

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(06-1HB-2 & 06-2HB)BR	BUREAU	202	1
		ILINDS	CONTRACT NO.	66K73

P-93-015-20
D-93-022-22



INDEX OF SHEETS

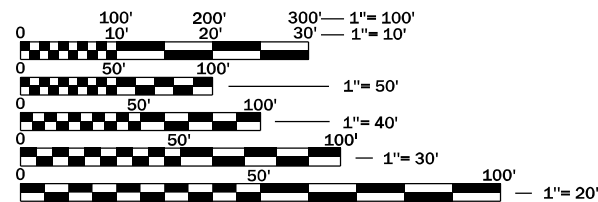
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- 202 CROSS SECTIONS, 1670 N AVE

**FAI 80 (I 80)
SECTION (06-1HB-2 & 06-2HB)BR
PROJECT NHPP-NLNX(934)
BRIDGE REPLACEMENT
UNDER 470 E STREET, 4.8 MILES EAST OF HENRY CO LINE,
UNDER 645 E STREET, 1.5 MILES NORTH OF SHEFFIELD
BUREAU COUNTY**

C-93-043-22

PROJECT LOCATION NO. 2
LOCATION NO. 2
EXIST SN 006-0121
PROP SN 006-0191
CARRYING 470 E ST
OVER F.A.I. 80
I-80 STA 252 + 46.79

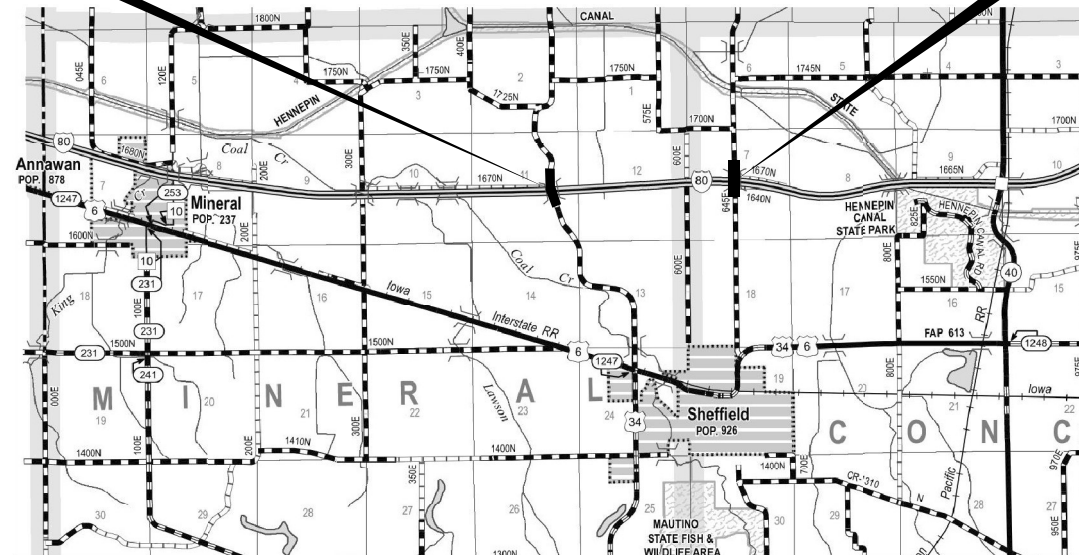
PROJECT LOCATION NO. 1
LOCATION NO. 1
EXIST SN 006-0117
PROP SN 006-0190
CARRYING 645 E ST
OVER F.A.I. 80
I-80 STA 342 + 38.41



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

DISTRICT 3 NO. (815) 434-6131
PROJECT ENGINEER JOSEPH E. KANNEL, P.E.
UNIT CHIEF JORDAN LONGNECKER
TOWNSHIP(S) CONCORD, MINERAL
CONTRACT NO. 66K73



LOCATION MAP
NOT TO SCALE

GROSS LENGTH = 8991.62 FT. = 1.703 MILE
NET LENGTH = 8991.62 FT. = 1.703 MILE

STATE OF ILLINOIS
REGISTERED PROFESSIONAL ENGINEER
Gregory R. Brumm
049216
Gregory R. Brumm
SIGNED Gregory R. Brumm, P.E. Lic. No. 062-049216
Expires 11/30/2023
APPLIES TO DWG NUMBERS: 1-73, 155-202
DATE 3/7/2022

STATE OF ILLINOIS
REGISTERED PROFESSIONAL ENGINEER
Yachua Deng
081-008355
CHICAGO ILLINOIS
Yachua Deng
SIGNED Yachua Deng, S.E. Lic. No. 081-008355
Expires 11/30/2022
APPLIES TO DWG NUMBERS: 74-116
DATE 3/7/2022

STATE OF ILLINOIS
REGISTERED STRUCTURAL ENGINEER
MICHAEL T. HALEY
081-005991
CHATHAM
Michael T. Haley
SIGNED Michael T. Haley
Licensed Structural Engineer
State of Illinois No. 081-005991
Expires 11/30/2022
APPLIES TO DWG NUMBERS: 117-154
Date: 3/7/2022

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
SUBMITTED April 4 20 22
David Almond REGIONAL ENGINEER
March 25 2022
Stephen M. Smith ENGINEER OF DESIGN AND ENVIRONMENT
March 25 2022
Stephen M. Smith DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION 2

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OF THE STATE OF ILLINOIS**

GENERAL NOTES

THE HMA SURFACE OF ALL MAILBOX TURNOUTS, PRIVATE ENTRANCES, COMMERCIAL ENTRANCES, AND SIDE ROADS SHALL BE MADE NEATLY, IN A WORKMANLIKE MANNER, AND SHALL ACCURATELY CONFORM TO THE SHAPES AND DIMENSIONS SHOWN ON THE PLAN DETAILS. IF REQUIRED BY THE ENGINEER, THE CONTRACTOR SHALL SAW CUT THE HMA SURFACE TO CONFORM TO THE SHAPES AND DIMENSIONS SHOWN ON THE PLAN DETAILS. THIS WORK WILL BE INCLUDED IN THE COST OF THE HMA SURFACE.

ALL ELEVATIONS REFERRING TO U.S.G.S MEAN SEA LEVEL DATUM.

UNLESS OTHERWISE NOTED IN THE PLAN SHEETS, STATIONS AND OFFSETS REFERENCES ARE FROM THE PROPOSED CENTERLINE OF THE PARTICULAR ROADWAY SHOWN.

THE FINISHED EARTHWORK SHALL HAVE A VEGETATION SUSTAINING SOIL COVERING THE TOP FOUR INCHES (100 MILLIMETERS) IN AREAS TO BE SEED OR SODDED. THE VEGETATION SUSTAINING SOIL REQUIRED WILL NOT BE PAID FOR SEPARATELY BUT WILL BE INCLUDED IN THE COST OF TOPSOIL EXCAVATION AND PLACEMENT.

BEFORE ORDERING PIPE CULVERTS OR PIPE DRAINS, THE CONTRACTOR SHALL CONSULT THE ENGINEER FOR EXACT LENGTHS.

THE ENGINEER WILL BE THE SOLE JUDGE CONCERNING CURING TIME FOR THE VARIOUS HMA LIFTS.

FOR STABILIZATION, ALL TYPE III BARRICADES SHALL REQUIRE A MINIMUM OF FOUR SAND BAGS PER BARRICADE.

MEMBERS OF JULIE KNOWN TO BE WITHIN THE LIMITS OF THE IMPROVEMENT ARE:

1. CORN BELT ENERGY
2. FRONTIER MIDWEST FIBER
3. AMEREN IP

NON-MEMBERS OF JULIE KNOWN TO BE WITHIN THE LIMITS OF THE IMPROVEMENT ARE:

THE CONTRACTOR SHALL CONTACT JULIE AT LEAST 48 HOURS PRIOR TO EXCAVATION TO DETERMINE WHICH UTILITIES ARE WITHIN THE AREA.

THE FOLLOWING RATES OF APPLICATION HAVE BEEN USED IN CALCULATING PLAN QUANTITIES:

GRANULAR MATERIALS	2.05	TONS/CU YD
SHORT TERM PAVEMENT MARKING	10	FT/100 FT OF PROPOSED
TOPSOIL AND EARTH EXCAVATION SHRINKAGE FACTORS	25%	SHRINKAGE
REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	8	IN OF MATERIAL
TOPSOIL EXCAVATION AND PLACEMENT	4	IN OF TOPSOIL
HMA	SEE MIXTURE TABLE	

HMA MIXTURE REQUIREMENT TABLE

LOCATIONS:	ENTIRE PROJECT	ENTIRE PROJECT	ENTIRE PROJECT	ENTIRE PROJECT
MIXTURE USE(S):	HMA SURFACE	HMA BINDER	HMA SHOULDER 10" BOTTOM LIFT(S)	HMA SHOULDER 10" TOP LIFT
BINDER GRADE (PG):	PG 64-22	PG 64-22	PG 64-22	PG 64-22
DESIGN AIR VOIDS:	4% @ N50	4% @ N50	4% @ N70	4% @ N70
MIXTURE COMPOSITION: (MIXTURE GRADATION)	IL 9.5	IL 9.5	IL 19.0	IL 9.5
FRICTION AGGREGATE:	MIXTURE C			MIXTURE C
MIXTURE WEIGHT:	112.0 LB/SY/IN	112.0 LB/SY/IN	112.0 LB/SY/IN	112.0 LB/SY/IN
QUALITY MANAGEMENT PROGRAM:	QCQA	QCQA	QCQA	QCQA
SUBLOT SIZE:	NA	NA	NA	NA
DENSITY TEST METHOD	CORES	CORES	CORES	CORES
MATERIAL TRANSFER DEVICE (REQUIRED):	NO	NO	NO	NO

COMMITMENTS

DUE TO THE POSSIBLE PRESENCE OF THE INDIANA BAT AND NORTHERN LONG EARED BAT, TREES WITH A DIAMETER 3 INCHES OR GREATER AT BREST HEIGHT WILL NOT BE CLEARED BETWEEN APRIL 1ST AND SEPTEMBER 30TH.

EXISTING ROAD CLOSURE TRAFFIC CONTROL DEVICES USED ON 645 E ROAD, AS WELL AS THE STEEL PLATE COVERING A HOLE ON THE EXISTING BRIDGE DECK FOR SN 006-0117 BELONG TO THE DEPARTMENT, AND SHALL BE DELIVERED TO THE PRINCETON MAINTENANCE FACILITY UPON THE CONTRACTORS INSTALLATION OF THE PROPOSED TRAFFIC CONTROL DEVICES FOR THE CLOSURE OF 645 E ROAD. COST TO BE INCLUDED IN THE COST OF CONTRACT TRAFFIC CONTROL PAY ITEMS. CONTACT BRADY CHANDLER AT 815-875-2287 PRIOR TO DELIVERY OF DEVICES.

IDOT HIGHWAY STANDARDS

- 000001-08 STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
- 001001-02 AREAS OF REINFORCEMENT BARS
- 001006 DECIMAL OF AN INCH AND OF A FOOT
- 280001-07 TEMPORARY EROSION CONTROL SYSTEMS
- 420001-10 PAVEMENT JOINTS
- 420406 PAVEMENT CONNECTOR (HMA) FOR BRIDGE APPROACH SLAB
- 482001-02 HMA SHOULDER ADJACENT TO FLEXIBLE PAVEMENT
- 482011-03 HMA SHOULDER, STRIPS/SHOULDERS, WITH RESURFACING OR WIDENING & RESURFACING PROJECTS
- 515001-04 NAME PLATES FOR BRIDGES
- 541411 SLOPED METAL END SECTIONS FOR PIPE CULVERTS 15 IN THRU 84 IN DIAMETER
- 542001-06 CONCRETE END SECTIONS FOR PIPE CULVERTS 15 IN THRU 84 IN DIAMETER
- 542301-03 PRECAST REINFORCED CONCRETE FLARED END SECTION
- 610001-09 SHOULDER INLET WITH CURB
- 630001-12 STEEL PLATE BEAM GUARDRAIL
- 630201-07 PCC/HMA STABILIZATION AT STEEL PLATE BEAM GUARDRAIL
- 630301-09 SHOULDER WIDENING FOR TYPE 1 (SPECIAL) GUARDRAIL TERMINALS
- 631011-10 TRAFFIC BARRIER TERMINAL, TYPE 2
- 631031-17 TRAFFIC BARRIER TERMINAL, TYPE 6
- 635001-02 DELINEATORS
- 642006-01 SHOULDER RUMBLE STRIPS, 8 IN.
- 643001-02 SAND MODULE IMPACT ATTENUATOR
- 701001-02 OFF-ROAD OPERATIONS, 2L, 2W, 15 FT TO 24 IN FROM PAVEMENT EDGE
- 701106-02 OFF-ROAD OPERATIONS, MULTILANE, MORE THAN 15 FT AWAY
- 701400-11 APPROACH TO LANE CLOSURE, FREEWAY/EXPRESSWAY
- 701402-12 LANE CLOSURE, FREEWAY/EXPRESSWAY, WITH BARRIER
- 701406-13 LANE CLOSURE, FREEWAY/EXPRESSWAY, DAY OPERATIONS ONLY
- 701428-01 TRAFFIC CONTROL SETUP & REMOVAL FREEWAY/EXPRESSWAY
- 701451-05 RAMP CLOSURE FREEWAY/EXPRESSWAY
- 701901-08 TRAFFIC CONTROL DEVICES
- 704001-08 TEMPORARY CONCRETE BARRIER
- 725001-01 OBJECT AND TERMINAL MARKERS
- 782006-01 GUARDRAIL AND BARRIER WALL REFLECTOR MOUNTING DETAILS
- B.L.R. 22-7 TYPICAL APPLICATION OF TRAFFIC CONTROL DEVICES FOR CONSTRUCTION ON RURAL LOCAL HIGHWAYS

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DISTRICT THREE
AS BUILT INFORMATION

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DISTRICT THREE

SUPERVISING CONSTRUCTION FIELD ENGINEER

PREPARED BY: _____
DISTRICT STUDIES & PLANS ENGINEER

RESIDENT ENGINEER / TECHNICIAN

DATE: _____

START & END DATES
OF CONSTRUCTION: _____

EXAMINED BY: _____
DISTRICT CONSTRUCTION ENGINEER

INSPECTORS: _____

DISTRICT MATERIALS ENGINEER

DISTRICT OPERATIONS ENGINEER

PROJECT NO.: #P06080001008
PROJ. CONTACT: #H06080001008
FILE: 06080001008.dwg
PLOT DATE: 2/14/2022
PLOT SCALE: 1" = 100.0000' / in.
PLOT DATE: 2/14/2022



USER NAME = amonocchio	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 2/14/2022	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

GENERAL NOTES, DISTRICT DETAILS,
AND COMMITMENTS

SCALE: SHEET OF SHEETS

FA1 RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(06-1HB-2 & 06-2HB)BR	BUREAU	202	2
CONTRACT NO.			66K73	
ILLINOIS FED. AID PROJECT				

PROJECT NO.: #P06E000007100
 PROJ. CONTACT: #P06E000007100
 FILE NAME: 066K73-SHTY-Summary.dgn
 PLOT NUMBER: 1
 PEN TABLE: #PEN_TABLE*

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE	
				NHPP 90% FED / 10% STATE	NHPP 90% FED / 10% STATE
				BRIDGE	BRIDGE
				0010	0010
				006-0190	006-0191
20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	971	306	665
20100210	TREE REMOVAL (OVER 15 UNITS DIAMETER)	UNIT	193	18	175
20200100	EARTH EXCAVATION	CU YD	404	124	280
* 20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	1008	597	411
20400800	FURNISHED EXCAVATION	CU YD	5645	4778	867
20700220	POROUS GRANULAR EMBANKMENT	CU YD	6034	4900	1134
21101505	TOPSOIL EXCAVATION AND PLACEMENT	CU YD	3036	1790	1246
25000210	SEEDING, CLASS 2A	ACRE	3.5	2.05	1.45
25000400	NITROGEN FERTILIZER NUTRIENT	POUND	314	185	129
25100630	EROSION CONTROL BLANKET	SQ YD	16127	9522	6605
25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	314	185	129
28000305	TEMPORARY DITCH CHECKS	FOOT	750	250	500
25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	314	185	129
28000400	PERIMETER EROSION BARRIER	FOOT	9103	5297	3806
28000500	INLET AND PIPE PROTECTION	EACH	13	7	6
28000510	INLET FILTERS	EACH	5	1	4
35100700	AGGREGATE BASE COURSE, TYPE A 8"	SQ YD	8030	5361	2669

* SPECIALTY ITEM



USER NAME = amonocchio	DESIGNED - MDB	REVISED -
	DRAWN - MDB	REVISED -
PLOT SCALE = 100.0000" / in.	CHECKED -	REVISED -
PLOT DATE = 2/14/2022	DATE - 2/14/2022	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

SCALE: SHEET 1 OF 8 SHEETS

F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(06-1HB-2 & 06-2HB)BR	BUREAU	202	3
CONTRACT NO. 66K73			ILLINOIS FED. AID PROJECT	

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE	
				NHPP 90% FED / 10% STATE	NHPP 90% FED / 10% STATE
				BRIDGE	BRIDGE
				0010	0010
				006-0190	006-0191
40200500	AGGREGATE SURFACE COURSE, TYPE A 6"	SQ YD	238	165	73
40602978	HOT-MIX ASPHALT BINDER COURSE, IL- 9.5, N50	TON	875	589	286
40604050	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "C", N50	TON	775	525	250
42000070	PAVEMENT CONNECTOR (HMA) FOR BRIDGE APPROACH SLAB	SQ YD	243	112	131
44004250	PAVED SHOULDER REMOVAL	SQ YD	528	281	247
48100500	AGGREGATE SHOULDERS, TYPE A 6"	SQ YD	4487	2518	1969
48100900	AGGREGATE SHOULDERS, TYPE A 10"	SQ YD	245	130	115
48203037	HOT-MIX ASPHALT SHOULDERS, 10"	SQ YD	570	300	270
50100300	REMOVAL OF EXISTING STRUCTURES NO. 1	EACH	1	1	
50100400	REMOVAL OF EXISTING STRUCTURES NO. 2	EACH	1		1
50104400	CONCRETE HEADWALL REMOVAL	EACH	4	2	2
50105220	PIPE CULVERT REMOVAL	FOOT	200	73	127
50157300	PROTECTIVE SHIELD	SQ YD	931	475	456
50200100	STRUCTURE EXCAVATION	CU YD	559	319	240

* SPECIALTY ITEM

PROJECT NO.: #P06E000007100
 PROJ. CONTACT: #P06E000007100
 FILE NAME: D06E000710-Summary.dgn
 PLOT NUMBER: 06E000710
 PEN TABLE: #PEN TABLE



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	DRAWN - MDB	REVISED -
PLOT SCALE = 100.0000" / in.	CHECKED -	REVISED -
PLOT DATE = 2/14/2022	DATE - 2/14/2022	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

SCALE: SHEET 2 OF 8 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(06-1HB-2 & 06-2HB)BR	BUREAU	202	4
CONTRACT NO.			66K73	
ILLINOIS FED. AID PROJECT				

PROJECT NO.: #PROM000007100
 PROJ. CONTACT: #PROM000007100
 FILE NAME: D06K73-SHTY-Summary.dgn
 PLOT NUMBER: 000007100
 PEN TABLE: #PEN_TABLE*

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE	
				NHPP 90% FED / 10% STATE	NHPP 90% FED / 10% STATE
				BRIDGE	BRIDGE
				0010	0010
				006-0190	006-0191
50300225	CONCRETE STRUCTURES	CU YD	278.3	141.3	137.0
50300255	CONCRETE SUPERSTRUCTURE	CU YD	599.4	280.2	319.2
50300260	BRIDGE DECK GROOVING	SQ YD	1858	897	961
50300300	PROTECTIVE COAT	SQ YD	2431	1165	1266
50301350	CONCRETE SUPERSTRUCTURE (APPROACH SLAB)	CU YD	178.2	83.8	94.4
50500105	FURNISHING AND ERECTING STRUCTURAL STEEL	L SUM	1	0.5	0.5
50500505	STUD SHEAR CONNECTORS	EACH	5550	2688	2862
50800205	REINFORCEMENT BARS, EPOXY COATED	POUND	251695	117975	133720
51100100	SLOPE WALL 4 INCH	SQ YD	757	352	405
51200959	FURNISHING METAL SHELL PILES 14" X 0.312"	FOOT	1294		1294
51200961	FURNISHING METAL SHELL PILES 16" X 0.312"	FOOT	1023	1023	
51202305	DRIVING PILES	FOOT	2317	1023	1294
51203200	TEST PILE METAL SHELLS	EACH	6	3	3
51204650	PILE SHOES	EACH	57	27	30

* SPECIALTY ITEM



USER NAME = amonocchio	DESIGNED - MDB	REVISED -
PLOT SCALE = 100.0000" / in.	DRAWN - MDB	REVISED -
PLOT DATE = 2/14/2022	CHECKED -	REVISED +
	DATE - 2/14/2022	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

SCALE: SHEET 3 OF 8 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(06-1HB-2 & 06-2HB)BR	BUREAU	202	5
CONTRACT NO. 66K73			ILLINOIS FED. AID PROJECT	

PROJECT NO.: #PROF060821018
 PROD. CONTACT: #PROGRAMMERS
 FILE NAME: 06BK73-SHT-Summary.dgn
 PEN TABLE: #PEN_TABLE\$

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE	
				NHPP 90% FED / 10% STATE	NHPP 90% FED / 10% STATE
				BRIDGE	BRIDGE
				0010	0010
				006-0190	006-0191
51500100	NAME PLATES	EACH	2	1	1
52100010	ELASTOMERIC BEARING ASSEMBLY, TYPE I	EACH	12	6	6
52100520	ANCHOR BOLTS, 1"	EACH	60	36	24
52100540	ANCHOR BOLTS, 1 1/2"	EACH	12		12
542A1069	PIPE CULVERTS, CLASS A, TYPE 2 24"	FOOT	24	4	20
542A1081	PIPE CULVERTS, CLASS A, TYPE 2 36"	FOOT	20	20	
542A5470	PIPE CULVERTS, CLASS A, TYPE 1 EQUIVALENT ROUND-SIZE 15"	FOOT	52		52
542C0220	PIPE CULVERTS, CLASS C, TYPE 1 15"	FOOT	36	36	
542C0223	PIPE CULVERTS, CLASS C, TYPE 1 18"	FOOT	245	145	100
54213447	END SECTIONS 12"	EACH	8	4	4
54213450	END SECTIONS 15"	EACH	2	2	
54213453	END SECTIONS 18"	EACH	6	4	2
54213459	END SECTIONS 24"	EACH	2		2
54213471	END SECTIONS 36"	EACH	2	2	

* SPECIALTY ITEM



USER NAME = amonocchlo
 PLOT SCALE = 100,0000' / in.
 PLOT DATE = 2/14/2022

DESIGNED - MDB
 DRAWN - MDB
 CHECKED -
 DATE - 2/14/2022

REVISED -
 REVISED -
 REVISED -
 REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

SCALE: SHEET 4 OF 8 SHEETS

F.A.J. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(06-1HB-2 & 06-2HB)BR	BUREAU	202	6
CONTRACT NO.			66K73	
ILLINOIS FED. AID PROJECT				

PROJECT NO.: #P06E00067100*
 PROJ. CONTACT: #P06E00067100*
 FILE NAME: D06E0073-S071-Summary.dgn
 PLOT NUMBER: 1
 PEN TABLE: #PEN_TABLE*

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE	
				NHPP 90% FED / 10% STATE	NHPP 90% FED / 10% STATE
				BRIDGE	BRIDGE
				0010	0010
				006-0190	006-0191
54214290	END SECTIONS, EQUIVALENT ROUND-SIZE 15"	EACH	2		2
58600101	GRANULAR BACKFILL FOR STRUCTURES	CU YD	276.4	124.4	152
59100100	GEOCOMPOSITE WALL DRAIN	SQ YD	124.1	46.1	78
60100060	CONCRETE HEADWALLS FOR PIPE DRAINS	EACH	4	2	2
60100945	PIPE DRAINS 12"	FOOT	268	119	149
61000335	TYPE G INLET BOX, STANDARD 610001	EACH	8	4	4
* 63000001	STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS	FOOT	4125	2225	1900
* 63000003	STEEL PLATE BEAM GUARDRAIL, TYPE A, 9 FOOT POSTS	FOOT	375		375
* 63100045	TRAFFIC BARRIER TERMINAL, TYPE 2	EACH	4	2	2
* 63100085	TRAFFIC BARRIER TERMINAL, TYPE 6	EACH	8	4	4
* 63100167	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	EACH	12	6	6
63200310	GUARDRAIL REMOVAL	FOOT	4009	1770	2239
64200116	SHOULDER RUMBLE STRIPS, 16 INCH	FOOT	505	265	240
64300450	IMPACT ATTENUATORS (NON-REDIRECTIVE), TEST LEVEL 3	EACH	4	2	2

* SPECIALTY ITEM



USER NAME = amonocchio
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 DRAWN - MDB
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REVISED -
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 REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

SCALE: SHEET 5 OF 8 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(06-1HB-2 & 06-2HB)BR	BUREAU	202	7
CONTRACT NO. 66K73			ILLINOIS FED. AID PROJECT	

PROJECT NO.: #P06E00067100
 PROJ. CONTACT: #P06E00067100
 FILE NAME: 026877-2-SHT-Summary.dgn
 PLOT NUMBER: 1
 PEN TABLE: #PEN_TABLE*

DLZ



USER NAME = amonocchio	DESIGNED - MDB	REVISED -
	DRAWN - MDB	REVISED -
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PLOT DATE = 2/14/2022	DATE - 2/14/2022	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

SCALE: SHEET 6 OF 8 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(06-1HB-2 & 06-2HB)BR	BUREAU	202	8
CONTRACT NO. 66K73			ILLINOIS FED. AID PROJECT	

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE	
				NHPP 90% FED / 10% STATE	NHPP 90% FED / 10% STATE
				BRIDGE	BRIDGE
				0010	0010
				006-0190	006-0191
64301090	ATTENUATOR BASE	SQ YD	110	55	55
66500105	WOVEN WIRE FENCE, 4'	FOOT	380	195	185
* 66900200	NON-SPECIAL WASTE DISPOSAL	CU YD	350	350	
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	6	3	3
* 66901001	REGULATED SUBSTANCES PRE-CONSTRUCTION PLAN	L SUM	1	1	
67100100	MOBILIZATION	L SUM	1	0.5	0.5
* 66901006	REGULATED SUBSTANCES MONITORING	CAL DA	3	3	
70100207	TRAFFIC CONTROL AND PROTECTION, STANDARD 701402	EACH	2	1	1
* 66901003	REGULATED SUBSTANCES FINAL CONSTRUCTION REPORT	L SUM	1	1	
70100700	TRAFFIC CONTROL AND PROTECTION, STANDARD 701406	L SUM	1	0.5	0.5
* 66900530	SOIL DISPOSAL ANALYSIS	EACH	1	1	
70100820	TRAFFIC CONTROL AND PROTECTION, STANDARD 701451	L SUM	1	0.5	0.5
70107025	CHANGEABLE MESSAGE SIGN	CAL DA	180	90	90
70200100	NIGHTTIME WORK ZONE LIGHTING	L SUM	1	0.5	0.5
70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SQ FT	5600	2800	2800
70307120	TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV TAPE	FOOT	16800	8400	8400
70400100	TEMPORARY CONCRETE BARRIER	FOOT	1250	625	625
70400200	RELOCATE TEMPORARY CONCRETE BARRIER	FOOT	3650	1825	1825
70600250	IMPACT ATTENUATORS, TEMPORARY (NON- REDIRECTIVE), TEST LEVEL 3	EACH	2	1	1

* SPECIALTY ITEM

PROJECT NO.: #P06E00067100
 PROJ. CONTACT: #P06E00067100
 FILE NAME: D06E00067100-Summary.dgn
 PLOT NUMBER: 06E00067100
 PEN TABLE: #PEN_TABLE

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE	
				NHPP 90% FED / 10% STATE	NHPP 90% FED / 10% STATE
				BRIDGE	BRIDGE
				0010	0010
				006-0190	006-0191
70600350	IMPACT ATTENUATORS, RELOCATE (NON- REDIRECTIVE), TEST LEVEL 3	EACH	6	3	3
* 72000100	SIGN PANEL - TYPE 1	SQ FT	90	50	40
* 72400500	RELOCATE SIGN PANEL ASSEMBLY - TYPE A	EACH	1	1	
* 72501000	TERMINAL MARKER - DIRECT APPLIED	EACH	12	6	6
* 73000100	WOOD SIGN SUPPORT	FOOT	210	120	90
* 78008210	POLYUREA PAVEMENT MARKING TYPE 1 - LINE 4"	FOOT	11796	6485	5311
* 78008230	POLYUREA PAVEMENT MARKING TYPE 1 - LINE 6"	FOOT	410	410	0
* 78200005	GUARDRAIL REFLECTORS, TYPE A	EACH	59	28	31
X0327809	LINEAR DELINEATOR PANELS, 4 INCH	EACH	67	34	33
X1200234	SHOULDER INLET WITH CURB	EACH	8	4	4
X6430120	REMOVE IMPACT ATTENUATORS, NO SALVAGE	EACH	4	2	2
X6431110	REMOVE ATTENUATOR BASE	EACH	4	2	2
X7010216	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	L SUM	1	0.5	0.5
Z0013798	CONSTRUCTION LAYOUT	L SUM	1	0.5	0.5

* SPECIALTY ITEM



USER NAME = amonocchio	DESIGNED - MDB	REVISED -
	DRAWN - MDB	REVISED -
PLOT SCALE = 100.0000" / in.	CHECKED -	REVISED -
PLOT DATE = 2/14/2022	DATE - 2/14/2022	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

SCALE: SHEET 7 OF 8 SHEETS

F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(06-1HB-2 & 06-2HB)BR	BUREAU	202	9
CONTRACT NO. 66K73				
ILLINOIS FED. AID PROJECT				

PROJECT NO.: #PR06E00067100
 PROJ. CONTACT: #PR06E00067100
 FILE NAME: D06K73-SHT-Summary.dgn
 PLOT NUMBER: 10
 PEN TABLE: #PEN_TABLE

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE	
				NHPP 90% FED / 10% STATE	NHPP 90% FED / 10% STATE
				BRIDGE	BRIDGE
				0010	0010
				006-0190	006-0191
Z0016702	DETOUR SIGNING	L SUM	1	0.5	0.5
Z0022800	FENCE REMOVAL	FOOT	429	220	209
Z0030850	TEMPORARY INFORMATION SIGNING	SQ FT	84	42	42
60146304	PIPE UNDERDRAINS FOR STRUCTURES 4"	FOOT	284.8	137.8	147
∅ Z0076600	TRAINEES	HOUR	1,000	1,000	
∅ Z0076604	TRAINEES - TRAINING PROGRAM GRADUATE	HOUR	1,000	1,000	

∅ 0042

* SPECIALTY ITEM

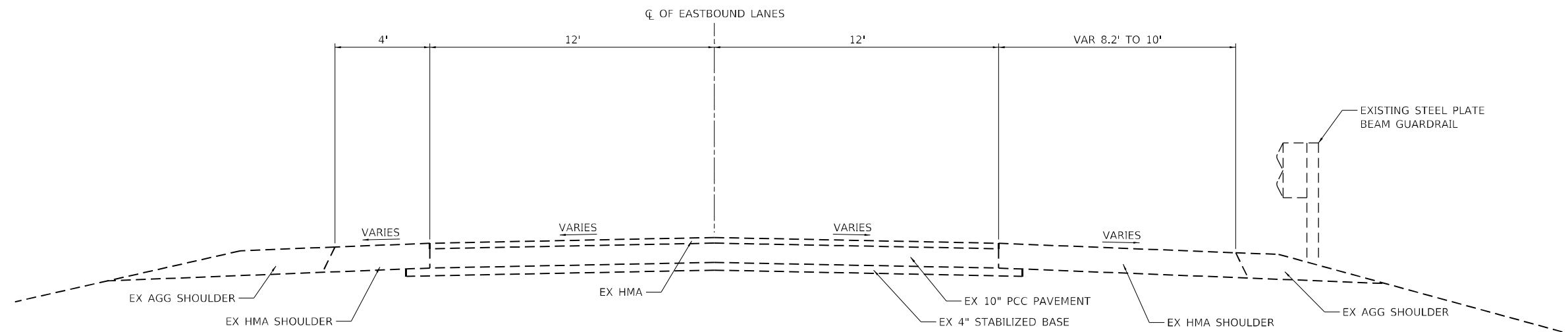


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	DRAWN - MDB	REVISED -
PLOT SCALE = 100.0000" / in.	CHECKED -	REVISED +
PLOT DATE = 2/14/2022	DATE - 2/14/2022	REVISED +

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

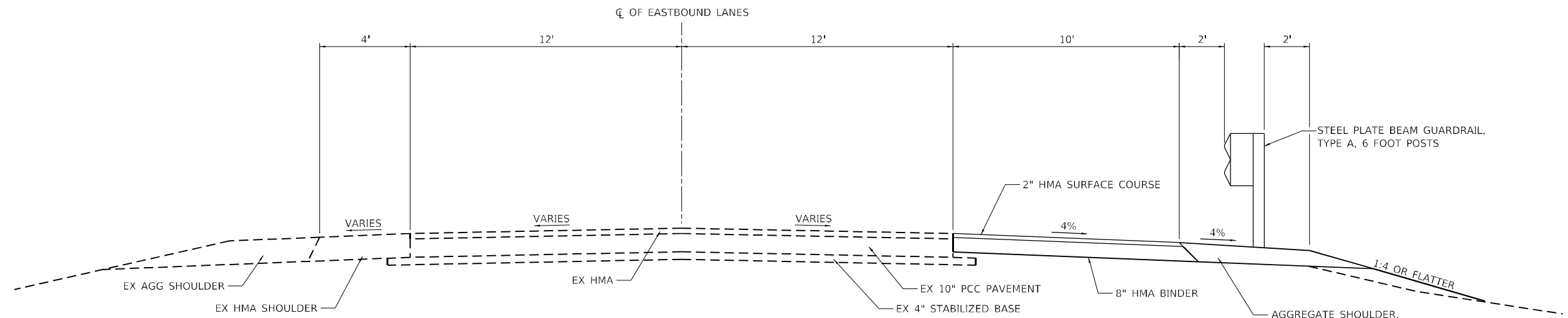
SUMMARY OF QUANTITIES	
SCALE:	SHEET 8 OF 8 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(06-1HB-2 & 06-2HB)BR	BUREAU	202	10
CONTRACT NO.			66K73	
ILLINOIS FED. AID PROJECT				



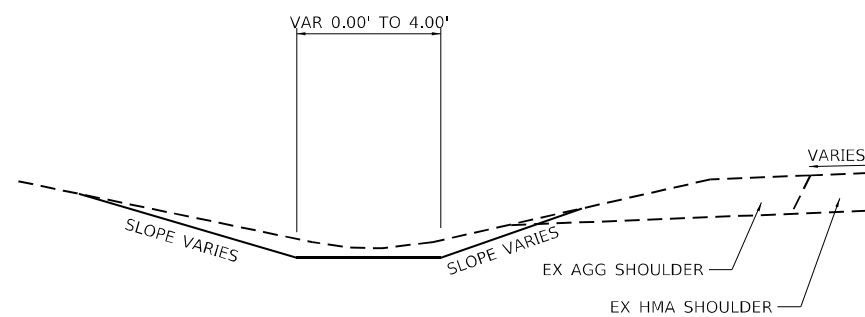
EXISTING TYPICAL SECTION

EB I-80 STA 251+98.55 TO STA 253+13.36
 WB I-80 STA 251+75.68 TO STA 253+00.88 (SECTION MIRRORED)
 EB I-80 STA 341+92.16 TO STA 343+02.62
 WB I-80 STA 341+77.72 TO STA 343+32.06 (SECTION MIRRORED)



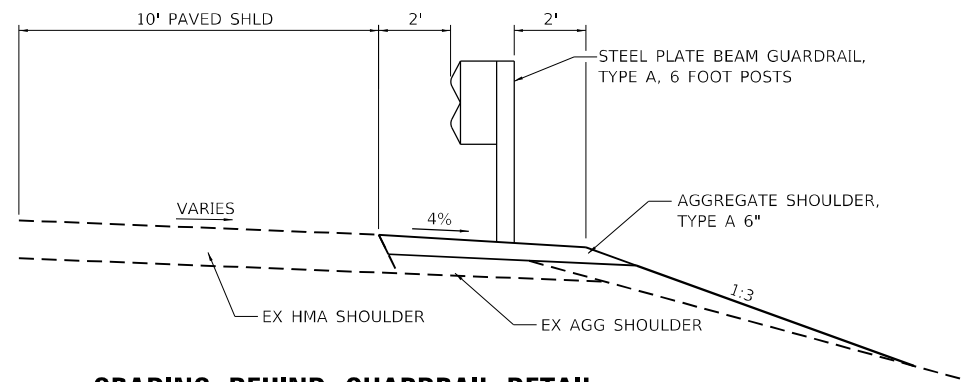
PROPOSED TYPICAL SECTION

EB I-80 STA 251+98.55 TO STA 253+13.36
 WB I-80 STA 251+75.68 TO STA 253+00.88 (SECTION MIRRORED)
 EB I-80 STA 341+92.16 TO STA 343+02.62
 WB I-80 STA 341+77.72 TO STA 343+32.06 (SECTION MIRRORED)



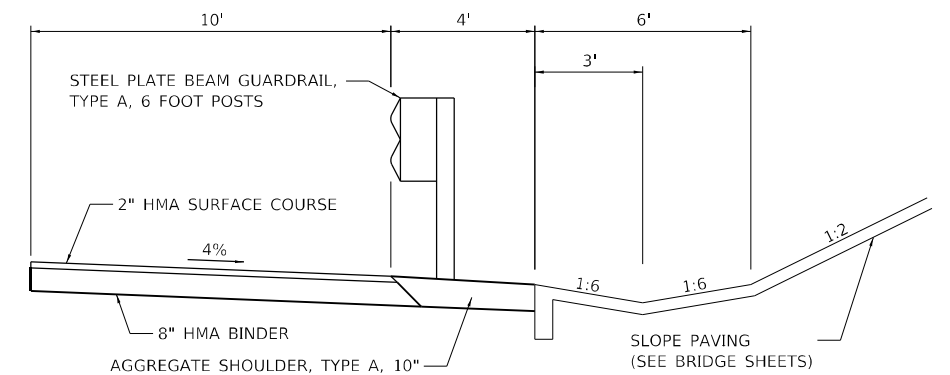
MEDIAN DITCH DETAIL

I-80 STA 251+74.05 TO STA 252+37.11
 I-80 STA 252+56.93 TO STA 254+00.07
 I-80 STA 342+70.86 TO STA 343+46.27



GRADING BEHIND GUARDRAIL DETAIL

EB I-80 STA 248+85.81 TO STA 251+98.55
 WB I-80 STA 253+00.89 TO STA 256+17.74 (SECTION MIRRORED)
 EB I-80 STA 338+95.62 TO STA 341+92.15
 WB I-80 STA 343+32.06 TO STA 345+65.96 (SECTION MIRRORED)



GUARDRAIL AT SLOPE PAVING DETAIL

EB I-80 STA 252+42.11 TO STA 252+87.02
 WB I-80 STA 252+08.75 TO STA 252+53.83 (SECTION MIRRORED)
 EB I-80 STA 342+25.27 TO STA 342+63.46
 WB I-80 STA 342+13.72 TO STA 342+51.53 (SECTION MIRRORED)

PROJECT NO.: #P06F080801010
 PROD. CONTACT: #P06F080801010
 FILE NAME: 066K73-SHT1-TYPICALS.DGN
 PEN TABLE: #PENL TABLES



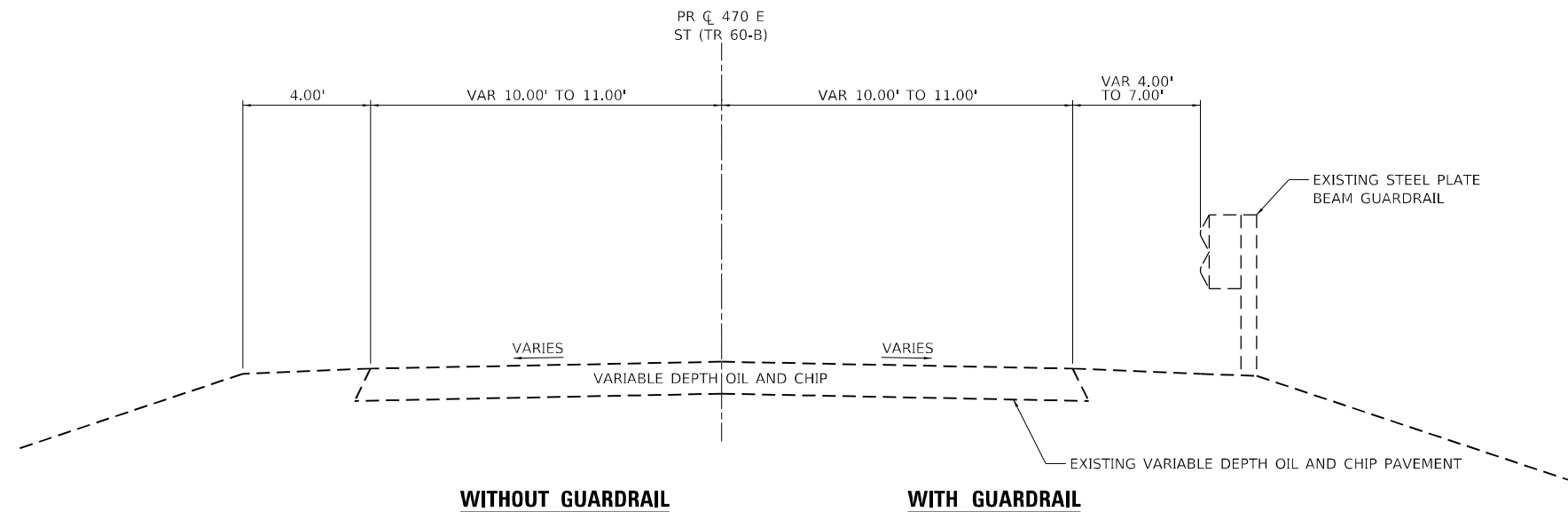
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PLOT SCALE = 5.3333' / in.	CHECKED - DW	REVISED -
PLOT DATE = 2/14/2022	DATE - 2/14/2022	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

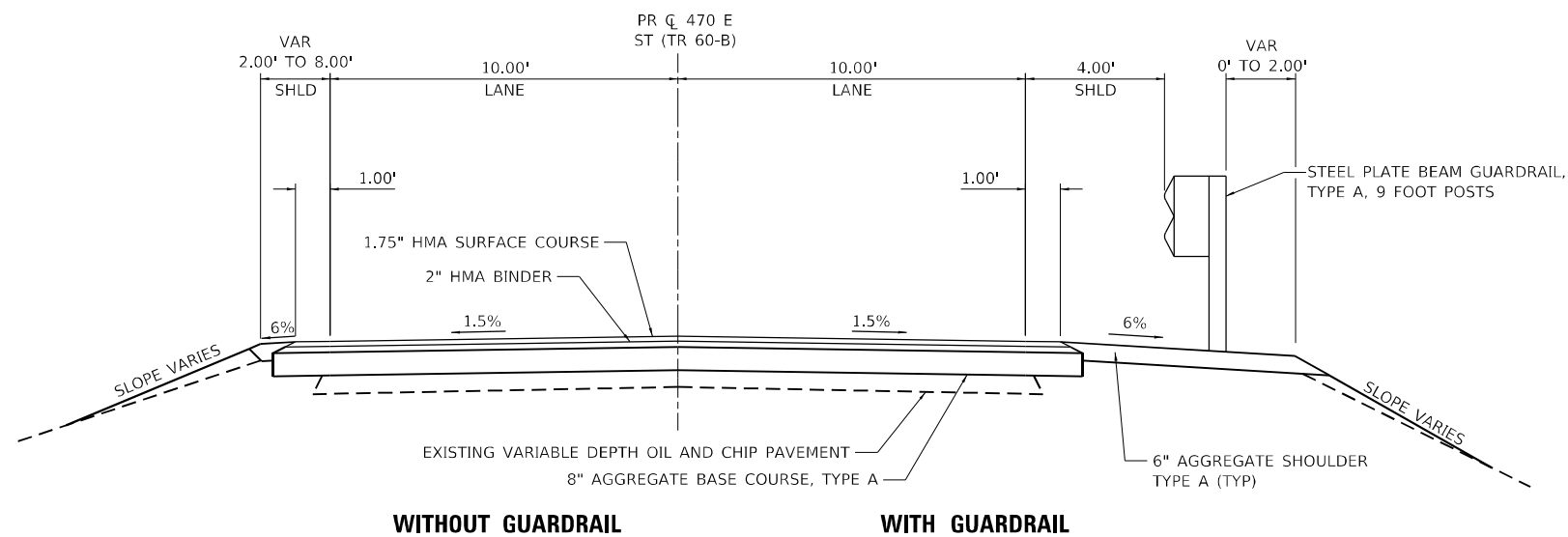
**TYPICAL SECTIONS
 I-80**

SCALE: SHEET 1 OF 6 SHEETS

F.A.J. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(06-1HB-2 & 06-2HB)BR	BUREAU	202	11
CONTRACT NO. 66K73			ILLINOIS FED. AID PROJECT	



EXISTING TYPICAL SECTION
 470 E ST STA 11+30.50 (POB) TO STA 18+79.01
 470 E ST STA 20+99.82 TO STA 26+72.00 (POE)



PROPOSED TYPICAL SECTION
 PR 470 E ST STA 11+30.50 (POB) TO STA 12+83.00
 PR 470 E ST STA 22+16.00 TO STA 24+69.96

PROJECT NO.: #PR06F0000270108
 PROJ. CONTACT: #PR06F0000270108
 FILE NAME: 066K73-SHT-1-Typical.dgn
 PEN TABLE: #PEN_TABLE\$



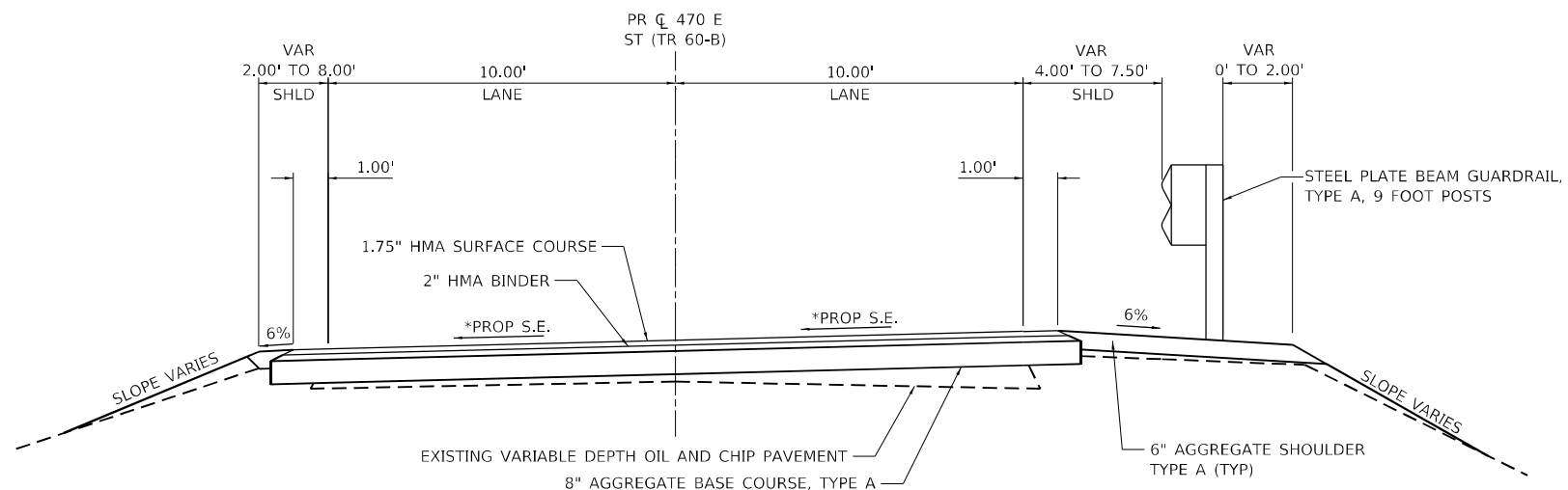
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PLOT SCALE = 5.3333' / in.	CHECKED - DW	REVISED -
PLOT DATE = 2/14/2022	DATE - 2/14/2022	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS
 470 E ST

SCALE: SHEET 2 OF 6 SHEETS

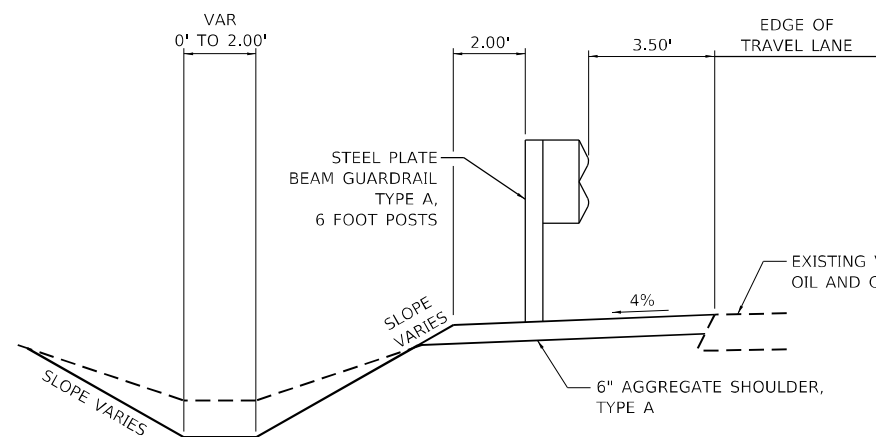
F.A.J. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(06-1HB-2 & 06-2HB)BR	BUREAU	202	12
CONTRACT NO.			66K73	
ILLINOIS FED. AID PROJECT				



WITHOUT GUARDRAIL **WITH GUARDRAIL**

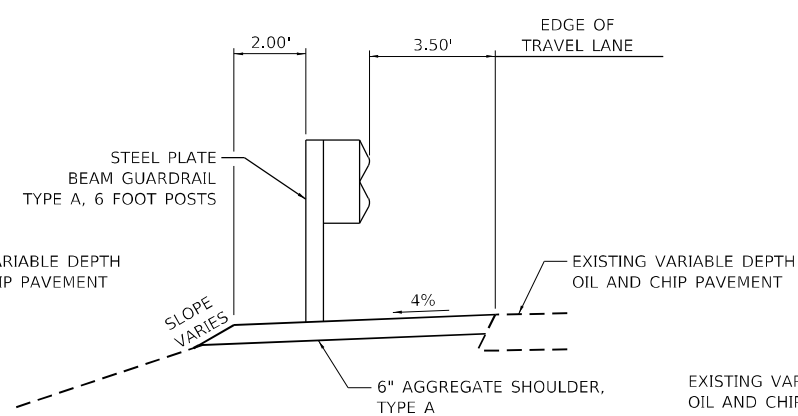
PROPOSED SUPERELEVATION TYPICAL SECTION

PR 470 E ST STA 12+83.00 TO STA 18+25.33
 PR 470 E ST STA 21+56.62 TO STA 22+16.00



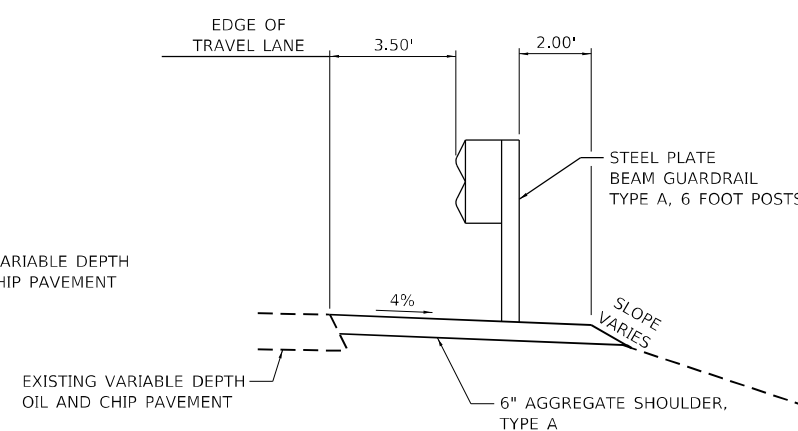
SHOULDER RESURFACING WITH GUARDRAIL AND DITCH DETAIL

PR 470 E ST STA 25+50.00 TO STA 25+90.38



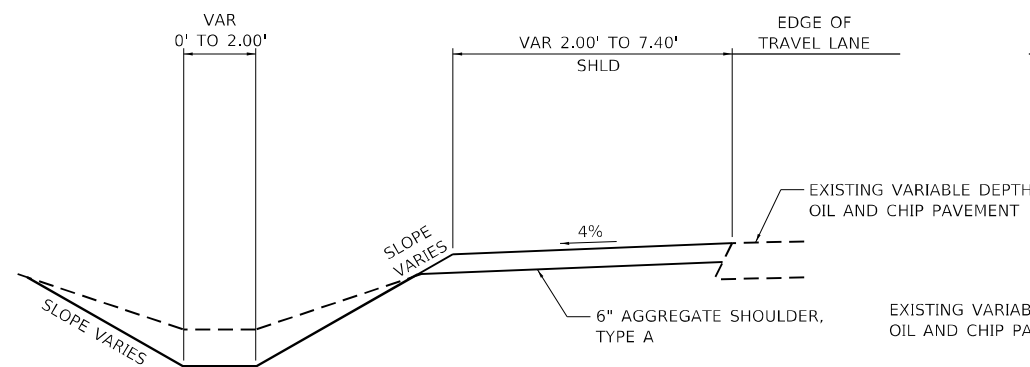
SHOULDER RESURFACING WITH GUARDRAIL DETAIL

PR 470 E ST STA 24+69.96 TO STA 25+50.00



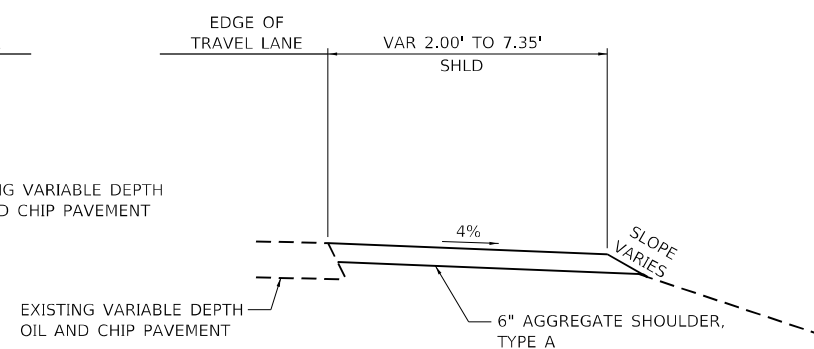
SHOULDER RESURFACING WITH GUARDRAIL DETAIL

PR 470 E ST STA 24+69.96 TO STA 25+31.15



SHOULDER RESURFACING WITH DITCH DETAIL

PR 470 E ST STA 25+90.38 TO STA 26+98.68 (POE)



SHOULDER RESURFACING DETAIL

PR 470 E ST STA 25+31.15 TO STA 25+81.15

* SEE ROADWAY DETAIL SHEETS FOR PROPOSED SUPERELEVATION DIAGRAMS

PROJECT NO.: #PR06F000027108
 PROD. CONTACT: #PR06F000027108
 FILE NAME: 066K73-SHT-1.dwg
 PEN TABLE: #PENL TABLE



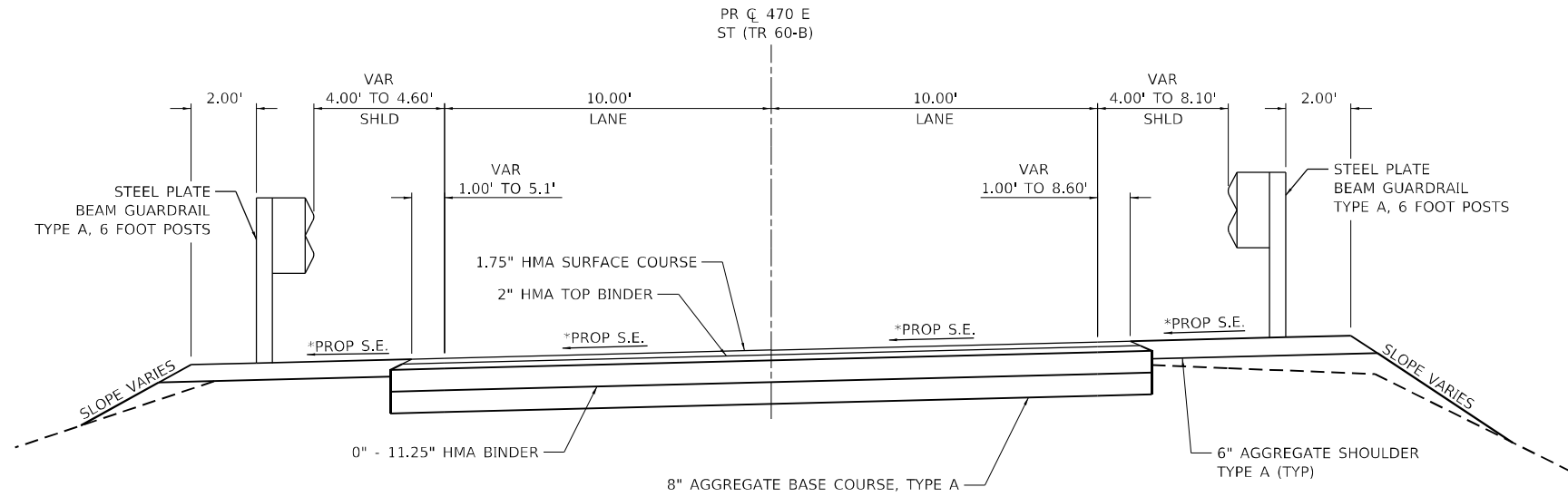
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PLOT SCALE = 5.3333' / in.	DRAWN - AMM	REVISED -
PLOT DATE = 2/14/2022	CHECKED - DW	REVISED -
	DATE - 2/14/2022	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**TYPICAL SECTIONS
 470 E ST**

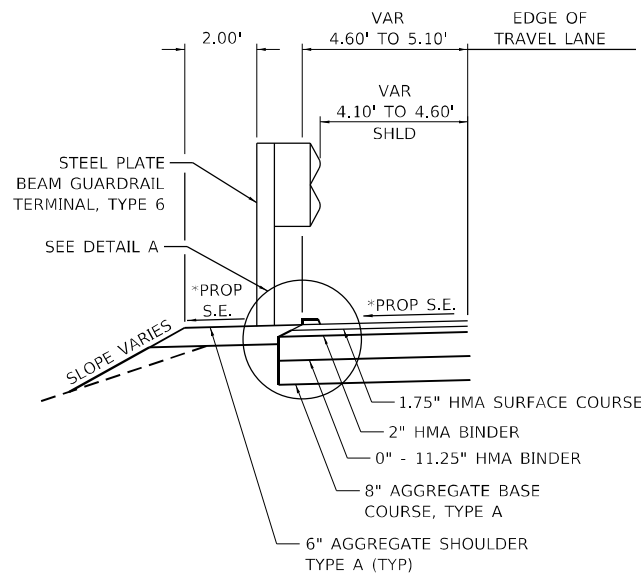
SCALE: SHEET 3 OF 6 SHEETS

F.A.J. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(06-1HB-2 & 06-2HB)BR	BUREAU	202	13
CONTRACT NO.			66K73	
ILLINOIS FED. AID PROJECT				



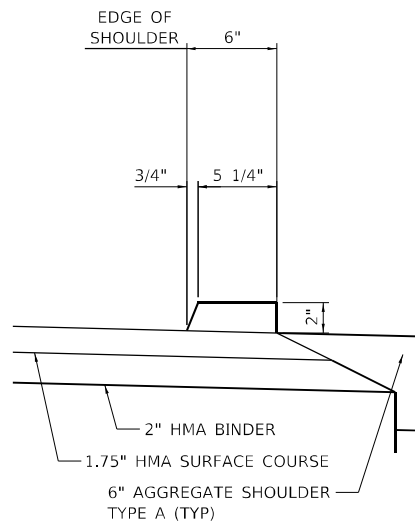
PROPOSED BRIDGE APPROACH PAVEMENT CONNECTOR TYPICAL SECTION

PR 470 E ST STA 18+25.33 STA 18+47.04
 PR 470 E ST STA 21+29.80 TO STA 21+56.62



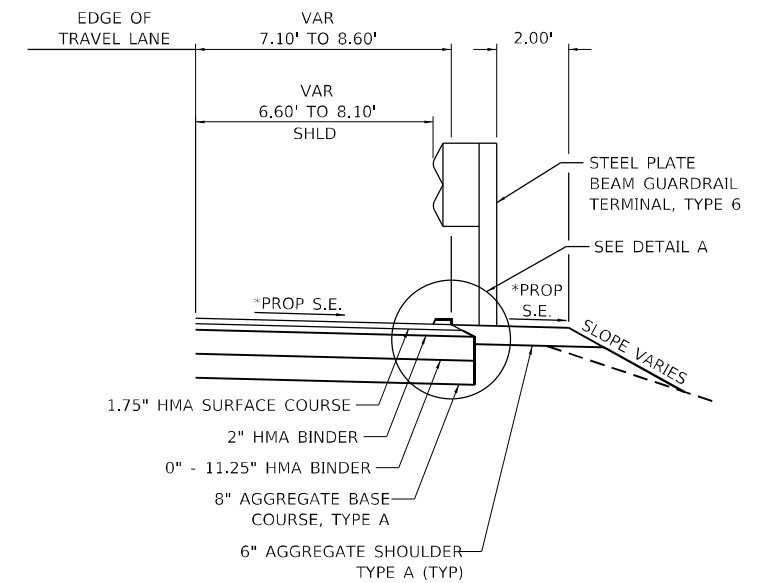
CURB DETAIL

PR 470 E ST STA 18+39.99 TO STA 18+47.04
 PR 470 E ST STA 21+39.57 TO STA 21+46.60



DETAIL A

EX 470 E ST STA 18+35.33 TO STA 18+42.26 RT
 PR 470 E ST STA 18+39.99 TO STA 18+47.04 LT
 EX 470 E ST STA 21+29.80 TO STA 21+36.74 RT
 PR 470 E ST STA 21+39.57 TO STA 21+46.60 LT
 FOR SHOULDER INLET BOX WITH CURB INSTALLATION



CURB DETAIL

EX 470 E ST STA 18+35.33 TO STA 18+42.26
 EX 470 E ST STA 21+29.80 TO STA 21+36.74

* SEE ROADWAY DETAIL SHEETS FOR PROPOSED SUPERELEVATION DIAGRAMS

PROJECT NO.: #PR06F000021010
 PROD. CONTACT: #PR06F000021010
 FILE NAME: 066817-2-SHT-TYPICALS.dgn
 PEN TABLE: #PEN_TABLE\$



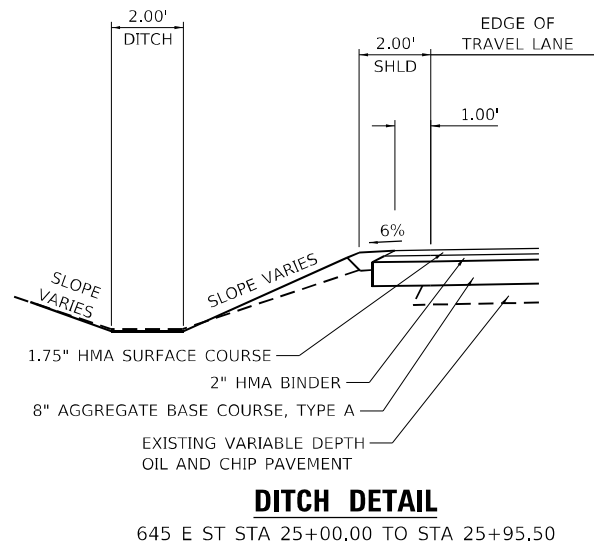
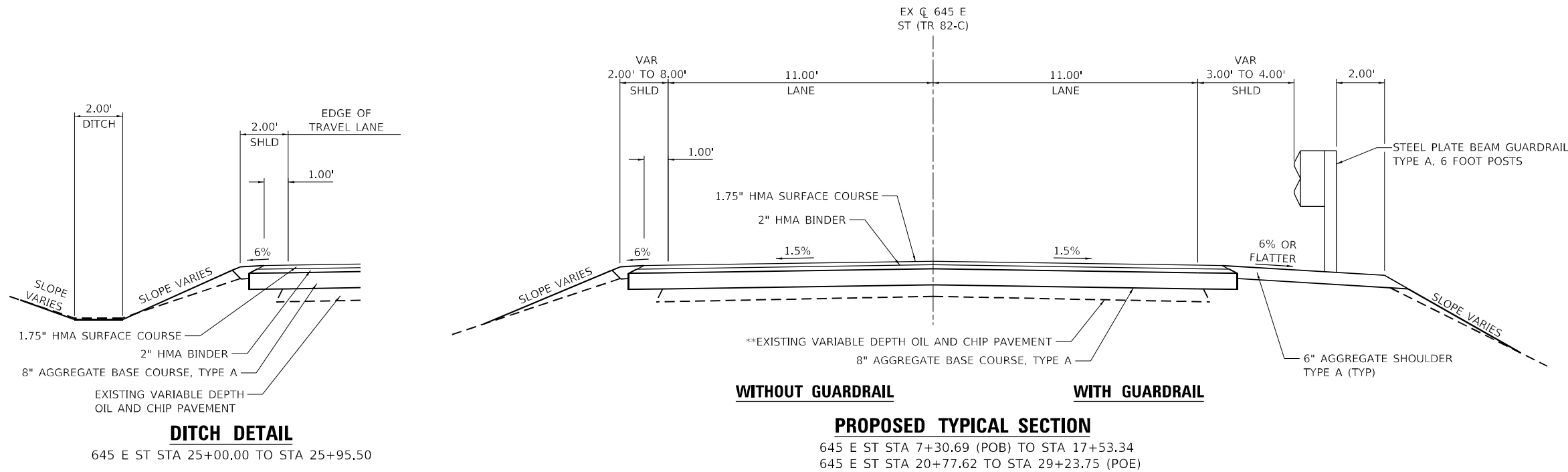
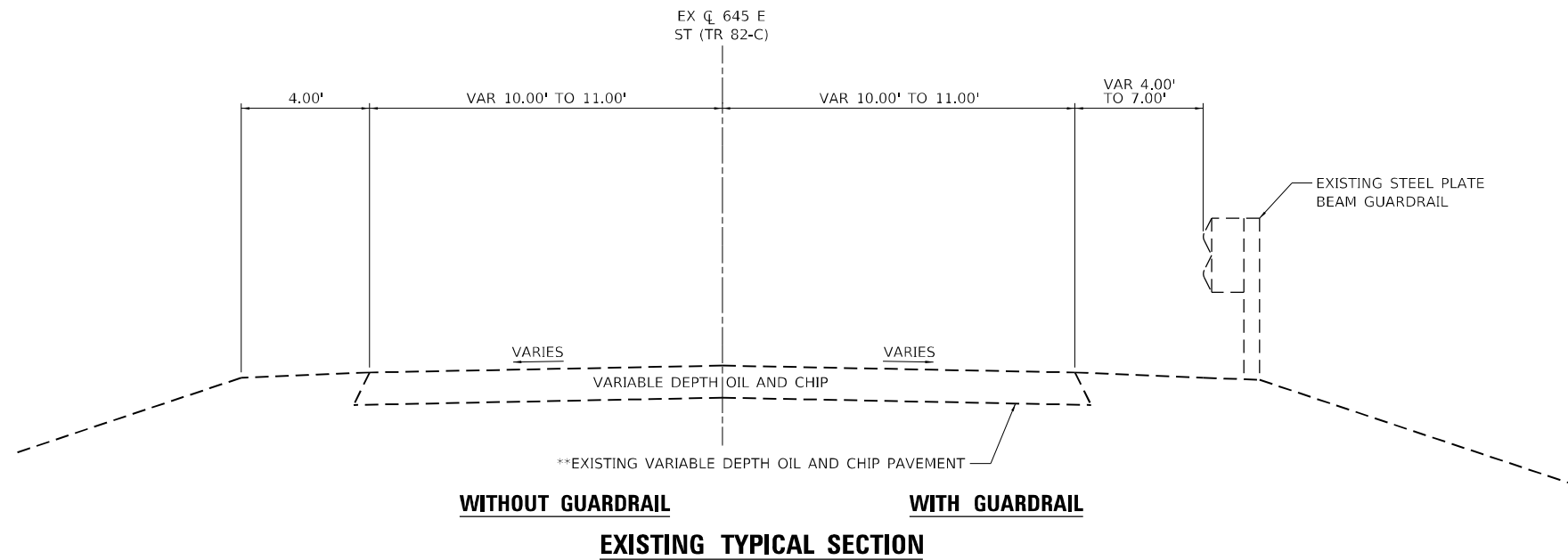
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	DRAWN - AMM	REVISED -
PLOT SCALE = 5.3333' / in.	CHECKED - DW	REVISED -
PLOT DATE = 2/14/2022	DATE - 2/14/2022	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS
 470 E ST

SCALE: SHEET 4 OF 6 SHEETS

F.A.J. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(06-1HB-2 & 06-2HB)BR	BUREAU	202	14
CONTRACT NO.			66K73	
ILLINOIS FED. AID PROJECT				



** TOWNSHIP SUPERVISOR INDICATED THAT THERE MAY BE A 2" HMA LIFT BETWEEN OIL AND CHIP LAYERS.

PROJECT NO.: #PROJ6660821018
 PROD. CONTACT: #PROJ6660821018
 FILE NAME: 06660821018.dgn
 PEN TABLE: #PENL TABLES



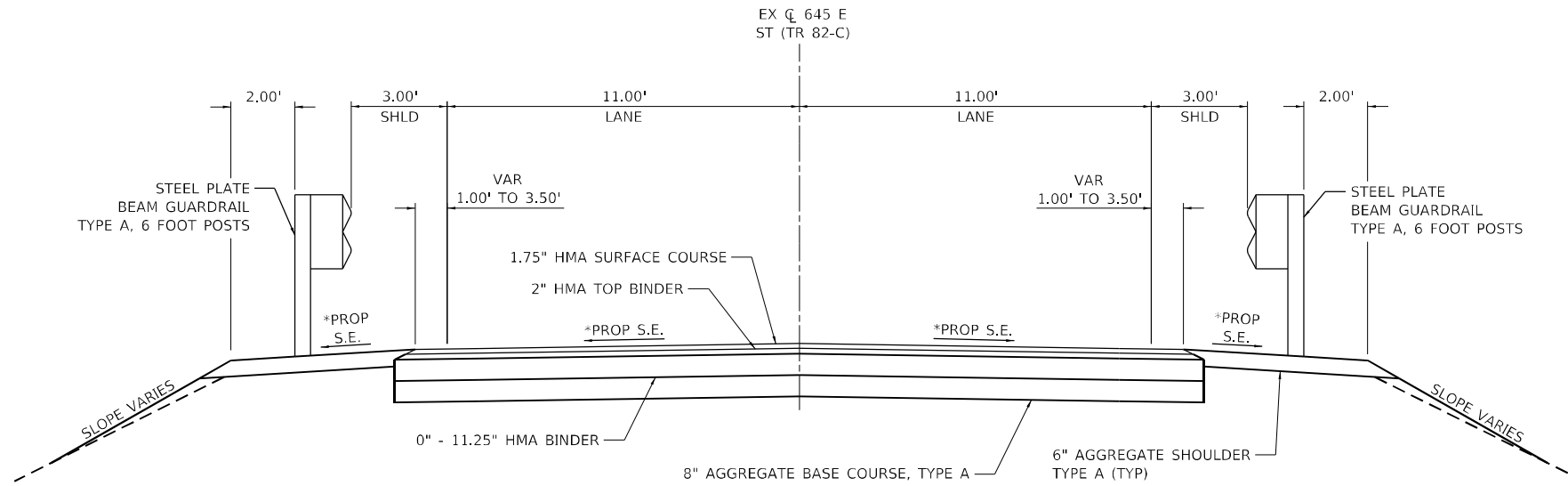
USER NAME = amonocchlo	DESIGNED -	REVISED -
PLOT SCALE = 5.3333' / in.	DRAWN -	REVISED -
PLOT DATE = 2/14/2022	CHECKED -	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS
645 E ST

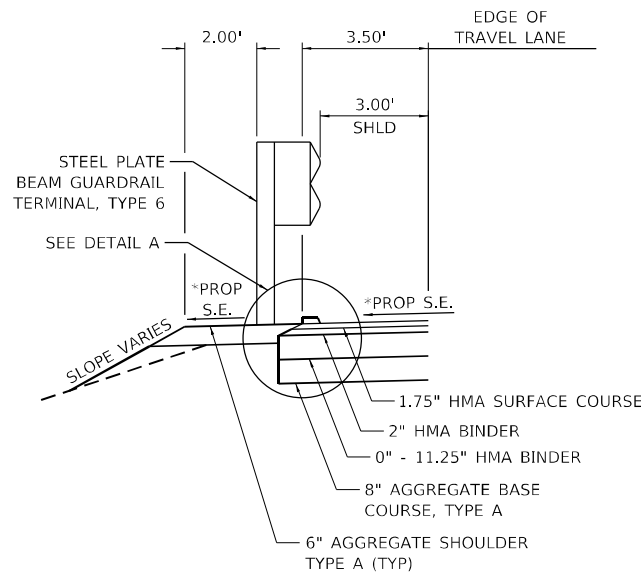
SCALE: SHEET 5 OF 6 SHEETS

F.A.J. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(06-1HB-2 & 06-2HB)BR	BUREAU	202	15
CONTRACT NO. 66K73				
ILLINOIS FED. AID PROJECT				



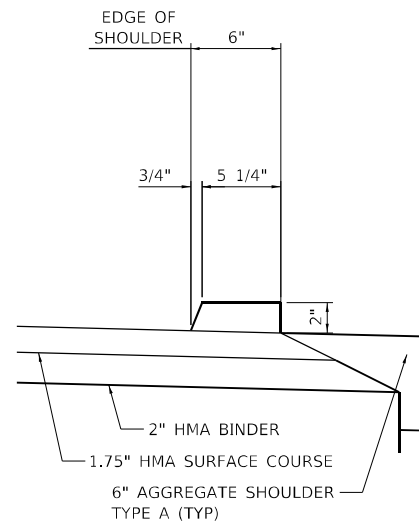
PROPOSED BRIDGE APPROACH PAVEMENT CONNECTOR TYPICAL SECTION

EX 645 E ST STA 17+53.34 TO STA 17+72.63
 EX 645 E ST STA 20+58.33 TO STA 20+77.62



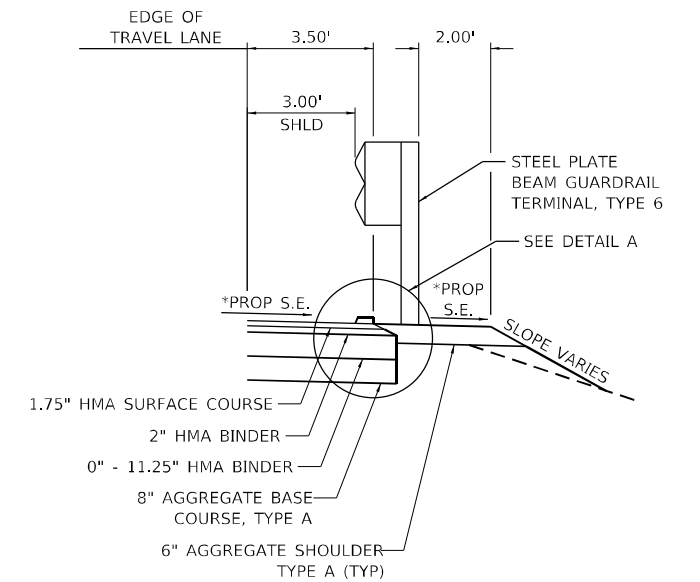
CURB DETAIL

EX 645 E ST STA 17+65.63 TO STA 17+72.63
 EX 645 E ST STA 20+60.62 TO STA 20+67.62



DETAIL A

EX 645 E ST STA 17+63.34 TO STA 17+70.38 RT
 EX 645 E ST STA 17+65.63 TO STA 17+72.63 LT
 EX 645 E ST STA 20+58.33 TO STA 20+65.33 RT
 EX 645 E ST STA 20+60.62 TO STA 20+67.62 LT
 FOR SHOULDER INLET BOX WITH CURB INSTALLATION



