11-17-2023 LETTING ITEM 099

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6577	19-00115-00-BR	PEORIA	99	1
	ILLINOIS	CONTRACT NO. 89815		

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

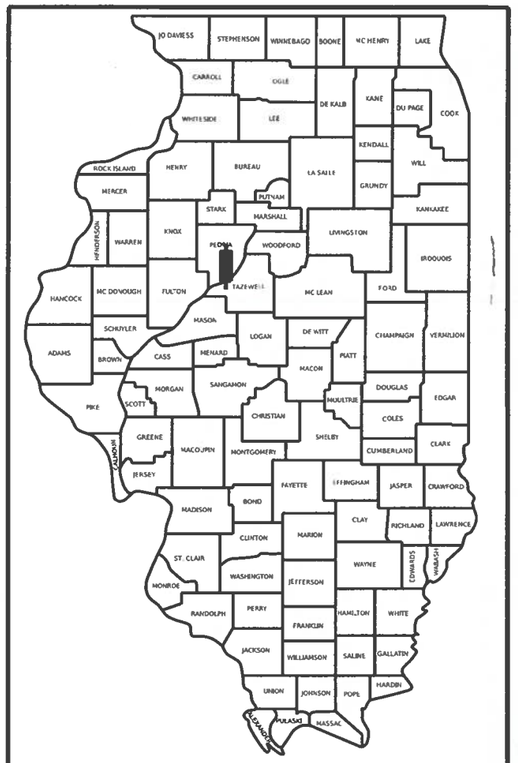
F.A.U. ROUTE 6577 (C.H. R46/MAXWELL ROAD)
SECTION 19–00115–00–BR
PROJECT VK03(277)
BRIDGE REHABILITATION
PEORIA COUNTY

C–94–005–22

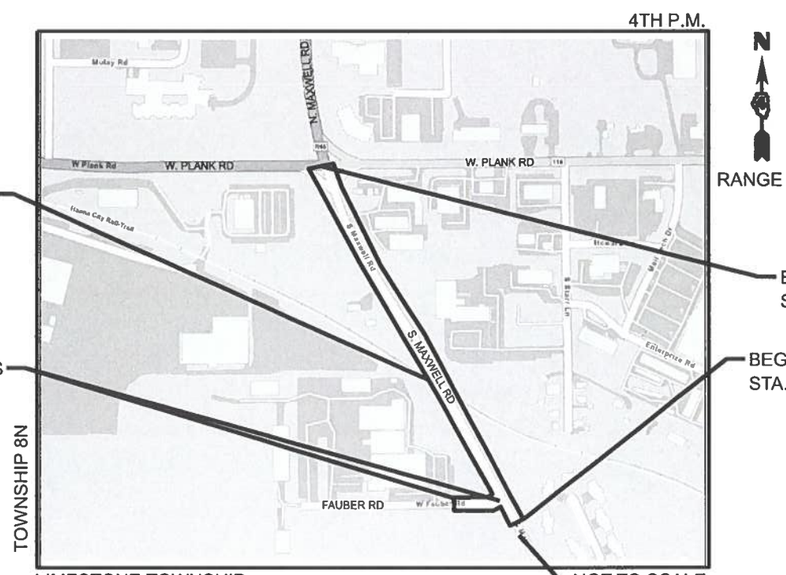
INDEX OF SHEETS

HIGHWAY STANDARD DETAIL PLANS

SEE GENERAL NOTES (SHEET 2) FOR FULL LIST OF STANDARDS.



LOCATION OF SECTION INDICATED THUS: –



LOCATION MAP

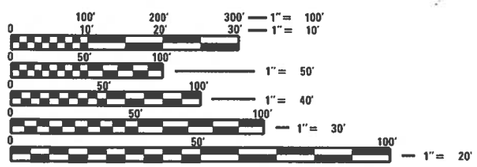
FAUBER ROAD GROSS/NET LENGTH : = 223 L.F. (0.04 MILES)

MAXWELL ROAD GROSS/NET LENGTH : = 1826 L.F. (0.35 MILES)

FUNCTIONAL CLASSIFICATION

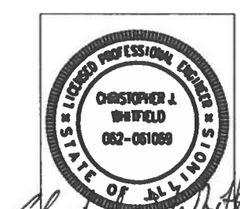
MAJOR COLLECTOR

2017 ADT = 3050 (MAXWELL ROAD)



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

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



DATE SIGNED : 8/18/2023

LIC. EXP. DATE : 11/30/23

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

APPROVED Aug. 16 2023

Amy Benecke McLaren
LOCAL AGENCY, PEORIA COUNTY ENGINEER

PASSED Sept. 12th 2023

DISTRICT 4 ENGINEER OF LOCAL ROADS AND STREETS

RELEASING FOR BID BASED ON LIMITED REVIEW September 13, 2023

REGION 3 ENGINEER

PEORIA COUNTY ENGINEER: AMY BENECKE MCLAREN, P.E.

CATALOG NO. 036276–00D

CONTRACT NO. 89815

CMT
License No. 184-000613

PRINTED BY THE AUTHORITY OF THE STATE OF ILLINOIS

GENERAL NOTES

1. ALL ELEVATIONS SHOWN ON THE PLANS ARE BASED ON THE NAVD88 DATUM. HORIZONTAL IS BASED ON NAD83 ILLINOIS STATE PLANE COORDINATE SYSTEM, WEST ZONE.
2. 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.
3. THE LOCATION OF DRAINAGE STRUCTURES, STORM SEWERS, WATER MAINS, SANITARY SEWERS, AND OTHER PUBLIC OR PRIVATE UTILITIES AS SHOWN ON THE PLANS IS APPROXIMATE AND THEIR EXACT LOCATION IS TO BE VERIFIED IN THE FIELD BY THE CONTRACTOR. THIS WORK SHALL BE PERFORMED AT NO ADDITIONAL COST TO THE CONTRACT.
4. THE CONTRACTOR SHALL NOTIFY ALL UTILITY COMPANIES OF THE CONSTRUCTION SCHEDULE PRIOR TO BEGINNING CONSTRUCTION. THE CONTRACTOR IS RESPONSIBLE FOR PROTECTING THESE FACILITIES FROM DAMAGE DURING CONSTRUCTION OF THE IMPROVEMENTS. THE CONTRACTOR IS RESPONSIBLE FOR COORDINATING WITH UTILITY COMPANIES TO CAUSE THE ADJUSTMENT, RELOCATION, OR REMOVAL OF EXISTING UTILITIES AS NECESSARY TO ALLOW CONSTRUCTION OF THE PROPOSED IMPROVEMENTS IDENTIFIED IN THESE PLANS.
5. IF THE CONTRACTOR CAUSES DEBRIS TO ENTER THE EXISTING SANITARY SEWERS OR STORM SEWERS TO REMAIN, THAT ENTIRE SECTION OF SEWER BETWEEN MANHOLES MUST AT ONCE BE THOROUGHLY CLEANED AT NO ADDITIONAL COST TO THE CONTRACT.
6. ALL AREAS DISTURBED DURING CONSTRUCTION OPERATIONS AND NOT PART OF THE WORK AS SHOWN HEREIN SHALL BE RESTORED TO ORIGINAL CONDITION TO THE SATISFACTION OF PEORIA COUNTY AT NO ADDITIONAL COMPENSATION TO TO THE CONTRACTOR. IT IS INCUMBENT UPON THE CONTRACTOR TO SHOW THAT DAMAGED AREAS WERE NOT DISTURBED BY CONSTRUCTION OPERATIONS.
7. EXISTING PAVEMENT THICKNESS AND ELEVATIONS SHOWN ARE APPROXIMATE BASED ON PAVEMENT CORES TAKEN AT THE PROJECT SITE. PAVEMENT CORE LOCATIONS ARE IDENTIFIED ON THE REMOVAL PLAN SHEETS CONTAINED HEREIN.
8. WHEN CONCRETE REMOVAL IS REQUIRED, IT MUST BE ACCOMPLISHED BY SAWCUT, SLEDGES, AND PNEUMATIC HAND TOOLS. EQUIPMENT AND METHODS USED MUST BE SUCH AS TO PREVENT CRACKING, SHATTERING, OR SPALLING OF CONCRETE THAT IS TO REMAIN.
9. ALL HMA PAVEMENT SURFACE COURSES, CONCRETE BASE COURSES, CONCRETE PAVEMENTS, CURBS, GUTTERS, AND SIDEWALKS WHICH ARE TO BE REMOVED MUST BE SAWCUT AT THE LIMITS OF REMOVAL TO AVOID DAMAGE TO ADJACENT PROPERTIES.
10. THE CONTRACTOR SHALL MAINTAIN SURFACE DRAINAGE OF THE ROAD THROUGHOUT THE CONSTRUCTION PROCESS.
11. THE CONTRACTOR MUST MAINTAIN ACCESS TO ALL COMMERCIAL AND RESIDENTIAL PROPERTIES IMPACTED BY THE CONSTRUCTION OF THESE IMPROVEMENTS AT ALL TIMES. THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR COORDINATING WITH EACH AFFECTED PROPERTY OWNER TO MAKE ARRANGEMENTS FOR ACCESS NEEDS TO THE PROPERTY.
12. THE CONTRACTOR SHALL MAINTAIN TWO-WAY TRAFFIC ON FAUBER ROAD THROUGHOUT THE DURATION OF CONSTRUCTION. MAXWELL ROAD SHALL BE CLOSED TO THROUGH TRAFFIC. SEE STAGES OF CONSTRUCTION FOR MAINTENANCE OF TRAFFIC ON IL ROUTE 116.
13. CONTRACTOR IS RESPONSIBLE FOR REMOVAL, STORAGE, AND RE-INSTALLATION OF ALL EXISTING SIGNAGE, AND OTHER ITEMS THAT ARE IMPACTED BY THIS CONTRACT AND ARE NOT SHOWN AS BEING REPLACED. THE CONTRACTOR IS RESPONSIBLE FOR REPLACING ANY OF THESE ITEMS THAT ARE DAMAGED AS A RESULT OF THIS CONTRACT AT NO ADDITIONAL COST. THE REMOVAL AND RE-INSTALLATION OF THESE ITEMS SHALL BE PERFORMED AT NO ADDITIONAL COST TO THE CONTRACT.
14. EXISTING TRAFFIC CONTROL SIGNS AND DEVICES THAT ARE IN CONFLICT WITH CONSTRUCTION TRAFFIC CONTROL SIGNS AND DEVICES SHALL BE REMOVED OR COVERED BY THE CONTRACTOR ONCE THE CONSTRUCTION TRAFFIC CONTROL SYSTEM IS IN PLACE. ANY SIGNS OR DEVICES LEFT IN PLACE ARE TO BE PROTECTED FROM DAMAGE DURING CONSTRUCTION. ANY DAMAGED SIGNS OR DEVICES SHALL BE REPAIRED OR REPLACED BY THE CONTRACTOR.
15. CARE MUST BE TAKEN FOR ANY EARTH EXCAVATION NEAR EXISTING TREES SO THAT DAMAGE TO THE TREE ROOTS DOES NOT OCCUR.
16. THE CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATION WITH THE ENGINEER AND LOCAL POST MASTER ON AN ACCEPTABLE METHOD FOR MAIL SERVICE DURING CONSTRUCTION. TEMPORARY MAILBOX FACILITIES MAY BE REQUIRED TO BE FURNISHED BY THE CONTRACTOR. ALL EXISTING MAILBOXES SHALL BE REMOVED AND RELOCATED BY THE CONTRACTOR. THE COST OF THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE UNIT BID PRICES OF THE CONTRACT.
17. THE CONTRACTOR MUST CONTACT J.U.L.I.E. AT LEAST 48 HOURS BEFORE EXCAVATING ANY MATERIAL OR BORING OPERATIONS. THE FOLLOWING UTILITY COMPANIES HAVE BEEN CONTACTED AND THEIR EXISTING FACILITIES ARE SHOWN ON THESE PLANS BASED ON RECORD DRAWINGS AND FIELD SURVEYS.

AMEREN ILLINOIS - ELECTRIC; CARINA KAPRAUN (309-418-7102)

AMEREN ILLINOIS - GAS; NATHAN HILL (618-301-5327)

IL AMERICAN WATER; TRIP BARTON (309-566-4148)

AT&T; BILL CONOVER (309-686-3317)

GREATER PEORIA SANITARY DISTRICT; MARIA ZAVALA (309-272-4844)

COMCAST; MARTHA GIERAS OR MARK WABEL (224-229-5862)

ITV-3; LUKAS DYE (309-670-0400)

MO NETWORK ALLIANCE - DBA BLUEBIRD; JAMIE SCOTT (314-220-8996)

DISTRICT FOUR GENERAL NOTES

THE PEORIA COUNTY HIGHWAY DEPARTMENT SHOULD BE CONTACTED AND PRIOR APPROVAL OBTAINED FOR ANY TREE REMOVAL BEYOND THE LIMITS/LOCATIONS INCLUDED IN THE PLANS. (201.04)

THE CONTRACTOR SHALL CONSULT WITH THE ENGINEER IN REGARD TO THE EXACT LENGTH OF THE BOX/PIPE CULVERTS, STORM SEWERS, AND/OR PIPE DRAINS REQUIRED PRIOR TO ORDERING THESE ITEMS. (542.00)

PRIOR TO THE USE OF ANY PROPOSED BORROW AREAS, USE AREAS (TEMPORARY ACCESS ROADS, DETOURS, RUN-AROUNDS, ETC.) AND/OR WASTE AREAS, THE CONTRACTOR SHALL FILE THE REQUIRED ENVIRONMENTAL RESOURCE REQUEST SURVEYS ACCORDING TO SECTION 107.22 OF THE STANDARD SPECIFICATIONS. THESE SURVEYS ARE REQUIRED IN ORDER FOR THE DEPARTMENT TO CONDUCT CULTURAL AND BIOLOGICAL RESOURCE SURVEYS FOR THE PROPOSED SITE.

THE REQUIRED ENVIRONMENTAL RESOURCE DOCUMENTATION SHALL INCLUDE THE FOLLOWING:
* BDE FORM 2289 (CULTURAL AND NATURAL RESOURCES REVIEW OF BURROW AREAS)
* BDE FORM 2290 (WASTE/USE AREA REVIEW)
* A LOCATION MAP SHOWING THE SIZE LIMITS AND LOCATION OF THE USE AREA
* COLOR PHOTOGRAPHS DEPICTING THE USE AREA
* BORROW AREA ENTRY AGREEMENT FORM - D4 PI0101

1. PRIOR TO ANY WASTE MATERIALS BEING REMOVED FROM THE CONTRUCTION SITE THE REQUIRED ENVIRONMENTAL RESOURCE SURVEYS SHALL BE OBTAINED AND FILED BY THE CONTRACTOR. EXCESS WASTE PRODUCTS REMOVED FROM THE CONSTRUCTION SITE SHALL BE DISPOSED OF AS REQUIRED IN SECTION 202.03 OF THE STANDARD SPECIFICATIONS.
2. ANY PROTRUDING METAL BARS SHALL BE REMOVED PRIOR TO THE DISPOSAL OF BROKEN CONCRETE AT APPROVED DISPOSAL SITES.
3. PLEASE NOTE THAT A MINIMUM OF FOUR WEEKS SHALL BE ALLOWED FOR THE DISTRICT TO OBTAIN THE REQUIRED WASTE SITE ENVIRONMENTAL CLEARANCES AND SIX WEEKS FOR THE REQUIRED BORROW SITE ENVIRONMENTAL CLEARANCES. (204.00)

COMMITMENTS

COMMITMENTS ARE NOT TO BE ALTERED WITHOUT THE WRITTEN APPROVAL OF ALL PARTIES TO WHICH THE COMMITMENT WAS MADE.

1. TREES THREE INCHES OR GREATER IN DIAMETER AT BREAST HEIGHT WILL NOT BE CLEARED FROM APRIL 1 THROUGH SEPTEMBER 30.

HIGHWAY STANDARD DETAIL PLANS

000001-08	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
001001-02	AREAS OF REINFORCEMENT BARS
280001-07	TEMPORARY EROSION CONTROL SYSTEMS
420001-10	PAVEMENT JOINTS
420106-07	36' JOINTED PCC PAVEMENT
420111-04	PCC PAVEMENT ROUNDOUTS
420401-13	PAVEMENT CONNECTOR (PCC) FOR BRIDGE APPROACH SLAB
515001-04	NAME PLATE FOR BRIDGES
542301-03	PRECAST REINFORCED CONCRETE FLARED END SECTION
601001-05	PIPE UNDERDRAINS
602601-06	PRECAST REINFORCED CONCRETE FLAT SLAB TOP
602701-02	MANHOLE STEPS
604086-05	FRAME AND GRATE, TYPE 23
606001-08	CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
630001-12	STEEL PLATE BEAM GUARDRAIL
631011-10	TRAFFIC BARRIER TERMINAL, TYPE 2
631031-18	TRAFFIC BARRIER TERMINAL, TYPE 6
701301-04	LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
701502-09	URBAN LANE CLOSURE, 2L, 2W, WITH BIDIRECTIONAL LEFT TURN LANE
701901-08	TRAFFIC CONTROL DEVICES
720001-01	SIGN PANEL MOUNTING DETAILS
720006-04	SIGN PANEL ERECTION DETAILS
728001-01	TELESCOPING STEEL SIGN SUPPORT
780001-05	TYPICAL PAVEMENT MARKINGS
782006-01	GUARDRAIL AND BARRIER WALL REFLECTOR MOUNTING DETAILS
886001-01	DETECTOR LOOP INSTALLATIONS
886006-01	TYPICAL LAYOUT FOR DETECTION LOOPS
BLR 22-7	TYP. APPL. OF T.C.D. FOR RURAL LOC. HWYS. (2-LANE 2 WAY RURAL TRAFF.) (RD. CLOSED TO THRU TRAFF.)
BLR 23-4	TRAFFIC BARRIER TERMINAL TYPE 1

HMA MIXTURE REQUIREMENTS TABLE

THE FOLLOWING HMA MIXTURE REQUIREMENTS ARE APPLICABLE FOR THIS PROJECT:

LOCATIONS:	MAXWELL ROAD	DRIVEWAYS	
MIXTURE USES:	POLY. HMA SURFACE	INCIDENTAL (SURFACE LIFTS)	INCIDENTAL (LOWER LIFTS)
PG:	SBS 70-28	64-22	64-22
DESIGN AIR VOIDS:	4.0% @ N50	4.0% @ N50	4.0% @ N50
MIXTURE COMPOSITION: (MIXTURE GRADATION)	IL-9.5	IL-9.5	IL-19.0
FRICTION AGGREGATE	MIX D	MIX D	N/A
MIXTURE WEIGHT:	112 LB/SQ YD/IN	112 LB/SQ YD/IN	112 LB/SQ YD/IN
QUALITY MANAGEMENT PROGRAM:	QC/QA	QC/QA	QC/QA
SUBLOT SIZE:	N.A.	N.A.	N.A.
MATERIAL TRANSFER DEVICE (REQUIRED?):	NO	NO	NO

BITUMINOUS MATERIALS APPLICATION RATES

SURFACE TYPE	RESIDUAL RATE ON PAVEMENT
AGGREGATE BASE	0.25 LB/SF
MILLED HMA OR PCC	0.08 LB/SF
FOG COAT ON NEW HMA	0.08 LB/SF

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USER NAME = zslechta		DESIGNED - IHS	REVISED - ZMS	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	GENERAL NOTES, HIGHWAY STANDARDS, AND COMMITMENTS MAXWELL ROAD BRIDGE REHABILITATION
		DRAWN - IHS	REVISED -		
PLOT SCALE = 0.16666633 ' / in.		CHECKED - EMM	REVISED -		
PLOT DATE = 8/18/2023		DATE - AUG 2023	REVISED -		SCALE: SHEET 1 OF 1 SHEETS STA. TO STA.

F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6577	19-00115-00-BR	PEORIA	99	2
		CONTRACT NO. 89815		
	ILLINOIS FED. AID PROJECT			

SUMMARY OF QUANTITIES

	CODE #	DESCRIPTION	UNITS	TOTAL QUANTITY	CONSTRUCTION CODE 0004 - ROAD RECONSTR	CONSTRUCTION CODE 0013 - BRIDGE REHAB
	20200100	EARTH EXCAVATION	CU YD	4,343	4,343	
	20800150	TRENCH BACKFILL	CU YD	105	105	
	21001000	GEOTECHNICAL FABRIC FOR GROUND STABILIZATION	SQ YD	7,072	7,072	
	21101615	TOPSOIL FURNISH AND PLACE, 4"	SQ YD	8,745	8,745	
#	25000210	SEEDING, CLASS 2A	ACRE	2	2	
#	25000400	NITROGEN FERTILIZER NUTRIENT	POUND	180	180	
#	25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	180	180	
#	25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	180	180	
#	25100115	MULCH, METHOD 2	ACRE	1.25	1.25	
#	25100630	EROSION CONTROL BLANKET	SQ YD	3,445	3,445	
	28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	220	220	
	28000400	PERIMETER EROSION BARRIER	FOOT	2,192	2,192	
	28000500	INLET AND PIPE PROTECTION	EACH	26	26	
	28100105	STONE RIPRAP, CLASS A3	SQ YD	38	38	
	28200200	FILTER FABRIC	SQ YD	38	38	
	30300112	AGGREGATE SUBGRADE IMPROVEMENT 12"	SQ YD	7,072	7,072	
	31100300	SUBBASE GRANULAR MATERIAL, TYPE A 4"	SQ YD	7,084	7,084	
	31101200	SUBBASE GRANULAR MATERIAL, TYPE B 4"	SQ YD	400	400	
	40201000	AGGREGATE FOR TEMPORARY ACCESS	TON	476	476	
	40600295	POLYMERIZED BITUMINOUS MATERIALS (TACK COAT)	POUND	786	786	

SUMMARY OF QUANTITIES

	CODE #	DESCRIPTION	UNITS	TOTAL QUANTITY	CONSTRUCTION CODE 0004 - ROAD RECONSTR	CONSTRUCTION CODE 0013 - BRIDGE REHAB
	40604160	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50	TON	199	199	
	40800050	INCIDENTAL HOT-MIX ASPHALT SURFACING	TON	34	34	
	42000080	PAVEMENT CONNECTOR (PCC) FOR BRIDGE APPROACH SLAB	SQ YD	278	278	
	42000301	PORTLAND CEMENT CONCRETE PAVEMENT 8" (JOINTED)	SQ YD	5,794	5,794	
	42300400	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8 INCH	SQ YD	242	242	
	44000100	PAVEMENT REMOVAL	SQ YD	6,923	6,923	
	44000157	HOT-MIX ASPHALT SURFACE REMOVAL, 2"	SQ YD	1,745	1,745	
	44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	242	242	
	44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	1,403	1,403	
	50101700	REMOVAL OF EXISTING SUPERSTRUCTURES NO. 1	EACH	1		1
	50102400	CONCRETE REMOVAL	CU YD	34		34
	50104400	CONCRETE HEADWALL REMOVAL	EACH	2	2	
	50104650	SLOPE WALL REMOVAL	SQ YD	144		144
	50105220	PIPE CULVERT REMOVAL	FOOT	168	168	
	50200100	STRUCTURE EXCAVATION	CU YD	88.5		88.5
	50300225	CONCRETE STRUCTURES	CU YD	70.6		70.6
	50300255	CONCRETE SUPERSTRUCTURE	CU YD	391.6		391.6
	50300260	BRIDGE DECK GROOVING	SQ YD	1,289		1,289
	50300300	PROTECTIVE COAT	SQ YD	1,692		1,692

SPECIALTY ITEM

MODEL: Maxwell SOQ 1 [Sheet]
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	DRAWN - ZMS	REVISED -	
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PLOT DATE = 9/8/2023	DATE - AUG 2023	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES
MAXWELL ROAD BRIDGE REHABILITATION

SCALE: | SHEET 1 OF 3 SHEETS | STA. ___+__.__ | TO STA. ___+__.__

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6577	19-00115-00-BR	PEORIA	99	3
		CONTRACT NO.89815		
	ILLINOIS	FED. AID PROJECT		

SUMMARY OF QUANTITIES

	CODE #	DESCRIPTION	UNITS	TOTAL QUANTITY	CONSTRUCTION CODE 0004 - ROAD RECONSTR	CONSTRUCTION CODE 0013 - BRIDGE REHAB
	50301350	CONCRETE SUPERSTRUCTURE (APPROACH SLAB)	CU YD	98		98
	50500105	FURNISHING AND ERECTING STRUCTURAL STEEL	L SUM	1		1
	50500505	STUD SHEAR CONNECTORS	EACH	4,635		4,635
	50800205	REINFORCEMENT BARS, EPOXY COATED	POUND	181,200		181,200
	51100100	SLOPE WALL 4 INCH	SQ YD	144		144
	51500100	NAME PLATES	EACH	1		1
	52000110	PREFORMED JOINT STRIP SEAL	FOOT	149		149
	52100010	ELASTOMERIC BEARING ASSEMBLY, TYPE I	EACH	15		15
	52100510	ANCHOR BOLTS, 3/4"	EACH	20		20
	52100520	ANCHOR BOLTS, 1"	EACH	18		18
	54213660	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 15"	EACH	1	1	
	54213663	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 18"	EACH	3	3	
	54213669	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 24"	EACH	2	2	
	54213675	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 30"	EACH	2	2	
	542A0223	PIPE CULVERTS, CLASS A, TYPE 1 18"	FOOT	44	44	
	542A0229	PIPE CULVERTS, CLASS A, TYPE 1 24"	FOOT	52	52	
	542A0235	PIPE CULVERTS, CLASS A, TYPE 1 30"	FOOT	72	72	
	550A0340	STORM SEWERS, CLASS A, TYPE 2 12"	FOOT	462	462	
	550A0360	STORM SEWERS, CLASS A, TYPE 2 15"	FOOT	69	69	
	550A0640	STORM SEWERS, CLASS A, TYPE 3 12"	FOOT	137	137	
	550A0660	STORM SEWERS, CLASS A, TYPE 3 15"	FOOT	39	39	

SUMMARY OF QUANTITIES

	CODE #	DESCRIPTION	UNITS	TOTAL QUANTITY	CONSTRUCTION CODE 0004 - ROAD RECONSTR	CONSTRUCTION CODE 0013 - BRIDGE REHAB
	550A0680	STORM SEWERS, CLASS A, TYPE 3 18"	FOOT	66	66	
	55100500	STORM SEWER REMOVAL 12"	FOOT	45	45	
	55100700	STORM SEWER REMOVAL 15"	FOOT	53	53	
	55101200	STORM SEWER REMOVAL 24"	FOOT	116	116	
	58600101	GRANULAR BACKFILL FOR STRUCTURES	CU YD	184.8		184.8
	58700300	CONCRETE SEALER	SQ FT	581		581
	59000200	EPOXY CRACK INJECTION	FOOT	125		125
	60108501	PIPE UNDERDRAINS, TYPE 3	FOOT	2,915	2,915	
	60219530	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 23 FRAME AND GRATE	EACH	1	1	
	60237460	INLETS, TYPE A, TYPE 23 FRAME AND GRATE	EACH	1	1	
	60260100	INLETS TO BE ADJUSTED	EACH	2	2	
	60500060	REMOVING INLETS	EACH	2	2	
	60600605	CONCRETE CURB, TYPE B	FOOT	251	251	
	60605000	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24	FOOT	3123	3123	
#	63000001	STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS	FOOT	450	450	
#	63100045	TRAFFIC BARRIER TERMINAL, TYPE 2	EACH	2	2	
#	63100085	TRAFFIC BARRIER TERMINAL, TYPE 6	EACH	4	4	
#	63100167	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	EACH	2	2	
	63200310	GUARDRAIL REMOVAL	FOOT	775	775	
#	66900200	NON-SPECIAL WASTE DISPOSAL	CU YD	951	951	

SPECIALTY ITEM

MODEL: Maxwell SOQ 2 [Sheet]
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PLOT SCALE = 0.16666633 ' / in.	CHECKED - CJW	REVISED -	
PLOT DATE = 9/8/2023	DATE - AUG 2023	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES
MAXWELL ROAD BRIDGE REHABILITATION

SCALE: | SHEET 2 OF 3 SHEETS | STA. ___+__.__ | TO STA. ___+__.__

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6577	19-00115-00-BR	PEORIA	99	4
		CONTRACT NO.89815		
	ILLINOIS FED. AID PROJECT			

SUMMARY OF QUANTITIES

	CODE #	DESCRIPTION	UNITS	TOTAL QUANTITY	CONSTRUCTION CODE 0004 - ROAD RECONSTR	CONSTRUCTION CODE 0013 - BRIDGE REHAB
#	66900530	SOIL DISPOSAL ANALYSIS	EACH	2	2	
#	66901001	REGULATED SUBSTANCES PRE-CONSTRUCTION PLAN	L SUM	1	1	
#	66901003	REGULATED SUBSTANCES FINAL CONSTRUCTION REPORT	L SUM	1	1	
#	66901006	REGULATED SUBSTANCES MONITORING	CAL DA	7	7	
	67100100	MOBILIZATION	L SUM	1	1	
	70107025	CHANGEABLE MESSAGE SIGN	CAL DA	300	300	
	70306100	TEMPORARY PAVEMENT MARKING LETTERS AND SYMBOLS - TYPE III TAPE	SQ FT	129	129	
	70306120	TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE III TAPE	FOOT	692	692	
	70306210	TEMPORARY PAVEMENT MARKING - LINE 24"- TYPE III TAPE	FOOT	10	10	
#	72000100	SIGN PANEL - TYPE 1	SQ FT	49	49	
	72400310	REMOVE SIGN PANEL - TYPE 1	SQ FT	56	56	
#	72500300	OBJECT MARKER - TYPE 3	EACH	3	3	
#	72501000	TERMINAL MARKER - DIRECT APPLIED	EACH	4	4	
#	72800100	TELESCOPING STEEL SIGN SUPPORT	FOOT	160	160	
#	78009000	MODIFIED URETHANE PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	45	45	
#	78009004	MODIFIED URETHANE PAVEMENT MARKING - LINE 4"	FOOT	9,512	9,512	
#	78009008	MODIFIED URETHANE PAVEMENT MARKING - LINE 8"	FOOT	857	857	
#	78009012	MODIFIED URETHANE PAVEMENT MARKING - LINE 12"	FOOT	1,162	1,162	
#	78009024	MODIFIED URETHANE PAVEMENT MARKING - LINE 24"	FOOT	75	75	
#	78011000	GROOVING FOR RECESSED PAVEMENT MARKING, LETTERS AND SYMBOLS	SQ FT	45	45	
#	78011025	GROOVING FOR RECESSED PAVEMENT MARKING 5"	FOOT	9,512	9,512	

SUMMARY OF QUANTITIES

	CODE #	DESCRIPTION	UNITS	TOTAL QUANTITY	CONSTRUCTION CODE 0004 - ROAD RECONSTR	CONSTRUCTION CODE 0013 - BRIDGE REHAB
#	78011045	GROOVING FOR RECESSED PAVEMENT MARKING 9"	FOOT	857	857	
#	78011065	GROOVING FOR RECESSED PAVEMENT MARKING 13"	FOOT	1,162	1,162	
#	78011125	GROOVING FOR RECESSED PAVEMENT MARKING 25"	FOOT	75	75	
#	78200005	GUARDRAIL REFLECTORS, TYPE A	EACH	13	13	
#	88600100	DETECTOR LOOP, TYPE I	FOOT	531	531	
#	X0326851	ADJUST EXISTING DETECTOR LOOP RISER	EACH	2	2	
	X0327301	RELOCATE EXISTING MAILBOX	EACH	1	1	
	X6020065	INLETS, TYPE G-1, DOUBLE (SPECIAL)	EACH	3	3	
	X6021065	INLETS, TYPE G-1 (SPECIAL)	EACH	4	4	
	X6021825	INLET-MANHOLE, TYPE G-1, 5' DIAMETER (SPECIAL)	EACH	2	2	
	X6022230	MANHOLES, TYPE A, 4'-DIAMETER, WITH SPECIAL FRAME AND GRATE	EACH	1	1	
	X7010216	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	L SUM	1	1	
	Z0013798	CONSTRUCTION LAYOUT	L SUM	1	1	
	Z0016702	DETOUR SIGNING	L SUM	1	1	
	Z0018002	DRAINAGE SCUPPERS, DS-11	EACH	2		2
	Z0048665	RAILROAD PROTECTIVE LIABILITY INSURANCE	L SUM	1	1	
+	Z0076600	TRAINEES	HOUR			2,000
	Z0056668	STORM SEWERS, TYPE 2, WATER MAIN QUALITY PIPE, 12"	FOOT	42	42	
+	Z0076604	TRAINEES TRAINING PROGRAM GRADUATE	HOUR			2,000
	Z0062456	TEMPORARY PAVEMENT	SQ YD	490	490	

SPECIALTY ITEM

+ 0042

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

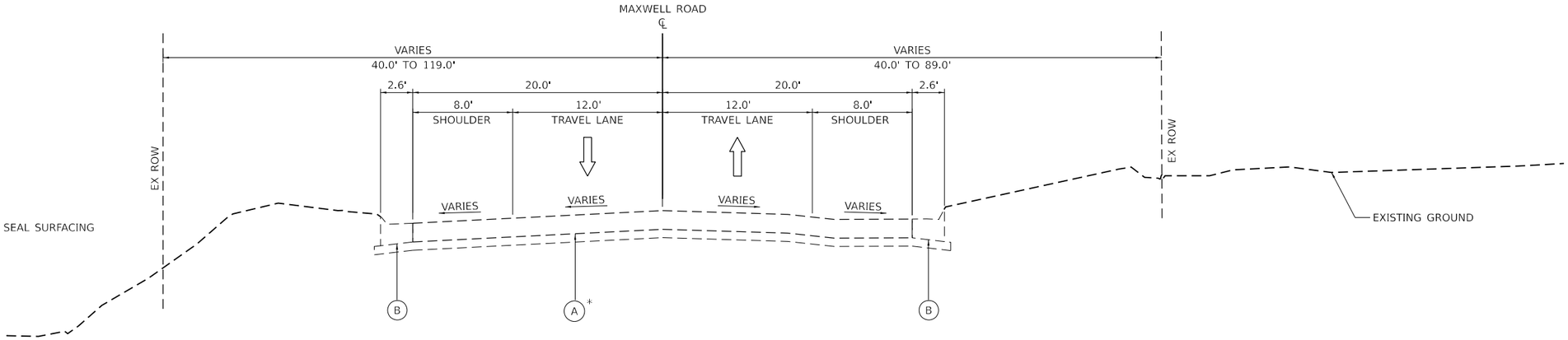
SUMMARY OF QUANTITIES
MAXWELL ROAD BRIDGE REHABILITATION

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6577	19-00115-00-BR	PEORIA	99	5
		CONTRACT NO. 89815		
	ILLINOIS FED. AID PROJECT			

EXISTING MATERIALS

- (A) EXISTING CONCRETE PAVEMENT
- (B) EXISTING CURB AND GUTTER
- (C) EXISTING BITUMINOUS PAVEMENT
- (D) EXISTING REINFORCED CONCRETE DECK WITH CHIP SEAL SURFACING



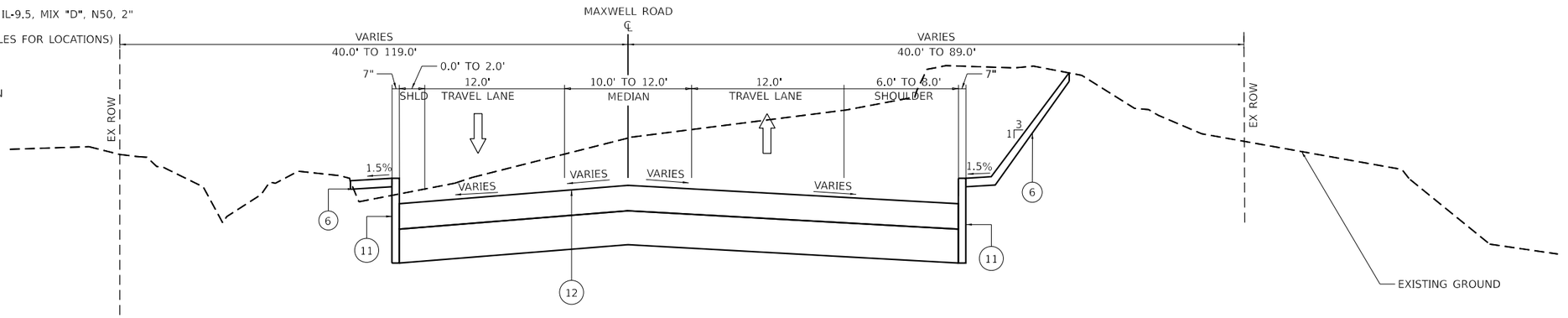
EXISTING TYPICAL SECTION

MAXWELL ROAD

STA. 136+00.00 TO 155+23.12
* EXISTING PAVEMENT INCLUDES HOT-MIX ASPHALT OVERLAY
FROM STA. 145+88.46 TO STA. 155+25.82.
SEE REMOVAL PLANS FOR PAVEMENT CORE DATA.

PROPOSED MATERIALS

- (1) PORTLAND CEMENT CONCRETE PAVEMENT (JOINTED), 8"
- (2) SUBBASE GRANULAR MATERIAL, TYPE A, 4"
- (3) AGGREGATE SUBGRADE IMPROVEMENT, 12"
- (4) COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24
- (5) COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24 (DEPRESSED)
- (6) SEEDING, CLASS 2A AND TOPSOIL FURNISH AND PLACE, 4"
- (7) POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50, 2"
- (8) PIPE UNDERDRAIN, TYPE 3 (SEE QUANTITY SCHEDULES FOR LOCATIONS)
- (9) CONCRETE SUPERSTRUCTURE
- (10) GEOTECHNICAL FABRIC FOR GROUND STABILIZATION
- (11) CONCRETE CURB, TYPE B
- (12) TEMPORARY PAVEMENT (SEE NOTE)



PROPOSED TYPICAL SECTION #1

MAXWELL ROAD

STA. 136+50.00 TO 137+00.00
TEMPORARY PAVEMENT BEGINS AT STA. 136+00.00 FOR RT SIDE ONLY.

NOTE: THE CONTRACTOR SHALL HAVE THE OPTION OF TEMPORARY PAVEMENT MATERIALS BASED ON THE FOLLOWING OPTIONS:
A. HOT-MIX ASPHALT BASE COURSE, 6" ON AGGREGATE BASE COURSE, TYPE B, 8"
B. PORTLAND CEMENT CONCRETE BASE COURSE, 8" ON AGGREGATE BASE COURSE, TYPE B, 4"

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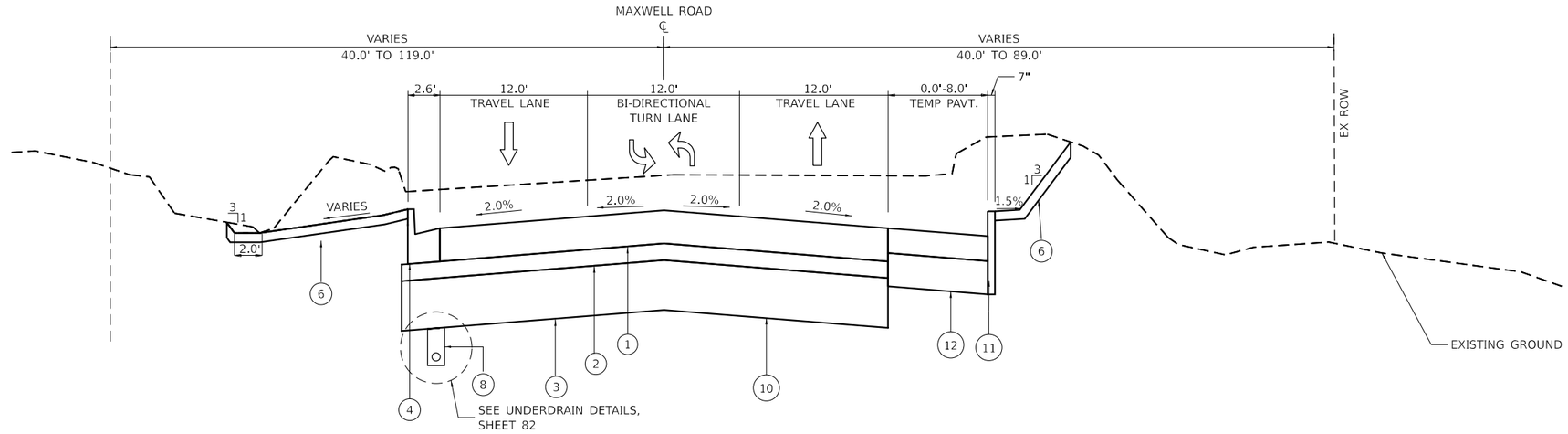
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS
MAXWELL ROAD BRIDGE REHABILITATION

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6577	19-00115-00-BR	PEORIA	99	6
		CONTRACT NO. 89815		
		ILLINOIS FED. AID PROJECT		

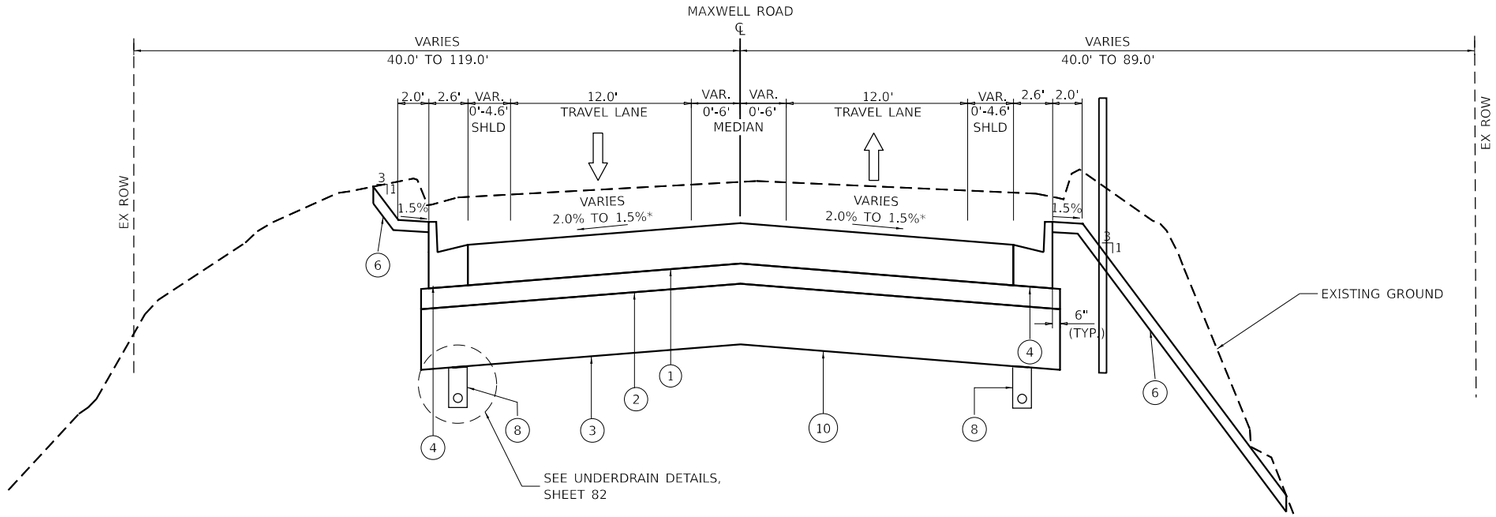


PROPOSED MATERIALS

1. PORTLAND CEMENT CONCRETE PAVEMENT (JOINTED), 8"
2. SUBBASE GRANULAR MATERIAL, TYPE A, 4"
3. AGGREGATE SUBGRADE IMPROVEMENT, 12"
4. COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24
5. COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24 (DEPRESSED)
6. SEEDING, CLASS 2A AND TOPSOIL FURNISH AND PLACE, 4"
7. POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50, 2"
8. PIPE UNDERDRAIN, TYPE 3 (SEE QUANTITY SCHEDULES FOR LOCATIONS)
9. CONCRETE SUPERSTRUCTURE
10. GEOTECHNICAL FABRIC FOR GROUND STABILIZATION
11. CONCRETE CURB, TYPE B
12. TEMPORARY PAVEMENT (SEE NOTE)

PROPOSED TYPICAL SECTION #2
MAXWELL ROAD

STA. 137+00.00 TO 138+45.63



PROPOSED TYPICAL SECTION #2
MAXWELL ROAD

STA. 138+45.63 TO 153+40.00
BRIDGE OMISSION STA. 142+46.36 TO 146+18.46
*CROSS SLOPE VARIES 2.0% TO 1.5% FROM STA. 142+29.72 TO STA. 146+20.10

NOTE: THE CONTRACTOR SHALL HAVE THE OPTION OF TEMPORARY PAVEMENT MATERIALS BASED ON THE FOLLOWING OPTIONS:
A. HOT-MIX ASPHALT BASE COURSE, 6" ON AGGREGATE BASE COURSE, TYPE B, 8"
B. PORTLAND CEMENT CONCRETE BASE COURSE, 8" ON AGGREGATE BASE COURSE, TYPE B, 4"

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

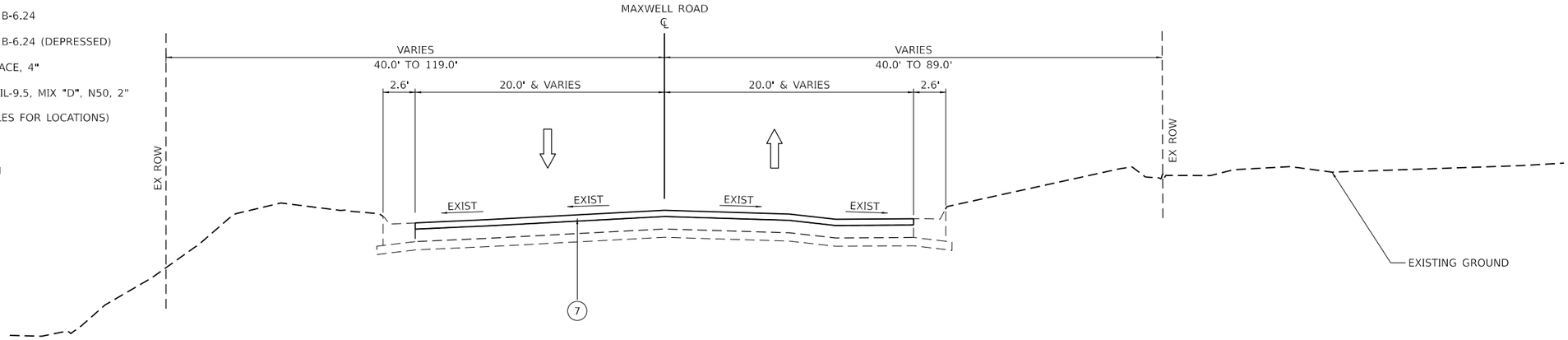
TYPICAL SECTIONS
MAXWELL ROAD BRIDGE REHABILITATION

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6577	19-00115-00-BR	PEORIA	99	7
		CONTRACT NO. 89815		
	ILLINOIS FED. AID PROJECT			

PROPOSED MATERIALS

1. PORTLAND CEMENT CONCRETE PAVEMENT (JOINTED), 8"
2. SUBBASE GRANULAR MATERIAL, TYPE A, 4"
3. AGGREGATE SUBGRADE IMPROVEMENT, 12"
4. COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24
5. COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24 (DEPRESSED)
6. SEEDING, CLASS 2A AND TOPSOIL FURNISH AND PLACE, 4"
7. POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50, 2"
8. PIPE UNDERDRAIN, TYPE 3 (SEE QUANTITY SCHEDULES FOR LOCATIONS)
9. CONCRETE SUPERSTRUCTURE
10. GEOTECHNICAL FABRIC FOR GROUND STABILIZATION
11. CONCRETE CURB, TYPE B
12. TEMPORARY PAVEMENT (SEE NOTE)



PROPOSED TYPICAL SECTION #3

MAXWELL ROAD

STA. 153+40.00 TO 155+23.12

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

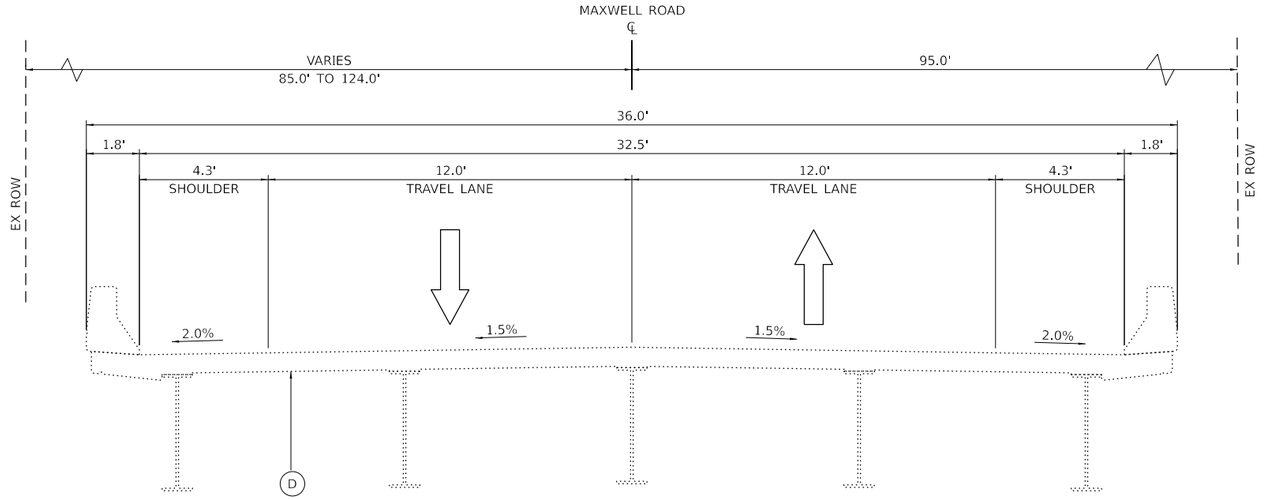
TYPICAL SECTIONS
MAXWELL ROAD BRIDGE REHABILITATION

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6577	19-00115-00-BR	PEORIA	99	8
		CONTRACT NO. 89815		
	ILLINOIS	FED. AID PROJECT		

EXISTING MATERIALS

- (A) EXISTING CONCRETE PAVEMENT
- (B) EXISTING CURB AND GUTTER
- (C) EXISTING BITUMINOUS PAVEMENT
- (D) EXISTING REINFORCED CONCRETE DECK WITH CHIP SEAL SURFACING



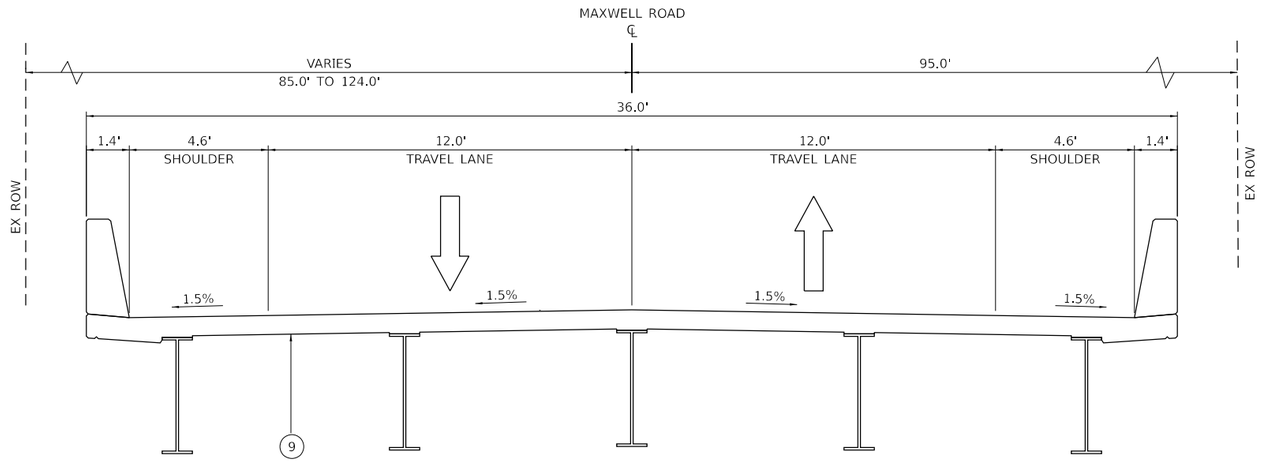
EXISTING BRIDGE SECTION

SN #072–3072

STA. 142+75.28 TO STA. 145+89.53

PROPOSED MATERIALS

- (1) PORTLAND CEMENT CONCRETE PAVEMENT (JOINTED), 8"
- (2) SUBBASE GRANULAR MATERIAL, TYPE A, 4"
- (3) AGGREGATE SUBGRADE IMPROVEMENT, 12"
- (4) COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24
- (5) COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24 (DEPRESSED)
- (6) SEEDING, CLASS 2A AND TOPSOIL FURNISH AND PLACE, 4"
- (7) POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50, 2"
- (8) PIPE UNDERDRAIN, TYPE 3 (SEE QUANTITY SCHEDULES FOR LOCATIONS)
- (9) CONCRETE SUPERSTRUCTURE
- (10) GEOTECHNICAL FABRIC FOR GROUND STABILIZATION
- (11) CONCRETE CURB, TYPE B
- (12) TEMPORARY PAVEMENT (SEE NOTE)



PROPOSED BRIDGE SECTION

SN #072–3072

STA. 142+75.28 TO STA. 145+89.53

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

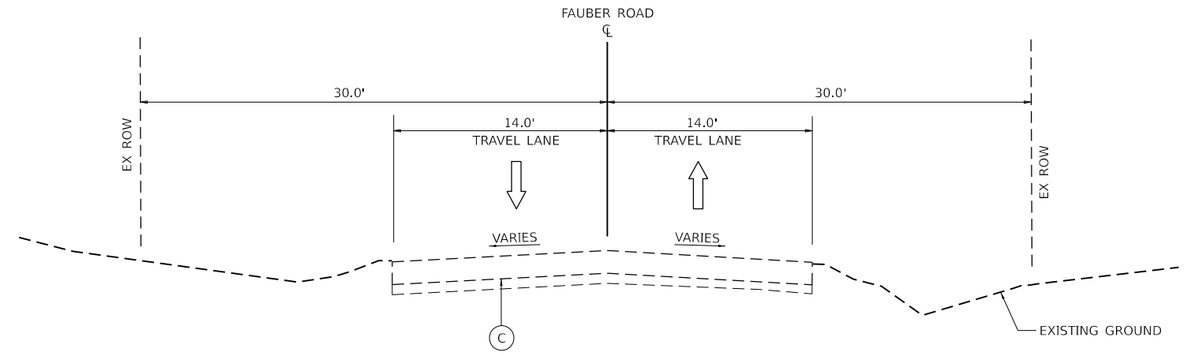
TYPICAL SECTIONS
MAXWELL ROAD BRIDGE REHABILITATION

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6577	19-00115-00-BR	PEORIA	99	9
		CONTRACT NO. 89815		
		ILLINOIS	FED. AID PROJECT	

EXISTING MATERIALS

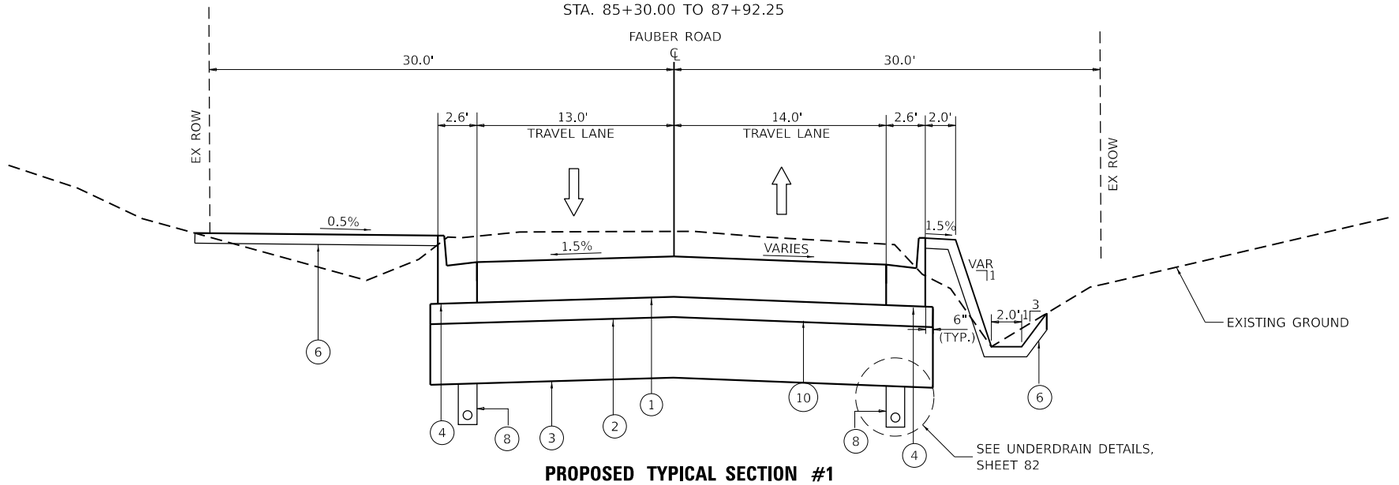
- (A) EXISTING CONCRETE PAVEMENT
- (B) EXISTING CURB AND GUTTER
- (C) EXISTING BITUMINOUS PAVEMENT
- (D) EXISTING REINFORCED CONCRETE DECK WITH CHIP SEAL SURFACING



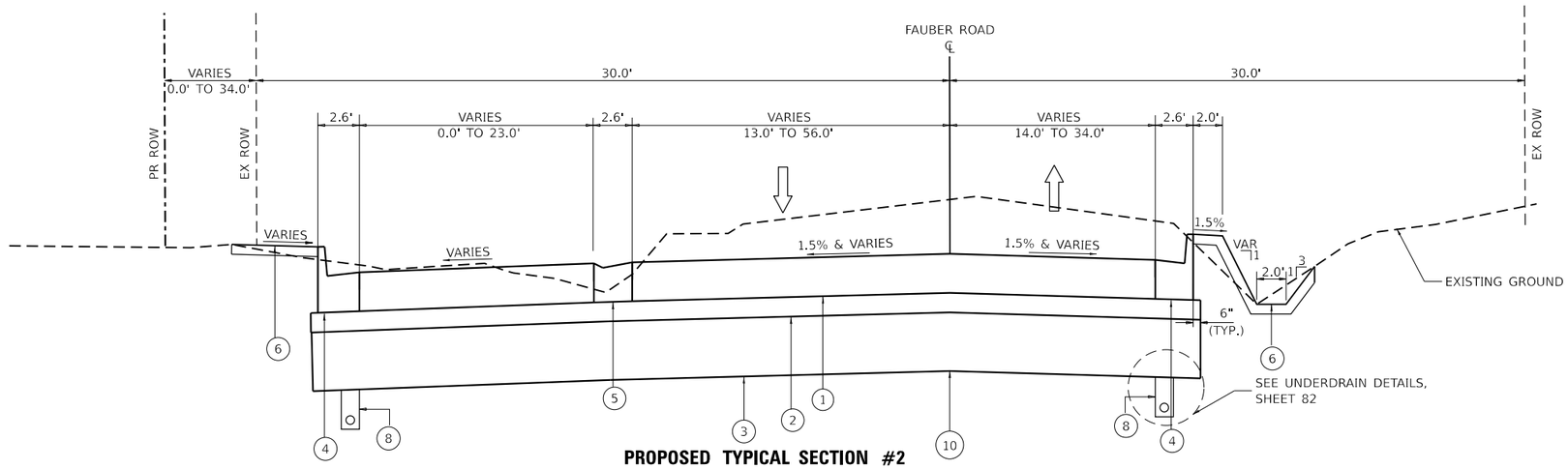
EXISTING TYPICAL SECTION
FAUBER ROAD
STA. 85+30.00 TO 87+92.25

PROPOSED MATERIALS

- (1) PORTLAND CEMENT CONCRETE PAVEMENT (JOINTED), 8"
- (2) SUBBASE GRANULAR MATERIAL, TYPE A, 4"
- (3) AGGREGATE SUBGRADE IMPROVEMENT, 12"
- (4) COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24
- (5) COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24 (DEPRESSED)
- (6) SEEDING, CLASS 2A AND TOPSOIL FURNISH AND PLACE, 4"
- (7) POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50, 2"
- (8) PIPE UNDERDRAIN, TYPE 3 (SEE QUANTITY SCHEDULES FOR LOCATIONS)
- (9) CONCRETE SUPERSTRUCTURE
- (10) GEOTECHNICAL FABRIC FOR GROUND STABILIZATION
- (11) CONCRETE CURB, TYPE B
- (12) TEMPORARY PAVEMENT (SEE NOTE)



PROPOSED TYPICAL SECTION #1
FAUBER ROAD
STA. 85+30.00 TO 86+40.00



PROPOSED TYPICAL SECTION #2
FAUBER ROAD
STA. 86+40.00 TO 87+92.25

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS
MAXWELL ROAD BRIDGE REHABILITATION

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6577	19-00115-00-BR	PEORIA	99	10
		CONTRACT NO. 89815		
	ILLINOIS FED. AID PROJECT			

MAXWELL ROAD EARTHWORK

LOCATION		EARTH EXCAVATION	EARTH EXCAVATION ADJUSTED FOR SHRINKAGE (25%)	EMBANKMENT	EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-)
STATION TO STATION		CUBIC YARD	CUBIC YARD	CUBIC YARD	CUBIC YARD
MAXWELL ROAD					
136+00.00	136+50.00	52.1	39.1	0.0	+39.1
136+50.00	137+00.00	132.5	99.4	0.0	+99.4
137+00.00	137+50.00	205.0	153.7	0.0	+153.7
137+50.00	138+00.00	236.9	177.7	0.0	+177.7
138+00.00	138+50.00	195.4	146.5	0.0	+146.5
138+50.00	138+85.00	115.4	86.5	0.0	+86.5
138+85.00	139+00.00	49.1	36.8	0.0	+36.8
139+00.00	139+50.00	212.8	159.6	0.0	+159.6
139+50.00	140+00.00	224.6	168.5	0.0	+168.5
140+00.00	140+50.00	183.7	137.8	0.0	+137.8
140+50.00	141+00.00	170.0	127.5	0.0	+127.5
141+00.00	141+50.00	146.6	109.9	0.0	+109.9
141+50.00	142+00.00	114.5	85.9	0.0	+85.9
142+00.00	142+50.00	53.4	40.0	0.0	+40.0
142+50.00	143+00.00	6.7	5.0	0.0	+5.0
143+00.00	143+50.00	1.3	1.0	0.0	+1.0
143+50.00	144+00.00	0.0	0.0	0.0	0
144+00.00	144+50.00	0.0	0.0	0.0	0
144+50.00	145+00.00	0.0	0.0	0.0	0
145+00.00	145+50.00	0.0	0.0	0.0	0
145+50.00	146+00.00	1.0	0.7	0.0	+0.7
146+00.00	146+50.00	40.2	30.1	49.2	-19.0
146+50.00	147+00.00	89.2	66.9	139.0	-72.1
147+00.00	147+50.00	111.4	83.6	178.5	-95.0
147+50.00	148+00.00	137.1	102.8	178.5	-75.7
148+00.00	148+50.00	163.8	122.9	89.8	+33.0
148+50.00	149+00.00	199.6	149.7	0.2	+149.5
149+00.00	149+44.72	197.4	148.1	0.2	+147.9
149+44.72	149+50.00	23.1	17.3	0.0	+17.3
149+50.00	150+00.00	233.8	175.4	0.0	+175.4
150+00.00	150+50.00	260.6	195.4	0.0	+195.4
150+50.00	151+00.00	257.8	193.3	0.0	+193.3
151+00.00	151+50.00	216.7	162.5	0.6	+161.9
151+50.00	152+00.00	161.1	120.8	1.2	+119.6
152+00.00	152+46.60	100.6	75.5	0.5	+74.9
152+46.60	152+50.00	5.5	4.2	0.0	+4.2
152+50.00	152+64.86	21.5	16.1	0.0	+16.1
152+64.86	153+00.00	22.8	17.1	0.0	+17.1
153+00.00	153+40.00	0.0	0.0	0.0	0
153+40.00	153+50.00	0.0	0.0	0.0	0
153+50.00	154+00.00	0.0	0.0	0.0	0
154+00.00	154+50.00	0.0	0.0	0.0	0
154+50.00	155+00.00	0.0	0.0	0.0	0
155+00.00	155+37.67	0.0	0.0	0.0	0
FAUBER ROAD					
85+30.00	85+50.00	32.7	24.5	0.0	+24.5
85+50.00	86+00.00	90.7	68.0	0.0	+68.0
86+00.00	86+50.00	106.0	79.5	0.0	+79.5
86+50.00	87+00.00	150.5	112.8	0.0	+112.8
87+00.00	87+50.00	189.3	141.9	0.0	+141.9
87+50.00	87+92.00	178.7	134.0	0.0	+134.0
	TOTAL	4343.1	3257.4	637.8	+2619.6

RIP RAP SCHEDULE			STONE RIPRAP, CLASS A3	FILTER FABRIC
LOCATION			28100105	28200200
STATION	O/S		SQ YD	SQ YD
140+62.48	74.2'	RT	18.8	18.8
151+47.11	64.1'	RT	18.8	18.8
		TOTAL:	38	38

LANDSCAPE SCHEDULE			MULCH, METHOD 2	EROSION CONTROL BLANKET	SEEDING, CLASS 2A
LOCATION			25100115	25100630	25000210
STATION TO STATION		O/S	ACRES	SQYD	ACRES
136+00.00	141+41.45	RT	0.13		0.13
85+30.00	87+88.15	RT	0.15		0.15
85+29.81	87+81.06	LT	0.16		0.16
147+20.00	152+47.04	RT	0.25		0.25
152+83.00	153+40.01	RT	0.02		0.02
147+20.00	149+31.97	LT	0.06		0.06
149+46.65	153+81.44	LT	0.33		0.33
136+49.96	143+39.00	RT		741.0	0.15
140+53.48	140+71.70	RT		67.4	0.01
86+30.00	87+92.75	RT		314.3	0.06
85+29.94	87+94.54	LT		278.8	0.06
141+41.45	143+07.90	LT		218.7	0.05
145+56.81	152+46.03	RT		1110.5	0.23
151+37.39	151+56.43	RT		65.4	0.01
146+19.77	149+32.15	LT		350.8	0.07
149+55.33	151+34.21	LT		184	0.04
152+58.87	153+81.46	LT		79	0.02
152+83.71	153+39.94	RT		35	0.01
		SUB TOTAL:	1.10	3444.5	1.81
		TOTAL:	1.25	3445.0	2.00

PERIMETER EROSION BARRIER							28000400
STATION	O/S		TO	STATION	O/S		LENGTH (FT.)
139+70.56	45.4'	RT		140+20.70	44.2'	RT	50.2
140+20.70	44.2'	RT		140+53.71	75.8'	RT	45.7
140+53.71	75.8'	RT		140+71.70	76.2'	RT	18.0
140+71.70	76.2'	RT		140+71.58	38.1'	RT	38.1
140+71.58	38.1'	RT		143+39.00	34.9'	RT	267.4
143+39.00	34.9'	RT		143+38.75	18.0'	RT	16.9
140+56.46	28.1'	LT		140+60.70	28.1'	LT	4.2
140+60.70	28.1'	LT		140+60.43	60.7'	LT	32.6
140+60.43	60.7'	LT		140+90.24	60.9'	LT	29.8
140+90.24	60.9'	LT		140+90.52	28.1'	LT	32.9
145+56.81	17.7'	RT		146+58.30	79.0'	RT	118.6
146+58.30	79.0'	RT		147+89.31	76.9'	RT	131.0
147+89.31	76.9'	RT		148+35.02	42.8'	RT	57.0
148+35.02	42.8'	RT		149+43.59	43.1'	RT	108.6
149+43.59	43.1'	RT		149+64.37	31.9'	RT	23.6
149+64.37	31.9'	RT		151+37.39	32.4'	RT	173.0
151+37.39	32.4'	RT		151+37.77	64.1'	RT	31.7
151+37.77	64.1'	RT		151+55.87	64.0'	RT	18.0
151+55.87	64.0'	RT		152+34.21	52.7'	RT	76.1
152+34.21	52.7'	RT		152+46.72	53.9'	RT	12.1
152+83.00	52.9'	RT		152+99.91	51.4'	RT	16.4
152+99.91	51.4'	RT		153+40.01	31.4'	RT	43.8
153+40.01	31.4'	RT		153+39.94	22.6'	RT	8.8
146+20.10	18.0'	LT		146+19.77	29.5'	LT	11.5
146+19.77	29.5'	LT		146+61.53	38.8'	LT	42.8
146+61.53	38.8'	LT		147+48.30	39.3'	LT	86.8
147+48.30	39.3'	LT		147+72.49	30.5'	LT	25.8
147+72.49	30.5'	LT		148+23.18	30.2'	LT	50.7
148+23.18	30.2'	LT		148+49.23	39.9'	LT	27.8
148+49.23	39.9'	LT		149+21.37	39.9'	LT	72.1
149+21.37	39.9'	LT		149+21.50	59.0'	LT	19.6
149+21.50	59.0'	LT		149+25.44	58.9'	LT	3.9
149+49.65	73.0'	LT		151+48.44	73.0'	LT	201.8
149+84.61	58.6'	LT		149+84.47	38.5'	LT	20.1
151+48.44	73.0'	LT		152+04.37	71.0'	LT	58.4
152+04.37	71.0'	LT		152+46.60	70.9'	LT	44.2
152+46.60	70.9'	LT		152+57.75	71.3'	LT	11.7
152+57.75	71.3'	LT		152+66.01	71.4'	LT	8.7
152+66.01	71.4'	LT		153+81.51	23.7'	LT	151.9
						TOTAL:	2192

MODEL: Schedules [Sheet]
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CMT
License No. 184-000613

USER NAME = isyedsaad	DESIGNED - ZMS	REVISED -	
	DRAWN - ZMS	REVISED -	
PLOT SCALE = 0.16666633 ' / in.	CHECKED - CJW	REVISED -	
PLOT DATE = 9/8/2023	DATE - AUG 2023	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

QUANTITY SCHEDULES
MAXWELL ROAD BRIDGE REHABILITATION

SCALE: 1"=20' | SHEET 1 OF 5 SHEETS | STA. | TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6577	19-00115-00-BR	PEORIA	99	11
		CONTRACT NO. 89815		
	ILLINOIS FED. AID PROJECT			

STORM SEWER REMOVAL			STORM SEWER REMOVAL, 12"	STORM SEWER REMOVAL, 15"	STORM SEWER REMOVAL, 24"
			55100500	55100700	55101200
STATION TO STATION		O/S	FOOT	FOOT	FOOT
140+24.45	140+24.30	LT/RT	45		
140+24.30	140+62.71	RT		53	
140+66.59	140+62.78	LT/RT			116
		TOTAL:	45	53	116

DRAINAGE STRUCTURE REMOVAL SCHEDULE			REMOVING INLETS	REMOVING HEADWALLS
LOCATION			6050060	50104400
STATION	O/S		EACH	EACH
140+24.30	22.3'	RT	1	
140+24.45	22.2'	LT	1	
140+62.78	59.1'	RT		1
151+46.66	49.4'	RT		1
		TOTAL:	2	2

STORM SEWER			STORM SEWER CLASS A, TY 2, 12"	STORM SEWER CLASS A, TY 3, 12"	STORM SEWER CLASS A, TY 2, 15"	STORM SEWER CLASS A, TY 3, 15"	STORM SEWER CLASS A, TY 3, 18"	STORM SEWER TY 2, WMQ, 12"	TRENCH BACKFILL
			550A0340	550A0640	550A0360	550A0660	550A0680	Z0056668	20800150
STRUCTURE TO STRUCTURE LOCATION		O/S	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	CU YD
S1	S2	RT TO LT	41						2.1
S3	S2	LT	7						0.0
S2	S4	LT	21						1.2
S5	S4	LT	4						0.0
S14	S13	LT	7						0.0
S16	S15	RT	7						0.0
S11	S13	LT	190						13.5
S12	S15	RT	185						0.0
S4	S6	LT		137					7.9
S13	S15	LT TO RT			40				5.1
S15	S17	RT			29				0.5
S7	S6	LT				39			3.9
S6	S8	LT TO RT					38		59.7
S8	S9	RT					28		3.2
S10	S11	LT						42	0.0
		TOTAL:	462	137	69	39	66	42	97

NOTE: SEE PIPE CULVERTS TABLE (SHEET 15) FOR ADDITIONAL TRENCH BACKFILL.

PIPE CULVERT REMOVAL			PIPE CULVERT REMOVAL
			50105220
STATION TO STATION		O/S	FOOT
149+05.63	149+77.97	LT	72
152+25.26	152+67.51	LT	44
152+36.03	152+89.91	RT	52
		TOTAL:	168

STORM STRUCTURES TO BE ADJUSTED			EXISTING ELEVATION	PROPOSED ELEVATION	DIFF. +/-
STATION	O/S				FOOT
136+91.82	22.1'	LT	681.57'	682.01'	0.44
138+12.03	24.1'	RT	684.21'	683.78'	-0.43
				TOTAL:	0.01

INLET AND PIPE PROTECTION					
28000500					
MAXWELL ROAD			STATION	O/S	EACH
STATION	O/S	EACH	152+35.04	41.3' RT	1
136+91.82	22.1' LT	1	152+90.90	40.3' RT	1
136+92.18	29.3' LT	1	152+24.34	52.2' LT	1
138+12.03	24.1' RT	1	152+69.05	49.5' LT	1
140+23.77	22.6' RT	1	153+34.33	21.6' LT	1
140+25.09	21.8' LT	1	153+34.82	21.6' RT	1
140+64.15	19.2' RT	1	153+76.57	22.6' LT	1
140+67.83	17.8' LT	1	FAUBER ROAD		
140+66.86	57.6' LT	1	87+40.57	16.0' RT	1
149+23.56	62.4' LT	1	87+25.44	42.5' LT	1
149+48.78	62.8' LT	1	87+36.22	25.1' LT	1
151+40.08	20.0' RT	1	87+33.27	45.4' LT	1
151+46.83	20.0' RT	1	87+44.03	25.6' LT	1
151+40.97	19.1' LT	1	TOTAL:		26
151+46.82	20.0' LT	1			

SANITARY MANHOLES TO BE ADJUSTED				
STATION	O/S	EX. ELEV	PR. ELEV	DIFF
139+33.58	76.6' LT	684.3	687.06	2.76

GAS VALVES TO BE ADJUSTED		
STATION	O/S	EACH
154+44.17	29.7' RT	1
154+75.18	51.5' RT	1

WATER VALVES TO BE ADJUSTED		
STATION	O/S	EACH
87+60.90	32.7' RT	1
137+85.92	54.9' LT	1
154+54.80	50.5' RT	1

THE TABLES PROVIDED ON THESE SHEETS IDENTIFY UTILITEIS WHICH APPEAR TO REQUIRE RELOCATION OR ADJUSTMENT BASED ON THE INFORMATION PROVIDED IN THESE DRAWINGS. THE CONTRACTOR AND UTILITY COMPANIES SHALL BE RESPONSIBLE TAKE STEPS NECESSARY TO CHANGE THE EXISTING UTILITIES. ALL UTILITIES SHALL BE ADJUSTED BY THE UTILITY COMPANIES UNLESS OTHERWISE NOTED.

THE CONTRACTOR MUST CONTACT J.U.L.I.E. AT LEAST 48 HOURS BEFORE EXCAVATING ANY MATERIAL OR BORING OPERATIONS. THE FOLLOWING UTILITY COMPANIES HAVE BEEN CONTACTED AND THEIR EXISTING FACILITIES ARE SHOWN ON THESE PLANS BASED ON RECORD DRAWINGS AND FIELD SURVEYS.

