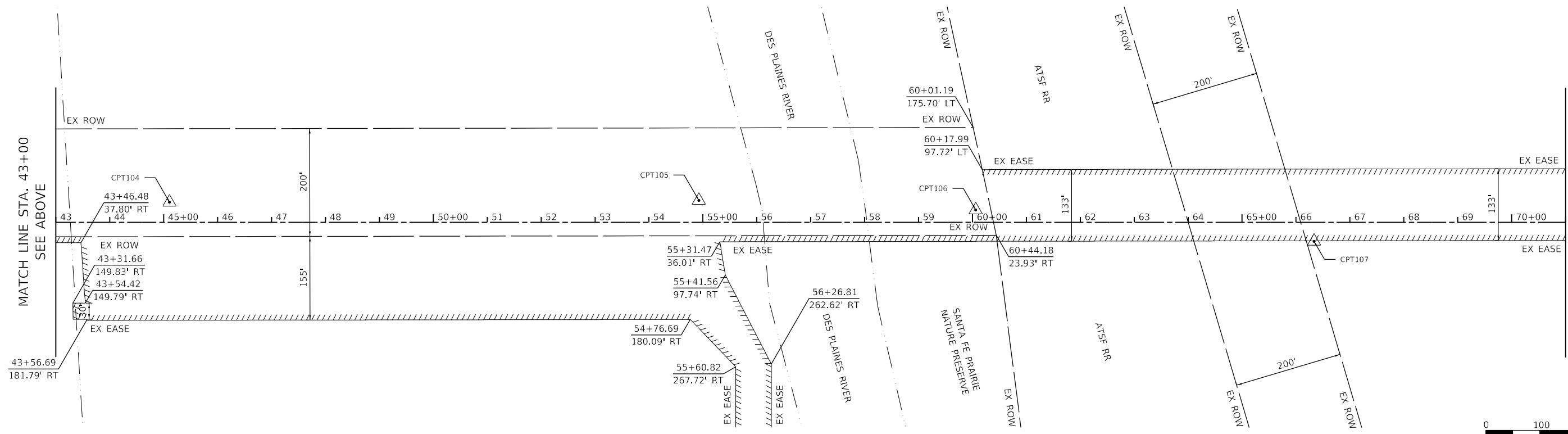
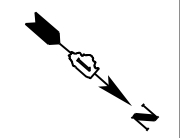


PROP. CURVE P2_NB45_3
 PI STA. = 15+81.65
 $\Delta = 31^\circ 37' 05''$ (LT)
 $D = 7^\circ 09' 35''$
 $R = 800.26'$
 $T = 226.59'$
 $L = 441.62'$
 $E = 31.46'$
 P.C. STA. = 13+55.06
 P.T. STA. = 17+96.68

PROP. CURVE P2_NB45_6
 PI STA. = 19+60.70
 $\Delta = 27^\circ 06' 50''$ (LT)
 $D = 9^\circ 32' 46''$
 $R = 600.20'$
 $T = 144.73'$
 $L = 284.03'$
 $E = 17.20'$
 P.C. STA. = 18+15.98
 P.T. STA. = 21+00.01

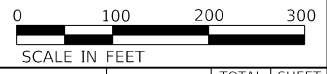
PROP. CURVE P2_NB45_9
 PI STA. = 23+54.37
 $\Delta = 10^\circ 21' 47''$ (RT)
 $D = 2^\circ 52' 12''$
 $R = 1,996.42'$
 $T = 181.04'$
 $L = 361.09'$
 $E = 8.19'$
 P.C. STA. = 21+73.33
 P.T. STA. = 25+34.42

MATCH LINE STA. 43+00
SEE BELOW



MATCH LINE STA. 43+00
SEE ABOVE

MATCH LINE STA. 71+00
SEE SHEET 22



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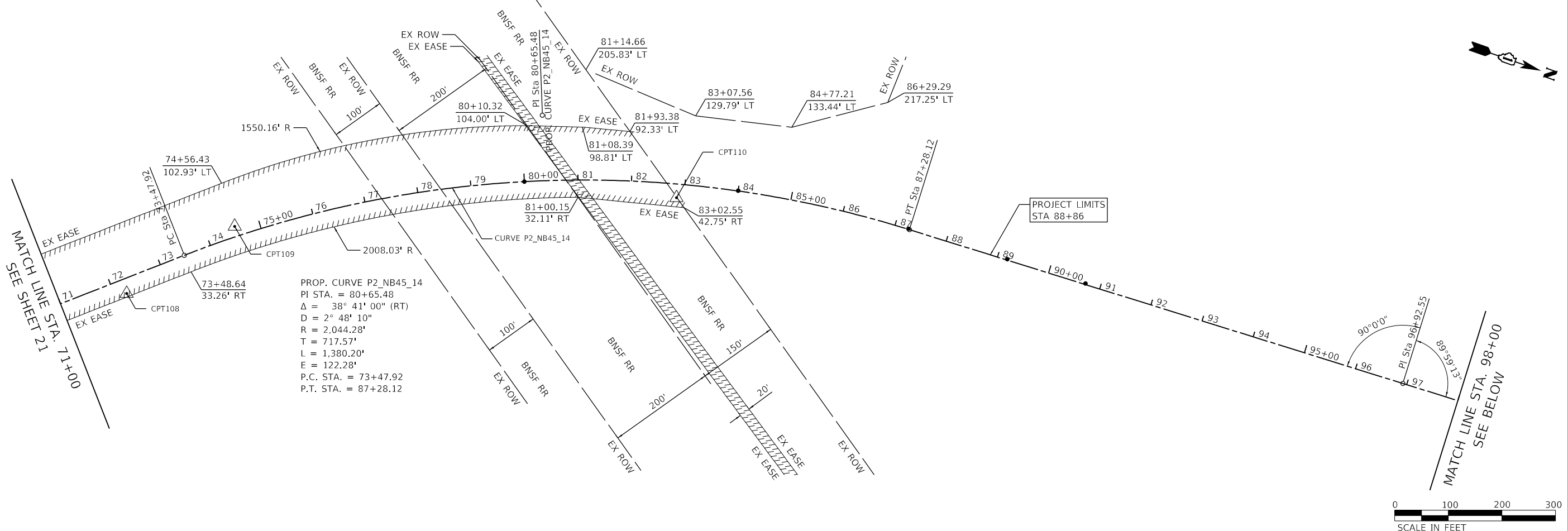
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

US 1220/45 (LA GRANGE ROAD)
ALIGNMENT, TIES & BENCHMARKS

SCALE: 1" = 100' SHEET 1 OF 4 SHEETS STA. 13+00 TO STA. 71+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	2018-133-BR	COOK	308	21
CONTRACT NO. 62H49				
		ILLINOIS	FED. AID PROJECT	

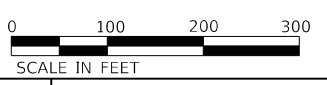
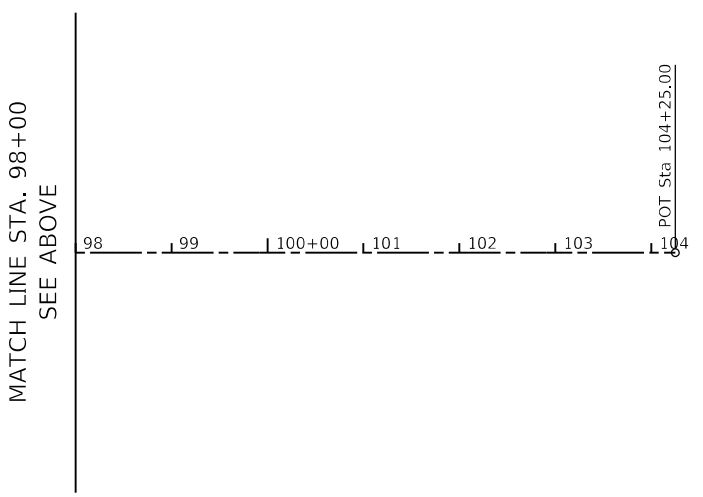


ALIGNMENT COORDINATES - US ROUTE 12/20/45

DESCRIPTION	STATION	NORTHING	EASTING
POB	10+00.00	1,849,332.1589	1,115,555.8948
PC	13+55.06	1,849,684.3064	1,115,601.2820
PI	15+81.65	1,849,909.0363	1,115,630.2467
PT	17+96.68	1,850,115.5925	1,115,537.0960
PC	18+15.98	1,850,133.1858	1,115,529.1619
PI	19+60.70	1,850,265.1162	1,115,469.6652
PT	21+00.01	1,850,355.4316	1,115,356.5784
PC	21+73.33	1,850,400.7213	1,115,298.9131
PI	23+54.37	1,850,513.1710	1,115,157.0319
PT	25+34.42	1,850,649.3086	1,115,037.6930
PI	31+13.70	1,851,084.9107	1,114,655.8425
PC	73+47.92	1,854,289.1648	1,111,887.9251
PI	80+65.48	1,854,832.1845	1,111,418.8508
PT	87+28.12	1,855,549.2510	1,111,392.0813
PI	96+92.55	1,856,513.0146	1,111,356.1022
POT	104+25.00	1,857,244.9485	1,111,328.6100

BENCHMARK AND CONTROL POINT INFORMATION

BM / CP	STATION	OFFSET	NORTHING	EASTING	ELEVATION	DESCRIPTION
CPT101	31+38.64	35.62' LT	1,851,080.501	1,114,612.586	615.989	IRON ROD WITH CAP
CPT102	34+81.76	119.53' LT	1,851,285.307	1,114,324.787	591.797	IRON ROD WITH CAP
CPT103	39+82.43	77.59' LT	1,851,691.608	1,114,029.233	591.641	CHISELED 'X'
CPT104	45+10.68	37.25' LT	1,852,117.724	1,113,714.442	622.079	IRON ROD WITH CAP
CPT105	54+92.51	40.46' LT	1,852,858.632	1,113,070.194	611.899	IRON ROD WITH CAP
CPT106	60+05.96	22.82' LT	1,853,258.719	1,112,747.891	598.484	IRON ROD WITH CAP
CPT107	66+33.55	35.37' RT	1,853,771.687	1,112,381.676	600.913	IRON ROD WITH CAP
CPT108	72+21.92	27.27' RT	1,854,211.643	1,111,990.929	602.733	IRON ROD WITH CAP
CPT109	74+54.28	18.78' RT	1,854,359.903	1,111,805.686	600.408	MAGNETIC NAIL
CPT110	82+86.39	25.56' RT	1,855,119.443	1,111,480.686	628.286	IRON ROD WITH CAP



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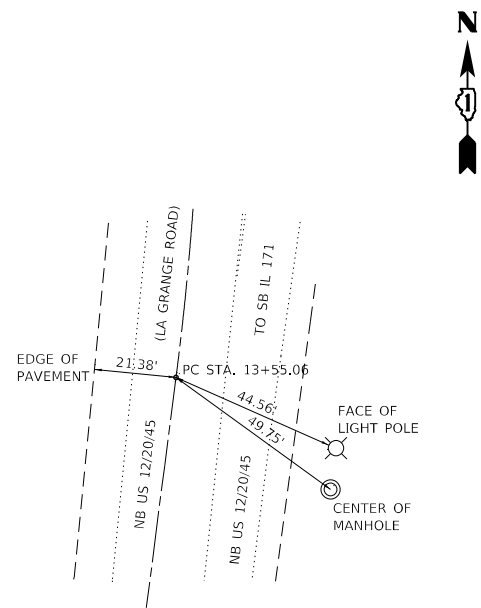
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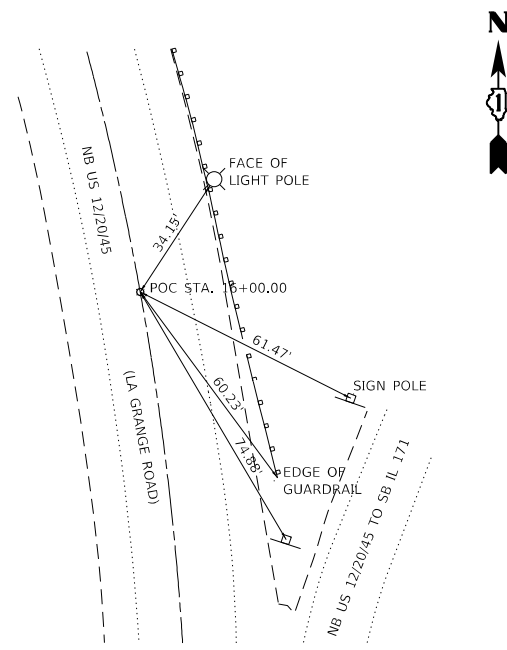
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

US 12/20/45 (LA GRANGE ROAD)
ALIGNMENT, TIES & BENCHMARKS
 SCALE: 1" = 100' SHEET 2 OF 4 SHEETS STA. 71+00 TO STA. 104+25

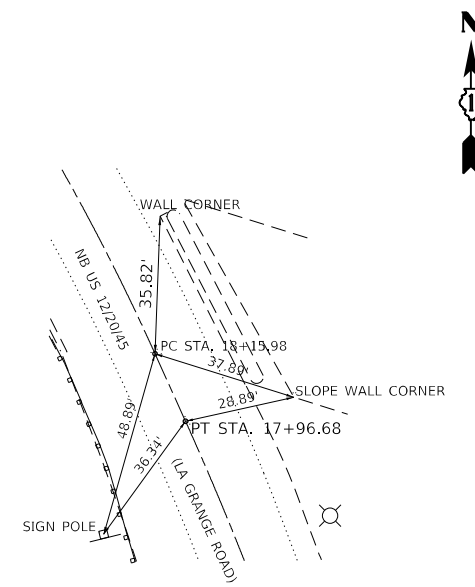
F.A.P. RTE. 330	SECTION 2018-133-BR	COUNTY COOK	TOTAL SHEETS 308	SHEET NO. 22
CONTRACT NO. 62H49				
ILLINOIS FED. AID PROJECT				



PC STATION 13+55.06, 0.00' LT
(CHISELED 'X')
 N = 1,849,684.3064
 E = 1,115,601.2820
 ELEV = 602.54

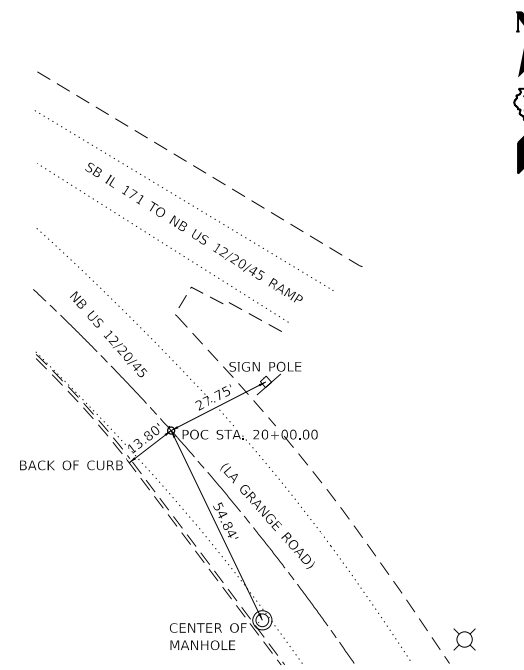


POC STATION 16+00.00, 0.00' LT
(MAGNETIC NAIL)
 N = 1,849,928.2157
 E = 1,115,595.2180
 ELEV = 597.47

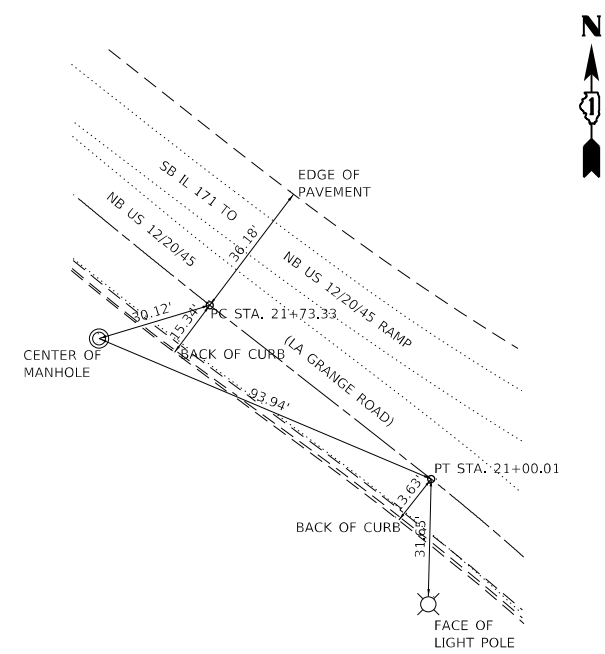


PT STATION 17+96.68, 0.00' LT
(MAGNETIC NAIL)
 N = 1,850,115.5925
 E = 1,115,537.0960
 ELEV = 595.60

PC STATION 18+15.98, 0.00' LT
(MAGNETIC NAIL)
 N = 1,850,133.1858
 E = 1,115,529.1619
 ELEV = 595.54

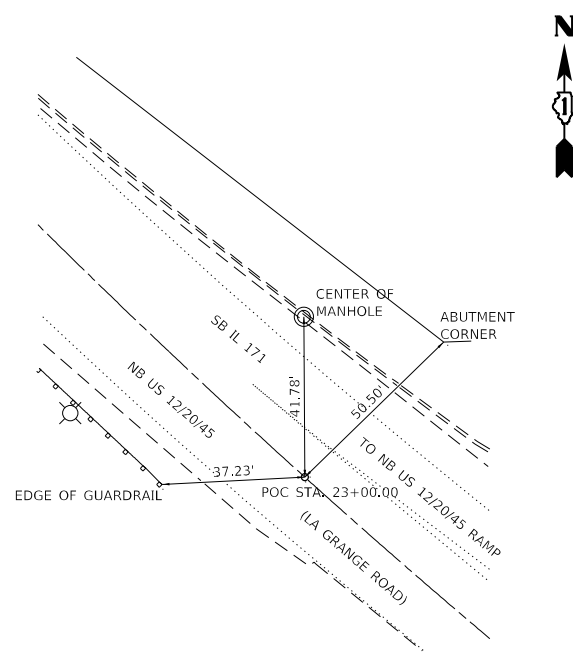


POC STATION 20+00.00, 0.00' LT
(MAGNETIC NAIL)
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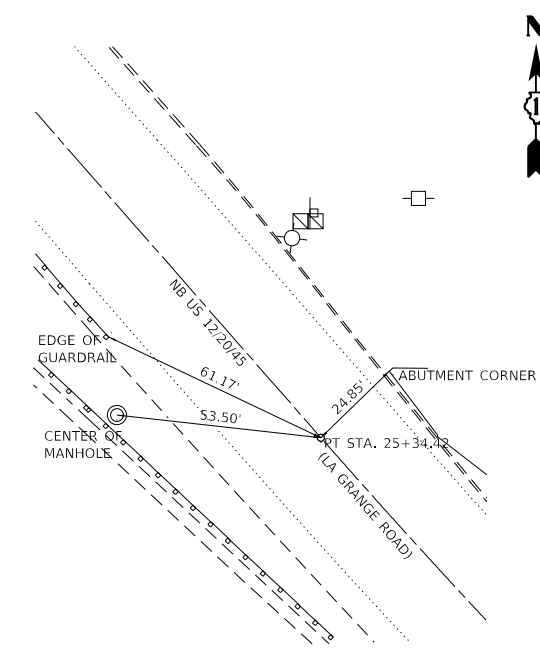


PT STATION 21+00.01, 0.00' LT
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 E = 1,115,356.5784
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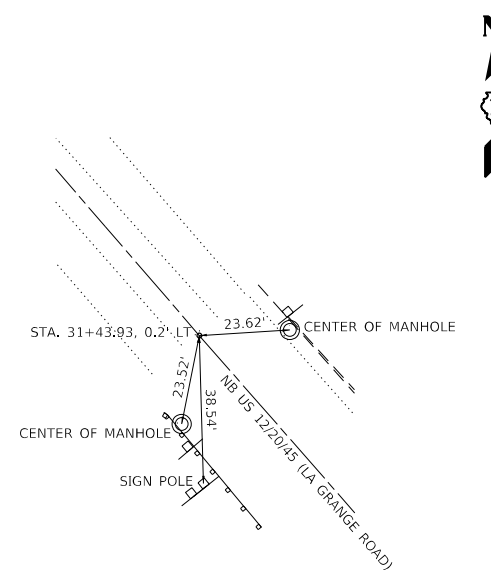
PC STATION 21+73.33, 0.00' LT
(MAGNETIC NAIL)
 N = 1,850,400.7213
 E = 1,115,298.9131
 ELEV = 596.48



POC STATION 23+00.00, 0.00' LT
(MAGNETIC NAIL)
 N = 1,850,482.4947
 E = 1,115,202.2044
 ELEV = 597.84



PT STATION 25+34.42, 0.00' LT
(MAGNETIC NAIL)
 N = 1,850,649.3086
 E = 1,115,037.6930
 ELEV = 601.69



PI STATION 31+13.70, 0.00' LT
(MAGNETIC NAIL)
 N = 1,851,084.9107
 E = 1,114,655.8425
 ELEV = 619.86

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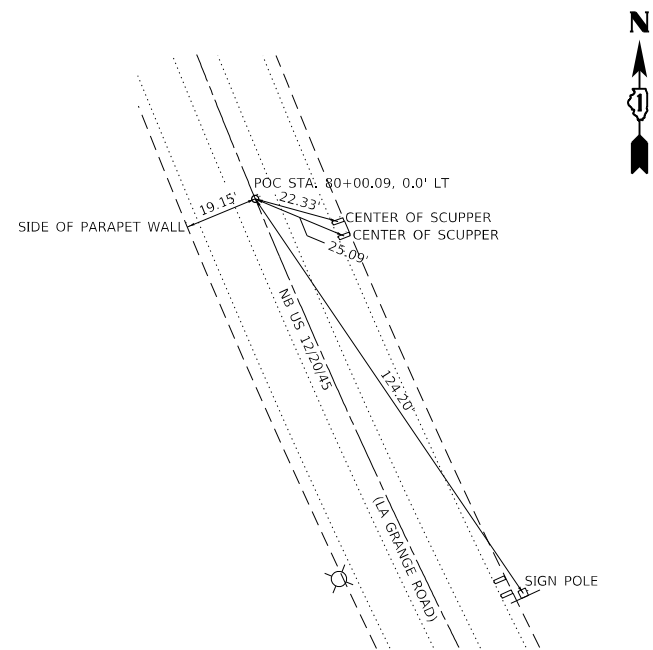
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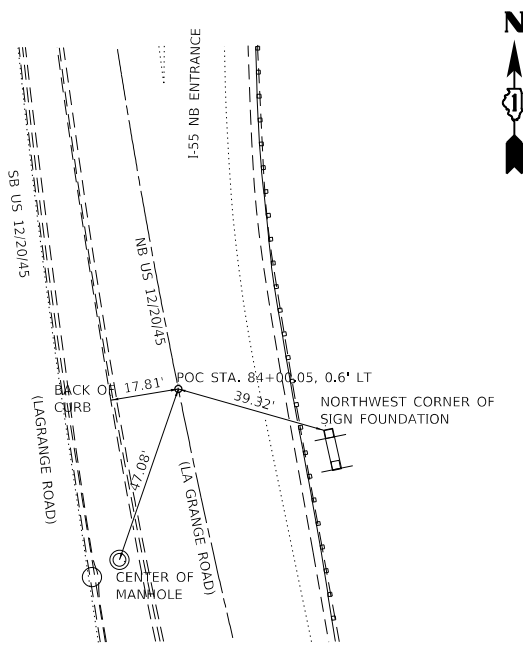
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

US 12/20/45 (LA GRANGE ROAD)			
ALIGNMENT, TIES & BENCHMARKS			
SCALE:	SHEET 3	OF 4 SHEETS	STA. TO STA.

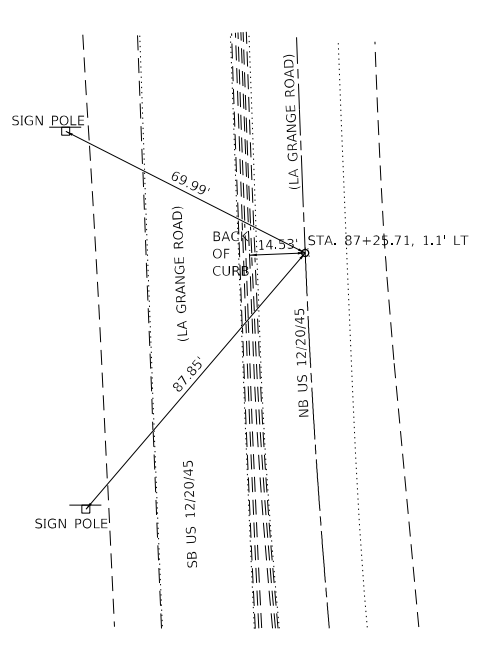
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	2018-133-BR	COOK	308	23
CONTRACT NO. 62H49				
		ILLINOIS	FED. AID PROJECT	



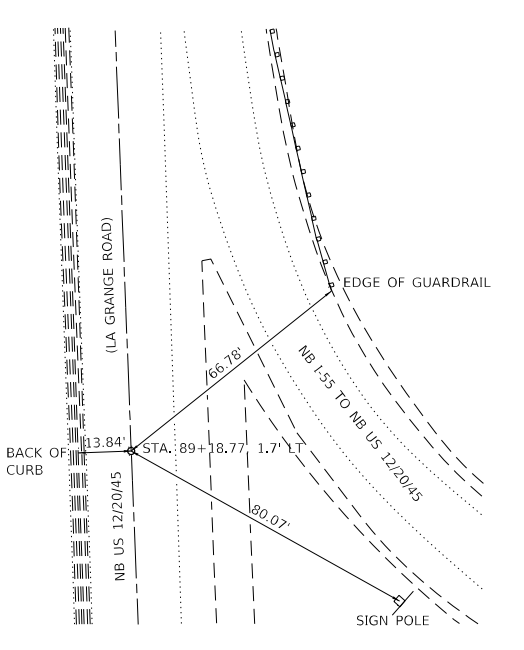
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(MAGNETIC NAIL)**
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ELEV = 633.15



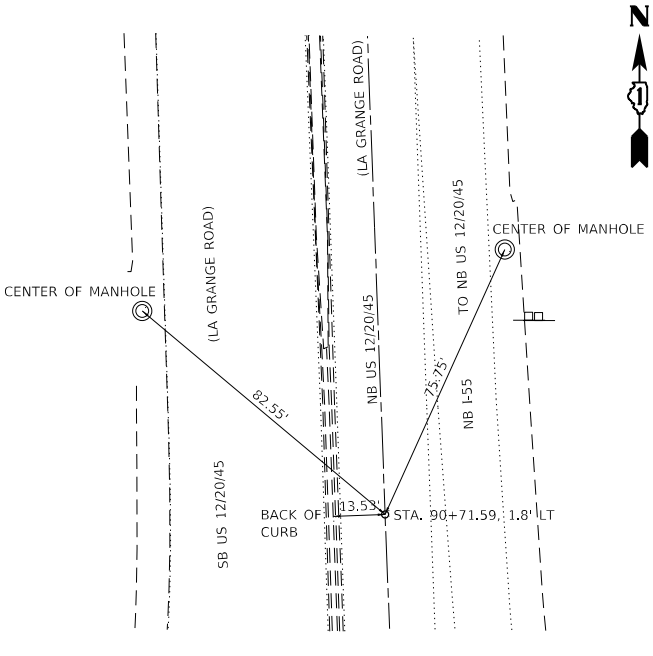
**POC STATION 84 + 00.05, 0.60' LT
(CHISELED 'X')**
N = 1,855,223.6850
E = 1,111,429.9560
ELEV = 631.42



**PT STATION 87 + 28.12, 0.00' LT
(MAGNETIC NAIL)**
87 + 25.71, 1.1' LT
N = 1,855,549.2510
E = 1,111,392.0813
ELEV = 633.39



**STATION 89 + 18.77, 1.70' LT
(MAGNETIC NAIL)**
N = 1,855,739.7120
E = 1,111,383.3070
ELEV = 638.50



**STATION 90 + 71.59, 1.80' LT
(MAGNETIC NAIL)**
N = 1,855,892.4210
E = 1,111,377.4810
ELEV = 642.42

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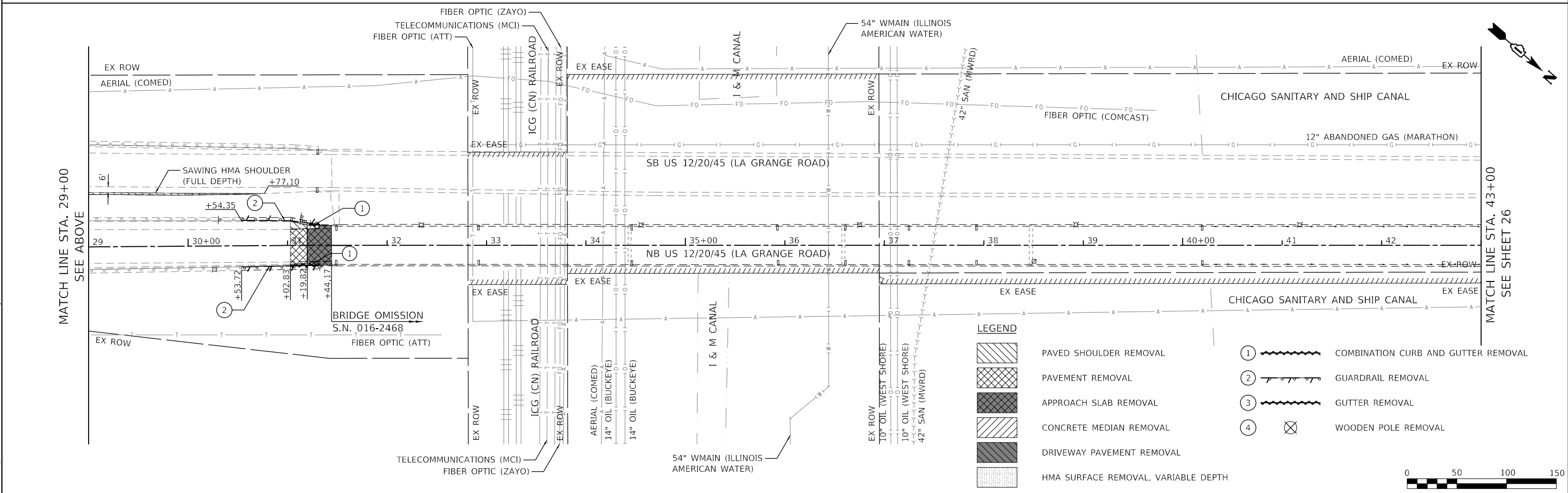
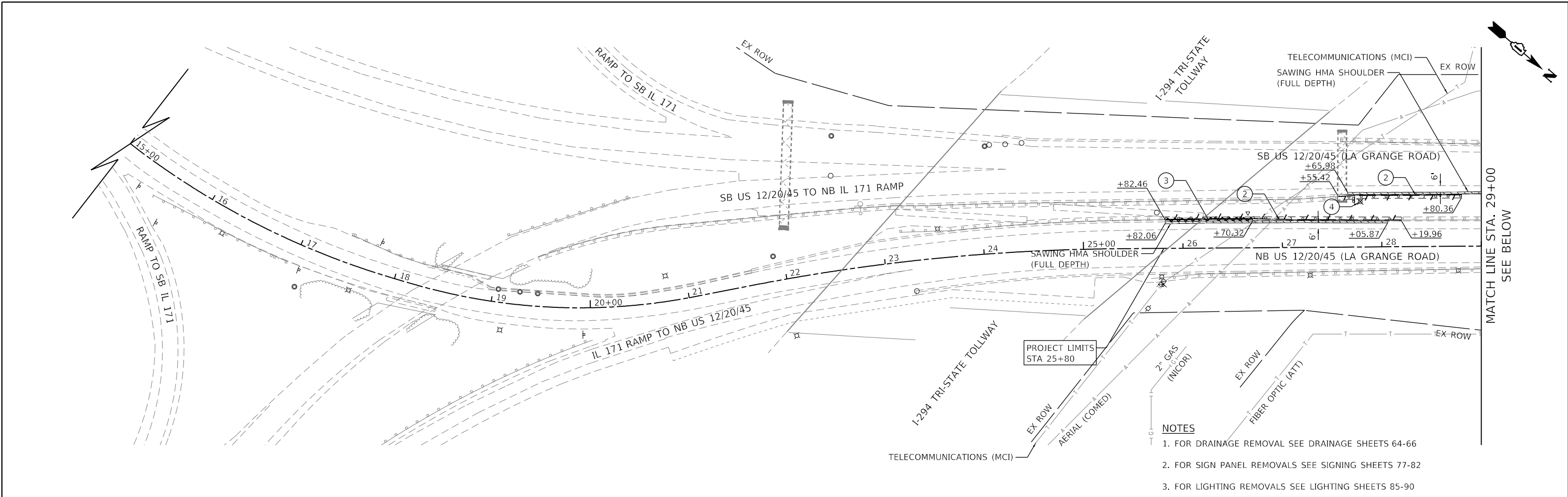

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

US 12/20/45 (LA GRANGE ROAD) ALIGNMENT, TIES & BENCHMARKS			
SCALE:	SHEET 4	OF 4 SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	2018-133-BR	COOK	308	24
CONTRACT NO. 62H49				
ILLINOIS FED. AID PROJECT				



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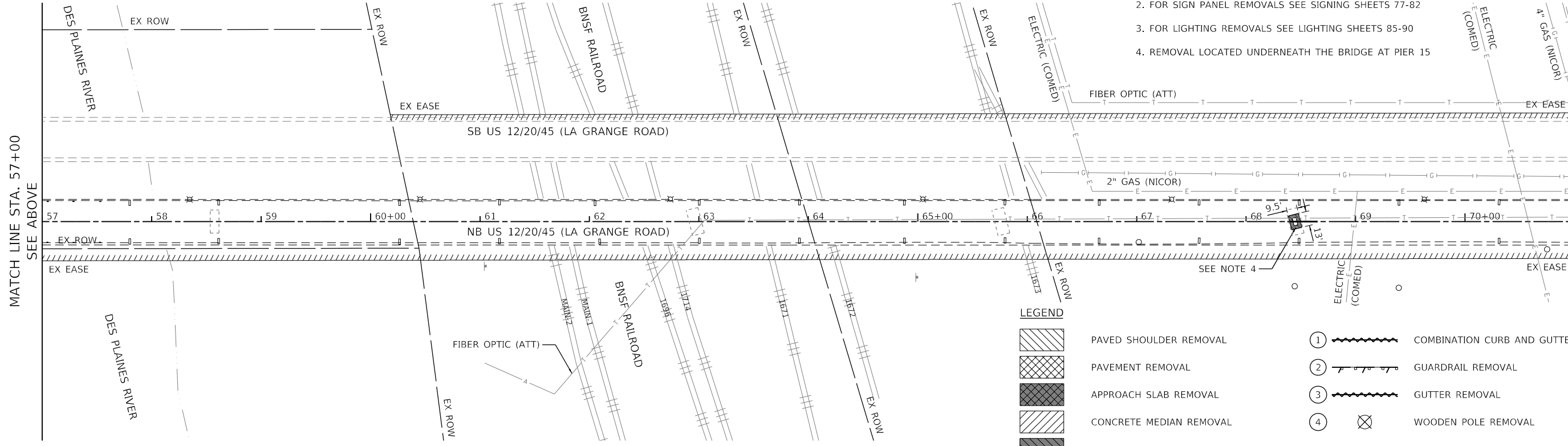
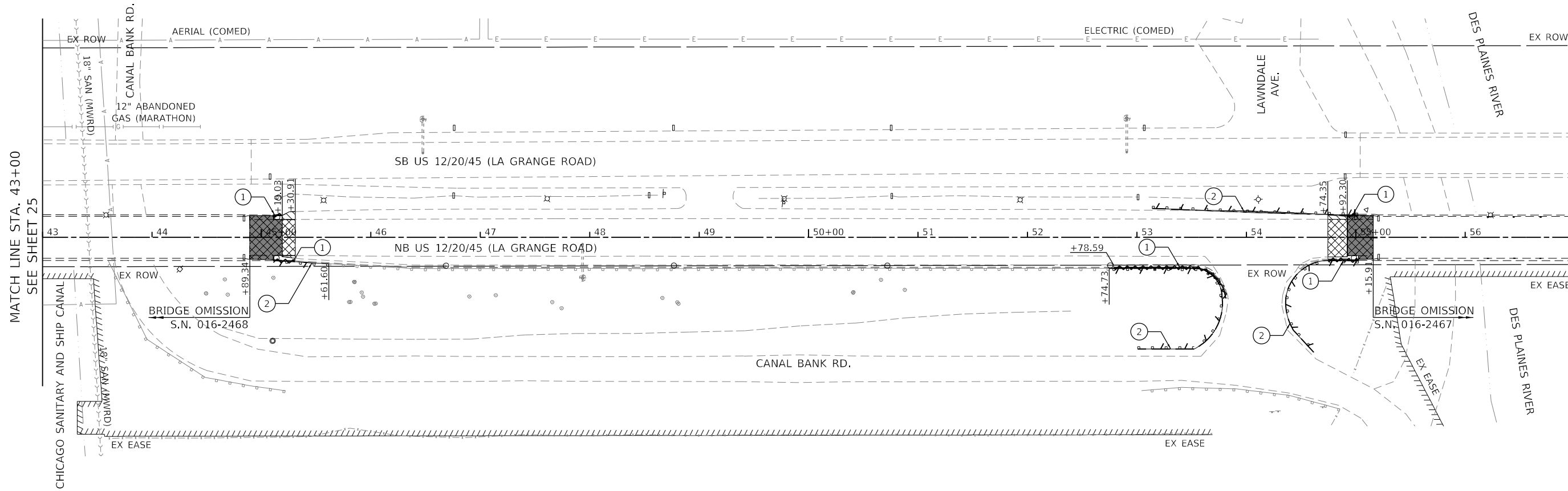
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**US 12/20/45 (LA GRANGE ROAD)
 REMOVAL PLAN**

SCALE: 1" = 50' SHEET 1 OF 3 SHEETS STA. 15+00 TO STA. 43+00

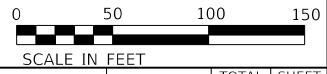
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330	2018-133-BR	COOK	308	25
CONTRACT NO. 62H49				
ILLINOIS FED. AID PROJECT				



- NOTES**
1. FOR DRAINAGE REMOVAL SEE DRAINAGE SHEETS 64-66
 2. FOR SIGN PANEL REMOVALS SEE SIGNING SHEETS 77-82
 3. FOR LIGHTING REMOVALS SEE LIGHTING SHEETS 85-90
 4. REMOVAL LOCATED UNDERNEATH THE BRIDGE AT PIER 15

LEGEND

	PAVED SHOULDER REMOVAL		COMBINATION CURB AND GUTTER REMOVAL
	PAVEMENT REMOVAL		GUARDRAIL REMOVAL
	APPROACH SLAB REMOVAL		GUTTER REMOVAL
	CONCRETE MEDIAN REMOVAL		WOODEN POLE REMOVAL
	DRIVEWAY PAVEMENT REMOVAL		
	HMA SURFACE REMOVAL, VARIABLE DEPTH		



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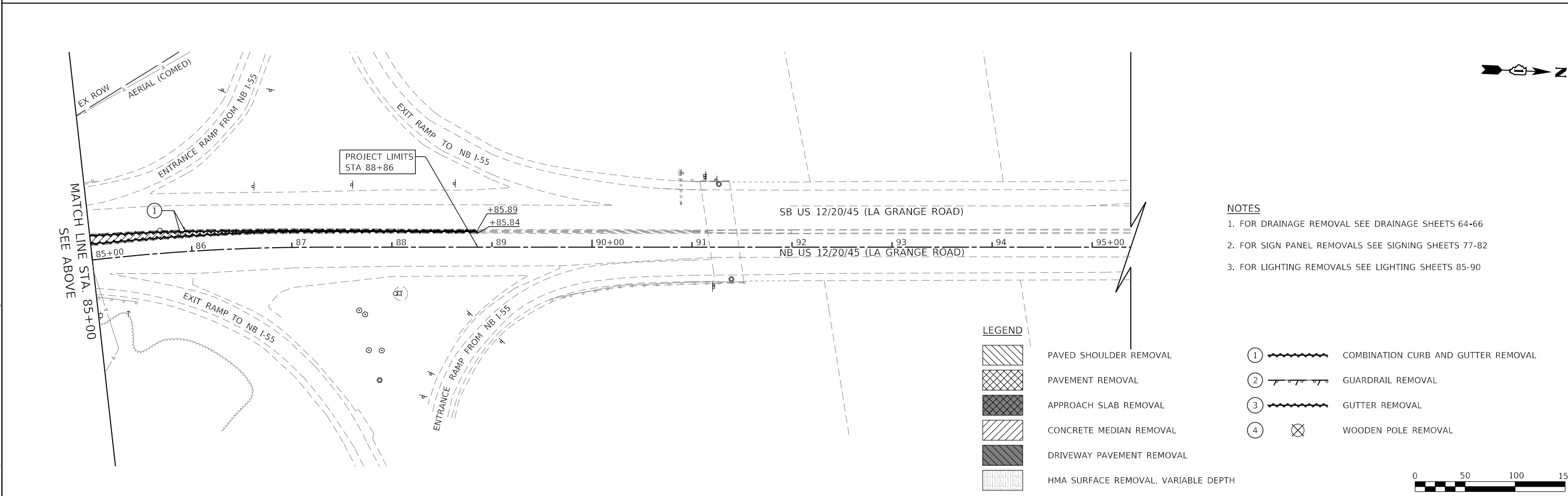
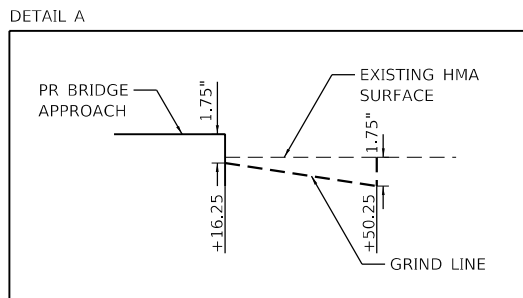
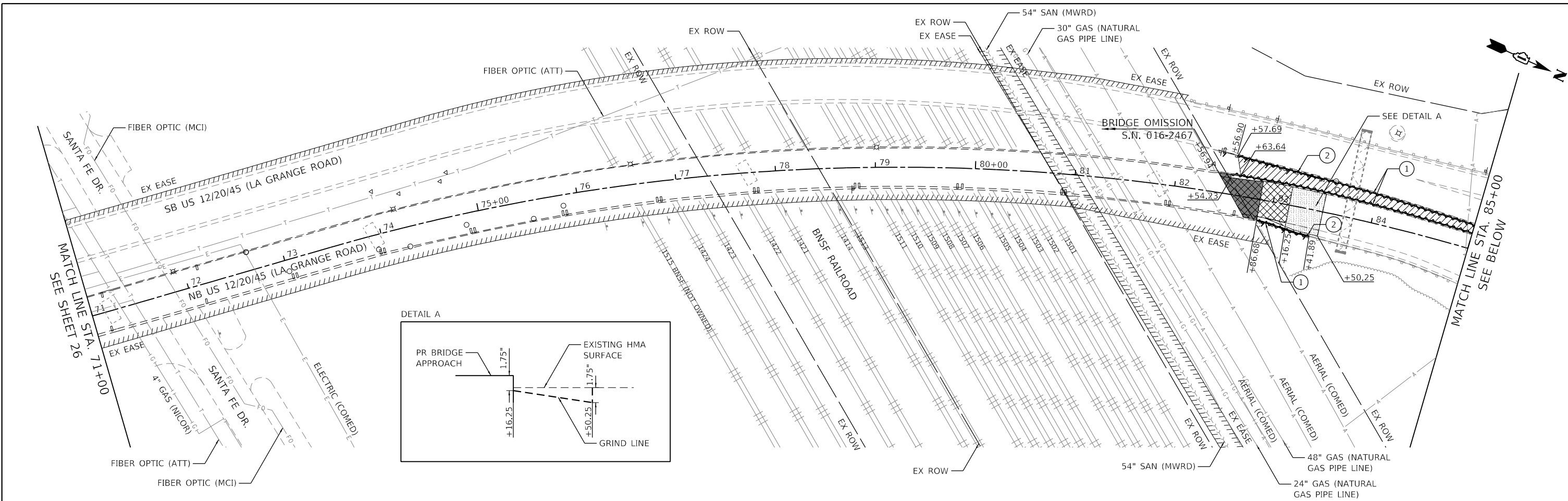
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

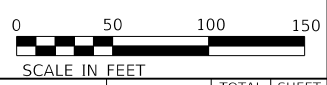
US 12/20/45 (LA GRANGE ROAD)
REMOVAL PLAN

SCALE: 1" = 50' SHEET 2 OF 3 SHEETS STA. 43+00 TO STA. 71+00

F.A.P. RTE. 330	SECTION 2018-133-BR	COUNTY COOK	TOTAL SHEETS 308	SHEET NO. 26
CONTRACT NO. 62H49				
ILLINOIS FED. AID PROJECT				



- NOTES**
- FOR DRAINAGE REMOVAL SEE DRAINAGE SHEETS 64-66
 - FOR SIGN PANEL REMOVALS SEE SIGNING SHEETS 77-82
 - FOR LIGHTING REMOVALS SEE LIGHTING SHEETS 85-90
- LEGEND**
- PAVED SHOULDER REMOVAL
 - PAVEMENT REMOVAL
 - APPROACH SLAB REMOVAL
 - CONCRETE MEDIAN REMOVAL
 - DRIVEWAY PAVEMENT REMOVAL
 - HMA SURFACE REMOVAL, VARIABLE DEPTH
 - COMBINATION CURB AND GUTTER REMOVAL
 - GUARDRAIL REMOVAL
 - GUTTER REMOVAL
 - WOODEN POLE REMOVAL



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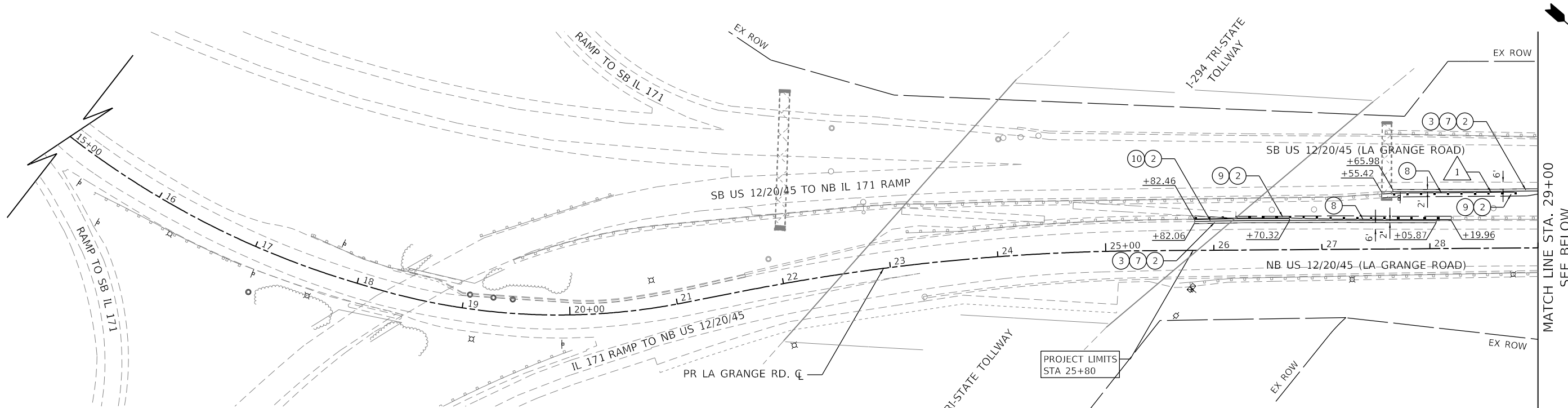
 Two Pierce Place, Suite 1400 Moline, Illinois 61413 Tel: 630.773.3900 Fax: 630.773.3975 www.civiltechinc.com	USER NAME = mc	DESIGNED -	REVISED -
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

US 12/20/45 (LA GRANGE ROAD)
REMOVAL PLAN

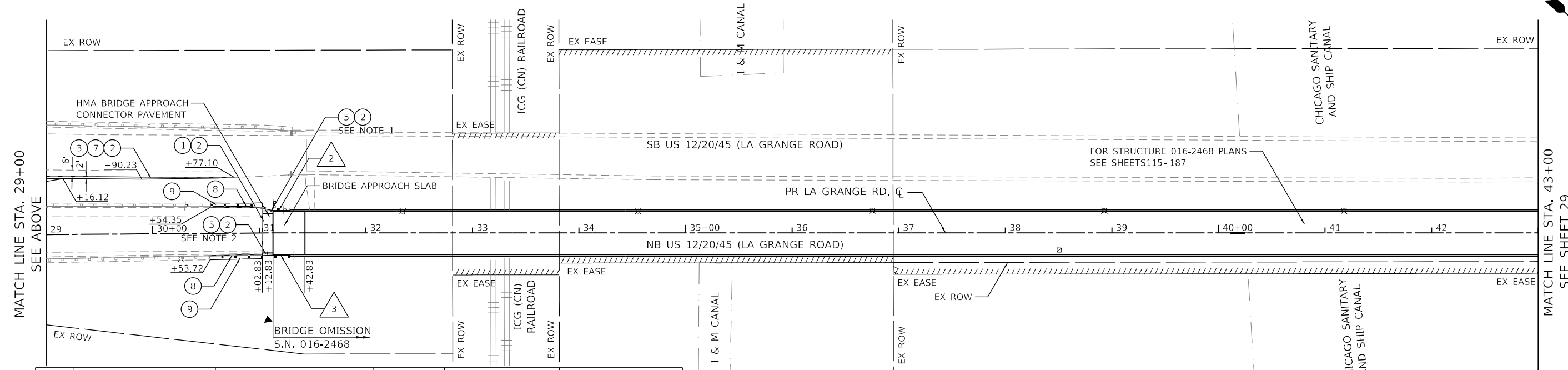
SCALE: 1" = 50' SHEET 3 OF 3 SHEETS STA. 71+00 TO STA. 93+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	2018-133-BR	COOK	308	27
CONTRACT NO. 62H49				
ILLINOIS FED. AID PROJECT				



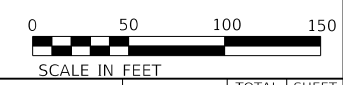
TERMINAL	GUARDRAIL	LENGTH (FT.)	UPSTREAM STA./OFF.	DOWNSTREAM STA./OFF.	
1	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	-	STA. 28+43.0, 51.6' LT	STA. 28+80.5, 51.6' LT	
8	-	STEEL PLATE BEAM GUARDRAIL, TYPE A, 6' POSTS	237.5	STA. 25+82.5, 29.0' LT	STA. 28+20.0, 26.8' LT
8	-	STEEL PLATE BEAM GUARDRAIL, TYPE A, 6' POSTS	87.5	STA. 27+55.5, 50.8' LT	STA. 28+43.0, 51.6' LT

NOTES
 1. LAST 5' OF CURB WILL BE TAPERED FROM 4" TO 0".
 2. LAST 3' OF CURB WILL BE TAPERED FROM 4" TO 6".