CURB DETAIL

EX 645 E ST STA 17+63.34 TO STA 17+70.38
 EX 645 E ST STA 20+58.33 TO STA 20+65.33

* SEE ROADWAY DETAIL SHEETS FOR PROPOSED SUPERELEVATION DIAGRAMS

PROJECT NO.: #PROJ660827108
 PROD. CONTACT: #PROJ660827108
 FILE NAME: 066827108-TYPICALS.dgn
 PEN TABLE: #PENL TABLES



USER NAME = amonocchlo	DESIGNED -	REVISED -
PLOT SCALE = 5.3333' / in.	DRAWN -	REVISED -
PLOT DATE = 2/14/2022	CHECKED -	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS
 645 E ST

SCALE: SHEET 6 OF 6 SHEETS

F.A.J. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(06-1HB-2 & 06-2HB)BR	BUREAU	202	16
CONTRACT NO.			66K73	
ILLINOIS FED. AID PROJECT				

TREE REMOVAL SCHEDULE				
TREE #	STATION	OFFSET	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	TREE REMOVAL (OVER 15 UNITS DIAMETER)
		FOOT	UNIT	UNIT
470 E ST				
2258	13+80	24.6 LT	10	
2505	16+96	49.6 LT	6	
2506	16+92	48.8 LT	6	
2507	16+88	48.0 LT	8	
2510	16+85	48.1 LT	7	
2513	17+10	50.7 LT	8	
2515	16+68	49.6 LT	5	
2516	16+63	43.0 LT	8	
2526	17+29	43.8 LT	7	
2527	17+29	48.2 LT	8	
2528	17+32	48.4 LT	6	
2529	17+38	33.4 LT	9	
2530	17+37	48.2 LT	9	
2531	17+44	41.3 LT	6	
2532	17+52	46.8 LT	6	
2533	17+43	53.5 LT	6	
2534	17+52	53.1 LT	8	
2768	19+00	19.3 LT	8	
2769	18+88	21.7 LT		18
2840	18+60	30.7 LT		27
2841	18+54	26.4 LT		18
2842	18+49	27.0 LT		26
2843	18+46	41.0 LT		18
2844	18+19	46.5 LT	6	
2846	18+12	43.2 LT	6	
2847	18+08	28.9 LT	6	
2848	17+80	34.8 LT	6	
2849	17+71	38.8 LT	6	
2850	17+65	35.5 LT	6	
2851	17+63	37.3 LT	6	
2852	17+51	42.2 LT	6	
2853	17+27	49.9 LT	6	
2854	17+56	28.5 LT	6	
2855	17+61	24.4 LT	6	
2856	17+19	26.1 LT	6	
2857	17+13	29.2 LT	6	
2858	17+15	29.8 LT	6	
2859	17+00	33.4 LT	6	
2995	21+41	33.4 LT		20
2996	21+41	29.4 LT	12	
2997	21+41	29.5 LT	15	
2998	22+03	31.7 LT		24
2999	21+87	37.6 LT		24
3001	21+27	43.4 LT	10	
3002	21+29	46.4 LT	10	
3003	21+24	37.9 LT	10	
3004	21+24	42.9 LT	9	
3085	23+76	27.0 LT	6	
3086	23+74	31.8 LT	8	
3087	23+71	33.4 LT	8	
3088	23+01	24.5 LT	8	
3089	23+00	26.0 LT	12	
3697	18+54	49.0 LT	12	
3698	18+57	47.2 LT	6	
3699	18+46	60.6 LT	8	
3897	18+70	55.3 RT	9	
4208	20+98	53.2 RT	12	
4209	20+97	53.3 RT	6	
4211	20+98	48.0 RT	6	
4389	21+15	50.8 LT	8	
4390	21+23	56.3 LT	11	
4392	21+23	56.1 LT	6	
4393	21+24	56.1 LT	11	
4394	21+24	56.8 LT	8	
4398	21+30	56.9 LT	10	
4399	21+29	57.2 LT	10	

TREE REMOVAL SCHEDULE				
TREE #	STATION	OFFSET	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	TREE REMOVAL (OVER 15 UNITS DIAMETER)
		FOOT	UNIT	UNIT
470 E ST				
4416	22+04	45.5 LT	11	
4417	22+06	42.8 LT	6	
4418	22+07	44.8 LT	10	
4419	22+09	45.8 LT	10	
4420	22+10	44.1 LT	6	
4421	21+83	48.5 LT	8	
4422	21+86	45.8 LT	6	
4423	21+87	46.6 LT	6	
4424	21+78	49.2 LT	6	
4427	21+82	48.5 LT	6	
4428	21+71	49.7 LT	8	
4540	21+45	55.6 RT	14	
4541	21+45	54.7 RT	8	
4542	21+45	51.7 RT	12	
4543	21+36	58.8 RT	13	
4544	21+35	57.5 RT	7	
4546	21+36	60.5 RT	8	
4547	21+29	61.1 RT	13	
4557	21+60	49.8 RT	12	
4560	21+72	51.0 RT	15	
4694	18+01	51.8 LT	8	
4695	17+97	50.5 LT	8	
4697	18+18	50.0 LT	12	
TOTALS			645	175

TREE REMOVAL SCHEDULE				
TREE #	STATION	OFFSET	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	TREE REMOVAL (OVER 15 UNITS DIAMETER)
		FOOT	UNIT	UNIT
645 E ST				
5920	17+45	40.8 RT	7	
5921	17+42	38.1 RT		18
5966	17+81	34.9 LT	14	
6191	11+28	32.9 LT	6	
6453	14+35	56.7 LT	10	
6597	17+76	41.9 LT	6	
6598	17+77	42.0 LT	6	
6600	17+82	49.4 LT	6	
7044	18+28	40.0 LT	13	
7045	18+22	39.2 LT	6	
7046	18+25	38.2 LT	12	
7047	18+20	36.5 LT	13	
7048	18+20	39.4 LT	9	
7049	18+25	36.3 LT	6	
7050	18+23	30.5 LT	12	
7051	18+25	30.1 LT	10	
7052	18+26	29.9 LT	10	
7054	18+26	31.9 LT	6	
7055	18+26	31.3 LT	6	
7056	18+26	27.9 LT	10	
7058	18+25	22.9 LT	10	
7146	18+14	53.5 RT	10	
7147	18+09	50.4 RT	10	
7148	18+11	44.0 RT	10	
7531	20+13	26.1 RT	6	
7532	20+13	25.6 RT	9	
7533	20+14	27.7 RT	6	
7535	20+15	27.1 RT	6	
7536	20+18	26.3 RT	7	
7537	20+17	25.6 RT	7	
7538	20+17	24.9 RT	7	
7669	20+02	40.6 LT	12	
7670	20+04	36.0 LT	6	
7678	20+18	30.6 LT	6	
7681	20+07	35.8 LT	6	
7682	20+33	26.9 LT	6	
7683	20+32	43.8 LT	6	
7684	20+33	38.9 LT	8	
TOTALS			306	18

DRAINAGE REMOVAL SCHEDULE					
START STATION	OFFSET	END STATION	OFFSET	PIPE CULVERT REMOVAL	CONCRETE HEADWALL REMOVAL
	FOOT		FOOT	FOOT	EACH
I-80					
251+79	82.4 LT				1
252+20	8.5 LT	252+91	4.2 RT	73	
253+22	81.7 RT				1
341+92	82.7 LT				1
342+12	9.8 LT	342+83	6.0 RT	73	
342+88	81.9 RT				1
645 E ST					
26+91	34.9 RT	26+91	19.0 LT	54	
TOTALS				200	4

PROJECT NO.: #PROJ0000071018
 PROD. CONTACT: #PROJ0000071018
 FILE NAME: 066K73-SHY-Schedule.dgn
 PLOT DATE: 2/14/2022
 PEN TABLE: #PENL TABLES



USER NAME = amonocchlo
 PLOT SCALE = 100,0000' / in.
 PLOT DATE = 2/14/2022

DESIGNED - BBL
 DRAWN - BBL
 CHECKED - DW
 DATE - 2/14/2022

REVISED -
 REVISED -
 REVISED -
 REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES

SCALE: SHEET 1 OF 7 SHEETS

F.A.J. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(06-1HB-2 & 06-2HB)BR	BUREAU	202	17
CONTRACT NO.			66K73	
ILLINOIS FED. AID PROJECT				

REMOVAL SCHEDULE										
START STATION	OFFSET	END STATION	OFFSET	PAVED SHOULDER REMOVAL	GUARDRAIL REMOVAL	RELOCATE SIGN PANEL ASSEMBLY - TYPE A	REMOVE IMPACT ATTENUATORS, NO SALVAGE	REMOVE ATTENUATOR BASE	FENCE REMOVAL	
	FOOT		FOOT	SQ YD	FOOT	EACH	EACH	EACH	FOOT	
470 E ST										
13+88	14.7 LT	18+68	17.3 LT		476					
13+90	14.7 RT	18+64	17.8 RT		478					
21+08	17.0 RT	25+11	15.6 RT		403					
21+16	16.8 LT	25+18	16.1 LT		403					
645 E ST										
12+17	19.0 RT	17+95	14.8 RT		578					
12+20	18.6 LT	17+98	15.4 LT		578					
20+33	15.1 RT	20+86	16.1 RT		53					
20+36	14.9 LT	20+89	17.0 LT		54					
24+49	20.6 RT					1				
I-80										
250+22	69.6 RT	252+58	65.6 RT		241					
251+51	116.4 LT	252+06	114.8 LT						56	
251+76	56.1 LT	253+01	56.1 LT	128						
251+98	56.1 RT	253+13	56.1 RT	119						
252+08	114.9 RT	252+58	116.8 RT						50	
252+13	4.4 RT						1	1		
252+37	65.6 LT	254+75	69.0 LT		238					
252+42	116.3 LT	252+89	145.6 LT						57	
252+78	2.9 LT						1	1		
252+94	114.1 RT	253+13	113.1 RT						46	
339+83	69.4 RT	342+38	65.5 RT		254					
341+55	114.0 LT	342+13	110.0 LT						60	
341+78	56.3 LT	343+32	56.3 LT	163						
341+92	55.9 RT	343+03	55.9 RT	118						
341+92	141.0 RT	342+30	112.1 RT						51	
342+04	4.5 RT						1	1		
342+38	65.6 LT	344+90	68.9 LT		253					
342+46	110.6 LT	342+77	111.2 LT						32	
342+63	113.3 RT	343+03	169.4 RT						77	
342+75	4.0 LT						1	1		
TOTALS					528	4009	1	4	4	429

ROADWAY SCHEDULE											
START STATION	OFFSET	END STATION	OFFSET	HOT-MIX ASPHALT SHOULDERS, 10"	AGGREGATE SHOULDERS, TYPE A 10"	AGGREGATE SHOULDERS, TYPE A 6"	WOVEN WIRE FENCE, 4'	SHOULDER RUMBLE STRIPS, 16 INCH	IMPACT ATTENUATORS (NON-REDIRECTIVE), TEST LEVEL 3	ATTENUATOR BASE	
	FOOT		FOOT	SQ YD	SQ YD	SQ YD	FOOT	FOOT	EACH	SQ YD	
I-80											
248+85.80	RT	251+98.55	RT			200					
251+51.00	LT	251+95.00	LT				50				
251+75.68	56.1 LT	253+00.89	56.1 LT	139	60			125			
251+98.55	56.1 RT	253+13.37	56.1 RT	131	55			115			
252+09.00	RT	252+46.00	RT				40				
252+13.96	2.6 RT	252+33.88	0.3 RT						1	27.5	
252+51.00	LT	252+89.00	LT				55				
252+60.07	1.0 LT	252+80.04	2.7 LT						1	27.5	
253+00.89	LT	256+17.75	LT			205					
253+01.00	RT	253+39.00	RT				40				
338+61.45	RT	341+92.15	RT			215					
341+55.00	LT	342+06.00	LT				55				
341+77.72	56.3 LT	343+32.06	56.3 LT	176	80			155			
341+92.00	RT	342+24.00	RT				45				
341+92.15	55.9 RT	343+02.62	55.9 RT	124	50			110			
342+05.06	4.0 RT	342+24.84	0.7 RT						1	27.5	
342+50.92	0.7 LT	342+70.79	3.4 LT						1	27.5	
342+52.00	LT	324+77.00	LT				30				
342+70.00	RT	343+03.00	RT				65				
343+32.06	LT	345+99.78	LT			175					
TOTALS					570	245	795	380	505	4	110

PROJECT NO.: #PROJ0000000100
 PROD. CONTACT: #PROJ0000000100
 FILE NAME: 066K73-SHY-Schedule.dgn
 PLOT DATE: 2/14/2022
 PEN TABLE: #PENL TABLE



USER NAME = amonocchlo	DESIGNED - BBL	REVISED -
	DRAWN - BBL	REVISED -
PLOT SCALE = 100,0000' / in.	CHECKED - DW	REVISED -
PLOT DATE = 2/14/2022	DATE - 2/14/2022	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES

SCALE: SHEET 2 OF 7 SHEETS

F.A.J. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(06-1HB-2 & 06-2HB)BR	BUREAU	202	18
CONTRACT NO.			66K73	
ILLINOIS FED. AID PROJECT				

ROADWAY SCHEDULE									
START STATION	OFFSET	END STATION	OFFSET	AGGREGATE BASE COURSE, TYPE A 8"	AGGREGATE SURFACE COURSE, TYPE A 6"	HOT-MIX ASPHALT BINDER COURSE, IL-9.5, N50	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "C", N50	PAVEMENT CONNECTOR (HMA) FOR BRIDGE APPROACH SLAB	AGGREGATE SHOULDERS, TYPE A 6"
	FOOT		FOOT	SQ YD	SQ YD	TON	TON	SQ YD	SQ YD
470 E ST									
11+30.50		18+25.33		1699		191	167		
11+30.50	10.02 LT	11+78.97	12.00 LT						6
11+30.50	11.92 RT	18+48.25	18.47 RT						479
11+64.44	12.00 RT	12+29.60	13.51 RT		73				
11+73.59	11.00 LT	12+23.08	11.00 LT	76		9	8		
12+18.08	12.00 LT	18+47.04	14.67 LT						399
18+25.33		18+44.91		64				64	
21+28.60	16.79 RT	25+81.07	10.78 RT						338
21+29.51	15.45 LT	26+98.43	9.78 LT						342
21+34.81		21+56.64		67				67	
21+56.64		24+69.88		763		86	75		
TOTALS				2669	73	286	250	131	1564

ROADWAY SCHEDULE									
START STATION	OFFSET	END STATION	OFFSET	AGGREGATE BASE COURSE, TYPE A 8"	AGGREGATE SURFACE COURSE, TYPE A 6"	HOT-MIX ASPHALT BINDER COURSE, IL-9.5, N50	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "C", N50	PAVEMENT CONNECTOR (HMA) FOR BRIDGE APPROACH SLAB	AGGREGATE SHOULDERS, TYPE A 6"
	FOOT		FOOT	SQ YD	SQ YD	TON	TON	SQ YD	SQ YD
645 E ST									
7+10.10	11.5 RT	7+80.10	11.4 RT		219		5		
7+30.69		17+53.34		2723		305	267		
7+30.69	10.44 LT	10+15.48	13.00 LT						32
7+30.69	11.91 RT	17+72.63	14.50 RT						651
8+07.95	13.00 LT	8+59.36	13.00 LT		47				
10+06.60	12.00 LT	10+92.88	12.00 LT	275		31	27		
10+75.53	19.00 LT	17+72.63	14.50 LT						514
17+53.34		17+71.48		56				56	
20+58.33	14.50 LT	29+23.75	10.65 LT						231
20+58.33	14.50 RT	29+23.75	11.25 RT						262
20+59.48		20+77.62		56				56	
20+77.62		29+23.75		2251		253	221		
24+00.84	12.7 RT	24+70.84	12.4 RT		219		5		
24+14.30	13.00 LT	24+62.65	13.00 LT		81				
25+95.50	13.00 LT	26+31.70	13.00 LT		37				
TOTALS				5361	603	589	525	112	1690

PROJECT NO.: #PROJ0000000108
 PROD. CONTACT: #PROGRAMMERS
 FILE NAME: 066K73-SHY-Schedule.dgn
 PEN TABLE: #PEN_TABLE\$



USER NAME = amonocho	DESIGNED - BBL	REVISED -
PLOT SCALE = 100,0000' / in.	DRAWN - BBL	REVISED -
PLOT DATE = 2/14/2022	CHECKED - DW	REVISED -
	DATE - 2/14/2022	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES

SCALE: SHEET 3 OF 7 SHEETS

F.A.J. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(06-1HB-2 & 06-2HB)BR	BUREAU	202	19
CONTRACT NO.			66K73	
ILLINOIS FED. AID PROJECT				

PROJECT NO.: #PROJ0000071018
 PROD. CONTACT: #PROJ0000071018
 FILE NAME: 066K73-SHT-Schedule.dgn
 PEN TABLE: #PEN_TABLE\$



USER NAME = amonocchlo	DESIGNED - BBL	REVISED -
	DRAWN - BBL	REVISED -
PLOT SCALE = 100,0000' / in.	CHECKED - DW	REVISED -
PLOT DATE = 2/14/2022	DATE - 2/14/2022	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

SCHEDULE OF QUANTITIES

SCALE: SHEET 4 OF 7 SHEETS

F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(06-1HB-2 & 06-2HB)BR	BUREAU	202	20
CONTRACT NO.			66K73	
ILLINOIS FED. AID PROJECT				

EARTHWORK SCHEDULE							
START STATION	END STATION	TOPSOIL EXCAVATION ADJUSTED FOR SHRINKAGE (25%) (8" THICK)(A)	TOPSOIL PLACEMENT (4" THICK) (B)	EARTH EXCAVATION ADJUSTED FOR SHRINKAGE (25%) (C)	POROUS GRANULAR EMBANKMENT (D)	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL (A-B)	FURNISHED EXCAVATION SURPLUS(+) SHORTAGE(-) (C-D)
		CU YD	CU YD	CU YD	CU YD	CU YD	CU YD
I-80							
248+85.81	249+00.00	0.0	0.0	0.5	0.1	0.0	0.4
249+00.00	249+50.00	6.6	4.4	0	2.0	2.2	-2.0
249+50.00	250+00.00	6.2	4.1	0	1.6	2.1	-1.6
250+00.00	250+50.00	4.4	2.9	0	1.2	1.5	-1.2
250+50.00	251+00.00	0.7	4.8	0.3	3.6	-4.1	-3.3
251+00.00	251+50.00	8.3	5.5	0	5.9	2.8	-5.9
251+50.00	252+00.00	39.0	26.0	0	7.0	13.0	-7.0
252+00.00	252+50.00	37.7	25.1	29.1	0	12.6	29.1
252+50.00	253+00.00	44.9	29.9	0	0	15.0	0.0
253+00.00	253+50.00	72.4	48.3	0	0	24.1	0.0
253+50.00	254+00.00	69.5	46.4	0	0	23.2	0.0
254+00.00	254+50.00	5.1	3.4	0	1.6	1.7	-1.6
254+50.00	255+00.00	2.2	1.5	0	0	0.7	0.0
255+00.00	255+50.00	3.2	2.2	0	0	1.1	0.0
255+50.00	256+00.00	4.2	2.8	0	1.0	1.4	-1.0
256+00.00	256+17.74	0.4	0.3	0.1	0	0.1	0.1
338+61.45	339+00.00	4.4	2.9	0	3.9	1.5	-3.9
339+00.00	339+50.00	8.3	5.6	0	8.7	2.8	-8.7
339+50.00	340+00.00	6.6	4.4	0	3.2	2.2	-3.2
340+00.00	340+50.00	6.3	4.2	0	2.9	2.1	-2.9
340+50.00	341+00.00	7.1	4.8	0	5.0	2.4	-5.0
341+00.00	341+50.00	7.7	5.1	0	8.4	2.6	-8.4
341+50.00	342+00.00	13.6	9.1	0	13.5	4.5	-13.5
342+00.00	342+50.00	7.1	4.8	23.6	0	2.4	23.6
342+50.00	343+00.00	38.3	25.5	0	6.6	12.8	-6.6
343+00.00	343+50.00	44.1	29.4	0	0	14.7	0.0
343+50.00	344+00.00	6.1	4.0	0	2.1	2.0	-2.1
344+00.00	344+50.00	6.7	4.5	0	2.1	2.2	-2.1
344+50.00	345+00.00	9.4	6.3	0	3.6	3.1	-3.6
345+00.00	345+50.00	13.9	9.3	0	12.0	4.6	-12.0
345+50.00	346+00.00	13.7	9.1	0	5.9	4.6	-5.9
TOTALS		498	337	54	102	162	-48

EARTHWORK SCHEDULE							
START STATION	END STATION	TOPSOIL EXCAVATION ADJUSTED FOR SHRINKAGE (25%) (8" THICK)(A)	TOPSOIL PLACEMENT (4" THICK) (B)	EARTH EXCAVATION ADJUSTED FOR SHRINKAGE (25%) (C)	POROUS GRANULAR EMBANKMENT (D)	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL (A-B)	FURNISHED EXCAVATION SURPLUS(+) SHORTAGE(-) (C-D)
		CU YD	CU YD	CU YD	CU YD	CU YD	CU YD
470 E ST							
11+30.50	11+50.00	1.8	1.2	8.3	0	0.6	8.3
11+50.00	12+00.00	12.1	8.1	30.6	0	4.0	30.6
12+00.00	12+50.00	4.3	2.9	29.9	0	1.4	29.9
12+50.00	13+00.00	4.2	2.8	22.7	2.3	1.4	20.4
13+00.00	13+50.00	11.1	7.4	15.7	9.6	3.7	6.1
13+50.00	14+00.00	14.2	9.5	14.5	12.4	4.7	2.1
14+00.00	14+50.00	9.3	6.2	16.9	4.4	3.1	12.5
14+50.00	15+00.00	23.1	15.4	4.3	11.1	7.7	-6.8
15+00.00	15+50.00	34.3	22.9	0	28.1	11.4	-28.1
15+50.00	16+00.00	36.5	24.4	3.0	34.3	12.2	-31.3
16+00.00	16+50.00	40.1	26.7	0	39.3	13.4	-39.3
16+50.00	17+00.00	52.2	34.8	0	38.2	17.4	-38.2
17+00.00	17+50.00	59.0	39.3	0	84.4	19.7	-84.4
17+50.00	18+00.00	77.5	51.7	0	171.2	25.8	-171.2
18+00.00	18+50.00	89.5	59.6	0	373.1	29.8	-373.1
18+50.00	18+76.89	47.6	31.7	0	221.2	15.9	-221.2
20+99.52	21+00.00	0.4	0.3	0	1.8	0.1	-1.8
21+00.00	21+50.00	78.7	52.5	0	0	26.2	0.0
21+50.00	22+00.00	154.5	103.0	0	0	51.5	0.0
22+00.00	22+50.00	35.2	23.5	0	57.1	11.7	-57.1
22+50.00	23+00.00	31.6	21.1	8.9	0	10.5	8.9
23+00.00	23+50.00	27.2	18.1	20.1	15.0	9.1	5.1
23+50.00	24+00.00	23.2	15.4	23.9	6.2	7.7	17.7
24+00.00	24+50.00	7.4	5.0	32.2	0	2.5	32.2
24+50.00	25+00.00	2.7	1.8	18.2	0	0.9	18.2
25+00.00	25+50.00	8.7	5.8	0	0	2.9	0.0
25+50.00	26+00.00	16.0	10.6	0	0	5.3	0.0
26+00.00	26+50.00	15.9	10.6	0	0	5.3	0.0
26+50.00	26+99.68	21.7	14.5	0	0	7.2	0.0
TOTALS		940	627	249	1110	313	-861

EARTHWORK SCHEDULE							
START STATION	END STATION	TOPSOIL EXCAVATION ADJUSTED FOR SHRINKAGE (25%) (8" THICK)(A)	TOPSOIL PLACEMENT (4" THICK) (B)	EARTH EXCAVATION ADJUSTED FOR SHRINKAGE (25%) (C)	POROUS GRANULAR EMBANKMENT (D)	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL (A-B)	FURNISHED EXCAVATION SURPLUS(+) SHORTAGE(-) (C-D)
		CU YD	CU YD	CU YD	CU YD	CU YD	CU YD
645 E ST							
7+30.69	7+50.00	7.6	5.1	7.3	0	2.5	7.3
7+50.00	8+00.00	14.5	9.7	23.3	0	4.8	23.3
8+00.00	8+50.00	4.4	2.9	20.6	2.8	1.5	17.8
8+50.00	9+00.00	11.0	7.4	0	10.5	3.7	-10.5
9+00.00	9+50.00	22.3	14.9	0	44.9	7.4	-44.9
9+50.00	10+00.00	19.8	13.2	0	79.2	6.6	-79.2
10+00.00	10+50.00	22.9	15.3	0	106.6	7.6	-106.6
10+50.00	11+00.00	39.9	26.6	0	153.2	13.3	-153.2
11+00.00	11+50.00	27.8	18.6	0	149.4	9.3	-149.4
11+50.00	12+00.00	35.0	23.4	0	148.9	11.7	-148.9
12+00.00	12+50.00	47.7	31.8	0	165.2	15.9	-165.2
12+50.00	13+00.00	58.6	39.0	0	175.7	19.5	-175.7
13+00.00	13+50.00	59.1	39.4	0	150.2	19.7	-150.2
13+50.00	14+00.00	64.5	43.0	0	153.8	21.5	-153.8
14+00.00	14+50.00	70.4	46.9	0	212.7	23.5	-212.7
14+50.00	15+00.00	75.7	50.5	0	245.8	25.2	-245.8
15+00.00	15+50.00	79.3	52.9	0	279.3	26.4	-279.3
15+50.00	16+00.00	80.2	53.5	0	293.7	26.7	-293.7
16+00.00	16+50.00	77.4	51.6	0	258.8	25.8	-258.8
16+50.00	17+00.00	72.0	48.0	0	227.1	24.0	-227.1
17+00.00	17+50.00	68.9	45.9	0	180.4	23.0	-180.4
17+50.00	18+00.00	73.0	48.7	0	170.4	24.3	-170.4
18+00.00	18+02.59	2.1	1.4	0	5.6	0.7	-5.6
20+28.37	20+50.00	166.8	111.2	0	456.8	55.6	-456.8
20+50.00	21+00.00	31.1	20.7	0	82.0	10.4	-82.0
21+00.00	21+50.00	21.2	14.1	0	76.7	7.1	-76.7
21+50.00	22+00.00	19.0	12.7	0	89.2	6.3	-89.2
22+00.00	22+50.00	12.0	8.0	0	121.5	4.0	-121.5
22+50.00	23+00.00	30.7	20.5	0	138.7	10.2	-138.7
23+00.00	23+50.00	34.9	23.3	0	119.3	11.6	-119.3
23+50.00	24+00.00	31.0	20.7	0	92.3	10.3	-92.3
24+00.00	24+50.00	28.8	19.2	0	90.6	9.6	-90.6
24+50.00	25+00.00	23.0	15.4	0	100.4	7.7	-100.4
25+00.00	25+50.00	32.2	21.4	0	98.4	10.7	-98.4
25+50.00	26+00.00	24.5	16.3	0	60.4	8.2	-60.4
26+00.00	26+50.00	19.8	13.2	0	50.8	6.6	-50.8
26+50.00	27+00.00	18.3	12.2	0	26.4	6.1	-26.4
27+00.00	27+50.00	16.6	11.0	0	4.0	5.5	-4.0
27+50.00	28+00.00	15.4	10.3	6.9	0	5.1	6.9
28+00.00	28+50.00	9.8	6.5	20.0	0	3.3	20.0
28+50.00	29+00.00	25.7	17.1	7.3	0	8.6	7.3
29+00.00	29+23.75	1.8	1.2	13.8	0	0.6	13.8
TOTALS		1597	1064	99	4822	532	-4723

EROSION CONTROL SCHEDULE							
STATION +/- TO STATION +/-	SIDE	SEEDING CLASS 2A	EROSION CONTROL BLANKET	PERIMETER EROSION BARRIER	TEMPORARY DITCH CHECKS	INLET AND PIPE PROTECTION	INLET FILTERS
		ACRE	SQ YD	FOOT	FOOT	EACH	EACH
470 E ST							
11+39.37 TO 12+04.31	LT	0.02	73	149			
11+39.97 TO 11+80.19	RT	0.01	2	41			
11+84.08 TO 11+95.63	RT	0.01	1	18			
12+10.09 TO 18+76.89	LT	0.29	1379	685		1	1
12+12.54 TO 18+71.75	RT	0.28	1329	692		1	1
20+99.52 TO 25+68.88	RT	0.10	483	506			1
21+08.47 TO 24+52.27	LT	0.21	1001	397			1
25+35.76 TO 26+98.52	LT	0.07	335	195	250	1	
645 E ST							
7+30.70 TO 18+00.38	RT	0.54	2566	1117		1	1
7+30.70 TO 8+27.49	LT	0.02	74	130			
8+39.80 TO 11+03.73	LT	0.06	246	309			
10+67.88 TO 18+02.59	LT	0.56	2684	807			
20+28.37 TO 29+23.74	RT	0.29	1398	949			
20+30.58 TO 24+25.92	LT	0.12	541	435		1	
24+40.31 TO 26+05.10	LT	0.06	270	199	125	1	
26+14.10 TO 29+23.74	LT	0.06	247	327		1	
I-80							
248+87.67 TO 252+54.08	RT	0.08	340	418			
251+59.02 TO 252+11.93	LT	0.04	176	39		1	
251+74.05 TO 252+37.11		0.07	304	97	125	1	
252+43.47 TO 256+17.74	LT	0.07	312	431			
252+56.93 TO 254+00.07		0.15	714	99	125		
252+85.43 TO 253+34.83	RT	0.04	156	39		1	
338+62.55 TO 342+29.99	RT	0.08	365	414		1	
341+76.80 TO 342+15.05	LT	0.04	153	40		1	
342+46.99 TO 345+99.78	LT	0.09	436	410		1	
342+61.90 TO 343+06.57	RT	0.04	177	73			
342+70.75 TO 343+46.27		0.08	365	87	125		
TOTALS		3.5	16127	9103	750	13	5

PROJECT NO.: #PROJ0000000108
 PROD. CONTACT: #PROJ0000000108
 FILE NAME: 066K73-SHY-Schedule.dgn
 PEN TABLE: #PEN_TABLE\$



USER NAME = amonocchlo	DESIGNED - BBL	REVISED -
	DRAWN - BBL	REVISED -
PLOT SCALE = 100,0000' / in.	CHECKED - DW	REVISED -
PLOT DATE = 2/14/2022	DATE - 2/14/2022	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES

SCALE: SHEET 5 OF 7 SHEETS

F.A.J. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(06-1HB-2 & 06-2HB)BR	BUREAU	202	21
CONTRACT NO.			66K73	
ILLINOIS FED. AID PROJECT				

PROPOSED DRAINAGE SCHEDULE																				
START STATION	OFFSET	RIM ELEV	INV ELEV	END STATION	OFFSET	INV ELEV	PIPE CULVERTS, CLASS C, TYPE 1 15"	PIPE CULVERTS, CLASS C, TYPE 1 18"	PIPE CULVERTS, CLASS A, TYPE 1 EQUIVALENT ROUND-SIZE 15"	PIPE CULVERTS, CLASS A, TYPE 2 24"	PIPE CULVERTS, CLASS A, TYPE 2 36"	END SECTIONS 12"	END SECTIONS 15"	END SECTIONS 18"	END SECTIONS 24"	END SECTIONS 36"	END SECTIONS, EQUIVALENT ROUND-SIZE 15"	TYPE G INLET BOX, STANDARD 610001	PIPE DRAINS 12"	SHOULDER INLET WITH CURB
	FOOT				FOOT		FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	EACH	EACH	EACH	EACH	EACH	EACH
470 E ST																				
18+38.40	18.2 RT		661.04	18+38.40	55.2 RT	647.08						1							37	
18+38.40	17.3 RT	663.71																1		1
18+41.93	14.2 LT		660.33	18+41.92	56.2 LT	643.77						1							42	
18+41.93	13.4 LT	663.00																1		1
21+33.89	16.6 RT		661.17	21+33.89	51.6 RT	648.30						1							35	
21+33.89	15.8 RT	663.84																1		1
21+43.56	14.6 LT		660.18	21+43.56	49.6 LT	647.13						1							35	
21+43.56	13.8 LT	662.85																1		1
26+20.62	29.6 LT		641.50	26+72.00	28.4 LT	641.37											2			
645 E ST																				
12+58.02	50.3 LT		667.92	12+58.11	54.3 LT	666.52				4										
17+65.10	14.0 RT		697.51	17+65.09	46.0 RT	685.97						1								32
17+65.10	13.2 RT	700.18																1		1
17+67.28	14.0 LT		697.55	17+67.30	49.0 LT	684.51						1								35
17+67.28	13.2 LT	700.22																1		1
20+63.66	14.0 RT		700.26	20+63.66	36.0 RT	693.72						1								22
20+63.66	13.2 RT	702.93																1		1
20+65.91	14.0 LT		700.26	20+65.91	44.0 LT	692.80						1								30
20+65.91	13.2 LT	702.93																1		1
25+95.50	23.0 LT		693.94	26+31.50	23.1 LT	691.84	36						2							
26+90.98	23.2 LT		692.85	26+91.00	31.8 RT	689.99		55						2						
I-80																				
251+68.0	83.0 LT		639.58	251+80.0	83.0 LT	639.48				12							1			
252+19.60	9.8 LT		639.70	253+19.4	3.5 LT	639.2		100						2						
253+22.4	81.7 RT		639.22	253+30.4	81.6 RT	639.24				8						1				
341+80.2	82.8 LT		677.02	341+90.1	82.7 LT	676.89					12					1				
342+12.40	11.0 LT		677.71	343+02.0	3.7 LT	676.75		90						2						
342+88.2	81.9 RT		676.27	342+96.3	81.9 RT	676.20						8				1				
TOTALS							36	245	52	24	20	8	2	6	2	2	2	8	268	8

GUARDRAIL SCHEDULE										
LOCATION		DIRECTION	SPBGR TYPE A 6 FT POSTS	SPBGR TYPE A 9 FT POSTS	TRAF BARR TERM TYPE 6	TRAF BARR TERM TYPE 1 (SP) TAN	TRAF BARR TERM TYPE 2	GR REFL TYPE A	LINEAR DELIN PANELS 4"	TERM MARKER DIRECT APPLIED
FROM	TO		FOOT	FOOT	EACH	EACH	EACH	EACH	EACH	EACH
I-80										
249+19.7	253+11.4	EB-APPR	325			1	1	5	5	1
251+90.5	255+83.7	WB-APPR	325			1	1	5	5	1
338+95.6	342+77.5	EB-APPR	312.5			1	1	4	4	1
342+00.4	345+66.0	WB-APPR	300			1	1	4	4	1
470 E ST										
12+56.5	18+56.9	SB-APPR	512.5			1	1	6	7	1
13+53.8	18+61.8	NB-DEPART	412.5			1	1	5	6	1
21+14.3	25+31.2	SB-DEPART	325			1	1	5	5	1
21+23.7	25+90.4	NB-APPR		375		1	1	5	5	1
645 E ST										
9+56.0	17+85.4	SB-APPR	737.5			1	1	6	10	1
10+95.7	17+87.6	NB-DEPART	600			1	1	6	8	1
20+43.4	22+97.7	SB-DEPART	162.5			1	1	4	4	1
20+45.6	22+50.0	NB-APPR	112.5			1	1	4	4	1
TOTALS			4125	375		8	12	4	59	12

SEE SP FOR LINEAR DELINATOR PANEL 4"

PAVEMENT MARKING SCHEDULE					
STATION +/- TO STATION +/-	DIRECTION	POLYUREA PAVEMENT MARKING TYPE I - LINE 4"			POLYUREA PAVEMENT MARKING TYPE I - LINE 6"
		SOLID	DOUBLE SOLID	SOLID	DASHED
		WHITE	YELLOW	YELLOW	YELLOW
		FOOT			FOOT
470 E ST					
11+30.50 TO 24+69.96	SB	1344			
11+30.50 TO 24+69.96	NB/SB		2680		
11+30.50 TO 11+73.59	NB	44			
12+23.08 TO 24+69.96	NB	1243			
645 E ST					
7+30.69 TO 29+23.86	SB	2200			
7+30.69 TO 11+50.00	NB/SB			105	
7+30.69 TO 29+23.75	NB	2200			
11+50.00 TO 15+74.83	NB/SB		430		110
15+74.83 TO 21+50.00	NB/SB		1155		
21+50.00 TO 26+50.00	NB/SB		500		125
26+50.00 TO 29+23.75	NB/SB				70
TOTALS		7031	3835	930	410

PROJECT NO.: #PROJ0000021010
 PROD. CONTACT: #PROJ0000021010
 FILE NAME: 080817-517-Schedule.dgn
 PLOT DATE: 2/14/2022
 PEN TABLE: #PENL TABLE#



USER NAME = amonoccho	DESIGNED - BBL	REVISED -
	DRAWN - BBL	REVISED -
PLOT SCALE = 100,0000' / in.	CHECKED - DW	REVISED -
PLOT DATE = 2/14/2022	DATE - 2/14/2022	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCHEDULE OF QUANTITIES

SCALE: SHEET 6 OF 7 SHEETS

F.A.J RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(06-1HB-2 & 06-2HB)BR	BUREAU	202	22
CONTRACT NO. 66K73				
ILLINOIS FED. AID PROJECT				

TEMPORARY CONCRETE BARRIER SCHEDULE						
STATION +/- TO STATION +/-	SIDE	TEMPORARY CONCRETE BARRIER	RELOCATE TEMPORARY CONCRETE BARRIER	IMPACT ATTENUATORS, TEMPORARY (NON-REDIRECTIVE), TEST LEVEL 3	IMPACT ATTENUATORS, RELOCATE (NON-REDIRECTIVE), TEST LEVEL 3	
		FOOT	FOOT	EACH	EACH	
STAGE 1						
I-80						
338+10 TO 344+36	RT	625		1		
340+36 TO 346+58	LT	625		1		
STAGE 2						
I-80						
338+35 TO 344+36	RT		600		1	
340+36 TO 346+34	LT		600		1	
STAGE 3						
I-80						
248+49 TO 254+73	RT		625		1	
250+26 TO 256+51	LT		625		1	
STAGE 4						
I-80						
248+74 TO 254+73	RT		600		1	
250+26 TO 256+26	LT		600		1	
TOTALS		1250	3650	2	6	

SIGN SCHEDULE				
LOCATION	SIGN DESIGNATION	SIGN	WOOD	
		PANEL - TYPE 1	SIGN SUPPORT	
STATION	SIDE	SQ FT	FOOT	
470 E ST				
12+38	RT	R4-1	5	15
12+38	LT	W14-3	6	15
17+00	RT	W8-13	9	15
22+50	LT	W8-13	9	15
25+50	RT	W14-3	6	15
25+50	LT	R4-1	5	15
645 E ST				
11+50	RT	R4-1	5	15
11+50	LT	W14-3	6	15
15+75	LT	R4-2	5	15
16+50	RT	W8-13	9	15
21+50	RT	R4-2	5	15
22+00	LT	W8-13	9	15
26+50	RT	W14-3	6	15
26+50	LT	R4-1	5	15
TOTALS			90	210

WORK ZONE PAVEMENT MARKING SCHEDULE				
STATION +/- TO STATION +/-	SIDE	PAVEMENT MARKING TAPE, TYPE IV		FOOT
		LINE 4" SOLID WHITE	LINE 4" SOLID YELLOW	
STAGE 1				
I-80				
324+55 TO 345+37	RT	2100		
339+36 TO 360+29	LT	2100		
STAGE 2				
I-80				
324+55 TO 345+37	RT		2100	
339+36 TO 360+29	LT		2100	
STAGE 3				
I-80				
234+74 TO 255+72	RT	2100		
249+26 TO 270+00	LT	2100		
STAGE 4				
I-80				
234+74 TO 255+72	RT		2100	
249+26 TO 270+00	LT		2100	
TOTALS		8400	8400	

PROJECT NO.: #P06F0800021010
 PROD. CONTACT: #PROGRAMMERS
 FILE NAME: 066K73-SHY-Schedule.dgn
 PLOT DATE: 2/14/2022
 PEN TABLE: #PEN_TABLE\$



USER NAME = amonocchlo	DESIGNED - BBL	REVISED -
PLOT SCALE = 100,0000' / in.	DRAWN - BBL	REVISED -
PLOT DATE = 2/14/2022	CHECKED - DW	REVISED -
	DATE - 2/14/2022	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES

SCALE: SHEET 7 OF 7 SHEETS

F.A.J. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(06-1HB-2 & 06-2HB)BR	BUREAU	202	23
CONTRACT NO.			66K73	
ILLINOIS FED. AID PROJECT				

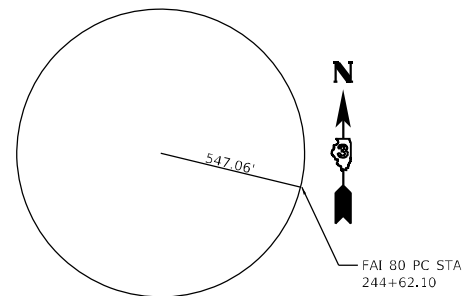
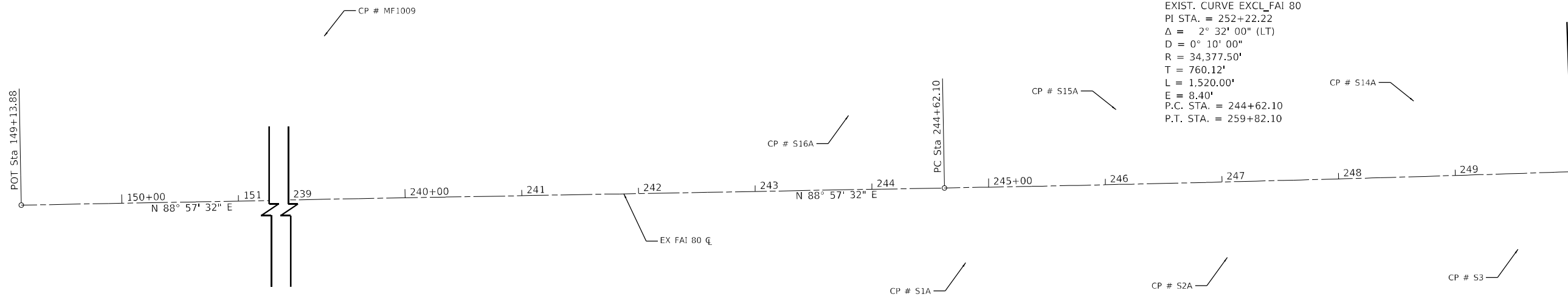


SCALE IN FEET

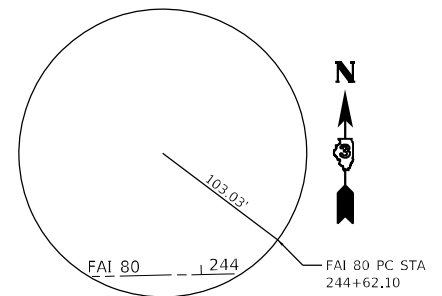


MATCHLINE FAI 80 STA 250 + 00

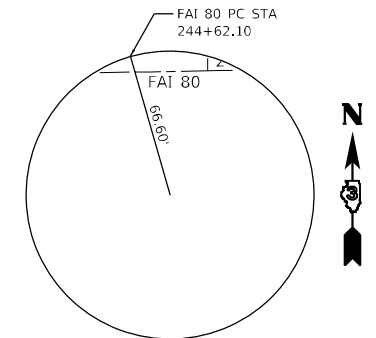
EXIST. CURVE EXCL FAI 80
 PI STA. = 252+22.22
 Δ = 2° 32' 00" (LT)
 D = 0° 10' 00"
 R = 34,377.50'
 T = 760.12'
 L = 1,520.00'
 E = 8.40'
 P.C. STA. = 244+62.10
 P.T. STA. = 259+82.10



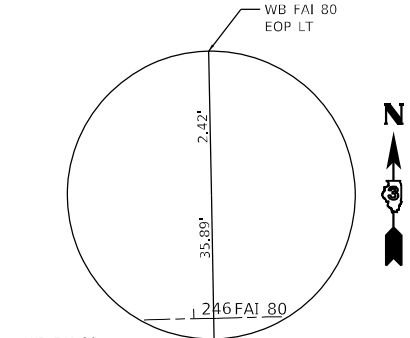
CP#MF1009A
 DISK IN CONCRETE MON
 STA 239+39.20, 139.81' LT.
 N: 1719334.3750
 E: 2405196.9430
 ELEV: 642.22



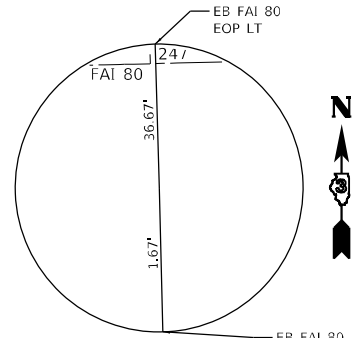
CP#S16A
 MAG NAIL IN HMA
 STA 239+39.20, 139.81' LT.
 N: 1719266.3650
 E: 2405646.1340
 ELEV: 644.82



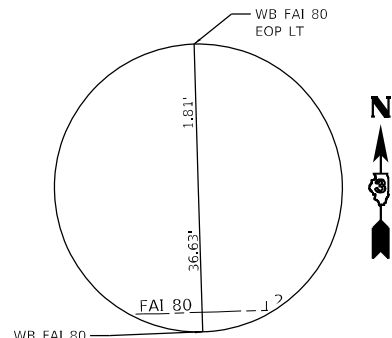
CP#S1A
 MAG NAIL IN HMA
 STA 244+79.13, 64.38' RT.
 N: 1719140.1400
 E: 2405746.5210
 ELEV: 644.71



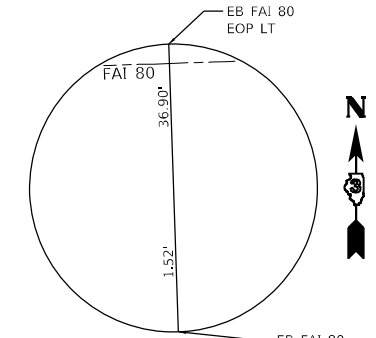
CP#S15A
 MAG NAIL IN HMA
 STA 246+10.55, 64.19' LT.
 N: 1719271.3870
 E: 2405875.2640
 ELEV: 644.39



CP#S2A
 MAG NAIL IN HMA
 STA 247+02.90, 64.83' RT.
 N: 1719144.6070
 E: 2405970.6690
 ELEV: 644.26



CP#S14A
 MAG NAIL IN HMA
 STA 248+66.41, 64.81' LT.
 N: 1719278.7010
 E: 2406130.5390
 ELEV: 643.94



CP#S3
 MAG NAIL IN HMA
 STA 249+51.71, 64.92' RT.
 N: 1719151.6920
 E: 2406219.8480
 ELEV: 643.74

PROJECT NO.: #P06F0808210108
 PROJ. CONTACT: #P06F0808210108
 FILE NAME: 066K73_180-align01.dgn
 PEN TABLE: #PEN TABLE\$



USER NAME = amonocchlo	DESIGNED - AMM	REVISED -
PLOT SCALE = 100,0000' / in.	DRAWN - AMM	REVISED -
PLOT DATE = 2/14/2022	CHECKED - DW	REVISED -
	DATE - 2/14/2022	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

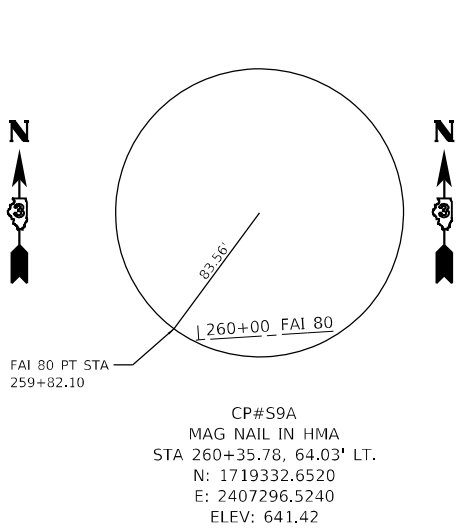
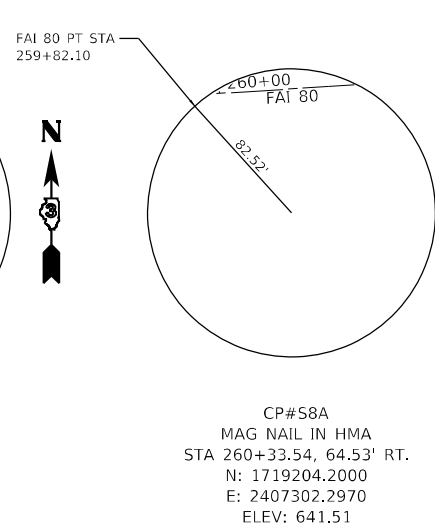
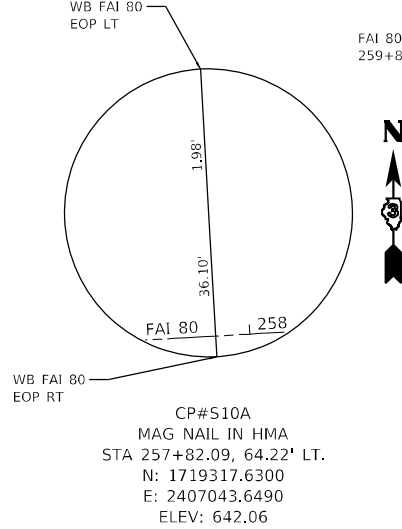
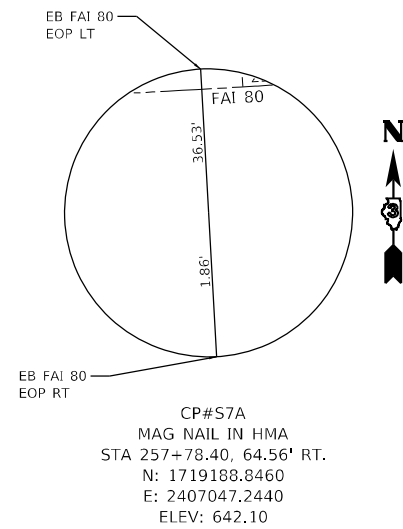
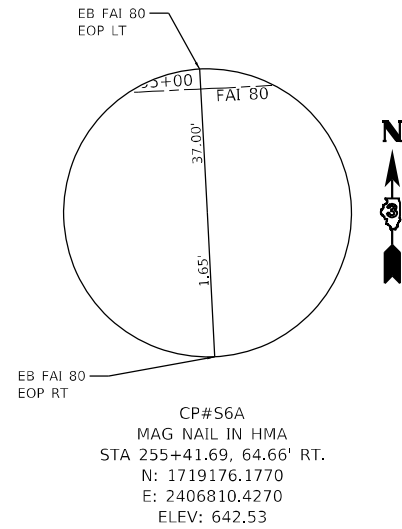
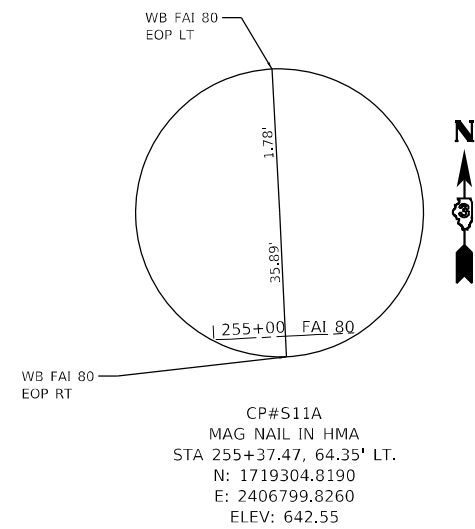
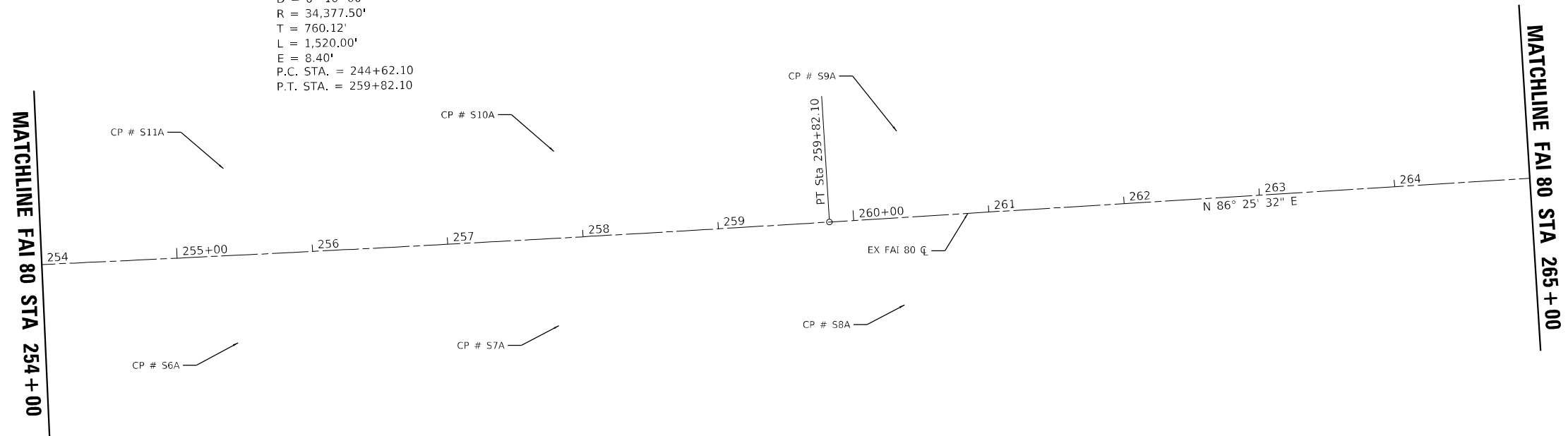
**I-80
 ALIGNMENT & TIES**

SCALE: 1"=50' SHEET 1 OF 15 SHEETS STA 149+13.88 (POT) TO STA 250+00.00

F.A.J. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(06-1HB-2 & 06-2HB)BR	BUREAU	202	24
CONTRACT NO. 66K73			ILLINOIS FED. AID PROJECT	



EXIST. CURVE EXCL_FIA 80
 PI STA. = 252+22.22
 $\Delta = 2^\circ 32' 00''$ (LT)
 $D = 0^\circ 10' 00''$
 $R = 34,377.50'$
 $T = 760.12'$
 $L = 1,520.00'$
 $E = 8.40'$
 P.C. STA. = 244+62.10
 P.T. STA. = 259+82.10



PROJECT NO.: #P10608021008
 PROD. CONTACT: #P10608021008
 FILE NAME: 0668021008-01.dgn
 PEN TABLE: #PEN_TABLE\$



USER NAME = amonocchlo	DESIGNED - AMM	REVISED -
PLOT SCALE = 100,0000' / in.	DRAWN - AMM	REVISED -
PLOT DATE = 2/14/2022	CHECKED - DW	REVISED -
	DATE - 2/14/2022	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

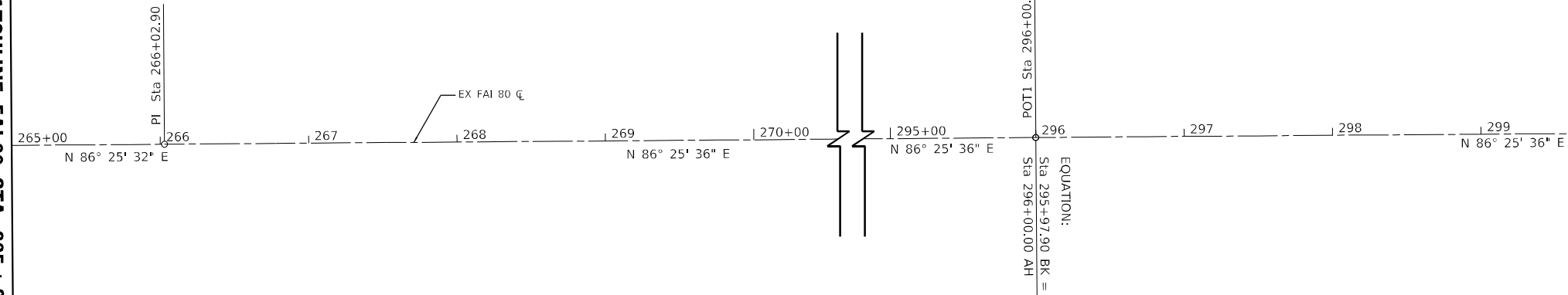
I-80
 ALIGNMENT & TIES

SCALE: 1"=50' SHEET 2 OF 15 SHEETS STA 254+00.00 TO STA 265+00.00

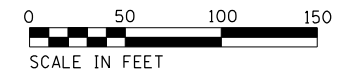
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(06-1HB-2 & 06-2HB)BR	BUREAU	202	25
CONTRACT NO.			66K73	
ILLINOIS FED. AID PROJECT				



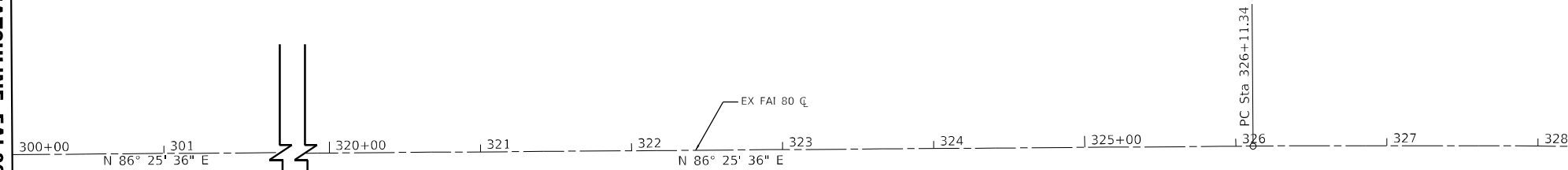
MATCHLINE FAI 80 STA 265+00



MATCHLINE FAI 80 STA 300+00



MATCHLINE FAI 80 STA 300+00



EXIST. CURVE EXCL_FAI 80
 PI STA. = 347+18.00
 Δ = 18° 06' 20" (RT)
 D = 0° 26' 00"
 R = 13,222.10'
 T = 2,106.66'
 L = 4,178.20'
 E = 166.77'
 P.C. STA. = 326+11.34
 P.T. STA. = 367+89.54

MATCHLINE FAI 80 STA 329+00

PROJECT NO.: #P06F08000210108
 PROJ. CONTACT: #P06F08000210108
 FILE NAME: 066K73_80-alignm03.dgn
 PEN TABLE: #PEN_TABLE\$



USER NAME = amonocchlo	DESIGNED - AMM	REVISED -
PLOT SCALE = 100,0000' / in.	DRAWN - DPH	REVISED -
PLOT DATE = 2/14/2022	CHECKED - DW	REVISED -
	DATE - 2/14/2022	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

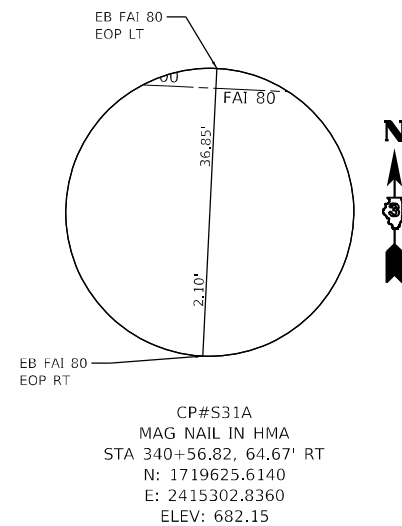
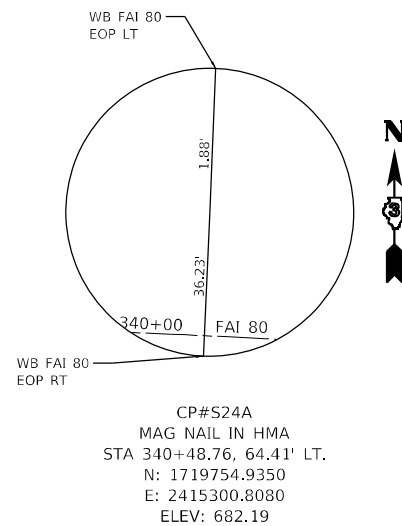
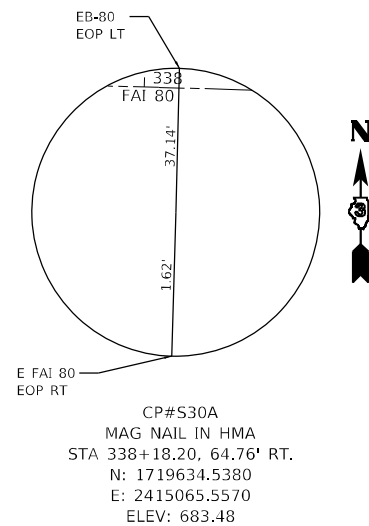
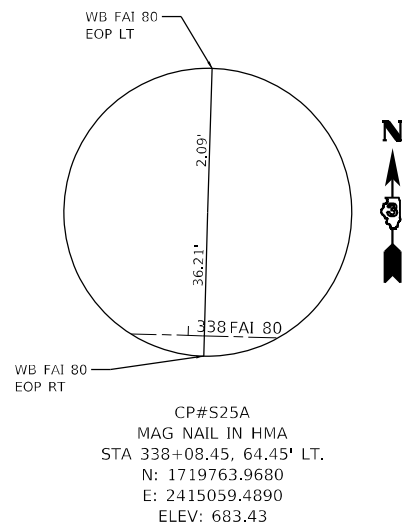
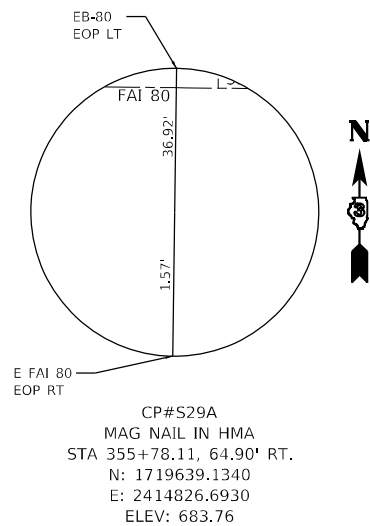
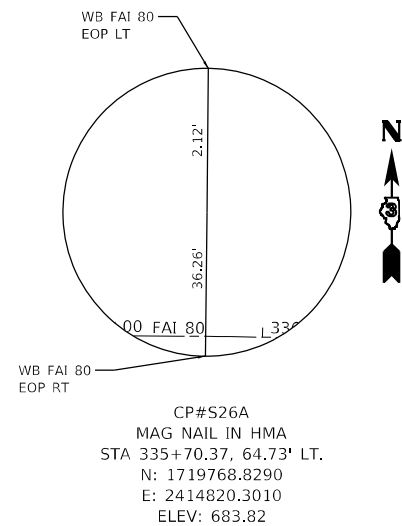
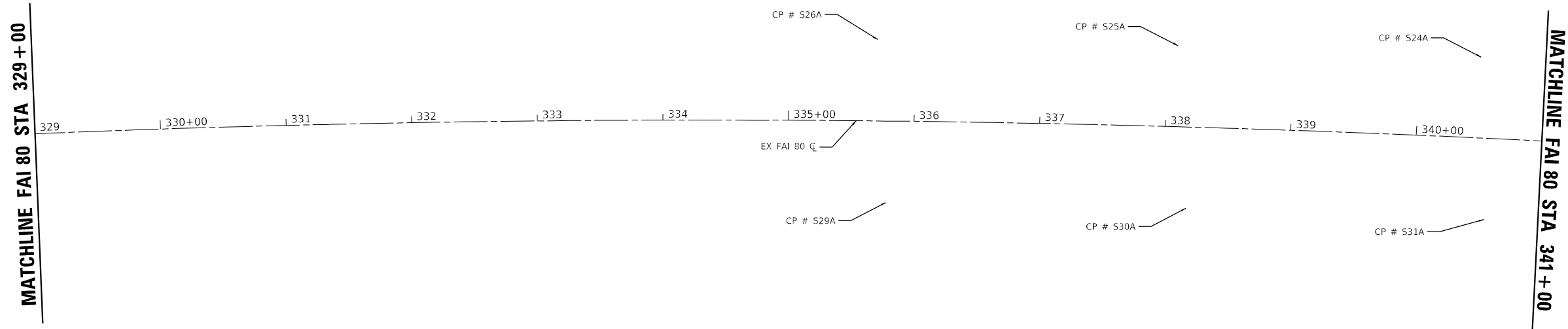
**I-80
ALIGNMENT & TIES**

SCALE: 1"=50' SHEET 3 OF 15 SHEETS STA 265+00.00 TO STA 329+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(06-1HB-2 & 06-2HB)BR	BUREAU	202	26
CONTRACT NO. 66K73				
ILLINOIS FED. AID PROJECT				



EXIST. CURVE EXCL_FAI 80
 PI STA. = 347+18.00
 $\Delta = 18^\circ 06' 20''$ (RT)
 $D = 0^\circ 26' 00''$
 $R = 13,222.10'$
 $T = 2,106.66'$
 $L = 4,178.20'$
 $E = 166.77'$
 P.C. STA. = 326+11.34
 P.T. STA. = 367+89.54



PROJECT NO.: #P1010000001010
 PROJ. CONTACT: #P1010000001010
 FILE NAME: 066K73_80-align04.dgn
 PEN TABLE: #PEN_TABLE\$



USER NAME = amonocho	DESIGNED - AMM	REVISED -
PLOT SCALE = 100,0000' / in.	DRAWN - AMM	REVISED -
PLOT DATE = 2/14/2022	CHECKED - DW	REVISED -
	DATE - 2/14/2022	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

I-80
 ALIGNMENT & TIES

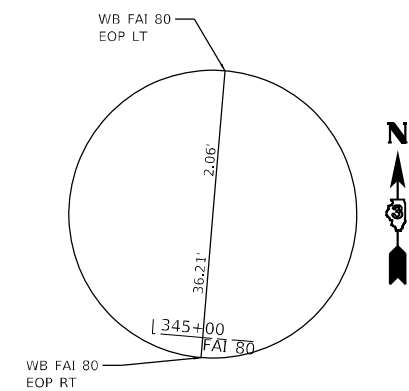
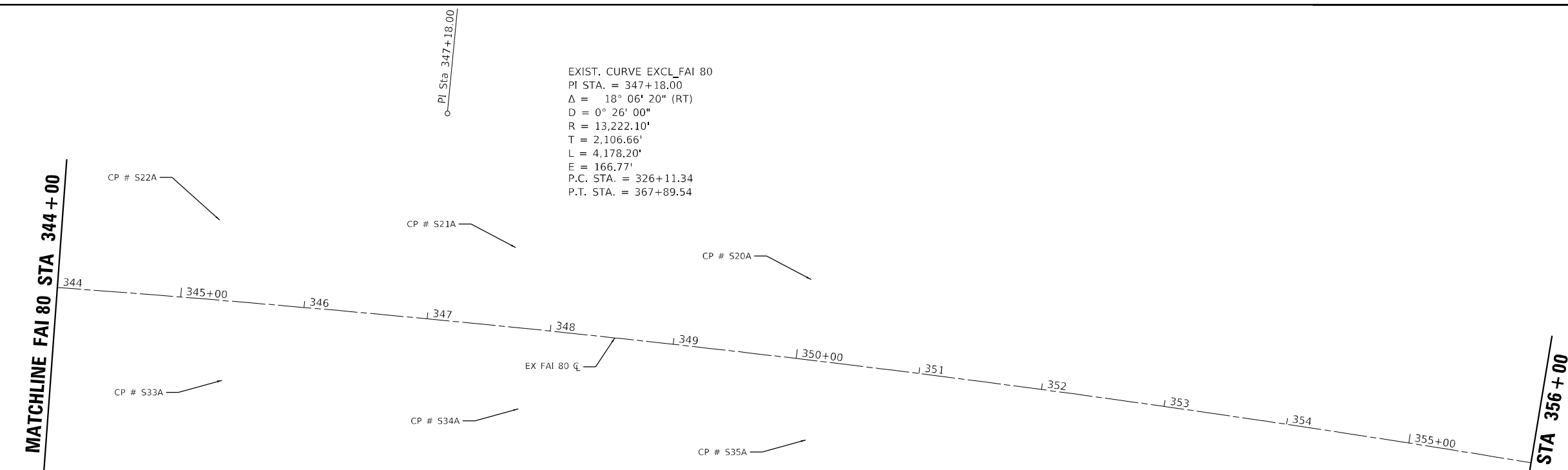
SCALE: 1"=50' SHEET 4 OF 15 SHEETS STA 329+00.00 TO STA 341+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(06-1HB-2 & 06-2HB)BR	BUREAU	202	27
CONTRACT NO.			66K73	
ILLINOIS FED. AID PROJECT				

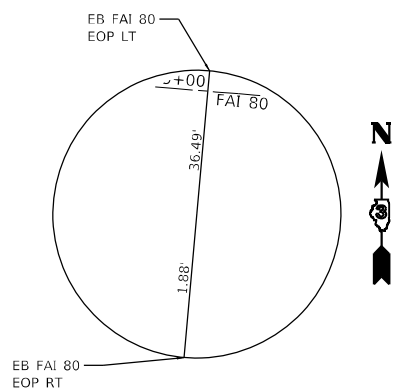
EXIST. CURVE EXCL_FAI 80
 PI STA. = 347+18.00
 $\Delta = 18^{\circ} 06' 20''$ (RT)
 D = $0^{\circ} 26' 00''$
 R = 13,222.10'
 T = 2,106.66'
 L = 4,178.20'
 E = 166.77'
 P.C. STA. = 326+11.34
 P.T. STA. = 367+89.54

MATCHLINE FAI 80 STA 344+00

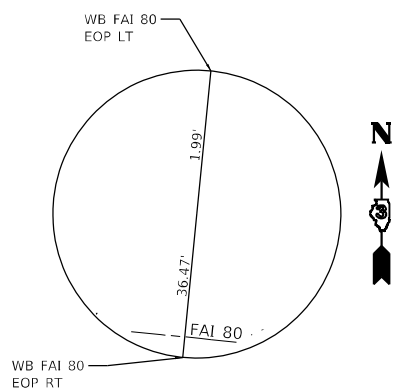
MATCHLINE FAI 80 STA 356+00



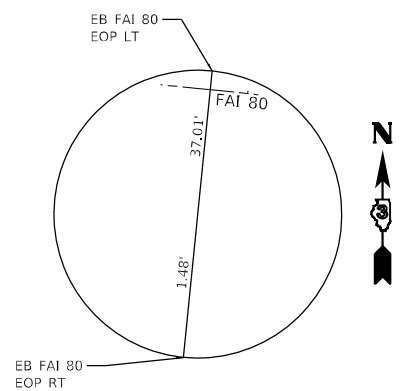
CP#S22A
 MAG NAIL IN HMA
 STA 345+26.32, 64.51' LT.
 N: 1719724.1510
 E: 2415779.6800
 ELEV: 677.35



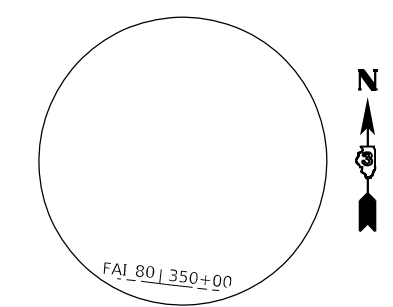
CP#S33A
 MAG NAIL IN HMA
 STA 345+38.72, 64.29' RT.
 N: 1719594.7680
 E: 2415781.3620
 ELEV: 677.33



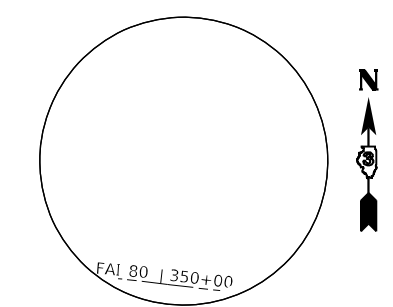
CP#S21A
 MAG NAIL IN HMA
 STA 347+65.34, 64.31' LT.
 N: 1719702.0020
 E: 2416018.8320
 ELEV: 674.42



CP#S34A
 MAG NAIL IN HMA
 STA 347+80.60, 65.13' RT.
 N: 1719571.6830
 E: 2416020.9490
 ELEV: 674.22



CP#S20A
 MAG NAIL IN HMA
 STA 350+04.43, 64.77' LT.
 N: 1719676.1850
 E: 2416257.7010
 ELEV: 671.32



CP#S35A
 MAG NAIL IN HMA
 STA 350+15.41, 64.52' RT.
 N: 1719546.5030
 E: 2416253.2500
 ELEV: 671.26

PROJECT NO.: #P06F0608210108
 PROD. CONTACT: #P06F0608210108
 FILE NAME: 0608210108.dgn
 PEN TABLE: #PEN_TABLE\$



USER NAME = amonocchlo	DESIGNED - AMM	REVISED -
PLOT SCALE = 100,0000' / in.	DRAWN - AMM	REVISED -
PLOT DATE = 2/14/2022	CHECKED - DW	REVISED -
	DATE - 2/14/2022	REVISED -

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 DEPARTMENT OF TRANSPORTATION

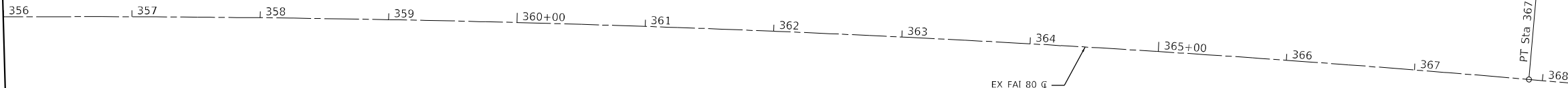
I-80
 ALIGNMENT & TIES
 SCALE: 1"=50'
 SHEET 5 OF 15 SHEETS
 STA 334+00.00 TO STA 356+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(06-1HB-2 & 06-2HB)BR	BUREAU	202	28
CONTRACT NO.			66K73	
ILLINOIS FED. AID PROJECT				



EXIST. CURVE EXCL_FAI 80
 PI STA. = 347+18.00
 $\Delta = 18^\circ 06' 20''$ (RT)
 $D = 0^\circ 26' 00''$
 $R = 13,222.10'$
 $T = 2,106.66'$
 $L = 4,178.20'$
 $E = 166.77'$
 P.C. STA. = 326+11.34
 P.T. STA. = 367+89.54

