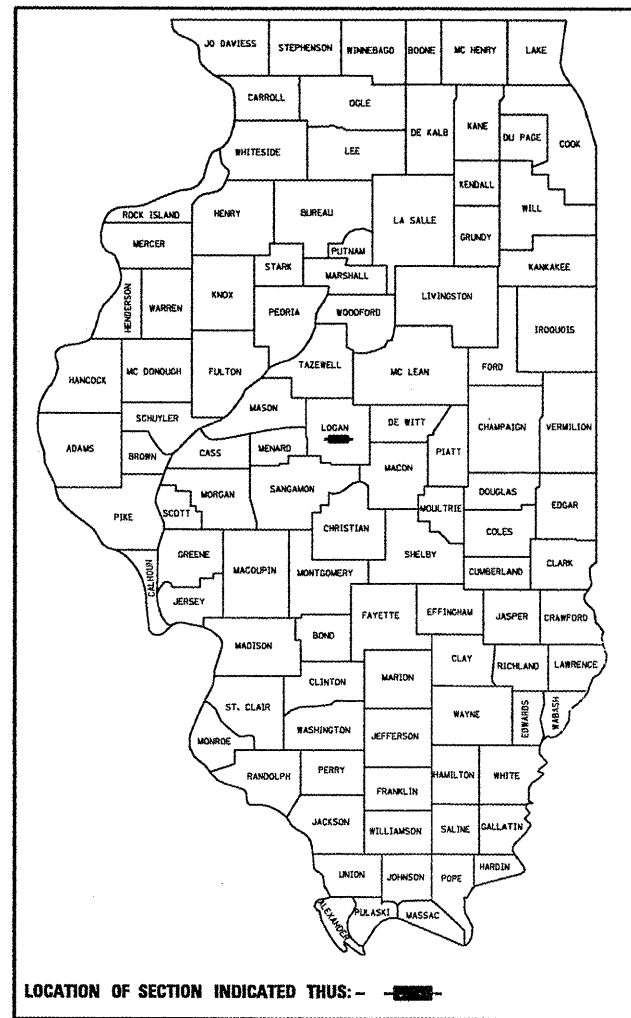


F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	D6 LOGAN CO BR 2011	LOGAN	224	1
		ILLINOIS	CONTRACT NO. 72E10	

D-96-031-11



STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS

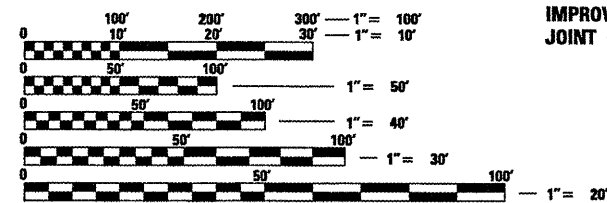
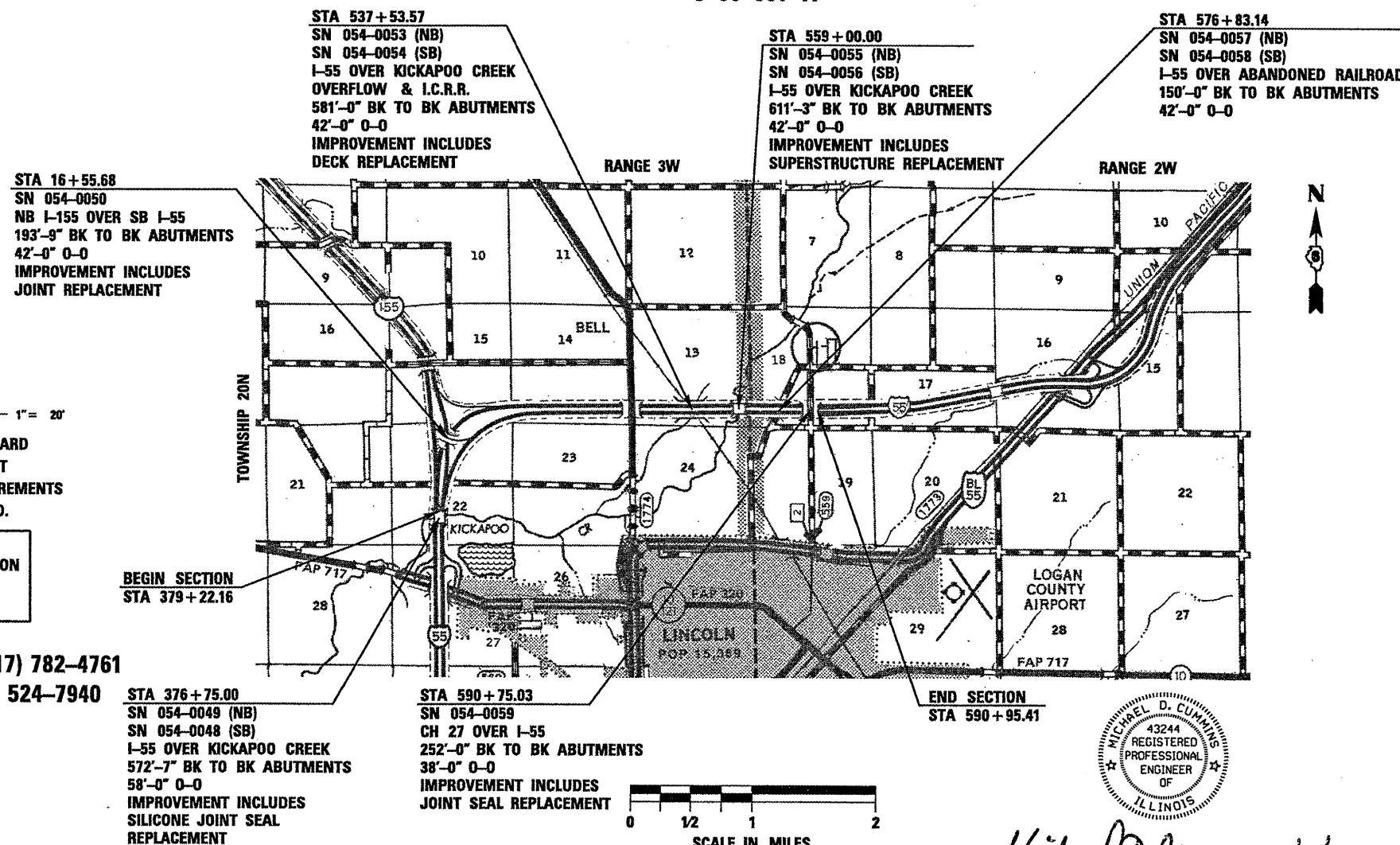
**PROPOSED  
HIGHWAY PLANS**

FAI ROUTE 55 (I-55)  
SECTION D6 LOGAN CO BR 2011  
PROJECT ACIM-055-4(176)125  
LOGAN COUNTY  
BRIDGE REHABILITATION

C-96-031-11

FOR INDEX OF SHEETS, SEE SHEET NO. 2  
FOR LIST OF ILLINOIS DOT HIGHWAY STANDARDS, SEE SHEET NO. 2

DESIGN DESIGNATION  
FAI ROUTE 55 (I-55)  
FEDERAL INTERSTATE  
ADT 16,300 (2009)  
67.5% PV  
4.3% SU  
28.2% MU  
DESIGN SPEED: 70 MPH



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

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

PROJECT ENGINEER JEFF MYERS (217) 782-4761  
TEAM MANAGER TOM COX (217) 524-7940

CONTRACT NO. 72E10



GROSS LENGTH = 19,178.29 FT. = 3.632 MILES  
NET LENGTH = 5,719.64 FT. = 1.083 MILES

Professional Engineer Seal for Michael D. Cummins, Registered Professional Engineer of Illinois, No. 43244, Expires 11/30/11. Signature: Michael D. Cummins 9/19/11

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS  
SUBMITTED September 12 20 11  
Ryan Z. Oriskany  
DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER  
Oct 14 20 11  
Scott E. Stitt, P.E.  
ENGINEER OF DESIGN AND ENVIRONMENT  
Oct 14 20 11  
Christine M. Reedler  
DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

PRINTED BY THE AUTHORITY  
OF THE STATE OF ILLINOIS

**GENERAL NOTES**

- THIS SECTION SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE PLANS, THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION ADOPTED JANUARY 1, 2007, THE SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS, AND THE SPECIAL PROVISIONS INCLUDED IN THESE PLANS.
- ANY REFERENCE TO THE STANDARDS THROUGHOUT THE PLANS SHALL BE INTERPRETED TO BE THE EDITION, AS INDICATED BY THE SUB-NUMBER, LISTED IN THE INDEX OF SHEETS, OR THE COPY OF THE STANDARD INCLUDED IN THESE PLANS.
- THE THICKNESS OF HOT-MIX ASPHALT MIXTURES SHOWN ON THE PLANS IS THE NOMINAL THICKNESS. DEVIATIONS FROM THE NOMINAL THICKNESS WILL BE PERMITTED WHEN SUCH DEVIATIONS OCCUR DUE TO IRREGULARITIES IN THE EXISTING SURFACE OR BASE ON WHICH THE HOT-MIX ASPHALT MIXTURE IS PLACED.
- THE LOCATION OF THOSE BURIED AND ABOVE GROUND UTILITIES SHOWN ARE APPROXIMATE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING UTILITY PROPERTY FROM CONSTRUCTION OPERATIONS AS OUTLINED IN ARTICLE 107.26 OF THE STANDARD SPECIFICATIONS. THE J.U.L.I.E NUMBER IS 1 (800) 892-0123. A MINIMUM 48 HOURS ADVANCE NOTICE IS REQUIRED. SEE SPECIAL PROVISIONS FOR STATUS OF UTILITIES WITH UTILITY COMPANIES LISTED.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR REPAIRS TO ANY UTILITY LINES AND EXISTING IMPROVEMENTS TO REMAIN THAT ARE DAMAGED AS A RESULT OF THE WORK.
- THE CONTRACTOR IS RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS.
- WHERE PROPOSED CONSTRUCTION ABUTS EXISTING APPURTENANCES, A SAW CUT SHALL BE MADE TO ACHIEVE A NEAT BUTT JOINT. SAW CUTS WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE CONSIDERED INCLUDED IN THE TYPE OF WORK ENCOUNTERED.
- ALL ELEVATIONS SHOWN ON THE PLANS ARE BASED ON NAVD 88 DATUM.
- WHERE SECTION OR SUBSECTION MONUMENTS ARE ENCOUNTERED, THE ENGINEER SHALL BE NOTIFIED BEFORE SUCH MONUMENTS ARE REMOVED. THE CONTRACTOR SHALL PROTECT AND CAREFULLY PRESERVE ALL MONUMENTS UNTIL AN AUTHORIZED SURVEYOR OR AGENT HAS WITNESSED OR OTHERWISE REFERENCED THEIR LOCATION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR HAVING AN AUTHORIZED SURVEYOR REESTABLISH ANY SECTION OR SUBSECTION MONUMENTS DESTROYED BY HIS OPERATIONS.
- IN ADDITION TO SURVEYS, SOME OF THE PLAN DIMENSIONS AND DETAILS RELATIVE TO EXISTING CONDITIONS HAVE BEEN TAKEN FROM EXISTING PLANS AND ARE SUBJECT TO NOMINAL CONSTRUCTION VARIATIONS. IT SHALL BE THE CONTRACTORS RESPONSIBILITY TO VERIFY SUCH DIMENSIONS IN THE FIELD. VARIATIONS SHALL NOT BE A CAUSE FOR ADDITIONAL COMPENSATION DUE TO A CHANGE IN THE SCOPE OF WORK. THE CONTRACTOR WILL BE PAID FOR THE QUANTITY ACTUALLY FURNISHED AT THE UNIT PRICE BID FOR THE WORK.
- ANY EXISTING ROAD SIGNS THAT INTERFERE WITH CONSTRUCTION SHALL BE RELOCATED AS DIRECTED BY THE ENGINEER. AFTER CONSTRUCTION IS COMPLETE, THE CONTRACTOR SHALL REPLACE SIGNS AS DIRECTED BY THE ENGINEER. THE COST FOR THIS WORK WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE COST OF THE TRAFFIC CONTROL ITEMS.
- COPIES OF EXISTING BRIDGE PLANS ARE AVAILABLE AT THE DISTRICT OFFICE.
- THE ENGINEER SHALL BE THE SOLE JUDGE CONCERNING CURING TIME FOR THE VARIOUS BITUMINOUS LIFTS.
- FOR STABILIZATION, ALL TYPE III BARRICADES SHALL REQUIRE A MINIMUM OF FOUR SANDBAGS PER BARRICADE.
- TEMPORARY PAVEMENT MARKING FROM STA 500+62 TO STA 596+56 SHALL BE PAINT.
- EXISTING RAISED REFLECTIVE PAVEMENT MARKERS SHALL BE REMOVED PRIOR TO RESURFACING.
- PRIOR TO BEGINNING CONSTRUCTION, THE CONTRACTOR SHALL SUBMIT IN WRITING FOR THE ENGINEER'S APPROVAL A PLAN FOR CONSTRUCTION ACCESS BETWEEN SN 054-0053, 0054 AND SN 054-0055, 0056.
- ANY DAMAGE TO THE EXISTING SLOPEWALL CAUSED BY THE CONTRACTOR'S OPERATIONS SHALL BE REPAIRED AT THE CONTRACTOR'S EXPENSE.

**LIST OF ILLINOIS DOT HIGHWAY STANDARDS**

- 000001-06 STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
- 001001-02 AREAS OF REINFORCEMENT BARS
- 280001-05 TEMPORARY EROSION CONTROL SYSTEMS
- 420001-07 PAVEMENT JOINTS
- 420401-08 BRIDGE APPROACH PAVEMENT CONNECTOR
- 421001-02 BAR REINFORCEMENT FOR CRC PAVEMENT
- 515001-03 NAME PLATE FOR BRIDGES
- 542401-01 METAL END SECTION FOR PIPE CULVERTS
- 542546-01 FLUSH INLET BOX FOR MEDIAN
- 601101-01 CONCRETE HEADWALL FOR PIPE DRAIN
- 602306-03 INLET TYPE B
- 602401-03 MANHOLE, TYPE A
- 602601-02 PRECAST REINFORCED CONCRETE FLAT SLAB TOP
- 602701-02 MANHOLE STEPS
- 604001-03 FRAME AND LID, TYPE 1
- 604106-01 MEDIAN INLET FOR 36" REINFORCED CONCRETE PIPE
- 606001-04 CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
- 610001-05 SHOULDER INLET WITH CURB
- 630001-09 STEEL PLATE BEAM GUARDRAIL
- 630301-05 SHOULDER WIDENING FOR TYPE 1 GUARDRAIL TERMINALS
- 631026-05 TRAFFIC BARRIER TERMINAL, TYPE 5
- 631031-09 TRAFFIC BARRIER TERMINAL, TYPE 6
- 635006-03 REFLECTOR AND TERMINAL MARKER PLACEMENT
- 635011-02 REFLECTOR MARKER AND MOUNTING DETAILS
- 642001-01 SHOULDER RUMBLE STRIPS
- 701001-02 OFF-ROAD OPERATIONS, 2L, 2W, MORE THAN 15' (4.5 M) AWAY
- 701006-03 OFF-ROAD OPERATIONS, 2L, 2W, 15' (4.5 M) TO 24' (600 MM) FROM PAVEMENT EDGE
- 701101-02 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
- 701201-04 LANE CLOSURE, 2L, 2W, DAY ONLY, FOR SPEEDS > 45 MPH
- 701400-05 APPROACH TO LANE CLOSURE, FREEWAY/EXPRESSWAY
- 701401-06 LANE CLOSURE, FREEWAY/EXPRESSWAY
- 701402-08 LANE CLOSURE, FREEWAY/EXPRESSWAY, WITH BARRIER
- 701411-07 LANE CLOSURE, MULTILANE, AT ENTRANCE OR EXIT RAMP, FOR SPEEDS > 45 MPH
- 701416-06 LANE CLOSURE, FREEWAY/EXPRESSWAY, WITH CROSSOVER AND BARRIER
- 701426-04 LANE CLOSURE, MULTILANE, INTERMITTENT OR MOVING OPERATION, FOR SPEEDS > 45 MPH
- 701446-02 TWO LANE CLOSURE, FREEWAY/EXPRESSWAY
- 701901-01 TRAFFIC CONTROL DEVICES
- 704001-06 TEMPORARY CONCRETE BARRIER
- 780001-02 TYPICAL PAVEMENT MARKINGS
- 781001-03 TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS

701011-02

**COMMITMENTS**

THE FIELD/RESIDENT ENGINEER SHALL CONTACT STUDIES & PLANS CONCERNING ANY MAJOR PLAN CHANGES AND TO MAKE SURE NO PREVIOUS COMMITMENT (NOT LISTED) WERE MADE AFFECTING THE DESIGN, AND TO ALLOW IMPROVEMENTS IN THE DESIGN FOR FUTURE PROJECTS.

**RATES OF APPLICATION**

THE FOLLOWING FACTORS WERE USED FOR ESTIMATING PLAN QUANTITIES AND SHALL NOT BE USED FOR THE BASIS OF FINAL QUANTITIES.

HOT MIX ASPHALT	0.056 TONS/SQ. YD./INCH
BITUMINOUS MATERIALS (PRIME COAT)	0.00038 TON/SQ. YD.
AGGREGATE	2.05 TON/CU. YD.
RIPRAP	1.5 TON/CU. YD.

THE FOLLOWING MIXTURE REQUIREMENTS ARE APPLICABLE FOR THIS PROJECT

LOCATIONS:	INTERSTATE RESURFACING			CROSSOVER PAVEMENT		SHOULDER RECONSTRUCTION	
	SURFACE COURSE	BINDER COURSE	SHOULDER	TOP LIFT (1 1/2")	LOWER LIFTS	TOP LIFT (1 1/2")	LOWER LIFTS
MIXTURE USES:	POLYMER HMA SURFACE COURSE	POLYMER HMA LEVELING BINDER	HMA SURFACE COURSE	POLYMER HMA SURFACE COURSE	HMA BASE COURSE 10 1/2"	HMA SURFACE COURSE	HMA BASE COURSE 10 3/4" & 12 1/4"
PG:	SBS PG 70-22	SBS PG 70-22	PG 64-22	SBS PG 70-22	SBS PG 70-22	PG 64-22	PG 64-22
DESIGN AIR VOIDS:	4.0% @NDESIGN=105	4.0% @NDESIGN=105	4.0% @NDESIGN=50	4.0% @NDESIGN=105	4.0% @NDESIGN=105	4.0% @NDESIGN=105	4.0% @NDESIGN=105
MIXTURE COMPOSITION: (GRADATION MIXTURE)	IL 9.5 OR 12.5	IL 9.5 OR 12.5	IL 9.5 OR 12.5	IL 9.5 OR 12.5	IL 19.0	IL 9.5 OR 12.5	IL 19.0
FRICTION AGGREGATE:	MIX "E"	N/A	MIX "C"	MIX "E"	N/A	MIX "E"	N/A

**INDEX OF SHEETS**

- 1 COVER SHEET
- 2 INDEX OF SHEETS, GENERAL NOTES & HIGHWAY STANDARDS
- 3-5 SUMMARY OF QUANTITIES
- 6-12 TYPICAL CROSS SECTIONS
- 13-17 SCHEDULE OF QUANTITIES
- 18-24 ALIGNMENT, CROSS TIES & BENCHMARKS
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- 57-86 PROPOSED CROSSOVER PLANS
- 87-88 TEMPORARY LIGHTING PLANS
- 89 TEMPORARY LIGHTING DETAILS
- 90 MEDIAN CROSSOVER CLOSURE DETAIL
- 91-92 ADVANCED WARNING & MAINTENANCE OF TRAFFIC
- 93 BUTT JOINT DETAILS
- 94-97 BRIDGE APPROACH PAVEMENT CONNECTOR DETAILS
- 98-105 STORM WATER POLLUTION PREVENTION PLAN
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- 109-116 SN 054-0050 REPAIR PLANS
- 117-161 SN 054-0053 & 054-0054 REPAIR PLANS
- 162-200 SN 054-0055 & 054-0056 REPAIR PLANS
- 201-202 SN 054-0059 REPAIR PLANS
- 203-210 CROSS SECTIONS - WEST CROSSOVER
- 211-219 CROSS SECTIONS - EAST CROSSOVER
- 219A-224 CROSS SECTIONS - FINAL WEST CROSSOVER

**DISTRICT SIX**

EXAMINED July 20 20 11  
*[Signature]*  
**OPERATIONS ENGINEER**

EXAMINED July 18 20 11  
*[Signature]*  
**PROJECT IMPLEMENTATION ENGINEER**

EXAMINED Sept 12 20 11  
*[Signature]*  
**PROGRAM DEVELOPMENT ENGINEER**



JOB = 2265.4	DESIGNED - NAK	REVISED -
FILE NAME = D672E10-shit-gen.dgn	DRAWN - T.JD	REVISED -
PLOT SCALE = 2.0000 ' / IN.	CHECKED - NAK	REVISED -
PLOT DATE = 8/12/2011	DATE - 8/12/2011	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**INDEX OF SHEETS, GENERAL NOTES  
AND HIGHWAY STANDARDS**

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	D6 LOGAN CO BR 2011	LOGAN	224	2
FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT	
			CONTRACT NO. 72E10	

LOCATION OF WORK				RURAL 90% FEDERAL 10% STATE	RURAL 90% FEDERAL 10% STATE	RURAL 90% FEDERAL 10% STATE	RURAL 90% FEDERAL 10% STATE	RURAL 90% FEDERAL 10% STATE	RURAL 90% FEDERAL 10% STATE
				CROSSOVERS	SN 054-0048 SN 048-0049	SN 054-0050	SN 054-0053 SN 054-0054	SN 054-0055 SN 054-0056	SN 054-0059
SUMMARY OF QUANTITIES				CONSTRUCTION TYPE CODE					
CODE NO.	ITEM	UNIT	TOTAL	0014	0014	0014	0014	0014	0014
20200100	EARTH EXCAVATION	CU YD	2,990	2,990					
20400800	FURNISHED EXCAVATION	CU YD	2,565	2,565					
20800150	TRENCH BACKFILL	CU YD	150	150					
25000200	SEEDING, CLASS 2	ACRE	2.8	2.8					
25000400	NITROGEN FERTILIZER NUTRIENT	POUND	254	254					
25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	254	254					
25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	254	254					
25000700	AGRICULTURAL GROUND LIMESTONE	TON	5.6	5.6					
25100115	MULCH, METHOD 2	ACRE	2.8	2.8					
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	282	282					
28000400	PERIMETER EROSION BARRIER	FOOT	3,336	988			482	1,866	
28000500	INLET AND PIPE PROTECTION	EACH	12	12					
28100105	STONE RIPRAP, CLASS A3	SQ YD	178	178					
28100207	STONE RIPRAP, CLASS A4	TON	3,240				2,060	1,180	
28200200	FILTER FABRIC	SQ YD	2,021	178			512	1,331	
31100700	SUBBASE GRANULAR MATERIAL, TYPE A8"	SQ YD	6,745	6,745					
35501326	HOT-MIX ASPHALT BASE COURSE, 10 1/2"	SQ YD	6,016	6,016					
35501327	HOT-MIX ASPHALT BASE COURSE, 10 3/4"	SQ YD	3,755	3,755					
35501333	HOT-MIX ASPHALT BASE COURSE, 12 1/4"	SQ YD	2,261	2,261					
40600200	BITUMINOUS MATERIALS (PRIME COAT)	TON	1.4	0.1			0.6	0.7	
40600855	POLYMERIZED LEVELING BINDER (MACHINE METHOD), N105	TON	113				67	46	
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	1,040				507	533	
40603375	HOT-MIX ASPHALT SURFACE COURSE, MIX "E", N105	TON	508	508					
40603575	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "E", N105	TON	685	505			90	90	
42001420	BRIDGE APPROACH PAVEMENT CONNECTOR (PCC)	SQ YD	1,357				646	711	
44000100	PAVEMENT REMOVAL	SQ YD	2,769	2,141			177	451	
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	655				655		
44004250	PAVED SHOULDER REMOVAL	SQ YD	8,476	8,073		29	186	188	
48101200	AGGREGATE SHOULDERS, TYPE B	TON	218	125		1	34	58	
48101500	AGGREGATE SHOULDERS, TYPE B 6"	SQ YD	197	197					
48203029	HOT-MIX ASPHALT SHOULDERS, 8"	SQ YD	101	101					
48203100	HOT-MIX ASPHALT SHOULDERS	TON	192	22			88	82	
50101500	REMOVAL OF EXISTING SUPERSTRUCTURES	EACH	2					2	
50102400	CONCRETE REMOVAL	CU YD	<b>354.8</b>		0.4	<b>14.6</b>	243.8	96.0	
50104720	REMOVAL OF EXISTING CONCRETE DECK	EACH	2				2		
50157300	PROTECTIVE SHIELD	SQ YD	1,343				1,343		
50200100	STRUCTURE EXCAVATION	CU YD	1,364				1,063	301	
50300100	FLOOR DRAINS	EACH	216				56	160	
50300225	CONCRETE STRUCTURES	CU YD	612.8				359.1	253.7	
50300255	CONCRETE SUPERSTRUCTURE	CU YD	<b>414.5</b>			<b>14.3</b>	2,111.6	2,015.6	
50300280	BRIDGE DECK GROOMING	SQ YD	12,121				5,736	6,385	
50300300	PROTECTIVE COAT	SQ YD	15,186			56	7,205	7,925	
50500105	FURNISHING AND ERECTING STRUCTURAL STEEL	L SUM	1					1	
50500405	FURNISHING AND ERECTING STRUCTURAL STEEL	POUND	36,995				36,995		



JOB # 2265.4  
 FILE NAME : D672E10-sht-90q.dgn  
 PLOT SCALE : 2.0000 / 1 IN.  
 PLOT DATE : 9/9/2011

DESIGNED - NAK  
 DRAWN - TJD  
 CHECKED - NAK  
 DATE - 8/12/2011

REVISED -  
 REVISED -  
 REVISED -  
 REVISED -

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

FAI ROUTE 55  
 SUMMARY OF QUANTITIES  
 SCALE: SHEET NO. OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	D6 LOGAN CO BR 2011	LOGAN	224	3
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 72E10	

LOCATION OF WORK				RURAL 90% FEDERAL 10% STATE	RURAL 90% FEDERAL 10% STATE	RURAL 90% FEDERAL 10% STATE	RURAL 90% FEDERAL 10% STATE	RURAL 90% FEDERAL 10% STATE	RURAL 90% FEDERAL 10% STATE
				CROSSOVERS	SN 054-0048 SN 048-0049	SN 054-0050	SN 054-0053 SN 054-0054	SN 054-0055 SN 054-0056	SN 054-0059
SUMMARY OF QUANTITIES				CONSTRUCTION TYPE CODE					
CODE NO.	ITEM	UNIT	TOTAL	0014	0014	0014	0014	0014	0014
50500505	STUD SHEAR CONNECTORS	EACH	58,068				18,612		39,456
50800205	REINFORCEMENT BARS, EPOXY COATED	POUND	1,130,350			3,510	573,690		553,150
50800515	BAR SPLICERS	EACH	488			36	280		172
51500100	NAME PLATES	EACH	4				2		2
52000110	PREFORMED JOINT STRIP SEAL	FOOT	794.5			106.0	432.0		256.5
52100010	ELASTOMERIC BEARING ASSEMBLY, TYPE I	EACH	36				36		
52100020	ELASTOMERIC BEARING ASSEMBLY, TYPE II	EACH	132				12		120
52100505	ANCHOR BOLTS, 5/8"	EACH	120				24		96
52100510	ANCHOR BOLTS, 3/4"	EACH	48						48
52100520	ANCHOR BOLTS, 1"	EACH	216				72		144
54213459	END SECTIONS 24"	EACH	2	2					
54244405	FLUSH INLET BOX FOR MEDIAN, STANDARD 542546	EACH	4	4					
58700300	CONCRETE SEALER	SQ FT	8,372				5,965		2,407
59100100	GEOCOMPOSITE WALL DRAIN	SQ YD	553				338		215
60221100	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	2	2					
60240366	INLETS, TYPE B, WITH MEDIAN INLET (604106)	EACH	8	8					
60500040	REMOVING MANHOLES	EACH	1	1					
60500060	REMOVING INLETS	EACH	4	4					
60605000	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24	FOOT	654				654		
63301210	REMOVE AND REERECT STEEL PLATE BEAM GUARDRAIL, TYPE A	FOOT	1,587.5	350.0			750.0		487.5
63302400	REMOVE AND REERECT TRAFFIC BARRIER TERMINALS, TYPE 5	EACH	2				2		
63302700	REMOVE AND REERECT TRAFFIC BARRIER TERMINALS, TYPE 6	EACH	8				4		4
64200105	SHOULDER RUMBLE STRIPS	FOOT	9,027	7,414		43	760		810
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	24				12		12
67100100	MOBILIZATION	L SUM	1				0.5		0.5
70100205	TRAFFIC CONTROL AND PROTECTION, STANDARD 701401	EACH	4	2	1	1			
70100207	TRAFFIC CONTROL AND PROTECTION, STANDARD 701402	EACH	1			1			
70100410	TRAFFIC CONTROL AND PROTECTION, STANDARD 701416	EACH	2				1		1
70100420	TRAFFIC CONTROL AND PROTECTION, STANDARD 701411	EACH	3		3				
70100450	TRAFFIC CONTROL AND PROTECTION, STANDARD 701201	L SUM	1						1
70100815	TRAFFIC CONTROL AND PROTECTION, STANDARD 701446	L SUM	1		1				
70103815	TRAFFIC CONTROL SURVEILLANCE	CAL DA	9	8		1			
70106800	CHANGEABLE MESSAGE SIGN	CAL MO	57	57					
70300100	SHORT TERM PAVEMENT MARKING	FOOT	4,857	4,422		435			
70300230	TEMPORARY PAVEMENT MARKING - LINE 5"	FOOT	84,906	79,747		5,159			
70301000	WORK ZONE PAVEMENT MARKING REMOVAL	SQ FT	24,990	22,659		2,331			
70400100	TEMPORARY CONCRETE BARRIER	FOOT	4,650	4,225		425			
70400200	RELOCATE TEMPORARY CONCRETE BARRIER	FOOT	4,650	4,225		425			
70500100	TEMPORARY STEEL PLATE BEAM GUARDRAIL, TYPE A	FOOT	600	600					
70500665	TEMPORARY TRAFFIC BARRIER TERMINAL, TYPE 6	EACH	4	4					
* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	48				24		24
* 78200410	GUARDRAIL MARKERS, TYPE A	EACH	27				16		11
* 78200520	BARRIER WALL MARKERS, TYPE B	EACH	64				32		32
* 78200530	BARRIER WALL MARKERS, TYPE C	EACH	64				32		32

\*SPECIALTY  
ITEM



JOB : 2265.4  
FILE NAME : 0672E10-sh1-a0q.dgn  
PLOT SCALE : 2.0000 / IN.  
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STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

FAI ROUTE 55  
SUMMARY OF QUANTITIES  
SCALE: SHEET NO. OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	D6 LOGAN CO BR 2011	LOGAN	224	4
FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT	
			CONTRACT NO. 72E10	



LOCATION OF WORK				RURAL 90% FEDERAL 10% STATE	RURAL 90% FEDERAL 10% STATE	RURAL 90% FEDERAL 10% STATE	RURAL 90% FEDERAL 10% STATE	RURAL 90% FEDERAL 10% STATE	RURAL 90% FEDERAL 10% STATE
				CROSSOVERS	SN 054-0048 SN 048-0049	SN 054-0050	SN 054-0053 SN 054-0054	SN 054-0055 SN 054-0056	SN 054-0059
SUMMARY OF QUANTITIES				CONSTRUCTION TYPE CODE					
CODE NO.	ITEM	UNIT	TOTAL	0014	0014	0014	0014	0014	0014
78300100	PAVEMENT MARKING REMOVAL	SQ FT	23,593	22,892		701			
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	16				8	8	
5421D018	PIPE CULVERTS, CLASS D, TYPE 1 18" (TEMPORARY)	FOOT	164	164					
5421D024	PIPE CULVERTS, CLASS D, TYPE 1 24" (TEMPORARY)	FOOT	338	338					
542D0223	PIPE CULVERTS, CLASS D, TYPE 1 18"	FOOT	165	165					
542D0229	PIPE CULVERTS, CLASS D, TYPE 1 24"	FOOT	397	397					
X0322288	MEDIAN CLOSURE	EACH	4	4					
X0323583	SPEED INDICATOR SIGN	CAL DA	862	862					
X0484300	MEDIAN INLET BOX REMOVAL	EACH	2	2					
X2070304	POROUS GRANULAR EMBANKMENT, SPECIAL	CU YD	1,364			1,063		301	
+ X2503000	MAINTENANCE MOWING	ACRE	34.9	34.9					
X4401198	HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH	SQ YD	100	100					
X6330103	REMOVE AND RE-ERECT TRAFFIC BARRIER TERMINAL, TYPE 1 SPECIAL, TANGENT	EACH	2	2					
X6380205	TEMPORARY MODULAR GLARE SCREEN	FOOT	600	600					
X6380200	RELOCATE MODULAR GLARE SCREEN SYSTEM	FOOT	600	600					
X7050167	TEMPORARY TRAFFIC BARRIER TERMINAL, TYPE 1, SPECIAL (TANGENT)	EACH	4	4					
* X7200201	VMTH RESTRICTION SIGNING	L SUM	1			1			
* X7800620	URETHANE PAVEMENT MARKING - LINE 5"	FOOT	35,037	33,366		1,671			
X8410102	TEMPORARY LIGHTING SYSTEM	L SUM	1	1					
Z0001899	JACK AND REMOVE EXISTING BEARINGS	EACH	24				24		
Z0004552	APPROACH SLAB REMOVAL	SQ YD	1,059				607	452	
Z0012754	STRUCTURAL REPAIR OF CONCRETE (DEPTH EQUAL TO OR LESS THAN 5 INCHES)	SQ FT	88				88		
Z0003802	REMOVAL OF EXISTING BEARINGS	EACH	24				24		
Z0013798	CONSTRUCTION LAYOUT	L SUM	1	0.4			0.3	0.3	
Z0021903	SILICONE JOINT SEALER, 3/4"	FOOT	73						73
Z0018002	DRAINAGE SCUPPERS, DS-11	EACH	6				6		
Z0021916	SILICONE JOINT SEALER, 3"	FOOT	133		133				
Z0029090	DIAMOND GRINDING (BRIDGE SECTION)	SQ YD	11,533				5,451	6,082	
Z0030260	IMPACT ATTENUATORS, TEMPORARY (FULLY REDIRECTIVE, NARROW), TEST LEVEL 3	EACH	2	1		1			
Z0030330	IMPACT ATTENUATORS, RELOCATE (FULLY REDIRECTIVE), TEST LEVEL 3	EACH	2	1		1			
Z0041895	POLYMER CONCRETE	CU FT	17.1		9.4	7.7			
Z0046304	PIPE UNDERDRAINS FOR STRUCTURES 4"	FOOT	736				410	326	
Z0048665	RAILROAD PROTECTIVE LIABILITY INSURANCE	L SUM	1				1		
Z0073500	TEMPORARY SUPPORT SYSTEM	L SUM	1				1		
X6100510	REMOVE AND REPLACE INLET BOX GRATES L610001	EACH	20	18		2			
Z0010501	CLEANING AND PAINTING STEEL BRIDGE, NO.1	L SUM	1		1				
Z0010502	CLEANING AND PAINTING STEEL BRIDGE, NO.2	L SUM	1			1			
X5060601	CONTAINMENT AND DISPOSAL OF NON-LEAD PAINT CLEANING RESIDUES NO.1	L SUM	1		1				
X5060602	CONTAINMENT AND DISPOSAL OF NON LEAD PAINT CLEANING RESIDUES NO.2	L SUM	1			1			
X5030530	FLOOR DRAIN EXTENSIONS	EACH	3			3			

+ NON-PARTICIPATING  
100% STATE  
\* SPECIALTY  
ITEM



JOB : 2265.4  
FILE NAME : 0672E10-dht-90q.dgn  
PLOT SCALE : 2.0000 / IN.  
PLOT DATE : 9/9/2011

DESIGNED - NAK  
DRAWN - TJD  
CHECKED - NAK  
DATE - 8/12/2011

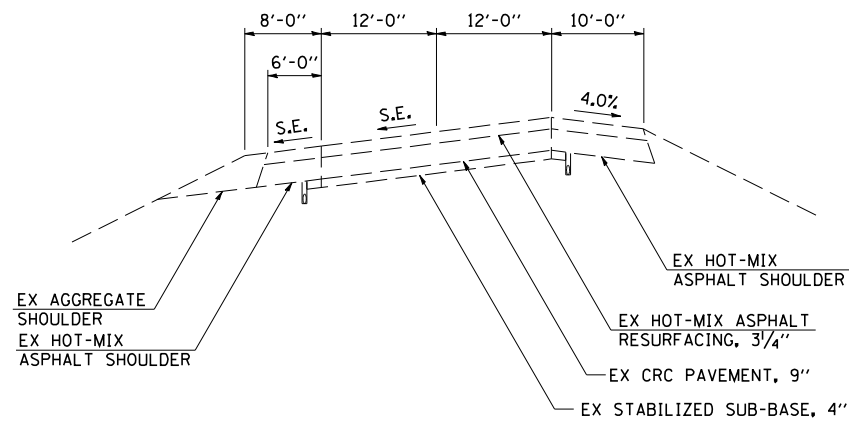
REVISED -  
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REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

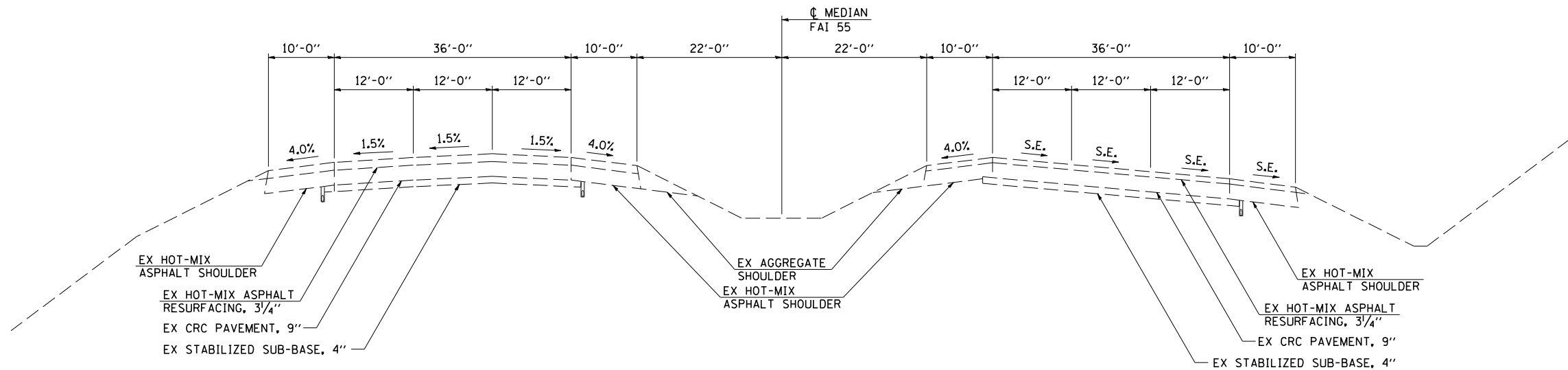
FAI ROUTE 55  
SUMMARY OF QUANTITIES

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

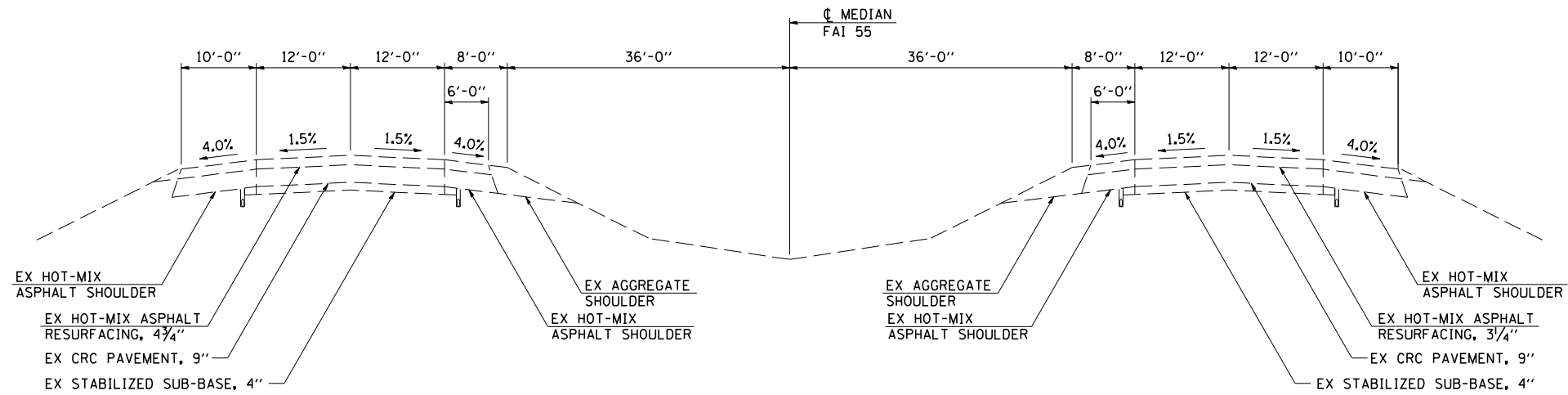
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	D6 LOGAN CO BR 2011	LOGAN	224	5
CONTRACT NO. 72E10				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



FAI ROUTE 155 (NB)  
EXISTING APPROACH ROADWAY TYPICAL CROSS SECTIONS  
SN 054-0050



FAI ROUTE 55  
EXISTING APPROACH ROADWAY TYPICAL CROSS SECTIONS  
SN 054-0048  
SN 054-0049



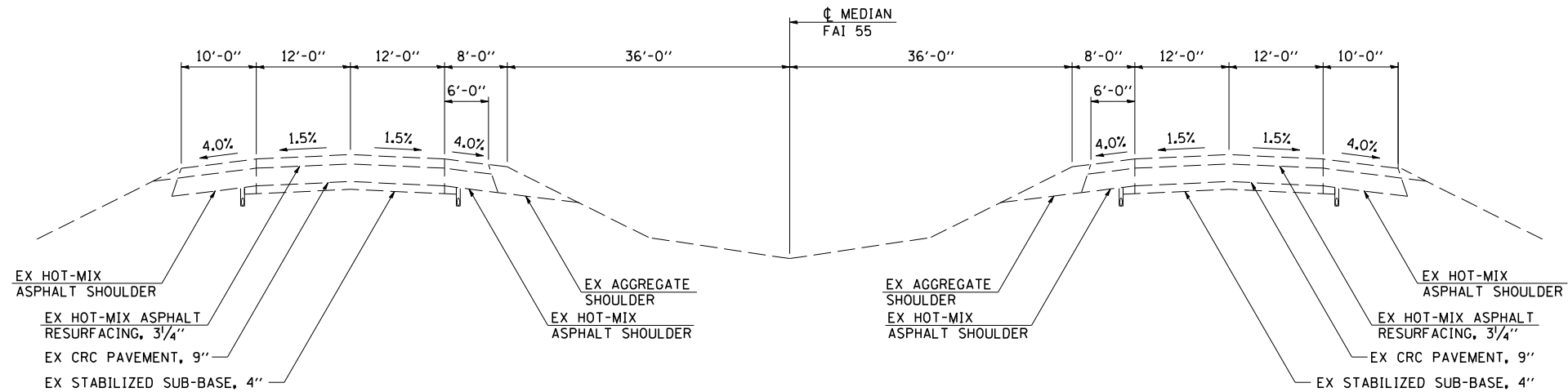
FAI ROUTE 55  
EXISTING APPROACH ROADWAY TYPICAL CROSS SECTIONS

SB I-55  
STA 541+77.61 TO STA 555+33.07  
STA 562+55.63 TO STA 568+76.15

OMISSIONS  
EX APPROACH SLAB: STA 555+33.07 TO STA 555+75.40  
STA 561+85.63 TO STA 562+27.97  
SN 054-0056: STA 555+75.40 TO STA 561+85.63

NB I-55  
STA 540+23.80 TO STA 555+11.31  
STA 562+06.20 TO STA 568+75.45

OMISSIONS  
EX APPROACH SLAB: STA 555+11.31 TO STA 555+53.64  
STA 561+63.87 TO STA 562+06.20  
STA 555+53.64 TO STA 561+63.87  
SN 054-0055:



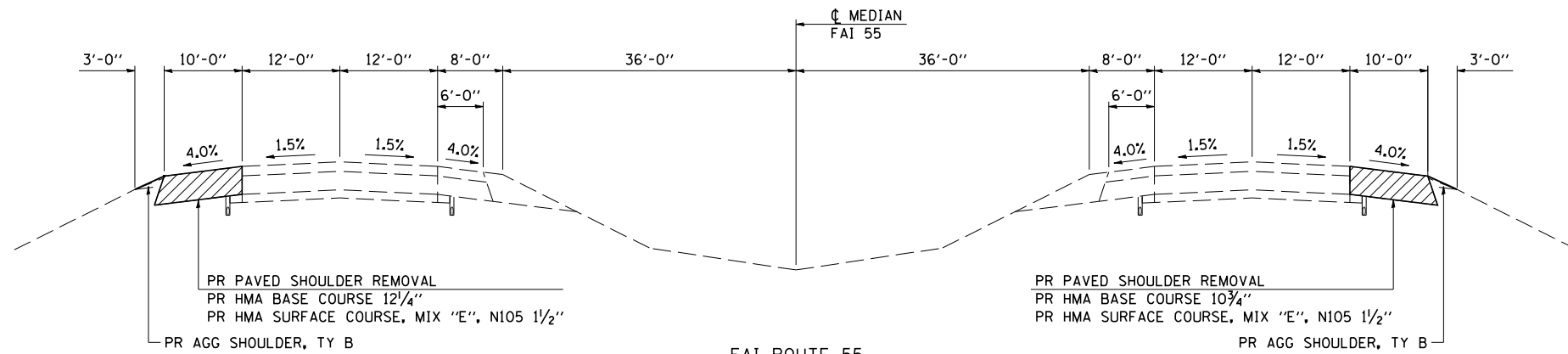
FAI ROUTE 55  
EXISTING APPROACH ROADWAY TYPICAL CROSS SECTIONS

SB I-55  
STA 525+31.00 TO STA 534+84.73

OMISSIONS  
EX APPROACH SLAB: STA 534+84.73 TO STA 535+41.34  
STA 541+20.63 TO STA 541+77.22  
SN 054-0054: STA 535+41.35 TO STA 541+20.63

NB I-55  
STA 526+99.95 TO STA 533+29.96

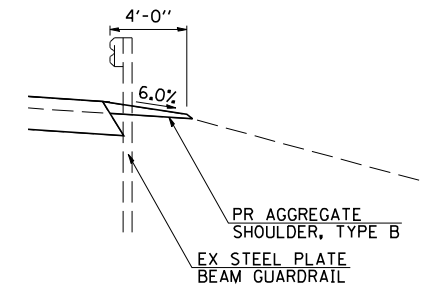
OMISSIONS  
EX APPROACH SLAB: STA 533+29.96 TO STA 533+86.54  
STA 539+65.82 TO STA 540+23.80  
STA 533+86.54 TO STA 539+65.82  
SN 054-0053:



FAI ROUTE 55  
PROPOSED APPROACH ROADWAY TYPICAL CROSS SECTIONS

SB OUTSIDE  
STA 545+69.75 TO STA 554+05.40  
STA 563+60.63 TO STA 568+61.06

NB OUTSIDE  
STA 545+50.70 TO STA 553+83.64  
STA 563+33.87 TO STA 568+43.10

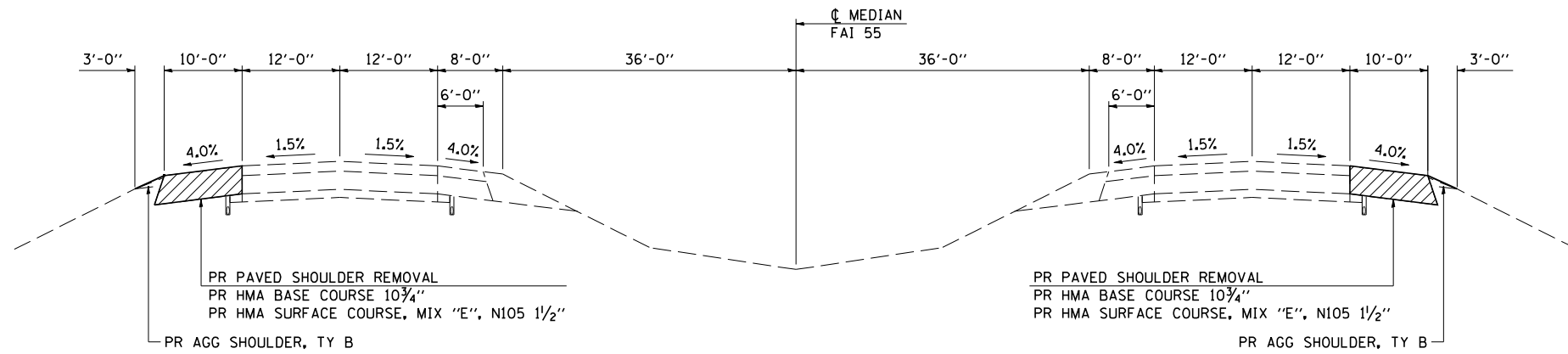


EXISTING GUARDRAIL  
TYPICAL CROSS SECTION

SB OUTSIDE  
STA 528+49.25 TO STA 529+06.46  
STA 545+69.76 TO STA 546+10.74  
STA 563+60.62 TO STA 565+09.09  
STA 568+07.60 TO STA 568+61.06

SB MEDIAN  
STA 565+76.00 TO STA 566+30.42

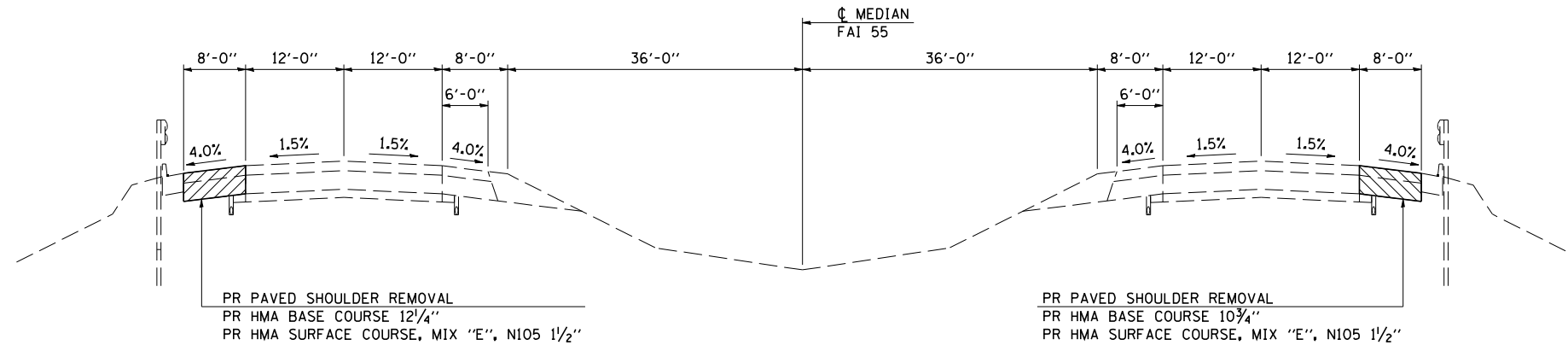
NB OUTSIDE  
STA 528+86.87 TO STA 529+37.50  
STA 545+50.70 TO STA 545+75.06  
STA 552+46.84 TO STA 553+83.64  
STA 567+68.56 TO STA 568+43.10



FAI ROUTE 55  
PROPOSED APPROACH ROADWAY TYPICAL CROSS SECTIONS

SB OUTSIDE  
STA 525+31.00 TO STA 529+06.45

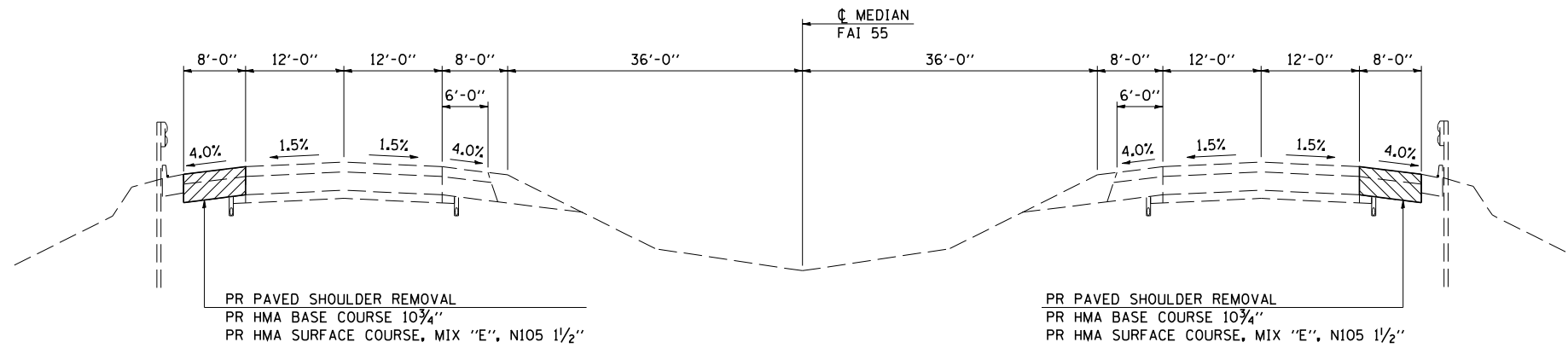
NB OUTSIDE  
STA 526+99.95 TO STA 529+37.50



FAI ROUTE 55  
PROPOSED APPROACH ROADWAY TYPICAL CROSS SECTIONS

SB OUTSIDE  
STA 542+90.61 TO STA 545+69.75  
STA 568+61.06 TO STA 568+76.15

NB OUTSIDE  
STA 541+35.82 TO STA 545+50.70

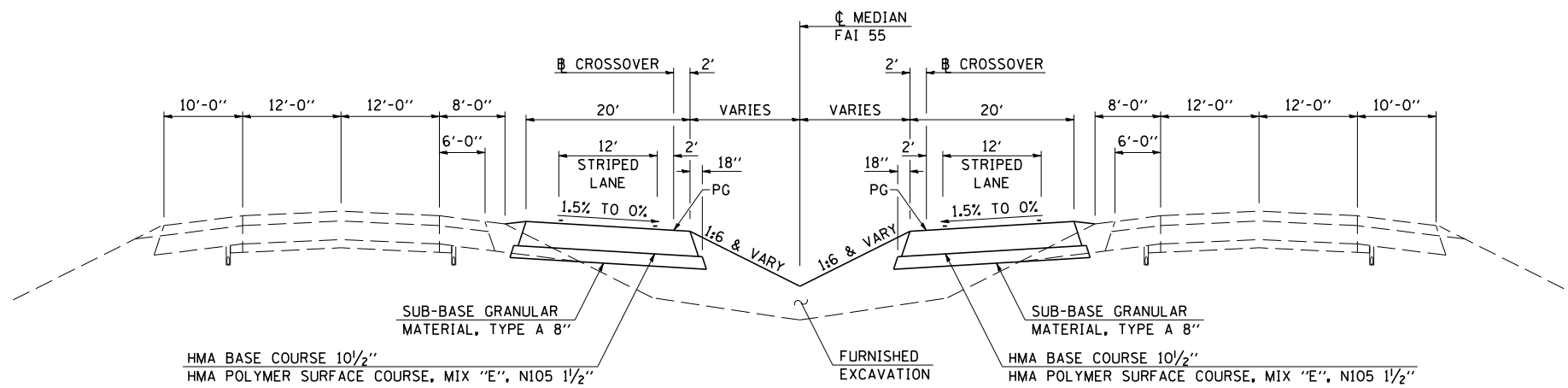


FAI ROUTE 55  
PROPOSED APPROACH ROADWAY TYPICAL CROSS SECTIONS

SB OUTSIDE  
STA 529+06.45 TO STA 533+84.73

NB OUTSIDE  
STA 529+37.50 TO STA 532+29.96

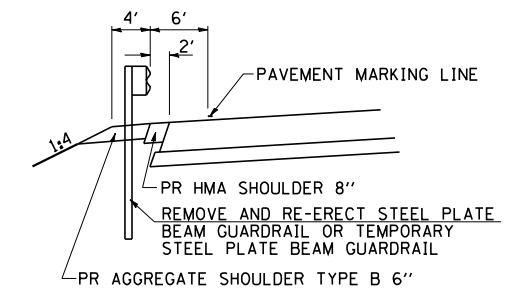




FAI ROUTE 55  
PROPOSED CROSSOVER TYPICAL CROSS SECTIONS

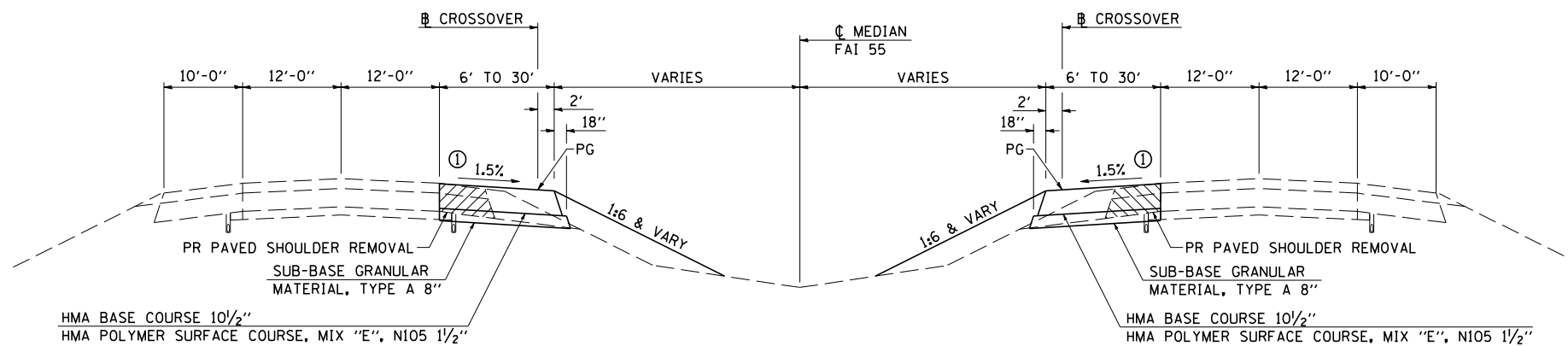
SB I-55  
STA 525+55.00 TO STA 528+42.50  
STA 569+03.45 TO STA 571+39.60

NB I-55  
STA 525+78.00 TO STA 528+17.40  
STA 568+75.45 TO STA 571+67.90



PROPOSED CROSSOVER TYPICAL  
CROSS SECTION AT GUARDRAIL

NB MEDIAN  
STA 530+51.76 TO STA 531+47.00  
STA 571+65.78 TO STA 574+96.00



FAI ROUTE 55  
PROPOSED CROSSOVER TYPICAL CROSS SECTIONS

SB I-55  
STA 521+26.00 TO STA 525+55.00  
STA 528+42.50 TO STA 531+70.00  
STA 565+76.00 TO STA 569+03.45  
STA 571+39.60 TO STA 574+68.00

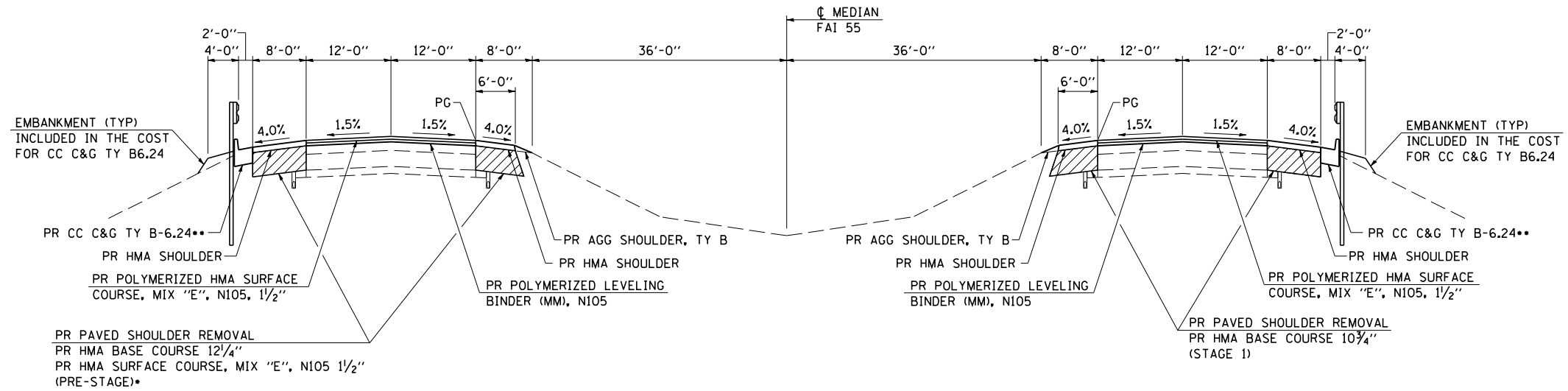
NB I-55  
STA 521+50.00 TO STA 525+78.00  
STA 528+17.40 TO STA 531+47.00  
STA 565+48.00 TO STA 568+75.46  
STA 571+67.90 TO STA 574+96.00

① TRANSITION FROM EXISTING SHOULDER SLOPE TO -1.5% AT THE FOLLOWING LOCATIONS:

NB I-55  
STA 522+50 TO STA 523+00  
STA 565+48 TO STA 565+98  
SB I-55  
STA 522+26 TO STA 522+76  
STA 565+76 TO STA 566+26

TRANSITION FROM -1.5% TO EXISTING SHOULDER SLOPE AT THE FOLLOWING LOCATIONS:

NB I-55  
STA 530+97 TO STA 531+47  
STA 574+46 TO STA 574+96  
SB I-55  
STA 531+20 TO STA 531+70  
STA 574+18 TO STA 574+68



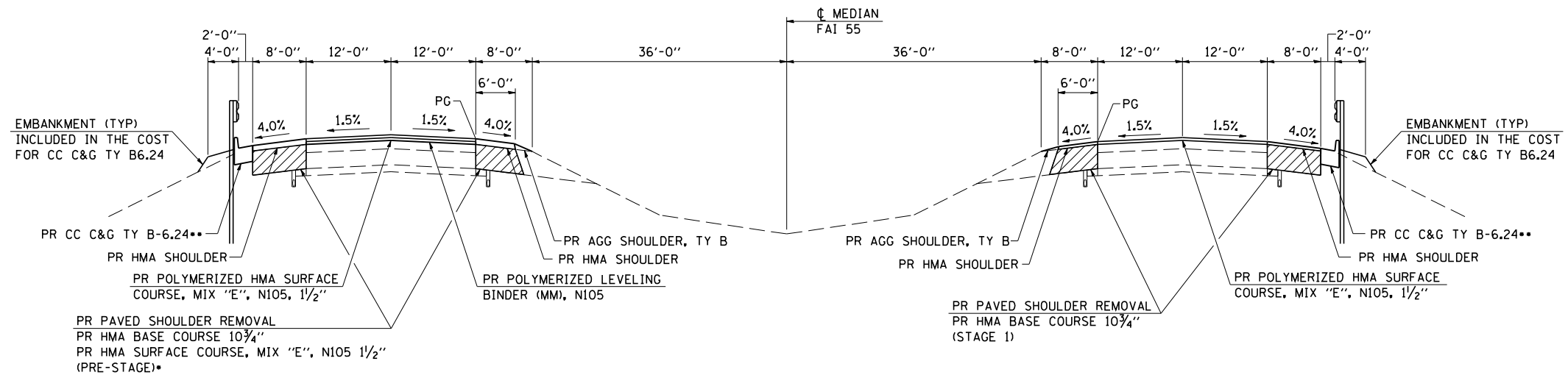
FAI ROUTE 55  
PROPOSED APPROACH ROADWAY TYPICAL CROSS SECTIONS

SB  
STA 541+90.61 TO STA 542+90.61

OMISSIONS  
CONNECTOR PAVEMENT: STA 534+84.73 TO STA 534+94.76  
STA 541+34.05 TO STA 541+90.61  
APPROACH PAVEMENT: STA 534+94.76 TO STA 535+28.38  
STA 541+04.88 TO STA 541+34.05  
SN 054-0054: STA 535+28.38 TO STA 541+04.88

NB  
STA 540+35.82 TO STA 541+35.82

OMISSIONS  
CONNECTOR PAVEMENT: STA 533+29.96 TO STA 533+39.97  
STA 539+79.24 TO STA 540+35.82  
APPROACH PAVEMENT: STA 533+39.97 TO STA 534+02.26  
STA 539+83.26 TO STA 539+79.24  
STA 534+02.26 TO STA 539+83.26



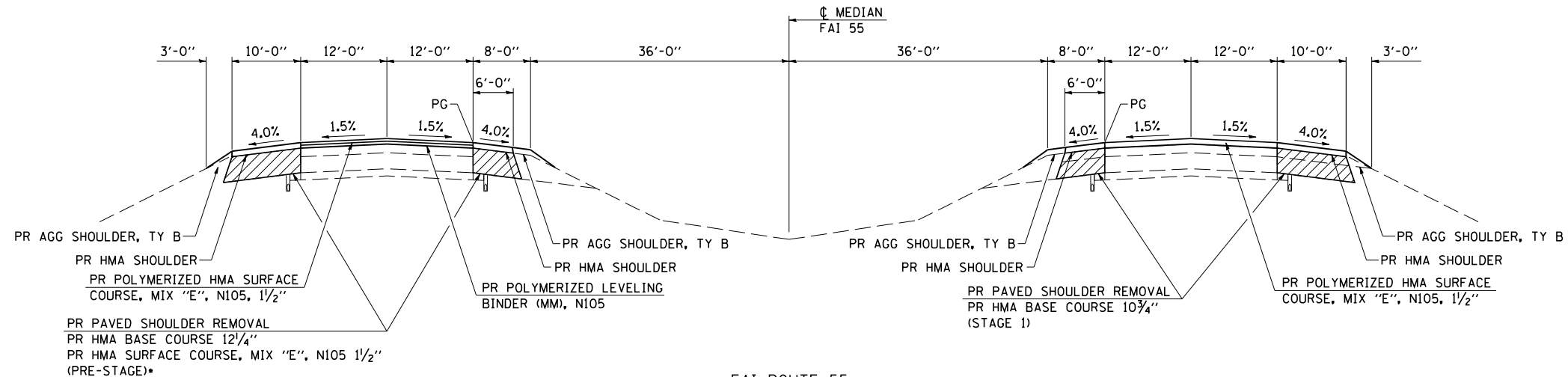
FAI ROUTE 55  
PROPOSED APPROACH ROADWAY TYPICAL CROSS SECTIONS

SB  
STA 533+84.73 TO STA 534+84.73

NB  
STA 532+29.96 TO STA 533+29.96

• RECONSTRUCT SHOULDER TO BACK OF ABUTMENT SN 054-0054.