TERMINAL	GUARDRAIL	LENGTH (FT.)	UPSTREAM STA./OFF.	DOWNSTREAM STA./OFF.	
2	TRAFFIC BARRIER TERMINAL, TYPE 6	-	STA. 30+91.9, 25.0' LT	STA. 31+28.8, 21.1' LT	
3	TRAFFIC BARRIER TERMINAL, TYPE 6	-	STA. 30+91.2, 21.2' RT	STA. 31+28.8, 21.1' RT	
8	-	STEEL PLATE BEAM GUARDRAIL, TYPE A, 6' POSTS	37.5	STA. 30+54.4, 25.5' LT	STA. 30+91.9, 25.0' LT
8	-	STEEL PLATE BEAM GUARDRAIL, TYPE A, 6' POSTS	37.5	STA. 30+53.7, 21.2' RT	STA. 30+91.2, 21.2' RT

- LEGEND**
- 1 PAVEMENT CONNECTOR (HMA) FOR BRIDGE APPROACH SLAB
 - 2 AGGREGATE SUBGRADE, 12"
 - 3 HOT-MIX ASPHALT SHOULDERS, 8"
 - 4 COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12
 - 5 COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24
 - 6 CONCRETE MEDIAN, TYPE SB-6.12
 - 7 SUBBASE GRANULAR MATERIAL, TYPE C
 - 8 STEEL PLATE BEAM GUARDRAIL, TYPE A, 6' POSTS (SEE TABLE)
 - 9 AGGREGATE SHOULDERS, TYPE B 10"
 - 10 CONCRETE GUTTER, TYPE B



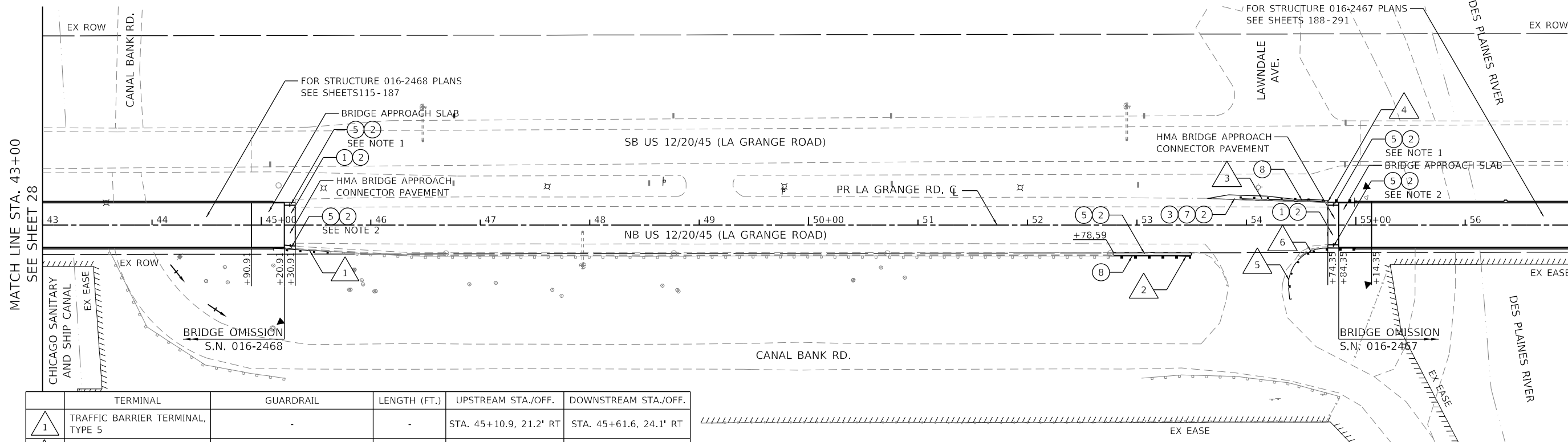
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Two Pierce Place, Suite 1400 Moline, Illinois 61413 Tel: 630.773.3900 Fax: 630.773.3975 www.civiltechinc.com	USER NAME = mc	DESIGNED -	REVISED -
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

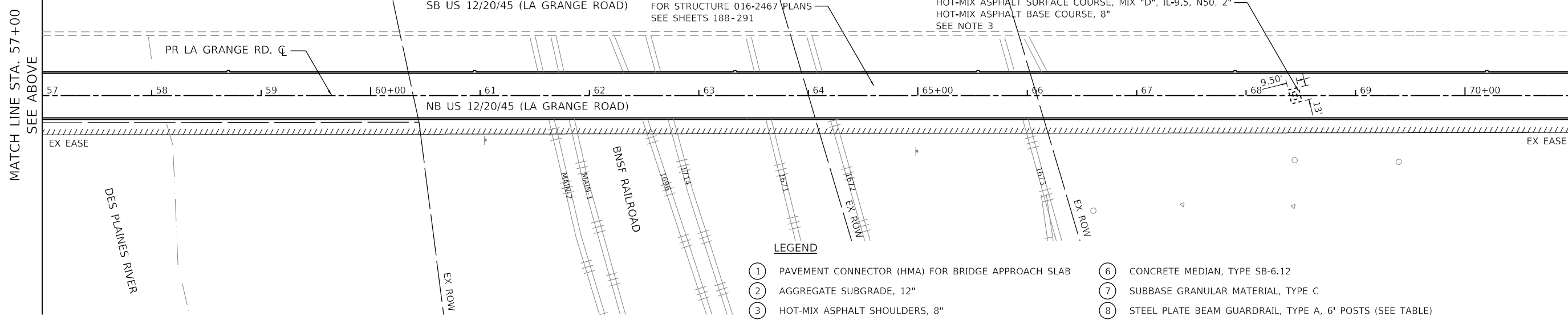
US 12/20/45 (LA GRANGE ROAD) ROADWAY PLAN			
SCALE: 1" = 50'	SHEET 1	OF 3 SHEETS	STA. 15+00 TO STA. 43+00

F.A.P. RTE. 330	SECTION 2018-133-BR	COUNTY COOK	TOTAL SHEETS 308	SHEET NO. 28
CONTRACT NO. 62H49				
ILLINOIS FED. AID PROJECT				

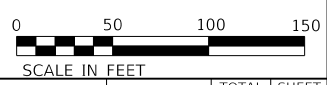


	TERMINAL	GUARDRAIL	LENGTH (FT.)	UPSTREAM STA./OFF.	DOWNSTREAM STA./OFF.
1	TRAFFIC BARRIER TERMINAL, TYPE 5	-	-	STA. 45+10.9, 21.2' RT	STA. 45+61.6, 24.1' RT
2	TRAFFIC BARRIER TERMINAL, TYPE 2	-	-	STA. 53+37.2, 28.3' RT	STA. 53+49.7, 28.6' RT
3	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	-	-	STA. 53+93.8, 24.3' LT	STA. 54+43.7, 22.7' LT
4	TRAFFIC BARRIER TERMINAL, TYPE 6	-	-	STA. 54+56.2, 22.4' LT	STA. 54+99.3, 21.1' LT
5	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	-	-	STA. 54+39.6, 67.8' RT	STA. 54+56.8, 24.8' RT
6	TRAFFIC BARRIER TERMINAL, TYPE 6	-	-	STA. 54+56.8, 24.8' RT	STA. 54+99.3, 21.1' RT
8	-	STEEL PLATE BEAM GUARDRAIL, TYPE A, 6' POSTS	62.5	STA. 52+74.7, 28.3' RT	STA. 53+37.2, 28.3' RT
8	-	STEEL PLATE BEAM GUARDRAIL, TYPE A, 6' POSTS	12.5	STA. 54+43.7, 22.7' LT	STA. 54+56.2, 22.4' LT

- NOTES**
- LAST 5' OF CURB WILL BE TAPERED FROM 4" TO 0".
 - LAST 3' OF CURB WILL BE TAPERED FROM 4" TO 6".
 - LOCATED UNDERNEATH THE BRIDGE AT PIER 15



- LEGEND**
- 1 PAVEMENT CONNECTOR (HMA) FOR BRIDGE APPROACH SLAB
 - 2 AGGREGATE SUBGRADE, 12"
 - 3 HOT-MIX ASPHALT SHOULDERS, 8"
 - 4 COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12
 - 5 COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24
 - 6 CONCRETE MEDIAN, TYPE SB-6.12
 - 7 SUBBASE GRANULAR MATERIAL, TYPE C
 - 8 STEEL PLATE BEAM GUARDRAIL, TYPE A, 6' POSTS (SEE TABLE)
 - 9 AGGREGATE SHOULDERS, TYPE B 10"
 - 10 CONCRETE GUTTER, TYPE B



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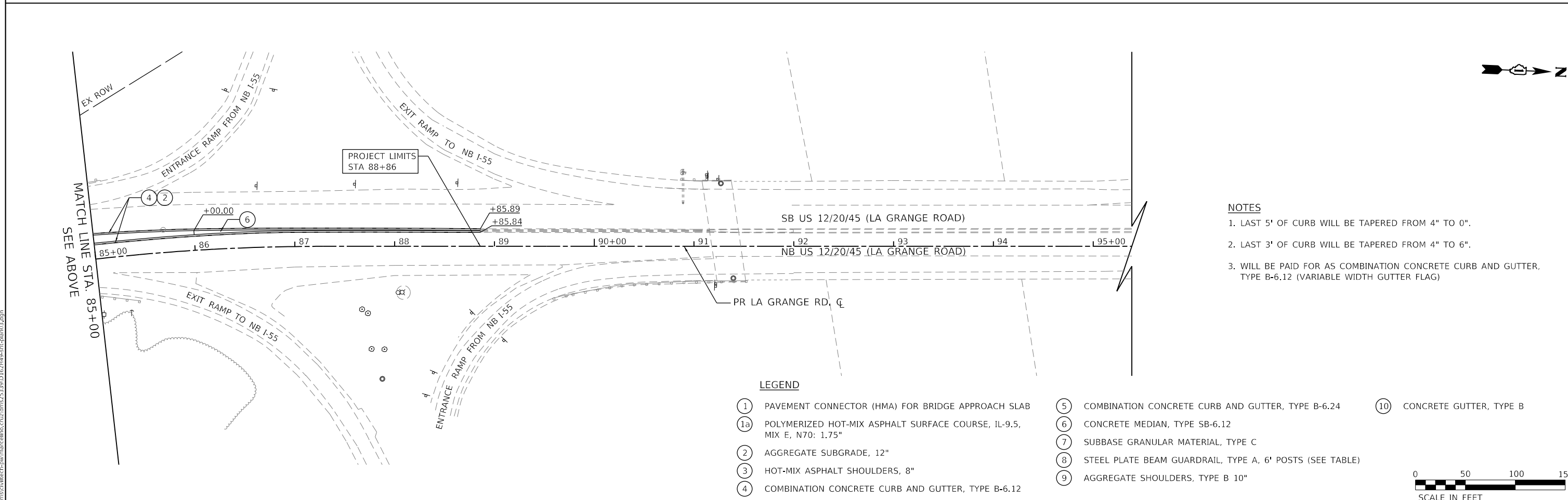
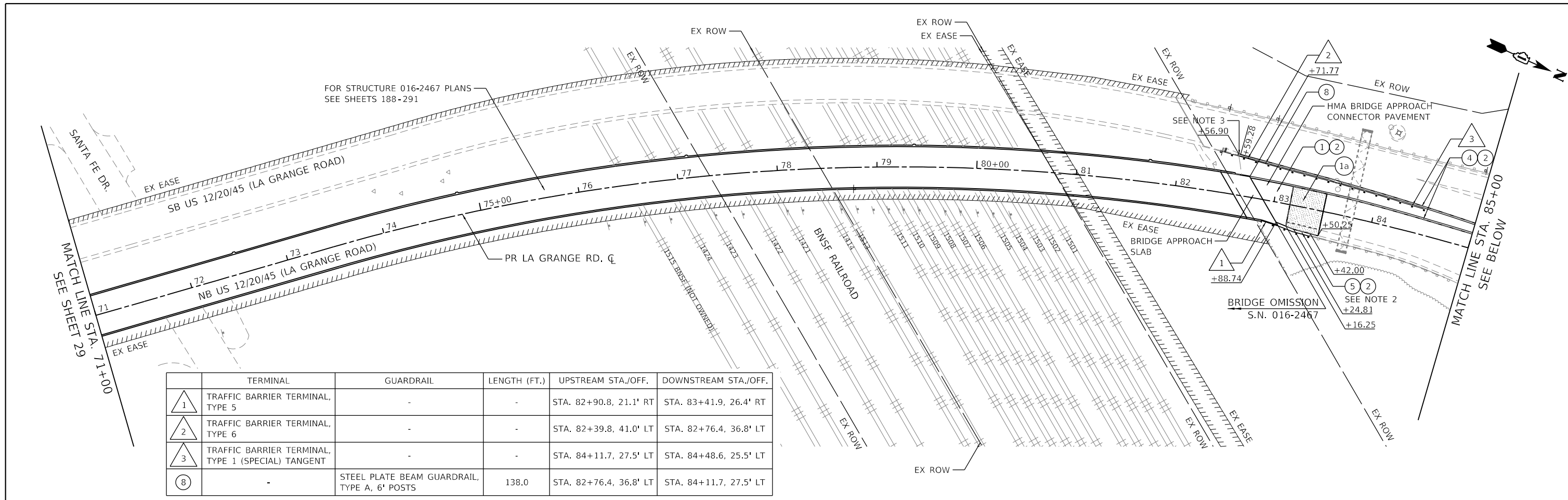
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

US 12/20/45 (LA GRANGE ROAD)
ROADWAY PLAN
 SCALE: 1" = 50' SHEET 2 OF 3 SHEETS STA. 43+00 TO STA. 71+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	2018-133-BR	COOK	308	29
CONTRACT NO. 62H49				
		ILLINOIS	FED. AID PROJECT	

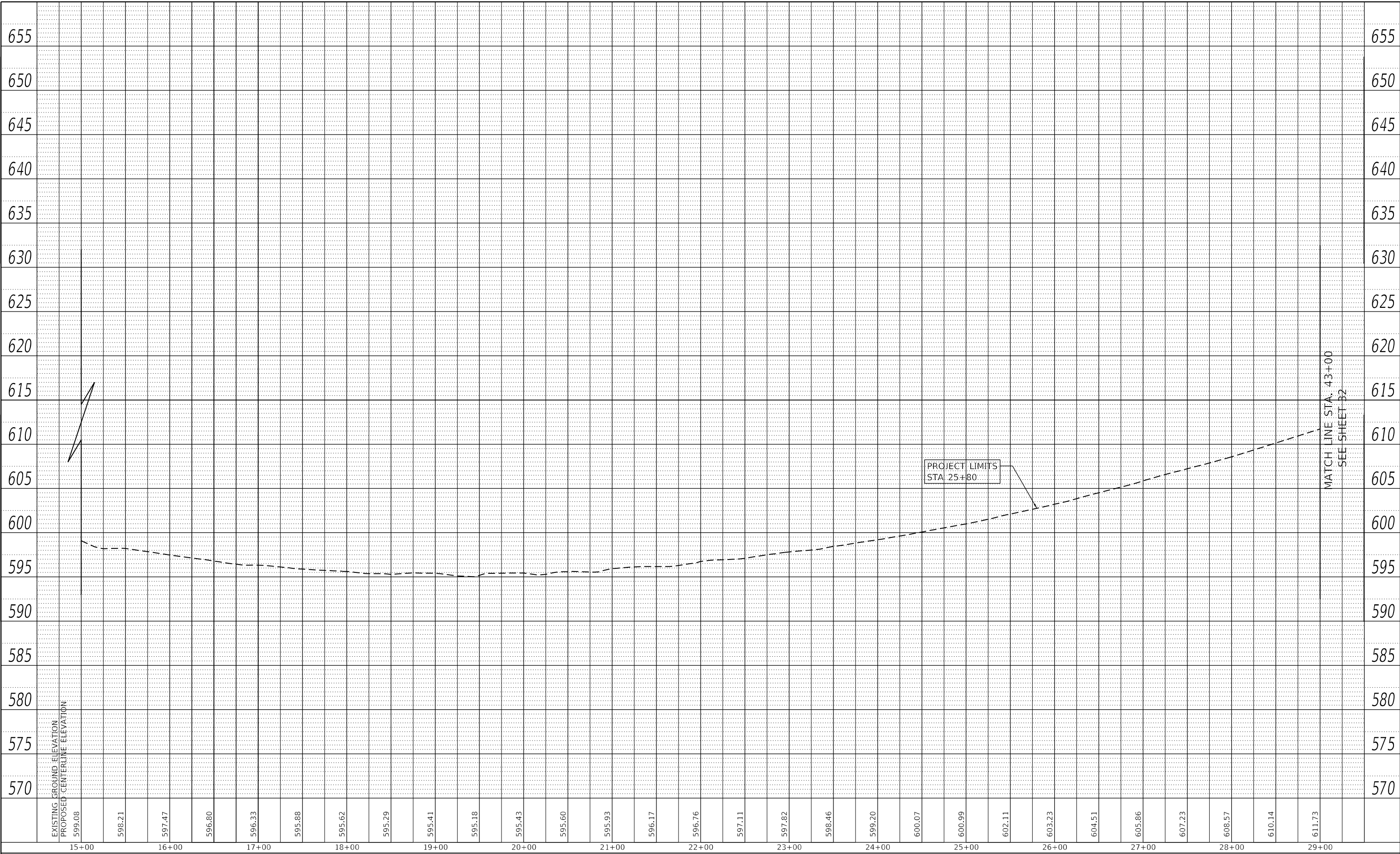


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NOTE BOOK NO.	CHECKED		
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PROFILE	SURVEYED	BY	DATE
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PLOT SCALE = 100,0000' / in.	DRAWN -	REVISED -
PLOT DATE = 10/21/2021	CHECKED -	REVISED -
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**US 1220/45 (LA GRANGE ROAD)
ROADWAY PROFILE**

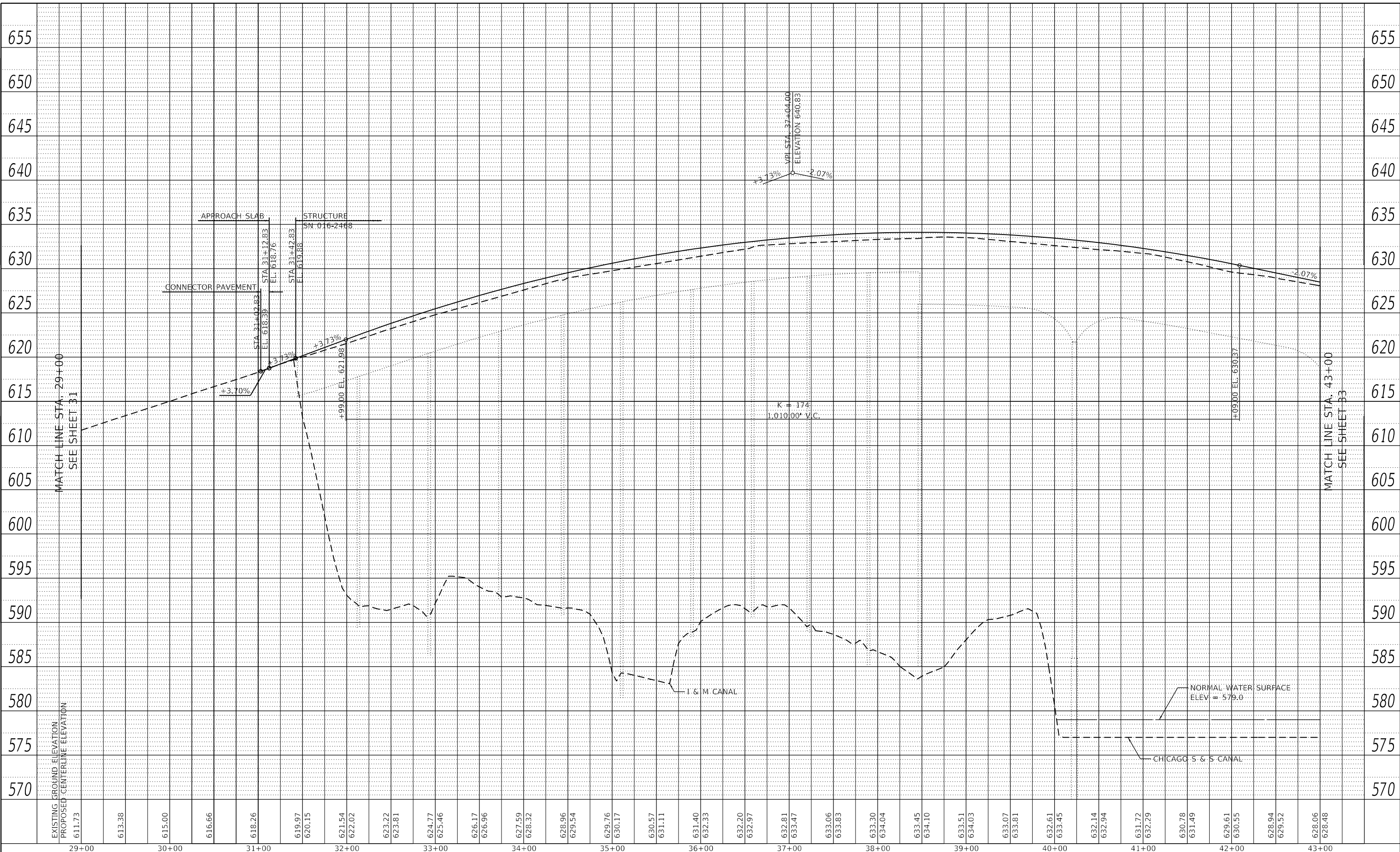
SCALE: 1" = 50' SHEET 1 OF 6 SHEETS STA. 15+00 TO STA. 29+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	2018-133-BR	COOK	308	31
CONTRACT NO. 62H49			ILLINOIS FED. AID PROJECT	

PLAN	SURVEYED	BY	DATE
	PLOTTED		
NOTE BOOK NO.	ALIGNMENT CHECKED		
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PROFILE	SURVEYED	BY	DATE
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PROPOSED CENTERLINE ELEVATION	611.73	613.38	615.00	616.66	618.26	619.97	620.15	621.54	622.02	623.22	623.81	624.77	625.46	626.17	626.96	627.59	628.32	628.96	629.54	629.76	630.17	630.57	631.11	631.40	632.33	632.20	632.97	632.81	633.47	633.06	633.83	633.30	634.04	633.45	634.10	633.51	634.03	633.07	633.81	632.61	633.45	632.14	632.94	631.72	632.29	630.78	631.49	629.61	630.55	628.94	629.52	628.06	628.48

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USER NAME	= mc
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PLOT DATE	= 10/21/2021

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STATE OF ILLINOIS
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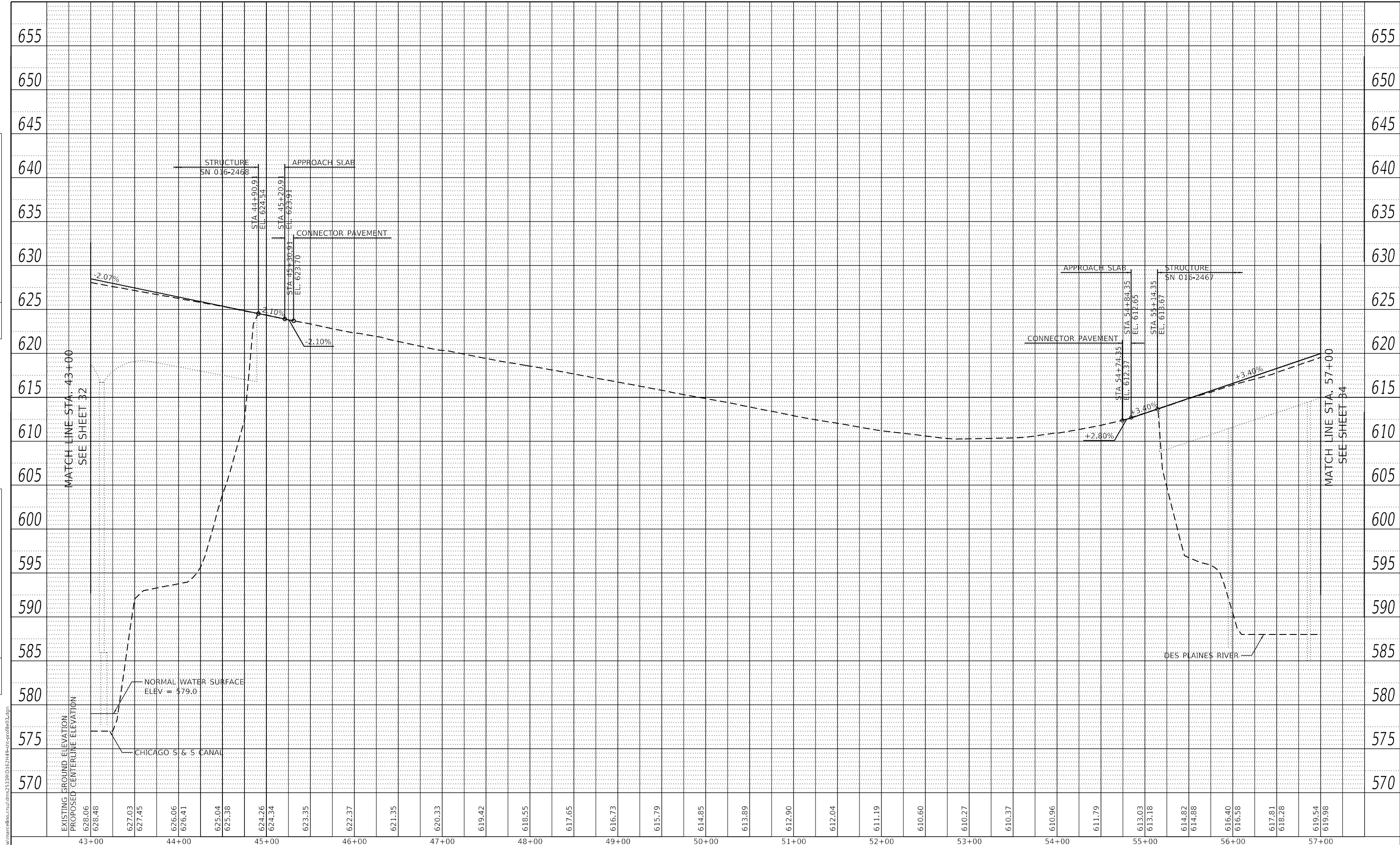
US 122045 (LA GRANGE ROAD)
ROADWAY PROFILE

SCALE: 1" = 50' SHEET 2 OF 6 SHEETS STA. 29+00 TO STA. 43+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	2018-133-BR	COOK	308	32
CONTRACT NO. 62H49			ILLINOIS FED. AID PROJECT	

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

PROFILE	SURVEYED	BY	DATE
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	CHECKED		
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	STRUCTURE		
	NOTATION		



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CIVILTECH
 Two Pierce Place, Suite 1400
 Moline, Illinois 61403
 Tel: 630.773.3900
 Fax: 630.773.3975
 www.civiltechinc.com

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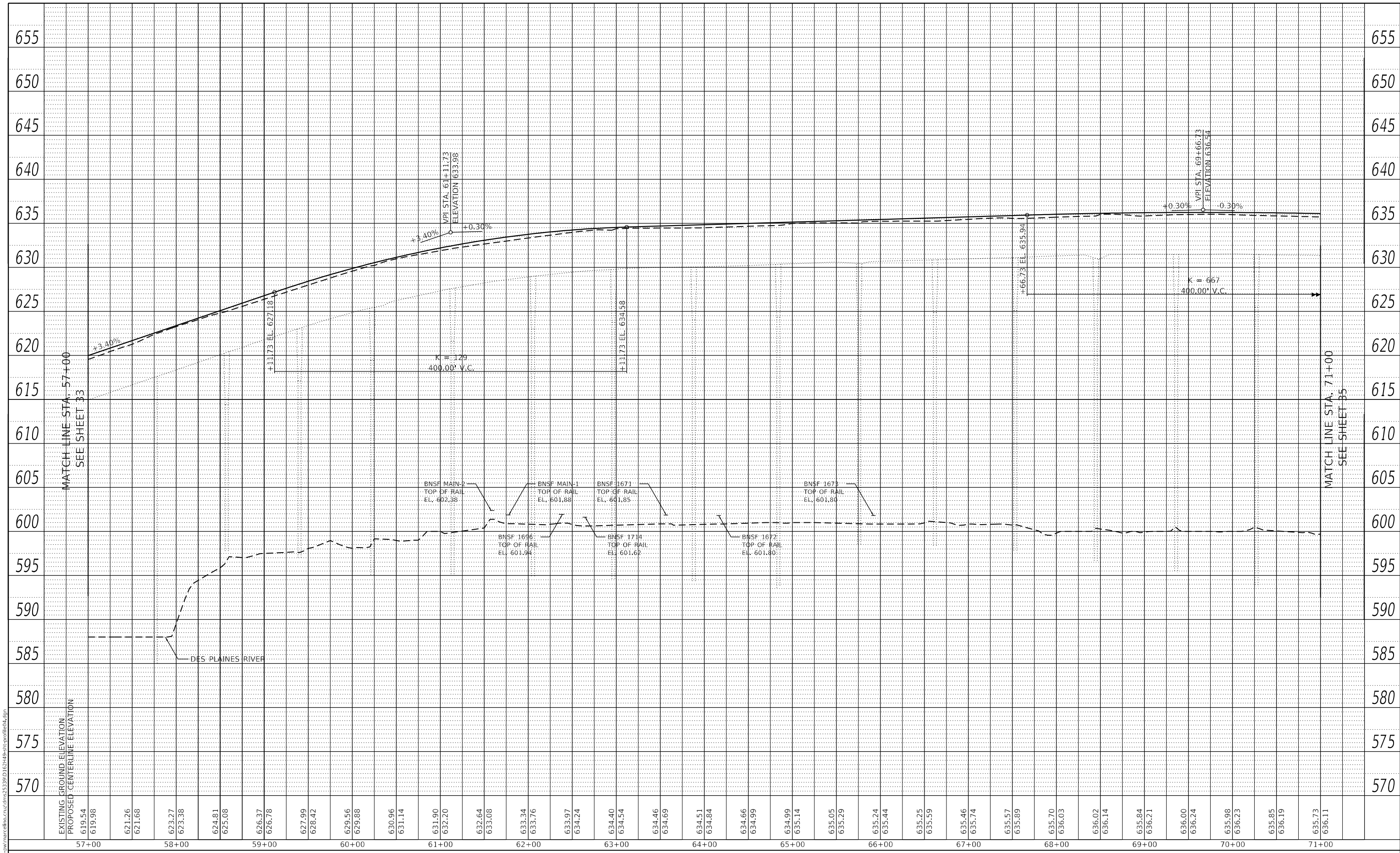
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**US 1220/45 (LA GRANGE ROAD)
 ROADWAY PROFILE**
 SCALE: 1" = 50' SHEET 3 OF 6 SHEETS STA. 43+00 TO STA. 57+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	2018-133-BR	COOK	308	33
CONTRACT NO. 62H49			ILLINOIS FED. AID PROJECT	

PLAN	SURVEYED	BY	DATE
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NOTE BOOK NO.	ALIGNMENT CHECKED		
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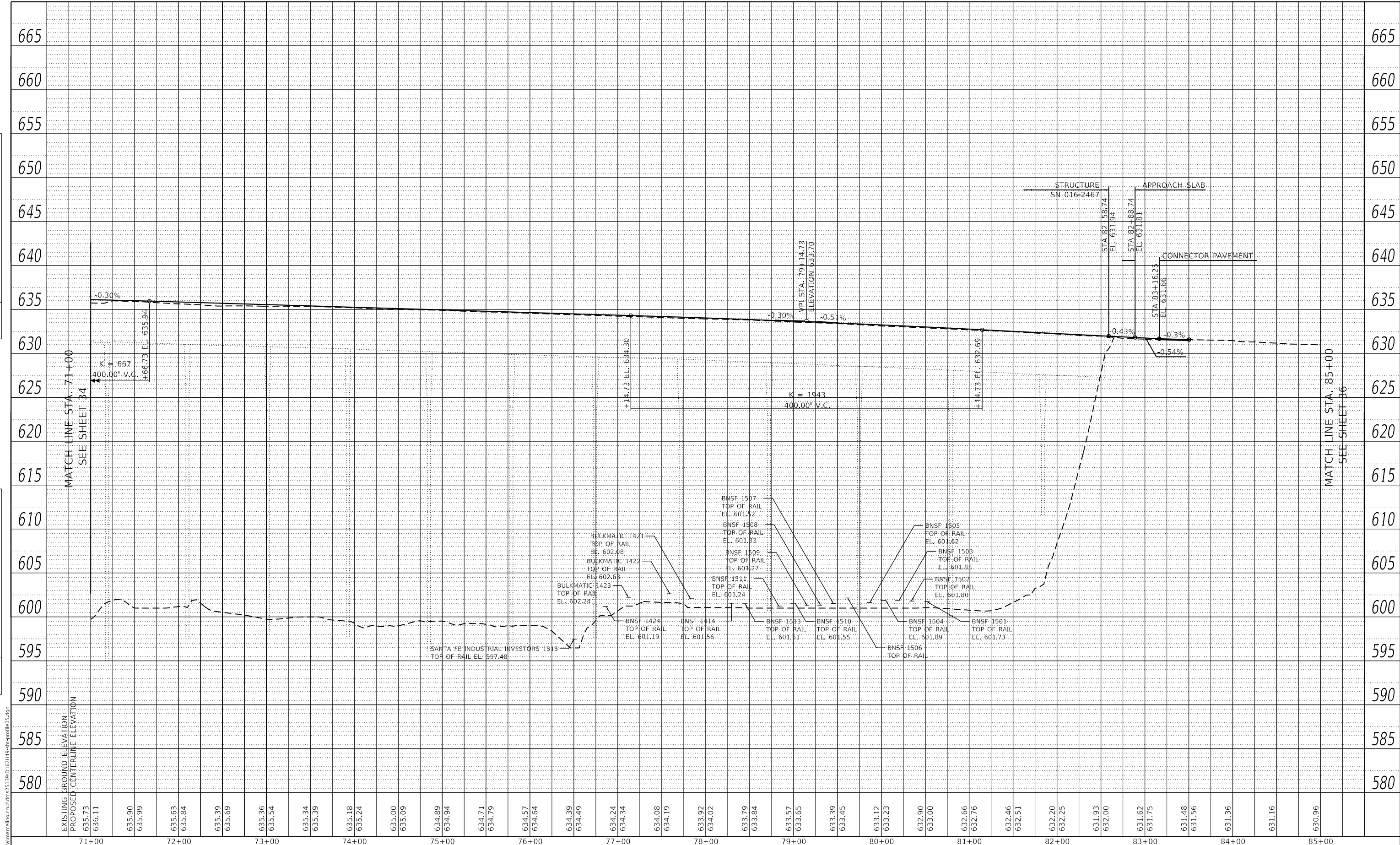
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

US 1220/45 (LA GRANGE ROAD)
 ROADWAY PROFILE
 SCALE: 1" = 50'
 SHEET 4 OF 6 SHEETS
 STA. 57+00 TO STA. 71+00

F.A.P. RTE. 330	SECTION 2018-133-BR	COUNTY COOK	TOTAL SHEETS 308	SHEET NO. 34
CONTRACT NO. 62H49			ILLINOIS FED. AID PROJECT	

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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

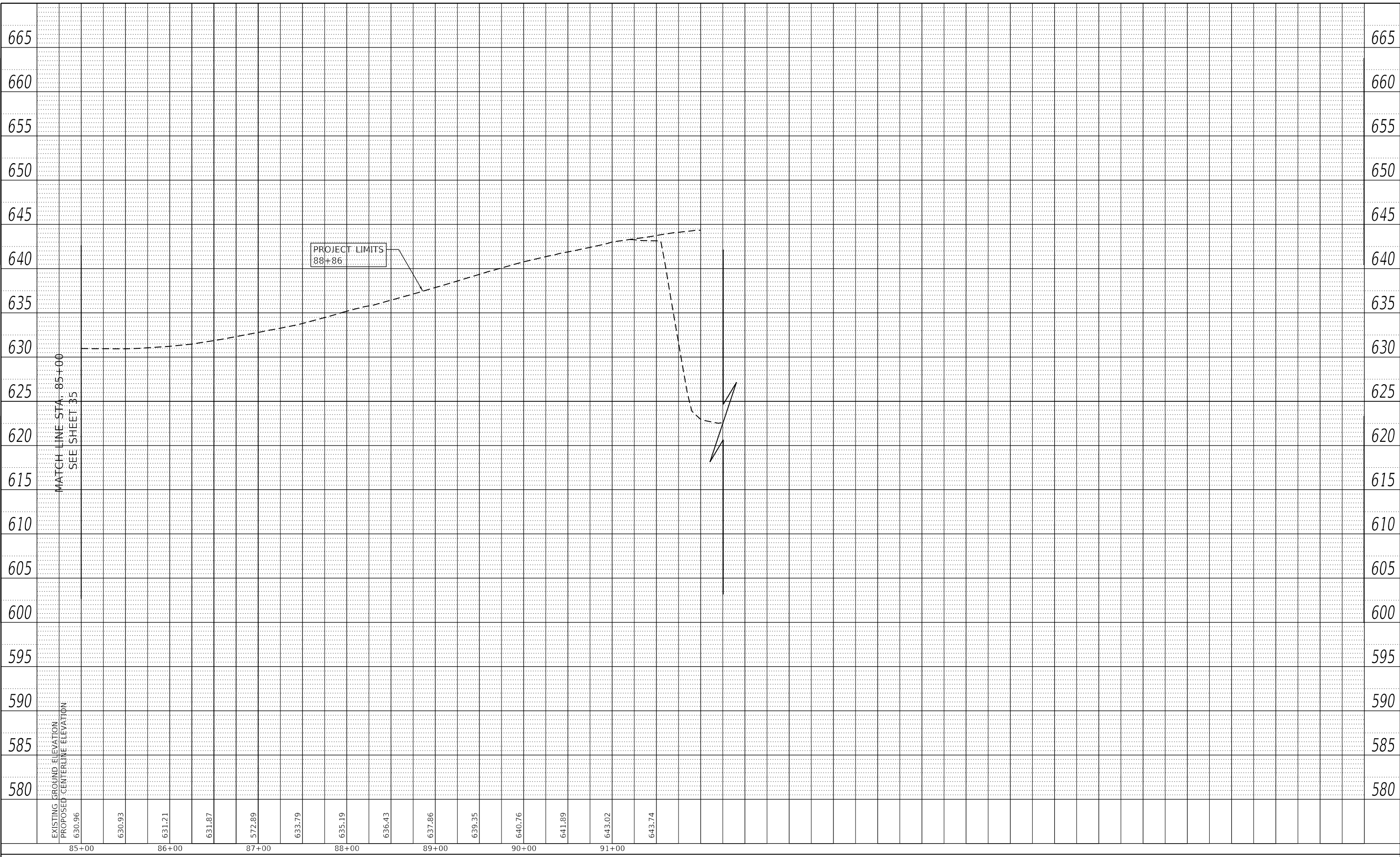
**US 122045 (LA GRANGE ROAD)
 ROADWAY PROFILE**
 SCALE: 1" = 50' SHEET 5 OF 6 SHEETS STA. 71+00 TO STA. 85+00

F.A.P. RTE. 330	SECTION 2018-133-BR	COUNTY COOK	TOTAL SHEETS 308	SHEET NO. 35
CONTRACT NO. 62H49			ILLINOIS FED. AID PROJECT	

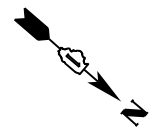
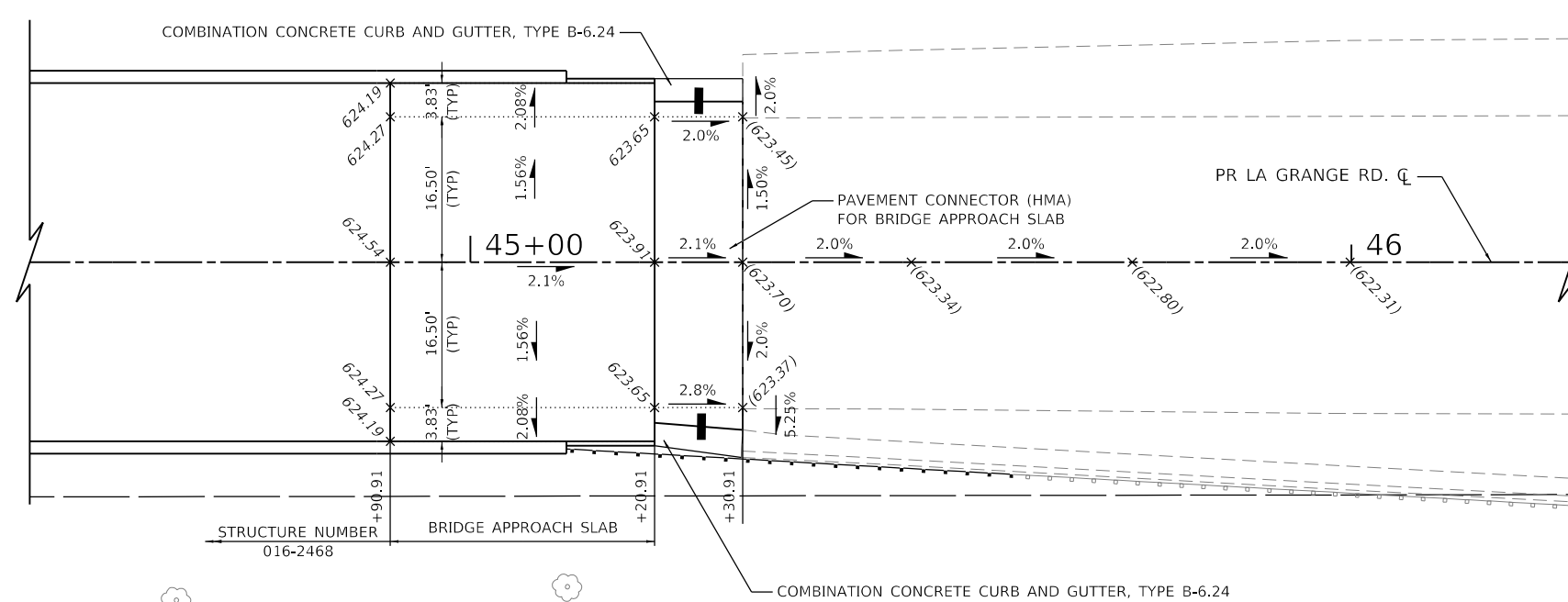
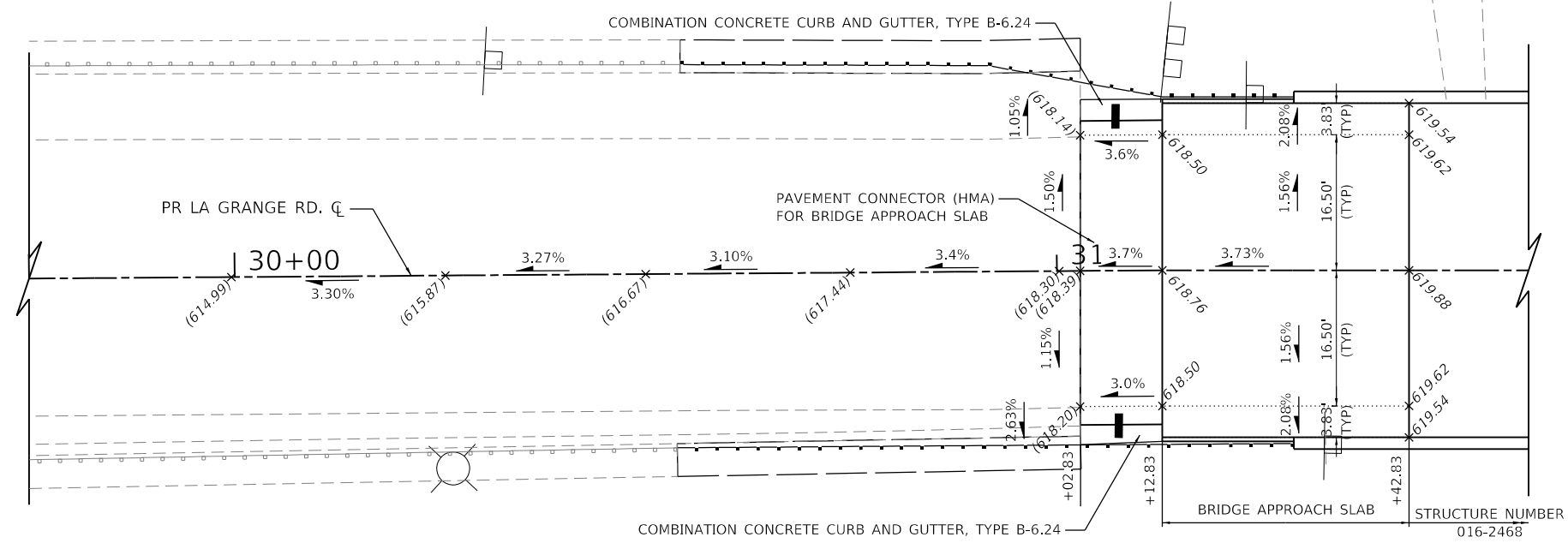
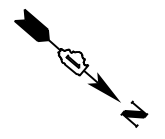
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PROFILE	SURVEYED	BY	DATE
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NOTE BOOK NO.	GRADES CHECKED		
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<p>Two Pierce Place, Suite 1400 Mascoutah, Illinois 60143 Tel: 630.773.3900 Fax: 630.773.3975 www.civiltechinc.com</p>	USER NAME = mc PLOT SCALE = 100,0000' / in. PLOT DATE = 10/21/2021	DESIGNED - DRAWN - CHECKED - DATE - 10/21/2021	REVISED - REVISED - REVISED - REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	US 1220/45 (LA GRANGE ROAD) ROADWAY PROFILE	SCALE: 1" = 50' SHEET 6 OF 6 SHEETS STA. 85+00 TO STA. 96+92	F.A.P. RTE. 330 SECTION 2018-133-BR COUNTY COOK TOTAL SHEETS 308 SHEET NO. 36 CONTRACT NO. 62H49	ILLINOIS FED. AID PROJECT
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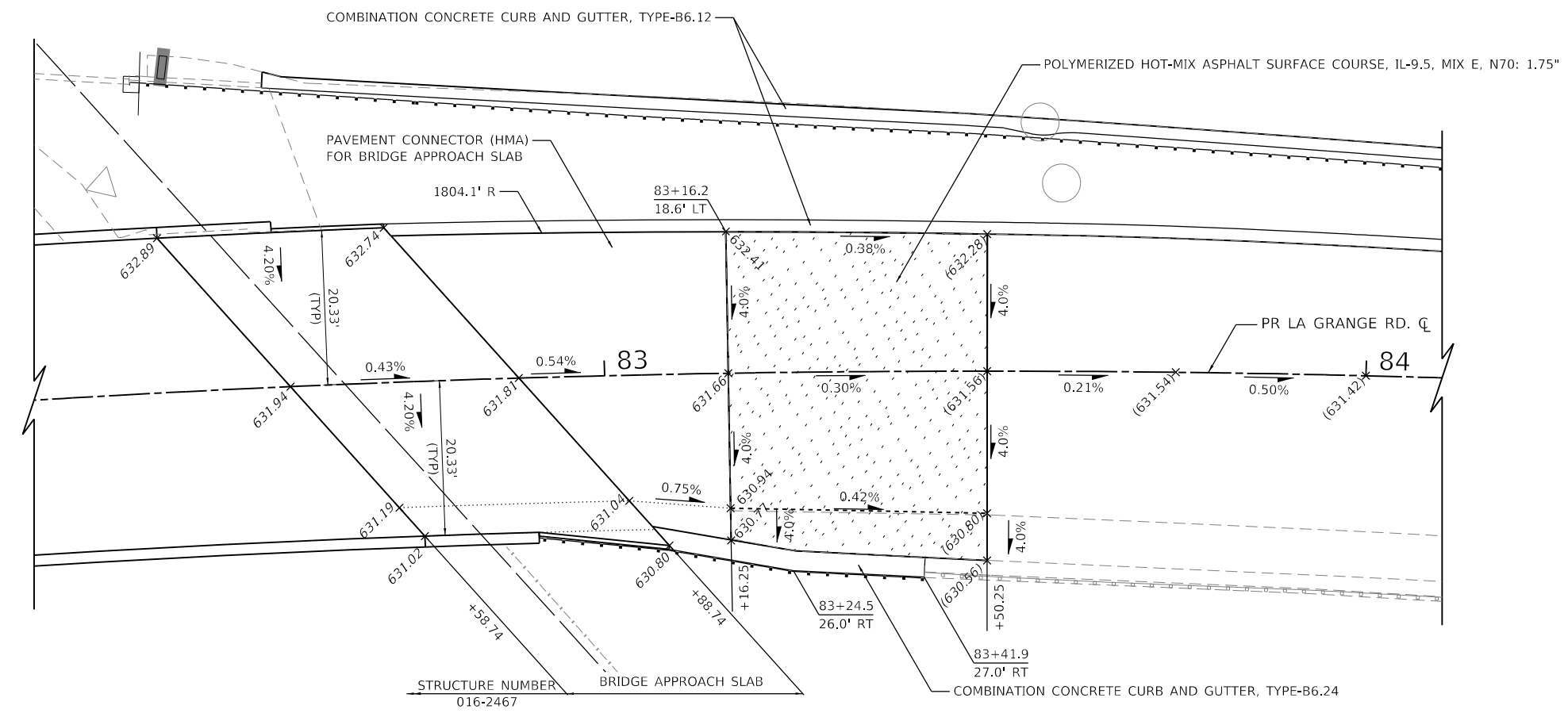
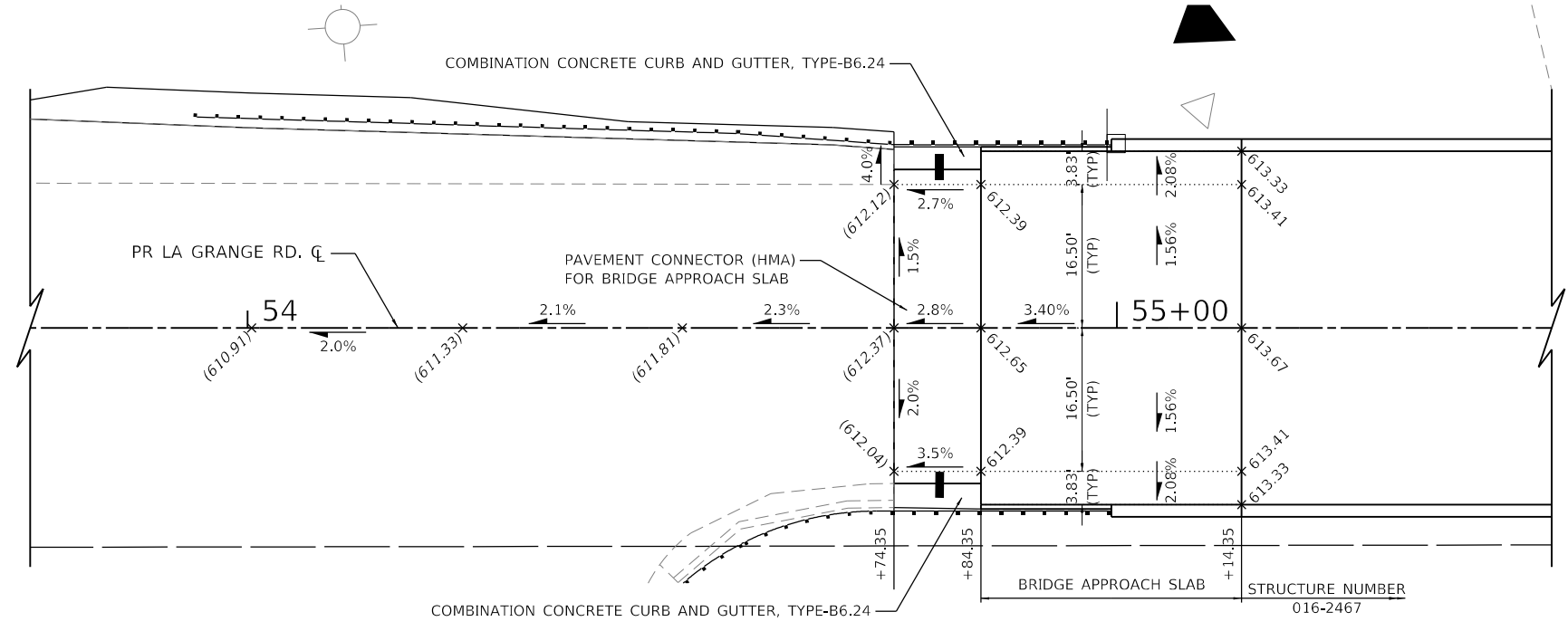
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROADWAY DETAILS
ROADWAY TIE-INS AT STRUCTURE 016-2468