MATCHLINE FAI 80 STA 356 + 00

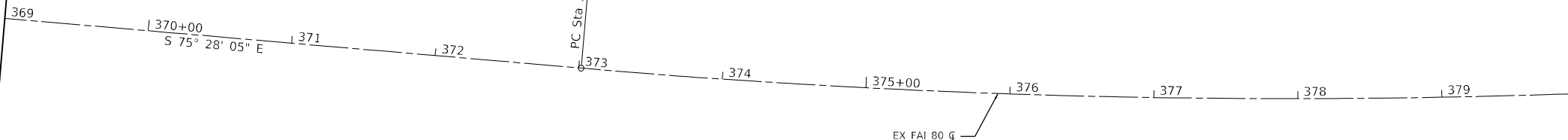


MATCHLINE FAI 80 STA 369 + 00



EXIST. CURVE EXCL_FAI 80
 PI STA. = 386+45.58
 $\Delta = 26^\circ 23' 59''$ (LT)
 $D = 1^\circ 00' 00''$
 $R = 5,729.65'$
 $T = 1,343.86'$
 $L = 2,640.00'$
 $E = 155.49'$
 P.C. STA. = 373+01.72
 P.T. STA. = 399+41.72

MATCHLINE FAI 80 STA 369 + 00



MATCHLINE FAI 80 STA 380 + 00

PROJECT NO.: #P106F0000271018
 PROJ. CONTACT: #P106F0000271018
 FILE: I:\MISC\66K73\06-ALIGN\06.dgn
 PEN TABLE: #PENL TABLE\$



USER NAME = amonocchlo	DESIGNED - AMM	REVISED -
	DRAWN - DPH	REVISED -
PLOT SCALE = 100,0000' / in.	CHECKED - DW	REVISED -
PLOT DATE = 2/14/2022	DATE - 2/14/2022	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

I-80
 ALIGNMENT & TIES

SCALE: 1"=50' SHEET 6 OF 15 SHEETS STA 356+00.00 TO STA 380+00.00

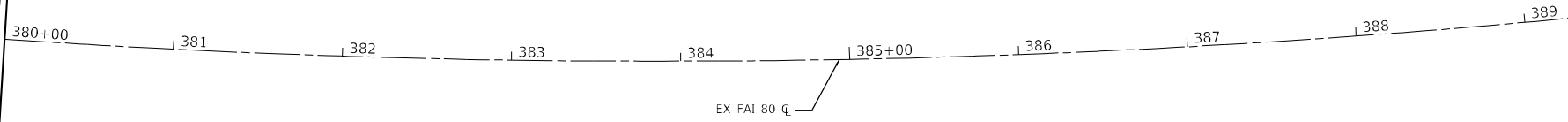
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(06-1HB-2 & 06-2HB)BR	BUREAU	202	29
CONTRACT NO. 66K73			ILLINOIS FED. AID PROJECT	



EXIST. CURVE EXCL_FAI 80
 PI STA. = 386+45.58
 $\Delta = 26^\circ 23' 59''$ (LT)
 D = 1° 00' 00"
 R = 5,729.65'
 T = 1,343.86'
 L = 2,640.00'
 E = 155.49'
 P.C. STA. = 373+01.72
 P.T. STA. = 399+41.72

MATCHLINE FAI 80 STA 380+00

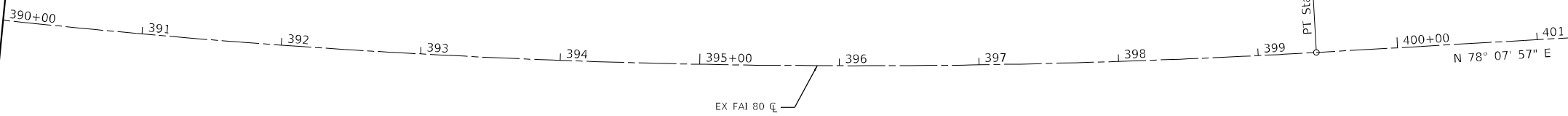
MATCHLINE FAI 80 STA 390+00



EXIST. CURVE EXCL_FAI 80
 PI STA. = 386+45.58
 $\Delta = 26^\circ 23' 59''$ (LT)
 D = 1° 00' 00"
 R = 5,729.65'
 T = 1,343.86'
 L = 2,640.00'
 E = 155.49'
 P.C. STA. = 373+01.72
 P.T. STA. = 399+41.72

MATCHLINE FAI 80 STA 390+00

MATCHLINE FAI 80 STA 402+00



PROJECT NO.: #P06F060807N08
 PROJ. CONTACT: #P06F060807N08
 FILE NAME: 060807_1300-align07.dgn
 PEN TABLE: #PEN_TABLE\$



USER NAME = amonocchlo	DESIGNED - AMM	REVISED -
	DRAWN - DPH	REVISED -
PLOT SCALE = 100,0000' / in.	CHECKED - DW	REVISED -
PLOT DATE = 2/14/2022	DATE - 2/14/2022	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

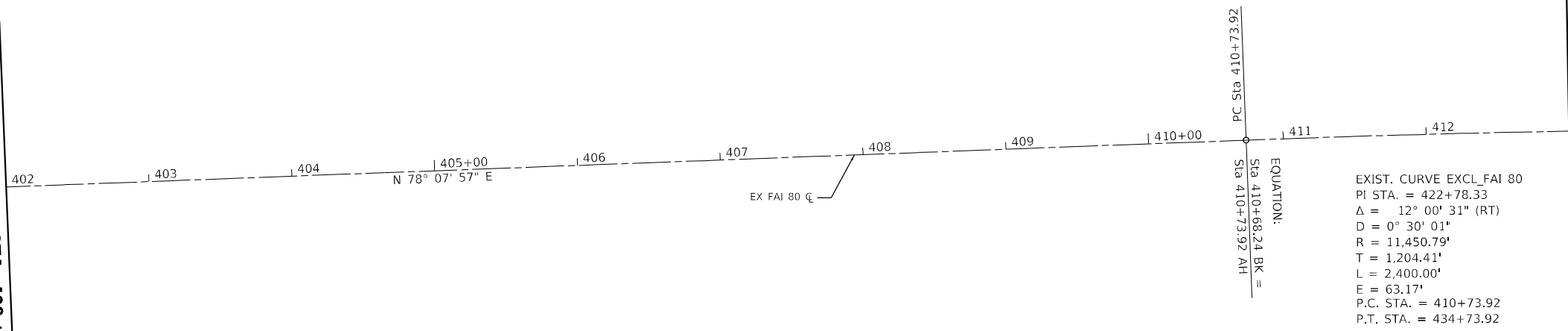
I-80
 ALIGNMENT & TIES

SCALE: 1"=50' SHEET 7 OF 15 SHEETS STA 380+00.00 TO STA 402+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(06-1HB-2 & 06-2HB)BR	BUREAU	202	30
CONTRACT NO. 66K73			ILLINOIS FED. AID PROJECT	

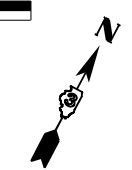


MATCHLINE FAI 80 STA 402+00

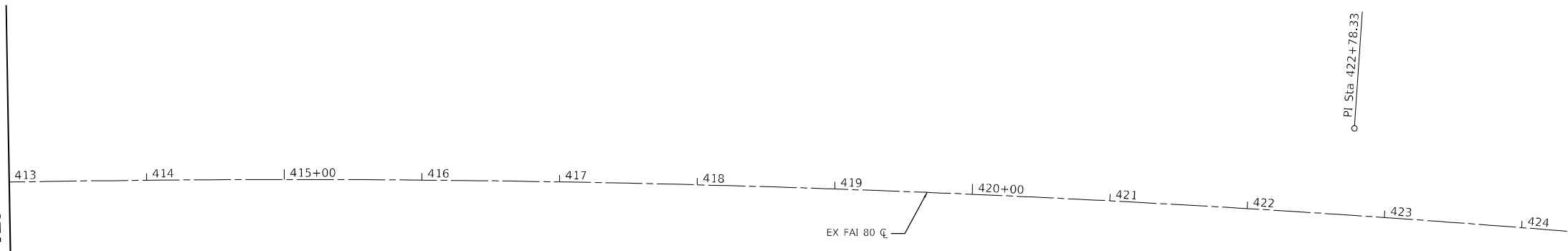


EXIST. CURVE EXCL_FAI 80
 PI STA. = 422+78.33
 Δ = 12° 00' 31" (RT)
 D = 0° 30' 01"
 R = 11,450.79'
 T = 1,204.41'
 L = 2,400.00'
 E = 63.17'
 P.C. STA. = 410+73.92
 P.T. STA. = 434+73.92

MATCHLINE FAI 80 STA 413+00



MATCHLINE FAI 80 STA 413+00



EXIST. CURVE EXCL_FAI 80
 PI STA. = 422+78.33
 Δ = 12° 00' 31" (RT)
 D = 0° 30' 01"
 R = 11,450.79'
 T = 1,204.41'
 L = 2,400.00'
 E = 63.17'
 P.C. STA. = 410+73.92
 P.T. STA. = 434+73.92

MATCHLINE FAI 80 STA 425+00

PROJECT NO.: #P06F060821018
 PROD. CONTACT: #P06F060821018
 FILE NAME: 060821018.dgn
 PEN TABLE: #PEN_TABLE\$



USER NAME = amonocchlo	DESIGNED - AMM	REVISED -
PLOT SCALE = 100,0000' / in.	CHECKED - DW	REVISED -
PLOT DATE = 2/14/2022	DATE - 2/14/2022	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

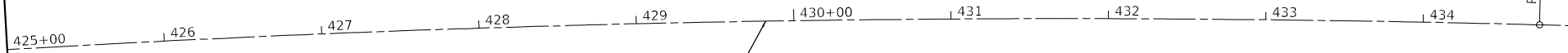
**I-80
 ALIGNMENT & TIES**

SCALE: 1"=50' SHEET 8 OF 15 SHEETS STA 402+00.00 TO STA 425+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(06-1HB-2 & 06-2HB)BR	BUREAU	202	31
CONTRACT NO. 66K73			ILLINOIS FED. AID PROJECT	



MATCHLINE FAI 80 STA 425 + 00



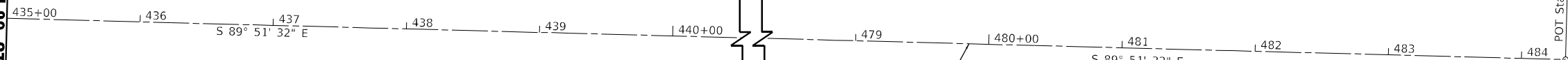
MATCHLINE FAI 80 STA 435 + 00

PT Sta 434+73.92

EXIST. CURVE EXCL_FAI 80
 PI STA. = 422+78.33
 $\Delta = 12^\circ 00' 31''$ (RT)
 $D = 0^\circ 30' 01''$
 $R = 11,450.79'$
 $T = 1,204.41'$
 $L = 2,400.00'$
 $E = 63.17'$
 P.C. STA. = 410+73.92
 P.T. STA. = 434+73.92



MATCHLINE FAI 80 STA 435 + 00



POT Sta 484+33.12

PROJECT NO.: #P06F060821018
 PROJ. CONTACT: #P06F060821018
 FILE NAME: 060821018-01-01-01.dgn
 PEN TABLE: #PEN_TABLE\$



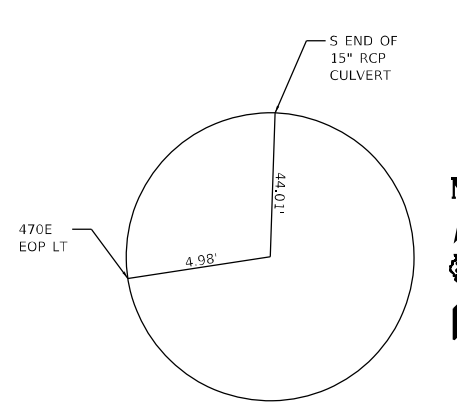
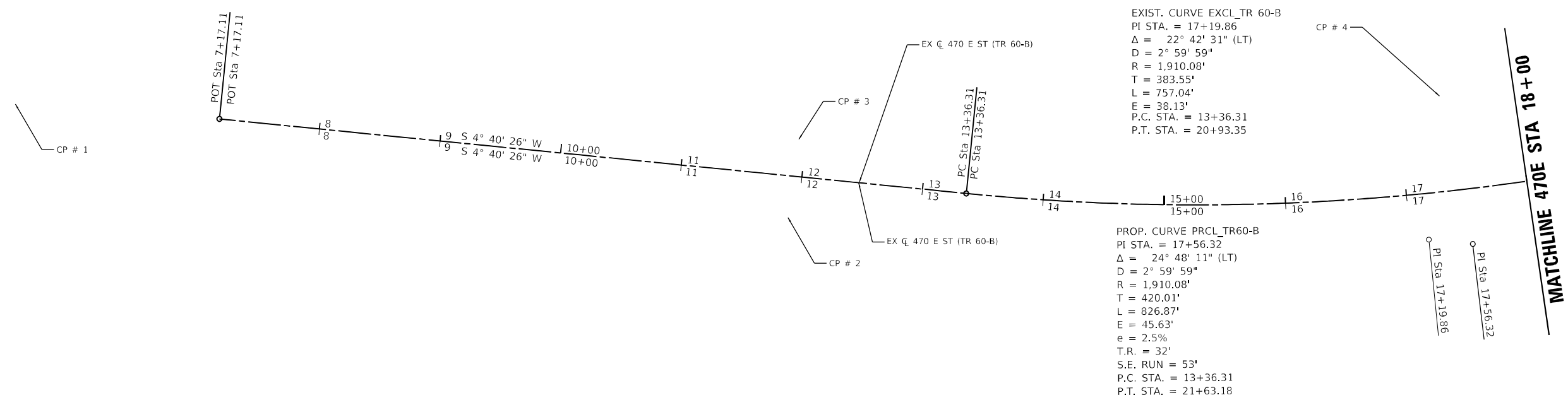
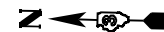
USER NAME = amonocchlo	DESIGNED - AMM	REVISED -
PLOT SCALE = 100,0000' / in.	DRAWN - DPH	REVISED -
PLOT DATE = 2/14/2022	CHECKED - DW	REVISED -
	DATE - 2/14/2022	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

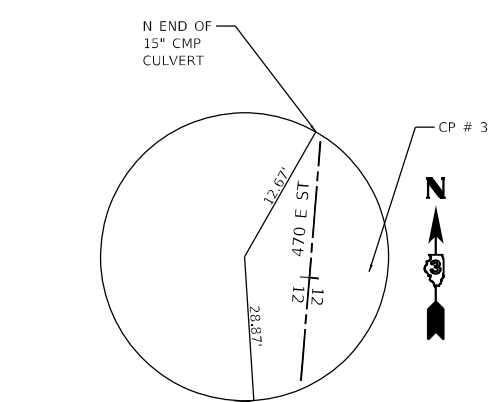
**I-80
ALIGNMENT & TIES**

SCALE: 1"=50' SHEET 9 OF 15 SHEETS STA 425+00.00 TO STA 484+33.12 (POT)

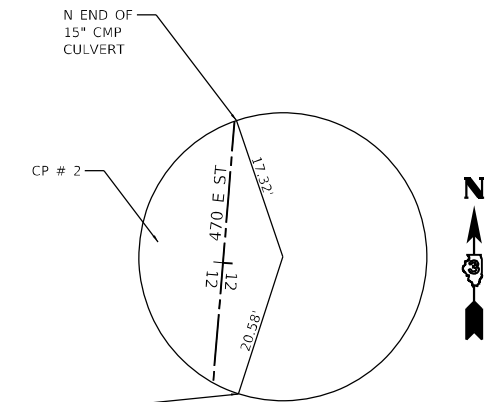
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(06-1HB-2 & 06-2HB)BR	BUREAU	202	32
CONTRACT NO.			66K73	
ILLINOIS FED. AID PROJECT				



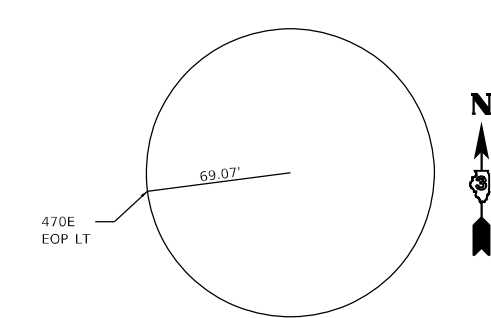
CP#1
 1/2" REBAR W/CAP
 N: 1720659.7420
 E: 2406514.5480
 ELEV: 637.51



CP#2
 1/2" REBAR W/CAP
 STA 11+91.95, 34.51' RT.
 N: 170020.7430
 E: 2406432.1510
 ELEV: 640.32



CP#3
 MAG NAIL IN HMA
 STA 11+94.46, 30.89' LT.
 N: 1720012.9160
 E: 2406497.1300
 ELEV: 640.72



CP#4
 MAG NAIL IN HMA
 STA 17+36.11, 78.89' LT.
 N: 1719485.1380
 E: 2406542.2410
 ELEV: 640.98

PROJECT NO.: #PROJ#ENG#DGN#
 PROJ. CONTACT: #PROJ#MGR#
 FILE NAME: 066K73_470E-01.dgn
 PEN TABLE: #PEN#.TABLE#



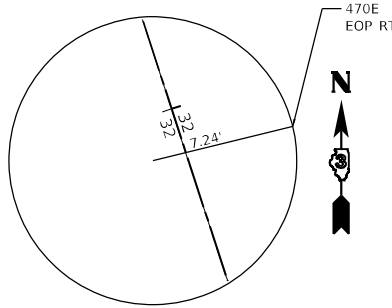
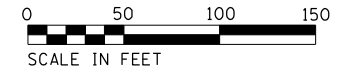
USER NAME = amonocchlo	DESIGNED -	REVISED - AMM
	DRAWN -	REVISED - AMM
PLOT SCALE = 100,0000' / in.	CHECKED -	REVISED - DW
PLOT DATE = 2/14/2022	DATE -	REVISED - 2/14/2022

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

470 E ST
ALIGNMENT & TIES

SCALE: 1"=50' SHEET 10 OF 15 SHEETS STA 7+17.11 (POT) TO STA 18+00.00

F.A.J. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(06-1HB-2 & 06-2HB)BR	BUREAU	202	33
CONTRACT NO.			66K73	
ILLINOIS FED. AID PROJECT				



PROP. CURVE PRCL_TR60-B
 PI STA. = 17+56.32
 $\Delta = 24^\circ 48' 11''$ (LT)
 $D = 2^\circ 59' 59''$
 $R = 1,910.08'$
 $T = 420.01'$
 $L = 826.87'$
 $E = 45.63'$
 $e = 2.5\%$
 $T.R. = 32'$
 $S.E. RUN = 53'$
 $P.C. STA. = 13+36.31$
 $P.T. STA. = 21+63.18$

PROP. CURVE PRCL_TR60-B
 PI STA. = 22+75.24
 $\Delta = 3^\circ 57' 43''$ (RT)
 $D = 1^\circ 46' 06''$
 $R = 3,240.00'$
 $T = 112.06'$
 $L = 224.04'$
 $E = 1.94'$
 $e = NC$
 $T.R. = NC$
 $S.E. RUN = NC$
 $P.C. STA. = 21+63.18$
 $P.T. STA. = 23+87.21$

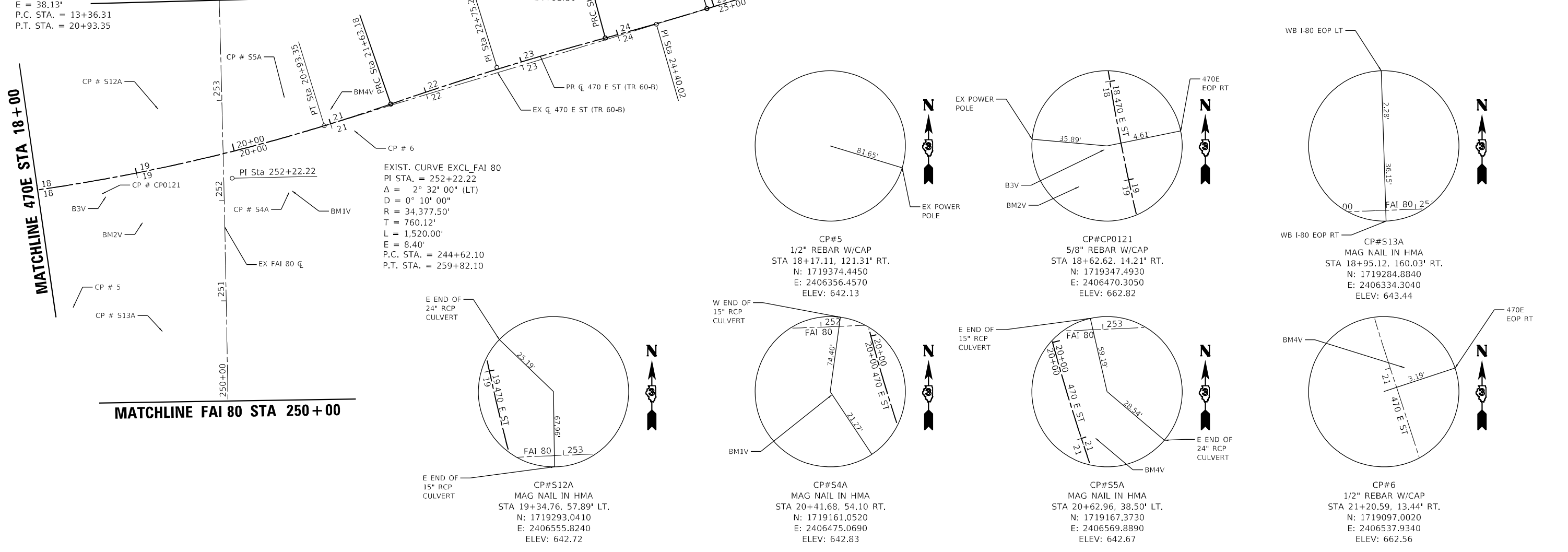
PROP. CURVE PRCL_TR60-B
 PI STA. = 24+40.02
 $\Delta = 1^\circ 52' 02''$ (LT)
 $D = 1^\circ 46' 06''$
 $R = 3,240.00'$
 $T = 52.80'$
 $L = 105.59'$
 $E = 0.43'$
 $e = NC$
 $T.R. = NC$
 $S.E. RUN = NC$
 $P.C. STA. = 23+87.21$
 $P.T. STA. = 24+92.81$

EXIST. CURVE EXCL_TR 60-B
 PI STA. = 17+19.86
 $\Delta = 22^\circ 42' 31''$ (LT)
 $D = 2^\circ 59' 59''$
 $R = 1,910.08'$
 $T = 383.55'$
 $L = 757.04'$
 $E = 38.13'$
 $P.C. STA. = 13+36.31$
 $P.T. STA. = 20+93.35$

MATCHLINE FAI 80 STA 254+00

MATCHLINE 470E STA 18+00

MATCHLINE FAI 80 STA 250+00



PROJECT NO.: #PRC/ENG/02/10/08
 PROD. CONTACT: #PRC/AMM/02/10/08
 FILE NAME: 066K73_470E-01/02.dgn
 PEN TABLE: #PENL TABLE



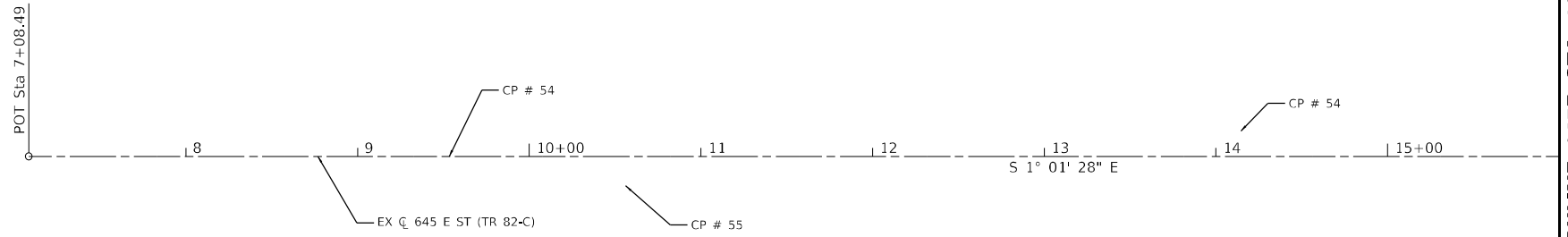
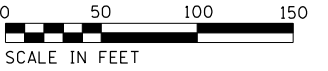
USER NAME = amonocchlo	DESIGNED - AMM	REVISED -
PLOT SCALE = 100,0000' / in.	DRAWN - AMM	REVISED -
PLOT DATE = 2/14/2022	CHECKED - DW	REVISED -
	DATE - 2/14/2022	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

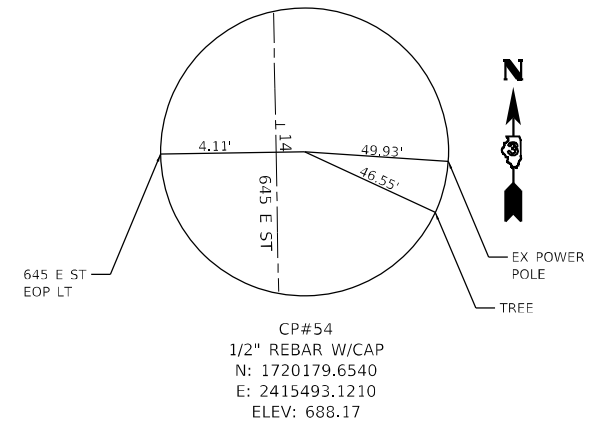
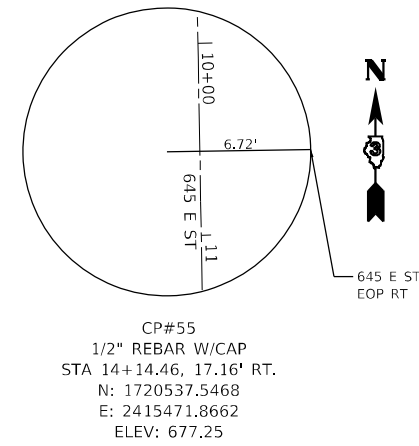
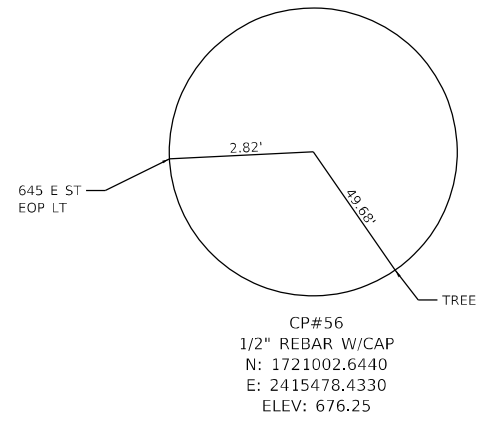
**470 E ST OVER I-80
 ALIGNMENT & TIES**

SCALE: 1"=50' SHEET 11 OF 15 SHEETS STA 18+00.00 TO STA 33+57.49 (POT)

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(06-1HB-2 & 06-2HB)BR	BUREAU	202	34
CONTRACT NO. 66K73			ILLINOIS FED. AID PROJECT	



MATCHLINE 645E STA 16+00



PROJECT NO.: 66K73
PROJ. CONTACT: #PROJMANAGER
FILE NAME: 066K73_645E-916r0.dgn
PEN TABLE: #PEN_TABLE\$



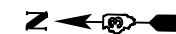
USER NAME = amonocchlo	DESIGNED - AMM	REVISED -
	DRAWN - AMM	REVISED -
PLOT SCALE = 100,0000' / in.	CHECKED - DW	REVISED -
PLOT DATE = 2/14/2022	DATE - 2/14/2022	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**645 E ST
ALIGNMENT & TIES**

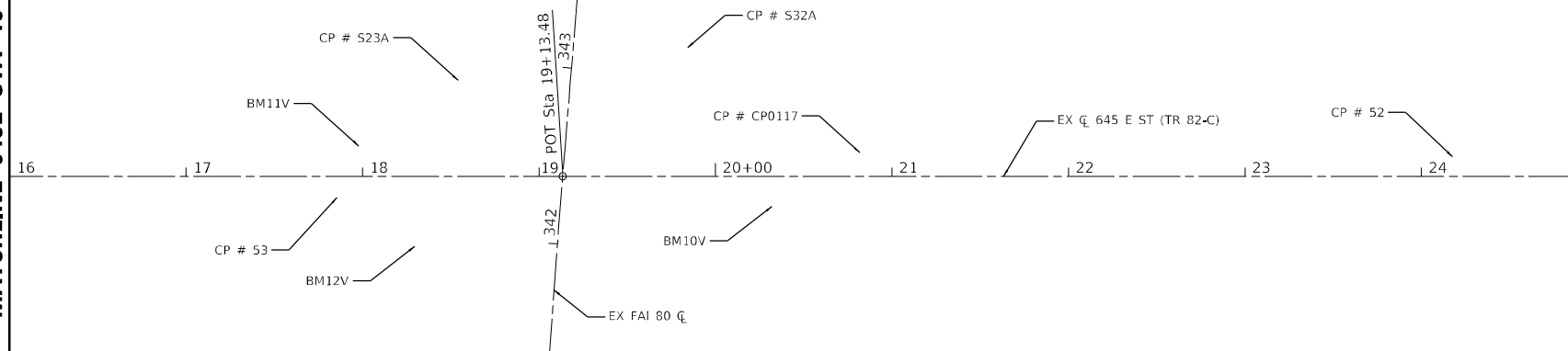
SCALE: 1"=50' SHEET 12 OF 15 SHEETS STA 7+08.49 (POT) TO STA 16+00.00

F.A.J. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(06-1HB-2 & 06-2HB)BR	BUREAU	202	35
CONTRACT NO.			66K73	
ILLINOIS FED. AID PROJECT				



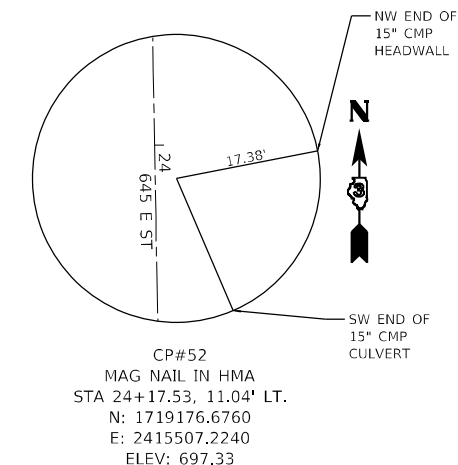
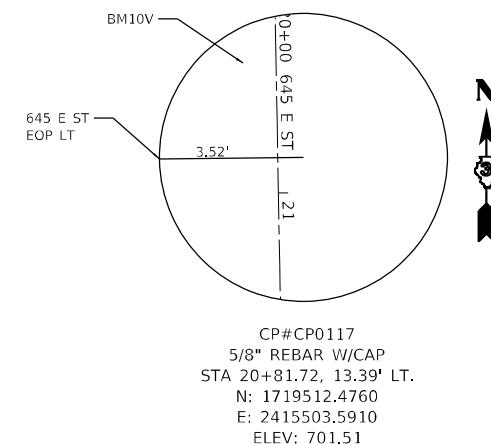
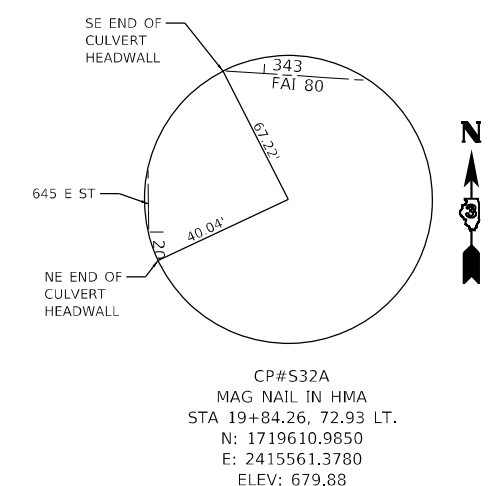
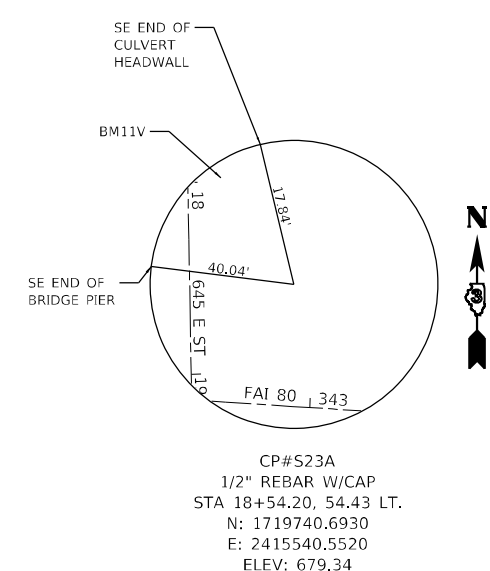
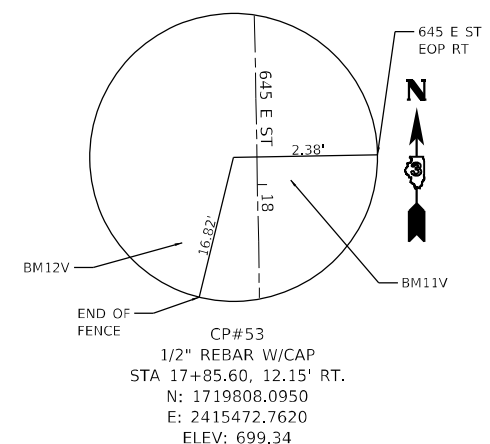
EXIST. CURVE EXCL FAI 80
 PI STA. = 347+18.00
 $\Delta = 18^\circ 06' 20''$ (RT)
 $D = 0^\circ 26' 00''$
 $R = 13,222.10'$
 $T = 2,106.66'$
 $L = 4,178.20'$
 $E = 166.77'$
 P.C. STA. = 326+11.34
 P.T. STA. = 367+89.54

MATCHLINE 645E STA 16+00



MATCHLINE 645E STA 25+00

MATCHLINE FAI 80 STA 341+00



PROJECT NO.: SPRINGFIELD087108
 PROJ. CONTACT: #PROMM@DLZ
 FILE NAME: 086871_645E-010102.dgn
 PEN TABLE: #PEN_TABLE\$



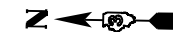
USER NAME = amonocchlo	DESIGNED - AMM	REVISED -
PLOT SCALE = 100,0000' / in.	DRAWN - AMM	REVISED -
PLOT DATE = 2/14/2022	CHECKED - DW	REVISED -
	DATE - 2/14/2022	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**645 E ST OVER I-80
 ALIGNMENT & TIES**

SCALE: 1"=50' SHEET 13 OF 15 SHEETS STA 16+00.00 TO STA 25+00.00

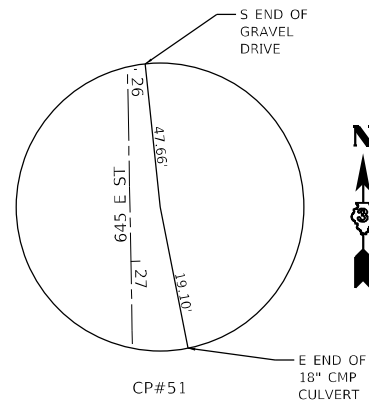
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(06-1HB-2 & 06-2HB)BR	BUREAU	202	36
CONTRACT NO.			66K73	
ILLINOIS FED. AID PROJECT				



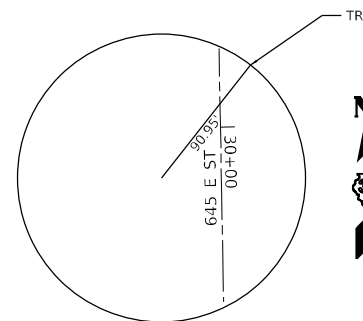
MATCHLINE 645E STA 25 + 00



POT Sta. 40+09.10



CP#51
1/2" REBAR W/CAP
STA 26+72.03, 15.69' LT.
N: 1718922.3010
E: 2415516.4420
ELEV: 694.77



CP#MF0995
DISK IN CONCRETE MON
N: 1718567.6230
E: 2415475.8780
ELEV: 697.04

PROJECT NO.: #PROM000037108
PROJ. CONTACT: #PROM000037108
FILE NAME: 06060173_645E-01.dgn
PEN TABLE: #PEN_TABLE\$



USER NAME = amonocchlo	DESIGNED - AMM	REVISED -
PLOT SCALE = 100,0000' / in.	DRAWN - AMM	REVISED -
PLOT DATE = 2/14/2022	CHECKED - DW	REVISED -
	DATE - 2/14/2022	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**645 E ST
ALIGNMENT & TIES**

SCALE: 1"=50' SHEET 14 OF 15 SHEETS STA 25+00.00 TO STA 40+09.10 (POT)

F.A.J. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(06-1HB-2 & 06-2HB)BR	BUREAU	202	37
CONTRACT NO.				66K73
ILLINOIS FED. AID PROJECT				

BENCHMARKS

- BM#BM12V CROSS IN CONCRETE
39.76' RT. STA. 18+29.6 ELEV: 680.62
- BM#BM11V CROSS IN CONCRETE
17.25' LT. STA. 17+97.9 ELEV: 700.32
- BM#BM10V CROSS IN CONCRETE
17.17' RT. STA. 20+32.0 ELEV: 702.28
- BM#BM4V CROSS IN CONCRETE
13.57' LT. STA. 21+04.3 ELEV: 663.28
- BM#B3V CROSS IN CONCRETE
17.63' RT. STA. 18+65.8 ELEV: 664.99
- BM#BM2V CROSS IN CONCRETE
49.85' RT. STA. 18+96.3 ELEV: 642.55
- BM#BM1V CROSS IN CURB
53.57' RT. STA. 20+45.2 ELEV: 643.17

ALIGNMENT COORDINATES -EX FAI 80			
EX FAI 80	STATION	N	E
POT	149+13.88	1719030.7147	2396181.6485
PC	244+62.10	1719204.1992	2405728.2923
PI	252+22.22	1719218.0102	2406488.2914
PT	259+82.10	1719265.4000	2407246.9372
PI	266+02.90	1719304.1037	2407866.5296
EQ BK	295+97.90 BK	1719491.3899	2410855.6679
EQ AH	296+00.00 AH	1719491.3899	2410855.6679
PC	326+11.34	1719679.0819	2413861.1534
PI	347+18.00	1719810.3867	2415963.7170
PT	367+89.54	1719281.7798	2418002.9790
PC	373+01.72	1719153.2627	2418498.7730
PI	386+45.58	1718816.0590	2419799.6391
PT	399+41.72	1719092.4249	2421114.7745
PC	410+73.92	1719324.0948	2422217.2162
EQ BK	410+68.24 BK	1719324.0948	2422217.2162
EQ AH	410+73.92 AH	1719324.0948	2422217.2162
PI	422+78.33	1719571.7827	2423395.8825
PT	434+73.92	1719568.8158	2424600.2888
POT	484+33.12	1719556.5990	2429559.4738

ALIGNMENT COORDINATES -EX TR 60-B			
EX TR 60-B	STATION	N	E
POT	7+17.11	1720491.1954	2406505.2412
PC	13+36.31	1719874.0546	2406454.7848
PI	17+19.86	1719491.7761	2406423.5304
PT	20+93.35	1719127.0660	2406542.2751
POT	33+57.49	1717925.0333	2406933.6411

ALIGNMENT COORDINATES -PR TR 60-B			
PR TR 82-C	STATION	N	E
POT	7+17.11	1720491.1954	2406505.2412
PC	13+36.31	1719874.0546	2406454.7848
PI	17+56.32	1719455.4380	2406420.5594
PRC	21+63.18	1719061.0794	2406565.1016
PI	22+75.24	1718955.8609	2406603.6668
PRC	23+87.21	1718848.2368	2406634.8679
PI	24+40.02	1718797.5165	2406649.5721
PT	24+92.81	1718747.3098	2406665.9187
POT	33+57.57	1717925.0333	2406933.6411

ALIGNMENT COORDINATES -EX TR 82-C			
EX TR 82-C	STATION	N	E
POT	7+08.49	1720885.2462	2415465.6493
POT	19+13.48	1719680.4488	2415487.1914
POT	40+09.10	1717585.1637	2415524.6558

PROJECT NO.: #PR0608021018
 PROJ. CONTACT: #PR0608021018
 FILE NAME: 066K73.dwg
 PEN TABLE: #PEN TABLE\$



USER NAME = amonocchlo	DESIGNED - AMM	REVISED -
PLOT SCALE = 100,0000 ' / in.	DRAWN - DPH	REVISED -
PLOT DATE = 2/14/2022	CHECKED - DW	REVISED -
	DATE - 2/14/2022	REVISED -

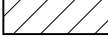
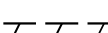




**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

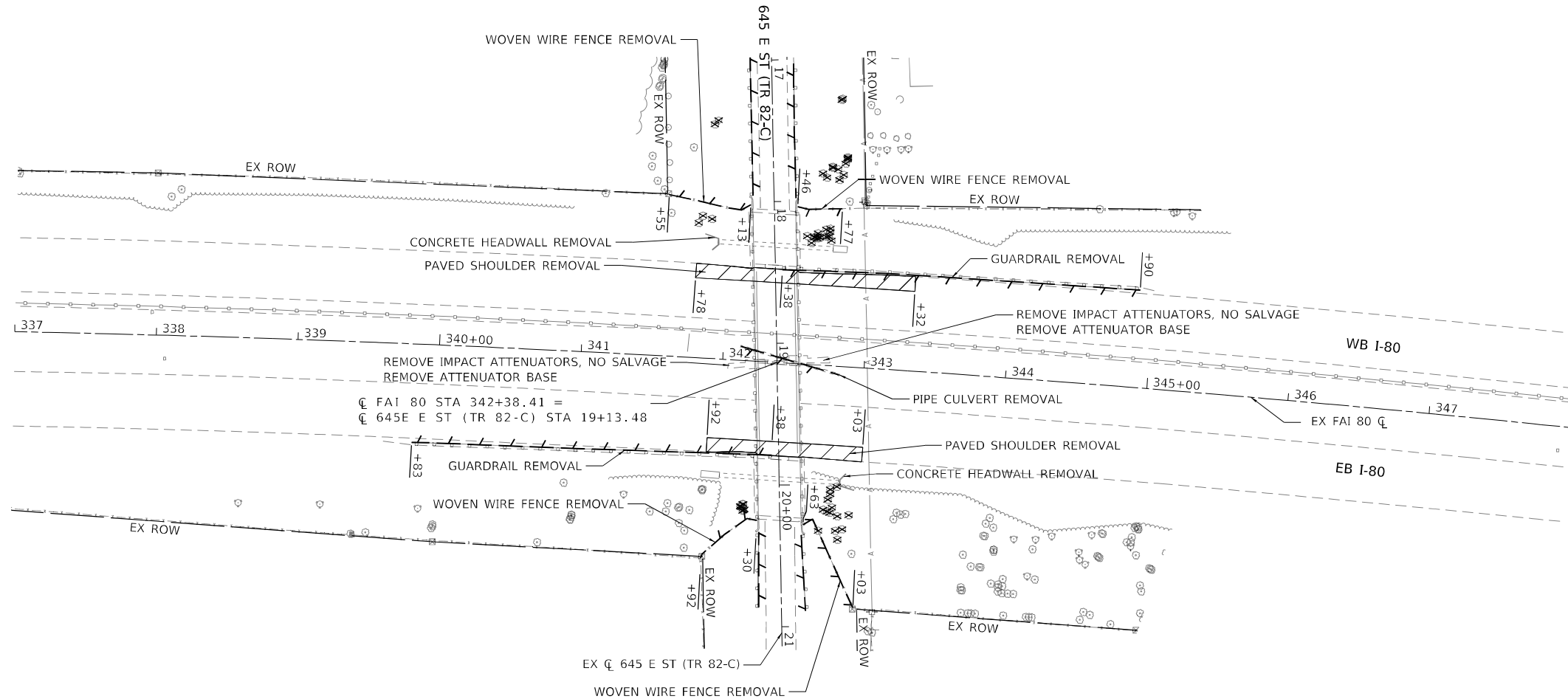
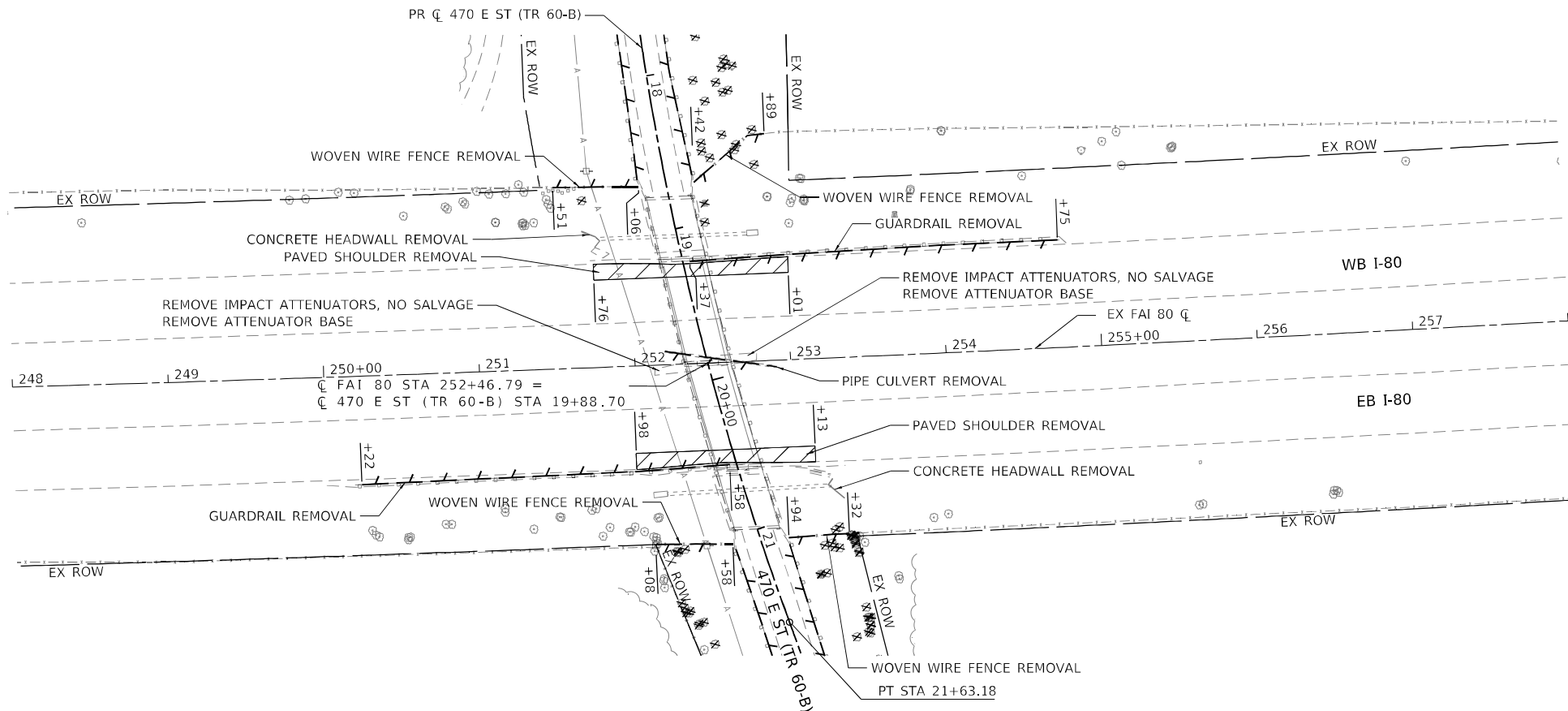
ALIGNMENT INFO & BENCHMARKS

SCALE: SHEET 15 OF 15 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(06-1HB-2 & 06-2HB)BR	BUREAU	202	38
			CONTRACT NO. 66K73	
ILLINOIS FED. AID PROJECT				

LEGEND

-  PAVED SHOULDER REMOVAL (44004250)
-  LINEAR REMOVAL ITEM AS NOTED
-  PIPE CULVERT REMOVAL (50105220)
-  GUARDRAIL REMOVAL (63400310)
-  WOVEN WIRE FENCE REMOVAL (X6650202)
-  TREE REMOVAL
(SEE SCHEDULE FOR TREES TO BE REMOVED AND THEIR SIZES. REMOVAL OF TREES <6" TO BE CLEARED IN ACCORDANCE WITH IDOT STANDARD SPECIFICATION 201.01(a).)



PROJECT NO.: #PR06F0000210108
 PROD. CONTACT: #PR06F0000210108
 FILE NAME: 066K73-80-removal.dgn
 PEN TABLE: #PENL TABLE\$



USER NAME = amonocchlo	DESIGNED - BBL	REVISED -
PLOT SCALE = 100,0000' / in.	DRAWN - BBL	REVISED -
PLOT DATE = 2/14/2022	CHECKED - DW	REVISED -
	DATE - 2/14/2022	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**I-80
REMOVAL PLANS**

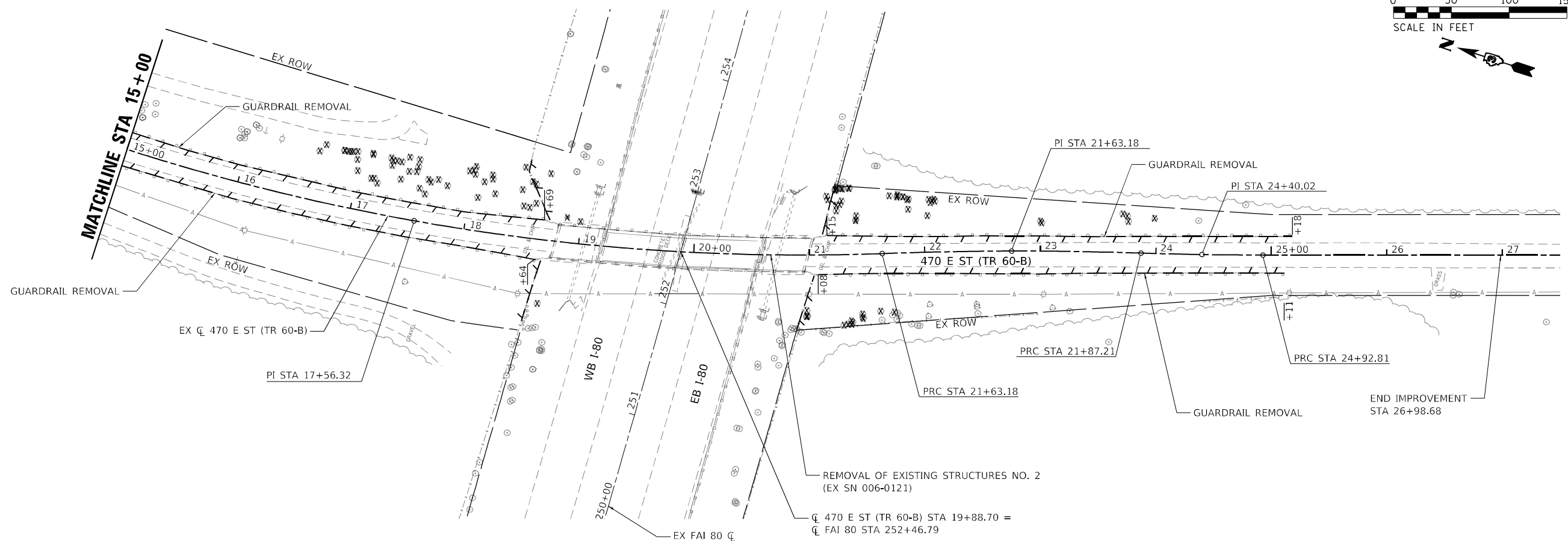
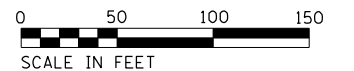
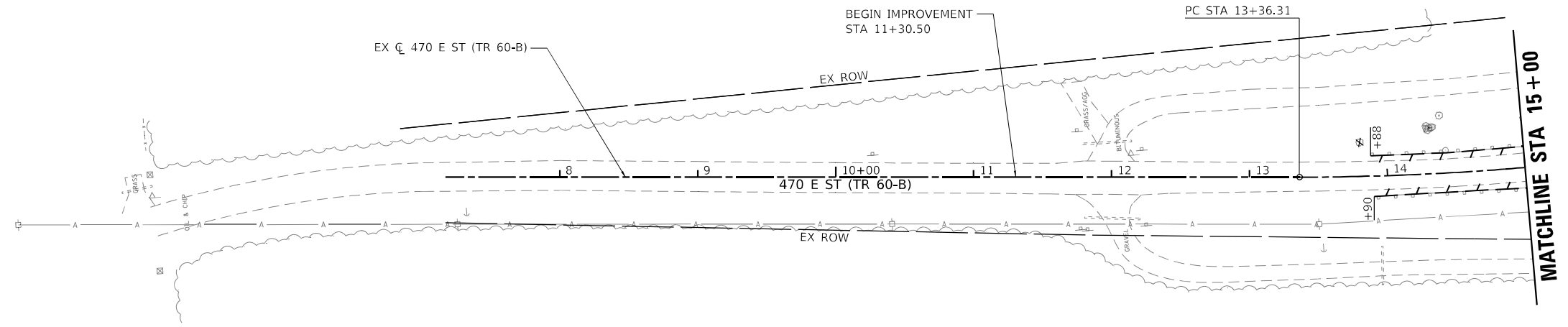
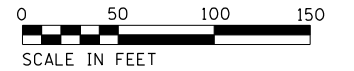
SCALE: 1"=50' SHEET 1 OF 3 SHEETS STA. 248+00.00 TO STA. 348+00.00

F.A.J. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(06-1HB-2 & 06-2HB)BR	BUREAU	202	39
			CONTRACT NO. 66K73	
ILLINOIS FED. AID PROJECT				

LEGEND

--- LINEAR REMOVAL ITEM AS NOTED
GUARDRAIL REMOVAL (63400310)

⊗ TREE REMOVAL
(SEE SCHEDULE FOR TREES TO BE REMOVED AND THEIR SIZES.
REMOVAL OF TREES <6" TO BE CLEARED IN ACCORDANCE WITH IDOT STANDARD SPECIFICATION 201.01(a).



PROJECT NO.: #PR01600001010
 PROJ. CONTACT: #PR01600001010
 FILE NAME: 06-11-2022-Removal.dgn
 PEN TABLE: #PEN_TABLE\$



USER NAME = amonocchlo	DESIGNED - AMM	REVISED -
PLOT SCALE = 100,0000' / in.	DRAWN - AMM	REVISED -
PLOT DATE = 2/14/2022	CHECKED - DW	REVISED -
	DATE - 2/14/2022	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

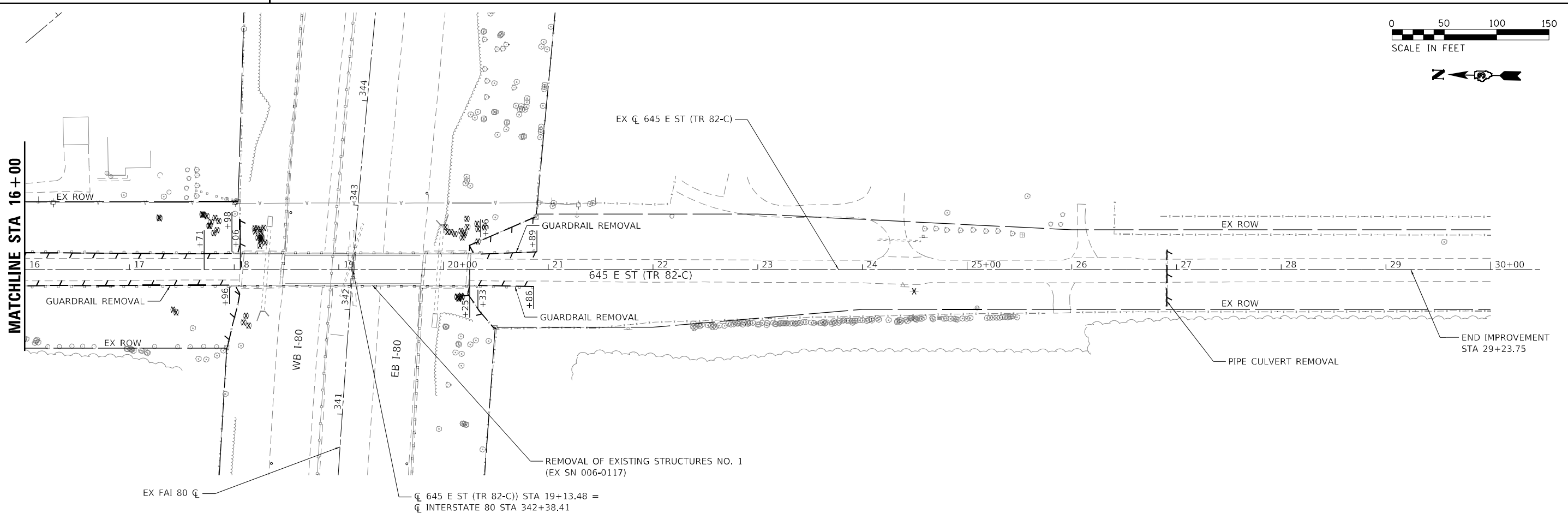
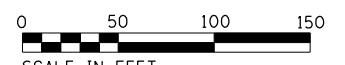
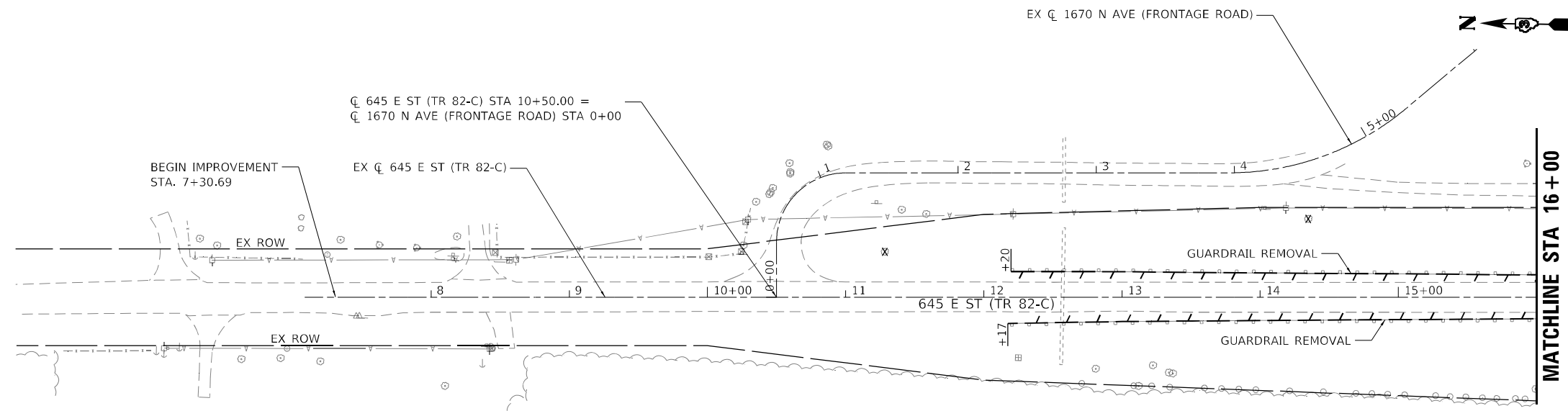
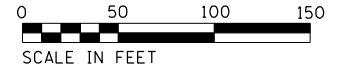
**470 E ST (TR 60-B) OVER I-80
REMOVAL PLAN**

SCALE: 1"=50' SHEET 2 OF 3 SHEETS STA. 11+30.50 (POB) TO STA. 26+98.68 (POB)

F.A.J. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(06-1HB-2 & 06-2HB)BR	BUREAU	202	40
CONTRACT NO. 66K73			ILLINOIS FED. AID PROJECT	

LEGEND

- LINEAR REMOVAL ITEM AS NOTED
GUARDRAIL REMOVAL (63400310)
PIPE CULVERT REMOVAL (50105220)
- X INDIVIDUAL REMOVAL ITEM AS NOTED
RELOCATE SIGN PANEL ASSEMBLY-TYP A OR B
- ⊗ INDIVIDUAL TREE REMOVAL
(SEE SCHEDULE FOR TREES TO BE
REMOVED AND THEIR SIZES.
REMOVAL OF TREES <6" TO BE
CLEARED IN ACCORDANCE WITH
IDOT STANDARD SPECIFICATION
201.01(a).



PROJECT NO.: #PROJ#0000000000
 PROD. CONTACT: #PROJ#0000000000
 FILE NAME: 066K73_645E-Removal.dgn
 PEN TABLE: #PENL TABLE#



USER NAME = amonocho	DESIGNED - AMM	REVISED -
PLOT SCALE = 100,0000' / in.	DRAWN - AMM	REVISED -
PLOT DATE = 2/14/2022	CHECKED - DW	REVISED -
	DATE - 2/14/2022	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**645 E ST (TR 82-C) OVER I-80
REMOVAL PLANS**

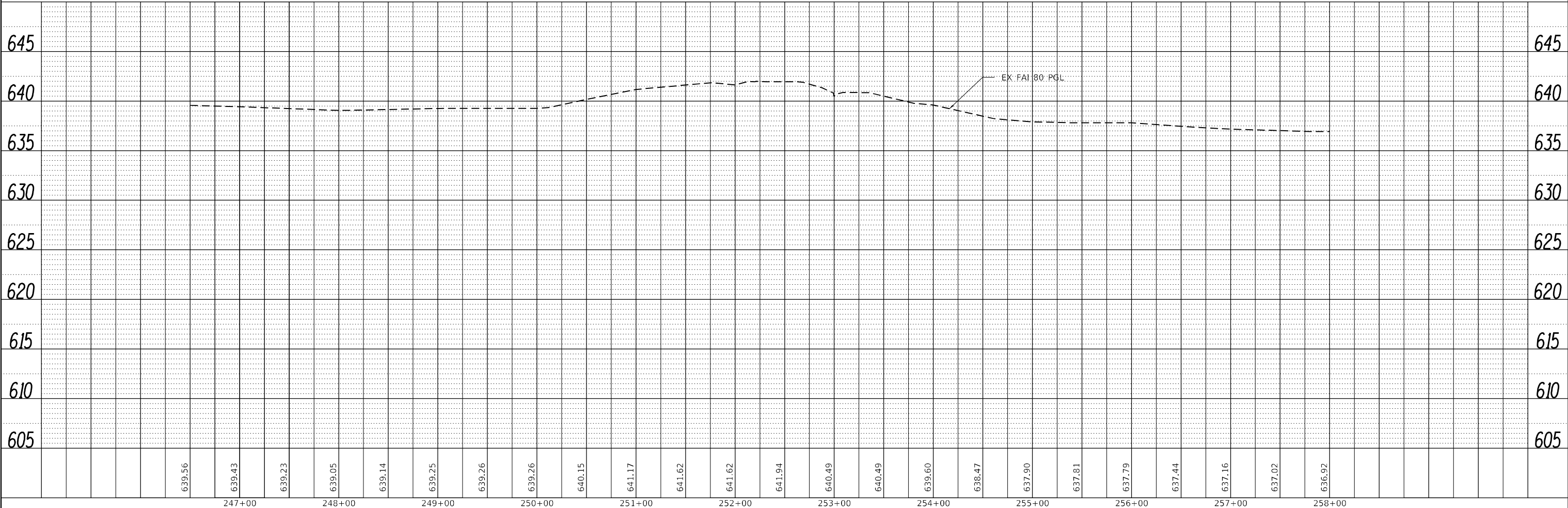
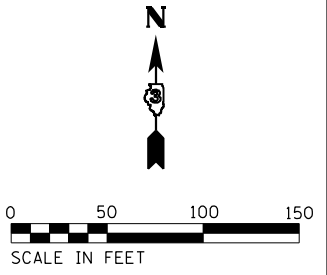
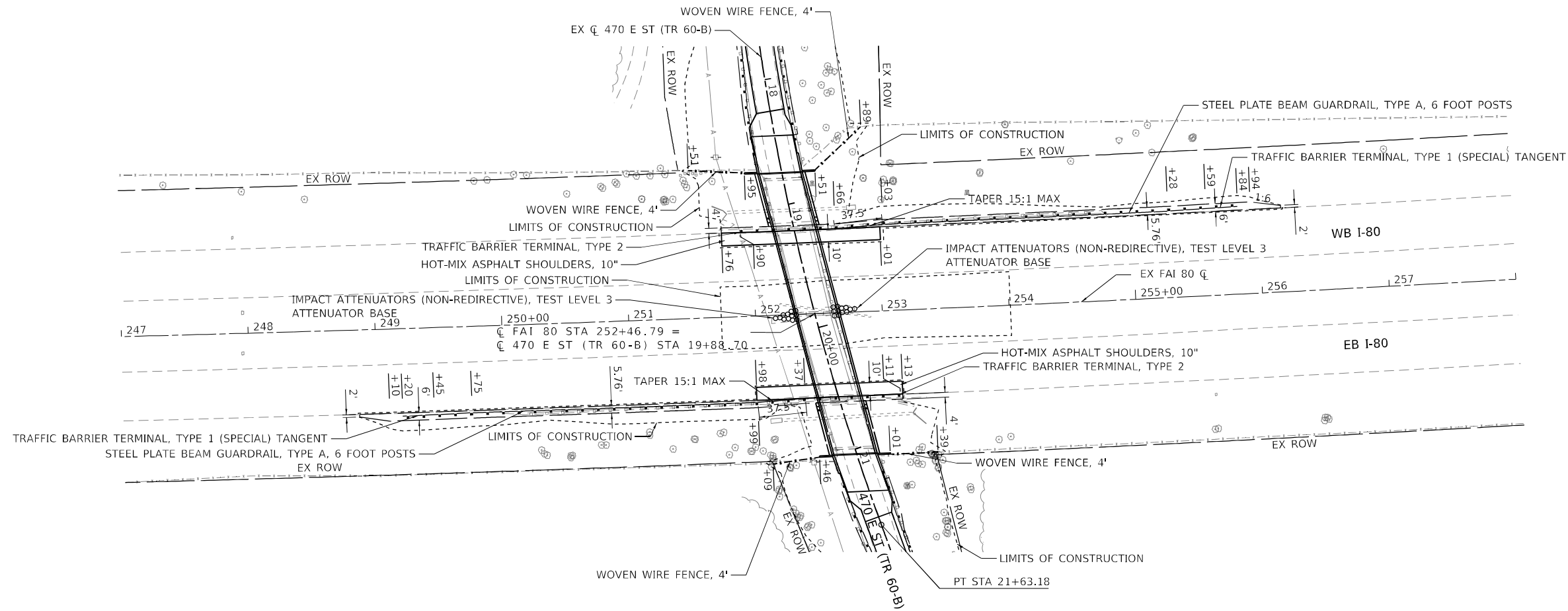
SCALE: 1"=50' SHEET 3 OF 3 SHEETS STA 7+30.69 (POB) TO STA 29+23.75 (POE)

F.A.J. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(06-1HB-2 & 06-2HB)BR	BUREAU	202	41
CONTRACT NO. 66K73			ILLINOIS FED. AID PROJECT	

PLAN	SURVEYED	DATE
	PLOTTED	BY
	ALIGNMENT CHECKED	
	GRADE CHECKED	
	STRUCTURE NOTATIONS CHECKED	
	NOTE BOOK NO.	
	FILE NAME	
	PEN TABLE	

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

PROJECT NO.: #P060800000000
 PROD. CONTACT: #P060800000000
 FILE NAME: 060800000000.dgn
 PEN TABLE: #PENL TABLES



639.56	639.43	639.23	639.05	639.14	639.25	639.26	639.26	640.15	641.17	641.62	641.62	641.94	640.49	640.49	639.60	638.47	637.90	637.81	637.79	637.44	637.16	637.02	636.92
247+00	248+00	249+00	250+00	251+00	252+00	253+00	254+00	255+00	256+00	257+00	258+00												



USER NAME = amonocchlo	DESIGNED - BBL	REVISED -
	DRAWN - BBL	REVISED -
PLOT SCALE = 100,0000' / in.	CHECKED - DW	REVISED -
PLOT DATE = 2/14/2022	DATE - 2/14/2022	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCALE: 1"=50'		SHEET 1 OF 6 SHEETS		STA. 247+00.00 TO STA. 258+00.00	
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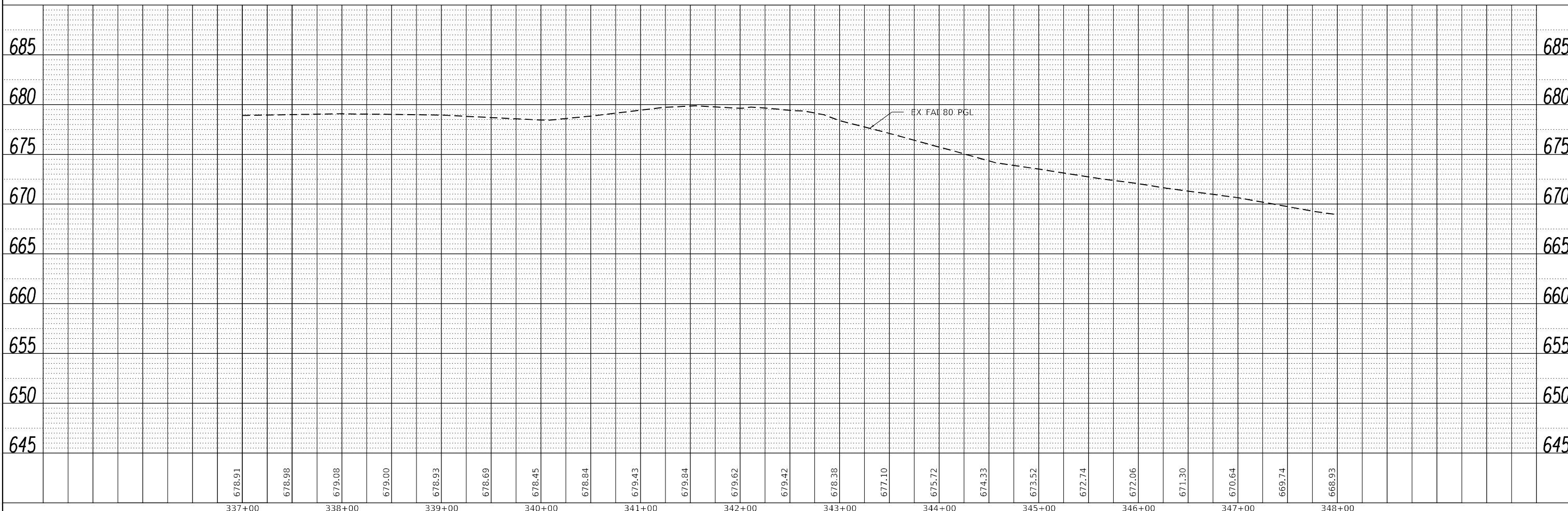
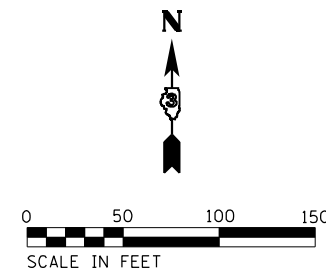
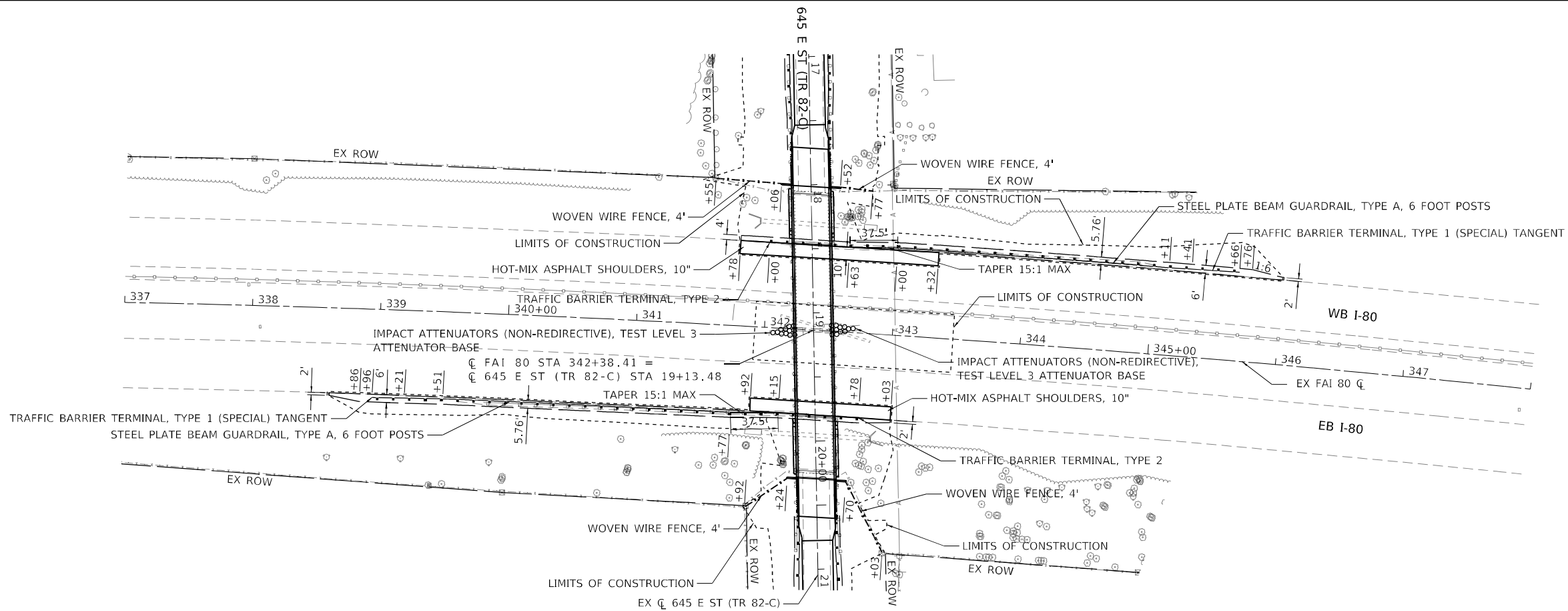
I-80
PLAN AND PROFILE

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(06-1HB-2 & 06-2HB)BR	BUREAU	202	42
CONTRACT NO. 66K73			ILLINOIS FED. AID PROJECT	

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

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

PROJECT NO.: #P06R0000071008
 PROJ. CONTACT: #P06R0000071008
 FILE NAME: 06-1HB-2 & 06-2HB)BR
 PEN TABLE: #PENL TABLE#



USER NAME = amonocchlo	DESIGNED - BBL	REVISED -
	DRAWN - BBL	REVISED -
PLOT SCALE = 100,0000' / in.	CHECKED - DW	REVISED -
PLOT DATE = 2/14/2022	DATE - 2/14/2022	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SCALE: 1"=50'		SHEET 2 OF 6 SHEETS		STA. 337+00.00 TO STA. 348+00.00	
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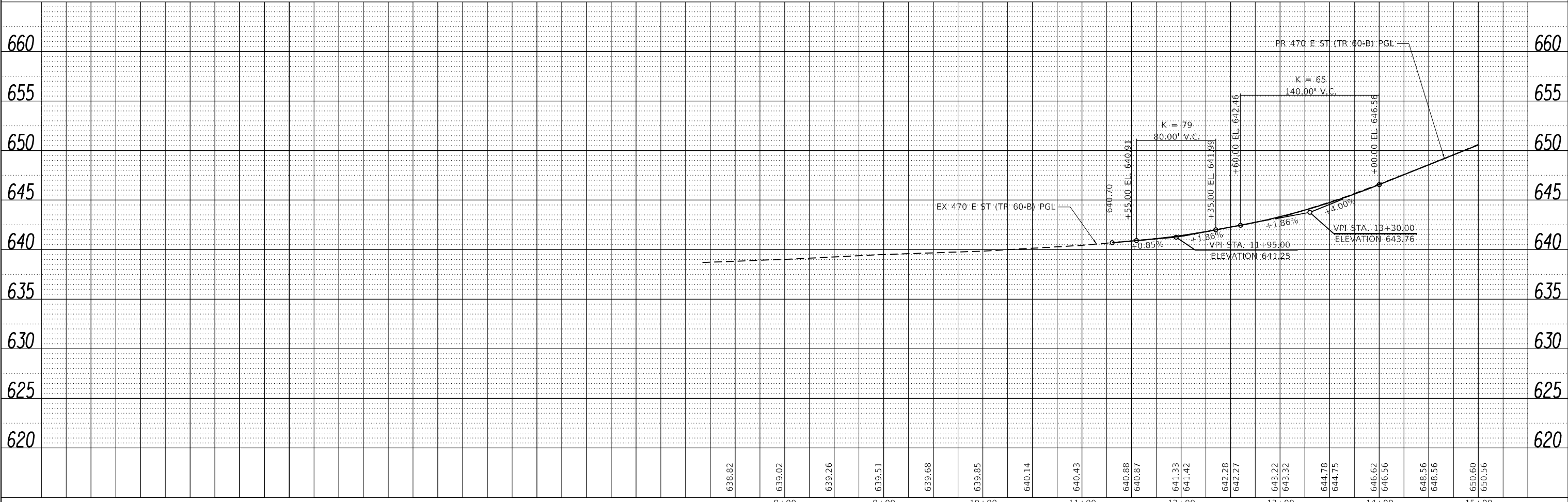
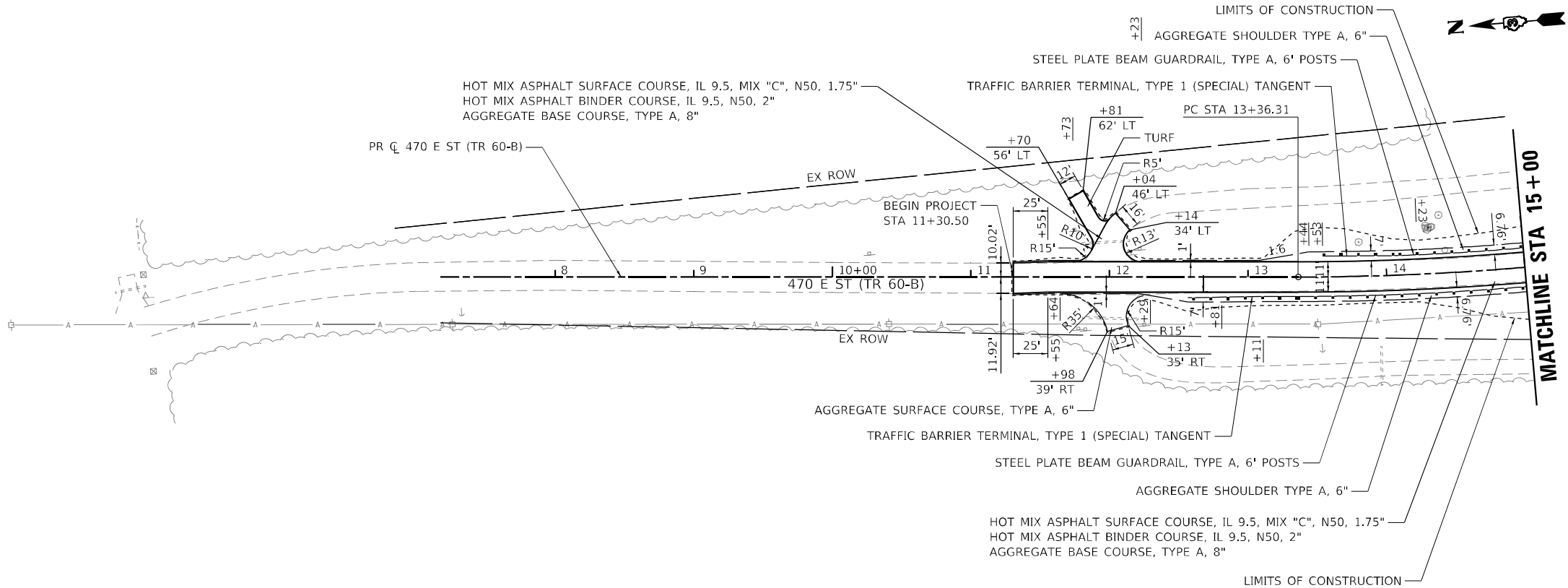
I-80
 PLAN AND PROFILE

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(06-1HB-2 & 06-2HB)BR	BUREAU	202	43
CONTRACT NO. 66K73			ILLINOIS FED. AID PROJECT	

PLAN	SURVEYED	BY	DATE
	PLOTTED		
	ALIGNED		
	CHECKED		
	FILED		
	NO. _____		

PROFILE	SURVEYED	BY	DATE
	PLOTTED		
	GRADES CHECKED		
	STRUCTURE NOTATIONS CHECKED		
	NO. _____		

PROJECT NO.: #PR06R000071010
 PROJ. CONTACT: #R06R000071010
 FILE NAME: 06R00071010-PR06R000071010.dgn
 PEN TABLE: #PEN TABLES



USER NAME = amonocchlo	DESIGNED - AMM	REVISED -
PLOT SCALE = 100,0000' / in.	DRAWN - HEW	REVISED -
PLOT DATE = 2/14/2022	CHECKED - DW	REVISED -
	DATE - 2/14/2022	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

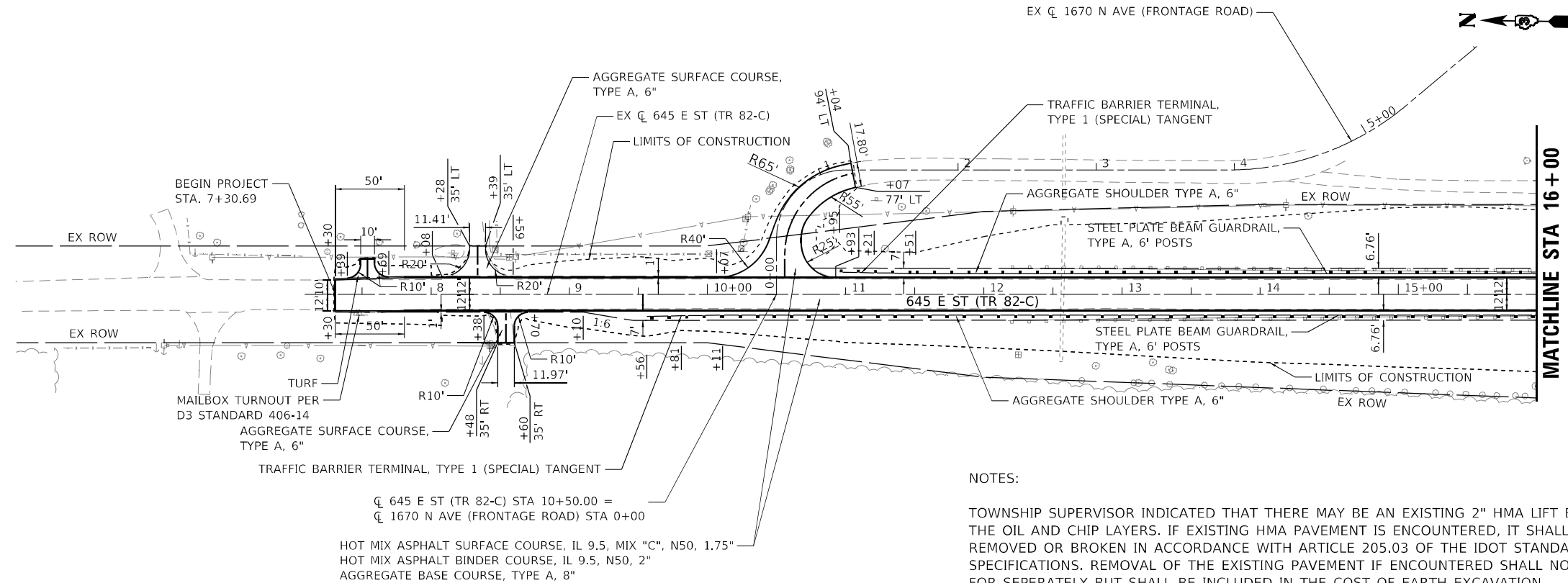
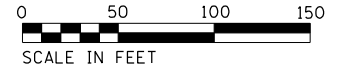
470 E ST (TR 60-B)
PLAN AND PROFILE
 SCALE: 1"=50' SHEET 3 OF 6 SHEETS STA. 11+30.50 (POB) TO STA. 15+00.00

F.A.J. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(06-1HB-2 & 06-2HB)BR	BUREAU	202	44
CONTRACT NO. 66K73				
ILLINOIS FED. AID PROJECT				

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

PROFILE	SURVEYED	BY	DATE
	PLOTTED		
	GRADES		
	CHECKED		
	STRUCTURE		
	NOT AT THIS OFFICE		
	NO.		