•• CONSTRUCT PROPOSED COMBINATION CONCRETE CURB AND GUTTER SAME THICKNESS AS ADJACENT BASE COURSE AND SURFACE COURSE.



**FAI ROUTE 55**  
**PROPOSED APPROACH ROADWAY TYPICAL CROSS SECTIONS**

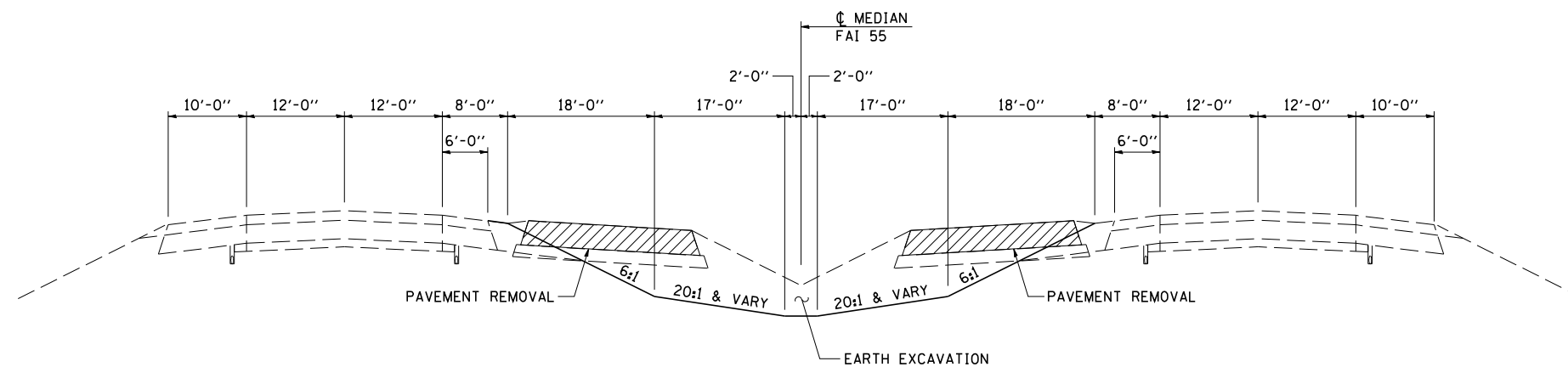
SB  
 STA 554+05.40 TO STA 555+05.40  
 STA 562+55.63 TO STA 563+60.63

OMISSIONS  
 CONNECTOR PAVEMENT: STA 555+05.40 TO STA 555+43.07  
 STA 562+13.30 TO STA 562+55.63  
 APPROACH PAVEMENT: STA 555+43.07 TO STA 555+55.46  
 STA 561+66.71 TO STA 562+13.30  
 SN 054-0056: STA 555+55.46 TO STA 561+66.71

▪ RECONSTRUCT SHOULDERS TO BACK  
 OF ABUTMENT SN 054-0056

NB  
 STA 553+83.64 TO STA 554+83.64  
 STA 562+33.87 TO STA 563+33.89

OMISSIONS  
 CONNECTOR PAVEMENT: STA 554+83.64 TO STA 555+25.97  
 STA 561+96.20 TO STA 562+33.87  
 APPROACH PAVEMENT: STA 555+25.97 TO STA 555+58.17  
 STA 561+66.71 TO STA 561+96.20  
 SN 054-0055: STA 555+38.17 TO STA 561+66.71



**FAI ROUTE 55**  
**PROPOSED CROSSOVER REMOVAL TYPICAL CROSS SECTIONS**  
 STA 522+69.11 TO STA 531+22.44

**EARTHWORK**

LOCATION	EXCAVATION CU YD	EXCAVATION ADJUSTED FOR SHRINKAGE CU YD	EMBANKMENT CU YD	EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-) CU YD	
<b>WEST CROSSOVER</b>					
STA 522+26 TO STA 531+70	505	380	1,435	-1,055	
<b>EAST CROSSOVER</b>					
STA 565+48 TO STA 574+98	480	360	1,830	-1,470	
<b>SHOULDER WIDENING FOR TYPE 1 TERMINALS</b>					
<b>SB MEDIAN</b>					
STA 532+24 TO STA 533+02			10	-10	
STA 552+82 TO STA 553+60			10	-10	
<b>NB MEDIAN</b>					
STA 542+05 TO STA 542+83			10	-10	
STA 543+69 TO STA 564+47			10	-10	
<b>SUBTOTAL</b>	<b>985</b>	<b>740</b>	<b>3,305</b>	<b>-2,565</b>	
<b>FINAL PHASE</b>					
STA 523+00 TO STA 532+00	2,005	1,505	250	1,255	
<b>TOTAL</b>	<b>2,990</b>	<b>2,245</b>	<b>3,555</b>		

SHRINKAGE FACTOR: 1.25  
FURNISHED EXCAVATION: 2,565 CU YD  
WASTE: 1,275 CU YD

**TEMPORARY EROSION CONTROL SEEDING**

LOCATION	POUNDS
<b>CROSSOVER</b>	
<b>PRESTAGE 1</b>	
STA 522+26.00 TO STA 526+43.00	23
STA 525+55.00 TO STA 528+48.00	6
STA 525+78.00 TO STA 528+17.00	4
STA 527+54.00 TO STA 531+71.00	26
STA 565+48.00 TO STA 569+66.00	31
STA 569+03.00 TO STA 571+40.00	4
STA 568+75.00 TO STA 571+68.00	6
STA 570+77.00 TO STA 574+96.00	25
<b>FINAL PHASE</b>	
STA 523+25.00 TO STA 531+75.00	157
<b>TOTAL</b>	<b>282</b>

**PERIMETER EROSION BARRIER**

LOCATION	FOOT
<b>CROSSOVERS</b>	
STA 522+26.00 TO STA 525+00.00	530
STA 565+48.00 TO STA 567+85.00	458
<b>SN 054-0053, 054-0054</b>	
STA 533+56.00 TO STA 538+38.00	482
<b>SN 054-0055, 054-0056</b>	
STA 555+24.00 TO STA 558+26.00	456
STA 555+58.00 TO STA 558+82.00	498
STA 559+21.00 TO STA 561+86.00	459
STA 558+82.00 TO STA 562+04.00	453
<b>TOTAL</b>	<b>3,336</b>

**INLET AND PIPE PROTECTION**

LOCATION	EACH
<b>CROSSOVER</b>	
<b>PRESTAGE 1</b>	
36.0' LT STA 525+57.00	1
34.85' LT STA 525+75.00	1
36.0' RT STA 525+80.00	1
28.30' LT STA 526+25.00	1
31.70' RT STA 526+25.00	1
1.50' RT STA 528+50.00	1
36.0' RT STA 568+77.50	1
34.15' RT STA 569+00.00	1
36.0' LT STA 569+05.50	1
31.95' LT STA 569+50.00	1
29.30' RT STA 569+50.00	1
4.05' LT STA 571+75.00	1
<b>TOTAL</b>	<b>12</b>

**SEEDING, CLASS 2**

LOCATION	SEEDING CLASS 2 ACRE	FERTILIZER NUTRIENTS 270 POUNDS/ACRE			AGRICULTURAL GROUND LIMESTONE 2 TON/ACRE TON	MULCH METHOD 2 2 TON/ACRE ACRE
		NITROGEN LB	PHOSPHORUS LB	POTASSIUM LB		
		<b>CROSSOVER</b>				
<b>PRESTAGE 1</b>						
STA 522+26.00 TO STA 526+43.00	0.23	20.70	20.70	20.70	0.46	0.23
STA 525+55.00 TO STA 528+48.00	0.06	5.40	5.40	5.40	0.12	0.06
STA 525+78.00 TO STA 528+17.00	0.04	3.60	3.60	3.60	0.08	0.04
STA 527+54.00 TO STA 531+71.00	0.26	23.40	23.40	23.40	0.52	0.26
STA 565+48.00 TO STA 569+66.00	0.31	27.90	27.90	27.90	0.62	0.31
STA 569+03.00 TO STA 571+40.00	0.04	3.60	3.60	3.60	0.08	0.04
STA 568+75.00 TO STA 571+68.00	0.06	5.40	5.40	5.40	0.12	0.06
STA 570+77.00 TO STA 574+96.00	0.25	22.50	22.50	22.50	0.50	0.25
<b>FINAL PHASE</b>						
STA 523+25.00 TO STA 531+75.00	1.57	141.30	141.30	141.30	3.14	1.57
<b>TOTAL</b>	<b>2.82</b>	<b>253.80</b>	<b>253.80</b>	<b>253.80</b>	<b>5.64</b>	<b>2.82</b>

**MAINTENANCE MOWING**

LOCATION	AREA SQ FT	CYCLES	QTY ACRE
<b>SB I-55 20' OUTSIDE OF OUTSIDE SHOULDER</b>			
STA 520+39.00 TO STA 536+09.00	30,655	4	2.81
STA 541+77.00 TO STA 555+84.00	28,135	4	2.58
STA 561+92.00 TO STA 576+11.00	28,360	4	2.6
<b>SB I-55 15' OUTSIDE OF MEDIAN SHOULDER</b>			
STA 520+39.00 TO STA 526+43.00	8,290	4	0.76
STA 525+55.00 TO STA 528+43.00	4,835	4	0.44
STA 527+54.00 TO STA 534+96.00	10,480	4	0.96
STA 540+75.00 TO STA 555+70.00	22,215	4	2.04
STA 561+78.00 TO STA 569+66.00	11,365	4	1.04
STA 569+03.00 TO STA 571+40.00	3,425	4	0.31
STA 570+77.00 TO STA 576+10.00	7,595	4	0.7
<b>NB I-55 15' OUTSIDE OF MEDIAN SHOULDER</b>			
STA 500+62.00 TO STA 526+43.00	38,265	4	3.51
STA 525+78.00 TO STA 528+17.00	3,840	4	0.35
STA 527+54.00 TO STA 534+32.00	9,555	4	0.88
STA 540+11.00 TO STA 555+61.00	23,250	4	2.13
STA 561+69.00 TO STA 569+66.00	11,140	4	1.02
STA 568+75.00 TO STA 571+68.00	4,985	4	0.46
STA 570+77.00 TO STA 576+10.00	7,180	4	0.66
<b>NB I-55 20' OUTSIDE OF OUTSIDE SHOULDER</b>			
STA 500+62.00 TO STA 533+36.00	65,480	4	6.01
STA 539+35.00 TO STA 555+50.00	32,300	4	2.97
STA 561+58.00 TO STA 576+10.00	29,040	4	2.67
<b>TOTAL</b>			<b>34.90</b>

**PIPE CULVERTS, CLASS D, TYPE 1 18"**

LOCATION	FOOT
STA 568+77.50 TO STA 569+00.00	22.0
STA 569+00.00 TO STA 569+50.00	48.0
STA 569+05.50 TO STA 569+50.00	43.0
STA 569+50.00 31.95' LT TO 2.2' LT	27.0
STA 569+50.00 2.2' LT TO 29.3' RT	25.0
<b>TOTAL</b>	<b>165.0</b>

**PIPE CULVERTS, CLASS D, TYPE 1 24"**

LOCATION	FOOT
STA 567+75.00 TO STA 569+50.00	174.0
STA 569+50.00 TO STA 571+75.00	223.0
<b>TOTAL</b>	<b>397.0</b>

**END SECTIONS 24"**

LOCATION	EACH
STA 525+07.50	1
STA 567+75.00	1
<b>TOTAL</b>	<b>2</b>

**TRENCH BACKFILL**

LOCATION	CU YD
LT STA 526+25	7.90
RT STA 526+25	7.96
STA 526+25.00 TO STA 527+67.00	59.90
LT STA 569+50	4.72
RT STA 569+51	8.69
STA 569+50.00 TO STA 571+00.00	61.25
<b>TOTAL</b>	<b>150.42</b>

**PIPE CULVERTS, CLASS D, TYPE 1 18" (TEMPORARY)**

LOCATION	FOOT
LT STA 525+57.00 TO STA 525+75.00	16.0
RT STA 525+80.00 TO STA 526+25.00	44.0
LT STA 525+75.00 TO STA 526+25.00	48.0
STA 526+25.00 28.3' LT TO 2' RT	28.0
STA 526+25.00 2' RT TO 31.7' RT	28.0
<b>TOTAL</b>	<b>164.0</b>

**PIPE CULVERTS, CLASS D, TYPE 1 24" (TEMPORARY)**

LOCATION	FOOT
STA 525+07.50 TO STA 526+25.00	116.0
STA 526+25.00 TO STA 528+50.00	222.0
<b>TOTAL</b>	<b>338.0</b>

**INLETS, TYPE B, WITH MEDIAN INLET (STANDARD 604106)**

LOCATION	FLOWLINE GRATE ELEV	FLOWLINE 18" (N) ELEV	FLOWLINE 18" (S) ELEV	FLOWLINE 18" (E) ELEV	FLOWLINE 18" (W) ELEV	EACH
28.30' LT STA 526+25.00	582.95		578.80		578.90	1
31.70' RT STA 526+25.00	583.20	578.80			578.90	1
1.50' RT STA 528+50.00	585.40				581.90	1
34.15' RT STA 569+00.00	591.49			588.30	588.30	1
31.95' LT STA 569+50.00	592.55		589.60		589.60	1
29.30' RT STA 569+50.00	591.82	588.00			588.00	1
4.05' LT STA 571+75.00	596.50				593.10	1
<b>TOTAL</b>						<b>8</b>

**MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID**

LOCATION	TOP OF LID ELEV	FLOWLINE 18" (N) ELEV	FLOWLINE 18" (S) ELEV	FLOWLINE 24" (E) ELEV	FLOWLINE 24" (W) ELEV	EACH
2.20' LT STA 569+50.00	593.1	589.10	587.80	587.80	587.80	1
<b>TOTAL</b>						<b>2</b>

**FLUSH INLET BOX FOR MEDIAN, STANDARD 542546**

LOCATION	FLOWLINE GRATE ELEV	FLOWLINE 18" (E) ELEV	EACH
36.0' RT STA 525+80.00	583.27	581.66	1
36.0' LT STA 569+05.50	592.34	591.05	1
36.0' RT STA 568+77.50	591.39	589.75	1
<b>TOTAL</b>			<b>4</b>

**REMOVE AND REPLACE INLET BOX GRATES**

LOCATION	EACH
<b>SN 054-0050</b>	
LT STA 15+32.00	2
<b>CROSSOVER</b>	
LT STA 529+29.00	3
LT STA 545+48.00	3
LT STA 568+83.00	3
RT STA 529+60.00	3
RT STA 545+29.00	3
RT STA 568+65.00	3
<b>TOTAL</b>	<b>20</b>



JOB = 2265.4  
FILE NAME = D672E10-shr-sched.dgn  
PLOT SCALE = 2.0000' / IN.  
PLOT DATE = 9/8/2011  
DESIGNED - NAK  
DRAWN - TJD  
CHECKED - NAK  
DATE - 8/12/2011  
REVISED -  
REVISED -  
REVISED -  
REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**FAI ROUTE 55  
SCHEDULES OF QUANTITIES**

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

F.A.I. RTE. SECTION COUNTY TOTAL SHEETS SHEET NO.  
55 D6 LOGAN CO BR 2011 LOGAN 224 13  
CONTRACT NO. 72E10  
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT

REMOVING MANHOLES		EACH
LOCATION		
2.00' RT STA 526+25.00		1
TOTAL		1

REMOVING INLETS		EACH
LOCATION		
34.85' LT STA 525+75.00		1
28.30' LT STA 526+25.00		1
31.70' RT STA 526+25.00		1
1.50' RT STA 528+50.00		1
TOTAL		4

MEDIAN INLET BOX REMOVAL		EACH
LOCATION		
36.0' LT STA 525+57.00		1
36.0' RT STA 525+80.00		1
TOTAL		2

PAVED SHOULDER REMOVAL				
LOCATION	THICKNESS	WIDTH	SQ YD	
<b>SN 054-0050</b>				
PRE-STAGE 1				
NB I-155 MEDIAN SHOULDER				
STA 12+66.50 TO STA 13+10.00	+/-12.25"	6'	29.00	

CROSSOVERS				
PRESTAGE 1				
SB OUTSIDE SHOULDER				
STA 525+31.00 TO STA 529+06.45	+/-12.25"	10	417.17	
STA 529+06.45 TO STA 529+21.35	+/-12.25"	8	13.24	
STA 529+21.35 TO STA 529+36.35	+/-12.25"	3.6	6.00	
STA 529+36.35 TO STA 535+69.03	+/-12.25"	8	562.38	
STA 541+37.22 TO STA 545+40.10	+/-13.75"	8	358.12	
STA 545+40.10 TO STA 545+55.10	+/-13.75"	3.6	6.00	
STA 545+55.10 TO STA 545+69.75	+/-13.75"	8	13.02	
STA 545+69.75 TO STA 555+79.67	+/-13.75"	10	1,122.13	

STA 561+87.97 TO STA 568+61.06	+/-13.75"	10	747.88	
STA 568+61.06 TO STA 568+76.15	+/-13.75"	8	13.41	

SB MEDIAN SHOULDER				
STA 522+26.00 TO STA 525+55.00	+/-12.25"	6	219.33	
STA 528+42.50 TO STA 531+70.00	+/-12.25"	6	218.33	
STA 565+76.00 TO STA 569+03.45	+/-13.75"	6	218.30	
STA 571+39.60 TO STA 574+68.00	+/-13.75"	6	218.93	

NB MEDIAN SHOULDER				
STA 522+50.00 TO STA 525+78.00	+/-12.25"	6	218.67	
STA 528+17.40 TO STA 531+47.00	+/-12.25"	6	219.73	
STA 565+48.00 TO STA 568+75.45	+/-12.25"	6	218.30	
STA 571+67.90 TO STA 574+96.00	+/-12.25"	6	218.73	

STAGE 1				
NB OUTSIDE SHOULDER				
STA 526+99.95 TO STA 529+37.50	+/-12.25"	10	263.94	
STA 529+37.50 TO STA 529+52.10	+/-12.25"	8	12.98	
STA 529+52.10 TO STA 529+67.10	+/-12.25"	3.6	6.00	
STA 529+67.10 TO STA 533+70.00	+/-12.25"	8	358.13	

STA 539+39.56 TO STA 545+21.15	+/-12.25"	8	516.97	
STA 545+21.15 TO STA 545+36.15	+/-12.25"	3.6	6.00	
STA 545+36.15 TO STA 545+50.70	+/-12.25"	8	12.93	
STA 545+50.70 TO STA 555+51.30	+/-12.25"	10	1,111.78	

STA 561+59.60 TO STA 568+43.10	+/-12.25"	10	759.44	
STA 568+43.10 TO STA 568+60.00	+/-12.25"	8	15.02	

<b>SN 054-0053, 054-0054</b>				
STAGE 1				
NB MEDIAN SHOULDER				
STA 533+29.96 TO STA 534+11.26	+/-12.25"	6	54.20	
STA 539+82.41 TO STA 540+35.82	+/-12.25"	6	35.61	
STAGE 2				
SB MEDIAN SHOULDER				
STA 534+76.44 TO STA 535+26.07	+/-12.25"	6	33.09	
STA 540+95.98 TO STA 541+90.61	+/-13.75"	6	63.09	

<b>SN 054-0055, 054-0056</b>				
STAGE 1				
NB I-55 MEDIAN SHOULDER				
STA 554+83.64 TO STA 555+57.11	+/-12.25"	6	48.98	
STA 561+66.20 TO STA 562+33.87	+/-12.25"	6	45.11	
STAGE 2				
SB MEDIAN SHOULDER				
STA 555+05.40 TO STA 555+72.58	+/-12.25"	6	44.79	
STA 561+82.15 TO STA 562+55.63	+/-13.75"	6	48.99	

TOTAL				
			8,475.72	

COMBINATION CURB AND GUTTER REMOVAL			FOOT
LOCATION			
<b>SN 054-0054</b>			
STAGE 1			
SB I-55 OUTSIDE SHOULDER			
STA 533+84.72 TO STA 535+70.37			185.75
STA 541+49.64 TO STA 542+90.61			141.00

<b>SN 054-0053</b>			
STAGE 2			
NB I-55 OUTSIDE SHOULDER			
STA 532+29.96 TO STA 533+60.28			130.50
STA 539+38.18 TO STA 541+35.82			197.75
TOTAL			
			655.00

PAVEMENT REMOVAL			
LOCATION	WIDTH	SQ YD	
<b>SN 054-0053, 054-0054</b>			
STAGE 1			
NB I-55			
STA 540+23.80 TO STA 540+35.82	24.00'	32.05	
STAGE 2			
SB I-55			
STA 541+78.58 TO STA 541+90.61	24.00'	32.08	
SB I-55 OUTSIDE SHOULDER			
STA 534+84.73 TO STA 535+63.46	8.00'	69.98	
STA 541+42.76 TO STA 541+90.61	8.00'	42.53	

<b>SN 054-0055, 054-0056</b>			
STAGE 1			
STA 554+83.64 TO STA 555+11.31	24.00'	73.79	
STA 562+06.20 TO STA 562+33.87	24.00'	73.79	
STAGE 2			
SB I-55			
STA 555+05.40 TO STA 555+33.07	24.00'	73.79	
STA 562+27.97 TO STA 562+55.63	24.00'	73.76	
SB I-55 OUTSIDE SHOULDER			
STA 555+05.40 TO STA 555+78.70	10.00'	81.44	
STA 561+88.94 TO STA 562+55.63	10.00'	74.10	

<b>CROSSOVER</b>			
FINAL PHASE			
STA 522+69.11 TO STA 531+22.44	VARY	2,141.33	
TOTAL			
			2,768.64

APPROACH SLAB REMOVAL		
LOCATION	WIDTH	SQ YD

<b>SN 054-0053, 054-0054</b>		
STAGE 1		
NB I-55		
STA 533+29.96 TO STA 533+86.54	24.00'	150.88
STA 539+65.82 TO STA 540+23.80	24.00'	154.61
STAGE 2		
SB I-55		
STA 534+84.73 TO STA 535+41.34	24.00'	150.96
STA 541+20.63 TO STA 541+77.22	24.00'	150.91

<b>SN 054-0055, 054-0056</b>		
STAGE 1		
NB I-55		
STA 555+11.31 TO STA 555+53.64	24.00'	112.88
STA 561+63.87 TO STA 562+06.20	24.00'	112.88
STAGE 2		
SB I-55		
STA 555+33.07 TO STA 555+75.40	24.00'	112.88
STA 561+85.63 TO STA 562+27.97	24.00'	112.91
TOTAL		
		1,058.91

CROSSOVER PAVEMENT				
LOCATION	SUBBASE GRANULAR MATERIAL, TYPE A	HOT-MIX ASPHALT BASE COURSE	POLYMERIZED HMA SURF CSE, MIX "E" N105	
	8" SQ YD	10 1/2" SQ YD	1 1/2" TON	
STA 522+26.00 TO STA 531+70.00	3,375.11	3,009.33	252.78	
STA 565+48.00 TO STA 574+96.00	3,370.22	3,006.44	252.54	
TOTAL	6,745.33	6,015.77	505.32	

SHOULDER RECONSTRUCTION				
LOCATION	WIDTH	HOT-MIX ASPHALT BASE COURSE	HMA SURF CSE, MIX "E" N105	
	FOOT	10 3/4" SQ YD	12 1/4" SQ YD	1 1/2" TON

<b>SN 054-0050</b>				
PRE-STAGE 1				
STA 12+66.50 TO STA 13+10.00	6	29.00		2.44

<b>SN 054-0053, 0054, 0055, 0056</b>				
PRESTAGE 1				
SB OUTSIDE SHOULDER				
STA 525+31.00 TO STA 529+06.45	10	417.17		35.04
STA 529+06.45 TO STA 529+21.35	8	13.24		1.11
STA 529+21.35 TO STA 529+36.35	3.6	6.00		0.50
STA 529+36.35 TO STA 535+69.03	8	562.38		47.24
STA 541+37.22 TO STA 545+40.10	8		358.12	30.08
STA 545+40.10 TO STA 545+55.10	3.6		6.00	0.50
STA 545+55.09 TO STA 545+69.75	8		13.03	1.09
STA 545+69.75 TO STA 555+79.67	10		1,122.13	94.26
STA 561+87.97 TO STA 568+61.06	10		747.88	62.82
STA 568+61.06 TO STA 568+76.15	8		13.41	1.13

STAGE 1				
NB OUTSIDE SHOULDER				
STA 526+99.96 TO STA 529+37.50	10	263.93		22.17
STA 529+37.50 TO STA 529+52.10	8	12.98		1.09
STA 529+52.10 TO STA 529+67.10	3.6	6.00		0.50
STA 529+67.10 TO STA 532+97.99	8	294.12		24.71

STA 540+35.82 TO STA 545+21.15	8	431.40		36.24
STA 545+21.15 TO STA 545+36.15	3.6	6.00		0.50
STA 545+36.15 TO STA 545+50.70	8	12.93		1.09
STA 545+50.70 TO STA 554+83.64	10	1,036.60		87.07
STA 562+33.87 TO STA 568+43.01	10	676.82		56.85
STA 568+43.01 TO STA 568+60.00	8	15.10		1.27
TOTAL				
		3,754.67	2,260.57	507.70

HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT		
LOCATION	WIDTH	SQ YD

<b>SN 054-0053, 054-0054</b>		
STAGE 1		
NB I-55		
STA 532+29.96 TO STA 532+59.96	38.00'	126.67
STA 541+05.82 TO STA 541+35.82	38.00'	126.67
STAGE 2		
SB I-55		
STA 533+84.73 TO STA 534+14.73	38.00'	126.67
STA 542+60.61 TO STA 542+90.61	38.00'	126.67

<b>SN 054-0055, 054-0056</b>		
STAGE 1		
NB I-55		
STA 553+83.64 TO STA 554+13.64	40.00'	133.33
STA 563+03.87 TO STA 563+33.87	40.00'	133.33
STAGE 2		
SB I-55		
STA 554+05.40 TO STA 554+35.40	40.00'	133.33
STA 563+30.63 TO STA 563+60.63	40.00'	133.33
TOTAL		
		1,040.00



JOB = 2265.4  
 FILE NAME = D672E10-shr-sched.dgn  
 PLOT SCALE = 2.0000' / IN.  
 PLOT DATE = 9/8/2011

DESIGNED - NAK  
 DRAWN - TJD  
 CHECKED - NAK  
 DATE - 8/12/2011

REVISED -  
 REVISED -  
 REVISED -  
 REVISED -

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

FAI ROUTE 55  
 SCHEDULES OF QUANTITIES  
 SCALE: SHEET NO. OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	D6 LOGAN CO BR 2011	LOGAN	224	14
CONTRACT NO. 72E10				
FED. ROAD DIST. NO.   ILLINOIS FED. AID PROJECT				



BITUMINOUS MATERIALS (PRIME COAT)			
LOCATION	WIDTH	TON	
<b>CROSSOVERS</b>			
PRE-STAGE 1			
NB I-55			
STA 525+78.00 TO STA 526+03.00	6'	0.01	
STA 527+92.00 TO STA 528+17.00	6'	0.01	
STA 568+75.45 TO STA 569+00.45	6'	0.01	
STA 571+42.90 TO STA 571+67.90	6'	0.01	
SB I-55			
STA 525+55.00 TO STA 525+80.00	6'	0.01	
STA 528+17.50 TO STA 528+42.50	6'	0.01	
STA 569+03.45 TO STA 569+28.45	6'	0.01	
STA 571+14.60 TO STA 571+39.60	6'	0.01	
<b>SN 054-0053, 054-0054</b>			
STAGE 1			
NB I-55			
STA 532+29.96 TO STA 532+97.99	38'	0.11	
STA 540+35.82 TO STA 541+35.82	38'	0.16	
STAGE 2			
SB I-55			
STA 533+84.73 TO STA 534+84.73	38'	0.16	
STA 541+90.61 TO STA 542+90.61	38'	0.16	
<b>SN 054-0055, 054-0056</b>			
STAGE 1			
NB I-55			
STA 553+83.64 TO STA 554+83.64	40'	0.17	
STA 562+33.87 TO STA 563+33.87	40'	0.17	
STAGE 2			
SB I-55			
STA 554+05.40 TO STA 555+05.40	40'	0.17	
STA 562+55.63 TO STA 563+60.63	40'	0.18	
TOTAL		1.36	

POLYMERIZED LEVELING BINDER (MACHINE METHOD), N105			
LOCATION	WIDTH	TON	
<b>SN 054-0053, 054-0054</b>			
STAGE 1			
NB I-55			
STA 540+35.82 TO STA 541+35.82	24'	22.40	
STAGE 2			
SB I-55			
STA 533+84.73 TO STA 534+84.73	24'	22.40	
STA 541+90.61 TO STA 542+90.61	24'	22.40	
<b>SN 054-0055, 054-0056</b>			
STAGE 2			
SB I-55			
STA 554+05.40 TO STA 555+05.40	24'	22.40	
STA 562+55.63 TO STA 563+60.63	24'	23.52	
TOTAL		113.12	

POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "E", N105			
LOCATION	WIDTH	TON	
<b>SN 054-0053, 054-0054</b>			
STAGE 1			
NB I-55			
STA 532+29.96 TO STA 533+29.96	24'	22.40	
STA 540+35.82 TO STA 541+35.82	24'	22.40	
STAGE 2			
SB I-55			
STA 533+84.73 TO STA 534+84.73	24'	22.40	
STA 541+90.61 TO STA 542+90.61	24'	22.40	
<b>SN 054-0055, 054-0056</b>			
STAGE 1			
NB I-55			
STA 553+83.64 TO STA 554+83.64	24'	22.40	
STA 562+33.87 TO STA 563+33.87	24'	22.40	
STAGE 2			
SB I-55			
STA 554+05.40 TO STA 555+05.40	24'	22.40	
STA 562+55.63 TO STA 563+60.63	24'	23.52	
TOTAL		180.32	

BRIDGE APPROACH PAVEMENT CONNECTOR (PCC)			
LOCATION		SQ YD	
<b>SN 054-0053, 054-0054</b>			
STAGE 1			
NB I-55			
STA 532+97.99 TO STA 533+81.42		143.75	
STA 539+64.85 TO STA 540+35.82		195.62	
STAGE 2			
SB I-55			
STA 534+76.44 TO STA 535+42.29		140.57	
STA 541+25.76 TO STA 541+90.61		166.36	
<b>SN 054-0055, 054-0056</b>			
STAGE 1			
NB I-55			
STA 554+83.64 TO STA 555+27.14		175.92	
STA 561+89.59 TO STA 562+33.87		179.39	
STAGE 2			
SB I-55			
STA 555+05.40 TO STA 555+49.68		179.35	
STA 562+12.13 TO STA 562+55.63		176.06	
TOTAL		1,357.02	

AGGREGATE SHOULDERS, TYPE B			
LOCATION	WIDTH	TON	
PRE-STAGE 1			
NB I-155 MEDIAN SHOULDER			
STA 12+66.50 TO STA 13+10.00	+/-12.25"	6'	1.65

CROSSOVERS			
PRESTAGE 1			
SB OUTSIDE SHOULDER			
STA 525+31.00 TO STA 529+06.45	+/-12.25"	10	14.25
STA 545+69.75 TO STA 554+05.40	+/-13.75"	10	31.72
STA 563+60.62 TO STA 568+61.06	+/-13.75"	10	19.00
STAGE 1			
NB OUTSIDE SHOULDER			
STA 526+99.95 TO STA 529+37.50	+/-12.25"	10	9.02
STA 545+50.70 TO STA 553+83.64	+/-12.25"	10	31.62
STA 563+33.88 TO STA 568+43.10	+/-12.25"	10	19.33

<b>SN 054-0053</b>			
NB I-55 MEDIAN SHOULDER			
STA 532+29.96 TO STA 533+81.42		5'	9.58
STA 540+21.28 TO STA 541+35.82		5'	7.25
STAGE 2			
SN 054-0054			
SB I-55 MEDIAN SHOULDER			
STA 533+84.73 TO STA 534+86.44		5'	6.44
STA 541+25.16 TO STA 542+90.61		5'	10.47

STAGE 1			
SN 054-0055			
NB I-55 MEDIAN SHOULDER			
STA 553+83.64 TO STA 555+27.14		5'	9.08
STA 561+97.37 TO STA 563+33.87		5'	8.64
NB I-55 OUTSIDE SHOULDER			
STA 553+83.64 TO STA 555+35.38		3'	5.76
STA 561+89.59 TO STA 563+33.87		3'	5.48
STAGE 2			
SN 054-0056			
SB I-55 MEDIAN SHOULDER			
STA 554+05.40 TO STA 555+41.90		5'	8.64
STA 562+12.20 TO STA 563+60.63		5'	9.39
SB I-55 OUTSIDE SHOULDER			
STA 554+05.40 TO STA 555+49.67		3'	5.48
STA 562+20.49 TO STA 563+60.63		3'	5.32
TOTAL			218.12

AGGREGATE SHOULDERS, TYPE B 6"		
LOCATION	WIDTH	SQ YD
PRE-STAGE 1		
NB I-55 MEDIAN SHOULDER		
STA 530+50.00 TO STA 531+47.00	4'	43.11
STA 571+50.00 TO STA 574+96.00	4'	153.78
TOTAL		196.89

HOT-MIX ASPHALT SHOULDERS, 8"		
LOCATION	WIDTH	SQ YD
PRE-STAGE 1		
NB I-55 MEDIAN SHOULDER		
STA 530+50.00 TO STA 531+57.00	2'	23.78
STA 571+50.00 TO STA 574+96.00	2'	76.89
TOTAL		100.67

HOT-MIX ASPHALT SHOULDERS		
LOCATION	WIDTH	TON
PRE-STAGE 1		
NB I-55 MEDIAN SHOULDER		
STA 525+78.00 TO STA 526+03.00	6.00'	2.80
STA 527+92.00 TO STA 528+17.00	6.00'	2.80
STA 568+75.45 TO STA 569+00.45	6.00'	2.80
STA 571+42.90 TO STA 571+67.90	6.00'	2.80
SB I-55 MEDIAN SHOULDER		
STA 525+55.00 TO STA 525+80.00	6.00'	2.80
STA 528+17.50 TO STA 528+42.50	6.00'	2.80
STA 569+03.45 TO STA 569+28.45	6.00'	2.80
STA 571+14.60 TO STA 571+39.60	6.00'	2.80
STAGE 1		
NB I-55 MEDIAN SHOULDER		
SN 054-0053		
STA 532+29.96 TO STA 533+29.96	6'	5.82
STA 540+35.82 TO STA 541+35.82	6'	8.51
SN 054-0055		
STA 553+83.64 TO STA 554+83.64	6'	6.27
STA 562+33.87 TO STA 563+33.87	6'	5.82

NB I-55 OUTSIDE SHOULDER		
SN 054-0053		
STA 532+29.96 TO STA 532+97.99	8'	5.28
STA 540+35.82 TO STA 541+35.82	8'	11.65
SN 054-0055		
STA 553+83.64 TO STA 554+83.64	10'	10.45
STA 562+33.87 TO STA 563+33.87	10'	10.08
STAGE 2		
SB I-55 MEDIAN SHOULDER		
SN 054-0054		
STA 533+84.73 TO STA 534+97.99	6'	13.19
STA 541+90.61 TO STA 542+90.61	6'	11.87
SN 054-0056		
STA 554+05.40 TO STA 555+05.40	6'	5.38
STA 562+55.63 TO STA 563+60.63	6'	12.94
SB I-55 OUTSIDE SHOULDER		
SN 054-0054		
STA 533+84.73 TO STA 534+84.73	8'	15.53
STA 541+90.61 TO STA 542+90.61	8'	15.83
SN 054-0056		
STA 554+05.40 TO STA 555+05.40	10'	8.96
STA 562+55.63 TO STA 563+60.63	10'	21.56
TOTAL		191.54

SHOULDER RUMBLE STRIPS	
LOCATION	FOOT
<b>SN 054-0050</b>	
NB I-155 MEDIAN SHOULDER	
STA 12+66.50 TO STA 13+10.00	43.50

<b>SN 054-0053, 054-0054</b>	
NB I-55 MEDIAN SHOULDER	
STA 532+29.96 TO STA 533+29.96	100.00
STA 540+35.82 TO STA 541+35.82	100.00
NB I-55 OUTSIDE SHOULDER	
STA 532+29.96 TO STA 532+97.99	68.03
STA 540+35.82 TO STA 541+35.82	100.00
SB I-55 MEDIAN SHOULDER	
STA 533+84.73 TO STA 534+76.44	91.71
STA 541+90.61 TO STA 542+90.61	100.00
SB I-55 OUTSIDE SHOULDER	
STA 533+84.73 TO STA 534+84.73	100.00
STA 541+90.61 TO STA 542+90.61	100.00

<b>SN 054-0055, 054-0056</b>	
NB I-55 MEDIAN SHOULDER	
STA 553+83.64 TO STA 554+83.64	100.00
STA 562+33.87 TO STA 563+33.87	100.00
NB I-55 OUTSIDE SHOULDER	
STA 553+83.64 TO STA 554+83.64	100.00
STA 562+33.87 TO STA 563+33.87	100.00
SB I-55 MEDIAN SHOULDER	
STA 554+05.40 TO STA 555+05.40	100.00
STA 562+55.63 TO STA 563+60.63	105.00
SB I-55 OUTSIDE SHOULDER	
STA 554+05.40 TO STA 555+05.40	100.00
STA 562+55.63 TO STA 563+60.63	105.00

CROSSOVER	
NB I-55 OUTSIDE SHOULDER	
STA 526+99.95 TO STA 532+29.96	530.02
STA 541+35.82 TO STA 553+83.64	1,247.82
STA 563+33.87 TO STA 568+60.00	526.13
NB I-55 MEDIAN SHOULDER	
STA 522+50.00 TO STA 525+78.00	328.00
STA 528+17.40 TO STA 531+47.00	329.60
STA 565+48.00 TO STA 568+75.45	327.45
STA 571+67.90 TO STA 574+96.00	328.10
SB I-55 MEDIAN SHOULDER	
STA 522+26.00 TO STA 525+55.00	329.00
STA 528+42.50 TO STA 531+70.00	327.50
STA 565+76.00 TO STA 569+03.45	327.45
STA 571+39.60 TO STA 574+68.00	328.41
SB I-55 OUTSIDE SHOULDER	
STA 525+31.00 TO STA 533+84.73	853.74
STA 542+90.61 TO STA 554+05.40	1,114.79
STA 563+60.63 TO STA 568+76.15	515.53
TOTAL	9,026.78

COMBINATION CURB AND GUTTER, TYPE B-6.24	
LOCATION	FOOT
STAGE 1	
SN 054-0053	
NB I-55	
STA 532+29.96 TO STA 533+60.28	130.50
STA 539+39.56 TO STA 541+35.82	196.50
STAGE 2	
SN 054-0054	
SB I-55	
STA 533+84.73 TO STA 535+70.37	185.75
STA 541+49.64 TO STA 542+90.61	141.00
TOTAL	653.75



JOB = 2265.4  
FILE NAME = D672E10-shr-sched.dgn  
PLOT SCALE = 2.0000 "/> IN.  
PLOT DATE = 9/8/2011

DESIGNED - NAK  
DRAWN - TJD  
CHECKED - NAK  
DATE - 8/12/2011

REVISED -  
REVISED -  
REVISED -  
REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

FAI ROUTE 55  
SCHEDULES OF QUANTITIES

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	D6 LOGAN CO BR 2011	LOGAN	224	15
FED. ROAD DIST. NO.				CONTRACT NO. 72E10

HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH		
LOCATION	WIDTH	SQ YD
<b>PRE-STAGE 1</b>		
NB I-55		
STA 525+78.00 TO STA 526+03.00	6.00'	16.67
STA 527+92.00 TO STA 528+17.00	6.00'	16.67
STA 568+75.45 TO STA 569+00.45	6.00'	16.67
STA 571+42.90 TO STA 571+67.90	6.00'	16.67
SB I-55		
STA 525+55.00 TO STA 525+80.00	6.00'	16.67
STA 528+17.50 TO STA 528+42.50	6.00'	16.67
STA 569+03.45 TO STA 569+28.45	6.00'	16.67
STA 571+14.60 TO STA 571+39.60	6.00'	16.67
<b>TOTAL</b>		<b>100.02</b>

TEMPORARY STEEL PLATE BEAM GUARDRAIL, TYPE A		FOOT
<b>CROSSOVER</b>		
PRESTAGE		
SB I-55 MEDIAN		
STA 533+08.30 TO STA 534+58.30		150.0
STA 553+66.63 TO STA 555+16.53		150.0
STAGE 1		
NB I-55 MEDIAN		
STA 540+48.85 TO STA 541+98.85		150.0
STA 562+24.49 TO STA 563+74.49		150.0
<b>TOTAL</b>		<b>600.0</b>

TEMPORARY TRAFFIC BARRIER TERMINAL, TYPE 6		EACH
<b>CROSSOVER</b>		
PRESTAGE		
SB I-55 MEDIAN		
STA 534+58.30 TO STA 535+01.45		1
STA 555+16.63 TO STA 555+59.78		1
STAGE 1		
NB I-55 MEDIAN		
STA 540+05.70 TO STA 540+48.85		1
STA 561+81.34 TO STA 562+24.49		1
<b>TOTAL</b>		<b>4</b>

TEMPORARY TRAFFIC BARRIER TERMINAL, TYPE 1, SPECIAL (TANGENT)		EACH
<b>CROSSOVER</b>		
PRESTAGE		
SB I-55 MEDIAN		
STA 532+58.30 TO STA 533+08.30		1
STA 553+16.63 TO STA 553+66.63		1
STAGE 1		
NB I-55 MEDIAN		
STA 544+98.85 TO STA 542+48.85		1
STA 563+74.49 TO STA 564+24.49		1
<b>TOTAL</b>		<b>4</b>

REMOVE AND REERECT TRAFFIC BARRIER TERMINAL, TYPE 1 SPECIAL, TANGENT		EACH
<b>CROSSOVER</b>		
PRESTAGE		
NB I-55 MEDIAN		
STA 530+51.76 TO STA 531+01.77		1
STA 571+53.18 TO STA 572+02.50		1
<b>TOTAL</b>		<b>2</b>

REMOVE AND REERECT STEEL PLATE BEAM GUARDRAIL, TYPE A		FOOT
<b>SN 054-0053, 054-0054</b>		
STAGE 1		
NB I-55 MEDIAN		
STA 532+51.74 TO STA 533+52.41		100.0
NB I-55 OUTSIDE		
STA 532+10.50 TO STA 532+98.00		87.5
STA 539+65.09 TO STA 541+40.09		175.0
STAGE 2		
SB I-55 MEDIAN		
STA 541+53.88 TO STA 542+91.38		137.5
SB I-55 OUTSIDE		
STA 533+78.70 TO STA 535+41.20		162.5
STA 542+09.17 TO STA 542+96.67		87.5

<b>SN 054-0055, 054-0056</b>		
STAGE 1		
NB I-55 MEDIAN		
STA 553+75.00 TO STA 555+00.00		125.0
NB I-55 OUTSIDE		
STA 553+79.73 TO STA 554+92.23		112.5
STAGE 2		
SB I-55 MEDIAN		
STA 562+39.25 TO STA 563+64.24		125.0
SB I-55 OUTSIDE		
STA 562+47.03 TO STA 563+72.03		125.0

<b>CROSSOVER</b>		
PRESTAGE		
NB I-55 MEDIAN		
STA 531+01.77 TO STA 531+51.74		50.0
STA 572+02.90 TO STA 574+96.56		300.0
<b>TOTAL</b>		<b>1,587.5</b>

REMOVE AND REERECT TRAFFIC BARRIER TERMINALS, TYPE 5		EACH
<b>SN 054-0053, 054-0054</b>		
STAGE 2		
NB I-55 OUTSIDE		
STA 539+50.42 TO STA 539+65.09		1
SB I-55 OUTSIDE		
STA 535+41.20 TO STA 535+55.86		1
<b>TOTAL</b>		<b>2</b>

REMOVE AND REERECT TRAFFIC BARRIER TERMINALS, TYPE 6		EACH
<b>SN 054-0053, 054-0054</b>		
STAGE 1		
NB I-55 MEDIAN		
STA 533+52.41 TO STA 533+93.55		1
NB I-55 OUTSIDE		
STA 532+98.00 TO STA 533+41.13		1
STAGE 2		
SB I-55 MEDIAN		
STA 541+10.73 TO STA 541+53.88		1
SB I-55 OUTSIDE		
STA 541+66.02 TO STA 542+09.17		1

<b>SN 054-0055, 054-0056</b>		
STAGE 1		
NB I-55 MEDIAN		
STA 555+00.00 TO STA 555+43.16		1
NB I-55 OUTSIDE		
STA 554+92.23 TO STA 555+35.38		1
STAGE 2		
SB I-55 MEDIAN		
STA 561+96.10 TO STA 562+39.25		1
SB I-55 OUTSIDE		
STA 562+03.88 TO STA 562+47.02		1
<b>TOTAL</b>		<b>8</b>

GUARDRAIL MARKERS TYPE A		EACH
<b>SN 054-0053, 054-0054</b>		
NB I-55 OUTSIDE		
STA 532+10.50 TO STA 533+41.14		2
STA 539+50.42 TO STA 541+40.09		3
NB I-55 MEDIAN		
STA 532+02.41 TO STA 533+95.56		3
SB I-55 OUTSIDE		
STA 533+78.68 TO STA 535+55.86		3
STA 541+66.01 TO STA 542+96.67		2
SB I-55 MEDIAN		
STA 541+10.73 TO STA 542+91.38		3
<b>SN 054-0055, 054-0056</b>		
NB I-55 OUTSIDE		
STA 553+80.38 TO STA 555+35.38		2
NB I-55 MEDIAN		
STA 553+75.01 TO STA 555+43.15		3
SB I-55 OUTSIDE		
STA 562+03.88 TO STA 563+72.01		3
SB I-55 MEDIAN		
STA 561+96.10 TO STA 563+64.24		3
<b>TOTAL</b>		<b>27</b>

BARRIER WALL MARKERS		
LOCATION	TYPE B EACH	TYPE C EACH
<b>SN 054-0053, 054-0054</b>		
NB I-55 OUTSIDE		
STA 533+41.14 TO STA 539+50.42	8	8
NB I-55 MEDIAN		
STA 533+95.56 TO STA 540+05.70	8	8
SB I-55 OUTSIDE		
STA 535+55.86 TO STA 541+66.01	8	8
SB I-55 MEDIAN		
STA 535+01.44 TO STA 541+10.73	8	8

<b>SN 054-0055, 054-0056</b>		
NB I-55 OUTSIDE		
STA 555+35.38 TO STA 561+73.56	8	8
NB I-55 MEDIAN		
STA 555+43.15 TO STA 561+81.34	8	8
SB I-55 OUTSIDE		
STA 555+65.70 TO STA 562+03.88	8	8
SB I-55 MEDIAN		
STA 555+57.92 TO STA 561+96.10	8	8
<b>TOTAL</b>	<b>64</b>	<b>64</b>

TEMPORARY CONCRETE BARRIER				FOOT
<b>SN 054-0050</b>				
STAGE 1				
NB I-55				
STA 13+45.35 TO STA 15+31.90	12:1 TAPER			187.5
STA 15+31.90 TO STA 17+69.75	TANGENT			237.5

<b>CROSSOVERS</b>				
STAGE 1				
STA 527+71.27 TO STA 568+70.60				4,100.0
STA 568+70.60 TO STA 569+95.20	12:1 TAPER			125.0
<b>TOTAL</b>				<b>4,650.0</b>

RELOCATE TEMPORARY CONCRETE BARRIER				FOOT
<b>SN 054-0050</b>				
STAGE 2				
NB I-55				
STA 13+45.35 TO STA 15+31.90	12:1 TAPER			187.5
STA 15+31.90 TO STA 17+69.75	TANGENT			237.5

<b>CROSSOVERS</b>				
STAGE 2				
STA 527+67.35 TO STA 529+35.00				175.0
STA 529+35.00 TO STA 569+85.00				4,050.0
<b>TOTAL</b>				<b>4,650.0</b>

TEMPORARY MODULAR GLARE SCREEN			FOOT
STAGE 1			
STA 528+00.00 TO STA 534+00.00			600
<b>TOTAL</b>			<b>600</b>

RELOCATE MODULAR GLARE SCREEN			FOOT
STAGE 2			
STA 563+15.00 TO STA 569+15.00			600
<b>TOTAL</b>			<b>600</b>

IMPACT ATTENUATORS, TEMPORARY (FULLY REDIRECTIVE, NARROW), TEST LEVEL 3			EACH
<b>SN 054-0050</b>			
STAGE 1			
NB I-155			
STA 13+45.35			1
NB I-55			
STA 569+90.60			1
<b>TOTAL</b>			<b>2</b>

IMPACT ATTENUATORS, RELOCATE (FULLY REDIRECTIVE), TEST LEVEL 3			EACH
<b>SN 054-0050</b>			
STAGE 2			
NB I-155			
STA 13+45.35			1
NB I-55			
STA 527+67.35			1
<b>TOTAL</b>			<b>2</b>

MEDIAN CLOSURE			EACH
SB I-55			
STA 524+20.00 TO STA 531+20.00			1
STA 569+85.00 TO STA 576+85.00			1
NB I-55			
STA 523+00.00 TO STA 530+00.00			1
STA 565+98.00 TO STA 572+98.00			1
<b>TOTAL</b>			<b>4</b>

RAISED REFLECTIVE PAVEMENT MARKER			EACH
<b>SN 054-0053, 0054</b>			
NB I-55			
STA 532+29.96 TO STA 541+35.82			12
SB I-55			
STA 533+84.73 TO STA 542+90.61			12
<b>SN 054-0055, 0056</b>			
NB I-55			
STA 553+83.64 TO STA 563+33.87			12
SB I-55			
STA 554+05.40 TO STA 563+55.63			12
<b>TOTAL</b>			<b>48</b>



JOB = 2265.4  
 FILE NAME = D672E10-shr-sched.dgn  
 PLOT SCALE = 2.0000' / IN.  
 PLOT DATE = 9/8/2011

DESIGNED - NAK  
 DRAWN - TJD  
 CHECKED - NAK  
 DATE - 8/12/2011

REVISED -  
 REVISED -  
 REVISED -  
 REVISED -

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

FAI ROUTE 55  
 SCHEDULES OF QUANTITIES

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	D6 LOGAN CO BR 2011	LOGAN	224	16
FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT	
			CONTRACT NO. 72E10	

URETHANE PAVEMENT MARKING - LINE 5"

LOCATION	DESCRIPTION	WHITE SKIP DASH FOOT	SOLID YELLOW LINE FOOT	SOLID WHITE LINE FOOT	TOTAL FOOT
<b>SN 054-0050</b>					
NB I-155					
STA 395+56.00	TO STA 398+94.34	SKIP DASH			90.00
STA 1+15.00	TO STA 7+87.00	SKIP DASH			170.00
STA 12+87.00	TO STA 19+92.10	MEDIAN EDGE LINE	705.10		705.10
STA 12+87.00	TO STA 19+92.10	OUTSIDE EDGE LINE		706.10	706.10
<b>CROSSOVERS</b>					
FINAL PHASE					
NB I-55					
STA 500+62.00	TO STA 574+76.00	SKIP DASH	1,860.00		1,860.00
STA 500+62.00	TO STA 574+76.00	OUTSIDE EDGE LINE		7,414.00	7,414.00
STA 500+62.00	TO STA 574+76.00	MEDIAN EDGE LINE		7,414.00	7,414.00
					0.00
					0.00
SB I-55					
STA 522+47.00	TO STA 596+56.00	OUTSIDE EDGE LINE		7,409.00	7,409.00
STA 522+47.00	TO STA 596+56.00	MEDIAN EDGE LINE	7,409.00		7,409.00
STA 522+47.00	TO STA 596+56.00	SKIP DASH	1,860.00		1,860.00
TOTAL			3,980.00	15,528.10	15,529.10

PAVEMENT MARKING REMOVAL

LOCATION	DESCRIPTION	LINE WIDTH INCHES	QTY SQ FT
<b>SN 054-0050</b>			
STAGE 1			
NB I-155			
STA 397+68.50	TO STA 398+94.34	SKIP DASH	5 20.83
STA 1+15.00	TO STA 7+87.00	SKIP DASH	5 75.00
STA 12+87.00	TO STA 19+65.00	MEDIAN EDGE LINE	5 282.50
STAGE 2			
NB I-155			
STA 395+56.00	TO STA 397+68.50	SKIP DASH	5 29.17
STA 12+87.00	TO STA 19+92.10	OUTSIDE EDGE LINE	5 293.79
<b>CROSSOVERS</b>			
STAGE 1			
NB I-55			
STA 500+62.00	TO STA 510+62.00	SKIP DASH	5 108.33
STA 520+50.00	TO STA 525+78.00	MEDIAN EDGE LINE	5 220.00
STA 571+68.00	TO STA 576+76.00	MEDIAN EDGE LINE	5 211.67
SB I-55			
STA 528+42.00	TO STA 569+04.00	MEDIAN EDGE LINE	5 1,692.50
STA 525+51.00	TO STA 568+71.00	SKIP DASH	5 454.17
STA 525+51.00	TO STA 568+71.00	OUTSIDE EDGE LINE	5 1,800.00
STA 573+71.00	TO STA 583+71.00	SKIP DASH	5 108.33
STAGE 2			
NB I-55			
STA 512+20.00	TO STA 522+20.00	SKIP DASH	5 108.33
STA 527+20.00	TO STA 569+81.00	OUTSIDE EDGE LINE	5 1,775.42
STA 528+17.00	TO STA 568+76.00	MEDIAN EDGE LINE	5 1,691.25
STA 527+20.00	TO STA 568+49.68	SKIP DASH	5 437.50
SB I-55			
STA 522+47.00	TO STA 525+55.00	MEDIAN EDGE LINE	5 128.33
STA 571+39.00	TO STA 574+68.00	MEDIAN EDGE LINE	5 137.08
STA 586+56.00	TO STA 596+56.00	SKIP DASH	5 108.33
FINAL PHASE			
NB I-55			
STA 500+62.00	TO STA 574+76.00	OUTSIDE EDGE LINE	5 3,089.17
STA 500+62.00	TO STA 574+76.00	MEDIAN EDGE LINE	5 3,089.17
STA 500+62.00	TO STA 574+76.00	SKIP DASH	5 779.17
SB I-55			
STA 522+47.00	TO STA 596+56.00	OUTSIDE EDGE LINE	5 3,087.08
STA 522+47.00	TO STA 596+56.00	MEDIAN EDGE LINE	5 3,087.08
STA 522+47.00	TO STA 596+56.00	SKIP DASH	5 779.17
TOTAL			23,593.37

TEMPORARY PAVEMENT MARKING - LINE 5"

LOCATION	SOLID YELLOW FOOT	SOLID WHITE FOOT	WHITE SKIP DASH FOOT	TOTAL FOOT	WORK ZONE PAVEMENT MARKING REMOVAL SQ FT
<b>SN 054-0050</b>					
STAGE 1					
NB I-155					
STA 397+68.50	TO STA 398+94.34		126	126	52.50
STA 1+15.00	TO STA 17+70.00		1,655	1,655	689.59
STA 12+87.00	TO STA 19+65.00	678		678	282.50
STAGE 2					
NB I-155					
STA 395+56.00	TO STA 398+94.34		339	339	141.25
STA 1+15.00	TO STA 17+70.00		1,655	1,655	689.59
STA 12+87.00	TO STA 19+92.10		706	706	294.17
<b>CROSSOVERS</b>					
STAGE 1					
NB I-55					
STA 500+62.00	TO STA 574+76.00		7,414	7,414	3,089.17
STA 520+62.00	TO STA 574+76.00	5,414		5,414	2,255.84
SB I-55					
STA 525+51.00	TO STA 583+71.00	5,820		5,820	2,425.00
STA 525+51.00	TO STA 568+71.00		4,320	4,320	1,800.00
WINTER SHUTDOWN					
NB I-55					
STA 500+62.00	TO STA 574+76.00	7,414	7,414	1,860	16,688
SB I-55					
STA 525+51.00	TO STA 583+71.00	5,820	5,820	1,460	13,100
STAGE 2					
NB I-55					
STA 512+20.00	TO STA 569+90.00	5,770		5,770	2,404.17
STA 527+20.00	TO STA 569+90.00	4,270	4,270	8,540	3,558.34
SB I-55					
STA 522+47.00	TO STA 575+19.00	5,272		5,272	2,196.67
STA 522+47.00	TO STA 596+56.00		7,409	7,409	3,087.09
TOTAL		40,458	41,128	3,320	84,906

RAISED REFLECTIVE PAVEMENT MARKER REMOVAL

LOCATION	DESCRIPTION	EACH
SN 054-0053, 0054, 0055, 0056		
STAGE 1		
NB I-55		
STA 532+29.96	TO STA 533+29.96	SKIP DASH - WEST RAMP 054-0053
STA 540+35.82	TO STA 541+35.82	SKIP DASH - EAST RAMP 054-0053
STA 553+83.64	TO STA 554+83.64	SKIP DASH - WEST RAMP 054-0055
STA 562+33.87	TO STA 563+33.87	SKIP DASH - EAST RAMP 054-0055
STAGE 2		
SB I-55		
STA 533+84.73	TO STA 534+84.73	SKIP DASH - WEST RAMP 054-0054
STA 541+90.61	TO STA 542+90.61	SKIP DASH - EAST RAMP 054-0054
STA 554+05.40	TO STA 555+05.40	SKIP DASH - WEST RAMP 054-0056
STA 562+55.63	TO STA 563+55.63	SKIP DASH - EAST RAMP 054-0056
TOTAL		16

SHORT-TERM PAVEMENT MARKING

LOCATION	DESCRIPTION	NO. OF APPLICATIONS	NO. OF LINES	QTY FOOT	WORK ZONE PAVEMENT MARKING REMOVAL SQ FT
<b>SN 054-0050</b>					
NB I-155					
STA 395+56.00	TO STA 398+94.34	SKIP DASH	1	95	39.59
STA 1+15.00	TO STA 7+87.00	SKIP DASH	1	178	74.17
STA 12+87.00	TO STA 19+92.10	MEDIAN EDGE LINE	1	81	33.75
STA 12+87.00	TO STA 19+92.10	OUTSIDE EDGE LINE	1	81	33.75
<b>CROSSOVERS</b>					
NB I-55					
STA 511+83.00	TO STA 524+00.00	SKIP DASH	2	629	262.09
STA 526+83.00	TO STA 568+18.10	OUTSIDE EDGE LINE	2	847	352.92
STA 529+00.00	TO STA 566+09.90	MEDIAN EDGE LINE	2	762	317.50
SB I-55					
STA 529+06.10	TO STA 569+07.95	OUTSIDE EDGE LINE	2	820	341.67
STA 531+11.90	TO STA 566+92.65	MEDIAN EDGE LINE	2	736	306.67
STA 571+92.65	TO STA 584+08.00	SKIP DASH	2	628	261.67
TOTAL				4,857	2,023.78



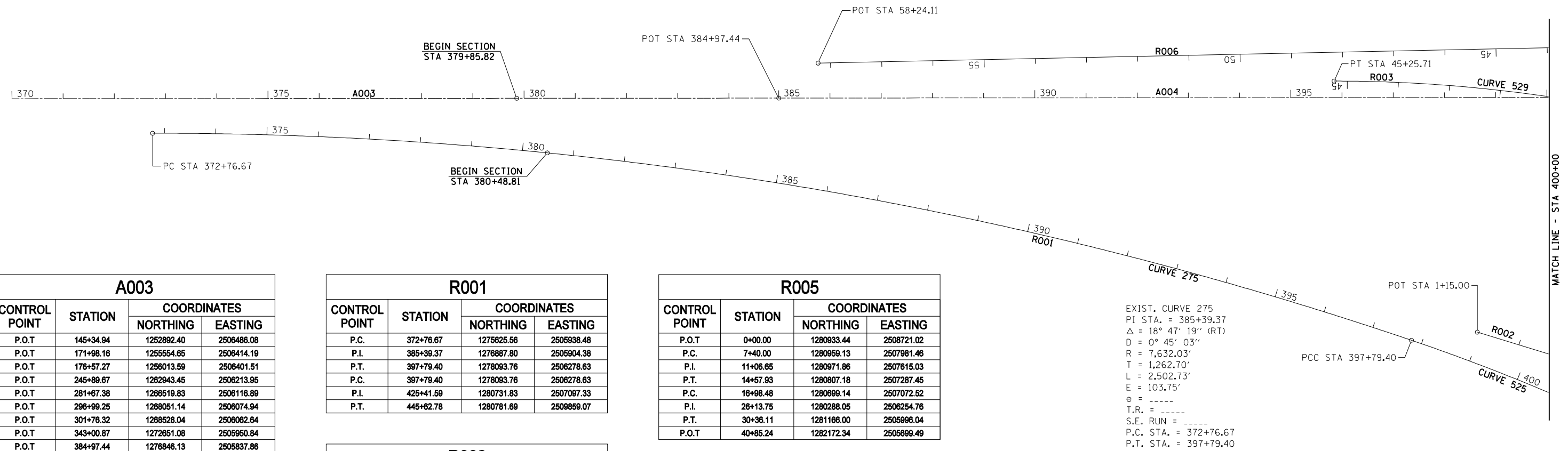
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PLOT DATE = 9/8/2011	DATE - 8/12/2011	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

FAI ROUTE 55  
SCHEDULES OF QUANTITIES

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	D6 LOGAN CO BR 2011	LOGAN	224	17
FED. ROAD DIST. NO.			CONTRACT NO. 72E10	
ILLINOIS FED. AID PROJECT				



A003			
CONTROL POINT	STATION	COORDINATES	
		NORTHING	EASTING
P.O.T.	145+34.94	1252892.40	2506486.08
P.O.T.	171+98.16	1255554.65	2506414.19
P.O.T.	176+57.27	1256013.59	2506401.51
P.O.T.	245+89.67	1262943.45	2506213.95
P.O.T.	281+67.38	1266519.83	2506116.89
P.O.T.	296+99.25	1268051.14	2506074.94
P.O.T.	301+76.32	1268528.04	2506062.64
P.O.T.	343+00.87	1272651.08	2505950.84
P.O.T.	384+97.44	1276846.13	2505837.86

R001			
CONTROL POINT	STATION	COORDINATES	
		NORTHING	EASTING
P.C.	372+76.67	1275625.56	2505938.48
P.I.	385+39.37	1276887.80	2505904.38
P.T.	397+79.40	1278093.76	2506278.63
P.C.	397+79.40	1278093.76	2506278.63
P.I.	425+41.59	1280731.83	2507097.33
P.T.	445+62.78	1280781.69	2506859.07