SCALE: 1" = 10' SHEET 1 OF 3 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	2018-133-BR	COOK	308	37
CONTRACT NO. 62H49				
ILLINOIS FED. AID PROJECT				



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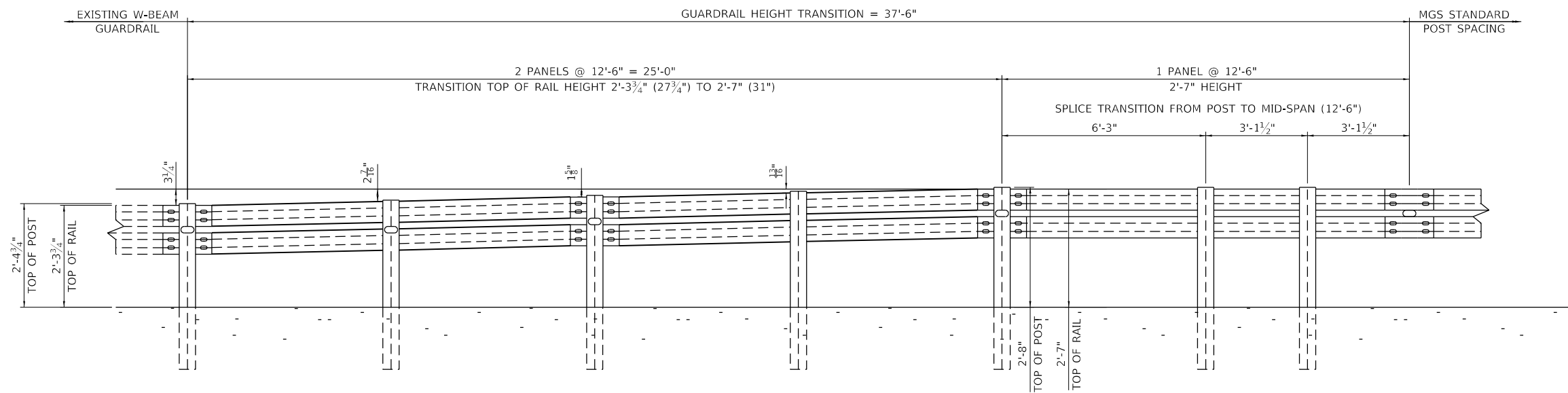
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	DATE - 10/21/2021	REVISED -

DESIGNED -	REVISED -
DRAWN -	REVISED -
CHECKED -	REVISED -
DATE - 10/21/2021	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROADWAY DETAILS			
ROADWAY TIE-INS AT STRUCTURE 016-2467			
SCALE: 1" = 10'	SHEET 2	OF 3 SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	2018-133-BR	COOK	308	38
CONTRACT NO. 62H49				
ILLINOIS FED. AID PROJECT				



HEIGHT TRANSITION: W-BEAM GUARDRAIL TO MGS

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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**ROADWAY DETAIL
 GUARDRAIL HEIGHT TRANSITION DETAIL**

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	2018-133-BR	COOK	308	39
CONTRACT NO. 62H49				
ILLINOIS FED. AID PROJECT				

MAINTENANCE OF TRAFFIC GENERAL NOTES

1. THE FURNISHING, INSTALLING AND RELOCATION OF ALL TRAFFIC CONTROL SIGNS SHALL BE IN ACCORDANCE WITH THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD), ILLINOIS SUPPLEMENT TO THE MUTCD, IDOT SPECIAL PROVISIONS, IDOT HIGHWAY STANDARDS, IDOT STANDARD SPECIFICATIONS, CONTRACT SPECIFICATIONS AND AS DETERMINED BY THE ENGINEER. ALL CONFLICTING TRAFFIC SIGNS SHALL BE COVERED AS DETERMINED BY THE ENGINEER. THIS WORK SHALL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE COST FOR "TRAFFIC CONTROL AND PROTECTION (SPECIAL)".
2. EXISTING TRAFFIC CONTROL DEVICES WITHIN THE LIMITS OF CONSTRUCTION ARE TO BE PROTECTED FROM DAMAGE BY THE CONTRACTOR. ANY DAMAGED SIGNS CAUSED BY HIS WORK SHALL BE REPLACED BY THE CONTRACTOR AND AT THE EXPENSE OF THE CONTRACTOR.
3. THE CONTRACTOR SHALL BE REQUIRED TO REMOVE ALL EXISTING PAVEMENT MARKINGS WHICH CONFLICT WITH THE DESIGNATED TRAFFIC CONTROL PLAN. THIS WORK SHALL BE PAID FOR AS PAVEMENT MARKING REMOVAL.
4. THE CONTRACTOR SHALL MAINTAIN ALL DRIVEWAYS DURING CONSTRUCTION.
5. THE CONTRACTOR SHALL REQUEST AND GAIN APPROVAL FROM THE ILLINOIS DEPARTMENT OF TRANSPORTATION'S EXPRESSWAY TRAFFIC OPERATIONS ENGINEER AT WWW.IDOTLCS.COM TWENTY-FOUR (24) HOURS IN ADVANCE OF ALL DAILY LANE, RAMP AND SHOULDER CLOSURES ON ALL FREEWAYS AND/OR EXPRESSWAYS IN DISTRICT ONE. THIS ADVANCE NOTIFICATION IS CALCULATED BASED ON WORKWEEK OF MONDAY THROUGH FRIDAY AND SHALL NOT INCLUDE WEEKENDS OR HOLIDAYS.

IDOT HIGHWAY STANDARDS

701001-02	OFF-ROAD OPERATIONS, 2L, 2W, MORE THAN 15' (4.5 M) AWAY
701006-05	OFF-ROAD OPERATIONS, 2L, 2W, 15' (4.5M) TO 24" (600 MM) FROM PAVEMENT EDGE
701011-04	OFF-ROAD MOVING OPERATIONS, 2L, 2W, DAY ONLY
701301-04	LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
701311-03	LANE CLOSURE, 2L, 2W MOVING OPERATIONS - DAY ONLY
701411-09	LANE CLOSURE, MULTILANE, AT ENTRANCE OR EXIT RAMP, FOR SPEEDS > 45 MPH
701421-08	LANE CLOSURE, MULTILANE, DAY OPERATIONS ONLY, FOR SPEEDS > 45 MPH TO 55 MPH
701422-10	LANE CLOSURE, MULTILANE, FOR SPEEDS > 45 MPH TO 55 MPH
701423-10	LANE CLOSURE, MULTILANE, WITH BARRIER, FOR SPEEDS > 45 MPH TO 55 MPH
701426-09	LANE CLOSURE, MULTILANE, INTERMITTENT OR MOVING OPERATION, FOR SPEEDS >= 45 MPH
701427-05	LANE CLOSURE, MULTILANE, INTERMITTENT OR MOVING OPERATION, FOR SPEEDS </= 40 MPH
701501-06	URBAN LANE CLOSURE, 2L 2W, UNDIVIDED
701901-09	TRAFFIC CONTROL DEVICES
704001-08	TEMPORARY CONCRETE BARRIER
780001-05	TYPICAL PAVEMENT MARKINGS
782006-01	GUARDRAIL AND BARRIER WALL REFLECTOR MOUNTING DETAILS

DISTRICT ONE STANDARDS

TC-08	ENTRANCE AND EXIT RAMP CLOSURE DETAILS
TC-10	TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS
TC-13	DISTRICT ONE TYPICAL PAVEMENT MARKINGS
TC-17	TRAFFIC CONTROL DETAILS FOR FREEWAY SHOULDER CLOSURES AND PARTIAL RAMP CLOSURES
TC-22	ARTERIAL ROAD INFORMATION SIGN

SEQUENCE OF CONSTRUCTION

PRE-STAGE CONSTRUCTION

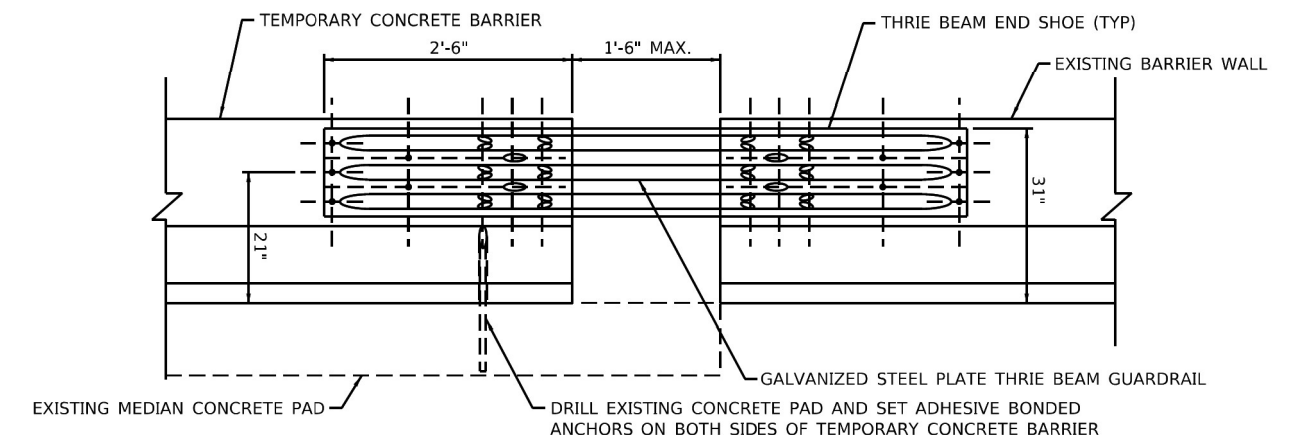
1. REMOVE EXISTING GUARDRAIL, CENTER MEDIAN, AND OTHER APPURTENANCES WHERE NOTED OR AS DIRECTED BY THE ENGINEER FOR THE INSTALLATION OF TEMPORARY PAVEMENT. THIS WORK SHALL BE PERFORMED UTILIZING IDOT STANDARD 701422 TO CLOSE THE INSIDE LANE WHEN WORKING ADJACENT TO TRAFFIC.
2. CONSTRUCT TEMPORARY PAVEMENT AT CROSSOVER LOCATIONS AS SHOWN ON THE PLANS OR AS DIRECTED BY THE ENGINEER, UTILIZING IDOT STANDARD 701422 TO CLOSE THE INSIDE LANE.
3. ESTABLISH STAGE 1 MAINTENANCE OF TRAFFIC. PLACE TRAFFIC CONTROL DEVICES PER PLAN AND IN ACCORDANCE WITH IDOT HIGHWAY STANDARDS.

STAGE 1 CONSTRUCTION

1. CLOSE NORTHBOUND US 12/20/45 (LAGRANGE ROAD) LANES. SHIFT TRAFFIC AS SHOWN IN THE MAINTENANCE OF TRAFFIC PLANS. (NORTHBOUND LANES WILL BE REDUCED TO ONE LANE NORTHBOUND AND UTILIZE THE SOUTHBOUND STRUCTURE.) SOUTHBOUND LANES WILL BE REDUCED TO TWO LANES AND UTILIZE THE SOUTHBOUND STRUCTURE.
2. CONSTRUCT NEW NORTHBOUND STRUCTURES.

END OF CONSTRUCTION

1. SHIFT NORTHBOUND TRAFFIC TO NEW NORTHBOUND STRUCTURES.
2. REMOVE MAINTENANCE OF TRAFFIC DEVICES. UNCOVER PERMANENT SIGNS.
3. REMOVE TEMPORARY PAVEMENT CROSSOVERS AND REPLACE GUARDRAIL.
4. COMPLETE PARKWAY RESTORATION AND LANDSCAPING.
5. COMPLETE PUNCH LIST ITEMS.



NOTES:

1. THE TEMPORARY CONCRETE BARRIER SHALL BE INSTALLED SUCH THAT IT IS FLUSH WITH THE EXISTING BARRIER WALL TO AVOID BLUNT END CONDITIONS.
2. THIS DETAILS APPLIES DURING STAGE CONSTRUCTION TO CONNECT TEMPORARY CONCRETE BARRIER TO EXISTING BARRIER AS SHOWN ON THE MOT PLANS
3. CONNECTION BETWEEN TEMPORARY CONCRETE BARRIER AND EXISTING BARRIER WALL SHALL BE INCLUDED IN THE COST FOR PAY ITEM 70400100, TEMPORARY CONCRETE BARRIER. NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

TEMPORARY CONCRETE BARRIER CONNECTION DETAIL

NOT TO SCALE

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**Peralta
Clark LLC**

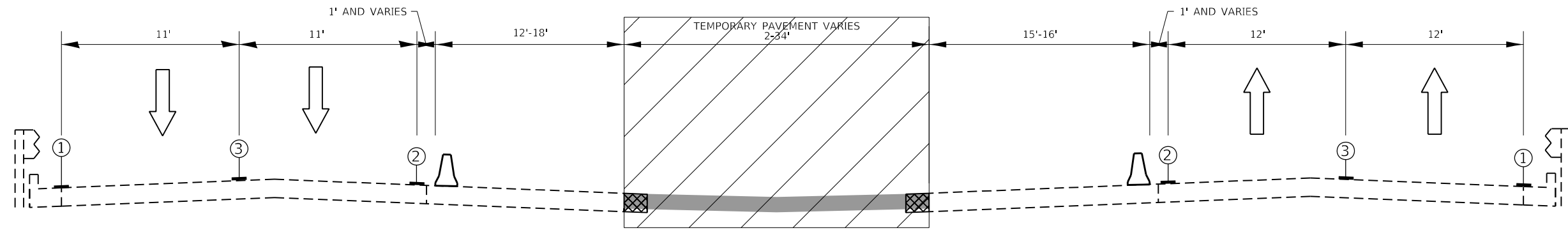
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

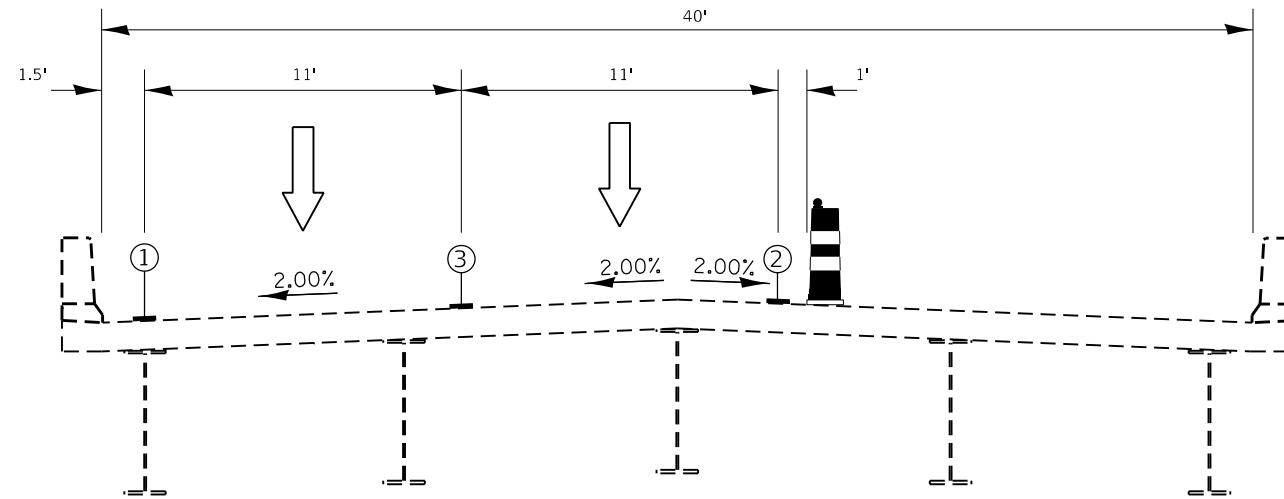
**MAINTENANCE OF TRAFFIC
GENERAL NOTES**

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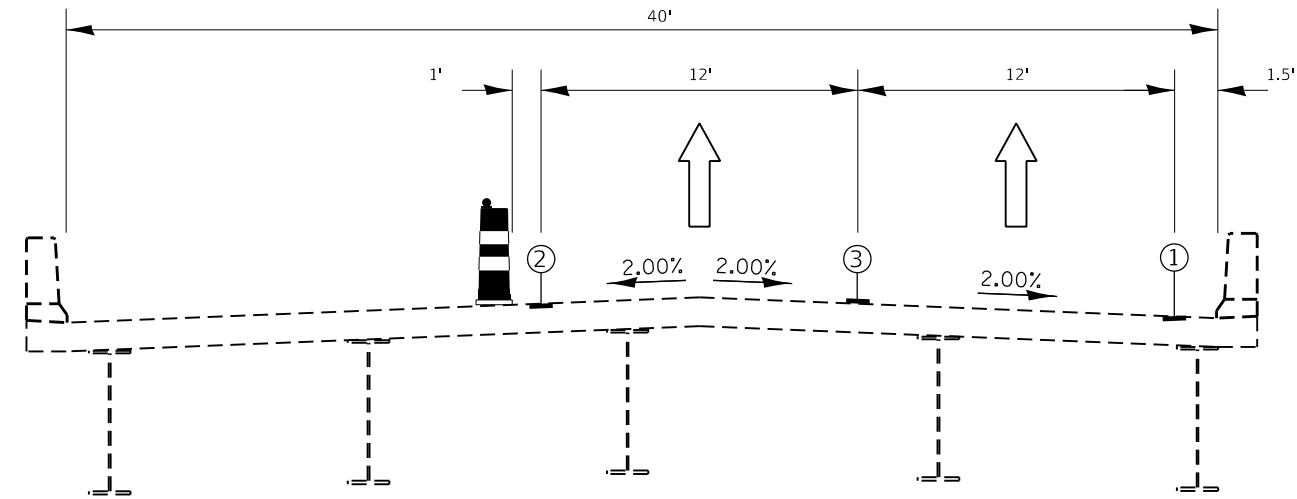
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330	2018-133-BR	COOK	308	40
CONTRACT NO. 62H49				
ILLINOIS FED. AID PROJECT				



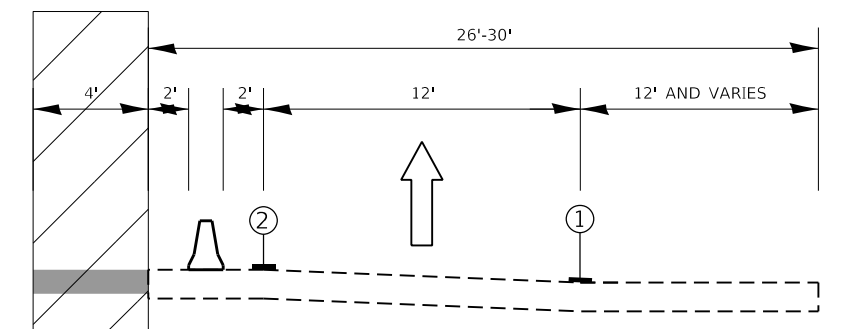
US 12/20/45 (LAGRANGE RD) - PRESTAGE
STA 25+82 TO STA 31+27
 (NOT TO SCALE)



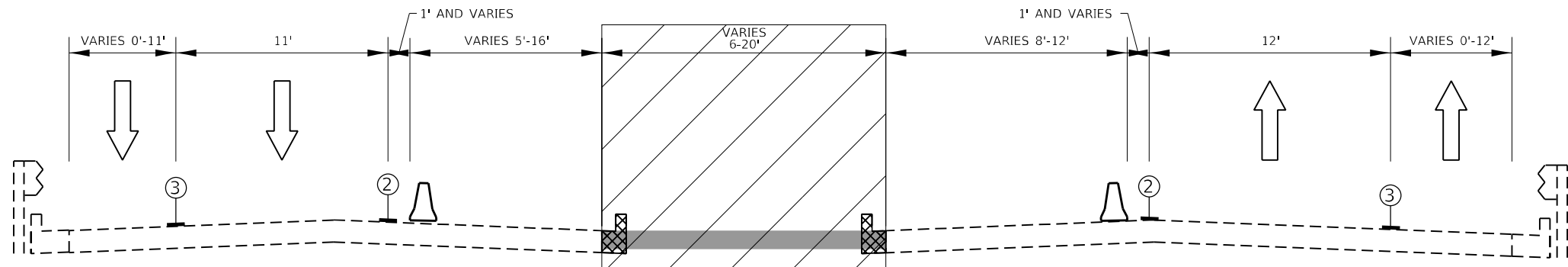
US 12/20/45 (LAGRANGE RD) - SOUTHBOUND BRIDGE PRESTAGE
STA 30+50 TO STA 82+46
 (NOT TO SCALE)



US 12/20/45 (LAGRANGE RD) - NORTHBOUND BRIDGE PRESTAGE
STA 30+90 TO STA 83+30
 (NOT TO SCALE)



IL 171 RAMP TO NB US 12/20/45 (LAGRANGE RD) - PRESTAGE
STA 17+96 TO STA 20+27
 (NOT TO SCALE)



US 12/20/45 (LAGRANGE RD) - PRESTAGE
STA 82+57 TO STA 88+86
 (NOT TO SCALE)

NOTES:

- 1. SEE GRADING SHEETS FOR CROSSOVER DETAILS
- 2. SEE REMOVAL PLANS FOR LIMITS OF SHOULDER AND CURB & GUTTER REMOVAL

MOT PLAN LEGEND



TYPE II BARRICADES OR DRUMS



TEMPORARY CONCRETE BARRIER



TEMPORARY CONCRETE BARRIER (WITH MODULAR GLARE SCREEN SYSTEM, TEMPORARY)



REMOVALS



TEMPORARY PAVEMENT



DIRECTION OF TRAFFIC



WORK ZONE



① TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV TAPE (SOLID WHITE)



② TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV TAPE (SOLID YELLOW)



③ TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV TAPE (SKIP DASH WHITE, 10' DASH - 30' SKIP)

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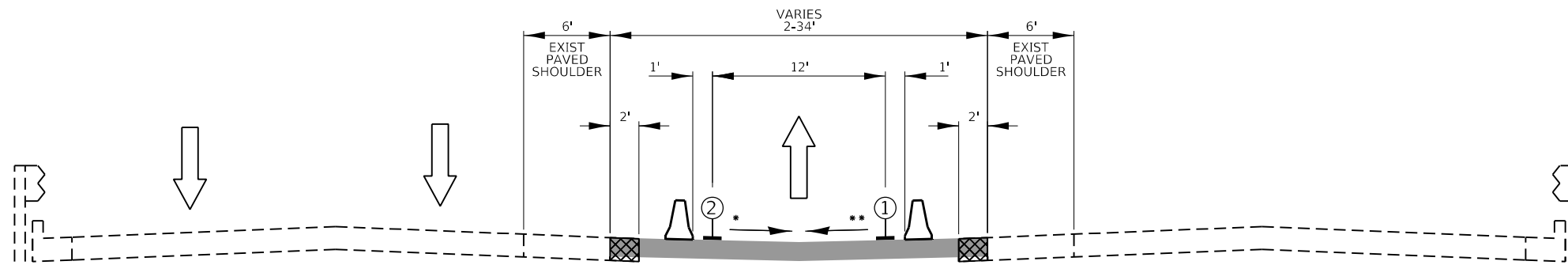
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC
TYPICAL SECTIONS - PRESTAGE

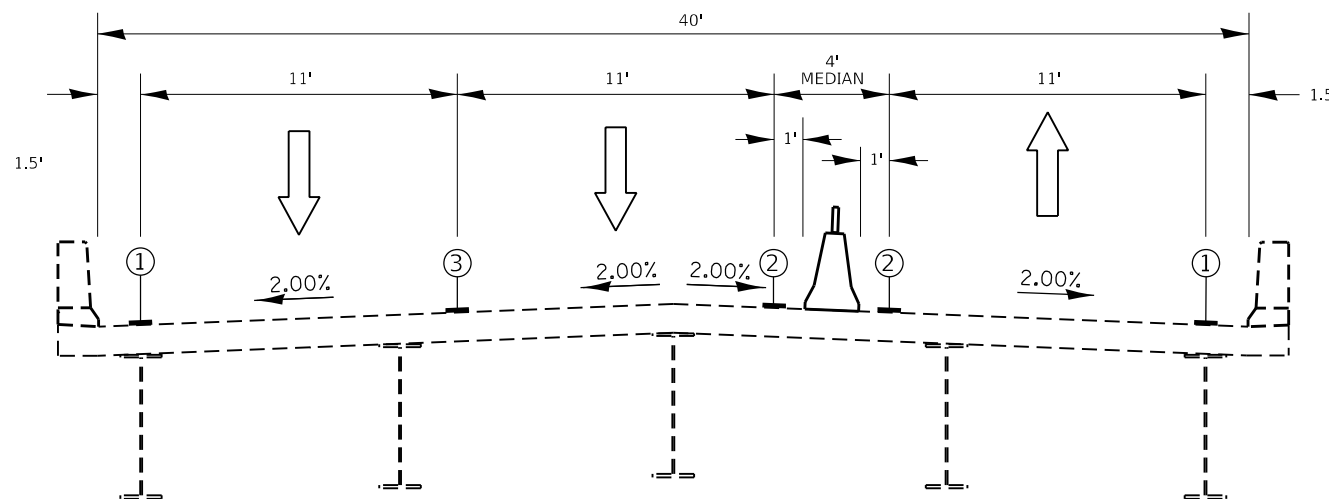
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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CONTRACT NO. 62H49				
ILLINOIS FED. AID PROJECT				

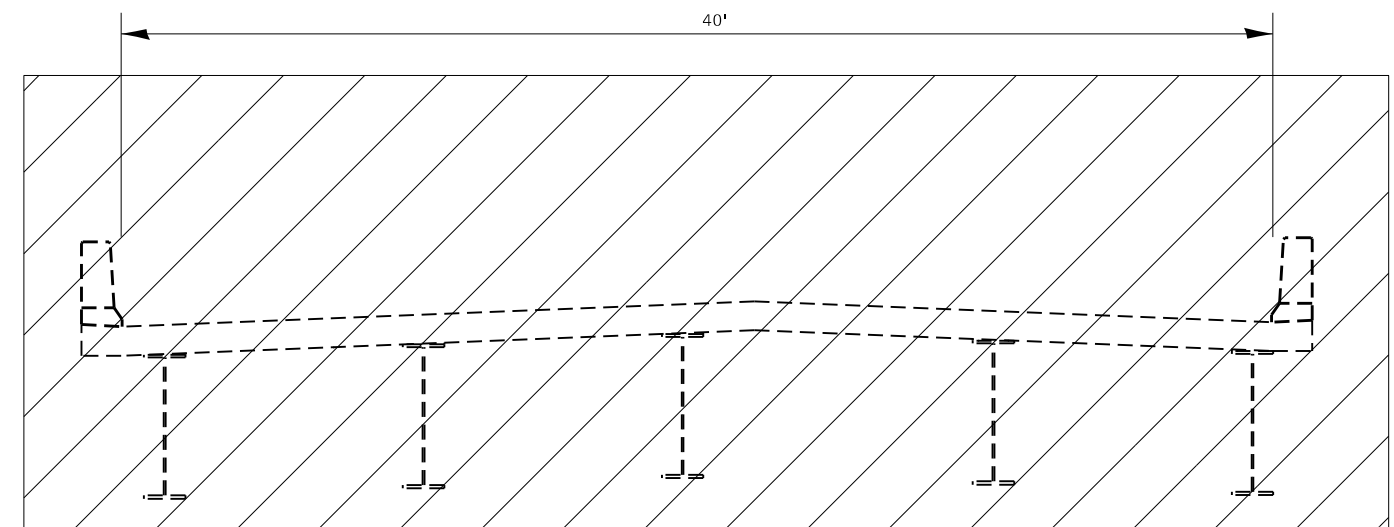


US 12/20/45 (LAGRANGE RD) – CROSSOVER
STA 25+82 TO STA 31+27
 (NOT TO SCALE)

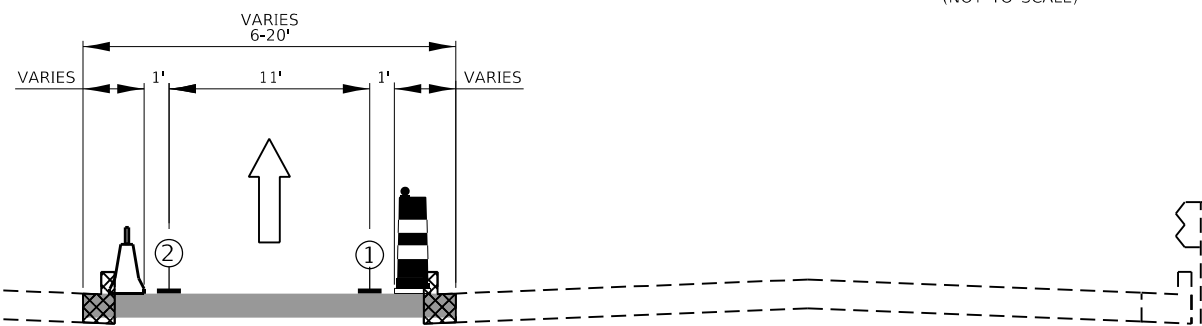
* STA 27+66 TO STA 28+00 - REFER TO CROSS OVER GRADING PLAN AND CROSS SECTIONS
 * STA 28+00 TO STA 31+27 - 2.00%
 ** STA 25+82 TO STA 27+31 - 1.00%
 ** STA 27+31 TO STA 28+00 - REFER TO CROSS OVER GRADING PLAN AND CROSS SECTIONS



US 12/20/45 (LAGRANGE RD) – SOUTHBOUND BRIDGE STAGE 1
STA 30+50 TO STA 82+46
 (NOT TO SCALE)



US 12/20/45 (LAGRANGE RD) – NORTHBOUND BRIDGE STAGE 1
STA 30+90 TO STA 83+30
 (NOT TO SCALE)



US 12/20/45 (LAGRANGE RD) – CROSSOVER
STA 82+57 TO STA 88+86
 (NOT TO SCALE)

NOTES:

- SEE GRADING SHEETS FOR CROSSOVER DETAILS
- SEE REMOVAL PLANS FOR LIMITS OF SHOULDER AND CURB & GUTTER REMOVAL

MOT PLAN LEGEND



TYPE II BARRICADES OR DRUMS



TEMPORARY CONCRETE BARRIER



TEMPORARY CONCRETE BARRIER (WITH MODULAR GLARE SCREEN SYSTEM, TEMPORARY)



REMOVALS



TEMPORARY PAVEMENT



DIRECTION OF TRAFFIC



WORK ZONE



① TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV TAPE (SOLID WHITE)



② TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV TAPE (SOLID YELLOW)



③ TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV TAPE (SKIP DASH WHITE, 10' DASH - 30' SKIP)

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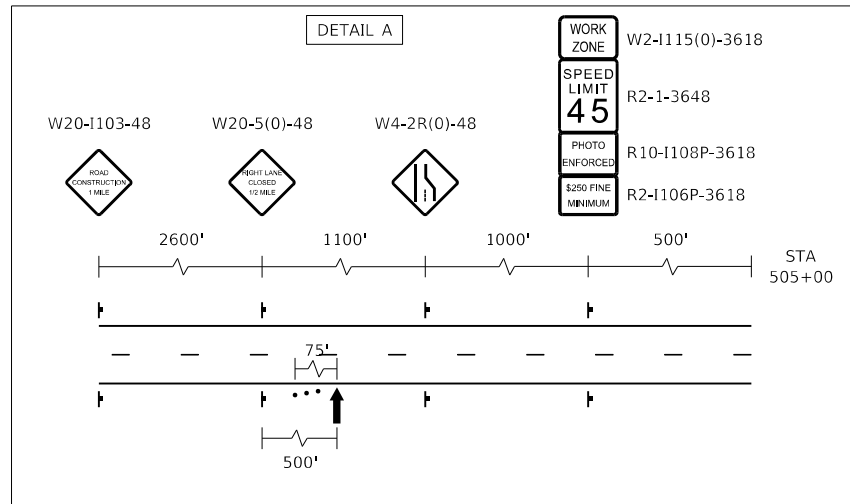
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 REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**MAINTENANCE OF TRAFFIC
 TYPICAL SECTIONS – STAGE 1**

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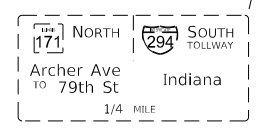
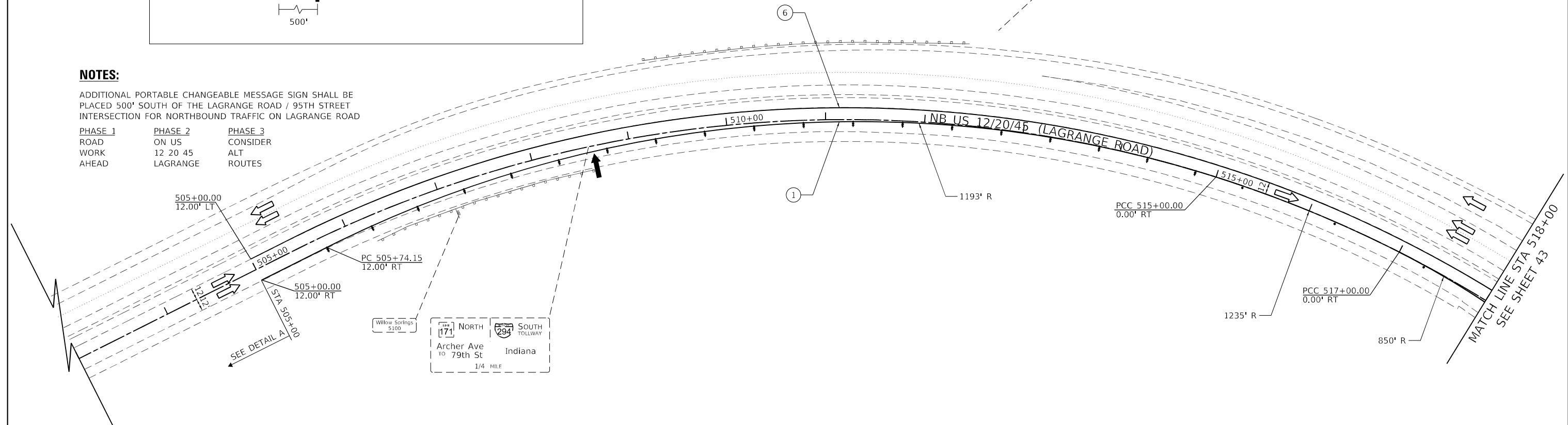
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	2018-133-BR	COOK	308	41a
CONTRACT NO. 62H49				
ILLINOIS FED. AID PROJECT				



NOTES:

ADDITIONAL PORTABLE CHANGEABLE MESSAGE SIGN SHALL BE PLACED 500' SOUTH OF THE LAGRANGE ROAD / 95TH STREET INTERSECTION FOR NORTHBOUND TRAFFIC ON LAGRANGE ROAD

PHASE 1	PHASE 2	PHASE 3
ROAD WORK AHEAD	ON US LAGRANGE	CONSIDER ALT ROUTES



LEGEND

- TYPE III BARRICADES W/ FLASHING LIGHTS
- TYPE II BARRICADES OR DRUMS W/ 50' CC MONODIRECTIONAL FLASHING LIGHT
- WORK ZONE
- TEMPORARY PAVEMENT
- DIRECTION OF TRAFFIC
- IMPACT ATTENUATORS, TEMPORARY (SEVERE USE, NARROW), TEST LEVEL 3
- TEMPORARY CONCRETE BARRIER
- FLASHING ARROW BOARD
- TEMPORARY TRAFFIC SIGN
- TEMPORARY PAVEMENT MARKING - LINE 12" - TYPE IV TAPE (WHITE)
- TEMPORARY PAVEMENT MARKING - LINE 5" - TYPE IV TAPE (SKIP DASH WHITE, 10' DASH - 30' SKIP)
- TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV TAPE (SKIP DASH WHITE, 2' DASH - 6' SKIP)
- TEMPORARY PAVEMENT MARKING - LINE 8" - TYPE IV TAPE (WHITE)
- TEMPORARY PAVEMENT MARKING - LINE 45" DIAGONALS (MINIMUM 5 EQUALLY SPACED)
- TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV TAPE (YELLOW)
- TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV TAPE (YELLOW, TWO LINES ON 8" CENTERS)
- TEMPORARY PAVEMENT MARKING - LINE 24" - TYPE IV TAPE (WHITE)

NOTES:

- TEMP. PAVEMENT SHALL BE A PART OF THE PRE STAGE WORK AND IDOT STANDARD 701422 SHALL BE FOLLOWED TO MAINTAIN TRAFFIC FOR THAT WORK.
- ESTIMATED QUANTITIES FOR MODIFIED URETHANE PAVEMENT MARKINGS HAVE BEEN INCLUDED TO ACCOUNT FOR TEMPORARY PAVEMENT MARKINGS DURING WINTER MONTHS.
- CONTRACTOR SHALL REFER TO THE CROSSOVER GRADING SHEETS FOR TEMPORARY DRAINAGE ITEMS AND CONTOURS.

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PLOT DATE = 12/2/2021	CHECKED -	REVISED -
	DATE - 10/21/2021	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**US 12/20/45 (LA GRANGE ROAD)
MAINTENANCE OF TRAFFIC PLAN - PRESTAGE**

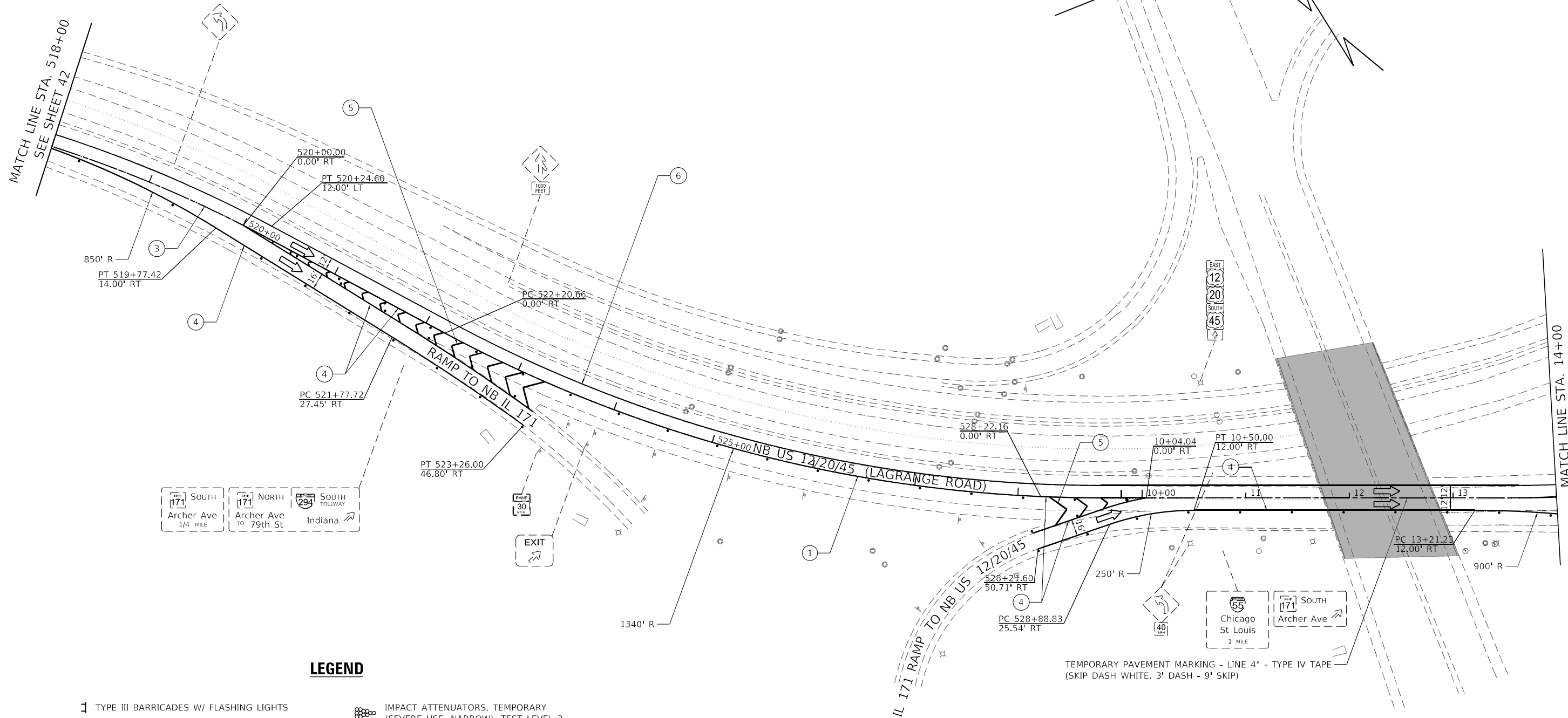
SCALE: 1" = 50' SHEET 1 OF 9 SHEETS STA. 503+00 TO STA. 518+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	2018-133-BR	COOK	308	42
CONTRACT NO. 62H49				
ILLINOIS FED. AID PROJECT				



MATCH LINE STA. 518+00
SEE SHEET 42

MATCH LINE STA. 14+00
SEE SHEET 44



LEGEND

- TYPE III BARRICADES W/ FLASHING LIGHTS
- TYPE II BARRICADES OR DRUMS W/ 50' CC MONODIRECTIONAL FLASHING LIGHT
- WORK ZONE
- TEMPORARY PAVEMENT
- DIRECTION OF TRAFFIC
- IMPACT ATTENUATORS, TEMPORARY (SEVERE USE, NARROW), TEST LEVEL 3
- TEMPORARY CONCRETE BARRIER
- FLASHING ARROW BOARD
- TEMPORARY TRAFFIC SIGN
- TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV TAPE (WHITE)
- TEMPORARY PAVEMENT MARKING - LINE 5" - TYPE IV TAPE (SKIP DASH WHITE, 10' DASH - 30' SKIP)
- TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV TAPE (SKIP DASH WHITE, 2' DASH - 6' SKIP)
- TEMPORARY PAVEMENT MARKING - LINE 8" - TYPE IV TAPE (WHITE)
- TEMPORARY PAVEMENT MARKING - LINE 12" - TYPE IV TAPE (WHITE 45° DIAGONALS) (MINIMUM 5 EQUALLY SPACED)
- TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV TAPE (YELLOW)
- TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV TAPE (YELLOW, TWO LINES ON 8" CENTERS)
- TEMPORARY PAVEMENT MARKING - LINE 24" - TYPE IV TAPE (WHITE)

NOTES:

1. TEMP. PAVEMENT SHALL BE A PART OF THE PRE STAGE WORK AND IDOT STANDARD 701422 SHALL BE FOLLOWED TO MAINTAIN TRAFFIC FOR THAT WORK.
2. ESTIMATED QUANTITIES FOR MODIFIED URETHANE PAVEMENT MARKINGS HAVE BEEN INCLUDED TO ACCOUNT FOR TEMPORARY PAVEMENT MARKINGS DURING WINTER MONTHS.
3. CONTRACTOR SHALL REFER TO THE CROSSOVER GRADING SHEETS FOR TEMPORARY DRAINAGE ITEMS AND CONTOURS.

