11-06-2026 LETTING ITEM 062

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
673	(111BR) BR	LIVINGSTON	44	1
	ILLINOIS	CONTRACT NO. 66M78		

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROPOSED HIGHWAY PLANS

FAP ROUTE 673 (IL 116)
SECTION (111BR) BR
PROJECT STP-NVML(607)
SN 053-0103 BRIDGE REPLACEMENT
LIVINGSTON COUNTY

C-93-123-24

INDEX OF SHEETS

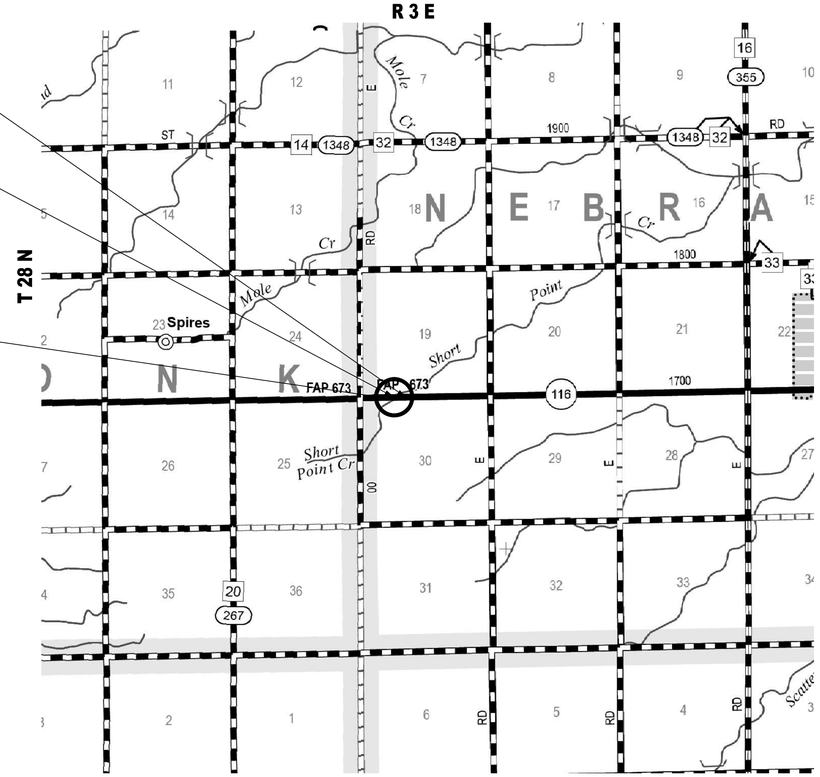
1	COVER SHEET
2	GENERAL NOTES, HIGHWAY STANDARDS AND HMA MIX TABLE
3 - 8	SUMMARY OF QUANTITIES
9 - 10	SCHEDULE OF QUANTITIES
11 - 13	TYPICAL SECTIONS
14 - 15	ALIGNMENT, TIES, AND BENCHMARKS
16	REMOVAL PLAN
17	PLAN AND PROFILE
18 - 23	MAINTENANCE OF TRAFFIC
24	EROSION & SEDIMENT CONTROL PLAN & DETAILS
25	LANDSCAPE PLAN
26	RIGHT OF WAY PLANS
27 - 32	STRUCTURE PLANS - S.N. 053-2043
33 - 35	EXISTING STRUCTURE PLANS
36 - 39	ROADWAY DETAILS
40 - 44	CROSS SECTIONS

INDEX OF HIGHWAY STANDARDS
FOR INDEX OF HIGHWAY STANDARDS, SEE SHEET NO. 2

PROJECT BEGINS
STA 786+50

EXISTING S.N. 053-0103
STA 788+91.00
PROPOSED S.N. 053-2043
STA 788+91.00

PROJECT ENDS
STA 792+00



GROSS LENGTH = 550 FT. = 0.104 MILE
NET LENGTH = 550 FT. = 0.104 MILE

N
N.T.S.

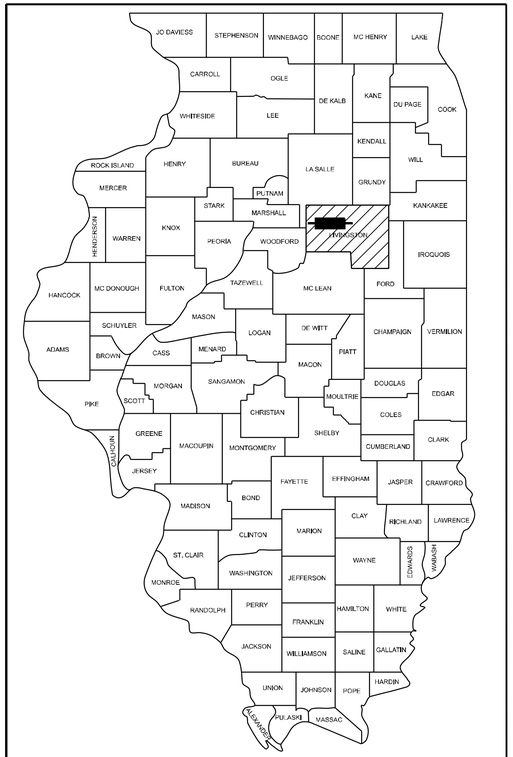
100' 200' 300' — 1"= 100'
0 10' 20' 30' — 1"= 10'
0 50' 100' — 1"= 50'
0 50' 100' — 1"= 40'
0 50' 100' — 1"= 30'
0 50' 100' — 1"= 20'

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

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

DISTRICT 3 NO. 815-434-6131
PROJECT ENGINEER: DAVE ALEXANDER, P.E.
SQUAD LEADER: DARCY MITCHELL
CONTRACT NO. 66M78

D-93-085-24



LOCATION OF SECTION INDICATED THUS: -

FUNCTIONAL CLASSFICATION
MINOR ARTERIAL
F.A.P. ROUTE 673 (IL 116)
2023 ADT = 2050
PV = 85.3% SU = 4.9% MU = 9.8%

THOMAS S. BORGES
062-067676
LICENSED PROFESSIONAL ENGINEER
OF ILLINOIS
EXP. 11/30/2027
DATE SIGNED: 8/13/2026
APPLIES TO SHEETS: 1-26, 36-44

ROBERT C. JANKE
081-004698
LICENSED STRUCTURAL ENGINEER
STATE OF ILLINOIS
EXP. 11/30/2026
DATE SIGNED: 8/13/2026
APPLIES TO SHEETS: 27-35

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUBMITTED August 18, 20 26
Trisha Thompson
MS REGIONAL ENGINEER

October 2, 20 26
ENGINEER OF DESIGN AND ENVIRONMENT

October 2, 20 26
DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

PRINTED BY THE AUTHORITY OF THE STATE OF ILLINOIS

BLOOM COMPANIES, LLC

GENERAL NOTES

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

2. THE BASE COURSE WIDENING SHALL BE CARRIED THROUGH ALL ENTRANCES, SIDE ROADS, AND MAILBOX TURNOUTS. EXCEPTIONS WILL BE SHOWN ON THE PLANS.

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

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

5. THE FINISHED EARTHWORK SHALL HAVE A VEGETATION SUSTAINING SOIL COVERING THE TOP FOUR INCHES (100 MILLIMETERS) 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 EARTH EXCAVATION.

6. ALL EXCAVATED MATERIAL, WHICH INCLUDES DIGGING OR GRADING OF ANY SOIL OR FILL MATERIAL, WITH THE EXCEPTION OF AGGREGATE FILLS, MUST BE INCORPORATED WITHIN THE IDOT RIGHT OF WAY.

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

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

GRANULAR MATERIALS	2.05	TONS / CU YD
HMA RESURFACING	112	LBS / SQ YD / IN
MIX FOR CRACKS, JTS & FLGWYS	0.0003	TONS / SQ YD
BINDER (HAND METHOD)	0.0005	TONS / SQ YD

9. MEMBERS OF JULIE KNOWN TO BE WITHIN THE LIMITS OF THE IMPROVEMENT ARE: COMMONWEALTH EDISON AND FRONTIER COMMUNICATIONS.

10. THE CONTRACTOR SHALL CONTACT J.U.L.I.E. AT LEAST 48 HOURS PRIOR TO EXCAVATION TO DETERMINE WHICH UTILITIES ARE IN THE AREA.

HIGHWAY STANDARDS

000001-09	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
001001-02	AREAS OF REINFORCEMENT BARS
001006	DECIMAL OF AN INCH AND OF A FOOT
280001-07	TEMPORARY EROSION CONTROL SYSTEMS
482011-03	HMA SHLD. STRIPS/SHLDS. WITH RESURFACING OR WIDENING AND RESURFACING PROJECTS
515001-04	NAME PLATE FOR BRIDGES
630001-13	STEEL PLATE BEAM GUARDRAIL
630101-11	STRONG POST GUARDRAIL ATTACHED TO CULVERT
630201-07	PCC/HMA STABILIZATION AT STEEL PLATE BEAM GUARDRAIL
630301-09	SHOULDER WIDENING FOR TYPE I (SPECIAL) GUARDRAIL TERMINALS
642006-01	SHOULDER RUMBLE STRIPS, 8 IN.
665001-02	WOVEN WIRE FENCE
701001-02	OFF-RD OPERATIONS, 2L, 2W, MORE THAN 15' (4.5m) AWAY
701006-05	OFF-RD OPERATIONS, 2L, 2W, 15' TO 24" FROM PAVEMENT EDGE
701011-04	OFF-RD MOVING OPERATIONS, 2L, 2W, DAY ONLY
701201-05	LANE CLOSURE, 2L, 2W, DAY ONLY, FOR SPEEDS ≥ 45 MPH
701301-04	LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
701306-04	LANE CLOSURE, 2L, 2W, SLOW MOVING OPERATIONS DAY ONLY, FOR SPEEDS ≥ 45 MPH
701311-03	LANE CLOSURE, 2L, 2W, MOVING OPERATIONS - DAY ONLY
701321-19	LANE CLOSURE, 2L, 2W, BRIDGE REPAIR WITH BARRIER
701326-04	LANE CLOSURE, 2L, 2W, PAVEMENT WIDENING, FOR SPEEDS ≥ 45 MPH
701901-11	TRAFFIC CONTROL DEVICES
704001-08	TEMPORARY CONCRETE BARRIER
725001-01	OBJECT AND TERMINAL MARKERS
780001-05	TYPICAL PAVEMENT MARKINGS
781001-04	TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS
782006-01	GUARDRAIL AND BARRIER WALL REFLECTOR MOUNTING DETAILS

HMA MIXTURE REQUIREMENT TABLE							
LOCATIONS:	ENTIRE PROJECT	ENTIRE PROJECT	ENTIRE PROJECT	ENTIRE PROJECT	ENTIRE PROJECT	TEMPORARY PAVEMENT	TEMPORARY PAVEMENT
MIXTURE USE(S):	HMA	HMA	HMA	HMA SHOULDER 6"	HMA SHOULDER 6"	HMA	HMA
	BINDER	SURFACE	BASE COURSE	BOTTOM LIFT(S)	TOP LIFT	BINDER	SURFACE
BINDER GRADE (PG):	PG 64-22	PG 64-22	PG 64-22	PG 64-22	PG 64-22	PG 64-22	PG 64-22
DESIGN AIR VOIDS:	4.0% @ N50	4.0% @ N50	4.0% @ N50	4.0% @ N50	4.0% @ N50	4.0% @ N50	4.0% @ N50
MIXTURE COMPOSITION:	IL 19.0	IL 9.5	IL 19.0	IL 19.0	IL 9.5	IL 19.0	IL 9.5
(MIXTURE GRADATION)							
FRICTION AGGREGATE:	N/A	MIXTURE C	N/A	N/A	N/A	N/A	MIXTURE C
MIXTURE WEIGHT:	112.0 LB/SY/IN	112.0 LB/SY/IN	112.0 LB/SY/IN	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	QCQA	QCQA	QCQA
SUBLOT SIZE:	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DENSITY TEST METHOD:	CORES/NUCLEAR	CORES/NUCLEAR	CORES/NUCLEAR	CORES/NUCLEAR	CORES/NUCLEAR	SATISFACTION OF ENGINEER	SATISFACTION OF ENGINEER
MATERIAL TRANSFER DEVICE (REQUIRED):	NO	NO	NO	NO	NO	NO	NO

BLOOM COMPANIES, LLC
Infrastructure Innovation and Ingenuity
150 N. Wacker Drive, Suite 1200 ★ Chicago, IL 60606
Phone: (312) 879-0500 Fax: (312) 879-0600

USER NAME = ssaste	DESIGNED - CM	REVISED - _____	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	GENERAL NOTES, HIGHWAY STANDARDS AND HMA MIX TABLE	
	DRAWN - CM	REVISED - _____			
PLOT SCALE = 0.16666633 ' / in.	CHECKED - TB	REVISED - _____			
PLOT DATE = 7/30/2026	DATE - 07/31/2026	REVISED - _____		SCALE: NO SCALE | SHEET 1 OF 1 SHEETS | STA. | TO STA.	

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
673	(111BR) BR	LIVINGSTON	44	2
		CONTRACT NO. 66M78		
	ILLINOIS	FED. AID PROJECT		

MODEL: D386M78-sht-gennote [Sheet]
FILE NAME: X:\BM8-1004 D3 Various Phase III Chamlin\BM8-1004A_WO7 66M78 IL 116 over Short Point Creek\7_Drawings\03 Sheets\D386M78-sht-gennote.dgn

				CONSTRUCTION CODE	
				80% FED 20% STATE	80% FED 20% STATE
				ROADWAY	BOX CULVERT
CODE NO.	ITEM	UNIT	TOTAL QUANTITY	0004 RURAL	0004 053-2043
20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	116	116	
20100210	TREE REMOVAL (OVER 15 UNITS DIAMETER)	UNIT	32	32	
20200100	EARTH EXCAVATION	CU YD	225	225	
20400800	FURNISHED EXCAVATION	CU YD	85	85	
20700220	POROUS GRANULAR EMBANKMENT	CU YD	240	240	
25000210	SEEDING, CLASS 2A	ACRE	0.5	0.5	
25000400	NITROGEN FERTILIZER NUTRIENT	POUND	46	46	
25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	46	46	
25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	46	46	
25100630	EROSION CONTROL BLANKET	SQ YD	2417	2417	
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	52	52	
28000305	TEMPORARY DITCH CHECKS	FOOT	90	90	
28000400	PERIMETER EROSION BARRIER	FOOT	1144	1144	
28001100	TEMPORARY EROSION CONTROL BLANKET	SQ YD	2417	2417	

*SPECIALTY ITEM

MODEL: D366M78-sht-SOQ-01 [Sheet]
FILE NAME: X:\BM8-1004 D3 Various Phase II\ Chamlin\BM8-1004A_WO7 66M78 IL 116 over Short Point Creek\7_Drawings\03 Sheets\D366M78-sht-SOQ.dgn

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Infrastructure Dreamers and Doers
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Phone: (312) 876-9500 Fax: (312) 876-9600

USER NAME = cmercado	DESIGNED - CM	REVISED -	
	DRAWN - CM	REVISED -	
PLOT SCALE = 0.16666633 ' / in.	CHECKED - TB	REVISED -	
PLOT DATE = 7/31/2026	DATE - 07/31/2026	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: NO SCALE | SHEET 1 OF 6 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
673	(111BR) BR	LIVINGSTON	44	3
		CONTRACT NO. 66M78		
	ILLINOIS	FED. AID PROJECT		

REV. 8/31/26 REV. 8/21/26

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE 80% FED 20% STATE ROADWAY 0004 RURAL	CONSTRUCTION CODE 80% FED 20% STATE BOX CULVERT 0004 053-2043
28100107	STONE RIPRAP, CLASS A4	SQ YD	70		70
28200200	FILTER FABRIC	SQ YD	70		70
31101200	SUBBASE GRANULAR MATERIAL, TYPE B 4"	SQ YD	492	492	
31101810	SUBBASE GRANULAR MATERIAL, TYPE B 12"	SQ YD	159	159	
35501316	HOT-MIX ASPHALT BASE COURSE, 8"	SQ YD	147	147	
40600275	BITUMINOUS MATERIALS (PRIME COAT)	POUND	330	330	
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	1189	1189	
40600370	LONGITUDINAL JOINT SEALANT	FOOT	550	550	
40603080	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50	TON	186	186	
40604050	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "C", N50	TON	125	125	
44000100	PAVEMENT REMOVAL	SQ YD	98	98	
44000164	HOT-MIX ASPHALT SURFACE REMOVAL, 3 3/4"	SQ YD	1320	1320	
44004250	PAVED SHOULDER REMOVAL	SQ YD	480	480	
48102100	AGGREGATE WEDGE SHOULDER, TYPE B	TON	41	41	

*SPECIALTY ITEM

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USER NAME = cmercado	DESIGNED - CM	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES
	DRAWN - CM	REVISED -		
PLOT SCALE = 0.16666633 ' / in.	CHECKED - TB	REVISED -		
PLOT DATE = 7/30/2026	DATE - 07/31/2026	REVISED -		SCALE: NO SCALE | SHEET 2 OF 6 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
673	(111BR) BR	LIVINGSTON	44	4
		CONTRACT NO. 66M78		
	ILLINOIS | FED. AID PROJECT			

REV. 8/21/26

MODEL: D366M78-SHT-SOQ2 [Sheet]
FILE NAME: X:\BMB-1004 D3 Various Phase I-III Champ\BMB-1004A_WO7 66M78 IL 116 over Short Point Creek\7_Drawings\03 Sheets\D366M78-sht-SOQ.dgn

	CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE 80% FED 20% STATE ROADWAY 0004 RURAL	CONSTRUCTION CODE 80% FED 20% STATE BOX CULVERT 0004 053-2043
	48203021	HOT-MIX ASPHALT SHOULDERS, 6"	SQ YD	492	492	
	50100100	REMOVAL OF EXISTING STRUCTURES	EACH	1		1
	50200100	STRUCTURE EXCAVATION	CU YD	206		206
	50800205	REINFORCEMENT BARS, EPOXY COATED	POUND	15433		15433
	51500100	NAME PLATES	EACH	1		1
	52200020	TEMPORARY SOIL RETENTION SYSTEM	SQ FT	380		380
	54003000	CONCRETE BOX CULVERTS	CU YD	82		82
	54010909	PRECAST CONCRETE BOX CULVERTS 9' X 9'	FOOT	92		92
*	63000001	STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS	FOOT	500	500	
*	63000030	STRONG POST GUARDRAIL ATTACHED TO CULVERT	FOOT	70		70
*	63100167	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	EACH	4	4	
	63200310	GUARDRAIL REMOVAL	FOOT	579	579	
	64200108	SHOULDER RUMBLE STRIPS, 8 INCH	FOOT	798	798	
	66500105	WOVEN WIRE FENCE, 4'	FOOT	52	52	

*SPECIALTY ITEM

MODEL: D366M78-sht-SOQ3 [Sheet]
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BLOOM COMPANIES, LLC
Infrastructure Innovation and Dignity
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Phone: (312) 878-9500 Fax: (312) 878-9600

USER NAME = cmercado	DESIGNED - CM	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES	
	DRAWN - CM	REVISED -			
PLOT SCALE = 0.16666633 ' / in.	CHECKED - TB	REVISED -			
PLOT DATE = 7/30/2026	DATE - 07/31/2026	REVISED -		SCALE: NO SCALE SHEET 3 OF 6 SHEETS STA. TO STA.	

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
673	(111BR) BR	LIVINGSTON	44	5
		CONTRACT NO. 66M78		
	ILLINOIS FED. AID PROJECT			

REV. 8/31/26 REV. 8/21/26

	CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE 80% FED 20% STATE ROADWAY 0004 RURAL	CONSTRUCTION CODE 80% FED 20% STATE BOX CULVERT 0004 053-2043
*	66900200	NON-SPECIAL WASTE DISPOSAL	CU YD	176	176	
*	66900530	SOIL DISPOSAL ANALYSIS	EACH	1	1	
*	66901001	REGULATED SUBSTANCES PRE-CONSTRUCTION PLAN	L SUM	1	1	
*	66901003	REGULATED SUBSTANCES FINAL CONSTRUCTION REPORT	L SUM	1	1	
*	66901006	REGULATED SUBSTANCES MONITORING	CAL DA	2	2	
	67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	8	8	
	67100100	MOBILIZATION	L SUM	1	1	
	70100405	TRAFFIC CONTROL AND PROTECTION, STANDARD 701321	EACH	1	1	
	70100450	TRAFFIC CONTROL AND PROTECTION, STANDARD 701201	L SUM	1	1	
	70100460	TRAFFIC CONTROL AND PROTECTION, STANDARD 701306	L SUM	1	1	
	70100500	TRAFFIC CONTROL AND PROTECTION, STANDARD 701326	L SUM	1	1	
	70106500	TEMPORARY BRIDGE TRAFFIC SIGNALS	EACH	1	1	
	70307120	TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV TAPE	FOOT	1885	1885	
	70307210	TEMPORARY PAVEMENT MARKING - LINE 24"- TYPE IV TAPE	FOOT	24	24	

*SPECIALTY ITEM

MODEL: D366M78-sht-SOQ4 [Sheet]
FILE NAME: X:\BMB-1004 D3 Various Phase I-III Chamlin\BMB-1004A_WO7 66M78 IL 116 over Short Point Creek\7_Drawings\03 Sheets\D366M78-sht-SOQ.dgn

BLOOM COMPANIES, LLC
Infrastructure Innovation and Dignity
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PLOT DATE = 7/30/2026	DATE - 07/31/2026	REVISED -		SCALE: NO SCALE | SHEET 4 OF 6 SHEETS | STA. | TO STA.	

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
673	(111BR) BR	LIVINGSTON	44	6
		CONTRACT NO. 66M78		
	ILLINOIS | FED. AID PROJECT			

REV. 8/31/26REV. 8/21/26

				CONSTRUCTION CODE	
				80% FED 20% STATE	80% FED 20% STATE
				ROADWAY	BOX CULVERT
CODE NO.	ITEM	UNIT	TOTAL QUANTITY	0004 RURAL	0004 053-2043
70400100	TEMPORARY CONCRETE BARRIER	FOOT	375	375	
70400125	PINNING TEMPORARY CONCRETE BARRIER	EACH	44	44	
70400200	RELOCATE TEMPORARY CONCRETE BARRIER	FOOT	375	375	
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	4	4	
* 78009004	MODIFIED URETHANE PAVEMENT MARKING - LINE 4"	FOOT	2200	2200	
* 78009006	MODIFIED URETHANE PAVEMENT MARKING - LINE 6"	FOOT	275	275	
* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	7	7	
* 78200005	GUARDRAIL REFLECTORS, TYPE A	EACH	16	16	
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	7	7	
X0327902	MAILBOX REMOVE AND REPLACE	EACH	1	1	
X4062952	HOT-MIX ASPHALT STABILIZATION 6" AT STEEL PLATE BEAM GUARD RAIL	SQ YD	352	352	
X5810103	MEMBRANE WATERPROOFING SYSTEM FOR BURIED STRUCTURES	SQ YD	134		134

*SPECIALTY ITEM

MODEL: D366M78-sht-SOQ5 [Sheet]
FILE NAME: X:\BMB-1004 D3 Various Phase I-II Chamlin\BMB-1004A_WO7 66M78 IL 116 over Short Point Creek\7_Drawings\03 Sheets\D366M78-sht-SOQ.dgn

BLOOM COMPANIES, LLC
Infrastructure Innovation and Dignity
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Phone: (312) 878-9500 Fax: (312) 878-9600

USER NAME = cmercado	DESIGNED - CM	REVISED -	**STATE OF ILLINOIS**	**SUMMARY OF QUANTITIES**	
	DRAWN - CM	REVISED -	**DEPARTMENT OF TRANSPORTATION**		
PLOT SCALE = 0.16666633 ' / in.	CHECKED - TB	REVISED -			
PLOT DATE = 7/30/2026	DATE - 07/31/2026	REVISED -		SCALE: NO SCALE | SHEET 5 OF 5 SHEETS | STA. | TO STA.	

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
673	(111BR) BR	LIVINGSTON	44	7
		CONTRACT NO. 66M78		
	ILLINOIS | FED. AID PROJECT			

REV. 8/31/26 REV. 8/21/26

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE 80% FED 20% STATE ROADWAY 0004 RURAL	CONSTRUCTION CODE 80% FED 20% STATE BOX CULVERT 0004 053-2043
X6350204	LINEAR DELINEATOR PANELS, 4 INCH	EACH	8	8	
X6350206	LINEAR DELINEATOR PANELS, 6 INCH	EACH	5	5	
X6640104	FENCE REMOVAL	FOOT	45	45	
X7010216	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	L SUM	1	1	
X7200061	TEMPORARY INFORMATION SIGNING	SQ FT	42	42	
Z0013798	CONSTRUCTION LAYOUT	L SUM	1	1	
Z0062456	TEMPORARY PAVEMENT	SQ YD	245	245	

*SPECIALTY ITEM

MODEL: Untitled [Sheet]
FILE NAME: X:\BM8-1004 D3 Various Phase I-II Chamlin\BM8-1004A_WO7 66M78 IL 116 over Short Point Creek\7_Drawings\03 Sheets\D366M78-sht-SOQ.dgn

BLOOM COMPANIES, LLC
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Phone: (312) 878-9500 Fax: (312) 878-9600

USER NAME = cmercado	DESIGNED - CM	REVISED -	
	DRAWN - CM	REVISED -	
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PLOT DATE = 7/30/2026	DATE - 07/31/2026	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: NO SCALE | SHEET 6 OF 6 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
673	(111BR) BR	LIVINGSTON	44	8
		CONTRACT NO. 66M78		
	ILLINOIS	FED. AID PROJECT		

REV. 8/31/26 REV. 8/21/26

REMOVALS

LOCATION		TREE REMOVAL (6 TO 15 UNITS DIAMETER)	TREE REMOVAL (OVER 15 UNITS DIAMETER)	PAVEMENT REMOVAL	HOT-MIX ASPHALT SURFACE REMOVAL, 3 3/4"	PAVED SHOULDER REMOVAL	MAILBOX REMOVE AND REPLACE	FENCE REMOVAL
FROM	TO	UNIT	UNIT	SQ YD	SQ YD	SQ YD	EACH	FOOT
786+50.00	788+63.00	33	32	-	568	187	1	13
788+63.00	789+18.00	61	-	98	-	33	-	32
789+18.00	792+00.00	22	-	-	752	260	-	-
TOTAL		116	32	98	1320	480	1	45

EARTHWORK

LOCATION		EARTH EXCAVATION		FILL	EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-)
		EARTH EX	ADJUSTMENT FOR SHRINKAGE		
FROM	TO	CU YD	CU YD	CU YD	CU YD
786+50.00	787+00.00	45.6	34.2	5.1	29.1
787+00.00	787+40.00	33.4	25.1	6.3	18.8
787+40.00	787+50.00	8.7	6.6	2.3	4.3
787+50.00	788+00.00	39.1	29.3	14.4	14.9
788+00.00	788+50.00	25	18.8	12.5	6.3
789+50.00	790+00.00	13.8	10.4	57.9	-47.5
790+00.00	790+50.00	13.5	10.1	50.4	-40.3
790+50.00	791+00.00	13.5	10.1	40.5	-30.4
791+00.00	791+50.00	14.4	10.8	32.8	-22
791+50.00	792+00.00	13.8	10.3	26.1	-15.8
TOTAL		225	170	250	85

(1) QUANTITY OF EARTH EXCAVATION IS ADJUSTED FOR A SHRINKAGE FACTOR OF 25%
(2) TOTAL QUANTITIES ROUNDED TO NEAREST MULTIPLE OF 5

EROSION & SEDIMENT CONTROL

LOCATION		EROSION CONTROL BLANKET	TEMPORARY EROSION CONTROL SEEDING	TEMPORARY DITCH CHECKS	PERIMETER EROSION BARRIER	TEMPORARY EROSION CONTROL BLANKET
FROM	TO	SQ YD	POUND	FOOT	FOOT	SQ YD
786+50.00	787+29.27	160	4		98	160
787+43.42	792+00.00	945	20		461	945
786+50.00	792+00.00	1312	28		585	1312
787+50.00	791+50.00			90		
TOTAL		2417	52	90	1144	2417

LANDSCAPING

LOCATION		NITROGEN FERTILIZER NUTRIENT	PHOSPHORUS FERTILIZER NUTRIENT	POTASSIUM FERTILIZER NUTRIENT	SEEDING, CLASS 2A	STONE RIPRAP, CLASS A4	FILTER FABRIC
FROM	TO	POUND	POUND	POUND	ACRE	SQ YD	SQ YD
786+50.00	787+29.27	3	3	3	0.03		
787+43.42	792+00.00	18	18	18	0.20		
786+50.00	792+00.00	25	25	25	0.27	70	70
TOTAL		46	46	46	0.50	70	70

MODEL: D366M78-sht-schedule-01 [Sheet]
FILE NAME: X:\BM8-1004 D3 Various Phase I-II Chamlin\BM8-1004A_WO7 66M78 IL 116 over Short Point Creek\7_Drawings\03 Sheets\D366M78-sht-schedule-01.dgn

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Infrastructure Innovation and Ingenuity
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Phone: (312) 876-9050 Fax: (312) 876-9600

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PLOT DATE = 7/31/2026	DATE - 07/31/2026	REVISED - _____	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES

