

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(06-3B)BR	BUREAU	71	1
		ILLINOIS	CONTRACT NO. 66J01	

INDEX OF SHEETS

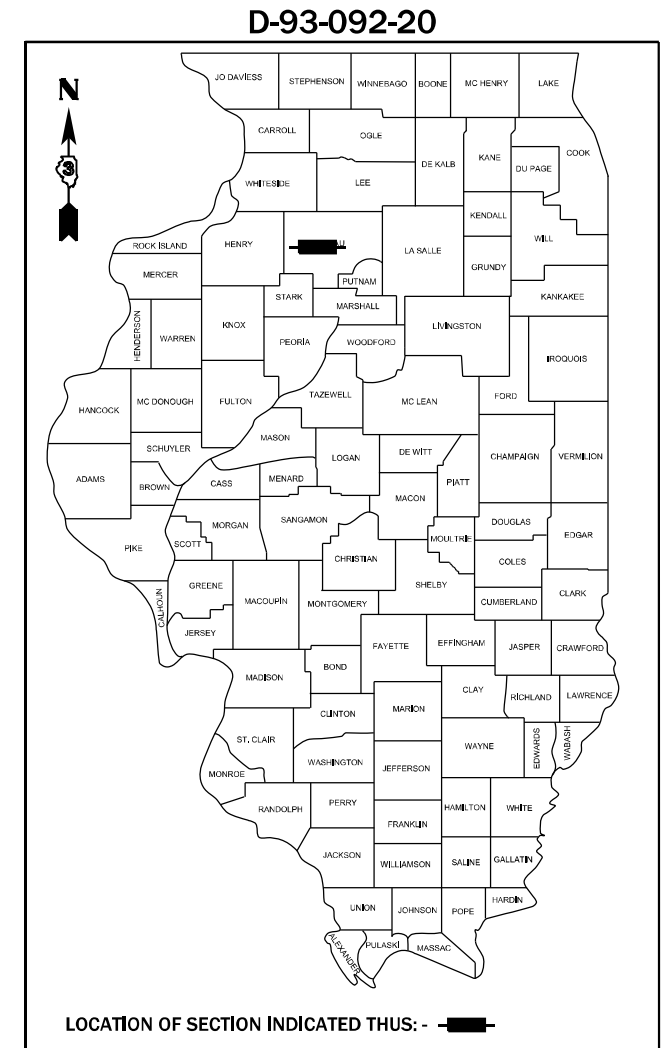
- 1 COVER SHEET
- 2 INDEX, HIGHWAY STANDARDS & GENERAL NOTES
- 3 - 8 SUMMARY OF QUANTITIES
- 9 - 11 TYPICALS
- 12 - 14 SCHEDULES OF QUANTITIES
- 15 ALIGNMENT, TIES, AND BENCHMARKS
- 16 REMOVAL PLAN
- 17 ROADWAY PLAN
- 18 PROFILE
- 19 EROSION CONTROL
- 20 - 25 SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL
- 26 - 27 PAVEMENT MARKINGS PLAN
- 28 LANDSCAPING PLAN
- 29 - 56 S.N. 006-0014/0015 PLANS
- 57 - 58 DETAILS
- 59 - 71 CROSS SECTIONS

FOR LIST OF HIGHWAY STANDARDS, SEE SHEET NO. 2

**PROPOSED
HIGHWAY PLANS**

**F.A.I. ROUTE 80 (I-80)
SECTION (06-3B)BR
PROJECT NO. NHPP-X974(307)
BRIDGE RECONSTRUCTION
BUREAU COUNTY**

C-93-126-20



TRAFFIC DATA:

**INTERSTATE 80
S.N. 006-0014/0015 2019 ADT = 19,600
DESIGN CLASSIFICATION = INTERSTATE
DESIGN SPEED = 75 MPH (ASSUMED)
POSTED SPEED = 70 MPH**

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUBMITTED August 12, 20 21

[Signature]
REGIONAL ENGINEER

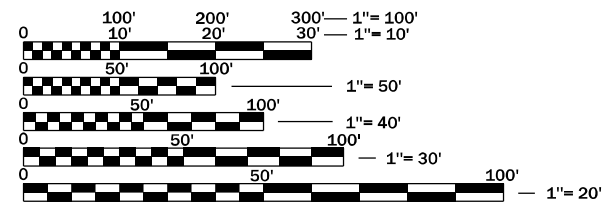
October 1, 20 21

[Signature]
ENGINEER OF DESIGN AND ENVIRONMENT

October 1, 20 21

[Signature]
DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

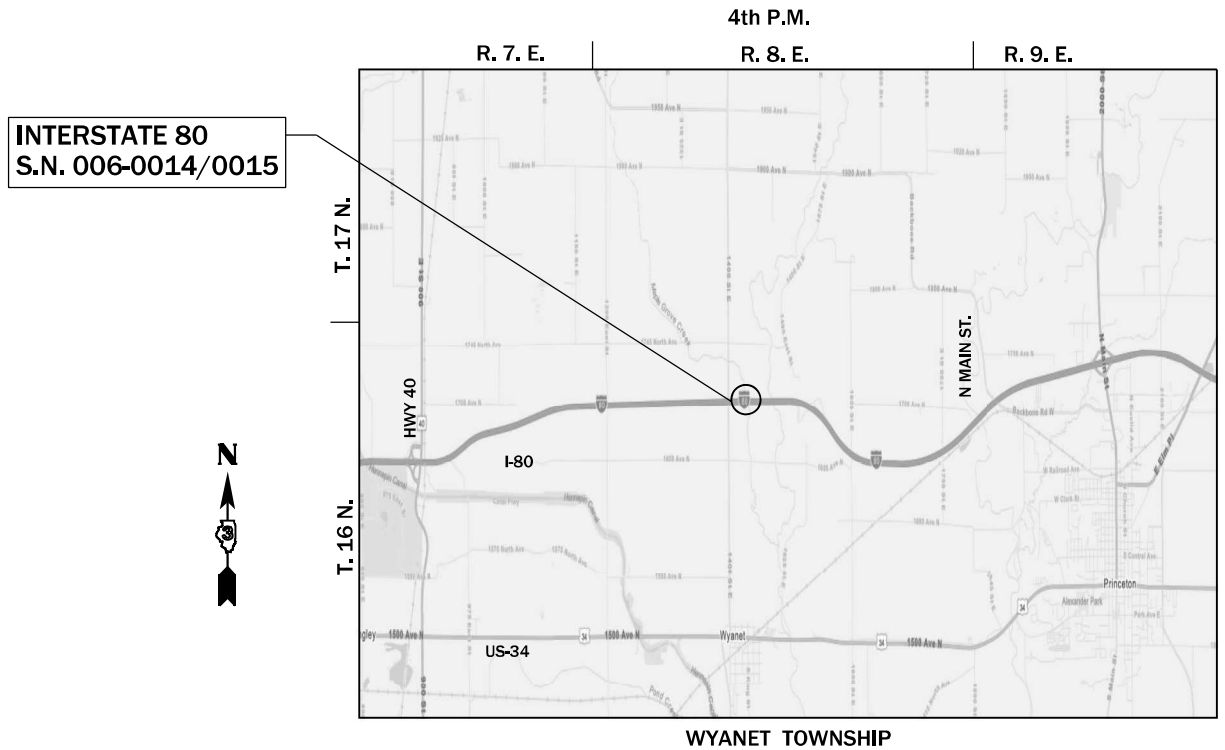
**PRINTED BY THE AUTHORITY
OF THE STATE OF ILLINOIS**



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

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

**PROJECT ENGINEER: BRAD DUNCAN, PE
UNIT CHIEF: DARCY CARPENTER
DISTRICT 3 NO. (815) 434-6131
CONTRACT NO. 66J01**



LOCATION MAP
NOT TO SCALE

GROSS LENGTH = 875 FT. = 0.17 MILES
NET LENGTH = 875 FT. = 0.17 MILES

HIGHWAY STANDARDS

- 000001-08 STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
- 001006 DECIMAL OF AN INCH AND OF A FOOT
- 280001-07 TEMPORARY EROSION CONTROL SYSTEMS
- 420406 PAVEMENT CONNECTOR (HMA) FOR BRIDGE APPROACH SLAB
- 482001-02 HMA SHOULDER ADJACENT TO FLEXIBLE PAVEMENT
- 515001-04 NAME PLATES FOR BRIDGES
- 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
- 642001-02 SHOULDER RUMBLE STRIPS, 16 in.
- 701400-10 APPROACH TO LANE CLOSURE, FREEWAY/EXPRESSWAY
- 701402-12 LANE CLOSURE, FREEWAY/EXPRESSWAY, WITH BARRIER
- 701406-12 LANE CLOSURE, FREEWAY/EXPRESSWAY, DAY OPERATIONS ONLY
- 701426-09 LANE CLOSURE, MULTILANE, INTERMITTENT OR MOVING OPER., FOR SPEEDS =>45 MPH
- 701428-01 TRAFFIC CONTROL SETUP AND REMOVAL 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

DISTRICT STANDARDS

- 406-8 HMA DETAIL AT BUTT JOINTS
- 440-1 REMOVAL OF EXISTING HMA SHOULDER
- 701-3 TRAFFIC CONTROL DETAIL FOR TEMPORARY CONCRETE BARRIER
- 701-10 STANDARD 701400 (SPECIAL)
- 780-12 RAMP PAVEMENT MARKING
- 780-17 LARGE MERGE ARROWS 41.5 SQ. FT.

GENERAL NOTES

EXCEPT AS NOTED ON THE PLANS, PAVEMENT GRADES SHOWN ARE AT THE TOP OF PAVEMENT SURFACES.

SEEDING WILL NOT BE PERMITTED AT ANY TIME WHEN THE GROUND IS FROZEN, WET, OR IN AN UNTILLABLE CONDITION. LOCATIONS TO BE SEEDED WILL BE DETERMINED BY THE ENGINEER.

ONLY THOSE TREES DESIGNATED BY THE ENGINEER OR LISTED IN THE TREE REMOVAL SCHEDULE SHALL BE REMOVED. THE CONTRACTOR SHALL PROTECT ALL REMAINING TREES FROM DAMAGE DUE TO HIS OPERATIONS.

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

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

SHORT TERM PAVEMENT MARKING SHALL BE USED TO OUTLINE EXIT AND ENTRANCE RAMP FOR THE PRIME COAT APPLICATION AND EACH RESURFACING LIFT.

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

ABANDONED UNDERGROUND UTILITIES THAT CONFLICT WITH CONSTRUCTION SHALL BE DISPOSED OF OUTSIDE THE LIMITS OF THE RIGHT OF WAY ACCORDING TO ARTICLE 202.03 OF THE STANDARD SPECIFICATIONS AND AS DIRECTED BY THE ENGINEER. THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT WILL BE INCLUDED IN THE COST OF EARTH EXCAVATION.

ANY REFERENCE TO A STANDARD IN THESE PLANS SHALL BE INTERPRETED TO MEAN THE EDITION AS INDICATED BY THE SUBNUMBER SHOWN IN THE LIST OF STANDARDS OR THE COPY INCLUDED IN THESE PLANS.

ALL DAMAGE TO DEPARTMENT OWNED UNDERGROUND FACILITIES, CAUSED BY THE CONTRACTOR SHALL BE REPAIRED TO THE SATISFACTION OF THE DEPARTMENT AT THE CONTRACTOR'S EXPENSE. THIS SHALL INCLUDE ALL TEMPORARY REPAIRS REQUIRED TO KEEP THE FACILITY OPERATIONAL WHILE MATERIAL IS BEING OBTAINED TO MAKE PERMANENT REPAIRS. SPLICING OF ELECTRIC CABLE WILL NOT BE ALLOWED. ELECTRIC CABLE SHALL BE REPLACED FROM POLE TO POLE OR CONTROLLER.

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

BEFORE BEGINNING ANY WORK, THE CONTRACTOR SHALL RETAIN AND RECORD FOR FUTURE REFERENCE, ALL EXISTING PAVEMENT MARKING LINES (AND RAISED REFLECTIVE PAVEMENT MARKERS) THAT CONFLICT WITH HIGHWAY STANDARDS 701400 AND 701401, IN ORDER THAT THESE LOCATIONS CAN BE RE-ESTABLISHED FOR PROPOSED STRIPING AT THE COMPLETION OF THIS CONTRACT. EXACT LOCATIONS OF ALL PROPOSED PAVEMENT MARKINGS SHALL BE DIRECTED BY THE RESIDENT ENGINEER.

COMMITMENTS

TREES OR SAPLINGS GREATER THAN 3 INCHES IN DIAMETER AT BREAST HEIGHT SHALL NOT BE REMOVED FROM APRIL 1 TO SEPTEMBER 30.

SILT FENCE SHALL BE PLACED PRIOR TO CONSTRUCTION FROM STA. 765+50 TO STA. 764+75 (LT) AND FROM STA. 766+00 TO STA. 769+00 (RT) TO PROTECT WETLAND SITES AT OFFSETS LOCATED ON PLAN SHEETS.

HOT- MIX ASPHALT MIXTURE REQUIREMENT TABLE				
LOCATIONS:	ENTIRE PROJECT	ENTIRE PROJECT	ENTIRE PROJECT	ENTIRE PROJECT
MIXTURE USE(S):	HMA BINDER	HMA SURFACE	HMA SHOULDER BINDER	HMA SHOULDER SURFACE
BINDER GRADE (PG):	SBS PG70-28	SBS PG70-28	PG64-22	PG64-22
DESIGN AIR VOIDS:	4.0%@N90	4.0%@N90	4.0%@N70	4.0%@N70
MIXTURE COMPOSITION: (MIXTURE GRADATION)	IL 19.0	IL 9.5	IL 19.0	IL 9.5
FRICTION AGGREGATE:		MIXTURE E		MIXTURE D
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

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

AGGREGATE SHOULDERS	2.05 TONS/CU YD
SEEDING, CLASS 2A	200 LB/ACRE
NITROGEN FERTILIZER NUTRIENT	90 LB/ACRE
PHOSPHORUS FERTILIZER NUTRIENT	90 LB/ACRE
POTASSIUM FERTILIZER NUTRIENT	90 LB/ACRE
GRANULAR MATERIAL	2.05 TONS/CU YD
AGGREGATE DITCH CHECKS	5 TONS AGG
HMA RESURFACING	112 LBS/ SQ YD/ IN

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DISTRICT THREE
AS BUILT INFORMATION

SUPERVISING CONSTRUCTION FIELD ENGINEER

RESIDENT ENGINEER / TECHNICIAN

START & END DATES
OF CONSTRUCTION:

INSPECTORS:

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DISTRICT THREE

PREPARED BY: _____
DISTRICT STUDIES & PLANS ENGINEER

DATE: _____

EXAMINED BY: _____
DISTRICT CONSTRUCTION ENGINEER

DISTRICT MATERIALS ENGINEER

DISTRICT OPERATIONS ENGINEER



USER NAME = 14nh	DESIGNED - NH	REVISED -
	DRAWN - NH	REVISED -
PLOT SCALE = 2.0000' / in.	CHECKED - ST	REVISED -
PLOT DATE = 8/4/2021	DATE - 8/2021	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.I. ROUTE 80 (I-80) OVER MAPLE GROVE CREEK
GENERAL NOTES

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(06-38)BR	BUREAU	71	2
				CONTRACT NO. 66J01
ILLINOIS FED. AID PROJECT				

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE	
				90% FED/10% STATE	90% FED/10% STATE
				SN 006-0014/0015	SN 006-0014/0015
				0005	0013
				ROADWAY	BRIDGE
20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	73	73	
20101000	TEMPORARY FENCE	FOOT	609	609	
20101400	NITROGEN FERTILIZER NUTRIENT	POUND	72	72	
20101500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	72	72	
20101600	POTASSIUM FERTILIZER NUTRIENT	POUND	72	72	
20200100	EARTH EXCAVATION	CU YD	502	502	
25000210	SEEDING, CLASS 2A	ACRE	0.8	0.8	
25100630	EROSION CONTROL BLANKET	SQ YD	3,871	3,871	
28000305	TEMPORARY DITCH CHECKS	FOOT	452	452	
28000400	PERIMETER EROSION BARRIER	FOOT	2,386	2,386	
28000500	INLET AND PIPE PROTECTION	EACH	1	1	
28100107	STONE RIPRAP, CLASS A4	SQ YD	370		370
28200200	FILTER FABRIC	SQ YD	370		370
30300112	AGGREGATE SUBGRADE IMPROVEMENT 12"	SQ YD	188	188	

* SPECIALTY ITEM



USER NAME = 14nho	DESIGNED - NH	REVISED -
	DRAWN - NH	REVISED -
PLOT SCALE = 2,000' / in.	CHECKED - ST	REVISED -
PLOT DATE = 8/4/2021	DATE - 8/2021	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**F.A.I. ROUTE 80 (I-80) OVER MAPLE GROVE CREEK
SUMMARY OF QUANTITIES**

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(06-3B)BR	BUREAU	71	3
			CONTRACT NO. 66101	
			ILLINOIS FED. AID PROJECT	

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE	
				90% FED/10% STATE	90% FED/10% STATE
				SN 006-0014/0015	SN 006-0014/0015
				0005	0013
				ROADWAY	BRIDGE
31102300	SUBBASE GRANULAR MATERIAL, TYPE C 6"	SQ YD	699	699	
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	4,391	4,391	
40603085	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70	TON	590	590	
40603240	POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N90	TON	307	307	
40604062	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N70	TON	191	191	
40604174	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "E", N90	TON	205	205	
42000080	PAVEMENT CONNECTOR (PCC) FOR BRIDGE APPROACH SLAB	SQ YD	176	176	
44000100	PAVEMENT REMOVAL	SQ YD	212	212	
44000164	HOT-MIX ASPHALT SURFACE REMOVAL, 3 3/4"	SQ YD	3,059	3,059	
44000173	HOT-MIX ASPHALT SURFACE REMOVAL, 6"	SQ YD	1,248	1,248	
44004250	PAVED SHOULDER REMOVAL	SQ YD	624	624	
48101500	AGGREGATE SHOULDERS, TYPE B 6"	SQ YD	302	302	
50101700	REMOVAL OF EXISTING SUPERSTRUCTURES NO. 1	EACH	1		1
50101800	REMOVAL OF EXISTING SUPERSTRUCTURES NO. 2	EACH	1		1

* SPECIALTY ITEM



USER NAME = 14nho	DESIGNED - NH	REVISED -
	DRAWN - NH	REVISED -
PLOT SCALE = 2,000' / in.	CHECKED - ST	REVISED -
PLOT DATE = 8/4/2021	DATE - 8/2021	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**F.A.I. ROUTE 80 (I-80) OVER MAPLE GROVE CREEK
SUMMARY OF QUANTITIES**

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(06-3B)BR	BUREAU	71	4
			CONTRACT NO. 66101	
ILLINOIS FED. AID PROJECT				

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE	
				90% FED/10% STATE	90% FED/10% STATE
				SN 006-0014/0015	SN 006-0014/0015
				0005	0013
				ROADWAY	BRIDGE
50102400	CONCRETE REMOVAL	CU YD	31.0		31.0
50104650	SLOPE WALL REMOVAL	SQ YD	70		70
50200100	STRUCTURE EXCAVATION	CU YD	234		234
50300225	CONCRETE STRUCTURES	CU YD	50.8		50.8
50300255	CONCRETE SUPERSTRUCTURE	CU YD	669.8		669.8
50300300	PROTECTIVE COAT	SQ YD	1,810		1,810
50301350	CONCRETE SUPERSTRUCTURE (APPROACH SLAB)	CU YD	238.0		238.0
50800205	REINFORCEMENT BARS, EPOXY COATED	POUND	329,540		329,540
50800515	BAR SPLICERS	EACH	1,146		1,146
51500100	NAME PLATES	EACH	2		2
52200020	TEMPORARY SOIL RETENTION SYSTEM	SQ FT	208		208
58600101	GRANULAR BACKFILL FOR STRUCTURES	CU YD	220		220
59000200	EPOXY CRACK INJECTION	FOOT	34		34
59100100	GEOCOMPOSITE WALL DRAIN	SQ YD	132		132

* SPECIALTY ITEM



USER NAME = 14nho	DESIGNED - NH	REVISED -
	DRAWN - NH	REVISED -
PLOT SCALE = 2,0000' / in.	CHECKED - ST	REVISED -
PLOT DATE = 8/4/2021	DATE - 8/2021	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**F.A.I. ROUTE 80 (I-80) OVER MAPLE GROVE CREEK
SUMMARY OF QUANTITIES**

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(06-3B)BR	BUREAU	71	5
			CONTRACT NO. 66101	
ILLINOIS FED. AID PROJECT				

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE	
				90% FED/10% STATE	90% FED/10% STATE
				SN 006-0014/0015	SN 006-0014/0015
				0005	0013
				ROADWAY	BRIDGE
59300100	CONTROLLED LOW-STRENGTH MATERIAL	CU YD	2		2
60108501	PIPE UNDERDRAINS, TYPE 3	FOOT	80	80	
* 63000001	STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS	FOOT	962.5	962.5	
* 63100045	TRAFFIC BARRIER TERMINAL, TYPE 2	EACH	2	2	
* 63100085	TRAFFIC BARRIER TERMINAL, TYPE 6	EACH	8	8	
* 63100167	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	EACH	6	6	
63200310	GUARDRAIL REMOVAL	FOOT	1,347	1,347	
63500310	REMOVE AND REINSTALL DELINEATORS	EACH	11	11	
64200116	SHOULDER RUMBLE STRIPS, 16 INCH	FOOT	4,577	4,577	
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	7	7	
67100100	MOBILIZATION	L SUM	1	1	
70106800	CHANGEABLE MESSAGE SIGN	CAL MO	1	1	
70300220	TEMPORARY PAVEMENT MARKING - LINE 4"	FOOT	16,810	16,810	
70400100	TEMPORARY CONCRETE BARRIER	FOOT	2412.5	2,412.5	

* SPECIALTY ITEM



USER NAME = 14nh	DESIGNED - NH	REVISED -
	DRAWN - NH	REVISED -
PLOT SCALE = 2.0000' / in.	CHECKED - ST	REVISED -
PLOT DATE = 8/4/2021	DATE - 8/2021	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**F.A.I. ROUTE 80 (I-80) OVER MAPLE GROVE CREEK
SUMMARY OF QUANTITIES**

SCALE: N.T.S. SHEET 4 OF 6 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(06-3B)BR	BUREAU	71	6
			CONTRACT NO. 66J01	
ILLINOIS FED. AID PROJECT				

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE	
				90% FED/10% STATE	90% FED/10% STATE
				SN 006-0014/0015	SN 006-0014/0015
				0005	0013
				ROADWAY	BRIDGE
70400200	RELOCATE TEMPORARY CONCRETE BARRIER	FOOT	1,875	1,875	
70600250	IMPACT ATTENUATORS, TEMPORARY (NON- REDIRECTIVE), TEST LEVEL 3	EACH	2	2	
70600350	IMPACT ATTENUATORS, RELOCATE (NON- REDIRECTIVE), TEST LEVEL 3	EACH	2	2	
* 72501000	TERMINAL MARKER - DIRECT APPLIED	EACH	6	6	
* 78008210	POLYUREA PAVEMENT MARKING TYPE I - LINE 4"	FOOT	12,264	12,264	
* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	156	156	
* 78200005	GUARDRAIL REFLECTORS, TYPE A	EACH	25	25	
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	156	156	
78300202	PAVEMENT MARKING REMOVAL - WATER BLASTING	SQ FT	4,702	4,702	
X0325201	SHOULDER RUMBLE STRIP REMOVAL	SQ YD	845	845	
X0326649	LINEAR DELINEATOR PANELS, 6 INCH	EACH	8	8	
X0327809	LINEAR DELINEATOR PANELS, 4 INCH	EACH	14	14	
X2700027	PREFORMED PLASTIC PAVEMENT MARKING, TYPE D - LINE 8", CONTRAST	FOOT	1,560	1,560	
X5030250	BRIDGE DECK GROOVING (LONGITUDINAL)	SQ YD	894		894

* SPECIALTY ITEM



USER NAME = 14nh	DESIGNED - NH	REVISED -
	DRAWN - NH	REVISED -
PLOT SCALE = 2.0000' / in.	CHECKED - ST	REVISED -
PLOT DATE = 8/4/2021	DATE - 8/2021	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**F.A.I. ROUTE 80 (I-80) OVER MAPLE GROVE CREEK
SUMMARY OF QUANTITIES**

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(06-38)BR	BUREAU	71	7
			CONTRACT NO. 66J01	
ILLINOIS FED. AID PROJECT				

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE	
				90% FED/10% STATE	90% FED/10% STATE
				SN 006-0014/0015	SN 006-0014/0015
				0005	0013
				ROADWAY	BRIDGE
X7010208	TRAFFIC CONTROL AND PROTECTION, STANDARD 701402 (SPECIAL)	EACH	2	2	
X7030005	TEMPORARY PAVEMENT MARKING REMOVAL	SQ FT	5,603	5,603	
* X7830070	GROOVING FOR RECESSED PAVEMENT MARKING 5"	FOOT	12,264	12,264	
* X7830074	GROOVING FOR RECESSED PAVEMENT MARKING 7"	FOOT	1,560	1,560	
Z0004552	APPROACH SLAB REMOVAL	SQ YD	212	212	
Z0012754	STRUCTURAL REPAIR OF CONCRETE (DEPTH EQUAL TO OR LESS THAN 5 INCHES)	SQ FT	30		30
Z0029090	DIAMOND GRINDING (BRIDGE SECTION)	SQ YD	1,370		1,370
Z0040530	PIPE UNDERDRAIN REMOVAL	FOOT	160	160	
Z0046304	PIPE UNDERDRAINS FOR STRUCTURES 4"	FOOT	262		262
Z0005216	HOT-MIX ASPHALT STABILIZATION 6" AT STEEL PLATE BEAM GUARD RAIL	SQ YD	551	551	
Z0033700	LONGITUDINAL JOINT SEALANT	FOOT	918	918	
Z0065700	SLOPE WALL REPAIR	SQ YD	1		1

* SPECIALTY ITEM



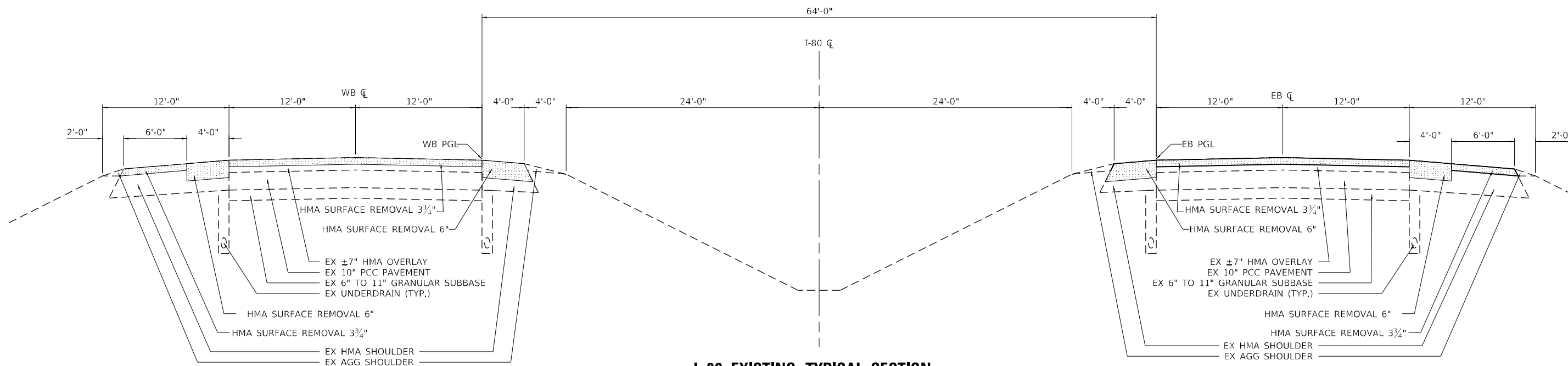
USER NAME = 14nho	DESIGNED - NH	REVISED -
	DRAWN - NH	REVISED -
PLOT SCALE = 2,0000' / in.	CHECKED - ST	REVISED -
PLOT DATE = 8/4/2021	DATE - 8/2021	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**F.A.I. ROUTE 80 (I-80) OVER MAPLE GROVE CREEK
SUMMARY OF QUANTITIES**

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(06-3B)BR	BUREAU	71	8
			CONTRACT NO. 66J01	
			ILLINOIS FED. AID PROJECT	



I-80 WESTBOUND
 STA. 761+25.00 TO STA. 762+29.42
 STA. 764+20.58 TO STA. 767+25.00

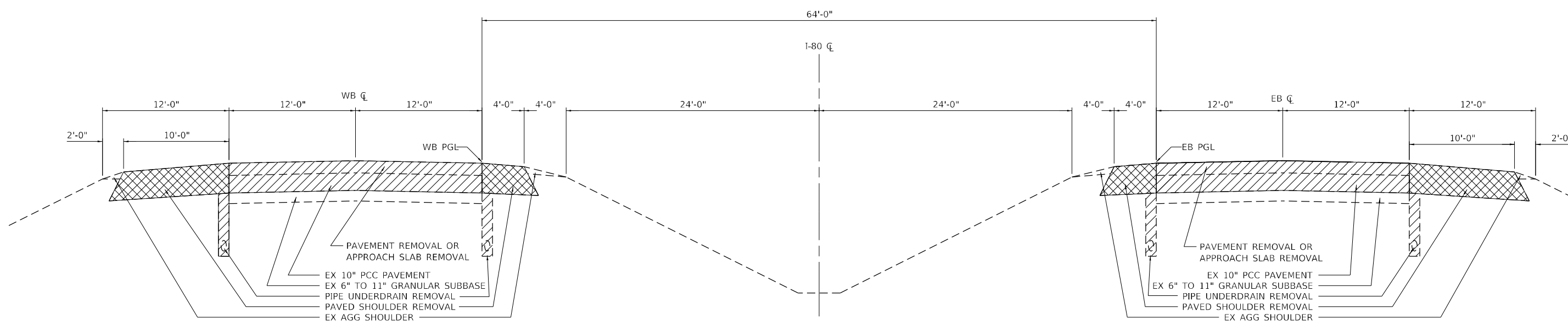
INSIDE WB SHOULDER HMA SURFACE REMOVAL 3 3/4"
 STARTS AT STA. 759+00.00, ENDS AT STA. 769+85.00

**I-80 EXISTING TYPICAL SECTION
 (LOOKING EAST)**

STA. 758+50.00 TO STA. 762+29.42
 STA. 764+20.58 TO STA. 767+25.00

I-80 EASTBOUND
 STA. 758+50.00 TO STA. 762+29.42
 STA. 764+20.58 TO STA. 765+50.00

INSIDE EB SHOULDER HMA SURFACE REMOVAL 3 3/4"
 STARTS AT STA. 755+90.00, ENDS AT STA. 767+75.00



WB HMA STABILIZATION AT GUARDRAIL REMOVAL
 PAID AS PAVED SHOULDER REMOVAL:
 STA. 763+95.58 TO STA. 766+42.79, LT
 STA. 763+90.19 TO STA. 767+04.41, RT

**I-80 EXISTING TYPICAL SECTION
 (LOOKING EAST)**

STA. 762+29.42 TO STA. 762+69.42
 STA. 764+80.58 TO STA. 764+20.58

SUPERSTRUCTURE REMOVAL STA. 762+69.42 TO STA. 764+80.58,
 SEE STRUCTURAL DRAWINGS

EB HMA STABILIZATION AT GUARDRAIL REMOVAL
 PAID AS PAVED SHOULDER REMOVAL:
 STA. 759+32.36 TO STA. 762+54.40, LT
 STA. 760+07.53 TO STA. 762+54.40, RT

MODEL: D:\p\proj\2021\19\68640_0\Project_Deliverables\3_Drawings\CAD_Sheet\DWG\1-181-typical-001.dwg
 FILE NAME: P:\T\comp\2021\19\68640_0\Project_Deliverables\3_Drawings\CAD_Sheet\DWG\1-181-typical-001.dwg



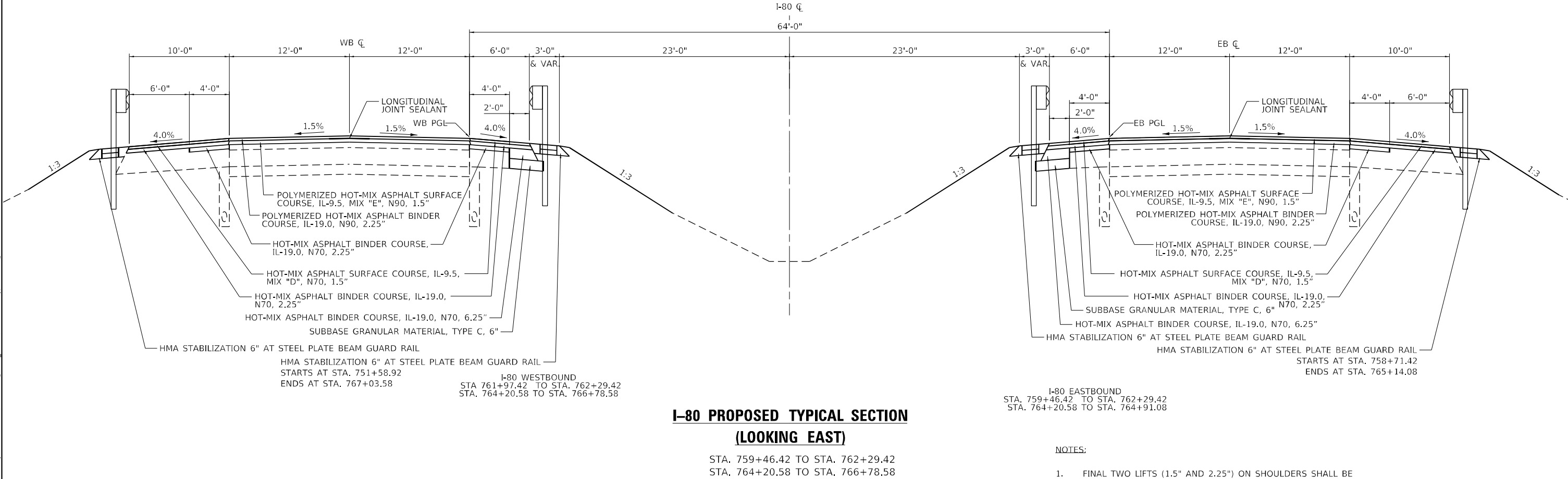
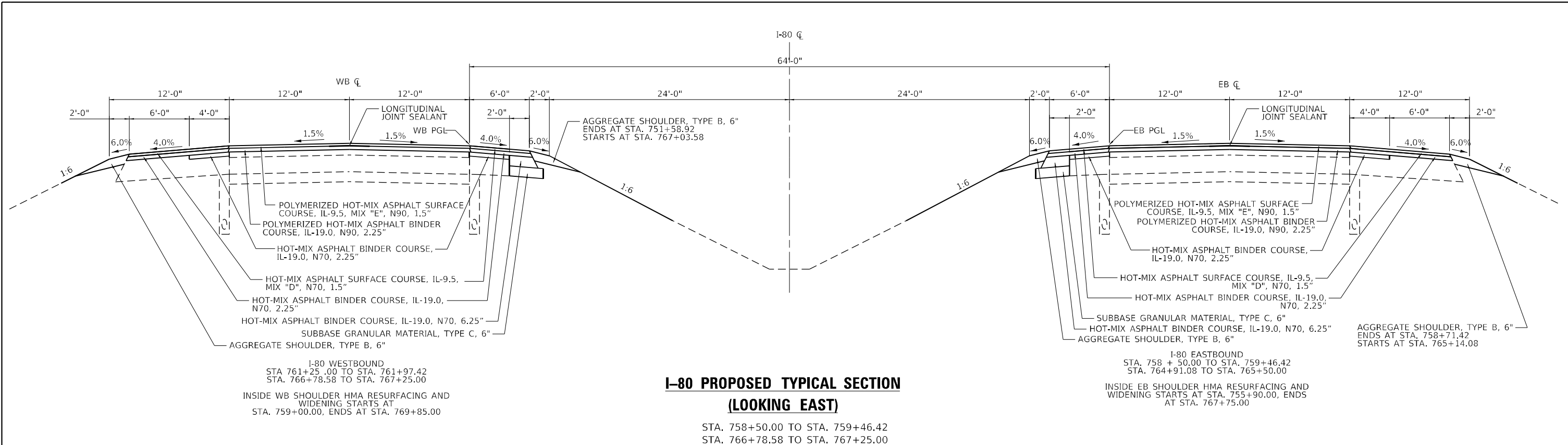
USER NAME = gustavo.pallares	DESIGNED -	REVISED -
PLOT SCALE = 10,0000' / in.	DRAWN -	REVISED -
PLOT DATE = 8/4/2021	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**F.A.I. ROUTE 80 (I-80) OVER MAPLE GROVE CREEK
 TYPICAL SECTIONS**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(06-38)E5	BUREAU	71	9
CONTRACT NO. 66J01				
ILLINOIS FED. AID PROJECT				



- NOTES:**
- FINAL TWO LIFTS (1.5" AND 2.25") ON SHOULDERS SHALL BE OVER ENTIRE SHOULDER WIDTH.

MODEL: Default
 FILE NAME: P:\IT\camp\320219\EB864.0_Proj\sect_Deliverables\3_Drawing\CAD_Sheet\I-80 Typical_002.dwg



USER NAME = gustavo.pallares	DESIGNED -	REVISED -
PLOT SCALE = 10,0000 */ in.	DRAWN -	REVISED -
PLOT DATE = 8/4/2021	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

F.A.I. ROUTE 80 (I-80) OVER MAPLE GROVE CREEK TYPICAL SECTIONS			
SCALE:	SHEET	OF SHEETS	STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(06-38)E5	BUREAU	71	10
CONTRACT NO. 66J01				
ILLINOIS FED. AID PROJECT				

TREE REMOVAL

TREE LOCATION		# OF STEMS	INDIVIDUAL STEM MEASUREMENTS - DIAMETER (IN.)				20100110
STA	OFF		# 1	# 2	# 3	# 4	TREE REMOVAL (6 TO 15 UNITS DIAMETER)
762+60.53	87.46' RT.	4	6	7	11	12	36
762+65.47	88.23' RT.	1	4	(SEE NOTE 1)			
762+66.74	88.35' RT.	3	5	6	6	7	24
762+68.39	86.31' RT.	2	4	4	(SEE NOTE 1)		
762+71.45	88.53' RT.	1	5	(SEE NOTE 1)			
763+50.96	70.99' LT.	1	6				6
763+63.82	79.58' RT.	1	4	(SEE NOTE 1)			
764+03.42	85.77' RT.	1	7				7
TOTAL		14					73

NOTE 1: TREE REMOVALS WITH STEM DIAMETERS LESS THAN 6 INCHES WILL NOT BE PAID DIRECTLY BUT WILL BE CONSIDERED SUBSIDIARY TO ITEM 20100110.

EROSION AND LANDSCAPING

LOCATION	20101000	28000305	28000400	28000500	20101400	20101500	20101600	25000210	25100630		
	TEMPORARY FENCE	TEMPORARY DITCH CHECKS	PERIMETER EROSION BARRIER	INLET AND PIPE PROTECTION	NITROGEN FERTILIZER NUTRIENT	PHOSPHORUS FERTILIZER NUTRIENT	POTASSIUM FERTILIZER NUTRIENT	SEEDING, CLASS 2A	EROSION CONTROL BLANKET		
STA. TO STA.	LT/RT	FOOT	FOOT	FOOT	EACH	POUND	POUND	POUND	ACRE	SQ YD	
755+90.00	762+86.14	LT				25.2	25.2	25.2	0.28	1355	
756+30.00		LT	20								
757+80.00		LT	20								
758+00.00	762+97.40	RT		497							
758+31.24	762+89.58	RT				5.4	5.4	5.4	0.06	290	
759+20.00		RT	12								
759+30.00		LT	20								
762+97.40	762+83.61	LT/RT		268							
759+95.00		RT	12								
760+70.00		RT	12								
760+80.00		LT	20								
761+20.00		RT	12								
761+70.00		RT	12								
762+11.24		LT			1						
762+20.00		RT	12								
762+46.00		RT	12								
762+72.00		RT	12								
763+35.18	763+30.96	LT/RT		262							
763+35.18	765+70.00	RT		235							
763+60.80	765+61.98	RT				4.5	4.5	4.5	0.05	242	
763+60.80	769+85.00	LT				27	27	27	0.3	1452	
763+70.00		RT	12								
763+91.00		RT	12								
764+12.00		RT	12								
764+50.00		RT	12								
764+88.00		RT	12								
764+90.00		LT	20								
765+65.00		LT	20								
766+00.00	768+00.00	RT	438	428							
767+15.00		LT	20								
768+65.00		LT	20								
770+15.00		LT	20								
771+65.00		LT	20								
760+50.00	762+83.61	LT		234							
760+97.59	762+87.27	LT				5.4	5.4	5.4	0.06	290	
762+00.00		LT	10								
762+20.00		LT	10								
762+40.00		LT	10								
762+60.00		LT	10								
762+80.00		LT	10								
763+00.00		LT	10								
763+30.96	763+50.00	LT		19							
763+50.00	764+75.00	LT	1/1	168							
763+60.74	767+33.18	LT				4.5	4.5	4.5	0.05	242	
764+75.00	767+50.00	LT		275							
764+75.00		LT	12								
755+25.00		LT	12								
768+50.00		LT	12								
TOTAL:			609	452	2,386	1	72	72	72	0.8	3,871

EARTHWORK SCHEDULE

LOCATION		EARTH EXCAVATION (CU YD)	ADI. EARTH EXCAVATION (25%)	EMBANKMENT (CU YD)	EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-)
FROM	TO	CU YD	CU YD	CU YD	CU YD
755+50	756+00	1.4	1.1	0.0	1.1
756+00	756+50	7.0	5.3	0.0	5.3
756+50	757+00	7.2	5.4	1.0	4.4
757+00	757+50	7.3	5.5	0.0	5.5
757+50	758+00	7.4	5.6	0.0	5.6
758+00	758+50	8.6	6.5	0.0	6.5
758+50	759+00	13.1	9.8	0.0	9.8
759+00	759+50	19.2	14.4	0.2	14.2
759+50	760+00	21.7	16.3	2.4	13.9
760+00	760+50	21.8	16.4	3.3	13.1
760+50	761+00	22.3	16.7	2.6	14.1
761+00	761+50	28.7	21.5	2.9	18.6
761+50	762+00	26.3	19.7	3.9	15.8
762+00	762+50	33.3	25.0	6.5	18.5
762+50	762+69	34.0	25.5	3.3	22.2
762+69	763+00	0.0	0.0	0.0	0.0
763+00	763+50	0.0	0.0	0.0	0.0
763+50	763+81	0.0	0.0	0.0	0.0
763+81	764+00	29.3	22.0	23.9	-1.9
764+00	764+50	34.7	26.0	7.3	18.7
764+50	765+00	19.1	16.2	4.1	12.1
765+00	765+50	20.7	17.6	1.8	15.8
765+50	766+00	21.2	18.0	1.4	16.6
766+00	766+50	21.9	18.6	2.9	15.7
766+50	767+00	23.3	19.8	2.2	17.6
767+00	767+50	20.7	17.6	0.0	17.6
767+50	768+00	12.5	10.6	0.0	10.6
768+00	768+50	9.0	7.7	0.0	7.7
768+50	769+00	10.5	8.9	0.0	8.9
769+00	769+50	11.4	9.7	0.0	9.7
769+50	769+85	7.7	6.5	0.0	6.5
TOTALS		501.30	393.78	69.70	324.08
GRAND TOTALS		502	394	70	325

MODEL: D:\p\p\p\320219\8864\0_Proj\ec_Deliverables\3_Drawings\CAD_Sheet\0638\01-ent_schedule.dgn



USER NAME = gustavo.pallares
 PLOT SCALE = 10,0000 * / in.
 PLOT DATE = 8/4/2021

DESIGNED -
 DRAWN -
 CHECKED -
 DATE -

REVISED -
 REVISED -
 REVISED -
 REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

F.A.I. ROUTE 80 (I-80) OVER MAPLE GROVE CREEK
 SCHEDULE OF QUANTITIES

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(06-38)E5	BUREAU	71	12
CONTRACT NO. 66J01				
ILLINOIS FED. AID PROJECT				

PROPOSED PAVEMENT

LOCATION	LENGTH (FT)	30300112	31102300	40500290	40603085	40603240	40604062	40604174	42000080	48101500	60108501	Z0005216	Z0033700		
		AGGREGATE SUBGRADE IMPROVEMENT 12"	SUBBASE GRANULAR MATERIAL, TYPE C 6"	BITUMINOUS MATERIALS (TACK COAT)	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70	POLYMERIZED HOT MIX ASPHALT BINDER COURSE, IL-19.0, N90	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N70	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "E", N90	PAVEMENT CONNECTOR (PCC) FOR BRIDGE APPROACH SLAB	AGGREGATE SHOULDERS, TYPE B 6"	PIPE UNDERDRAINS, TYPE 3	HOT-MIX ASPHALT STABILIZATION 6" AT STEEL PLATE BEAM GUARD RAIL	LONGITUDINAL JOINT SEALANT		
STA. TO STA.	LT/RT	SQ YD	SQ YD	POUND	TON	TON	TON	TON	SQ YD	SQ YD	FOOT	SQ YD	FOOT		
755+90.00	759+46.42	LT	356.42							79					
755+90.00	762+29.42	LT	639.42	737	959	139		36							
758+50.00	762+29.42	LT/RT	379.42		455		127	85					379		
758+50.00	762+29.42	RT	379.42		190	74		35							
758+50.00	758+71.42	RT	21.42						5						
758+71.42	762+54.42	RT	383.00									128			
759+46.42	762+54.42	LT	308.00									103			
762+29.42	762+39.42	LT/RT	10.00	47					44		20				
763+95.58	764+91.08	LT	95.50									32			
763+95.58	765+14.08	RT	118.50									40			
764+10.58	764+20.58	LT/RT	10.00	47					44		20				
764+20.58	767+75.00	LT	354.42		131	532	77	20							
764+20.58	765+50.00	LT/RT	129.42			155		43	29				129		
764+20.58	765+50.00	RT	129.42			65	25	12							
764+91.08	767+75.00	LT	283.92							63					
765+14.08	765+50.00	RT	35.92							8					
759+00.00	761+58.92	RT	258.92							58					
759+00.00	762+29.42	RT	329.42		122	494	72	18							
761+25.00	762+29.42	LT/RT	104.42			125		35	23				104		
761+25.00	762+29.42	LT	104.42			52	20	10							
761+25.00	761+97.42	LT	72.42							16					
761+58.92	762+54.42	RT	95.50									32			
761+97.42	762+54.42	LT	57.00									19			
762+29.42	762+39.42	LT/RT	10.00	47					44		20				
763+95.58	766+78.58	LT	283.00									94			
763+95.58	767+03.58	RT	308.00									103			
764+10.58	764+20.58	LT/RT	10.00	47					44		20				
764+20.58	769+85.00	RT	564.42		209	847	123	32							
764+20.58	767+25.00	LT/RT	304.42			365		102	68				304		
764+20.58	767+25.00	LT	304.42			152	60	28							
766+78.58	767+25.00	LT	46.42							10					
767+03.58	769+85.00	RT	281.42							63					
TOTAL:				188	699	4,391	590	307	191	205	176	302	80	551	918