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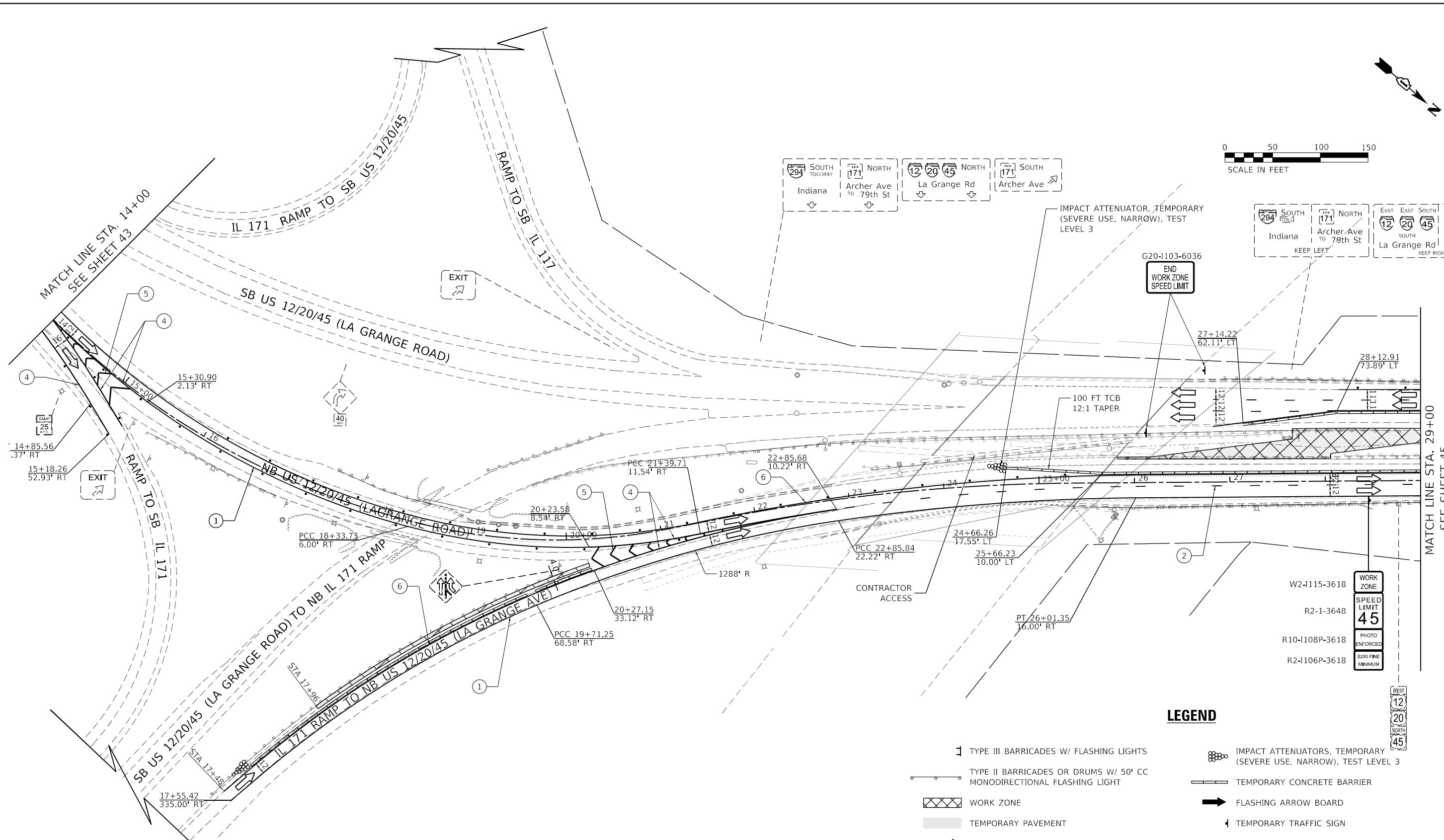
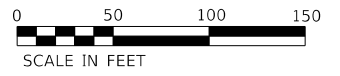
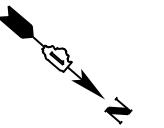
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**US 12/20/45 (LA GRANGE ROAD)
MAINTENANCE OF TRAFFIC PLAN - PRESTAGE**

SCALE: 1" = 50' SHEET 2 OF 9 SHEETS STA. 518+00 TO STA. 14+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	2018-133-BR	COOK	308	43
CONTRACT NO. 62H49				
ILLINOIS FED. AID PROJECT				



NOTES:

1. TEMP. PAVEMENT SHALL BE A PART OF THE PRE STAGE WORK AND IDOT STANDARD 701422 SHALL BE FOLLOWED TO MAINTAIN TRAFFIC FOR THAT WORK.
2. ESTIMATED QUANTITIES FOR MODIFIED URETHANE PAVEMENT MARKINGS HAVE BEEN INCLUDED TO ACCOUNT FOR TEMPORARY PAVEMENT MARKINGS DURING WINTER MONTHS.
3. CONTRACTOR SHALL REFER TO THE CROSSOVER GRADING SHEETS FOR TEMPORARY DRAINAGE ITEMS AND CONTOURS.

LEGEND

- 1 TYPE III BARRICADES W/ FLASHING LIGHTS
- 2 TYPE II BARRICADES OR DRUMS W/ 50' CC MONODIRECTIONAL FLASHING LIGHT
- 3 WORK ZONE
- 4 TEMPORARY PAVEMENT
- 5 DIRECTION OF TRAFFIC
- 6 1 TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV TAPE (WHITE)
- 7 2 TEMPORARY PAVEMENT MARKING - LINE 5" - TYPE IV TAPE (SKIP DASH WHITE, 10' DASH - 30' SKIP)
- 8 3 TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV TAPE (SKIP DASH WHITE, 2' DASH - 6' SKIP)
- 9 4 TEMPORARY PAVEMENT MARKING - LINE 8" - TYPE IV TAPE (WHITE)
- 10 5 TEMPORARY PAVEMENT MARKING - LINE 12" - TYPE IV TAPE (WHITE 45° DIAGONALS) (MINIMUM 5 EQUALLY SPACED)
- 11 6 TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV TAPE (YELLOW)
- 12 7 TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV TAPE (YELLOW, TWO LINES ON 8" CENTERS)
- 13 8 TEMPORARY PAVEMENT MARKING - LINE 24" - TYPE IV TAPE (WHITE)
- 14 IMPACT ATTENUATORS, TEMPORARY (SEVERE USE, NARROW), TEST LEVEL 3
- 15 TEMPORARY CONCRETE BARRIER
- 16 FLASHING ARROW BOARD
- 17 TEMPORARY TRAFFIC SIGN



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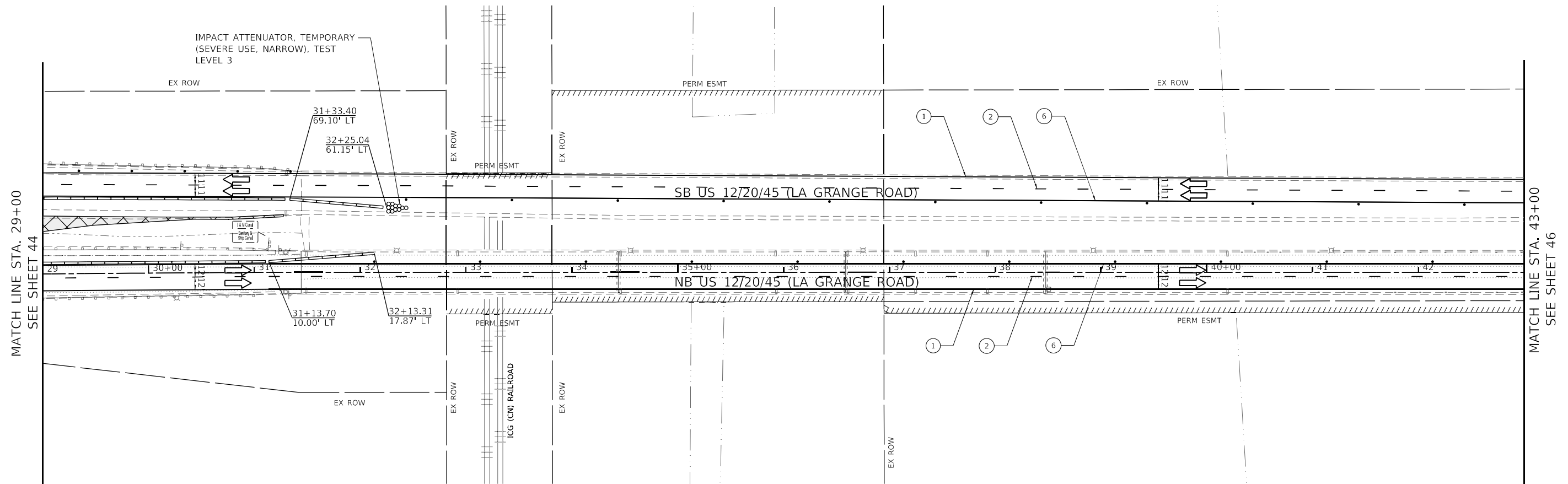
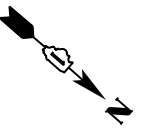
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**US 12/20/45 (LA GRANGE ROAD)
MAINTENANCE OF TRAFFIC PLAN - PRESTAGE**

SCALE: 1" = 50' SHEET 3 OF 9 SHEETS STA. 15+00 TO STA. 29+00

F.A.P. RTE. 330	SECTION 2018-133-BR	COUNTY COOK	TOTAL SHEETS 308	SHEET NO. 44
CONTRACT NO. 62H49				
ILLINOIS FED. AID PROJECT				

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LEGEND

- TYPE III BARRICADES W/ FLASHING LIGHTS
- TYPE II BARRICADES OR DRUMS W/ 50' CC MONODIRECTIONAL FLASHING LIGHT
- WORK ZONE
- TEMPORARY PAVEMENT
- DIRECTION OF TRAFFIC
- IMPACT ATTENUATORS, TEMPORARY (SEVERE USE, NARROW), TEST LEVEL 3
- TEMPORARY CONCRETE BARRIER
- FLASHING ARROW BOARD
- TEMPORARY TRAFFIC SIGN
- TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV TAPE (WHITE)
- TEMPORARY PAVEMENT MARKING - LINE 5" - TYPE IV TAPE (SKIP DASH WHITE, 10' DASH - 30' SKIP)
- TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV TAPE (SKIP DASH WHITE, 2' DASH - 6' SKIP)
- TEMPORARY PAVEMENT MARKING - LINE 8" - TYPE IV TAPE (WHITE)
- TEMPORARY PAVEMENT MARKING - LINE 12" - TYPE IV TAPE (WHITE 45° DIAGONALS) (MINIMUM 5 EQUALLY SPACED)
- TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV TAPE (YELLOW)
- TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV TAPE (YELLOW, TWO LINES ON 8" CENTERS)
- TEMPORARY PAVEMENT MARKING - LINE 24" - TYPE IV TAPE (WHITE)

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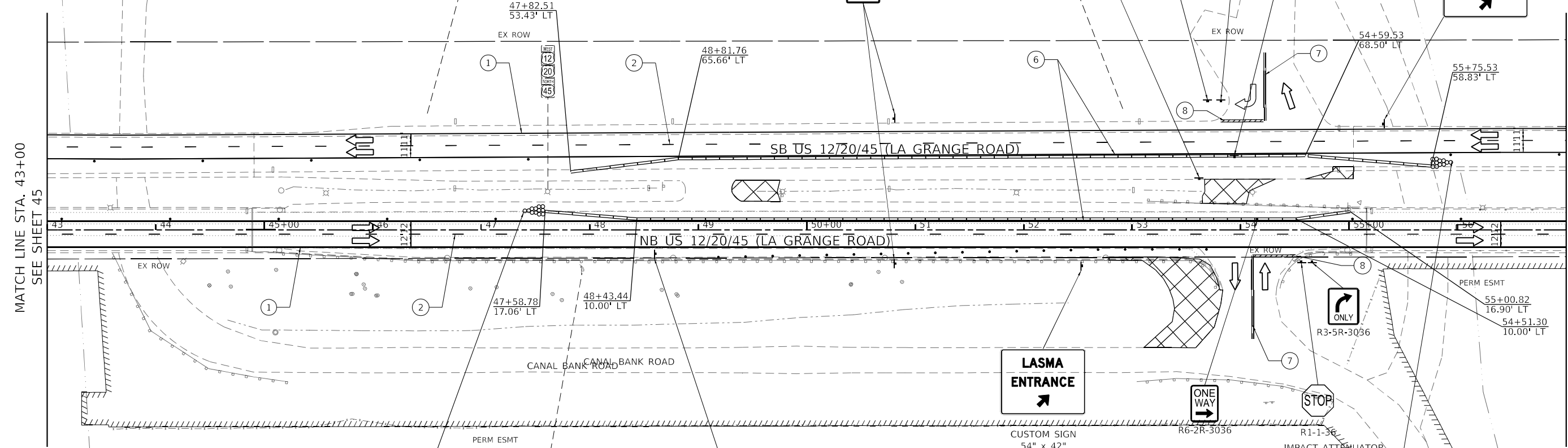
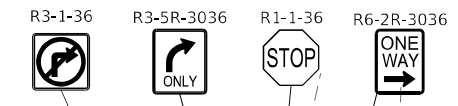
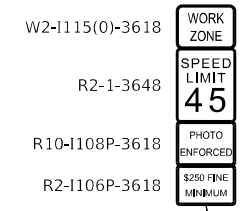
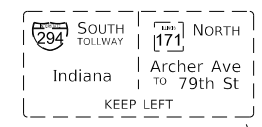
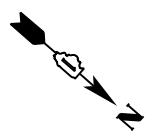
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	DATE - 10/21/2021	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**US 1220/45 (LA GRANGE ROAD)
MAINTENANCE OF TRAFFIC PLAN - PRESTAGE**

SCALE: 1" = 50' SHEET 4 OF 9 SHEETS STA. 29+00 TO STA. 43+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	2018-133-BR	COOK	308	45
CONTRACT NO. 62H49				
ILLINOIS		FED. AID PROJECT		



IMPACT ATTENUATOR, TEMPORARY (SEVERE USE, NARROW), TEST LEVEL 3



CUSTOM SIGN 84" x 30" SEE SIGN DETAILS



CUSTOM SIGN 54" x 42" SEE SIGN DETAILS

LEGEND

- TYPE III BARRICADES W/ FLASHING LIGHTS
- TYPE II BARRICADES OR DRUMS W/ 50' CC MONODIRECTIONAL FLASHING LIGHT
- WORK ZONE
- TEMPORARY PAVEMENT
- DIRECTION OF TRAFFIC
- IMPACT ATTENUATORS, TEMPORARY (SEVERE USE, NARROW), TEST LEVEL 3
- TEMPORARY CONCRETE BARRIER
- FLASHING ARROW BOARD
- TEMPORARY TRAFFIC SIGN

- ① TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV TAPE (WHITE)
- ② TEMPORARY PAVEMENT MARKING - LINE 5" - TYPE IV TAPE (SKIP DASH WHITE, 10' DASH - 30' SKIP)
- ③ TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV TAPE (SKIP DASH WHITE, 2' DASH - 6' SKIP)
- ④ TEMPORARY PAVEMENT MARKING - LINE 8" - TYPE IV TAPE (WHITE)
- ⑤ TEMPORARY PAVEMENT MARKING - LINE 12"- TYPE IV TAPE (WHITE 45° DIAGONALS) (MINIMUM 5 EQUALLY SPACED)
- ⑥ TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV TAPE (YELLOW)
- ⑦ TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV TAPE (YELLOW, TWO LINES ON 8" CENTERS)
- ⑧ TEMPORARY PAVEMENT MARKING - LINE 24"- TYPE IV TAPE (WHITE)

NOTES:

1. THE CONTRACTOR WILL BE REQUIRED TO ACCOMMODATE VEHICLES EXITING NB US 12/20/45 (LAGRANGE ROAD) TO THE LASMA FACILITY

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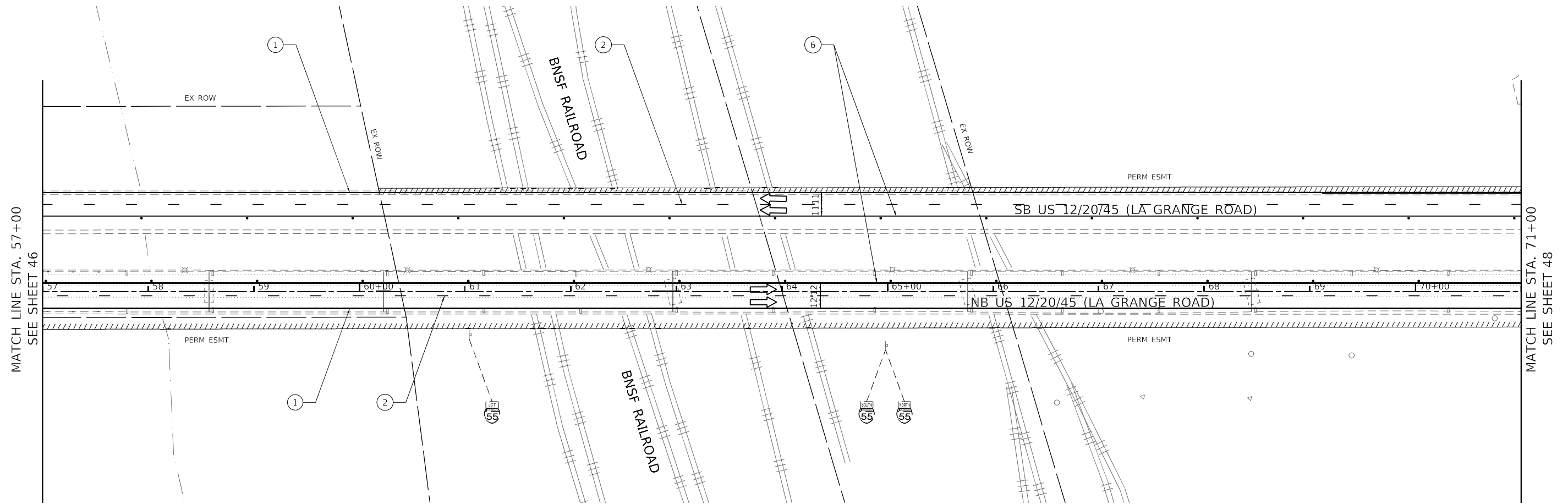
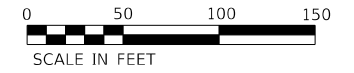
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**US 12/20/45 (LA GRANGE ROAD)
MAINTENANCE OF TRAFFIC PLAN - PRESTAGE**

SCALE: 1" = 50' SHEET 5 OF 9 SHEETS STA. 43+00 TO STA. 57+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	2018-133-BR	COOK	308	46
CONTRACT NO. 62H49				
ILLINOIS FED. AID PROJECT				



LEGEND

- TYPE III BARRICADES W/ FLASHING LIGHTS
- TYPE II BARRICADES OR DRUMS W/ 50' CC MONODIRECTIONAL FLASHING LIGHT
- WORK ZONE
- TEMPORARY PAVEMENT
- DIRECTION OF TRAFFIC
- IMPACT ATTENUATORS, TEMPORARY (SEVERE USE, NARROW), TEST LEVEL 3
- TEMPORARY CONCRETE BARRIER
- FLASHING ARROW BOARD
- TEMPORARY TRAFFIC SIGN
- ① TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV TAPE (WHITE)
- ② TEMPORARY PAVEMENT MARKING - LINE 5" - TYPE IV TAPE (SKIP DASH WHITE, 10' DASH - 30' SKIP)
- ③ TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV TAPE (SKIP DASH WHITE, 2' DASH - 6' SKIP)
- ④ TEMPORARY PAVEMENT MARKING - LINE 8" - TYPE IV TAPE (WHITE)
- ⑤ TEMPORARY PAVEMENT MARKING - LINE 12"- TYPE IV TAPE (WHITE 45° DIAGONALS) (MINIMUM 5 EQUALLY SPACED)
- ⑥ TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV TAPE (YELLOW)
- ⑦ TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV TAPE (YELLOW, TWO LINES ON 8" CENTERS)
- ⑧ TEMPORARY PAVEMENT MARKING - LINE 24"- TYPE IV TAPE (WHITE)

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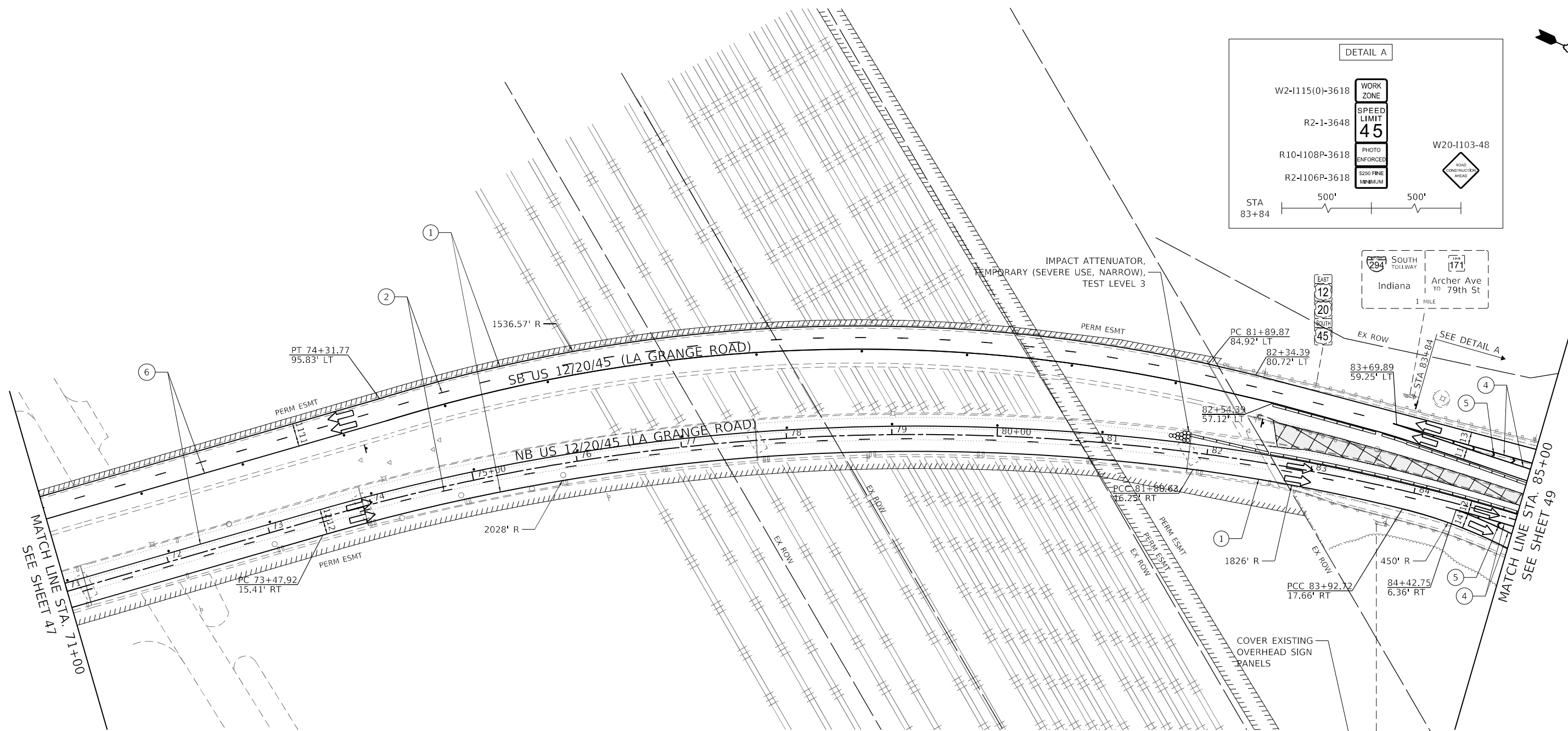
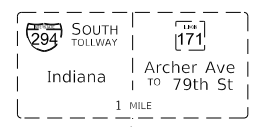
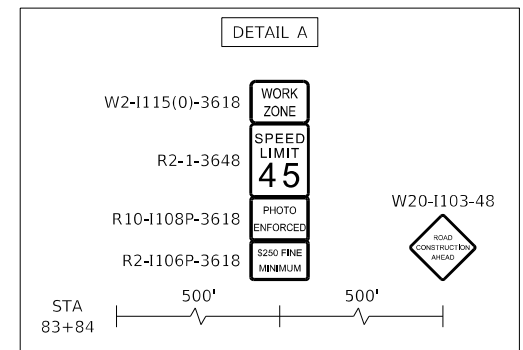
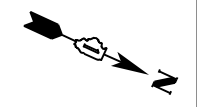
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**US 12/20/45 (LA GRANGE ROAD)
MAINTENANCE OF TRAFFIC PLAN - PRESTAGE**

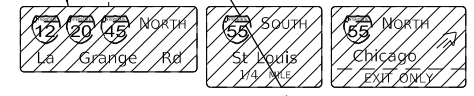
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	2018-133-BR	COOK	308	47
CONTRACT NO. 62H49				
ILLINOIS FED. AID PROJECT				



LEGEND

- 1 TYPE III BARRICADES W/ FLASHING LIGHTS
- 2 TYPE II BARRICADES OR DRUMS W/ 50' CC MONODIRECTIONAL FLASHING LIGHT
- 3 WORK ZONE
- 4 TEMPORARY PAVEMENT
- 5 DIRECTION OF TRAFFIC
- 6 IMPACT ATTENUATORS, TEMPORARY (SEVERE USE, NARROW), TEST LEVEL 3
- 7 TEMPORARY CONCRETE BARRIER
- 8 FLASHING ARROW BOARD
- 9 TEMPORARY TRAFFIC SIGN
- 10 TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV TAPE (WHITE)
- 11 TEMPORARY PAVEMENT MARKING - LINE 5" - TYPE IV TAPE (SKIP DASH WHITE, 10' DASH - 30' SKIP)
- 12 TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV TAPE (SKIP DASH WHITE, 2' DASH - 6' SKIP)
- 13 TEMPORARY PAVEMENT MARKING - LINE 8" - TYPE IV TAPE (WHITE)
- 14 TEMPORARY PAVEMENT MARKING - LINE 12" - TYPE IV TAPE (WHITE 45° DIAGONALS) (MINIMUM 5 EQUALLY SPACED)
- 15 TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV TAPE (YELLOW)
- 16 TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV TAPE (YELLOW, TWO LINES ON 8" CENTERS)
- 17 TEMPORARY PAVEMENT MARKING - LINE 24" - TYPE IV TAPE (WHITE)



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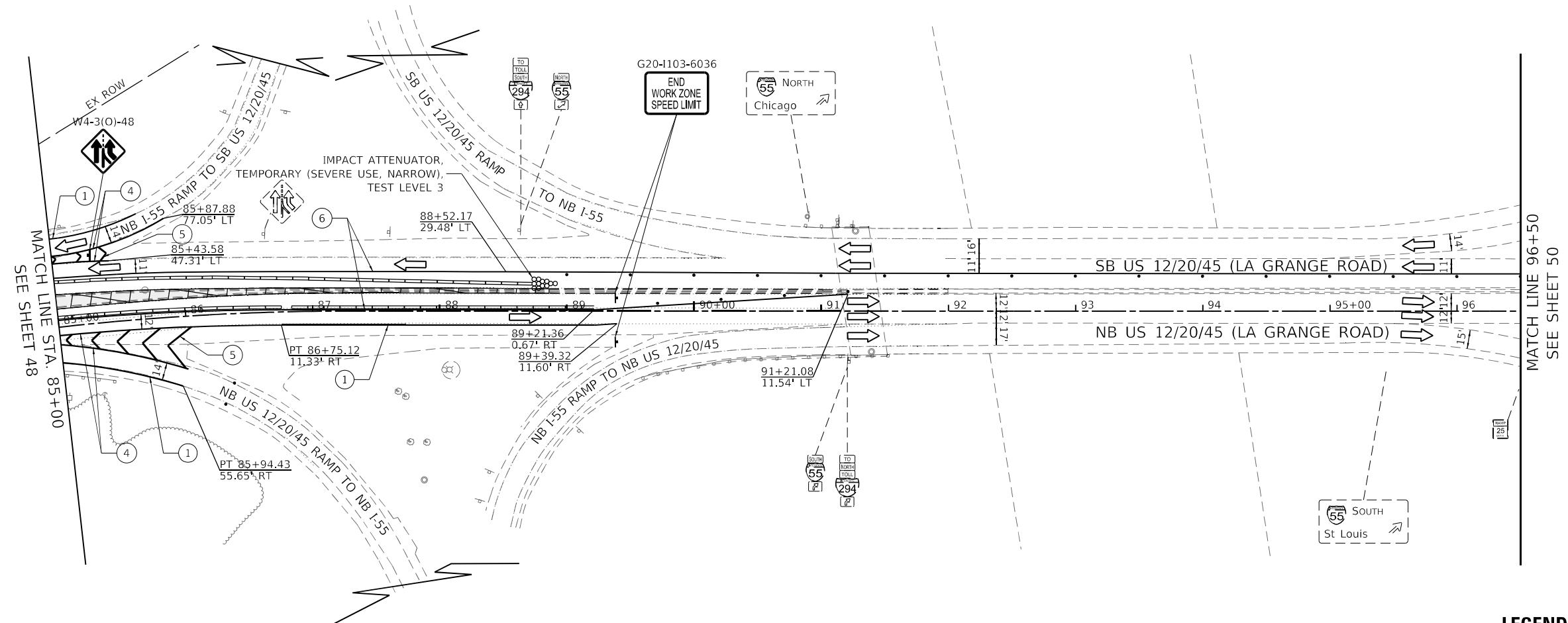
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

US 12/20/45 (LA GRANGE ROAD) MAINTENANCE OF TRAFFIC PLAN - PRESTAGE			
SCALE: 1" = 50'	SHEET 7	OF 9 SHEETS	STA. 71+00 TO STA. 85+00

F.A.P. RTE. 330	SECTION 2018-133-BR	COUNTY COOK	TOTAL SHEETS 308	SHEET NO. 48
ILLINOIS			FED. AID PROJECT	

CONTRACT NO. 62H49



LEGEND

- 1 TYPE III BARRICADES W/ FLASHING LIGHTS
- 2 TYPE II BARRICADES OR DRUMS W/ 50' CC MONODIRECTIONAL FLASHING LIGHT
- 3 WORK ZONE
- 4 TEMPORARY PAVEMENT
- 5 DIRECTION OF TRAFFIC
- 6 TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV TAPE (WHITE)
- 7 TEMPORARY PAVEMENT MARKING - LINE 5" - TYPE IV TAPE (SKIP DASH WHITE, 10' DASH - 30' SKIP)
- 8 TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV TAPE (SKIP DASH WHITE, 2' DASH - 6' SKIP)
- 9 TEMPORARY PAVEMENT MARKING - LINE 8" - TYPE IV TAPE (WHITE)
- 10 IMPACT ATTENUATORS, TEMPORARY (SEVERE USE, NARROW), TEST LEVEL 3
- 11 TEMPORARY CONCRETE BARRIER
- 12 FLASHING ARROW BOARD
- 13 TEMPORARY TRAFFIC SIGN
- 14 TEMPORARY PAVEMENT MARKING - LINE 12" - TYPE IV TAPE (WHITE 45° DIAGONALS) (MINIMUM 5 EQUALLY SPACED)
- 15 TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV TAPE (YELLOW)
- 16 TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV TAPE (YELLOW, TWO LINES ON 8" CENTERS)
- 17 TEMPORARY PAVEMENT MARKING - LINE 24" - TYPE IV TAPE (WHITE)

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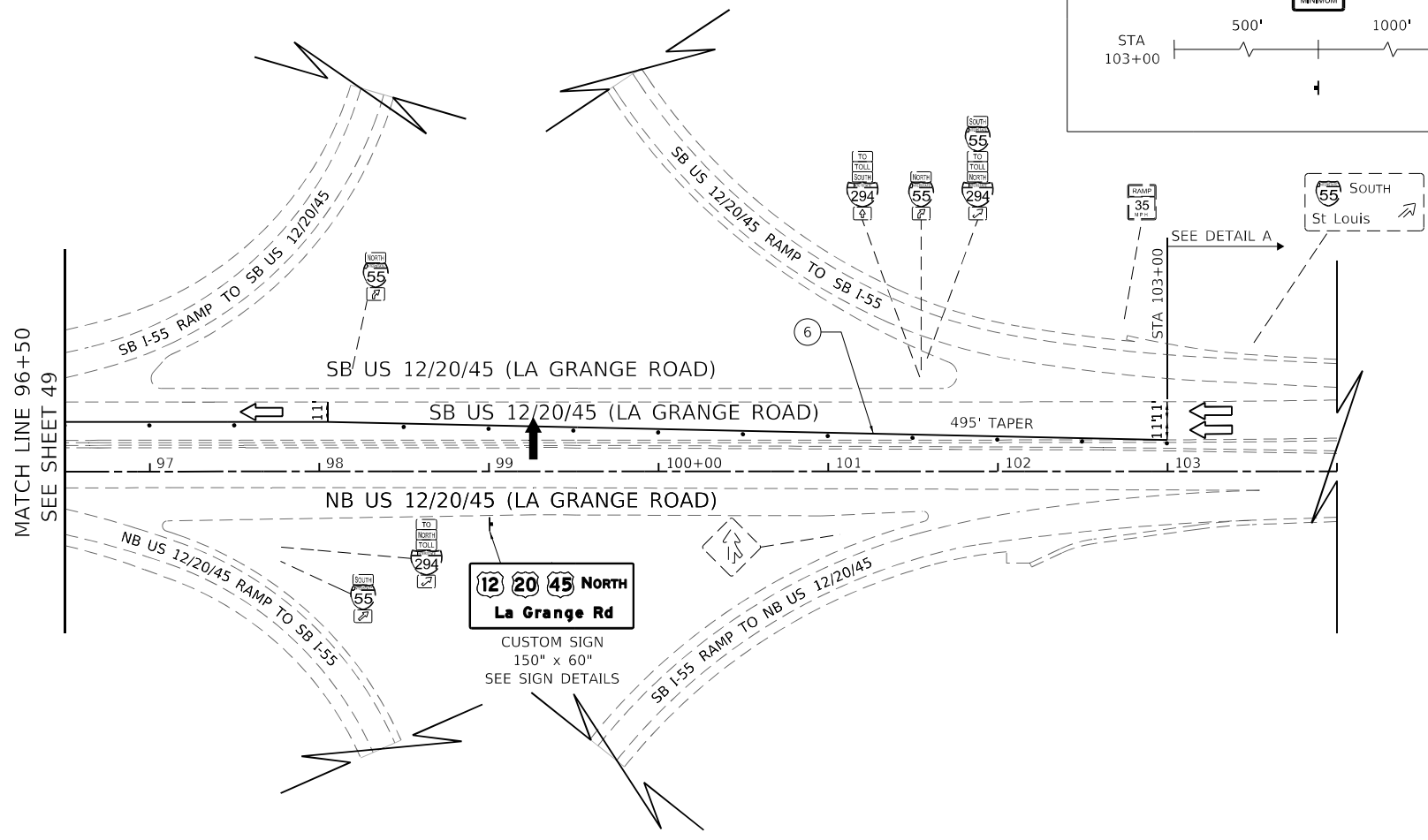
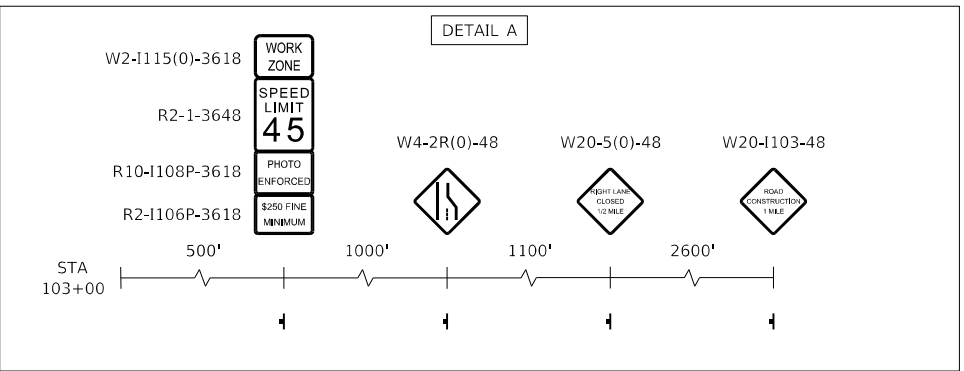


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PLOT DATE = 12/2/2021	DATE - 10/21/2021	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

US 12/20/45 (LA GRANGE ROAD) MAINTENANCE OF TRAFFIC PLAN - PRESTAGE			
SCALE: 1" = 50'	SHEET 8	OF 9 SHEETS	STA. 85+00 TO STA. 96+50

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	2018-133-BR	COOK	308	49
CONTRACT NO. 62H49				
ILLINOIS FED. AID PROJECT				



LEGEND

- TYPE III BARRICADES W/ FLASHING LIGHTS
- TYPE II BARRICADES OR DRUMS W/ 50' CC MONODIRECTIONAL FLASHING LIGHT
- WORK ZONE
- TEMPORARY PAVEMENT
- DIRECTION OF TRAFFIC
- ① TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV TAPE (WHITE)
- ② TEMPORARY PAVEMENT MARKING - LINE 5" - TYPE IV TAPE (SKIP DASH WHITE, 10' DASH - 30' SKIP)
- ③ TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV TAPE (SKIP DASH WHITE, 2' DASH - 6' SKIP)
- ④ TEMPORARY PAVEMENT MARKING - LINE 8" - TYPE IV TAPE (WHITE)
- IMPACT ATTENUATORS, TEMPORARY (SEVERE USE, NARROW), TEST LEVEL 3
- TEMPORARY CONCRETE BARRIER
- FLASHING ARROW BOARD
- TEMPORARY TRAFFIC SIGN
- ⑤ TEMPORARY PAVEMENT MARKING - LINE 12" - TYPE IV TAPE (WHITE 45° DIAGONALS) (MINIMUM 5 EQUALLY SPACED)
- ⑥ TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV TAPE (YELLOW)
- ⑦ TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV TAPE (YELLOW, TWO LINES ON 8" CENTERS)
- ⑧ TEMPORARY PAVEMENT MARKING - LINE 24" - TYPE IV TAPE (WHITE)

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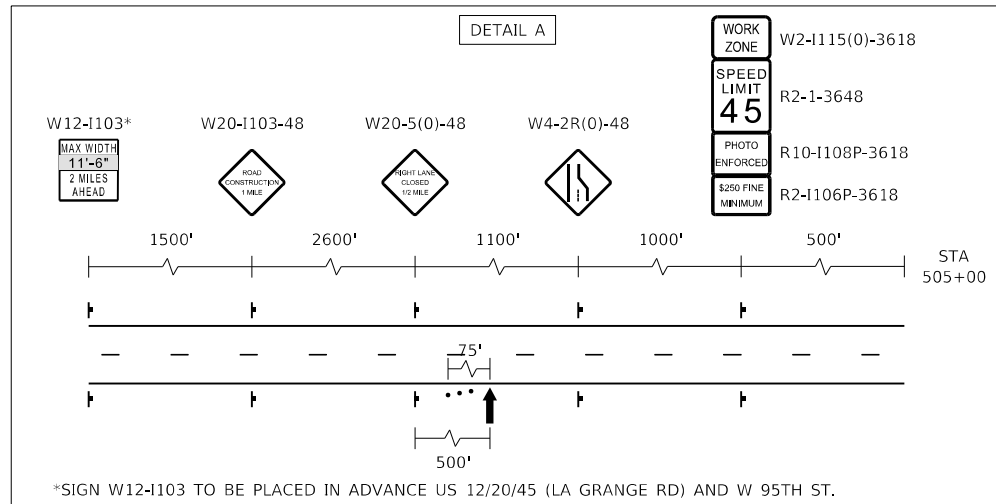


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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

US 12/20/45 (LA GRANGE ROAD) MAINTENANCE OF TRAFFIC PLAN - PRESTAGE			
SCALE: 1" = 50'	SHEET 9	OF 9 SHEETS	STA. 96+50 TO STA. 104+00

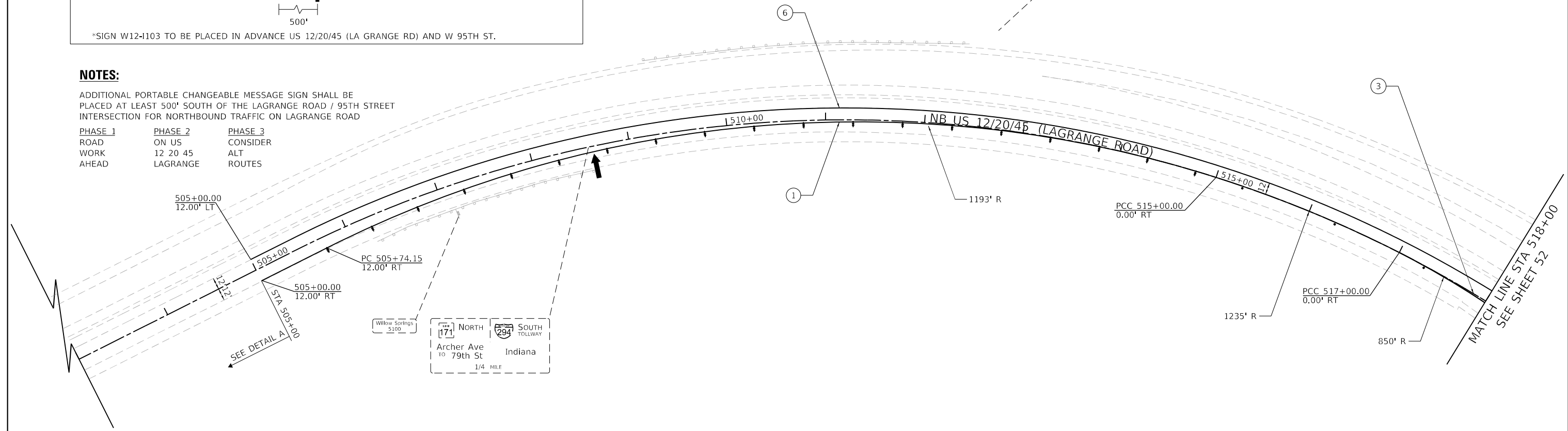
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	2018-133-BR	COOK	308	50
ILLINOIS FED. AID PROJECT				CONTRACT NO. 62H49



NOTES:

ADDITIONAL PORTABLE CHANGEABLE MESSAGE SIGN SHALL BE PLACED AT LEAST 500' SOUTH OF THE LAGRANGE ROAD / 95TH STREET INTERSECTION FOR NORTHBOUND TRAFFIC ON LAGRANGE ROAD

PHASE 1	PHASE 2	PHASE 3
ROAD WORK AHEAD	ON US LAGRANGE	CONSIDER ALT ROUTES



LEGEND

- 1 TYPE III BARRICADES W/ FLASHING LIGHTS
- 2 TYPE II BARRICADES OR DRUMS W/ 50' CC MONODIRECTIONAL FLASHING LIGHT
- 3 WORK ZONE
- 4 TEMPORARY PAVEMENT
- 5 DIRECTION OF TRAFFIC
- 6 TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV TAPE (WHITE)
- 7 TEMPORARY PAVEMENT MARKING - LINE 5" - TYPE IV TAPE (SKIP DASH WHITE, 10' DASH - 30' SKIP)
- 8 TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV TAPE (SKIP DASH WHITE, 2' DASH - 6' SKIP)
- 9 TEMPORARY PAVEMENT MARKING - LINE 8" - TYPE IV TAPE (WHITE)
- 10 IMPACT ATTENUATORS, TEMPORARY (SEVERE USE, NARROW), TEST LEVEL 3
- 11 TEMPORARY CONCRETE BARRIER
- 12 FLASHING ARROW BOARD
- 13 TEMPORARY TRAFFIC SIGN
- 14 TEMPORARY PAVEMENT MARKING - LINE 12" - TYPE IV TAPE (WHITE 45° DIAGONALS) (MINIMUM 5 EQUALLY SPACED)
- 15 TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV TAPE (YELLOW)
- 16 TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV TAPE (YELLOW, TWO LINES ON 8" CENTERS)
- 17 TEMPORARY PAVEMENT MARKING - LINE 24" - TYPE IV TAPE (WHITE)

NOTES:

- TEMP. PAVEMENT SHALL BE A PART OF THE PRE STAGE WORK AND IDOT STANDARD 701422 SHALL BE FOLLOWED TO MAINTAIN TRAFFIC FOR THAT WORK.
- ESTIMATED QUANTITIES FOR MODIFIED URETHANE PAVEMENT MARKINGS HAVE BEEN INCLUDED TO ACCOUNT FOR TEMPORARY PAVEMENT MARKINGS DURING WINTER MONTHS.
- CONTRACTOR SHALL REFER TO THE CROSSOVER GRADING SHEETS FOR TEMPORARY DRAINAGE ITEMS AND CONTOURS.

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	DATE - 10/21/2021	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

US 12/20/45 (LA GRANGE ROAD) MAINTENANCE OF TRAFFIC PLAN - STAGE 1			
SCALE: 1" = 50'	SHEET 1	OF 9 SHEETS	STA. 503+00 TO STA. 518+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	2018-133-BR	COOK	308	51
CONTRACT NO. 62H49				
ILLINOIS FED. AID PROJECT				



MATCH LINE STA. 518+00
SEE SHEET 51

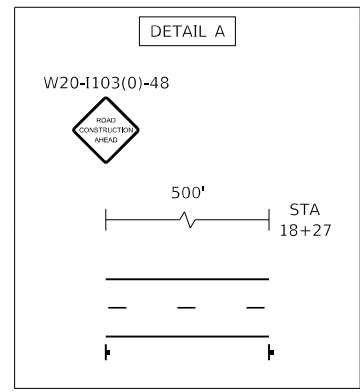
MATCH LINE STA. 14+00
SEE SHEET 53

NOTES:

- A. AN ADDITIONAL W12-I102(O)-48 SIGN SHALL BE MOUNTED ON THE FIRST OVERHEAD TRAVELING NB / EB ON IL 171
- B. AN ADDITIONAL W12-I103-48 SIGN SHALL BE MOUNTED ON THE OVERHEAD SIGN TRAVELING NB / EB ON IL 171 AT EXIT TO NB LAGRANGE RD. 'X' SHALL BE 0.5 MILES



* PLACE SIGN W12-I103 ON RIGHT SIDE OF ROAD ON NB IL 171 500' IN ADVANCE OF THE FIRST OVERHEAD SIGN TO NB LAGRANGE RD.



LEGEND

- 1 TYPE III BARRICADES W/ FLASHING LIGHTS
- 2 TYPE II BARRICADES OR DRUMS W/ 50' CC MONODIRECTIONAL FLASHING LIGHT
- 3 WORK ZONE
- 4 TEMPORARY PAVEMENT
- 5 DIRECTION OF TRAFFIC
- 6 TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV TAPE (WHITE)
- 7 TEMPORARY PAVEMENT MARKING - LINE 5" - TYPE IV TAPE (SKIP DASH WHITE, 10' DASH - 30' SKIP)
- 8 TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV TAPE (SKIP DASH WHITE, 2' DASH - 6' SKIP)
- 9 TEMPORARY PAVEMENT MARKING - LINE 8" - TYPE IV TAPE (WHITE)
- 10 IMPACT ATTENUATORS, TEMPORARY (SEVERE USE, NARROW), TEST LEVEL 3
- 11 TEMPORARY CONCRETE BARRIER
- 12 FLASHING ARROW BOARD
- 13 TEMPORARY TRAFFIC SIGN
- 14 TEMPORARY PAVEMENT MARKING - LINE 12" - TYPE IV TAPE (WHITE 45° DIAGONALS) (MINIMUM 5 EQUALLY SPACED)
- 15 TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV TAPE (YELLOW)
- 16 TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV TAPE (YELLOW, TWO LINES ON 8" CENTERS)
- 17 TEMPORARY PAVEMENT MARKING - LINE 24" - TYPE IV TAPE (WHITE)

NOTES:

- 1. TEMP. PAVEMENT SHALL BE A PART OF THE PRE STAGE WORK AND IDOT STANDARD 701422 SHALL BE FOLLOWED TO MAINTAIN TRAFFIC FOR THAT WORK.
- 2. ESTIMATED QUANTITIES FOR MODIFIED URETHANE PAVEMENT MARKINGS HAVE BEEN INCLUDED TO ACCOUNT FOR TEMPORARY PAVEMENT MARKINGS DURING WINTER MONTHS.
- 3. CONTRACTOR SHALL REFER TO THE CROSSOVER GRADING SHEETS FOR TEMPORARY DRAINAGE ITEMS AND CONTOURS.