R005			
CONTROL POINT	STATION	COORDINATES	
		NORTHING	EASTING
P.O.T.	0+00.00	1280933.44	2508721.02
P.C.	7+40.00	1280958.13	2507981.46
P.I.	11+06.65	1280971.86	2507615.03
P.T.	14+57.93	1280807.18	2507287.45
P.C.	16+98.48	1280699.14	2507072.52
P.I.	26+13.75	1280288.05	2506254.76
P.T.	30+36.11	1281166.00	2505996.04
P.O.T.	40+85.24	1282172.34	2505699.49

EXIST. CURVE 275  
 PI STA. = 385+39.37  
 $\Delta = 18^\circ 47' 19''$  (RT)  
 $D = 0^\circ 45' 03''$   
 $R = 7,632.03'$   
 $T = 1,262.70'$   
 $L = 2,502.73'$   
 $E = 103.75'$   
 $e = \text{-----}$   
 $T.R. = \text{-----}$   
 $S.E. \text{ RUN} = \text{-----}$   
 P.C. STA. = 372+76.67  
 P.T. STA. = 397+79.40

A004			
CONTROL POINT	STATION	COORDINATES	
		NORTHING	EASTING
P.O.T.	385+00.00	1276846.13	2505837.86
P.O.T.	424+30.48	1280775.16	2505731.28
P.O.T.	452+88.81	1280826.77	2508589.13
P.O.T.	465+56.26	1280849.92	2508858.37
P.O.T.	510+82.28	1280931.15	2514381.65
P.O.T.	534+00.86	1280972.78	2516699.86
P.O.T.	542+02.07	1280987.31	2517500.94
P.O.T.	562+97.38	1281025.54	2519595.90
P.O.T.	578+00.55	1281052.63	2521098.82
P.O.T.	604+03.81	1281099.51	2523701.67
P.C.	622+14.86	1281132.12	2525512.42
P.I.	630+85.26	1281147.79	2526382.68
P.T.	639+48.18	1281358.91	2527227.08
P.O.T.	667+81.94	1282046.27	2529976.22
P.C.	675+43.92	1282231.01	2530715.47
P.I.	684+14.32	1282442.04	2531559.90
P.T.	692+77.24	1282457.64	2532430.16
P.C.	708+43.00	1282485.69	2533995.67
P.I.	728+22.98	1282521.17	2535975.33
P.T.	743+07.77	1284385.76	2536641.38
P.C.	781+00.55	1286074.07	2537244.46
P.I.	775+49.21	1287438.30	2537731.77
P.T.	789+63.83	1288529.20	2538684.96
P.O.T.	790+97.12	1288629.57	2538772.65

R002			
CONTROL POINT	STATION	COORDINATES	
		NORTHING	EASTING
P.O.T.	1+15.00	1278221.88	2506259.42
P.C.	2+75.00	1278376.07	2506302.16
P.I.	10+68.62	1279140.85	2506514.15
P.T.	18+23.90	1279906.42	2506305.00
P.O.T.	28+00.19	1280848.19	2506047.71

R006			
CONTROL POINT	STATION	COORDINATES	
		NORTHING	EASTING
P.C.	0+00.00	1282728.43	2505404.85
P.I.	4+13.64	1282328.87	2505511.88
P.T.	8+24.11	1281915.70	2505531.41
P.O.T.	58+24.11	1276921.28	2505767.56

R003			
CONTROL POINT	STATION	COORDINATES	
		NORTHING	EASTING
P.C.	0+00.00	1280871.01	2508588.33
P.I.	28+90.64	1280818.97	2505698.16
P.T.	45+25.71	1277929.38	2505776.20

RAILROAD			
CONTROL POINT	STATION	COORDINATES	
		NORTHING	EASTING
P.O.T.	10+00.00	1280979.19	2517053.26
P.O.T.	11+22.78	1280881.00	2517126.98
P.O.T.	12+75.64	1280758.76	2517218.75

R004			
CONTROL POINT	STATION	COORDINATES	
		NORTHING	EASTING
P.O.T.	0+00.00	1281132.06	2506629.04
P.C.	6+20.60	1280514.57	2505691.11
P.I.	18+87.71	1279253.81	2505617.88
P.T.	23+18.46	1279810.90	2508955.93
P.O.T.	34+99.38	1280330.10	2508016.60
P.O.T.	37+35.58	1280433.94	2508228.74



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 PLOT DATE = 9/8/2011

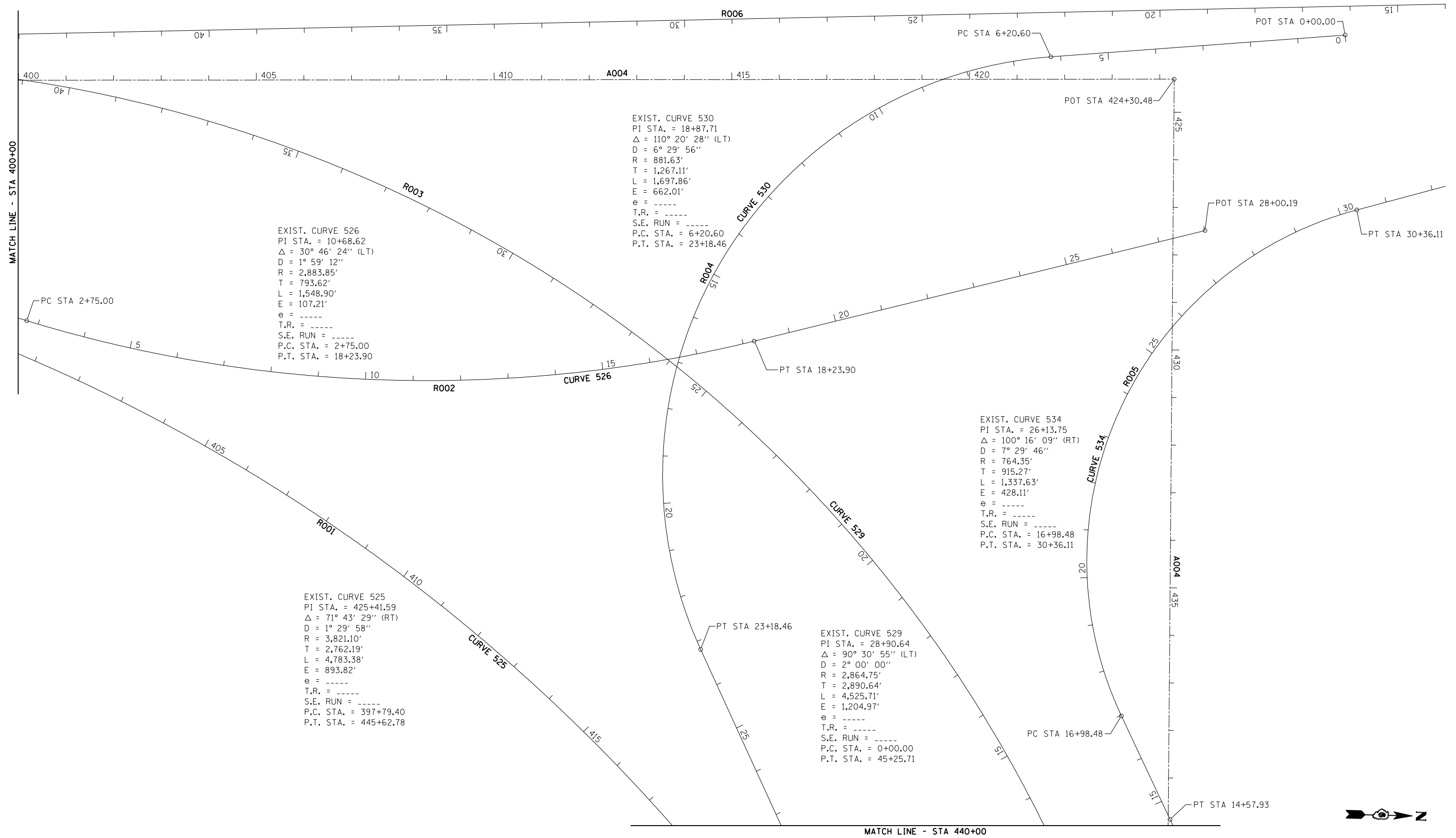
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 DRAWN - TJD  
 CHECKED - NAK  
 DATE - 8/12/2011

REVISED -  
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 REVISED -

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

ALIGNMENT, CROSS TIES  
 & BENCHMARKS  
 SCALE: SHEET NO. OF SHEETS STA. 370+00 TO STA. 400+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	D6 LOGAN CO BR 2011	LOGAN	224	18
CONTRACT NO. 72E10				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



EXIST. CURVE 526  
 PI STA. = 10+68.62  
 $\Delta = 30^\circ 46' 24''$  (LT)  
 $D = 1^\circ 59' 12''$   
 $R = 2,883.85'$   
 $T = 793.62'$   
 $L = 1,548.90'$   
 $E = 107.21'$   
 $e = \text{-----}$   
 $T.R. = \text{-----}$   
 $S.E. RUN = \text{-----}$   
 P.C. STA. = 2+75.00  
 P.T. STA. = 18+23.90

EXIST. CURVE 530  
 PI STA. = 18+87.71  
 $\Delta = 110^\circ 20' 28''$  (LT)  
 $D = 6^\circ 29' 56''$   
 $R = 881.63'$   
 $T = 1,267.11'$   
 $L = 1,697.86'$   
 $E = 662.01'$   
 $e = \text{-----}$   
 $T.R. = \text{-----}$   
 $S.E. RUN = \text{-----}$   
 P.C. STA. = 6+20.60  
 P.T. STA. = 23+18.46

EXIST. CURVE 534  
 PI STA. = 26+13.75  
 $\Delta = 100^\circ 16' 09''$  (RT)  
 $D = 7^\circ 29' 46''$   
 $R = 764.35'$   
 $T = 915.27'$   
 $L = 1,337.63'$   
 $E = 428.11'$   
 $e = \text{-----}$   
 $T.R. = \text{-----}$   
 $S.E. RUN = \text{-----}$   
 P.C. STA. = 16+98.48  
 P.T. STA. = 30+36.11

EXIST. CURVE 525  
 PI STA. = 425+41.59  
 $\Delta = 71^\circ 43' 29''$  (RT)  
 $D = 1^\circ 29' 58''$   
 $R = 3,821.10'$   
 $T = 2,762.19'$   
 $L = 4,783.38'$   
 $E = 893.82'$   
 $e = \text{-----}$   
 $T.R. = \text{-----}$   
 $S.E. RUN = \text{-----}$   
 P.C. STA. = 397+79.40  
 P.T. STA. = 445+62.78

EXIST. CURVE 529  
 PI STA. = 28+90.64  
 $\Delta = 90^\circ 30' 55''$  (LT)  
 $D = 2^\circ 00' 00''$   
 $R = 2,864.75'$   
 $T = 2,890.64'$   
 $L = 4,525.71'$   
 $E = 1,204.97'$   
 $e = \text{-----}$   
 $T.R. = \text{-----}$   
 $S.E. RUN = \text{-----}$   
 P.C. STA. = 0+00.00  
 P.T. STA. = 45+25.71



JOB = 2236.09  
 FILE NAME = D672E10-shr-ATB.dgn  
 PLOT SCALE = 200.0000' / IN.  
 PLOT DATE = 9/8/2011

DESIGNED - NAK  
 DRAWN - TJD  
 CHECKED - NAK  
 DATE - 8/12/2011

REVISED -  
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 REVISED -

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

ALIGNMENT, CROSS TIES  
 & BENCHMARKS

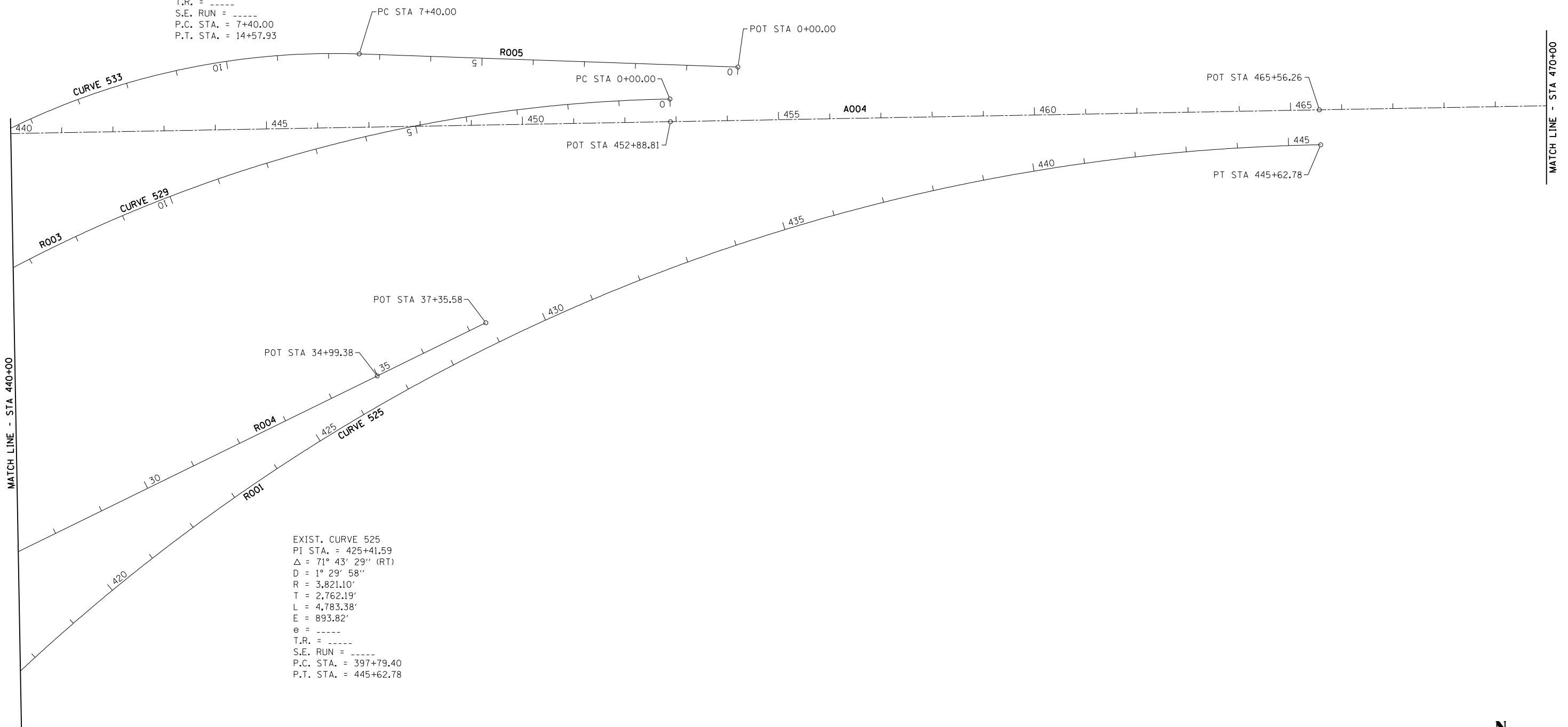
SCALE: SHEET NO. OF SHEETS STA. 400+00 TO STA. 440+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	D6 LOGAN CO BR 2011	LOGAN	224	19
CONTRACT NO. 72E10				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



EXIST. CURVE 533  
 PI STA. = 11+06.65  
 $\Delta$  = 28° 40' 39" (LT)  
 D = 3° 59' 40"  
 R = 1,434.37'  
 T = 366.65'  
 L = 717.93'  
 E = 46.12'  
 e = -----  
 T.R. = -----  
 S.E. RUN = -----  
 P.C. STA. = 7+40.00  
 P.T. STA. = 14+57.93

EXIST. CURVE 525  
 PI STA. = 425+41.59  
 $\Delta$  = 71° 43' 29" (RT)  
 D = 1° 29' 58"  
 R = 3,821.10'  
 T = 2,762.19'  
 L = 4,783.38'  
 E = 893.82'  
 e = -----  
 T.R. = -----  
 S.E. RUN = -----  
 P.C. STA. = 397+79.40  
 P.T. STA. = 445+62.78



JOB = 2236.09	DESIGNED - NAK	REVISED -
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PLOT SCALE = 200.0000' / IN.	CHECKED - NAK	REVISED -
PLOT DATE = 9/8/2011	DATE - 8/12/2011	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**ALIGNMENT, CROSS TIES  
 & BENCHMARKS**

SCALE: SHEET NO. OF SHEETS STA. 440+00 TO STA. 470+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	D6 LOGAN CO BR 2011	LOGAN	224	20
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 72E10	



MATCH LINE - STA 470+00

470

475

480

485

A004

490

495

MATCH LINE - STA 500+00

MATCH LINE - STA 500+00

500

505

510

POT STA 510+82.28

515

A004

520

525

MATCH LINE - STA 530+00

BM 32A: CHISELED "□" ON GUARDRAIL BRACE  
80.5' RT. STA 528+95  
ELEV 590.20



JOB = 2236.09  
FILE NAME = D672E10-shr-ATB.dgn  
PLOT SCALE = 200.0000 ' / IN.  
PLOT DATE = 9/8/2011

DESIGNED - NAK  
DRAWN - TJD  
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DATE - 8/12/2011

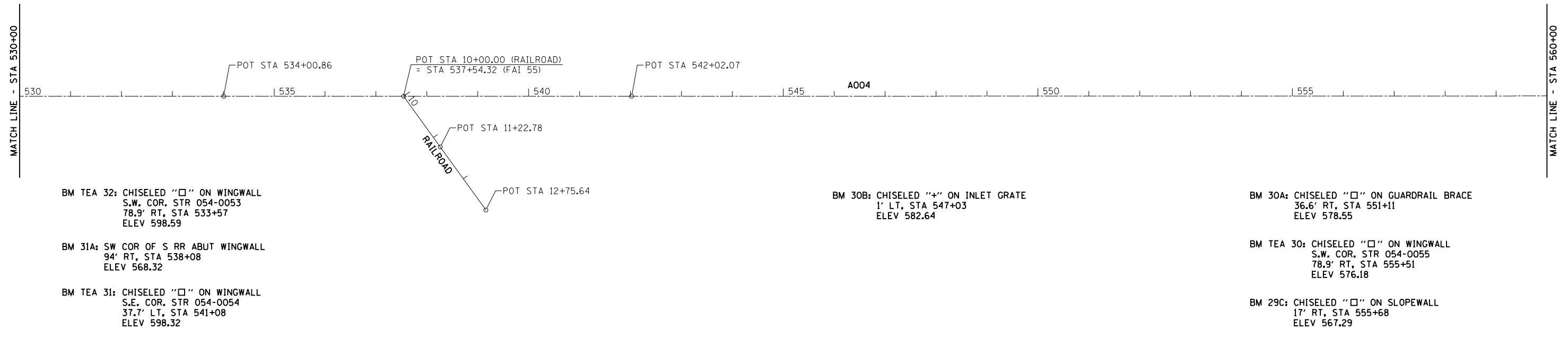
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REVISED -  
REVISED -  
REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**ALIGNMENT, CROSS TIES  
& BENCHMARKS**

SCALE: SHEET NO. OF SHEETS STA. 470+00 TO STA. 530+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	D6 LOGAN CO BR 2011	LOGAN	224	21
CONTRACT NO.			72E10	
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



BM TEA 32: CHISELED "□" ON WINGWALL  
S.W. COR. STR 054-0053  
78.9' RT, STA 533+57  
ELEV 598.59

BM 31A: SW COR OF S RR ABUT WINGWALL  
94' RT, STA 538+08  
ELEV 568.32

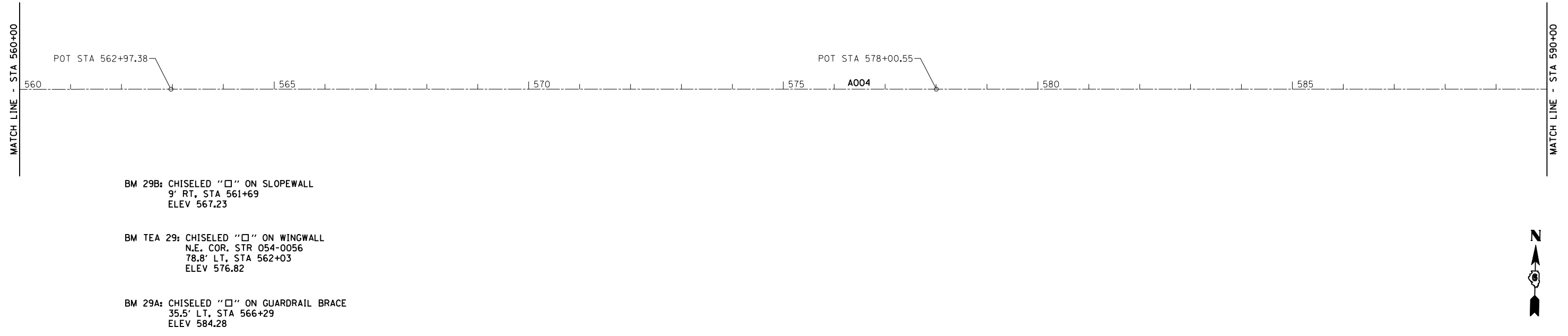
BM TEA 31: CHISELED "□" ON WINGWALL  
S.E. COR. STR 054-0054  
37.7' LT, STA 541+08  
ELEV 598.32

BM 30B: CHISELED "+" ON INLET GRATE  
1' LT, STA 547+03  
ELEV 582.64

BM 30A: CHISELED "□" ON GUARDRAIL BRACE  
36.6' RT, STA 551+11  
ELEV 578.55

BM TEA 30: CHISELED "□" ON WINGWALL  
S.W. COR. STR 054-0055  
78.9' RT, STA 555+51  
ELEV 576.18

BM 29C: CHISELED "□" ON SLOPEWALL  
17' RT, STA 555+68  
ELEV 567.29



BM 29B: CHISELED "□" ON SLOPEWALL  
9' RT, STA 561+69  
ELEV 567.23

BM TEA 29: CHISELED "□" ON WINGWALL  
N.E. COR. STR 054-0056  
78.8' LT, STA 562+03  
ELEV 576.82

BM 29A: CHISELED "□" ON GUARDRAIL BRACE  
35.5' LT, STA 566+29  
ELEV 584.28

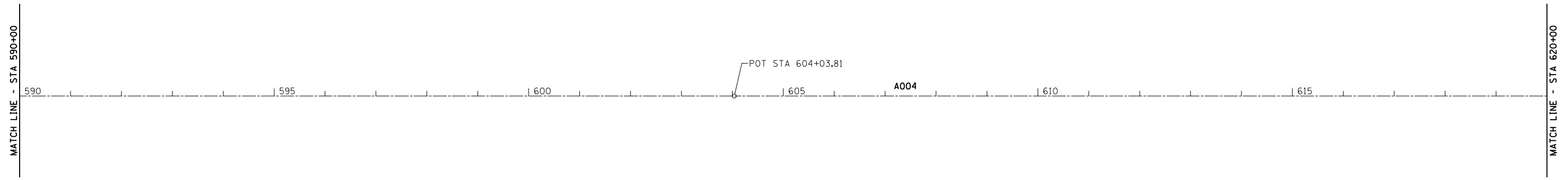


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PLOT DATE = 9/8/2011	DATE - 8/12/2011	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

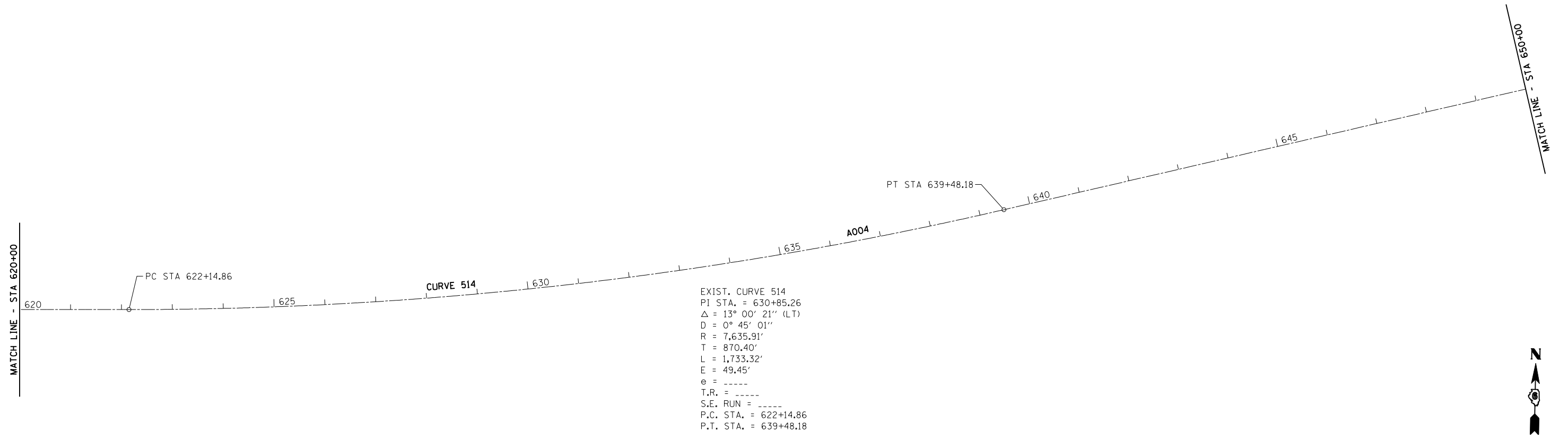
<b>ALIGNMENT, CROSS TIES &amp; BENCHMARKS</b>			
SCALE:	SHEET NO.	OF SHEETS	STA. 530+00 TO STA. 590+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	D6 LOGAN CO BR 2011	LOGAN	224	22
FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT	
			CONTRACT NO. 72E10	



MATCH LINE - STA 620+00

MATCH LINE - STA 590+00



MATCH LINE - STA 650+00

MATCH LINE - STA 620+00

EXIST. CURVE 514  
 PI STA. = 630+85.26  
 $\Delta$  = 13° 00' 21" (LT)  
 D = 0° 45' 01"  
 R = 7,635.91'  
 T = 870.40'  
 L = 1,733.32'  
 E = 49.45'  
 e = -----  
 T.R. = -----  
 S.E. RUN = -----  
 P.C. STA. = 622+14.86  
 P.T. STA. = 639+48.18



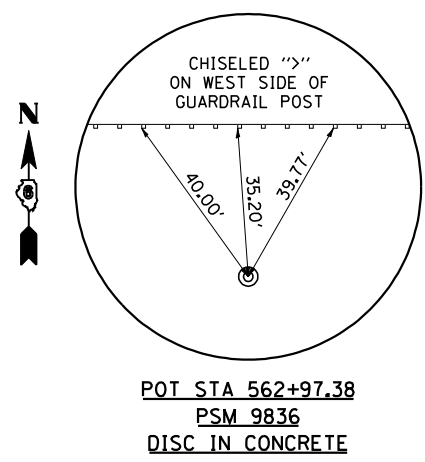
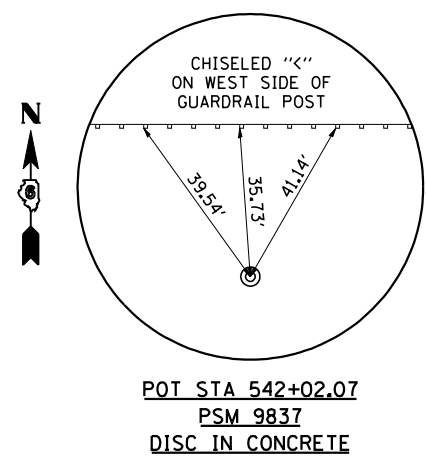
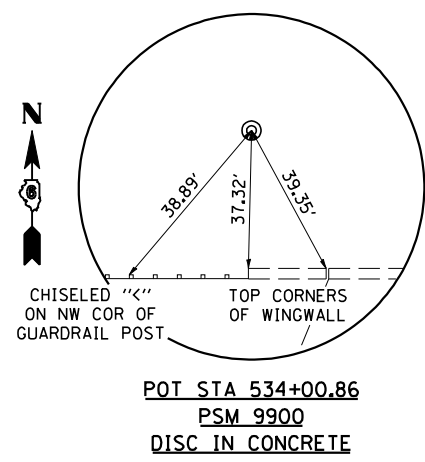
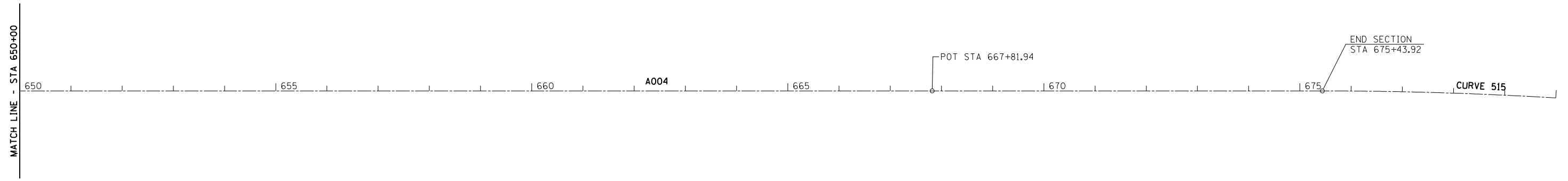
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PLOT DATE = 9/8/2011	DATE - 8/12/2011	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**ALIGNMENT, CROSS TIES  
 & BENCHMARKS**

SCALE: SHEET NO. OF SHEETS STA. 590+00 TO STA. 650+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	D6 LOGAN CO BR 2011	LOGAN	224	23
FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT	
			CONTRACT NO. 72E10	



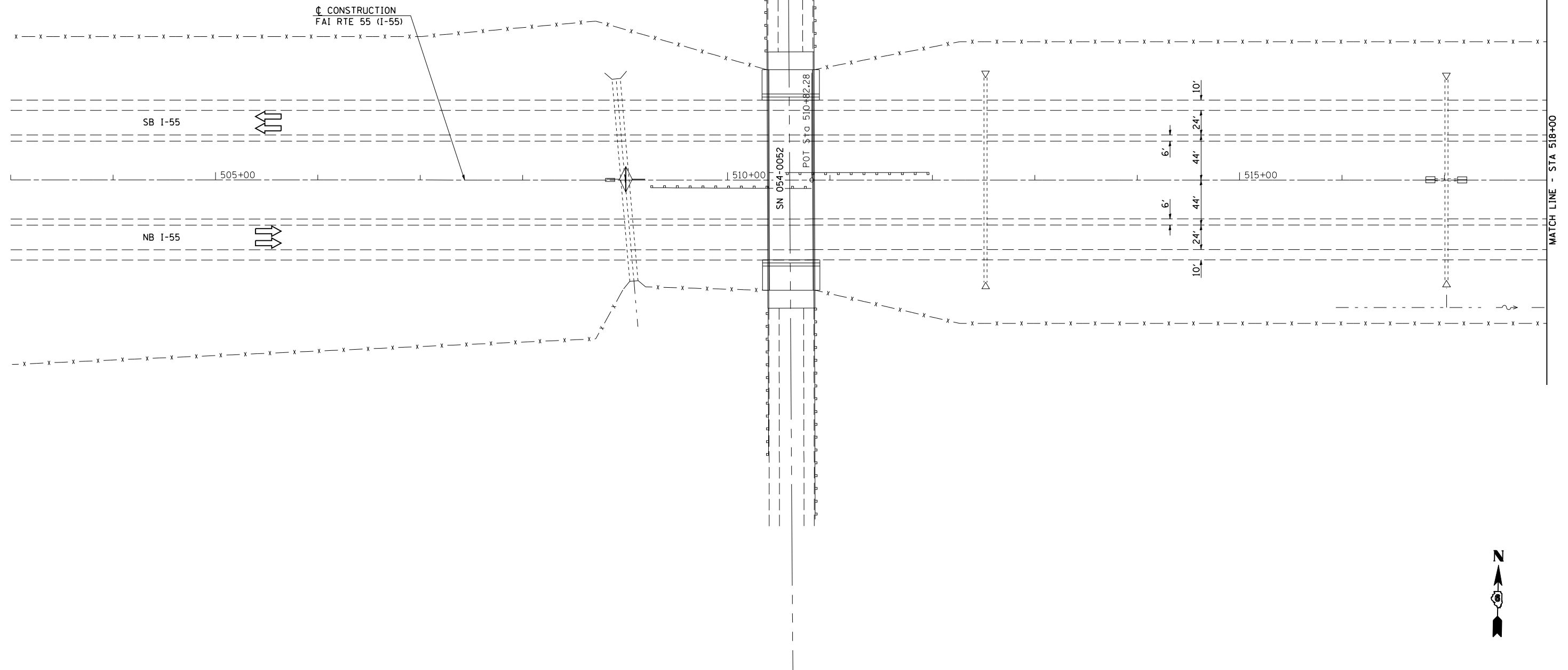
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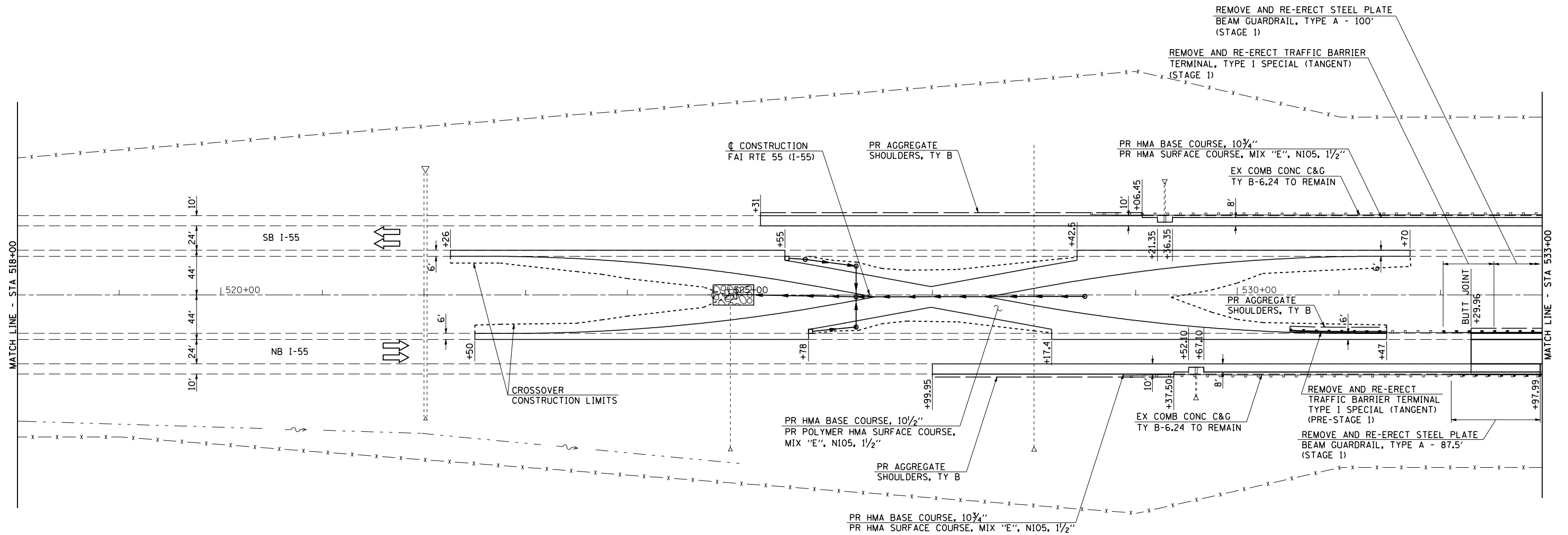
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>ALIGNMENT, CROSS TIES &amp; BENCHMARKS</b>			
SCALE:	SHEET NO.	OF SHEETS	STA. 650+00 TO STA. 680+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	D6 LOGAN CO BR 2011	LOGAN	224	24
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 72E10	







SEE SHEETS 57-65 FOR CROSSOVER CONSTRUCTION DETAILS



JOB = 2236.9	DESIGNED - NAK	REVISED -
FILE NAME = 0672E10-shr-plen.dgn	DRAWN - TJD	REVISED -
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PLOT DATE = 9/8/2011	DATE - 8/12/2011	REVISED -

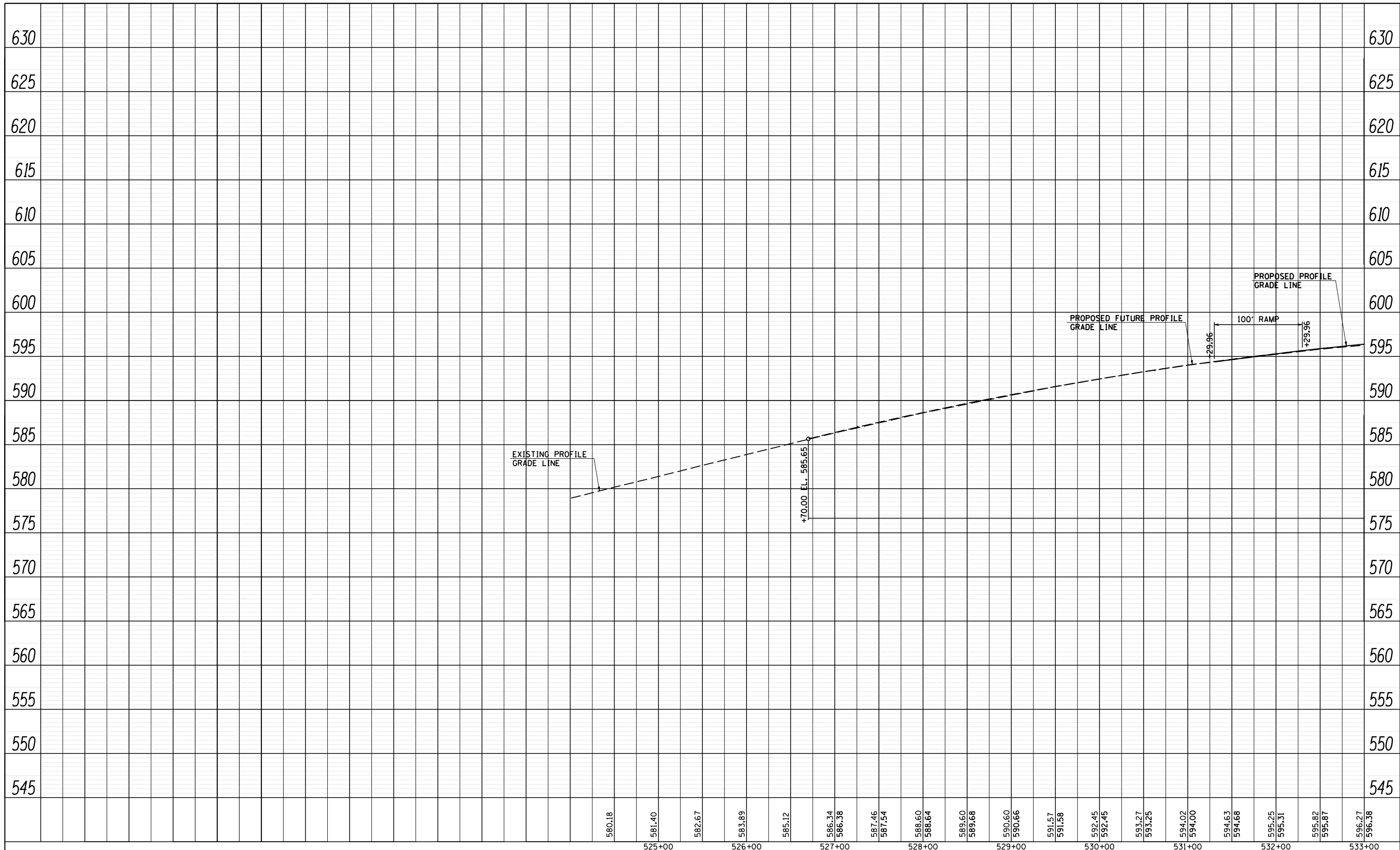
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>I-55 PLAN</b>			
SCALE:	SHEET NO.	OF SHEETS	STA. 518+00 TO STA. 533+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	D6 LOGAN CO BR 2011	LOGAN	224	26
FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT	
			CONTRACT NO. 72E10	

PLAN	SURVEYED	DATE
	PLOTTED	BY
	GRADES CHECKED	
	STRUCTURE NOT AT THIS OFFICE	
	NOTE BOOK NO.	
	CADD FILE NAME	

PROFILE	SURVEYED	DATE
	PLOTTED	BY
	GRADES CHECKED	
	STRUCTURE NOT AT THIS OFFICE	
	NOTE BOOK NO.	
	CADD FILE NAME	



JOB = 2236.9  
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 PLOT SCALE = 100.0000' / IN.  
 PLOT DATE = 9/8/2011

DESIGNED - NAK  
 DRAWN - TJD  
 CHECKED - NAK  
 DATE - 8/12/2011

REVISED -  
 REVISED -  
 REVISED -  
 REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

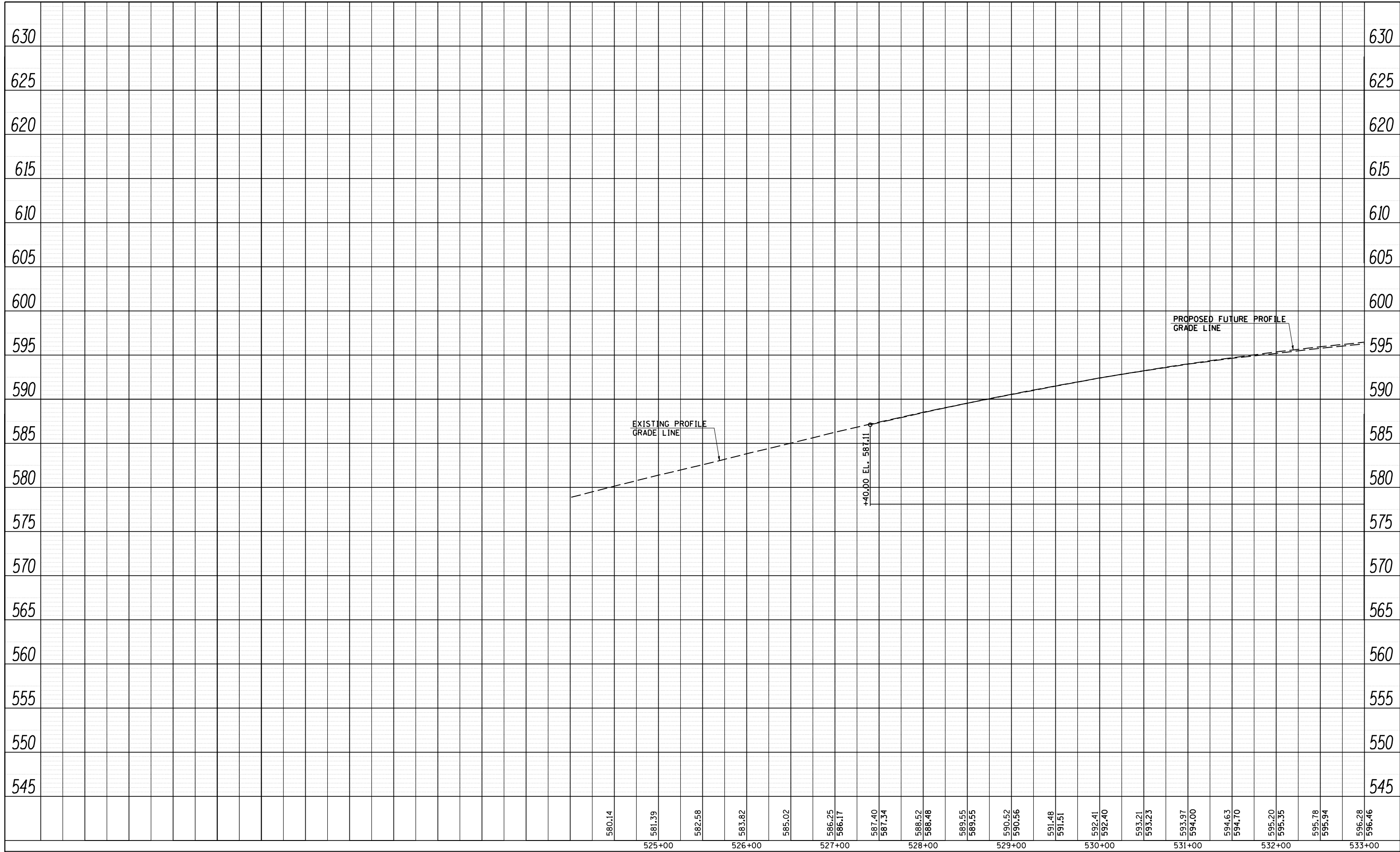
**I-55 NORTHBOUND PROFILE**

SCALE: SHEET NO. OF SHEETS STA. 524+50 TO STA. 533+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	D6 LOGAN CO BR 2011	LOGAN	224	27
FED. ROAD DIST. NO.			CONTRACT NO. 72E10	
ILLINOIS FED. AID PROJECT				

PLAN	SURVEYED	DATE
NOTE BOOK NO.	PLOTTED	BY
	ALIGNMENT CHECKED	
	CAD FILE NAME	

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



JOB = 2236.09  
 FILE NAME = D672E10-sh-t-SBprof.dgn  
 PLOT SCALE = 100.0000' / IN.  
 PLOT DATE = 9/8/2011

DESIGNED - NAK  
 DRAWN - TJD  
 CHECKED - NAK  
 DATE - 8/12/2011

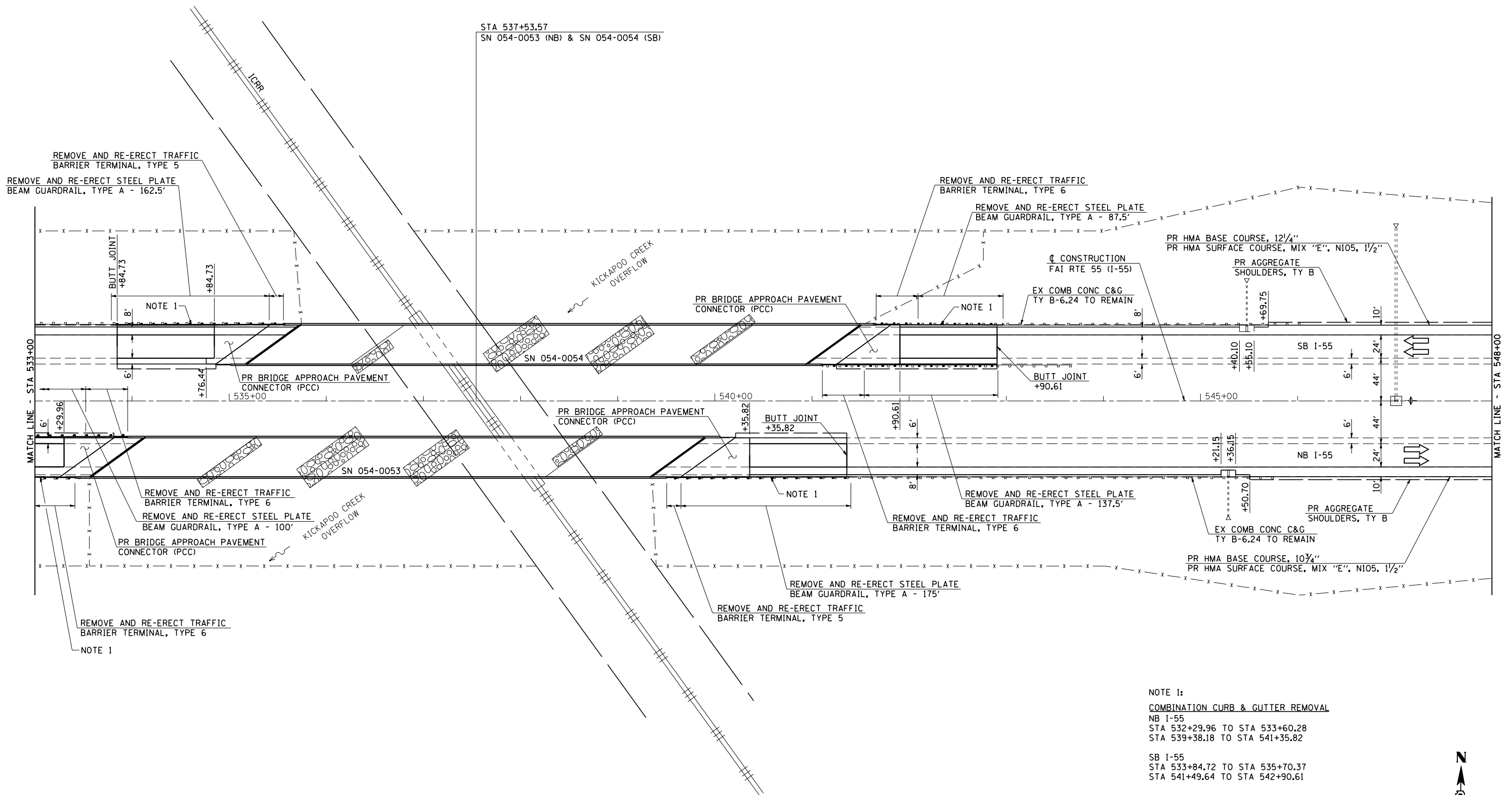
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STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

I-55 SOUTHBOUND PROFILE

SCALE: SHEET NO. OF SHEETS STA. 524+50 TO STA. 533+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	D6 LOGAN CO BR 2011	LOGAN	224	28
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 72E10	

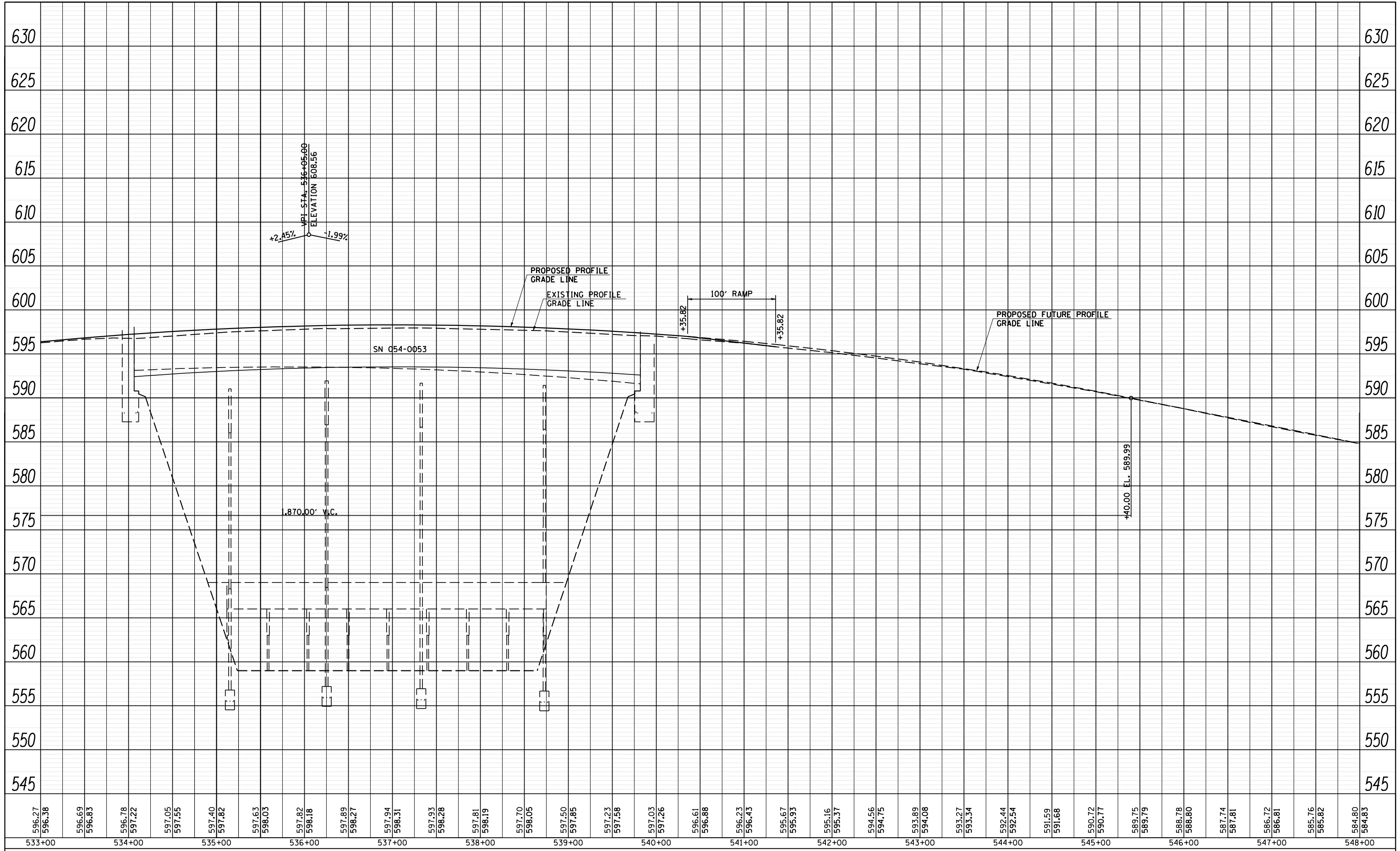


**NOTE 1:**  
**COMBINATION CURB & GUTTER REMOVAL**  
 NB I-55  
 STA 532+29.96 TO STA 533+60.28  
 STA 539+38.18 TO STA 541+35.82  
  
 SB I-55  
 STA 533+84.72 TO STA 535+70.37  
 STA 541+49.64 TO STA 542+90.61  
  
**PR COMBINATION CONCRETE CURB & GUTTER, TY B-6.24**  
 NB I-55  
 STA 532+29.96 TO STA 533+29.96  
 STA 540+35.82 TO STA 541+35.82  
  
 SB I-55  
 STA 533+84.72 TO STA 535+84.72  
 STA 541+90.61 TO STA 542+90.61



PLAN	SURVEYED	DATE
	PLOTTED	BY
	GRADES CHECKED	
	STRUCTURE NOT AT THIS OFFICE	
	NOTE BOOK NO.	
	CADD FILE NAME	

PROFILE	SURVEYED	DATE
	PLOTTED	BY
	GRADES CHECKED	
	STRUCTURE NOT AT THIS OFFICE	
	NOTE BOOK NO.	
	CADD FILE NAME	



**CEC** Cummins Engineering Corporation  
Civil and Structural Engineering

JOB # 2236.9  
FILE NAME = D672E10-sht-NBprof.dgn  
PLOT SCALE = 100.0000' / IN.  
PLOT DATE = 9/8/2011

DESIGNED - NAK  
DRAWN - TJD  
CHECKED - NAK  
DATE - 8/12/2011

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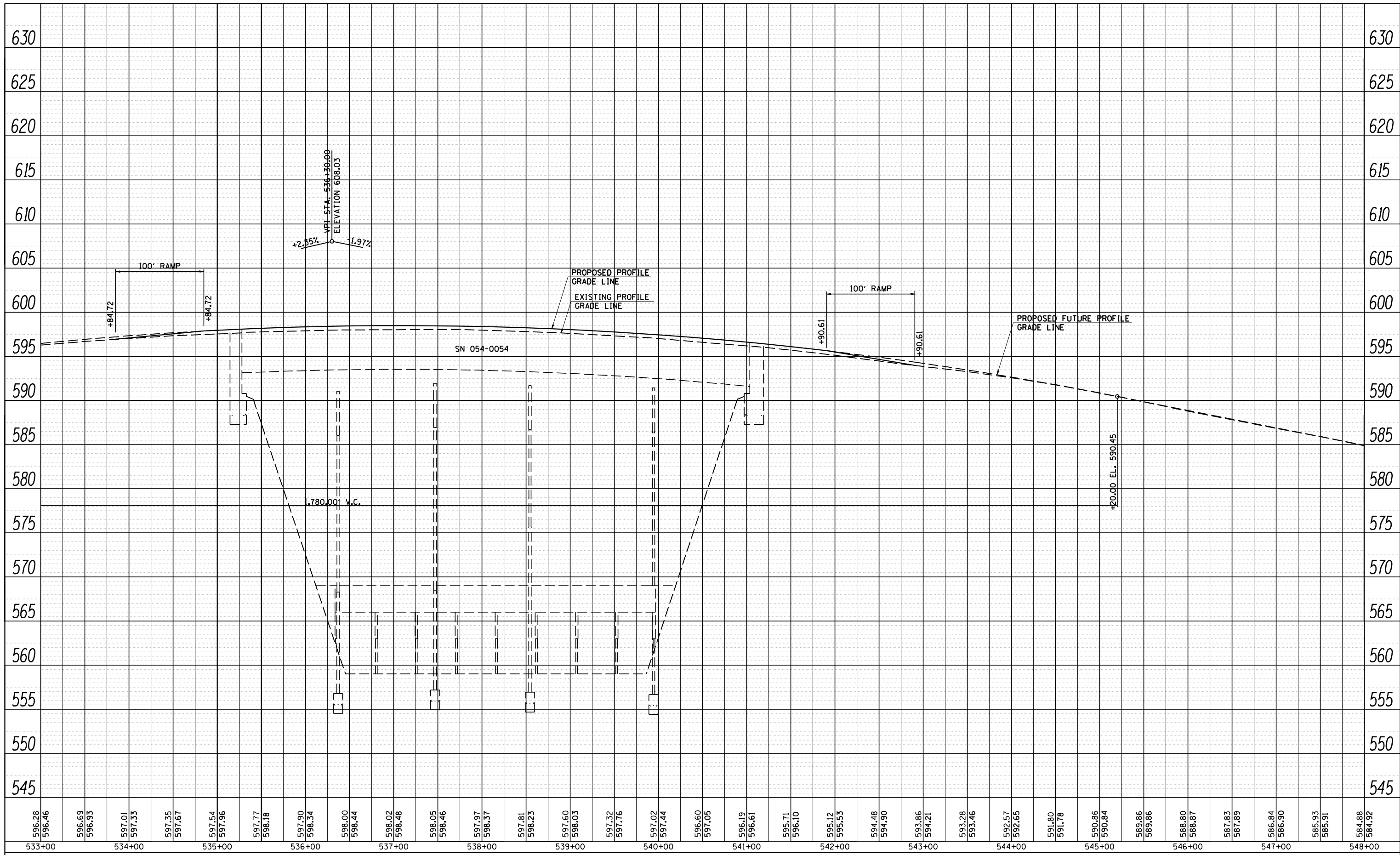
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**I-55 NORTHBOUND PROFILE**  
SCALE: SHEET NO. OF SHEETS STA. 533+00 TO STA. 548+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	D6 LOGAN CO BR 2011	LOGAN	224	30
FED. ROAD DIST. NO.			CONTRACT NO. 72E10	
ILLINOIS FED. AID PROJECT				

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

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



**CEC** Cummins Engineering Corporation  
Civil and Structural Engineering

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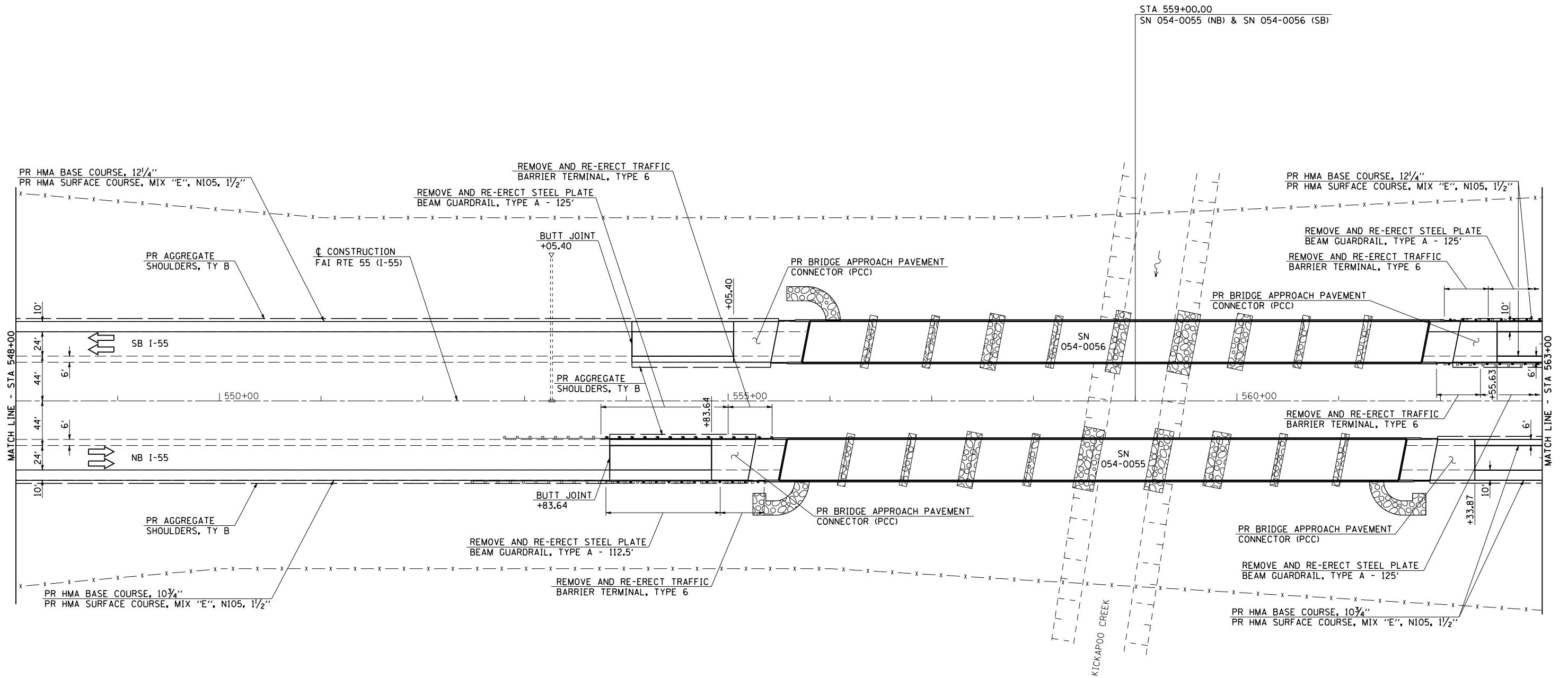
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DRAWN - TJD  
CHECKED - NAK  
DATE - 8/12/2011

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REVISED -  
REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**I-55 SOUTHBOUND PROFILE**  
SCALE: SHEET NO. OF SHEETS STA. 533+00 TO STA. 548+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	D6 LOGAN CO BR 2011	LOGAN	224	31
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 72E10	



STA 559+00.00  
SN 054-0055 (NB) & SN 054-0056 (SB)

MATCH LINE - STA 548+00

MATCH LINE - STA 563+00



JOB = 2236.9  
FILE NAME = 0672E10-shr-plen.dgn  
PLOT SCALE = 100.0000 ' / IN.  
PLOT DATE = 9/8/2011

DESIGNED - NAK  
DRAWN - TJD  
CHECKED - NAK  
DATE - 8/12/2011

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REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