PAVEMENT REMOVAL

LOCATION	LENGTH (FT)	44000100	44000164	44000173	44004250	X0325201	Z0004552	Z0040530	
		PAVEMENT REMOVAL	HOT-MIX ASPHALT SURFACE REMOVAL, 3 3/4"	HOT-MIX ASPHALT SURFACE REMOVAL, 6"	PAVED SHOULDER REMOVAL	SHOULDER RUMBLE STRIP REMOVAL	APPROACH SLAB REMOVAL	PIPE UNDERDRAIN REMOVAL	
STA. TO STA.	LT/RT	SQ YD	SQ YD	SQ YD	SQ YD	SQ YD	SQ YD	FOOT	
754+85.00	762+69.42	RT	784.42				261		
755+90.00	758+50.00	LT	260.00		116				
758+50.00	762+29.42	LT	379.42		169				
758+50.00	762+29.42	LT/RT	379.42		1,012				
758+50.00	762+29.42	RT	379.42		169				
758+50.00	762+29.42	RT	379.42		253				
759+32.36	762+54.40	LT	322.04			107			
760+07.45	762+54.42	RT	246.97			82			
762+29.42	762+69.42	RT	40.00			44			
762+29.42	762+69.42	LT	40.00			18			
762+29.42	762+49.42	LT/RT	20.00	53				40	
762+49.42	762+69.42	LT/RT	20.00					53	
763+80.57	764+20.58	RT	40.01			44			
763+80.57	764+20.58	LT	40.01			18			
763+80.57	769+15.00	RT	534.43				178		
763+80.57	764+00.57	LT/RT	20.00				53		
764+00.58	764+20.58	LT/RT	20.00	53				40	
764+20.58	765+50.00	LT	129.42			58			
764+20.58	765+50.00	LT/RT	129.42		345				
764+20.58	765+50.00	RT	129.42			58			
764+20.58	765+50.00	RT	129.42		86				
765+50.00	767+75.00	LT	225.00			100			
757+60.00	762+69.42	LT	509.42				170		
759+00.00	761+25.00	RT	225.00			100			
761+25.00	762+29.42	LT	104.42		70				
761+25.00	762+29.42	LT	104.42			46			
761+25.00	762+29.42	LT/RT	104.42		278				
761+25.00	762+29.42	RT	104.42			46			
762+29.42	762+69.29	LT	39.87			44			
762+29.42	762+49.42	LT/RT	20.00	53				40	
762+29.42	762+69.29	RT	39.87			18			
762+49.42	762+69.29	LT/RT	19.87					53	
763+80.58	764+20.58	RT	40.00			18			
763+80.58	764+20.58	LT	40.00			44			
763+80.58	770+90.00	LT	709.42				236		
763+80.58	764+00.58	LT/RT	20.00				53		
763+95.58	766+42.80	LT	247.22			82			
763+90.20	767+04.30	RT	314.10			105			
764+00.58	764+20.58	LT/RT	20.00	53				40	
764+20.58	767+25.00	LT	304.42		203				
764+20.58	767+25.00	LT	304.42			135			
764+20.58	767+25.00	LT/RT	304.42		812				
764+20.58	767+25.00	RT	304.42			135			
767+25.00	769+85.00	RT	260.00			116			
TOTAL:			212	3,059	1,248	624	845	212	160

MODEL Path: \\p1\camps\2022\19188640_Proj\Sec_Deliverables\13_Drawings\CAD_Sheets\19188640-1-ent_scheduled-002.dgn
 FILE NAME: P:\camps\2022\19188640_Proj\Sec_Deliverables\13_Drawings\CAD_Sheets\19188640-1-ent_scheduled-002.dgn



USER NAME = gustavo.pallares
 PLOT SCALE = 10,0000 */ in.
 PLOT DATE = 8/4/2021

DESIGNED -
 DRAWN -
 CHECKED -
 DATE -

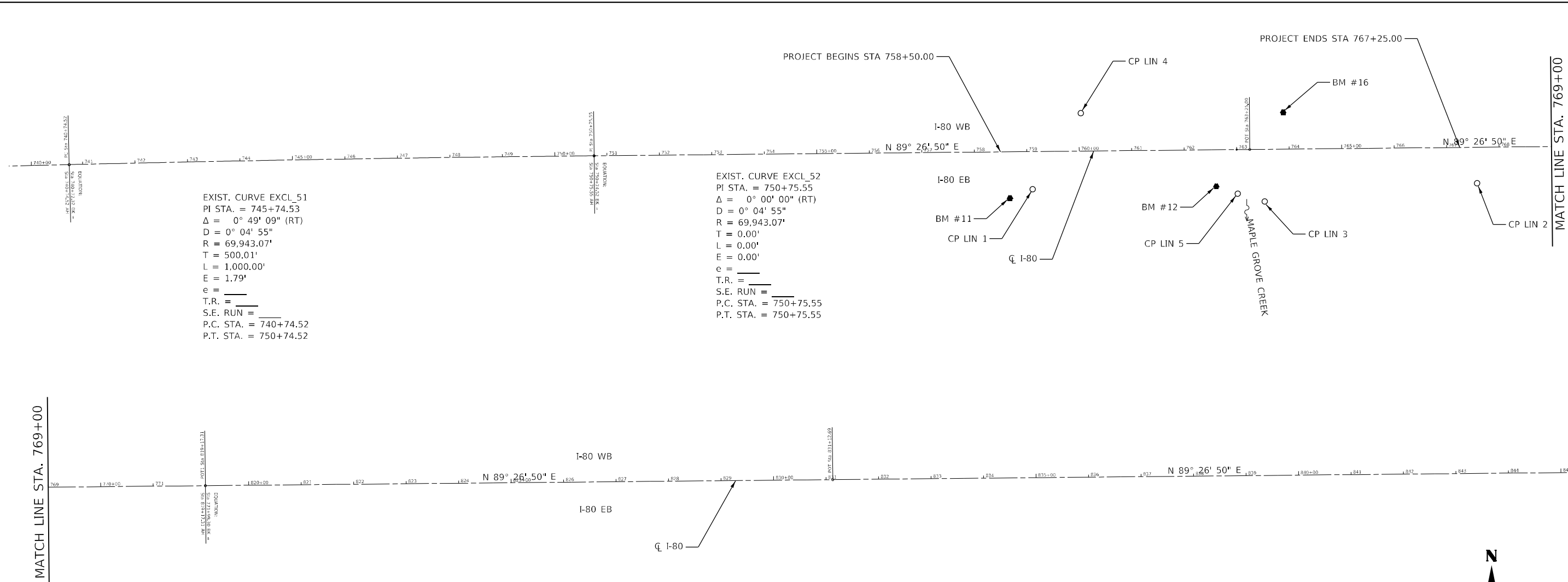
REVISED -
 REVISED -
 REVISED -
 REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

F.A.I. ROUTE 80 (I-80) OVER MAPLE GROVE CREEK
 SCHEDULE OF QUANTITIES

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(06-38)E5	BUREAU	71	13
CONTRACT NO. 66J01				
ILLINOIS FED. AID PROJECT				



BENCHMARK #11

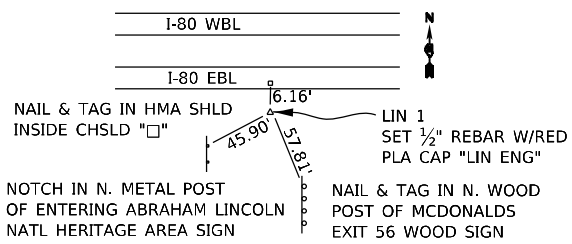
ELEV 644.05
 STA. 758+67.18, 88.31 RT
 CUT "□" TOP N. SIGN LEG FOUNDATION
 "ABE LINCOLN HERITAGE AREA"

BENCHMARK #12

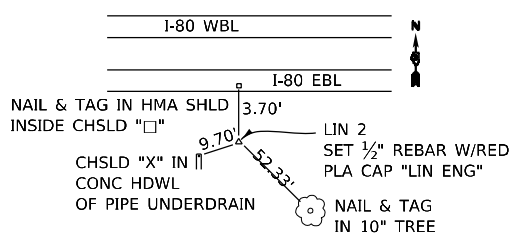
ELEV 646.58
 STA. 762+60.52, 69.78' RT
 CUT "□" TOP SW. WING WALL SN 006-0014

BENCHMARK #16

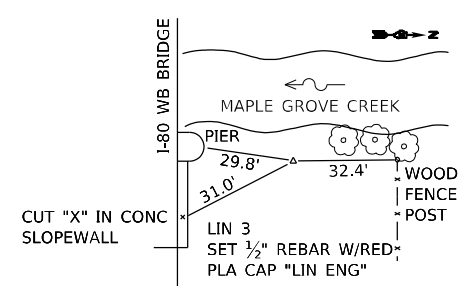
ELEV 645.61
 STA. 763+89.19, 70.30 LT
 CUT "□" TOP NE. WING WALL SN 006-0015



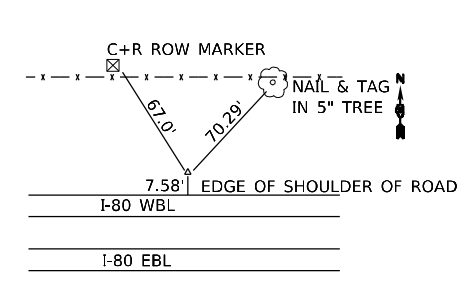
LIN 1 STA. 759+10.74 R3 71.69 RT



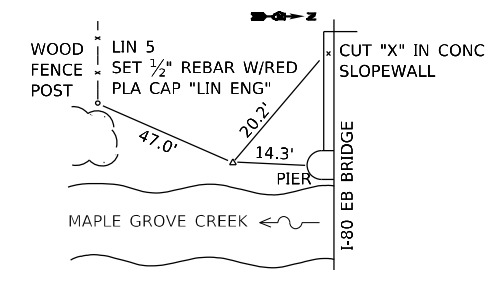
LIN 2 STA. 767+57.25 R3 68.55 RT



LIN 3 STA. 763+52.53 R3 99.29 LT



LIN 4 STA. 760+03.76 R3 72.31 LT



LIN 5 STA. 763+01.24 R3 84.05 RT

MODEL: D:\p\proj\320219\6864.0_Proj\Drawings\CAD_Sheet\DWG\01-INT-RTS.pdw
 FILE NAME: P:\Temp\320219\6864.0_Proj\Drawings\CAD_Sheet\DWG\01-INT-RTS.pdw
 PROJECT: D:\p\proj\320219\6864.0_Proj\Drawings\CAD_Sheet\DWG\01-INT-RTS.pdw

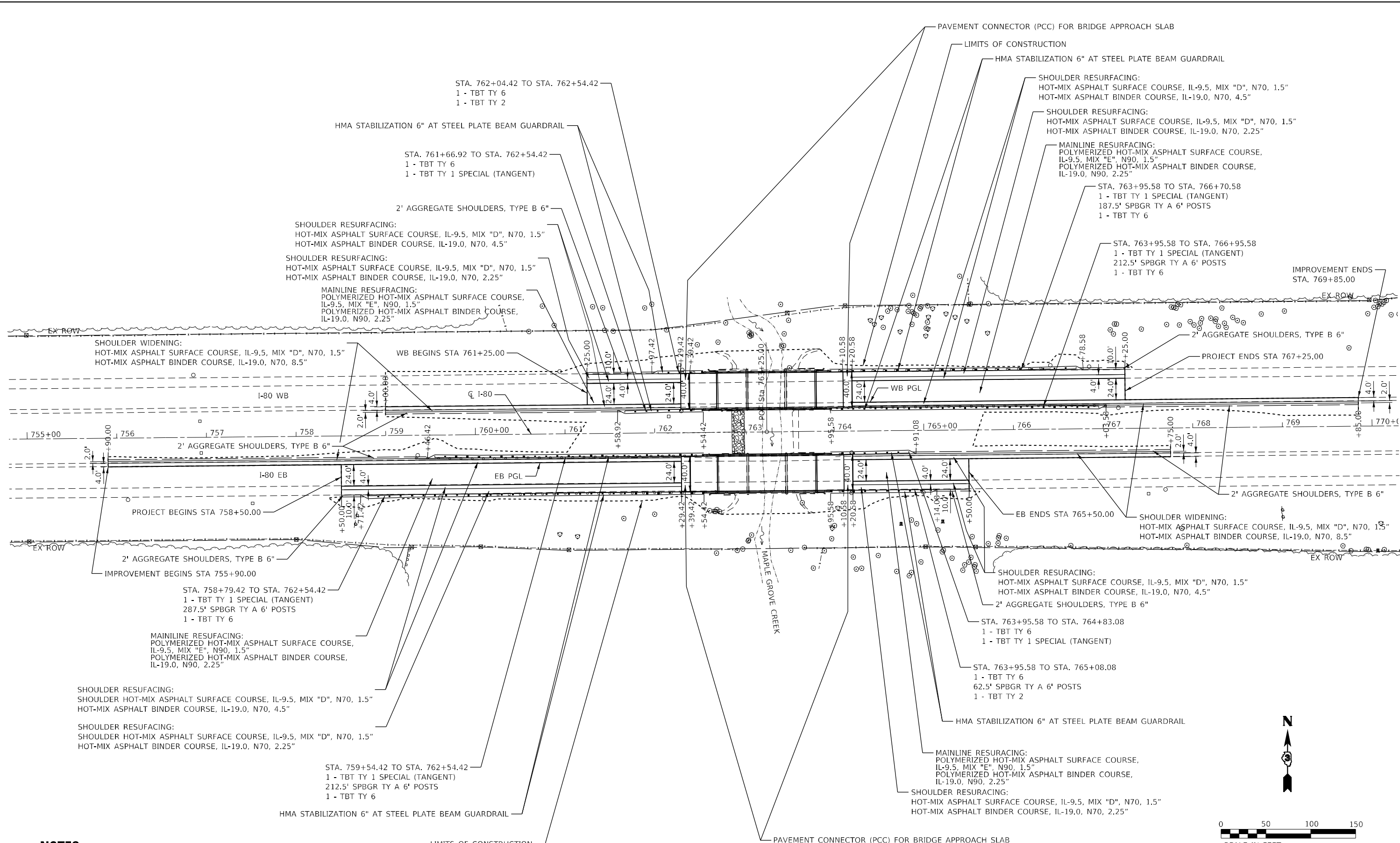


USER NAME = gustavo.pallares	DESIGNED -	REVISED -
PLOT SCALE = 200,0000' / in.	DRAWN -	REVISED -
PLOT DATE = 8/4/2021	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

F.A.I. ROUTE 80 (I-80) OVER MAPLE GROVE CREEK ALIGNMENT, BENCHMARKS & TIES			
SCALE:	SHEET	OF SHEETS	STA. 756+00 R3 TO STA. 771+00 R3

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(06-3B)ES	BUREAU	71	15
CONTRACT NO. 66J01				
ILLINOIS FED. AID PROJECT				



NOTES:

1. FOR APPROACH BRIDGE SLABS AND BRIDGE IMPROVEMENTS SEE STRUCTURAL DRAWINGS.



MODEL: Default
FILE NAME: P:\T\p\320219\6864.0\Project\Deliverables\3_Drawings\CAD_Sheet\01-Sub-001.dwg



USER NAME = gustavo.pallares	DESIGNED -	REVISED -
PLOT SCALE = 100,0000' / in.	DRAWN -	REVISED -
PLOT DATE = 8/4/2021	CHECKED -	REVISED -
	DATE -	REVISED -

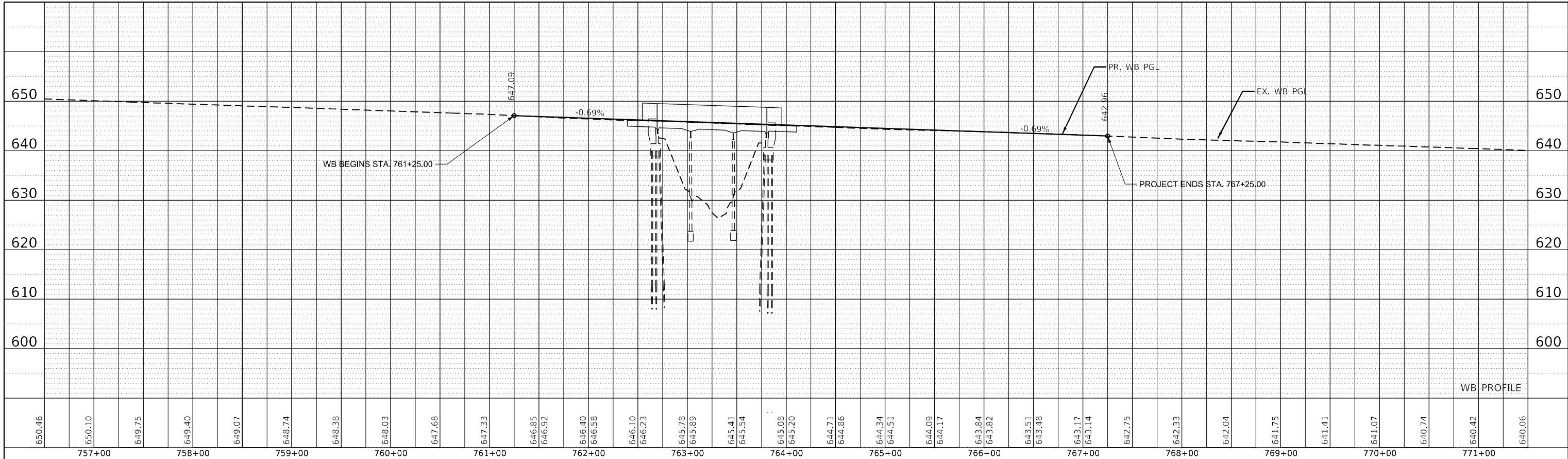
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**F.A.I. ROUTE 80 (I-80) OVER MAPLE GROVE CREEK
ROADWAY PLAN**

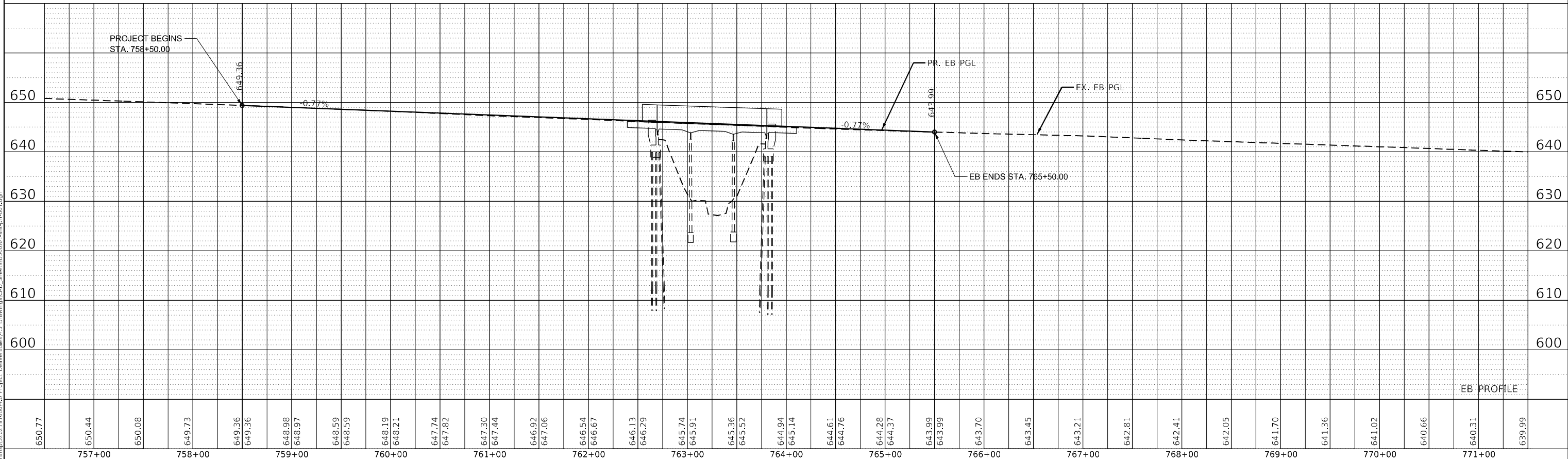
SCALE: SHEET OF SHEETS STA. 756+00 R3 TO STA. 771+00 R3

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(06-3B)E5	BUREAU	71	17
CONTRACT NO. 66J01			ILLINOIS FED. AID PROJECT	

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



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



MODEL: Default
FILE NAME: P:\Temp\2212191686\0 - Project - Deliverables\03 - Drawings\CAD Sheets\0366(01)-interprf001.dwg



USER NAME = gustavo.pallares
PLOT SCALE = 100,0000 ' / in.
PLOT DATE = 8/4/2021

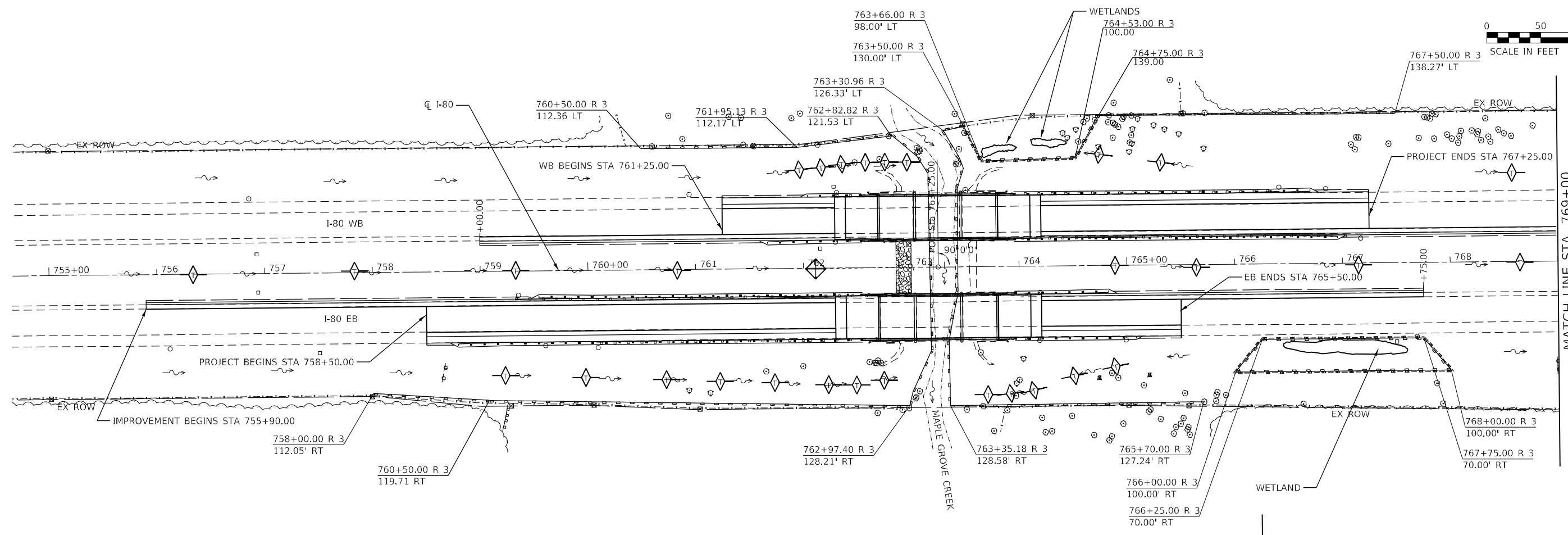
DESIGNED -	REVISD -
DRAWN -	REVISD -
CHECKED -	REVISD -
DATE -	REVISD -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

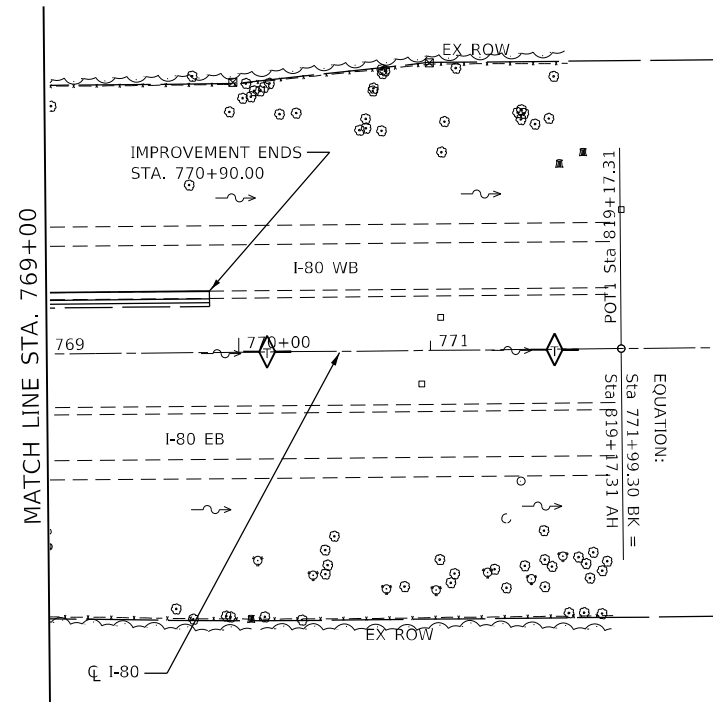
**F.A.I. ROUTE 80 (I-80) OVER MAPLE GROVE CREEK
PROFILE**

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(06-38)E5	BUREAU	71	18
CONTRACT NO. 66J01			ILLINOIS FED. AID PROJECT	



- LEGEND:**
- PERIMETER EROSION BARRIER
 - TEMPORARY FENCE (ORANGE SNOW FENCE)
 - TEMPORARY DITCH CHECK
 - INLET AND PIPE PROTECTION
 - DITCH FLOW



MODEL: Defaul...
 FILE NAME: P:\IT\Comp\320219\6864.0 Project_Deliverables\3 Drawings\CAD_Sheet\0666\01-ict-ers-001.dgn



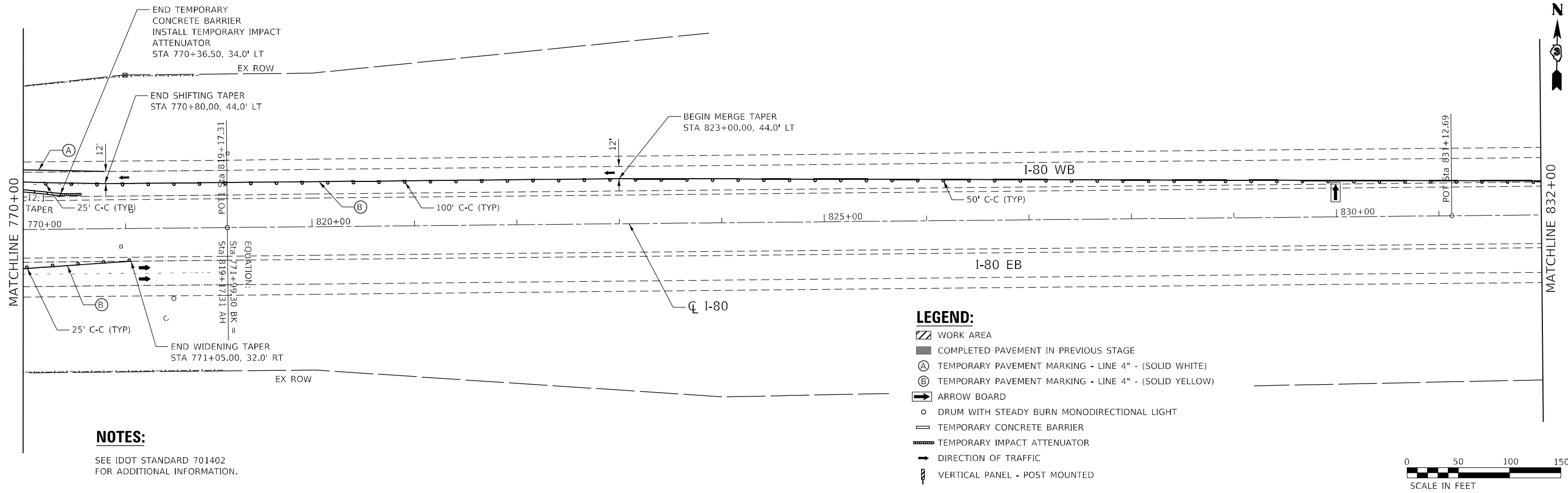
USER NAME = gustavo.pallares	DESIGNED -	REVISED -
PLOT SCALE = 100,0000' / in.	DRAWN -	REVISED -
PLOT DATE = 8/4/2021	CHECKED -	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

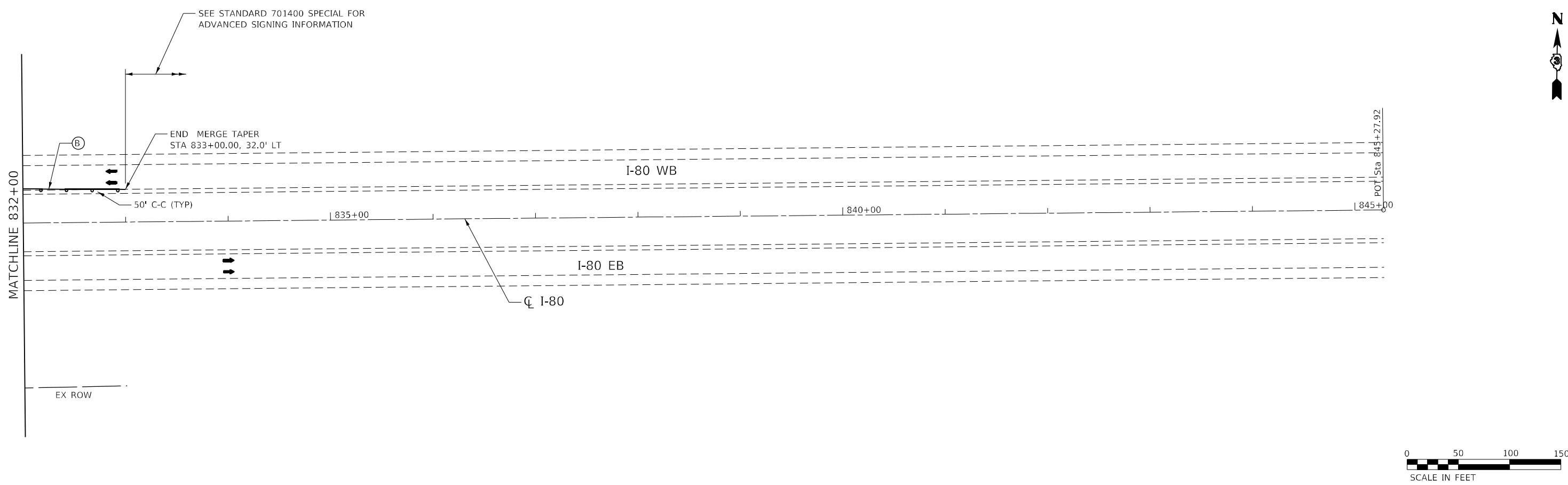
F.A.I. ROUTE 80 (I-80) OVER MAPLE GROVE CREEK
EROSION CONTROL PLAN

SCALE: SHEET OF SHEETS STA. 756+00 R3 TO STA. 771+00 R3

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(06-3B)ES	BUREAU	71	19
CONTRACT NO. 66J01				
ILLINOIS FED. AID PROJECT				



NOTES:
SEE IDOT STANDARD 701402 FOR ADDITIONAL INFORMATION.



MODEL: D:\cadd\p1\comp\320219\8664.0_Project_Deliverables\Drawings\CADD_Sheet\0638E5(01)-ctc-ctc-ctc-ctc-ctc-ctc.dgn



USER NAME = gustavo.pallares	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 100,0000' / in.	CHECKED -	REVISED -
PLOT DATE = 8/4/2021	DATE -	REVISED -






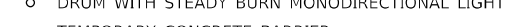
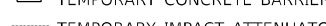
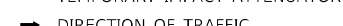
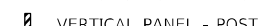
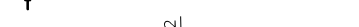
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

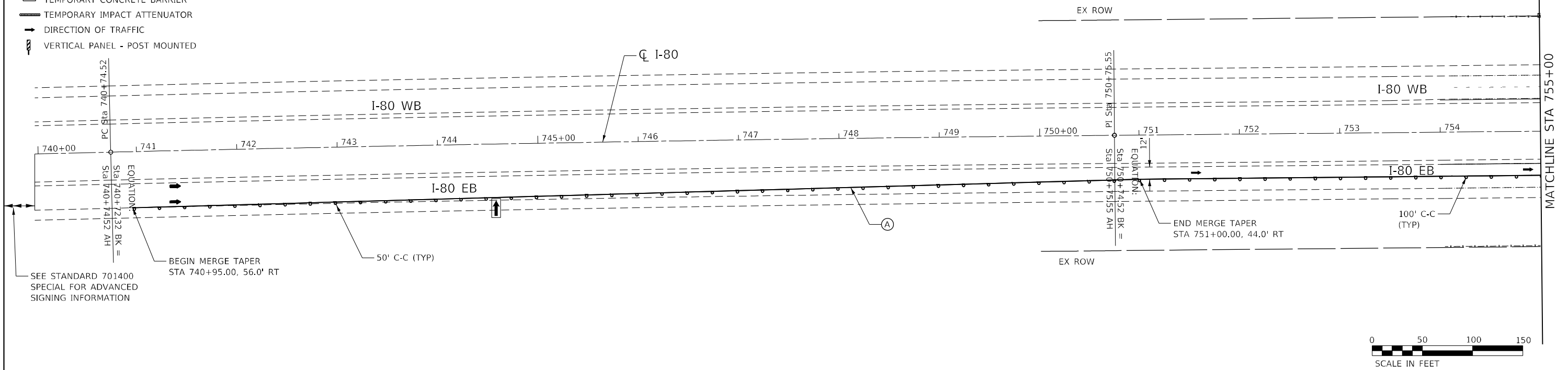
**F.A.I. ROUTE 80 (I-80) OVER MAPLE GROVE CREEK
SUGGESTED STAGES OF CONSTRUCTION AND
TRAFFIC CONTROL PLANS – STAGE 1**

SCALE: SHEET 2 OF 2 SHEETS STA. 770+00 TO STA. 832+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(06-38)E5	BUREAU	71	23
CONTRACT NO.			66101	
ILLINOIS FED. AID PROJECT				

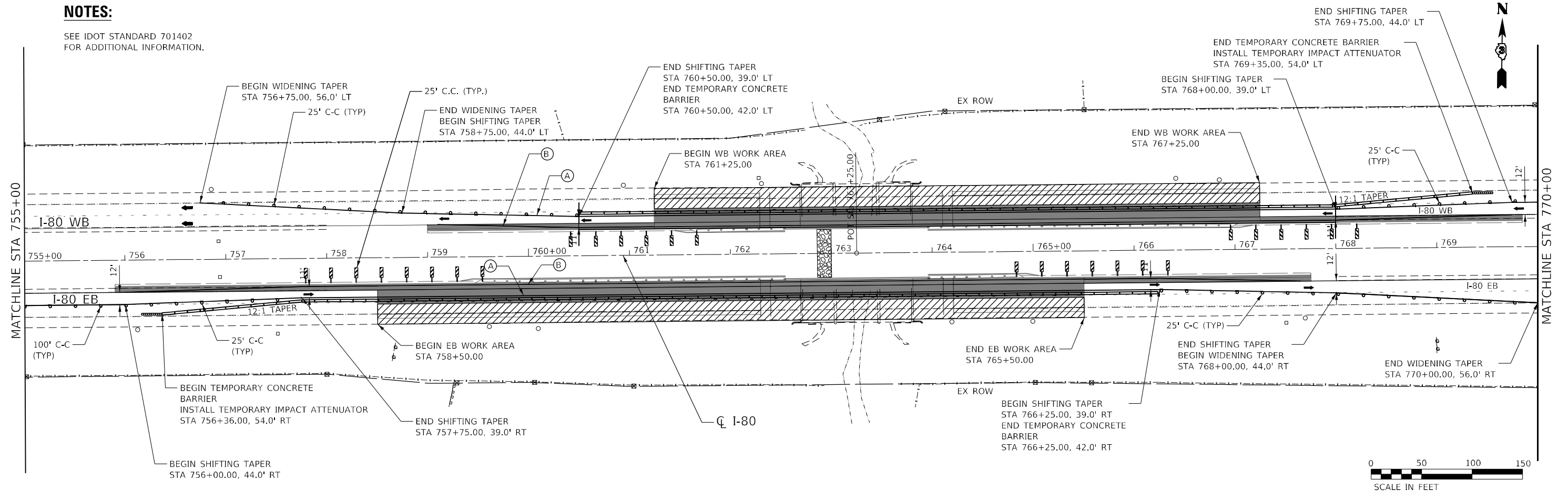
LEGEND:

-  WORK AREA
-  COMPLETED PAVEMENT IN PREVIOUS STAGE
-  TEMPORARY PAVEMENT MARKING - LINE 4" - (SOLID WHITE)
-  TEMPORARY PAVEMENT MARKING - LINE 4" - (SOLID YELLOW)
-  ARROW BOARD
-  DRUM WITH STEADY BURN MONODIRECTIONAL LIGHT
-  TEMPORARY CONCRETE BARRIER
-  TEMPORARY IMPACT ATTENUATOR
-  DIRECTION OF TRAFFIC
-  VERTICAL PANEL - POST MOUNTED



NOTES:

SEE IDOT STANDARD 701402 FOR ADDITIONAL INFORMATION.



MODEL: Default
 FILE NAME: P:\IT\comp\320219\6864.0_Project_Deliverables\3_Drawing\CAD_Sheet\0366(0)-chc-ctc-001.dgn



USER NAME = gustavo.pallares	DESIGNED -	REVISED -
PLOT SCALE = 100,0000' / in.	DRAWN -	REVISED -
PLOT DATE = 8/4/2021	CHECKED -	REVISED -
	DATE -	REVISED -

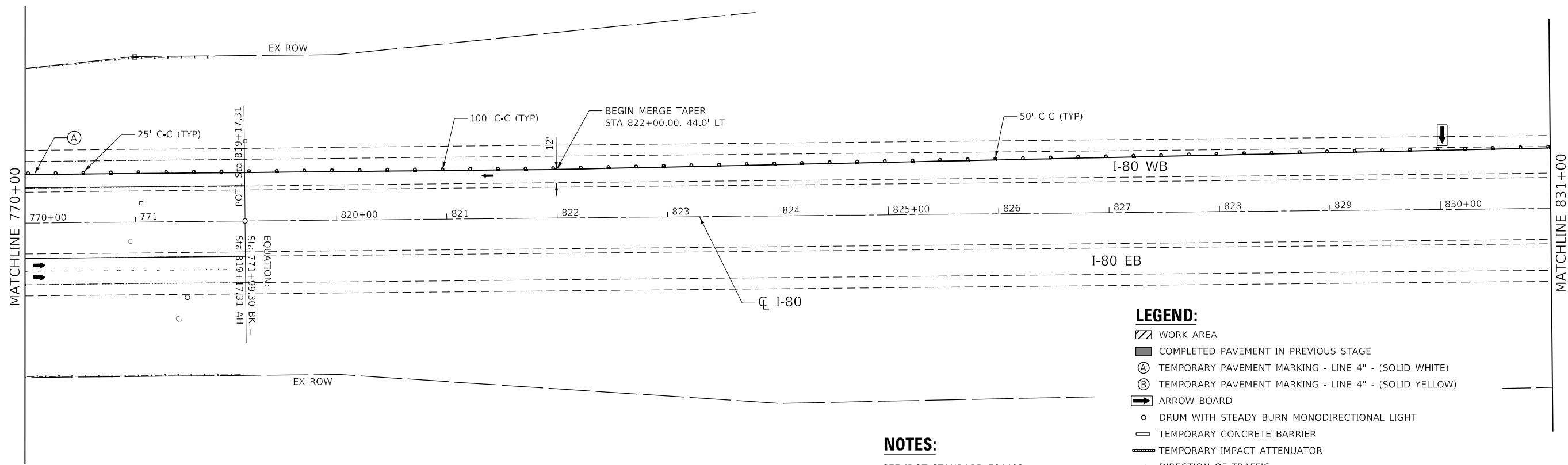
STATE OF ILLINOIS	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
DEPARTMENT OF TRANSPORTATION	80	(06-38)E5	BUREAU	71	24
	SCALE: SHEET 1 OF 2 SHEETS STA. 740+00 TO STA. 770+00		CONTRACT NO. 66101		ILLINOIS FED. AID PROJECT

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**F.A.I. ROUTE 80 (I-80) OVER MAPLE GROVE CREEK
SUGGESTED STAGES OF CONSTRUCTION AND
TRAFFIC CONTROL PLANS - STAGE 2**

SCALE: SHEET 1 OF 2 SHEETS STA. 740+00 TO STA. 770+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(06-38)E5	BUREAU	71	24
CONTRACT NO. 66101		ILLINOIS FED. AID PROJECT		

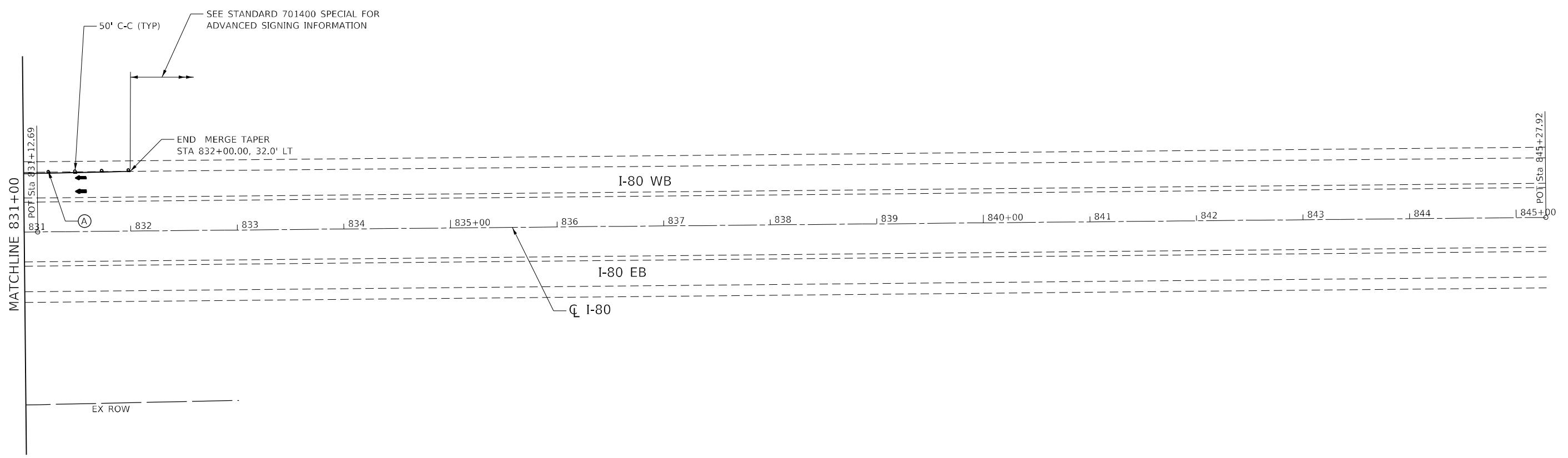


LEGEND:

- WORK AREA
- COMPLETED PAVEMENT IN PREVIOUS STAGE
- TEMPORARY PAVEMENT MARKING - LINE 4" - (SOLID WHITE)
- TEMPORARY PAVEMENT MARKING - LINE 4" - (SOLID YELLOW)
- ARROW BOARD
- DRUM WITH STEADY BURN MONODIRECTIONAL LIGHT
- TEMPORARY CONCRETE BARRIER
- TEMPORARY IMPACT ATTENUATOR
- DIRECTION OF TRAFFIC
- VERTICAL PANEL - POST MOUNTED

NOTES:

SEE IDOT STANDARD 701402 FOR ADDITIONAL INFORMATION.