SCALE: NO SCALE | SHEET 1 OF 2 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
673	(111BR) BR	LIVINGSTON	44	9
		CONTRACT NO. 66M78		
	ILLINOIS	FED. AID PROJECT		

PAVEMENT AND SHOULDERS

LOCATION		SUBBASE GRANULAR MATERIAL, TYPE B 4"	SUBBASE GRANULAR MATERIAL, TYPE B 12"	HOT-MIX ASPHALT BASE COURSE, 8"	BITUMINOUS MATERIALS (PRIME COAT)	BITUMINOUS MATERIALS (TACK COAT)	LONGITUDINAL JOINT SEALANT	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "C", N50	AGGREGATE WEDGE SHOULDER, TYPE B	HOT-MIX ASPHALT SHOULDERS, 6"	HOT-MIX ASPHALT STABILIZATION 6" AT STEEL PLATE BEAM GUARD RAIL	TEMPORARY PAVEMENT
FROM	TO	SQ YD	SQ YD	SQ YD	POUND	POUND	FOOT	TON	TON	TON	SQ YD	SQ YD	SQ YD
786+50.00	788+63.00	95	-	-	-	512	213	72	48	6	386	144	95
788+63.00	789+18.00	291	159	147	330		55	19	13	11	35	49	25
789+18.00	792+00.00	106	-	-	-	677	282	95	64	24	71	159	125
TOTAL		492	159	147	330	1189	550	186	125	41	492	352	245

ROADSIDE SAFETY

LOCATION			STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS	STRONG POST GUARDRAIL ATTACHED TO CULVERT	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	GUARDRAIL REMOVAL	TERMINAL MARKER - DIRECT APPLIED	GUARDRAIL REFLECTORS, TYPE A	LINEAR DELINEATOR PANELS, 4 INCH	LINEAR DELINEATOR PANELS, 6 INCH	SHOULDER RUMBLE STRIPS, 8 INCH
FROM	TO	OFFSET	FOOT	FOOT	EACH	FOOT	EACH	EACH	EACH	EACH	EACH
787+60.00	791+32.50	LT	237.5	35.0	2	288	2	4	4	3	
786+50.00	790+47.50	RT		35.0	2	291	2	4	4	2	
786+50.00	792+00.00	LT									370
786+50.00	792+00.00	RT	262.5								428
TOTAL			500.0	70.0	4	579	4	8	8	5	798

PAVEMENT MARKINGS

LOCATION		MODIFIED URETHANE PAVEMENT MARKING - LINE 4"	MODIFIED URETHANE PAVEMENT MARKING - LINE 6"	TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV TAPE	TEMPORARY PAVEMENT MARKING - LINE 24" - TYPE IV TAPE	RAISED REFLECTIVE PAVEMENT MARKER	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL
FROM	TO	FOOT	FOOT	FOOT	FOOT	EACH	EACH
786+50.00	792+00.00	2200	275			7	7
785+82.70	792+19.80			1885			
785+19.40	792+86.50				24		
TOTAL		2200	275	1885	24	7	7

WORK ZONE TRAFFIC CONTROL

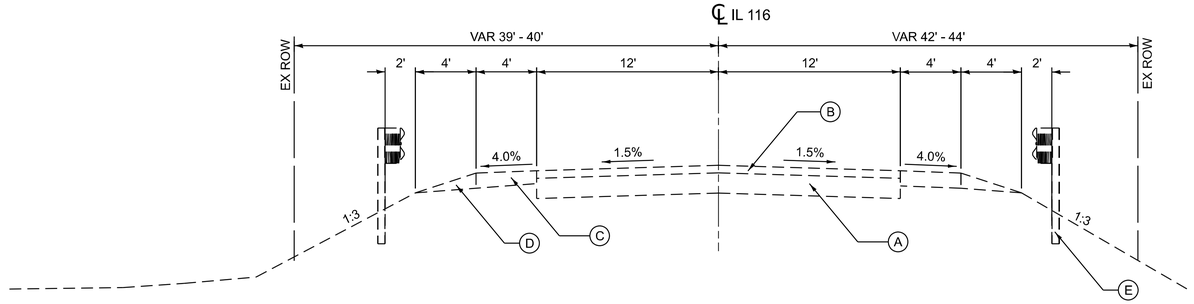
LOCATION		TEMPORARY CONCRETE BARRIER	RELOCATE TEMPORARY CONCRETE BARRIER	PINNING TEMPORARY CONCRETE BARRIER	IMPACT ATTENUATORS, TEMPORARY (NON-REDIRECTIVE), TEST LEVEL 3	IMPACT ATTENUATORS, RELOCATE (NON-REDIRECTIVE), TEST LEVEL 3	TEMPORARY INFORMATION SIGNING	TEMPORARY BRIDGE TRAFFFIC SIGNALS
FROM	TO	FOOT	FOOT	EACH	EACH	EACH	SQ FT	EACH
787+09.60	790+83.80	375	375	44	2	2	42	1
TOTAL		375	375	44	2	2	42	1

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	DRAWN - CM	REVISED - _____		
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PLOT DATE = 7/31/2026	DATE - 07/31/2026	REVISED - _____		

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
673	(111BR) BR	LIVINGSTON	44	10
		CONTRACT NO. 66M78		
	ILLINOIS	FED. AID PROJECT		

MODEL: D366M78-sht-schedule-02 [Sheet]
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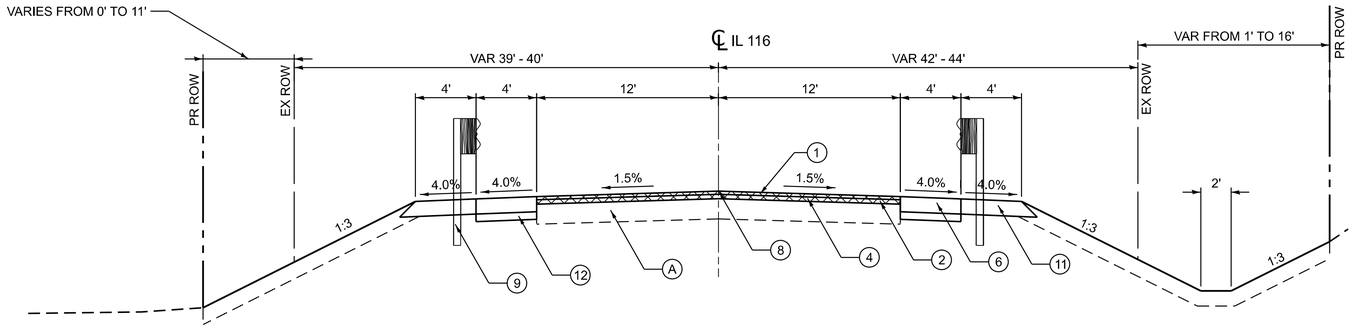


EXISTING TYPICAL SECTION

STA 786+50.00 TO STA 788+63.00
STA 789+18.00 TO STA 792+00.00

EXISTING LEGEND

- (A) PCC PAVEMENT
- (B) VARYING HMA OVERLAY
- (C) HMA SHOULDER
- (D) AGGREGATE SHOULDER
- (E) GUARDRAIL



PROPOSED TYPICAL SECTION

STA 786+50.00 TO STA 788+63.00
STA 789+18.00 TO STA 792+00.00

PROPOSED LEGEND

1. 1 1/2" HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "C", N50
2. 2 1/4" HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50
3. HOT-MIX ASPHALT BASE COURSE, 8"
4. HOT-MIX ASPHALT SURFACE REMOVAL, 3 3/4"
5. SUBBASE GRANULAR MATERIAL, TYPE B 12"
6. HOT-MIX ASPHALT SHOULDERS, 6"
7. EMBANKMENT
8. LONGITUDINAL JOINT SEALANT
9. STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS
10. STRONG POST GUARDRAIL ATTACHED TO CULVERT
11. HOT-MIX ASPHALT STABILIZATION 6" AT STEEL PLATE BEAM GUARD RAIL
12. SUBBASE GRANULAR MATERIAL, TYPE B 4"

MODEL: D366M78-sht-typical-01 [Sheet]
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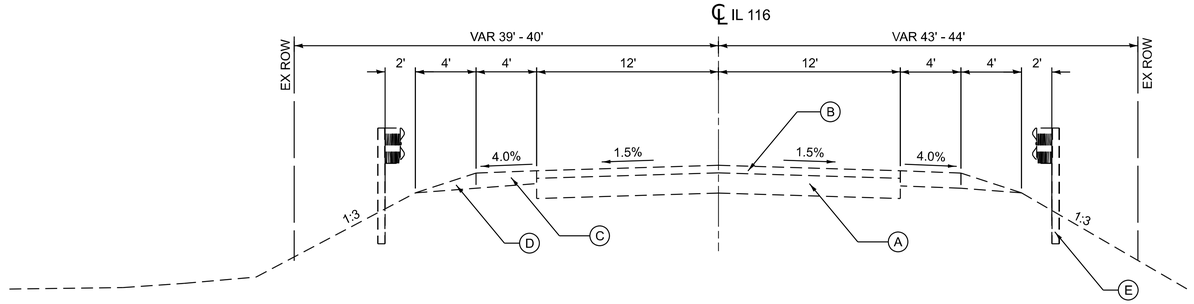
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS

SCALE: NO SCALE | SHEET 1 OF 3 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
673	(111BR) BR	LIVINGSTON	44	11
		CONTRACT NO. 66M78		
	ILLINOIS	FED. AID PROJECT		

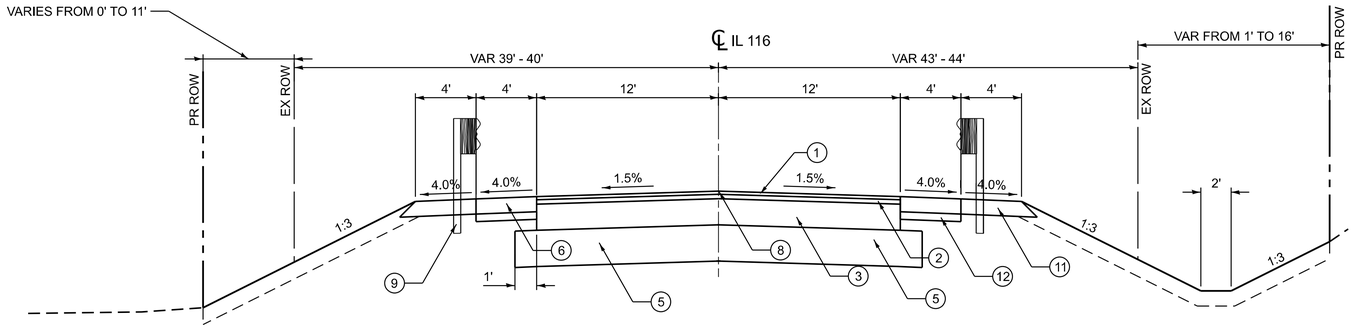


EXISTING LEGEND

- (A) PCC PAVEMENT
- (B) VARYING HMA OVERLAY
- (C) HMA SHOULDER
- (D) AGGREGATE SHOULDER
- (E) GUARDRAIL

EXISTING TYPICAL SECTION

STA 786+50.00 TO STA 788+63.00
STA 789+18.00 TO STA 792+00.00



PROPOSED LEGEND

1. 1 1/2" HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "C", N50
2. 2 1/4" HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50
3. HOT-MIX ASPHALT BASE COURSE, 8"
4. HOT-MIX ASPHALT SURFACE REMOVAL, 3 3/4"
5. SUBBASE GRANULAR MATERIAL, TYPE B 12"
6. HOT-MIX ASPHALT SHOULDERS, 6"
7. EMBANKMENT
8. LONGITUDINAL JOINT SEALANT
9. STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS
10. STRONG POST GUARDRAIL ATTACHED TO CULVERT
11. HOT-MIX ASPHALT STABILIZATION 6" AT STEEL PLATE BEAM GUARD RAIL
12. SUBBASE GRANULAR MATERIAL, TYPE B 4"

PROPOSED TYPICAL SECTION

STA 788+63.00 TO STA 788+82.00
STA 789+00.00 TO STA 789+18.00

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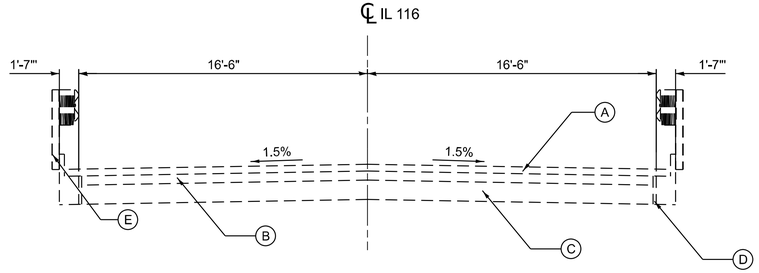
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS

SCALE: NO SCALE | SHEET 2 OF 3 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
673	(111BR) BR	LIVINGSTON	44	12
		CONTRACT NO. 66M78		
		ILLINOIS	FED. AID PROJECT	

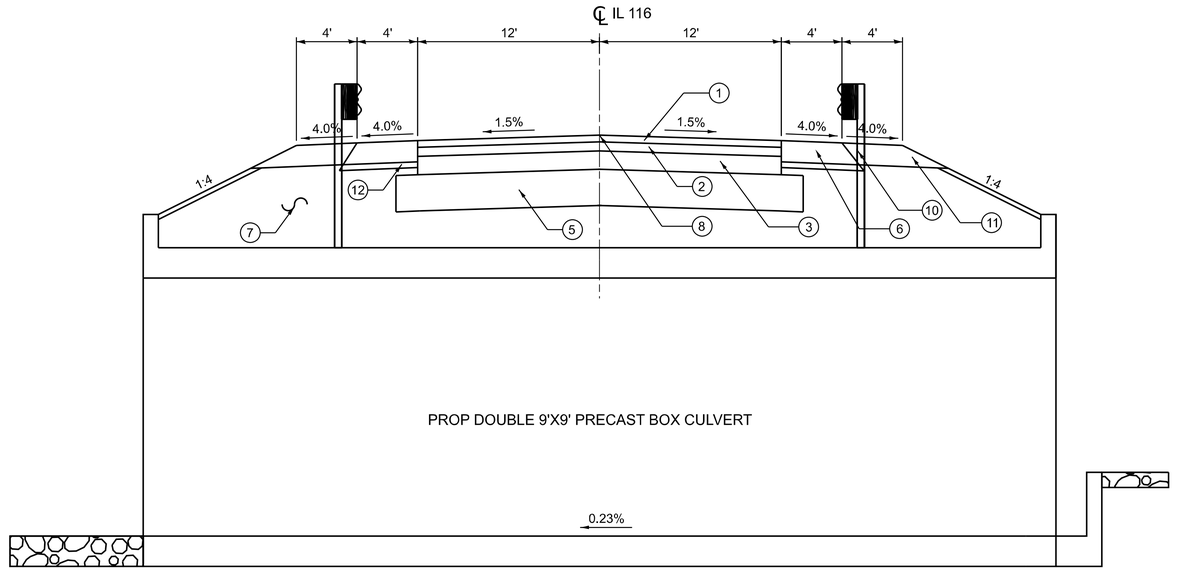


EXISTING STRUCTURE TYPICAL SECTION

STA 788+63.00 TO STA 789+18.00

EXISTING LEGEND

- (A) 4 1/2" HMA
- (B) 6" PCC PAVEMENT
- (C) 12" SLAB
- (D) 4"X12" DRAIN
- (E) GUARDRAIL



PROPOSED STRUCTURE TYPICAL SECTION

STA 788+82.00 TO STA 789+00.00

PROPOSED LEGEND

1. 1 1/2" HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "C", N50
2. 2 1/4" HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50
3. HOT-MIX ASPHALT BASE COURSE, 8"
4. HOT-MIX ASPHALT SURFACE REMOVAL, 3 3/4"
5. SUBBASE GRANULAR MATERIAL, TYPE B 12"
6. HOT-MIX ASPHALT SHOULDERS, 6"
7. EMBANKMENT
8. LONGITUDINAL JOINT SEALANT
9. STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS
10. STRONG POST GUARDRAIL ATTACHED TO CULVERT
11. HOT-MIX ASPHALT STABILIZATION 6" AT STEEL PLATE BEAM GUARD RAIL
12. SUBBASE GRANULAR MATERIAL, TYPE B 4"

MODEL: D366M78-sht-typical03 [Sheet]
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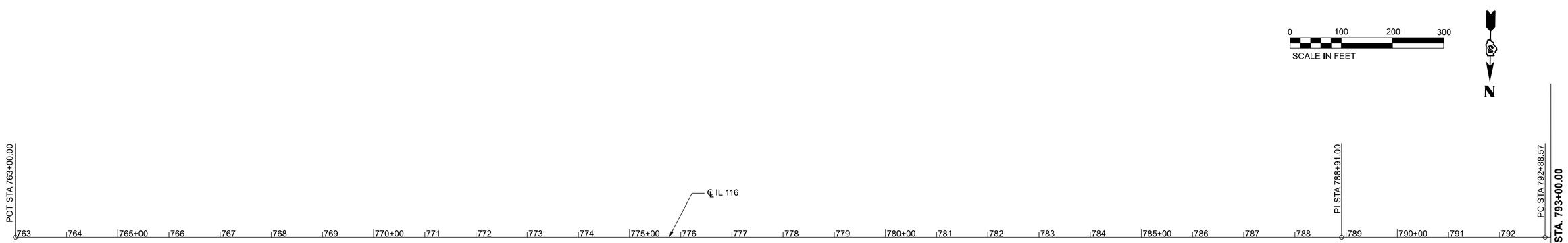
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TYPICAL SECTIONS

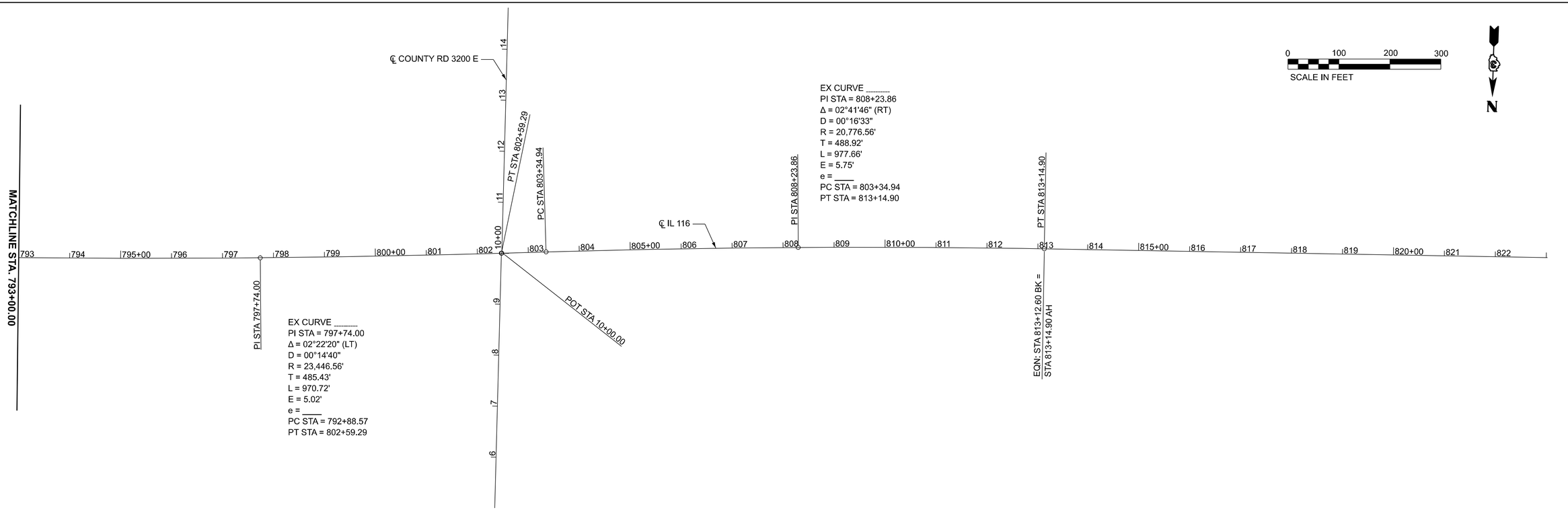
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
673	(111BR) BR	LIVINGSTON	44	13
		CONTRACT NO. 66M78		
		ILLINOIS FED. AID PROJECT		



ALIGNMENT COORDINATES - IL ROUTE 116			
STATION	NORTHING	EASTING	REMARKS
763+00.00	822864.528	1531361.712	POT IL RTE 116
788+91.00	820273.881	1531318.916	PI IL RTE 116
792+88.57	819876.365	1531312.349	PC IL RTE 116
794+74.00	819391.189	1531299.310	PI IL RTE 116
10+00.00	818917.620	1531276.880	POT 000E
802+59.29	818906.386	1531276.231	PT IL RTE 116
803+34.94	818830.862	1531271.852	PC IL RTE 116
808+23.86	818342.564	1531249.299	PI IL RTE 116
813+14.90	817853.871	1531238.239	PT IL RTE 116

BM #1 CUT "□" TOP NW WINGWALL
ELEV. 717.152



MODEL: D366M78-sht-ATB-01 [Sheet]
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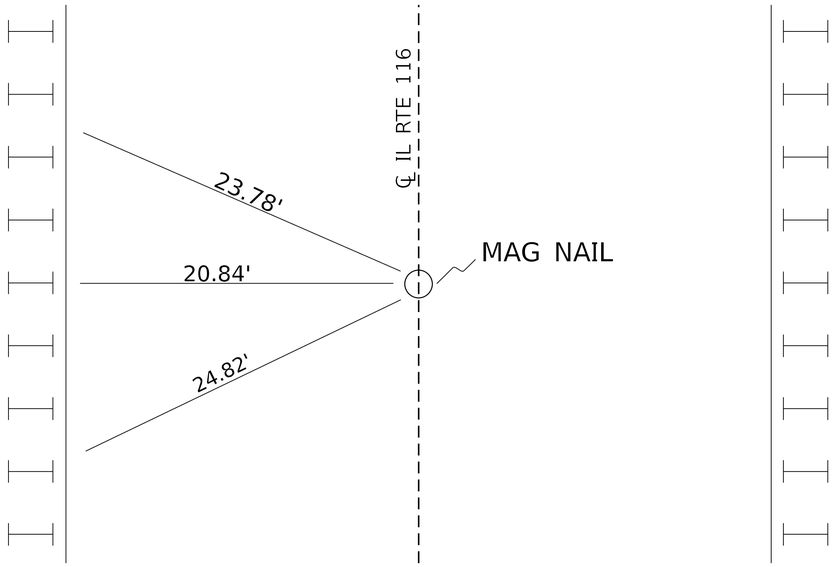
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DEPARTMENT OF TRANSPORTATION

ALIGNMENT, TIES, AND BENCHMARKS

SCALE: 1"=100' | SHEET 1 OF 2 SHEETS | STA. 763+00.00 | TO STA. 823+02.30

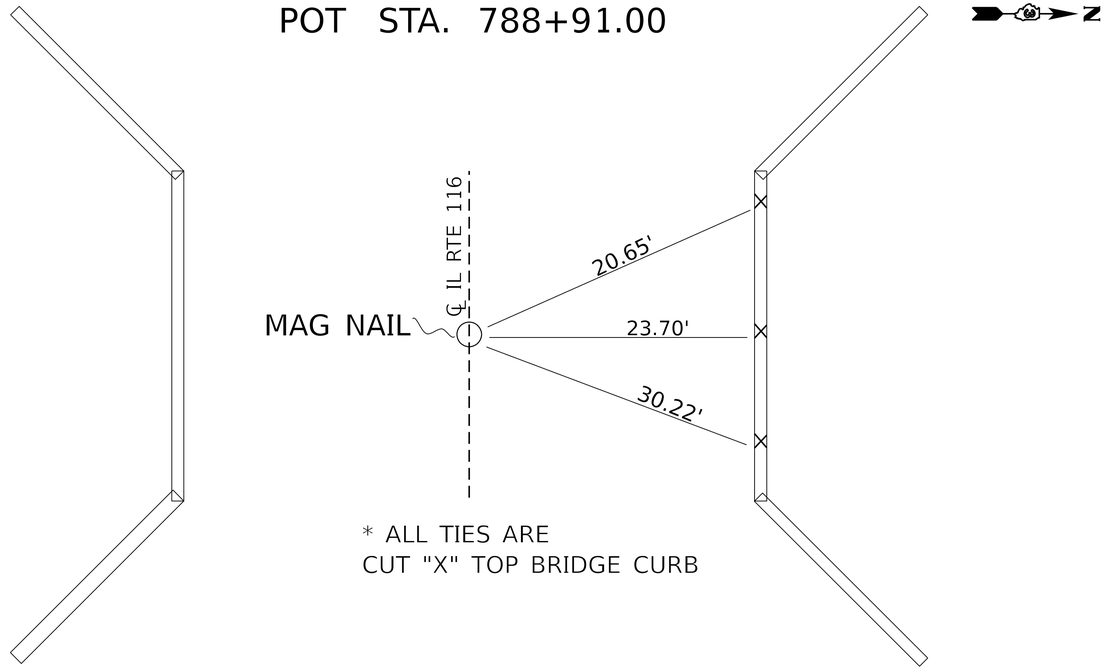
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673	(111BR) BR	LIVINGSTON	44	14
		CONTRACT NO. 66M78		
	ILLINOIS	FED. AID PROJECT		

POT STA. 781+00



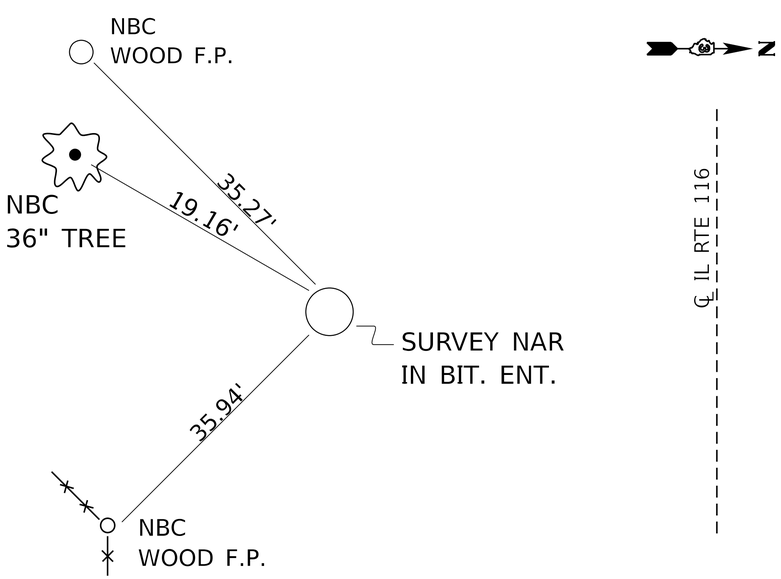
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POT STA. 788+91.00