AMEREN ILLINOIS; NATHAN HILL (618-301-5327)
AT&T; HEATHER BENDER (HF3767@ATT.COM)
I3 BROADBAND; ENGINEERING OFFICE (309-670-0400)
COMCAST; MARK WABEL (MARK_WABEL@COMCAST.COM)
GREATER PEORIA SANITARY DISTRICT; ARTHUR ARMSTRONG (309-272-4846)
IL AMERICAN WATER; TRIP BARTON (309-566-4148)
BLUEBIRD NETWORK; JAMIE SCOTT (314-220-8996)
CITY OF PEORIA; ALYSSA BURNETT (309-494-8822)

UTILITY POLES TO BE ADJUSTED				
STATION	O/S	EX. ELEV	PR. ELEV	DIFF
87+53.10	39.0' RT	685.16	685.2	0.04

ABOVE GROUND UTILITIES TO BE ADJUSTED				
STATION	O/S	EX. ELEV	PR. ELEV	OWNER
87+56.03	39.8' RT	684.8	684.8	AMEREN
138+31.95	47.6' LT	684.4	684.2	AMERITECH

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CMT
License No. 184-000613

USER NAME	= lsyedsaad	DESIGNED - ZMS	REVISED -
		DRAWN - ZMS	REVISED -
PLOT SCALE	= 0.16666633 ' / in.	CHECKED - CJW	REVISED -
PLOT DATE	= 9/8/2023	DATE - AUG 2023	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

QUANTITY SCHEDULES
MAXWELL ROAD BRIDGE REHABILITATION

SCALE: | SHEET 2 OF 5 SHEETS | STA. ___+__.__ | TO STA. ___+__.__

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6577	19-00115-00-BR	PEORIA	99	12
		CONTRACT NO.89815		
	ILLINOIS	FED. AID PROJECT		

TEMPORARY PAVEMENT MARKING SCHEDULES

STATION TO STATION		O/S	COLOR	TYPE	TEMPORARY PAVEMENT MARKING LETTERS AND SYMBOLS - TYPE III TAPE 70306100 SQ FT	TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE III TAPE 70306120 FOOT	TEMPORARY PAVEMENT MARKING - LINE 24" - TYPE III TAPE 70306210 FOOT
196+65.99		RT	WHITE	THRU	12.8		
196+76.82		LT	WHITE	THRU	12.8		
199+26.00		LT	WHITE	LT TURN/THRU	21.5		
199+35.41		LT	WHITE	THRU	12.8		
200+65.06		LT	WHITE	THRU	12.8		
201+05.16		LT	WHITE	THRU	12.8		
204+30.33		RT	WHITE	THRU	12.8		
204+39.30		LT	WHITE	THRU	12.8		
204+65.02		LT	WHITE	LT TURN	8.8		
204+79+71		LT	WHITE	LT TURN	8.8		
200+83.08	204+11.28	LT	WHITE	SOLID		328.2	
200+83.08	201+75.43	LT	WHITE	SOLID		92.3	
152+45.50	153+95.60	RT	WHITE	SOLID		156.2	
North Maxwell (After IL 116)		-	WHITE	SOLID		114.9	
200+81.81		LT	WHITE	STOP BAR			10.0
				TOTAL:	129	692	10

PAVEMENT MARKING SCHEDULE

LOCATION		COLOR	TYPE	MODIFIED URETHANE PAVEMENT MARKING - LETTERS AND SYMBOLS 78009000 SQ FT	MODIFIED URETHANE PAVEMENT MARKING - LINE 4" 78009004 FOOT	MODIFIED URETHANE PAVEMENT MARKING - LINE 8" 78009008 FOOT	MODIFIED URETHANE PAVEMENT MARKING - LINE 12" 78009012 FOOT	MODIFIED URETHANE PAVEMENT MARKING - LINE 24" 78009024 FOOT
STATION TO STATION	O/S							
138+11.96	CENTER	WHITE	2-WAY LT TURN	18.0				
153+16.48	CENTER	WHITE	LT TURN	9.0				
153+96.50	CENTER	WHITE	LT TURN	9.0				
154+76.50	CENTER	WHITE	LT TURN	9				
87+79.14	RIGHT	WHITE	STOP BAR					17.5
154+68.44	RIGHT	WHITE	STOP BAR					16.7
154+68.44	RIGHT	WHITE	STOP BAR					12
154+68.44	LEFT	WHITE	STOP BAR					16.9
154+68.44	RIGHT	WHITE	STOP BAR					11.9
85+30.00	87+78.88	CENTER	YELLOW	DOUBLE YELLOW		497.8		
134+30.00	137+00.00	CENTER	YELLOW	DOUBLE YELLOW		1080.0		
139+36.56	154+94.24	CENTER	YELLOW	DOUBLE YELLOW		5111.1		
136+00.00	137+00.00	LEFT & RIGHT	WHITE	SOLID WHITE		150.6		
140+00.00	149+16.30	LEFT & RIGHT	WHITE	SOLID WHITE		1833.2		
153+40.00	154+60.70	LEFT & RIGHT	WHITE	SOLID WHITE		468.4		
137+00.00	138+45.62	LEFT & RIGHT	YELLOW	SOLID YELLOW		371.2		
154+42.47	155+15.90	RIGHT	WHITE	SOLID WHITE			236	
154+53.28	155+37.67	LEFT	WHITE	SOLID WHITE			282	
153+09.00	155+00.07	RIGHT	WHITE	SOLID WHITE			191	
86+62.11	87+92.70	LEFT	WHITE	SOLID WHITE			148	
154+53.58	155+09.24	RIGHT	WHITE	SOLID WHITE				122
154+62.91	155+37.67	LEFT	WHITE	SOLID WHITE				126
134+30.00	142+19.04	LEFT TO RIGHT	YELLOW	SOLID YELLOW				282
146+97.66	152+66.92	LEFT TO RIGHT	YELLOW	SOLID YELLOW				632
				TOTAL:	45	9512	857	1162	75

SIGN SCHEDULE

LOCATION				REMOVE SIGN PANEL - TYPE 1 72400310 SQ FT	SIGN PANEL - TYPE 1 72000100 SQ FT	TELESCOPING STEEL SIGN SUPPORT 72800100 FOOT	OBJECT MARKER - TYPE 3 72500300 EACH
STATION	O/S	TYPE					
87+77.82	24.5' RT	STOP	R1-1		6.3	16.0	
87+77.82	24.5' RT	STREET NAME	D3-1		4.5		
87+77.82	24.5' RT	STREET NAME	D3-1		4.0		
138+84.90	23.5' RT	TWO-DIRECT LG ARROW	W1-7		8.0	16.0	
140+74.00	22.0' LT	HORIZONTAL ALIGN	W1-2R		6.3	16.0	
142+00.00	20.2' LT	SPEED LIMIT	R2-1		5.0	16.0	
148+73.36	23.6' RT	SIGNAL AHEAD	W3-3		6.3	16.0	
153+39.85	28.8' LT	COUNTY ROUTE	M1-6		4	16.0	
153+39.85	28.8' LT	SOUTH	M3-3		2		
153+75.44	29.3' LT	TRUCK ROUTE	R14-1		3	16	
153+94.88	30.8' LT	OBJECT MARKERS	OM3-R			16	1
154+11.36	33.6' LT	OBJECT MARKERS	OM3-R			16	1
154+27.85	36.3' LT	OBJECT MARKERS	OM3-R			16	1
87+76.97	25.4' LT	STREET NAME	D3-1	4			
87+76.97	25.4' LT	STREET NAME	D3-1	4.5			
87+76.97	50.9' RT	STOP	R1-1	6.3			
140+74.15	23.0' LT	Horizontal Alignment	W1-2R	6.3			
141+81.94	21.0' RT	OBJECT MARKERS	OM-3R	3.0			
142+95.24	18.7' LT	OBJECT MARKERS	OM-3L	3.0			
142+28.67	22.6' LT	SPEED LIMIT	R2-1	5.0			
148+66.85	24.2' RT	SIGNAL AHEAD	W3-3	6.3			
153+39.85	28.8' LT	COUNTY ROUTE	M1-6	4.0			
153+39.86	28.8' LT	SOUTH	M3-3	2.0			
153+75.44	29.3' LT	TRUCK ROUTE	R14-1	3			
153+94.88	30.8' LT	CHEVRON ALIGNMENT	W1-8	3			
154+11.36	33.6' LT	CHEVRON ALIGNMENT	W1-8	3.0			
154+27.85	36.3' LT	CHEVRON ALIGNMENT	W1-8	3.0			
			TOTAL:	56	49	160	3

MAILBOX RELOCATION SCHEDULE

LOCATION		RELOCATE EXISTING MAILBOX X0327301 EACH
STATION	O/S	
149+19.60	24.9' LT	1.0
	TOTAL:	1.0

MODEL: Schedules - Copy-2 [Sheet]
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CMT
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

QUANTITY SCHEDULES
MAXWELL ROAD BRIDGE REHABILITATION

SCALE: | SHEET 3 OF 5 SHEETS | STA. ___+__.__ | TO STA. ___+__.__

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6577	19-00115-00-BR	PEORIA	99	13
		CONTRACT NO.89815		
	ILLINOIS	FED. AID PROJECT		

DRIVEWAY SCHEDULE		INCIDENTAL HOT-MIX ASPHALT SURFACING	PCC DRIVEWAY PAVEMENT, 8"	SUBBASE GRANULAR MAT., TY B, 4"	AGGREGATE FOR TEMPORARY ACCESS	DRIVEWAY PAVEMENT REMOVAL
LOCATION		40800050	42300400	31101200	40201000	44000200
STATION	O/S	TON	SQ YD	SQ YD	TON	SQ YD
149+44.72	LT	34		148.3	101.3	115.3
152+46.60	LT		112.3	119.1	90.6	0
152+64.86	RT		129.4	132.6	283.7	126.9
TOTAL:		34	242	400	476	242

SURFACE REMOVALS			PAVEMENT REMOVAL	HOT-MIX ASPHALT SURFACE REMOVAL, 2"
LOCATION			44000100	44000157
STATION TO STATION		O/S	SQ YD	SQ YD
MAXWELL ROAD				
136+00.00	142+46.36	LT/RT	2941.3	
146+18.46	153+40.00	LT/RT	3134.6	
153+40.00	155+23.12	LT/RT		1744.6
FAUBER				
85+30.00		LT/RT	847.55	
TOTAL:			6923	1745

EARTHWORK SCHEDULE		SUBBASE GRAN. MAT. TY A, 4"	AGGREGATE SUBGRADE IMPROVEMENT, 12"
		31100300	30300112
STATION TO STATION		SQYD	SQYD
137+00.00	140+00.00	2758.4	2758.4
140+00.00	142+31.36	999.7	999.7
146+19.53	153+40.00	3313.8	3313.8
153+40.00	153+81.53	12.0	
TOTAL:		7084	7072

TEMPORARY PAVEMENT SCHEDULUE			TEMPORARY PAVEMENT
			Z0062456
STATION TO STATION		O/S	SQ YD
136+00.00	136+50.00	RT	130.9
136+50.00	137+00.00	Both	254.4
137+00.00	138+00.00	RT	104.5
		SUB TOTAL:	489.8
		TOTAL:	490.0

CURB AND GUTTER REMOVAL			COMBINATION CURB AND GUTTER REMOVAL
LOCATION			44000500
STATION TO STATION		O/S	FOOT
136+50.00	138+65.85	LT	242.0
136+00.00	142+32.61	RT	636.0
138+96.49	142+97.37	LT	430.1
153+26.79	153+40.57	RT	14.0
153+06.45	153+81.51	LT	80.7
		TOTAL:	1403

DETECTOR LOOPS SCHEDULE			DETECTOR LOOP, TYPE 1
			88600100
STATION TO STATION		LANE	FOOT
154+55.90	155+05.90	THRU	162.0
154+87.44	154+90.00	LEAD-IN	21.3
154+45.90	155+95.90	LT TURN	162.0
154+45.90	154+90.00	LEAD-IN	63.6
154+60.42	154+72.88	RT TURN	34.0
154+72.88	154+90.00	LEAD-IN	27.6
155+04.27	155+14.74	RT TURN	32.0
155+14.74	155+29.79	LEAD-IN	17.0
155+37.67	155+29.79	LEAD-IN	11.0
		SUB TOTAL:	530.5
		TOTAL:	531

CURB AND GUTTER SCHEDULE			COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24 (DEPRESSED)	CONCRETE CURB, TYPE B
LOCATION			60605000	60605000	60600605
STATION TO STATION		O/S	FOOT	FOOT	FOOT
136+00.00	136+50.00	RT			50.2
136+50.00	137+00.00	RT			51.5
137+00.00	138+00.00	RT			100.3
136+50.00	137+00.00	LT			49.3
138+00.00	138+85.07	RT	85.46		
138+85.07	140+00.02	RT	114.9		
140+00.02	141+53.79	RT	153.8		
141+53.79	142+14.72	RT	61		
137+00.00	137+15.90	LT	15.7		
137+15.90	138+33.61	LT	117.7		
139+93.88	140+00.00	LT	6.1		
140+00.00	141+53.77	LT	153.8		
141+53.77	142+78.01	LT	124.3		
145+86.81	146+46.28	RT	59.5		
146+46.28	148+00.03	RT	153.8		
148+00.03	151+53.39	RT	353.4		
151+53.39	152+50.00	RT	95.3		
152+50.00	153+39.96	RT	88.8		
146+50.27	148+00.03	LT	149.8		
148+00.03	151+53.39	LT	353.3		
151+53.39	152+49.98	LT	97.9		
152+49.98	153+39.94	LT	91.3		
153+39.94	153+62.64	LT	22.8		
153+62.64	153+81.52	LT	18.9		
139+59.27	139+93.88	LT		34.6	
FAUBER ROAD					
85+30.00	85+90.00	RT	60		
85+90.00	86+90.46	RT	100.5		
86+90.46	87+62.95	RT	78.3		
87+62.95	87+93.33	RT	54.2		
85+30.00	85+90.00	LT	60		
85+90.00	86+07.90	LT	17.9		
86+07.90	87+19.39	LT	110.2		
87+19.39	87+92.75	LT	82.9		
87+92.75	87+93.33	LT	8.2		
86+07.90	86+41.51	LT		33.6	
86+41.51	86+51.56	LT		10.1	
86+51.56	87+30.90	LT		73.3	
87+30.90	87+52.86	LT		81.2	
		SUB TOTAL:	2890	233	251.3
		TOTAL:	3123		251

MODEL: Schedules - Copy-3 [Sheet]
FILE NAME: L:\Peoria\CO\21001201-01_MaxwellRdBrEdge\120101\Roadway\Sheets\Maxwell_Schedules.dgn

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PLOT DATE = 9/8/2023	DATE - AUG 2023	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

QUANTITY SCHEDULES
MAXWELL ROAD BRIDGE REHABILITATION

SCALE: | SHEET 4 OF 5 SHEETS | STA. ___+__.__ | TO STA. ___+__.__

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6577	19-00115-00-BR	PEORIA	99	14
		CONTRACT NO.89815		
	ILLINOIS	FED. AID PROJECT		

GUARDRAIL SCHEDULE				GUARDRAIL REMOVAL	STEEL PL BEAM GUARDRAIL - TY A, 6 FT POSTS	TERMINAL MARKER - DIRECT APPLIED	TRAFFIC BARRIER TERM, TY 1 (SPECIAL)	TRAFFIC BARRIER TERM, TY 2	TRAFFIC BARRIER TERM, TY 6
LOCATION				63200310	63000001	72501000	63100167	63100045	63100085
STATION TO STATION		O/S		FOOT	FOOT	EACH	EACH	EACH	EACH
141+41.06	142+32.76	18.7' RT	17.2' RT	91.7					
145+65.54	149+62.28	16.7' RT	23.0' RT	397.1					
146+30.46	149+14.64	17.6' LT	22.6' LT	284.6					
140+35.99	141+92.21	19.8' RT	17.2' RT		156.3				
142+49.26	142+55.51	17.2' LT	17.2' LT		6.3				
146+09.31	147+29.38	17.2' RT	19.0' RT		120.1				
146+72.60	148+35.08	17.8' LT	20.6' LT		162.5				
139+98.66		22.5' RT				1			
142+36.84		18.2' LT				1			
147+41.76		20.4' RT				1			
148+72.45		22.6' LT				1			
139+98.66	140+35.99	22.5' RT	19.8' RT				1		
148+35.08	148+72.45	20.6' RT	22.6' RT				1		
142+36.84	142+49.26	18.2' LT	17.2' LT					1	
147+29.38	147+41.76	19.0' RT	20.4' RT					1	
141+92.21	142+29.72	17.2' RT	17.1' RT						1
142+55.51	142+93.01	17.2' LT	17.2' LT						1
145+71.81	146+09.31	17.5' RT	17.2' RT						1
146+35.10	146+72.60	17.3' LT	17.8' LT						1
			TOTAL:	775	450	4	2	2	4

ID NO.	DRAINAGE STRUCTURE	FRAM & GRATE TYPE	FLAT SLAB (YES OR NO)	STATION	OFFSET		RIM ELEV.	STR. INVERT
S1	INLET TYPE G-1 SP	STD 604001-D4	NO	87+40.63	16.0'	RT	684.60	680.79
S2	MANHOLE TYPE A, 4' DIA	TY 23	YES	87+36.22	25.0'	LT	684.50	681.39
S3	INLET TYPE A	TY 23	NO	87+43.83	26.3'	LT	684.52	682.50
S4	INLET TYPE G-1 DOUBLE SP	STD 604001-D4	NO	87+33.34	45.4'	LT	684.20	678.55
S5	INLET TYPE G-1 DOUBLE SP	STD 604001-D4	NO	87+25.50	42.5	LT	684.20	682.20
S6	INLET-MANHOLE TY G-1, 5' DIA	STD 604001-D4	YES	140+65.41	18.5'	LT	691.43	677.12
S7	MANHOLE TY A, 4' DIA	TY 37	YES	140+66.70	55.6'	LT	679.31	677.31
S8	INLET-MANHOLE TY G-1, 5' DIA	STD 604001-D5	YES	140+64.15	19.2'	LT	691.33	679.43
S9	PRECAST FES 18"	-	-	140+62.78	59.0'	LT	-	679.00
S10	INLET TYPE G-1 SP	STD 604001-D4	NO	153+76.50	22.6'	LT	701.62	699.62
S11	INLET TYPE G-1 SP	STD 604001-D4	NO	153+34.75	21.6'	LT	701.15	698.15
S12	INLET TYPE G-1 SP	STD 604001-D4	NO	153+34.26	21.6'	RT	701.14	699.14
S13	INLET TYPE G-1 DOUBLE SP	STD 604001-D4	NO	151+46.89	20.0'	LT	699.59	695.74
S14	INLET TYPE G-1 DOUBLE SP	STD 604001-D4	NO	151+40.14	20.0'	LT	699.59	697.59
S15	INLET TYPE G-1 DOUBLE SP	STD 604001-D4	NO	151+46.89	20.0'	RT	699.59	694.59
S16	INLET TYPE G-1 DOUBLE SP	STD 604001-D4	NO	151+40.14	20.0'	RT	699.59	697.59
S17	PRECAST FES 15"	-	-	151+46.66	49.4'	RT	-	698.04
S18	PRECAST FES 24"	-	-	152+36.03	41.3'	RT	-	695.98
S19	PRECAST FES 24"	-	-	152+89.91	40.3'	RT	-	696.64
S20	PRECAST FES 18"	-	-	152+25.26	52.3'	LT	-	695.10
S21	PRECAST FES 18"	-	-	152+68.12	49.6'	LT	-	696.13
S22	PRECAST FES 30"	-	-	149+05.63	62.0'	LT	-	691.08
S23	PRECAST FES 30"	-	-	149+77.97	63.3'	LT	-	691.56

PIPE UNDERDRAIN SCHEDULE			PIPE UNDERDRAINS, TYPE 3
LOCATION			60108501
STATION TO STATION		O/S	FOOT
137+00.00	138+73.20	LT	171.5
138+30.00	142+44.72	RT	417.3
139+14.67	142+44.72	LT	331.1
146+20.10	153+40.00	RT	719.2
146+20.10	153+40.00	LT	722.4
85+30.00	87+92.25	RT	283.2
85+30.00	86+41.51	LT	111.5
86+41.44	87+92.28	LT	158.9
		SUB TOTAL:	2915.1
		TOTAL:	2915

PIPE CULVERTS				PIPE CULVERTS CLASS A, TYPE 1, 18"	PIPE CULVERTS, CLASS A, TYPE 1, 24"	PIPE CULVERTS, CLASS A, TYPE 1, 30"	TRENCH BACKFILL
				542A0223	542A0229	542A0235	20800150
STRUCTURE TO STRUCTURE		O/S	O/S	FOOT	FOOT	FOOT	CU YD
S23	S22	63.3' LT	62.0' LT			72	1.6
S21	S20	52.3' LT	49.6' LT	44			6.0
S19	S18	41.3' RT	40.3' RT		52		0
			SUB TOTAL:	44	52	72	7.6
			TOTAL:				8

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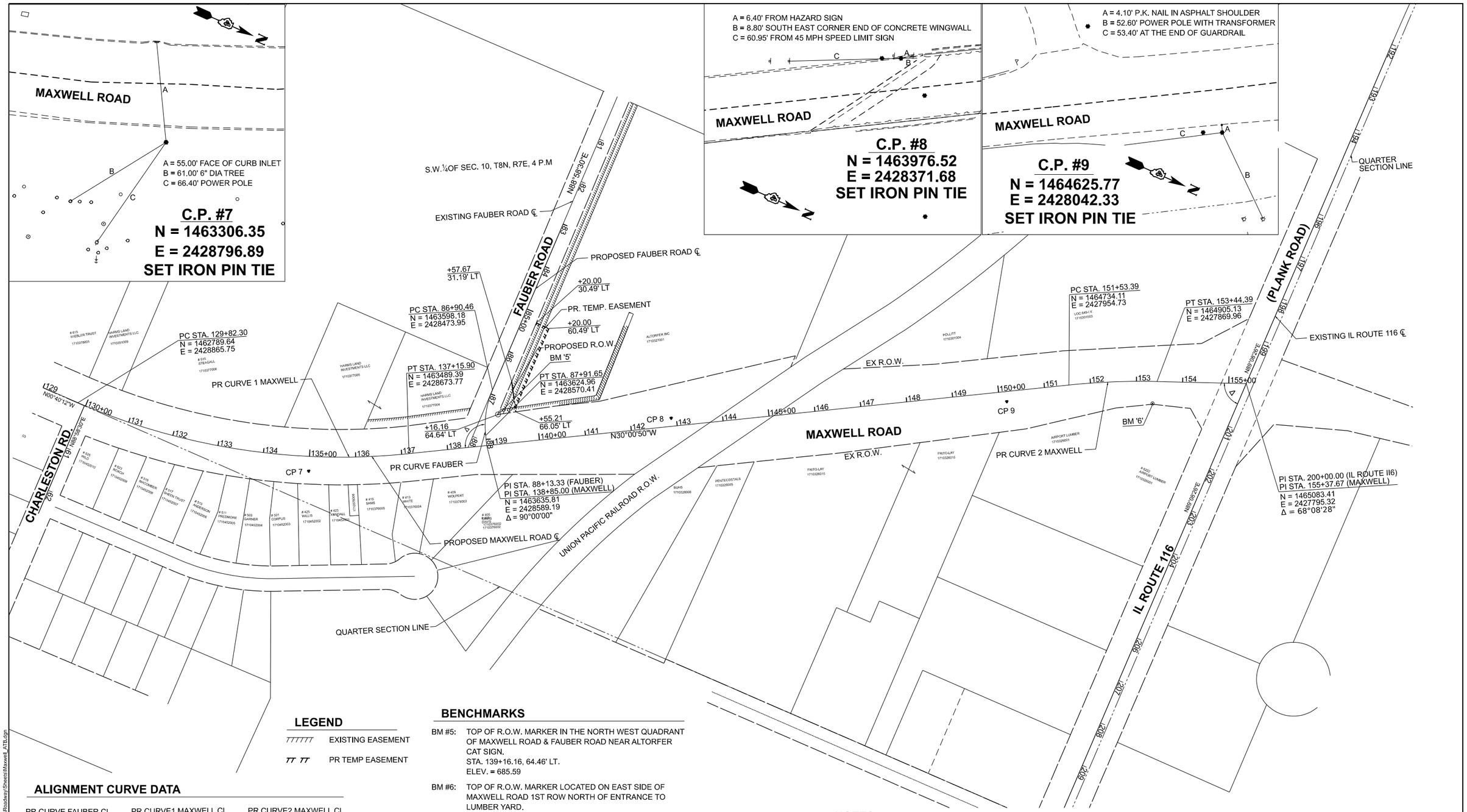
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

QUANTITY SCHEDULES
MAXWELL ROAD BRIDGE REHABILITATION

SCALE: | SHEET 5 OF 5 SHEETS | STA. ___+__.__ | TO STA. ___+__.__

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6577	19-00115-00-BR	PEORIA	99	15
		CONTRACT NO. 89815		
	ILLINOIS FED. AID PROJECT			



LEGEND

EXISTING EASEMENT

PR TEMP EASEMENT

ALIGNMENT CURVE DATA

PR CURVE FAUBER CL	PR CURVE1 MAXWELL CL	PR CURVE2 MAXWELL CL
PI STA = 87+42.16	PI STA = 133+57.33	PI STA = 152+49.02
Δ = 28°59'20" (LT)	Δ = 29°20'39" (LT)	Δ = 07°17'44" (RT)
D = 28°38'52"	D = 04°00'00"	D = 03°49'11"
R = 200.00'	R = 1,432.39'	R = 1,500.00'
T = 51.70'	T = 375.03'	T = 95.63'
L = 101.19'	L = 733.60'	L = 191.00
E = 6.57'	E = 48.28'	E = 3.05'
e = N.C.	e = N.C.	e = N.C.
PC STA = 86+90.46	PC STA = 129+82.30	PC STA = 151+53.39
PT STA = 87+91.65	PT STA = 137+15.90	PT STA = 153+44.39

BENCHMARKS

BM #5: TOP OF R.O.W. MARKER IN THE NORTH WEST QUADRANT OF MAXWELL ROAD & FAUBER ROAD NEAR ALTORFER CAT SIGN.
STA. 139+16.16, 64.46' LT.
ELEV. = 685.59

BM #6: TOP OF R.O.W. MARKER LOCATED ON EAST SIDE OF MAXWELL ROAD 1ST ROW NORTH OF ENTRANCE TO LUMBER YARD.
STA. 153+35.61, 47.71' RT
ELEV. = 702.63

CONTROL POINTS

NO.	DESCRIPTION	NORTHING	EASTING	STATION	OFFSET
CP 7	IRON PIN	1463306.35	2428796.89	134+99.77	31.69' RT
CP 8	IRON PIN	1463976.52	2428371.68	142+87.89	17.55' LT
CP 9	IRON PIN	1464625.77	2428042.33	150+15.75	21.66' RT

NOTES:

1. ALL PROJECT BENCHMARKS AND CONTROL POINTS SHOULD BE FIELD CHECKED FOR POSSIBLE DISTURBANCE PRIOR TO UTILIZING THEM FOR STAKING PURPOSES.
2. IT IS THE CONTRACTOR'S RESPONSIBILITY TO CONFIRM THE COORDINATES BASED ON THE DIMENSIONS SHOWN ON THE PLANS.
3. THE CONTRACTOR IS RESPONSIBLE FOR COORDINATING THIS DRAWING WITH THE OTHER DRAWINGS THAT CONTAIN DIMENSIONS TO ENSURE THAT THE PLAN DIMENSIONS ARE CONSISTENT WITH THE COORDINATES PRESENTED ON THE PLAN. FOLLOWING STAKEOUT OF ANY FACILITY BY COORDINATES, THE CONTACTOR SHALL CONFIRM CONSISTENCY WITH THE PLAN DIMENSIONS PRIOR TO CONSTRUCTION.

0 100 200 300
SCALE IN FEET

MODEL: Maxwell_ATB-1 - Plan 1 [Sheet]
FILE NAME: L:\Peoria\CO\21001201-01_Maxwell\Rdlt\dgn\121011RoadAway\Sheets\Maxwell_ATB.dgn

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

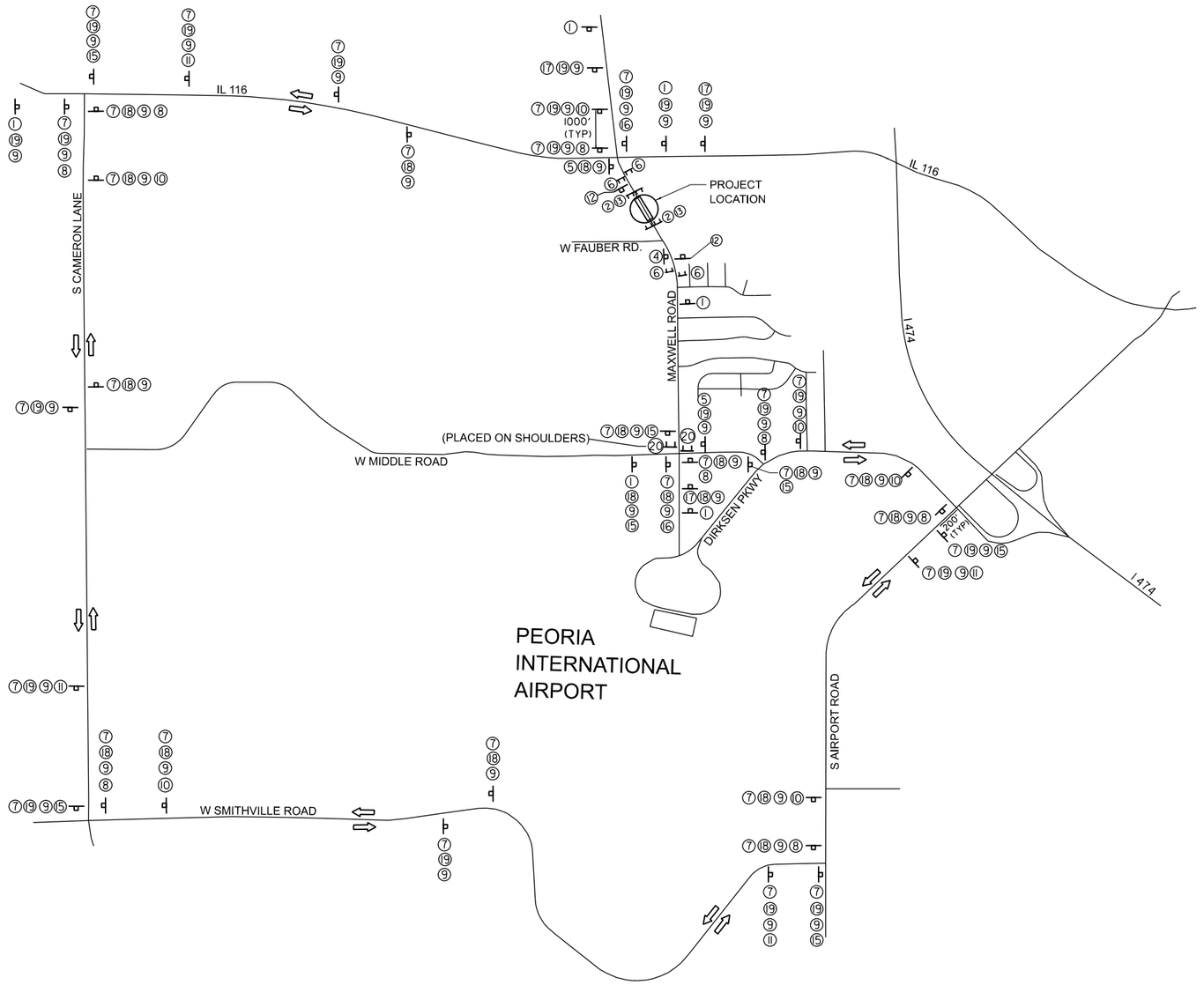
ALIGNMENT, TIES & BENCHMARKS
MAXWELL ROAD BRIDGE REHABILITATION

SCALE: 1"=100' | SHEET 1 OF 1 SHEETS | STA. | TO STA.

F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6577	19-00115-00-BR	PEORIA	99	16
		CONTRACT NO. 89815		
	ILLINOIS	FED. AID PROJECT		

N

NOT TO SCALE



LEGEND

ROAD CLOSED AHEAD	ROAD CLOSED	DETOUR	DETOUR	END DETOUR
① W20-3 48" x 48"	② R11-2 48" x 30"	③ M4-10L 48" x 18"	④ M4-10R 48" x 18"	⑤ M4-8A 24" x 18"

ROAD CLOSED TO THRU TRAFFIC	DETOUR		MAXWELL ROAD		
⑥ R11-4 30" x 60"	⑦ M4-8 24" x 12"	⑧ M6-1R 21" x 15"	⑨ SPECIAL 36" x 24"	⑩ M5-1R 21" x 15"	⑪ M5-1L 21" x 15"

ROAD CLOSED 500 FT	BRIDGE OUT	DETOUR 1500 FT				DETOUR AHEAD
⑫ W20-3 48" x 48"	⑬ W42-3 48" x 48"	⑭ W20-2 48" x 48"	⑮ M6-1L 21" x 15"	⑯ M6-3 21" x 15"		⑰ W20-2 48" x 48"

NORTH	SOUTH	ROAD CLOSED 1 MILE AHEAD LOCAL TRAFFIC ONLY
⑱ M3-1 24" x 12"	⑲ M3-3 24" x 12"	⑳ R11-3A 60" x 30"

NOTE:

TYPE III BARRICADES SHALL BE PLACED ACROSS THE ROAD AT EACH END OF THE BRIDGE CONSTRUCTION LIMITS TO PREVENT VEHICLES FROM ENTERING THE WORK ZONE. THE "BRIDGE OUT" SIGN SHALL BE MOUNTED ON THE TYPE III BARRICADES. THE CONTRACTOR SHALL PROVIDE SAFE ACCESS TO PROPERTIES NEAR TO, AND WITHIN, THE CONSTRUCTION LIMITS. THE CONTRACTOR SHALL ALSO RELOCATE THE EXISTING MAILBOXES NOTED ON THE PLAN SHEETS TO ALLOW FOR MAIL DELIVERY DURING CONSTRUCTION AND UPON COMPLETION OF THE IMPROVEMENTS.

CHANGEABLE MESSAGE SIGN SHALL BE PLACED ON IL 116 WEST OF MAXWELL ROAD.

TEMPORARY SIGN ASSEMBLY

TYPE III BARRICADE

MODEL: Maxwell_Detour Plan [Sheet]
FILE NAME: L:\Peoria\CO\21001201-01_Maxwell\BrBRidge\21001201RoadwaySheets\Maxwell_Detour Plan.dgn

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DETOUR PLAN
MAXWELL ROAD BRIDGE REHABILITATION

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

F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6577	19-00115-00-BR	PEORIA	99	17
		CONTRACT NO. 89815		
		ILLINOIS	FED. AID PROJECT	

MAXWELL ROAD EXISTING PAVEMENT CORES					
CORE NUMBER	STATION	OFFSET	ASPHALT THICKNESS (INCHES)	CONCRETE THICKNESS (INCHES)	AGG BASE THICKNESS (INCHES)
B-1	136+00	5' RT	NONE	8	28
B-2	139+50	5' LT	9	NONE	NONE

BEGIN FULL DEPTH PAVEMENT REMOVAL, STA. 85+30.00

EXISTING PARKING LOT TO REMAIN

0 20 40 60
SCALE IN FEET

PR TEMP EASEMENT

EXISTING EASEMENT

LEGEND

- PAVEMENT REMOVAL (FULL DEPTH)
- HMA SURFACE REMOVAL
- DRIVEWAY PAVEMENT REMOVAL
- CURB REMOVAL/ COMB. CURB & GUTTER REMOVAL
- R — ITEMS TO BE REMOVED
- REL — ITEMS TO BE RELOCATED
- ADJ — ITEMS TO BE ADJUSTED
- B-1 — PAVEMENT CORE LOCATION (SEE THIS SHEET FOR TABLE)

HARMS LAND INVESTMENTS LLC
1710377004

EXISTING SIGN TO REMAIN

ALTORFER INC
1710327001

SITE 13

FAUBER ROAD

EXISTING EASEMENT

BEGIN FULL DEPTH PAVEMENT REMOVAL (FULL WIDTH), STA. 136+50.00

EX ROW

PR. FAUBER ROAD ℄

EXISTING COMB. CURB AND GUTTER REMOVAL, 430 LF

LIMITS OF CONSTRUCTION

EXISTING COMB. CURB AND GUTTER REMOVAL, 242 LF

15" RCP

24" CMP

PR. MAXWELL ROAD ℄

MAXWELL ROAD

136 137 138 139 140+00 141

B-1 B-2

REMOVE EXISTING 12" SS, 44.5 LF

REMOVE EXISTING 24" SS, 115.9 LF

EXISTING GUARDRAIL REMOVAL, 93 LF

BEGIN FULL DEPTH PAVEMENT REMOVAL (RT SIDE ONLY), STA. 136+00.00

EXISTING COMB. CURB AND GUTTER REMOVAL, 636 LF

REMOVE EXISTING 15" SS, 52.9 LF

15" CMP

LIMITS OF CONSTRUCTION

EX ROW

STA. 88+13.33 ℄ FAUBER RD = STA. 138+85.00 ℄ MAXWELL RD

MATCHLINE STA. 142+00.00

MODEL: Removal Plans - Plan 1 [Sheet]
FILE NAME: L:\Peoria\CO\21001201-01_Maxwell\RdBridge\120101RoadWay\Sheets\Maxwell_Removal Plan.dgn

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PLOT DATE = 9/8/2023	DATE - AUG 2023	REVISED -	

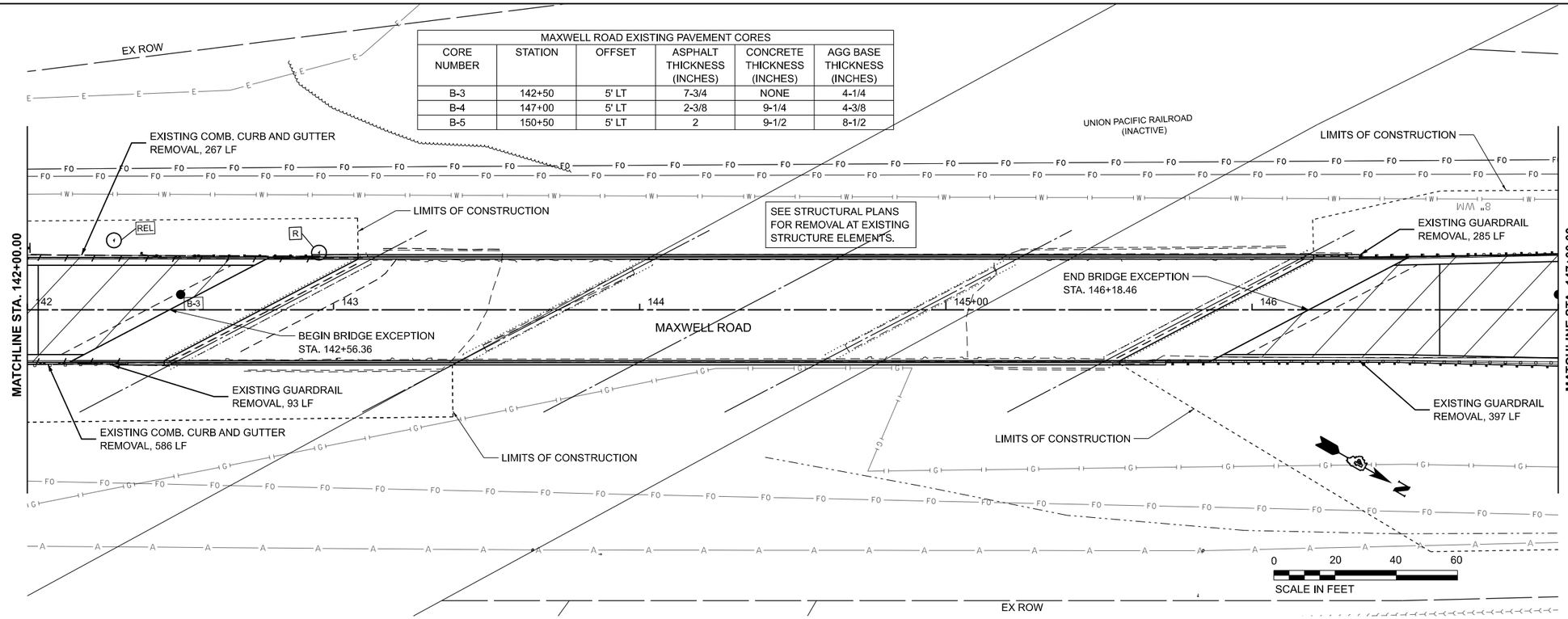
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

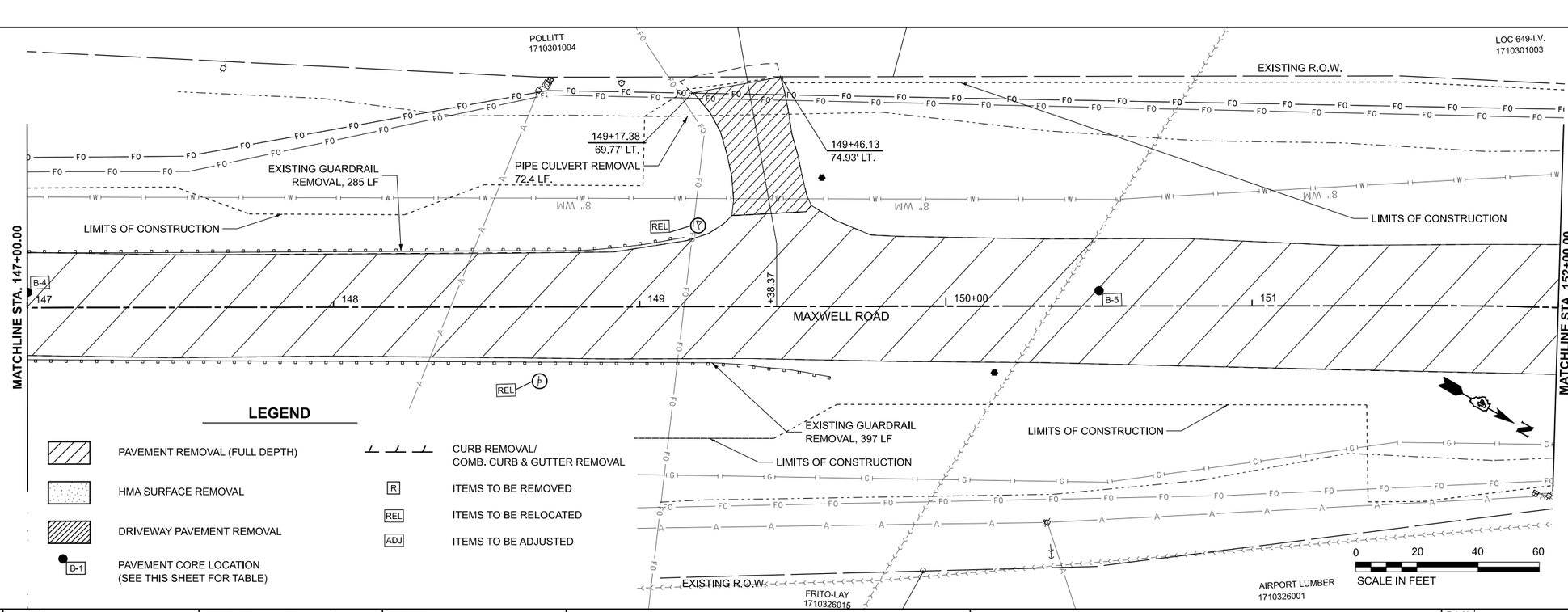
REMOVAL PLANS
MAXWELL ROAD BRIDGE REHABILITATION

SCALE: 1"=20' | SHEET 1 OF 3 SHEETS | STA. 137+00 TO STA. 142+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6577	19-00115-00-BR	PEORIA	99	18
		CONTRACT NO. 89815		
	ILLINOIS	FED. AID PROJECT		

MAXWELL ROAD EXISTING PAVEMENT CORES					
CORE NUMBER	STATION	OFFSET	ASPHALT THICKNESS (INCHES)	CONCRETE THICKNESS (INCHES)	AGG BASE THICKNESS (INCHES)
B-3	142+50	5' LT	7-3/4	NONE	4-1/4
B-4	147+00	5' LT	2-3/8	9-1/4	4-3/8
B-5	150+50	5' LT	2	9-1/2	8-1/2





LEGEND

- PAVEMENT REMOVAL (FULL DEPTH)
- HMA SURFACE REMOVAL
- DRIVEWAY PAVEMENT REMOVAL
- B-1 PAVEMENT CORE LOCATION (SEE THIS SHEET FOR TABLE)
- CURB REMOVAL/ COMB. CURB & GUTTER REMOVAL
- R ITEMS TO BE REMOVED
- REL ITEMS TO BE RELOCATED
- ADJ ITEMS TO BE ADJUSTED

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

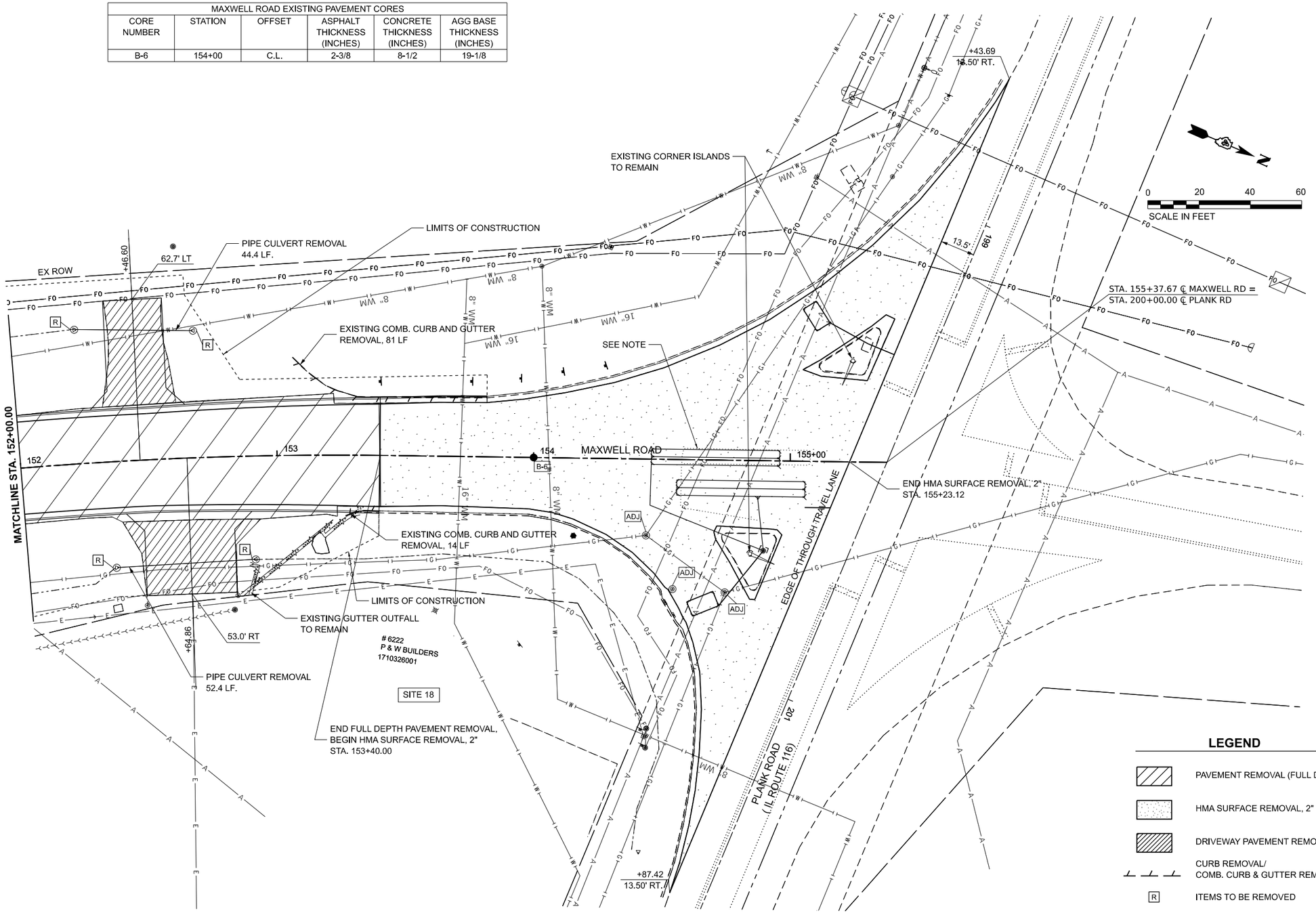
REMOVAL PLANS
MAXWELL ROAD BRIDGE REHABILITATION

SCALE: 1"=20' | SHEET 2 OF 3 SHEETS | STA. 142+00 | TO STA. 152+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6577	19-00115-00-BR	PEORIA	99	19
		CONTRACT NO. 89815		
		ILLINOIS	FED. AID PROJECT	

MODEL: Removal Plans - Plan 2 [Sheet]
FILE NAME: L:\Peoria\CO\21001201-01_Maxwell\RdBridge\21001201\Roadway\Sheets\Maxwell_Removal Plan.dgn

MAXWELL ROAD EXISTING PAVEMENT CORES					
CORE NUMBER	STATION	OFFSET	ASPHALT THICKNESS (INCHES)	CONCRETE THICKNESS (INCHES)	AGG BASE THICKNESS (INCHES)
B-6	154+00	C.L.	2-3/8	8-1/2	19-1/8



LEGEND

- PAVEMENT REMOVAL (FULL DEPTH)
- HMA SURFACE REMOVAL, 2"
- DRIVEWAY PAVEMENT REMOVAL
- CURB REMOVAL/ COMB. CURB & GUTTER REMOVAL
- R — ITEMS TO BE REMOVED
- REL — ITEMS TO BE RELOCATED
- ADJ — ITEMS TO BE ADJUSTED
- B-1 — PAVEMENT CORE LOCATION (SEE THIS SHEET FOR TABLE)

NOTE: EXISTING DETECTOR LOOPS TO BE FULLY REMOVED IF DAMAGED DURING HMA SURFACE REMOVAL

MODEL: Removal Plans - Plan 4 [Sheet]
FILE NAME: L:\Peoria\CO\21001201-01_MaxwellRdBridge\12101\Roadway\Sheets\Maxwell_Removal Plan.dgn

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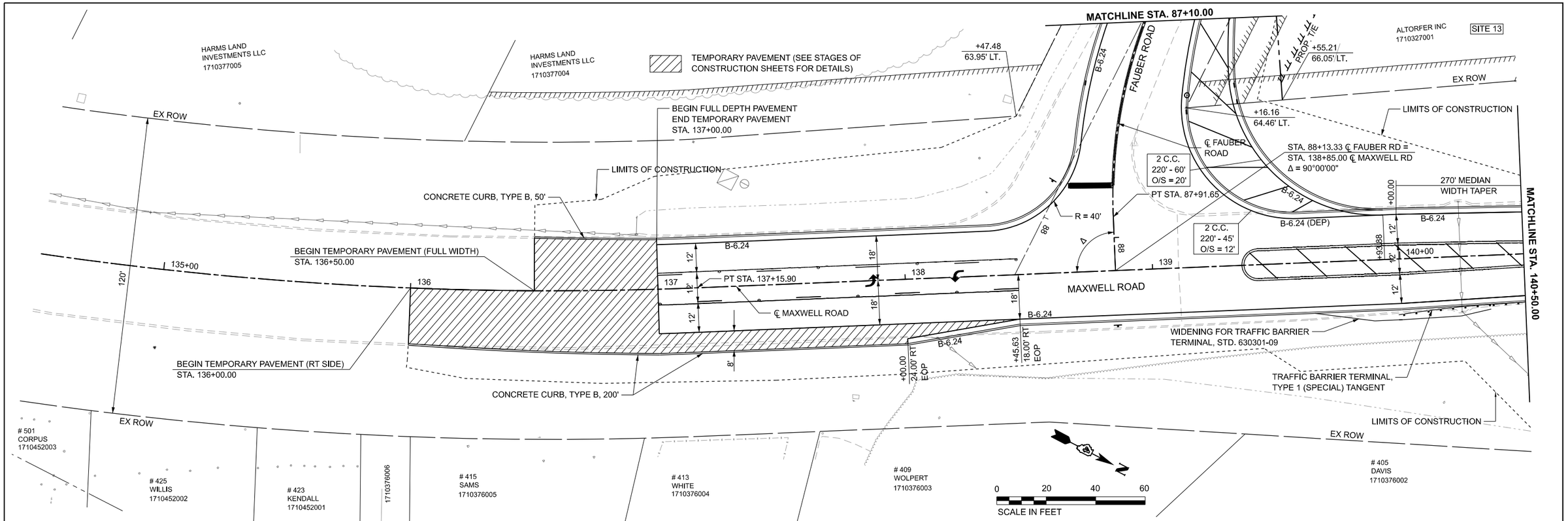
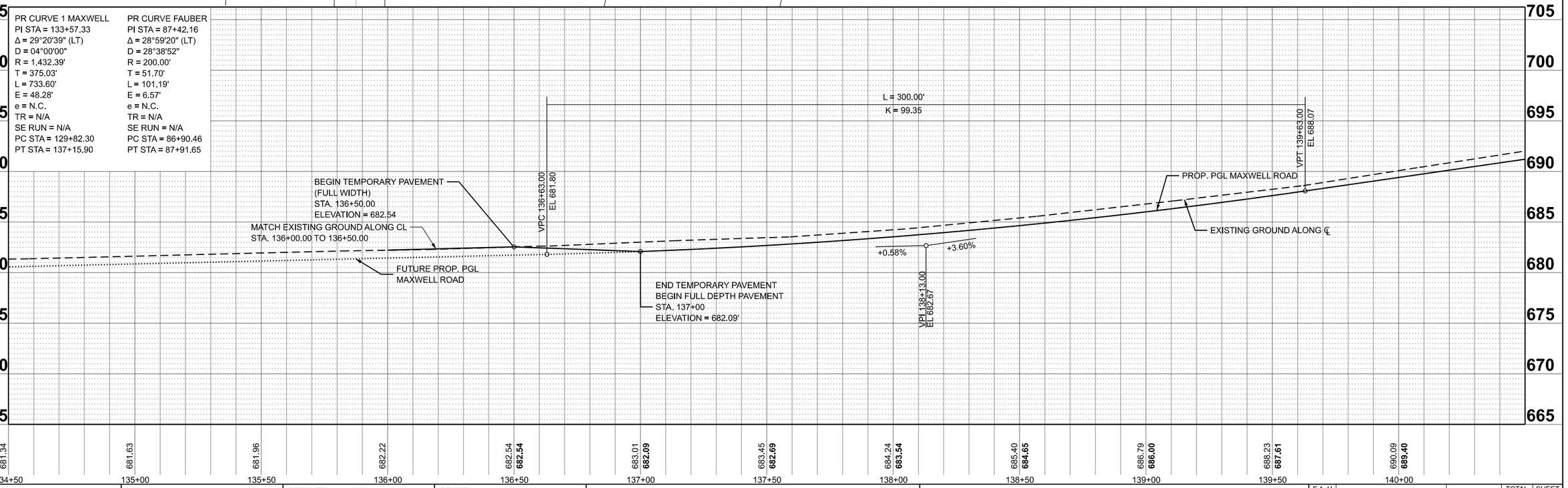
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

REMOVAL PLANS
MAXWELL ROAD BRIDGE REHABILITATION

SCALE: 1"=20' | SHEET 3 OF 3 SHEETS | STA. 152+00 TO STA. 155+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6577	19-00115-00-BR	PEORIA	99	20
		CONTRACT NO. 89815		
	ILLINOIS FED. AID PROJECT			





MODEL: Maxwell_PnP - Plan 1 [Sheet]
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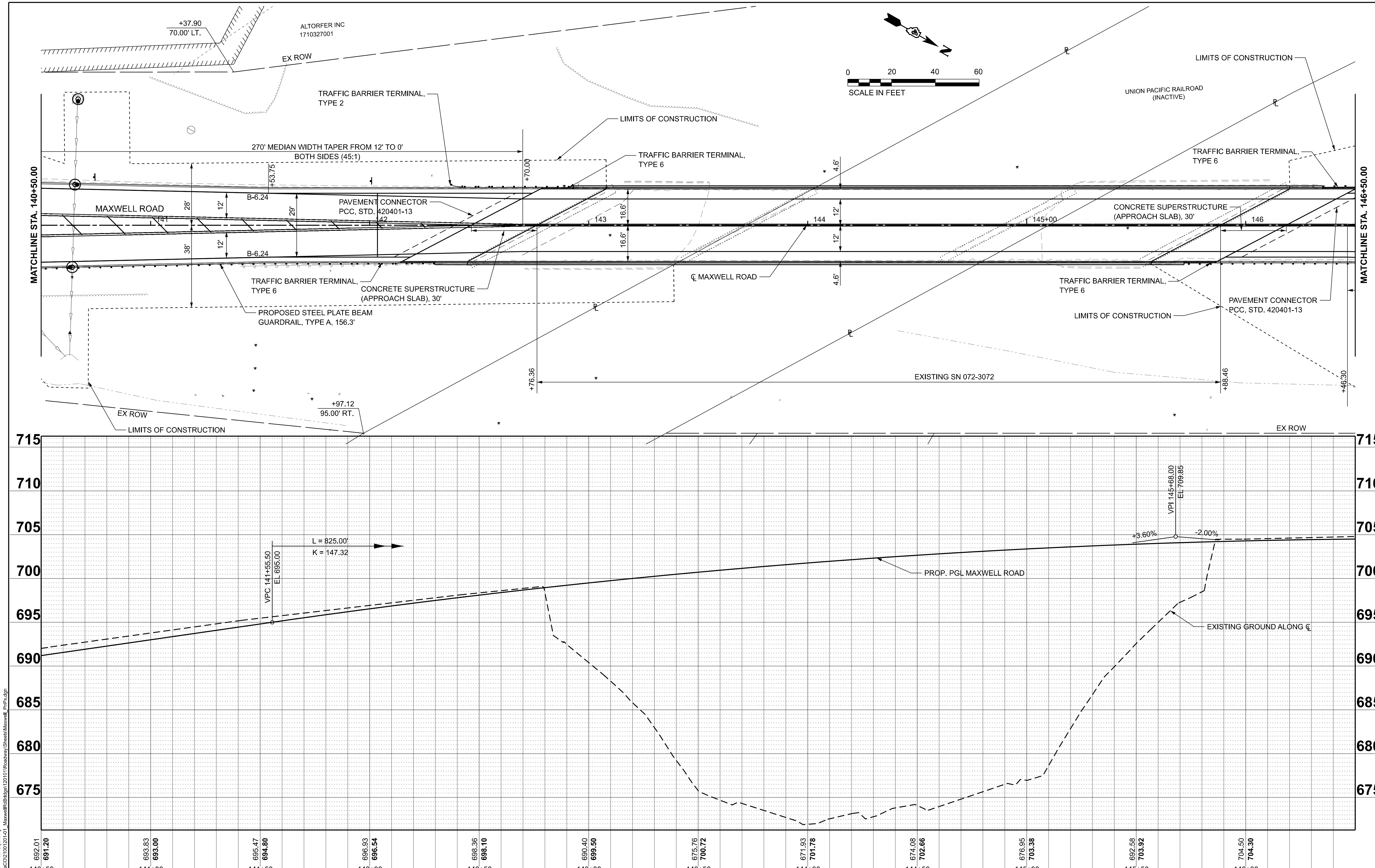
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAN AND PROFILE
MAXWELL ROAD BRIDGE REHABILITATION

SCALE: 1"=20' | SHEET 1 OF 5 SHEETS | STA. 134+50 TO STA. 140+50

F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6577	19-00115-00-BR	PEORIA	99	21
		CONTRACT NO. 89815		
	ILLINOIS FED. AID PROJECT			



MODEL: Maxwell_PnP - Plan 2 [Sheet]
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PLOT DATE = 8/18/2023	DATE - AUG 2023	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAN AND PROFILE
MAXWELL ROAD BRIDGE REHABILITATION

SCALE: 1"=20' | SHEET 2 OF 5 SHEETS | STA. 140+50 TO STA. 146+50

F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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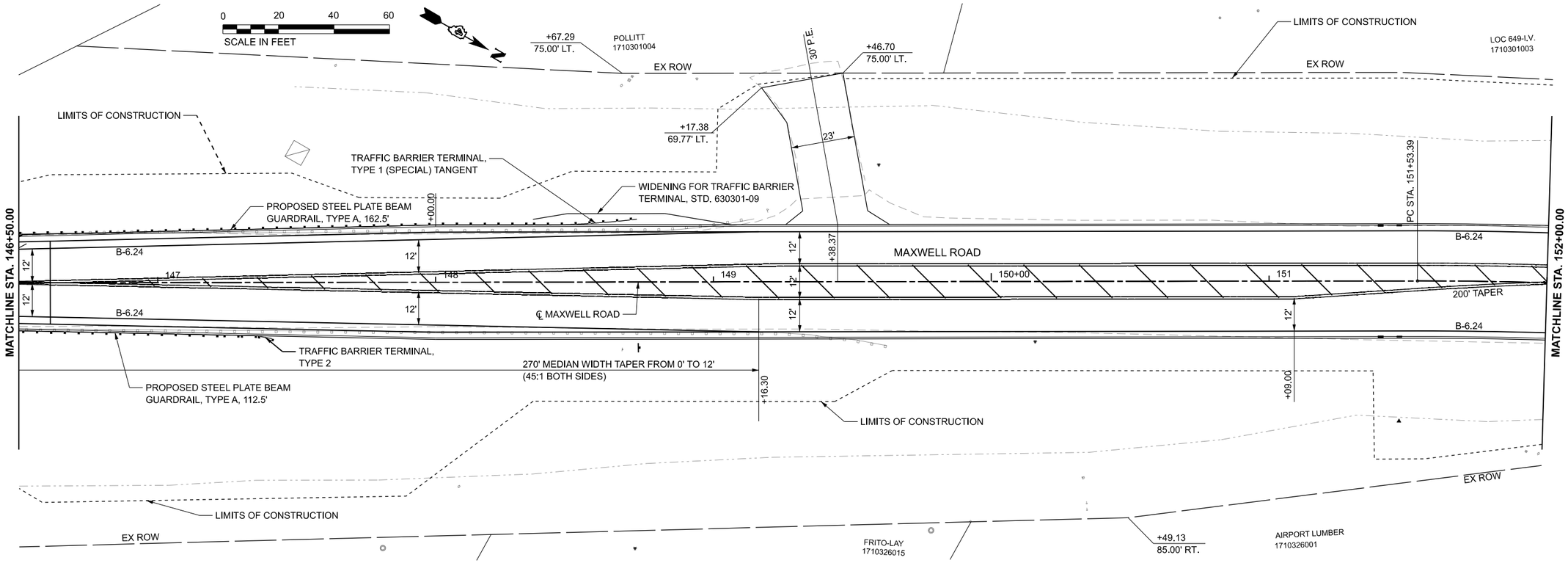
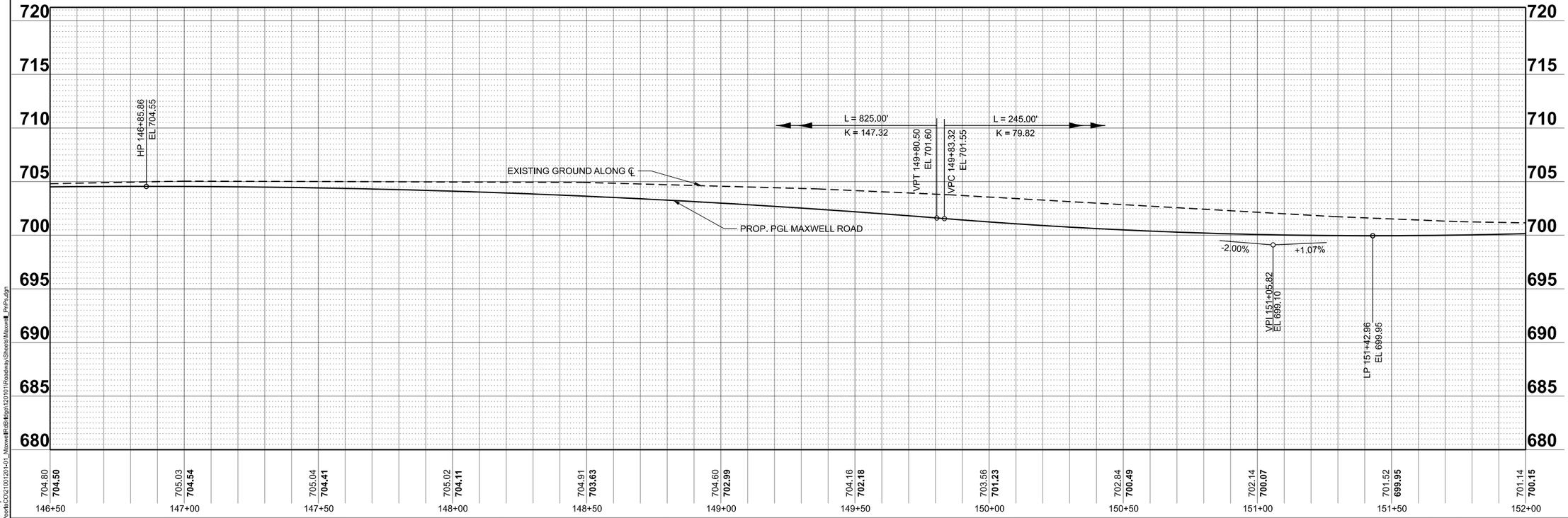
		CONTRACT NO. 89815		
	ILLINOIS	FED. AID PROJECT		





MODEL: Plan 3 [Sheet]
FILE NAME: L:\Peoria\CO\21\00120\01_Maxwell\RIB\Bga\120101\Roadway\Sheets\Maxwell_PnPs.dgn

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PLOT DATE = 8/18/2023	DATE - AUG 2023	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAN AND PROFILE
MAXWELL ROAD BRIDGE REHABILITATION

SCALE: 1"=20' | SHEET 3 OF 5 SHEETS | STA. 146+50 | TO STA. 152+00

F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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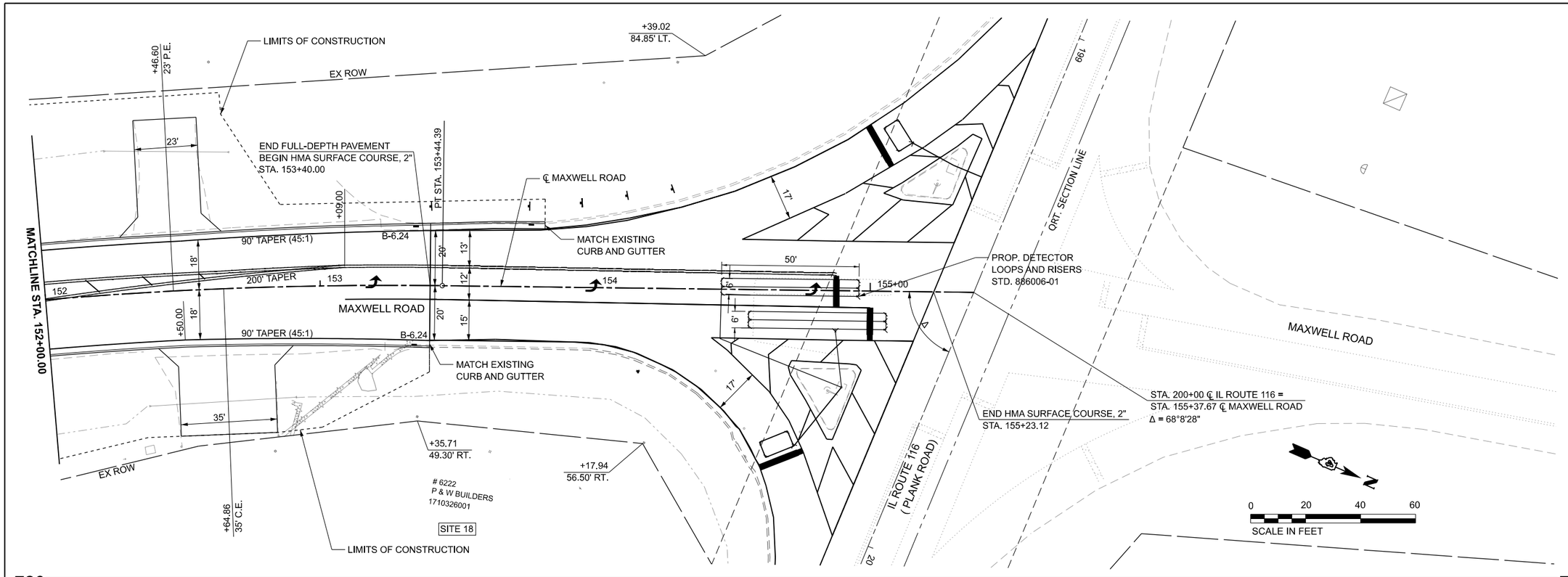
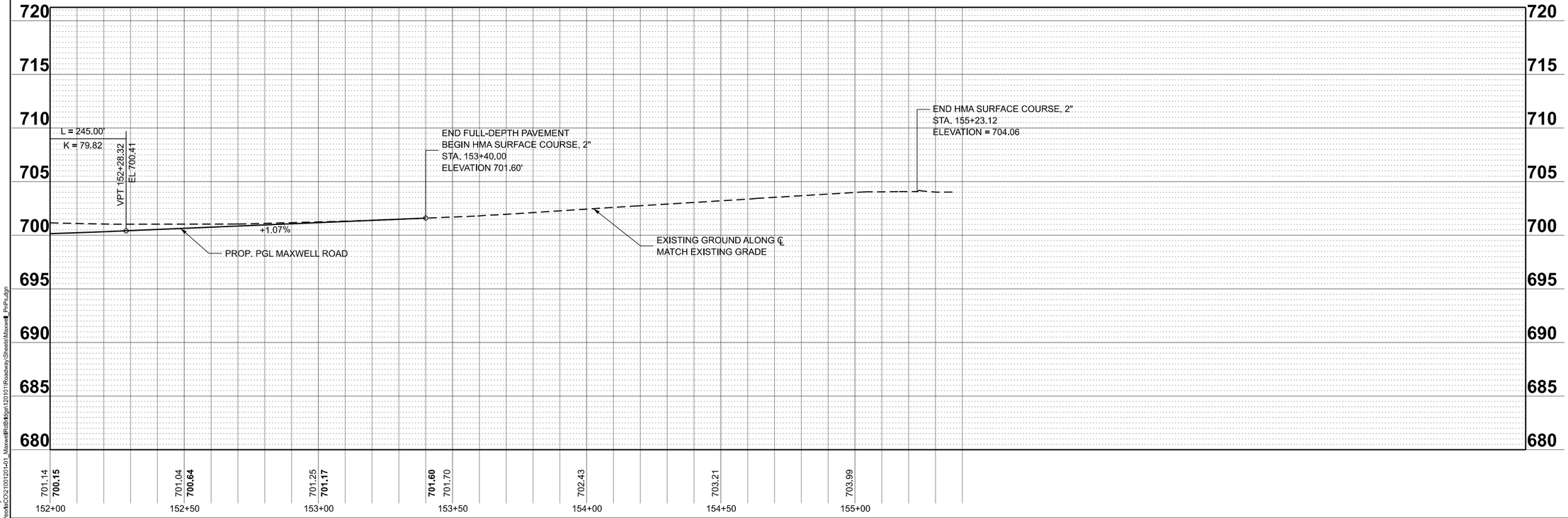
		CONTRACT NO. 89815		
		ILLINOIS FED. AID PROJECT		



PR CURVE 2 MAXWELL
PI STA = 152+49.02
Δ = 07°17'44" (RT)
D = 03°49'11"
R = 1,500.00'
T = 95.63'
L = 191.00'
E = 3.05'
e = N.C.
PC STA = 151+53.39
PT STA = 153+44.39



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F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6577	19-00115-00-BR	PEORIA	99	24
		CONTRACT NO. 89815		
		ILLINOIS FED. AID PROJECT		

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MODEL: Plan 4 [Sheet]
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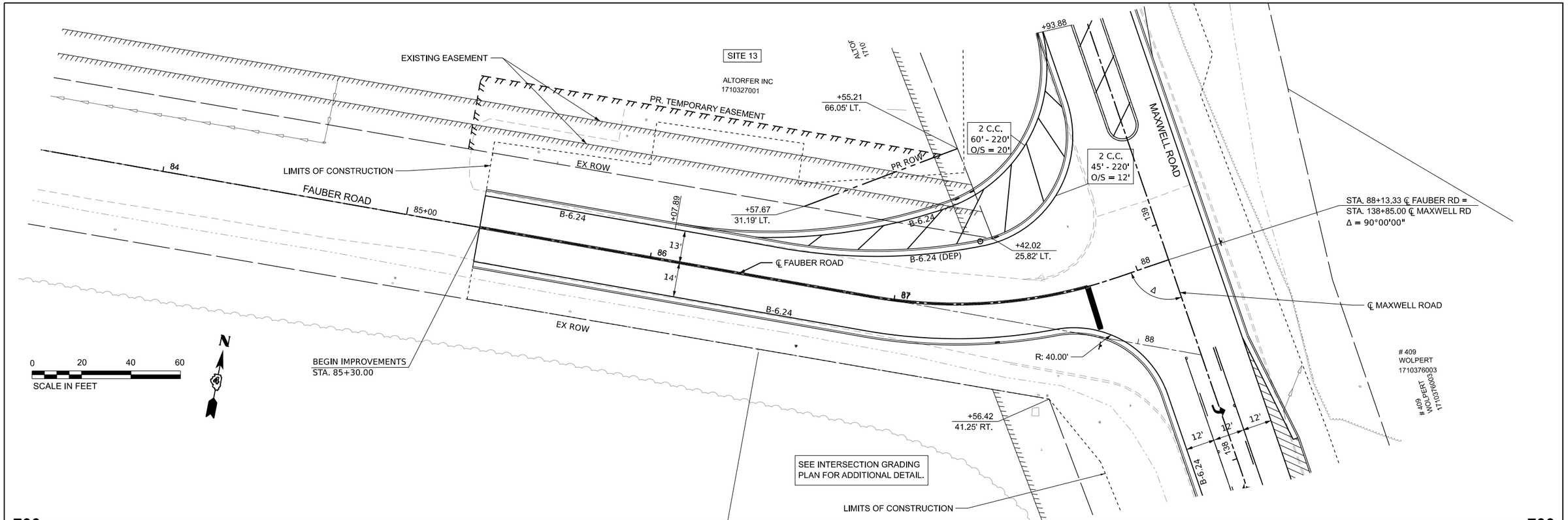

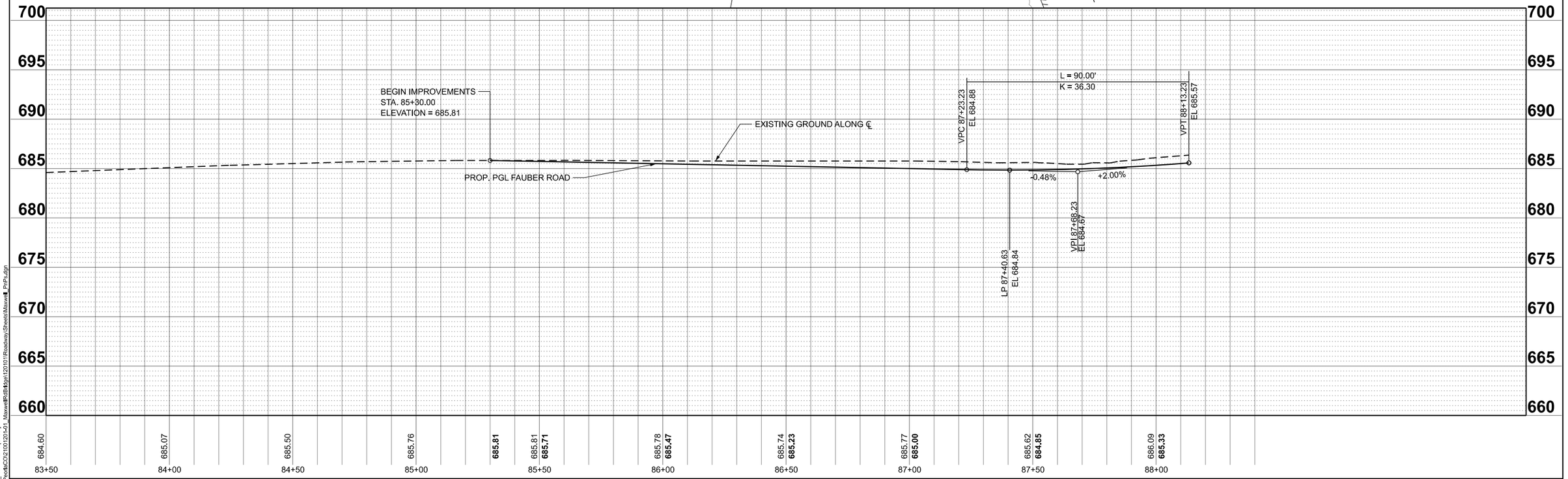

MODEL: Fauber_PnP - Plan 5 [Sheet]
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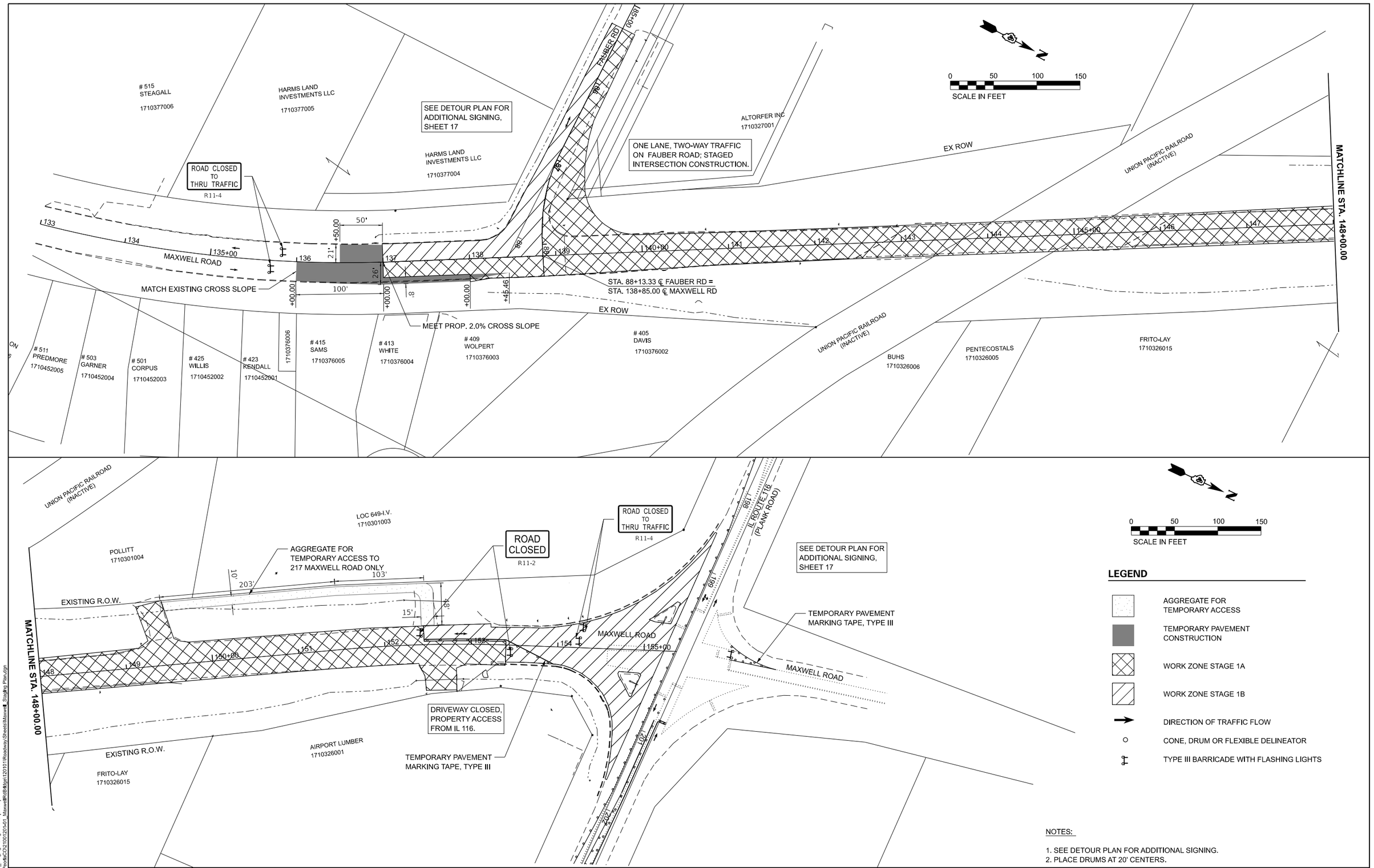
PLAN AND PROFILE
MAXWELL ROAD BRIDGE REHABILITATION

SCALE: 1"=20' | SHEET 5 OF 5 SHEETS | STA. 83+50 | TO STA. 88+00

F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6577	19-00115-00-BR	PEORIA	99	25
		CONTRACT NO. 89815		
		ILLINOIS	FED. AID PROJECT	



NOTES:

1. SEE DETOUR PLAN FOR ADDITIONAL SIGNING.
2. PLACE DRUMS AT 20' CENTERS.

MODEL: Maxwell_Staging - Stage 1A 1B [Sheet]
FILE NAME: L:\Peoria\CO\21001201-01_Maxwell\Rdwy\Sheets\Maxwell_Staging Plan.dgn

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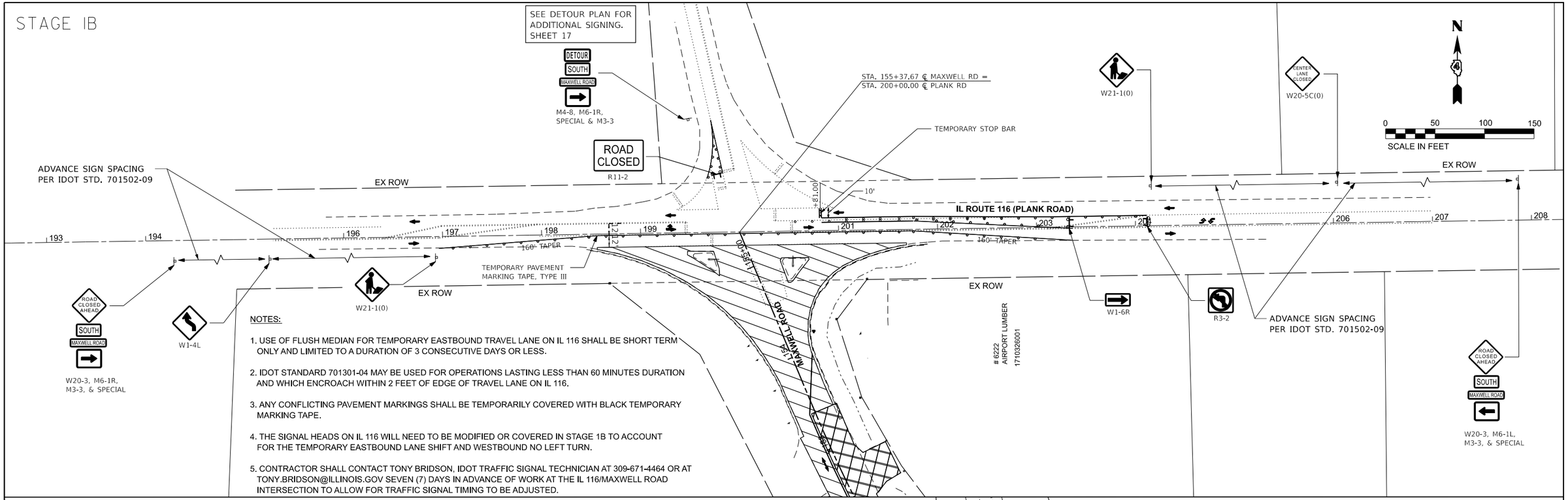
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

STAGES OF CONSTRUCTION
MAXWELL ROAD BRIDGE REHABILITATION

SCALE: 1"=50' | SHEET 1 OF 2 SHEETS | STA. 137+00 TO STA. 155+00

F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6577	19-00115-00-BR	PEORIA	99	26
		CONTRACT NO. 89815		
	ILLINOIS	FED. AID PROJECT		

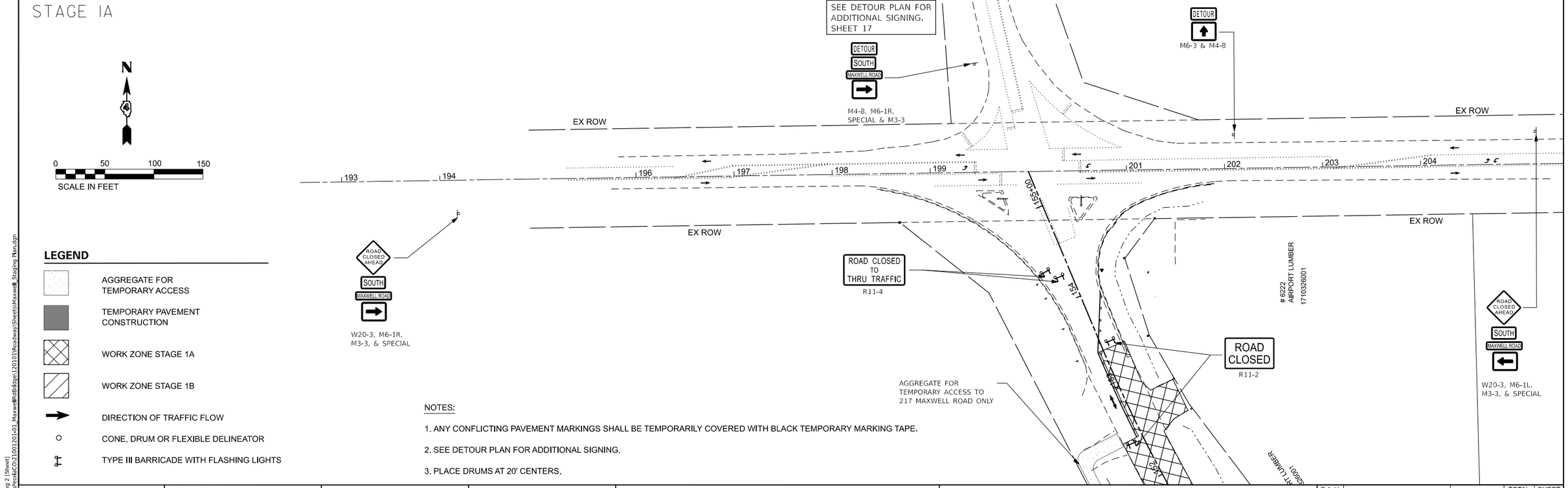
STAGE IB



NOTES:

1. USE OF FLUSH MEDIAN FOR TEMPORARY EASTBOUND TRAVEL LANE ON IL 116 SHALL BE SHORT TERM ONLY AND LIMITED TO A DURATION OF 3 CONSECUTIVE DAYS OR LESS.
2. IDOT STANDARD 701301-04 MAY BE USED FOR OPERATIONS LASTING LESS THAN 60 MINUTES DURATION AND WHICH ENCROACH WITHIN 2 FEET OF EDGE OF TRAVEL LANE ON IL 116.
3. ANY CONFLICTING PAVEMENT MARKINGS SHALL BE TEMPORARILY COVERED WITH BLACK TEMPORARY MARKING TAPE.
4. THE SIGNAL HEADS ON IL 116 WILL NEED TO BE MODIFIED OR COVERED IN STAGE 1B TO ACCOUNT FOR THE TEMPORARY EASTBOUND LANE SHIFT AND WESTBOUND NO LEFT TURN.
5. CONTRACTOR SHALL CONTACT TONY BRIDSON, IDOT TRAFFIC SIGNAL TECHNICIAN AT 309-671-4464 OR AT TONY.BRIDSON@ILLINOIS.GOV SEVEN (7) DAYS IN ADVANCE OF WORK AT THE IL 116/MAXWELL ROAD INTERSECTION TO ALLOW FOR TRAFFIC SIGNAL TIMING TO BE ADJUSTED.