MODEL: D:\cadd\p1\comp\2021\15864_0_Project_Deliverables\13_Drawings\CAD_Sheet\15864_0_13.ctb;ctb;2002.dgn



USER NAME = gustavo.pallares	DESIGNED -	REVISED -
PLOT SCALE = 100,0000' / in.	DRAWN -	REVISED -
PLOT DATE = 8/4/2021	CHECKED -	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

**F.A.I. ROUTE 80 (I-80) OVER MAPLE GROVE CREEK
SUGGESTED STAGES OF CONSTRUCTION AND
TRAFFIC CONTROL PLANS – STAGE 2**

SCALE: SHEET 2 OF 2 SHEETS STA. 770+00 TO STA. 832+00

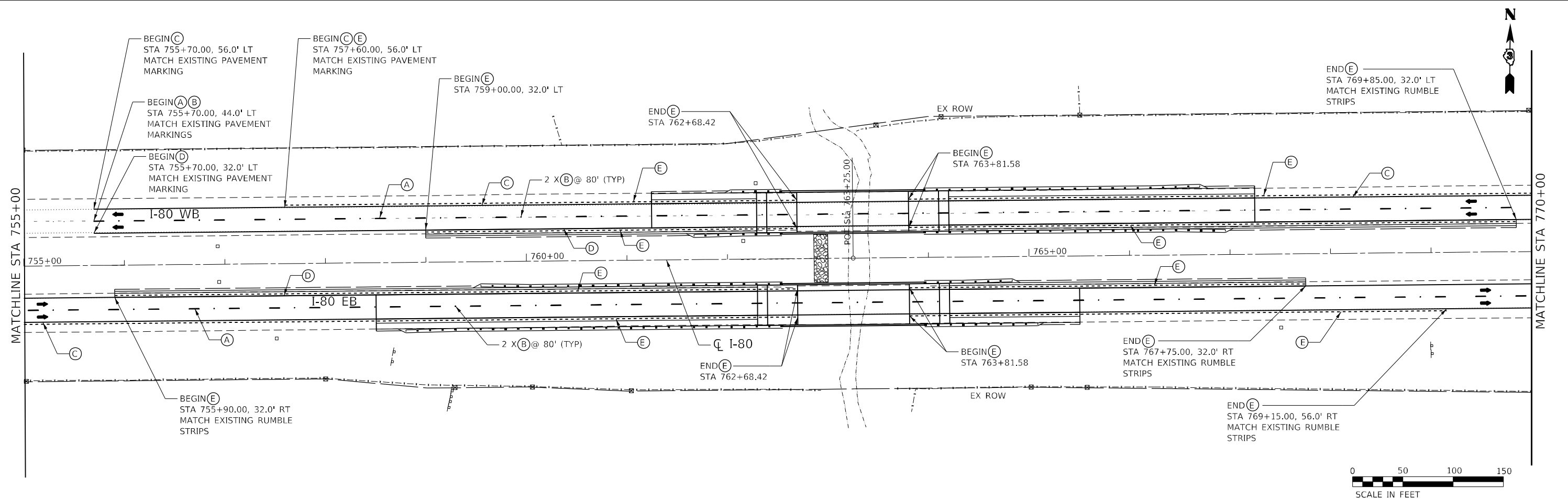
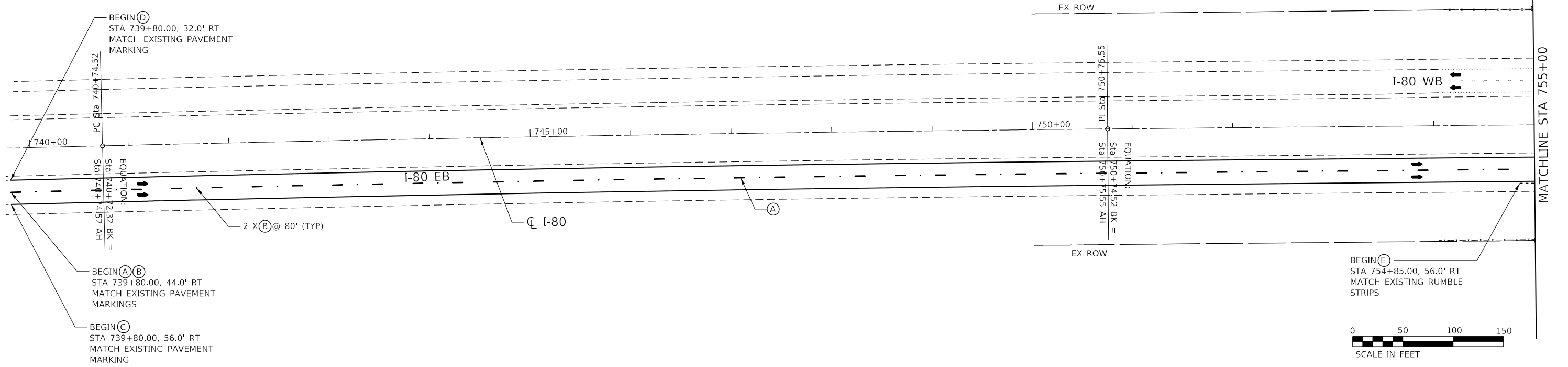
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(06-38)E5		71	25
CONTRACT NO. 66101			ILLINOIS FED. AID PROJECT	

LEGEND:

- (A) PREFORMED PLASTIC PAVEMENT MARKINGS, TYPE D - LINE 8" (CONTRAST)
- (B) RAISED REFLECTIVE PAVEMENT MARKER
- (C) POLYUREA PAVEMENT MARKING TYPE I - LINE 4" (WHITE)
- (D) POLYUREA PAVEMENT MARKING TYPE I - LINE 4" (YELLOW)
- (E) SHOULDER RUMBLE STRIPS, 16 INCH
- ➔ DIRECTION OF TRAFFIC

NOTES:

1. SEE IDOT STANDARD 642001, AND IDOT DISTRICT 3 STANDARD 780-12 FOR ADDITIONAL INFORMATION.
2. FOR RIPRAP INFO SEE STRUCTURAL DRAWINGS.



MODEL: D:\p4\11... FILE NAME: D:\p4\11... 01-15-2021 09:01:00



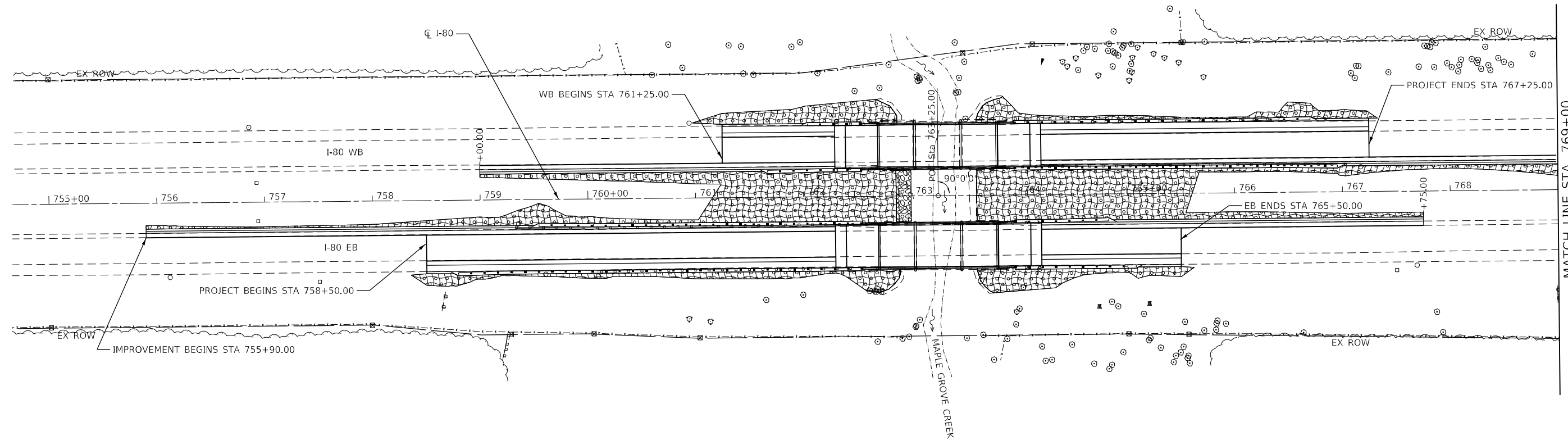
USER NAME = gustavo.pallares	DESIGNED -	REVISED -
PLOT SCALE = 100,0000' / in.	DRAWN -	REVISED -
PLOT DATE = 8/4/2021	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**




**F.A.I. ROUTE 80 (I-80) OVER MAPLE GROVE CREEK
PAVEMENT MARKINGS PLAN**

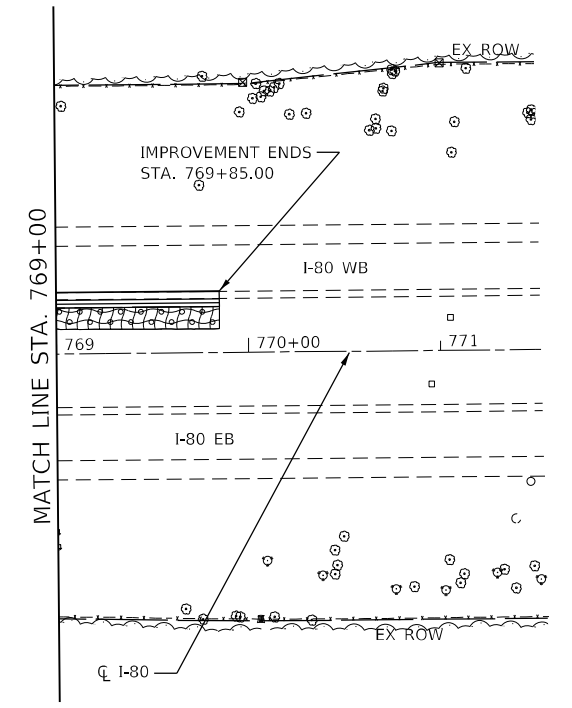
SCALE: SHEET 1 OF 2 SHEETS STA. 739+80 TO STA. 770+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(06-38)E5	BUREAU	71	26
CONTRACT NO. 66101				
ILLINOIS FED. AID PROJECT				



LEGEND:

-  SEEDING CLASS 2A
-  EROSION CONTROL BLANKET
-  RIPRAP - SEE STRUCTURAL DRAWINGS



MODEL: D:\p1\11\110111\110111.dwg
 FILE NAME: P:\110111\110111.dwg
 PROJECT: D:\110111\110111.dwg
 SHEET: D:\110111\110111.dwg



USER NAME = gustavo.pallares	DESIGNED -	REVISED -
PLOT SCALE = 100,0000' / in.	DRAWN -	REVISED -
PLOT DATE = 8/4/2021	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**F.A.I. ROUTE 80 (I-80) OVER MAPLE GROVE CREEK
 LANDSCAPING PLAN**

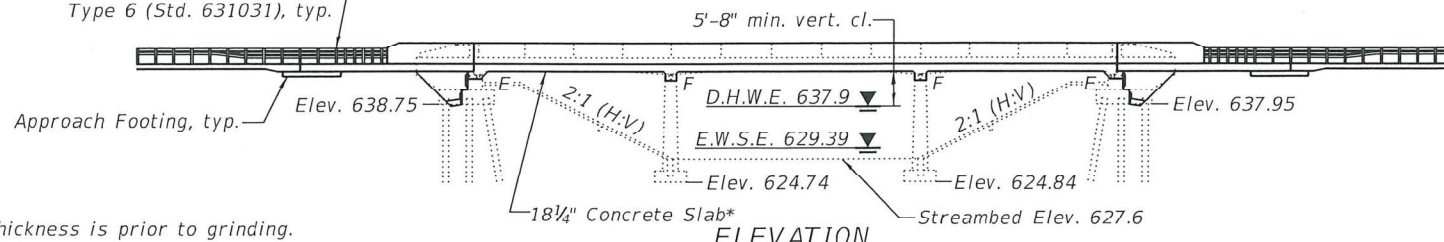
SCALE: SHEET OF SHEETS STA. 756+00 R3 TO STA. 771+00 R3

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(06-3B)ES	BUREAU	71	28
CONTRACT NO. 66J01				
ILLINOIS FED. AID PROJECT				

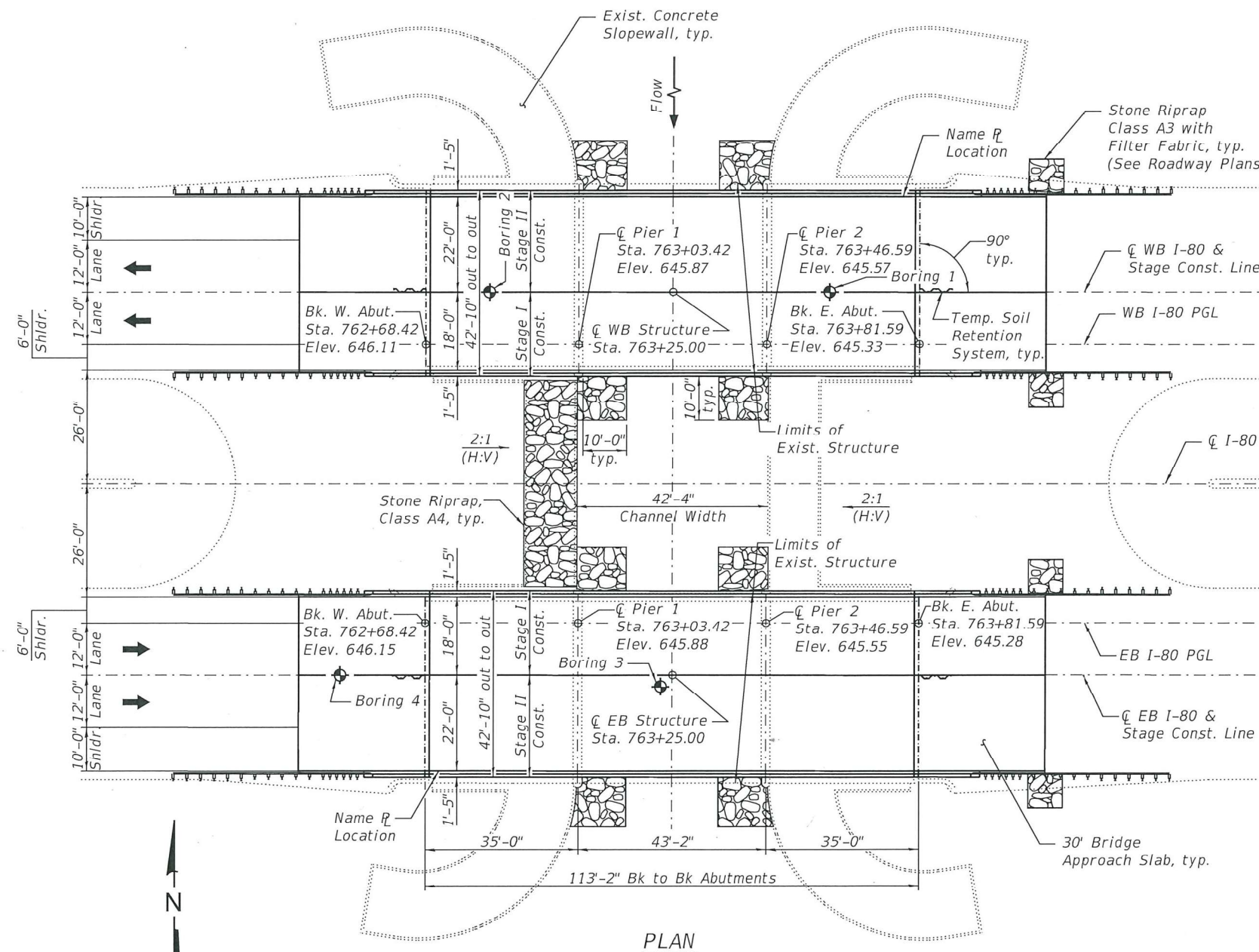
Bench Mark: Cut square in top of southwest wing wall SN 006-0014. Sta. 762+60.52, Offset 69.78' Rt., Elev. = 646.576
 Cut square in top of northeast wing wall SN 006-0015. Sta. 763+89.13, Offset 70.18' Lt., Elev. = 645.617

Existing Structures: SN 006-0014 (EB) and SN 006-0015 (WB), built in 1963 as FAI Route 80, Section 06-3B at Station 763+25.
 Significant rehabilitation to these structures includes the railing being retrofit with three beams in 1980; longitudinal joint closure and placement of a bituminous overlay in 1983; expansion joint replacement in 1991. The existing dual structures are three span reinforced concrete slab bridges supported by solid wall piers founded on spread footings and stub abutments founded on concrete piles. The bridges have a back to back abutment length of 113'-2", out to out bridge width is 43'-8", with no skew. The concrete superstructure is to be removed and replaced using stage construction, while maintaining one lane of traffic in each direction at all times.

No Salvage. Traffic Barrier Terminal Type 6 (Std. 631031), typ.



ELEVATION



PLAN

WATERWAY INFORMATION

Drainage Area = 7.7 sq. mi. Low Grade Elev. 644.07 @ Sta. 765+00

Flood	Freq. Yr.	Q C.F.S.	Opening Ft ²		Nat. H.W.E.	Head - Ft.		Headwater El.	
			Exist.	Prop.		Exist.	Prop.	Exist.	Prop.
	10	1400	312	312	635.9	1.0	1.0	636.9	636.9
Design	50	2340	455	455	637.9	1.3	1.3	639.2	639.2
Base	100	2770	501	501	638.5	1.4	1.4	639.9	639.9
Scour Check	200	3240	544	544	639.1	1.6	1.6	640.6	640.6
Max. Calc.	500	3850	595	595	639.7	1.8	1.8	641.5	641.5
Overtopping	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

10-year velocity thru existing structure = 4.1 fps
 10-year velocity thru proposed structure = 4.1 fps

DESIGN SCOUR ELEVATION TABLE

Event / Limit State	Design Scour Elevations (ft.)				
	W. Abut.	Pier 1	Pier 2	E. Abut.	Item 113
Q100	638.75	624.74	624.84	637.95	5
Design	638.75	624.74	624.84	637.95	

SCOPE OF WORK

1. Remove existing concrete slab superstructure, abutment backwall, bearings and approach slabs.
2. Provide new drainage system behind abutments.
3. Remove existing wingwalls as required for construction of approach slabs.
4. Provide new concrete slab superstructure and approach slabs.
5. Repair substructure units.
6. Remove portion of west slope wall and place riprap as shown.

Notes:
 A datum adjustment of -0.26' has been applied to the original bridge plan elevations.
 Up to 1/4 inch may be ground off the bridge deck and the bridge approach slabs.



Michael J. Haley 8/3/2021
 Michael T. Haley
 Licensed Structural Engineer
 State of Illinois No. 081-005991
 Expires 11/30/2022



INDEX OF SHEETS

1. General Plan & Elevation
2. General Data
3. Stage Construction Details
4. Temporary Concrete Barrier for Stage Construction
- 5-7. Top of Slab Elevations
- 8-11. Top of Approach Slab Elevations
- 12-13. Superstructure
14. Superstructure Details
- 15-17. Bridge Approach Slab Details
18. Concrete Parapet Slipforming Option
- 19-20. Concrete Removal Details
- 21-24. Pier Repair Details
25. Slope Wall Repairs
26. Bar Splicer Assembly Details
- 27-28. Soil Boring Logs

LOADING HL-93

(New Construction)
 Allow 50#/sq. ft. for future wearing surface.

DESIGN SPECIFICATIONS

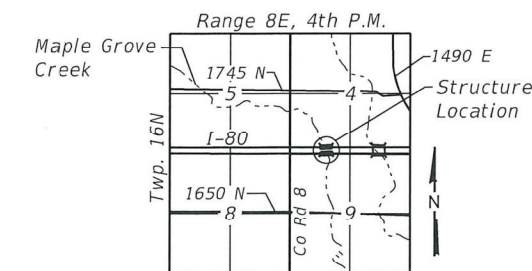
(New Construction)
 2017 AASHTO LRFD Bridge Design Specifications, 8th Edition

DESIGN STRESSES

FIELD UNITS (New Construction)
 f'c = 3,500 psi
 f'c = 4,000 psi (Superstructure)
 fy = 60,000 psi (Reinforcement)
 FIELD UNITS (Existing Construction)
 fc = 1,400 psi
 fs = 20,000 psi (Reinforcement)

SEISMIC DATA

(Existing Substructure)
 Seismic Performance Category (SPC) = A
 Bedrock Acceleration Coefficient (A) = 0.037g
 Site Coefficient (S) = 1.0



LOCATION SKETCH

GENERAL PLAN & ELEVATION
 I-80 OVER MAPLE GROVE CREEK
 F.A.I. RTE. 80 - SEC. (06-3B)BR
 BUREAU COUNTY
 STATION 763+25.00
 STRUCTURE NO. 006-0014 (EB)
 STRUCTURE NO. 006-0015 (WB)

MODEL: Default
 FILE NAME: E:\1815-2\Struct\Final Design\CADD\CADD Sheets\060014&0015-66101-001-GPE.dgn



USER NAME =	DESIGNED - VPT	REVISED -
PLOT SCALE =	CHECKED - CL	REVISED -
PLOT DATE = 8/3/2021	DRAWN - AJF	REVISED -
	CHECKED - MTH	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SHEET 1 OF 28 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(06-3B)BR	BUREAU	71	29
CONTRACT NO. 66101				
ILLINOIS FED. AID PROJECT				

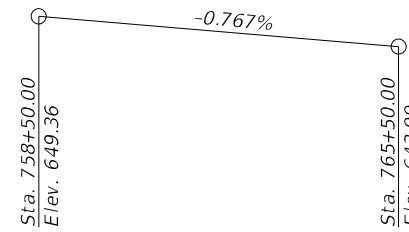
GENERAL NOTES

Reinforcement bars designated (E) shall be epoxy coated.

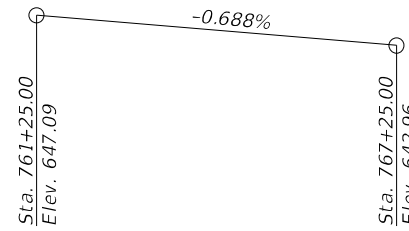
Plan dimensions and details relative to existing plans are subject to nominal construction variations. The Contractor shall field verify existing dimensions and details affecting new construction and make necessary approved adjustments prior to construction or ordering of materials. Such variations shall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

Layout of the slope protection system may be varied to suit ground conditions in the field as directed by the Engineer.

The Contractor shall make allowance for the deflection of forms, shrinkage and settlement of falsework, in addition to allowance for dead load deflection. Forms for deck slab shall be removed prior to placement of bridge approach slab.

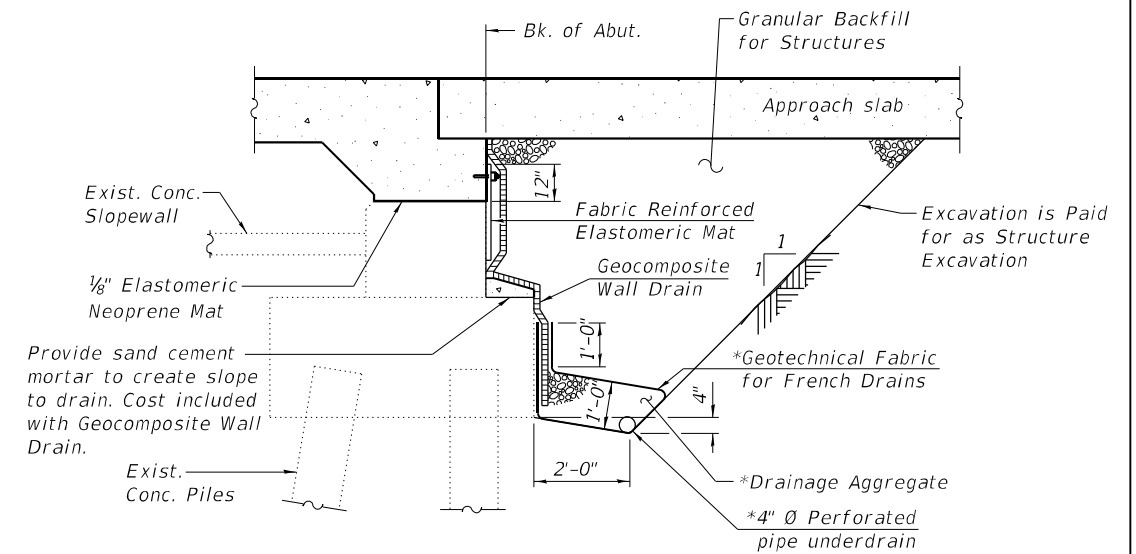


EB I-80 PROFILE GRADE
(along inside EOP)



WB I-80 PROFILE GRADE
(along inside EOP)

Note:
The profile grades show final elevations after grinding.



SECTION THRU ABUTMENT

*Included in the cost of Pipe Underdrains for Structures. (See Special Provisions)

Note:
All drainage system components shall extend parallel to the abutment until they intersect the wingwalls. The pipe shall extend under the wingwall, if necessary, until intersecting the side slopes. The pipes shall drain into concrete headwalls. (See Article 601.05 of the Standard Specifications and Highway Standard 601101).

TOTAL BILL OF MATERIAL

ITEM	UNIT	SUPER	SUB	TOTAL
Stone Riprap, Class A4	Sq. Yd.	-	370	370
Filter Fabric	Sq. Yd.	-	370	370
Removal of Existing Superstructures No. 1	Each	1	-	1
Removal of Existing Superstructures No. 2	Each	1	-	1
Concrete Removal	Cu. Yd.	-	31.0	31.0
Slope Wall Removal	Sq. Yd.	-	70	70
Structure Excavation	Cu. Yd.	-	234	234
Concrete Structures	Cu. Yd.	-	50.8	50.8
Concrete Superstructure	Cu. Yd.	669.8	-	669.8
Protective Coat	Sq. Yd.	1,810	-	1,810
Concrete Superstructure (Approach Slab)	Cu. Yd.	238.0	-	238.0
Reinforcement Bars, Epoxy Coated	Pound	319,860	9,680	329,540
Bar Splicers	Each	986	160	1,146
Name Plates	Each	2	-	2
Temporary Soil Retention System	Sq. Ft.	-	208	208
Granular Backfill for Structures	Cu. Yd.	-	220	220
Epoxy Crack Injection	Foot	-	34	34
Geocomposite Wall Drain	Sq. Yd.	-	132	132
Controlled Low-Strength Material	Cu. Yd.	-	2	2
Bridge Deck Grooving (Longitudinal)	Sq. Yd.	894	-	894
Structural Repair of Concrete (Depth ≤ 5")	Sq. Ft.	-	30.0	30.0
Diamond Grinding (Bridge Section)	Sq. Yd.	1370	-	1370
Pipe Underdrains for Structures 4"	Foot	-	262	262
Slope Wall Repair	Sq. Yd.	-	1	1

STATION 763+25.00
RE-BUILT 20 BY
STATE OF ILLINOIS
F.A.I. RT. 80 SEC. (06-3B)BR
LOADING HL-93
STRUCTURE NO. 006-0014

STATION 763+25.00
RE-BUILT 20 BY
STATE OF ILLINOIS
F.A.I. RT. 80 SEC. (06-3B)BR
LOADING HL-93
STRUCTURE NO. 006-0015

NAME PLATES
See Std. 515001

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

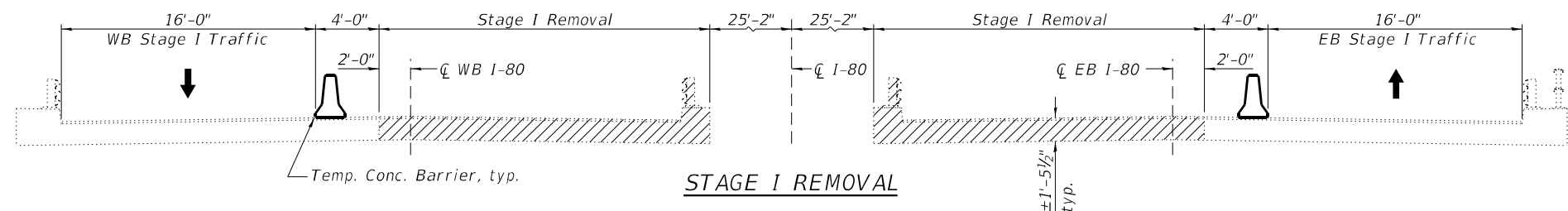
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

GENERAL DATA
STRUCTURE NOS. 006-0014(EB) & 006-0015(WB)

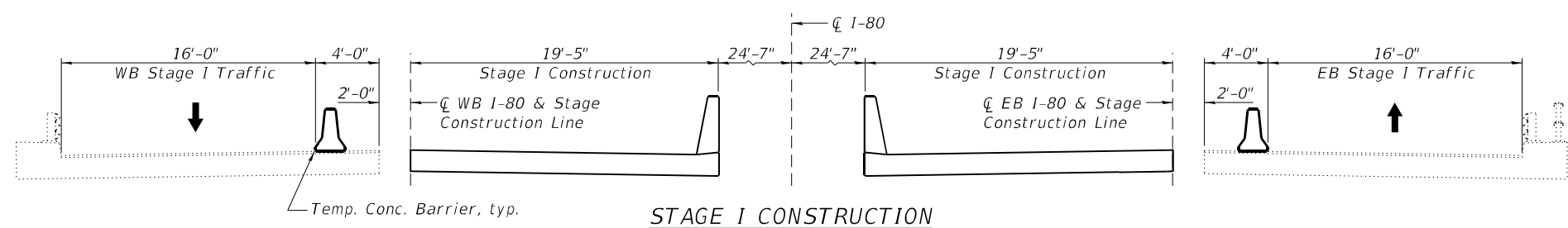
SHEET 2 OF 28 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(06-3B)BR	BUREAU	71	30
CONTRACT NO. 66J01				
ILLINOIS FED. AID PROJECT				

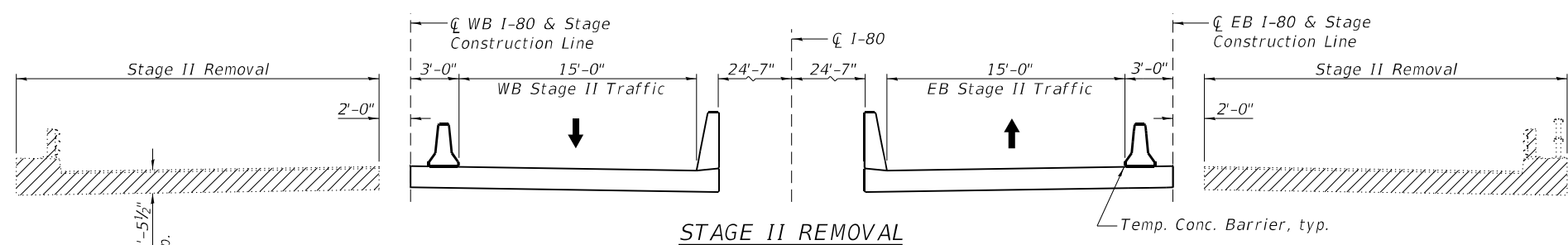
USER NAME =	DESIGNED - VPT	REVISED -
PLOT SCALE =	CHECKED - CL	REVISED -
PLOT DATE = 8/3/2021	DRAWN - AJF	REVISED -
	CHECKED - MTH	REVISED -



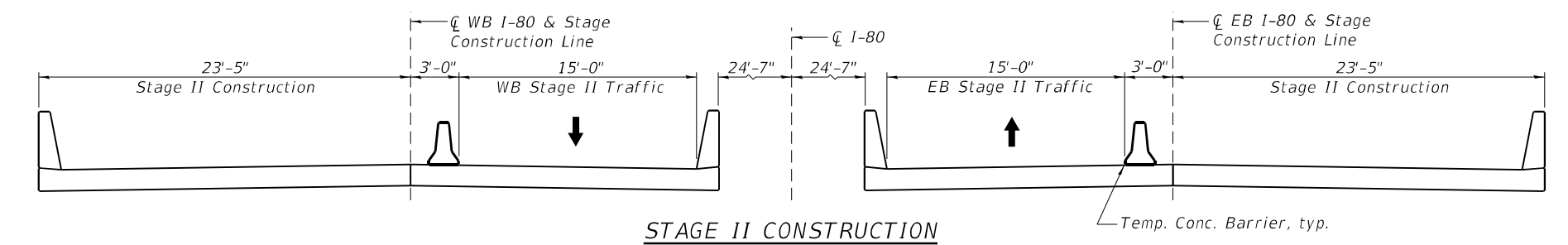
STAGE I REMOVAL



STAGE I CONSTRUCTION

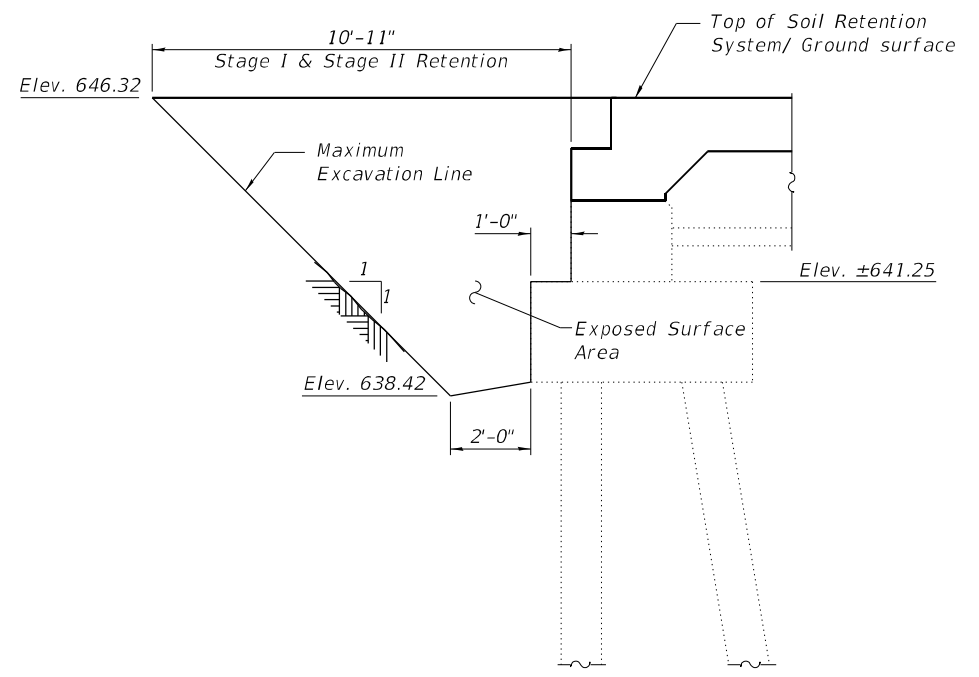


STAGE II REMOVAL

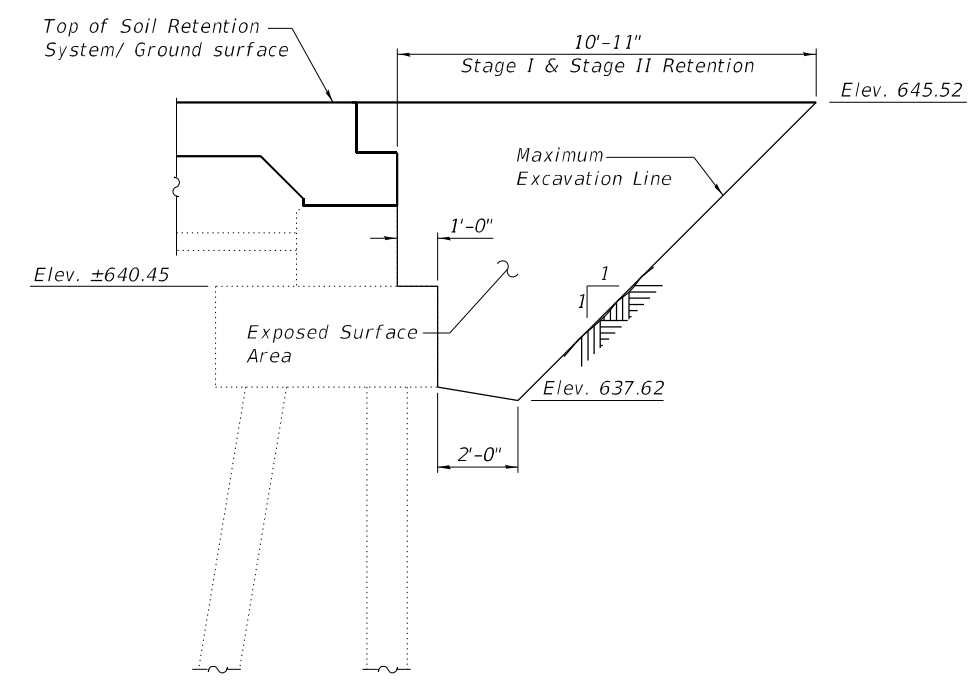


STAGE II CONSTRUCTION

Notes:
 All sections are looking east.
 Hatching represents removal limits.
 See roadway plans for quantity of Temporary Concrete Barrier.
 See Sheet 4 of 28 for details of Temporary Concrete Barrier.
 Removal of existing bridge railing is included with Removal of Existing Superstructures.



TEMPORARY SOIL RETENTION SYSTEM AT WEST ABUTMENT



TEMPORARY SOIL RETENTION SYSTEM AT EAST ABUTMENT

A cantilevered sheet piling design does not appear feasible and additional members or other retention systems may be necessary. The Contractor shall submit a temporary soil retention system design including plan details and calculations for review and acceptance by the Engineer.

MODEL: Default
 FILE NAME: E:\1815-2-Struct\Final_Design\CADD\CADD_Sheets\060014&0015-6610-1-003-Stage_Const_Details.scd



USER NAME =	DESIGNED - VPT	REVISED -
PLOT SCALE =	CHECKED - CL	REVISED -
PLOT DATE = 8/3/2021	DRAWN - AJF	REVISED -
	CHECKED - MTH	REVISED -

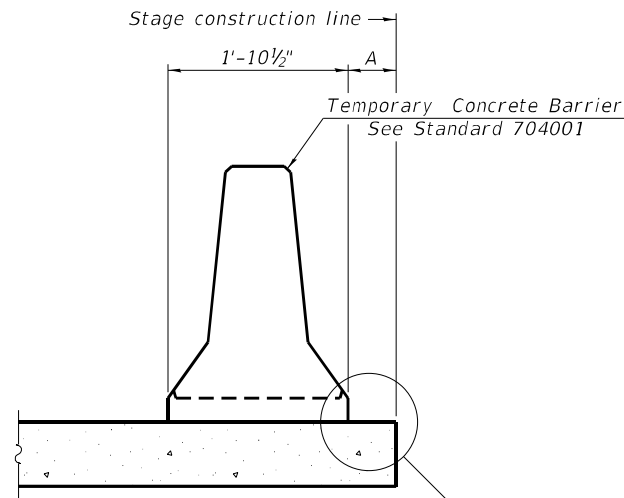
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**STAGE CONSTRUCTION DETAILS
 STRUCTURE NOS. 006-0014(EB) & 006-0015(WB)**

SHEET 3 OF 28 SHEETS

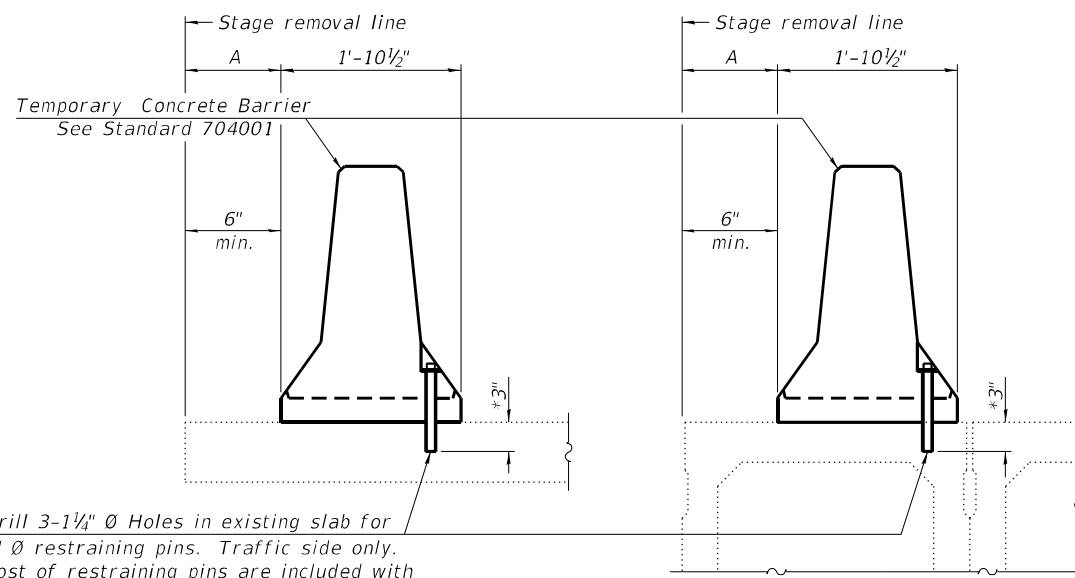
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(06-3B)BR	BUREAU	71	31
CONTRACT NO. 66J01				

ILLINOIS FED. AID PROJECT



When "A" is 3'-1" or less, the temporary concrete barrier shall be restrained to the new slab according to Detail I, II or III. No restraint is required when "A" is greater than 3'-1".

NEW SLAB OR NEW DECK BEAM

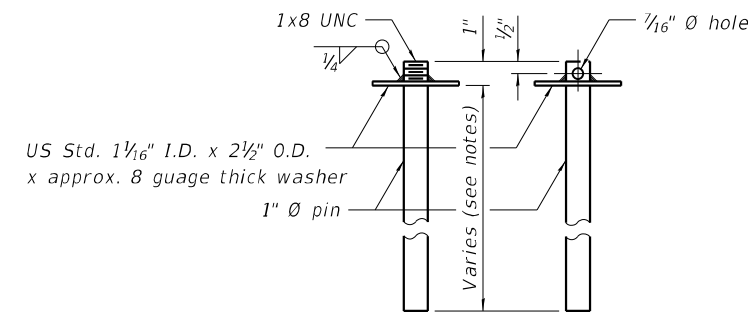


Drill 3-1/4" Ø Holes in existing slab for 1" Ø restraining pins. Traffic side only. Cost of restraining pins are included with Temporary Concrete Barrier. No restraint is required when "A" is greater than 3'-1".

EXISTING SLAB

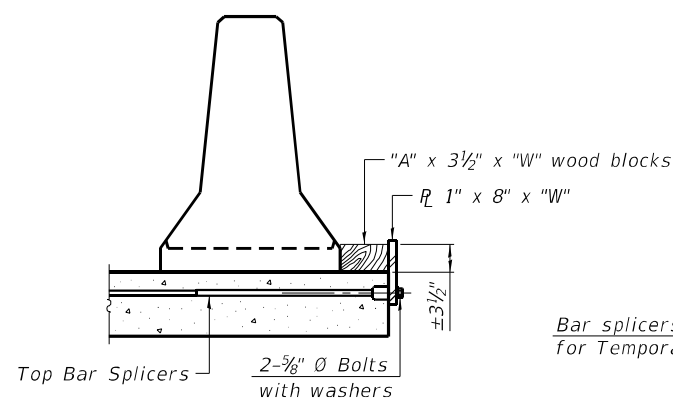
* When hot-mix asphalt wearing surface is present, embedment shall be 3" plus the wearing surface depth.

EXISTING DECK BEAM



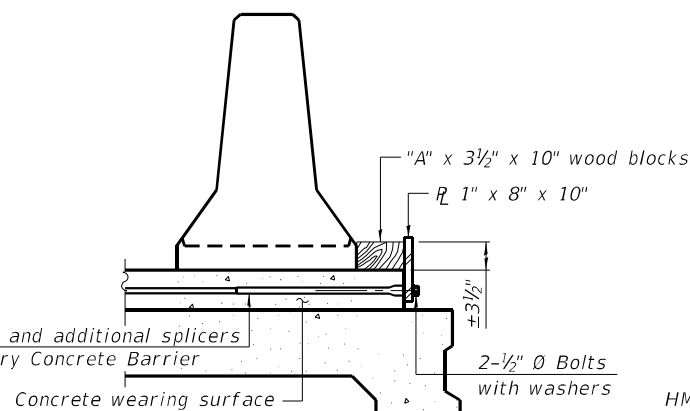
RESTRAINING PIN

SECTIONS THRU SLAB OR DECK BEAM

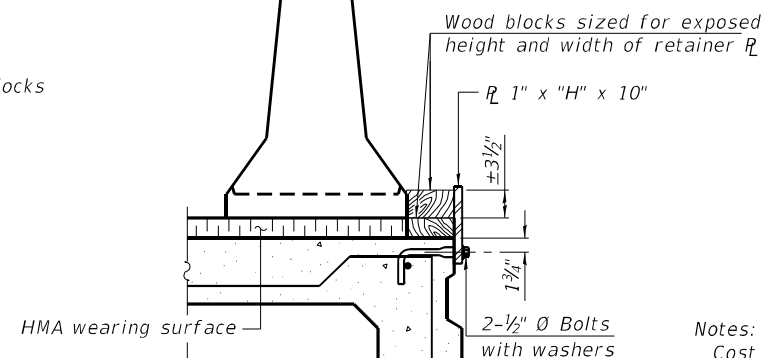


DETAIL I

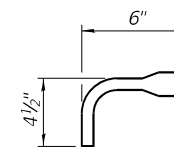
Bar splicers and additional splicers for Temporary Concrete Barrier



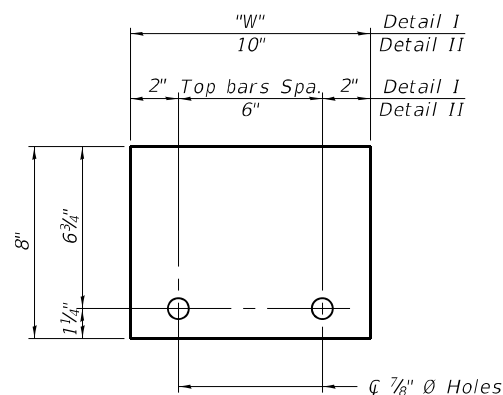
DETAIL II



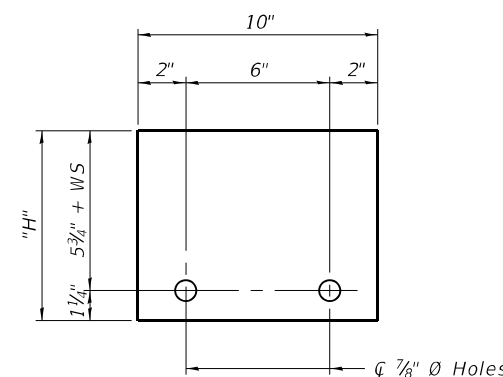
DETAIL III



BAR SPLICER FOR #4 BAR - DETAIL III



STEEL RETAINER R 1" x 8" x "W"
(Detail I and II)



STEEL RETAINER R 1" x "H" x 10"
(Detail III)

Notes:
 Cost of retainer assembly is included with Temporary Concrete Barrier.
 A retainer assembly shall be located at the approximate \bar{C} of each temporary concrete barrier.
 The retainer plate shall not be removed until the concrete on the adjacent stage is ready to be poured. For Detail III applications the retainer plate shall not be removed until just prior to placing the adjacent beam.
 When the 'A' dimension is less than 1 1/2', the wood block shall be omitted and the barrier shall be placed in direct contact with the steel retainer plate. For deck beam applications the minimum required 'A' distance is 6" to accommodate the shear key clamping device.

- Detail I** - Installation for a new bridge deck or bridge slab.
- Detail II** - Installation for a new deck beam with an initial concrete wearing surface. Additional bar splicers shall be provided at 6'-0" centers and paired with the bar splicers of the concrete wearing surface reinforcement to accommodate the installation of the retainer assemblies. The cost of the additional bar splicers is included with the concrete wearing surface.
- Detail III** - Installation for a new deck beam with no initial wearing surface or with an initial hot-mix asphalt (HMA) wearing surface present. The deck beam directly beneath the temporary concrete barrier shall be fabricated with bar splicer inserts in the side of the beam, as detailed, to accommodate the installation of the retainer assemblies. A pair of bar splicers, 6" apart, shall be placed at 6'-0" centers along the length of the beam. The cost of the bar splicers is included with the deck beam.

