08-01-14 LETTING ITEM 099

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
70	(26-5,26-5-1,25-1-1)R	*	92	1
	ILLINOIS	CONTRACT NO. 74469		

* EFFINGHAM & FAYETTE

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

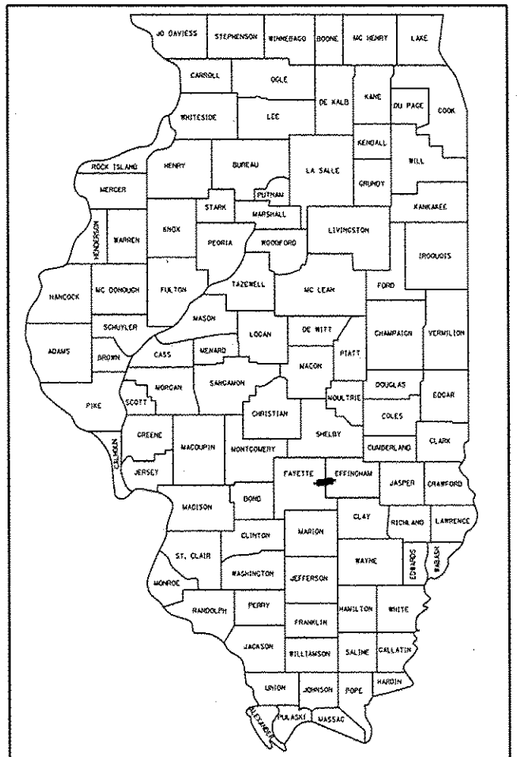
PROPOSED
HIGHWAY PLANS

F.A.I. ROUTE 70 (I - 70)
SECTION (26–5,26–5–1,25–1–1)R

RUBBLIZATION–OVERLAY
EFFINGHAM & FAYETTE COUNTIES

C–97–111–10

D–97–052–10



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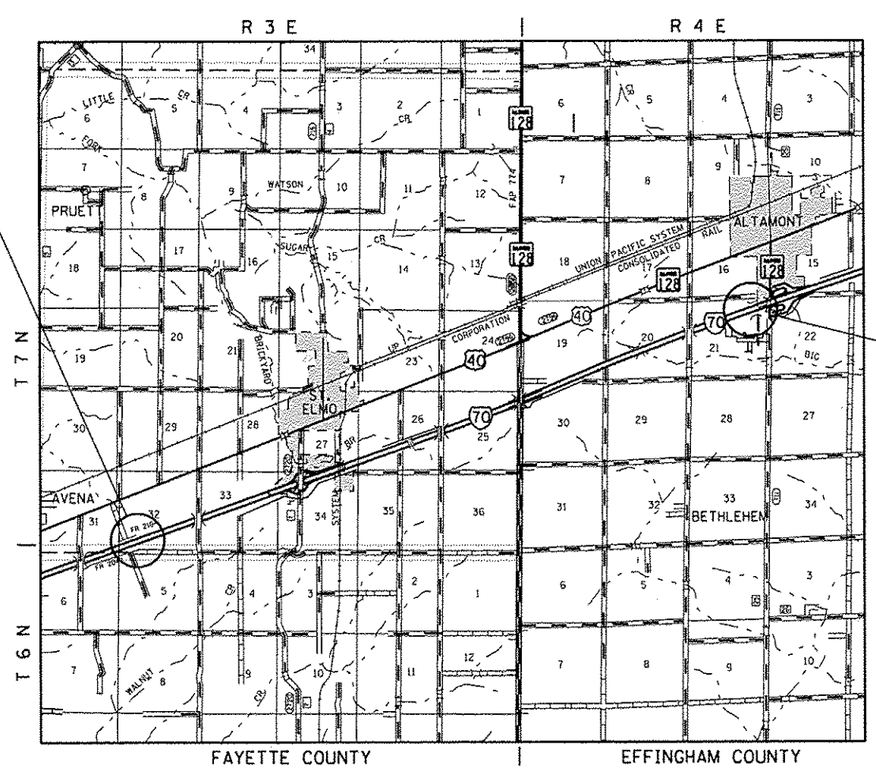

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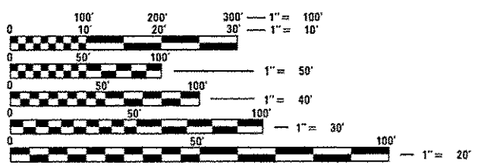
FAI ROUTE 70
SECTION (26–5,26–5–1,25–1–1)R
BEGINS STATION 1043 + 44
FAYETTE COUNTY