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**US 12/20/45 (LA GRANGE ROAD)
MAINTENANCE OF TRAFFIC PLAN - STAGE 1**

SCALE: 1" = 50' SHEET 2 OF 9 SHEETS STA. 518+00 TO STA. 14+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	2018-133-BR	COOK	308	52
CONTRACT NO. 62H49				
ILLINOIS FED. AID PROJECT				

W12-I103*

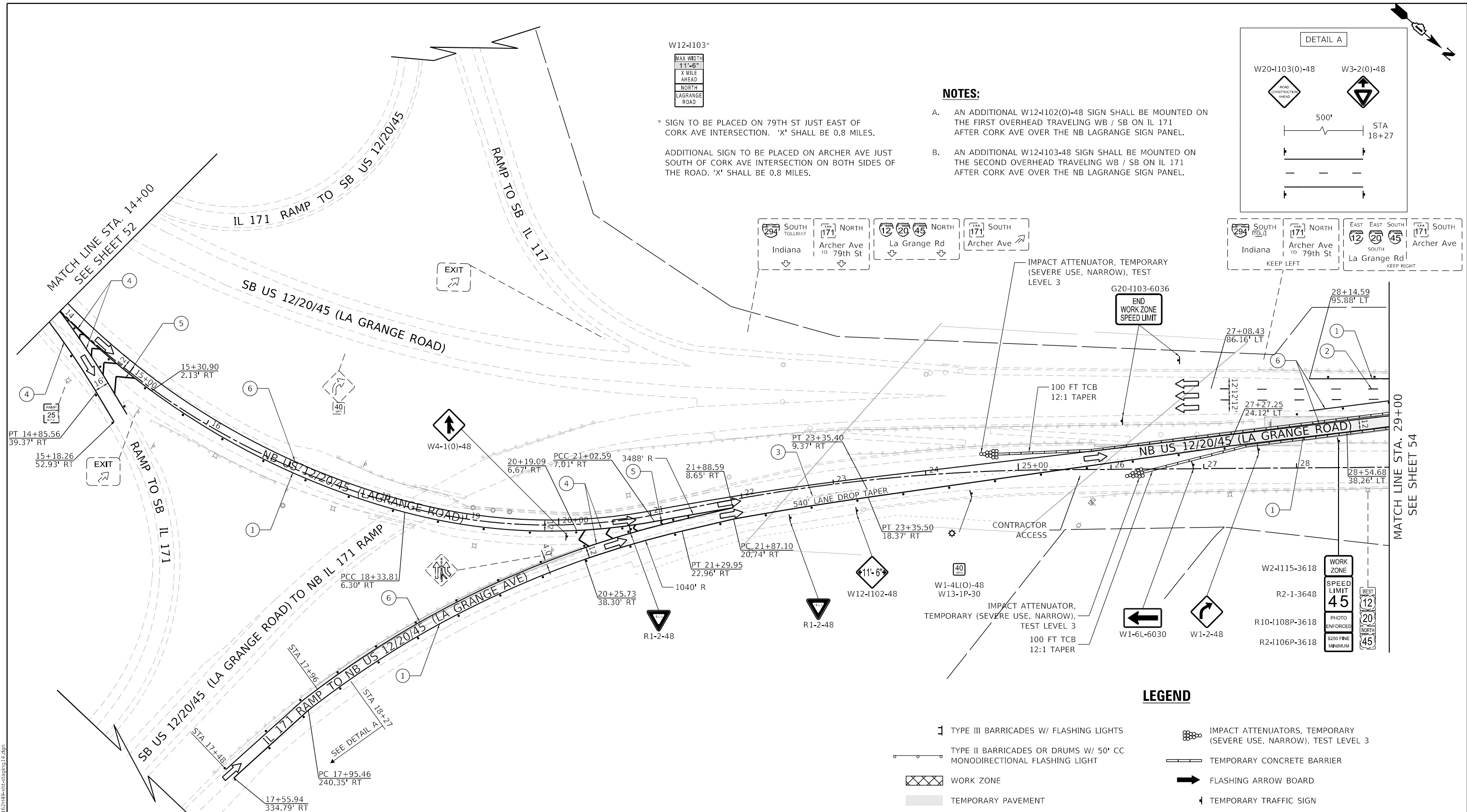
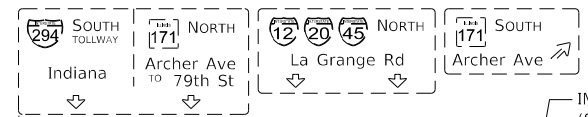
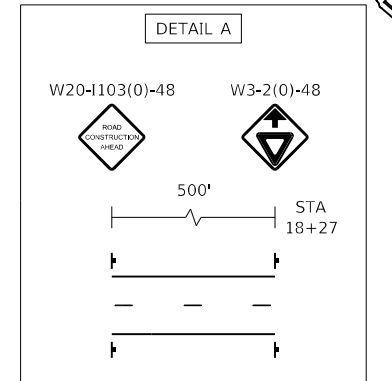
MAX WIDTH	11'-6"
X MILE AHEAD	
NORTH	
LAGRANGE ROAD	

* SIGN TO BE PLACED ON 79TH ST JUST EAST OF CORK AVE INTERSECTION. 'X' SHALL BE 0.8 MILES.

ADDITIONAL SIGN TO BE PLACED ON ARCHER AVE JUST SOUTH OF CORK AVE INTERSECTION ON BOTH SIDES OF THE ROAD. 'X' SHALL BE 0.8 MILES.

NOTES:

- A. AN ADDITIONAL W12-I102(O)-48 SIGN SHALL BE MOUNTED ON THE FIRST OVERHEAD TRAVELING WB / SB ON IL 171 AFTER CORK AVE OVER THE NB LAGRANGE SIGN PANEL.
- B. AN ADDITIONAL W12-I103-48 SIGN SHALL BE MOUNTED ON THE SECOND OVERHEAD TRAVELING WB / SB ON IL 171 AFTER CORK AVE OVER THE NB LAGRANGE SIGN PANEL.



NOTES:

- 1. TEMP. PAVEMENT SHALL BE A PART OF THE PRE STAGE WORK AND IDOT STANDARD 701422 SHALL BE FOLLOWED TO MAINTAIN TRAFFIC FOR THAT WORK.
- 2. ESTIMATED QUANTITIES FOR MODIFIED URETHANE PAVEMENT MARKINGS HAVE BEEN INCLUDED TO ACCOUNT FOR TEMPORARY PAVEMENT MARKINGS DURING WINTER MONTHS.
- 3. CONTRACTOR SHALL REFER TO THE CROSSOVER GRADING SHEETS FOR TEMPORARY DRAINAGE ITEMS AND CONTOURS.

LEGEND

- 1 TYPE III BARRICADES W/ FLASHING LIGHTS
- 2 TYPE II BARRICADES OR DRUMS W/ 50' CC MONODIRECTIONAL FLASHING LIGHT
- 3 WORK ZONE
- 4 TEMPORARY PAVEMENT
- 5 DIRECTION OF TRAFFIC
- 6 TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV TAPE (WHITE)
- 7 TEMPORARY PAVEMENT MARKING - LINE 5" - TYPE IV TAPE (SKIP DASH WHITE, 10' DASH - 30' SKIP)
- 8 TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV TAPE (SKIP DASH WHITE, 2' DASH - 6' SKIP)
- 9 TEMPORARY PAVEMENT MARKING - LINE 8" - TYPE IV TAPE (WHITE)
- 10 IMPACT ATTENUATORS, TEMPORARY (SEVERE USE, NARROW), TEST LEVEL 3
- 11 TEMPORARY CONCRETE BARRIER
- 12 FLASHING ARROW BOARD
- 13 TEMPORARY TRAFFIC SIGN
- 14 TEMPORARY PAVEMENT MARKING - LINE 12" - TYPE IV TAPE (WHITE 45° DIAGONALS) (MINIMUM 5 EQUALLY SPACED)
- 15 TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV TAPE (YELLOW)
- 16 TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV TAPE (YELLOW, TWO LINES ON 8" CENTERS)
- 17 TEMPORARY PAVEMENT MARKING - LINE 24" - TYPE IV TAPE (WHITE)



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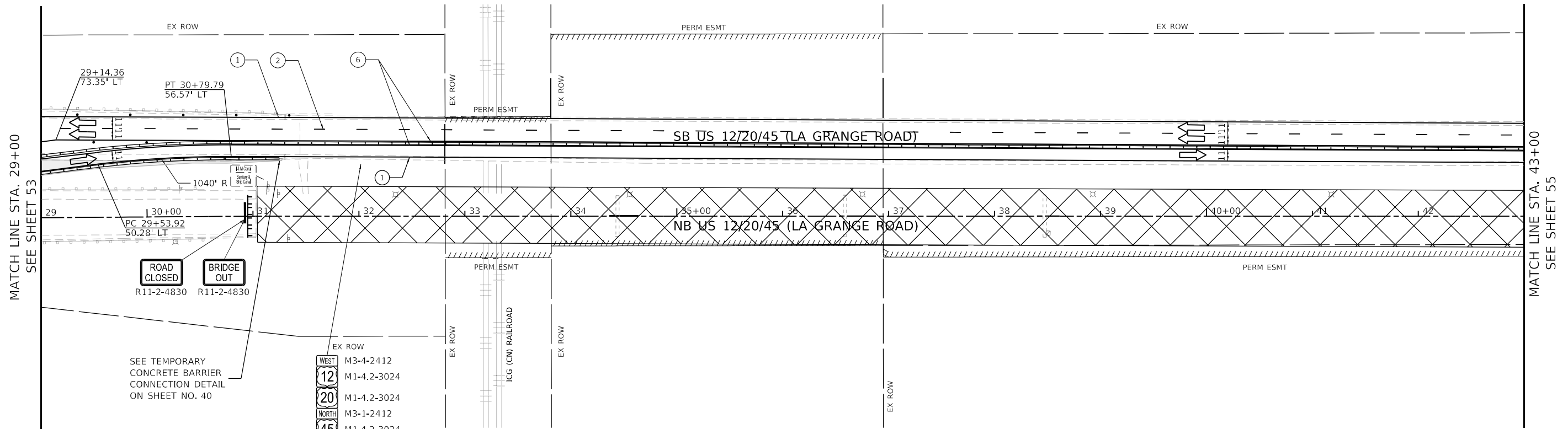
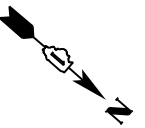
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**US 12/20/45 (LA GRANGE ROAD)
MAINTENANCE OF TRAFFIC PLAN - STAGE 1**

SCALE: 1" = 50' SHEET 3 OF 9 SHEETS STA. 15+00 TO STA. 29+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	2018-133-BR	COOK	308	53
CONTRACT NO. 62H49				
ILLINOIS FED. AID PROJECT				



SEE TEMPORARY
CONCRETE BARRIER
CONNECTION DETAIL
ON SHEET NO. 40

SIGNS TO BE BANDED
TO NEAREST LIGHT POLE

- WEST M3-4-2412
- 12 M1-4.2-3024
- 20 M1-4.2-3024
- NORTH M3-1-2412
- 45 M1-4.2-3024

LEGEND

- TYPE III BARRICADES W/ FLASHING LIGHTS
- TYPE II BARRICADES OR DRUMS W/ 50' CC MONODIRECTIONAL FLASHING LIGHT
- WORK ZONE
- TEMPORARY PAVEMENT
- DIRECTION OF TRAFFIC
- TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV TAPE (WHITE)
- TEMPORARY PAVEMENT MARKING - LINE 5" - TYPE IV TAPE (SKIP DASH WHITE, 10' DASH - 30' SKIP)
- TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV TAPE (SKIP DASH WHITE, 2' DASH - 6' SKIP)
- TEMPORARY PAVEMENT MARKING - LINE 8" - TYPE IV TAPE (WHITE)
- IMPACT ATTENUATORS, TEMPORARY (SEVERE USE, NARROW), TEST LEVEL 3
- TEMPORARY CONCRETE BARRIER
- FLASHING ARROW BOARD
- TEMPORARY TRAFFIC SIGN
- TEMPORARY PAVEMENT MARKING - LINE 12" - TYPE IV TAPE (WHITE 45° DIAGONALS) (MINIMUM 5 EQUALLY SPACED)
- TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV TAPE (YELLOW)
- TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV TAPE (YELLOW, TWO LINES ON 8" CENTERS)
- TEMPORARY PAVEMENT MARKING - LINE 24" - TYPE IV TAPE (WHITE)

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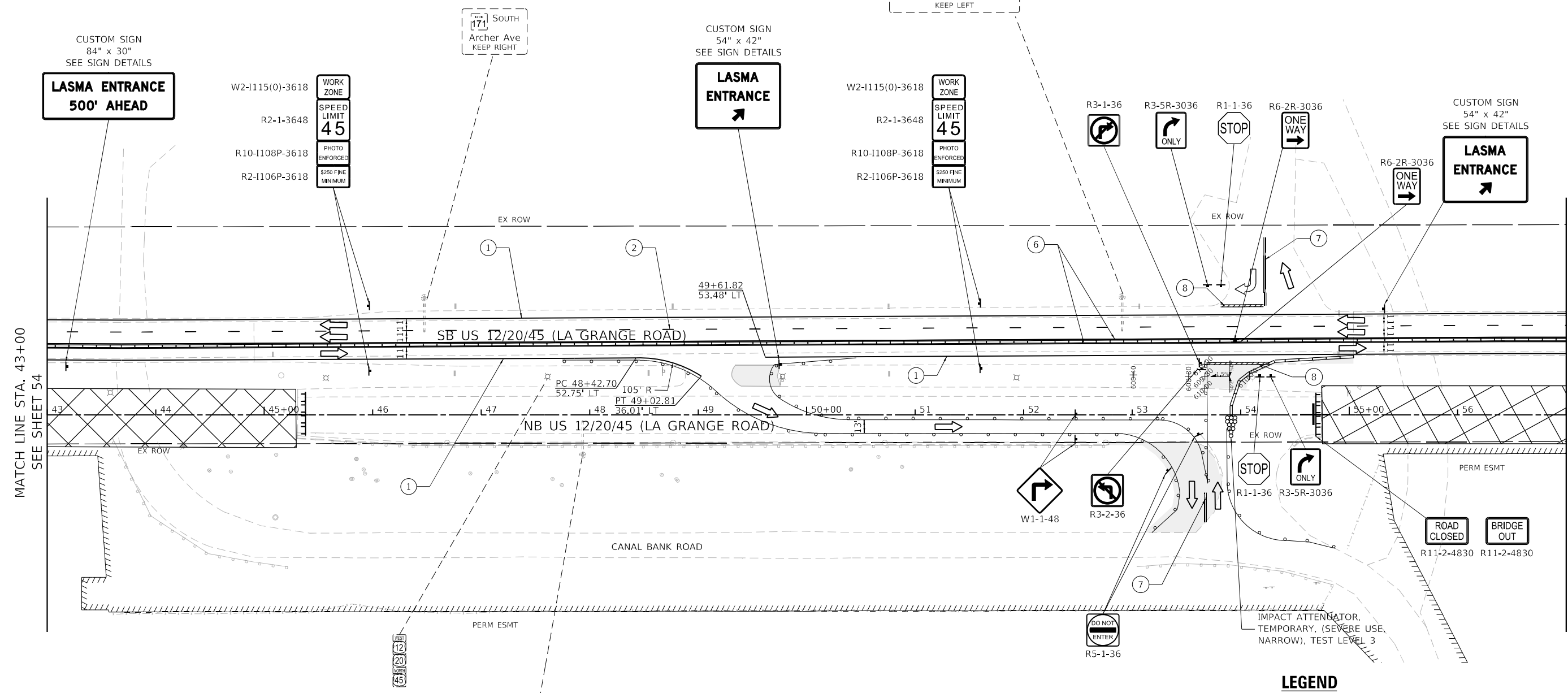
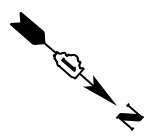


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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

US 12/20/45 (LA GRANGE ROAD) MAINTENANCE OF TRAFFIC PLAN - STAGE 1			
SCALE: 1" = 50'	SHEET 4	OF 9 SHEETS	STA. 29+00 TO STA. 43+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	2018-133-BR	COOK	308	54
CONTRACT NO. 62H49				
ILLINOIS FED. AID PROJECT				



LEGEND

- 1 TYPE III BARRICADES W/ FLASHING LIGHTS
- 2 TYPE II BARRICADES OR DRUMS W/ 50' CC MONODIRECTIONAL FLASHING LIGHT
- 3 WORK ZONE
- 4 TEMPORARY PAVEMENT
- 5 DIRECTION OF TRAFFIC
- 6 1 TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV TAPE (WHITE)
- 7 2 TEMPORARY PAVEMENT MARKING - LINE 5" - TYPE IV TAPE (SKIP DASH WHITE, 10' DASH - 30' SKIP)
- 8 3 TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV TAPE (SKIP DASH WHITE, 2' DASH - 6' SKIP)
- 9 4 TEMPORARY PAVEMENT MARKING - LINE 8" - TYPE IV TAPE (WHITE)
- 10 5 TEMPORARY PAVEMENT MARKING - LINE 12" - TYPE IV TAPE (WHITE 45° DIAGONALS) (MINIMUM 5 EQUALLY SPACED)
- 11 6 TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV TAPE (YELLOW)
- 12 7 TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV TAPE (YELLOW, TWO LINES ON 8" CENTERS)
- 13 8 TEMPORARY PAVEMENT MARKING - LINE 24" - TYPE IV TAPE (WHITE)
- 14 IMPACT ATTENUATORS, TEMPORARY (SEVERE USE, NARROW), TEST LEVEL 3
- 15 TEMPORARY CONCRETE BARRIER
- 16 FLASHING ARROW BOARD
- 17 TEMPORARY TRAFFIC SIGN

NOTES:

1. THE CONTRACTOR WILL BE REQUIRED TO ACCOMMODATE VEHICLES EXITING NB US 12/20/45 (LAGRANGE ROAD) TO THE LASMA FACILITY

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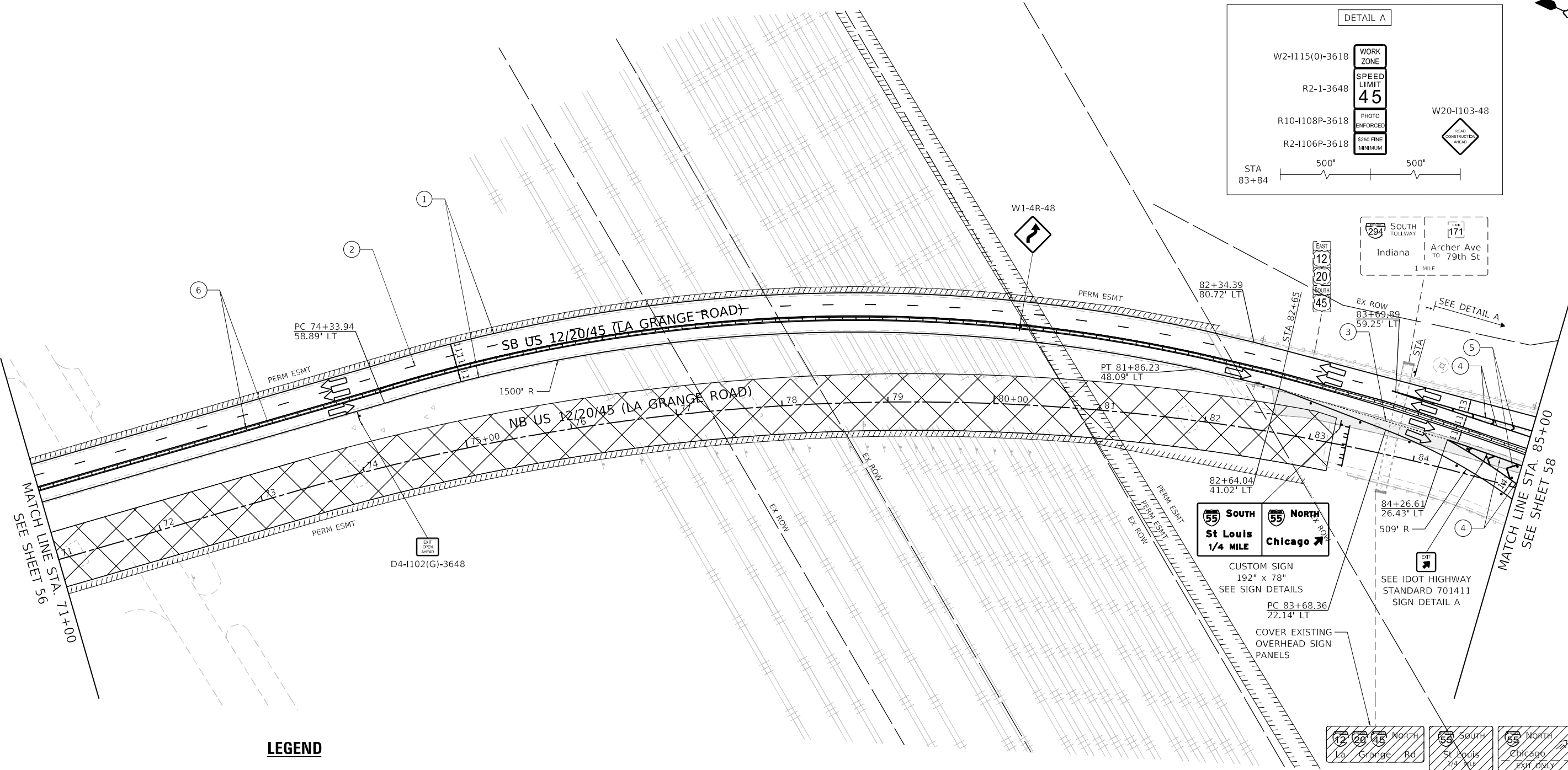
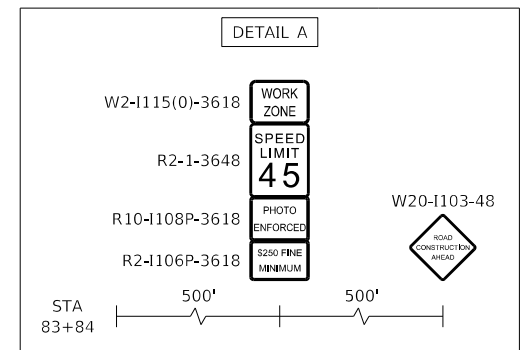
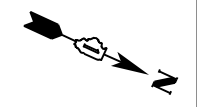
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**US 12/20/45 (LA GRANGE ROAD)
MAINTENANCE OF TRAFFIC PLAN - STAGE 1**

SCALE: 1" = 50' SHEET 5 OF 9 SHEETS STA. 43+00 TO STA. 57+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	2018-133-BR	COOK	308	55
CONTRACT NO. 62H49				
ILLINOIS FED. AID PROJECT				



LEGEND

- 1 TYPE III BARRICADES W/ FLASHING LIGHTS
- 2 TYPE II BARRICADES OR DRUMS W/ 50' CC MONODIRECTIONAL FLASHING LIGHT
- 3 WORK ZONE
- 4 TEMPORARY PAVEMENT
- 5 DIRECTION OF TRAFFIC
- 6 TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV TAPE (WHITE)
- 7 TEMPORARY PAVEMENT MARKING - LINE 5" - TYPE IV TAPE (SKIP DASH WHITE, 10' DASH - 30' SKIP)
- 8 TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV TAPE (SKIP DASH WHITE, 2' DASH - 6' SKIP)
- 9 TEMPORARY PAVEMENT MARKING - LINE 8" - TYPE IV TAPE (WHITE)
- 10 IMPACT ATTENUATORS, TEMPORARY (SEVERE USE, NARROW), TEST LEVEL 3
- 11 TEMPORARY CONCRETE BARRIER
- 12 FLASHING ARROW BOARD
- 13 TEMPORARY TRAFFIC SIGN
- 14 TEMPORARY PAVEMENT MARKING - LINE 12" - TYPE IV TAPE (WHITE 45° DIAGONALS) (MINIMUM 5 EQUALLY SPACED)
- 15 TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV TAPE (YELLOW)
- 16 TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV TAPE (YELLOW, TWO LINES ON 8" CENTERS)
- 17 TEMPORARY PAVEMENT MARKING - LINE 24" - TYPE IV TAPE (WHITE)



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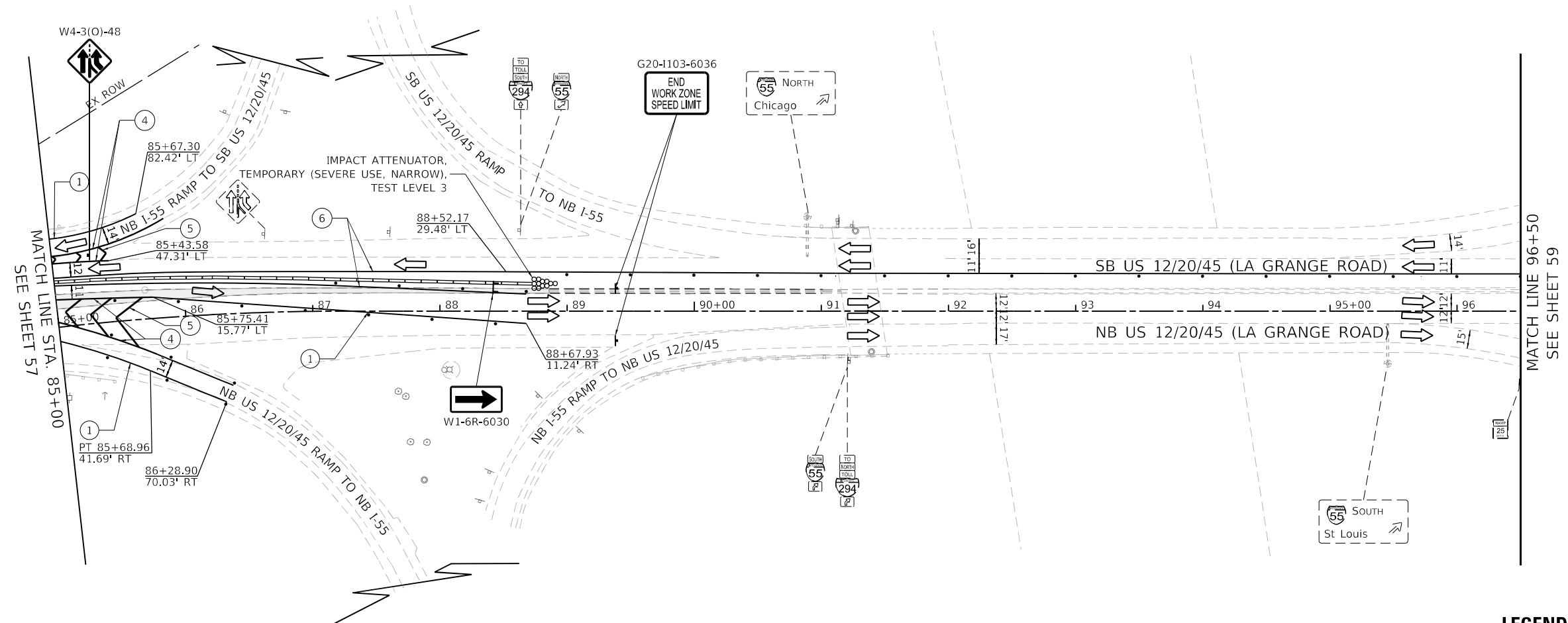


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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

US 12/20/45 (LA GRANGE ROAD) MAINTENANCE OF TRAFFIC PLAN - STAGE 1			
SCALE: 1" = 50'	SHEET 7	OF 9 SHEETS	STA. 71+00 TO STA. 85+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	2018-133-BR	COOK	308	57
CONTRACT NO. 62H49				
		ILLINOIS	FED. AID PROJECT	



LEGEND

- 1 TYPE III BARRICADES W/ FLASHING LIGHTS
- 2 TYPE II BARRICADES OR DRUMS W/ 50' CC MONODIRECTIONAL FLASHING LIGHT
- 3 WORK ZONE
- 4 TEMPORARY PAVEMENT
- 5 DIRECTION OF TRAFFIC
- 6 TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV TAPE (WHITE)
- 7 TEMPORARY PAVEMENT MARKING - LINE 5" - TYPE IV TAPE (SKIP DASH WHITE, 10' DASH - 30' SKIP)
- 8 TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV TAPE (SKIP DASH WHITE, 2' DASH - 6' SKIP)
- 9 TEMPORARY PAVEMENT MARKING - LINE 8" - TYPE IV TAPE (WHITE)
- 10 IMPACT ATTENUATORS, TEMPORARY (SEVERE USE, NARROW), TEST LEVEL 3
- 11 TEMPORARY CONCRETE BARRIER
- 12 FLASHING ARROW BOARD
- 13 TEMPORARY TRAFFIC SIGN
- 14 TEMPORARY PAVEMENT MARKING - LINE 12" - TYPE IV TAPE (WHITE 45° DIAGONALS) (MINIMUM 5 EQUALLY SPACED)
- 15 TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV TAPE (YELLOW)
- 16 TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV TAPE (YELLOW, TWO LINES ON 8" CENTERS)
- 17 TEMPORARY PAVEMENT MARKING - LINE 24" - TYPE IV TAPE (WHITE)

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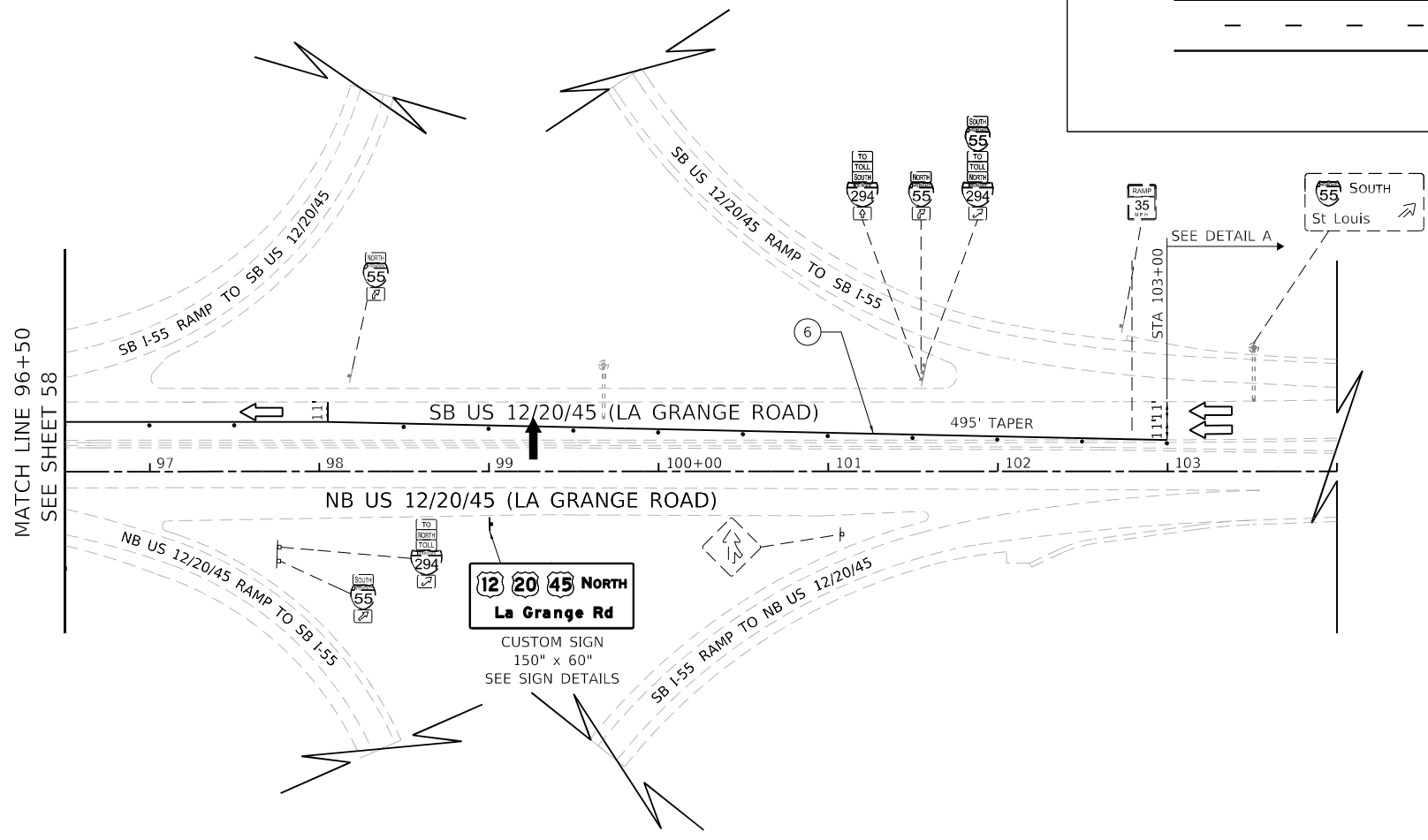
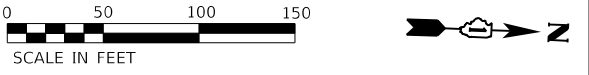
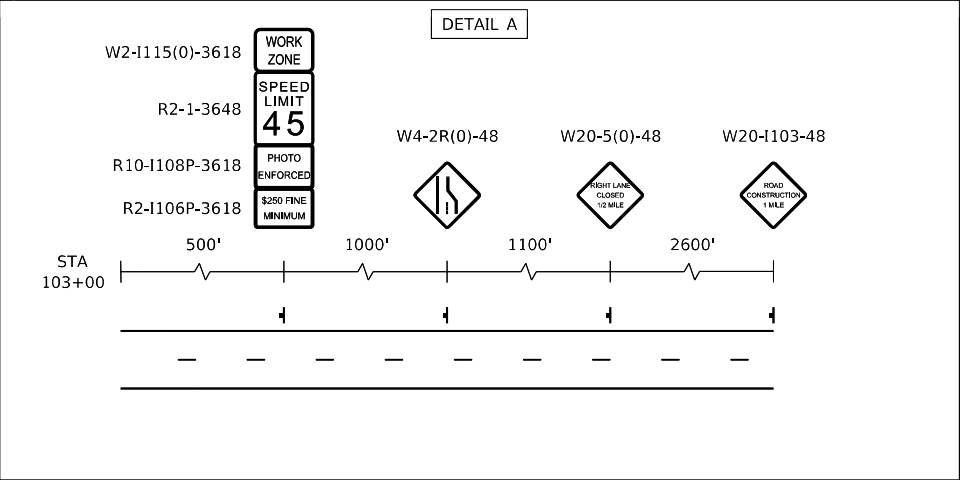
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**US 12/20/45 (LA GRANGE ROAD)
MAINTENANCE OF TRAFFIC PLAN - STAGE 1**

SCALE: 1" = 50' SHEET 8 OF 9 SHEETS STA. 85+00 TO STA. 96+50

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	2018-133-BR	COOK	308	58
CONTRACT NO. 62H49				
ILLINOIS FED. AID PROJECT				



NOTES:
 ADDITIONAL PORTABLE CHANGEABLE MESSAGE SIGN SHALL BE PLACED AT LEAST 500' IN ADVANCE OF JOLIET ROAD FOR SOUTHBOUND TRAFFIC ON LAGRANGE ROAD

PHASE 1	PHASE 2	PHASE 3
ROAD AHEAD	ON US LAGRANGE	CONSIDER ALT ROUTES
WORK	12 20 45	

LEGEND

- TYPE III BARRICADES W/ FLASHING LIGHTS
- TYPE II BARRICADES OR DRUMS W/ 50' CC MONODIRECTIONAL FLASHING LIGHT
- WORK ZONE
- TEMPORARY PAVEMENT
- DIRECTION OF TRAFFIC
- ① TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV TAPE (WHITE)
- ② TEMPORARY PAVEMENT MARKING - LINE 5" - TYPE IV TAPE (SKIP DASH WHITE, 10' DASH - 30' SKIP)
- ③ TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV TAPE (SKIP DASH WHITE, 2' DASH - 6' SKIP)
- ④ TEMPORARY PAVEMENT MARKING - LINE 8" - TYPE IV TAPE (WHITE)
- IMPACT ATTENUATORS, TEMPORARY (SEVERE USE, NARROW), TEST LEVEL 3
- TEMPORARY CONCRETE BARRIER
- FLASHING ARROW BOARD
- TEMPORARY TRAFFIC SIGN
- ⑤ TEMPORARY PAVEMENT MARKING - LINE 12"- TYPE IV TAPE (WHITE 45° DIAGONALS) (MINIMUM 5 EQUALLY SPACED)
- ⑥ TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV TAPE (YELLOW)
- ⑦ TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV TAPE (YELLOW, TWO LINES ON 8" CENTERS)
- ⑧ TEMPORARY PAVEMENT MARKING - LINE 24"- TYPE IV TAPE (WHITE)

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PLOT DATE = 12/2/2021	DATE - 10/21/2021	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

US 12/20/45 (LA GRANGE ROAD) MAINTENANCE OF TRAFFIC PLAN - STAGE 1	
SCALE: 1" = 50'	SHEET 9 OF 9 SHEETS
STA. 96+50	TO STA. 104+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	2018-133-BR	COOK	308	59
CONTRACT NO. 62H49				
ILLINOIS FED. AID PROJECT				

SOIL EROSION AND SEDIMENT CONTROL NOTES

EROSION CONTROL INSPECTION

- ALL ESC MEASURES WILL BE MAINTAINED IN ACCORDANCE WITH THE IDOT EROSION AND SEDIMENT CONTROL FIELD GUIDE FOR CONSTRUCTION INSPECTION FOUND ON THE CONSTRUCTION TAB AT: (HTTP://WWW.IDOT.ILLINOIS.GOV/TRANSPORTATION-SYSTEM/ENVIRONMENT/EROSION-AND-SEDIMENT-CONTROL)
- THE CONTRACTOR WILL ASSUME RESPONSIBILITY FOR MAINTENANCE OF ALL SOIL EROSION CONTROL DURING CONSTRUCTION.
- 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 EACH SIGNIFICANT SNOWMELT.
- THE CONTRACTOR SHOULD PROVIDE TO 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 WATERS, ESPECIALLY WHEN RAIN IS FORECASTED, SO THAT FLOW WILL NOT ERODE. LACK OF APPROVED PLAN OR FAILURE TO COMPLY WILL RESULT IN AN ESC DEFICIENCY DEDUCTION.
- 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.
- 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.
- UNDER NO CIRCUMSTANCES SHALL THE CONTRACTOR PROLONG FINAL GRADING AND SHAPING SO THAT THE ENTIRE PROJECT CAN BE PERMANENTLY SEEDED AT ONE TIME.
- 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 RE.
- "WETLANDS NO INTRUSION" SIGNAGE SHOULD ALSO BE PROVIDED AT THE BOUNDARY OF ALL UN-IMPACTED WETLANDS AND/OR WOUS. THE CONTRACTOR CAN BORROW THE SIGNS FROM THE BUREAU OF MAINTENANCE. INCLUDE TEMPORARY FENCING AND WETLAND SIGNAGE WITHIN THE EROSION AND SEDIMENT CONTROL STRATEGY.

PERMIT

- THIS PROJECT REQUIRES A U.S. ARMY CORPS OF ENGINEERS (USACE) 404 PERMIT THAT WILL BE SECURED BY IDOT. AS A CONDITION OF THIS PERMIT THE CONTRACTOR WILL NEED TO SUBMIT AN IN-STREAM WORK PLAN TO THE DEPARTMENT FOR APPROVAL. GUIDELINES ON ACCEPTABLE IN-STREAM WORK TECHNIQUES CAN BE FOUND ON THE USACE WEBSITE. THE USACE DEFINES AND DETERMINES IN-STREAM WORK. THE COST OF ALL MATERIALS AND LABOR NECESSARY TO COMPLY WITH THE ABOVE PROVISIONS TO PREPARE AND IMPLEMENT AN IN-STREAM WORK PLAN WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED AS INCLUDED IN THE UNIT BID PRICES OF THE CONTRACT AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED WITH THE EXCEPTION OF COFFERDAMS WHICH WILL BE PAID FOR AS COFFERDAM (TYPE 2) (IN-STREAM/WETLAND WORK) WITH A BASIS OF PAYMENT OF EACH.

WINTER SHUT DOWN

- THE CONDITION OF THE CONSTRUCTION SITE FOR WINTER SHUT DOWN SHALL BE ADDRESSED EARLY IN THE FALL GROWING SEASON SO THAT SLOPES AND OTHER BARE EARTH AREAS MAY BE STABILIZED WITH TEMPORARY AND/OR PERMANENT VEGETATIVE COVER FOR PROPER EROSION AND SEDIMENT CONTROL. ALL OPEN AREAS THAT ARE TO REMAIN IDLE THROUGHOUT THE WINTER SHALL RECEIVE TEMPORARY EROSION CONTROL MEASURES INCLUDING TEMPORARY SEEDING, MULCHING AND/OR EROSION CONTROL BLANKET PRIOR TO THE END OF THE FALL GROWING SEASON. THE AREAS TO BE WORKED BEYOND THE END OF THE GROWING SEASON MUST INCORPORATE SOIL STABILIZATION MEASURES DO NOT RELY ON VEGETATIVE COVER SUCH AS EROSION CONTROL BLANKET AND HEAVY MULCHING.

TEMPORARY DITCH FILTER

- TEMPORARY DITCH FITLER WILL BE REQUIRED AT THOSE LOCATIONS WHERE THE CONTRACTOR'S OPERATIONS REQUIRE TEMPORARY OR PERMANENT WATER QUALITY TREATMENT. THE LOCATION OF TEMPORARY DITCH FILTERS ARE SHOWN ON THE PLANS. THE EXACT LOCATION MAY REQUIRE FIELD ADJUSTMENTS AND WILL BE COORDINATED IN THE FIELD WITH THE ENGINEER. THE QUANTITIES INCLUDE A PLAN ALLOWANCE OF TWO (2) ADDITIONAL TEMPORARY DITCH FILTERS FOR MAINTENANCE PURPOSES.

DEWATERING

- WHEN DEWATERING THE CONSTRUCTION AREA IS NECESSARY, ALL WATERS SHALL BE FILTERED BY USING FILTER BAGS OR AN ALTERNATIVE MEASURE APPROVED BY IDOT. ALL FILTER BAGS MUST HAVE SECONDARY CONTAINMENT DEVICES, AND SHOULD BE PLACED ON LEVEL GROUND. WATER MUST HAVE SEDIMENT REMOVED BEFORE BEING ALLOWED TO RETURN TO THE ORIGINAL LAKE, CREEK AND/OR DITCH. THE DISCHARGE SHALL BE DESIGNED SO THAT RETURNING WATERS DO NOT CAUSE EROSION. THE CONTRACTOR SHALL COORDINATE THE METHOD, DESIGN, LOCATION, AND MAINTENANCE OF THE DEWATERING PLAN AND FILTER BAG(S) WITH THE ENGINEER AND IDOT AT THE PRE-CONSTRUCTION MEETING. THE CONTRACTOR MUST ALSO SUBMIT A DEWATERING PLAN TO THE US ARMY CORPS OF ENGINEERS (USACE) AND THE WILL/SOUTH COOK SOIL AND WATER CONSERVATION DISTRICT FOR APPROVAL PRIOR TO ANY DEWATERING WORK.

DEWATERING AND PUMPING FOR ALL CONSTRUCTION OPERATIONS WILL NOT BE MEASURED SEPARATELY FOR PAYMENT BUT SHALL BE INCLUDED IN THE COST OF THE RELATED ITEM OF WORK REQUIRING THE DEWATERING OPERATION. DEWATERING WILL INCLUDE MEANS, METHODS AND ALL MATERIALS AND EQUIPMENT TO DEWATER AND PROVIDE FILTRATION OF WATERS BEFORE RE-ENTERING THE DITCHES AND/OR CREEK.

WORK IN WATERWAY

- NO WORK SHALL BE PERFORMED IN FLOWING WATER. WORK IN AND NEAR THE CRITICAL AREAS SHALL BE ISOLATED FROM CONCENTRATED FLOWS OR STREAM FLOW. ONCE WORK IN THIS AREA BEGINS, PRIORITY SHALL BE GIVEN TO THE COMPLETION OF THE WORK AND FINAL STABILIZATION OF ALL DISTURBED AREAS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DIVERTING OR BYPASSING FLOWS AWAY FROM CONSTRUCTION AREAS. THE METHOD OF DEWATERING OR BYPASS SHALL BE PRESENTED TO THE RESIDENT ENGINEER AT THE PRECONSTRUCTION MEETING. THE SYSTEM SHALL BE DESIGNED TO CONVEY THE ANTICIPATED BASE FLOW OF THE CHANNEL DURING CONSTRUCTION. THE SYSTEM SHALL ALSO BE DESIGNED SO THAT LARGER DISCHARGES FROM STORM EVENTS CAN PASS DOWNSTREAM WITHOUT CREATING SOIL EROSION AND WATER QUALITY ISSUES. THE CONTRACTOR MUST ALSO SUBMIT AN IN-STREAM WORK PLAN TO THE US ARMY CORPS OF ENGINEERS (USACE) AND THE WILL/SOUTH COOK COUNTY SOIL AND WATER CONSERVATION DISTRICT FOR APPROVAL PRIOR TO ANY IN-STREAM WORK.
- WORK IN THE WATERWAY SHALL BE TIMED TO TAKE PLACE DURING LOW OR NO-FLOW CONDITIONS.
- THE WORK SHALL BE PERFORMED IN A MANNER THAT SHALL NOT ALLOW A VIOLATION OF FEDERAL, STATE OR LOCAL WATER QUALITY STANDARDS.
- ALL SYSTEMS TO DIVERT WATER AWAY FROM WORK AREAS SHALL BE INSTALLED PRIOR TO THE START OF WORK. WATER SHALL BE DIVERTED OR BYPASS PUMPED SO THAT FLOWING WATER IS NOT WITHIN EXCAVATION AREAS.
- EXCAVATED AREAS SHALL BE STABILIZED AS SOON AS POSSIBLE AFTER THE WORK HAS BEEN COMPLETED.

GENERAL NOTES

- PRIOR TO COMMENCING LAND-DISTURBING ACTIVITIES IN AREAS OTHER THAN INDICATED ON THESE PLANS (INCLUDING BUT NOT LIMITED TO, ADDITIONAL PHASES OR DEVELOPMENT AND OFF-SITE BORROW OR WASTE AREAS), A SUPPLEMENTARY EROSION CONTROL PLAN SHALL BE SUBMITTED TO THE ENGINEER FOR REVIEW.
- THE CONTRACTOR IS RESPONSIBLE FOR INSTALLATION OF ANY ADDITIONAL EROSION CONTROL MEASURES NECESSARY TO PREVENT EROSION AND SEDIMENTATION AS DETERMINED BY THE ENGINEER.
- WHERE WORK IS COMPELTE, PERMANENT STABILIZATION SHALL OCCUR WITHIN SEVEN (7) DAYS OF COMPLETION. WHERE WORK HAS TEMPORARILY CEASED FOR FOURTEEN (14) DAYS OR MORE, TEMPORARY STABILIZATION SHALL OCCUR BY THE SEVENTH DAY AFTER WORK HAS CEASED.
- ALL ADJACENT STREETS AND PARKING LOTS MUST BE KEPT CLEAR OF DEBRIS, INSPECTED DAILY, AND CLEANED WHEN NECESSARY.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR COMPLIANCE WITH ALL GENERAL AND SPECIAL REQUIREMENTS, CONDITIONS AND PROVISIONS FOR ALL APPLICABLE LOCAL, STATE AND FEDERAL PERMITS ISSUED FOR THIS PROJECT.

WILL/SOUTH COOK SOIL AND WATER CONSERVATION DISTRICT

- UNLESS OTHERWISE INDICATED, ALL VEGETATIVE AND STRUCTURAL EROSION AND SEDIMENT CONTROL PRACTICES WILL BE CONSTRUCTED ACCORDING TO MINIMUM STANDARDS AND SPECIFICATIONS IN THE ILLINOIS URBAN MANUAL, LATEST EDITION.
- THE WILL/SOUTH COOK SOIL AND WATER CONSERVATION DISTRICT (WSCWCD) MUST BE NOTIFIED ONE WEEK PRIOR TO THE PRE-CONSTRUCTION MEETING, ONE WEEK PRIOR TO THE COMMENCEMENT OF LAND-DISTURBING ACTIVITIES, AND ONE WEEK PRIOR TO THE FINAL INSPECTION.
- A COPY OF THE APPROVED EROSION AND SEDIMENT CONTROL PLAN SHALL BE MAINTAINED ON THE SITE AT ALL TIMES.
- PRIOR TO COMMENCING LAND-DISTURBING ACTIVITIES IN AREAS OTHER THAN INDICATED ON THESE PLANS, A SUPPLEMENTARY EROSION CONTROL PLAN SHALL BE SUBMITTED FOR REVIEW BY THE WSCWCD.
- THE CONTRACTOR IS RESPONSIBLE FOR INSTALLATION OF ANY ADDITIONAL EROSION CONTROL MEASURES NECESSARY TO PREVENT EROSION AND SEDIMENTATION AS DETERMINED BY THE WSCWCD.
- DURING DEWATERING OPERATIONS, WATER WILL BE FILTERED, OR PUMPED INTO SEDIMENT BASINS OR SILT TRAPS. DEWATERING DIRECTLY INTO STREAMS, WETLANDS, FIELD TILES, OR STORMWATER STRUCTURES IS PROHIBITED.
- IT IS THE RESPONSIBILITY OF THE LANDOWNER/GENERAL CONTRACTOR TO INFORM ANY SUB-CONTRACTOR(S) WHO MAY PERFORM WORK ON THIS SITE/PROJECT OF THE REQUIREMENTS IN IMPLEMENTING AND MAINTAINING THESE EROSION CONTROL PLANS AND ASSURE COMPLIANCE WITH ALL APPLICABLE LOCAL, STATE, AND FEDERAL REGULATIONS.