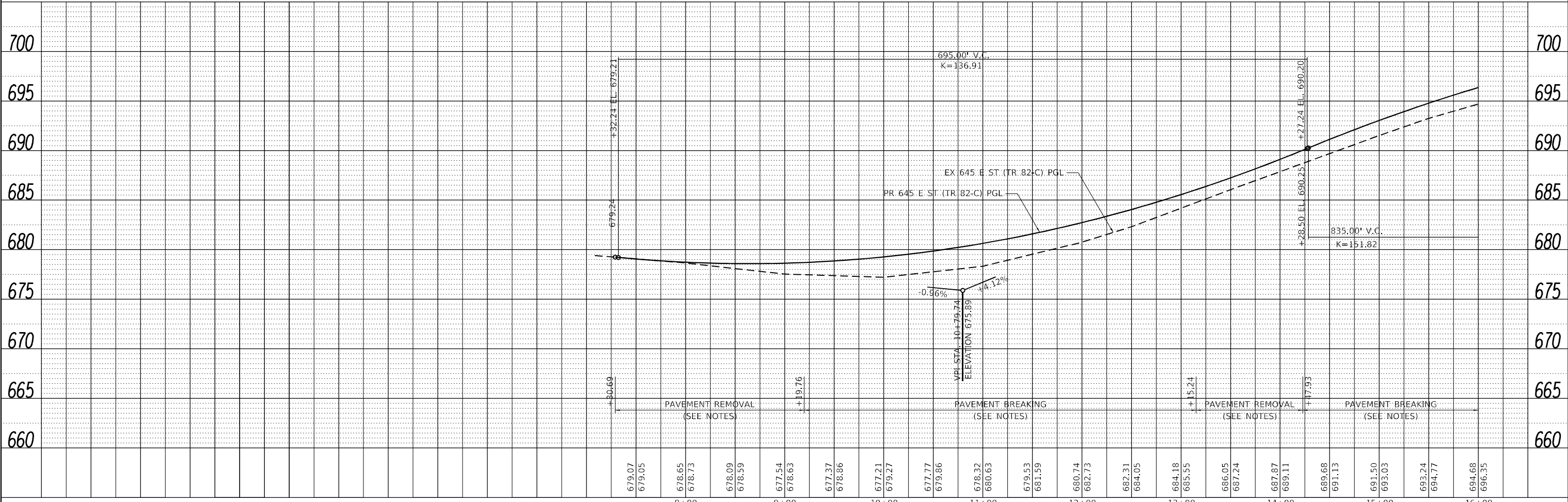
PROJECT NO.: #PREF0000001010
 PROJ. CONTACT: #PREF0000001010
 FILE NAME: 066701_645E-TR82-C.dgn
 PEN TABLE: #PEN TABLES



NOTES:
 TOWNSHIP SUPERVISOR INDICATED THAT THERE MAY BE AN EXISTING 2" HMA LIFT BETWEEN THE OIL AND CHIP LAYERS. IF EXISTING HMA PAVEMENT IS ENCOUNTERED, IT SHALL BE REMOVED OR BROKEN IN ACCORDANCE WITH ARTICLE 205.03 OF THE IDOT STANDARD SPECIFICATIONS. REMOVAL OF THE EXISTING PAVEMENT IF ENCOUNTERED SHALL NOT BE PAID FOR SEPERATELY BUT SHALL BE INCLUDED IN THE COST OF EARTH EXCAVATION.

CL 645 E ST (TR 82-C) STA 10+50.00 =
 CL 1670 N AVE (FRONTAGE ROAD) STA 0+00

HOT MIX ASPHALT SURFACE COURSE, IL 9.5, MIX "C", N50, 1.75"
 HOT MIX ASPHALT BINDER COURSE, IL 9.5, N50, 2"
 AGGREGATE BASE COURSE, TYPE A, 8"



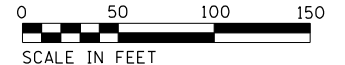
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PLOT DATE	= 2/14/2022	DATE	- 2/14/2022	REVISED	-

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

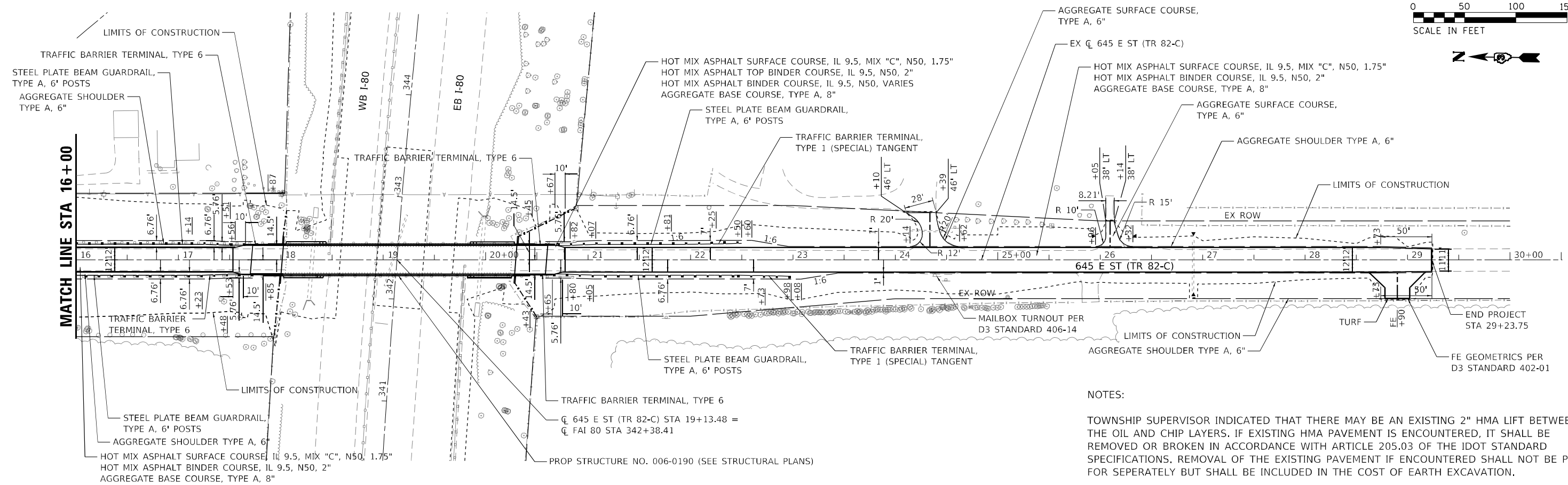
645 E ST (TR 82-C) OVER INTERSTATE 80
 PLAN AND PROFILE

SCALE: 1"=50' SHEET 5 OF 6 SHEETS STA 7+30.69 (POB) TO STA 16+00.00

F.A.J. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(06-1HB-2 & 06-2HB)BR	BUREAU	202	46
CONTRACT NO.			66K73	
ILLINOIS / FED. AID PROJECT				



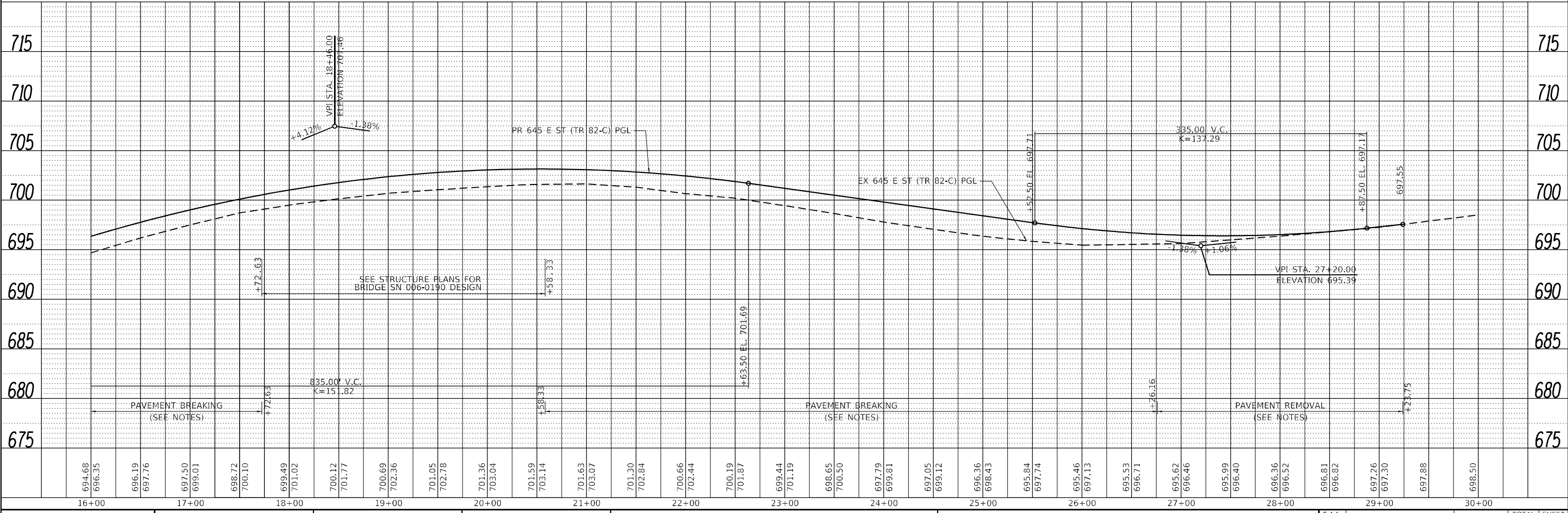
PLAN	SURVEYED	BY	DATE
	ALIGNED		
	CHECKED		
	FILED		
NOTE BOOK NO.	CADD FILE NAME		



NOTES:

TOWNSHIP SUPERVISOR INDICATED THAT THERE MAY BE AN EXISTING 2" HMA LIFT BETWEEN THE OIL AND CHIP LAYERS. IF EXISTING HMA PAVEMENT IS ENCOUNTERED, IT SHALL BE REMOVED OR BROKEN IN ACCORDANCE WITH ARTICLE 205.03 OF THE IDOT STANDARD SPECIFICATIONS. REMOVAL OF THE EXISTING PAVEMENT IF ENCOUNTERED SHALL NOT BE PAID FOR SEPERATELY BUT SHALL BE INCLUDED IN THE COST OF EARTH EXCAVATION.

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



PROJECT NO.: SPRINGFIELD/108
 PROD. CONTACT: #8904MCM/108
 FILE NAME: 06671_06-21-2022.dgn
 PEN TABLE: #PENL TABLES



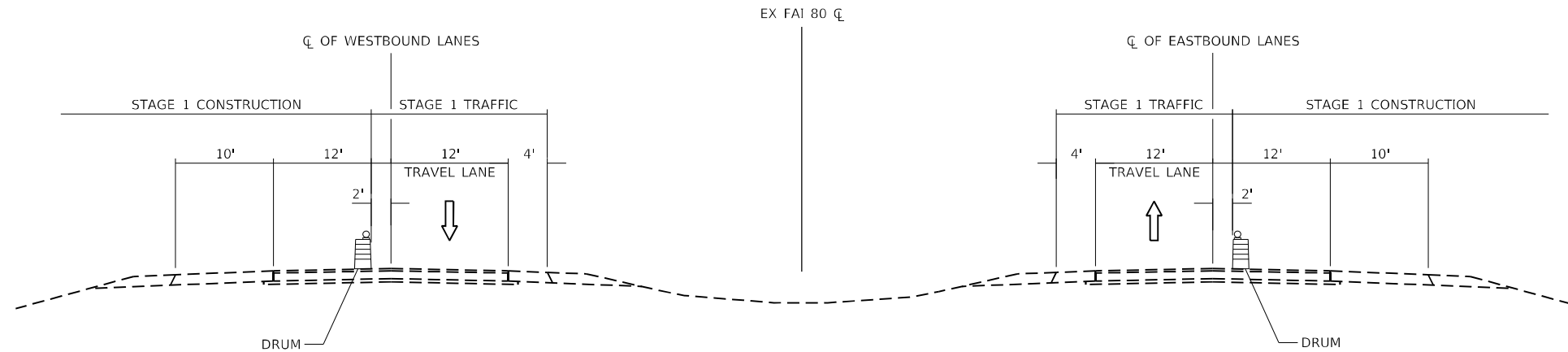
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	DRAWN - DPH	REVISED -
	CHECKED - DW	REVISED -
	DATE - 2/14/2022	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

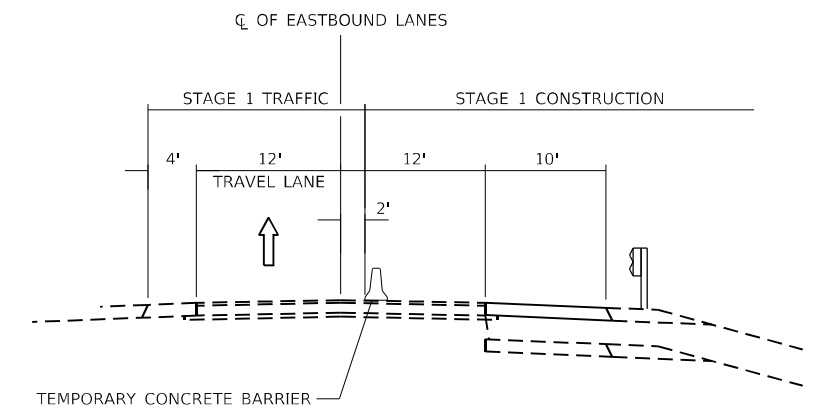
645 E ST (TR 82-C) OVER I-80
PLAN AND PROFILE

SCALE: 1"=50'	SHEET 6 OF 6 SHEETS	STA 16+00.00 TO STA 29+23.75 (POE)
---------------	---------------------	------------------------------------

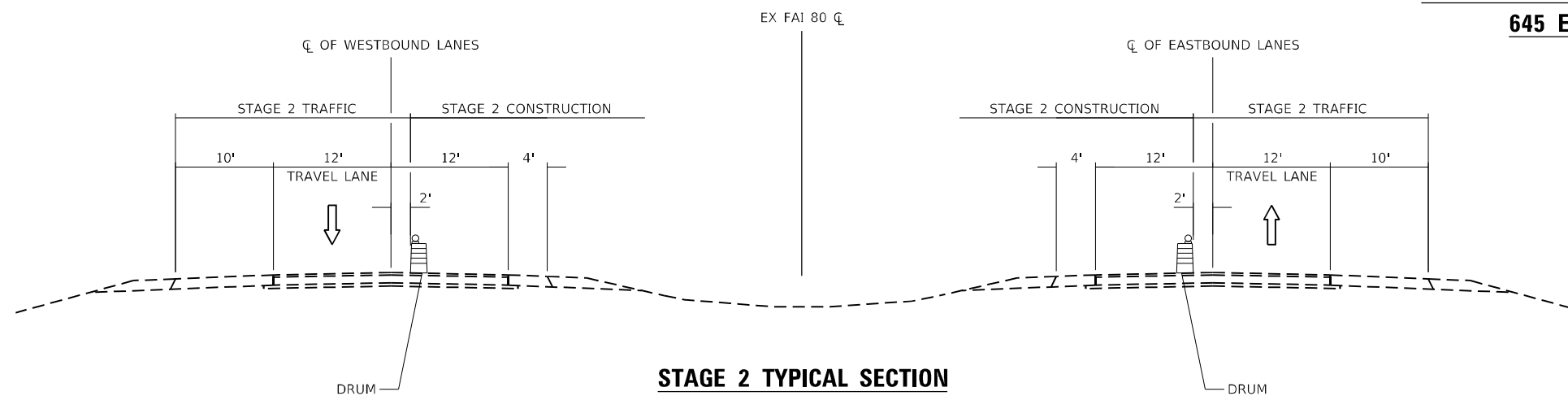
F.A.J. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(06-1HB-2 & 06-2HB)BR	BUREAU	202	47
				CONTRACT NO. 66K73
ILLINOIS FED. AID PROJECT				



**STAGE 1 TYPICAL SECTION
FAI 80 AT 645 E STREET**



**TEMPORARY CONCRETE BARRIER DETAIL
645 E STREET (STAGE 1)**



**STAGE 2 TYPICAL SECTION
FAI 80 AT 645 E STREET**

PROJECT NO.: SPRINGFIELD/ST/108
 PROJ. CONTACT: #PROGRAMMERS
 FILE NAME: 066K73-S17-Stage1g-Typ.dgn
 PEN TABLE: #PEN TABLE\$



USER NAME = amonocchlo	DESIGNED - BBL	REVISED -
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PLOT DATE = 2/14/2022	CHECKED - DW	REVISED -
	DATE - 2/14/2022	REVISED -

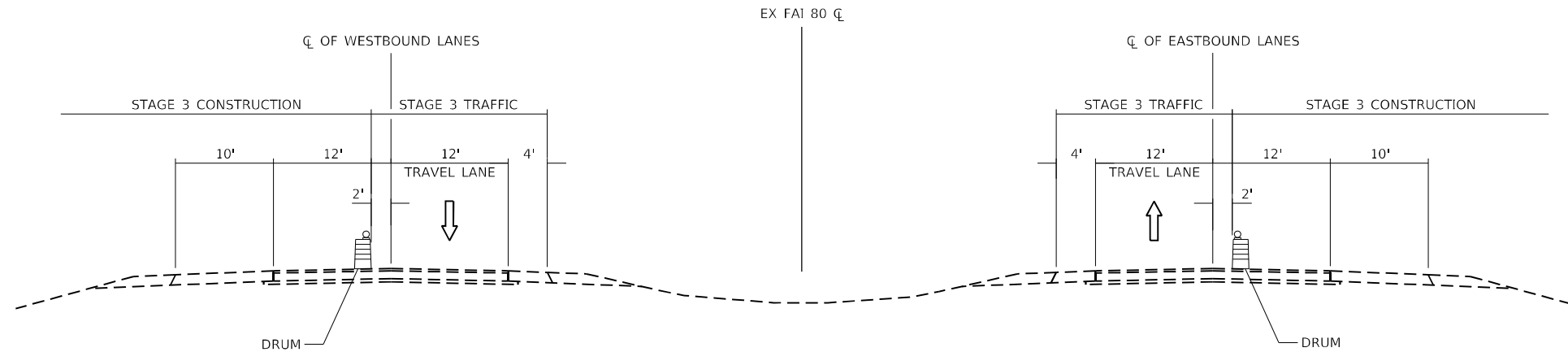
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

STAGING TYPICAL SECTIONS

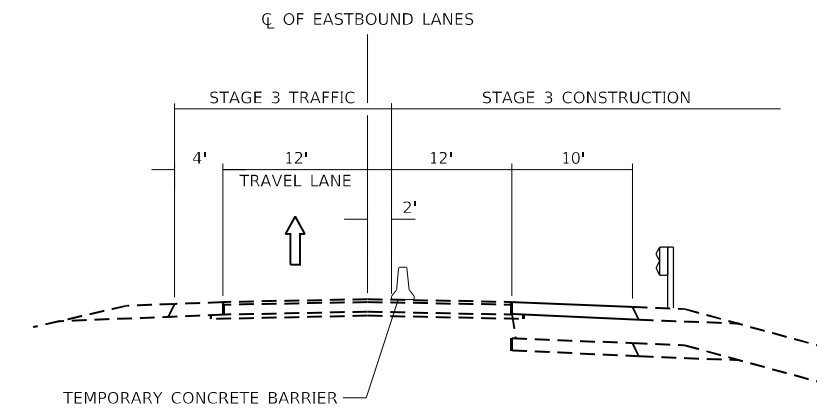
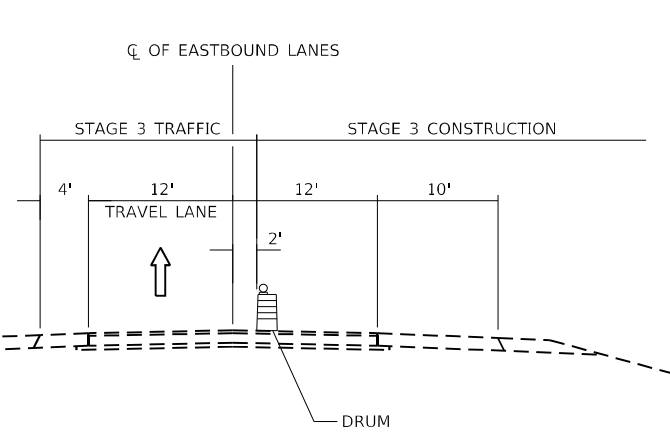
SCALE: 1/8" = 1' SHEET 1 OF 13 SHEETS

F.A.J. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(06-1HB-2 & 06-2HB)BR	BUREAU	202	48
CONTRACT NO.			66K73	

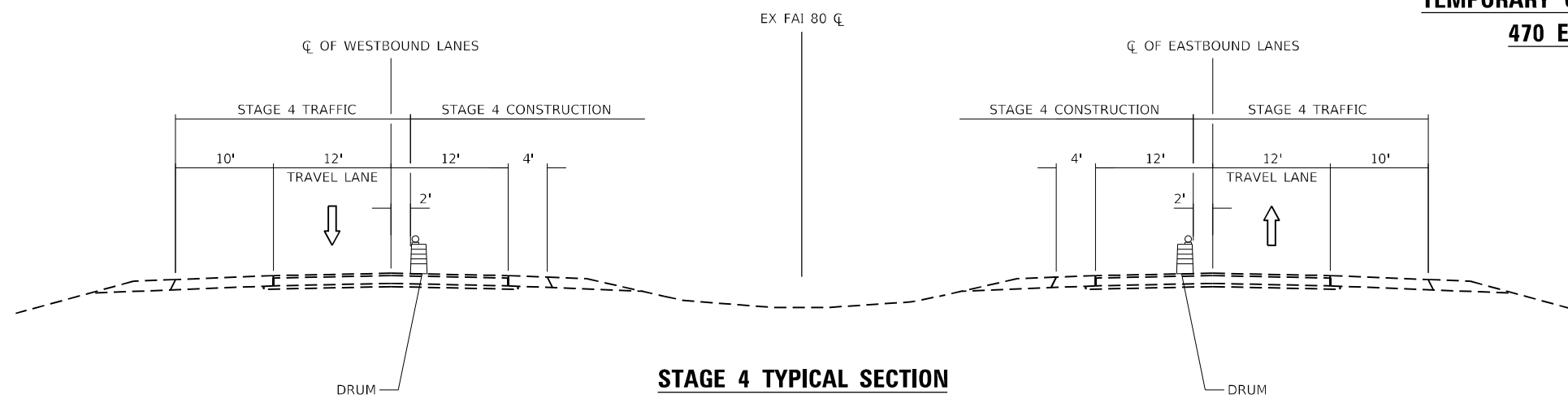
ILLINOIS FED. AID PROJECT



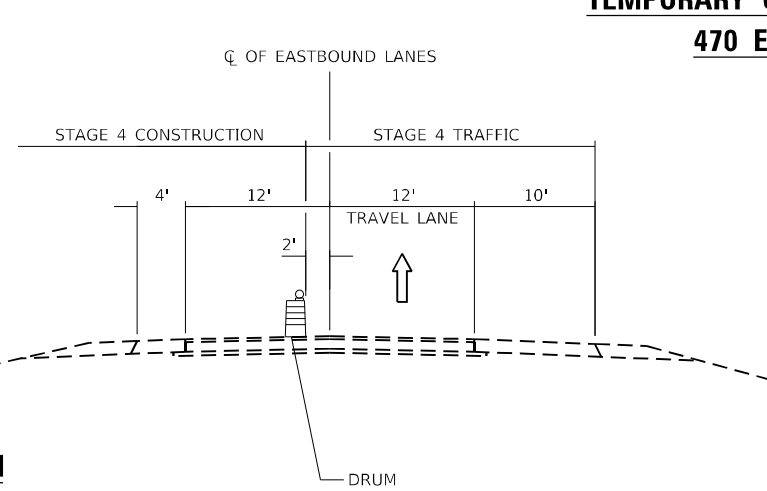
**STAGE 3 TYPICAL SECTION
FAI 80 AT 470 E STREET**



**TEMPORARY CONCRETE BARRIER DETAIL
470 E STREET (STAGE 3)**



**STAGE 4 TYPICAL SECTION
FAI 80 AT 470 E STREET**



PROJECT NO.: #PROJ0608210108
 PROJ. CONTACT: #PROJ0608210108
 FILE NAME: 060821-01-SHT-3-Staging-Typ.dgn
 PEN TABLE: #PENL TABLES



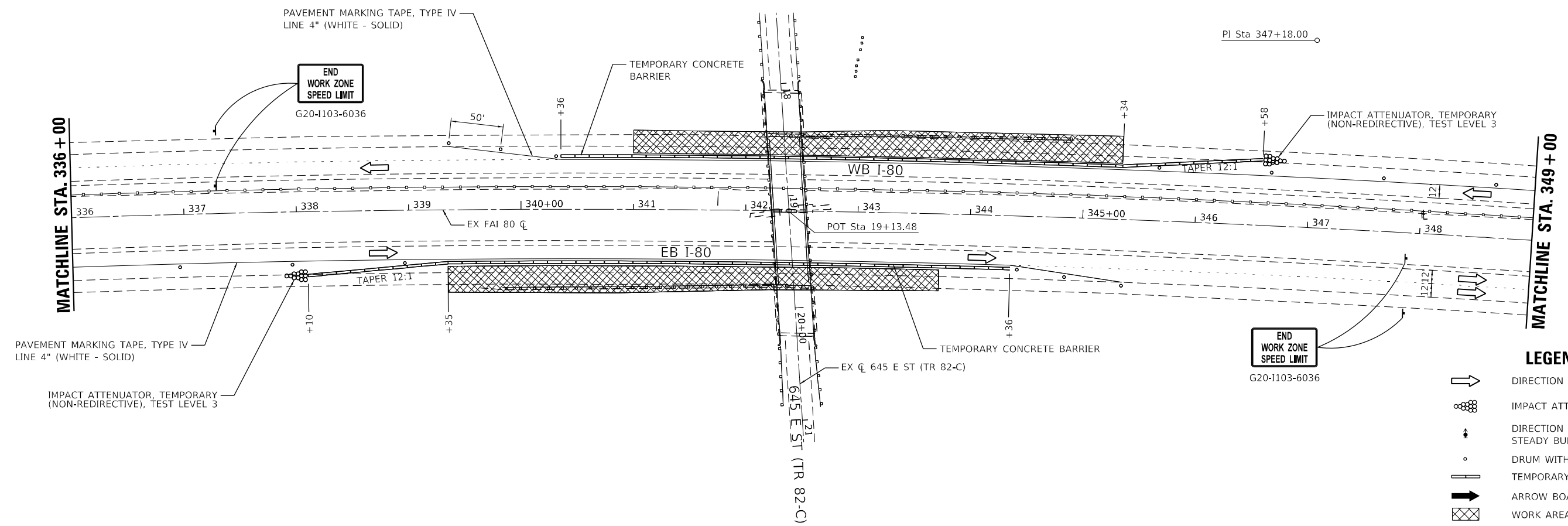
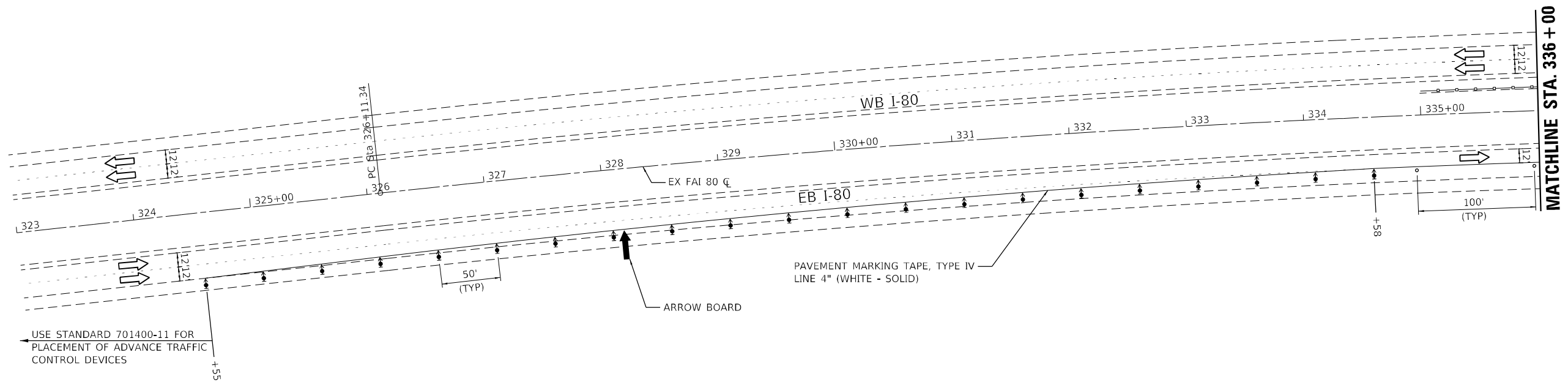
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PLOT DATE = 2/14/2022	DATE - 2/14/2022	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**









STAGING TYPICAL SECTIONS

SCALE: 1/8" = 1' SHEET 2 OF 13 SHEETS

F.A.J. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(06-1HB-2 & 06-2HB)BR	BUREAU	202	49
CONTRACT NO.			66K73	
ILLINOIS FED. AID PROJECT				



LEGEND

-  DIRECTION OF TRAFFIC
-  IMPACT ATTENUATOR, OF THE TYPE SPECIFIED
-  DIRECTION INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT
-  DRUM WITH STEADY BURNING LIGHT
-  TEMPORARY CONCRETE BARRIER
-  ARROW BOARD
-  WORK AREA
-  CONSTRUCTION SIGN

PROJECT NO.: SPRINGFIELD/ST/108
 PROD. CONTACT: SPRINGFIELD/ST/108
 FILE NAME: 066K73-S17-SPRING 1-1.dgn
 PEN TABLE: REFER TABLES

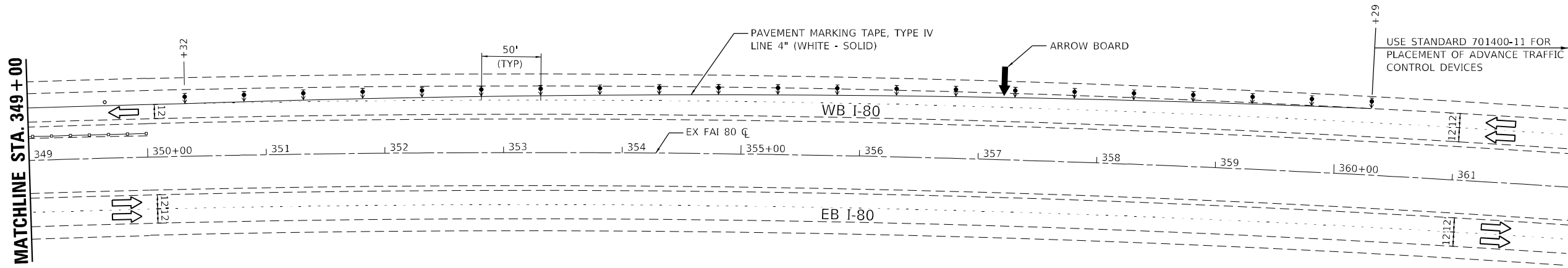


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PLOT DATE = 2/14/2022	CHECKED - DW	REVISED -
	DATE - 2/14/2022	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

645 E ST OVER I-80
STAGE 1:
FAI 80 OUTSIDE LANE CLOSURE AND TRAFFIC CONTROL
 SCALE: 1"=50' SHEET 3 OF 13 SHEETS STA. 323+00.00 TO STA. 349+00.00

F.A.J. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(06-1HB-2 & 06-2HB)BR	BUREAU	202	50
ILLINOIS FED. AID PROJECT			CONTRACT NO. 66K73	



- LEGEND**
- DIRECTION OF TRAFFIC
 - IMPACT ATTENUATOR, OF THE TYPE SPECIFIED
 - DIRECTION INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT
 - DRUM WITH STEADY BURNING LIGHT
 - TEMPORARY CONCRETE BARRIER
 - ARROW BOARD
 - WORK AREA
 - CONSTRUCTION SIGN

PROJECT NO.: #PR0160808710108
 PROJ. CONTACT: #PROGRAMMERS
 FILE NAME: 066K73-S171-staging 1-2.dgn
 PLOT DATE: 2/14/2022
 PEN TABLE: #PENL TABLE\$



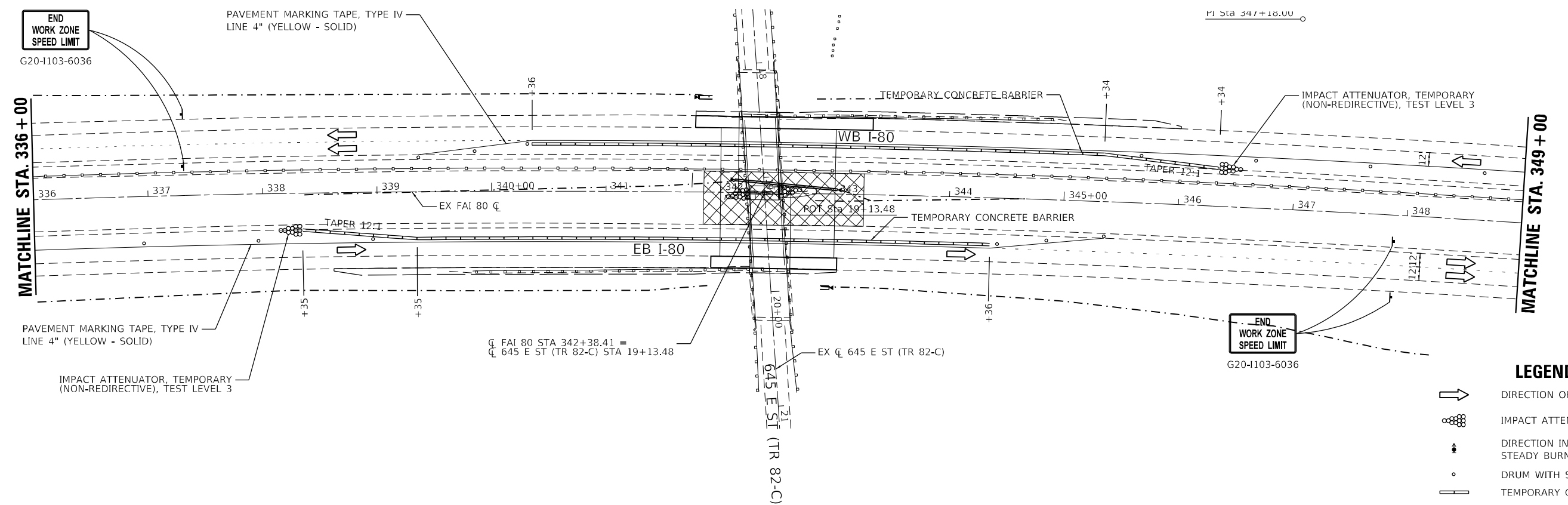
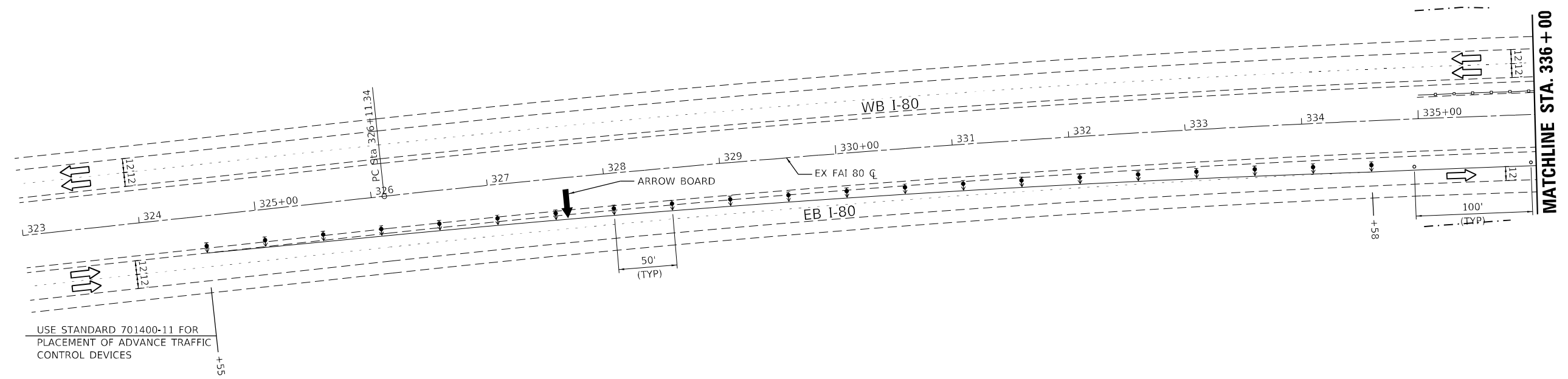
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	DRAWN - BBL	REVISED -
PLOT SCALE = 100,0000' / in.	CHECKED - DW	REVISED -
PLOT DATE = 2/14/2022	DATE - 2/14/2022	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

645 E ST OVER I-80
STAGE 1:
FAI 80 OUTSIDE LANE CLOSURE AND TRAFFIC CONTROL

SCALE: 1"=50' SHEET 4 OF 13 SHEETS STA. 349+00.00 TO STA. 362+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(06-1HB-2 & 06-2HB)BR	BUREAU	202	51
			CONTRACT NO. 66K73	
ILLINOIS FED. AID PROJECT				



- LEGEND**
- DIRECTION OF TRAFFIC
 - IMPACT ATTENUATOR, OF THE TYPE SPECIFIED
 - DIRECTION INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT
 - DRUM WITH STEADY BURNING LIGHT
 - TEMPORARY CONCRETE BARRIER
 - ARROW BOARD
 - WORK AREA
 - CONSTRUCTION SIGN

PROJECT NO.: SPRINGFIELD/ST/0108
 PROD. CONTACT: #PROGRAMMERS
 FILE NAME: 066K73-SHT-5-STAGING 2-1.dgn
 PEN TABLE: #PEN.TABLE\$



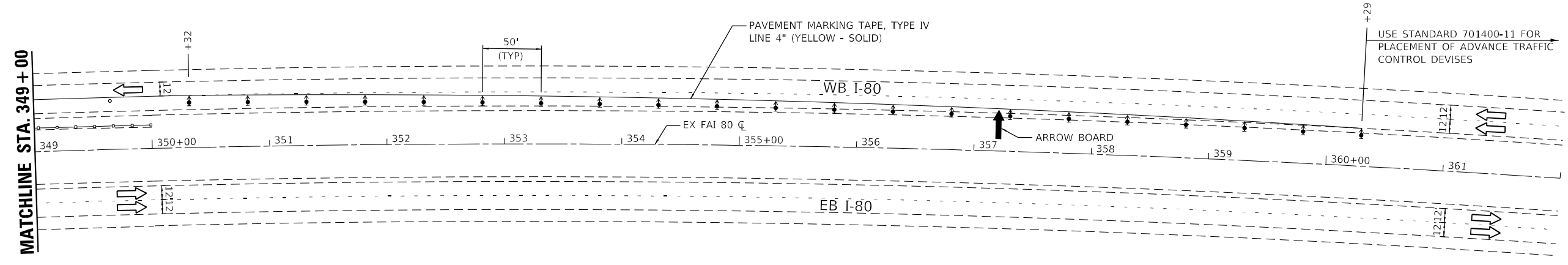
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PLOT SCALE = 100,0000' / in.	DRAWN - BBL	REVISED -
PLOT DATE = 2/14/2022	CHECKED - DW	REVISED -
	DATE - 2/14/2022	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

470 E ST AND 645 E ST OVER F.A.I. 80
STAGE 2:
FAI 80 INSIDE LANE CLOSURE AND TRAFFIC CONTROL

SCALE: 1"=50' SHEET 5 OF 13 SHEETS STA. 323+00.00 TO STA. 349+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(06-1HB-2 & 06-2HB)BR	BUREAU	202	52
			CONTRACT NO. 66K73	
ILLINOIS FED. AID PROJECT				



LEGEND

	DIRECTION OF TRAFFIC
	IMPACT ATTENUATOR, OF THE TYPE SPECIFIED
	DIRECTION INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT
	DRUM WITH STEADY BURNING LIGHT
	TEMPORARY CONCRETE BARRIER
	ARROW BOARD
	WORK AREA
	CONSTRUCTION SIGN

PROJECT NO.: SPRINGFIELD/ST/08
 PROD. CONTACT: #PROGRAMMERS
 FILE NAME: 066K73-SHT-2.dgn
 PEN TABLE: #PEN TABLE\$



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	DRAWN - BBL	REVISED -
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PLOT DATE = 2/14/2022	DATE - 2/14/2022	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

470 E ST AND 645 E ST OVER F.A.I. 80
STAGE 2:
FAI 80 INSIDE LANE CLOSURE AND TRAFFIC CONTROL

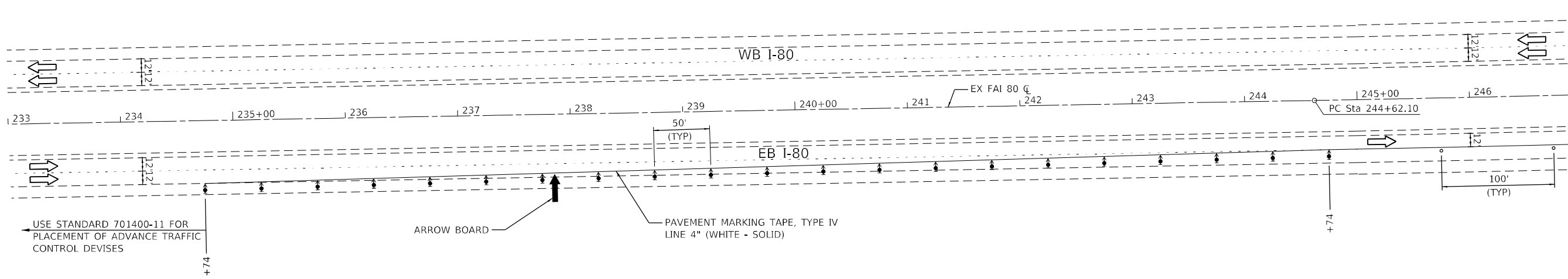
SCALE: 1"=50' SHEET 6 OF 13 SHEETS STA. 349+00.00 TO STA. 362+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(06-1HB-2 & 06-2HB)BR	BUREAU	202	53
CONTRACT NO.			66K73	
ILLINOIS FED. AID PROJECT				



MATCHLINE STA. 247+00

MATCHLINE STA. 260+00



USE STANDARD 701400-11 FOR PLACEMENT OF ADVANCE TRAFFIC CONTROL DEVICES

ARROW BOARD

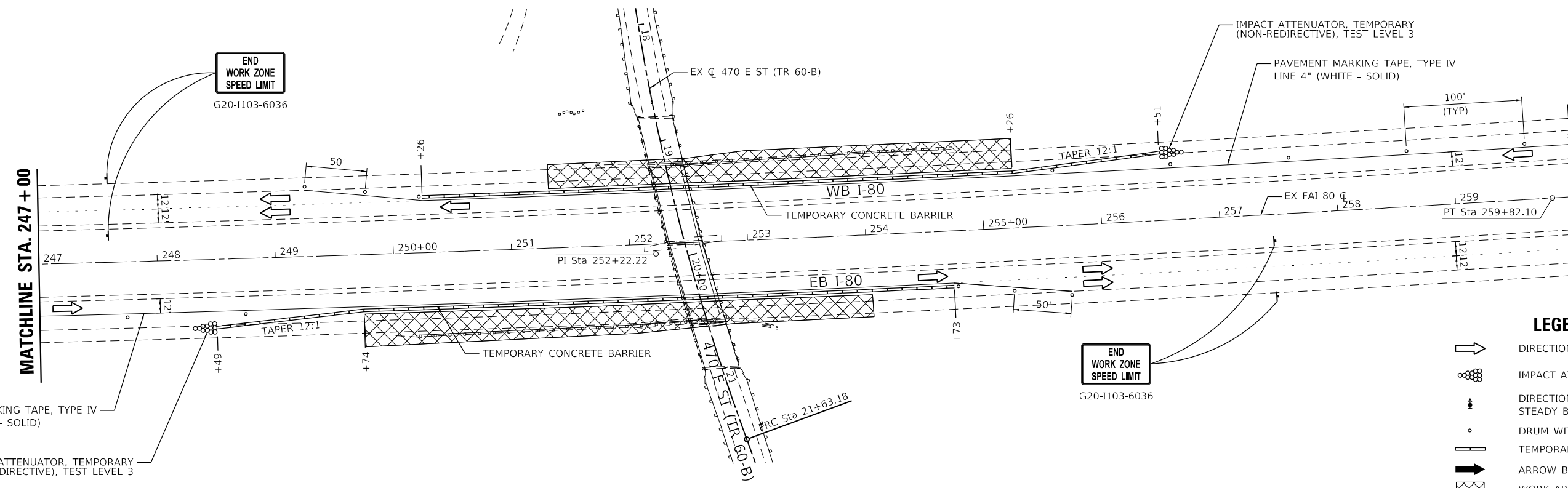
PAVEMENT MARKING TAPE, TYPE IV LINE 4" (WHITE - SOLID)

+74

100' (TYP)

MATCHLINE STA. 247+00

MATCHLINE STA. 260+00



END WORK ZONE SPEED LIMIT
G20-1103-6036

EX CL 470 E ST (TR 60-B)

IMPACT ATTENUATOR, TEMPORARY (NON-REDIRECTIVE), TEST LEVEL 3

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

100' (TYP)

END WORK ZONE SPEED LIMIT
G20-1103-6036

TEMPORARY CONCRETE BARRIER

TAPER 12:1

TEMPORARY CONCRETE BARRIER

+73

470 E ST (TR 60-B)
PC Sta 21+63.18

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

IMPACT ATTENUATOR, TEMPORARY (NON-REDIRECTIVE), TEST LEVEL 3

LEGEND

- DIRECTION OF TRAFFIC
- IMPACT ATTENUATOR, OF THE TYPE SPECIFIED
- DIRECTION INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT
- DRUM WITH STEADY BURNING LIGHT
- TEMPORARY CONCRETE BARRIER
- ARROW BOARD
- WORK AREA
- CONSTRUCTION SIGN

PROJECT NO.: SPRINGFIELD/ST/08
 PROD. CONTACT: #PROGRAMMERS
 FILE NAME: 066K73-SHT-3-STAGING 3-1.dgn
 PEN TABLE: #PENL TABLES



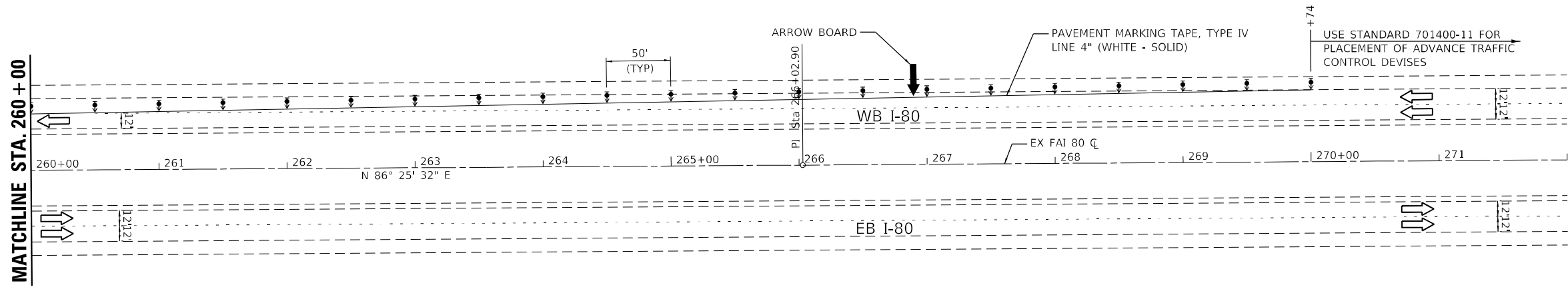
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PLOT DATE = 2/14/2022	CHECKED - DW	REVISED -
	DATE - 2/14/2022	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

470 E ST OVER I-80
STAGE 3:
FAI 80 OUTSIDE LANE CLOSURE AND TRAFFIC CONTROL

SCALE: 1"=50' SHEET 7 OF 13 SHEETS STA. 233+00.00 TO STA 260+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(06-1HB-2 & 06-2HB)BR	BUREAU	202	54
CONTRACT NO. 66K73			ILLINOIS FED. AID PROJECT	



LEGEND

	DIRECTION OF TRAFFIC
	IMPACT ATTENUATOR, OF THE TYPE SPECIFIED
	DIRECTION INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT
	DRUM WITH STEADY BURNING LIGHT
	TEMPORARY CONCRETE BARRIER
	ARROW BOARD
	WORK AREA
	CONSTRUCTION SIGN

PROJECT NO.: #PROJ#ENG#ST#NO#
 PROD. CONTACT: #PROGRAM#C#M#
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 USER: BBL
 PEN TABLE: #PEN#TABLE#



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	DRAWN - BBL	REVISED -
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PLOT DATE = 2/14/2022	DATE - 2/14/2022	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**470 E ST OVER I-80
 STAGE 3:
 FAI 80 OUTSIDE LANE CLOSURE AND TRAFFIC CONTROL**

SCALE: 1"=50' SHEET 8 OF 13 SHEETS STA. 260+00.00 TO STA 272+00.00

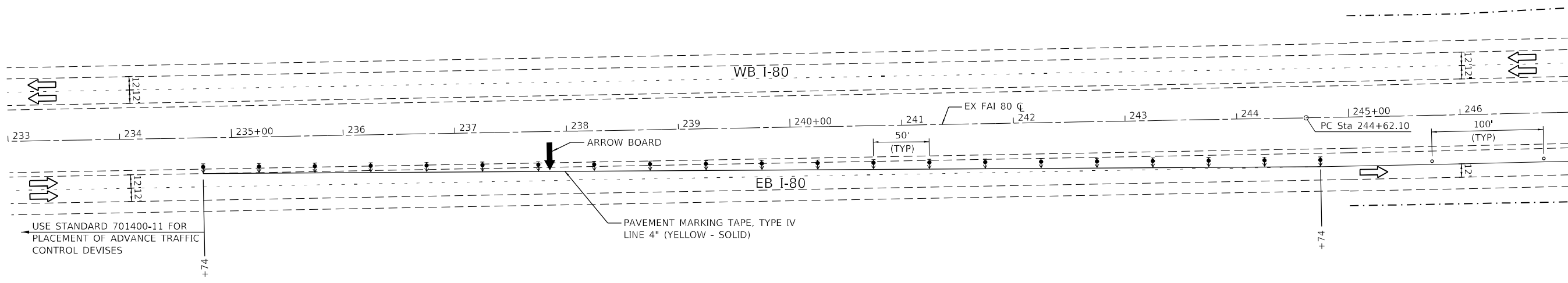
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(06-1HB-2 & 06-2HB)BR	BUREAU	202	55
			CONTRACT NO. 66K73	

ILLINOIS FED. AID PROJECT



MATCHLINE STA. 247+00

MATCHLINE STA. 260+00

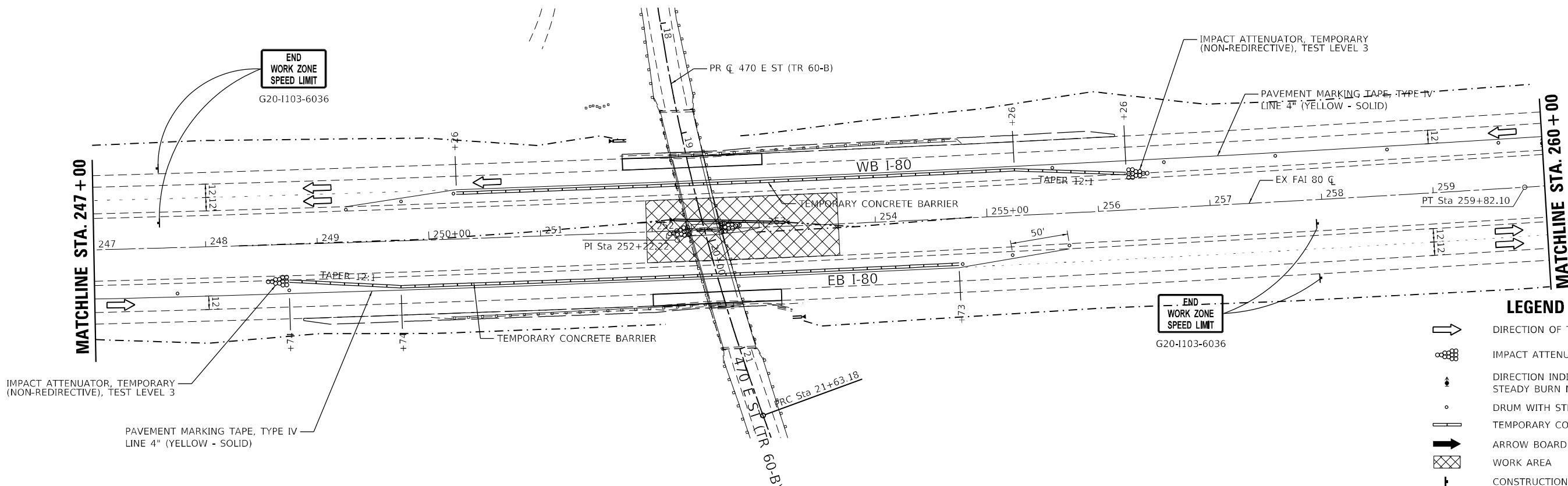


USE STANDARD 701400-11 FOR
PLACEMENT OF ADVANCE TRAFFIC
CONTROL DEVICES

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

END
WORK ZONE
SPEED LIMIT
G20-1103-6036

END
WORK ZONE
SPEED LIMIT
G20-1103-6036



LEGEND

- DIRECTION OF TRAFFIC
- IMPACT ATTENUATOR, OF THE TYPE SPECIFIED
- DIRECTION INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT
- DRUM WITH STEADY BURNING LIGHT
- TEMPORARY CONCRETE BARRIER
- ARROW BOARD
- WORK AREA
- CONSTRUCTION SIGN

PROJECT NO.: SPRINGFIELD/ST/08
 PROD. CONTACT: #SPRINGFIELD/ST/08
 FILE NAME: 066K73-SHT-SPRING 4-1.dgn
 PEN TABLE: #PEN TABLES

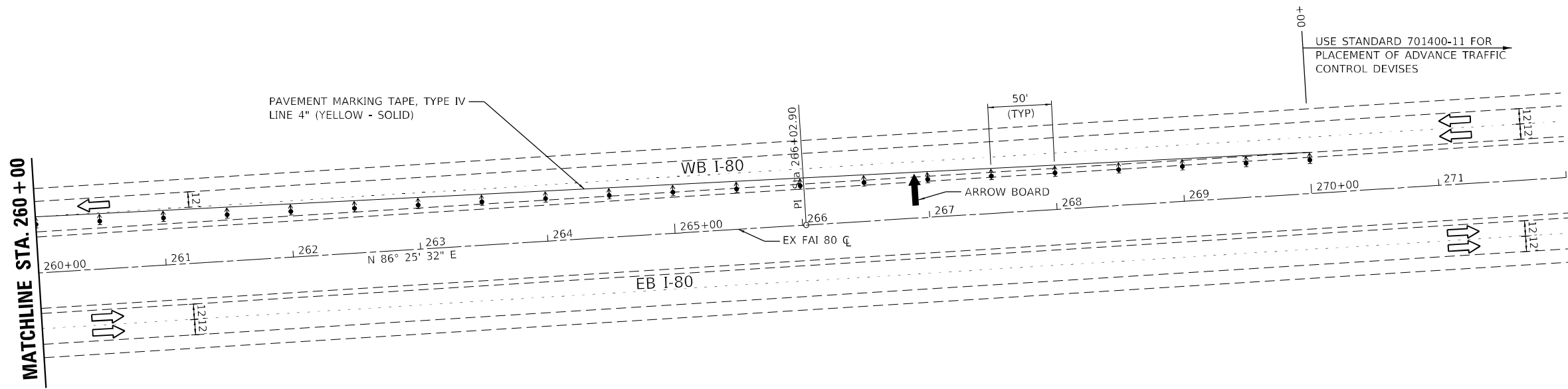


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	DATE - 2/14/2022	REVISED -






STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

470 E ST OVER I-80
STAGE 4:
FAI 80 INSIDE LANE CLOSURE AND TRAFFIC CONTROL
 SCALE: 1"=50' SHEET 9 OF 13 SHEETS STA. 233+00.00 TO STA 260+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(06-1HB-2 & 06-2HB)BR	BUREAU	202	56
			CONTRACT NO. 66K73	
ILLINOIS FED. AID PROJECT				



LEGEND

-  DIRECTION OF TRAFFIC
-  IMPACT ATTENUATOR, OF THE TYPE SPECIFIED
- DIRECTION INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT
- DRUM WITH STEADY BURNING LIGHT
-  TEMPORARY CONCRETE BARRIER
-  ARROW BOARD
-  WORK AREA
- CONSTRUCTION SIGN

PROJECT NO.: #PROJ666666666666
 PROD. CONTACT: #PROGRAMMERS
 FILE NAME: 066666666666.dgn
 PEN TABLE: #PEN TABLE\$



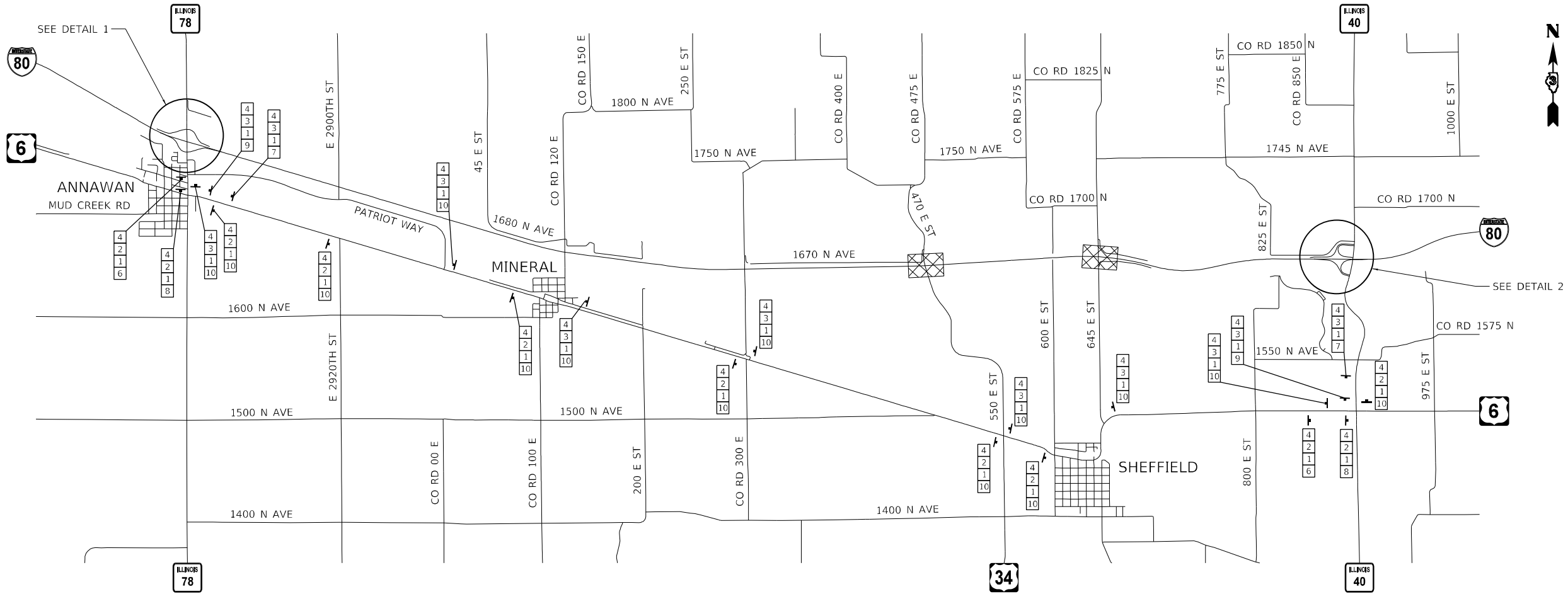
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	DRAWN - BBL	REVISED -
PLOT SCALE = 100,0000' / in.	CHECKED - DW	REVISED -
PLOT DATE = 2/14/2022	DATE - 2/14/2022	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

470 E ST OVER I-80
STAGE 4:
FAI 80 INSIDE LANE CLOSURE AND TRAFFIC CONTROL

SCALE: 1"=50' SHEET 10 OF 13 SHEETS STA. 260+00.00 TO STA 272+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(06-1HB-2 & 06-2HB)BR	BUREAU	202	57
CONTRACT NO.			66K73	
ILLINOIS FED. AID PROJECT				



LEGEND

- WORK AREA
- TYPE III BARRICADE
- TEMPORARY SIGN

1
 M1-1.2-2424

2
 M3-2-2412

3
 M3-4-2412

4
 M4-8 FO-2412

5
 M4-8a FO-2418

6
 M5-1(L) FO-2115

7
 M5-1(R) FO-2115

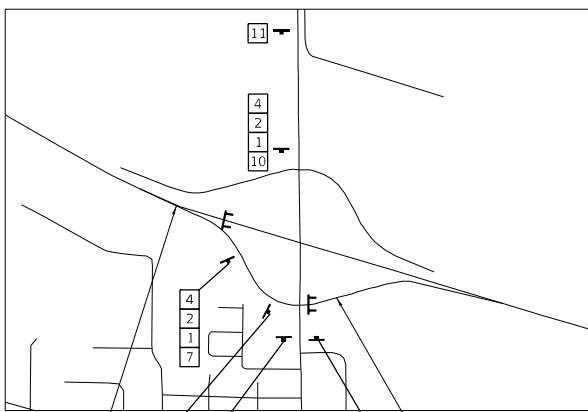
8
 M6-1(L) FO-2115

9
 M6-1(R) FO-2115

10
 M6-3 FO-2115

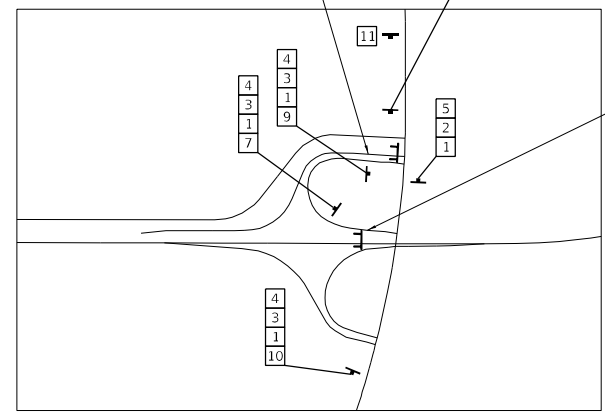
11
 W20-2a FO-4848

SEE DISTRICT STANDARD 720-7 FOR ENTRANCE RAMP CLOSURE SIGNING, DRUMS, AND BARRICADES.



DETAIL 1

SEE DISTRICT STANDARD 720-7 FOR ENTRANCE RAMP CLOSURE SIGNING, DRUMS, AND BARRICADES.



DETAIL 2

SEE DISTRICT STANDARD 701-1 FOR TOTAL INTERSTATE CLOSURE AT NIGHT SIGNING, DRUMS, BARRICADES, ARROWBOARDS, AND FLAGGERS.

NOTES

- DETOUR ROUTE FOR I-80 DURING NIGHT WORK CONSTRUCTION UTILIZES IL 40, US 6, AND IL 78.
- THE CONTRACTOR SHALL FURNISH, INSTALL, MAINTAIN, AND REMOVE THE SIGNING FOR THE DETOUR ROUTE.
- SIGNS 1, 2, 3: BLUE WITH WHITE LETTERS
- SIGNS 4, 5, 6, 7, 8, 9, 10, 11: FLUORESCENT ORANGE WITH BLACK SYMBOLS.