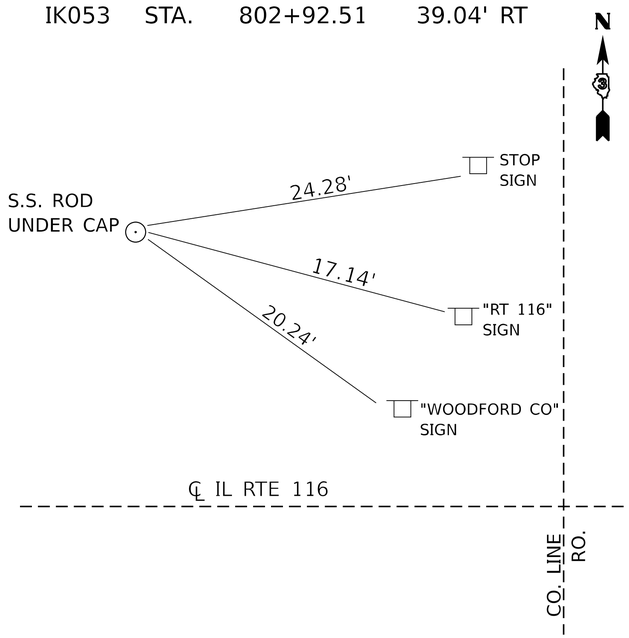


* ALL TIES ARE
CUT "X" TOP BRIDGE CURB

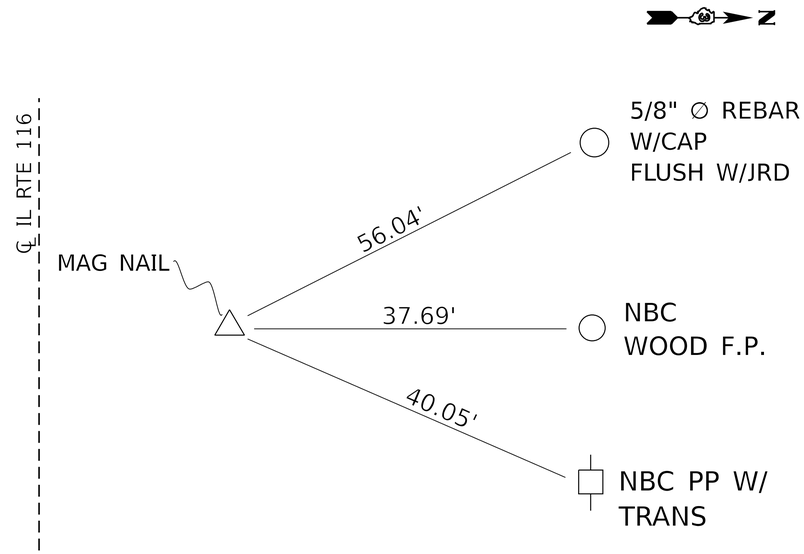
CP1 STA. 781+37.05 20.15' LT



IK053 STA. 802+92.51 39.04' RT



PI STA. 797+74.00



MODEL: D366M78-sht-ATB-02 [Sheet]
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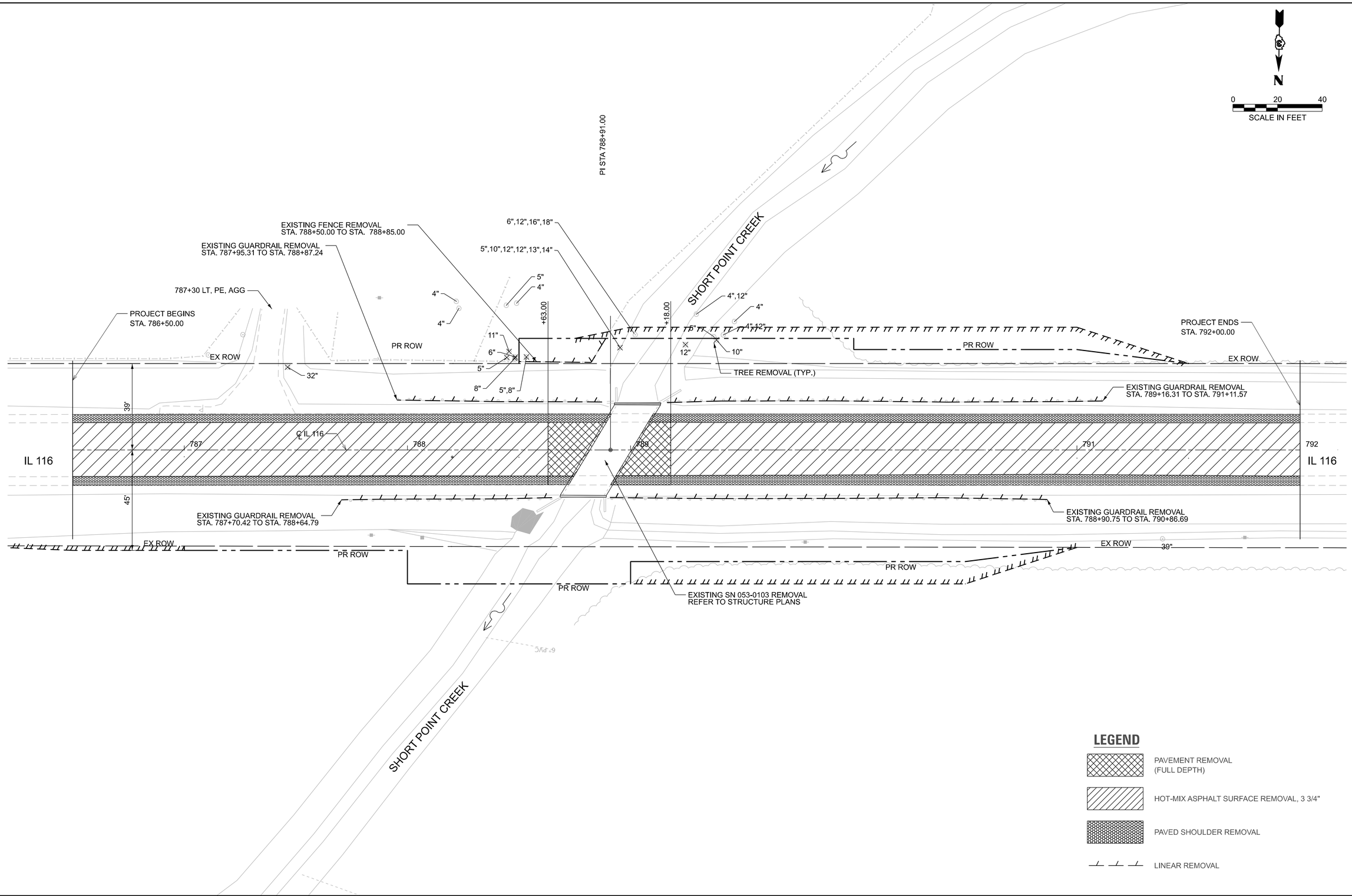
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PLOT SCALE = 0.16666633 ' / in.	CHECKED - TB	REVISED - _____	
PLOT DATE = 7/31/2026	DATE - 07/31/2026	REVISED - _____	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ALIGNMENT, TIES, AND BENCHMARKS

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
673	(111BR) BR	LIVINGSTON	44	15
		CONTRACT NO. 66M78		
	ILLINOIS	FED. AID PROJECT		



MODEL: EXCL_IL116 - REMOVAL PLAN [Sheet]
FILE NAME: X:\BM8-1004 D3 Various Phase I-II Chamlin\BM8-1004A_WO7 66M78 IL 116 over Short Point Creek\7_Drawings\03 Sheets\D366M78-sht-removal.dgn

BLOOM COMPANIES, LLC
Infrastructure Innovation and Ingenuity
150 N. Wacker Drive, Suite 1200 • Chicago, IL 60606
Phone: (312) 876-9500 Fax: (312) 876-9600

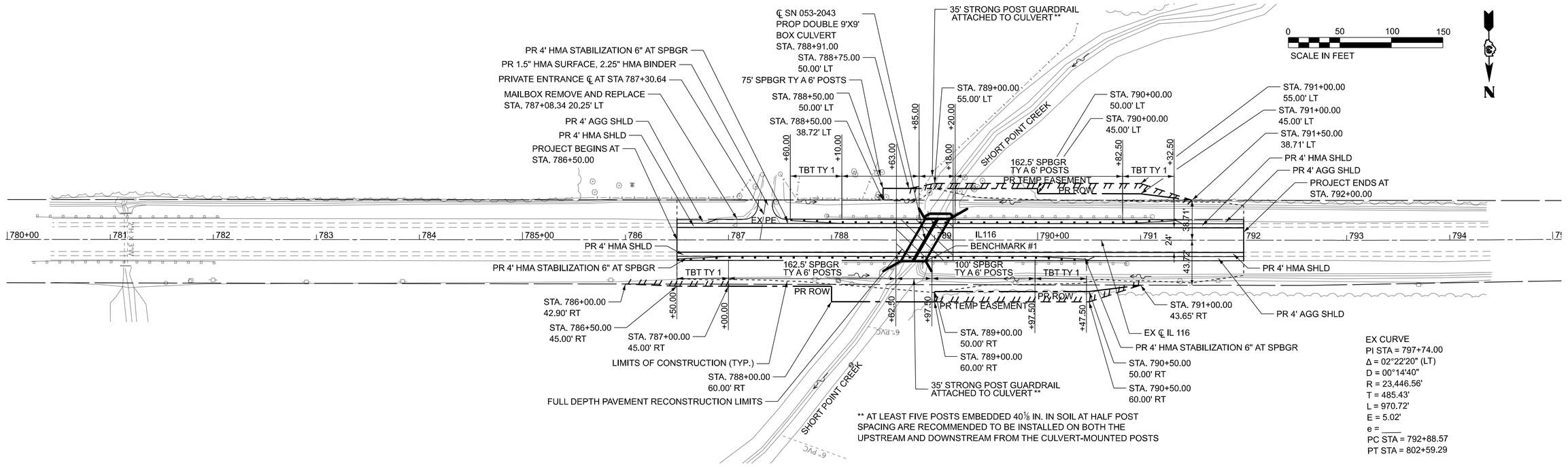
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	DRAWN - CM	REVISED -	
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PLOT DATE = 7/30/2026	DATE - 07/31/2026	REVISED -	

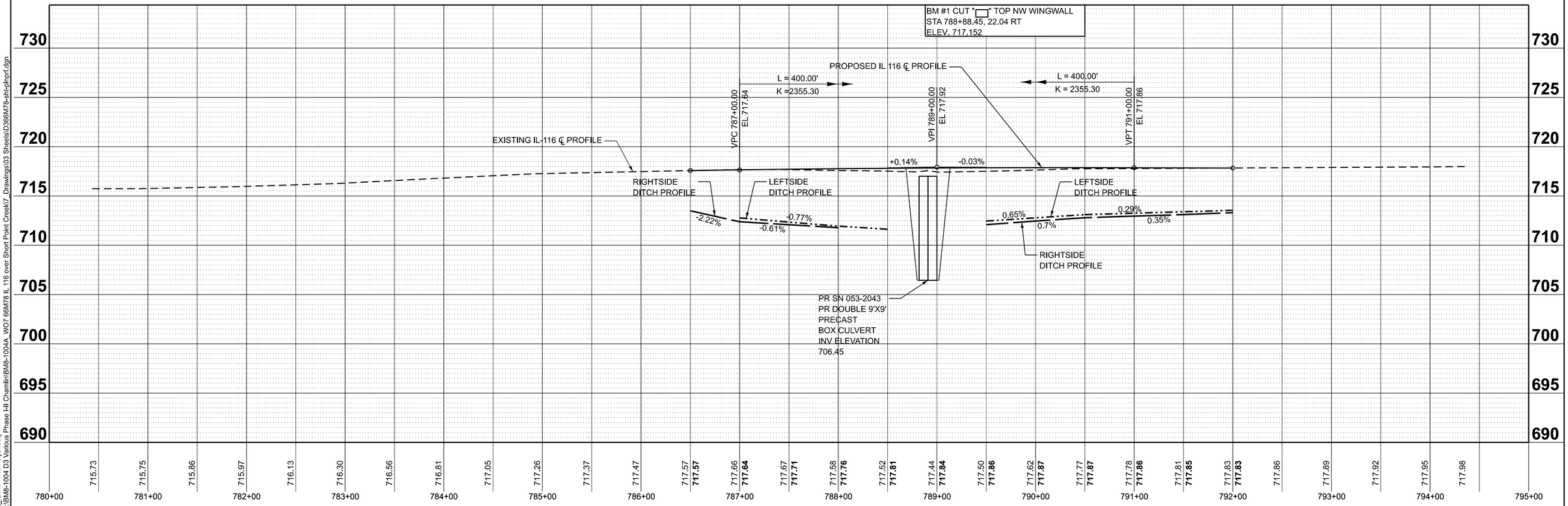
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL 116
REMOVAL PLAN

SCALE: 1"=20' | SHEET 1 OF 1 SHEETS | STA. 786+50.00 TO STA. 792+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
673	(111BR) BR	LIVINGSTON	44	16
		CONTRACT NO. 66M78		
		ILLINOIS FED. AID PROJECT		





MODEL: EXCL_IL116 - Plan 3 [Sheet]
FILE NAME: X:\BM8-1004 D3 Various Phase I\I Chamlin\BM8-1004A_WO7 66M78 IL 116 over Short Point Creek\7_Drawings\03 Sheets\D366M78-sht-plnprf.dgn

BLOOM COMPANIES, LLC
Infrastructure Demolition and Engineering
150 N. Wacker Drive, Suite 1200 • Chicago, IL 60606
Phone: (312) 876-0500 Fax: (312) 876-9600

USER NAME = cmercado	DESIGNED - CM	REVISED -			
	DRAWN - CM	REVISED -			
PLOT SCALE = 0.16666633 ' / in.	CHECKED - TB	REVISED -			
PLOT DATE = 7/31/2026	DATE - 07/31/2026	REVISED -			

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL 116
PLAN AND PROFILE

SCALE: 1"=50' | SHEET 1 OF 1 SHEETS | STA. 780+00.00 | TO STA. 795+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
673	(111BR) BR	LIVINGSTON	44	17
		CONTRACT NO. 66M78		
	ILLINOIS	FED. AID PROJECT		

0 50 100 150
SCALE IN FEET

N

STA 786+50.00
PROJECT BEGINS

PI STA 788+91.00

EX ℄ IL 116

STA 792+00.00
PROJECT ENDS

PC STA 792+88.57

780+00 | 781 | 782 | 783 | 784 | 785+00 | 786 | 787 | 788 | IL 116 | 789 | 790+00 | 791 | 792 | 793 | 794

2H:3V

50.00

50.00

REMOVE 4' OF EXISTING WB AGGREGATE SHOULDER
AND CONSTRUCT TEMPORARY PAVEMENT USING
STANDARD 701326-04 PRIOR TO SHIFTING TRAFFIC.

GUARDRAIL TO REMAIN IN PLACE
DURING PRE-STAGE

SHORT POINT CREEK

6" RVC

LEGEND

PAVEMENT/SHOULDER WIDENING

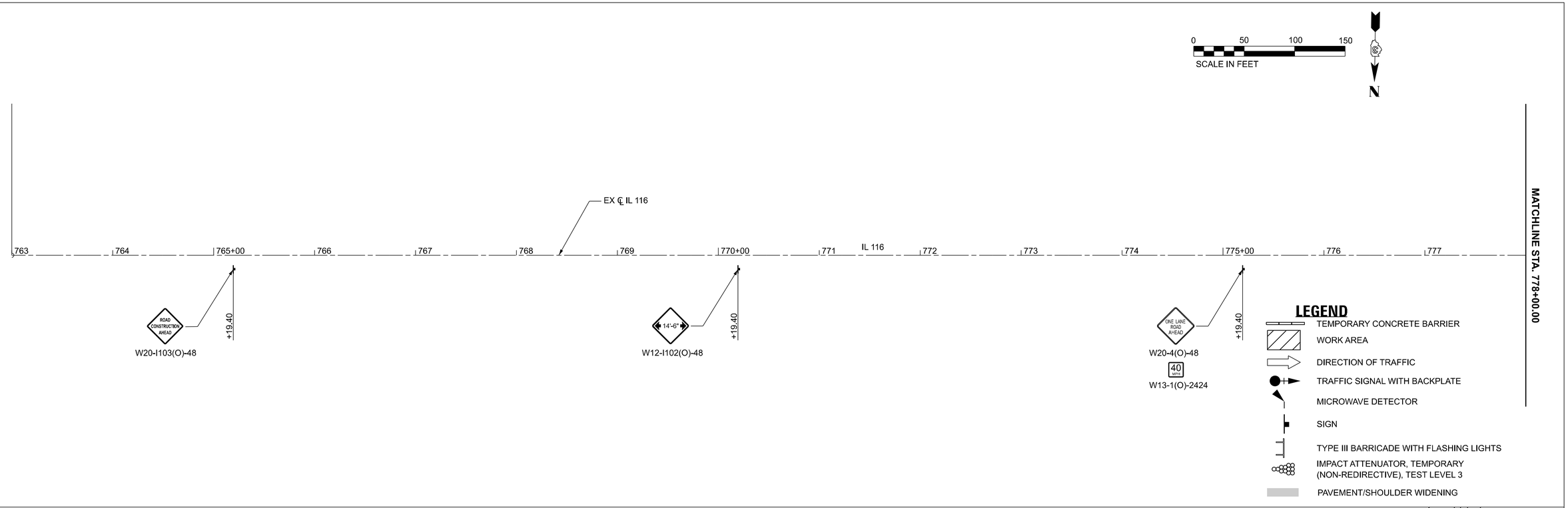
DIRECTION OF TRAFFIC

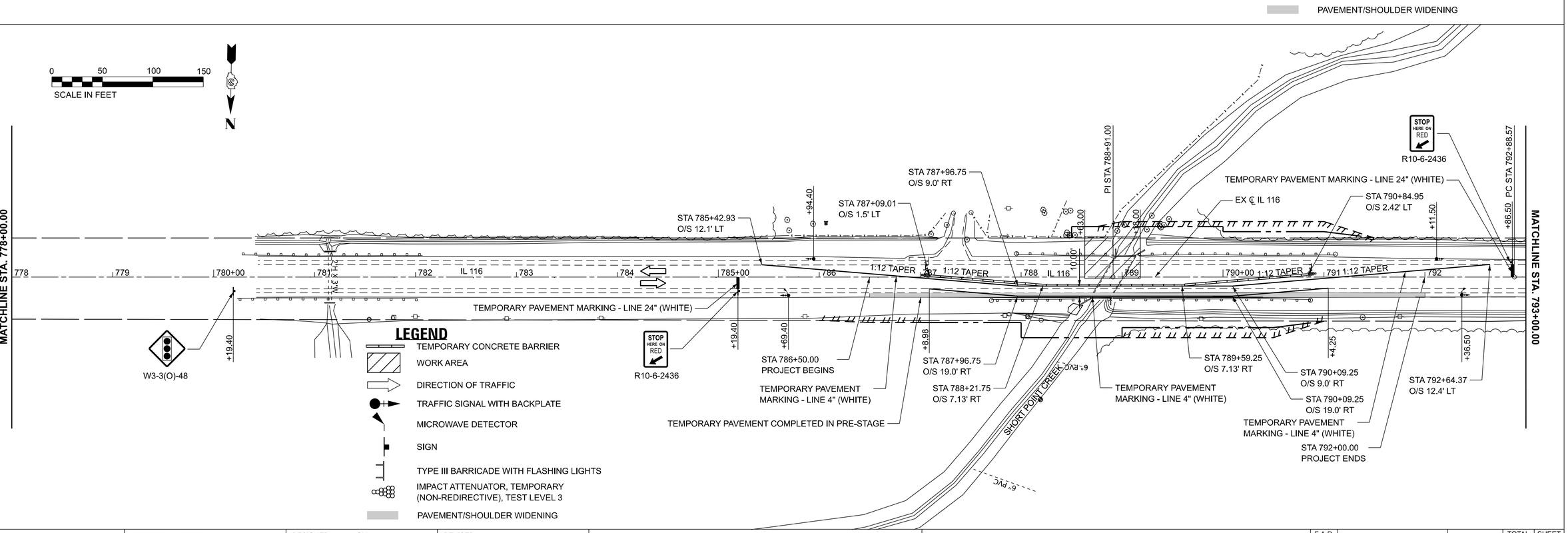
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Infrastructure Demolition and Capacity
150 N. Wacker Drive, Suite 1200 • Chicago, IL 60606
Phone: (312) 876-9500 Fax: (312) 876-9600

USER NAME = ssaste	DESIGNED - CM	REVISED - _____	**STATE OF ILLINOIS**	**MAINTENANCE OF TRAFFIC PLANS**	
	DRAWN - CM	REVISED - _____	**DEPARTMENT OF TRANSPORTATION**	**PRE-STAGE**	
PLOT SCALE = NTS	CHECKED - TB	REVISED - _____			
PLOT DATE = 7/30/2026	DATE - 07/31/2026	REVISED - _____		SCALE: 1"=50' SHEET 1 OF 6 SHEETS STA. 780+00.00 TO STA. 795+00.00	

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
673	(111BR) BR	LIVINGSTON	44	18
		CONTRACT NO. 66M78		
	ILLINOIS	FED. AID PROJECT		





MODEL: D366M78 - sht-staging01 [Sheet]
FILE NAME: X:\BM8-1004 D3 Various Phase I-II Chamlin\BM8-1004A_WO7 66M78 IL 116 over Short Point Creek\7_Drawings\03 Sheets\D366M78-sht-staging-01.dgn

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Infrastructure Innovation and Ingenuity
150 N. Wacker Drive, Suite 1200 ✦ Chicago, IL 60606
Phone: (312) 876-9500 Fax: (312) 876-9600

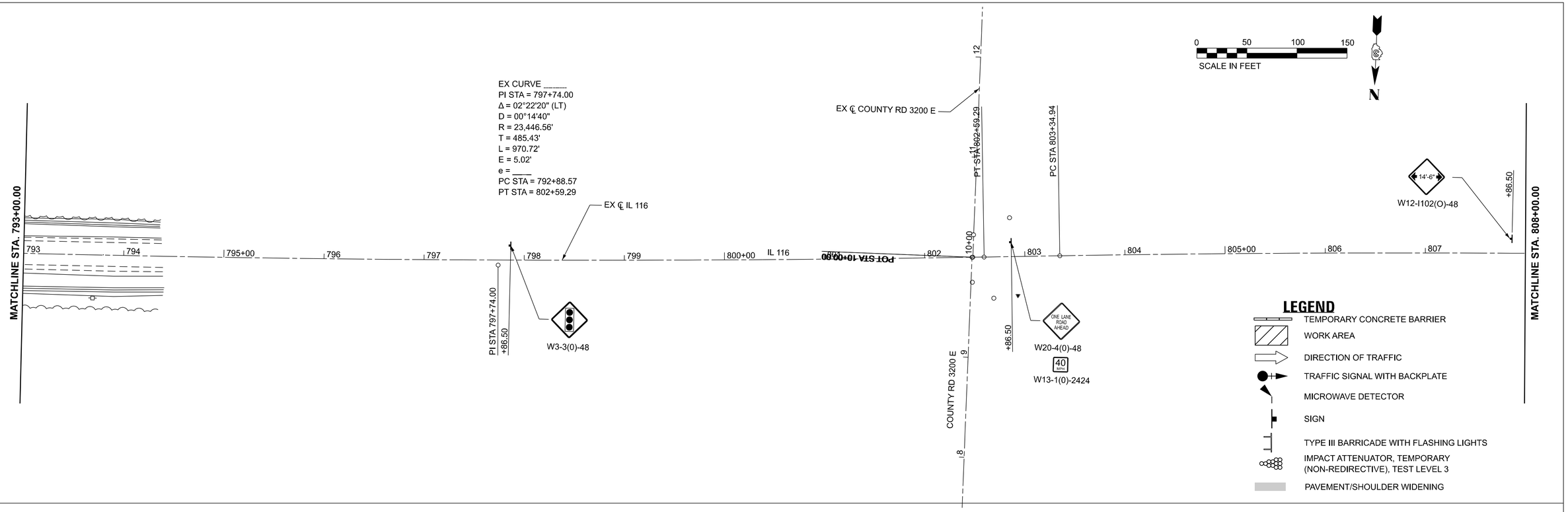
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	DRAWN - CM	REVISED - _____	
PLOT SCALE = 0.16666633 ' / in.	CHECKED - TB	REVISED - _____	
PLOT DATE = 7/31/2026	DATE - 07/31/2026	REVISED - _____	

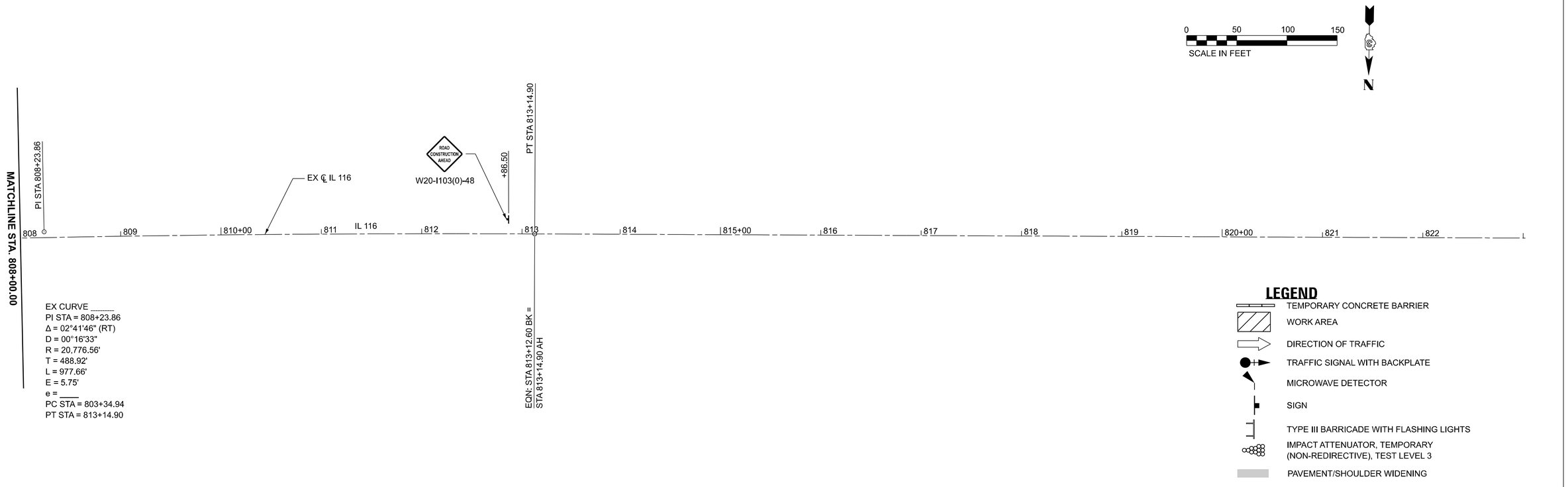
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC PLANS
STAGE 1

SCALE: 1"=50' | SHEET 2 OF 6 SHEETS | STA. 763+00.00 | TO STA. 793+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
673	(111BR) BR	LIVINGSTON	44	19
		CONTRACT NO. 66M78		
	ILLINOIS	FED. AID PROJECT		





MODEL: D366M78 - sht-staging03 [Sheet]
FILE NAME: X:\BM8-1004 D3 Various Phase I-II Chamlin\BM8-1004A_WO7 66M78 IL 116 over Short Point Creek\7_Drawings\03 Sheets\D366M78-sht-staging-01.dgn

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Infrastructure Innovation and Ingenuity
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Phone: (312) 876-9500 Fax: (312) 876-9600

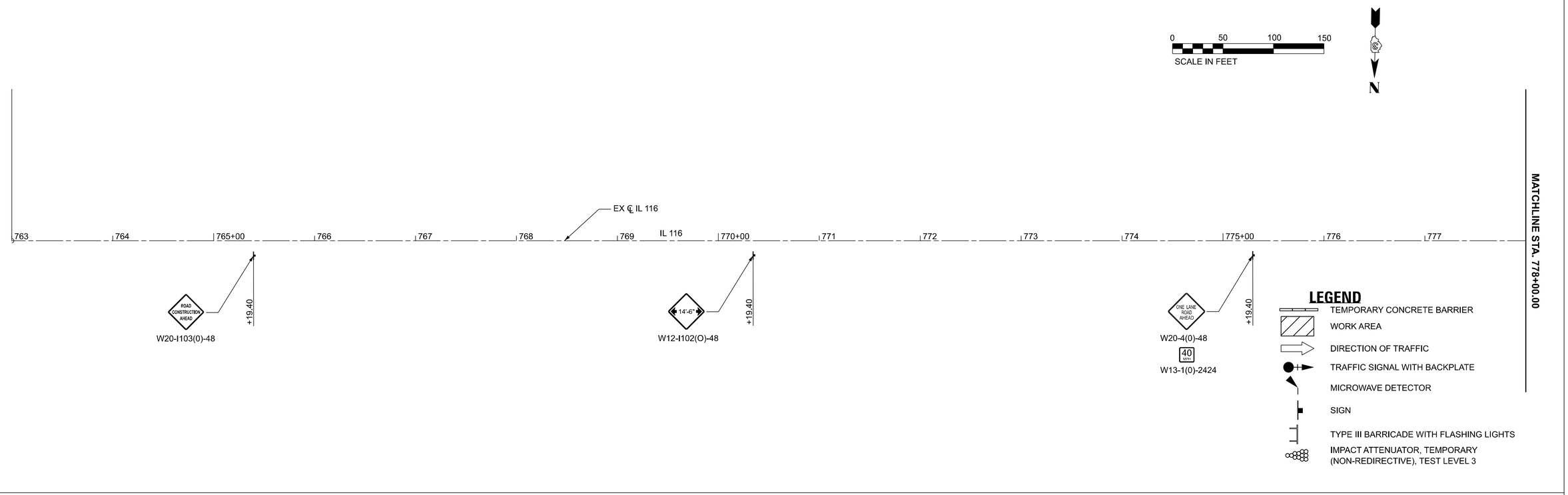
USER NAME = ssaste	DESIGNED - CM	REVISED - _____	
	DRAWN - CM	REVISED - _____	
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PLOT DATE = 7/31/2026	DATE - 07/31/2026	REVISED - _____	

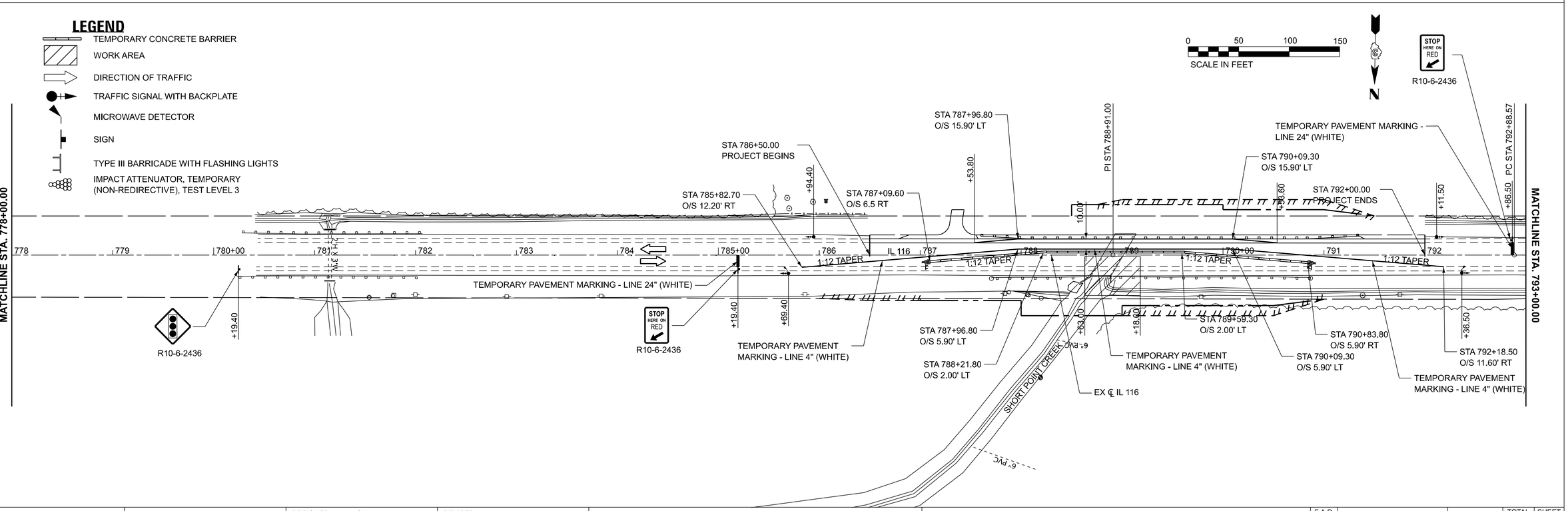
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC PLANS
STAGE 1

