

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	*	MONTGOMERY	192	1
		ILLINOIS	CONTRACT NO. 72G54	

*(68-4RS1-BY, 68-5HB)D, 68-3RS5

INDEX OF SHEETS

SEE SHEET 2 GENERAL NOTES, COMMITMENTS AND MIX DESIGN

STANDARDS (IN PROPOSAL)

SEE SHEET 2 GENERAL NOTES, COMMITMENTS AND MIX DESIGN

**PROPOSED
HIGHWAY PLANS**

**FAI ROUTE 55 (I-55)
SECTION (68-4RS1-BY, 68-5HB)D, 68-3RS5
PROJECT NHPP-HIBR-202X(000)
RESURFACING (INT 3RD), BRIDGE REPAIR
MONTGOMERY COUNTY**



TRAFFIC DATA
ADT = 28,800 (2021)
PV = 20,875 (72.48%)
SU = 925 (3.21%)
MU = 7,000 (24.31%)
FUNCTIONAL CLASS: INTERSTATE

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUBMITTED October 27 2022

[Signature]
REGIONAL ENGINEER

December 9, 2022
[Signature]
ENGINEER OF DESIGN AND ENVIRONMENT

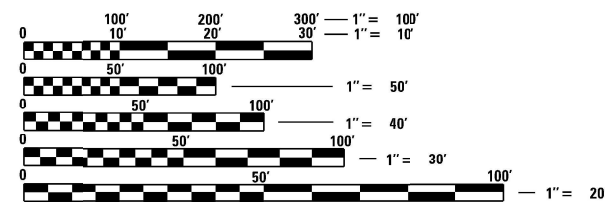
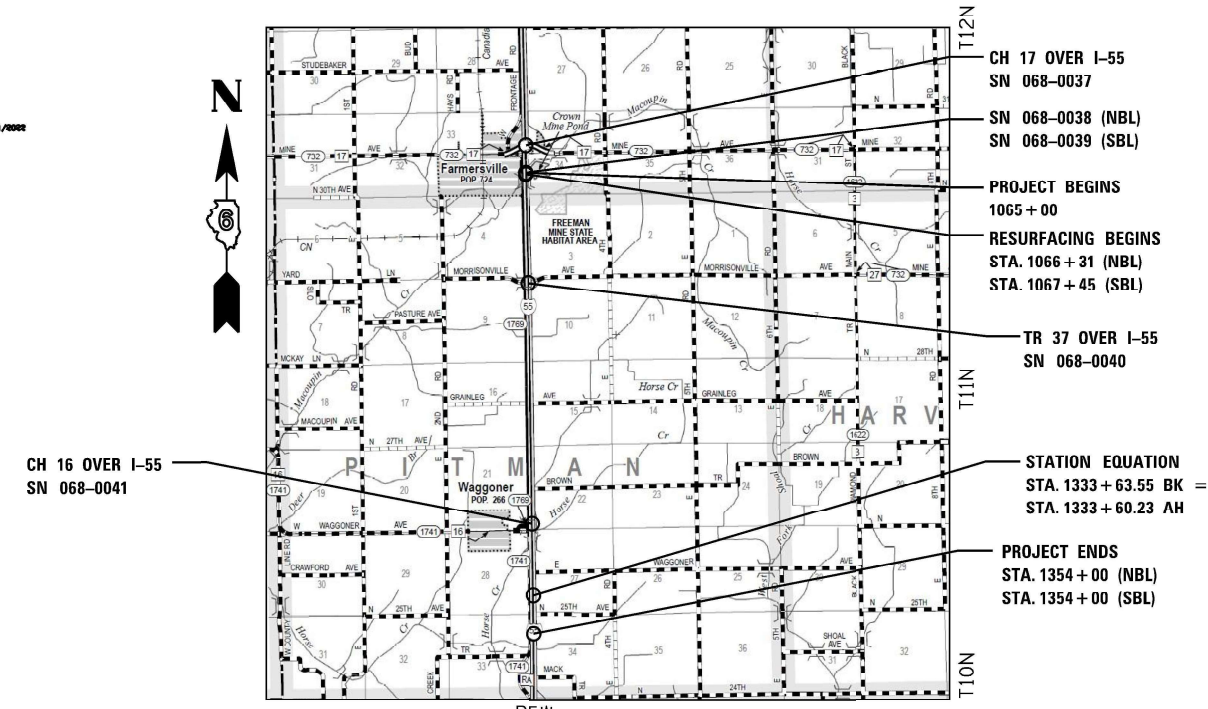
December 9, 2022
[Signature]
DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

[Signature]
Expires 11/30/2023 10/31/2023
1-16, 20-51, 175-178 PAGES

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Expires 11/30/2023 10/31/2023
17-18, 56-57, 80-81, 179, 183-192 PAGES

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Expires 11/30/2023 10/31/2023
19, 52-55, 58-79, 82-83, 180-182 PAGES

C-96-023-14



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



LOCATION MAP

TOTAL LENGTH = 28,772.32 FEET (5.45 MI)
NET LENGTH = 28,772.32 FEET (5.45 MI)

PROJECT ENGINEER: JON KELLEY (217)785-2739
PROJECT MANAGER: ED KERN (217)524-7547



CONTRACT NO. 72G54

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MIX DESIGN INFORMATION

LOCATION:	I-55			T.R. 37 / C.H. 16 / C.H. 17			C.H. 17
MIXTURE USE(S):	MAINLINE DRIVING LANE SMA BINDER	MAINLINE PASSING LANE SMA BINDER	SURFACE COURSE	HMA SHOULDERS / INCIDENTAL HMA SURFACING	SURFACE COURSE	BINDER COURSE	HMA SHOULDERS, 8" HMA BASE COURSE
PG:	SBS PG 76-22	SBS PG 76-22	SBS PG 76-28	PG 64-22	PG 64-22	PG 64-22	PG 64-22
DESIGN AIR VOIDS:	4.0% @ N80	4.0% @ N50	4.0% @ N80	4.0% @ N50	4.0% @ N50	4.0% @ N50	4.0% @ N70
MIXTURE COMPOSITION (GRADATION MIXTURE)	SMA 12.5	SMA 12.5	SMA 9.5	IL 9.5	IL 9.5	IL 9.5 FG	IL-19.0
FRICITION AGGREGATE:	N/A	N/A	MIX "E"	MIX "C"	MIX "C"	N/A	N/A
MIXTURE WEIGHTS	112 LB/SY/IN	112 LB/SY/IN	112 LB/SY/IN	112 LB/SY/IN	112 LB/SY/IN	112 LB/SY/IN	112 LB/SY/IN
QUALITY MANAGEMENT	PFP	PFP	PFP	QC/QA	QC/QA	QC/QA	QC/QA
SUBLOT SIZE	1000 TONS	1000 TONS	1000 TONS	N/A	N/A	N/A	N/A
MTD:	YES	YES	YES	NO	NO	NO	NO

STANDARDS (IN PROPOSAL)

000001-08	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
001001-02	AREAS OF REINFORCEMENT BARS
001006	DECIMAL OF AN INCH AND OF A FOOT
280001-07	TEMPORARY EROSION CONTROL SYSTEMS
420406	PAVEMENT CONNECTOR (HMA) FOR BRIDGE APPROACH SLAB
442001-04	CLASS A PATCHES
482001-02	HMA SHOULDER ADJACENT TO FLEXIBLE PAVEMENT
515001-04	NAME PLATE FOR BRIDGES
542001-06	CONCRETE END SECTIONS FOR PIPE CULVERTS 15" (375 MM) THRU 84" (2100 MM) DIAMETER
542301-03	PRECAST REINFORCED CONCRETE FLARED END SECTION
606301-04	PC CONCRETE ISLANDS AND MEDIANS
630001-12	STEEL PLATE BEAM GUARDRAIL
630301-09	SHOULDER WIDENING FOR TYPE 1(SPECIAL) GUARDRAIL TERMINALS
631011-10	TRAFFIC BARRIER TERMINAL, TYPE 2
631031-18	TRAFFIC BARRIER TERMINAL, TYPE 6
635001-02	DELINEATORS
642001-03	SHOULDER RUMBLE STRIPS, 16 IN.
701001-02	OFF-ROAD OPERATIONS, 2L, 2W, MORE THAN 15' (4.5 M) AWAY
701006-05	OFF-ROAD OPERATIONS, 2L, 2W, 15' (4.5 M) TO 24" (600 MM) FROM PAVEMENT EDGE
701011-04	OFF-ROAD MOVING OPERATIONS, 2L, 2W, DAY ONLY
701101-05	OFF-ROAD OPERATIONS, MULTILANE, 15' (4.5 M) TO 24" (600 MM) FROM PAVEMENT EDGE
701106-02	OFF-ROAD OPERATIONS, MULTILANE, MORE THAN 15' (4.5 M) AWAY
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
701400-11	APPROACH TO LANE CLOSURE, FREEWAY/EXPRESSWAY
701401-13	LANE CLOSURE, FREEWAY/EXPRESSWAY
701411-09	LANE CLOSURE, MULTILANE, AT ENTRANCE OR EXIT RAMP, FOR SPEEDS > 45 MPH
701426-09	LANE CLOSURE, MULTILANE, INTERMITTENT OR MOVING OPERATION, FOR SPEEDS > 45 MPH
701428-01	TRAFFIC CONTROL, SETUP AND REMOVAL, FREEWAY/EXPRESSWAY
701451-05	RAMP CLOSURE FREEWAY/EXPRESSWAY
701901-08	TRAFFIC CONTROL DEVICES
720006-04	SIGN PANEL ERECTION DETAILS
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
BLR 21-9	TYPICAL APPLICATION OF TRAFFIC CONTROL DEVICES FOR CONSTRUCTION ON RURAL LOCAL HIGHWAYS

GENERAL NOTES

- UNLESS NOTED OTHERWISE, STATIONS AND OFFSETS REFER TO CENTERLINE OF PROJECT.
- RAISED REFLECTIVE PAVEMENT MARKERS INSTALLED INTO THE ORIGINAL CONCRETE PAVEMENT MAY NOT HAVE BEEN REMOVED WHEN THE PAVEMENT WAS RESURFACED. ANY MARKERS FOUND IN THE ORIGINAL CONCRETE WILL BE REMOVED AND PAID FOR AS RAISED REFLECTIVE PAVEMENT MARKER REMOVAL.
- REMOVED GUARDRAIL THAT IS NOT REPLACED ON THE SAME DAY MUST BE DELINEATED WITH LIGHTED BARRICADES. NO LOCATIONS WILL BE LEFT WITHOUT EITHER LIGHTED BARRICADES OR RESTORED GUARDRAIL AT ANY TIME.
- DO NOT INCLUDE MULCH OR EMULSIFIED ASPHALT ON EROSION CONTROL BLANKET AREAS.
- SHOULD THE CONTRACTOR REQUEST OLD/EXISTING STRUCTURE PLANS, THEY CAN CONTACT THE PROJECT ENGINEER OR TEAM MANAGER AS SHOWN ON THE COVER SHEET.

APPLICATION RATES

AGGREGATE WEDGE SHOULDERS	1.60 TONS/CU YD
AGRICULTURAL GROUND LIMESTONE	2.0 TONS/ACRE
BITUMINOUS MATERIALS (PRIME COAT)	0.25 LB/SQ FT (AGGREGATE)
BITUMINOUS MATERIALS (TACK COAT)	0.05 LB/SQ FT (MILLED HMA, AGED HMA)
BITUMINOUS MATERIALS (TACK COAT)	0.025 LB/SQ FT (FOG COAT BETWEEN HMA LIFTS)
HOT-MIX ASPHALT (SURFACE/BINDER/BASE)	0.056 TONS/SQ YD/IN
MULCH, METHOD 2	2.0 TONS/ACRE
NITROGEN FERTILIZER NUTRIENT	90 LBS/ACRE
PHOSPHORUS FERTILIZER NUTRIENT	90 LBS/ACRE
POTASSIUM FERTILIZER NUTRIENT	90 LBS/ACRE
RIPRAP	1.50 TONS/CU YD
STONE-MIX ASPHALT (SURFACE/BINDER/BASE)	0.056 TONS/SQ YD/IN
TEMPORARY EROSION CONTROL SEEDING	100 LBS/ACRE

COMMITMENTS

- THE CONTRACTOR SHALL BE RESPONSIBLE FOR FOLLOWING THE REQUIREMENTS OF AN NPDES STORMWATER PERMIT FOR CONSTRUCTION ACTIVITY FOR THIS PROJECT.

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
DISTRICT 6**

EXAMINED October 6 2022
[Signature]
ENGINEER OF OPERATIONS

EXAMINED September 21 2022
[Signature]
ENGINEER OF PROJECT IMPLEMENTATION

EXAMINED September 9 2022
[Signature]
ENGINEER OF PROGRAM DEVELOPMENT

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CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE			
				90% FED 10% STATE ROADWAY	90% FED 10% STATE BRIDGE	90% FED 10% STATE BRIDGE	90% FED 10% STATE BRIDGE
				0005	0013	0013	0013
				1-55 RURAL	068-0040 RURAL	068-0037 RURAL	068-0041 RURAL
20200100	EARTH EXCAVATION	CU YD	300		180		120
20200600	EXCAVATING AND GRADING EXISTING SHOULDER	UNIT	24	24			
21400100	GRADING AND SHAPING DITCHES	FOOT	580	580			
25000200	SEEDING, CLASS 2	ACRE	0.6	0.3	0.2		0.1
25000400	NITROGEN FERTILIZER NUTRIENT	POUND	48	25	14		9
25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	48	25	14		9
25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	48	25	14		9
25000700	AGRICULTURAL GROUND LIMESTONE	TON	0.5		0.3		0.2
25100115	MULCH, METHOD 2	ACRE	0.6	0.3	0.2		0.1
25100635	HEAVY DUTY EROSION CONTROL BLANKET	SQ YD	100		50		50
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	50		30		20
28000400	PERIMETER EROSION BARRIER	FOOT	2170		1600		570
28000500	INLET AND PIPE PROTECTION	EACH	3		2		1
28100105	STONE RIPRAP, CLASS A3	SQ YD	48	48			

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PLOT DATE = 10/24/2022		

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SUMMARY OF QUANTITIES
RESURFACING(INT 3RD)**

SCALE: 1" = 50' SHEET 1 OF 12 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	*	MONTGOMERY	192	3
CONTRACT NO. 72G54				
ILLINOIS FED. AID PROJECT				

*(68-4R51-BY, 68-5HB)D, 68-3R55

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE			
				90% FED 10% STATE ROADWAY	90% FED 10% STATE BRIDGE	90% FED 10% STATE BRIDGE	90% FED 10% STATE BRIDGE
				0005	0013	0013	0013
				1-55 RURAL	068-0040 RURAL	068-0037 RURAL	068-0041 RURAL
28100107	STONE RIPRAP, CLASS A4	SQ YD	16	16			
28100707	STONE DUMPED RIPRAP, CLASS A4	SQ YD	122			122	
28200200	FILTER FABRIC	SQ YD	186	64		122	
31101200	SUBBASE GRANULAR MATERIAL, TYPE B 4"	SQ YD	1578			1578	
35300300	PORTLAND CEMENT CONCRETE BASE COURSE 8"	SQ YD	1387			1387	
35501316	HOT-MIX ASPHALT BASE COURSE, 8"	SQ YD	2419			2419	
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	158194	152664	240	4875	415
40600370	LONGITUDINAL JOINT SEALANT	FOOT	58052	57424		628	
40600990	TEMPORARY RAMP	SQ YD	421	320	45		56
40602965	HOT-MIX ASPHALT BINDER COURSE, IL-9.5FG, N50	TON	82		30		52
40604050	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "C", N50	TON	519		30	437	52
40605010	POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, STONE MATRIX ASPHALT 12.5, N50	TON	13092	13092			
40605015	POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, STONE MATRIX ASPHALT 12.5, N80	TON	13092	13092			
40605024	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, STONE MATRIX ASPHALT, 9.5, MIX "E", N80	TON	13092	13092			

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SUMMARY OF QUANTITIES
RESURFACING(INT 3RD)**

SCALE: 1" = 50' SHEET 2 OF 12 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	*	MONTGOMERY	192	4
CONTRACT NO. 72G54				
ILLINOIS FED. AID PROJECT				

*(68-4R51-BY, 68-5HB)D, 68-3R55

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE			
				90% FED ROADWAY	90% FED BRIDGE	90% FED BRIDGE	90% FED BRIDGE
				10% STATE 0005	10% STATE 0013	10% STATE 0013	10% STATE 0013
				I-55 RURAL	068-0040 RURAL	068-0037 RURAL	068-0041 RURAL
40800050	INCIDENTAL HOT-MIX ASPHALT SURFACING	TON	50	50			
42000070	PAVEMENT CONNECTOR (HMA) FOR BRIDGE APPROACH SLAB	SQ YD	392		65	262	65
44000100	PAVEMENT REMOVAL	SQ YD	370		176		194
44000155	HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2"	SQ YD	114227	107015		7212	
44000167	HOT-MIX ASPHALT SURFACE REMOVAL, 4 1/2"	SQ YD	153132	153132			
44004250	PAVED SHOULDER REMOVAL	SQ YD	2419			2419	
44200610	CLASS A PATCHES, TYPE II, 13 INCH	SQ YD	100	100			
44213000	PATCHING REINFORCEMENT	SQ YD	100	100			
44213200	SAW CUTS	FOOT	584	584			
48101200	AGGREGATE SHOULDERS, TYPE B	TON	354		261		93
48102100	AGGREGATE WEDGE SHOULDER, TYPE B	TON	3485	3476		9	
48203100	HOT-MIX ASPHALT SHOULDERS	TON	10000	9819		181	
50102400	CONCRETE REMOVAL	CU YD	343.4		82.3	191.9	69.2
50104701	REMOVAL OF EXISTING CONCRETE DECK NO. 1	EACH	1		1		

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 no. 184001036

 engineers • planners • land surveyors

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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**SUMMARY OF QUANTITIES
 RESURFACING(INT 3RD)**

SCALE: 1" = 50' SHEET 3 OF 12 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	*	MONTGOMERY	192	5
CONTRACT NO.72G54			ILLINOIS FED. AID PROJECT	

*(68-4R51-BY, 68-5HB)D, 68-3R55

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE			
				90% FED 10% STATE ROADWAY	90% FED 10% STATE BRIDGE	90% FED 10% STATE BRIDGE	90% FED 10% STATE BRIDGE
				0005	0013	0013	0013
				I-55 RURAL	068-0040 RURAL	068-0037 RURAL	068-0041 RURAL
50104702	REMOVAL OF EXISTING CONCRETE DECK NO. 2	EACH	1				1
50104703	REMOVAL OF EXISTING CONCRETE DECK NO. 3	EACH	1			1	
50157300	PROTECTIVE SHIELD	SQ YD	1766		440	886	440
50200100	STRUCTURE EXCAVATION	CU YD	297		65	167	65
50300225	CONCRETE STRUCTURES	CU YD	127.3		39.1	63.4	24.8
50300255	CONCRETE SUPERSTRUCTURE	CU YD	1578.0		413.6	757.9	406.5
50300260	BRIDGE DECK GROOVING	SQ YD	4879		1170	2556	1153
50300300	PROTECTIVE COAT	SQ YD	6181		1612	2981	1588
50301350	CONCRETE SUPERSTRUCTURE (APPROACH SLAB)	CU YD	353.4		83.6	186.2	83.6
50400805	FURNISHING AND ERECTING PRECAST PRESTRESSED CONCRETE I-BEAMS, 36 IN.	FOOT	310.8		164.3		146.5
50400905	FURNISHING AND ERECTING PRECAST PRESTRESSED CONCRETE I-BEAMS, 42 IN.	FOOT	650			650	
50500405	FURNISHING AND ERECTING STRUCTURAL STEEL	POUND	10720		3230	4260	3230
50500505	STUD SHEAR CONNECTORS	EACH	1476			1476	
50800205	REINFORCEMENT BARS, EPOXY COATED	POUND	551450		146090	262810	142550

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engineers + planners + land surveyors

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SUMMARY OF QUANTITIES
RESURFACING(INT 3RD)**

SCALE: 1" = 50' SHEET 4 OF 12 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	*	MONTGOMERY	192	6
CONTRACT NO. 72G54			ILLINOIS FED. AID PROJECT	

*(68-4R51-BY, 68-5HB)D, 68-3R55

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE			
				90% FED 10% STATE ROADWAY	90% FED 10% STATE BRIDGE	90% FED 10% STATE BRIDGE	90% FED 10% STATE BRIDGE
				0005	0013	0013	0013
				1-55 RURAL	068-0040 RURAL	068-0037 RURAL	068-0041 RURAL
50800515	BAR SPLICERS	EACH	1495		56	1383	56
51500100	NAME PLATES	EACH	3		1	1	1
52000110	PREFORMED JOINT STRIP SEAL	FOOT	260		60	140	60
52100010	ELASTOMERIC BEARING ASSEMBLY, TYPE I	EACH	34		8	18	8
52100510	ANCHOR BOLTS, 3/4"	EACH	64		32		32
52100520	ANCHOR BOLTS, 1"	EACH	40			40	
52200010	TEMPORARY SHEET PILING	SQ FT	146			146	
52318802	DRAINAGE SYSTEM FOR STRUCTURES	L SUM	1			1	
54213447	END SECTIONS 12"	EACH	1			1	
54261224	CONCRETE END SECTION, STANDARD 542001, 24", 1:2	EACH	1	1			
54261230	CONCRETE END SECTION, STANDARD 542001, 30", 1:2	EACH	2	2			
58600101	GRANULAR BACKFILL FOR STRUCTURES	CU YD	317		85	167	65
58700300	CONCRETE SEALER	SQ FT	274			274	
59000200	EPOXY CRACK INJECTION	FOOT	225			225	
59100100	GEOCOMPOSITE WALL DRAIN	SQ YD	160		36	88	36

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PLOT DATE = 10/24/2022		

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SUMMARY OF QUANTITIES
RESURFACING(INT 3RD)**

SCALE: 1" = 50' SHEET 5 OF 12 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	*	MONTGOMERY	192	7
CONTRACT NO. 72G54			ILLINOIS FED. AID PROJECT	

*(68-4R51-BY, 68-5HB)D, 68-3R55

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE			
				90% FED 10% STATE ROADWAY	90% FED 10% STATE BRIDGE	90% FED 10% STATE BRIDGE	90% FED 10% STATE BRIDGE
				0005	0013	0013	0013
				1-55 RURAL	068-0040 RURAL	068-0037 RURAL	068-0041 RURAL
59300100	CONTROLLED LOW-STRENGTH MATERIAL	CU YD	51	31	20		
60100945	PIPE DRAINS 12"	FOOT	10			10	
60146304	PIPE UNDERDRAINS FOR STRUCTURES 4"	FOOT	590		152	168	270
60262700	INLETS TO BE RECONSTRUCTED	EACH	1	1			
60920030	PIPE CULVERTS TO BE CLEANED 30"	FOOT	25	25			
60920048	PIPE CULVERTS TO BE CLEANED 48"	FOOT	10	10			
61000225	TYPE F INLET BOX, STANDARD 610001	EACH	1			1	
* 63000001	STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS	FOOT	1100		950	150	
* 63000003	STEEL PLATE BEAM GUARDRAIL, TYPE A, 9 FOOT POSTS	FOOT	1600	1500			100
* 63100045	TRAFFIC BARRIER TERMINAL, TYPE 2	EACH	6	6			
* 63100085	TRAFFIC BARRIER TERMINAL, TYPE 6	EACH	12	2	4	2	4
* 63100167	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	EACH	18	8	4	2	4
63200310	GUARDRAIL REMOVAL	FOOT	3971	1865	1340	345	421
64200116	SHOULDER RUMBLE STRIPS, 16 INCH	FOOT	110922	110922			

* SPECIALTY ITEM

REV. - MS

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SUMMARY OF QUANTITIES
RESURFACING(INT 3RD)**

SCALE: 1" = 50' SHEET 6 OF 12 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	*	MONTGOMERY	192	8
CONTRACT NO. 72G54			ILLINOIS FED. AID PROJECT	

*(68-4R51-BY, 68-5HB)D, 68-3R55

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE			
				90% FED 10% STATE ROADWAY	90% FED 10% STATE BRIDGE	90% FED 10% STATE BRIDGE	90% FED 10% STATE BRIDGE
				0005	0013	0013	0013
				1-55 RURAL	068-0040 RURAL	068-0037 RURAL	068-0041 RURAL
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	18	10	2	4	2
67100100	MOBILIZATION	L SUM	1	0.6	0.1	0.2	0.1
70100420	TRAFFIC CONTROL AND PROTECTION, STANDARD 701411	EACH	4			4	
70100450	TRAFFIC CONTROL AND PROTECTION, STANDARD 701201	L SUM	1		0.5		0.5
70100460	TRAFFIC CONTROL AND PROTECTION, STANDARD 701306	L SUM	1			1	
70100820	TRAFFIC CONTROL AND PROTECTION, STANDARD 701451	L SUM	1			1	
70100800	TRAFFIC CONTROL AND PROTECTION, STANDARD 701401	L SUM	1	0.6	0.1	0.2	0.1
70107025	CHANGEABLE MESSAGE SIGN	CAL DA	150	90		60	
70200100	NIGHTTIME WORK ZONE LIGHTING	L SUM	1	1			
70300100	SHORT TERM PAVEMENT MARKING	FOOT	7713	7521		168	24
70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SQ FT	2573	2509		56	8
70300211	TEMPORARY PAVEMENT MARKING LETTERS AND SYMBOLS - PAINT	SQ FT	416			416	
70300231	TEMPORARY PAVEMENT MARKING - LINE 5"- PAINT	FOOT	161658	129205		32453	
70300261	TEMPORARY PAVEMENT MARKING - LINE 12"- PAINT	FOOT	1044			1044	
70400100	TEMPORARY CONCRETE BARRIER	FOOT	673			673	

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES
RESURFACING(INT 3RD)

SCALE: 1" = 50' SHEET 7 OF 12 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	*	MONTGOMERY	192	9
CONTRACT NO. 72G54			ILLINOIS FED. AID PROJECT	

*(68-4R51-BY, 68-5HB)D, 68-3R55

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE			
				90% FED 10% STATE ROADWAY	90% FED 10% STATE BRIDGE	90% FED 10% STATE BRIDGE	90% FED 10% STATE BRIDGE
				0005	0013	0013	0013
				I-55 RURAL	068-0040 RURAL	068-0037 RURAL	068-0041 RURAL
70400200	RELOCATE TEMPORARY CONCRETE BARRIER	FOOT	642			642	
70600260	IMPACT ATTENUATORS, TEMPORARY (FULLY REDIRECTIVE, NARROW), TEST LEVEL 3	EACH	2			2	
70600332	IMPACT ATTENUATORS, RELOCATE (FULLY REDIRECTIVE, NARROW), TEST LEVEL 3	EACH	2			2	
* 72000100	SIGN PANEL - TYPE 1	SQ FT	9			9	
* 72000300	SIGN PANEL - TYPE 3	SQ FT	170			170	
72400310	REMOVE SIGN PANEL - TYPE 1	SQ FT	9			9	
72400330	REMOVE SIGN PANEL - TYPE 3	SQ FT	150			150	
* 72501000	TERMINAL MARKER - DIRECT APPLIED	EACH	18	8	4	2	4
* 72800100	TELESCOPING STEEL SIGN SUPPORT	FOOT	14			14	
* 78001120	PAINT PAVEMENT MARKING - LINE 5"	FOOT	2476				2476
* 78001180	PAINT PAVEMENT MARKING - LINE 24"	FOOT	10				10
* 78003101	PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - STANDARD - LETTERS AND SYMBOLS	SQ FT	80			80	
* 78009005	MODIFIED URETHANE PAVEMENT MARKING - LINE 5"	FOOT	135018	129205		5813	
* 78009006	MODIFIED URETHANE PAVEMENT MARKING - LINE 6"	FOOT	487			487	

* SPECIALTY ITEM

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SUMMARY OF QUANTITIES
RESURFACING(INT 3RD)**

SCALE: 1" = 50' SHEET 8 OF 12 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	*	MONTGOMERY	192	10
CONTRACT NO.72G54				

ILLINOIS FED. AID PROJECT
*(68-4R51-BY, 68-5HB)D, 68-3R55

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE			
				90% FED 10% STATE ROADWAY	90% FED 10% STATE BRIDGE	90% FED 10% STATE BRIDGE	90% FED 10% STATE BRIDGE
				0005	0013	0013	0013
				I-55 RURAL	068-0040 RURAL	068-0037 RURAL	068-0041 RURAL
* 78011030	GROOVING FOR RECESSED PAVEMENT MARKING 6"	FOOT	135018	129205		5813	
* 78011035	GROOVING FOR RECESSED PAVEMENT MARKING 7"	FOOT	487			487	
* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	1453	1440		13	
* 78200005	GUARDRAIL REFLECTORS, TYPE A	EACH	74	34	16	8	16
* 78200011	BARRIER WALL REFLECTORS, TYPE C	EACH	93		20	53	20
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	721	721			
78300201	PAVEMENT MARKING REMOVAL - GRINDING	SQ FT	2558			2558	
* 81028750	UNDERGROUND CONDUIT, COILABLE NONMETALLIC CONDUIT, 2" DIA.	FOOT	90			90	
* 81028770	UNDERGROUND CONDUIT, COILABLE NONMETALLIC CONDUIT, 3" DIA.	FOOT	215			215	
* 81603035	UNIT DUCT, 600V, 2-1C NO.6, 1/C NO.6 GROUND, (XLP-TYPE USE), 1" DIA. POLYETHYLENE	FOOT	2243			2243	
X0322279	OUTLET MARKER	EACH	262	262			
X0323710	REMOVE CONDUIT ATTACHED TO STRUCTURE	FOOT	325			325	
X0325893	CLEAN EXISTING END SECTION	EACH	11	11			
X1400278	REMOVE EXISTING LUMINAIRE	EACH	2			2	

* SPECIALTY ITEM

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SUMMARY OF QUANTITIES
RESURFACING(INT 3RD)**

SCALE: 1" = 50' SHEET 9 OF 12 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	*	MONTGOMERY	192	11
			CONTRACT NO.72G54	

ILLINOIS FED. AID PROJECT
*(68-4R51-BY, 68-5HB)D, 68-3R55

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE			
				90% FED ROADWAY	90% FED BRIDGE	90% FED BRIDGE	90% FED BRIDGE
				10% STATE 0005	10% STATE 0013	10% STATE 0013	10% STATE 0013
				I-55 RURAL	068-0040 RURAL	068-0037 RURAL	068-0041 RURAL
X2503000	MAINTENANCE MOWING	ACRE	126	126			
X4401198	HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH	SQ YD	971		356		615
X4403300	CONCRETE MEDIAN REMOVAL	SQ FT	12471			12471	
X5427602	REMOVE EXISTING FLARED END SECTION	EACH	3	3			
X6010100	CLEANING UNDERDRAIN OUTLETS	EACH	262	262			
X6061702	CONCRETE MEDIAN, TYPE SM (DOWELLED)	SQ FT	11451			11451	
X6650208	WOVEN WIRE FENCE REMOVAL AND REPLACEMENT	FOOT	170	170			
X7010216	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	L SUM	1			1	
X7011800	TRAFFIC CONTROL AND PROTECTION, STANDARD BLR 21	L SUM	1		0.5		0.5
X7200201	WIDTH RESTRICTION SIGNING	L SUM	1			1	
X7380150	REMOVE AND REERECT OVERHEAD SIGN STRUCTURE-BRIDGE MOUNTED, SPECIAL	EACH	1			1	
Z0001899	JACK AND REMOVE EXISTING BEARINGS	EACH	34		8	18	8
Z0001903	STRUCTURAL STEEL REMOVAL	POUND	4076		2038		2038
Z0001905	STRUCTURAL STEEL REPAIR	POUND	1120			1120	

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES
RESURFACING(INT 3RD)

SCALE: 1" = 50' SHEET 10 OF 12 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	*	MONTGOMERY	192	12
			CONTRACT NO. 72G54	
ILLINOIS FED. AID PROJECT				

*(68-4R51-BY, 68-5HB)D, 68-3R55

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE			
				90% FED 10% STATE ROADWAY	90% FED 10% STATE BRIDGE	90% FED 10% STATE BRIDGE	90% FED 10% STATE BRIDGE
				0005	0013	0013	0013
				1-55 RURAL	068-0040 RURAL	068-0037 RURAL	068-0041 RURAL
Z0003615	REMOVAL OF EXISTING CONCRETE I-BEAM	EACH	26		6	14	6
Z0004552	APPROACH SLAB REMOVAL	SQ YD	438			438	
* Z0007101	CONTAINMENT AND DISPOSAL OF LEAD PAINT CLEANING RESIDUES NO. 1	L SUM	1			1	
* Z0010501	CLEANING AND PAINTING STEEL BRIDGE NO. 1	L SUM	1			1	
Z0010615	CLEANING EXISTING INLETS	EACH	12	12			
Z0012754	STRUCTURAL REPAIR OF CONCRETE (DEPTH EQUAL TO OR LESS THAN 5 INCHES)	SQ FT	315		223	58	34
Z0012755	STRUCTURAL REPAIR OF CONCRETE (DEPTH GREATER THAN 5 INCHES)	SQ FT	20		20		
Z0013798	CONSTRUCTION LAYOUT	L SUM	1		0.5		0.5
Z0018002	DRAINAGE SCUPPERS, DS-11	EACH	10		4	2	4
Z0034105	MATERIAL TRANSFER DEVICE	TON	39276	39276			
Z0065700	SLOPE WALL REPAIR	SQ YD	31		31		
∅ Z0076600	TRAINEES	hour	5000	5000			
∅ Z0076604	TRAINEES TRAINING PROGRAM GRADUATE	hour	5000	5000			

* SPECIALTY ITEM ∅ 0042

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PLOT DATE = 10/24/2022		

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SUMMARY OF QUANTITIES
RESURFACING(INT 3RD)**

SCALE: 1" = 50' SHEET 11 OF 12 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	*	MONTGOMERY	192	13
			CONTRACT NO. 72G54	

ILLINOIS FED. AID PROJECT
*(68-4R51-BY, 68-5HB)D, 68-3R55

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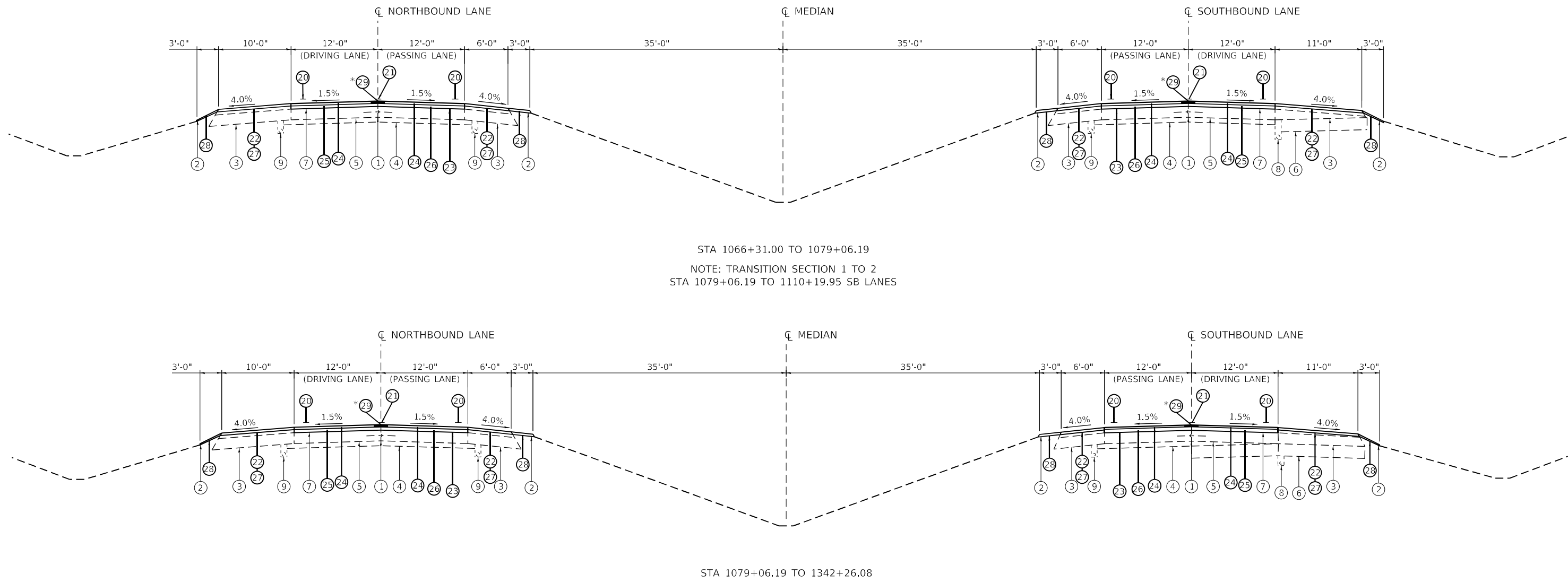
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**SUMMARY OF QUANTITIES
 RESURFACING(INT 3RD)**

SCALE: 1" = 50' SHEET 12 OF 12 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	*	MONTGOMERY	192	14
CONTRACT NO.72G54				
ILLINOIS FED. AID PROJECT				

*(68-4R51-BY, 68-5HB)D, 68-3R55



STA 1066+31.00 TO 1079+06.19
 NOTE: TRANSITION SECTION 1 TO 2
 STA 1079+06.19 TO 1110+19.95 SB LANES

STA 1079+06.19 TO 1342+26.08
 STATION EQUATION: 1333+63.55 BK = 1333+60.23 AH

* INTENT IS TO MILL TO BARE CONCRETE.

EXISTING LEGEND

- ① EX LONGITUDINAL JOINT
- ② EX AGGREGATE SHOULDERS
- ③ EX BITUMINOUS SHOULDERS
- ④ EX STABILIZED SUBBASE 4"
- ⑤ EX CRC PAVEMENT 9"
- ⑥ EX BURIED PCC PAVEMENT 10"
- ⑦ EX BITUMINOUS CONCRETE 4½"
- ⑧ EX PIPE UNDERDRAINS 4"
- ⑨ EX PIPE UNDERDRAINS 6"

PROPOSED LEGEND

- ⑳ PR URETHANE PAVEMENT MARKING - LINE 5" & GROOVING 6" (SOLID)
- ㉑ PR URETHANE PAVEMENT MARKING - LINE 5" & GROOVING 6" (S-D)
- ㉒ PR HOT MIX ASPHALT SURFACE REMOVAL, 1½"
- ㉓ PR HOT MIX ASPHALT SURFACE REMOVAL, 4½" *
- ㉔ PR POLYMERIZED HOT MIX ASPHALT SURFACE COURSE, SMA 9.5, MIX "E", N80 (1½")
- ㉕ PR POLYMERIZED HOT MIX ASPHALT BINDER COURSE, SMA 12.5, MIX "E", N80 (3") (DRIVING LANE)
- ㉖ PR POLYMERIZED HOT MIX ASPHALT BINDER COURSE, SMA 12.5, MIX "E", N50 (3") (PASSING LANE)
- ㉗ PR HOT MIX ASPHALT SHOULDERS (1½")
- ㉘ PR AGGREGATE WEDGE
- *㉙ LONGITUDINAL JOINT SEALANT

*LONGITUDINAL JOINT SEALANT SHALL BE PLACED OVER THE POYMERIZED HMA BINDER COURSE, SMA 12.5, MIX "E".

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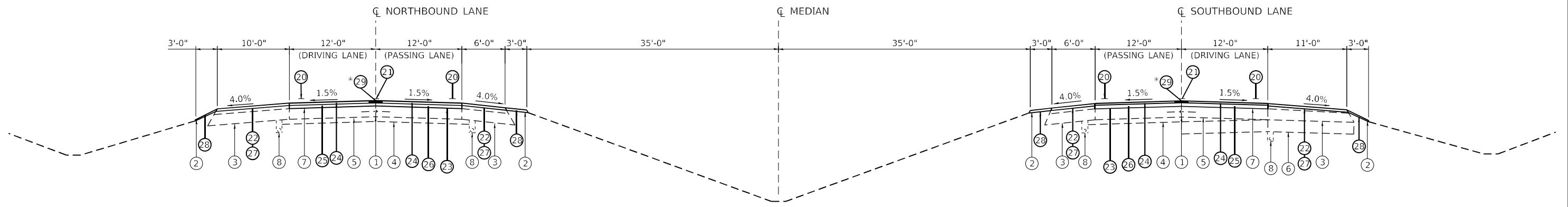
**STATE OF ILLINOIS
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**TYPICAL SECTIONS
RESURFACING(INT 3RD)**

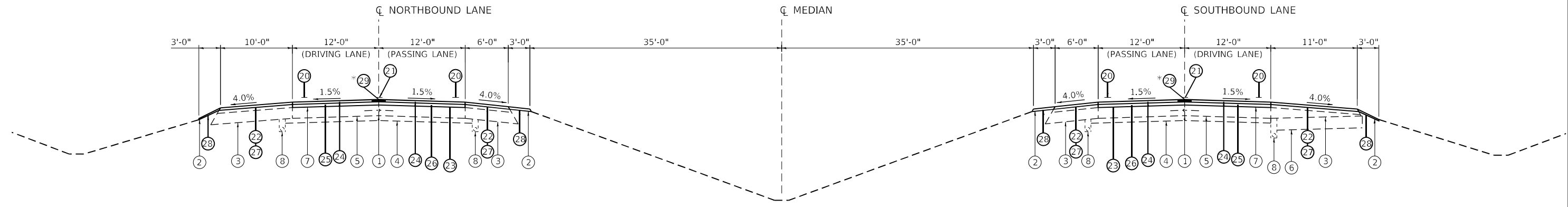
SCALE: 1" = 10' SHEET 1 OF 5 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	*	MONTGOMERY	192	15
CONTRACT NO. 72G54				

ILLINOIS FED. AID PROJECT
*(68-4R51-BY, 68-5HB)D, 68-3R55



STA 1342+26.08 TO 1351+57.76
 NOTE: TRANSITION SECTION 3 TO 4
 STA 1351+57.76 TO 1392+99.97



STA 1351+57.76 TO 1354+00.00

* INTENT IS TO MILL TO BARE CONCRETE.

EXISTING LEGEND

- ① EX LONGITUDINAL JOINT
- ② EX AGGREGATE SHOULDERS
- ③ EX BITUMINOUS SHOULDERS
- ④ EX STABILIZED SUBBASE 4"
- ⑤ EX CRC PAVEMENT 9"
- ⑥ EX BURIED PCC PAVEMENT 10"
- ⑦ EX BITUMINOUS CONCRETE 4½"
- ⑧ EX PIPE UNDERDRAINS 4"
- ⑨ EX PIPE UNDERDRAINS 6"

PROPOSED LEGEND

- ⑳ PR URETHANE PAVEMENT MARKING - LINE 5" & GROOVING 6" (SOLID)
- ㉑ PR URETHANE PAVEMENT MARKING - LINE 5" & GROOVING 6" (S-D)
- ㉒ PR HOT MIX ASPHALT SURFACE REMOVAL, 1½"
- ㉓ PR HOT MIX ASPHALT SURFACE REMOVAL, 4½" *
- ㉔ PR POLYMERIZED HOT MIX ASPHALT SURFACE COURSE, SMA 9.5, MIX "E", N80 (1½")
- ㉕ PR POLYMERIZED HOT MIX ASPHALT BINDER COURSE, SMA 12.5, MIX "E", N80 (3") (DRIVING LANE)
- ㉖ PR POLYMERIZED HOT MIX ASPHALT BINDER COURSE, SMA 12.5, MIX "E", N50 (3") (PASSING LANE)
- ㉗ PR HOT MIX ASPHALT SHOULDERS (1½")
- ㉘ PR AGGREGATE WEDGE
- *㉙ LONGITUDINAL JOINT SEALANT

* LONGITUDINAL JOINT SEALANT SHALL BE PLACED OVER THE POYMERIZED HMA BINDER COURSE, SMA 12.5, MIX "E".

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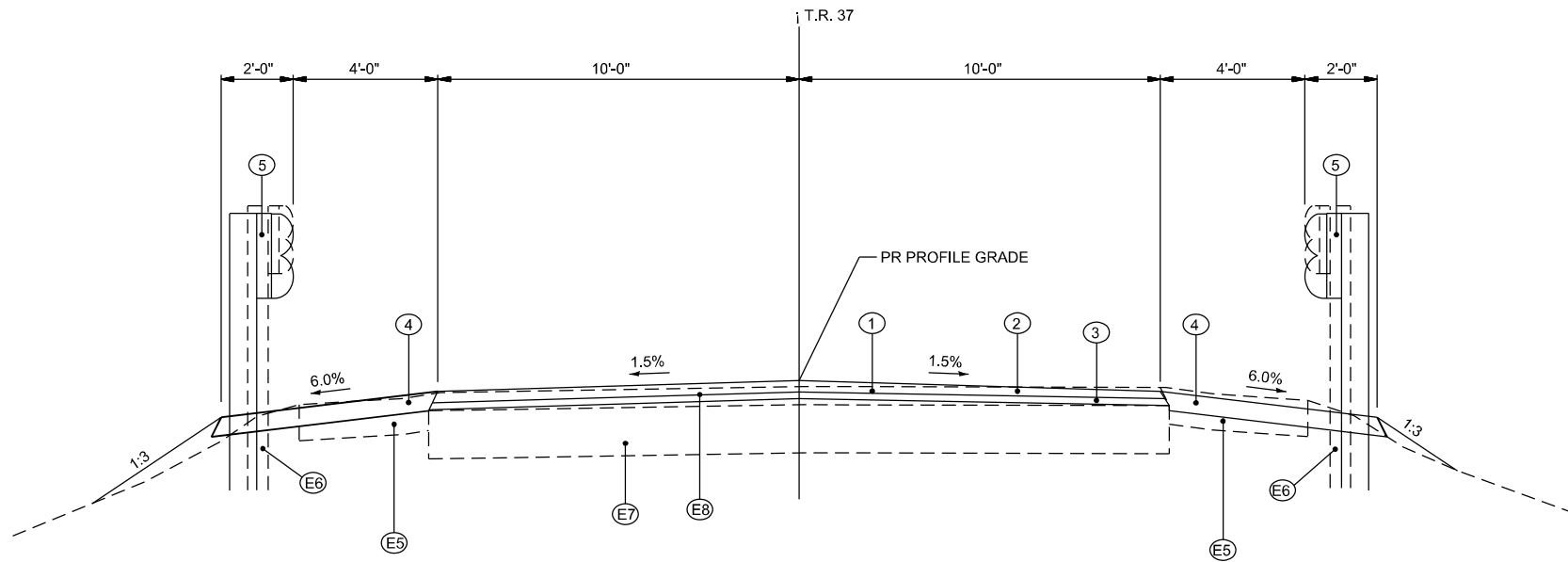


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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

TYPICAL SECTIONS RESURFACING(INT 3RD)	
SCALE: 1" = 10'	SHEET 2 OF 5 SHEETS
STA.	TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	*	MONTGOMERY	192	16
CONTRACT NO. 72G54				



**PROPOSED TYPICAL SECTION
T.R. 37**

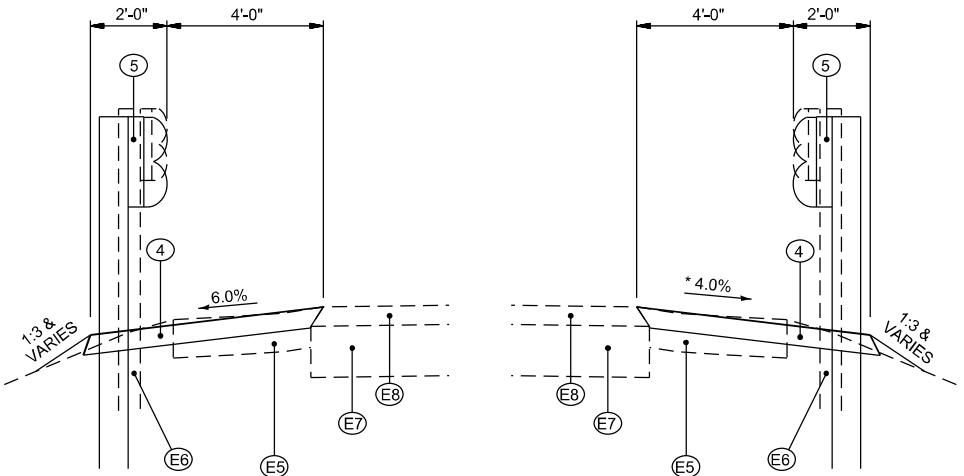
STA 46+83.63 TO STA 47+18.40	SUPERELEVATION TRANSITION
STA 47+18.40 TO STA 47+63.63	HMA PAVEMENT CONNECTOR
STA 47+63.63 TO STA 47+73.63	APPROACH PAVEMENT
STA 47+73.63 TO STA 48+03.63	SN 068-0040
STA 48+03.63 TO STA 51+48.79	APPROACH PAVEMENT
STA 51+48.79 TO STA 51+78.79	HMA PAVEMENT CONNECTOR
STA 51+78.79 TO STA 51+88.79	
STA 51+88.79 TO STA 52+13.05	
STA 52+13.05 TO STA 52+68.79	SUPERELEVATION TRANSITION

LEGEND

- Ⓔ1 EXISTING AGGREGATE BASE COURSE, TY A, 10"
- Ⓔ2 EXISTING HMA SURFACING, VARIES
- Ⓔ3 EXISTING LEVELING BINDER, TYPE 2, 3/4"
- Ⓔ4 EXISTING HMA SURFACE COURSE, MIX C, CLASS I, TYPE 2, 1 1/2"
- Ⓔ5 EXISTING AGGREGATE SHOULDER, TYPE A
- Ⓔ6 EXISTING GUARDRAIL
- Ⓔ7 EXISTING 8" AGGREGATE BASE COURSE, TYPE A.
- Ⓔ8 EXISTING 3" HMA SURFACING

- ① PROPOSED HMA SURFACE REMOVAL, VARIABLE DEPTH
- ② PROPOSED HMA SURFACE COURSE, IL-9.5, MIX "C", N50, 1 1/2"
- ③ PROPOSED HMA BINDER COURSE, IL-9.5FG, N50, VARIES (1 1/4" MIN.)
- ④ PROPOSED AGGREGATE SHOULDERS, TYPE B 6"
- ⑤ PROPOSED STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS

GUARDRAIL NOTES (T.R. 37):
 PROPOSED GUARDRAIL FROM STATION 44+01.73 TO 47+91.13 LT
 PROPOSED GUARDRAIL FROM STATION 44+14.23 TO 47+91.13 RT
 PROPOSED GUARDRAIL FROM STATION 51+61.29 TO 54+38.19 LT
 PROPOSED GUARDRAIL FROM STATION 51+61.29 TO 54+25.69 RT



**PROPOSED TYPICAL SECTION
T.R. 37**

* 8% MAX SUPERELEVATION ROLLOVER

STA 43+50.00 TO STA 45+93.40
 STA 45+93.40 TO STA 46+83.63 (SUPERELEVATION TRANSITION)
 STA 52+68.79 TO STA 53+38.05 (SUPERELEVATION TRANSITION)
 STA 53+38.05 TO STA 54+92.00

MODEL: D:\p1\11\11\11\CADD\Sheet\05-155 in Montgomery County\CADD_Sheet\05155-155\p11111.dwg

KLINGNER & ASSOCIATES, P.C.
 Engineers • Architects • Surveyors
 616 N.24TH ST. QUINCY, ILLINOIS 62301-2117,223.3670
 STATE OF ILLINOIS DESIGN FIRM NO. 184-2738

USER NAME = arms	DESIGNED -	REVISED -
PLOT SCALE = 40,0000' / in.	DRAWN -	REVISED -
PLOT DATE = 10/17/2022	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

T.R. 37 TYPICAL SECTIONS		
SCALE: NONE	SHEET 1 OF 2 SHEETS	STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	(68-4RS1-BY, 68-5HB)D, 68-3RS5	MONTGOMERY	192	17
CONTRACT NO. 72G54				
		ILLINOIS	FED. AID PROJECT	

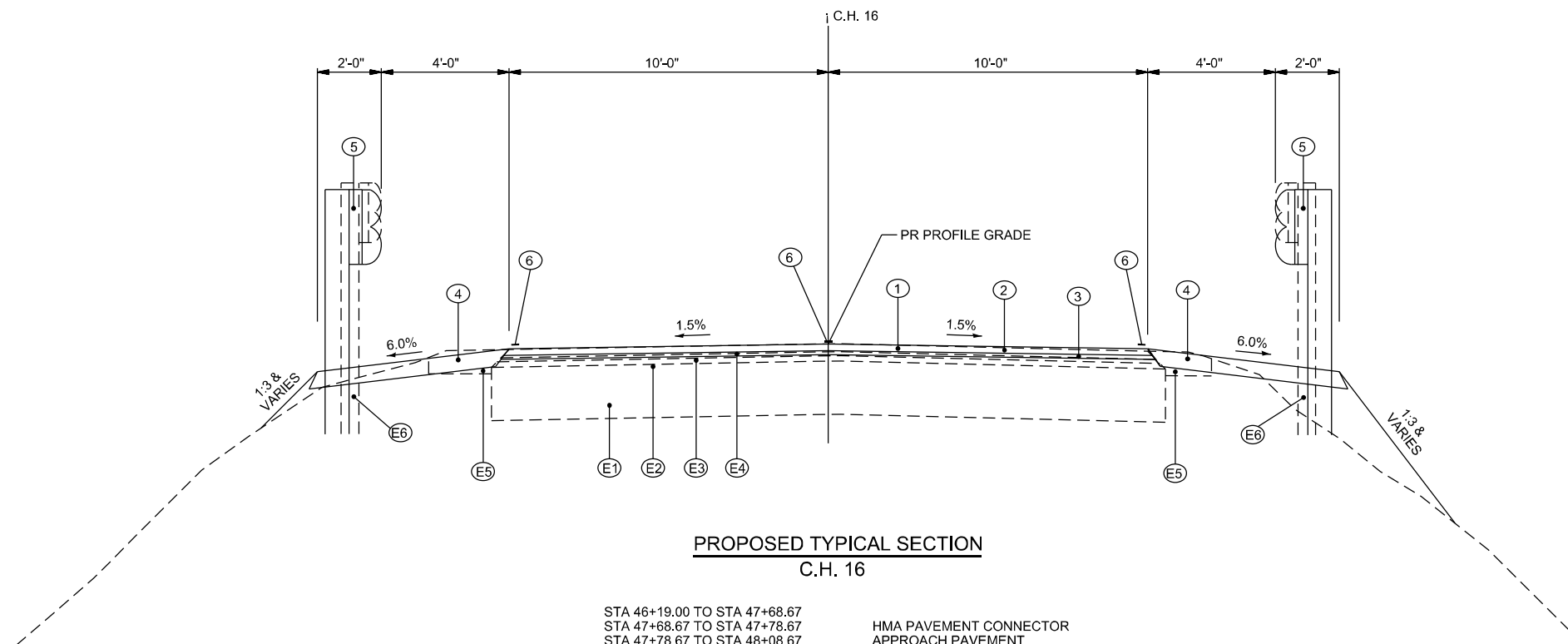
LEGEND

- (E1) EXISTING AGGREGATE BASE COURSE, TY A, 10"
- (E2) EXISTING HMA SURFACING, VARIES
- (E3) EXISTING LEVELING BINDER, TYPE 2, 3/4"
- (E4) EXISTING HMA SURFACE COURSE, MIX C, CLASS I, TYPE 2, 1 1/2"
- (E5) EXISTING AGGREGATE SHOULDER, TYPE A
- (E6) EXISTING GUARDRAIL
- (E7) EXISTING 8" AGGREGATE BASE COURSE, TYPE A.
- (E8) EXISTING 3" HMA SURFACING

- (1) PROPOSED HMA SURFACE REMOVAL, VARIABLE DEPTH
- (2) PROPOSED HMA SURFACE COURSE, IL-9.5, MIX "C", N50, 1 1/2"
- (3) PROPOSED HMA BINDER COURSE, IL-9.5FG, N50, VARIES (1 1/4" MIN.)
- (4) PROPOSED AGGREGATE SHOULDERS, TYPE B 6"
- (5) PROPOSED STEEL PLATE BEAM GUARDRAIL, TYPE A, 9 FOOT POSTS
- (6) PROPOSED PAVEMENT MARKING - LINE 5"

GUARDRAIL NOTES (C.H. 16):

- PROPOSED GUARDRAIL FROM STATION 46+94.27 TO 47+96.17 LT
- PROPOSED GUARDRAIL FROM STATION 46+19.27 TO 47+96.17 RT
- PROPOSED GUARDRAIL FROM STATION 51+60.42 TO 52+37.32 LT
- PROPOSED GUARDRAIL FROM STATION 51+60.42 TO 52+37.32 RT



**PROPOSED TYPICAL SECTION
C.H. 16**

STA 46+19.00 TO STA 47+68.67
 STA 47+68.67 TO STA 47+78.67
 STA 47+78.67 TO STA 48+08.67
 STA 48+08.67 TO STA 51+47.92
 STA 51+47.92 TO STA 51+77.92
 STA 51+77.92 TO STA 51+87.92
 STA 51+87.92 TO STA 52+66.43

HMA PAVEMENT CONNECTOR
 APPROACH PAVEMENT
 SN 068-0041
 APPROACH PAVEMENT
 HMA PAVEMENT CONNECTOR

MODEL: D:\ch16
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KLINGNER & ASSOCIATES, P.C.
 Engineers • Architects • Surveyors
 616 N. 24TH ST. QUINCY, ILLINOIS 62301-2117, 223-3670
 STATE OF ILLINOIS DESIGN FIRM NO. 184-2738

USER NAME = arms	DESIGNED -	REVISED -
PLOT SCALE = 40,0000' / in.	DRAWN -	REVISED -
PLOT DATE = 10/17/2022	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

C.H. 16 TYPICAL SECTIONS	
SCALE: NONE	SHEET 2 OF 2 SHEETS STA. TO STA.

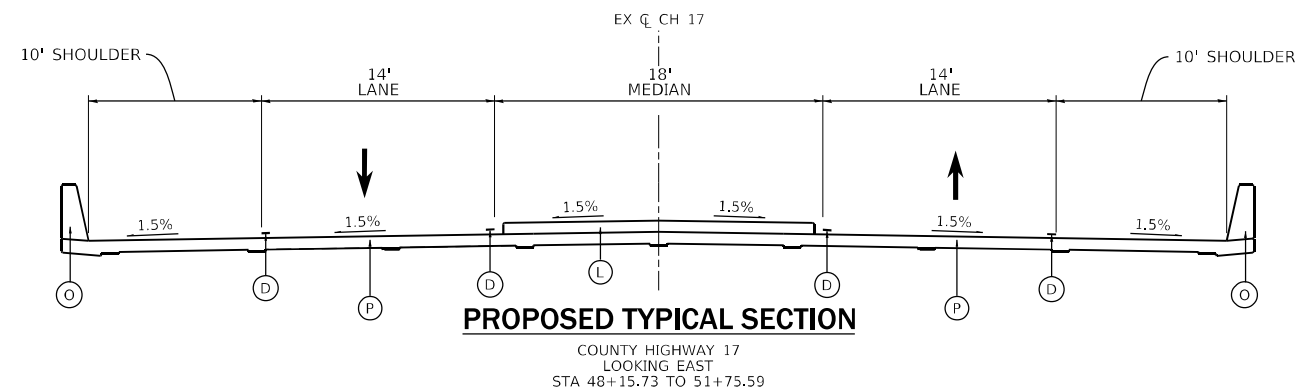
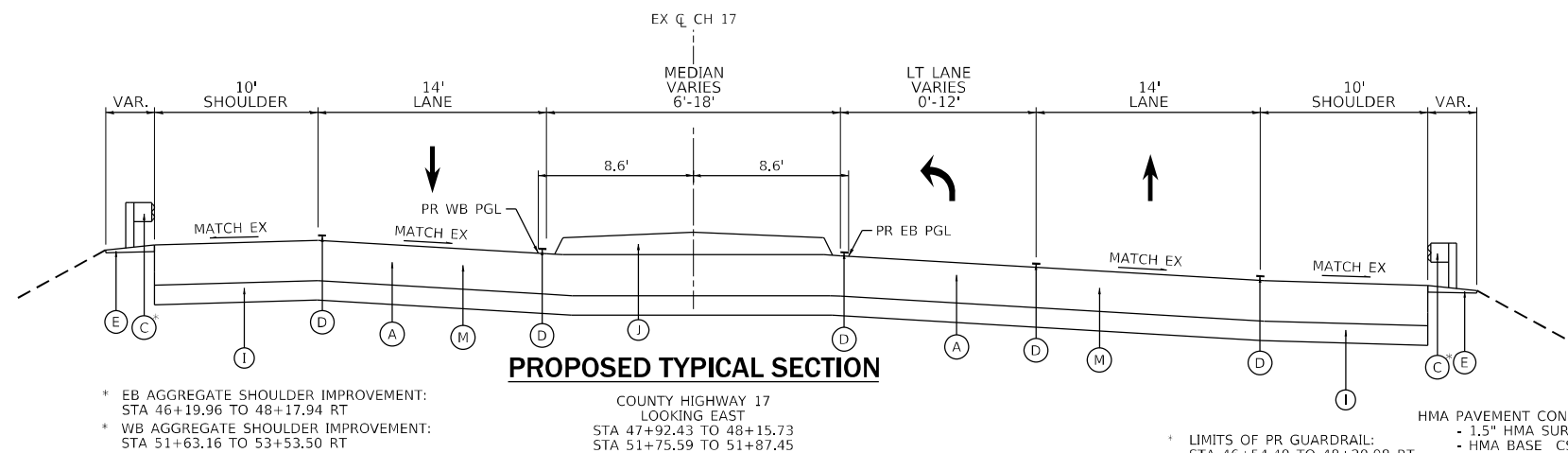
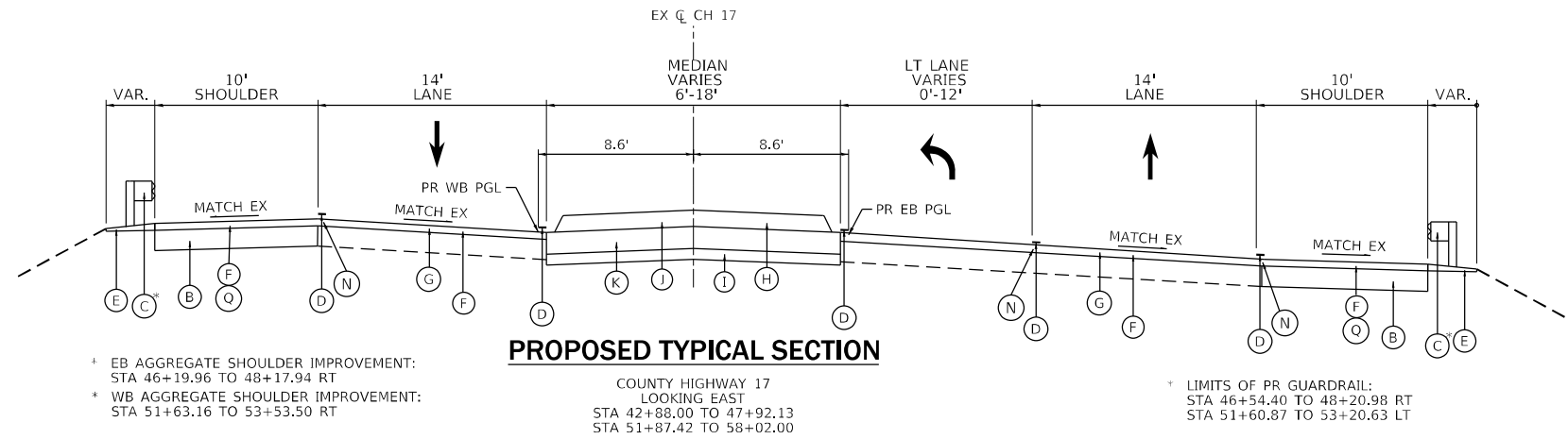
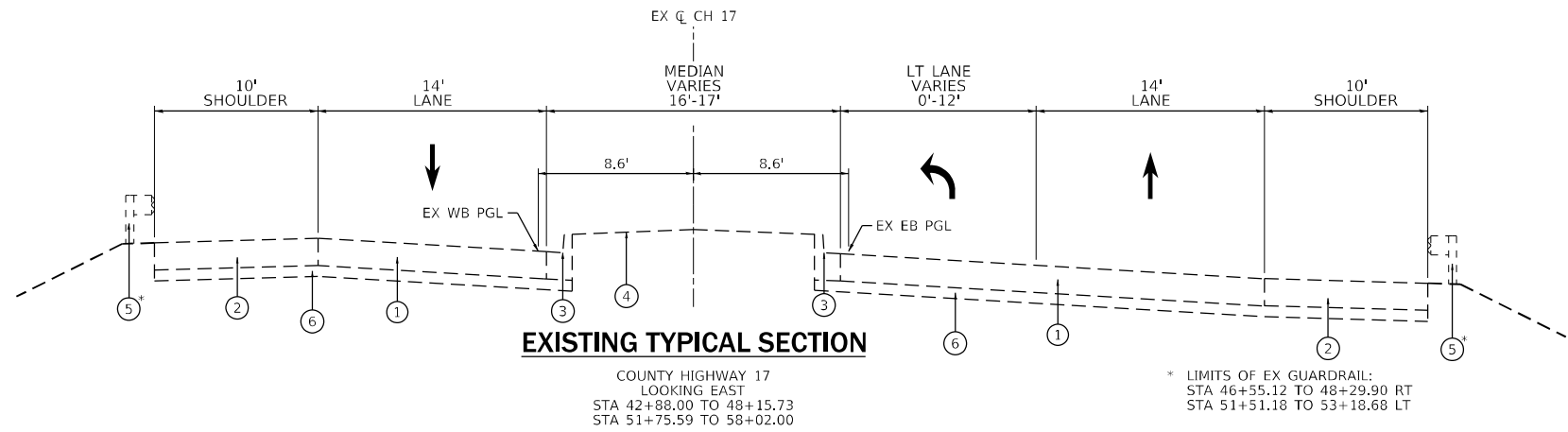
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	(68-4RS1-BY, 68-5HB)D, 68-3RS5	MONTGOMERY	192	18
CONTRACT NO. 72G54				
ILLINOIS FED. AID PROJECT				

EXISTING LEGEND

- ① EXISTING HMA PAVEMENT
- ② EXISTING HMA SHOULDERS
- ③ EXISTING TYPE M-6.06 COMBINATION C&G
- ④ EXISTING LANDSCAPED MEDIAN
- ⑤ EXISTING GUARDRAIL
- ⑥ EXISTING SUBBASE GRANULAR MATERIAL

PROPOSED LEGEND

- Ⓐ PROPOSED HMA PAVEMENT CONNECTOR (STD 420406)
- Ⓑ PROPOSED HMA BASE COURSE, IL-19.0, N70, 8"
- Ⓒ PROPOSED GUARDRAIL
- Ⓓ PROPOSED PAVEMENT MARKING
- Ⓔ PROPOSED AGG WEDGE SHOULDER, TY B
- Ⓕ PROPOSED HOT-MIX ASPHALT SURFACE REMOVAL, 1.5"
- Ⓖ PROPOSED HMA SURFACE COURSE, IL-9.5, MIX "C", N50, 1.5"
- Ⓗ PROPOSED MEDIAN REMOVAL
- Ⓘ PROPOSED SUBBASE GRANULAR MATERIAL, TYPE B, 4"
- Ⓢ PROPOSED CONCRETE MEDIAN, TYPE SM (DOWELLED)
- Ⓚ PROPOSED PCC BASE COURSE, 8"
- Ⓛ PROPOSED CONCRETE RAISED MEDIAN (BRIDGE)
- Ⓜ PROPOSED PAVEMENT REMOVAL
- Ⓝ PROPOSED LONGITUDINAL JOINT SEALANT
- Ⓞ PROPOSED CONCRETE PARAPET
- Ⓟ PROPOSED CONCRETE DECK 8"
- Ⓠ PROPOSED HMA SHOULDERS, 1.5"



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USER NAME = MAG01839	DESIGNED - RAM	REVISED -
PLOT SCALE = 10,0000 * / in.	CHECKED - KTW	REVISED -
PLOT DATE = 10/20/2022	DRAWN - RAM	REVISED -
	CHECKED - KTW	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