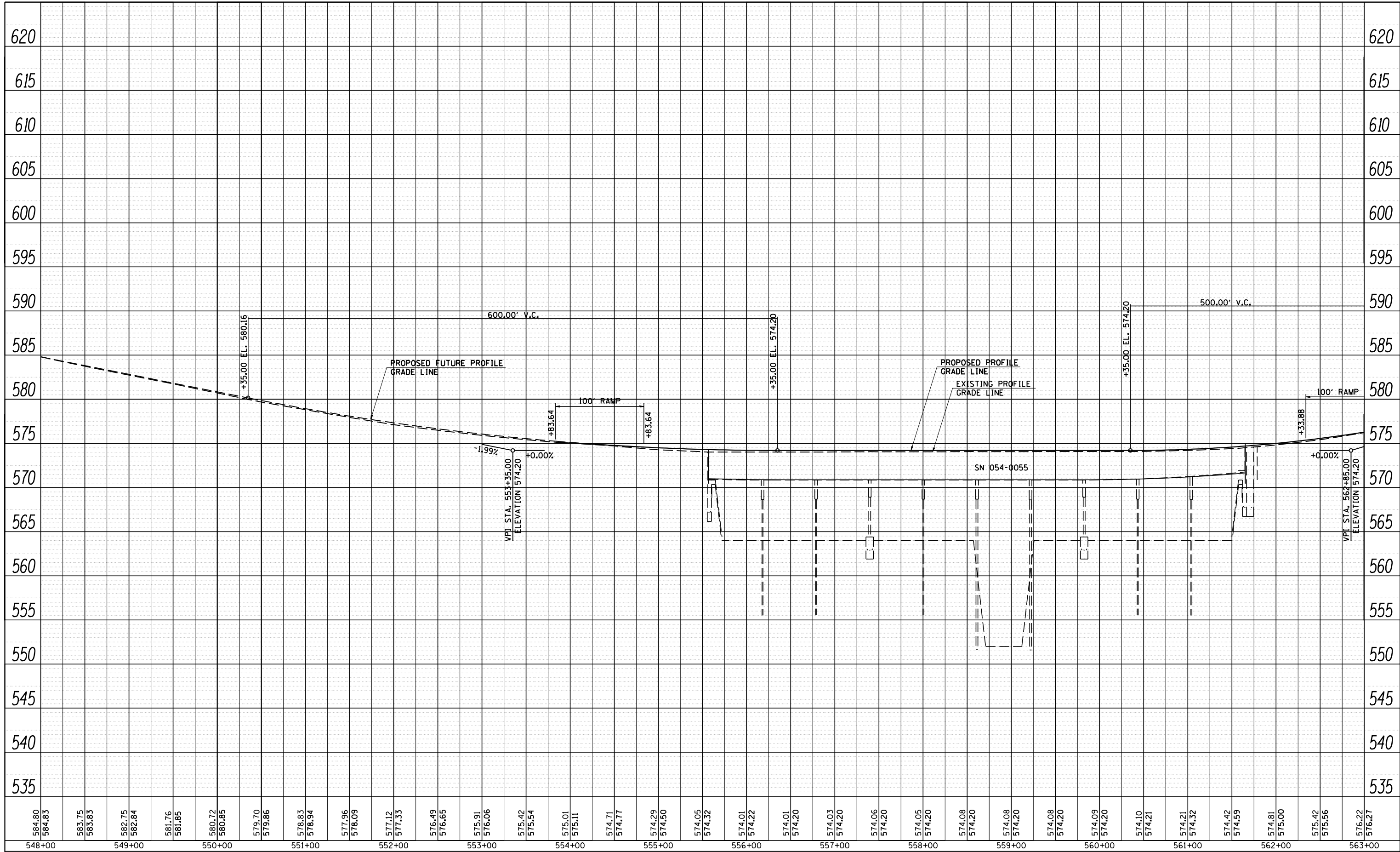
**I-55 PLAN**  
SCALE: SHEET NO. OF SHEETS STA. 548+00 TO STA. 563+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	D6 LOGAN CO BR 2011	LOGAN	224	32
CONTRACT NO. 72E10				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



PLAN	SURVEYED	BY	DATE
	PLOTTED		
	ALIGNED		
	CHECKED		
	NO. _____		
	CADD FILE NAME		

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



584.80	584.83	583.75	583.83	582.75	582.84	581.76	581.85	580.72	580.85	579.70	579.86	578.83	578.94	577.96	578.09	577.12	577.33	576.49	576.65	575.91	576.06	575.42	575.54	575.01	575.11	574.71	574.77	574.29	574.50	574.05	574.32	574.01	574.22	574.01	574.20	574.03	574.20	574.06	574.20	574.05	574.20	574.08	574.20	574.08	574.20	574.08	574.20	574.09	574.20	574.10	574.21	574.21	574.32	574.42	574.59	574.81	575.00	575.42	575.56	576.22	576.27
548+00	549+00	550+00	551+00	552+00	553+00	554+00	555+00	556+00	557+00	558+00	559+00	560+00	561+00	562+00	563+00																																														

**CEC** Cummins Engineering Corporation  
Civil and Structural Engineering

JOB # 2236.9  
FILE NAME = D672E10-sh1-NBprof.dgn  
PLOT SCALE = 100.0000' / IN.  
PLOT DATE = 9/8/2011

DESIGNED - NAK  
DRAWN - TJD  
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DATE - 8/12/2011

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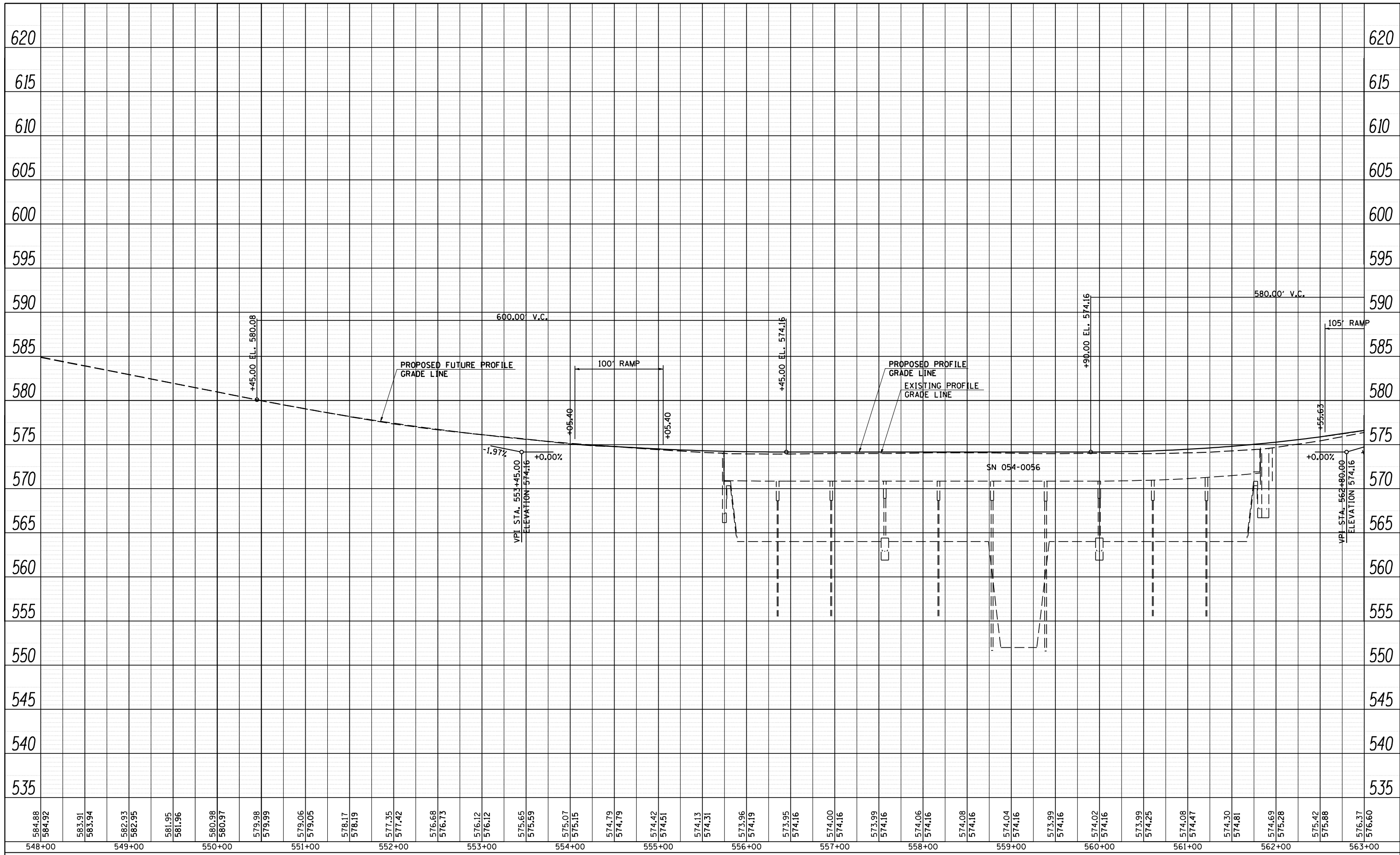
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**I-55 NORTHBOUND PROFILE**  
SCALE: SHEET NO. OF SHEETS STA. 548+00 TO STA. 563+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	D6 LOGAN CO BR 2011	LOGAN	224	33
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 72E10	

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

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



584.88	584.92	583.91	583.94	582.93	582.95	581.95	581.96	580.98	580.97	579.98	579.99	579.06	579.05	578.17	578.19	577.35	577.42	576.68	576.73	576.12	576.12	575.65	575.59	575.07	575.15	574.79	574.79	574.42	574.42	574.13	574.31	573.96	574.19	573.95	574.16	574.00	574.16	573.99	574.16	574.06	574.16	574.08	574.16	574.04	574.16	573.99	574.16	574.02	574.16	573.99	574.25	574.08	574.47	574.30	574.81	574.69	575.28	575.42	575.88	576.37	576.60
548+00	549+00	550+00	551+00	552+00	553+00	554+00	555+00	556+00	557+00	558+00	559+00	560+00	561+00	562+00	563+00																																														

**CEC** Cummins Engineering Corporation  
Civil and Structural Engineering

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PLOT DATE = 9/8/2011

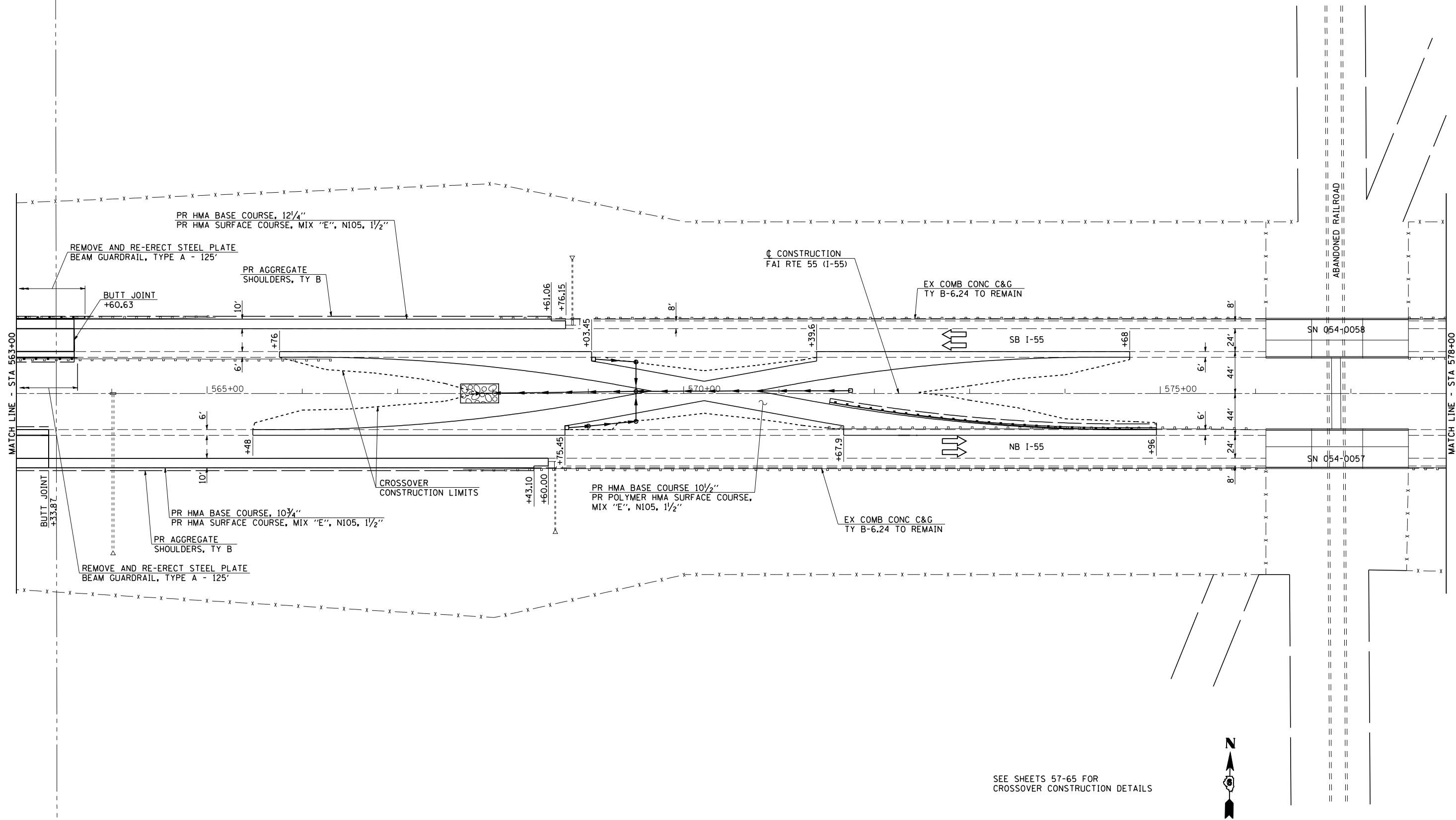
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CHECKED - NAK  
DATE - 8/12/2011

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REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**I-55 SOUTHBOUND PROFILE**  
SCALE: SHEET NO. OF SHEETS STA. 548+00 TO STA. 563+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	D6 LOGAN CO BR 2011	LOGAN	224	34
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 72E10	

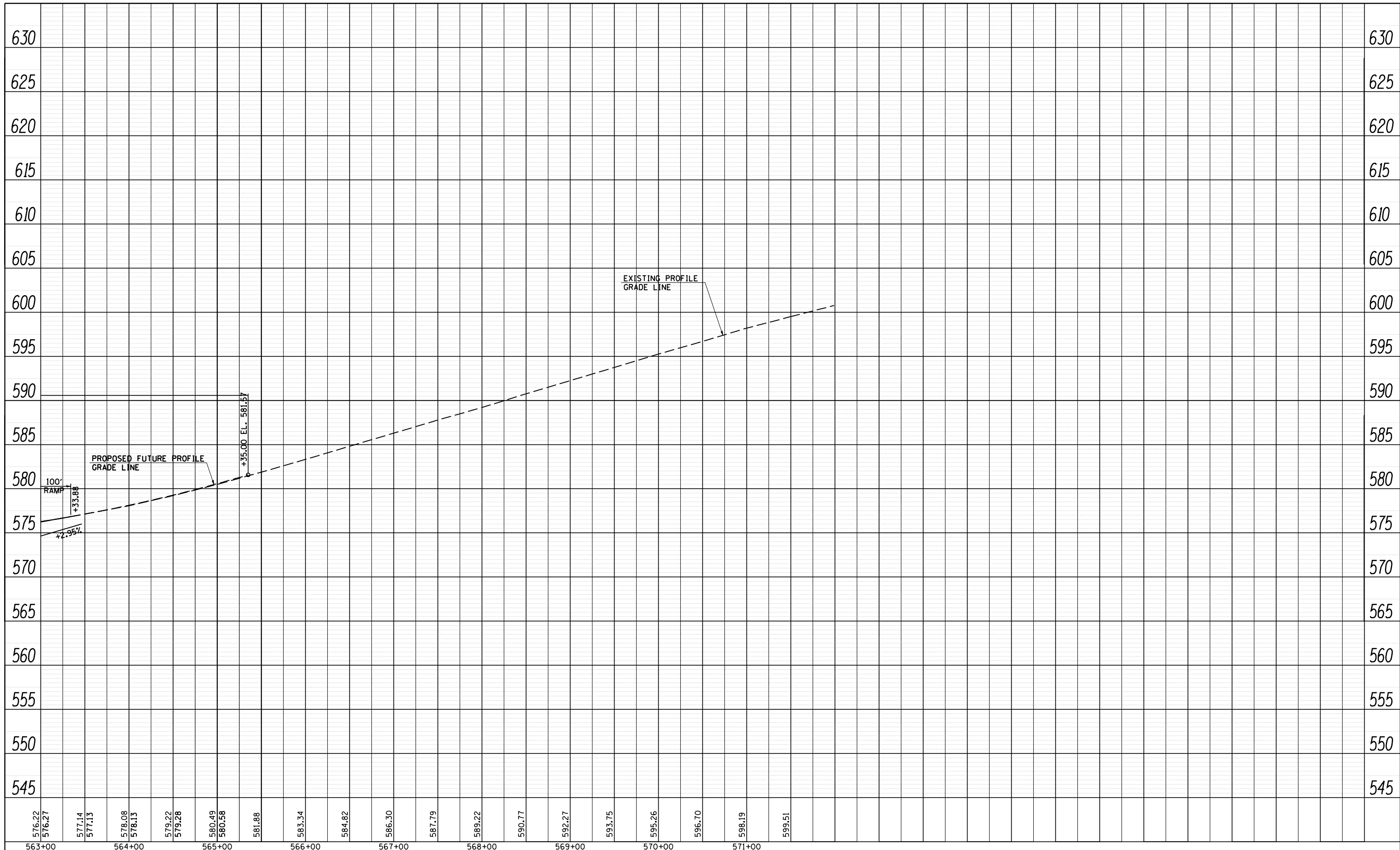


SEE SHEETS 57-65 FOR CROSSOVER CONSTRUCTION DETAILS



PLAN	SURVEYED	BY	DATE
	PLOTTED		
	GRADES CHECKED		
	STRUCTURE NOT AT THIS OFFICE		
	NOTE BOOK NO.		
	CAD FILE NAME		

PROFILE	SURVEYED	BY	DATE
	PLOTTED		
	GRADES CHECKED		
	STRUCTURE NOT AT THIS OFFICE		
	NOTE BOOK NO.		
	CAD FILE NAME		



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 PLOT DATE = 9/8/2011

DESIGNED - NAK  
 DRAWN - TJD  
 CHECKED - NAK  
 DATE - 8/12/2011

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STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

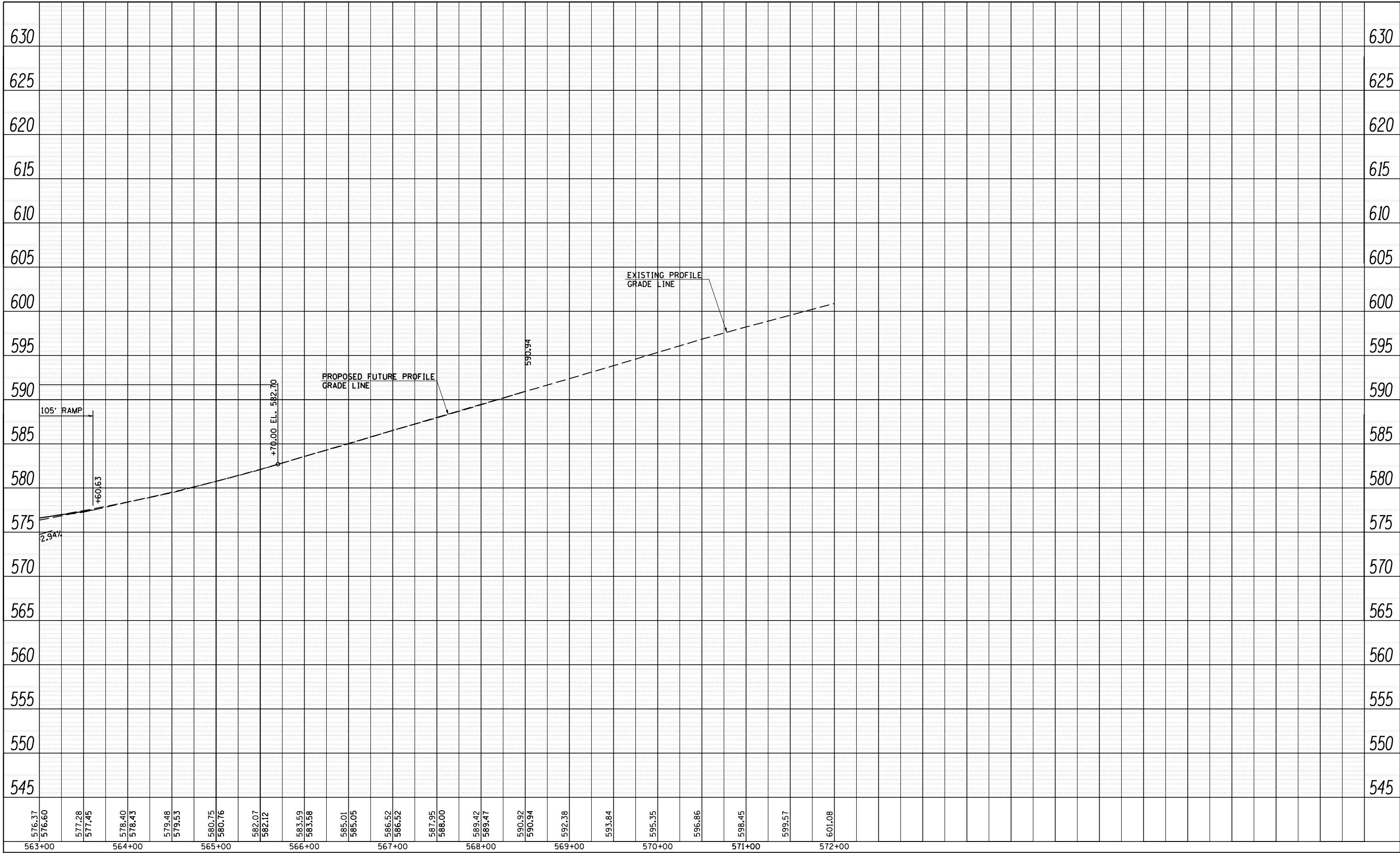
I-55 NORTHBOUND PROFILE

SCALE: SHEET NO. OF SHEETS STA. 563+00 TO STA. 571+50

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	D6 LOGAN CO BR 2011	LOGAN	224	36
FED. ROAD DIST. NO.			CONTRACT NO. 72E10	
ILLINOIS FED. AID PROJECT				

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

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



576.37	576.60	577.28	577.45	578.40	578.43	579.48	579.53	580.75	580.76	582.07	582.12	583.59	583.58	585.01	585.05	586.52	586.52	587.95	588.00	589.42	589.47	590.92	590.94	592.38	593.84	595.35	596.86	598.45	599.57	601.08
563+00	564+00	565+00	566+00	567+00	568+00	569+00	570+00	571+00	572+00																					

**CEC** Cummins Engineering Corporation  
Civil and Structural Engineering

JOB = 2236.09  
FILE NAME = D672E10-shr-SBprof.dgn  
PLOT SCALE = 100.0000' / IN.  
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DATE - 8/12/2011

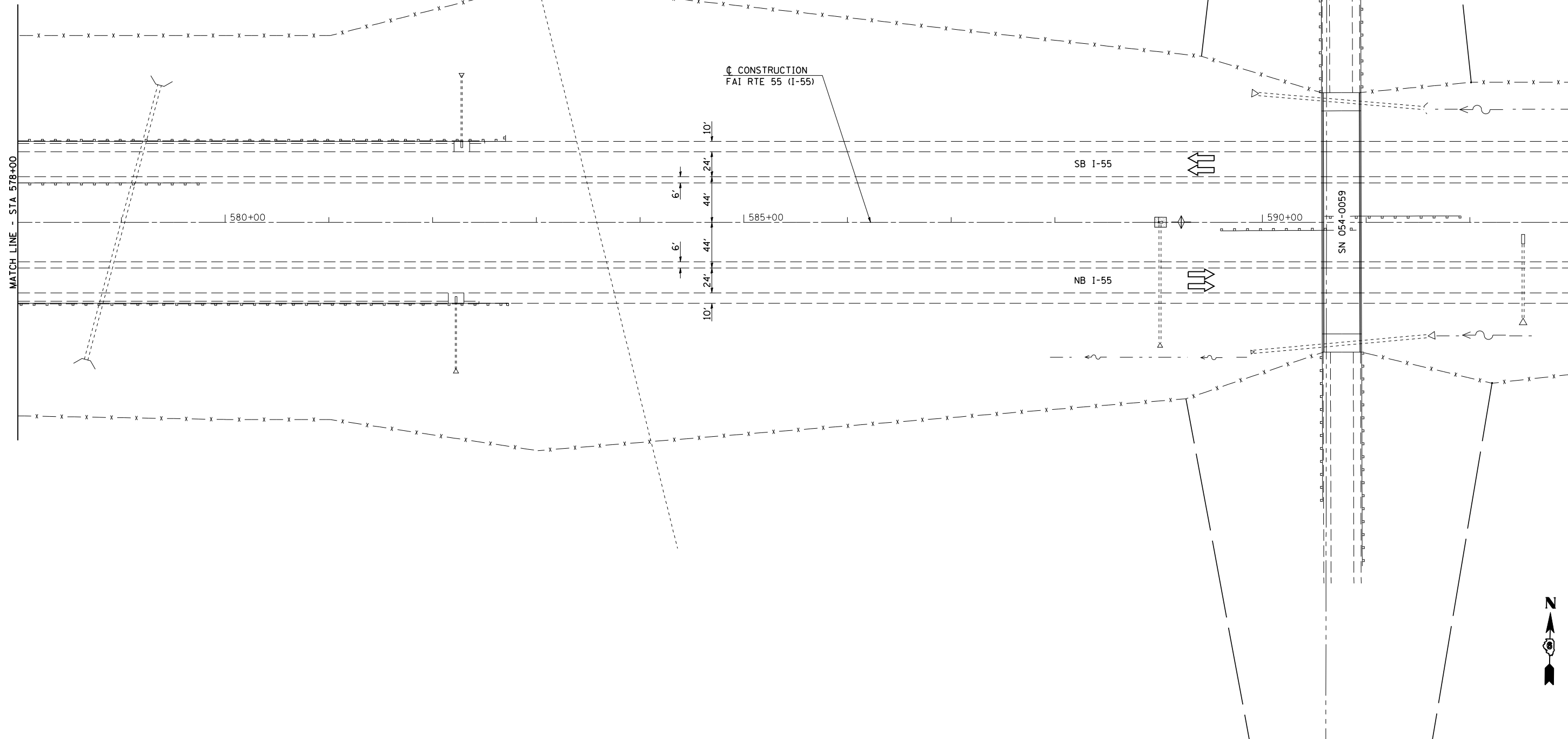
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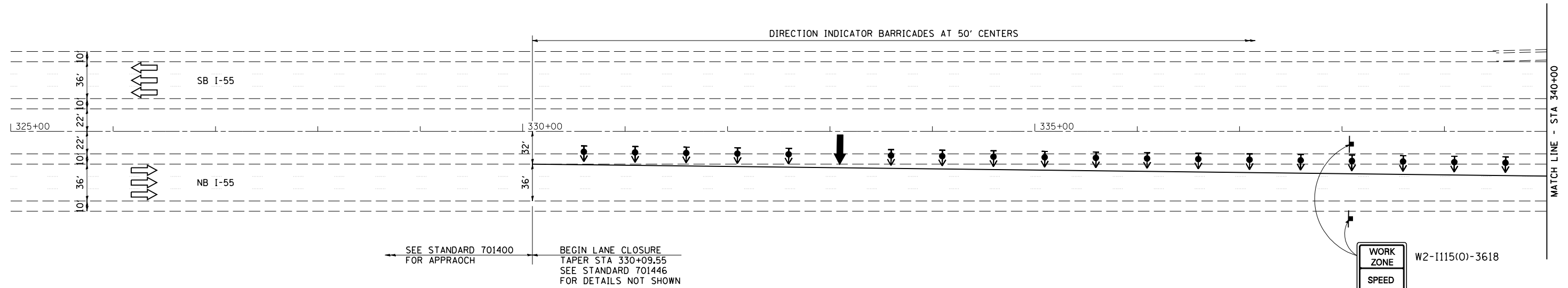
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**I-55 SOUTHBOUND PROFILE**  
SCALE: SHEET NO. OF SHEETS STA. 563+00 TO STA. 571+50

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	D6 LOGAN CO BR 2011	LOGAN	224	37
FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT	

CONTRACT NO. 72E10





**LEGEND**

- ↑ ARROW BOARD
- ⊣ SIGN
- ⬇️ DIRECTION INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT
- TYPE II BARRICADE, DRUM, OR VERTICAL BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT
- ⬇️ TYPE II BARRICADE OR DRUMS WITH STEADY BURN MONODIRECTIONAL LIGHT
- TEMPORARY IMPACT ATTENUATORS
- FLEXIBLE DELINEATOR
- ▶ MONODIRECTIONAL BARRIER WALL / GUARDRAIL MARKER AT 25' CTRS.
- ⊣ TYPE III BARRICADE
- ▬ TEMPORARY CONCRETE BARRIER
- ▨ HMA SURFACE REMOVAL BUTT JOINT
- ▨ PAVED SHOULDER REMOVAL HMA BASE COURSE
- ▨ APPROACH SLAB REMOVAL
- ▨ PAVEMENT REMOVAL

**NOTES:**

SEE STANDARDS 701400, 701401, 701411, AND 701446 FOR DETAILS NOT SHOWN.

THE CONTRACTOR SHALL SCHEDULE HIS OPERATIONS SO THAT ALL LANES ARE OPEN TO TRAFFIC FROM FRIDAY AT 11:00 AM UNTIL MONDAY AT 6:00 AM.

**SEQUENCE OF OPERATIONS SN 054-0048, 0049**

- STAGE 1
1. PLACE TRAFFIC CONTROL ITEMS AS SHOWN ON THE STAGE 1 TRAFFIC CONTROL & PROTECTION DETAILS AND AS REQUIRED BY STANDARDS 701400, 701401, 701411 AND 701446.
  2. REMOVE EXISTING POLYMER CONCRETE AND JOINT SEALS AT THE LOCATIONS SHOWN IN THE PLANS.
  3. CONSTRUCT POLYMER CONCRETE AND JOINT SEALS.

WORK ZONE	W2-I115(0)-3618
SPEED LIMIT	R2-1-3648
45	
BEGINS	W2-I113(0)-3612
\$XXX FINE MINIMUM	R2-I106-3618



JOB = 2236.9	DESIGNED - NAK	REVISED -
FILE NAME = D672E10-sh1-stg1.dgn	DRAWN - TJD	REVISED -
PLOT SCALE = 100.0000 ' / IN.	CHECKED - NAK	REVISED -
PLOT DATE = 9/8/2011	DATE - 8/12/2011	REVISED -

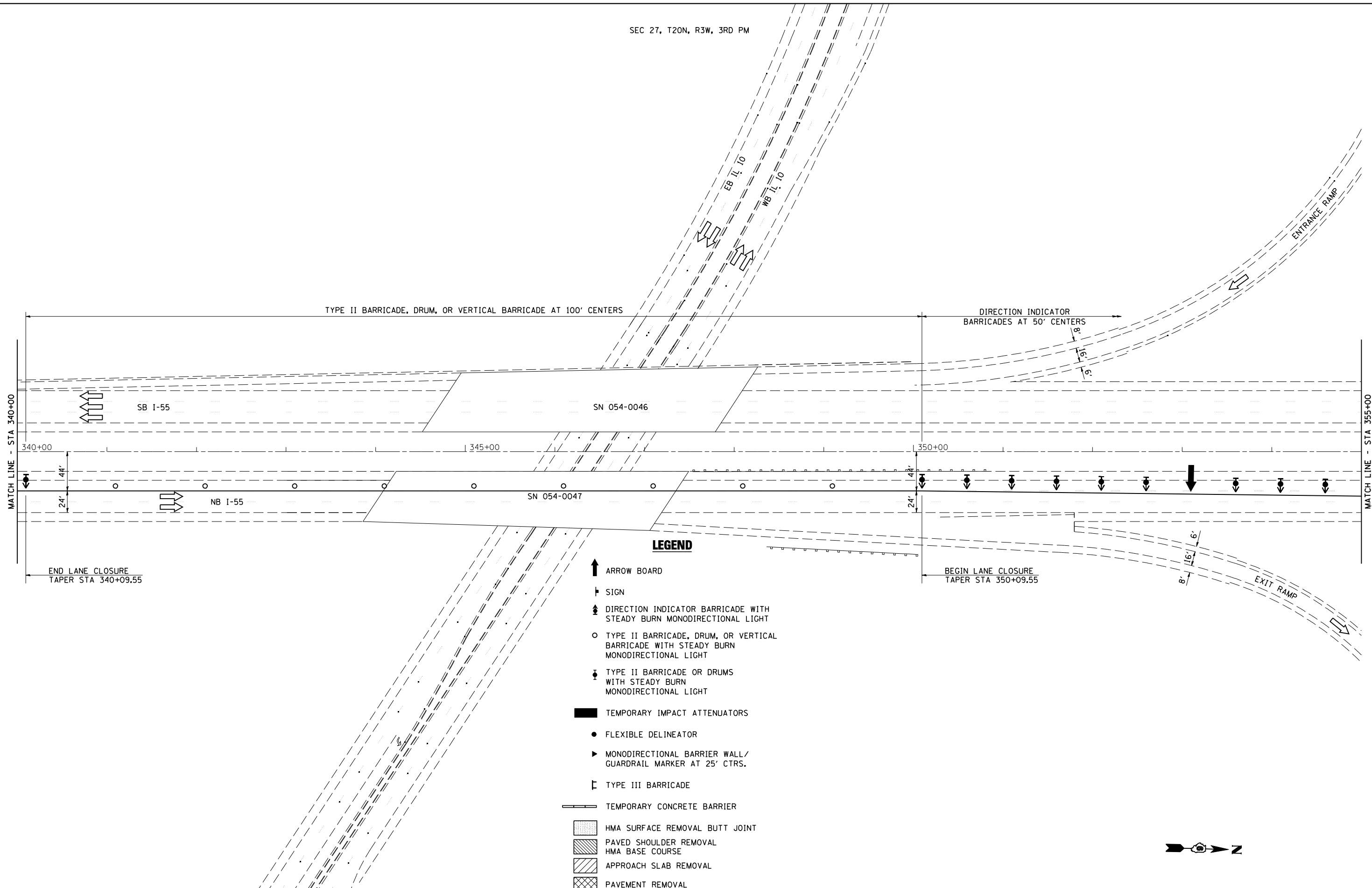
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**STAGE 1 TRAFFIC CONTROL & PROTECTION DETAIL**

SCALE: SHEET NO. OF SHEETS STA. 325+00 TO STA. 340+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	D6 LOGAN CO BR 2011	LOGAN	224	39
FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT	
			CONTRACT NO. 72E10	

SEC 27, T20N, R3W, 3RD PM



**LEGEND**

- ↑ ARROW BOARD
- ▮ SIGN
- ⬇️ DIRECTION INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT
- TYPE II BARRICADE, DRUM, OR VERTICAL BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT
- ⬇️ TYPE II BARRICADE OR DRUMS WITH STEADY BURN MONODIRECTIONAL LIGHT
- TEMPORARY IMPACT ATTENUATORS
- FLEXIBLE DELINEATOR
- ▶ MONODIRECTIONAL BARRIER WALL/ GUARDRAIL MARKER AT 25' CTRS.
- ┌ TYPE III BARRICADE
- ▬ TEMPORARY CONCRETE BARRIER
- ▨ HMA SURFACE REMOVAL BUTT JOINT
- ▩ PAVED SHOULDER REMOVAL HMA BASE COURSE
- ▧ APPROACH SLAB REMOVAL
- ▩ PAVEMENT REMOVAL



JOB = 2236.9	DESIGNED - NAK	REVISED -
FILE NAME = D672E10-sht-stg1.dgn	DRAWN - TJD	REVISED -
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PLOT DATE = 9/8/2011	DATE - 8/12/2011	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

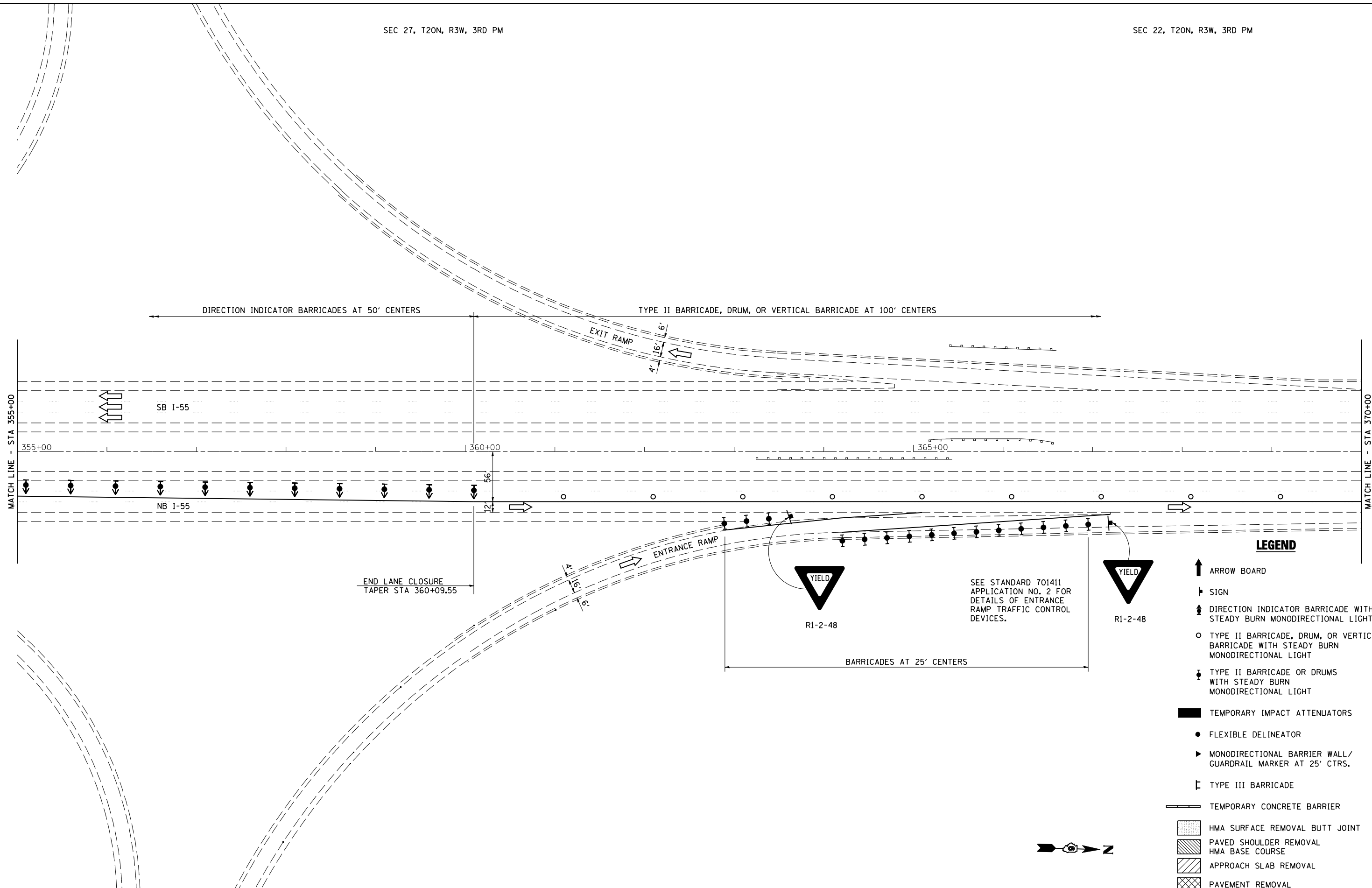
**STAGE 1 TRAFFIC CONTROL & PROTECTION DETAIL**

SCALE: SHEET NO. OF SHEETS STA. 340+00 TO STA. 355+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	D6 LOGAN CO BR 2011	LOGAN	224	40
FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT	

CONTRACT NO. 72E10





**LEGEND**

- ARROW BOARD
- SIGN
- DIRECTION INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT
- TYPE II BARRICADE, DRUM, OR VERTICAL BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT
- TYPE II BARRICADE OR DRUMS WITH STEADY BURN MONODIRECTIONAL LIGHT
- TEMPORARY IMPACT ATTENUATORS
- FLEXIBLE DELINEATOR
- MONODIRECTIONAL BARRIER WALL/ GUARDRAIL MARKER AT 25' CTRS.
- TYPE III BARRICADE
- TEMPORARY CONCRETE BARRIER
- HMA SURFACE REMOVAL BUTT JOINT
- PAVED SHOULDER REMOVAL
- APPROACH SLAB REMOVAL
- PAVEMENT REMOVAL

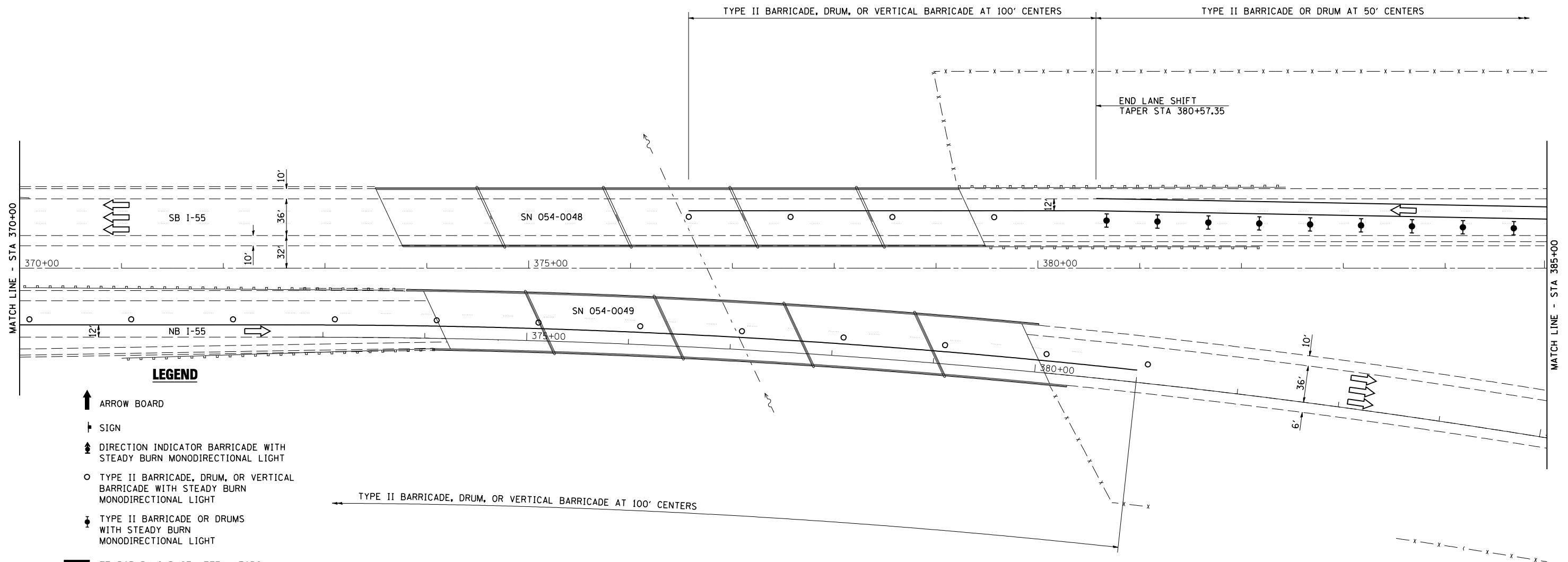


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PLOT DATE = 9/8/2011	DATE - 8/12/2011	REVISED -















**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>STAGE 1 TRAFFIC CONTROL &amp; PROTECTION DETAIL</b>			
SCALE:	SHEET NO.	OF SHEETS	STA. 355+00 TO STA. 370+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	D6 LOGAN CO BR 2011	LOGAN	224	41
FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT	



**LEGEND**

-  ARROW BOARD
-  SIGN
-  DIRECTION INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT
-  TYPE II BARRICADE, DRUM, OR VERTICAL BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT
-  TYPE II BARRICADE OR DRUMS WITH STEADY BURN MONODIRECTIONAL LIGHT
-  TEMPORARY IMPACT ATTENUATORS
-  FLEXIBLE DELINEATOR
-  MONODIRECTIONAL BARRIER WALL/ GUARDRAIL MARKER AT 25' CTRS.
-  TYPE III BARRICADE
-  TEMPORARY CONCRETE BARRIER
-  HMA SURFACE REMOVAL BUTT JOINT
-  PAVED SHOULDER REMOVAL HMA BASE COURSE
-  APPROACH SLAB REMOVAL
-  PAVEMENT REMOVAL

TYPE II BARRICADE, DRUM, OR VERTICAL BARRICADE AT 100' CENTERS



JOB = 2236.9  
 FILE NAME = D672E10-sh1-stg1.dgn  
 PLOT SCALE = 100.0000 ' / IN.  
 PLOT DATE = 9/8/2011

DESIGNED - NAK  
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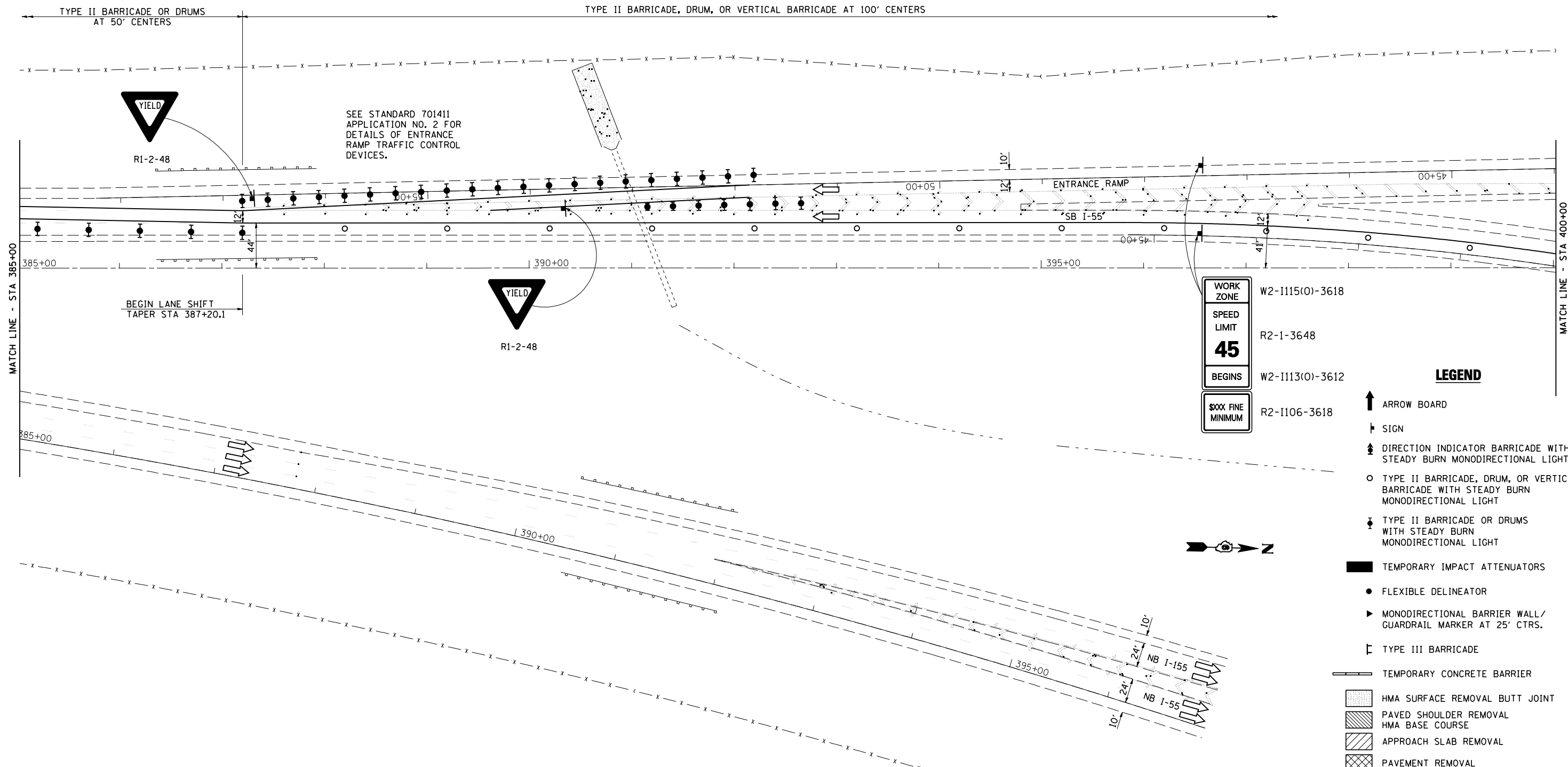
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**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**STAGE 1 TRAFFIC CONTROL & PROTECTION DETAIL**

SCALE: SHEET NO. OF SHEETS STA. 370+00 TO STA. 385+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	D6 LOGAN CO BR 2011	LOGAN	224	42
FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT	
			CONTRACT NO. 72E10	



WORK ZONE	W2-I115(0)-3618
SPEED LIMIT	R2-1-3648
<b>45</b>	
BEGINS	W2-I113(0)-3612
\$\$\$ FINE MINIMUM	R2-I106-3618

- LEGEND**
- ↑ ARROW BOARD
  - ↑ SIGN
  - ↑ DIRECTION INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT
  - TYPE II BARRICADE, DRUM, OR VERTICAL BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT
  - ↓ TYPE II BARRICADE OR DRUMS WITH STEADY BURN MONODIRECTIONAL LIGHT
  - TEMPORARY IMPACT ATTENUATORS
  - FLEXIBLE DELINEATOR
  - ▶ MONODIRECTIONAL BARRIER WALL/ GUARDRAIL MARKER AT 25' CTRS.
  - ┌ TYPE III BARRICADE
  - TEMPORARY CONCRETE BARRIER
  - ▨ HMA SURFACE REMOVAL BUTT JOINT
  - ▩ PAVED SHOULDER REMOVAL HMA BASE COURSE
  - ▧ APPROACH SLAB REMOVAL
  - ▣ PAVEMENT REMOVAL



JOB = 2236.9  
 FILE NAME = D672E10-shr-stg1.dgn  
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DESIGNED - NAK  
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 DATE - 8/12/2011

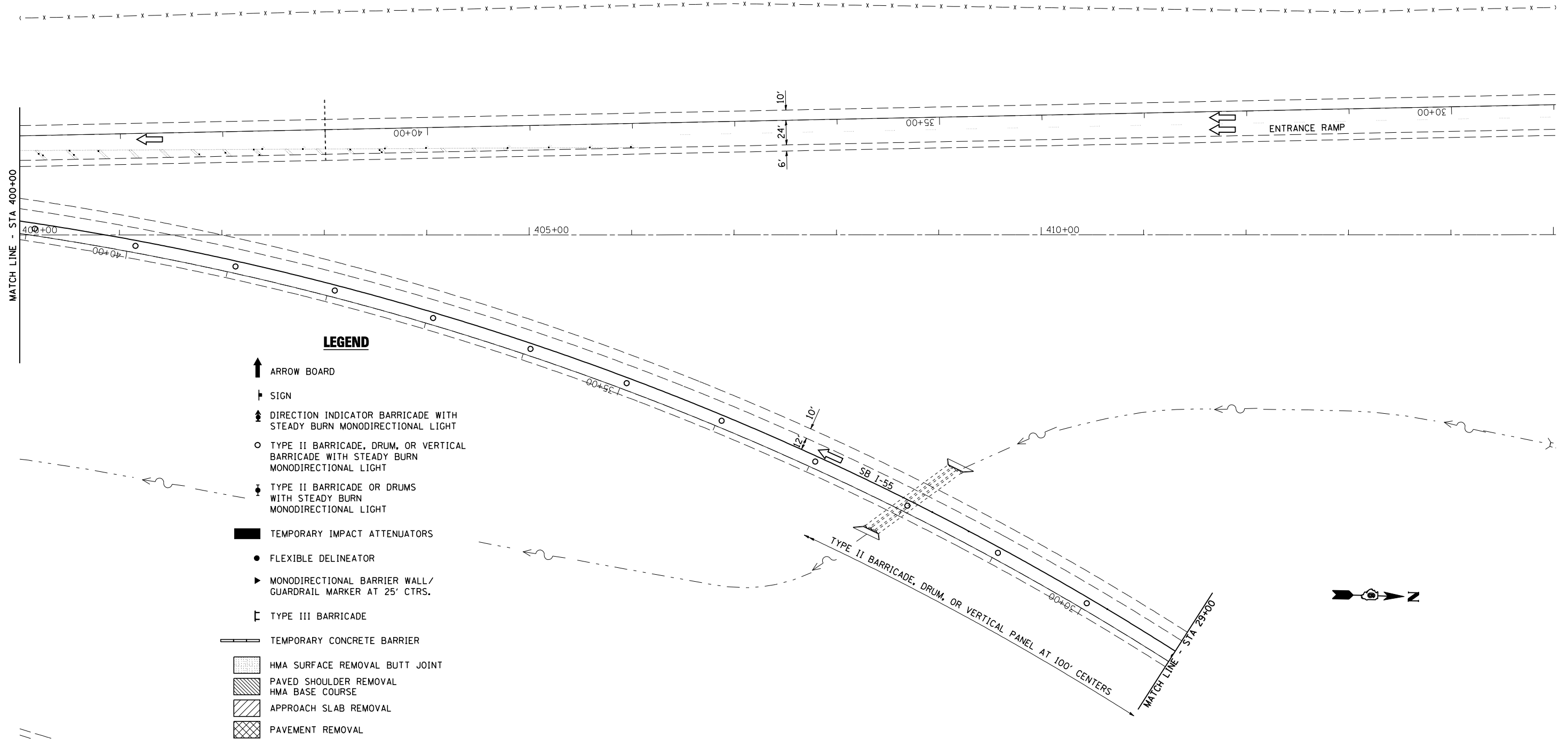
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**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**STAGE 1 TRAFFIC CONTROL & PROTECTION DETAIL**

SCALE: SHEET NO. OF SHEETS STA. 385+00 TO STA. 400+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	D6 LOGAN CO BR 2011	LOGAN	224	43
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 72E10	



**LEGEND**

- ↑ ARROW BOARD
- ▬ SIGN
- ↑ DIRECTION INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT
- TYPE II BARRICADE, DRUM, OR VERTICAL BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT
- ⬇ TYPE II BARRICADE OR DRUMS WITH STEADY BURN MONODIRECTIONAL LIGHT
- TEMPORARY IMPACT ATTENUATORS
- FLEXIBLE DELINEATOR
- ▶ MONODIRECTIONAL BARRIER WALL/ GUARDRAIL MARKER AT 25' CTRS.
- ┌ TYPE III BARRICADE
- ▬ TEMPORARY CONCRETE BARRIER
- ▨ HMA SURFACE REMOVAL BUTT JOINT
- ▩ PAVED SHOULDER REMOVAL HMA BASE COURSE
- ▧ APPROACH SLAB REMOVAL
- ▣ PAVEMENT REMOVAL



JOB = 2236.9  
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 PLOT SCALE = 100.0000 ' / IN.  
 PLOT DATE = 9/8/2011

DESIGNED - NAK  
 DRAWN - TJD  
 CHECKED - NAK  
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**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

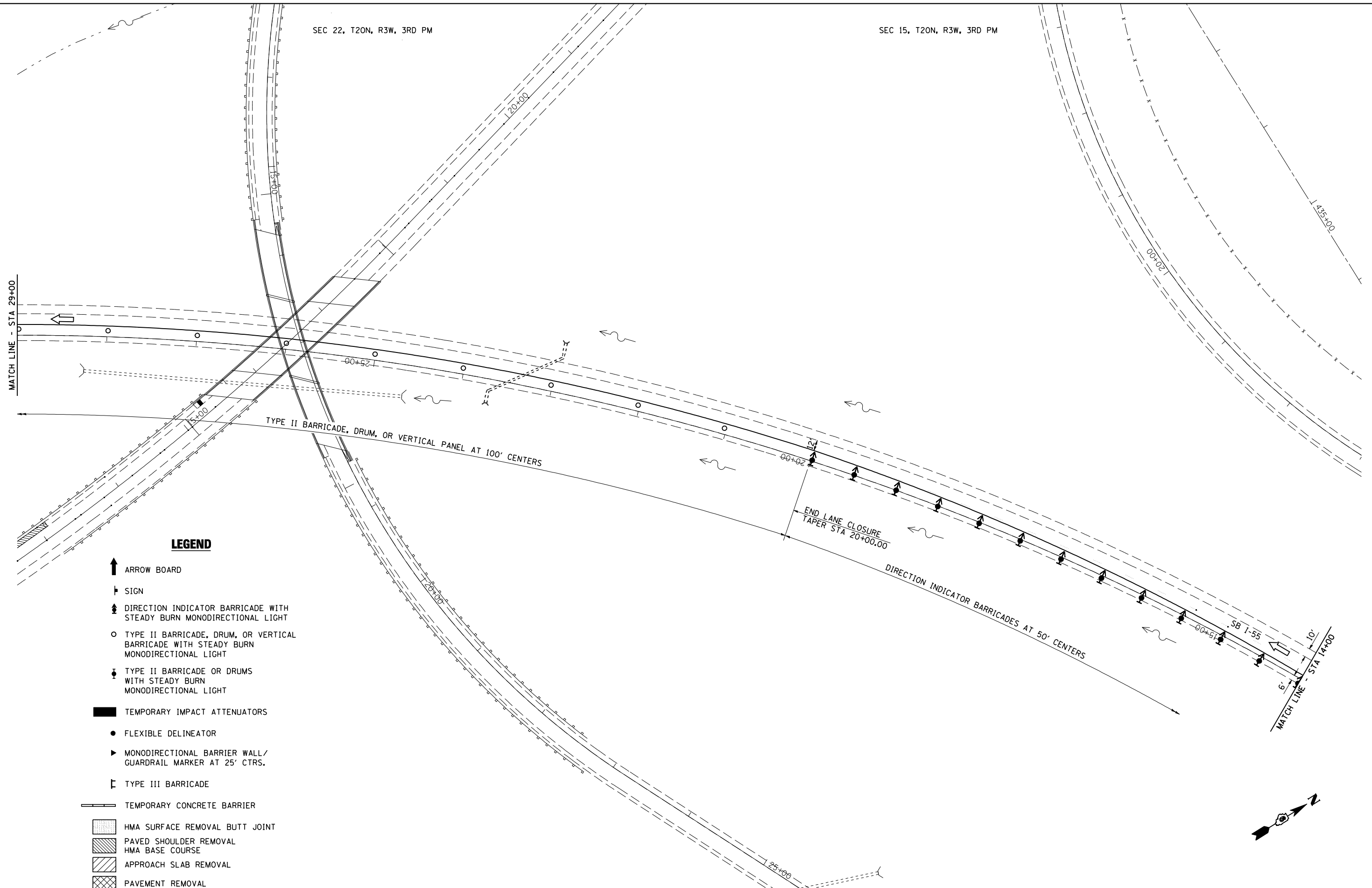
**STAGE 1 TRAFFIC CONTROL & PROTECTION DETAIL**

SCALE: SHEET NO. OF SHEETS STA. 400+00 TO STA. 415+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	D6 LOGAN CO BR 2011	LOGAN	224	44
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 72E10	

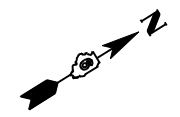
SEC 22, T20N, R3W, 3RD PM

SEC 15, T20N, R3W, 3RD PM



**LEGEND**

- ↑ ARROW BOARD
- ▬ SIGN
- ↑ DIRECTION INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT
- TYPE II BARRICADE, DRUM, OR VERTICAL BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT
- ▬ TYPE II BARRICADE OR DRUMS WITH STEADY BURN MONODIRECTIONAL LIGHT
- TEMPORARY IMPACT ATTENUATORS
- FLEXIBLE DELINEATOR
- ▶ MONODIRECTIONAL BARRIER WALL / GUARDRAIL MARKER AT 25' CTRS.
- ┌ TYPE III BARRICADE
- ▬ TEMPORARY CONCRETE BARRIER
- ▨ HMA SURFACE REMOVAL BUTT JOINT
- ▩ PAVED SHOULDER REMOVAL HMA BASE COURSE
- ▧ APPROACH SLAB REMOVAL
- ▩ PAVEMENT REMOVAL



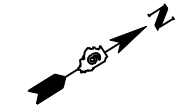
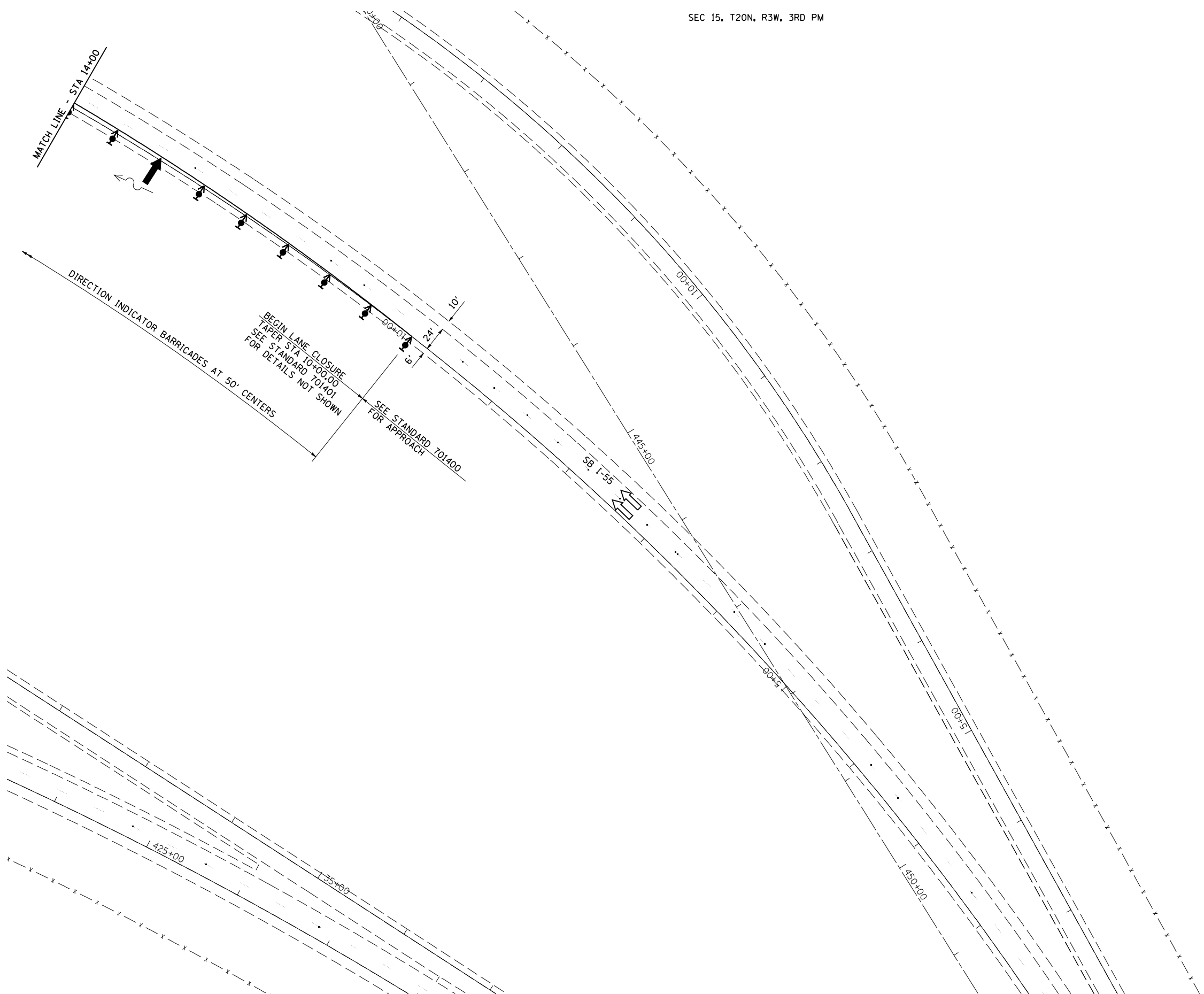
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PLOT DATE = 9/8/2011	DATE - 8/12/2011	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**STAGE 1 TRAFFIC CONTROL & PROTECTION DETAIL**

SCALE: SHEET NO. OF SHEETS STA. 400+00 TO STA. 415+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	D6 LOGAN CO BR 2011	LOGAN	224	45
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 72E10	



**LEGEND**

- ARROW BOARD
- SIGN
- DIRECTION INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT
- TYPE II BARRICADE, DRUM, OR VERTICAL BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT
- TYPE II BARRICADE OR DRUMS WITH STEADY BURN MONODIRECTIONAL LIGHT
- TEMPORARY IMPACT ATTENUATORS
- FLEXIBLE DELINEATOR
- MONODIRECTIONAL BARRIER WALL/ GUARDRAIL MARKER AT 25' CTRS.
- TYPE III BARRICADE
- TEMPORARY CONCRETE BARRIER
- HMA SURFACE REMOVAL BUTT JOINT
- PAVED SHOULDER REMOVAL
- HMA BASE COURSE
- APPROACH SLAB REMOVAL
- PAVEMENT REMOVAL



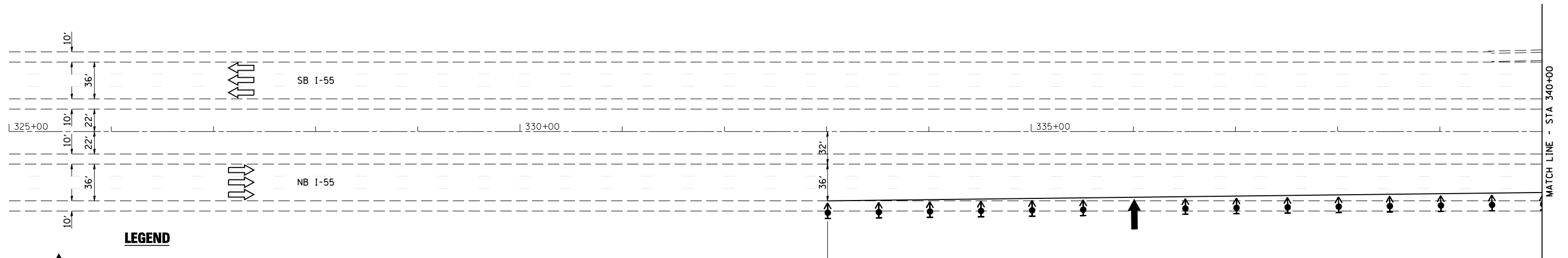
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PLOT DATE = 9/8/2011	DATE - 8/12/2011	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**STAGE 1 TRAFFIC CONTROL & PROTECTION DETAIL**

SCALE: SHEET NO. OF SHEETS STA. 400+00 TO STA. 415+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	D6 LOGAN CO BR 2011	LOGAN	224	46
FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT			CONTRACT NO. 72E10	



**LEGEND**

- ARROW BOARD
- SIGN
- DIRECTION INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT
- TYPE II BARRICADE, DRUM, OR VERTICAL BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT
- TYPE II BARRICADE OR DRUMS WITH STEADY BURN MONODIRECTIONAL LIGHT
- TEMPORARY IMPACT ATTENUATORS
- FLEXIBLE DELINEATOR
- MONODIRECTIONAL BARRIER WALL/ GUARDRAIL MARKER AT 25' CTRS.
- TYPE III BARRICADE
- TEMPORARY CONCRETE BARRIER
- HMA SURFACE REMOVAL BUTT JOINT
- PAVED SHOULDER REMOVAL HMA BASE COURSE
- APPROACH SLAB REMOVAL
- PAVEMENT REMOVAL

**NOTES:**

SEE STANDARDS 701400, 701401, 701411, AND 701446 FOR DETAILS NOT SHOWN.