PROJECT NO.: #P1000000000000
 PROD. CONTACT: #P1000000000000
 FILE NAME: 066K73_80-detour.dgn
 PEN TABLE: #PEN_TABLE#

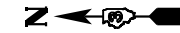
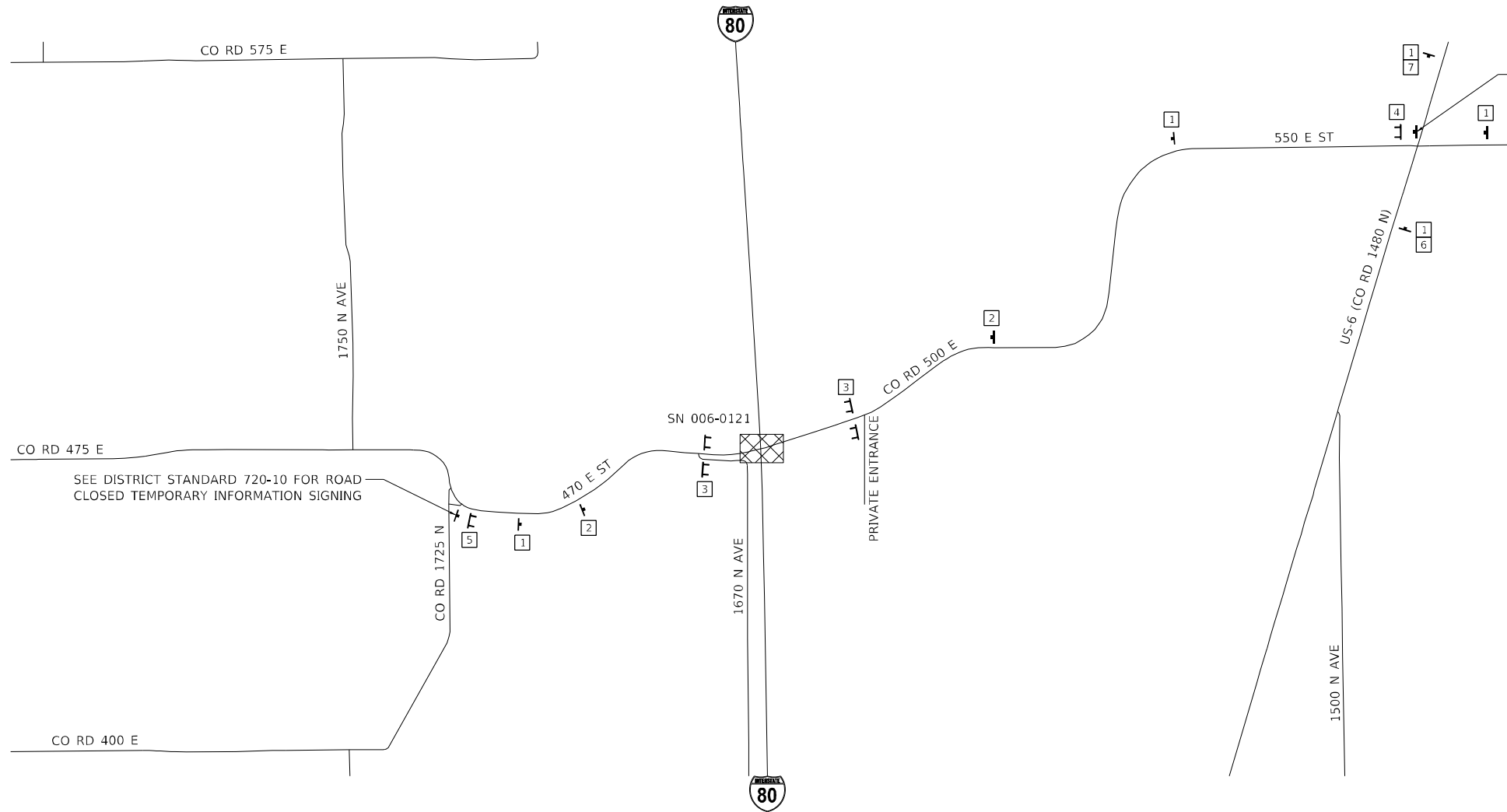


USER NAME = amonocchlo	DESIGNED - MDB	REVISED -
PLOT SCALE = 100,0000' / in.	DRAWN - MDB	REVISED -
PLOT DATE = 2/14/2022	CHECKED - DW	REVISED -
	DATE - 2/14/2022	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

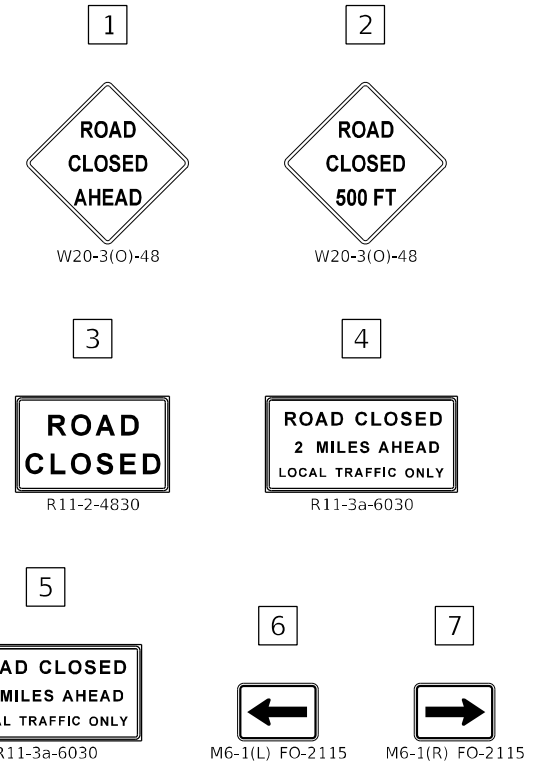
I-80 DETOUR	
SCALE: 1"=50'	SHEET 11 OF 13 SHEETS

F.A.J. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(06-1HB-2 & 06-2HB)BR	BUREAU	202	58
CONTRACT NO.			66K73	
ILLINOIS FED. AID PROJECT				






SEE DISTRICT STANDARD 720-10 FOR ROAD CLOSED TEMPORARY INFORMATION SIGNING

SEE DISTRICT STANDARD 720-10 FOR ROAD CLOSED TEMPORARY INFORMATION SIGNING



LEGEND

-  WORK AREA
-  TYPE III BARRICADE
-  TEMPORARY SIGN

NOTES

TYPE III BARRICADES AND R11-4-6030 SIGNS SHALL BE POSITIONED AS SHOWN IN THE "ROAD CLOSED TO ALL TRAFFIC" DETAIL ON HIGHWAY STANDARD 701901. IF THE DISTANCE "D" EXCEEDS 2000', AN ADDITIONAL SET OF BARRICADES AND R11-4-6030 SHALL BE PLACED AT EACH END OF THE WORK AREA.

TWO TYPE A LOW INTENSITY FLASHING LIGHTS SHALL BE USED ON EACH APPROACH IN ADVANCE OF THE WORK AREA. ONE LIGHT SHALL BE INSTALLED ABOVE EACH BARRICADE. IF ONLY ONE BARRICADE IS REQUIRED, THE OTHER LIGHT SHALL BE INSTALLED ABOVE THE FIRST ADVANCE WARNING SIGN.

ALL WARNING SIGNS SHALL HAVE MINIMUM DIMENSIONS OF 36 x 36 AND HAVE A BLACK LEGEND ON A FLUORESCENT ORANGE REFLECTORIZED BACKGROUND.

LONGITUDINAL DIMENSIONS MAY BE ADJUSTED TO FIT FIELD CONDITIONS.

ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE SHOWN.

PROJECT NO.: #PROJ#RD06871018
 PROD. CONTACT: #PROJ#MCR#MMS
 FILE NAME: 06871018-TR 60-B-ROAD CLOSURE.dgn
 PEN TABLE: #PEN# TABLE\$



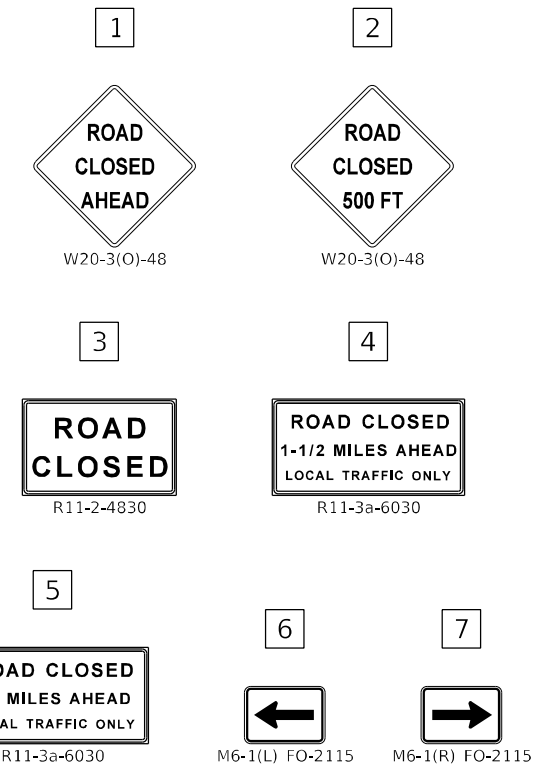
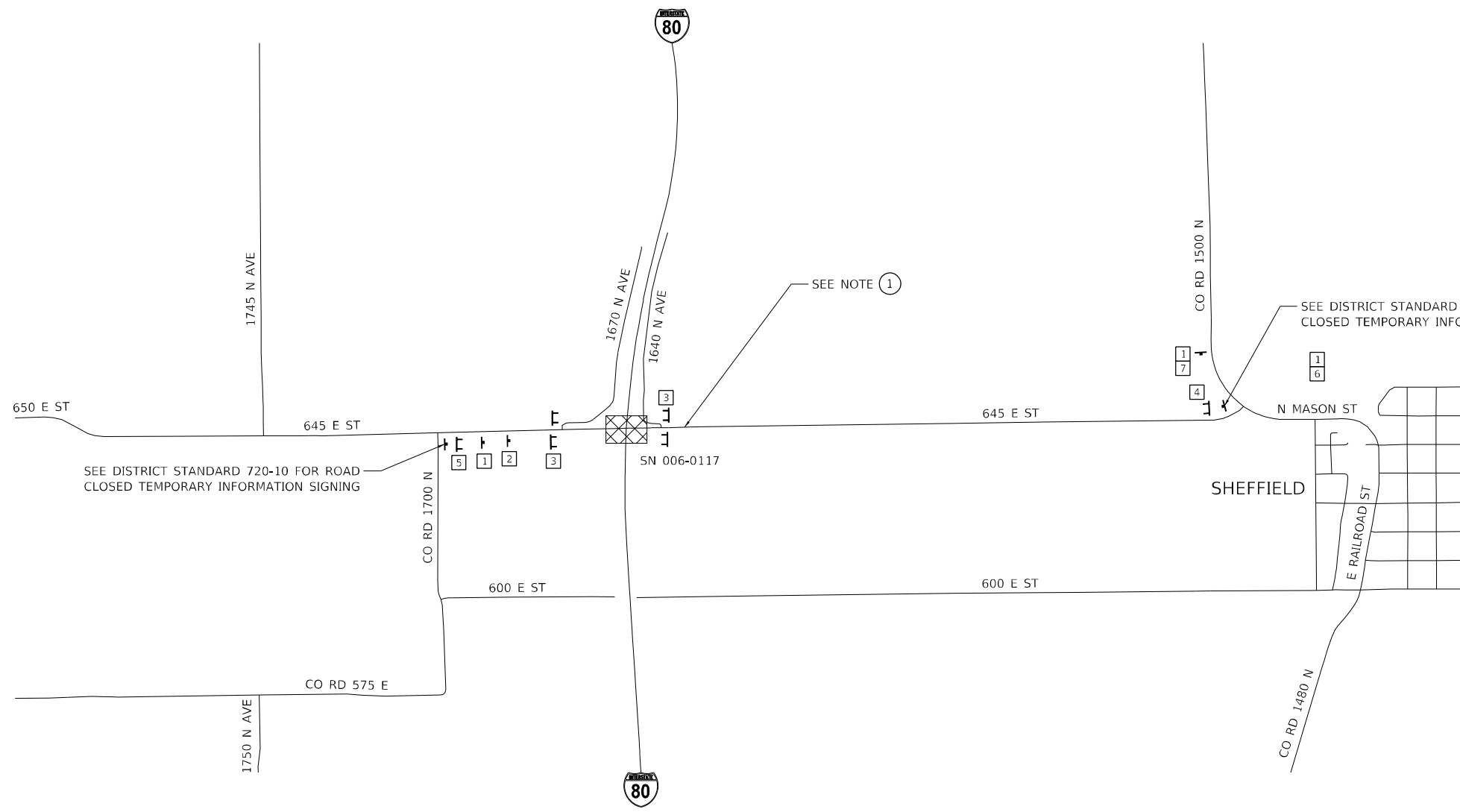
USER NAME = amonochlo	DESIGNED - MDB	REVISED -
	DRAWN - MDB	REVISED -
PLOT SCALE = 100,0000' / in.	CHECKED - DW	REVISED -
PLOT DATE = 2/14/2022	DATE - 2/14/2022	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**470 E ST (TR 60-B) OVER INTERSTATE 80
 ROAD CLOSURE SIGNING DETAIL**

SCALE: 1"=50' SHEET 12 OF 13 SHEETS

F.A.J. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(06-1HB-2 & 06-2HB)BR	BUREAU	202	59
			CONTRACT NO. 66K73	
ILLINOIS FED. AID PROJECT				



SEE DISTRICT STANDARD 720-10 FOR ROAD CLOSED TEMPORARY INFORMATION SIGNING

SEE DISTRICT STANDARD 720-10 FOR ROAD CLOSED TEMPORARY INFORMATION SIGNING

SEE NOTE (1)

NOTES

TYPE III BARRICADES AND R11-4-6030 SIGNS SHALL BE POSITIONED AS SHOWN IN THE "ROAD CLOSED TO ALL TRAFFIC" DETAIL ON HIGHWAY STANDARD 701901. IF THE DISTANCE "D" EXCEEDS 2000', AN ADDITIONAL SET OF BARRICADES AND R11-4-6030 SHALL BE PLACED AT EACH END OF THE WORK AREA.

TWO TYPE A LOW INTENSITY FLASHING LIGHTS SHALL BE USED ON EACH APPROACH IN ADVANCE OF THE WORK AREA. ONE LIGHT SHALL BE INSTALLED ABOVE EACH BARRICADE. IF ONLY ONE BARRICADE IS REQUIRED, THE OTHER LIGHT SHALL BE INSTALLED ABOVE THE FIRST ADVANCE WARNING SIGN.

ALL WARNING SIGNS SHALL HAVE MINIMUM DIMENSIONS OF 36 x 36 AND HAVE A BLACK LEGEND ON A FLUORESCENT ORANGE REFLECTORIZED BACKGROUND.

LONGITUDINAL DIMENSIONS MAY BE ADJUSTED TO FIT FIELD CONDITIONS.

ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE SHOWN.

(1) CONTRACTOR TO MAINTAIN ACCESS TO RESIDENTIAL PROPERTY AND 1640 N AVE DURING CONSTRUCTION OF THE CULVERT AT STATION 26+91

LEGEND

- WORK AREA
- TYPE III BARRICADE
- TEMPORARY SIGN

PROJECT NO.: #PROJ#RD82C-TR-82-C
 PROD. CONTACT: #PROJ#RD82C-TR-82-C
 FILE NAME: 0668773_645E-2691ur.dgn
 PEN TABLE: #PEN# TABLE#



USER NAME = amonocchlo	DESIGNED - MDB	REVISED -
	DRAWN - MDB	REVISED -
PLOT SCALE = 100,0000' / in.	CHECKED - DW	REVISED -
PLOT DATE = 2/14/2022	DATE - 2/14/2022	REVISED -

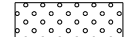
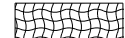



**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

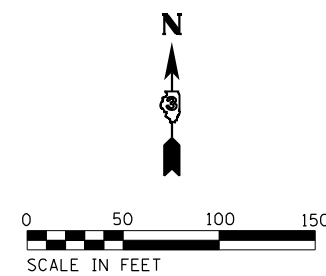
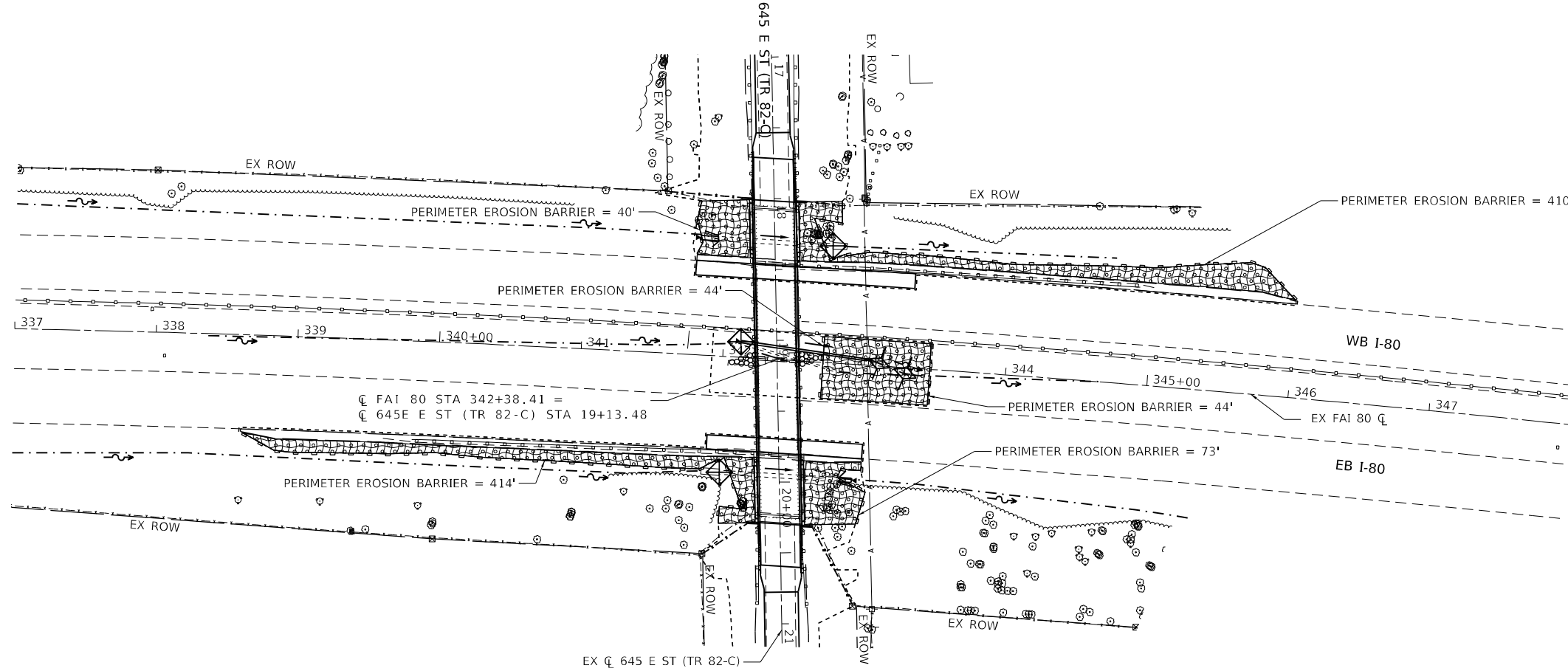
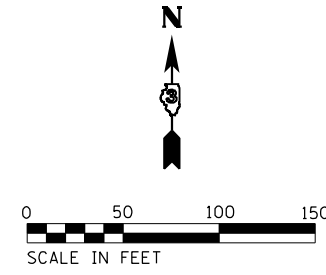
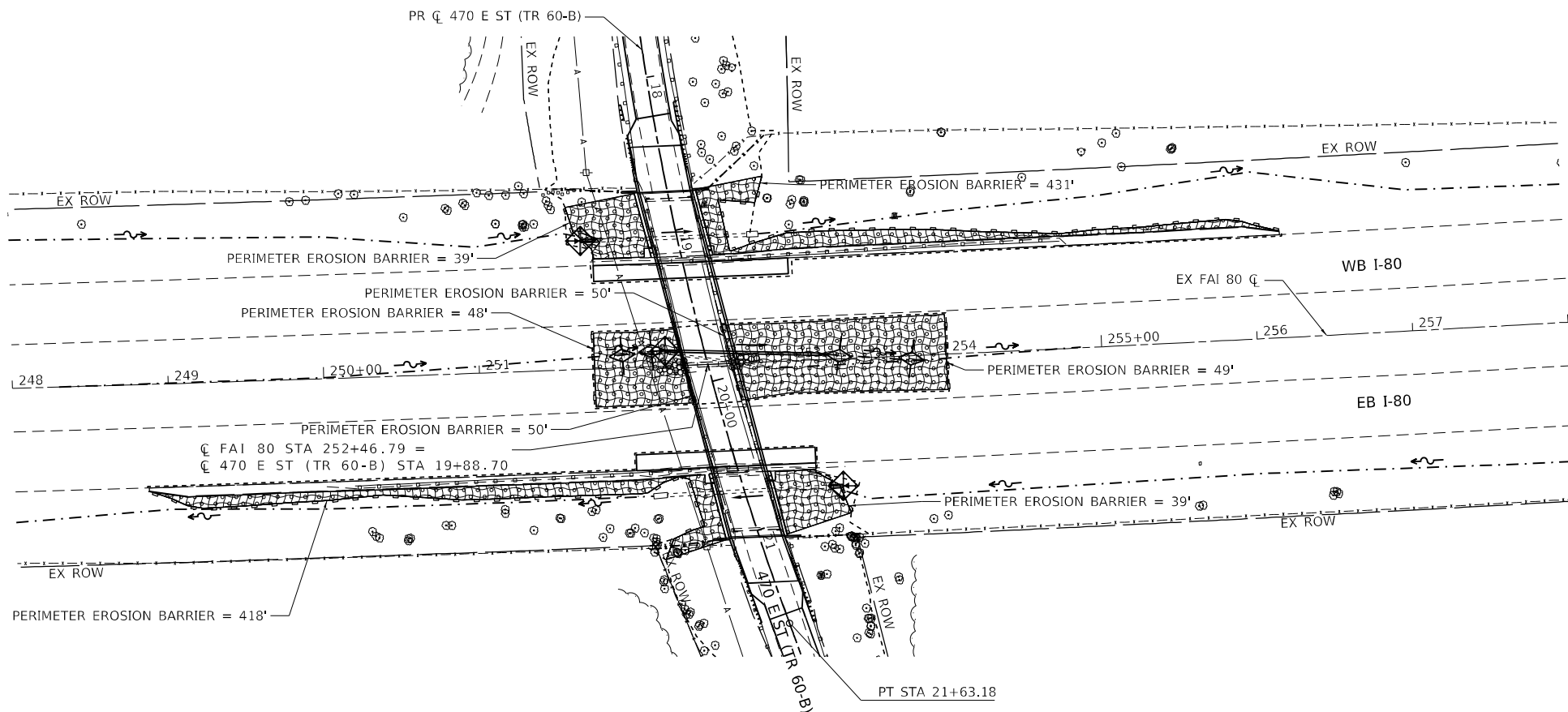
**645 E ST (TR 82-C) OVER INTERSTATE 80
ROAD CLOSURE SIGNING DETAIL**

SCALE: 1"=50' SHEET 13 OF 13 SHEETS

F.A.J. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(06-1HB-2 & 06-2HB)BR	BUREAU	202	60
CONTRACT NO. 66K73			ILLINOIS FED. AID PROJECT	

LEGEND

-  SEEDING CLASS 2A (25000210)
-  EROSION CONTROL BLANKET (25100630)
-  PERIMETER EROSION BARRIER (28000400)
-  INLET AND PIPE PROTECTION (28000500)
-  TEMPORARY DITCH CHECKS (28000305)



PROJECT NO.: #P06F0000021010
 PROD. CONTACT: #P06F0000021010
 FILE NAME: 066K73-80-CC-00P
 PEN TABLE: #PENL TABLES



USER NAME = amonocchlo	DESIGNED - AMM	REVISED -
PLOT SCALE = 100,0000' / in.	DRAWN - AMM	REVISED -
PLOT DATE = 2/14/2022	CHECKED - DW	REVISED -
	DATE - 2/14/2022	REVISED -

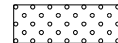
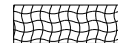


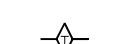

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

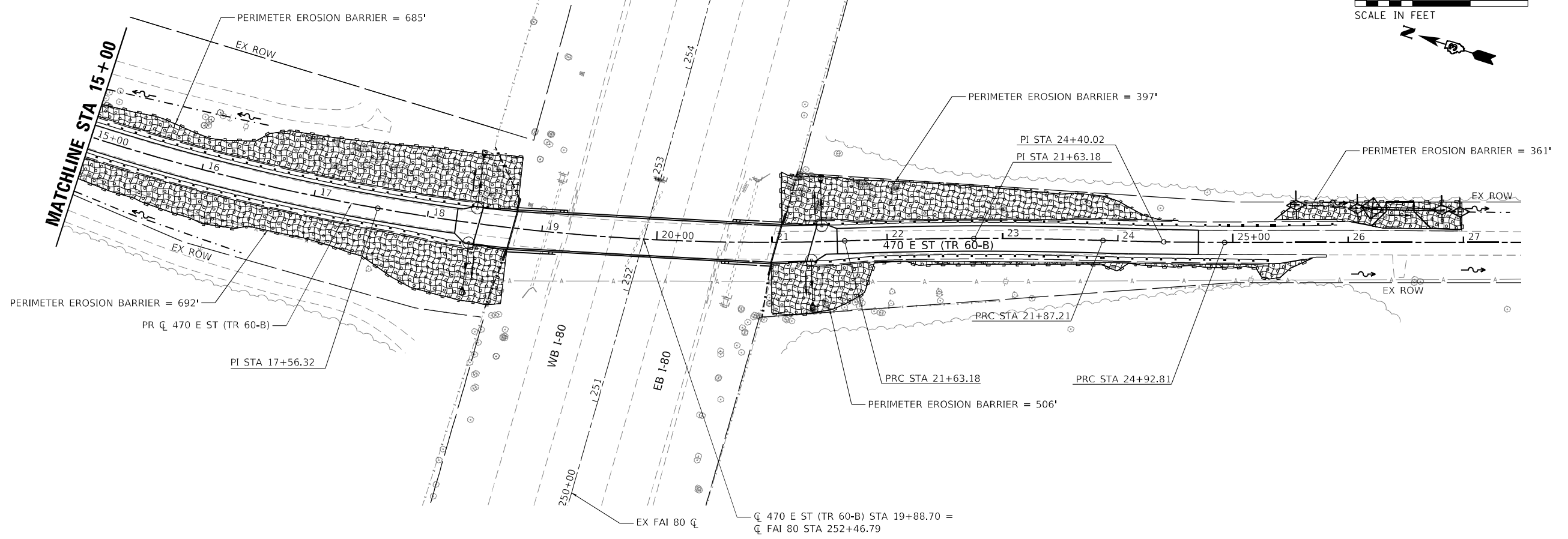
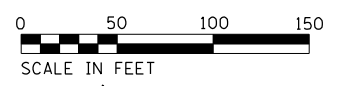
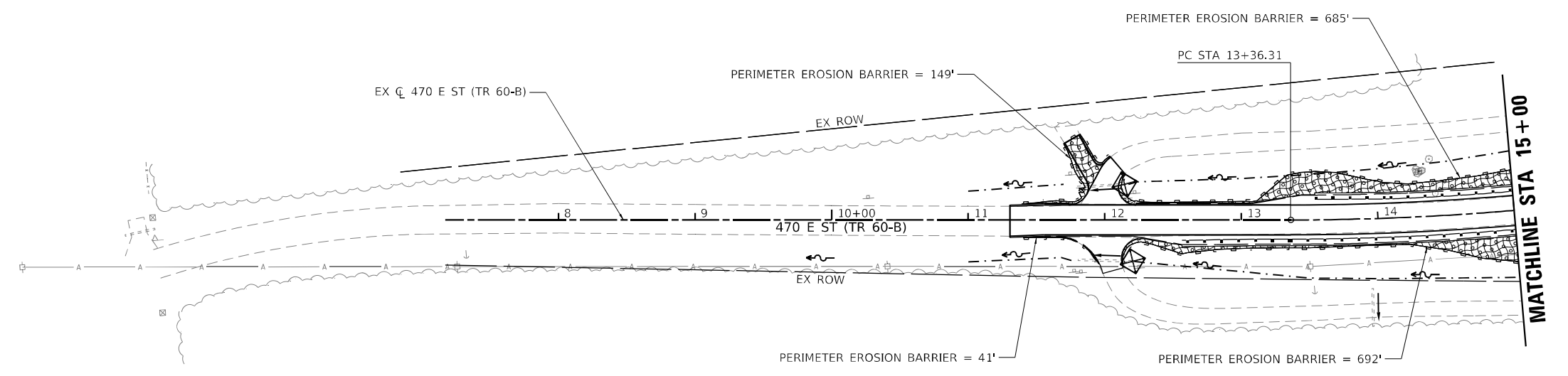
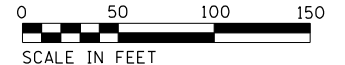
**I-80
EROSION AND SEDIMENT CONTROL PLANS**

SCALE: 1"=50' SHEET 1 OF 3 SHEETS STA. 248+00.00 TO STA. 348+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(06-1HB-2 & 06-2HB)BR	BUREAU	202	61
			CONTRACT NO. 66K73	
ILLINOIS FED. AID PROJECT				

LEGEND

-  SEEDING CLASS 2A (25000210)
-  EROSION CONTROL BLANKET (25100630)
-  PERIMETER EROSION BARRIER (28000400)
-  INLET AND PIPE PROTECTION (28000500)
-  TEMPORARY DITCH CHECKS (28000305)
-  INLET FILTER (28000510)



PROJECT NO.: SPRINGFIELD/ST0108
 PROJ. CONTACT: #SPRINGFIELD/ST0108
 FILE NAME: 066K73-1702-EC.dgn
 PEN TABLE: #PENL TABLE\$



USER NAME = amonocchlo	DESIGNED - AMM	REVISED -
PLOT SCALE = 100,0000' / in.	DRAWN - AMM	REVISED -
PLOT DATE = 2/14/2022	CHECKED - DW	REVISED -
	DATE - 2/14/2022	REVISED -

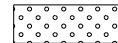



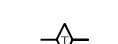

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

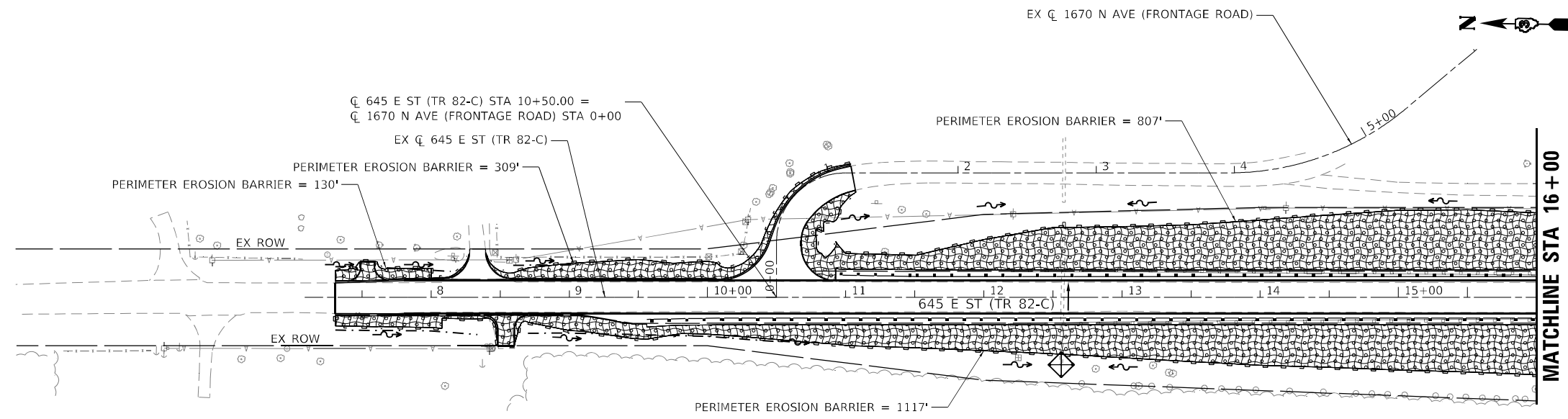
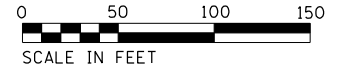
**470 E ST (TR 60-B) OVER I-80
EROSION AND SEDIMENT CONTROL PLANS**

SCALE: 1"=50' SHEET 2 OF 3 SHEETS STA 11+30.50 (POB) TO STA 26+98.68 (POE)

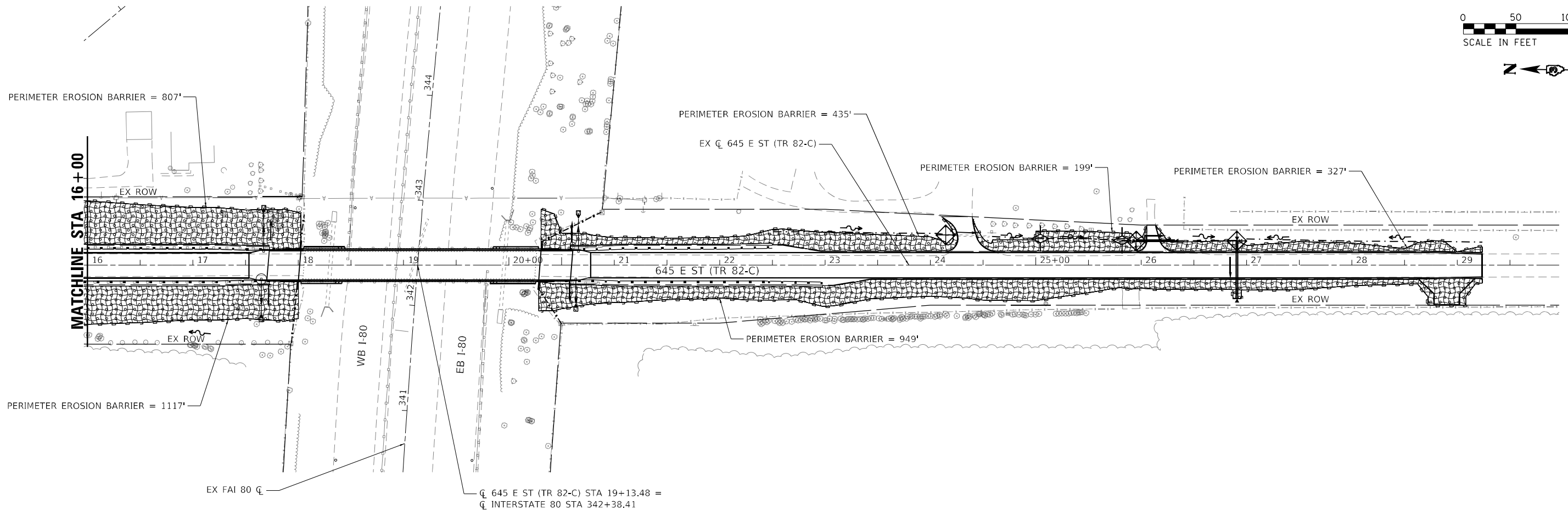
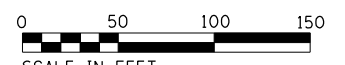
F.A.J. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(06-1HB-2 & 06-2HB)BR	BUREAU	202	62
CONTRACT NO. 66K73			ILLINOIS FED. AID PROJECT	

LEGEND

-  SEEDING CLASS 2A (25000210)
-  EROSION CONTROL BLANKET (25100630)
-  PERIMETER EROSION BARRIER (28000400)
-  INLET AND PIPE PROTECTION (28000500)
-  TEMPORARY DITCH CHECKS (28000305)
-  INLET FILTER (28000510)



MATCHLINE STA 16+00



PROJECT NO.: SPR016000210
 PROJ. CONTACT: #PROJMANAGER
 FILE NAME: 066K73_645E-EC.dgn
 PEN TABLE: #PEN_TABLE\$



USER NAME = amonocchlo	DESIGNED - AMM	REVISED -
PLOT SCALE = 100,0000' / in.	DRAWN - AMM	REVISED -
PLOT DATE = 2/14/2022	CHECKED - DW	REVISED -
	DATE - 2/14/2022	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**645 E ST (TR 82-C) OVER I-80
EROSION AND SEDIMENT CONTROL PLANS**

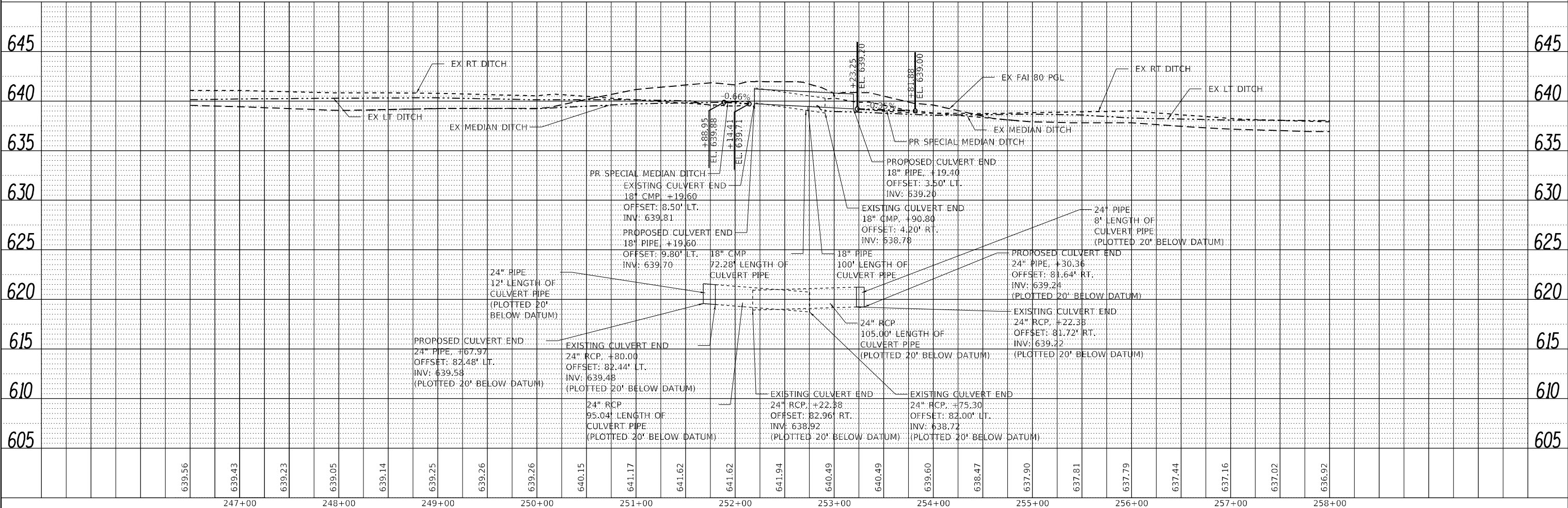
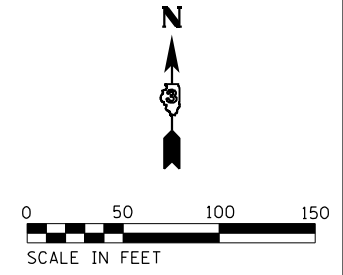
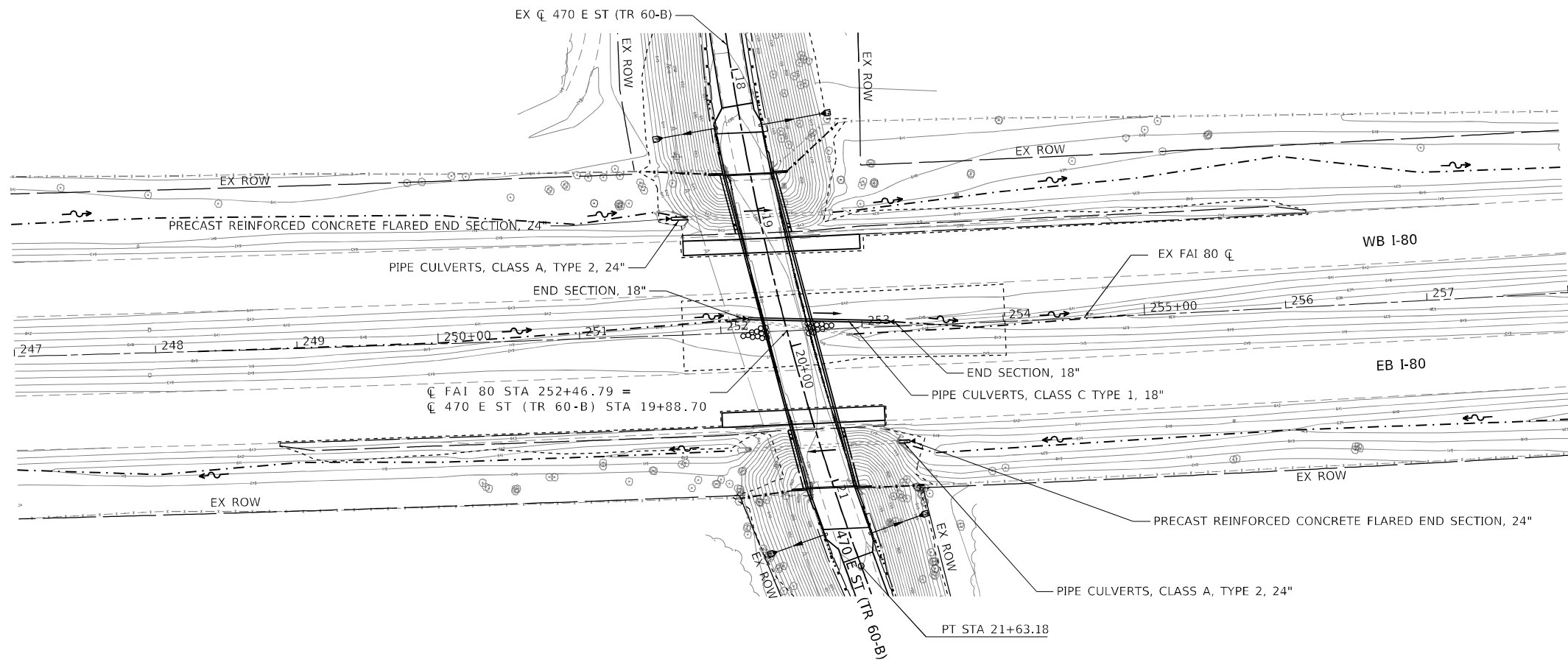
SCALE: 1"=50' SHEET 3 OF 3 SHEETS STA 7+30,69 (POB) TO STA 29+23.75 (POE)

F.A.J. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(06-1HB-2 & 06-2HB)BR	BUREAU	202	63
CONTRACT NO. 66K73			ILLINOIS FED. AID PROJECT	

PLAN	SURVEYED	DATE
NOTE BOOK NO.	PLOTTED	BY
	ALIGNMENT CHECKED	
	AS-BUILT	
	FIELD FILE NAME	

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

PROJECT NO.: #P160000000000
 PROD. CONTACT: #P160000000000
 FILE NAME: 06-06-2022-06-06-06-06.dgn
 PEN TABLE: #PEN TABLES



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247+00		248+00		249+00		250+00		251+00		252+00		253+00		254+00		255+00		256+00		257+00		258+00	



USER NAME = amonocchlo	DESIGNED - BBL	REVISED -
	DRAWN - BBL	REVISED -
PLOT SCALE = 100,0000' / in.	CHECKED - DW	REVISED -
PLOT DATE = 2/14/2022	DATE - 2/14/2022	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

I-80
 DRAINAGE PLAN AND PROFILE

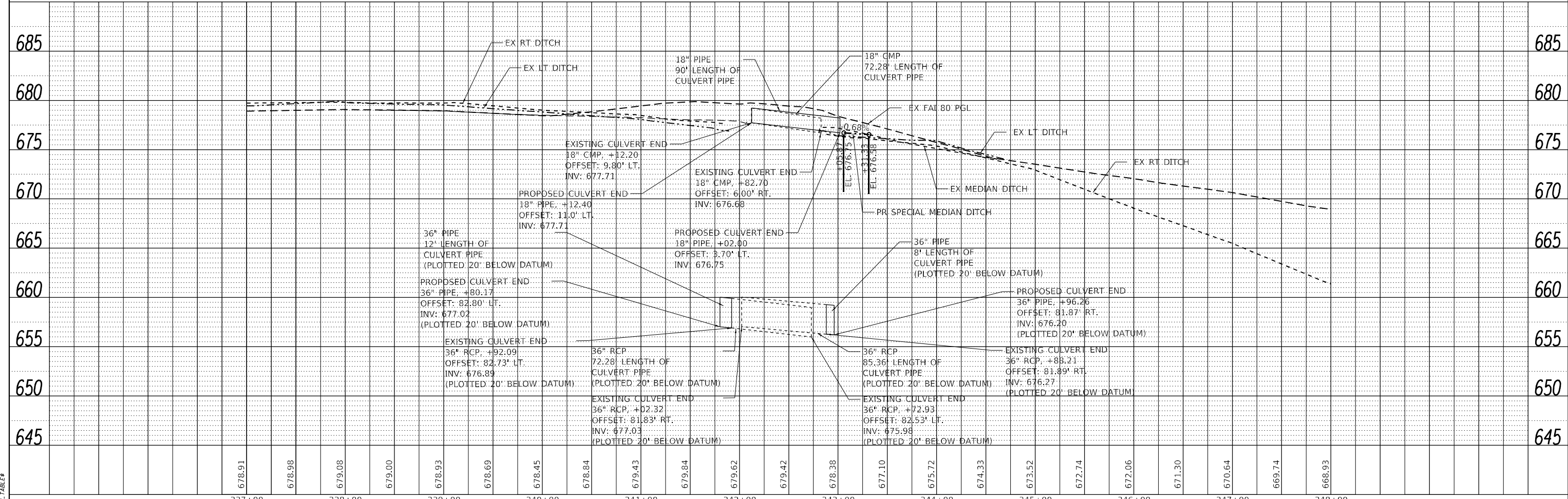
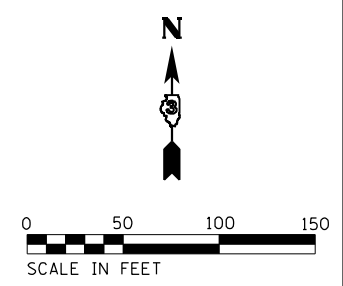
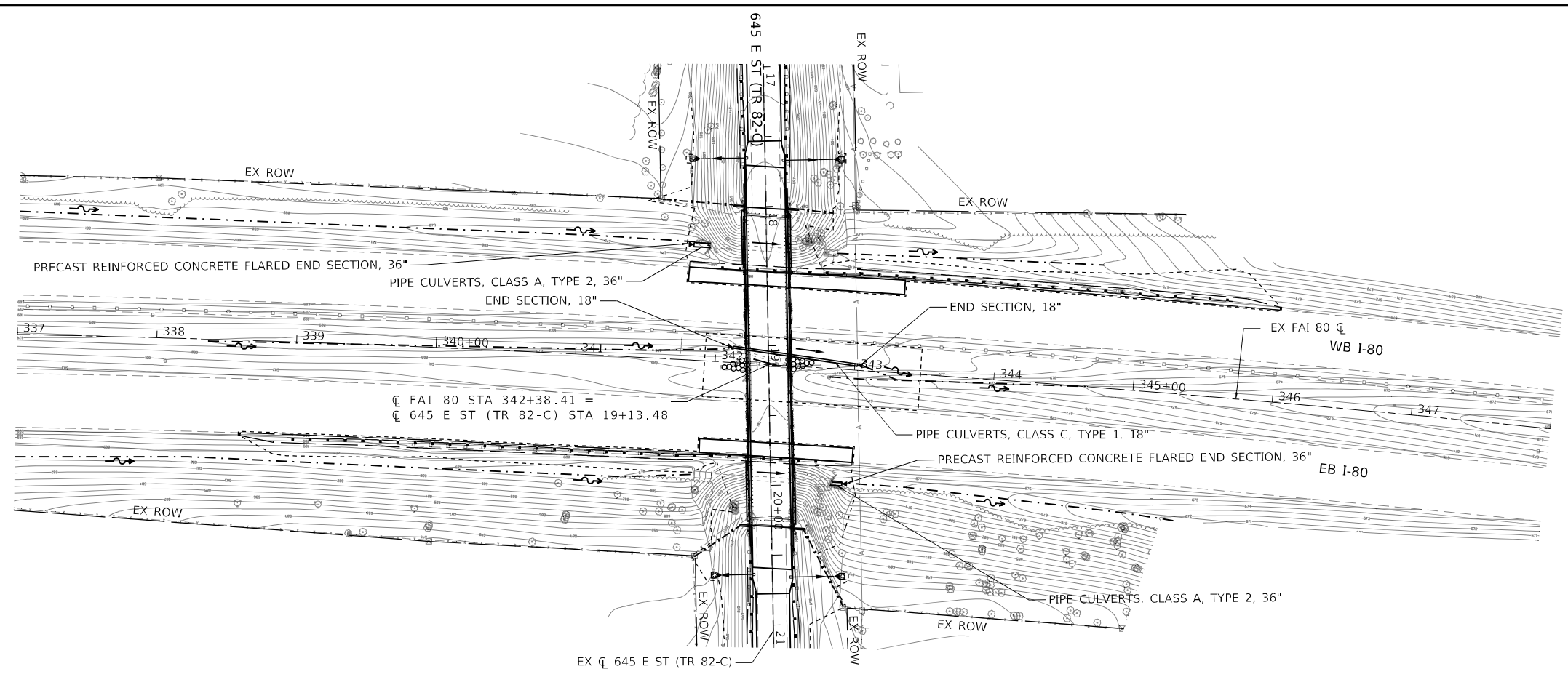
SCALE: 1"=50' SHEET 1 OF 6 SHEETS STA. 247+00.00 TO STA. 258+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(06-1HB-2 & 06-2HB)BR	BUREAU	202	64
CONTRACT NO.			66K73	
ILLINOIS		FED. AID PROJECT		

PLAN	SURVEYED	DATE
	PLOTTED	BY
	ALIGNED	
	CHECKED	
	FILED	
	CARD FILE NAME	
	NO.	

PROFILE	SURVEYED	DATE
	PLOTTED	BY
	GRADES CHECKED	
	STRUCTURE NOTATIONS CHECKED	
	NO.	

PROJECT NO.: #P0100000000
 PROD. CONTACT: #P0100000000
 FILE NAME: 06-1HB-2 & 06-2HB)BR
 PEN TABLE: #PEN TABLES



678.91	678.98	679.08	679.00	678.93	678.69	678.45	678.84	679.43	679.84	679.62	679.42	678.38	677.10	675.72	674.33	673.52	672.74	672.06	671.30	670.64	669.74	668.93
337+00	338+00	339+00	340+00	341+00	342+00	343+00	344+00	345+00	346+00	347+00	348+00											

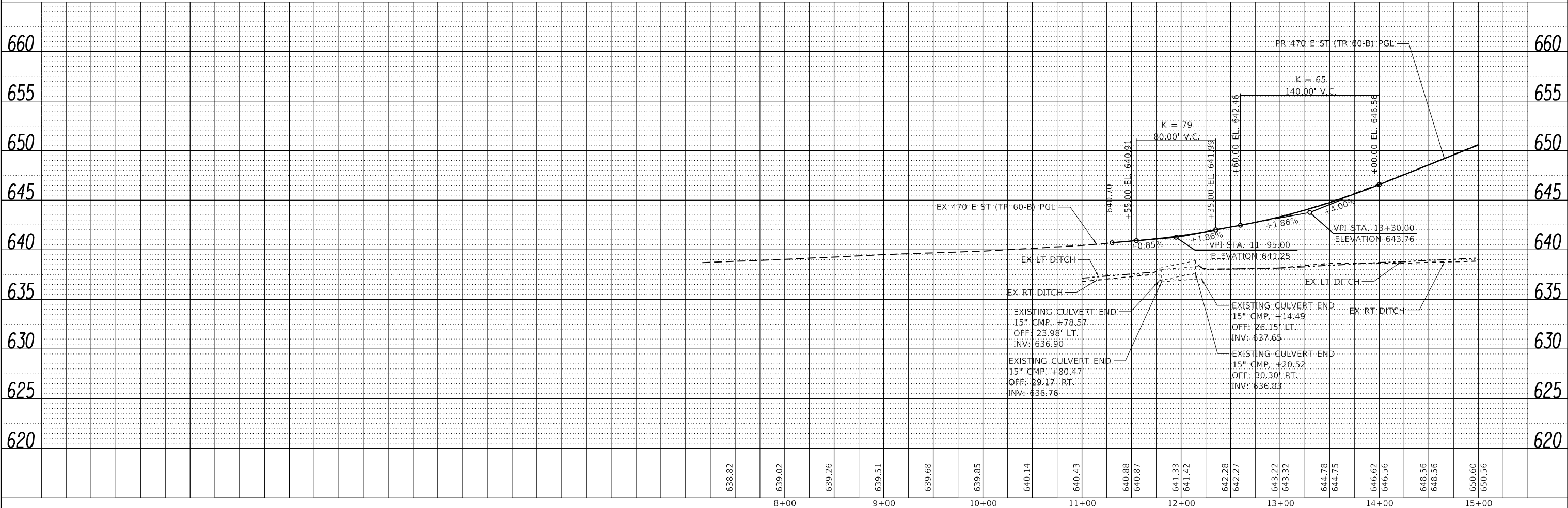
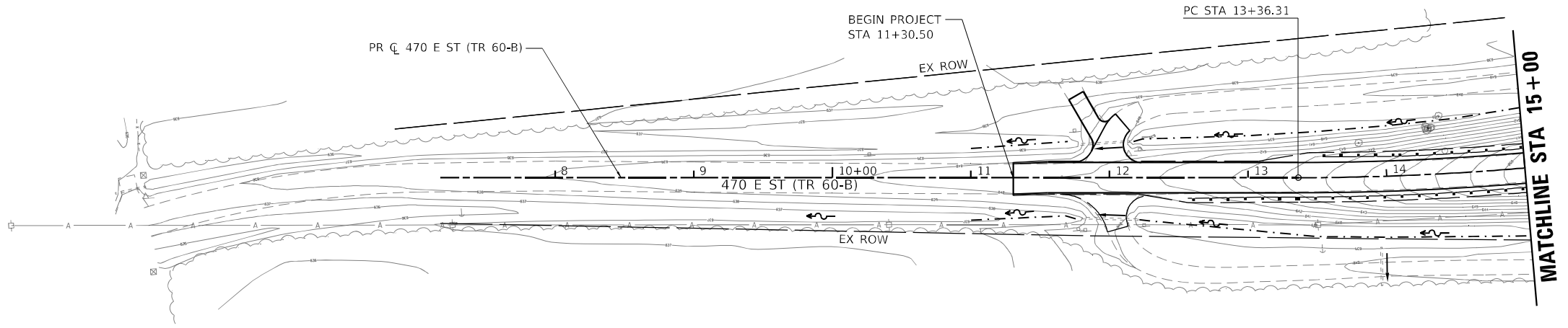
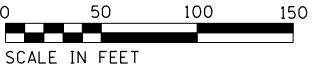


USER NAME = amonocchlo	DESIGNED - BBL	REVISED -
	DRAWN - BBL	REVISED -
PLOT SCALE = 100,0000' / in.	CHECKED - DW	REVISED -
PLOT DATE = 2/14/2022	DATE - 2/14/2022	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

I-80 DRAINAGE PLAN AND PROFILE	
SCALE: 1"=50'	SHEET 2 OF 6 SHEETS
STA. 337+00.00 TO STA. 348+00.00	

F.A.J. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(06-1HB-2 & 06-2HB)BR	BUREAU	202	65
CONTRACT NO. 66K73			ILLINOIS FED. AID PROJECT	



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

PROFILE	SURVEYED	BY	DATE
	PLOTTED		
	GRADES CHECKED		
	STRUCTURE NOTATIONS CHECKED		
	NO.		

PROJECT NO.: #PR0608020108
 PROD. CONTACT: #PR0608020108
 FILE NAME: 0608020108-06-2HB-02.dgn
 PEN TABLE: #PEN TABLES



USER NAME = amonocchlo	DESIGNED - AMM	REVISED -
PLOT SCALE = 100,0000' / in.	DRAWN - HEW	REVISED -
PLOT DATE = 2/14/2022	CHECKED - DW	REVISED -
	DATE - 2/14/2022	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

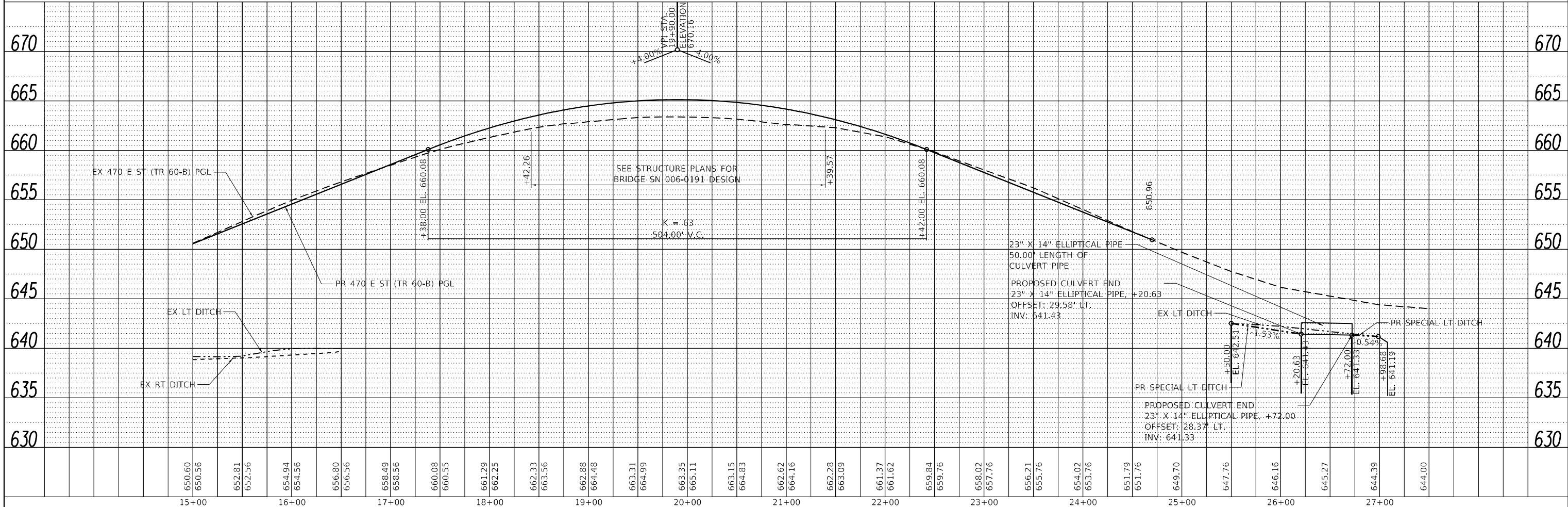
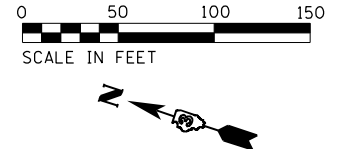
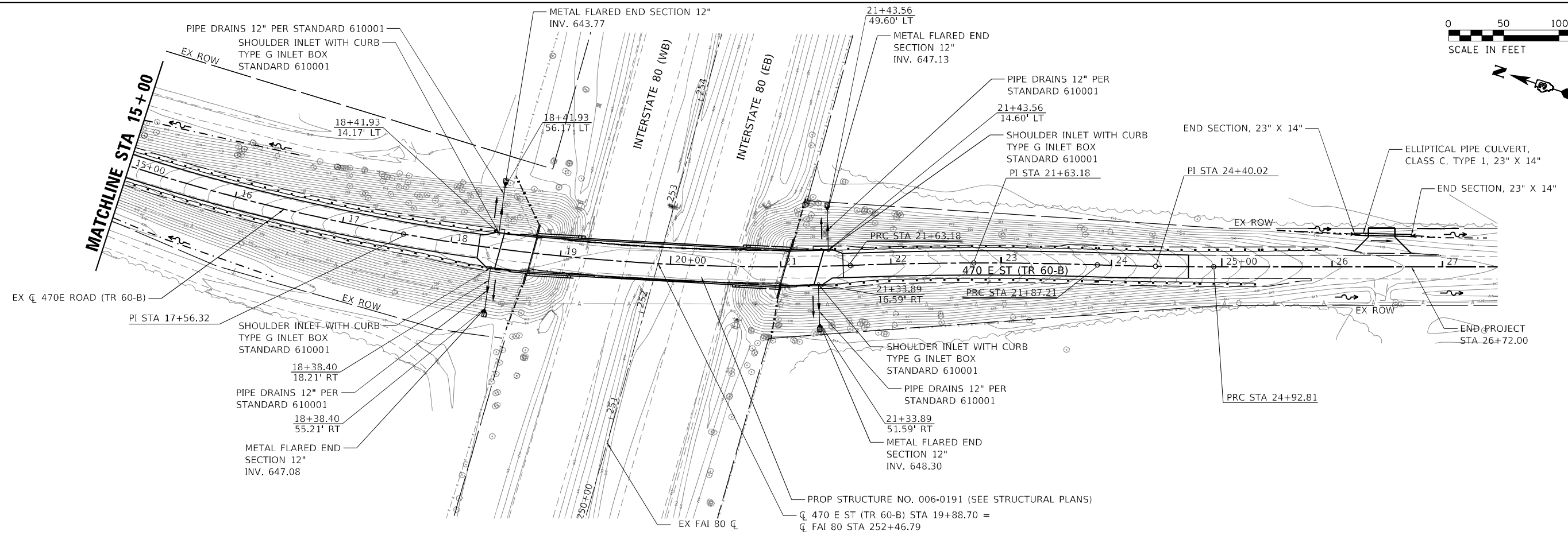
470 E ST (TR 60-B)
 DRAINAGE PLAN AND PROFILE
 SCALE: 1"=50'
 SHEET 3 OF 6 SHEETS
 STA. 11+30.50 (POB) TO STA. 15+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(06-1HB-2 & 06-2HB)BR	BUREAU	202	66
ILLINOIS			CONTRACT NO. 66K73	
FED. AID PROJECT				

PLAN	SURVEYED	BY	DATE
	PLOTTED		
	ALIGNED		
	CHECKED		
	FILED		
	NO.		

PROFILE	SURVEYED	BY	DATE
	PLOTTED		
	GRADES		
	CHECKED		
	STRUCTURE		
	NOTATIONS		
	CHKD		
	NO.		

PROJECT NO.: #PR0608020103
 PROD. CONTACT: #PR0608020103
 FILE NAME: 060802-17-02-01-02.dgn
 PEN TABLE: #PENL TABLES



USER NAME = amonocchlo	DESIGNED - AMM	REVISED -
	DRAWN - HEW	REVISED -
PLOT SCALE = 100,0000' / in.	CHECKED - DW	REVISED -
PLOT DATE = 2/14/2022	DATE - 2/14/2022	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

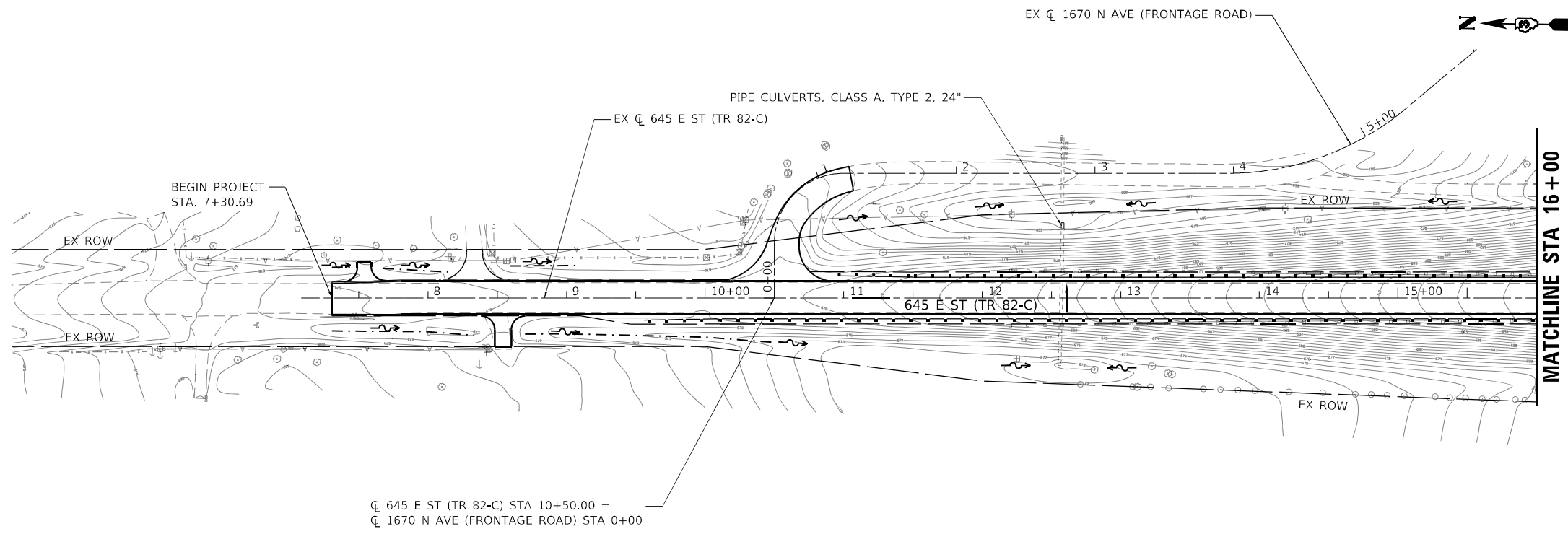
470 E ST OVER INTERSTATE 80 DRAINAGE PLAN AND PROFILE		
SCALE: 1"=50'	SHEET 4 OF 6 SHEETS	STA. 15+00.00 TO STA. 26+98.68 (POE)

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(06-1HB-2 & 06-2HB)BR	BUREAU	202	67
CONTRACT NO. 66K73			ILLINOIS FED. AID PROJECT	

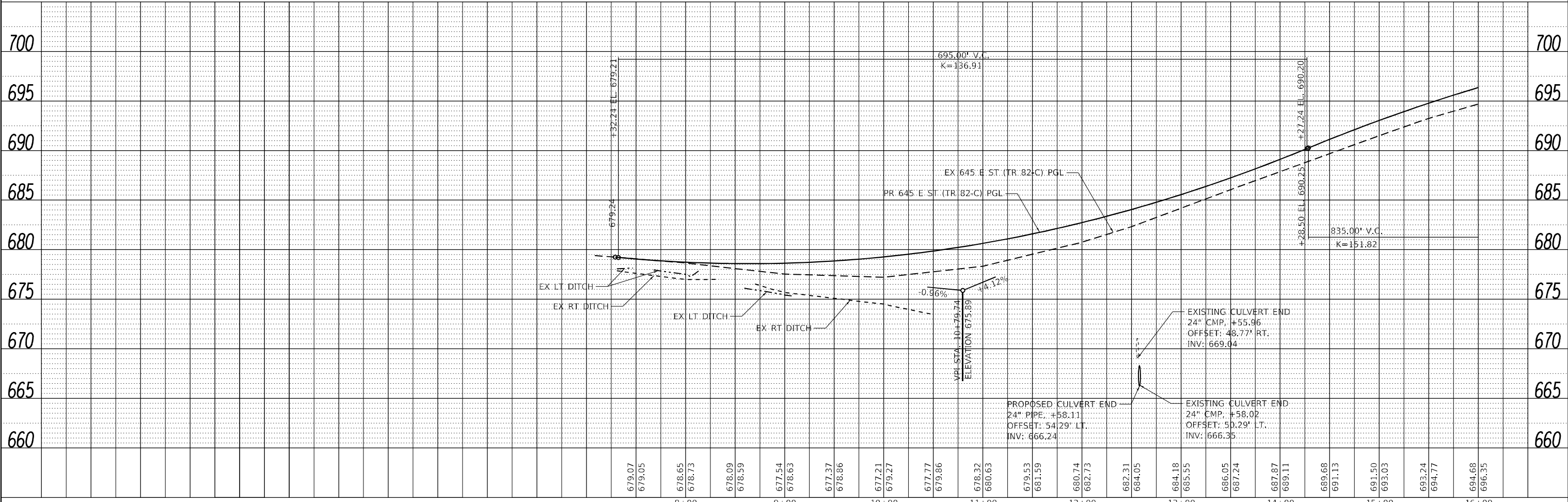
PLAN	SURVEYED	BY	DATE
	PLOTTED		
	ALIGNED		
	CHECKED		
	FILED		
	NO. _____		

PROFILE	SURVEYED	BY	DATE
	PLOTTED		
	GRADES CHECKED		
	STRUCTURE NOTATIONS CHECKED		
	NO. _____		

PROJECT NO.: #PROJ000007103
 PROJ. CONTACT: #PROJ000007103
 FILE NAME: 066673_645E-01.dwg
 PEN TABLE: #PEN TABLES



CL 645 E ST (TR 82-C) STA 10+50.00 =
 CL 1670 N AVE (FRONTAGE ROAD) STA 0+00



USER NAME = amonocchlo	DESIGNED - AMM	REVISED -
	DRAWN - DPH	REVISED -
PLOT SCALE = 100,0000' / in.	CHECKED - DW	REVISED -
PLOT DATE = 2/14/2022	DATE - 2/14/2022	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

645 E ST (TR 82-C) OVER INTERSTATE 80
 DRAINAGE PLAN AND PROFILE
 SCALE: 1"=50' SHEET 5 OF 6 SHEETS STA 7+30.69 (POB) TO STA 16+00.00

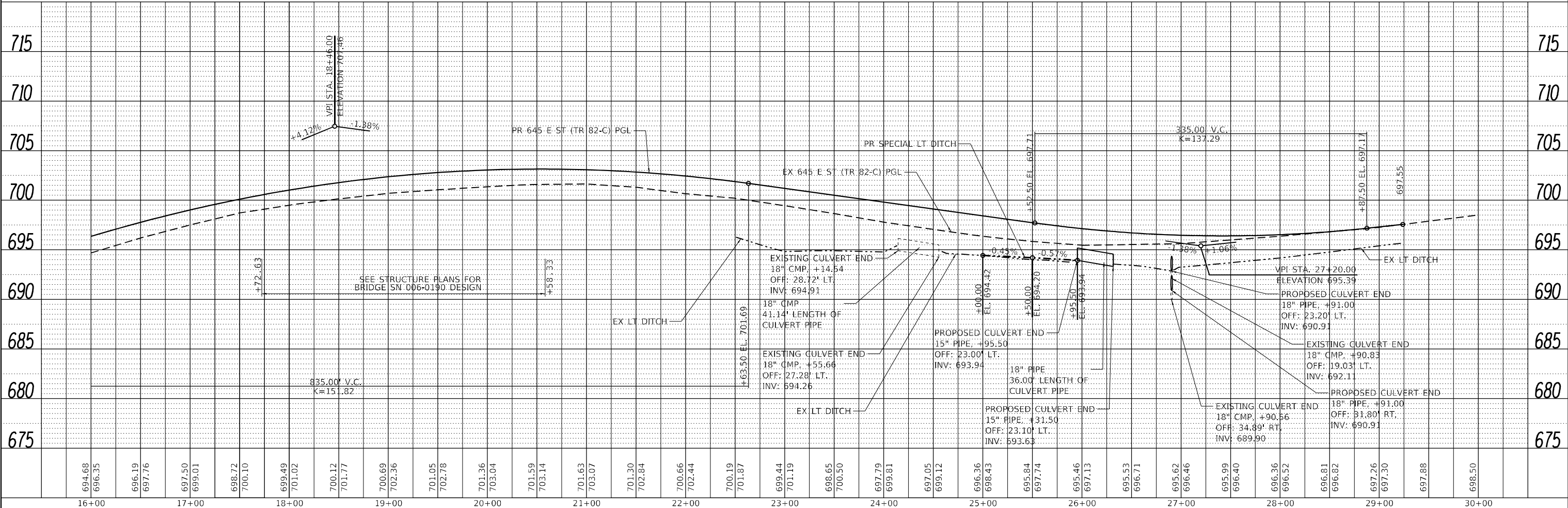
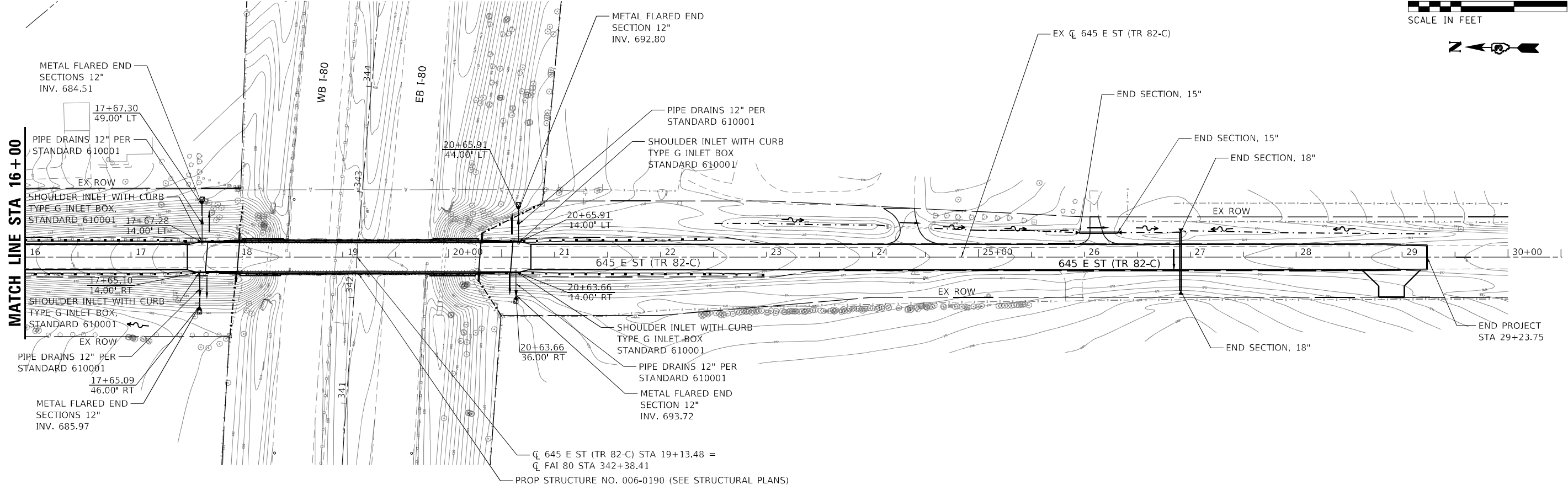
F.A.J. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(06-1HB-2 & 06-2HB)BR	BUREAU	202	68
CONTRACT NO. 66K73			ILLINOIS FED. AID PROJECT	



PLAN	SURVEYED	DATE
	PLOTTED	BY
	ALIGNED	
	CHECKED	
	FILED	
	NO.	