STAGE IA



LEGEND

- AGGREGATE FOR TEMPORARY ACCESS
- TEMPORARY PAVEMENT CONSTRUCTION
- WORK ZONE STAGE 1A
- WORK ZONE STAGE 1B
- DIRECTION OF TRAFFIC FLOW
- CONE, DRUM OR FLEXIBLE DELINEATOR
- TYPE III BARRICADE WITH FLASHING LIGHTS

NOTES:

1. ANY CONFLICTING PAVEMENT MARKINGS SHALL BE TEMPORARILY COVERED WITH BLACK TEMPORARY MARKING TAPE.
2. SEE DETOUR PLAN FOR ADDITIONAL SIGNING.
3. PLACE DRUMS AT 20' CENTERS.

MODEL: Staging 2 [Sheet]
FILE NAME: L:\Peoria\CO\21001201-01_MaxwellRdBridge\12101RoadwaySheets\Maxwell_Staging Plan.dgn

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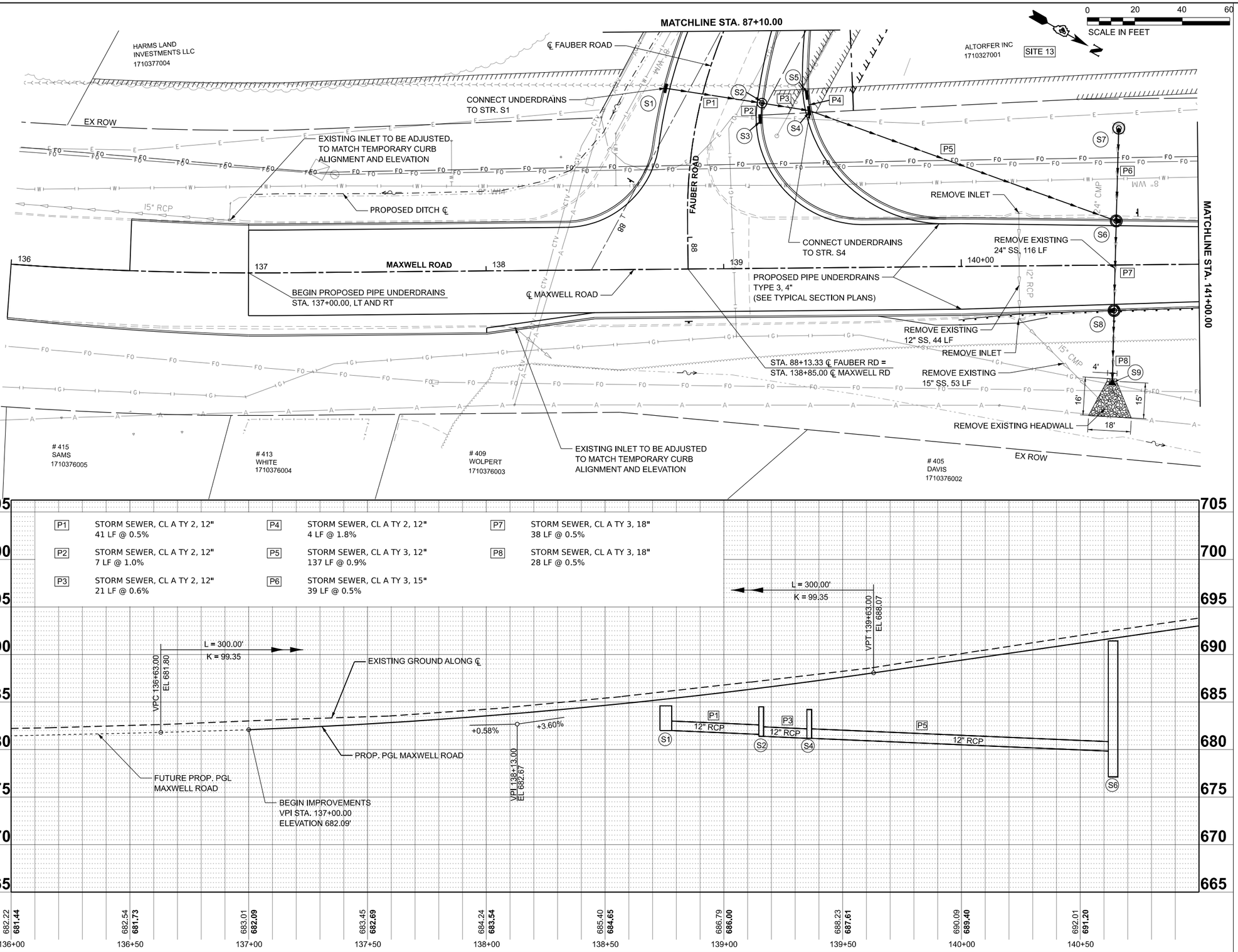
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

STAGES OF CONSTRUCTION
MAXWELL ROAD BRIDGE REHABILITATION

SCALE: 1"=50' | SHEET 2 OF 2 SHEETS | STA. 152+45.79 TO STA. 155+37.67

F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6577	19-00115-00-BR	PEORIA	99	27
		CONTRACT NO. 89815		
	ILLINOIS FED. AID PROJECT			



P1	STORM SEWER, CL A TY 2, 12" 41 LF @ 0.5%	P4	STORM SEWER, CL A TY 2, 12" 4 LF @ 1.8%	P7	STORM SEWER, CL A TY 3, 18" 38 LF @ 0.5%
P2	STORM SEWER, CL A TY 2, 12" 7 LF @ 1.0%	P5	STORM SEWER, CL A TY 3, 12" 137 LF @ 0.9%	P8	STORM SEWER, CL A TY 3, 18" 28 LF @ 0.5%
P3	STORM SEWER, CL A TY 2, 12" 21 LF @ 0.6%	P6	STORM SEWER, CL A TY 3, 15" 39 LF @ 0.5%		

(S1) INLET TYPE G-1 SP
STD 604001-D4
STA. 87+40.63, 16.0' RT
RIM = 684.60
INV (P1) = 681.43

(S2) MH TY A, 4' DIA.
TY 23 F&G
STD 604086-05
STA. 87+36.22, 25.0' LT
RIM = 684.50
INV (P1) = 681.22
INV (P2) = 682.43
INV (P3) = 681.12

(S3) INLET TYPE A,
TY 23 F&G
STD 604086-05
STA. 87+43.83, 26.3' LT
RIM = 684.52
INV (P2) = 682.50

(S4) INLET TYPE G-1 DOUBLE SP
STD 604001-D4
STA. 87+33.34, 45.4' LT
RIM = 684.20
INV (P3) = 681.00
INV (P4) = 682.13
INV (P5) = 681.00

(S5) INLET TYPE G-1 DOUBLE SP
STD 604001-D4
STA. 87+25.50, 42.5' LT
RIM = 684.20
INV (P4) = 682.20

(S6) IN-MH TYPE G-1 5' DIA. SP
STD 604001-D4
STA. 140+65.41, 18.5' LT
RIM = 691.43
INV (P5) = 679.81
INV (P6) = 677.12
INV (P7) = 679.81

(S7) MH TY A TY 37 GRATE, 4' DIA.
STD 604301-D4
STA. 140+66.70, 55.6' LT
RIM = 679.31
INV (P6) = 677.31

(S8) IN-MH TYPE G-1 5' DIA. SP
STD 604001-D4
STA. 140+64.15, 19.2' RT
RIM = 691.33
INV (P7) = 679.62
INV (P8) = 679.62

(S9) PRECAST FES 18"
STA. 140+62.78, 59.0' RT
INV = 679.47

NOTES:

1. END SECTION STATIONS, OFFSETS, AND ELEVATIONS ARE GIVEN AT THE CENTER OF TOE.

2. MANHOLE AND INLET STATIONS AND OFFSETS ARE GIVEN AT THE CENTER OF STRUCTURE, RIM ELEVATIONS ARE GIVEN AT THE CENTER OF GRATE/LID OR AT THE EDGE OF PAVEMENT FOR CURB STRUCTURES.

MODEL: Drainage Plan n Profile - Plan 1 [Sheet]
FILE NAME: L:\Peoria\CIV\2100120\1-01_Maxwell\RdBrdg\dgn\120101\Roadway\Sheets\Maxwell_DrnPlnPrf.dgn

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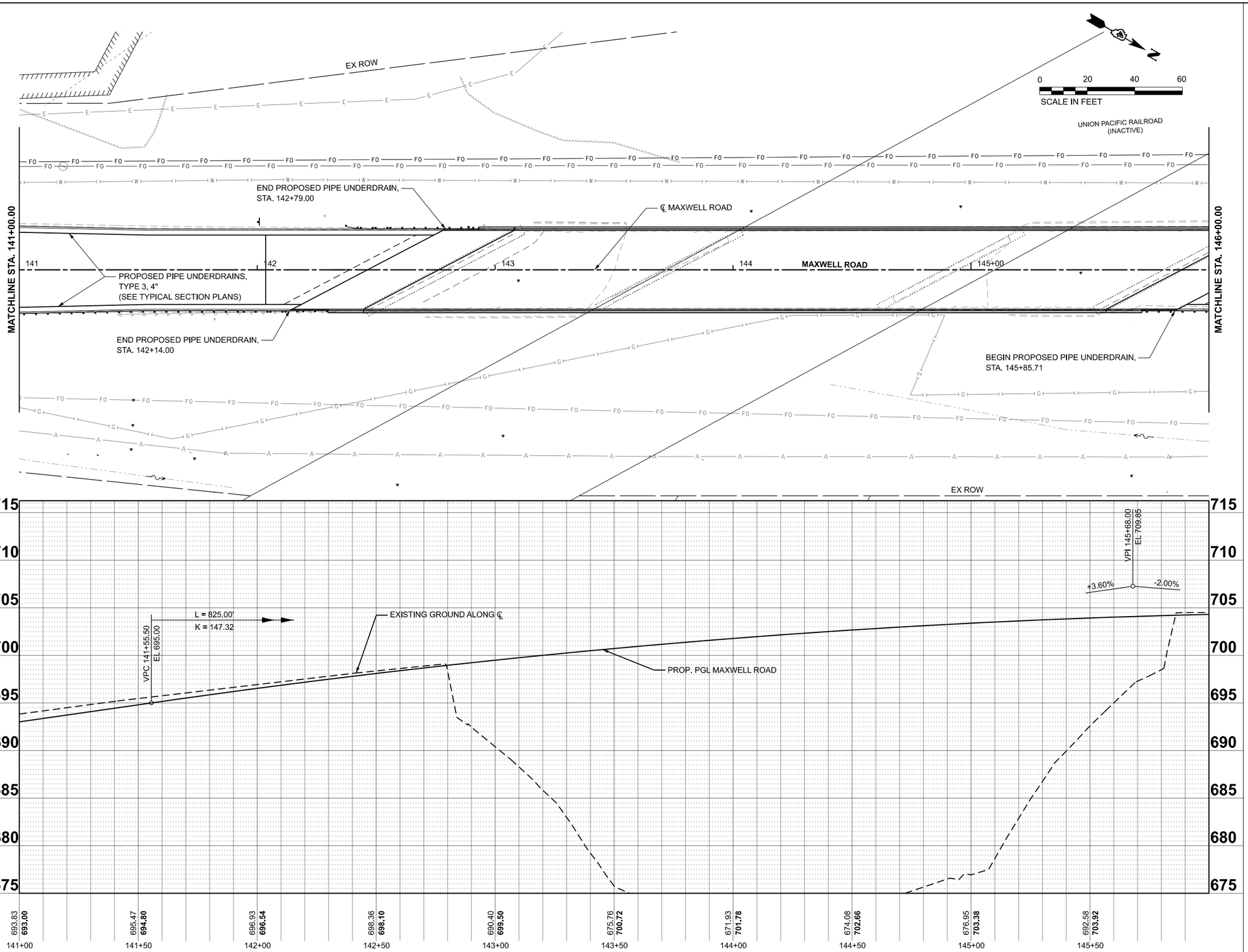
PLOT DATE = 8/18/2023		DATE - AUG 2023		REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DRAINAGE PLAN AND PROFILE
MAXWELL ROAD BRIDGE REHABILITATION

SCALE: 1"=20' | SHEET 1 OF 5 SHEETS | STA. 136+00 | TO STA. 141+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6577	19-00115-00-BR	PEORIA	99	28
		CONTRACT NO. 89815		
		ILLINOIS	FED. AID PROJECT	



MODEL: Drainage Plan n Profile - Plan 2 [Sheet]
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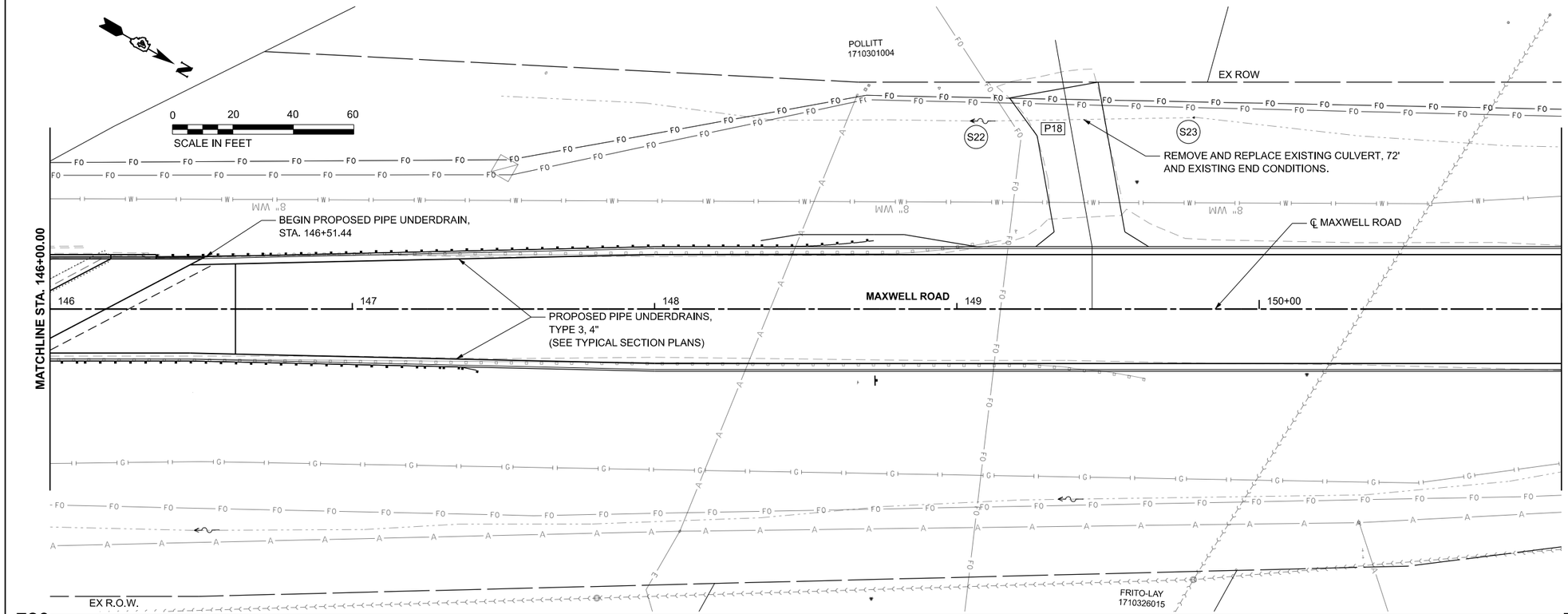
PLOT DATE = 8/18/2023	DATE - AUG 2023	REVISED -	

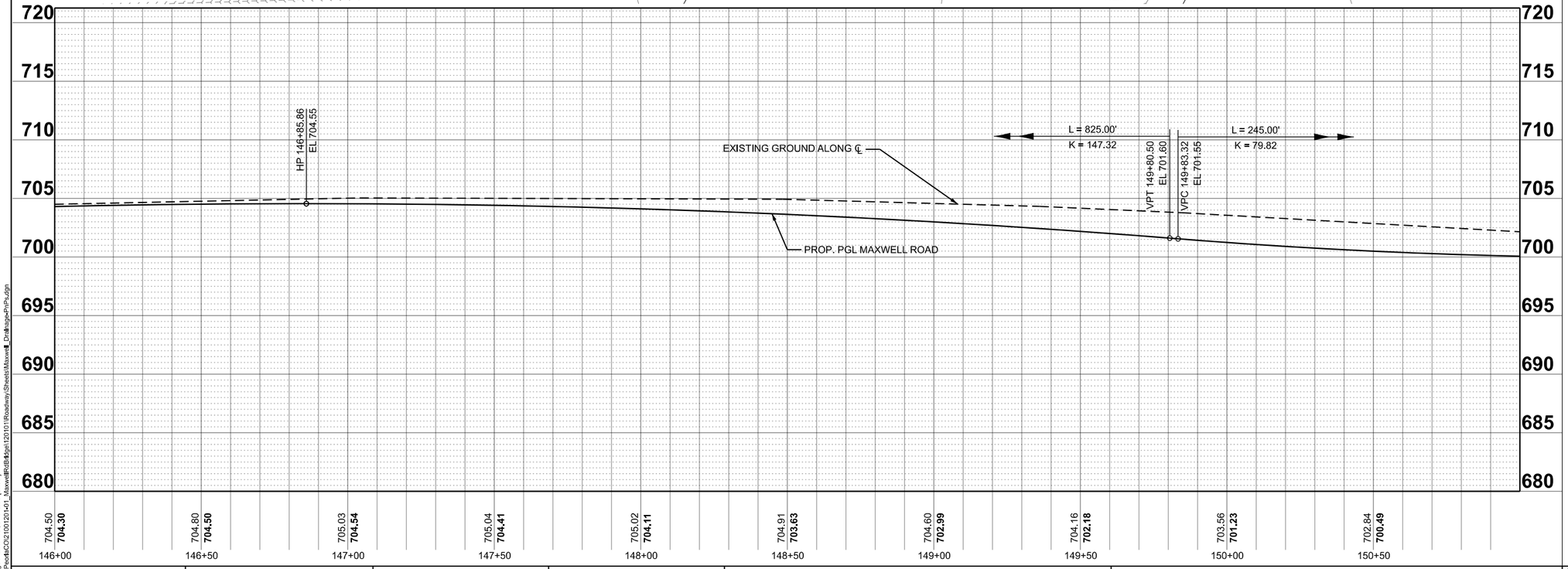
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DRAINAGE PLAN AND PROFILE
MAXWELL ROAD BRIDGE REHABILITATION

SCALE: 1"=20' | SHEET 2 OF 5 SHEETS | STA. 141+00 | TO STA. 146+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6577	19-00115-00-BR	PEORIA	99	29
		CONTRACT NO. 89815		
		ILLINOIS	FED. AID PROJECT	





S22 PR. PRECAST FES 30"
STA. 149+05.63, 62.0' LT
INV = 691.08

S23 PR. PRECAST FES 30"
STA. 149+77.97, 63.3' LT
INV = 691.56

P18 PR. CULVERT, CL A, 30"
72 LF @ 0.6%

MODEL: Drainage Plan n Profile - Plan 3 [Sheet]
FILE NAME: I:\Peoria\CO\21010120\01_Maxwell\RIB\Bga\120101\Roadway\Sheets\Maxwell_DrainagePnPs.dgn

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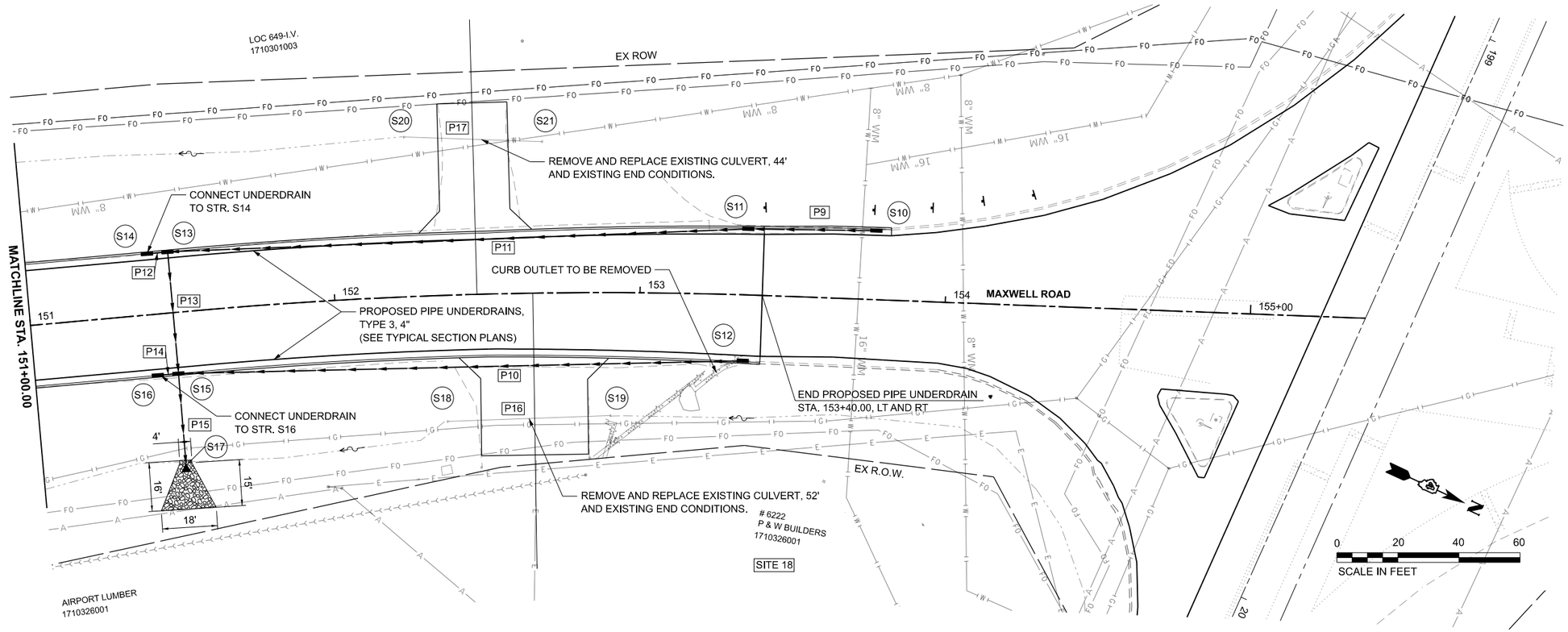
PLOT DATE = 8/18/2023	DATE - AUG 2023	REVISED -	

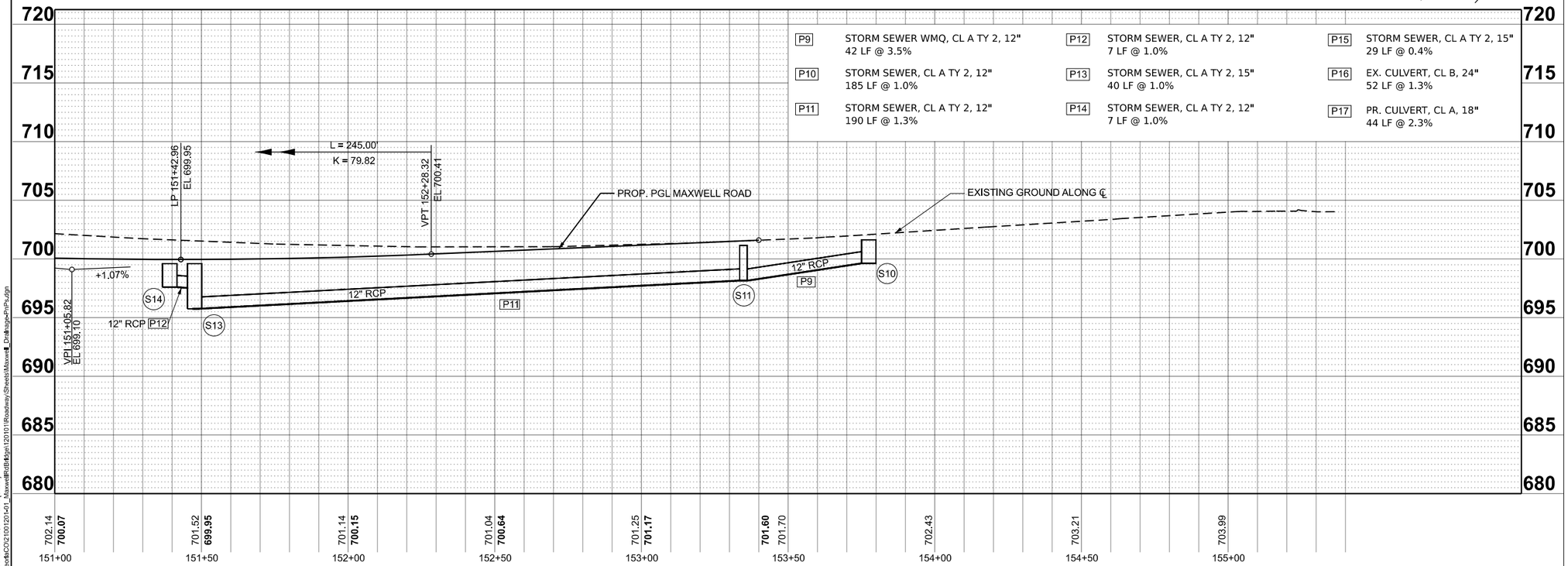
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DRAINAGE PLAN AND PROFILE
MAXWELL ROAD BRIDGE REHABILITATION

SCALE: 1"=20' | SHEET 3 OF 5 SHEETS | STA. 146+00 | TO STA. 151+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6577	19-00115-00-BR	PEORIA	99	30
		CONTRACT NO. 89815		
	ILLINOIS FED. AID PROJECT			





P9	STORM SEWER WMQ, CL A TY 2, 12" 42 LF @ 3.5%	P12	STORM SEWER, CL A TY 2, 12" 7 LF @ 1.0%	P15	STORM SEWER, CL A TY 2, 15" 29 LF @ 0.4%
P10	STORM SEWER, CL A TY 2, 12" 185 LF @ 1.0%	P13	STORM SEWER, CL A TY 2, 15" 40 LF @ 1.0%	P16	EX. CULVERT, CL B, 24" 52 LF @ 1.3%
P11	STORM SEWER, CL A TY 2, 12" 190 LF @ 1.3%	P14	STORM SEWER, CL A TY 2, 12" 7 LF @ 1.0%	P17	PR. CULVERT, CL A, 18" 44 LF @ 2.3%

(S10) INLET TYPE G-1 SP
STD 604001-D4
STA. 153+76.50, 22.6' LT
RIM = 701.62
INV (P9) 699.62

(S11) INLET TYPE G-1 SP
STD 604001-D4
STA. 153+34.75, 21.6' LT
RIM = 701.15
INV (P9) = 698.15
INV (P10) = 698.70
INV (P11) = 698.15

(S12) INLET TYPE G-1 SP
STD 604001-D4
STA. 153+34.26, 21.6' RT
RIM = 701.14
INV (P10) = 699.14

(S13) INLET TYPE G-1 DOUBLE SP
STD 604001-D4
STA. 151+46.89, 20.0' LT
RIM = 699.59
INV (P11) = 695.74
INV (P12) = 697.52
INV (P13) = 695.74

(S14) INLET TYPE G-1 DOUBLE SP
STD 604001-D4
STA. 151+40.14, 20.0' LT
RIM = 699.59
INV (P12) = 697.59

(S15) INLET TYPE G-1 DOUBLE SP
STD 604001-D4
STA. 151+46.89, 20.0' RT
RIM = 699.59
INV (P10) = 697.29
INV (P13) = 695.33
INV (P14) = 697.52
INV (P15) = 694.59

(S16) INLET TYPE G-1 DOUBLE SP
STD 604001-D4
STA. 151+40.14, 20.0' RT
RIM = 699.59
INV (P14) = 697.59

(S17) PRECAST FES 15"
STA. 151+46.66, 49.4' RT
INV = 694.46

(S18) EX. PRECAST FES 24"
STA. 152+36.03, 41.3' RT
INV = 695.98

(S19) EX. PRECAST FES 24"
STA. 152+89.91, 40.3' RT
INV = 696.64

(S20) EX. PRECAST FES 18"
STA. 152+25.26, 52.3' LT
INV = 695.10

(S21) EX. PRECAST FES 18"
STA. 152+68.12, 49.6' LT
INV = 696.13

NOTES:

1. END SECTION STATIONS, OFFSETS, AND ELEVATIONS ARE GIVEN AT THE CENTER OF TOE.

2. MANHOLE AND INLET STATIONS AND OFFSETS ARE GIVEN AT THE CENTER OF STRUCTURE. RIM ELEVATIONS ARE GIVEN AT THE CENTER OF GRATE/LID OR AT THE EDGE OF PAVEMENT FOR CURB STRUCTURES.

MODEL: Drainage Plan n Profile - Plan 4 [Sheet]
FILE NAME: L:\Peoria\CO\2100120\d1_Maxwell\Rdwy\Sheets\Maxwell_Drainage-PnPs.dgn

CMT
License No. 184-000613

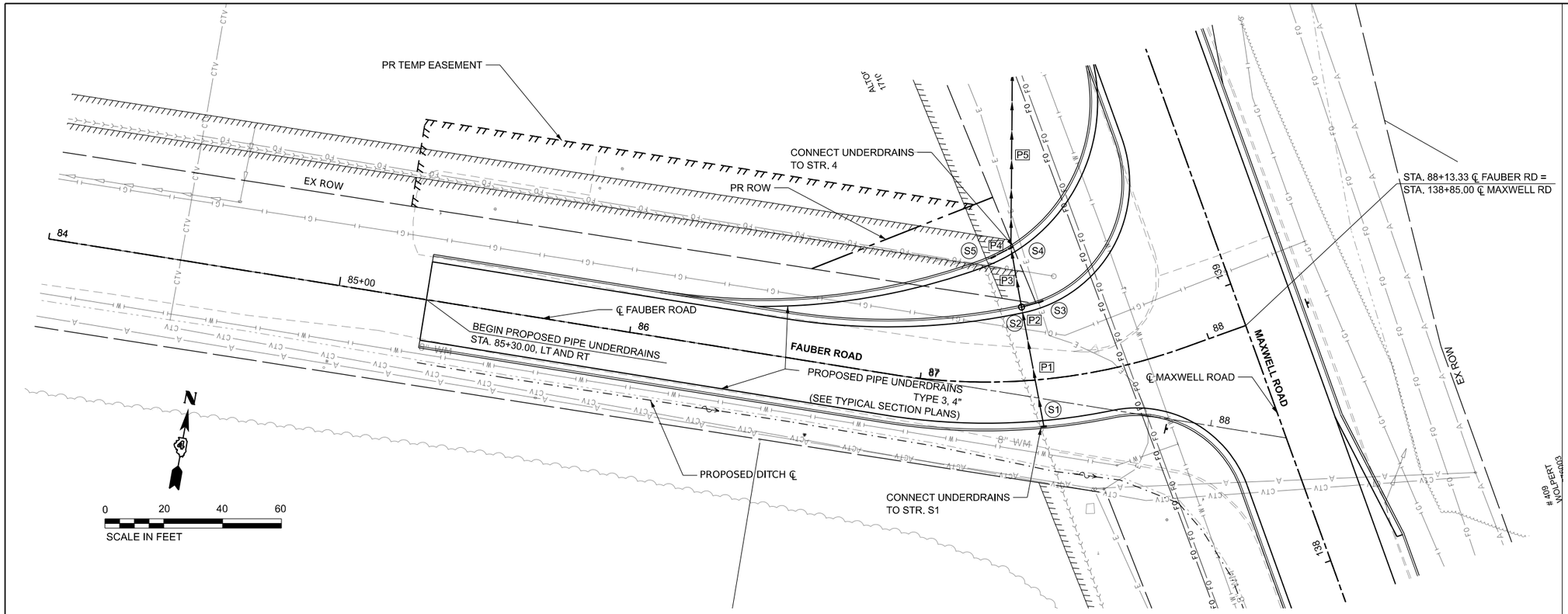
USER NAME = zslechta	DESIGNED - IHS	REVISED -			
	DRAWN - IHS	REVISED -			
PLOT SCALE = 0.16666633 ' / In.	CHECKED - CJW	REVISED -			
PLOT DATE = 8/18/2023	DATE - AUG 2023	REVISED -			

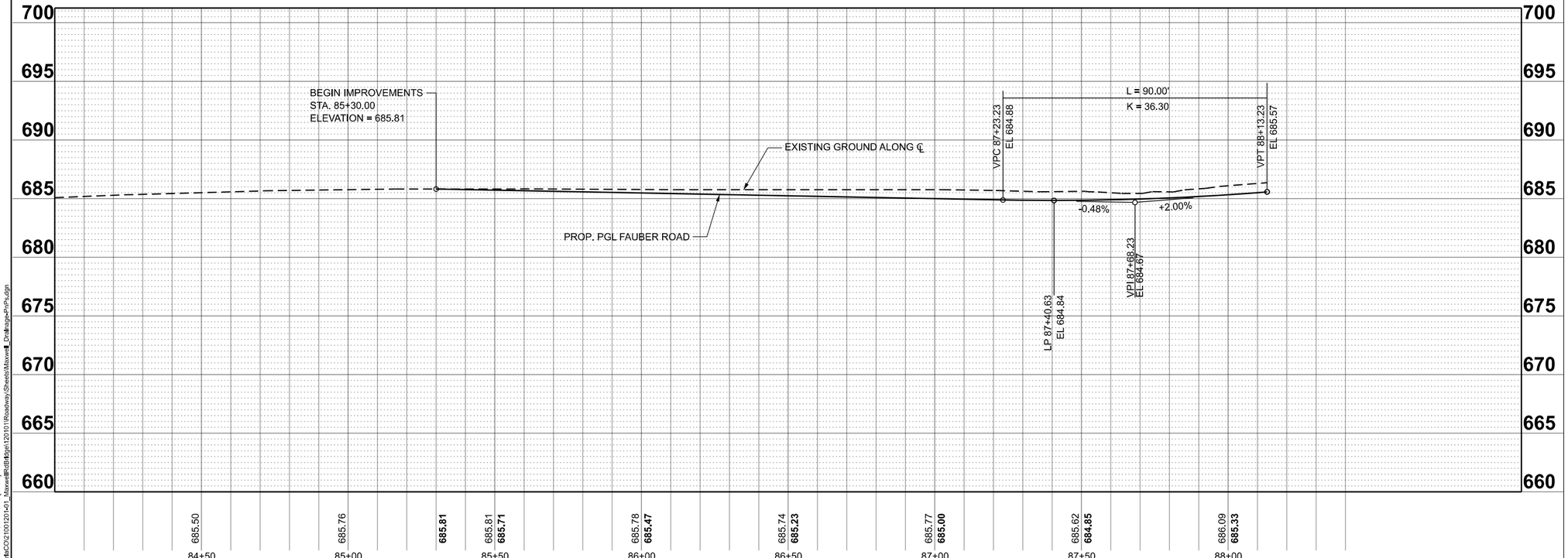
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DRAINAGE PLAN AND PROFILE
MAXWELL ROAD BRIDGE REHABILITATION

SCALE: 1"=20' | SHEET 4 OF 5 SHEETS | STA. 151+00 TO STA. 155+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6577	19-00115-00-BR	PEORIA	99	31
		CONTRACT NO. 89815		
	ILLINOIS FED. AID PROJECT			





S1 INLET TYPE G-1 SP
STD 604001-D4
STA. 87+40.63, 16.0' RT
RIM = 684.60
INV (P1) = 682.00

S2 MH TY A, 4' DIA.
TY 23 F&G
STD 604086-05
STA. 87+36.22, 25.0' LT
RIM = 684.50
INV (P1) = 681.59
INV (P2) = 682.43
INV (P3) = 681.39

S3 INLET TYPE A,
TY 23 F&G
STD 604086-05
STA. 87+43.83, 26.3' LT
RIM = 684.52
INV (P2) = 682.50

S4 INLET TYPE G-1 DOUBLE SP
STD 604001-D4
STA. 87+33.34, 45.4' LT
RIM = 684.20
INV (P3) = 681.18
INV (P4) = 682.13
INV (P5) = 681.18

S5 INLET TYPE G-1 DOUBLE SP
STD 604001-D4
STA. 87+25.50, 42.5' LT
RIM = 684.20
INV (P4) = 682.20

P1 STORM SEWER, CL A TY 2, 12"
41 LF @ 1.0%

P2 STORM SEWER, CL A TY 2, 12"
7 LF @ 1.0%

P3 STORM SEWER, CL A TY 2, 12"
21 LF @ 1.0%

P4 STORM SEWER, CL A TY 2, 12"
4 LF @ 1.8%

P5 STORM SEWER, CL A TY 3, 12"
137 LF @ 1.0%

MODEL: Drainage Plan n Profile - Plan 5 [Sheet]
FILE NAME: L:\Peoria\CO\21010120\01_Maxwell\RIB\Bridge\120101\Roadway\Sheets\Maxwell_DrainagePnPs.dgn

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license No. 184-000613

USER NAME = zslechta	DESIGNED - IHS	REVISED -	
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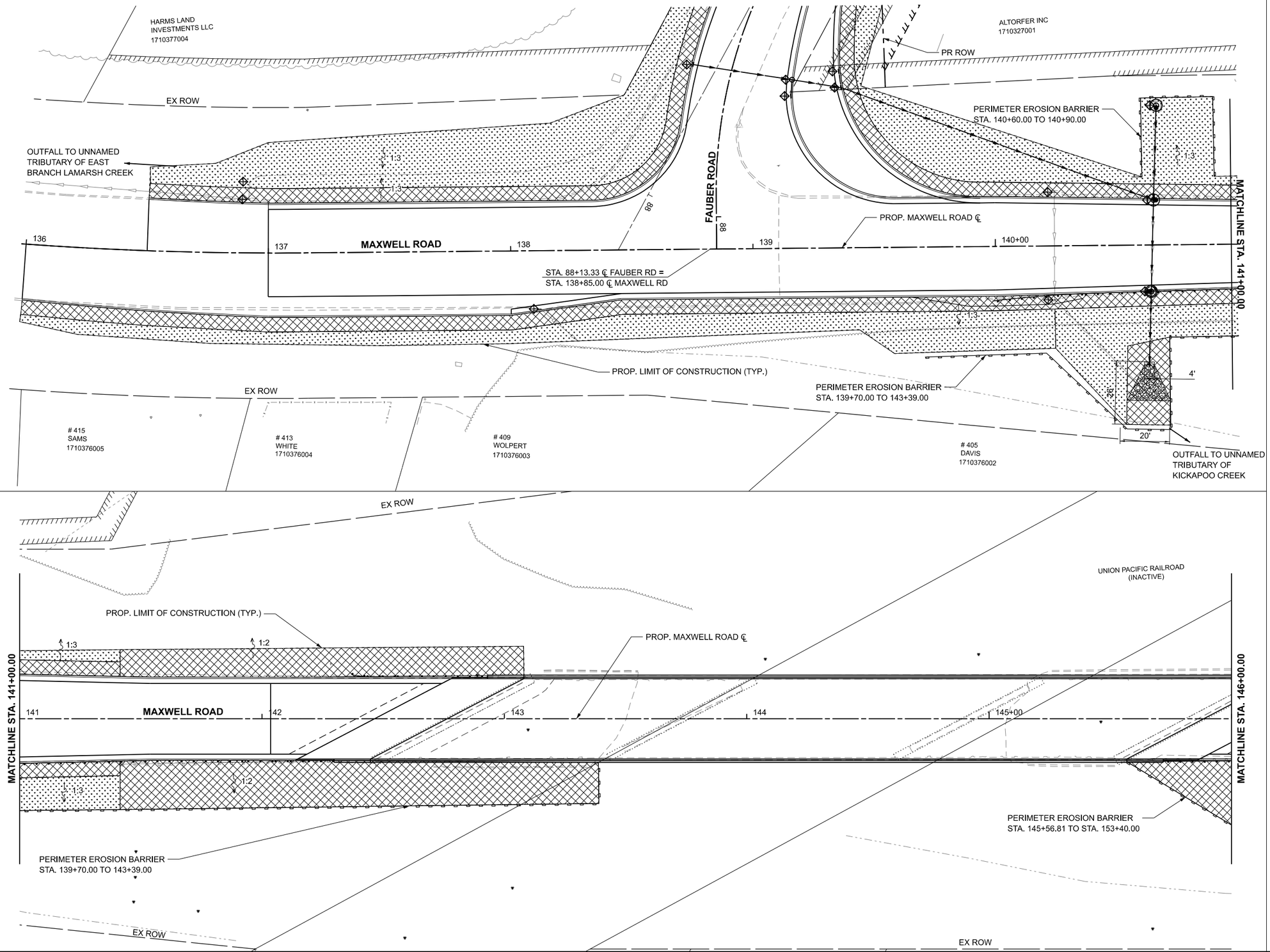
PLOT SCALE = 0.16666633 ' / In.	CHECKED - CJW	REVISED -	
PLOT DATE = 8/18/2023	DATE - AUG 2023	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DRAINAGE PLAN AND PROFILE
MAXWELL ROAD BRIDGE REHABILITATION

SCALE: 1"=20' | SHEET 5 OF 5 SHEETS | STA. 85+30 TO STA. 88+13

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6577	19-00115-00-BR	PEORIA	99	32
		CONTRACT NO. 89815		
		ILLINOIS FED. AID PROJECT		



0 20 40 60

SCALE IN FEET

LEGEND

- SEEDING, CLASS 2A WITH MULCH, METHOD 2
- SEEDING, CLASS 2A WITH EROSION CONTROL BLANKET, KNITTED STRAW MAT
- STONE RIPRAP, CLASS A3 WITH FILTER FABRIC
- PROPOSED PERIMETER EROSION CONTROL BARRIER
- INLET AND PIPE PROTECTION (ON EXISTING AND PROPOSED STRUCTURES)

MODEL: Maxwell SWPPP - Plan 1 [Sheet]
FILE NAME: L:\Peoria\CO\21001201-01_MaxwellRdBridge\120101\Roadway\Sheets\Maxwell_SWPPP.dgn

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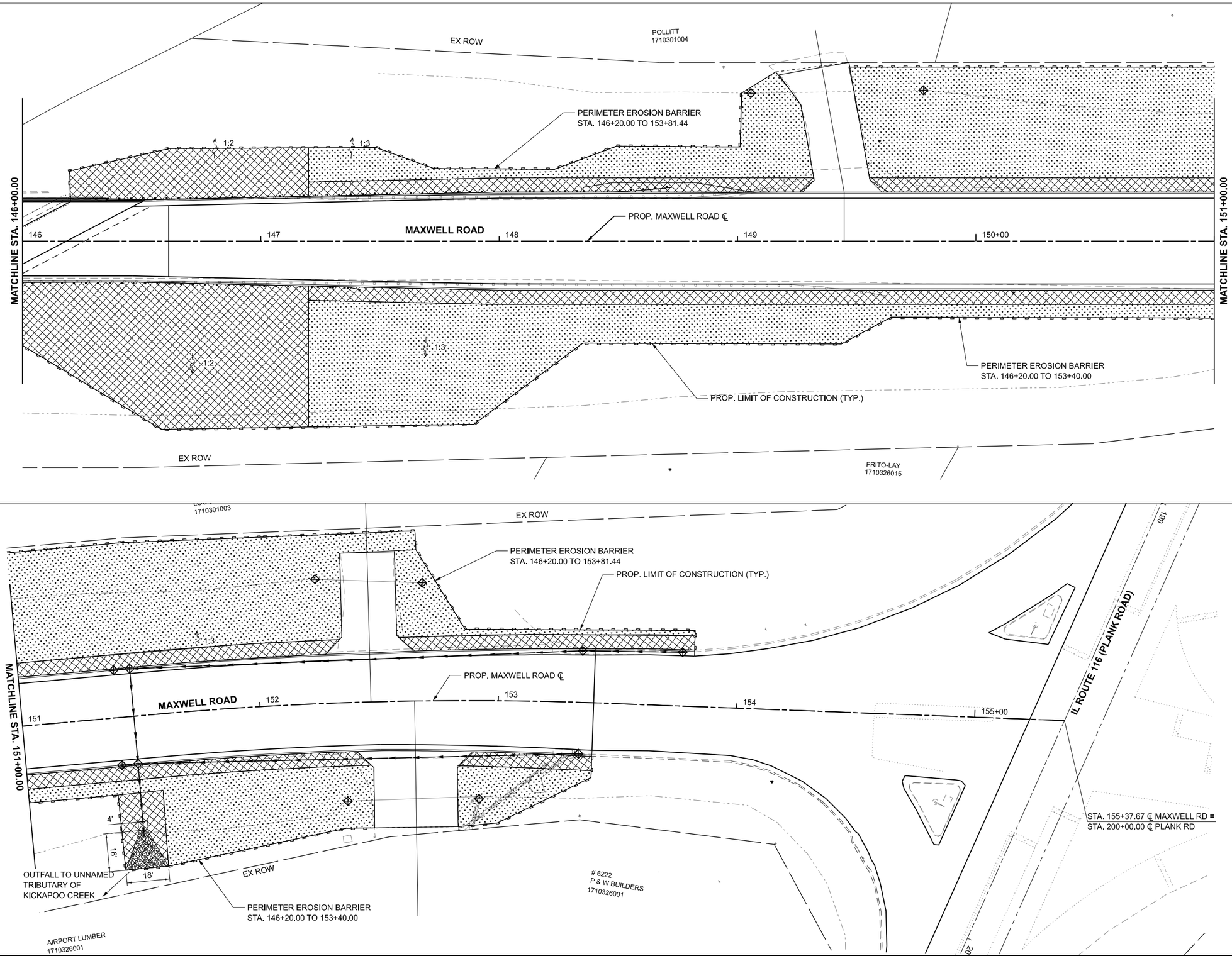
PLOT SCALE = 0.16666633 ' / In.	CHECKED - CJW	REVISED -	
PLOT DATE = 8/18/2023	DATE - AUG 2023	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

STORM WATER POLLUTION PREVENTION PLANS
MAXWELL ROAD BRIDGE REHABILITATION

SCALE: 1"=20' | SHEET 1 OF 4 SHEETS | STA. 137+00 TO STA. 146+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6577	19-00115-00-BR	PEORIA	99	33
		CONTRACT NO. 89815		
	ILLINOIS	FED. AID PROJECT		



0 20 40 60

SCALE IN FEET

LEGEND

- SEEDING, CLASS 2A WITH MULCH, METHOD 2
- SEEDING, CLASS 2A WITH EROSION CONTROL BLANKET, KNITTED STRAW MAT
- STONE RIPRAP, CLASS A3 WITH FILTER FABRIC
- PROPOSED PERIMETER EROSION CONTROL BARRIER
- INLET AND PIPE PROTECTION (ON EXISTING AND PROPOSED STRUCTURES)

MODEL: Maxwell SWPPP - Plan 3 [Sheet]
FILE NAME: L:\Peoria\CO\21001201-01_Maxwell\RdBridge\21001201\Roadway\Sheets\Maxwell_SWPPP.dgn

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PLOT DATE = 8/18/2023	DATE - AUG 2023	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

STORM WATER POLLUTION PREVENTION PLANS
MAXWELL ROAD BRIDGE REHABILITATION

SCALE: 1"=20' | SHEET 2 OF 4 SHEETS | STA. 146+00 TO STA. 153+40

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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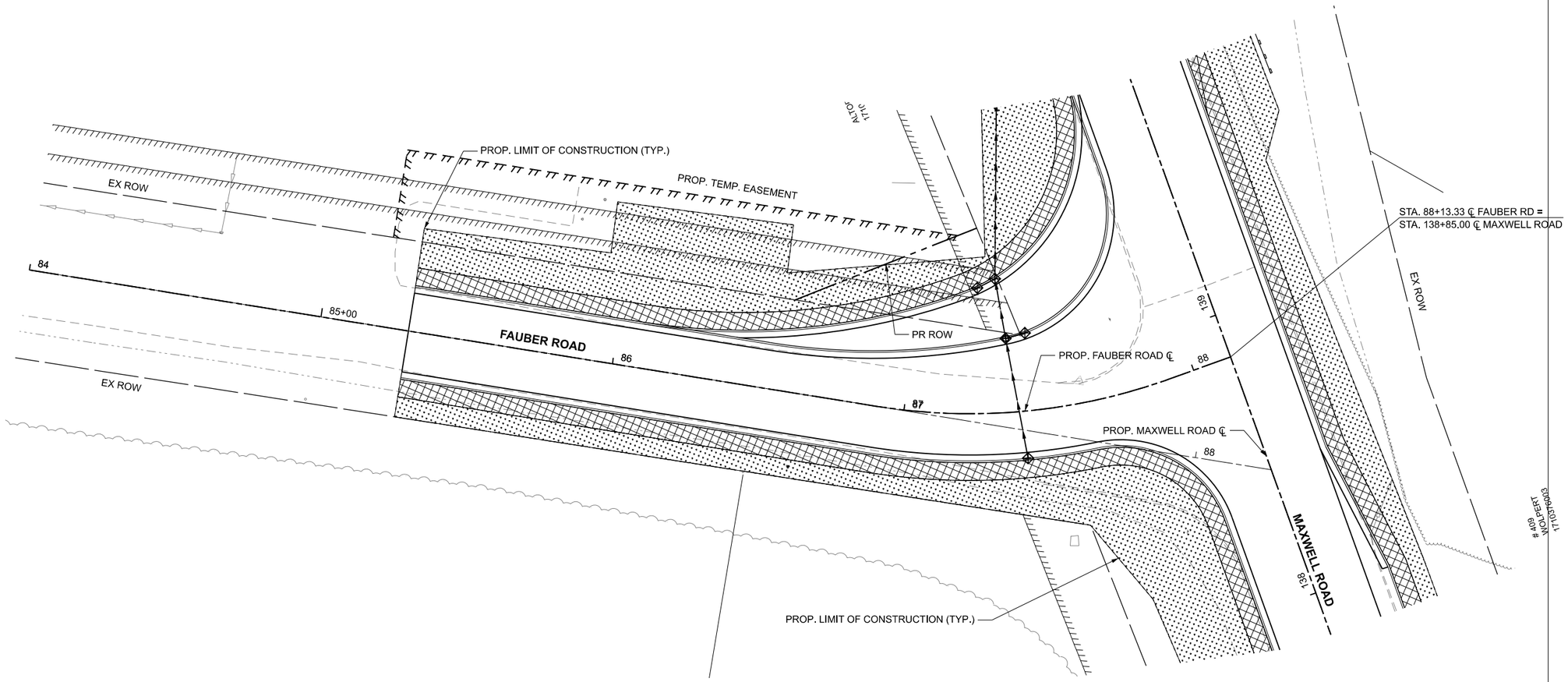
		CONTRACT NO. 89815		
	ILLINOIS FED. AID PROJECT			



N

0 20 40 60

SCALE IN FEET

LEGEND

- SEEDING, CLASS 2A WITH MULCH, METHOD 2
- SEEDING, CLASS 2A WITH MULCH, METHOD 3A
- STONE RIPRAP, CLASS A3 WITH FILTER FABRIC
- PROPOSED PERIMETER EROSION CONTROL BARRIER
- INLET AND PIPE PROTECTION (ON EXISTING AND PROPOSED STRUCTURES)

MODEL: Maxwell SWPPP - Plan 5 [Sheet]
FILE NAME: L:\Peoria\CO21001201-01_Maxwell\RGB\Bridge\120101\Roadway\Sheets\Maxwell_SWPPP.dgn

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PLOT DATE = 8/18/2023	DATE - AUG 2023	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

STORM WATER POLLUTION PREVENTION PLANS
MAXWELL ROAD BRIDGE REHABILITATION

SCALE: 1"=20' | SHEET 3 OF 4 SHEETS | STA. 85+30 | TO STA. 88+33

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6577	19-00115-00-BR	PEORIA	99	35
		CONTRACT NO. 89815		
	ILLINOIS	FED. AID PROJECT		

EROSION CONTROL GENERAL NOTES:

1. THE CONTRACTOR SHALL INSTALL ALL APPLICABLE EROSION CONTROL MEASURES PRIOR TO ANY SITE DISTURBANCE.

2. THE CONTRACTOR SHALL ADHERE TO ALL TERMS AND CONDITIONS AS SHOWN ON THIS EROSION CONTROL PLAN. MEASURES SHALL BE INITIATED AS SOON AS PRACTICABLE.

3. ALL UNSURFACED (OR PERMANENT NON-AGGREGATE) AREAS DISTURBED BY CONSTRUCTION OPERATIONS SHALL RECEIVE A MINIMUM 4" OF TOPSOIL AND SEEDED IN ACCORDANCE WITH THE PLANS AND SPECIFICATIONS. ALL TURF AREAS SHALL BE CHECKED REGULARLY TO MAINTAIN A HEALTHY STAND OF GRASS. AREAS SHALL BE RESEEDED AS REQUIRED.

4. THE CONTRACTOR SHALL BE RESPONSIBLE FOR REMOVING SEDIMENT WHICH MAY COLLECT IN THE STORM SEWER OR CULVERT SYSTEM.

5. SEDIMENT SHALL BE REMOVED FROM STRAW WATTLES, DITCH CHECKS OR SILT FENCE WHEN IT REACHES ONE-HALF THE HEIGHT OF THE BARRIER IN PLACE.

6. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ADJUSTING THE EROSION AND SEDIMENTATION CONTROL MEASURES AS NECESSARY TO BE MAINTAINED IN FULLY FUNCTIONAL CONDITION THROUGHOUT THE ENTIRE PROJECT.

7. CONTRACTOR TO REMOVE ALL CONSTRUCTION DEBRIS, MUD, TEMPORARY FENCING, ETC. UPON COMPLETION OF CONSTRUCTION.

8. TEMPORARY EROSION CONTROL DEVICES SHALL BE CONSTRUCTED AS SHOWN ON THE PLANS OR AS DIRECTED BY THE ENGINEER.

9. ANY DEVIATION OF THE TEMPORARY EROSION CONTROL PLAN OR SCHEDULE BY THE CONTRACTOR SHALL BE AT THE DISCRETION OF THE ENGINEER.

10. ALL WASH WATER (CONCRETE TRUCKS, VEHICLE CLEANING, EQUIPMENT CLEANING, ETC.) SHALL BE DETAINED AND PROPERLY TREATED OR DISPOSED.

11. SUFFICIENT OIL AND GREASE ABSORBING MATERIALS AND FLOATATION BOOMS SHALL BE MAINTAINED ON SITE OR READILY AVAILABLE TO CONTAIN AND CLEAN UP FUEL OR CHEMICAL SPILLS AND LEAKS.

BEST MANAGEMENT PRACTICES SEQUENCE:

THE CONTRACTOR SHALL ADHERE TO THE FOLLOWING SEQUENCE OF EVENTS DURING CONSTRUCTION AND SHALL NOTIFY THE OWNER'S REPRESENTATIVE IMMEDIATELY OF ANY CHANGES MADE TO THE PHASING:

1. INSTALL PERIMETER EROSION CONTROL AT EDGE OF LIMITS OF DISTURBANCE.

2. PROVIDE INLET AND PIPE PROTECTION APPROPRIATE FOR INLET TYPE AND STAGE OF CONSTRUCTION. MAINTAIN INLETS TO BE FREE OF ACCUMULATED SEDIMENT DURING CONSTRUCTION. REPAIR/REPLACE AS NEEDED.

3. BEGIN ROUGH GRADING OF SITE. TEMPORARILY STABILIZE ALL DISTURBED AREAS THAT WILL BE INACTIVE FOR 7 CALENDAR DAYS OR MORE (UNLESS CONSTRUCTION ACTIVITY WILL RESUME ON THAT PORTION WITHIN 14 DAYS.) THE LAST PASS ON ANY ROUGH GRADED SLOPE SHALL BE UP AND DOWN THE SLOPE, SO THAT DOZER TRACKS ARE LEFT PERPENDICULAR OR ACROSS THE SLOPE, NOT IN LINE WITH IT.

4. MAINTAIN PERIMETER EROSION CONTROL (SILT FENCE, STRAW WATTLES) TO BE FREE OF ACCUMULATED SEDIMENT. REPAIR AS NEEDED AND REPLACE WHEN DAMAGED.

5. PROVIDE CONCRETE WASHOUT FACILITIES IN ACCORDANCE WITH ILLINOIS URBAN MANUAL FOR ALL CEMENTITIOUS MATERIALS INCLUDING PORTLAND CEMENT CONCRETE, MORTAR, STUCCO, PAINT AND/OR GROUT. WASH WATERS CANNOT BE DISCHARGED EITHER INTO THE GROUND OR SEWERS. CLEAN CONCRETE WASH OUT FACILITIES TO MAINTAIN CAPACITIES. WASHOUT BASINS SHALL BE INCIDENTAL TO ANY CONCRETE PAY ITEMS.

6. PAVE SITE AND APPURTENANCES. COMPLETE FINAL STABILIZATION OF SITE.

7. PERFORM FINAL GRADING, LANDSCAPING AND SEEDING AS SHOWN. MAINTAIN BMP'S IN PLACE UNTIL ALL VEGETATED AREAS HAVE ACHIEVED FINAL STABILIZATION REQUIREMENTS (UNIFORM 70% COVERAGE).

8. WHEN FINAL STABILIZATION IS ACHIEVED AS DETERMINED BY OWNER'S REPRESENTATIVE. REMOVE ALL TEMPORARY BMP'S.

SEEDED AREA	1.4 AC
IMPERVIOUS AREA	1.8 AC
TOTAL DISTURBED AREA	3.2 AC

EROSION CONTROL MAINTENANCE:

ALL MEASURES STATED ON THIS EROSION CONTROL PLAN SHALL BE MAINTAINED IN A FULLY FUNCTIONAL CONDITION UNTIL NO LONGER REQUIRED FOR A COMPLETED PHASE OF WORK OR FINAL STABILIZATION OF THE SITE. THE LABOR AND MATERIALS ASSOCIATED WITH MAINTAINING EROSION CONTROL MEASURES SHALL NOT BE CONSIDERED FOR ADDITIONAL COMPENSATION AND SHALL BE INCLUDED IN THE CONTRACT UNIT PRICES FOR THE VARIOUS EROSION CONTROL MEASURES. ALL EROSION AND SEDIMENTATION CONTROL MEASURES SHALL BE CHECKED BY A QUALIFIED CONTRACTOR REPRESENTATIVE AT LEAST ONCE EVERY SEVEN CALENDAR DAYS AND WITHIN 24 HOURS OF THE ENDING OF A 0.5" RAINFALL EVENT, AND CLEANED AND REPAIRED IN ACCORDANCE WITH THE FOLLOWING:

1. INLET PROTECTION DEVICES AND BARRIERS SHALL BE REPAIRED OR REPLACED IF THEY SHOW SIGNS OF UNDERMINING OR DETERIORATION.

2. ALL TURF AREAS SHALL BE CHECKED REGULARLY TO SEE THAT A GOOD STAND IS MAINTAINED. AREAS SHOULD BE FERTILIZED, WATERED, AND RE-SEEDED AS NEEDED.

3. PERIMETER EROSION CONTROL SYSTEMS SHALL BE REPAIRED TO THEIR ORIGINAL CONDITIONS IF DAMAGED. SEDIMENT SHALL BE REMOVED WHEN IT REACHES ONE-HALF THE HEIGHT OF THE CONTROL DEVICE.

4. THE SITE SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING OR FLOW OF DEBRIS ONTO ADJACENT PAVEMENTS AND DRIVEWAYS. THIS MAY REQUIRE PERIODIC SEDIMENT REMOVAL BY THE CONTRACTOR AS CONDITIONS DEMAND.