TYPICAL CONSTRUCTION SEQUENCE NOTES

- INSTALL TEMPORARY EROSION CONTROL MEASURES, DEWATERING MEASURES, AND TEMPORARY DIVERSION MEASURES.
- REMOVE EXISTING STORM SEWERS AND CULVERTS. THE CONTRACTOR SHALL PERFORM DAILY INSPECTIONS OF IN-WATER WORK TO MONITOR SEDIMENT CONTROL MEASURES.
- INSTALL CULVERT AND STORM SEWER.
- INSTALL PERMANENT STABILIZATION MEASURES - STONE RIPRAP AND SEEDING.

(THE CONTRACTOR SHALL MONITOR EROSION CONTROL MEASURES THROUGHOUT CONSTRUCTION.)

MAINTENANCE PLAN

- GENERAL
REGULAR INSPECTIONS AND ROUTINE MAINTENANCE OF GENERAL AREAS SHALL BE PERFORMED ON A MONTHLY OR AS-NEEDED BASIS. SPECIFIC ITEMS OF CONCERN INCLUDE:
- LITTER AND DEBRIS SHALL BE CONTROLLED.
- LANDSCAPED AREAS SHALL BE MAINTAINED WITH REGULAR MOWING AND RESTORED WITH APPROPRIATE SEEDING/VEGETATION AS NECESSARY.
- ACCUMULATED SEDIMENT SHALL BE DISPOSED OF PROPERLY, ALONG WITH ANY WASTES GENERATED DURING MAINTENANCE OPERATIONS.
- RIPRAP AREAS SHALL BE REPAIRED WITH THE ADDITION OF NEW RIPRAP, AS NECESSARY, OR SIMILAR SIZE AND SHAPE.
- ROADS SHALL BE SWEEPED, VACUUMED AND/OR WASHED ON A REGULAR BASIS.
- VEGETATED AREAS
- NEED FOR PLANTING, RESEEDING, OR SODDING. SUPPLEMENT ALTERNATIVE NATIVE VEGETATION IF A SIGNIFICATION PORTION HAS NOT ESTABLISHED (50% OF THE SURFACE AREA AFTER SECOND GROWING SEASON). RESEED WITH ALTERNATIVE NATIVE GRASS SPECIES IF ORIGINAL GRASS COVER HAS NOT SUCCESSFULLY ESTABLISHED.
- EVIDENCE OF GRAZING, MOTORBIKES, OR OTHER VEHICLES, REPAIR.
- CHECK FOR INVASIVE VEGETATION, REMOVE WHEN POSSIBLE.
- REGULAR MOWING TO CONTROL VEGETATION; IT IS RECOMMENDED THAT NATIVE VEGETATION REMAIN UNCUT.
- DEAD OR DAMAGED NON-NATIVE GRASSY AREAS - REPAIR WITH SEEDING WITH FERTILIZATION OR SEEDING WITH MULCH.
- COMPENSATORY STORAGE AREA SHALL BE RESEEDED WITH APPROPRIATE VEGETATION ACCORDING TO THE APPROVED PLANTING PLAN.

TEMPORARY CONCRETE WASHOUT FACILITY

- TEMPORARY CONCRETE WASHOUT FACILITY FINAL LOCATION TO BE DETERMINED BY THE CONTRACTOR AND APPROVED BY THE ENGINEER PRIOR TO CONCRETE POURS. THE CONCRETE WASHOUT WILL BE CONSTRUCTED ACCORDING TO THE MINIMUM STANDARDS AND SPECIFICATIONS IN THE ILLINOIS URBAN MANUAL, LATEST EDITION.

STABILIZED CONSTRUCTION ENTRANCE

- THE STABILIZED CONSTRUCTION ENTRANCE FINAL LOCATION TO BE DETERMINED BY THE CONTRACTOR AND APPROVED BY THE ENGINEER. THE STABILIZED CONSTRUCTION ENTRANCE WILL BE CONSTRUCTED ACCORDING TO THE MINIMUM STANDARDS AND SPECIFICATIONS IN THE ILLINOIS URBAN MANUAL, LATEST EDITION.

STOCKPILING

- IF STOCKPILING IS REQUIRED, THE LOCATION, DETERMINED BY THE CONTRACTOR, MUST BE APPROVED BY THE ENGINEER. APPROPRIATE TEMPORARY EROSION CONGTROL MEASURES MUST BE IN PLACE.

STABILIZED CONSTRUCTION AREA


- TEMPORARY STABILIZATION OF THE CONSTRUCTION AREA SHALL TAKE PLACE AT THE END OF EACH WORK DAY. THIS SHALL INCLUDE REMOVAL OF ALL EQUIPMENT AND HAZARDOUS MATERIAL WITHIN THE CHANNEL.
- PERMANENT STABILIZATION OF THE CONSTRUCTION AREA SHALL BE COMPLETED AT THE END OF EACH MAJOR STAGE OF WORK.

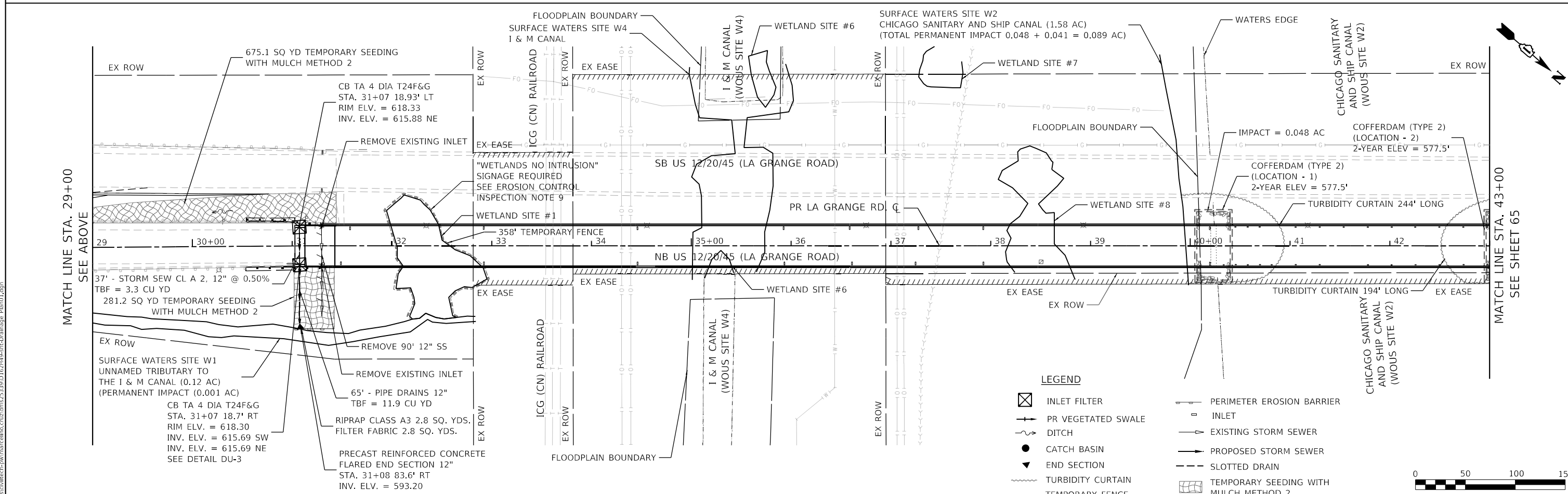
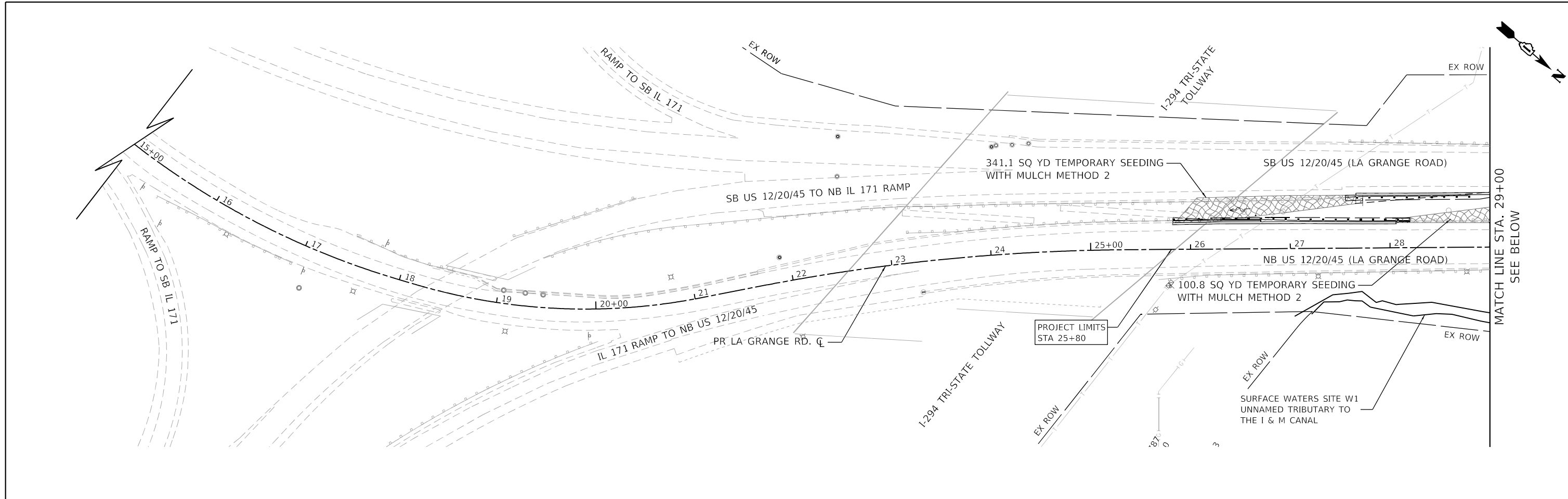
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

US 1220/45 (LA GRANGE ROAD)
EROSION CONTROL NOTES

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	2018-133-BR	COOK	308	63
CONTRACT NO. 62H49				
ILLINOIS		FED. AID PROJECT		

SCALE: SHEET OF SHEETS STA. TO STA.

 Two Pierce Place, Suite 1400 Itasca, Illinois 60143 Tel: 630.773.3900 Fax: 630.773.3975 www.civiltechinc.com	USER NAME = mc	DESIGNED -	REVISED -	
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

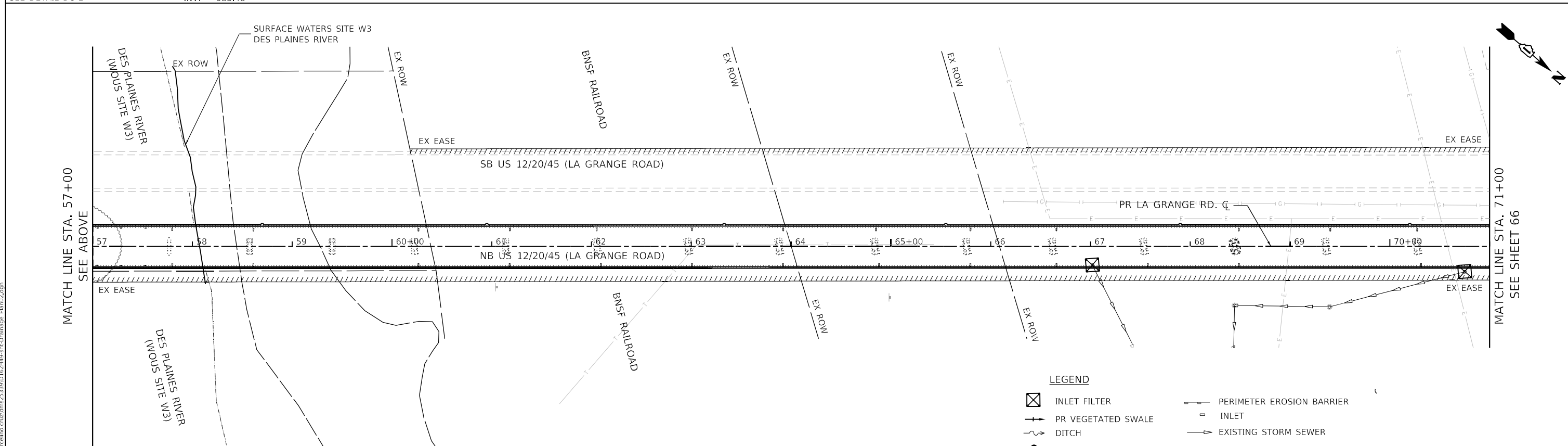
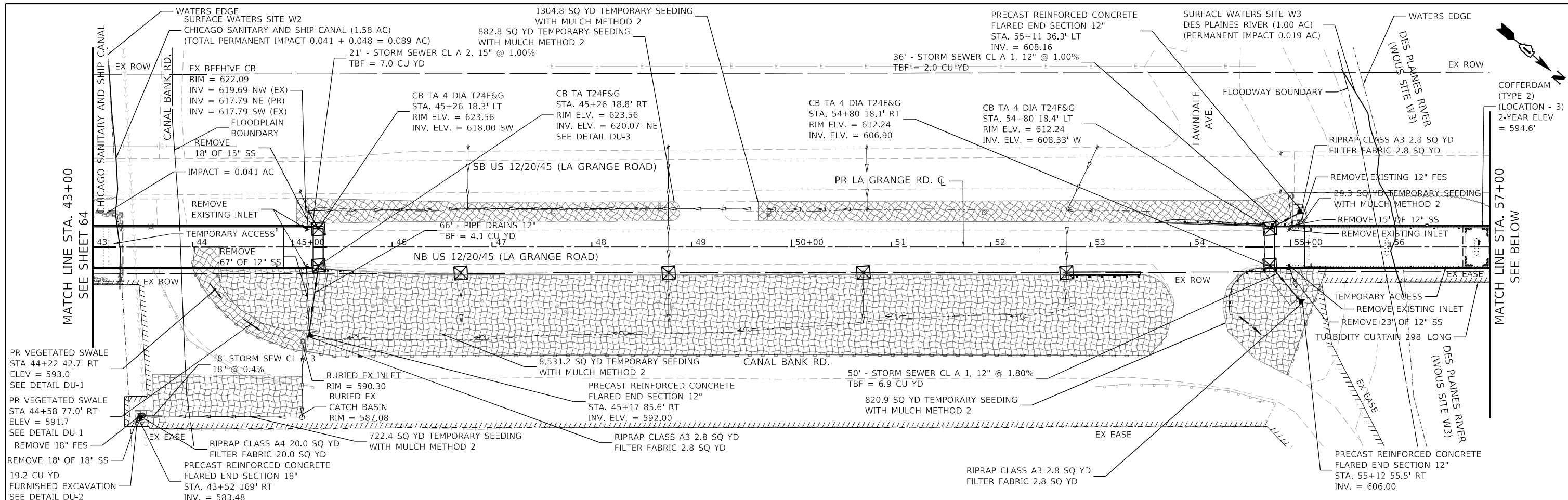
**US 12/20/45 (LA GRANGE ROAD)
 DRAINAGE, UTILITY AND EROSION CONTROL PLAN**

SCALE: 1" = 50' SHEET 1 OF 3 SHEETS STA. 15+00 TO STA. 43+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	2018-133-BR	COOK	308	64
CONTRACT NO. 62H49				
ILLINOIS FED. AID PROJECT				

- LEGEND**
- INLET FILTER
 - PR VEGETATED SWALE
 - DITCH
 - CATCH BASIN
 - END SECTION
 - TURBIDITY CURTAIN
 - TEMPORARY FENCE
 - PERIMETER EROSION BARRIER
 - INLET
 - EXISTING STORM SEWER
 - PROPOSED STORM SEWER
 - SLOTTED DRAIN
 - TEMPORARY SEEDING WITH MULCH METHOD 2





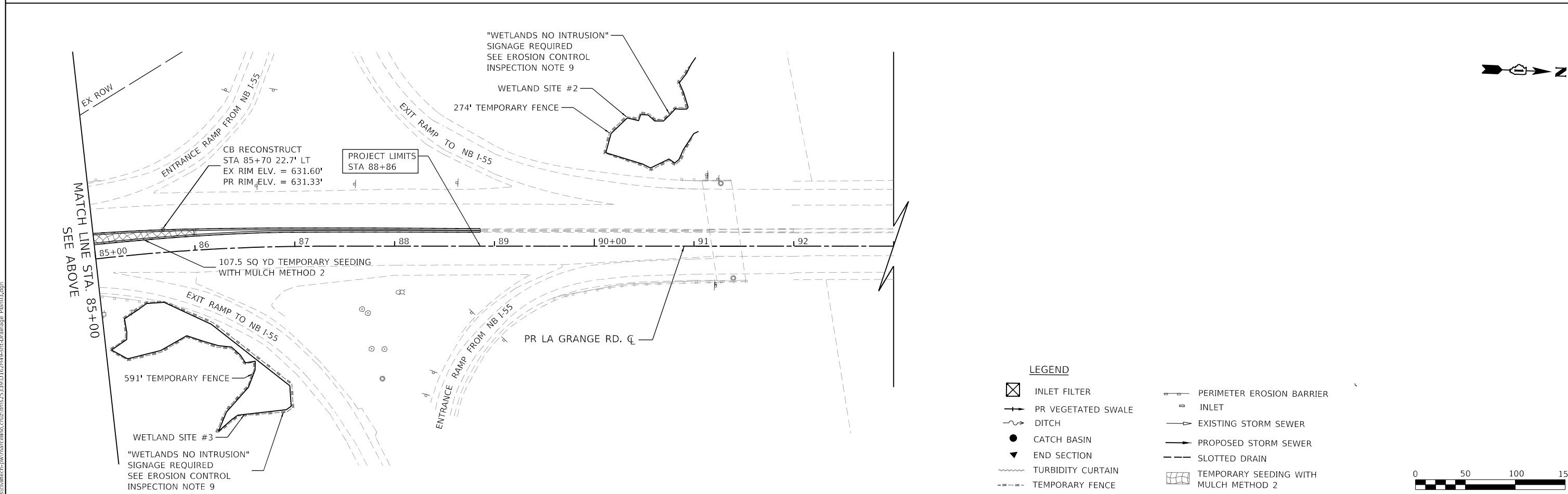
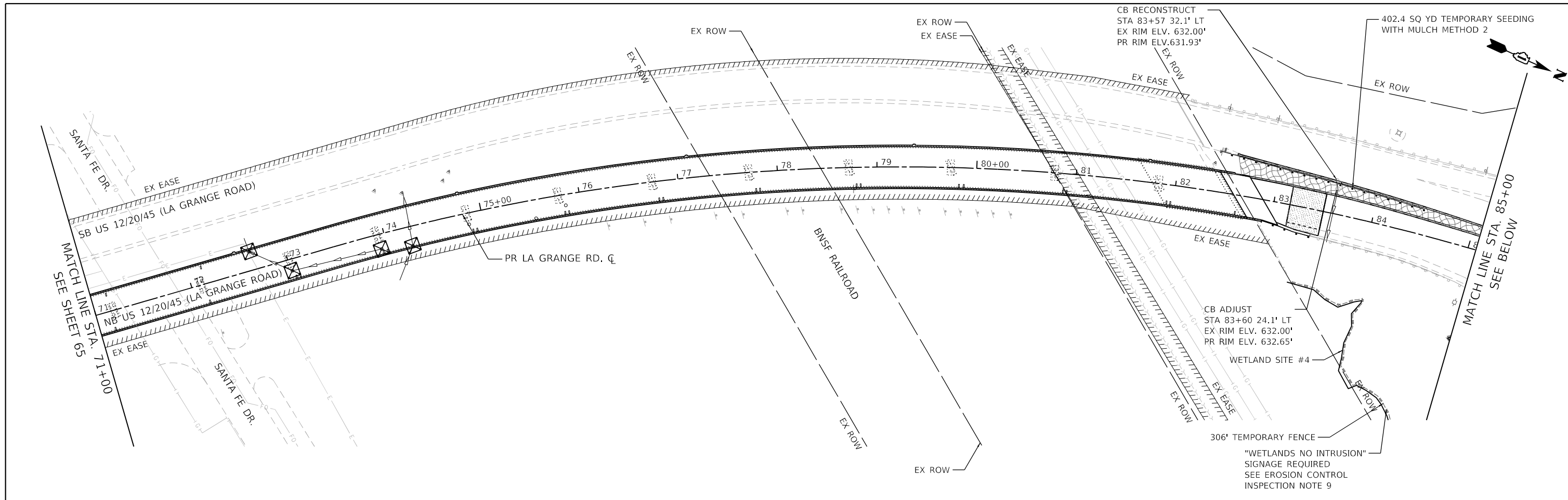
DES PLAINES RIVER 2-YEAR FLOOD ELEVATION = 594.6'
 CHICAGO SANITARY AND SHIP CANAL 2-YEAR FLOOD ELEVATION = 577.5'

LEGEND

- INLET FILTER
- PR VEGETATED SWALE
- DITCH
- CATCH BASIN
- END SECTION
- TURBIDITY CURTAIN
- TEMPORARY FENCE
- PERIMETER EROSION BARRIER
- INLET
- EXISTING STORM SEWER
- PROPOSED STORM SEWER
- SLOTTED DRAIN
- TEMPORARY SEEDING WITH MULCH METHOD 2

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SCALE IN FEET

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	SCALE: 1" = 50' SHEET 2 OF 3 SHEETS STA. 43+00 TO STA. 71+00						



- LEGEND**
- ☒ INLET FILTER
 - +— PR VEGETATED SWALE
 - - - DITCH
 - CATCH BASIN
 - ▼ END SECTION
 - TURBIDITY CURTAIN
 - - - - TEMPORARY FENCE
 - PERIMETER EROSION BARRIER
 - INLET
 - EXISTING STORM SEWER
 - PROPOSED STORM SEWER
 - - - SLOTTED DRAIN
 - TEMPORARY SEEDING WITH MULCH METHOD 2



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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

US 12/20/45 (LA GRANGE ROAD)
DRAINAGE, UTILITY AND EROSION CONTROL PLAN

SCALE: 1" = 50' SHEET 3 OF 3 SHEETS STA. 71+00 TO STA. 93+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	2018-133-BR	COOK	308	66
CONTRACT NO. 62H49				
ILLINOIS FED. AID PROJECT				

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PROFILE	SURVEYED	BY	DATE
	PLOTTED		
NOTE BOOK NO.	CHECKED		
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EXISTING GROUND ELEVATION	PROPOSED CENTERLINE ELEVATION	599.08	598.21	597.47	596.80	596.33	595.88	595.62	595.29	595.41	595.18	595.43	595.60	595.93	596.17	596.76	597.11	597.82	598.46	599.20	600.07	600.99	602.11	603.23	604.51	605.86	607.23	608.57	610.14	611.73
		15+00		16+00		17+00		18+00		19+00		20+00		21+00		22+00		23+00		24+00		25+00		26+00		27+00		28+00		29+00

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**US 122045 (LA GRANGE ROAD)
DRAINAGE, UTILITY AND EROSION CONTROL PROFILE**

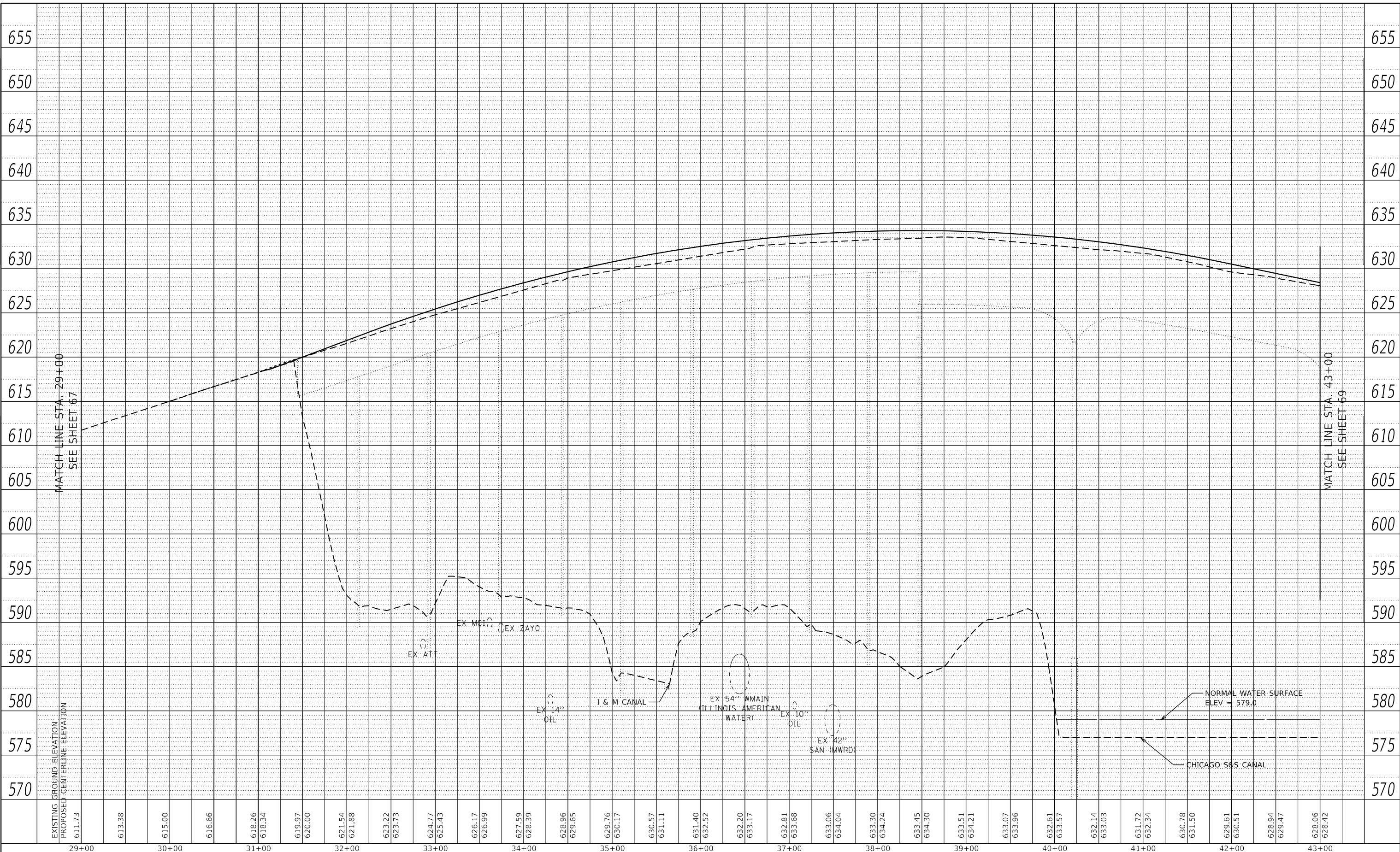
SCALE: 1" = 50' SHEET 1 OF 6 SHEETS STA. 15+00 TO STA. 29+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	2018-133-BR	COOK	308	67
CONTRACT NO. 62H49				
ILLINOIS		FED. AID PROJECT		

PLAN	SURVEYED	DATE
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	GRADE CHECKED	
	STRUCTURE NOTATIONS THRW	

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

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29+00	30+00	31+00	32+00	33+00	34+00	35+00	36+00	37+00	38+00	39+00	40+00	41+00	42+00	43+00																																							
611.73	613.38	615.00	616.66	618.26	618.34	619.97	620.00	621.54	621.88	623.22	623.73	624.77	625.43	626.17	626.99	627.59	628.39	628.96	629.65	629.76	630.17	630.57	631.11	631.40	632.52	632.20	633.17	632.81	633.68	633.06	634.04	633.30	634.24	633.45	634.30	633.51	634.21	633.07	633.96	632.61	633.57	632.14	633.03	631.72	632.34	630.78	631.50	629.61	630.51	628.94	629.47	628.06	628.42

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	DATE - 10/21/2021	REVISED -

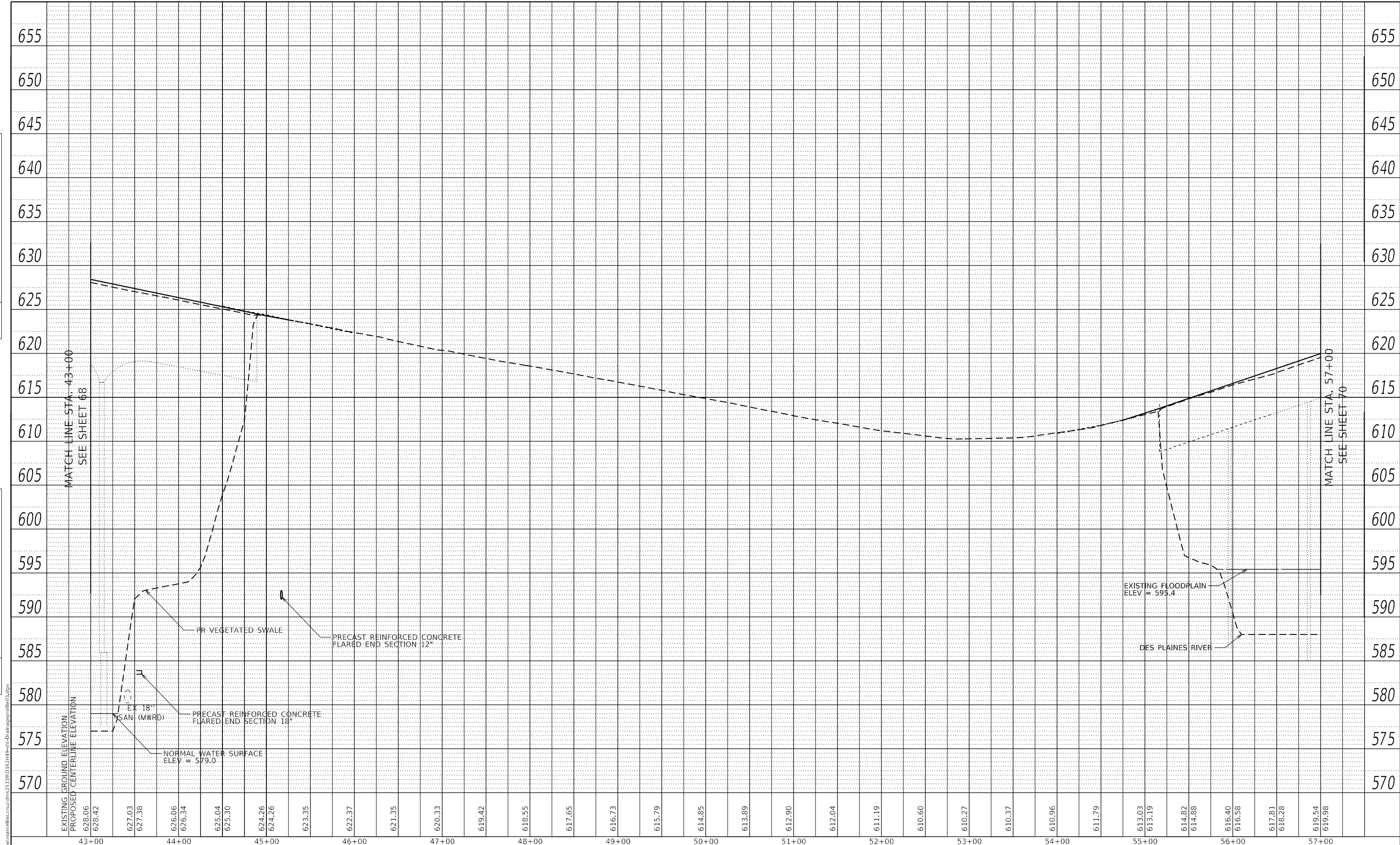
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**US 122045 (LA GRANGE ROAD)
DRAINAGE, UTILITY AND EROSION CONTROL PROFILE**
SCALE: 1" = 50' SHEET 2 OF 6 SHEETS STA. 29+00 TO STA. 43+00

F.A.P. RTE. 330	SECTION 2018-133-BR	COUNTY COOK	TOTAL SHEETS 308	SHEET NO. 68
CONTRACT NO. 62H49			ILLINOIS FED. AID PROJECT	

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

PROFILE	SURVEYED	BY	DATE
	PLOTTED		
	GRADES		
	CHECKED		
	NO. _____		
	FILE NAME		



EXISTING GROUND ELEVATION	628.06	627.03	626.06	625.04	624.26	623.35	622.37	621.35	620.33	619.42	618.55	617.65	616.73	615.79	614.85	613.89	612.90	612.04	611.19	610.60	610.27	610.37	610.96	611.79	613.03	614.82	616.40	618.28	619.54
PROPOSED CENTERLINE ELEVATION	628.42	627.38	626.34	625.30	624.26	623.35	622.37	621.35	620.33	619.42	618.55	617.65	616.73	615.79	614.85	613.89	612.90	612.04	611.19	610.60	610.27	610.37	610.96	611.79	613.19	614.88	616.58	618.28	619.98

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PLOT SCALE = 100,0000' / in.	DRAWN -	REVISED -
PLOT DATE = 11/10/2021	CHECKED -	REVISED -
	DATE = 10/21/2021	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**US 122045 (LA GRANGE ROAD)
 DRAINAGE, UTILITY AND EROSION CONTROL PROFILE**

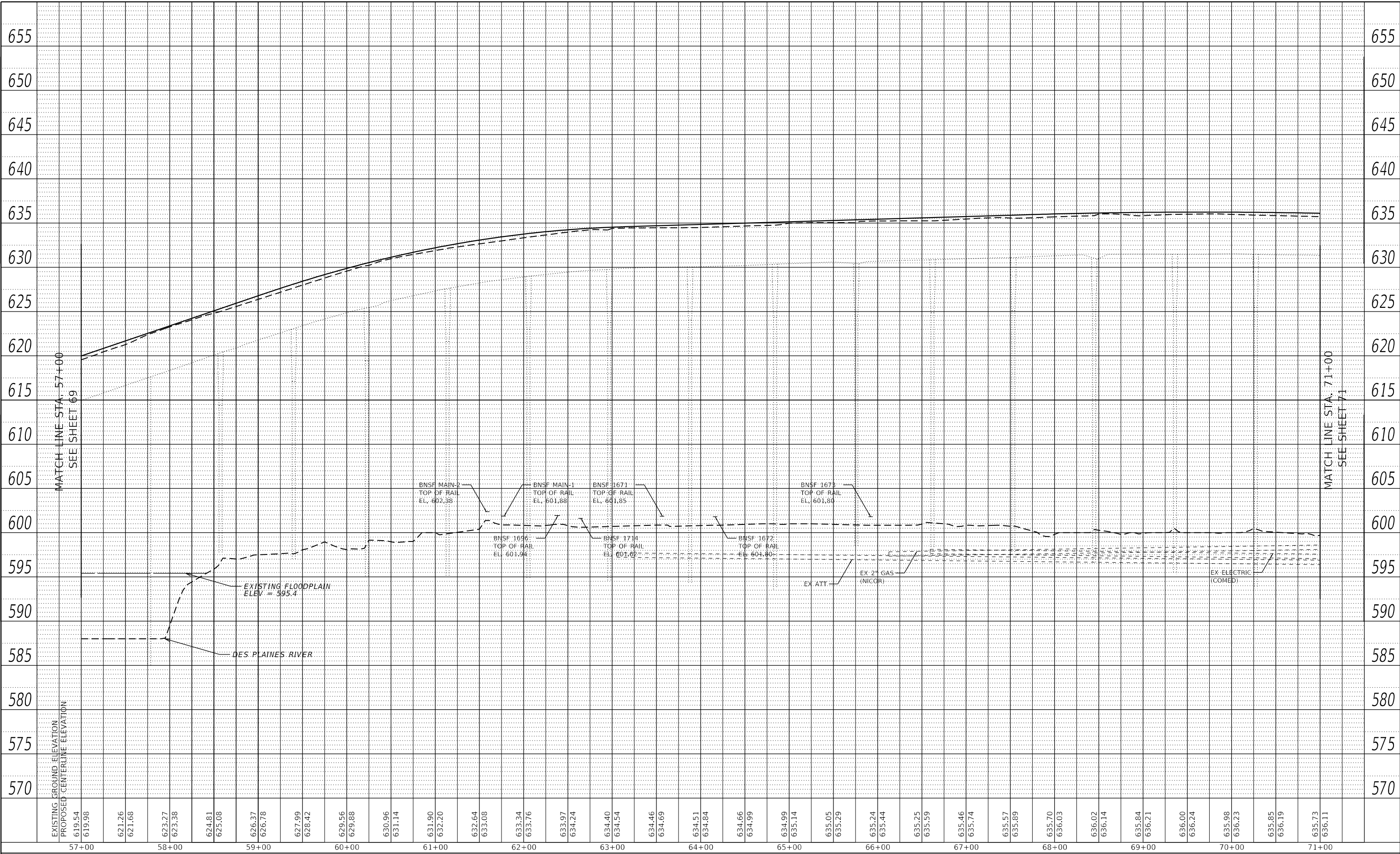
SCALE: 1" = 50' SHEET 3 OF 6 SHEETS STA. 43+00 TO STA. 57+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	2018-133-BR	COOK	308	69
CONTRACT NO. 62H49				
ILLINOIS		FED. AID PROJECT		

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

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

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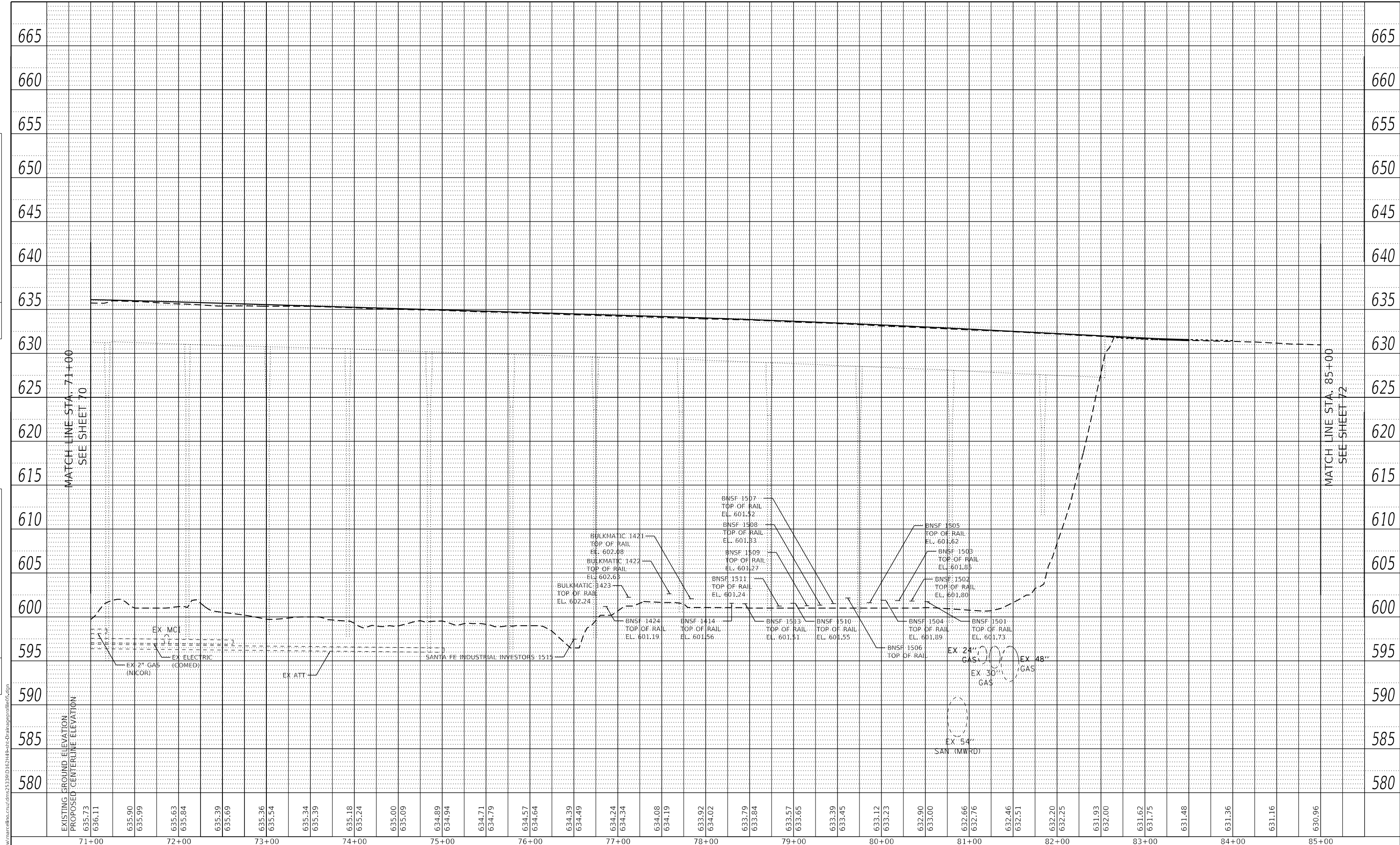


EXISTING GROUND ELEVATION	619.54	619.98	621.26	621.68	623.27	623.38	624.81	625.08	626.37	626.78	627.99	628.42	629.56	629.88	630.96	631.14	631.90	632.20	632.64	633.08	633.34	633.76	633.97	634.24	634.40	634.54	634.46	634.69	634.51	634.84	634.66	634.99	634.99	635.14	635.05	635.29	635.24	635.44	635.25	635.59	635.46	635.74	635.57	635.89	635.70	636.03	636.02	636.14	635.84	636.21	636.00	636.24	635.98	636.23	635.85	636.19	635.73	636.11
PROPOSED CENTERLINE ELEVATION	619.98	619.98	621.68	621.68	623.38	623.38	625.08	625.08	626.78	626.78	628.42	628.42	629.88	629.88	631.14	631.14	632.20	632.20	633.08	633.08	633.76	633.76	634.24	634.24	634.54	634.54	634.69	634.69	634.84	634.84	634.99	634.99	635.14	635.14	635.29	635.29	635.44	635.44	635.59	635.59	635.74	635.74	635.89	635.89	636.03	636.03	636.14	636.14	636.21	636.21	636.24	636.24	636.23	636.23	636.19	636.19	636.11	636.11

<p>Two Pierce Place, Suite 1400 Mascoutah, Illinois 60143 Tel: 630.773.3900 Fax: 630.773.3975 www.civiltechinc.com</p>	USER NAME = mc	DESIGNED -	REVISED -	<p align="center">STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</p> <p align="center">US 1220/45 (LA GRANGE ROAD) DRAINAGE, UTILITY AND EROSION CONTROL PROFILE</p> <p>SCALE: 1" = 50' SHEET 4 OF 6 SHEETS STA. 57+00 TO STA. 71+00</p>	F.A.P. RTE. 330	SECTION 2018-133-BR	COUNTY COOK	TOTAL SHEETS 308	SHEET NO. 70
	PLOT SCALE = 100,0000' / in.	CHECKED -	REVISED -		CONTRACT NO. 62H49				
	PLOT DATE = 10/21/2021	DATE = 10/21/2021	REVISED -		ILLINOIS FED. AID PROJECT				

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

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



EXISTING GROUND ELEVATION	PROPOSED CENTERLINE ELEVATION	71+00	72+00	73+00	74+00	75+00	76+00	77+00	78+00	79+00	80+00	81+00	82+00	83+00	84+00	85+00
		636.11	635.90	635.63	635.39	635.18	635.00	634.89	634.71	634.57	634.45	633.90	632.66	631.93	631.62	630.96

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Two Pierce Place, Suite 1400 Miasca, Illinois 60143 Tel: 630.773.3900 Fax: 630.773.3975 www.civiltechinc.com	USER NAME = mc	DESIGNED -	REVISED -
	PLOT SCALE = 100,0000' / in.	DRAWN -	REVISED -
	PLOT DATE = 11/10/2021	CHECKED -	REVISED -
		DATE = 10/21/2021	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**US 120/45 (LA GRANGE ROAD)
 DRAINAGE, UTILITY AND EROSION CONTROL PROFILE**

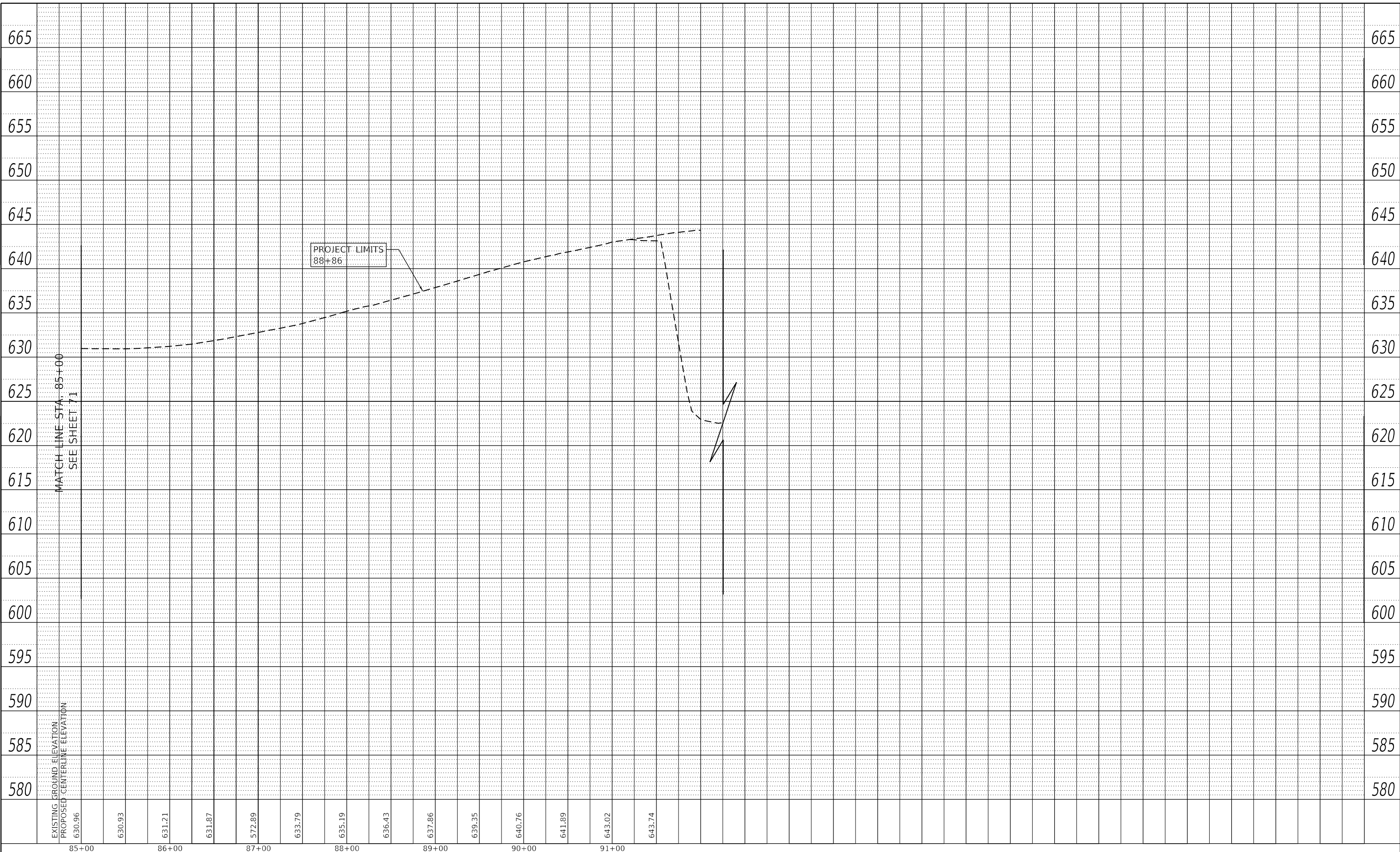
SCALE: 1" = 50' SHEET 5 OF 6 SHEETS STA. 71+00 TO STA. 85+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	2018-133-BR	COOK	308	71
CONTRACT NO. 62H49				
ILLINOIS		FED. AID PROJECT		

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

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

MODEL: Default
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CIVILTECH
Two Pierce Place, Suite 1400
Mascoutah, Illinois 60143
Tel: 630.773.3900
Fax: 630.773.3975
www.civiltechinc.com

USER NAME = mc
PLOT SCALE = 100,0000' / in.
PLOT DATE = 10/21/2021

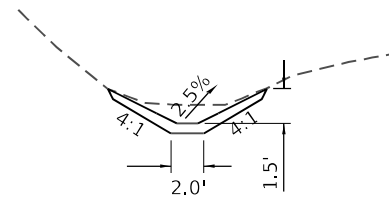
DESIGNED -
DRAWN -
CHECKED -
DATE - 10/21/2021

REVISED -
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REVISED -

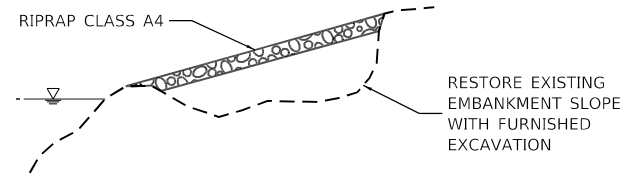
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**US 122045 (LA GRANGE ROAD)
DRAINAGE, UTILITY AND EROSION CONTROL PROFILE**
SCALE: 1" = 50' SHEET 6 OF 6 SHEETS STA. 85+00 TO STA. 96+92

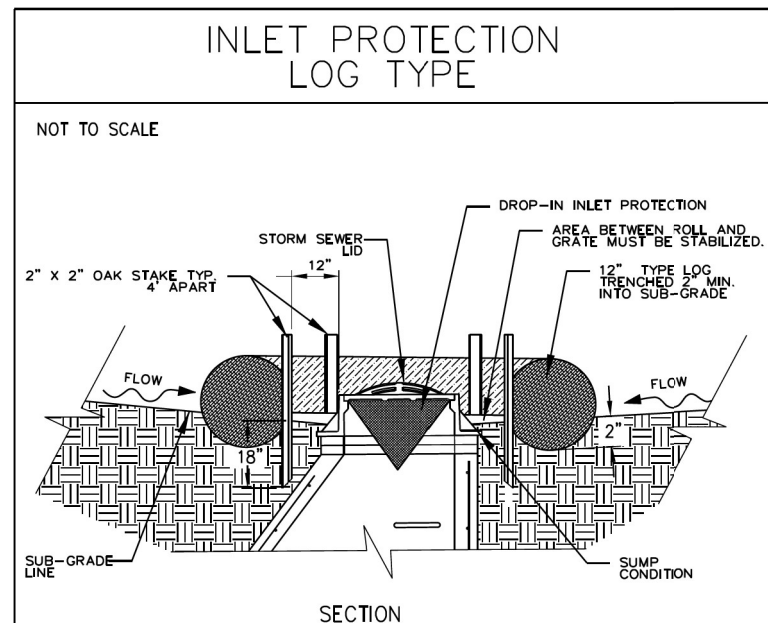
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	2018-133-BR	COOK	308	72
CONTRACT NO. 62H49				
ILLINOIS FED. AID PROJECT				



DETAIL DU-1
PROPOSED SWALE



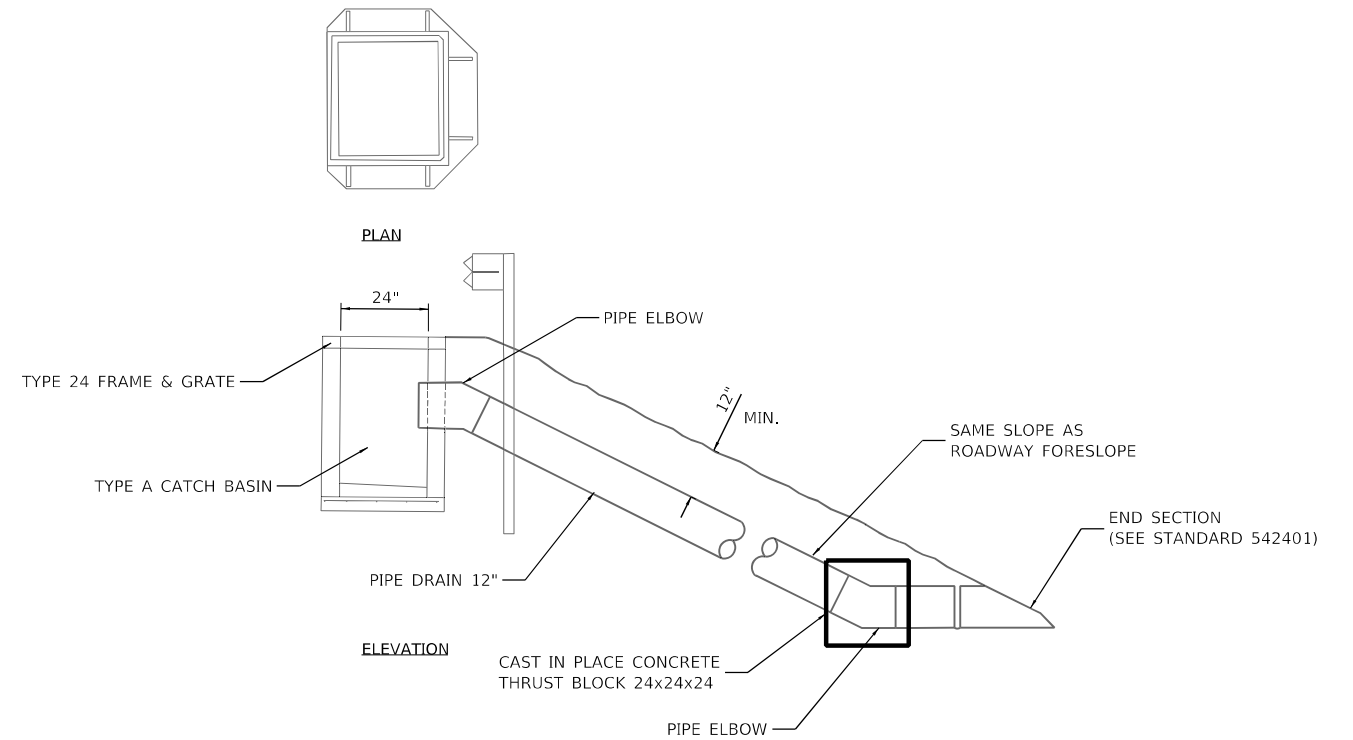
DETAIL DU-2
EROSION REPAIR



- NOTES:**
1. 2" x 2" nominal hardwood stakes, 4 foot minimum length, driven into ground approximately 18 inches, stakes driven a minimum width of 12 inches away from the drop inlet.
 2. Area inside the log, from edge of fabric to structure, must be stabilized with erosion control blanket. Turf Reinforcement Mat, Geotextile 592 Table 2 Class 2 or CA-7 stone.
 3. The maximum distance between the stakes should be 4 feet.
 4. A maintenance schedule must maintain a sediment accumulation of less than 50% of the height of the log.