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

PROJECT NO.: #SPR060807010
 PROJ. CONTACT: #SPR060807010
 FILE NAME: 066K73_645E-070102.dgn
 PEN TABLE: #PEN TABLES

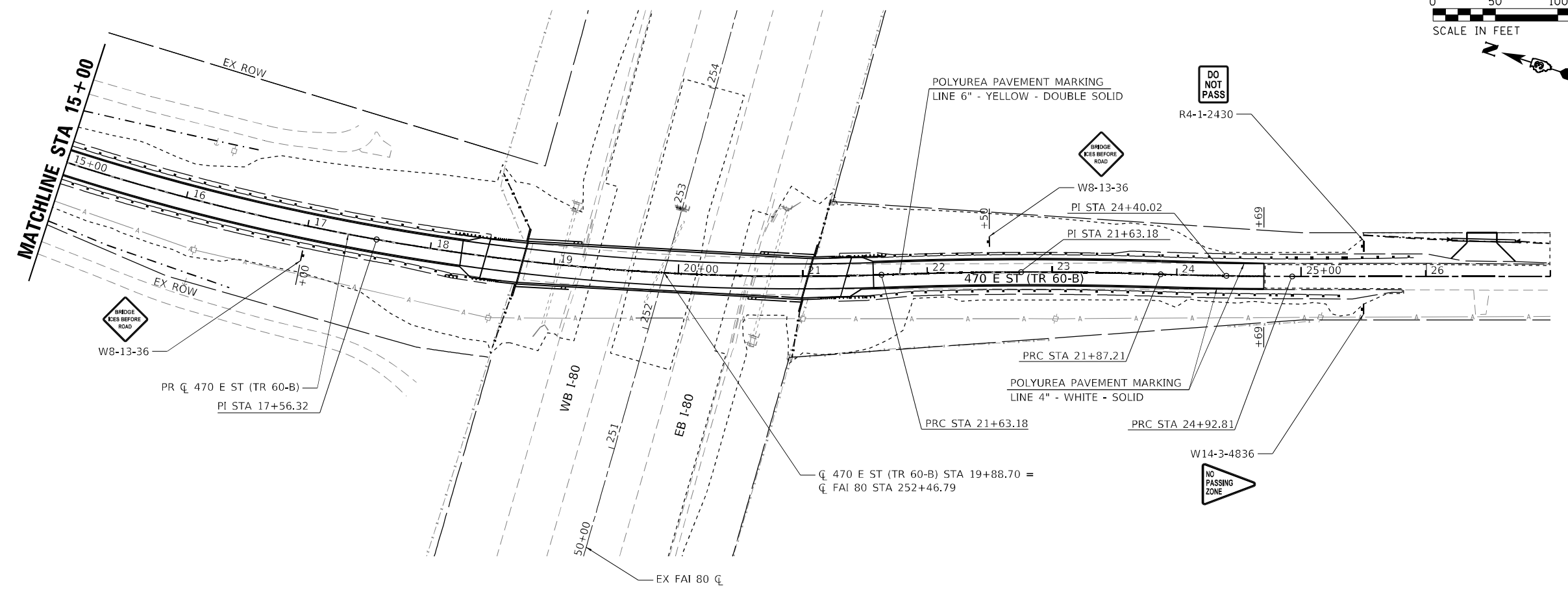
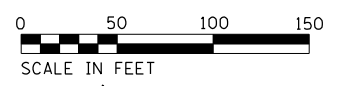
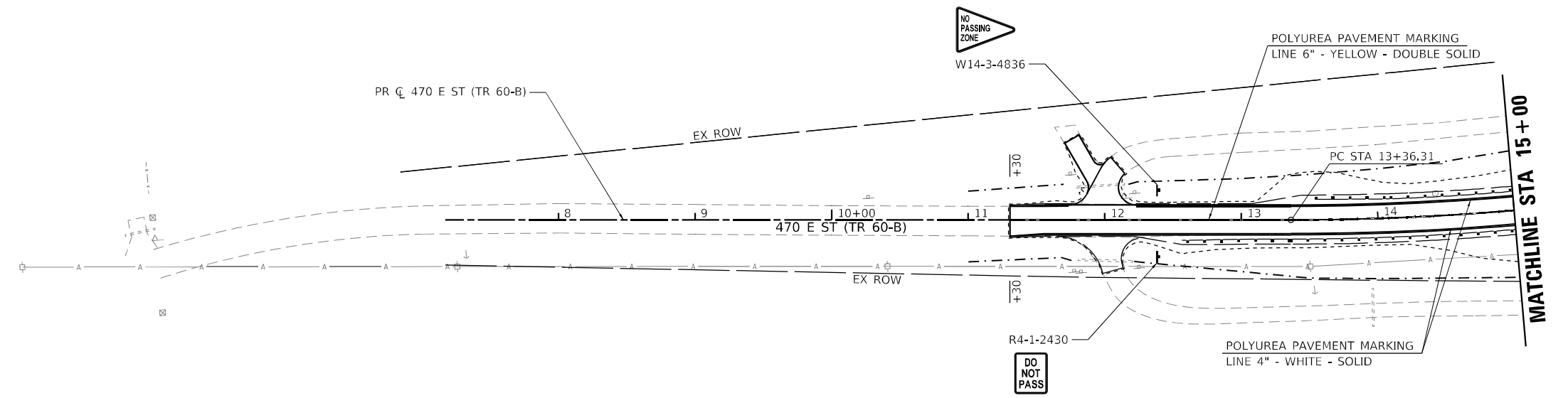


USER NAME = amonocchlo	DESIGNED - AMM	REVISED -
	DRAWN - DPH	REVISED -
	CHECKED - DW	REVISED -
	DATE - 2/14/2022	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

645 E ST (TR 82-C) OVER I-80 DRAINAGE PLAN AND PROFILE	
SCALE: 1"=50'	SHEET 6 OF 6 SHEETS
STA 16+00.00 TO STA 29+23.75 (POE)	

F.A.J. RTE. 80	SECTION (06-1HB-2 & 06-2HB)BR	COUNTY BUREAU	TOTAL SHEETS 202	SHEET NO. 89
CONTRACT NO. 66K73				
ILLINOIS FED. AID PROJECT				



PROJECT NO.: #PR01600001010
 PROJ. CONTACT: #PR01600001010
 FILE NAME: 066673-1102-PlanMark&Sign.dgn
 PEN TABLE: #PENL TABLE\$



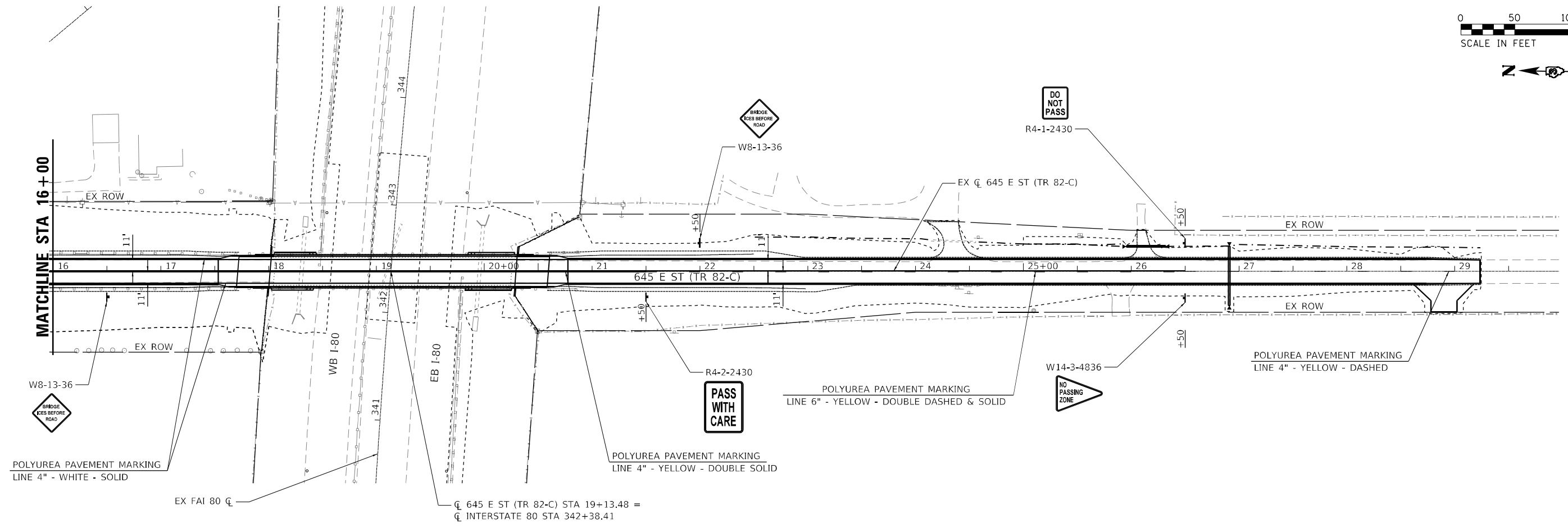
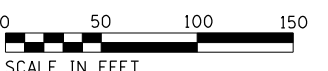
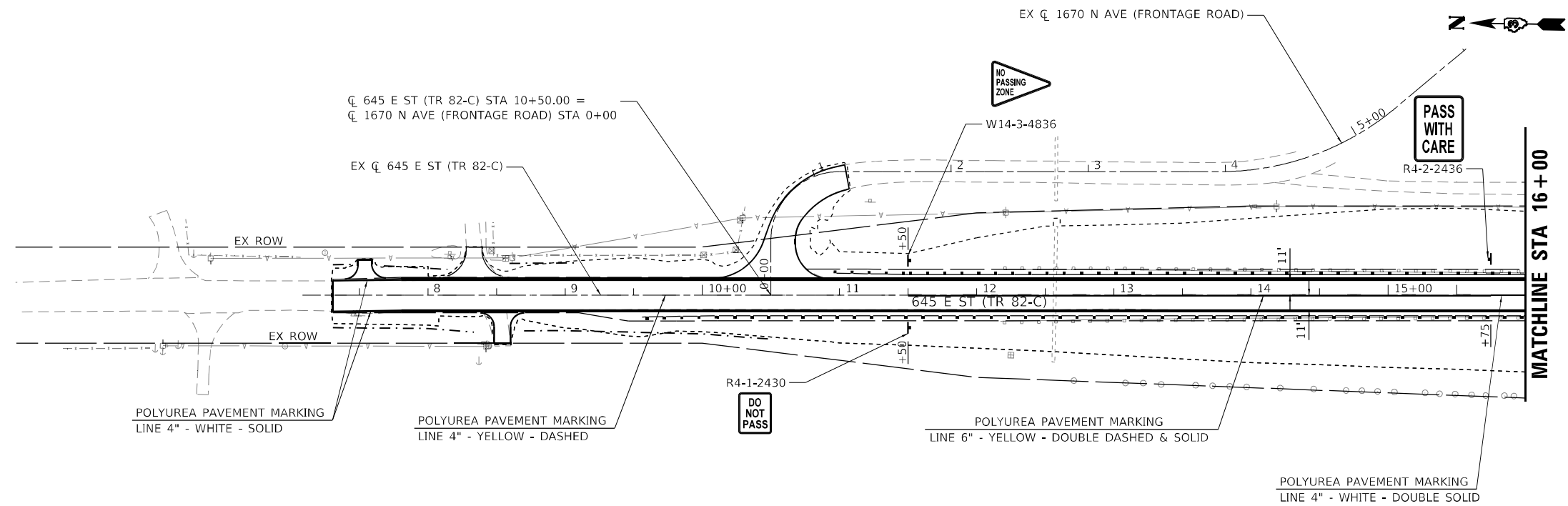
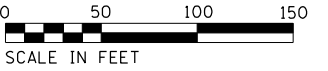
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PLOT SCALE = 100,0000' / in.	DRAWN - AMM	REVISED -
PLOT DATE = 2/14/2022	CHECKED - DW	REVISED -
	DATE - 2/14/2022	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**470 E ST (TR 60-B) OVER I-80
SIGNAGE AND PAVEMENT MARKING PLAN**

SCALE: 1"=50' SHEET 1 OF 2 SHEETS STA 11+30.50 (POB) TO STA 26+98.68 (POE)

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(06-1HB-2 & 06-2HB)BR	BUREAU	202	70
CONTRACT NO. 66K73			ILLINOIS FED. AID PROJECT	



PROJECT NO.: SP190600021010
 PROD. CONTACT: #PROJMANAGER
 FILE NAME: 066K73_645E-29v1mtrr&sign.dgn
 PEN TABLE: #PENL TABLE#

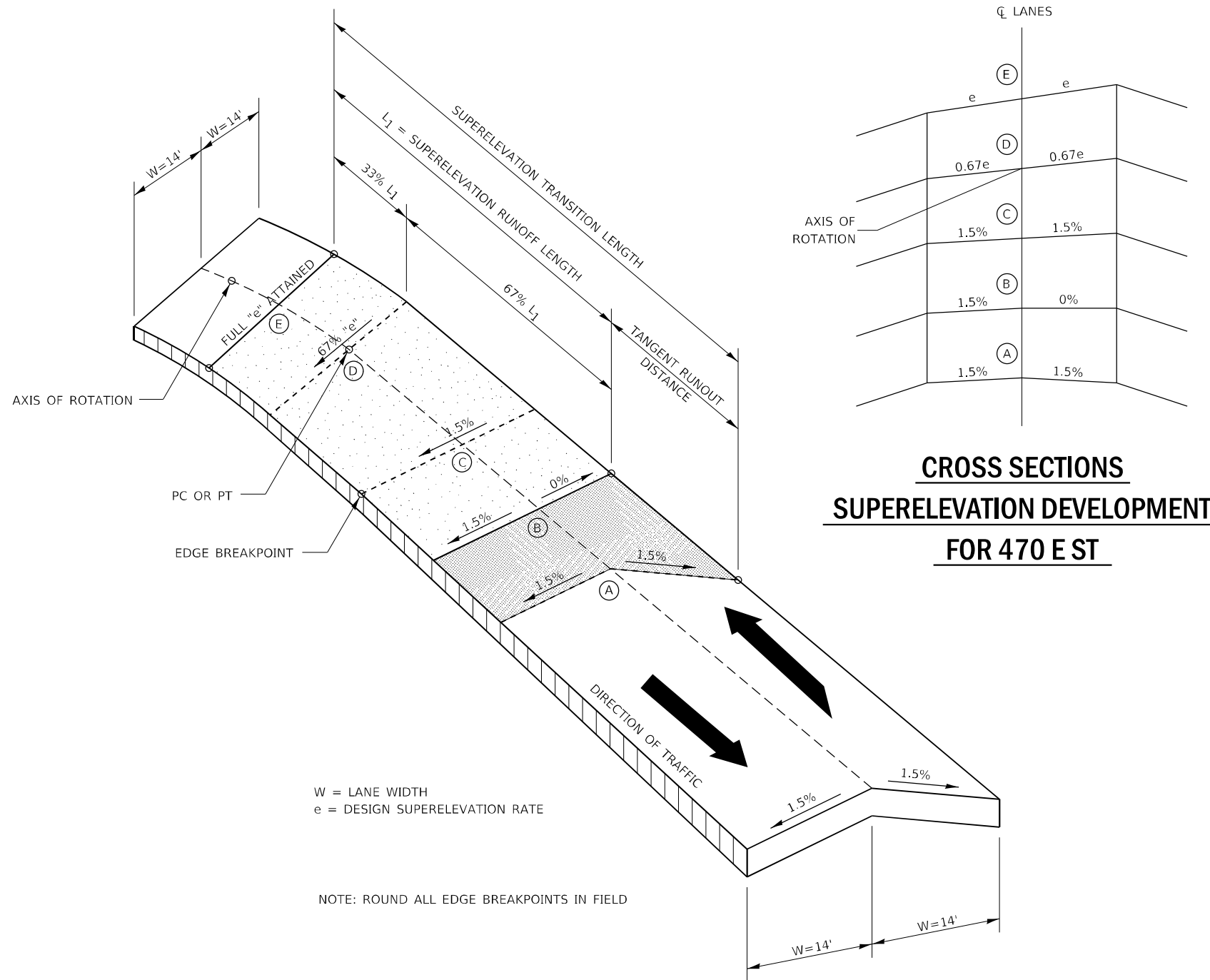


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PLOT SCALE = 100,0000' / in.	DRAWN - AMM	REVISED -
PLOT DATE = 2/14/2022	CHECKED - DW	REVISED -
	DATE - 2/14/2022	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

645 E ST (TR 82-C) OVER I-80
SIGNAGE AND PAVEMENT MARKING PLANS
 SCALE: 1"=50' SHEET 2 OF 2 SHEETS STA 7+30.69 (POB) TO STA 29+23.75 (POE)

F.A.J. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(06-1HB-2 & 06-2HB)BR	BUREAU	202	71
CONTRACT NO. 66K73			ILLINOIS FED. AID PROJECT	



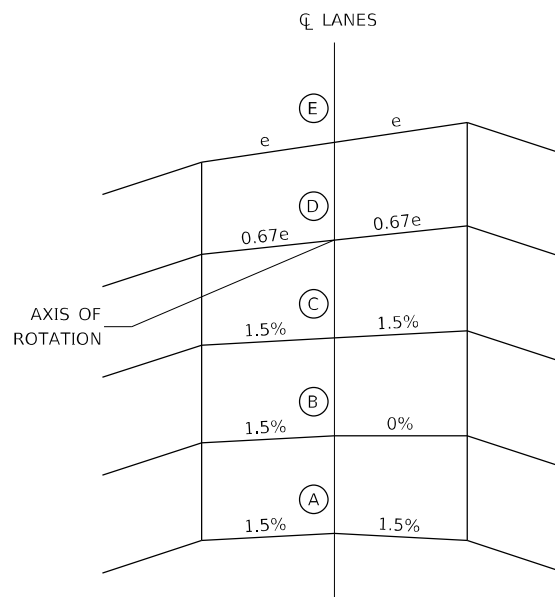
W = LANE WIDTH
e = DESIGN SUPERELEVATION RATE

NOTE: ROUND ALL EDGE BREAKPOINTS IN FIELD

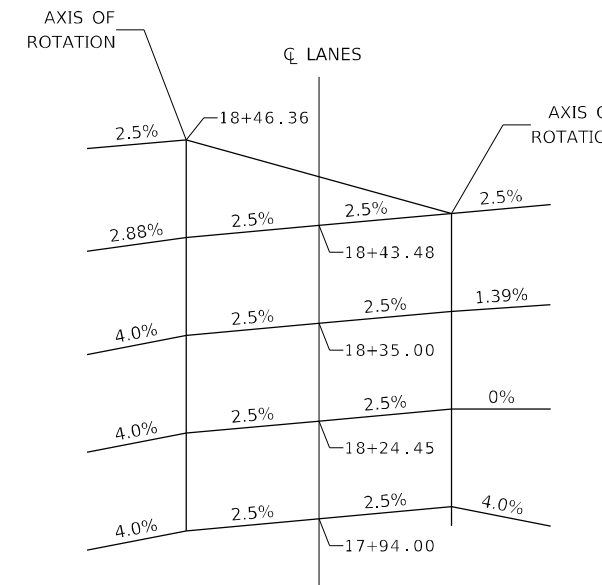
TRANSITION CURVE TABLE

CURVE PI STA.	SUPERELEVATION "e"	W	SUPERELEVATION RUNOFF LENGTH	TANGENT RUNOUT DISTANCE	SUPERELEVATION TRANSITION LENGTH
17+56.32	2.5%	14'	42'	25'	67'

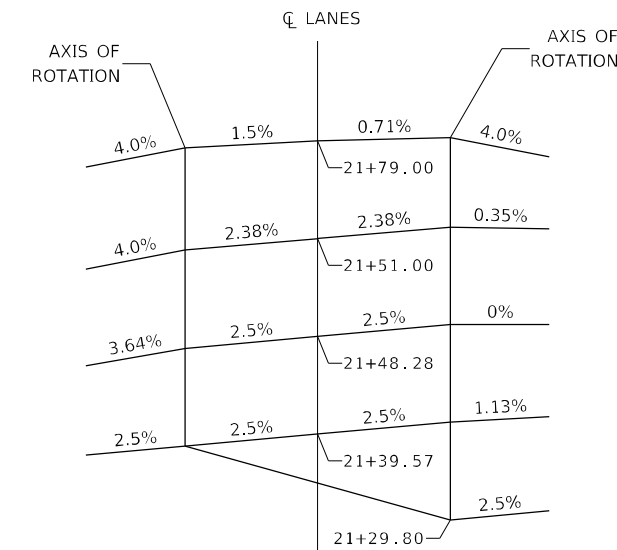
SUPERELEVATION TRANSITION ON 470 E ST



**CROSS SECTIONS
SUPERELEVATION DEVELOPMENT
FOR 470 E ST**

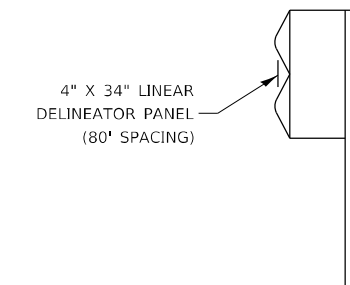


**SN 006-0191
NORTH APPROACH**



**SN 006-0191
SOUTH APPROACH**

SHOULDER TRANSITION TO BRIDGE APPROACH



**LINEAR DELINEATION PANEL
ON GUARDRAIL DETAIL**

PROJECT NO.: SPR06F000021010
PROD. CONTACT: #SPR06F000021010
FILE NAME: 060607-1702-Super.dgn
PEN TABLE: #PEN_TABLE\$



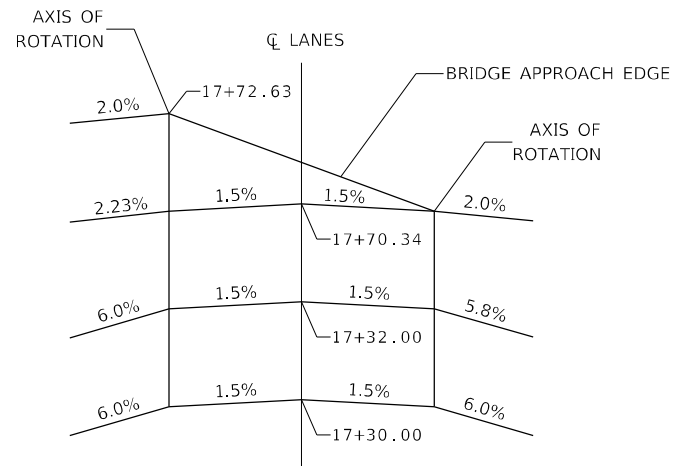
USER NAME = amonocchlo	DESIGNED -	REVISED -
PLOT SCALE = 100,0000' / in.	DRAWN -	REVISED -
PLOT DATE = 2/14/2022	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

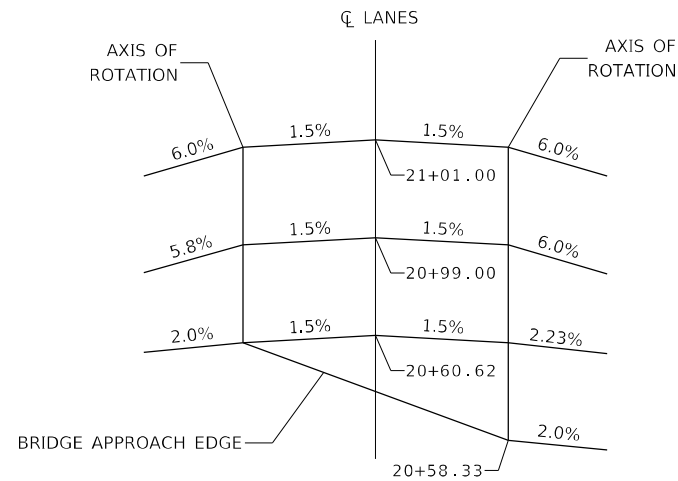
ROADWAY DETAILS

SCALE: NTS SHEET 1 OF 2 SHEETS

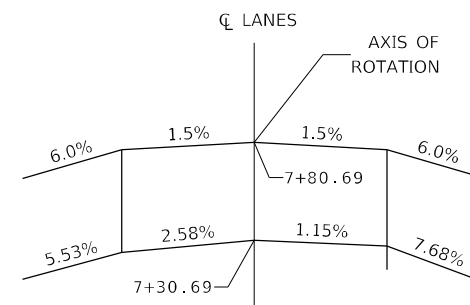
F.A.J. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(06-1HB-2 & 06-2HB)BR	BUREAU	202	72
CONTRACT NO. 66K73			ILLINOIS FED. AID PROJECT	



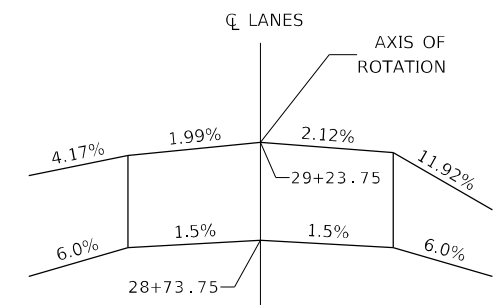
SN 006-0190
NORTH APPROACH



SN 006-0190
SOUTH APPROACH



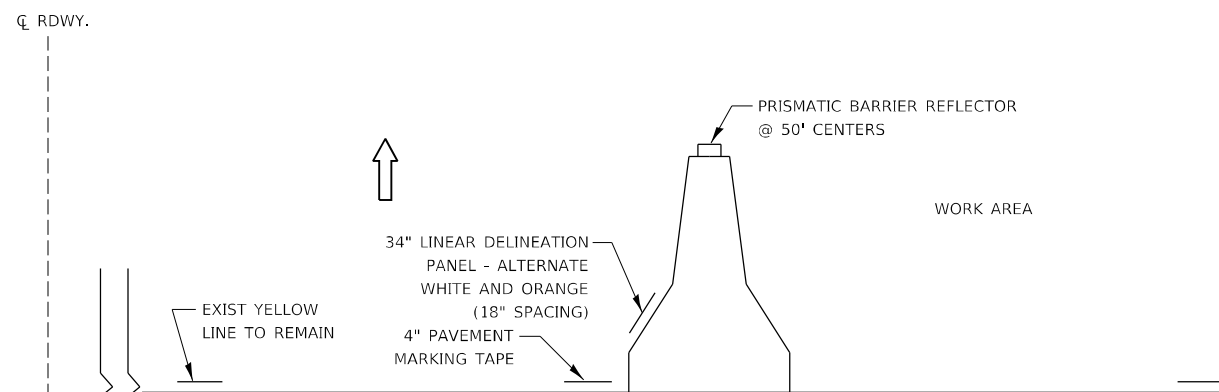
TRANSITIONS AT POB



TRANSITIONS AT POE

645 E ST TRANSITIONS TO EXISTING GRADES

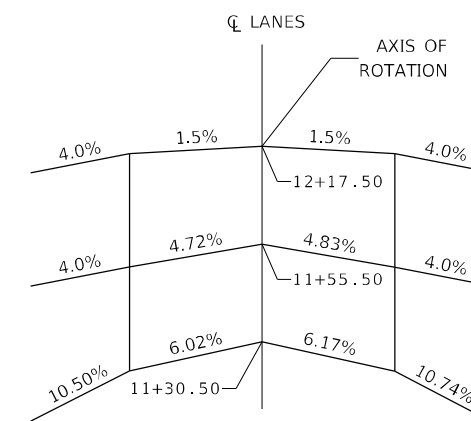
SHOULDER TRANSITION TO BRIDGE APPROACH



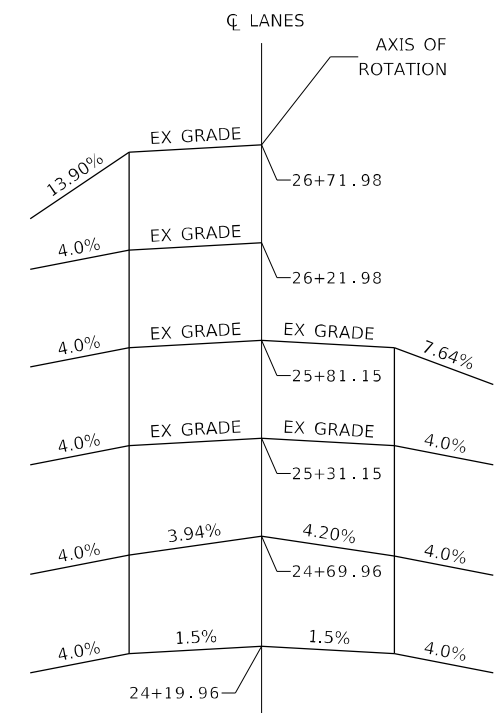
NOTES:

1. THE COLOR OF THE REFLECTORS AND THE LINEAR DELINEATION PANELS WILL VARY WITH STAGING AND SHALL MATCH THE EXISTING LINE IN THE WORK AREA.
2. THE COST OF THE REFLECTORS AND THE LINEAR DELINEATION PANELS IS INCLUDED IN THE COST OF THE TEMPORARY CONCRETE BARRIER.

TRAFFIC CONTROL DETAIL
FOR TEMPORARY CONCRETE BARRIER



TRANSITIONS AT POB



TRANSITIONS AT POE

470 E ST TRANSITIONS TO EXISTING GRADES

PROJECT NO.: SPRINGFIELD/ST0108
 PROD. CONTACT: #SPRINGFIELD/ST0108
 FILE NAME: 066K73_1702-Suber.dgn
 PEN TABLE: #PEN_TABLE\$



USER NAME = amonocchlo	DESIGNED -	REVISED -
PLOT SCALE = 100,0000' / in.	DRAWN -	REVISED -
PLOT DATE = 2/14/2022	CHECKED -	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROADWAY DETAILS

SCALE: NTS SHEET 2 OF 2 SHEETS

F.A.J. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(06-1HB-2 & 06-2HB)BR	BUREAU	202	73
CONTRACT NO. 66K73			ILLINOIS FED. AID PROJECT	

Benchmark:
 Cross cut in north end of concrete bridge wall at northeast quadrant of 645 E. Street (TR 82-C) bridge over I-80, at station 17+98, 17.3' left. Elevation: 700.324 (NAVD 88)

Existing Structure:
 S.N. 006-0117 was originally built in 1963. The existing structure is 4 spans measuring 220'-0" Bk to Bk abutments, 31'-8" out to out deck with a 4°31'00" left forward skew concrete deck on steel beams with concrete hammerhead piers and concrete stub abutments. Traffic will be detoured during construction.

Salvage: None

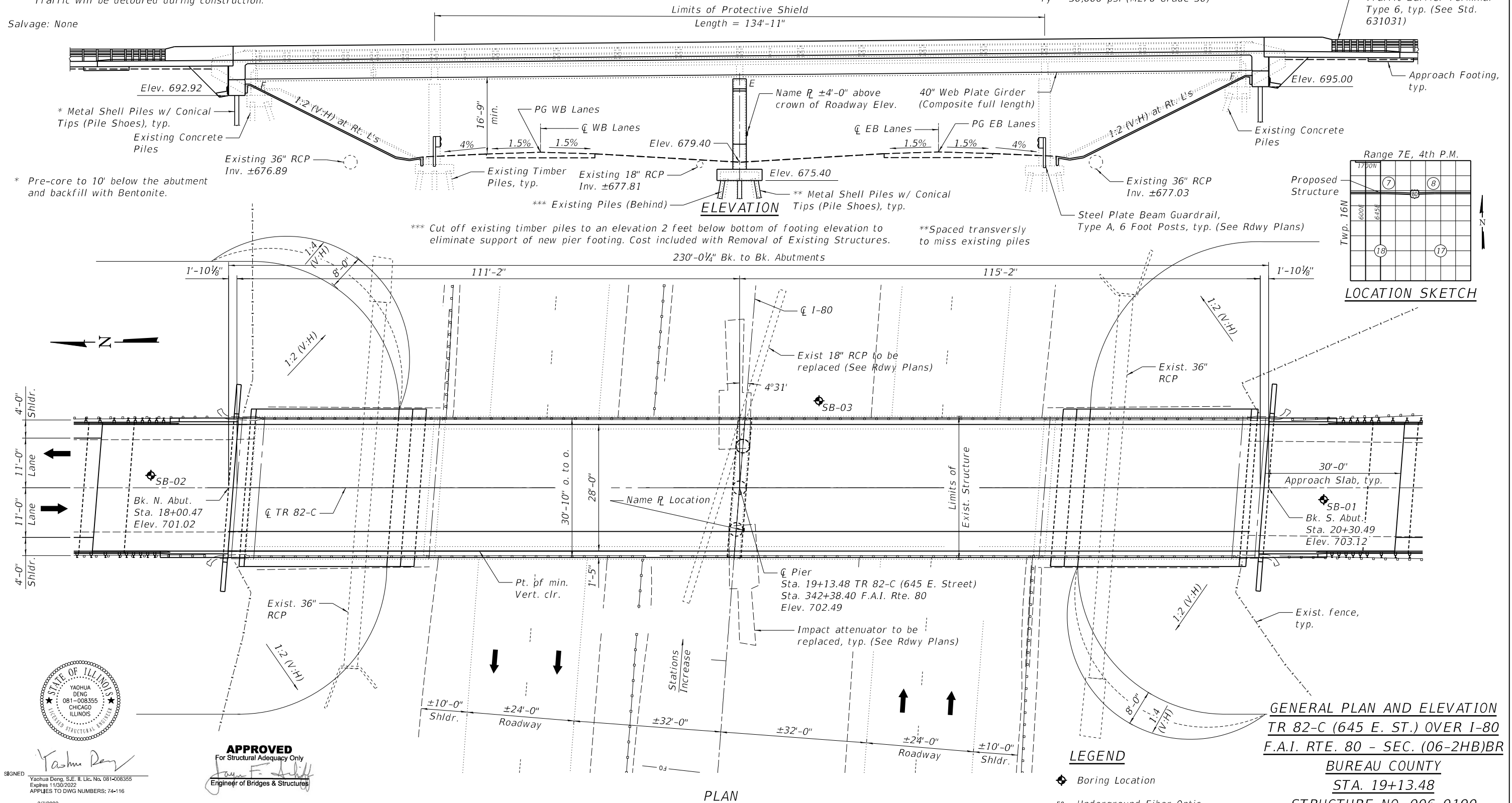
DESIGN SPECIFICATIONS
 2020 AASHTO LRFD Bridge Design Specifications, 9th Edition

LOADING HL-93
 Allow 50#/sq. ft. for future wearing surface.

SEISMIC DATA
 Seismic Performance Zone (SPZ) = 1
 Design Spectral Acceleration at 1.0 sec. (SD1) = 0.061
 Design Spectral Acceleration at 0.2 sec. (SDS) = 0.117
 Soil Site Class = C

DESIGN STRESSES

FIELD UNITS
 f'c = 4,000 psi (Superstructure)
 f'c = 3,500 psi (Substructure)
 fy = 60,000 psi (Reinforcement)
 fy = 50,000 psi (M270 Grade 50)



MODEL: Default
 FILE NAME: X:\Projects\2021\12182127700 IDOT PTB 199-22 D3WIO#264102 Discipline Files\02 Bridge - 190102 Pre-Final\Sheets\0060190-66K73-TSL-001.dgn
 Yachua Deng, S.E. II, Lic. No. 081-008355
 Expires 11/30/2022
 APPLIES TO DWG NUMBERS: 74-116
 DATE: 3/7/2022

STATE OF ILLINOIS
 YACHUA DENG
 081-008355
 CHICAGO
 ILLINOIS
 LICENSED STRUCTURAL ENGINEER

SIGNED: *Yachua Deng*
 Yachua Deng, S.E. II, Lic. No. 081-008355
 Expires 11/30/2022
 APPLIES TO DWG NUMBERS: 74-116
 DATE: 3/7/2022

APPROVED
 For Structural Adequacy Only
John F. Smith
 Engineer of Bridges & Structures

USER NAME =	DESIGNED - YD	REVISED -
CHECKED - DBH	REVISED -	
PLOT SCALE =	DRAWN - JLM	REVISED -
PLOT DATE = 3/7/2022	CHECKED - SJR	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SHEET S-1 OF S-22 SHEETS

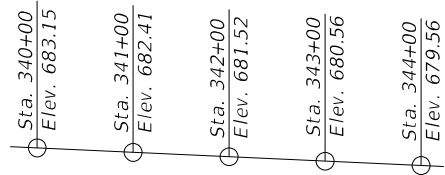
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(06-2HB)BR	BUREAU	202	74
CONTRACT NO. 66K73				
ILLINOIS FED. AID PROJECT				

INDEX OF SHEETS

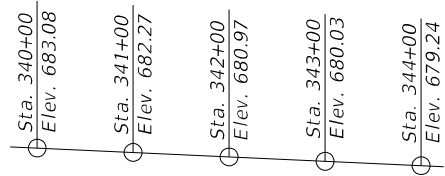
- S-1 GENERAL PLAN AND ELEVATION
- S-2 GENERAL DATA
- S-3 TOP OF SLAB ELEVATIONS - 1
- S-4 TOP OF SLAB ELEVATIONS - 2
- S-5 TOP OF APPROACH SLAB ELEVATIONS
- S-6 SUPERSTRUCTURE
- S-7 SUPERSTRUCTURE DETAILS
- S-8 DIAPHRAGM DETAILS
- S-9 CONCRETE PARAPET SLIPFORMING OPTION
- S-10 BRIDGE APPROACH SLAB DETAILS - 1
- S-11 BRIDGE APPROACH SLAB DETAILS - 2
- S-12 FRAMING PLAN, ELEVATION AND STEEL DETAILS
- S-13 STEEL DETAILS
- S-14 BEARING DETAILS
- S-15 SOUTH ABUTMENT DETAILS
- S-16 NORTH ABUTMENT DETAILS
- S-17 PIER DETAILS - 1
- S-18 PIER DETAILS - 2
- S-19 METAL SHELL PILE DETAILS
- S-20 SOIL BORING LOGS - 1
- S-21 SOIL BORING LOGS - 2
- S-22 SOIL BORING LOGS - 3

STATION 19+13.48
BUILT 20__ BY
STATE OF ILLINOIS
F.A.I. RT. 80 SEC. (06-2HB)BR
LOADING HL-93
STRUCTURE NO. 006-0190

NAME PLATE
See Std. 515001



I-80 EB PROFILE GRADE
(Along \bar{C} Roadway)



I-80 WB PROFILE GRADE
(Along \bar{C} Roadway)

EXISTING CURVE DATA (I-80)

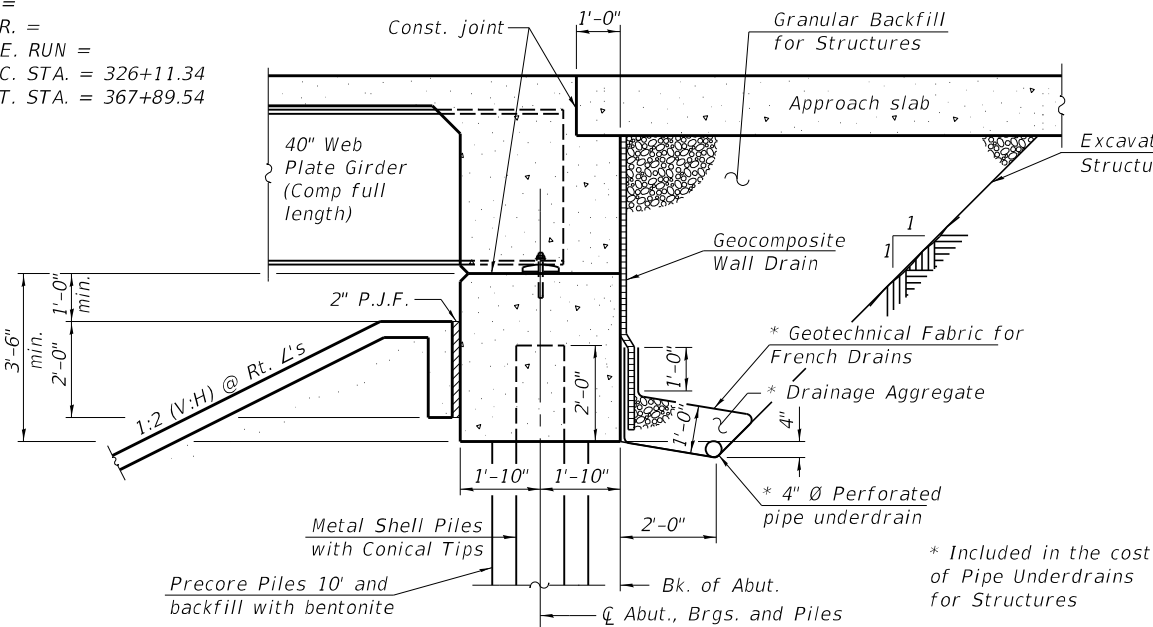
EXIST. CURVE EXCL I-80 10
 PI STA. = 347+18.00
 $\Delta = 18^\circ 06' 20''$ (RT)
 $D = 0^\circ 26' 00''$
 $R = 13,222.10'$
 $T = 2,106.66'$
 $L = 4,178.20'$
 $E = 166.77'$
 $e =$
 $T.R. =$
 $S.E. RUN =$
 $P.C. STA. = 326+11.34$
 $P.T. STA. = 367+89.54$

TOTAL BILL OF MATERIAL

ITEM	UNIT	SUPER	SUB	TOTAL
Removal of Existing Structures No. 1	Each	1	-	1
Protective Shield	Sq. Yd.	475	-	475
Structure Excavation	Cu. Yd.	-	319	319
Concrete Structures	Cu. Yd.	-	141.3	141.3
Concrete Superstructure	Cu. Yd.	280.2	-	280.2
Bridge Deck Grooving	Sq. Yd.	897	-	897
Protective Coat	Sq. Yd.	1,165	-	1,165
Concrete Superstructure (Approach Slab)	Cu. Yd.	83.8	-	83.8
Furnishing and Erecting Structural Steel	L. Sum	0.50	-	0.50
Stud Shear Connectors	Each	2,688	-	2,688
Reinforcement Bars, Epoxy Coated	Pound	96,951	21,024	117,975
Slope Wall 4 Inch	Sq. Yd.	-	352	352
Furnishing Metal Shell Piles 16" x 0.312"	Foot	-	1,023	1,023
Driving Piles	Foot	-	1,023	1,023
Test Pile Metal Shells	Each	-	3	3
Pile Shoes	Each	-	27	27
Name Plates	Each	1	-	1
Elastomeric Bearing Assembly, Type I	Each	-	6	6
Anchor Bolts, 1"	Each	-	36	36
Granular Backfill For Structures	Cu. Yd.	-	124.4	124.4
Geocomposite Wall Drain	Sq. Yd.	-	46.1	46.1
Pipe Underdrains For Structures 4"	Foot	-	137.8	137.8

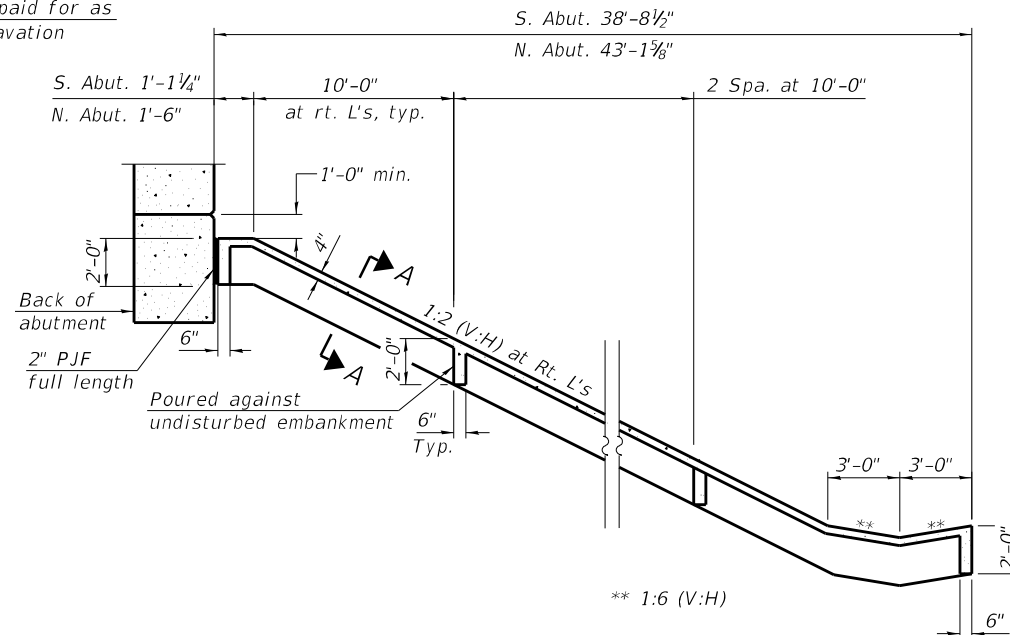
GENERAL NOTES

1. Fasteners shall be ASTM F 3125 Grade A325 Type 1, mechanically galvanized bolts. Bolts 7/8 in. \varnothing , holes 15/16 in. \varnothing , unless otherwise noted.
2. Calculated weight of Structural Steel = 302,710 lbs. (AASHTO M270, GRADE 50)
18,160 lbs. (AASHTO M270, GRADE 36)
3. No field welding is permitted except as specified in the contract documents.
4. Reinforcement bars designated (E) shall be epoxy coated.
5. Bearing seat surfaces shall be constructed or adjusted to the designated elevations within a tolerance of 1/8 in. (0.01 ft.). Adjustment shall be made either by grinding the surface or by shimming the bearings.
6. The existing structural steel coating contains lead. The Contractor shall take appropriate precautions to deal with the presence of lead on this project.
7. The Inorganic Zinc Rich Primer / Acrylic / Acrylic Paint System shall be used for shop and field painting of new structural steel except where otherwise noted. The color of the final finish coat for all interior steel surfaces shall be gray, Munsell No. 5B 7/1. The color of the final finish coat for the exterior and bottom flange of the fascia beams shall be Interstate Green, Munsell No. 7.5G 4/8.
8. New piles can be moved up to 8 inches to avoid contact with the existing piles when/if a conflict occurs in the field and not change the design. If new pier piles cannot be moved to avoid conflict with existing piles, existing pier piles shall be removed. If an existing pier pile will be removed per the Engineer, the cost of removal will be paid for according to Article 109.04 of the Standard Specifications.
9. Existing pier footing to be removed as necessary for placement of proposed guardrail posts.

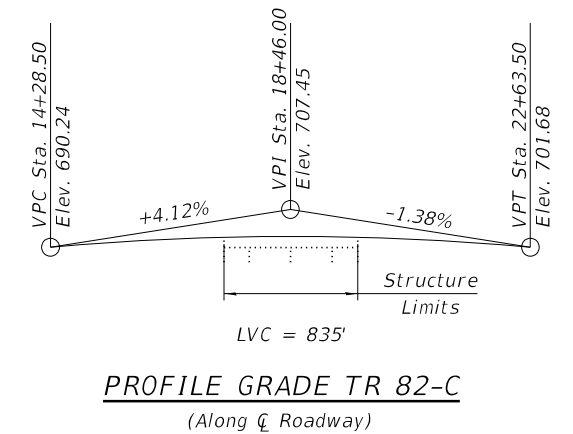


SECTION THRU INTEGRAL ABUTMENT
(Horiz. dim. @ Rt. L's)

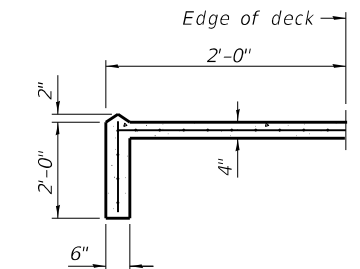
Notes:
 All drainage system components shall extend to 2'-0" from the end of each wingwall except an outlet pile shall extend until intersecting with the side slopes. The pipes shall drain into concrete headwalls. (See Article 601.05 of the standard Specifications and highway Standard 601101)
 Slope Wall shall be reinforced with galvanized welded wire fabric, 6 in. x 6 in. - W4.0 x W4.0, weighting 58 lbs. per 100 sq. ft.



SECTION THRU CONCRETE SLOPEWALL



PROFILE GRADE TR 82-C
(Along \bar{C} Roadway)



SECTION A-A

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**GENERAL DATA
STRUCTURE NO. 006-0190**

SHEET S-2 OF S-22 SHEETS

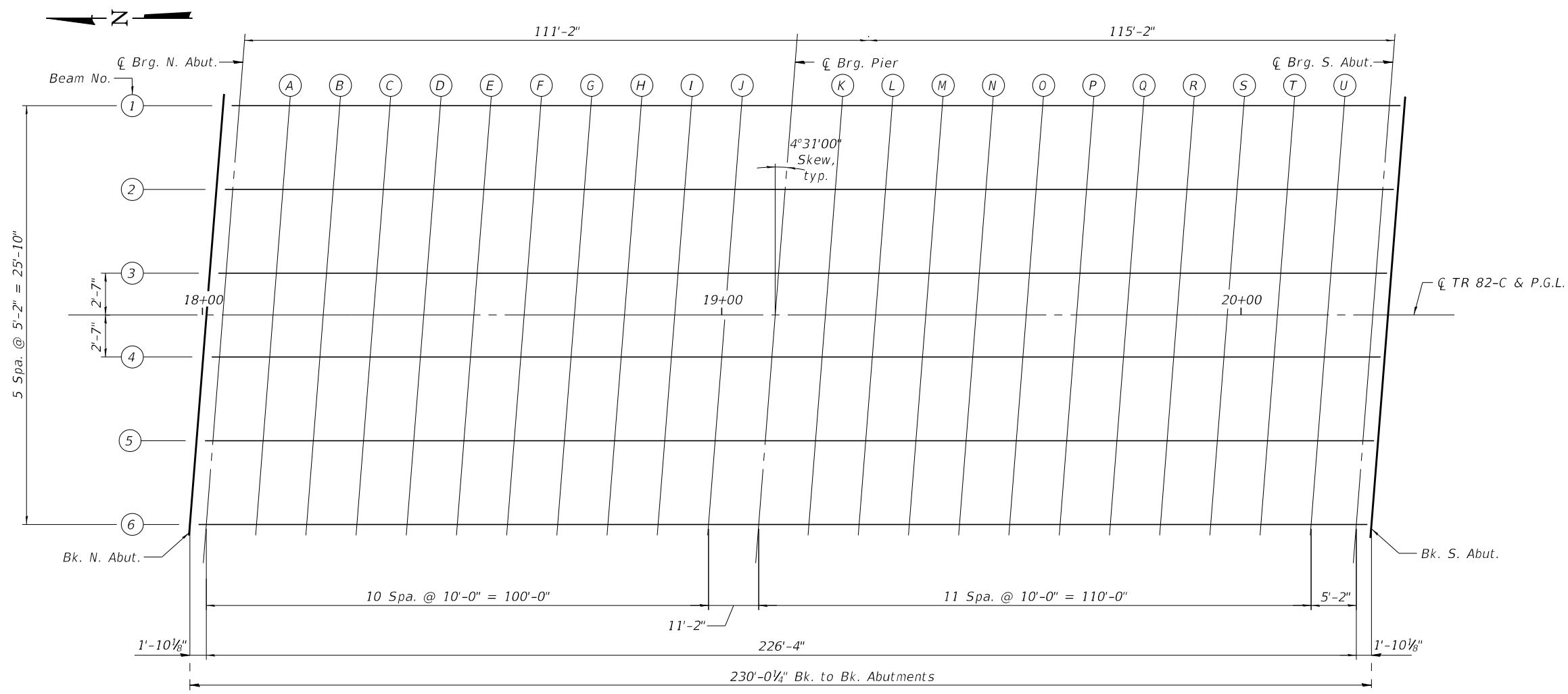
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(06-2HB)BR	BUREAU	202	75
CONTRACT NO. 66K73				
ILLINOIS FED. AID PROJECT				

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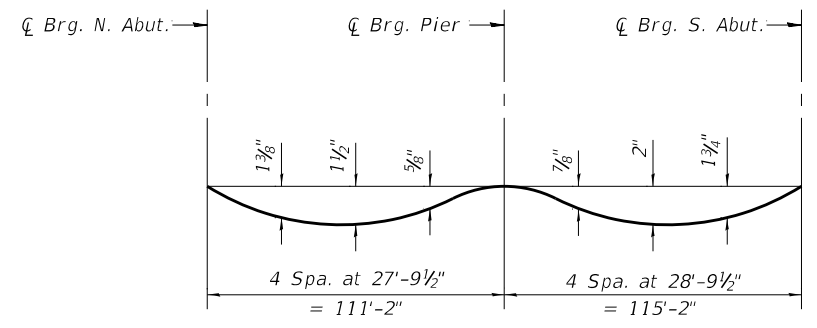


USER NAME =	DESIGNED - YD	REVISED -
PLOT SCALE =	CHECKED - DBH	REVISED -
PLOT DATE = 3/7/2022	DRAWN - JLM	REVISED -
	CHECKED - YD	REVISED -

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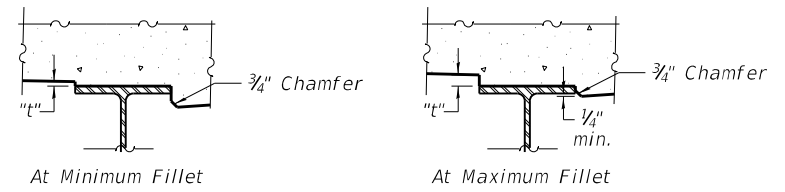


PLAN



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 Sheet S-4 of S-22.



To determine "t": After all structural steel has been erected, elevations of the top flanges of the beams shall be taken at intervals shown above. These elevations subtracted from the "Theoretical Grade Elevations Adjusted for Dead Load Deflection" shown on sheet S-4 of S-22, minus 8" slab thickness, equals the fillet heights "t" above top flange of beams.

FILLET HEIGHTS



USER NAME =	DESIGNED - SJR	REVISED -
PLOT SCALE =	CHECKED - YD	REVISED -
PLOT DATE = 3/7/2022	DRAWN - JLM	REVISED -
	CHECKED - SJR	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TOP OF SLAB ELEVATIONS - 1
STRUCTURE NO. 006-0190

SHEET S-3 OF S-22 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(06-2HB)BR	BUREAU	202	76
CONTRACT NO. 66K73				
ILLINOIS FED. AID PROJECT				

GIRDER 1

Location	Station	Offset from P.G.L.	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflections
Bk. N. Abut.	18+01.49	-12.92	700.83	700.83
☉ Brg. N. Abut.	18+03.33	-12.92	700.86	700.86
A	18+13.33	-12.92	701.03	701.08
B	18+23.33	-12.92	701.18	701.28
C	18+33.33	-12.92	701.33	701.46
D	18+43.33	-12.92	701.47	701.61
E	18+53.33	-12.92	701.61	701.75
F	18+63.33	-12.92	701.74	701.86
G	18+73.33	-12.92	701.86	701.96
H	18+83.33	-12.92	701.98	702.04
I	18+93.33	-12.92	702.09	702.12
J	19+03.33	-12.92	702.19	702.20
☉ Brg. Pier	19+14.50	-12.92	702.30	702.30
K	19+24.50	-12.92	702.38	702.40
L	19+34.50	-12.92	702.47	702.51
M	19+44.50	-12.92	702.54	702.63
N	19+54.50	-12.92	702.61	702.74
O	19+64.50	-12.92	702.67	702.83
P	19+74.50	-12.92	702.73	702.91
Q	19+84.50	-12.92	702.78	702.96
R	19+94.50	-12.92	702.82	702.99
S	20+04.50	-12.92	702.86	703.00
T	20+14.50	-12.92	702.89	702.98
U	20+24.50	-12.92	702.91	702.94
☉ Brg. S. Abut.	20+29.67	-12.92	702.92	702.92
Bk. S. Abut.	20+31.51	-12.92	702.92	702.92

GIRDER 2

Location	Station	Offset from P.G.L.	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflections
Bk. N. Abut.	18+01.08	-7.75	700.91	700.91
☉ Brg. N. Abut.	18+02.92	-7.75	700.94	700.94
A	18+12.92	-7.75	701.11	701.15
B	18+22.92	-7.75	701.26	701.35
C	18+32.92	-7.75	701.41	701.53
D	18+42.92	-7.75	701.55	701.69
E	18+52.92	-7.75	701.69	701.82
F	18+62.92	-7.75	701.82	701.94
G	18+72.92	-7.75	701.94	702.04
H	18+82.92	-7.75	702.06	702.12
I	18+92.92	-7.75	702.17	702.20
J	19+02.92	-7.75	702.27	702.28
☉ Brg. Pier	19+14.09	-7.75	702.38	702.38
K	19+24.09	-7.75	702.47	702.48
L	19+34.09	-7.75	702.55	702.59
M	19+44.09	-7.75	702.63	702.71
N	19+54.09	-7.75	702.70	702.81
O	19+64.09	-7.75	702.76	702.91
P	19+74.09	-7.75	702.81	702.98
Q	19+84.09	-7.75	702.86	703.04
R	19+94.09	-7.75	702.91	703.07
S	20+04.09	-7.75	702.94	703.07
T	20+14.09	-7.75	702.97	703.06
U	20+24.09	-7.75	703.00	703.03
☉ Brg. S. Abut.	20+29.26	-7.75	703.01	703.01
Bk. S. Abut.	20+31.10	-7.75	703.01	703.01

GIRDER 3

Location	Station	Offset from P.G.L.	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflections
Bk. N. Abut.	18+00.67	-2.58	700.98	700.98
☉ Brg. N. Abut.	18+02.51	-2.58	701.01	701.01
A	18+12.51	-2.58	701.18	701.22
B	18+22.51	-2.58	701.33	701.42
C	18+32.51	-2.58	701.48	701.60
D	18+42.51	-2.58	701.63	701.76
E	18+52.51	-2.58	701.76	701.90
F	18+62.51	-2.58	701.89	702.01
G	18+72.51	-2.58	702.01	702.11
H	18+82.51	-2.58	702.13	702.19
I	18+92.51	-2.58	702.24	702.27
J	19+02.51	-2.58	702.34	702.35
☉ Brg. Pier	19+13.68	-2.58	702.45	702.45
K	19+23.68	-2.58	702.54	702.56
L	19+33.68	-2.58	702.62	702.67
M	19+43.68	-2.58	702.70	702.78
N	19+53.68	-2.58	702.77	702.89
O	19+63.68	-2.58	702.83	702.98
P	19+73.68	-2.58	702.89	703.06
Q	19+83.68	-2.58	702.94	703.11
R	19+93.68	-2.58	702.98	703.14
S	20+03.68	-2.58	703.02	703.15
T	20+13.68	-2.58	703.05	703.13
U	20+23.68	-2.58	703.07	703.10
☉ Brg. S. Abut.	20+28.86	-2.58	703.08	703.08
Bk. S. Abut.	20+30.69	-2.58	703.09	703.09

☉ TR 82-C & P.G.L.

Location	Station	Offset from P.G.L.	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflections
Bk. N. Abut.	18+00.47	0.00	701.02	701.02
☉ Brg. N. Abut.	18+02.31	0.00	701.05	701.05
A	18+12.31	0.00	701.21	701.26
B	18+22.31	0.00	701.37	701.46
C	18+32.31	0.00	701.52	701.64
D	18+42.31	0.00	701.66	701.79
E	18+52.31	0.00	701.80	701.93
F	18+62.31	0.00	701.93	702.05
G	18+72.31	0.00	702.05	702.15
H	18+82.31	0.00	702.17	702.23
I	18+92.31	0.00	702.28	702.31
J	19+02.31	0.00	702.38	702.39
☉ Brg. Pier	19+13.48	0.00	702.49	702.49
K	19+23.48	0.00	702.58	702.59
L	19+33.48	0.00	702.66	702.71
M	19+43.48	0.00	702.71	702.82
N	19+53.48	0.00	702.81	702.93
O	19+63.48	0.00	702.87	703.02
P	19+73.48	0.00	702.93	703.10
Q	19+83.48	0.00	702.98	703.15
R	19+93.48	0.00	703.02	703.18
S	20+03.48	0.00	703.06	703.19
T	20+13.48	0.00	703.09	703.17
U	20+23.48	0.00	703.11	703.14
☉ Brg. S. Abut.	20+28.65	0.00	703.12	703.12
Bk. S. Abut.	20+30.49	0.00	703.12	703.12

GIRDER 4

Location	Station	Offset from P.G.L.	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflections
Bk. N. Abut.	18+00.27	2.58	700.98	700.98
☉ Brg. N. Abut.	18+02.10	2.58	701.01	701.01
A	18+12.10	2.58	701.17	701.22
B	18+22.10	2.58	701.33	701.42
C	18+32.10	2.58	701.48	701.60
D	18+42.10	2.58	701.62	701.75
E	18+52.10	2.58	701.76	701.89
F	18+62.10	2.58	701.89	702.01
G	18+72.10	2.58	702.01	702.10
H	18+82.10	2.58	702.13	702.19
I	18+92.10	2.58	702.24	702.27
J	19+02.10	2.58	702.31	702.35
☉ Brg. Pier	19+13.27	2.58	702.45	702.45
K	19+23.27	2.58	702.54	702.55
L	19+33.27	2.58	702.62	702.67
M	19+43.27	2.58	702.70	702.78
N	19+53.27	2.58	702.77	702.89
O	19+63.27	2.58	702.83	702.98
P	19+73.27	2.58	702.89	703.06
Q	19+83.27	2.58	702.94	703.11
R	19+93.27	2.58	702.98	703.14
S	20+03.27	2.58	703.02	703.15
T	20+13.27	2.58	703.05	703.13
U	20+23.27	2.58	703.07	703.10
☉ Brg. S. Abut.	20+28.45	2.58	703.08	703.08
Bk. S. Abut.	20+30.29	2.58	703.09	703.09

GIRDER 5

Location	Station	Offset from P.G.L.	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflections
Bk. N. Abut.	17+99.86	7.75	700.89	700.89
☉ Brg. N. Abut.	18+01.70	7.75	700.92	700.92
A	18+11.70	7.75	701.09	701.13
B	18+21.70	7.75	701.24	701.33
C	18+31.70	7.75	701.39	701.51
D	18+41.70	7.75	701.54	701.67
E	18+51.70	7.75	701.67	701.81
F	18+61.70	7.75	701.80	701.92
G	18+71.70	7.75	701.93	702.02
H	18+81.70	7.75	702.04	702.11
I	18+91.70	7.75	702.15	702.19
J	19+01.70	7.75	702.26	702.27
☉ Brg. Pier	19+12.86	7.75	702.37	702.37
K	19+22.86	7.75	702.46	702.47
L	19+32.86	7.75	702.54	702.58
M	19+42.86	7.75	702.62	702.70
N	19+52.86	7.75	702.69	702.81
O	19+62.86	7.75	702.75	702.90
P	19+72.86	7.75	702.81	702.98
Q	19+82.86	7.75	702.86	703.03
R	19+92.86	7.75	702.90	703.06
S	20+02.86	7.75	702.94	703.07
T	20+12.86	7.75	702.97	703.06
U	20+22.86	7.75	702.99	703.02
☉ Brg. S. Abut.	20+28.04	7.75	703.00	703.00
Bk. S. Abut.	20+29.88	7.75	703.01	703.01

GIRDER 6

Location	Station	Offset from P.G.L.	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflections
Bk. N. Abut.	17+99.45	12.92	700.80	700.80
☉ Brg. N. Abut.	18+01.29	12.92	700.83	700.83
A	18+11.29	12.92	700.99	701.04
B	18+21.29	12.92	701.15	701.24
C	18+31.29	12.92	701.30	701.43
D	18+41.29	12.92	701.44	701.59
E	18+51.29	12.92	701.58	701.72
F	18+61.29	12.92	701.71	701.84
G	18+71.29	12.92	701.84	701.94
H	18+81.29	12.92	701.95	702.02
I	18+91.29	12.92	702.06	702.10
J	19+01.29	12.92	702.17	702.18
☉ Brg. Pier	19+12.46	12.92	702.28	702.28
K	19+22.46	12.92	702.37	702.38
L	19+32.46	12.92	702.45	702.50
M	19+42.46	12.92	702.53	702.61
N	19+52.46	12.92	702.60	702.72
O	19+62.46	12.92	702.66	702.82
P	19+72.46	12.92	702.72	702.90
Q	19+82.46	12.92	702.77	702.95
R	19+92.46	12.92	702.81	702.98
S	20+02.46	12.92	702.85	702.99
T	20+12.46	12.92	702.88	702.97
U	20+22.46	12.92	702.91	702.94
☉ Brg. S. Abut.	20+27.63	12.92	702.92	702.92
Bk. S. Abut.	20+29.47	12.92	702.92	702.92

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USER NAME = _____
 DESIGNED - SJR
 CHECKED - YD
 PLOT SCALE = _____
 DRAWN - JLM
 PLOT DATE = 3/7/2022
 CHECKED - SJR
 REVISED - _____

DESIGNED - SJR
 CHECKED - YD
 DRAWN - JLM
 CHECKED - SJR
 REVISED - _____

REVISED - _____
 REVISED - _____
 REVISED - _____
 REVISED - _____

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**TOP OF SLAB ELEVATIONS - 2
 STRUCTURE NO. 006-0190**

SHEET S-4 OF S-22 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(06-2HB)BR	BUREAU	202	77
CONTRACT NO. 66K73				
ILLINOIS FED. AID PROJECT				

EDGE OF EAST SHOULDER

Location	Station	Offset from P.G.L.	Theoretical Grade Elevations
N. End of North Appr. Slab	17+71.58	-14.000	700.28
N1	17+81.58	-14.000	700.47
N2	17+91.58	-14.000	700.64
S. End of North Appr. Slab	18+01.58	-14.000	700.81
N. End of South Appr. Slab	20+31.60	-14.000	702.90
S1	20+41.60	-14.000	702.91
S2	20+51.60	-14.000	702.92
S. End of South Appr. Slab	20+61.60	-14.000	702.92

EAST EDGE OF PAVEMENT

Location	Station	Offset from P.G.L.	Theoretical Grade Elevations
N. End of North Appr. Slab	17+71.34	-11.000	700.34
N1	17+81.34	-11.000	700.52
N2	17+91.34	-11.000	700.70
S. End of North Appr. Slab	18+01.34	-11.000	700.87
N. End of South Appr. Slab	20+31.36	-11.000	702.96
S1	20+41.36	-11.000	702.97
S2	20+51.36	-11.000	702.98
S. End of South Appr. Slab	20+61.36	-11.000	702.98

CL TR 82-C & P.G.L.

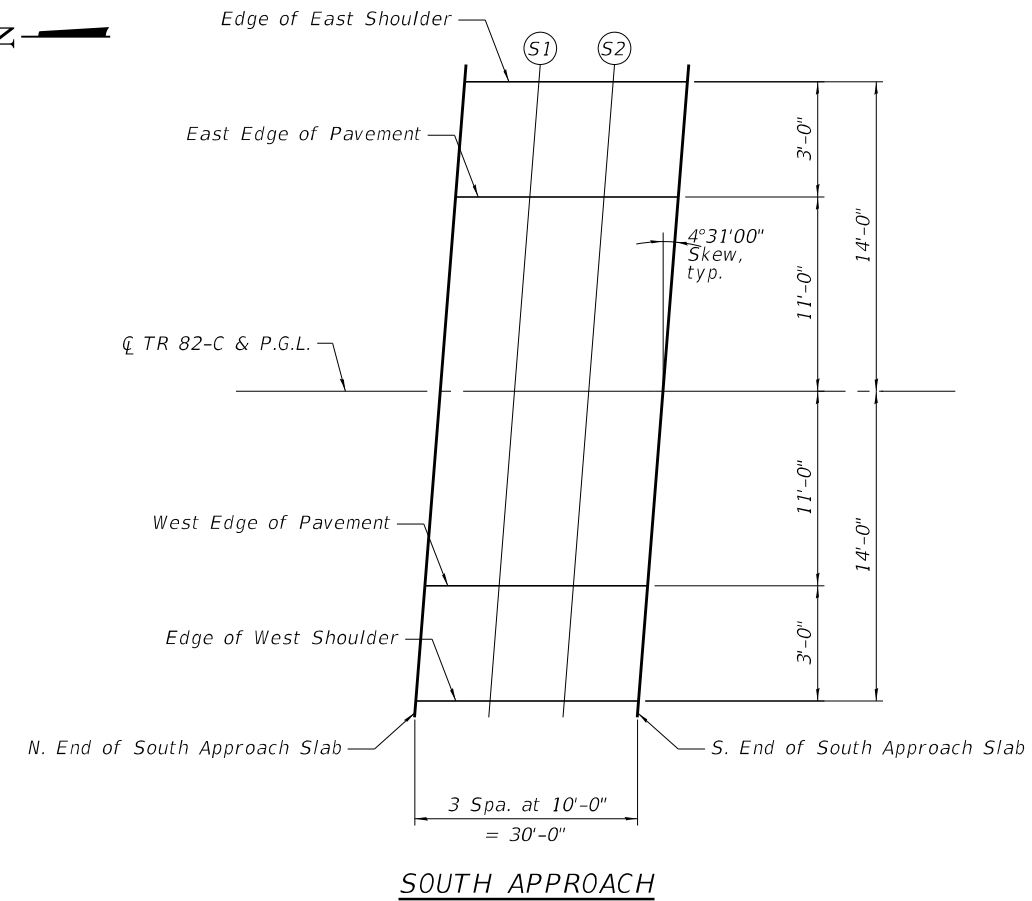
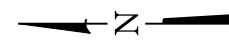
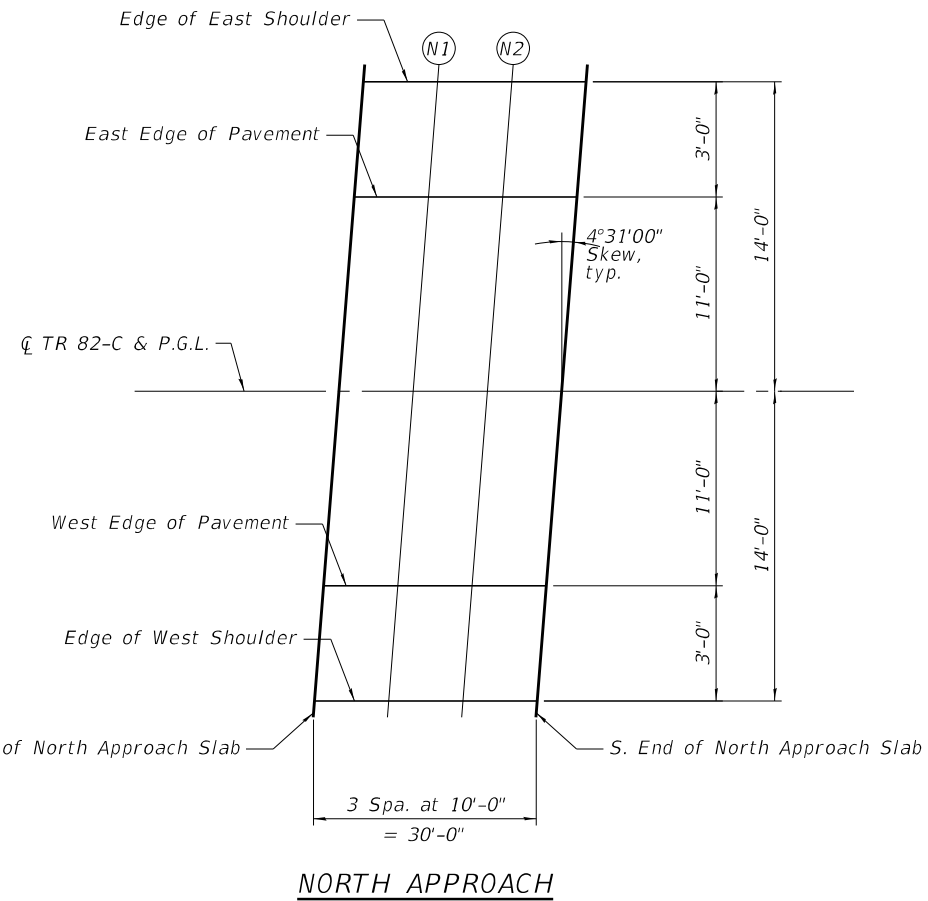
Location	Station	Offset from P.G.L.	Theoretical Grade Elevations
N. End of North Appr. Slab	17+70.47	0.000	700.49
N1	17+80.47	0.000	700.67
N2	17+90.47	0.000	700.85
S. End of North Appr. Slab	18+00.47	0.000	701.02
N. End of South Appr. Slab	20+30.49	0.000	703.12
S1	20+40.49	0.000	703.14
S2	20+50.49	0.000	703.14
S. End of South Appr. Slab	20+60.49	0.000	703.14

WEST EDGE OF PAVEMENT

Location	Station	Offset from P.G.L.	Theoretical Grade Elevations
N. End of North Appr. Slab	17+69.60	11.000	700.31
N1	17+79.60	11.000	700.49
N2	17+89.60	11.000	700.67
S. End of North Appr. Slab	17+99.60	11.000	700.84
N. End of South Appr. Slab	20+29.62	11.000	702.96
S1	20+39.62	11.000	702.97
S2	20+49.62	11.000	702.98
S. End of South Appr. Slab	20+59.62	11.000	702.98

EDGE OF WEST SHOULDER

Location	Station	Offset from P.G.L.	Theoretical Grade Elevations
N. End of North Appr. Slab	17+69.36	14.000	700.24
N1	17+79.36	14.000	700.43
N2	17+89.36	14.000	700.60
S. End of North Appr. Slab	17+99.36	14.000	700.78
N. End of South Appr. Slab	20+29.38	14.000	702.90
S1	20+39.38	14.000	702.91
S2	20+49.38	14.000	702.92
S. End of South Appr. Slab	20+59.38	14.000	702.92



PLAN

MODEL: Default: X:\Projects\2021\21821217700 IDOT PTB 199-22 D3\WO#264102 Discipline Files\02 Bridge - 190\02 Pre-Final\Sheets\0060190-66K73-006_Top App Elev 1.dgn

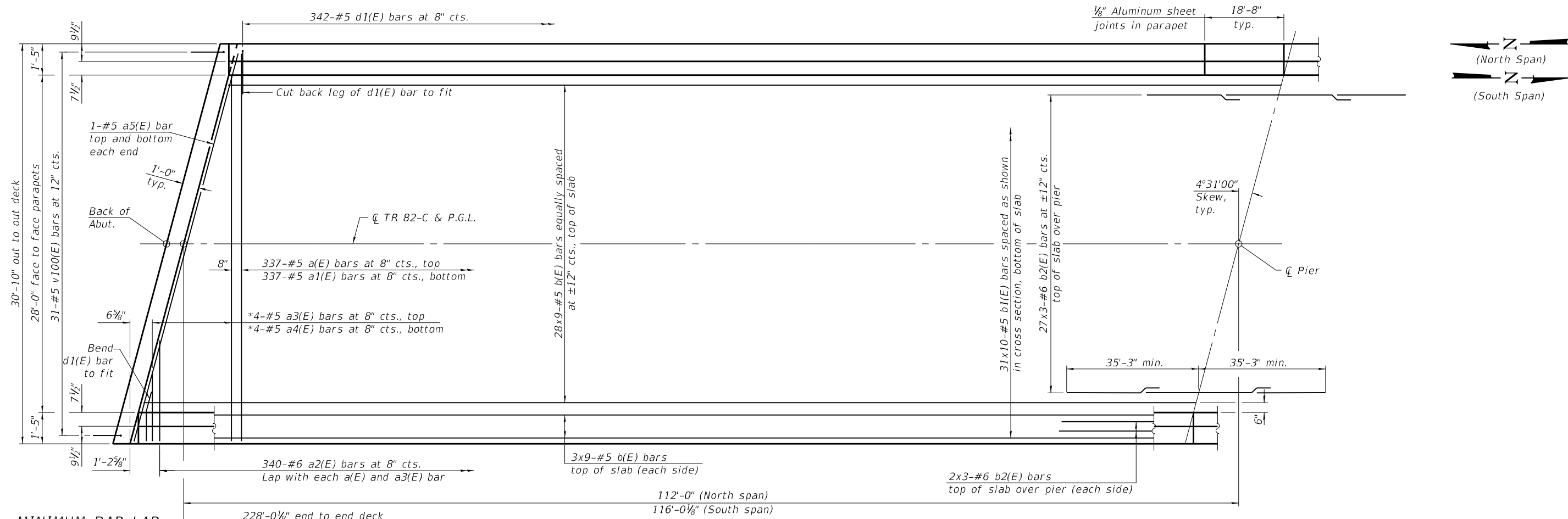


USER NAME =	DESIGNED - SJR	REVISED -
PLOT SCALE =	CHECKED - YD	REVISED -
PLOT DATE = 3/7/2022	DRAWN - JLM	REVISED -
	CHECKED - SJR	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**TOP OF APPROACH SLAB ELEVATIONS
STRUCTURE NO. 006-0190**

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(06-2HB)BR	BUREAU	202	78
CONTRACT NO. 66K73				
SHEET S-5 OF S-22 SHEETS				
ILLINOIS FED. AID PROJECT				

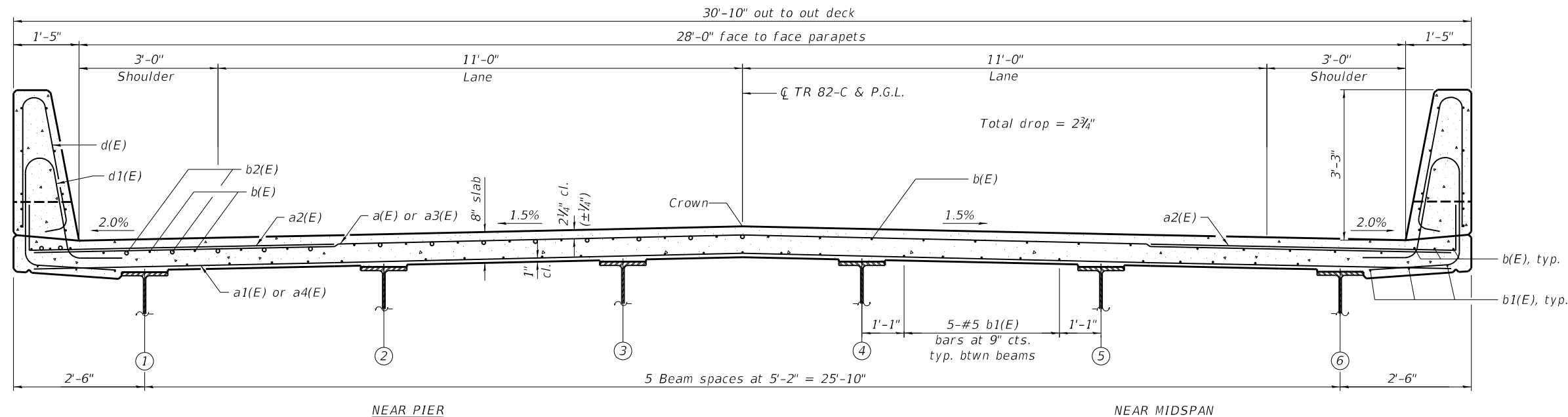


MINIMUM BAR LAP

#5 bar = 3'-6"
 #6 bar = 4'-5"
 * See Field Cutting Diagram on sheet S-7 of S-22.