THE CONTRACTOR SHALL SCHEDULE HIS OPERATIONS SO THAT ALL LANES ARE OPEN TO TRAFFIC FROM FRIDAY AT 11:00 AM UNTIL MONDAY AT 6:00 AM.

**SEQUENCE OF OPERATIONS SN 054-0048, 0049**

**STAGE 2**

1. PLACE TRAFFIC CONTROL ITEMS AS SHOWN ON THE STAGE 2 TRAFFIC CONTROL & PROTECTION DETAILS AND AS REQUIRED BY STANDARDS 701400, 701401, 701411, AND 701446.
2. REMOVE EXISTING POLYMER CONCRETE AND JOINT SEALS AT THE LOCATIONS SHOWN IN THE PLANS.
3. CONSTRUCT POLYMER CONCRETE AND JOINT SEALS.
4. REMOVE TRAFFIC CONTROL DEVICES AND OPEN ALL LANES TO TRAFFIC.

SEE STANDARD 701400 FOR APPROACH

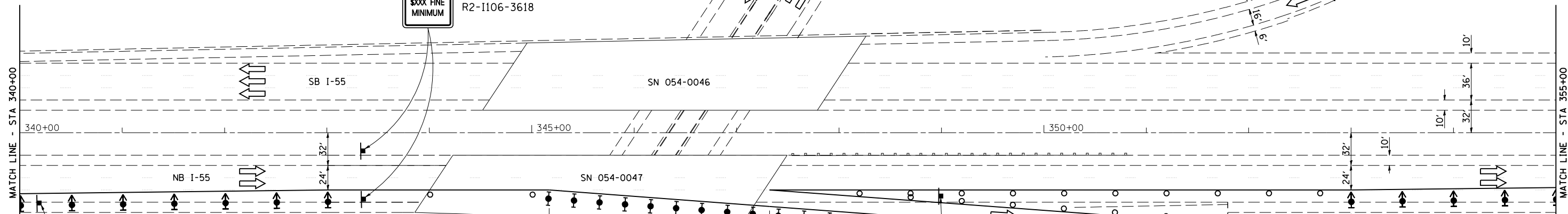
BEGIN LANE CLOSURE TAPER STA 333+00 SEE STANDARD 701446 FOR DETAILS NOT SHOWN



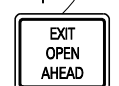
SEC 27, T20N, R3W, 3RD PM

EB IL 10  
WB IL 10

WORK ZONE W2-I115(0)-3618  
SPEED LIMIT R2-1-3648  
**45**  
BEGINS W2-I113(0)-3612  
\$XXX FINE MINIMUM R2-I106-3618



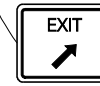
**LEGEND**



D4-I102(G)

- ↑ ARROW BOARD
- ▬ SIGN
- ↑ DIRECTION INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT
- TYPE II BARRICADE, DRUM, OR VERTICAL BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT
- ⬇ TYPE II BARRICADE OR DRUMS WITH STEADY BURN MONODIRECTIONAL LIGHT
- TEMPORARY IMPACT ATTENUATORS
- FLEXIBLE DELINEATOR
- ▶ MONODIRECTIONAL BARRIER WALL/ GUARDRAIL MARKER AT 25' CTRS.
- ┌ TYPE III BARRICADE
- ▬ TEMPORARY CONCRETE BARRIER
- ▨ HMA SURFACE REMOVAL BUTT JOINT
- ▩ PAVED SHOULDER REMOVAL HMA BASE COURSE
- ▧ APPROACH SLAB REMOVAL
- ▣ PAVEMENT REMOVAL

END LANE CLOSURE TAPER STA 343+00



SEE STANDARD 701411 APPLICATION NO. 4 FOR DETAILS OF EXIT RAMP TRAFFIC CONTROL DEVICES.

BARRICADES AT 25' CENTERS  
DRUMS AT 50' CENTERS  
DIRECTION INDICATOR BARRICADES AT 50' CENTERS



JOB = 2236.9  
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PLOT DATE = 9/8/2011

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DRAWN - TJD  
CHECKED - NAK  
DATE - 8/12/2011

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STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

STAGE 2 TRAFFIC CONTROL & PROTECTION DETAIL

SCALE: SHEET NO. OF SHEETS STA. 340+00 TO STA. 355+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT	
			CONTRACT NO. 72E10	

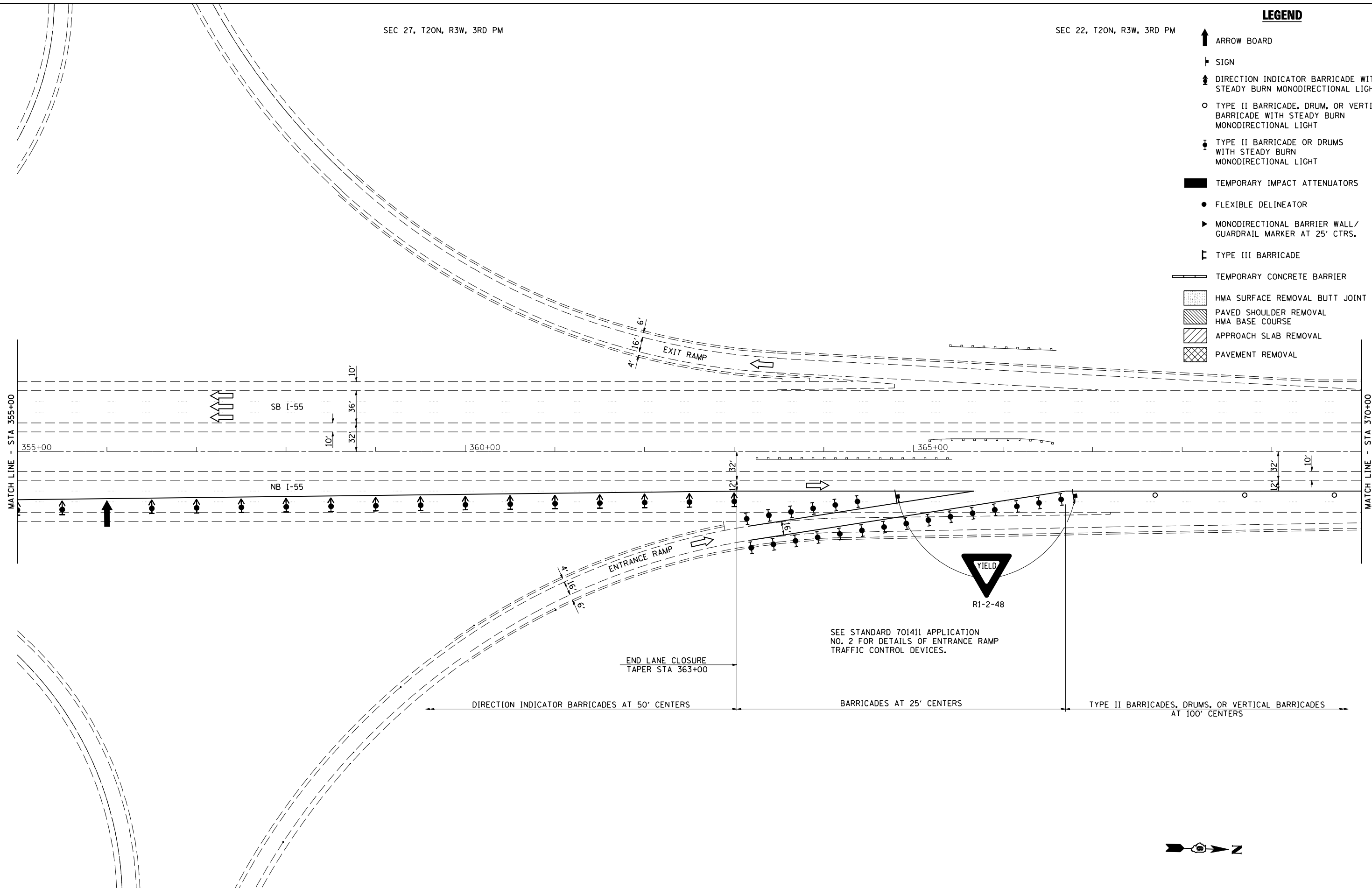


SEC 27, T20N, R3W, 3RD PM

SEC 22, T20N, R3W, 3RD PM

**LEGEND**

- ↑ ARROW BOARD
- ┆ SIGN
- ↑ DIRECTION INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT
- TYPE II BARRICADE, DRUM, OR VERTICAL BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT
- ↓ TYPE II BARRICADE OR DRUMS WITH STEADY BURN MONODIRECTIONAL LIGHT
- TEMPORARY IMPACT ATTENUATORS
- FLEXIBLE DELINEATOR
- ▶ MONODIRECTIONAL BARRIER WALL / GUARDRAIL MARKER AT 25' CTRS.
- ┆ TYPE III BARRICADE
- ▬ TEMPORARY CONCRETE BARRIER
- ▨ HMA SURFACE REMOVAL BUTT JOINT
- ▩ PAVED SHOULDER REMOVAL HMA BASE COURSE
- ▧ APPROACH SLAB REMOVAL
- ▣ PAVEMENT REMOVAL



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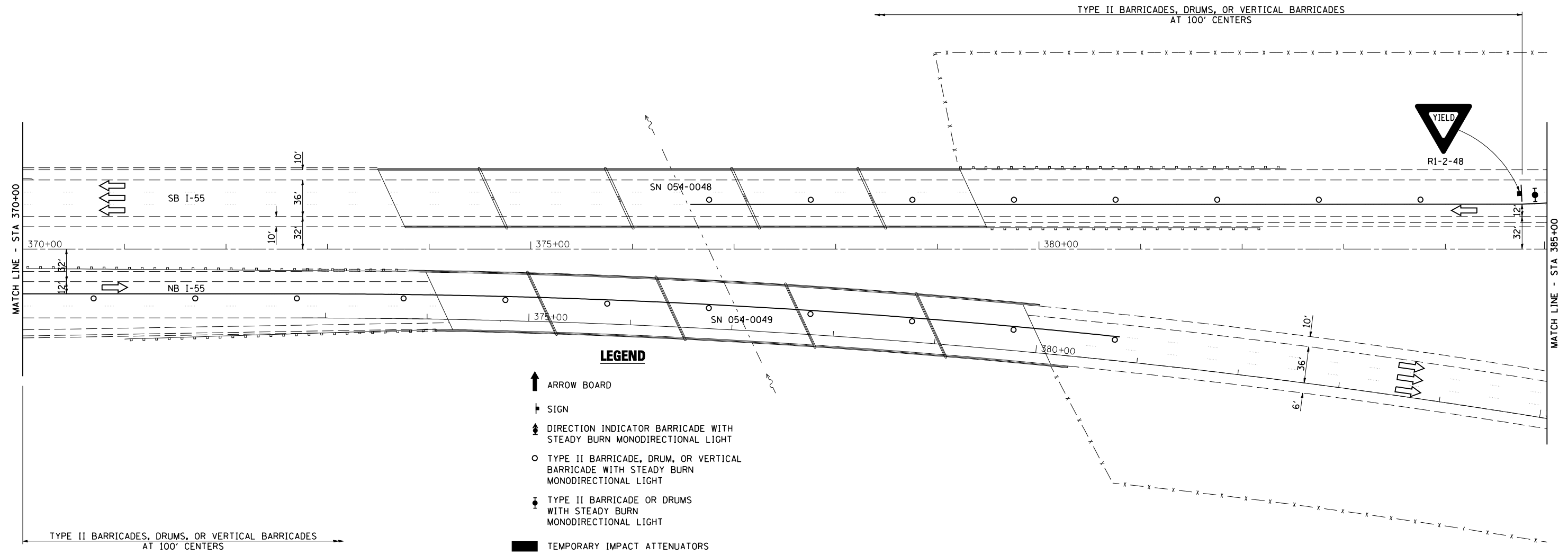
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**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**STAGE 2 TRAFFIC CONTROL & PROTECTION DETAIL**

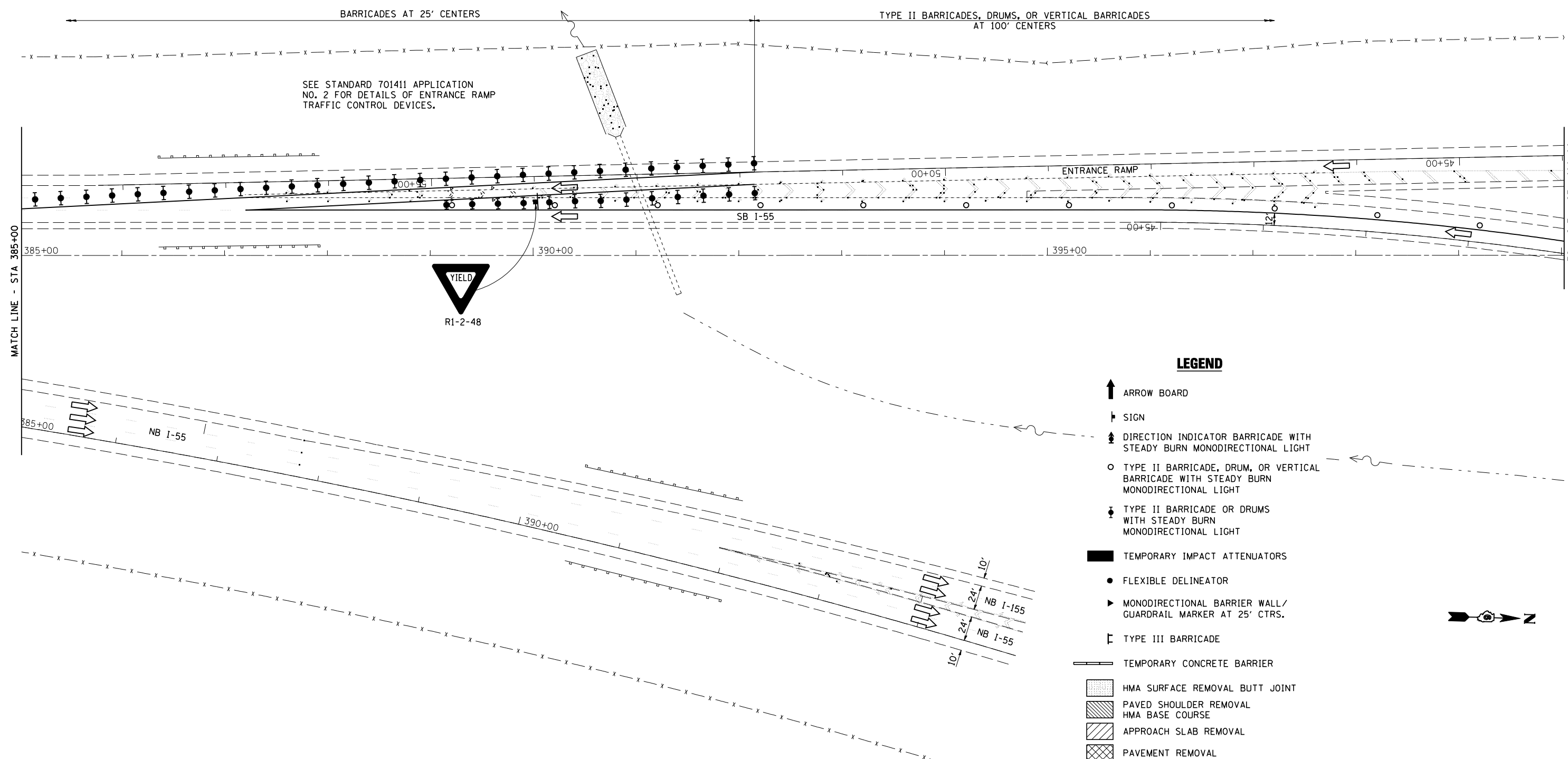
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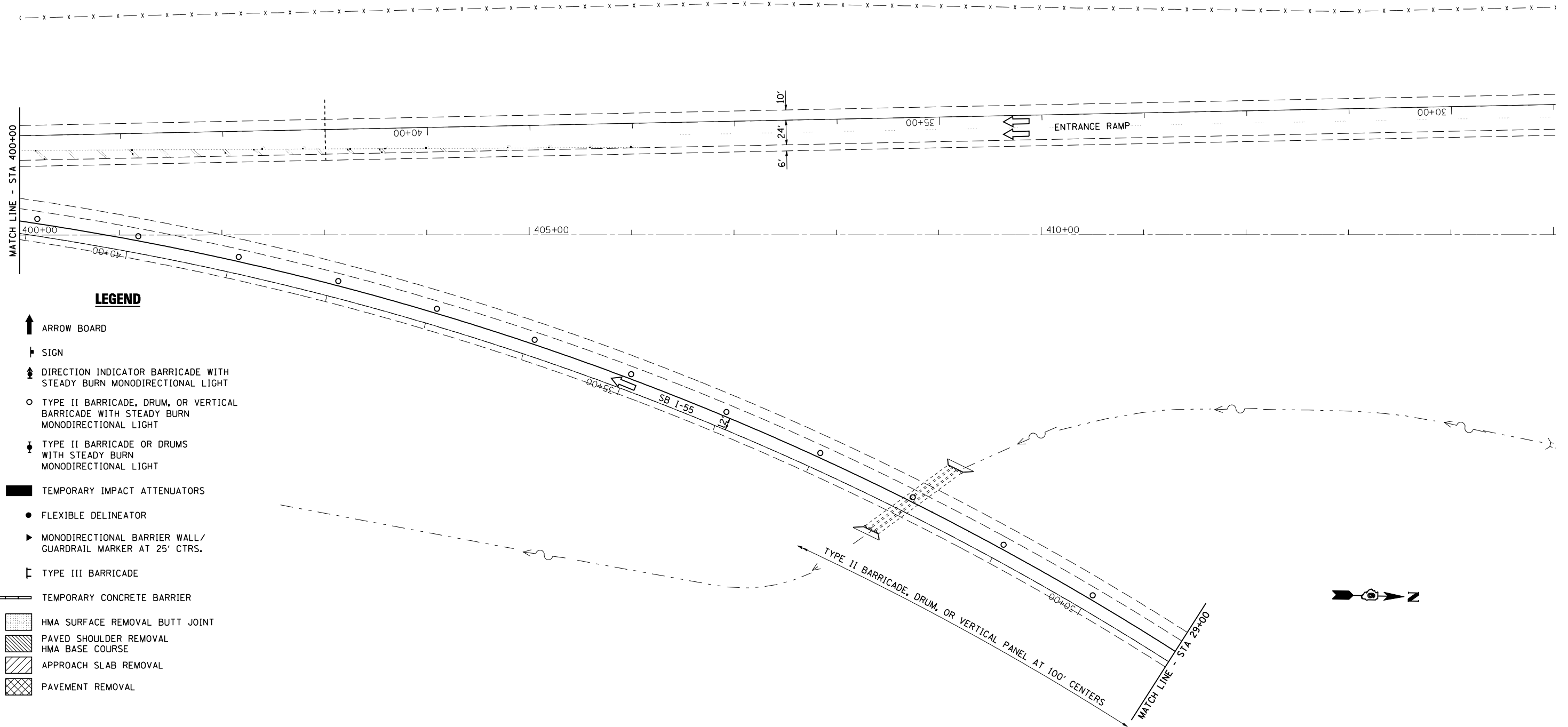
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	D6 LOGAN CO BR 2011	LOGAN	224	49
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 72E10	



- LEGEND**
- ↑ ARROW BOARD
  - ▬ SIGN
  - ⬆ DIRECTION INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT
  - TYPE II BARRICADE, DRUM, OR VERTICAL BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT
  - ⬇ TYPE II BARRICADE OR DRUMS WITH STEADY BURN MONODIRECTIONAL LIGHT
  - TEMPORARY IMPACT ATTENUATORS
  - FLEXIBLE DELINEATOR
  - ▶ MONODIRECTIONAL BARRIER WALL/ GUARDRAIL MARKER AT 25' CTRS.
  - ┌ TYPE III BARRICADE
  - ▬ TEMPORARY CONCRETE BARRIER
  - ▨ HMA SURFACE REMOVAL BUTT JOINT
  - ▩ PAVED SHOULDER REMOVAL HMA BASE COURSE
  - ▧ APPROACH SLAB REMOVAL
  - ▣ PAVEMENT REMOVAL







**LEGEND**

- ↑ ARROW BOARD
- ↑ SIGN
- ↑ DIRECTION INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT
- TYPE II BARRICADE, DRUM, OR VERTICAL BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT
- ↓ TYPE II BARRICADE OR DRUMS WITH STEADY BURN MONODIRECTIONAL LIGHT
- TEMPORARY IMPACT ATTENUATORS
- FLEXIBLE DELINEATOR
- ▶ MONODIRECTIONAL BARRIER WALL/ GUARDRAIL MARKER AT 25' CTRS.
- ┌ TYPE III BARRICADE
- ▬ TEMPORARY CONCRETE BARRIER
- ▨ HMA SURFACE REMOVAL BUTT JOINT
- ▩ PAVED SHOULDER REMOVAL HMA BASE COURSE
- ▧ APPROACH SLAB REMOVAL
- ▦ PAVEMENT REMOVAL



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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

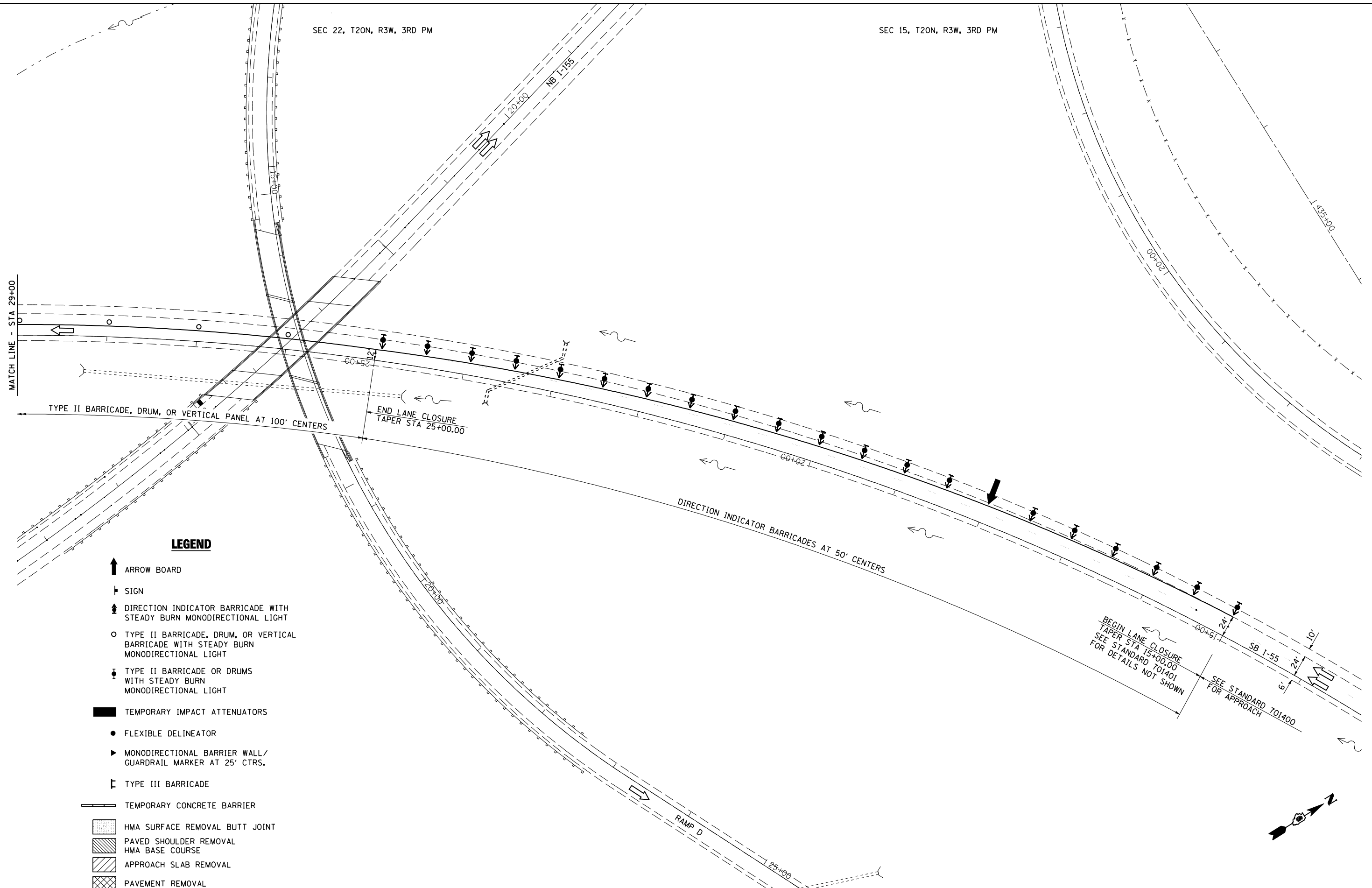
**STAGE 2 TRAFFIC CONTROL & PROTECTION DETAIL**

SCALE: SHEET NO. OF SHEETS STA. 400+00 TO STA. 415+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	D6 LOGAN CO BR 2011	LOGAN	224	52
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 72E10	

SEC 22, T20N, R3W, 3RD PM

SEC 15, T20N, R3W, 3RD PM



**LEGEND**

- ↑ ARROW BOARD
- ⊥ SIGN
- ⬇️ DIRECTION INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT
- TYPE II BARRICADE, DRUM, OR VERTICAL BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT
- ⬇️ TYPE II BARRICADE OR DRUMS WITH STEADY BURN MONODIRECTIONAL LIGHT
- ▬ TEMPORARY IMPACT ATTENUATORS
- FLEXIBLE DELINEATOR
- ▶ MONODIRECTIONAL BARRIER WALL / GUARDRAIL MARKER AT 25' CTRS.
- ⊥ TYPE III BARRICADE
- ▬ TEMPORARY CONCRETE BARRIER
- ▨ HMA SURFACE REMOVAL BUTT JOINT
- ▩ PAVED SHOULDER REMOVAL HMA BASE COURSE
- ▧ APPROACH SLAB REMOVAL
- ▩ PAVEMENT REMOVAL



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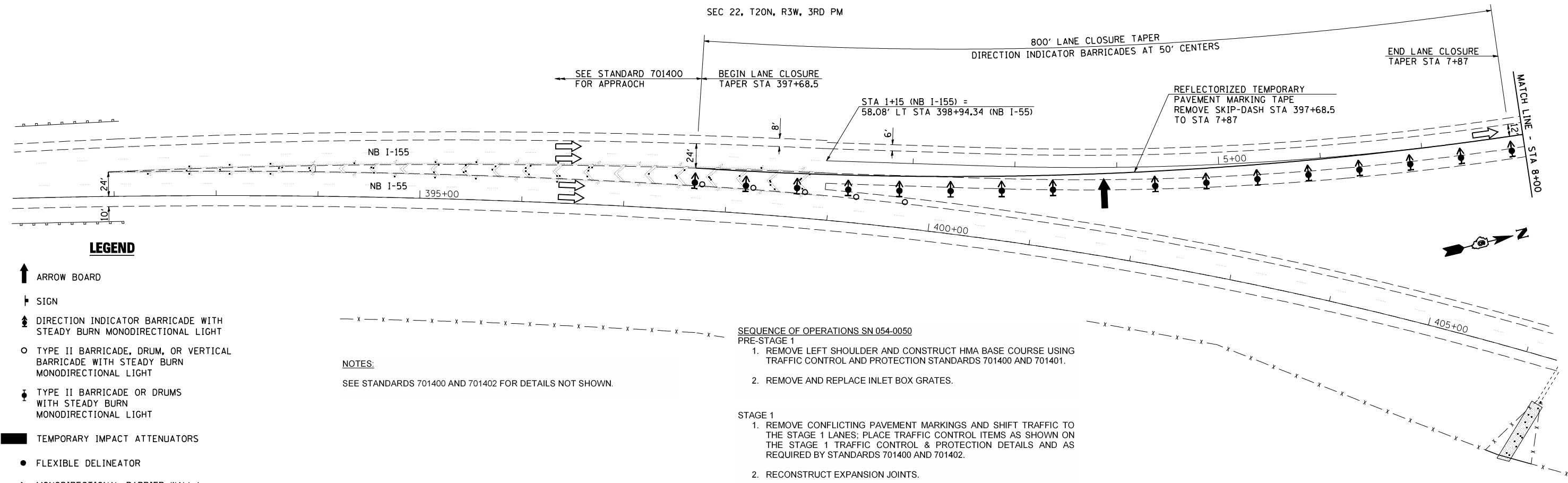
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**STAGE 2 TRAFFIC CONTROL & PROTECTION DETAIL**

SCALE: SHEET NO. OF SHEETS STA. 400+00 TO STA. 415+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	D6 LOGAN CO BR 2011	LOGAN	224	53
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 72E10	

SEC 22, T20N, R3W, 3RD PM



**LEGEND**

- ↑ ARROW BOARD
- ⊥ SIGN
- ⬆ DIRECTION INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT
- TYPE II BARRICADE, DRUM, OR VERTICAL BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT
- ⬇ TYPE II BARRICADE OR DRUMS WITH STEADY BURN MONODIRECTIONAL LIGHT
- TEMPORARY IMPACT ATTENUATORS
- FLEXIBLE DELINEATOR
- ▶ MONODIRECTIONAL BARRIER WALL/ GUARDRAIL MARKER AT 25' CTRS.
- ⊥ TYPE III BARRICADE
- ▬ TEMPORARY CONCRETE BARRIER
- ▨ HMA SURFACE REMOVAL BUTT JOINT
- ▩ PAVED SHOULDER REMOVAL HMA BASE COURSE, HMA SURF COURSE
- ▧ APPROACH SLAB REMOVAL
- ▦ PAVEMENT REMOVAL

**NOTES:**

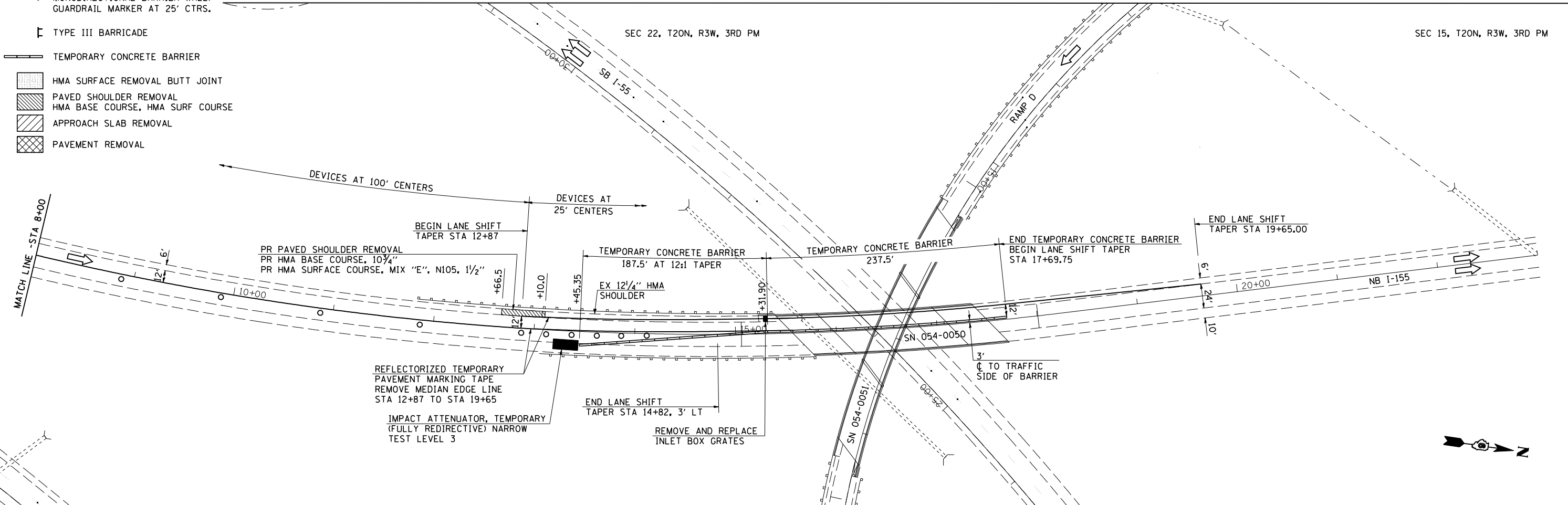
SEE STANDARDS 701400 AND 701402 FOR DETAILS NOT SHOWN.

**SEQUENCE OF OPERATIONS SN 054-0050**

- PRE-STAGE 1
1. REMOVE LEFT SHOULDER AND CONSTRUCT HMA BASE COURSE USING TRAFFIC CONTROL AND PROTECTION STANDARDS 701400 AND 701401.
  2. REMOVE AND REPLACE INLET BOX GRATES.
- STAGE 1
1. REMOVE CONFLICTING PAVEMENT MARKINGS AND SHIFT TRAFFIC TO THE STAGE 1 LANES; PLACE TRAFFIC CONTROL ITEMS AS SHOWN ON THE STAGE 1 TRAFFIC CONTROL & PROTECTION DETAILS AND AS REQUIRED BY STANDARDS 701400 AND 701402.
  2. RECONSTRUCT EXPANSION JOINTS.

SEC 22, T20N, R3W, 3RD PM

SEC 15, T20N, R3W, 3RD PM



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 FILE NAME = D672E10-sh1-stg1.dgn  
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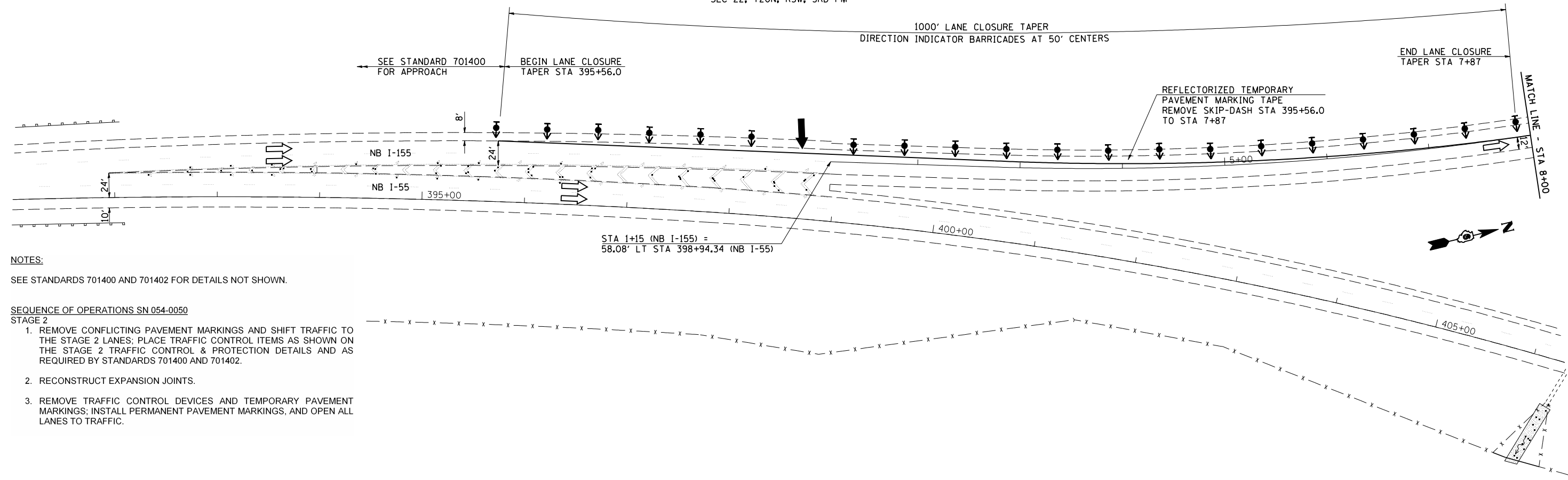
**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**STAGE 1 TRAFFIC CONTROL & PROTECTION DETAIL**

SCALE: SHEET NO. OF SHEETS STA. 1+15 TO STA. 23+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	D6 LOGAN CO BR 2011	LOGAN	224	54
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 72E10	

SEC 22, T20N, R3W, 3RD PM



**NOTES:**

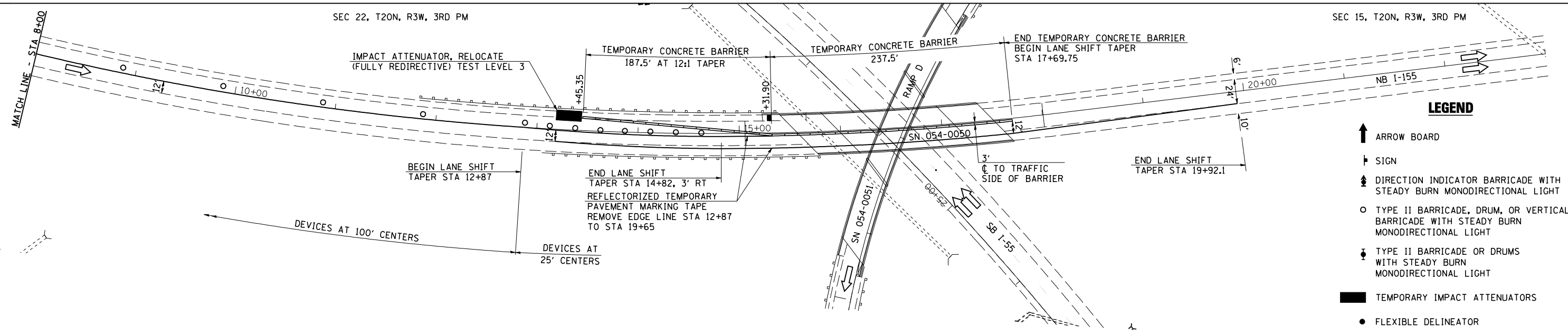
SEE STANDARDS 701400 AND 701402 FOR DETAILS NOT SHOWN.

**SEQUENCE OF OPERATIONS SN 054-0050  
STAGE 2**

1. REMOVE CONFLICTING PAVEMENT MARKINGS AND SHIFT TRAFFIC TO THE STAGE 2 LANES; PLACE TRAFFIC CONTROL ITEMS AS SHOWN ON THE STAGE 2 TRAFFIC CONTROL & PROTECTION DETAILS AND AS REQUIRED BY STANDARDS 701400 AND 701402.
2. RECONSTRUCT EXPANSION JOINTS.
3. REMOVE TRAFFIC CONTROL DEVICES AND TEMPORARY PAVEMENT MARKINGS; INSTALL PERMANENT PAVEMENT MARKINGS, AND OPEN ALL LANES TO TRAFFIC.

SEC 22, T20N, R3W, 3RD PM

SEC 15, T20N, R3W, 3RD PM



**LEGEND**

- ↑ ARROW BOARD
- ↓ SIGN
- ⬇️ DIRECTION INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT
- TYPE II BARRICADE, DRUM, OR VERTICAL BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT
- ⬇️ TYPE II BARRICADE OR DRUMS WITH STEADY BURN MONODIRECTIONAL LIGHT
- TEMPORARY IMPACT ATTENUATORS
- FLEXIBLE DELINEATOR
- ▶ MONODIRECTIONAL BARRIER WALL/ GUARDRAIL MARKER AT 25' CTRS.
- ⌈ TYPE III BARRICADE
- ▬ TEMPORARY CONCRETE BARRIER
- ▨ HMA SURFACE REMOVAL BUTT JOINT
- ▩ PAVED SHOULDER REMOVAL HMA BASE COURSE
- ▧ APPROACH SLAB REMOVAL
- ▦ PAVEMENT REMOVAL



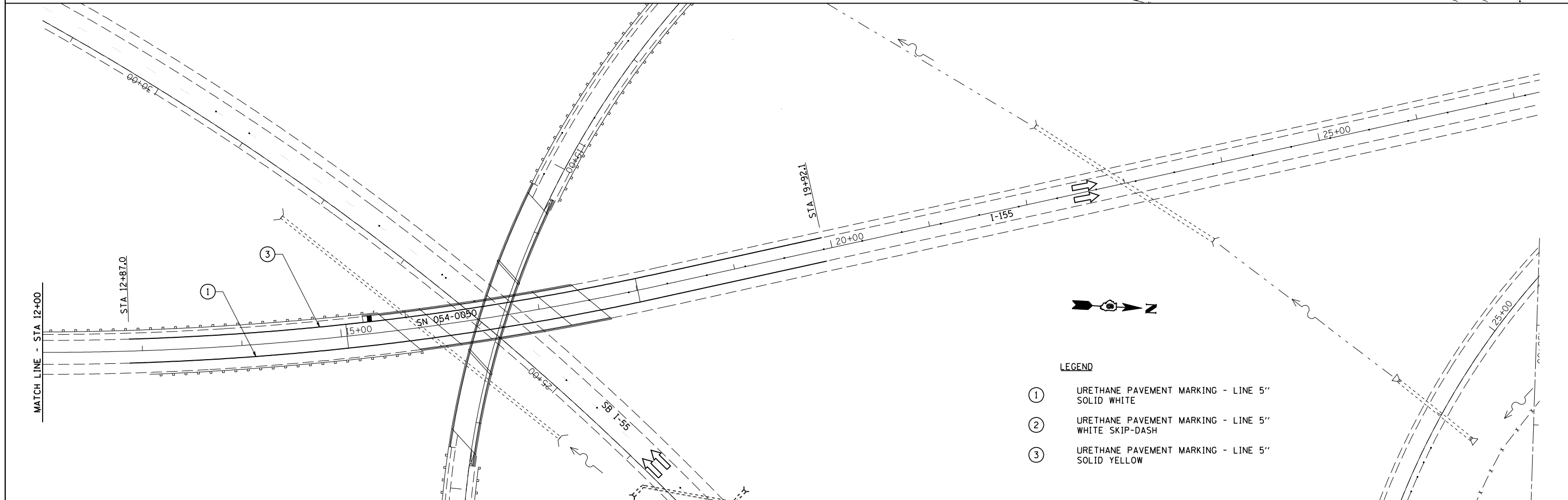
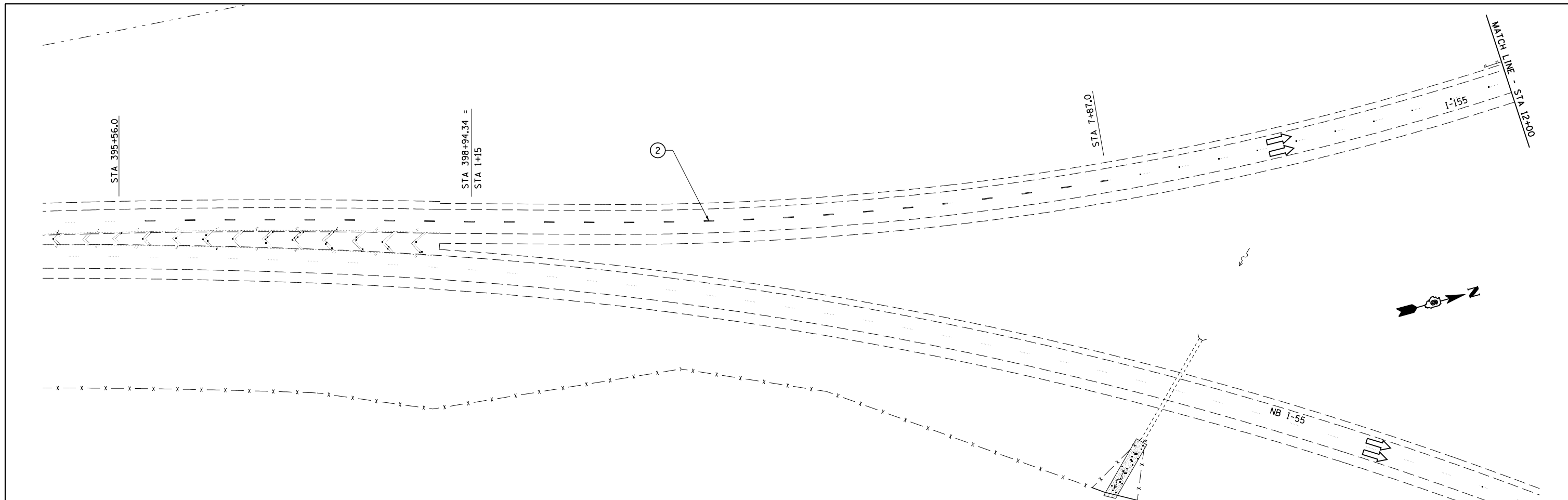
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PLOT SCALE = 100.0000 "/ IN.	CHECKED - NAK	REVISED -
PLOT DATE = 9/8/2011	DATE - 8/12/2011	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**STAGE 2 TRAFFIC CONTROL & PROTECTION DETAIL**

SCALE: SHEET NO. OF SHEETS STA. 391+00 TO STA. 23+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	D6 LOGAN CO BR 2011	LOGAN	224	55
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 72E10	



**LEGEND**

- ① URETHANE PAVEMENT MARKING - LINE 5" SOLID WHITE
- ② URETHANE PAVEMENT MARKING - LINE 5" WHITE SKIP-DASH
- ③ URETHANE PAVEMENT MARKING - LINE 5" SOLID YELLOW

**CEC** Cummins Engineering Corporation  
Civil and Structural Engineering

JOB = 2265.4  
FILE NAME = 0672E10-shr-xofinal.dgn  
PLOT SCALE = 100.00000 ' / IN.  
PLOT DATE = 9/8/2011

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DATE - 8/12/2011

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REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**FINAL PAVEMENT MARKING**

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	D6 LOGAN CO BR 2011	LOGAN	224	56
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

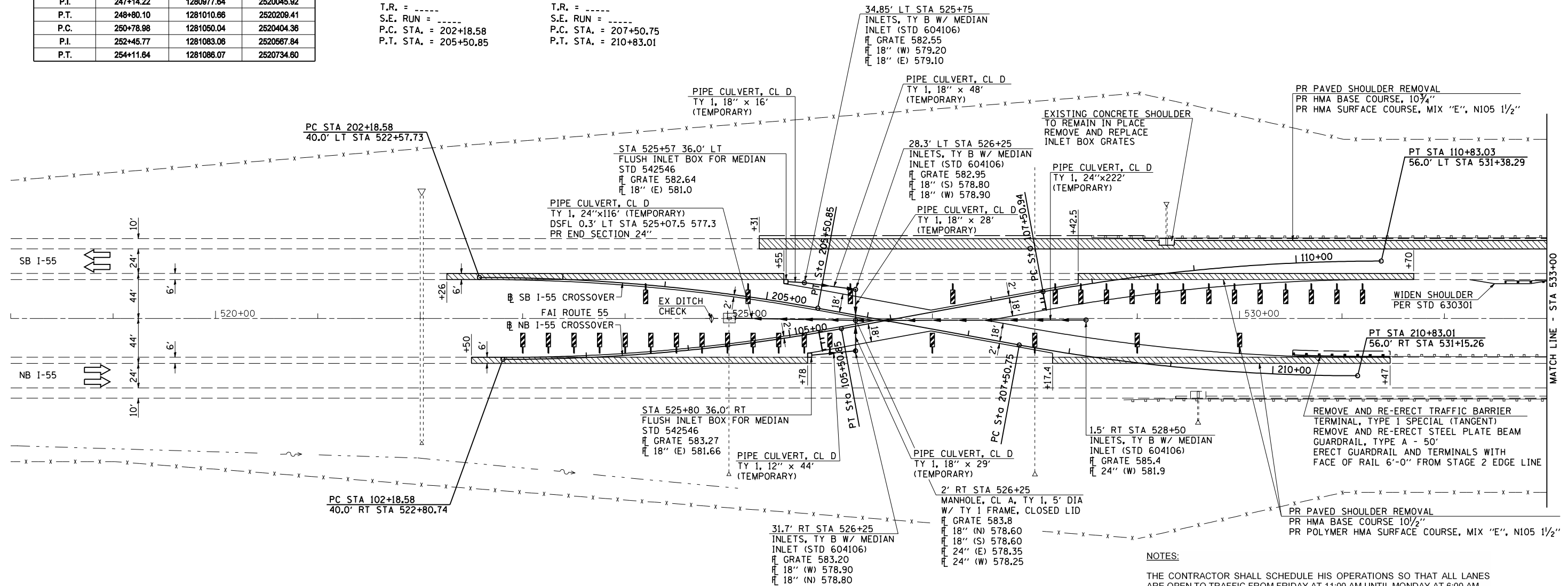
CONTRACT NO. 72E10



X5356_SB			
CONTROL POINT	STATION	COORDINATES	
		NORTHING	EASTING
P.C.	202+18.58	1280992.25	2515556.19
P.I.	203+85.17	1280995.24	2515722.75
P.T.	205+50.85	1280988.19	2515887.13
P.C.	207+50.75	1280935.72	2516084.38
P.I.	209+17.34	1280908.67	2516248.76
P.T.	210+83.01	1280911.66	2516415.32
P.C.	245+47.43	1280974.63	2519879.16
P.I.	247+14.22	1280977.64	2520045.92
P.T.	248+80.10	1281010.66	2520209.41
P.C.	250+78.98	1281050.04	2520404.36
P.I.	252+45.77	1281083.06	2520567.84
P.T.	254+11.64	1281088.07	2520734.60

PROP. CURVE XSB01  
 PI STA. = 203+85.17  
 $\Delta = 10^\circ 22' 29''$  (RT)  
 D = 3° 07' 21"  
 R = 1,835.00'  
 T = 166.59'  
 L = 332.27'  
 E = 7.55'  
 e = -----  
 T.R. = -----  
 S.E. RUN = -----  
 P.C. STA. = 202+18.58  
 P.T. STA. = 205+50.85

PROP. CURVE XSB02  
 PI STA. = 209+17.34  
 $\Delta = 10^\circ 22' 28''$  (LT)  
 D = 3° 07' 21"  
 R = 1,835.00'  
 T = 166.59'  
 L = 332.26'  
 E = 7.55'  
 e = -----  
 T.R. = -----  
 S.E. RUN = -----  
 P.C. STA. = 207+50.75  
 P.T. STA. = 210+83.01



X5356_NB			
CONTROL POINT	STATION	COORDINATES	
		NORTHING	EASTING
P.C.	102+18.58	1280912.67	2515580.84
P.I.	103+85.17	1280915.66	2515747.20
P.T.	105+50.85	1280948.60	2515910.50
P.C.	107+50.94	1280988.16	2516106.64
P.I.	109+17.44	1281021.08	2516269.85
P.T.	110+83.03	1281024.09	2516436.32
P.C.	145+52.20	1281087.12	2519904.93
P.I.	147+18.67	1281090.12	2520071.37
P.T.	148+84.23	1281063.12	2520235.63
P.C.	150+84.76	1281030.59	2520433.50
P.I.	152+51.23	1281003.59	2520597.77
P.T.	154+16.79	1281006.59	2520764.21

PROP. CURVE XNB01  
 PI STA. = 103+85.17  
 $\Delta = 10^\circ 22' 29''$  (LT)  
 D = 3° 07' 21"  
 R = 1,835.00'  
 T = 166.59'  
 L = 332.27'  
 E = 7.55'  
 e = -----  
 T.R. = -----  
 S.E. RUN = -----  
 P.C. STA. = 102+18.58  
 P.T. STA. = 105+50.85

PROP. CURVE XNB02  
 PI STA. = 109+17.44  
 $\Delta = 10^\circ 22' 08''$  (RT)  
 D = 3° 07' 21"  
 R = 1,835.00'  
 T = 166.50'  
 L = 332.08'  
 E = 7.54'  
 e = -----  
 T.R. = -----  
 S.E. RUN = -----  
 P.C. STA. = 107+50.94  
 P.T. STA. = 110+83.03

INDICATES LIMITS OF PAVED SHOULDER REMOVAL

NOTES:

- THE CONTRACTOR SHALL SCHEDULE HIS OPERATIONS SO THAT ALL LANES ARE OPEN TO TRAFFIC FROM FRIDAY AT 11:00 AM UNTIL MONDAY AT 6:00 AM.
- SEQUENCE OF OPERATIONS SN 054-0053, 0054, 0055, 0056
- PRESTAGE 1

  1. CLOSE SOUTHBOUND OUTSIDE LANE USING TRAFFIC CONTROL AND PROTECTION STANDARDS 701400 AND 701401.
  2. REMOVE SOUTHBOUND OUTSIDE SHOULDER AND CONSTRUCT HMA BASE COURSE AND SURFACE COURSE.
  3. REMOVE AND REPLACE INLET BOX GRATES
  4. OPEN SB OUTSIDE LANE; CLOSE SB MEDIAN LANE AND NB MEDIAN LANE USING TRAFFIC CONTROL AND PROTECTION STANDARDS 701400 AND 701401
  5. REMOVE MEDIAN SHOULDERS AND CONSTRUCT TEMPORARY PIPE CULVERTS AND CROSSOVER PAVEMENT; INSTALL TEMPORARY EROSION CONTROL MEASURES AND SEED DISTURBED AREAS IN MEDIAN
  6. INSTALL TEMPORARY GUARDRAIL AND TERMINALS; INSTALL TEMPORARY LIGHTING.



JOB = 2236.09  
 FILE NAME = 0672E10-shr-xoprest1.dgn  
 PLOT SCALE = 1/8" = 100.00' / IN.  
 PLOT DATE = 9/8/2011

DESIGNED - NAK  
 DRAWN - TJD  
 CHECKED - NAK  
 DATE - 8/12/2011

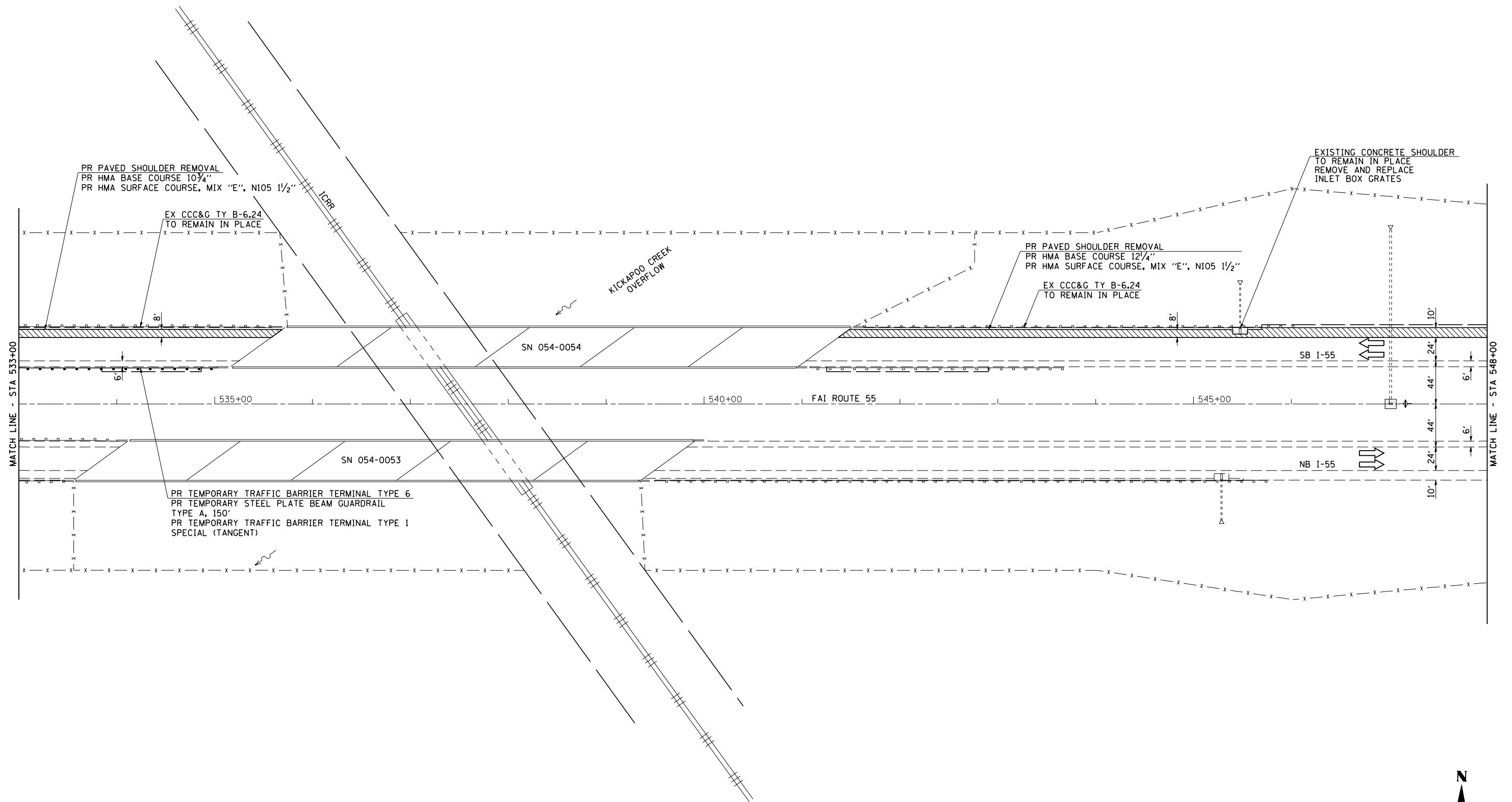
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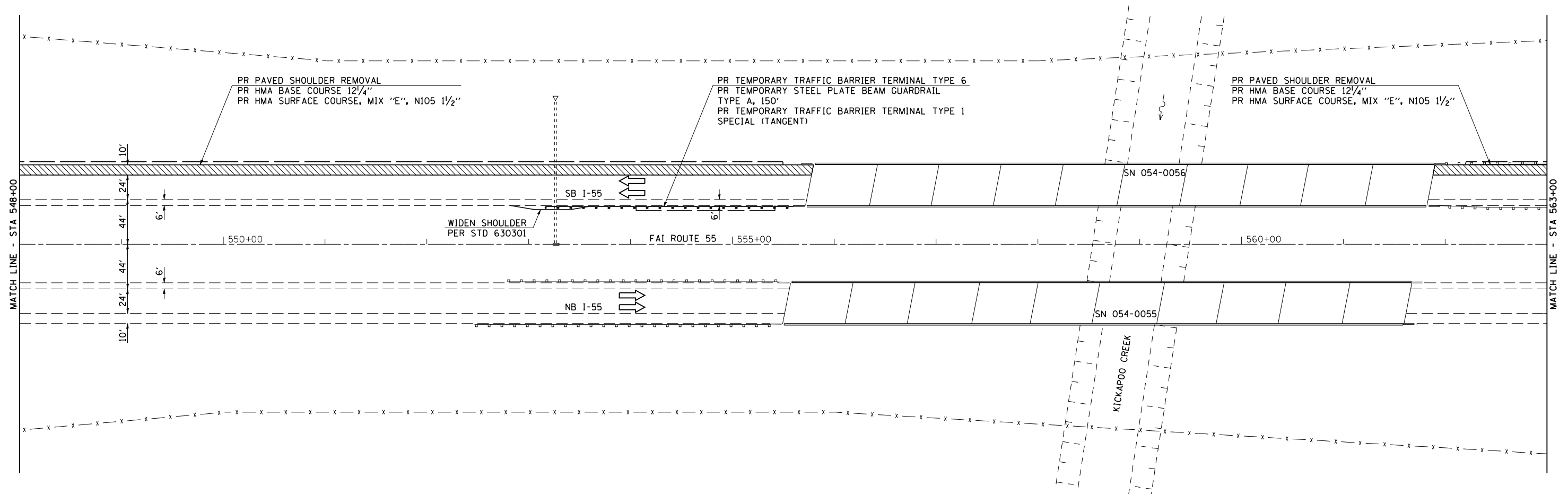
STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

PRE-STAGE 1  
 CROSSOVER PLAN

SCALE: SHEET NO. OF SHEETS STA. 518+00 TO STA. 533+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	D6 LOGAN CO BR 2011	LOGAN	224	57
CONTRACT NO. 72E10				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				





JOB = 2236.09	DESIGNED - NAK	REVISED -
FILE NAME = D672E10-shr-xoprestl.dgn	DRAWN - TJD	REVISED -
PLOT SCALE = 100.00000 ' / IN.	CHECKED - NAK	REVISED -
PLOT DATE = 9/8/2011	DATE - 8/12/2011	REVISED -

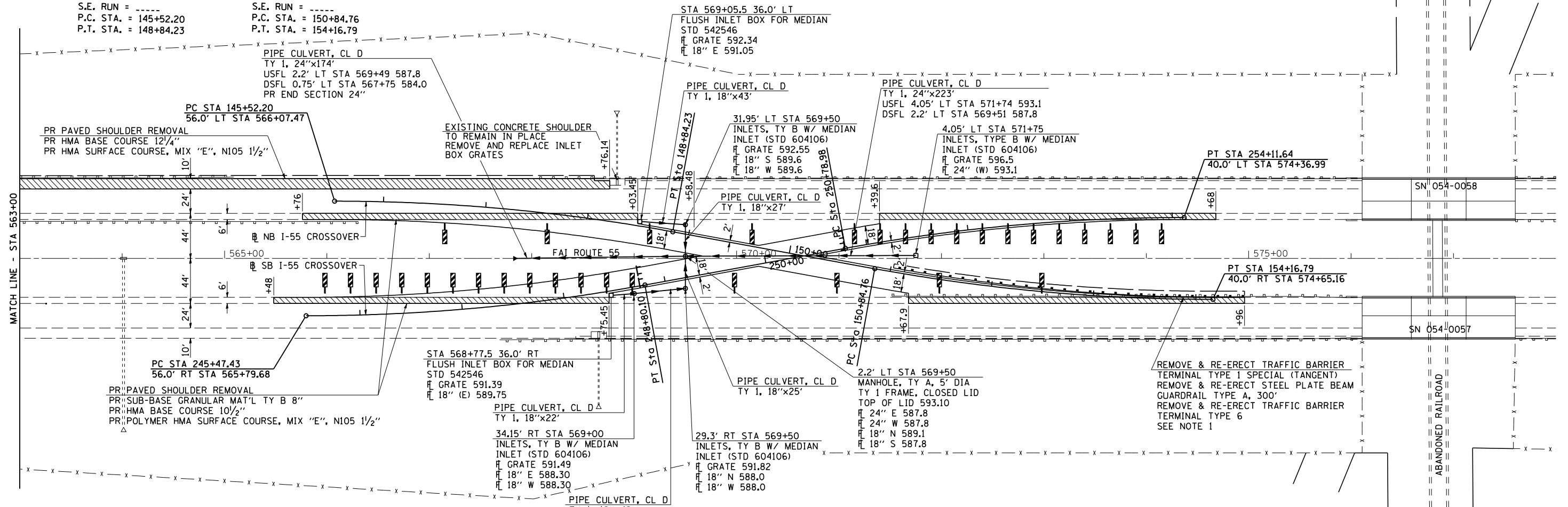
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	D6 LOGAN CO BR 2011	LOGAN	224	59
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 72E10	

PROP. CURVE XNB03  
 PI STA. = 147+18.67  
 $\Delta = 10^\circ 22' 02''$  (RT)  
 D = 3° 07' 21"  
 R = 1,835.00'  
 T = 166.47'  
 L = 332.03'  
 E = 7.54'  
 e = -----  
 T.R. = -----  
 S.E. RUN = -----  
 P.C. STA. = 145+52.20  
 P.T. STA. = 148+84.23

PROP. CURVE XNB04  
 PI STA. = 152+51.23  
 $\Delta = 10^\circ 22' 02''$  (LT)  
 D = 3° 07' 21"  
 R = 1,835.00'  
 T = 166.47'  
 L = 332.03'  
 E = 7.54'  
 e = -----  
 T.R. = -----  
 S.E. RUN = -----  
 P.C. STA. = 150+84.76  
 P.T. STA. = 154+16.79

PROP. CURVE XSB03  
 PI STA. = 247+14.22  
 $\Delta = 10^\circ 23' 13''$  (LT)  
 D = 3° 07' 21"  
 R = 1,835.00'  
 T = 166.79'  
 L = 332.66'  
 E = 7.56'  
 e = -----  
 T.R. = -----  
 S.E. RUN = -----  
 P.C. STA. = 245+47.43  
 P.T. STA. = 248+80.10

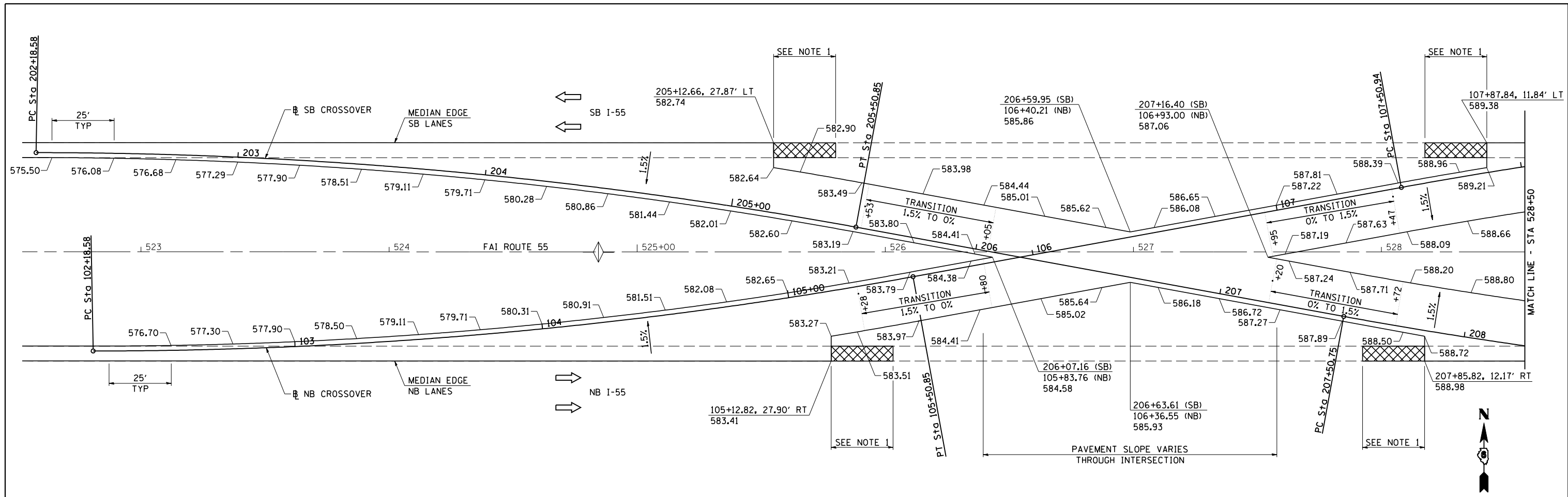
PROP. CURVE XSB04  
 PI STA. = 252+45.77  
 $\Delta = 10^\circ 23' 13''$  (RT)  
 D = 3° 07' 21"  
 R = 1,835.00'  
 T = 166.79'  
 L = 332.66'  
 E = 7.56'  
 e = -----  
 T.R. = -----  
 S.E. RUN = -----  
 P.C. STA. = 250+78.98  
 P.T. STA. = 254+11.64

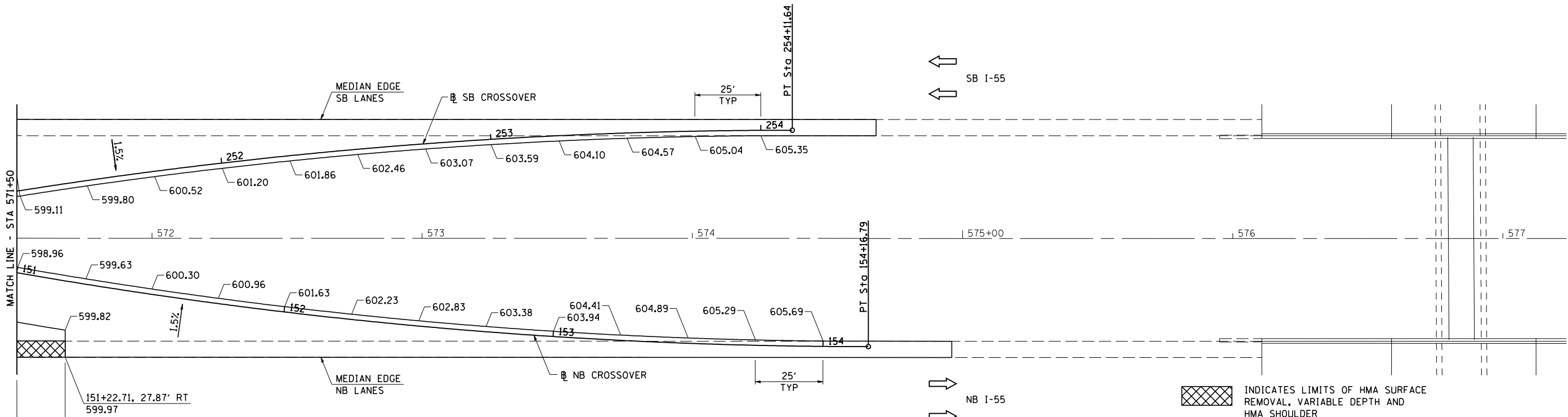
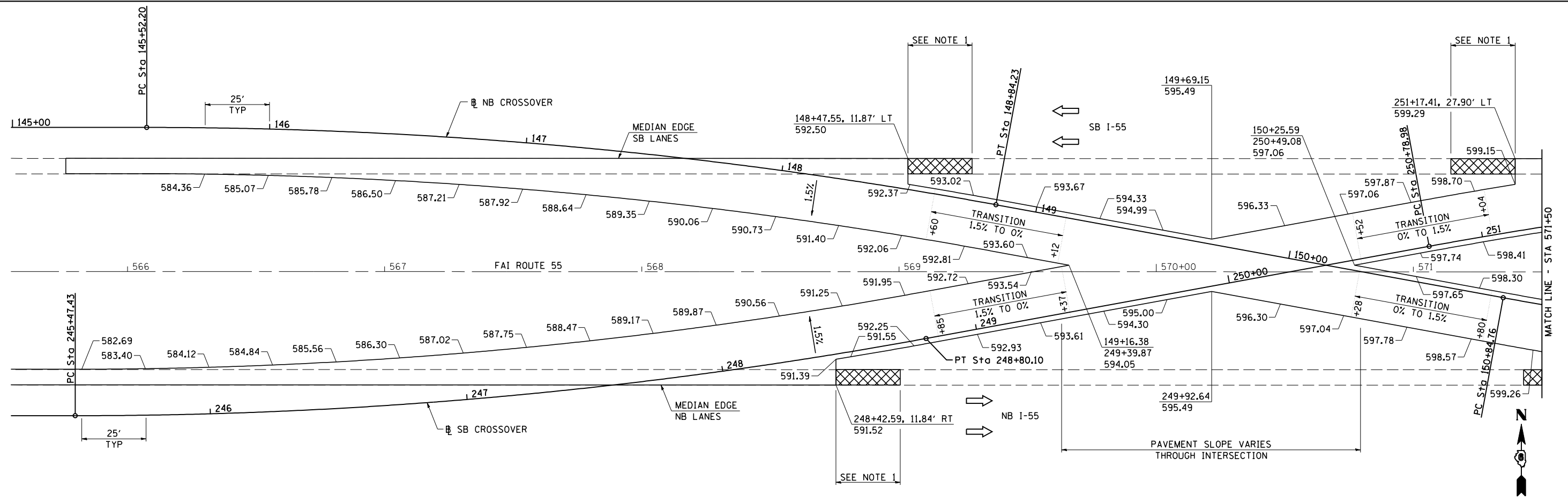


NOTE 1: ERECT GUARDRAIL AND TERMINALS WITH FACE OF RAIL 6'-0" FROM NB CROSSOVER



	JOB = 2236.09	DESIGNED - NAK	REVISED -	<b>STATE OF ILLINOIS</b> <b>DEPARTMENT OF TRANSPORTATION</b>	<b>PRE-STAGE 1</b> <b>CROSSOVER PLAN</b>	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	FILE NAME = 0672E10-shr-xoprestl.dgn	DRAWN - TJD	REVISED -			55	D6 LOGAN CO BR 2011	LOGAN	224	60
PLOT SCALE = 100.00000' / IN.	CHECKED - NAK	REVISED -	REVISED -	SCALE:	SHEET NO. OF SHEETS	STA. 563+00 TO STA. 578+00	FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			
PLOT DATE = 9/8/2011	DATE - 8/12/2011	REVISED -	REVISED -	CONTRACT NO. 72E10						





NOTE 1: MILL AND RESURFACE EXISTING SHOULDER TO MATCH EXISTING PAVEMENT AND PROPOSED TRENCH DRAIN. TRANSITION RESURFACING SLOPE TO MATCH EXISTING SHOULDER IN 25 FEET.  
MILLING DEPTH SHALL PROVIDE FOR A MINIMUM 1/2" RESURFACING THICKNESS.