SCALE: 1"=50' | SHEET 3 OF 6 SHEETS | STA. 793+00.00 | TO STA. 823+02.30 R2

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
673	(111BR) BR	LIVINGSTON	44	20
		CONTRACT NO. 66M78		
	ILLINOIS	FED. AID PROJECT		



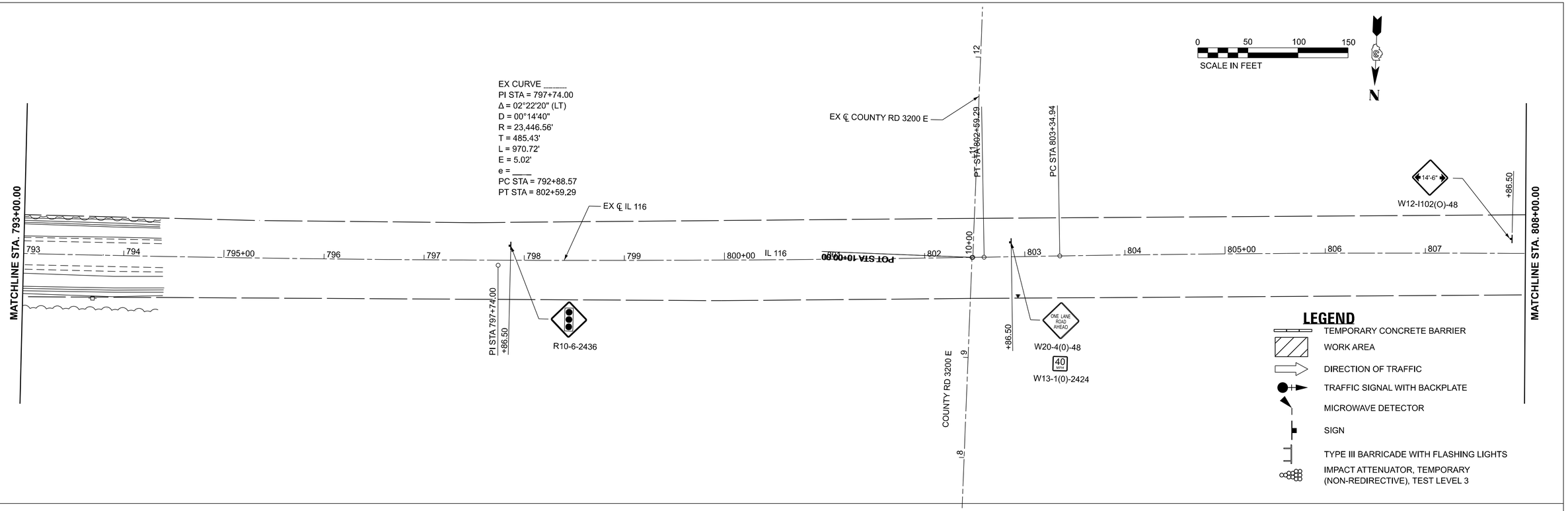


MODEL: D366M78 - sht-staging02 [Sheet]
FILE NAME: X:\BM8-1004 D3 Various Phase I\I Chamlin\BM8-1004A_WO7 66M78 IL 116 over Short Point Creek\7_Drawings\03 Sheets\D366M78-sht-staging-02.dgn

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Infrastructure Innovation and Ingenuity
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Phone: (312) 876-9500 Fax: (312) 876-9600

USER NAME = ssaste	DESIGNED - CM	REVISED - _____	**STATE OF ILLINOIS**	**MAINTENANCE OF TRAFFIC PLANS**	
	DRAWN - CM	REVISED - _____	**DEPARTMENT OF TRANSPORTATION**	**STAGE 2**	
PLOT SCALE = 0.16666633 ' / in.	CHECKED - TB	REVISED - _____			
PLOT DATE = 7/31/2026	DATE - 07/31/2026	REVISED - _____		SCALE: 1"=50' SHEET 4 OF 6 SHEETS STA. 763+00.00 TO STA. 793+00.00	

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
673	(111BR) BR	LIVINGSTON	44	21
		CONTRACT NO. 66M78		
	ILLINOIS	FED. AID PROJECT		

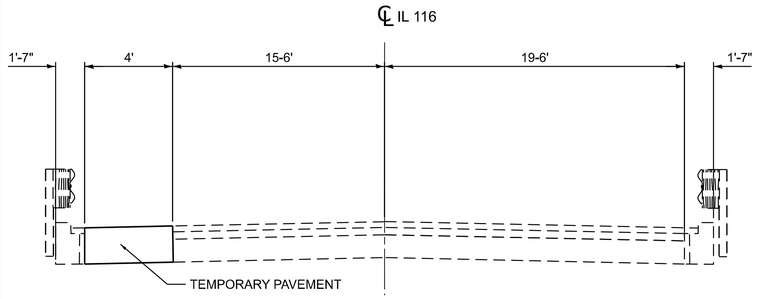


MODEL: D366M78 - sht-staging04 [Sheet]
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Infrastructure Innovation and Ingenuity
150 N. Wacker Drive, Suite 1200 • Chicago, IL 60606
Phone: (312) 876-9500 Fax: (312) 876-9600

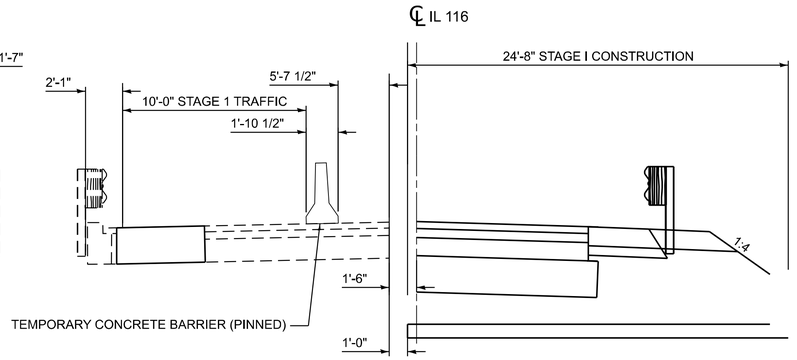
USER NAME = ssaste	DESIGNED - CM	REVISED - _____	**STATE OF ILLINOIS**	**MAINTENANCE OF TRAFFIC PLANS**
	DRAWN - CM	REVISED - _____	**DEPARTMENT OF TRANSPORTATION**	**STAGE 2**
PLOT SCALE = 0.16666633 ' / in.	CHECKED - TB	REVISED - _____		
PLOT DATE = 7/31/2026	DATE - 07/31/2026	REVISED - _____	SCALE: 1"=50'	SHEET 5 OF 6 SHEETS STA. 793+00.00 TO STA. 823+02.30 R2

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
673	(111BR) BR	LIVINGSTON	44	22
		CONTRACT NO. 66M78		
	ILLINOIS	FED. AID PROJECT		



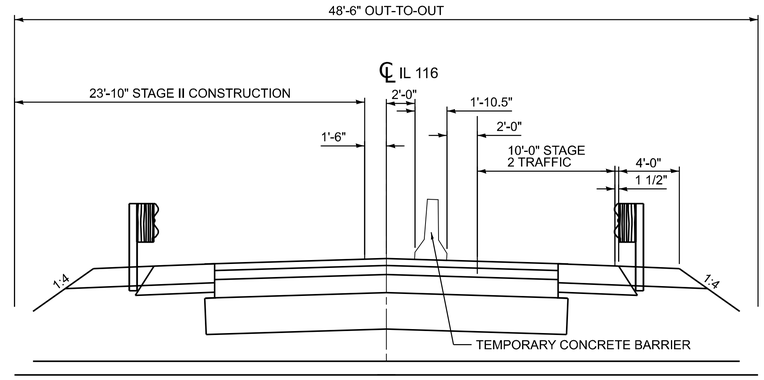
PRE–STAGE TYPICAL SECTION

LOOKING EAST



STAGE 1 TYPICAL SECTION

LOOKING EAST



STAGE 2 TYPICAL SECTION

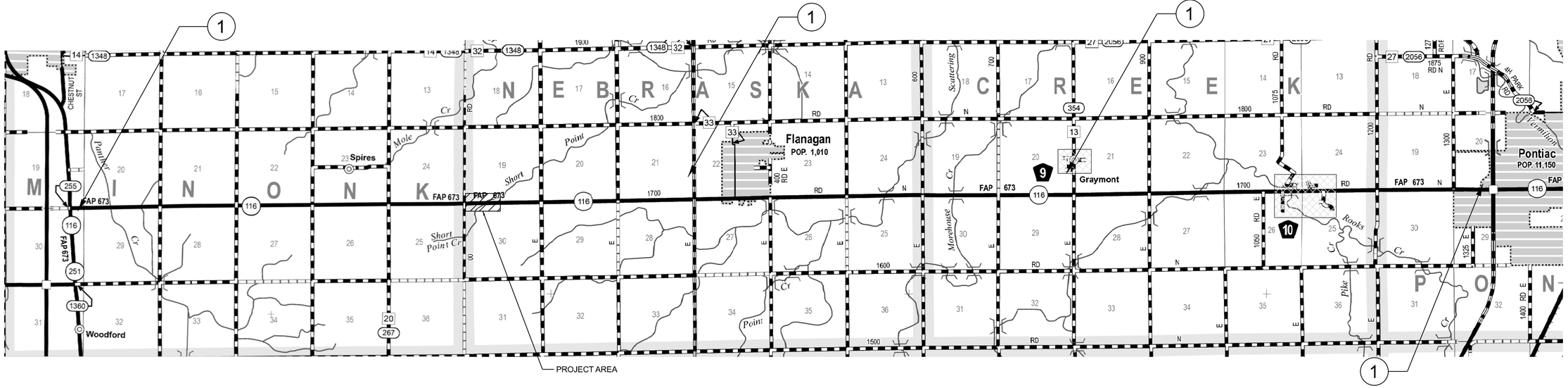
LOOKING EAST

NOTE:

ALL VIEWS PERPENDICULAR
TO CENTERLINE

LEGEND

(1) INSTALL WIDTH RESTRICTION SIGNS ACCORDING TO D3 STANDARD 701-6 FOUND IN ROADWAY DETAILS



BLOOM COMPANIES, LLC Infrastructure Innovation and Ingenuity 150 N. Wacker Drive, Suite 1200 ● Chicago, IL 60606 Phone: (312) 876-9500 Fax: (312) 876-9600	USER NAME = cmercado	DESIGNED - CM	REVISED - _____	**STATE OF ILLINOIS** **DEPARTMENT OF TRANSPORTATION**	**MAINTENANCE OF TRAFFIC** **TYPICAL SECTIONS**
		DRAWN - CM	REVISED - _____		
	PLOT SCALE = 0.16666633 ' / in.	CHECKED - TB	REVISED - _____		SCALE: NO SCALE SHEET 6 OF 6 SHEETS STA. TO STA.
	PLOT DATE = 7/31/2026	DATE - 07/31/2026	REVISED - _____		

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
673	(111BR) BR	LIVINGSTON	44	23
		CONTRACT NO. 66M78		
		ILLINOIS	FED. AID PROJECT	

MODEL: D366M78-sht-staging-03 [Sheet]
FILE NAME: X:\BM8-1004 D3 Various Phase I\I Chamlin\BM8-1004A_WO7 66M78 IL 116 over Short Point Creek\7_Drawings\03 Sheets\D366M78-sht-staging-03.dgn

N

0 20 40

SCALE IN FEET

SHORT POINT CREEK

STA. 788+82.14
O/S 37.00' LT

STA. 788+82.14
O/S 31.00' LT

STA. 789+34.36
O/S 37.00' LT

STA. 789+34.36
O/S 31.00' LT

PROJECT BEGINS
STA. 786+50.00

PROJECT ENDS
STA. 792+00.00

PR TEMP EASEMENT

PR ROW

EX ROW

℄ IL 116

IL 116

787 788 789 790+00 791 792

EX ROW

PR TEMP EASEMENT

PR ROW

PR ROW

100' SPACING FOR DITCH CHECKS

PR TEMP EASEMENT

EX ROW

STA. 788+47.58
O/S 31.00' RT

STA. 788+47.58
O/S 37.00' RT

STA. 788+99.83
O/S 31.00' RT

STA. 788+99.83
O/S 37.00' RT

SHORT POINT CREEK

LEGEND

TEMPORARY EROSION CONTROL BLANKET &
TEMPORARY EROSION CONTROL SEEDING

PROPOSED STONE RIPRAP, CLASS A4
SEE STRUCTURE PLANS

TEMPORARY DITCH CHECK

PERIMETER EROSION BARRIER

DIRECTION OF DITCH FLOW

MODEL: EROS SHEET
FILE NAME: X:\BM8-1004 D3 Various Phase I\I Chamlin\BM8-1004A_WO7 66M78 IL 116 over Short Point Creek\7 Drawings\03 Sheets\D366M78-sht-eros.dgn

BLOOM COMPANIES, LLC
Civil Infrastructure Conservation and Engineering
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Phone: (312) 876-0600 Fax: (312) 876-0600

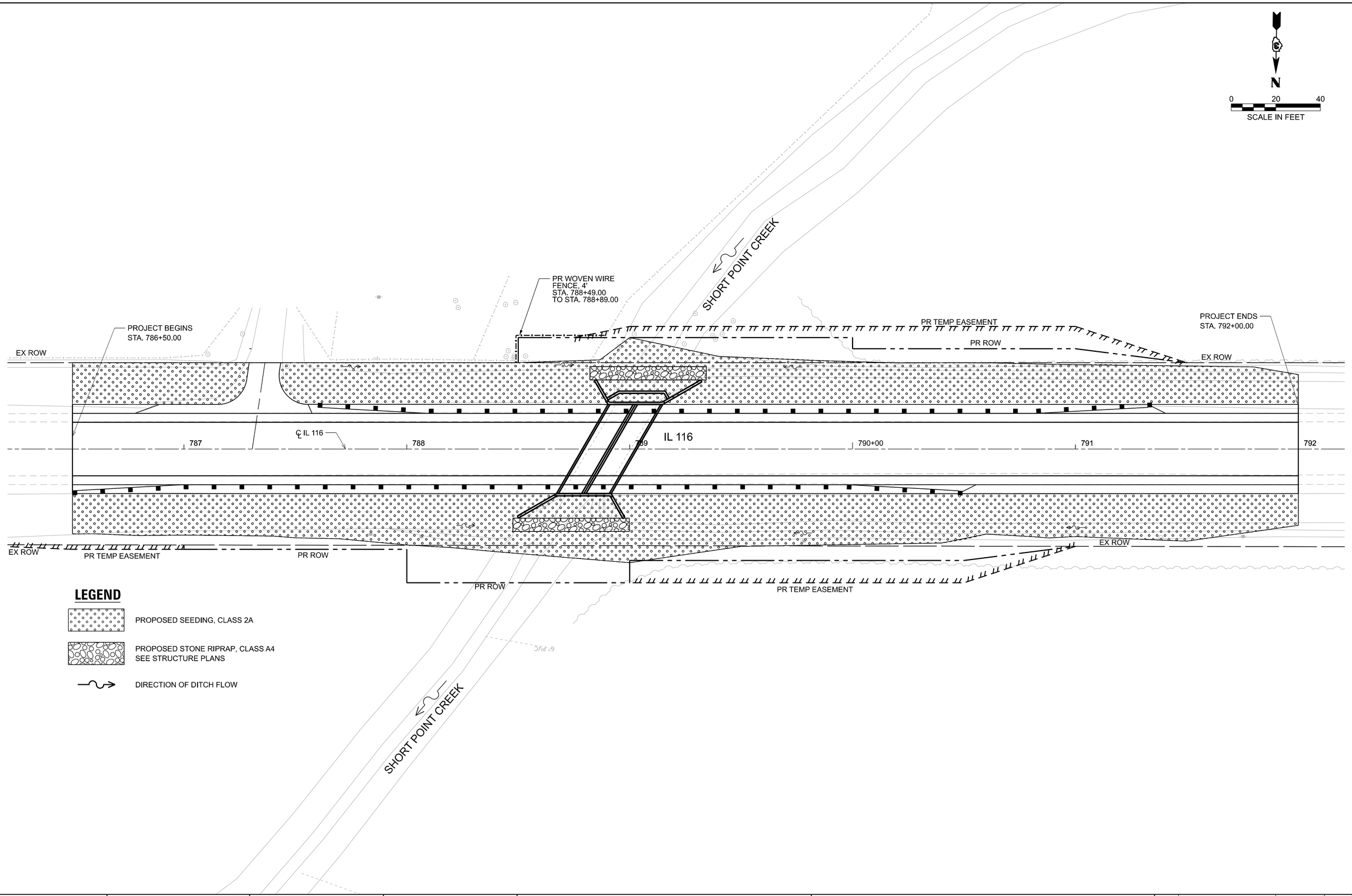
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PLOT SCALE = 0.16666633 ' / in.	CHECKED - TB	REVISED - _____	
PLOT DATE = 7/30/2026	DATE - 07/31/2026	REVISED - _____	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL 116
EROSION & SEDIMENT CONTROL PLAN & DETAILS

SCALE: 1"=20' | SHEET 1 OF 1 SHEETS | STA. 786+50.00 TO STA. 792+00.00

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
673	(111BR) BR	LIVINGSTON	44	24
		CONTRACT NO. 66M78		
	ILLINOIS	FED. AID PROJECT		



LEGEND

PROPOSED SEEDING, CLASS 2A

PROPOSED STONE RIPRAP, CLASS A4
SEE STRUCTURE PLANS

DIRECTION OF DITCH FLOW

MODEL: EROS SHEET
FILE NAME: X:\BM8-1004 D3 Various Phase I-II Chamlin\BM8-1004A_WO7 66M78 IL 116 over Short Point Creek\7_Drawings\03 Sheets\D366M78-sht-lndscp.dgn

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Infrastructure Innovation and Ingenuity
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USER NAME = cmercado	DESIGNED - CM	REVISED - _____	
	DRAWN - CM	REVISED - _____	
PLOT SCALE = 0.16666633 ' / in.	CHECKED - TB	REVISED - _____	
PLOT DATE = 7/31/2026	DATE - 07/31/2026	REVISED - _____	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

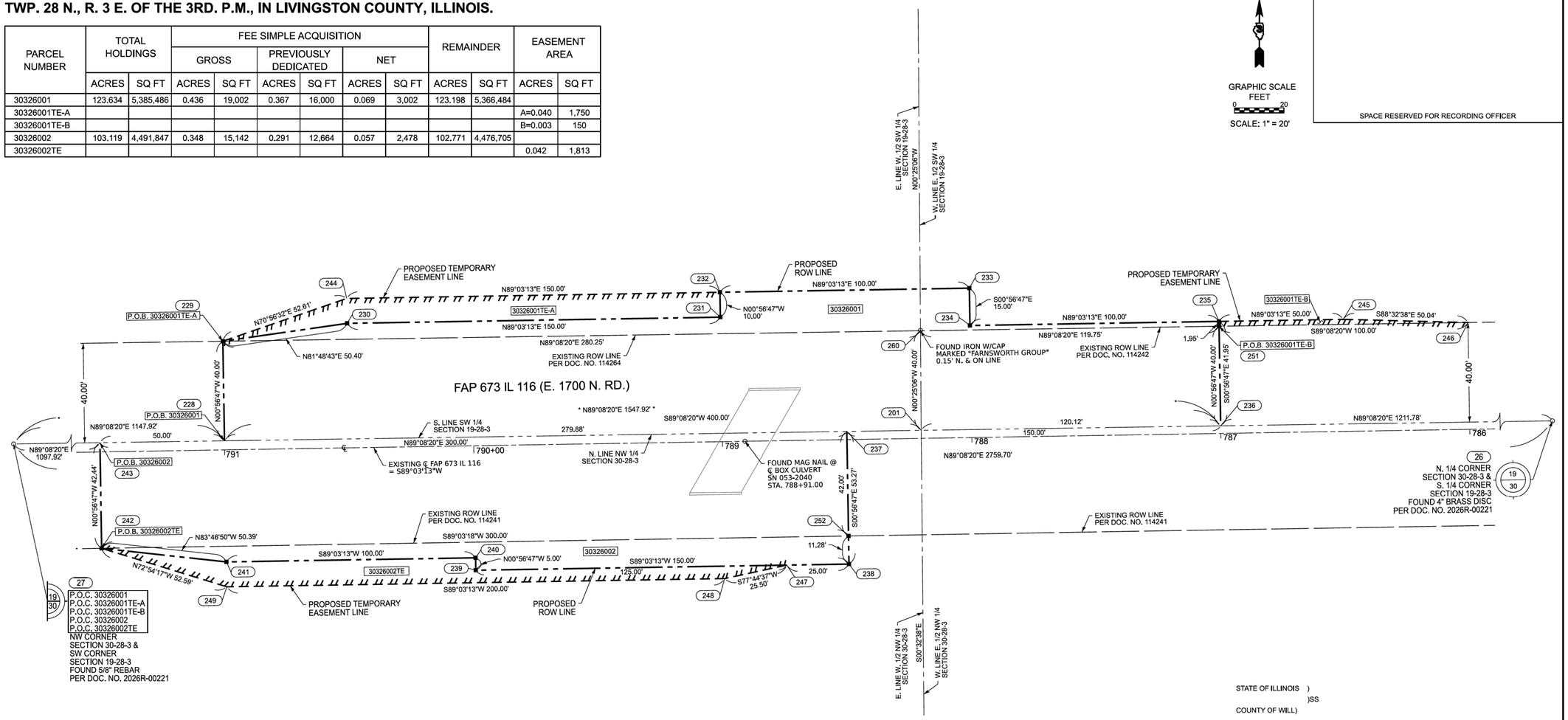
IL 116
LANDSCAPE PLAN

SCALE: 1"=20' | SHEET 1 OF 1 SHEETS | STA. 786+50.00 | TO STA. 792+00.00

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
673	(111BR) BR	LIVINGSTON	44	25
		CONTRACT NO. 66M78		
		ILLINOIS	FED. AID PROJECT	

PART OF THE SOUTHWEST QUARTER OF SECTION 19, & PART OF THE NORTHWEST QUARTER OF SECTION 30, TWP. 28 N., R. 3 E. OF THE 3RD. P.M., IN LIVINGSTON COUNTY, ILLINOIS.

PARCEL NUMBER	TOTAL HOLDINGS		FEE SIMPLE ACQUISITION						REMAINDER		EASEMENT AREA	
			GROSS		PREVIOUSLY DEDICATED		NET					
	ACRES	SQ FT	ACRES	SQ FT	ACRES	SQ FT	ACRES	SQ FT	ACRES	SQ FT	ACRES	SQ FT
30326001	123.634	5,385,486	0.436	19,002	0.367	16,000	0.069	3,002	123.198	5,366,484		
30326001TE-A											A=0.040	1,750
30326001TE-B											B=0.003	150
30326002	103.119	4,491,847	0.348	15,142	0.291	12,664	0.057	2,478	102.771	4,476,705		
30326002TE											0.042	1,813



ILLINOIS STATE PLANE COORDINATE TABLE (EAST ZONE) NAD83 (2011 ADJUSTMENT)				
POINT NO.	STATION	OFFSET	NORTH	EAST
26	774+88.22	1.25' RT.	1,531,343.3330	821,676.4490
246	786+00.00	42.90' RT.	1,531,366.6189	820,564.1328
245	786+50.00	45.00' RT.	1,531,367.8905	820,514.1049
236	787+00.00	3.05' RT.	1,531,325.1214	820,464.8046
251	787+00.00	43.05' RT.	1,531,365.1160	820,464.1440
235	787+00.00	45.00' RT.	1,531,367.0646	820,464.1118
234	788+00.00	45.00' RT.	1,531,365.4129	820,364.1254
233	788+00.00	60.00' RT.	1,531,380.4108	820,363.8777
260	788+19.75	43.23' RT.	1,531,363.3162	820,344.4048
201	788+20.12	3.23' RT.	1,531,323.3161	820,344.6969
237	788+50.00	3.27' RT.	1,531,322.8671	820,314.8214
252	788+50.00	38.72' LT.	1,531,280.8778	820,315.5151
238	788+50.00	50.00' LT.	1,531,269.6000	820,315.7014
247	788+75.00	50.00' LT.	1,531,269.1871	820,290.7048

ILLINOIS STATE PLANE COORDINATE TABLE (EAST ZONE) NAD83 (2011 ADJUSTMENT)				
POINT NO.	STATION	OFFSET	NORTH	EAST
240	790+00.00	45.00' LT.	1,531,272.1217	820,165.6392
231	789+00.00	50.00' RT.	1,531,368.7605	820,264.0565
248	789+00.00	55.00' LT.	1,531,263.7748	820,265.7908
232	789+00.00	60.00' RT.	1,531,378.7591	820,263.8913
239	790+00.00	50.00' LT.	1,531,267.1224	820,165.7218
230	790+50.00	50.00' RT.	1,531,366.2829	820,114.0769
244	790+50.00	60.00' RT.	1,531,376.2816	820,113.9118
228	791+00.00	3.65' RT.	1,531,319.1099	820,064.8494
229	791+00.00	43.65' RT.	1,531,359.1044	820,064.1887
241	791+00.00	45.00' LT.	1,531,270.4700	820,065.6529
249	791+00.00	55.00' LT.	1,531,260.4714	820,065.8180
243	791+50.00	3.72' RT.	1,531,318.3584	820,014.8550
242	791+50.00	38.71' LT.	1,531,275.9295	820,015.5559
27	802+47.17	24.97' RT.	1,531,301.8580	818,917.0590

BASIS OF BEARING STATEMENT

GRID BEARINGS AND DISTANCES SHOWN HEREON ARE REFERENCED TO THE ILLINOIS STATE PLANE (EAST ZONE) NAD83 (2011 ADJUSTMENT) PER NGS DESIGNATION: JANSSEN AZ MK PID: CI7595

GROUND DISTANCE = GRID DISTANCE DIVIDED BY PROJECT COMBINATION FACTOR OF 0.99997464

AREAS SHOWN BASED ON GROUND DISTANCES

CWA SURVEY

CLAASSEN, WHITE & ASSOCIATES, P.C.
LAND SURVEYORS
121 AIRPORT DRIVE, UNIT I, JOLIET, ILLINOIS 60431
(815) 744-3720 claassenwhite@cwasurvey.com
CWA Job #8215

STATE OF ILLINOIS)
)SS
COUNTY OF WILL)

THIS IS TO CERTIFY THAT I, DAVID A. CLAASSEN, AN ILLINOIS PROFESSIONAL LAND SURVEYOR, (WE, CLAASSEN, WHITE & ASSOCIATES, P.C. AN ILLINOIS PROFESSIONAL DESIGN FIRM LAND SURVEYING CORPORATION, NUMBER 184-004039,) HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTIONS 19 & 30, TOWNSHIP 28 NORTH, RANGE 3 EAST OF THE THIRD PRINCIPAL MERIDIAN, LIVINGSTON COUNTY, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED, MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

DATED AT JOLIET, ILLINOIS THIS 22nd DAY OF JANUARY 2026 A.D.

ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 35-2962
LICENSE EXPIRATION DATE: NOVEMBER 30, 2026

DAVID A. CLAASSEN 35-2962 JOLIET ILLINOIS PROFESSIONAL LAND SURVEYOR STATE OF ILLINOIS

THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY.