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PLOT DATE = 8/18/2023	DATE - AUG 2023	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

STORM WATER POLLUTION PREVENTION PLANS
MAXWELL ROAD BRIDGE REHABILITATION

SCALE: 1"=20' | SHEET 4 OF 4 SHEETS | STA. ___+__.__ | TO STA. ___+__.__

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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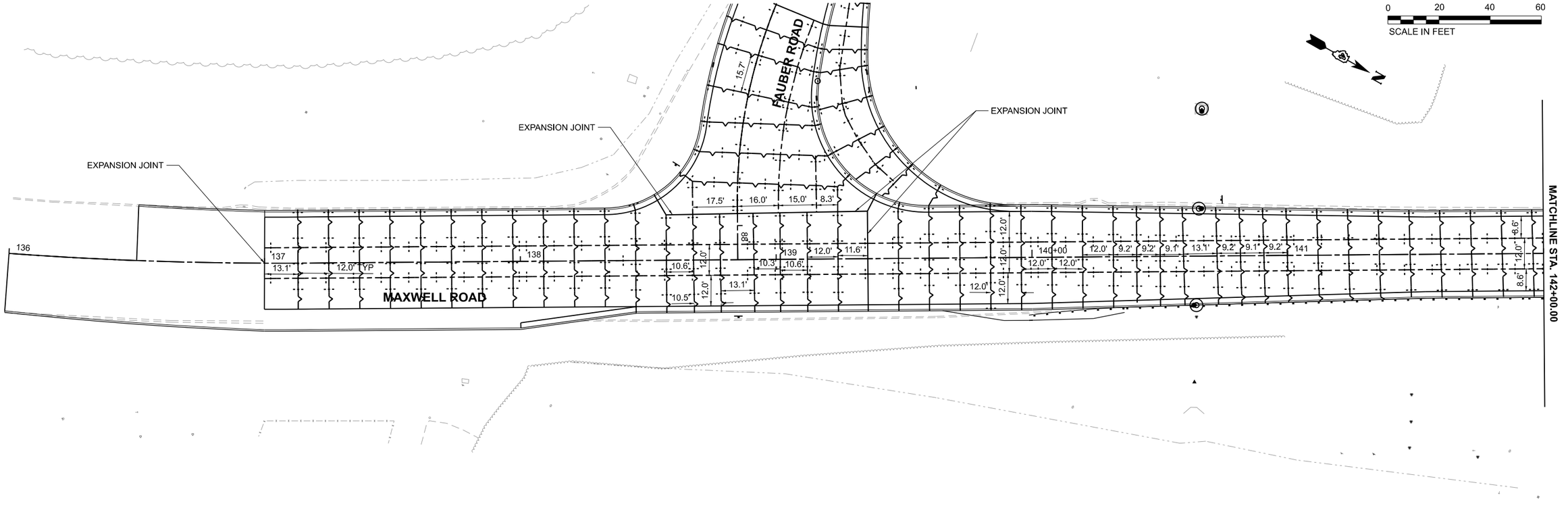
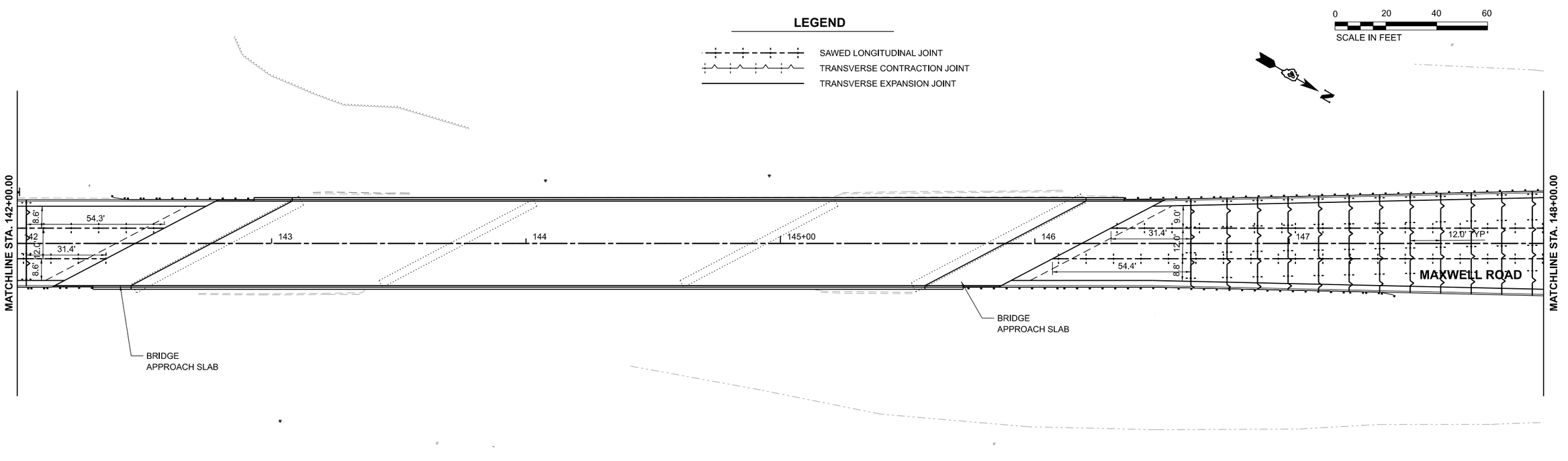
		CONTRACT NO.89815		
	ILLINOIS	FED. AID PROJECT		





MODEL: MaxwellCL - Plan 1 [Sheet]
FILE NAME: L:\Peoria\CO\210120\01_Maxwell\Rdwy\Jointing\120101RoadwayMaxwell_Jointing.dgn

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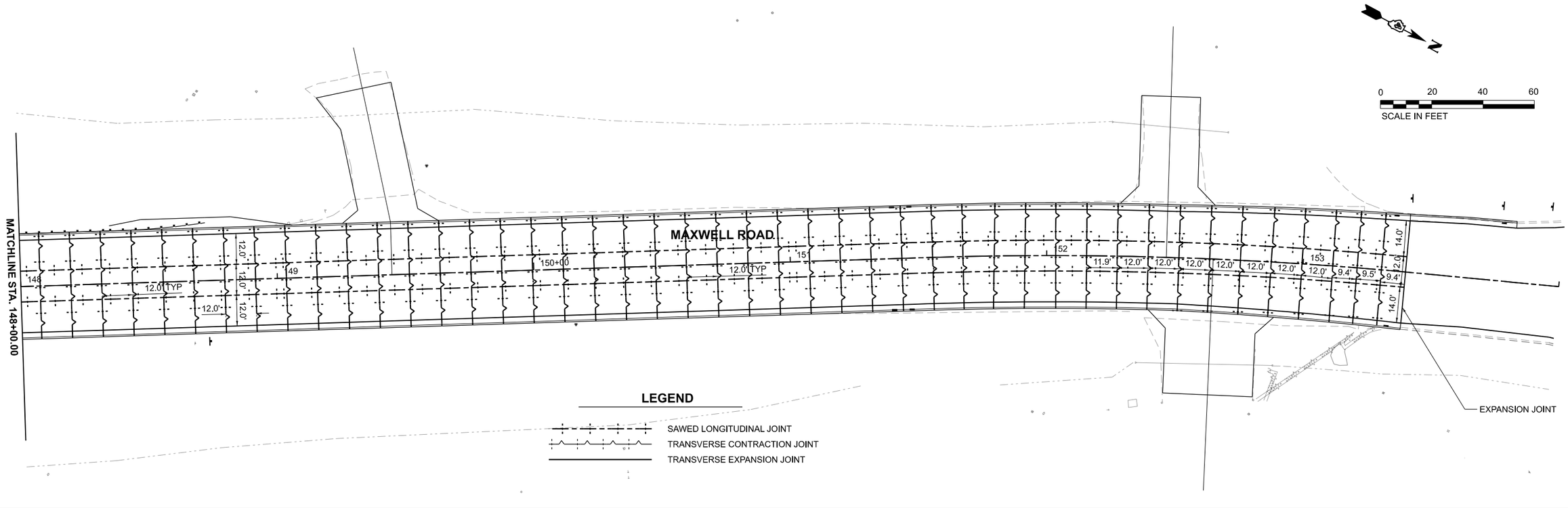
PLOT SCALE = 0.16666633 ' / In.	CHECKED - EMM	REVISED -	
PLOT DATE = 8/18/2023	DATE - AUG 2023	REVISED -	

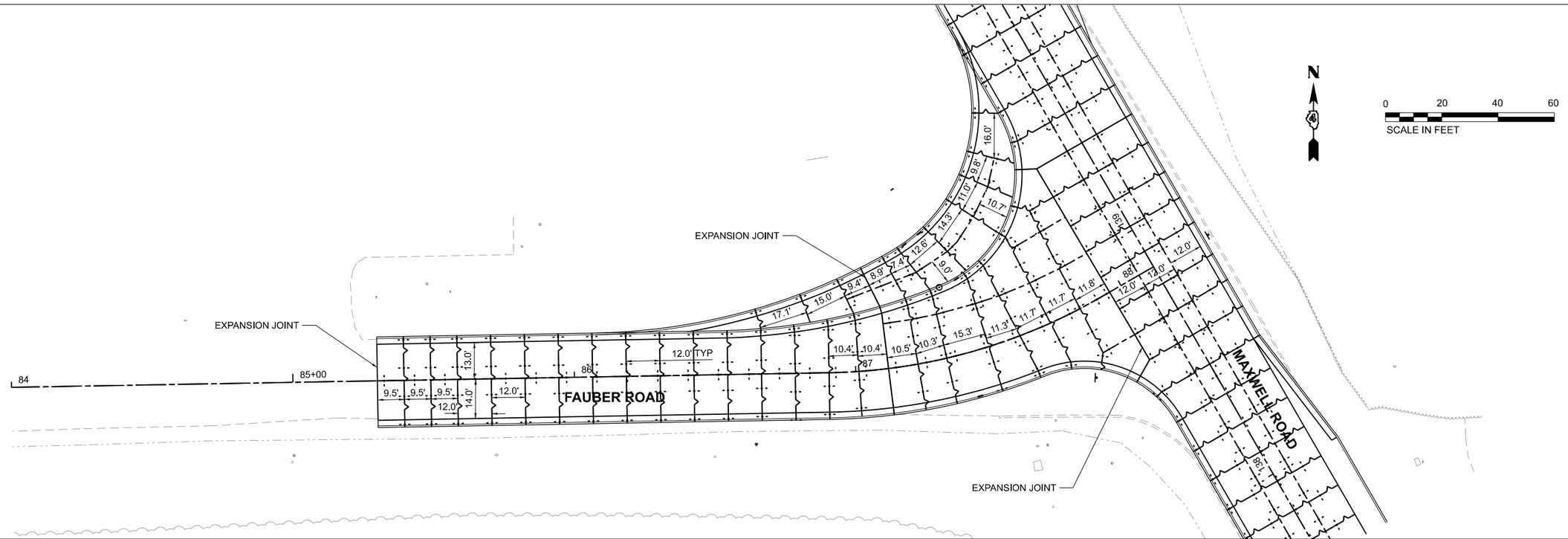
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PAVEMENT JOINTING PLANS
MAXWELL ROAD BRIDGE REHABILITATION

SCALE: 1"=20' | SHEET 1 OF 2 SHEETS | STA. 136+00.00 | TO STA. 148+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6577	19-00115-00-BR	PEORIA	99	37
		CONTRACT NO. 89815		
		ILLINOIS	FED. AID PROJECT	





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PLOT DATE = 8/18/2023	DATE - AUG 2023	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PAVEMENT JOINTING PLANS
MAXWELL ROAD BRIDGE REHABILITATION

SCALE: 1"=20' | SHEET 2 OF 2 SHEETS | STA. 148+00.00 | TO STA. 154+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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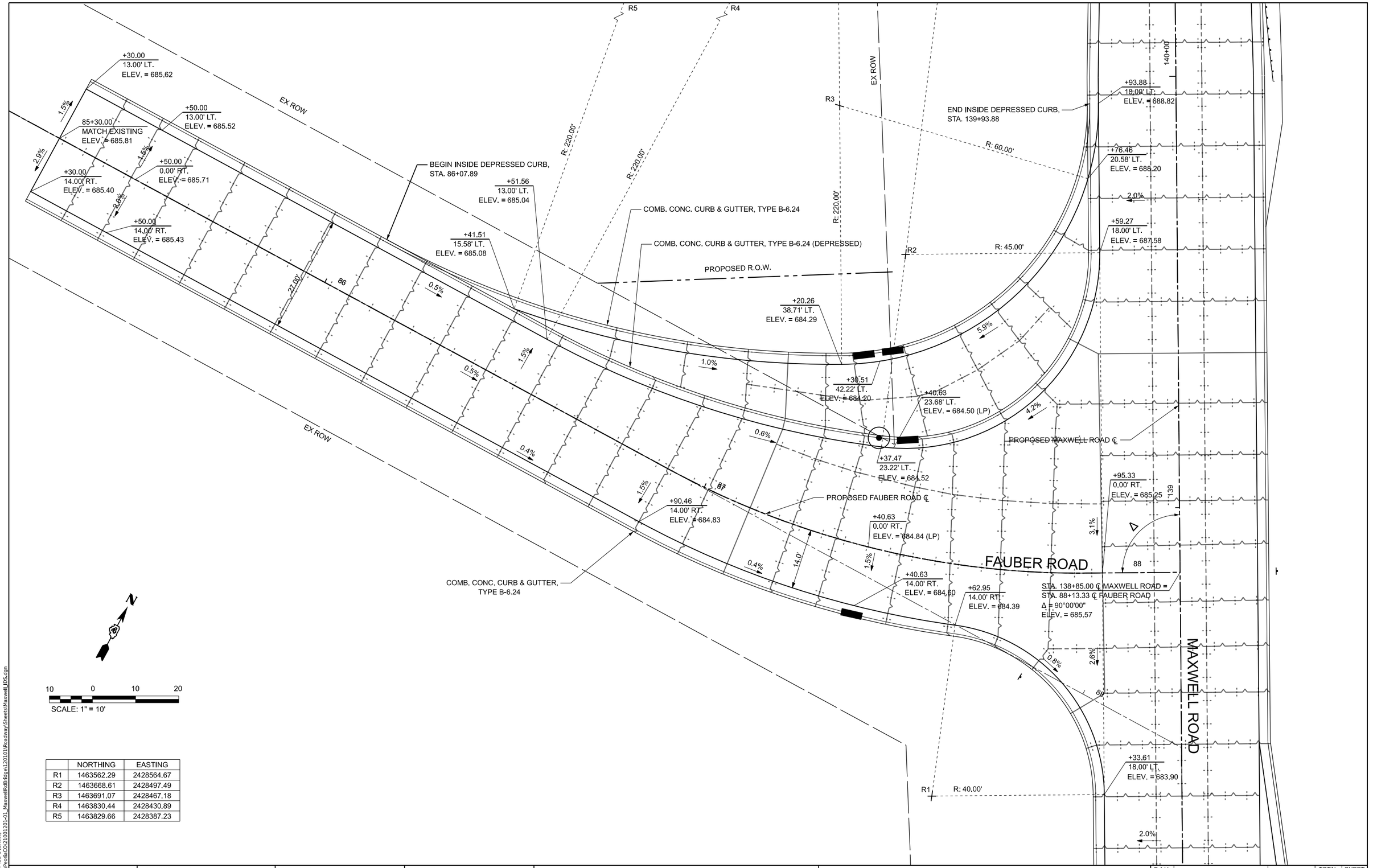
		CONTRACT NO. 89815		
	ILLINOIS	FED. AID PROJECT		



	NORTHING	EASTING
R1	1463562.29	2428564.67
R2	1463668.61	2428497.49
R3	1463691.07	2428467.18
R4	1463830.44	2428430.89
R5	1463829.66	2428387.23

MODEL: Fauber IDS-1 [Sheet]
FILE NAME: L:\Peoria\CO\21001201-01_Maxwell\Rdbl\dgn\21001201Roadway\Sheets\MaxwellIDS.dgn

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	DRAWN - IHS	REVISED -	
PLOT SCALE = 0.16666633 ' / in.	CHECKED - EMM	REVISED -	
PLOT DATE = 8/18/2023	DATE - AUG 2023	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

INTERSECTION DETAIL
MAXWELL ROAD BRIDGE REHABILITATION

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

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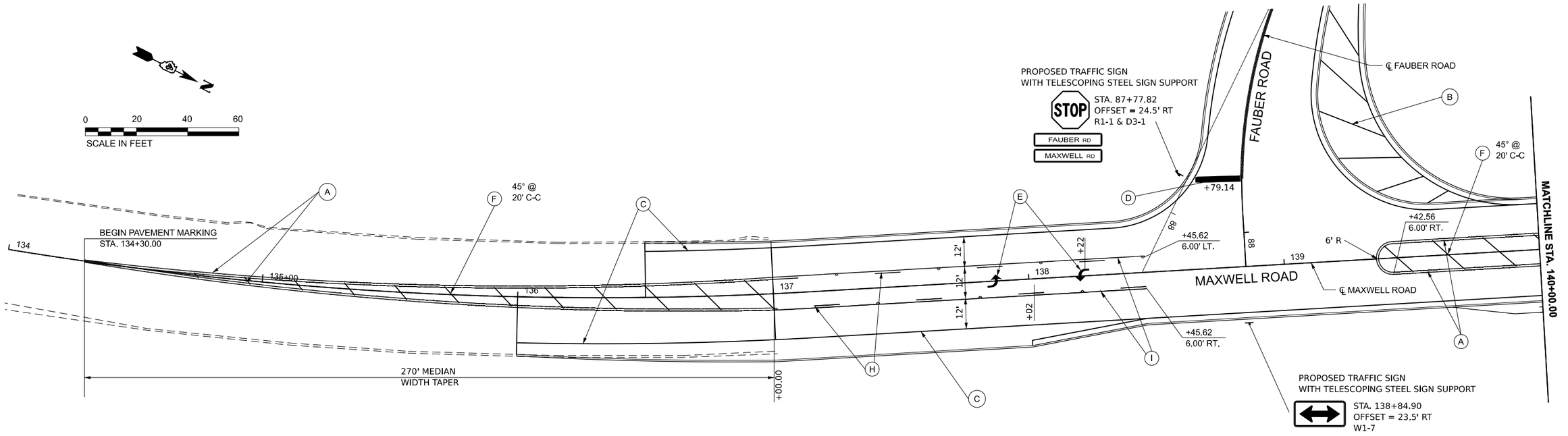
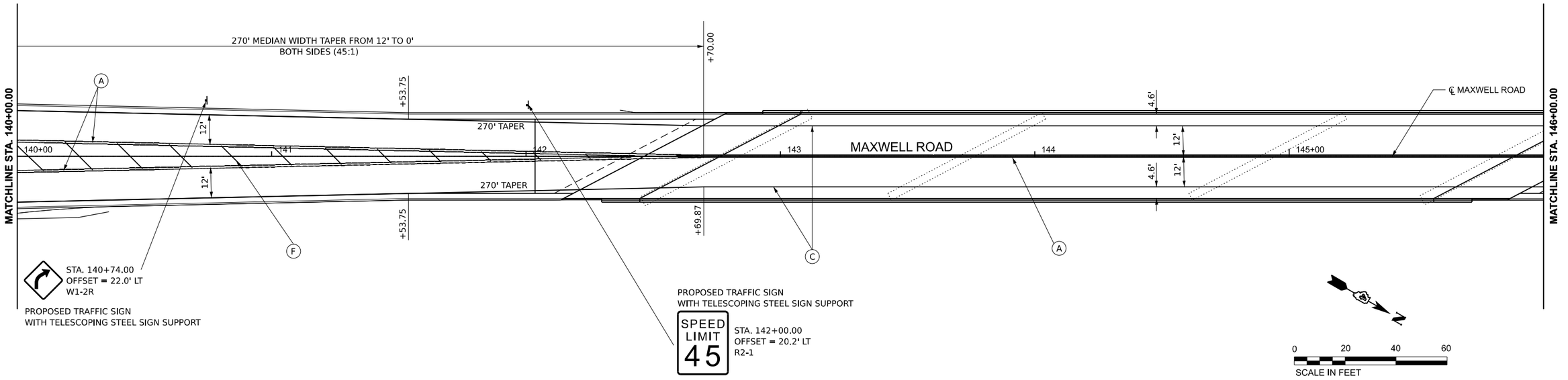
		ILLINOIS	FED. AID PROJECT	



LEGEND

- (A) DOUBLE YELLOW MODIFIED URETHANE PAVEMENT MARKING - LINE 4"
- (B) WHITE MODIFIED URETHANE PAVEMENT MARKING - LINE 8"
- (C) WHITE MODIFIED URETHANE PAVEMENT MARKING - LINE 4"
- (D) WHITE MODIFIED URETHANE PAVEMENT MARKING - LINE 24"
- (E) WHITE MODIFIED URETHANE PAVEMENT MARKING - LETTERS AND SYMBOLS
- (F) YELLOW MODIFIED URETHANE PAVEMENT MARKING - LINE 12"
- (G) WHITE MODIFIED URETHANE PAVEMENT MARKING - LINE 12"
- (H) YELLOW MODIFIED URETHANE PAVEMENT MARKING - LINE 4" (10' LONG, 30' GAP)
- (I) YELLOW MODIFIED URETHANE PAVEMENT MARKING - LINE 4"



MODEL: Maxwell PMK and Signing - Plan 1 [Sheet]
FILE NAME: L:\Pavers\COD\2100120\d01_Maxwell\Bridge\2100120101Roadway\Sheets\Maxwell_PMK & Signing Plans.dgn

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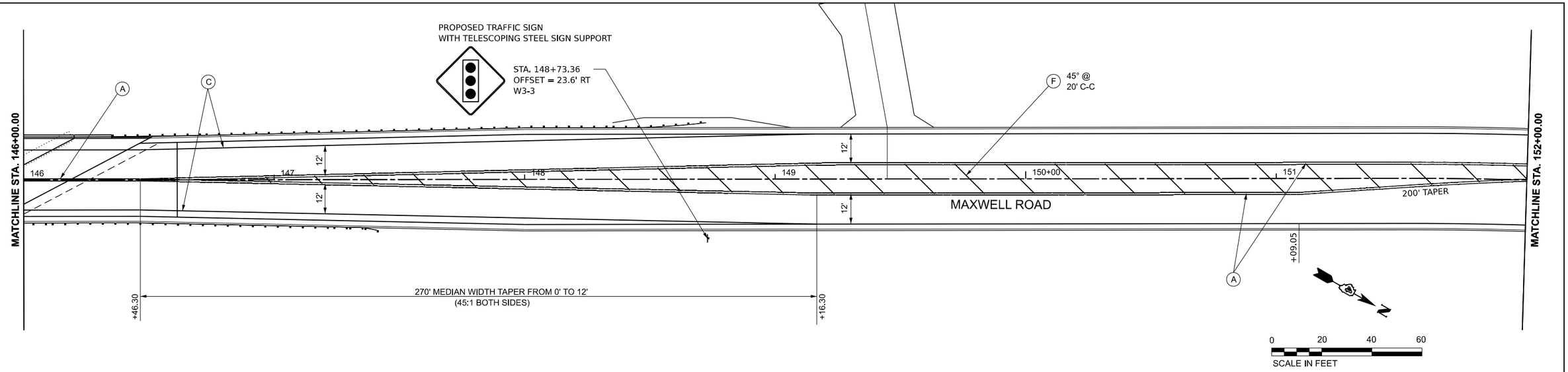
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING AND SIGNING PLANS
MAXWELL ROAD BRIDGE REHABILITATION

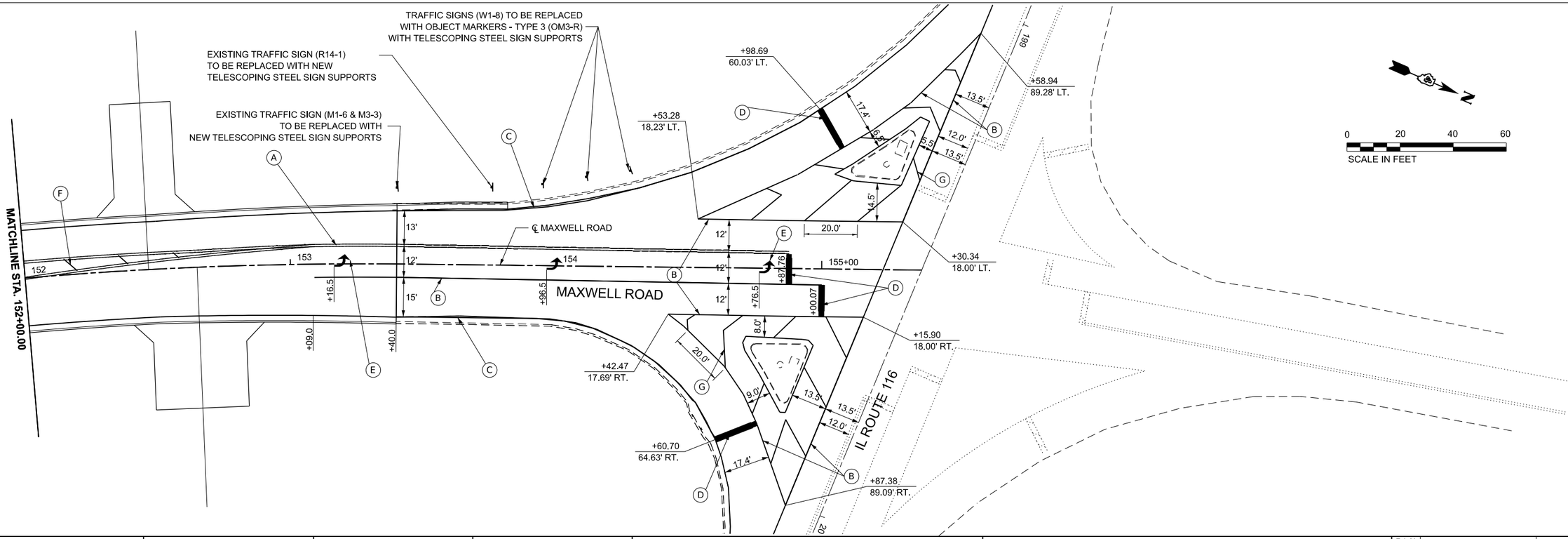
SCALE: 1"=20' | SHEET 1 OF 3 SHEETS | STA. 134+00 TO STA. 146+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6577	19-00115-00-BR	PEORIA	99	40
		CONTRACT NO. 89815		
		ILLINOIS	FED. AID PROJECT	



LEGEND

- (A) DOUBLE YELLOW MODIFIED URETHANE PAVEMENT MARKING - LINE 4"
- (B) WHITE MODIFIED URETHANE PAVEMENT MARKING - LINE 8"
- (C) WHITE MODIFIED URETHANE PAVEMENT MARKING - LINE 4"
- (D) WHITE MODIFIED URETHANE PAVEMENT MARKING - LINE 24"
- (E) WHITE MODIFIED URETHANE PAVEMENT MARKING - LETTERS AND SYMBOLS
- (F) YELLOW MODIFIED URETHANE PAVEMENT MARKING - LINE 12"
- (G) WHITE MODIFIED URETHANE PAVEMENT MARKING - LINE 12"
- (H) YELLOW MODIFIED URETHANE PAVEMENT MARKING - LINE 4" (10' LONG, 30' GAP)
- (I) YELLOW MODIFIED URETHANE PAVEMENT MARKING - LINE 4"



CMT	USER NAME = zslechta	DESIGNED - IHS	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION
License No. 184-000613		DRAWN - IHS	REVISED -	
© Copyright CMT, Inc.	PLOT SCALE = 0.16666633 ' / In.	CHECKED - EMM	REVISED -	
	PLOT DATE = 8/18/2023	DATE - AUG 2023	REVISED -	

PAVEMENT MARKING AND SIGNING PLANS
MAXWELL ROAD BRIDGE REHABILITATION

SCALE: 1"=20' | SHEET 2 OF 3 SHEETS | STA. 146+00 TO STA. 155+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6577	19-00115-00-BR	PEORIA	99	41
		CONTRACT NO. 89815		
		ILLINOIS	FED. AID PROJECT	

MODEL: Maxwell PMK and Signing - Plan 3 [Sheet]
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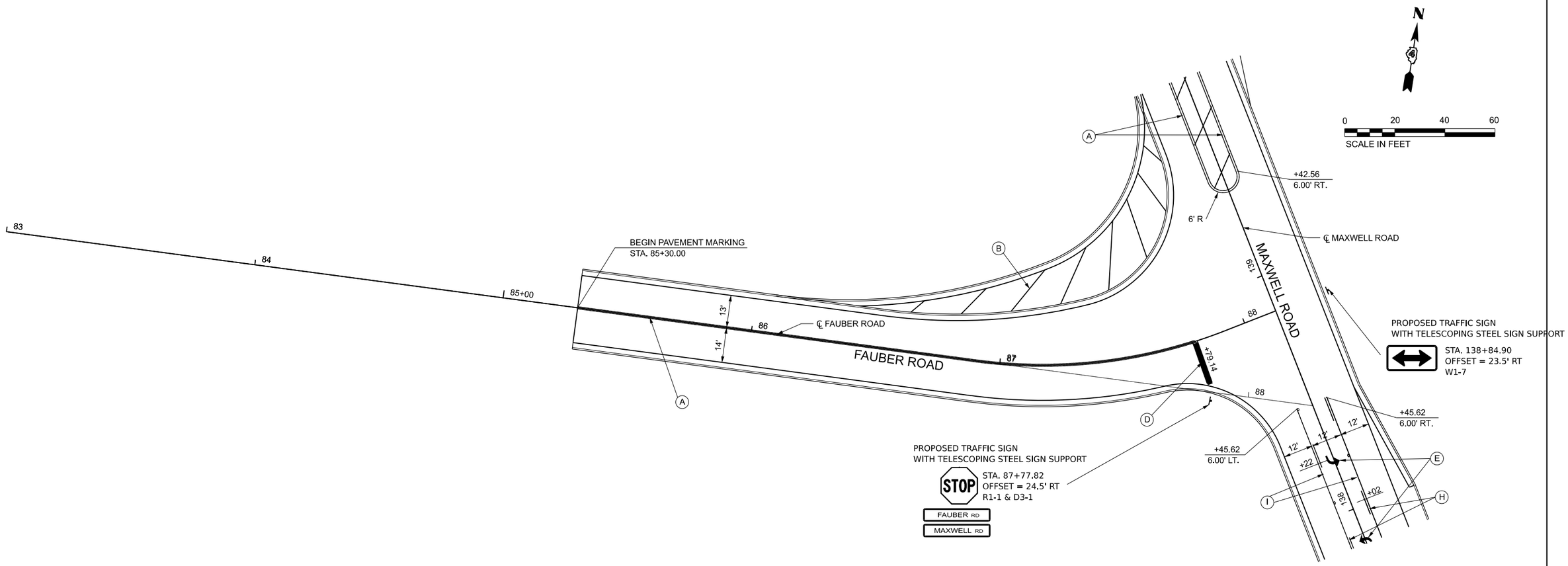

LEGEND

- (A) DOUBLE YELLOW MODIFIED URETHANE PAVEMENT MARKING - LINE 4"
- (B) WHITE MODIFIED URETHANE PAVEMENT MARKING - LINE 8"
- (C) WHITE MODIFIED URETHANE PAVEMENT MARKING - LINE 4"
- (D) WHITE MODIFIED URETHANE PAVEMENT MARKING - LINE 24"
- (E) WHITE MODIFIED URETHANE PAVEMENT MARKING - LETTERS AND SYMBOLS
- (F) YELLOW MODIFIED URETHANE PAVEMENT MARKING - LINE 12"
- (G) WHITE MODIFIED URETHANE PAVEMENT MARKING - LINE 12"
- (H) YELLOW MODIFIED URETHANE PAVEMENT MARKING - LINE 4" (10' LONG, 30' GAP)
- (I) YELLOW MODIFIED URETHANE PAVEMENT MARKING - LINE 4"

MODEL: Maxwell PMK and Signing - Plan S+1 [Sheet]
FILE NAME: L:\Peoria\CO\21001201-01_Maxwell\RdBrdg\st\120101\Roadway\Sheets\Maxwell_PMK & Signing Plans.dgn

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License No. 184-000613

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PLOT SCALE = 0.16666633 ' / In.	CHECKED - EMM	REVISED -
PLOT DATE = 8/18/2023	DATE - AUG 2023	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING AND SIGNING PLANS
MAXWELL ROAD BRIDGE REHABILITATION

SCALE: 1"=20' | SHEET 3 OF 3 SHEETS | STA. 85+30.00 | TO STA. 88+33.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6577	19-00115-00-BR	PEORIA	99	42
		CONTRACT NO. 89815		
	ILLINOIS	FED. AID PROJECT		

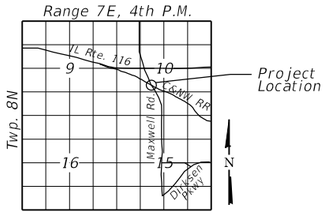
Bench Mark: Top of ROW marker in NW Quad of Maxwell Road and Fauber Road. Elev. 685.59

Existing Structure: S.N. 072-3072 originally built in 1968 as F.A.S. Route 1392. There has been no major renovations to the structure. The existing structure consists of 3 continuous spans of reinforced concrete deck on steel plate girders. The reinforced concrete stub abutments and multi-column piers are supported by steel H-piles. The back to back abutment length is 314'-3" and the out to out deck width is 36'-0".

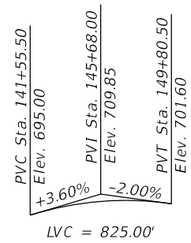
Scope of Work: The superstructure is to be removed and replaced. Repair work will take place for the abutments and slope walls.

The bridge will be closed and no staging will be required during construction.

No salvage.



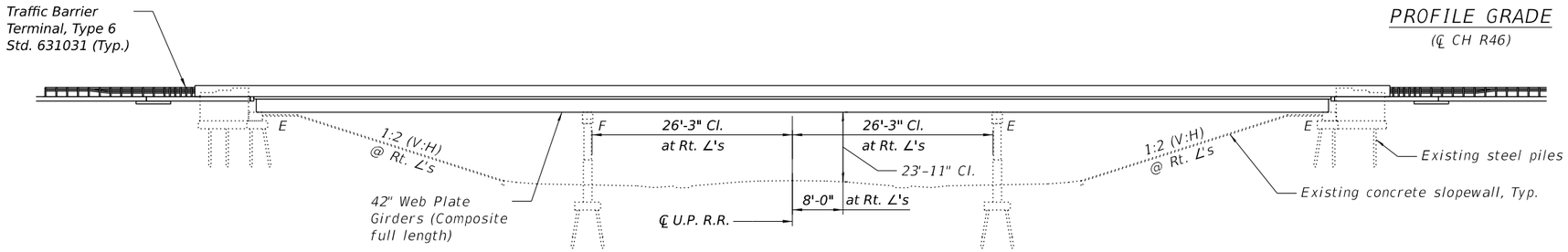
LOCATION SKETCH



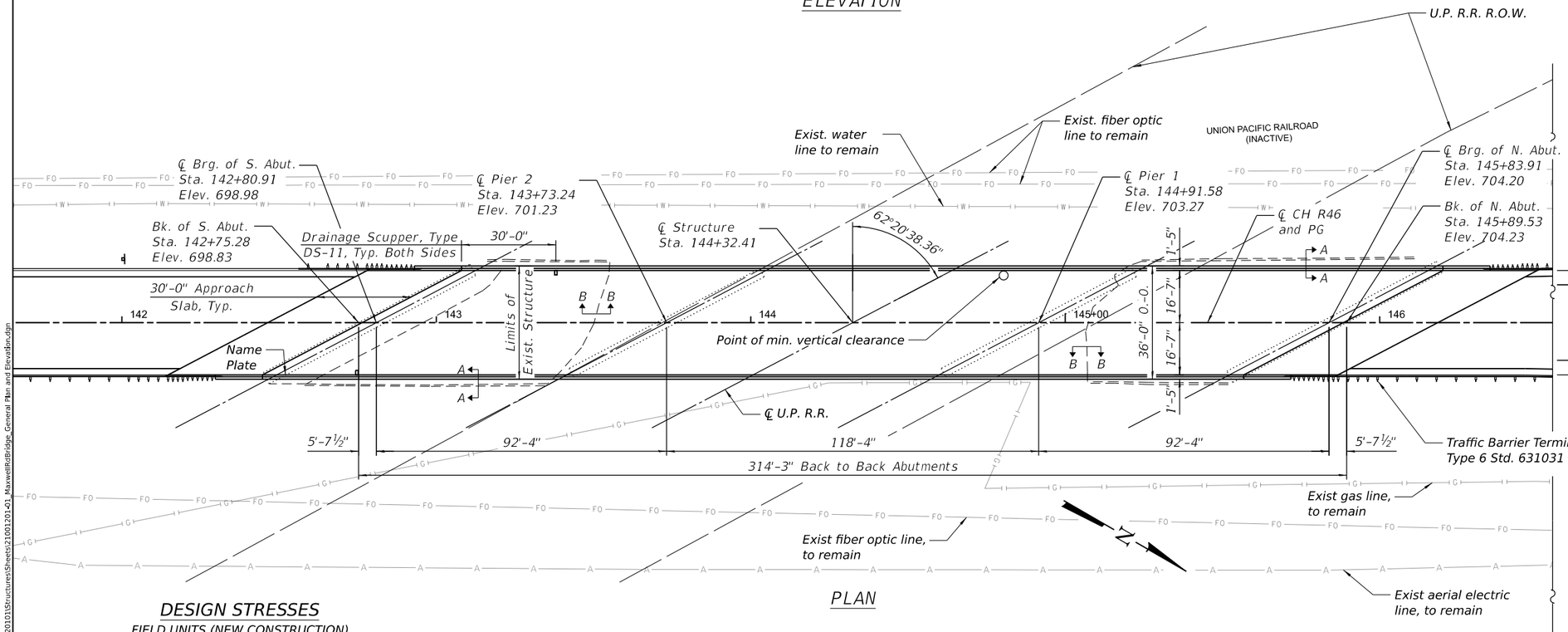
LVC = 825.00'

PROFILE GRADE

(℄ CH R46)



ELEVATION



PLAN

INDEX OF SHEETS

LICENSED STRUCTURAL ENGINEER
JOSEPH T. HEGER
081-008156
STATE OF ILLINOIS

8-18-23
Exp. Date 11/30/2024

I certify that to the best of my knowledge, information and belief, this bridge design is structurally adequate for the design loading shown on the plans. The design is an economical one for the style of structure and complies with requirements of the current "AASHTO LRFD Bridge Design Specifications".

DESIGN STRESSES

FIELD UNITS (NEW CONSTRUCTION)

f'c = 3,500 psi
f'c = 4,000 psi (Superstructure Concrete)
fy = 60,000 psi (Reinforcement)
fy = 50,000 psi (M270 Grade 50W)

FIELD UNITS (EXIST. CONSTRUCTION)

fc = 1,400 psi
fy = 20,000 psi (Reinforcement)
fy = 20,000 psi (Structural Steel)

Note:
See Sheet 23 of 31 for Sections A-A and B-B.

LOADING HL-93

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

DESIGN SPECIFICATIONS

2020 AASHTO LRFD Bridge Design Specifications, 9th Edition

SEISMIC DATA

Seismic Performance Zone (SPZ) = 1
Design Spectral Acceleration at 1.0 sec. (S_1) = 0.078
Design Spectral Acceleration at 0.2 sec. (S_s) = 0.13
Soil Site Class = C

GENERAL PLAN & ELEVATION
F.A.U. RTE. 6577 (CH R46)
OVER UNION PACIFIC RAILROAD PROPERTY
SEC. 19-00115-00-BR
PEORIA COUNTY
STATION 144+32.41
STRUCTURE NO. 072-3072

CMT
License No. 184-000613

USER NAME = thasty	DESIGNED - TRH	REVISED -	
	DRAWN - TRH	REVISED -	
PLOT SCALE = 0.16666633 ' / in.	CHECKED - CJW	REVISED -	
PLOT DATE = 8/17/2023	DATE - 08/18/2023	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

GENERAL PLAN AND ELEVATION
STRUCTURE NO. 072-3072
SHEET 1 OF 31 SHEETS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6577	19-00115-00-BR	PEORIA	99	43
		CONTRACT NO. 89815		
	ILLINOIS	FED. AID PROJECT		

MODEL: General Plan and Elevation [Sheet]
FILE NAME: I:\Peoria\C021001201-01_MaxwellRdBridge\120101\Structures\Sheets\21001201-01_MaxwellRdBridge_General Plan and Elevation.dgn

GENERAL NOTES

1. Fasteners shall be ASTM F 3125 Grade A325 Type 1, mechanically galvanized bolts in painted or coated metallized areas. Fasteners shall be ASTM F 3125 Grade A325 Type 1, hot-dipped galvanized in uncoated areas. Fasteners shall be ASTM F3125 Grade A325 Type 3 weathering steel bolts in unpainted areas. Bolts $\frac{7}{8}$" in. diameter, holes $\frac{15}{16}$" in. diameter, unless otherwise noted.

2. Calculated weight of Structural Steel = 386,550 LBS (AASHTO M270 Grade 50W), 4,710 LBS (AASHTO M270 Grade 50).

3. All structural steel shall be AASHTO M270 Grade 50W (except expansion joints and expansion bearings at the abutments which shall be AASHTO M270 Grade50).

4. No field welding is permitted except as specified in the contract documents.

5. Reinforcement bars designated (E) shall be epoxy coated.

6. The concrete for bridge decks finished according to Article 503.16(a) of the Standard Specifications shall be placed and compacted parallel to the skew in uniform increments along centerline of bridge. The machine used for finishing shall be set parallel to the skew for striking off and screeding the concrete.

7. Bearing seat surfaces shall be constructed or adjusted to the designated elevations within a tolerance of $\frac{1}{8}$ in. (0.01 ft.). Adjustment shall be made either by grinding the surface or by shimming the bearings.

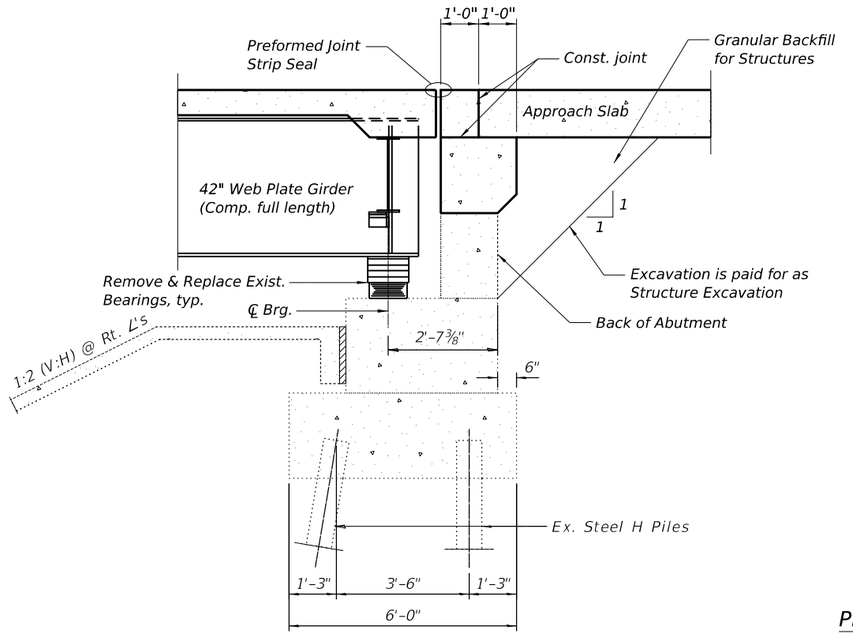
8. A film forming Concrete Sealer shall be applied to the designated areas of the new concrete exposed surfaces of abutment backwalls.

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

10. The existing structural steel coating contains lead. The Contractor shall take appropriate precautions to address the presence of lead on this project.

11. All structural steel and exposed surfaces and bearings within a distance of 10 ft. each way from the deck joints shall be painted using the Organic Zinc-Rich/Epoxy/Urethane paint system as specified in Section 506 of the Standard Specifications. The color of the topcoat shall match Aerospace Material Specification Standard 595 20045.

12. Elevations in existing plan sheets are based on Vertical Datum NGVD 29. Design elevations presented in the plans are based on Vertical Datum NAVD 88.



SECTION THRU PILE SUPPORTED STUB ABUTMENT

(Horiz. dim. @ Rt. ℒ's)

TOTAL BILL OF MATERIAL

ITEM	UNIT	SUPER	SUB	TOTAL
Removal of Existing Superstructures No. 1	Each	1		1
Concrete Removal	Cu. Yd.		34.0	34.0
Slope Wall Removal	Sq. Yd.		144	144
Structure Excavation	Cu. Yd.		88.5	88.5
Concrete Structures	Cu. Yd.		70.6	70.6
Concrete Superstructure	Cu. Yd.	391.6		391.6
Bridge Deck Grooving	Sq. Yd.	1,289		1,289
Protective Coat	Sq. Yd.	1,692		1,692
Concrete Superstructure (Approach Slab)	Cu. Yd.	98.0		98.0
Furnishing and Erecting Structural Steel	L. Sum	1		1
Stud Shear Connectors	Each	4,635		4,635
Reinforcement Bars, Epoxy Coated	Pound	175,630	5,570	181,200
Slope Wall, 4 Inch	Sq. Yd.		144	144
Name Plates	Each	1		1
Preformed Joint Strip Seal	Foot	149		149
Elastomeric Bearing Assembly, Type I	Each		15	15
Anchor Bolts, 3/4"	Each		20	20
Anchor Bolts, 1"	Each		18	18
Granular Backfill for Structures	Cu. Yd.		184.8	184.8
Concrete Sealer	Sq. Ft.		581	581
Epoxy Crack Injection	Foot		125	125
Drainage Scuppers, DS-11	Each	2		2

PEORIA COUNTY HIGHWAY DEPARTMENT BENCH MARK

The bronze tablet, to be installed as the bench mark, shall be furnished by the Peoria County Highway Department and installed by the contractor.
The bench mark shall be installed on the level area at the southwest parapet of the proposed south approach slab, as shown on Sheet 10 of 31.
The bench mark shall be placed under the direction of the Engineer and shall be installed in a workmanlike manner.
The installation of the bench mark shall be included in the cost for Concrete Structures.
The elevation shall be permanently marked by the use of medal dies after the bench mark has been installed. The elevation will be based on U.S.G.S. datum. The elevation shall be established by a registered professional land surveyor and shall be included in the cost of Concrete Structures.

STA. 144+32.41
RE-BUILT 202_ BY
PEORIA COUNTY HIGHWAY DEPT.
F.A.U. RTE. 6577 (CH R46)
SEC. 19-00115-00-BR
LOADING HL-93
STR. NO. 072-3072

NAME PLATE

See Std. 515001

Note:
Existing Name Plate shall be cleaned and relocated next to new Name Plate. Cost included with Name Plates.

MODEL: General Data [Sheet]
FILE NAME: L:\Peoria\CO\21001201-01_MaxwellRdBridge\12010\Structures\Sheets\21001201-01_MaxwellRdBridge_General Data.dgn

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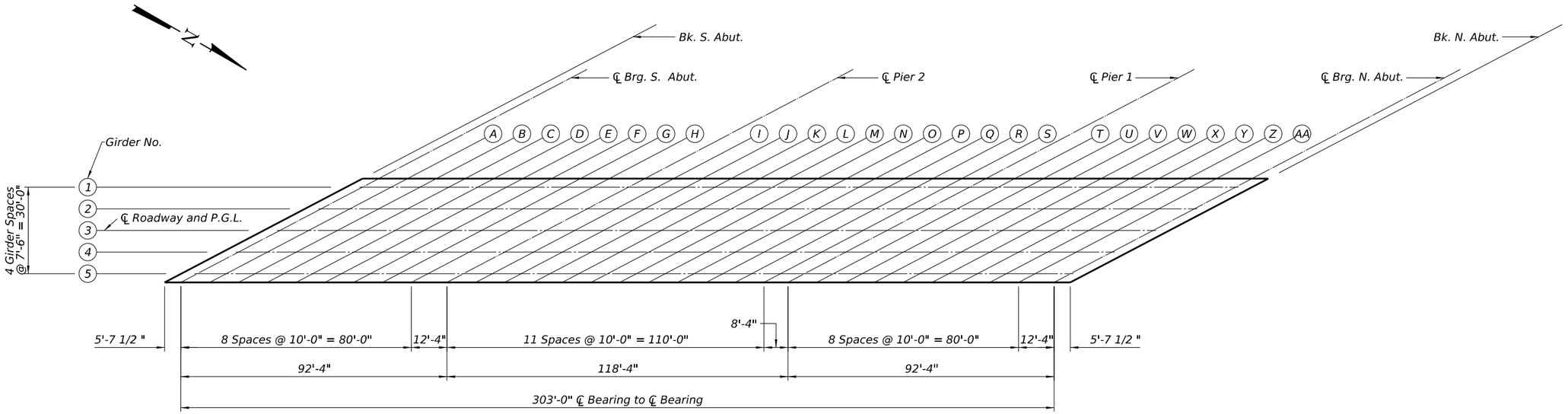
PLOT SCALE = 0.16666633 ' / in.	CHECKED - CJW	REVISED -	
PLOT DATE = 8/18/2023	DATE - 08/18/2023	REVISED -	

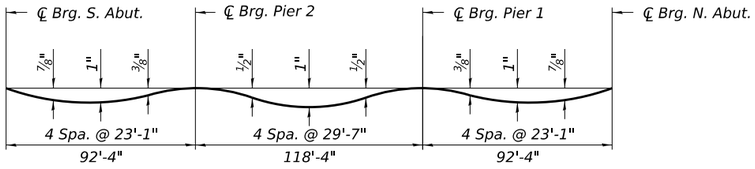
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

GENERAL DATA
STRUCTURE NO. 072-3072
SHEET 2 OF 31 SHEETS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6577	19-00115-00-BR	PEORIA	99	44
		CONTRACT NO. 89815		
	ILLINOIS	FED. AID PROJECT		



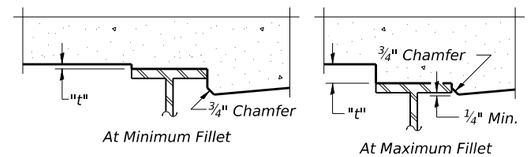
LAYOUT PLAN FOR DECK ELEVATIONS



DEAD LOAD DEFLECTION DIAGRAM

(Includes weight of concrete only.)

Note:
The above deflections are not to be used in the field if the engineer is working from the grade elevations adjusted for dead load deflections as shown on the following sheet.



To determine "t": After all structural steel has been erected, elevations of the top flanges of the beams shall be taken at intervals shown below. These elevations subtracted from the "Theoretical Grade Elevations Adjusted for Dead Load Deflection" shown below, minus slab thickness, equals the fillet heights "t" above top flange of beams.

FILLET HEIGHTS

MODEL: Deck Elevations 1 [Sheet]
FILE NAME: L:\Peoria\CO\21001201-01_MaxwellRdBridge\12101\Structures\Sheets\21001201-01_MaxwellRdBridge_Deck Elevations 1.dgn

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License No. 184-000613

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	DRAWN - TRH	REVISED -		
PLOT SCALE = 0.16666633 ' / in.	CHECKED - CJW	REVISED -		SHEET 3 OF 31 SHEETS
PLOT DATE = 8/18/2023	DATE - 08/18/2023	REVISED -		

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6577	19-00115-00-BR	PEORIA	99	45
		CONTRACT NO. 89815		
		ILLINOIS	FED. AID PROJECT	

GIRDER 1

LOCATION	STATION	OFFSET	THEORETICAL GRADE ELEVATION	THEORETICAL GRADE ELEVATION ADJUSTED FOR DEAD LOAD DEFLECTION
Bk. S. Abut.	143+03.91	-15.00	699.37	699.37
℄ Brg. S. Abut.	143+09.53	-15.00	699.52	699.52
A	143+19.53	-15.00	699.77	699.81
B	143+29.53	-15.00	700.01	700.08
C	143+39.53	-15.00	700.25	700.33
D	143+49.53	-15.00	700.48	700.56
E	143+59.53	-15.00	700.71	700.78
F	143+69.53	-15.00	700.93	700.98
G	143+79.53	-15.00	701.14	701.17
H	143+89.53	-15.00	701.34	701.36
℄ Pier 2	144+01.87	-15.00	701.59	701.59
I	144+11.87	-15.00	701.78	701.78
J	144+21.87	-15.00	701.96	701.98
K	144+31.87	-15.00	702.13	702.17
L	144+41.87	-15.00	702.30	702.36
M	144+51.87	-15.00	702.47	702.53
N	144+61.87	-15.00	702.62	702.70
O	144+71.87	-15.00	702.77	702.84
P	144+81.87	-15.00	702.91	702.97
Q	144+91.87	-15.00	703.05	703.09
R	145+01.87	-15.00	703.17	703.20
S	145+11.87	-15.00	703.30	703.30
℄ Pier 1	145+20.20	-15.00	703.39	703.39
T	145+30.20	-15.00	703.50	703.51
U	145+40.20	-15.00	703.60	703.62
V	145+50.20	-15.00	703.70	703.74
W	145+60.20	-15.00	703.79	703.85
X	145+70.20	-15.00	703.87	703.94
Y	145+80.20	-15.00	703.94	704.02
Z	145+90.20	-15.00	704.01	704.08
AA	146+00.20	-15.00	704.07	704.11
℄ Brg. N. Abut.	146+12.53	-15.00	704.14	704.14
Bk. N. Abut.	146+18.16	-15.00	704.17	704.17

GIRDER 2

LOCATION	STATION	OFFSET	THEORETICAL GRADE ELEVATION	THEORETICAL GRADE ELEVATION ADJUSTED FOR DEAD LOAD DEFLECTION
Bk. S. Abut.	142+89.60	-7.50	699.11	699.11
℄ Brg. S. Abut.	142+95.22	-7.50	699.26	699.26
A	143+05.22	-7.50	699.52	699.55
B	143+15.22	-7.50	699.77	699.84
C	143+25.22	-7.50	700.02	700.10
D	143+35.22	-7.50	700.26	700.35
E	143+45.22	-7.50	700.50	700.57
F	143+55.22	-7.50	700.73	700.78
G	143+65.22	-7.50	700.95	700.98
H	143+75.22	-7.50	701.16	701.17
℄ Pier 2	143+87.55	-7.50	701.42	701.42
I	143+97.55	-7.50	701.61	701.62
J	144+07.55	-7.50	701.81	701.83
K	144+17.55	-7.50	701.99	702.04
L	144+27.55	-7.50	702.17	702.23
M	144+37.55	-7.50	702.34	702.42
N	144+47.55	-7.50	702.51	702.59
O	144+57.55	-7.50	702.67	702.74
P	144+67.55	-7.50	702.82	702.88
Q	144+77.55	-7.50	702.96	703.00
R	144+87.55	-7.50	703.10	703.12
S	144+97.55	-7.50	703.23	703.24
℄ Pier 1	145+05.89	-7.50	703.34	703.34
T	145+15.89	-7.50	703.46	703.46
U	145+25.89	-7.50	703.57	703.59
V	145+35.89	-7.50	703.67	703.72
W	145+45.89	-7.50	703.77	703.84
X	145+55.89	-7.50	703.86	703.94
Y	145+65.89	-7.50	703.95	704.03
Z	145+75.89	-7.50	704.03	704.09
AA	145+85.89	-7.50	704.10	704.14
℄ Brg. N. Abut.	145+98.22	-7.50	704.18	704.18
Bk. N. Abut.	146+03.85	-7.50	704.21	704.21

GIRDER 3 AND P.G.L.

LOCATION	STATION	OFFSET	THEORETICAL GRADE ELEVATION	THEORETICAL GRADE ELEVATION ADJUSTED FOR DEAD LOAD DEFLECTION
Bk. S. Abut.	142+75.28	0.00	698.83	698.83
℄ Brg. S. Abut.	142+80.91	0.00	698.98	698.98
A	142+90.91	0.00	699.25	699.29
B	143+00.91	0.00	699.52	699.58
C	143+10.91	0.00	699.78	699.86
D	143+20.91	0.00	700.03	700.11
E	143+30.91	0.00	700.27	700.34
F	143+40.91	0.00	700.51	700.56
G	143+50.91	0.00	700.74	700.77
H	143+60.91	0.00	700.96	700.98
℄ Pier 2	143+73.24	0.00	701.23	701.23
I	143+83.24	0.00	701.44	701.45
J	143+93.24	0.00	701.64	701.67
K	144+03.24	0.00	701.84	701.88
L	144+13.24	0.00	702.03	702.09
M	144+23.24	0.00	702.21	702.28
N	144+33.24	0.00	702.38	702.46
O	144+43.24	0.00	702.55	702.63
P	144+53.24	0.00	702.71	702.77
Q	144+63.24	0.00	702.87	702.91
R	144+73.24	0.00	703.01	703.04
S	144+83.24	0.00	703.16	703.16
℄ Pier 1	144+91.58	0.00	703.27	703.27
T	145+01.58	0.00	703.40	703.40
U	145+11.58	0.00	703.52	703.54
V	145+21.58	0.00	703.63	703.68
W	145+31.58	0.00	703.74	703.81
X	145+41.58	0.00	703.84	703.92
Y	145+51.58	0.00	703.94	704.02
Z	145+61.58	0.00	704.02	704.09
AA	145+71.58	0.00	704.11	704.15
℄ Brg. N. Abut.	145+83.91	0.00	704.20	704.20
Bk. N. Abut.	145+89.53	0.00	704.23	704.23

GIRDER 4

LOCATION	STATION	OFFSET	THEORETICAL GRADE ELEVATION	THEORETICAL GRADE ELEVATION ADJUSTED FOR DEAD LOAD DEFLECTION
Bk. S. Abut.	142+60.97	7.50	698.31	698.31
℄ Brg. S. Abut.	142+66.60	7.50	698.47	698.47
A	142+76.60	7.50	698.75	698.79
B	142+86.60	7.50	699.03	699.09
C	142+96.60	7.50	699.29	699.37
D	143+06.60	7.50	699.55	699.64
E	143+16.60	7.50	699.81	699.88
F	143+26.60	7.50	700.06	700.11
G	143+36.60	7.50	700.30	700.33
H	143+46.60	7.50	700.53	700.54
℄ Pier 2	143+58.93	7.50	700.81	700.81
I	143+68.93	7.50	701.03	701.03
J	143+78.93	7.50	701.24	701.26
K	143+88.93	7.50	701.44	701.49
L	143+98.93	7.50	701.64	701.70
M	144+08.93	7.50	701.83	701.91
N	144+18.93	7.50	702.02	702.10
O	144+28.93	7.50	702.20	702.27
P	144+38.93	7.50	702.37	702.43
Q	144+48.93	7.50	702.53	702.57
R	144+58.93	7.50	702.69	702.71
S	144+68.93	7.50	702.84	702.85
℄ Pier 1	144+77.26	7.50	702.96	702.96
T	144+87.26	7.50	703.10	703.10
U	144+97.26	7.50	703.23	703.25
V	145+07.26	7.50	703.35	703.40
W	145+17.26	7.50	703.47	703.54
X	145+27.26	7.50	703.58	703.66
Y	145+37.26	7.50	703.69	703.77
Z	145+47.26	7.50	703.78	703.85
AA	145+57.26	7.50	703.87	703.92
℄ Brg. N. Abut.	145+69.60	7.50	703.98	703.98
Bk. N. Abut.	145+75.22	7.50	704.02	704.02

GIRDER 5

LOCATION	STATION	OFFSET	THEORETICAL GRADE ELEVATION	THEORETICAL GRADE ELEVATION ADJUSTED FOR DEAD LOAD DEFLECTION
Bk. S. Abut.	142+46.66	15.00	697.78	697.78
℄ Brg. S. Abut.	142+52.28	15.00	697.94	697.94
A	142+62.28	15.00	698.23	698.27
B	142+72.28	15.00	698.52	698.58
C	142+82.28	15.00	698.80	698.87
D	142+92.28	15.00	699.07	699.14
E	143+02.28	15.00	699.33	699.40
F	143+12.28	15.00	699.59	699.64
G	143+22.28	15.00	699.84	699.87
H	143+32.28	15.00	700.08	700.09
℄ Pier 2	143+44.62	15.00	700.37	700.37
I	143+54.62	15.00	700.60	700.61
J	143+64.62	15.00	700.82	700.84
K	143+74.62	15.00	701.04	701.07
L	143+84.62	15.00	701.24	701.30
M	143+94.62	15.00	701.44	701.51
N	144+04.62	15.00	701.64	701.72
O	144+14.62	15.00	701.83	701.90
P	144+24.62	15.00	702.01	702.06
Q	144+34.62	15.00	702.18	702.22
R	144+44.62	15.00	702.35	702.37
S	144+54.62	15.00	702.51	702.52
℄ Pier 1	144+62.95	15.00	702.64	702.64
T	144+72.95	15.00	702.78	702.79
U	144+82.95	15.00	702.93	702.95
V	144+92.95	15.00	703.06	703.10
W	145+02.95	15.00	703.19	703.25
X	145+12.95	15.00	703.31	703.38
Y	145+22.95	15.00	703.42	703.50
Z	145+32.95	15.00	703.53	703.59
AA	145+42.95	15.00	703.63	703.67
℄ Brg. N. Abut.	145+55.28	15.00	703.74	703.74
Bk. N. Abut.	145+60.91	15.00	703.79	703.79

MODEL: Deck Elevations 2 [Sheet]
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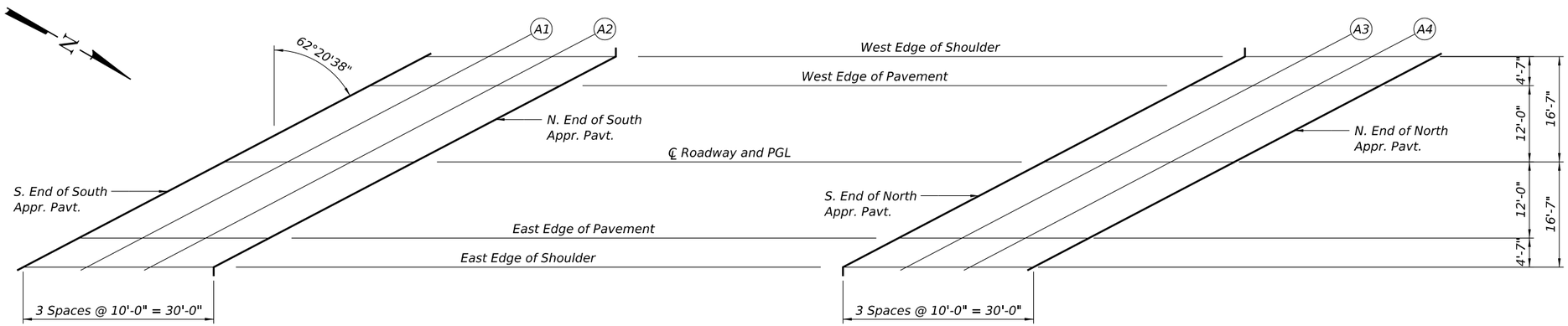
License No. 184-000613

USER NAME = zslechta		DESIGNED - TRH		REVISED -
		DRAWN - TRH		REVISED -
PLOT SCALE = 0.16666633 ' / in.		CHECKED - CJW		REVISED -
PLOT DATE = 8/18/2023		DATE - 08/18/2023		REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DECK ELEVATIONS II
STRUCTURE NO. 072-3072
SHEET 4 OF 31 SHEETS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6577	19-00115-00-BR	PEORIA	99	46
		CONTRACT NO. 89815		
	ILLINOIS	FED. AID PROJECT		



SOUTH APPROACH

NORTH APPROACH

PLAN

WEST EDGE OF SHOULDER

LOCATION	STATION	OFFSET	THEORETICAL GRADE ELEVATION
S. End of S. Appr.	142+78.01	-16.58	698.65
A1	142+88.01	-16.58	698.93
A2	142+98.01	-16.58	699.19
N. End of S. Appr.	143+08.01	-16.58	699.45

EAST EDGE OF PAVEMENT

LOCATION	STATION	OFFSET	THEORETICAL GRADE ELEVATION
S. End of S. Appr.	142+23.46	12.00	697.11
A1	142+33.46	12.00	697.42
A2	142+43.46	12.00	697.73
N. End of S. Appr.	142+53.46	12.00	698.02

WEST EDGE OF PAVEMENT

LOCATION	STATION	OFFSET	THEORETICAL GRADE ELEVATION
S. End of S. Appr.	142+69.26	-12.00	698.48
A1	142+79.26	-12.00	698.76
A2	142+89.26	-12.00	699.03
N. End of S. Appr.	142+99.26	-12.00	699.30

EAST EDGE OF SHOULDER

LOCATION	STATION	OFFSET	THEORETICAL GRADE ELEVATION
S. End of S. Appr.	142+14.72	16.58	696.77
A1	142+24.72	16.58	697.08
A2	142+34.72	16.58	697.39
N. End of S. Appr.	142+44.72	16.58	697.69

CENTERLINE ROADWAY AND PGL

LOCATION	STATION	OFFSET	THEORETICAL GRADE ELEVATION
S. End of S. Appr.	142+46.36	0.00	697.99
A1	142+56.36	0.00	698.29
A2	142+66.36	0.00	698.58
N. End of S. Appr.	142+76.36	0.00	698.86

WEST EDGE OF SHOULDER

LOCATION	STATION	OFFSET	THEORETICAL GRADE ELEVATION
S. End of N. Appr.	146+20.10	-16.58	704.15
A3	146+30.10	-16.58	704.19
A4	146+40.10	-16.58	704.23
N. End of N. Appr.	146+50.10	-16.58	704.26

EAST EDGE OF PAVEMENT

LOCATION	STATION	OFFSET	THEORETICAL GRADE ELEVATION
S. End of N. Appr.	145+65.56	12.00	703.88
A3	145+75.56	12.00	703.96
A4	145+85.56	12.00	704.03
N. End of N. Appr.	145+95.56	12.00	704.09

WEST EDGE OF PAVEMENT

LOCATION	STATION	OFFSET	THEORETICAL GRADE ELEVATION
S. End of N. Appr.	146+11.36	-12.00	704.18
A3	146+21.36	-12.00	704.23
A4	146+31.36	-12.00	704.27
N. End of N. Appr.	146+41.36	-12.00	704.30

EAST EDGE OF SHOULDER

LOCATION	STATION	OFFSET	THEORETICAL GRADE ELEVATION
S. End of N. Appr.	145+56.81	16.58	703.73
A3	145+66.81	16.58	703.82
A4	145+76.81	16.58	703.90
N. End of N. Appr.	145+86.81	16.58	703.97

CENTERLINE ROADWAY AND PGL

LOCATION	STATION	OFFSET	THEORETICAL GRADE ELEVATION
S. End of N. Appr.	145+88.46	0.00	704.23
A3	145+98.46	0.00	704.29
A4	146+08.46	0.00	704.35
N. End of N. Appr.	146+18.46	0.00	704.39

MODEL: Top of Approach Slab Elevations [Sheet]
FILE NAME: L:\Peoria\C021001201-01_MaxwellRdBridge\120101\StructuresSheets\21001201-01_MaxwellRdBridge_Top of Approach Slab Elevations.dgn

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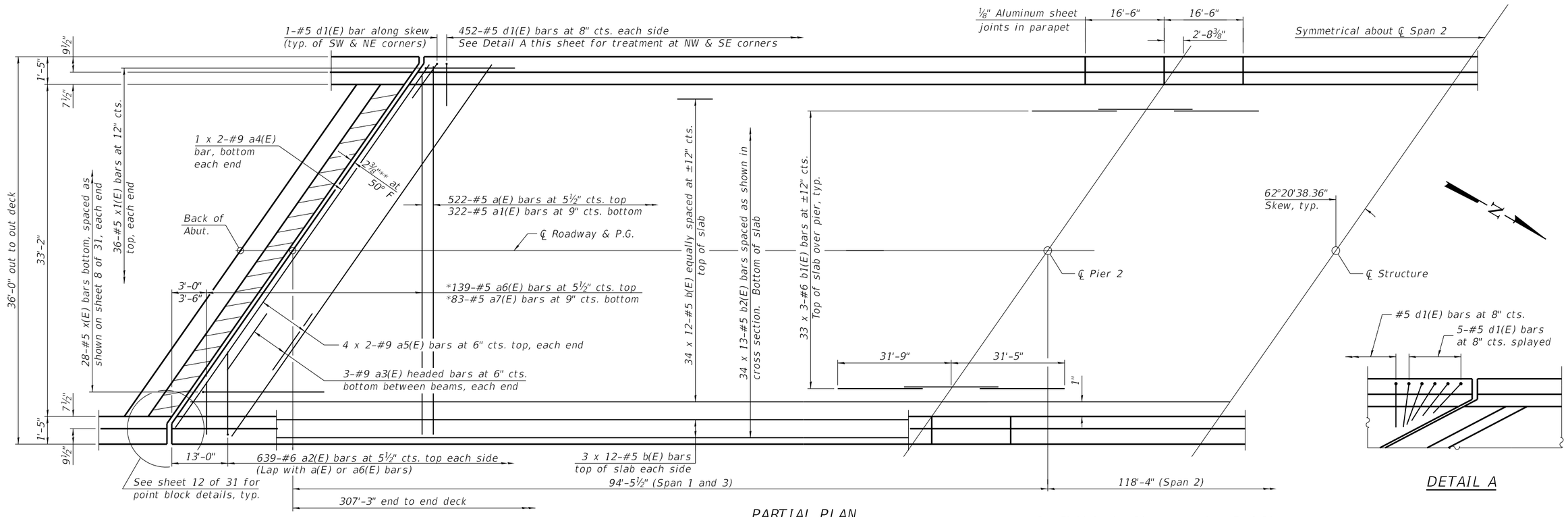
USER NAME = zslechta	DESIGNED - TRH	REVISED -	
	DRAWN - TRH	REVISED -	
PLOT SCALE = 0.16666633 ' / in.	CHECKED - CJW	REVISED -	
PLOT DATE = 8/18/2023	DATE - 08/18/2023	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TOP OF APPROACH SLAB ELEVATIONS
STRUCTURE NO. 072-3072
SHEET 5 OF 31 SHEETS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6577	19-00115-00-BR	PEORIA	99	47
		CONTRACT NO. 89815		
	ILLINOIS	FED. AID PROJECT		



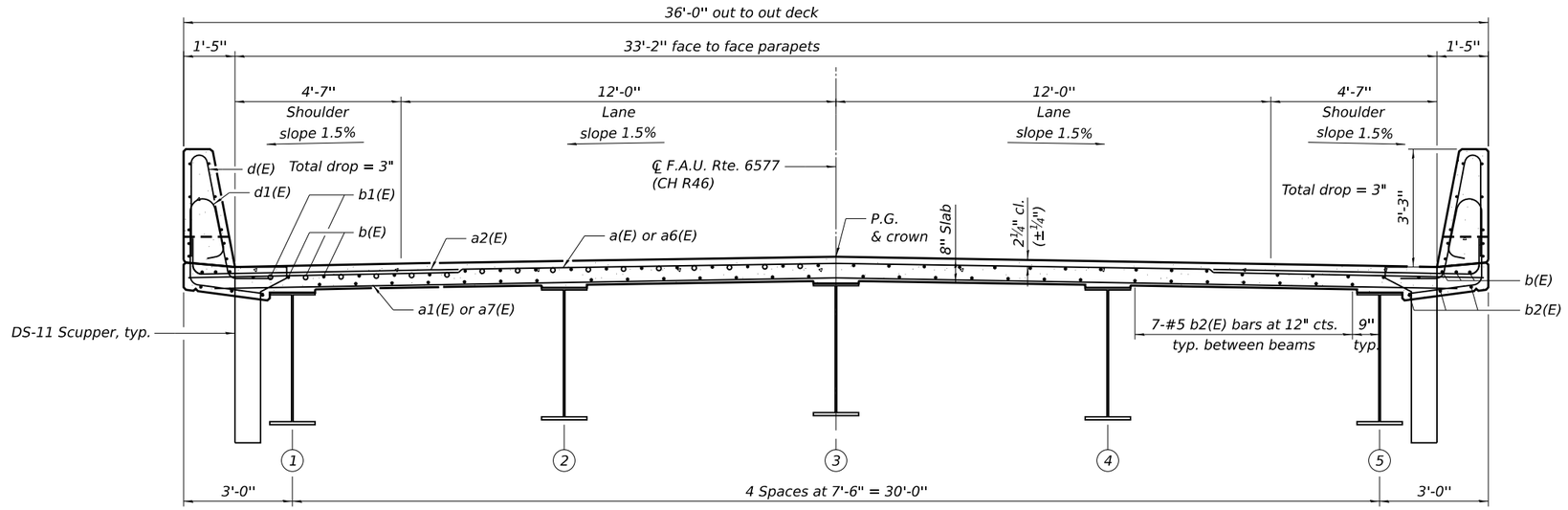
PARTIAL PLAN

DETAIL A

* See Field Cutting Diagram on sheet 7 of 31.
** Dimension showing concrete opening. For joint opening see sheet 12 of 31.

MINIMUM BAR LAP

#5 bar = 3'-6"
#6 bar = 3'-7"
#9 bar = 7'-3"



NEAR PIER NEAR MIDSPAN

CROSS SECTION

(Looking North)

Notes:
See sheet 7 of 31 for superstructure details and Bill of Material.
Bars indicated thus 33 x 3-#6 etc. indicates 33 lines of bars with 3 lengths per line.
Dimensions are based on a Rolled Rail Strip Seal Joint. If the Contractor elects to use the Welded Rail Strip Seal Joint, deck dimensions may require adjustments to satisfy the details on Sheet 12 of 31.
For section thru expandion joint, see Sheet 8 of 31.

MODEL: Superstructure Plan and Cross Section 1 [Sheet]
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CMT License No. 184-000613

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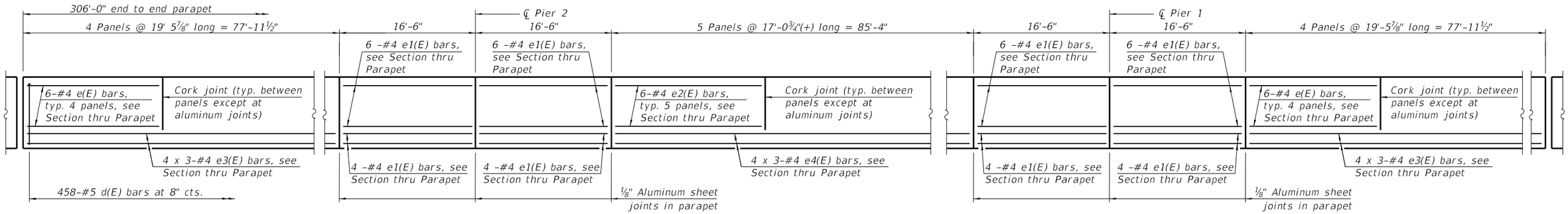
	DRAWN - TRH	REVISED -		
PLOT SCALE = 0.16666633 ' / in.	CHECKED - CJW	REVISED -		SHEET 6 OF 31 SHEETS
PLOT DATE = 8/18/2023	DATE - 08/18/2023	REVISED -		

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6577	19-00115-00-BR	PEORIA	99	48
		CONTRACT NO. 89815		
		ILLINOIS	FED. AID PROJECT	

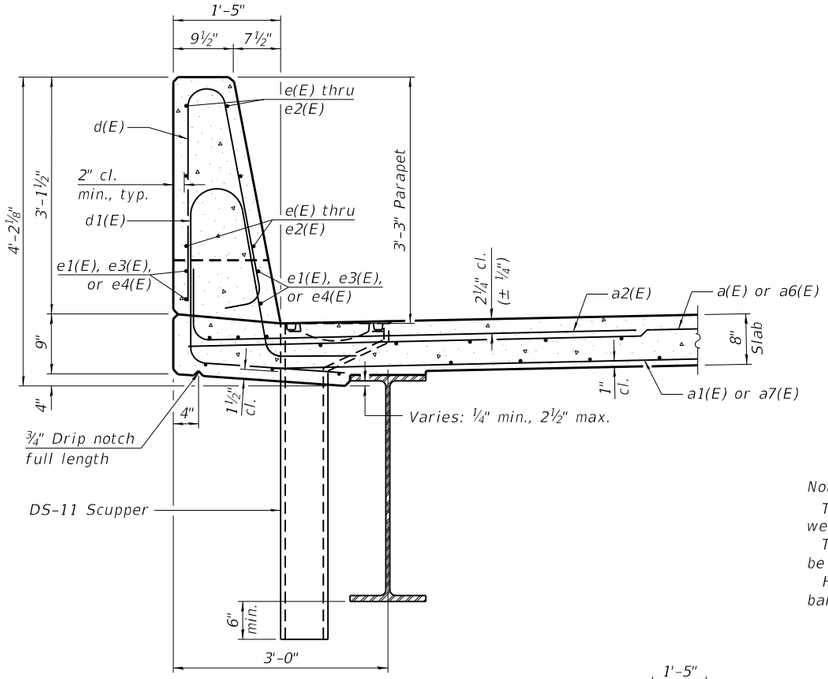


MINIMUM BAR LAP

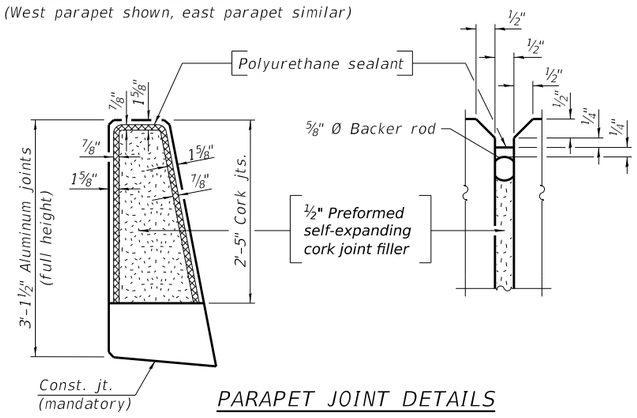
#4 bar = 2'-5"

INSIDE ELEVATION OF PARAPET

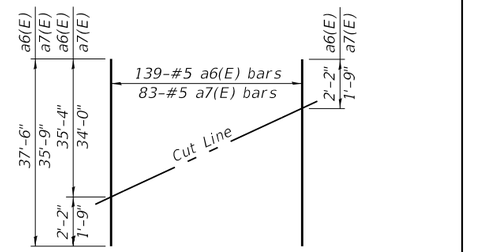
(West parapet shown, east parapet similar)



SECTION THRU PARAPET

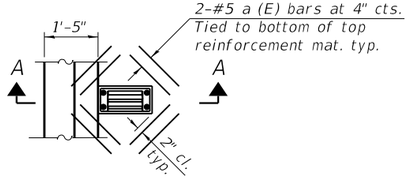


PARAPET JOINT DETAILS



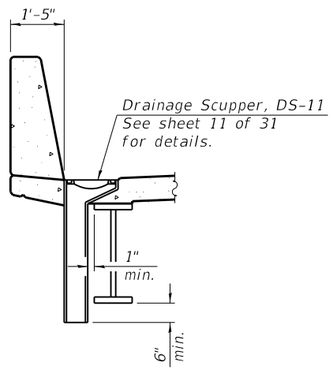
FIELD CUTTING DIAGRAM

Order a6(E) and a7(E) bars full length. Cut as shown and use remainder of bars in opposite end of deck.



PLAN (DS-11)

Note:
Cut longitudinal reinforcement to clear drainage scuppers.



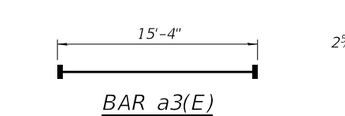
SECTION A-A

Notes:

The ⅛" Aluminum sheet shall be ASTM B 209 alloy 3003-H14 and coated to minimize reaction with wet concrete. Cost included with Concrete Superstructure.

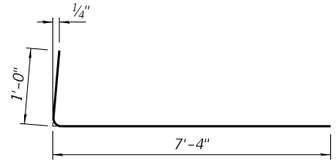
The Polyurethane Sealant shall be according to Article 1050.04 of the Std. Spec. and the color shall be gray.

Headed bars shall conform to ASTM A970 with threaded attachment; Class HA; and reinforcement bars conforming to ASTM A706. Cost included with Reinforcement Bars, Epoxy Coated.

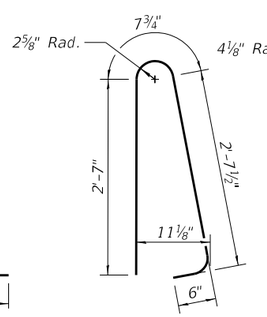


BAR a3(E)

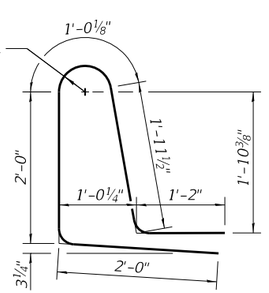
(Headed)



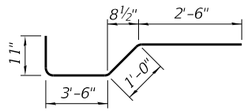
BAR a2(E)



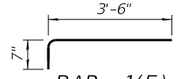
BAR d(E)



BAR d1(E)



BAR x(E)



BAR x1(E)

SUPERSTRUCTURE BILL OF MATERIAL

Bar	No.	Size	Length	Shape
a(E)	522	#5	35'-8"	
a1(E)	322	#5	35'-4"	
a2(E)	1278	#6	8'-4"	
a3(E)	24	#9	15'-4"	
a4(E)	4	#9	36'-4"	
a5(E)	16	#9	43'-3"	
a6(E)	139	#5	37'-6"	
a7(E)	83	#5	35'-9"	
b(E)	480	#5	28'-9"	
b1(E)	198	#6	23'-6"	
b2(E)	442	#5	26'-10"	
d(E)	916	#5	6'-5"	
d1(E)	916	#5	8'-2"	
e(E)	96	#4	19'-1"	
e1(E)	80	#4	16'-2"	
e2(E)	60	#4	16'-8"	
e3(E)	48	#4	27'-6"	
e4(E)	24	#4	30'-0"	
x(E)	56	#5	8'-2"	
x1(E)	72	#5	4'-1"	
Reinforcement Bars, Epoxy Coated		Pound	112,500	
Bridge Deck Grooving		Sq. Yd.	1,081	
Concrete Superstructure		Cu. Yd.	382.8	
Protective Coat		Sq. Yd.	1,434	

Bars indicated thus 1 x 2-#4 etc. indicates 1 line of bars with 2 lengths per line.

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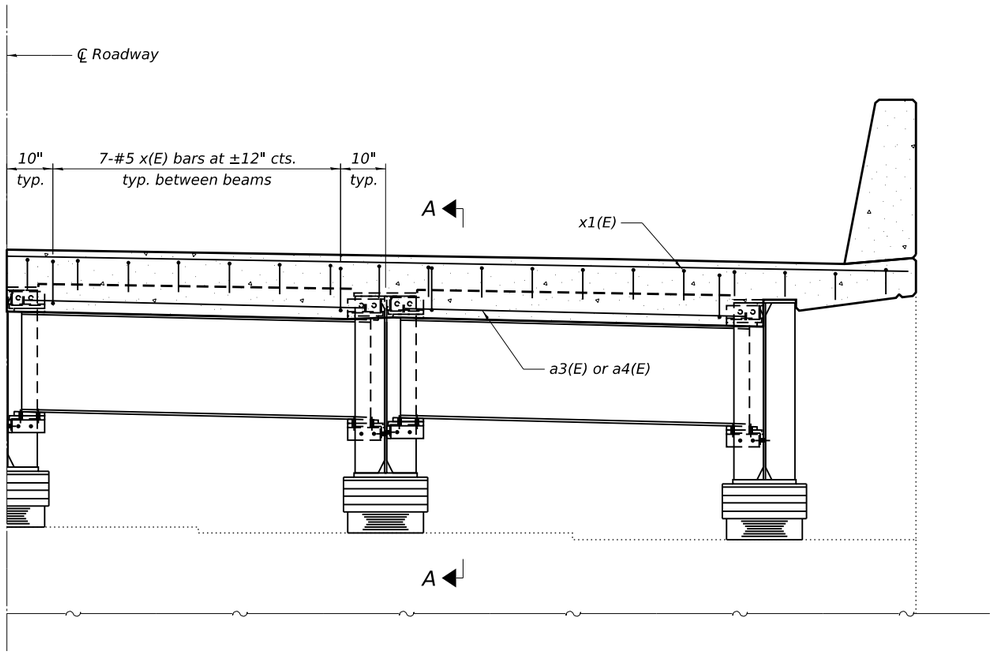
PLOT DATE = 8/18/2023	DATE - 08/18/2023	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUPERSTRUCTURE DETAILS
STRUCTURE NO. 072-3072
SHEET 7 OF 31 SHEETS

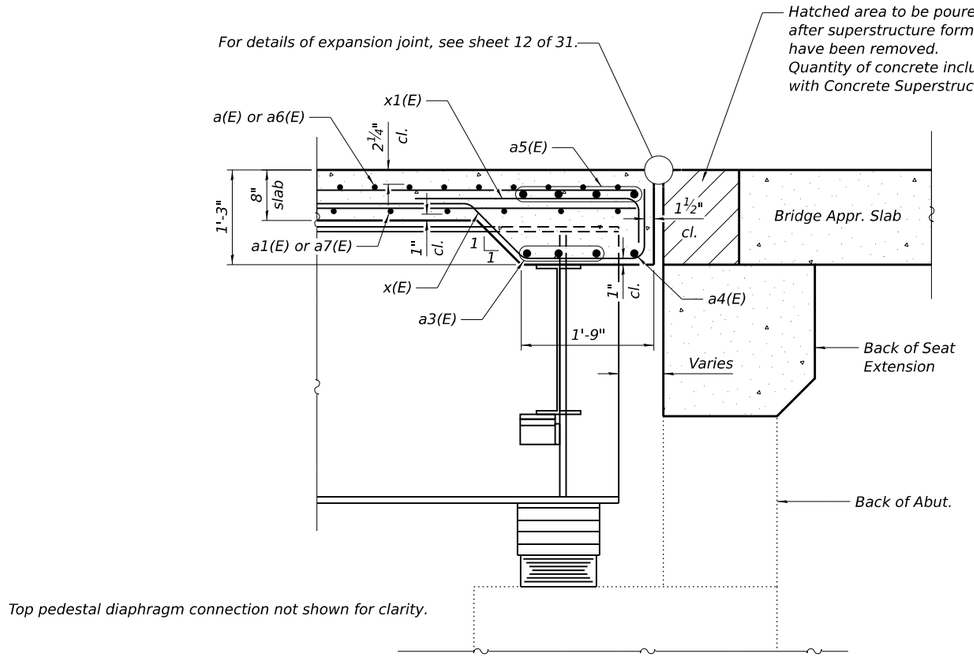
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6577	19-00115-00-BR	PEORIA	99	49
		CONTRACT NO. 89815		
	ILLINOIS FED. AID PROJECT			



EDGE BEAM AT ABUTMENT

(South Abutment shown, looking South, North Abutment similar)

Notes:
See sheet 7 of 31 for superstructure details and Bill of Material.
The x(E) and x1(E) bars shall be placed parallel to the beams. Spacing for these bars shall be at right angles to the beams.