TYPICAL SECTIONS C.H. 17			
SCALE: 1" = 5'	SHEET 5	OF 5 SHEETS	STA. 43+00.00 TO STA. 58+00.00

F.A.I. RTE. 55	SECTION *	COUNTY MONTGOMERY	TOTAL SHEETS 192	SHEET NO. 19
CONTRACT NO. 72G54				

ILLINOIS FED. AID PROJECT
 *(68-4RSI-BY, 68-5HB)D, 68-3RS5

20200100 EARTH EXCAVATION

LOCATION STATION TO STATION	SIDE	EARTH EXCAVATION CU YD	EARTH EXCAVATION ADJUSTED 25% CU YD	EMBANKMENT CU YD	EARTHWORK BALANCE CU YD	CUMMULATIVE EARTHWORK BALANCE CU YD
T.R. 37						
43+00.00 TO 55+00.00	LT & RT	179	134	70	64	64
TOTALS		179	134	70	64	64
USE		180	135	70	65	65
C.H. 16						
45+91.00 TO 52+66.43	LT & RT	118	89	26	63	63
TOTALS		118	89	26	63	63
USE		120	90	30	60	60

20200600 EXCAVATING AND GRADING EXISTING SHOULDER

I-55 RESURFACING	UNIT
SB-LT 1089+75.00 TO SB-LT 1095+90.00	6
NB-LT 1092+78.00 TO NB-LT 1098+93.00	6
SB-LT 1312+97.00 TO SB-LT 1319+12.00	6
NB-LT 1316+00.00 TO NB-LT 1322+15.00	6
TOTAL 24	

21400100 GRADING AND SHAPING DITCHES

I-55 RESURFACING	FOOT
LT 1073+18.00	40
LT 1129+50.00	200
LT 1131+98.50	100
LT 1133+00.00	75
LT 1166+00.00	15
RT 1194+65.00	20
MEDIAN 1213+48.00	20
RT 1213+48.00	20
MEDIAN 1298+00.00	20
RT 1298+00.00	30
MEDIAN 1304+38.00	20
RT 1317+00.00	20
TOTAL 580	

25000700 AGRICULTURAL GROUND LIMESTONE

T.R. 37	TON
LT 43+50.00 TO LT 54+92.00	0.17
RT 43+62.00 TO RT 54+77.00	0.08
SUB-TOTAL 0.30	
C.H. 16	
LT 46+19.00 TO LT 52+66.43	0.03
RT 45+91.00 TO RT 52+66.43	0.05
SUB-TOTAL 0.20	
TOTAL 0.5	

25100635 HEAVY DUTY EROSION CONTROL BLANKET

T.R. 37	SQ YD
ESTIMATED QUANTITY	50
SUB-TOTAL 50	
C.H. 16	
ESTIMATED QUANTITY	50
SUB-TOTAL 50	
TOTAL 100	

25000200 SEEDING, CLASS 2

I-55 RESURFACING	ACRE
NB-RT 1131+13.10 TO NB-RT 1131+38.10	0.01
NB-RT 1131+38.10 TO NB-RT 1132+00.60	0.01
NB-RT 1132+00.60 TO NB-RT 1132+50.60	0.01
SB-LT 1130+39.61 TO SB-LT 1130+89.61	0.01
SB-LT 1130+89.61 TO SB-LT 1131+52.11	0.01
SB-LT 1131+52.11 TO SB-LT 1131+77.11	0.01
NB-RT 1285+58.29 TO NB-RT 1285+83.29	0.01
NB-RT 1285+83.29 TO NB-RT 1286+45.79	0.01
NB-RT 1286+45.79 TO NB-RT 1286+95.79	0.01
SB-LT 1284+84.86 TO SB-LT 1285+34.86	0.01
SB-LT 1285+34.86 TO SB-LT 1285+97.36	0.01
SB-LT 1285+97.36 TO SB-LT 1286+22.36	0.01
SB-LT 1073+20.00	0.01
SB-LT 1129+50.00	0.05
SB-LT 1130+92.00	0.02
SB-LT 1131+98.50	0.02
SB-LT 1133+00.00	0.02
NB-RT 1213+48.00	0.01
NB-RT 1298+00.00	0.01
SUB-TOTAL 0.30	
T.R. 37	
LT 43+50.00 TO LT 54+92.00	0.08
RT 43+62.00 TO RT 54+77.00	0.04
SUB-TOTAL 0.15	
C.H. 16	
LT 46+19.00 TO LT 52+66.43	0.01
RT 45+91.00 TO RT 52+66.43	0.03
SUB-TOTAL 0.10	
TOTAL 0.50	

28000250 TEMPORARY EROSION CONTROL SEEDING

T.R. 37	POUND
LT 43+50.00 TO LT 54+92.00	10
RT 43+62.00 TO RT 54+77.00	20
SUB-TOTAL 30	
C.H. 16	
LT 46+19.00 TO LT 52+66.43	5
RT 45+91.00 TO RT 52+66.43	15
SUB-TOTAL 20	
TOTAL 50	

25000400 NITROGEN FERTILIZER NUTRIENT

I-55 RESURFACING	POUND
NB-RT 1131+13.10 TO NB-RT 1131+38.10	0.90
NB-RT 1131+38.10 TO NB-RT 1132+00.60	0.90
NB-RT 1132+00.60 TO NB-RT 1132+50.60	0.90
SB-LT 1130+39.61 TO SB-LT 1130+89.61	0.90
SB-LT 1130+89.61 TO SB-LT 1131+52.11	0.90
SB-LT 1131+52.11 TO SB-LT 1131+77.11	0.90
NB-RT 1285+58.29 TO NB-RT 1285+83.29	0.90
NB-RT 1285+83.29 TO NB-RT 1286+45.79	0.90
NB-RT 1286+45.79 TO NB-RT 1286+95.79	0.90
SB-LT 1284+84.86 TO SB-LT 1285+34.86	0.90
SB-LT 1285+34.86 TO SB-LT 1285+97.36	0.90
SB-LT 1285+97.36 TO SB-LT 1286+22.36	0.90
SB-LT 1073+20.00	1.00
SB-LT 1129+50.00	5.00
SB-LT 1130+92.00	2.00
SB-LT 1131+98.50	2.00
SB-LT 1133+00.00	2.00
NB-RT 1213+48.00	1.00
NB-RT 1298+00.00	1.00
SUB-TOTAL 25.00	
T.R. 37	
LT 43+50.00 TO LT 54+92.00	7.50
RT 43+62.00 TO RT 54+77.00	3.70
SUB-TOTAL 14.00	
C.H. 16	
LT 46+19.00 TO LT 52+66.43	1.30
RT 45+91.00 TO RT 52+66.43	2.50
SUB-TOTAL 9.00	
TOTAL 48.00	

28000400 PERIMETER EROSION BARRIER

T.R. 37	FOOT
LT 43+50.00 TO LT 48+04.00	454
RT 43+62.00 TO RT 48+04.00	442
LT 51+49.00 TO LT 54+92.00	343
RT 51+49.00 TO RT 54+77.00	328
SUB-TOTAL 1600	
C.H. 16	
LT 46+50.00 TO LT 48+00.00	150
RT 45+91.00 TO RT 48+00.00	209
LT 51+48.00 TO LT 52+50.00	102
RT 51+48.00 TO RT 52+50.00	102
SUB-TOTAL 570	
TOTAL 2170	

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USER NAME = bjohnson	DESIGNED - RKA	REVISED -
PLOT SCALE = 1200.0/0000 "x" / ft.	DRAWN - GSJ	REVISED -
PLOT DATE = 10/24/2022	CHECKED - BJJ	REVISED -
	DATE - 10/24/2022	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES
RESURFACING(INT 3RD)

SCALE: 1" = 50' SHEET 1 OF 15 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	*	MONTGOMERY	192	20
CONTRACT NO.72G54				
ILLINOIS FED. AID PROJECT				

*(68-4R51-BY, 68-5HB)D, 68-3R55

25000500 PHOSPHORUS FERTILIZER NUTRIENT

I-55 RESURFACING	POUND
NB-RT 1131+13.10 TO NB-RT 1131+38.10	0.90
NB-RT 1131+38.10 TO NB-RT 1132+00.60	0.90
NB-RT 1132+00.60 TO NB-RT 1132+50.60	0.90
SB-LT 1130+39.61 TO SB-LT 1130+89.61	0.90
SB-LT 1130+89.61 TO SB-LT 1131+52.11	0.90
SB-LT 1131+52.11 TO SB-LT 1131+77.11	0.90
NB-RT 1285+58.29 TO NB-RT 1285+83.29	0.90
NB-RT 1285+83.29 TO NB-RT 1286+45.79	0.90
NB-RT 1286+45.79 TO NB-RT 1286+95.79	0.90
SB-LT 1284+84.86 TO SB-LT 1285+34.86	0.90
SB-LT 1285+34.86 TO SB-LT 1285+97.36	0.90
SB-LT 1285+97.36 TO SB-LT 1286+22.36	0.90
SB-LT 1073+20.00	1.00
SB-LT 1129+50.00	5.00
SB-LT 1130+92.00	2.00
SB-LT 1131+98.50	2.00
SB-LT 1133+00.00	2.00
NB-RT 1213+48.00	1.00
NB-RT 1298+00.00	1.00
SUB-TOTAL	25.00
T.R. 37	
LT 43+50.00 TO LT 54+92.00	7.50
RT 43+62.00 TO RT 54+77.00	3.70
SUB-TOTAL	14.00
C.H. 16	
LT 46+19.00 TO LT 52+66.43	1.30
RT 45+91.00 TO RT 52+66.43	2.50
SUB-TOTAL	9.00
TOTAL	48.00

25000600 POTASSIUM FERTILIZER NUTRIENT

I-55 RESURFACING	POUND
NB-RT 1131+13.10 TO NB-RT 1131+38.10	0.90
NB-RT 1131+38.10 TO NB-RT 1132+00.60	0.90
NB-RT 1132+00.60 TO NB-RT 1132+50.60	0.90
SB-LT 1130+39.61 TO SB-LT 1130+89.61	0.90
SB-LT 1130+89.61 TO SB-LT 1131+52.11	0.90
SB-LT 1131+52.11 TO SB-LT 1131+77.11	0.90
NB-RT 1285+58.29 TO NB-RT 1285+83.29	0.90
NB-RT 1285+83.29 TO NB-RT 1286+45.79	0.90
NB-RT 1286+45.79 TO NB-RT 1286+95.79	0.90
SB-LT 1284+84.86 TO SB-LT 1285+34.86	0.90
SB-LT 1285+34.86 TO SB-LT 1285+97.36	0.90
SB-LT 1285+97.36 TO SB-LT 1286+22.36	0.90
SB-LT 1073+20.00	1.00
SB-LT 1129+50.00	5.00
SB-LT 1130+92.00	2.00
SB-LT 1131+98.50	2.00
SB-LT 1133+00.00	2.00
NB-RT 1213+48.00	1.00
NB-RT 1298+00.00	1.00
SUB-TOTAL	25.00
T.R. 37	
LT 43+50.00 TO LT 54+92.00	7.50
RT 43+62.00 TO RT 54+77.00	3.70
SUB-TOTAL	14.00
C.H. 16	
LT 46+19.00 TO LT 52+66.43	1.30
RT 45+91.00 TO RT 52+66.43	2.50
SUB-TOTAL	9.00
TOTAL	48.00

25100115 MULCH, METHOD 2

I-55 RESURFACING	ACRE
NB-RT 1131+13.10 TO NB-RT 1131+38.10	0.01
NB-RT 1131+38.10 TO NB-RT 1132+00.60	0.01
NB-RT 1132+00.60 TO NB-RT 1132+50.60	0.01
SB-LT 1130+39.61 TO SB-LT 1130+89.61	0.01
SB-LT 1130+89.61 TO SB-LT 1131+52.11	0.01
SB-LT 1131+52.11 TO SB-LT 1131+77.11	0.01
NB-RT 1285+58.29 TO NB-RT 1285+83.29	0.01
NB-RT 1285+83.29 TO NB-RT 1286+45.79	0.01
NB-RT 1286+45.79 TO NB-RT 1286+95.79	0.01
SB-LT 1284+84.86 TO SB-LT 1285+34.86	0.01
SB-LT 1285+34.86 TO SB-LT 1285+97.36	0.01
SB-LT 1285+97.36 TO SB-LT 1286+22.36	0.01
SB-LT 1073+20.00	0.01
SB-LT 1129+50.00	0.05
SB-LT 1130+92.00	0.02
SB-LT 1131+98.50	0.02
SB-LT 1133+00.00	0.02
NB-RT 1213+48.00	0.01
NB-RT 1298+00.00	0.01
SUB-TOTAL	0.30
T.R. 37	
LT 43+50.00 TO LT 54+92.00	0.08
RT 43+62.00 TO RT 54+77.00	0.04
SUB-TOTAL	0.15
C.H. 16	
LT 46+19.00 TO LT 52+66.43	0.01
RT 45+91.00 TO RT 52+66.43	0.03
SUB-TOTAL	0.10
TOTAL	0.50

28000500 INLET AND PIPE PROTECTION

T.R. 37	EACH
LT 48+24.00	1.00
RT 51+31.00	1.00
SUB-TOTAL	2.00
C.H. 16	
LT 48+24.00	1.00
SUB-TOTAL	1.00
TOTAL	3.00

28100105 STONE RIPRAP, CLASS A3

I-55 RESURFACING	SQ YD
RT 1248+18.00	4.7
RT 1261+30.00	9.4
RT 1273+24.50	3.9
RT 1275+00.00	3.1
LT 1298+00.00	25
RT 1298+00.00	1.7
TOTAL	48

28200200 FILTER FABRIC

I-55 RESURFACING	SQ YD
RT 1248+18.00	4.7
RT 1261+30.00	9.4
RT 1273+24.50	3.9
RT 1275+00.00	3.1
LT 1298+00.00	25
RT 1298+00.00	1.7
RT 1304+38.00	15.6
SUB-TOTAL	64
CH 17	
RT 51+80.32	122
SUB-TOTAL	122
TOTAL	186

28100107 STONE RIPRAP, CLASS A4

I-55 RESURFACING	SQ YD
RT 1304+38.00	15.6
TOTAL	16

28100707 STONE DUMPED RIPRAP, CLASS A4

CH 17	SQ YD
RT 51+80.32	122
TOTAL	122

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USER NAME = bjohnson	DESIGNED - RKA	REVISED -
	DRAWN - GSJ	REVISED -
PLOT SCALE = 1200.0,0000 "x" / ft.	CHECKED - BJJ	REVISED -
PLOT DATE = 10/24/2022	DATE - 10/24/2022	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES
RESURFACING(INT 3RD)

SCALE: 1" = 50' SHEET 2 OF 15 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	*	MONTGOMERY	192	21
CONTRACT NO.72G54			ILLINOIS FED. AID PROJECT	

*(68-4R51-BY, 68-5HB)D, 68-3R55

31101200 SUBBASE GRANULAR MATERIAL, TYPE B 4"

CH 17					SQ YD
PRE-STAGE 2					
CL	42+88.00	TO	CL	44+93.56	137
CL	45+58.56	TO	CL	48+45.81	675
CL	51+45.57	TO	CL	55+93.67	441
CL	56+56.48	TO	CL	58+02.00	325
TOTAL					1578

35300300 PORTLAND CEMENT CONCRETE BASE COURSE 8"

CH 17					SQ YD
PRE-STAGE 2					
CL	42+88.00	TO	CL	44+93.56	137
CL	45+58.56	TO	CL	48+45.81	549
CL	51+45.57	TO	CL	55+93.67	441
CL	56+56.48	TO	CL	58+02.00	260
TOTAL					1387

40600370 LONGITUDINAL JOINT SEALANT

I-55 RESURFACING					FOOT
NB-CL	1066+31.00	TO	NB-CL	1095+00.00	2,869
NB-CL	1095+00.00	TO	NB-CL	1125+00.00	3,000
NB-CL	1125+00.00	TO	NB-CL	1155+00.00	3,000
NB-CL	1155+00.00	TO	NB-CL	1185+00.00	3,000
NB-CL	1185+00.00	TO	NB-CL	1215+00.00	3,000
NB-CL	1215+00.00	TO	NB-CL	1245+00.00	3,000
NB-CL	1245+00.00	TO	NB-CL	1275+00.00	3,000
NB-CL	1275+00.00	TO	NB-CL	1305+00.00	3,000
NB-CL	1305+00.00	TO	NB-CL	1335+00.00	3,000
NB-CL	1335+00.00	TO	NB-CL	1354+00.00	1,900
SB-CL	1067+45.00	TO	SB-CL	1095+00.00	2,755
SB-CL	1095+00.00	TO	SB-CL	1125+00.00	3,000
SB-CL	1125+00.00	TO	SB-CL	1155+00.00	3,000
SB-CL	1155+00.00	TO	SB-CL	1185+00.00	3,000
SB-CL	1185+00.00	TO	SB-CL	1215+00.00	3,000
SB-CL	1215+00.00	TO	SB-CL	1245+00.00	3,000
SB-CL	1245+00.00	TO	SB-CL	1275+00.00	3,000
SB-CL	1275+00.00	TO	SB-CL	1305+00.00	3,000
SB-CL	1305+00.00	TO	SB-CL	1335+00.00	3,000
SB-CL	1335+00.00	TO	SB-CL	1354+00.00	1,900
SUB-TOTAL					57,424
CH 17					
RT	42+88.00	TO	RT	44+97.00	209
RT	51+75.00	TO	RT	55+94.00	419
SUB-TOTAL					628
TOTAL					58,052

40600990 TEMPORARY RAMP

I-55 RESURFACING					SQ YD
NB-CL	1066+31.00	TO	NB-CL	1066+61.00	80
NB-CL	1353+70.00	TO	NB-CL	1354+00.00	80
SB-CL	1067+45.00	TO	SB-CL	1067+75.00	80
SB-CL	1353+70.00	TO	SB-CL	1354+00.00	80
SUB-TOTAL					320
T.R. 37					
CL	46+83.63				22
CL	52+58.79				22
SUB-TOTAL					45
C.H. 16					
CL	46+19.00				22
CL	52+66.43				33
SUB-TOTAL					56
TOTAL					421

40602965 HOT-MIX ASPHALT BINDER COURSE, IL-9.5FG, N50

T.R. 37					TON
CL	46+83.63	TO	CL	47+63.63	14.9
CL	51+88.79	TO	CL	52+68.79	14.9
SUB-TOTAL					30
C.H. 16					
CL	46+19.00	TO	CL	47+68.67	27.9
CL	51+87.92	TO	CL	52+37.92	9.3
CL	52+37.92	TO	CL	52+66.43	14.4
SUB-TOTAL					52
TOTAL					82

35501316 HOT-MIX ASPHALT BASE COURSE, 8 "

CH 17					SQ YD
PRE-STAGE A					
LT	41+00.00	TO	LT	44+10.76	344
RT	42+88.00	TO	RT	48+20.03	570
LT	45+99.27	TO	LT	48+41.56	271
LT	51+62.74	TO	LT	55+20.26	390
RT	51+57.74	TO	RT	59+00.00	754
LT	56+86.30	TO	LT	58+02.00	90
TOTAL					2419

40604050 HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "C", N50

T.R. 37					TON
CL	46+83.63	TO	CL	47+63.63	14.9
CL	51+88.79	TO	CL	52+68.79	14.9
SUB-TOTAL					30
C.H. 16					
CL	46+19.00	TO	CL	47+68.67	27.9
CL	51+87.92	TO	CL	52+37.92	9.3
CL	52+37.92	TO	CL	52+66.43	14.4
SUB-TOTAL					52
CH 17					
CL	42+88.00	TO	CL	47+92.13	195
CL	51+87.42	TO	CL	58+02.00	242
SUB-TOTAL					437
TOTAL					519

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Design firm
 no. 184001036

 engineers • planners • land surveyors

USER NAME = bjohanson	DESIGNED - RKA	REVISED -
	DRAWN - GSJ	REVISED -
PLOT SCALE = 100:0.0000 "*" / in.	CHECKED - BJJ	REVISED -
PLOT DATE = 11/1/2022	DATE - 11/1/2022	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES
RESURFACING(INT 3RD)

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	*	MONTGOMERY	192	22
CONTRACT NO.72G54				

ILLINOIS FED. AID PROJECT
*(68-4R51-BY, 68-5HB)D, 68-3R55

40600290 BITUMINOUS MATERIALS (TACK COAT)

I-55 RESURFACING	POUND
NB-LT 1066+31.00 TO NB-LT 1095+00.00	1,435
NB-LT 1095+00.00 TO NB-LT 1125+00.00	1,500
NB-LT 1125+00.00 TO NB-LT 1155+00.00	1,500
NB-LT 1155+00.00 TO NB-LT 1185+00.00	1,500
NB-LT 1185+00.00 TO NB-LT 1215+00.00	1,500
NB-LT 1215+00.00 TO NB-LT 1245+00.00	1,500
NB-LT 1245+00.00 TO NB-LT 1275+00.00	1,500
NB-LT 1275+00.00 TO NB-LT 1305+00.00	1,500
NB-LT 1305+00.00 TO NB-LT 1335+00.00	1,500
NB-LT 1335+00.00 TO NB-LT 1354+00.00	950
NB-RT 1066+31.00 TO NB-RT 1094+04.00	832
NB-RT 1094+04.00 TO NB-RT 1094+64.00	18
NB-RT 1094+64.00 TO NB-RT 1095+00.00	11
NB-RT 1095+00.00 TO NB-RT 1097+69.00	81
NB-RT 1097+69.00 TO NB-RT 1098+93.00	38
NB-RT 1098+93.00 TO NB-RT 1125+00.00	783
NB-RT 1125+00.00 TO NB-RT 1155+00.00	900
NB-RT 1155+00.00 TO NB-RT 1185+00.00	900
NB-RT 1185+00.00 TO NB-RT 1215+00.00	900
NB-RT 1215+00.00 TO NB-RT 1245+00.00	900
NB-RT 1245+00.00 TO NB-RT 1275+00.00	900
NB-RT 1275+00.00 TO NB-RT 1305+00.00	900
NB-RT 1305+00.00 TO NB-RT 1312+97.00	240
NB-RT 1312+97.00 TO NB-RT 1313+57.00	18
NB-RT 1313+57.00 TO NB-RT 1320+91.00	221
NB-RT 1320+91.00 TO NB-RT 1322+15.00	38
NB-RT 1305+00.00 TO NB-RT 1335+00.00	900
NB-RT 1335+00.00 TO NB-RT 1354+00.00	570
I-55 RESURFACING - MEDIAN CROSSOVER	
NB-RT 1094+04.00 TO NB-RT 1094+64.00	65
NB-RT 1094+64.00 TO NB-RT 1095+00.00	22
NB-RT 1095+00.00 TO NB-RT 1097+69.00	162
NB-RT 1097+69.00 TO NB-RT 1098+93.00	38
NB-RT 1312+97.00 TO NB-RT 1313+57.00	65
NB-RT 1313+57.00 TO NB-RT 1320+91.00	441
NB-RT 1320+91.00 TO NB-RT 1322+15.00	38
NB SHLDR SUBTOTAL	24,366

40600290 BITUMINOUS MATERIALS (TACK COAT)

I-55 RESURFACING	POUND
SB-LT 1067+45.00 TO SB-LT 1089+75.00	669
SB-LT 1089+75.00 TO SB-LT 1090+99.00	38
SB-LT 1090+99.00 TO SB-LT 1094+04.00	92
SB-LT 1094+04.00 TO SB-LT 1094+64.00	18
SB-LT 1094+64.00 TO SB-LT 1095+00.00	11
SB-LT 1095+00.00 TO SB-LT 1125+00.00	900
SB-LT 1125+00.00 TO SB-LT 1155+00.00	900
SB-LT 1155+00.00 TO SB-LT 1185+00.00	900
SB-LT 1185+00.00 TO SB-LT 1215+00.00	900
SB-LT 1215+00.00 TO SB-LT 1245+00.00	900
SB-LT 1245+00.00 TO SB-LT 1275+00.00	900
SB-LT 1275+00.00 TO SB-LT 1305+00.00	900
SB-LT 1305+00.00 TO SB-LT 1312+97.00	240
SB-LT 1312+97.00 TO SB-LT 1314+21.00	38
SB-LT 1314+21.00 TO SB-LT 1317+26.00	92
SB-LT 1317+26.00 TO SB-LT 1317+86.00	18
SB-LT 1317+86.00 TO SB-LT 1335+00.00	515
SB-LT 1335+00.00 TO SB-LT 1354+00.00	570
SB-RT 1067+45.00 TO SB-RT 1095+00.00	1,516
SB-RT 1095+00.00 TO SB-RT 1125+00.00	1,650
SB-RT 1125+00.00 TO SB-RT 1155+00.00	1,650
SB-RT 1155+00.00 TO SB-RT 1185+00.00	1,650
SB-RT 1185+00.00 TO SB-RT 1215+00.00	1,650
SB-RT 1215+00.00 TO SB-RT 1245+00.00	1,650
SB-RT 1245+00.00 TO SB-RT 1275+00.00	1,650
SB-RT 1275+00.00 TO SB-RT 1305+00.00	1,650
SB-RT 1305+00.00 TO SB-RT 1335+00.00	1,650
SB-RT 1335+00.00 TO SB-RT 1354+00.00	1,045
I-55 RESURFACING - MEDIAN CROSSOVER	
SB-LT 1089+75.00 TO SB-LT 1090+99.00	38
SB-LT 1090+99.00 TO SB-LT 1094+04.00	183
SB-LT 1094+04.00 TO SB-LT 1094+64.00	65
SB-LT 1312+97.00 TO SB-LT 1314+21.00	38
SB-LT 1314+21.00 TO SB-LT 1317+26.00	183
SB-LT 1317+26.00 TO SB-LT 1317+86.00	65
SB SHLDR SUBTOTAL	24,934

40600290 BITUMINOUS MATERIALS (TACK COAT)

I-55 RESURFACING	POUND	
NB-CL 1066+31.00 TO NB-CL 1095+00.00	5,165	
NB-CL 1095+00.00 TO NB-CL 1125+00.00	5,400	
NB-CL 1125+00.00 TO NB-CL 1155+00.00	5,400	
NB-CL 1155+00.00 TO NB-CL 1185+00.00	5,400	
NB-CL 1185+00.00 TO NB-CL 1215+00.00	5,400	
NB-CL 1215+00.00 TO NB-CL 1245+00.00	5,400	
NB-CL 1245+00.00 TO NB-CL 1275+00.00	5,400	
NB-CL 1275+00.00 TO NB-CL 1305+00.00	5,400	
NB-CL 1305+00.00 TO NB-CL 1335+00.00	5,400	
NB-CL 1335+00.00 TO NB-CL 1354+00.00	3,420	
SB-CL 1067+45.00 TO SB-CL 1095+00.00	4,959	
SB-CL 1095+00.00 TO SB-CL 1125+00.00	5,400	
SB-CL 1125+00.00 TO SB-CL 1155+00.00	5,400	
SB-CL 1155+00.00 TO SB-CL 1185+00.00	5,400	
SB-CL 1185+00.00 TO SB-CL 1215+00.00	5,400	
SB-CL 1215+00.00 TO SB-CL 1245+00.00	5,400	
SB-CL 1245+00.00 TO SB-CL 1275+00.00	5,400	
SB-CL 1275+00.00 TO SB-CL 1305+00.00	5,400	
SB-CL 1305+00.00 TO SB-CL 1335+00.00	5,400	
SB-CL 1335+00.00 TO SB-CL 1354+00.00	3,420	
MAINLINE SUBTOTAL		103,364
TOTAL		152,664

40600290 BITUMINOUS MATERIALS (TACK COAT)

T.R. 37	POUND	
CL 46+83.63 TO CL 47+63.63	40.0	
CL 46+83.63 TO CL 47+63.63	80.0	
CL 51+88.79 TO CL 52+68.79	40.0	
CL 51+88.79 TO CL 52+68.79	80.0	
SUB-TOTAL		240
C.H. 16		
CL 46+19.00 TO CL 47+68.67	74.8	
CL 46+19.00 TO CL 47+68.67	149.7	
CL 51+87.92 TO CL 52+37.92	25.0	
CL 51+87.92 TO CL 52+37.92	50.0	
CL 52+37.92 TO CL 52+66.43	38.5	
CL 57+37.92 TO CL 52+66.43	77.0	
SUB-TOTAL		415
CH 17		
LT 41+00.00 TO LT 44+10.76	233	
RT 42+88.00 TO RT 48+20.03	385	
LT 45+99.27 TO LT 48+41.56	182	
LT 51+62.74 TO LT 55+20.26	263	
RT 51+57.74 TO RT 59+00.00	506	
LT 56+86.30 TO LT 58+02.00	61	
LT 42+88.00 TO LT 47+92.13	1,436	
RT 51+87.42 TO RT 58+02.00	1,809	
SUB-TOTAL		4,875
TOTAL		5,530

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USER NAME = bjohanson	DESIGNED - RKA	REVISED -
PLOT SCALE = 1200.0,0000 "x" / ft.	DRAWN - GSJ	REVISED -
PLOT DATE = 10/24/2022	CHECKED - BJJ	REVISED -
	DATE - 10/24/2022	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES RESURFACING(INT 3RD)			
SCALE: 1" = 50'	SHEET 4	OF 15 SHEETS	STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	*	MONTGOMERY	192	23
CONTRACT NO.72G54			ILLINOIS FED. AID PROJECT	

*(68-4R51-BY, 68-5HB)D, 68-3R55

40605010 POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, STONE MATRIX ASPHALT 12.5, N50

I-55 RESURFACING	TON
NB-PL 1066+31.00 TO NB-PL 1095+00.00	654
NB-PL 1095+00.00 TO NB-PL 1125+00.00	684
NB-PL 1125+00.00 TO NB-PL 1155+00.00	684
NB-PL 1155+00.00 TO NB-PL 1185+00.00	684
NB-PL 1185+00.00 TO NB-PL 1215+00.00	684
NB-PL 1215+00.00 TO NB-PL 1245+00.00	684
NB-PL 1245+00.00 TO NB-PL 1275+00.00	684
NB-PL 1275+00.00 TO NB-PL 1305+00.00	684
NB-PL 1305+00.00 TO NB-PL 1335+00.00	684
NB-PL 1335+00.00 TO NB-PL 1354+00.00	433
SB-PL 1067+45.00 TO SB-PL 1095+00.00	628
SB-PL 1095+00.00 TO SB-PL 1125+00.00	684
SB-PL 1125+00.00 TO SB-PL 1155+00.00	684
SB-PL 1155+00.00 TO SB-PL 1185+00.00	684
SB-PL 1185+00.00 TO SB-PL 1215+00.00	684
SB-PL 1215+00.00 TO SB-PL 1245+00.00	684
SB-PL 1245+00.00 TO SB-PL 1275+00.00	684
SB-PL 1275+00.00 TO SB-PL 1305+00.00	684
SB-PL 1305+00.00 TO SB-PL 1335+00.00	684
SB-PL 1335+00.00 TO SB-PL 1354+00.00	433
TOTAL	13,092

40605024 POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, STONE MATRIX ASPHALT, 9.5, MIX "E", N80

I-55 RESURFACING	TON
NB-CL 1066+31.00 TO NB-CL 1095+00.00	654
NB-CL 1095+00.00 TO NB-CL 1125+00.00	684
NB-CL 1125+00.00 TO NB-CL 1155+00.00	684
NB-CL 1155+00.00 TO NB-CL 1185+00.00	684
NB-CL 1185+00.00 TO NB-CL 1215+00.00	684
NB-CL 1215+00.00 TO NB-CL 1245+00.00	684
NB-CL 1245+00.00 TO NB-CL 1275+00.00	684
NB-CL 1275+00.00 TO NB-CL 1305+00.00	684
NB-CL 1305+00.00 TO NB-CL 1335+00.00	684
NB-CL 1335+00.00 TO NB-CL 1354+00.00	433
SB-CL 1067+45.00 TO SB-CL 1095+00.00	628
SB-CL 1095+00.00 TO SB-CL 1125+00.00	684
SB-CL 1125+00.00 TO SB-CL 1155+00.00	684
SB-CL 1155+00.00 TO SB-CL 1185+00.00	684
SB-CL 1185+00.00 TO SB-CL 1215+00.00	684
SB-CL 1215+00.00 TO SB-CL 1245+00.00	684
SB-CL 1245+00.00 TO SB-CL 1275+00.00	684
SB-CL 1275+00.00 TO SB-CL 1305+00.00	684
SB-CL 1305+00.00 TO SB-CL 1335+00.00	684
SB-CL 1335+00.00 TO SB-CL 1354+00.00	433
TOTAL	13,092

44000100 PAVEMENT REMOVAL

T.R. 37	SQ YD
CL 47+63.60 TO CL 48+03.10	87.8
CL 51+49.30 TO CL 51+88.80	87.8
SUB-TOTAL	176
C.H. 16	
CL 47+68.70 TO CL 48+08.20	87.8
CL 51+48.40 TO CL 51+87.90	105.3
SUB-TOTAL	194
TOTAL	370

44000167 HOT-MIX ASPHALT SURFACE REMOVAL, 4 1/2"

I-55 RESURFACING	SQ YD
NB-CL 1066+31.00 TO NB-CL 1095+00.00	7,651
NB-CL 1095+00.00 TO NB-CL 1125+00.00	8,000
NB-CL 1125+00.00 TO NB-CL 1155+00.00	8,000
NB-CL 1155+00.00 TO NB-CL 1185+00.00	8,000
NB-CL 1185+00.00 TO NB-CL 1215+00.00	8,000
NB-CL 1215+00.00 TO NB-CL 1245+00.00	8,000
NB-CL 1245+00.00 TO NB-CL 1275+00.00	8,000
NB-CL 1275+00.00 TO NB-CL 1305+00.00	8,000
NB-CL 1305+00.00 TO NB-CL 1335+00.00	8,000
NB-CL 1335+00.00 TO NB-CL 1354+00.00	5,067
SB-CL 1067+45.00 TO SB-CL 1095+00.00	7,347
SB-CL 1095+00.00 TO SB-CL 1125+00.00	8,000
SB-CL 1125+00.00 TO SB-CL 1155+00.00	8,000
SB-CL 1155+00.00 TO SB-CL 1185+00.00	8,000
SB-CL 1185+00.00 TO SB-CL 1215+00.00	8,000
SB-CL 1215+00.00 TO SB-CL 1245+00.00	8,000
SB-CL 1245+00.00 TO SB-CL 1275+00.00	8,000
SB-CL 1275+00.00 TO SB-CL 1305+00.00	8,000
SB-CL 1305+00.00 TO SB-CL 1335+00.00	8,000
SB-CL 1335+00.00 TO SB-CL 1354+00.00	5,067
TOTAL	153,132

40605015 POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, STONE MATRIX ASPHALT 12.5, N80

I-55 RESURFACING	TON
NB-DL 1066+31.00 TO NB-DL 1095+00.00	654
NB-DL 1095+00.00 TO NB-DL 1125+00.00	684
NB-DL 1125+00.00 TO NB-DL 1155+00.00	684
NB-DL 1155+00.00 TO NB-DL 1185+00.00	684
NB-DL 1185+00.00 TO NB-DL 1215+00.00	684
NB-DL 1215+00.00 TO NB-DL 1245+00.00	684
NB-DL 1245+00.00 TO NB-DL 1275+00.00	684
NB-DL 1275+00.00 TO NB-DL 1305+00.00	684
NB-DL 1305+00.00 TO NB-DL 1335+00.00	684
NB-DL 1335+00.00 TO NB-DL 1354+00.00	433
SB-DL 1067+45.00 TO SB-DL 1095+00.00	628
SB-DL 1095+00.00 TO SB-DL 1125+00.00	684
SB-DL 1125+00.00 TO SB-DL 1155+00.00	684
SB-DL 1155+00.00 TO SB-DL 1185+00.00	684
SB-DL 1185+00.00 TO SB-DL 1215+00.00	684
SB-DL 1215+00.00 TO SB-DL 1245+00.00	684
SB-DL 1245+00.00 TO SB-DL 1275+00.00	684
SB-DL 1275+00.00 TO SB-DL 1305+00.00	684
SB-DL 1305+00.00 TO SB-DL 1335+00.00	684
SB-DL 1335+00.00 TO SB-DL 1354+00.00	433
TOTAL	13,092

40800050 INCIDENTAL HOT-MIX ASPHALT SURFACING

I-55 RESURFACING	TON
CL 1094+04.00 TO CL 1094+64.00	25
CL 1317+26.00 TO CL 1317+86.00	25
TOTAL	50

42000070 PAVEMENT CONNECTOR (HMA) FOR BRIDGE APPROACH SLAB

T.R. 37	SQ YD
CL 47+63.63 TO CL 47+73.60	32.1
CL 51+78.79 TO CL 51+88.79	32.2
SUB-TOTAL	65
C.H. 16	
CL 47+68.70 TO CL 47+78.70	32.2
CL 51+77.90 TO CL 51+87.90	32.2
SUB-TOTAL	65
CH 17	
CL 47+92.13 TO CL 48+15.81	174
CL 51+75.57 TO CL 51+87.42	87
SUB-TOTAL	262
TOTAL	392

44004250 PAVED SHOULDER REMOVAL

CH 17	SQ YD
LT 41+00.00 TO LT 44+10.76	344
RT 42+88.00 TO RT 48+20.03	570
LT 45+99.27 TO LT 48+41.56	271
LT 51+62.74 TO LT 55+20.26	390
RT 51+57.74 TO RT 59+00.00	754
LT 56+86.30 TO LT 58+02.00	90
TOTAL	2419

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USER NAME = bjohanson	DESIGNED - RKA	REVISED -
PLOT SCALE = 1200.0/0000 '*' / ft.	DRAWN - GSJ	REVISED -
PLOT DATE = 10/24/2022	CHECKED - BJJ	REVISED -
	DATE - 10/24/2022	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SCHEDULE OF QUANTITIES
RESURFACING(INT 3RD)**

SCALE: 1" = 50' SHEET 5 OF 15 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	*	MONTGOMERY	192	24
			CONTRACT NO.72G54	
ILLINOIS FED. AID PROJECT				

*(68-4R51-BY, 68-5HB)D, 68-3R55

44000155 HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2"

I-55 RESURFACING	SQ YD
NB-LT 1066+31.00 TO NB-LT 1095+00.00	3,188
NB-LT 1095+00.00 TO NB-LT 1125+00.00	3,334
NB-LT 1125+00.00 TO NB-LT 1155+00.00	3,334
NB-LT 1155+00.00 TO NB-LT 1185+00.00	3,334
NB-LT 1185+00.00 TO NB-LT 1215+00.00	3,334
NB-LT 1215+00.00 TO NB-LT 1245+00.00	3,334
NB-LT 1245+00.00 TO NB-LT 1275+00.00	3,334
NB-LT 1275+00.00 TO NB-LT 1305+00.00	3,334
NB-LT 1305+00.00 TO NB-LT 1335+00.00	3,334
NB-LT 1335+00.00 TO NB-LT 1354+00.00	2,112
NB-RT 1066+31.00 TO NB-RT 1094+04.00	1,849
NB-RT 1094+04.00 TO NB-RT 1094+64.00	40
NB-RT 1094+64.00 TO NB-RT 1095+00.00	24
NB-RT 1095+00.00 TO NB-RT 1097+69.00	180
NB-RT 1097+69.00 TO NB-RT 1098+93.00	83
NB-RT 1098+93.00 TO NB-RT 1125+00.00	1,738
NB-RT 1125+00.00 TO NB-RT 1155+00.00	2,000
NB-RT 1155+00.00 TO NB-RT 1185+00.00	2,000
NB-RT 1185+00.00 TO NB-RT 1215+00.00	2,000
NB-RT 1215+00.00 TO NB-RT 1245+00.00	2,000
NB-RT 1245+00.00 TO NB-RT 1275+00.00	2,000
NB-RT 1275+00.00 TO NB-RT 1305+00.00	2,000
NB-RT 1305+00.00 TO NB-RT 1312+97.00	532
NB-RT 1312+97.00 TO NB-RT 1313+57.00	40
NB-RT 1313+57.00 TO NB-RT 1320+91.00	490
NB-RT 1320+91.00 TO NB-RT 1322+15.00	83
NB-RT 1305+00.00 TO NB-RT 1335+00.00	2,003
NB-RT 1335+00.00 TO NB-RT 1354+00.00	1,267
I-55 RESURFACING - MEDIAN CROSSOVER	
NB-RT 1094+04.00 TO NB-RT 1094+64.00	145
NB-RT 1312+97.00 TO NB-RT 1313+57.00	145
NB SUBTOTAL	52,591

44200610 CLASS A PATCHES, TYPE II, 13 INCH

I-55 RESURFACING	SQ YD
NB MM 65.81	8.9
NB MM 67.1	8.9
NB MM 67.45	8.9
NB MM 68.35	8.9
NB MM 68.70	10.7
SB MM 70.90	8.9
SB MM 70.81	8.9
SB MM 70.80	8.9
SB MM 70.75	8.9
SB MM 65.95	8.9
SB MM 65.92	8.9
TOTAL	100

44000155 HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2"

I-55 RESURFACING	SQ YD
SB-LT 1067+45.00 TO SB-LT 1089+75.00	1,487
SB-LT 1089+75.00 TO SB-LT 1090+99.00	83
SB-LT 1090+99.00 TO SB-LT 1094+04.00	204
SB-LT 1094+04.00 TO SB-LT 1094+64.00	40
SB-LT 1094+64.00 TO SB-LT 1095+00.00	24
SB-LT 1095+00.00 TO SB-LT 1125+00.00	2,000
SB-LT 1125+00.00 TO SB-LT 1155+00.00	2,000
SB-LT 1155+00.00 TO SB-LT 1185+00.00	2,000
SB-LT 1185+00.00 TO SB-LT 1215+00.00	2,000
SB-LT 1215+00.00 TO SB-LT 1245+00.00	2,000
SB-LT 1245+00.00 TO SB-LT 1275+00.00	2,000
SB-LT 1275+00.00 TO SB-LT 1305+00.00	2,000
SB-LT 1305+00.00 TO SB-LT 1312+97.00	532
SB-LT 1312+97.00 TO SB-LT 1314+21.00	83
SB-LT 1314+21.00 TO SB-LT 1317+26.00	204
SB-LT 1317+26.00 TO SB-LT 1317+86.00	40
SB-LT 1317+86.00 TO SB-LT 1335+00.00	1,143
SB-LT 1335+00.00 TO SB-LT 1354+00.00	1,267
SB-RT 1067+45.00 TO SB-RT 1095+00.00	3,368
SB-RT 1095+00.00 TO SB-RT 1125+00.00	3,667
SB-RT 1125+00.00 TO SB-RT 1155+00.00	3,667
SB-RT 1155+00.00 TO SB-RT 1185+00.00	3,667
SB-RT 1185+00.00 TO SB-RT 1215+00.00	3,667
SB-RT 1215+00.00 TO SB-RT 1245+00.00	3,667
SB-RT 1245+00.00 TO SB-RT 1275+00.00	3,667
SB-RT 1275+00.00 TO SB-RT 1305+00.00	3,667
SB-RT 1305+00.00 TO SB-RT 1335+00.00	3,667
SB-RT 1335+00.00 TO SB-RT 1354+00.00	2,323
I-55 RESURFACING - MEDIAN CROSSOVER	
SB-LT 1094+04.00 TO SB-LT 1094+64.00	145
SB-LT 1317+26.00 TO SB-LT 1317+86.00	145
SB SUBTOTAL	54,424
TOTAL	107,015

44213000 PATCHING REINFORCEMENT

I-55 RESURFACING	SQ YD
NB MM 65.81	8.9
NB MM 67.1	8.9
NB MM 67.45	8.9
NB MM 68.35	8.9
NB MM 68.70	10.7
SB MM 70.90	8.9
SB MM 70.81	8.9
SB MM 70.80	8.9
SB MM 70.75	8.9
SB MM 65.95	8.9
SB MM 65.92	8.9
TOTAL	100

44000155 HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2"

CH 17	SQ YD
CL 42+88.00 TO CL 47+92.13	3192
CL 51+87.42 TO CL 58+02.00	4020
TOTAL	7212

44213200 SAW CUTS

I-55 RESURFACING	FOOT
NB MM 65.81	52.0
NB MM 67.1	52.0
NB MM 67.45	52.0
NB MM 68.35	52.0
NB MM 68.70	64.0
SB MM 70.90	52.0
SB MM 70.81	52.0
SB MM 70.80	52.0
SB MM 70.75	52.0
SB MM 65.95	52.0
SB MM 65.92	52.0
TOTAL	584

48101200 AGGREGATE SHOULDERS, TYPE B

T.R. 37	TON
LT 43+50.00 TO LT 47+88.63	80.4
RT 43+61.96 TO RT 47+88.63	69.1
LT 51+63.79 TO LT 54+49.11	56.0
RT 51+63.79 TO RT 54+96.25	55.5
SUB-TOTAL	261.0
C.H. 16	
LT 46+60.27 TO LT 47+93.67	23.2
RT 45+85.26 TO RT 47+93.67	36.5
LT 51+62.92 TO LT 52+66.43	16.8
RT 51+62.92 TO RT 52+66.43	16.5
SUB-TOTAL	93.0
TOTAL	354.0

54213447 END SECTIONS 12"

CH 17	EACH
RT 51+80.04	1
TOTAL	1

MODEL Path: h:\projects\civil\design\9490_01_155_Resurfacing\DWG\IUCADD\CAD_Sheets\067254-Lt-rt-schedule.dwg

design firm
no. 184001036

engineers • planners • land surveyors

USER NAME = bjohanson	DESIGNED - RKA	REVISED -
PLOT SCALE = 1:2000.0,0000 "*" / ft.	DRAWN - GSJ	REVISED -
PLOT DATE = 10/24/2022	CHECKED - BJJ	REVISED -
	DATE - 10/24/2022	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

**SCHEDULE OF QUANTITIES
RESURFACING(INT 3RD)**

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	*	MONTGOMERY	192	25
			CONTRACT NO.72G54	
ILLINOIS FED. AID PROJECT				

*(68-4R51-BY, 68-5HB)D, 68-3R55

48102100 AGGREGATE WEDGE SHOULDER, TYPE B

I-55 RESURFACING	TON
NB-LT 1066+31.00 TO NB-LT 1095+00.00	86
NB-LT 1095+00.00 TO NB-LT 1125+00.00	89
NB-LT 1125+00.00 TO NB-LT 1155+00.00	89
NB-LT 1155+00.00 TO NB-LT 1185+00.00	89
NB-LT 1185+00.00 TO NB-LT 1215+00.00	89
NB-LT 1215+00.00 TO NB-LT 1245+00.00	89
NB-LT 1245+00.00 TO NB-LT 1275+00.00	89
NB-LT 1275+00.00 TO NB-LT 1305+00.00	89
NB-LT 1305+00.00 TO NB-LT 1335+00.00	89
NB-LT 1335+00.00 TO NB-LT 1354+00.00	57
NB-RT 1066+31.00 TO NB-RT 1094+04.00	83
NB-RT 1094+04.00 TO NB-RT 1094+64.00	3
NB-RT 1094+64.00 TO NB-RT 1095+00.00	2
NB-RT 1095+00.00 TO NB-RT 1097+69.00	8
NB-RT 1097+69.00 TO NB-RT 1098+93.00	4
NB-RT 1098+93.00 TO NB-RT 1125+00.00	78
NB-RT 1125+00.00 TO NB-RT 1155+00.00	89
NB-RT 1155+00.00 TO NB-RT 1185+00.00	89
NB-RT 1185+00.00 TO NB-RT 1215+00.00	89
NB-RT 1215+00.00 TO NB-RT 1245+00.00	89
NB-RT 1245+00.00 TO NB-RT 1275+00.00	89
NB-RT 1275+00.00 TO NB-RT 1305+00.00	89
NB-RT 1305+00.00 TO NB-RT 1312+97.00	24
NB-RT 1312+97.00 TO NB-RT 1313+57.00	3
NB-RT 1313+57.00 TO NB-RT 1320+91.00	22
NB-RT 1320+91.00 TO NB-RT 1322+15.00	4
NB-RT 1305+00.00 TO NB-RT 1335+00.00	90
NB-RT 1335+00.00 TO NB-RT 1354+00.00	57
NB SUBTOTAL	1,767

60262700 INLETS TO BE RECONSTRUCTED

I-55 RESURFACING	EACH
MEDIAN 1065+00.00	1
TOTAL	1

60920030 PIPE CULVERTS TO BE CLEANED 30"

I-55 RESURFACING	FOOT
MEDIAN 1191+58.00	25
TOTAL	25

48102100 AGGREGATE WEDGE SHOULDER, TYPE B

I-55 RESURFACING	TON
SB-LT 1067+45.00 TO SB-LT 1089+75.00	67
SB-LT 1089+75.00 TO SB-LT 1090+99.00	4
SB-LT 1090+99.00 TO SB-LT 1094+04.00	10
SB-LT 1094+04.00 TO SB-LT 1094+64.00	3
SB-LT 1094+64.00 TO SB-LT 1095+00.00	2
SB-LT 1095+00.00 TO SB-LT 1125+00.00	89
SB-LT 1125+00.00 TO SB-LT 1155+00.00	89
SB-LT 1155+00.00 TO SB-LT 1215+00.00	89
SB-LT 1215+00.00 TO SB-LT 1245+00.00	89
SB-LT 1245+00.00 TO SB-LT 1275+00.00	89
SB-LT 1275+00.00 TO SB-LT 1305+00.00	89
SB-LT 1305+00.00 TO SB-LT 1312+97.00	24
SB-LT 1312+97.00 TO SB-LT 1314+21.00	4
SB-LT 1314+21.00 TO SB-LT 1317+26.00	10
SB-LT 1317+26.00 TO SB-LT 1317+86.00	3
SB-LT 1317+86.00 TO SB-LT 1335+00.00	51
SB-LT 1335+00.00 TO SB-LT 1354+00.00	57
SB-RT 1067+45.00 TO SB-RT 1095+00.00	82
SB-RT 1095+00.00 TO SB-RT 1125+00.00	89
SB-RT 1125+00.00 TO SB-RT 1155+00.00	89
SB-RT 1155+00.00 TO SB-RT 1185+00.00	89
SB-RT 1185+00.00 TO SB-RT 1215+00.00	89
SB-RT 1215+00.00 TO SB-RT 1245+00.00	89
SB-RT 1245+00.00 TO SB-RT 1275+00.00	89
SB-RT 1275+00.00 TO SB-RT 1305+00.00	89
SB-RT 1305+00.00 TO SB-RT 1335+00.00	89
SB-RT 1335+00.00 TO SB-RT 1354+00.00	57
SB SUBTOTAL	1,709
TOTAL	3,476

60920048 PIPE CULVERTS TO BE CLEANED 48"

I-55 RESURFACING	FOOT
MEDIAN 1248+18.00	5
RT 1248+18.00	5
TOTAL	10

61000225 TYPE F INLET BOX, STANDARD 610001

CH 17	EACH
RT 51+80.42 RT	1
TOTAL	1

48102100 AGGREGATE WEDGE SHOULDERS, TYPE B

CH 17	TON
CL 46+19.54 TO CL 48+17.94	5
CL 51+63.15 TO CL 53+52.22	4
TOTAL	9

54261224 CONCRETE END SECTION, STANDARD 542001, 24", 1:2

I-55 RESURFACING	EACH
LT 1144+00.00	1
TOTAL	1

54261230 CONCRETE END SECTION, STANDARD 542001, 30", 1:2

I-55 RESURFACING	EACH
LT 1133+00.00	1
LT 1138+00.00	1
TOTAL	2

59300100 CONTROLLED LOW-STRENGTH MATERIAL

I-55 RESURFACING	CU YD
MEDIAN 1065+00.00	31
TOTAL	31

60100945 PIPE DRAINS 12"

CH 17	FOOT
RT 51+80.42	10
TOTAL	10

63000001 STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS

T.R. 37	FOOT
LT 44+51.73 TO LT 47+51.73	300.0
RT 44+64.23 TO RT 47+51.73	287.5
LT 52+00.69 TO LT 53+88.19	187.5
RT 52+00.69 TO RT 53+75.69	175.0
SUB-TOTAL	950.0
CH 17	FOOT
RT 47+03.95 TO RT 47+80.02	75
LT 51+98.97 TO LT 52+71.89	75
SUB-TOTAL	150
TOTAL	1100

MODEL Path: \\s:\projects\civil\design\9490_01\55_Resurfacing\DWG\110CADD\CAD_Sheets\067254-LT-Sch-Schedule.dgn
FILE NAME: C:\SP\WHKS & CO\lab-spring - Projects\Civil Design\9490_01\55_Resurfacing\DWG\110CADD\CAD_Sheets\067254-LT-Sch-Schedule.dgn



USER NAME = bjohanson	DESIGNED - RKA	REVISED -
PLOT SCALE = 1200.0/0000 "x" / ft.	DRAWN - GSJ	REVISED -
PLOT DATE = 10/24/2022	CHECKED - BJJ	REVISED -
	DATE - 10/24/2022	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES
RESURFACING(INT 3RD)

SCALE: 1" = 50' SHEET 7 OF 15 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	*	MONTGOMERY	192	26
			CONTRACT NO.72G54	

48203100 HOT-MIX ASPHALT SHOULDERS

I-55 RESURFACING	TON
NB-LT 1066+31.00 TO NB-LT 1095+00.00	276
NB-LT 1095+00.00 TO NB-LT 1125+00.00	289
NB-LT 1125+00.00 TO NB-LT 1155+00.00	289
NB-LT 1155+00.00 TO NB-LT 1185+00.00	289
NB-LT 1185+00.00 TO NB-LT 1215+00.00	289
NB-LT 1215+00.00 TO NB-LT 1245+00.00	289
NB-LT 1245+00.00 TO NB-LT 1275+00.00	289
NB-LT 1275+00.00 TO NB-LT 1305+00.00	289
NB-LT 1305+00.00 TO NB-LT 1335+00.00	289
NB-LT 1335+00.00 TO NB-LT 1354+00.00	183
NB-RT 1066+31.00 TO NB-RT 1094+04.00	162
NB-RT 1094+04.00 TO NB-RT 1094+64.00	4
NB-RT 1094+64.00 TO NB-RT 1095+00.00	3
NB-RT 1095+00.00 TO NB-RT 1097+69.00	16
NB-RT 1097+69.00 TO NB-RT 1098+93.00	8
NB-RT 1098+93.00 TO NB-RT 1125+00.00	152
NB-RT 1125+00.00 TO NB-RT 1155+00.00	175
NB-RT 1155+00.00 TO NB-RT 1185+00.00	175
NB-RT 1185+00.00 TO NB-RT 1215+00.00	175
NB-RT 1215+00.00 TO NB-RT 1245+00.00	175
NB-RT 1245+00.00 TO NB-RT 1275+00.00	175
NB-RT 1275+00.00 TO NB-RT 1305+00.00	175
NB-RT 1305+00.00 TO NB-RT 1312+97.00	47
NB-RT 1312+97.00 TO NB-RT 1313+57.00	4
NB-RT 1313+57.00 TO NB-RT 1320+91.00	43
NB-RT 1320+91.00 TO NB-RT 1322+15.00	8
NB-RT 1305+00.00 TO NB-RT 1335+00.00	175
NB-RT 1335+00.00 TO NB-RT 1354+00.00	111
I-55 RESURFACING - MEDIAN CROSSOVER	
NB-RT 1094+04.00 TO NB-RT 1094+64.00	-
NB-RT 1094+64.00 TO NB-RT 1095+00.00	11
NB-RT 1095+00.00 TO NB-RT 1097+69.00	78
NB-RT 1097+69.00 TO NB-RT 1098+93.00	21
NB-RT 1312+97.00 TO NB-RT 1313+57.00	-
NB-RT 1313+57.00 TO NB-RT 1320+91.00	212
NB-RT 1320+91.00 TO NB-RT 1322+15.00	21
NB SUBTOTAL	
	4,897

63100045 TRAFFIC BARRIER TERMINAL, TYPE 2

I-55 RESURFACING	EACH
NB-RT 1131+00.60 TO NB-RT 1131+13.10	1
SB-LT 1131+77.11 TO SB-LT 1131+89.61	1
SB-RT 1131+40.75 TO SB-RT 1131+53.25	1
NB-RT 1285+45.79 TO NB-RT 1285+58.29	1
SB-LT 1286+22.36 TO SB-LT 1286+34.86	1
SB-RT 1285+81.14 TO SB-RT 1285+93.64	1
TOTAL	
	6

48203100 HOT-MIX ASPHALT SHOULDERS

I-55 RESURFACING	TON
SB-LT 1067+45.00 TO SB-LT 1089+75.00	130
SB-LT 1089+75.00 TO SB-LT 1090+99.00	8
SB-LT 1090+99.00 TO SB-LT 1094+04.00	18
SB-LT 1094+04.00 TO SB-LT 1094+64.00	4
SB-LT 1094+64.00 TO SB-LT 1095+00.00	3
SB-LT 1095+00.00 TO SB-LT 1125+00.00	175
SB-LT 1125+00.00 TO SB-LT 1155+00.00	175
SB-LT 1155+00.00 TO SB-LT 1185+00.00	175
SB-LT 1185+00.00 TO SB-LT 1215+00.00	175
SB-LT 1215+00.00 TO SB-LT 1245+00.00	175
SB-LT 1245+00.00 TO SB-LT 1275+00.00	175
SB-LT 1275+00.00 TO SB-LT 1305+00.00	175
SB-LT 1305+00.00 TO SB-LT 1312+97.00	47
SB-LT 1312+97.00 TO SB-LT 1314+21.00	8
SB-LT 1314+21.00 TO SB-LT 1317+26.00	18
SB-LT 1317+26.00 TO SB-LT 1317+86.00	4
SB-LT 1317+86.00 TO SB-LT 1335+00.00	100
SB-LT 1335+00.00 TO SB-LT 1354+00.00	111
SB-RT 1067+45.00 TO SB-RT 1095+00.00	291
SB-RT 1095+00.00 TO SB-RT 1125+00.00	317
SB-RT 1125+00.00 TO SB-RT 1155+00.00	317
SB-RT 1155+00.00 TO SB-RT 1185+00.00	317
SB-RT 1185+00.00 TO SB-RT 1215+00.00	317
SB-RT 1215+00.00 TO SB-RT 1245+00.00	317
SB-RT 1245+00.00 TO SB-RT 1275+00.00	317
SB-RT 1275+00.00 TO SB-RT 1305+00.00	317
SB-RT 1305+00.00 TO SB-RT 1335+00.00	317
SB-RT 1335+00.00 TO SB-RT 1354+00.00	201
I-55 RESURFACING - MEDIAN CROSSOVER	
SB-LT 1089+75.00 TO SB-LT 1090+99.00	21
SB-LT 1090+99.00 TO SB-LT 1094+04.00	88
SB-LT 1094+04.00 TO SB-LT 1094+64.00	-
SB-LT 1312+97.00 TO SB-LT 1314+21.00	21
SB-LT 1314+21.00 TO SB-LT 1317+26.00	88
SB-LT 1317+26.00 TO SB-LT 1317+86.00	-
SB SUBTOTAL	
	4,922
TOTAL	
	9,819

48203100 HOT-MIX ASPHALT SHOULDERS

CH 17	TON
LT 42+88.00 TO LT 44+10.76	10
RT 42+88.00 TO RT 48+20.03	48
LT 45+99.27 TO LT 48+41.56	22
LT 51+62.74 TO LT 55+20.26	32
RT 51+57.74 TO RT 58+02.00	59
LT 56+86.30 TO LT 58+02.00	10
TOTAL	
	181

63000003 STEEL PLATE BEAM GUARDRAIL, TYPE A, 9 FOOT POSTS

I-55 RESURFACING	FOOT
NB-LT 1066+24.61 TO NB-LT 1068+87.11	262.5
NB-RT 1066+63.74 TO NB-RT 1070+51.24	387.5
NB-RT 1131+13.10 TO NB-RT 1131+38.10	25.0
NB-RT 1131+38.10 TO NB-RT 1132+00.60	62.5
SB-LT 1130+89.61 TO SB-LT 1131+52.11	62.5
SB-LT 1131+52.11 TO SB-LT 1131+77.11	25.0
SB-RT 1128+90.75 TO SB-RT 1131+15.75	225.0
SB-RT 1131+15.75 TO SB-RT 1131+40.75	25.0
NB-RT 1285+58.29 TO NB-RT 1285+83.29	25.0
NB-RT 1285+83.29 TO NB-RT 1286+45.79	62.5
SB-LT 1285+34.86 TO SB-LT 1285+97.36	62.5
SB-LT 1285+97.36 TO SB-LT 1286+22.36	25.0
SB-RT 1283+31.14 TO SB-RT 1285+56.14	225.0
SB-RT 1285+56.14 TO SB-RT 1285+81.14	25.0
SUB-TOTAL	
	1,500
C.H. 16	
LT 47+44.27 TO LT 47+56.77	12.5
RT 46+69.27 TO RT 47+56.77	87.5
SUB-TOTAL	
	100
TOTAL	
	1600

70300100 SHORT TERM PAVEMENT MARKING

I-55 RESURFACING	FOOT
NB-LT 1066+31.00 TO NB-LT 1354+00.00 SLD WHITE	576
NB-CL 1066+31.00 TO NB-CL 1354+00.00 SK-DSH WHITE	2,616
NB-RT 1066+31.00 TO NB-RT 1354+00.00 SLD WHITE	576
SB-LT 1067+45.00 TO SB-LT 1354+00.00 SLD WHITE	574
SB-CL 1067+45.00 TO SB-CL 1354+00.00 SK-DSH WHITE	2,605
SB-RT 1067+45.00 TO SB-RT 1354+00.00 SLD WHITE	574
SUB-TOTAL	
	7,521
C.H. 16	
CL 46+19.00 TO CL 52+37.92 SOLID WHITE	24
SUB-TOTAL	
	24
CH 17	
LT 42+88.00 TO LT 58+02.00 SOLID WHITE	61
RT 42+88.00 TO RT 58+02.00 SOLID WHITE	107
SUB-TOTAL	
	168
TOTAL	
	7713

MODEL Path: \\s:\projects\civil\design\9490_04_00\Call9490_01_L55_Resurfacing (WV)\IUCADD\IUCAD_Sheets\0672554-shc-schedule-Rev.dgn
FILE NAME: C:\SP\WHKS & CO\Jobs-Spring - Projects\Civil Design\9490_04_00\Call9490_01_L55_Resurfacing (WV)\IUCADD\IUCAD_Sheets\0672554-shc-schedule-Rev.dgn



USER NAME = bjohnson	DESIGNED - RKA	REVISED -
PLOT SCALE = 100:0.0000 "x" / in.	DRAWN - GSJ	REVISED -
PLOT DATE = 11/2/2022	CHECKED - BJJ	REVISED -
	DATE - 11/2/2022	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES	
RESURFACING(INT 3RD)	
SCALE: 1" = 50'	SHEET 8 OF 15 SHEETS
STA.	TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	*	MONTGOMERY	192	27
				CONTRACT NO. 72G54
ILLINOIS FED. AID PROJECT				

*(68-4R5)1-BY, 68-5HB)D, 68-3R55

70300150 SHORT TERM PAVEMENT MARKING REMOVAL

I-55 RESURFACING					SQ FT
NB-LT	1066+31.00	TO	NB-LT	1354+00.00 SLD WHITE	192
NB-CL	1066+31.00	TO	NB-CL	1354+00.00SK-DSH WHITE	872
NB-RT	1066+31.00	TO	NB-RT	1354+00.00 SLD WHITE	192
SB-LT	1067+45.00	TO	SB-LT	1354+00.00 SLD WHITE	192
SB-CL	1067+45.00	TO	SB-CL	1354+00.00SK-DSH WHITE	869
SB-RT	1067+45.00	TO	SB-RT	1354+00.00 SLD WHITE	192
SUB-TOTAL					2,509
C.H. 16					
CL	46+19.00	TO	CL	52+37.92 SOLID WHITE	8
SUB-TOTAL					8
CH 17					
LT	42+88.00	TO	LT	58+02.00 SOLID WHITE	20
RT	42+88.00	TO	RT	58+02.00 SOLID WHITE	36
SUB-TOTAL					56
TOTAL					2573

70300211 TEMPORARY PAVEMENT MARKING LETTERS AND SYMBOLS - PAINT

CH 17		SQ FT
PRE STAGE A		
RT	43+00.00	16
RT	44+78.00	16
RT	53+60.00	16
RT	54+70.00	16
RT	55+85.00	16
PRE STAGE B		
RT	44+15.00	16
RT	44+93.00	16
RT	54+12.00	16
RT	55+00.00	16
RT	55+87.00	16
STAGE 1		
RT	43+00.00	16
RT	43+95.00	16
RT	44+90.00	16
RT	54+35.00	16
RT	55+05.00	16
RT	55+81.00	16
STAGE 2		
RT	42+70.00	16
LT	43+82.00	16
LT	44+92.00	16
RT	54+60.00	16
RT	55+88.00	16
STAGE 3		
RT	44+15.00	16
RT	44+93.00	16
RT	54+12.00	16
RT	55+00.00	16
RT	55+87.00	16
TOTAL		416

63100167 TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT

I-55 RESURFACING					EACH
NB-LT	1068+87.11	TO	NB-LT	1069+37.11	1
NB-RT	1070+51.24	TO	NB-RT	1071+01.24	1
NB-RT	1132+00.60	TO	NB-RT	1132+50.60	1
SB-LT	1130+39.61	TO	SB-LT	1130+89.61	1
SB-RT	1128+40.75	TO	SB-RT	1128+90.75	1
NB-RT	1286+45.79	TO	NB-RT	1286+95.79	1
SB-LT	1284+84.86	TO	SB-LT	1285+34.86	1
SB-RT	1282+81.14	TO	SB-RT	1283+31.14	1
SUB-TOTAL					8
T.R. 37					
LT	44+01.73	TO	LT	44+51.73	1
RT	44+14.23	TO	RT	44+64.23	1
LT	53+88.19	TO	LT	54+38.19	1
RT	53+75.69	TO	RT	54+25.69	1
SUB-TOTAL					4
C.H. 16					
LT	46+94.27	TO	LT	47+44.27	1
RT	46+19.27	TO	RT	46+69.27	1
LT	51+87.32	TO	LT	52+37.32	1
RT	51+87.32	TO	RT	52+37.32	1
SUB-TOTAL					4
CH 17					
RT	46+53.95	TO	RT	47+03.95	1
LT	52+71.89	TO	LT	53+20.46	1
SUB-TOTAL					2
TOTAL					18

63100085 TRAFFIC BARRIER TERMINAL, TYPE 6

I-55 RESURFACING					EACH
NB-LT	1065+87.71	TO	NB-LT	1066+24.61	1
NB-RT	1066+26.84	TO	NB-RT	1066+63.74	1
SUB-TOTAL					2
T.R. 37					
LT	47+51.73	TO	LT	47+91.13	1
RT	47+51.73	TO	RT	47+91.13	1
LT	51+61.29	TO	LT	52+00.69	1
RT	51+61.29	TO	RT	52+00.69	1
SUB-TOTAL					4
C.H. 16					
LT	47+56.77	TO	LT	47+96.17	1
RT	47+56.77	TO	RT	47+96.17	1
LT	51+60.42	TO	LT	51+99.82	1
RT	51+60.42	TO	RT	51+99.82	1
SUB-TOTAL					4
CH 17					
RT	47+80.02	TO	RT	48+20.52	1
LT	51+60.73	TO	LT	51+98.97	1
SUB-TOTAL					2
TOTAL					12

63200310 GUARDRAIL REMOVAL

I-55 RESURFACING					FOOT
NB-LT	1065+87.71	TO	NB-LT	1069+18.96	332
NB-RT	1066+26.84	TO	NB-RT	1071+58.09	532
NB-RT	1131+00.60	TO	NB-RT	1132+06.60	106
SB-LT	1130+39.61	TO	SB-LT	1131+47.61	108
SB-RT	1128+40.75	TO	SB-RT	1131+06.75	266
NB-RT	1285+45.79	TO	NB-RT	1286+77.79	132
SB-LT	1284+84.86	TO	SB-LT	1285+92.86	108
SB-RT	1282+81.14	TO	SB-RT	1285+61.64	281
SUB-TOTAL					1,865
T.R. 37					
LT	44+04.20	TO	LT	48+00.00	395.8
RT	44+13.20	TO	RT	48+00.00	386.8
RT	51+52.50	TO	RT	54+33.40	280.9
LT	51+52.50	TO	LT	54+28.30	275.8
SUB-TOTAL					1340
C.H. 16					
LT	47+21.00	TO	LT	48+05.00	84
RT	46+32.00	TO	RT	48+05.00	173
RT	51+53.00	TO	RT	52+35.00	82
LT	51+53.00	TO	LT	52+35.00	82
SUB-TOTAL					421
CH 17					
RT	46+55.06	TO	RT	48+29.85	172
LT	51+51.16	TO	LT	53+18.68	173
SUB-TOTAL					345
TOTAL					3971