MODEL: Default
 FILE NAME: E:\1815-2-Struct\Final Design\CADD\CADD Sheets\060014&0015-6610-1-004-Temp Conc Barrier.dgn

R-27 2-17-2017

LE LIN ENGINEERING, LTD.
 Consulting Engineers
 Springfield, Illinois

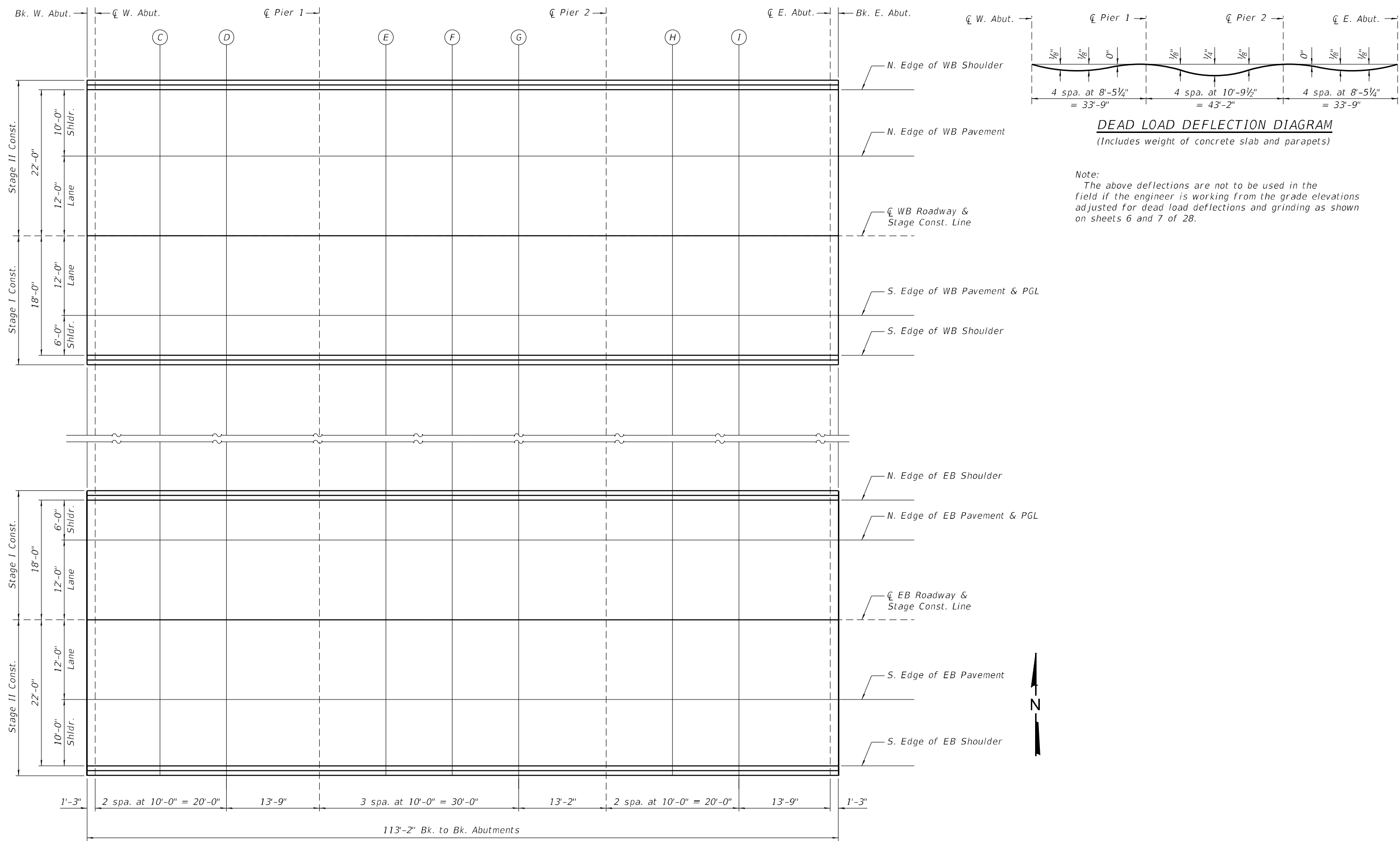
USER NAME =	DESIGNED - VPT	REVISED -
PLOT SCALE =	CHECKED - CL	REVISED -
PLOT DATE = 8/3/2021	DRAWN - AJF	REVISED -
	CHECKED - MTH	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**TEMPORARY CONCRETE BARRIER FOR STAGE CONSTRUCTION
 STRUCTURE NOS. 006-0014(EB) & 006-0015(WB)**

SHEET 4 OF 28 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(06-3B)BR	BUREAU	71	32
CONTRACT NO. 66J01				
ILLINOIS FED. AID PROJECT				



PLAN

(Sheet 1 of 3)

MODEL: Default
FILE NAME: E:\1815-2\Structure\Final Design\CADD\CADD Sheets\0060014&0015-6610-1-005-Top of Slab Elev.dgn

LE LIN ENGINEERING, LTD.
Consulting Engineers
Springfield, Illinois

USER NAME =	DESIGNED - VPT	REVISED -
PLOT SCALE =	CHECKED - CL	REVISED -
PLOT DATE = 8/3/2021	DRAWN - AJF	REVISED -
	CHECKED - MTH	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**TOP OF SLAB ELEVATIONS
STRUCTURE NOS. 006-0014(EB) & 006-0015(WB)**

SHEET 5 OF 28 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(06-3B)BR	BUREAU	71	33
CONTRACT NO. 66J01				
ILLINOIS FED. AID PROJECT				

N. EDGE OF WB SHOULDER

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection and Grinding
Bk. W. Abut.	762+68.42	-34.00	645.96	645.98
☐ W. Abut.	762+69.67	-34.00	645.95	645.97
C	762+79.67	-34.00	645.88	645.91
D	762+89.67	-34.00	645.81	645.84
☐ Pier 1	763+03.42	-34.00	645.72	645.74
E	763+13.42	-34.00	645.65	645.68
F	763+23.42	-34.00	645.58	645.61
G	763+33.42	-34.00	645.51	645.54
☐ Pier 2	763+46.59	-34.00	645.42	645.44
H	763+56.59	-34.00	645.35	645.38
I	763+66.59	-34.00	645.28	645.31
☐ E. Abut.	763+80.34	-34.00	645.19	645.21
Bk. E. Abut.	763+81.59	-34.00	645.18	645.20

N. EDGE OF WB PAVEMENT

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection and Grinding
Bk. W. Abut.	762+68.42	-24.00	646.11	646.13
☐ W. Abut.	762+69.67	-24.00	646.10	646.12
C	762+79.67	-24.00	646.03	646.06
D	762+89.67	-24.00	645.96	645.99
☐ Pier 1	763+03.42	-24.00	645.87	645.89
E	763+13.42	-24.00	645.80	645.83
F	763+23.42	-24.00	645.73	645.76
G	763+33.42	-24.00	645.66	645.69
☐ Pier 2	763+46.59	-24.00	645.57	645.59
H	763+56.59	-24.00	645.50	645.53
I	763+66.59	-24.00	645.43	645.46
☐ E. Abut.	763+80.34	-24.00	645.34	645.36
Bk. E. Abut.	763+81.59	-24.00	645.33	645.35

☐ WB ROADWAY & STAGE CONST. LINE

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection and Grinding
Bk. W. Abut.	762+68.42	-12.00	646.29	646.31
☐ W. Abut.	762+69.67	-12.00	646.28	646.30
C	762+79.67	-12.00	646.21	646.24
D	762+89.67	-12.00	646.14	646.17
☐ Pier 1	763+03.42	-12.00	646.05	646.07
E	763+13.42	-12.00	645.98	646.01
F	763+23.42	-12.00	645.91	645.94
G	763+33.42	-12.00	645.84	645.87
☐ Pier 2	763+46.59	-12.00	645.75	645.77
H	763+56.59	-12.00	645.68	645.71
I	763+66.59	-12.00	645.61	645.64
☐ E. Abut.	763+80.34	-12.00	645.52	645.54
Bk. E. Abut.	763+81.59	-12.00	645.51	645.53

S. EDGE OF WB PAVEMENT & PGL

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection and Grinding
Bk. W. Abut.	762+68.42	0.00	646.11	646.13
☐ W. Abut.	762+69.67	0.00	646.10	646.12
C	762+79.67	0.00	646.03	646.06
D	762+89.67	0.00	645.96	645.99
☐ Pier 1	763+03.42	0.00	645.87	645.89
E	763+13.42	0.00	645.80	645.83
F	763+23.42	0.00	645.73	645.76
G	763+33.42	0.00	645.66	645.69
☐ Pier 2	763+46.59	0.00	645.57	645.59
H	763+56.59	0.00	645.50	645.53
I	763+66.59	0.00	645.43	645.46
☐ E. Abut.	763+80.34	0.00	645.34	645.36
Bk. E. Abut.	763+81.59	0.00	645.33	645.35

S. EDGE OF WB SHOULDER

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection and Grinding
Bk. W. Abut.	762+68.42	6.00	646.02	646.04
☐ W. Abut.	762+69.67	6.00	646.01	646.03
C	762+79.67	6.00	645.94	645.97
D	762+89.67	6.00	645.87	645.90
☐ Pier 1	763+03.42	6.00	645.78	645.80
E	763+13.42	6.00	645.71	645.74
F	763+23.42	6.00	645.64	645.67
G	763+33.42	6.00	645.57	645.60
☐ Pier 2	763+46.59	6.00	645.48	645.50
H	763+56.59	6.00	645.41	645.44
I	763+66.59	6.00	645.34	645.37
☐ E. Abut.	763+80.34	6.00	645.25	645.27
Bk. E. Abut.	763+81.59	6.00	645.24	645.26

Note:
All offsets are measured from PGL of respective structure.

(Sheet 2 of 3)

MODEL: Default
FILE NAME: E:\1815-2-Struct\Final Design\CADD\CADD Sheets\060014&0015-6610-1-006-Top of Slab Elevations.dgn

LE LIN ENGINEERING, LTD. Consulting Engineers Springfield, Illinois	USER NAME =	DESIGNED - VPT	REVISED -
		CHECKED - CL	REVISED -
	PLOT SCALE =	DRAWN - AJF	REVISED -
	PLOT DATE = 8/3/2021	CHECKED - MTH	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**TOP OF SLAB ELEVATIONS
STRUCTURE NOS. 006-0014(EB) & 006-0015(WB)**

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	(06-3B)BR	BUREAU	71	34
CONTRACT NO. 66J01				
SHEET 6 OF 28 SHEETS				
ILLINOIS FED. AID PROJECT				

N. EDGE OF EB SHOULDER

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection and Grinding
Bk. W. Abut.	762+68.42	-6.00	646.06	646.08
☐ W. Abut.	762+69.67	-6.00	646.05	646.07
C	762+79.67	-6.00	645.97	646.00
D	762+89.67	-6.00	645.90	645.92
☐ Pier 1	763+03.42	-6.00	645.79	645.81
E	763+13.42	-6.00	645.71	645.74
F	763+23.42	-6.00	645.64	645.67
G	763+33.42	-6.00	645.56	645.59
☐ Pier 2	763+46.59	-6.00	645.46	645.48
H	763+56.59	-6.00	645.38	645.41
I	763+66.59	-6.00	645.31	645.34
☐ E. Abut.	763+80.34	-6.00	645.20	645.22
Bk. E. Abut.	763+81.59	-6.00	645.19	645.21

N. EDGE OF EB PAVEMENT & PGL

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection and Grinding
Bk. W. Abut.	762+68.42	0.00	646.15	646.17
☐ W. Abut.	762+69.67	0.00	646.14	646.16
C	762+79.67	0.00	646.06	646.09
D	762+89.67	0.00	645.99	646.01
☐ Pier 1	763+03.42	0.00	645.88	645.90
E	763+13.42	0.00	645.80	645.83
F	763+23.42	0.00	645.73	645.76
G	763+33.42	0.00	645.65	645.68
☐ Pier 2	763+46.59	0.00	645.55	645.57
H	763+56.59	0.00	645.47	645.50
I	763+66.59	0.00	645.40	645.43
☐ E. Abut.	763+80.34	0.00	645.29	645.31
Bk. E. Abut.	763+81.59	0.00	645.28	645.30

☐ EB ROADWAY & STAGE CONST. LINE

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection and Grinding
Bk. W. Abut.	762+68.42	12.00	646.33	646.35
☐ W. Abut.	762+69.67	12.00	646.32	646.34
C	762+79.67	12.00	646.24	646.27
D	762+89.67	12.00	646.17	646.19
☐ Pier 1	763+03.42	12.00	646.06	646.08
E	763+13.42	12.00	645.98	646.01
F	763+23.42	12.00	645.91	645.94
G	763+33.42	12.00	645.83	645.86
☐ Pier 2	763+46.59	12.00	645.73	645.75
H	763+56.59	12.00	645.65	645.68
I	763+66.59	12.00	645.58	645.61
☐ E. Abut.	763+80.34	12.00	645.47	645.49
Bk. E. Abut.	763+81.59	12.00	645.46	645.48

S. EDGE OF EB PAVEMENT

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection and Grinding
Bk. W. Abut.	762+68.42	24.00	646.15	646.17
☐ W. Abut.	762+69.67	24.00	646.14	646.16
C	762+79.67	24.00	646.06	646.09
D	762+89.67	24.00	645.99	646.01
☐ Pier 1	763+03.42	24.00	645.88	645.90
E	763+13.42	24.00	645.80	645.83
F	763+23.42	24.00	645.73	645.76
G	763+33.42	24.00	645.65	645.68
☐ Pier 2	763+46.59	24.00	645.55	645.57
H	763+56.59	24.00	645.47	645.50
I	763+66.59	24.00	645.40	645.43
☐ E. Abut.	763+80.34	24.00	645.29	645.31
Bk. E. Abut.	763+81.59	24.00	645.28	645.30

S. EDGE OF EB SHOULDER

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection and Grinding
Bk. W. Abut.	762+68.42	34.00	646.00	646.02
☐ W. Abut.	762+69.67	34.00	645.99	646.01
C	762+79.67	34.00	645.91	645.94
D	762+89.67	34.00	645.84	645.86
☐ Pier 1	763+03.42	34.00	645.73	645.75
E	763+13.42	34.00	645.65	645.68
F	763+23.42	34.00	645.58	645.61
G	763+33.42	34.00	645.50	645.53
☐ Pier 2	763+46.59	34.00	645.40	645.42
H	763+56.59	34.00	645.32	645.35
I	763+66.59	34.00	645.25	645.28
☐ E. Abut.	763+80.34	34.00	645.14	645.16
Bk. E. Abut.	763+81.59	34.00	645.13	645.15

Note:
All offsets are measured from PGL of respective structure.

(Sheet 3 of 3)

MODEL: Default
FILE NAME: E:\1815+2\Structure\Final Design\CADD\CADD Sheets\0060014&0015+6610+007+Top of Slab Elevations.dgn



USER NAME =	DESIGNED - VPT	REVISED -
	CHECKED - CL	REVISED -
PLOT SCALE =	DRAWN - AJF	REVISED -
PLOT DATE = 8/3/2021	CHECKED - MTH	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**TOP OF SLAB ELEVATIONS
STRUCTURE NOS. 006-0014(EB) & 006-0015(WB)**

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(06-3B)BR	BUREAU	71	35
CONTRACT NO. 66J01				
ILLINOIS FED.AID PROJECT				

N. EDGE OF WB SHOULDER

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Grinding
W. End of West Approach Slab	762+39.42	-34.00	646.16	646.18
A	762+49.42	-34.00	646.09	646.11
B	762+59.42	-34.00	646.02	646.04
E. End of West Approach Slab	762+69.42	-34.00	645.95	645.97

N. EDGE OF WB PAVEMENT

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Grinding
W. End of West Approach Slab	762+39.42	-24.00	646.31	646.33
A	762+49.42	-24.00	646.24	646.26
B	762+59.42	-24.00	646.17	646.19
E. End of West Approach Slab	762+69.42	-24.00	646.10	646.12

CL WB ROADWAY & STAGE CONST. LINE

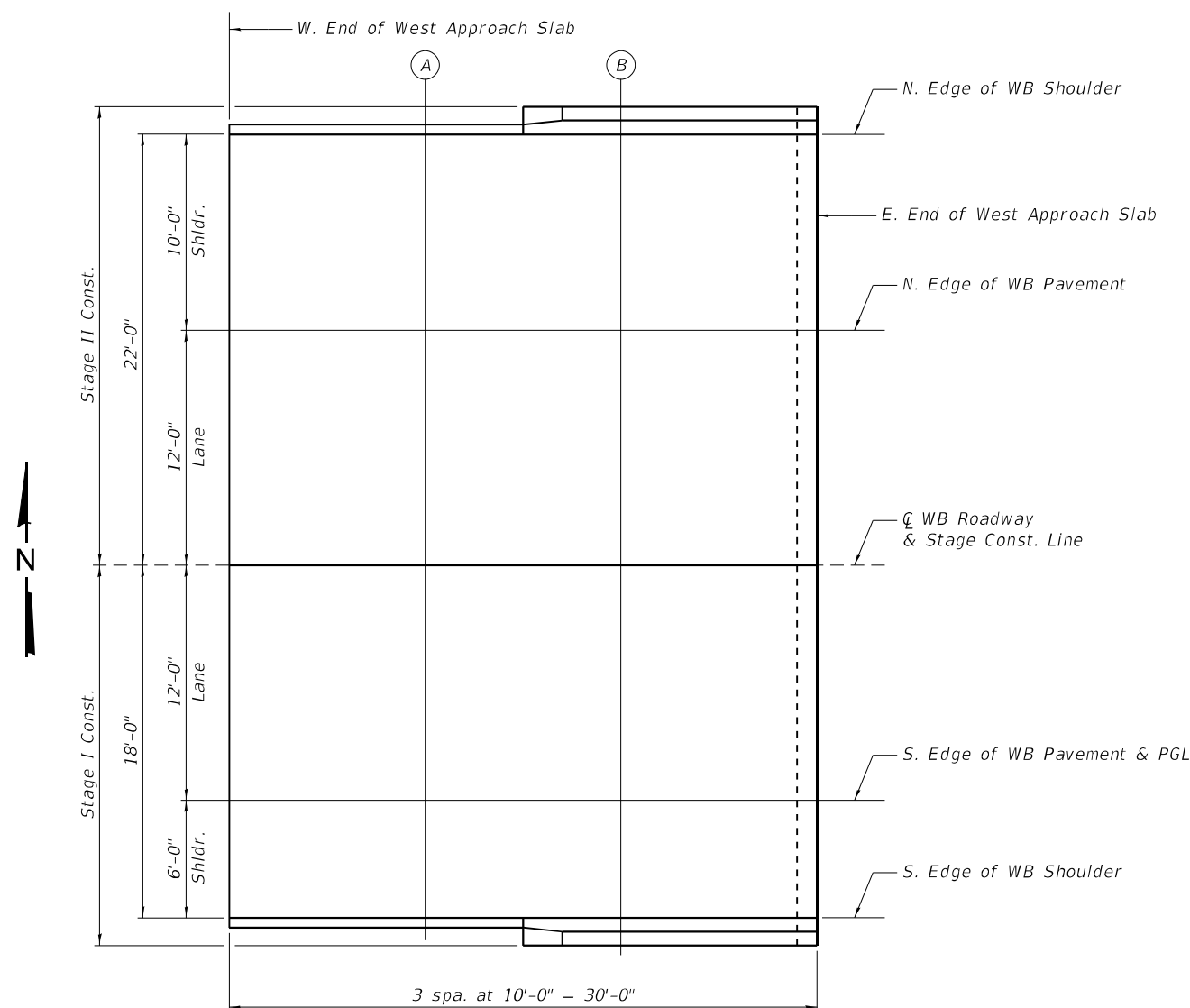
Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Grinding
W. End of West Approach Slab	762+39.42	-12.00	646.49	646.51
A	762+49.42	-12.00	646.42	646.44
B	762+59.42	-12.00	646.35	646.37
E. End of West Approach Slab	762+69.42	-12.00	646.28	646.30

S. EDGE OF WB PAVEMENT & PGL

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Grinding
W. End of West Approach Slab	762+39.42	0.00	646.31	646.33
A	762+49.42	0.00	646.24	646.26
B	762+59.42	0.00	646.17	646.19
E. End of West Approach Slab	762+69.42	0.00	646.10	646.12

S. EDGE OF WB SHOULDER

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Grinding
W. End of West Approach Slab	762+39.42	6.00	646.22	646.24
A	762+49.42	6.00	646.15	646.17
B	762+59.42	6.00	646.08	646.10
E. End of West Approach Slab	762+69.42	6.00	646.01	646.03



PLAN
West Approach (WB)

Note:
All offsets are measured from PGL of respective structure.

(Sheet 1 of 4)

MODEL: Default
FILE NAME: E:\1815-2\Structure\Final_Design\CADD\CADD_Sheets\060014&0015-6610-1-008-Top_Appr_Slab_Elevs.dgn

LE LIN ENGINEERING, LTD.
Consulting Engineers
Springfield, Illinois

USER NAME =	DESIGNED - VPT	REVISED -
	CHECKED - CL	REVISED -
PLOT SCALE =	DRAWN - AJF	REVISED -
PLOT DATE = 8/3/2021	CHECKED - MTH	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TOP OF APPROACH SLAB ELEVATIONS
STRUCTURE NOS. 006-0014(EB) & 006-0015(WB)

SHEET 8 OF 28 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(06-3B)BR	BUREAU	71	36
CONTRACT NO. 66J01				
ILLINOIS FED. AID PROJECT				

N. EDGE OF WB SHOULDER

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Grinding
W. End of East Approach Slab	763+80.58	-34.00	645.19	645.21
J	763+90.58	-34.00	645.12	645.14
K	764+00.58	-34.00	645.05	645.07
E. End of East Approach Slab	764+10.58	-34.00	644.98	645.00

N. EDGE OF WB PAVEMENT

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Grinding
W. End of East Approach Slab	763+80.58	-24.00	645.34	645.36
J	763+90.58	-24.00	645.27	645.29
K	764+00.58	-24.00	645.20	645.22
E. End of East Approach Slab	764+10.58	-24.00	645.13	645.15

☐ WB ROADWAY & STAGE CONST. LINE

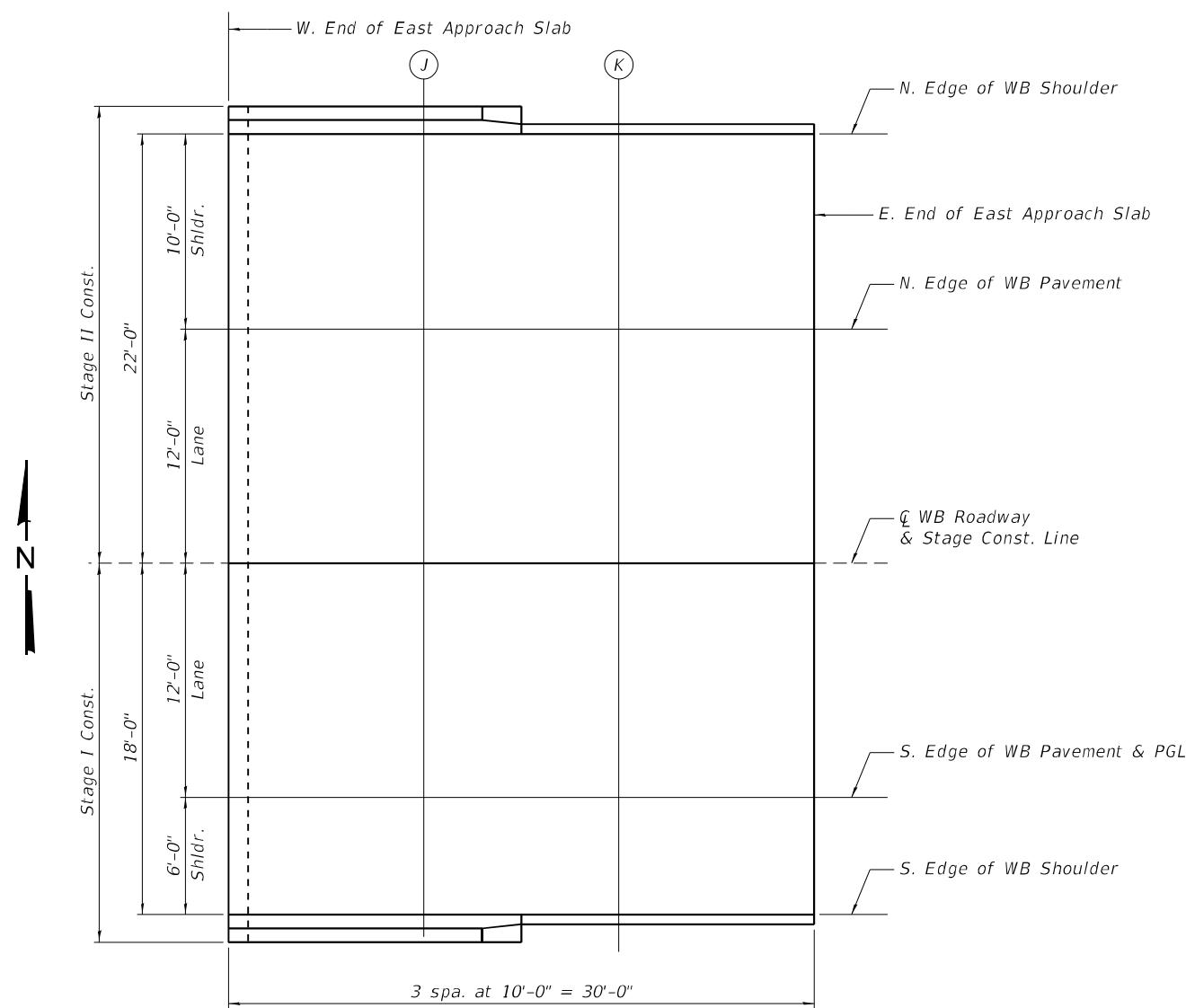
Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Grinding
W. End of East Approach Slab	763+80.58	-12.00	645.52	645.54
J	763+90.58	-12.00	645.45	645.47
K	764+00.58	-12.00	645.38	645.40
E. End of East Approach Slab	764+10.58	-12.00	645.31	645.33

S. EDGE OF WB PAVEMENT & PGL

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Grinding
W. End of East Approach Slab	763+80.58	0.00	645.34	645.36
J	763+90.58	0.00	645.27	645.29
K	764+00.58	0.00	645.20	645.22
E. End of East Approach Slab	764+10.58	0.00	645.13	645.15

S. EDGE OF WB SHOULDER

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Grinding
W. End of East Approach Slab	763+80.58	6.00	645.25	645.27
J	763+90.58	6.00	645.18	645.20
K	764+00.58	6.00	645.11	645.13
E. End of East Approach Slab	764+10.58	6.00	645.04	645.06



PLAN
East Approach (WB)

Note:
All offsets are measured from PGL of respective structure.

(Sheet 2 of 4)

MODEL: Default
FILE NAME: E:\1815-2\Structure\Final Design\CADD\CADD Sheets\060014&0015-6610-1-009-Top Appr Slab Elev.dgn



USER NAME =	DESIGNED - VPT	REVISED -
	CHECKED - CL	REVISED -
PLOT SCALE =	DRAWN - AJF	REVISED -
PLOT DATE = 8/3/2021	CHECKED - MTH	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TOP OF APPROACH SLAB ELEVATIONS
STRUCTURE NOS. 006-0014(EB) & 006-0015(WB)

SHEET 9 OF 28 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(06-3B)BR	BUREAU	71	37
CONTRACT NO. 66J01				
ILLINOIS FED. AID PROJECT				

N. EDGE OF EB SHOULDER

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Grinding
W. End of West Approach Slab	762+39.42	-6.00	646.28	646.30
A	762+49.42	-6.00	646.20	646.22
B	762+59.42	-6.00	646.13	646.15
E. End of West Approach Slab	762+69.42	-6.00	646.05	646.07

N. EDGE OF EB PAVEMENT & PGL

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Grinding
W. End of West Approach Slab	762+39.42	0.00	646.37	646.39
A	762+49.42	0.00	646.29	646.31
B	762+59.42	0.00	646.22	646.24
E. End of West Approach Slab	762+69.42	0.00	646.14	646.16

☉ EB ROADWAY & STAGE CONST. LINE

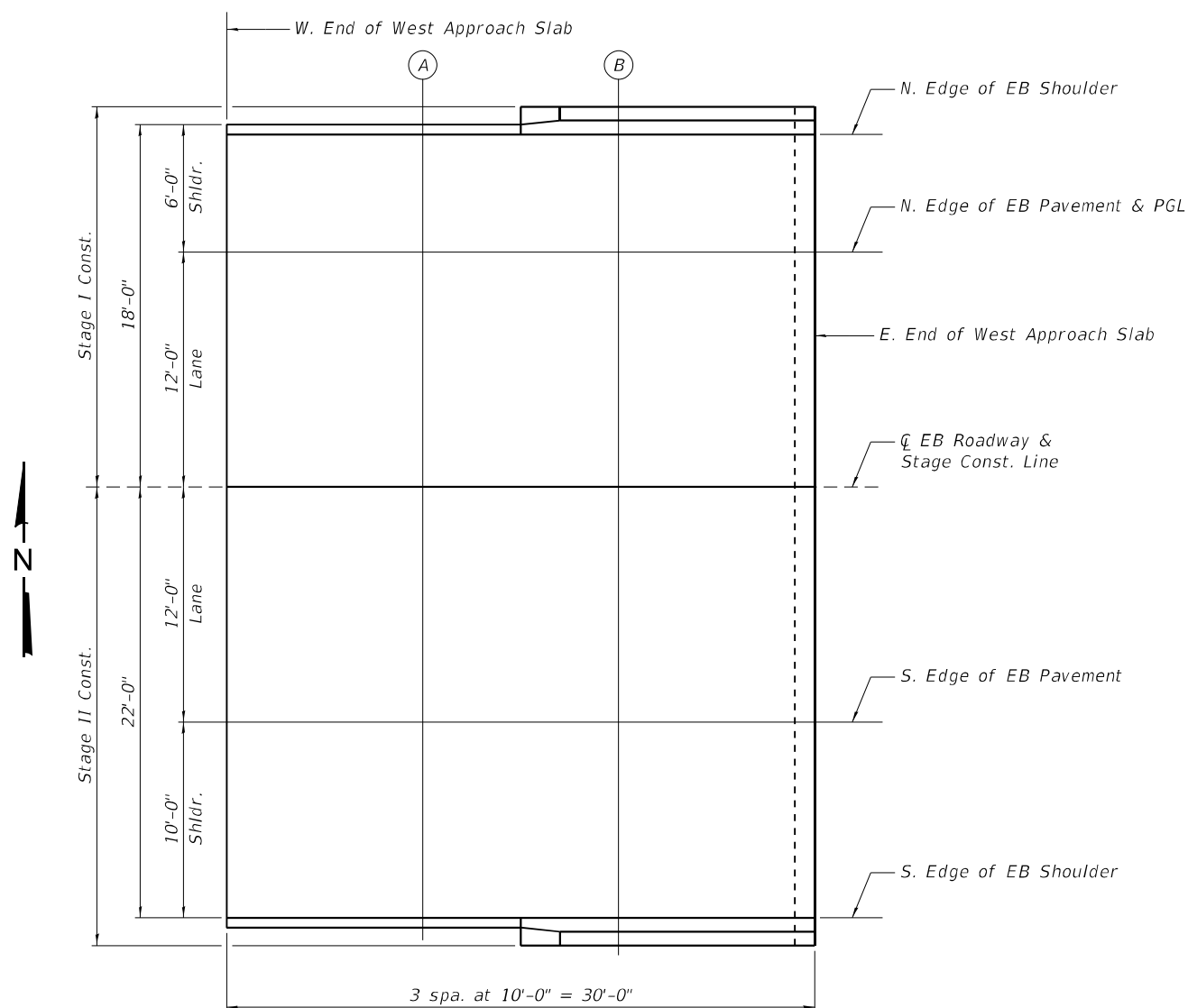
Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Grinding
W. End of West Approach Slab	762+39.42	12.00	646.55	646.57
A	762+49.42	12.00	646.47	646.49
B	762+59.42	12.00	646.40	646.42
E. End of West Approach Slab	762+69.42	12.00	646.32	646.34

S. EDGE OF EB PAVEMENT

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Grinding
W. End of West Approach Slab	762+39.42	24.00	646.37	646.39
A	762+49.42	24.00	646.29	646.31
B	762+59.42	24.00	646.22	646.24
E. End of West Approach Slab	762+69.42	24.00	646.14	646.16

S. EDGE OF EB SHOULDER

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Grinding
W. End of West Approach Slab	762+39.42	34.00	646.22	646.24
A	762+49.42	34.00	646.14	646.16
B	762+59.42	34.00	646.07	646.09
E. End of West Approach Slab	762+69.42	34.00	645.99	646.01



PLAN
West Approach (EB)

Note:
All offsets are measured from PGL of respective structure.

(Sheet 3 of 4)

MODEL: Default
FILE NAME: E:\1815+2\Structure\Final Design\CADD\CADD Sheets\0060014&0015+6610+10+10+Top Appr Slab Elev.dgn

LIN ENGINEERING, LTD. Consulting Engineers Springfield, Illinois	USER NAME =	DESIGNED - VPT	REVISED -
	PLOT SCALE =	CHECKED - CL	REVISED -
	PLOT DATE = 8/3/2021	DRAWN - AJF	REVISED -
		CHECKED - MTH	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TOP OF APPROACH SLAB ELEVATIONS
STRUCTURE NOS. 006-0014(EB) & 006-0015(WB)

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(06-3B)BR	BUREAU	71	38
CONTRACT NO. 66J01				
ILLINOIS FED. AID PROJECT				

N. EDGE OF EB SHOULDER

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Grinding
W. End of East Approach Slab	763+80.58	-6.00	645.20	645.22
J	763+90.58	-6.00	645.12	645.14
K	764+00.58	-6.00	645.05	645.07
E. End of East Approach Slab	764+10.58	-6.00	644.97	644.99

N. EDGE OF EB PAVEMENT & PGL

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Grinding
W. End of East Approach Slab	763+80.58	0.00	645.29	645.31
J	763+90.58	0.00	645.21	645.23
K	764+00.58	0.00	645.14	645.16
E. End of East Approach Slab	764+10.58	0.00	645.06	645.08

☉ EB ROADWAY & STAGE CONST. LINE

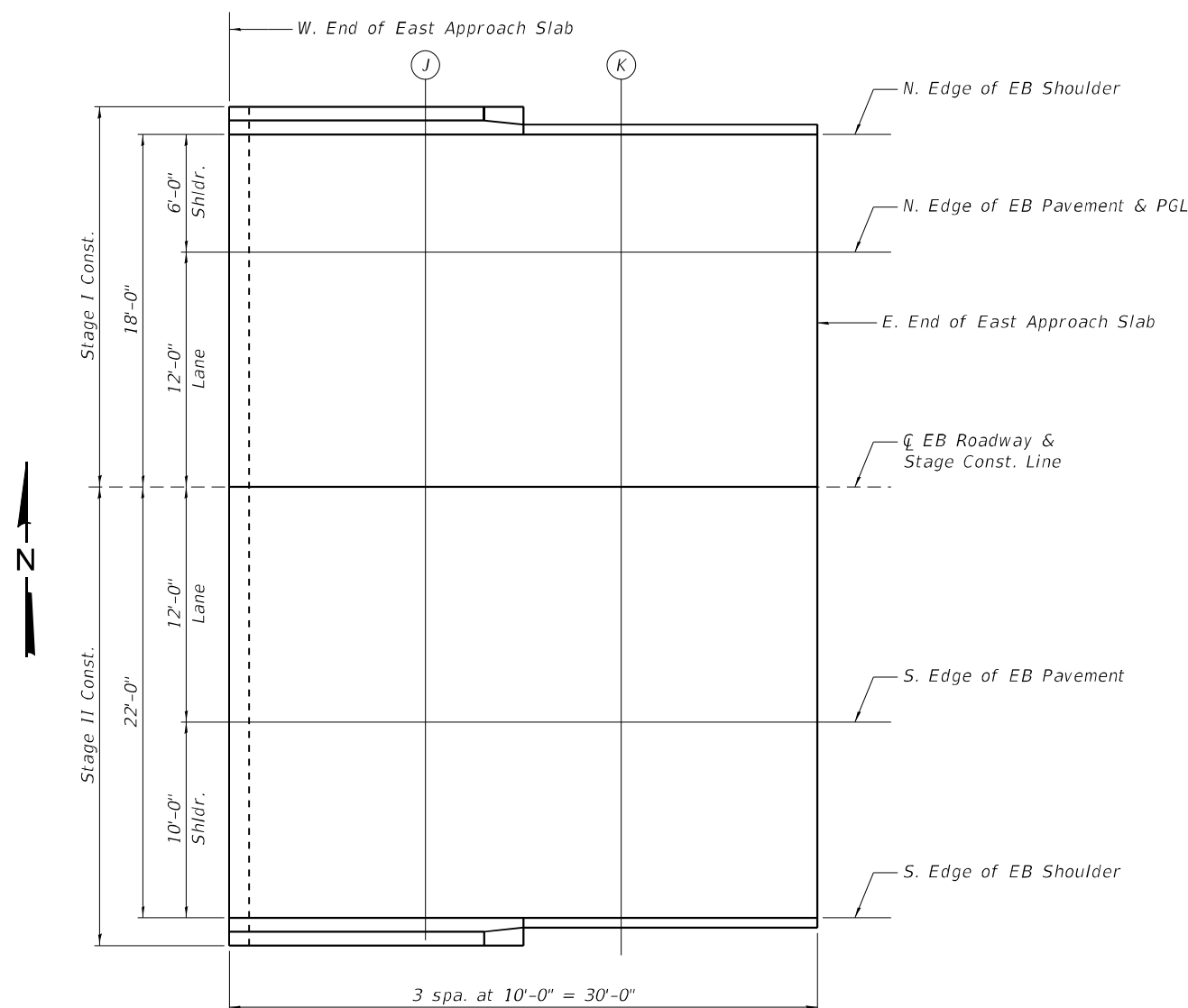
Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Grinding
W. End of East Approach Slab	763+80.58	12.00	645.47	645.49
J	763+90.58	12.00	645.39	645.41
K	764+00.58	12.00	645.32	645.34
E. End of East Approach Slab	764+10.58	12.00	645.24	645.26

S. EDGE OF EB PAVEMENT

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Grinding
W. End of East Approach Slab	763+80.58	24.00	645.29	645.31
J	763+90.58	24.00	645.21	645.23
K	764+00.58	24.00	645.14	645.16
E. End of East Approach Slab	764+10.58	24.00	645.06	645.08

S. EDGE OF EB SHOULDER

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Grinding
W. End of East Approach Slab	763+80.58	34.00	645.14	645.16
J	763+90.58	34.00	645.06	645.08
K	764+00.58	34.00	644.99	645.01
E. End of East Approach Slab	764+10.58	34.00	644.91	644.93



PLAN
East Approach (EB)

Note:
All offsets are measured from PGL of respective structure.

(Sheet 4 of 4)

MODEL: Default
FILE NAME: E:\1815-2-Struct\Final_Design\CADD\CADD_Sheets\060014&0015-6610-1-011-Top_Appr_Slab_Elevs.dgn

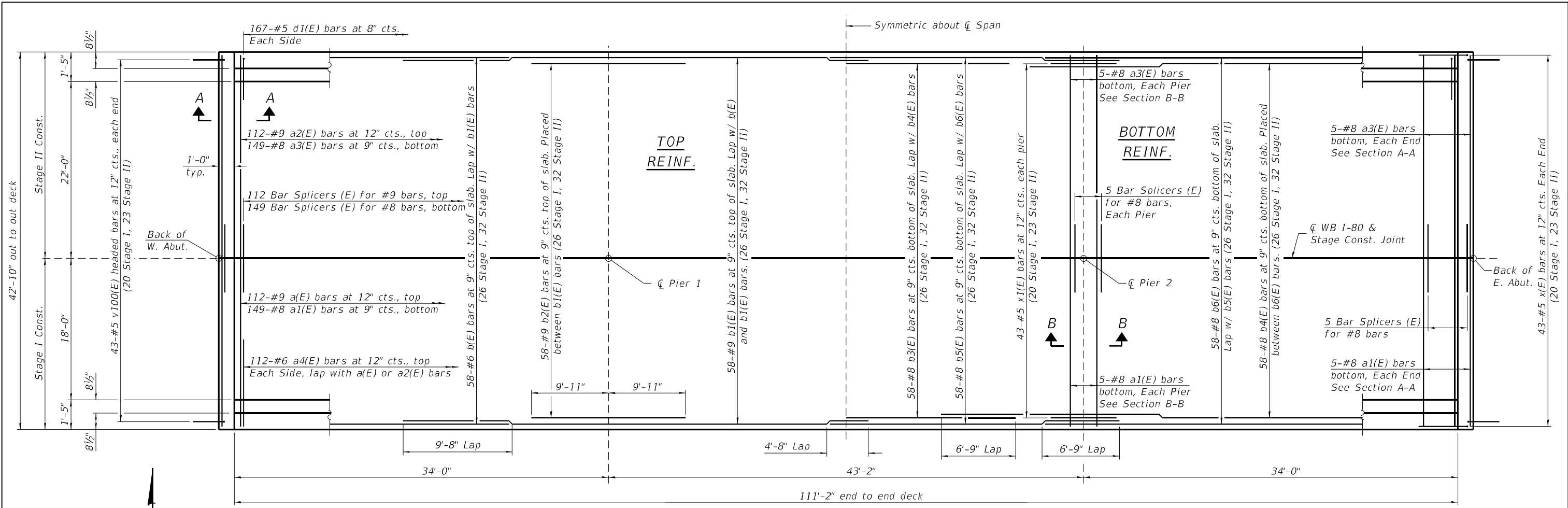
LIN ENGINEERING, LTD. Consulting Engineers Springfield, Illinois	USER NAME =	DESIGNED - VPT	REVISED -
		CHECKED - CL	REVISED -
	PLOT SCALE =	DRAWN - AJF	REVISED -
	PLOT DATE = 8/3/2021	CHECKED - MTH	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**TOP OF APPROACH SLAB ELEVATIONS
STRUCTURE NOS. 006-0014(EB) & 006-0015(WB)**

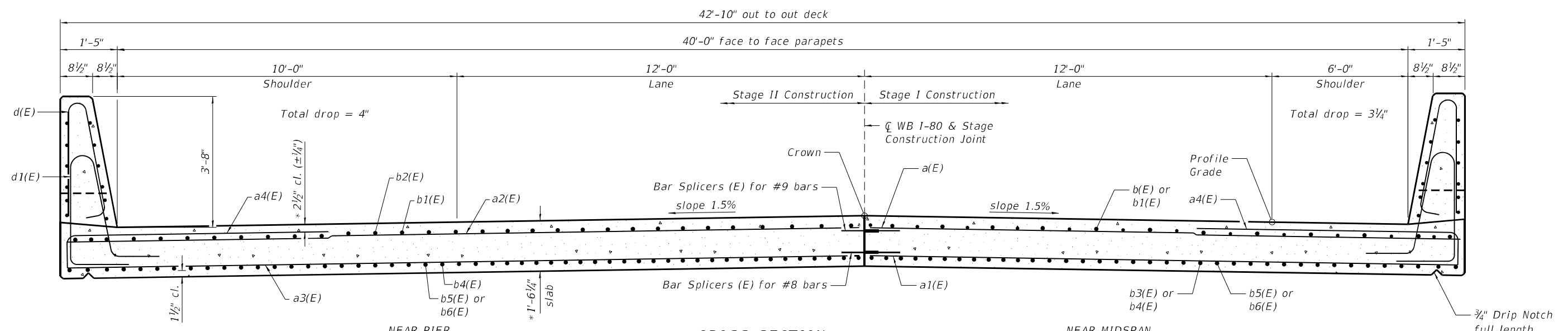
SHEET 11 OF 28 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(06-3B)BR	BUREAU	71	39
CONTRACT NO. 66J01				
ILLINOIS FED. AID PROJECT				



PLAN

Note:
See sheet 14 of 28 for superstructure details and Bill of Material.