JOB = 2236.09  
FILE NAME = D672E10-shr-elev.dgn  
PLOT SCALE = 40,0000' / IN.  
PLOT DATE = 9/8/2011

DESIGNED - NAK  
DRAWN - TJD  
CHECKED - NAK  
DATE - 8/12/2011

REVISED -  
REVISED -  
REVISED -  
REVISED -

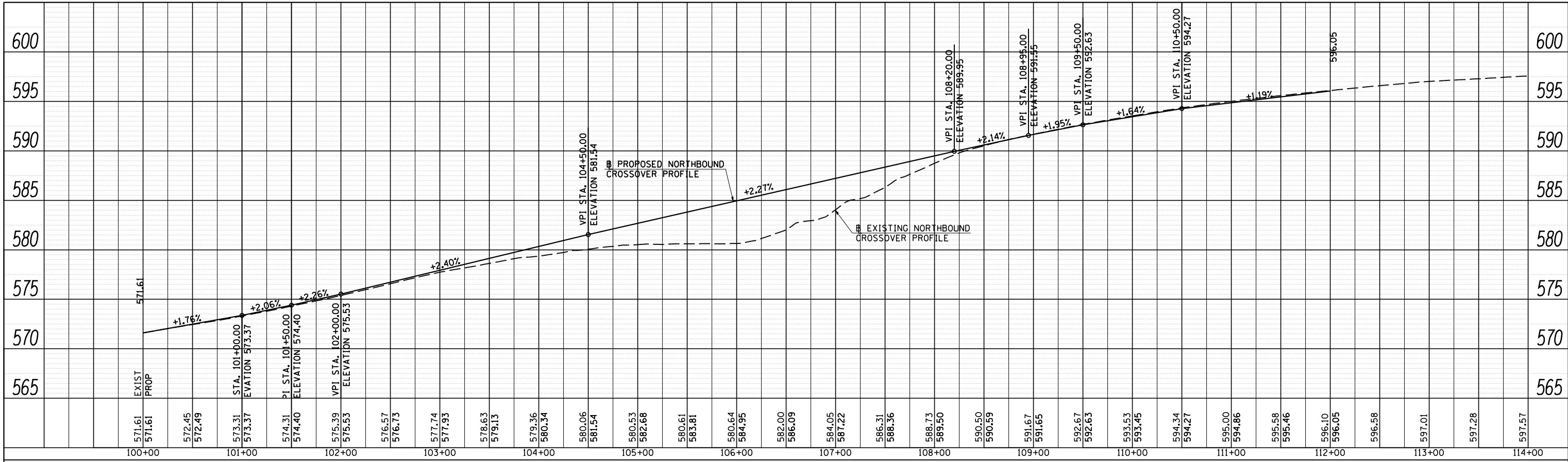
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

FAI ROUTE 55  
EAST CROSSOVER ELEVATIONS

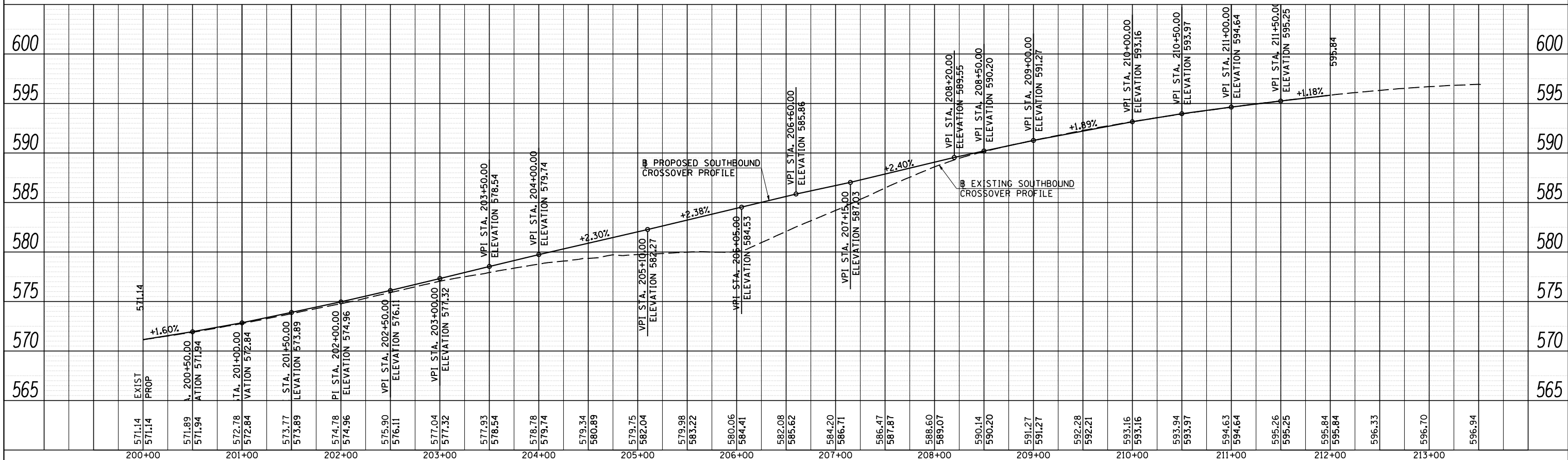
SCALE: SHEET NO. OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	D6 LOGAN CO BR 2011	LOGAN	224	62
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 72E10	

PLAN	SURVEYED	BY	DATE
	PLOTTED		
	NOTED		
	CHECKED		
	FILE NAME		
	NO.		



PROFILE	SURVEYED	BY	DATE
	PLOTTED		
	NOTED		
	CHECKED		
	FILE NAME		
	NO.		



	JOB = 2236.09	DESIGNED - NAK	REVISED -
	FILE NAME = D672E10-sh-t-xprprof.dgn	DRAWN - TJD	REVISED -
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	PLLOT DATE = 9/8/2011	DATE - 8/12/2011	REVISED -

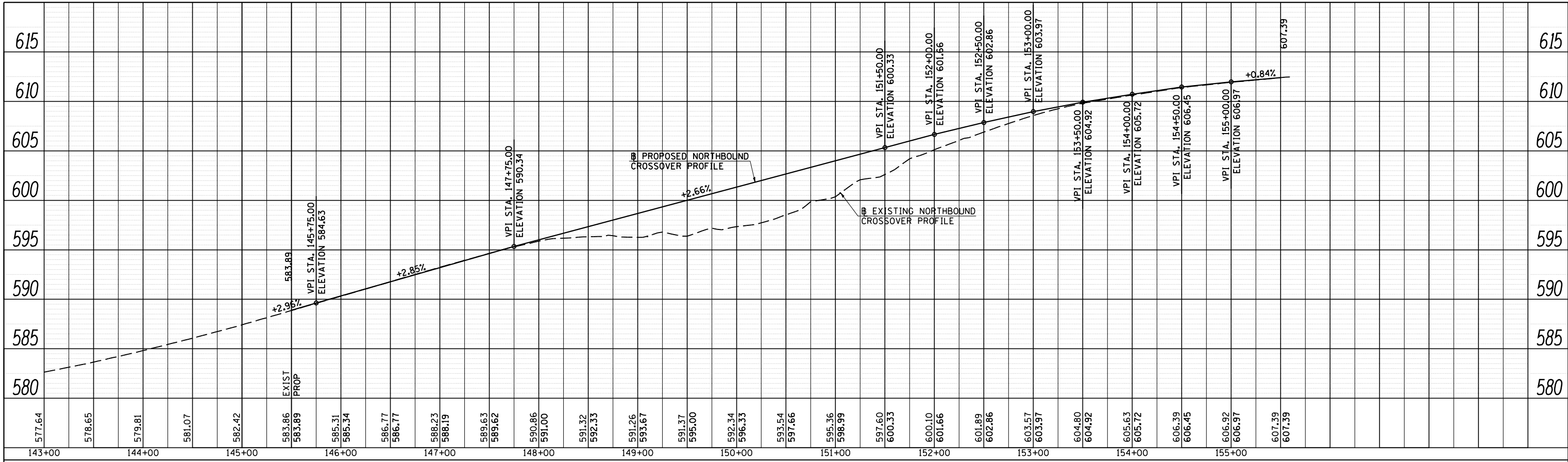
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**FAI ROUTE 55  
WEST CROSSOVER PROFILES**

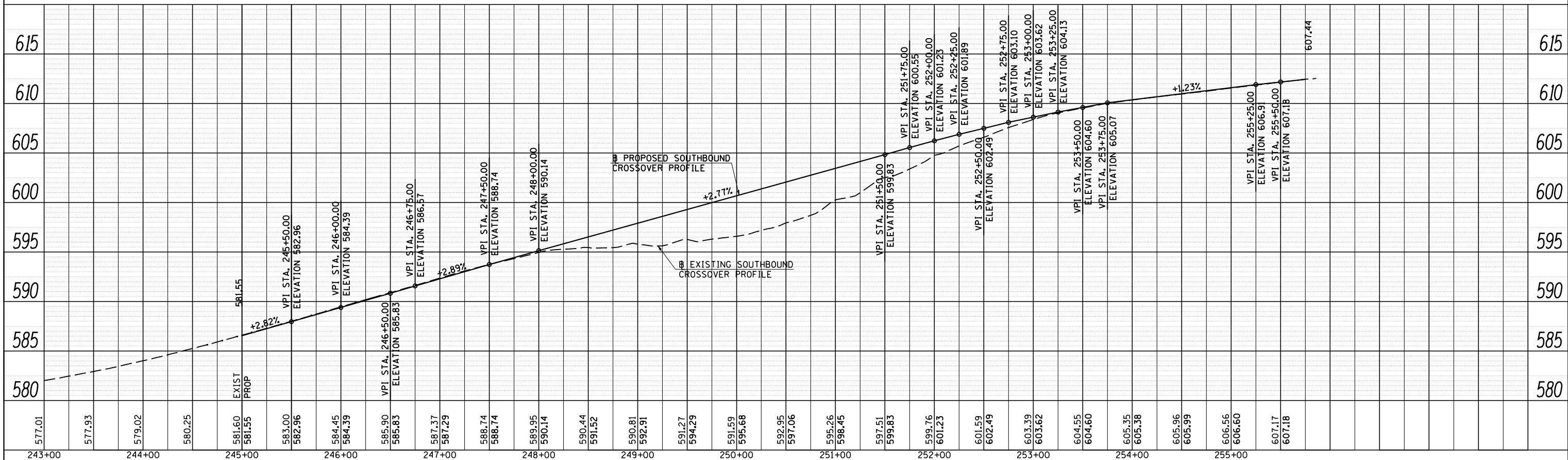
SCALE: SHEET NO. OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	D6 LOGAN CO BR 2011	LOGAN	224	63
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

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



PROFILE	SURVEYED	DATE
NOTE BOOK	PLOTTED	BY
NO.	CHECKED	
	FILE NAME	
	CADD FILE NAME	



**CEC** Cummins Engineering Corporation  
Civil and Structural Engineering

JOB #	2236.09
FILE NAME	D672E10-sh-t-xaprof.dgn
PLOT SCALE	100.0000' / IN.
PLOT DATE	9/8/2011

DESIGNED	-	NAK	REVISED	-
DRAWN	-	TJD	REVISED	-
CHECKED	-	NAK	REVISED	-
DATE	-	8/12/2011	REVISED	-

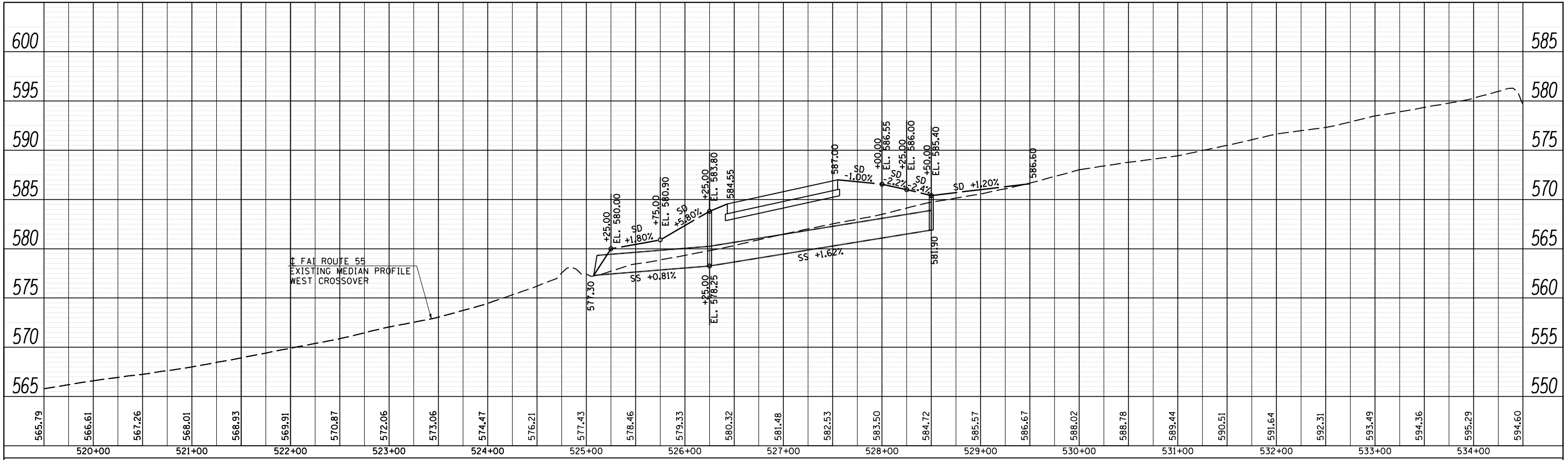
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>FAI ROUTE 55 EAST CROSSOVER PROFILES</b>			
SCALE:	SHEET NO.	OF SHEETS	STA. TO STA.

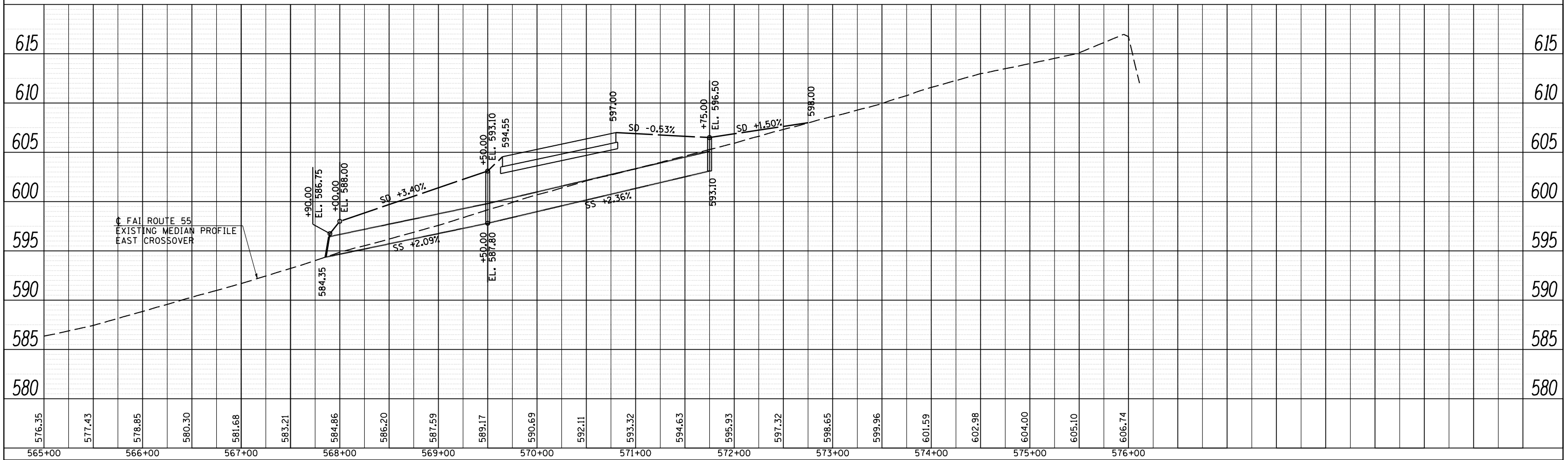
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	D6 LOGAN CO BR 2011	LOGAN	224	64
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
		CONTRACT NO. 72E10		



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



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



**CEC** Cummins Engineering Corporation  
Civil and Structural Engineering

JOB = 2236.09  
FILE NAME = D672E10-sh-t-xaprof.dgn  
PLOT SCALE = 100.0000' / IN.  
PLOT DATE = 9/8/2011

DESIGNED - NAK  
DRAWN - TJD  
CHECKED - NAK  
DATE - 8/12/2011

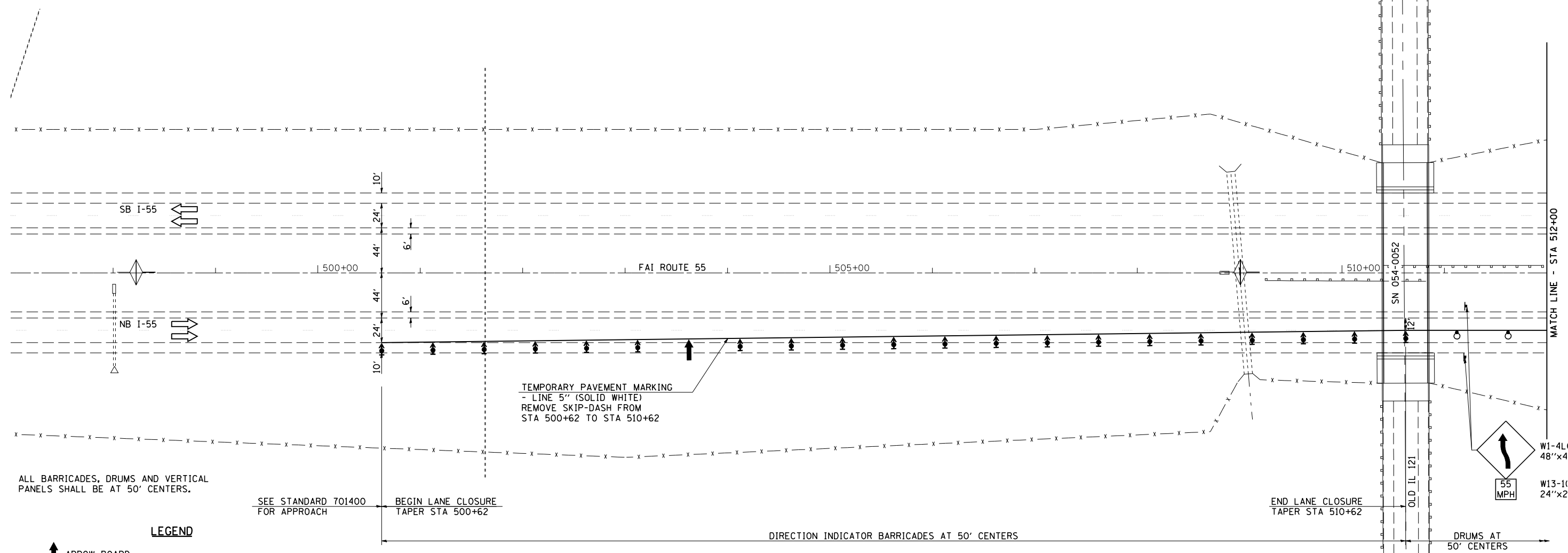
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REVISED -  
REVISED -  
REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**FAI ROUTE 55  
MEDIAN PROFILES AT CROSSOVERS**

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	D6 LOGAN CO BR 2011	LOGAN	224	65
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
		CONTRACT NO. 72E10		



ALL BARRICADES, DRUMS AND VERTICAL PANELS SHALL BE AT 50' CENTERS.

SEE STANDARD 701400 FOR APPROACH  
 BEGIN LANE CLOSURE TAPER STA 500+62

END LANE CLOSURE TAPER STA 510+62  
 DRUMS AT 50' CENTERS

**LEGEND**

- ↑ ARROW BOARD
- ⊢ SIGN
- ↑ DIRECTION INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT
- ⊢ TYPE II BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT
- ⊡ DRUM WITH STEADY BURN MONODIRECTIONAL LIGHT
- ⊢ VERTICAL PANEL (BACK TO BACK)
- ⊢ TYPE III BARRICADE WITH FLASHING LIGHTS
- TEMPORARY CONCRETE BARRIER
- ◁ MONODIRECTIONAL BARRIER MARKER
- ▨ PAVED SHOULDER REMOVAL  
HMA PAVEMENT (FULL DEPTH)
- ▨ APPROACH SLAB REMOVAL
- ▨ PAVEMENT REMOVAL

**NOTES:**

SEE STANDARDS 701400 AND 701416 FOR DETAILS NOT SHOWN.  
 MONODIRECTIONAL BARRIER WALL/GUARDRAIL MARKERS SHALL BE INSTALLED AT 25 FOOT CENTERS ON ALL EXISTING GUARDRAIL, TEMPORARY GUARDRAIL, AND BRIDGE PARAPETS.

**SEQUENCE OF OPERATIONS SN 054-0053, 0054, 0055, 0056**

- STAGE 1
1. REMOVE CONFLICTING PAVEMENT MARKINGS AND SHIFT TRAFFIC TO THE STAGE 1 LANES; PLACE TRAFFIC CONTROL ITEMS AS SHOWN ON THE STAGE 1 TRAFFIC CONTROL & PROTECTION DETAILS AND AS REQUIRED BY STANDARDS 701400 AND 701416.
  2. REMOVE EXISTING NORTH BOUND BRIDGE DECKS, SUPERSTRUCTURES, AND APPROACH SLABS.
  3. CONSTRUCT NORTHBOUND BRIDGE DECKS, SUPERSTRUCTURES, APPROACH PAVEMENTS, AND APPROACH CONNECTOR PAVEMENTS.
  4. REMOVE NB OUTSIDE SHOULDERS AND CONSTRUCT HMA BASE COURSE AND SURFACE COURSE.
  5. REMOVE AND REPLACE INLET BOX GRATES
  6. MILL BUTT JOINTS AND PLACE HMA SURFACE COURSE AND HMA SHOULDERS.
  7. INSTALL PERMANENT AND TEMPORARY GUARDRAIL AND TERMINALS.
  8. PLACE TRAFFIC IN PERMANENT LANES, CLOSE CROSSOVERS AS SHOWN ON MEDIAN CLOSURE DETAIL, REMOVE STAGE 1 TEMPORARY PAVEMENT MARKINGS INCLUDING TEMPORARY PAVEMENT MARKINGS ON THE CROSSOVER PAVEMENT, INSTALL TEMPORARY PAVEMENT MARKINGS ON PERMANENT LANES.

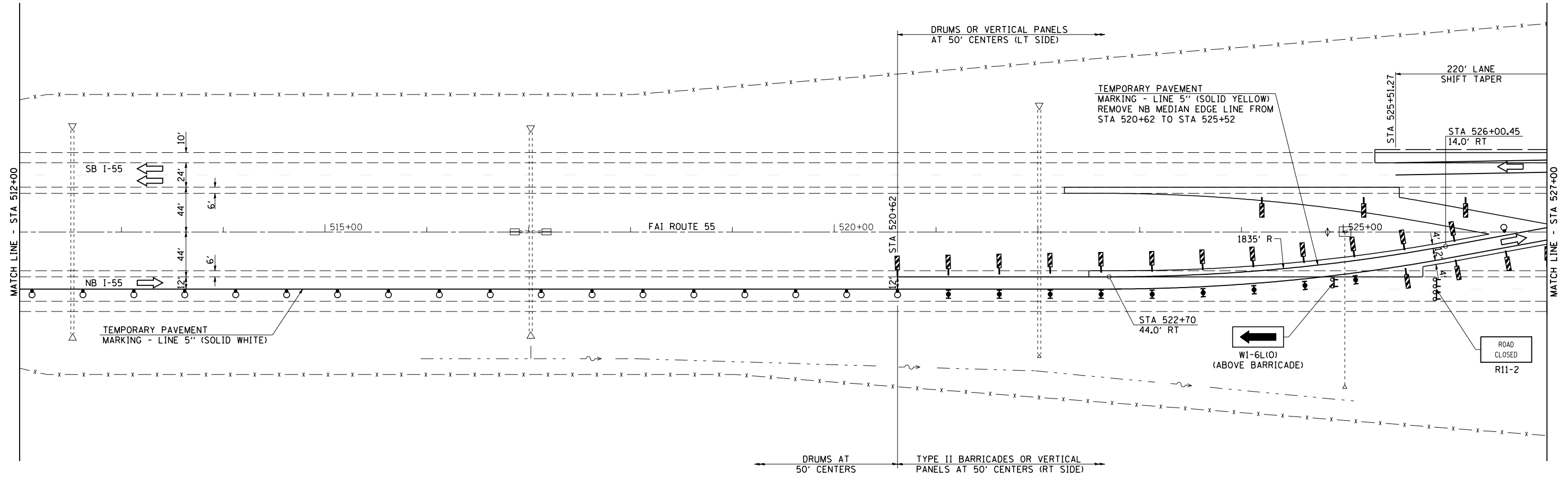


JOB = 2236.09	DESIGNED - NAK	REVISED -
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PLOT SCALE = 100.00000 ' / IN.	CHECKED - NAK	REVISED -
PLOT DATE = 9/8/2011	DATE - 8/12/2011	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

<b>STAGE 1 CROSSOVER PLAN</b>			
SCALE:	SHEET NO.	OF SHEETS	STA. 497+00 TO STA. 512+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	D6 LOGAN CO BR 2011	LOGAN	224	66
FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT	
			CONTRACT NO. 72E10	



DRUMS AT 50' CENTERS  
 TYPE II BARRICADES OR VERTICAL PANELS AT 50' CENTERS (RT SIDE)

**LEGEND**

- ↑ ARROW BOARD
- † SIGN
- ▲ DIRECTION INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT
- TYPE II BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT
- ⊙ DRUM WITH STEADY BURN MONODIRECTIONAL LIGHT
- ▩ VERTICAL PANEL (BACK TO BACK)
- ⊠ TYPE III BARRICADE WITH FLASHING LIGHTS
- TEMPORARY CONCRETE BARRIER
- ◁ MONODIRECTIONAL BARRIER MARKER
- ▨ PAVED SHOULDER REMOVAL HMA PAVEMENT (FULL DEPTH)
- ▧ APPROACH SLAB REMOVAL
- ▩ PAVEMENT REMOVAL

TEMPORARY PAVEMENT MARKING LAYOUT

STA	OFFSET	STA	OFFSET
522+70	44.00	528+20.03	14.00
522+75	43.99	528+25	14.90
523+00	43.75	528+50	19.23
523+25	43.18	528+75	23.20
523+50	42.26	529+00	26.82
523+75	40.99	529+25	30.09
524+00	39.39	529+50	33.02
524+25	37.44	529+75	35.59
524+50	35.15	530+00	37.82
524+75	32.51	530+25	39.70
525+00	29.53	530+50	41.25
525+25	26.20	530+75	42.45
525+50	22.51	531+00	43.31
525+75	18.48	531+25	43.82
526+00	14.08	531+50.48	44.00
526+00.45	14.00		



JOB = 2236.09  
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 PLOT SCALE = 100.00000 ' / IN.  
 PLOT DATE = 9/8/2011

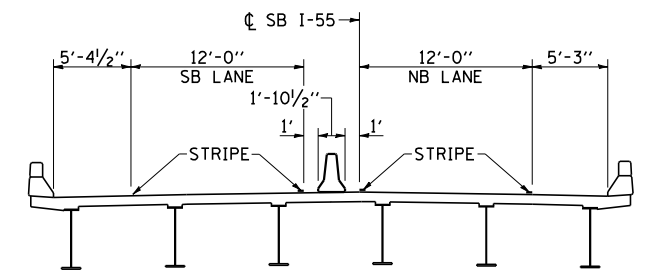
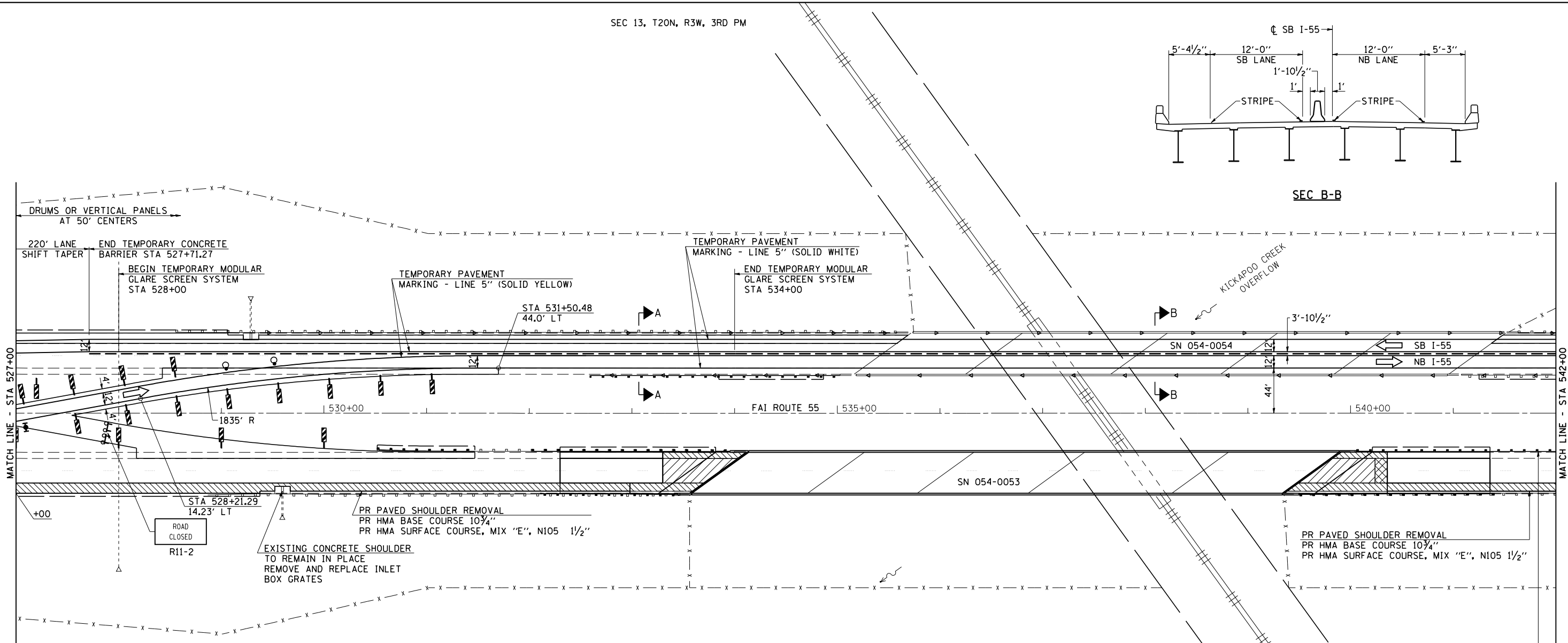
DESIGNED - NAK  
 DRAWN - TJD  
 CHECKED - NAK  
 DATE - 8/12/2011

REVISED -  
 REVISED -  
 REVISED -  
 REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**STAGE 1  
 CROSSOVER PLAN**  
 SCALE: SHEET NO. OF SHEETS STA. 512+00 TO STA. 527+00

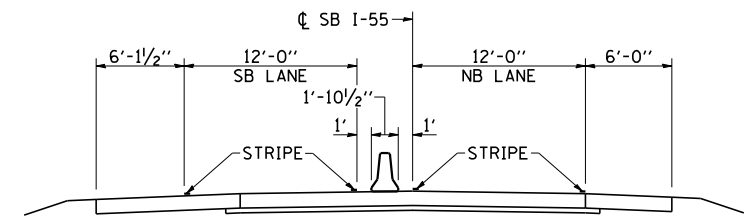
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	D6 LOGAN CO BR 2011	LOGAN	224	67
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 72E10	



SEC B-B

**LEGEND**

- ↑ ARROW BOARD
- † SIGN
- ↑ DIRECTION INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT
- ↑ TYPE II BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT
- DRUM WITH STEADY BURN MONODIRECTIONAL LIGHT
- ▮ VERTICAL PANEL (BACK TO BACK)
- ⚡ TYPE III BARRICADE WITH FLASHING LIGHTS
- TEMPORARY CONCRETE BARRIER
- ◁ MONODIRECTIONAL BARRIER MARKER
- ▨ PAVED SHOULDER REMOVAL HMA PAVEMENT (FULL DEPTH)
- ▩ APPROACH SLAB REMOVAL
- ▧ PAVEMENT REMOVAL



SEC A-A

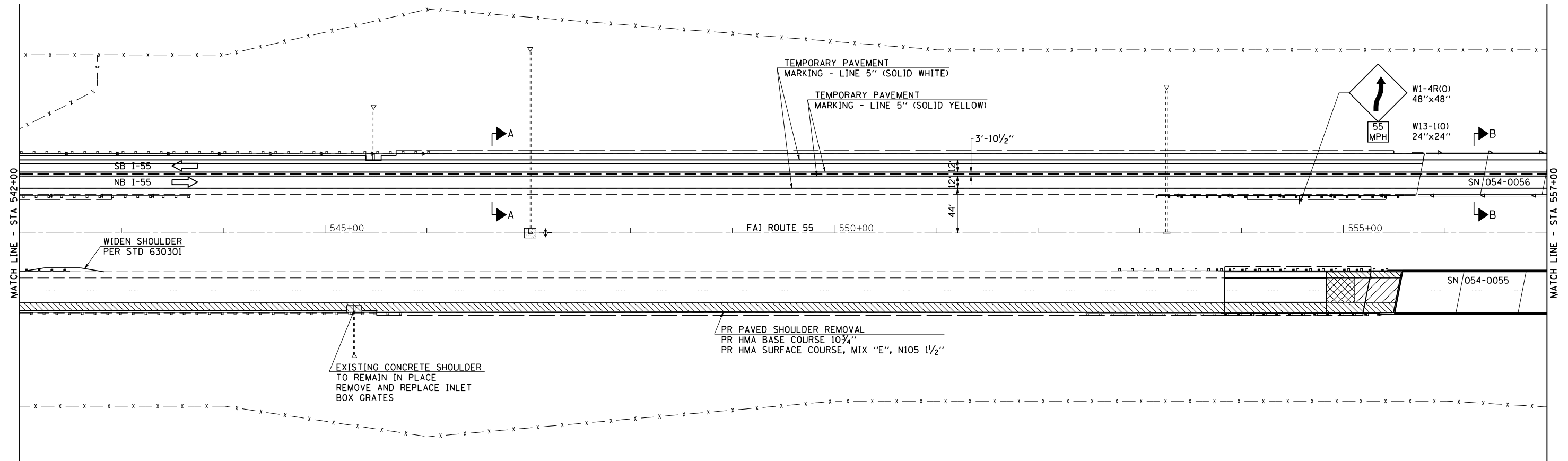


JOB = 2236.09	DESIGNED - NAK	REVISED -
FILE NAME = D672E10-shr-xostgl-12.dgn	DRAWN - TJD	REVISED -
PLOT SCALE = 1/8\"/>		
PLOT DATE = 9/8/2011	DATE - 8/12/2011	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>STAGE 1 CROSSOVER PLAN</b>			
SCALE:	SHEET NO.	OF SHEETS	STA. 527+00 TO STA. 542+00

F.A.I. RTE. 55	SECTION D6 LOGAN CO BR 2011	COUNTY LOGAN	TOTAL SHEETS 224	SHEET NO. 68
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 72E10	



**LEGEND**

- ARROW BOARD
- SIGN
- DIRECTION INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT
- TYPE II BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT
- DRUM WITH STEADY BURN MONODIRECTIONAL LIGHT
- VERTICAL PANEL (BACK TO BACK)
- TYPE III BARRICADE WITH FLASHING LIGHTS
- TEMPORARY CONCRETE BARRIER
- MONODIRECTIONAL BARRIER MARKER
- PAVED SHOULDER REMOVAL HMA PAVEMENT (FULL DEPTH)
- APPROACH SLAB REMOVAL
- PAVEMENT REMOVAL

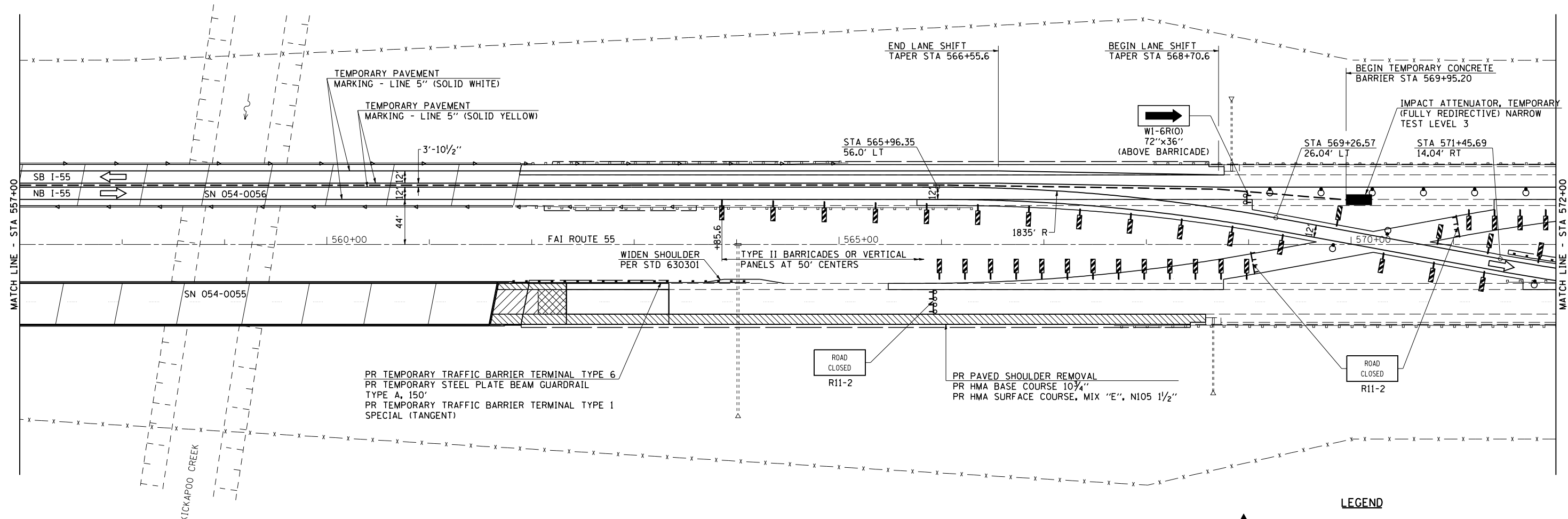


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PLOT SCALE = 100.00000 ' / IN.	CHECKED - NAK	REVISED -
PLOT DATE = 9/8/2011	DATE - 8/12/2011	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>STAGE 1 CROSSOVER PLAN</b>	
SCALE:	SHEET NO. OF SHEETS STA. 542+00 TO STA. 557+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	D6 LOGAN CO BR 2011	LOGAN	224	69
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 72E10	



PR TEMPORARY TRAFFIC BARRIER TERMINAL TYPE 6  
 PR TEMPORARY STEEL PLATE BEAM GUARDRAIL TYPE A, 150'  
 PR TEMPORARY TRAFFIC BARRIER TERMINAL TYPE 1 SPECIAL (TANGENT)

ROAD CLOSED  
 R11-2

PR PAVED SHOULDER REMOVAL  
 PR HMA BASE COURSE 10 3/4"  
 PR HMA SURFACE COURSE, MIX "E", N105 1/2"

**LEGEND**

- ↑ ARROW BOARD
- † SIGN
- ▲ DIRECTION INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT
- TYPE II BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT
- ⊙ DRUM WITH STEADY BURN MONODIRECTIONAL LIGHT
- ▩ VERTICAL PANEL (BACK TO BACK)
- ⊞ TYPE III BARRICADE WITH FLASHING LIGHTS
- TEMPORARY CONCRETE BARRIER
- ◁ MONODIRECTIONAL BARRIER MARKER
- ▨ PAVED SHOULDER REMOVAL  
 HMA PAVEMENT (FULL DEPTH)
- ▧ APPROACH SLAB REMOVAL
- ▩ PAVEMENT REMOVAL

**TEMPORARY PAVEMENT MARKING LAYOUT**

STA	OFFSET	STA	OFFSET
565+96.35	44.00	571+45.69	14.04
566+00	44.00	571+50	14.05
566+25	43.78	571+75	14.27
566+50	43.22	572+00	14.84
566+75	42.31	572+25	15.75
567+00	41.07	572+50	17.01
567+25	39.48	572+75	18.60
567+50	37.56	573+00	20.54
567+75	35.28	573+25	22.82
568+00	32.66	573+50	25.45
568+25	29.70	573+75	28.42
568+50	26.38	574+00	31.75
568+75	22.72	574+25	35.42
569+00	18.70	574+50	39.45
569+25	14.33	574+75.91	44.00
569+26.57	14.04		

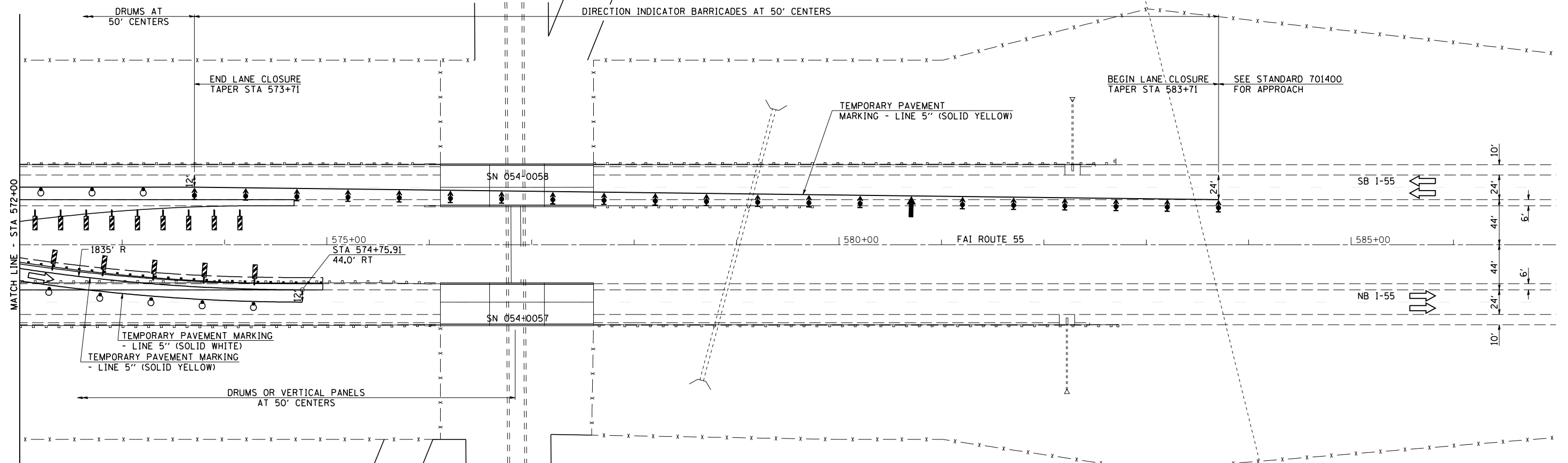


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PLOT DATE = 9/8/2011	DATE - 8/12/2011	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

<b>STAGE 1 CROSSOVER PLAN</b>			
SCALE:	SHEET NO.	OF SHEETS	STA. 557+00 TO STA. 572+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	D6 LOGAN CO BR 2011	LOGAN	224	70
FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT	
			CONTRACT NO. 72E10	



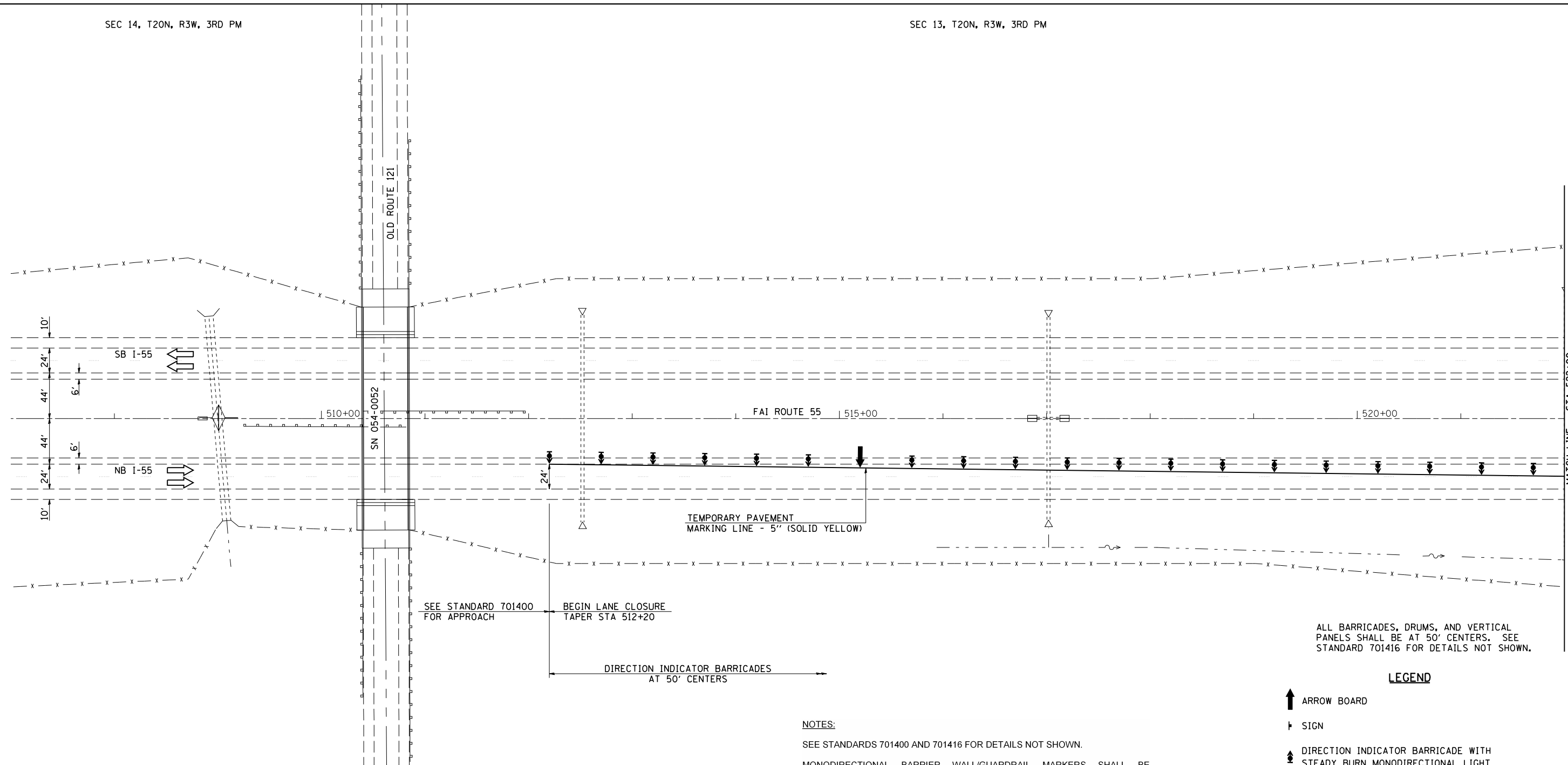
MATCH LINE - STA 572+00

ABANDONED RAILROAD

**LEGEND**

- ↑ ARROW BOARD
- † SIGN
- ▲ DIRECTION INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT
- TYPE II BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT
- ⊙ DRUM WITH STEADY BURN MONODIRECTIONAL LIGHT
- ▨ VERTICAL PANEL (BACK TO BACK)
- ⊠ TYPE III BARRICADE WITH FLASHING LIGHTS
- TEMPORARY CONCRETE BARRIER
- ◁ MONODIRECTIONAL BARRIER MARKER
- ▨ PAVED SHOULDER REMOVAL HMA PAVEMENT (FULL DEPTH)
- ▨ APPROACH SLAB REMOVAL
- ▨ PAVEMENT REMOVAL





ALL BARRICADES, DRUMS, AND VERTICAL PANELS SHALL BE AT 50' CENTERS. SEE STANDARD 701416 FOR DETAILS NOT SHOWN.

**LEGEND**

- ↑ ARROW BOARD
- † SIGN
- ▲ DIRECTION INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT
- TYPE II BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT
- ⊙ DRUM WITH STEADY BURN MONODIRECTIONAL LIGHT
- ⊞ VERTICAL PANEL (BACK TO BACK)
- ⊞ TYPE III BARRICADE WITH FLASHING LIGHTS
- TEMPORARY CONCRETE BARRIER
- ◁ MONODIRECTIONAL BARRIER MARKER
- ▨ PAVED SHOULDER REMOVAL  
HMA PAVEMENT (FULL DEPTH)
- ▨ APPROACH SLAB REMOVAL
- ▨ PAVEMENT REMOVAL

**NOTES:**

- SEE STANDARDS 701400 AND 701416 FOR DETAILS NOT SHOWN.
- MONODIRECTIONAL BARRIER WALL/GUARDRAIL MARKERS SHALL BE INSTALLED AT 25 FOOT CENTERS ON ALL EXISTING GUARDRAIL, TEMPORARY GUARDRAIL, AND BRIDGE PARAPETS.
- SEQUENCE OF OPERATIONS SN 054-0053, 0054, 0055, 0056**
- STAGE 2
1. REMOVE CONFLICTING PAVEMENT MARKINGS AND SHIFT TRAFFIC TO THE STAGE 2 LANES; PLACE TRAFFIC CONTROL ITEMS AS SHOWN ON THE STAGE 2 TRAFFIC CONTROL & PROTECTION DETAILS AND AS REQUIRED BY STANDARDS 701400 AND 701416.
  2. REMOVE EXISTING SOUTHBOUND BRIDGE DECKS, SUPERSTRUCTURES, AND APPROACH SLABS.
  3. CONSTRUCT SOUTHBOUND BRIDGE DECKS, SUPERSTRUCTURES, APPROACH PAVEMENTS, AND APPROACH CONNECTOR PAVEMENTS.
  4. MILL BUTT JOINTS AND PLACE HMA SURFACE COURSE AND HMA SHOULDERS.
  5. INSTALL GUARDRAIL AND TERMINALS
  6. REMOVE TRAFFIC CONTROL DEVICES AND TEMPORARY PAVEMENT MARKINGS; INSTALL PERMANENT PAVEMENT MARKINGS, AND OPEN ALL LANES TO TRAFFIC.