70400100 TEMPORARY CONCRETE BARRIER

CH 17		DESCRIPTION	FOOT		
STAGE 1					
LT	46+67.72	TO	LT	53+64.02	673
TOTAL			673		

72000100 SIGN PANEL - TYPE 1

CH 17		DESCRIPTION	SQ FT
LT	51+75.00	W3-5 (30 MPH)	9
TOTAL			9

70600260 IMPACT ATTENUATORS TEMPORARY (FULLY REDIRECTIVE, NARROW), TEST LEVEL 3

CH 17		EACH
STAGE 1		
LT	46+74.22	1
LT	53+57.56	1
TOTAL		2

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PLOT SCALE = 100:0.0000 " = 1" / in.	DRAWN - GSJ	REVISED -
PLOT DATE = 11/2/2022	CHECKED - BJJ	REVISED -
	DATE - 11/2/2022	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES
RESURFACING(INT 3RD)

SCALE: 1" = 50' SHEET 9 OF 15 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	*	MONTGOMERY	192	28
CONTRACT NO.72G54				

ILLINOIS FED. AID PROJECT
*(68-4R51-BY, 68-5HB)D, 68-3R55

64200116 SHOULDER RUMBLE STRIPS, 16 INCH

I-55 RESURFACING	FOOT
NB 1066+31.00 TO NB 1094+04.00	5,546
NB-LT 1094+04.00 TO NB-LT 1094+64.00	60
NB-LT 1094+64.00 TO NB-LT 1095+00.00	36
NB-LT 1095+00.00 TO NB-LT 1095+24.00	24
NB-LT 1095+24.00 TO NB-LT 1097+69.00	245
NB-LT 1097+69.00 TO NB-LT 1100+79.00	310
NB 1100+79.00 TO NB 1125+00.00	4,842
NB 1125+00.00 TO NB 1155+00.00	6,000
NB 1155+00.00 TO NB 1185+00.00	6,000
NB 1185+00.00 TO NB 1215+00.00	6,000
NB 1215+00.00 TO NB 1245+00.00	6,000
NB 1245+00.00 TO NB 1275+00.00	6,000
NB 1275+00.00 TO NB 1305+00.00	6,000
NB-LT 1305+00.00 TO NB-LT 1317+26.00	1,226
NB-LT 1317+26.00 TO NB-LT 1317+86.00	60
NB-LT 1317+86.00 TO NB-LT 1320+91.00	305
NB-LT 1320+91.00 TO NB-LT 1324+01.00	310
NB 1324+01.00 TO NB 1335+00.00	2,198
NB 1335+00.00 TO NB 1354+00.00	3,800
SB 1067+45.00 TO SB 1087+89.00	4,088
SB-RT 1087+89.00 TO SB-RT 1090+99.00	310
SB-RT 1090+99.00 TO SB-RT 1094+04.00	305
SB-RT 1094+04.00 TO SB-RT 1094+64.00	60
SB 1094+64.00 TO SB 1095+00.00	72
SB 1095+00.00 TO SB 1125+00.00	6,000
SB 1125+00.00 TO SB 1155+00.00	6,000
SB 1155+00.00 TO SB 1185+00.00	6,000
SB 1185+00.00 TO SB 1215+00.00	6,000
SB 1215+00.00 TO SB 1245+00.00	6,000
SB 1245+00.00 TO SB 1275+00.00	6,000
SB 1275+00.00 TO SB 1305+00.00	6,000
SB 1305+00.00 TO SB 1311+11.00	1,222
SB-RT 1311+11.00 TO SB-RT 1314+21.00	310
SB-RT 1314+21.00 TO SB-RT 1317+26.00	305
SB-RT 1317+26.00 TO SB-RT 1317+86.00	60
SB 1317+86.00 TO SB 1335+00.00	3,428
SB 1335+00.00 TO SB 1354+00.00	3,800
TOTAL	110,922

70300261 TEMPORARY PAVEMENT MARKING - LINE 12"- PAINT

CH 17	DESCRIPTION	FOOT
STAGE 1		
RT 42+50.00 TO RT 59+00.00	12" SOLID WHITE	94
LT/RT 42+50.00 TO LT/RT 59+00.00	12" SOLID YELLOW	482
STAGE 2		
LT/RT 42+50.00 TO LT/RT 59+00.00	12" SOLID YELLOW	468
TOTAL		1044

70300231 TEMPORARY PAVEMENT MARKING - LINE 5"- PAINT

I-55 RESURFACING	FOOT
NB-LT 1066+31.00 TO NB-LT 1354+00.00 SLD WHITE	28,769
NB-CL 1066+31.00 TO NB-CL 1354+00.00SK-DSH WHITE	7,193
NB-RT 1066+31.00 TO NB-RT 1354+00.00 SLD WHITE	28,769
SB-LT 1067+45.00 TO SB-LT 1354+00.00 SLD WHITE	28,655
SB-CL 1067+45.00 TO SB-CL 1354+00.00SK-DSH WHITE	7,164
SB-RT 1067+45.00 TO SB-RT 1354+00.00 SLD WHITE	28,655
SUB-TOTAL	129,205
CH 17	
PRE STAGE A	
RT 41+00.00 TO RT 59+00.00 SOLID WHITE	2242
LT 41+00.00 TO LT 59+00.00 SOLID WHITE	1894
LT 44+93.00 TO LT 45+39.00 DASHED YELLOW	14
LT 54+94.00 TO LT 56+41.00 DASHED YELLOW	15
PRE STAGE B	
RT 41+00.00 TO RT 59+00.00 SOLID WHITE	2057
LT 41+00.00 TO LT 59+00.00 SOLID WHITE	1704
LT/RT 41+00.00 TO LT/RT 59+00.00 SOLID YELLOW	3445
RT 44+96.00 TO LT 45+46.00 DASHED YELLOW	18
RT 55+94.00 TO LT 56+41.00 DASHED YELLOW	16
STAGE 1	
RT 42+50.00 TO RT 59+00.00 SOLID WHITE	2956
LT 42+50.00 TO LT 59+00.00 SOLID WHITE	1156
LT/RT 42+50.00 TO LT/RT 59+00.00 SOLID YELLOW	2169
RT 42+50.00 TO RT 59+00.00 DOUBLE YELLOW	869
LT 44+93.00 TO RT 45+53.00 DASHED YELLOW	37
RT 45+00.00 TO RT 46+01.00 DASHED WHITE	25
LT 55+87.00 TO LT 56+51.00 DASHED YELLOW	35
RT 55+87.00 TO RT 57+03.00 DASHED WHITE	30
STAGE 2	
RT 42+50.00 TO RT 59+00.00 SOLID WHITE	1402
LT 42+50.00 TO LT 59+00.00 SOLID WHITE	2085
LT/RT 42+50.00 TO LT/RT 59+00.00 SOLID YELLOW	1985
LT 42+50.00 TO LT 59+00.00 DOUBLE YELLOW	870
LT 44+92.00 TO LT 46+24.00 DASHED YELLOW	46
LT 53+11.00 TO RT 54+50.00 DASHED WHITE	35
LT 55+93.00 TO RT 57+00.00 DASHED YELLOW	54
STAGE 3	
RT 41+00.00 TO RT 59+00.00 SOLID WHITE	2057
LT 41+00.00 TO LT 59+00.00 SOLID WHITE	1759
LT/RT 41+00.00 TO LT/RT 59+00.00 SOLID YELLOW	3445
RT 44+96.00 TO LT 45+46.00 DASHED YELLOW	18
RT 55+94.00 TO LT 56+41.00 DASHED YELLOW	16
SUB-TOTAL	32,453
TOTAL	161,658

70400200 RELOCATE TEMPORARY CONCRETE BARRIER

CH 17	FOOT
STAGE 2	
RT 46+36.99 TO RT 52+99.96	642
TOTAL	642

70600332 IMPACT ATTENUATORS, RELOCATE (FULLY REDIRECTIVE, NARROW), TEST LEVEL 3

CH 17	EACH
STAGE 2	
RT 46+43.50	1
RT 52+93.39	1
TOTAL	2

72000300 SIGN PANEL - TYPE 3

CH 17	DESCRIPTION	SQ FT
RT 51+70.00	EXIT 72 SIGN	170
TOTAL		170

72400310 REMOVE SIGN PANEL - TYPE 1

CH 17	DESCRIPTION	SQ FT
LT 51+75.00	W3-5 (30 MPH)	9
TOTAL		9

72400330 REMOVE SIGN PANEL - TYPE 3

CH 17	DESCRIPTION	SQ FT
RT 51+70.00	EXIT 72 SIGN	150
TOTAL		150

72800100 TELESCOPING STEEL SIGN SUPPORT

CH 17	DESCRIPTION	FOOT
LT 53+43.12	LEFT TURN	14
TOTAL		14

78001120 PAINT PAVEMENT MARKING - LINE 5"

C.H. 16	FOOT
LT 46+19.00 TO LT 52+37.92 WHITE	618.9
CL 46+19.00 TO CL 52+37.92 YELLOW	1237.8
RT 46+19.00 TO RT 52+37.92 WHITE	618.9
TOTAL	2476.0

78011035 GROOVING FOR RECESSED PAVEMENT MARKING 7"

CH 17	FOOT
LT 44+93.56 TO LT 45+38.74	14
RT 53+41.71 TO RT 55+93.73	250
RT 42+88.00 TO RT 44+96.97	209
LT 55+93.75 TO LT 56+38.81	14
TOTAL	487

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PLOT SCALE = 100:0.0000 " = 1" / in.	DRAWN - GSJ	REVISED -
PLOT DATE = 11/1/2022	CHECKED - BJJ	REVISED -
	DATE - 11/1/2022	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SCHEDULE OF QUANTITIES
RESURFACING(INT 3RD)**

SCALE: 1" = 50' SHEET 10 OF 15 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	*	MONTGOMERY	192	29
			CONTRACT NO.72G54	
			ILLINOIS FED. AID PROJECT	

*(68-4R51-BY, 68-5HB)D, 68-3R55

72501000 TERMINAL MARKER - DIRECT APPLIED

I-55 RESURFACING		EACH
NB-LT 1069+37.11		1
NB-RT 1071+01.24		1
NB-RT 1132+50.60		1
SB-LT 1130+89.61		1
SB-RT 1128+90.75		1
NB-RT 1286+95.79		1
SB-LT 1285+34.86		1
SB-RT 1283+31.14		1
SUB-TOTAL		8
T.R. 37		
LT 44+01.73		1
RT 44+14.23		1
LT 54+38.19		1
RT 54+25.69		1
SUB-TOTAL		4
C.H. 16		
LT 46+94.27		1
RT 46+19.27		1
LT 52+37.32		1
RT 52+37.32		1
SUB-TOTAL		4
CH 17		
RT 46+53.95		1
LT 53+20.46		1
SUB-TOTAL		2
TOTAL		18

78009005 MODIFIED URETHANE PAVEMENT MARKING - LINE 5"

I-55 RESURFACING					FOOT
NB-LT 1066+31.00 TO NB-LT 1354+00.00	SLD WHITE				28,769
NB-CL 1066+31.00 TO NB-CL 1354+00.00	SK-DSH WHITE				7,193
NB-RT 1066+31.00 TO NB-RT 1354+00.00	SLD WHITE				28,769
SB-LT 1067+45.00 TO SB-LT 1354+00.00	SLD WHITE				28,655
SB-CL 1067+45.00 TO SB-CL 1354+00.00	SK-DSH WHITE				7,164
SB-RT 1067+45.00 TO SB-RT 1354+00.00	SLD WHITE				28,655
SUB-TOTAL					129,205
CH 17					
LT 42+88.00 TO LT 44+10.76	SOLID WHITE				124
CL 42+88.00 TO CL 44+96.44	SOLID YELLOW				420
LT 44+61.98 TO LT 44+87.90	SOLID WHITE				80
RT 42+88.00 TO RT 58+02.00	SOLID WHITE				1,493
LT 45+17.01 TO LT 45+38.74	SOLID WHITE				22
LT 45+38.74 TO LT 45+45.74	SOLID YELLOW				12
CL 45+60.00 TO CL 55+96.93	SOLID YELLOW				2,115
LT 45+99.14 TO LT 55+20.26	SOLID WHITE				944
LT 55+67.29 TO LT 55+91.91	SOLID WHITE				80
LT 56+15.62 TO LT 56+38.67	SOLID WHITE				83
LT 56+38.67 TO LT 56+48.52	SOLID YELLOW				19
LT 56+85.94 TO LT 58+02.00	SOLID WHITE				127
CL 56+57.53 TO CL 58+02.00	SOLID YELLOW				294
SUB-TOTAL					5813
TOTAL					135018

78011030 GROOVING FOR RECESSED PAVEMENT MARKING 6"

I-55 RESURFACING					FOOT
NB-LT 1066+31.00 TO NB-LT 1354+00.00	SLD WHITE				28,769
NB-CL 1066+31.00 TO NB-CL 1354+00.00	SK-DSH WHITE				7,193
NB-RT 1066+31.00 TO NB-RT 1354+00.00	SLD WHITE				28,769
SB-LT 1067+45.00 TO SB-LT 1354+00.00	SLD WHITE				28,655
SB-CL 1067+45.00 TO SB-CL 1354+00.00	SK-DSH WHITE				7,164
SB-RT 1067+45.00 TO SB-RT 1354+00.00	SLD WHITE				28,655
SUB-TOTAL					129,205
CH 17					
LT 42+88.00 TO LT 44+10.76					124
CL 42+88.00 TO CL 44+96.44					420
LT 44+61.98 TO LT 44+87.90					80
RT 42+88.00 TO RT 58+02.00					1,493
LT 45+17.01 TO LT 45+38.74					22
LT 45+38.74 TO LT 45+45.74					12
CL 45+60.00 TO CL 55+96.93					2,115
LT 45+99.14 TO LT 55+20.26					944
LT 55+67.29 TO LT 55+91.91					80
LT 56+15.62 TO LT 56+38.67					83
LT 56+38.67 TO LT 56+48.52					19
LT 56+85.94 TO LT 58+02.00					127
CL 56+57.53 TO CL 58+02.00					294
SUB-TOTAL					5813
TOTAL					135018

78001180 PAINT PAVEMENT MARKING - LINE 24"

C.H. 16		FOOT
RT 52+37.92		10
TOTAL		10

78009006 MODIFIED URETHANE PAVEMENT MARKING - LINE 6"

CH 17					TYPE	FOOT
LT 44+93.56 TO LT 45+38.74					DASH YELLOW	14
RT 53+41.71 TO RT 55+93.73					SOLID WHITE	250
RT 42+88.00 TO RT 44+96.97					SOLID WHITE	209
LT 55+93.75 TO LT 56+38.81					DASH YELLOW	14
TOTAL						487

78100100 RAISED REFLECTIVE PAVEMENT MARKER

I-55 RESURFACING		EACH
NB-CL 1066+31.00 TO NB-CL TO		721
SB-CL 1067+45.00 TO SB-CL TO		719
SUB-TOTAL		1,440
CH 17		
LT 42+93.00 TO LT 44+93.88		6
LT 53+40.83 TO LT 55+83.86		7
SUB-TOTAL		13
TOTAL		1453

78003101 PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - STANDARD - LETTERS AND SYMBOLS

CH 17					SQ FT
LT 43+60.39 TO LT 43+60.39					16
LT 44+73.39 TO LT 44+73.39					16
LT 53+46.84 TO LT 53+46.84					16
LT 54+60.04 TO LT 54+60.04					16
LT 55+73.71 TO LT 55+73.71					16
TOTAL					80

78200011 BARRIER WALL REFLECTORS, TYPE C

T.R. 37				EACH
LT 47+88.63 TO LT 51+63.79				10
RT 47+88.63 TO RT 51+63.79				10
SUB-TOTAL				20
C.H. 16				
LT 47+93.67 TO LT 51+62.92				10
RT 47+93.67 TO RT 51+62.92				10
SUB-TOTAL				20
CH 17				
RT 46+98.49 TO RT 51+66.11				27
LT 48+20.59 TO LT 52+90.31				26
SUB-TOTAL				53
TOTAL				93

78300200 RAISED REFLECTIVE PAVEMENT MARKER REMOVAL

I-55 RESURFACING		EACH
NB-CL 1066+31.00 TO NB-CL TO		361
SB-CL 1067+45.00 TO SB-CL TO		360
TOTAL		721

78300201 PAVEMENT MARKING REMOVAL - GRINDING

CH 17		SQ FT
PRE STAGE A		
LT/RT 41+00.00 TO LT/RT 59+00.00		434
PRE STAGE B		
LT/RT 41+00.00 TO LT/RT 59+00.00		603
STAGE 1		
LT/RT 42+50.00 TO LT/RT 59+00.00		667
STAGE 2		
LT/RT 42+50.00 TO LT/RT 59+00.00		853
TOTAL		2558

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PLOT DATE = 10/24/2022	CHECKED - BJJ	REVISED -
	DATE - 10/24/2022	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES
RESURFACING(INT 3RD)

SCALE: 1" = 50' SHEET 11 OF 15 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	*	MONTGOMERY	192	30
CONTRACT NO.72G54			ILLINOIS FED. AID PROJECT	

*(68-4R51-BY, 68-5HB)D, 68-3R55

7820005 GUARDRAIL REFLECTORS, TYPE A

I-55 RESURFACING				EACH
NB-LT	1069+37.11	TO	NB-LT 1065+87.71	4
NB-RT	1071+01.24	TO	NB-RT 1066+26.84	6
NB-RT	1132+50.60	TO	NB-RT 1131+00.60	4
SB-LT	1130+39.61	TO	SB-LT 1131+89.61	4
SB-RT	1128+40.75	TO	SB-RT 1131+53.25	4
NB-RT	1286+95.79	TO	NB-RT 1285+45.79	4
SB-LT	1284+84.86	TO	SB-LT 1286+34.86	4
SB-RT	1282+81.14	TO	SB-RT 1285+93.64	4
SUB-TOTAL				34
T.R. 37				
LT	44+51.73	TO	LT 47+51.73	4
RT	44+64.23	TO	RT 47+51.73	4
LT	52+00.69	TO	LT 53+88.19	4
RT	52+00.69	TO	RT 53+75.69	4
SUB-TOTAL				16
C.H. 16				
LT	47+44.27	TO	LT 47+56.77	4
RT	46+69.27	TO	RT 47+56.77	4
LT	51+60.42	TO	LT 52+37.32	4
RT	51+60.42	TO	RT 52+37.32	4
SUB-TOTAL				16
CH 17				
RT	46+56.95	TO	RT 48+20.52	4
LT	51+60.73	TO	LT 53+20.46	4
SUB-TOTAL				8
TOTAL				74

81028750 UNDERGROUND CONDUIT, COILABLE NONMETALLIC CONDUIT, 2" DIA.

CH 17				FOOT
LT	45+45.42	TO	LT 45+85.42	40
LT	55+60.23	TO	LT 56+06.20	50
TOTAL				90

81028770 UNDERGROUND CONDUIT, COILABLE NONMETALLIC CONDUIT, 3" DIA.

CH 17				FOOT
LT	49+32.62	TO	LT 49+95.70	70
LT	50+54.49	TO	LT 51+17.52	70
SUB-TOT				140
I-55				
RT	1027+00.00	TO	RT 1042+89.00	75
TOTAL				215

81603035 UNIT DUCT, 600V, 2-1C NO.6, 1/C NO.6 GROUND, (XLP-TYPE USE), 1" DIA. POLYETHYLENE

CH 17				FOOT
LT	45+25.42	TO	CL 56+26.26	525
I-55				
RT	1027+00.00	TO	CL 1042+89.00	1,718
TOTAL				2243

X5427602 REMOVE EXISTING FLARED END SECTION

I-55 RESURFACING				EACH
LT	1133+00.00			1
LT	1144+00.00			1
RT	1273+24.50			1
TOTAL				3

X0323710 REMOVE CONDUIT ATTACHED TO STRUCTURE

CH 17				FOOT
CL	49+06.82	TO	CL 51+05.61	325
TOTAL				325

X0325893 CLEAN EXISTING END SECTION

I-55 RESURFACING				EACH
LT	1073+18.00			1
LT	1125+50.00			1
LT	1130+92.00			1
LT	1131+98.50			1
LT	1191+58.00			1
MEDIAN	1191+58.00			2
LT	1194+65.00			1
MEDIAN	1194+65.00			1
MEDIAN	1248+18.00			1
RT	1248+18.00			1
TOTAL				11

X1400278 REMOVE EXISTING LUMINAIRE

CH 17				EACH
RT	50+59.00			1
RT	50+77.25			1
TOTAL				2

X2503000 MAINTENANCE MOWING

I-55 RESURFACING				ACRE
NB-LT	1066+31.00	TO	NB-LT 1354+00.00	19.8
MEDIAN	1066+88.00	TO	MEDIAN 1094+15.00	8.2
MEDIAN	1094+55.00	TO	MEDIAN 1317+40.00	67.6
MEDIAN	1317+80.00	TO	66 1354+00.00	11.0
SB-RT	1067+45.00	TO	15 1354+00.00	19.8
TOTAL				126

NOTE: ASSUMES TWO (2) MOWINGS

X4401198 HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH

T.R. 37				SQ YD
CL	46+83.60	TO	CL 47+63.60	177.8
CL	51+88.80	TO	CL 52+68.80	177.8
SUB-TOTAL				356
C.H. 16				
CL	46+19.00	TO	CL 47+68.70	332.6
CL	51+87.90	TO	CL 52+37.90	111.1
CL	52+37.90	TO	CL 52+66.40	171.1
SUB-TOTAL				615
TOTAL				971

X4403300 CONCRETE MEDIAN REMOVAL

CH 17				SQ FT
CL	42+88.00	TO	CL 44+93.56	1230
CL	45+58.56	TO	CL 48+45.81	4937
CL	51+45.57	TO	CL 55+93.67	3966
CL	56+56.48	TO	CL 58+02.00	2338
TOTAL				12471

X6061702 CONCRETE MEDIAN, TYPE SM (DOWELLED)

CH 17				SQ FT
CL	42+88.00	TO	CL 44+93.56	1230
CL	45+58.56	TO	CL 48+45.81	4427
CL	51+75.57	TO	CL 55+93.67	3456
CL	56+56.48	TO	CL 58+02.00	2338
TOTAL				11451

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PLOT DATE = 10/24/2022	CHECKED - BJJ	REVISED -
	DATE - 10/24/2022	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES
RESURFACING(INT 3RD)

SCALE: 1" = 50' SHEET 12 OF 15 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	*	MONTGOMERY	192	31
CONTRACT NO.72G54				
ILLINOIS FED. AID PROJECT				

*(68-4R51-BY, 68-5HB)D, 68-3R55

X6010100 CLEANING UNDERDRAIN OUTLETS

I-55 RESURFACING	EACH
CL 1057+50.00	4
CL 1061+40.00	3
CL 1062+50.00	1
CL 1064+89.00	1
CL 1064+92.00	1
CL 1065+99.00	1
CL 1066+10.00	1
CL 1071+00.00	3
CL 1071+50.00	1
CL 1075+50.00	2
CL 1077+00.00	2
CL 1079+50.00	4
CL 1083+65.00	3
CL 1085+20.00	4
CL 1088+50.00	3
CL 1090+60.00	4
CL 1093+50.00	3
CL 1100+00.00	3
CL 1100+90.00	4
CL 1105+00.00	4
CL 1110+00.00	3
CL 1112+00.00	1
CL 1114+00.00	3
CL 1115+90.00	1
CL 1117+30.00	4
CL 1118+00.00	3
CL 1122+50.00	4
CL 1123+00.00	3
CL 1127+20.00	4
CL 1128+00.00	3
CL 1131+40.00	3
CL 1133+20.00	1
CL 1134+85.00	4
CL 1138+00.00	1
CL 1140+00.00	4
CL 1143+00.00	1
CL 1144+00.00	1
CL 1148+00.00	2
SUBTOTAL	98

X6010100 CLEANING UNDERDRAIN OUTLETS

I-55 RESURFACING	EACH
CL 1152+00.00	1
CL 1153+00.00	3
CL 1158+00.00	3
CL 1160+00.00	1
CL 1163+00.00	3
CL 1164+00.00	1
CL 1167+60.00	3
CL 1167+80.00	1
CL 1172+00.00	4
CL 1176+00.00	4
CL 1182+00.00	3
CL 1183+00.00	1
CL 1186+00.00	3
CL 1187+00.00	1
CL 1190+10.00	4
CL 1194+50.00	1
CL 1195+00.00	3
CL 1198+50.00	1
CL 1200+00.00	3
CL 1203+50.00	1
CL 1205+00.00	3
CL 1210+00.00	3
CL 1211+00.00	1
CL 1215+00.00	4
CL 1218+60.00	3
CL 1219+60.00	4
CL 1223+00.00	1
CL 1224+00.00	3
CL 1227+00.00	1
CL 1229+00.00	3
CL 1236+00.00	4
CL 1241+00.00	4
CL 1246+00.00	4
CL 1251+00.00	4
CL 1255+50.00	3
CL 1256+00.00	1
CL 1260+21.00	3
CL 1261+00.00	1
SUBTOTAL	95

X6010100 CLEANING UNDERDRAIN OUTLETS

I-55 RESURFACING	EACH
CL 1265+00.00	4
CL 1269+00.00	1
CL 1270+00.00	3
CL 1273+00.00	1
CL 1275+10.00	3
CL 1277+00.00	1
CL 1280+00.00	3
CL 1285+00.00	3
CL 1286+00.00	1
CL 1290+00.00	4
CL 1294+00.00	4
CL 1298+06.00	1
CL 1298+50.00	3
CL 1303+00.00	4
CL 1308+00.00	2
CL 1313+00.00	2
CL 1317+50.00	1
CL 1318+10.00	4
CL 1323+00.00	4
CL 1328+00.00	4
CL 1333+00.00	4
CL 1342+26.00	4
CL 1345+00.00	4
CL 1350+00.00	4
SUBTOTAL	69
TOTAL	262

X6650208 WOVEN WIRE FENCE REMOVAL AND REPLACEMENT

I-55 RESURFACING	FOOT
NB-LT 1074+00.00	25
NB-LT 1080+00.00	50
NB-LT 1085+00.00	25
NB-LT 1088+50.00	10
NB-LT 1093+00.00	10
SB-RT 1278+00.00	50
TOTAL	170

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design firm
 no. 184001036

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USER NAME = bjohanson	DESIGNED - RKA	REVISED -
PLOT SCALE = 1200.0,0000 "x" / ft.	DRAWN - GSJ	REVISED -
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	DATE - 10/24/2022	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES			
RESURFACING(INT 3RD)			
SCALE: 1" = 50'	SHEET 13	OF 15 SHEETS	STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	*	MONTGOMERY	192	32
			CONTRACT NO.72G54	
ILLINOIS FED. AID PROJECT				

*(68-4R51-BY, 68-5HB)D, 68-3R55

X0322279 OUTLET MARKER

I-55 RESURFACING	EACH
CL 1057+50.00	4
CL 1061+40.00	3
CL 1062+50.00	1
CL 1064+89.00	1
CL 1064+92.00	1
CL 1065+99.00	1
CL 1066+10.00	1
CL 1071+00.00	3
CL 1071+50.00	1
CL 1075+50.00	2
CL 1077+00.00	2
CL 1079+50.00	4
CL 1083+65.00	3
CL 1085+20.00	4
CL 1088+50.00	3
CL 1090+60.00	4
CL 1093+50.00	3
CL 1100+00.00	3
CL 1100+90.00	4
CL 1105+00.00	4
CL 1110+00.00	3
CL 1112+00.00	1
CL 1114+00.00	3
CL 1115+90.00	1
CL 1117+30.00	4
CL 1118+00.00	3
CL 1122+50.00	4
CL 1123+00.00	3
CL 1127+20.00	4
CL 1128+00.00	3
CL 1131+40.00	3
CL 1133+20.00	1
CL 1134+85.00	4
CL 1138+00.00	1
CL 1140+00.00	4
CL 1143+00.00	1
CL 1144+00.00	1
CL 1148+00.00	2
SUBTOTAL	98

X0322279 OUTLET MARKER

I-55 RESURFACING	EACH
CL 1152+00.00	1
CL 1153+00.00	3
CL 1158+00.00	3
CL 1160+00.00	1
CL 1163+00.00	3
CL 1164+00.00	1
CL 1167+60.00	3
CL 1167+80.00	1
CL 1172+00.00	4
CL 1176+00.00	4
CL 1182+00.00	3
CL 1183+00.00	1
CL 1186+00.00	3
CL 1187+00.00	1
CL 1190+10.00	4
CL 1194+50.00	1
CL 1195+00.00	3
CL 1198+50.00	1
CL 1200+00.00	3
CL 1203+50.00	1
CL 1205+00.00	3
CL 1210+00.00	3
CL 1211+00.00	1
CL 1215+00.00	4
CL 1218+60.00	3
CL 1219+60.00	4
CL 1223+00.00	1
CL 1224+00.00	3
CL 1227+00.00	1
CL 1229+00.00	3
CL 1236+00.00	4
CL 1241+00.00	4
CL 1246+00.00	4
CL 1251+00.00	4
CL 1255+50.00	3
CL 1256+00.00	1
CL 1260+21.00	3
CL 1261+00.00	1
SUBTOTAL	95

X0322279 OUTLET MARKER

I-55 RESURFACING	EACH
CL 1265+00.00	4
CL 1269+00.00	1
CL 1270+00.00	3
CL 1273+00.00	1
CL 1275+10.00	3
CL 1277+00.00	1
CL 1280+00.00	3
CL 1285+00.00	3
CL 1286+00.00	1
CL 1290+00.00	4
CL 1294+00.00	4
CL 1298+06.00	1
CL 1298+50.00	3
CL 1303+00.00	4
CL 1308+00.00	2
CL 1313+00.00	2
CL 1317+50.00	1
CL 1318+10.00	4
CL 1323+00.00	4
CL 1328+00.00	4
CL 1333+00.00	4
CL 1342+26.00	4
CL 1345+00.00	4
CL 1350+00.00	4
SUBTOTAL	69
TOTAL	262

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design firm
 no. 184001036

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	DRAWN - GSJ	REVISED -
PLOT SCALE = 1200.0,0000 "x" / ft.	CHECKED - BJJ	REVISED -
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES			
RESURFACING(INT 3RD)			
SCALE: 1" = 50'	SHEET 14	OF 15 SHEETS	STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	*	MONTGOMERY	192	33
CONTRACT NO.72G54				
ILLINOIS FED. AID PROJECT				

*(68-4R51-BY, 68-5HB)D, 68-3R55

X7380150 REMOVE AND REERECT OVERHEAD SIGN STRUCTURE-BRIDGE MOUNTED, SPECIAL

CH 17		EACH
RT	50+64.00	1
TOTAL		1

Z0004552 APPROACH SLAB REMOVAL

CH 17				SQ YD
CL	48+15.81	TO	CL 48+45.81	220
CL	51+45.57	TO	CL 51+75.57	218
TOTAL				438

Z0010615 CLEANING EXISTING INLETS

I-55 RESURFACING	EACH	
MEDIAN 1133+00.00	1	
RT 1133+00.00	1	
LT 1191+58.00	1	
MEDIAN 1191+58.00	2	
RT 1191+58.00	1	
LT 1194+65.00	1	
MEDIAN 1194+65.00	1	
MEDIAN 1218+48.00	2	
RT 1218+48.00	2	
TOTAL		12

Z0034105 MATERIAL TRANSFER DEVICE

I-55 RESURFACING	TON	
P HMA BC SMA 12.5 N50	13,092	
P HMA BC SMA 12.5 N80	13,092	
P SC SMA 9.5 E N80	13,092	
TOTAL		39,276

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PLOT DATE = 10/24/2022	DATE - 10/24/2022	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SCHEDULE OF QUANTITIES
RESURFACING(INT 3RD)**

SCALE: 1" = 50' SHEET 15 OF 15 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	*	MONTGOMERY	192	34
CONTRACT NO. 72G54				
ILLINOIS FED. AID PROJECT				

*(68-4R51-BY, 68-5HB)D, 68-3R55

BENCHMARKS

Station	NAVD 88 Pub/Adj	Notes/Comments
Bm 34	653.334	chslid [] ctr S end inlet hdwl @ CL median, sta 1013+01.2 @ 0.6 rt
Psm 1023+04 CL	645.658	Permanent Survey Marker (Pt#2115) Sta 1023+02.10 @ centerline of median
Bm 35	646.766	chslid [] ctr S end inlet hdwl @ CL median, sta 1025+00.2 @ 0.8 rt
Psm 1030+00	642.516	Permanent Survey Marker (Pt#2114) Sta 1029+97.85 @ centerline of median
Psm 1035+93 CL	640.181	Permanent Survey Marker (Pt#2113) Sta 1035+90.61 @ centerline of median
Bm 36	638.744	chslid [] NW cor conc pad median inlet, sta 1037+50.6 @ 2.6 rt
Psm 1043+00 CL	641.266	Permanent Survey Marker (Pt#2112) Sta 1042+97.52 @ centerline of median
Bm 37	643.967	chslid [] base median pier @ farmersville overpass str # 068-0037, sta 1043+96.6 @ 1.4 rt
Psm 1046+25 CL	639.736	Permanent Survey Marker (Pt#2111) Sta 1046+25.22 @ centerline of median
Bm 1054	632.808	chslid [] ctr N side conc pad median inlet, sta 1053+96.2 @ 0.3 rt
Bm 1067	629.796	chslid [] top N conc ret wall between SBL & W frontage rd @ Macoupin Cr str # 068-0039, sta 1066+85.3 @ 113.6 rt
Bm 1078	625.209	chslid [] S end conc pad median inlet, sta 1078+43.4 @ 2.3 lt
Psm 1079+06 CL	625.372	Permanent Survey Marker (Pt#2107) Sta 1079+05.39 @ centerline of median
Psm 1082+93 CL	628.703	Permanent Survey Marker (Pt#2105) Sta 1082+92.50 @ centerline of median
Psm 1094+37 CL	635.762	Permanent Survey Marker (Pt#2104) Sta 1094+37.10 @ centerline of median
Bm 38	633.839	chslid [] SW cor inet hdwl @ CL median, sta 1106+00.7 @ 2.8 rt
Psm 1106+93 CL	632.684	Permanent Survey Marker (Pt#2103) Sta 1106+92.41 @ centerline of median
Psm 1110+20 CL	631.079	Permanent Survey Marker (Pt#2102) Sta 1110+18.57 @ centerline of median
Bm 39	628.906	chslid [] ctr S end inlet hdwl @ CL median, sta 1116+84.6 @ 1.6 rt
Psm 1127+99 CL	629.664	Permanent Survey Marker (Pt#2099) Sta 1127+99.24 @ 0.1 Rt of centerline of median
Bm 40	631.641	chslid [] top center opening of median pier str # 068-0040, sta 1131+38.9 @ 0.5 lt
Psm 1132+50 CL	631.589	Permanent Survey Marker (Pt#2100) Sta 1132+48.50 @ centerline of median
Psm 1141+00 CL	634.702	Permanent Survey Marker (Pt#2101) Sta 1140+98.51 @ 0.1 Rt of centerline of median
Bm 41	638.975	chslid [] NW cor inlet hdwl @ CL median, sta 1143+97.4 @ 2.2 rt
Psm 1149+52 CL	640.178	Permanent Survey Marker (Pt#2098) Sta 1149+51.16 @ centerline of median
Psm 1156+06 CL	642.352	Permanent Survey Marker (Pt#2097) Sta 1156+04.79 @ 1.24 Lt of centerline of median
Psm 1162+59 CL	639.269	Permanent Survey Marker (Pt#2096) Sta 1162+58.41 @ centerline of median
Bm 42	639.186	chslid [] SE cor inlet hdwl @ CL median, sta 1165+98.1 @ 1.6 lt

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design firm
no. 184001036
whks
engineers • planners • land surveyors

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	DATE - 10/24/2022	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**ALIGNMENT, TIES, AND BENCHMARKS
RESURFACING(INT 3RD)**

SCALE: 1" = 50' SHEET 1 OF 4 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	*	MONTGOMERY	192	35
CONTRACT NO. 72G54				
ILLINOIS FED. AID PROJECT				

*(68-4R51-BY, 68-5HB)D, 68-3R55

BENCHMARKS

Station	NAVD 88 Pub/Adj	Notes/Comments
Psm 1182+16 CL	639.863	Permanent Survey Marker (Pt#2095) Sta 1182+15.28 @ centerline of median
Bm 43	639.781	chslid [] ctr S end median inlet, sta 1191+54.6 @ 0.1 rt (N inlet of 2 inlets)
Psm 1195+89 CL	638.740	Permanent Survey Marker (Pt#2094) Sta 1195+88.40 @ centerline of median
Psm 1208+65 CL	641.745	Permanent Survey Marker (Pt#2093) Sta 1208+84.47 @ centerline of median
Bm 44	639.906	chslid [] top of exposed conc pipe between 2 median inlets, sta 1218+48.2 @ 3.3 rt
Psm 1229+89 CL	639.735	Permanent Survey Marker (Pt#2092) Sta 1229+87.87 @ centerline of median
Bm 45	637.993	chslid [] ctr S end inlet hdwl between SBL & W frontage rd, sta 1248+26.8 @ 104.3 rt
Psm 1261+00 CL	633.770	Permanent Survey Marker (Pt#2091) Sta 1260+98.79 @ centerline of median
Bm 46	634.622	chslid [] ctr S end inlet hdwl, sta 1262+13.2 @ cl (N inlet of 2 inlets)
Bm 47	636.932	chslid [] NW cor conc pad median inlet, sta 1274+93 @ 4.0 rt
Psm 1284+65 CL	637.620	Permanent Survey Marker (Pt#2090) Sta 1284+63.61 @ centerline of median
Bm 48	639.006	chslid [] top center opening of median pier str # 068-0041, sta 1285+84.3 @ 0.4 lt
Bm 49	633.225	chslid [] NW cor conc pad median inlet, sta 1297+60.1 @ 5.6 rt
Psm 1302+17 CL	635.433	Permanent Survey Marker (Pt#2089) Sta 1302+15.72 @ centerline of median
Psm 1316+06 CL	641.700	Permanent Survey Marker (Pt#2088) Sta 1316+04.40 @ centerline of median
Bm 50	644.477	chslid [] ctr N inlet hdwl @ CL median, sta 1318+04.25 @ 0.6 rt, S of median crossover
Psm 1333+65 CL	646.847	Permanent Survey Marker (Pt#2087) Sta Eq 1333+60.23 = 1333+63.55 @ centerline of median
Psm 1339+51 CL	647.140	Permanent Survey Marker (Pt#2086) Sta 1339+51.89 @ 1.021 Lt centerline of median
Bm 51	646.547	chslid [] E conc foundation Rest Area 1/2 mile sign W side of SBL, sta 1343+08.5 @ 104.7 rt
Psm 1345+43 CL	645.337	Permanent Survey Marker (Pt#2085) Sta 1345+43.48 @ 0.2 Lt centerline of median
Bm 52	644.242	chslid [] NW cor conc pad median inlet, sta 1350+95.15 @ 5.1 rt
Psm 1351+57 CL	644.224	Permanent Survey Marker (Pt#2084) Sta 1351+57.76 @ centerline of median
Bm 53	637.975	chslid [] NW cor conc pad median inlet, sta 1363+40.6 @ 4.4 rt
Bm 55	640.562	chslid [] ctr conc hdwl W side SBL entrance ramp rest area, sta 1375+87.1 @ 188.4 rt
Bm 56	643.073	chslid x on W. bolt of large light pole NE of SBL rest area building (bm 108 from fai 55 bk 176) sta 1379+97.7 @ 385.5 rt CL median
Bm 1078	625.209	chslid [] S end conc pad median inlet, sta 1078+43.4 @ 2.3 lt
Bm JH1	630.633	chslid [] W end N abut str# 068-0038 NBL, sta 1065+38.3 @ 35.1 lt, S of Farmersville from fai 55 bk 184 pg 23
Bm JH2	630.395	chslid [] N end NW corner abut SBL, str# 068-0039, sta 1066+50.6 @ 80.5 rt, S of Farmersville

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design firm
no. 184001036
whks
engineers • planners • land surveyors

USER NAME = bjohanson	DESIGNED - RKA	REVISED -
PLOT SCALE = 12000.0,0000 " = 1" / ft.	DRAWN - GSJ	REVISED -
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**ALIGNMENT, TIES, AND BENCHMARKS
RESURFACING(INT 3RD)**

SCALE: 1" = 50' SHEET 2 OF 4 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	*	MONTGOMERY	192	36
CONTRACT NO. 72G54				
ILLINOIS FED. AID PROJECT				

*(68-4R51-BY, 68-5HB)D, 68-3R55

CONTROL POINTS

NAD 83/1997adj State Plane Coordinates - IL West Zone

POINT #	NORTHING	EASTING	ELEVATION	FEATURE	DESC.
2084	981331.072	2444699.193	644.224	103	PSM 3" BRASS DISK
2085	981945.333	2444694.681	645.337	103	PSM 3" BRASS DISK
2086	982536.909	2444690.007	647.140	103	PSM 3" BRASS DISK
2087	983128.002	2444681.385	646.847	103	PSM 3" BRASS DISK
2088	984887.476	2444655.874	641.700	103	PSM 3" BRASS DISK
2089	986276.009	2444635.722	635.433	103	PSM 3" BRASS DISK
2090	988027.934	2444610.356	637.620	103	PSM 3" BRASS DISK
2091	990392.510	2444576.135	633.770	103	PSM 3" BRASS DISK
2092	993503.103	2444531.412	639.735	103	PSM 3" BRASS DISK
2093	995606.284	2444500.644	641.745	103	PSM 3" BRASS DISK
2094	996902.216	2444481.960	638.740	103	PSM 3" BRASS DISK
2095	998275.190	2444461.812	639.863	103	PSM 3" BRASS DISK
2096	1000232.483	2444433.216	639.269	103	PSM 3" BRASS DISK
2097	1000885.410	2444423.745	642.352	103	PSM 3" BRASS DISK
2098	1001538.994	2444409.200	640.178	103	PSM 3" BRASS DISK
2099	1003690.268	2444361.505	629.713	103	PSM 3" BRASS DISK
2100	1003241.117	2444371.508	631.609	103	PSM 3" BRASS DISK
2101	1002391.315	2444390.228	634.702	103	PSM 3" BRASS DISK
2102	1005470.509	2444322.583	631.079	103	PSM 3" BRASS DISK
2103	1005796.589	2444315.039	632.684	103	PSM 3" BRASS DISK
2104	1007051.569	2444286.298	635.762	103	PSM 3" BRASS DISK
2105	1008195.891	2444261.202	628.703	103	PSM 3" BRASS DISK
2107	1008582.905	2444252.663	625.372	103	PSM 3" BRASS DISK
2111	1011862.253	2444179.190	639.736	103	PSM 3" BRASS DISK
2112	1012189.879	2444171.906	641.266	103	PSM 3" BRASS DISK
2113	1012896.618	2444156.402	640.181	103	PSM 3" BRASS DISK
2114	1013489.228	2444143.210	642.516	103	PSM 3" BRASS DISK
2115	1014184.805	2444127.756	645.658	103	PSM 3" BRASS DISK
3251	987834.873	2444694.743	640.398	103	REBAR w/IDOT CAP
3252	1003427.753	2444452.257	632.960	103	REBAR w/IDOT CAP
3253	1012023.745	2444267.899	642.700	103	REBAR w/IDOT CAP
3254	1011972.288	2444081.198	644.026	103	REBAR w/IDOT CAP
3255	987962.384	2444486.142	640.240	103	REBAR w/IDOT CAP
3256	1003282.990	2444242.859	633.287	103	REBAR w/IDOT CAP

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design firm
 no. 184001036

 engineers • planners • land surveyors

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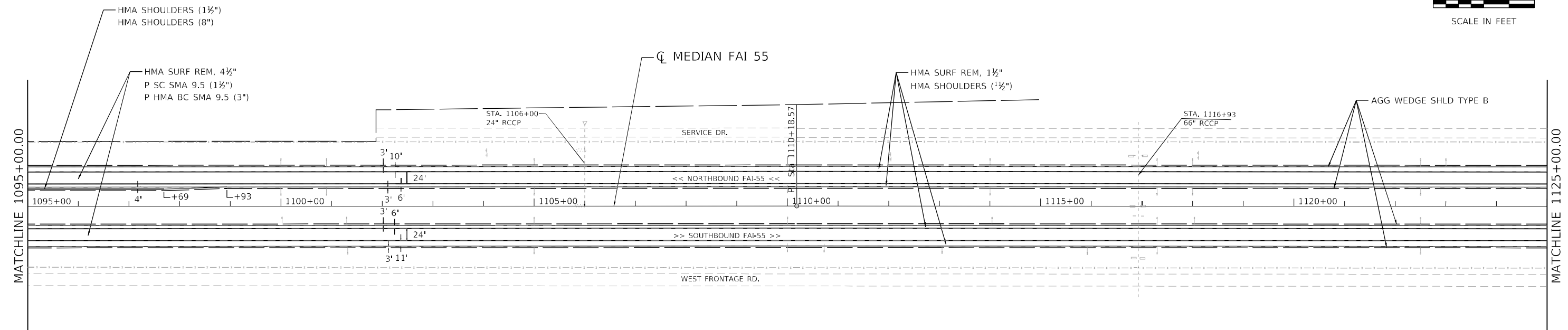
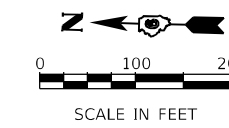
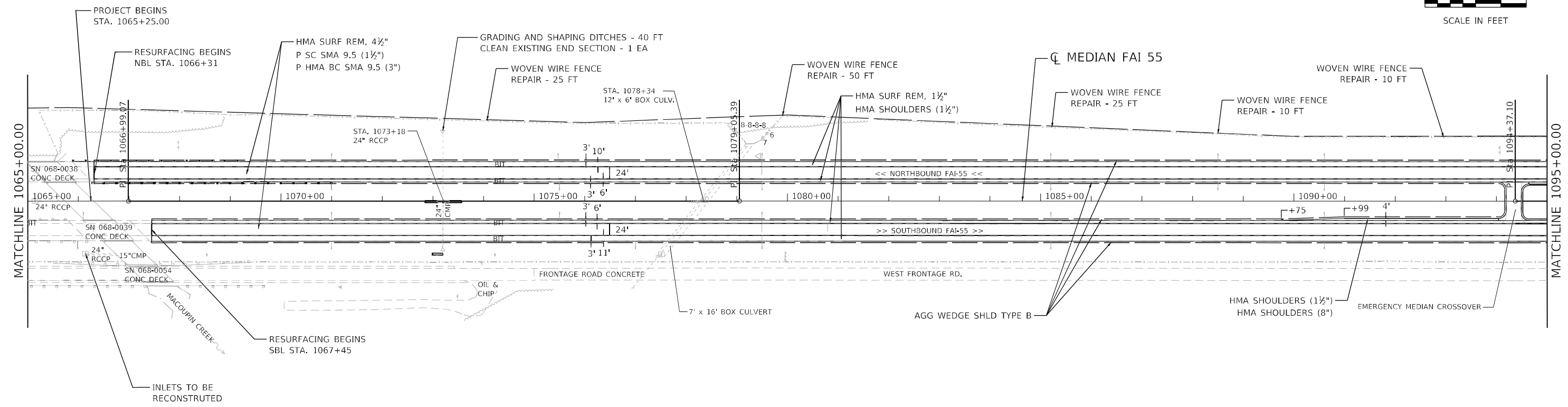
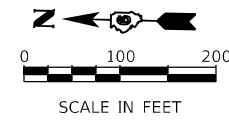
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**ALIGNMENT, TIES, AND BENCHMARKS
RESURFACING(INT 3RD)**

SCALE: 1" = 50' SHEET 4 OF 4 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	*	MONTGOMERY	192	38
CONTRACT NO.72G54				
ILLINOIS FED. AID PROJECT				

*(68-4R51-BY, 68-5HB)D, 68-3R55



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USER NAME = bjohanson	DESIGNED - RKA	REVISED -
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

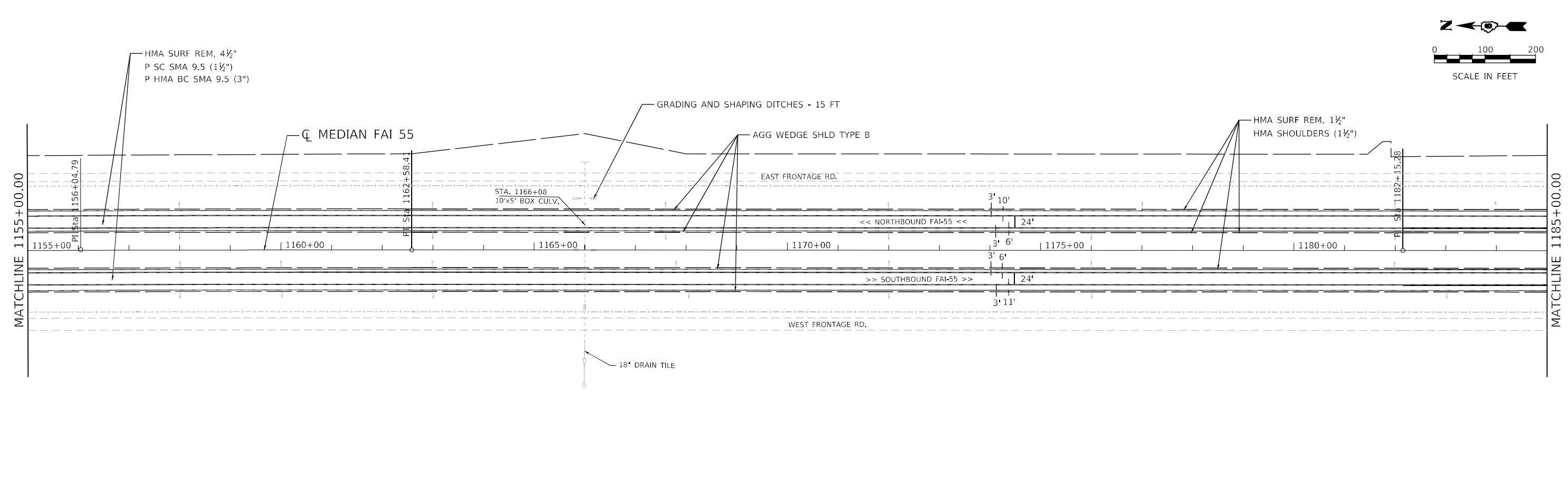
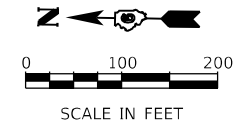
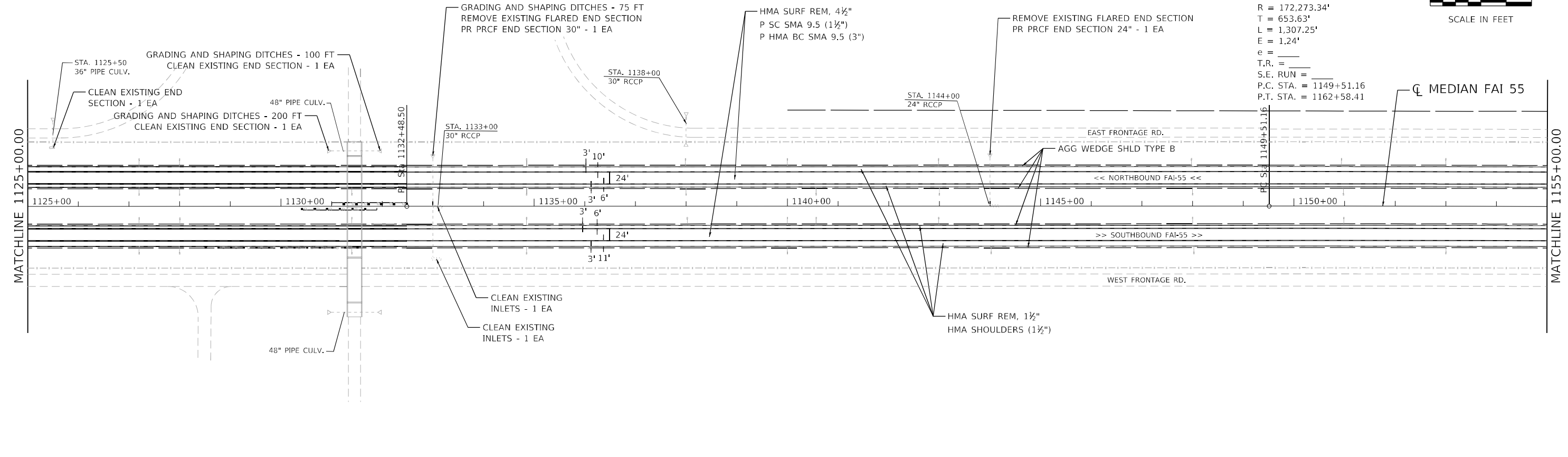
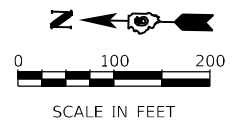
**PLAN SHEET
RESURFACING(INT 2ND)**

SCALE: 1" = 100' SHEET 1 OF 5 STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	*	MONTGOMERY	192	39
CONTRACT NO. 72G54				
ILLINOIS FED. AID PROJECT				

*(68-4R51-BY, 68-5HB)D, 68-3R55

EXIST. CURVE 4
 PI STA. = 1156+04.79
 $\Delta = 0^\circ 26' 05''$ (RT)
 $D = 0^\circ 02' 00''$
 $R = 172,273.34'$
 $T = 653.63'$
 $L = 1,307.25'$
 $E = 1.24'$
 $e =$
 T.R. =
 S.E. RUN =
 P.C. STA. = 1149+51.16
 P.T. STA. = 1162+58.41



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design firm
 no. 184001036

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USER NAME = bjohnson	DESIGNED - RKA	REVISED -
DRAWN - GSJ	REVISED -	
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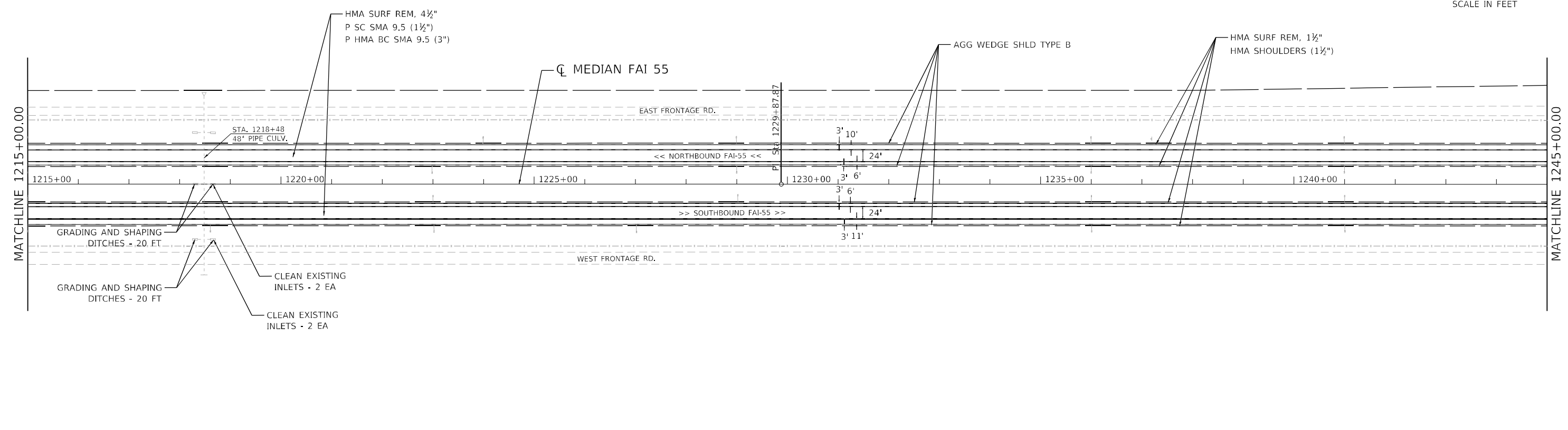
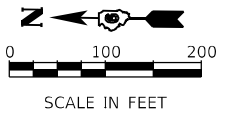
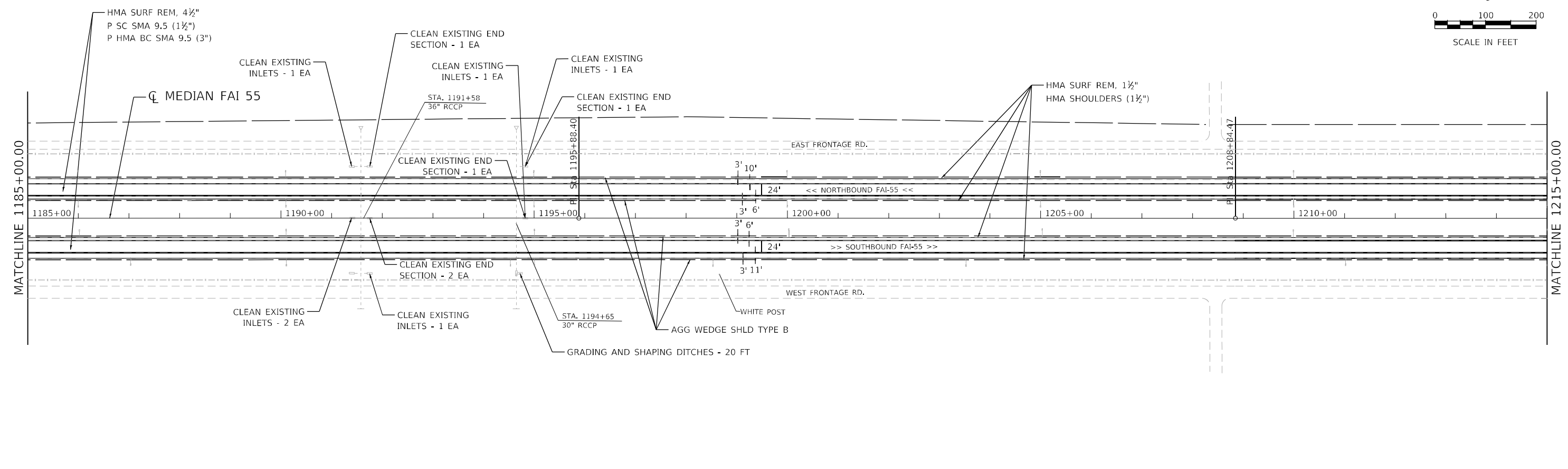
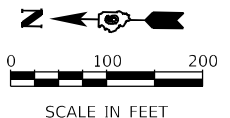
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAN SHEET
RESURFACING(INT 2ND)

SCALE: 1" = 100' SHEET 2 OF 5 STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	*	MONTGOMERY	192	40
CONTRACT NO. 72G54				
ILLINOIS FED. AID PROJECT				

*(68-4R51-BY, 68-5HB)D, 68-3R55



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 no. 184001036
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USER NAME = bjohanson	DESIGNED - RKA	REVISED -
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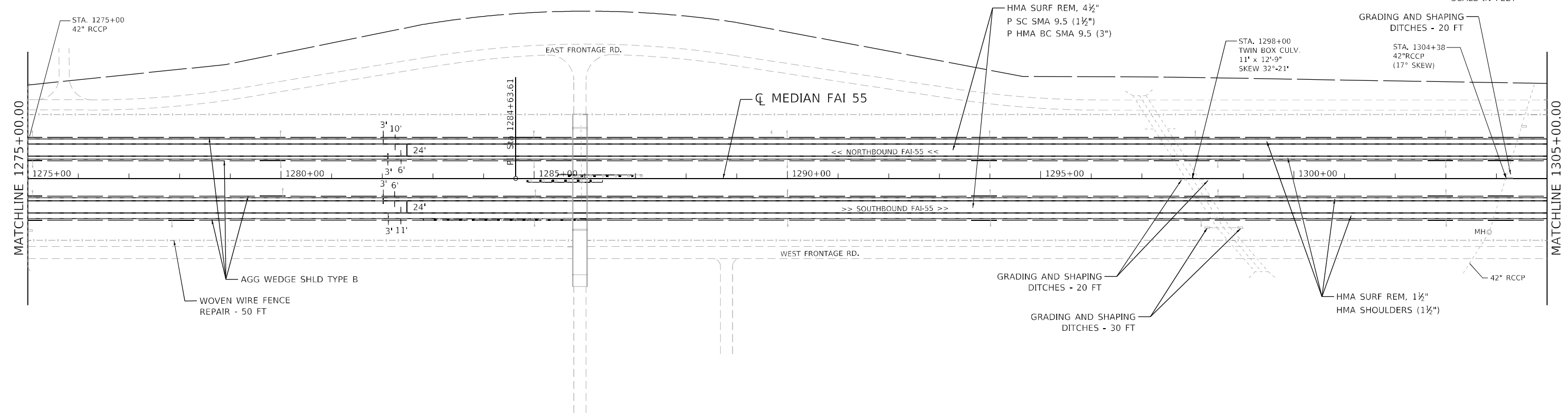
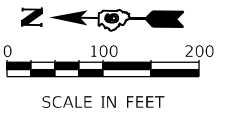
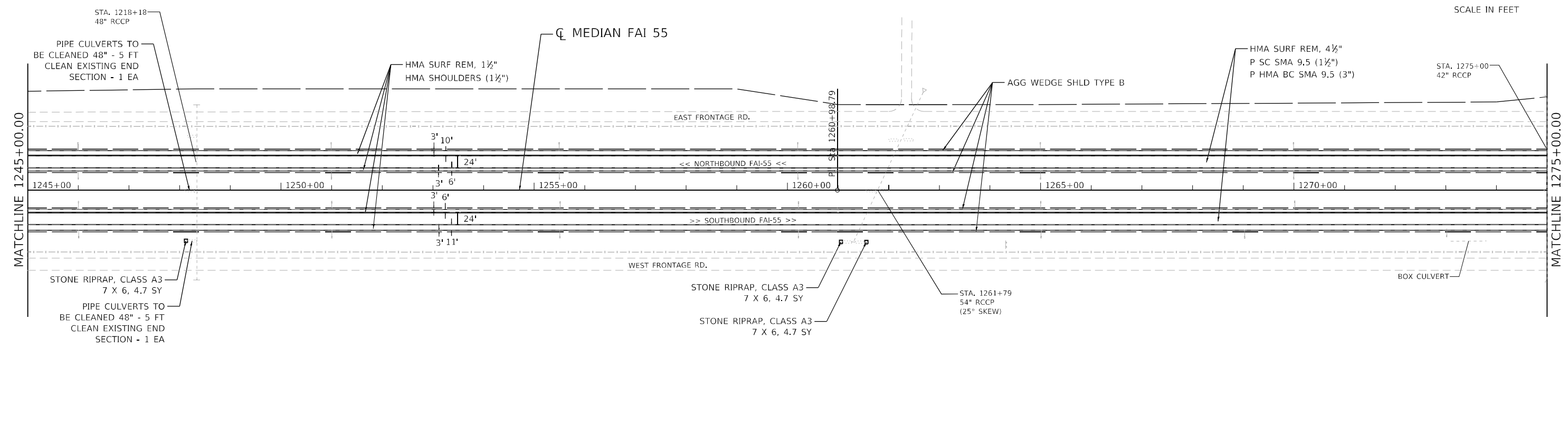
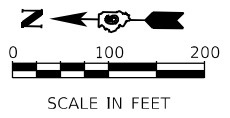
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**PLAN SHEET
 RESURFACING(INT 2ND)**

SCALE: 1" = 100' SHEET 3 OF 5 STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	*	MONTGOMERY	192	41
CONTRACT NO. 72G54				
ILLINOIS FED. AID PROJECT				

*(68-4R51-BY, 68-5HB)D, 68-3R55



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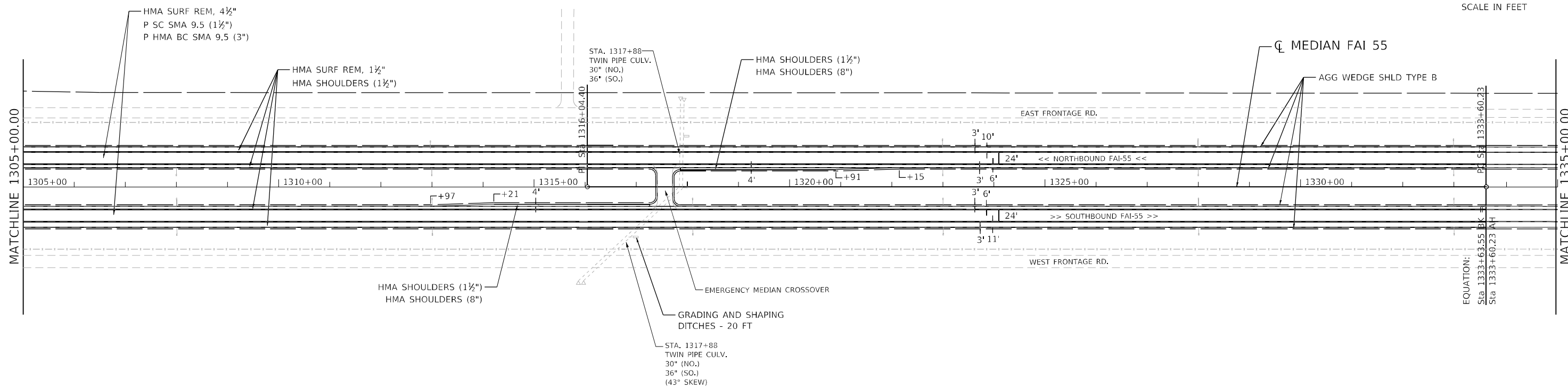
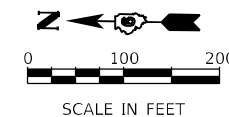
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

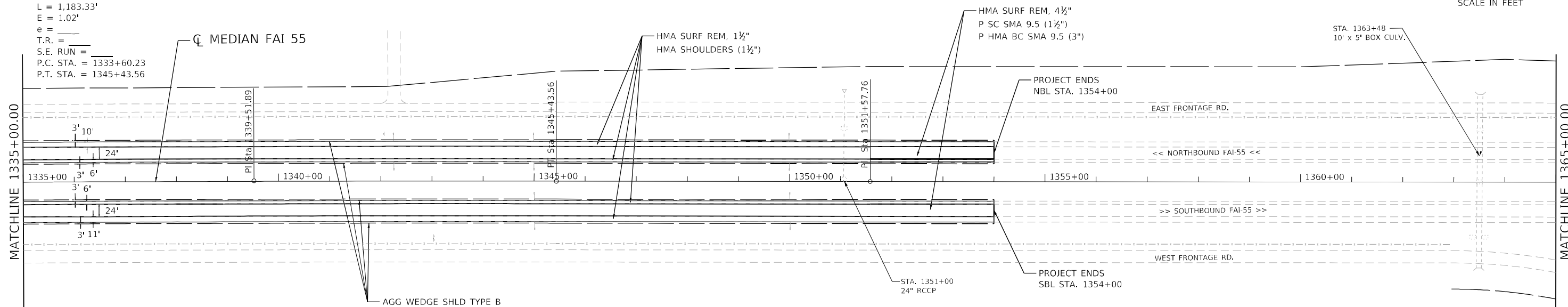
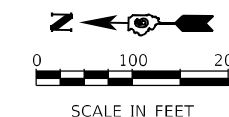
PLAN SHEET RESURFACING(INT 2ND)			
SCALE: 1" = 100'	SHEET 4	OF 5	TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	*	MONTGOMERY	192	42
CONTRACT NO. 72G54				
ILLINOIS FED. AID PROJECT				

*(68-4R51-BY, 68-5HB)D, 68-3R55



EXIST. CURVE 5
 PI STA. = 1339+51.89
 $\Delta = 0^\circ 23' 44''$ (RT)
 $D = 0^\circ 02' 00''$
 $R = 171,438.49'$
 $T = 591.67'$
 $L = 1,183.33'$
 $E = 1.02'$
 $e =$
 $T.R. =$
 $S.E. RUN =$
 P.C. STA. = 1333+60.23
 P.T. STA. = 1345+43.56



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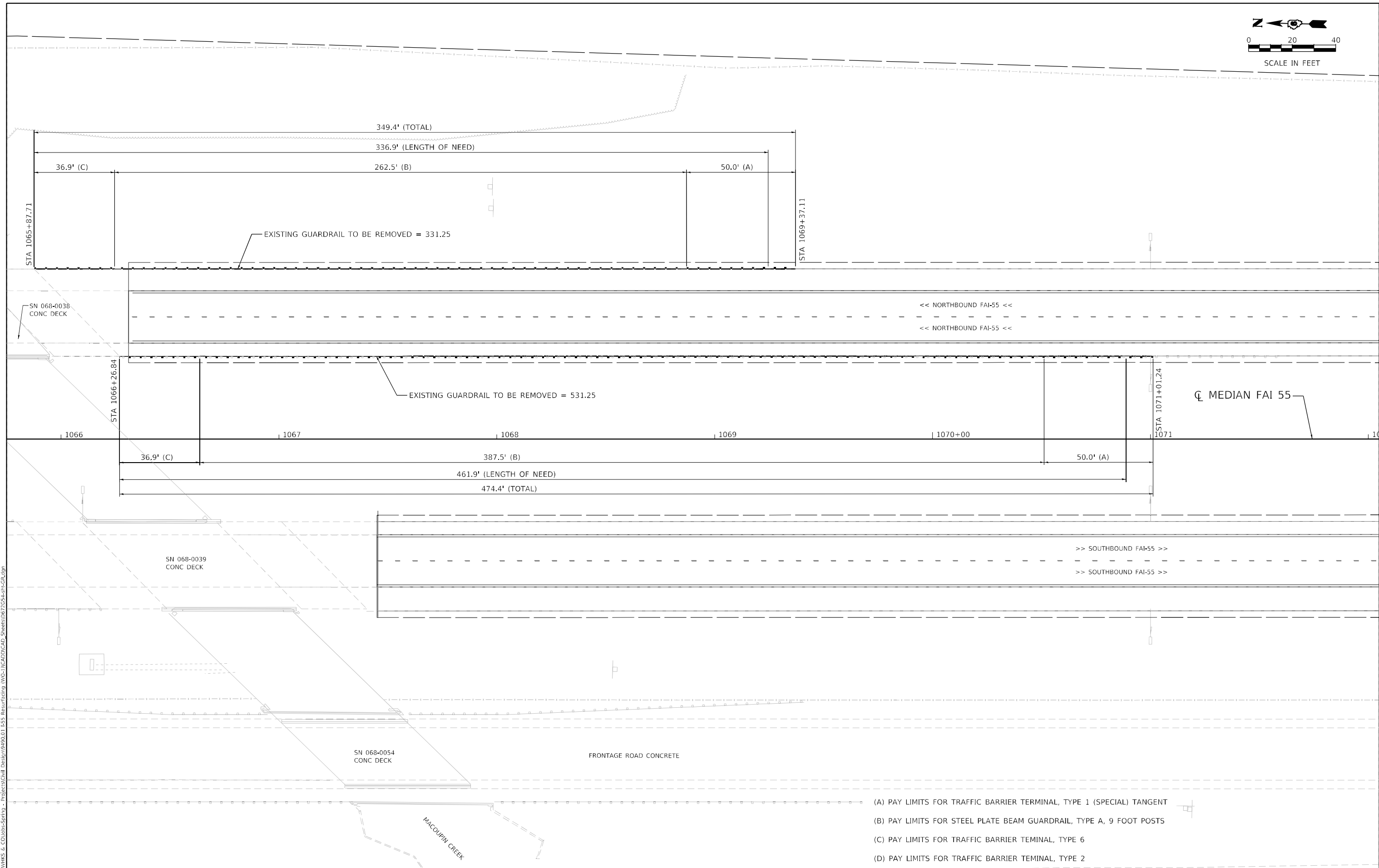
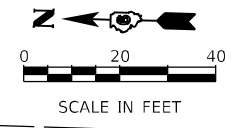
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PLAN SHEET
RESURFACING(INT 2ND)**

SCALE: 1" = 100' SHEET 5 OF 5 STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	*	MONTGOMERY	192	43
CONTRACT NO. 72G54				

ILLINOIS FED. AID PROJECT
 *(68-4R51-BY, 68-5HB)D, 68-3R55



- (A) PAY LIMITS FOR TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT
- (B) PAY LIMITS FOR STEEL PLATE BEAM GUARDRAIL, TYPE A, 9 FOOT POSTS
- (C) PAY LIMITS FOR TRAFFIC BARRIER TEMINAL, TYPE 6
- (D) PAY LIMITS FOR TRAFFIC BARRIER TEMINAL, TYPE 2

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design firm
 no. 184001036

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USER NAME = bjohanson	DESIGNED - RKA	REVISED -
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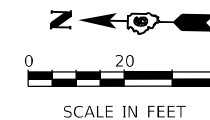
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**GUARDRAIL PLAN
 RESURFACING(INT 2ND)**

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	*	MONTGOMERY	192	44
CONTRACT NO.72G54				

ILLINOIS FED. AID PROJECT
 *(68-4R51-BY, 68-5HB)D, 68-3R55



MORRISONVILLE AVE

S.N. 068-0040

WEST FRONTAGE RD.