MODEL: $MODELNAME$
FILE NAME: $FILE$

PLOTTED BY: = JASON SHIBLEY	FIELD - ____	REVISED - ____	
FIELD WORK COMPLETED = 11/20/2025	DRAWN - JLS	REVISED - ____	
PLOT SCALE = 1" = 20'	CHECKED - KAG	REVISED - ____	
PLOT DATE = 01/22/2026	DATE - 12/03/2025	REVISED - ____	

ILLINOIS DEPARTMENT OF TRANSPORTATION
PLAT OF HIGHWAYS

F.A.P. RTE.: 673 (IL 116)	SECTION: (111BR)BR	COUNTY: LIVINGSTON	JOB NO.: R-93-003-26
	STA 786+00.00 TO STA 791+50.00	ROUTE: SHORT POINT CREEK, 5.4 MILES EAST OF IL 251	
	SHEET NO. 2 OF 4 SHEETS	CONTRACT NO. 66M78	SHEET NO. OF SHEETS

MODEL: D366M67-sht-rowplan-1 [Sheet]
FILE NAME: X:\BM8-1004 D3 Various Phase III Chamlin\BM8-1004A_WO7 66M78 IL 116 over Short Point Creek\7_Drawings\03 Sheets\D366M78-sht-rowplan.dgn

BLOOM COMPANIES, LLC
Infrastructure Innovation and Ingenuity
150 N. Wacker Drive, Suite 1200 • Chicago, IL 60606
Phone: (312) 870-9500 Fax: (312) 870-9600

USER NAME = zwalberg	DESIGNED - CM	REVISED - ____	
	DRAWN - CM	REVISED - ____	
PLOT SCALE = NTS	CHECKED - TB	REVISED - ____	
PLOT DATE = 9/12/2025	DATE - 10/22/2025	REVISED - ____	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

RIGHT OF WAY PLANS

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
673	(111BR) BR	LIVINGSTON	44	26
		CONTRACT NO. 66M78		
	ILLINOIS FED. AID PROJECT			

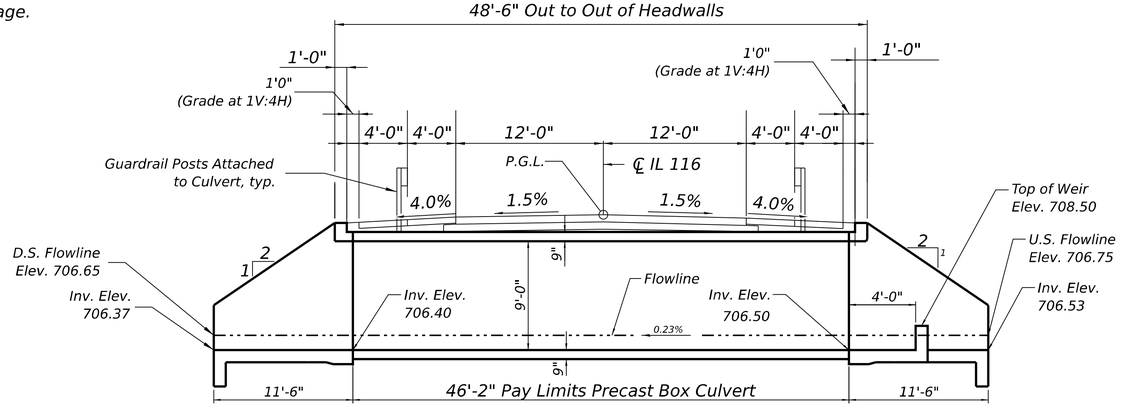
Benchmark: CUT "□" TOP NW WINGWALL STA 788+88.45, 22.04 RT ELEV. 717.152
Existing Structure: No. 053-0103 built in 1928 as a single-span concrete slab bridge, 18'-0" bk-to-bk of abutments, 42'-2" out-to-out width. Resurfaced in 1957 with a 1½" overlay over the existing 4" concrete wearing surface. Rehabilitated in 1969 with replacement of the 4" concrete wearing surface, addition of a 1½" HMA overlay and waterproofing, replacement of deck drains, and replacement of handrails with single rail steel plate beam guardrail. HMA removed and replaced in 1987. Scour repaired in 1999 with riprap placed from abutment to abutment. In 2000, ½" HMA was removed and replaced with a 1½" HMA overlay while maintaining the existing waterproofing.

One lane traffic to be maintaned using stage construction.

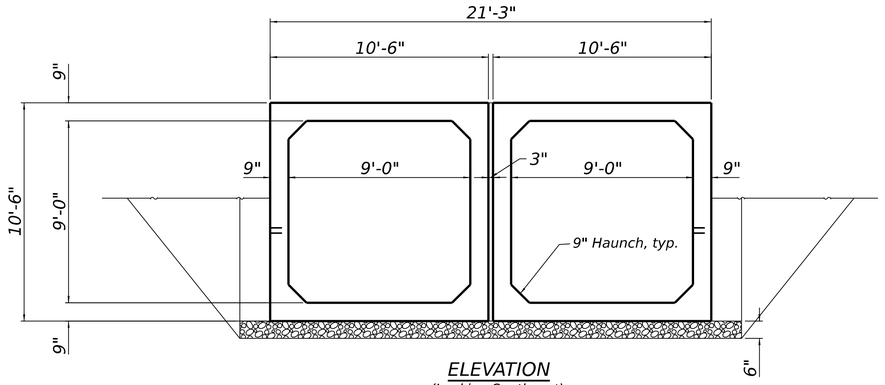
No Salvage.

INDEX OF SHEETS

1. General Plan and Elevation
2. General Notes
3. Staging Details
4. Cast-in-Place Apron End Section
5. Cast-in-Place Apron End Section Details
6. Boring Logs



LONGITUDINAL SECTION
(Looking East)



ELEVATION
(Looking Southeast)

DESIGN SPECIFICATIONS

2024 AASHTO LRFD Bridge Design Specifications
Customary U.S. Units, 10th Edition

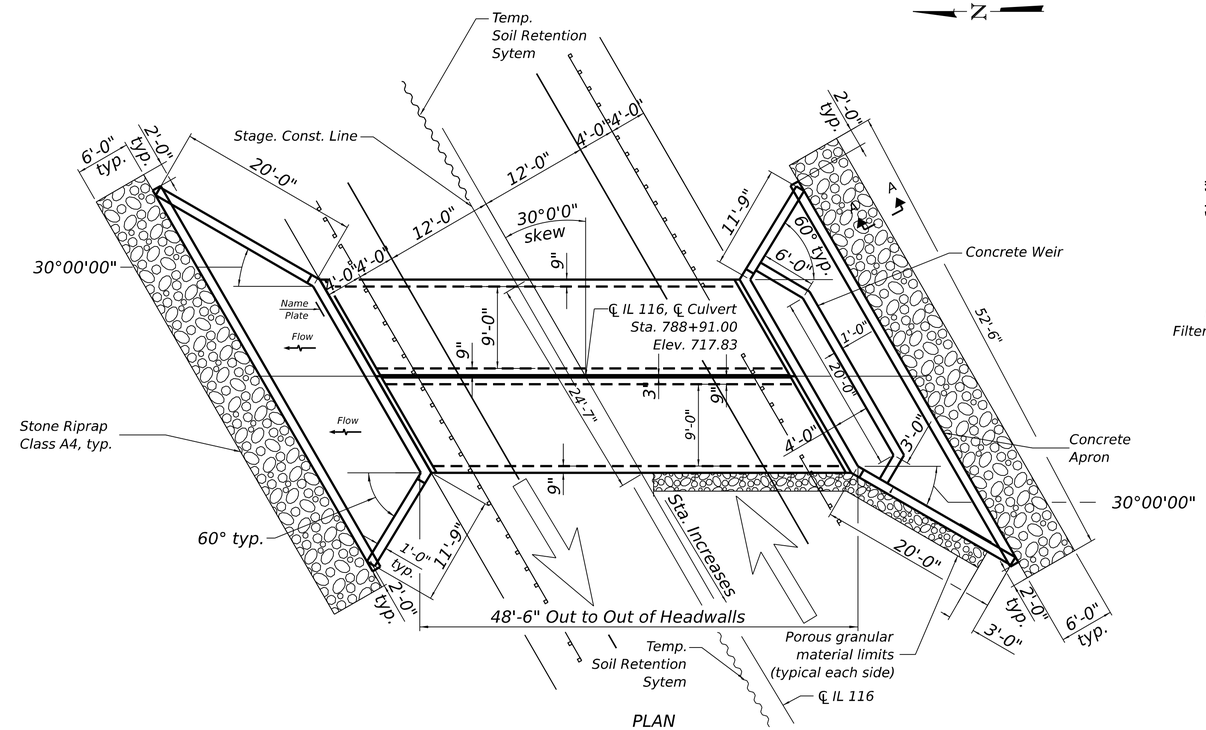
LOADING HL-93

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

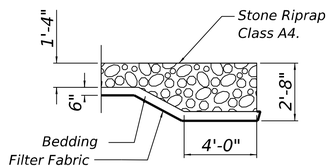
DESIGN STRESSES

PRECAST UNITS
f'c = 5,000 psi
fy = 65,000 psi (Welded Wire Reinforcement)
fy = 60,000 psi (Reinforcement)

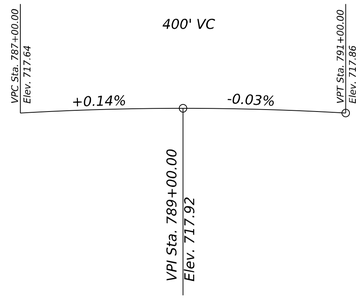
FIELD UNITS
f'c = 3,500 psi
fy = 60,000 psi (Reinforcement)



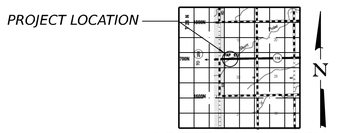
PLAN



SECTION A-A



PROFILE GRADE IL 116
Along Profile Grade Line



LOCATION SKETCH

GENERAL PLAN AND ELEVATION
FAP ROUTE 673 (IL 116)
OVER SHORT POINT CREEK
SECTION (111BR)BR
LIVINGSTON COUNTY
STATION 788+91.00
S.N. 053-2043

BLOOM COMPANIES, LLC
Infrastructure Innovation and Ingenuity
150 N. Wacker Drive, Suite 7200 • Chicago, IL 60606
Phone: (312) 876-0500 Fax: (312) 876-9600

USER NAME = cmercado	DESIGNED - CM	REVISED -	
	DRAWN - CM	REVISED -	
PLOT SCALE = 0.16666633 ' / in.	CHECKED - RJ	REVISED -	
PLOT DATE = 7/30/2026	DATE - 07/31/2026	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

GENERAL PLAN AND ELEVATION
STRUCTURE NO. 053-2043

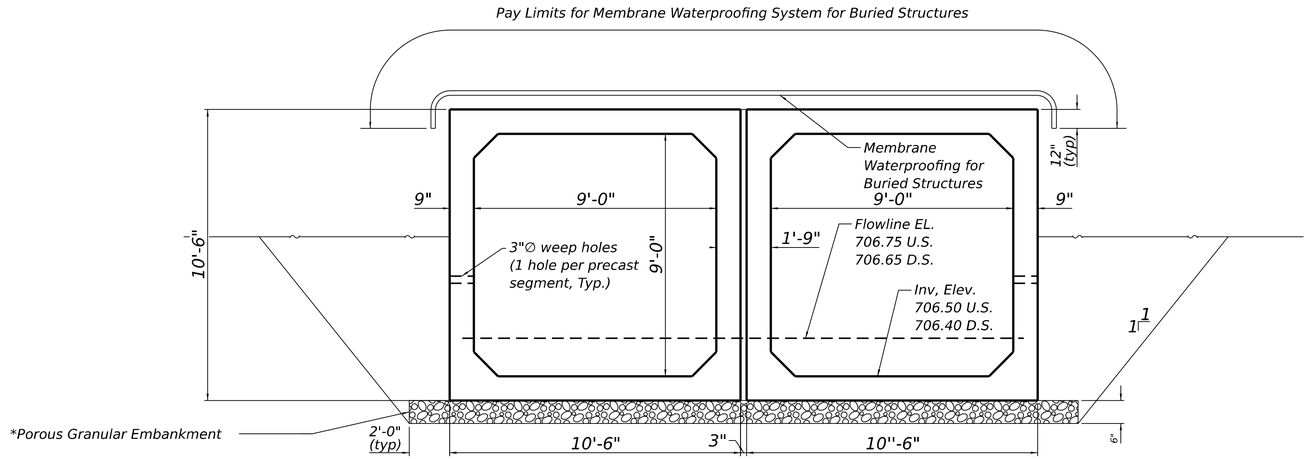
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
673	(111BR) BR	LIVINGSTON	44	27
		CONTRACT NO. 66M78		
	ILLINOIS	FED. AID PROJECT		

MODEL: PR Structure Plan View - 1
FILE NAME: X:\BM8-1004 D3 Various Phase I\I Chamlin\BM8-1004A_WO7 66M78 IL 116 over Short Point Creek\7_Drawings\03 Sheets\D366M78-sht-pr_structure.dgn

TOTAL BILL OF MATERIAL

ITEM	UNIT	TOTAL
Porous Granular Embankment	Cu. Yd.	240
Removal of Existing Structures	Each	1
Structure Excavation	Cu. Yd.	206
Reinforcement Bars, Epoxy Coated	Pound	15,433
Name Plates	Each	1
Concrete Box Culverts	Cu. Yd.	82
Precast Concrete Box Culverts, 9' x 9'	Foot	92
Strong Post Guardrail Attached to Culvert	Foot	70
Membrane Waterproofing System for Buried Structures	Sq. Yd.	134



SECTION THRU CULVERT

(Looking South); similar to section on sheet 1

* Included in the cost of Precast Concrete Box Culvert

WATERWAY INFORMATION

Drainage Area = 1.2 sq. mi.

Exist. Overtopping Elev. 717.69 @ Sta. 787+40
Prop. Overtopping Elev. 717.69 @ Sta. 787+40

Flood	Freq. Yr.	Q C.F.S.	Opening Sq. Ft. Exist.	Opening Sq. Ft. Prop.	Nat. H.W.E.	Head - Ft. Exist.	Head - Ft. Prop.	Headwater El. Exist.	Headwater El. Prop.
Ten-Year	10	166	57	98	712.0	0.0	0.0	712.0	712.0
Design	50	265	71	114	712.9	0.1	0.1	713.0	712.9
Base	100	308	76	119	713.2	0.3	0.1	713.4	713.2
Scour Check	200	352	77	121	713.3	0.4	0.1	713.7	713.4
Max. Calc.	500	410	79	123	713.4	0.6	0.2	714.0	713.6

10 Yr. Outlet Velocity from Exist. Structure = 3.4 ft/s
10 Yr. Outlet Velocity from Prop. Structure = 2.0 ft/s

STATION 788+91.00
BUILT 202_BY
STATE OF ILLINOIS
FAP RT 673 SEC [(111BR)BR]
LOADING HL-93
STRUCTURE NO. 053-2043

NAME PLATE

See Std. 515001

GENERAL NOTES

The design fill height for this box is 1 ft. The precast box culvert sections shall conform to the requirements of ASTM C 1577.

Drain holes shall be provided on exterior culvert walls for each precast box segment with a clear rise greater than 3 ft. The drain hole shall be located within 1/3 of the clear rise of the box culvert, shall not intercept the haunch, and shall conform to the requirements of Article 503.11 of the Standard Specification.

Nonwoven geotextile fabric shall conform to the requirements of Art. 1080.01 of the Standard Specifications. The minimum weight of the fabric shall be 6 ounces per square yard.

Precast concrete box culverts and box culvert end sections shall be backfilled with Porous Granular Embankment in the required excavation areas on the sides of the box culvert from the top of the box culvert to the bottom of the box culvert. This area of PGE is included in the Porous Granular Embankment pay item. The 6-inch thick layer of porous granular material required under the precast concrete box culvert, according to Section 540.06 of the standard specifications, shall also apply to the end sections. Cost of this porous granular material will not be paid for separately but shall be included in the unit price of the work for which it is required.

BLOOM COMPANIES, LLC
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Phone: (312) 876-0650 Fax: (312) 876-9600

USER NAME = cmercado	DESIGNED - CM	REVISED -	
	DRAWN - CM	REVISED -	
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PLOT DATE = 7/30/2026	DATE - 07/31/2026	REVISED -	

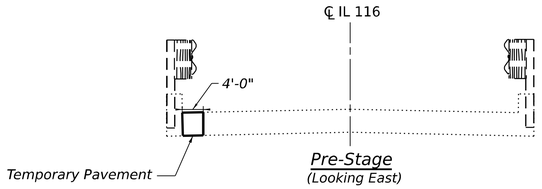
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

GENERAL NOTES
STRUCTURE NO. 053-2043

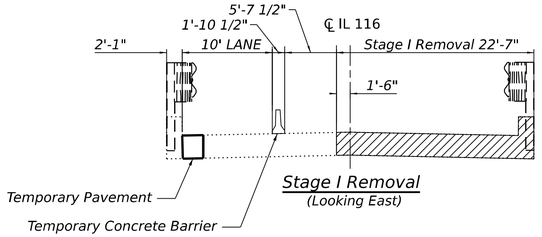
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
673	(111BR) BR	LIVINGSTON	44	28
		CONTRACT NO. 66M78		
	ILLINOIS	FED. AID PROJECT		

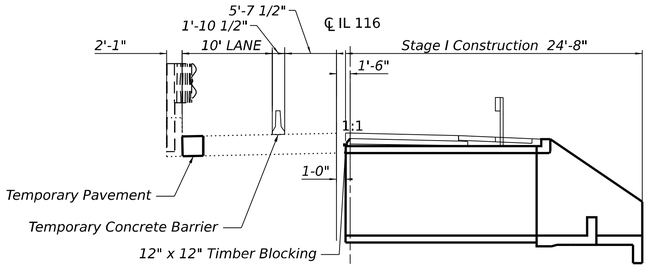
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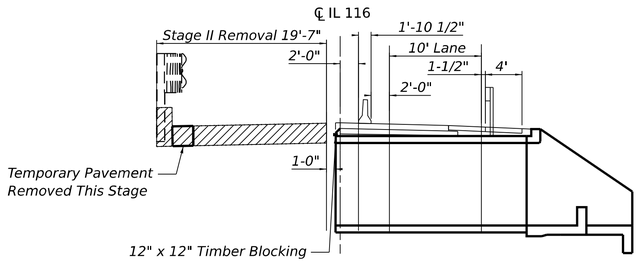
Pre-Stage
(Looking East)



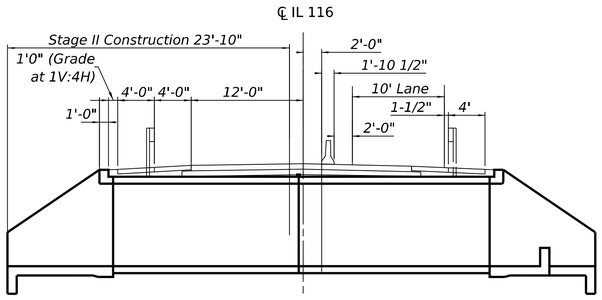
Stage I Removal
(Looking East)



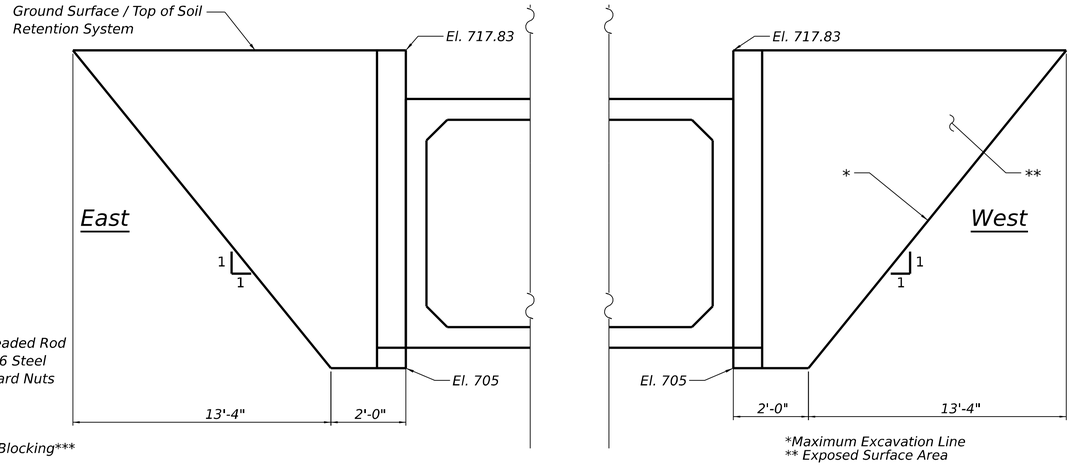
Stage I Construction
(Looking East)



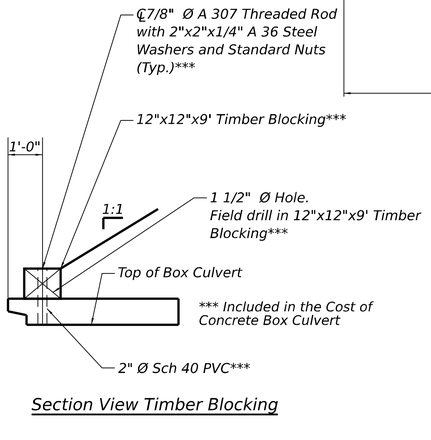
Stage II Removal
(Looking East)



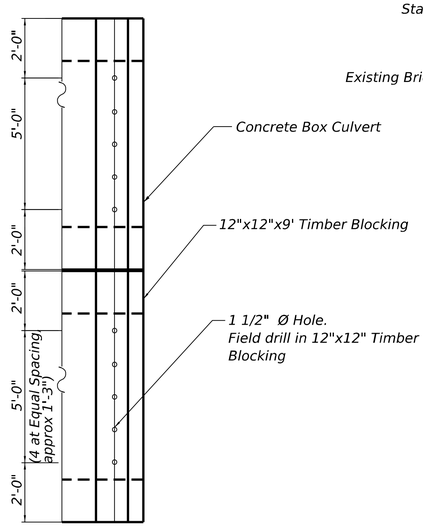
Stage II Construction
(Looking East)



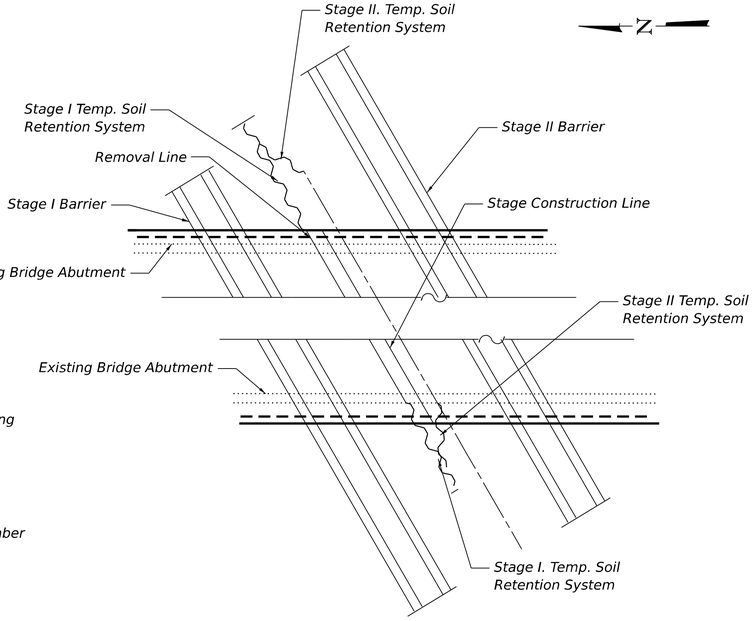
Section Temporary Soil Retention System



Section View Timber Blocking



Plan View Timber Blocking



Plan Temporary Soil Retention System

Notes:
A cantilevered sheet piling design does not appear feasible and additonal 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.

Legend

Indicates Removal of Existing Structure

MODEL: PR Structure Plan View - 3
FILE NAME: X:\BM8-1004 D3 Various Phase III Chamlin\BM8-1004A_WO7 66M78 IL 116 over Short Point Creek\7_Drawings\03 Sheets\D366W78-sht-pr_structure.dgn

BLOOM COMPANIES, LLC
Infrastructure Investment and Ingenuity
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Phone: (312) 876-0500 Fax: (312) 876-9000

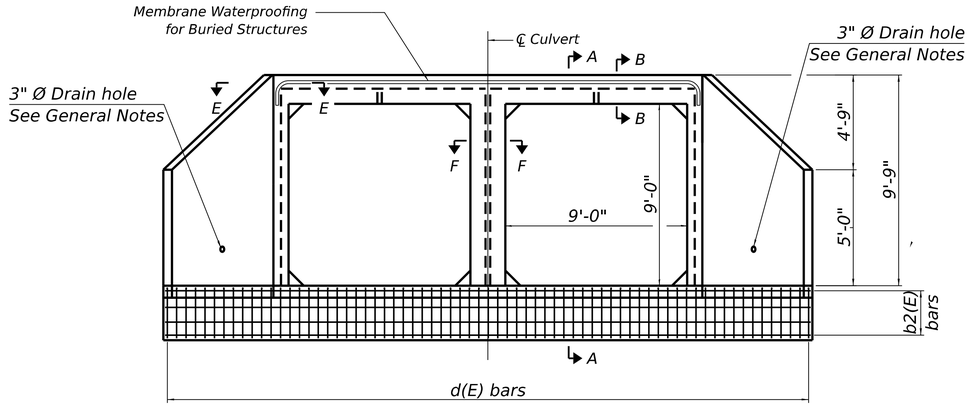
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PLOT DATE = 7/30/2026	DATE - 07/31/2026	REVISED - _____	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

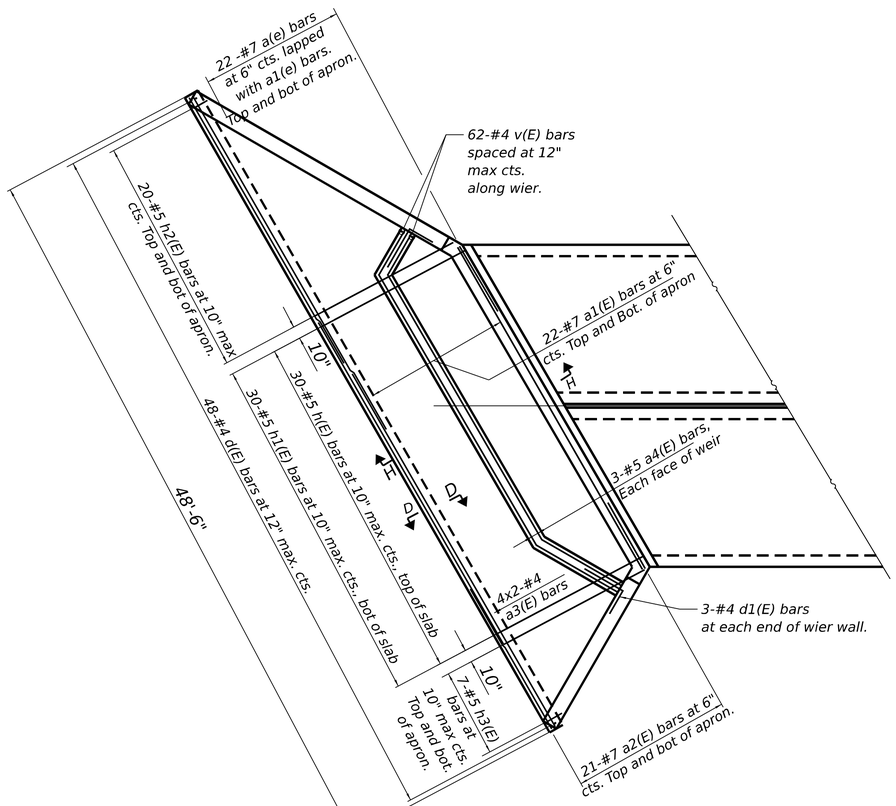
STAGING DETAILS
STRUCTURE NO. 053-2043

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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
673	(111BR) BR	LIVINGSTON	44	29
		CONTRACT NO. 66M78		
		ILLINOIS	FED. AID PROJECT	



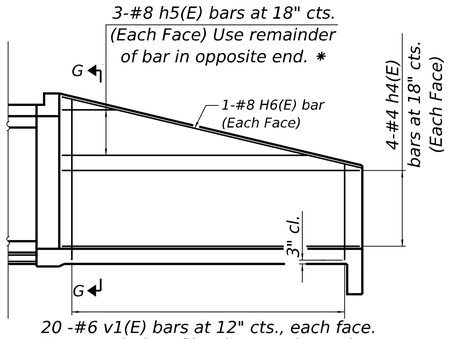
END ELEVATION



APRON PLAN

(Only apron and weir reinforcment shown for clarity)
(South apron shown, North apron similar)
(Weir only on South Apron)

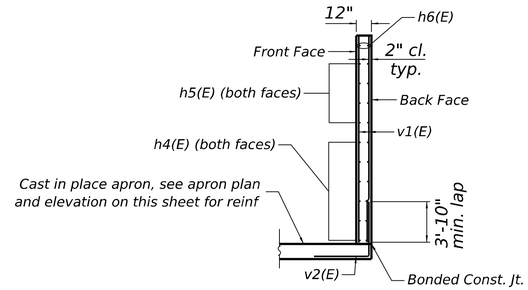
See Sheet 5 of 6 for Sections B-B, C-C, D-D, E-E, & F-F.