CROSS SECTION
(Looking East)

MODEL: Default
FILE NAME: E:\1815-2-Struct\Final Design\CADD\CADD Sheets\060014&0015-6610-1-012-Superstructure.dgn



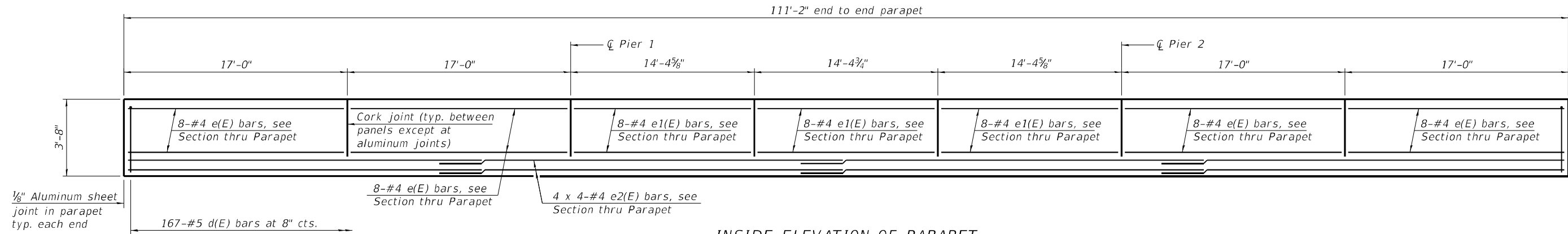
USER NAME =	DESIGNED - VPT	REVISED -
PLOT SCALE =	CHECKED - CL	REVISED -
PLOT DATE = 8/3/2021	DRAWN - AJF	REVISED -
	CHECKED - MTH	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

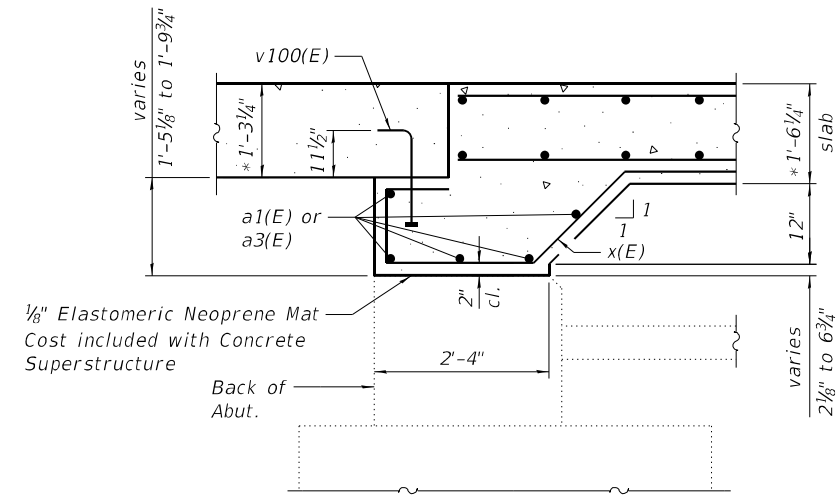
SUPERSTRUCTURE (WB)
STRUCTURE NOS. 006-0014(EB) & 006-0015(WB)

SHEET 12 OF 28 SHEETS

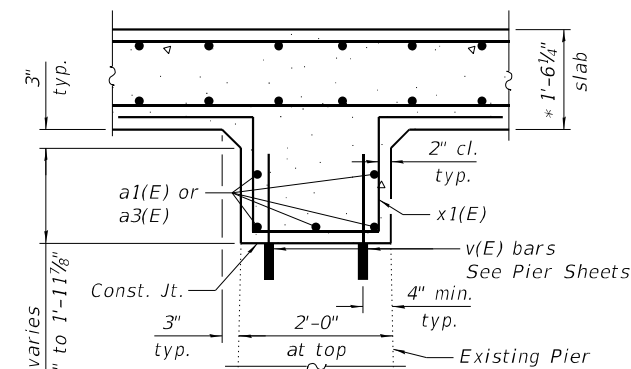
F.A.I. RTE. 80	SECTION (06-3B)BR	COUNTY BUREAU	TOTAL SHEETS 71	SHEET NO. 40
CONTRACT NO. 66J01			ILLINOIS FED. AID PROJECT	



INSIDE ELEVATION OF PARAPET

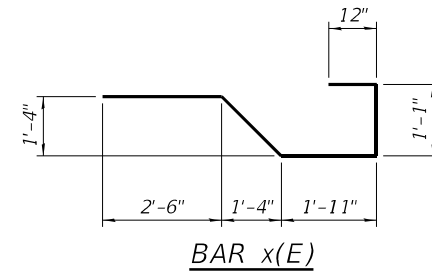


SECTION A-A

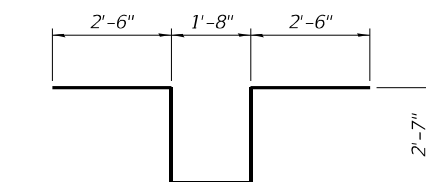


SECTION B-B

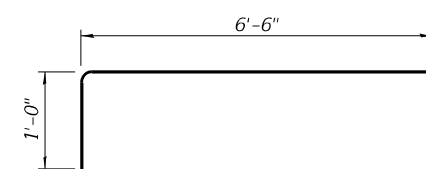
MINIMUM BAR LAP
#4 bar = 2'-5"



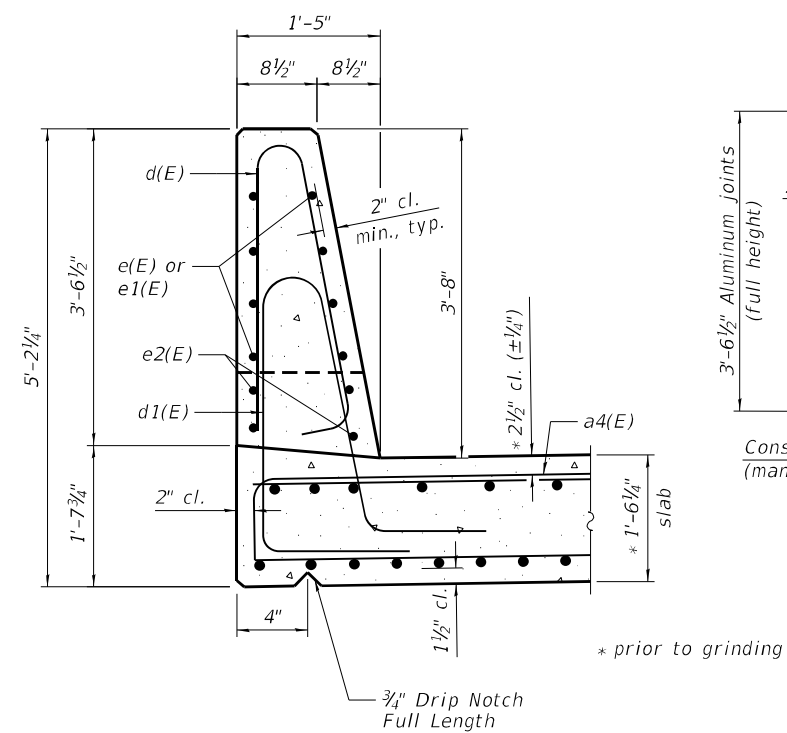
BAR x(E)



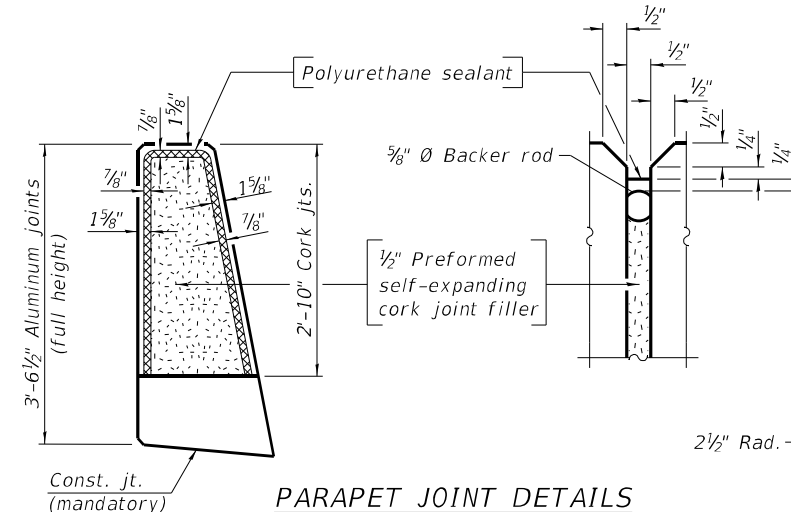
BAR x1(E)



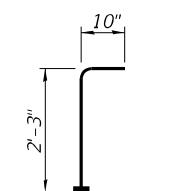
BAR a4(E)



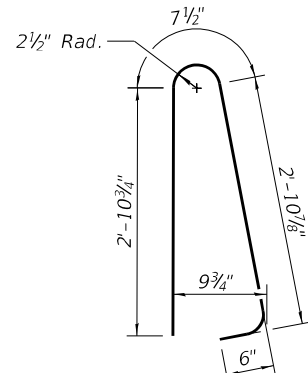
SECTION THRU PARAPET



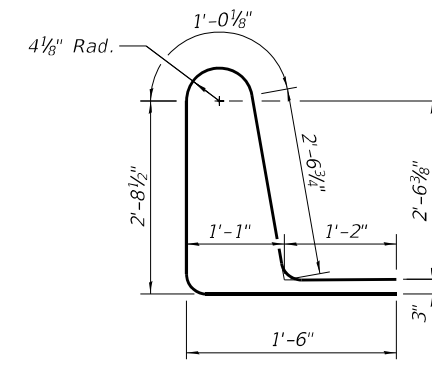
PARAPET JOINT DETAILS



BAR v100(E)
(Headed)



BAR d(E)



BAR d1(E)

SN 006-0014 (EB)
SUPERSTRUCTURE
BILL OF MATERIAL

Bar	No.	Size	Length	Shape
a(E)	112	#9	19'-2"	—
a1(E)	169	#8	19'-2"	—
a2(E)	112	#9	23'-2"	—
a3(E)	169	#8	23'-2"	—
a4(E)	224	#6	7'-6"	┌
b(E)	116	#6	18'-4"	—
b1(E)	116	#9	49'-1"	—
b2(E)	116	#9	19'-10"	—
b3(E)	58	#8	27'-0"	—
b4(E)	116	#8	48'-8"	—
b5(E)	58	#8	50'-0"	—
b6(E)	116	#8	37'-2"	—
d(E)	334	#5	7'-0"	┌
d1(E)	334	#5	9'-0"	┌
e(E)	64	#4	16'-8"	—
e1(E)	48	#4	14'-0"	—
e2(E)	32	#4	29'-7"	—
v100(E)	86	#5	3'-1"	┌
x(E)	86	#5	8'-5"	┌
x1(E)	86	#5	11'-10"	┌
Reinforcement Bars, Epoxy Coated				Lbs. 116,100
Concrete Superstructure				Cu. Yds. 326.4

SN 006-0015 (WB)
SUPERSTRUCTURE
BILL OF MATERIAL

Bar	No.	Size	Length	Shape
a(E)	112	#9	19'-2"	—
a1(E)	169	#8	19'-2"	—
a2(E)	112	#9	23'-2"	—
a3(E)	169	#8	23'-2"	—
a4(E)	224	#6	7'-6"	┌
b(E)	116	#6	18'-4"	—
b1(E)	116	#9	49'-1"	—
b2(E)	116	#9	19'-10"	—
b3(E)	58	#8	27'-0"	—
b4(E)	116	#8	48'-8"	—
b5(E)	58	#8	50'-0"	—
b6(E)	116	#8	37'-2"	—
d(E)	334	#5	7'-0"	┌
d1(E)	334	#5	9'-0"	┌
e(E)	64	#4	16'-8"	—
e1(E)	48	#4	14'-0"	—
e2(E)	32	#4	29'-7"	—
v100(E)	86	#5	3'-1"	┌
x(E)	86	#5	8'-5"	┌
x1(E)	86	#5	11'-10"	┌
Reinforcement Bars, Epoxy Coated				Lbs. 116,100
Concrete Superstructure				Cu. Yds. 326.4

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

MODEL: Default
FILE NAME: EX1815-2-Struct\Final Design\CADD\CADD Sheets\060014&0015-6610-1-014-Superstructure Details.dgn

LE LIN ENGINEERING, LTD.
Consulting Engineers
Springfield, Illinois

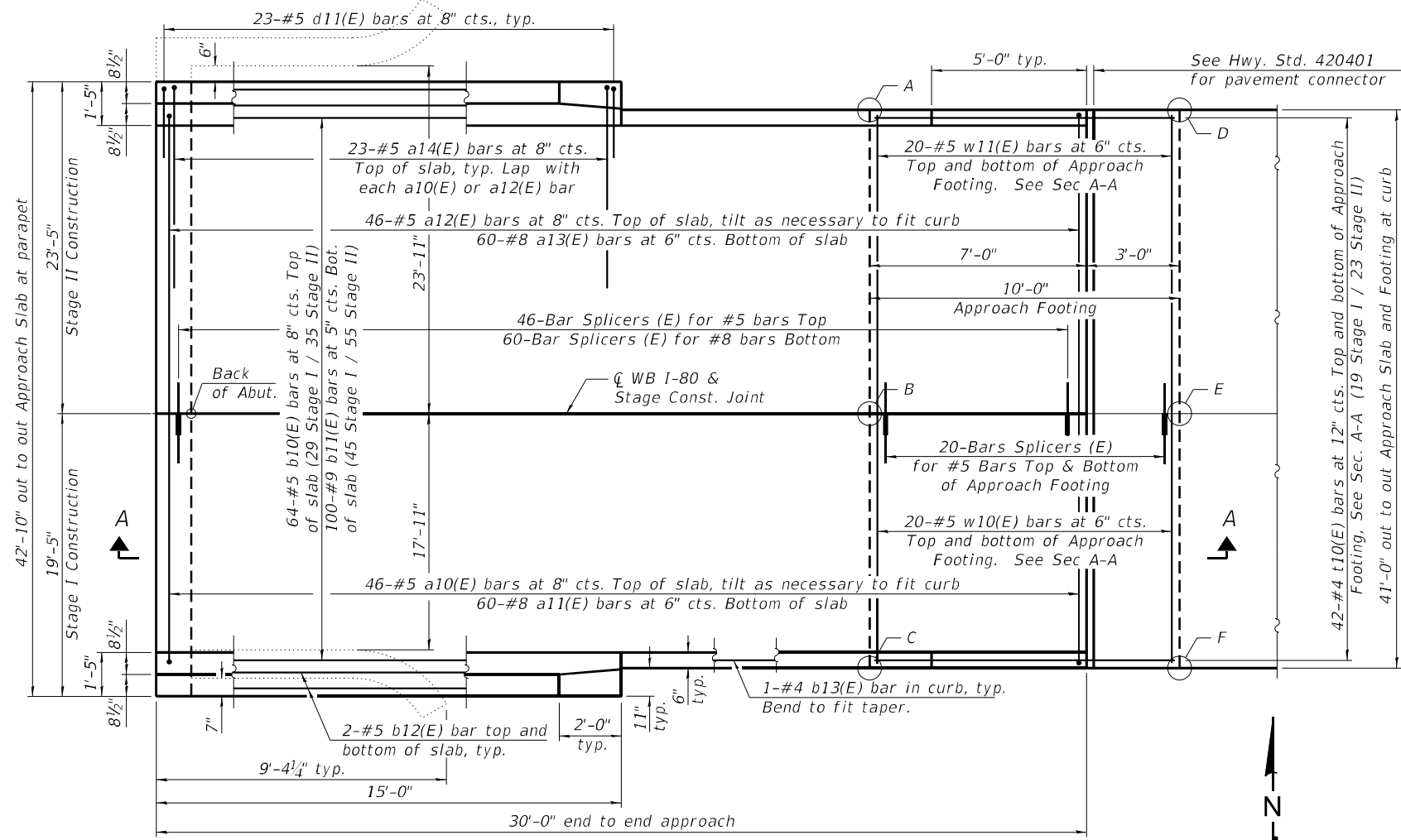
USER NAME =	DESIGNED - VPT	REVISED -
PLOT SCALE =	CHECKED - CL	REVISED -
PLOT DATE = 9/28/2021	DRAWN - AJF	REVISED -
	CHECKED - MTH	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUPERSTRUCTURE DETAILS
STRUCTURE NOS. 006-0014(EB) & 006-0015(WB)

SHEET 14 OF 28 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(06-3B)BR	BUREAU	71	42
CONTRACT NO. 66J01				
ILLINOIS FED. AID PROJECT				

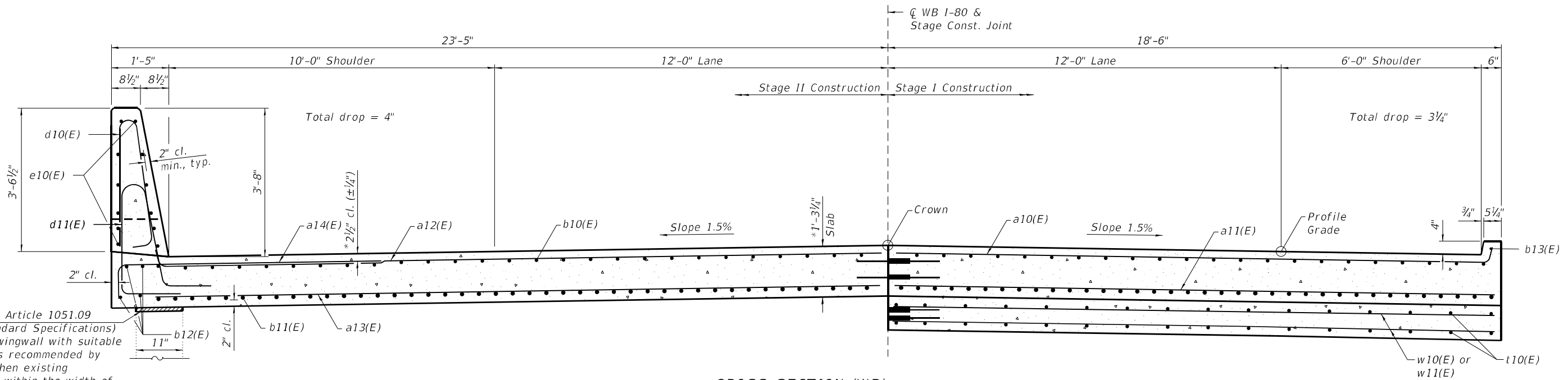


PLAN (WB)
(East Approach Slab shown; West Approach Slab mirrored)

TOP AND BOTTOM ELEVATIONS FOR APPROACH FOOTING

Point	West Approach		East Approach	
	Top	Bottom	Top	Bottom
A	644.86	644.03	643.78	642.94
B	645.19	644.36	644.11	643.27
C	644.92	644.09	643.84	643.00
D	644.93	644.09	643.71	642.88
E	645.26	644.42	644.04	643.21
F	644.99	644.15	643.77	642.94

* prior to grinding



NEAR ABUTMENT

CROSS SECTION (WB)
(Looking East)

AT APPROACH FOOTING

(Sheet 1 of 3)

MODEL: Default
FILE NAME: E:\1815-2-Struct\Final Design\CADD\CADD Sheets\060014&0015-6610-1-015-Appr. Slab Details.dgn



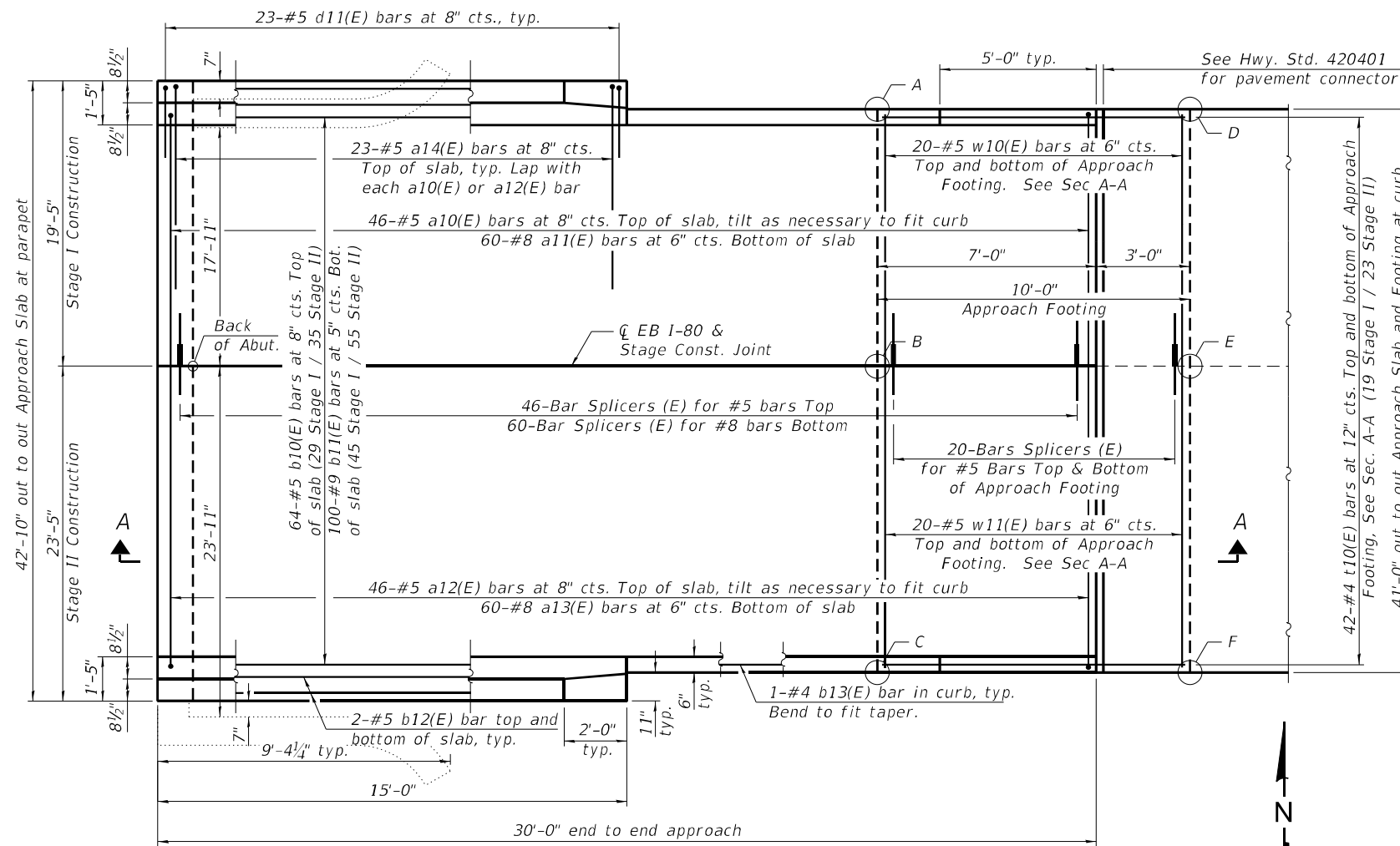
USER NAME =	DESIGNED - VPT	REVISED -
PLOT SCALE =	CHECKED - CL	REVISED -
PLOT DATE = 8/3/2021	DRAWN - AJF	REVISED -
	CHECKED - MTH	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**BRIDGE APPROACH SLAB DETAILS (WB)
STRUCTURE NOS. 006-0014(EB) & 006-0015(WB)**

SHEET 15 OF 28 SHEETS

F.A.I. RTE. 80	SECTION (06-3B)BR	COUNTY BUREAU	TOTAL SHEETS 71	SHEET NO. 43
ILLINOIS FED. AID PROJECT			CONTRACT NO. 66J01	

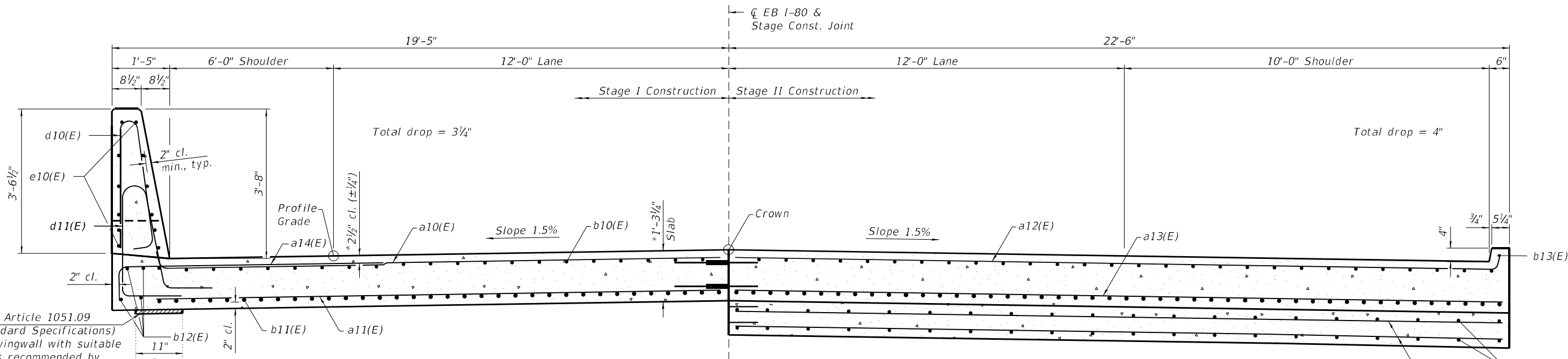


PLAN (EB)
(East Approach Slab shown; West Approach Slab mirrored)

TOP AND BOTTOM ELEVATIONS FOR APPROACH FOOTING

Point	West Approach		East Approach	
	Top	Bottom	Top	Bottom
A	644.98	644.14	643.77	642.94
B	645.25	644.41	644.04	643.21
C	644.92	644.08	643.71	642.88
D	645.05	644.22	643.70	642.86
E	645.32	644.49	643.97	643.13
F	644.99	644.16	643.64	642.80

* prior to grinding



NEAR ABUTMENT

CROSS SECTION (EB)
(Looking East)

AT APPROACH FOOTING

(Sheet 2 of 3)

MODEL: Default
FILE NAME: E:\1815-2-Struct\Final Design\CADD\CADD Sheets\060014&0015-6610-1-016-Appr. Slab Details.dgn

LE LIN ENGINEERING, LTD.
Consulting Engineers
Springfield, Illinois

USER NAME =	DESIGNED - VPT	REVISED -
PLOT SCALE =	CHECKED - CL	REVISED -
PLOT DATE = 8/3/2021	DRAWN - AJF	REVISED -
	CHECKED - MTH	REVISED -

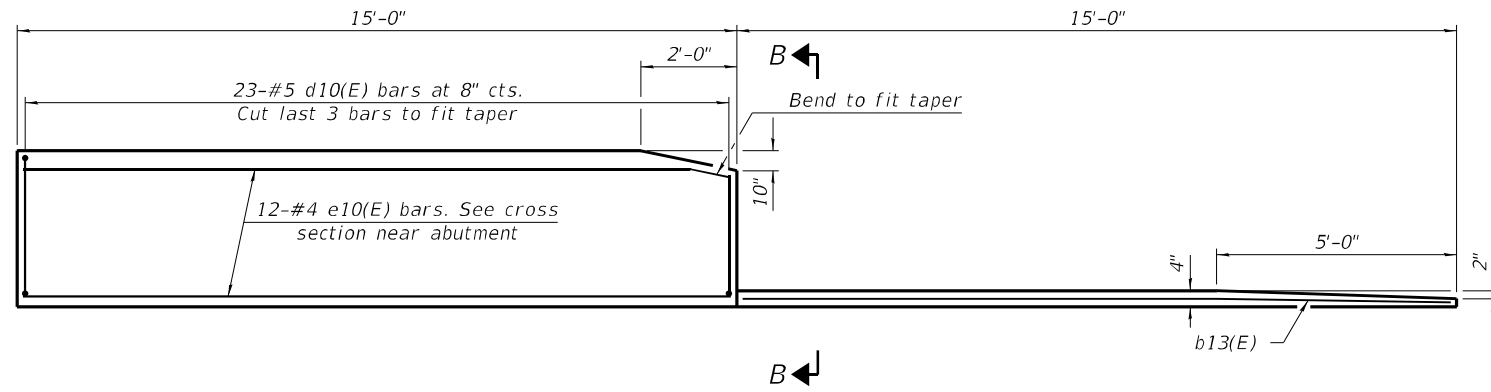
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

BRIDGE APPROACH SLAB DETAILS (EB)
STRUCTURE NOS. 006-0014(EB) & 006-0015(WB)

SHEET 16 OF 28 SHEETS

F.A.I. RTE. 80	SECTION (06-3B)BR	COUNTY BUREAU	TOTAL SHEETS 71	SHEET NO. 44
CONTRACT NO. 66J01				

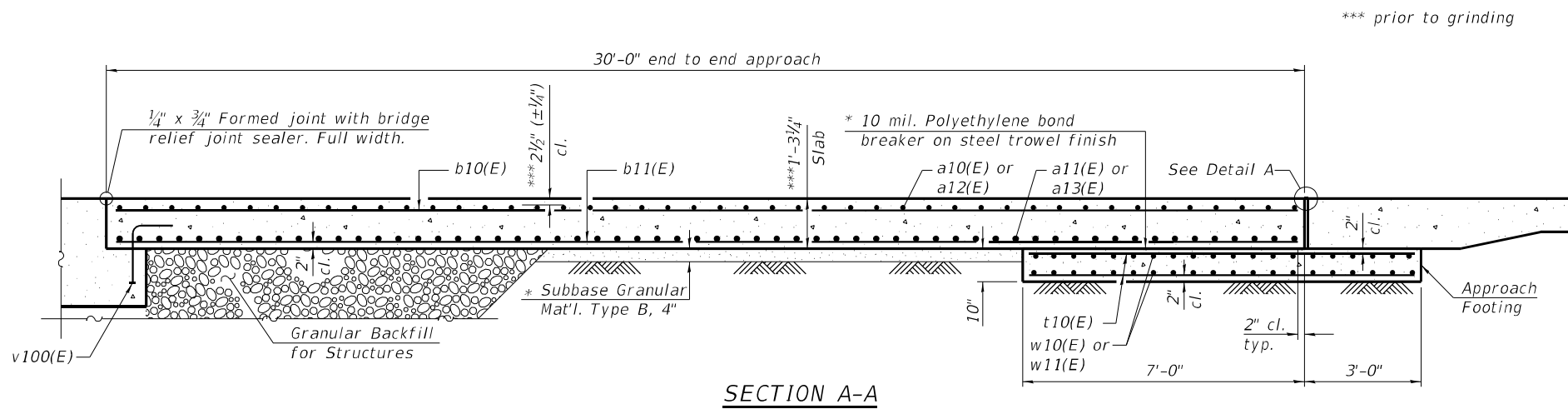
ILLINOIS FED. AID PROJECT



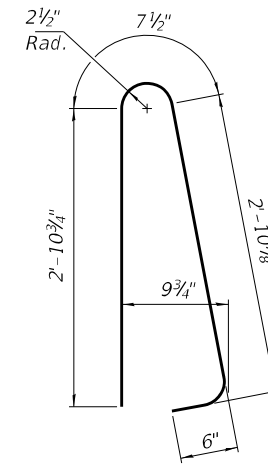
INSIDE ELEVATION OF PARAPET AND CURB

Notes:

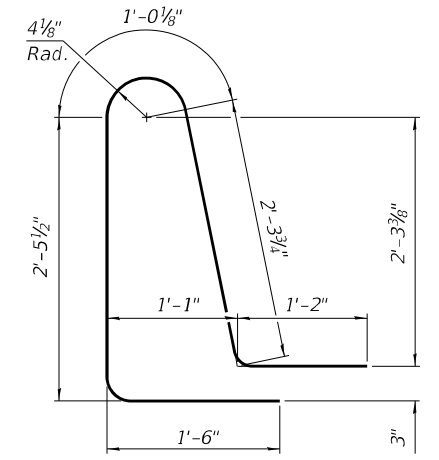
The joint opening shall be adjusted for temperature per Article 520.04 of the Standard Specifications. However, since this detail is for jointless structures, the length of bridge used to calculate the adjustment shall be equal to half the total bridge length plus the length of the bridge approach slab.
 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 2 of 28.



SECTION A-A



BAR d10(E)



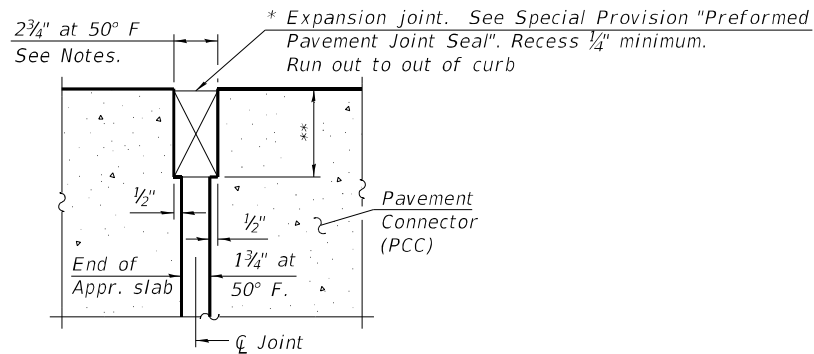
BAR d11(E)

SN 006-0014 EB
TWO APPROACHES
BILL OF MATERIAL

SN 006-0015 WB
TWO APPROACHES
BILL OF MATERIAL

Bar	No.	Size	Length	Shape
a10(E)	92	#5	18'-6"	┌───┐
a11(E)	120	#8	18'-0"	┌───┐
a12(E)	92	#5	22'-6"	┌───┐
a13(E)	120	#8	22'-0"	┌───┐
a14(E)	92	#5	7'-4"	┌───┐
b10(E)	128	#5	29'-8"	┌───┐
b11(E)	200	#9	29'-8"	┌───┐
b12(E)	16	#5	14'-8"	┌───┐
b13(E)	4	#4	14'-8"	┌───┐
d10(E)	92	#5	7'-0"	┌───┐
d11(E)	92	#5	8'-6"	┌───┐
e10(E)	48	#4	14'-8"	┌───┐
t10(E)	168	#4	9'-8"	┌───┐
w10(E)	80	#5	18'-2"	┌───┐
w11(E)	80	#5	22'-2"	┌───┐
Concrete Superstructure		Cu. Yd.	8.5	
Concrete Superstructure (Approach Slab)		Cu. Yd.	119.0	
Concrete Structures		Cu. Yd.	25.4	
Reinforcement Bars, Epoxy Coated		Pound	48,290	

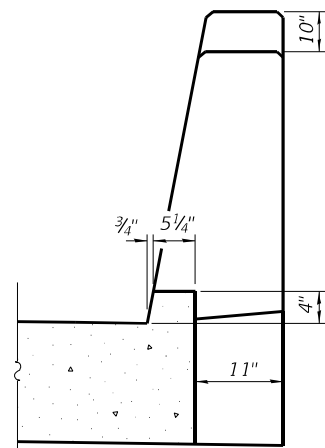
Bar	No.	Size	Length	Shape
a10(E)	92	#5	18'-6"	┌───┐
a11(E)	120	#8	18'-0"	┌───┐
a12(E)	92	#5	22'-6"	┌───┐
a13(E)	120	#8	22'-0"	┌───┐
a14(E)	92	#5	7'-4"	┌───┐
b10(E)	128	#5	29'-8"	┌───┐
b11(E)	200	#9	29'-8"	┌───┐
b12(E)	16	#5	14'-8"	┌───┐
b13(E)	4	#4	14'-8"	┌───┐
d10(E)	92	#5	7'-0"	┌───┐
d11(E)	92	#5	8'-6"	┌───┐
e10(E)	48	#4	14'-8"	┌───┐
t10(E)	168	#4	9'-8"	┌───┐
w10(E)	80	#5	18'-2"	┌───┐
w11(E)	80	#5	22'-2"	┌───┐
Concrete Superstructure		Cu. Yd.	8.5	
Concrete Superstructure (Approach Slab)		Cu. Yd.	119.0	
Concrete Structures		Cu. Yd.	25.4	
Reinforcement Bars, Epoxy Coated		Pound	48,290	



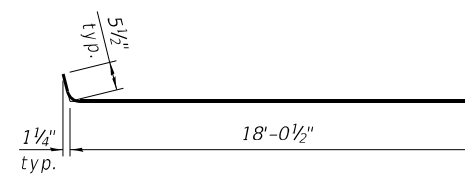
DETAIL A

* Cost included with Concrete Superstructure (Approach Slab).

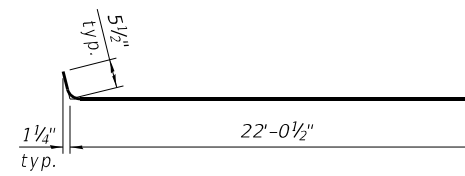
** Per manufacturer recommendations



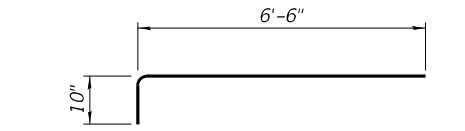
VIEW B-B



BAR a10(E)



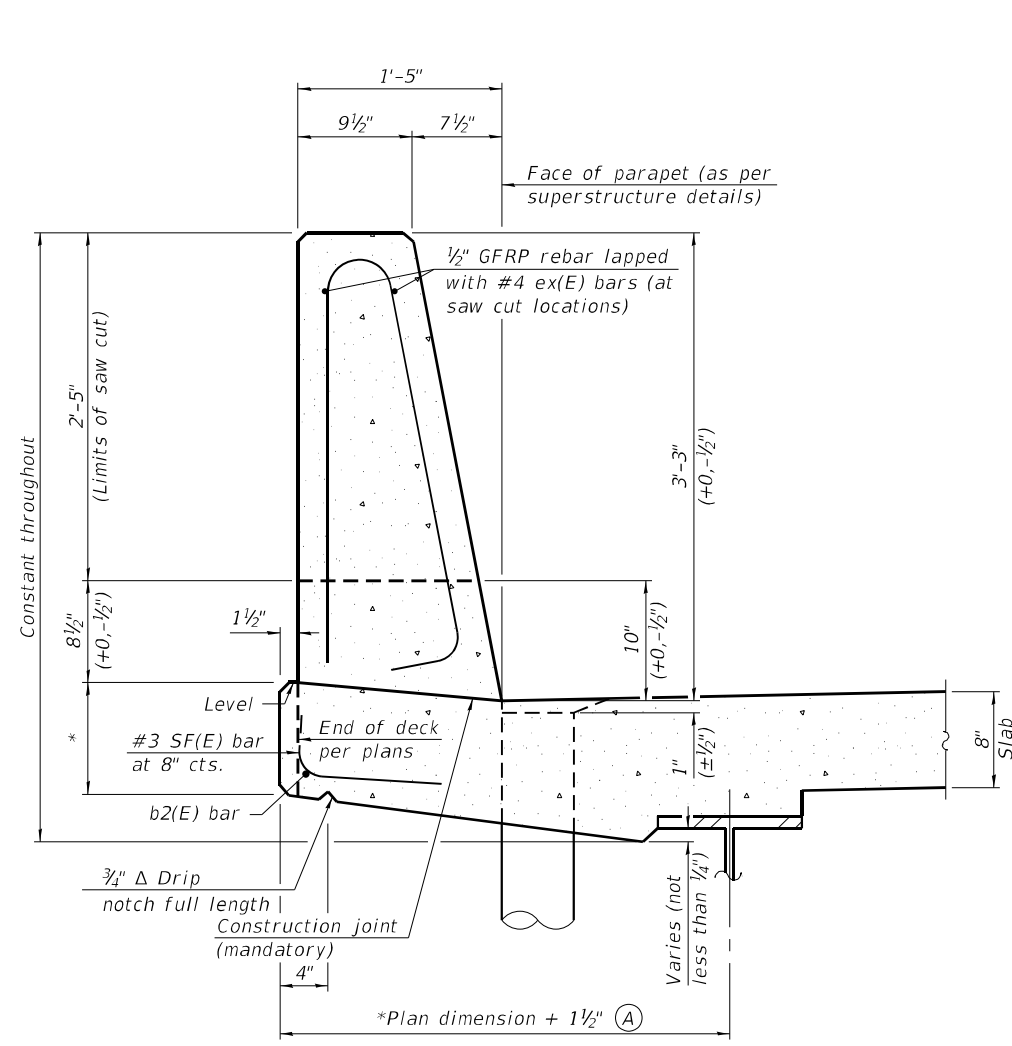
BAR a12(E)



BAR a14(E)

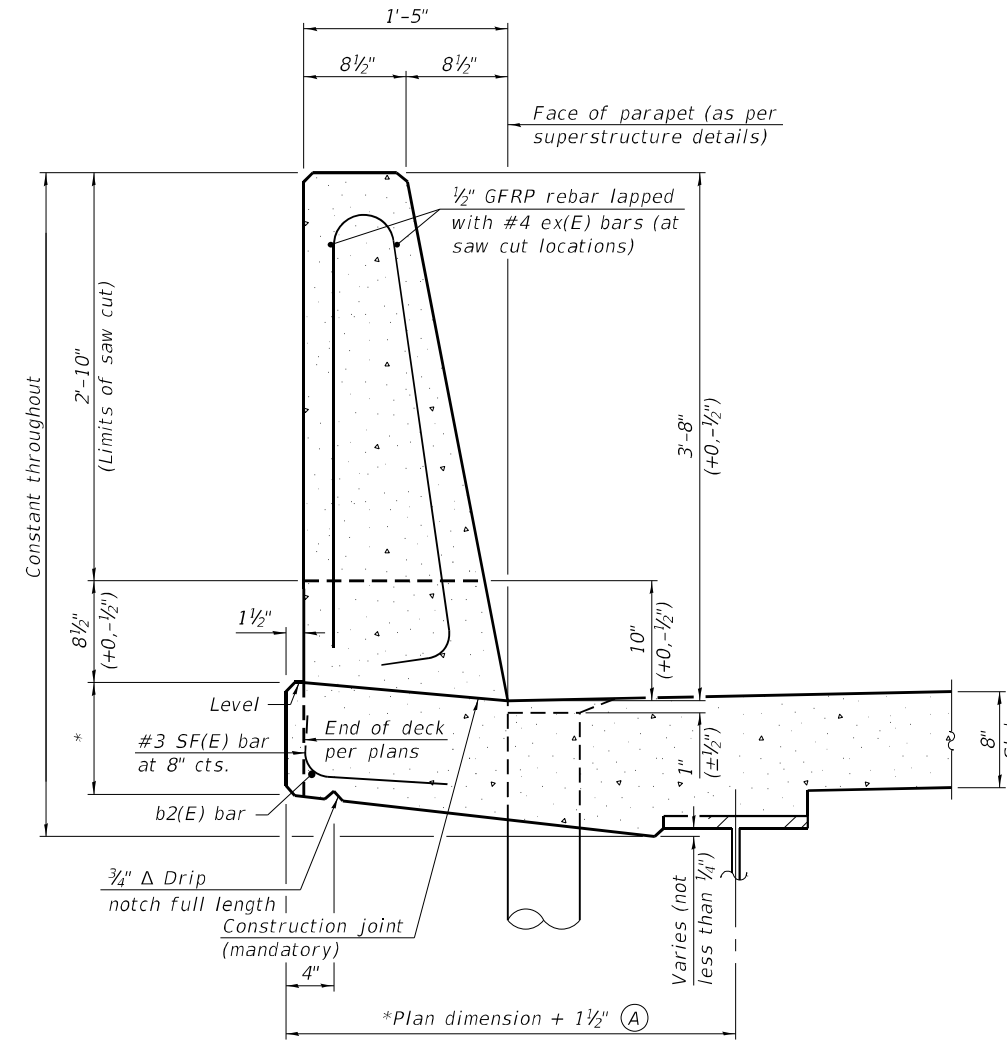
(Sheet 3 of 3)

MODEL: Default
FILE NAME: E:\1815-2-Struct\Final Design\CADD\CADD Sheets\060014\060015-6610-1-017-Appr. Slab Details.dgn



**39" CONSTANT-SLOPE
PARAPET SECTION**

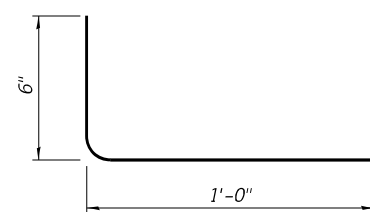
(Showing dimensions, d(E), and 1/2" Ø GFRP rebar)



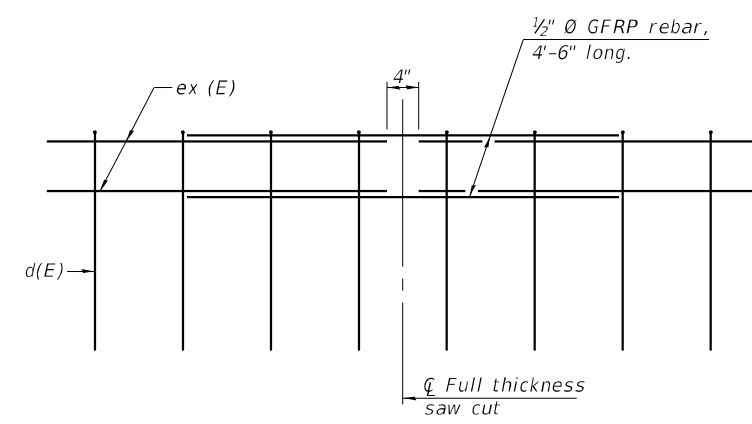
**44" CONSTANT-SLOPE
PARAPET SECTION**

(Showing dimensions, d(E), and 1/2" Ø GFRP rebar)

*See Superstructure Details.