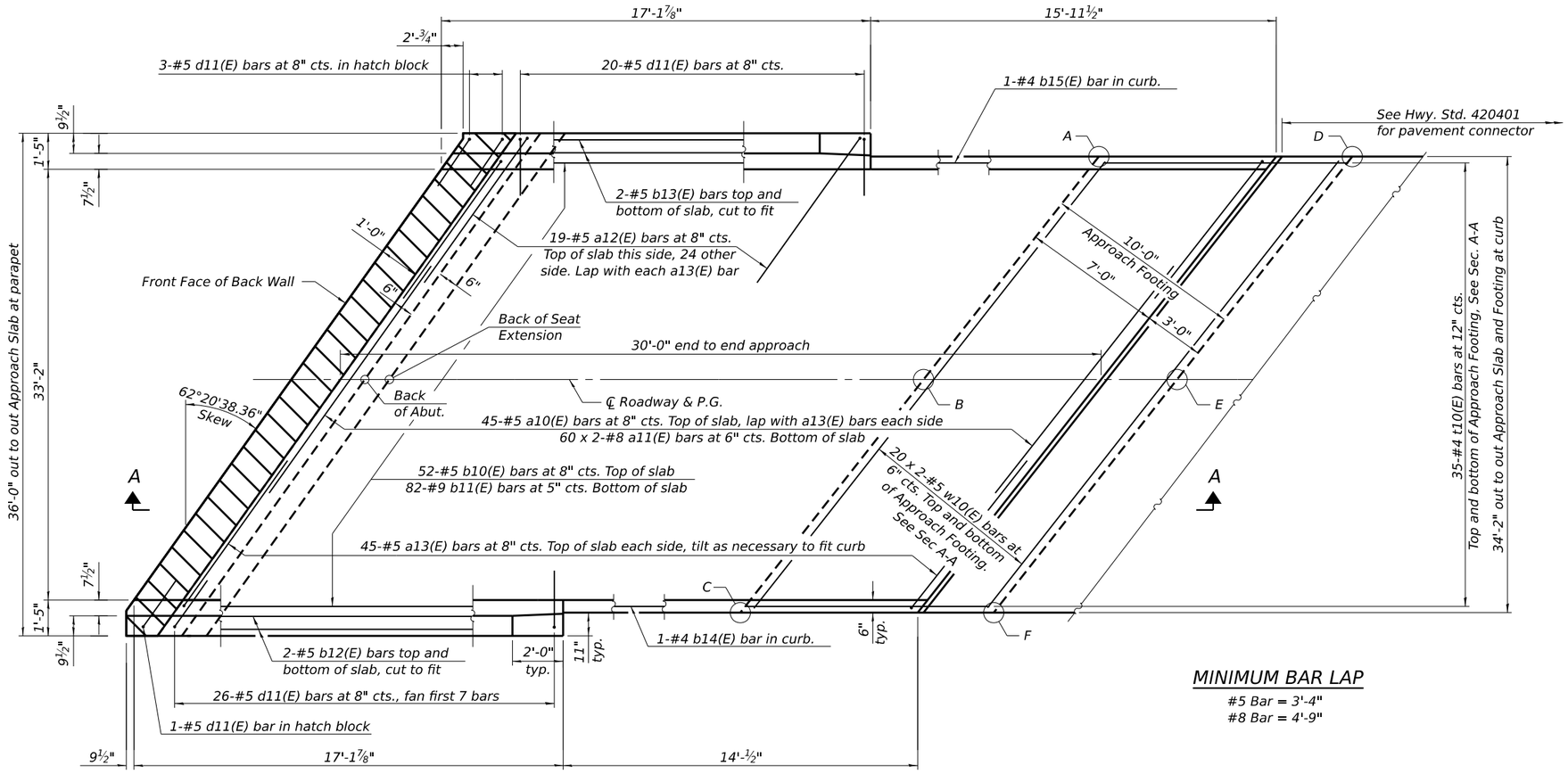
Top pedestal diaphragm connection not shown for clarity.

SECTION A-A

(at Rt. ∠'s)

CMT	USER NAME = zslechta	DESIGNED - TRH	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION
License No. 184-000613		DRAWN - TRH	REVISED -	EDGE BEAM DETAILS STRUCTURE NO. 072-3072
	PLOT SCALE = 0.16666633 ' / in.	CHECKED - CJW	REVISED -	SHEET 8 OF 31 SHEETS
	PLOT DATE = 8/18/2023	DATE - 08/18/2023	REVISED -	

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6577	19-00115-00-BR	PEORIA	99	50
		CONTRACT NO. 89815		
		ILLINOIS	FED. AID PROJECT	



PLAN

(North approach slab shown; south approach slab similar by 180° rotation)

MINIMUM BAR LAP

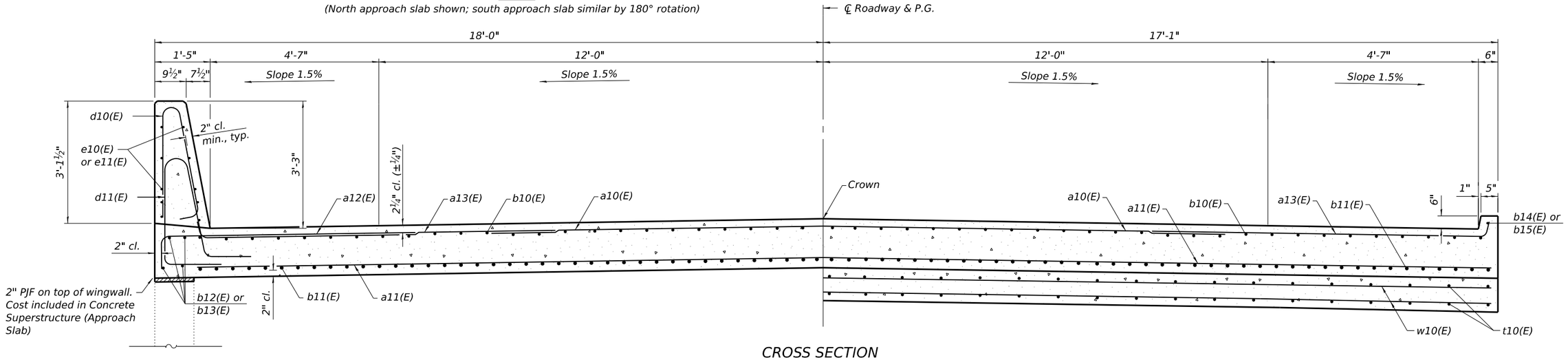
#5 Bar = 3'-4"
#8 Bar = 4'-9"

TOP AND BOTTOM ELEVATIONS FOR APPROACH FOOTING

North Approach				
Point/ Location	Station	Offset	Top	Bottom
A	146+35.98	-17.08	702.96	702.12
B	146+03.38	0.00	703.07	702.23
C	145+70.78	17.08	702.59	701.76
D	146+57.52	-17.08	703.01	702.18
E	146+24.92	0.00	703.17	702.34
F	145+92.32	17.08	702.75	701.91

South Approach				
Point/ Location	Station	Offset	Top	Bottom
A	142+28.84	17.08	695.95	695.12
B	142+61.44	0.00	697.18	696.35
C	142+94.04	-17.08	697.83	697.00
D	142+07.30	17.08	695.27	694.44
E	142+39.90	0.00	696.55	695.72
F	142+72.50	-17.08	697.24	696.41

Notes:
For Section A-A and Bill of Material, see Sheet 10 of 31.
Hatched area to be poured after superstructure false work has been removed.



CROSS SECTION

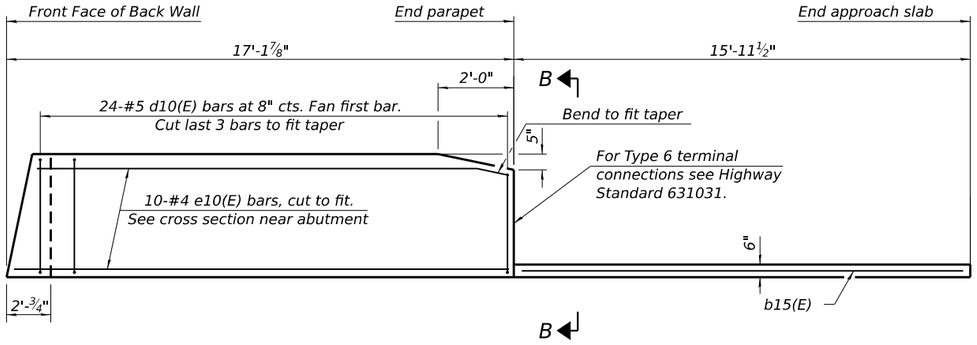
(Looking North)

NEAR ABUTMENT — AT APPROACH FOOTING

CMT
License No. 184-000613

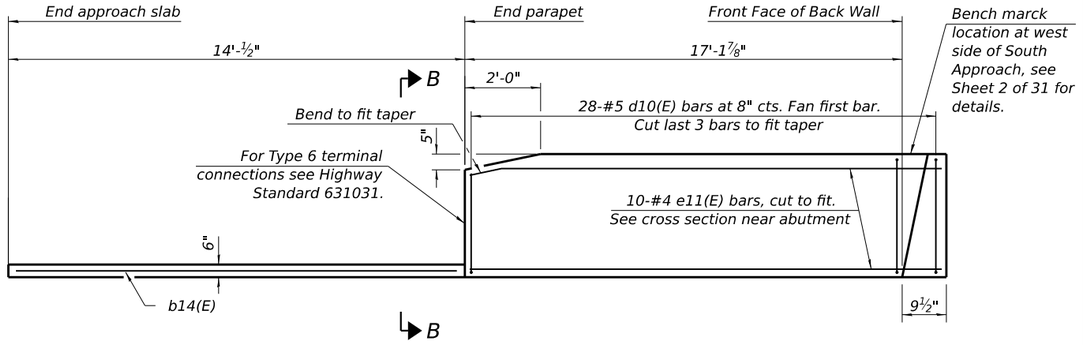
USER NAME = zslechta	DESIGNED - TRH	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	APPROACH SLAB DETAILS I STRUCTURE NO. 072-3072
	DRAWN - TRH	REVISED -		
PLOT SCALE = 0.16666633 ' / in.	CHECKED - CJW	REVISED -		SHEET 9 OF 31 SHEETS
PLOT DATE = 8/18/2023	DATE - 08/18/2023	REVISED -		

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6577	19-00115-00-BR	PEORIA	99	51
		CONTRACT NO. 89815		
	ILLINOIS	FED. AID PROJECT		



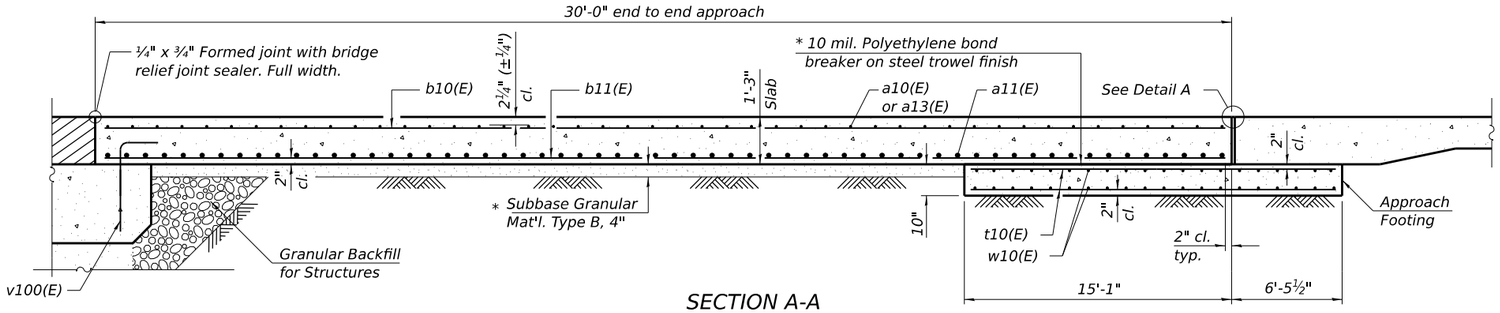
INSIDE ELEVATION OF PARAPET AND CURB

West Side of N. Approach & East Side of S. Approach



INSIDE ELEVATION OF PARAPET AND CURB

East Side of N. Approach & West Side of S. Approach

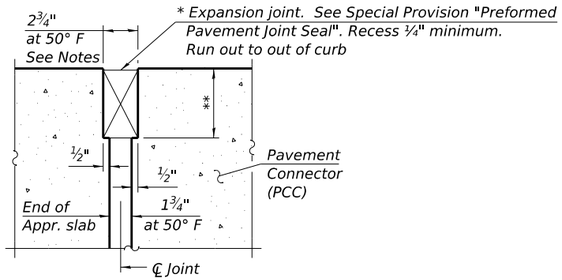


SECTION A-A

Notes:
Parapet concrete shall be paid for as Concrete Superstructure.
Approach slab shall be paid for as Concrete Superstructure (Approach Slab).
Approach footing concrete shall be paid for as Concrete Structures.
The approach footing maximum applied service bearing pressure (Qmax) = 2.0 ksf.
Cost of excavation for approach footing included with Concrete Structures.
For Granular Backfill for Structures, see Sheet 2 of 25.
The joint opening shall be adjusted for temperature per Article 520.04 of the Standard Specifications.

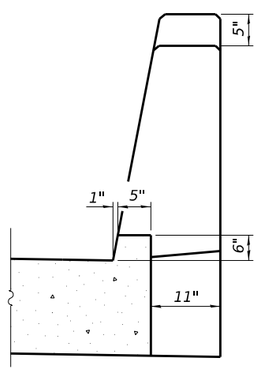
TWO APPROACHES BILL OF MATERIAL

Bar	No.	Size	Length	Shape
a10(E)	90	#5	26'-4"	
a11(E)	240	#8	38'-10"	
a12(E)	86	#5	7'-4"	
a13(E)	180	#5	26'-11"	
b10(E)	104	#5	29'-3"	
b11(E)	164	#9	29'-3"	
b12(E)	8	#5	17'-3"	
b13(E)	8	#5	15'-2"	
b14(E)	2	#4	14'-0"	
b15(E)	2	#4	14'-11"	
d10(E)	104	#5	6'-5"	
d11(E)	100	#5	8'-6"	
e10(E)	20	#4	16'-3"	
e11(E)	20	#4	17'-7"	
t10(E)	140	#4	20'-5"	
w10(E)	160	#5	37'-11"	
Protective Coat			Sq. Yd.	258
Concrete Superstructure			Cu. Yd.	8.9
Concrete Superstructure (Approach Slab)			Cu. Yd.	98.0
Concrete Structures			Cu. Yd.	45.4
Bridge Deck Grooving			Sq. Yd.	208
Reinforcement Bars, Epoxy Coated			Pound	63,130

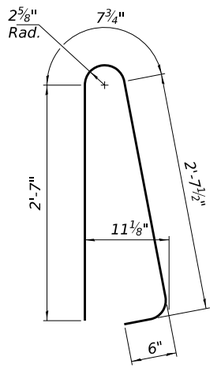


DETAIL A

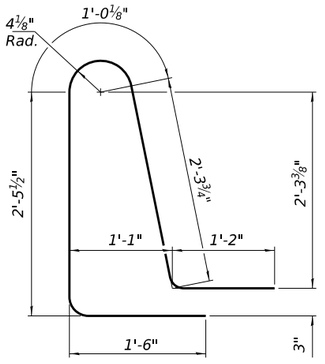
(at Rt. ∠'s)



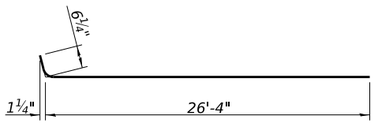
VIEW B-B



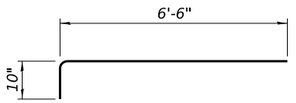
BAR d10(E)



BAR d11(E)



BAR a13(E)



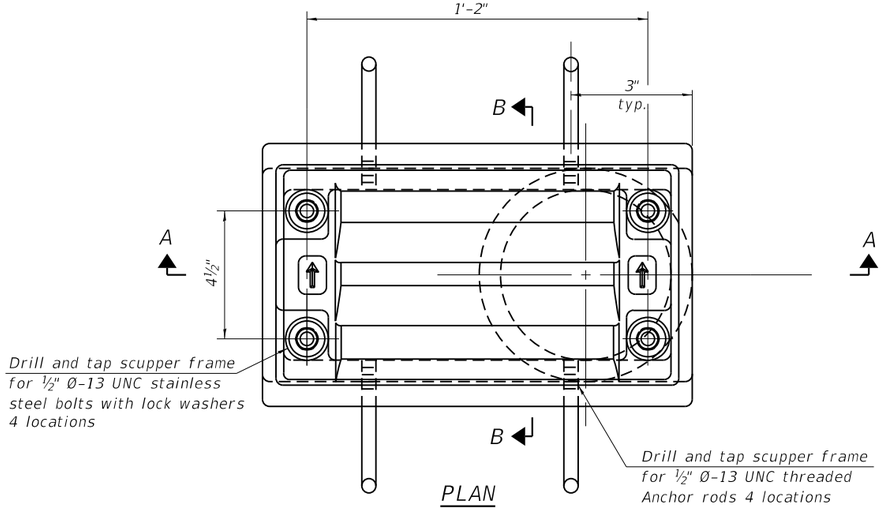
BAR a12(E)

* Cost included with Concrete Superstructure (Approach Slab).

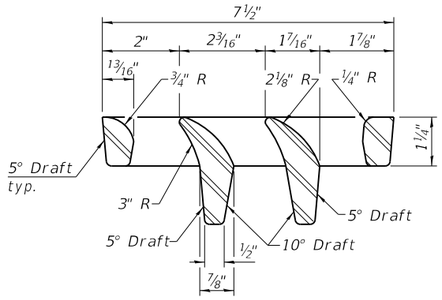
** Per manufacturer recommendations

CMT	USER NAME = zslechta	DESIGNED - TRH	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	APPROACH SLAB DETAILS II STRUCTURE NO. 072-3072
License No. 184-000613		DRAWN - TRH	REVISED -		SHEET 10 OF 31 SHEETS
	PLOT SCALE = 0.16666633 ' / in.	CHECKED - CJW	REVISED -		
	PLOT DATE = 8/18/2023	DATE - 08/18/2023	REVISED -		

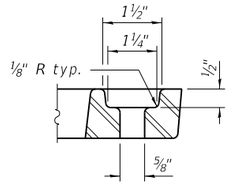
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6577	19-00115-00-BR	PEORIA	99	52
		CONTRACT NO. 89815		
	ILLINOIS FED. AID PROJECT			



PLAN



VANE GRATE DETAIL



GRATE BOLT HOLE DETAIL

Notes:

All cast iron parts shall be gray iron conforming to the requirements of AASHTO M105, Class 35B and AASHTO M306.

Bolts, anchor rods, nuts and washers shall be according to ASTM A307 and shall be galvanized according to AASHTO M232. As an alternate stainless steel may be used.

Stainless steel hardware shall be according to Article 1006.29(d) of the Standard Specifications.

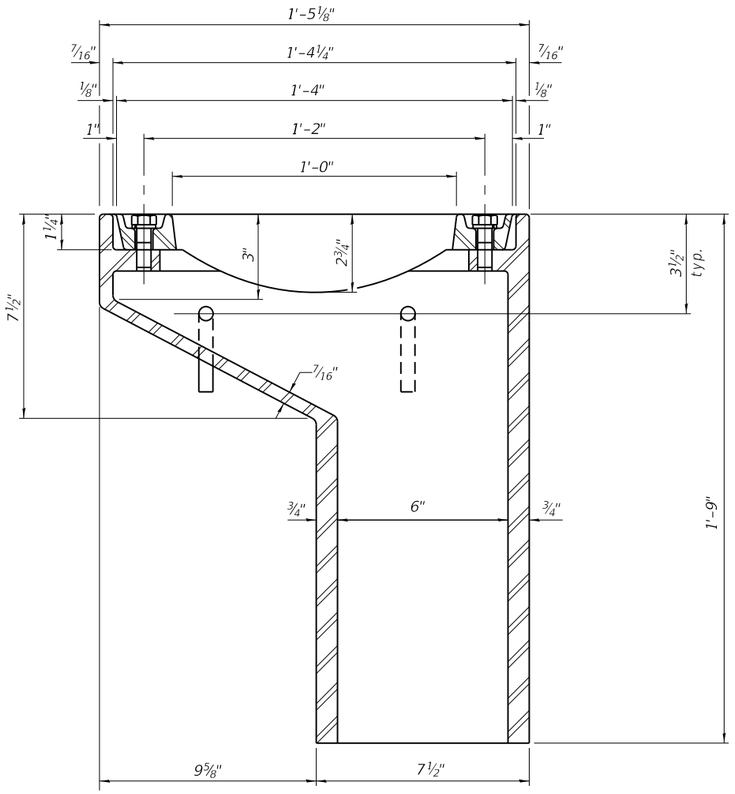
Structural steel weldments of equal sections and of the same configuration may be substituted for the cast iron scupper frames and downspouts; however, the scupper grates shall remain cast iron. Fillet or full penetration welds shall be used for the weldments. Details shall be submitted to the Engineer for approval.

Structural steel scupper frames and downspouts, when utilized, shall be galvanized according to AASHTO M111.

As an alternate, fiberglass may be used for downspouts according to ASTM D2996 with a short-time rupture strength hoop tensile stress of 30,000 psi min. in lieu of the cast iron or structural steel.

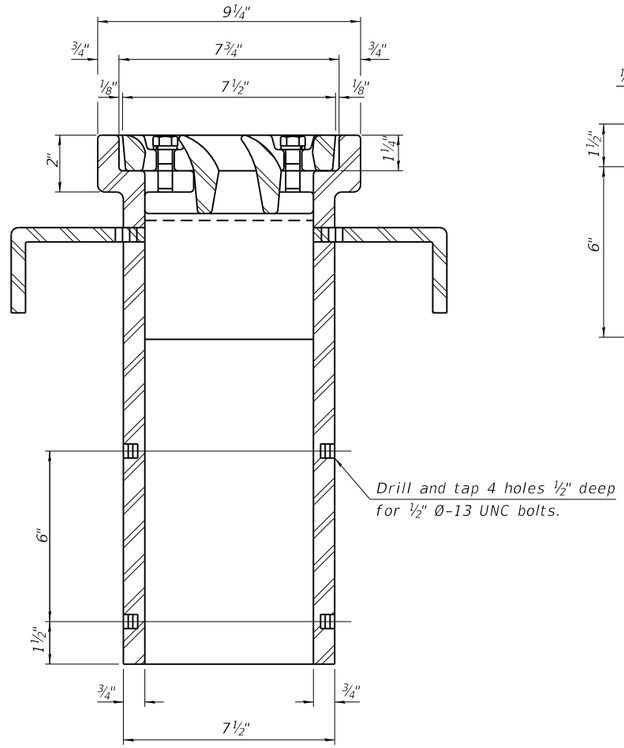
The Contractor shall take appropriate measures to assure that Protective Coat is not applied to the scupper.

Cost of the grate, frame, downspout, anchor rods, nuts and washers including complete installation of the scupper shall be paid for at the contract unit price for Drainage Scuppers, DS-11.

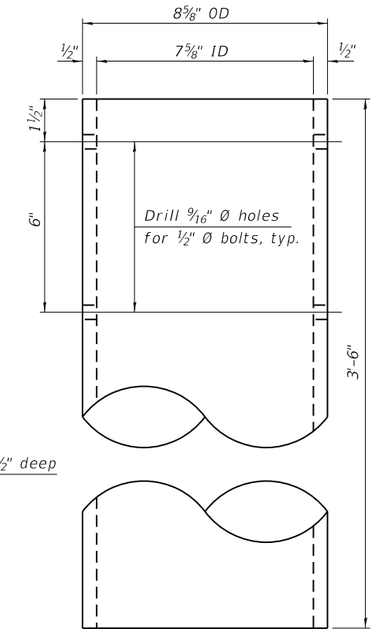


SECTION A-A

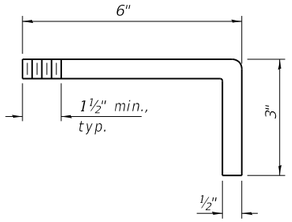
See sheet of for scupper location relative to parapet.



SECTION B-B



DOWNSPOUT



ANCHOR ROD DETAIL

BILL OF MATERIAL

ITEM	UNIT	QUANTITY
Drainage Scuppers, DS-11	Each	2

DS-11 2-1-2023

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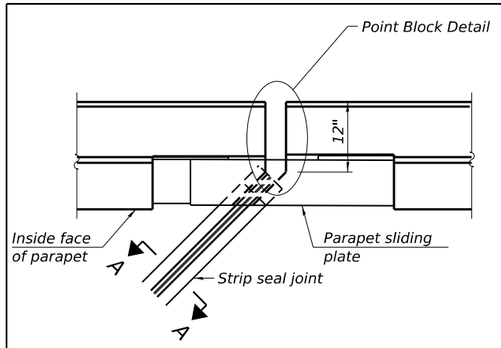
		DRAWN - TRH	REVISED -	
	PLOT SCALE = 0.16666633 ' / in.	CHECKED - CJW	REVISED -	
	PLOT DATE = 8/18/2023	DATE - 08/18/2023	REVISED -	

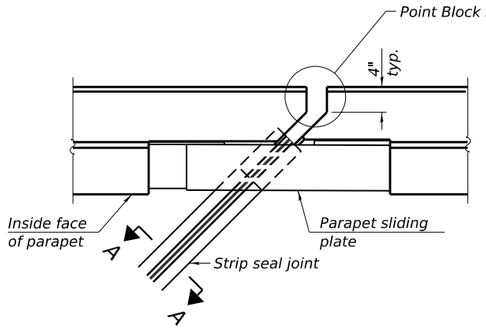
DRAINAGE SCUPPER, DS-11
STRUCTURE NO. 072-3072
SHEET 11 OF 31 SHEETS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6577	19-00115-00-BR	PEORIA	99	53
		CONTRACT NO. 89815		
		ILLINOIS	FED. AID PROJECT	

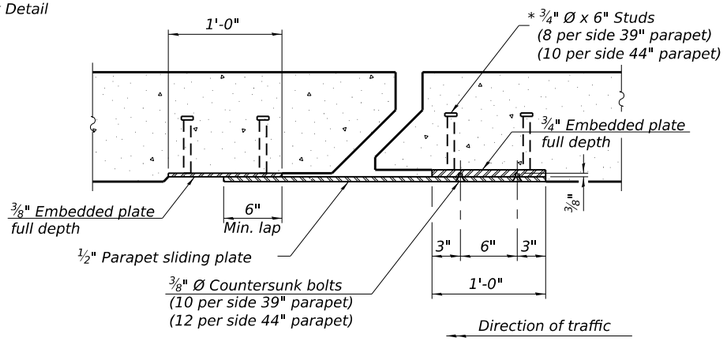
MODEL: Drainage Scupper [Sheet]
FILE NAME: L:\Peoria\CO\2100\2100201-01_MaxwellRdBridge\120101\Structures\Sheets\2100201-01_MaxwellRdBridge_Drainage Scupper.dgn



NORTHEAST & SOUTHWEST CORNERS

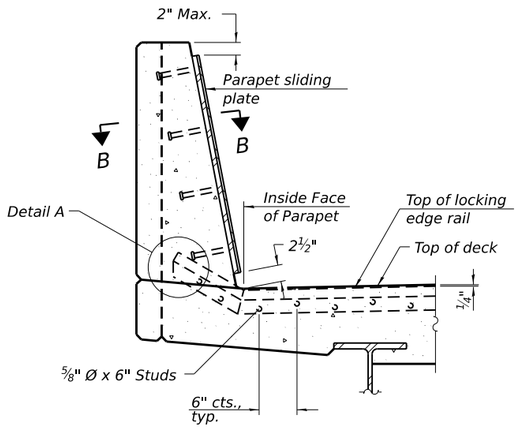


NORTHWEST & SOUTHEAST CORNERS



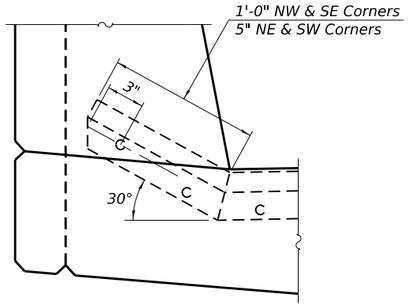
SECTION B-B

PLAN AT PARAPET

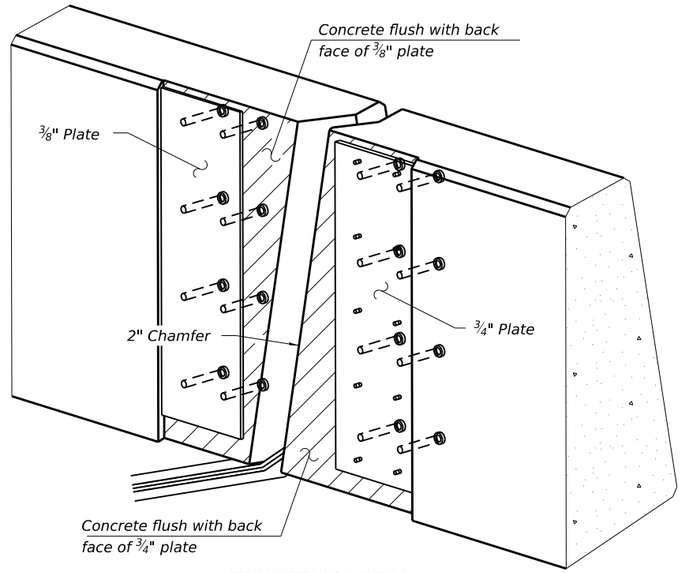


SECTION AT PARAPET

(Skews > 30° shown. Skews ≤ 30° similar except as shown in plan view.)

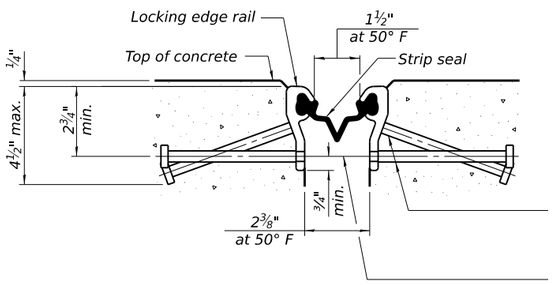


DETAIL A



TRIMETRIC VIEW

(Showing embedded plates only)



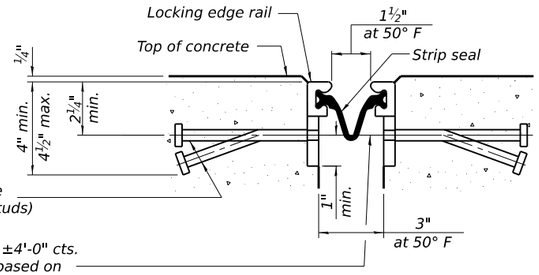
SHOWING ROLLED RAIL JOINT

* ⅝" Ø x 6" studs @ 6" cts. (alternate angled/bent studs with horizontal studs)

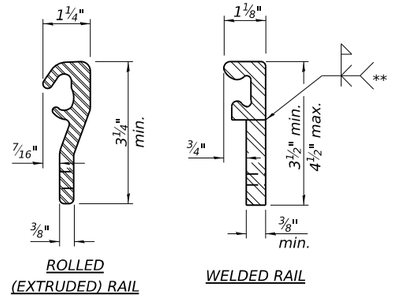
⅜" ϕ threaded rods in 7/16" ϕ holes at ±4'-0" cts. for holding the proper joint opening based on the temperature during the deck pour. Place to miss studs. All rods shall be burned, or sawed off flush with the plates after concrete is set.

SECTION A-A

* Granular or solid flux filled headed studs conforming to Article 1006.32 of the Std. Specs., automatically end welded.



SHOWING WELDED RAIL JOINT

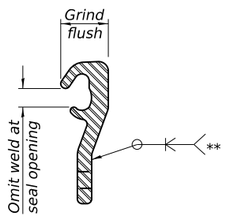


ROLLED (EXTRUDED) RAIL

WELDED RAIL

LOCKING EDGE RAILS

** Back gouge not required if complete joint penetration is verified by mock-up.



LOCKING EDGE RAIL SPLICE

The inside of the locking edge rail groove shall be free of weld residue. Rolled rail shown, welded rail similar.

BILL OF MATERIAL

Item	Unit	Total
Preformed Joint Strip Seal	Foot	149

Notes:

The strip seal shall be made continuous and shall have a minimum thickness of ¼". The configuration of the strip seal shall match the configuration of the locking edge rails. Open or "webbed" strip seal gland configurations are not permitted. The gland shall be sized for a maximum rated movement of 4 inches.

The locking edge rails depicted are configured for typical applications and are conceptual only. The actual configuration of the locking edge rails and matching strip seal may vary from manufacturer to manufacturer provided they fit the application and meet the minimum anchorage shown. Flanged edge rails, however, will not be allowed. Locking edge rails may exceed the 4½" maximum depth provided the anchorage system is revised according to the manufacturer's recommendation.

The manufacturer's recommended installation methods shall be followed.

All steel components shall be galvanized after fabrication according to Article 520.03 of the Standard Specifications.

The Maximum space between locking edge rail segments shall be c" and sealed with a suitable sealant; however, any rail joint within 10' measured perpendicular to the face of the curb or parapet shall be welded as shown in the locking edge rail splice detail.

Cost of parapet sliding plates, embedded plates, and anchorage studs included with Preformed Joint Strip Seal.

39" constant slope barrier shown, 44" constant slope barrier similar as noted.

The concrete opening below the strip seal will vary based on the locking edge rail chosen by the Contractor. Deck and parapet lengths shown elsewhere in the plans are dimensioned to the concrete opening, not the joint opening, and are based on the rolled locking edge rail. If the Contractor elects to use a different locking edge rail, dimensional adjustments may be required. One exception to this would be the strip seal joint at the end of the precast bridge approach slab. For these cases the pavement connector length shall be adjusted, not the length of the bridge approach slab.

CMT
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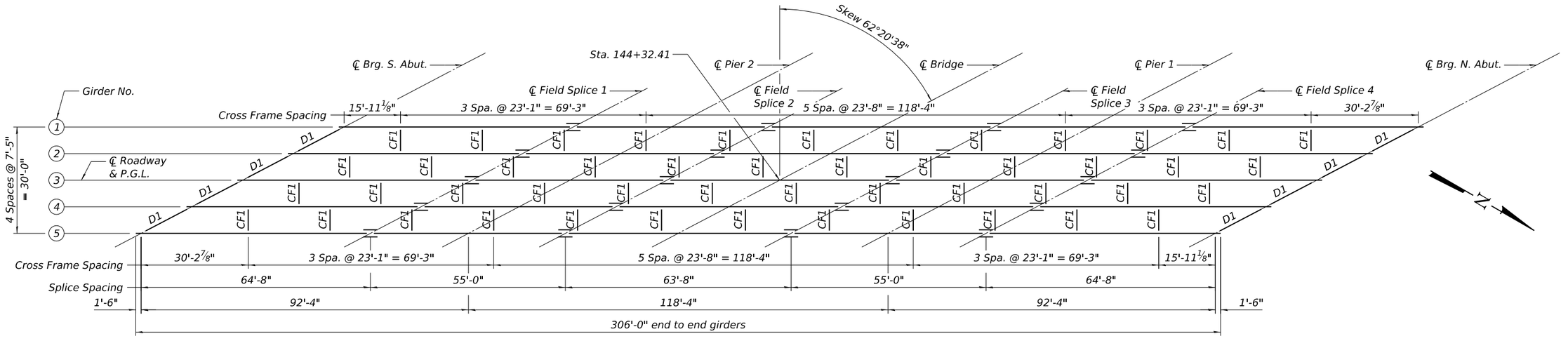
PLOT DATE = 8/18/2023	DATE - 08/18/2023	REVISED -	

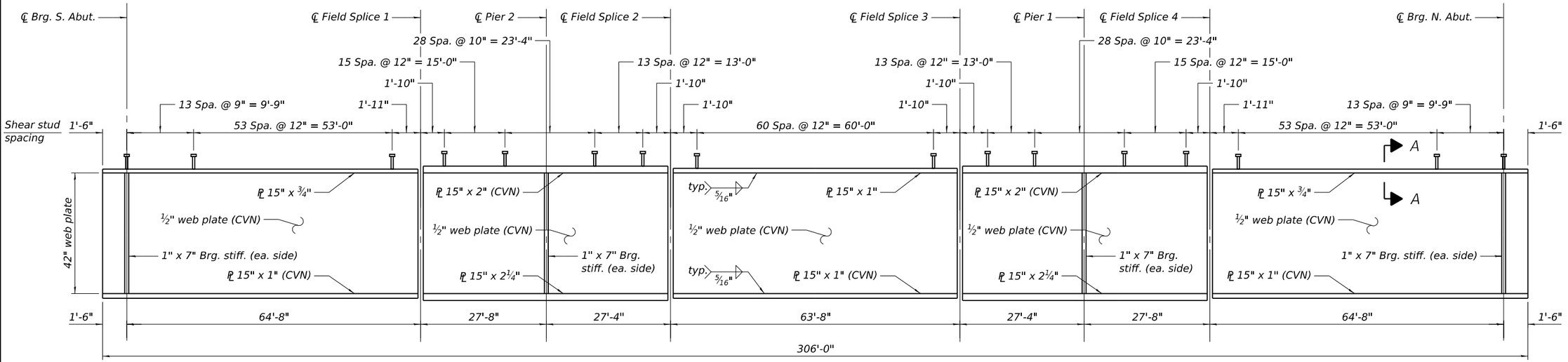
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PREFORMED JOINT STRIP SEAL
STRUCTURE NO. 072-3072
SHEET 12 OF 31 SHEETS

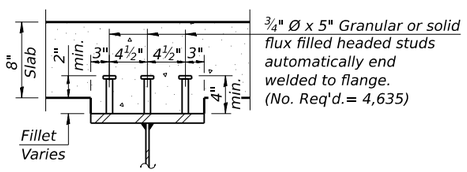
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6577	19-00115-00-BR	PEORIA	99	54
		CONTRACT NO. 89815		
	ILLINOIS	FED. AID PROJECT		



FRAMING PLAN



GIRDER ELEVATION



¾" Ø x 5" Granular or solid flux filled headed studs automatically end welded to flange. (No. Req'd.= 4,635)

SECTION A-A

Notes:

1. Load carrying components designated "CVN" shall conform to Charpy-V-Notch Impact Energy Requirement, Zone 2.
2. All cross frames or diaphragms shall be installed as steel is erected and secured with erection pins and bolts except as otherwise noted. Individual cross frames or diaphragms at supports may be temporarily disconnected to install bearing anchor bolts.

BILL OF MATERIAL

Item	Unit	Total
Stud Shear Connectors	Each	4,635

MODEL: Framing Plan [Sheet]
FILE NAME: L:\Peoria\CO\21001201-01_MaxwellRdBridge\121001\Structures\Sheets\121001201-01_MaxwellRdBridge_Framing Plan 1.dgn

CMT
License No. 184-000613

USER NAME = zslechta	DESIGNED - TRH	REVISED -	
	DRAWN - TRH	REVISED -	
PLOT SCALE = 0.16666633 ' / in.	CHECKED - CJW	REVISED -	
PLOT DATE = 8/18/2023	DATE - 08/18/2023	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FRAMING PLAN
STRUCTURE NO. 072-3072
SHEET 13 OF 31 SHEETS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6577	19-00115-00-BR	PEORIA	99	55
		CONTRACT NO. 89815		
		ILLINOIS	FED. AID PROJECT	

INTERIOR GIRDER MOMENT TABLE				
		0.4 Sp. 1 or 0.6 Sp. 3	Pier 1 or 2	0.5 Sp. 2
I_s	(in^4)	15020	34064	16957
$I_c(n)$	(in^4)	40250	70775	40778
$I_c(3n)$	(in^4)	29858	52640	30679
$I_c(cr)$	(in^4)	20179	39750	21642
S_s	(in^3)	741.4	1532	770.8
$S_c(n)$	(in^3)	1037	1909	1043
$S_c(3n)$	(in^3)	955.2	1768	960.5
$S_c(cr)$	(in^3)	838.7	1621	853.1
S_x	(in^3)	975.2	1594	990.5
DC1	(k/')	*	*	*
M_{DC1}	('k)	448	1266	417
DC2	(k/')	0.21	0.21	0.21
M_{DC2}	('k)	100	255	95
DW	(k/')	0.38	0.38	0.38
M_{DW}	('k)	178	458	170
LLDF		*	*	*
M_{L+IM}	('k)	986	1576	997
f_t (Strength I)	(ksi)	20.0	20.4	20.1
$M_u + 1/3 f_t S_x$	('k)	3219	6249	3193
$\phi_f M_n$	('k)	3942	6593	4016
f_s DC1	(ksi)	7.25	9.91	6.49
f_s DC2	(ksi)	1.26	1.89	1.19
f_s DW	(ksi)	2.24	3.39	2.12
f_s (M_L+IM)	(ksi)	11.4	11.7	11.5
f_t (Service II)	(ksi)	15.4	15.7	15.5
$f_s + f_t/2$ (Service II)	(ksi)	33.3	38.2	32.5
Service II Resistance	(ksi)	47.5	47.5	47.5
$f_s + f_t/3$ (Strength I)	(ksi)	40.6	47.05	39.6
$\phi_f F_n$	(ksi)	50	50	50
V_f	(k)	23.3	28.6	29.8

EXTERIOR GIRDER MOMENT TABLE				
		0.4 Sp. 1 or 0.6 Sp. 3	Pier 1 or 2	0.5 Sp. 2
I_s	(in^4)	15020	34064	16957
$I_c(n)$	(in^4)	39293	68879	39831
$I_c(3n)$	(in^4)	28910	51229	29778
$I_c(cr)$	(in^4)	19726	39222	21226
S_s	(in^3)	741.4	1532	770.8
$S_c(n)$	(in^3)	1012	1896	1036
$S_c(3n)$	(in^3)	945.7	1754	951.7
$S_c(cr)$	(in^3)	831.3	1613	846.7
S_x	(in^3)	969.0	1602	987.7
DC1	(k/')	*	*	*
M_{DC1}	('k)	418	1159	398
DC2	(k/')	0.21	0.21	0.21
M_{DC2}	('k)	114	270	102
DW	(k/')	0.38	0.38	0.38
M_{DW}	('k)	156	365	140
LLDF		*	*	*
M_{L+IM}	('k)	1160	1653	1092
f_t (Strength I)	(ksi)	14	17.4	14.3
$M_u + 1/3 f_t S_x$	('k)	3306	5227	3138
$\phi_f M_n$	('k)	3971	5301	4022
f_s DC1	(ksi)	6.77	9.08	6.20
f_s DC2	(ksi)	1.45	2.01	1.29
f_s DW	(ksi)	1.98	2.71	1.77
f_s (M_L+IM)	(ksi)	13.7	12.3	12.6
f_t (Service II)	(ksi)	10.8	13.4	11.0
$f_s + f_t/2$ (Service II)	(ksi)	33.5	36.5	31.2
Service II Resistance	(ksi)	47.5	47.5	47.5
$f_s + f_t/3$ (Strength I)	(ksi)	42.0	45.2	38.9
$\phi_f F_n$	(ksi)	50	50	50
V_f	(k)	23.3	28.6	29.8

INTERIOR GIRDER REACTION TABLE					
		S. Abut.	Pier 2	Pier 1	N. Abut.
LLDF		*	*	*	*
OCF		1.38	1.38	1.38	1.38
R_{DC1}	(k)	30.5	117.6	117.6	30.5
R_{DC2}	(k)	6.7	24.6	24.6	6.7
R_{DW}	(k)	12.2	44.6	44.6	12.2
R_L	(k)	63	122.7	122.9	63
R_{IM}	(k)	15	23.9	24.0	15
R_{Total} (Strength I)(Impact)	(k)	201.3	501.2	501.7	201.3
R_{Total} (Strength I)(No Impact)	(k)	175.1	459.4	459.7	175.1

EXTERIOR GIRDER REACTION TABLE					
		S. Abut.	Pier 2	Pier 1	N. Abut.
LLDF		*	*	*	*
OCF		1.38	1.38	1.38	1.38
R_{DC1}	(k)	27.7	107.3	107.3	27.7
R_{DC2}	(k)	7.3	25.0	25.0	7.3
R_{DW}	(k)	9.7	33.1	33.1	9.7
R_L	(k)	65.2	118	118	65.2
R_{IM}	(k)	15.5	22.7	22.7	15.5
R_{Total} (Strength I)(Impact)	(k)	199.5	461.3	461.3	199.5
R_{Total} (Strength I)(No Impact)	(k)	172.4	421.5	421.5	172.4

I_s, S_s : Non-composite moment of inertia and section modulus of the steel section used for computing f_s(Total-Strength I, and Service II) due to non-composite dead loads ($in.^4$ and $in.^3$).

$I_c(n)$, $S_c(n)$: Composite moment of inertia and section modulus of the steel and deck based upon the modular ratio, "n", used for computing f_s(Total-Strength I, and Service II) in uncracked sections due to short-term composite live loads ($in.^4$ and $in.^3$).

$I_c(3n)$, $S_c(3n)$: Composite moment of inertia and section modulus of the steel and deck based upon 3 times the modular ratio, "3n", used for computing f_s(Total-Strength I, and Service II) in uncracked sections, due to long-term composite (superimposed) dead loads ($in.^4$ and $in.^3$).

$I_c(cr)$, $S_c(cr)$: Composite moment of inertia and section modulus of the steel and longitudinal deck reinforcement, used for computing f_s (Total-Strength I and Service II) in cracked sections, due to both short-term composite live loads and long-term composite (superimposed) dead loads ($in.^4$ and $in.^3$).

S_x : Section modulus about the major axis of a section to the controlling flange, tension or compression, taken as yield moment with respect to the controlling flange over the yield strength of the controlling flange ($in.^3$).

DC1: Un-factored non-composite dead load (kips/ft.).

M_{DC1} : Un-factored moment due to non-composite dead load (kip-ft.).

DC2: Un-factored long-term composite (superimposed excluding future wearing surface) dead load (kips/ft.).

M_{DC2} : Un-factored moment due to long-term composite (superimposed excluding future wearing surface) dead load (kip-ft.).

DW: Un-factored long-term composite (superimposed future wearing surface only) dead load (kips/ft.).

M_{DW} : Un-factored moment due to long-term composite (superimposed future wearing surface only) dead load (kip-ft.).

LLDF: Live Load Distribution Factor for moment and shear computed according to Article 4.6.2.2 and further IDOT provisions.

M_{L+IM}: Un-factored live load moment plus dynamic load allowance (impact) (kip-ft.).

M_u : Strength I load combination of factored design moments (kip-ft.).
$1.25 (M_{DC1} + M_{DC2}) + 1.5 M_{DW} + 1.75 M_{L+IM}$

f_t : Factored calculated flange lateral bending stress as calculated using Article 6.10.1.6 and as further simplified by IDOT provisions (ksi).

$\phi_f M_n$: Factored nominal flexural resistance of the section determined as specified in Article 6.10.7.1 or A6 as applicable (kip-ft.).

f_s DC1: Un-factored stress at edge of flange for controlling steel flange due to vertical non-composite dead loads as calculated below (ksi).
M_{DC1} / S_s

f_s DC2: Un-factored stress at edge of flange for controlling steel flange due to vertical composite dead loads as calculated below (ksi).
$M_{DC2} / S_c(3n)$ or $M_{DC2} / S_c(cr)$ as applicable.

f_s DW: Un-factored stress at edge of flange for controlling steel flange due to vertical composite future wearing surface loads as calculated below (ksi).
$M_{DW} / S_c(3n)$ or $M_{DW} / S_c(cr)$ as applicable.

f_s (L + IM): Un-factored stress at edge of flange for controlling steel flange due to vertical composite live load plus impact loads as calculated below (ksi).
$M_{L+IM} / S_c(n)$ or $M_{L+IM} / S_c(cr)$ as applicable.

$f_s + f_t/2$ (Service II): Sum of stresses as computed below (ksi).
f_s DC1 + f_s DC2 + f_s DW + 1.3 f_s (L + IM) + $f_t/2$

Service II Resistance: Composite ($0.95R_h F_{yf}$) or noncomposite ($0.80R_h F_{yf}$) stress capacity according to Article 6.10.4.2 (ksi).

$f_s + f_t/3$ (Strength I): Sum of stresses as computed below on non-compact sections (ksi).
1.25 (f_s DC1 + f_s DC2) + 1.5 f_s DW + 1.75 f_s (L + IM) + $f_t/3$

$\phi_f F_n$: Factored nominal flexural resistance of the section as specified in Article 6.10.7.2 or 6.10.8 as applicable (ksi).

V_f : Maximum factored shear range in span computed according to Article 6.10.10.

OCF: Obtuse Correction Factor according to Article 4.6.2.2.3c or as further simplified by IDOT provisions.

R_{DC1} : Un-factored reaction due to non-composite dead load (kip).

R_{DC2} : Un-factored reaction due to long-term composite (superimposed excluding future wearing surface) dead load (kip).

R_{DW} : Un-factored reaction due to long-term composite (superimposed future wearing surface only) dead load (kip).

R_L : Un-factored live load reaction (kip).

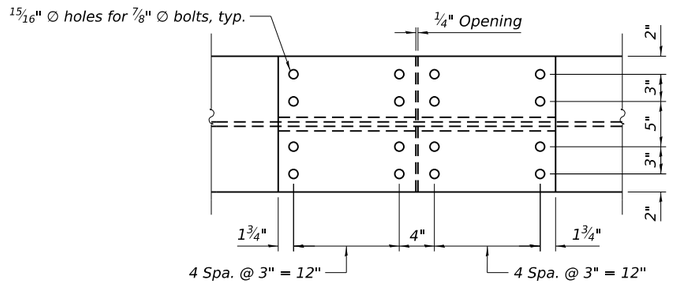
R_{IM} : Un-factored dynamic load allowance (impact) (kip).

R_{Total} (Strength I)(Impact): Strength I load combination of factored design reactions (kip).
1.25 ($R_{DC1} + R_{DC2}$) + 1.5R_{DW} + 1.75 ($R_L + R_{IM}$)

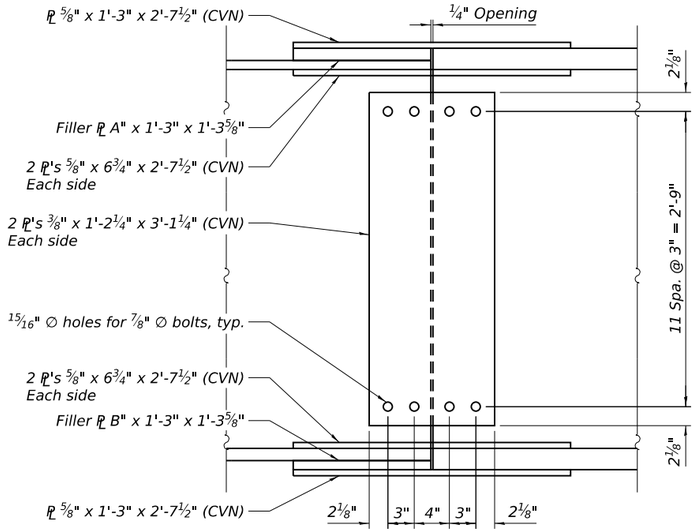
R_{Total} (Strength I)(No Impact): Strength I load combination of factored design reactions, not including dynamic load allowance (Impact) (kip).
1.25 ($R_{DC1} + R_{DC2}$) + 1.5R_{DW} + 1.75 (R_L)

Note:
M_L and R_L include the effects of centrifugal force and superelevation.

* Grid analysis was performed to design the girders for this bridge. Explicitly defined loads were not applied to individual girders. The total DC1 loads were generated within the design software. The unit weights of steel and reinforced concrete utilized are 490 pcf and 150 pcf, respectively.

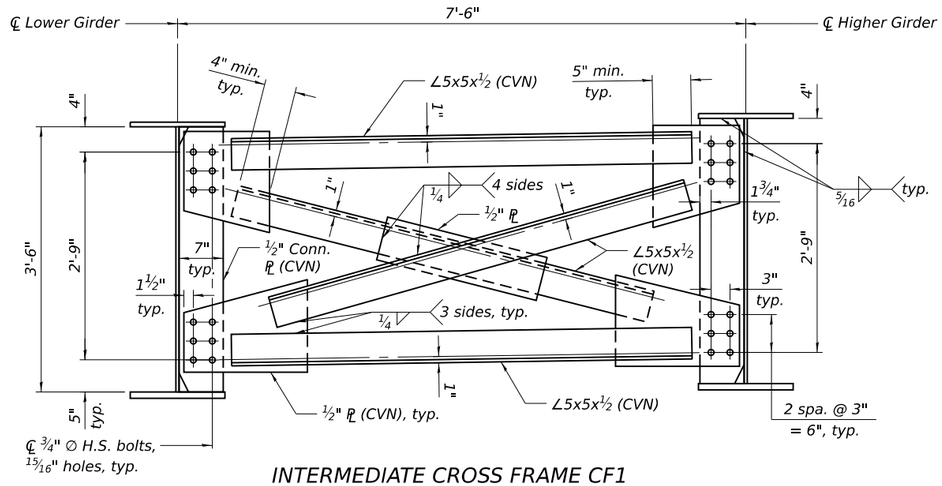


TOP AND BOTTOM FLANGE PLATE PLAN



ELEVATION

FIELD SPLICE DETAIL

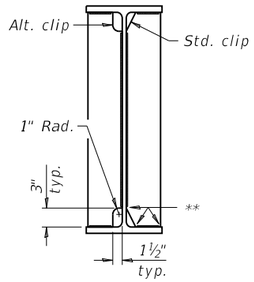


INTERMEDIATE CROSS FRAME CF1

(48 required)

FILL PLATE THICKNESS TABLE

	Splice 1	Splice 2	Splice 3	Splice 4
Top Flange, A	1¼"	1"	1"	1¼"
Bottom Flange, B	1¼"	1¼"	1¼"	1¼"



WELD LIMITS AND CLIP DETAILS

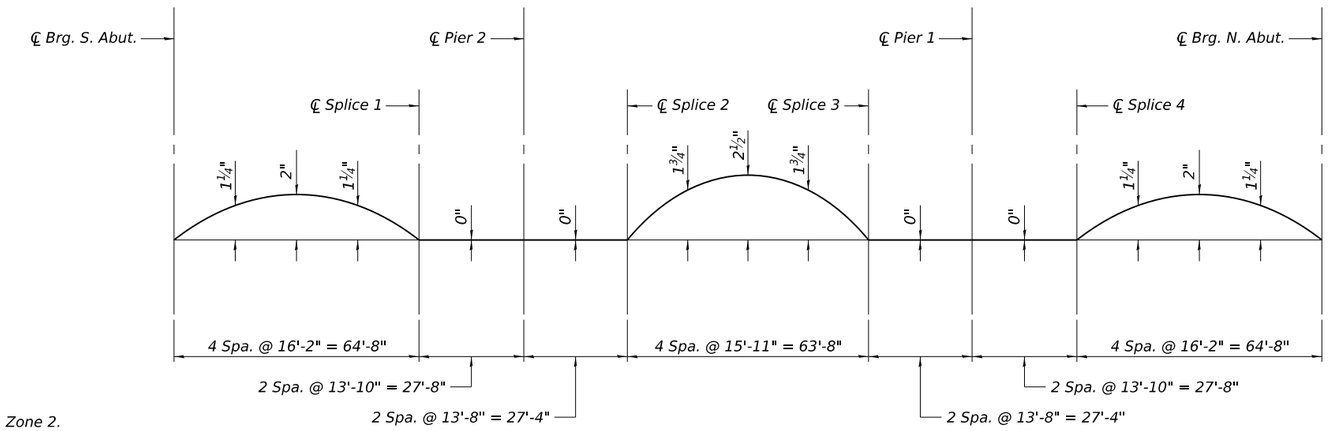
** Stop welds ¼" (±⅛") from edges as shown. Typical.

TOP OF WEB ELEVATIONS

(For Fabrication Only)

Girder	℄ Brg. S. Abut.	℄ Splice 1	℄ Pier 2	℄ Splice 2	℄ Splice 3	℄ Pier 1	℄ Splice 4	℄ Brg. N. Abut.
1	698.72	700.06	700.65	701.13	702.09	702.45	702.72	703.34
2	698.46	699.87	700.48	700.98	702.01	702.40	702.69	703.37
3	698.18	699.66	700.29	700.82	701.92	702.33	702.64	703.39
4	697.67	699.21	699.87	700.43	701.58	702.02	702.36	703.18
5	697.14	698.74	699.43	700.02	701.23	701.70	702.07	702.94

Note:
Two hardened washers required for each set of oversized holes.
Load carrying components designated "CVN" shall conform to the Charpy-V-Notch Impact Energy Requirement, Zone 2.

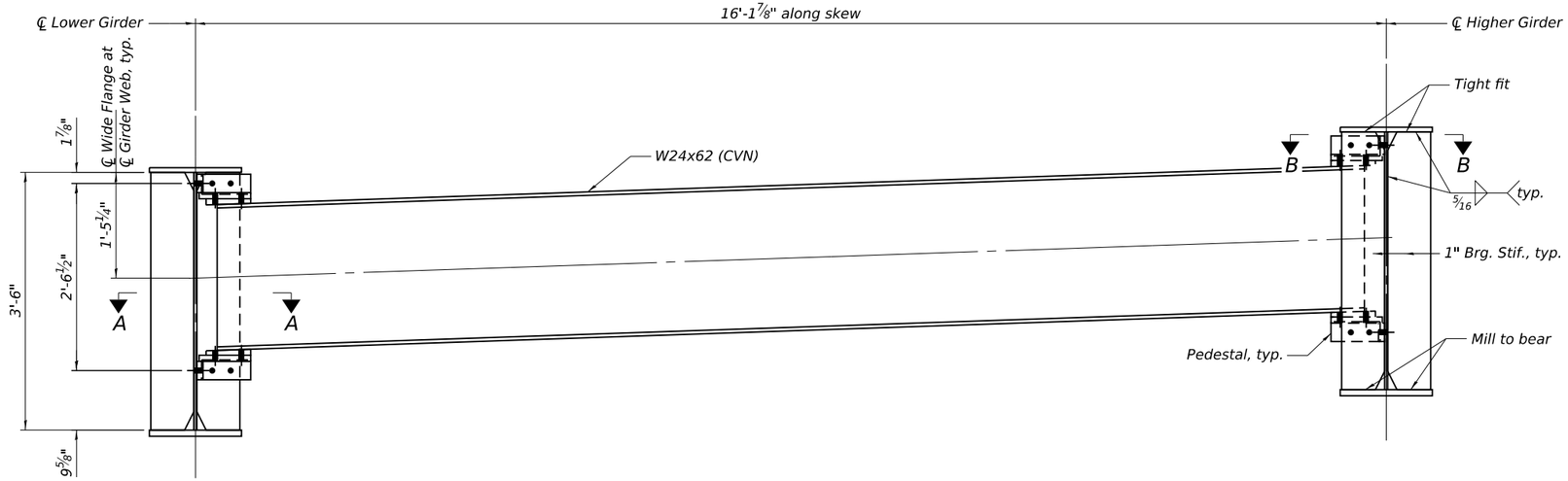


CAMBER DIAGRAM

CMT License No. 184-000613 © Copyright CMT, Inc.	USER NAME = zslechta	DESIGNED - TRH	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION
		DRAWN - TRH	REVISED -	
	PLOT SCALE = 0.16666633 ' / in.	CHECKED - CJW	REVISED -	
	PLOT DATE = 8/18/2023	DATE - 08/18/2023	REVISED -	

STRUCTURAL STEEL DETAILS II
STRUCTURE NO. 072-3072
SHEET 15 OF 31 SHEETS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6577	19-00115-00-BR	PEORIA	99	57
		CONTRACT NO. 89815		
		ILLINOIS	FED. AID PROJECT	



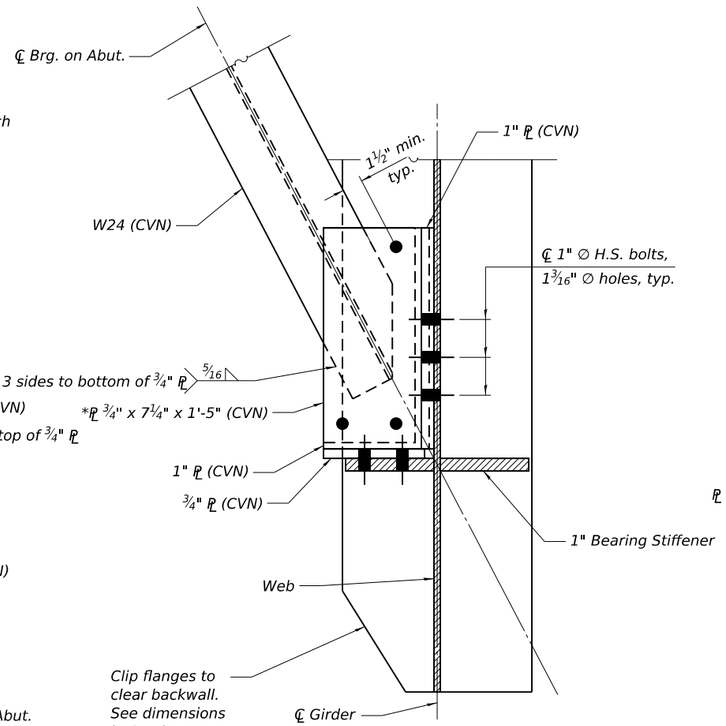
END DIAPHRAGM D1

(8 required)

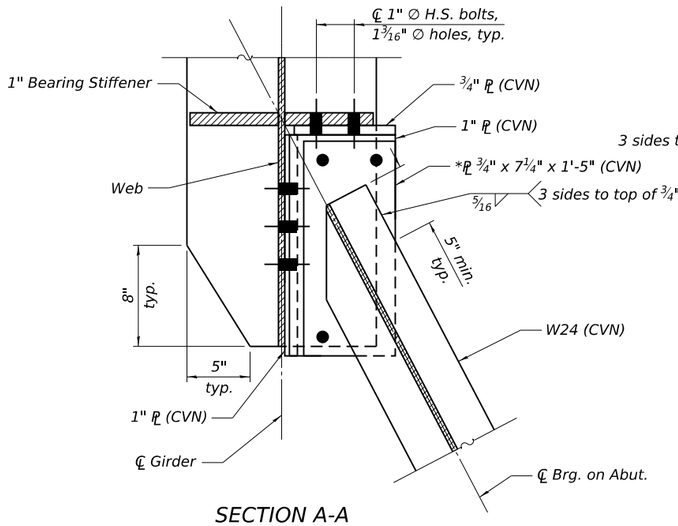
Notes:

Place bolts to maintain 1½" clearance between wide flange and edge of ¾" ℙ.
Load carrying components designated "CVN" shall conform to the Charpy-V-Notch Impact Engergy Requirement, Zone 2.

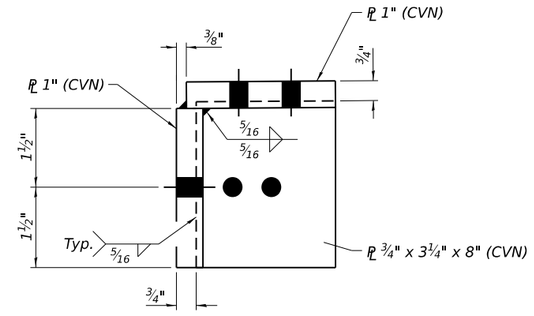
* Tapered plate - ¾" minimum thickness.



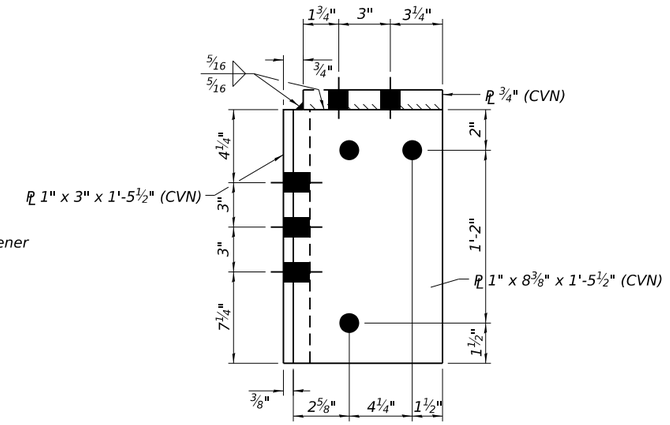
SECTION B-B
TOP CONNECTION DETAIL



SECTION A-A
BOTTOM CONNECTION DETAIL



PEDESTAL ELEVATION



PEDESTAL PLAN

Note:
Bottom pedestal shown, top similar.

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PLOT DATE = 8/18/2023	DATE - 08/18/2023	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

STRUCTURAL STEEL DETAILS III
STRUCTURE NO. 072-3072
SHEET 16 OF 31 SHEETS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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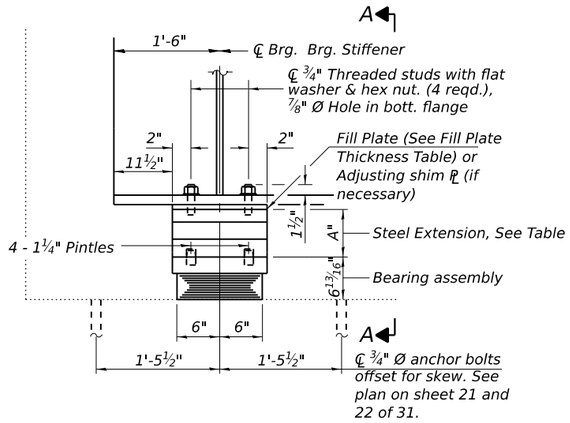
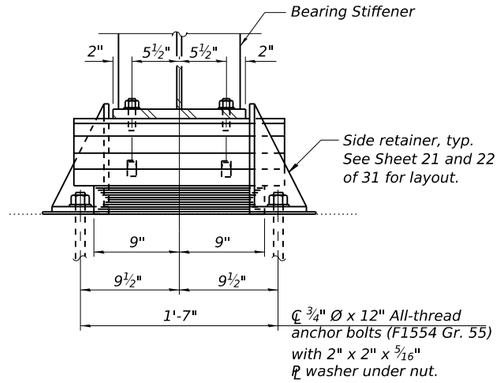
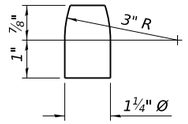
		CONTRACT NO. 89815		
		ILLINOIS FED. AID PROJECT		



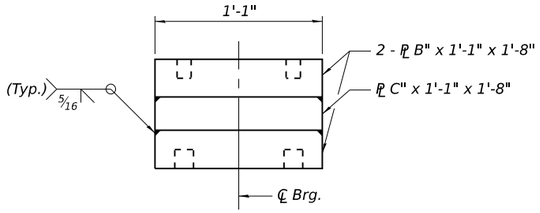
ELEVATION AT S. & N. ABUT.



SECTION A-A



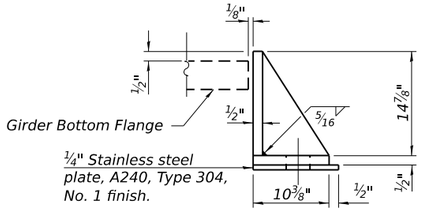
PINTLE

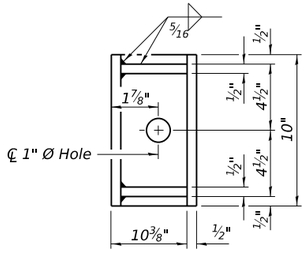


ELEVATION

TYPE I ELASTOMERIC EXP. BRG. AT S. & N. ABUT.

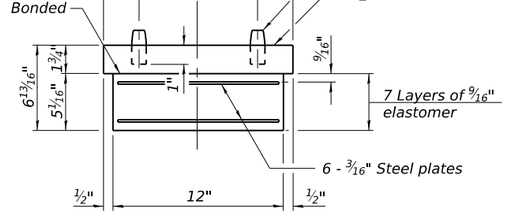
(10 Required)





SIDE RETAINER

Equivalent rolled angle with stiffeners will be allowed in lieu of welded plates.



BEARING ASSEMBLY

END VIEW

STEEL EXTENSION DETAIL

(See table for dimensions)

Note:
Shim plates shall not be placed under bearing assembly.

STEEL EXTENSION TABLE

	A	B	C
S. Abut.	6⅛"	2"	2⅛"
N. Abut.	5¼"	2"	1¼"

FILL PLATE THICKNESS TABLE

	Beam 1	Beam 2	Beam 3	Beam 4	Beam 5
S. Abut.	1¼"	¾"	⅜"	⅛"	-
N. Abut.	-	⅜"	⅝"	⅞"	1½"

Notes:
Burn existing anchor bolts flush with existing concrete surface. Grind existing anchor bolt smooth and seal with epoxy.
The structural steel plates of the Bearing Assemblies and extensions at the abutments shall conform to the requirements of AASHTO M270 Grade 50.
Two ⅛ in. adjusting shims shall be provided for each bearing in addition to all other plates or shims and placed as shown on bearing details.
Side retainers and stainless steel plates shall be included in the cost of Elastomeric Bearing Assembly, Type I.
Anchor bolts and side retainers at all supports shall be installed as each member is erected unless an equivalent temporary means of lateral restraint is used.
Prior to ordering any material, the Contractor shall verify in the field all bearing height and shim thickness dimensions.
New steel extensions and connection bolts are included with Furnishing and Erecting Structural Steel.

BILL OF MATERIAL

Item	Unit	Total
Elastomeric Bearing Assembly Type I	Each	10
Anchor Bolts, 3/4"	Each	20

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PLOT DATE = 8/18/2023	DATE - 08/18/2023	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

BEARING DETAILS I
STRUCTURE NO. 072-3072
SHEET 17 OF 31 SHEETS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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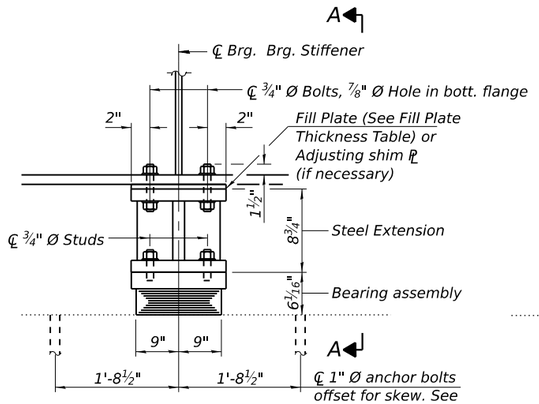
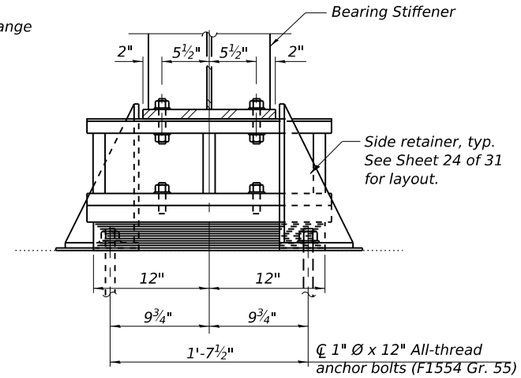
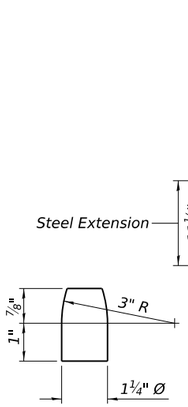
		CONTRACT NO. 89815		
	ILLINOIS	FED. AID PROJECT		



ELEVATION AT PIER 1

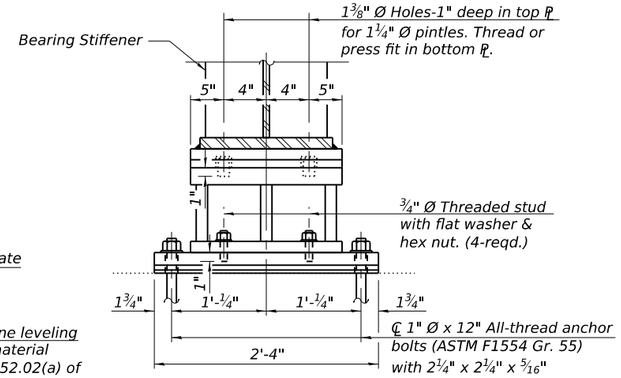


SECTION A-A



PINTLE

ELEVATION AT PIER 2



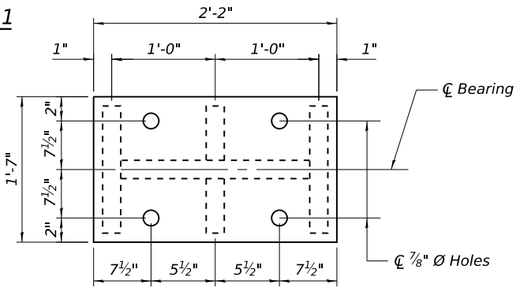
SECTION C-C

FIXED BEARING AT PIER 2

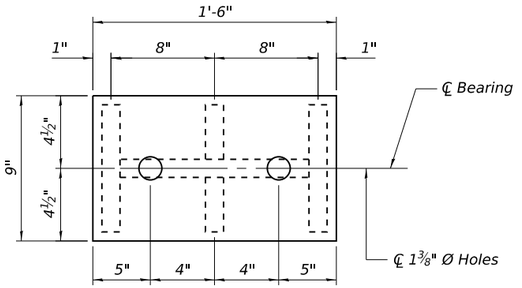
(5 Required)

TYPE I ELASTOMERIC EXP. BRG. AT PIER 1

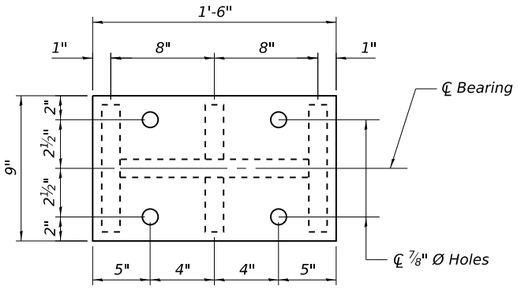
(5 Required)



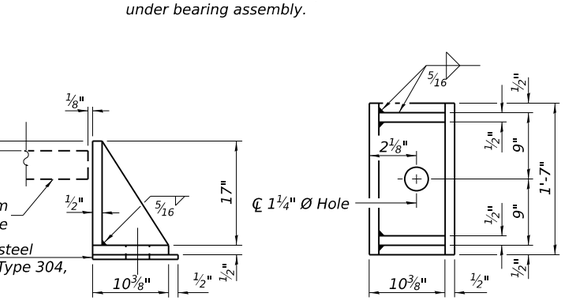
PLAN TOP AND BOTTOM PLATE



PLAN TOP PLATE

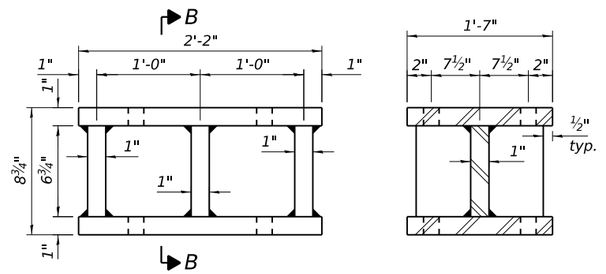


PLAN BOTTOM PLATE



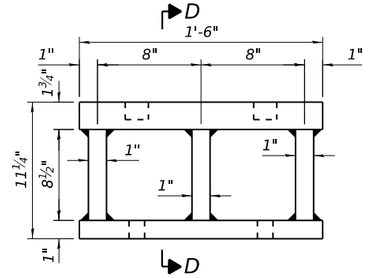
BEARING ASSEMBLY

Note:
Shim plates shall not be placed under bearing assembly.

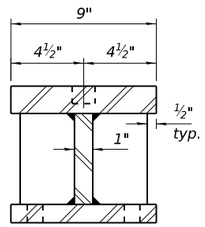


ELEVATION

SECTION B-B



ELEVATION



SECTION D-D

SIDE RETAINER

Equivalent rolled angle with stiffeners will be allowed in lieu of welded plates.