20 -#6 v1(E) bars at 12" cts., each face.
Use remainder of bar in opposite end.
20 -#6 v2(E) bars at 12" cts., (Back Face)

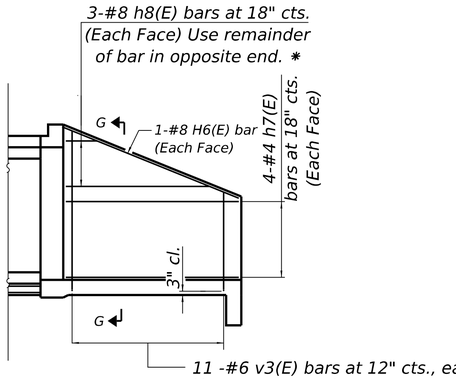
SECTION A-A

(NE & SW wingwalls)
(Only wingwall reinforcment shown for clarity)



SECTION G-G

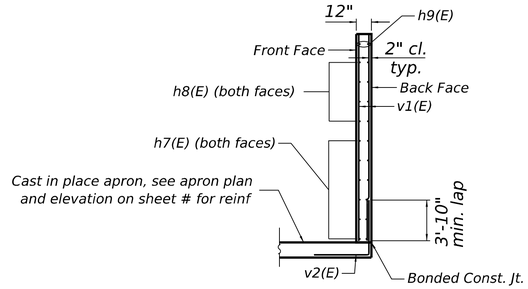
(NE & SW wingwalls)
(Only wingwall reinforcment shown for clarity)



11 -#6 v3(E) bars at 12" cts., each face.
Use remainder of bar in opposite end.
11 -#6 v2(E) bars at 12" cts., (Back Face)

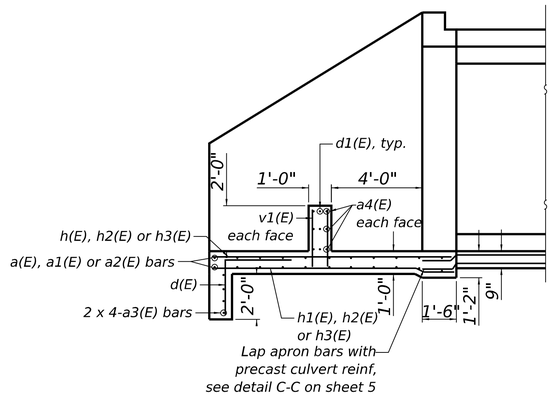
SECTION A-A

(NW & SE wingwalls)
(Only wingwall reinforcment shown for clarity)



SECTION G-G

(NW & SE wingwalls)
(Only wingwall reinforcment shown for clarity)



SECTION H-H

(Only apron and weir reinforcment shown for clarity)
(South apron shown, North apron similar)
(Weir only on South Apron)

MINIMUM BAR LAP

#4 Bar = 2'-11"
#5 Bar = 3'-7"
#6 Bar = 4'-4"
#7 Bar = 5'-0"
#8 Bar = 5'-9"

MODEL: PR Structure Plan View - 4
FILE NAME: X:\BM8-1004 D3 Various Phase I-II Chamlin\BM8-1004A_WO7 66M78 IL 116 over Short Point Creek\7_Drawings\03 Sheets\D366M78-ah-pr_structure.dgn

BLOOM COMPANIES, LLC
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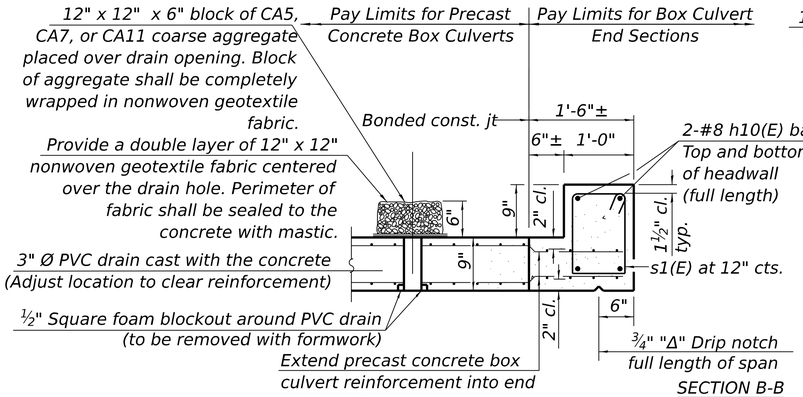
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PLOT SCALE = 0.16666633 ' / in.	CHECKED - RJ	REVISED - _____	
PLOT DATE = 7/31/2026	DATE - 07/31/2026	REVISED - _____	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CAST-IN-PLACE APRON END SECTIONS
STRUCTURE NO. 053-2043

SCALE: NO SCALE | SHEET 4 OF 6 SHEETS | STA. | TO STA.

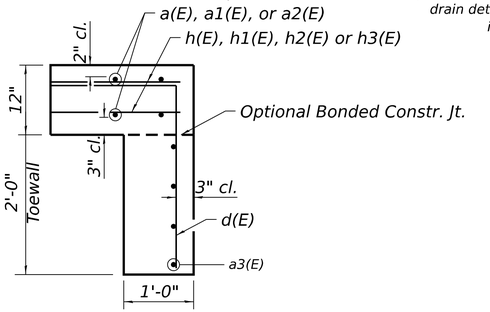
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
673	(111BR) BR	LIVINGSTON	44	30
		CONTRACT NO. 66M78		
	ILLINOIS	FED. AID PROJECT		



SECTION B-B

(Top slab at downstream end)

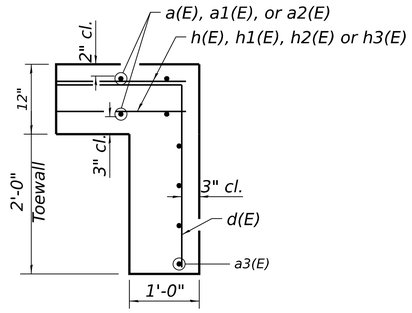
(All costs associated with furnishing and constructing the above drain detail will not be measured for payment but shall be included in the contract unit price for the accociated work.)



SECTION D-D

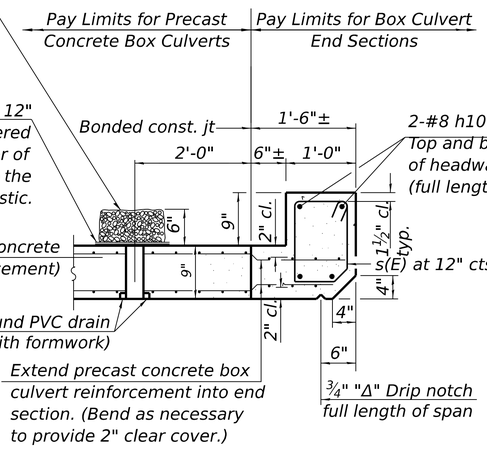
TOEWALL CONSTRUCTION SEQUENCE

1. Perform excavation and construct toewall.
2. Backfill accordingly and prepare bedding for box culvert end sections.
3. Construct remainder of box culvert end section.



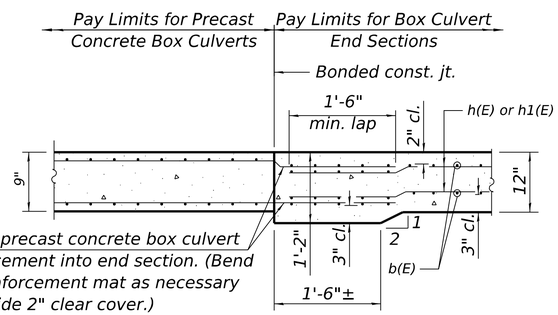
ALT. SECTION D-D

Note:
If soil conditions permit, the toewall may be poured monolithically with the bottom slab of the end section using Alt. Section D-D subject to approval from the Engineer.



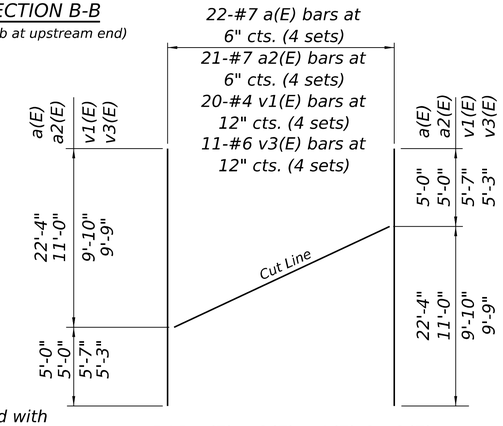
SECTION B-B

(Top slab at upstream end)

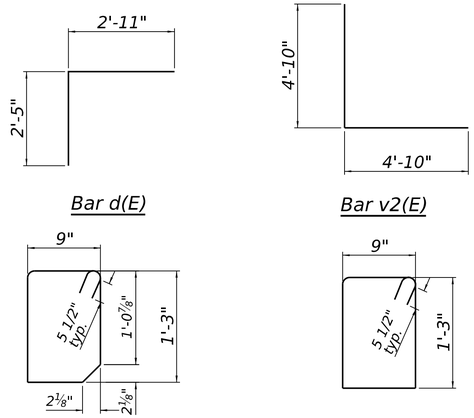


SECTION C-C

(Bottom slab)

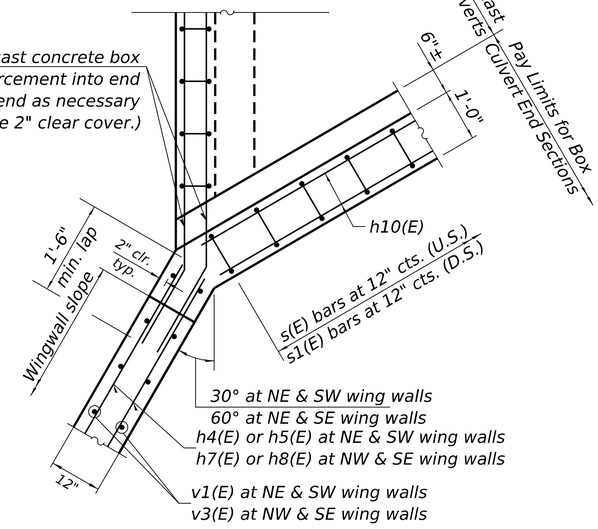


BAR a(E), a2(E), v1(E) & v3(E) CUTTING DIAGRAM

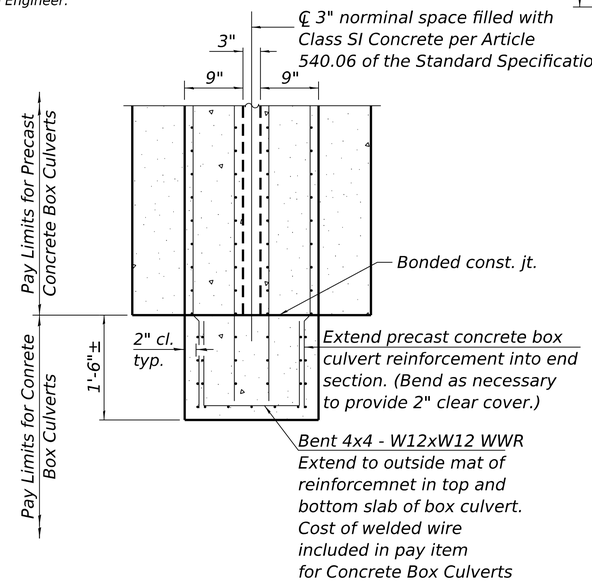


MINIMUM BAR LAP

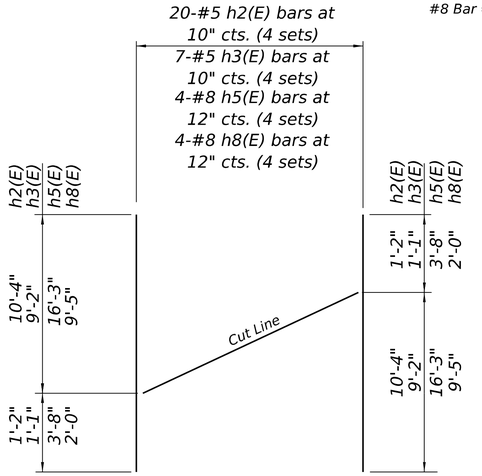
#4 Bar = 2'-11"
#5 Bar = 3'-7"
#6 Bar = 4'-4"
#7 Bar = 5'-0"
#8 Bar = 5'-9"



SECTION E-E



SECTION F-F



BAR h2(E), h3(E), h5(E) & h8(E) CUTTING DIAGRAM

BILL OF MATERIALS - 2 APRONS

Bar	No.	Size	Length	Shape
a(E)	44	#7	27'-4"	
a1(E)	96	#7	24'-7"	
a2(E)	42	#7	16'-0"	
a3(E)	16	#4	26'-11"	
a4(E)	6	#5	30'-3"	
d(E)	96	#4	5'-4"	
d1(E)	6	#4	4'-8"	
h(E)	60	#5	10'-8"	
h1(E)	60	#5	10'-8"	
h2(E)	40	#5	11'-6"	
h3(E)	14	#5	10'-3"	
h4(E)	16	#8	19'-8"	
h5(E)	6	#8	19'-11"	
h6(E)	4	#8	20'-4"	
h7(E)	16	#8	11'-5"	
h8(E)	6	#8	11'-5"	
h9(E)	4	#8	12'-6"	
h10(E)	8	#8	24'-0"	
s(E)	25	#5	4'-10"	
s1(E)	25	#5	4'-11"	
v(E)	62	#4	2'-7"	
v1(E)	40	#6	15'-5"	
v2(E)	62	#6	9'-8"	
v3(E)	22	#6	15'-0"	

Item	Unit	Total
Reinforcement Bars, Epoxy Coated	Pound	15,433
Concrete Box Culverts	Cu. Yd.	82

MODEL: PR Structure Plan View - 5
FILE NAME: X:\BM8-1004 D3 Various Phase I\I Chamlin\BM8-1004A_WO7 66M78 IL 116 over Short Point Creek\7_Drawings\03 Sheets\D366M78-sht-pr_structure.dgn

BLOOM COMPANIES, LLC
Infrastructure Innovation and Ingenuity
150 N. Wacker Drive, Suite 3200 • Chicago, IL 60606
Phone: (312) 876-0500 Fax: (312) 876-9600

USER NAME = cmercado	DESIGNED - CM	REVISED -	
	DRAWN - CM	REVISED -	
PLOT SCALE = 0.16666633 ' / in.	CHECKED - RJ	REVISED -	
PLOT DATE = 9/2/2025	DATE - 07/31/2026	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CAST-IN-PLACE APRON END SECTION DETAILS
STRUCTURE NO. 053-2043

SCALE: NO SCALE | SHEET 5 OF 6 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
673	(111BR) BR	LIVINGSTON	44	31
		CONTRACT NO. 66M78		
	ILLINOIS	FED. AID PROJECT		

!(E)

Illinois Department of Transportation
Division of Highways
Illinois Department of Transportation

SOIL BORING LOG

Page 1 of 1

Date 12/30/22

ROUTE IL 116 **DESCRIPTION** IL 116 over Short Point Creek, 5.4 mi East of I-39/US 51 **LOGGED BY** Larry Myers

SECTION 111BR **LOCATION** NW 1/4, **SEC.** 30, **TWP.** 28N, **RNG.** 3E, 3rd **PM**, **Latitude** 40.8697, **Longitude** -88.92642

COUNTY Livingston **DRILLING METHOD** Hollow Stem Auger **HAMMER TYPE** CME Automatic

STRUCT. NO. 053-0103 (Exist.)
Station 788+67

BORING NO. B1 (SW Quad.)
Station 789+44
Offset 17.2 ft Lt.
Ground Surface Elev. 717.09 ft

Surface Water Elev. ft
Stream Bed Elev. ft

Groundwater Elev.:
First Encounter Dry ft
Upon Completion Dry ft
After ____ **Hrs.** ft

DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
Augered Shoulder Stone			
714.59			
Stiff to Very Stiff Black Silty Clay Loam Fill with some Gravel Fill Layers	4		
	4 5	2.0 P	30
-5	4		
	5 5	3.5 P	23
710.09			
Stiff Brown, Gray, and Black Silty Clay Loess	3		
	2 3	1.5 P	31
707.59			
Hard Brown and Gray Silty Clay Loam Till	3		
	5 6	4.1 S	19
705.09			
Hard Gray Silty Clay Loam Till	5		
	11 13	7.1 S	15
-15	5		
	7 10	6.1 S	17
	5		
	7 9	5.4 S	18
-20			

DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
	3		
Hard Gray Silty Clay Loam Till *(continued)*	4 6	4.3 B	18
Large Gravel Pieces at 22'	3		
	4 7	4.3 B	22
-25	3		
	4 6	4.0 B	20
	3		
	4 6	4.0 B	20
-30	3		
	5 7	4.1 B	20
-35	4		
680.59	5 8	4.2 B	19
End of Boring			
-40			

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

BBS, form 137 (Rev. 8-99)

Illinois Department of Transportation
Division of Highways
Illinois Department of Transportation

SOIL BORING LOG

Page 1 of 1

Date 12/30/22

ROUTE IL 116 **DESCRIPTION** IL 116 over Short Point Creek, 5.4 mi East of I-39/US 51 **LOGGED BY** Larry Myers

SECTION 111BR **LOCATION** SW 1/4, **SEC.** 19, **TWP.** 28N, **RNG.** 3E, 3rd **PM**, **Latitude** 40.8698, **Longitude** -88.92605

COUNTY Livingston **DRILLING METHOD** Hollow Stem Auger **HAMMER TYPE** CME Automatic

STRUCT. NO. 053-0103 (Exist.)
Station 788+67

BORING NO. B2 (NE Quad.)
Station 788+42
Offset 17.4 ft Rt.
Ground Surface Elev. 717.19 ft

Surface Water Elev. ft
Stream Bed Elev. ft

Groundwater Elev.:
First Encounter Dry ft
Upon Completion 695.2 ft ▽
After ____ **Hrs.** ft

DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
Augered Shoulder Stone, Black Silty Clay Loam Fill			
714.69			
Stiff Black Silty Clay Loam Fill with some Fill Gravel Layers	2		
	2 3	1.5 P	35
-5	2		
	3 4	1.8 P	35
710.19			
Stiff to Medium Gray, Brown, and Black Silty Clay Loess	2		
	3 4	2.0 P	23
-10	2		
	1 2	0.5 P	27
705.19			
Hard Gray and Brown Silty Clay Loam Till	5		
	7 11	6.7 S	20
702.69			
Very Stiff Gray Silty Clay Loam Till	3		
-15			
	5 6	3.9 B	20
	3		
	4 5	3.4 B	21
-20			

DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
	2		
Very Stiff Gray Silty Clay Loam Till *(continued)*	3 5	3.1 B	21
▽			
	2		
	3 6	2.7 B	21
-25	2		
	3 5	2.9 B	23
	3		
	3 4	2.9 B	22
-30	2		
	3 5	2.4 B	21
-35	3		
680.69	5 5	3.1 B	20
End of Boring			
-40			

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

BBS, form 137 (Rev. 8-99)

SOIL BORING 053-0103.GPJ IL_DOT.GDT 1/11/23

MODEL: PR Structure Plan View - 6
FILE NAME: X:\IBM8-1004 D3 Various Phase II\ChamlinIBM8-1004A_WO7 66M78 IL 116 over Short Point Creek\7_Drawings\03 Sheets\D366M78-sht-pr_structure.dgn

BLOOM COMPANIES, LLC
Infrastructure Dreamers and Engineers
150 N. Wacker Drive, Suite 1200 ★ Chicago, IL 60606
Phone: (312) 879-0500 Fax: (312) 879-0600

USER NAME = cmercado	DESIGNED - CM	REVISED - _____	
	DRAWN - CM	REVISED - _____	
PLOT SCALE = 0.16666633 ' / in.	CHECKED - RJ	REVISED - _____	
PLOT DATE = 7/30/2026	DATE - 07/31/2026	REVISED - _____	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

BORING LOGS
STRUCTURE NO. 053-2043

SCALE: NO SCALE | SHEET 6 OF 6 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
673	(111BR) BR	LIVINGSTON	44	32
		CONTRACT NO. 66M78		
	ILLINOIS	FED. AID PROJECT		

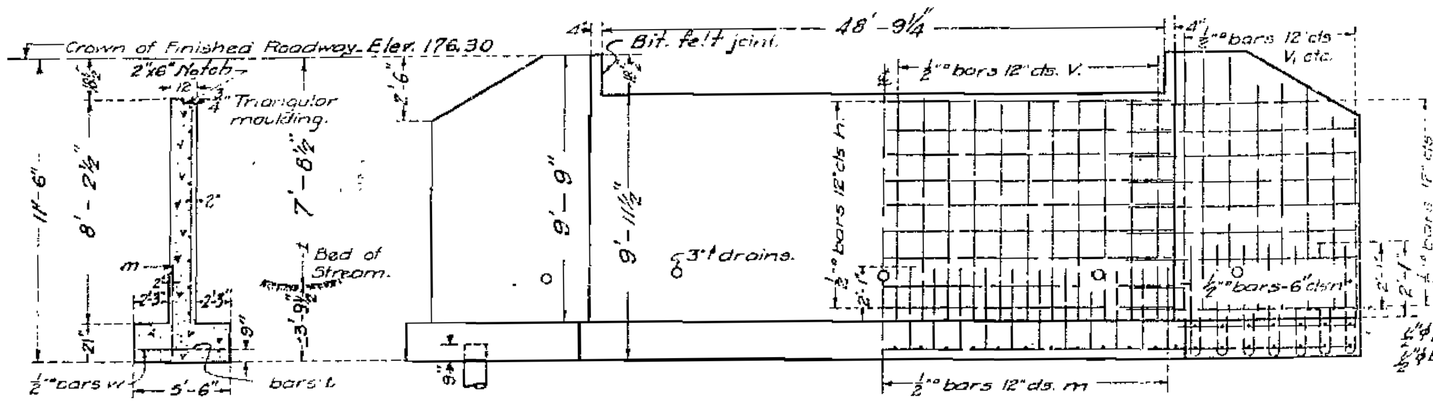
Existing Structure - I-Beam Span, 16 Ft. Span, 14 Ft. Roadway, to be removed by Contractor.
B.M. No. 30 - N. & W. in sledge Lt. Sta. 791+70
Elev. 174.64

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

BOND ISSUE ROUTE NO.	COUNTY	SEC.	TOTAL SHEETS	SHEET NO.
116	Woodford Livingston	111-B	41	38

Sheet No 2
3 Sheets.

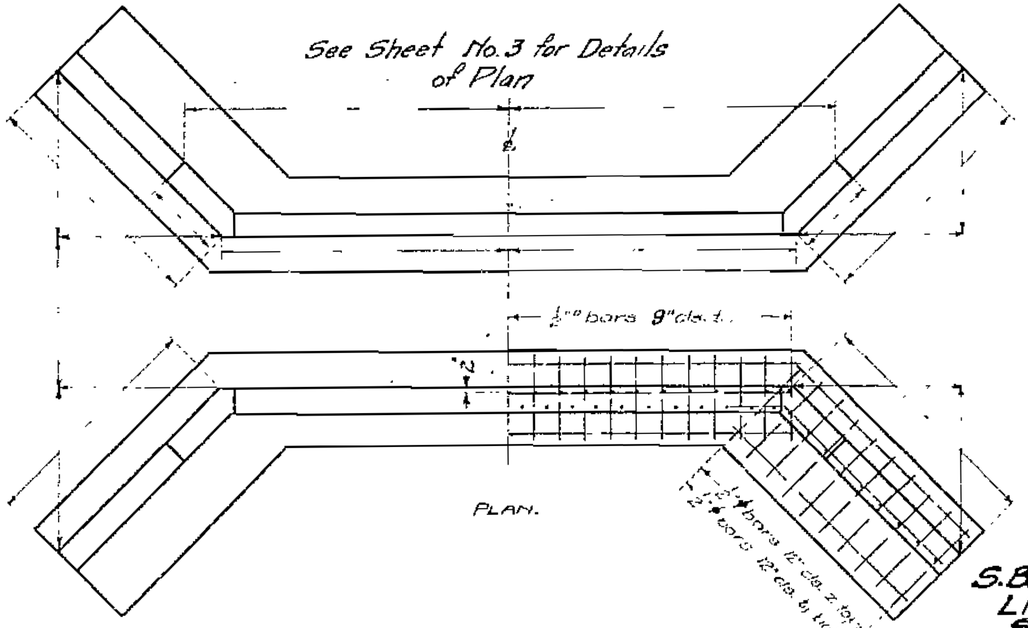
R.C. ABUTMENTS FOR SLAB BRIDGE
HEIGHT OVER ALL 11 FEET - 6 IN.



SECTION OF ABUTMENT. SHOWING OUTLINES. ELEVATION. SHOWING REINFORCEMENT. END OF WING

Long Wing - 5V$_1$ - 6V$_2$ - 8h$_1$
4W$_1$ - 22n - 14z - 14-t$_1$
Short Wing - 3V$_1$ - 3V$_2$ - 8h$_2$
4W$_2$ - 12n - 8z - 8-t$_1$

Class A concrete shall be used throughout
Proportions: 1:9½:4.
All reinforcing steel shall be securely wired in place before concrete is poured



BILL OF MATERIAL.

Bars	No	Size	Length
V$_1$	98	½"ø	8'-0"
V$_1$	16	½"ø	9'-0"
V$_2$	18	½"ø	7'-6"
W$_2$	8	½"ø	7'-6"
h	32	½"ø	25'-6"
n$_1$	16	½"ø	13'-0"
h$_2$	16	½"ø	7'-2"
t	132	½"ø	5'-3"
t$_1$	44	½"ø	5'-3"
z	44	½"ø	5'-3"
w	8	½"ø	25'-6"
W$_1$	8	½"ø	12'-6"
m	98	½"ø	3'-0"
n	68	½"ø	4'-3
Reinforcing Steel-Lbs			3580
Concrete Cu. Yds.			88.4

STANDARD	COMPUTED -	H. F. Smith
	CHECKED -	E. D. Arnold
	DRAWN -	H.F.S.
	CHECKED -	E.D.A.
SPECIAL	ASSEMBLED -	H. F. Smith
	CHECKED -	M. G. Peters

EXAMINED May 24, 1928
H. T. Burdon
DIVISION ENGINEER
APPROVED A. J. Turner
ENGINEER OF DESIGN
Ralph H. Burdick
CHIEF HIGHWAY ENGINEER

S.B.I.RTE 116 SEC. 111-B
LIVINGSTON COUNTY
STATION 788+67

977

FOR INFORMATION ONLY

MODEL: EX_STR_Plan 1 [Sheet]
FILE NAME: X:\BM8-1004 D3 Various Phase I-II Chamlin\BM8-1004A_WO7 66M78 IL 116 over Short Point Creek\7_Drawings\03 Sheets\D366M78-sht-ex_structure.dgn

BLOOM COMPANIES, LLC
Infrastructure Innovation and Ingenuity
150 N. Wacker Drive, Suite 1200 • Chicago, IL 60606
Phone: (312) 876-9000 Fax: (312) 876-9000

USER NAME = cmercado	DESIGNED - CM	REVISED - ____	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EXISTING STRUCTURE PLANS STRUCTURE NO. 053-0103	
	DRAWN - CM	REVISED - ____			
PLOT SCALE = 0.16666633 ' / In.	CHECKED - TB	REVISED - ____		SCALE: NO SCALE	SHEET 1 OF 3 SHEETS STA. TO STA.
PLOT DATE = 7/31/2026	DATE - 07/31/2026	REVISED - ____			

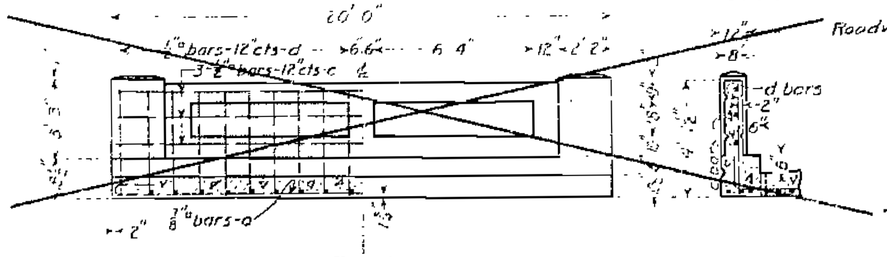
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
673	(111BR) BR	LIVINGSTON	44	33
		CONTRACT NO. 66M78		
	ILLINOIS	FED. AID PROJECT		

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

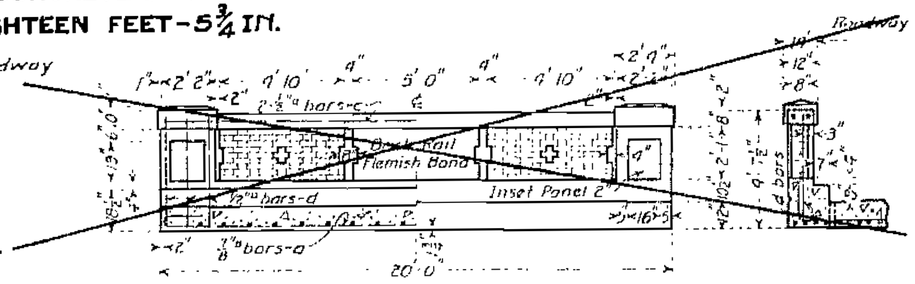
BOND ISSUE ROUTE NO.	COUNTY	SEC.	TOTAL SHEETS	SHEET NO.
116	Woodford Livingston	111B	44	38

Sheet No 1 35 Sheets

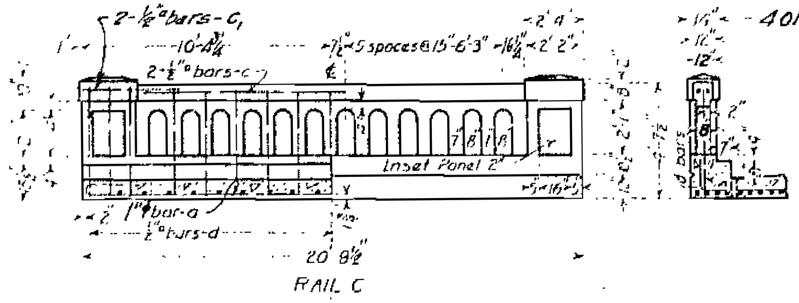
REINFORCED CONCRETE SLAB
SPAN - EIGHTEEN FEET - 5¾ IN.