#3 SF(E) BAR



GFRP REBAR STIFFENING DETAIL

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

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

MODEL: Default
FILE NAME: E:\18152\Struct\Final Design\CADD\CADD Sheets\06000146\0015-66\01-018-Parapet_Slipforming.dgn

SFP 39-44 1-1-2020



USER NAME =	DESIGNED - VPT	REVISED -
	CHECKED - CL	REVISED -
PLOT SCALE =	DRAWN - AJF	REVISED -
PLOT DATE = 8/3/2021	CHECKED - MTH	REVISED -

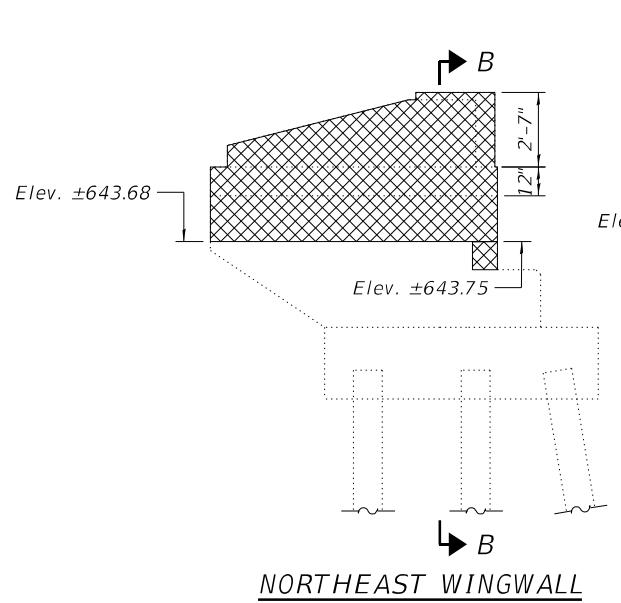
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CONCRETE PARAPET SLIPFORMING OPTION
STRUCTURE NOS. 006-0014(EB) & 006-0015(WB)

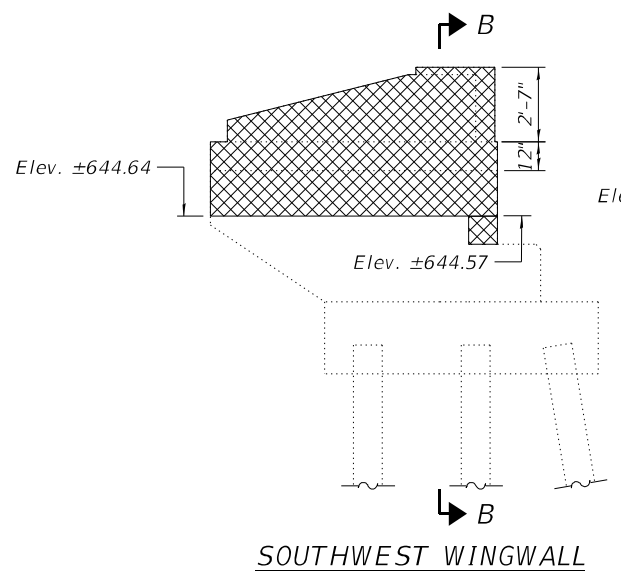
SHEET 18 OF 28 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(06-3B)BR	BUREAU	71	46
CONTRACT NO. 66J01				

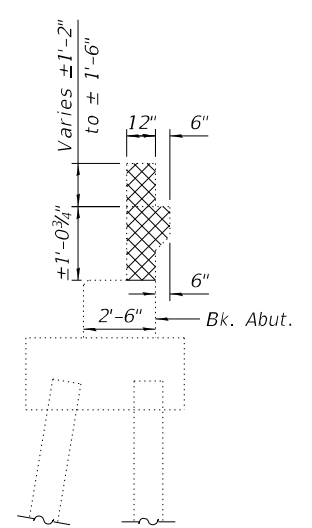
ILLINOIS FED. AID PROJECT



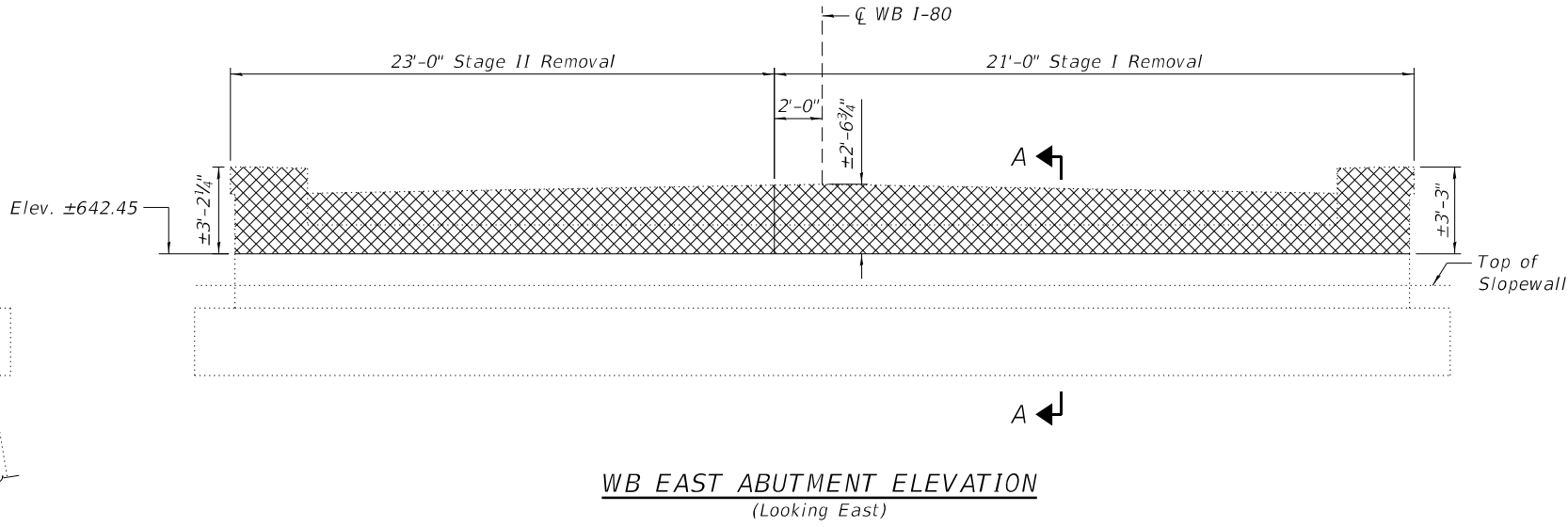
NORTHEAST WINGWALL



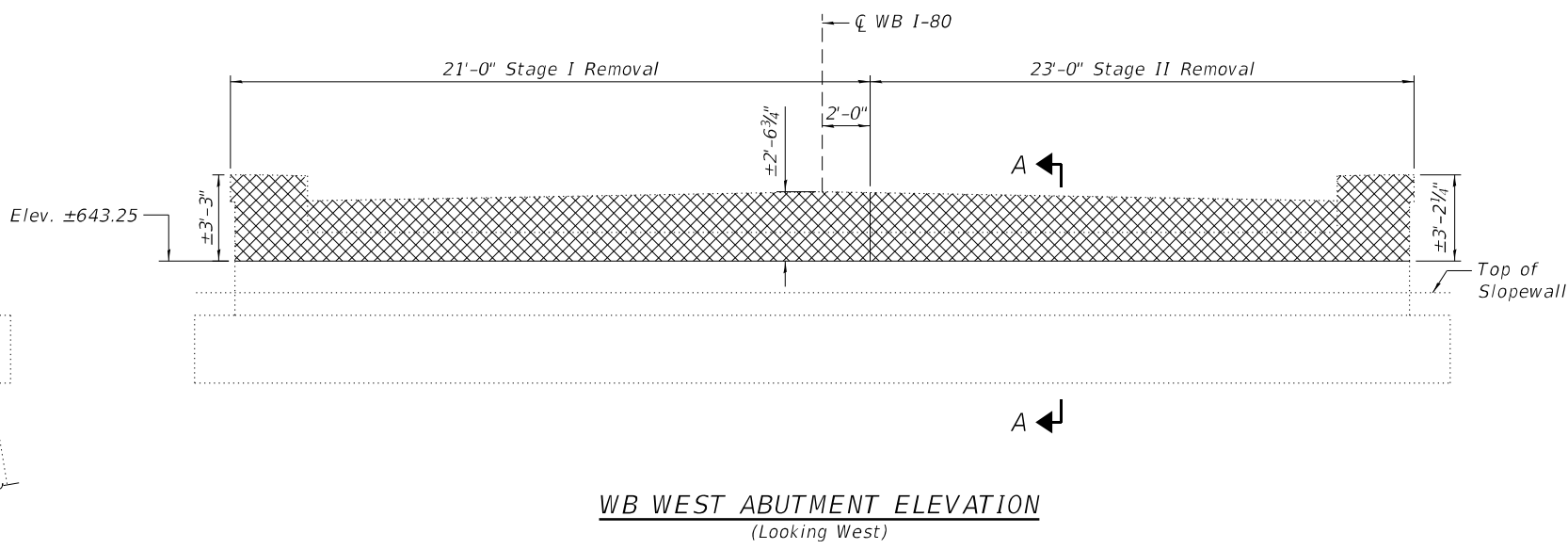
SOUTHWEST WINGWALL



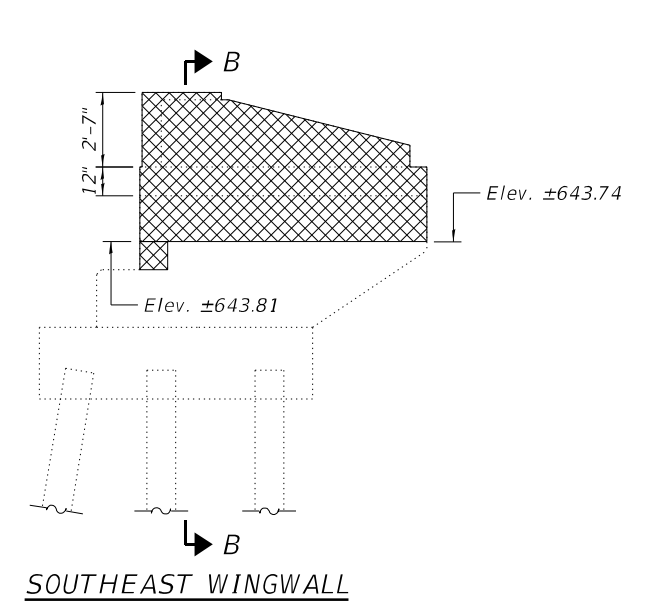
SECTION A-A



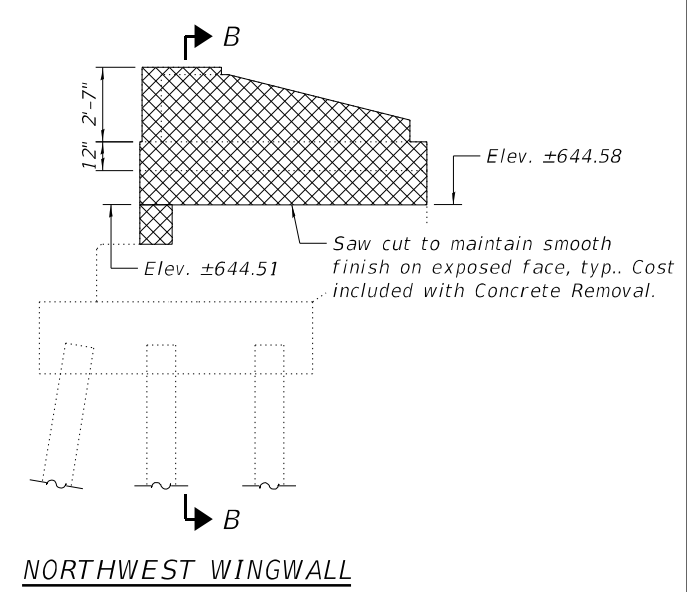
WB EAST ABUTMENT ELEVATION
(Looking East)



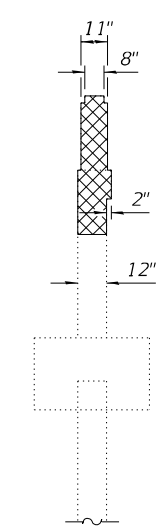
WB WEST ABUTMENT ELEVATION
(Looking West)



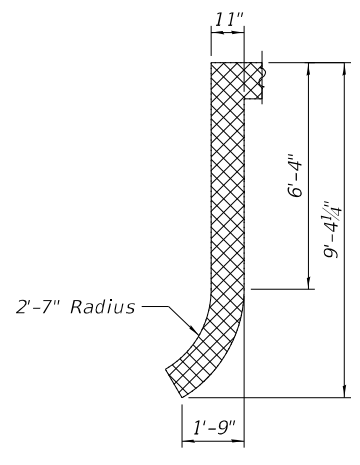
SOUTHEAST WINGWALL



NORTHWEST WINGWALL



SECTION B-B



PLAN - TYPICAL WINGWALL

Notes:
 Cross-hatched areas indicate limits of Concrete Removal.
 No repair areas were identified during inspection. The actual areas to be repaired shall be determined by the Engineer at time of construction and recorded on as-built plans.

BILL OF MATERIAL

Item	Unit	Quantity
Concrete Removal	Cu. Yd.	15.5

MODEL: Default
 FILE NAME: E:\1815\2\Struct\Final_Design\CADD\CADD_Sheets\00600146\0015-6610-1-019-Removal_Details.dgn



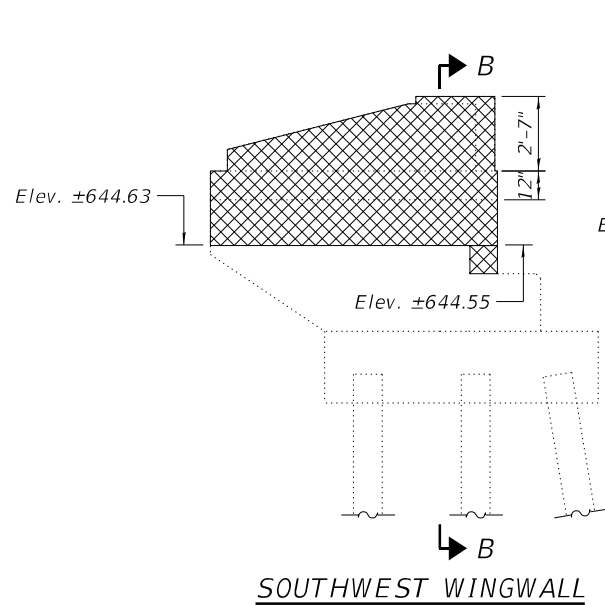
USER NAME =	DESIGNED - VPT	REVISED -
PLOT SCALE =	CHECKED - CL	REVISED -
PLOT DATE = 8/3/2021	DRAWN - AJF	REVISED -
	CHECKED - MTH	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

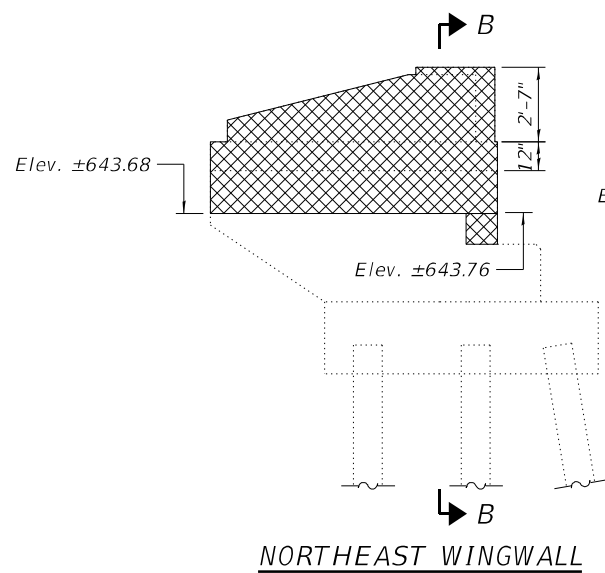
CONCRETE REMOVAL DETAILS (WB)
STRUCTURE NOS. 006-0014(EB) & 006-0015(WB)

SHEET 19 OF 28 SHEETS

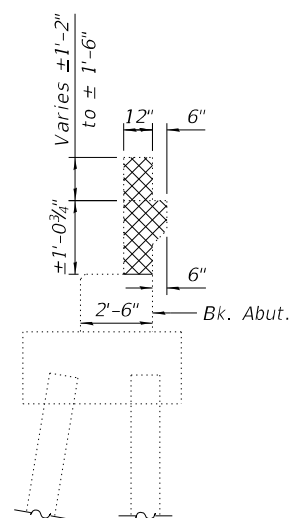
F.A.I. RTE. 80	SECTION (06-3B)BR	COUNTY BUREAU	TOTAL SHEETS 71	SHEET NO. 47
CONTRACT NO. 66J01				
ILLINOIS FED. AID PROJECT				



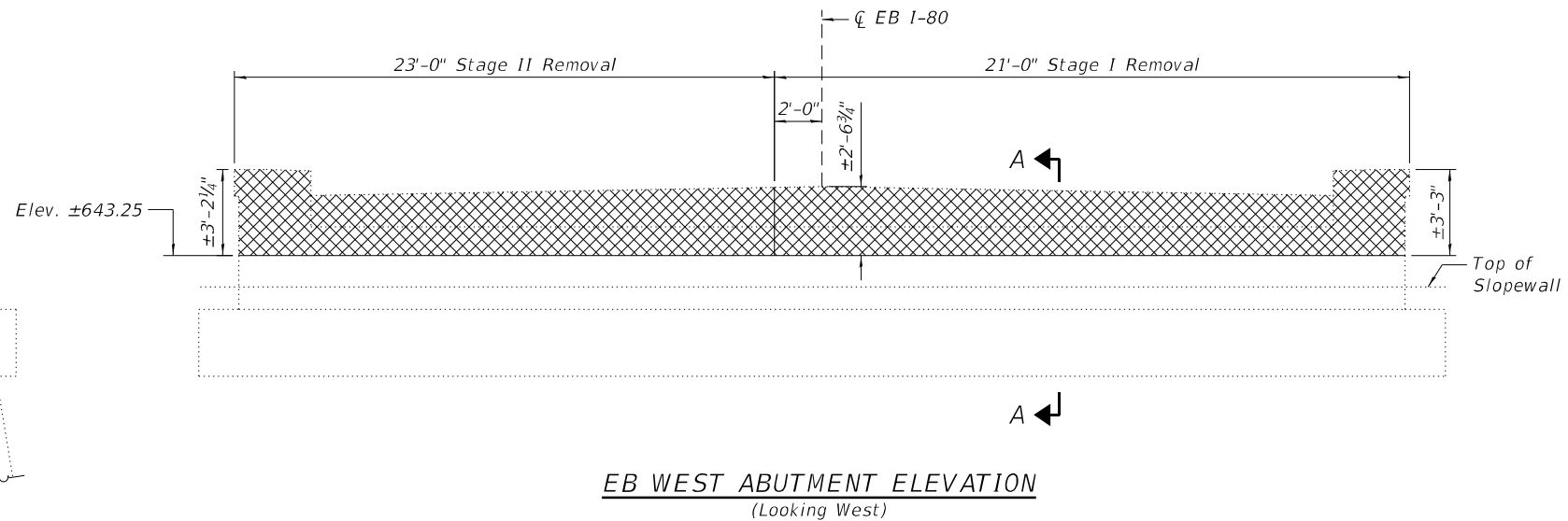
SOUTHWEST WINGWALL



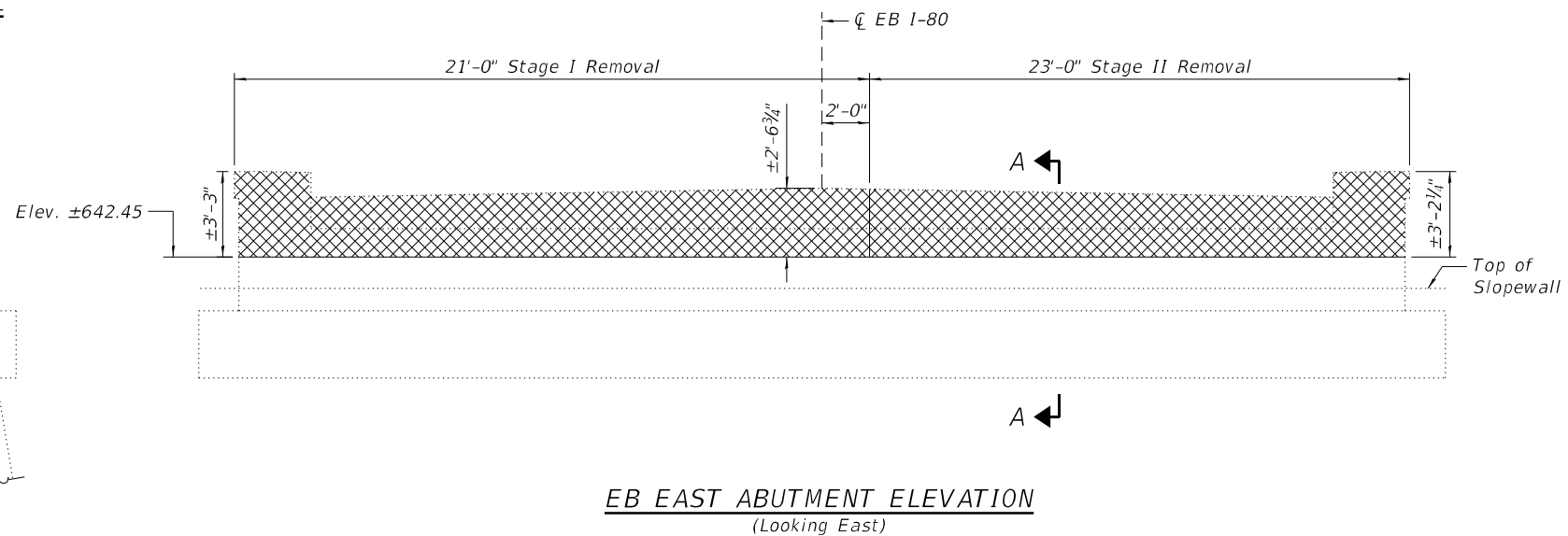
NORTHEAST WINGWALL



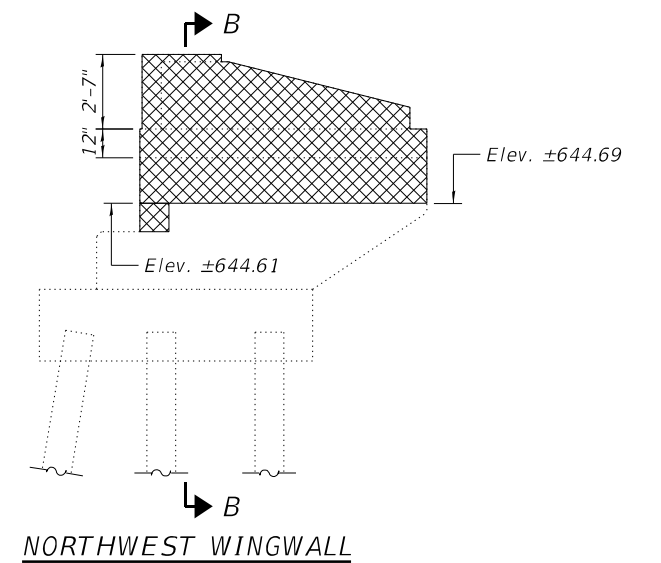
SECTION A-A



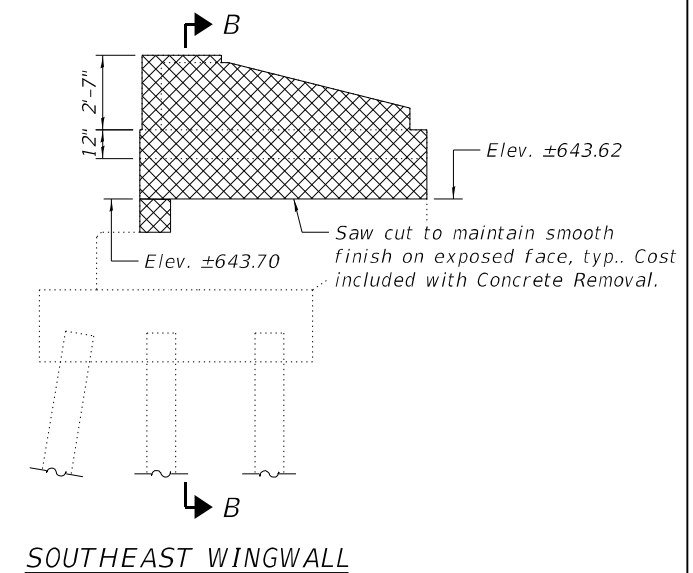
EB WEST ABUTMENT ELEVATION
(Looking West)



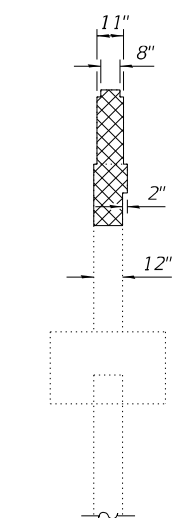
EB EAST ABUTMENT ELEVATION
(Looking East)



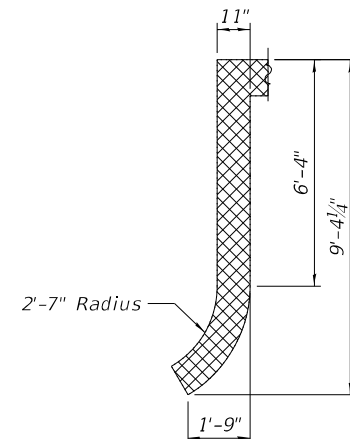
NORTHWEST WINGWALL



SOUTHEAST WINGWALL



SECTION B-B



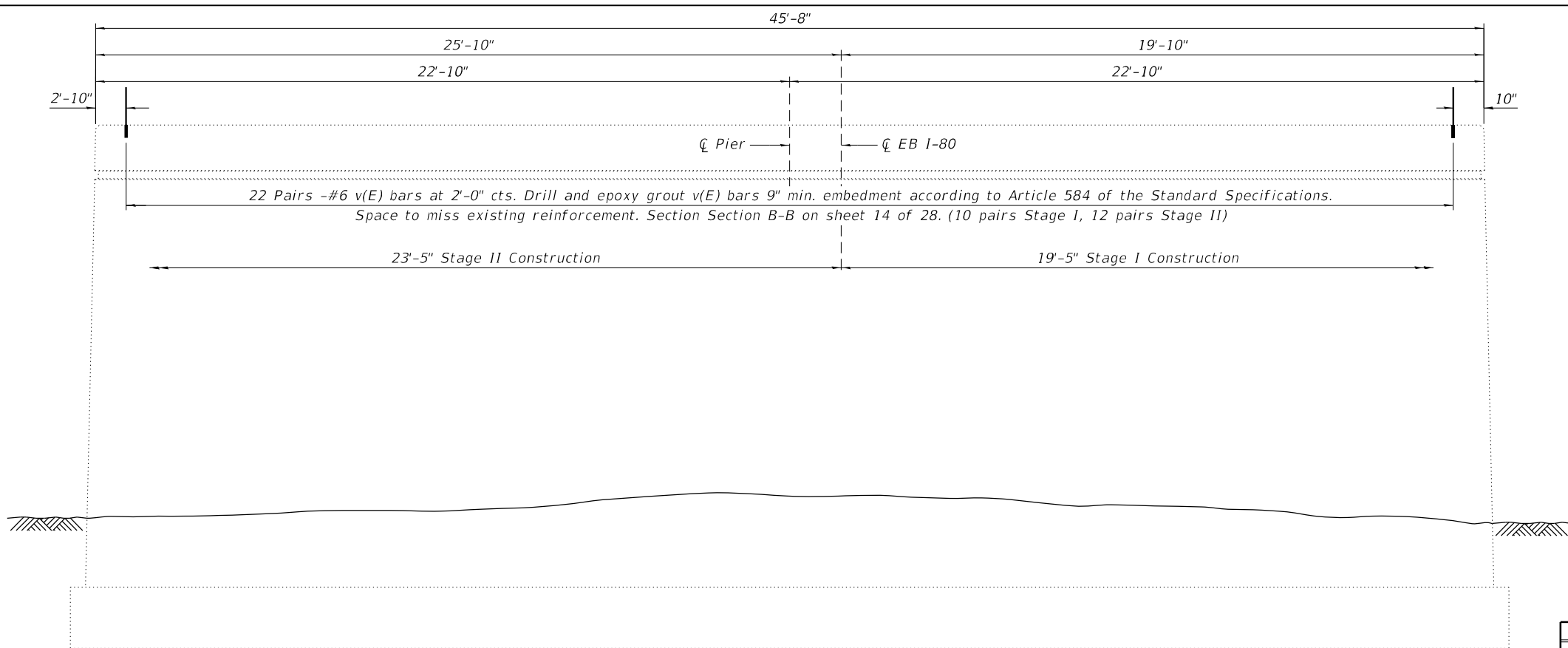
PLAN - TYPICAL WINGWALL

Notes:
 Cross-hatched areas indicate limits of Concrete Removal.
 No repair areas were identified during inspection. The actual areas to be repaired shall be determined by the Engineer at time of construction and recorded on as-built plans.

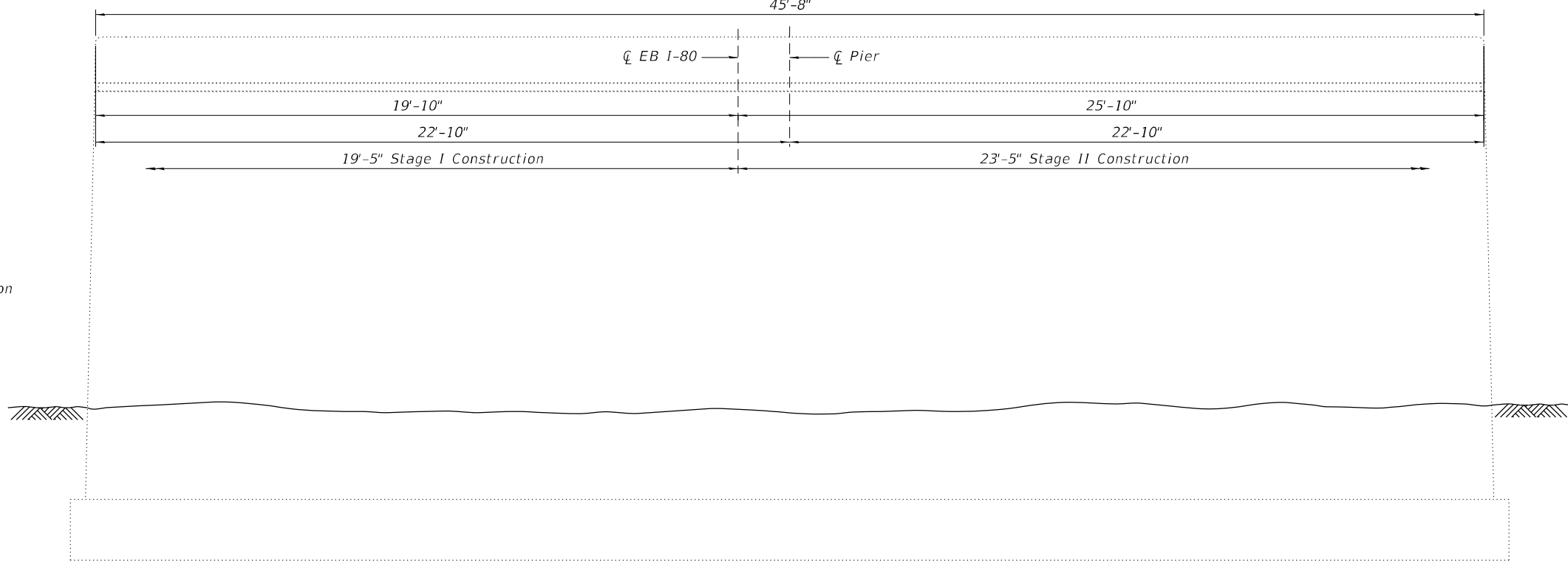
BILL OF MATERIAL

Item	Unit	Quantity
Concrete Removal	Cu. Yd.	15.5

MODEL: Default
 FILE NAME: E:\1815\2\Struct\Final Design\CADD\CADD Sheets\00600146\0015-6610-1-020-Removal_Details.dgn



EB PIER 1 EAST FACE
(Looking West)



EB PIER 1 WEST FACE
(Looking East)

BILL OF MATERIAL

Bar	No.	Size	Length	Shape	
v(E)	44	#6	2'-9"	—	
Reinforcement Bars, Epoxy Coated				Lbs.	190

Note:
No repair areas were identified during inspection. The actual areas to be repaired shall be determined by the Engineer at time of construction and recorded on as-built plans.

(Sheet 1 of 4)

MODEL: Default
FILE NAME: E:\1815-2-Struct\Final Design\CADD\CADD Sheets\060014&0015-66101-021-Pier Repair Details.dgn



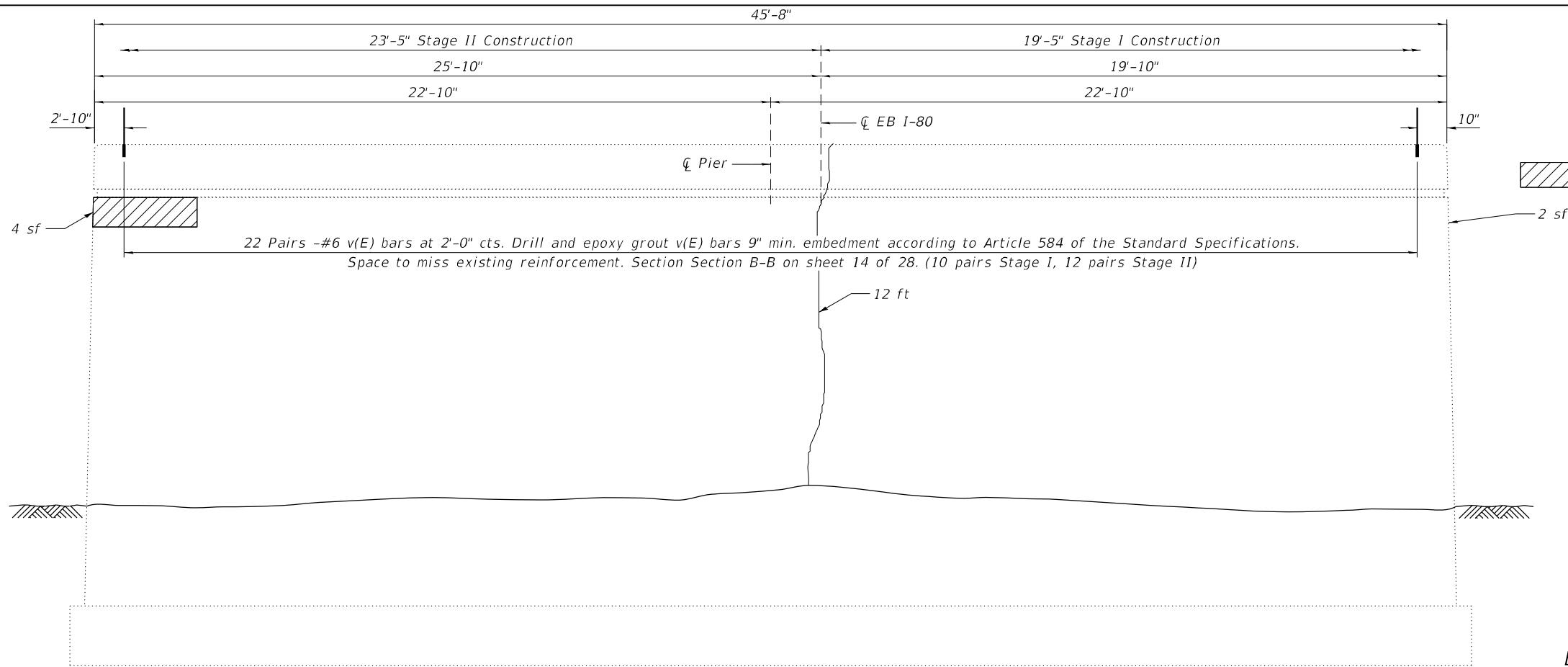
USER NAME =	DESIGNED - VPT	REVISED -
	CHECKED - CL	REVISED -
PLOT SCALE =	DRAWN - AJF	REVISED -
PLOT DATE = 8/3/2021	CHECKED - MTH	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

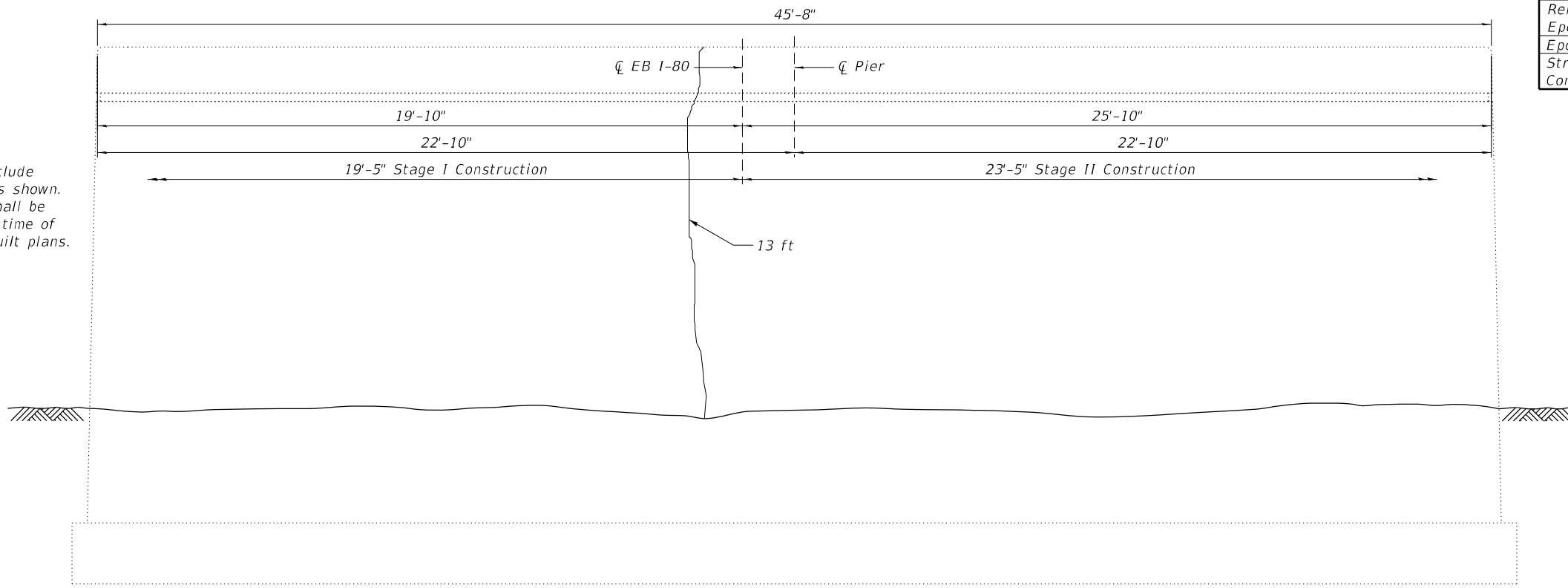
PIER REPAIR DETAILS
STRUCTURE NOS. 006-0014(EB) & 006-0015(WB)

SHEET 21 OF 28 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(06-3B)BR	BUREAU	71	49
CONTRACT NO. 66J01				
ILLINOIS FED. AID PROJECT				



EB PIER 2 EAST FACE
(Looking West)



BILL OF MATERIAL

Bar	No.	Size	Length	Shape
v(E)	44	#6	2'-9"	—
Reinforcement Bars, Epoxy Coated			Lbs.	190
Epoxy Crack Injection			Foot	25
Structural Repair of Concrete (Depth ≤ 5 in)			Sq. Ft.	6.0

Note:
Repair of existing piers shall include but may not be limited to the areas shown. The actual areas to be repaired shall be determined by the Engineer at the time of construction and recorded on as-built plans.

LEGEND

- Structural Repair of Concrete (Depth ≤ 5 in)
- Epoxy Crack Injection
- sf Square Feet

(Sheet 2 of 4)

MODEL: Default
FILE NAME: E:\1815-2-Struct\Final_Design\CADD\CADD_Sheets\060014&0015-6610-1-022-Pier_Repair_Details.dgn



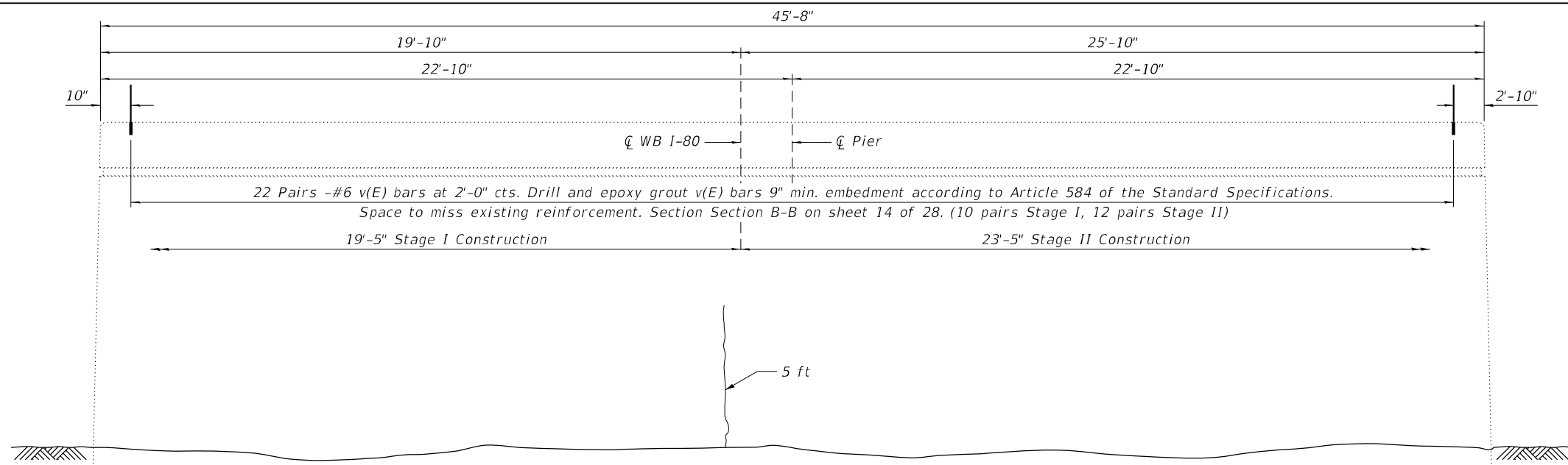
USER NAME =	DESIGNED - VPT	REVISED -
	CHECKED - CL	REVISED -
PLOT SCALE =	DRAWN - AJF	REVISED -
PLOT DATE = 8/3/2021	CHECKED - MTH	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

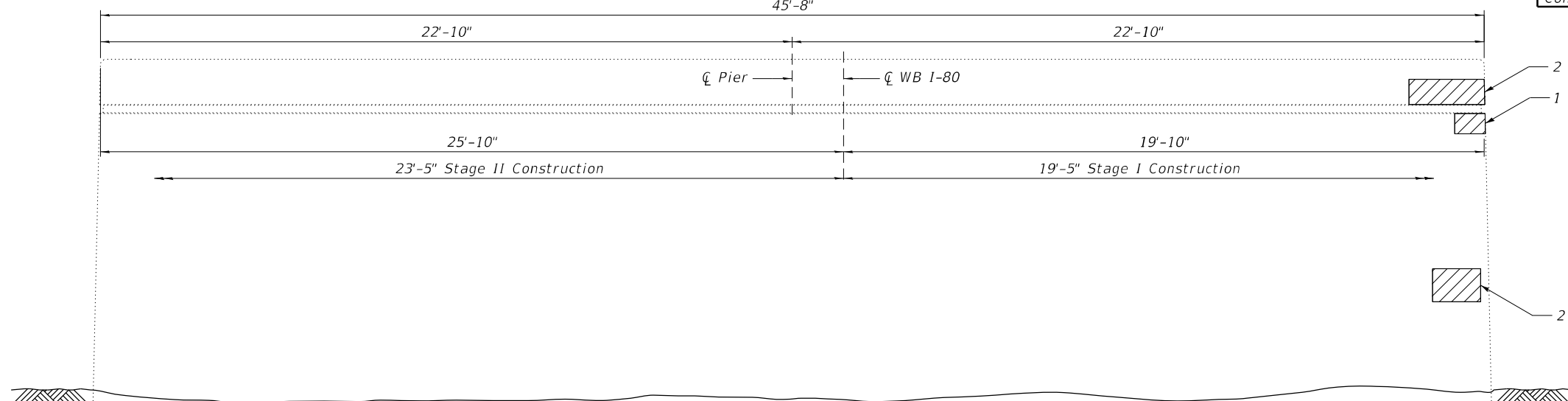
PIER REPAIR DETAILS
STRUCTURE NOS. 006-0014(EB) & 006-0015(WB)

SHEET 22 OF 28 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(06-3B)BR	BUREAU	71	50
CONTRACT NO. 66J01				
ILLINOIS FED. AID PROJECT				



WB PIER 1 EAST FACE
(Looking West)



WB PIER 1 WEST FACE
(Looking East)

BILL OF MATERIAL

Bar	No.	Size	Length	Shape
v(E)	44	#6	2'-9"	—
Reinforcement Bars, Epoxy Coated			Lbs.	190
Epoxy Crack Injection			Foot	5
Structural Repair of Concrete (Depth ≤ 5 in)			Sq. Ft.	5.0

Note:
Repair of existing piers shall include but may not be limited to the areas shown. The actual areas to be repaired shall be determined by the Engineer at the time of construction and recorded on as-built plans.