SEE STANDARD 701400 FOR APPROACH

BEGIN LANE CLOSURE TAPER STA 512+20

DIRECTION INDICATOR BARRICADES AT 50' CENTERS

MATCH LINE - STA 522+00



JOB = 2236.09  
 FILE NAME = D672E10-shr-xostg2-12'.dgn  
 PLOT SCALE = 100.00000' / IN.  
 PLOT DATE = 9/8/2011

DESIGNED - NAK  
 DRAWN - TJD  
 CHECKED - NAK  
 DATE - 8/12/2011

REVISED -  
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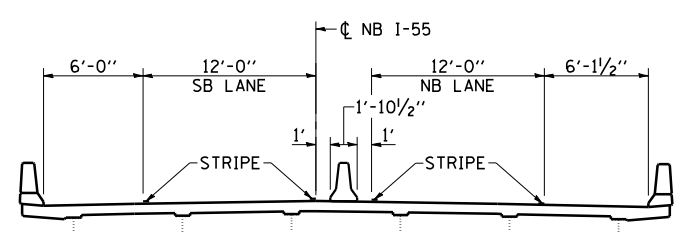
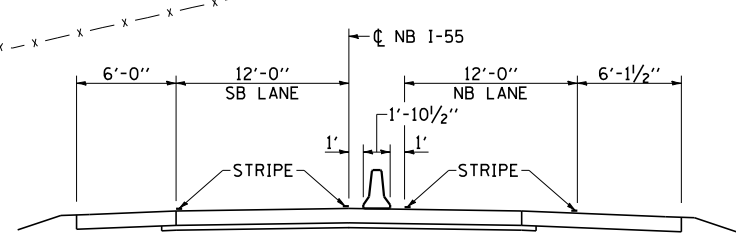
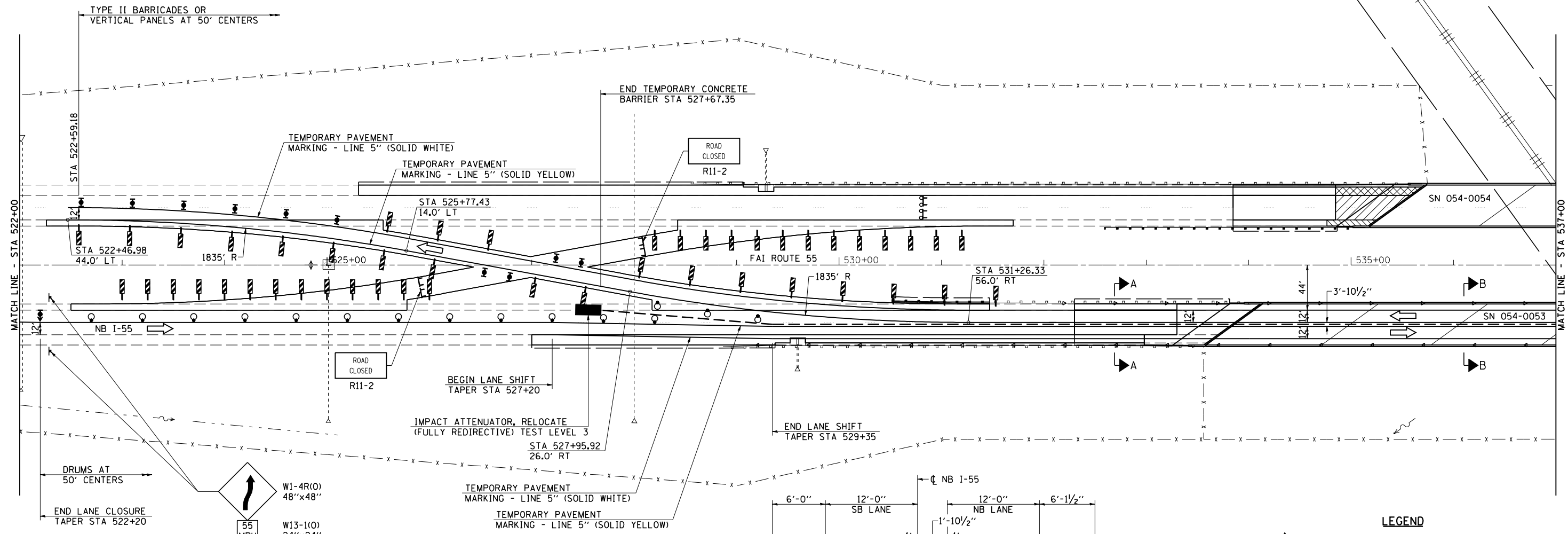
**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**STAGE 2  
 CROSSOVER PLAN**

SCALE: SHEET NO. OF SHEETS STA. 507+00 TO STA. 522+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	D6 LOGAN CO BR 2011	LOGAN	224	72
FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT	
			CONTRACT NO. 72E10	





TEMPORARY PAVEMENT MARKING LAYOUT

STA	OFFSET	STA	OFFSET
522+46.98	44.00	527+95.92	26.00
522+50	44.00	527+96	26.00
522+75	43.79	528+00	26.00
523+00	43.23	528+25	26.23
523+25	42.34	528+50	26.80
523+50	41.11	528+75	27.70
523+75	39.53	529+00	28.95
524+00	37.61	529+25	30.55
524+25	35.34	529+50	32.48
524+50	32.73	529+75	34.76
524+75	29.78	530+00	37.38
525+00	26.47	530+25	40.36
525+25	22.82	530+50	43.68
525+50	18.81	530+75	47.35
525+75	14.44	531+00	51.37
525+77.43	14.00	531+25	55.75
		531+26.33	56.00

- LEGEND**
- ↑ ARROW BOARD
  - † SIGN
  - ▲ DIRECTION INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT
  - ⊞ TYPE II BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT
  - ⊙ DRUM WITH STEADY BURN MONODIRECTIONAL LIGHT
  - ⊞ VERTICAL PANEL (BACK TO BACK)
  - ⊞ TYPE III BARRICADE WITH FLASHING LIGHTS
  - TEMPORARY CONCRETE BARRIER
  - ◁ MONODIRECTIONAL BARRIER MARKER
  - ▨ PAVED SHOULDER REMOVAL HMA PAVEMENT (FULL DEPTH)
  - ▨ APPROACH SLAB REMOVAL
  - ▨ PAVEMENT REMOVAL



JOB = 2236.09  
 FILE NAME = D672E10-shr-xostg2-12'.dgn  
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 PLOT DATE = 9/8/2011

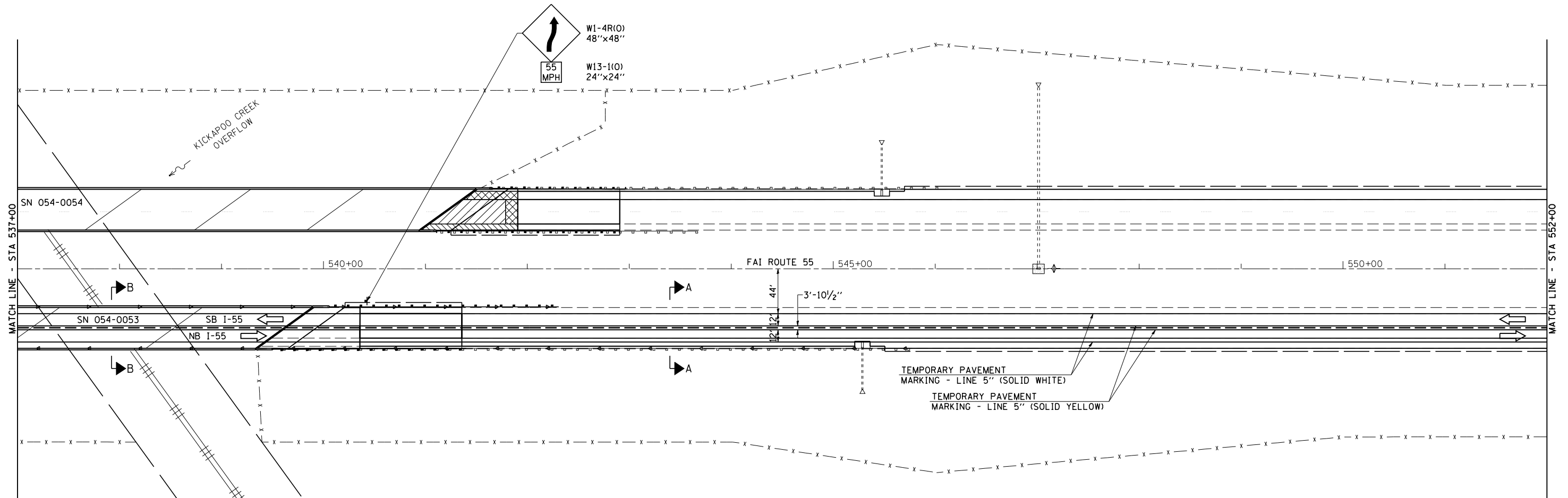
DESIGNED - NAK  
 DRAWN - TJD  
 CHECKED - NAK  
 DATE - 8/12/2011

REVISED -  
 REVISED -  
 REVISED -  
 REVISED -

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

STAGE 2  
 CROSSOVER PLAN  
 SCALE: SHEET NO. OF SHEETS STA. 522+00 TO STA. 537+00

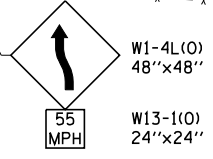
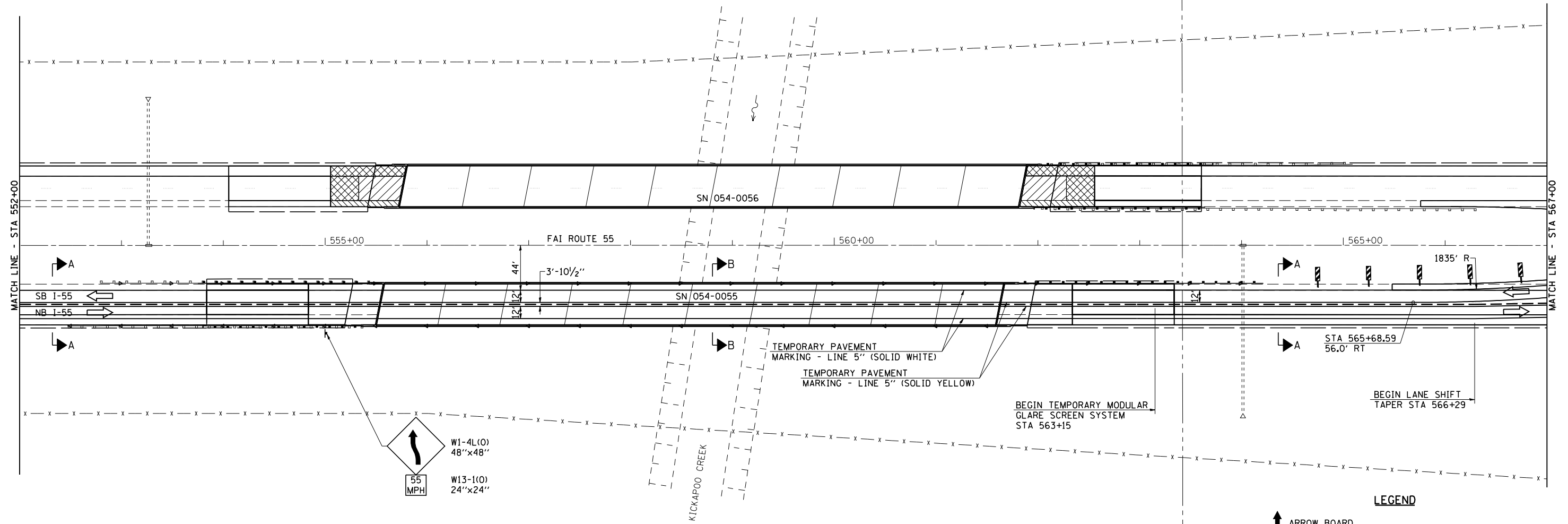
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	D6 LOGAN CO BR 2011	LOGAN	224	73
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 72E10	



**LEGEND**

- ↑ ARROW BOARD
- † SIGN
- ▲ DIRECTION INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT
- TYPE II BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT
- ⊙ DRUM WITH STEADY BURN MONODIRECTIONAL LIGHT
- ▮ VERTICAL PANEL (BACK TO BACK)
- ⊠ TYPE III BARRICADE WITH FLASHING LIGHTS
- TEMPORARY CONCRETE BARRIER
- ◁ MONODIRECTIONAL BARRIER MARKER
- ▨ PAVED SHOULDER REMOVAL  
HMA PAVEMENT (FULL DEPTH)
- ▧ APPROACH SLAB REMOVAL
- ▩ PAVEMENT REMOVAL



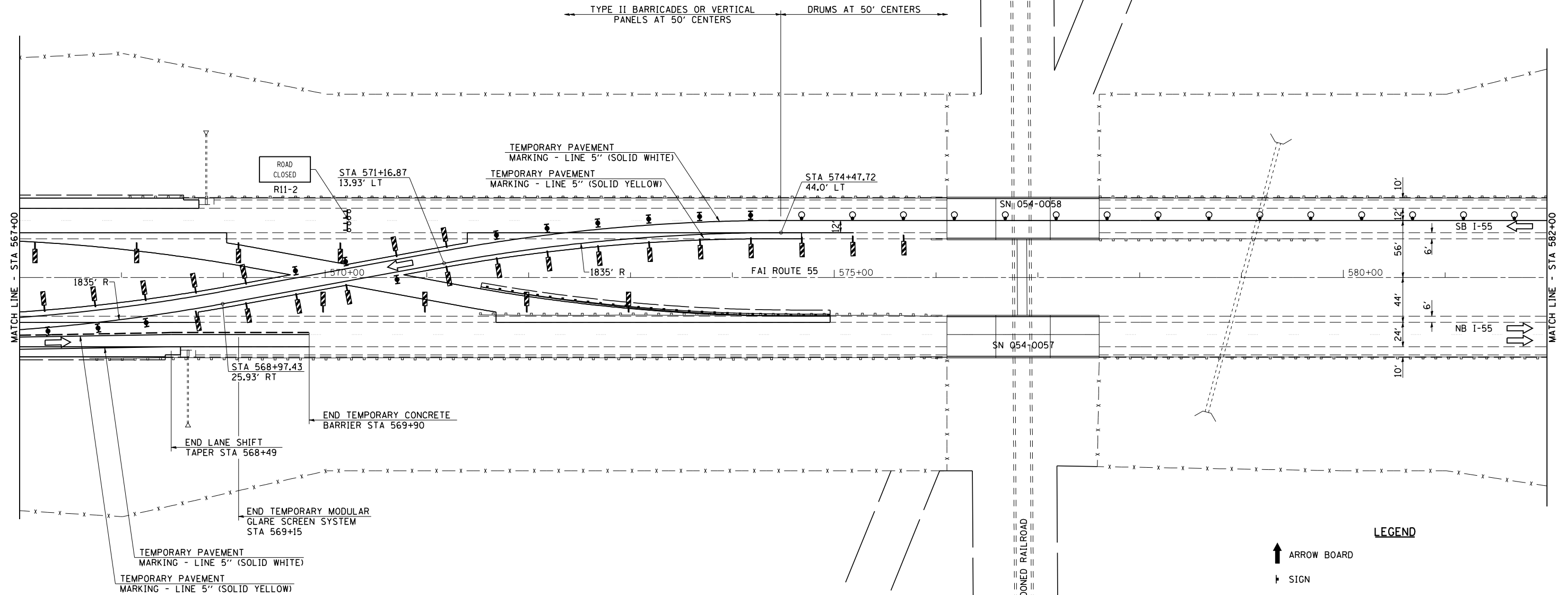


- LEGEND**
- ↑ ARROW BOARD
  - ↑ SIGN
  - ↑ DIRECTION INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT
  - ↑ TYPE II BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT
  - ⊙ DRUM WITH STEADY BURN MONODIRECTIONAL LIGHT
  - ↑ VERTICAL PANEL (BACK TO BACK)
  - ↑ TYPE III BARRICADE WITH FLASHING LIGHTS
  - TEMPORARY CONCRETE BARRIER
  - ◁ MONODIRECTIONAL BARRIER MARKER
  - ▨ PAVED SHOULDER REMOVAL HMA PAVEMENT (FULL DEPTH)
  - ▨ APPROACH SLAB REMOVAL
  - ▨ PAVEMENT REMOVAL



JOB = 2236.09	DESIGNED - NAK	REVISED -
FILE NAME = D672E10-shr-xostg2-12.dgn	DRAWN - TJD	REVISED -
PLOT SCALE = 100.00000 ' / IN.	CHECKED - NAK	REVISED -
PLOT DATE = 9/8/2011	DATE - 8/12/2011	REVISED -

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 72E10	



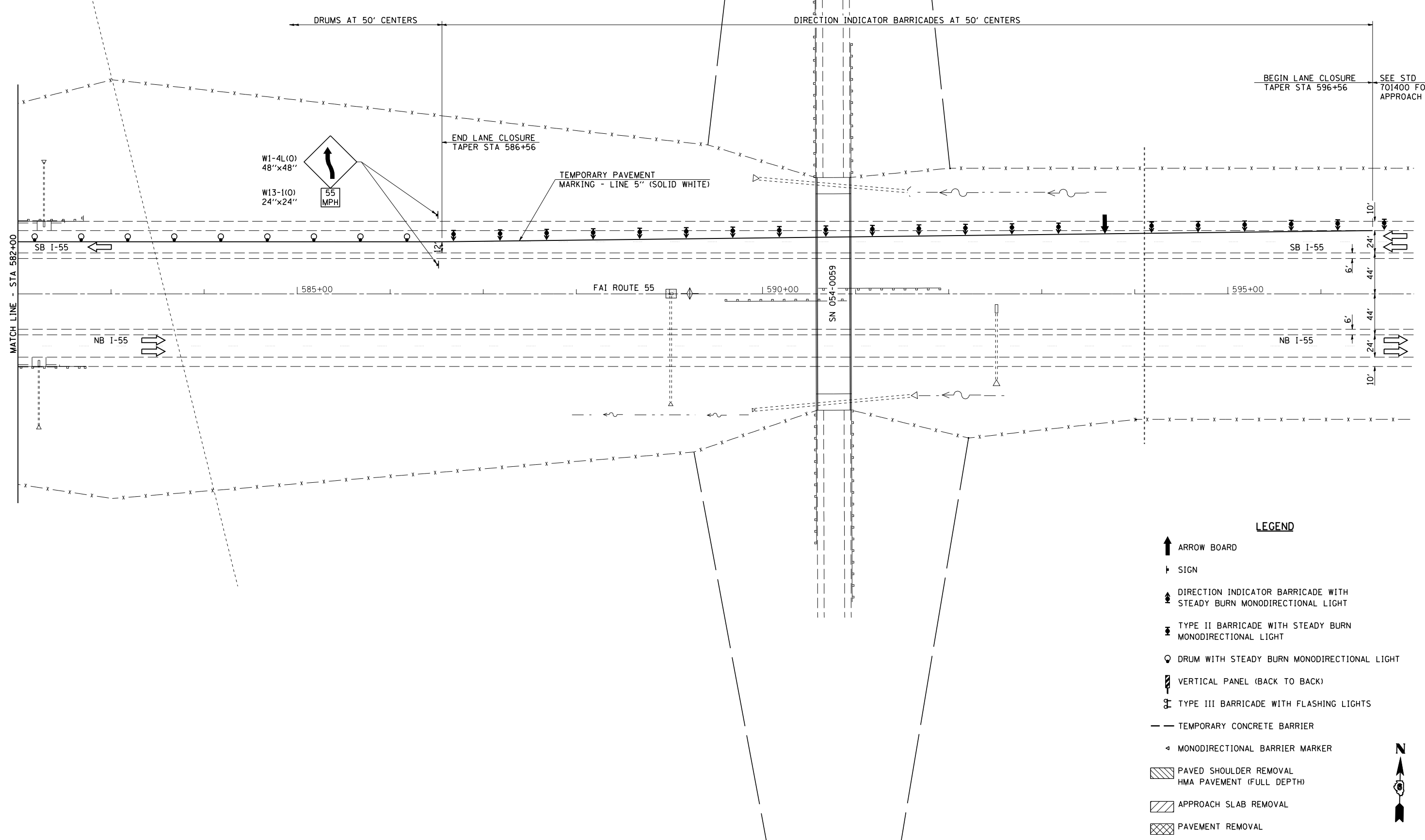
TEMPORARY PAVEMENT MARKING LAYOUT

STA	OFFSET	STA	OFFSET
565+68.59	56.00	571+16.87	13.93
565+75	55.99	571+25	13.95
566+00	55.73	571+50	14.23
566+25	55.13	571+75	14.85
566+50	54.19	572+00	15.81
566+75	52.91	572+25	17.12
567+00	51.29	572+50	18.77
567+25	49.32	572+75	20.76
567+50	47.01	573+00	23.09
567+75	44.35	573+25	25.77
568+00	41.35	573+50	28.80
568+25	38.00	573+75	32.18
568+50	34.29	574+00	35.90
568+75	30.24	574+25	39.99
568+99.43	25.93	574+47.72	44.00

LEGEND

- ↑ ARROW BOARD
- ↑ SIGN
- ↑ DIRECTION INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT
- ↑ TYPE II BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT
- DRUM WITH STEADY BURN MONODIRECTIONAL LIGHT
- ↑ VERTICAL PANEL (BACK TO BACK)
- ↑ TYPE III BARRICADE WITH FLASHING LIGHTS
- TEMPORARY CONCRETE BARRIER
- ◁ MONODIRECTIONAL BARRIER MARKER
- ▨ PAVED SHOULDER REMOVAL  
HMA PAVEMENT (FULL DEPTH)
- ▧ APPROACH SLAB REMOVAL
- ▩ PAVEMENT REMOVAL





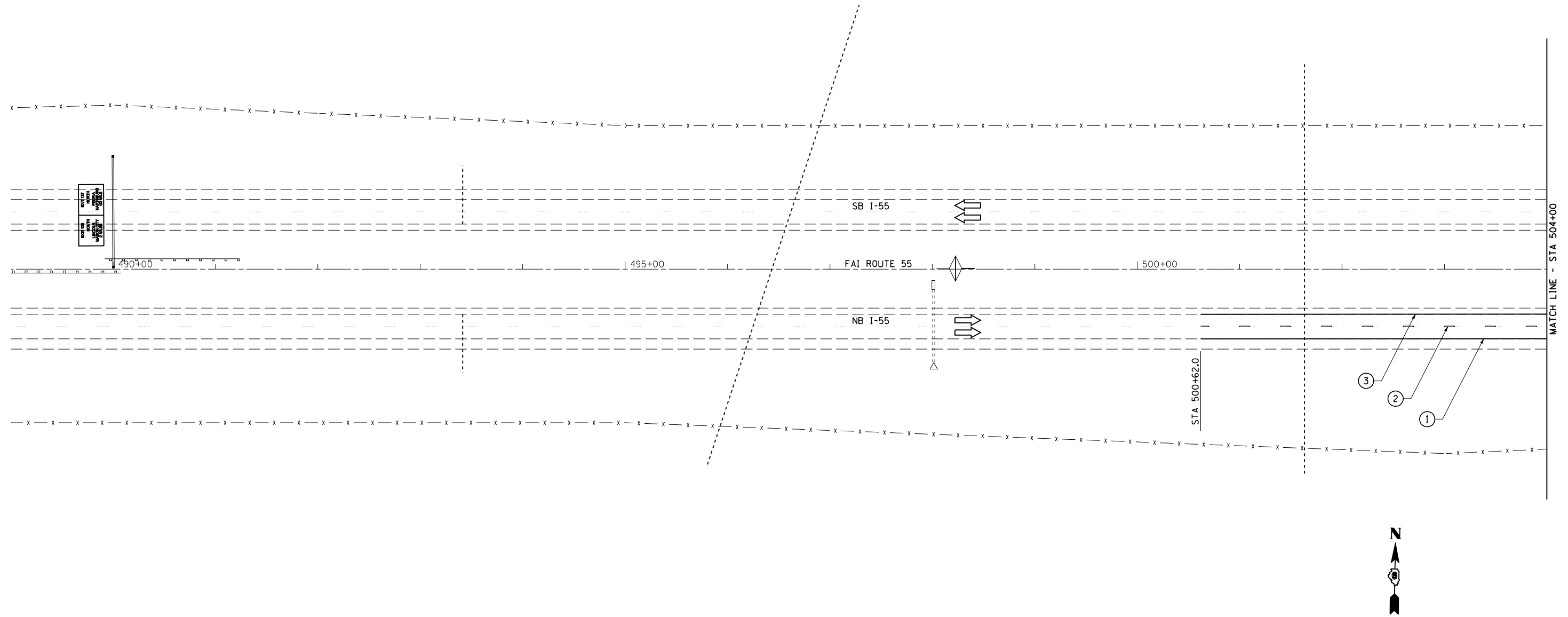
**LEGEND**

- ↑ ARROW BOARD
- ↑ SIGN
- ↑ DIRECTION INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT
- ↑ TYPE II BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT
- DRUM WITH STEADY BURN MONODIRECTIONAL LIGHT
- ↑ VERTICAL PANEL (BACK TO BACK)
- ↑ TYPE III BARRICADE WITH FLASHING LIGHTS
- TEMPORARY CONCRETE BARRIER
- ◁ MONODIRECTIONAL BARRIER MARKER
- ▨ PAVED SHOULDER REMOVAL  
HMA PAVEMENT (FULL DEPTH)
- ▧ APPROACH SLAB REMOVAL
- ▩ PAVEMENT REMOVAL





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FILE NAME = D672E10-shr-xostg2-12.dgn	DRAWN - TJD	REVISED -
PLOT SCALE = 100.00000 ' / IN.	CHECKED - NAK	REVISED -
PLOT DATE = 9/8/2011	DATE - 8/12/2011	REVISED -

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT	
			CONTRACT NO. 72E10	

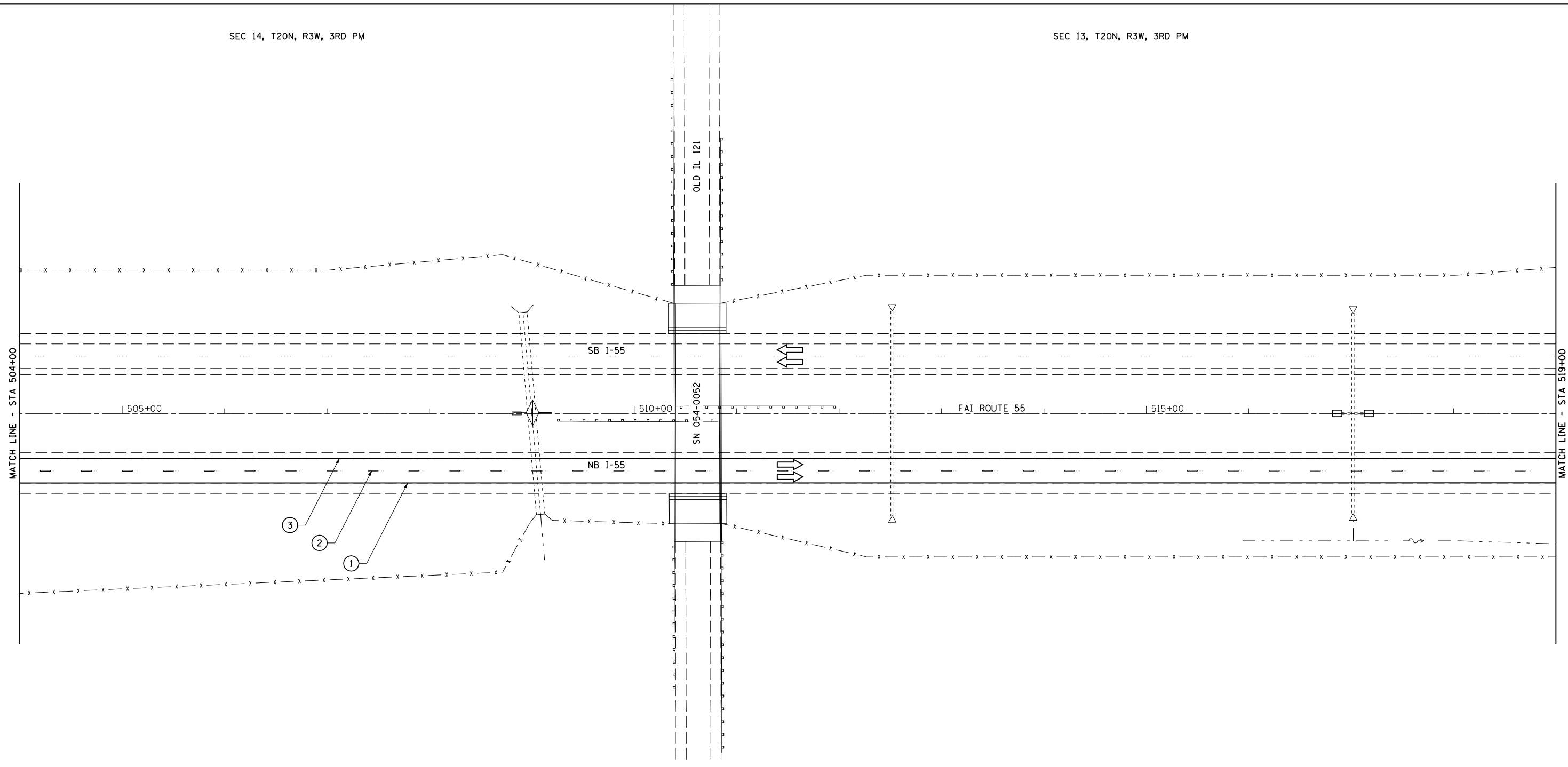


**LEGEND**



-  INDICATES LIMITS OF PAVEMENT REMOVAL
-  INDICATES LIMITS OF SEEDING, CLASS 2
- ① URETHANE PAVEMENT MARKING - LINE 5" SOLID WHITE
- ② URETHANE PAVEMENT MARKING - LINE 5" WHITE SKIP-DASH
- ③ URETHANE PAVEMENT MARKING - LINE 5" SOLID YELLOW
- RAISED REFLECTIVE PAVEMENT MARKER

**SEQUENCE OF OPERATIONS SN 054-0053, 0054, 0055, 0056  
FINAL PHASE**

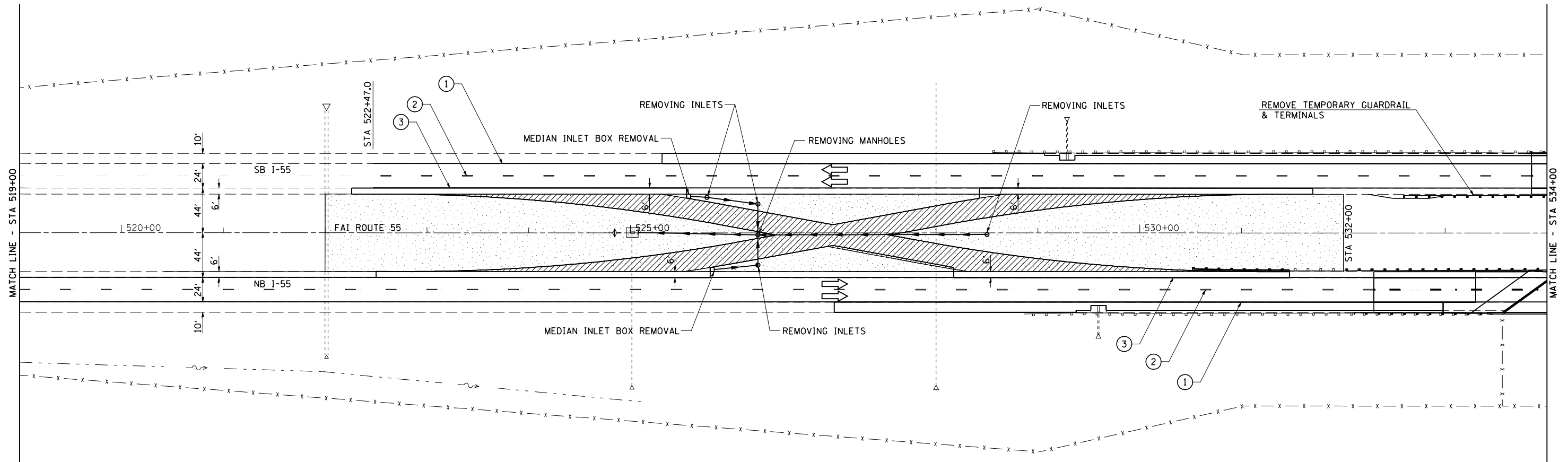
1. CLOSE MEDIAN LANES USING STANDARDS 701400 AND 701401
2. SAW CUT WEST CROSSOVER PAVEMENT ALONG EDGE OF MEDIAN PAVED SHOULDER.
3. REMOVE CROSSOVER PAVEMENT, TEMPORARY GUARDRAIL, TEMPORARY PAVEMENT MARKINGS AND TERMINALS.
4. GRADE MEDIAN AND SEED.
5. INSTALL MEDIAN CLOSURE ON EAST CROSSOVER.



**LEGEND**

-  INDICATES LIMITS OF PAVEMENT REMOVAL
-  INDICATES LIMITS OF SEEDING, CLASS 2
- ① URETHANE PAVEMENT MARKING - LINE 5" SOLID WHITE
- ② URETHANE PAVEMENT MARKING - LINE 5" WHITE SKIP-DASH
- ③ URETHANE PAVEMENT MARKING - LINE 5" SOLID YELLOW
- RAISED REFLECTIVE PAVEMENT MARKER






REMOVAL OF CROSSOVER PAVEMENT AND DRAINAGE STRUCTURES SHALL BE COMPLETED UTILIZING TRAFFIC CONTROL AND PROTECTION STANDARDS 701400 AND 701401.

ALL TEMPORARY PIPE CULVERTS SHALL BE REMOVED.

THE CONTRACTOR SHALL SCHEDULE HIS OPERATIONS SO THAT ALL LANES ARE OPEN TO TRAFFIC FROM FRIDAY AT 11:00 AM UNTIL MONDAY AT 6:00 AM.

**LEGEND**

 INDICATES LIMITS OF PAVEMENT REMOVAL

 INDICATES LIMITS OF SEEDING, CLASS 2

① URETHANE PAVEMENT MARKING - LINE 5" SOLID WHITE

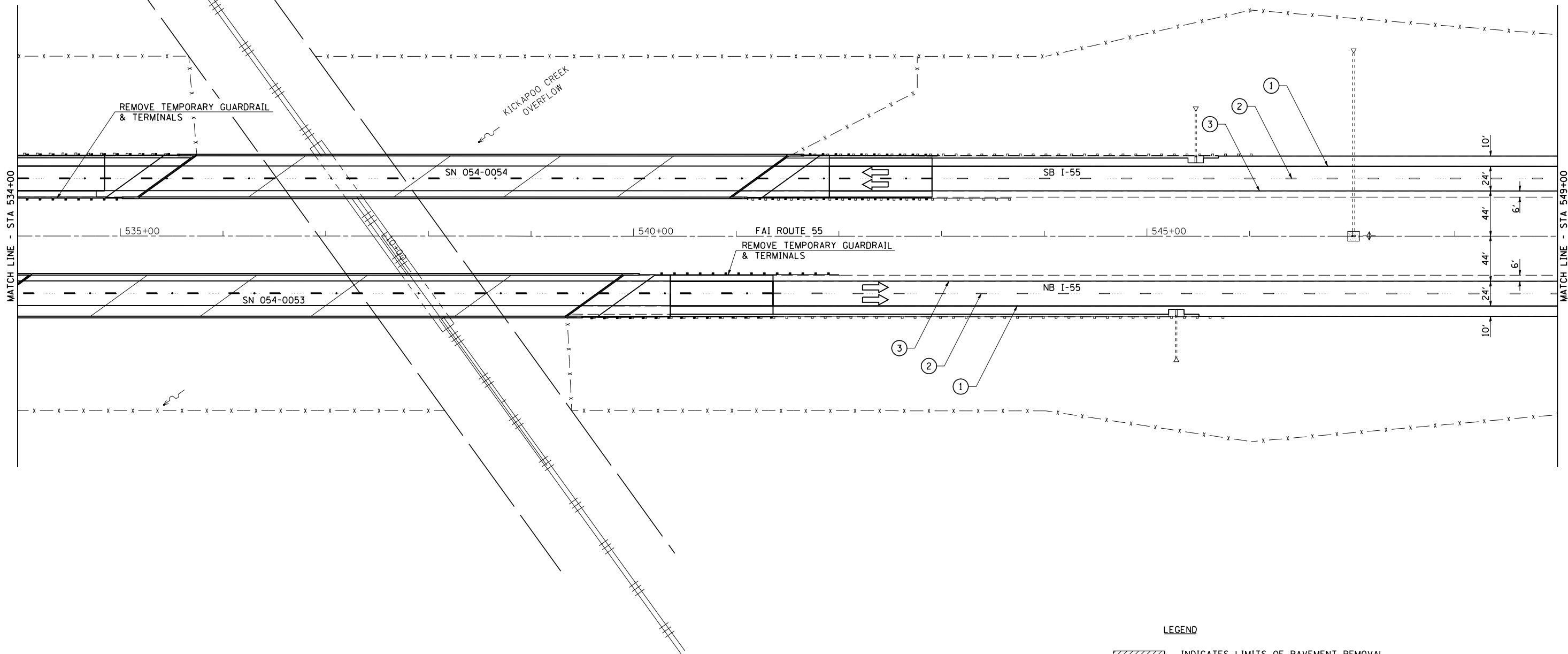
② URETHANE PAVEMENT MARKING - LINE 5" WHITE SKIP-DASH

③ URETHANE PAVEMENT MARKING - LINE 5" SOLID YELLOW

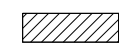

▸ RAISED REFLECTIVE PAVEMENT MARKER



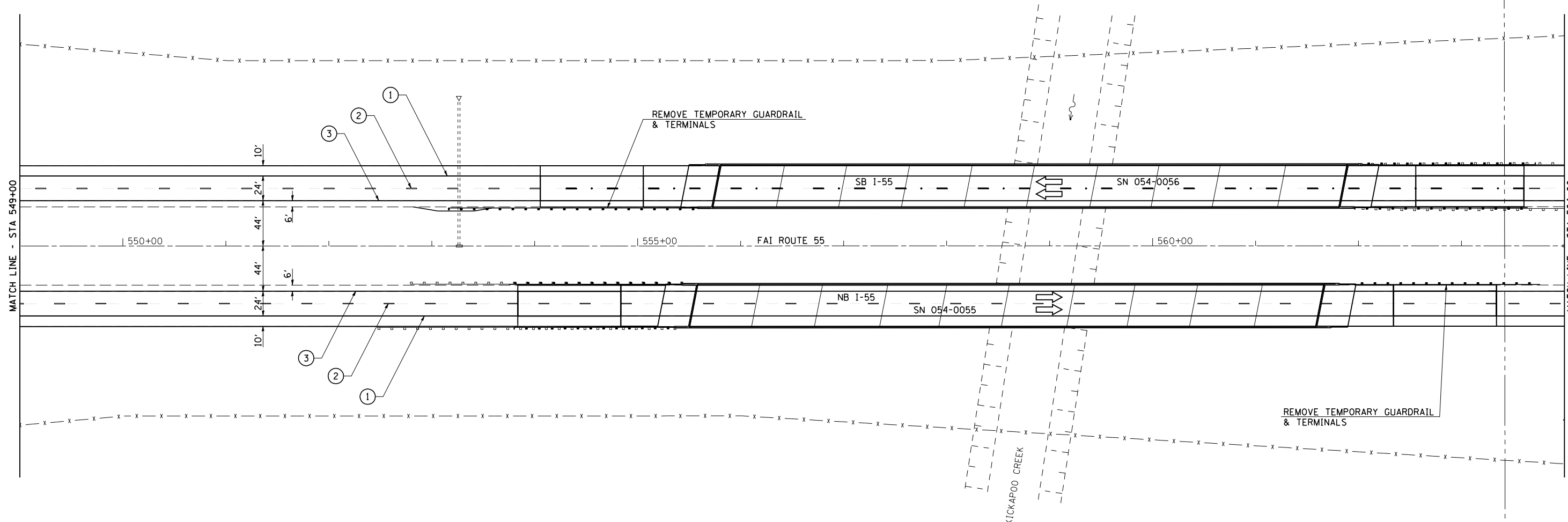






LEGEND

-  INDICATES LIMITS OF PAVEMENT REMOVAL
-  INDICATES LIMITS OF SEEDING, CLASS 2
- ① URETHANE PAVEMENT MARKING - LINE 5" SOLID WHITE
- ② URETHANE PAVEMENT MARKING - LINE 5" WHITE SKIP-DASH
- ③ URETHANE PAVEMENT MARKING - LINE 5" SOLID YELLOW
- ▶ RAISED REFLECTIVE PAVEMENT MARKER

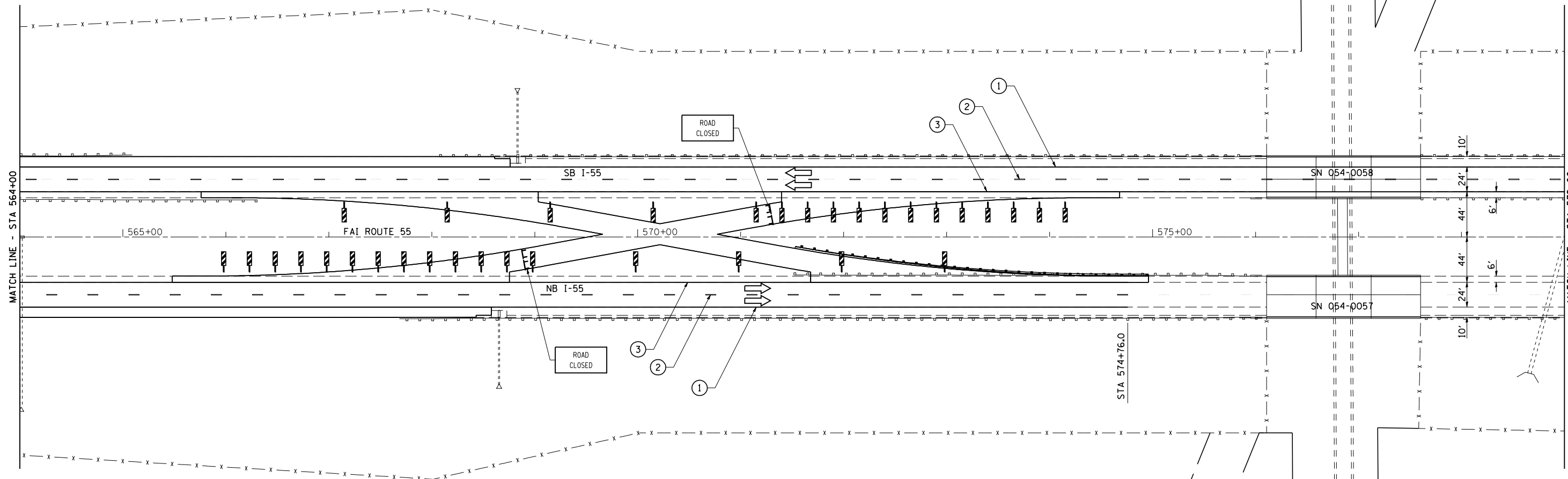






**LEGEND**

-  INDICATES LIMITS OF PAVEMENT REMOVAL
-  INDICATES LIMITS OF SEEDING, CLASS 2
- ① URETHANE PAVEMENT MARKING - LINE 5" SOLID WHITE
- ② URETHANE PAVEMENT MARKING - LINE 5" WHITE SKIP-DASH
- ③ URETHANE PAVEMENT MARKING - LINE 5" SOLID YELLOW
- RAISED REFLECTIVE PAVEMENT MARKER



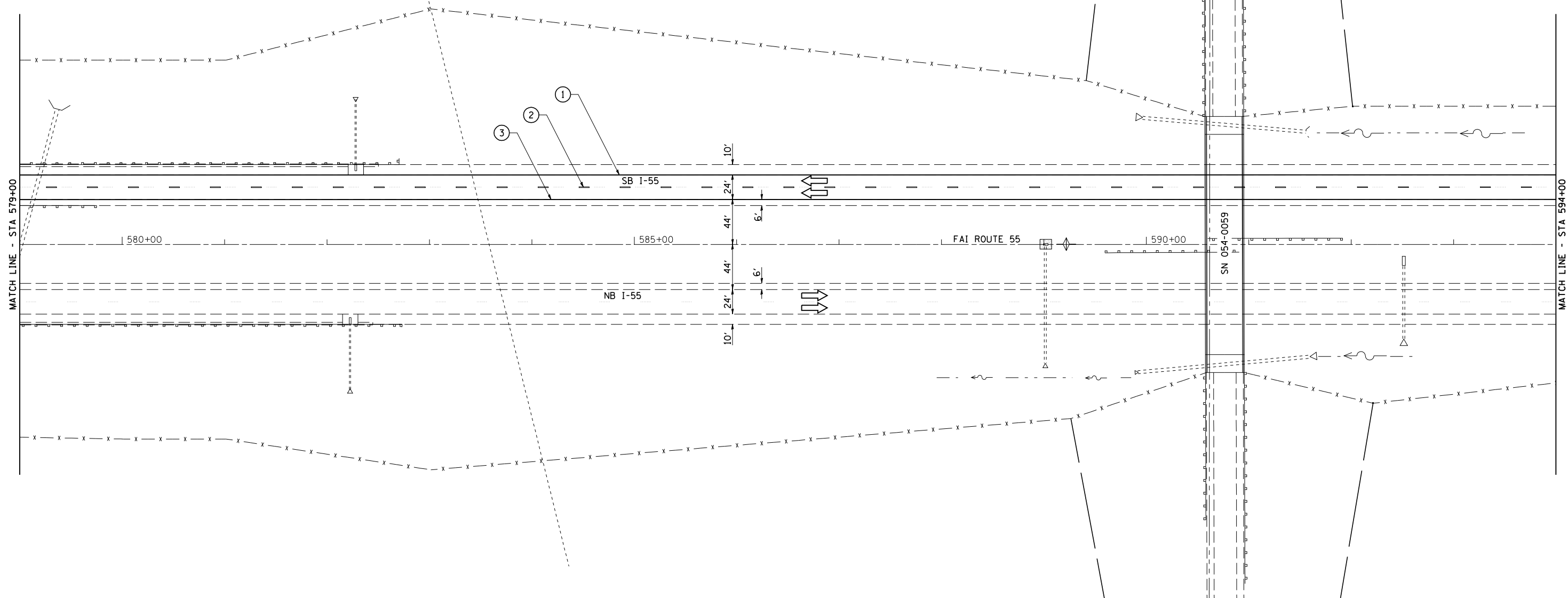


LEGEND


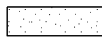
-  INDICATES LIMITS OF PAVEMENT REMOVAL
-  INDICATES LIMITS OF SEEDING, CLASS 2
- ① URETHANE PAVEMENT MARKING - LINE 5" SOLID WHITE
- ② URETHANE PAVEMENT MARKING - LINE 5" WHITE SKIP-DASH
- ③ URETHANE PAVEMENT MARKING - LINE 5" SOLID YELLOW
- RAISED REFLECTIVE PAVEMENT MARKER



SEC 18, T20N, R2W, 3RD PM



**LEGEND**

-  INDICATES LIMITS OF PAVEMENT REMOVAL
-  INDICATES LIMITS OF SEEDING, CLASS 2
- ① URETHANE PAVEMENT MARKING - LINE 5" SOLID WHITE
- ② URETHANE PAVEMENT MARKING - LINE 5" WHITE SKIP-DASH
- ③ URETHANE PAVEMENT MARKING - LINE 5" SOLID YELLOW
- RAISED REFLECTIVE PAVEMENT MARKER



**CEC** Cummins  
Engineering  
Corporation  
Civil and Structural Engineering

JOB = 2265.4  
FILE NAME = D672E10-shr-xofinal.dgn  
PLOT SCALE = 100.00000 ' / IN.  
PLOT DATE = 9/8/2011

DESIGNED - NAK  
DRAWN - TJD  
CHECKED - NAK  
DATE - 8/12/2011

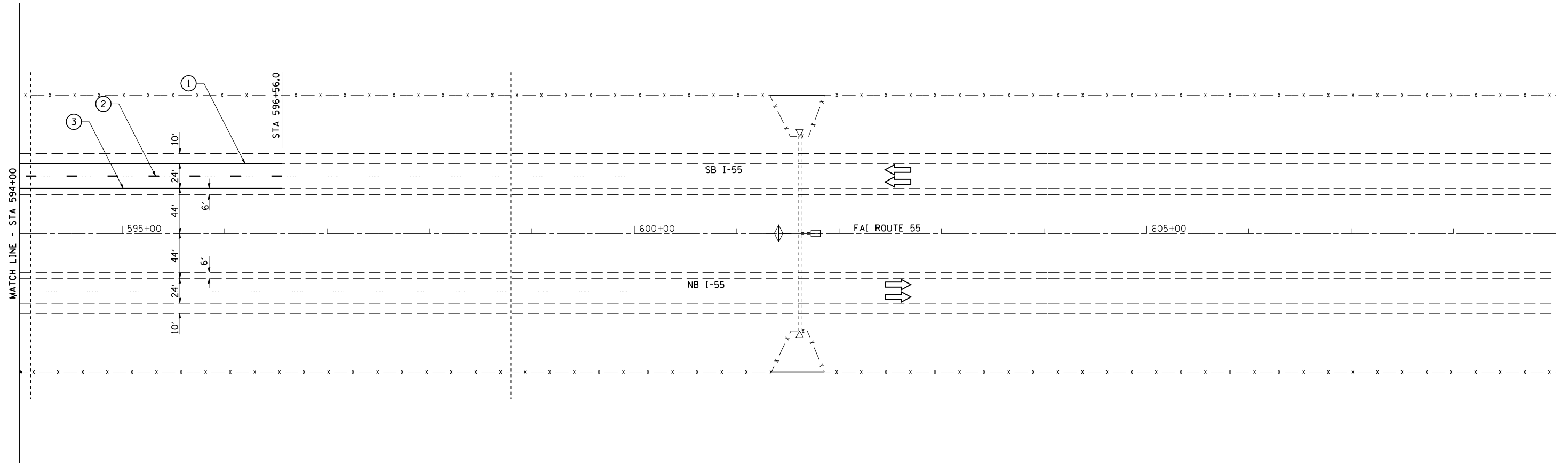
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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

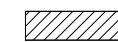

**FINAL  
CROSSOVER PLAN**

SCALE: SHEET NO. OF SHEETS STA. 579+00 TO STA. 594+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	D6 LOGAN CO BR 2011	LOGAN	224	84
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 72E10	

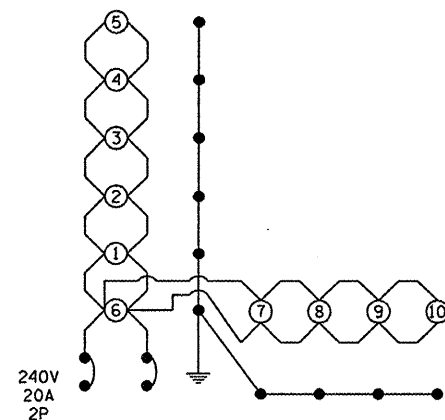
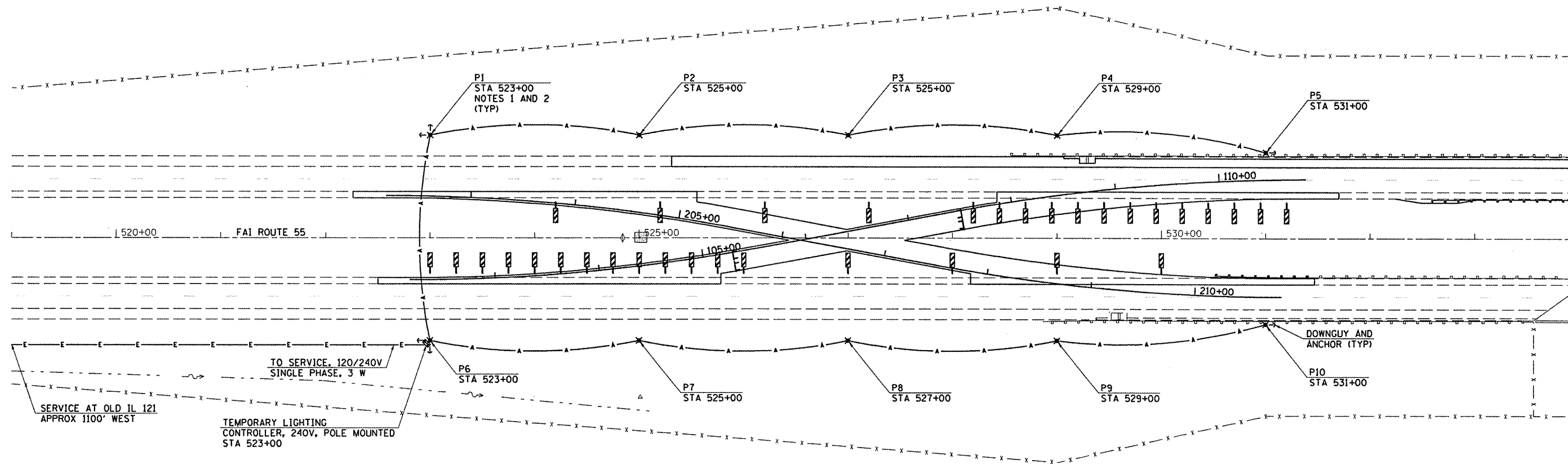


**LEGEND**

-  INDICATES LIMITS OF PAVEMENT REMOVAL
-  INDICATES LIMITS OF SEEDING, CLASS 2
- ① URETHANE PAVEMENT MARKING - LINE 5" SOLID WHITE
- ② URETHANE PAVEMENT MARKING - LINE 5" WHITE SKIP-DASH
- ③ URETHANE PAVEMENT MARKING - LINE 5" SOLID YELLOW
- RAISED REFLECTIVE PAVEMENT MARKER







CIRCUIT DIAGRAM - EAST CROSSOVER

**NOTES**

1. TEMPORARY WOOD POLES SHALL BE TALLER AS NEEDED TO MAINTAIN REQUIRED GROUND CLEARANCE OF AERIAL CABLES AND 42 FEET MOUNTING HEIGHT.
2. TEMPORARY WOOD POLES SHALL BE SET BACK MIN 30 FT FROM EDGE OF PAVEMENT OR 4 FT BEHIND THE GUARDRAIL.
3. FOR POLES LOCATED BEHIND THE GUARDRAIL LUMINAIRE AIMING SHALL BE ADJUSTED AS DIRECTED BY THE ENGINEER.

**LEGEND**

- ✱ TEMPORARY LIGHTING UNIT, 50' WOOD POLE, CLASS 3 WITH 250W HPS MULTIMOUNT LUMINAIRE, 42' MOUNTING HEIGHT
- A— AERIAL CABLE, 2-1/2 NO. 4 ALUMINUM WITH MESSENGER WIRE UNLESS NOTED OTHERWISE
- E— ELECTRIC CABLE IN TRENCH, TRIPLEX, 3-1/2 NO. 2 AND NO. 2 STRANDED ALUMINUM
- TEMPORARY LIGHTING CONTROLLER



JOB = 2236.09	DESIGNED - NAK	REVISED -
FILE NAME = D672E10-shr-lighting.dgn	DRAWN - TJD	REVISED -
PLOT SCALE = 100.0000' / 1" IN.	CHECKED - NAK	REVISED -
PLOT DATE = 9/8/2011	DATE - 8/12/2011	REVISED -

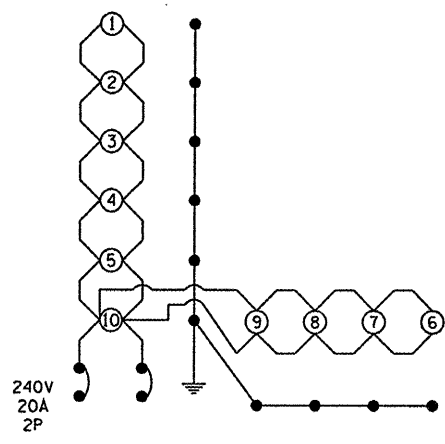
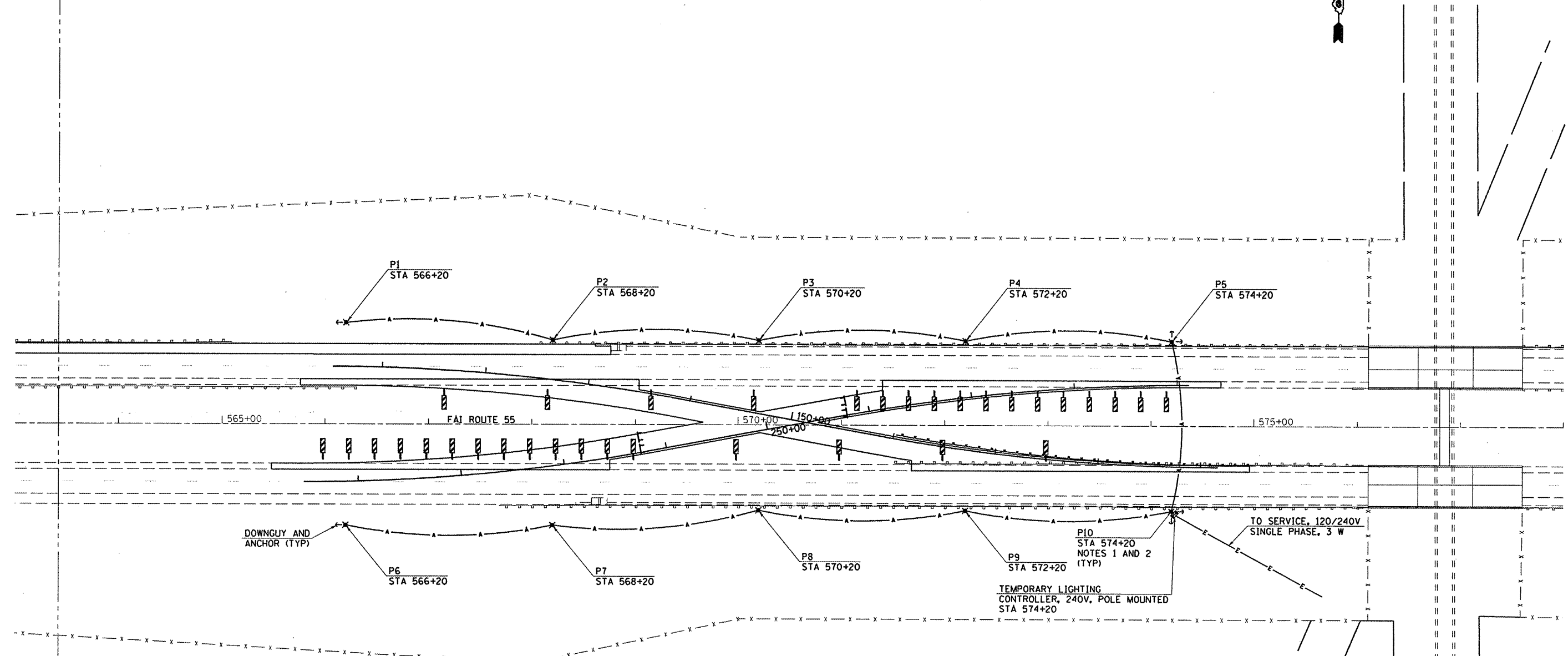
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**FAI ROUTE 55  
TEMPORARY LIGHTING AT WEST CROSSOVER**

SCALE:	SHEET NO.	OF	SHEETS	STA.	TO STA.
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F.A.J. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	D6 LOGAN CO BR 2011	LOGAN	224	87
FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT	

CONTRACT NO. 72E10



CIRCUIT DIAGRAM - WEST CROSSOVER

- NOTES**
- TEMPORARY WOOD POLES SHALL BE TALLER AS NEEDED TO MAINTAIN REQUIRED GROUND CLEARANCE OF AERIAL CABLES AND 42 FEET MOUNTING HEIGHT.
  - TEMPORARY WOOD POLES SHALL BE SET BACK MIN 30 FT FROM EDGE OF PAVEMENT OR 4 FT BEHIND THE GUARDRAIL.
  - FOR POLES LOCATED BEHIND THE GUARDRAIL LUMINAIRE AIMING SHALL BE ADJUSTED AS DIRECTED BY THE ENGINEER.

- LEGEND**
- ✕ TEMPORARY LIGHTING UNIT, 50' WOOD POLE, CLASS 3 WITH 250W HPS MULTIMOUNT LUMINAIRE, 42' MOUNTING HEIGHT
  - A— AERIAL CABLE, 2-1/C NO. 4 ALUMINUM WITH MESSENGER WIRE UNLESS NOTED OTHERWISE
  - E— ELECTRIC CABLE IN TRENCH, TRIPLEX, 3-1/C NO. 2 AND NO. 2 GND STRANDED ALUMINUM
  - ☐ TEMPORARY LIGHTING CONTROLLER

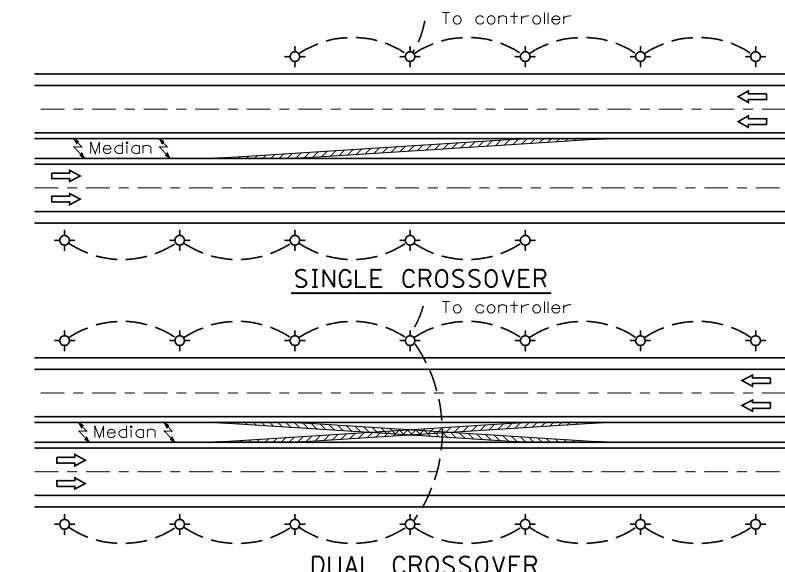
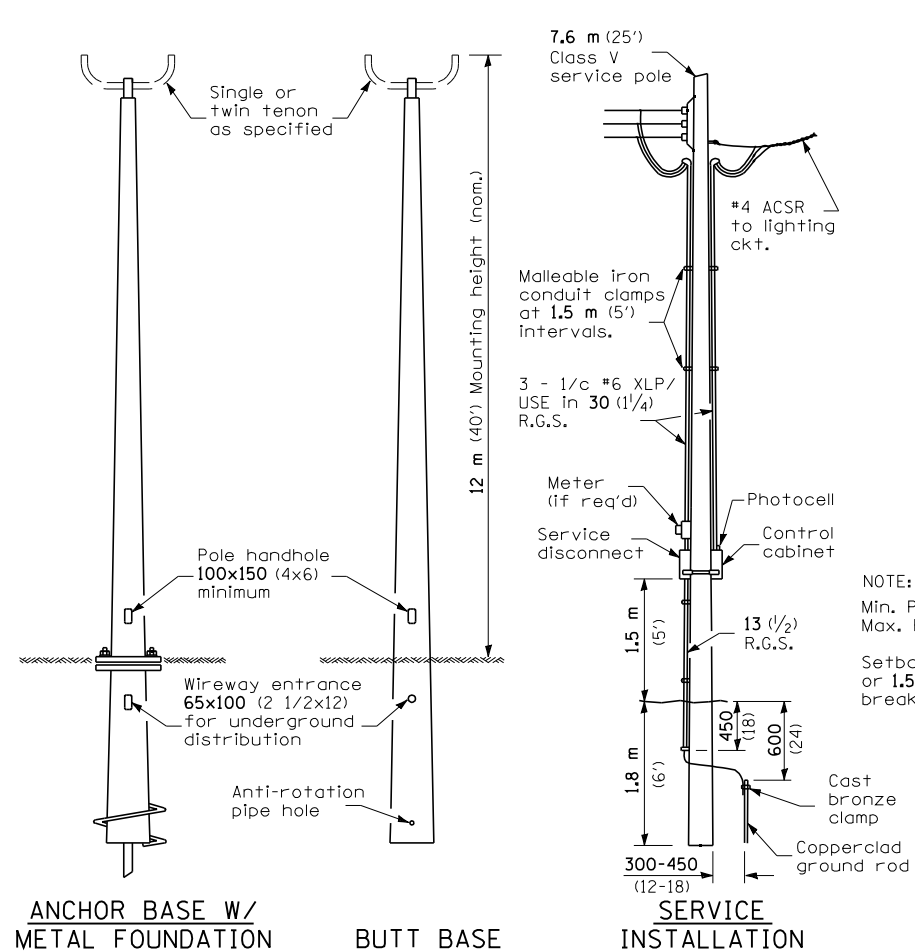
<b>CEC</b> Cummins Engineering Corporation <small>Civil and Structural Engineering</small>	JOB = 2236.09	DESIGNED - NAK	REVISED -
	FILE NAME = D672E10-shr-lighting.dgn	DRAWN - TJD	REVISED -
	PLOT SCALE = 100.0000' / IN.	CHECKED - NAK	REVISED -
	PLOT DATE = 9/8/2011	DATE - 8/12/2011	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>FAJ ROUTE 55</b>			
<b>TEMPORARY LIGHTING AT EAST CROSSOVER</b>			
SCALE:	SHEET NO.	OF SHEETS	STA. TO STA.

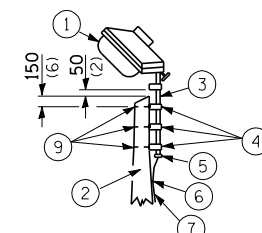
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	D6 LOGAN CO BR 2011	LOGAN	224	88
CONTRACT NO. 72E10				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



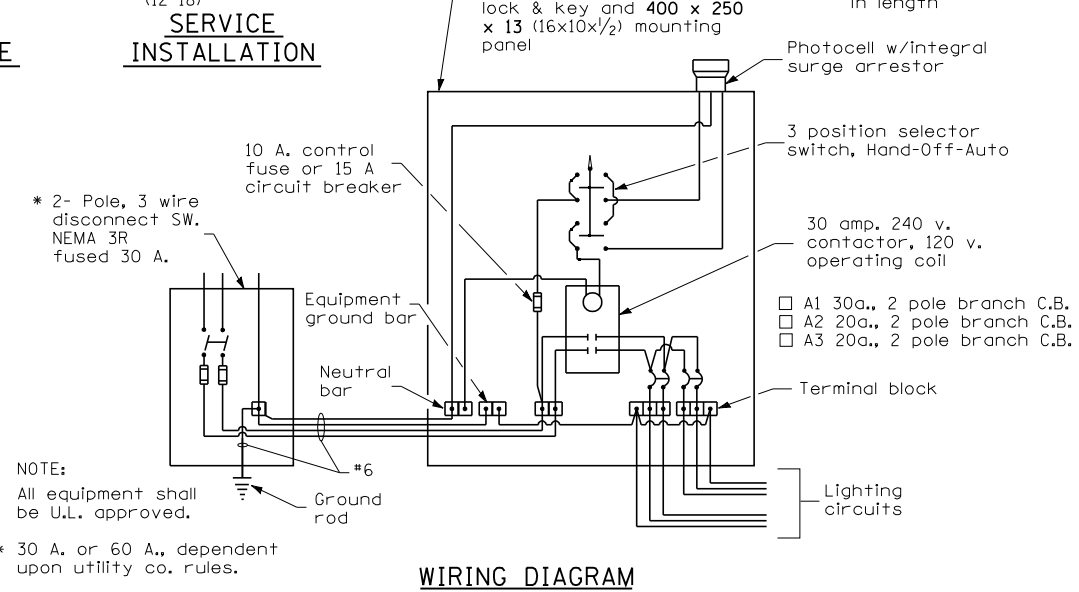


- NOTE:  
 Min. Pole spacing 60 m (200')  
 Max. Pole spacing 75 m (250')  
 Setback shall be min. 9 m (30') or 1.5 m (5') back of ditch, unless breakaway type pole is used.
- ① Luminaire
  - ② Wood pole, class 3 or better
  - ③ 63 (2 1/2) Galv. steel conduit
  - ④ Single offset pole band
  - ⑤ Conduit bushing
  - ⑥ Cable clamps on 600 (24) centers
  - ⑦ 2/c #12 Type USE cable
  - ⑧ 25 (1) Galv. steel conduit 3.0 m (10') in length

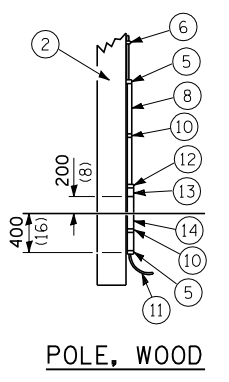
NOTE:  
 Luminaire(s) shall have a 2-pole inline weatherproof quick disconnect fuse holder.  
 Luminaire(s) shall be oriented and the mounting angle adjusted as recommended by the Engineer.  
 Connect luminaire equipment ground to ACSR messenger.



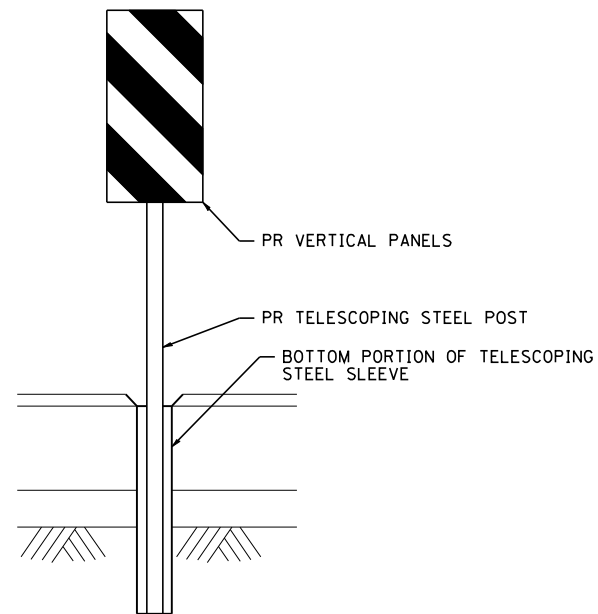
- ⑨ 16 (5/8) Ø hot dipped galvanized bolt with flat washer & locknut (3 req'd)
- ⑩ Conduit clamps on 900 (36) centers
- ⑪ Unit duct
- ⑫ Threaded reducer
- ⑬ "C" Condulet, threaded
- ⑭ 40 (1 1/2) Galv. steel conduit for 1 unit duct or 75 (3) galv. steel conduit for 2 or 3 unit ducts.