<< NORTHBOUND FAI-55 <<

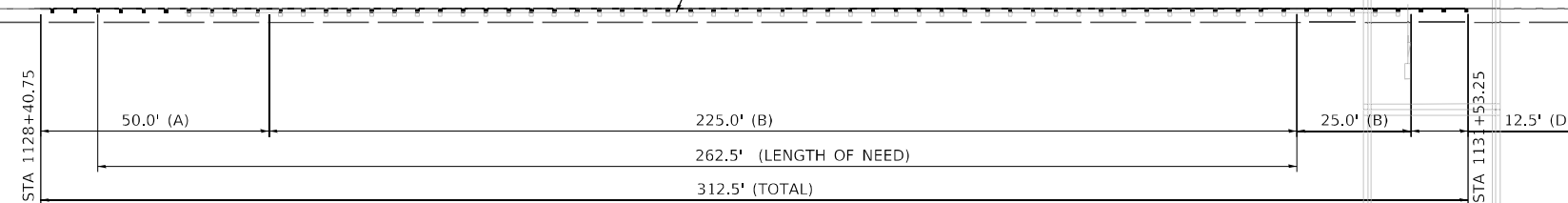
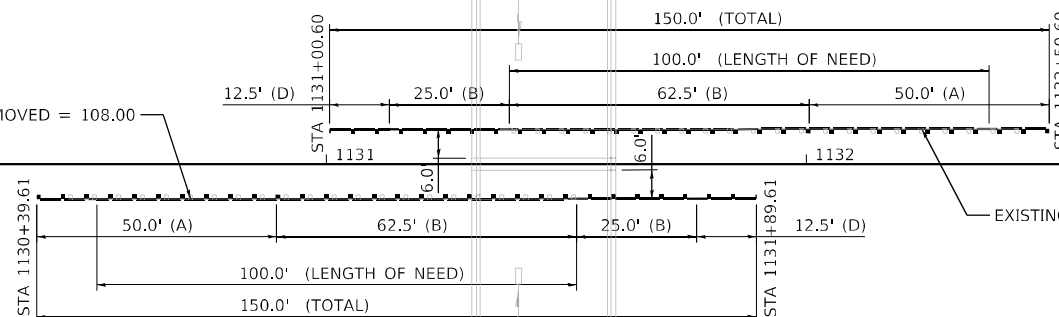
<< NORTHBOUND FAI-55 <<

☉ MEDIAN FAI 55

EXISTING GUARDRAIL TO BE REMOVED = 108.00

EXISTING GUARDRAIL TO BE REMOVED = 106.00

EXISTING GUARDRAIL TO BE REMOVED = 266.00



- (A) PAY LIMITS FOR TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT
- (B) PAY LIMITS FOR STEEL PLATE BEAM GUARDRAIL, TYPE A, 9 FOOT POSTS
- (C) PAY LIMITS FOR TRAFFIC BARRIER TERMINAL, TYPE 6
- (D) PAY LIMITS FOR TRAFFIC BARRIER TERMINAL, TYPE 2

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design firm
no. 184001036
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USER NAME = bjohanson	DESIGNED - RKA	REVISED -
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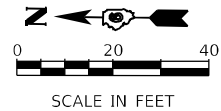
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**GUARDRAIL PLAN
RESURFACING(INT 2ND)**

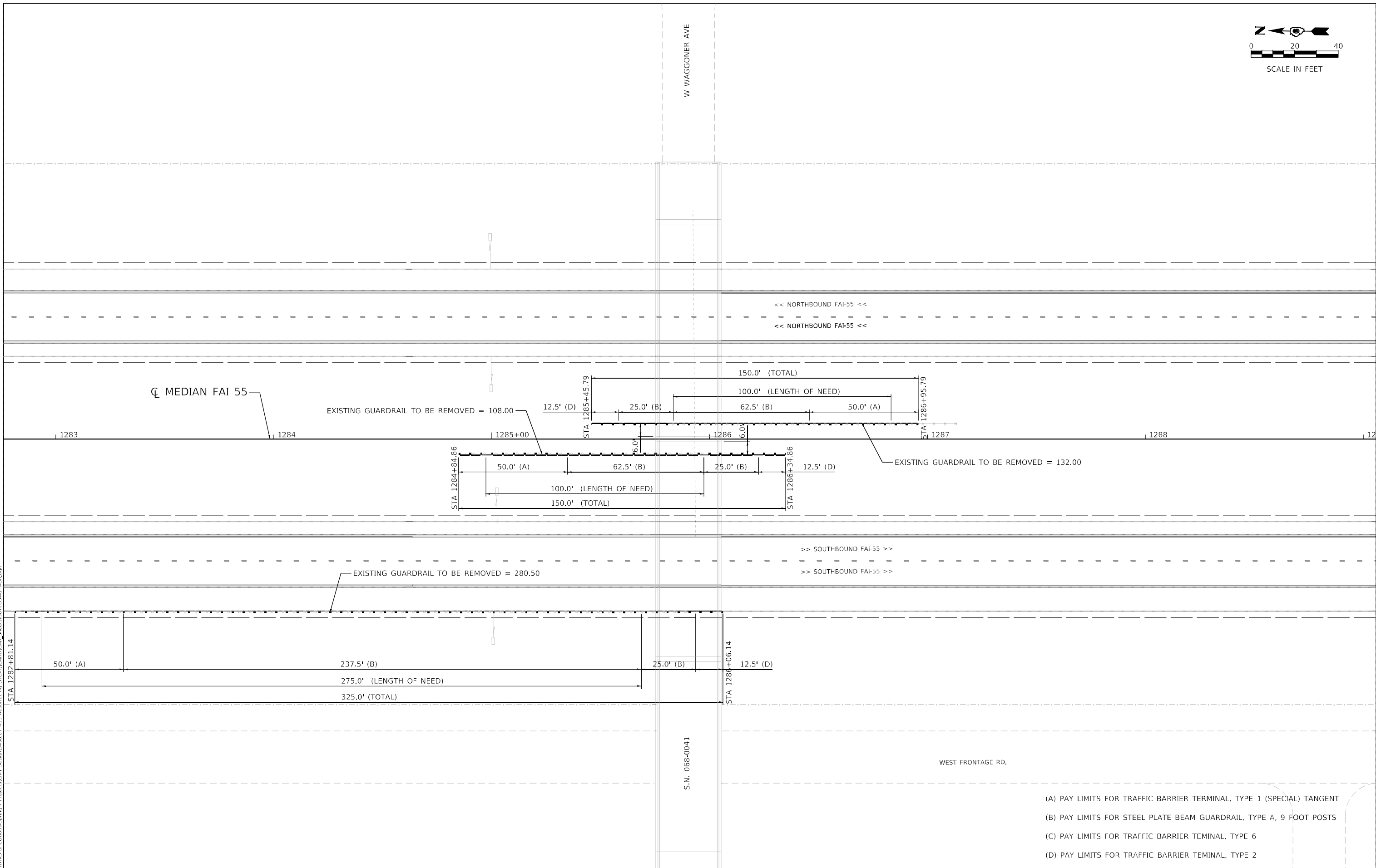
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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	*	MONTGOMERY	192	45
CONTRACT NO.72G54				

*(68-4R51-BY, 68-5HB)D, 68-3R55



W WAGGONER AVE



S.N. 068-0041

WEST FRONTAGE RD.

- (A) PAY LIMITS FOR TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT
- (B) PAY LIMITS FOR STEEL PLATE BEAM GUARDRAIL, TYPE A, 9 FOOT POSTS
- (C) PAY LIMITS FOR TRAFFIC BARRIER TEMINAL, TYPE 6
- (D) PAY LIMITS FOR TRAFFIC BARRIER TEMINAL, TYPE 2

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design firm
 no. 184001036

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USER NAME = bjohanson	DESIGNED - RKA	REVISED -
PLOT SCALE = 480,0000 ' / ft.	DRAWN - GSJ	REVISED -
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

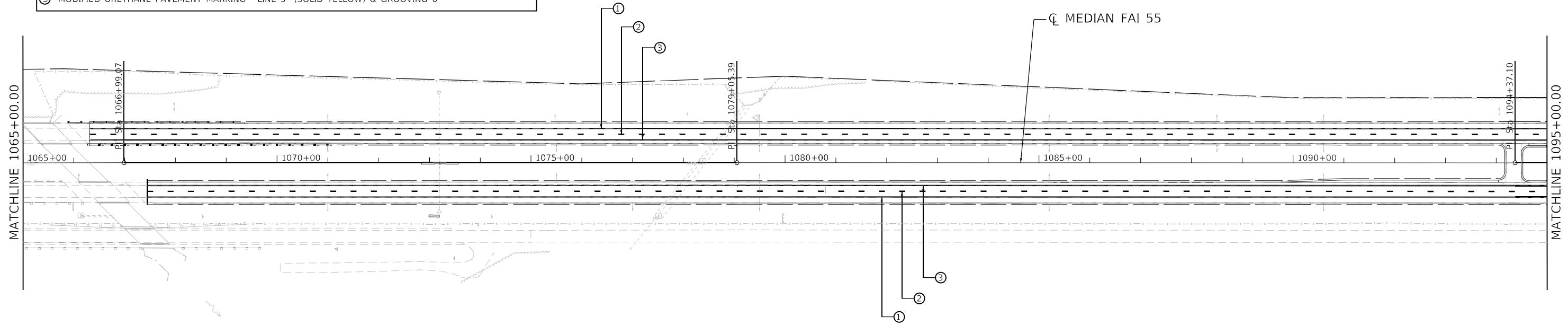
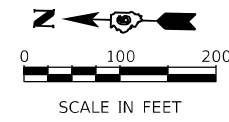
GUARDRAIL PLAN
RESURFACING(INT 2ND)

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

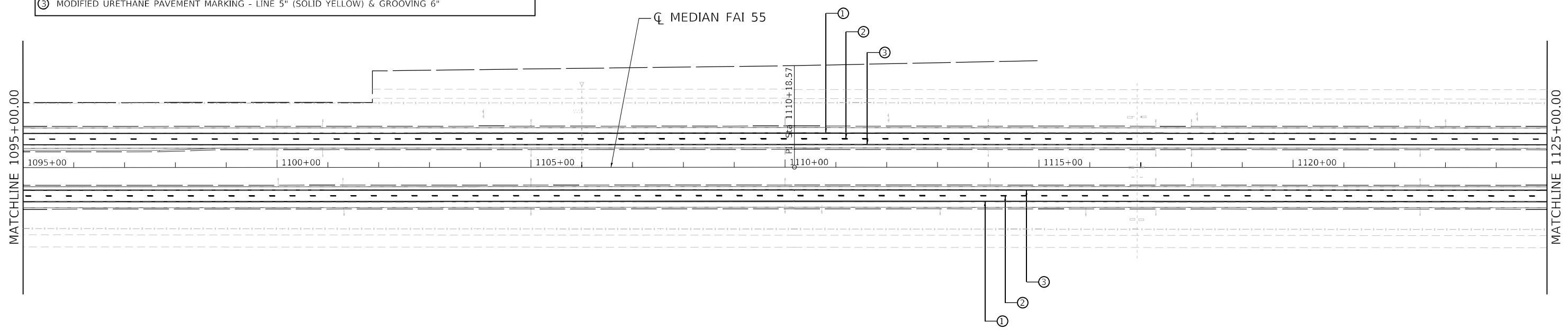
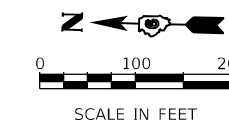
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55	*	MONTGOMERY	192	46
CONTRACT NO.72G54				
ILLINOIS FED. AID PROJECT				

*(68-4R51-BY, 68-5HB)D, 68-3R55

PAVEMENT MARKING LEGEND	
①	MODIFIED URETHANE PAVEMENT MARKING - LINE 5" (SOLID WHITE) & GROOVING 6"
②	MODIFIED URETHANE PAVEMENT MARKING - SKIP DASH 5" (10' DASH 30' SKIP - WHITE) & GROOVING 6"
③	MODIFIED URETHANE PAVEMENT MARKING - LINE 5" (SOLID YELLOW) & GROOVING 6"



PAVEMENT MARKING LEGEND	
①	MODIFIED URETHANE PAVEMENT MARKING - LINE 5" (SOLID WHITE) & GROOVING 6"
②	MODIFIED URETHANE PAVEMENT MARKING - SKIP DASH 5" (10' DASH 30' SKIP - WHITE) & GROOVING 6"
③	MODIFIED URETHANE PAVEMENT MARKING - LINE 5" (SOLID YELLOW) & GROOVING 6"



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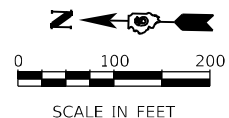
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING
RESURFACING(INT 2ND)

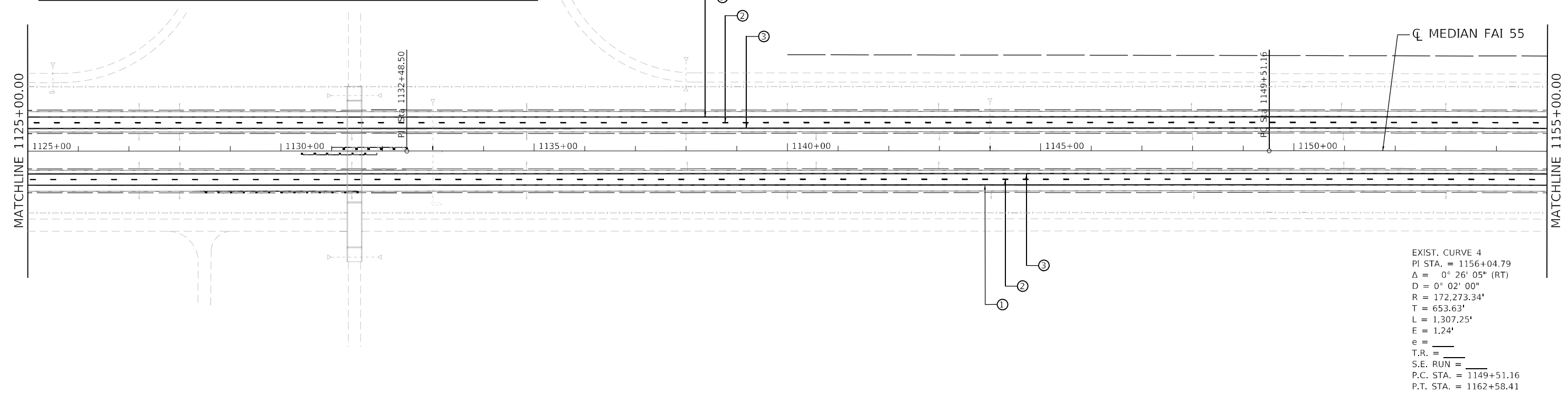
SCALE: 1" = 100' SHEET 1 OF 7 STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	*	MONTGOMERY	192	47
			CONTRACT NO. 72G54	

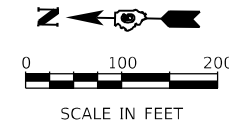
ILLINOIS FED. AID PROJECT
 *(68-4R51-BY, 68-5HB)D, 68-3R55



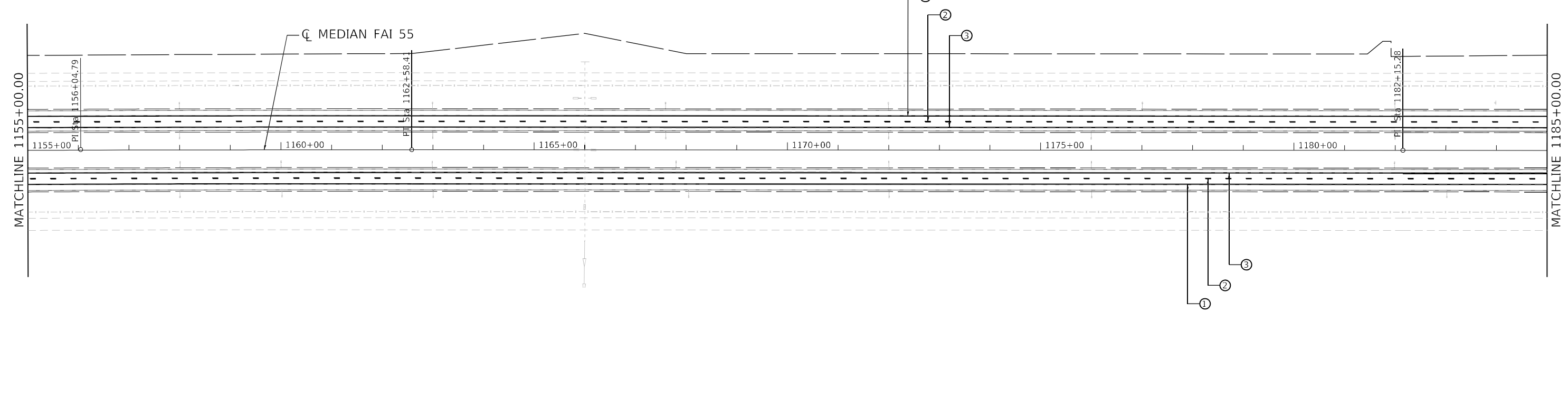
PAVEMENT MARKING LEGEND	
①	MODIFIED URETHANE PAVEMENT MARKING - LINE 5" (SOLID WHITE) & GROOVING 6"
②	MODIFIED URETHANE PAVEMENT MARKING - SKIP DASH 5" (10' DASH 30' SKIP - WHITE) & GROOVING 6"
③	MODIFIED URETHANE PAVEMENT MARKING - LINE 5" (SOLID YELLOW) & GROOVING 6"



EXIST. CURVE 4
 PI STA. = 1156+04.79
 $\Delta = 0^\circ 26' 05''$ (RT)
 $D = 0^\circ 02' 00''$
 $R = 172,273.34'$
 $T = 653.63'$
 $L = 1,307.25'$
 $E = 1.24'$
 $e =$
 $T.R. =$
 $S.E. RUN =$
 P.C. STA. = 1149+51.16
 P.T. STA. = 1162+58.41



PAVEMENT MARKING LEGEND	
①	MODIFIED URETHANE PAVEMENT MARKING - LINE 5" (SOLID WHITE) & GROOVING 6"
②	MODIFIED URETHANE PAVEMENT MARKING - SKIP DASH 5" (10' DASH 30' SKIP - WHITE) & GROOVING 6"
③	MODIFIED URETHANE PAVEMENT MARKING - LINE 5" (SOLID YELLOW) & GROOVING 6"



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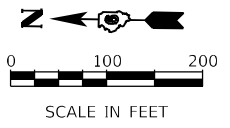
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	DATE - 10/21/2022	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

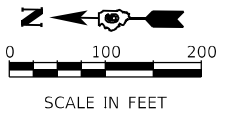
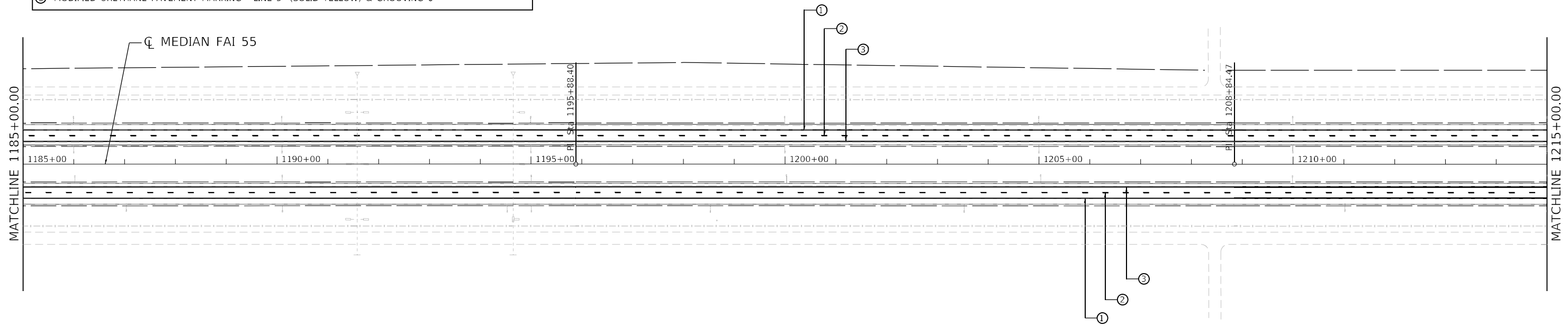
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SCALE: 1" = 100'	SHEET 2	OF 7	TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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CONTRACT NO. 72G54				

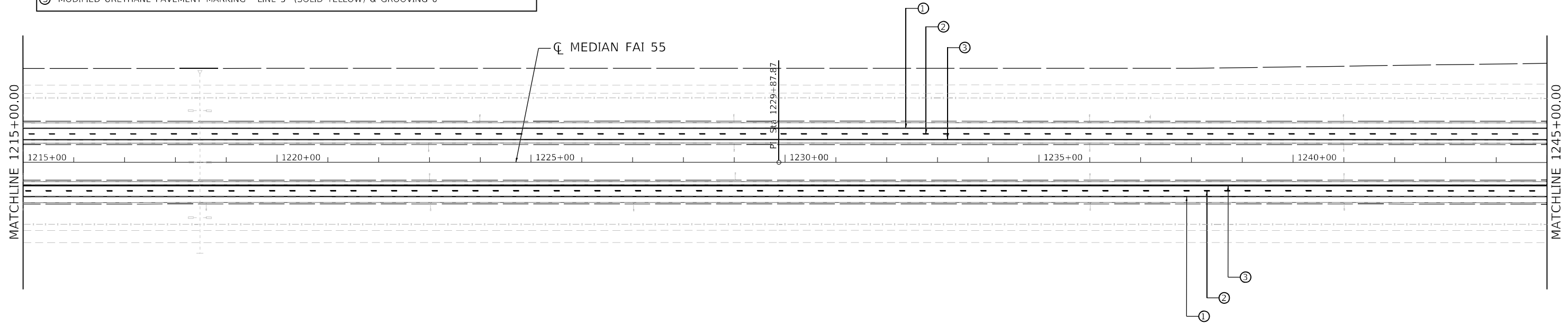
ILLINOIS FED. AID PROJECT
 *(68-4R51-BY, 68-5HB)D, 68-3R55



PAVEMENT MARKING LEGEND	
①	MODIFIED URETHANE PAVEMENT MARKING - LINE 5" (SOLID WHITE) & GROOVING 6"
②	MODIFIED URETHANE PAVEMENT MARKING - SKIP DASH 5" (10' DASH 30' SKIP - WHITE) & GROOVING 6"
③	MODIFIED URETHANE PAVEMENT MARKING - LINE 5" (SOLID YELLOW) & GROOVING 6"



PAVEMENT MARKING LEGEND	
①	MODIFIED URETHANE PAVEMENT MARKING - LINE 5" (SOLID WHITE) & GROOVING 6"
②	MODIFIED URETHANE PAVEMENT MARKING - SKIP DASH 5" (10' DASH 30' SKIP - WHITE) & GROOVING 6"
③	MODIFIED URETHANE PAVEMENT MARKING - LINE 5" (SOLID YELLOW) & GROOVING 6"



MODEL Path: \\s:\projects\civil\design\9490.01\55_Resurfacing\DWG\110CAD\110CAD_Sheets\06725454-1-1-110K.dwg
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USER NAME = bjohanson	DESIGNED - RKA	REVISED -
PLOT SCALE = 2400,0000 ' / ft.	DRAWN - GSJ	REVISED -
PLOT DATE = 10/21/2022	CHECKED - BJJ	REVISED -
	DATE - 10/21/2022	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

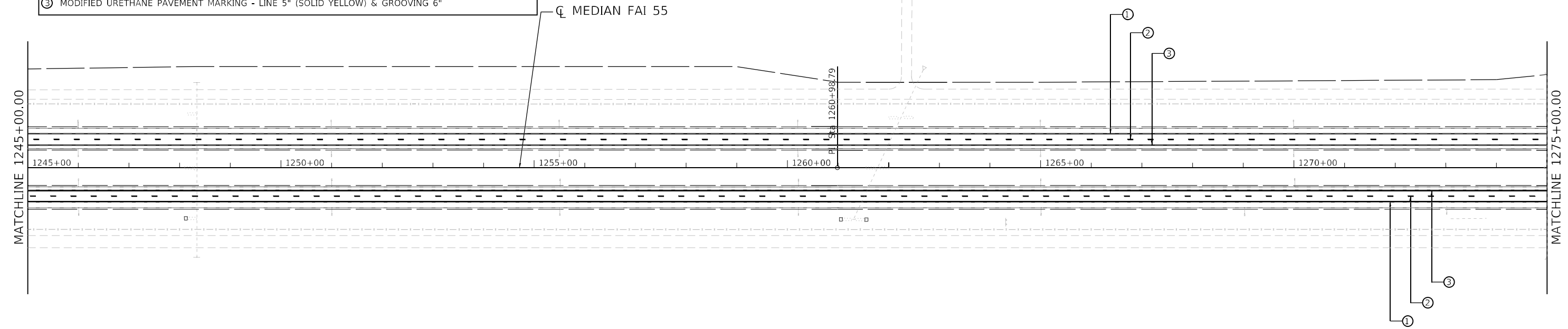
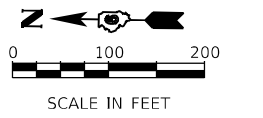
**PAVEMENT MARKING
RESURFACING(INT 2ND)**

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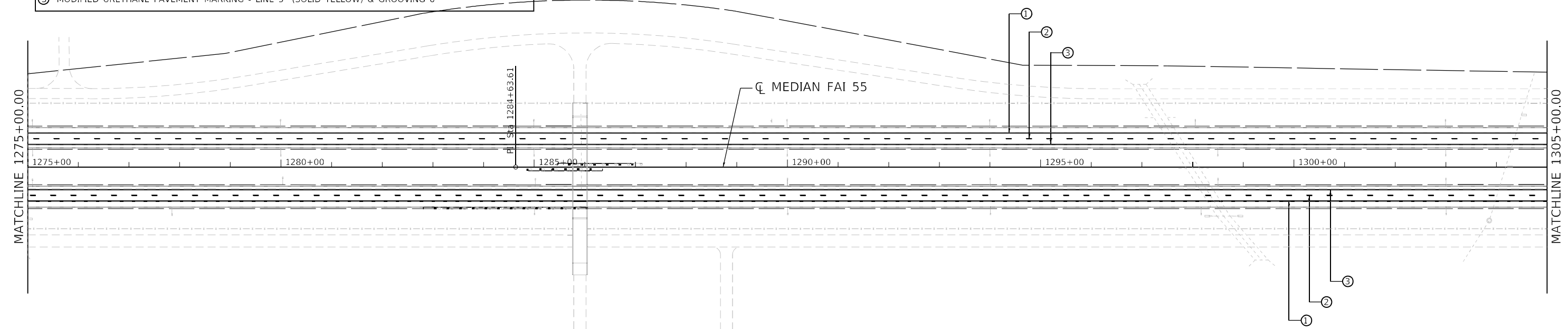
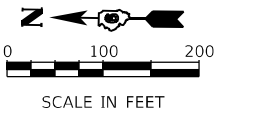
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	*	MONTGOMERY	192	49
CONTRACT NO.72G54			ILLINOIS FED. AID PROJECT	

*(68-4R51-BY, 68-5HB)D, 68-3R55

PAVEMENT MARKING LEGEND	
①	MODIFIED URETHANE PAVEMENT MARKING - LINE 5" (SOLID WHITE) & GROOVING 6"
②	MODIFIED URETHANE PAVEMENT MARKING - SKIP DASH 5" (10' DASH 30' SKIP - WHITE) & GROOVING 6"
③	MODIFIED URETHANE PAVEMENT MARKING - LINE 5" (SOLID YELLOW) & GROOVING 6"



PAVEMENT MARKING LEGEND	
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③	MODIFIED URETHANE PAVEMENT MARKING - LINE 5" (SOLID YELLOW) & GROOVING 6"



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USER NAME = bjohanson	DESIGNED - RKA	REVISED -
DRAWN - GSJ	REVISOR -	
PLOT SCALE = 2400,0000 ' / ft.	CHECKED - BJJ	REVISED -
PLOT DATE = 10/21/2022	DATE - 10/21/2022	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

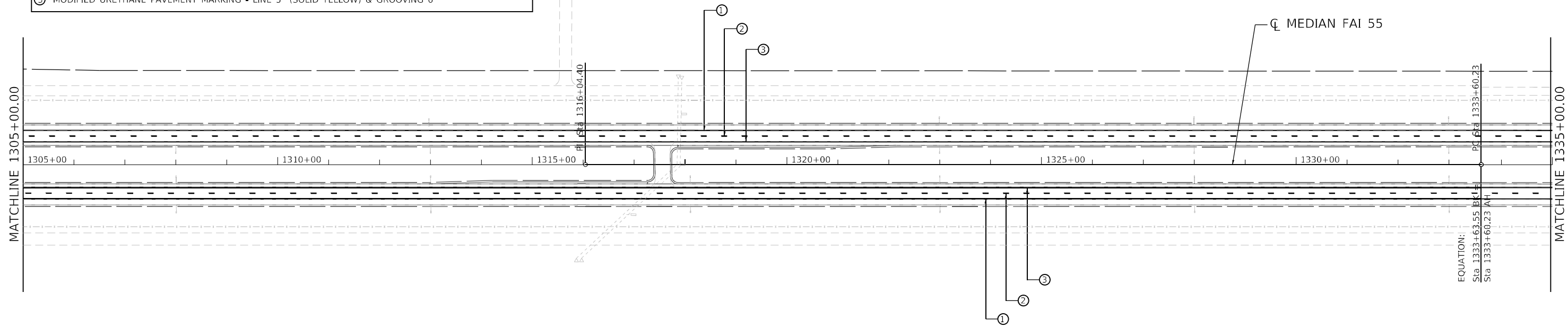
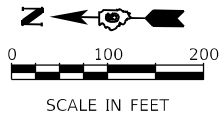
PAVEMENT MARKING
RESURFACING(INT 2ND)

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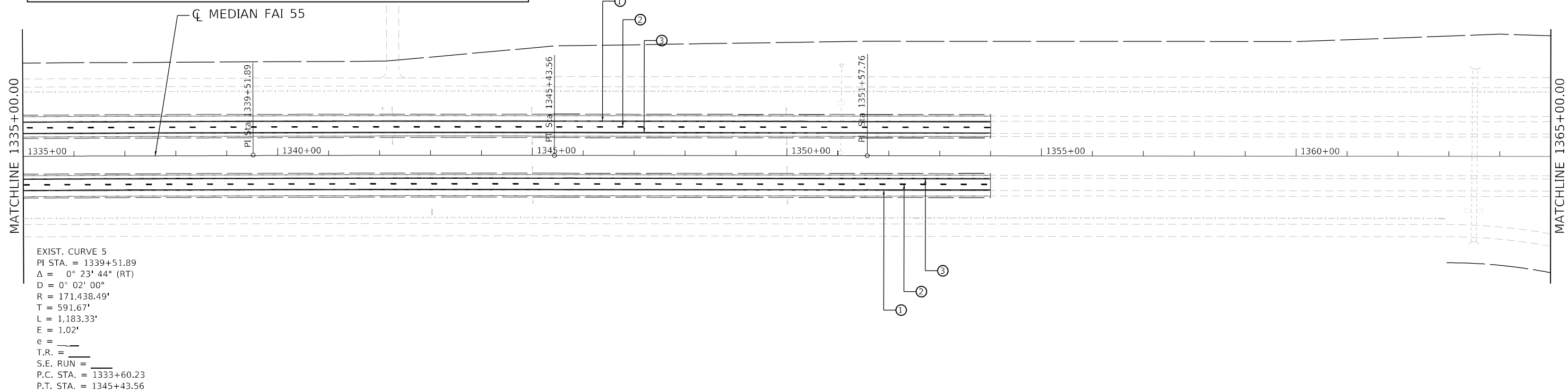
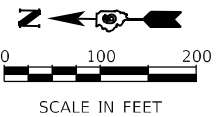
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	*	MONTGOMERY	192	50
CONTRACT NO.72G54				

ILLINOIS FED. AID PROJECT
*(68-4R51-BY, 68-5HB)D, 68-3R55

PAVEMENT MARKING LEGEND	
①	MODIFIED URETHANE PAVEMENT MARKING - LINE 5" (SOLID WHITE) & GROOVING 6"
②	MODIFIED URETHANE PAVEMENT MARKING - SKIP DASH 5" (10' DASH 30' SKIP - WHITE) & GROOVING 6"
③	MODIFIED URETHANE PAVEMENT MARKING - LINE 5" (SOLID YELLOW) & GROOVING 6"



PAVEMENT MARKING LEGEND	
①	MODIFIED URETHANE PAVEMENT MARKING - LINE 5" (SOLID WHITE) & GROOVING 6"
②	MODIFIED URETHANE PAVEMENT MARKING - SKIP DASH 5" (10' DASH 30' SKIP - WHITE) & GROOVING 6"
③	MODIFIED URETHANE PAVEMENT MARKING - LINE 5" (SOLID YELLOW) & GROOVING 6"



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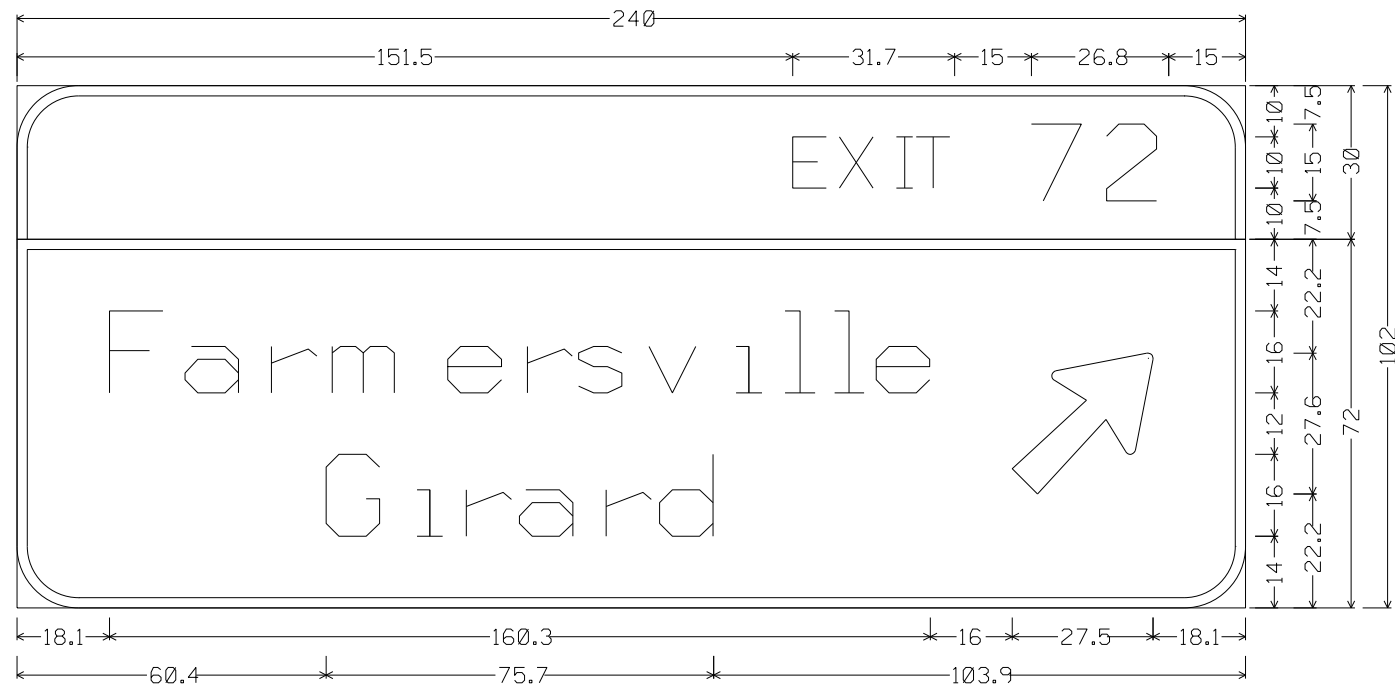
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PLOT DATE = 10/21/2022	CHECKED - BJJ	REVISED -
	DATE - 10/21/2022	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PAVEMENT MARKING RESURFACING(INT 2ND)			
SCALE: 1" = 100'	SHEET 5	OF 7	TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	*	MONTGOMERY	192	51
CONTRACT NO.72G54				

*(68-4R51-BY, 68-5HB)D, 68-3R55



12.0" Radius, 2.0" Border, White on Green;
 "EXIT", E 2K 120% spacing; "72", E 2K;

12.0" Radius, 2.0" Border, White on Green;
 "Farmersville", E Mod 2K; "Girard", E Mod 2K; Arrow 160 - 35.0" 45³³/₆₄;
 Table of distances between letter and object lefts

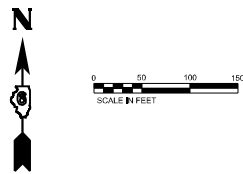
	E	X	I	T	7	2												
151.5	9.2	11.1	3.9	22.5	14.7	12.1	15.0											
18.1	F	a	r	m	e	r	s	v	i	l	l	e	↗					
14.7	17.0	11.8	22.6	15.5	10.1	13.7	17.0	9.6	9.6	8.1	26.6	27.5	18.1					
60.4	G	i	r	a	r	d												
17.8	9.6	10.4	16.9	10.4	10.6	103.9												

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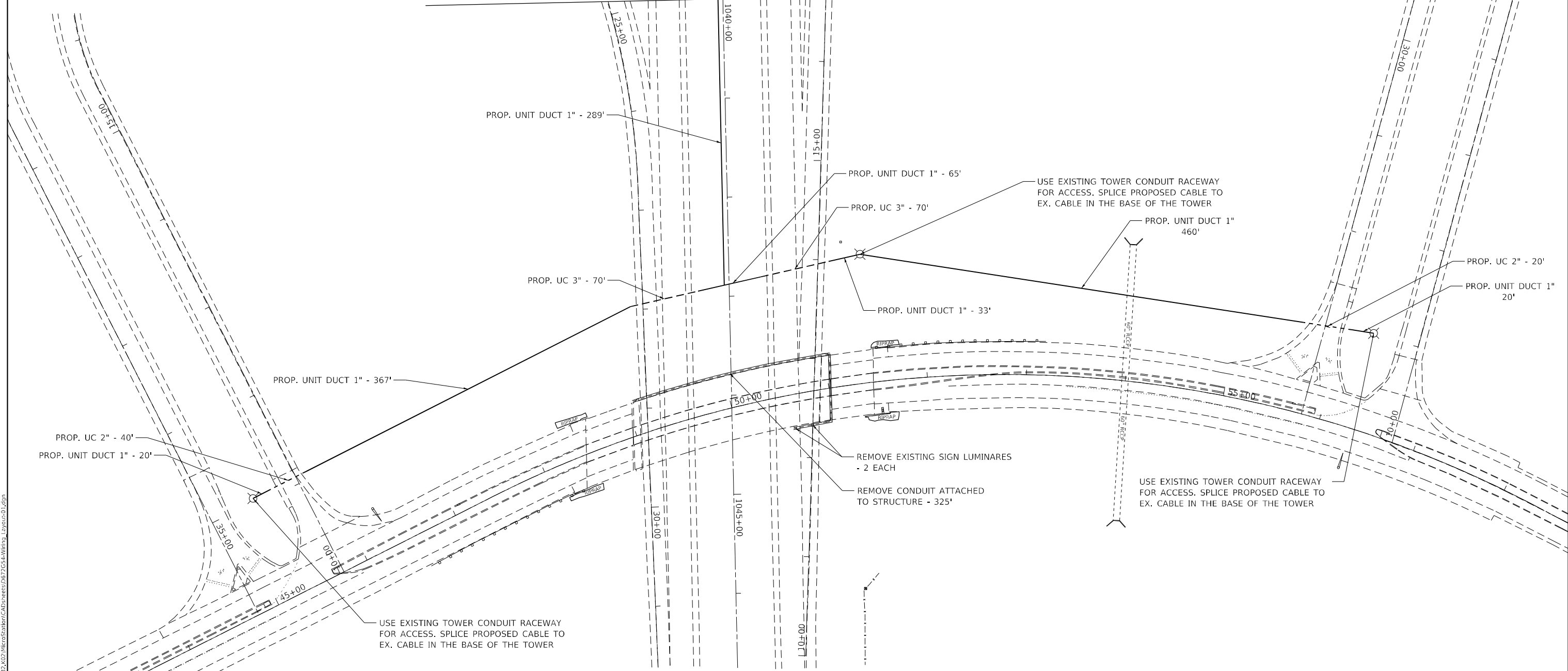
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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	*	MONTGOMERY	192	53
CONTRACT NO. 72G54			ILLINOIS FED. AID PROJECT	

*(68-4RSI-BY, 68-5HB)D, 68-3RS5



MATCH LINE STA. 1040+00



LEGEND

- UNDERGROUND CONDUIT, COILABLE NONMETALLIC CONDUIT, 2" DIA.
- UNDERGROUND CONDUIT, COILABLE NONMETALLIC CONDUIT, 3" DIA.
- UNIT DUCT, 600V, 2-1C NO. 6, 1/C NO. 6 GROUND, (XLP-TYPE USE), 1" DIA. POLYETHYLENE
- ===== REMOVE CONDUIT ATTACHED TO STRUCTURE

MODEL: Stage 3
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 1207 SINCLAIR DRIVE, SUITE 2 - JERSEYVILLE, IL 62952
 PHONE 618-664-0001
 ILLINOIS DESIGN FIRM NO. 18-0000000-0002
 WWW.BARTLETTWEST.COM

Bartlett & West

USER NAME = MAG01839	DESIGNED - RAM	REVISED -
CHECKED - KTW	REVISIONS -	
PLOT SCALE = 100,0000' / in.	DRAWN - RAM	REVISED -
PLOT DATE = 10/20/2022	CHECKED - KTW	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**LIGHTING CONDUIT PLAN
C.H. 17**

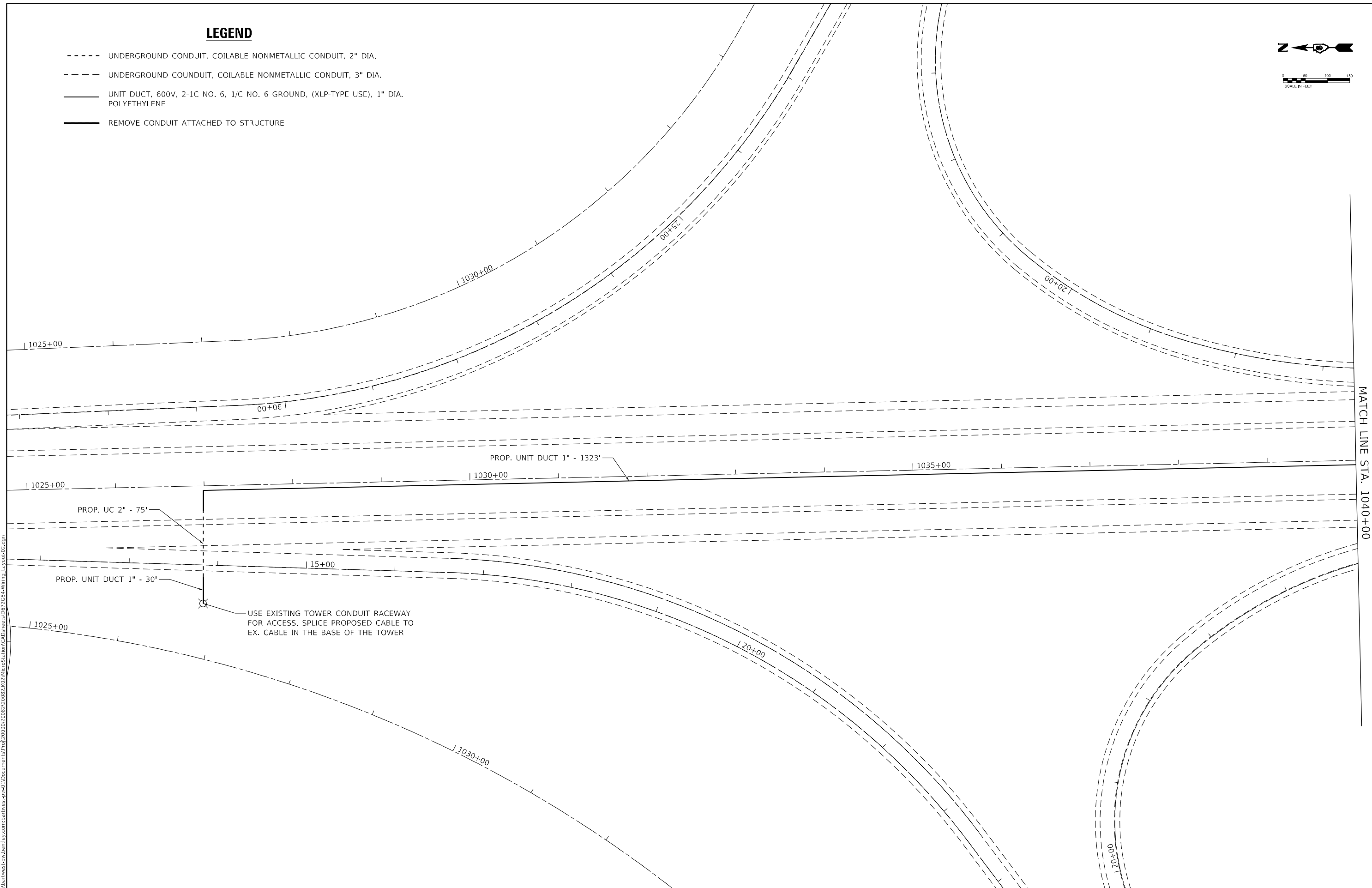
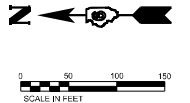
SCALE: 1" = 50' SHEET 01 OF 02 SHEETS STA. 43+00.00 TO STA. 58+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	*	MONTGOMERY	192	54
CONTRACT NO. 72G54				

(68-4RSI-BY, 68-5HB)D, 68-3RS5

LEGEND

- UNDERGROUND CONDUIT, COILABLE NONMETALLIC CONDUIT, 2" DIA.
- UNDERGROUND CONDUIT, COILABLE NONMETALLIC CONDUIT, 3" DIA.
- UNIT DUCT, 600V, 2-1C NO. 6, 1/C NO. 6 GROUND, (XLP-TYPE USE), 1" DIA. POLYETHYLENE
- REMOVE CONDUIT ATTACHED TO STRUCTURE



MODEL: Stage 3
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Bartlett & West
 1207 SINCLAIR DRIVE, SUITE 2 - JERSEYVILLE, IL 62552
 PHONE 618-664-0001
 ILLINOIS DESIGN FIRM NO 18-0000000-0002
 WWW.BARTLETTWEST.COM

USER NAME = MAG01839	DESIGNED - RAM	REVISED -
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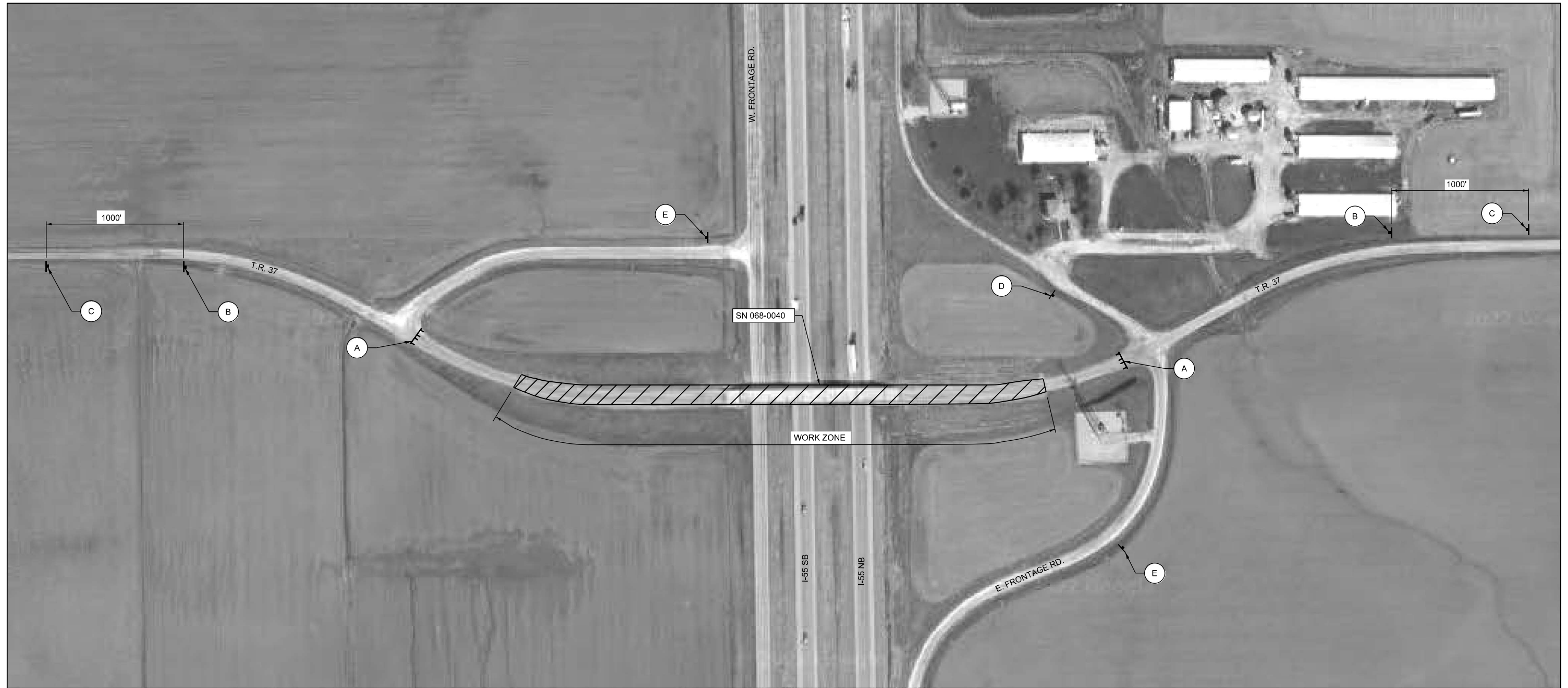
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**LIGHTING CONDUIT PLAN
C.H. 17**

SCALE: 1" = 50' SHEET 02 OF 02 SHEETS STA. 43+00.00 TO STA. 58+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	*	MONTGOMERY	192	55
CONTRACT NO. 72G54				
ILLINOIS FED. AID PROJECT				

*(68-4RSI-BY, 68-5HB)D, 68-3RS5



SIGNAGE LEGEND

A - TYPE III BARRICADES WITH R11-2(W) - 48"x30" AND FLASHING BI-DIRECTIONAL LIGHTS 2 EACH



B - W20-3(O) - 48"x48" WITH STEADY BURNING BI-DIRECTIONAL LIGHTS 2 EACH



C - W20-3(O) - 48"x48" WITH STEADY BURNING BI-DIRECTIONAL LIGHTS 2 EACH



D - W20-3(O) - 48"x48" WITH STEADY BURNING BI-DIRECTIONAL LIGHTS WITH M5-1R(O) - 2115 1 EACH

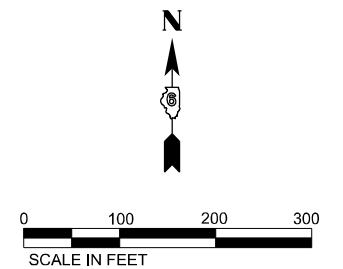


E - W20-3(O) - 48"x48" WITH STEADY BURNING BI-DIRECTIONAL LIGHTS WITH M5-1L(O) - 2115 2 EACH



GENERAL NOTES

- 1) ALL SIGNS SHALL BE FURNISHED, ERECTED, AND MAINTAINED BY THE CONTRACTOR.
- 2) SUGGESTED SIGNING PLAN. SEE HIGHWAY STANDARD BLR-21 FOR MINIMUM REQUIRED SETUP.



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KLINGNER & ASSOCIATES, P.C.
Engineers • Architects • Surveyors
616 N. 24TH ST. QUINCY, ILLINOIS 62301-2172, 223-3670
STATE OF ILLINOIS DESIGN FIRM NO. 184-2738

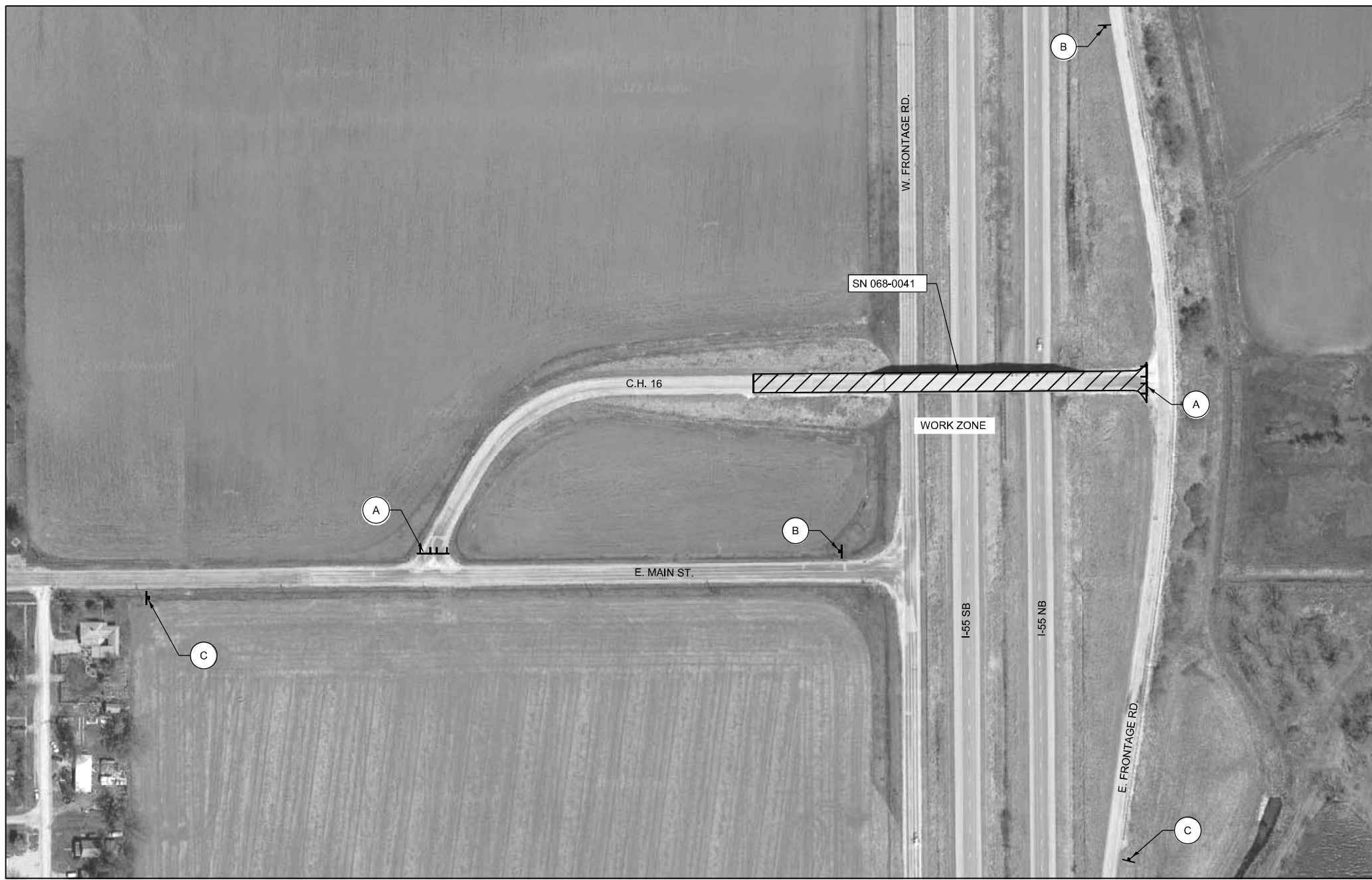
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	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**T.R. 37
ROAD CLOSURE PLAN**

SCALE: 1"=100' SHEET 1 OF 2 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	(68-4RS1-BY, 68-5HB)D, 68-3RS5	MONTGOMERY	192	56
CONTRACT NO. 72G54				
ILLINOIS FED. AID PROJECT				



C.H. 16

SIGNAGE LEGEND

A) TYPE III BARRICADES WITH R11-2(W) - 48"x30" AND FLASHING BI-DIRECTIONAL LIGHTS 2 EACH



B) W20-3(O) - 48"x48" WITH STEADY BURNING BI-DIRECTIONAL LIGHTS WITH M5-1R(0) - 2115 2 EACH



C) W20-3(O) - 48"x48" WITH STEADY BURNING BI-DIRECTIONAL LIGHTS WITH M5-1L(0) - 2115 2 EACH



GENERAL NOTES

- 1) ALL SIGNS SHALL BE FURNISHED, ERECTED, AND MAINTAINED BY THE CONTRACTOR.
- 2) SUGGESTED SIGNING PLAN. SEE HIGHWAY STANDARD BLR-21 FOR MINIMUM REQUIRED SETUP.



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KLINGNER & ASSOCIATES, P.C.
 Engineers • Architects • Surveyors
 616 N. 24TH ST. QUINCY, ILLINOIS 62301-2172, 223-3670
 STATE OF ILLINOIS DESIGN FIRM NO. 184-2738

USER NAME =	ams	DESIGNED -		REVISED -	
DRAWN -		DRAWN -		REVISED -	
PLOT SCALE =	200,0000' / in.	CHECKED -		REVISED -	
PLOT DATE =	10/17/2022	DATE -		REVISED -	

DESIGNED -		REVISED -	
DRAWN -		REVISED -	
CHECKED -		REVISED -	
DATE -		REVISED -	

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

C.H. 16 ROAD CLOSURE PLAN			
SCALE: 1"=100'	SHEET 2 OF 2 SHEETS	STA.	TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	(68-4RS1-BY, 68-5HB)D, 68-3RS5	MONTGOMERY	192	57
CONTRACT NO. 72G54				
		ILLINOIS	FED. AID PROJECT	

MAINTENANCE OF TRAFFIC GENERAL NOTES

BRIDGE REPAIRS

1. THE MAINTENANCE OF TRAFFIC PLANS SHALL SERVE AS A GUIDE FOR THE SAFE DIVERSION OF TRAFFIC DURING THE EXECUTION OF THIS CONTRACT. THE CONTRACTOR MAY MODIFY THE MAINTENANCE OF TRAFFIC PLANS TO MEET CONSTRUCTION NEEDS BUT NOT AT THE EXPENSE OF PUBLIC SAFETY OR CONVENIENCE. ANY CHANGES TO THE TRAFFIC CONTROL PLANS SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL.
2. BEFORE BEGINNING ANY WORK, THE CONTRACTOR SHALL RETAIN AND RECORD FOR FUTURE REFERENCE, ALL EXISTING PAVEMENT MARKING LINES (RAISED REFLECTIVE PAVEMENT MARKERS) IN ORDER THAT THESE LOCATIONS CAN BE RE-ESTABLISHED FOR STRIPING. EXACT LOCATIONS OF ALL PAVEMENT MARKINGS SHALL BE AS DIRECTED BY THE ENGINEER. THE COST OF THIS WORK SHALL BE INCLUDED IN THE COST OF THE RELATED PAVEMENT MARKING PAY ITEMS.
3. EXISTING RAISED REFLECTIVE PAVEMENT MARKER REFLECTORS THAT CONFLICT WITH THE REVISED TRAFFIC PATTERN SHALL BE REMOVED FROM THE EXISTING CASTINGS LOCATED IN THE PAVEMENT. THIS WORK WILL BE PAID FOR AT THE CONTRACT UNIT PRICE EACH FOR RAISED REFLECTIVE PAVEMENT MARKER REMOVAL.
4. THE CONTRACTOR SHALL REMOVE ALL PAVEMENT MARKINGS THAT CONFLICT WITH THE FOLLOWING STAGE OR THE FINAL PAVEMENT MARKING. THIS WORK WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER SQUARE FOOT FOR PAVEMENT MARKING REMOVAL - GRINDING.
5. ALL TRAFFIC CONTROL DEVICES SHALL BE REFLECTORIZED PRIOR TO INSTALLATION AND CLEANED AS SPECIFIED IN THE TRAFFIC CONTROL SPECIAL PROVISIONS OR AS DIRECTED BY THE ENGINEER.
6. ALL DRUMS, VERTICAL PANELS, AND BARRICADES ADJACENT TO THE EDGE OF THE TRAVELED WAY SHALL BE EQUIPPED WITH MONO-DIRECTIONAL STEADY BURNING LIGHTS.
7. FOR STABILIZATION, ALL TYPE III BARRICADES SHALL REQUIRE A MINIMUM OF FOUR SAND BAGS PER BARRICADE.
8. EXISTING SIGNS WITHIN THE LIMITS OF TRAFFIC CONTROL WHICH ARE OBSTRUCTED BY OR OTHERWISE INTERFERED WITH BY CONSTRUCTION OPERATIONS OF DESIGNATED TRAFFIC CONTROL, SHALL BE COVERED OR REMOVED BY THE CONTRACTOR UNLESS SPECIFIED IN THE PLANS OR WHEN DIRECTED BY THE ENGINEER. THIS WORK SHALL BE AS SPECIFIED IN ARTICLE 107.25 OF THE STANDARD SPECIFICATIONS.
9. A CHANGEABLE MESSAGE SIGN SHALL BE INSTALLED ALONG INTERSTATE 55, IN ADVANCE OF THE IL 17 INTERCHANGE, FOR EACH DIRECTION OF TRAVEL, AT A LOCATION DETERMINED BY THE ENGINEER PRIOR TO THE START OF CONSTRUCTION FOR THE DURATION OF THE CONTRACT.
10. SEE STRUCTURAL PLANS FOR ADDITIONAL BRIDGE STAGING INFORMATION.
11. THE CONTRACTOR SHALL CONTACT THE DISTRICT 6 TRAFFIC CONTROL SECTION OF THE BUREAU OF OPERATIONS AT (217) 785-5312 AT LEAST 21 DAYS PRIOR TO IMPLEMENTING ANY LANE CLOSURES, 48 HOURS PRIOR TO A SWITCH IN TRAFFIC STAGING, AND ONE WEEK PRIOR TO CLOSING A RAMP.

SUGGESTED SEQUENCE OF OPERATIONS

PRF-STAGE A

1. CONSTRUCT BASE COURSE ALONG EB AND WB OUTSIDE SHOULDERS AT LOCATIONS SHOWN ON STAGING TYPICAL SECTIONS AND STAGING PLANS.

PRF-STAGE B

1. REMOVE EXISTING CONCRETE MEDIAN SURFACE AT LOCATIONS SHOWN ON PLANS.
2. CONSTRUCT BASE COURSE WITHIN MEDIAN AREA AT LOCATIONS SHOWN ON STAGING TYPICAL SECTIONS AND STAGING PLANS.