LEGEND

- Structural Repair of Concrete (Depth ≤ 5 in)
- Epoxy Crack Injection
- sf Square Feet

(Sheet 3 of 4)

MODEL: Default
FILE NAME: E:\1815-2\Struct\Final_Design\CADD\CADD_Sheets\060014&0015-6610-1-023-Pier_Repair_Details.dgn

LE LIN ENGINEERING, LTD.
Consulting Engineers
Springfield, Illinois

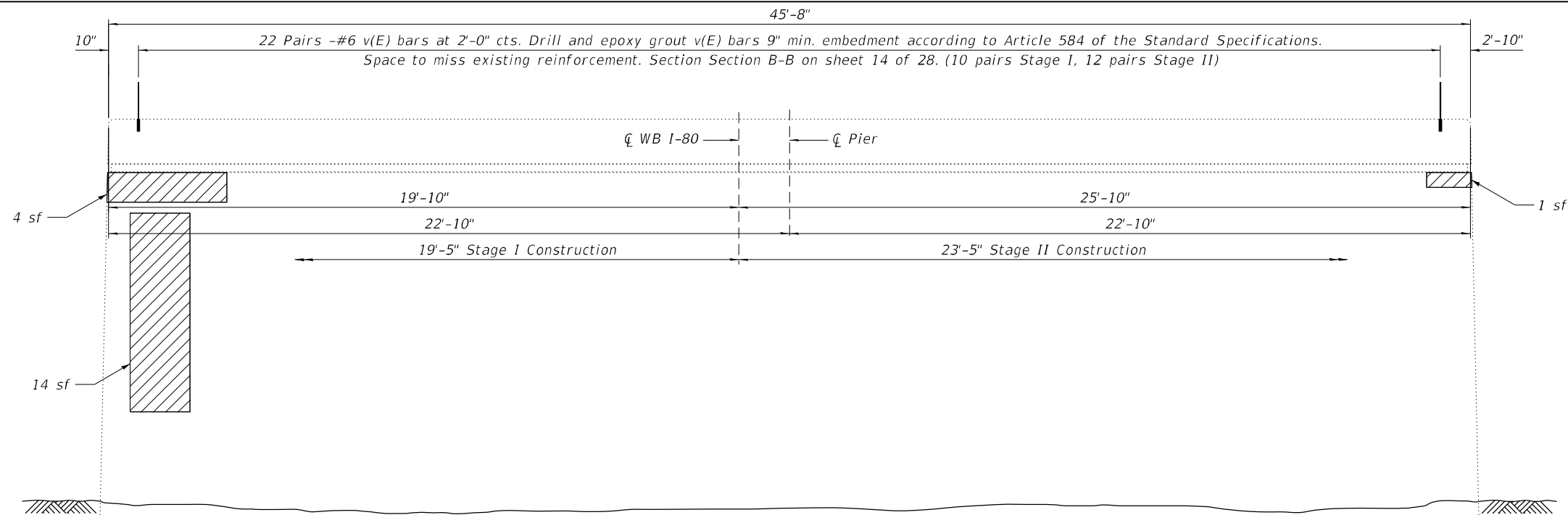
USER NAME =	DESIGNED - VPT	REVISED -
PLOT SCALE =	CHECKED - CL	REVISED -
PLOT DATE = 8/3/2021	DRAWN - AJF	REVISED -
	CHECKED - MTH	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

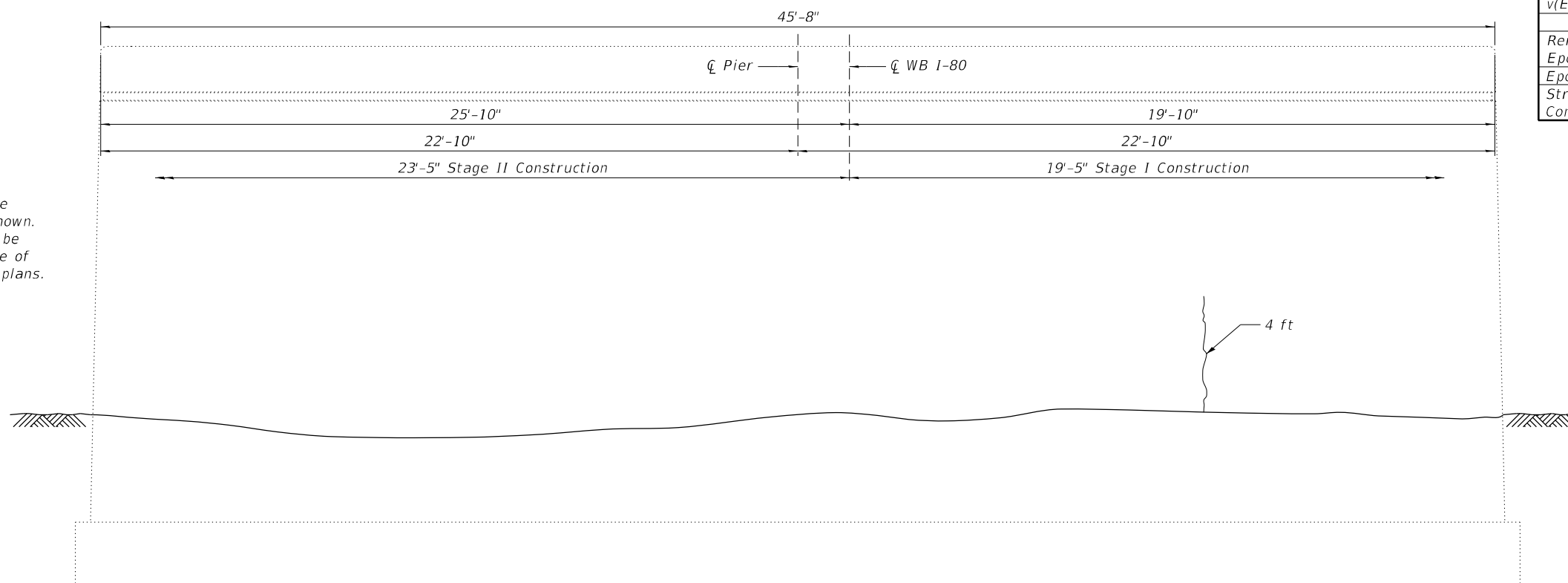
**PIER REPAIR DETAILS
STRUCTURE NOS. 006-0014(EB) & 006-0015(WB)**

SHEET 23 OF 28 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(06-3B)BR	BUREAU	71	51
CONTRACT NO. 66J01				
ILLINOIS FED.AID PROJECT				



WB PIER 2 EAST FACE
(Looking West)



WB PIER 2 WEST FACE
(Looking East)

BILL OF MATERIAL

Bar	No.	Size	Length	Shape
v(E)	44	#6	2'-9"	—
Reinforcement Bars, Epoxy Coated			Lbs.	190
Epoxy Crack Injection			Foot	4
Structural Repair of Concrete (Depth ≤ 5 in)			Sq. Ft.	19.0

Note:
Repair of existing piers shall include but may not be limited to the areas shown. The actual areas to be repaired shall be determined by the Engineer at the time of construction and recorded on as-built plans.

LEGEND

- Structural Repair of Concrete (Depth ≤ 5 in)
- Epoxy Crack Injection
- sf Square Feet

(Sheet 4 of 4)

MODEL: Default
FILE NAME: E:\1815-2\Struct\Final Design\CADD\CADD Sheets\060014&0015-66101-024-Pier Repair Details.dgn

LE LIN ENGINEERING, LTD.
Consulting Engineers
Springfield, Illinois

USER NAME =	DESIGNED - VPT	REVISED -
	CHECKED - CL	REVISED -
PLOT SCALE =	DRAWN - AJF	REVISED -
PLOT DATE = 8/3/2021	CHECKED - MTH	REVISED -

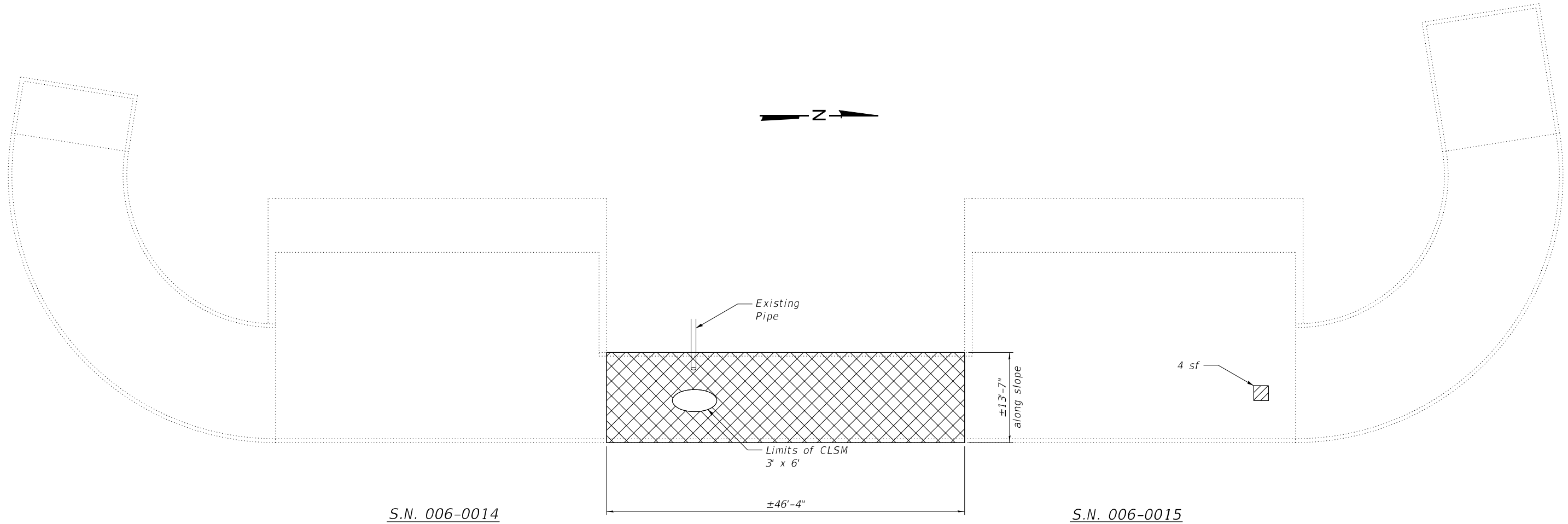
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PIER REPAIR DETAILS
STRUCTURE NOS. 006-0014(EB) & 006-0015(WB)

SHEET 24 OF 28 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(06-3B)BR	BUREAU	71	52
CONTRACT NO. 66J01				

ILLINOIS FED. AID PROJECT





WEST SLOPE WALL PLAN

BILL OF MATERIAL

Item	Unit	Quantity
Slope Wall Removal	Sq. Yd.	70.0
Controlled Low-Strength Material	Cu. Yd.	2
Slope Wall Repair	Sq. Yd.	1

Note:
 Repair of existing slope wall shall include but may not be limited to the areas shown. The actual areas to be repaired shall be determined by the Engineer at the time of construction and recorded on as-built plans.

LEGEND

-  Slope Wall Repair
-  Removal of Existing Slopewall

MODEL: Default
 FILE NAME: E:\1815-2\Struct\Final Design\CADD\CADD Sheets\0060014&0015-6610-1-025-Slope Wall Repairs.dgn

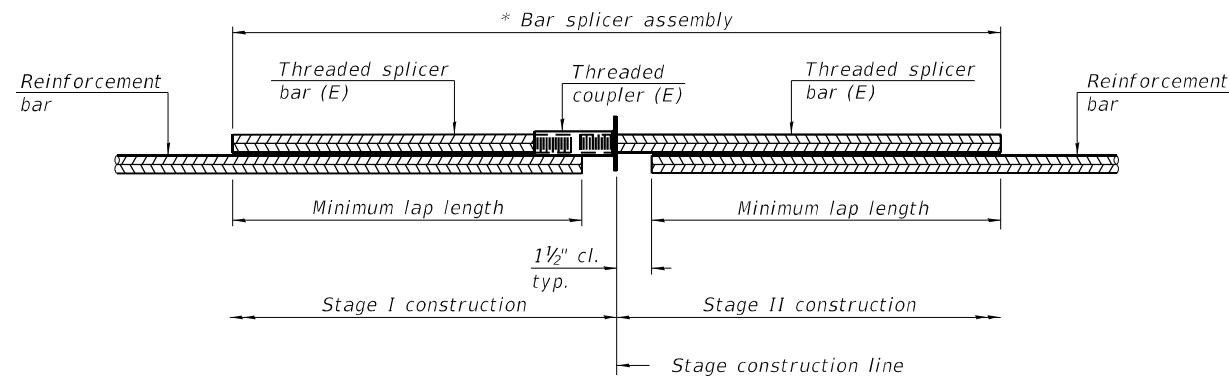
LE LIN ENGINEERING, LTD.
 Consulting Engineers
 Springfield, Illinois

USER NAME =	DESIGNED - VPT	REVISED -
	CHECKED - CL	REVISED -
PLOT SCALE =	DRAWN - AJF	REVISED -
PLOT DATE = 8/3/2021	CHECKED - MTH	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SLOPE WALL REPAIRS
 STRUCTURE NOS. 006-0014(EB) & 006-0015(WB)

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(06-3B)BR	BUREAU	71	53
CONTRACT NO. 66J01				
ILLINOIS FED. AID PROJECT				

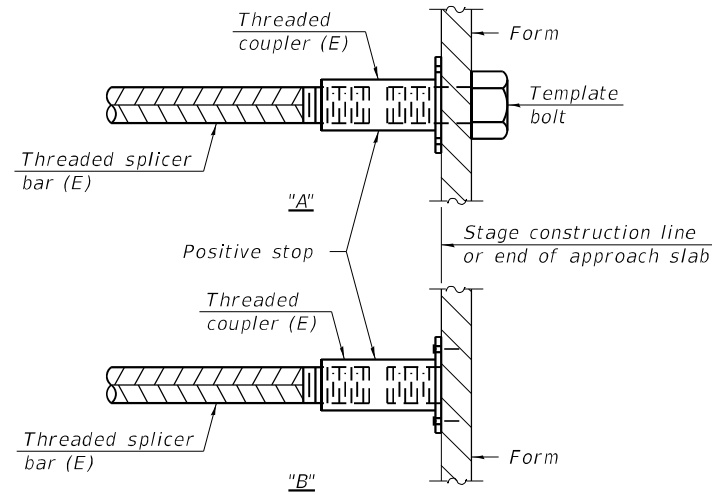


STANDARD BAR SPLICER ASSEMBLY PLAN
 (All components shall be provided from one supplier)

Threaded splicer bar length = min. lap length + 1 1/2" + thread length

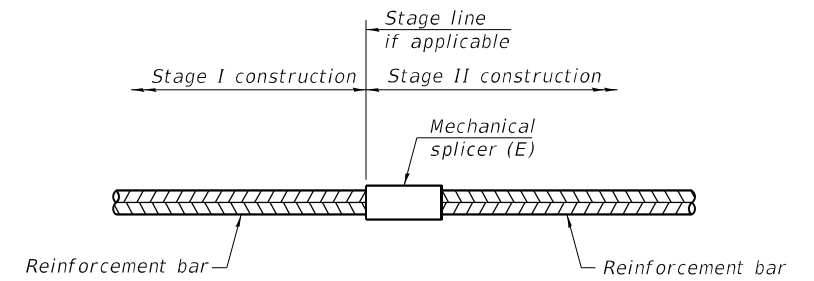
* Epoxy not required on Bar Splicer Assembly components used in conjunction with black bars.

Location	Bar size	No. assemblies required	Minimum lap length
Top of Slab	#9	224	6'-0"
Bottom of Slab	#8	338	4'-9"
Top of Approach	#5	184	3'-7"
Bottom of Approach	#8	240	5'-1"
Approach Footing	#5	160	3'-2"



INSTALLATION AND SETTING METHODS

"A" : Set bar splicer assembly by means of a template bolt.
 "B" : Set bar splicer assembly by nailing to wood forms or cementing to steel forms.
 (E) : Indicates epoxy coating.



STANDARD MECHANICAL SPLICER

Location	Bar size	No. assemblies required

Notes:
 Splicer bars shall be deformed with threaded ends and have a minimum 60 ksi yield strength.
 All reinforcement shall be lapped and tied to the splicer bars.
 Bar splicer assemblies shall be epoxy coated according to the requirements for reinforcement bars. See Section 508 of the Standard Specifications.
 See approved list of bar splicer assemblies and mechanical splicers for alternatives.

MODEL: Default
 FILE NAME: E:\1815-2-Struct\Final Design\CADD\CADD Sheets\060014&0015-6610-1-026-Bar Splicer Details.dgn

BSD-1

1-1-2020



USER NAME =	DESIGNED - VPT	REVISED -
	CHECKED - CL	REVISED -
PLOT SCALE =	DRAWN - AJF	REVISED -
PLOT DATE = 8/3/2021	CHECKED - MTH	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

BAR SPLICER ASSEMBLY AND MECHANICAL SPLICER DETAILS
 STRUCTURE NOS. 006-0014(EB) & 006-0015(WB)

SHEET 26 OF 28 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(06-3B)BR	BUREAU	71	54
CONTRACT NO. 66J01				

ILLINOIS FED. AID PROJECT



Illinois Department of Transportation
Division of Highways
Illinois Department of Transportation

SOIL BORING LOG

Page 2 of 2

Date 6/1/59

ROUTE F.A.I. Route 80 (I-80) DESCRIPTION I-80 over Maple Grove Creek, 2 Miles North of Wyand
LOGGED BY William Carter

SECTION (06-3B) LOCATION NW 1/4, SEC. 9, TWP. 16N, RNG. 8E, 4th PM
Latitude , Longitude

COUNTY Bureau DRILLING METHOD HAMMER TYPE

STRUCT. NO. 006-0014	D	B	U	M	Surface Water Elev. _____ ft
Station 763+25	E	L	C	O	Stream Bed Elev. _____ ft
BORING NO. 3	P	O	S	I	Groundwater Elev.: _____ ft
Station 763+25	T	W	Q	S	First Encounter _____ ft
Offset 44.0 ft Rt	H	S	Qu	T	Upon Completion _____ ft
Ground Surface Elev. 636.70 ft	(ft)	(/6")	(tsf)	(%)	After _____ Hrs. _____ ft

Hard Gray Stony Clay Till (continued)	595.50	160	5.1		
End of Boring					
	-45				
	-50				
	-55				
	-60				

SOIL BORING 006-0014(06-3B) ILL. DOT DOT 6/1/59

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)



Illinois Department of Transportation
Division of Highways
Illinois Department of Transportation

SOIL BORING LOG

Page 1 of 1

Date 6/1/59

ROUTE F.A.I. Route 80 (I-80) DESCRIPTION I-80 over Maple Grove Creek, 2 Miles North of Wyand
LOGGED BY William Carter

SECTION (06-3B) LOCATION NW 1/4, SEC. 9, TWP. 16N, RNG. 8E, 4th PM
Latitude , Longitude

COUNTY Bureau DRILLING METHOD HAMMER TYPE

STRUCT. NO. 006-0014	D	B	U	M	Surface Water Elev. _____ ft
Station 763+25	E	L	C	O	Stream Bed Elev. _____ ft
BORING NO. 4	P	O	S	I	Groundwater Elev.: _____ ft
Station 762+49	T	W	Q	S	First Encounter _____ ft
Offset 44.0 ft Rt	H	S	Qu	T	Upon Completion _____ ft
Ground Surface Elev. 640.70 ft	(ft)	(/6")	(tsf)	(%)	After _____ Hrs. _____ ft

Stiff Black Silty Clay					
Note: Blows are per 12"	638.50				
Hard Brown Clay Till with Layers of Sand					
	-5				
	35	6.7			
	614.50				
Hard Gray Pebbly Clay Till	633.50				
	60	5.4			
	-10				
	64	6.0			
	48	5.8			
	-15				
	74	10.2			
	83	10.2			
	-20				

SOIL BORING 006-0014(06-3B) ILL. DOT DOT 6/1/59

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)

(Sheet 2 of 2)

MODEL: Default
FILE NAME: E:\1815-2\Structure\Final Design\CADD\CADD Sheets\06000146\0015-66\01-028-Boring_Logs.dgn



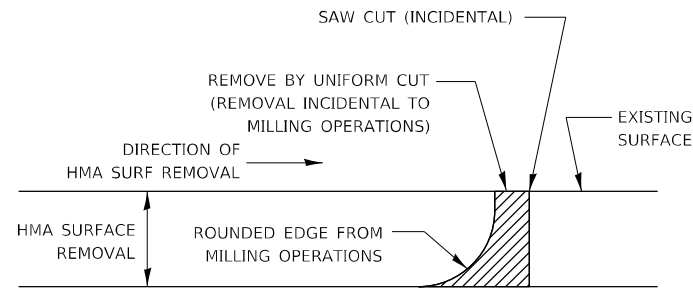
USER NAME =	DESIGNED - VPT	REVISED -
	CHECKED - CL	REVISED -
PLOT SCALE =	DRAWN - AJF	REVISED -
PLOT DATE = 8/3/2021	CHECKED - MTH	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SOIL BORING LOGS
STRUCTURE NOS. 006-0014(EB) & 006-0015(WB)

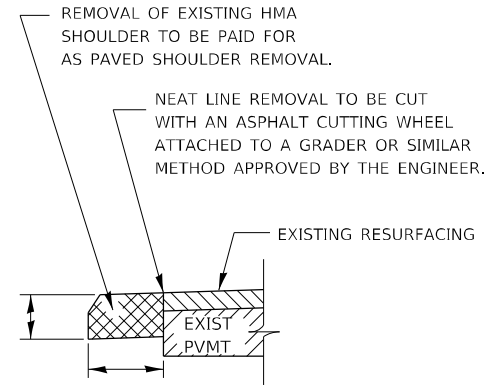
SHEET 28 OF 28 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(06-3B)BR	BUREAU	71	56
CONTRACT NO. 66J01				
ILLINOIS FED. AID PROJECT				

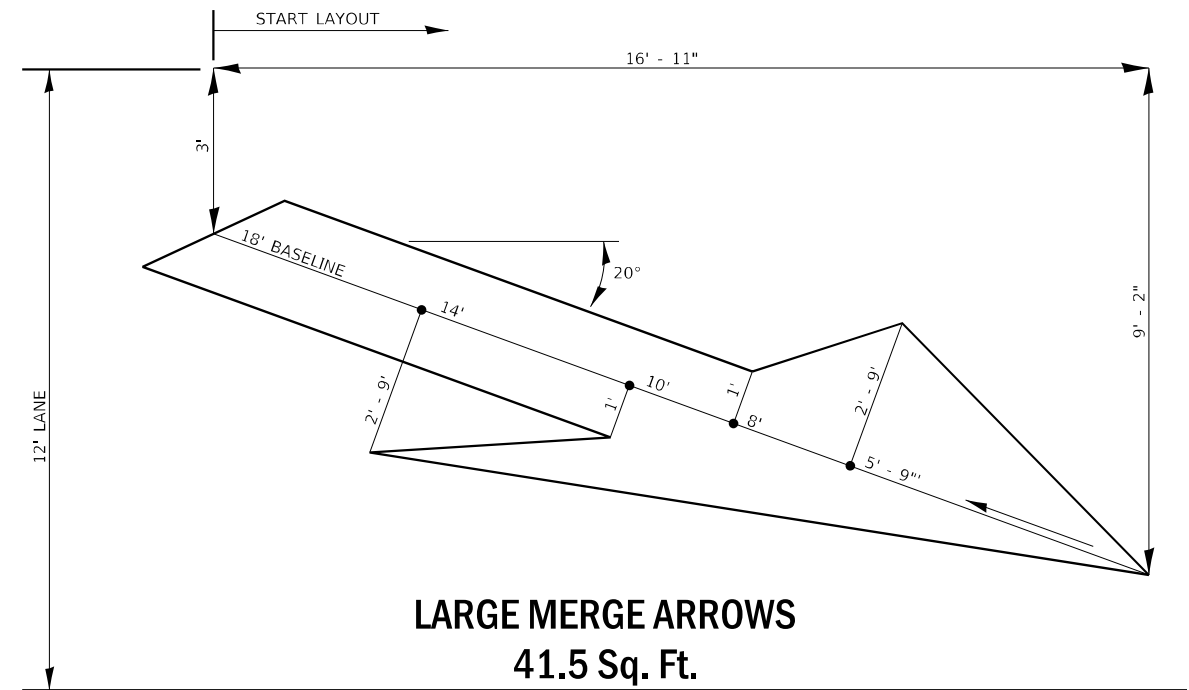


NOTE:
WHEN MILLING OPERATIONS PRODUCE A ROUNDED EDGE, THEN A SAW CUT SHALL BE USED TO MANUFACTURE A PERPENDICULAR EDGE AS SHOWN IN THE DETAIL. THE ENGINEER SHALL BE THE SOLE JUDGE CONCERNING THE USE OF THIS DETAIL.

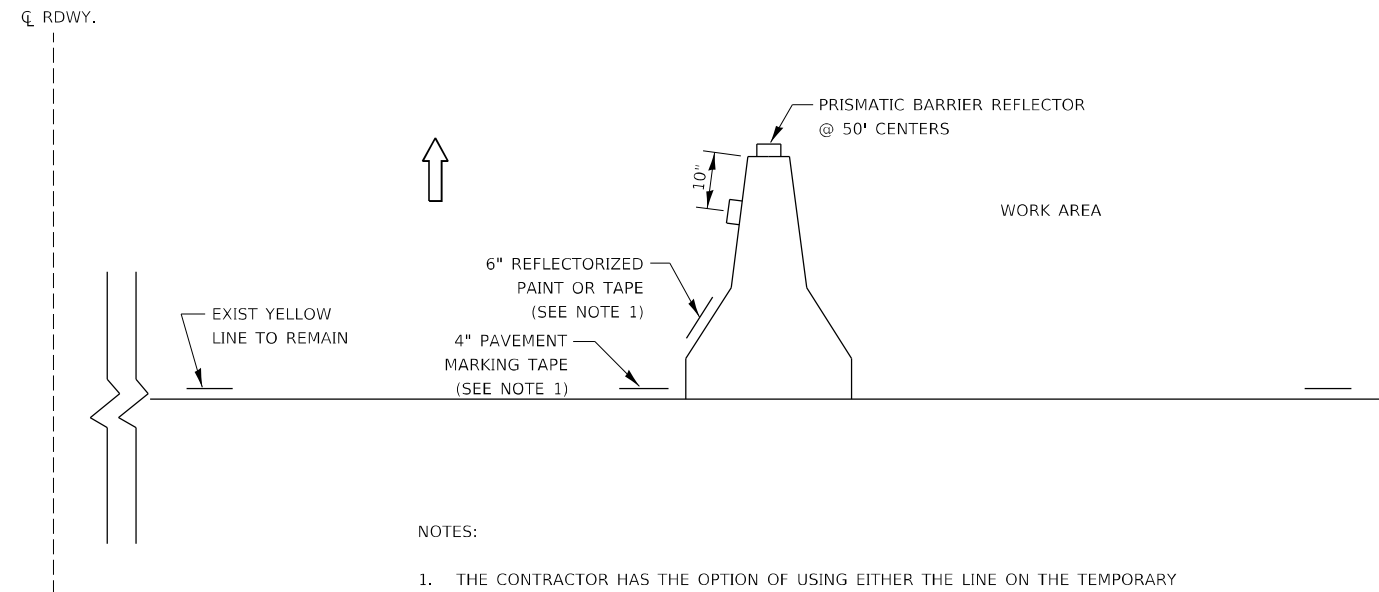
HMA DETAIL AT BUTT JOINTS



REMOVAL OF EXISTING HMA SHOULDER

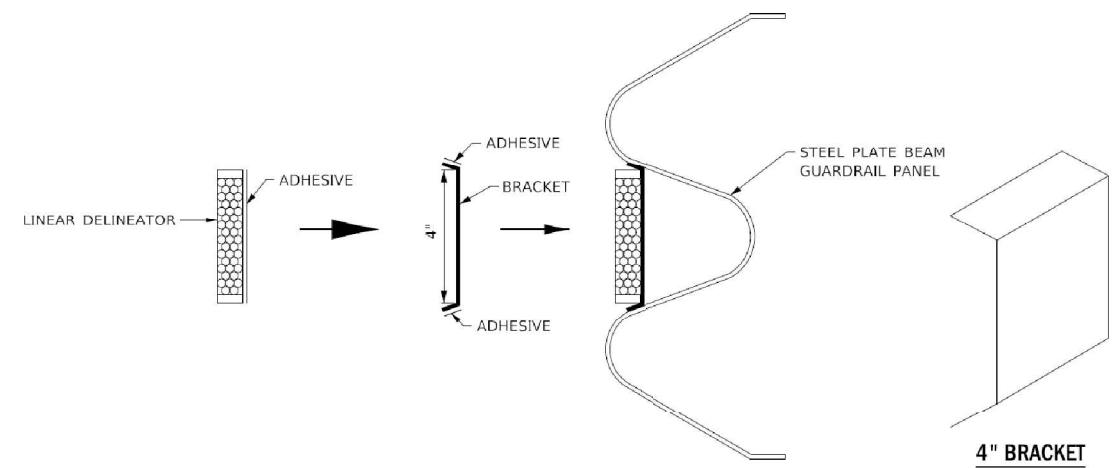


LARGE MERGE ARROWS 41.5 Sq. Ft.



- NOTES:
1. THE CONTRACTOR HAS THE OPTION OF USING EITHER THE LINE ON THE TEMPORARY CONCRETE BARRIER OR ON THE PAVEMENT.
 2. THE COLOR OF THE REFLECTORS AND PAVEMENT/BARRIER MARKING LINE WILL VARY WITH STAGING AND SHALL MATCH THE EXISTING LINE IN THE WORK AREA.
 3. THE COST OF THE REFLECTORS AND THE PAVEMENT/BARRIER MARKING LINE IS INCLUDED IN THE COST OF THE TEMPORARY CONCRETE BARRIER.

TRAFFIC CONTROL DETAIL FOR TEMPORARY CONCRETE BARRIER



LINEAR DELINEATOR APPLICATION TO STANDARD GALVANIZED GUARDRAIL

LINEATOR DELINEATOR SHALL BE APPLIED ACCORDING TO THE MANUFACTURER'S RECOMMENDATIONS

MODEL: Default
FILE NAME: P:\T\camp\32021\1918864.0_Projct\Deliverables\3_Drawings\CAD_Sheet\1918864.0-001.dgn

wood.

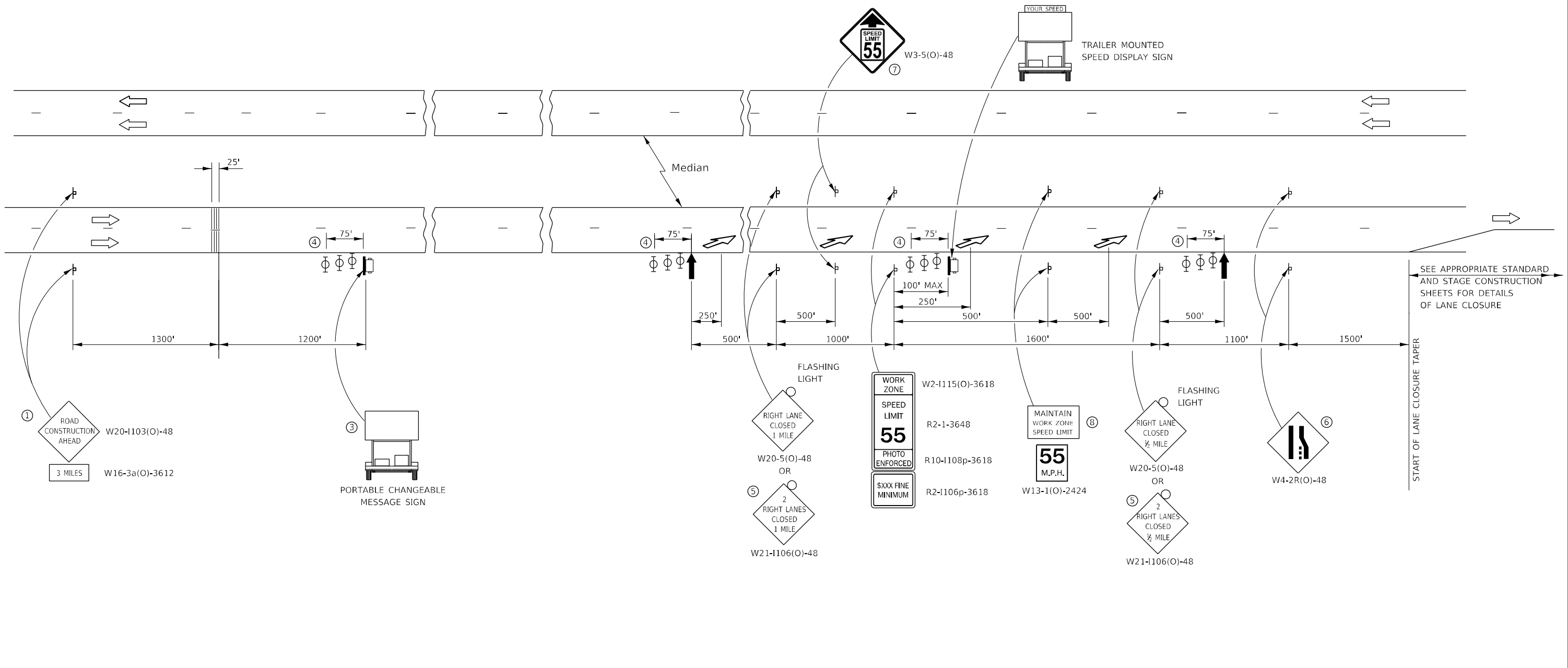
USER NAME = gustavo.pallares	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 100,0000' / in.	CHECKED -	REVISED -
PLOT DATE = 8/4/2021	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

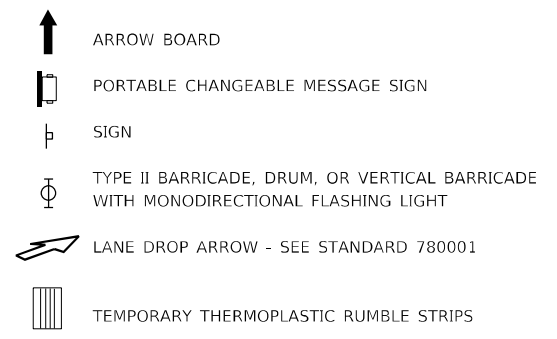
F.A.I. ROUTE 80 (I-80) OVER MAPLE GROVE CREEK
DETAILS

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(06-38)E5	BUREAU	71	57
CONTRACT NO. 66J01				
ILLINOIS FED. AID PROJECT				



- ① THE ROAD CONSTRUCTION AHEAD SIGN SHALL BE LOCATED 3 MILES IN ADVANCE OF THE PROJECT LIMITS.
- ② THE MESSAGE AND SIZE OF THE WORK ZONE PUBLIC INFORMATION SIGN SHALL BE AS SPECIFIED BY THE DEPARTMENT.
- ③ TO BE PLACED IN THE MEDIAN WHEN FEASIBLE. THE MESSAGE BOARD SHALL BE USED TO DISPLAY STATUS OF LANES WITHIN THE PROJECT. THE PRIMARY MESSAGES SHALL BE:
 "RIGHT LANE CLOSED" / " x MILES AHEAD"
 "LEFT LANE CLOSED" / " x MILES AHEAD"
 "ALL LANES OPEN"
- ④ THREE, TYPE II BARRICADES, DRUMS, OR VERTICAL BARRICADES AT 25' CENTERS.
- ⑤ THIS SIGN SHALL BE USED WHEN 2 LANES ARE CLOSED.
- ⑥ WHEN THE LEFT LANE IS CLOSED, SWITCH THESE TWO SIGNS AND THE DIRECTION OF THE MERGE ARROW.
- ⑦ THIS SIGN SHALL ONLY BE USED IF THE EXISTING SPEED LIMIT IS GREATER THAN 65 MPH.
- ⑧ 48"x36" FLUORESCENT ORANGE SIGN WITH BLACK LETTERS.
 48"
 36" MAINTAIN WORK ZONE SPEED LIMIT 8"
 6"
 6"



GENERAL NOTE:

THIS STANDARD IS USED WHERE AT ANY TIME A LANE IS CLOSED ON A FREEWAY/EXPRESSWAY.

WHEN THE LEFT LANE IS CLOSED, LEFT LANE CLOSED SIGNS SHALL BE SUBSTITUTED FOR THE RIGHT LANE CLOSED SIGNS.

THE FIRST TWO SIGNS AND THE MESSAGE BOARD ARE STATIONARY. THE OTHER SIGNS AND ARROWBOARDS SHALL BE MOVED AS NECESSARY TO MAINTAIN THE REQUIRED DISTANCE FROM THE START OF THE LANE CLOSURE TAPER(S).

SEE SPECIAL PROVISIONS.

ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE SHOWN.

MODEL: Default
FILE NAME: P:\IT\comp\32021\1916864\0_Project_Deliverables\3_Drawings\CAD_Sheet\DWG\66(01)-tbl-stdtbl-002.dwg



USER NAME = gustavo.pallares	DESIGNED -	REVISED -
PLOT SCALE = 100,0000' / in.	DRAWN -	REVISED -
PLOT DATE = 8/4/2021	CHECKED -	REVISED -
	DATE -	REVISED -

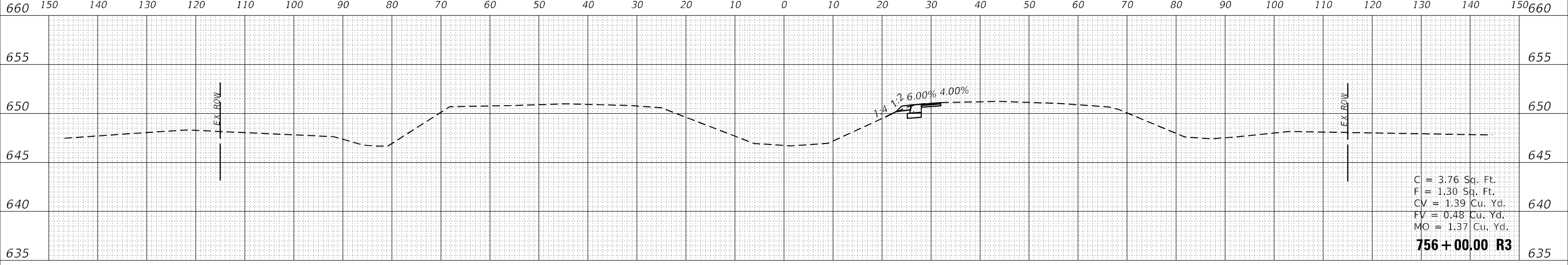
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**F.A.I. ROUTE 80 (I-80) OVER MAPLE GROVE CREEK
STANDARD 701400 SPECIAL**

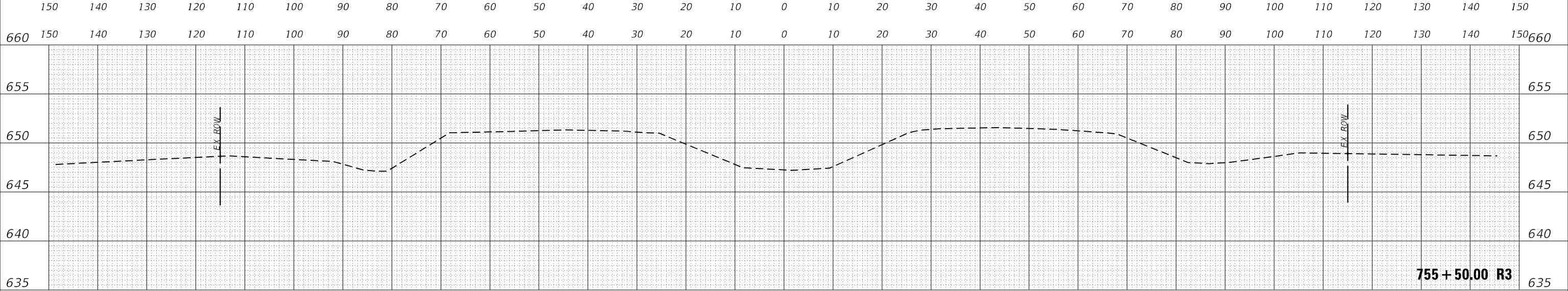
SCALE: SHEET OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(06-38)E5	BUREAU	71	58
			CONTRACT NO. 66J01	
ILLINOIS FED. AID PROJECT				

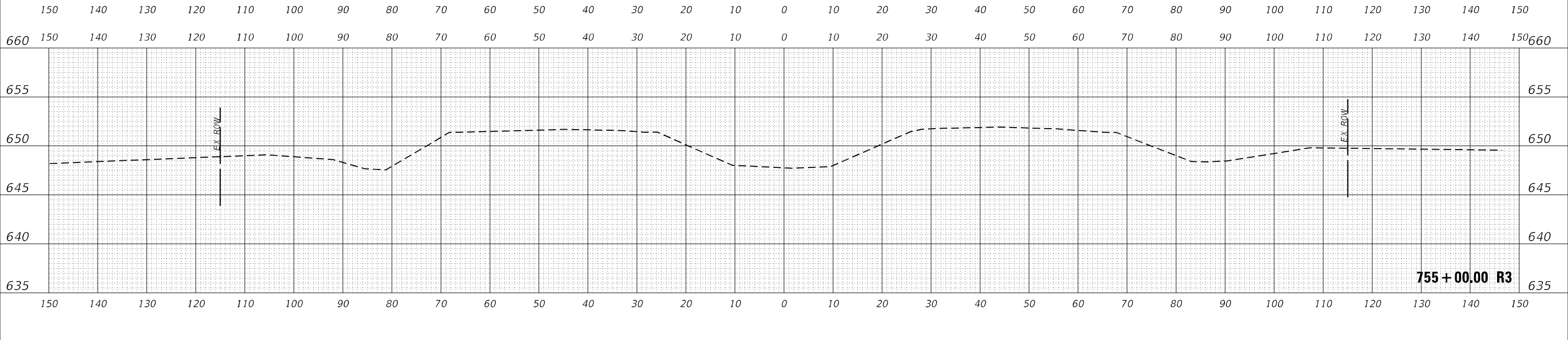
DATE	
BY	
FINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
NO.	TEMPLATE
	AREAS CHECKED



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



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



USER NAME = gustavo.pallares	DESIGNED -	REVISED -
PLOT SCALE = 20,0000' +/- in.	DRAWN -	REVISED -
PLOT DATE = 8/4/2021	CHECKED -	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.I. ROUTE 80 (I-80) OVER MAPLE GROVE CREEK
CROSS SECTIONS

SCALE: SHEET OF SHEETS STA. 755+00.00 R3 TO STA. 756+00.00 R3

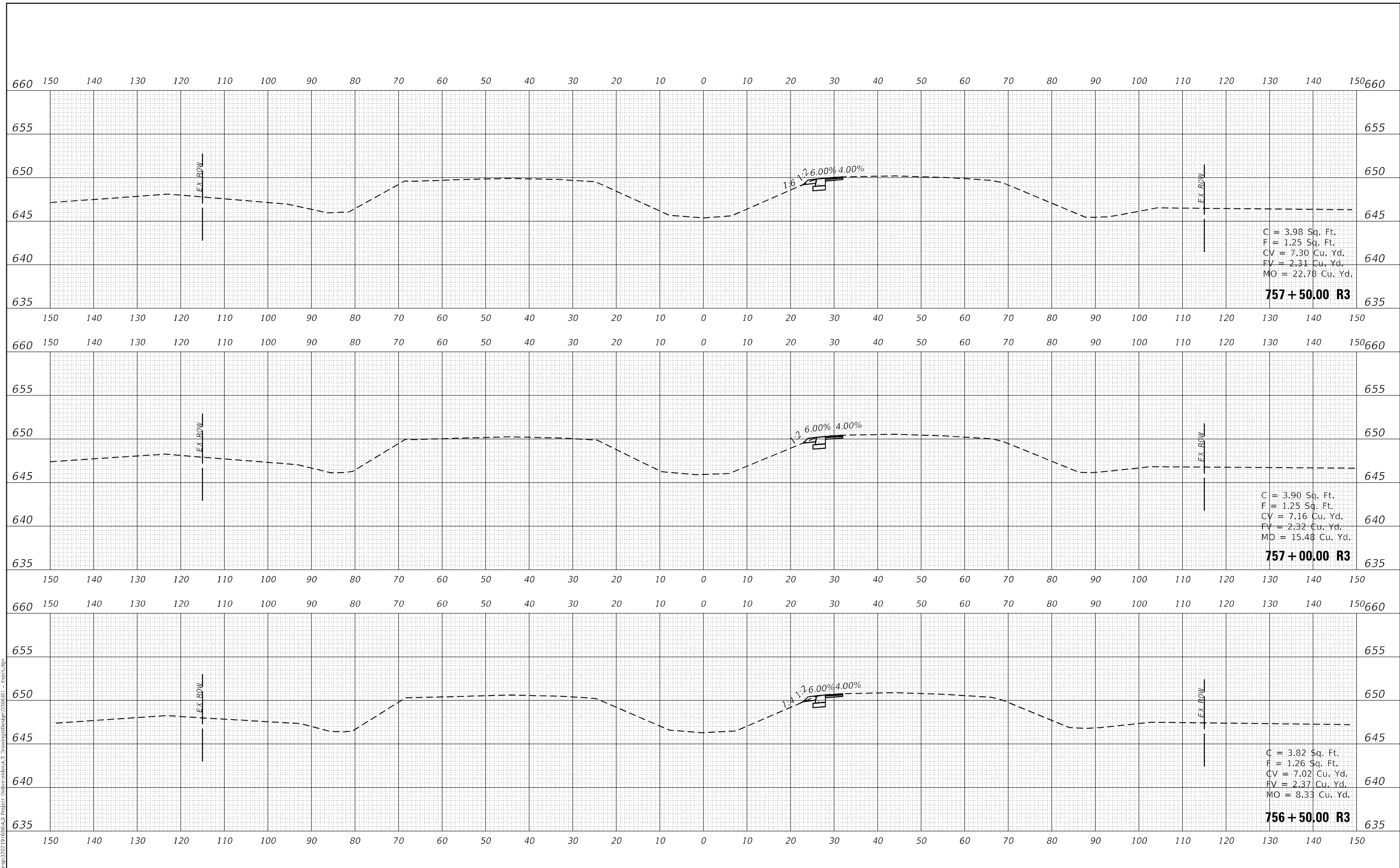
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(06-38)E5	BUREAU	71	59
CONTRACT NO. 66J01				
ILLINOIS FED. AID PROJECT				

MODEL: Prop_r80_Xsections
 FILE NAME: P:\projects\2021\66J01\66J01.dwg
 Project: Deliverables\4.3 Drawings\Design\0366J01 - Xsections.dgn

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

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

MODEL: Proj_00_Xsections
 FILE NAME: P:\anp\2021\06\6610.D Project Deliverables\3 Drawings\Design\0366101 - Xsec.dgn



USER NAME	= gustavo.pallares	DESIGNED -	REVISED -
PLOT SCALE	= 20,0000 * / in.	DRAWN -	REVISED -
PLOT DATE	= 8/4/2021	CHECKED -	REVISED -
		DATE -	REVISED -

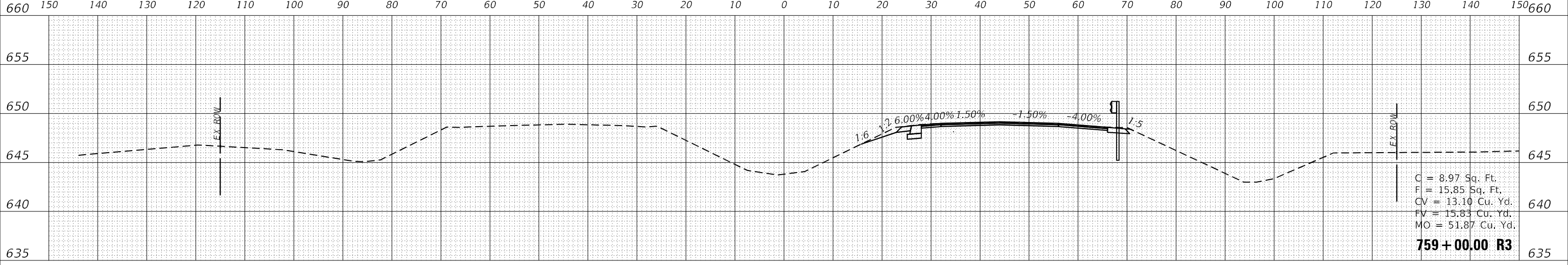
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**F.A.I. ROUTE 80 (I-80) OVER MAPLE GROVE CREEK
 CROSS SECTIONS**

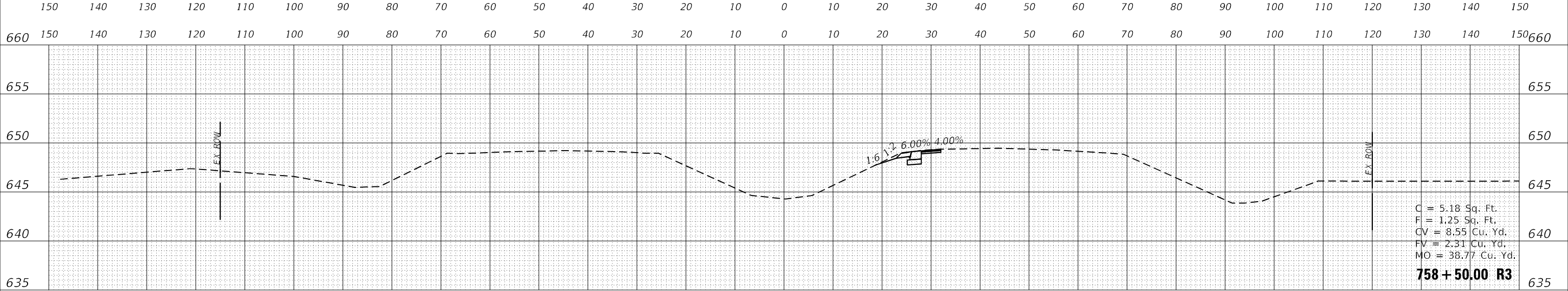
SCALE: SHEET OF SHEETS STA. 756+50.00 R3 TO STA. 757+50.00 R3