NOTE:  
 All equipment shall be U.L. approved.  
 \* 30 A. or 60 A., dependent upon utility co. rules.



POLE LENGTH	DEPTH IN GROUND
19.8 m (65')	3.6 m (12')
18.0 m (60')	3.0 m (10')
16.8 m (55')	2.7 m (9')
16.0 m (50')	2.4 m (8')
13.7 m (45')	2.1 m (7')
12.0 m (40')	2.0 m (6.5')
10.7 m (35')	1.8 m (6')
9.0 m (30')	1.7 m (5.5')



**NOTES:**

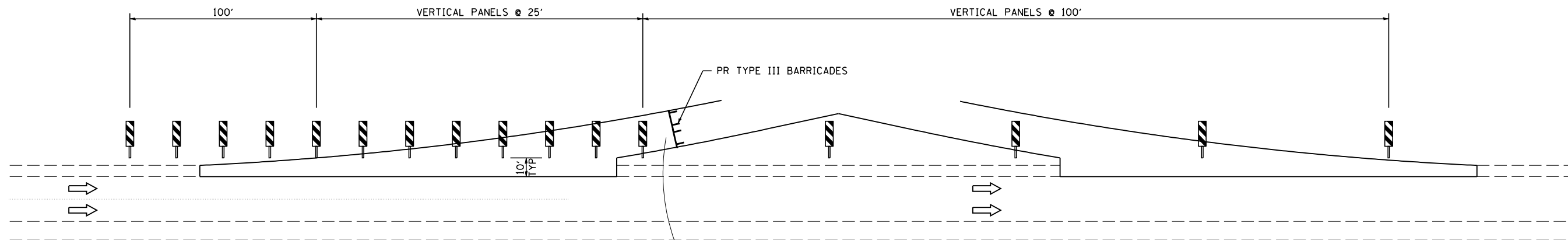
TRAFFIC CONTROL DEVICES SHALL BE INSTALLED DURING PRE-STAGE 1 CONSTRUCTION AND SHALL REMAIN IN PLACE THROUGHOUT CONSTRUCTION OF THE PROJECT. TRAFFIC CONTROL DEVICES SHALL BE REMOVED AS REQUIRED TO OPEN THE STAGE 1 AND STAGE 2 CROSSOVER LANES.

TRAFFIC CONTROL DEVICES AT THE EAST CROSSOVER SHALL REMAIN IN PLACE AND BECOME THE PROPERTY OF THE DEPARTMENT UPON COMPLETION OF THE PROJECT.

NOTE: FOR INSTALLATION OF VERTICAL PANELS IN AREAS OF CROSSOVER PAVEMENT, 3" Ø HOLES WILL BE CORED THROUGH PAVEMENT FOR PLACEMENT. TELESCOPING STEEL POLES WILL BE PLACED 1" BELOW SURFACE AS SHOWN, AND WORK SHALL BE DONE TO THE SATISFACTION OF THE ENGINEER. WHEN OPENING CROSSOVER, PANELS WILL BE REMOVED AND HOLES WILL BE LEFT IN PLACE. COST OF PANELS, POSTS, SLEEVES, TYPE III BARRICADES, SIGNS, AND CORING SHALL BE INCLUDED IN MEDIAN CLOSURE.

**BILL OF MATERIALS**

LOCATION	VERTICAL PANELS	TELESCOPING STEEL POSTS & STEEL SLEEVES	TYPE III BARRICADES	SIGN PANEL TYPE 2
STA	STA	EACH	EACH	SQ FT
SB I-55				
524+20	TO 527+20	4	4	
258+20	TO 531+20	13	13	
528+08			2	10
567+15	TO 570+15	4	4	
571+15	TO 574+15	13	13	
571+03			2	10
NB I-55				
523+00	TO 526+00	13	13	
527+00	TO 530+00	4	4	
525+93			2	10
565+98	TO 568+98	13	13	
569+98	TO 572+98	4	4	
569+06			2	10
TOTAL		68	68	40



**LEGEND**

- ← TRAFFIC FLOW ARROW
- ⊥ TYPE III BARRICADE
- ▬ IMPACT ATTENUATOR
- BARREL W/STEADY BURNING LIGHT
- ⊥ POST MOUNTED SIGN
- ◇ BARRIER WALL MARKER
- ▬ TEMPORARY CONCRETE BARRIER
- ⊥ VERTICAL SIGN PANEL

**CROSSOVER CLOSURE-TYPICAL**  
4 LOCATIONS

NOT TO SCALE



JOB = 2236.9	DESIGNED - NAK	REVISED -
FILE NAME = d672E10-shr-details.dgn	DRAWN - TJD	REVISED -
PLOT SCALE = 2.0000' / IN.	CHECKED - NAK	REVISED -
PLOT DATE = 9/8/2011	DATE - 8/12/2011	REVISED -

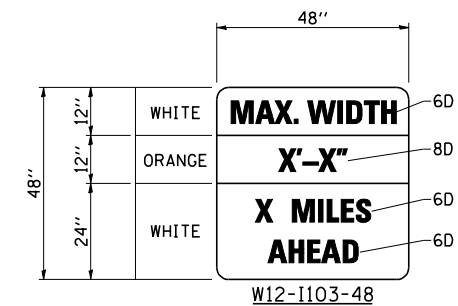
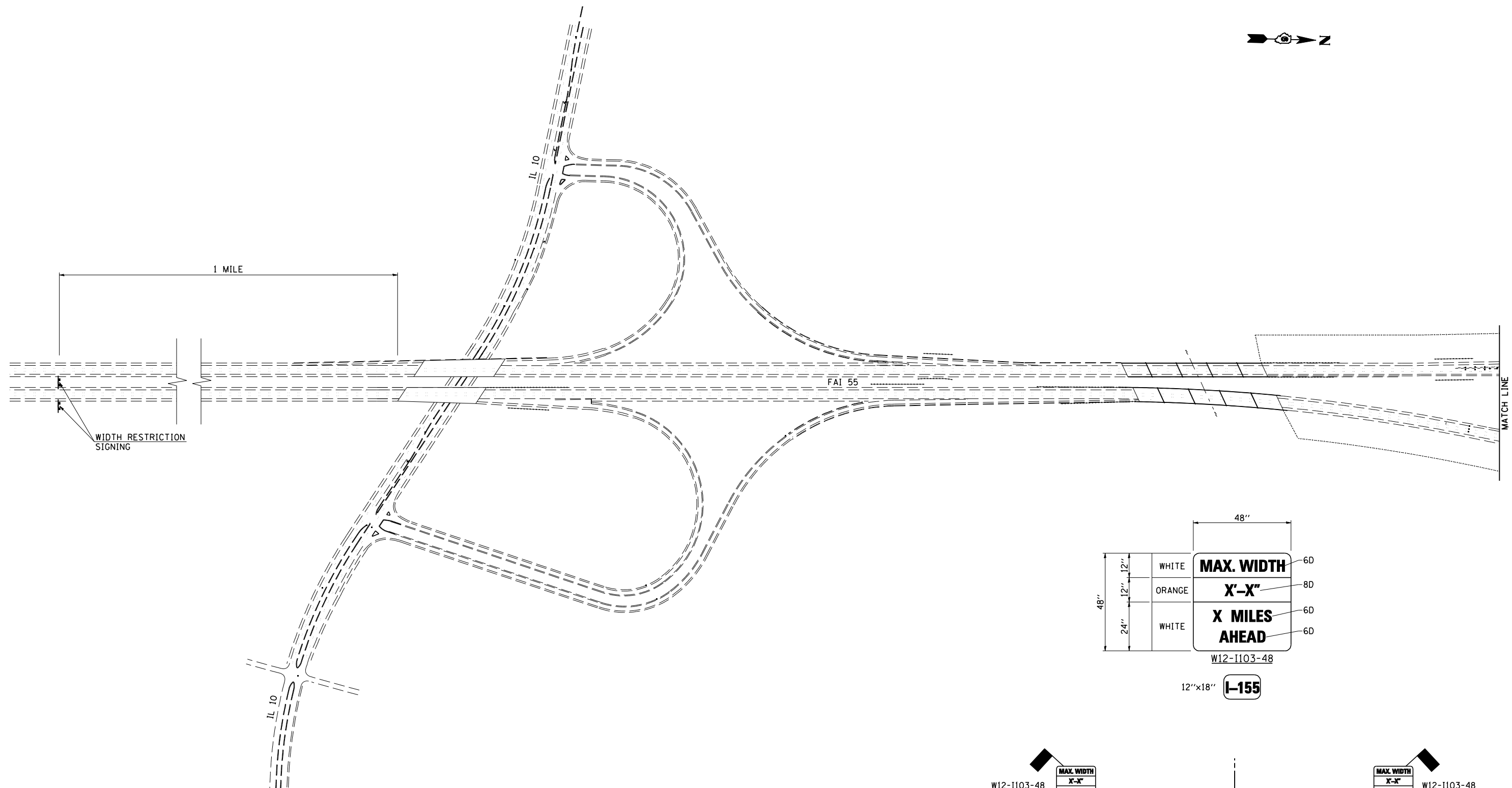
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**MAINTENANCE OF TRAFFIC PLAN  
CROSSOVER CLOSURE DETAIL**

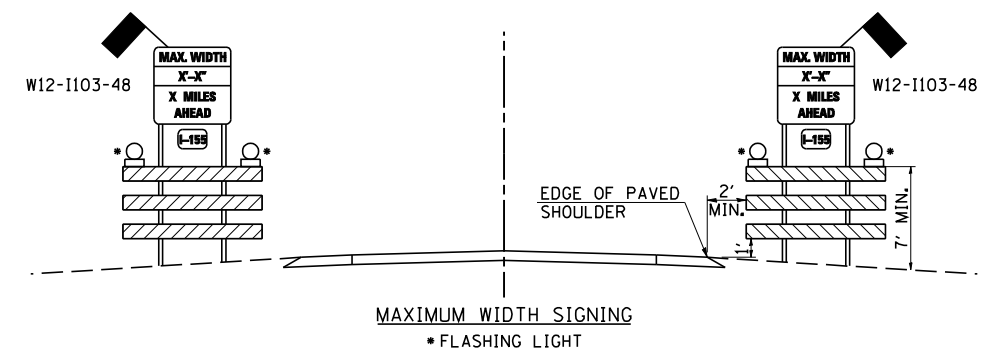
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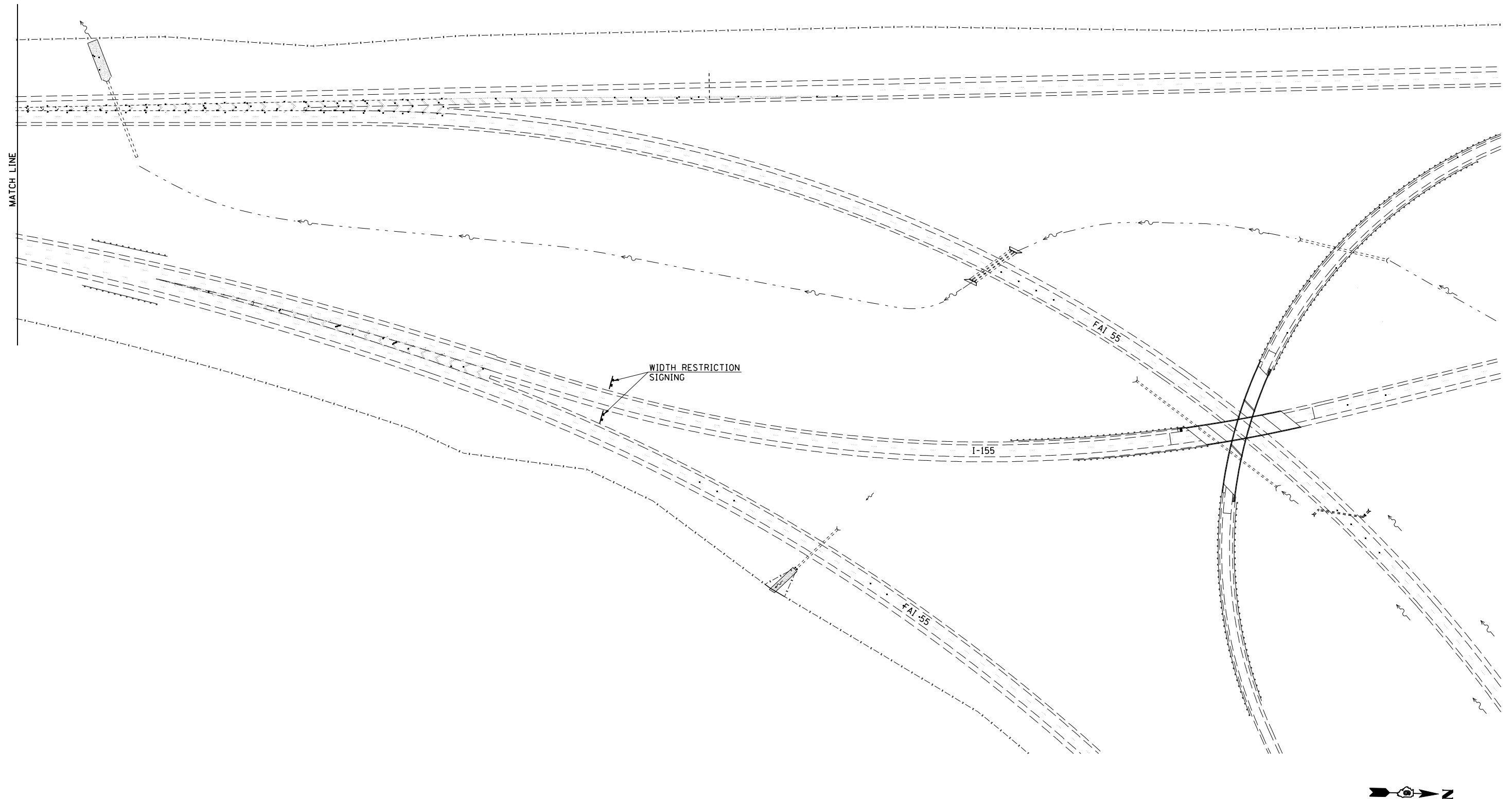
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	D6 LOGAN CO BR 2011	LOGAN	224	90
FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT	

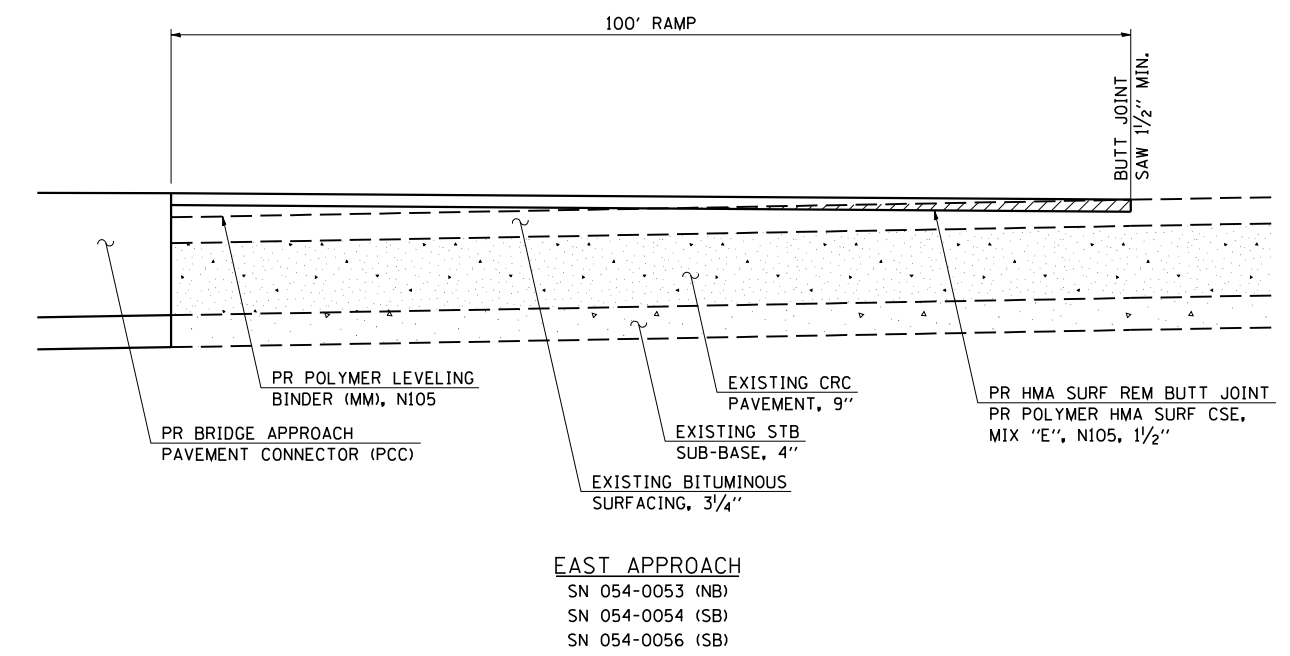
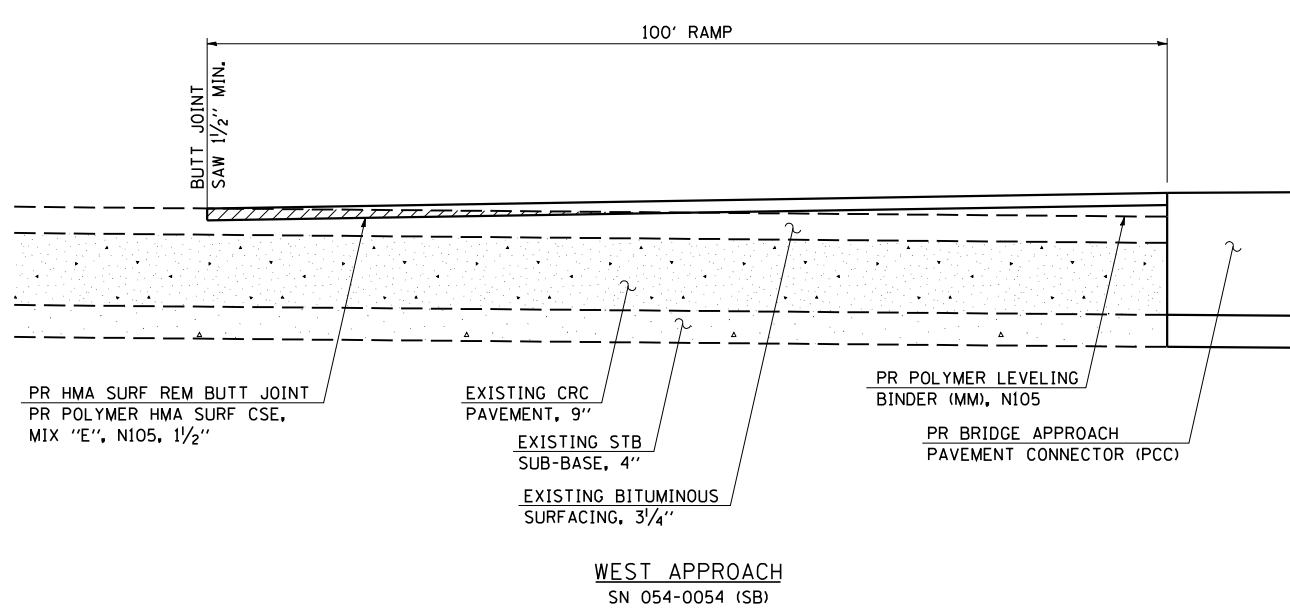
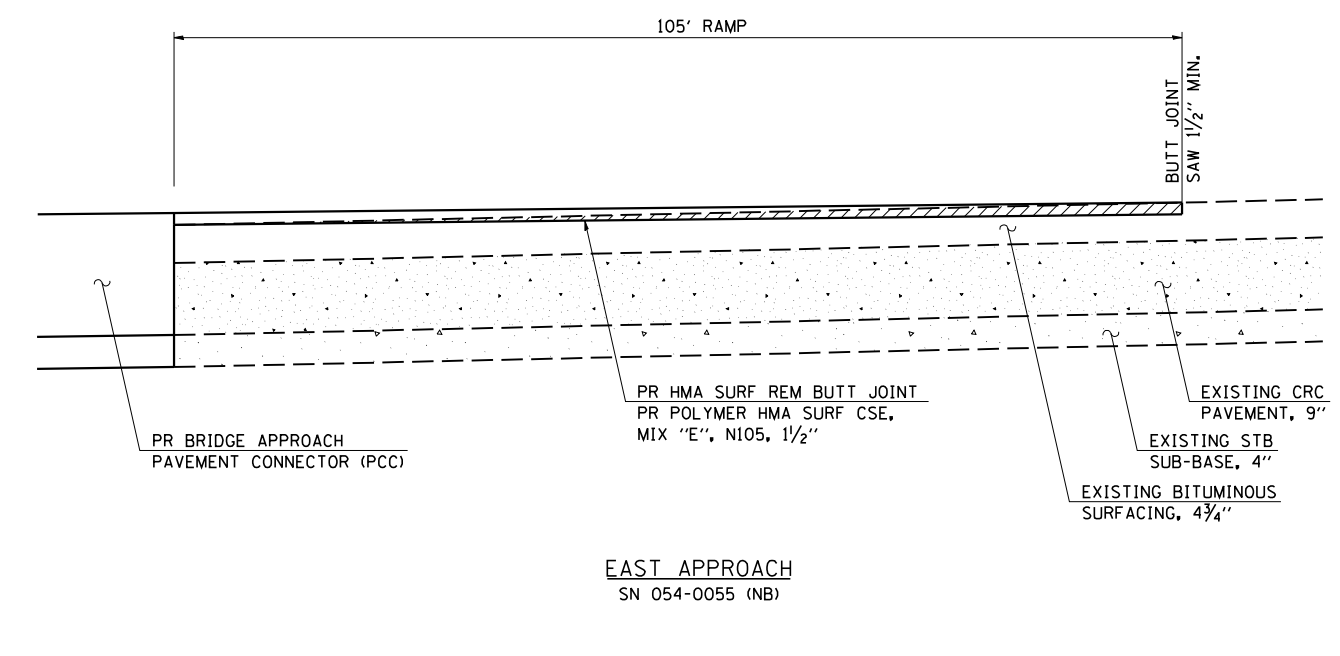
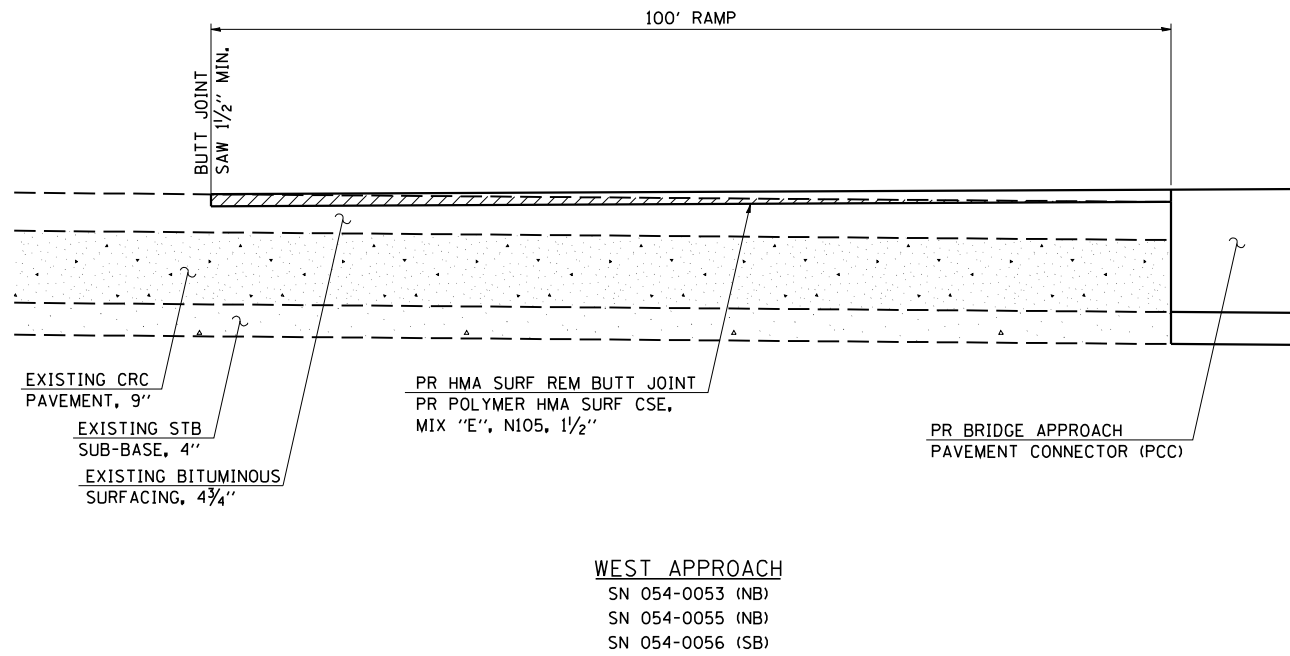
CONTRACT NO. 72E10



W12-I103-48  
12"x18" **I-155**







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FILE NAME = D672E10-shr-buttjoint.dgn  
PLOT SCALE = 2.0000' / IN.  
PLOT DATE = 9/8/2011

DESIGNED - NAK  
DRAWN - TJD  
CHECKED - NAK  
DATE - 8/12/2011

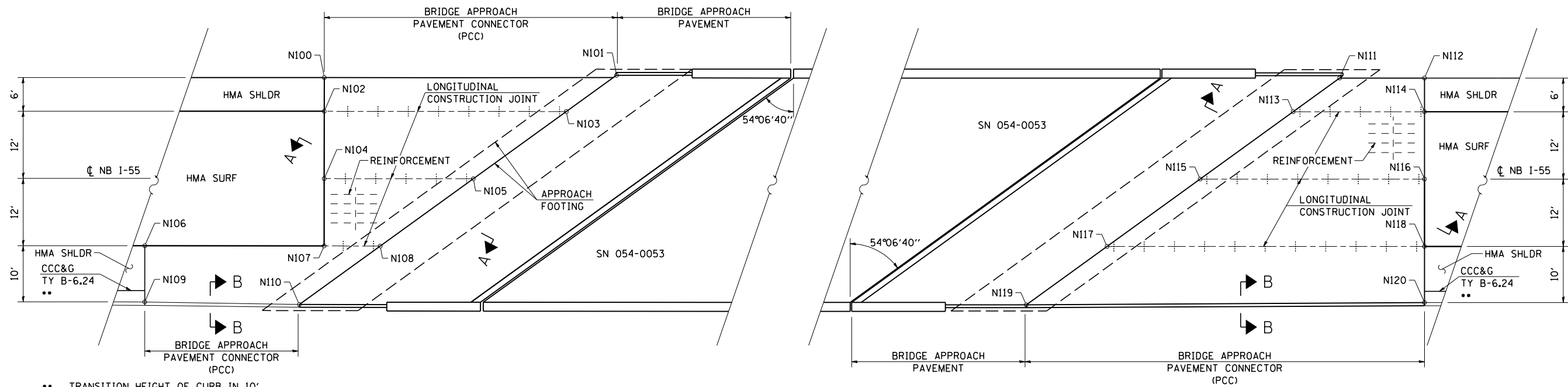
REVISED -  
REVISED -  
REVISED -  
REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**BUTT JOINT DETAILS  
SN 054-0053 (NB) & SN 054-0054 (SB)**

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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CONTRACT NO. 72E10				
FED. ROAD DIST. NO.   ILLINOIS FED. AID PROJECT				



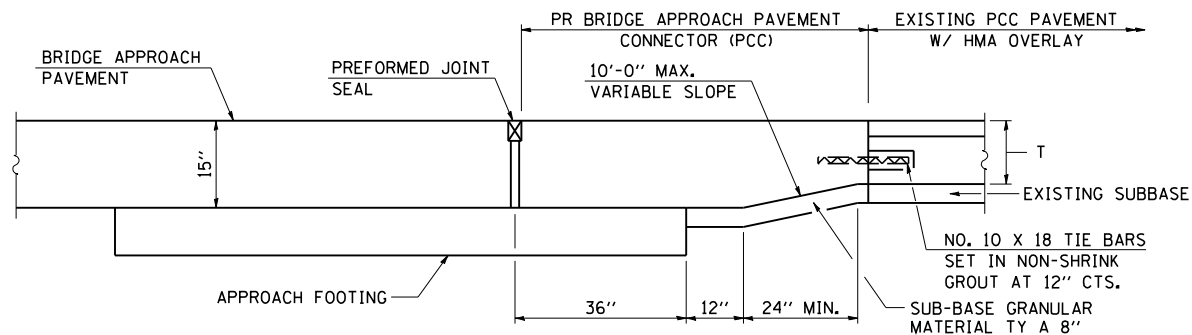
•• TRANSITION HEIGHT OF CURB IN 10' TO MATCH BRIDGE APPROACH PAVEMENT CONNECTOR (PCC) CURB

**NB I-55  
BRIDGE APPROACH PAVEMENT  
CONNECTOR (PCC)**

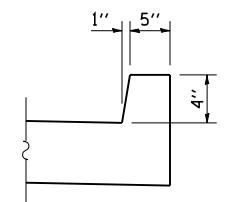
POINT	STA	OFFSET	ELEV
N100	533+29.96	38.00	596.40
N101	533+81.42	38.00	596.83
N102	533+29.96	44.00	596.65
N103	533+73.13	44.00	597.01
N104	533+29.96	56.00	596.84
N105	533+56.55	56.00	597.07
N106	532+97.99	68.00	596.36
N107	533+29.96	68.00	596.65
N108	533+39.97	68.00	596.74
* N109	532+97.99	78.00	595.94
* N110	533+25.57	78.42	596.19

POINT	STA	OFFSET	ELEV
N111	540+20.70	38.00	596.85
N112	540+35.82	38.00	596.74
N113	540+12.41	44.00	597.17
N114	540+35.82	44.00	596.99
N115	539+95.82	56.00	597.48
N116	540+35.82	56.00	597.18
N117	539+79.24	68.00	597.40
N118	540+35.82	68.00	596.99
* N119	539+64.85	78.42	597.06
* N120	540+35.82	78.00	596.57

\* POINT IS AT FACE OF CURB



**SECTION A-A  
(DIMENSIONS AT RT ANGLES)**



**SECTION B-B**

**GENERAL NOTES**

- THICKNESS-"T"=THICKNESS OF PAVEMENT.
- SEE STANDARD 421001 FOR REINFORCEMENT DETAILS NOT SHOWN.
- SEE STANDARD 420001 FOR JOINT DETAILS NOT SHOWN.
- SEE PLANS FOR DETAILS OF BRIDGE APPROACH, APPROACH FOOTING AND PREFORMED JOINT SEAL.
- ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE SHOWN.
- REINFORCEMENT BARS AND TIE BARS WILL NOT BE PAID FOR SEPERATELY BUT SHALL BE INCLUDED IN THE COST FOR BRIDGE APPROACH PAVEMENT CONNECTOR (PCC).
- REINFORCEMENT BARS SHALL BE EPOXY COATED.
- SHOULDER AREAS OF THE BRIDGE APPROACH PAVEMENT CONNECTOR (PCC) SHALL BE REINFORCED AS DETAILED ON STANDARD 421001.

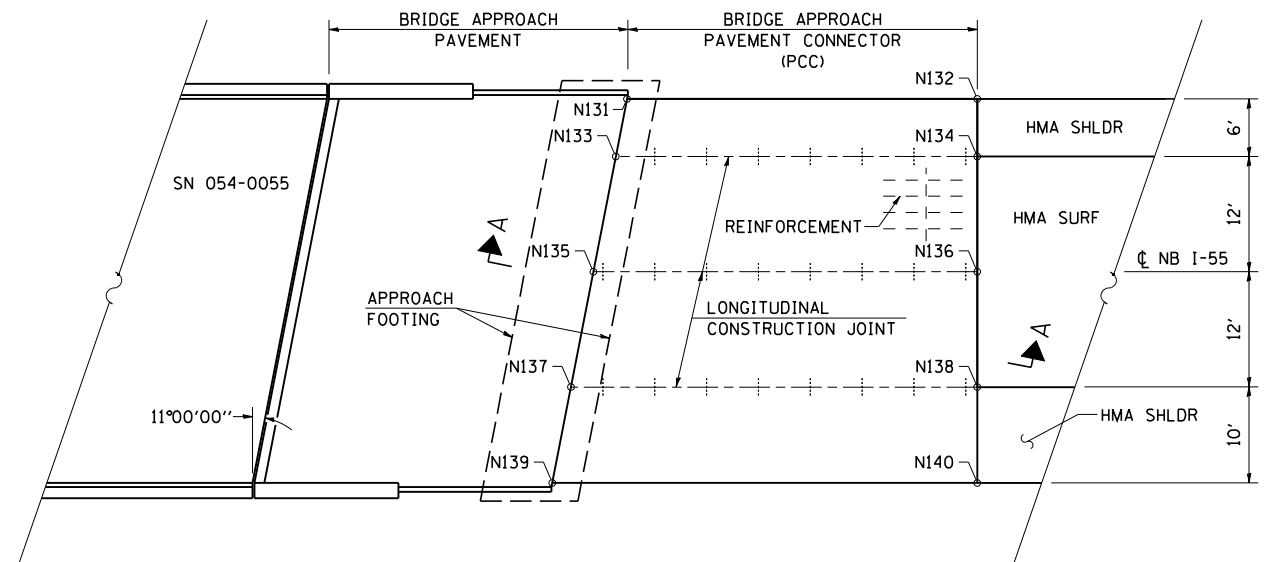
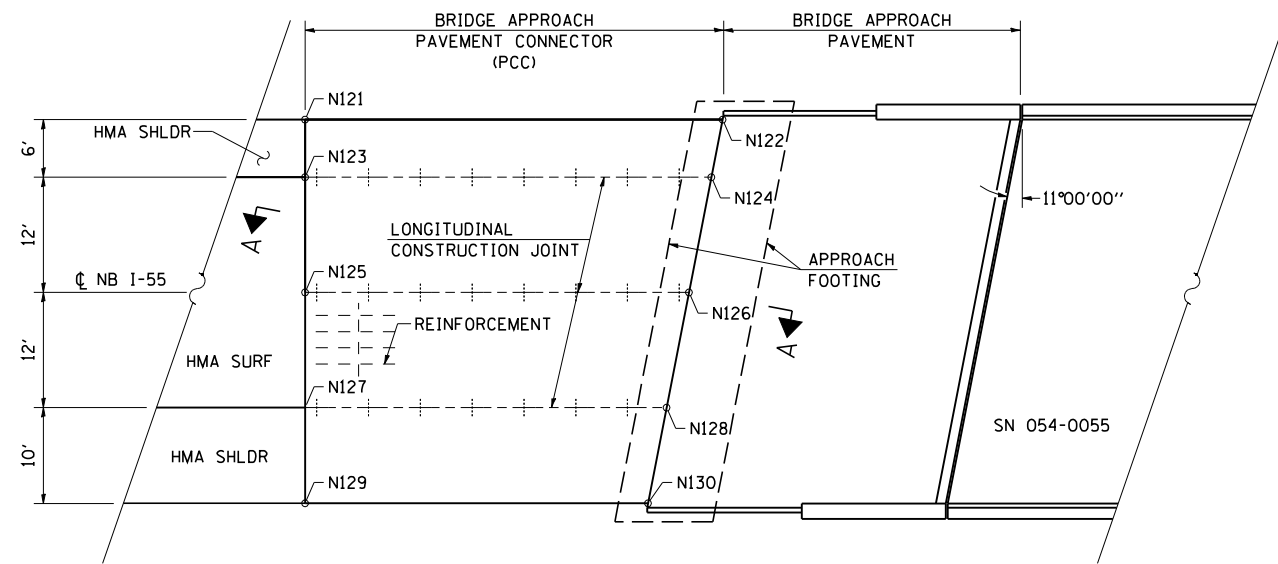


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PLOT SCALE = 20.0000' / IN.	CHECKED - NAK	REVISED -
PLOT DATE = 9/8/2011	DATE - 8/12/2011	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>BRIDGE APPROACH PAVEMENT CONNECTOR (PCC)</b>	
SCALE:	SHEET NO. 1 OF 4 SHEETS
STA.	TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	D6 LOGAN CO BR 2011	LOGAN	224	94
FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT	
			CONTRACT NO. 72E10	



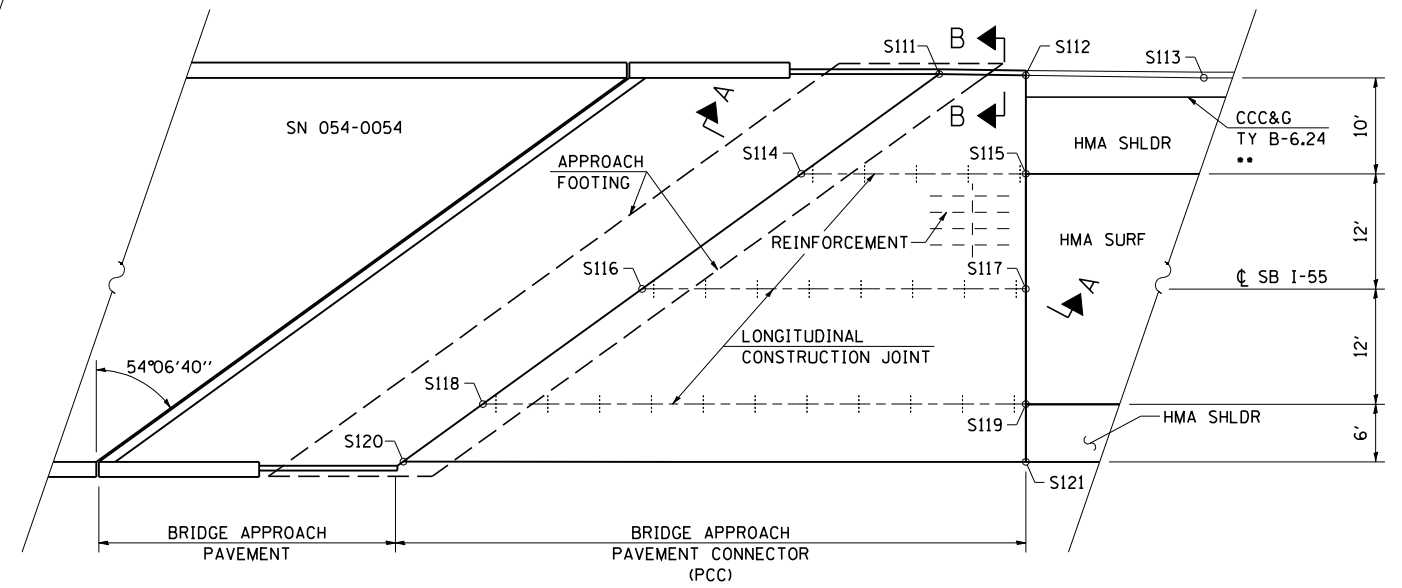
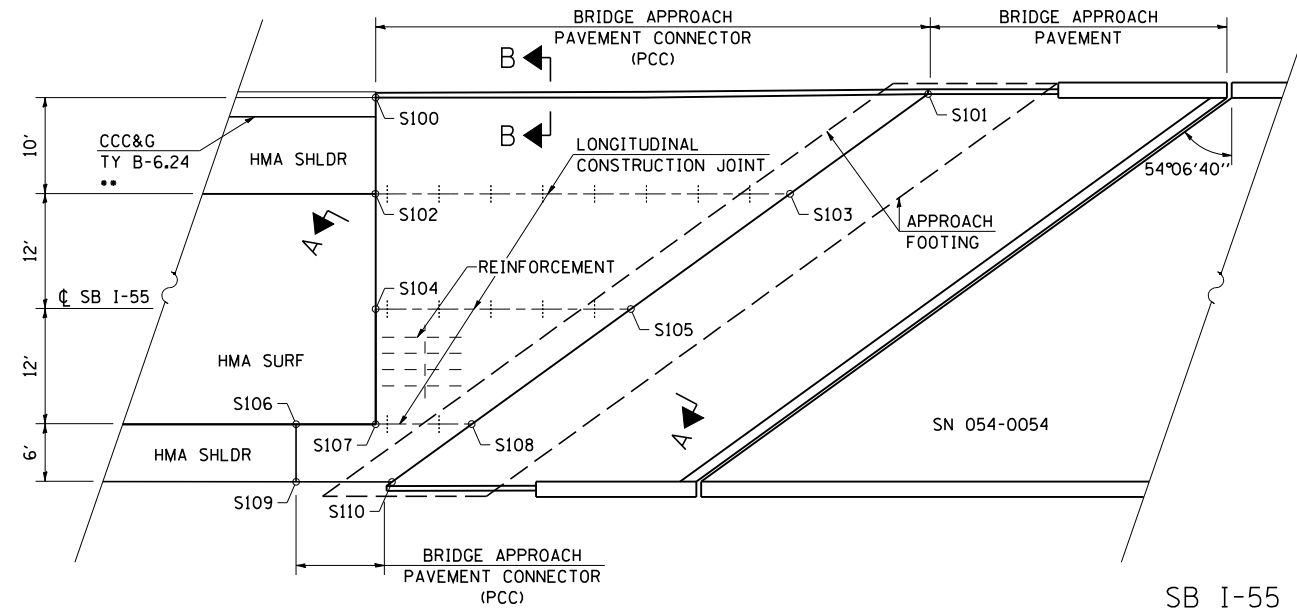
NB I-55  
BRIDGE APPROACH PAVEMENT  
CONNECTOR (PCC)

POINT	STA	OFFSET	ELEV
N121	554+83.64	38.00	574.33
N122	555+27.14	38.00	574.14
N123	554+83.64	44.00	574.58
N124	555+25.97	44.00	574.40
N125	554+83.64	56.00	574.77
N126	555+23.64	56.00	574.60
N127	554+83.64	68.00	574.58
N128	555+21.30	68.00	574.41
N129	554+83.64	78.00	574.16
N130	555+19.36	78.00	574.00

POINT	STA	OFFSET	ELEV
N131	561+97.37	38.00	574.73
N132	562+33.87	38.00	575.12
N133	561+96.20	44.00	574.97
N134	562+33.87	44.00	575.37
N135	561+93.87	56.00	575.13
N136	562+33.87	56.00	575.56
N137	561+91.54	68.00	574.92
N138	562+33.87	68.00	575.37
N139	561+89.59	78.00	574.48
N140	562+33.87	78.00	574.95

**GENERAL NOTES**

- THICKNESS-"T"=THICKNESS OF PAVEMENT.
- SEE STANDARD 421001 FOR REINFORCEMENT DETAILS NOT SHOWN.
- SEE STANDARD 420001 FOR JOINT DETAILS NOT SHOWN.
- SEE PLANS FOR DETAILS OF BRIDGE APPROACH, APPROACH FOOTING AND PREFORMED JOINT SEAL.
- ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE SHOWN.
- REINFORCEMENT BARS AND TIE BARS WILL NOT BE PAID FOR SEPERATELY BUT SHALL BE INCLUDED IN THE COST FOR BRIDGE APPROACH PAVEMENT CONNECTOR (PCC).
- REINFORCEMENT BARS SHALL BE EPOXY COATED.
- SHOULDER AREAS OF THE BRIDGE APPROACH PAVEMENT CONNECTOR (PCC) SHALL BE REINFORCED AS DETAILED ON STANDARD 421001.
- SEE SHEET 1 OF 4 FOR SECTION A-A.



**SB I-55  
BRIDGE APPROACH PAVEMENT  
CONNECTOR (PCC)**

\*\* TRANSITION HEIGHT OF CURB IN 10'  
TO MATCH BRIDGE APPROACH  
PAVEMENT CONNECTOR (PCC) CURB

POINT	STA	OFFSET	ELEV
* S100	534+84.73	78.00	597.47
* S101	535+42.29	78.42	597.73
S102	534+84.73	68.00	597.89
S103	535+27.93	68.00	598.10
S104	534+84.73	56.00	598.08
S105	535+11.34	56.00	598.21
S106	534+76.44	44.00	597.84
S107	534+84.73	44.00	597.89
S108	534+94.76	44.00	597.94
S109	534+76.44	38.00	597.59
S110	534+86.44	38.00	597.65

\* POINT IS AT FACE OF CURB

POINT	STA	OFFSET	ELEV
* S111	541+81.59	78.42	595.34
* S112	541+90.61	78.26	595.24
* S113	542+09.17	78.00	595.03
S114	541+67.22	68.00	595.94
S115	541+90.61	68.00	595.67
S116	541+50.63	56.00	596.31
S117	541+90.61	56.00	595.86
S118	541+34.05	44.00	596.29
S119	541+90.61	44.00	595.67
S120	541+25.76	38.00	596.13
S121	541+90.61	38.00	595.42

\* POINT IS AT FACE OF CURB

**GENERAL NOTES**

THICKNESS-"T"=THICKNESS OF PAVEMENT.

SEE STANDARD 421001 FOR REINFORCEMENT  
DETAILS NOT SHOWN.

SEE STANDARD 420001 FOR JOINT DETAILS  
NOT SHOWN.

SEE PLANS FOR DETAILS OF BRIDGE APPROACH,  
APPROACH FOOTING AND PREFORMED JOINT  
SEAL.

ALL DIMENSIONS ARE IN INCHES UNLESS  
OTHERWISE SHOWN.

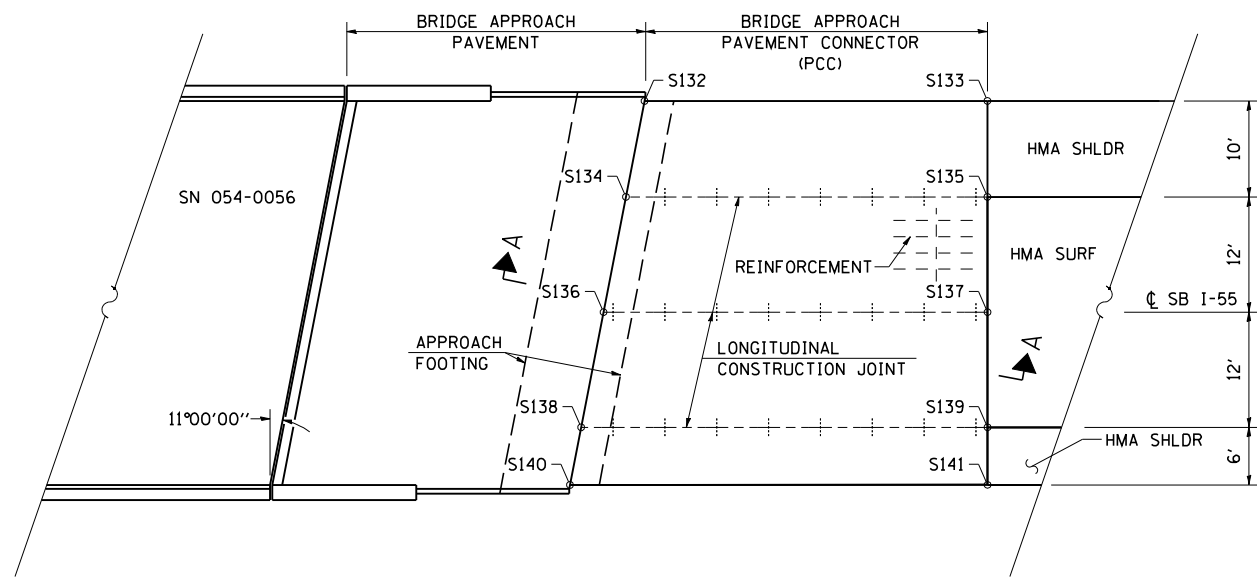
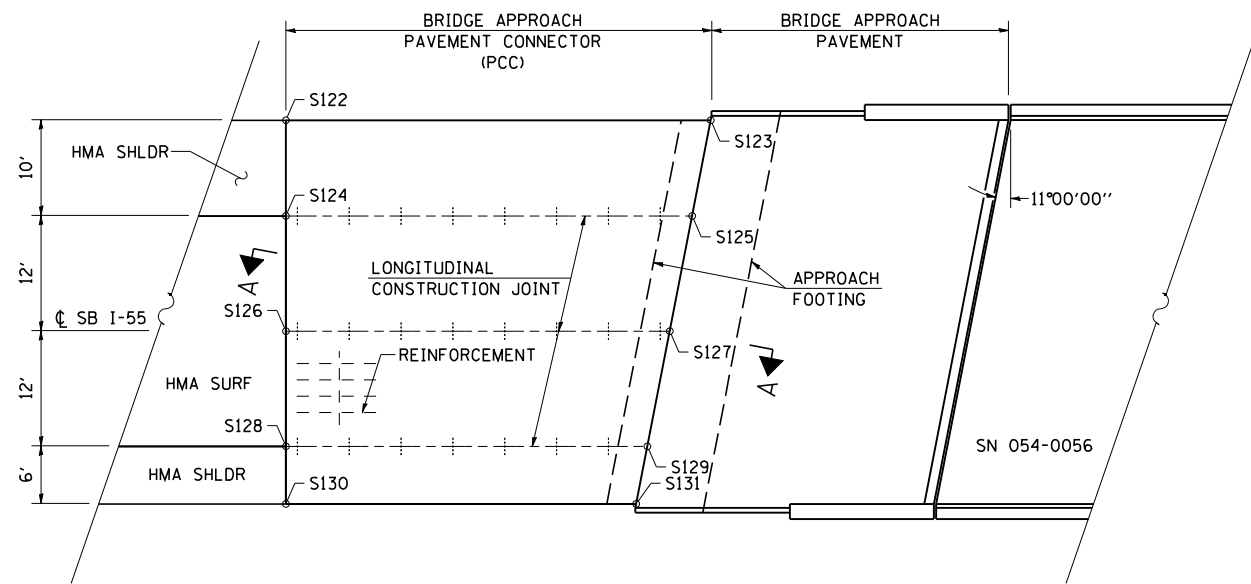
REINFORCEMENT BARS AND TIE BARS WILL NOT  
BE PAID FOR SEPERATELY BUT SHALL BE INCLUDED  
IN THE COST FOR BRIDGE APPROACH PAVEMENT  
CONNECTOR (PCC).

REINFORCEMENT BARS SHALL BE EPOXY COATED.

SHOULDER AREAS OF THE BRIDGE APPROACH  
PAVEMENT CONNECTOR (PCC) SHALL BE REINFORCED  
AS DETAILED ON STANDARD 421001.

SEE SHEET 1 OF 4 FOR SECTION A-A AND SECTION B-B.





**SB I-55  
BRIDGE APPROACH PAVEMENT  
CONNECTOR (PCC)**

POINT	STA	OFFSET	ELEV
S122	555+05.40	78.00	574.06
S123	555+49.68	78.00	573.89
S124	555+05.40	68.00	574.48
S125	555+47.74	68.00	574.32
S126	555+05.40	56.00	574.67
S127	555+45.40	56.00	574.51
S128	555+05.40	44.00	574.48
S129	555+43.07	44.00	574.33
S130	555+05.40	38.00	574.23
S131	555+41.90	38.00	574.08

POINT	STA	OFFSET	ELEV
S132	562+19.91	78.00	575.08
S133	562+55.63	78.00	575.53
S134	562+17.97	68.00	575.48
S135	562+55.63	68.00	575.95
S136	562+15.63	56.00	575.64
S137	562+55.63	56.00	576.14
S138	562+13.30	44.00	575.42
S139	562+55.63	44.00	575.95
S140	562+12.13	38.00	575.16
S141	562+55.63	38.00	575.70

**GENERAL NOTES**

THICKNESS-"T"=THICKNESS OF PAVEMENT.

SEE STANDARD 421001 FOR REINFORCEMENT DETAILS NOT SHOWN.

SEE STANDARD 420001 FOR JOINT DETAILS NOT SHOWN.

SEE PLANS FOR DETAILS OF BRIDGE APPROACH, APPROACH FOOTING AND PREFORMED JOINT SEAL.

ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE SHOWN.

REINFORCEMENT BARS AND TIE BARS WILL NOT BE PAID FOR SEPERATELY BUT SHALL BE INCLUDED IN THE COST FOR BRIDGE APPROACH PAVEMENT CONNECTOR (PCC).

REINFORCEMENT BARS SHALL BE EPOXY COATED.

SHOULDER AREAS OF THE BRIDGE APPROACH PAVEMENT CONNECTOR (PCC) SHALL BE REINFORCED AS DETAILED ON STANDARD 421001.

SEE SHEET 1 OF 4 FOR SECTION A-A.

STORM WATER POLLUTION PREVENTION PLAN

Route: FAI 55 Marked: I-55  
 Section: D6 LOGAN CO BR 2011 Project No.:  
 County: LOGAN Contract No.: 72E10

This plan has been prepared to comply with the provision of the NPDES Permit Number ILR10 \_\_\_\_\_ issued by the Illinois Environmental Protection Agency for storm water discharges from construction site activities.

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information submitted, is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Regan J. Daulton (Signature) 8-12-11 (Date)  
Regan J. Daulton (Title)

Note: The above boxed in area will be filled out by IDOT - Construction after the award of the contract to obtain the required NPDES permit.

The following plan was established and included in these plans to direct the Contractor in the placement of temporary erosion control systems and to provide a storm water pollution prevention plan for compliance under NPDES. The Contractor shall abide to all requirements within this plan as part of the contract.

The purpose of this plan is to prevent / minimize siltation within the construction zone and to eliminate sediments from entering and leaving the construction zone by utilizing proper temporary erosion control systems and providing ground cover within a reasonable time.

Certain items, as shown in this plan and referenced by the legend, shall be placed by the Contractor at the beginning of construction. Other items shall be placed by the Contractor as directed by the Engineer on a case by case situation resulting from the Contractor's sequence of activities, time of the year, and expected weather conditions.

The Contractor shall place permanent erosion control systems and seeding within a reasonable amount of time; therefore, reducing the amount of area being open to the possibility of erosion and reducing the amount of temporary erosion control systems and temporary seeding. The Resident Engineer will determine if temporary erosion control systems shown in the plan can be deleted, the size of the proposed ditch checks, the proper method of installation, and if any additional temporary erosion control systems shall be added which are not included in this plan. The Contractor shall perform all work as directed by the Engineer and as shown in special details and in Standard 280001 of the plans.

The special provisions Temporary Seeding, Temporary Erosion Control Seeding, and Temporary Erosion Control additionally supplement this plan.

All disturbed areas having high potential for erosion, as determined by the Engineer, shall be temporarily seeded or permanently seeded by October 1st of each construction year and shall not be reopened until after the winter shutdown period.

SITE DESCRIPTION

Description of Construction Activity:

1. The project consists of rehabilitating 8 structures.
2. Construction consists of grading, constructing crossover pavement, drainage structures and other miscellaneous work to complete improvements to the proposed roadways.

Description of Intended Sequence of Major Construction Activities Which Will Disturb Earth and Lead to Possible Erosion for Major Portions of the Construction Site:

1. Earthwork and construction of drainage structures at crossovers.
2. Placement of riprap at SN 054-0053, 0054, 0055 and 0056.
3. Placement, maintenance, removal and proper clean-up of temporary erosion control, such as erosion control fence, temporary ditch checks, inlet and pipe protection, and temporary seeding.

Area of Construction Site:

The total area of the construction site is estimated to be approx. 47.5 acres in which 2.28 acres will be disturbed by excavation, grading or other activities.

Drainage Tributaries Receiving Water from this Construction Site:

KICKAPOO CREEK

<b>CEC</b> Cummins Engineering Corporation <small>Civil and Structural Engineering</small>	JOB = 2236.9	DESIGNED -	REVISED - AUG 2007 (JCN)	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	FAI ROUTE 55 STORM WATER POLLUTION PREVENTION PLAN			F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	FILE NAME = D672E10-st-ero.dgn	DRAWN - CADD	REVISED -		55	D6 LOGAN CO BR 2011	LOGAN	224	98			
	PLOT SCALE = 1/8" = 1' IN.	CHECKED - JCN	REVISED -		CONTRACT NO. 72E10							
	PLOT DATE = 8/11/2011	DATE - 8/12/2011	REVISED -		SCALE:	SHEET NO.	OF SHEETS	STA.	TO STA.	FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT	

**CONTROLS - EROSION CONTROLS AND SEDIMENT CONTROLS**

**Description of Stabilization Practices at the Beginning of Construction:**

1. The area between the existing and proposed right-of-way/temporary easement boundaries and limits of the project will be improved and managed for the purposes of controlling erosion within the area, reducing water flow by temporary diversion and minimizing siltation into the construction zone, and establishing vegetative cover which will become permanent vegetation and act as an erosion barrier. Work at the beginning of construction will consist of the following:
  - (a) Areas of existing vegetation (woods and grasslands) outside the proposed construction slope limits shall be identified for preserving and shall be protected from mowing, brush cutting, tree removal and other activities which would be detrimental to their maintenance and development.
  - (b) Dead, diseased, or unsuitable vegetation within the site shall be removed as directed by the Engineer, along with required tree removal.
  - (c) As soon as reasonable access is available (such as trees cleared) to all locations where water drains away from the project, sediment basins, riprap ditch checks, temporary ditch checks, and/or erosion control fence shall be installed as called out in this plan and directed by the Engineer.
  - (d) Bare and sparsely vegetated ground in highly erodible areas as determined by the Engineer shall be temporarily seeded at the beginning of construction where no construction activities are immediately expected as stated in the special provision "Temporary Erosion Control Seeding".
  - (e) Immediately after tree removal is completed in certain areas which are highly erodible areas as determined by the Engineer, the areas shall be temporarily seeded where no construction activities are immediately expected as stated in the special provision "Temporary Erosion Control Seeding".
  - (f) At locations where a significant amount of water drains into the construction zone from outside areas (adjacent landowners), erosion control fence, temporary ditch checks, or riprap ditch checks will be utilized to locally divert water, reduce flow rates, and collect outside siltation inside the right-of-way line. Erosion control items will not be allowed to be installed to cause flooding to upstream private property which could cause crop damages or other undesirable conditions.
2. Establishment of these temporary erosion control measures will have additional benefits to the project. Desirable grass seed will become established in these areas and will spread seeds onto the construction site until permanent seeding/mowing and overseeding can be complete.
3. A third benefit of these filter areas is that they will begin to provide a screen and buffer. They will help protect the construction site from winds and excess sun and mitigate construction noise and dust.

**Description of Stabilization Practices During Construction:**

1. During roadway construction, areas outside the construction slope limits as outlined previous herein shall be protected from damaging effects of construction. The Contractor shall not use this area for staging (except as designated on the plans or directed by the Engineer), parking of vehicles or construction equipment, storage of materials, or other construction related activities.
  - (a) Within the construction zone, critical areas which have high flows of water as determined by the Engineer shall remain undisturbed until full scale construction is underway to prevent unnecessary soil erosion.
  - (b) Top soil and earth stockpiles shall be temporarily seeded if they are to remain unused for more than fourteen days.
  - (c) As the Contractor constructs a portion of roadway in a fill section, he/she shall follow the following steps as directed by the Engineer:
    - i. Place temporary erosion control systems at locations where water leaves and enters the construction zone
    - ii. Temporary seed highly erodible areas outside the construction slope limits
    - iii. Construct roadside ditches and provide temporary erosion control systems
    - iv. Temporary divert water around proposed culvert locations
    - v. Build necessary embankment at culvert locations and then excavate and place culvert
    - vi. Continue building up the embankment to the proposed grade while at the same time place permanent erosion control such as riprap ditch lining and conduct final shaping to the slopes
  - (d) The Contractor shall immediately follow major earth moving operations with final grading equipment. After the major earth spread operation has moved to a new location, final grading shall be completed within fourteen days. If grading is not completed within fourteen days, all major earth moving operations will be stopped, as directed by the Engineer, until disturbed areas are final graded and seeded.
  - (e) Excavated areas and embankments shall be permanently seeded when final graded. If not, they shall be temporarily seeded as stated in the special provision "Temporary Erosion Control Seeding".

(f) Construction equipment shall be stored and fueled only at designated locations. All necessary measures shall be taken to contain any fuel or pollution run-off in compliance with EPA water quality regulations. Leaking equipment or supplies shall be immediately repaired or removed from the site.

(g) The Resident Engineer shall inspect the project daily during activities and weekly or after large rains during the winter shutdown period. The project shall additionally be inspected by the Construction Field Engineer on a bi-weekly basis to determine that erosion control efforts are in place and effective and if other control work is necessary.

(h) Sediment collected during construction by the various temporary erosion control systems shall be disposed of on the site on a regular basis as directed by the Engineer. The cost of this maintenance will be paid for in accordance with Article 109.04 of the Standard Specifications.

(i) The temporary erosion control systems shall be removed as directed by the Engineer after use is no longer needed or no longer functioning. The costs of this removal shall be included in the unit bid price for the temporary erosion control system. No additional compensation will be allowed.

**Description of Structural Practices After Final Grading:**

1. Temporary erosion control systems shall be left in place with proper maintenance until permanent erosion control is in place and working properly and all proposed turf areas seeded and established with a proper stand.
2. Once permanent erosion control systems as proposed in the plans are functional and established, temporary items shall be removed, cleaned up, and disturbed turf reseeded. Temporary riprap ditch checks will be allowed to remain in place where approved by the Engineer.

**Maintenance after Construction:**

1. Construction is complete after acceptance is received at the final inspection.
2. Areas will be inspected on a regular basis by IDOT District 6 Bureau of Operations.
3. Maintenance crews will perform regular mowings to aid in keeping weeds down and establishing a good roadside seed stand.
4. Maintenance crews will also aid in any ditch lining maintenance or in any drainage problems.
5. All maintenance will be conducted at times when weather conditions will not cause site damage.

**DOCUMENTATION**

1. A report summarizing the scope of the inspection, name(s) and qualifications of personnel making the inspection, date(s) of the inspection, major observations relating to the implementation of this storm water pollution prevention plan, and actions taken in accordance with Section 4.b. shall be made and retained as part of the plan for at least three years after the date of inspection. The report shall be signed in accordance with part VI.G of the general permit.
2. If any violation of the provisions of this plan is identified during the conduct of the construction work covered by this plan, the Resident Engineer or Resident Technician shall complete and file an "Incident of Noncompliance (ION)" report for the identified violation. The Resident Engineer or Resident Technician shall use forms provided by the Illinois Environmental Protection Agency and shall include specific information on the noncompliance, actions which were taken to prevent any further causes of noncompliance, and a statement detailing any environmental impact which may have resulted from the noncompliance. All reports of noncompliance shall be signed by a responsible authority in accordance with Part VI.G. of the general permit. The report of noncompliance shall be mailed to the following address:

Illinois Environmental Protection Agency  
 Division of Water Pollution Control  
 2200 Churchill Road, P.O. Box 19276  
 Springfield, IL 62794-9276  
 Attn: Compliance Assurance Section

	JOB = 2236.9	DESIGNED -	REVISED - AUG 2007 (JCN)	<b>STATE OF ILLINOIS                  DEPARTMENT OF TRANSPORTATION</b>	<b>FAI ROUTE 55                  STORM WATER POLLUTION PREVENTION PLAN</b>				F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	FILE NAME = D672E10-shr-erov.dgn	DRAWN - CADD	REVISED -		55	D6 LOGAN CO BR 2011	LOGAN	224	99				
	PLOT SCALE = 1/8" = 1' IN.	CHECKED - JCN	REVISED -		CONTRACT NO. 72E10								
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CONTRACTOR CERTIFICATION STATEMENT

This certification statement is part of the Storm Water Pollution Plan for the project described below in accordance with NPDES Permit No. ILR10 \_\_\_\_\_, issued by the Illinois Environmental Protection Agency on \_\_\_\_\_.

Route: FAI 55 Marked: I-55  
 Section: D6 LOGAN CO BR 2011 Project No.: \_\_\_\_\_  
 County: LOGAN Contract No.: 72E10

I certify under penalty of law that I understand the terms of the general National Pollutant Discharge Elimination System (NPDES) permit that authorizes the storm water discharges associated with industrial activity from the construction site identified as part of this certification.

Signature \_\_\_\_\_ Date \_\_\_\_\_  
 Title \_\_\_\_\_  
 Name of Firm \_\_\_\_\_  
 Street Address \_\_\_\_\_  
 City, State, Zip \_\_\_\_\_  
 Phone Number \_\_\_\_\_

Note: The above boxed in area shall be filled out by the Contractor after the award of the contract to obtain the required NPDES Permit from IEPA. This is a requirement for this contract.



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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>FAI ROUTE 55 STORM WATER POLLUTION PREVENTION PLAN</b>			
SCALE:	SHEET NO.	OF SHEETS	STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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