REFERENCE			
Project	_____	DESIGNED -	_____
Designed	_____ Date _____	DRAWN -	_____
Checked	_____ Date _____	CHECKED -	_____
Approved	_____ Date _____	DATE	11-30-2015

DETAIL DU-4
INLET PROTECTION DETAIL



DETAIL DU-3
OUTLET DETAIL

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Two Pierce Place, Suite 1400
 Moline, Illinois 61413
 Tel: 630.773.3900
 Fax: 630.773.3975
 www.civiltechinc.com

USER NAME = mc	DESIGNED -	REVISD -
PLOT SCALE = 100,0000' / in.	DRAWN -	REVISD -
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

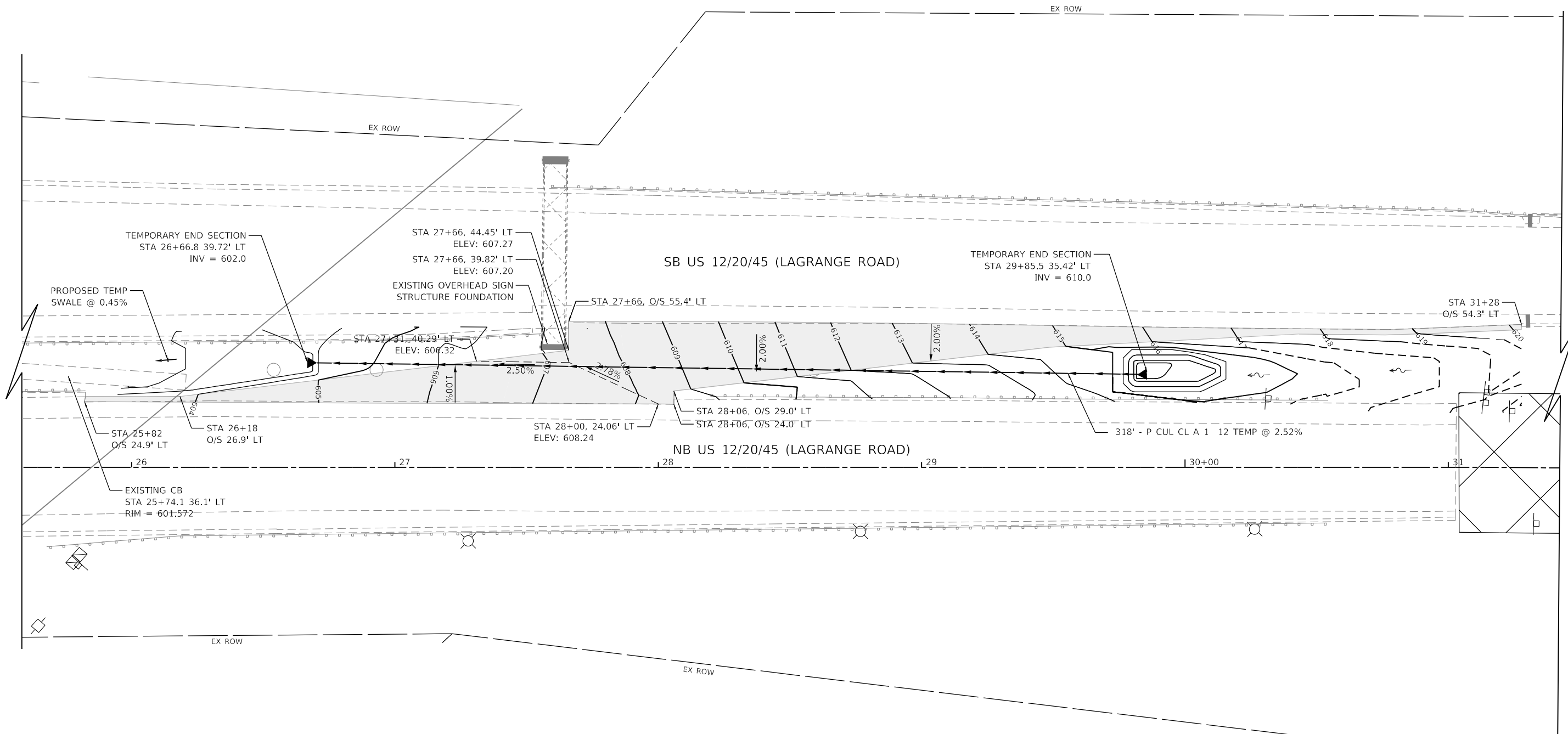
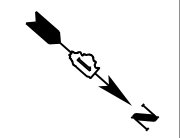
US 1220/45 (LA GRANGE ROAD)
DRAINAGE, UTILITY AND EROSION CONTROL DETAILS

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

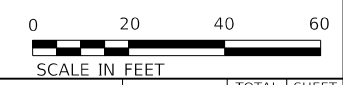
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	2018-133-BR	COOK	308	73
CONTRACT NO. 62H49				
ILLINOIS FED. AID PROJECT				

LEGEND

- TEMPORARY PAVEMENT
- PAVEMENT GRADING BREAK LINE
- EXISTING CONTOUR, MAJOR
- EXISTING CONTOUR, MINOR
- PROPOSED CONTOUR, MAJOR
- PROPOSED CONTOUR, MINOR



NOTE:
 CONTRACTOR SHALL REFER TO THE CROSS SECTIONS AND
 PROPOSED TYPICAL SECTIONS FOR ADDITIONAL CROSSOVER
 PAVEMENT GRADING INFORMATION.



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	DATE = 10/21/2021	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

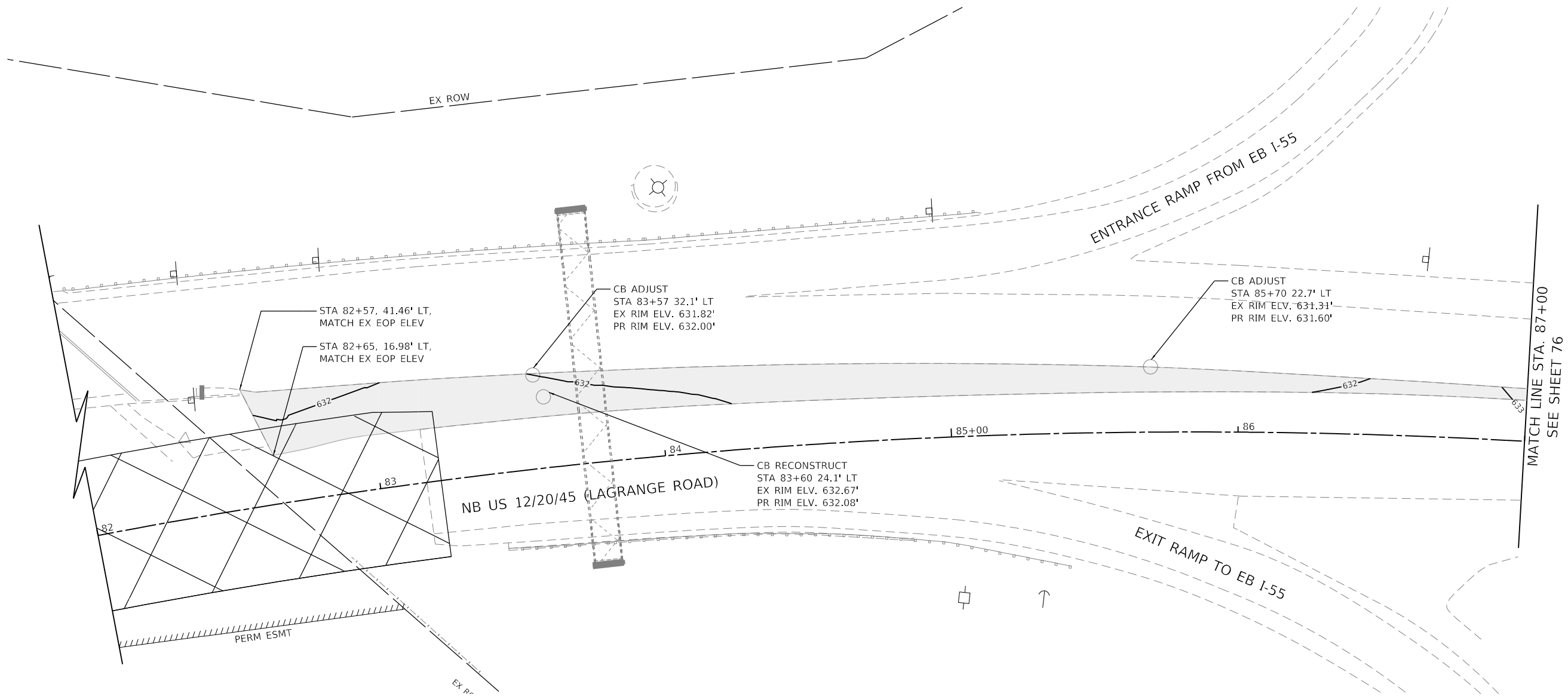
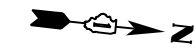
**US 12/20/45 (LA GRANGE ROAD) & SN 016-2468
 CROSS OVER GRADING PLAN**

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	2018-133-BR	COOK	308	74
CONTRACT NO. 62H49				
ILLINOIS FED. AID PROJECT				

LEGEND

- TEMPORARY PAVEMENT
- PAVEMENT GRADING BREAK LINE
- EXISTING CONTOUR, MAJOR
- EXISTING CONTOUR, MINOR
- PROPOSED CONTOUR, MAJOR
- PROPOSED CONTOUR, MINOR



NOTE:
 CONTRACTOR SHALL REFER TO THE CROSS SECTIONS AND
 PROPOSED TYPICAL SECTIONS FOR ADDITIONAL CROSSOVER
 PAVEMENT GRADING INFORMATION.



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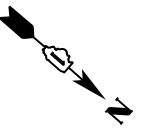
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DRAWN -	REVISOR -	REVISOR -
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PLOT DATE = 10/21/2021	DATE - 10/21/2021	REVISOR -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

US 12/20/45 (LA GRANGE ROAD) & SN 016-2467
CROSS OVER GRADING PLAN

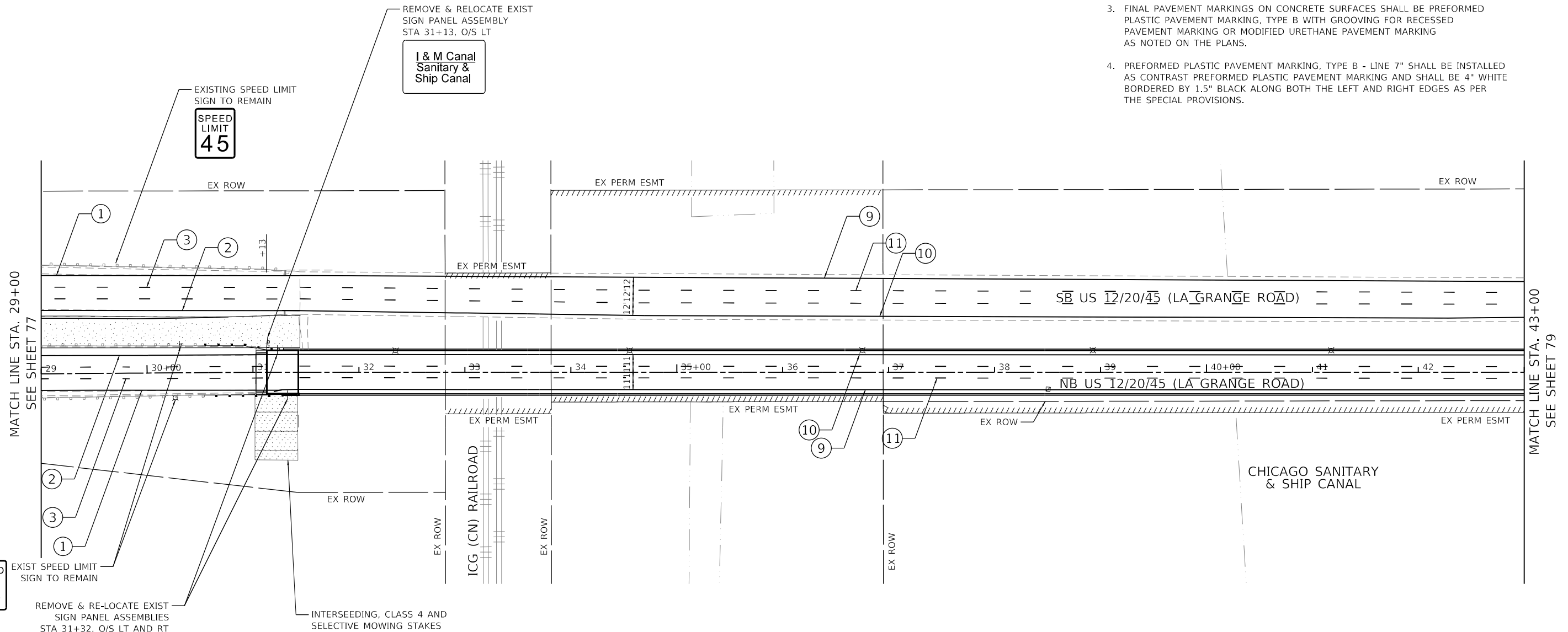
SCALE: 1" = 20' SHEET 2 OF 3 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	2018-133-BR	COOK	308	75
CONTRACT NO. 62H49				
ILLINOIS FED. AID PROJECT				



NOTES:

1. FINAL PAVEMENT MARKINGS AND RAISED REFLECTIVE PAVEMENT MARKERS SHALL BE PLACED IN ACCORDANCE WITH DISTRICT ONE DETAILS TC-11 AND TC-13.
2. DISTURBED MEDIAN AREAS SHALL BE RESTORED AS NOTED ON THE PLANS. LIMITS OF PLACEMENT SHALL BE COORDINATED WITH THE ENGINEER. LANDSCAPED RESTORATION AREA PAID FOR AS: TOPSOIL FURNISH AND PLACE, 6" AND SEEDING, CLASS 2A.
3. FINAL PAVEMENT MARKINGS ON CONCRETE SURFACES SHALL BE PREFORMED PLASTIC PAVEMENT MARKING, TYPE B WITH GROOVING FOR RECESSED PAVEMENT MARKING OR MODIFIED URETHANE PAVEMENT MARKING AS NOTED ON THE PLANS.
4. PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - LINE 7" SHALL BE INSTALLED AS CONTRAST PREFORMED PLASTIC PAVEMENT MARKING AND SHALL BE 4" WHITE BORDERED BY 1.5" BLACK ALONG BOTH THE LEFT AND RIGHT EDGES AS PER THE SPECIAL PROVISIONS.



SPEED LIMIT 45

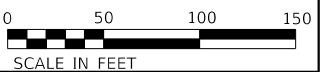
SPEED LIMIT 45

WATCH FOR WATER/ICE ON ROAD

LEGEND

- | | | |
|---------------------------------------------------------------------------------|----------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------|
| ① THERMOPLASTIC PAVEMENT MARKING - LINE 4" SOLID WHITE | ⑤ THERMOPLASTIC PAVEMENT MARKING - LINE 8" SOLID WHITE | ⑨ MODIFIED URETHANE PAVEMENT MARKING - LINE 4" SOLID WHITE (OUTSIDE EDGELINE) |
| ② THERMOPLASTIC PAVEMENT MARKING - LINE 4" SOLID YELLOW | ⑥ THERMOPLASTIC PAVEMENT MARKING - LINE 12" SOLID WHITE | ⑩ MODIFIED URETHANE PAVEMENT MARKING - LINE 4" SOLID YELLOW (INSIDE EDGELINE) |
| ③ THERMOPLASTIC PAVEMENT MARKING - LINE 4" SKIP-DASH (10' DASH, 30' SKIP) WHITE | ⑦ THERMOPLASTIC PAVEMENT MARKING - LETTERS & SYMBOLS | ⑪ PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - LINE 7" AND GROOVING FOR RECESSED PAVEMENT MARKING 8" (SEE NOTE 4) |
| ④ THERMOPLASTIC PAVEMENT MARKING - LINE 6" DOTTED (2' DASH, 6' SKIP) WHITE | ⑧ MODIFIED URETHANE PAVEMENT MARKING - LETTERS & SYMBOLS | |

- LANDSCAPED RESTORATION AREA (SEE NOTE 2)
- PERMANENT SEEDING, CLASS 4A OR INTERSEEDING, CLASS 4 (AS NOTED)



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Plot Scale: 1" = 100.0000'
Plot Date: 10/21/2021



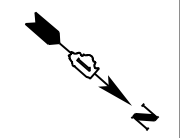
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	DATE - 10/21/2021	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**US 12/20/45 (LA GRANGE ROAD)
PAVEMENT MARKING, SIGNING & LANDSCAPE PLAN**

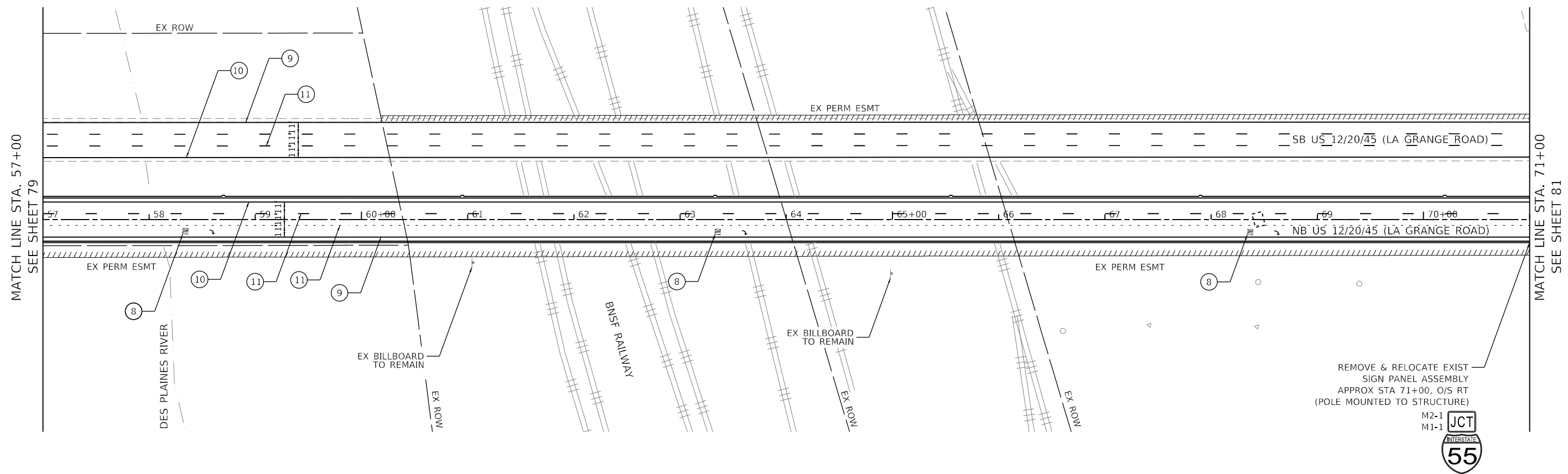
SCALE: 1" = 50' SHEET 2 OF 7 SHEETS STA. 29+00 TO STA. 43+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	2018-133-BR	COOK	308	78
CONTRACT NO. 62H49				
ILLINOIS FED. AID PROJECT				



NOTES:

1. FINAL PAVEMENT MARKINGS AND RAISED REFLECTIVE PAVEMENT MARKERS SHALL BE PLACED IN ACCORDANCE WITH DISTRICT ONE DETAILS TC-11 AND TC-13.
2. DISTURBED MEDIAN AREAS SHALL BE RESTORED AS NOTED ON THE PLANS. LIMITS OF PLACEMENT SHALL BE COORDINATED WITH THE ENGINEER. LANDSCAPED RESTORATION AREA PAID FOR AS: TOPSOIL FURNISH AND PLACE, 6" AND SEEDING, CLASS 2A.
3. FINAL PAVEMENT MARKINGS ON CONCRETE SURFACES SHALL BE PREFORMED PLASTIC PAVEMENT MARKING, TYPE B WITH GROOVING FOR RECESSED PAVEMENT MARKING OR MODIFIED URETHANE PAVEMENT MARKING AS NOTED ON THE PLANS.
4. PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - LINE 7" SHALL BE INSTALLED AS CONTRAST PREFORMED PLASTIC PAVEMENT MARKING AND SHALL BE 4" WHITE BORDERED BY 1.5" BLACK ALONG BOTH THE LEFT AND RIGHT EDGES AS PER THE SPECIAL PROVISIONS.



LEGEND

- | | | |
|---------------------------------------------------------------------------------|----------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------|
| ① THERMOPLASTIC PAVEMENT MARKING - LINE 4" SOLID WHITE | ⑤ THERMOPLASTIC PAVEMENT MARKING - LINE 8" SOLID WHITE | ⑨ MODIFIED URETHANE PAVEMENT MARKING - LINE 4" SOLID WHITE (OUTSIDE EDGELINE) |
| ② THERMOPLASTIC PAVEMENT MARKING - LINE 4" SOLID YELLOW | ⑥ THERMOPLASTIC PAVEMENT MARKING - LINE 12" SOLID WHITE | ⑩ MODIFIED URETHANE PAVEMENT MARKING - LINE 4" SOLID YELLOW (INSIDE EDGELINE) |
| ③ THERMOPLASTIC PAVEMENT MARKING - LINE 4" SKIP-DASH (10' DASH, 30' SKIP) WHITE | ⑦ THERMOPLASTIC PAVEMENT MARKING - LETTERS & SYMBOLS | ⑪ PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - LINE 7" AND GROOVING FOR RECESSED PAVEMENT MARKING 8" (SEE NOTE 4) |
| ④ THERMOPLASTIC PAVEMENT MARKING - LINE 6" DOTTED (2' DASH, 6' SKIP) WHITE | ⑧ MODIFIED URETHANE PAVEMENT MARKING - LETTERS & SYMBOLS | |
- LANDSCAPED RESTORATION AREA (SEE NOTE 2)
 PERMANENT SEEDING, CLASS 4A OR INTERSEEDING, CLASS 4 (AS NOTED)

REMOVE & RELOCATE EXIST SIGN PANEL ASSEMBLY APPROX STA 71+00, O/S RT (POLE MOUNTED TO STRUCTURE)

M2-1
M1-1



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PLOT SCALE = 100,0000' / in.	DRAWN -	REVISED -
PLOT DATE = 10/21/2021	CHECKED -	REVISED -
	DATE - 10/21/2021	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

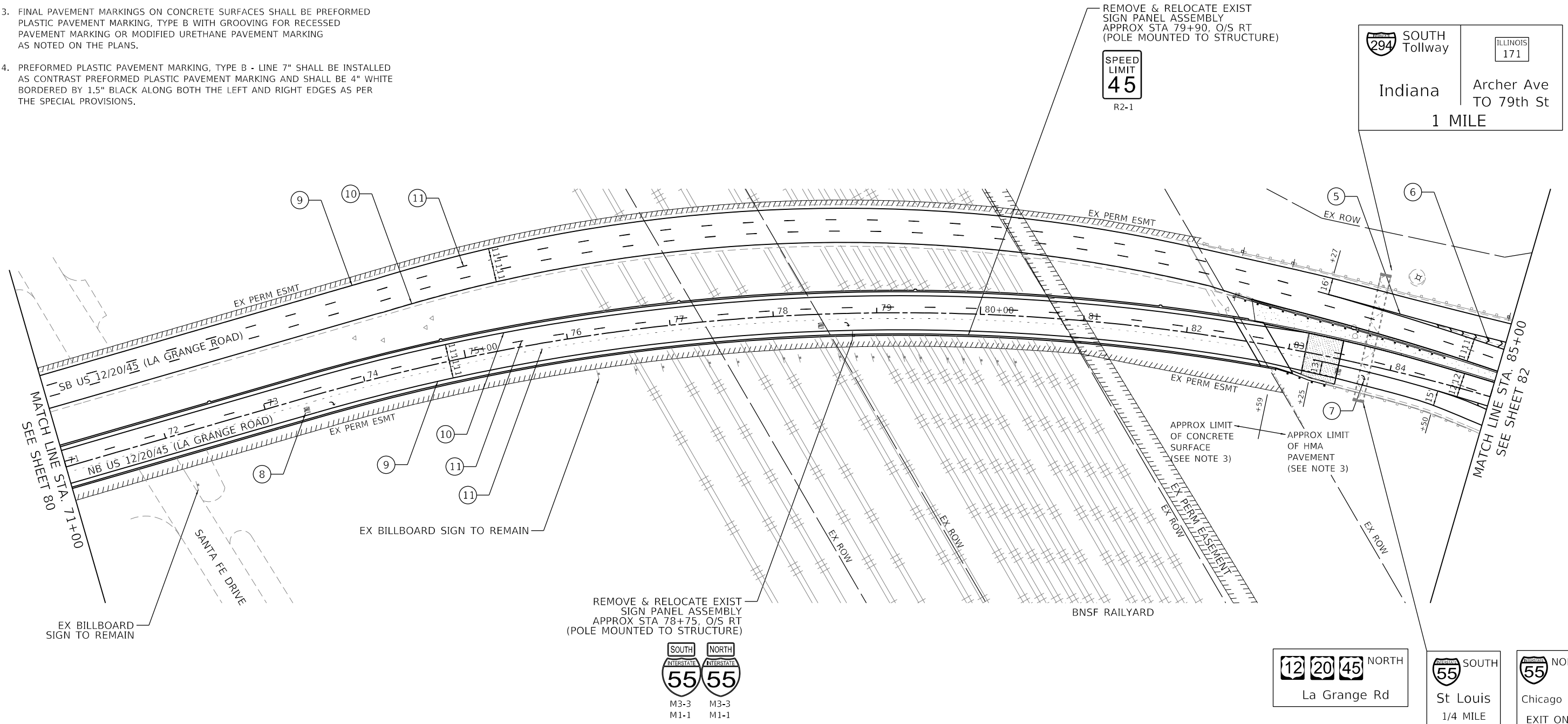
**US 12/20/45 (LA GRANGE ROAD)
PAVEMENT MARKING, SIGNING & LANDSCAPE PLAN**

SCALE: 1" = 50' SHEET 4 OF 7 SHEETS STA. 57+00 TO STA. 71+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	2018-133-BR	COOK	308	80
CONTRACT NO. 62H49				
ILLINOIS FED. AID PROJECT				

NOTES:

- FINAL PAVEMENT MARKINGS AND RAISED REFLECTIVE PAVEMENT MARKERS SHALL BE PLACED IN ACCORDANCE WITH DISTRICT ONE DETAILS TC-11 AND TC-13.
- DISTURBED MEDIAN AREAS SHALL BE RESTORED AS NOTED ON THE PLANS. LIMITS OF PLACEMENT SHALL BE COORDINATED WITH THE ENGINEER. LANDSCAPED RESTORATION AREA PAID FOR AS: TOPSOIL FURNISH AND PLACE, 6" AND SEEDING, CLASS 2A.
- FINAL PAVEMENT MARKINGS ON CONCRETE SURFACES SHALL BE PREFORMED PLASTIC PAVEMENT MARKING, TYPE B WITH GROOVING FOR RECESSED PAVEMENT MARKING OR MODIFIED URETHANE PAVEMENT MARKING AS NOTED ON THE PLANS.
- PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - LINE 7" SHALL BE INSTALLED AS CONTRAST PREFORMED PLASTIC PAVEMENT MARKING AND SHALL BE 4" WHITE BORDERED BY 1.5" BLACK ALONG BOTH THE LEFT AND RIGHT EDGES AS PER THE SPECIAL PROVISIONS.



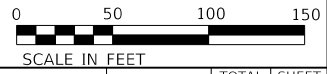
SOUTH Tollway
 ILLINOIS 171
 Indiana Archer Ave TO 79th St
 1 MILE

12 20 45 NORTH
 La Grange Rd
 SOUTH 55
 St Louis 1/4 MILE
 NORTH 55
 Chicago EXIT ONLY

LEGEND

- | | | |
|---------------------------------------------------------------------------------|----------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------|
| ① THERMOPLASTIC PAVEMENT MARKING - LINE 4" SOLID WHITE | ⑤ THERMOPLASTIC PAVEMENT MARKING - LINE 8" SOLID WHITE | ⑨ MODIFIED URETHANE PAVEMENT MARKING - LINE 4" SOLID WHITE (OUTSIDE EDGELINE) |
| ② THERMOPLASTIC PAVEMENT MARKING - LINE 4" SOLID YELLOW | ⑥ THERMOPLASTIC PAVEMENT MARKING - LINE 12" SOLID WHITE | ⑩ MODIFIED URETHANE PAVEMENT MARKING - LINE 4" SOLID YELLOW (INSIDE EDGELINE) |
| ③ THERMOPLASTIC PAVEMENT MARKING - LINE 4" SKIP-DASH (10' DASH, 30' SKIP) WHITE | ⑦ THERMOPLASTIC PAVEMENT MARKING - LETTERS & SYMBOLS | ⑪ PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - LINE 7" AND GROOVING FOR RECESSED PAVEMENT MARKING 8" (SEE NOTE 4) |
| ④ THERMOPLASTIC PAVEMENT MARKING - LINE 6" DOTTED (2' DASH, 6' SKIP) WHITE | ⑧ MODIFIED URETHANE PAVEMENT MARKING - LETTERS & SYMBOLS | |

- LANDSCAPED RESTORATION AREA (SEE NOTE 2)
- PERMANENT SEEDING, CLASS 4A OR INTERSEEDING, CLASS 4 (AS NOTED)



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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

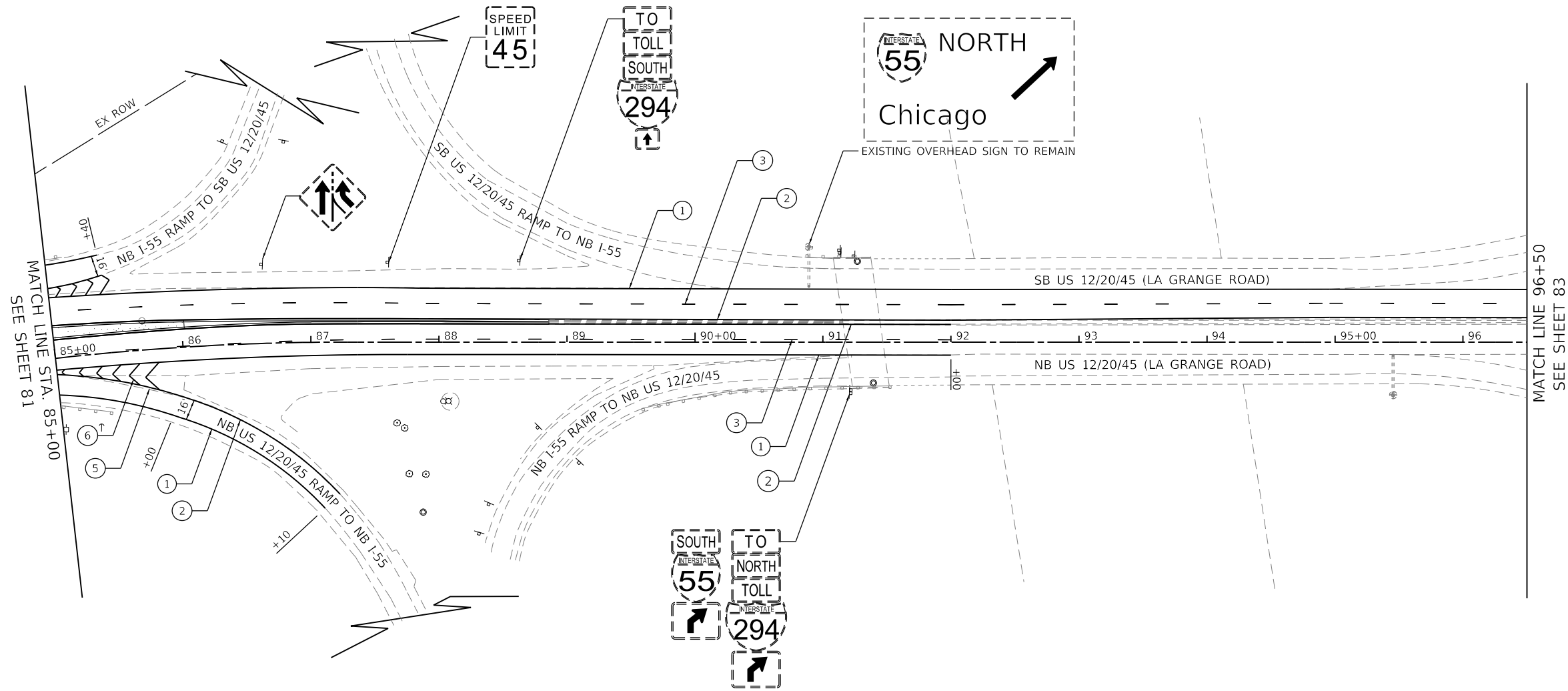
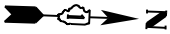
US 12/20/45 (LA GRANGE ROAD)
PAVEMENT MARKING, SIGNING & LANDSCAPE PLAN

SCALE: 1" = 50' SHEET 5 OF 7 SHEETS STA. 71+00 TO STA. 85+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	2018-133-BR	COOK	308	81
CONTRACT NO. 62H49				
ILLINOIS FED. AID PROJECT				

NOTES:

1. FINAL PAVEMENT MARKINGS AND RAISED REFLECTIVE PAVEMENT MARKERS SHALL BE PLACED IN ACCORDANCE WITH DISTRICT ONE DETAILS TC-11 AND TC-13.
2. DISTURBED MEDIAN AREAS SHALL BE RESTORED AS NOTED ON THE PLANS. LIMITS OF PLACEMENT SHALL BE COORDINATED WITH THE ENGINEER. LANDSCAPED RESTORATION AREA PAID FOR AS: TOPSOIL FURNISH AND PLACE, 6" AND SEEDING, CLASS 2A.
3. FINAL PAVEMENT MARKINGS ON CONCRETE SURFACEES SHALL BE PREFORMED PLASTIC PAVEMENT MARKING, TYPE B WITH GROOVING FOR RECESSED PAVEMENT MARKING OR MODIFIED URETHANE PAVEMENT MARKING AS NOTED ON THE PLANS.
4. PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - LINE 7" SHALL BE INSTALLED AS CONTRAST PREFORMED PLASTIC PAVEMENT MARKING AND SHALL BE 4" WHITE BORDERED BY 1.5" BLACK ALONG BOTH THE LEFT AND RIGHT EDGES AS PER THE SPECIAL PROVISIONS.



LEGEND

- | | | |
|---------------------------------------------------------------------------------|----------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------|
| ① THERMOPLASTIC PAVEMENT MARKING - LINE 4" SOLID WHITE | ⑤ THERMOPLASTIC PAVEMENT MARKING - LINE 8" SOLID WHITE | ⑨ MODIFIED URETHANE PAVEMENT MARKING - LINE 4" SOLID WHITE (OUTSIDE EDGELINE) |
| ② THERMOPLASTIC PAVEMENT MARKING - LINE 4" SOLID YELLOW | ⑥ THERMOPLASTIC PAVEMENT MARKING - LINE 12" SOLID WHITE | ⑩ MODIFIED URETHANE PAVEMENT MARKING - LINE 4" SOLID YELLOW (INSIDE EDGELINE) |
| ③ THERMOPLASTIC PAVEMENT MARKING - LINE 4" SKIP-DASH (10' DASH, 30' SKIP) WHITE | ⑦ THERMOPLASTIC PAVEMENT MARKING - LETTERS & SYMBOLS | ⑪ PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - LINE 7" AND GROOVING FOR RECESSED PAVEMENT MARKING 8" (SEE NOTE 4) |
| ④ THERMOPLASTIC PAVEMENT MARKING - LINE 6" DOTTED (2' DASH, 6' SKIP) WHITE | ⑧ MODIFIED URETHANE PAVEMENT MARKING - LETTERS & SYMBOLS | |

- LANDSCAPED RESTORATION AREA (SEE NOTE 2)
- PERMANENT SEEDING, CLASS 4A OR INTERSEEDING, CLASS 4 (AS NOTED)



EXISTING SIGNS TO REMAIN SHOWN AS DASHED. ALL EXISTING SIGNS TO REMAIN IN PLACE UNLESS OTHERWISE DIRECTED ON THE SIGNING PLANS, IN THE MAINTENANCE OF TRAFFIC PLANS OR AS DIRECTED BY THE ENGINEER.



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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**US 12/20/45 (LA GRANGE ROAD)
PAVEMENT MARKING, SIGNING & LANDSCAPE PLAN**

SCALE: 1" = 50' SHEET 6 OF 7 SHEETS STA. 85+00 TO STA. 96+50

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	2018-133-BR	COOK	308	82
CONTRACT NO. 62H49				
ILLINOIS FED. AID PROJECT				

GENERAL NOTES:

- ELECTRICAL WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE LATEST CODES, STANDARDS, AND THE IDOT STANDARD SPECIFICATION FOR ROAD AND BRIDGE CONSTRUCTION AND SUPPLEMENT SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS LATEST EDITION.
- THE CONTRACTOR MUST VERIFY ALL OF THE INFORMATION SHOWN ON THE CONTRACT PLANS WHICH COULD AFFECT HIS WORK UNDER THIS CONTRACT FOR OPERATION OF THE EXISTING ROADWAY LIGHTING SYSTEM.
- NO MATERIAL OR EQUIPMENT SHALL BE DELIVERED TO THE JOB SITE WITHOUT PRIOR INSPECTION AND APPROVAL BY THE ENGINEER. ANY MATERIAL AND EQUIPMENT NOT APPROVED BY THE ENGINEER MUST BE REMOVED FROM JOB SITE AT THE CONTRACTOR'S EXPENSE.
- ALL UNDERGROUND UNIT DUCT SHALL BE 30 INCHES MINIMUM BELOW GRADE PER IDOT SECTION 810. UNIT DUCT MUST BE POSITIONED IN THE FIELD TO AVOID CONFLICT WITH UNDERDRAINS, AND UNDERGROUND UTILITIES.
- ALL SPLICING MUST BE IN POLE BASES WITH WATERPROOF SEALANT AND HEAT SHRINKABLE PLASTIC CAPS, UNLESS NOTED OTHERWISE.
- NO LIGHTING CIRCUIT OR PORTION THEREOF SHALL BE REMOVED FROM NIGHT TIME OPERATION OF EXISTING LIGHTING WITHOUT THE APPROVAL OF THE ENGINEER. ALL EXISTING LIGHTING SHALL OPERATE FROM DUSK TO DAWN DAILY FOR DURATION OF THE PROJECT TO MAINTAIN ILLUMINATION OF TRAVELED ROADWAYS.
- EXISTING LIGHTING SHALL REMAIN OPERATIONAL UNTIL THE PROPOSED LIGHT POLES ARE INSTALLED AND OPERATIONAL.
- SWITCHOVER OF CABLE CONNECTIONS TO PROPOSED LIGHT POLES FROM EXISTING POLES SHALL TAKE PLACE DURING DAY TIME.
- LIGHT POLE IDENTIFICATION LABEL SHALL BE PROVIDED AS PER ARTICLE 1069.06 TO THE PROPOSED LIGHT POLE.
- THE CONTRACTOR IS ADVISED THAT IN THE EVENT OF SNOW, HE SHALL BE RESPONSIBLE FOR THE IMMEDIATE REMOVAL OF ANY MAINTENANCE OF TRAFFIC PROTECTIVE DEVICE REQUIRED FOR THE TRAFFIC OPERATIONS THAT WOULD INTERFERE WITH SNOW REMOVAL OPERATION PERFORMED BY THE STATE IN ACCORDANCE WITH THE IDOT STANDARD SPECIFICATIONS.
- REMOVAL AND DISPOSAL OF SURPLUS, UNSTABLE, UNSUITABLE, AND ORGANIC MATERIALS SHALL BE PERFORMED IN ACCORDANCE WITH SECTION 202 OF THE STANDARD SPECIFICATIONS.

REMOVAL NOTES:

- LOCATIONS OF EXISTING LIGHT POLE SHOWN ON PLAN DRAWINGS ARE APPROXIMATE AND MUST BE VERIFIED IN THE FIELD BY THE CONTRACTOR.
- PRIOR TO SUBMITTING A BID, THE CONTRACTOR SHALL REVIEW THE CONTRACT DRAWINGS AND ASCERTAIN EXISTING SITE CONDITIONS TO VERIFY THE EXTENT OF DEMOLITION. FAILURE TO DO SO SHALL NOT RELIEVE THE CONTRACTOR FROM RESPONSIBILITY FOR PERFORMING ALL REMOVAL REQUIRED IN THIS CONTRACT.
- COMMENCEMENT OF WORK SHALL BE CONSTRUED AS EVIDENCE THAT A CAREFUL EXAMINATION OF THE PORTIONS OF EXISTING FOUNDATIONS AND UNIT DUCT FOR THIS WORK AND ACCESS TO WORK SPACES, HAS BEEN MADE AND THAT THE CONTRACTOR IS FAMILIAR WITH EXISTING CONDITIONS AND DIFFICULTIES THAT WILL AFFECT THE EXECUTION OF THE WORK. LATER CLAIMS SHALL NOT BE MADE FOR ADDITIONAL LABOR, EQUIPMENT OR MATERIALS REQUIRED BECAUSE OF DIFFICULTIES ENCOUNTERED WHICH COULD HAVE BEEN FORSEEN DURING SUCH AN EXAMINATION.
- ALL SALVAGED EXISTING EQUIPMENT INCLUDING, LIGHT POLES, LUMINAIRES, MAST ARMS SHALL BE RETURNED TO STATE STOCK. THE CONTRACTOR SHALL CALL EMC AT (708) 524-2145 FOR MORE DETAILS AND DELIVERY PLACE.
- LOCATIONS SELECTED FOR COLLECTION OF DEBRIS AND/OR STORAGE OF EQUIPMENT SHALL BE AS APPROVED BY THE ENGINEER.
- ALL EXISTING LIGHT POLES TO BE REMOVED AND NO SALVAGE SHALL BE SCRAPPED AND DISPOSED OF IN A LEGAL MANNER.

TEMPORARY LIGHTING NOTES:

- REFER TO TRAFFIC CONTROL PLANS, FOR STAGING. TEMPORARY LIGHTING IS REQUIRED WHEN THE TEMPORARY CROSSOVER IS OPERATIONAL. SEE TEMPORARY PLANS FOR FURTHER DETAIL.
- TEMPORARY LIGHTING HAS BEEN PROVIDED WITH EXISTING LIGHTING UNIT LOCATED NEAR THE CROSSOVER.
- TEMPORARY LIGHTING UNIT SHALL BE OPERATIONAL FOR MAINTENANCE OF TRAFFIC.