PARTIAL PLAN

Notes:
 See sheet S-7 of S-22 for superstructure details and Bill of Material.
 Bars indicated thus 20 x 3-#5 etc. indicates 20 lines of bars with 3 lengths per line.



CROSS SECTION
 (Looking Upstation, South)

MODEL: Default
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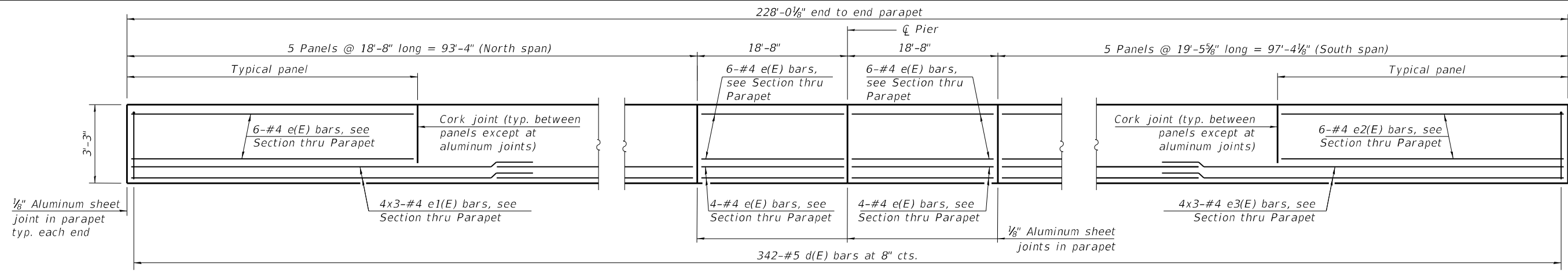
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

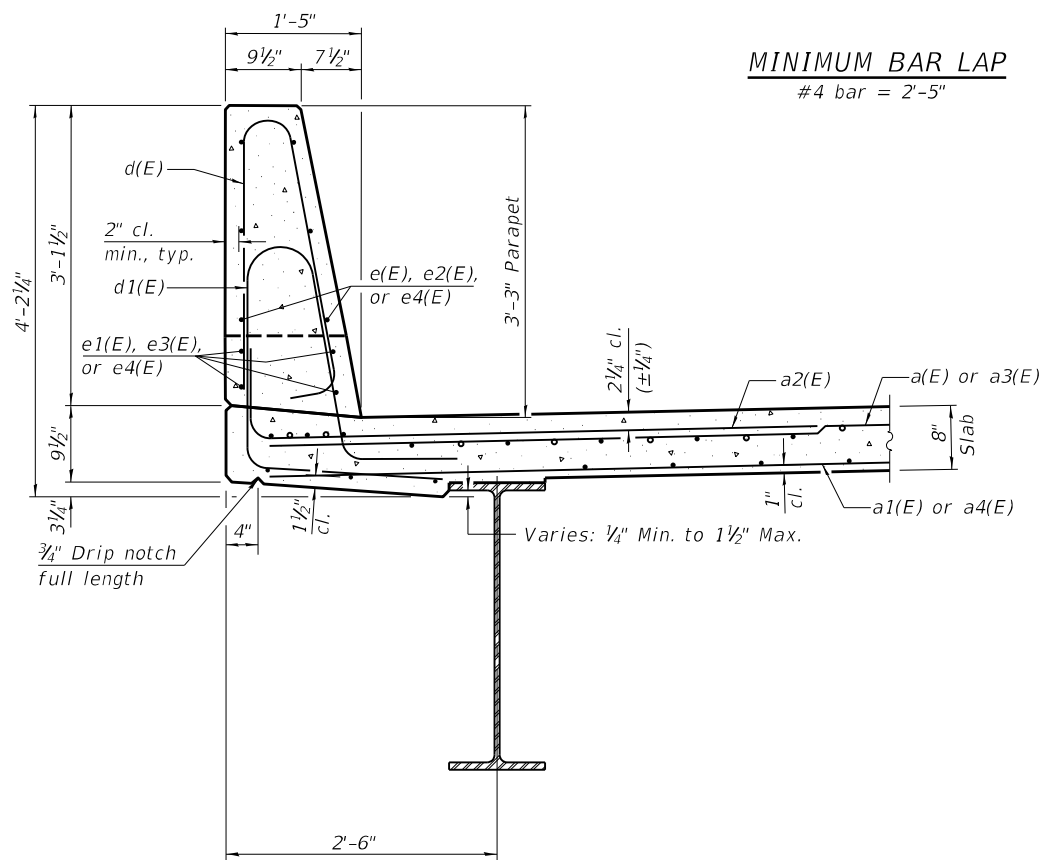
SUPERSTRUCTURE
STRUCTURE NO. 006-0190

SHEET S-6 OF S-22 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(06-2HB)BR	BUREAU	202	79
CONTRACT NO. 66K73				
ILLINOIS FED. AID PROJECT				

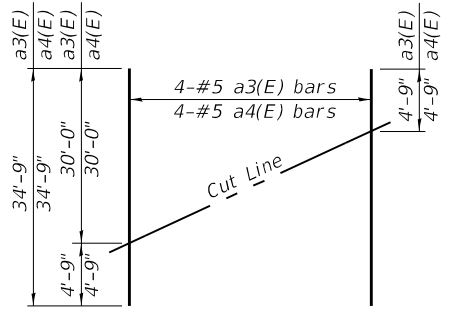


INSIDE ELEVATION OF PARAPET



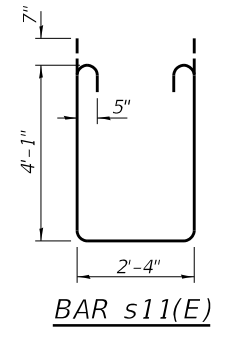
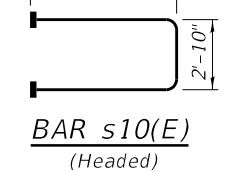
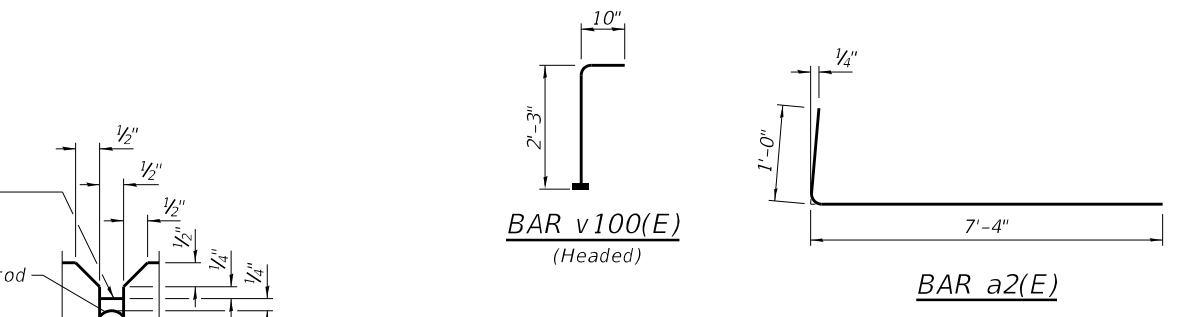
SECTION THRU PARAPET

Notes:
 The 1/8" 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.



FIELD CUTTING DIAGRAM

Order a3(E) and a4(E) bars full length.
 Cut as shown and use remainder of bars in opposite end of deck.



SUPERSTRUCTURE BILL OF MATERIAL

Bar	No.	Size	Length	Shape
a(E)	337	#5	30'-6"	—
a1(E)	337	#5	30'-6"	—
a2(E)	340	#6	8'-4"	—
a3(E)	4	#5	34'-9"	—
a4(E)	4	#5	34'-9"	—
a5(E)	4	#5	30'-6"	—
b(E)	306	#5	28'-5"	—
b1(E)	310	#5	25'-11"	—
b2(E)	93	#6	26'-6"	—
d(E)	684	#5	6'-5"	—
d1(E)	684	#5	7'-7"	—
e(E)	100	#4	18'-4"	—
e1(E)	24	#4	32'-8"	—
e2(E)	60	#4	19'-1"	—
e3(E)	24	#4	34'-0"	—
m10(E)	8	#6	30'-7"	—
m11(E)	30	#6	4'-10"	—
m12(E)	12	#6	2'-1"	—
s10(E)	48	#5	9'-6"	—
s11(E)	48	#5	11'-8"	—
v100(E)	62	#5	3'-1"	—
Reinforcement Bars, Epoxy Coated		Lbs.	62,193	
Concrete Superstructure		Cu. Yds.	272.4	
Bridge Deck Grooving		Sq. Yds.	710	
Protective Coat		Sq. Yds.	945	

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

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DLZ Illinois, Inc.
 8430 W. Bryn Mawr Ave.
 Suite 100
 Chicago, IL 60631-3440

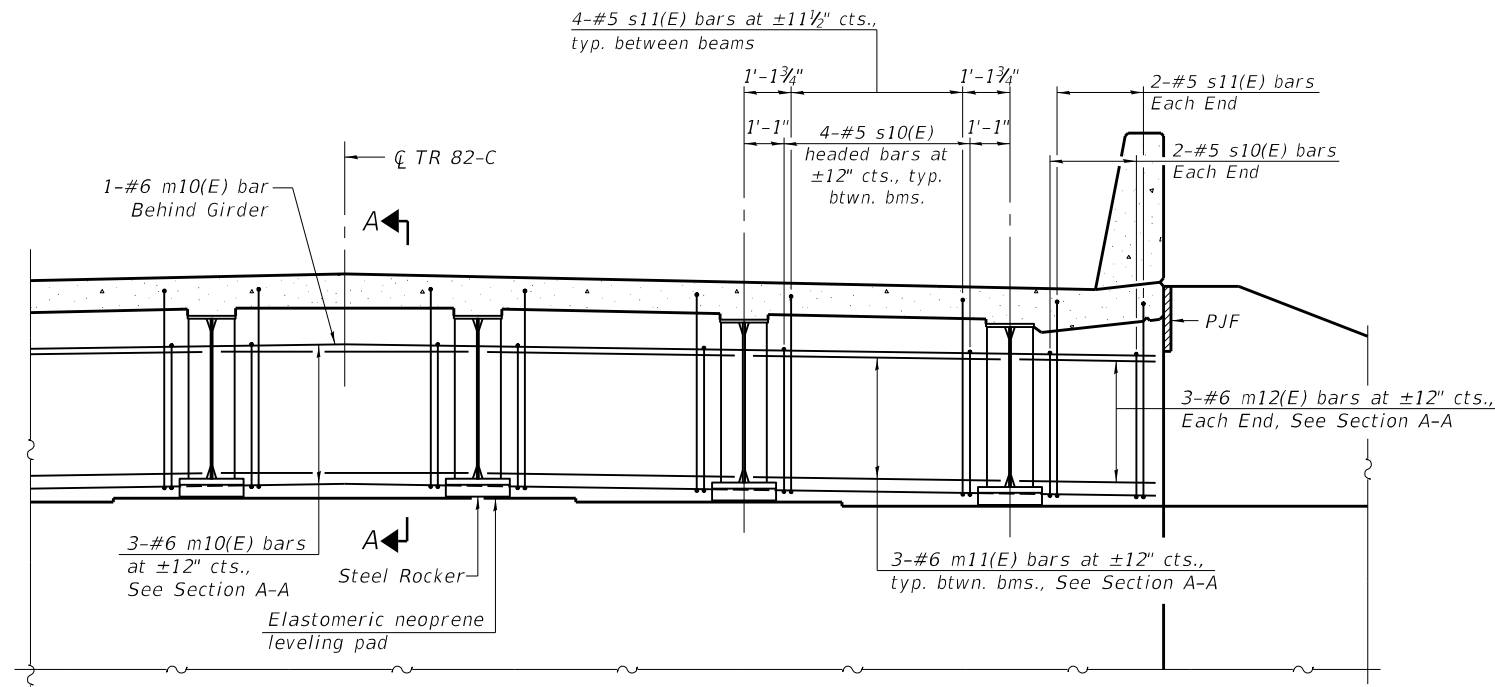
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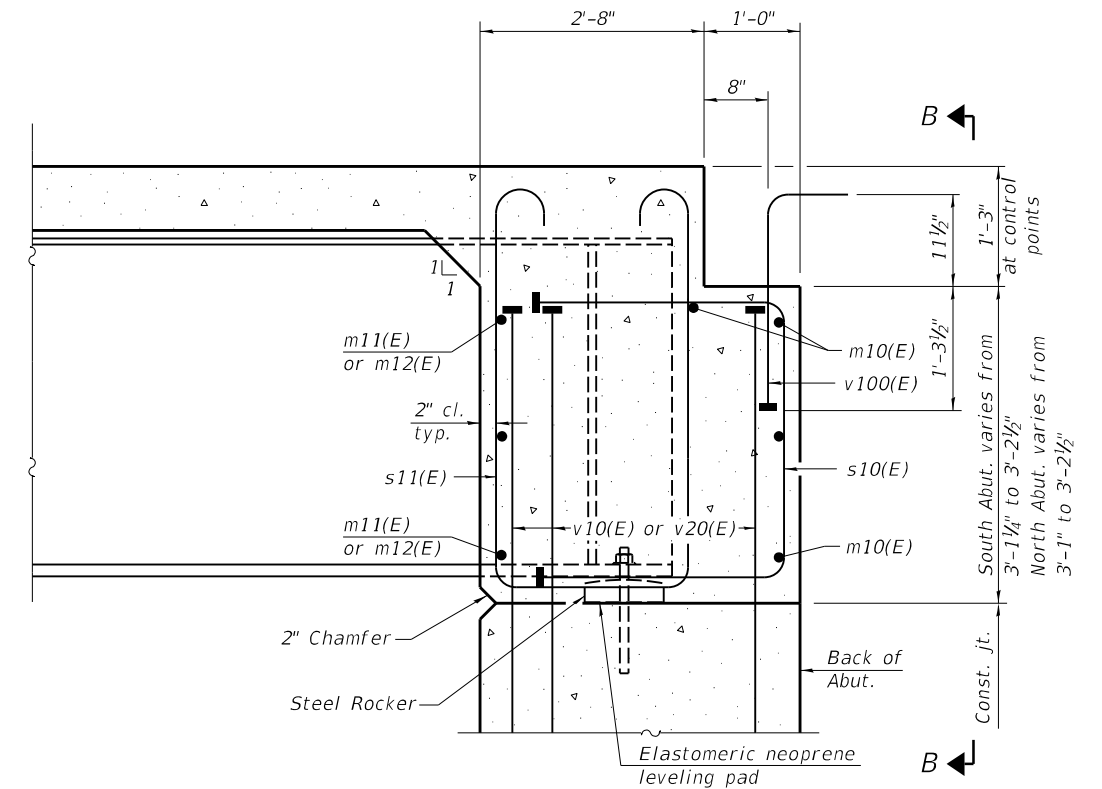
SUPERSTRUCTURE DETAILS
 STRUCTURE NO. 006-0190

SHEET S-7 OF S-22 SHEETS

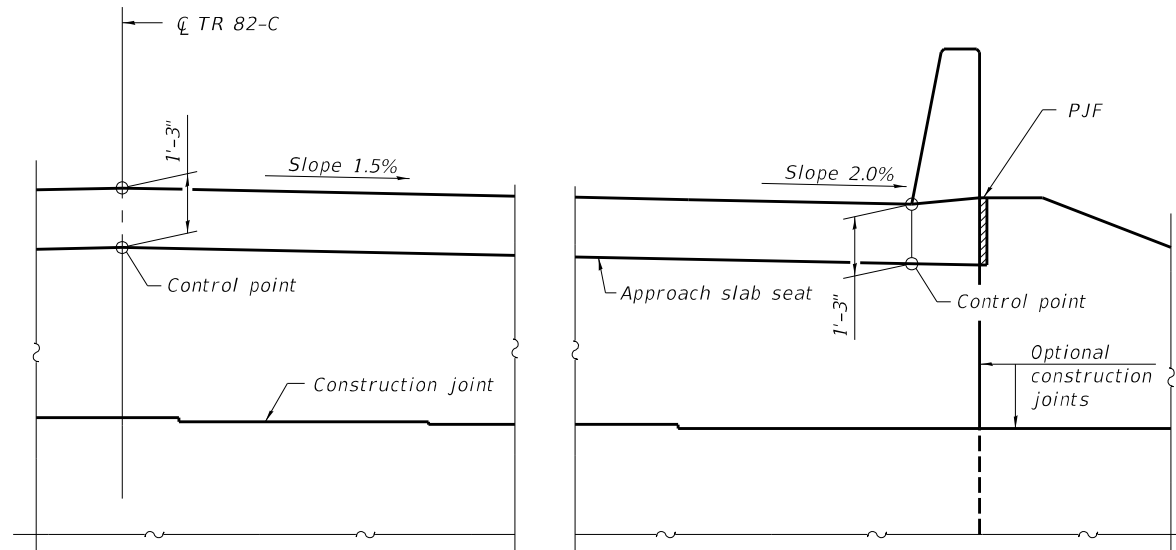
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CONTRACT NO. 66K73				
ILLINOIS FED. AID PROJECT				



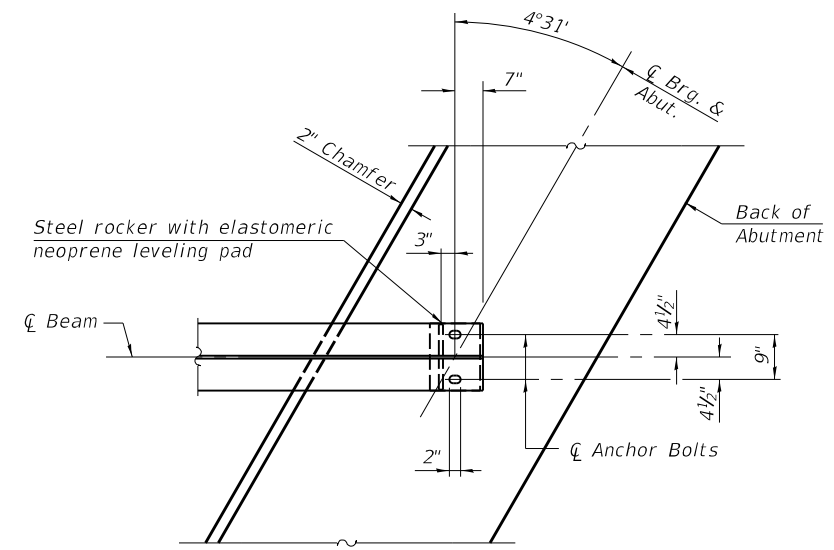
DIAPHRAGM AT ABUTMENT



SECTION A-A
(at Rt. L's)



VIEW B-B



PLAN AT ABUTMENT
(Showing bottom flange of beam)

Notes:
 See sheet S-7 of S-22 for superstructure details and Bill of Material.
 See sheet S-10 of S-22 for P.J.F. details.
 The s10(E) and s11(E) bars shall be placed parallel to the beams.
 Spacing for these bars shall be at right angles to the beams.
 The approach slab seat shall have a constant slope determined from the control points shown.

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 DIA-SB-L 06-15-2019

DIA-SB-L 06-15-2019



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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

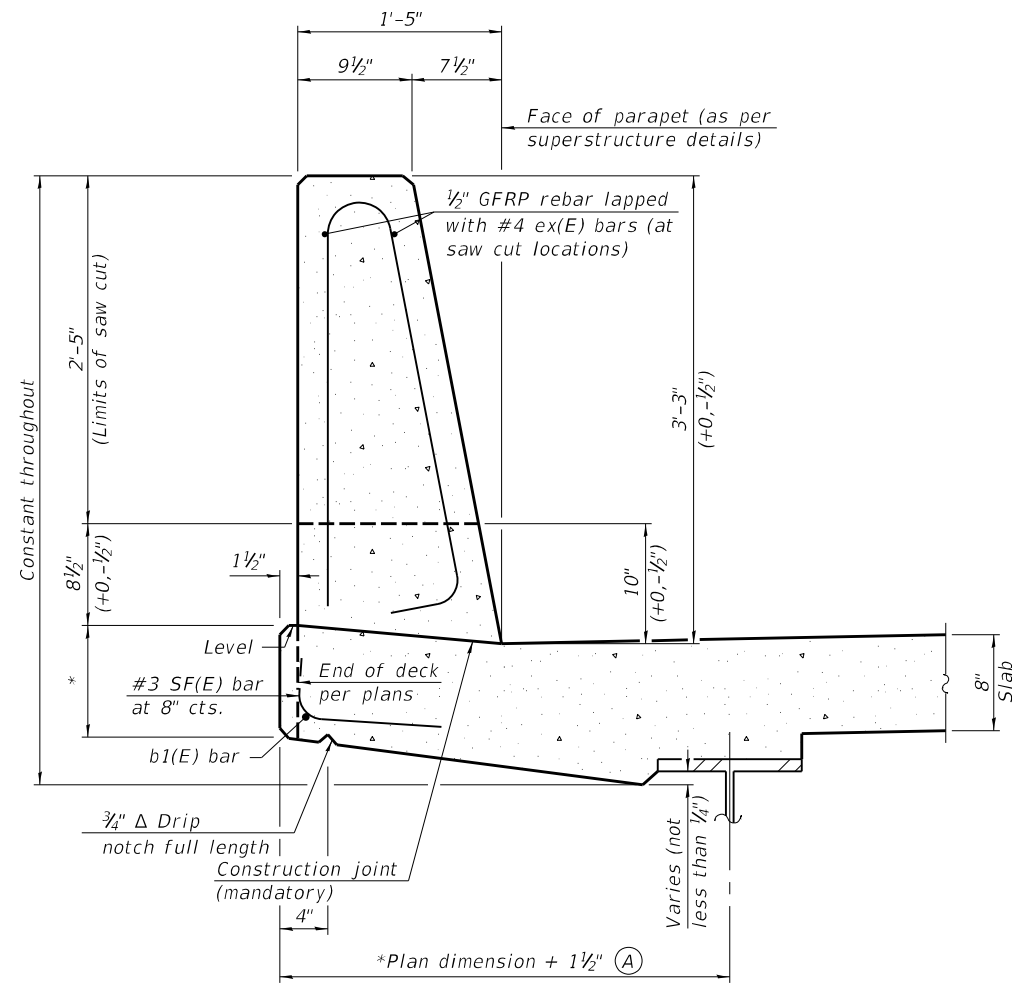
DIAPHRAGM DETAILS
STRUCTURE NO. 006-0190

SHEET S-8 OF S-22 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(06-2HB)BR	BUREAU	202	81
CONTRACT NO. 66K73				

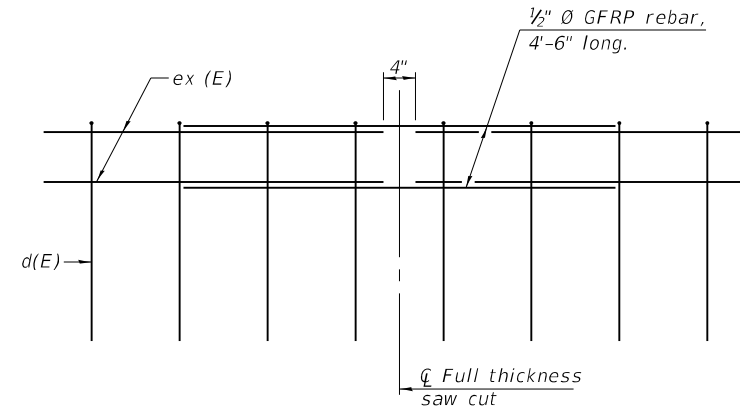
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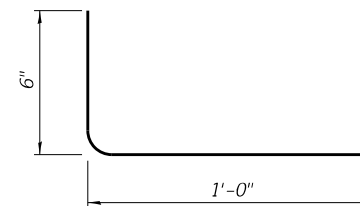


**39" CONSTANT-SLOPE
 PARAPET SECTION**

(Showing dimensions, d(E), and 1/2" Ø GFRP rebar)
 *See Superstructure Details.



GFRP REBAR STIFFENING DETAIL
 (Place as shown in parapet section at each parapet joint location.)



#3 SF(E) BAR

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" parapet.
 Place full depth aluminum sheets as shown on superstructure details.
 Replace all cork joint filler locations with a full thickness saw cut.



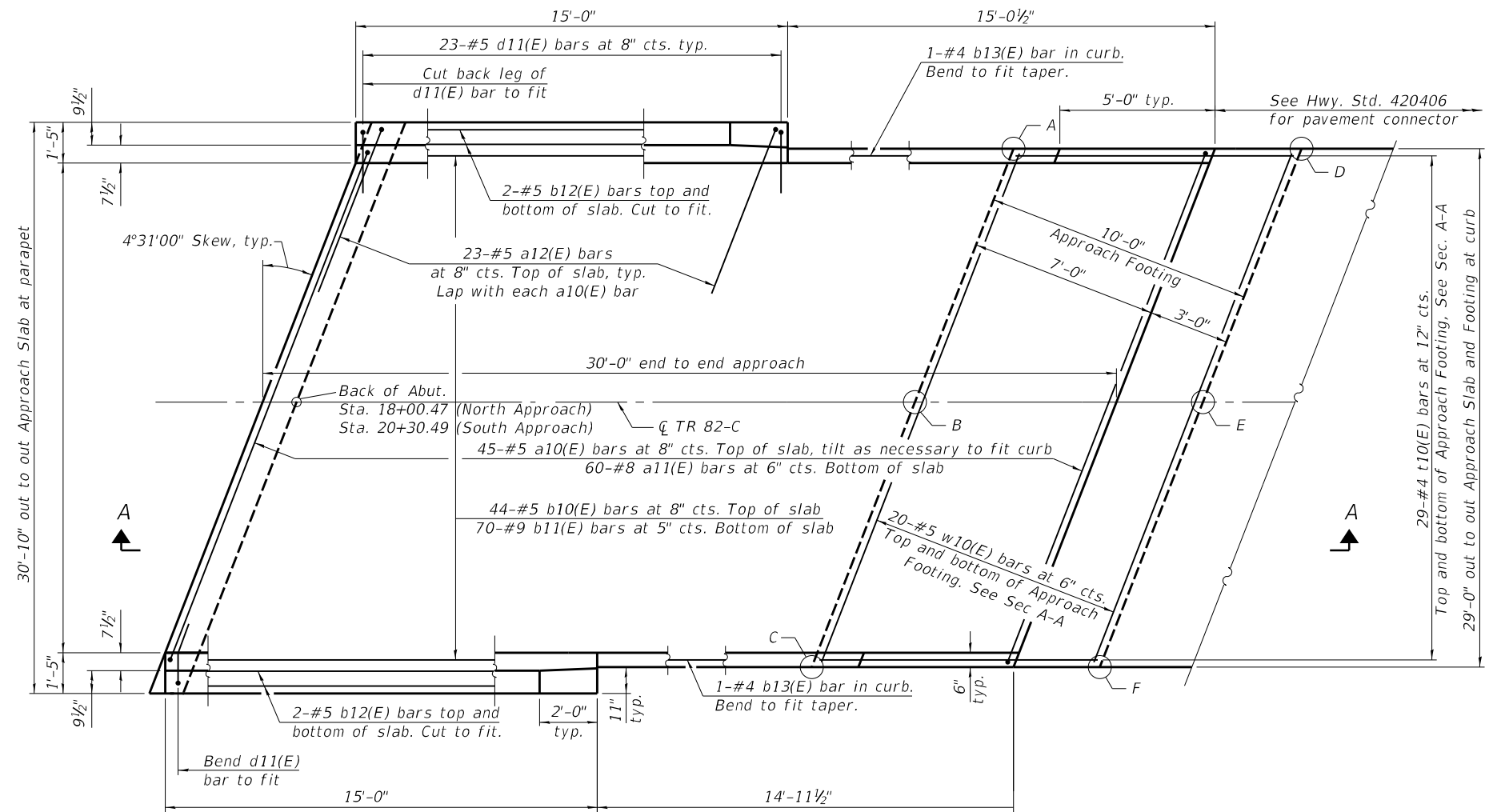
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PLOT SCALE =	DRAWN - JLM	REVISED -
PLOT DATE = 3/7/2022	CHECKED - SJR	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**CONCRETE PARAPET SLIPFORMING OPTION
 STRUCTURE NO. 006-0190**

SHEET S-9 OF S-22 SHEETS

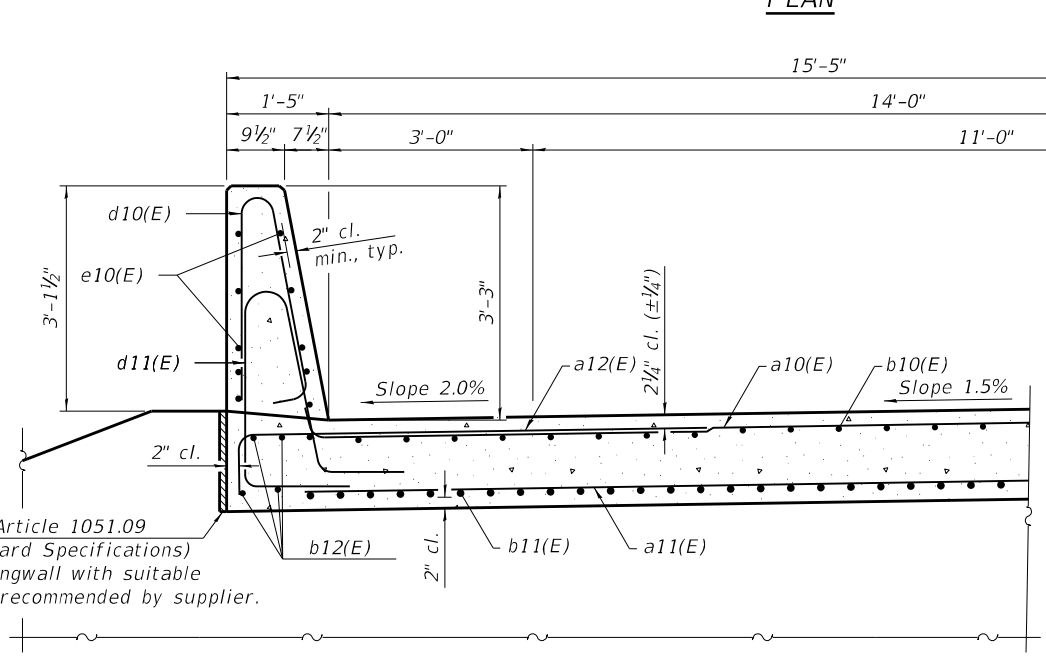
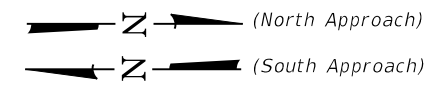
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80	(06-2HB)BR	BUREAU	202	82
CONTRACT NO. 66K73				
ILLINOIS		FED. AID PROJECT		



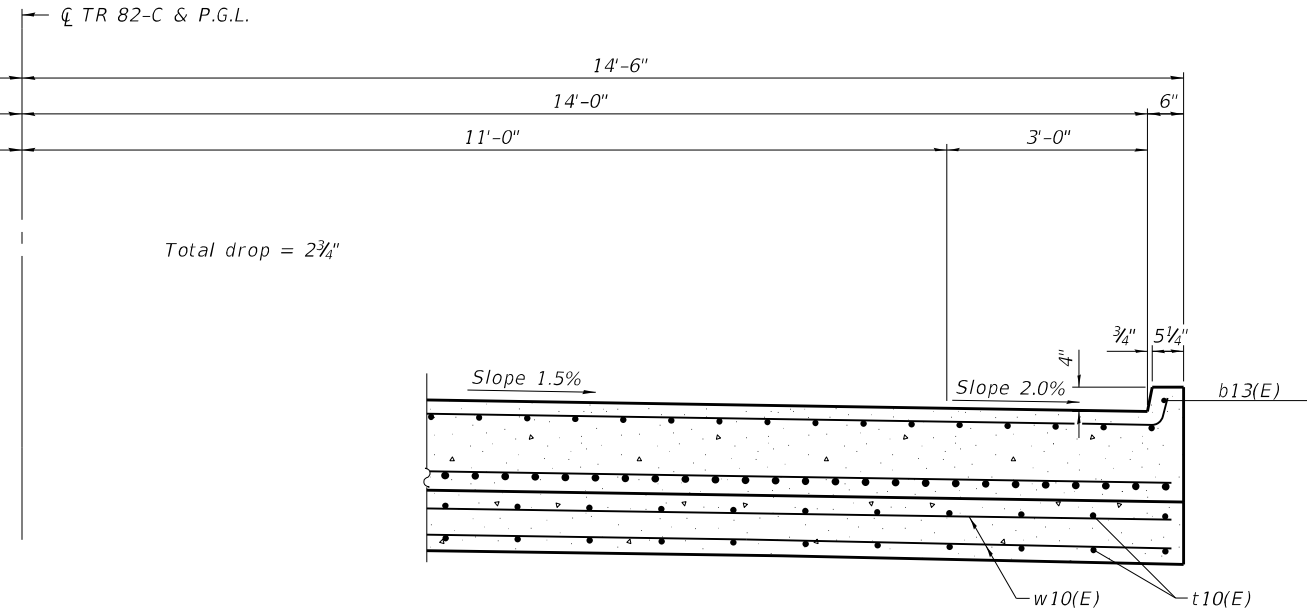
PLAN

TOP AND BOTTOM ELEVATIONS FOR APPROACH FOOTING

Point	North Approach		South Approach	
	Top	Bottom	Top	Bottom
A	699.13	698.30	701.66	700.82
B	699.39	698.55	701.89	701.06
C	699.17	698.34	701.66	700.82
D	698.94	698.11	701.66	700.82
E	699.20	698.37	701.89	701.06
F	698.99	698.15	701.66	700.82



NEAR ABUTMENT



CROSS SECTION

AT APPROACH FOOTING

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 ARCHITECTURE-ENGINEERING-PLANNING SURVEYING-CONSTRUCTION SERVICES



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	CHECKED - SJR	REVISED -

STATE OF ILLINOIS
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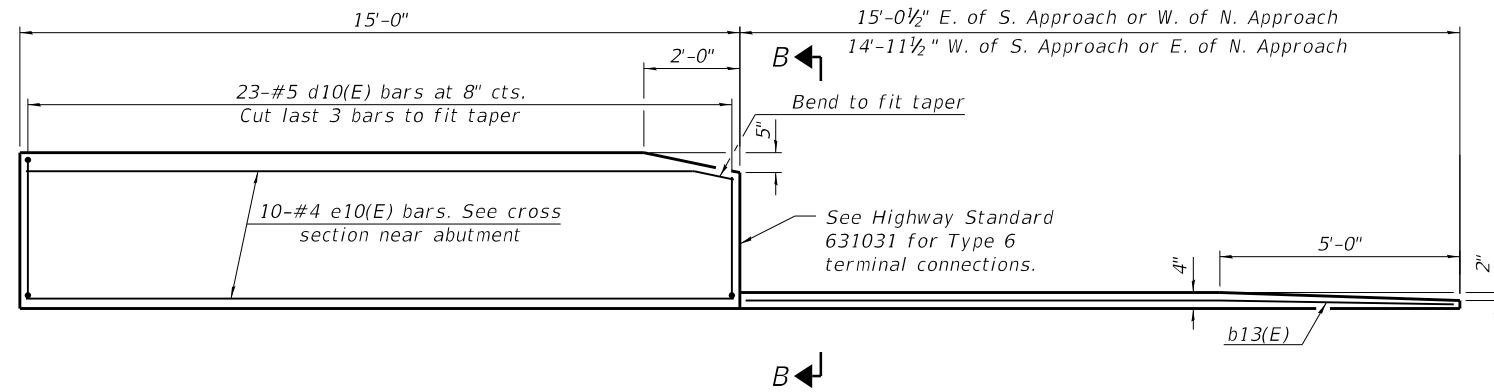
BRIDGE APPROACH SLAB DETAILS - 1
STRUCTURE NO. 006-0190

SHEET S-10 OF S-22 SHEETS

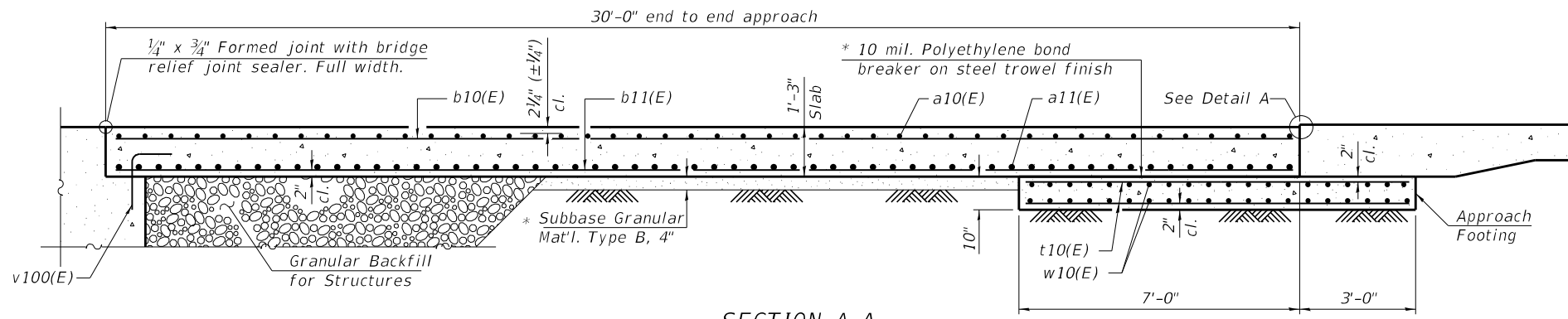
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ILLINOIS			FED. AID PROJECT	

CONTRACT NO. 66K73

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 and drainage treatment details, see sheet S-2 of S-22.

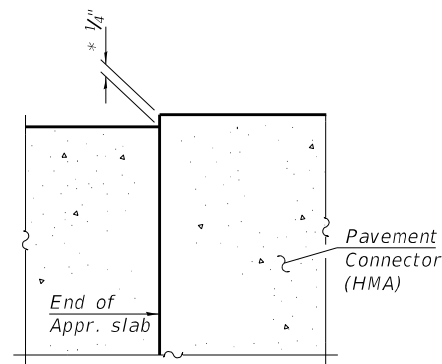


INSIDE ELEVATION OF PARAPET AND CURB



SECTION A-A

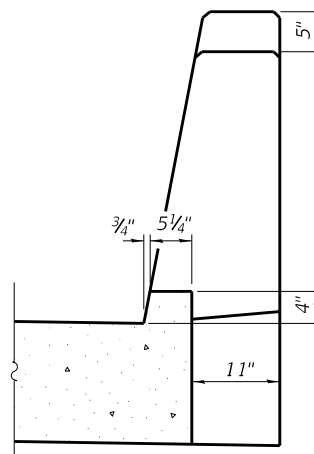
* Cost included with Concrete Superstructure (Approach Slab).



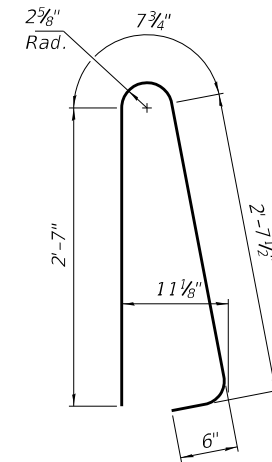
DETAIL A

(@ Rt. L's)

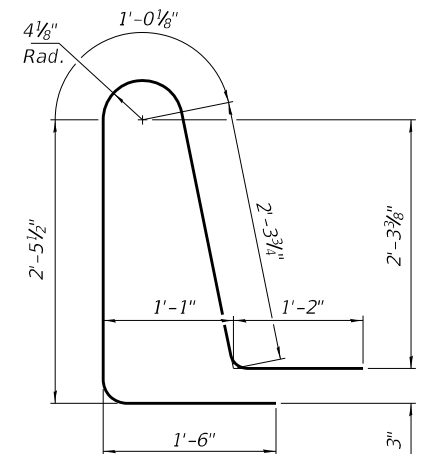
* See Hwy. Std. 420406



VIEW B-B



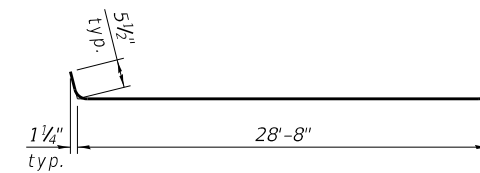
BAR d10(E)



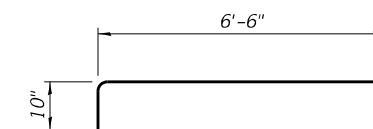
BAR d11(E)

**TWO APPROACHES
BILL OF MATERIAL**

Bar	No.	Size	Length	Shape
a10(E)	90	#5	29'-7"	┌───┐
a11(E)	120	#8	28'-8"	┌───┐
a12(E)	92	#5	7'-4"	┌───┐
b10(E)	88	#5	29'-8"	┌───┐
b11(E)	140	#9	29'-8"	┌───┐
b12(E)	16	#5	14'-8"	┌───┐
b13(E)	4	#4	14'-8"	┌───┐
d10(E)	92	#5	6'-5"	┌───┐
d11(E)	92	#5	8'-6"	┌───┐
e10(E)	40	#4	14'-8"	┌───┐
t10(E)	116	#4	9'-8"	┌───┐
w10(E)	80	#5	28'-8"	┌───┐
Concrete Superstructure		Cu. Yd.	7.8	
Concrete Superstructure (Approach Slab)		Cu. Yd.	83.8	
Concrete Structures		Cu. Yd.	17.9	
Reinforcement Bars, Epoxy Coated		Pound	34,758	
Bridge Deck Grooving		Sq. Yd.	187	
Protective Coat		Sq. Yd.	220	



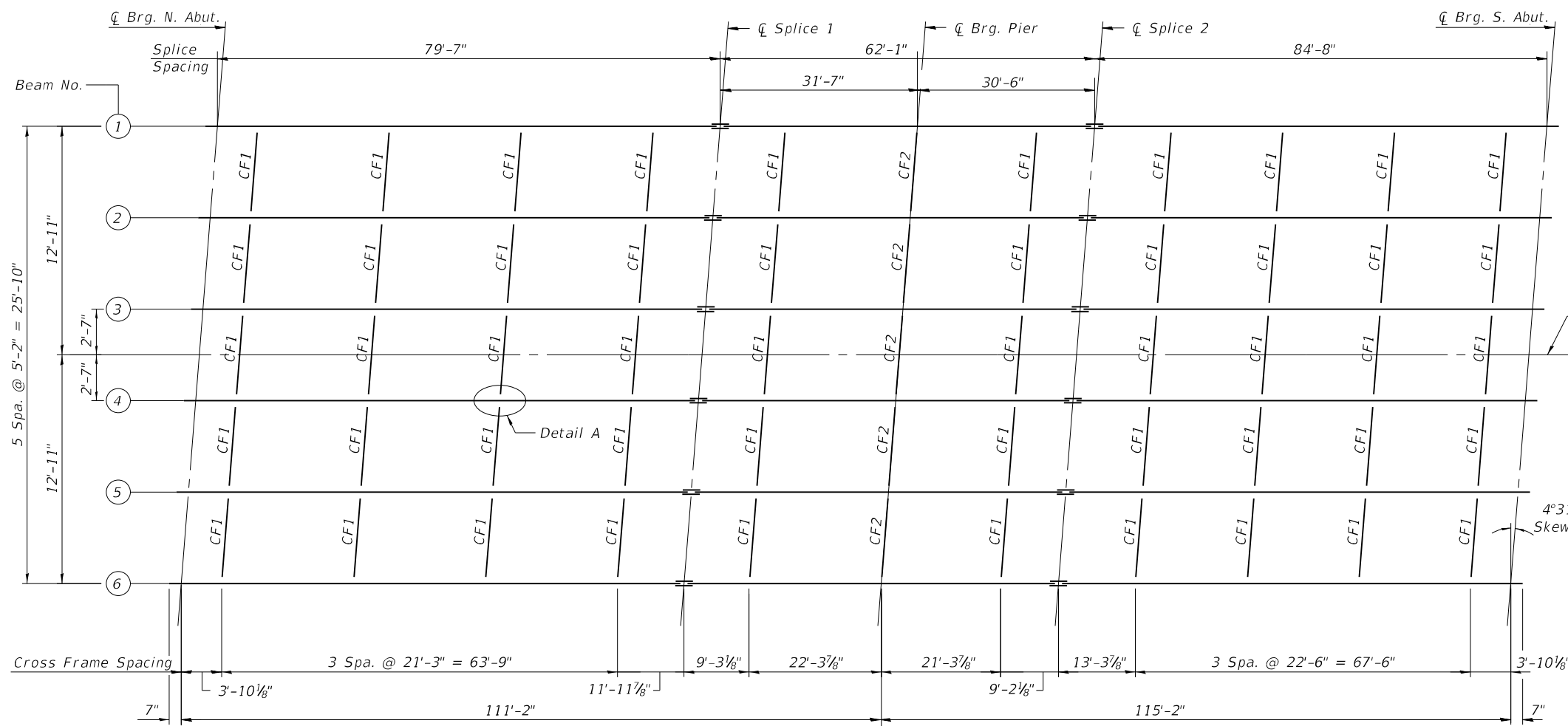
BAR a10(E)



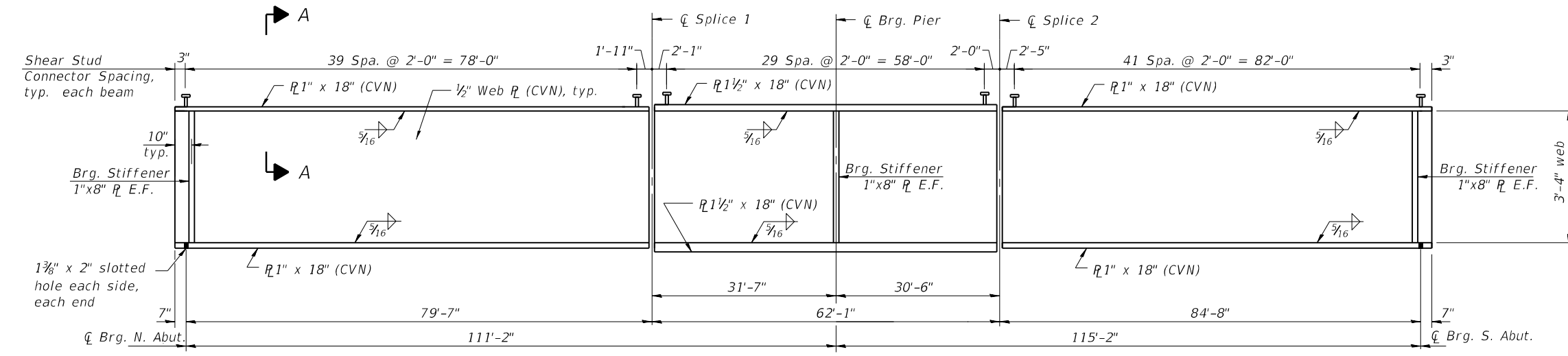
BAR a12(E)

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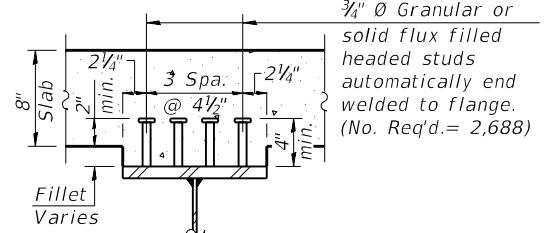
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 Suite 100
 Chicago, IL 60631-3440
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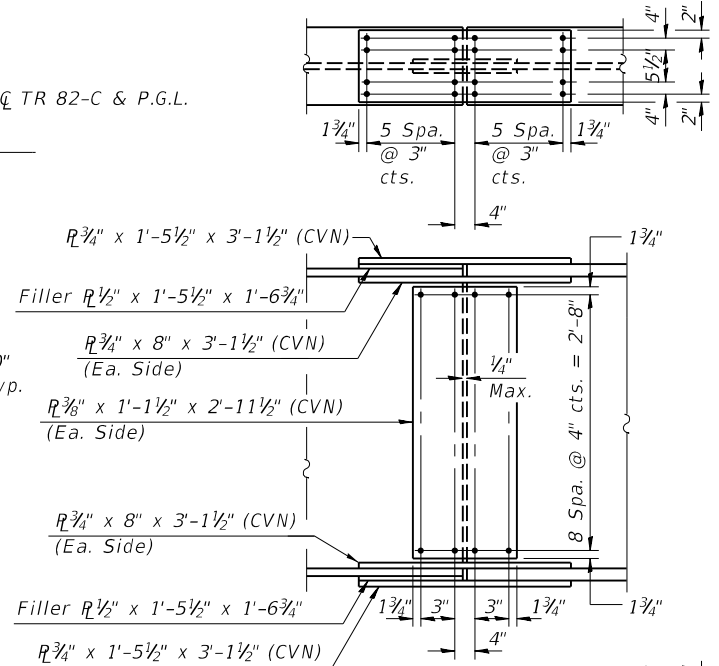
FRAMING PLAN



GIRDER ELEVATION



SECTION A-A



FIELD SPLICE DETAIL

Notes:
 All structural steel for girders, bearing stiffener plates, and splice plates shall be AASHTO M270 Grade 50.
 All cross frames shall be installed as steel is erected and secured with erection pins and bolts except as otherwise noted. Individual cross frames at supports may be temporarily disconnected to install bearing anchor rods.
 Load carrying components designated "CVN" denotes Charpy-V-Notch impact energy requirements, zone 2.

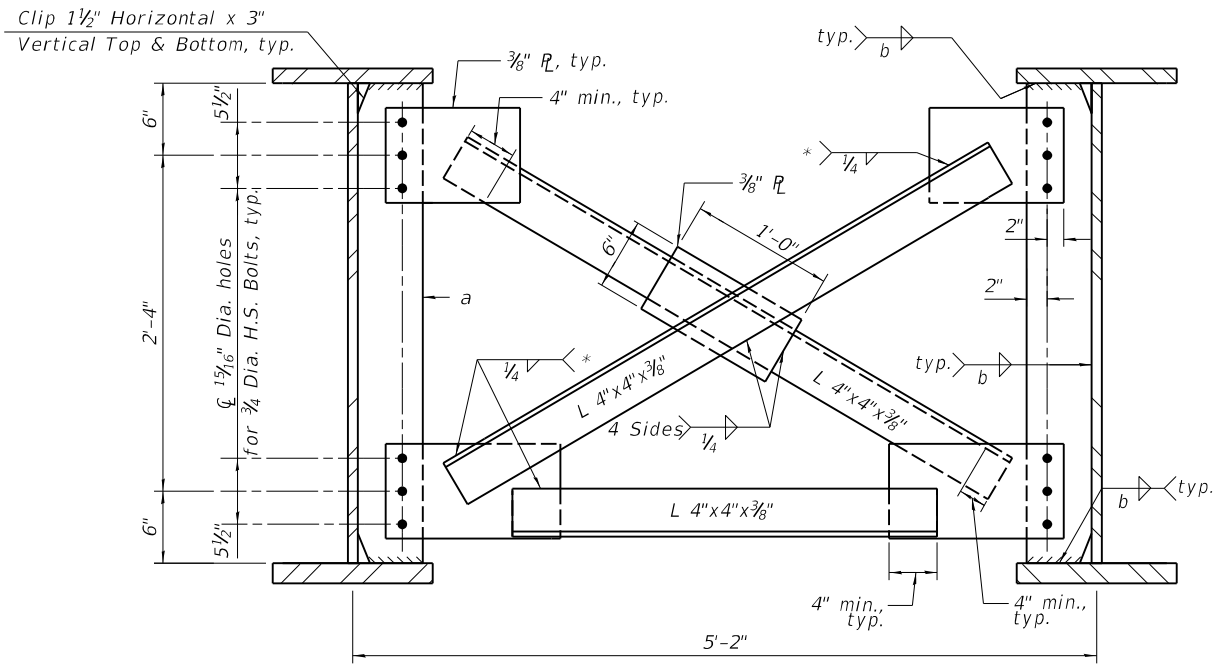
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PLOT DATE = 3/7/2022	CHECKED - SJR	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**FRAMING PLAN, ELEVATION AND STEEL DETAILS
 STRUCTURE NO. 006-0190**

SHEET S-12 OF S-22 SHEETS

F.A.I. RTE. 80	SECTION (06-2HB)BR	COUNTY BUREAU	TOTAL SHEETS 202	SHEET NO. 85
CONTRACT NO. 66K73				
ILLINOIS FED. AID PROJECT				

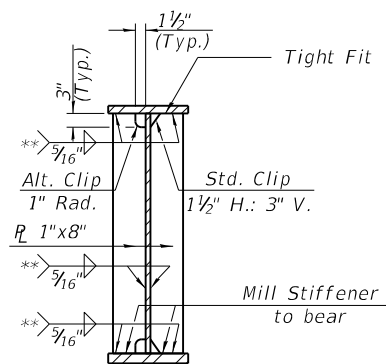


INTERIOR CROSS FRAME CF1 or CF2

(CF1: 50 Required; CF2: 5 Required)

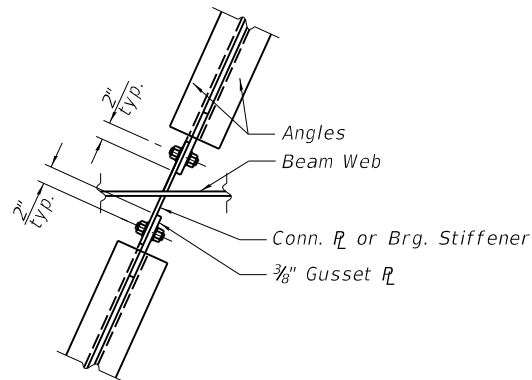
Note: Two hardened washers required for each set of oversize holes.
* Fillet weld angles along 3 sides on one face of gusset plate.

Interior Cross Frame	a	b
CF1	1/2" x 8" x 3'-4" R	1/4"
CF2	1" x 8" Brg. Stiffener	3/16"

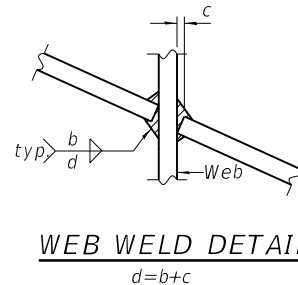


SECTION AT BEARING STIFFENER

** Stop welds 1/4" (± 1/8") from edges as shown. Typical.



DETAIL A

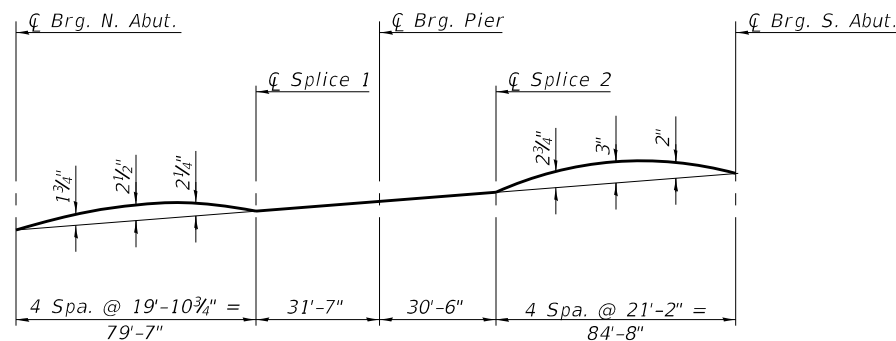


WEB WELD DETAIL

TOP OF WEB ELEVATIONS

(For Fabrication Only)

Girder	¢ Brg. N. Abut.	¢ Splice 1	¢ Brg. Pier	¢ Splice 1	¢ Brg. S. Abut.
1	700.04	700.11	701.43	701.72	702.09
2	700.12	701.19	701.51	701.79	702.18
3	700.19	701.27	701.58	701.86	702.26
4	700.18	701.26	701.58	701.86	702.25
5	700.10	701.18	701.50	701.78	702.18
6	700.00	701.09	701.41	701.70	702.09



CAMBER DIAGRAM

INTERIOR GIRDER MOMENT TABLE			
	0.4 Sp. 1	Pier	0.6 Sp. 2
Is	(in ⁴) 17799	25927	17799
Ic(n)	(in ⁴) 39451	51611	39451
Ic(3n)	(in ⁴) 28832	38160	28832
Ic(cr)	(in ⁴) -	29337	-
Ss	(in ³) 848	1206	848
Sc(n)	(in ³) 1123	1519	1123
Sc(3n)	(in ³) 1021	1390	1021
Sc(cr)	(in ³) -	1267	-
DC1	(k/ft) 0.749	0.811	0.749
MDC1	(k) 596	1384	678
DC2	(k/ft) 0.175	0.175	0.175
MDC2	(k) 138	304	157
DW	(k/ft) 0.235	0.235	0.235
MDW	(k) 185	409	210
LLDF	0.458	0.457	0.455
M _l + i _m	(k) 1178	1353	1220
M _u (Strength I)	(k) 3255	5091	3494
Øf Mn	(k) 5254	5857	5254
f _s DC1	(ksi) 8.44	13.77	9.60
f _s DC2	(ksi) 1.62	2.88	1.84
f _s DW	(ksi) 2.17	3.87	2.47
f _s (l+IM)	(ksi) 12.59	12.8	13.04
f _s (Service II)	(ksi) 28.6	37.2	30.9
0.95Rh F _{yf}	(ksi) 47.5	47.5	47.5
f _s (Total)(Strength I)	(ksi) -	-	-
Øf Fn	(ksi) -	-	-
Vf	(k) 26.8	27.0	26.3

	GIRDER REACTION TABLE					
	N. Abut.		Pier		S. Abut.	
	Interior	Exterior	Interior	Exterior	Interior	Exterior
LLDF	0.609	0.609	0.609	0.609	0.609	0.609
OCF	-	1.02	-	-	-	1.02
RDC1 (k)	31.1	32.5	114.8	120.1	33.0	34.5
RDC2 (k)	7.0	7.0	25.2	25.2	7.4	7.4
RDW (k)	9.4	9.4	33.8	33.8	10.0	10.0
R _l (k)	58.0	58.9	116.9	116.9	58.7	59.6
R _{iw} (k)	12.9	13.1	22.0	22.0	13.0	13.2
Rtotal	118.4	120.9	312.7	318.0	122.1	124.7

- Is, Ss: Non-composite moment of inertia and section modulus of the steel section used for computing fs(Total-Strength I, and Service II) due to non-composite dead loads (in.⁴ and in.³).
- Ic(n), Sc(n): Composite moment of inertia and section modulus of the steel and deck based upon the modular ratio, "n", used for computing fs(Total-Strength I, and Service II) in uncracked sections due to short-term composite live loads (in.⁴ and in.³).
- Ic(3n), Sc(3n): Composite moment of inertia and section modulus of the steel and deck based upon 3 times the modular ratio, "3n", used for computing fs(Total-Strength I, and Service II) in uncracked sections, due to long-term composite (superimposed) dead loads (in.⁴ and in.³).
- Ic(cr), Sc(cr): Composite moment of inertia and section modulus of the steel and longitudinal deck reinforcement, used for computing fs (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).
- DC1: Un-factored non-composite dead load (kips/ft.).
- MDC1: 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.).
- MDC2: 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.).
- MDW: Un-factored moment due to long-term composite (superimposed future wearing surface only) dead load (kip-ft.).
- M_l + i_m: Un-factored live load moment plus dynamic load allowance (impact) (kip-ft.).
- M_u (Strength I): Factored design moment (kip-ft.).
- 1.25 (MDC1 + MDC2) + 1.5 MDW + 1.75 M_l + i_m
- Øf Mn: Compact composite positive moment capacity computed according to Article 6.10.7.1 or non-slender negative moment capacity according to Article A6.1.1 or A6.1.2 (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).
- MDC1 / S_{nc}
- f_s DC2: Un-factored stress at edge of flange for controlling steel flange due to vertical composite dead loads as calculated below (ksi).
- MDC2 / Sc(3n) or MDC2 / Sc(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).
- MDW / Sc(3n) or MDW / Sc(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 + i_m / Sc(n) or M_l + i_m / Sc(cr) as applicable.
- f_s (Service II): Sum of stresses as computed below (ksi).
- f_sDC1 + f_sDC2 + f_sDW + 1.3 f_s(l + i_m)
- 0.95RhF_{yf}: Composite stress capacity for Service II loading according to Article 6.10.4.2 (ksi).
- f_s (Total)(Strength I): Sum of stresses as computed below on non-compact section (ksi).
- 1.25 (f_sDC1 + f_sDC2) + 1.5 f_sDW + 1.75 f_s(l + i_m)
- Øf Fn: Non-Compact composite positive or negative stress capacity for Strength I loading according to Article 6.10.7 or 6.10.8 (ksi).
- Vf: Maximum factored shear range in span computed according to Article 6.10.10.
- LLDF: Live Load Distribution Factor
- OCF: Obtuse Correction Factor

MODEL: Default; FILE NAME: X:\Projects\2021\21821217700 IDOT PTB 199-22 D3\WO#264102 Discipline Files\02 Bridge - 190102 Pre-Final\Sheets\0060190-66K73-011_Steel_details.dgn



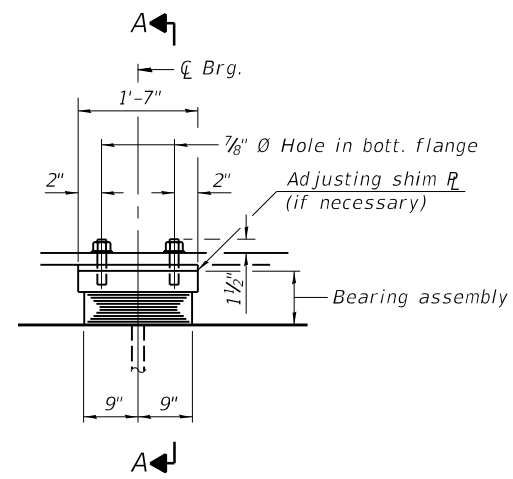
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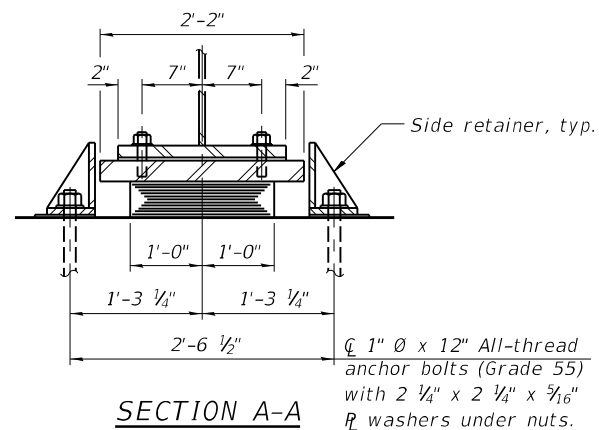
**STEEL DETAILS
STRUCTURE NO. 006-0190**

SHEET S-13 OF S-22 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(06-2HB)BR	BUREAU	202	86
CONTRACT NO. 66K73				
ILLINOIS		FED. AID PROJECT		



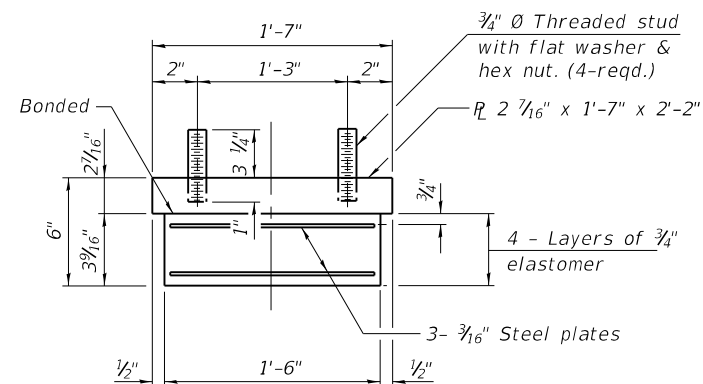
ELEVATION AT PIER



SECTION A-A

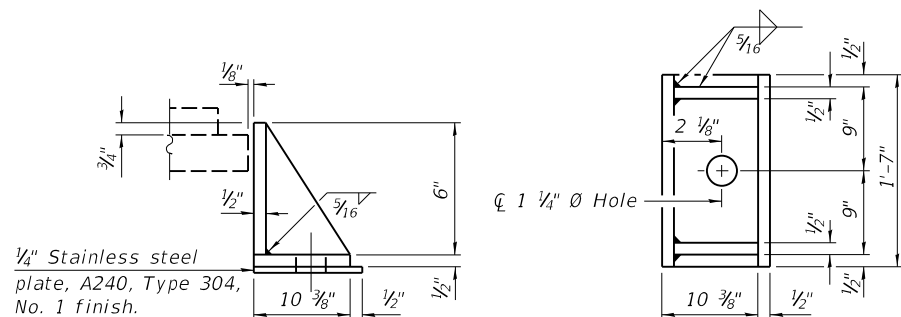
1" ϕ x 12" All-thread anchor bolts (Grade 55) with 2 1/4" x 2 1/4" x 3/16" R washers under nuts.

TYPE I ELASTOMERIC EXP. BRG.
(at pier)



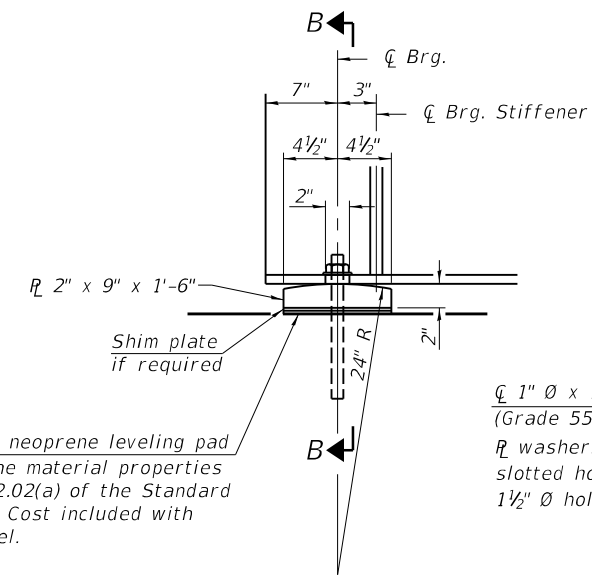
BEARING ASSEMBLY

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



SIDE RETAINER

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



ELEVATION AT ABUTMENT

1/8" elastomeric neoprene leveling pad according to the material properties of Article 1052.02(a) of the Standard Specifications. Cost included with Structural Steel.

1" ϕ x 12" All thread anchor bolts (Grade 55) with 2 1/4" x 2 1/4" x 3/16" R washers under nuts. 1 3/8" x 2" slotted holes in flange. 1 1/2" ϕ holes in bearing plate.

SECTION B-B

FIXED BEARING
(at abutments, 12 required)

Notes:
Side retainers and stainless steel plates shall be included in the cost of Elastomeric Bearing Assembly, Type I.
Anchor bolts shall be according to Article 521.06 of the Standard Specifications.
Beams shall be braced for stability during erection and remain braced until deck is poured and cured.
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.
Two 1/8 in. adjustable shims shall be provided for each bearing in addition to all other plates or shims and placed as shown on bearing details.
The structural steel plates of the fixed bearing and elastomeric bearing assembly, except adjusting shims, shall conform to the requirements of AASHTO M 270. Grade 50.

BILL OF MATERIAL

Item	Unit	Total
Elastomeric Bearing Assembly Type I	Each	6
Anchor Bolts, 1"	Each	36

MODEL: Default
FILE NAME: X:\Projects\2021\21821217700 IDOT PTB 199-22 D3\WO#264102 Discipline Files\02 Bridge - 190\02 Pre-Final\Sheets\0060190-66K73-012_Bearings.dgn



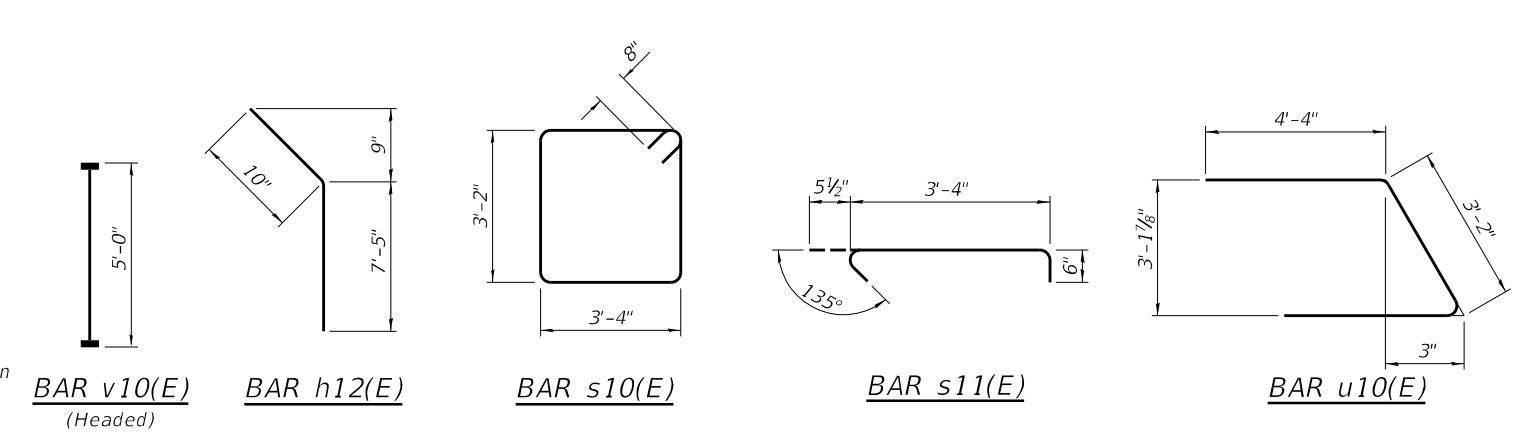
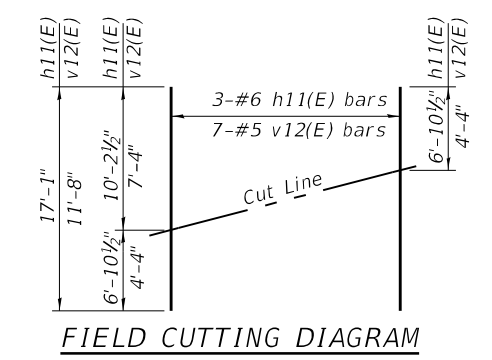
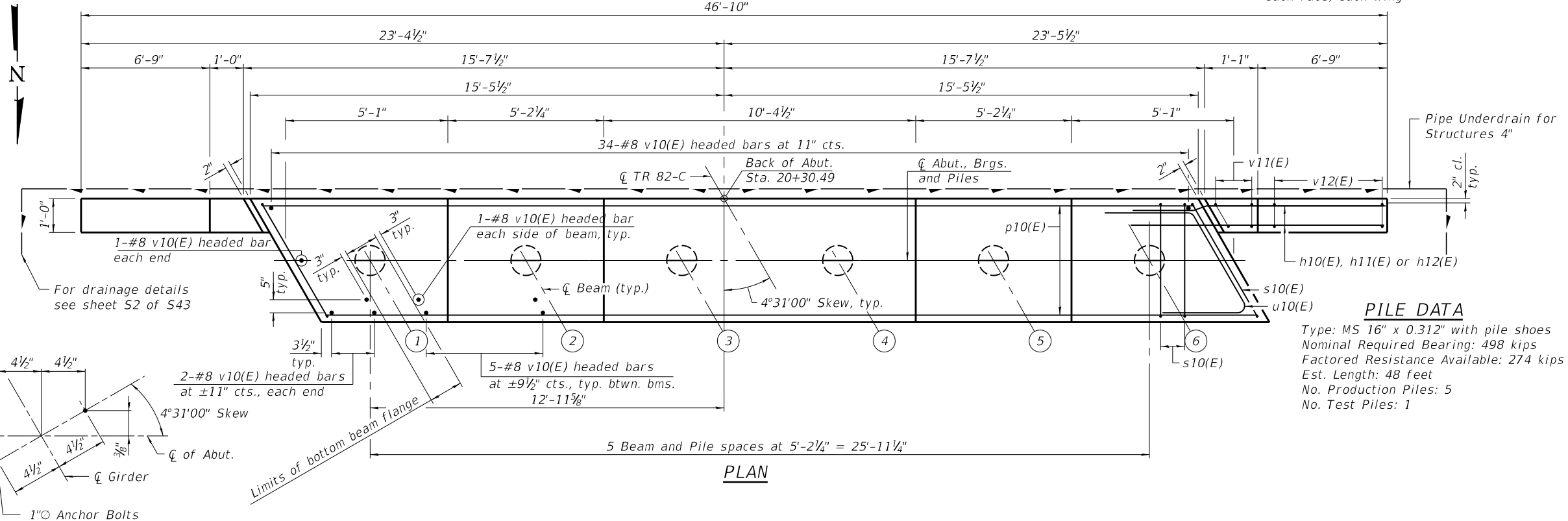
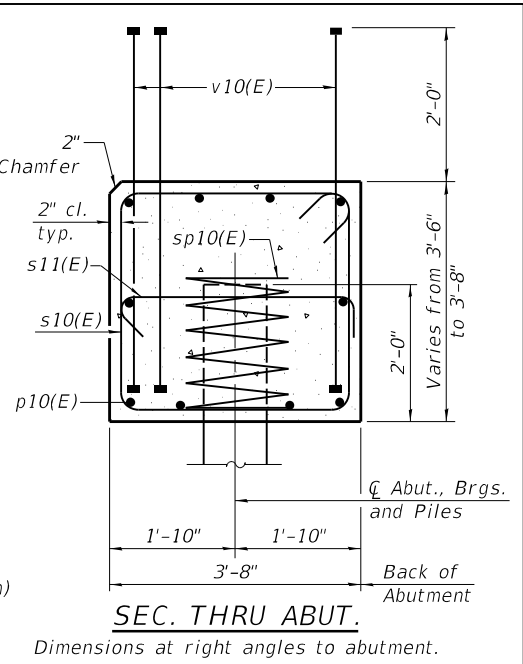
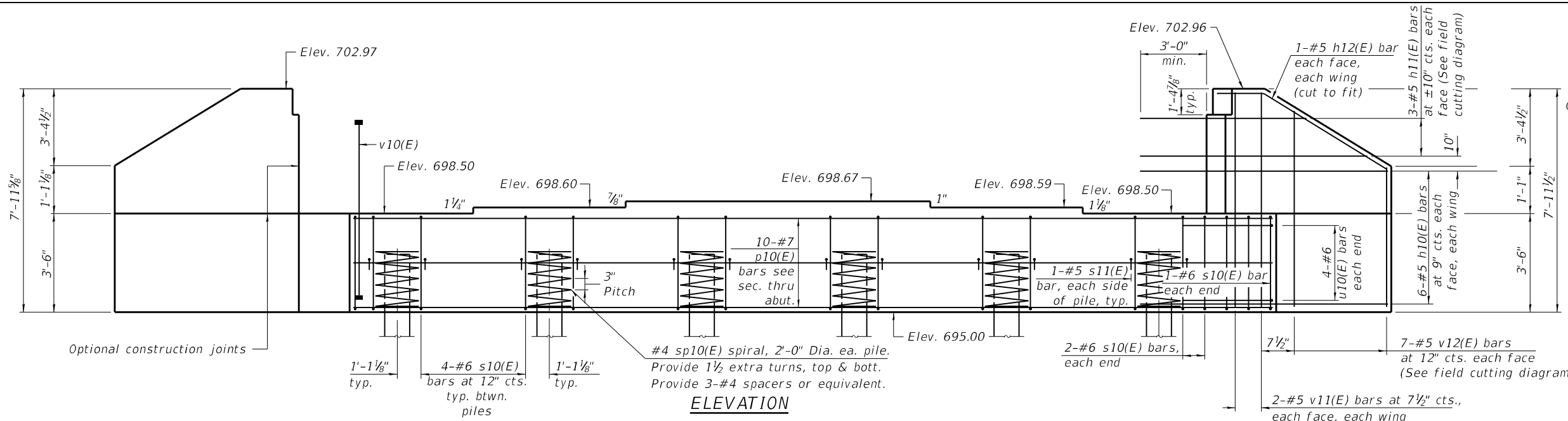
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PLOT SCALE =	CHECKED - YD	REVISED -
PLOT DATE = 3/7/2022	DRAWN - JLM	REVISED -
	CHECKED - SJR	REVISED -

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BEARING DETAILS
STRUCTURE NO. 006-0190

SHEET S-14 OF S-22 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(06-2HB)BR	BUREAU	202	87
CONTRACT NO. 66K73				
ILLINOIS FED. AID PROJECT				



BILL OF MATERIAL

Bar	No.	Size	Length	Shape
h10(E)	24	#5	10'-10"	—
h11(E)	12	#5	17'-1"	—
h12(E)	4	#5	8'-3"	—
p10(E)	10	#7	30'-7"	—
s10(E)	26	#6	14'-4"	□
s11(E)	12	#5	4'-4"	□
* sp10(E)	6	#4	2'-0"	WWW
u10(E)	8	#6	11'-10"	—
v10(E)	77	#8	5'-0"	—
v11(E)	8	#5	7'-7"	—
v12(E)	14	#5	11'-8"	—
Structure Excavation		Cu. Yd.	125	
Concrete Structures		Cu. Yd.	18.9	
Reinforcement Bars, Epoxy Coated		Pound	3,441	
Furnishing Metal Shell Piles 16" x 0.312"		Foot	240	
Driving Piles		Foot	240	
Test Pile Metal Shells		Each	1	
Pile Shoes		Each	6	
Geocomposite Wall Drain		Sq. Yd.	23.1	
Pipe Underdrains for Structures 4"		Foot	68.9	
Granular Backfill for Structures		Cu. Yd.	62.4	

* Length is height of spiral.