STAGE 1

1. CLOSE WB LANES AND SHOULDER AT S.N. 068-0037 AND SHIFT WB TRAFFIC ONTO EB SIDE OF S.N. 068-0037. INSTALL TRAFFIC CONTROL DEVICES AND TEMPORARY PAVEMENT MARKINGS AS SHOWN ON THE PLAN SHEETS "STAGING PLAN - STAGE 1".
2. REMOVE AND REPLACE EXISTING CONCRETE DECK UTILIZING STAGE CONSTRUCTION WHILE PROVIDING PROTECTIVE SHIELD OVER LIVE TRAFFIC.
3. PROVIDE NEW EXPANSION JOINTS AT ABUTMENTS.
4. MAKE NEW DECK COMPOSITE FULL LENGTH.
5. REMOVE AND REPLACE EACH VAULTED SPAN SLAB.
6. REMOVE APPROACH PAVEMENT AND PROVIDE BRIDGE APPROACH SLABS.
7. PERFORM CONCRETE REPAIR AT EACH ABUTMENT AND PIER AS REQUIRED.
8. REPAIR DAMAGED SECTIONS OF CONCRETE SLOPE WALLS AS REQUIRED.
9. RAISE EXISTING PIER CRASH WALL TO 5'-0" ABOVE GROUND ELEVATION.
10. REMOVE AND REPLACE EXISTING APPROACH GUARDRAILS.

STAGE 2

1. CLOSE EB LANES AND SHOULDER AT S.N. 068-0037 AND SHIFT EB TRAFFIC ONTO WB SIDE OF S.N. 068-0037. INSTALL TRAFFIC CONTROL DEVICES AND TEMPORARY PAVEMENT MARKINGS AS SHOWN ON THE PLAN SHEETS "STAGING PLAN - STAGE 2".
2. REMOVE AND REPLACE EXISTING CONCRETE DECK UTILIZING STAGE CONSTRUCTION WHILE PROVIDING PROTECTIVE SHIELD OVER LIVE TRAFFIC.
3. PROVIDE NEW EXPANSION JOINTS AT ABUTMENTS.
4. MAKE NEW DECK COMPOSITE FULL LENGTH.
5. REMOVE AND REPLACE EACH VAULTED SPAN SLAB.
6. REMOVE APPROACH PAVEMENT AND PROVIDE BRIDGE APPROACH SLABS.
7. PERFORM CONCRETE REPAIR AT EACH ABUTMENT AND PIER AS REQUIRED.
8. REPAIR DAMAGED SECTIONS OF CONCRETE SLOPE WALLS AS REQUIRED.
9. RAISE EXISTING PIER CRASH WALL TO 5'-0" ABOVE GROUND ELEVATION.
10. REMOVE AND REPLACE EXISTING APPROACH GUARDRAILS.

STAGE 3

1. SHIFT EB AND WB TRAFFIC ONTO OUTSIDE SHOULDERS AT S.N. 068-0037. INSTALL TRAFFIC CONTROL DEVICES AND BASE COURSE MARKINGS AS SHOWN ON THE PLAN SHEETS "STAGING PLAN - STAGE 3".
2. CONSTRUCT PROPOSED CONCRETE MEDIAN TYPE SM (DOWELED) AND COMBINATION CURB AND GUTTER.

POST-STAGE

1. PERFORM PAVEMENT AND SHOULDER RESURFACING AND PAVEMENT PATCHING UTILIZING HIGHWAY STANDARD 701306.
2. PLACE PERMANENT PAVEMENT MARKINGS UTILIZING HIGHWAY STANDARD 701311.

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1207 SENCLEAR DRIVE, SUITE 2 - JERSEYVILLE, IL 62052
 PHONE 618-664-0001
 ILLINOIS DESIGN FIRM NO 18-000000-0002
 WWW.BARTLETTWEST.COM

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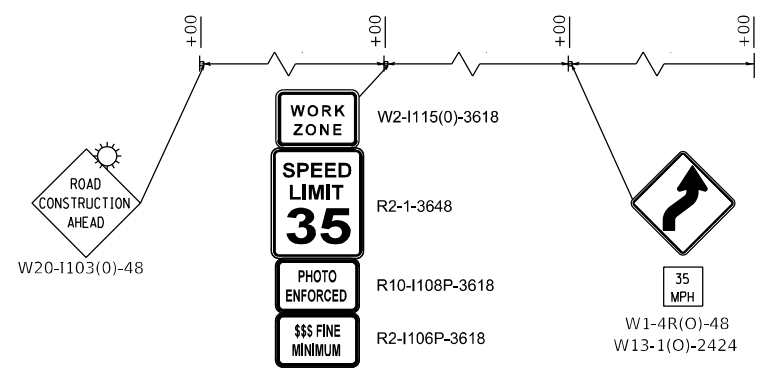
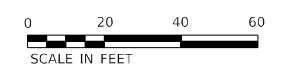
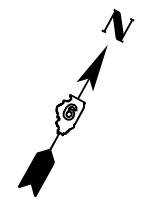
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

STAGING PLANS – C.H.17
STAGING GENERAL NOTES

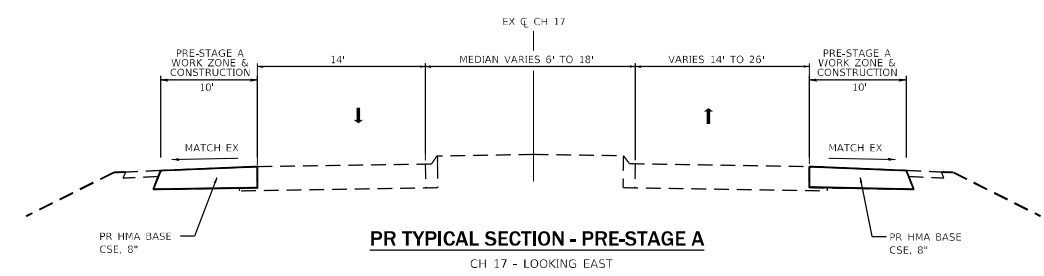
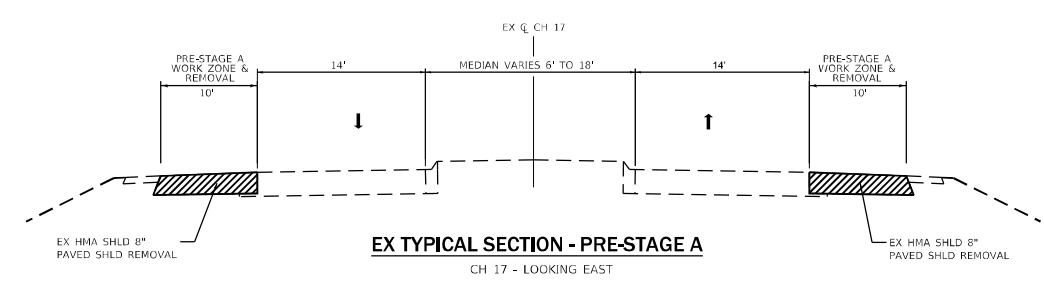
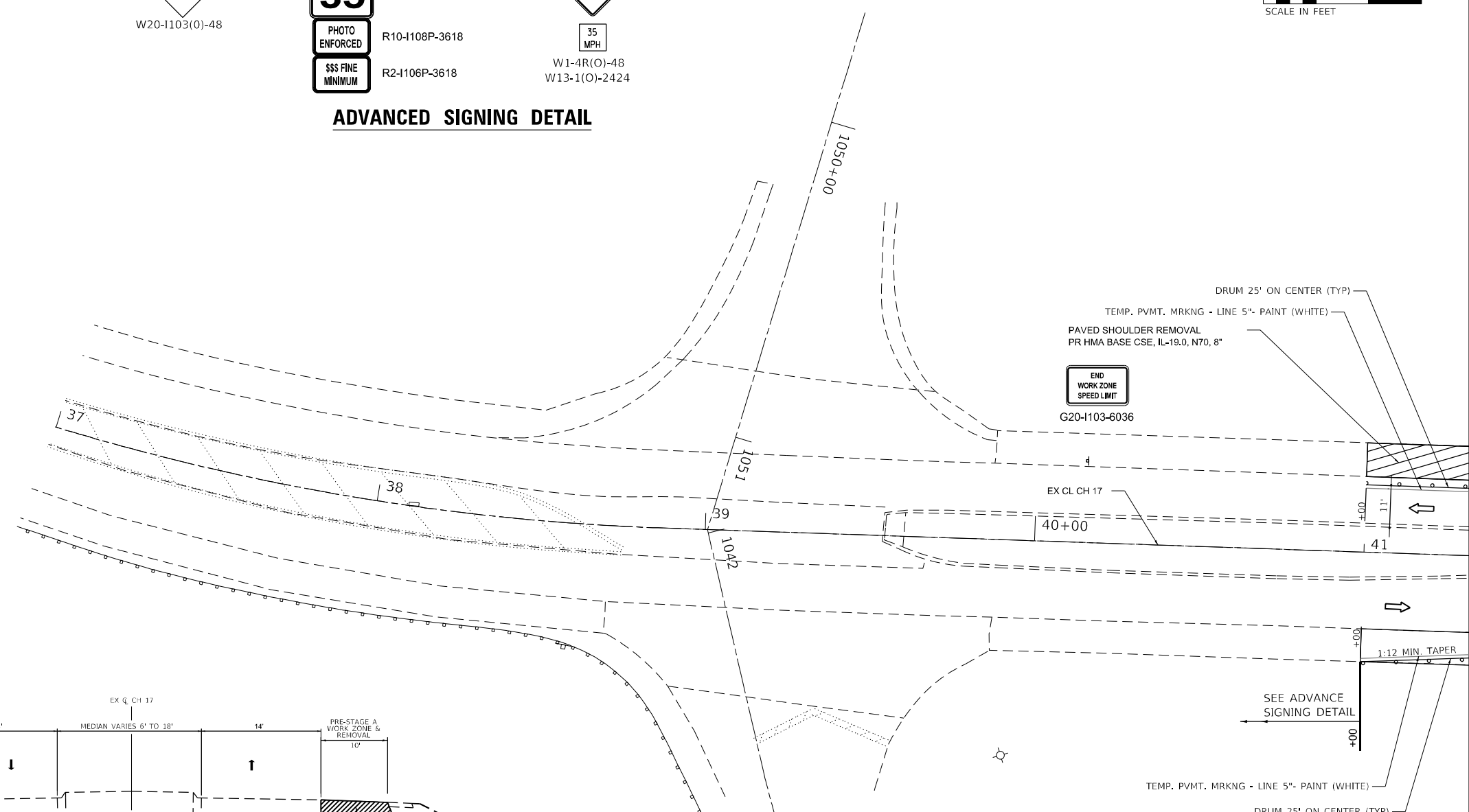
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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	*	MONTGOMERY	192	58
CONTRACT NO. 72G54				
ILLINOIS FED. AID PROJECT				

*(68-4RSI-BY, 68-5HB)D, 68-3RS5



ADVANCED SIGNING DETAIL



- LEGEND**
- WORK ZONE
 - BASE COURSE (CONSTRUCTED IN PREVIOUS STAGE)
 - DIRECTION OF TRAFFIC
 - SIGN
 - IMPACT ATTENUATOR, TEST LEVEL 3 (TEMPORARY)
 - TYPE III BARRICADE
 - TYPE C BIDIRECTIONAL REFLECTOR (25' C-C)
 - TEMPORARY CONCRETE BARRIER
 - BARRICADE OR DRUM

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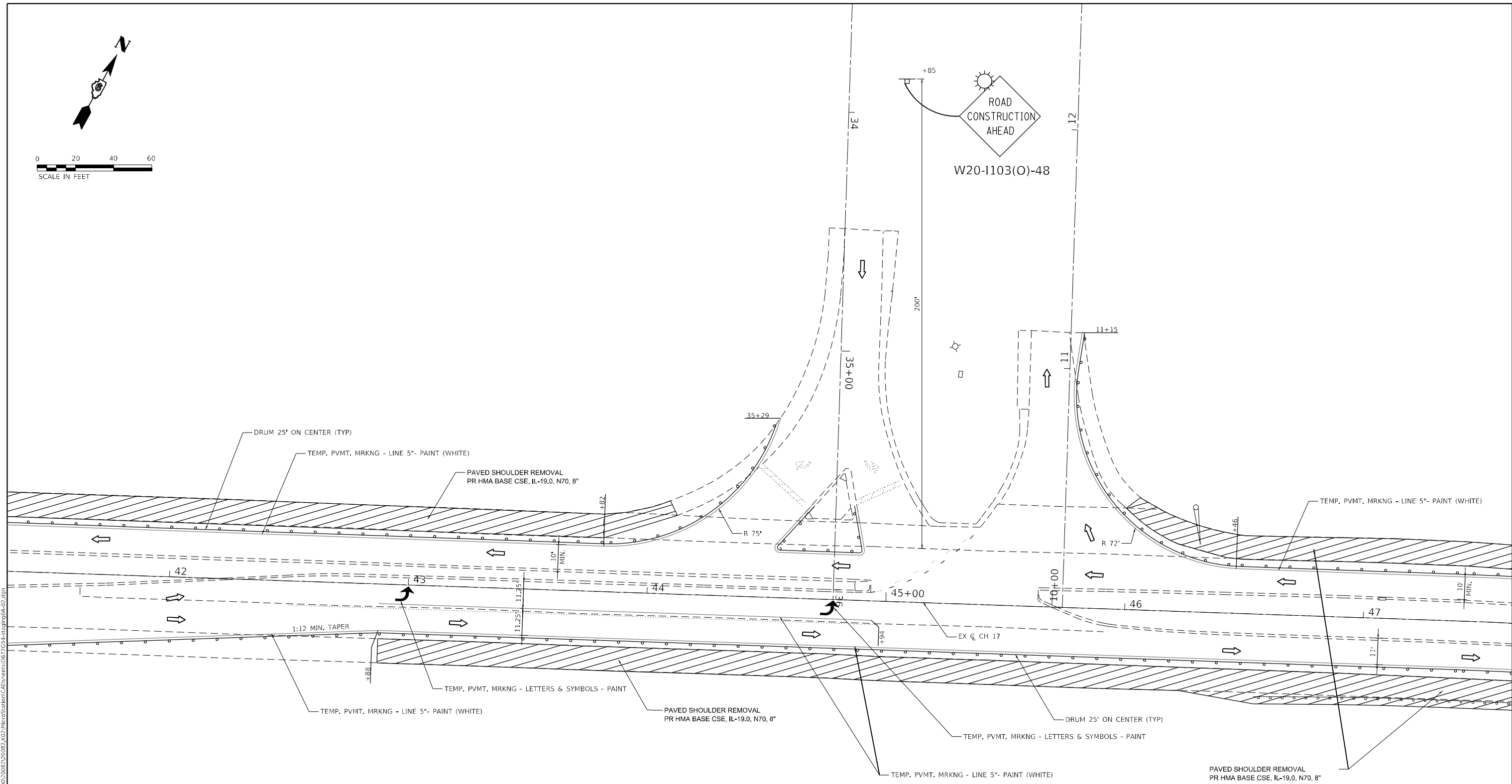
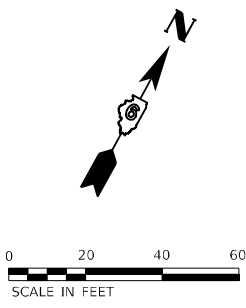
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

STAGING PLANS - C.H. 17 PRE STAGE A	
SCALE: 1" = 20'	SHEET 4 OF 22 SHEETS
STA. 41+32.00	TO STA. 47+62.00

F.A.I. RTE. 55	SECTION *	COUNTY MONTGOMERY	TOTAL SHEETS 192	SHEET NO. 61
CONTRACT NO. 72G54				

ILLINOIS FED. AID PROJECT
 *(68-4RSI-BY, 68-5HB)D, 68-3RS5

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- LEGEND**
- WORK ZONE
 - BASE COURSE (CONSTRUCTED IN PREVIOUS STAGE)
 - DIRECTION OF TRAFFIC
 - SIGN
 - IMPACT ATTENUATOR, TEST LEVEL 3 (TEMPORARY)
 - TYPE III BARRICADE
 - TYPE C BIDIRECTIONAL REFLECTOR (25' C-C)
 - TEMPORARY CONCRETE BARRIER
 - BARRICADE OR DRUM

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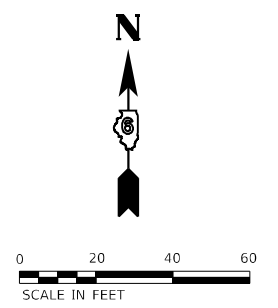
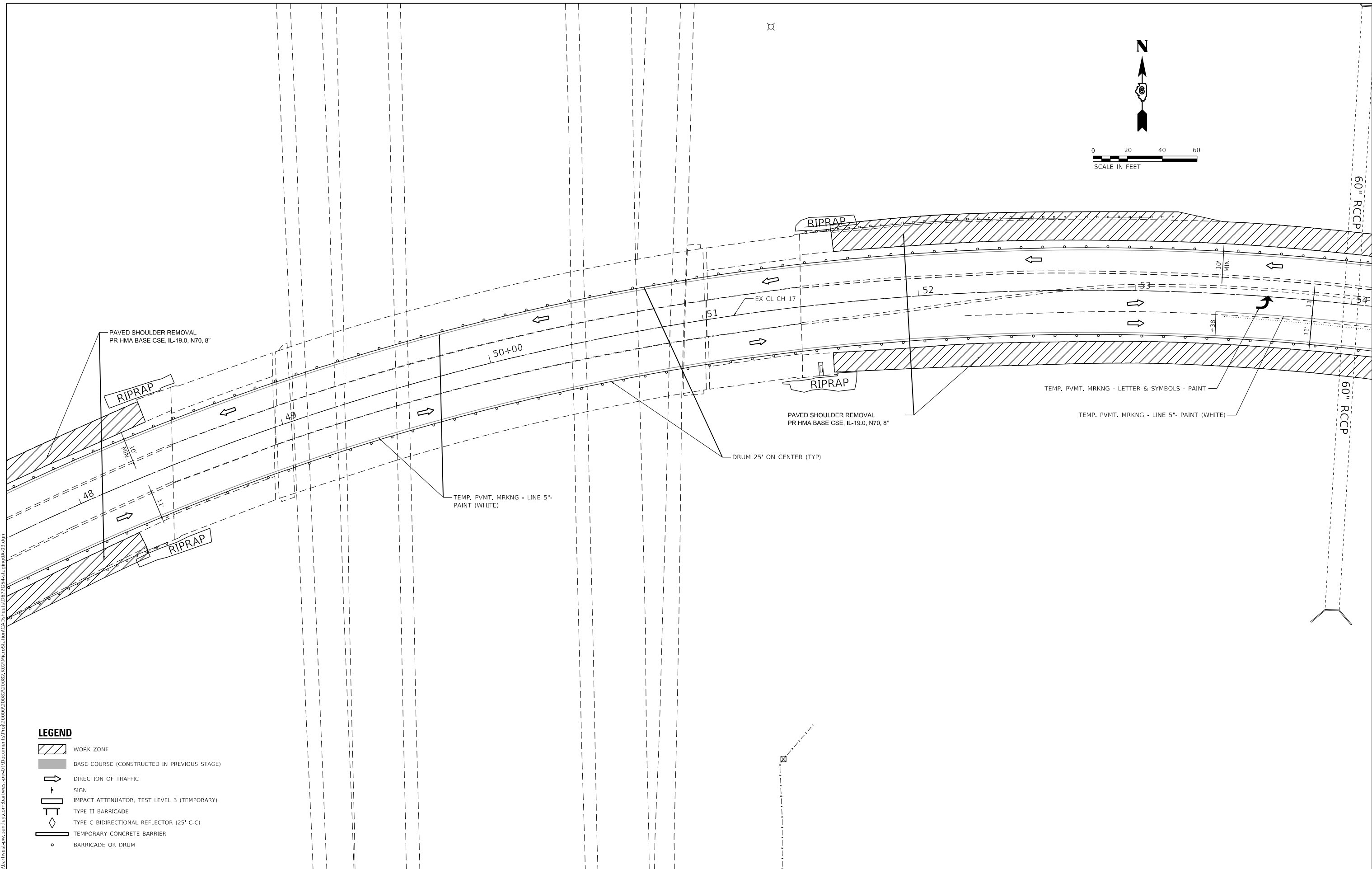
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 PHONE 618-684-0001
 ILLINOIS DESIGN FIRM NO. 18-0000000-0002
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	CHECKED - KTW	REVISD -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

STAGING PLANS - C.H. 17 PRE STAGE A			
SCALE: 1" = 20'	SHEET 5 OF 22 SHEETS	STA. 41+32.00 TO STA. 47+62.00	

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	*	MONTGOMERY	192	62
CONTRACT NO. 72G54				
ILLINOIS FED. AID PROJECT *(68-4RSI-BY, 68-5HB)D, 68-3RS5				



- LEGEND**
- WORK ZONE
 - BASE COURSE (CONSTRUCTED IN PREVIOUS STAGE)
 - DIRECTION OF TRAFFIC
 - SIGN
 - IMPACT ATTENUATOR, TEST LEVEL 3 (TEMPORARY)
 - TYPE III BARRICADE
 - TYPE C BIDIRECTIONAL REFLECTOR (25' C-C)
 - TEMPORARY CONCRETE BARRIER
 - BARRICADE OR DRUM

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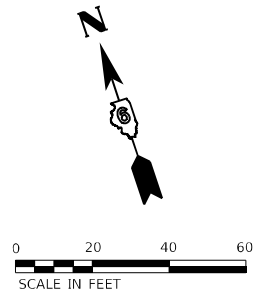
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**STAGING PLANS - C.H. 17
 PRE STAGE A**

SCALE: 1" = 20' SHEET 6 OF 22 SHEETS STA. 47+62.00 TO STA. 54+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	*	MONTGOMERY	192	63
CONTRACT NO. 72G54				

ILLINOIS FED. AID PROJECT
 *(68-4RSI-BY, 68-5HB)D, 68-3RS5



W20-1103(O)-48



W20-1103(O)-48

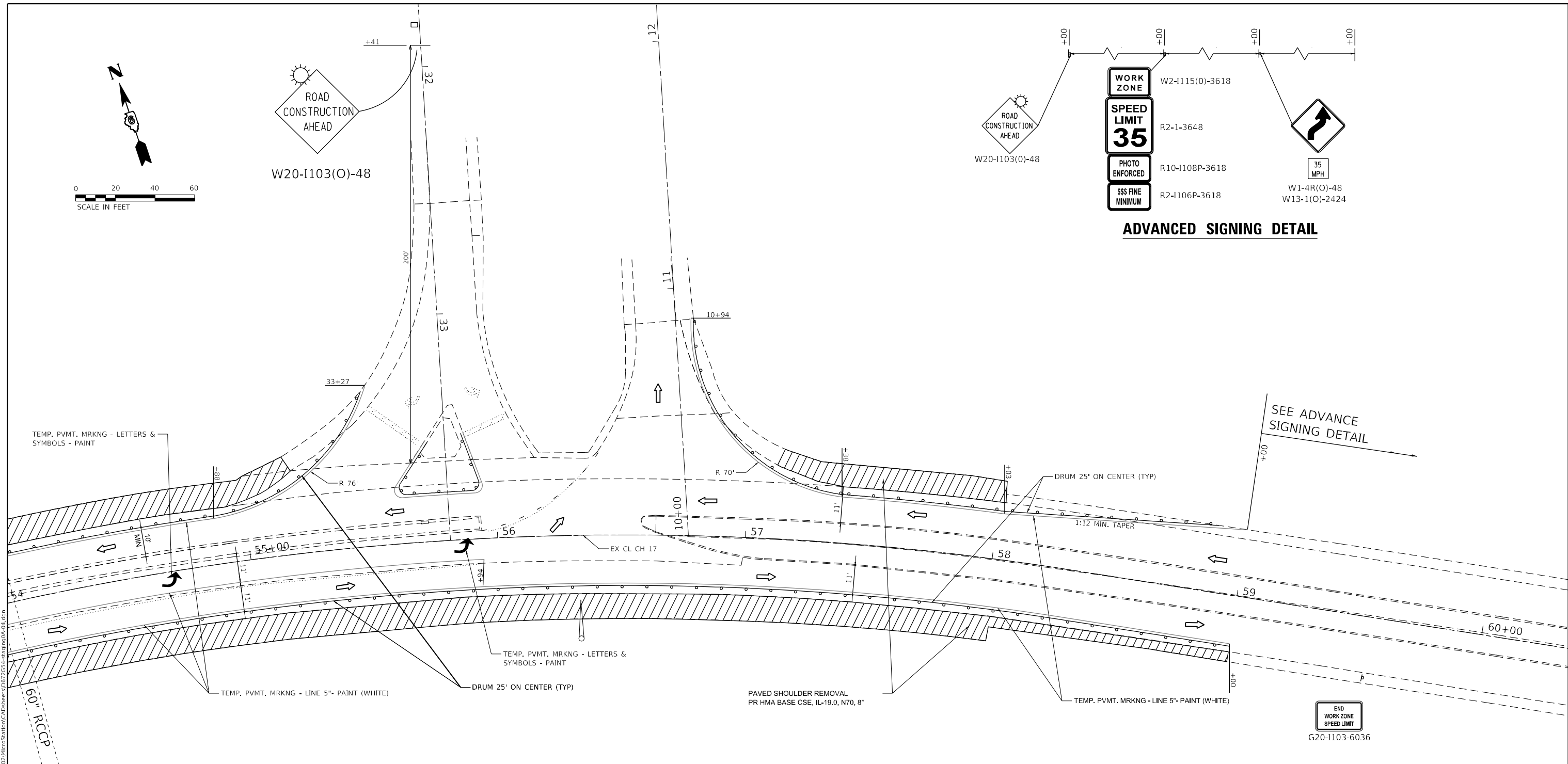


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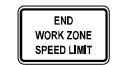


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W13-1(O)-2424

ADVANCED SIGNING DETAIL



SEE ADVANCE
SIGNING DETAIL



G20-1103-6036

LEGEND

- WORK ZONE
- BASE COURSE (CONSTRUCTED IN PREVIOUS STAGE)
- DIRECTION OF TRAFFIC
- SIGN
- IMPACT ATTENUATOR, TEST LEVEL 3 (TEMPORARY)
- TYPE III BARRICADE
- TYPE C BIDIRECTIONAL REFLECTOR (25' C-C)
- TEMPORARY CONCRETE BARRIER
- BARRICADE OR DRUM

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PHONE: 618-684-0001
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WWW.BARTLETTWEST.COM

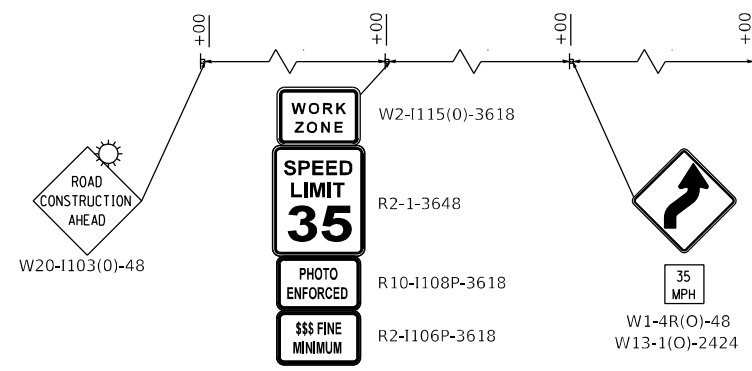
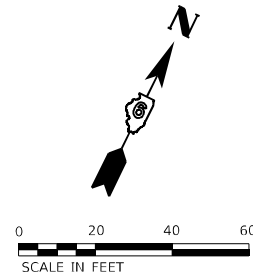
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

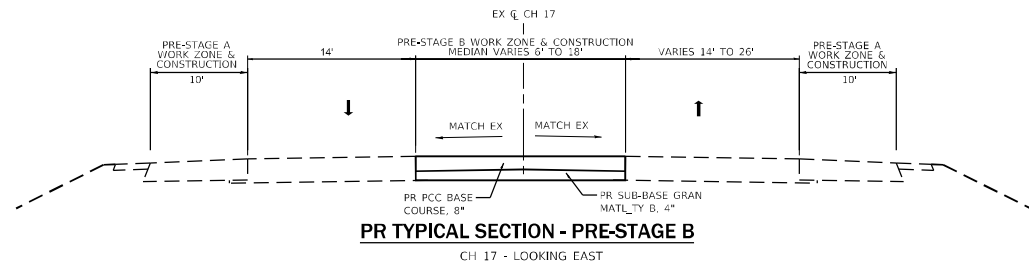
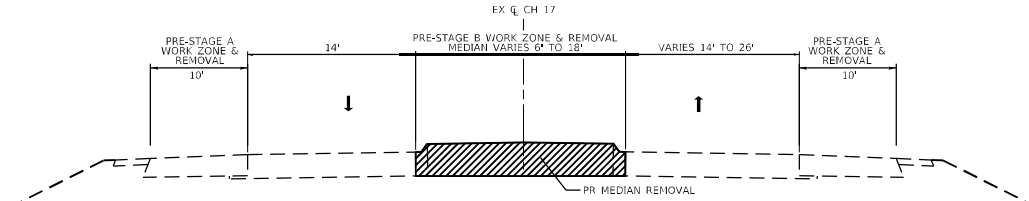
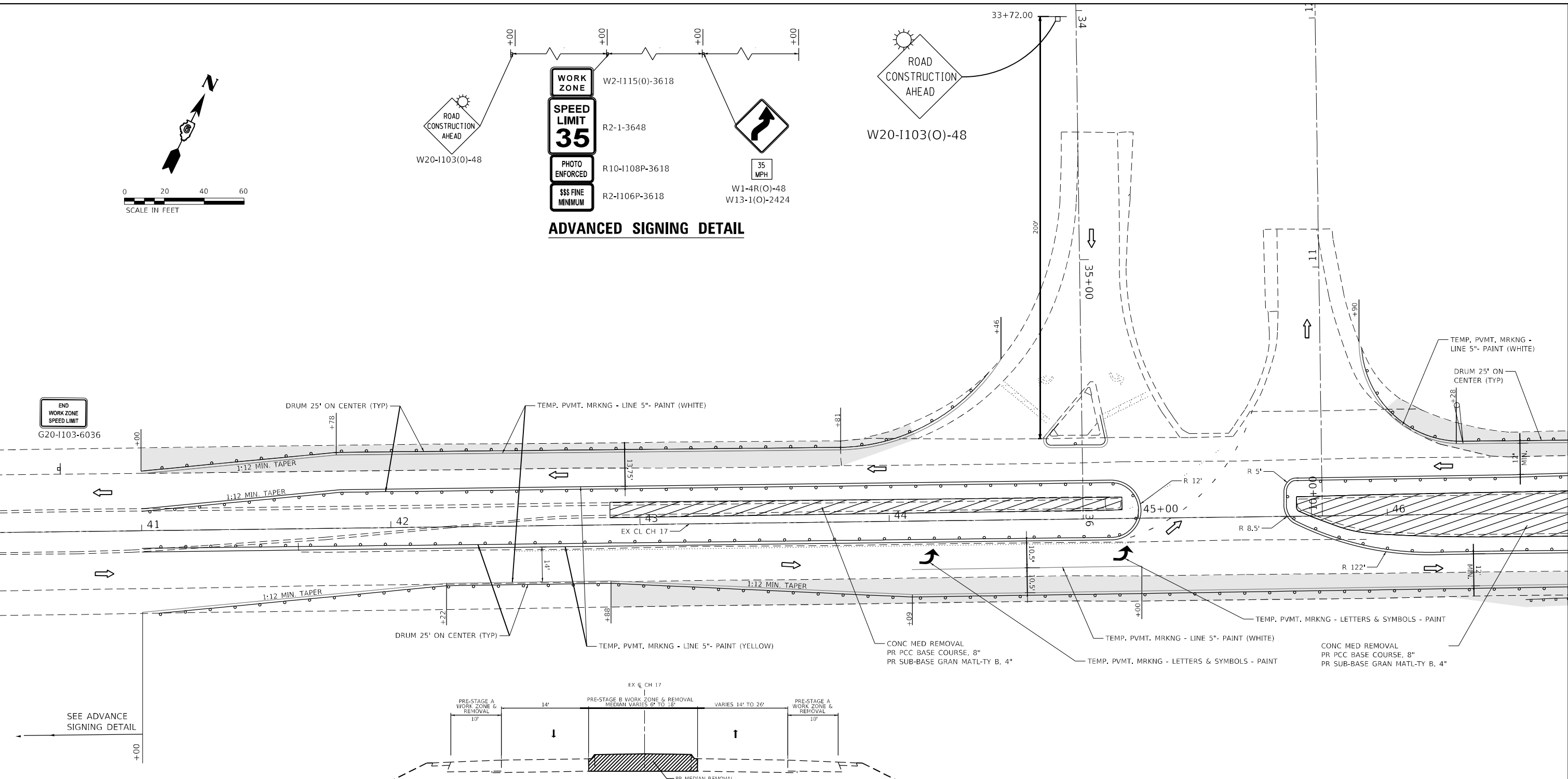
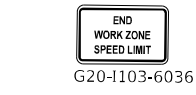
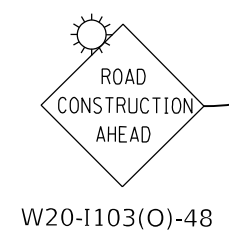
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SCALE: 1" = 20'	SHEET 7 OF 22 SHEETS	STA. 54+00.00 TO STA. 60+00.00	

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	*	MONTGOMERY	192	64
CONTRACT NO. 72G54				

ILLINOIS FED. AID PROJECT
(68-4RSI-BY, 68-5HB)D, 68-3RS5



ADVANCED SIGNING DETAIL



- LEGEND**
- WORK ZONE
 - BASE COURSE (CONSTRUCTED IN PREVIOUS STAGE)
 - DIRECTION OF TRAFFIC
 - SIGN
 - IMPACT ATTENUATOR, TEST LEVEL 3 (TEMPORARY)
 - TYPE III BARRICADE
 - TYPE C BIDIRECTIONAL REFLECTOR (25' C-C)
 - TEMPORARY CONCRETE BARRIER
 - BARRICADE OR DRUM

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**STAGING PLANS - C.H. 17
PRE STAGE B**

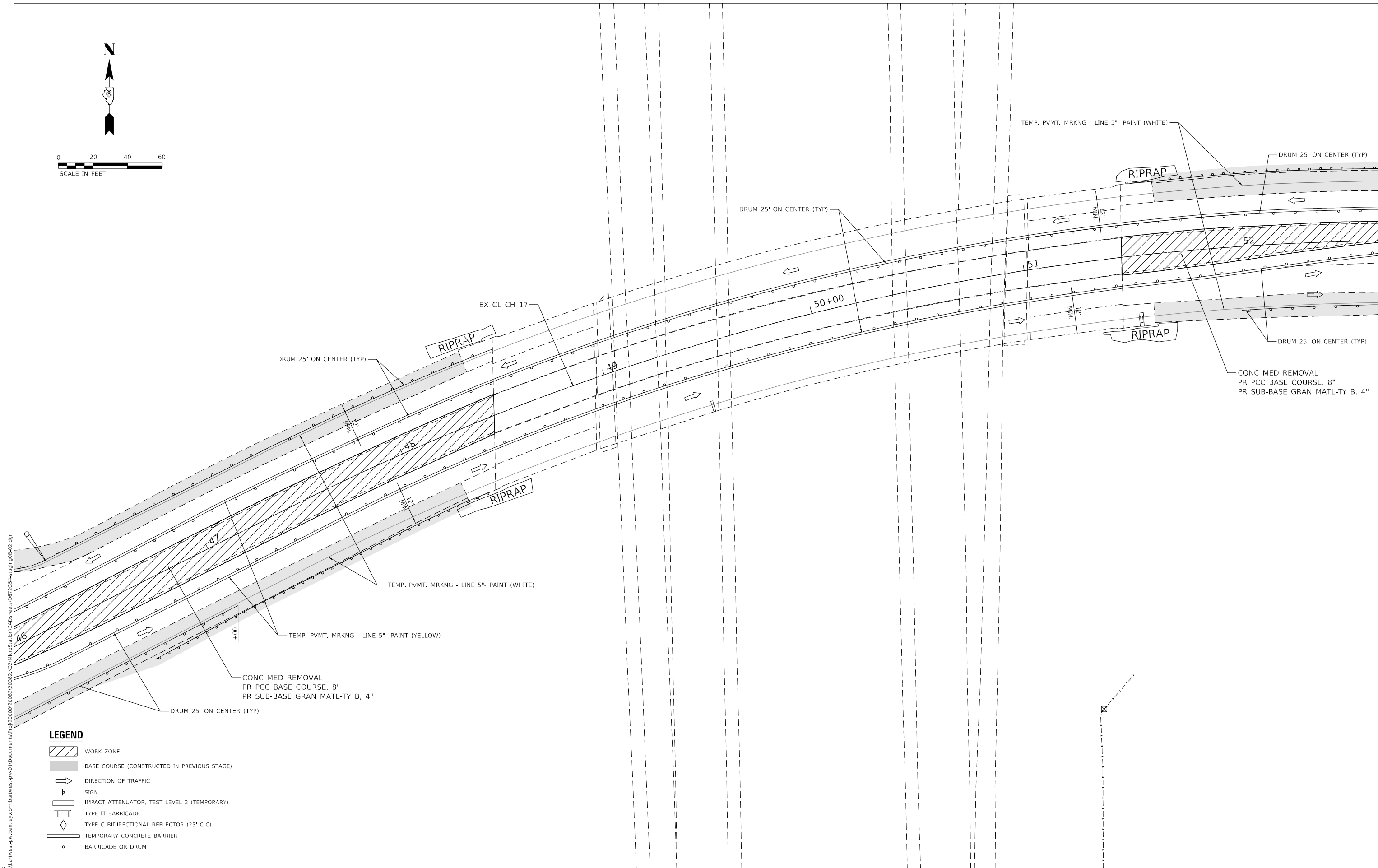
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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	*	MONTGOMERY	192	65
CONTRACT NO. 72G54				

ILLINOIS FED. AID PROJECT
(68-4RSI-BY, 68-5HB)D, 68-3RS5



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LEGEND

- WORK ZONE
- BASE COURSE (CONSTRUCTED IN PREVIOUS STAGE)
- DIRECTION OF TRAFFIC
- SIGN
- IMPACT ATTENUATOR, TEST LEVEL 3 (TEMPORARY)
- TYPE III BARRICADE
- TYPE C BIDIRECTIONAL REFLECTOR (25' C-C)
- TEMPORARY CONCRETE BARRIER
- BARRICADE OR DRUM

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**STAGING PLANS - C.H. 17
PRE STAGE B**

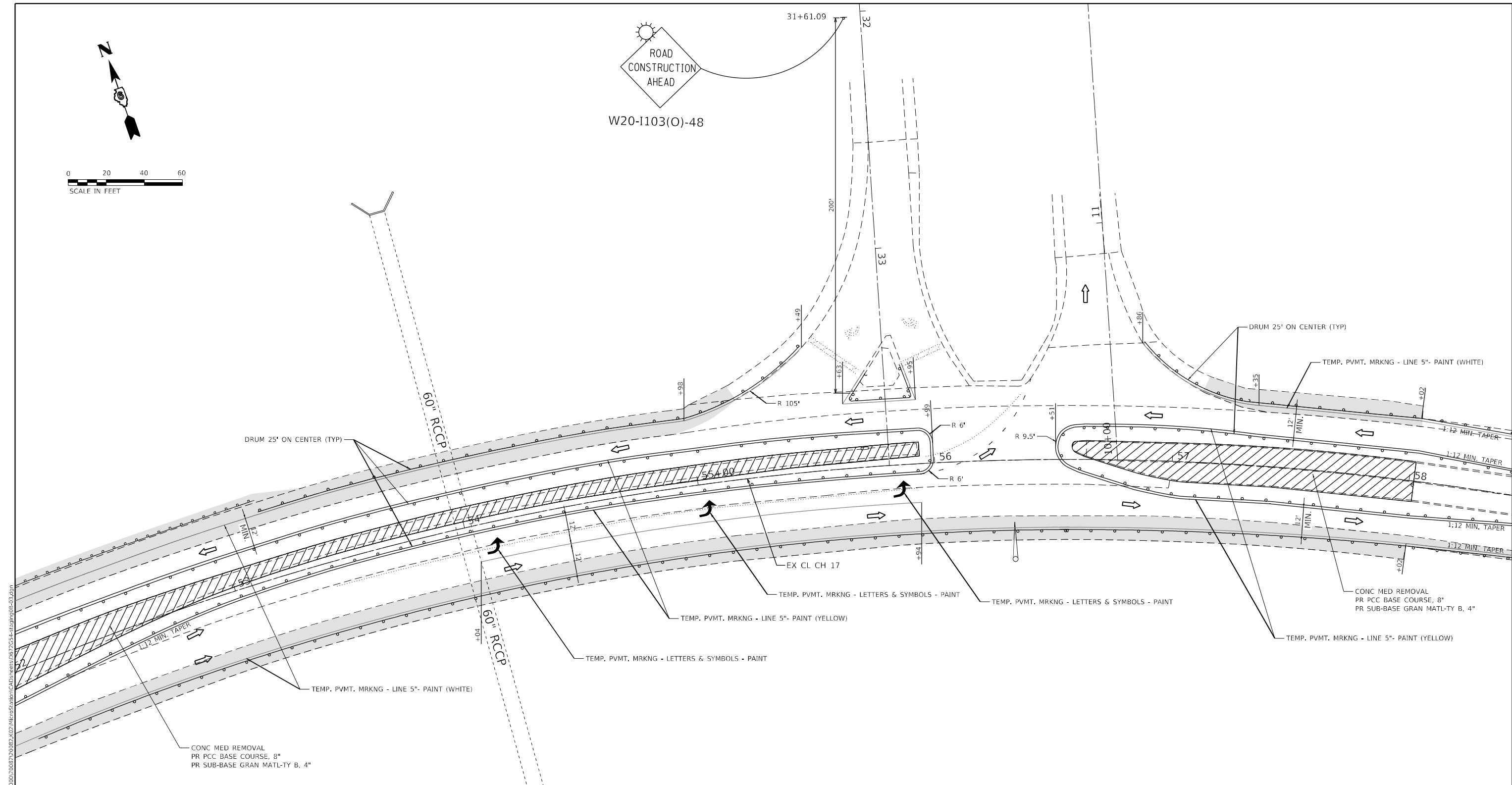
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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	*	MONTGOMERY	192	66
CONTRACT NO. 72G54				

ILLINOIS FED. AID PROJECT
*(68-4RSI-BY, 68-5HB)D, 68-3RS5



W20-I103(O)-48



LEGEND

- WORK ZONE
- BASE COURSE (CONSTRUCTED IN PREVIOUS STAGE)
- DIRECTION OF TRAFFIC
- SIGN
- IMPACT ATTENUATOR, TEST LEVEL 3 (TEMPORARY)
- TYPE III BARRICADE
- TYPE C BIDIRECTIONAL REFLECTOR (25' C-C)
- TEMPORARY CONCRETE BARRIER
- BARRICADE OR DRUM

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PHONE: 618-664-0001
ILLINOIS DESIGN FIRM NO. 18-0000000-0002
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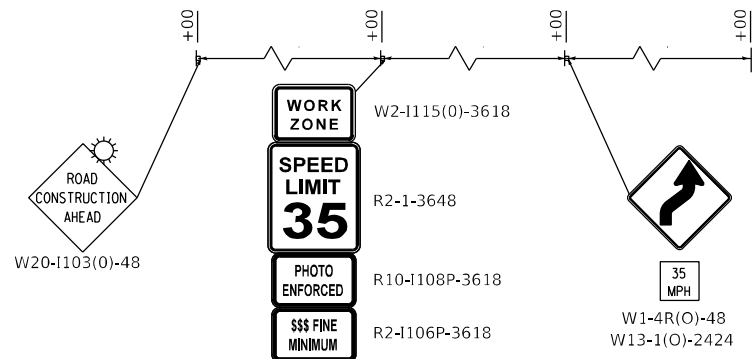
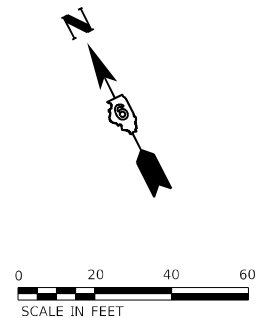
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

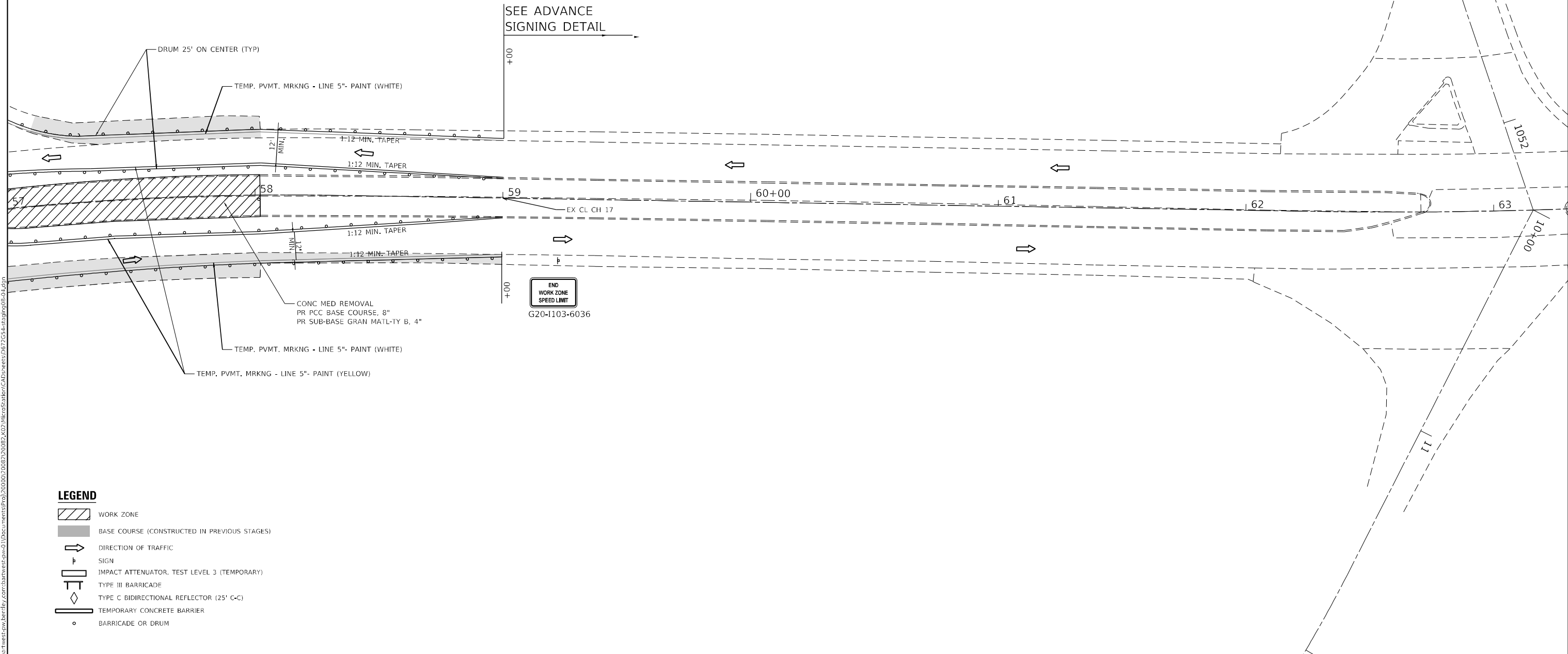
STAGING PLANS - C.H. 17 PRE STAGE B			
SCALE: 1" = 20'	SHEET 10 OF 22 SHEETS	STA. 52+00.00 TO STA. 58+00.00	

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	*	MONTGOMERY	192	67
CONTRACT NO. 72G54				

ILLINOIS FED. AID PROJECT
(68-4RSI-BY, 68-5HB)D, 68-3RS5



ADVANCED SIGNING DETAIL



- LEGEND**
- WORK ZONE
 - BASE COURSE (CONSTRUCTED IN PREVIOUS STAGES)
 - DIRECTION OF TRAFFIC
 - SIGN
 - IMPACT ATTENUATOR, TEST LEVEL 3 (TEMPORARY)
 - TYPE III BARRICADE
 - TYPE C BIDIRECTIONAL REFLECTOR (25' C-C)
 - TEMPORARY CONCRETE BARRIER
 - BARRICADE OR DRUM

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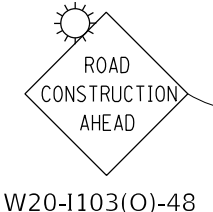
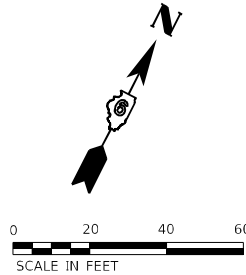
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	CHECKED - KTW	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

STAGING PLANS - C.H. 17			
PRE STAGE B			
SCALE: 1" = 20'	SHEET 11	OF 22 SHEETS	STA. 58+00.00 TO STA. 63+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	*	MONTGOMERY	192	68
CONTRACT NO. 72G54				

ILLINOIS FED. AID PROJECT
 *(68-4RSI-BY, 68-5HB)D, 68-3RS5



W20-I103(O)-48



W20-I103(O)-48

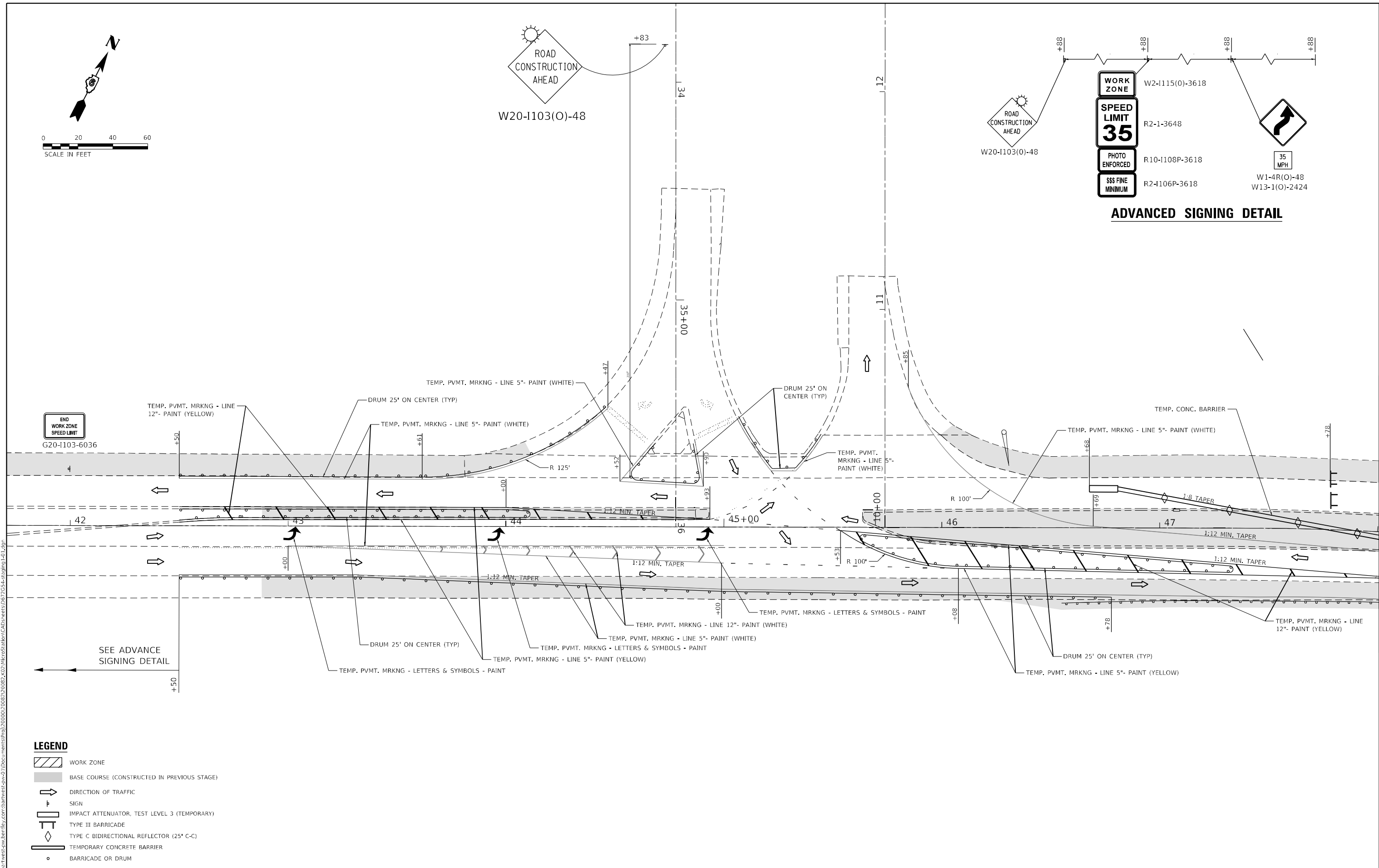


W2-I115(O)-3618
R2-I-3648
R10-I108P-3618
R2-I106P-3618



35 MPH
W1-4R(O)-48
W13-1(O)-2424

ADVANCED SIGNING DETAIL



G20-I103-6036

SEE ADVANCE SIGNING DETAIL

LEGEND

- WORK ZONE
- BASE COURSE (CONSTRUCTED IN PREVIOUS STAGE)
- DIRECTION OF TRAFFIC
- SIGN
- IMPACT ATTENUATOR, TEST LEVEL 3 (TEMPORARY)
- TYPE III BARRICADE
- TYPE C BIDIRECTIONAL REFLECTOR (25' C-C)
- TEMPORARY CONCRETE BARRIER
- BARRICADE OR DRUM

Bartlett & West
1207 SINCLAIR DRIVE, SUITE 2 - JERSEYVILLE, IL 62952
PHONE: 618-684-8001
ILLINOIS DESIGN FIRM NO. 18-0000000-0002
WWW.BARTLETTWEST.COM

USER NAME = MAG01839	DESIGNED - RAM	REVISED -
PLOT SCALE = 40,0000 * / in.	CHECKED - KTW	REVISED -
PLOT DATE = 10/20/2022	DRAWN - RAM	REVISED -
	CHECKED - KTW	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

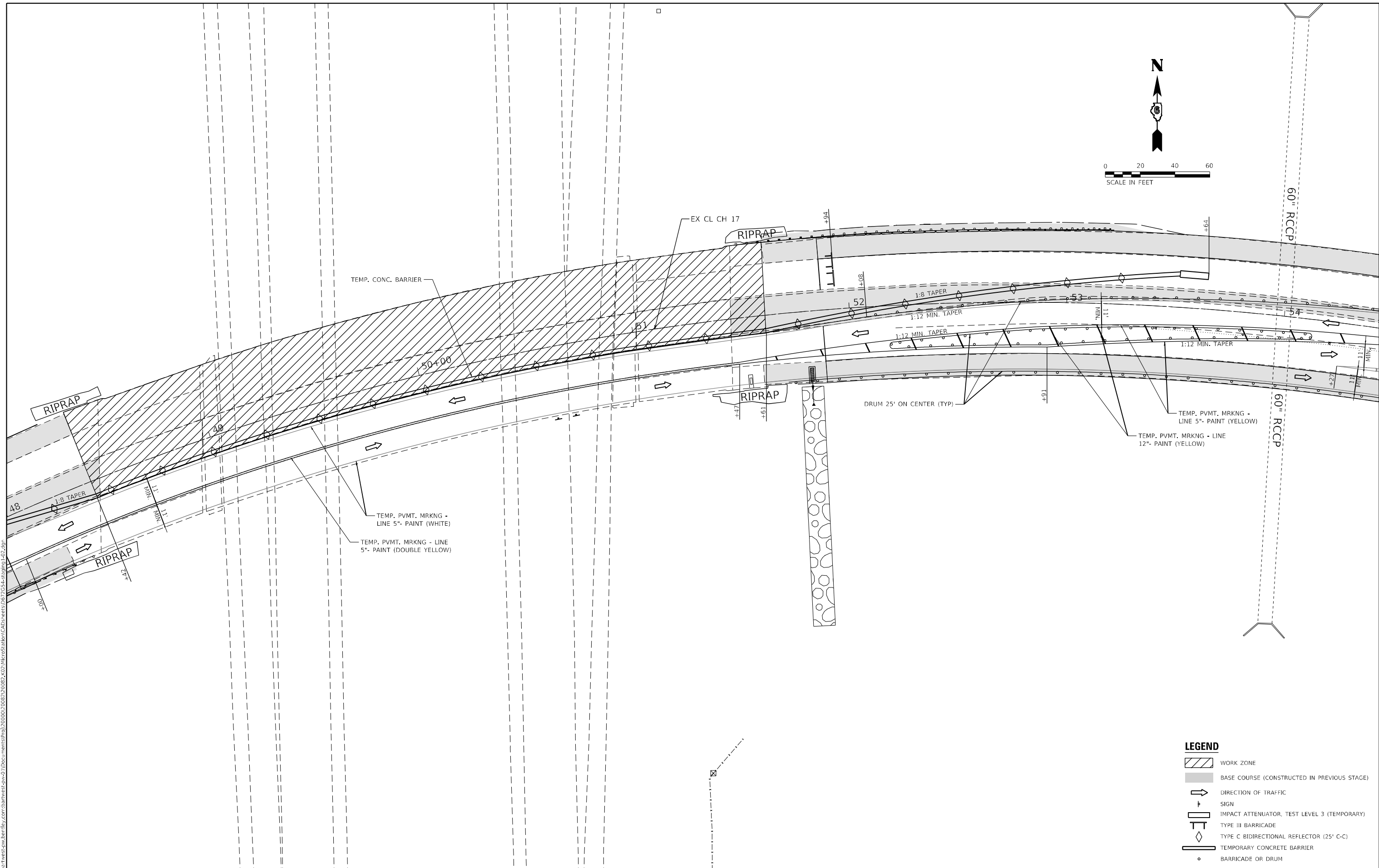
**STAGING PLANS - C.H. 17
STAGE 1**

SCALE: 1" = 20' SHEET 12 OF 22 SHEETS STA. 42+00.00 TO STA. 48+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	*	MONTGOMERY	192	69
CONTRACT NO. 72G54				

ILLINOIS FED. AID PROJECT
(68-4RSI-BY, 68-5HB)D, 68-3RS5

MODEL Stage 3
FILE NAME: p:\sub\tweet-eh\bartlett.com\barwest\p-w-4\Documents\proj\200002\0082\0082\002\MicroStation\Cad\sheet\067254-staging1-01.dgn



LEGEND

- WORK ZONE
- BASE COURSE (CONSTRUCTED IN PREVIOUS STAGE)
- DIRECTION OF TRAFFIC
- SIGN
- IMPACT ATTENUATOR, TEST LEVEL 3 (TEMPORARY)
- TYPE III BARRICADE
- TYPE C BIDIRECTIONAL REFLECTOR (25' C-C)
- TEMPORARY CONCRETE BARRIER
- BARRICADE OR DRUM

MODEL Stage 3
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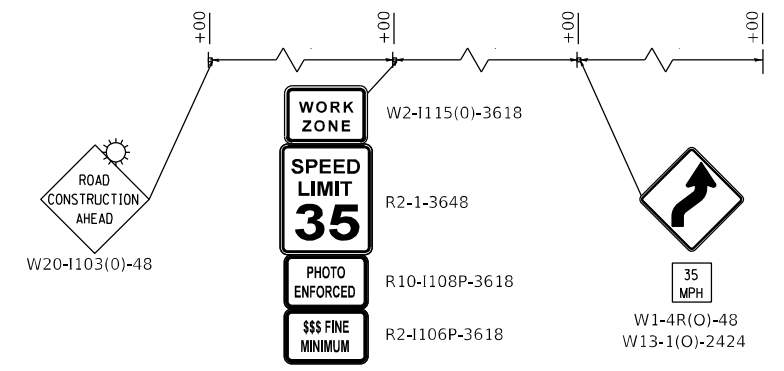
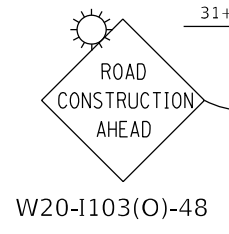
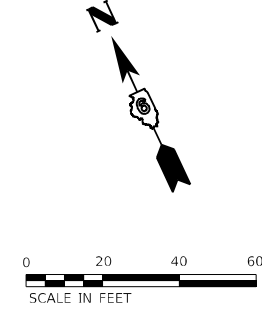
Bartlett & West
 1207 SINCLAIR DRIVE, SUITE 2 - JERSEYVILLE, IL 62552
 PHONE 618-664-0001
 ILLINOIS DESIGN FIRM NO. 18-0000000-0002
 WWW.BARTLETTWEST.COM

USER NAME = MAG01839	DESIGNED - RAM	REVISED -
	CHECKED - KTW	REVISED -
PLOT SCALE = 40,0000 * / in.	DRAWN - RAM	REVISED -
PLOT DATE = 10/20/2022	CHECKED - KTW	REVISED -

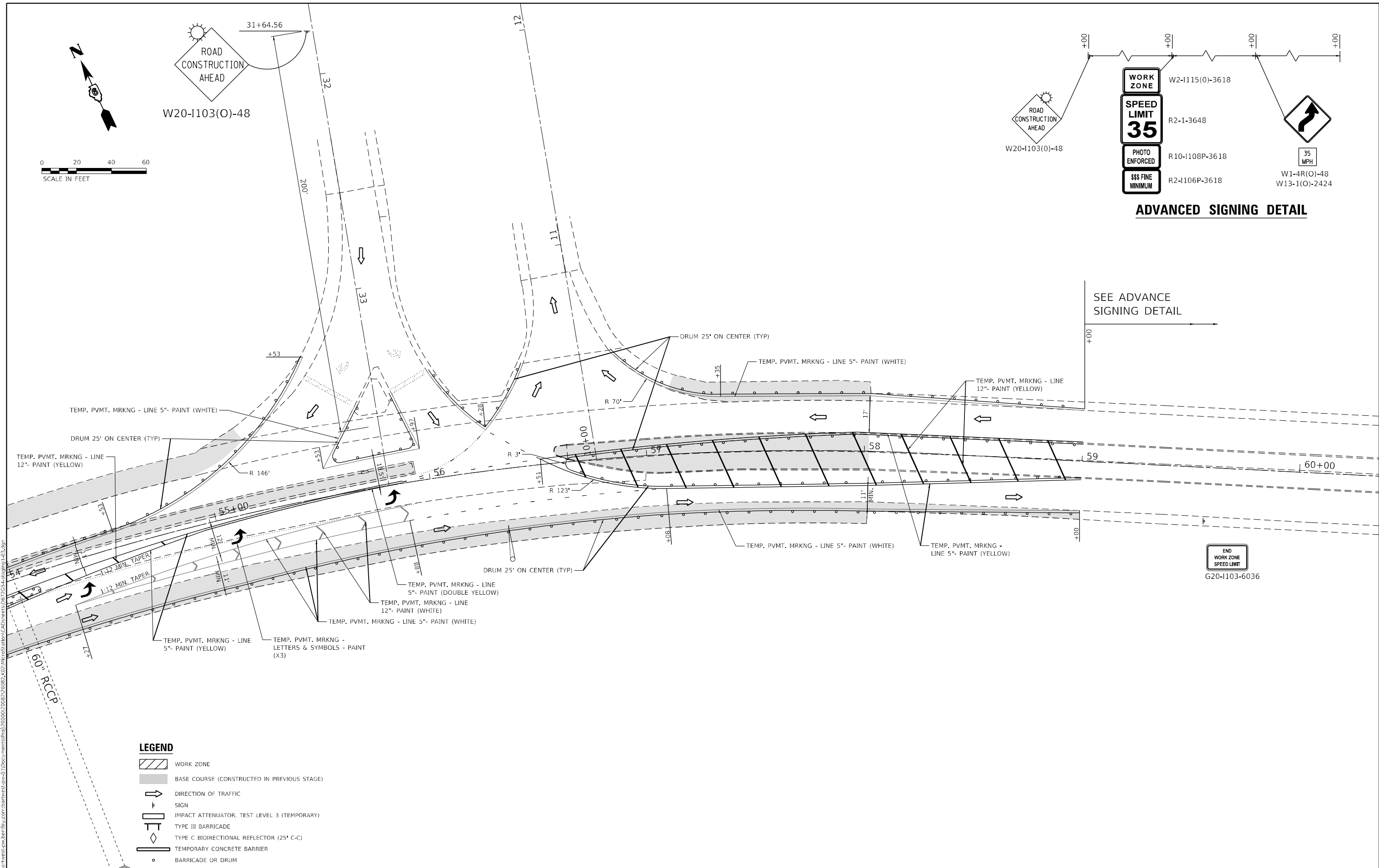
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

STAGING PLANS - C.H. 17 STAGE 1			
SCALE: 1" = 20'	SHEET 13 OF 22 SHEETS	STA. 48+00.00 TO STA. 54+00.00	

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	*	MONTGOMERY	192	70
CONTRACT NO. 72G54				
ILLINOIS FED. AID PROJECT (68-4RSI-BY, 68-5HB)D, 68-3RS5				



ADVANCED SIGNING DETAIL



SEE ADVANCE
SIGNING DETAIL



LEGEND

- WORK ZONE
- BASE COURSE (CONSTRUCTED IN PREVIOUS STAGE)
- DIRECTION OF TRAFFIC
- SIGN
- IMPACT ATTENUATOR, TEST LEVEL 3 (TEMPORARY)
- TYPE III BARRICADE
- TYPE C BIDIRECTIONAL REFLECTOR (25' C-C)
- TEMPORARY CONCRETE BARRIER
- BARRICADE OR DRUM

Bartlett & West
 1207 SINCLAIR DRIVE, SUITE 2 - JERSEYVILLE, IL 62952
 PHONE 618-684-0001
 ILLINOIS DESIGN FIRM NO. 18-000000-0002
 WWW.BARTLETTWEST.COM

USER NAME = MAG01839	DESIGNED - RAM	REVISED -
PLOT SCALE = 40,0000' / in.	CHECKED - KTW	REVISED -
PLOT DATE = 10/20/2022	DRAWN - RAM	REVISED -
	CHECKED - KTW	REVISED -

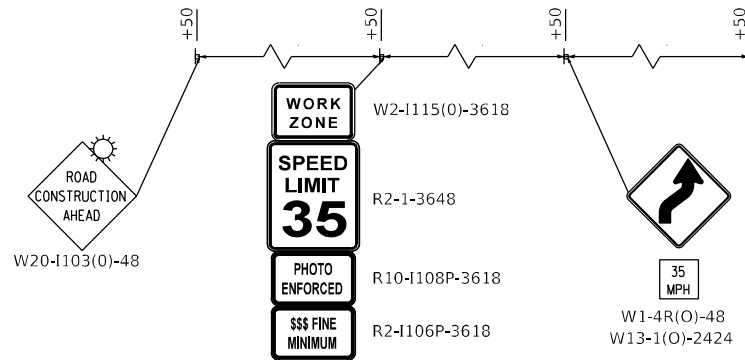
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**STAGING PLAN - C.H. 17
STAGE 1**