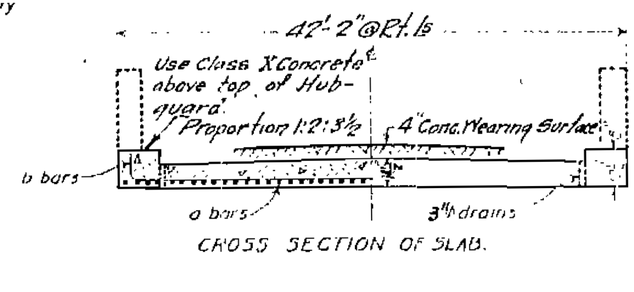
RAIL A



RAIL B.

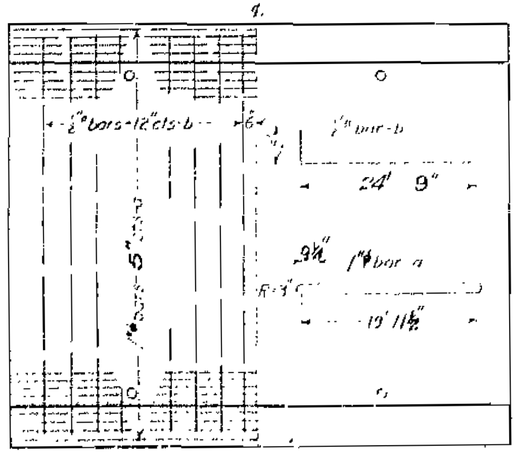


RAIL C



CROSS SECTION OF SLAB.

9.



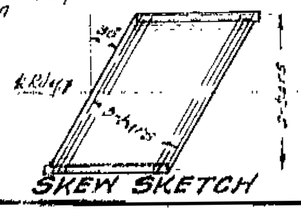
PLAN

BILL OF MATERIAL

	16 FT ROADWAY				18 FT ROADWAY				20 FT ROADWAY				24 FT. ROADWAY				40 FT ROADWAY.			
	Bars	No	Size	Length	Bars	No	Size	Length	Bars	No	Size	Length	Bars	No	Size	Length	Bars	No	Size	Length
RAIL A	a	99	7/8"ø	22'-0"	a	80	7/8"ø	22'-0"	a	55	7/8"ø	22'-0"	a	65	7/8"ø	22'-0"	a	81	7/8"ø	22'-0"
	b	18	½"ø	19'-6"	b	18	½"ø	21'-6"	b	18	½"ø	23'-6"	b	36	½"ø	15'-0"	b	36	½"ø	18'-0"
	c	6	½"ø	19'-6"	c	6	½"ø	19'-6"	c	6	½"ø	19'-6"	c	6	½"ø	19'-6"	c	6	½"ø	19'-6"
	d	90	½"ø	4'-3"	d	90	½"ø	4'-3"	d	90	½"ø	4'-3"	J	90	½"ø	4'-3"	d	90	½"ø	4'-3"
	Steel Lbs		3120		Steel Lbs		3440		Steel Lbs		3750		Steel Lbs		4420		Steel Lbs		5430	
	Concrete Cu Yds		17.7		Concrete Cu Yds		19.2		Concrete Cu Yds		20.6		Concrete Cu Yds		23.5		Concrete Cu Yds		27.9	
RAIL B	a	99	⅞"ø	22'-0"	a	80	⅞"ø	22'-0"	a	55	⅞"ø	22'-0"	a	65	⅞"ø	22'-0"	a	81	⅞"ø	22'-0"
	b	18	½"ø	19'-6"	b	18	½"ø	21'-6"	b	18	½"ø	23'-6"	b	36	½"ø	15'-0"	b	36	½"ø	18'-0"
	c	9	½"ø	19'-6"	c	9	½"ø	19'-6"	c	9	½"ø	19'-6"	c	9	½"ø	19'-6"	c	9	½"ø	19'-6"
	d	12	½"ø	4'-3"	d	12	½"ø	4'-3"	d	12	½"ø	4'-3"	d	12	½"ø	4'-3"	d	12	½"ø	4'-3"
	Steel Lbs		2980		Steel Lbs		3300		Steel Lbs		3620		Steel Lbs		4290		Steel Lbs		5300	
	Concrete Cu Yds		16.7		Concrete Cu Yds		18.1		Concrete Cu Yds		19.6		Concrete Cu Yds		22.5		Concrete Cu Yds		26.8	
	Brick Rail Cu Yds		1.9		Brick Rail Cu Yds		1.9		Brick Rail Cu Yds		1.9		Brick Rail Cu Yds		1.9					
RAIL C	a	99	⅞"ø	22'-0"	a	80	⅞"ø	22'-0"	a	55	⅞"ø	22'-0"	a	65	⅞"ø	22'-0"	a	81	⅞"ø	22'-0"
	b	18	½"ø	19'-6"	b	18	½"ø	21'-6"	b	18	½"ø	23'-6"	b	36	½"ø	15'-0"	b	36	½"ø	18'-0"
	c	9	½"ø	19'-6"	c	9	½"ø	19'-6"	c	9	½"ø	19'-6"	c	9	½"ø	19'-6"	c	9	½"ø	19'-6"
	d	30	½"ø	4'-3"	d	30	½"ø	4'-3"	d	30	½"ø	4'-3"	d	34	½"ø	4'-3"	d	34	½"ø	4'-3"
	Steel Lbs		3060		Steel Lbs		3380		Steel Lbs		3700		Steel Lbs		4370		Steel Lbs		7120	
	Concrete Cu Yds		17.6		Concrete Cu Yds		19.1		Concrete Cu Yds		20.7		Concrete Cu Yds		23.0		Concrete Cu Yds		35.0	
																	Concrete Cu Yds "X"			3.3
																	1 Name Plate			

Conc. X concrete to be used below top of hubguard
Proportions 1:2:4

USE RAIL C, 40 FT ROADWAY.



SKEW SKETCH

DESIGNED	Walter A Zapf
CHECKED	J. H. Bay
DRAWN	W. S. Nelson
TRACED	A. F. Ford
ASSEMBLED	Dan Sackett
CHECKED	Wm. G. Peter

APPROVED May 24, 1929
R. F. Smith
DIRECTOR OF PUBLIC WORKS & BUILDINGS
PASSED
ENGINEER OF HIGHWAYS
CHIEF HIGHWAY ENGINEER

S.B.I. RTE. 116 SEC. 111-B
LIVINGSTON COUNTY
STATION 788+67

903

FOR INFORMATION ONLY

MODEL: EX_STR_Plan 2 [Sheet]
FILE NAME: X:\BM8-1004 D3 Various Phase I-II Chamlin\BM8-1004A_WO7 66M78 IL 116 over Short Point Creek\7_Drawings\03 Sheets\D366M78-sht-ex_structure.dgn

BLOOM COMPANIES, LLC
Infrastructure Innovation and Ingenuity
150 N. Wacker Drive, Suite 1200 • Chicago, IL 60606
Phone: (312) 876-0500 Fax: (312) 876-9600

USER NAME = cmercado	DESIGNED - CM	REVISED -	
	DRAWN - CM	REVISED -	
PLOT SCALE = 0.16666633 ' / in.	CHECKED - TB	REVISED -	
PLOT DATE = 7/31/2026	DATE - 07/31/2026	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING STRUCTURE PLANS
STRUCTURE NO. 053-0103

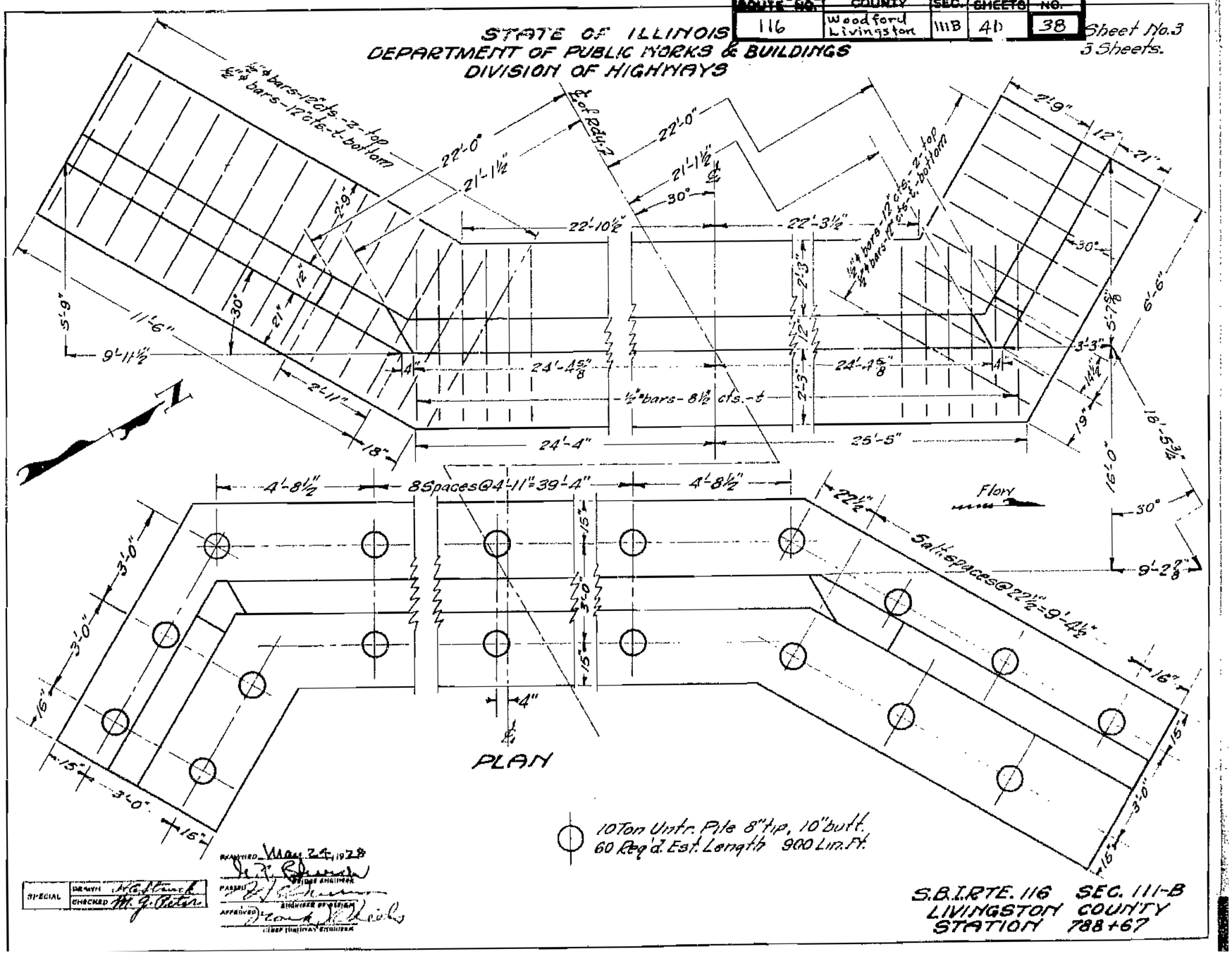
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
673	(111BR) BR	LIVINGSTON	44	34
		CONTRACT NO. 66M78		
	ILLINOIS FED. AID PROJECT			

BOND ISSUE ROUTE NO.	COUNTY	SEC.	TOTAL SHEETS	SHEET NO.
116	Woodford Livingston	111B	41	38

Sheet No.3
5 Sheets.

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



SPECIAL
DRAWN A. Gutierrez
CHECKED M. J. Peters

SUBMITTED May 24, 1928
BRIDGE ENGINEER
PASSED
ENGINEER OF DESIGN
APPROVED
CHIEF HIGHWAY ENGINEER

S.B.I. RTE. 116 SEC. 111-B
LIVINGSTON COUNTY
STATION 788+67

FOR INFORMATION ONLY

MODEL: EX_STR_Plan 3 [Sheet]
FILE NAME: X:\BM8-1004 D3 Various Phase I-II Chamlin\BM8-1004A_WO7 66M78 IL 116 over Short Point Creek\7 Drawings\03 Sheets\D366M78-sh-ex_structure.dgn

BLOOM COMPANIES, LLC
Infrastructure Innovation and Ingenuity
150 N. Wacker Drive, Suite 1200 • Chicago, IL 60606
Phone: (312) 879-9500 Fax: (312) 879-9600

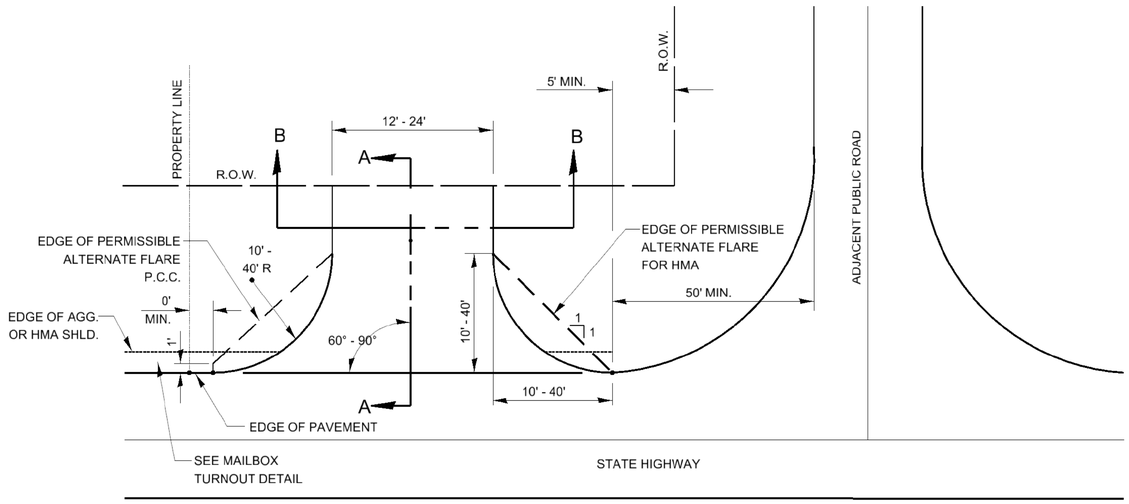
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PLOT DATE = 7/31/2026	DATE - 07/31/2026	REVISED - ____

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

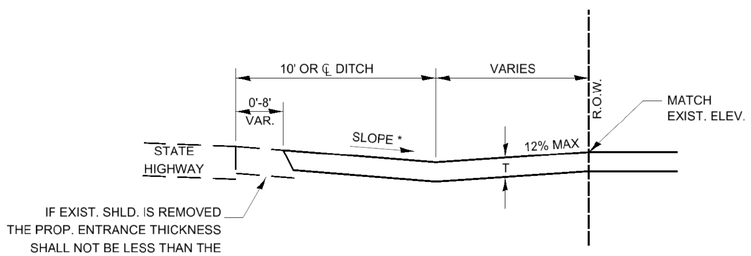
EXISTING STRUCTURE PLANS
STRUCTURE NO. 053-0103

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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
673	(111BR) BR	LIVINGSTON	44	35
		CONTRACT NO. 66M78		
	ILLINOIS	FED. AID PROJECT		



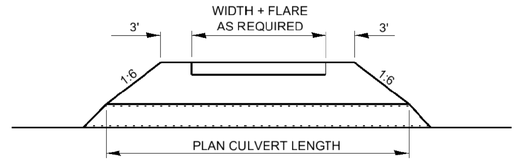
TYPICAL NONCOMMERCIAL - RURAL (PRIVATE ENTRANCE)



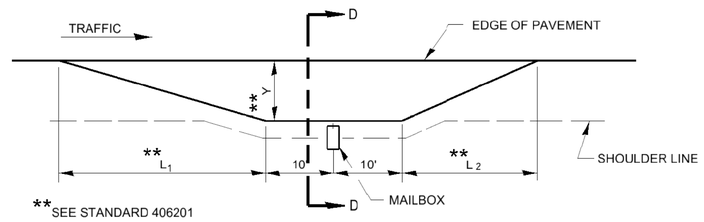
SECTION A-A

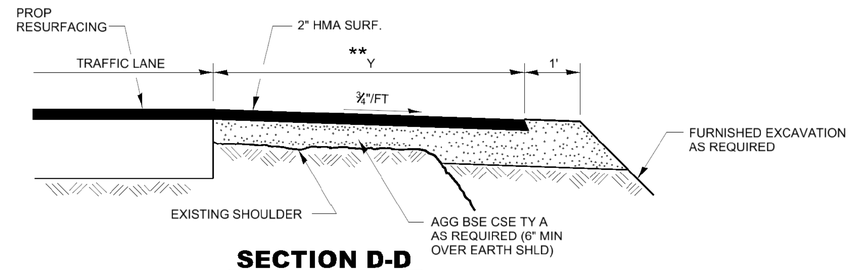
* SLOPE AWAY FROM HIGHWAY SURFACE AT 1.5% MINIMUM TO 8% MAXIMUM FOR A DISTANCE OF 10' OR TO CENTERLINE OF DITCH; 12% MAXIMUM BEYOND TO RIGHT OF WAY LINE, OR AS DETAILED IN THE PLANS.

SEE PLANS FOR PAVEMENT DESIGN (T).



SECTION B-B





SECTION D-D

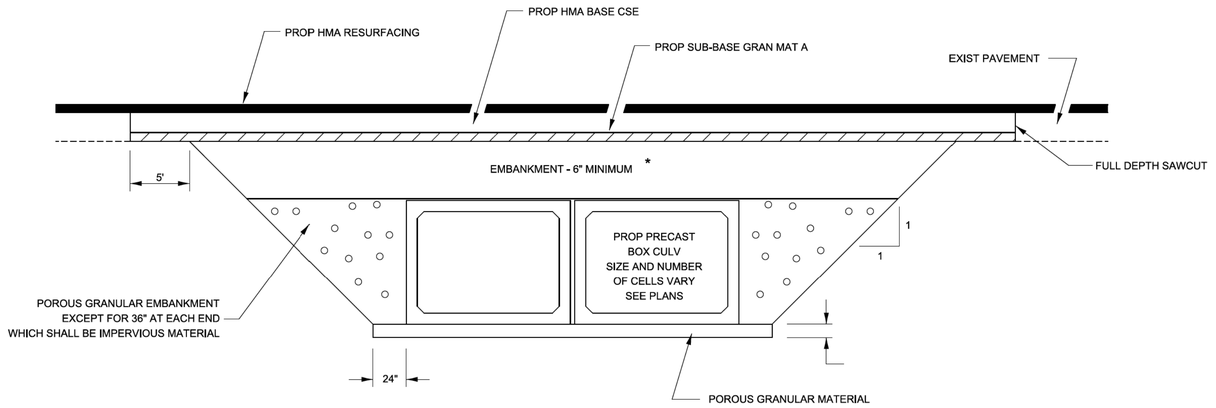
RURAL MAILBOX TURNOUT DETAILS

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BLOOM COMPANIES, LLC
Infrastructure Innovation and Ingenuity
150 N. Wacker Drive, Suite 1200 ● Chicago, IL 60606
Phone: (312) 876-0500 Fax: (312) 876-9600

USER NAME = cmercado	DESIGNED - CM	REVISED - _____	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ROADWAY DETAILS	
	DRAWN - CM	REVISED - _____			
PLOT SCALE = NTS	CHECKED - TB	REVISED - _____		SCALE: NO SCALE	SHEET 1 OF 4 SHEETS STA. TO STA.
PLOT DATE = 7/30/2026	DATE - 07/31/2026	REVISED - _____			

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
673	(111BR) BR	LIVINGSTON	44	36
		CONTRACT NO. 66M78		
	ILLINOIS	FED. AID PROJECT		



SECTION THROUGH PRECAST BOX CULVERT

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Phone: (312) 879-0500 Fax: (312) 879-9002

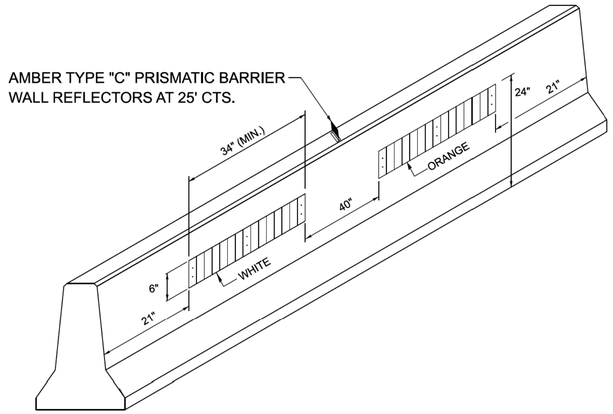
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PLOT DATE = 7/30/2026	DATE - 07/31/2026	REVISED - _____	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

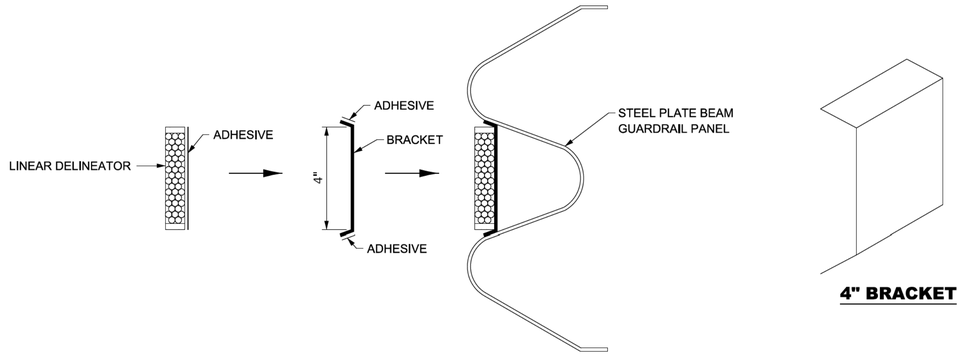
ROADWAY DETAILS

SCALE: NO SCALE | SHEET 2 OF 4 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
673	(111BR) BR	LIVINGSTON	44	37
		CONTRACT NO. 66M78		
	ILLINOIS	FED. AID PROJECT		

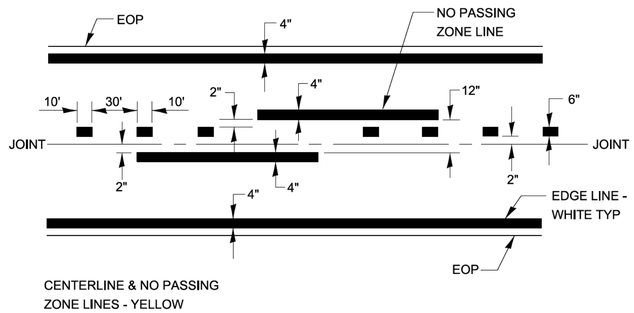


LINEAR DELINEATOR PANELS FOR TEMPORARY CONCRETE BARRIER



LINEAR DELINEATOR APPLICATION TO STANDARD GALVANIZED GUARDRAIL

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



PAVEMENT MARKING

MODEL: D366M78-sht-rdwy_details-3 [Sheet]
FILE NAME: X:\BM8-1004 D3 Various Phase I-II Chamlin\BM8-1004A_WO7 66M78 IL 116 over Short Point Creek\7_Drawings\03 Sheets\D366M78-sht-rdwy_details.dgn

BLOOM COMPANIES, LLC
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150 N. Wacker Drive, Suite 1200 • Chicago, IL 60606
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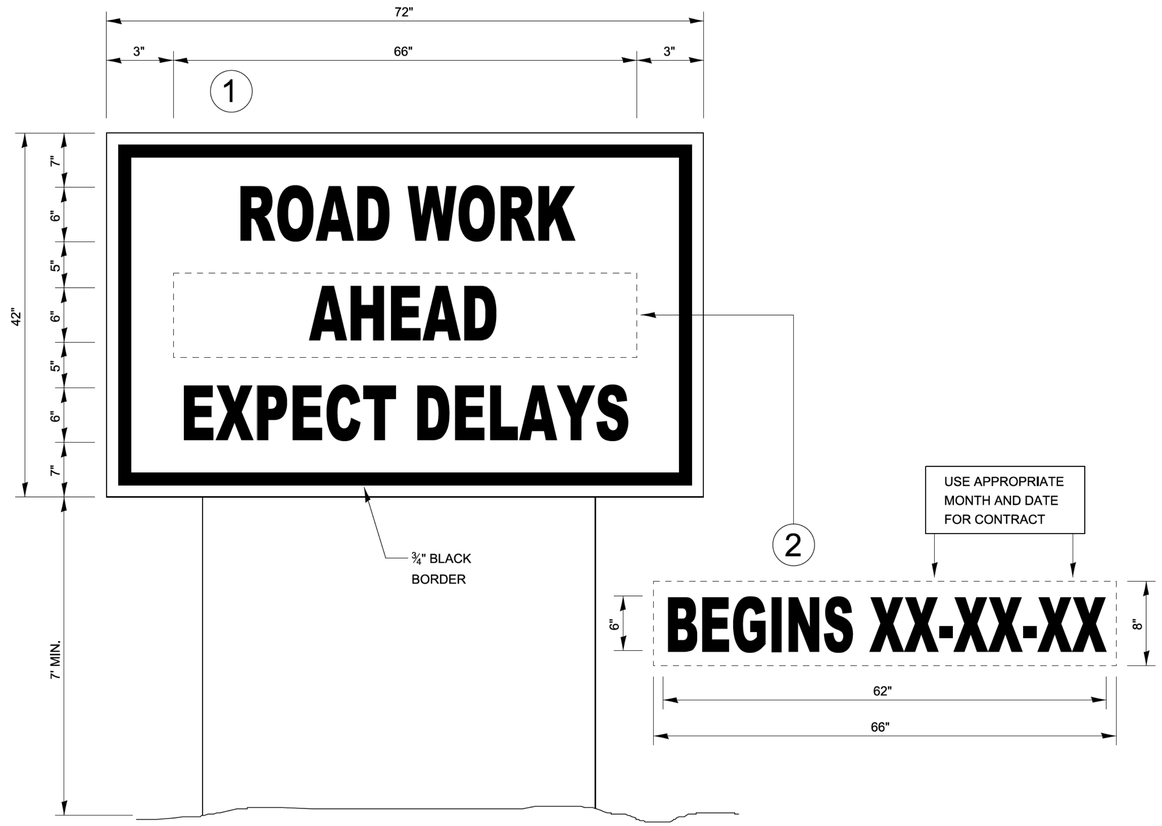
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PLOT DATE = 7/30/2026	DATE - 07/31/2026	REVISED -			

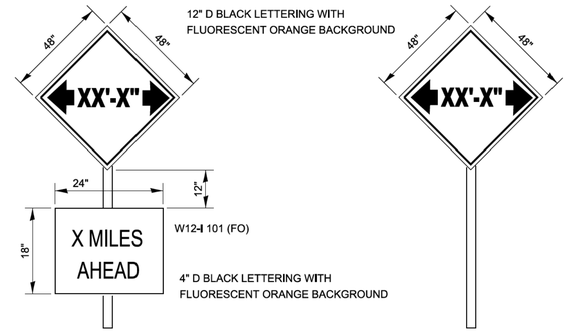
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROADWAY DETAILS

SCALE: NO SCALE | SHEET 3 OF 4 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
673	(111BR) BR	LIVINGSTON	44	38
		CONTRACT NO. 66M78		
	ILLINOIS	FED. AID PROJECT		





TO BE POST MOUNTED AS SHOWN ELSEWHERE IN THE PLANS.

COST OF SUPPLYING, INSTALLING, MAINTAINING AND REMOVING WIDTH RESTRICTION SIGNS SHALL BE INCLUDED IN THE COST OF THE TRAFFIC CONTROL AND PROTECTION PAY ITEMS.