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(06-3B)E5	BUREAU	71	60
CONTRACT NO. 66J01			ILLINOIS FED. AID PROJECT	

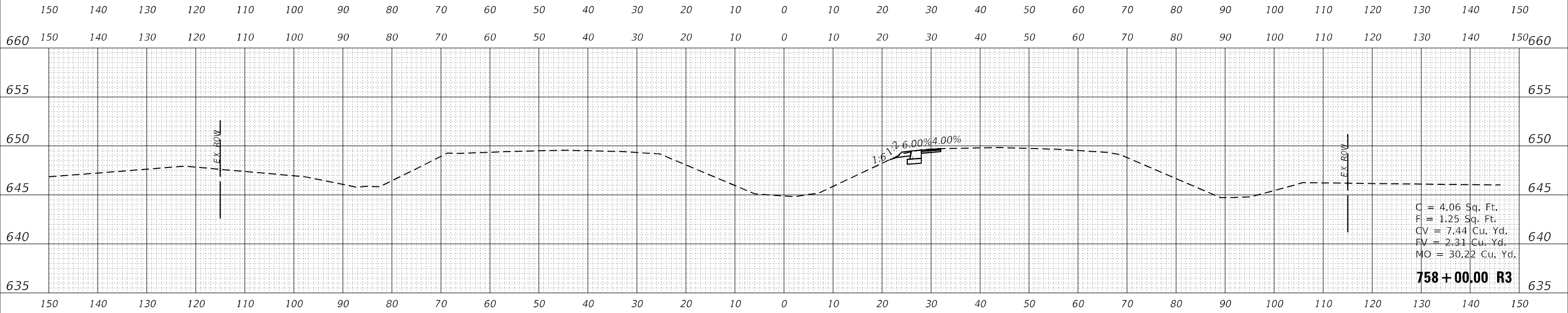
DATE	
BY	
FINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
NO.	TEMPLATE
	AREAS CHECKED
	AREAS CHECKED



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



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



MODEL: Prop_r80_xsections
 FILE NAME: P:\projects\2021\168640 Project Delivery\Drawings\Drawings\758+00 R3.dwg



USER NAME = gustavo.pallares	DESIGNED -	REVISD -
	DRAWN -	REVISD -
PLOT SCALE = 20,0000' / in.	CHECKED -	REVISD -
PLOT DATE = 8/4/2021	DATE -	REVISD -

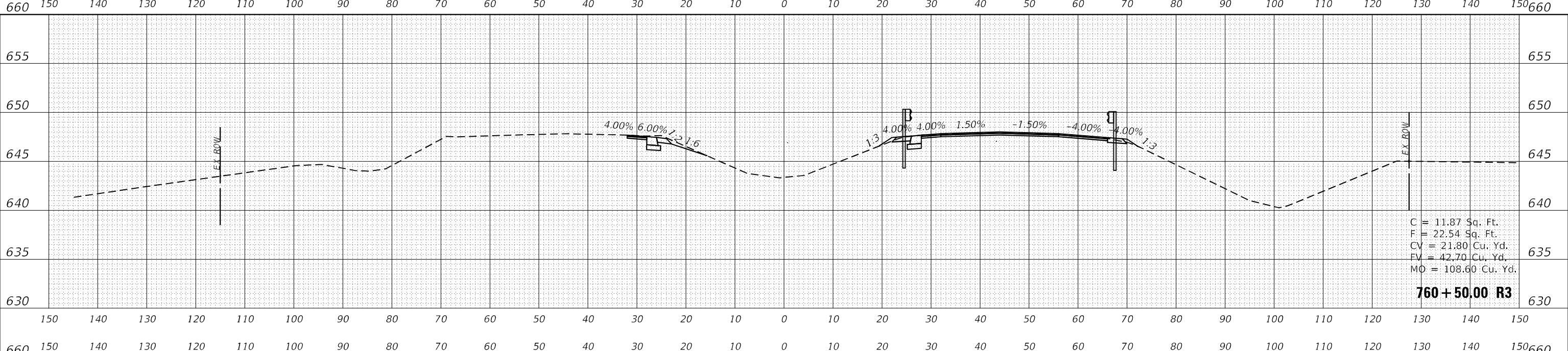
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**F.A.I. ROUTE 80 (I-80) OVER MAPLE GROVE CREEK
 CROSS SECTIONS**

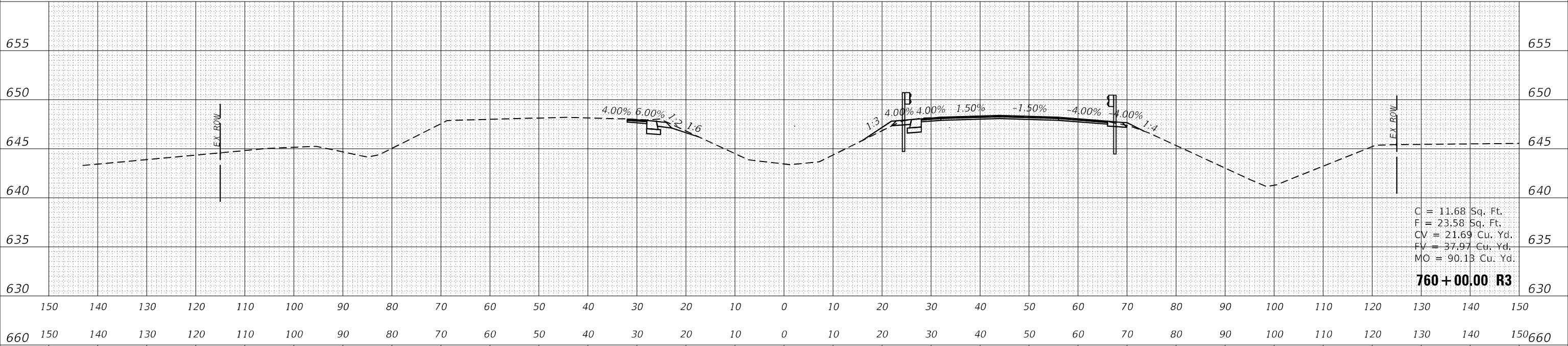
SCALE: SHEET OF SHEETS STA. 758+00.00 R3 TO STA. 759+00.00 R3

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(06-38)E5	BUREAU	71	61
CONTRACT NO. 66J01				
ILLINOIS FED. AID PROJECT				

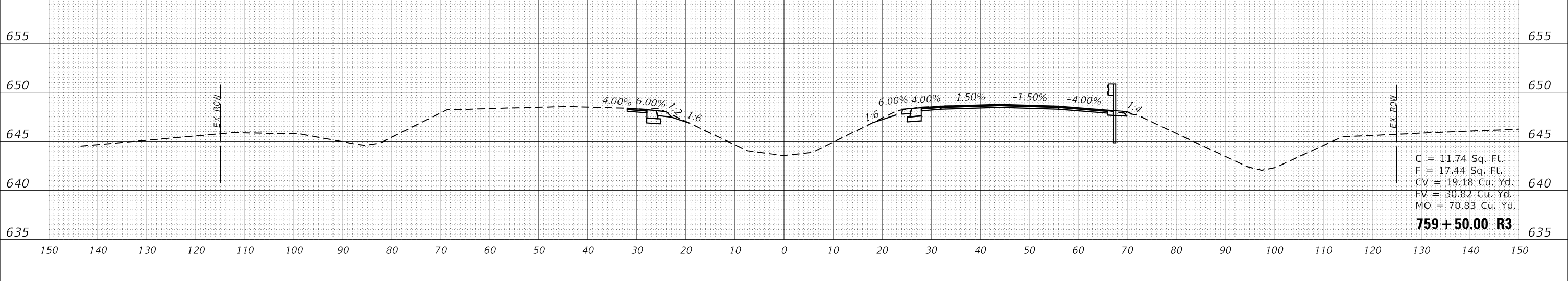
DATE	
BY	
FINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
NO.	TEMPLATE
	AREAS CHECKED



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



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



MODEL: Proj: r80_xsections
 FILE NAME: P:\pans\2021\068\00 Project Deliverables\4.3 Drawings\Design\0366101 - R3e5.dgn



USER NAME = gustavo.pallares	DESIGNED -	REVISÉ -
	DRAWN -	REVISÉ -
PLOT SCALE = 20,0000 * / in.	CHECKED -	REVISÉ -
PLOT DATE = 8/4/2021	DATE -	REVISÉ -

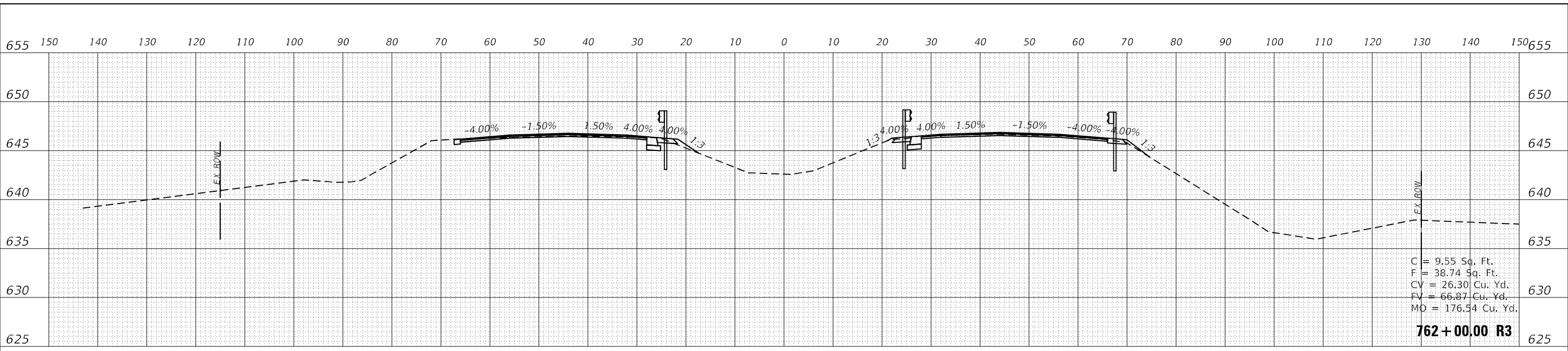
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**F.A.I. ROUTE 80 (I-80) OVER MAPLE GROVE CREEK
 CROSS SECTIONS**

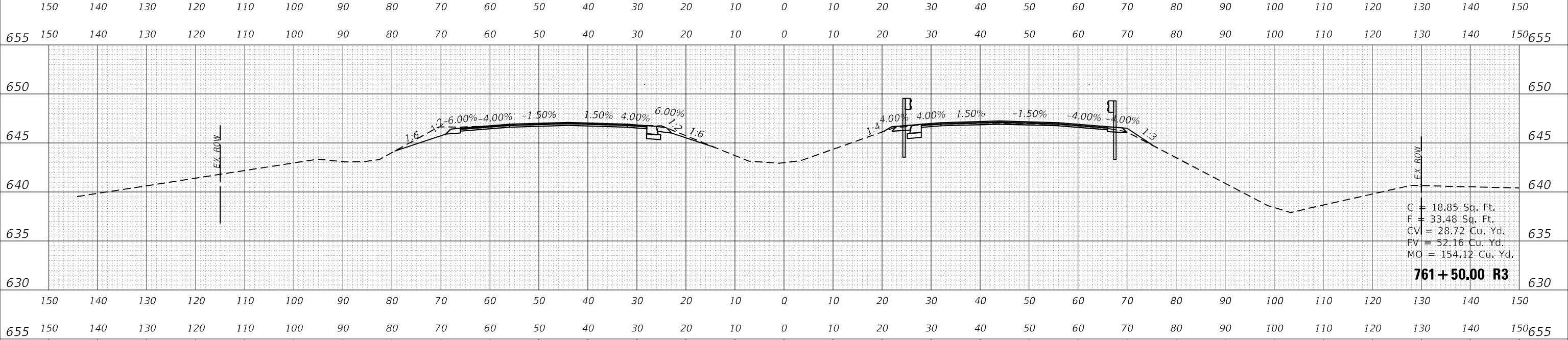
SCALE: SHEET OF SHEETS STA. 759+50.00 R3 TO STA. 760+50.00 R3

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(06-3B)E5	BUREAU	71	62
CONTRACT NO. 66J01				
ILLINOIS FED. AID PROJECT				

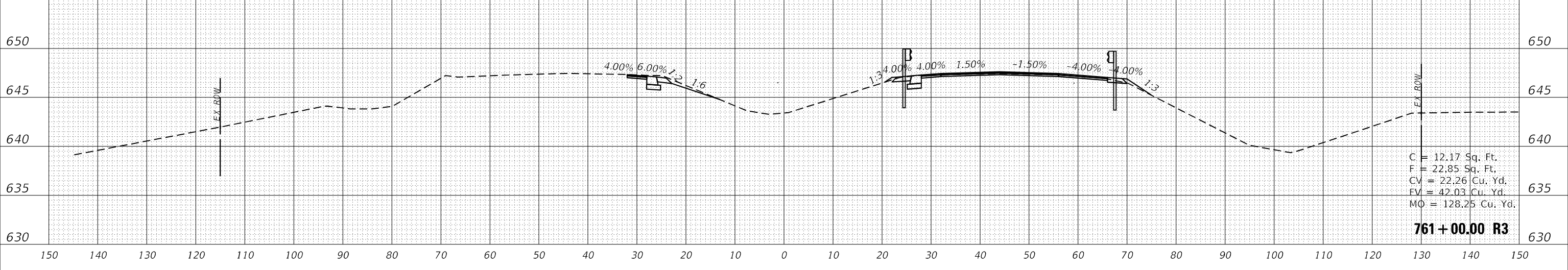
DATE	
BY	
FINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
NO.	TEMPLATE
	AREAS CHECKED



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



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



USER NAME = gustavo.pallares	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 20,0000 * / in.	CHECKED -	REVISED -
PLOT DATE = 8/4/2021	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

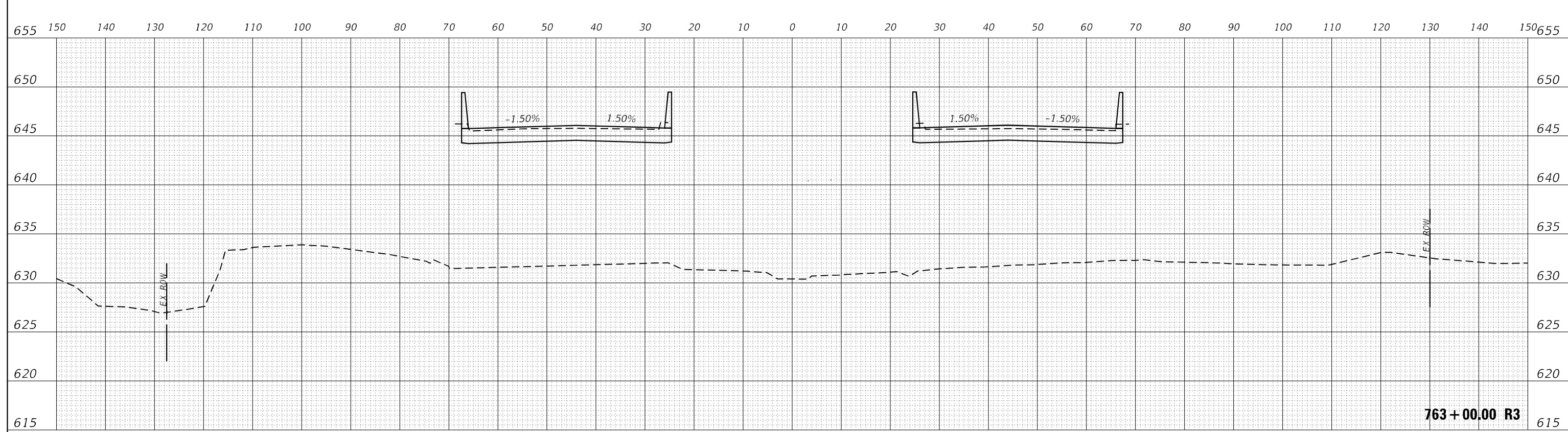
**F.A.I. ROUTE 80 (I-80) OVER MAPLE GROVE CREEK
CROSS SECTIONS**

SCALE: SHEET OF SHEETS STA. 761+00.00 R3 TO STA. 762+00.00 R3

F.A.I. RTE. 80	SECTION (06-3B)E5	COUNTY BUREAU	TOTAL SHEETS 71	SHEET NO. 63
CONTRACT NO. 66J01			ILLINOIS FED. AID PROJECT	

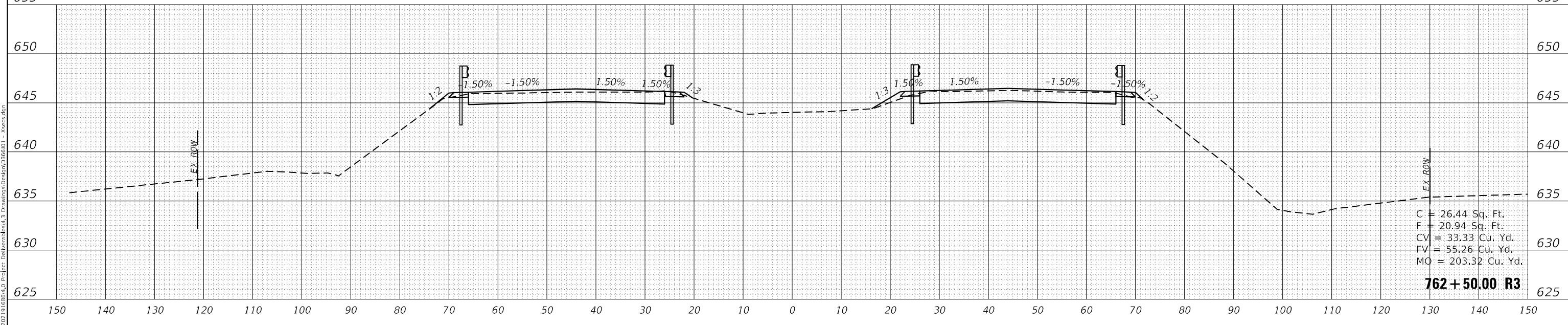
MODEL: Proj: r80_xsections
FILE NAME: P:\pantel\2021\0686\0 Project Deliverables\4.3 Drawings\Design\0366101 - Xsec.sldprt

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



763+00.00 R3

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



C = 26.44 Sq. Ft.
 F = 20.94 Sq. Ft.
 CV = 33.33 Cu. Yd.
 FV = 55.26 Cu. Yd.
 MO = 203.32 Cu. Yd.

762+50.00 R3

MODEL: Prop_r80_xenodions
 FILE NAME: P:\p\p\2021\168640 Project Deliverables\3 Drawings\Design\0366101 - Rxs.dgn



USER NAME = gustavo.pallares
 PLOT SCALE = 20,0000 * / in.
 PLOT DATE = 8/4/2021

DESIGNED -
 DRAWN -
 CHECKED -
 DATE -

REVISED -
 REVISED -
 REVISED -
 REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

F.A.I. ROUTE 80 (I-80) OVER MAPLE GROVE CREEK
 CROSS SECTIONS

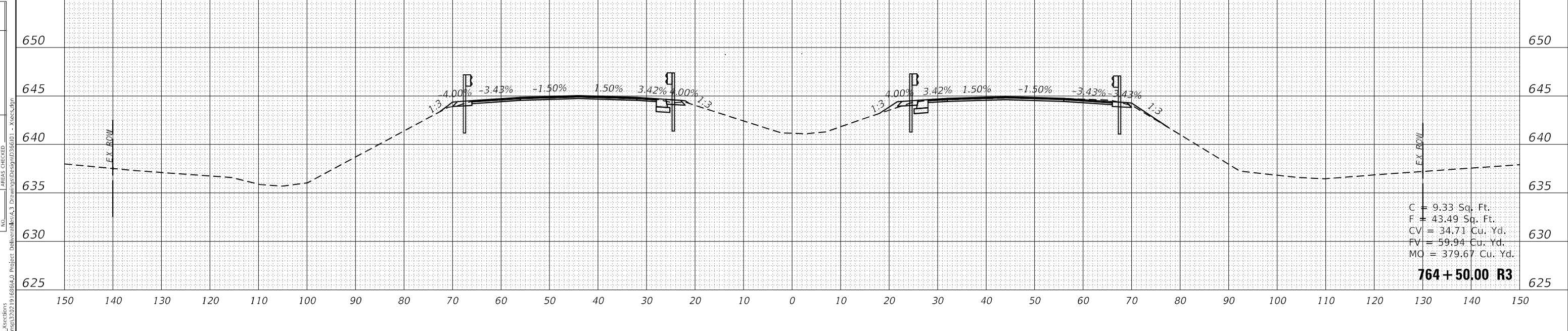
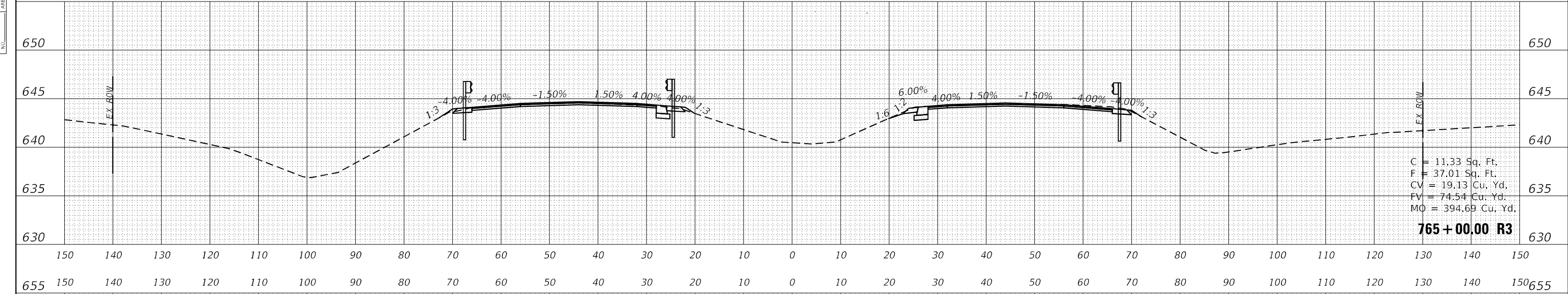
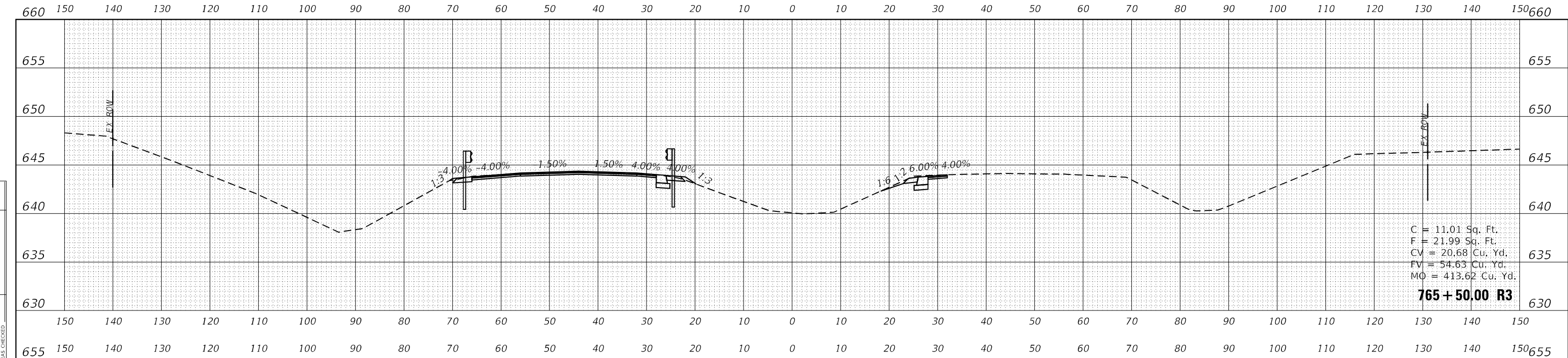
SCALE: SHEET OF SHEETS STA. 762+50.00 R3 TO STA. 763+00.00 R3

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(06-38)E5	BUREAU	71	64
CONTRACT NO. 66J01				

ILLINOIS FED. AID PROJECT

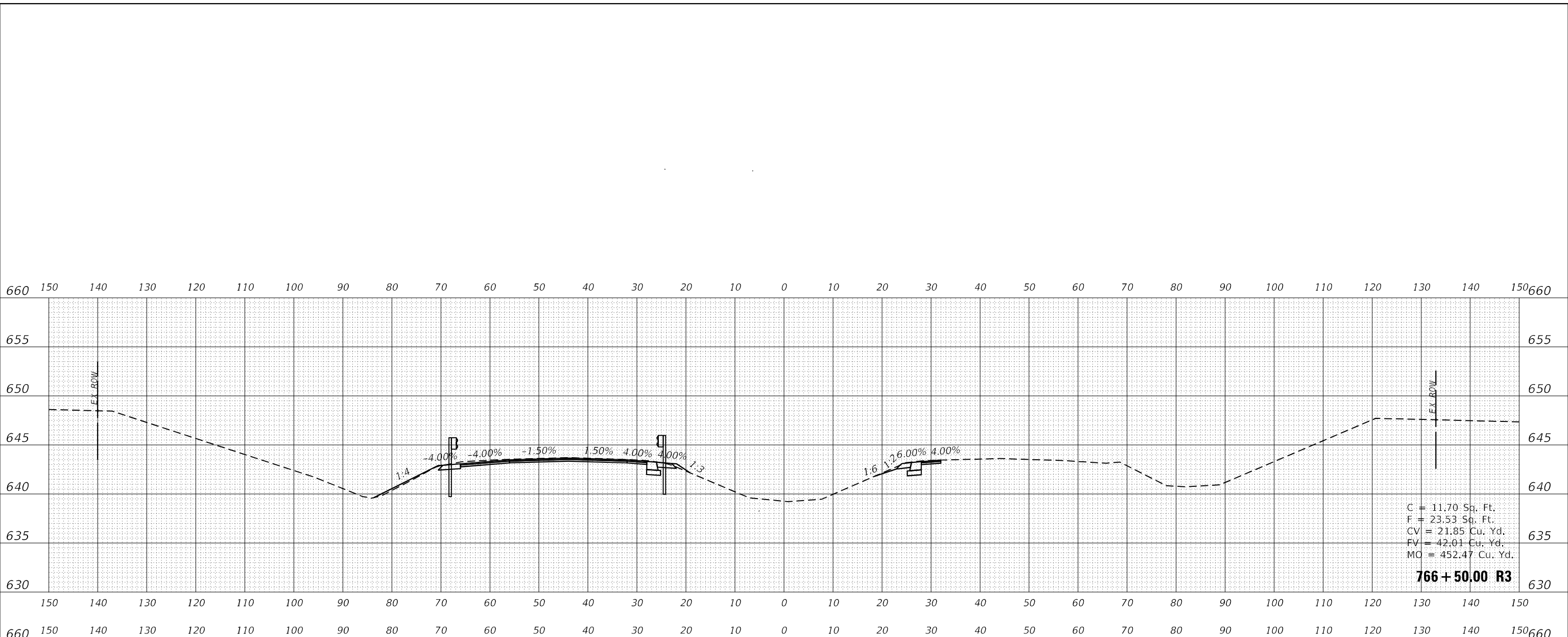
DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS CHECKED	
FINAL SURVEY	
NOTE BOOK	
NO.	

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

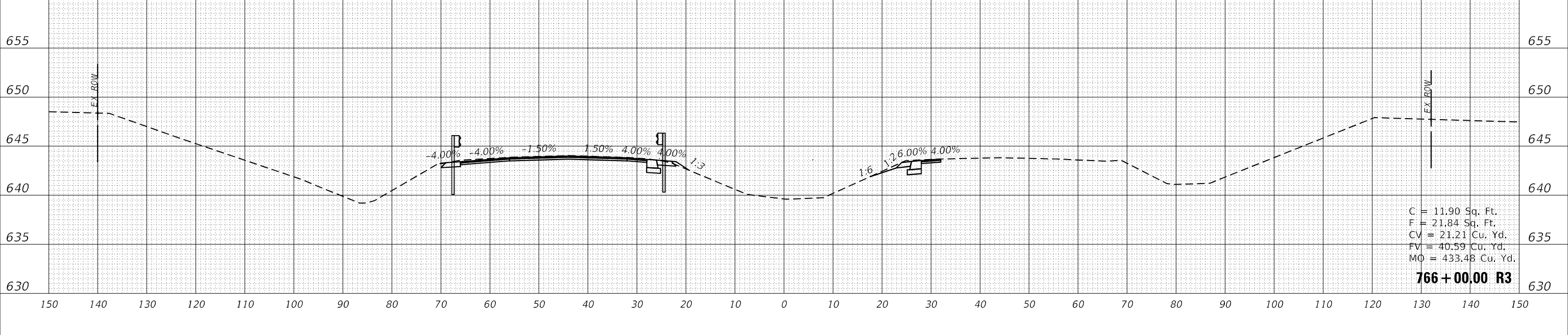


	USER NAME = gustavo.pallares	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	F.A.I. ROUTE 80 (I-80) OVER MAPLE GROVE CREEK CROSS SECTIONS	F.A.I. RTE. = 80	SECTION = (06-3B)E5	COUNTY =	TOTAL SHEETS = 71	SHEET NO. = 66	
	PLLOT SCALE = 20,0000 * / in.	CHECKED -	REVISED -			SCALE:	SHEET OF SHEETS	STA. 764+50.00 R3 TO STA. 765+50.00 R3	CONTRACT NO. 66J01		
	PLLOT DATE = 8/4/2021	DATE -	REVISED -					ILLINOIS FED. AID PROJECT			

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



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



MODEL: Proj_e00_xsections
 FILE NAME: P:\work\2021\1066640 Project Deliverables\3 Drawings\Design\036601 - Xsec.dgn



USER NAME = gustavo.pallares	DESIGNED -	REVISED -
PLOT SCALE = 20,0000' / in.	DRAWN -	REVISED -
PLOT DATE = 8/4/2021	CHECKED -	REVISED -
	DATE -	REVISED -

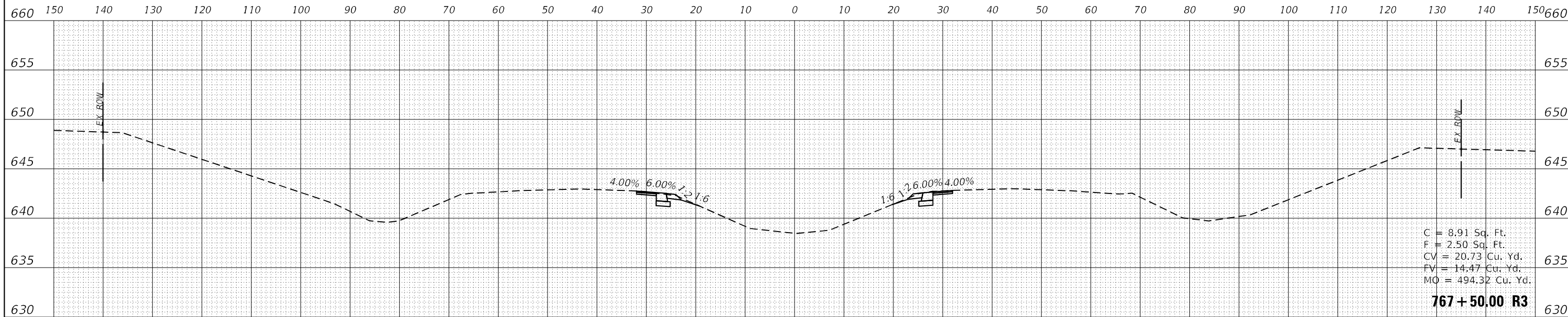
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**F.A.I. ROUTE 80 (I-80) OVER MAPLE GROVE CREEK
 CROSS SECTIONS**

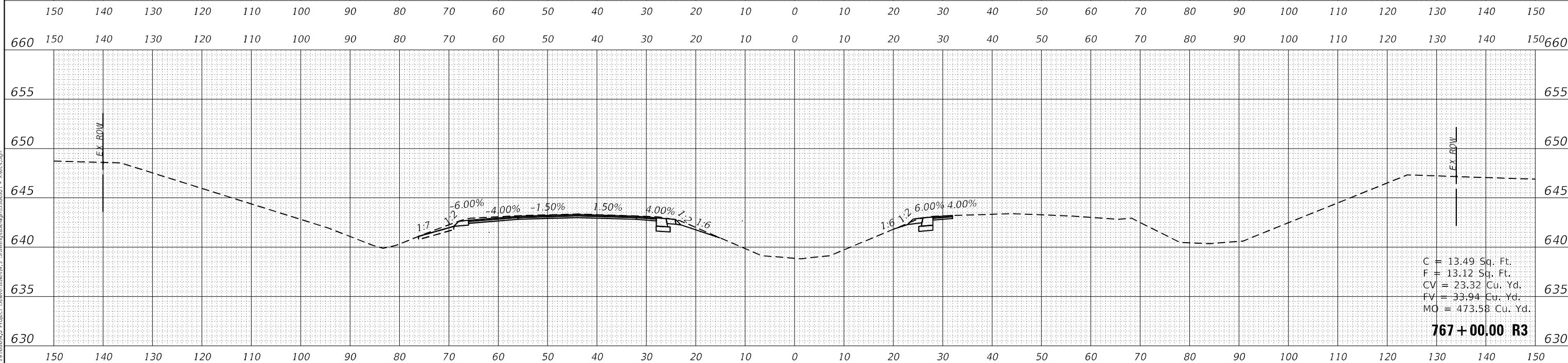
SCALE: SHEET OF SHEETS STA. 766+00.00 R3 TO STA. 766+50.00 R3

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(06-3B)E5	BUREAU	71	67
			CONTRACT NO. 66J01	
		ILLINOIS	FED. AID PROJECT	

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



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



MODEL: Proj_e00_xsections
 FILE NAME: P:\work\2021\166640 Project Deliverables\3 Drawings\Design\036601 - Xsec.dgn



USER NAME	= gustavo.pallares
PLOT SCALE	= 20,0000 * / in.
PLOT DATE	= 8/4/2021

DESIGNED	-
DRAWN	-
CHECKED	-
DATE	-

REVISED	-
REVISED	-
REVISED	-
REVISED	-

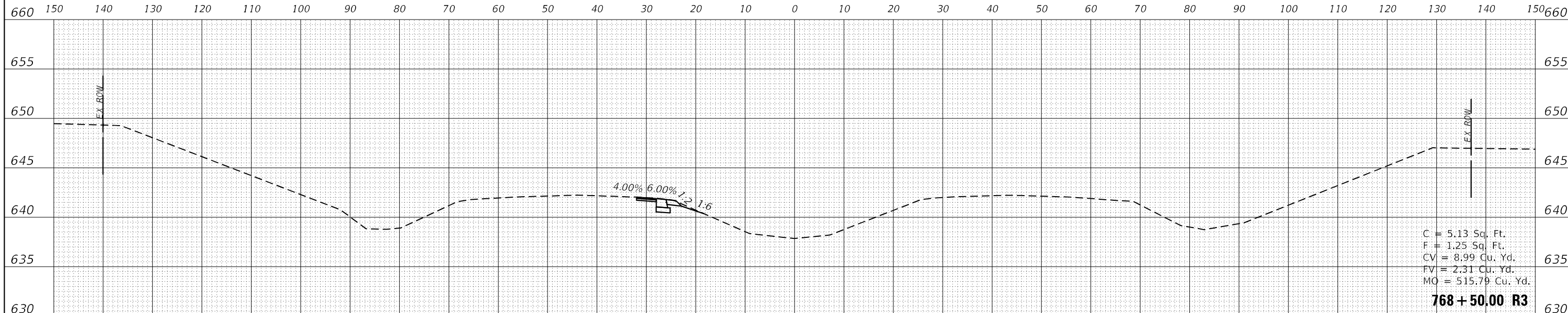
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

F.A.I. ROUTE 80 (I-80) OVER MAPLE GROVE CREEK
 CROSS SECTIONS

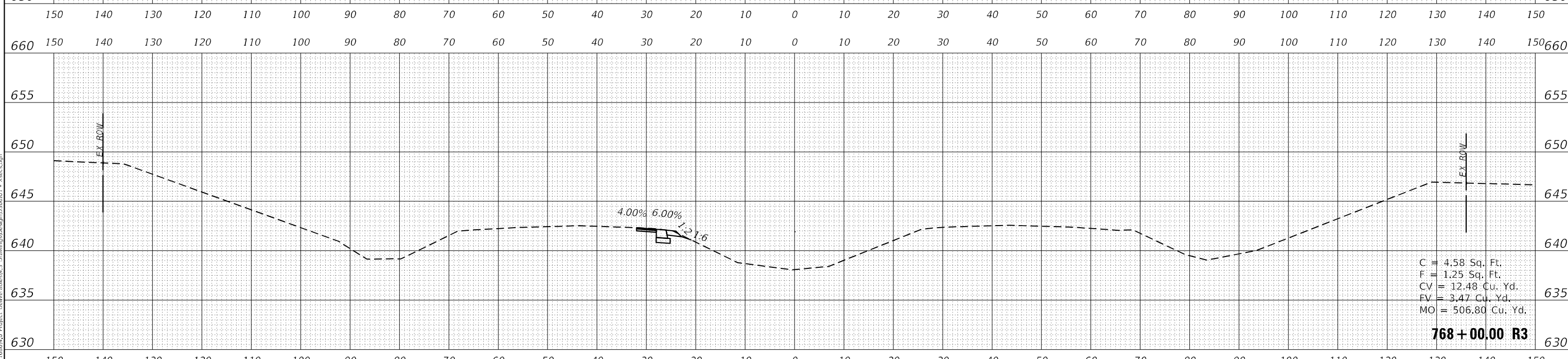
SCALE: SHEET OF SHEETS STA. 767+00.00 R3 TO STA. 767+50.00 R3

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(06-3B)E5	BUREAU	71	68
			CONTRACT NO. 66J01	
ILLINOIS FED. AID PROJECT				

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



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



MODEL: Proj_e00_xsections
 FILE NAME: P:\anp\2021\168640 Project Deliverables\3 Drawings\Design\036601 - Xsec.dgn



USER NAME	= gustavo.pallares	DESIGNED -	REVISED -
PLOT SCALE	= 20,0000 * / in.	DRAWN -	REVISED -
PLOT DATE	= 8/4/2021	CHECKED -	REVISED -
		DATE -	REVISED -

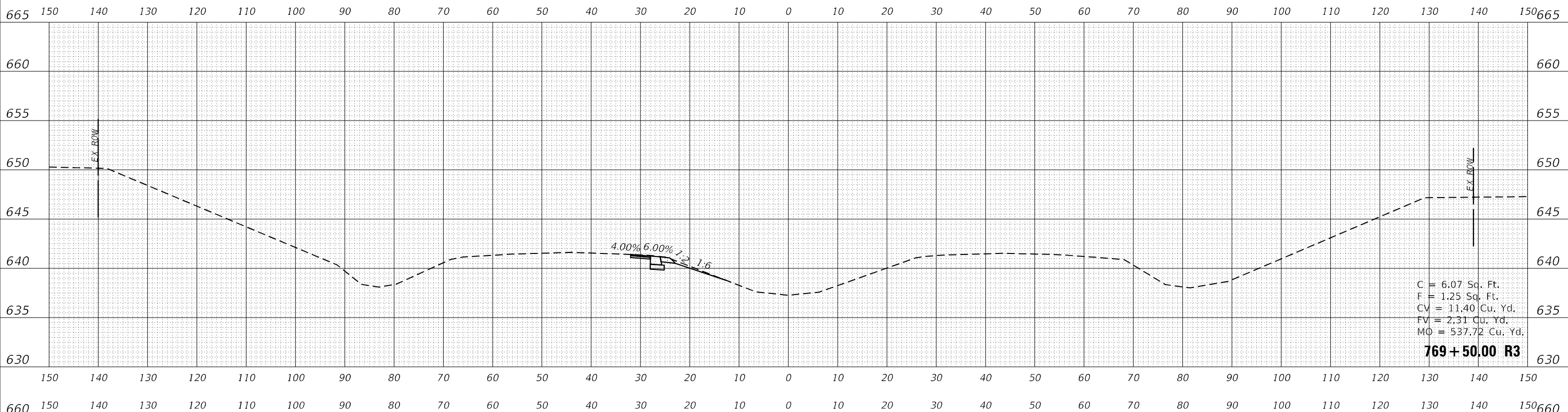
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**F.A.I. ROUTE 80 (I-80) OVER MAPLE GROVE CREEK
 CROSS SECTIONS**

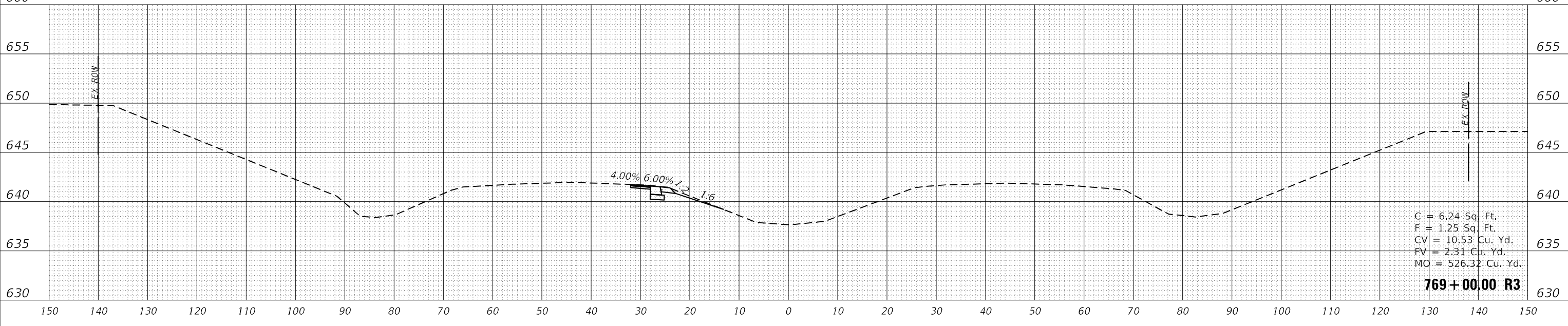
SCALE: SHEET OF SHEETS STA. 768+00.00 R3 TO STA. 768+50.00 R3

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(06-3B)E5	BUREAU	71	69
			CONTRACT NO. 66J01	
		ILLINOIS	FED. AID PROJECT	

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



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



MODEL: Prop_r80_xsections.dwg
FILE NAME: P:\projects\2021\1686640\Project_Deliverables\4.3 Drawings\Design\036601 - Xsec.dwg



USER NAME = gustavo.pallares	DESIGNED -	REVISED -
PLOT SCALE = 20,0000 * / in.	DRAWN -	REVISED -
PLOT DATE = 8/4/2021	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**F.A.I. ROUTE 80 (I-80) OVER MAPLE GROVE CREEK
CROSS SECTIONS**

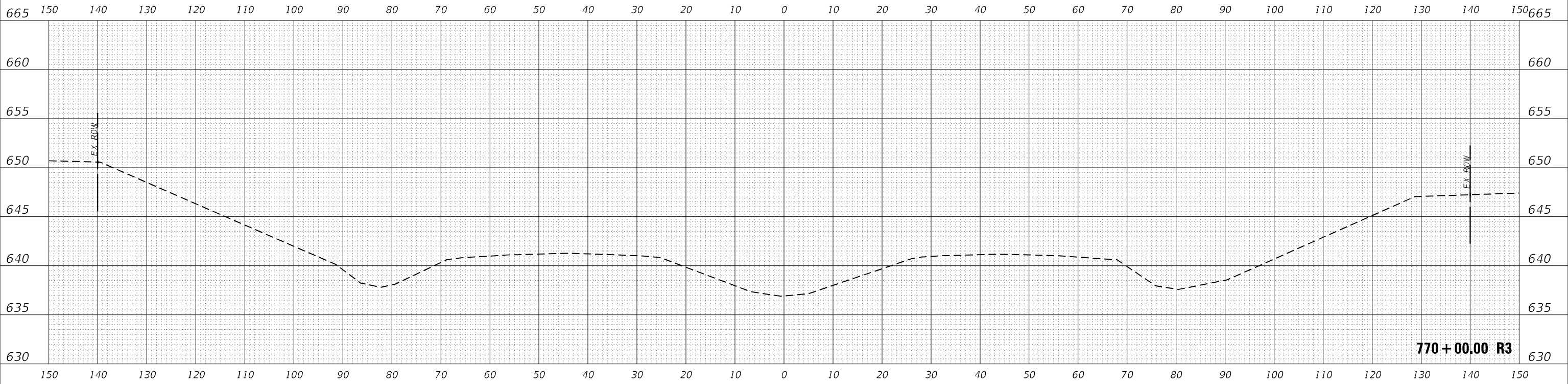
SCALE: SHEET OF SHEETS STA. 769+00.00 R3 TO STA. 769+50.00 R3

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(06-38)E5	BUREAU	71	70
CONTRACT NO. 66J01			ILLINOIS FED. AID PROJECT	

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

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

MODEL: Prop_00_xsections
 FILE NAME: P:\anp\2021\66666_00 Project - Deliverables\4.3 Drawings\Design\0366601 - Xsec.dgn



770+00.00 R3



USER NAME = gustavo.pallares	DESIGNED -	REVISED -
PLOT SCALE = 20,0000 * / in.	DRAWN -	REVISED -
PLOT DATE = 8/4/2021	CHECKED -	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

F.A.I. ROUTE 80 (I-80) OVER MAPLE GROVE CREEK
 CROSS SECTIONS

SCALE: SHEET OF SHEETS STA. 770+00.00 R3 TO STA. 770+00.00 R3

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(06-38)E5	BUREAU	71	71
CONTRACT NO. 66J01				
ILLINOIS FED. AID PROJECT				