STEEL EXTENSION DETAIL

FILL PLATE THICKNESS TABLE

	Beam 1	Beam 2	Beam 3	Beam 4	Beam 5
Pier 1	⅝"	-	1⅜"	¾"	¾"
Pier 2	⅜"	¼"	-	-	-

STEEL EXTENSION DETAIL

Notes:

Burn existing anchor bolts flush with existing concrete surface. Grind existing anchor bolt smooth and seal with epoxy.

The structural steel plates of the Bearing Assemblies and extensions at the piers shall conform to the requirements of AASHTO M270 Grade 50W.

Two ⅛ in. adjusting shims shall be provided for each bearing in addition to all other plates or shims and placed as shown on bearing details.

Side retainers and stainless steel plates shall be included in the cost of Elastomeric Bearing Assembly, Type I.

Anchor bolts and side retainers at all supports shall be installed as each member is erected unless an equivalent temporary means of lateral restraint is used.

Prior to ordering any material, the Contractor shall verify in the field all bearing height and shim thickness dimensions.

New steel extensions, connection bolts, and fixed bearing plates are included with Furnishing and Erecting Structural Steel.

BILL OF MATERIAL

Item	Unit	Total
Elastomeric Bearing Assembly Type I	Each	5
Anchor Bolts, 1"	Each	18

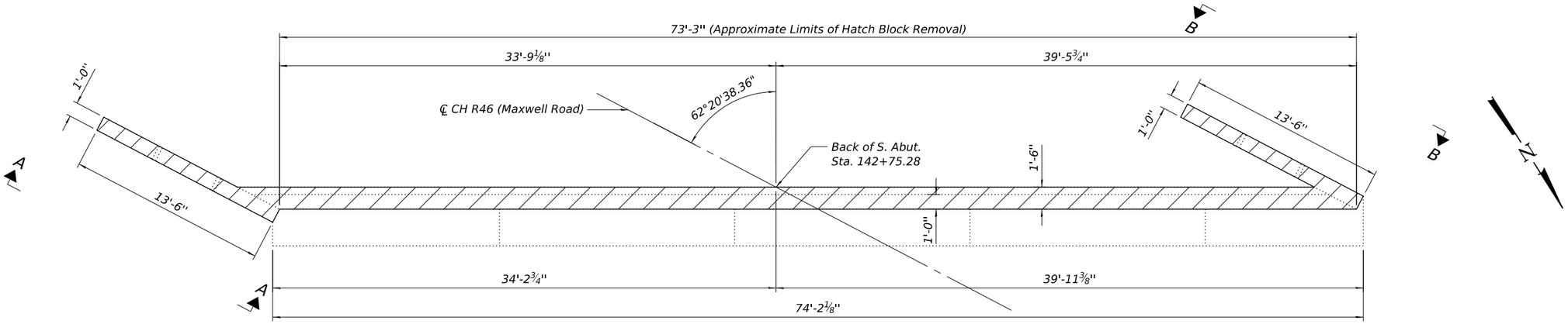
CMT
License No. 184-000613

USER NAME = zslechta	DESIGNED - TRH	REVISED -	
	DRAWN - TRH	REVISED -	
PLOT SCALE = 0.16666633 ' / in.	CHECKED - CJW	REVISED -	
PLOT DATE = 8/18/2023	DATE - 08/18/2023	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

BEARING DETAILS II
STRUCTURE NO. 072-3072
SHEET 18 OF 31 SHEETS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6577	19-00115-00-BR	PEORIA	99	60
		CONTRACT NO. 89815		
	ILLINOIS FED. AID PROJECT			



Notes:

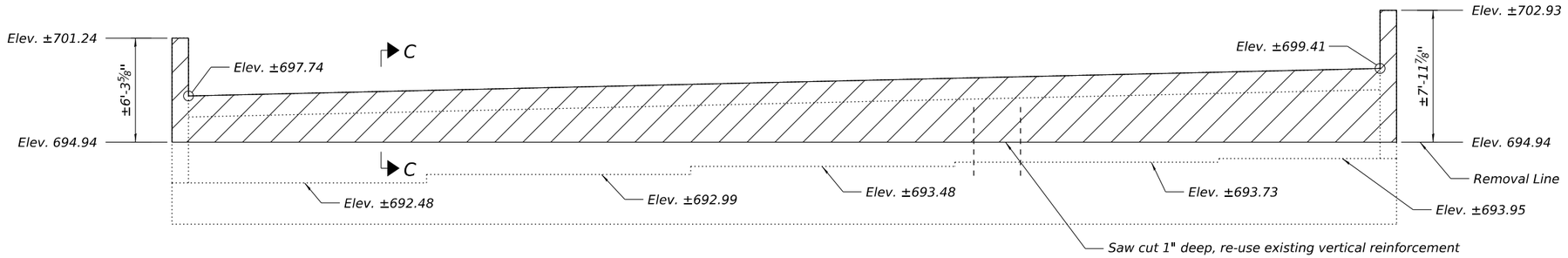
Elevations shown herein have been determined from existing survey data and are subject to field verification and adjustment during construction.

Where noted in the plans, existing reinforcement bars shall be cleaned, straightened and incorporated into the new construction. Cost included with Concrete Removal.

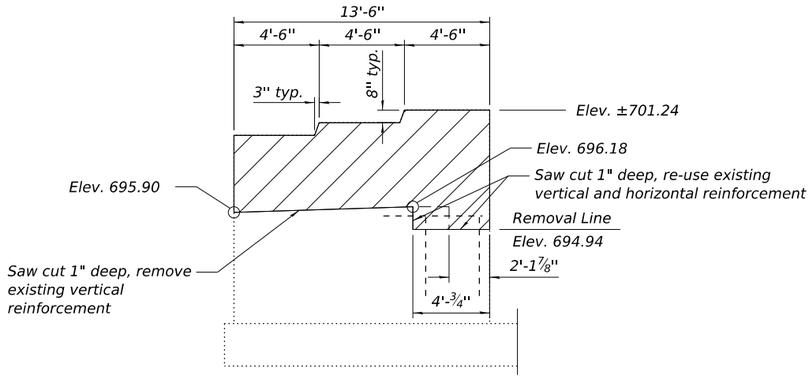
Where noted in the plans, existing reinforcement bars shall be cut flush with removal line. Grind smooth and seal with epoxy. Cost included with Concrete Removal.

Concrete removal quantities have been determined from existing plan data. Quantities and limits shown herein are estimated. Actual quantities shall be determined in the field by the Engineer.

SOUTH ABUTMENT PLAN

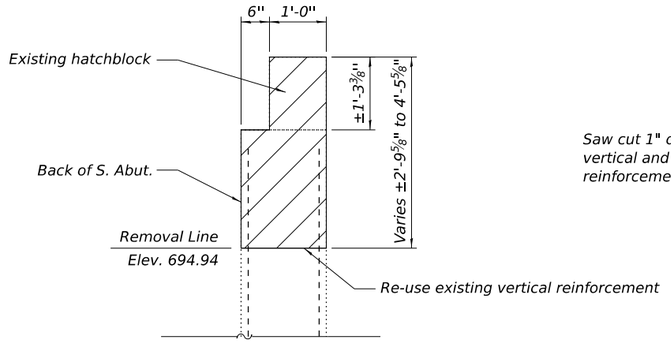


SOUTH ABUTMENT ELEVATION

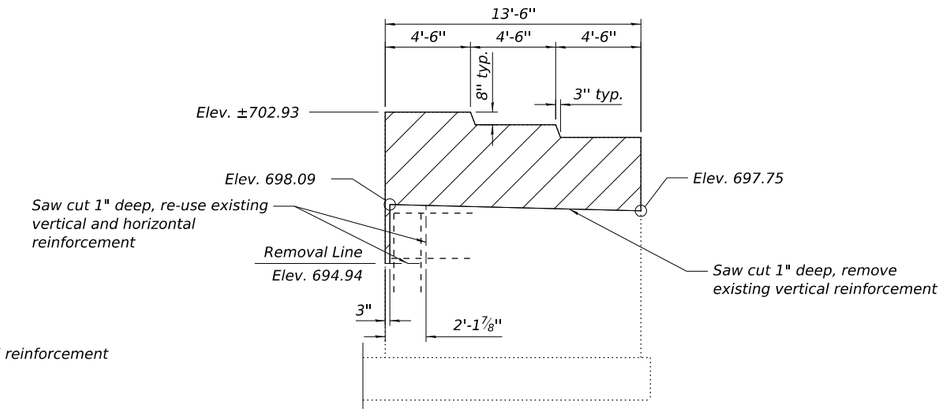


VIEW A-A

(South Abut. East Wing Wall)



SECTION C-C



VIEW B-B

(South Abut. West Wing Wall)

BILL OF MATERIAL

Item	Unit	Total
Concrete Removal	Cu. Yd.	17.6
Structure Excavation	Cu. Yd.	43.4

MODEL: South Abutment Removal [Sheet]
FILE NAME: L:\Peoria\C0\21001201-01_MaxwellRdBridge\120101\Structures\Sheets\21001201-01_MaxwellRdBridge_Abutment Removal Details - South.dgn

CMT
License No. 184-000613

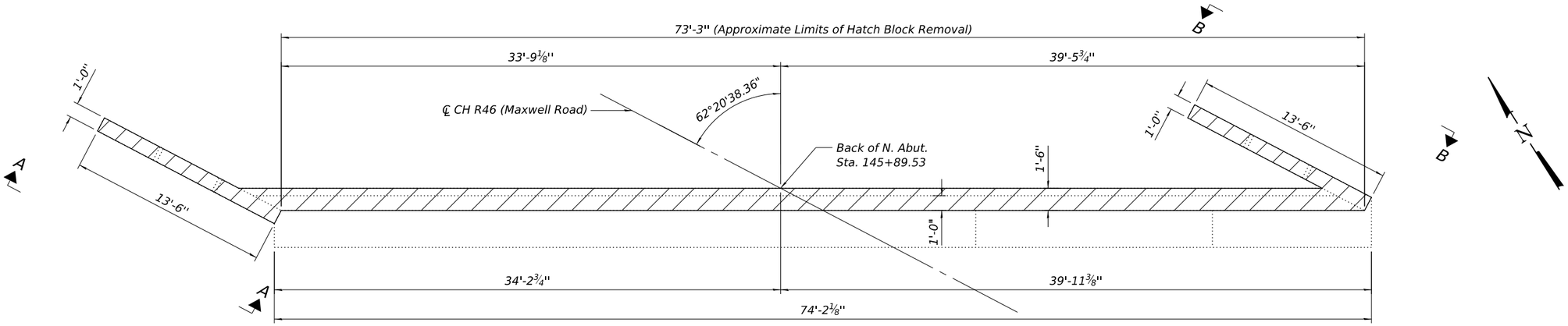
USER NAME = zslechta	DESIGNED - TRH	REVISED -	
	DRAWN - TRH	REVISED -	
PLOT SCALE = 0.16666633 ' / in.	CHECKED - CJW	REVISED -	
PLOT DATE = 8/18/2023	DATE - 08/18/2023	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SOUTH ABUTMENT REMOVAL DETAILS
STRUCTURE NO. 072-3072

SHEET 19 OF 31 SHEETS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6577	19-00115-00-BR	PEORIA	99	61
		CONTRACT NO. 89815		
	ILLINOIS	FED. AID PROJECT		



Notes:

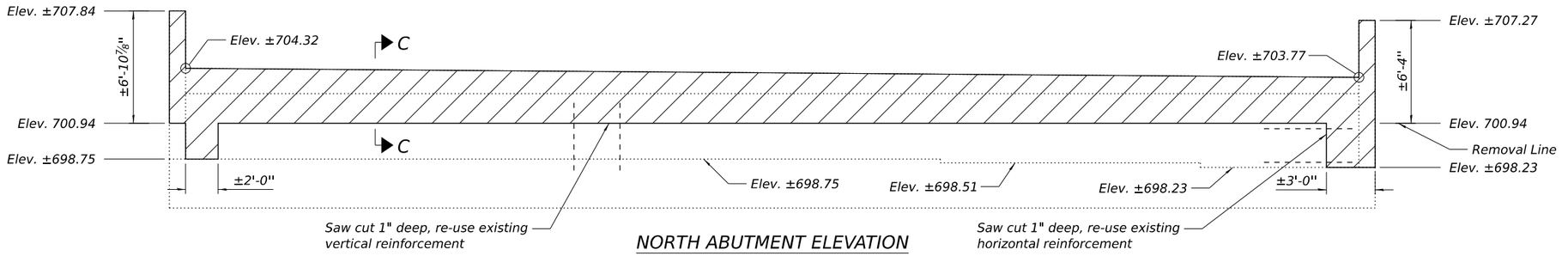
Elevations shown herein have been determined from existing survey data and are subject to field verification and adjustment during construction.

Where noted in the plans, existing reinforcement bars shall be cleaned, straightened and incorporated into the new construction. Cost included with Concrete Removal.

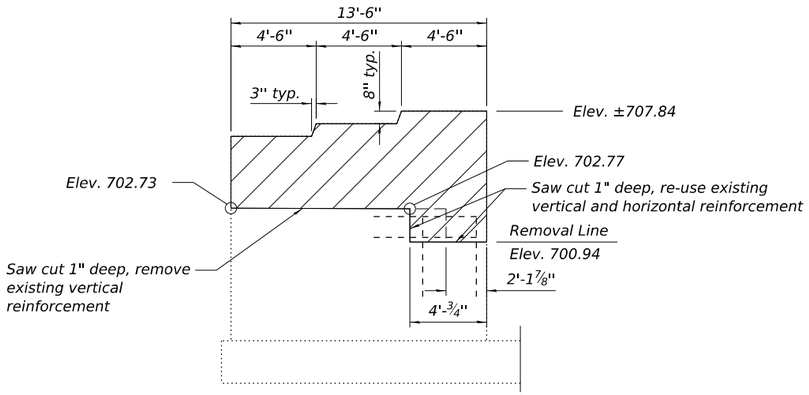
Where noted in the plans, existing reinforcement bars shall be cut flush with removal line. Grind smooth and seal with epoxy. Cost included with Concrete Removal.

Concrete removal quantities have been determined from existing plan data. Quantities and limits shown herein are estimated. Actual quantities shall be determined in the field by the Engineer.

NORTH ABUTMENT PLAN

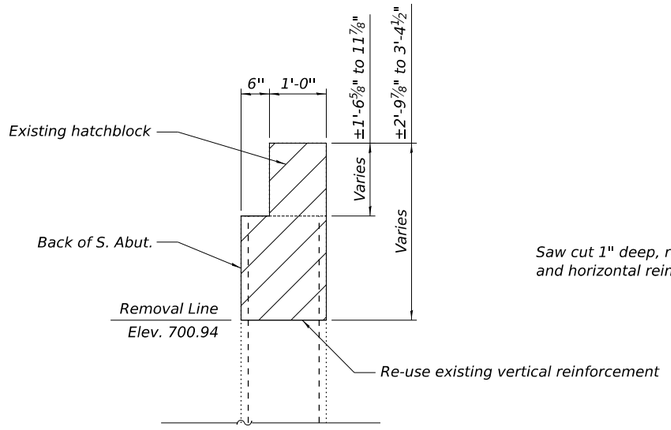


NORTH ABUTMENT ELEVATION



VIEW A-A

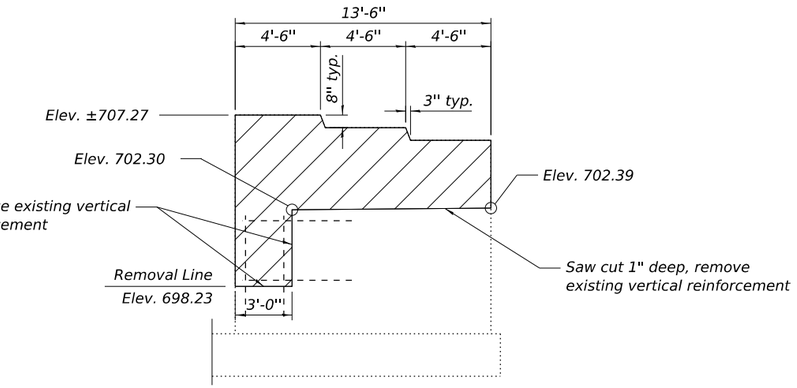
(North Abut. West Wing Wall)



SECTION C-C

BILL OF MATERIAL

Item	Unit	Total
Concrete Removal	Cu. Yd.	16.4
Structure Excavation	Cu. Yd.	45.1



VIEW B-B

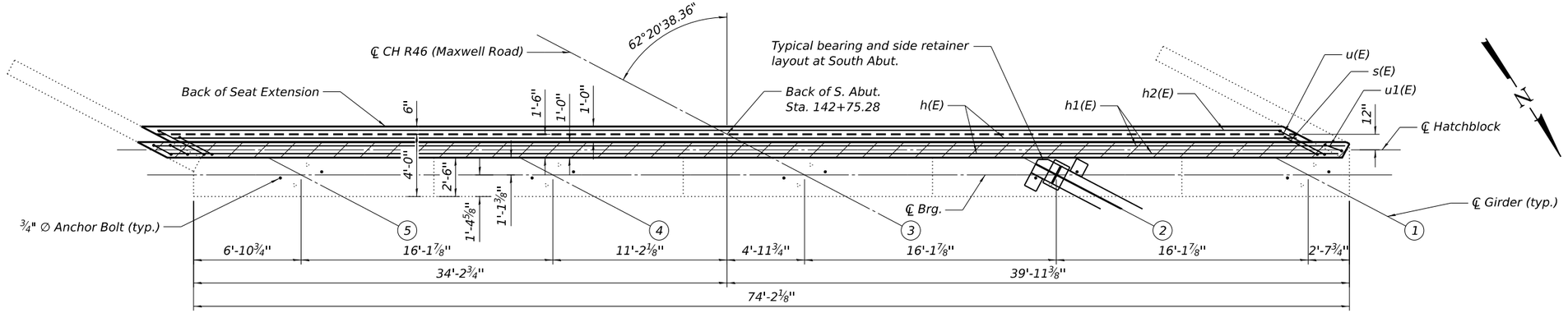
(North Abut. East Wing Wall)

MODEL: North Abutment Removal [Sheet]
FILE NAME: L:\Peoria\CO\21001201-01_MaxwellRdBridge\12101\Structures\Sheets\21001201-01_MaxwellRdBridge_Abutment Removal Details - North.dgn

CMT
License No. 184-000613

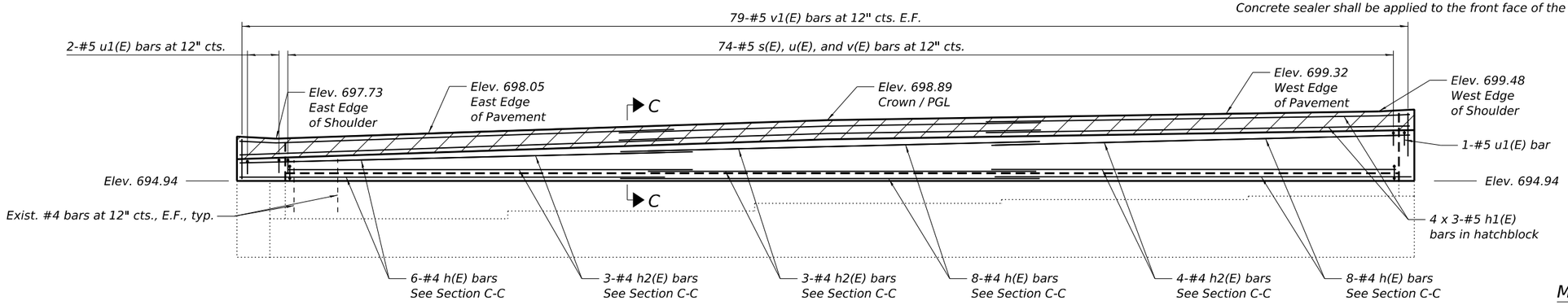
USER NAME = zslechta	DESIGNED - TRH	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	NORTH ABUTMENT REMOVAL DETAILS STRUCTURE NO. 072-3072
	DRAWN - TRH	REVISED -		
PLOT SCALE = 0.16666633 ' / in.	CHECKED - CJW	REVISED -		SHEET 20 OF 31 SHEETS
PLOT DATE = 8/18/2023	DATE - 08/18/2023	REVISED -		

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6577	19-00115-00-BR	PEORIA	99	62
		CONTRACT NO. 89815		
	ILLINOIS	FED. AID PROJECT		



SOUTH ABUTMENT PLAN

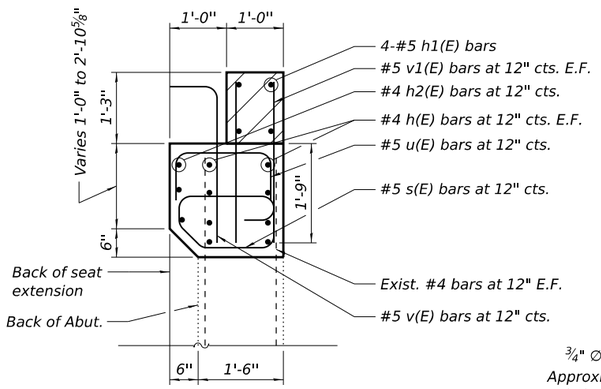
Notes:
Hatched area to be poured after superstructure falsework has been removed. Concrete for hatched area shall be paid for as Concrete Superstructure.
Elevations at the top of hatched area are given at the ℄ of the hatchblock.
Concrete sealer shall be applied to the front face of the newly placed back wall/hatchblock.



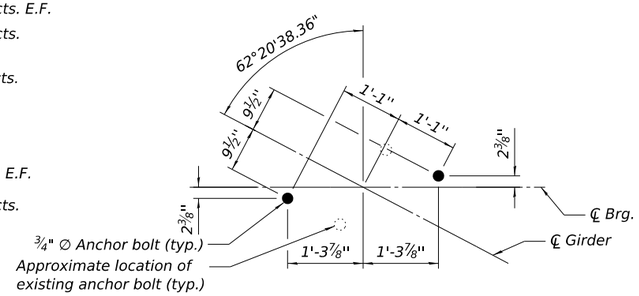
SOUTH ABUTMENT ELEVATION

MINIMUM BAR LAP

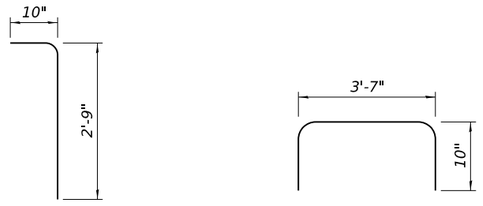
#4 Bar = 2'-7"
#5 Bar = 3'-2"



SECTION C-C



TYPICAL ANCHOR BOLT PLACEMENT DETAIL



SOUTH ABUTMENT BILL OF MATERIAL

Bar	No.	Size	Length	Shape
h(E)	22	#4	27'-7"	
h1(E)	12	#5	28'-2"	
h2(E)	10	#4	26'-3"	
s(E)	74	#5	9'-5"	
u(E)	74	#5	5'-3"	
u1(E)	3	#5	3'-1"	
v(E)	74	#5	3'-7"	
v1(E)	158	#5	2'-10"	
Concrete Structures			Cu. Yd.	14.0
Reinforcement Bars, Epoxy Coated			Pound	2,820
Concrete Sealer			Sq. Ft.	301

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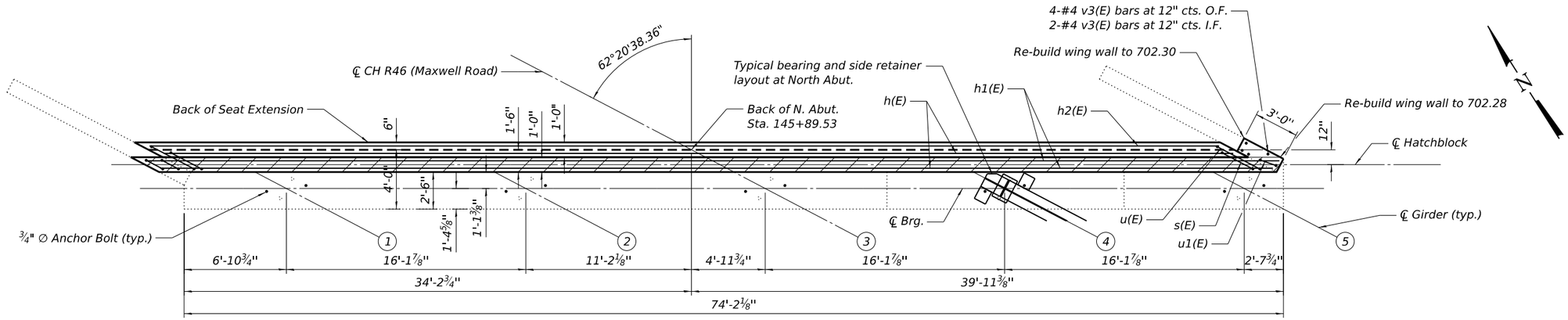
USER NAME = zslechta	DESIGNED - TRH	REVISED -	
	DRAWN - TRH	REVISED -	
PLOT SCALE = 0.16666633 ' / in.	CHECKED - CJW	REVISED -	
PLOT DATE = 8/18/2023	DATE - 08/18/2023	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

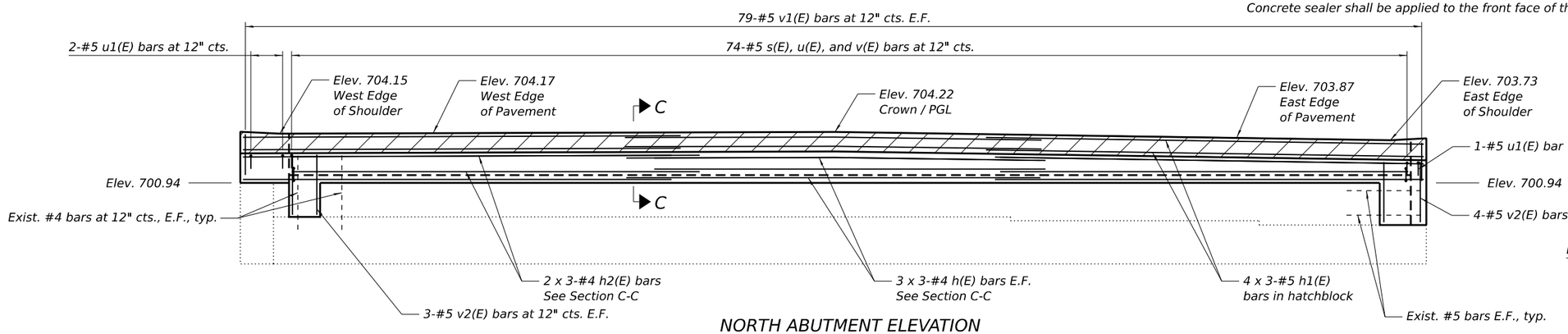
SOUTH ABUTMENT
STRUCTURE NO. 072-3072
SHEET 21 OF 31 SHEETS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6577	19-00115-00-BR	PEORIA	99	63
		CONTRACT NO. 89815		
	ILLINOIS FED. AID PROJECT			



NORTH ABUTMENT PLAN

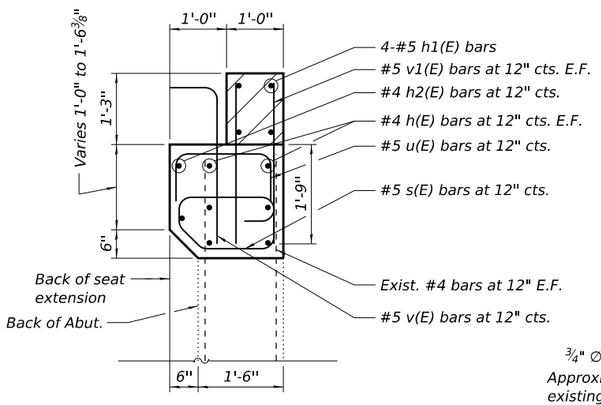
Notes:
Hatched area to be poured after superstructure falsework has been removed. Concrete for hatched area shall be paid for as Concrete Superstructure.
Elevations at the top of hatched area are given at the ℄ of the hatchblock.
Concrete sealer shall be applied to the front face of the newly placed back wall/hatchblock.



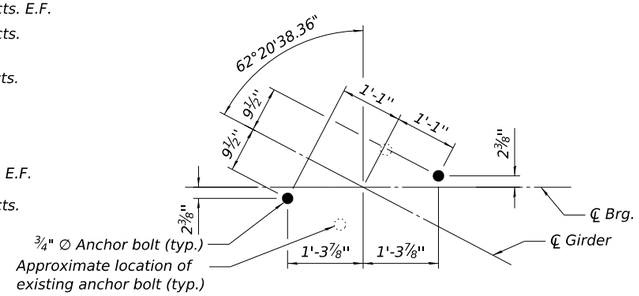
NORTH ABUTMENT ELEVATION

MINIMUM BAR LAP

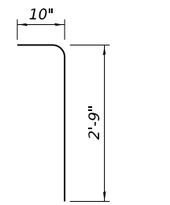
#4 Bar = 2'-7"
#5 Bar = 3'-2"



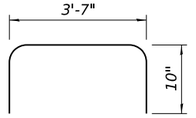
SECTION C-C



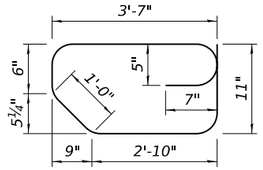
TYPICAL ANCHOR BOLT PLACEMENT DETAIL



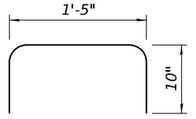
v(E)



u(E)



s(E)



u1(E)

NORTH ABUTMENT BILL OF MATERIAL

Bar	No.	Size	Length	Shape
h(E)	18	#4	27'-7"	
h1(E)	12	#5	28'-2"	
h2(E)	6	#4	26'-3"	
s(E)	74	#5	9'-5"	
u(E)	74	#5	5'-3"	
u1(E)	3	#5	3'-1"	
v(E)	74	#5	3'-7"	
v1(E)	158	#5	2'-10"	
v2(E)	14	#5	3'-10"	
v3(E)	6	#4	3'-8"	
Concrete Structures			Cu. Yd.	11.2
Reinforcement Bars, Epoxy Coated			Pound	2,750
Concrete Sealer			Sq. Ft.	280

MODEL: Abutment Details - North [Sheet]
FILE NAME: L:\Peoria\CO\21001201-01_MaxwellRdBridge\120101\Structures\Sheets\21001201-01_MaxwellRdBridge_Abutment Details - North.dgn

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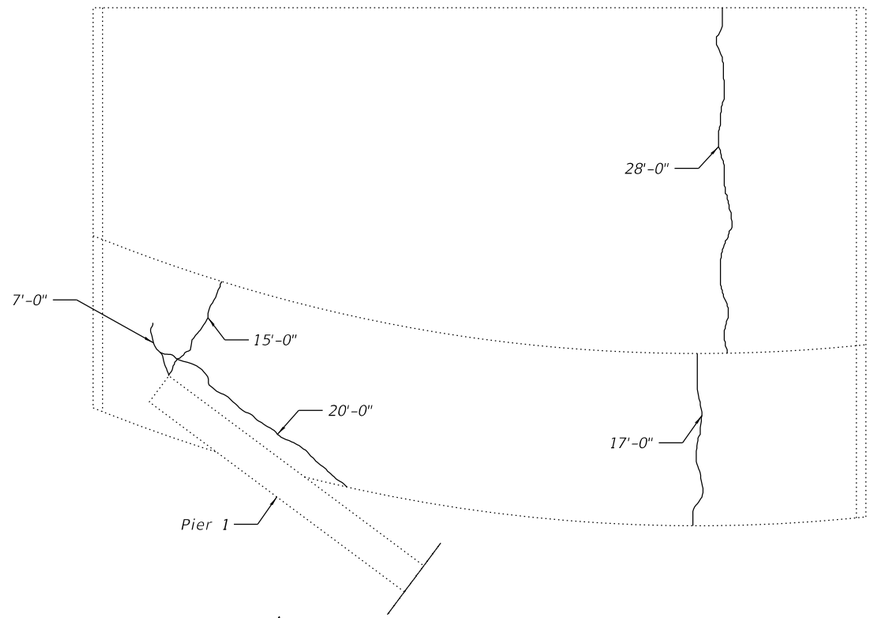
License No. 184-000613

USER NAME = zslechta	DESIGNED - TRH	REVISED -	
	DRAWN - TRH	REVISED -	
PLOT SCALE = 0.16666633 ' / in.	CHECKED - CJW	REVISED -	
PLOT DATE = 8/18/2023	DATE - 08/18/2023	REVISED -	

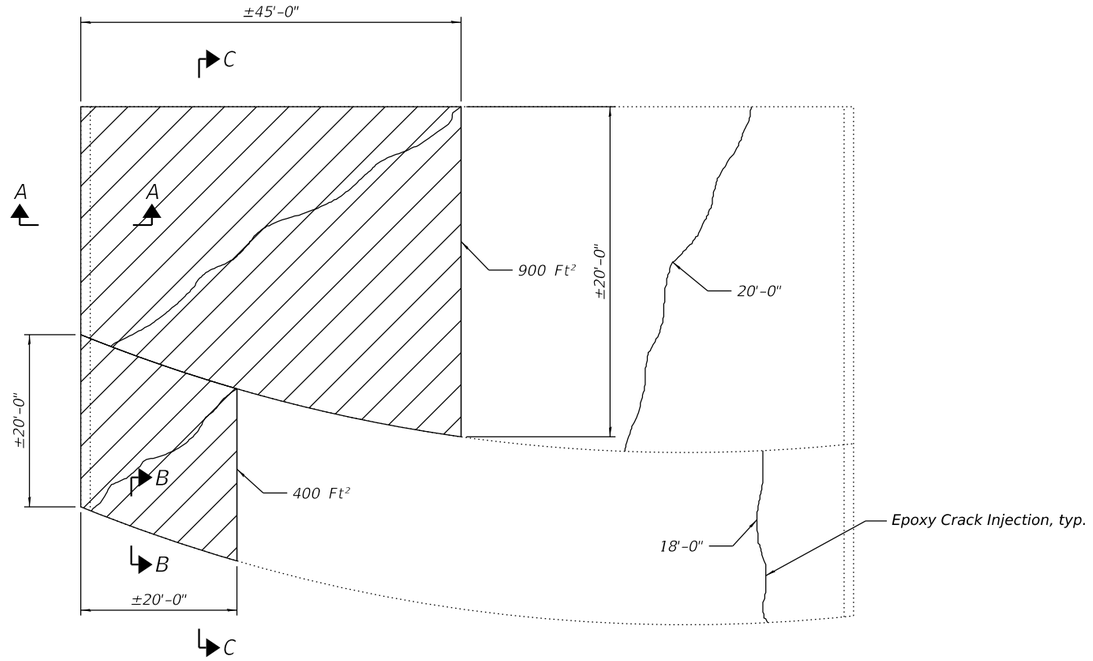
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

NORTH ABUTMENT
STRUCTURE NO. 072-3072
SHEET 22 OF 31 SHEETS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6577	19-00115-00-BR	PEORIA	99	64
		CONTRACT NO. 89815		
	ILLINOIS FED. AID PROJECT			



NORTH ABUTMENT SLOPE WALL PLAN

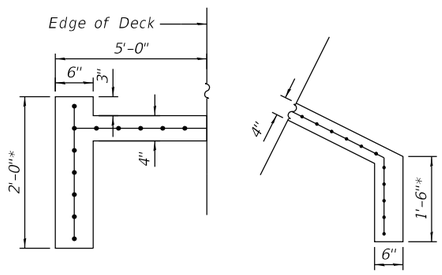


SOUTH ABUTMENT SLOPE WALL PLAN

LEGEND

Undermined Slope Wall, Replace

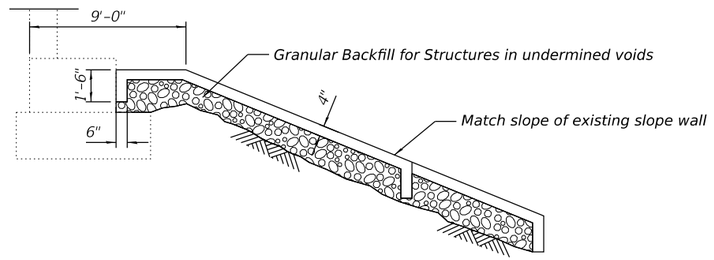
Crack, Epoxy



SECTION A-A

SECTION B-B

*Cut-off walls are dimensioned to match existing record plans.



SECTION C-C

Notes:
Slope Wall Removal, Slope Wall 4 Inch, Epoxy Crack Injection, and Granular Backfill for Structures quantities and limits shown herein are estimated. Actual quantities shall be determined in the field by the Engineer.
Layout of the slope protection system may be varied to suit ground conditions in the field as directed by the Engineer.
Slope wall shall be reinforced with welded wire fabric, 6 in. x 6 in. – W4.0 x W4.0, weighing 58 lbs. per 100 sq. ft.

BILL OF MATERIAL

Item	Unit	Total
Slope Wall Removal	Sq. Yd.	144
Slope Wall, 4 Inch	Sq. Yd.	144
Granular Backfill for Structures	Cu. Yd.	96.3
Epoxy Crack Injection	Foot	125

MODEL: Slope Wall Details [Sheet]
FILE NAME: :\Projects\CO\21001201-01_MaxwellRdBridge\120101\Structures\Sheets\21001201-01_MaxwellRdBridge_Slope Wall Details.dgn

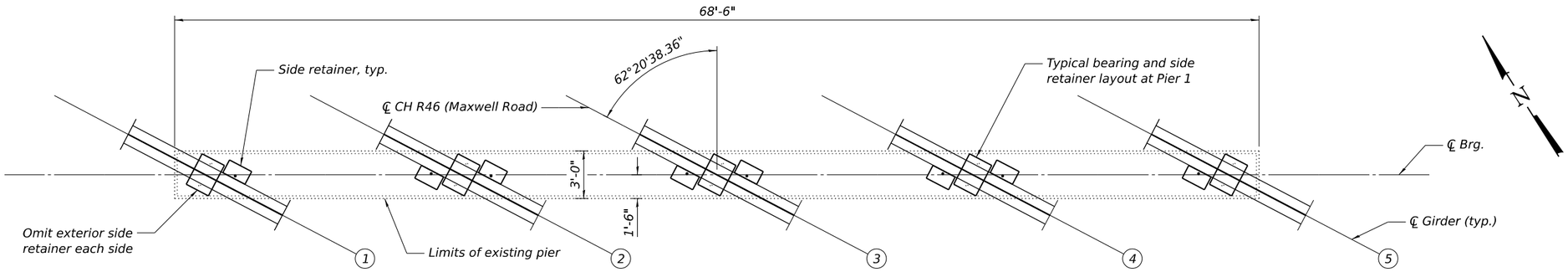
CMT
License No. 184-000613

USER NAME = zslechta		DESIGNED -	TRH	REVISED -	
		DRAWN -	TRH	REVISED -	
PLOT SCALE = 0.16666633 ' / in.		CHECKED -	CJW	REVISED -	
PLOT DATE = 8/18/2023		DATE -	08/18/2023	REVISED -	

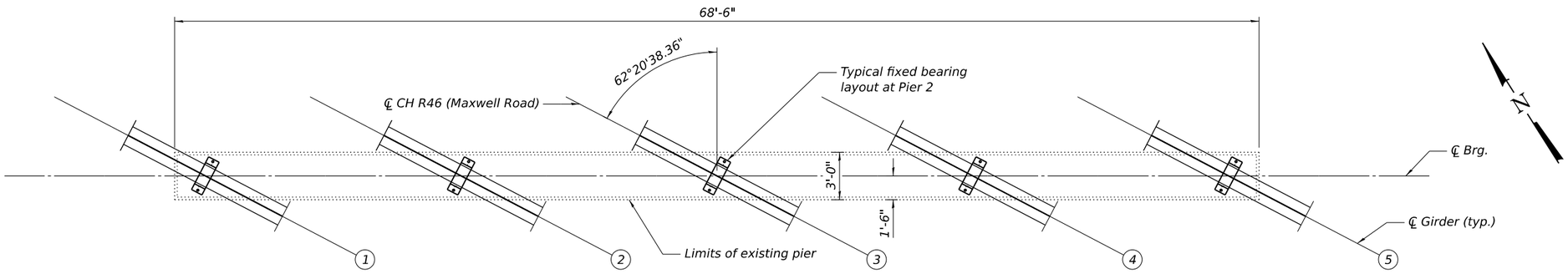
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SLOPE WALL DETAILS
STRUCTURE NO. 072-3072
SHEET 23 OF 31 SHEETS

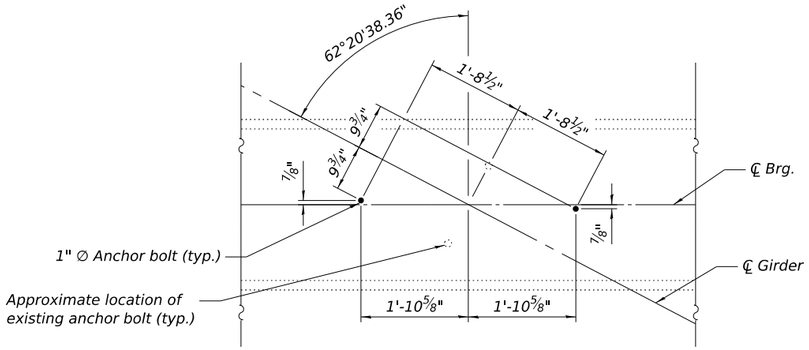
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6577	19-00115-00-BR	PEORIA	99	65
		CONTRACT NO. 89815		
	ILLINOIS	FED. AID PROJECT		



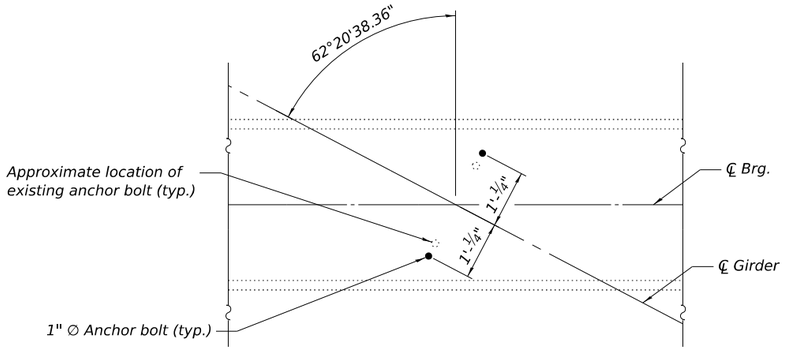
PIER 1 PLAN



PIER 2 PLAN



TYPICAL ANCHOR BOLT PLACEMENT DETAIL - PIER 1



TYPICAL ANCHOR BOLT PLACEMENT DETAIL - PIER 2

Note:
Dimensions have been determined from existing plan data. Limits shown herein are estimated. Actual dimensions shall be determined in the field by the Engineer.

EXISTING PIER SEAT ELEVATIONS

	Girder 1	Girder 2	Girder 3	Girder 4	Girder 5
Pier 1	697.47	697.47	697.29	697.03	696.71
Pier 2	695.68	695.53	695.36	694.94	694.50

MODEL: Pier Detail [Sheet]
FILE NAME: L:\Peoria\CO\21001201-01_MaxwellRdBridge\120101\Structures\Sheets\21001201-01_MaxwellRdBridge_Pier Detail.dgn

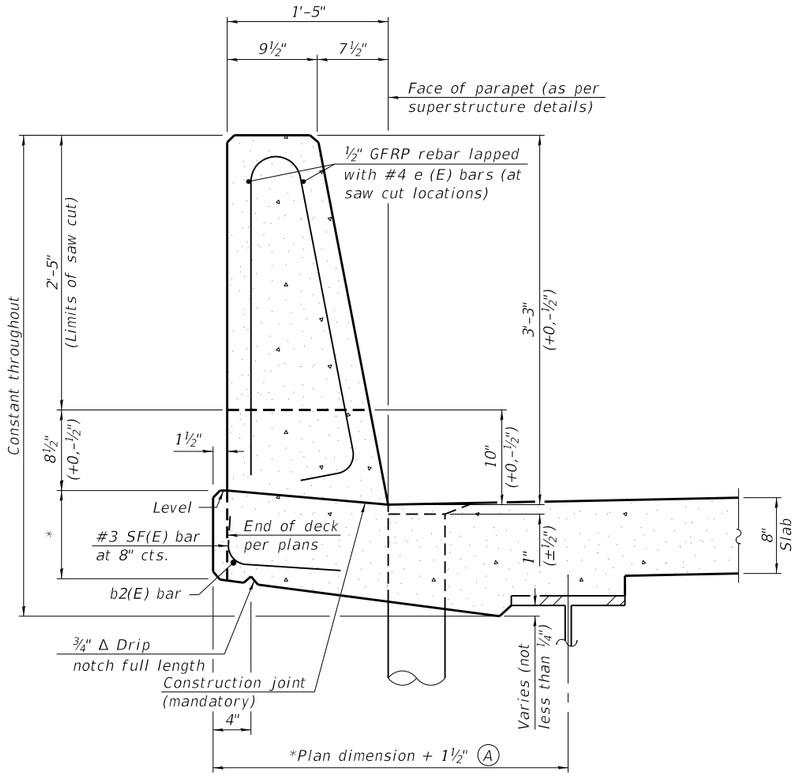
CMT
License No. 184-000613

USER NAME = zslechta	DESIGNED - TRH	REVISED -	
	DRAWN - TRH	REVISED -	
PLOT SCALE = 0.16666633 ' / in.	CHECKED - CJW	REVISED -	
PLOT DATE = 8/18/2023	DATE - 08/18/2023	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

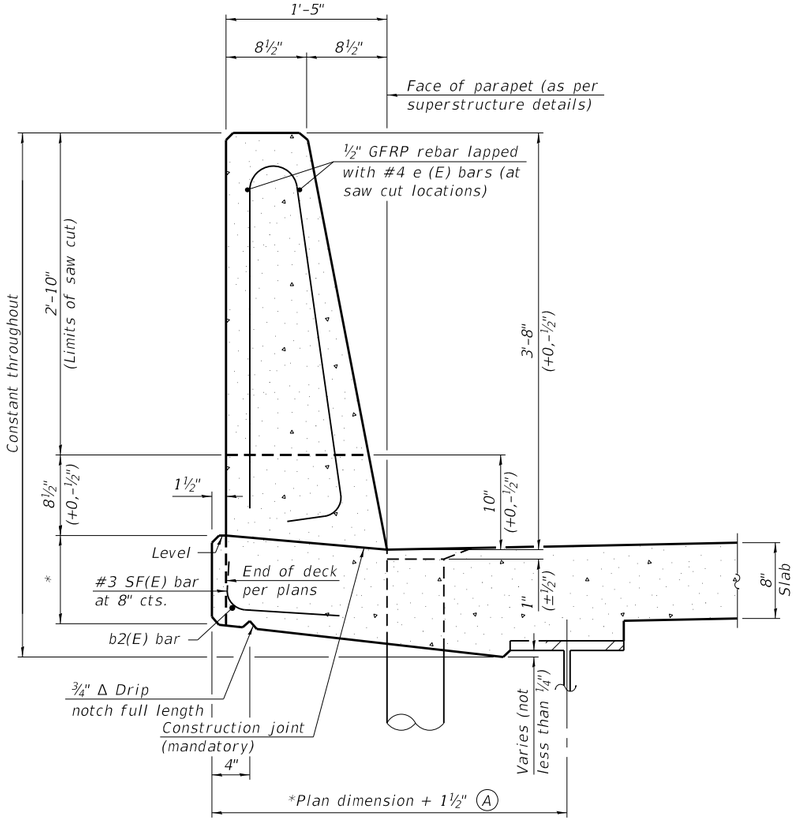
PIER DETAIL
STRUCTURE NO. 072-3072
SHEET 24 OF 31 SHEETS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6577	19-00115-00-BR	PEORIA	99	66
		CONTRACT NO. 89815		
		ILLINOIS	FED. AID PROJECT	



39" CONSTANT-SLOPE PARAPET SECTION

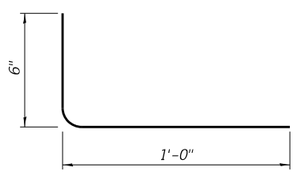
(Showing dimensions, d(E), and ½" Ø GFRP rebar)



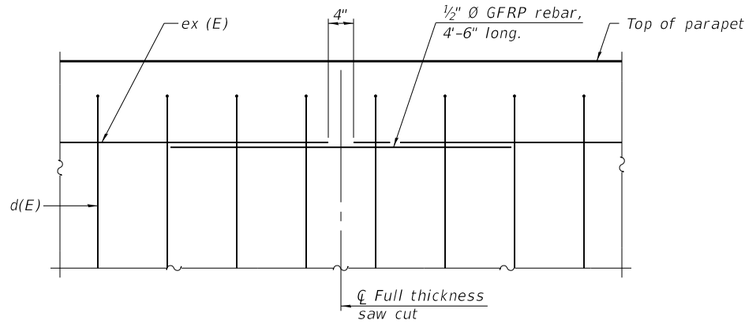
44" CONSTANT-SLOPE PARAPET SECTION

(Showing dimensions, d(E), and ½" Ø GFRP rebar)

*See Superstructure Details.



SF(E) BAR



GFRP REBAR STIFFENING DETAIL

(Place as shown in parapet section at each parapet joint location.)

Notes:
All dimensions shall remain the same as shown on superstructure details, except dimension A which is to be revised as shown. Additional concrete needed to revise dimension A = 0.00348 cu. yds./ft. for 39" and 44" parapets.
Place full depth aluminum sheets as shown on superstructure details.
Replace all cork joint filler locations with a full thickness saw cut.
Steel superstructure shown. Other superstructure types similar.

SFP 39-44 11-1-2022

MODEL: Parapet SlipForming Option [Sheet]
FILE NAME: L:\Decks\CO\210012O1-01_MaxwellRdBridge\120101\Structures\Sheets\210012O1-01_MaxwellRdBridge_Parapet SlipForming Option.dgn

CMT License No.: 184-000613

USER NAME = zslechta	DESIGNED - TRH	REVISED -	
	DRAWN - TRH	REVISED -	
PLOT SCALE = 0.16666633 ' / in.	CHECKED - CJW	REVISED -	
PLOT DATE = 8/18/2023	DATE - 08/18/2023	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CONCRETE PARAPET SLIPFORMING OPTION
STRUCTURE NO. 072-3072
SHEET 25 OF 31 SHEETS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6577	19-00115-00-BR	PEORIA	99	67
		CONTRACT NO. 89815		
	ILLINOIS	FED. AID PROJECT		

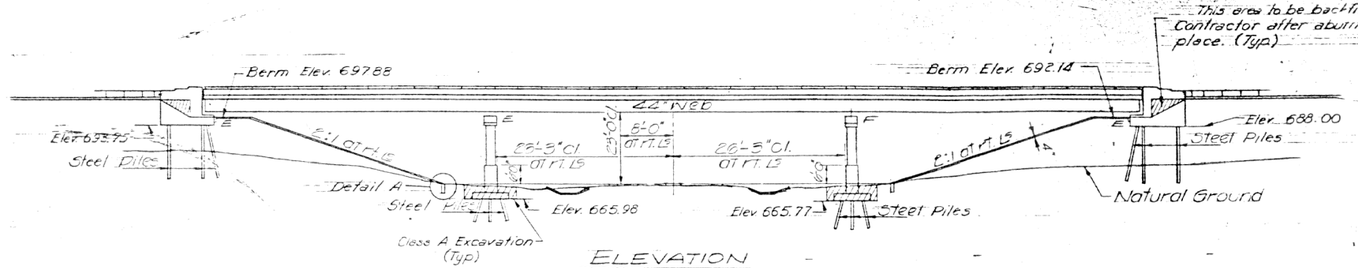
D.M. Greater Peoria Sanitary Dist. Bench Mark
E9' Rt. Sta 20+65 Elev. 681.58

STATE OF ILLINOIS
DEPARTMENT OF PUBLIC WORKS & BUILDINGS
DIVISION OF HIGHWAYS

3072

SECTION NO.	DISTRICT	COUNTY	TOTAL SHEETS	SHEET NO.
FAS 1392	115-2VB	PEORIA	51	16
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT		

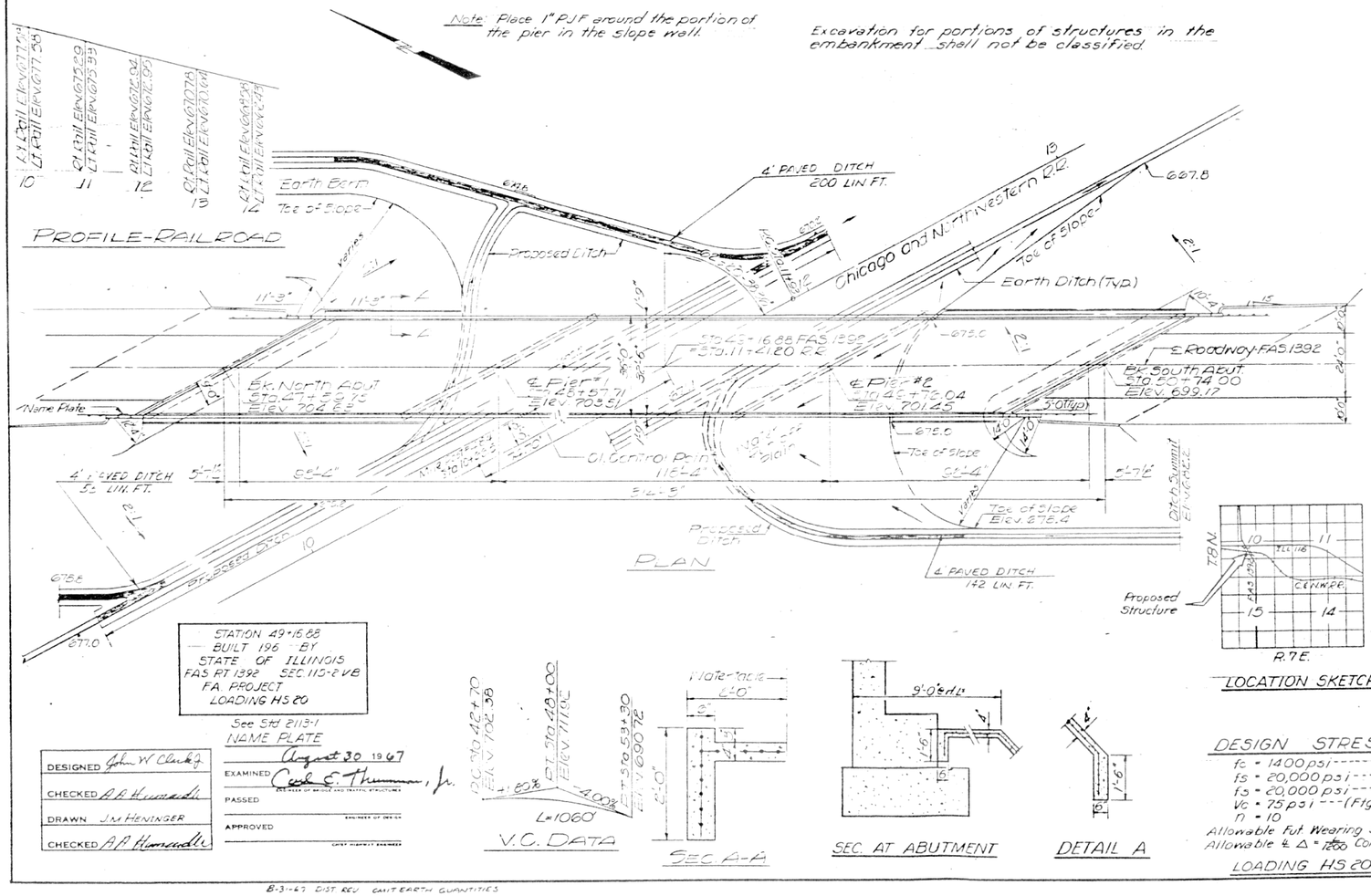
SHEET NO. 1
12 SHEETS



ELEVATION

Note: Place 1" P.J.F around the portion of the pier in the slope wall.

Excavation for portions of structures in the embankment shall not be classified.



PLAN

LOCATION SKETCH

STATION 49+16.88
BUILT 196 BY
STATE OF ILLINOIS
FAS RT 1392 SEC. 115-2VB
F.A. PROJECT
LOADING HS 20

See Std 2113-1
NAME PLATE

DESIGNED	John W. Clark Jr.
CHECKED	A.A. Hamandi
DRAWN	J.M. HENINGER
CHECKED	A.A. Hamandi
	August 30 1967
EXAMINED	Cecil E. Thurman, Jr.
PASSED	ENGINEER OF BRIDGE AND TRAFFIC STRUCTURES
APPROVED	ENGINEER OF DESIGN
	CHIEF HIGHWAY ENGINEER

V.C. DATA

SEC. A-A

SEC. AT ABUTMENT

DETAIL A

B-3-67 DIST. REV. EARTH QUANTITIES AND PAVED DITCH

GENERAL NOTES

Coarse aggregate to be used in parapet handrail and abutment wingwalls must be free of chert, flint, limonite, lignite and soft sandstone.

Permanent forms will not be permitted in forming the concrete floor.

The concrete floor slab shall be finished in accordance with Article 511.9 of the Standard Specifications.

All reinforcement bars shall be lapped 20 diameters unless otherwise shown.

Slope wall shall be reinforced with welded wire fabric, 6x6" mesh, weighing 58# per 100 sq. ft.

All structural steel shall conform to A.S.T.M. Designation A-36.

All welding shall conform to the current specifications for Welded Highway and Railway Bridges of the American Welding Society.

Field welding of construction accessories to the bottom flanges, or for a distance of 1/4 of the span length each way from pier supports on the top flanges of beams or girders, will not be permitted. Field welding in other areas will be permitted only when approved by the engineer.

Rivets 3/4" ℄ Open Holes 13/16" ℄ unless otherwise noted.

Anchor bolts shall be set before fastening diaphragms over supports.

Stud shear connectors on the girder flanges shall be placed in the field after the steel has been erected and the deck forms are in place.

Flange shear connectors are included in the quantity of structural steel. Number required = 3820. Estimated Weight = 2350 lbs.

Except as otherwise provided, all structural steel shall receive one shop coat of red lead paint and two field coats of aluminum Paint.

Exposed surfaces of the expansion devices which are inaccessible after erection, shall receive two shop coats of red lead paint. All other surfaces shall be given one shop coat of red lead paint. Anchor studs shall not be painted.

Expansion devices are included in the quantity of structural steel. Est. Weight = 4080 lbs.

The contractor shall drive two steel test piles, one at the North Abutment and one at Pier 2, each in a permanent location, as directed by the Engineer, before ordering the remainder of the piles.

TOTAL BILL OF MATERIAL

	ITEM	UNIT	SUPER	SUB	TOTAL
*	Class A Excav. for Structures	Cu.Yds.			465
	Class X Concrete	Cu.Yds.	330.5	511.7	842.2
**	Protective Coat	Sq.Yds.	1361		1361
	Structural Steel	Lbs.	332500		332500
	Aluminum Handrail	Lin.Ft.	615		615
	Reinforcement Bars	Lbs.	98290	43870	142160
	Steel Piles (8BP36)	Lin.Ft.		2300	2300
	Test Piles Steel (8BP36)	Ea.		2	2
	Name Plate	Ea.	1		1
	Slope Wall (4")	Sq.Yds.			770
***	Bridge Seat Sealant	L.S.		1	1
	4' Paved Ditch	Lin.Ft.			397

* Includes excavation for slope wall.
** Includes applications on inside face, top, and exposed end of the abutment wings.
*** At abutments only.

DESIGN STRESSES

fc = 1400 psi ------ (Super & Sub)
fs = 20,000 psi ---- (Reinf.)
fs = 20,000 psi ---- (Struct.)
Vc = 75 psi ---- (Figs)
n = 10
Allowable Fut. Wearing Surf. 25#/sq ft.
Allowable L.L. Δ = 1/800 Composite

LOADING HS 20-44

GENERAL PLAN & ELEVATION
F.A.S. RT. 1392 OVER C&NW.R.R.
F.A. PROJECT
F.A.S. RT. 1392 SEC. 115-2VB
PEORIA COUNTY
STA. 49+16.88

FOR INFORMATION ONLY

MODEL: Existing Structure Sheet 1 [Sheet]
FILE NAME: L:\Peoria\CO\21001201-01_MaxwellRdBridge\21001201\Structures\Sheets\21001201-01_MaxwellRdBridge_ExistingRecord Drawings.dgn

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License No. 184-000613

USER NAME = zslechta	DESIGNED - TRH	REVISED -	
	DRAWN - TRH	REVISED -	
PLOT SCALE = 0.16666633 ' / in.	CHECKED - CJW	REVISED -	
PLOT DATE = 8/18/2023	DATE - 08/18/2023	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING GENERAL PLAN AND ELEVATION
STRUCTURE NO. 072-3072
SHEET 26 OF 31 SHEETS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6577	19-00115-00-BR	PEORIA	99	68
		CONTRACT NO. 89815		
	ILLINOIS FED. AID PROJECT			

3072

STATE OF ILLINOIS
DEPARTMENT OF PUBLIC WORKS & BUILDINGS
DIVISION OF HIGHWAYS

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.S. 1392	115-2VB	PEORIA	51	23

SHEET NO. 3
12 SHEETS

WING WALL ELEVATION

SEC C-C

1"ø ANCHOR BOLT

Galvanized Locknut and Washer — Nut — Threads — Galvanized

1'-9 Anchor Bolts cast to be incidental to bridge Structure

Construct Parallel to Grade

Construction Joint

ELEVATION

Hatched area to be poured after the superstructure form has been removed.

℄ Roadway at Back of Abutment

3x3-#6 h_6 (2 E.F., 1 B.F.)

73-#4 v_1 bars at 12" c/s. (E.F.)
73-#4 v_4 bars at 12" c/s. (B.F.)

4x3-#5 h_1 Ea. Face

Elev. 699.02 — Elev. 698.78 — Elev. 698.50

1-#4 s_1 bar

5x2-#7 p_1 bars See Sec. Thru Abut

1-#4 s_3 bar

1-#4 s_3 bar

Elev. 593.75

7-#4 s_3 (Typ between piles)

TOP VIEW

℄ Brg

Slope ¼" between brgs.

2" Chamfer

Const Joint

Optional Const Jt

W.P.

℄ Back of Abut

℄ Hwy.

62°-20'-38.35"

Sta. 47+59.75

4 Bearing Spaces at 115'-1½" = 64'-7⅜"

Batter 2" per ft

SEC A-A

SEC. THRU ABUT.

SEC D-D

8BP36 All Piles

½ gage welded wire fabric 6x6" mesh weighing 58 lbs per 100 sq ft. Cost of Class X Conc. encasement & reinforcement shall be included in cost of furnishing the piles. Forms for encasement may be omitted when soil conditions will permit.

PILE DATA
Type: Steel (8BP36)
Capacity: Drive to ... at
Est Length: 40'
No Reqd: 16 (Includ... one test pile in a perma-nent locati...

℄ Rdwy.

3-#4 Bottom

6-#5 Bottom

℄ Vertical Piles

℄ Battered Piles

℄ Back of Abut.

76-#5 at 8½ c/s Bottom
Space to miss piles

12 Alternate Pile Spaces at 6'-0" = 72'-0"

PLAN - PILE CAP

14-#4 bars at 12" c/s (Ea Face)

10-#4 bars at 12" c/s (Ea Face)

24-#5 at 12" c/s

1-#4 h_5 (Ea Face)

2-#7 p_1 (Ea Face)

11-#4 s_3 at 12" c/s
11-#4 s_2 at 12" c/s

WING WALL ELEVATION

BAR v_4

BAR n

BAR s

BAR u_1

BAR u

BAR h_2

BAR h_1

SEC B-B

NORTH ABUTMENT
BILL OF MATERIAL

Bar	No	Size	Length	Shape
h	24	#5	24'-4"	
h_1	8	#5	4'-0"	
h_2	8	#5	4'-0"	
h_3	4	#4	4'-3"	
h_4	4	#4	8'-9"	
h_5	36	#4	13'-3"	
h_6	9	#6	24'-9"	
n	28	#5	7'-9"	U
p	10	#7	37'-3"	
p_1	8	#7	13'-3"	
s	88	#4	9'-2"	
s_1	38	#4	8'-4"	
s_2	28	#4	7'-8"	
s_3	28	#4	4'-10"	
t	76	#5	5'-9"	
t_1	25	#5	3'-3"	
u	2	#6	11'-7"	
u_1	2	#6	10'-2"	
v	146	#4	7'-0"	
v_1	20	#4	8'-8"	
v_2	15	#4	8'-0"	
v_3	60	#4	7'-4"	
v_4	73	#4	3'-5"	
w	18	#5	25'-4"	
w_1	8	#5	14'-0"	
Class X Concrete			Cu Yds.	105.2
Reinforcement Bars			Lbs.	6180
Steel Piles (8BP36)			Lin. Ft.	600
Piles Steel (8BP36)			Ea.	1

NORTH ABUTMENT
F.A.S. RT. 1392 SEC. 115-2VB
PEORIA COUNTY
STA. 49+16.88

DESIGNED	J.W. Clark Jr.	EXAMINED	Carl C. Thum Jr.
CHECKED	R.A. Hunsaker	PASSED	
DRAWN	J.M. HENINGER	APPROVED	
CHECKED	R.A. Hunsaker		

August 30 1967

FOR INFORMATION ONLY

MODEL: Existing Structure Sheet 2 [Sheet]
FILE NAME: L:\Peoria\CO21001201-01_MaxwellRdBridge\21001201\StructuresSheets\21001201-01_MaxwellRdBridge_ExistingRecordDrawings.dgn

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING NORTH ABUTMENT
STRUCTURE NO. 072-3072
SHEET 27 OF 31 SHEETS

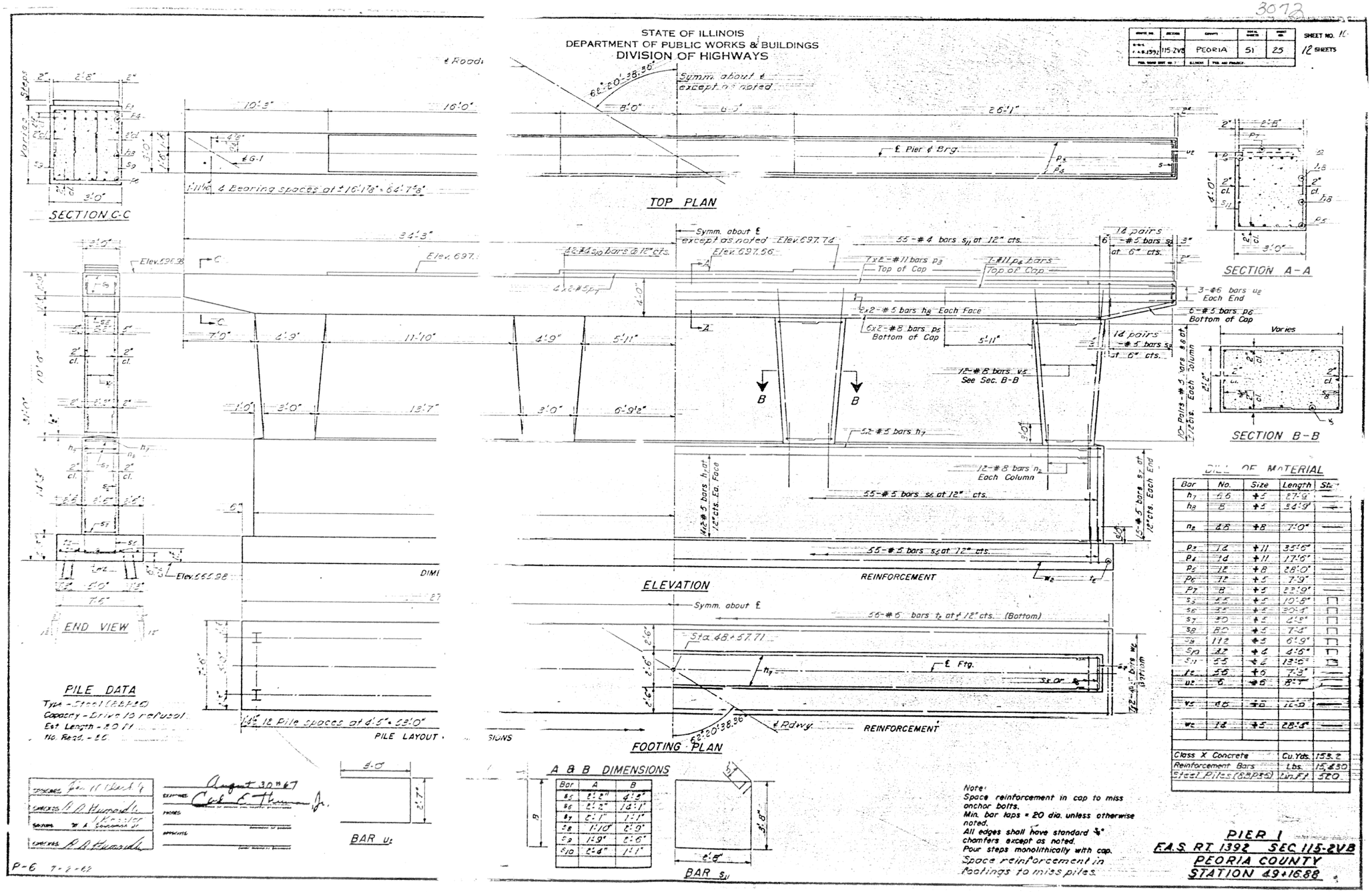
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6577	19-00115-00-BR	PEORIA	99	69
		CONTRACT NO. 89815		
	ILLINOIS	FED. AID PROJECT		

3072

STATE OF ILLINOIS
DEPARTMENT OF PUBLIC WORKS & BUILDINGS
DIVISION OF HIGHWAYS

SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.R.1392 115-2VB	PEORIA	51	25

SHEET NO. 1
12 SHEETS



BILL OF MATERIAL

Bar	No.	Size	Length	Sh.
h_7	66	#5	67'-9"	—
h_8	8	#5	36'-9"	—
n_2	48	#8	7'-0"	—
p_3	14	#11	35'-6"	—
p_4	14	#11	17'-6"	—
p_5	12	#8	28'-0"	—
p_6	12	#5	7'-9"	—
P_7	8	#5	23'-9"	—
s_3	22	#5	10'-8"	⊓
s_6	55	#5	20'-5"	⊓
s_7	20	#5	21'-9"	⊓
s_8	80	#5	7'-8"	⊓
s_9	112	#5	6'-9"	⊓
s_{10}	42	#6	4'-5"	⊓
s_{11}	55	#6	13'-0"	⊓
t_2	56	#6	7'-3"	—
u_2	6	#6	8'-7"	⌐
v_2	48	#8	10'-0"	—
w_2	18	#5	28'-6"	—
Class X Concrete			Cu. Yds.	153.2
Reinforcement Bars			Lbs.	15,630
Steel Piles (HP12x53)			Lin. Ft.	520

A & B DIMENSIONS

Bar	A	B
s_5	2'-2"	4'-9"
s_6	2'-2"	18'-1"
s_7	2'-1"	1'-1"
s_8	1'-10"	2'-9"
s_9	1'-9"	6'-6"
s_{10}	2'-8"	1'-1"

PIER 1
F.A.S. RT 1392 SEC 115-2VB
PEORIA COUNTY
STATION 49+16.88

P-6 7-2-67

August 30th '67
Clark E. Thurman Jr.

FOR INFORMATION ONLY

MODEL: Existing Structure Sheet 3 [Sheet]
FILE NAME: L:\Peoria\C021001201-01_MaxwellRdBridge\120101\Structure\Sheets\21001201-01_MaxwellRdBridge_Existing Record Drawings.dgn

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License No. 184-000613

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	DRAWN - TRH	REVISED -
PLOT SCALE = 0.16666633 ' / in.	CHECKED - CJW	REVISED -
PLOT DATE = 8/18/2023	DATE - 08/18/2023	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING PIER 1
STRUCTURE NO. 072-3072
SHEET 28 OF 31 SHEETS

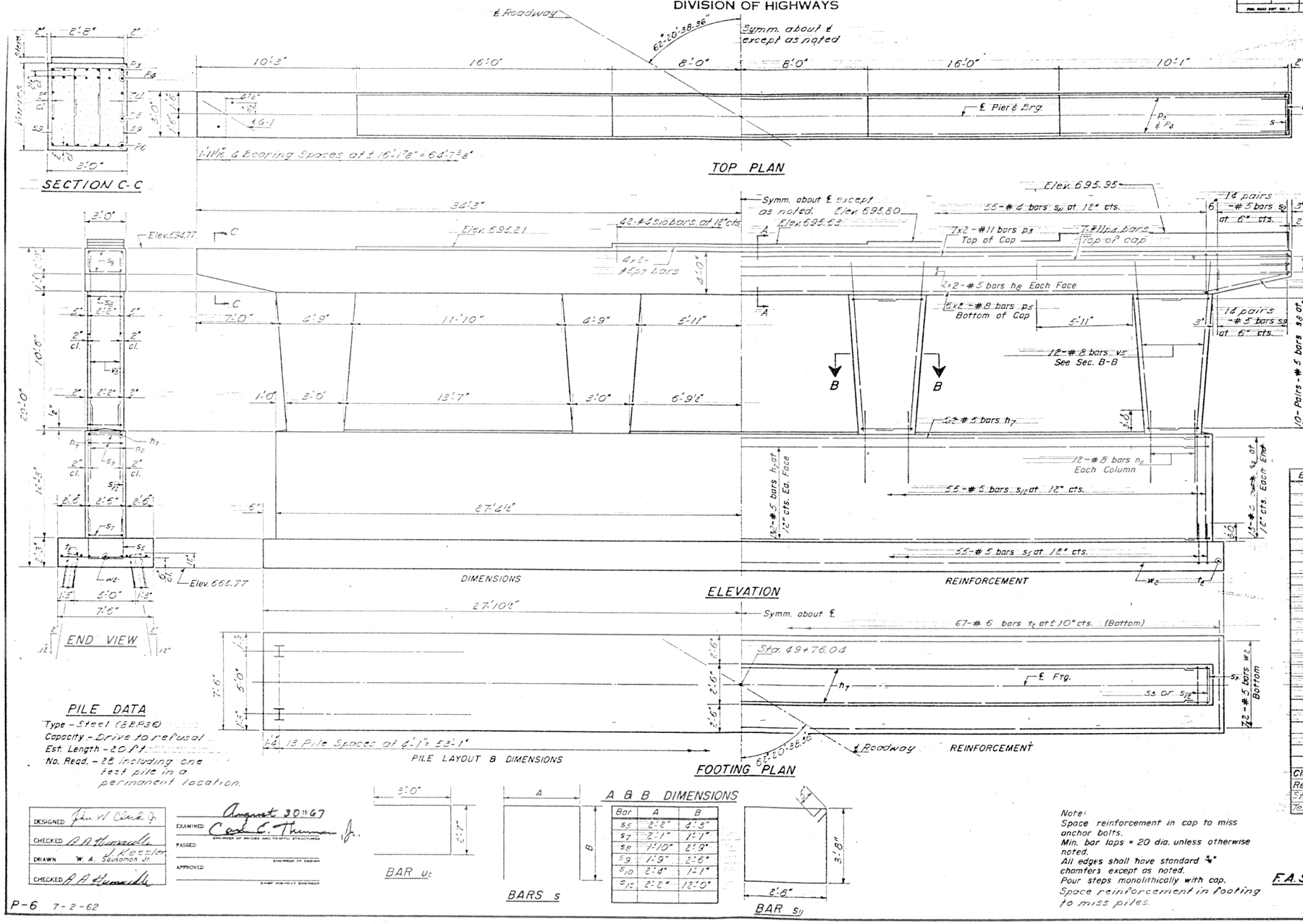
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6577	19-00115-00-BR	PEORIA	99	70
		CONTRACT NO. 89815		
		ILLINOIS	FED. AID PROJECT	

STATE OF ILLINOIS
DEPARTMENT OF PUBLIC WORKS & BUILDINGS
DIVISION OF HIGHWAYS

3072

STATE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.S. 1392	115-2VB	PEORIA	531	26
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT		

SHEET NO. 11
12 SHEETS



BILL OF MATERIAL

Bar	No.	Size	Length	Shape
h_7	66	#5	27'-9"	—
h_8	8	#5	34'-9"	—
n_2	48	#8	7'-0"	—
p_3	14	#11	35'-6"	—
p_4	14	#11	17'-6"	—
p_5	12	#8	28'-0"	—
p_6	12	#5	7'-9"	—
p_7	8	#5	22'-9"	—
s_5	55	#5	10'-6"	⊓
s_7	30	#5	4'-8"	⊓
s_8	80	#5	7'-4"	⊓
s_9	112	#5	6'-9"	⊓
s_{10}	42	#4	4'-6"	⊓
s_{11}	55	#4	13'-6"	⊓
s_{12}	55	#5	26'-2"	⊓
t_2	67	#6	7'-9"	—
u_2	6	#6	8'-7"	⊏⊐
v_3	48	#8	12'-6"	—
w_2	14	#5	28'-4"	—
Class X Concrete			Cu.Yds.	164.3
Reinforcement Bars			Lbs.	15,310
Steel Piles (BBP36)			Lin.Ft.	540
Test Piles Steel (BBP36)			Ea.	1

A & B DIMENSIONS

Bar	A	B
s_5	2'-2"	4'-8"
s_7	2'-1"	1'-1"
s_8	1'-10"	2'-9"
s_9	1'-9"	2'-6"
s_{10}	2'-4"	1'-1"
s_{12}	2'-2"	12'-0"

Note:
Space reinforcement in cap to miss anchor bolts.
Min. bar laps = 20 dia. unless otherwise noted.
All edges shall have standard ¾" chamfers except as noted.
Pour steps monolithically with cap.
Space reinforcement in footing to miss piles.