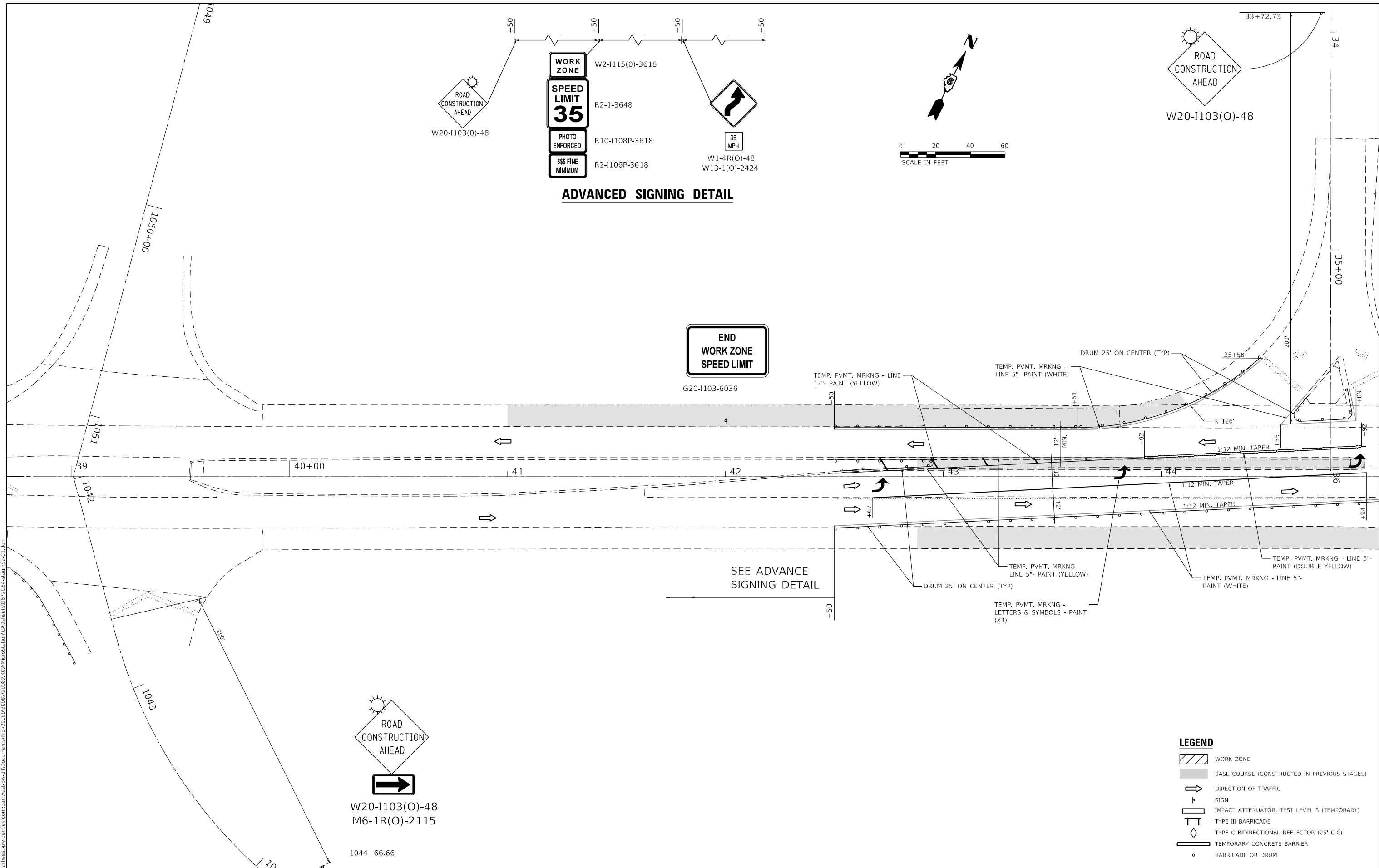
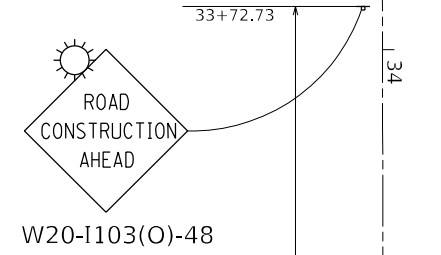
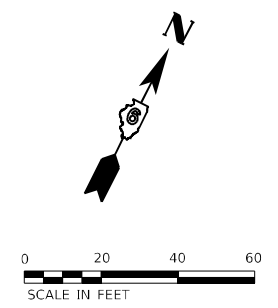
SCALE: 1" = 20' SHEET 14 OF 22 SHEETS STA. 54+00.00 TO STA. 58+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	*	MONTGOMERY	192	71
CONTRACT NO. 72G54				

ILLINOIS FED. AID PROJECT
*(68-4RSI-BY, 68-5HB)D, 68-3RS5



ADVANCED SIGNING DETAIL



SEE ADVANCE
SIGNING DETAIL



LEGEND

- WORK ZONE
- BASE COURSE (CONSTRUCTED IN PREVIOUS STAGES)
- DIRECTION OF TRAFFIC
- SIGN
- IMPACT ATTENUATOR, TEST LEVEL 3 (TEMPORARY)
- TYPE III BARRICADE
- TYPE C BIDIRECTIONAL REFLECTOR (25' C-C)
- TEMPORARY CONCRETE BARRIER
- BARRICADE OR DRUM

Bartlett & West
 1207 SINCLAIR DRIVE, SUITE 2 - JERSEYVILLE, IL 62552
 PHONE 618-664-0001
 ILLINOIS DESIGN FIRM NO. 18-0000000-0002
 WWW.BARTLETTWEST.COM

USER NAME = MAG01839	DESIGNED - RAM	REVISED -
PLOT SCALE = 40,0000 * / in.	CHECKED - KTW	REVISED -
PLOT DATE = 10/20/2022	DRAWN - RAM	REVISED -
	CHECKED - KTW	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

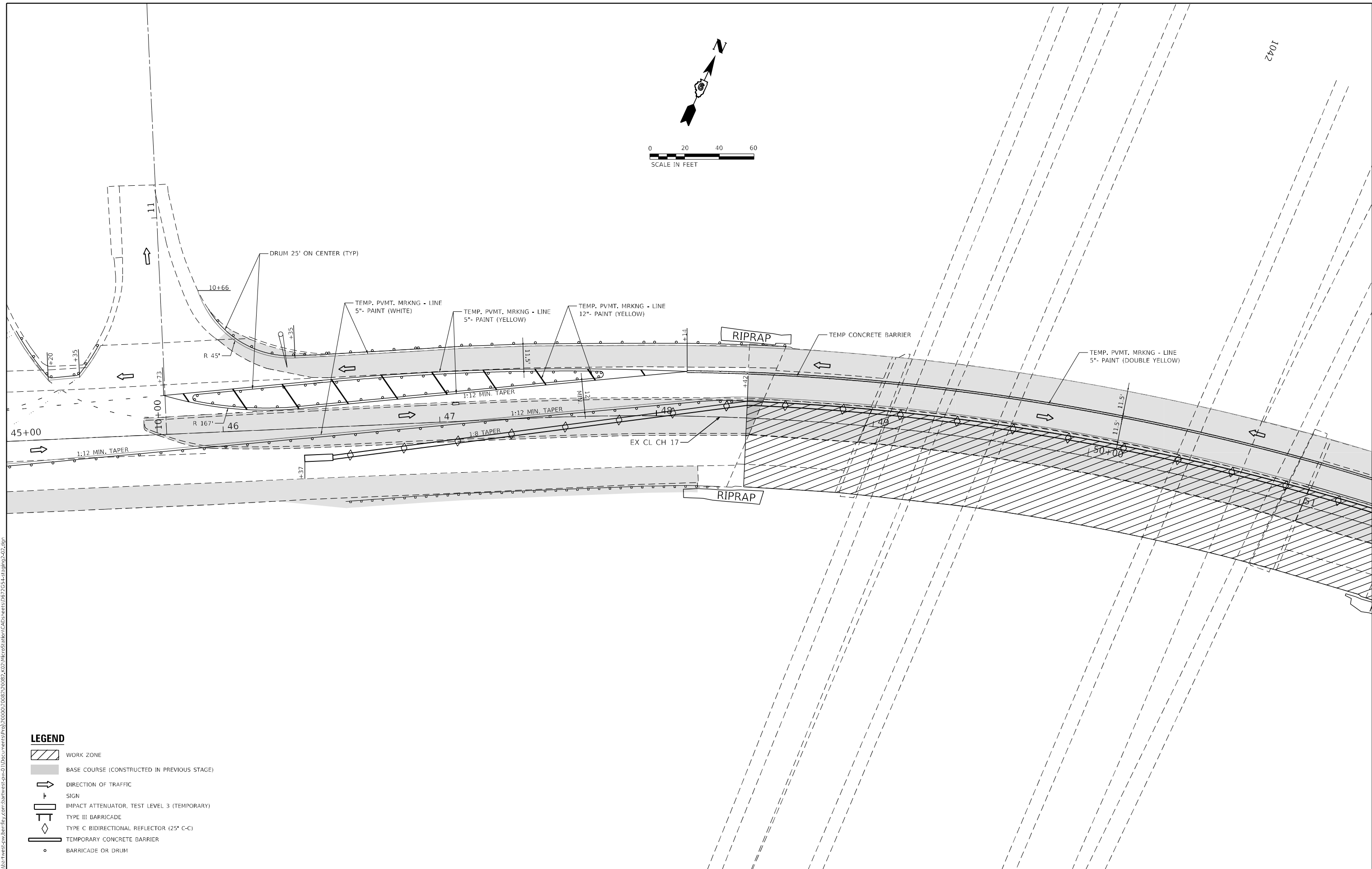
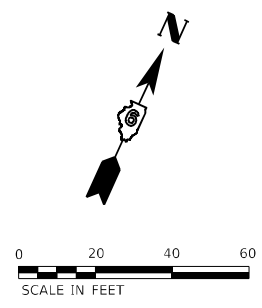
**STAGING PLANS - C.H. 17
STAGE 2**

SCALE: 1" = 20' SHEET 15 OF 22 SHEETS STA. 39+00.00 TO STA. 45+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	*	MONTGOMERY	192	72
CONTRACT NO. 72G54				

ILLINOIS FED. AID PROJECT
 *(68-4RSI-BY, 68-5HB)D, 68-3RS5

1042



- LEGEND**
- WORK ZONE
 - BASE COURSE (CONSTRUCTED IN PREVIOUS STAGE)
 - DIRECTION OF TRAFFIC
 - SIGN
 - IMPACT ATTENUATOR, TEST LEVEL 3 (TEMPORARY)
 - TYPE III BARRICADE
 - TYPE C BIDIRECTIONAL REFLECTOR (25' C-C)
 - TEMPORARY CONCRETE BARRIER
 - BARRICADE OR DRUM

MODEL Stage 3
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Bartlett & West
 1207 SINCLAIR DRIVE, SUITE 2 - JERSEYVILLE, IL 62552
 PHONE 618-684-0001
 ILLINOIS DESIGN FIRM NO. 18-0000000-0002
 WWW.BARTLETTWEST.COM

USER NAME = MAG01839	DESIGNED - RAM	REVISED -
PLOT SCALE = 40,0000 * / in.	CHECKED - KTW	REVISED -
PLOT DATE = 10/20/2022	DRAWN - RAM	REVISED -
	CHECKED - KTW	REVISED -

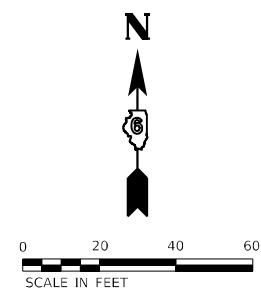
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**STAGING PLANS - C.H. 17
 STAGE 2**

SCALE: 1" = 20' SHEET 16 OF 22 SHEETS STA. 45+00.00 TO STA. 51+00.00

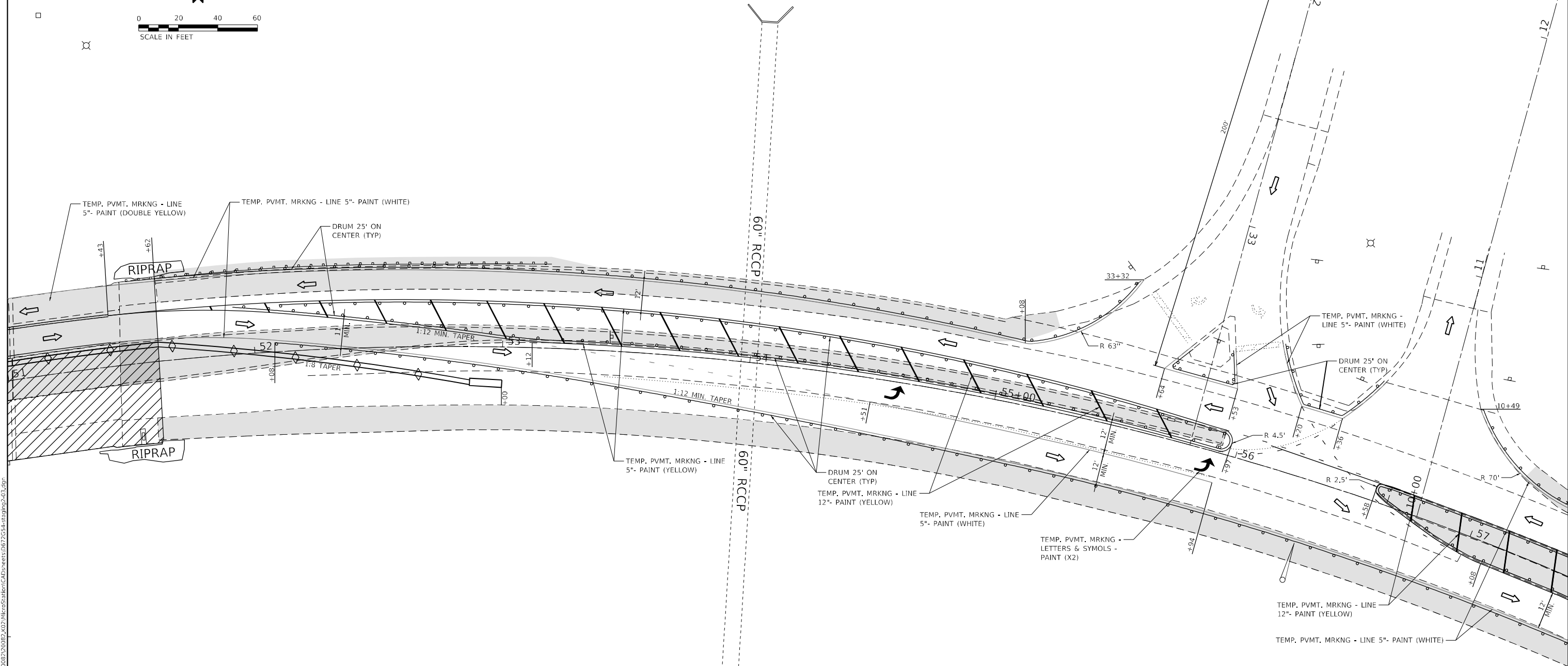
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	*	MONTGOMERY	192	73
CONTRACT NO. 72G54				

ILLINOIS FED. AID PROJECT
 *(68-4RSI-BY, 68-5HB)D, 68-3RS5



ROAD
CONSTRUCTION
AHEAD

W20-I103(O)-48



- LEGEND**
- WORK ZONE
 - BASE COURSE (CONSTRUCTED IN PREVIOUS STAGE)
 - DIRECTION OF TRAFFIC
 - SIGN
 - IMPACT ATTENUATOR, TEST LEVEL 3 (TEMPORARY)
 - TYPE III BARRICADE
 - TYPE C BIDIRECTIONAL REFLECTOR (25' C-C)
 - TEMPORARY CONCRETE BARRIER
 - BARRICADE OR DRUM

MODEL: Stage 3
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Bartlett & West
 1207 SINCLAIR DRIVE, SUITE 2 - JERSEYVILLE, IL 62552
 PHONE: 618-684-6001
 ILLINOIS DESIGN FIRM NO. 18-000000-0002
 WWW.BARTLETTWEST.COM

USER NAME = MAG01839	DESIGNED - RAM	REVISED -
PLOT SCALE = 40,0000 * / in.	CHECKED - KTW	REVISED -
DATE = 10/20/2022	DRAWN - RAM	REVISED -
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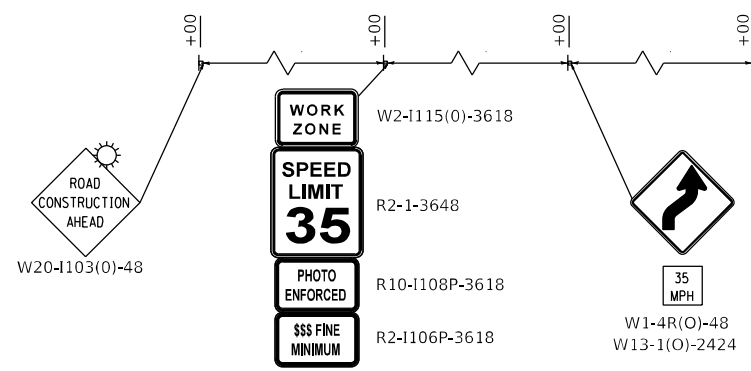
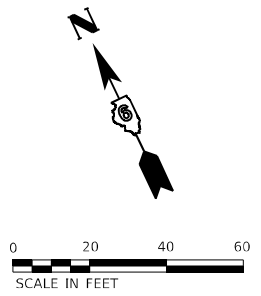
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**STAGING PLANS - C.H. 17
STAGE 2**

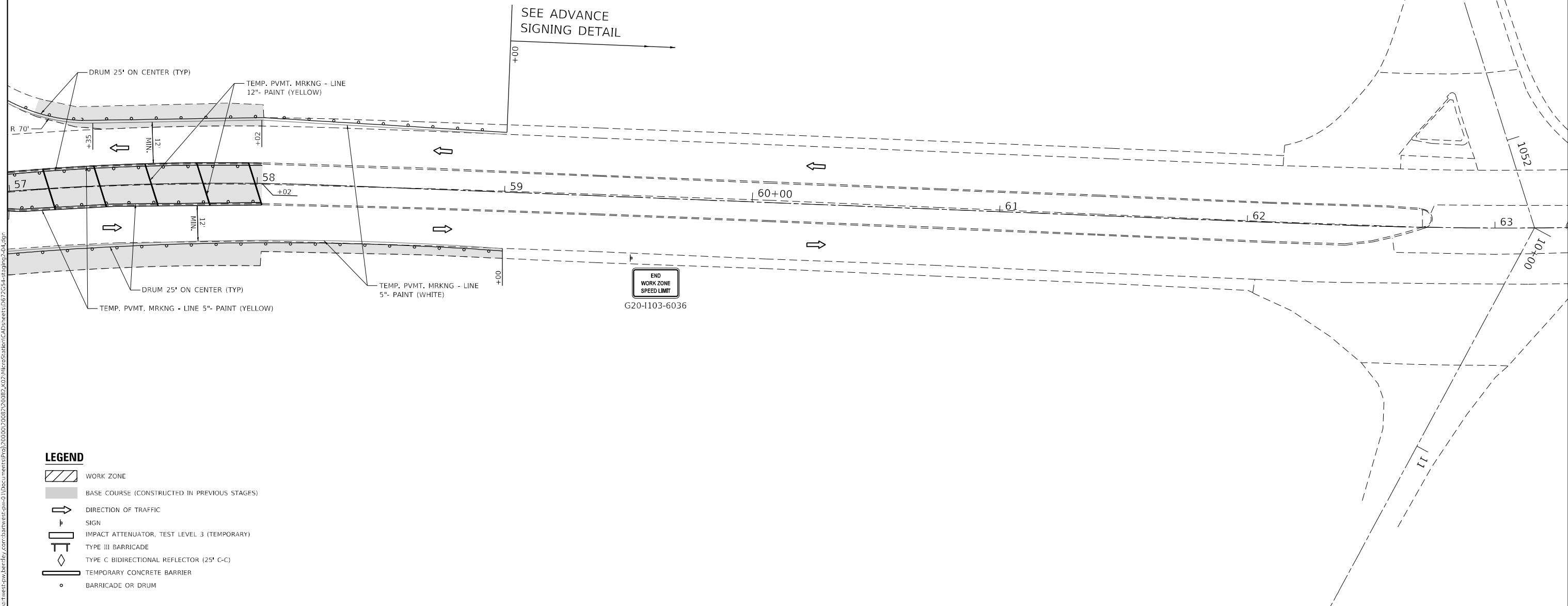
SCALE: 1" = 20' SHEET 17 OF 22 SHEETS STA. 51+00.00 TO STA. 57+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	*	MONTGOMERY	192	74
CONTRACT NO. 72G54				

ILLINOIS FED. AID PROJECT
*(68-4RSI-BY, 68-5HB)D, 68-3RS5



ADVANCED SIGNING DETAIL



- LEGEND**
- WORK ZONE
 - BASE COURSE (CONSTRUCTED IN PREVIOUS STAGES)
 - DIRECTION OF TRAFFIC
 - SIGN
 - IMPACT ATTENUATOR, TEST LEVEL 3 (TEMPORARY)
 - TYPE III BARRICADE
 - TYPE C BIDIRECTIONAL REFLECTOR (25' C-C)
 - TEMPORARY CONCRETE BARRIER
 - BARRICADE OR DRUM

MODEL Stage 3
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Bartlett & West
 1207 SINCLAIR DRIVE, SUITE 2 - JERSEYVILLE, IL 62952
 PHONE: 618-684-0001
 ILLINOIS DESIGN FIRM NO. 18-0000000-0002
 WWW.BARTLETTWEST.COM

USER NAME = MAG01839	DESIGNED - RAM	REVISED -
PLOT SCALE = 40,0000 * / in.	CHECKED - KTW	REVISED -
PLOT DATE = 10/20/2022	DRAWN - RAM	REVISED -
	CHECKED - KTW	REVISED -

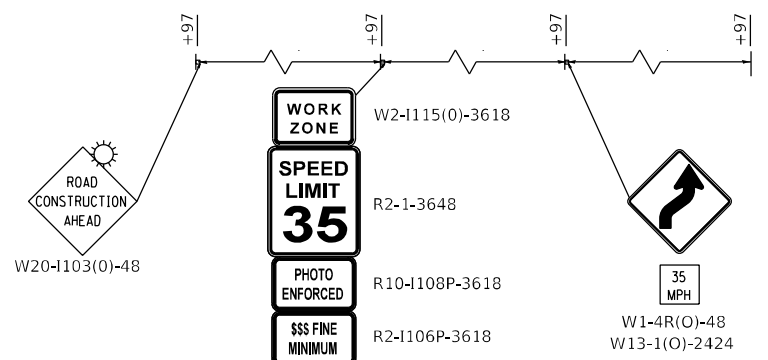
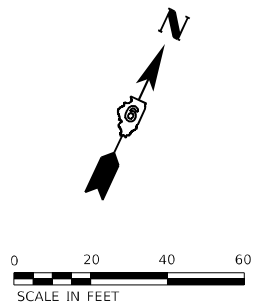
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**STAGING PLANS - C.H. 17
STAGE 2**

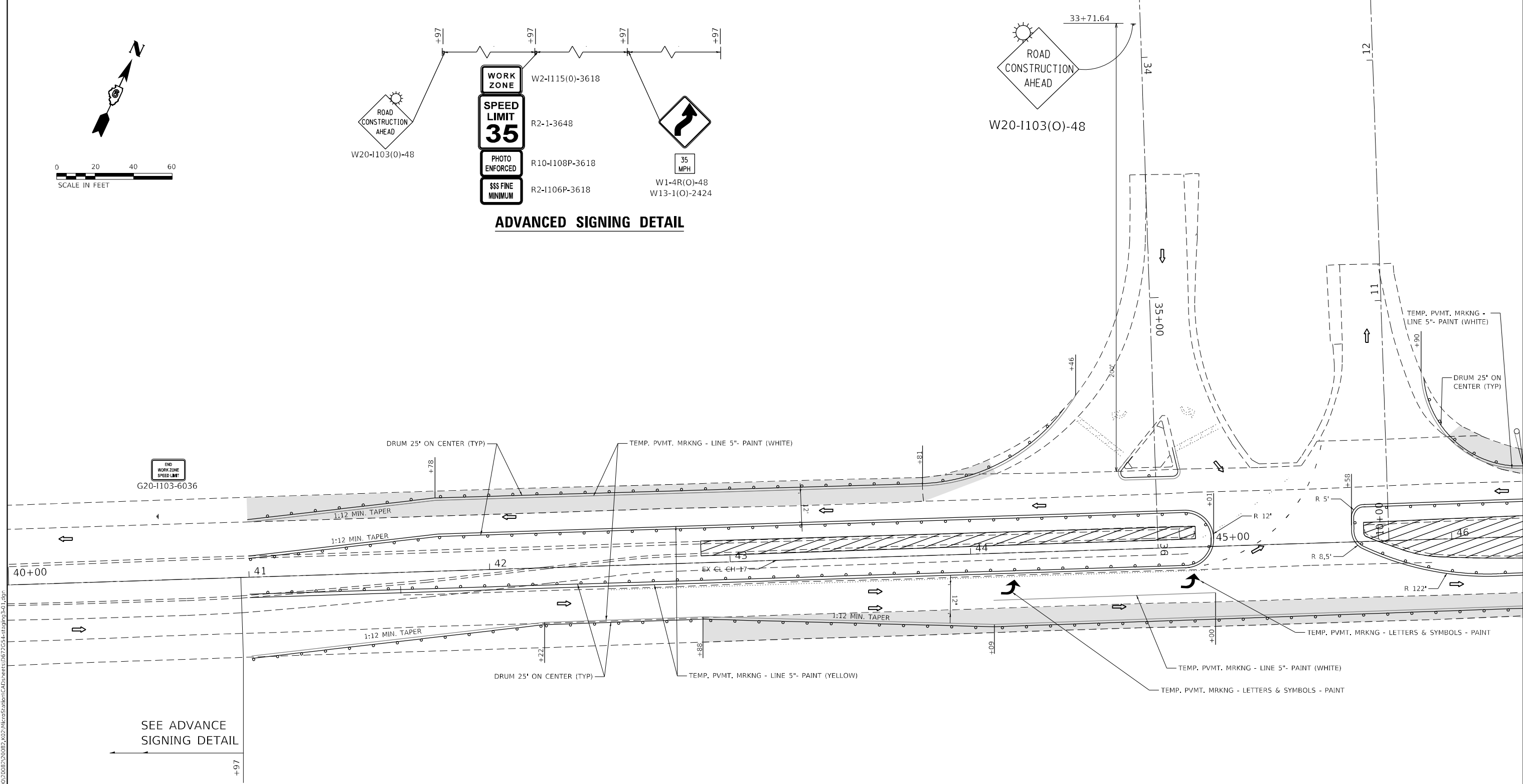
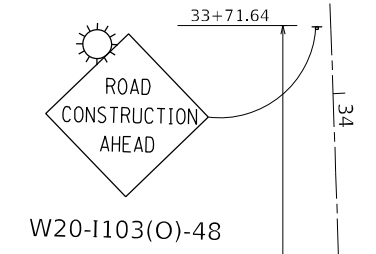
SCALE: 1" = 20' SHEET 18 OF 22 SHEETS STA. 57+00.00 TO STA. 63+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	*	MONTGOMERY	192	75
CONTRACT NO. 72G54				

ILLINOIS FED. AID PROJECT
*(68-4RSI-BY, 68-5HB)D, 68-3RS5



ADVANCED SIGNING DETAIL



- LEGEND**
- WORK ZONE
 - BASE COURSE (CONSTRUCTED IN PREVIOUS STAGES)
 - DIRECTION OF TRAFFIC
 - SIGN
 - IMPACT ATTENUATOR, TEST LEVEL 3 (TEMPORARY)
 - TYPE III BARRICADE
 - TYPE C BIDIIRECTIONAL RE-LOCATION (23' C-C)
 - TEMPORARY CONCRETE BARRIER
 - BARRICADE OR DRUM

Bartlett & West
 1207 SINCLAIR DRIVE, SUITE 2 - JERSEYVILLE, IL 62952
 PHONE 618-664-0001
 ILLINOIS DESIGN FIRM NO. 18-0000000-0002
 WWW.BARTLETTWEST.COM

USER NAME = MAG01839	DESIGNED - RAM	REVISED -
PLOT SCALE = 40,0000 * / in.	CHECKED - KTW	REVISED -
PLOT DATE = 10/20/2022	DRAWN - RAM	REVISED -
	CHECKED - KTW	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

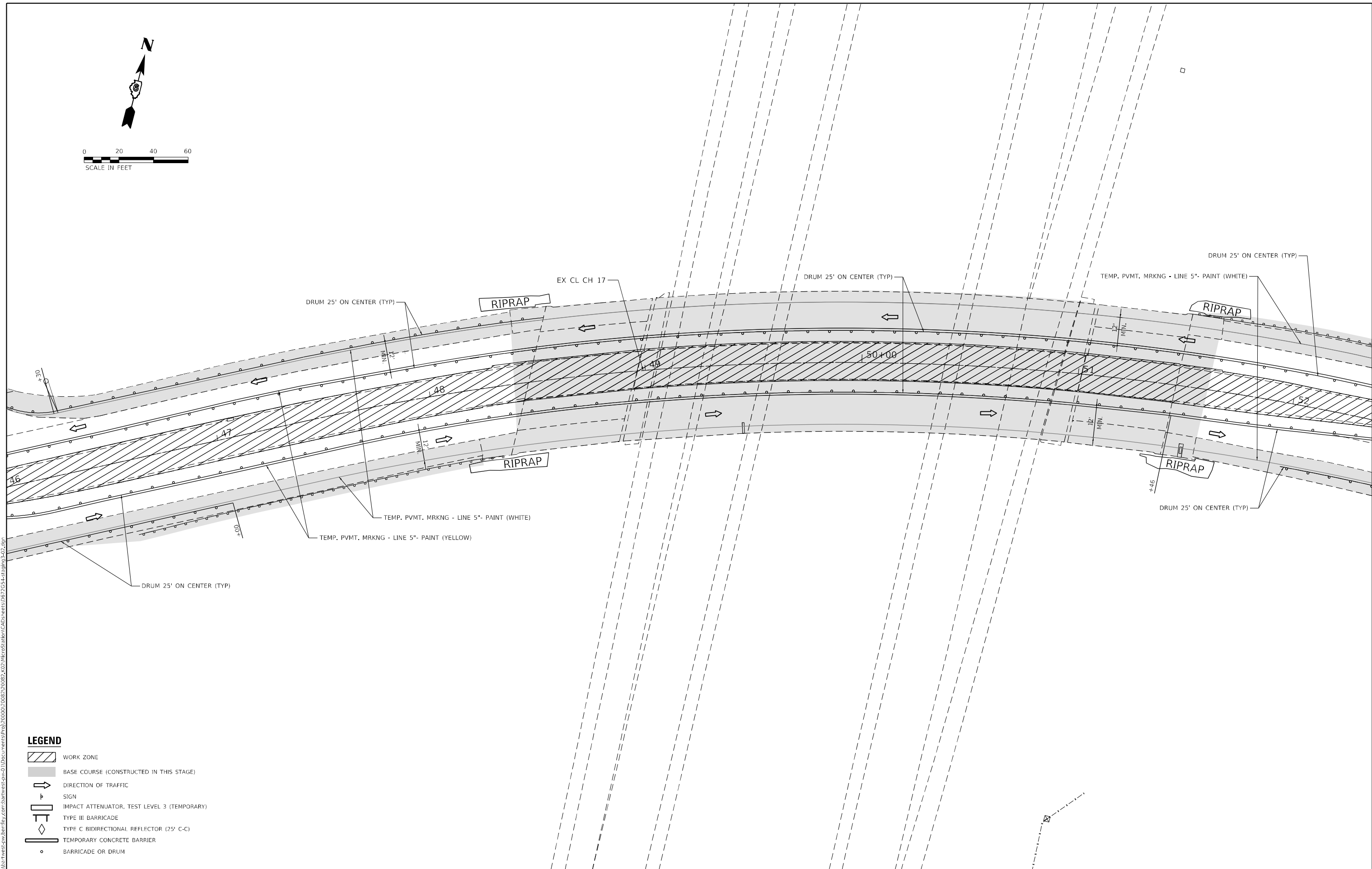
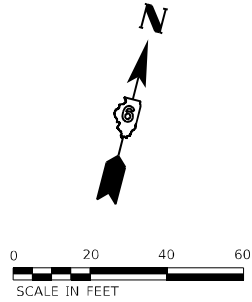
**STAGING PLANS - C.H. 17
 STAGE 3**

SCALE: 1" = 20' SHEET 19 OF 22 SHEETS STA. 40+00.00 TO STA. 46+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	*	MONTGOMERY	192	76
CONTRACT NO. 72G54				

ILLINOIS FED. AID PROJECT
 *(68-4RSI-BY, 68-5HB)D, 68-3RS5

MODEL Stage 3
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LEGEND

	WORK ZONE
	BASE COURSE (CONSTRUCTED IN THIS STAGE)
	DIRECTION OF TRAFFIC
	SIGN
	IMPACT ATTENUATOR, TEST LEVEL 3 (TEMPORARY)
	TYPE III BARRICADE
	TYPE C BIDIRECTIONAL REFLECTOR (25' C-C)
	TEMPORARY CONCRETE BARRIER
	BARRICADE OR DRUM

MODEL Stage 3
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Bartlett & West
 1207 SINCLAIR DRIVE, SUITE 2 - JERSEYVILLE, IL 62552
 PHONE 618-664-0001
 ILLINOIS DESIGN FIRM NO. 18-0000000-0002
 WWW.BARTLETTWEST.COM

USER NAME = MAG01839	DESIGNED - RAM	REVISED -
PLOT SCALE = 40,0000 * / in.	CHECKED - KTW	REVISED -
PLOT DATE = 10/20/2022	DRAWN - RAM	REVISED -
	CHECKED - KTW	REVISED -

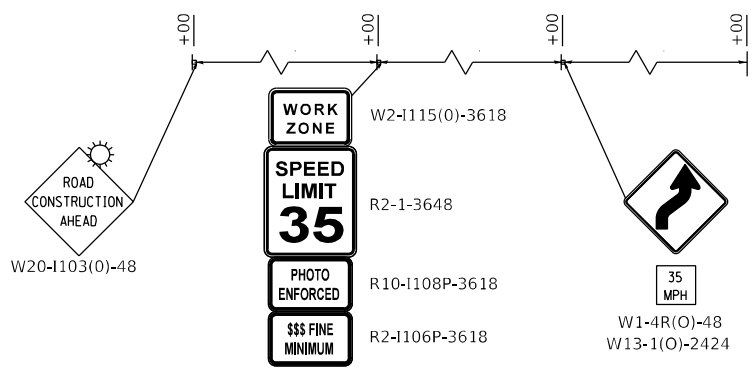
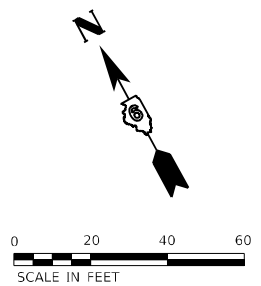
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**STAGING PLANS - C.H. 17
 STAGE 3**

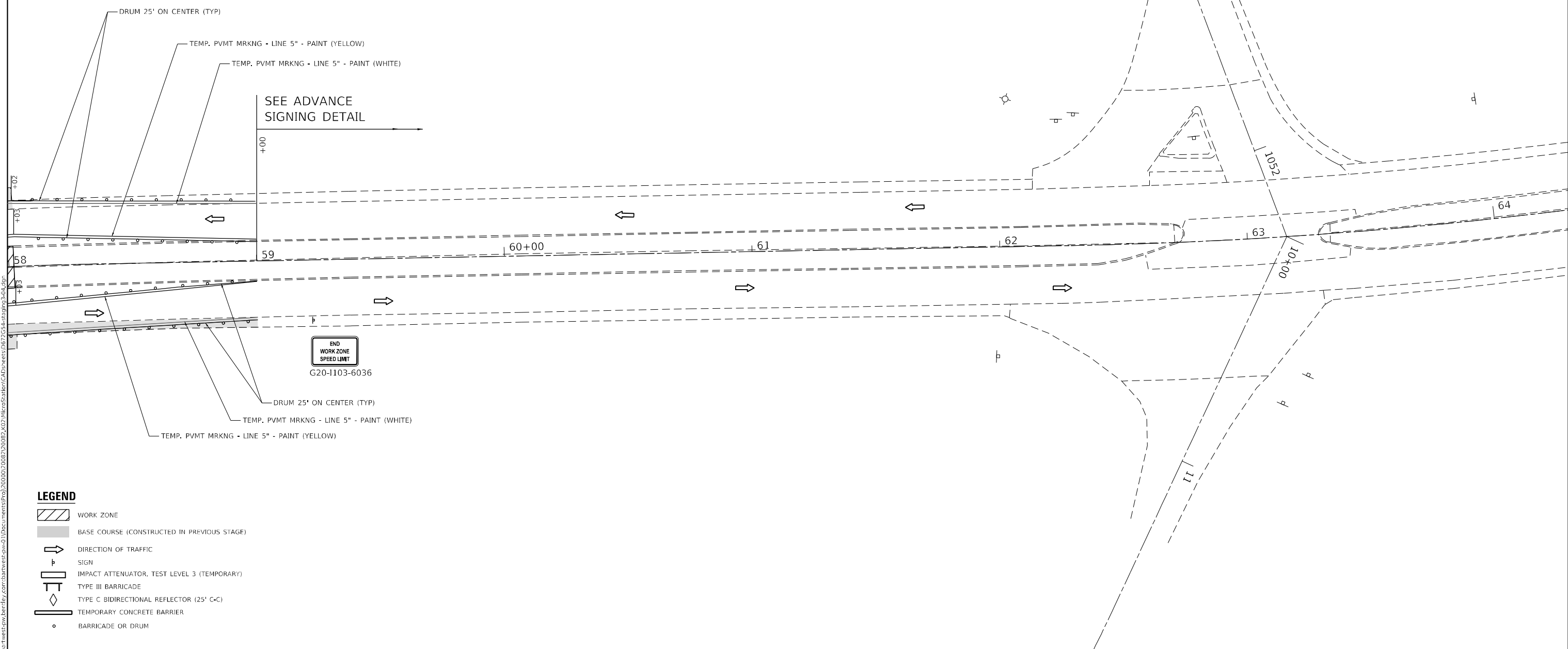
SCALE: 1" = 20' SHEET 20 OF 22 SHEETS STA. 46+00.00 TO STA. 52+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	*	MONTGOMERY	192	77
CONTRACT NO. 72G54				

ILLINOIS FED. AID PROJECT
 *(68-4RSI-BY, 68-5HB)D, 68-3RS5



ADVANCED SIGNING DETAIL



- LEGEND**
- WORK ZONE
 - BASE COURSE (CONSTRUCTED IN PREVIOUS STAGE)
 - DIRECTION OF TRAFFIC
 - SIGN
 - IMPACT ATTENUATOR, TEST LEVEL 3 (TEMPORARY)
 - TYPE III BARRICADE
 - TYPE C BIDIRECTIONAL REFLECTOR (25' C-C)
 - TEMPORARY CONCRETE BARRIER
 - BARRICADE OR DRUM

MODEL Stage 3
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 1207 SINCLAIR DRIVE, SUITE 2 - JERSEYVILLE, IL 62552
 PHONE: 618-684-0001
 ILLINOIS DESIGN FIRM NO. 18-0000000-0002
 WWW.BARTLETTWEST.COM



USER NAME = MAG01839	DESIGNED - RAM	REVISED -
PLOT SCALE = 40,0000 * / in.	CHECKED - KTW	REVISED -
PLOT DATE = 10/20/2022	DRAWN - RAM	REVISED -
	CHECKED - KTW	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

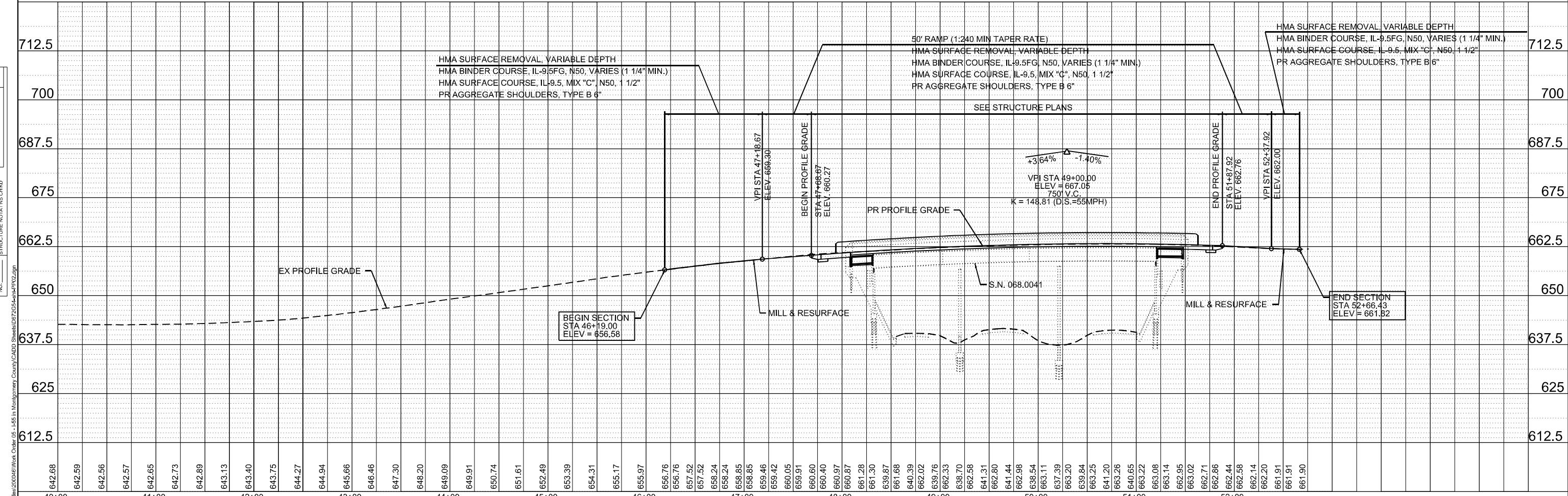
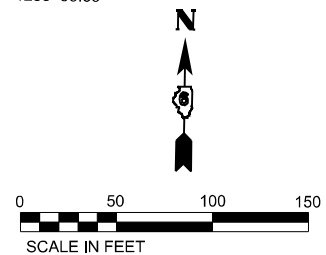
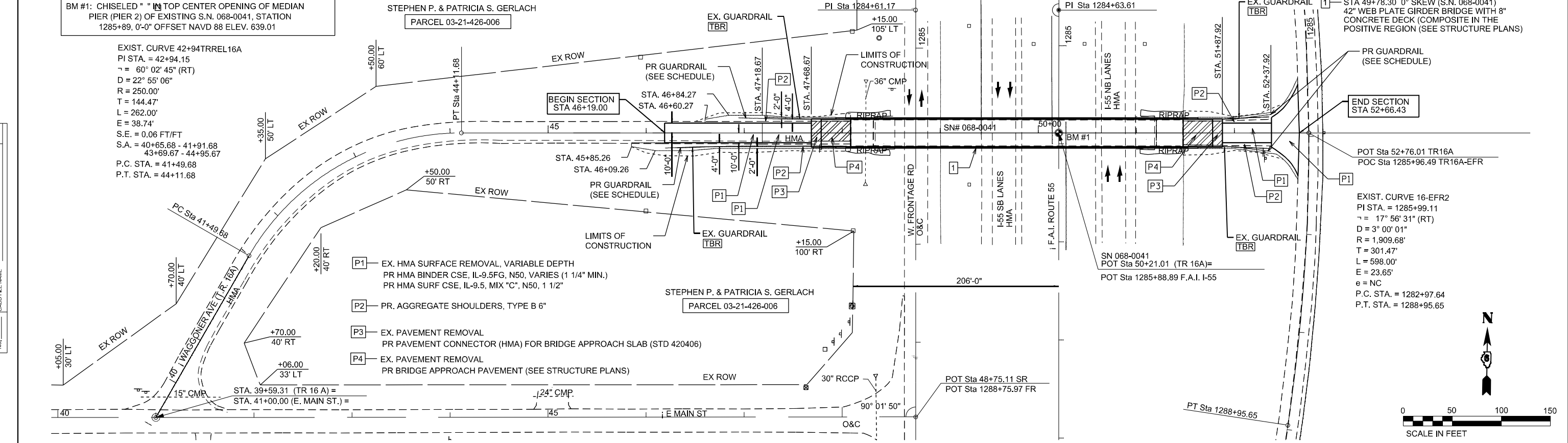
STAGING PLANS - C.H. 17 STAGE 3			
SCALE: 1" = 20'	SHEET 22 OF 22 SHEETS	STA. 58+00.00 TO STA. 64+00.00	

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	*	MONTGOMERY	192	79
CONTRACT NO. 72G54				

ILLINOIS FED. AID PROJECT
*(68-4RSI-BY, 68-5HB)D, 68-3RS5

DATE	
BY	
REVIEWED	
PLANNED	
NOTED	
NO.	

DATE	
BY	
REVIEWED	
PLANNED	
NOTED	
NO.	



KLINGNER & ASSOCIATES, P.C.
 Engineers • Architects • Surveyors
 616 NORTH ST. QUINCY, ILLINOIS 62450-2123
 STATE OF ILLINOIS DESIGN FIRM NO. 154-2738

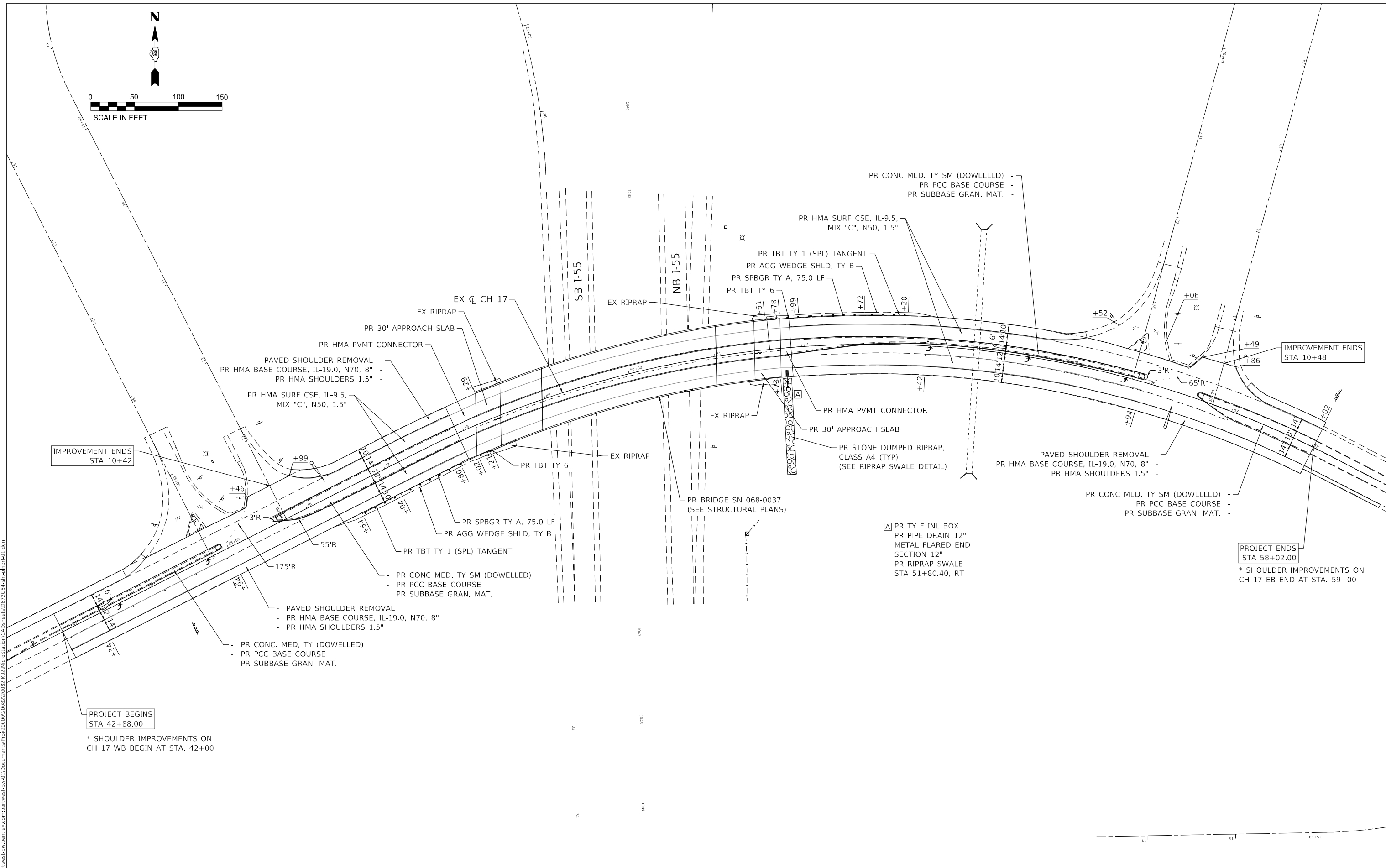
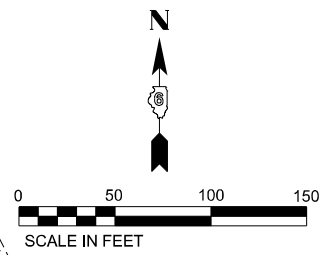
USER NAME =	ams	DESIGNED -	AMS	REVISED -	
PLOT SCALE =	100,0000' / in.	DRAWN -	AMS	REVISED -	
PLOT DATE =	10/17/2022	CHECKED -	EBB	REVISED -	
		DATE	- -	REVISED -	

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**C.H. 16
PLAN AND PROFILE SHEET**

SCALE: 1"=50' SHEET 1 OF 1 SHEETS STA. 40+00 TO STA. 52+76.01

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	(68-4RS1-BY, 68-5HB)D, 68-3RS5	MONTGOMERY	192	81
CONTRACT NO. 72G54			ILLINOIS FED. AID PROJECT	



IMPROVEMENT ENDS
STA 10+42

IMPROVEMENT ENDS
STA 10+48

PROJECT ENDS
STA 58+02.00

PROJECT BEGINS
STA 42+88.00

* SHOULDER IMPROVEMENTS ON
CH 17 WB BEGIN AT STA. 42+00

* SHOULDER IMPROVEMENTS ON
CH 17 EB END AT STA. 59+00

MODEL: Default
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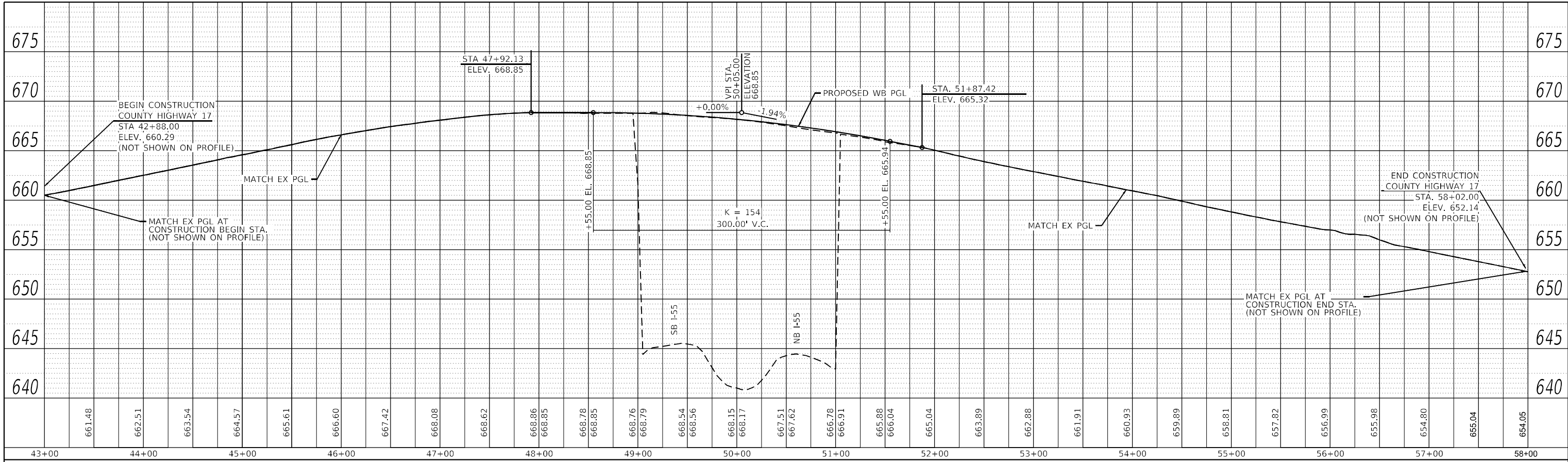
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

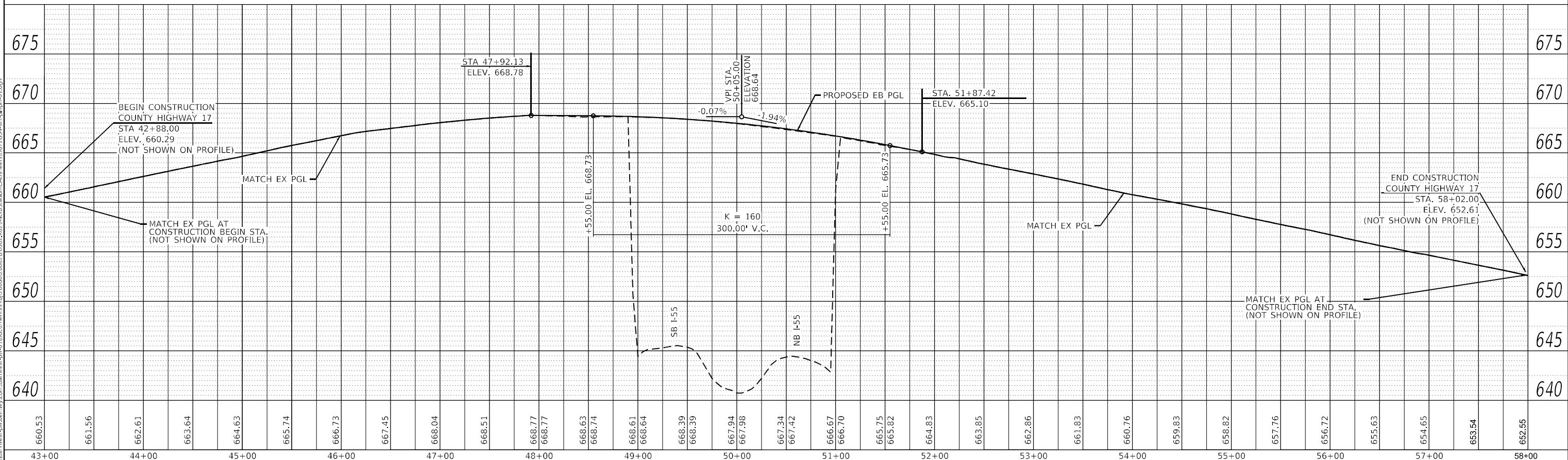
PLAN AND PROFILE C.H. 17			
SCALE: 1" = 50'	SHEET 03	OF 04 SHEETS	STA. 43+00.00 TO STA. 58+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	*	MONTGOMERY	192	82
CONTRACT NO. 72G54				
ILLINOIS FED. AID PROJECT *(68-4RSI-BY, 68-5HB)D, 68-3RS5				

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



PROFILE	SURVEYED	DATE
	PLOTTED	
	GRADES CHECKED	
	STRUCTURE NOTATION CHECKED	
	NOTE BOOK NO.	
	CADD FILE NAME	



USER NAME =	MAG01839	DESIGNED -	REVISED -
		DRAWN -	REVISED -
PLOT SCALE =	100,0000' / in.	CHECKED -	REVISED -
PLOT DATE =	10/20/2022	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PLAN AND PROFILE
C.H. 17**

SCALE: 1" = 50' SHEET 04 OF 04 SHEETS STA. 43+00.00 TO STA. 58+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	*	MONTGOMERY	192	83
CONTRACT NO. 72G54				

ILLINOIS FED. AID PROJECT
*(68-4RSI-BY, 68-5HB)D, 68-3RS5

INDEX OF SHEETS

- 1 General Plan and Elevation
- 2 General Data
- 3-4 Top of Slab Elevations
- 5 Top of West Approach Slab Elevations
- 6 Top of East Approach Slab Elevations
- 7 Superstructure
- 8 Superstructure Details
- 9 Vaulted Abutment Approach Spans
- 10 West Vaulted Abutment Approach Span Details
- 11 East Vaulted Abutment Approach Span Details
- 12 Concrete Parapet Slipforming Option
- 13-14 Bridge Approach Slab Details
- 15 Preformed Joint Stripseal
- 16 Drainage Scupper, DS-11
- 17 Framing Plan
- 18 Structural Steel Details
- 19 Jack and Remove Existing Bearings
- 20 Abutment Bearing Details
- 21 Approach Framing Plan
- 22 Approach Beams
- 23 West Abutment Demo Plan and Details
- 24 East Abutment Demo Plan and Details
- 25-26 West Abutment Repair Details
- 27 Pier Repair Details
- 28 Bar Splicer Details

LOADING HS20-44 (New Const.)

No allowance for future wearing surface

DESIGN SPECIFICATIONS (New Const.)

2002 AASHTO Standard Specifications for Highway Bridges, 17th Edition

2020 AASHTO LRFD Bridge Design Specifications (P.C. I-Beams and Concrete Deck)

SEISMIC DATA

Seismic Performance Category (SPC) = A
Horizontal Bedrock Acceleration Coefficient (A) = 0.057g
Site Coefficient (S) = 1.2

DESIGN STRESSES

FIELD UNITS (New Construction)

$f'_c = 4,000$ psi (Superstructure)
 $f'_c = 3,500$ psi (Substructure)
 $f_y = 50,000$ psi (Structural Steel)
 $f_y = 60,000$ psi (Reinforcement)

PRECAST PRESTRESSED UNITS (New Construction)

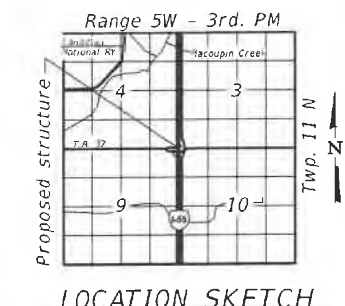
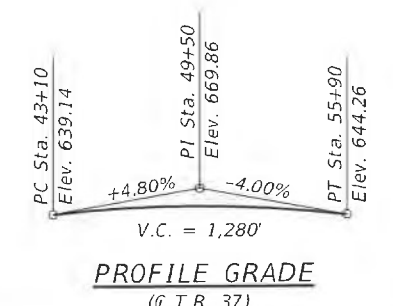
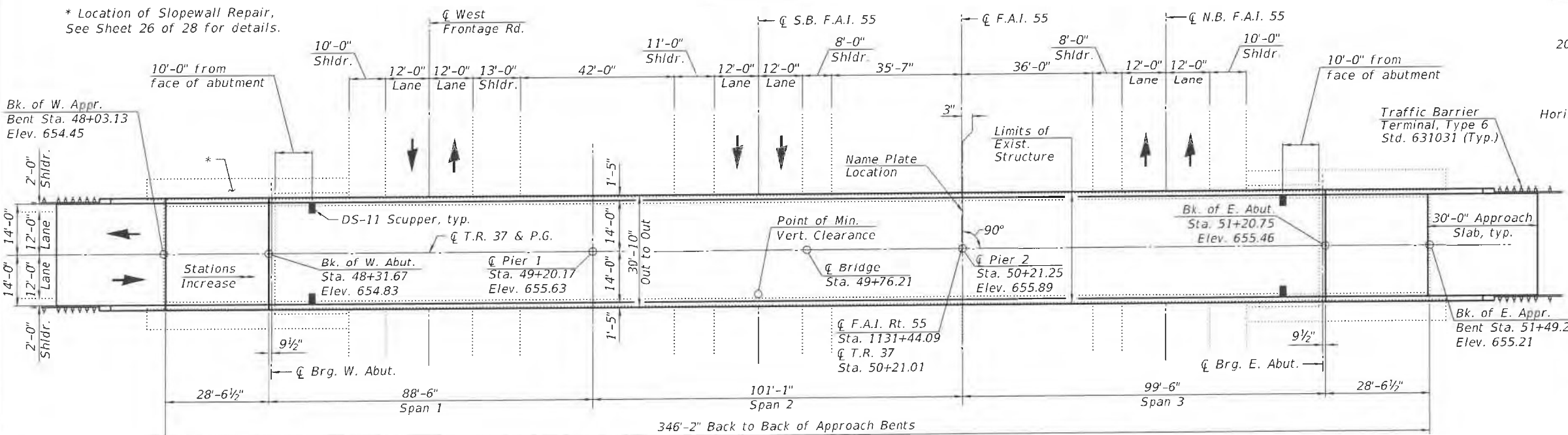
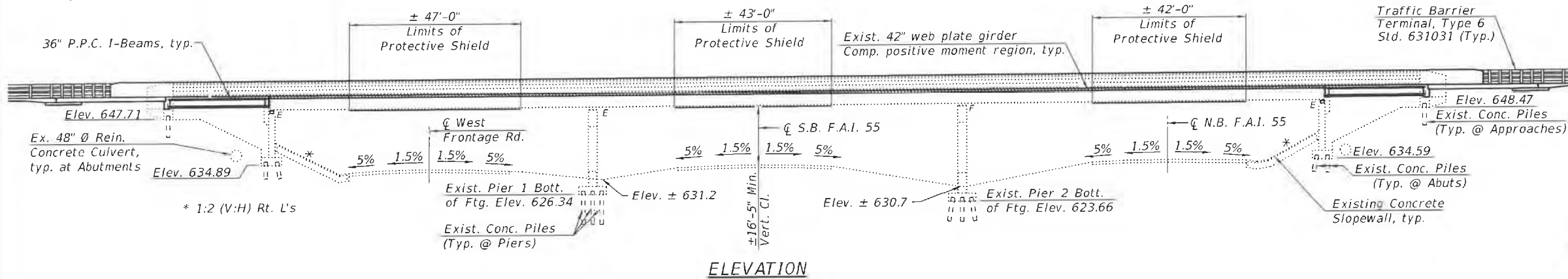
$f'_c = 6,000$ psi
 $f'_c = 5,000$ psi
 $f_s = 270,000$ psi ($1/2$ " ϕ Low Relaxation Strands)
 $f_{si} = 201,960$ psi ($1/2$ " ϕ Low Relaxation Strands)

FIELD UNITS (Exist. Construction)

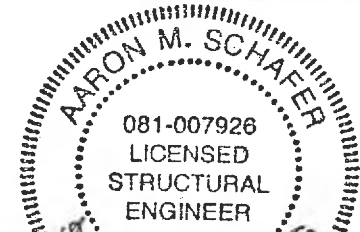
$f'_c = 3,000$ psi (Superstructure)
 $f'_c = 3,500$ psi (Curb, Parapet, Substructure)
 $f_y = 36,000$ psi (Structural Steel)
 $f_y = 40,000$ psi (Reinforcement)

Benchmark: Chiseled "□" in top center opening of Median Pier (Pier 2) of existing S.N. 068-0040, Station 1131+44, 0'-0" Offset, NAVD 88 Elev. 631.64

Existing S.N. 068-0040: The existing structure was originally built in 1971 as FA-Project I-55-2(31)69, Section 68-4HB-1 as a three span 42" steel web plate girder bridge with reinforced concrete deck. The bearings were repositioned and concrete repairs were completed at the joints in 1982, deck patching and substructure repairs were completed in 1994, deck sealing was completed in 2019, and the superstructure was repainted in 2019. The existing structure measures 346'-2" back-to-back of approach bents with a 30'-0" out-to-out deck width. The substructure consists of vaulted concrete abutments supported by concrete piles and two column trapezoidal piers supported by concrete piles. The existing precast prestressed concrete approach beams and reinforced concrete deck will be removed and replaced. The roadway will be closed during construction. Traffic to be maintained utilizing detours. No Salvage.



GENERAL PLAN & ELEVATION
TOWNSHIP ROAD 37 (T.R. 37)
OVER F.A.I. ROUTE 55 (I-55)
SECTION (68-4RS1-BY, 68-5HB)D, 68-3RS5
MONTGOMERY COUNTY
STATION 49+76.21
STRUCTURE NO. 068-0040



APPROVED
For Structural Adequacy Only
James F. [Signature]
Engineer of Bridges & Structures

Aaron M. Schafer
Licensed Structural Engineer
State of Illinois No. 081-007926
License Expires 11/30/2022

KLINGNER ASSOCIATES, P.C. Engineers • Architects • Surveyors 611 N. 24TH ST. QUINCY, ILLINOIS 62301 217.223.3679 STATE OF ILLINOIS DESIGN FIRM NO. 184-2738 10/17/2022 2:07:22 PM	USER NAME =	DESIGNED - AMS	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	GENERAL PLAN AND ELEVATION STRUCTURE NO. 068-0040 SHEET 1 OF 28 SHEETS	F.A.I. RTE. =	SECTION =	COUNTY =	TOTAL SHEETS =	SHEET NO. =
	PLOT SCALE =	CHECKED - RJP	REVISED -			55	(68-4RS1-BY, 68-5HB)D, 68-3RS5	MONTGOMERY	192	84
	PLOT DATE =	DRAWN - AMS	REVISED -			CONTRACT NO. T2G54				
		CHECKED - RJP	REVISED -			ILLINOIS FED. AID PROJECT				

SCOPE OF WORK

1. Set-up traffic control and close roadway.
2. Remove concrete and steel railings, deck, precast prestressed approach beams, and upper portion of wingwalls.
3. Remove existing rocker expansion bearings at the abutments and replace with elastomeric bearings.
4. Perform concrete repairs on substructure units.
5. Repair damaged slope wall and fill voids under west slope wall
6. Replace damaged shear connectors, as needed, replace steel end diaphragms.
7. Erect new prestressed I-beams at vaulted abutments.
8. Construct new 8" concrete deck, parapets, and approach slabs.
9. Regrade ditches in front of abutments.

STATION 49+76.21
 RE-BUILT 202 BY
 STATE OF ILLINOIS
 F.A.I. RT. 55
 SEC. (68-4RS1-BY, 68-5HB)D, 68-3RS5
 LOADING HS-20
 STRUCTURE NO. 068-0040

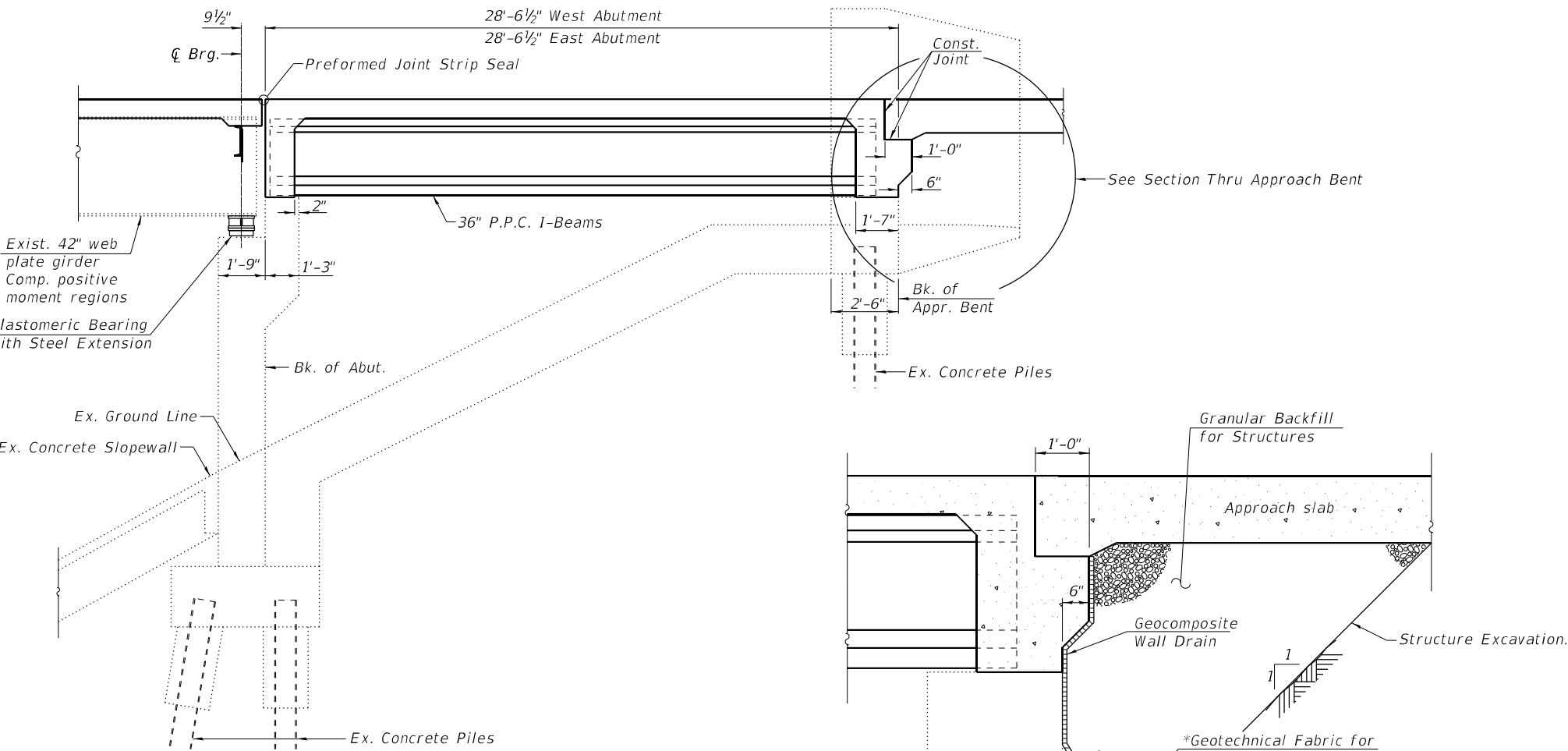
NAME PLATE

See Std. 515001

New Name Plate shall be located next to existing Name Plate. Cost included with Name Plates.