WIDTH RESTRICTION SIGNING DETAILS

TEMPORARY INFORMATION SIGNING

NOTES:

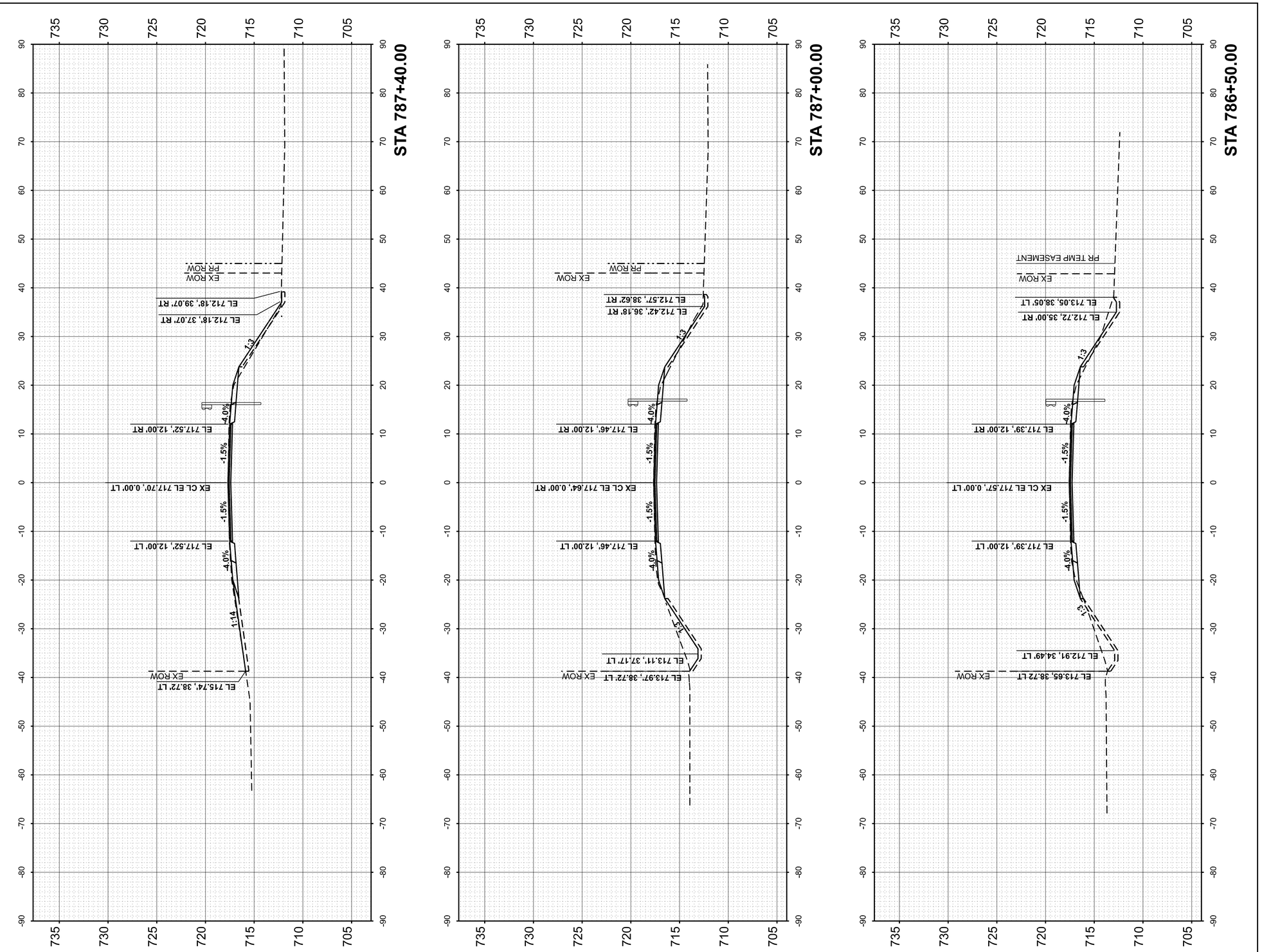
1. USE 6" D BLACK LETTERING ON FLUORESCENT ORANGE BACKGROUND.
2. ERECT SIGNS AT LOCATIONS IN ADVANCE OF THE "ROAD CONSTRUCTION AHEAD" SIGNS AS DIRECTED BY THE ENGINEER.
3. ERECT SIGN①WITH INSTALLED PANEL②A MINIMUM OF ONE WEEK PRIOR TO THE START OF THE LANE CLOSURE.
4. REMOVE PANEL②ON THAT DATE.
5. SEE SPECIAL PROVISION "TEMPORARY INFORMATION SIGNING" FOR ADDITIONAL INFORMATION.
6. WILL BE PAID FOR PER SQ FT AS "TEMPORARY INFORMATION SIGNING". EACH SIGN = 21 SQ FT AND THE DATE PANEL②WILL NOT BE MEASURED SEPARATELY FOR PAYMENT.

BLOOM COMPANIES, LLC
Infrastructure Innovation and Ingenuity
150 N. Wacker Drive, Suite 1200 • Chicago, IL 60606
Phone: (312) 876-9800 Fax: (312) 876-9600

USER NAME = cmercado	DESIGNED - CM	REVISED - _____	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ROADWAY DETAILS	
	DRAWN - CM	REVISED - _____			
PLOT SCALE = NTS	CHECKED - TB	REVISED - _____		SCALE: NO SCALE	SHEET 4 OF 4 SHEETS STA. TO STA.
PLOT DATE = 7/30/2026	DATE - 07/31/2026	REVISED - _____			

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
673	(111BR) BR	LIVINGSTON	44	39
		CONTRACT NO. 66M78		
	ILLINOIS	FED. AID PROJECT		

MODEL: D366M78-sht-rdwy_details-4 [Sheet]
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ORIGINAL SURVEY		BY	DATE
	SURVEYED		
	PLOTTED		
NOTE BOOK	TEMPLATE		
	AREAS		
NO.	AREAS CHECKED		

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

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BLOOM COMPANIES, LLC
Infrastructure Innovation and Ingenuity
150 N. Wacker Drive, Suite 1200 • Chicago, IL 60606
Phones: (312) 876-0000 Fax: (312) 876-0000

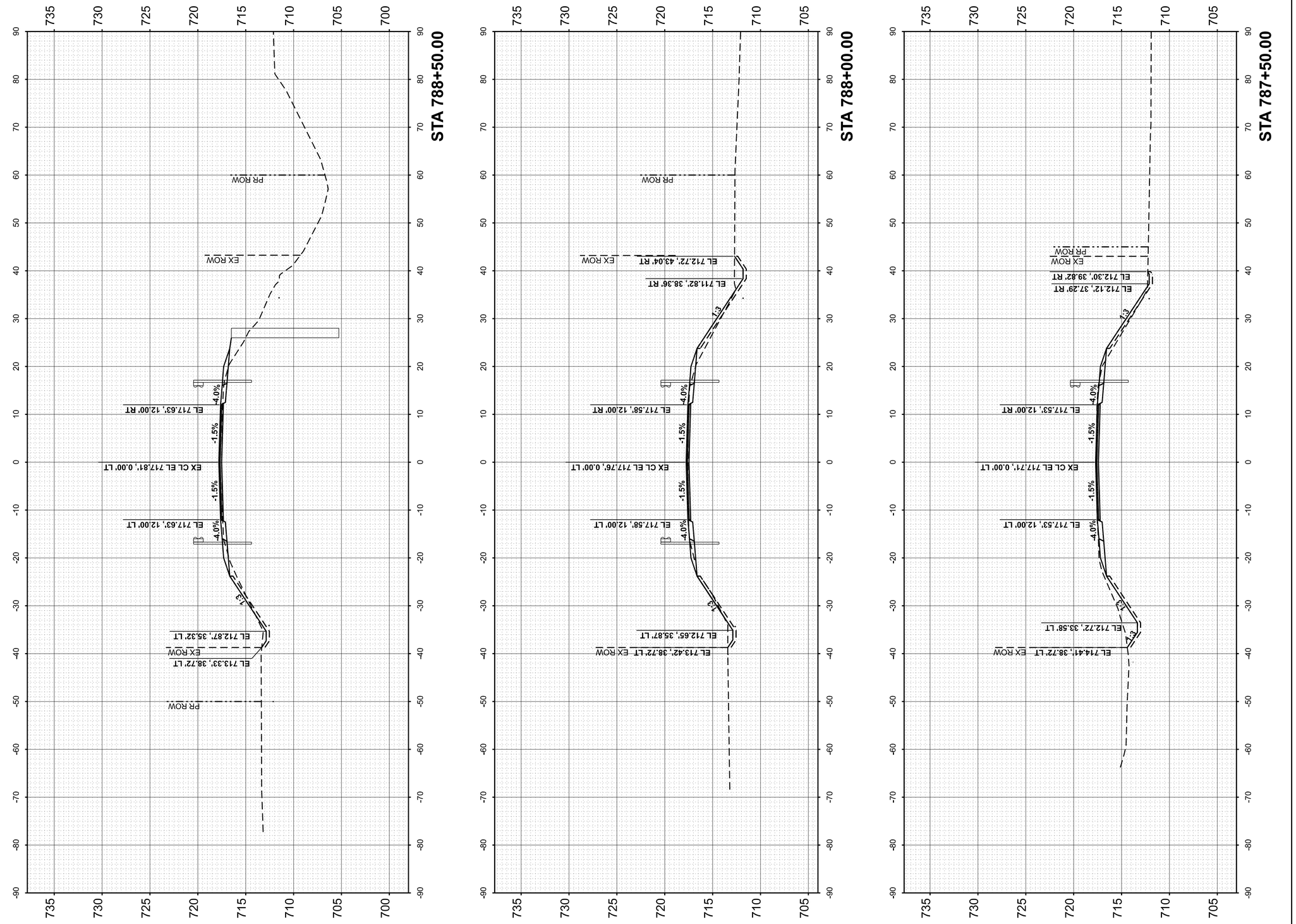
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PLOT DATE	= 7/30/2026	DATE	- 07/31/2026	REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL 116
CROSS SECTIONS

SCALE: 1"=10' | SHEET 1 OF 5 SHEETS | STA. 786+50.00 | TO STA. 787+40.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
673	(111BR) BR	LIVINGSTON	44	40
		CONTRACT NO. 66M78		
	ILLINOIS	FED. AID PROJECT		



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

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

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BLOOM COMPANIES, LLC
Infrastructure, Streamlined and Ingenuity
100 N. Wacker Drive, Suite 1200 • Chicago, IL 60606
Phone: (312) 876-0500 Fax: (312) 876-0600

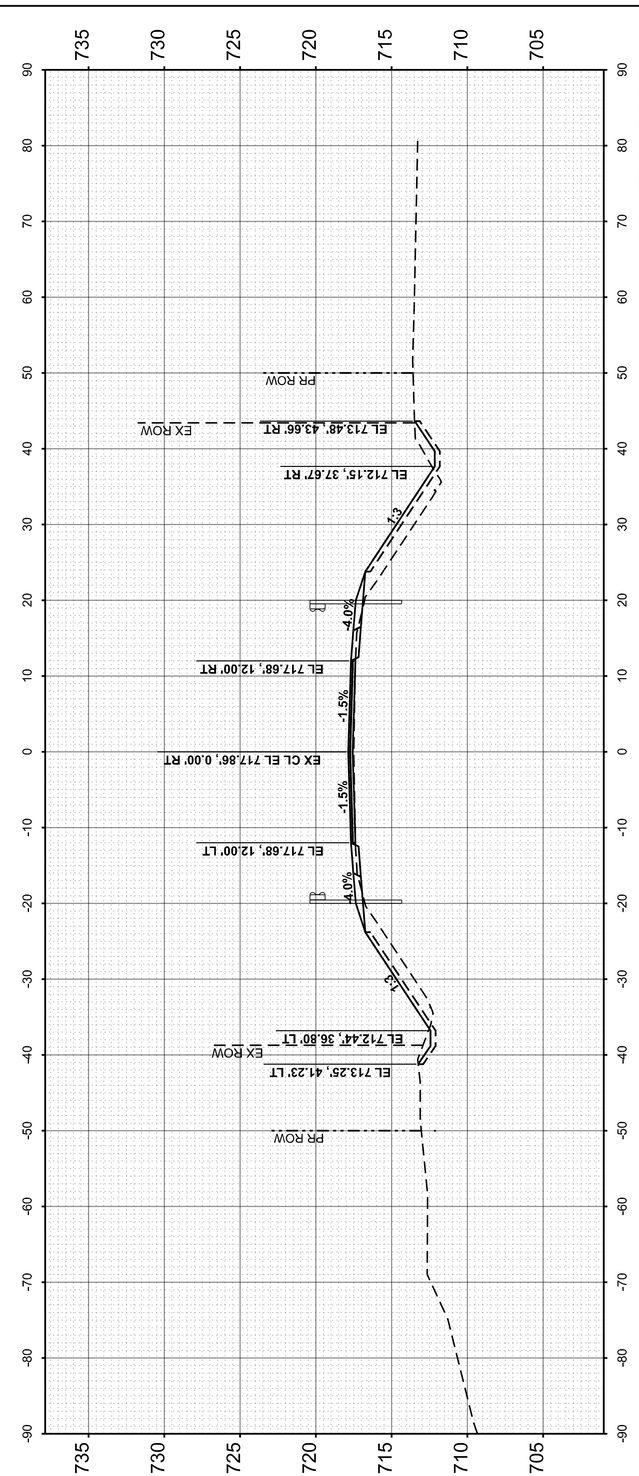
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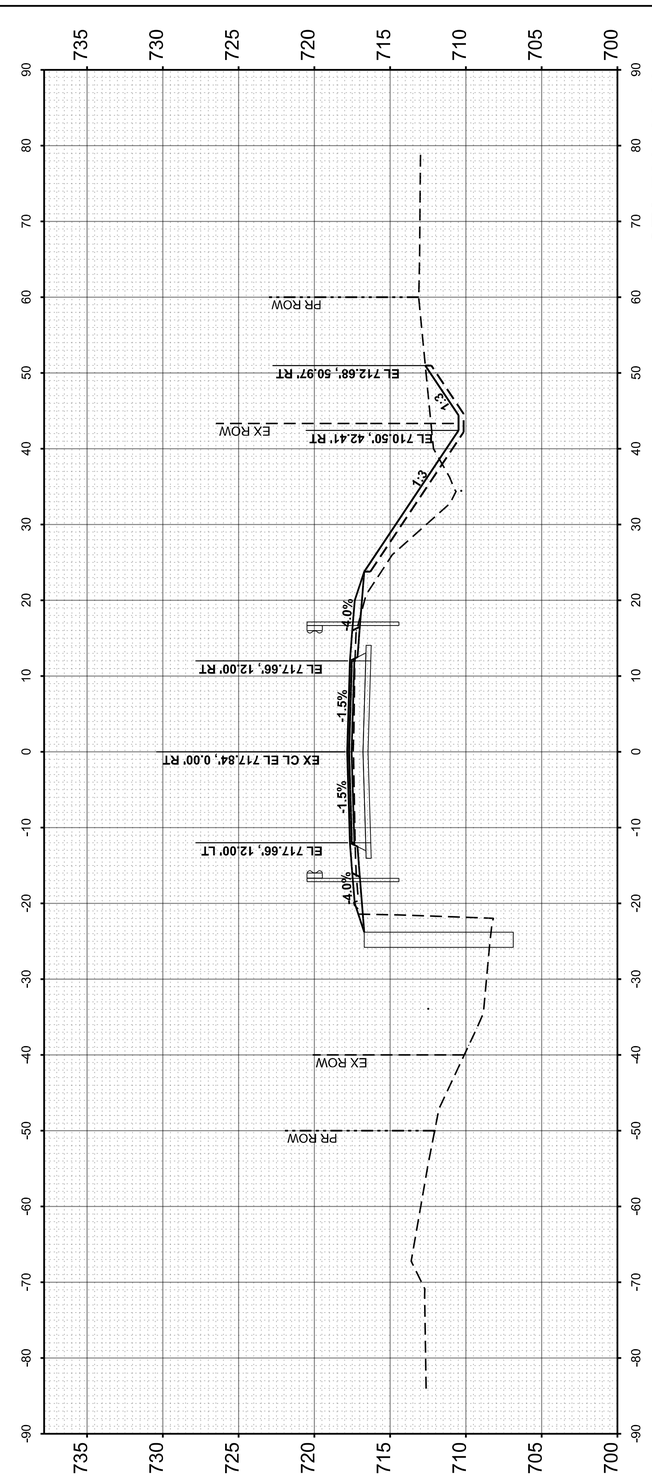
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

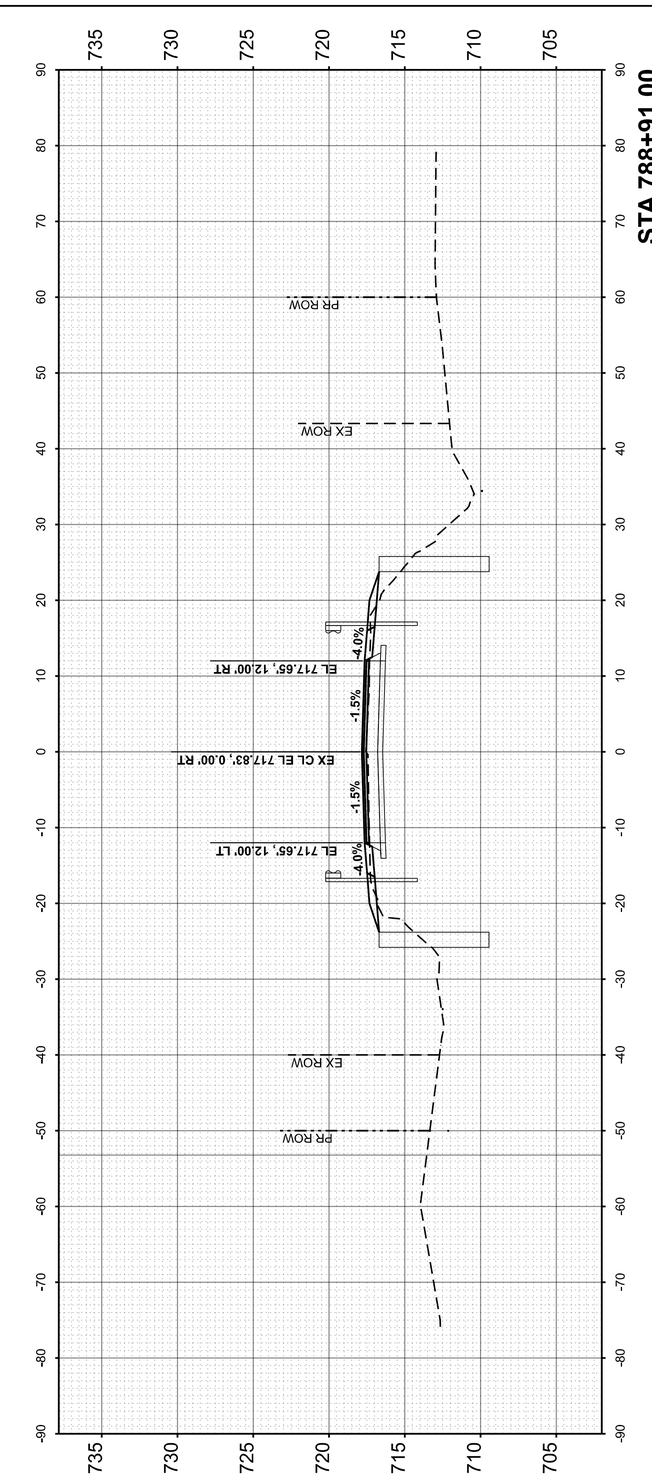
IL 116
CROSS SECTIONS

SCALE: 1"=10' | SHEET 2 OF 5 SHEETS | STA. 787+50.00 | TO STA. 788+50.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
673	(111BR) BR	LIVINGSTON	44	41
		CONTRACT NO. 66M78		
	ILLINOIS	FED. AID PROJECT		







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

ORIGINAL SURVEY		BY	DATE
NOTE BOOK	SURVEYED		
	PLOTTED		
NO.	TEMPLATE		
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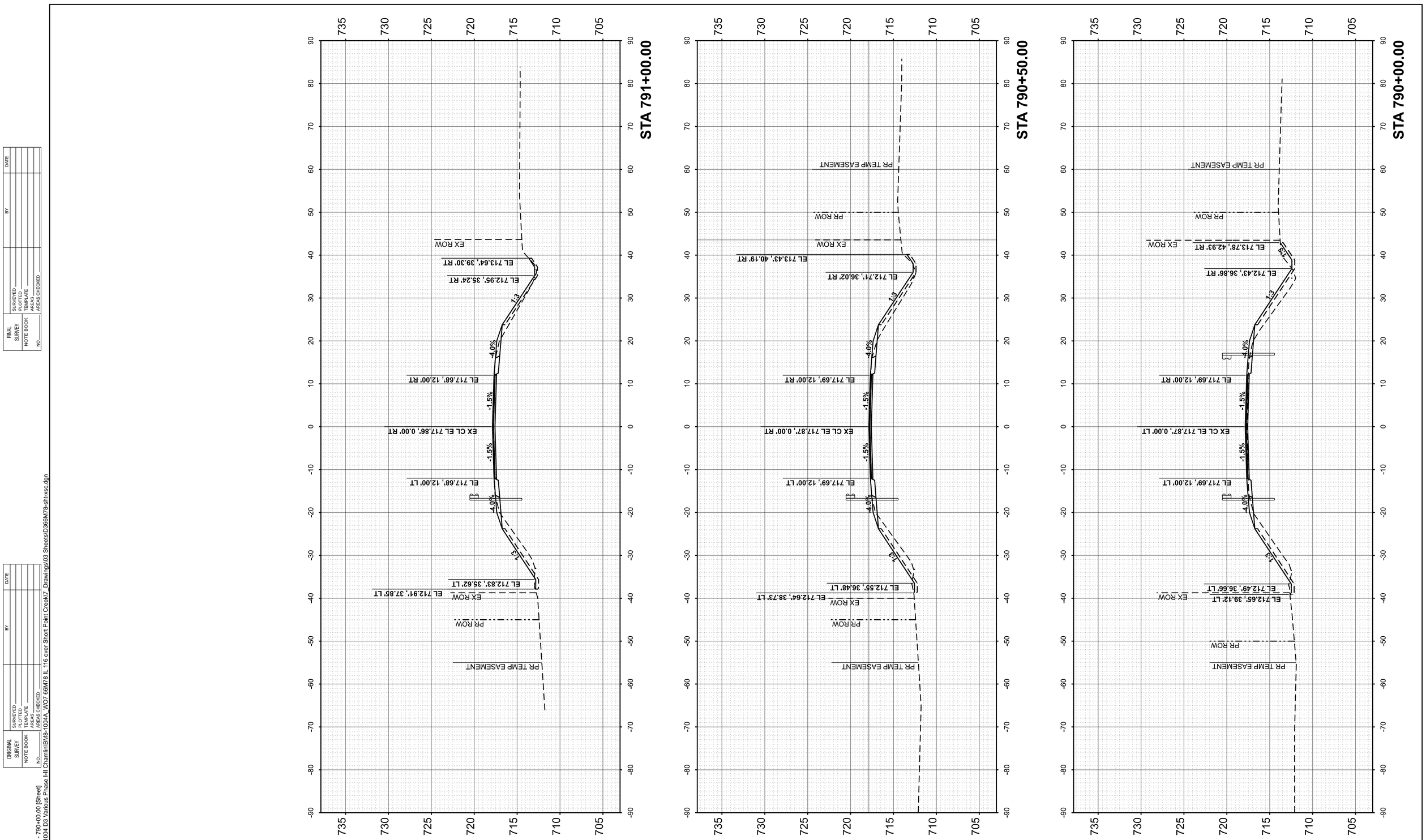
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BLOOM COMPANIES, LLC
Infrastructure Innovation and Ingenuity
150 N. Wacker Drive, Suite 1200 • Chicago, IL 60606
Phone: (312) 879-9300 Fax: (312) 879-9600

USER NAME = cmercado	DESIGNED - CM	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	IL 116 CROSS SECTIONS	
	DRAWN - CM	REVISED -			
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PLOT DATE = 7/30/2026	DATE - 07/31/2026	REVISED -			

SCALE: 1"=10' | SHEET 3 OF 5 SHEETS | STA. 788+91.00 | TO STA. 789+50.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
673	(111BR) BR	LIVINGSTON	44	42
		CONTRACT NO. 66M78		
	ILLINOIS	FED. AID PROJECT		



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

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

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Infrastructure Innovation and Ingenuity
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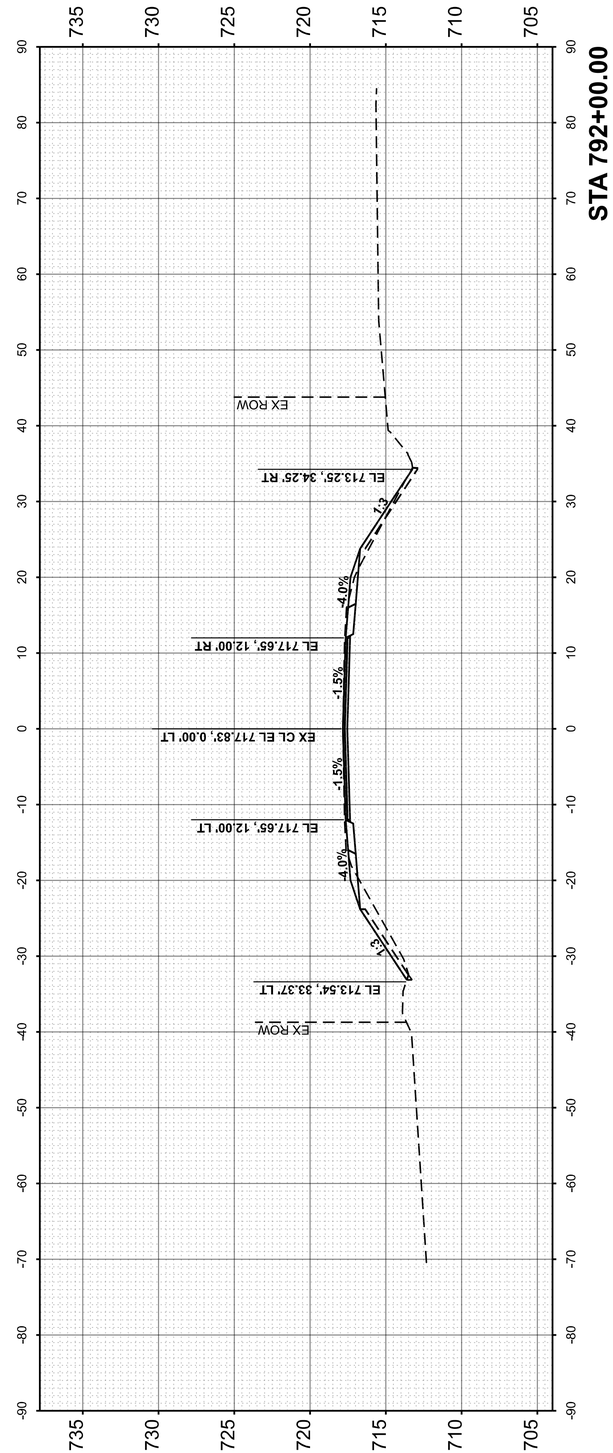
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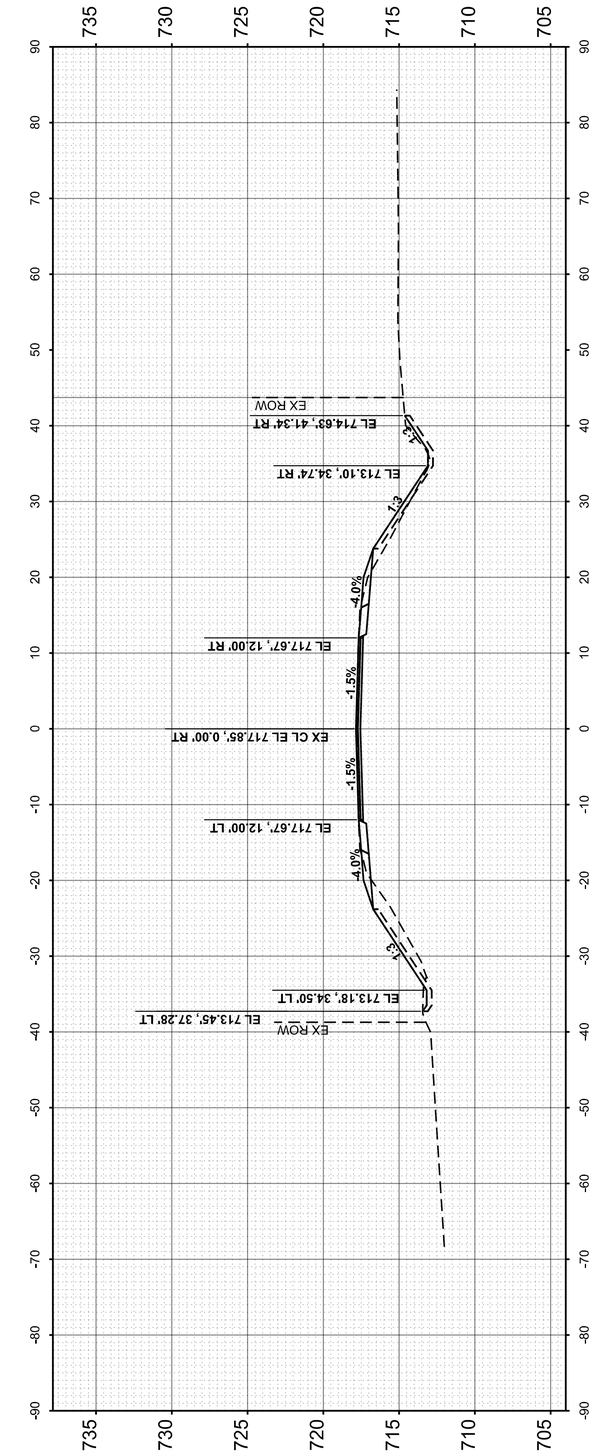
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL 116
CROSS SECTIONS

SCALE: 1"=10' | SHEET 4 OF 5 SHEETS | STA. 790+00.00 | TO STA. 791+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
673	(111BR) BR	LIVINGSTON	44	43
		CONTRACT NO. 66M78		
	ILLINOIS	FED. AID PROJECT		





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

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

MODEL: EXCL_IL116 - 791+50.00 [Sheet]
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USER NAME = cmercado		DESIGNED - CM		REVISED -	
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PLOT SCALE = 0.16666633 ' / in.		CHECKED - TB		REVISED -	
PLOT DATE = 7/30/2026		DATE - 07/31/2026		REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL 116
CROSS SECTIONS

SCALE: 1"=10' | SHEET 5 OF 5 SHEETS | STA. 791+50.00 | TO STA. 792+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
673	(111BR) BR	LIVINGSTON	44	44
		CONTRACT NO. 66M78		
	ILLINOIS	FED. AID PROJECT		