DESIGNED	John W. Clark Jr.	
CHECKED	A.A. Hamuda	
DRAWN	W. A. Sousoman Jr. / K. Kessler	
CHECKED	A.A. Hamuda	
EXAMINED	August 30, 1967 — Carl C. Thurman Jr. — ENGINEER OF BRIDGES AND TRAFFIC STRUCTURES	
PASSED		ENGINEER OF DESIGN
APPROVED		CHIEF HIGHWAY ENGINEER

P-6 7-2-62

PIER 2
F.A.S. RT. 1392 SEC. 115-2V.B
PEORIA COUNTY
STATION 49+16.88

FOR INFORMATION ONLY

MODEL: Existing Structure Sheet 4 [Sheet]
FILE NAME: L:\Peoria\CO\21001201-01_MaxwellRdBridge\1201STructuresSheets\21001201-01_MaxwellRdBridge_Existing Record Drawings.dgn

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USER NAME = zslechta	DESIGNED - TRH	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EXISTING PIER 2 STRUCTURE NO. 072-3072
	DRAWN - TRH	REVISED -		
PLOT SCALE = 0.16666633 ' / in.	CHECKED - CJW	REVISED -		SHEET 29 OF 31 SHEETS
PLOT DATE = 8/18/2023	DATE - 08/18/2023	REVISED -		

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6577	19-00115-00-BR	PEORIA	99	71
		CONTRACT NO. 89815		
	ILLINOIS	FED. AID PROJECT		

STATE OF ILLINOIS
DEPARTMENT OF PUBLIC WORKS & BUILDINGS
DIVISION OF HIGHWAYS

3072

STATE SEC. NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.S. 1392	115-2VB	PEORIA	51	24
FED. ROAD DIST. NO. 9	ILLINOIS	FED. AID PROJECT		

SHEET NO. 9 OF 12 SHEETS

Hatched area to be poured after the superstructure forms have been removed.

WING WALL ELEVATION

SEC. C-C

1"ø ANCHOR BOLT

1:3 Anchor bolts cast to be incidental to bridge structure

Construct Parallel to Grade

Construction Joint

Galvanized Locknut and Washer

Galvanized Threads

Fdn'y. Face

Cast Wall

ELEVATION

℄ Roadway
℄ Bk. Abut.

73-#4 x 12'-6" bars at 12" cts. (E.F.)
73-#4 x 14'-6" bars at 12" cts. (B.F.)

3x3-#6 h6 ℄ F.F. & B.F.

5x3-#5 h Ea. Face

Elev. 692.75
Elev. 693.26
Elev. 693.75
Elev. 694.00
Elev. 694.22

3x2-#6 p2 bars See Sec. Thru Abut.

5x2-#7 p bars See Sec. Thru Abut.

1-#4 s3 bar

1-#4 s4 bar

F-#4 s2 bar

7"#4 s1 (Typ. between piles)

Elev. 688.00

BAR v4

BAR n

WING WALL ELEVATION

14-#4 bars at 12" cts. (Ea. Face)

10-#4 bars at 112 cts. (Ea. Face)

14-#5 v1 at 12" cts.

1-#4 h5 (Ea. Face)

2-#5 p1 (Ea. Face)

11'-4" s3 at 12" cts.
11'-4" s4 at 12" cts.

SEC. B-B

W.P.

h3 h4 or h5

SEC. A-A

SEC. THRU ABUT

Slope 1/4" between brgs.

2" chamfer (Typ.)

Optional Const. Jt.

Const. Joint

Varies from 6'-5" to 10'-4"

Varies from 6'-5" to 8'-1"

Batter 2" per ft.

SEC. D-D

1'-6" ø

1½" cl.

6BP36 All Piles

#4 gage welded wire fabric 6"x6" mesh weighing 58" per 100 sq ft. Cost of Class X Conc. encasement & reinforcement shall be included in cost of furnishing the piles. Forms for encasement may be omitted when soil conditions will permit.

TOP VIEW

℄ Rdwy.

Sta. 50+74.00

℄ Back of Abut.

4 Bearing Spaces at 7'-1½" = 64'-7⅝"
3 Steps at 16'-0" = 48'-0"

PILE DATA
Type: Steel (6BP36)
Capacity: Drive to Refusal
Est. Length: 40'
No. Req'd: 16

6x3-#5 N Bottom

℄ Vertical Piles

℄ Battered Piles

76-#5 t at 12" cts. Bottom
Space to miss piles

12 Alternate Pile Spaces at 6'-0" = 72'-0"

PLAN - PILE CAP

BAR s

BAR u1

BAR u

BAR h2

BAR h1

SOUTH ABUTMENT
BILL OF MATERIAL

Bar	No	Size	Length	Shape
h	30	#5	24'-4"	
h3	10	#5	4'-0"	
h2	10	#5	4'-0"	
h5	4	#4	5'-3"	
h4	4	#4	8'-9"	
h6	36	#4	13'-3"	
h6	9	#6	24'-9"	
n1	28	#5	9'-9"	
p	10	#7	37'-3"	
p1	8	#7	13'-3"	
p2	6	#6	30'-0"	
s1	88	#4	8'-4"	
s2	28	#6	7'-8"	
s3	28	#4	4'-10"	
s4	88	#4	11'-10"	
t	76	#5	5'-9"	
t1	25	#5	3'-3"	
u	2	#6	11'-7"	
u1	3	#6	10'-2"	
v1	20	#4	8'-8"	
v2	162	#4	8'-0"	
v3	20	#4	7'-4"	
w4	73	#4	3'-5"	
w	18	#5	25'-4"	
w1	8	#5	14'-0"	
Class X Concrete			Cu. Yds.	109.0
Reinforcement Bars			Lbs.	6950
Steel Piles (6BP36)			Lin. Ft.	640

DESIGNED	John W. Clark Jr.
CHECKED	A.P. Hunnewell
DRAWN	J.M. HENINGER
CHECKED	A.P. Hunnewell

EXAMINED August 30 1967
Carl E. Thurman Jr.
ENGINEER OF BRIDGE AND TRAFFIC STRUCTURES

PASSED _____ ENGINEER OF DESIGN

APPROVED _____ CHIEF HIGHWAY ENGINEER

SOUTH ABUTMENT
F.A.S. RT. 1392 SEC. 115-2VB
PEORIA COUNTY
STA. 49+16.88

FOR INFORMATION ONLY

MODEL: Existing Structure Sheet 5 [Sheet]
FILE NAME: L:\Peoria\C01001201-01_MaxwellRdBridge\120101\StructureSheets\21001201-01_MaxwellRdBridge_ExistBrg Record Drawings.dgn

CMT
License No. 184-000613

USER NAME = zslechta	DESIGNED - TRH	REVISED -	
	DRAWN - TRH	REVISED -	
PLOT SCALE = 0.16666633 ' / in.	CHECKED - CJW	REVISED -	
PLOT DATE = 8/18/2023	DATE - 08/18/2023	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING SOUTH ABUTMENT
STRUCTURE NO. 072-3072
SHEET 30 OF 31 SHEETS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6577	19-00115-00-BR	PEORIA	99	72
		CONTRACT NO. 89815		
	ILLINOIS	FED. AID PROJECT		

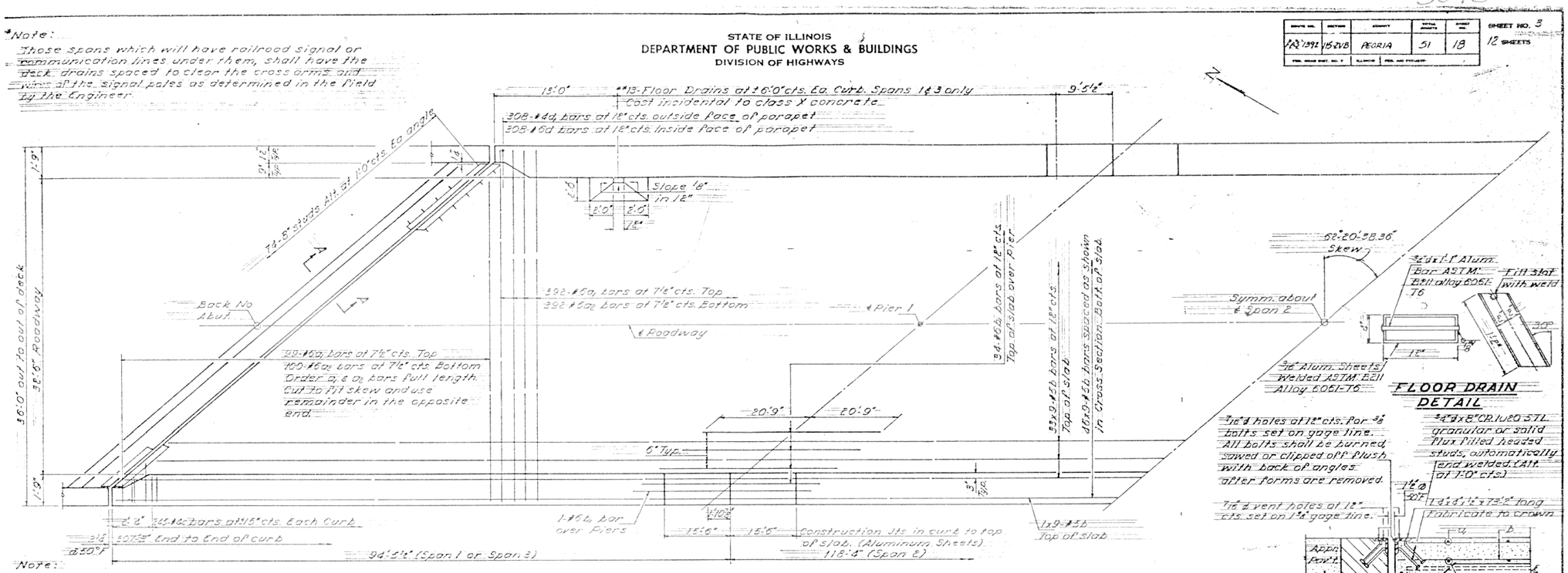
3072

STATE OF ILLINOIS
DEPARTMENT OF PUBLIC WORKS & BUILDINGS
DIVISION OF HIGHWAYS

SECTION NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAS 1392	115-2VB	PEORIA	51	18

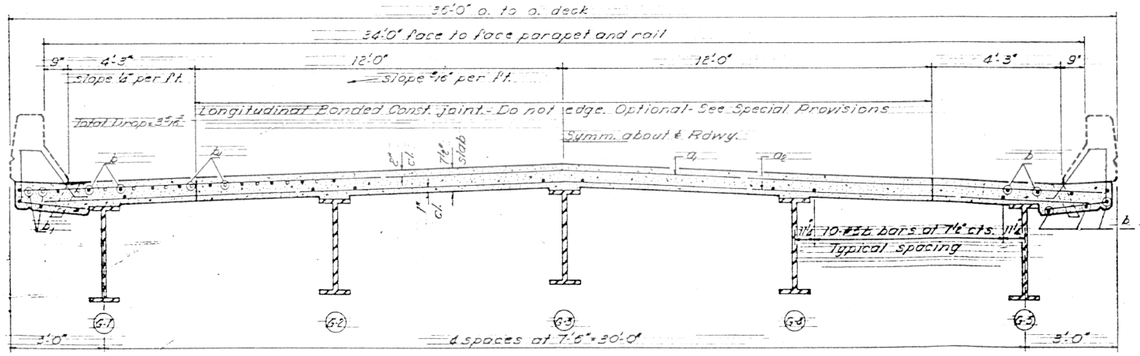
SHEET NO. 5
12 SHEETS

*Note:
Those spans which will have railroad signal or communication lines under them, shall have the deck drains spaced to clear the cross arms and wires of the signal poles as determined in the field by the Engineer.



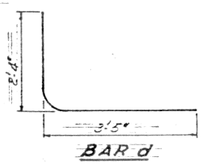
Note:
Bars indicated thus 20x3-#5 etc. indicates 20 lines of bars with 3 lengths per line. Min. bar laps = 20 dia.

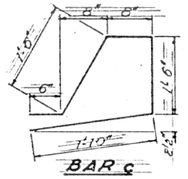
HALF PLAN



CROSS SECTION
Looking South

DESIGNED	John W. Clark Jr.	
CHECKED	A. A. Kumaudle	
DRAWN	J. Hessler	
CHECKED	A. A. Kumaudle	
EXAMINED	August 30 1967 Carl E. Thuman, Jr.	
PASSED		
APPROVED		





CURB SECTION

BILL OF MATERIAL

Bar	No.	Size	Length	Shape
a1	491	#6	35'-4"	
a2	492	#5	34'-4"	
b	729	#5	35'-3"	
b1	72	#6	41'-6"	
c	490	#4	6'-0"	
d	516	#6	5'-9"	
d1	616	#4	2'-6"	
Reinforcement Bars			Lbs.	91,030
* Structural Steel			Lbs.	352,500
Class X Concrete			Cu. Yds.	272.5

The lengths and quantities of longitudinal reinforcement and Class X Conc. in parapets are not included in the quantities shown on this sheet.

* Weight of bearing assemblies with lead plates & anchor bolts are included as structural steel. Est. Wt. = 8090 Lbs.

SUPERSTRUCTURE
F.A.S. RT. 1392 SEC. 115-2VB
PEORIA COUNTY
STATION 49+16.88

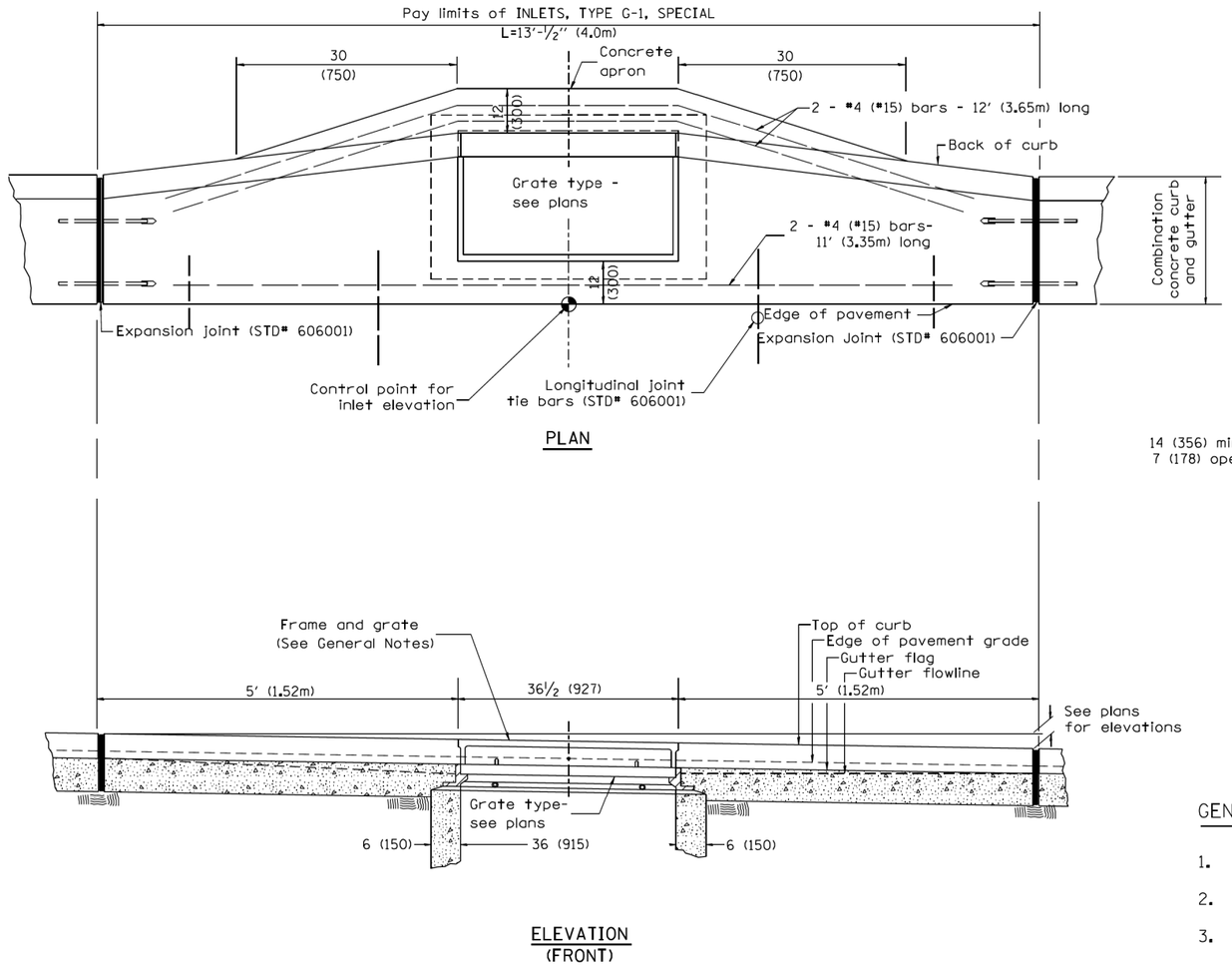
FOR INFORMATION ONLY

MODEL: Existing Structure Sheet 6 [Sheet]
FILE NAME: L:\Peoria\CO\21001201-01_MaxwellRdBridge\21001201\Structures\Sheets\21001201-01_MaxwellRdBridge_Existing Record Drawings.dgn

CMT
License No. 184-000613

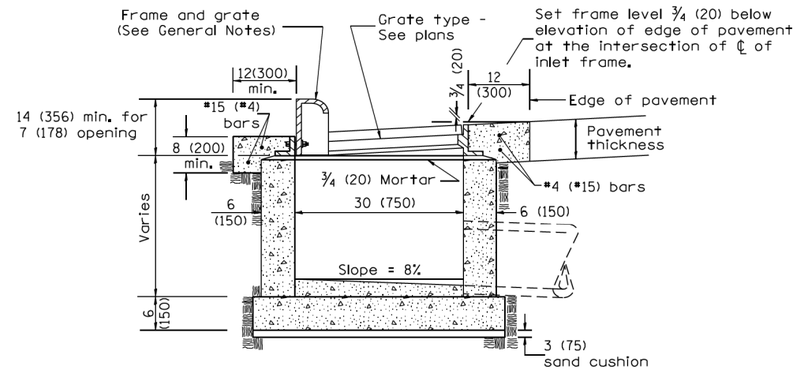
USER NAME = zslechta	DESIGNED - TRH	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EXISTING SUPERSTRUCTURE STRUCTURE NO. 072-3072
	DRAWN - TRH	REVISED -		
PLOT SCALE = 0.16666633 ' / in.	CHECKED - CJW	REVISED -		SHEET 31 OF 31 SHEETS
PLOT DATE = 8/18/2023	DATE - 08/18/2023	REVISED -		

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6577	19-00115-00-BR	PEORIA	99	73
		CONTRACT NO. 89815		
	ILLINOIS	FED. AID PROJECT		



PLAN

ELEVATION
(FRONT)



ELEVATION
(SIDE)

GENERAL NOTES

1. Inlet construction shall be in accordance with Section 602 of the Standard Specifications.
2. Combination Concrete Curb and Gutter shall be constructed in accordance with Section 606 of the Standard Specifications.
3. See District CADD Standard 604001-D4 for frame and grates.

DESIGNER NOTES:
1. Include State Standard 606001 for combination concrete curb and gutter details.
2. Include State Standard 420001 for pavement joints.
3. Include District CADD Standard for frame and grates.
4. Include District Special Provision. Pay item includes transitional c.c.c &g., inlet and frame and grate. All work within pay limits.
5. Specify grate type in plans

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

01-01-97	RENUM. B-4.02, NEW REVISION BOX					STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	INLETS, TYPE G-1, SPECIAL	
12-01-98	CORRECT E.O.P. NOTE	J.A.					NOT TO SCALE	CADD STD. 602006-D4
10-99	REVISION TO GENERAL NOTES	J.A.						
10-16-06	REVISED TO 2007 SPEC.	M.A.						

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		CONTRACT NO.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

MODEL: Untitled [Sheet]
FILE NAME: L:\Peoria\CO\21001201-01_MaxwellRdBridge\120101\Roadway\Sheets\MaxwellIL_D4SPECS.dgn

CMT
License No. 184-000613

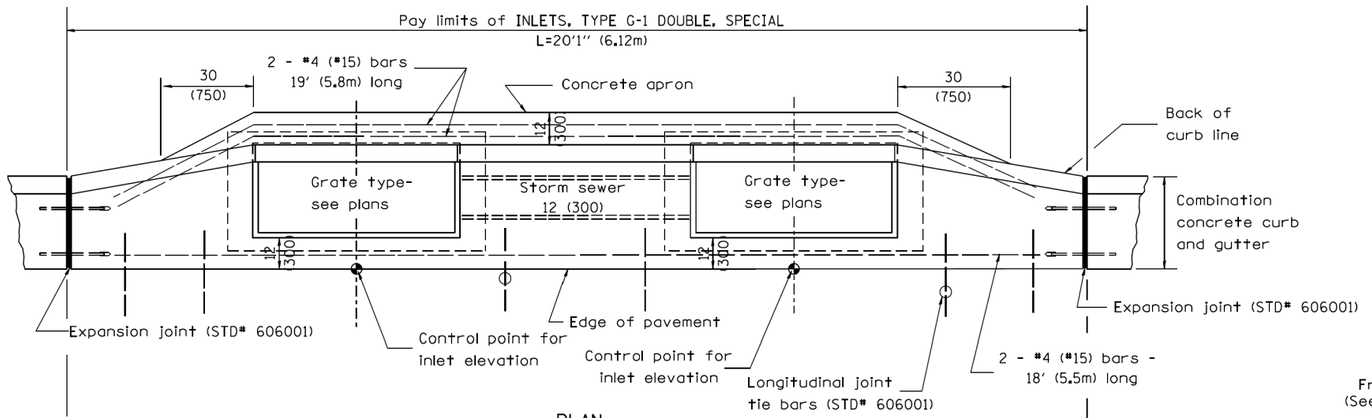
USER NAME = zslechta	DESIGNED - ZMS	REVISED -	
	DRAWN - ZMS	REVISED -	
PLOT SCALE = 0.16666633 ' / in.	CHECKED - CJW	REVISED -	
PLOT DATE = 8/18/2023	DATE - AUG 2023	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

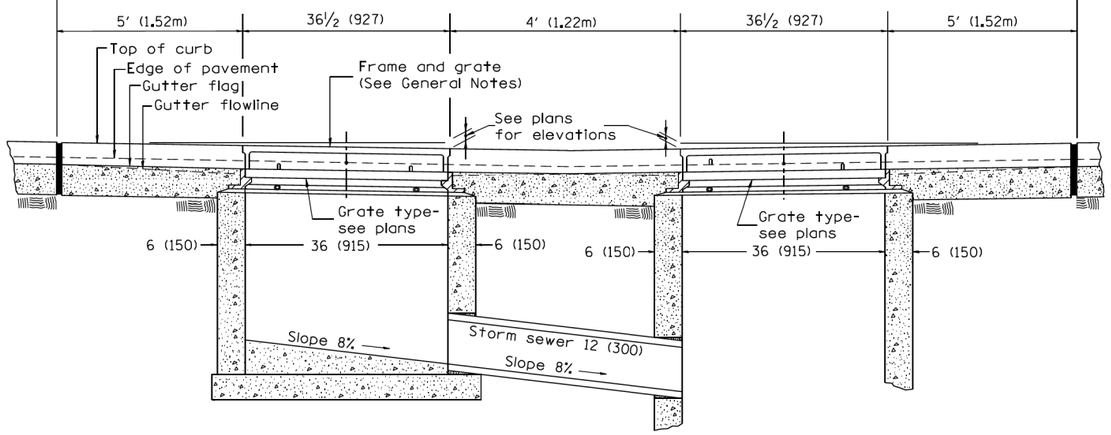
MISCELLANEOUS DETAILS
MAXWELL ROAD BRIDGE REHABILITATION

SCALE: | SHEET 1 OF 9 SHEETS | STA. | TO STA.

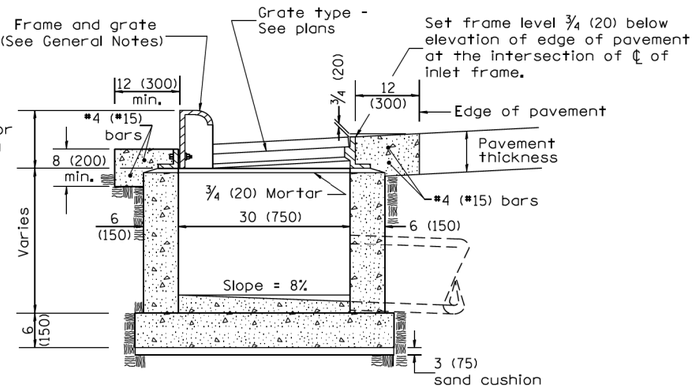
F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6577	19-00115-00-BR	PEORIA	99	74
		CONTRACT NO.89815		
	ILLINOIS	FED. AID PROJECT		



PLAN



FRONT ELEVATION



ELEVATION
(SIDE)

GENERAL NOTES

1. Inlet construction shall be in accordance with Section 602 of the Standard Specifications.
2. Combination Concrete Curb & Gutter shall be constructed in accordance with Section 606 of the Standard Specifications.
3. See District CADD Standard 604001-D4 for frame and grates.

DESIGNER NOTES:
1. Include State Standard 606001 for combination concrete curb and gutter details.
2. Include State Standard 420001 for pavement joints.
3. Include District CADD Standard for frame and grates.
4. Include District Special Provision. Pay Item includes transitional c.c.c &g., inlet and frame and grate. All work within pay limits.
5. Specify grate type in plans.

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

01-01-97	RENUM. B-4.04, NEW REVISION BOX	T.P.				
04-01-97	CORRECT DIMENSIONS	J.A.				
10-99	REVISION TO GENERAL NOTES	J.A.				
10-16-06	REVISED TO 2007 SPEC.	M.A.				

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

INLETS, TYPE G-1 DOUBLE, SPECIAL

NOT TO SCALE — CADD STD. 602016-D4

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		CONTRACT NO.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

MODEL: Untitled-1 [Sheet]
FILE NAME: L:\Peoria\C021003201-01-Maxwell\Bridge\120101\Roadway\Sheets\MaxwellB_DASPECS.dgn

CMT
License No. 184-000613

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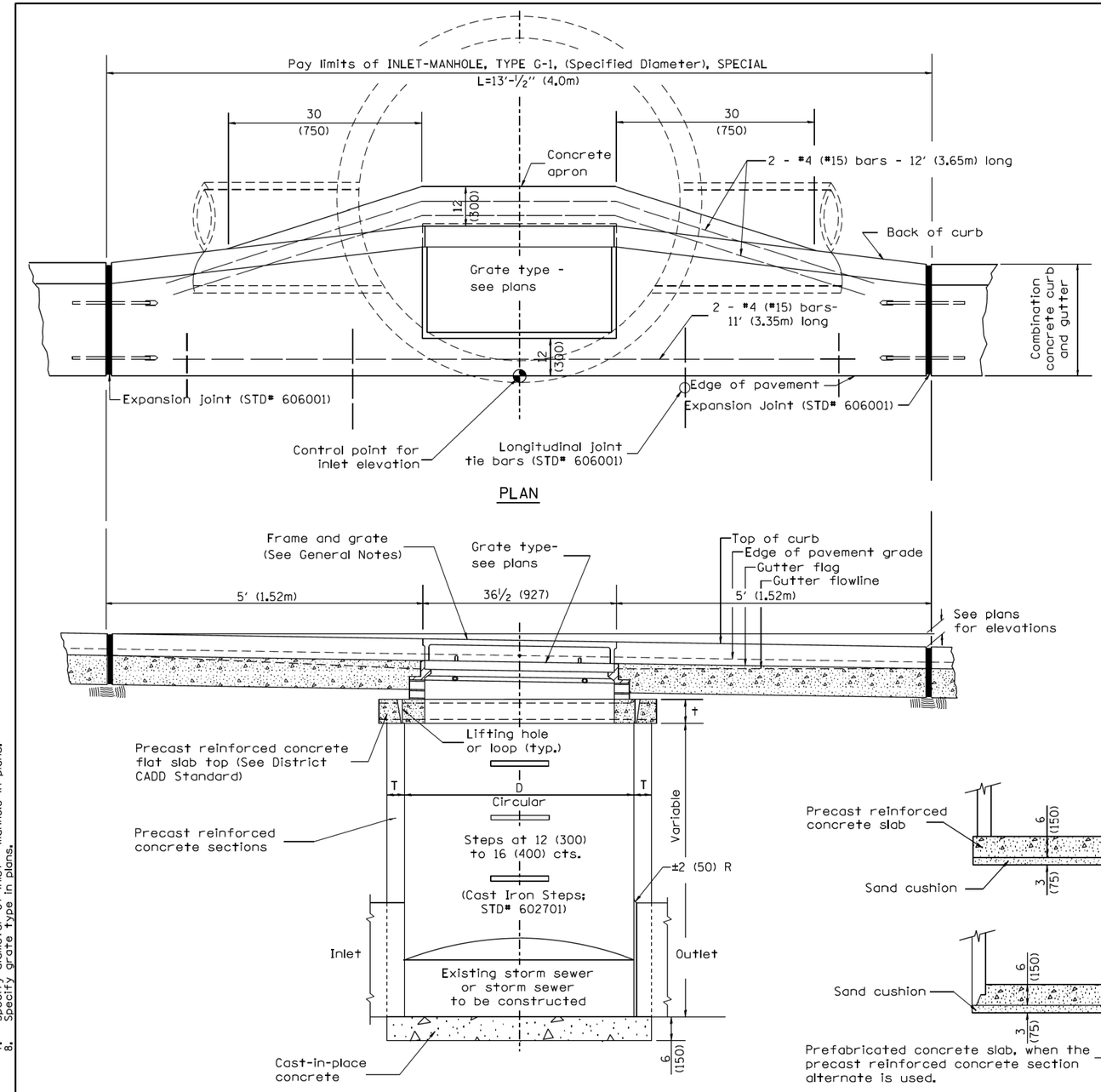
	DRAWN - ZMS	REVISED -			
PLOT SCALE = 0.16666633 ' / in.	CHECKED - CJW	REVISED -			
PLOT DATE = 8/18/2023	DATE - AUG 2023	REVISED -			

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MISCELLANEOUS DETAILS
MAXWELL ROAD BRIDGE REHABILITATION

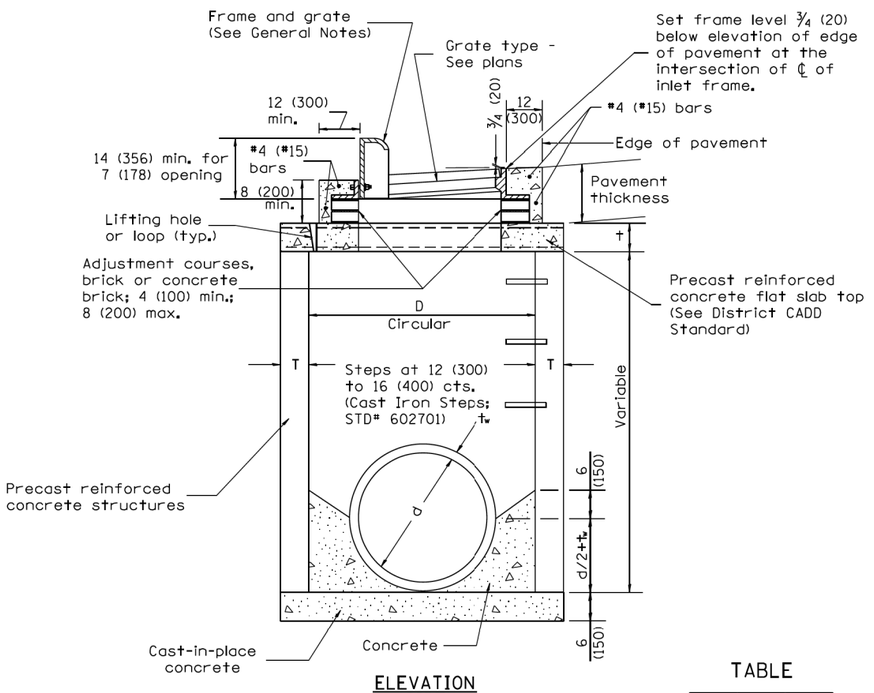
SCALE: | SHEET 2 OF 9 SHEETS | STA. | TO STA.

F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6577	19-00115-00-BR	PEORIA	99	75
		CONTRACT NO.89815		
	ILLINOIS	FED. AID PROJECT		



PLAN

ELEVATION
(FRONT)



ELEVATION
(SIDE)

TABLE

D	T	t
4' (1.2m)	5 (125)	6 (150)
5' (1.5m)	6 (150)	8 (200)
6' (1.8m)	7¾ (195)	8 (200)
8' (2.4m)	9 (225)	10 (250)

ALTERNATE BOTTOM SLAB

GENERAL NOTES

1. Inlet-manhole construction shall be in accordance with Section 602 of the Standard Specifications.
2. Combination concrete curb and gutter shall be constructed in accordance with Section 606 of the Standard Specifications.
3. See District CADD Standard 604001-D4 for frame and grates.
4. See District CADD Standard for precast reinforced concrete flat slab top.

DESIGNER NOTES:
1. Include State STD# 606001 for combination concrete curb and gutter details.
2. Include State STD# 420001 for pavement joints.
3. Include State STD# 602701 for cast iron steps.
4. Include District CADD Standard for frame and grates.
5. Include District CADD Standard for precast reinforced concrete flat slab top.
6. Include District Special Provision. Pay Item includes inlet - manhole, flat slab top, transitional c.c.&g. and frame and grate. All work within pay limits.
7. Specify diameter of inlet - manhole in plans.
8. Specify grate type in plans.

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

01-01-97	RENUM. B-4.06, NEW REVISION BOX	T.P.							
12-01-98	CORRECT E.O.P. NOTE	J.A.							
10-99	REVISION TO GENERAL NOTES	J.A.							
10-16-06	REVISED TO 2007 SPEC.	M.A.							

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

INLET–MANHOLE, TYPE G-1, SPECIAL

NOT TO SCALE — CADD STD. 602026-D4

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		CONTRACT NO.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

MODEL: Untitled-2 [Sheet]
FILE NAME: L:\Peoria\CO\21001201-01_Maxwell\BridRehab\21001201RoadwaySheets\Maxwell_D4SPECS.dgn

CMT
License No. 184-000613

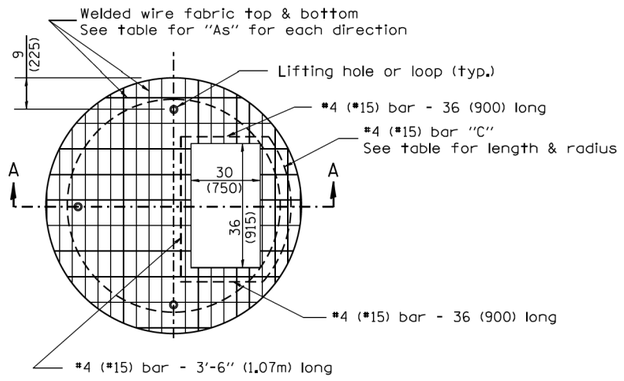
USER NAME = zslechta		DESIGNED - ZMS		REVISED -	
		DRAWN - ZMS		REVISED -	
PLOT SCALE = 0.16666633 ' / in.		CHECKED - CJW		REVISED -	
PLOT DATE = 8/18/2023		DATE - AUG 2023		REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

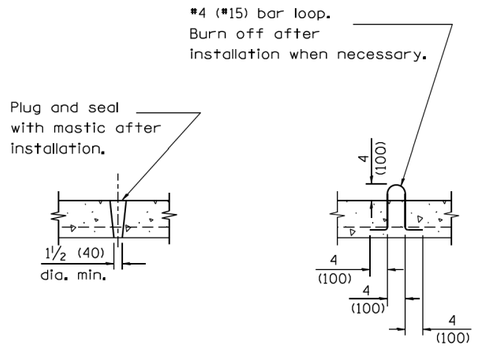
MISCELLANEOUS DETAILS
MAXWELL ROAD BRIDGE REHABILITATION

SCALE: | SHEET 3 OF 9 SHEETS | STA. | TO STA.

F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6577	19-00115-00-BR	PEORIA	99	76
		CONTRACT NO. 89815		
	ILLINOIS	FED. AID PROJECT		

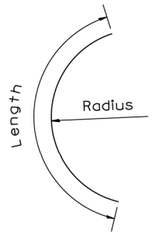


PLAN



LIFTING HOLE OR LIFTING LOOP
TYPICAL

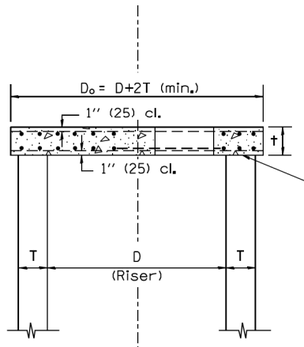
(3 required per slab)



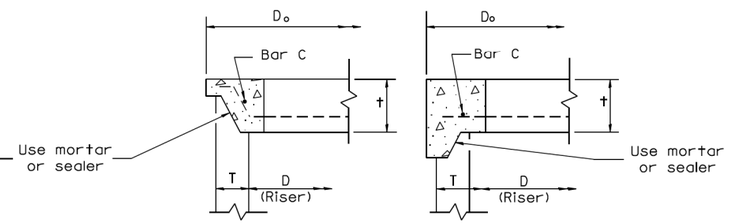
BAR "C"

TABLE

D	T	D_o (min.)	t	Reinforcement "As" W.W.F. each direction	Bar size	No. 15 (No. 4) Bar C Length	No. 15 (No. 4) Bar C Radius
4' (1.2m)	5 (125)	4'-10" (1.5m)	6 (150)	0.70 sq. inch/lin. ft. (1480mm²/m)	No. 15 (No. 5)	1.35m (4'-6")	660 (26)
5' (1.5m)	6 (150)	6'-0" (1.8m)	8 (200)	0.70 sq. inch/lin. ft. (1480mm²/m)	No. 15 (No. 5)	1.5m (5'-0")	810 (32)
6' (1.8m)	7¾ (195)	7'-3½" (2.2m)	8 (200)	0.88 sq. inch/lin. ft. (1860mm²/m)	No. 20 (No. 6)	1.8m (6'-0")	965 (38)
8' (2.4m)	9 (225)	9'-6" (2.9m)	10 (250)	0.88 sq. inch/lin. ft. (1860mm²/m)	No. 20 (No. 6)	2.3m (7'-6")	1.27m (4'-2")



SECTION A-A



ALTERNATE JOINT CONFIGURATIONS

GENERAL NOTES

1. The precast reinforced concrete flat slab top shall be used with INLET-MANHOLE, TYPE G-1 and INLET-MANHOLE, TYPE G-1, SPECIAL.
2. Joint configuration and dimensions of flat slab top shall match and fit the riser joint detail.
3. Lifting devices shall be approved by the Engineer.

DESIGNER NOTES:

1. Include this standard with Type G-1 and Type G-1, Special Inlet-Manholes.
2. The flat slab top is included in the cost of INLET-MANHOLES as per District Special Provision.

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

01-01-97	RENUM. B-4.07, NEW REVISION BOX	T.P.			
10-16-06	REVISED TO 2007 SPEC.	M.A.			

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PRECAST REINFORCED CONCRETE FLAT SLAB TOP FOR INLET-MANHOLE, TYPE G-1 AND TYPE G-1, SPECIAL

NOT TO SCALE — CADD STD. 602101-D4

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		CONTRACT NO.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

CMT
License No. 184-000613

USER NAME = zslechta		DESIGNED - ZMS		REVISED -	
		DRAWN - ZMS		REVISED -	
PLOT SCALE = 0.16666633 '/ in.		CHECKED - CJW		REVISED -	
PLOT DATE = 8/18/2023		DATE - AUG 2023		REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

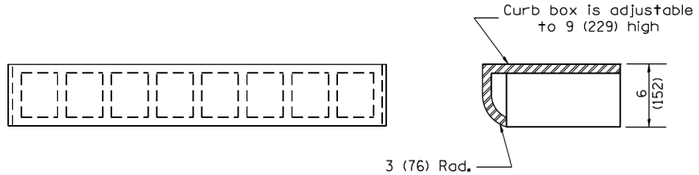
MISCELLANEOUS DETAILS
MAXWELL ROAD BRIDGE REHABILITATION

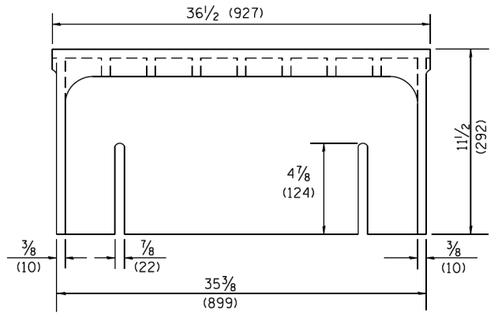
SCALE: — SHEET 4 OF 9 SHEETS — STA. — TO STA.

F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6577	19-00115-00-BR	PEORIA	99	77
		CONTRACT NO.89815		
	ILLINOIS	FED. AID PROJECT		

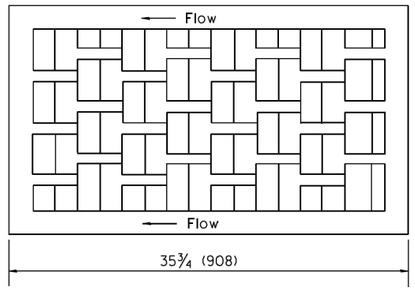
MODEL: Unified+3 [Sheet]
FILE NAME: L:\Peoria\CO\2100\2101-01_Maxwell\RdBrEdge\120101\Roadway\Sheets\MaxwellD4SPECS.dgn

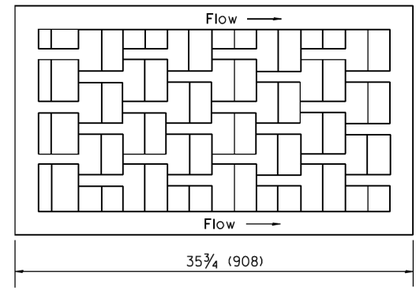
1. Include this standard with all Type G-1 and Type G-1, Special Drainage Structures.
2. Specify grate types and flow directions in plans.
3. These castings are included in the cost of the drainage structures as follows: Inlet Frame: R-3246-A , Curb Box: R-3290
   Reversible Diagonal Grate: R-3246-A
   Vane Grates: R-3246-AL(flow left)
   R-3246-AL(flow right)
4. This drawing based upon "NEENAH" designs as follows:

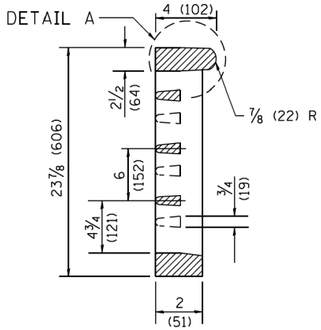


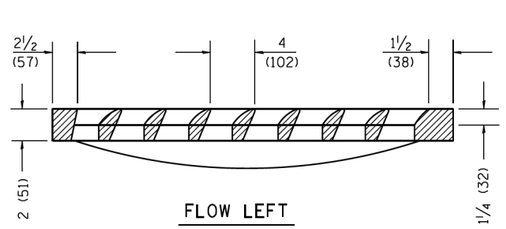


CAST CURB BOX
110 lbs. (50 kg)

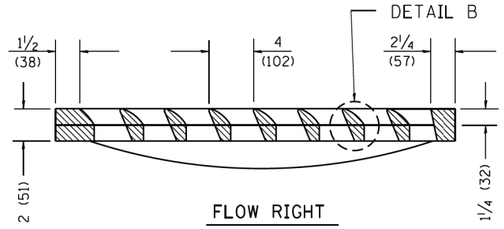






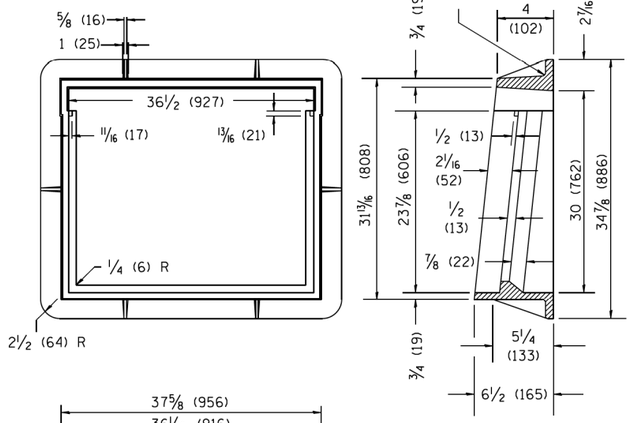


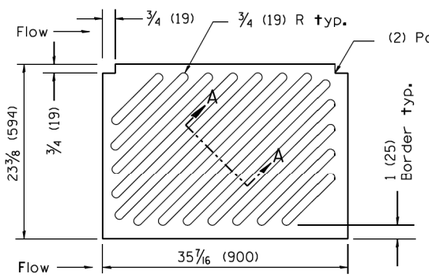
FLOW LEFT



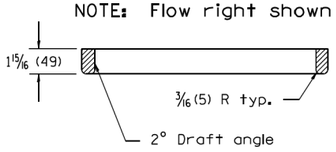
FLOW RIGHT

CAST VANE GRATES
(SPECIFY LEFT OR RIGHT FLOW)
230 lbs. (104 KG)

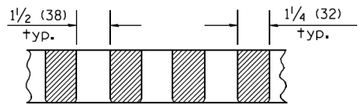




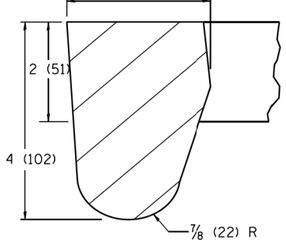
NOTE: Flow right shown



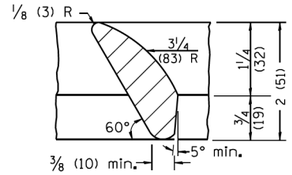
CAST DIAGONAL GRATE
(Reversible for flow)
217 lbs. (98 kg)



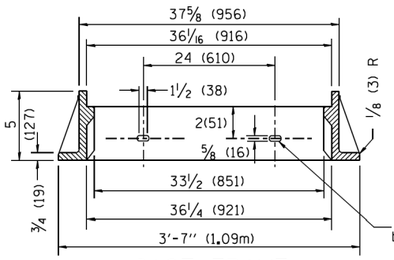
SECTION A-A



DETAIL A



DETAIL B



CAST FRAME
271 lbs. (123 kg)

GENERAL NOTES

1. The frame and grate shown on this drawing are for use with all TYPE G-1 and TYPE G-1, SPECIAL DRAINAGE STRUCTURES. See plans for grate type and flow direction.
2. Flow direction: As viewed from street side.
3. Material: cast gray iron.

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

01-01-97	RENUM. B-10.01, NEW REVISION BOX	T.P.					
10-16-06	REVISED TO 2007 SPEC.	M.A.					

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FRAME & GRATES FOR TYPE G-1 AND TYPE G-1, SPECIAL DRAINAGE STRUCTURES

NOT TO SCALE — CADD STD. 604001-04

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		CONTRACT NO.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

MODEL: Untitled4 [Sheet]
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	DRAWN - ZMS	REVISED -
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PLOT DATE = 8/18/2023	DATE - AUG 2023	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MISCELLANEOUS DETAILS
MAXWELL ROAD BRIDGE REHABILITATION

SCALE: — SHEET 5 OF 9 SHEETS — STA. — TO STA.

F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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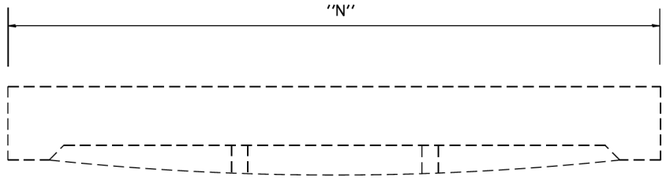
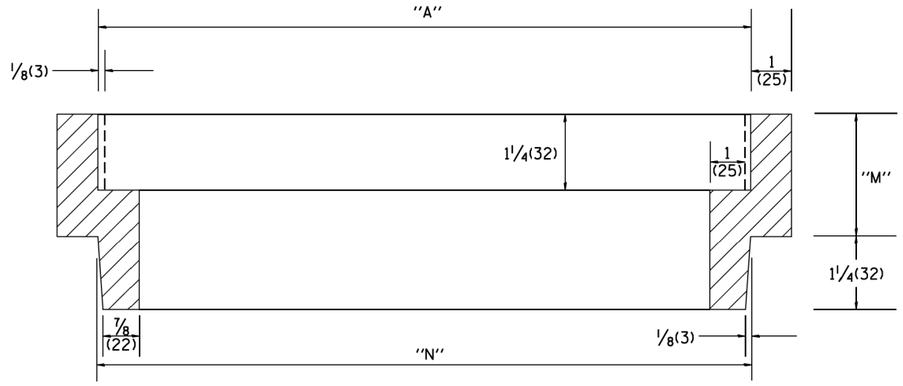
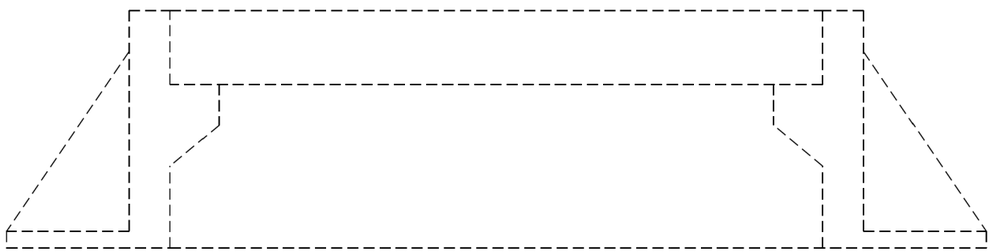
		CONTRACT NO.89815		
	ILLINOIS	FED. AID PROJECT		







Station	Dimension inches (millimeters) "A"	"N"	"M"	Quantity
Total				

General Notes:

1. Article 603.08 shall apply

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

01-01-97	RENUM. B-6.01, NEW REVISION BOX	T.P.			
10-16-06	REVISED TO 2007 SPEC.	M.A.			

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FRAME & GRATE ADJUSTING RING

NOT TO SCALE — CADD STD. 604201-D4

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		CONTRACT NO.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

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License No. 184-000613

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PLOT SCALE = 0.16666633 ' / in.		CHECKED - CJW		REVISED -	
PLOT DATE = 8/18/2023		DATE - AUG 2023		REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MISCELLANEOUS DETAILS
MAXWELL ROAD BRIDGE REHABILITATION

SCALE: | SHEET 6 OF 9 SHEETS | STA. | TO STA.

F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6577	19-00115-00-BR	PEORIA	99	79
		CONTRACT NO.89815		
	ILLINOIS	FED. AID PROJECT		

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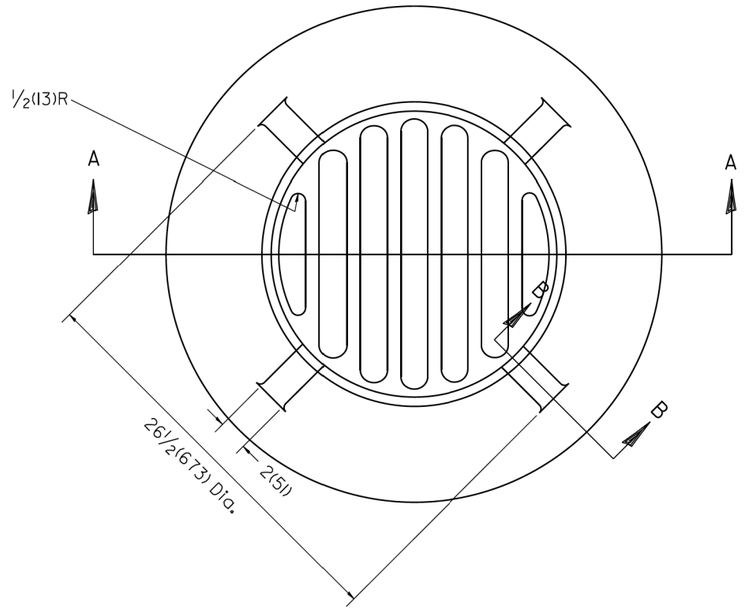
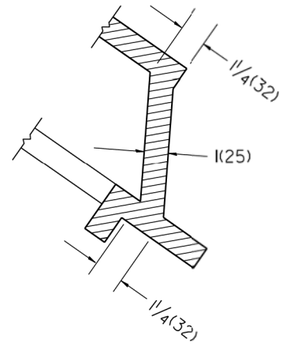
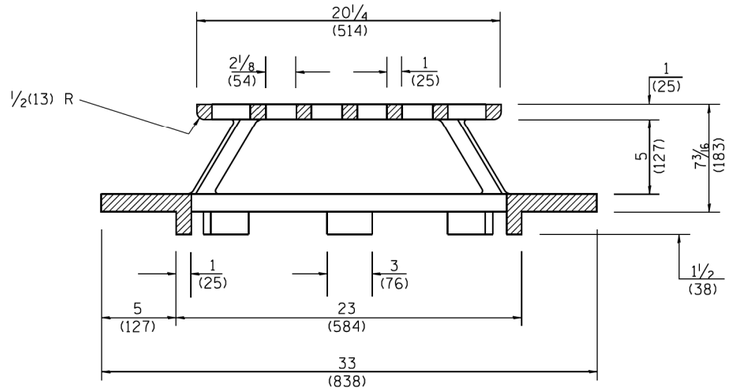


PLAN



SECTION B - B



SECTION A - A

GENERAL NOTES

1. MATERIAL - Cast Gray Iron
   Weight 209 lbs (95 kg)

NOTE: PAID FOR BY PAY ITEM X6022230

DESIGNER NOTE:
1. INCLUDE DISTRICT SPECIAL PROVISION.

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

01-01-97	RENUM. B-10.02, NEW REVISION BOX	T.P.				STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPE 37 GRATE	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
10-16-06	REVISED TO 2007 SPEC.	M.A.										
										CONTRACT NO.		
							NOT TO SCALE CADD STD. 604301-D4	FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

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	DRAWN - ZMS	REVISED -			6577	19-00115-00-BR	PEORIA	99	80
PLOT SCALE = 0.16666633 ' / in.	CHECKED - CJW	REVISED -					CONTRACT NO.89815		
PLOT DATE = 8/18/2023	DATE - AUG 2023	REVISED -		SCALE: SHEET 7 OF 9 SHEETS STA. TO STA.			ILLINOIS FED. AID PROJECT		

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SIGN NUMBER	STATION	A	B	C*	D**

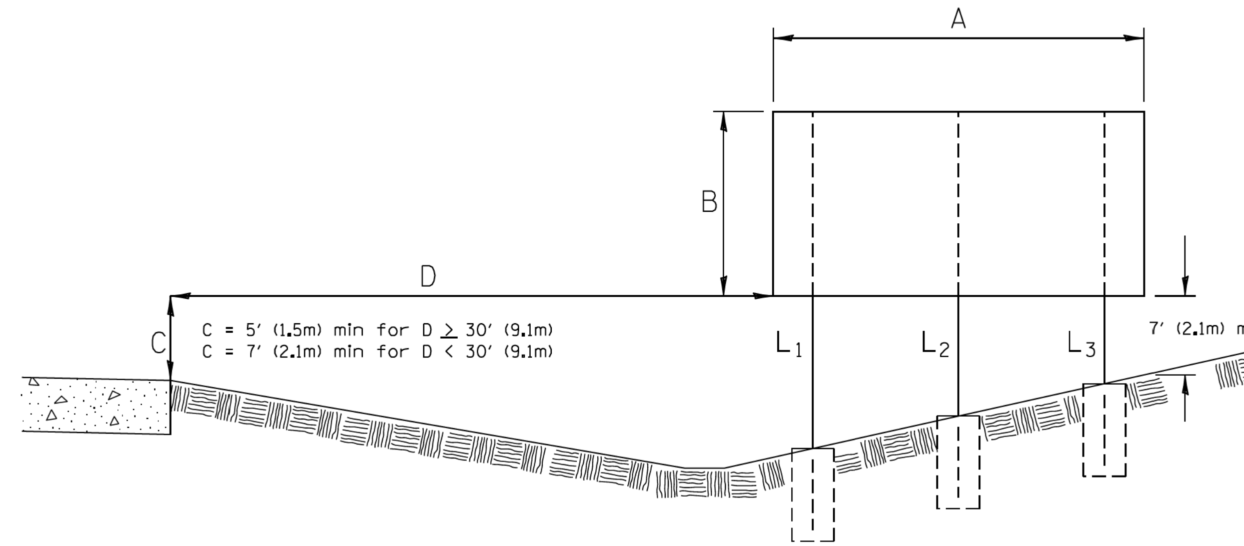
C * (A) For signs less than 30'(9.1m) from edge of pavement, the bottom edge of Sign shall be set level at an elevation of at least 7'(2.1m) above grade Elevation at edge of pavement.

(B) For signs 30'(9.1m) and greater from edge of pavement, the bottom edge of sign shall be set level at an elevation of at least 5'(1.5m) above grade elevation at edge of pavement.

(C) For signs on rising embankmentslopes, the bottom edge of the sign shall be set so as to obtain at least 7'(2.1 m) between the top of the stub post and the slot at the fuse plate on the far post. This may be reduced to 5'(1.5m) when the distance from the edge of pavement is 30'(9.1m) or greater and the slope is 1:2 or steeper or where it would be unlikely for an out of control vehicle to reach the post.

D ** All signs will be placed 35'(10.7m) or more off of main line wherever possible, except when placed behind guardrail. Signs on ramps will be placed 18'(5.5m) or more off the edge of pavement.

In general, the location of shoulder mounted signs may vary in order to take advantage of flatter cross sections which can result in considerable cost savings.



L_1 is always the post nearest to the edge of pavement. (See Sign Structures Manual)

7' (2.1m) min. between top of stud post & fuse plate. May be reduced to 5' (1.5m) when D = 30' (9.1m) & the slope is 1:2 or steeper or where it would be unlikely for an out of control vehicle to reach the post.

All post sizes and support lengths shown on plans shall be verified in field prior to construction.

All post sizes will be verified by the I.D.O.T. Shoulder Mounted Sign Post Stress Analysis (See Special Provisions).

DESIGNER NOTES:
1. Include District Special Provision.
2. Check w/Bureau of Operations for current polices.
3. Designer fill in table.

All slope ratios are expressed as units of vertical displacement to units of horizonal displacement (V:H).

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

01-01-97	RENUM. E-3.01, METRICS, NEW REVISION BOX, REVISED	T.P.
	TITLE BOX, ADDED GENERAL NOTES	
10-16-06	REVISED TO 2007 SPEC.	M.A.

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SIGNING SCHEDULE

NOT TO SCALE

CADD STD. 720001-D4

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		CONTRACT NO.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

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	DRAWN - ZMS	REVISED -	
PLOT SCALE = 0.16666633 ' / in.	CHECKED - CJW	REVISED -	
PLOT DATE = 8/18/2023	DATE - AUG 2023	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MISCELLANEOUS DETAILS
MAXWELL ROAD BRIDGE REHABILITATION

SCALE: | SHEET 8 OF 9 SHEETS | STA. | TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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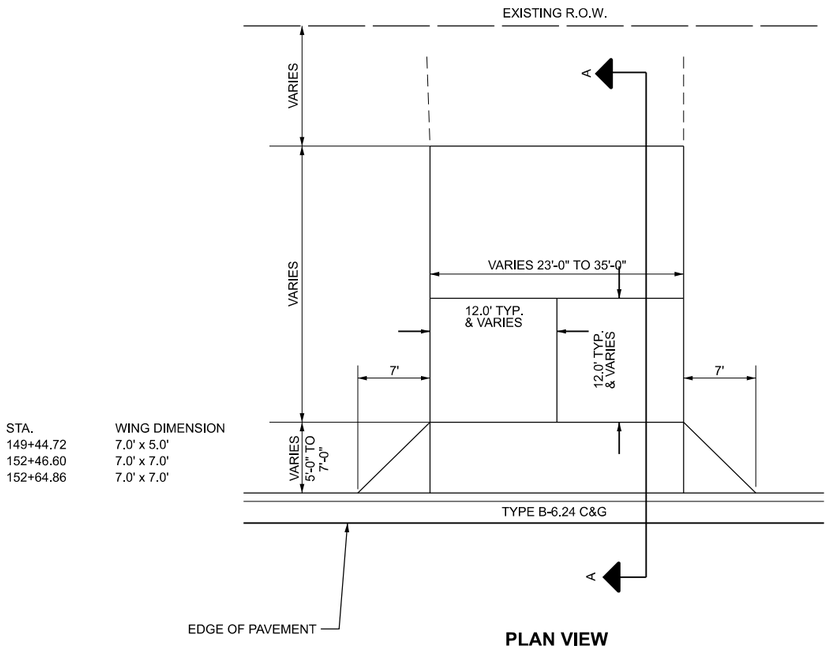
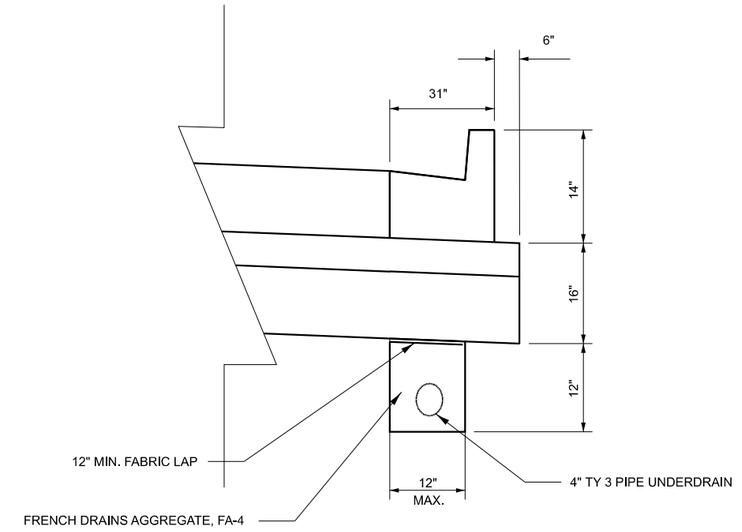
		CONTRACT NO.89815		
	ILLINOIS	FED. AID PROJECT		



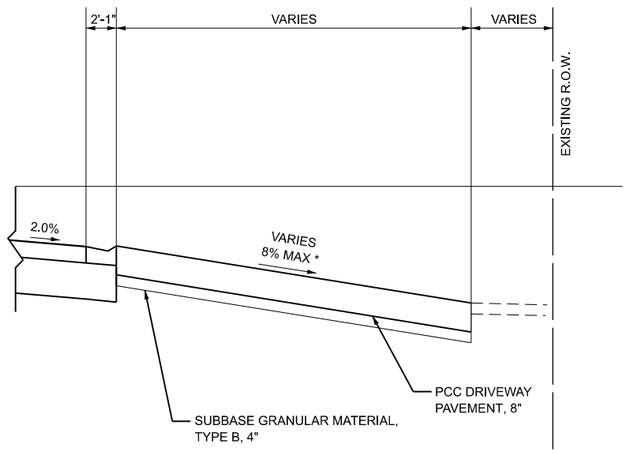
STA.	WING DIMENSION
149+44.72	7.0' x 5.0'
152+46.60	7.0' x 7.0'
152+64.86	7.0' x 7.0'

PLAN VIEW



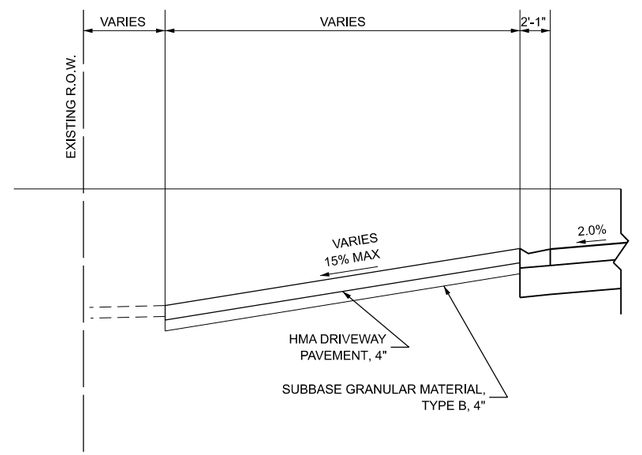
PIPE UNDERDRAIN, TYPE 3

SEE QUANTITY SCHEDULE FOR LOCATIONS



ELEVATION VIEW A-A

* UNLESS OTHERWISE SPECIFIED



ELEVATION VIEW B-B

TYPICAL DRIVEWAY DETAILS

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PLOT DATE = 8/18/2023	DATE - AUG 2023	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MISCELLANEOUS DETAILS
MAXWELL ROAD BRIDGE REHABILITATION

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

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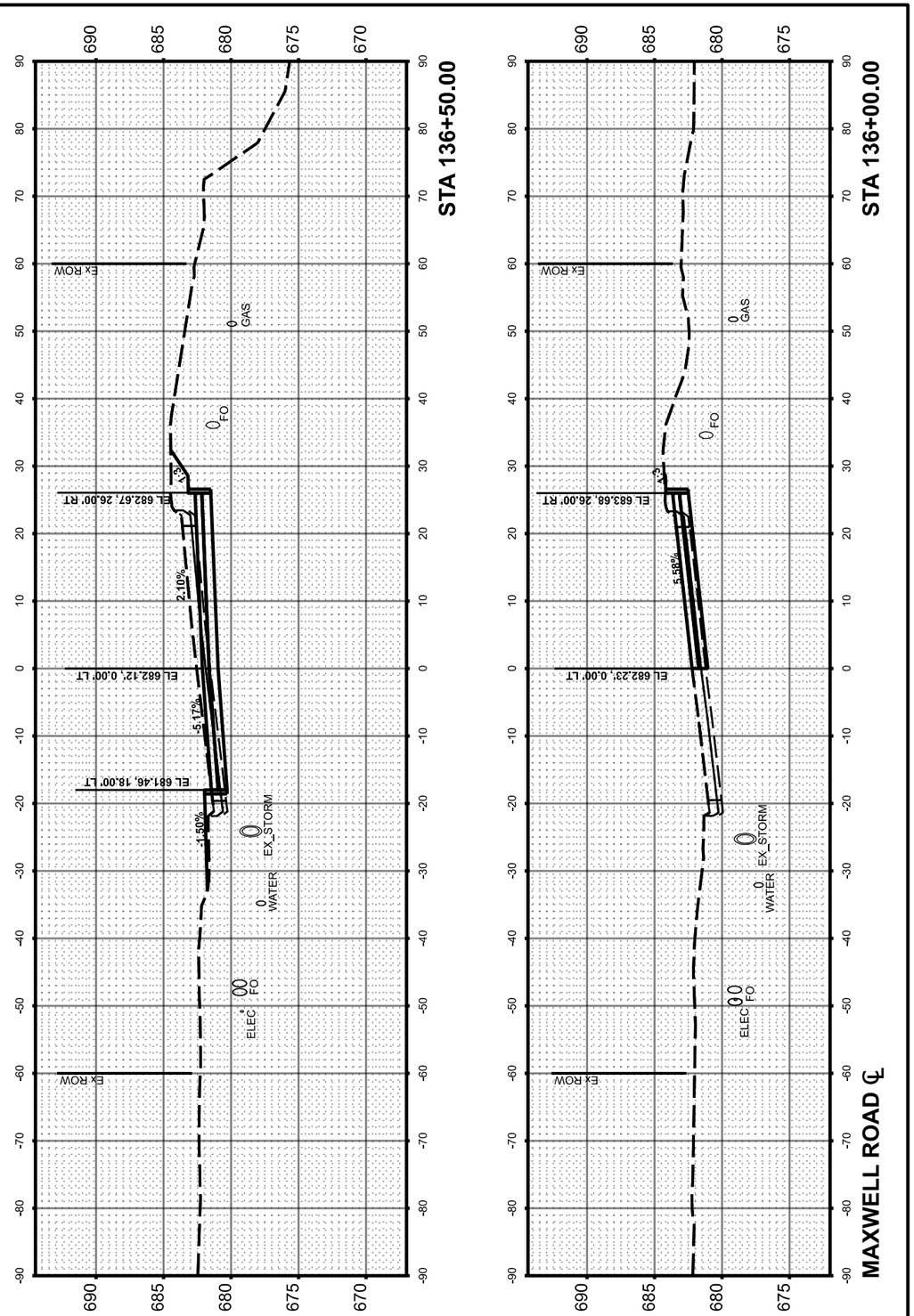
	ILLINOIS FED. AID PROJECT			



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	AREAS		
	AREAS CHECKED		

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	TEMPLATE		
	AREAS		
NO.	AREAS CHECKED		

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PLOT DATE = $DATE$	DATE - AUG 2023	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
MAXWELL ROAD BRIDGE REHABILITATION

SCALE: 1"=10' | SHEET 1 OF 14 SHEETS | STA. | TO STA.

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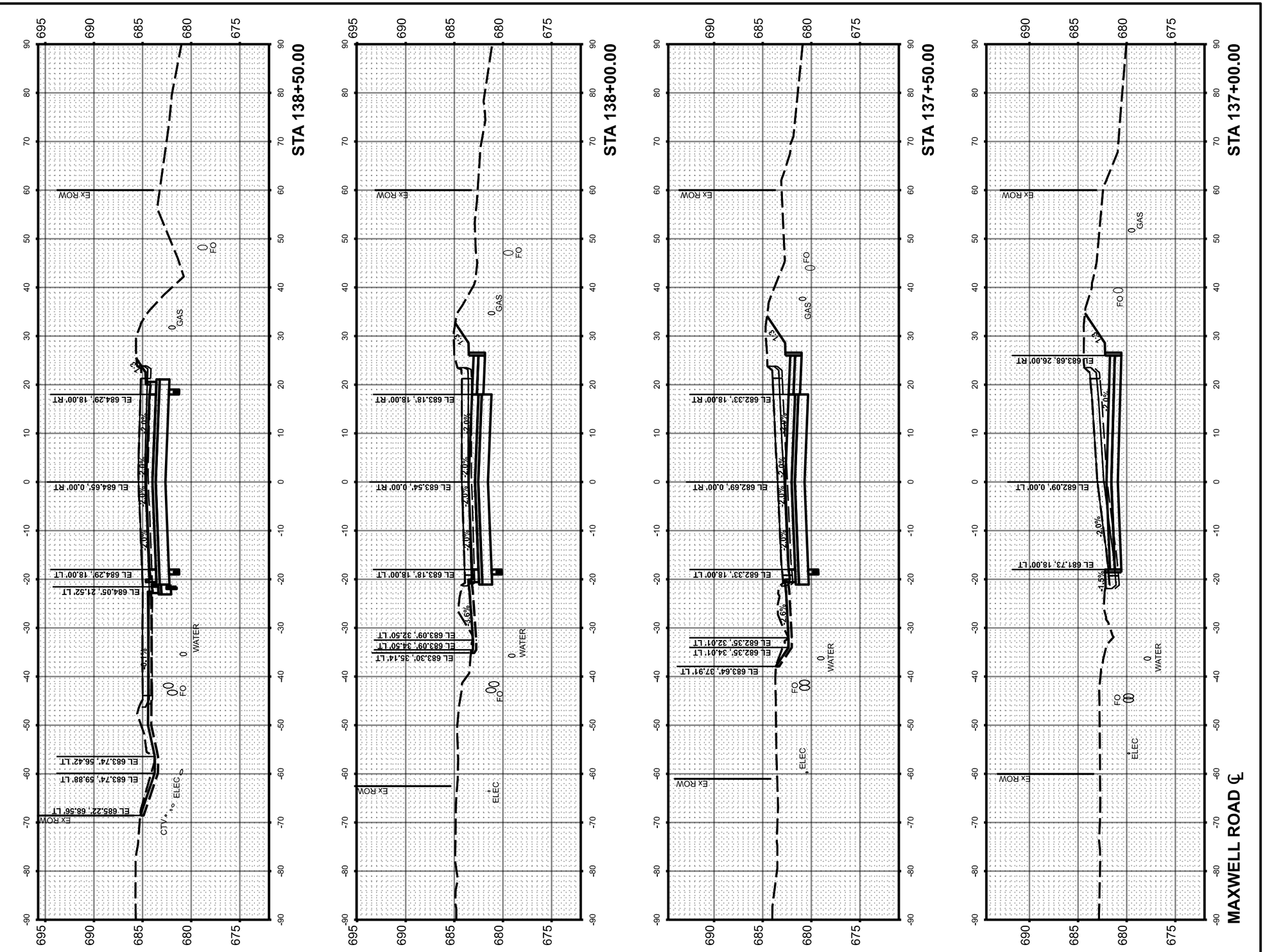
		ILLINOIS	FED. AID PROJECT	



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	AREAS		
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License No. 184-000613

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
MAXWELL ROAD BRIDGE REHABILITATION

SCALE: 1"=10' | SHEET 2 OF 14 SHEETS | STA. | TO STA.

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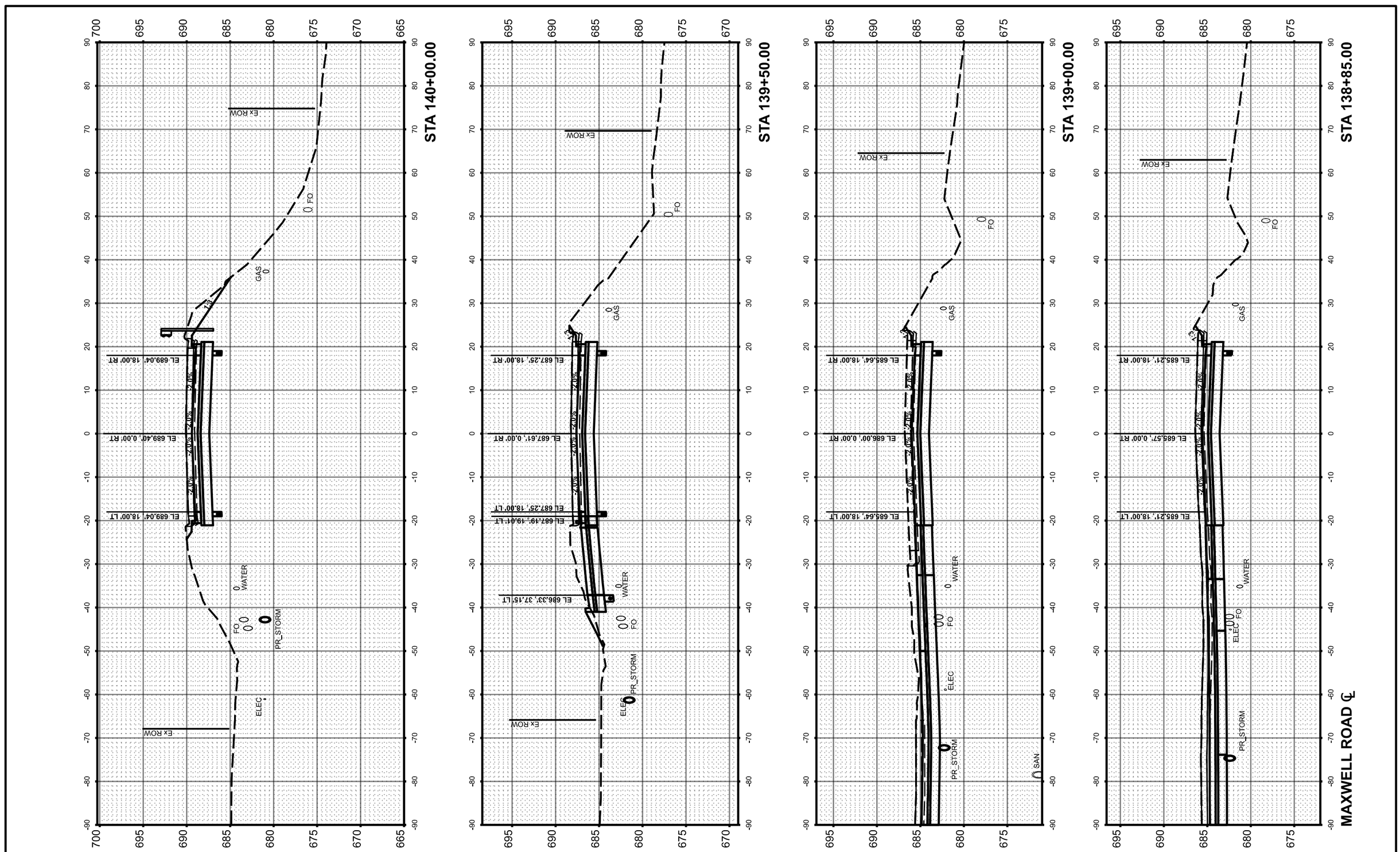
		ILLINOIS	FED. AID PROJECT	



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	AREAS CHECKED		

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License No. 184-000613

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
MAXWELL ROAD BRIDGE REHABILITATION

SCALE: 1"=10' | SHEET 3 OF 14 SHEETS | STA. | TO STA.