TOTAL BILL OF MATERIAL

ITEM	UNIT	SUPER	SUB	TOTAL
Concrete Removal	Cu. Yd.	64.6	17.7	82.3
Removal of Existing Concrete Deck No. 1	Each	1		1
Protective Shield	Sq. Yd.	440		440
Structure Excavation	Cu. Yd.		65	65
Concrete Structures	Cu. Yd.		39.1	39.1
Concrete Superstructure	Cu. Yd.	413.6		413.6
Bridge Deck Grooving	Sq. Yd.	1,170		1,170
Protective Coat	Sq. Yd.	1,612		1,612
Concrete Superstructure (Approach Slab)	Cu. Yd.	83.6		83.6
Furnishing and Erecting Precast Prestressed Concrete I-beams, 36"	Foot	164.3		164.3
Furnishing and Erecting Structural Steel	Pound	3,230		3,230
Reinforcement Bars, Epoxy Coated	Pound	143,410	2,680	146,090
Bar Splicers	Each	56		56
Name Plates	Each	1		1
Preformed Joint Strip Seal	Foot	60		60
Elastomeric Bearing Assembly, Type I	Each	8		8
Anchor Bolts, 3/4"	Each	32		32
Granular Backfill for Structures	Cu. Yd.		85	85
Geocomposite Wall Drain	Sq. Yd.		36	36
Controlled Low-Strength Material	Cu. Yd.		20	20
Jack and Remove Existing Bearings	Each	8		8
Structural Steel Removal	Pound	2,038		2,038
Removal of Existing Concrete I-Beam	Each	6		6
Structural Repair of Concrete (Depth Equal to or Less than 5 inches)	Sq. Ft.		223	223
Structural Repair of Concrete (Depth Greater than 5 inches)	Sq. Ft.		20	20
Drainage Scuppers, DS-11	Each	4		4
Pipe Underdrains for Structures 4"	Foot		152	152
Slope Wall Repair	Sq. Yd.		31	31



SECTION THRU UNFILLED VAULTED ABUTMENT

SECTION THRU APPROACH BENT

*Included in the cost of Pipe Underdrains for Structures.

Note:
 All drainage system components shall extend to 2'-0" from the end of each wingwall except an outlet pipe shall extend until intersecting with the side slopes. The pipes shall drain into concrete headwalls. (See Article 601.05 of the Standard Specifications and Highway Standard 601101).

GENERAL NOTES

Fasteners shall be ASTM A325 Type 1, mechanically galvanized bolts (in painted areas and ASTM A325 Type 3 in unpainted areas). Bolts 3/4" Ø, holes 15/16" Ø, unless otherwise noted.

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

Reinforcement bars designated (E) shall be epoxy coated.

Prior to pouring the new concrete deck, all heavy or loose rust, loose mill scale, and other loose or potentially detrimental foreign material shall be removed from the surfaces in contact with concrete. Tightly adhered paint may remain unless otherwise noted. Removal shall be accomplished by methods that will not damage the steel and the cost will be included in the pay item covering removal of the existing concrete.

As directed by the Engineer, existing construction accessories welded to the top flange of beams and girders shall be removed. The weld areas shall be ground flush and inspected for cracks using magnetic particle testing (MT) or dye penetrant testing (PT) by qualified personnel approved by the Engineer.

Any cracks that cannot be removed by grinding 1/4 inch deep shall be identified and reported to the Bureau of Bridges and Structures for further disposition. The cost of removing welded accessories, grinding and inspecting weld areas and grinding cracks will be paid for according to Article 109.04 of the Standard Specifications.

If the Contractor elects to use cantilever forming brackets on the exterior beams or girders, the brackets shall be placed at the same locations as required for the hardwood blocks in Article 503.06(b) of the Standard Specifications. If additional cantilever forming brackets are required, hardwood blocking shall be wedged between the exterior and first interior beam at each of these additional bracket locations.

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

The existing structural steel coating contains lead. The contractor shall take appropriate precautions to deal with the presence of lead on this project.

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 Engineers • Architects • Surveyors
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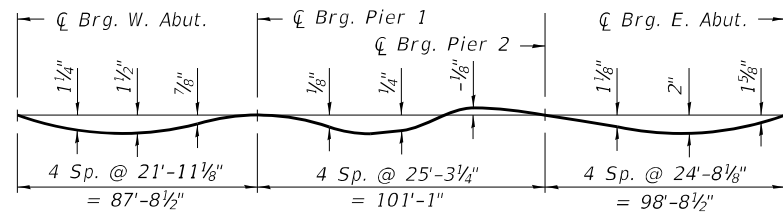
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**GENERAL DATA
 STRUCTURE NO. 068-0040**

SHEET 2 OF 28 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	(68-4RS1-BY, 68-5HB)D, 68-3RS5	MONTGOMERY	192	85
CONTRACT NO. 72G54				
ILLINOIS FED. AID PROJECT				

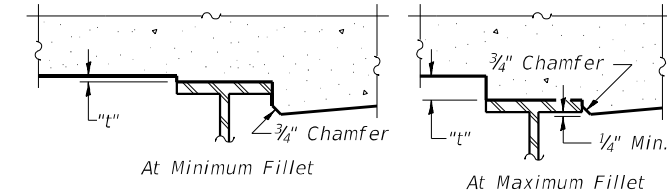


DEAD LOAD DEFLECTION DIAGRAM

(Includes weight of concrete only.)

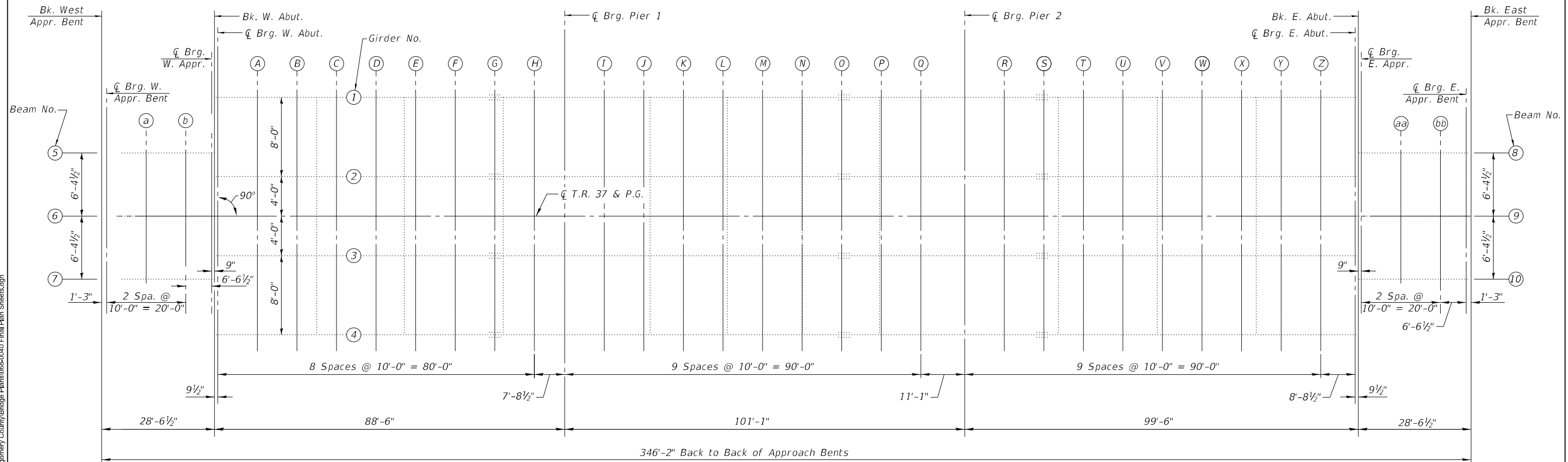
Note:

The above deflections are not to be used in the field if the engineer is working from the grade elevations adjusted for dead load deflections as shown on Sheet 4 of 28.



To determine "t": After removal of the existing concrete deck, elevations of the top flanges of the beams shall be taken at intervals shown below. These elevations subtracted from the "Theoretical Grade Elevations Adjusted for Dead Load Deflection" shown on sheet 4 of 28, minus slab thickness, equals the fillet heights "t" above top flange of beams.

FILLET HEIGHTS



PLAN



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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**TOP OF SLAB ELEVATIONS
STRUCTURE NO. 068-0040**

SHEET 3 OF 28 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	(68-4RS1-BY, 68-5HB)D, 68-3RS5	MONTGOMERY	192	86
CONTRACT NO. 72G54				
ILLINOIS FED. AID PROJECT				

WEST APPROACH SPAN - BEAMS 5 & 7

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. W. Appr. Bent	48+03.13	6.38	654.36	654.36
☉ Brg. W. Appr. Bent	48+04.38	6.38	654.37	654.37
a	48+14.38	6.38	654.51	654.51
b	48+24.38	6.38	654.64	654.64
☉ Brg. W. Abut.	48+30.92	6.38	654.72	654.72
Bk. W. Abut.	48+31.67	6.38	654.73	654.73

EAST APPROACH SPAN - BEAMS 8 & 10

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. E. Abut.	51+20.75	6.38	655.37	655.37
☉ Brg. E. Appr.	51+21.50	6.38	655.36	655.36
aa	51+31.50	6.38	655.28	655.28
bb	51+41.50	6.38	655.19	655.19
☉ Brg. E. Appr. Bent	51+48.04	6.38	655.13	655.13
Bk. E. Appr. Bent	51+49.29	6.38	655.12	655.12

WEST APPROACH SPAN - BEAM 6, ☉ ROADWAY & P.G.

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. W. Appr. Bent	48+03.13	0.00	654.45	654.45
☉ Brg. W. Appr. Bent	48+04.38	0.00	654.47	654.47
a	48+14.38	0.00	654.61	654.61
b	48+24.38	0.00	654.74	654.74
☉ Brg. W. Abut.	48+30.92	0.00	654.82	654.82
Bk. W. Abut.	48+31.67	0.00	654.83	654.83

EAST APPROACH SPAN - BEAM 9, ☉ ROADWAY & P.G.

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. E. Abut.	51+20.75	0.00	655.46	655.46
☉ Brg. E. Appr.	51+21.50	0.00	655.45	655.45
aa	51+31.50	0.00	655.37	655.37
bb	51+41.50	0.00	655.29	655.29
☉ Brg. E. Appr. Bent	51+48.04	0.00	655.22	655.22
Bk. E. Appr. Bent	51+49.29	0.00	655.21	655.21

MAIN SPANS - GIRDERS 1 & 4

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. W. Abut.	48+31.67	12.00	654.65	654.65
☉ Brg. W. Abut.	48+32.46	12.00	654.65	654.65
A	48+42.46	12.00	654.77	654.82
B	48+52.46	12.00	654.88	654.98
C	48+62.46	12.00	654.99	655.10
D	48+72.46	12.00	655.08	655.21
E	48+82.46	12.00	655.17	655.28
F	48+92.46	12.00	655.26	655.34
G	49+02.46	12.00	655.33	655.38
H	49+12.46	12.00	655.40	655.42
☉ Brg. Pier 1	49+20.17	12.00	655.45	655.45
I	49+30.17	12.00	655.51	655.50
J	49+40.17	12.00	655.56	655.56
K	49+50.17	12.00	655.60	655.61
L	49+60.17	12.00	655.64	655.66
M	49+70.17	12.00	655.67	655.69
N	49+80.17	12.00	655.69	655.71
O	49+90.17	12.00	655.71	655.71
P	50+00.17	12.00	655.71	655.71
Q	50+10.17	12.00	655.72	655.71
☉ Brg. Pier 2	50+21.25	12.00	655.71	655.71
R	50+31.25	12.00	655.70	655.73
S	50+41.25	12.00	655.68	655.75
T	50+51.25	12.00	655.65	655.77
U	50+61.25	12.00	655.62	655.77
V	50+71.25	12.00	655.58	655.75
W	50+81.25	12.00	655.53	655.70
X	50+91.25	12.00	655.48	655.63
Y	51+01.25	12.00	655.42	655.53
Z	51+11.25	12.00	655.35	655.41
☉ Brg. E. Abut.	51+19.96	12.00	655.29	655.29
BK. E. Abut.	51+20.75	12.00	655.28	655.28

MAIN SPANS - GIRDERS 2 & 3

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. W. Abut.	48+31.67	4.00	654.77	654.77
☉ Brg. W. Abut.	48+32.46	4.00	654.77	654.77
A	48+42.46	4.00	654.89	654.94
B	48+52.46	4.00	655.00	655.10
C	48+62.46	4.00	655.11	655.22
D	48+72.46	4.00	655.20	655.33
E	48+82.46	4.00	655.29	655.40
F	48+92.46	4.00	655.38	655.46
G	49+02.46	4.00	655.45	655.50
H	49+12.46	4.00	655.52	655.54
☉ Brg. Pier 1	49+20.17	4.00	655.57	655.57
I	49+30.17	4.00	655.63	655.62
J	49+40.17	4.00	655.68	655.68
K	49+50.17	4.00	655.72	655.73
L	49+60.17	4.00	655.76	655.78
M	49+70.17	4.00	655.79	655.81
N	49+80.17	4.00	655.81	655.83
O	49+90.17	4.00	655.83	655.83
P	50+00.17	4.00	655.83	655.83
Q	50+10.17	4.00	655.84	655.83
☉ Brg. Pier 2	50+21.25	4.00	655.83	655.83
R	50+31.25	4.00	655.82	655.85
S	50+41.25	4.00	655.80	655.87
T	50+51.25	4.00	655.77	655.89
U	50+61.25	4.00	655.74	655.89
V	50+71.25	4.00	655.70	655.87
W	50+81.25	4.00	655.65	655.82
X	50+91.25	4.00	655.60	655.75
Y	51+01.25	4.00	655.54	655.65
Z	51+11.25	4.00	655.47	655.53
☉ Brg. E. Abut.	51+19.96	4.00	655.41	655.41
BK. E. Abut.	51+20.75	4.00	655.40	655.40

MAIN SPANS - ☉ ROADWAY & P.G.

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. W. Abut.	48+31.67	0.00	654.83	654.83
☉ Brg. W. Abut.	48+32.46	0.00	654.83	654.83
A	48+42.46	0.00	654.95	655.00
B	48+52.46	0.00	655.06	655.16
C	48+62.46	0.00	655.17	655.28
D	48+72.46	0.00	655.26	655.39
E	48+82.46	0.00	655.35	655.46
F	48+92.46	0.00	655.44	655.52
G	49+02.46	0.00	655.51	655.56
H	49+12.46	0.00	655.58	655.60
☉ Brg. Pier 1	49+20.17	0.00	655.63	655.63
I	49+30.17	0.00	655.69	655.68
J	49+40.17	0.00	655.74	655.74
K	49+50.17	0.00	655.78	655.79
L	49+60.17	0.00	655.82	655.84
M	49+70.17	0.00	655.85	655.87
N	49+80.17	0.00	655.87	655.89
O	49+90.17	0.00	655.89	655.89
P	50+00.17	0.00	655.89	655.89
Q	50+10.17	0.00	655.90	655.89
☉ Brg. Pier 2	50+21.25	0.00	655.89	655.89
R	50+31.25	0.00	655.88	655.91
S	50+41.25	0.00	655.86	655.93
T	50+51.25	0.00	655.83	655.95
U	50+61.25	0.00	655.80	655.95
V	50+71.25	0.00	655.76	655.93
W	50+81.25	0.00	655.71	655.88
X	50+91.25	0.00	655.66	655.81
Y	51+01.25	0.00	655.60	655.71
Z	51+11.25	0.00	655.53	655.59
☉ Brg. E. Abut.	51+19.96	0.00	655.47	655.47
BK. E. Abut.	51+20.75	0.00	655.46	655.46

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**TOP OF SLAB ELEVATIONS
STRUCTURE NO. 068-0040**

SHEET 4 OF 28 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	(68-IRS1-BY, 68-5HB)D, 68-3RS5	MONTGOMERY	192	87
CONTRACT NO. 72G54				
ILLINOIS FED. AID PROJECT				

NORTH EDGE OF SHOULDER

Location	Station	Offset	Theoretical Grade Elevations
W. End West Appr. Slab	47+73.63	-14.00	653.80
A1	47+83.63	-14.00	653.95
A2	47+93.63	-14.00	654.10
E. End West Appr. Slab	48+03.63	-14.00	654.25

NORTH EDGE OF PAVEMENT

Location	Station	Offset	Theoretical Grade Elevations
W. End West Appr. Slab	47+73.63	-12.00	653.83
A1	47+83.63	-12.00	653.98
A2	47+93.63	-12.00	654.13
E. End West Appr. Slab	48+03.63	-12.00	654.28

☐ ROADWAY & PROFILE GRADE

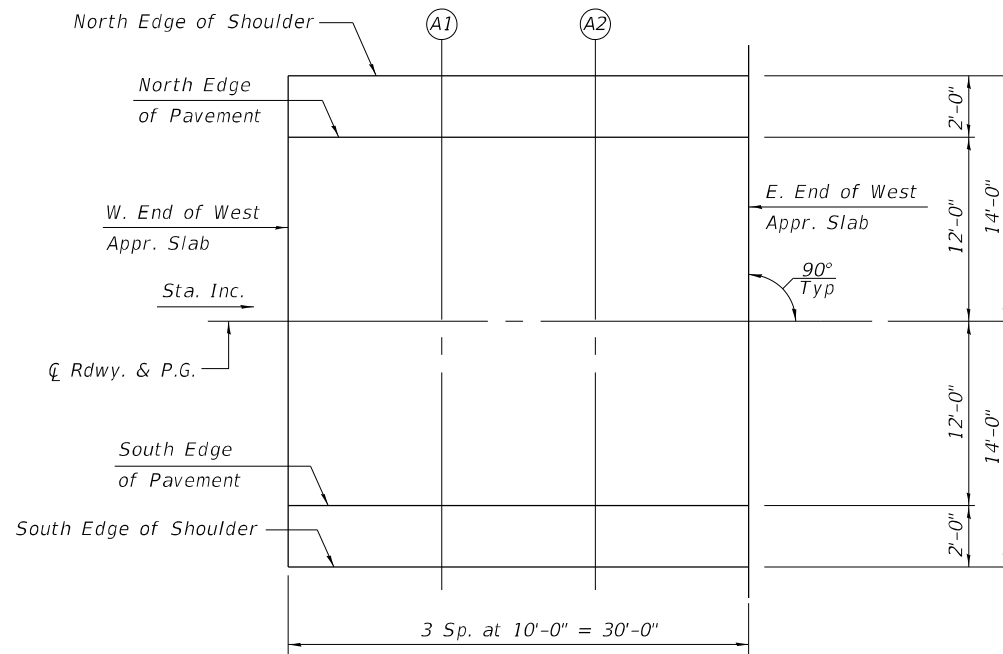
Location	Station	Offset	Theoretical Grade Elevations
W. End West Appr. Slab	47+73.63	0.00	654.01
A1	47+83.63	0.00	654.16
A2	47+93.63	0.00	654.31
E. End West Appr. Slab	48+03.63	0.00	654.46

SOUTH EDGE OF PAVEMENT

Location	Station	Offset	Theoretical Grade Elevations
W. End West Appr. Slab	47+73.63	12.00	653.83
A1	47+83.63	12.00	653.98
A2	47+93.63	12.00	654.13
E. End West Appr. Slab	48+03.63	12.00	654.28

SOUTH EDGE OF SHOULDER

Location	Station	Offset	Theoretical Grade Elevations
W. End West Appr. Slab	47+73.63	14.00	653.80
A1	47+83.63	14.00	653.95
A2	47+93.63	14.00	654.10
E. End West Appr. Slab	48+03.63	14.00	654.25



PLAN



Note:
Offsets to the left of ☐ T.R. 37 are negative.
Offsets to the right of ☐ T.R. 37 are positive.

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TOP OF WEST APPROACH SLAB ELEVATIONS
STRUCTURE NO. 068-0040

SHEET 5 OF 28 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	(68-4RS1-BY, 68-5HB)D, 68-3RS5	MONTGOMERY	192	88
CONTRACT NO. 72G54				
ILLINOIS FED. AID PROJECT				

NORTH EDGE OF SHOULDER

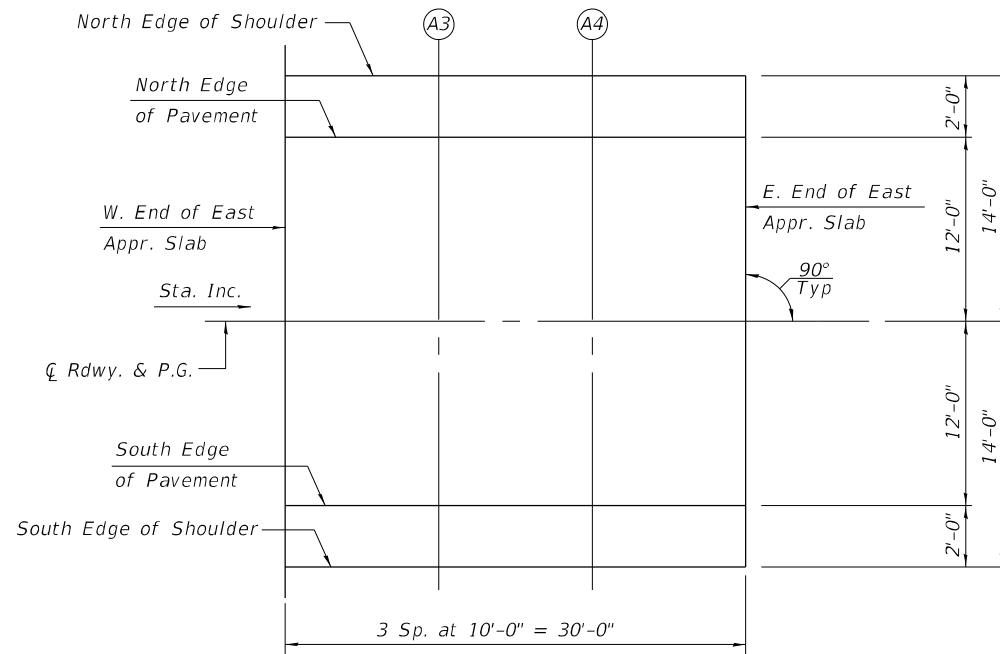
Location	Station	Offset	Theoretical Grade Elevations
W. End East Appr. Slab	51+48.79	-14.00	655.01
A3	51+58.79	-14.00	654.91
A4	51+68.79	-14.00	654.80
E. End East Appr. Slab	51+78.79	-14.00	654.69

NORTH EDGE OF PAVEMENT

Location	Station	Offset	Theoretical Grade Elevations
W. End East Appr. Slab	51+48.79	-12.00	655.04
A3	51+58.79	-12.00	654.94
A4	51+68.79	-12.00	654.83
E. End East Appr. Slab	51+78.79	-12.00	654.72

☐ ROADWAY & PROFILE GRADE

Location	Station	Offset	Theoretical Grade Elevations
W. End East Appr. Slab	51+48.79	0.00	655.22
A3	51+58.79	0.00	655.12
A4	51+68.79	0.00	655.01
E. End East Appr. Slab	51+78.79	0.00	654.90



PLAN



Note:
Offsets to the left of ☐ T.R. 37 are negative.
Offsets to the right of ☐ T.R. 37 are positive.

SOUTH EDGE OF PAVEMENT

Location	Station	Offset	Theoretical Grade Elevations
W. End East Appr. Slab	51+48.79	12.00	655.04
A3	51+58.79	12.00	654.94
A4	51+68.79	12.00	654.83
E. End East Appr. Slab	51+78.79	12.00	654.72

SOUTH EDGE OF SHOULDER

Location	Station	Offset	Theoretical Grade Elevations
W. End East Appr. Slab	51+48.79	14.00	655.01
A3	51+58.79	14.00	654.91
A4	51+68.79	14.00	654.80
E. End East Appr. Slab	51+78.79	14.00	654.69

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DEPARTMENT OF TRANSPORTATION

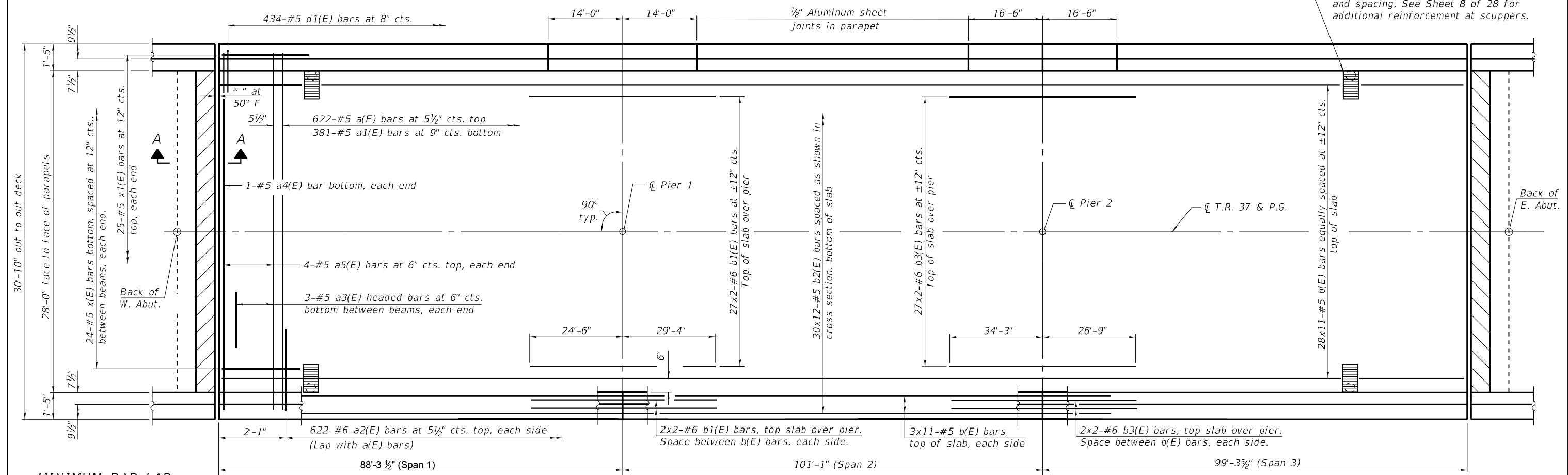
TOP OF EAST APPROACH SLAB ELEVATIONS
STRUCTURE NO. 068-0040

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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CONTRACT NO. 72G54				
ILLINOIS FED. AID PROJECT				

SHEET 6 OF 28 SHEETS

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See Sheet 1 of 28 for scupper location and spacing, See Sheet 8 of 28 for additional reinforcement at scuppers.

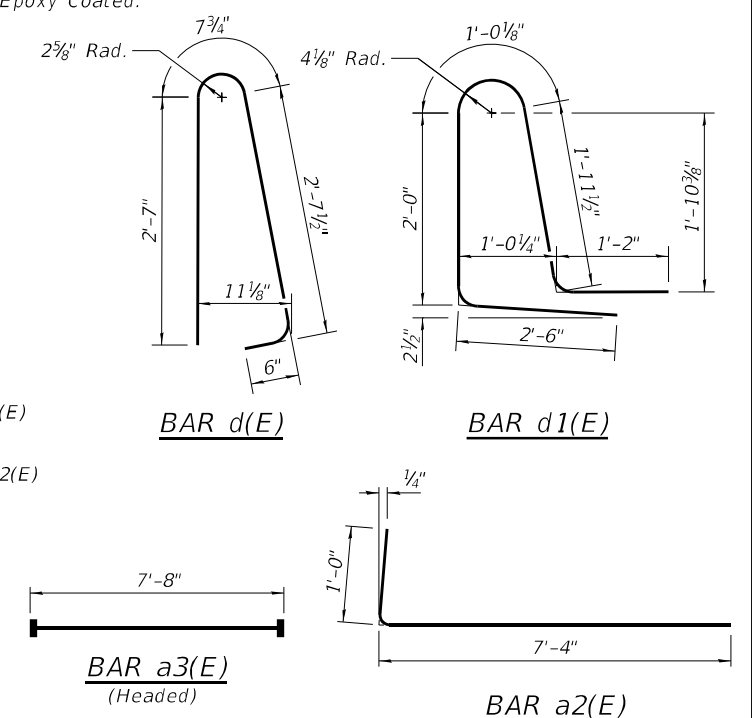
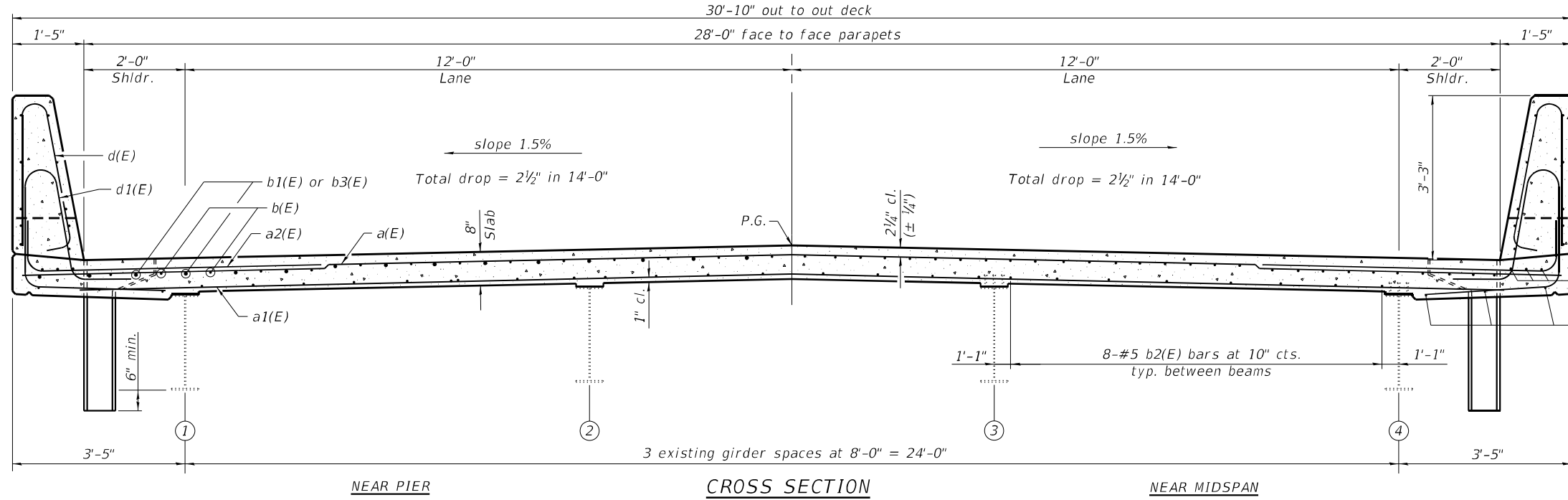


MINIMUM BAR LAP
 #5 bar = 3'-6"
 #6 bar = 5'-0"

PLAN

* Dimension showing concrete opening. For joint opening see sheet 15 of 28.

Notes:
 See sheet 8 of 28 for superstructure details and Bill of Material.
 Bars indicated thus 30x12-#5 etc. indicates 30 lines of bars with 12 lengths per line.
 See sheet 8 of 28 for Section A-A.
 Headed bars shall conform to ASTM A970 with threaded attachment; Class HA; and reinforcement bars conforming to ASTM A706. Cost included with Reinforcement Bars, Epoxy Coated.



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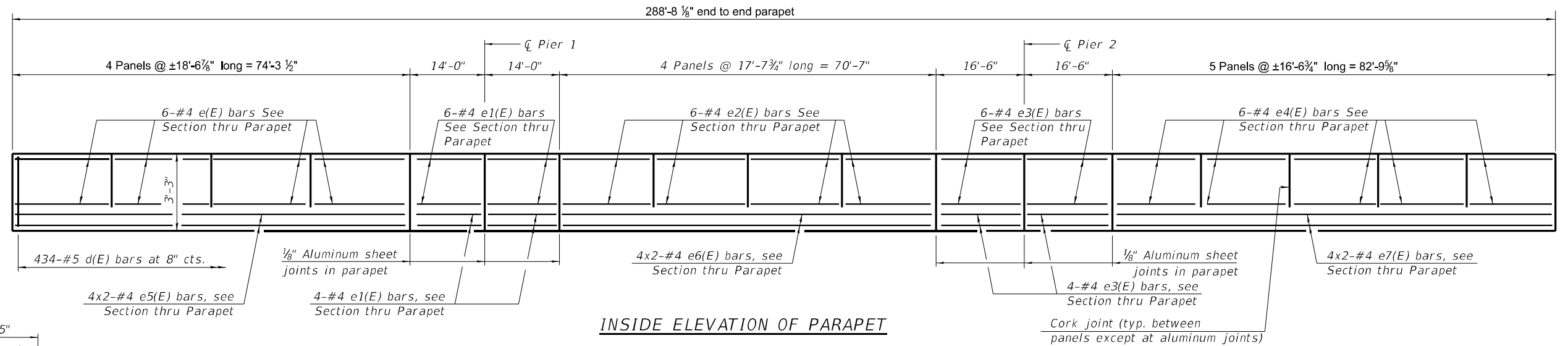
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**SUPERSTRUCTURE
 STRUCTURE NO. 068-0040**

SHEET 7 OF 28 SHEETS

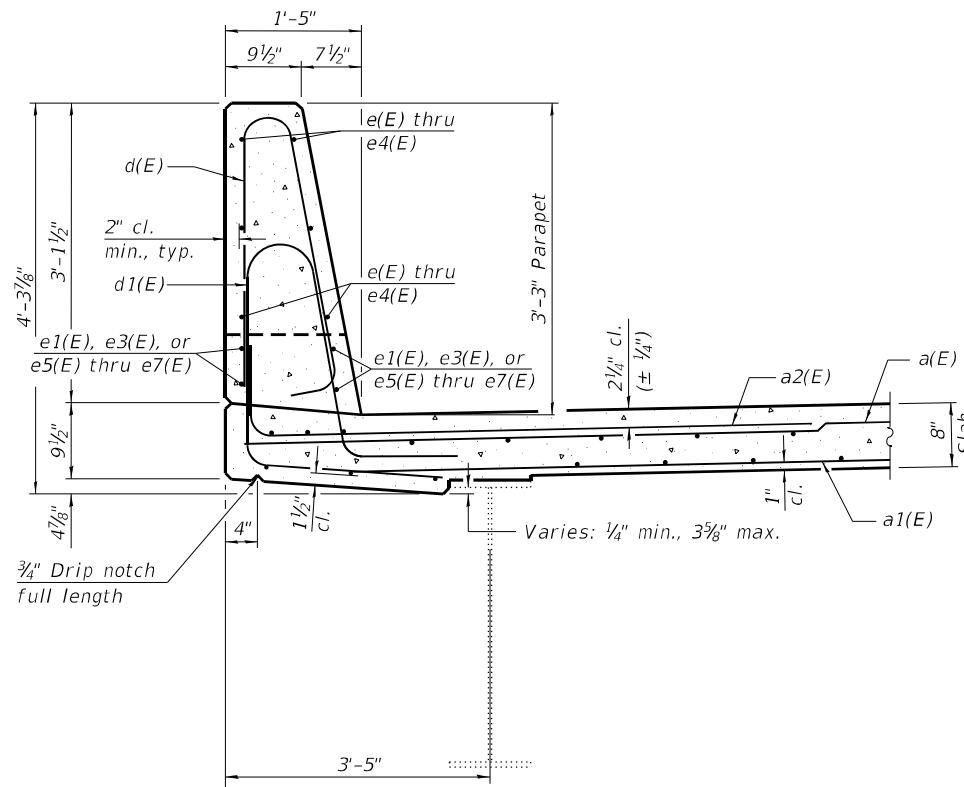
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55	(68-4RS1-BY, 68-5HB)D, 68-3RS5	MONTGOMERY	192	90
CONTRACT NO. 72G54				
ILLINOIS FED. AID PROJECT				

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

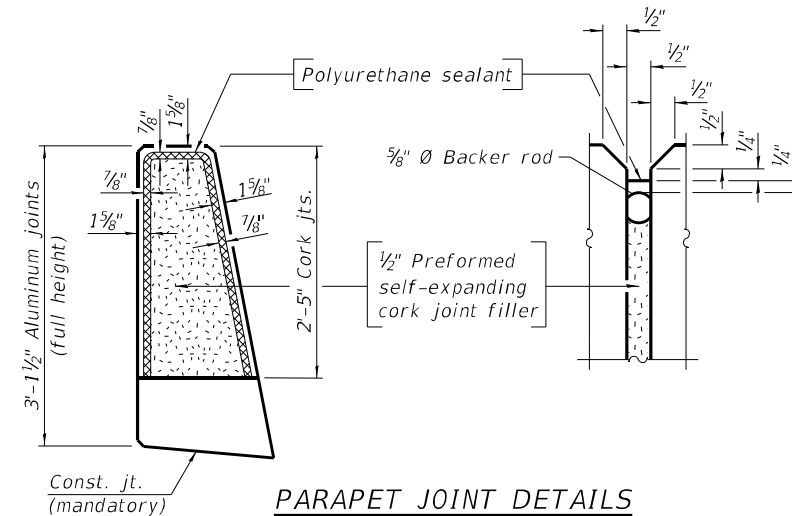


INSIDE ELEVATION OF PARAPET

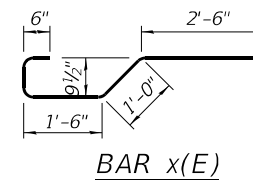
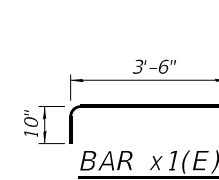
Notes:
The 1/8" Aluminum sheet shall be ASTM B 209 alloy 3003-H14 and coated to minimize reaction with wet concrete. Cost included with Concrete Superstructure.
The Polyurethane Sealant shall be according to Article 1050.04 of the Std. Spec. and the color shall be gray.



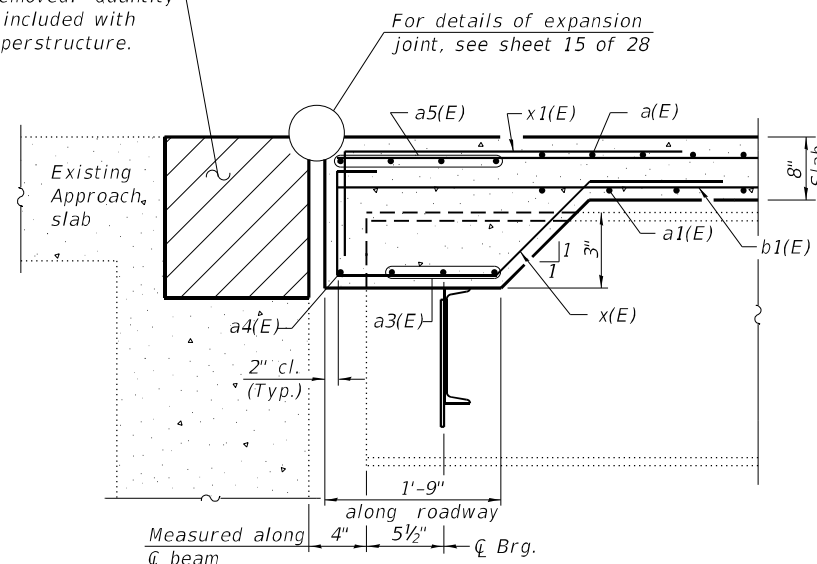
SECTION THRU PARAPET



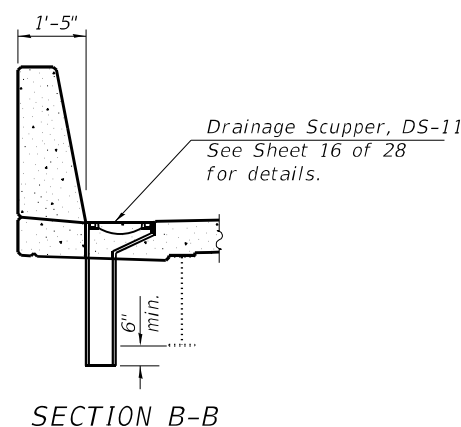
PARAPET JOINT DETAILS



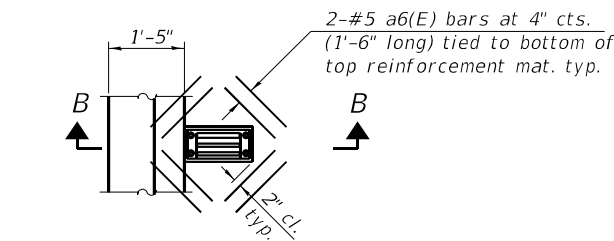
Hatched area to be poured after superstructure forms have been removed. Quantity of concrete included with Concrete Superstructure.



SECTION A-A



SECTION B-B



PLAN AT DRAINAGE SCUPPER

Note:
Cut longitudinal reinforcement to clear drainage scuppers.

SUPERSTRUCTURE BILL OF MATERIAL

Bar	No.	Size	Length	Shape
a(E)	622	#5	30'-6"	—
a1(E)	381	#5	28'-0"	—
a2(E)	1244	#6	8'-4"	—
a3(E)	18	#5	7'-8"	—
a4(E)	2	#5	24'-8"	—
a5(E)	8	#5	30'-6"	—
a6(E)	32	#5	1'-6"	—
b(E)	374	#5	29'-6"	—
b1(E)	62	#6	29'-5"	—
b2(E)	360	#5	27'-4"	—
b3(E)	62	#6	33'-0"	—
d(E)	868	#5	6'-5"	—
d1(E)	868	#5	8'-8"	—
e(E)	48	#4	18'-4"	—
e1(E)	40	#4	13'-9"	—
e2(E)	48	#4	17'-4"	—
e3(E)	40	#4	16'-3"	—
e4(E)	60	#4	16'-4"	—
e5(E)	16	#4	38'-4"	—
e6(E)	16	#4	36'-4"	—
e7(E)	16	#4	42'-7"	—
x(E)	48	#5	6'-4"	—
x1(E)	50	#5	4'-4"	—
Reinforcement Bars, Epoxy Coated		Lbs.	92,620	
Concrete Superstructure		Cu. Yd.	326.3	

Bars indicated thus 4x2-#4 etc. indicates 4 line of bars with 2 lengths per line.

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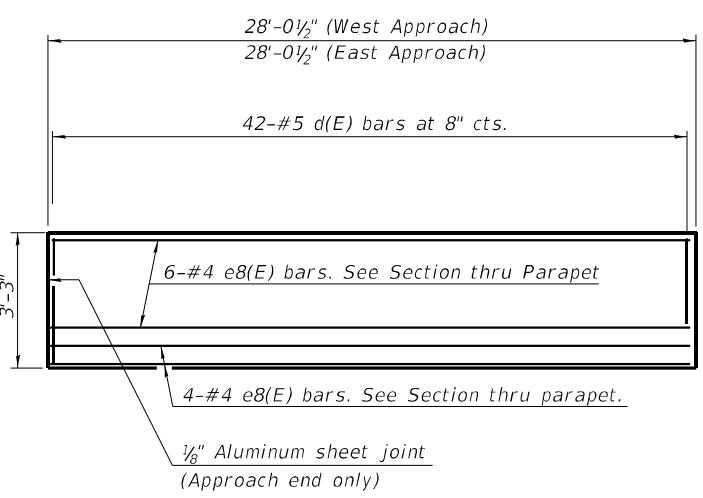
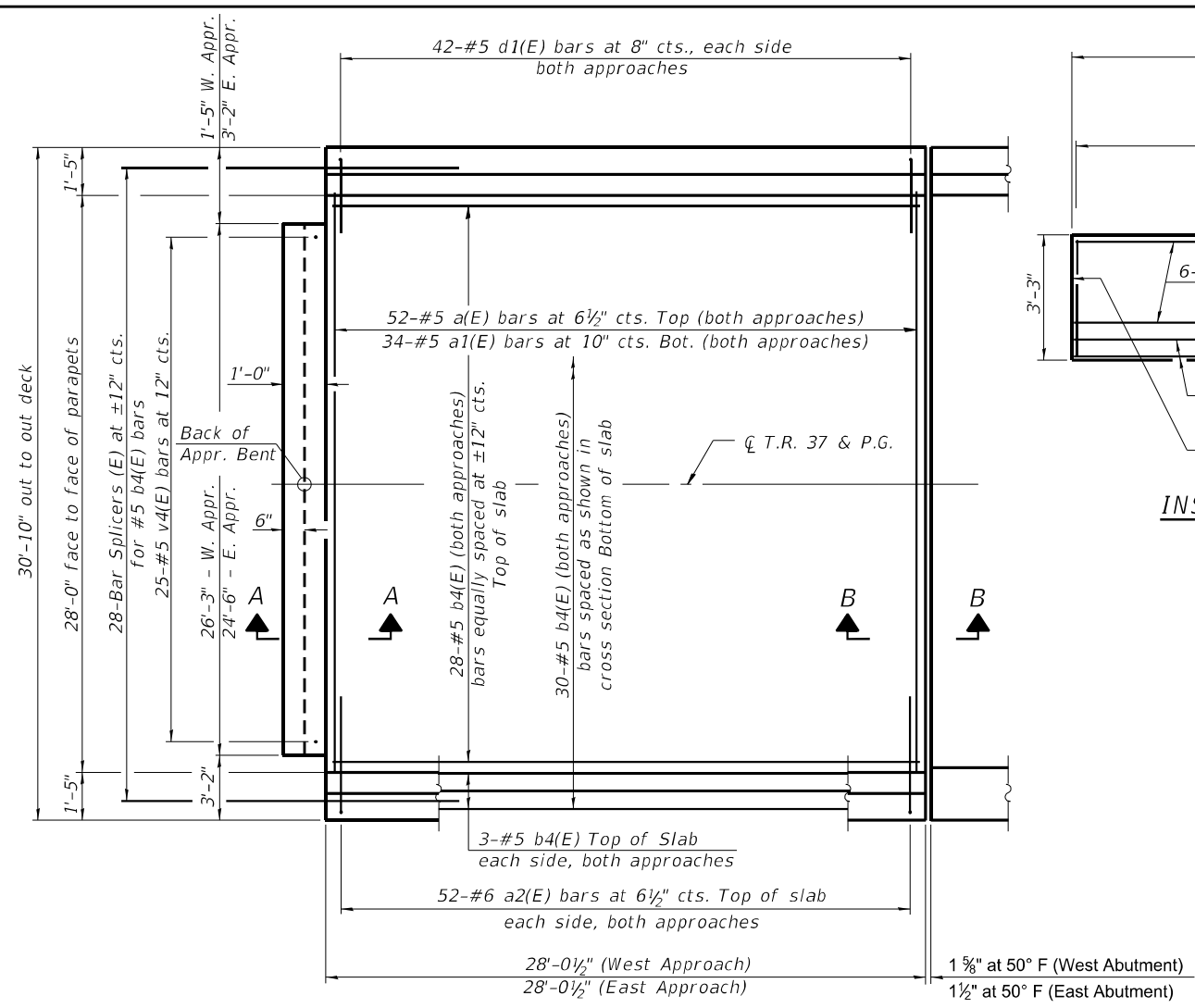
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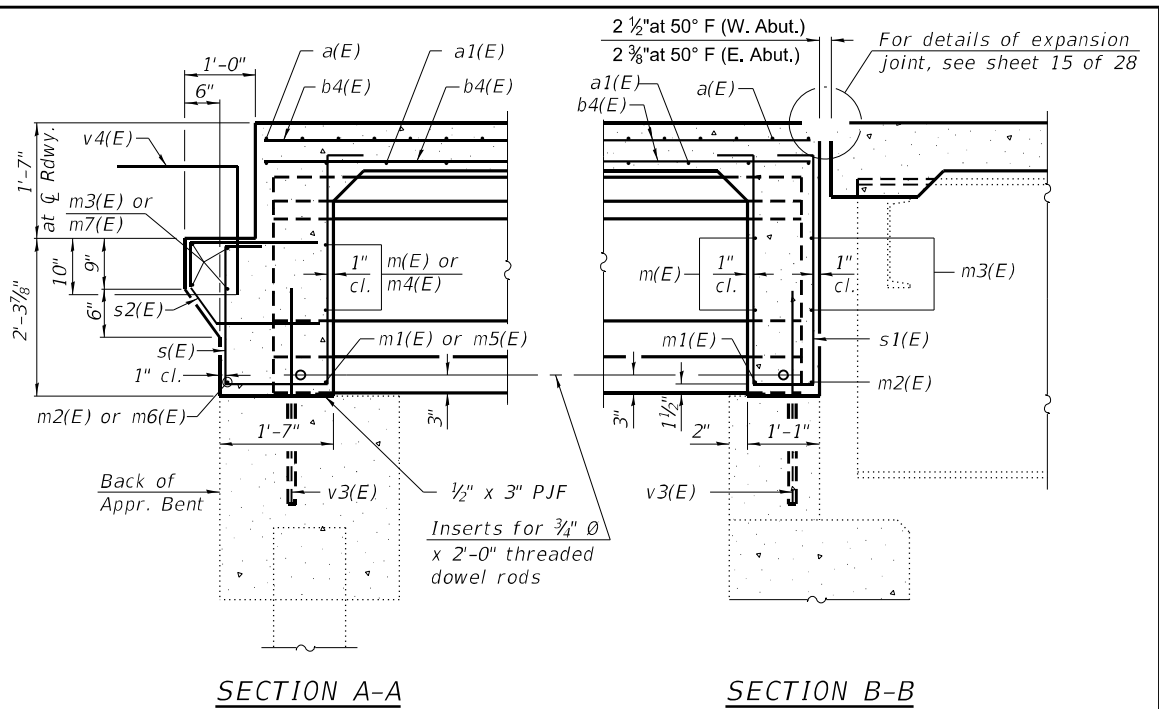
**SUPERSTRUCTURE DETAILS
STRUCTURE NO. 068-0040**

SHEET 8 OF 28 SHEETS

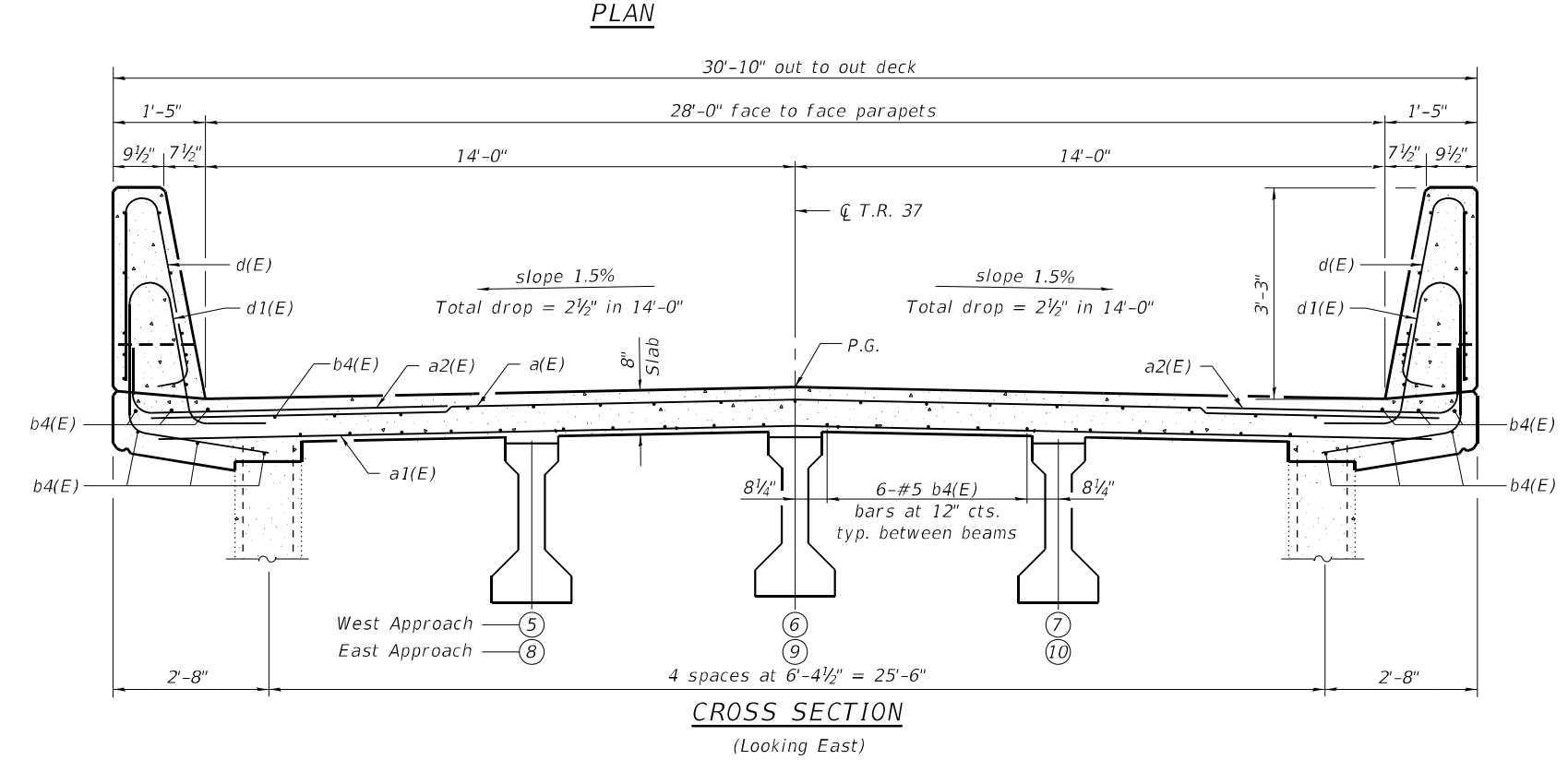
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CONTRACT NO. 72G54				
ILLINOIS FED. AID PROJECT				



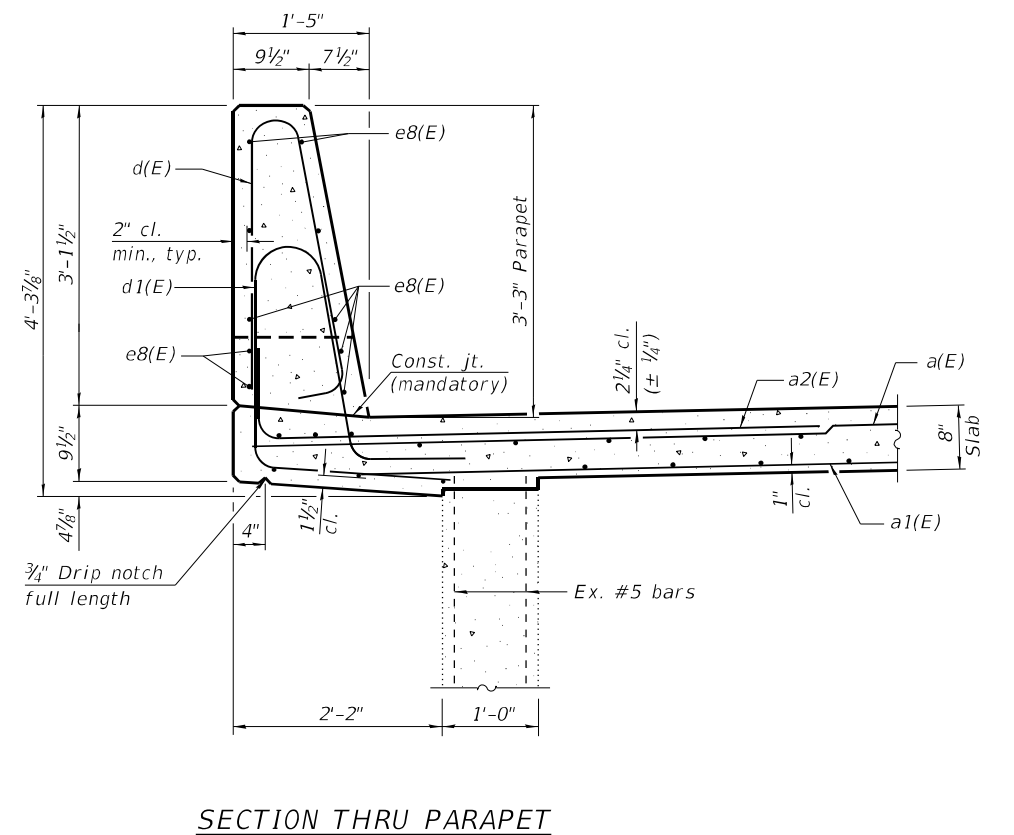
INSIDE ELEVATION OF PARAPET
(Two per approach spans)



Notes:
For details of reinforcement and Bill of Material for West Approach see sheet 10 of 28.
For details of reinforcement and Bill of Material for East Approach see sheet 11 of 28.



CROSS SECTION
(Looking East)



SECTION THRU PARAPET

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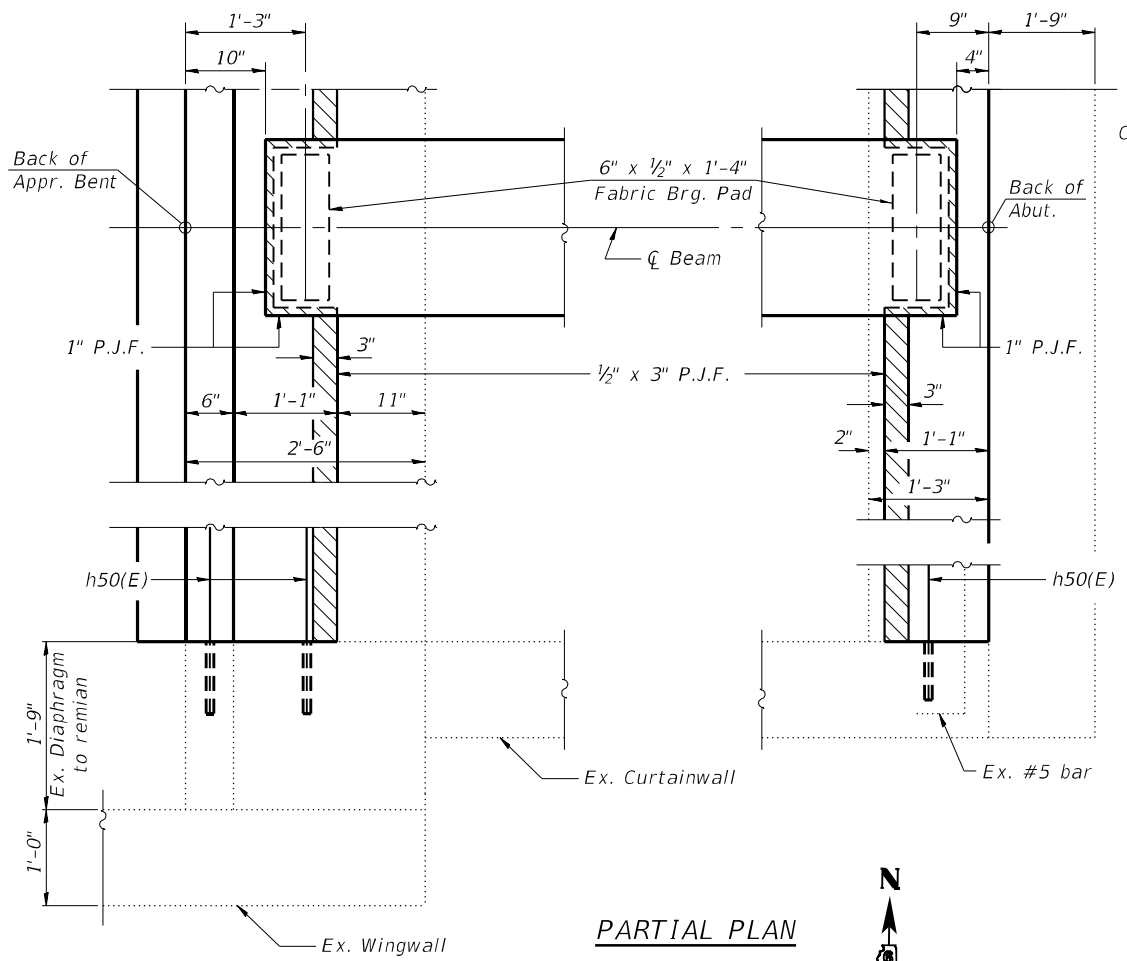
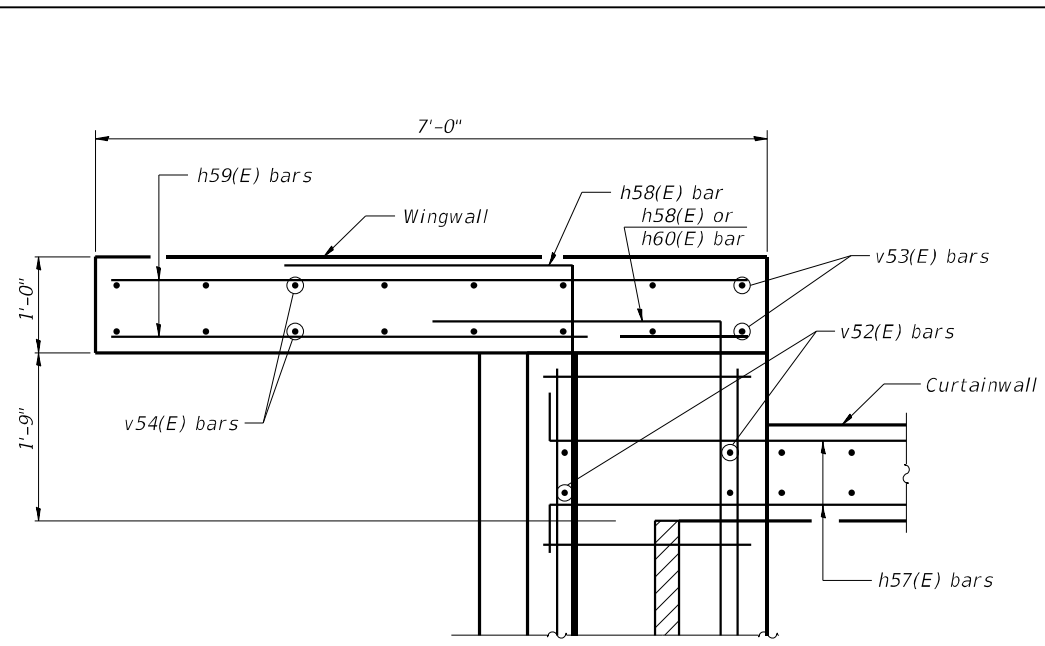
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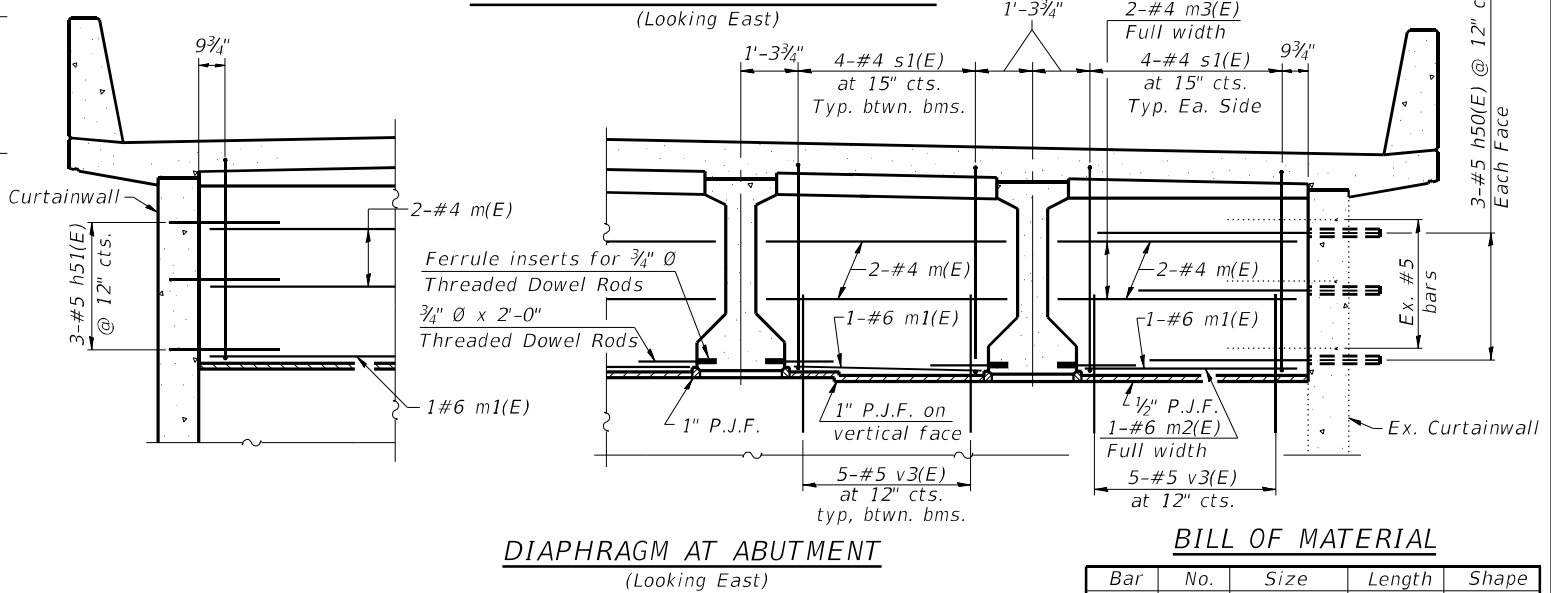
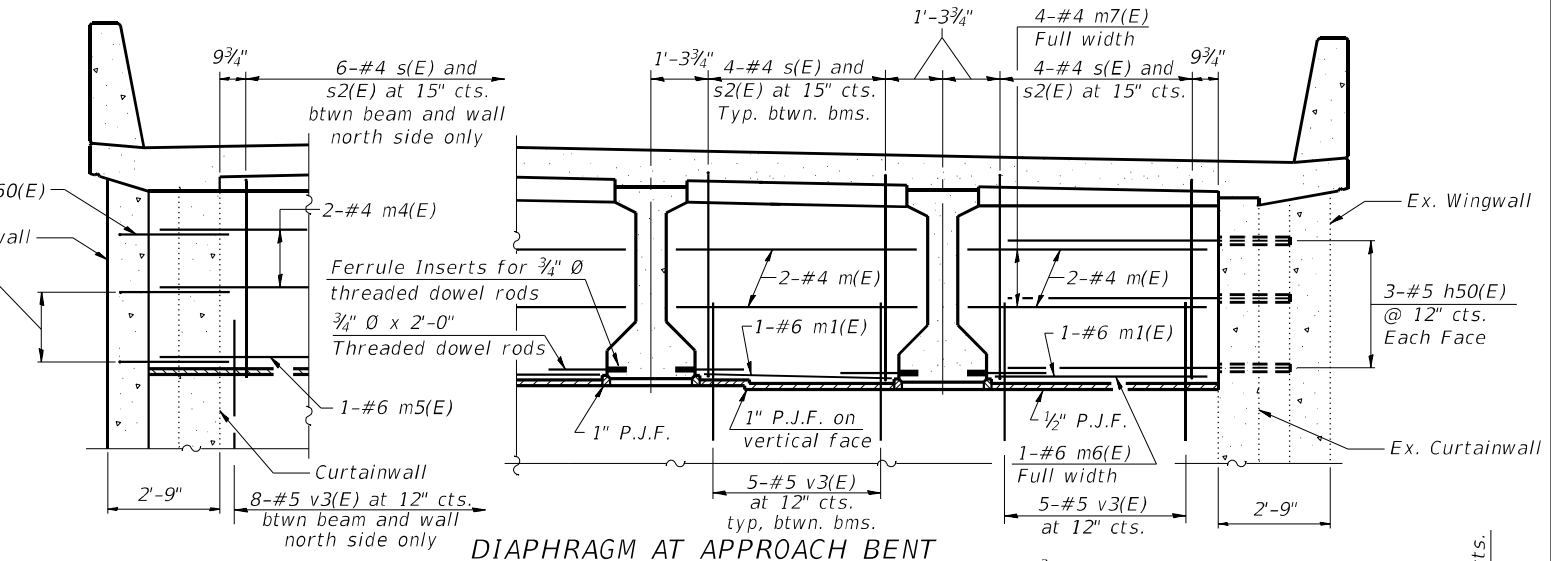
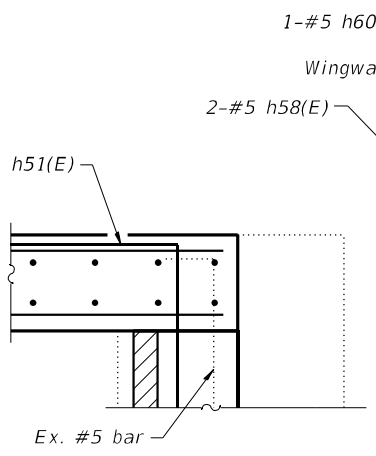
**VAULTED ABUTMENT APPROACH SPANS
STRUCTURE NO. 068-0040**

SHEET 9 OF 28 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	(68-4RS1-BY, 68-5HB)D, 68-3RS5	MONTGOMERY	192	92
CONTRACT NO. 72G54				
ILLINOIS FED. AID PROJECT				



Notes:
 For details of reinforcement, see sheet 11 of 28.
 See Sheets 25-26 of 28 for abutment, wingwall, and curtainwall reinforcement details.