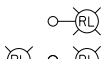
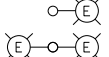




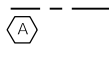
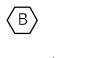

CONTACT NOTES:

- CALL JULIE OR DIGGER FOR CABLE LOCATES, CALL IDOT EMC AT (708) 524-2145 FOR IDOT MAINTAINED CABLE LOCATES.

ABBREVIATIONS:

E	EXISTING TO REMAIN
E.O.P.	EDGE OF PAVEMENT
EMC	ELECTRICAL MAINTENANCE CONTRACT
FT	FEET OR FOOT
GND	GROUND
JB	JUNCTION BOX
MA	MAST ARM
NO.	NUMBER
N.T.S.	NOT TO SCALE
P	PROPOSED
PVC	POLYVINYL CHLORIDE
RGS	RIGID GALVANISED STEEL
R	REMOVE
STA.	STATION
U.N.O.	UNLESS NOTED OTHERWISE
HPS	HIGH PRESSURE SODIUM

SYMBOL LEGEND:

	EXISTING UNIT DUCT, SIZE AS PER PLANS
	AERIAL CABLE, 3-1/C NO.2 WITH MESSENGER WIRE
	TEMPORARY WOOD POLE, 60 FEET, CLASS 4
	UNDERGROUND CONDUIT, GALVANIZED STEEL, 4" DIA.
	EXISTING LIGHTING CONTROLLER TO REMAIN
	PROPOSED LIGHT POLE, ALUMINUM, 47.5 FT. M.H., 12 FT. MAST ARM BRIDGE PARAPIT MOUNTED, 15 INCH BOLT CIRCLE LUMINAIRE, LED, ROADWAY, OUTPUT DESIGNATION H, 4000 KELVIN, 240V LUMINAIRE SAFETY CABLE ASSEMBLY
	REPLACE EXISTING HPS LUMINAIRES TO LED LUMINAIRES LUMINAIRE, LED, ROADWAY, OUTPUT DESIGNATION H, 4000 KELVIN, 240V INSTALL LUMINAIRE SAFETY CABLE EXISTING HPS LUMINAIRES SALVAGE TO IDOT
	EXISTING LIGHT POLE TO REMAIN
	EXISTING JUNCTION BOX TO REMAIN
	EXISTING JUNCTION BOX TO BE REMOVED
	PROPOSED JUNCTION BOX (JUNCTION BOX, STAINLESS STEEL, ATTACHED TO STRUCTURE, 12" X 10" X 6")
	EXISTING LIGHTED SIGN
	PROPOSED UNIT DUCT, UNIT DUCT, 600V, 3-1/C NO.4, 1/C NO.6 GROUND, (XLP-TYPE USE), 1 1/4" DIA. POLYETHYLENE
	PROPOSED ELECTRIC CABLE IN CONDUIT, 3-1/C NO.4, 1/C NO.6 GROUND, 600V (XLP-TYPE USE)
	EXISTING HIGH MAST TOWER

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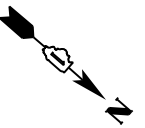
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

LIGHTING GENERAL NOTES AND LEGEND

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

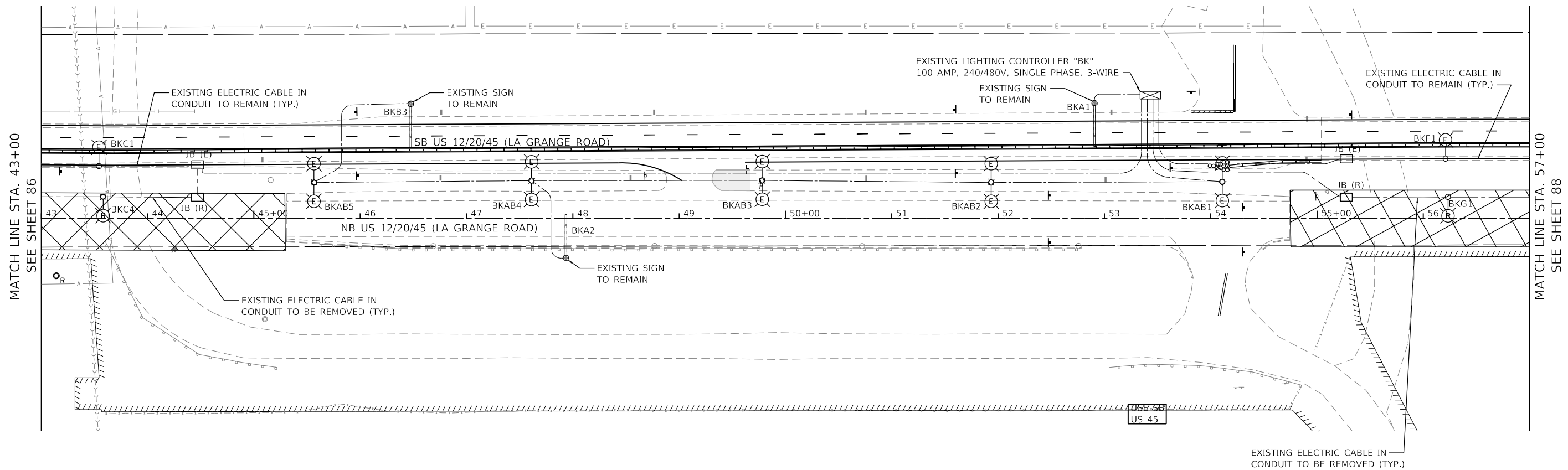
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	2018-133-BR	COOK	308	84
CONTRACT NO. 62H49				
ILLINOIS		FED. AID PROJECT		



NOTES:

- FOR GENERAL NOTES, REMOVAL NOTES AND SYMBOLS LEGEND, SEE SHEET E-101.
- EXISTING NAVIGATION LIGHTING SYSTEM MUST REMAIN IN SERVICE AT ALL TIMES, UNTIL THE TEMPORARY SYSTEM IS APPROVED AND OPERATIONAL.
- FOR NAVIGATION OBSTRUCTION WARNING LIGHT SYSTEM, CONTRACTOR SHALL REMOVE EXISTING JUNCTION BOX, CONDUIT, AND CABLE ASSOCIATED WITH REMOVAL OF NAVIGATION LIGHTS.

DESCRIPTION	UNIT	QTY
REMOVAL OF LIGHTING UNIT, SALVAGE	EACH	2
REMOVE ELECTRIC CABLE FROM CONDUIT	FOOT	400
REMOVE NAVIGATION LIGHT	EACH	1



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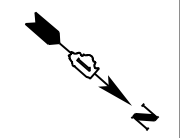
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**US 12/20/45 (LA GRANGE ROAD)
REMOVAL & TEMPORARY LIGHTING PLAN**

SCALE: 1" = 50' SHEET 3 OF 6 SHEETS STA. 43+00 TO STA. 57+00

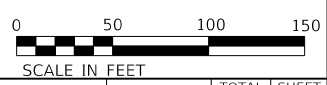
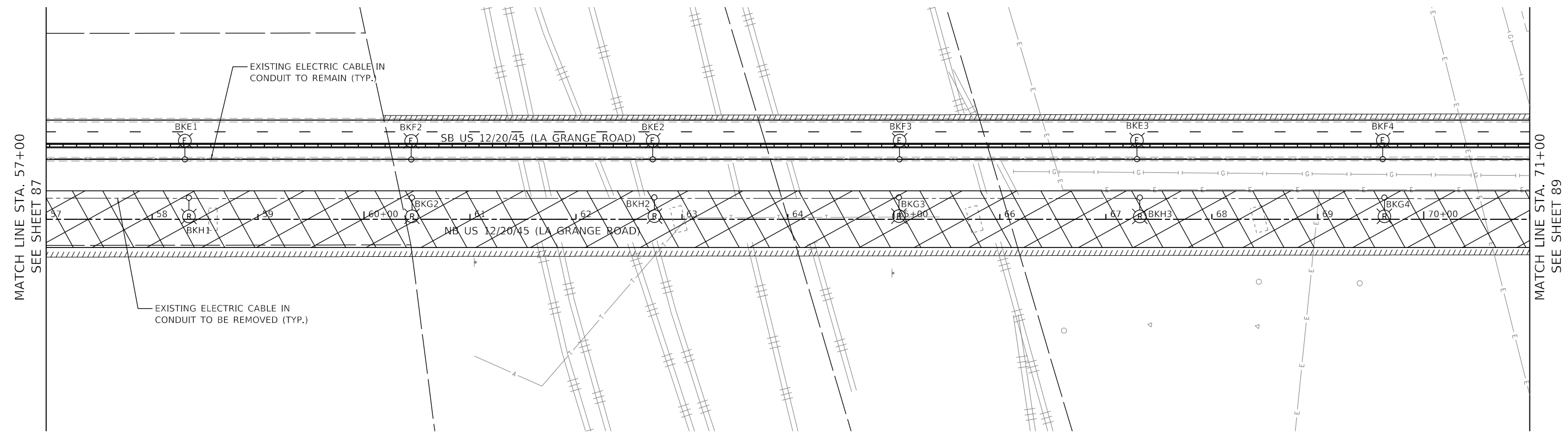
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330	2018-133-BR	COOK	308	87
CONTRACT NO. 62H49				
ILLINOIS FED. AID PROJECT				



NOTES:

- FOR GENERAL NOTES, REMOVAL NOTES AND SYMBOLS LEGEND, SEE SHEET E-101.

DESCRIPTION	UNIT	QTY
REMOVAL OF LIGHTING UNIT, SALVAGE	EACH	6
REMOVE ELECTRIC CABLE FROM CONDUIT	FOOT	1400



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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

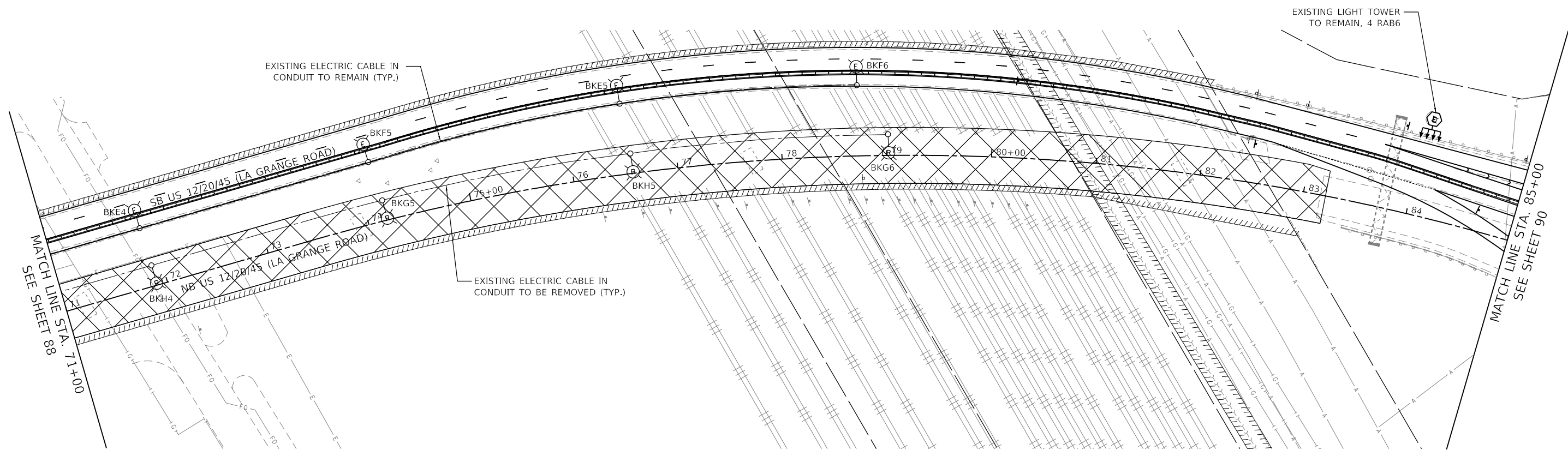
US 12/20/45 (LA GRANGE ROAD)
REMOVAL & TEMPORARY LIGHTING PLAN

SCALE: 1" = 50' SHEET 4 OF 6 SHEETS STA. 57+00 TO STA. 71+00

F.A.P. RTE. 330	SECTION 2018-133-BR	COUNTY COOK	TOTAL SHEETS 308	SHEET NO. 88
ILLINOIS FED. AID PROJECT			CONTRACT NO. 62H49	



DESCRIPTION	UNIT	QTY
REMOVAL OF LIGHTING UNIT, SALVAGE	EACH	4
REMOVE ELECTRIC CABLE FROM CONDUIT	FOOT	900



NOTES:

- FOR GENERAL NOTES, REMOVAL NOTES AND SYMBOLS LEGEND, SEE SHEET E-101.



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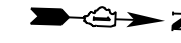
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

US 12/20/45 (LA GRANGE ROAD)
REMOVAL & TEMPORARY LIGHTING PLAN

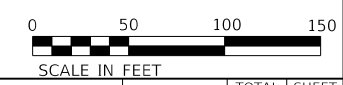
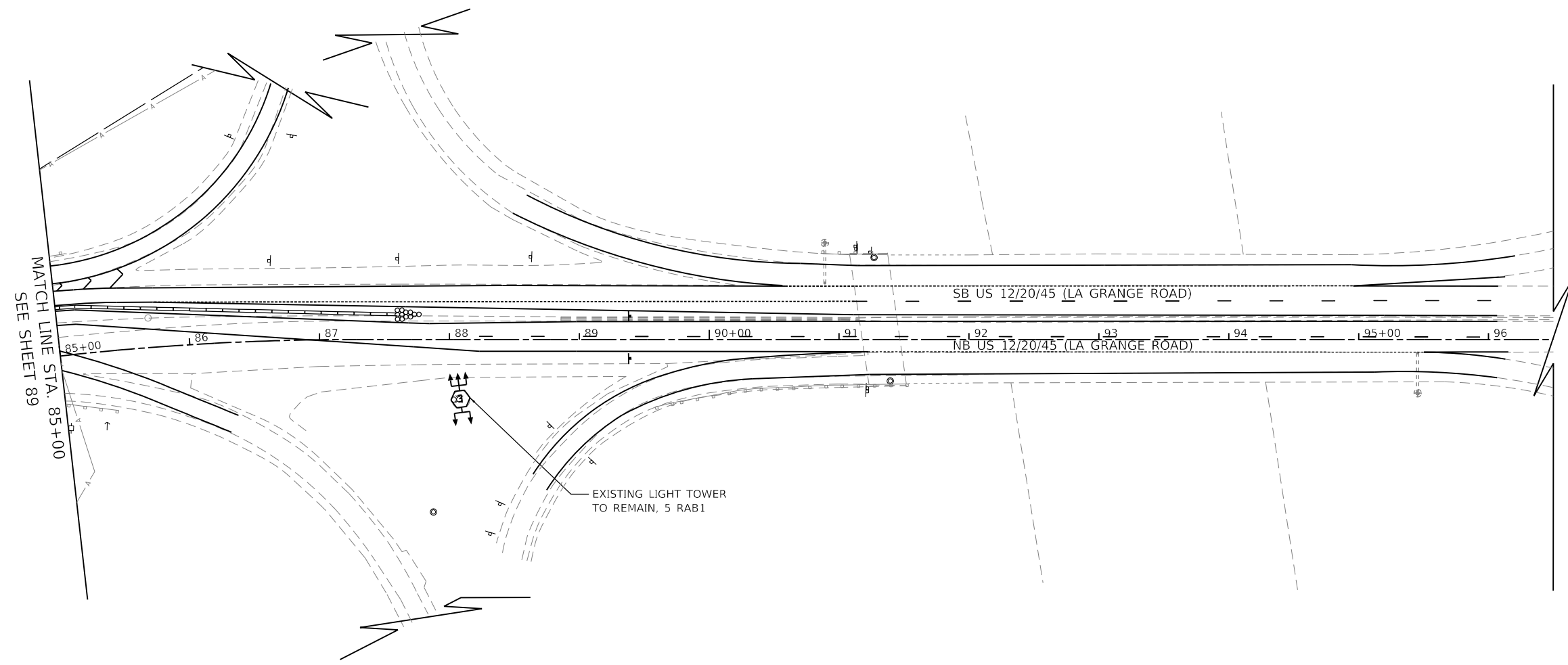
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	2018-133-BR	COOK	308	89
CONTRACT NO. 62H49				
ILLINOIS FED. AID PROJECT				



NOTES:

- 1. FOR GENERAL NOTES, REMOVAL NOTES AND SYMBOLS LEGEND, SEE SHEET E-101.



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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

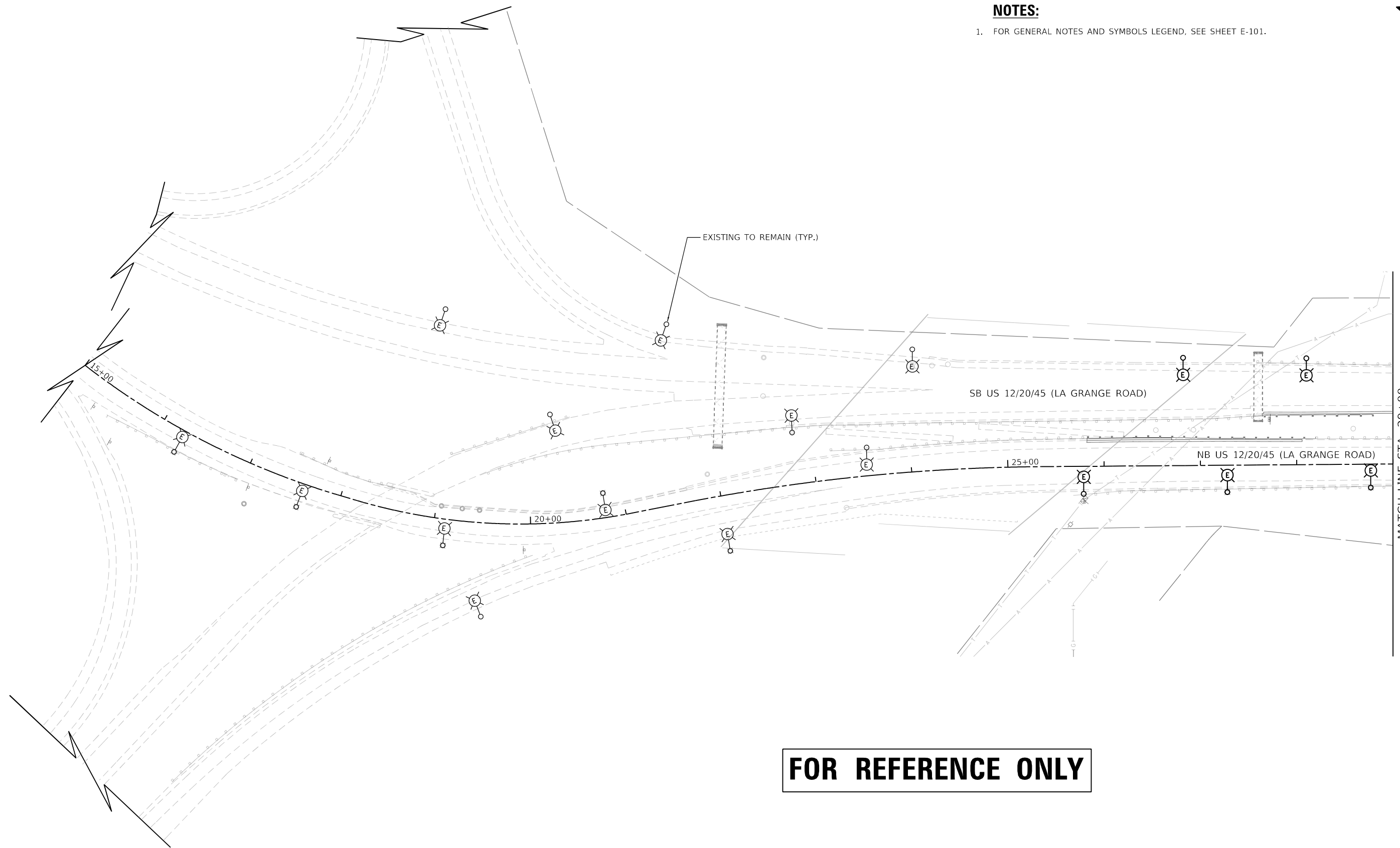
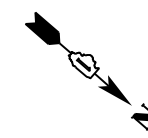
US 12/20/45 (LA GRANGE ROAD)
REMOVAL & TEMPORARY LIGHTING PLAN

SCALE: 1" = 50' SHEET 6 OF 6 SHEETS STA. 85+00 TO STA. 96+92

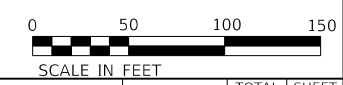
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330	2018-133-BR	COOK	308	90
CONTRACT NO. 62H49				
ILLINOIS FED. AID PROJECT				

NOTES:

1. FOR GENERAL NOTES AND SYMBOLS LEGEND, SEE SHEET E-101.



FOR REFERENCE ONLY



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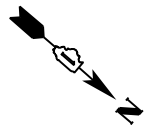
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**US 12/20/45 (LA GRANGE ROAD)
PROPOSED LIGHTING PLAN**

SCALE: 1" = 50' SHEET 1 OF 6 SHEETS STA. 15+00 TO STA. 29+00

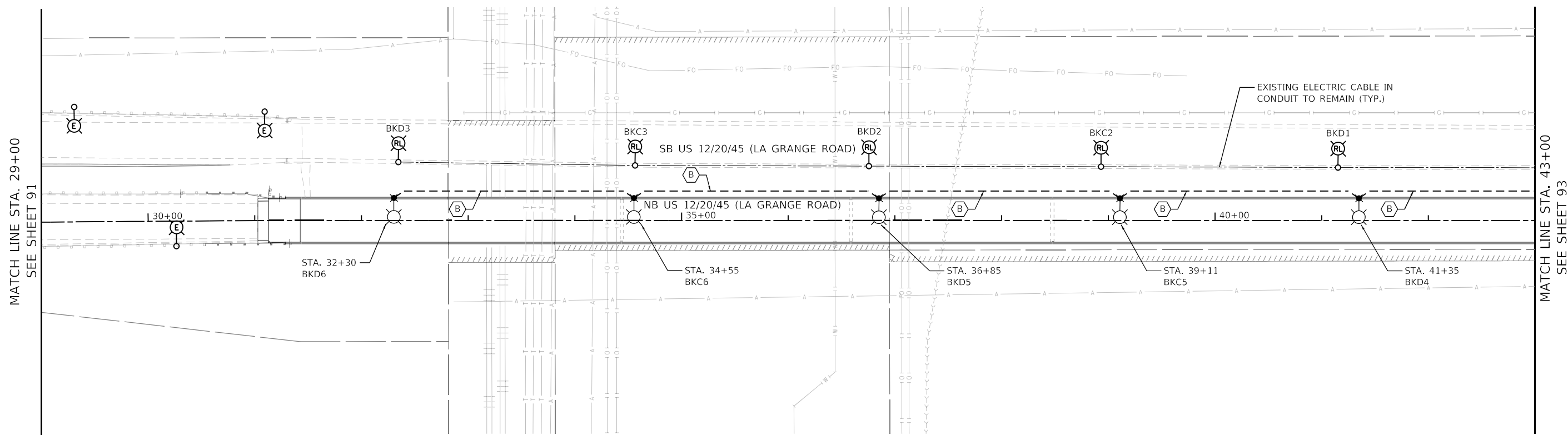
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	2018-133-BR	COOK	308	91
CONTRACT NO. 62H49				
ILLINOIS FED. AID PROJECT				



DESCRIPTION	UNIT	QTY
LUMINAIRE, LED, ROADWAY, OUTPUT DESIGNATION H	EACH	10
REMOVAL OF LUMINAIRE, SALVAGE	FOOT	5
LUMINAIRE SAFETY CABLE ASSEMBLY	EACH	10
LIGHT POLE, ALUMINUM, 47.5 FT. M.H., 12 FT. MAST ARM	EACH	5
ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 6	FOOT	1100
ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 4	FOOT	3300
CONDUIT EMBEDDED IN STRUCTURE, 2" DIA., PVC	FOOT	1080

NOTES:

- FOR GENERAL NOTES AND SYMBOLS LEGEND, SEE SHEET E-101.
- SEE IDOT DISTRICT 1 DETAILS BE-330 AND BE-400 FOR LIGHT POLE AND FOUNDATION DETAILS.



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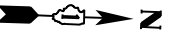
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

US 12/20/45 (LA GRANGE ROAD)
PROPOSED LIGHTING PLAN

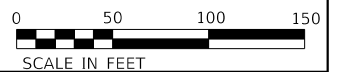
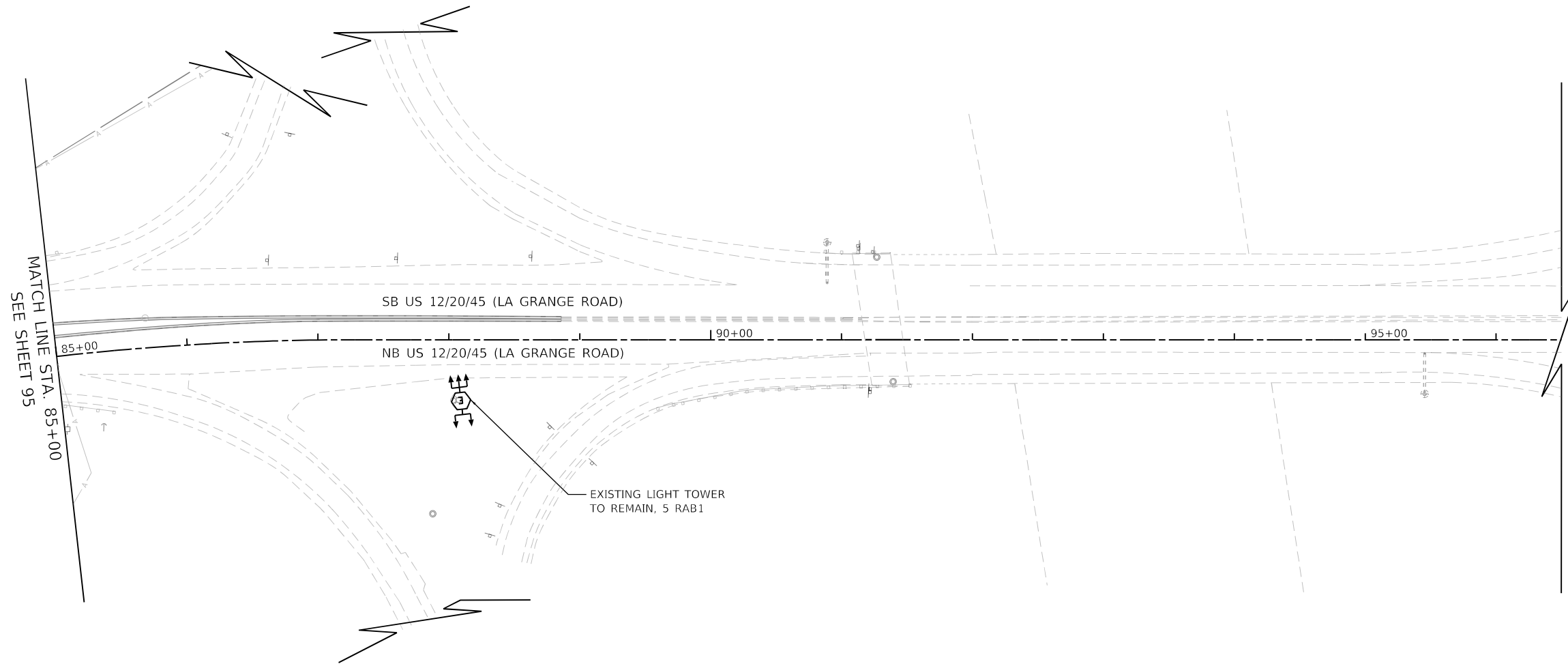
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	2018-133-BR	COOK	308	92
CONTRACT NO. 62H49			ILLINOIS FED. AID PROJECT	



NOTES:

1. FOR GENERAL NOTES AND SYMBOLS LEGEND, SEE SHEET E-101.



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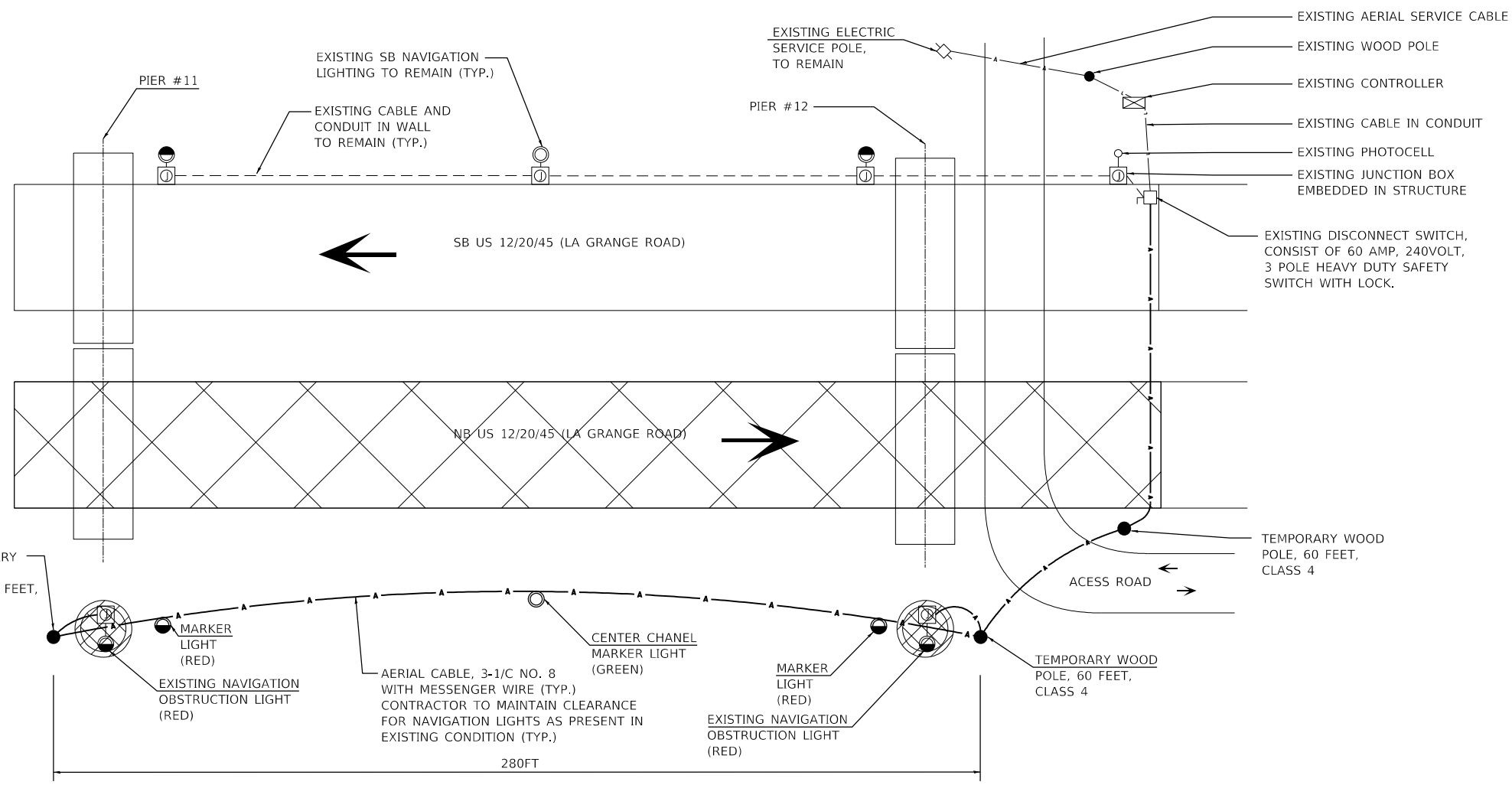
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

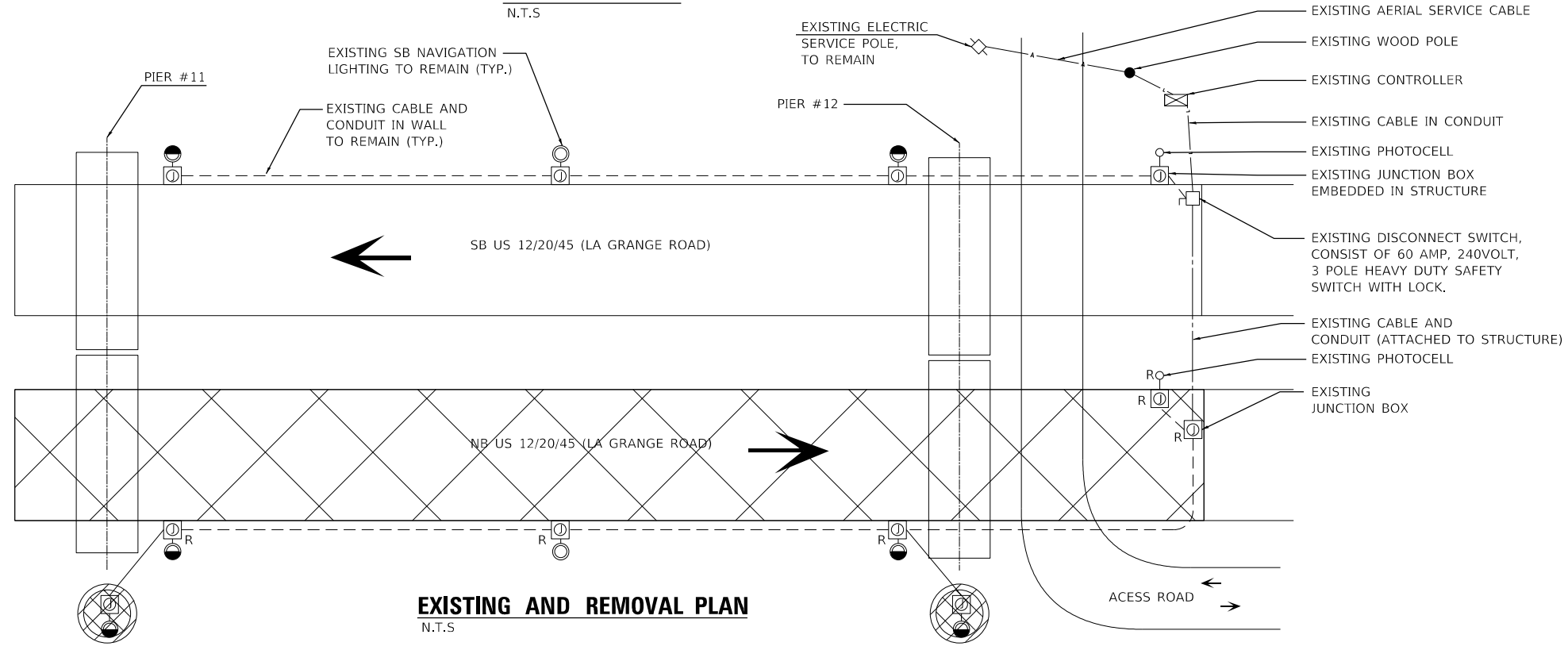
US 12/20/45 (LA GRANGE ROAD)
PROPOSED LIGHTING PLAN

SCALE: 1" = 50' SHEET 6 OF 6 SHEETS STA. 85+00 TO STA. 96+92

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	2018-133-BR	COOK	308	96
CONTRACT NO. 62H49				
ILLINOIS FED. AID PROJECT				



TEMPORAY PLAN
N.T.S



EXISTING AND REMOVAL PLAN
N.T.S

SUMMARY OF QUANTITY

DESCRIPTION	UNIT	QTY
AERIAL CABLE, 3-1/C NO. 8 WITH MESSENGER WIRE	FOOT	500
WATERWAY OBSTRUCTION WARNING LUMINAIRE, LED	EACH	3
REMOVAL OF OBSTRUCTION WARNING LIGHTING SYSTEM	L SUM	1
TEMPORARY WOOD POLE, 60 FT., CLASS 4	EACH	3

LEGEND

- AERIAL CABLE, SELF SUPPORTING, 600V (XLP-TRPE UES) 3-1/C NO. 8.
- EXISTING JUNCTION BOX TO REMAIN
- WATERWAY OBSTRUCTION WARNING LUMINAIRE, LED CENTER CHANNEL, GREEN, 360°.
- WATERWAY OBSTRUCTION WARNING LUMINAIRE, LED CHANNEL MARGIN, RED 180°
- EXISTING POWER POLE / ELECTRIC UTILITY SERVICE CONNECTION
- TEMPORARY WOOD POLE, 60 FT., CLASS 4
- EXISTING NAVIGATION OBSTRUCTION LIGHTING CONTROLLER, 240V
- EXISTING AERIAL CABLE
- EXISTING ELECTRIC CABLE IN CONDUIT
- REMOVE

NOTES

1. SORT LENGTHS OF FLEXIBLE CONDUIT MAY BE UTILIZED TO TRAVERSE OBSTACLES IN THE CONDUIT PATH ON THE BRIDGE STRUCTURE.
2. THE CONTRACTOR SHALL KEEP DEVIATIONS FROM THE CONDUIT ROUTING SHOWN ON THE PLANS TO MINIMUM. MAJOR DEVIATIONS SHALL BE REPORTED TO AND APPROVED BY THE ENGINEER.
3. CONTRACTOR SHALL USE EXPANSION / DEFLECTION COUPLING AT THE EXPANSION JOINTS, FOR CONDUITS.
4. MAINTENANCE OF THE NAVIGATION LIGHTING SHALL BE INCLUDED IN THE MAINTENANCE OF LIGHTING SYSTEM PAY ITEM.
5. CONTRACTOR SHALL UTILIZE EXISTING NAVIGATIONAL LIGHTS LOCATED ON DOLPHIN FOR TEMPORARY LIGHTING.

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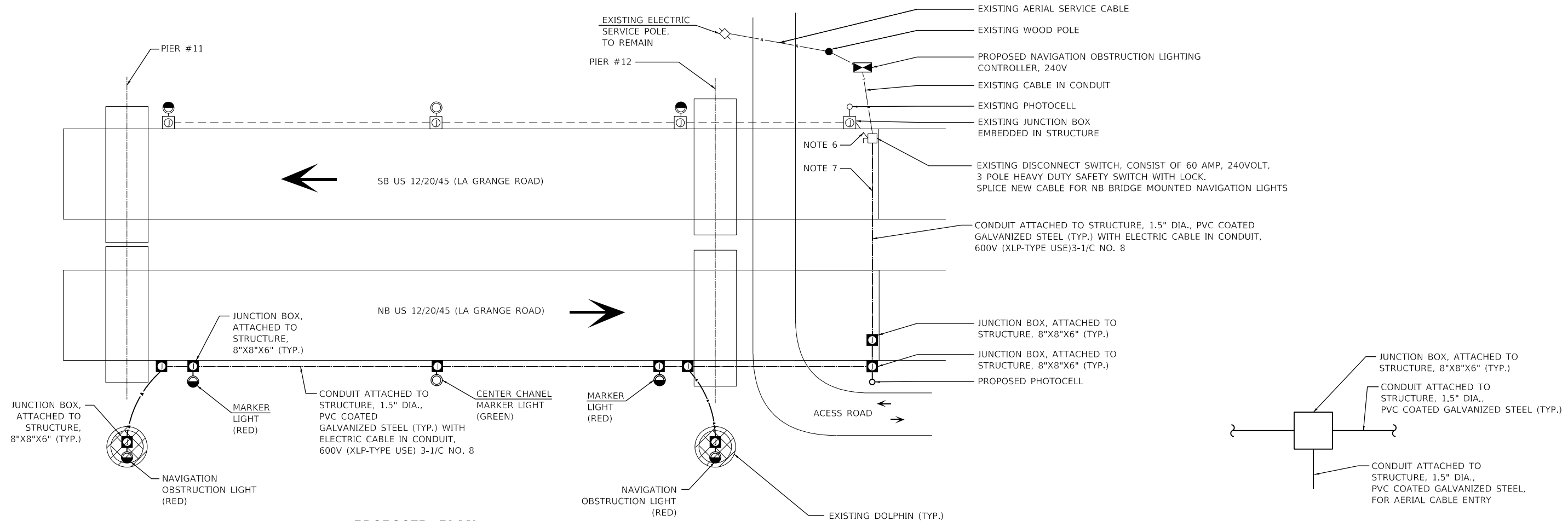


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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

US 12/20/45 (LA GRANGE ROAD) TEMPORARY NAVIGATION LIGHTING	
SCALE:	SHEET 1 OF 2 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	2018-133-BR	COOK	308	98
CONTRACT NO. 62H49				
ILLINOIS FED. AID PROJECT				



PROPOSED PLAN
N.T.S

AERIAL CABLE CONNECTION TO JUNCTION BOX
N.T.S

LEGEND

- CONDUIT ATTACHED TO STRUCTURE, 1 1/2" DIA., PVC COATED GALVANIZED STEEL, WITH ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 2-1/C NO. 10, AND 1/C NO. 10 GROUND UNLESS NOTED OTHERWISE
- AERIAL CABLE, SELF SUPPORTING, 600V (XLP-TRPE UES) 3-1/C NO. 8.
- JUNCTION BOX, STAINLESS STEEL, ATTACHED TO STRUCTURE, 8" X 8" X 6".
- EXISTING JUNCTION BOX, ATTACHED TO STRUCTURE
- WATERWAY OBSTRUCTION WARNING LUMINAIRE, LED CENTER CHANNEL, GREEN, 360°.
- WATERWAY OBSTRUCTION WARNING LUMINAIRE, LED CHANNEL MARGIN, RED 180°
- EXISTING POWER POLE / ELECTRIC UTILITY SERVICE CONNECTION
- TEMPORARY WOOD POLE, 60 FT., CLASS 4
- PROPOSED NAVIGATION OBSTRUCTION LIGHTING CONTROLLER, 240V
- EXISTING AERIAL CABLE
- EXISTING ELECTRIC CABLE IN CONDUIT

NOTES

1. SEE DETAILS FOR CONUIT AND JUCTION BOX MOUNTING METHODS AND LOCATION.
2. SORT LENGTHS OF FLEXIBLE CONDUIT MAY BE UTILIZED TO TRAVERSE OBSTACLES IN THE CONDUIT PATH ON THE BRIDGE STRUCTURE.
3. THE CONTRACTOR SHALL KEEP DEVIATIONS FROM THE CONDUIT ROUTING SHOWN ON THE PLANS TO MINIMUM. MAJOR DEVIATIONS SHALL BE REPORTED TO AND APPROVED BY THE ENGINEER.
4. CONTRACTOR SHALL USE EXPANSION/DEFLECTION COUPLING AT THE EXPANSION JOINTS, 1.5" DIA, AT EACH BRIDGE JOINT, FOR CONDUITS.
5. MAINTENANCE OF THE NAVIGATION LIGHTING SHALL BE INCLUDED IN THE MAINTENANCE OF LIGHTING SYSTEM PAY ITEM.
6. THREE NAVIGATIONAL LIGHTS LOCATED ON SOUTHBOUND BRIDGE CURRENTLY CONNECTED TO RED PHASE FROM CONTROLLER.
7. FIVE NAVIGATIONAL LIGHTS LOCATED ON NORTHBOUND BRIDGE SHALL BE CONNECTED TO BLACK PHASE FROM CONTOLLER.

SUMMARY OF QUANTITY

DESCRIPTION	UNIT	QTY
CONDUIT ATTACHED TO STRUCTURE, 1.5" DIA., PVC COATED GALVANIZED STEEL	FOOT	400
JUNCTION BOX, STAINLESS STEEL, ATTACHED TO STRUCTURE, 8" X 8" X 6"	EACH	9
ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 8	FOOT	1200
AERIAL CABLE, 3-1/C NO.8 WITH MESSENGER WIRE	FOOT	125
WATERWAY OBSTRUCTION WARNING LUMINAIRE, LED	EACH	5
OBSTRUCTION WARNING LIGHTING CONTROLLER	EACH	1
PHOTOCELL	EACH	1

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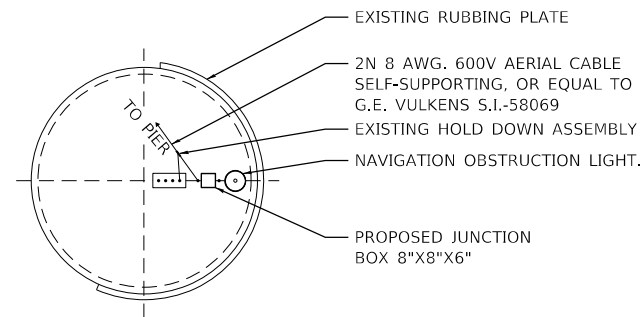


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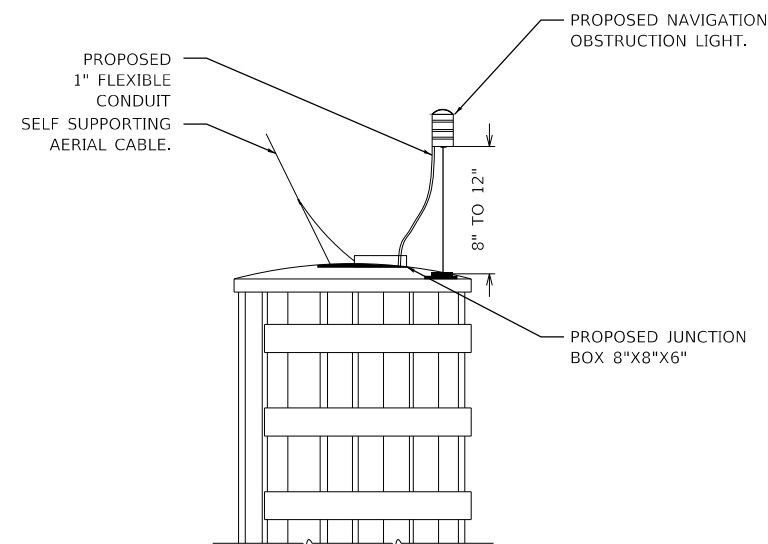
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

US 12/20/45 (LA GRANGE ROAD) PROPOSED NAVIGATION LIGHTING			
SCALE:	SHEET 2	OF 2 SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	2018-133-BR	COOK	308	99
CONTRACT NO. 62H49				
ILLINOIS FED. AID PROJECT				

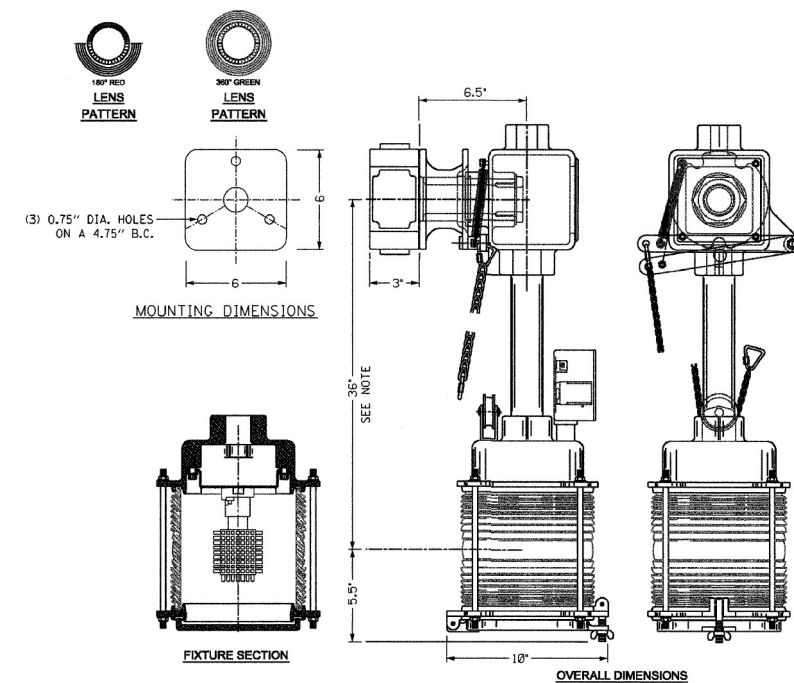


PLAN



OBSTRUCTION LIGHT MOUNTING

N.T.S



WATERWAY OBSTRUCTION WARNING LUMINAIRE, LED

NOTES:
 CONTRACTOR SHALL VERIFY ARM LENGTH IN FIELD.
 ENTIRE LENS SHALL BE LOCATED BELOW THE LOW STEEL POINT, ALLOWING THE NAVIGATION LIGHT TO BE VISIBLE FROM BOTH CHANNEL APPROACHES.

NEW LUMINAIRES MAY NOT EXTEND LOWER THAN THE EXISTING LUMINAIRES.

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	DATE - 10/21/2021	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**US 1220/45 (LA GRANGE ROAD)
 CHANNEL WIRING DIAGRAM AND DETAILS**

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	2018-133-BR	COOK	308	100
CONTRACT NO. 62H49				
ILLINOIS FED. AID PROJECT				