PILE DATA
Type: MS 16" x 0.312" with pile shoes
Nominal Required Bearing: 498 kips
Factored Resistance Available: 274 kips
Est. Length: 48 feet
No. Production Piles: 5
No. Test Piles: 1

Notes:
Pour steps monolithically with cap.
Piles shall be driven through 24" diameter precored holes extending to elevation 685.00 according to Article 512.09(c) of the Standard Specifications except that the void space outside of the pile shall be filled with bentonite according to the manufacturer's recommendations to achieve a Q_u of 1.5 tsf.
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.
For details of piles see sheet S-19 of S-22.

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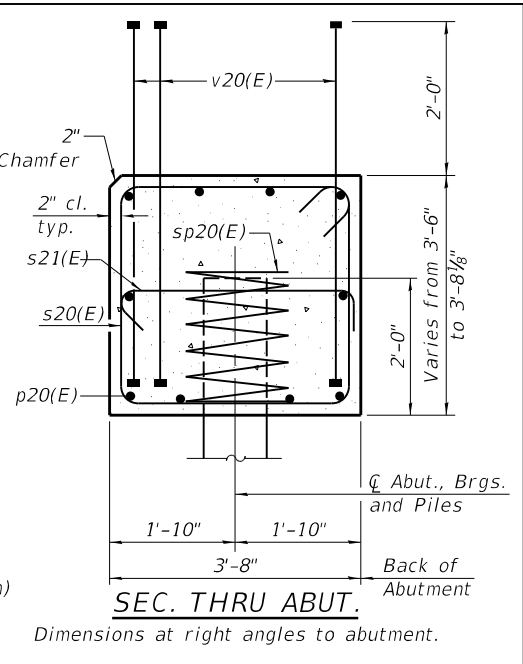
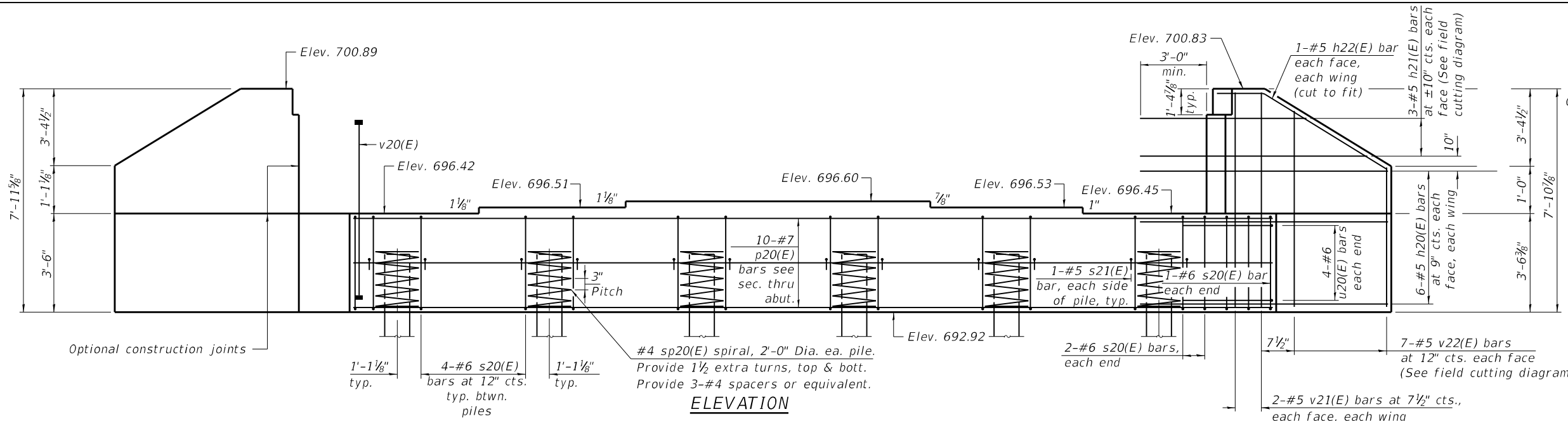


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CHECKED - DBH	REVISIONS -	
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**STATE OF ILLINOIS
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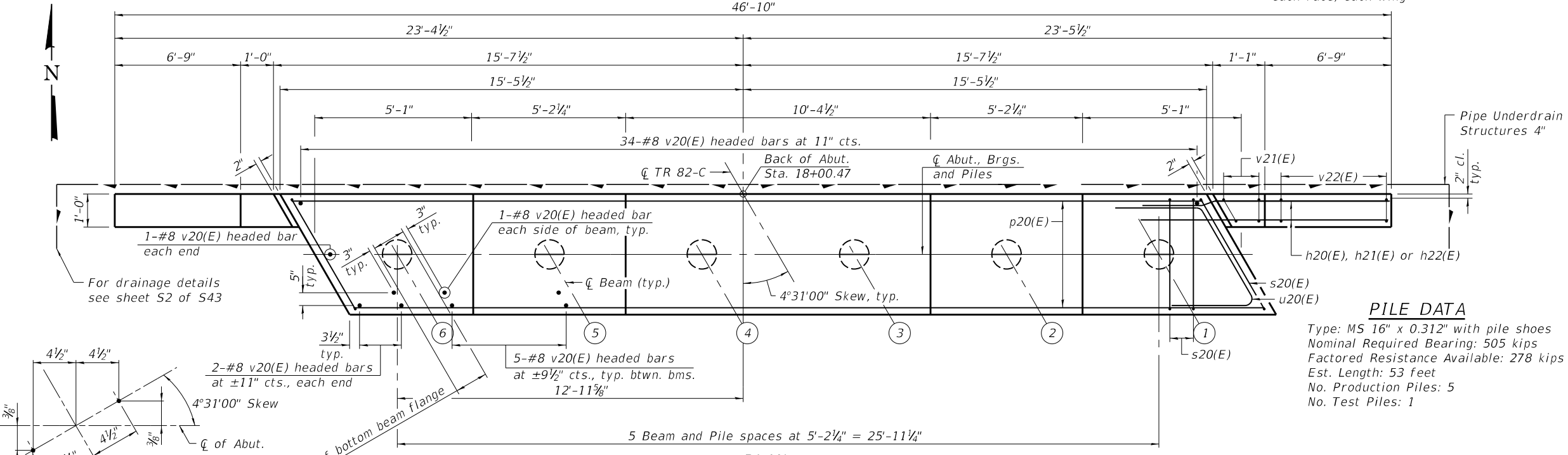
**SOUTH ABUTMENT DETAILS
STRUCTURE NO. 006-0190**
SHEET S-15 OF S-22 SHEETS

FA.I. RTE. 80	SECTION (06-2HB)BR	COUNTY BUREAU	TOTAL SHEETS 202	SHEET NO. 88
CONTRACT NO. 66K73				
ILLINOIS FED. AID PROJECT				



BILL OF MATERIAL

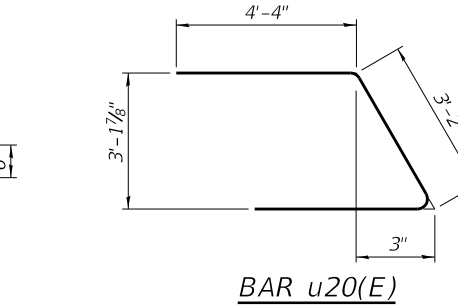
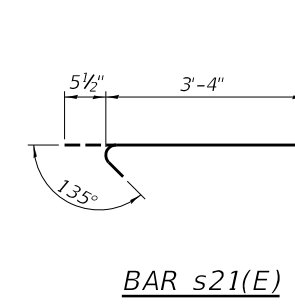
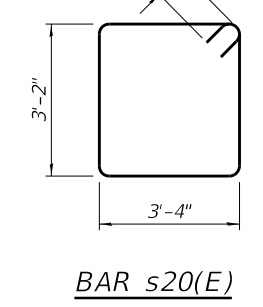
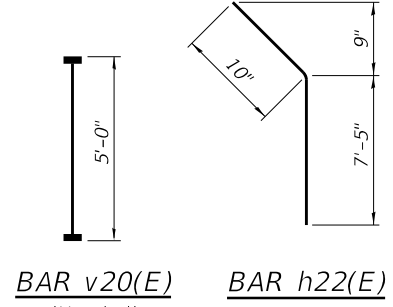
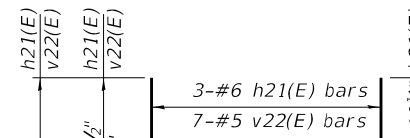
Bar	No.	Size	Length	Shape	
h20(E)	24	#5	10'-10"	—	
h21(E)	12	#5	17'-1"	—	
h22(E)	4	#5	8'-3"	—	
p20(E)	10	#7	30'-7"	—	
s20(E)	26	#6	14'-4"	□	
s21(E)	12	#5	4'-4"	┌	
sp20(E)	6	#4	2'-0"	≡≡≡	
u20(E)	8	#6	11'-10"	└	
v20(E)	77	#8	5'-0"	—	
v21(E)	8	#5	7'-6"	—	
v22(E)	14	#5	11'-6"	—	
Structure Excavation				Cu. Yd.	121
Concrete Structures				Cu. Yd.	18.9
Reinforcement Bars, Epoxy Coated				Pound	3,438
Furnishing Metal Shell Piles 16" x 0.312"				Foot	265
Driving Piles				Foot	265
Test Pile Metal Shells				Each	1
Pile Shoes				Each	6
Geocomposite Wall Drain				Sq. Yd.	23.0
Pipe Underdrains for Structures 4"				Foot	68.9
Granular Backfill for Structures				Cu. Yd.	62.0



PILE DATA

Type: MS 16" x 0.312" with pile shoes
 Nominal Required Bearing: 505 kips
 Factored Resistance Available: 278 kips
 Est. Length: 53 feet
 No. Production Piles: 5
 No. Test Piles: 1

ANCHOR BOLT LAYOUT



Notes:

Pour steps monolithically with cap.

Piles shall be driven through 24" diameter precored holes extending to elevation 682.92 according to Article 512.09(c) of the Standard Specifications except that the void space outside of the pile shall be filled with bentonite according to the manufacturer's recommendations to achieve a Qu of 1.5 tsf.

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.

For details of piles see sheet S-19 of S-22.

STATE OF ILLINOIS
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NORTH ABUTMENT DETAILS
 STRUCTURE NO. 006-0190

SHEET S-16 OF S-22 SHEETS

FAI. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(06-2HB)BR	BUREAU	202	89
CONTRACT NO. 66K73				
ILLINOIS FED. AID PROJECT				

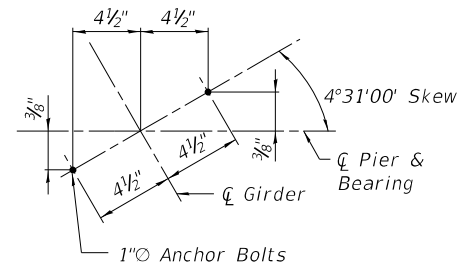
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CDLZ
 DLZ Illinois, Inc.
 0430 W. Bryn Mawr Ave.
 Suite 100
 Chicago, IL 60631-3440

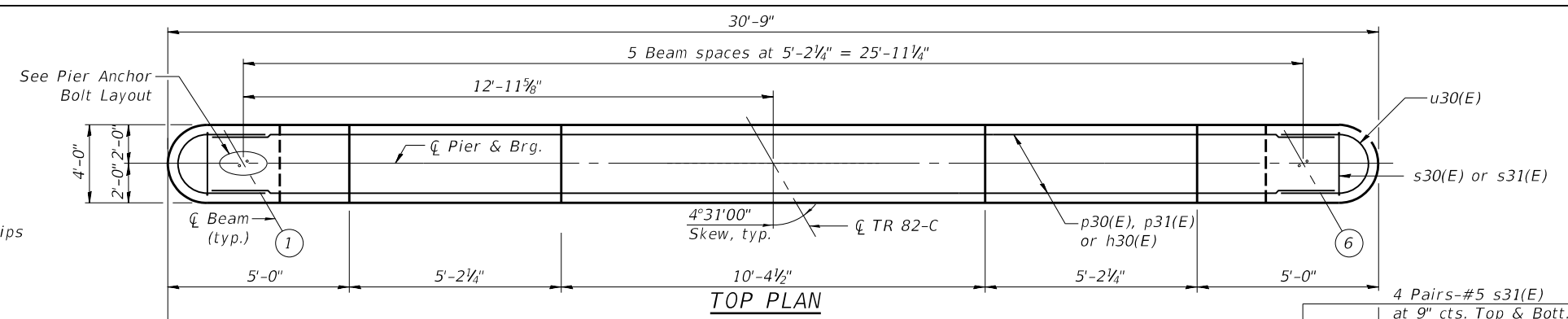
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PILE DATA

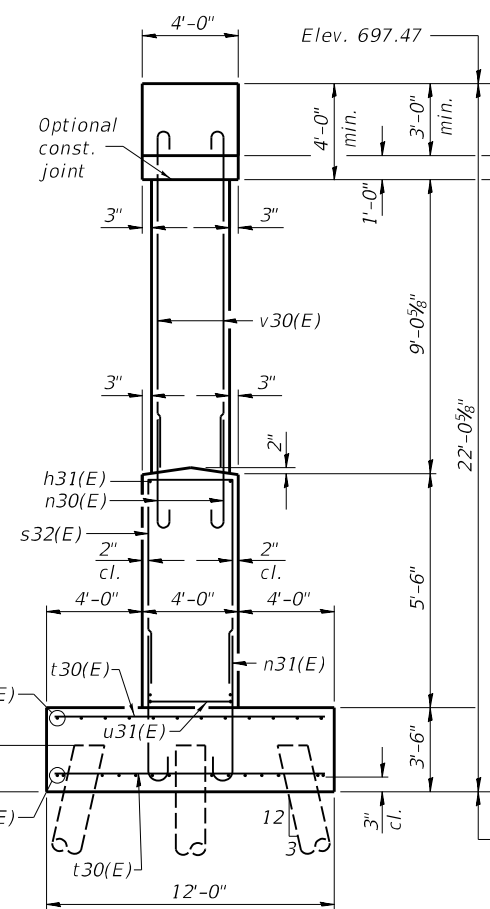
Type: MS 16"x0.312" with pile shoes
 Nominal Required Bearing: 505 kips
 Factored Resistance Available: 278 kips
 Est. Length: 40 feet
 No. Production Piles: 14
 No. Test Piles: 1



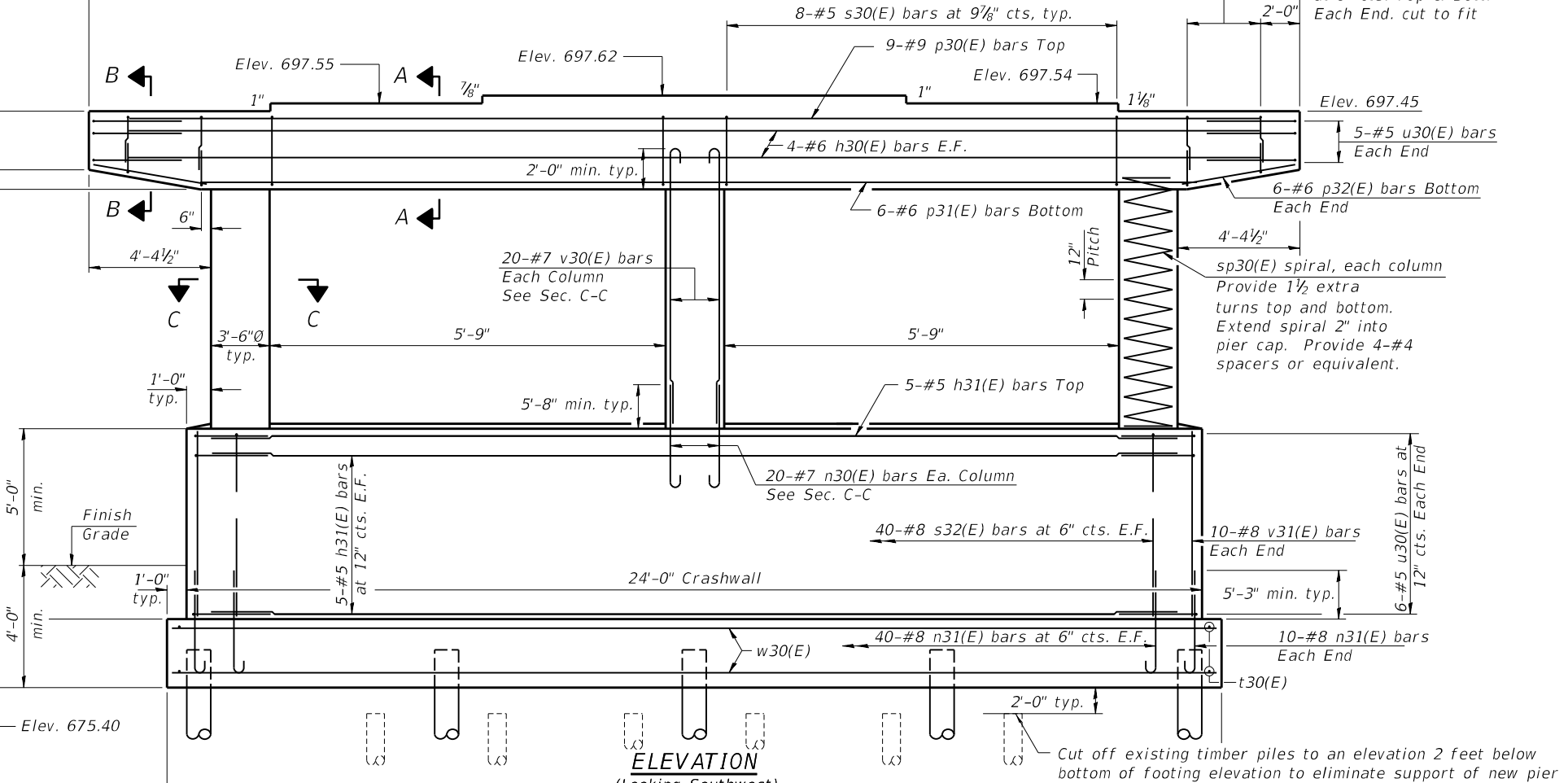
ANCHOR BOLT LAYOUT



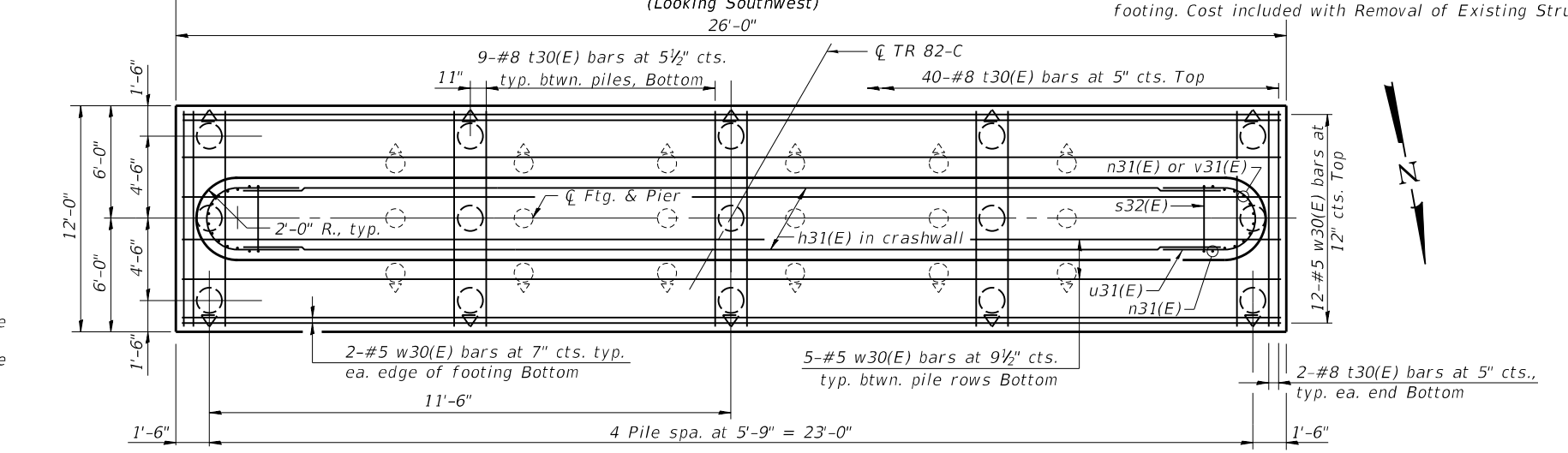
TOP PLAN



END VIEW



ELEVATION
(Looking Southwest)



FOOTING PLAN

LEGEND

- Proposed battered pile
- Proposed pile
- Existing creosoted timber pile
- Existing creosoted timber pile (battered 2 in. per ft.)

Cut off existing timber piles to an elevation 2 feet below bottom of footing elevation to eliminate support of new pier footing. Cost included with Removal of Existing Structures.

Notes:
 Space reinforcement in cap to miss anchor bolts. Pour steps monolithically with cap.
 For details of piles, see sheet S-19 of S-22.
 New piles can be moved up to 8 inches to avoid contact with the existing piles when/if a conflict occurs in the field and not change the design. If new pier piles cannot be moved to avoid conflict with existing piles, existing pier piles shall be removed. If an existing pier pile will be removed per the Engineer, the cost of removal will be paid for according to Article 109.04 of the Standard Specifications.

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 ARCHITECTURE-ENGINEERING-PLANNING SURVEYING-CONSTRUCTION SERVICES
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PIER DETAILS - 1
STRUCTURE NO. 006-0190

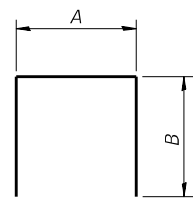
SHEET S-17 OF S-22 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(06-2HB)BR	BUREAU	202	90
CONTRACT NO. 66K73				
ILLINOIS FED. AID PROJECT				

BILL OF MATERIAL

Bar	No.	Size	Length	Shape
h30(E)	8	#6	26'-9"	—
h31(E)	15	#5	20'-0"	—
n30(E)	60	#7	8'-6"	⌋
n31(E)	100	#8	9'-5"	⌋
p30(E)	9	#9	26'-9"	—
p31(E)	6	#6	23'-0"	—
p32(E)	12	#6	3'-8"	—
s30(E)	16	#5	15'-7"	⌋
s31(E)	16	#5	10'-0"	⌋
s32(E)	80	#8	14'-0"	⌋
**sp30(E)	3	#4	9'-1"	⌋
t30(E)	80	#8	11'-8"	—
u30(E)	22	#5	12'-11"	⌋
v30(E)	60	#7	11'-9"	⌋
v31(E)	20	#8	5'-2"	—
w30(E)	26	#5	25'-8"	—
Structure Excavation		Cu. Yd.	73	
Concrete Structures		Cu. Yd.	85.6	
Reinforcement Bars, Epoxy Coated		Pound	14,145	
Furnishing Metal Shell Piles 16" x 0.312"		Foot	518	
Driving Piles		Foot	518	
Test Pile Metal Shells		Each	1	
Pile Shoes		Each	15	

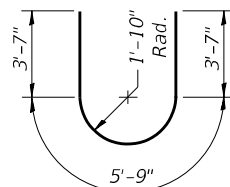
** Length is height of spiral.



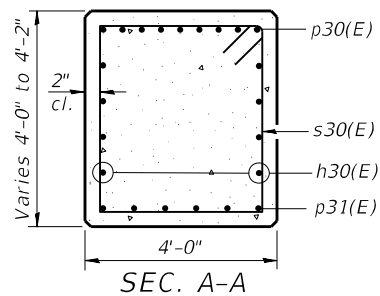
BARS

A & B DIMENSIONS

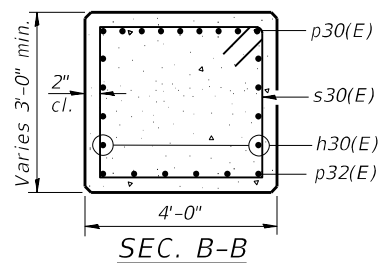
Bar	A	B
s31(E)	3'-8"	3'-2"
s32(E)	3'-8"	5'-2"



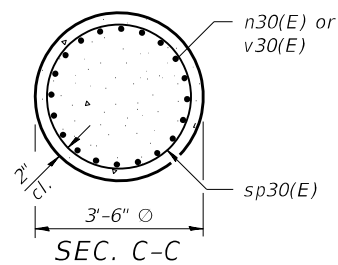
BAR u30(E)



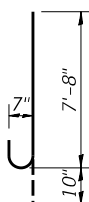
SEC. A-A



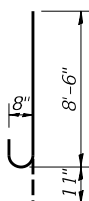
SEC. B-B



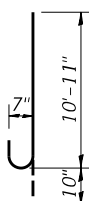
SEC. C-C



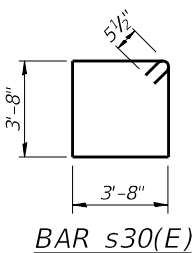
BAR n30(E)



BAR n31(E)



BAR v30(E)



BAR s30(E)

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CDLZ DLZ Illinois, Inc.
 8430 W. Bryn Mawr Ave.
 Suite 100
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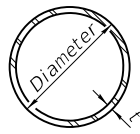
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PLOT DATE = 3/7/2022	DRAWN - JLM	REVISED -
	CHECKED - YD	REVISED -

**STATE OF ILLINOIS
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**PIER DETAILS - 2
 STRUCTURE NO. 006-0190**

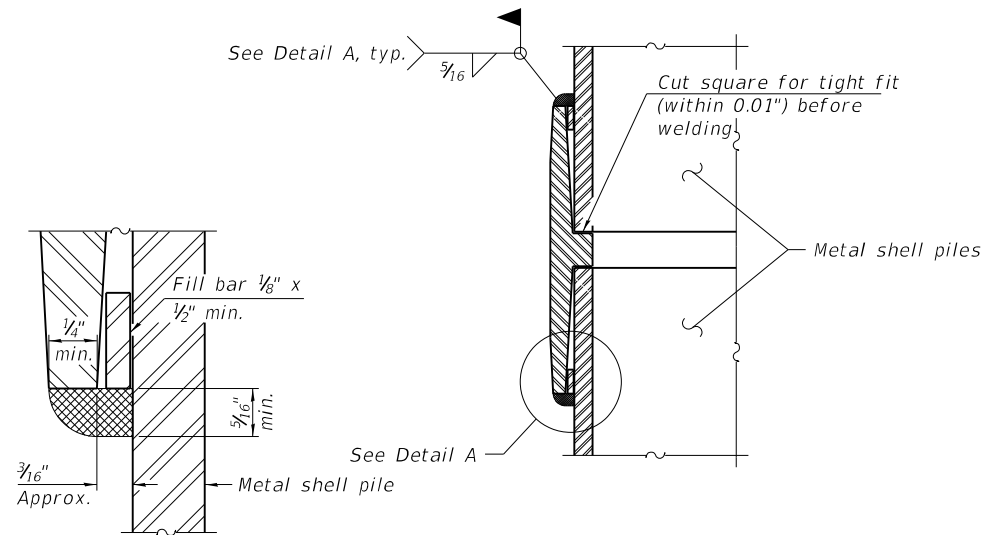
SHEET S-18 OF S-22 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(06-2HB)BR	BUREAU	202	91
CONTRACT NO. 66K73				
ILLINOIS		FED. AID PROJECT		

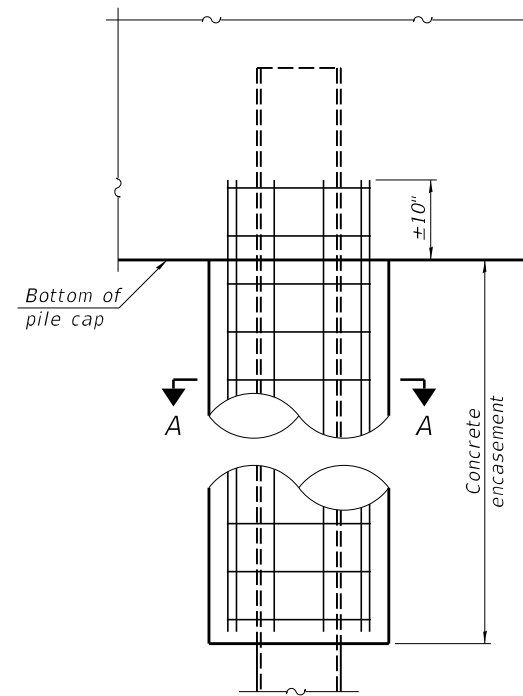


METAL SHELL PILE TABLE

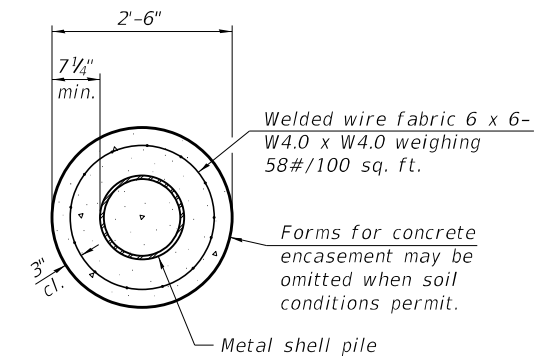
Designation and outside diameter	Wall thickness t	Weight per foot (Lbs./ft.)	Inside volume (yd. ³ /ft.)
PP12	0.250"	31.37	0.0267
PP14	0.250"	36.71	0.0368
PP14	0.312"	45.61	0.0361
PP16	0.312"	52.32	0.0478
PP16	0.375"	62.64	0.0470



DETAIL A

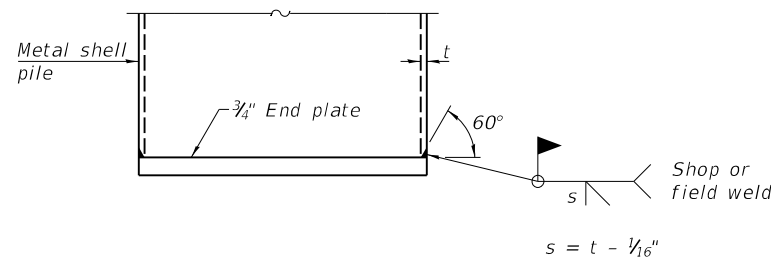


ELEVATION



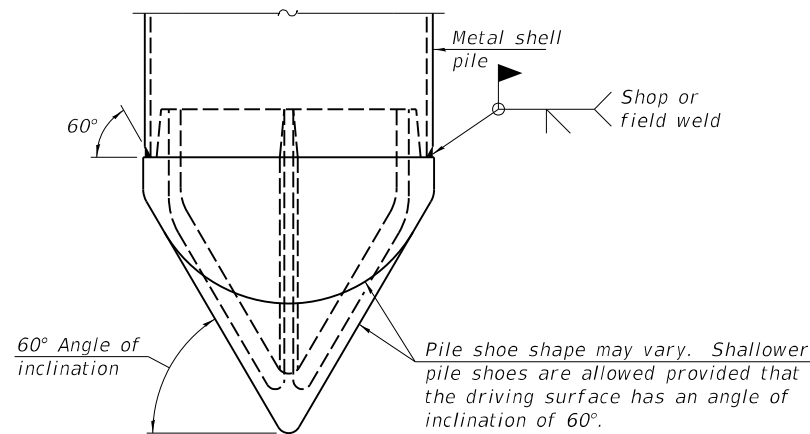
SECTION A-A

INDIVIDUAL PILE CONCRETE ENCASUREMENT
(When specified)



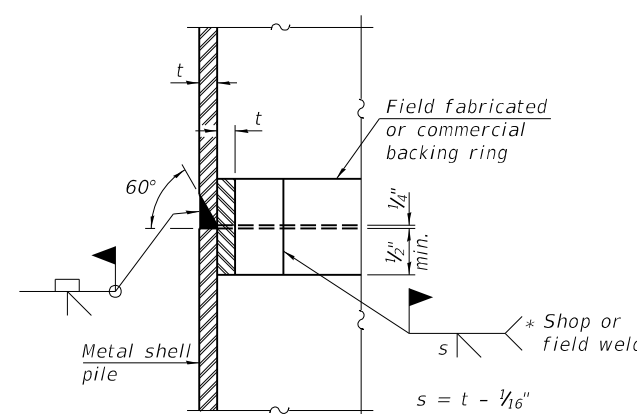
END PLATE ATTACHMENT

WELDED COMMERCIAL SPLICE
Notes:
The 1/8" x 1/2" min. fill bar may be constructed of 2 bars with a 1/8" max. gap between them.
Pile segments shall be driven to solid contact with splicer before welding.

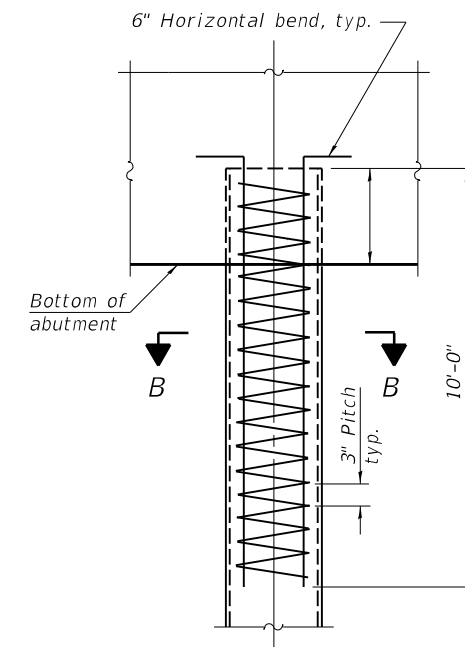


PILE SHOE ATTACHMENT

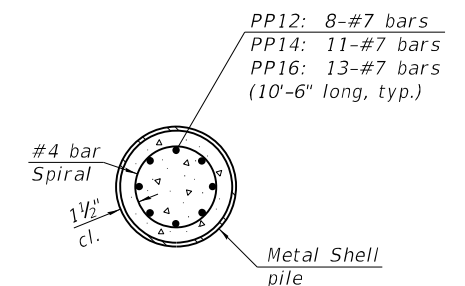
(When called for on the plans, the Contractor shall furnish metal shell pile shoes consisting of a single piece conical pile point as shown. The pile shoes shall be cast in one piece steel according to either ASTM A 148 Grade 80-50 or AASHTO M 103 Grade 65-35 and shall provide full bearing over the full circumference of the metal shell pile. The pile shoe shall have tapered leads to assure proper alignment and fitting and shall be secured to the pile with a circumferential weld).



COMPLETE PENETRATION WELD SPLICE
* Field fabricated backing ring may be made from pile shell by removing segment to allow reducing circumference and vertically rejoin with partial joint penetration weld.



ELEVATION



SECTION B-B

REINFORCEMENT AT ABUTMENTS
(Omit when concrete encasement is specified)

Note:
The metal shell piles shall be according to Article 1006.05 of the Standard Specifications.

MODEL: Default; FILE NAME: X:\Projects\2021\21821217700 IDOT PTB 199-22 D3\WO#264102 Discipline Files\02 Bridge - 190\02 Pre-Final\Sheets\0060190-66K73-020_Pile_Details.dgn

F-MS 1-1-2020



USER NAME =	DESIGNED - YD	REVISED -
PLOT SCALE =	CHECKED - WAT	REVISED -
PLOT DATE = 3/7/2022	DRAWN - JLM	REVISED -
	CHECKED - YD	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**METAL SHELL PILE DETAILS
STRUCTURE NO. 006-0190**

SHEET S-19 OF S-22 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(06-2HB)BR	BUREAU	202	92
CONTRACT NO. 66K73				
ILLINOIS FED. AID PROJECT				



SOIL BORING LOG

Date 8/5/20

ROUTE I-80 & TR 82-C DESCRIPTION TR 82-C over I-80, 2.5 miles West of IL 40 LOGGED BY Larry Myers

SECTION 06-2-HB LOCATION SE 1/4, SEC. 7, TWP. 16N, RNG. 7E, 4th PM.

Latitude 41.38725, Longitude -89.7333

COUNTY Bureau DRILLING METHOD Hollow Stem Auger HAMMER TYPE CME Automatic

STRUCT. NO. 006-0117 (Exst.)
Station 342+38.40 (Exst.)

BORING NO. 01 (S.E. Quad.)
Station 342+46
Offset 129.0 ft Rt.
Ground Surface Elev. 701.45 ft

DEPTH (ft)	DIAMETER (in)	SOIL TYPE	MOISTURE (%)	UNCONSOLIDATED STRENGTH (tsf)
------------	---------------	-----------	--------------	-------------------------------

DEPTH (ft)	DIAMETER (in)	SOIL TYPE	MOISTURE (%)	UNCONSOLIDATED STRENGTH (tsf)
0		Augered Oil / Chip Rcad, Brown Sand & Gravel Fill		
5	2.5	Very Stiff Light Brown Silty Clay Loam Till with Silt Seams & Pockets (continued)		15
4	P			
679.45				
4		Hard Very Stiff & Light Brown Silty Clay Loam Till with Sand Layers & Silt Seams		17
3	2.5			12
4	P			
-5				
2				
3	2.0			16
2	P			
693.95				
3		Hard Black & Gray Silty Clay Loam Fill & Gray Silty Clay Loam Till Fill		20
5	4.0			
8	P			
-10				
4				
5	4.0			15
8	P			
5				
4	3.5			23
7	P			
686.45				
3		Very Stiff Light Brown Silty Clay Loam Till with Silt Seams & Pockets		15
3	2.0			
3	P			
4				
3	2.0			15
5	P			
-20				

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)
The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206)

BBS, form 137 (Rev. 8-99)

G21.020 - WO3 SN 600-0190 Bridge Installation

Notes:
The boring SB-01 is at Sta. 20+42.68 Offset 2.63 RT. of TR 82-C (645 E. ST.)



SOIL BORING LOG

Date 8/5/20

ROUTE I-80 & TR 82-C DESCRIPTION TR 82-C over I-80, 2.5 miles West of IL 40 LOGGED BY Larry Myers

SECTION 06-2-HB LOCATION SE 1/4, SEC. 7, TWP. 16N, RNG. 7E, 4th PM.

Latitude 41.38725, Longitude -89.7333

COUNTY Bureau DRILLING METHOD Hollow Stem Auger HAMMER TYPE CME Automatic

STRUCT. NO. 006-0117 (Exst.)
Station 342+38.40 (Exst.)

BORING NO. 01 (S.E. Quad.)
Station 342+46
Offset 129.0 ft Rt.
Ground Surface Elev. 701.45 ft

DEPTH (ft)	DIAMETER (in)	SOIL TYPE	MOISTURE (%)	UNCONSOLIDATED STRENGTH (tsf)
------------	---------------	-----------	--------------	-------------------------------

DEPTH (ft)	DIAMETER (in)	SOIL TYPE	MOISTURE (%)	UNCONSOLIDATED STRENGTH (tsf)
4		Hard Purplish Gray Silty Clay Loam Till with Loam Layers at 36.0 to 42.0 Ft. - Till Very Uniform & Consistent (continued)		12
4				
7				
639.95				
5				
9	4.3			11
8	B			
-45				
5				
7	4.7			12
9	S			
5				
7	4.7			12
9	S			
-50				
3				
4	3.4			12
5	B			
5				
7	4.7			13
8	S			
-55				
5				
7	4.7			11
9	S			
6				
7	4.7			12
10	S			
-60				

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)
The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206)

BBS, form 137 (Rev. 8-99)

G21.020 - WO3 SN 600-0190 Bridge Installation

MODEL: Default
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USER NAME =	DESIGNED - YD	REVISED -
CHECKED - WAT	REVISED -	
PLOT SCALE =	DRAWN - JLM	REVISED -
PLOT DATE = 3/7/2022	CHECKED - YD	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SOIL BORING LOGS - 1
STRUCTURE NO. 006-0190

SHEET S-20 OF S-22 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(06-2HB)BR	BUREAU	202	93
CONTRACT NO. 66K73				
ILLINOIS		FED. AID PROJECT		



SOIL BORING LOG

Date 8/12/20

ROUTE I-80 & TR 82-C DESCRIPTION TR 82-C over I-80, 2.5 miles West of IL 40 LOGGED BY Larry Myers

SECTION 06-2-HB LOCATION SE 1/4, SEC. 7, TWP. 16N, RNG. 7E, 4th PM

Latitude 41.38756, Longitude -89.73324

COUNTY Bureau DRILLING METHOD Hollow Stem Auger HAMMER TYPE CME Automatic

STRUCT. NO. 006-0117 (Exist.)
Station 342+38.40 (Exist.)

BORING NO. 03 (Center Pier)
Station 342+59
Offset 16.0 ft Rt.
Ground Surface Elev. 686.83 ft

DEPTH (ft)	SOIL DESCRIPTION	DEPTH (ft)	U	M	DEPTH (ft)	U	M
0	Augered Black & Brown Silty Clay Loam Till Fill	0			0		
3		3			3		
3	Stiff to Very Stiff Light Brown Silty Clay Loam Till	4	3.1	12	4	3.1	12
3		5	B		5	B	
-5		-25			-25		
4		3			3		
5		4	3.7	12	4	3.7	12
8		6	B		6	B	
679.33							
5	Very Stiff to Hard Purplish Gray Silty Clay Loam Till - Monolithic, Very Consistent	3			3		
6		5	3.7	12	5	3.7	12
6		6	B		6	B	
-10		-30			-30		
3		4			4		
4		5	3.7	12	5	3.7	12
5		6	B		6	B	
3		4			4		
4		5	3.9	12	5	3.9	12
5		6	B		6	B	
-15		-35			-35		
3		4			4		
5		5	3.9	13	5	3.9	13
5		7	B		7	B	
3		4			4		
3		5	3.9	13	5	3.9	13
5		7	B		7	B	
-20		-40			-40		

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)
The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206)

BBS, form 137 (Rev. 8-99)

G21.020 - WO3 SN 600-0190 Bridge Installation

Notes:

The boring SB-03 is at Sta. 19+31.06 Offset 19.25 LT. of TR 82-C (645 E. ST.)



SOIL BORING LOG

Date 8/12/20

ROUTE I-80 & TR 82-C DESCRIPTION TR 82-C over I-80, 2.5 miles West of IL 40 LOGGED BY Larry Myers

SECTION 06-2-HB LOCATION SE 1/4, SEC. 7, TWP. 16N, RNG. 7E, 4th PM

Latitude 41.38756, Longitude -89.73324

COUNTY Bureau DRILLING METHOD Hollow Stem Auger HAMMER TYPE CME Automatic

STRUCT. NO. 006-0117 (Exist.)
Station 342+38.40 (Exist.)

BORING NO. 03 (Center Pier)
Station 342+59
Offset 16.0 ft Rt.
Ground Surface Elev. 686.83 ft

DEPTH (ft)	SOIL DESCRIPTION	DEPTH (ft)	U	M	DEPTH (ft)	U	M
0	Augered Black & Brown Silty Clay Loam Till Fill	0			0		
3		3			3		
3	Stiff to Very Stiff Light Brown Silty Clay Loam Till	4	3.1	12	4	3.1	12
3		5	B		5	B	
-5		-25			-25		
4		3			3		
5		4	3.7	12	4	3.7	12
8		6	B		6	B	
625.33							
5	Very Stiff to Hard Purplish Gray Silty Clay Loam Till - Monolithic, Very Consistent	7			7		
6		9	5.0	11	9	5.0	11
6		14	S		14	S	
-10		-70			-70		
3		4			4		
4		5	3.7	12	5	3.7	12
5		6	B		6	B	
3		4			4		
4		5	3.7	12	5	3.7	12
5		6	B		6	B	
-15		-35			-35		
3		4			4		
5		5	3.9	13	5	3.9	13
5		7	B		7	B	
3		4			4		
3		5	3.9	13	5	3.9	13
5		7	B		7	B	
-20		-40			-40		

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)
The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206)

BBS, form 137 (Rev. 8-99)

G21.020 - WO3 SN 600-0190 Bridge Installation

MODEL: Default: X:\Projects\2021\21821217700 IDOT PTB 199-22 D3\WO#264102 Discipline Files\02 Bridge - 190\02 Pre-Final\Sheets\0060190-66K73-018_Soil_Boring_3.dgn



USER NAME =	DESIGNED - YD	REVISED -
CHECKED - WAT	REVISED -	
PLOT SCALE =	DRAWN - JLM	REVISED -
PLOT DATE = 3/7/2022	CHECKED - YD	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SOIL BORING LOGS - 3
STRUCTURE NO. 006-0190

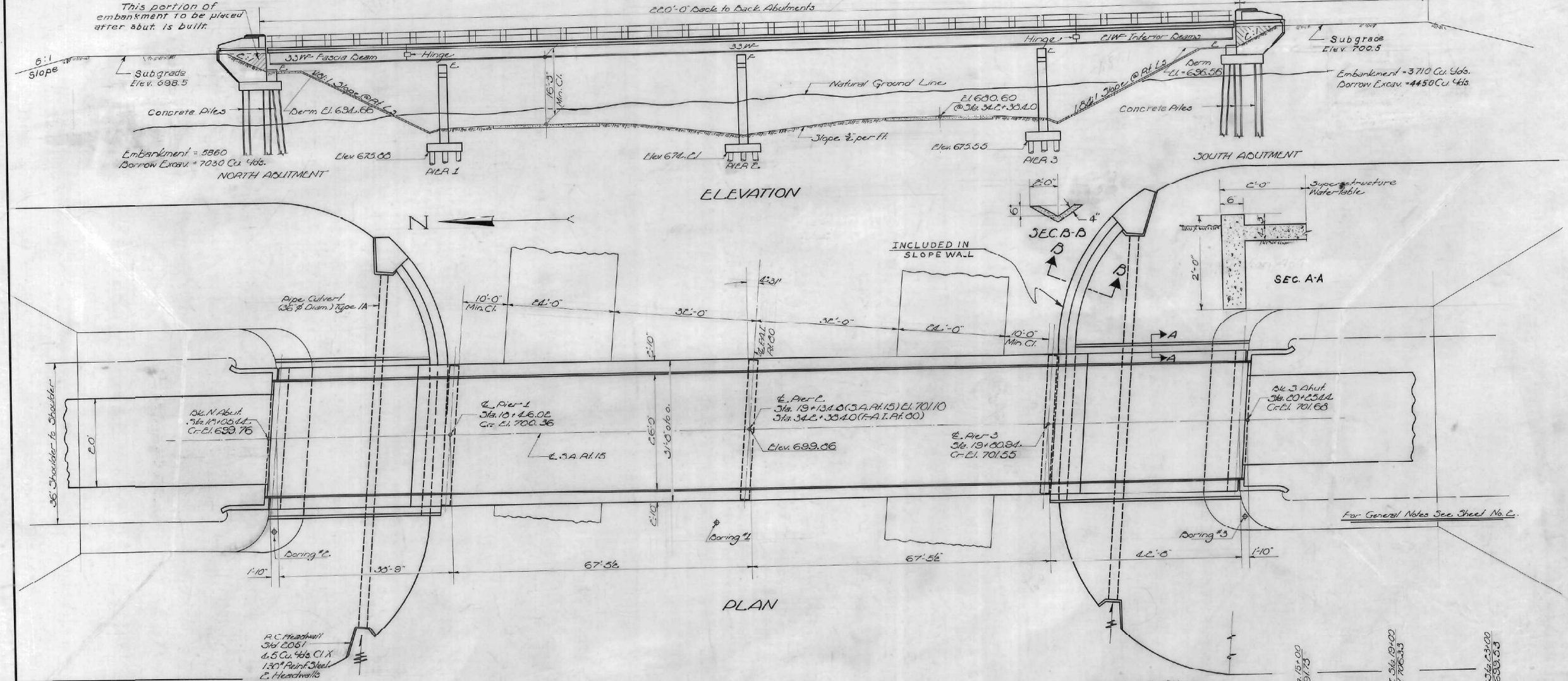
SHEET S-22 OF S-22 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(06-2HB)BR	BUREAU	202	95
CONTRACT NO. 66K73				
ILLINOIS FED. AID PROJECT				

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	SHEET NO. 1
80	06-2HB	Bureau	145	29	3 SHEETS
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT	I-80-1(49)A1		

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

D.M. top of Concrete P.O.M. Marker 37' RA
Sta. 21+77.5 Elev. 697.46 (I.S.G.S. Datum).
No Existing Structure.

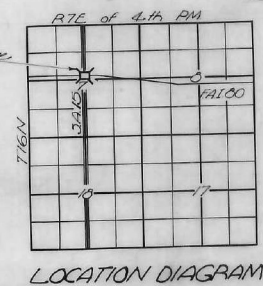


STATION 342+36.40
BUILT 196 BY
STATE OF ILLINOIS
F.A.I. RT. 80 ~ SEC. 06-2-HB
FA PROJ. I-80-1(49)
LOADING HIS-312
NAME PLATE
See 3rd C113

TOTAL BILL OF MATERIALS

ITEM	UNIT	SUPER	SUB	TOTAL
Class X Concrete	Cu. Yds.	197.9	195.8	393.7
Class X Concrete (Head walls)	Cu. Yds.			9.0
Reinforcement Bars†	Lbs.	31810	13000*	44810
Structural Steel	Lbs.	161890		161890
Metal Handrail	Lin. Ft.	436		436
Concrete Piles	Lin. Ft.		330	330
Test Piles (Concrete)	Each		One	One
Crossed Piles	Lin. Ft.		636	636
Test Piles (Crossed)	Each		One	One
Name Plates	Each			2
Slope Wall	Sq. Yds.		360	360
Class A Excavation for Structures	Cu. Yds.		314	314
Borrow Excavation	Cu. Yds.		11480	11480
Pipe Culvert, 36" Dia, Type 1A	Lin. Ft.		160	160
Protective Coat	Sq. Yds.	830		830

DESIGN STRESSES
F_c = 14,000 psi, Super-C-216
F_s = 20,000 psi, A501
F_s = 20,000 psi, 3/4" dia
v = 75 p.s.f. Flg.
n = 10
LOADING HIS-312-C-1



GENERAL PLAN & ELEVATION
F.A.I. RT. 80 ~ SEC. 06-2-HB
PROJ. I-80-1(49)A1
BUREAU COUNTY
STA. 342+36.40

DESIGNED	EXAMINED
CHECKED	PASSED
DRAWN	APPROVED
CHECKED	

1-28-23 with Rev. 20' Bridge. Change to 60' increase Emb. from 256 to 560 ft from 780 to 3716, Bal. Pile from 3030 to 7080 if from 780 to 4900 if total from 346 to 11480. Also try 21m at 7.0 cuts. 21 Stone Head. Reduced Chosen by 7.0 a.s.d.
New 500' AA with top wall. Pipe Cul. from Type 1 to Type 1A. Added Reinforcing Cast to 2511 of 10' diameter. Removed Handrail. Change of 23 Cu. Yds. in C13 Conc.
Design Stresses to from 12000 to 20000. Slope Grade from 33% to 36%. Changed 300' 36" from 14,140 to 14,320'. CHANGED REIN. BARS FROM 27380 to 31810 & FROM 43720 to 46,670

For Information Only

MODEL: Default
FILE NAME: X:\Projects\2021\2182121700 IDOT PTB 199-22 D3W0#264102 Discipline Files\02 Bridge - 190102 Pre-Final\Sheets\0060190-66K73-Existing_Plans.dgn

CDLZ DLZ Illinois, Inc.
8430 W. Bryn Mawr Ave.
Suite 100
Chicago, IL 60631-3440

USER NAME =	DESIGNED -	REVISED -
PLOT SCALE =	CHECKED -	REVISED -
PLOT DATE = 3/7/2022	DRAWN -	REVISED -
	CHECKED -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING PLANS
STRUCTURE NO. 006-0190
SHEET 1 OF 21 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(06-2HB)BR	BUREAU	202	96
CONTRACT NO. 66K73			ILLINOIS FED. AID PROJECT	

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

PROJECT NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	06-2HB	Bureau	145	30

8 SHEETS

Boring No. 1			Boring No. 1 Cont.		
Elevation	N	Qu	Elevation	N	Qu
Blows per Foot			Blows per Foot		
Boring located at Station 19+05, 21 Ft. Rt. Centerline.					
Surface of Ground. 683.6					
Soft yellow silty clay.					
681.0	3		661.0	24	1.02
680.0			660.0		
679.5			658.5	25	Lost
678.5	37		657.5	21	1.95
677.5			655.0		
677.0			653.5	22	1.68
675.0	7		652.5		
674.5			651.0	27	1.60
673.5	11	0.94	650.0		
672.5			648.5	44	1.52
670.0	21	0.94	647.0		
669.5			646.0	27	Lost
668.5	21	1.56	645.0		
667.5			641.0	29	2.58
666.0	26	Lost	640.0		
665.0					
663.5	24	1.02			
662.5					

Boring No. 2			Boring No. 2 Cont.		
Elevation	N	Qu	Elevation	N	Qu
Blows per Foot			Blows per Foot		
Boring located at Station 18+06, 21 Ft. Rt. Centerline.					
Surface of Ground. 680.9					
Medium yellow silty clay.					
678.0			656.0	20	1.80
676.0	3	0.57	655.0		
675.0			653.5	21	1.88
673.5	3	Lost	652.5		
672.5			651.0	28	Lost
672.0			650.0		
671.0	28	1.68	649.5		
670.0			648.5	32	2.33
669.0			647.5		
668.5	24	1.48	647.0		
667.5			646.0	16	0.86
667.0			645.0		
666.0	22	1.34	644.5		
665.0			643.5	21	1.48
664.5			642.5		
663.5	18	1.15	642.0		
662.5			641.0	30	2.04
661.0	19	Lost	640.0		
660.0					

Note: N = Blows per foot of penetration of sampling spoon. Hammer Weight = 350 Lbs. Drop = 12 inches.
Qu = Unconfined compressive strength in tons per square foot.

Boring No. 3			Boring No. 3 Cont.		
Elevation	N	Qu	Elevation	N	Qu
Blows per Foot			Blows per Foot		
Boring located at Station 20+24, 21 Ft. Rt. Centerline.					
Surface of Ground. 687.6					
Medium light brown silty clay.					
685.5			667.5	41	4.86
682.5	34		666.5		
681.5			665.0	51	2.78
680.0			664.0		
679.0	38		662.5		
678.5			661.5	36	Lost
677.5	64		660.0		
676.5			659.0	47	2.49
675.5			658.0		
675.0			657.5	33	3.76
674.0	40		656.5		
673.5			655.0	47	4.94
672.5	80		654.0		
671.5			653.5		
671.0			652.5	33	3.76
670.0	18	4.17	651.5		
669.0			650.5		
668.5			647.5	40	2.16
			646.5		

GENERAL NOTES
Class X Concrete shall be used throughout.
The concrete floor slab shall be finished in accordance with Article 511B of the Standard Specifications.
Reinforcing steel shall be furnished with welded wire fabric 6x6 mesh, #4 wires, weighing 50% per 100 sq. ft.
Rivets 3/8, open holes 3/8, unless noted.
Coarse aggregate to be used in and past must be free of chert, flint, limonite, lignite and soft sandstone.
All rollers, balsters, bearing plates, lead plates, and anchor bolts shall be lubricated and oil in accordance with Article 511B of the Standard Specifications and are included in quantity of Structural Steel. Cap 1/2" x 6x30 lbs.
Anchor bolts shall be set before setting diaphragms over supports.
All steel horizontal posts shall be vertical.
All Structural Steel shall conform to the A.S.T.M. Specifications Designation A36.
Except as otherwise provided, all structural steel shall receive one shop coat of red lead paint and two field coats of aluminum paint. See Articles 561 to 565 inclusive of the Standard Specifications.
Expansion joints are included in quantity of Structural Steel.
Estimated weight 730#.
All paint shall be furnished and applied by the Contractor.
The Contractor shall drive 2 test piles in permanent locations as directed by the Engineer before ordering remainder of piles: one concrete test pile @ N.A.S.U. and one oversized test pile @ Par. C.
Piles in North Abutment shall be driven in holes prepared through the embankment to the natural ground line in accordance with Article 603(c) of the Standard Specifications.
All reinforcement bars shall be lapped 20 diameters unless otherwise shown.
The exposed surfaces of the expansion guard shall be given two shop coats of red lead paint, the contact surfaces shall be given one coat of red lead paint. Anchor studs shall not be painted.

BORING DATA
FAI RT 80 SEC 06-2-HB
BUREAU COUNTY
STA. 342 + 38.40

For Information Only

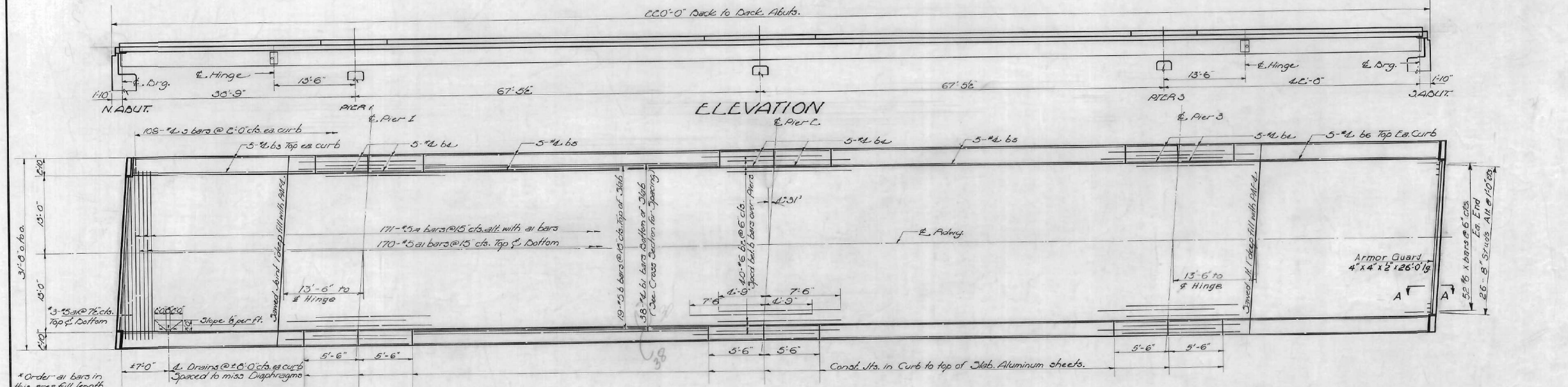
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CHECKED	<i>[Signature]</i>	PASSED	<i>[Signature]</i>
DRAWN	<i>[Signature]</i>	APPROVED	
CHECKED			

1-24-23 W.L.P. Revised Sign Notes. Removed Reinforced Concrete; Added Course App. Note, R-34 Note, App. Field Notes, & Final Sign Notes.

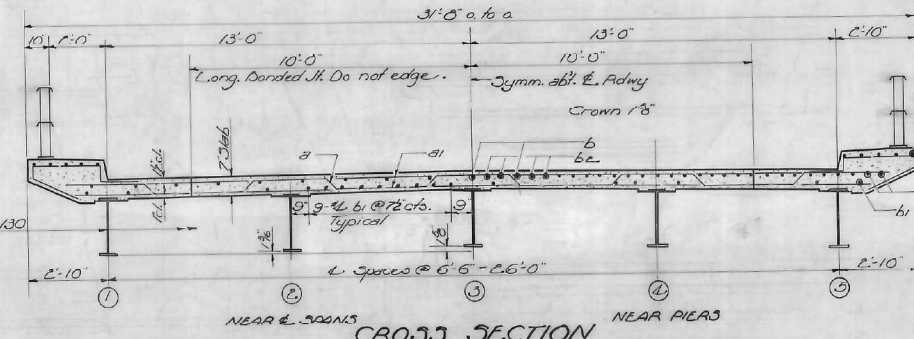
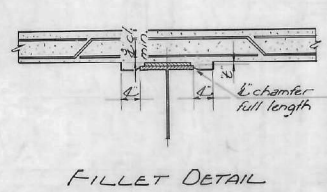
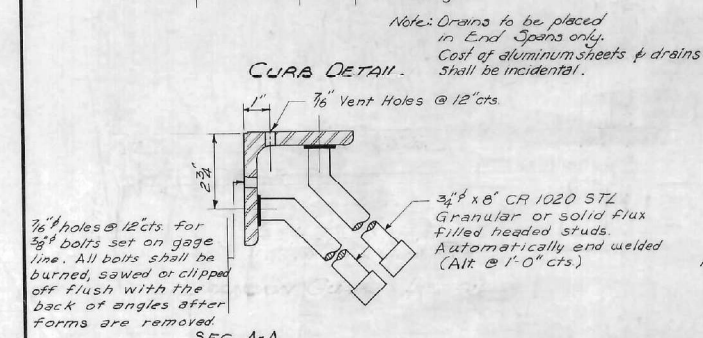
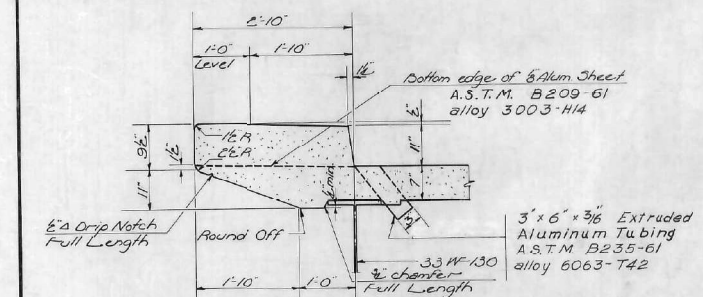
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STATE OF ILLINOIS
DEPARTMENT OF PUBLIC WORKS & BUILDINGS
DIVISION OF HIGHWAYS

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	06-2HB	Bureau	145	31
SHEET NO. 3 8 SHEETS				



* Order all bars in this area full length. Cut to fit skew and use remainder in opposite end.



METHOD OF DETERMINING FILLER HEIGHTS 'E'
After all Structural Steel has been erected, elevations of the top flanges of the beams shall be taken at intervals not to exceed 10 FT. From these elevations subtract the increment of deflection for these points determined from the Dead Load Deflection Diagram. The elevations so obtained subtracted from the theoretical grade elevations, minus floor thickness, equals the filler heights above top of beam.

BILL OF MATERIALS

Bar	No.	Size	Length	Shape
a	171	#5	30'-8"	---
a1	346	#5	29'-5"	---
b	133	#5	32'-0"	---
b1	342	#6	28'-9"	---
b2	120	#6	12'-3"	---
b3	20	#4	17'-9"	---
b4	60	#4	5'-3"	---
b5	40	#4	20'-9"	---
b6	20	#4	19'-0"	---
c	110	#4	7'-2"	---
x	104	#6	5'-0"	---
Class X Concrete		Cu 546.	135.8	
Reinforcement Bars		Lbs.	31,620	
Structural Steel		Lbs.	161,890	

DESIGNED	<i>[Signature]</i>	EXAMINED	19
CHECKED	<i>[Signature]</i>	PASSED	<i>[Signature]</i>
DRAWN	<i>[Signature]</i>	APPROVED	<i>[Signature]</i>
CHECKED	<i>[Signature]</i>		

Table of Elevations (along skew) of Top of Slab

Station	DL N.A.R. Org. Ht.	E. Hinge	E. Pier 1	E. Pier 2	E. Pier 3	E. Hinge	E. Org.
Sta. 1	699.64	699.67	699.83	700.07	700.14	700.33	700.46
Sta. 2	699.73	699.76	699.92	700.17	700.24	700.43	700.56
Sta. 3	699.76	699.79	699.95	700.20	700.27	700.46	700.59
Sta. 4	699.77	699.80	699.96	700.21	700.28	700.47	700.60
Sta. 5	699.61	699.64	699.80	700.04	700.11	700.30	700.43

1-28-23 W.R. Revised by Bars from 12" to 10" spacing. Located about 2' from E. Hinge. Added Bars to 10" spacing. Add 72 b, Bars to Bill of Material of 109 #4 X Bars to Piers. Increased Reinf. Bars from 29 #4 to 31 #4 at Sta. 51 from 161 #4 to 164 #4.

For Information Only

SUPERSTRUCTURE
F.A.I. R.T. 80 ~ Sec. 06-E-HB
BUREAU COUNTY
STA. 342+384.0

MODEL: Default
FILE NAME: X:\Projects\2021\2182127700 IDOT PTB 199-22 D3W0#264102 Discipline: Files\02 Bridge - 19002 Pre-Final\Sheets\0060190-66K73-Existing_Plans.dgn

DLZ Illinois, Inc.
8450 W. Bryn Mawr Ave.
Suite 100
Chicago, IL 60631-3440

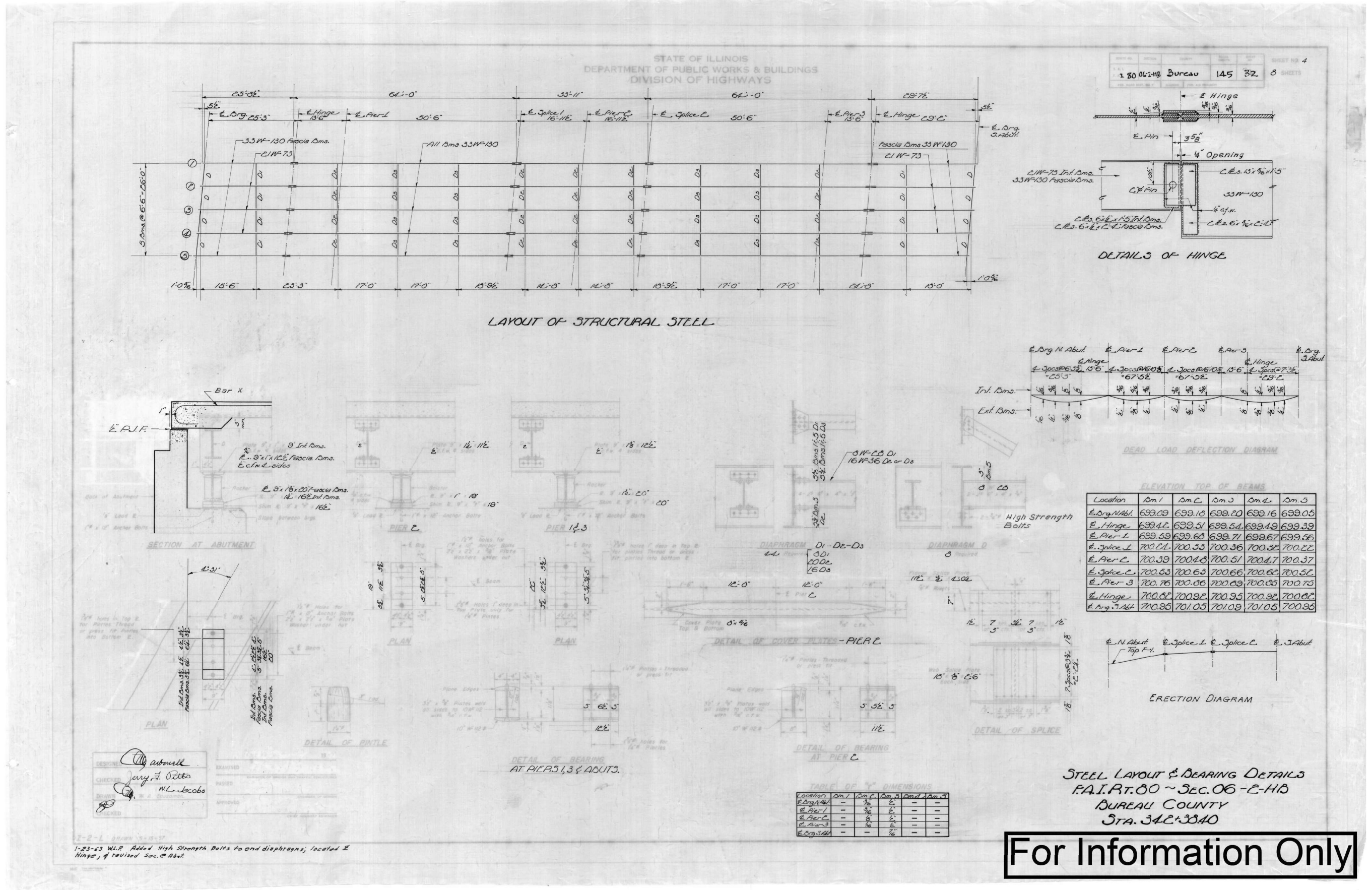
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PLOT SCALE =	CHECKED -	REVISED -
PLOT DATE = 3/7/2022	DRAWN -	REVISED -
	CHECKED -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING PLANS
STRUCTURE NO. 006-0190
SHEET 3 OF 21 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(06-2HB)BR	BUREAU	202	98
CONTRACT NO. 66K73				
ILLINOIS FED. AID PROJECT				

MODEL: Default
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For Information Only

DESIGNED -	DESIGNED -	DESIGNED -
CHECKED -	CHECKED -	CHECKED -
DRAWN -	DRAWN -	DRAWN -
APPROVED -	APPROVED -	APPROVED -

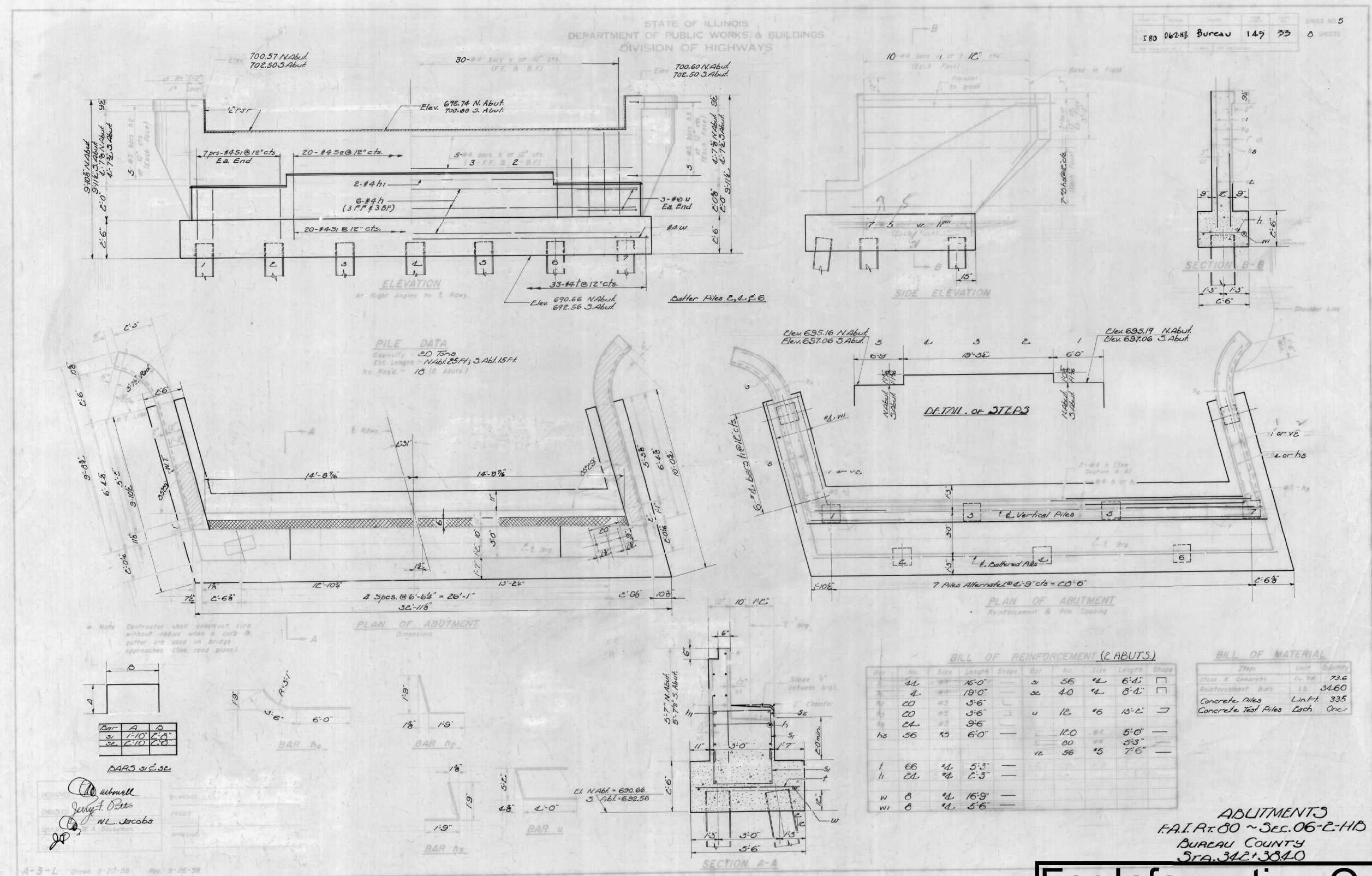
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

EXISTING PLANS
 STRUCTURE NO. 006-0190

SHEET 4 OF 21 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(06-2HB)BR	BUREAU	202	99
CONTRACT NO. 66K73				
ILLINOIS FED. AID PROJECT				

MODEL: Default
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For Information Only

USER NAME =	DESIGNED -	REVISED -
CHECKED -	CHECKED -	REVISED -
PLOT SCALE =	DRAWN -	REVISED -
PLOT DATE = 3/7/2022	CHECKED -	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

EXISTING PLANS
 STRUCTURE NO. 006-0190
 SHEET 5 OF 21 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(06-2HB)BR	BUREAU	202	100
CONTRACT NO. 66K73				
ILLINOIS FED. AID PROJECT				