BILL OF MATERIAL

Bar	No.	Size	Length	Shape
a(E)	52	#5	30'-6"	—
a1(E)	34	#5	28'-0"	—
a2(E)	104	#6	8'-4"	└
b4(E)	64	#5	27'-8"	—
d(E)	84	#5	6'-5"	└
d1(E)	84	#5	8'-8"	└
e8(E)	20	#4	27'-8"	—
m(E)	14	#4	5'-6"	—
m1(E)	7	#6	4'-6"	—
m2(E)	1	#6	24'-2"	—
m3(E)	2	#4	24'-2"	—
m4(E)	2	#4	7'-1"	—
m5(E)	1	#6	7'-1"	—
m6(E)	1	#6	25'-11"	—
m7(E)	4	#4	25'-11"	—
s(E)	18	#4	7'-7"	└
s1(E)	16	#4	8'-3"	└
s2(E)	18	#4	4'-2"	└
v3(E)	43	#5	3'-0"	—
v4(E)	25	#5	3'-5"	└
Reinforcement Bars, Epoxy Coated		Pound	8,240	
Concrete Superstructure		Cu. Yd.	39.9	
Bar Splicers		Each	28	

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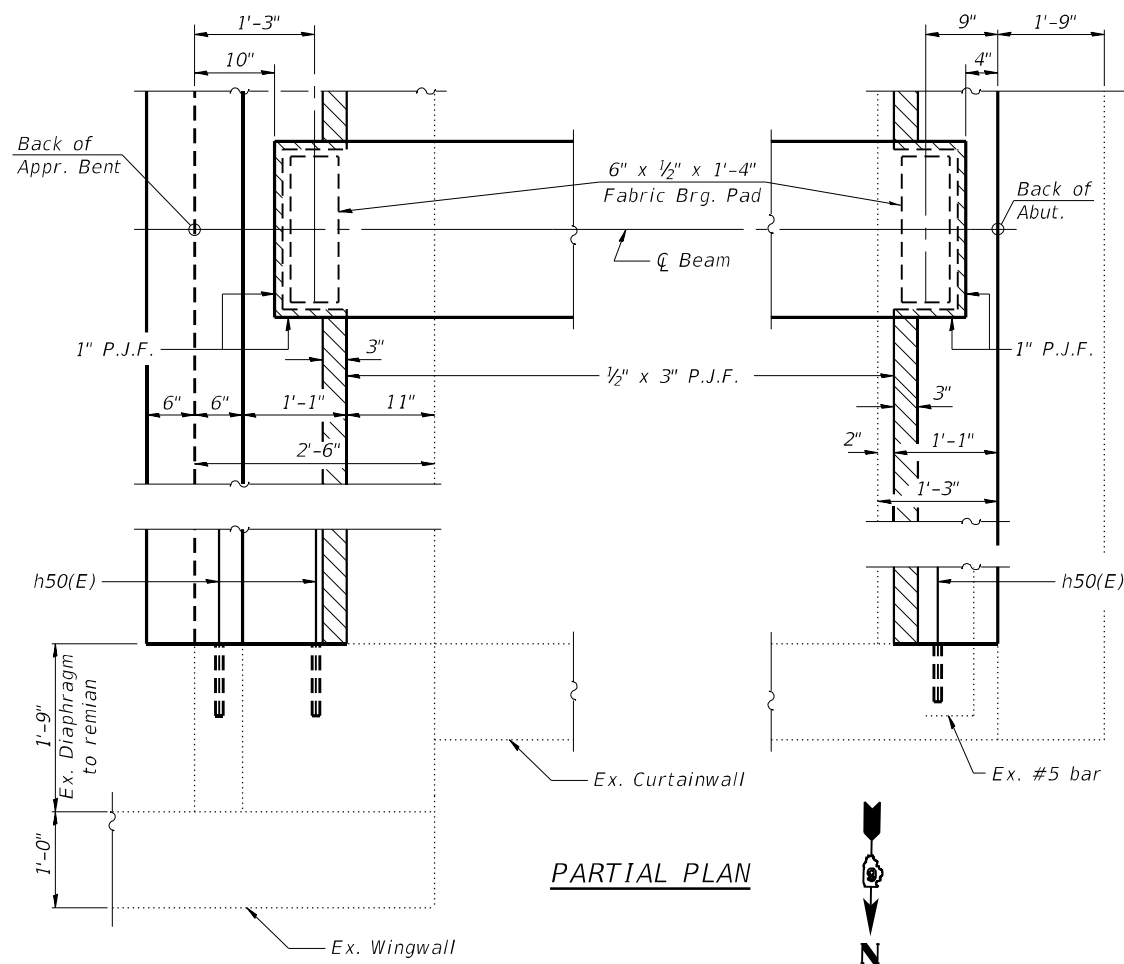
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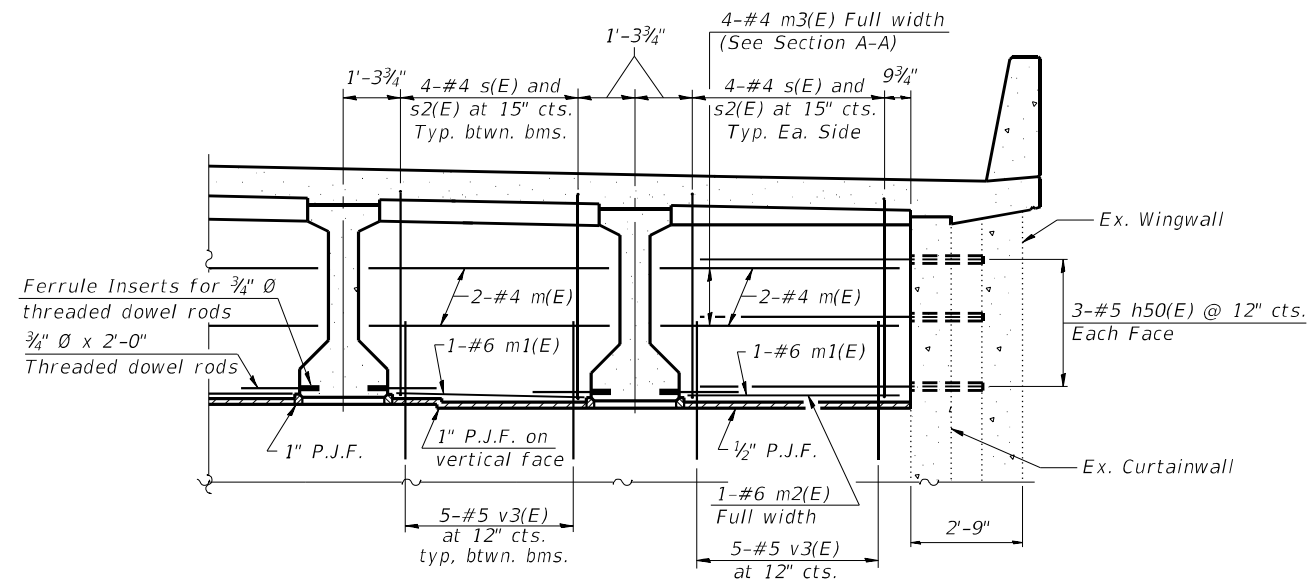
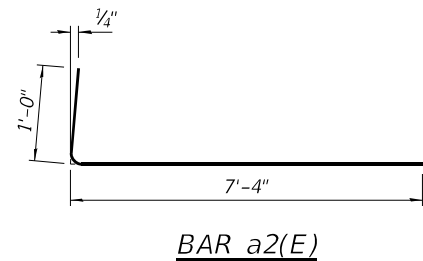
**STATE OF ILLINOIS
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**WEST VAULTED ABUTMENT APPROACH SPAN DETAILS
 STRUCTURE NO. 068-0040**

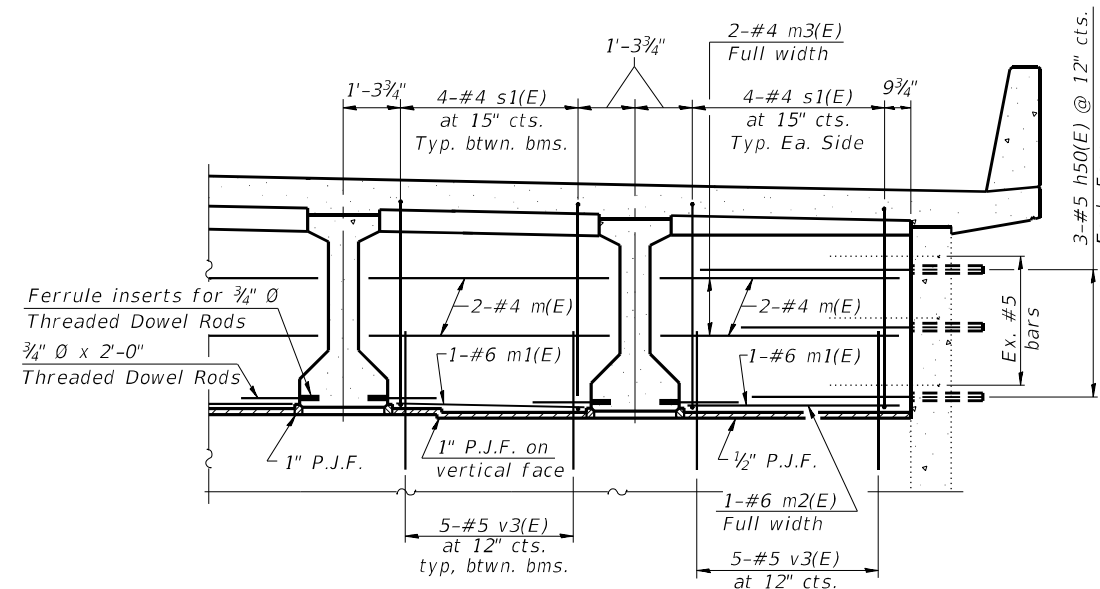
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CONTRACT NO. 72G54				
ILLINOIS FED. AID PROJECT				



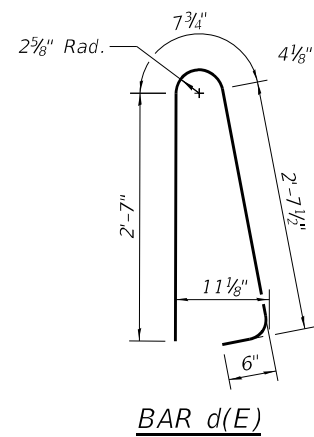
Notes:
See Sheets 25-26 of 28 for abutment, wingwall, and curtainwall reinforcement details.



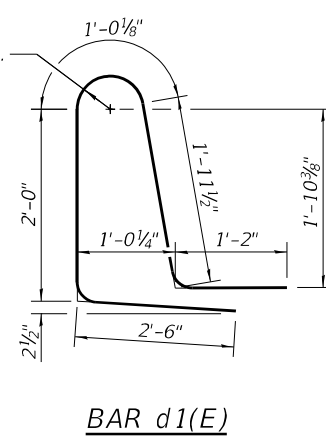
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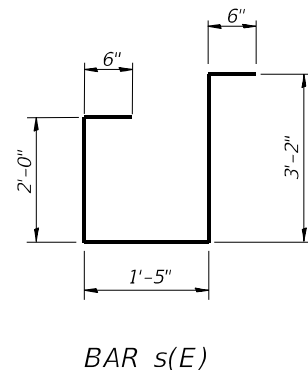
DIAPHRAGM AT ABUTMENT



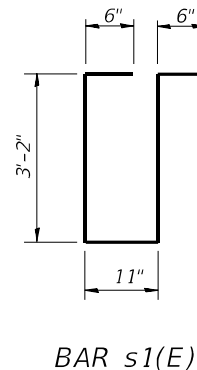
BAR d(E)



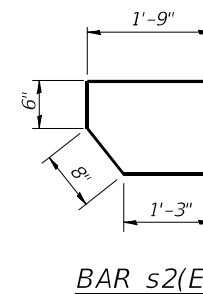
BAR d1(E)



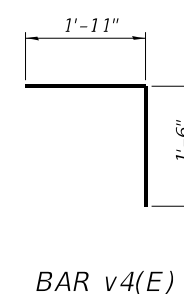
BAR s(E)



BAR s1(E)



BAR s2(E)



BAR v4(E)

BILL OF MATERIAL

Bar	No.	Size	Length	Shape
a(E)	52	#5	30'-6"	—
a1(E)	34	#5	28'-0"	—
a2(E)	104	#6	8'-4"	—
b4(E)	64	#5	27'-8"	—
d(E)	84	#5	6'-5"	U
d1(E)	84	#5	8'-8"	U
e8(E)	20	#4	27'-8"	—
m(E)	16	#4	5'-6"	—
m1(E)	8	#6	4'-6"	—
m2(E)	2	#6	24'-2"	—
m3(E)	6	#4	24'-2"	—
s(E)	16	#4	7'-7"	—
s1(E)	16	#4	8'-3"	—
s2(E)	16	#4	4'-2"	—
v3(E)	40	#5	3'-0"	—
v4(E)	25	#5	3'-5"	—
Reinforcement Bars, Epoxy Coated			Pound	8,200
Concrete Superstructure			Cu. Yd.	39.6
Bar Splicers			Each	28

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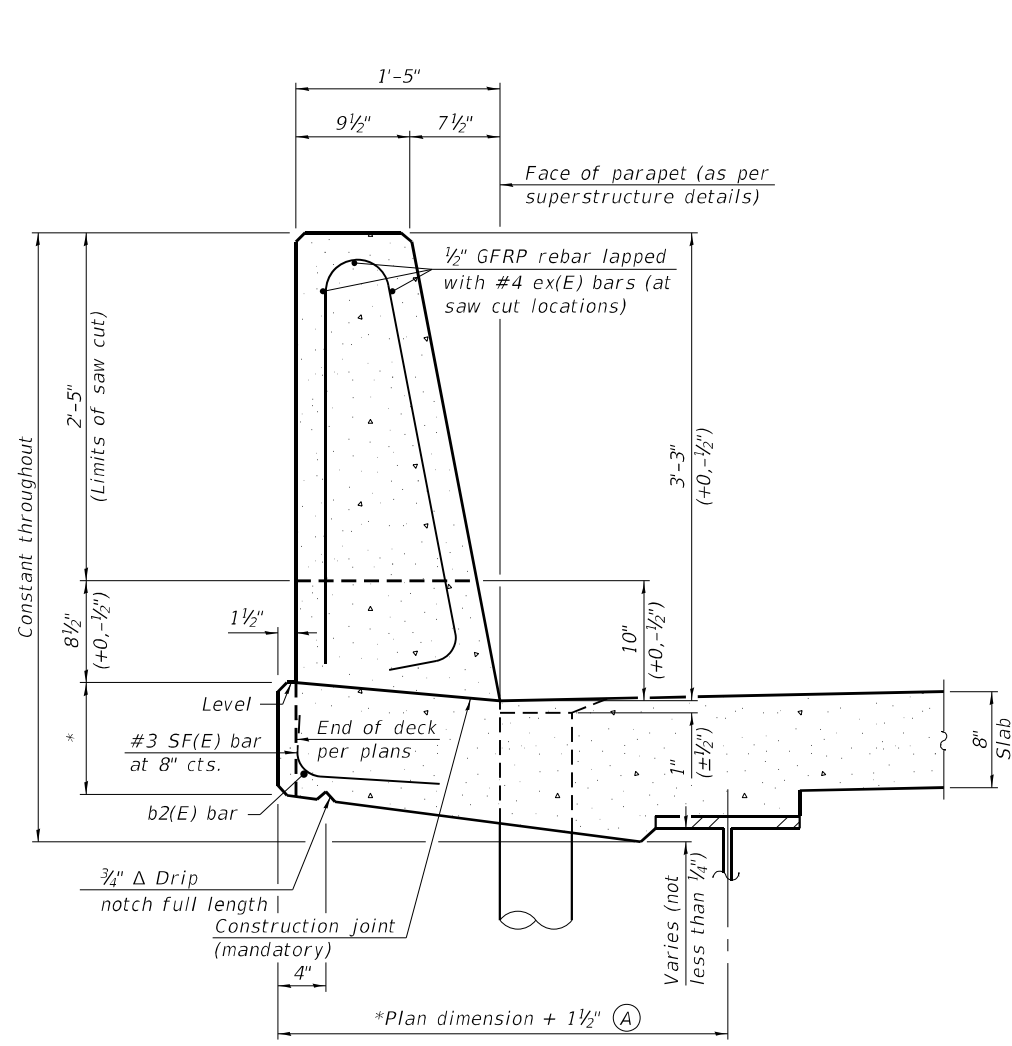
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DEPARTMENT OF TRANSPORTATION

EAST VAULTED ABUTMENT APPROACH SPAN DETAILS
STRUCTURE NO. 068-0040

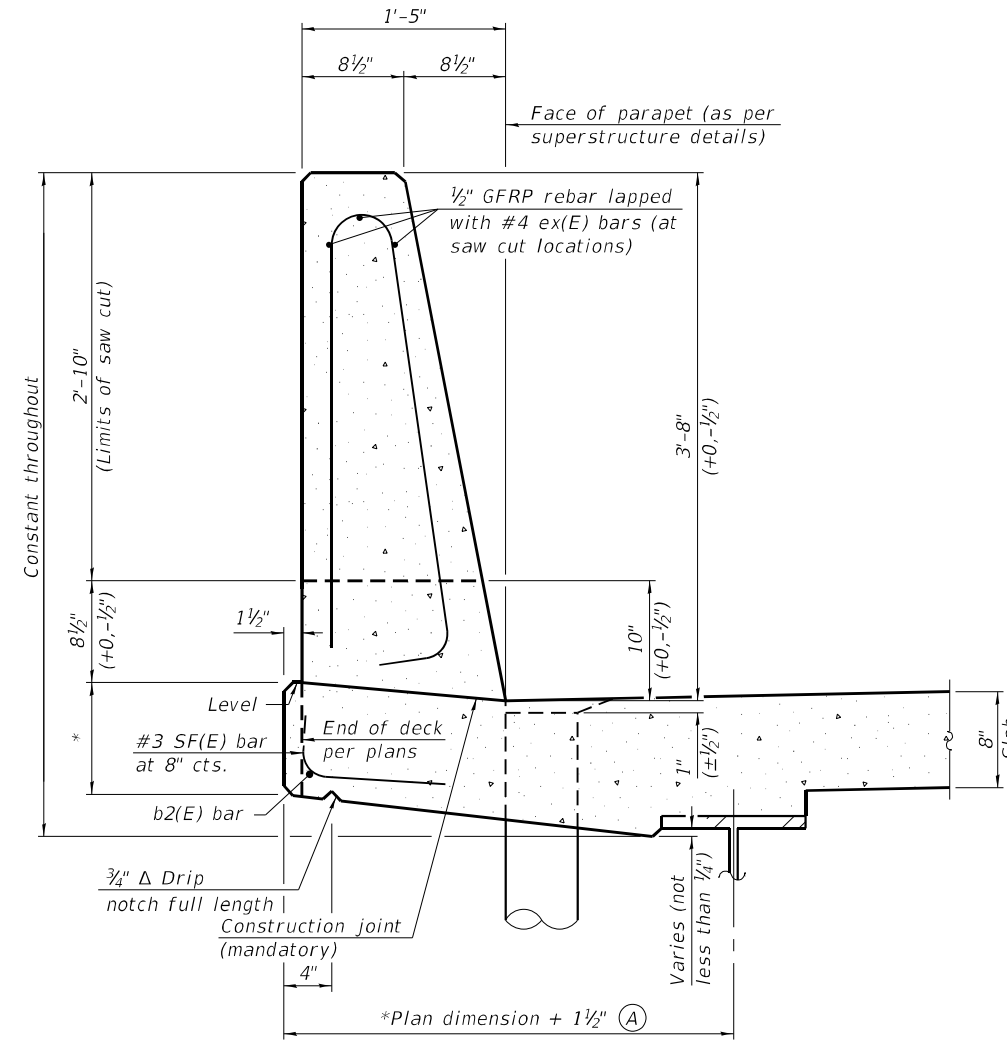
SHEET 11 OF 28 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	(68-IRS1-BY, 68-SHBJD, 68-3RS5)	MONTGOMERY	192	94
CONTRACT NO. 72G54				
ILLINOIS FED. AID PROJECT				



**39" CONSTANT-SLOPE
 PARAPET SECTION**

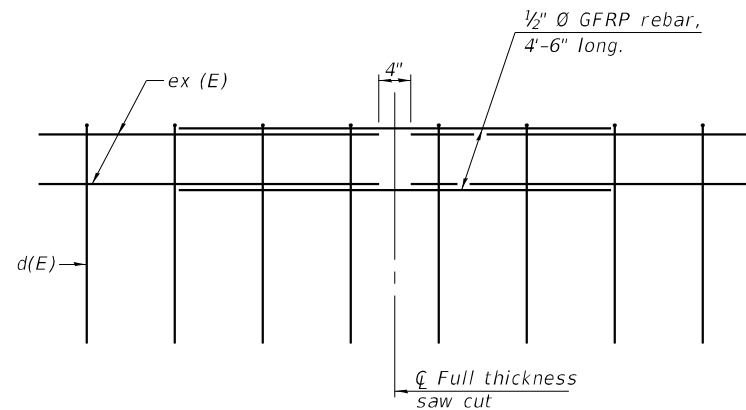
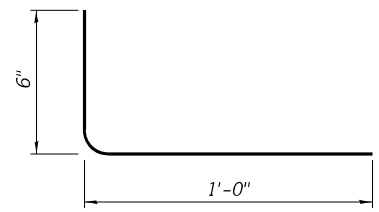
(Showing dimensions, d(E), and 1/2" Ø GFRP rebar)



**44" CONSTANT-SLOPE
 PARAPET SECTION**

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

*See Superstructure Details.



GFRP REBAR STIFFENING DETAIL

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

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

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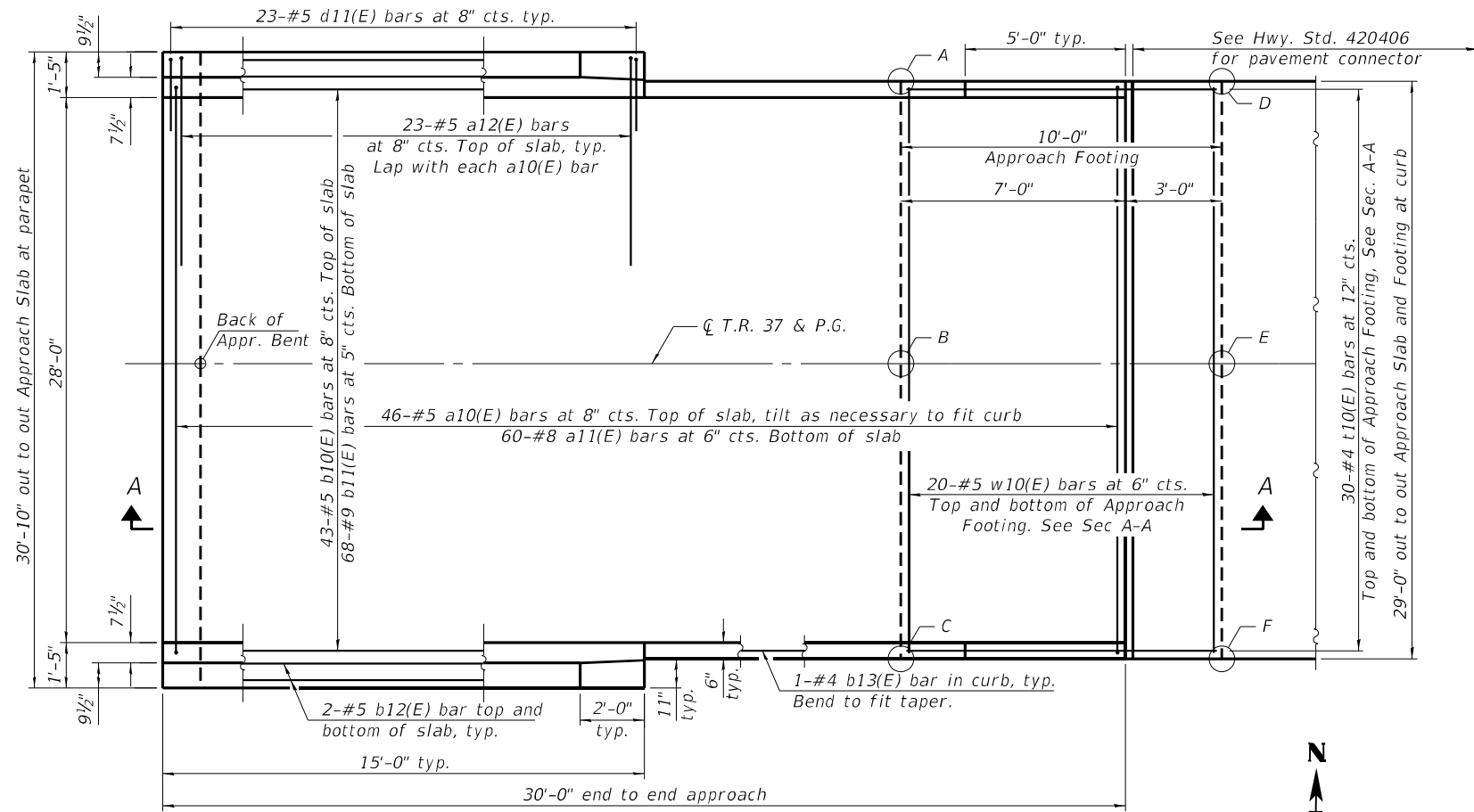
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**CONCRETE PARAPET SLIPFORMING OPTION
 STRUCTURE NO. 068-0040**

SHEET 12 OF 28 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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CONTRACT NO. 72G54				
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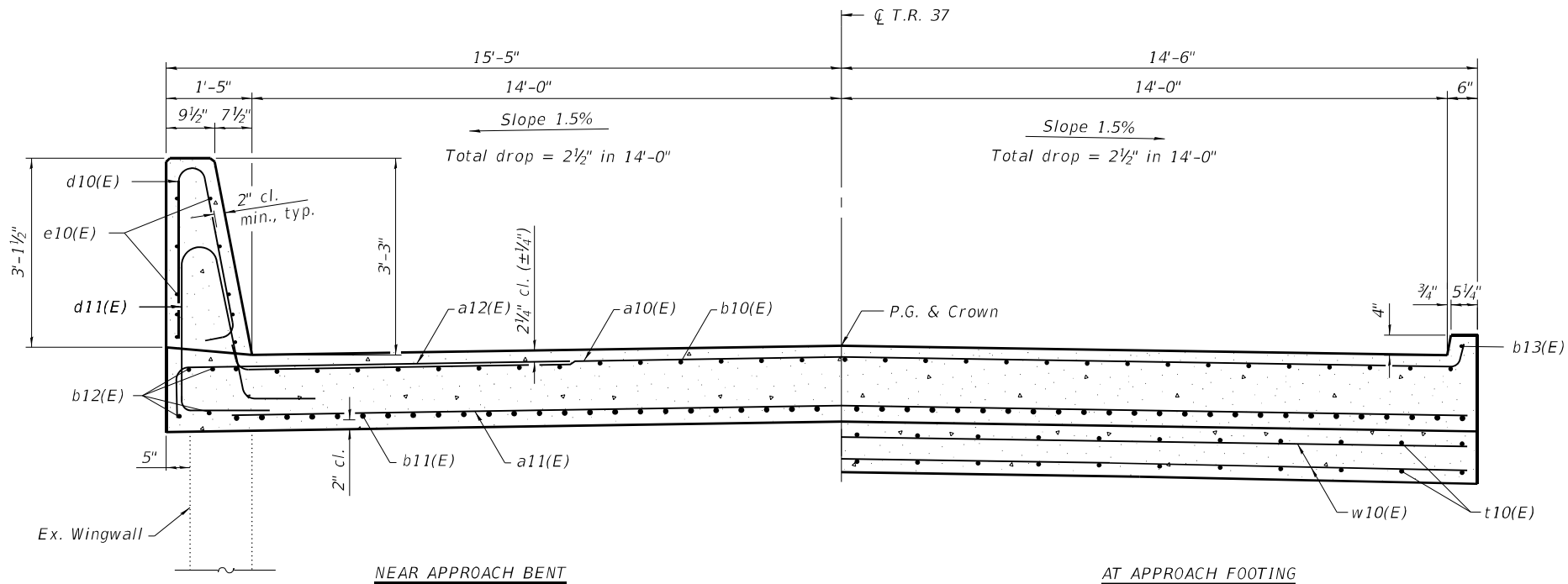
PLAN

(East approach slab shown; West approach slab similar by 180° rotation)

TOP AND BOTTOM ELEVATIONS FOR APPROACH FOOTING

West Approach			East Approach		
Point/Location	Top	Bottom	Point/Location	Top	Bottom
A - 47+80.63/14.5' RT	652.65	651.82	A - 51+71.79/14.5' LT	653.51	652.68
B - 47+80.63/CL	652.87	652.03	B - 51+71.79/CL	653.73	652.89
C - 47+80.63/14.5' LT	652.65	651.82	C - 51+71.79/14.5' RT	653.51	652.68
D - 47+70.63/14.5' RT	652.49	651.66	D - 51+81.79/14.5' LT	653.39	652.56
E - 47+70.63/CL	652.71	651.87	E - 51+81.79/CL	653.61	652.78
F - 47+70.63/14.5' LT	652.49	651.66	F - 51+81.79/14.5' RT	653.39	652.56

Notes:
See Sheet 14 of 28 for parapet elevation and Section A-A.
See Sheet 14 of 28 for additional details and Bill of Material.



CROSS SECTION

(Looking East)

AT APPROACH FOOTING

(Sheet 1 of 2)

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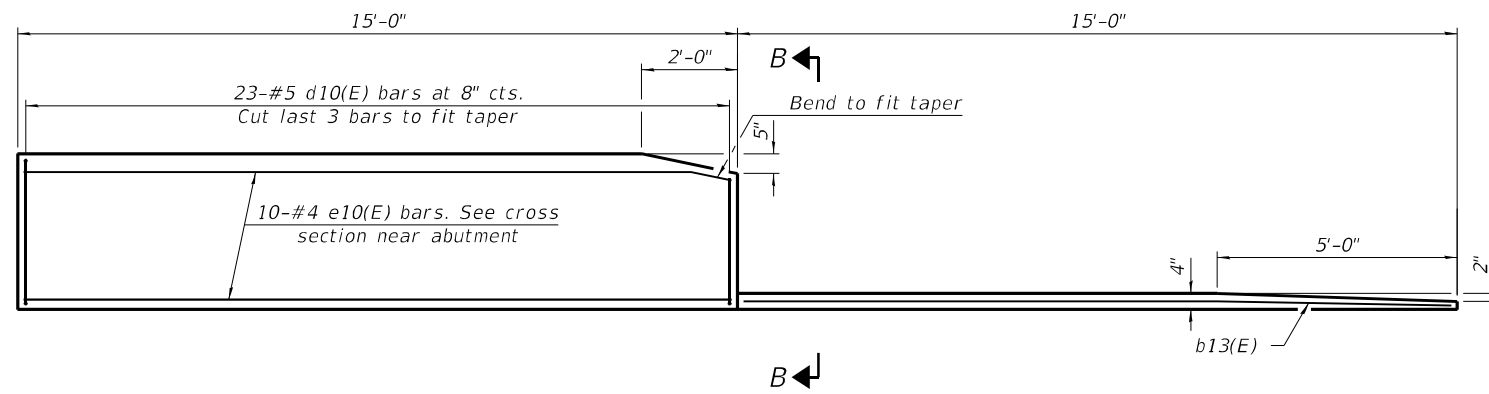
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

BRIDGE APPROACH SLAB DETAILS
STRUCTURE NO. 068-0040

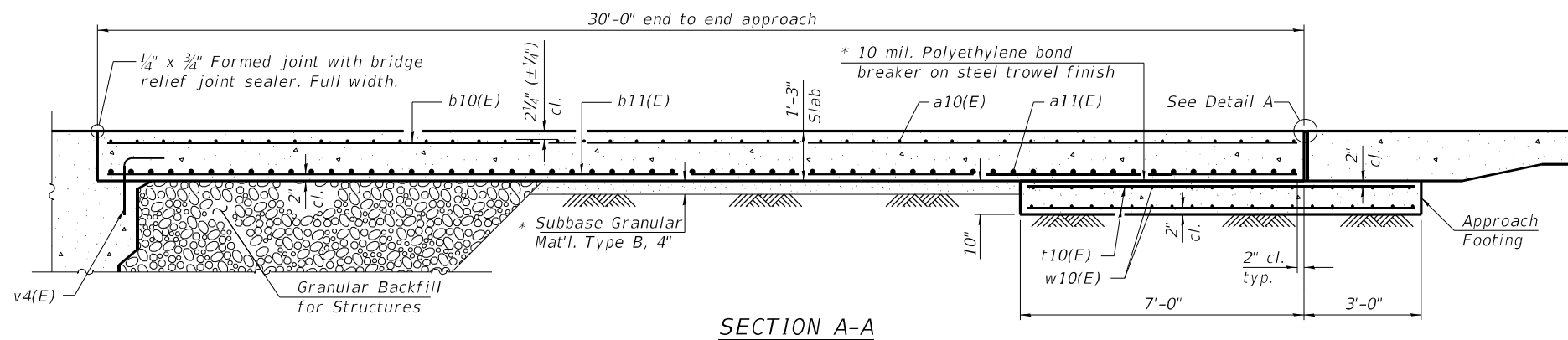
SHEET 13 OF 28 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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CONTRACT NO. 72G54				

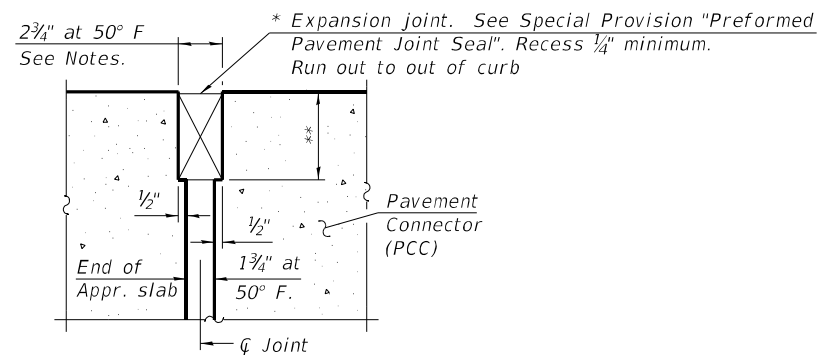
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INSIDE ELEVATION OF PARAPET AND CURB



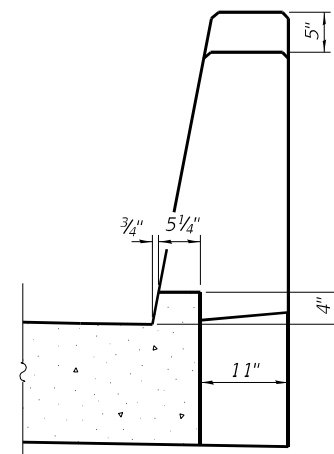
SECTION A-A



DETAIL A

* Cost included with Concrete Superstructure (Approach Slab).

** Per manufacturer recommendations



VIEW B-B

Notes:

The joint opening shall be adjusted for temperature per Article 520.04 of the Standard Specifications. The length of bridge used to calculate the adjustment shall be equal to the PPC beam span plus the approach slab.

Parapet concrete shall be paid for as Concrete Superstructure.

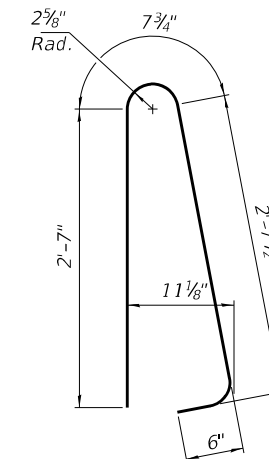
Approach slab shall be paid for as Concrete Superstructure (Approach Slab).

Approach footing concrete shall be paid for as Concrete Structures.

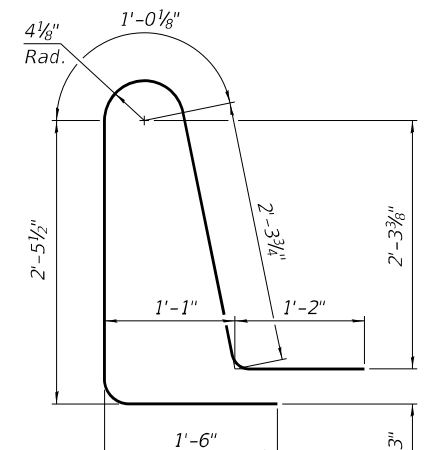
The approach footing maximum applied service bearing pressure (Qmax) = 2.0 ksf.

Cost of excavation for approach footing included with Concrete Structures.

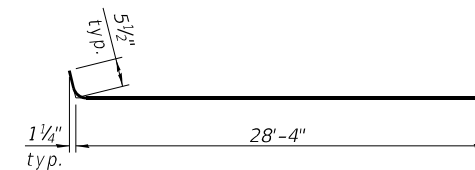
For Granular Backfill for Structures and drainage treatment details, see sheet 2 of 28.



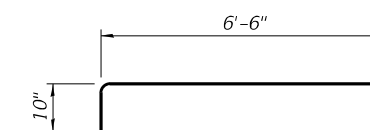
BAR d10(E)



BAR d11(E)



BAR a10(E)



BAR a12(E)

TWO APPROACHES
BILL OF MATERIAL

Bar	No.	Size	Length	Shape
a10(E)	92	#5	29'-3"	—
a11(E)	120	#8	28'-8"	—
a12(E)	92	#5	7'-4"	—
b10(E)	86	#5	29'-8"	—
b11(E)	136	#9	29'-8"	—
b12(E)	16	#5	14'-8"	—
b13(E)	4	#4	14'-8"	—
d10(E)	92	#5	6'-5"	⤴
d11(E)	92	#5	8'-6"	⤴
e10(E)	40	#4	14'-8"	—
t10(E)	120	#4	9'-8"	—
w10(E)	80	#5	28'-8"	—
Concrete Superstructure		Cu. Yd.	7.8	
Concrete Superstructure (Approach Slab)		Cu. Yd.	83.6	
Concrete Structures		Cu. Yd.	17.9	
Reinforcement Bars, Epoxy Coated		Pound	34,350	

(Sheet 2 of 2)

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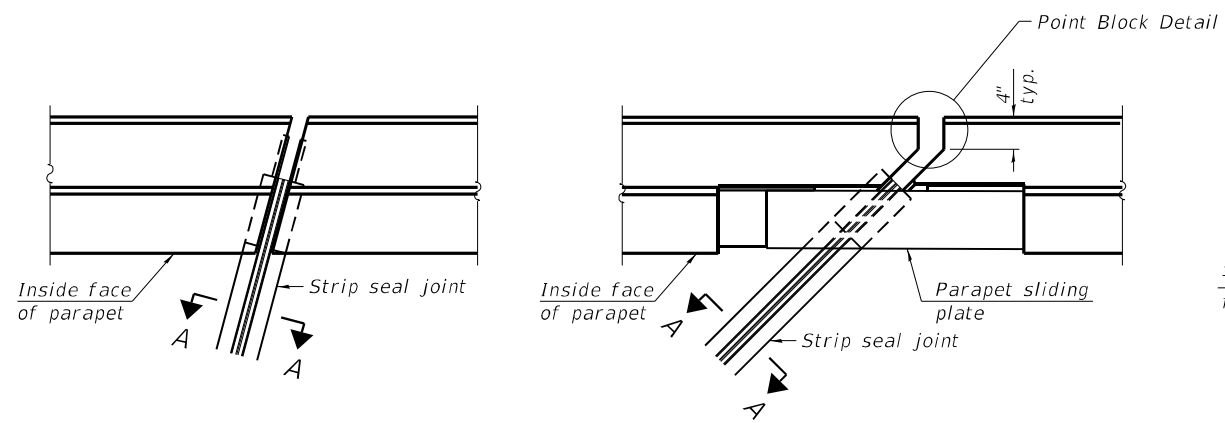
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

BRIDGE APPROACH SLAB DETAILS
STRUCTURE NO. 068-0040

SHEET 14 OF 28 SHEETS

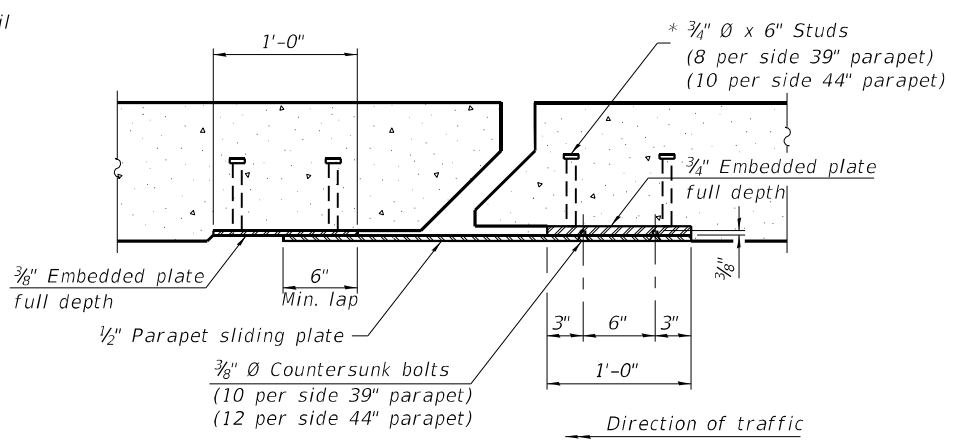
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CONTRACT NO. 72G54				
ILLINOIS		FED. AID PROJECT		



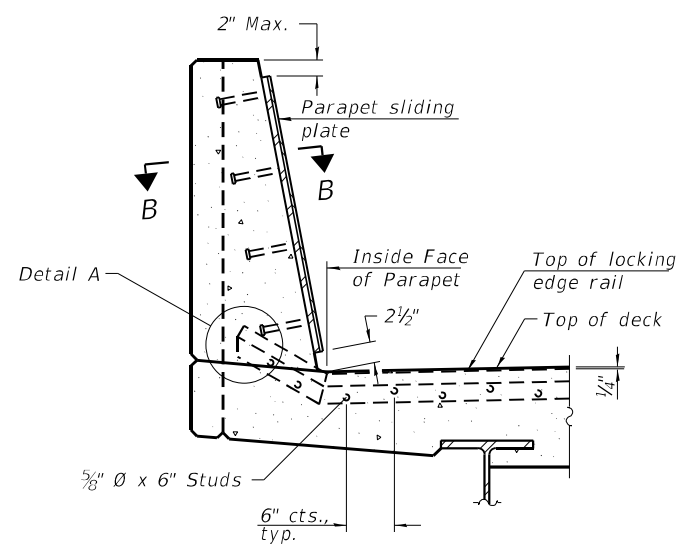
FOR SKEWS ≤ 30°

FOR SKEWS > 30°

PLAN AT PARAPET

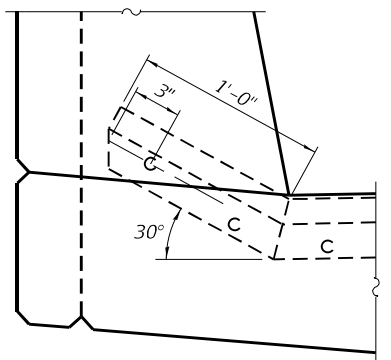


SECTION B-B

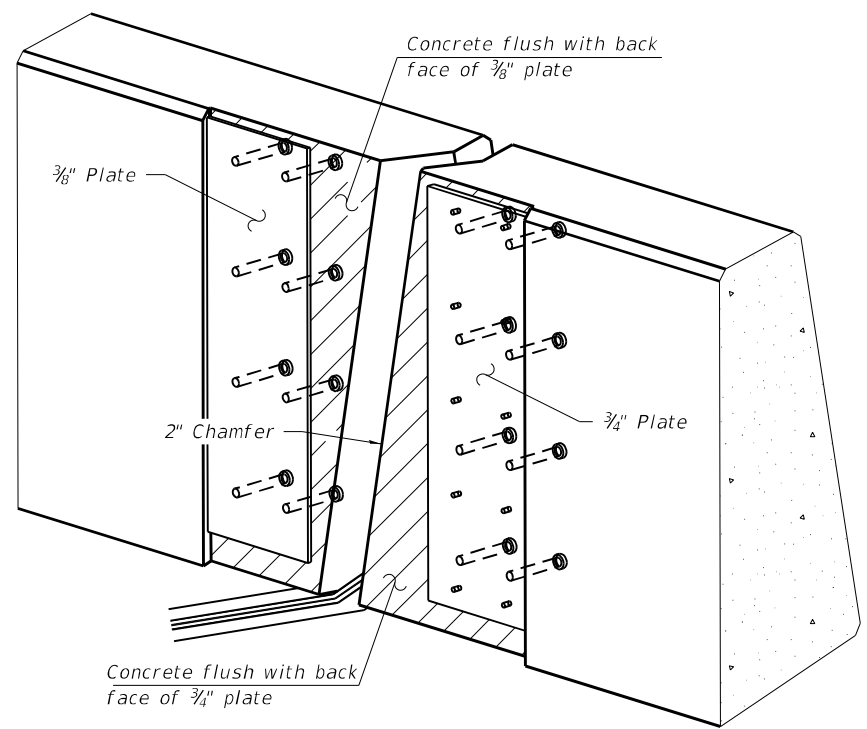


SECTION AT PARAPET

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

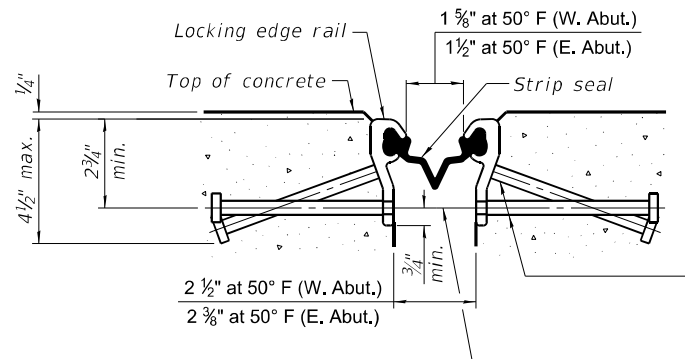


DETAIL A



TRIMETRIC VIEW

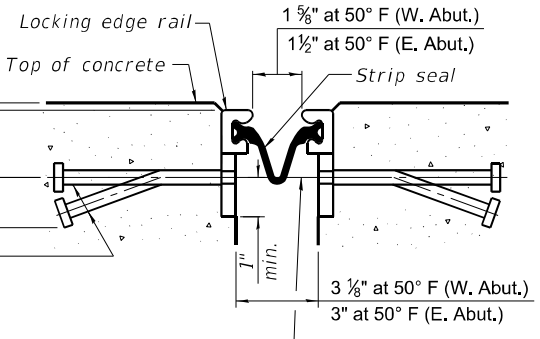
(Showing embedded plates only)



SHOWING ROLLED RAIL JOINT

* 5/8" Ø x 6" studs @ 6" cts. (alternate angled/bent studs with horizontal studs)

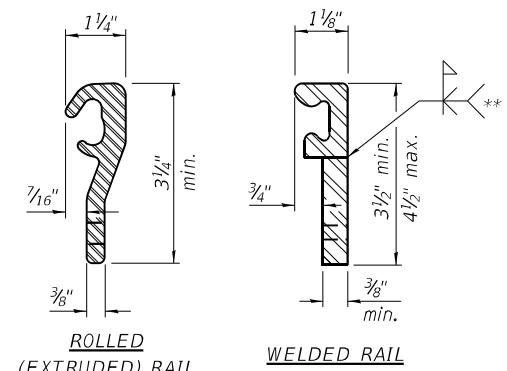
3/8" φ threaded rods in 1/16" φ holes at ±4'-0" cts. for holding the proper joint opening based on the temperature during the deck pour. Place to miss studs. All rods shall be burned, or sawed off flush with the plates after concrete is set.



SHOWING WELDED RAIL JOINT

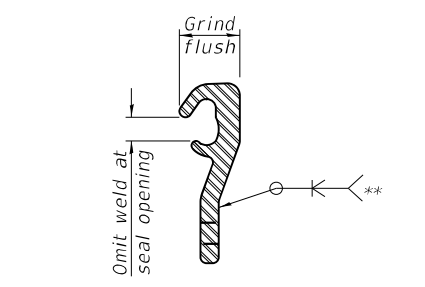
SECTION A-A

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



LOCKING EDGE RAILS

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



LOCKING EDGE RAIL SPLICE

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

BILL OF MATERIAL

Item	Unit	Total
Preformed Joint Strip Seal	Foot	60

Notes:
 The strip seal shall be made continuous and shall have a minimum thickness of 1/4". The configuration of the strip seal shall match the configuration of the locking edge rails. Open or "webbed" strip seal gland configurations are not permitted. The gland shall be sized for a maximum rated movement of 4 inches.
 The locking edge rails depicted are configured for typical applications and are conceptual only. The actual configuration of the locking edge rails and matching strip seal may vary from manufacturer to manufacturer provided they fit the application and meet the minimum anchorage shown. Flanged edge rails, however, will not be allowed. Locking edge rails may exceed the 4 1/2" maximum depth provided the anchorage system is revised according to the manufacturer's recommendation.
 The manufacturer's recommended installation methods shall be followed.
 All steel components shall be galvanized after fabrication according to Article 520.03 of the Standard Specifications.
 The Maximum space between locking edge rail segments shall be 3/16" and sealed with a suitable sealant; however, any rail joint within 10' measured perpendicular to the face of the curb or parapet shall be welded as shown in the locking edge rail splice detail.
 Cost of parapet sliding plates, embedded plates, and anchorage studs included with Preformed Joint Strip Seal.
 39" constant slope barrier shown, 44" constant slope barrier similar as noted.
 The concrete opening below the strip seal will vary based on the locking edge rail chosen by the Contractor. Deck and parapet lengths shown elsewhere in the plans are dimensioned to the concrete opening, not the joint opening, and are based on the rolled locking edge rail. If the Contractor elects to use a different locking edge rail, dimensional adjustments may be required. One exception to this would be the strip seal joint at the end of the precast bridge approach slab. For these cases the pavement connector length shall be adjusted, not the length of the bridge approach slab.

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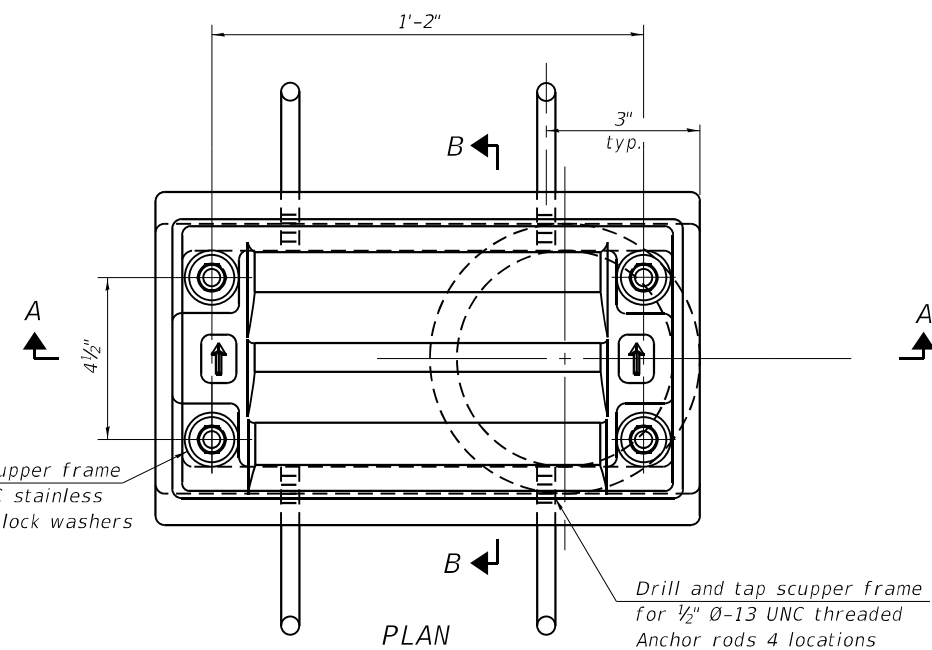
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PREFORMED JOINT STRIPSEAL
 STRUCTURE NO. 068-0040

SHEET 15 OF 28 SHEETS

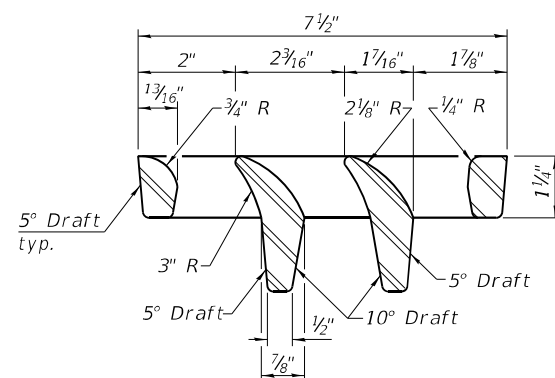
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CONTRACT NO. 72G54				
ILLINOIS FED. AID PROJECT				



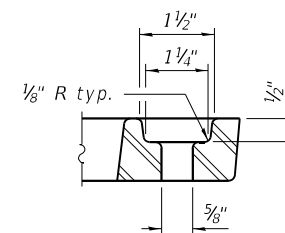
Drill and tap scupper frame for 1/2" Ø-13 UNC stainless steel bolts with lock washers 4 locations

Drill and tap scupper frame for 1/2" Ø-13 UNC threaded Anchor rods 4 locations

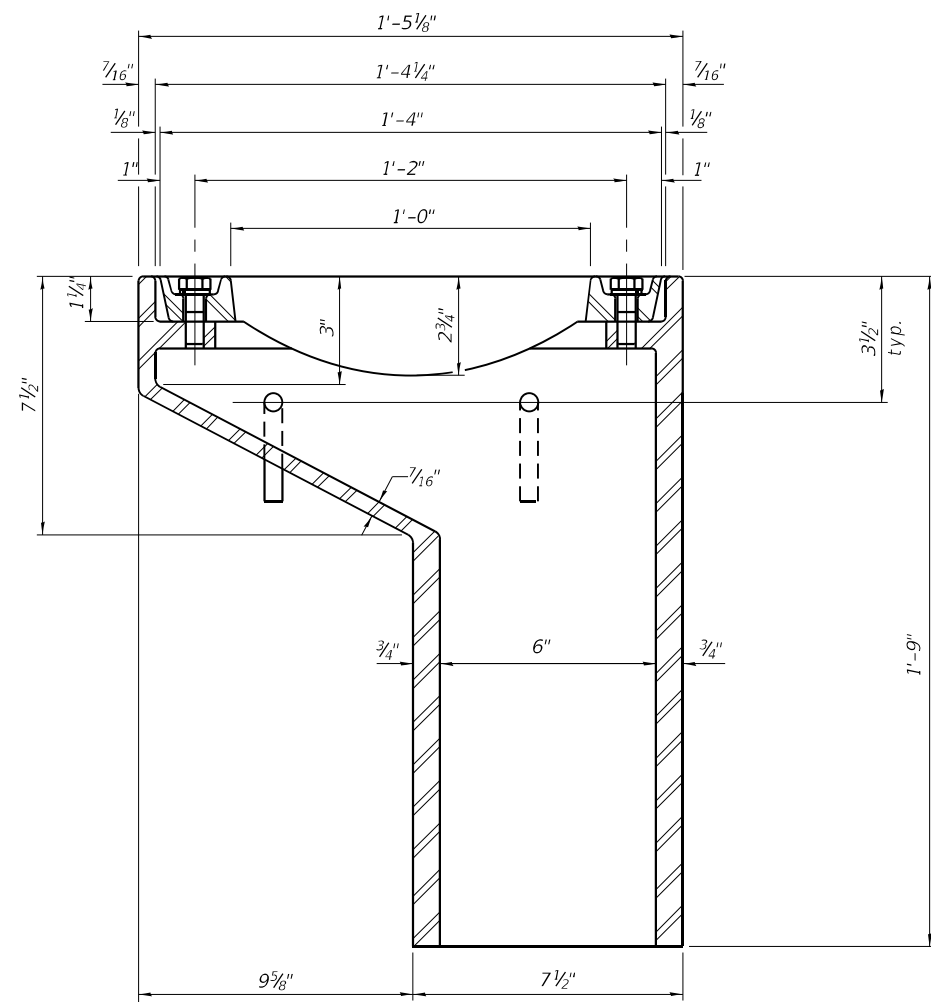
PLAN



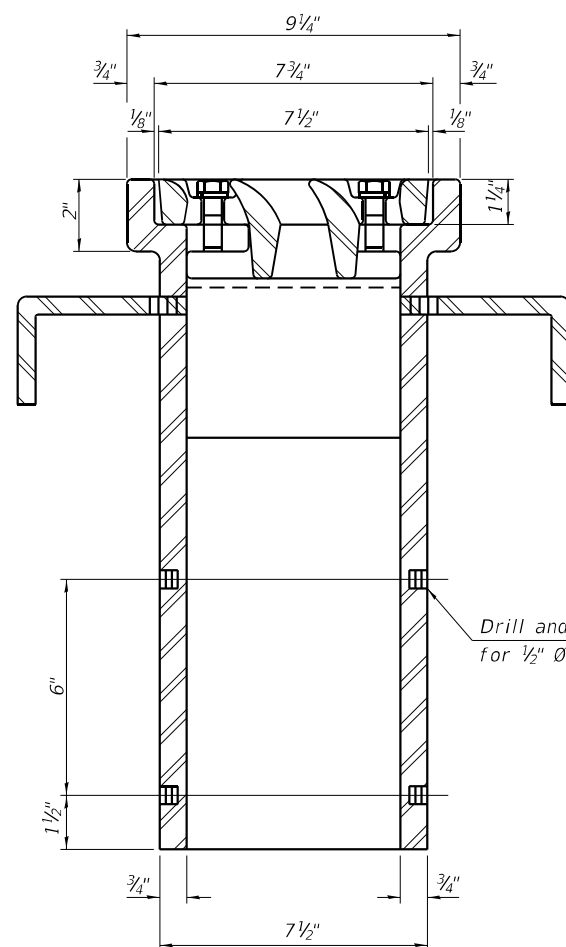
VANE GRATE DETAIL



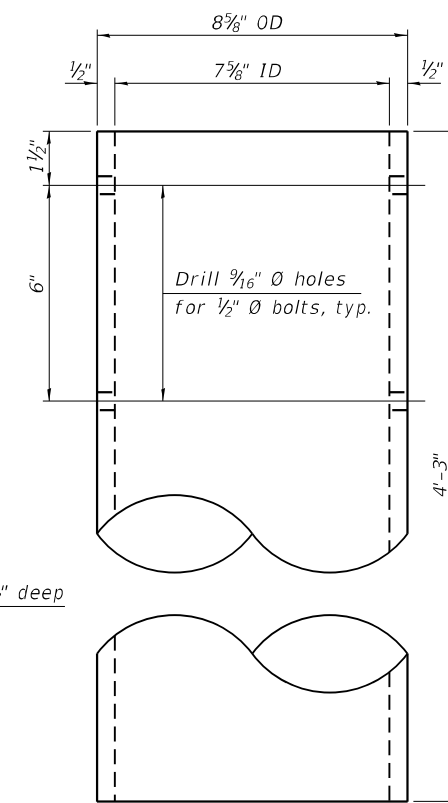
GRATE BOLT HOLE DETAIL



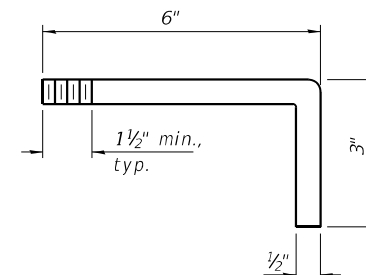
SECTION A-A
See sheet 8 of 28 for scupper location relative to parapet.



SECTION B-B



DOWNSPOUT



ANCHOR ROD DETAIL

Notes:
 All cast iron parts shall be gray iron conforming to the requirements of AASHTO M105, Class 35B and AASHTO M306.
 Bolts, anchor rods, nuts and washers shall be according to ASTM A307 and shall be galvanized according to AASHTO M232. As an alternate stainless steel may be used.
 Stainless steel hardware shall be according to Article 1006.29(d) of the Standard Specifications.
 Structural steel weldments of equal sections and of the same configuration may be substituted for the cast iron scupper frames and downspouts; however, the scupper grates shall remain cast iron. Fillet or full penetration welds shall be used for the weldments. Details shall be submitted to the Engineer for approval.
 Structural steel scupper frames and downspouts, when utilized, shall be galvanized according to AASHTO M111.
 As an alternate, fiberglass may be used for downspouts according to ASTM D2996 with a short-time rupture strength hoop tensile stress of 30,000 psi min. in lieu of the cast iron or structural steel.
 The Contractor shall take appropriate measures to assure that Protective Coat is not applied to the scupper.
 Cost of the grate, frame, downspout, anchor rods, nuts and washers including complete installation of the scupper shall be paid for at the contract unit price for Drainage Scupper, DS-11.

BILL OF MATERIAL

ITEM	UNIT	QUANTITY
Drainage Scupper, DS-11	Each	4

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DS-11
 1-1-2020
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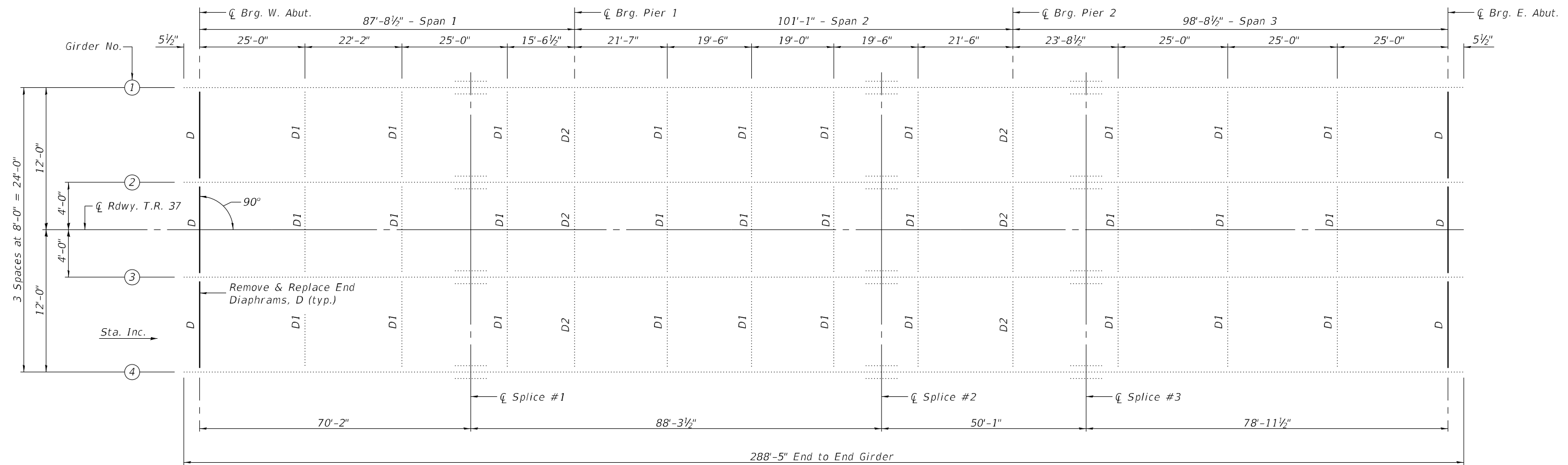
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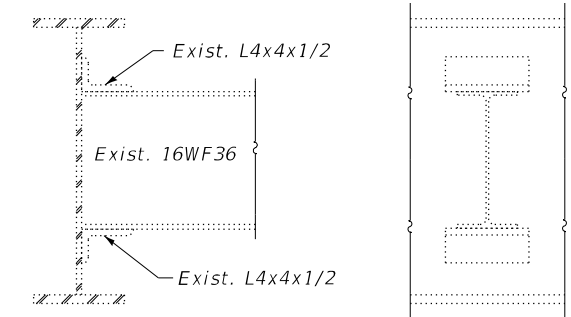
DRAINAGE SCUPPER, DS-11
 STRUCTURE NO. 068-0040

SHEET 16 OF 28 SHEETS

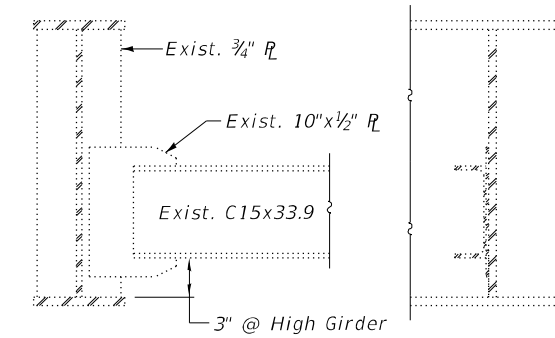
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CONTRACT NO. 72G54				
ILLINOIS FED. AID PROJECT				



EXISTING FRAMING PLAN



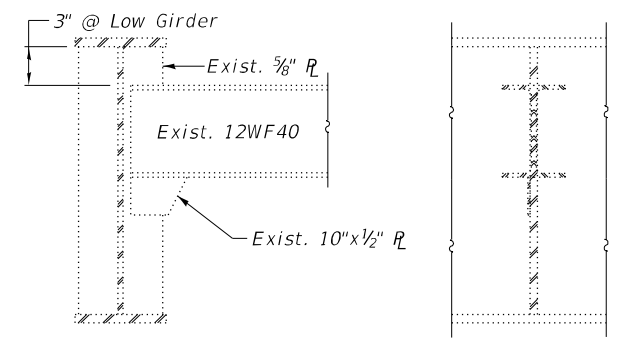
EXISTING DIAPHRAGM, D1
(for information only)



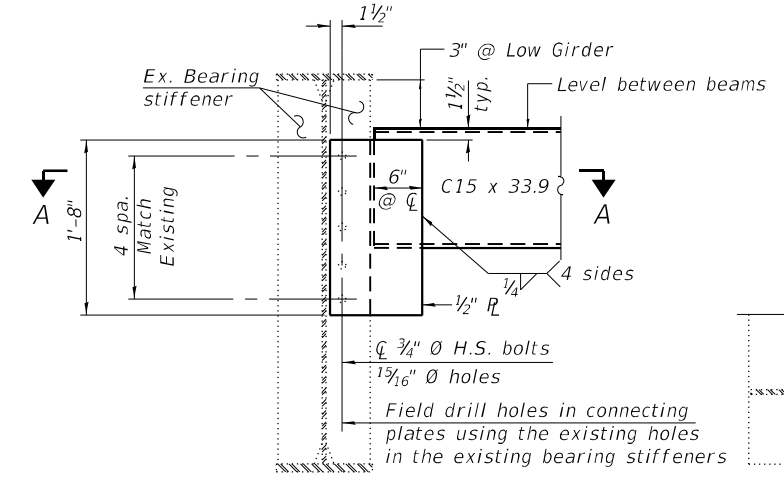
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(for information only)

BILL OF MATERIAL

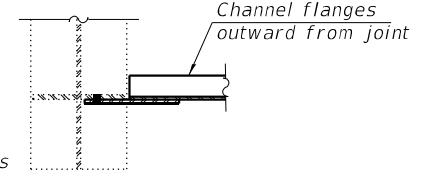
Item	Unit	Total
Structural Steel Removal	Pound	2,038
Furnishing and Erecting Structural Steel	Pound	1,900



EXISTING END DIAPHRAGM, D



END DIAPHRAGM REPAIR DETAIL
(6 each)



SECTION A-A

Note:
Two hardened washers required for each set of oversized holes.
New C15x33.9 diaphragms and connecting plates shall be hot-dipped galvanized.

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**FRAMING PLAN
STRUCTURE NO. 068-0040**

SHEET 17 OF 28 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	(68-IRS1-BY, 68-5HB)D, 68-3RS5	MONTGOMERY	192	100
CONTRACT NO. 72G54				
ILLINOIS FED. AID PROJECT				