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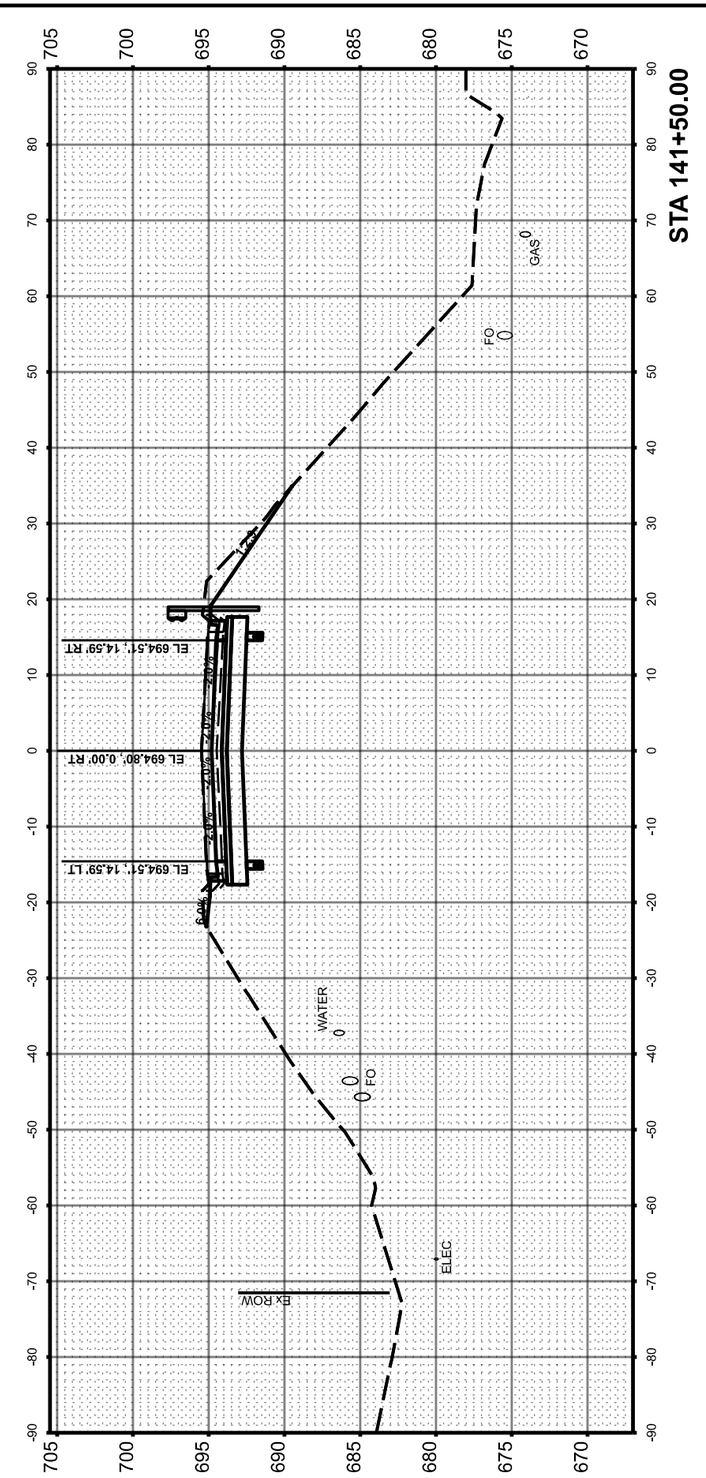
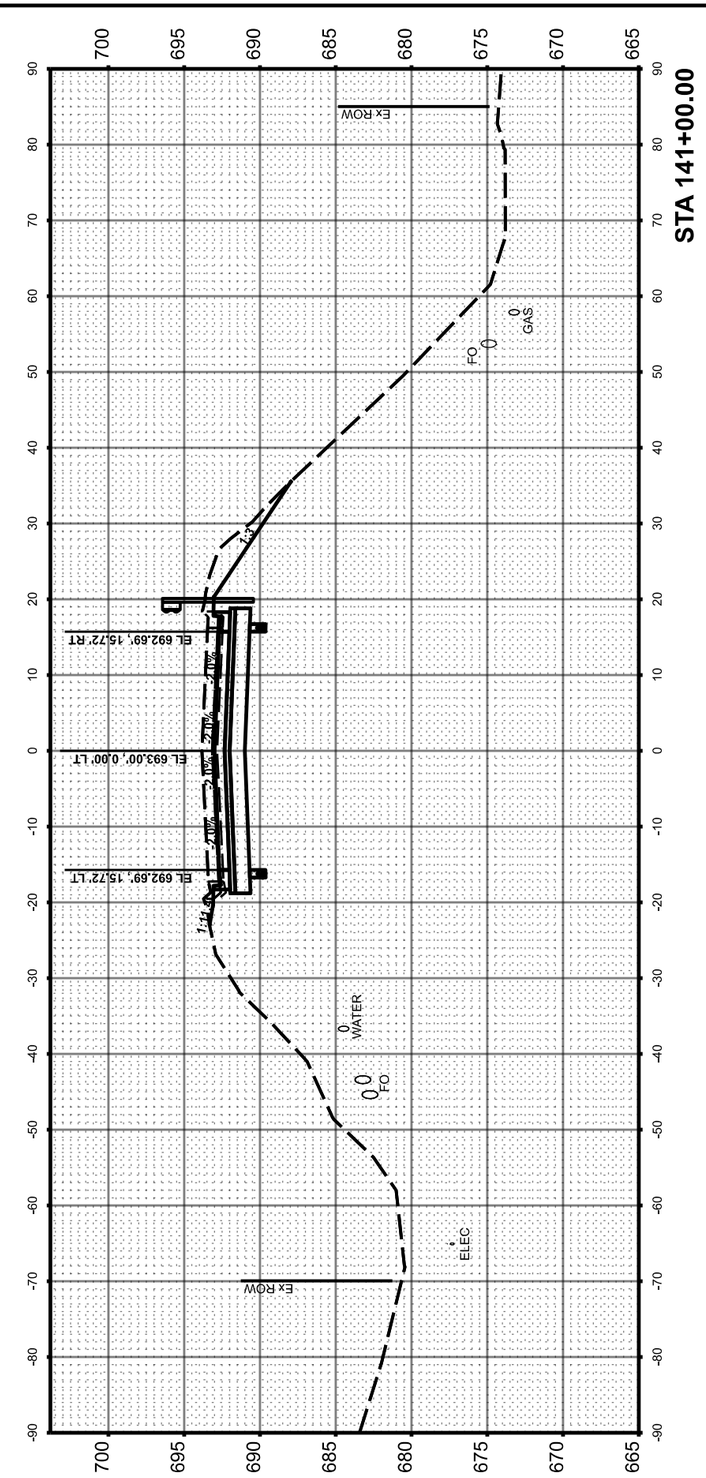
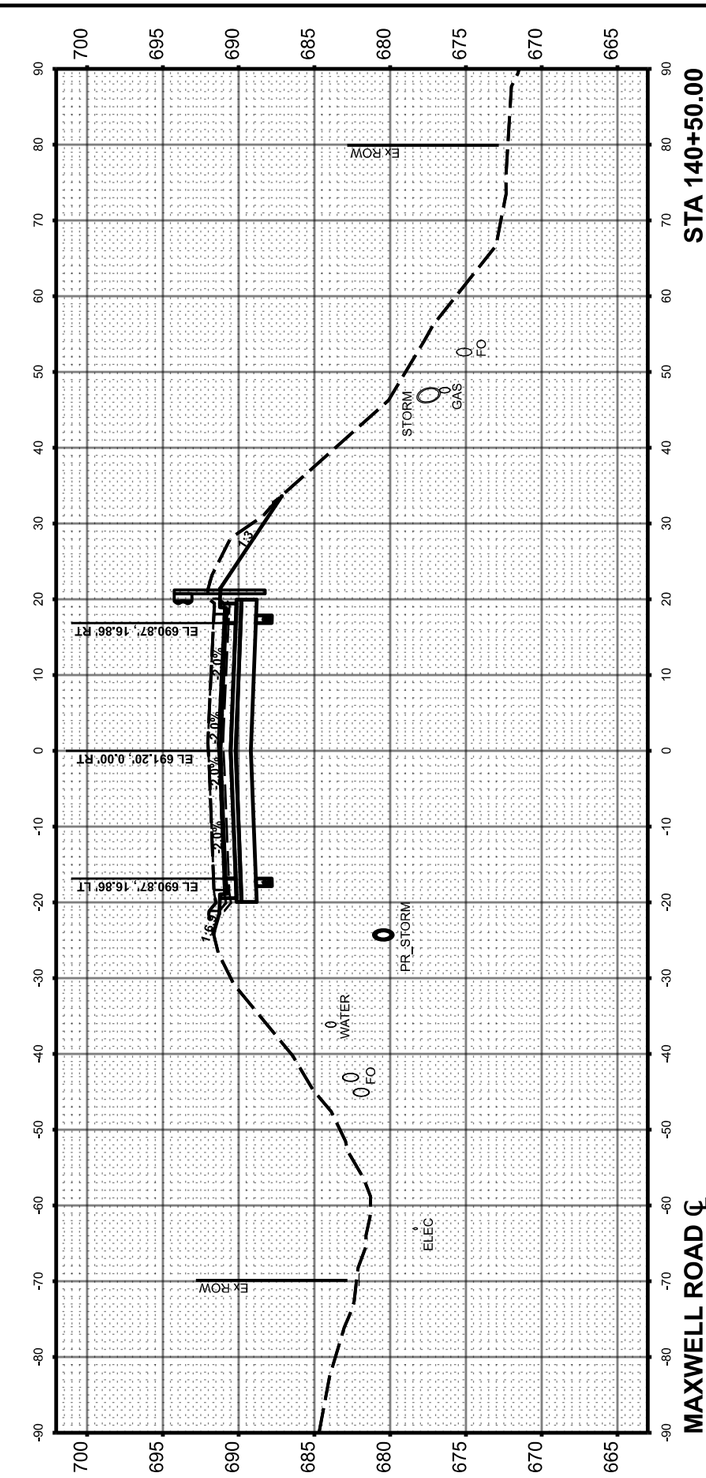
	ILLINOIS	FED. AID PROJECT		







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	PLOTTED		
NOTE BOOK	TEMPLATE		
	AREAS		
NO.	AREAS CHECKED		

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

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PLOT DATE = $DATE$	DATE - AUG 2023	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
MAXWELL ROAD BRIDGE REHABILITATION

SCALE: 1"=10' | SHEET 4 OF 14 SHEETS | STA. | TO STA.

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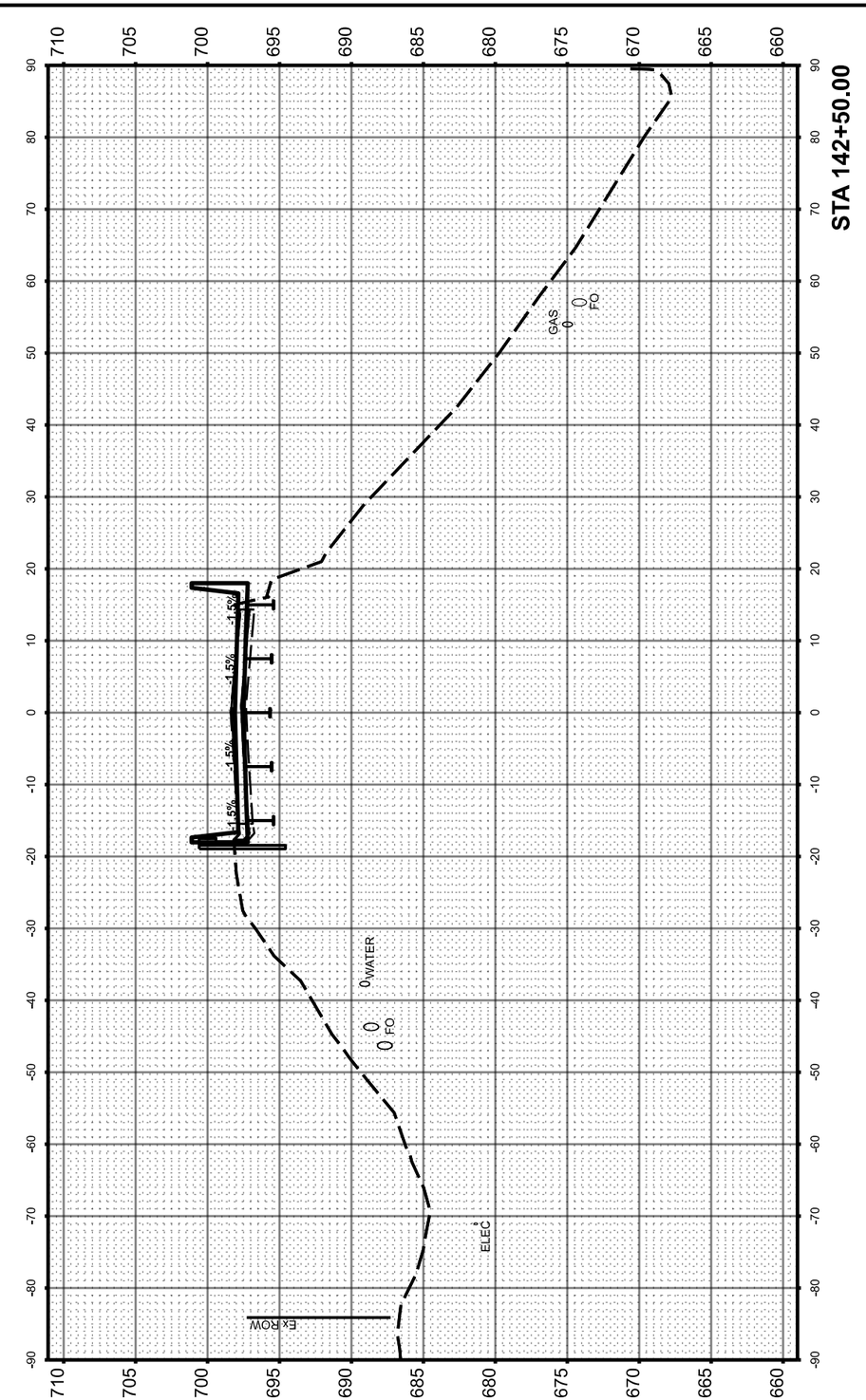
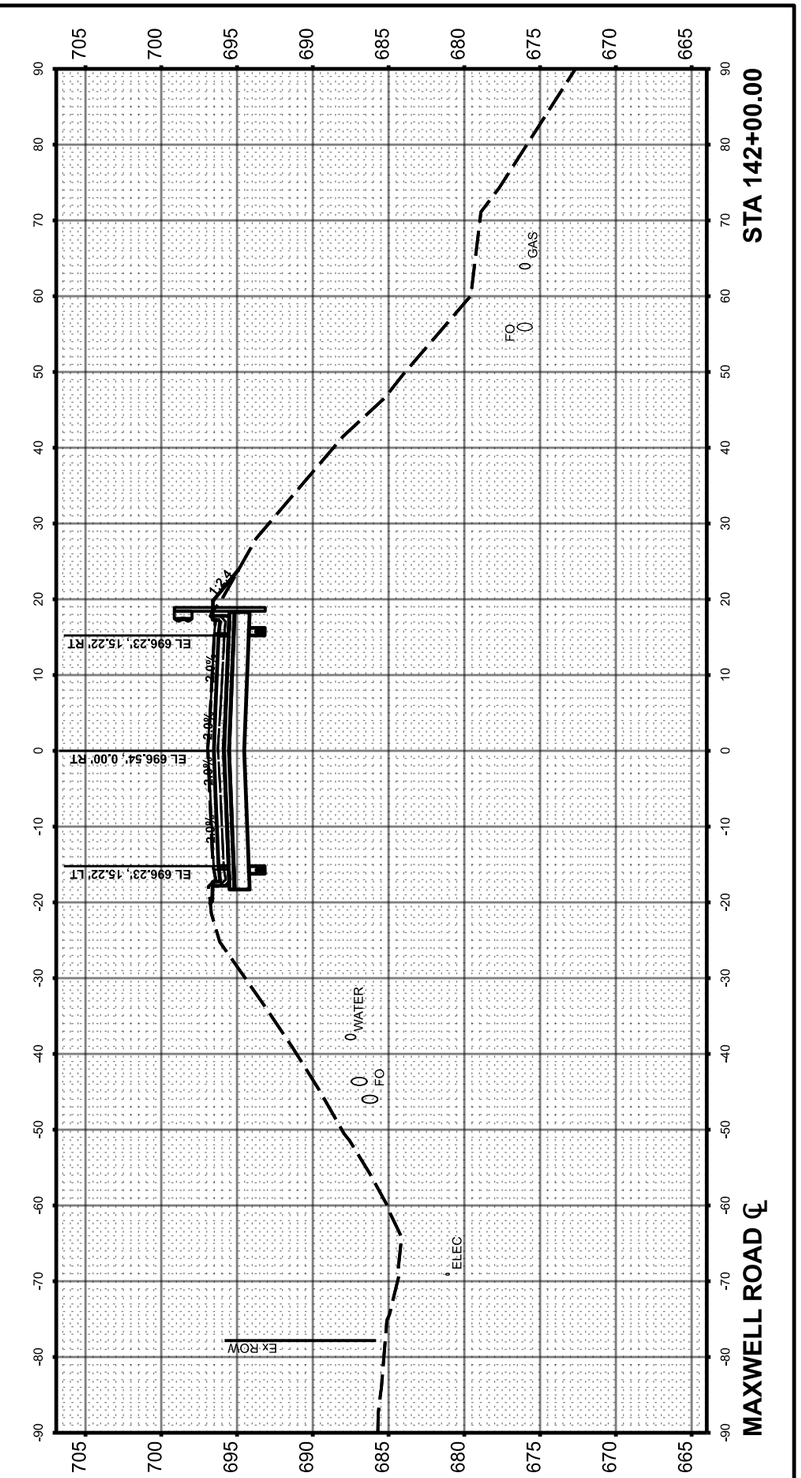
	ILLINOIS	FED. AID PROJECT		





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NOTE BOOK	TEMPLATE		
	AREAS		
NO.	AREAS CHECKED		

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

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License No. 184-000613

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
MAXWELL ROAD BRIDGE REHABILITATION

SCALE: 1"=10' | SHEET 5 OF 14 SHEETS | STA. | TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6577	19-00115-00-BR	PEORIA	99	87
		CONTRACT NO. 89815		
	ILLINOIS	FED. AID PROJECT		

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

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

MODEL: $MODELNAME$
FILE NAME: $FILE$

CMT
License No. 184-000613

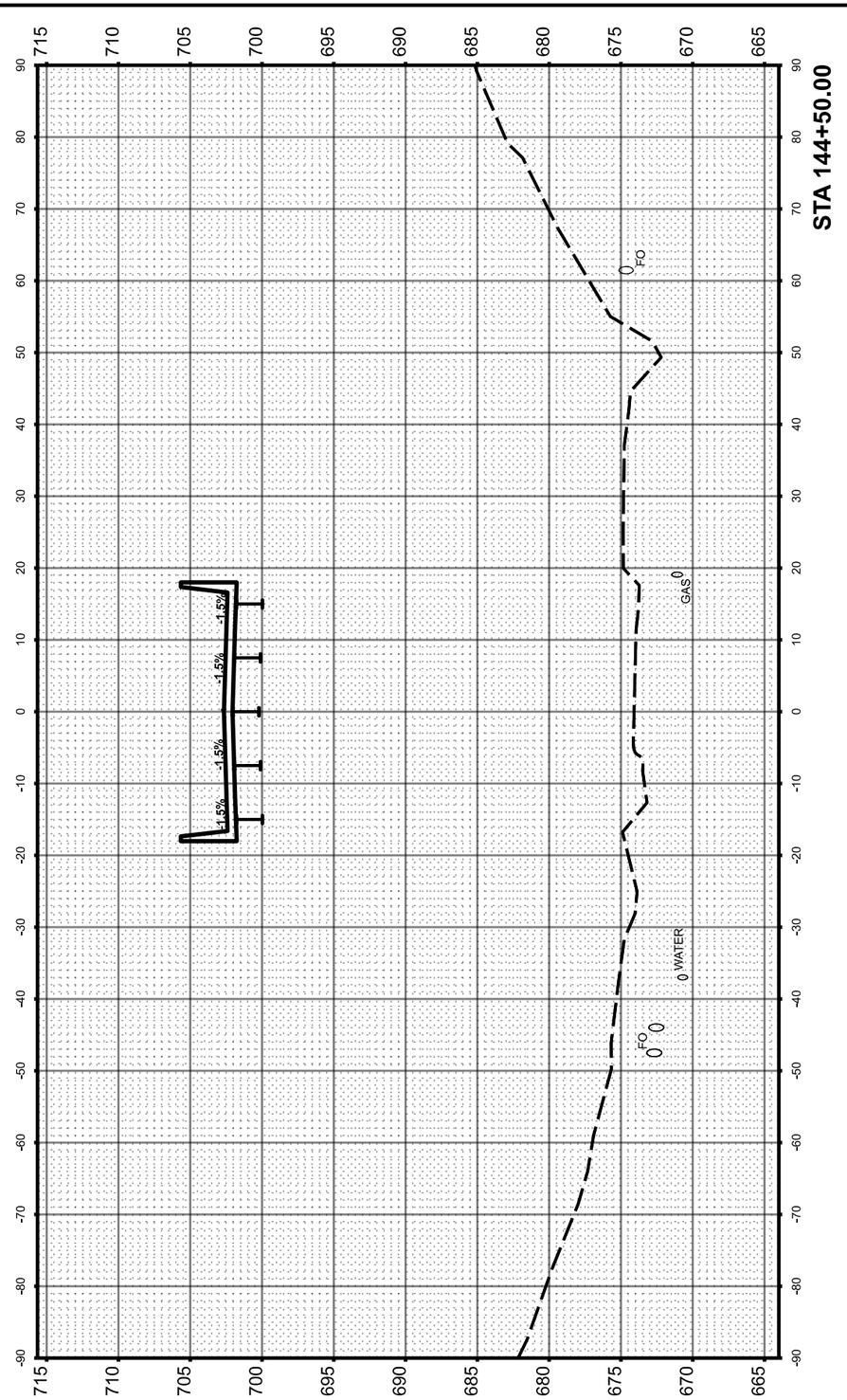
USER NAME = $USER$	DESIGNED - ZMS	REVISED -	
	DRAWN - ZMS	REVISED -	
PLOT SCALE = $SCALE$	CHECKED - EMM	REVISED -	
PLOT DATE = $DATE$	DATE - AUG 2023	REVISED -	

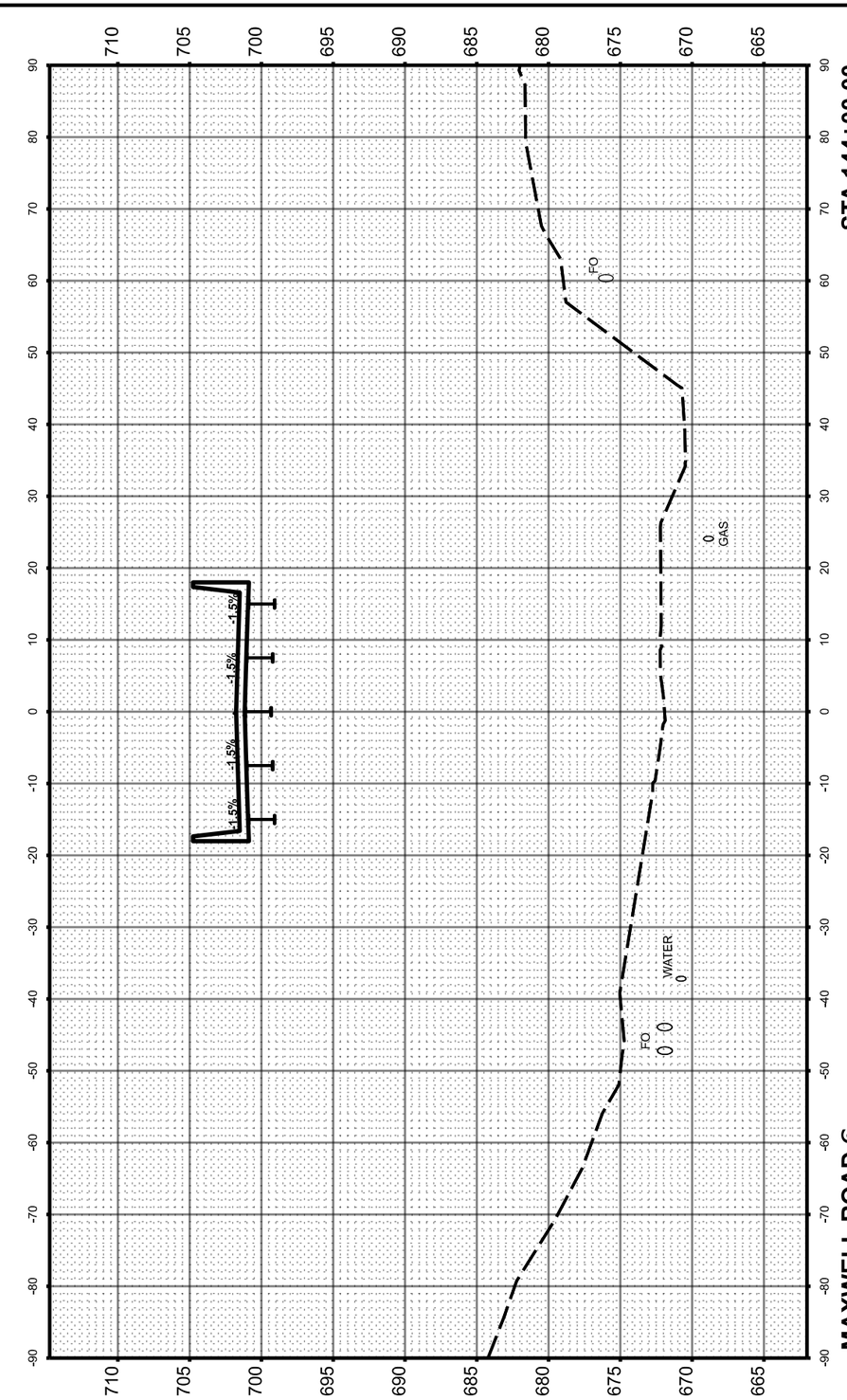
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
MAXWELL ROAD BRIDGE REHABILITATION

SCALE: 1"=10' | SHEET 6 OF 14 SHEETS | STA. | TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6577	19-00115-00-BR	PEORIA	99	88
		CONTRACT NO. 89815		
	ILLINOIS	FED. AID PROJECT		





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

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

MODEL: $MODELNAME$
FILE NAME: $FILE$

CMT
License No. 184-000613

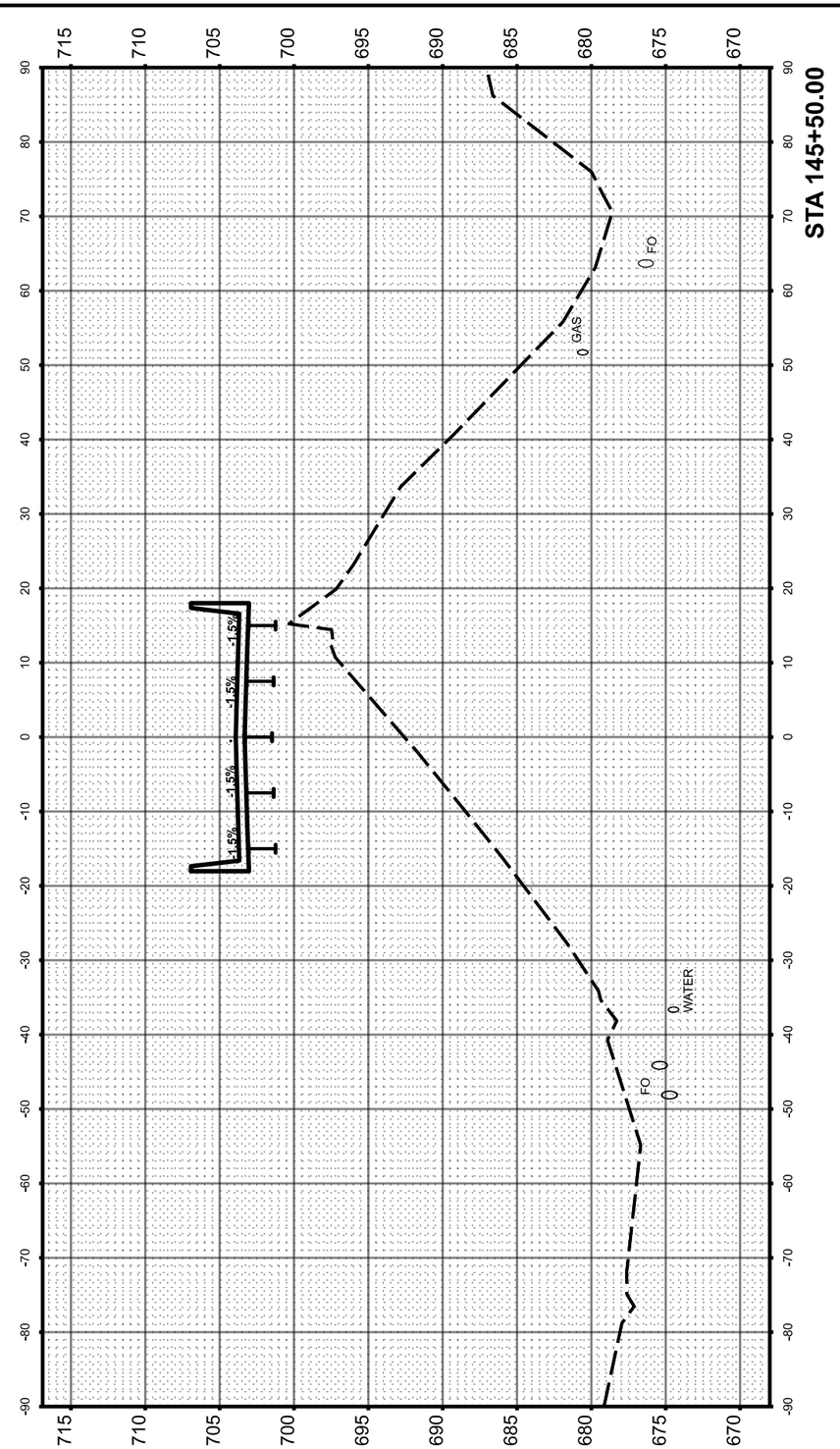
USER NAME = $USER$	DESIGNED - ZMS	REVISED -	
	DRAWN - ZMS	REVISED -	
PLOT SCALE = $SCALE$	CHECKED - EMM	REVISED -	
PLOT DATE = $DATE$	DATE - AUG 2023	REVISED -	

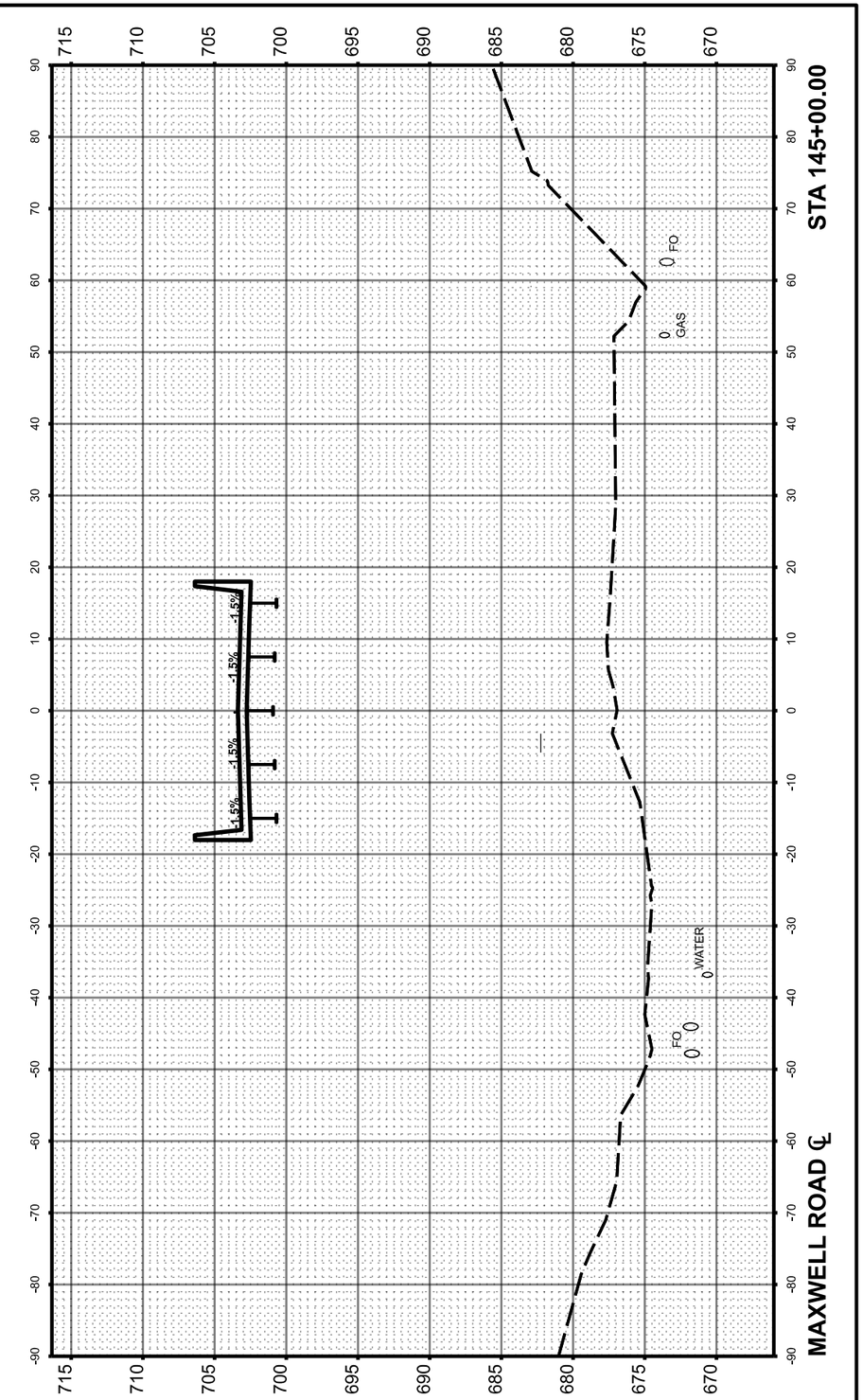
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
MAXWELL ROAD BRIDGE REHABILITATION

SCALE: 1"=10' | SHEET 7 OF 14 SHEETS | STA. | TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6577	19-00115-00-BR	PEORIA	99	89
		CONTRACT NO. 89815		
	ILLINOIS FED. AID PROJECT			





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

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

MODEL: $MODELNAME$
FILE NAME: $FILE1$

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License No. 184-000613

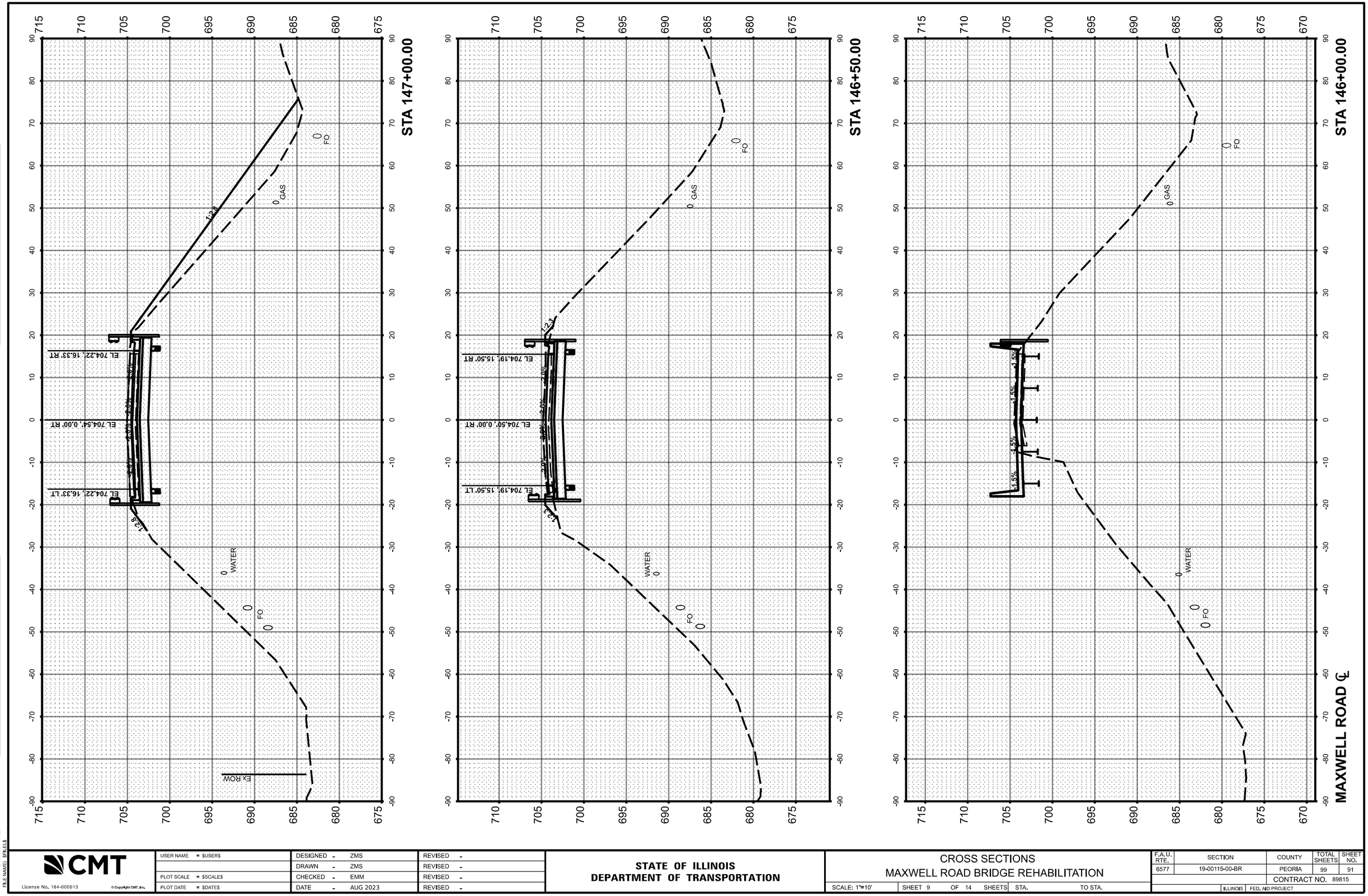
USER NAME = $USER$	DESIGNED - ZMS	REVISED -	
	DRAWN - ZMS	REVISED -	
PLOT SCALE = $SCALE$	CHECKED - EMM	REVISED -	
PLOT DATE = $DATE$	DATE - AUG 2023	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
MAXWELL ROAD BRIDGE REHABILITATION

SCALE: 1"=10' | SHEET 8 OF 14 SHEETS | STA. | TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6577	19-00115-00-BR	PEORIA	99	90
		CONTRACT NO. 89815		
		ILLINOIS	FED. AID PROJECT	



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

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

MODEL: $MODELNAME$
FILE NAME: $FILE$

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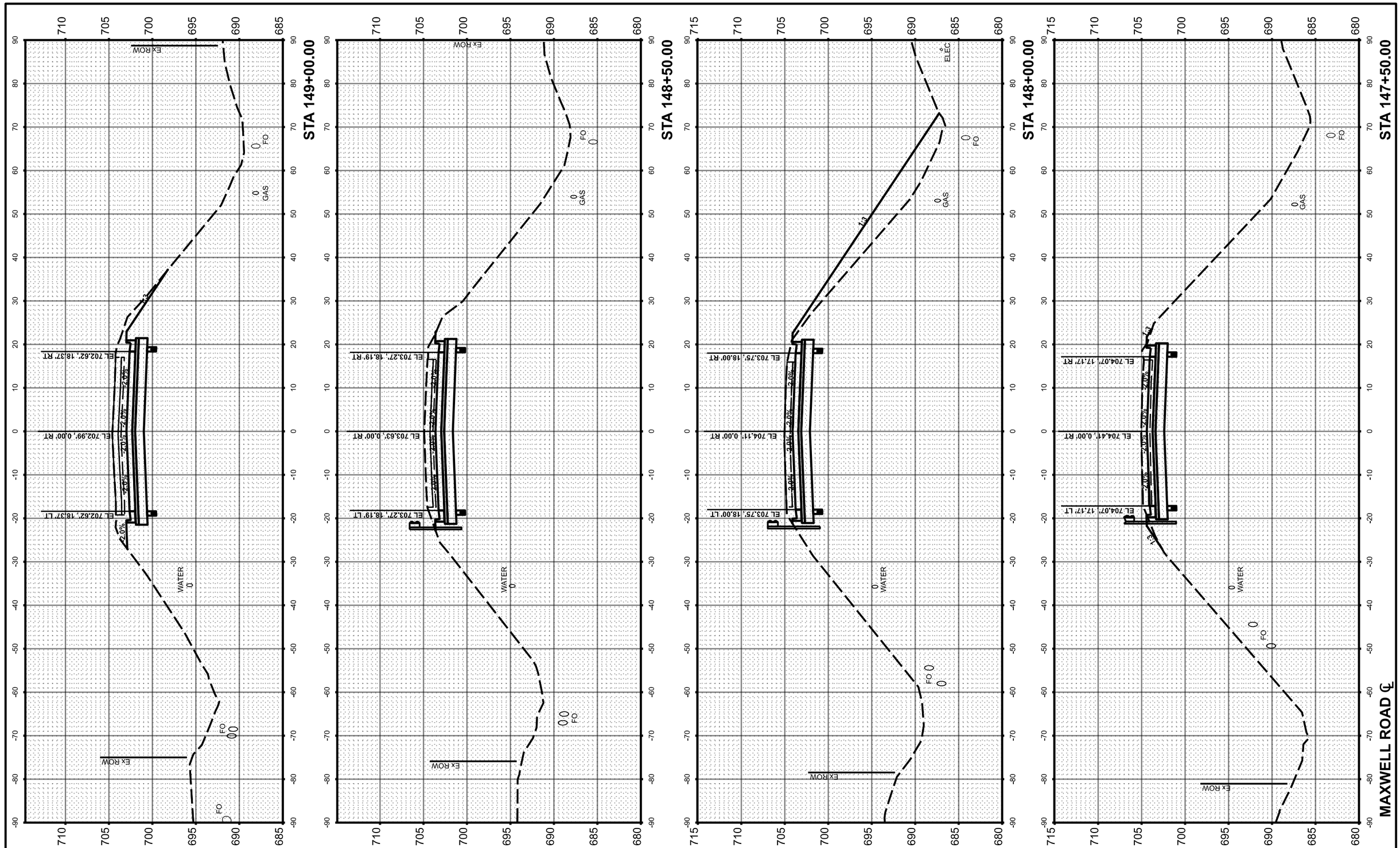
USER NAME = $USER$	DESIGNED - ZMS	REVISED -	
	DRAWN - ZMS	REVISED -	
PLOT SCALE = $SCALE$	CHECKED - EMM	REVISED -	
PLOT DATE = $DATE$	DATE - AUG 2023	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
MAXWELL ROAD BRIDGE REHABILITATION

SCALE: 1"=10' | SHEET 9 OF 14 SHEETS | STA. | TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6577	19-00115-00-BR	PEORIA	99	91
		CONTRACT NO. 89815		
	ILLINOIS	FED. AID PROJECT		



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

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

MODEL: $MODELNAME$
FILE NAME: $FILE$

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USER NAME = $USER$	DESIGNED - ZMS	REVISED -	
	DRAWN - ZMS	REVISED -	
PLOT SCALE = $SCALE$	CHECKED - EMM	REVISED -	
PLOT DATE = $DATE$	DATE - AUG 2023	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

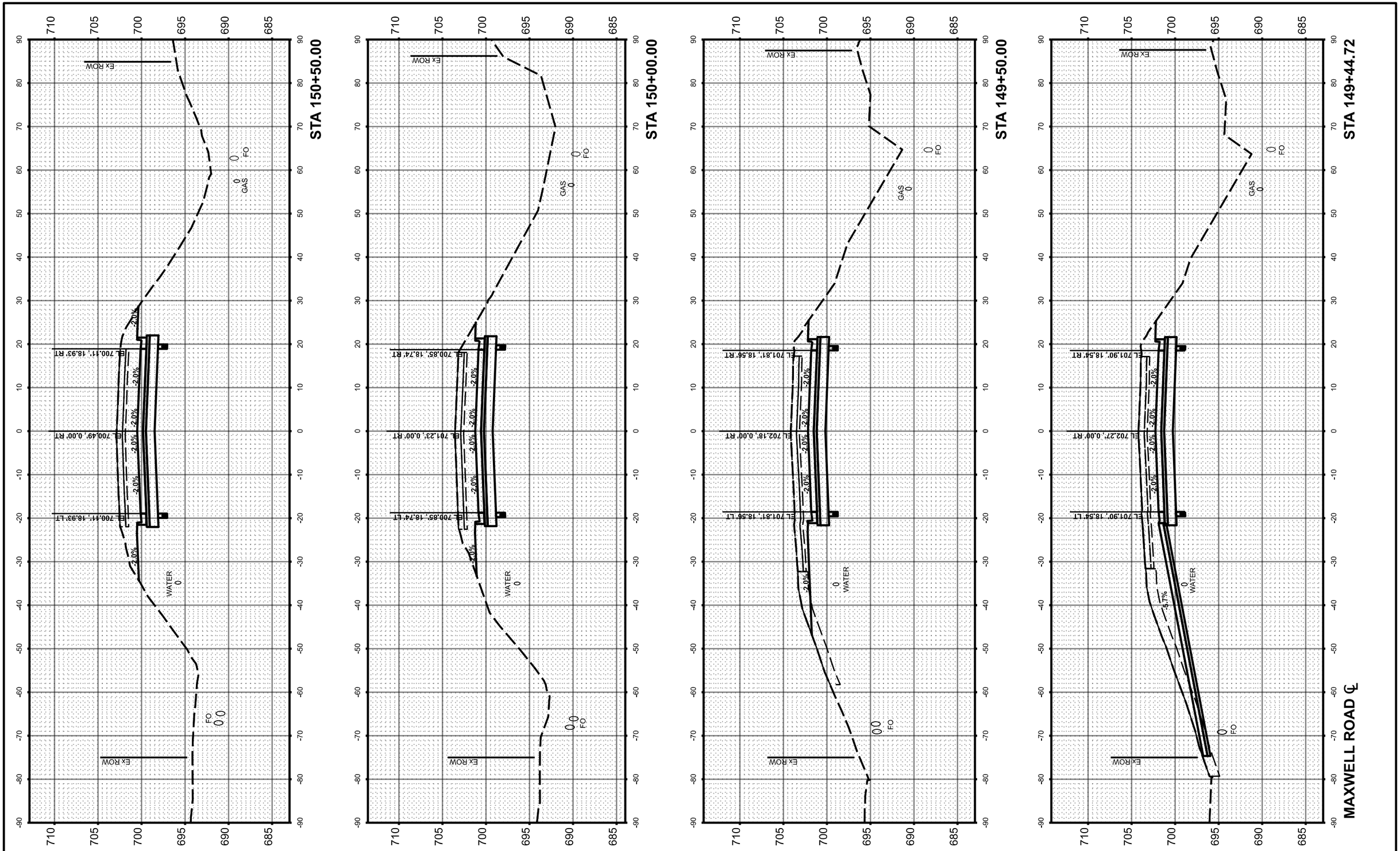
CROSS SECTIONS
MAXWELL ROAD BRIDGE REHABILITATION

SCALE: 1"=10' | SHEET 10 OF 14 SHEETS | STA. | TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6577	19-00115-00-BR	PEORIA	99	92
		CONTRACT NO. 89815		
	ILLINOIS	FED. AID PROJECT		

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

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



MODEL: $MODELNAME$
FILE NAME: $FILE$

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USER NAME = $USER$	DESIGNED - ZMS	REVISED -	
	DRAWN - ZMS	REVISED -	
PLOT SCALE = $SCALE$	CHECKED - EMM	REVISED -	
PLOT DATE = $DATE$	DATE - AUG 2023	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
MAXWELL ROAD BRIDGE REHABILITATION

SCALE: | SHEET 11 OF 14 SHEETS | STA. | TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6577	19-00115-00-BR	PEORIA	99	93
		CONTRACT NO. 89815		
	ILLINOIS	FED. AID PROJECT		

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

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

MODEL: $MODELNAME$
FILE NAME: $FILE$

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License No. 184-000613

USER NAME = $USER$	DESIGNED - ZMS	REVISED -	
	DRAWN - ZMS	REVISED -	
PLOT SCALE = $SCALE$	CHECKED - EMM	REVISED -	
PLOT DATE = $DATE$	DATE - AUG 2023	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
MAXWELL ROAD BRIDGE REHABILITATION

SCALE: 1"=10' | SHEET 12 OF 14 SHEETS | STA. | TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6577	19-00115-00-BR	PEORIA	99	94
		CONTRACT NO. 89815		
	ILLINOIS	FED. AID PROJECT		

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

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

MODEL: $MODELNAME$
FILE NAME: $FILE$

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License No. 184-000613

USER NAME	= $USER$
PLOT SCALE	= $SCALE$
PLOT DATE	= $DATE$

DESIGNED	-	ZMS
DRAWN	-	ZMS
CHECKED	-	EMM
DATE	-	AUG 2023

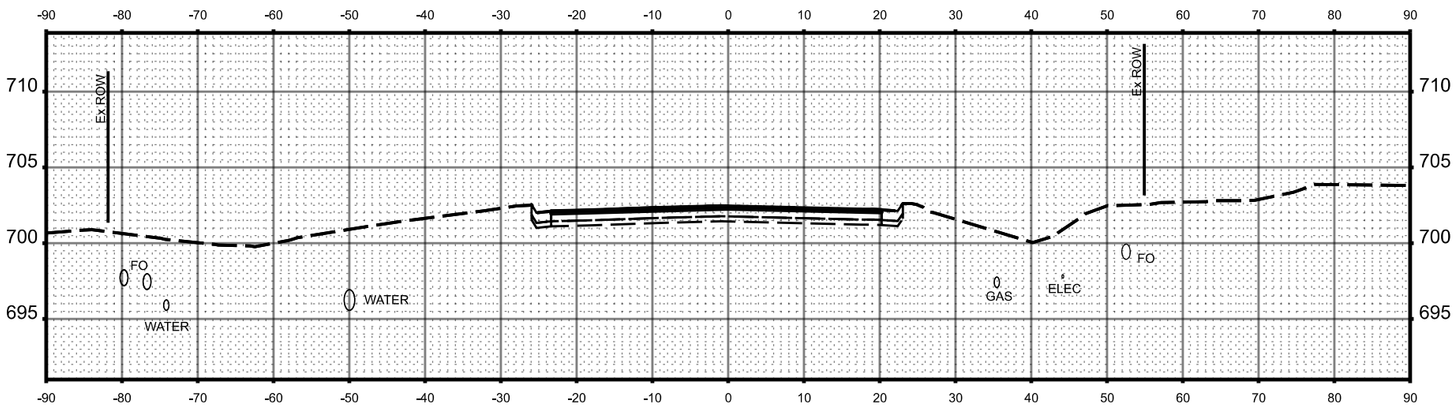
REVISED	-	
REVISED	-	
REVISED	-	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

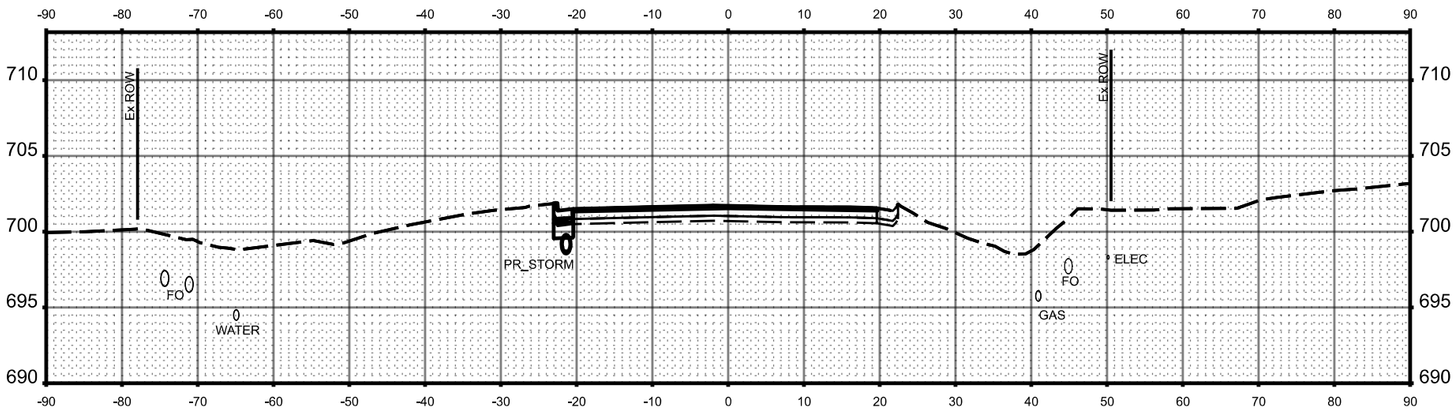
SCALE: 1"=10'

CROSS SECTIONS
MAXWELL ROAD BRIDGE REHABILITATION

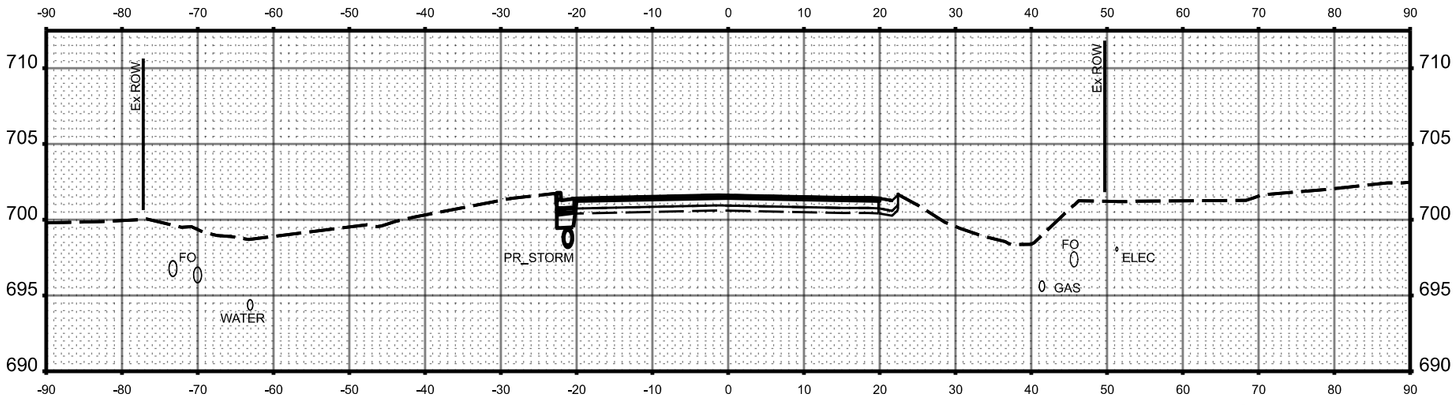
SHEET 13 OF 14 SHEETS STA. TO STA.



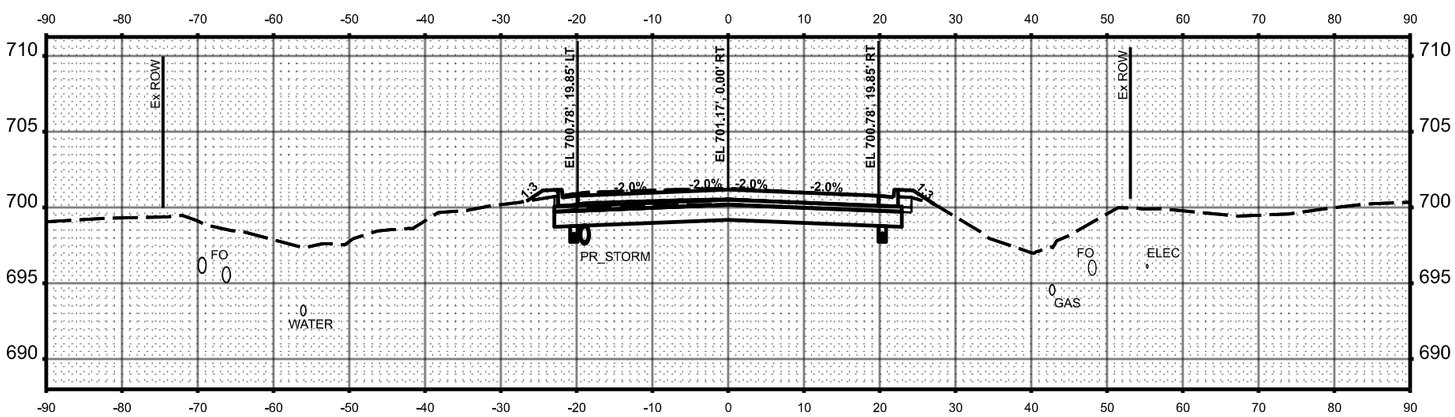
STA 154+00.00



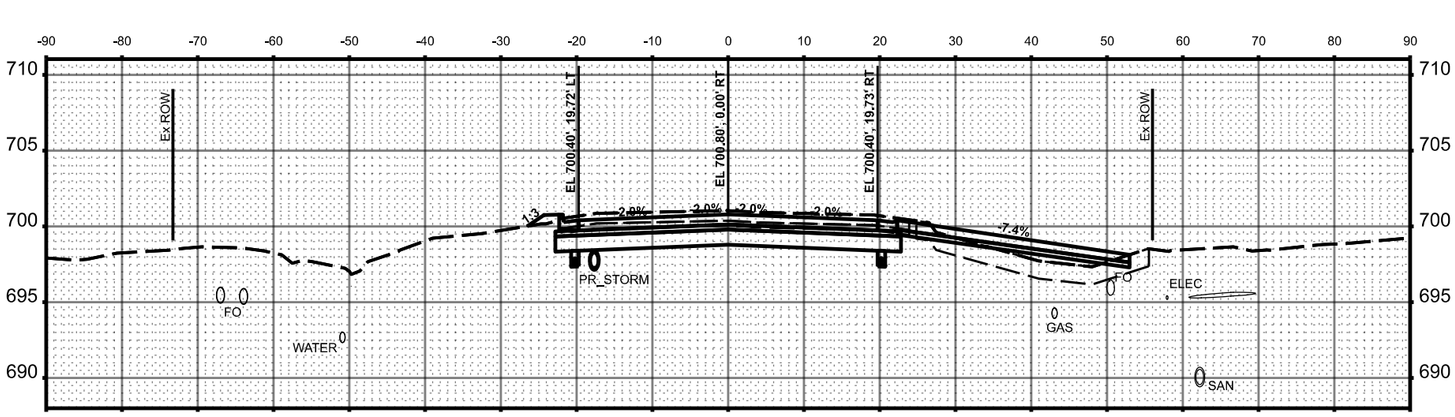
STA 153+50.00



STA 153+40.20



STA 153+00.00



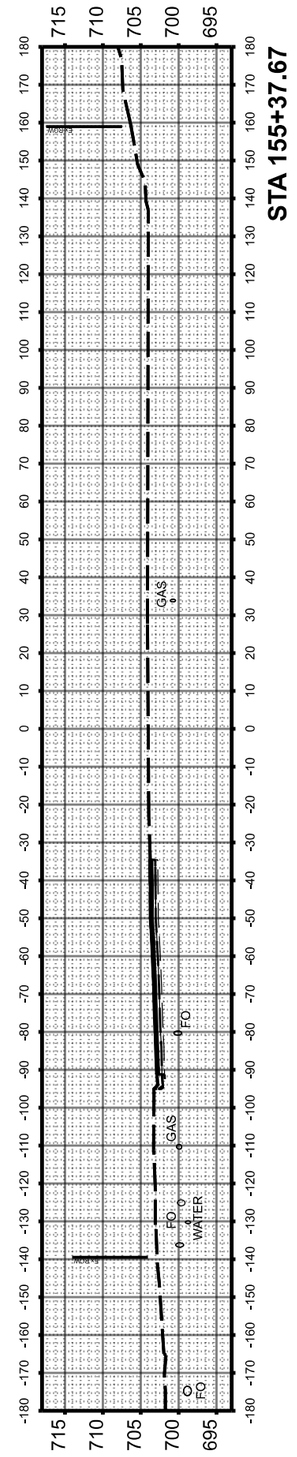
MAXWELL ROAD ℄

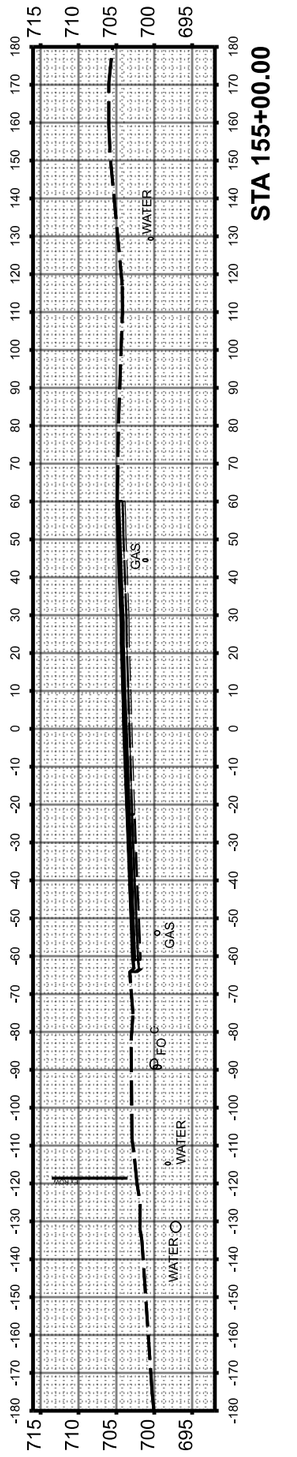
STA 152+64.86

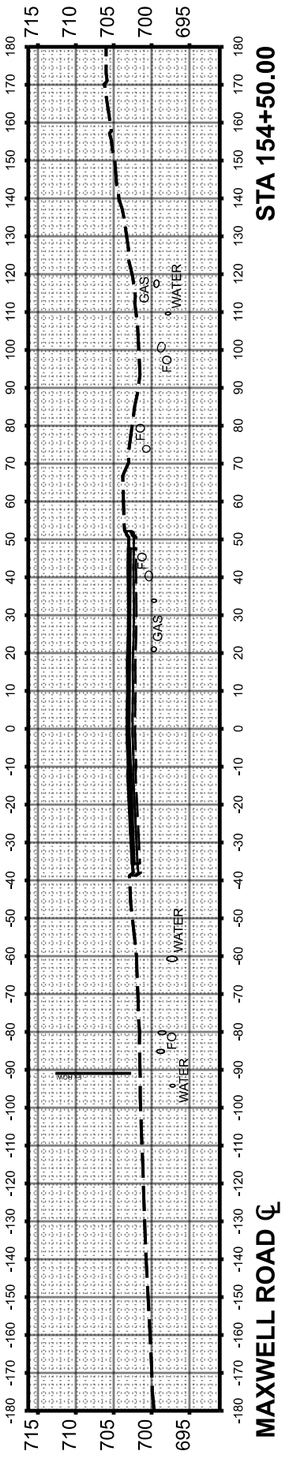
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6577	19-00115-00-BR	PEORIA	99	95
ILLINOIS FED. AID PROJECT	CONTRACT NO. 89815			

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

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







MODEL: $MODELNAME$
FILE NAME: $FILE1$

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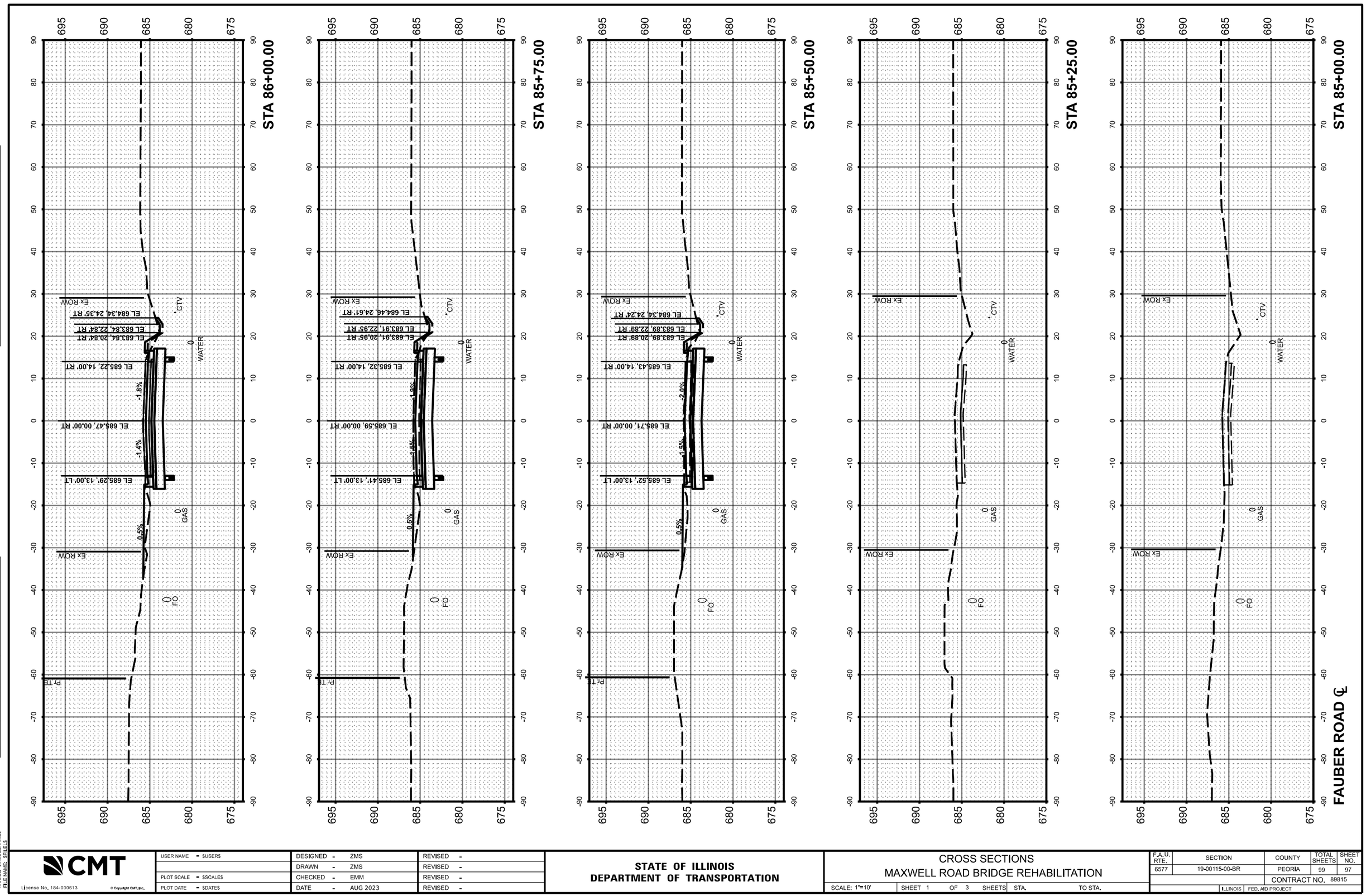
USER NAME = $USER$	DESIGNED - ZMS	REVISED -	
	DRAWN - ZMS	REVISED -	
PLOT SCALE = $SCALE$	CHECKED - EMM	REVISED -	
PLOT DATE = $DATE$	DATE - AUG 2023	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
MAXWELL ROAD BRIDGE REHABILITATION

SCALE: 1"=20' | SHEET 14 OF 14 SHEETS | STA. | TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6577	19-00115-00-BR	PEORIA	99	96
		CONTRACT NO. 89815		
	ILLINOIS FED. AID PROJECT			



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

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

MODEL: $MODELNAME$
FILE NAME: $FILE$

CMT
License No. 184-000613

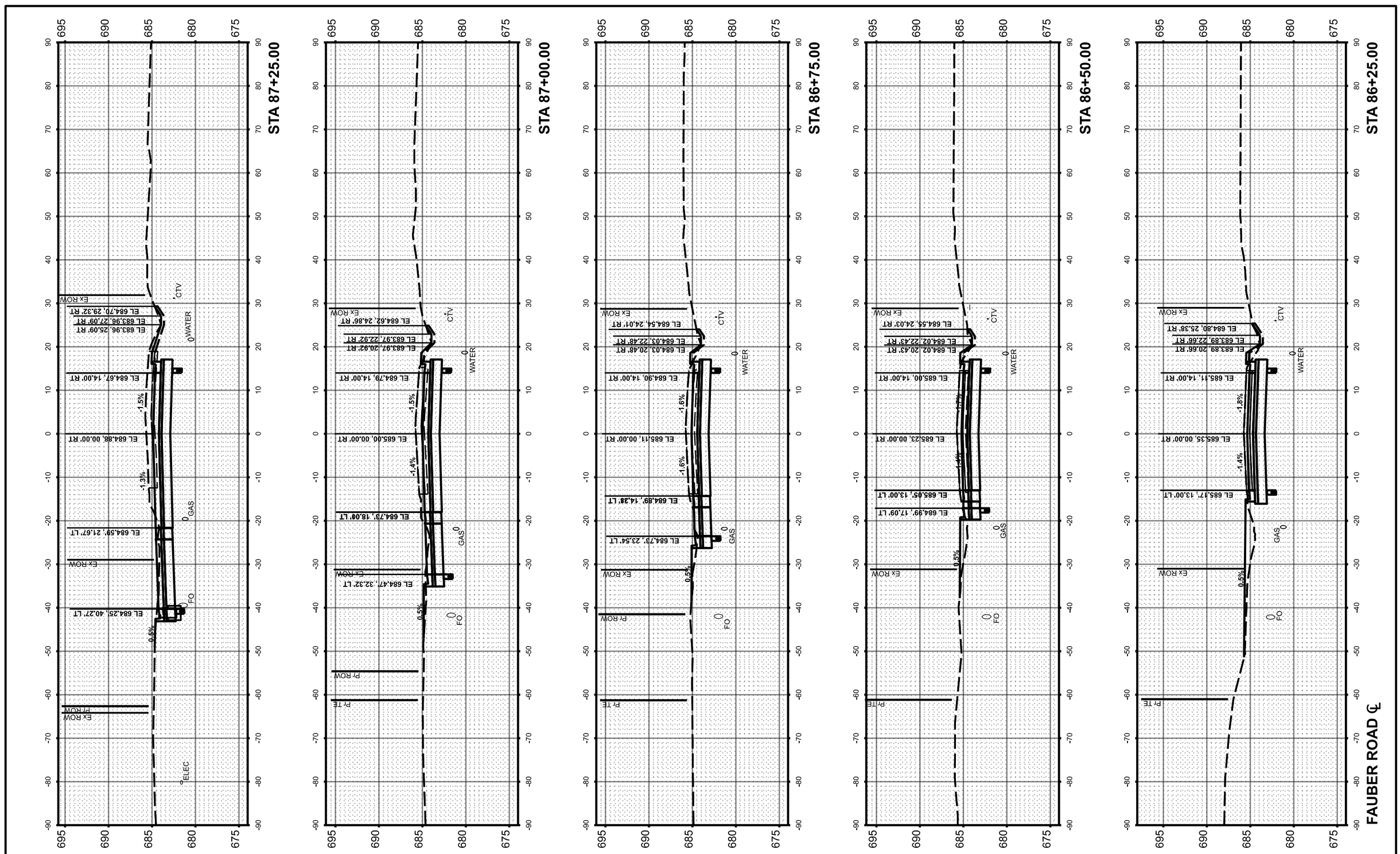
USER NAME = $USER$	DESIGNED - ZMS	REVISED -	
	DRAWN - ZMS	REVISED -	
PLOT SCALE = $SCALE$	CHECKED - EMM	REVISED -	
PLOT DATE = $DATE$	DATE - AUG 2023	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
MAXWELL ROAD BRIDGE REHABILITATION

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6577	19-00115-00-BR	PEORIA	99	97
		CONTRACT NO. 89815		
		ILLINOIS	FED. AID PROJECT	



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

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

MODEL: $MODELNAME$
FILE NAME: $FILE1$

CMT
License No. 184-000613

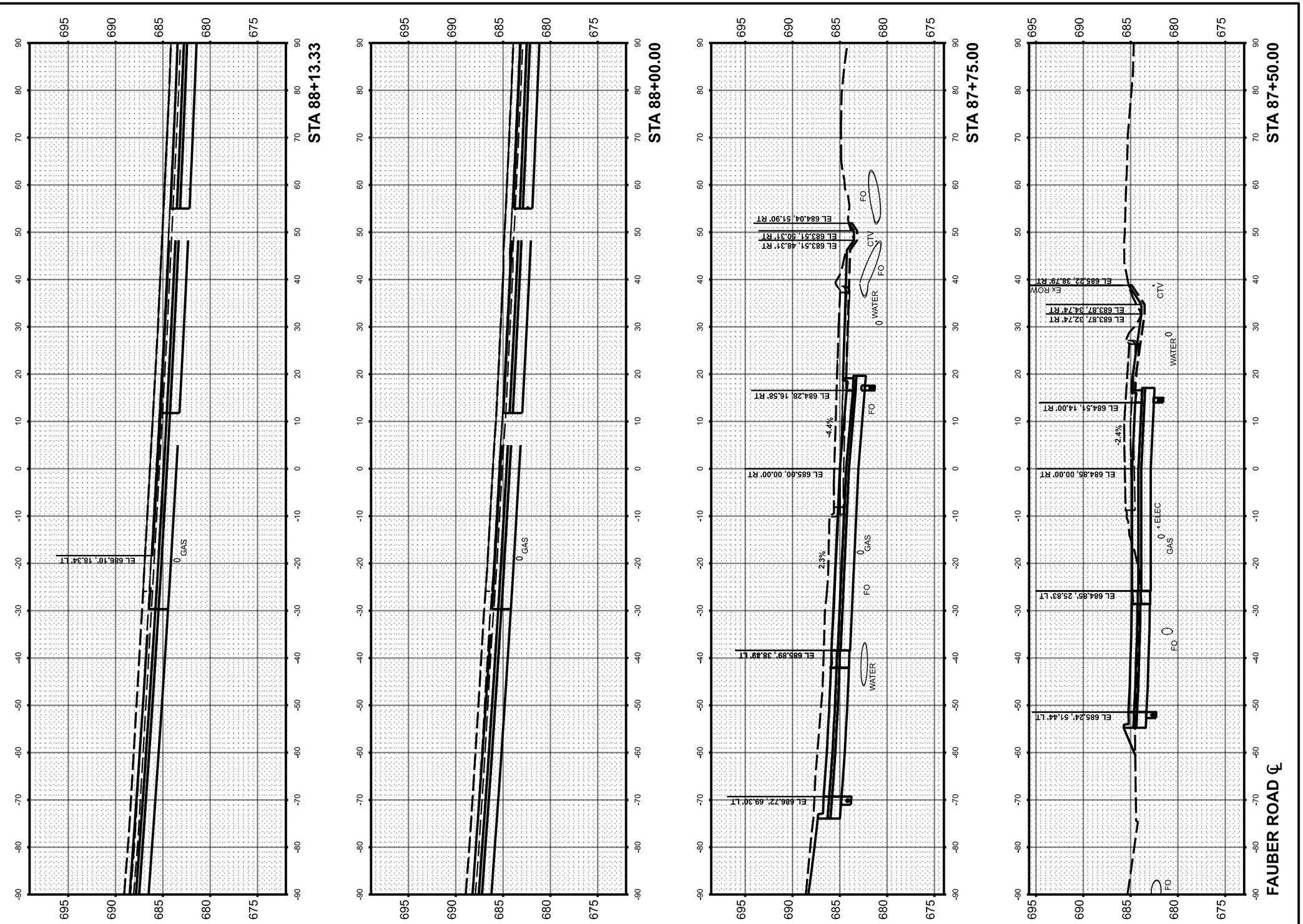
USER NAME = $USER$	DESIGNED - ZMS	REVISED -	
	DRAWN - ZMS	REVISED -	
PLOT SCALE = $SCALE$	CHECKED - EMM	REVISED -	
PLOT DATE = $DATE$	DATE - AUG 2023	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
MAXWELL ROAD BRIDGE REHABILITATION

SCALE: 1"=10' | SHEET 2 OF 3 SHEETS | STA. | TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6577	19-00115-00-BR	PEORIA	99	98
		CONTRACT NO. 89815		
		ILLINOIS	FED. AID PROJECT	



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

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

MODEL: $MODELNAME$
FILE NAME: $FILE$

CMT
License No. 184-000613

USER NAME = $USER$	DESIGNED - ZMS	REVISED -	
	DRAWN - ZMS	REVISED -	
PLOT SCALE = $SCALE$	CHECKED - EMM	REVISED -	
PLOT DATE = $DATE$	DATE - AUG 2023	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
MAXWELL ROAD BRIDGE REHABILITATION

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6577	19-00115-00-BR	PEORIA	99	99
		CONTRACT NO. 89815		
	ILLINOIS FED. AID PROJECT			