FAI ROUTE 70
SECTION (26–5,26–5–1,25–1–1)R
ENDS STATION 1524 + 03
EFFINGHAM COUNTY

STATION EQUATION:
STA. 1418 + 38.64 (BK) = STA. 1418 + 38.81 (AH)
STA. 1462 + 63.50 (BK) = STA. 1521 + 78.59 (AH)

BRIDGE OMISSION:
EB STA. 1170 + 70 TO STA. 1173 + 20
WB STA. 1171 + 05 TO STA. 1173 + 50

ADT = 20,800 (2010)



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: TOM RONAN
PROJECT MANAGER: JENNIFER SHULL
PHONE: (217)–342–8361

CONTRACT NO. 74469

GROSS LENGTH = 42,160.70 FT. = 7.98 MILES
NET LENGTH = 41,915.70 FT. = 7.94 MILES

FOR INDEX OF SHEETS, SEE SHEET NO. 2

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

SUBMITTED June 5 20 14
Roger L Driskell for
DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER
June 27 20 14
John D. Baranzelli, P.E. for
acting ENGINEER OF DESIGN AND ENVIRONMENT
June 27 20 14
Omer Osman, P.E. for
DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

PRINTED BY THE AUTHORITY OF THE STATE OF ILLINOIS

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13	MEDIAN CROSSOVER, GUARD POST DETAIL, AND BENCHMARKS
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15-30	SCHEDULE OF QUANTITIES
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49-58	PAVEMENT REMOVAL TRAFFIC CONTROL
59-60	STAGE CONSTRUCTION - SN 026-0055
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92	OUTLET PROTECTOR DETAILS

THE FOLLOWING STANDARDS ARE A PART OF THESE PLANS AND ARE INCLUDED FOLLOWING THE LAST NUMBERED SHEET OF THE PLANS.

STD. NO.	DESCRIPTION
000001-06	STANDARD SYMBOLS, ABBREVIATIONS, AND PATTERNS
001001-02	AREAS OF REINFORCEMENT BARS
001006	DECIMAL OF AN INCH AND OF A FOOT
420401-10	BRIDGE APPROACH PAVEMENT CONNECTOR
442001-04	CLASS A PATCHES
442101-07	CLASS B PATCHES
515001-03	NAME PLATE FOR BRIDGES
601001-04	SUB-SURFACE DRAINS
601101-01	CONCRETE HEADWALL FOR PIPE DRAINS
630001-10	STEEL PLATE BEAM GUARDRAIL
631031-12	TRAFFIC BARRIER TERMINAL, TYPE 6
631032-08	TRAFFIC BARRIER TERMINAL, TYPE 6A
631033-05	TRAFFIC BARRIER TERMINAL, TYPE 6B
635001-01	DELINEATORS
635006-03	REFLECTOR AND TERMINAL MARKER PLACEMENT
635011-02	REFLECTOR MARKER AND MOUNTING DETAILS
642001-02	SHOULDER RUMBLE STRIPS, 16 IN
665001-02	WOVEN WIRE FENCE
701006-05	OFF-RD OPEDRATIONS, 2L, 2W, 15' TO 24" FROM PAVEMENT EDGE
701101-04	OFF-ROAD OPERATIONS, MULTILANE, 15' TO 24" FROM PAVEMENT EDGE
701106-02	OFF-RD OPERATIONS, MULTILANE, MORE THAN 15' AWAY
701201-04	LANE CLOSURE, 2L, 2W, DAY ONLY, FOR SPEEDS >= 45 MPH
701311-03	LANE CLOSURE 2L, 2W, MOVING OPERATIONS - DAY ONLY
701321-13	LANE CLOSURE 2L, 2W, BRIDGE REPAIR WITH BARRIER
701326-04	LANE CLOSURE, 2L, 2W, PAVEMENT WIDENING, FOR SPEEDS >= 45 MPH
701400-07	APPROACH TO LANE CLOSURE, FREEWAY/EXPRESSWAY
701401-08	LANE CLOSURE, FREEWAY/EXPRESSWAY
701402-09	LANE CLOSURE, FREEWAY/EXPRESSWAY, WITH BARRIER
701406-08	LANE CLOSURE, FREEWAY/EXPRESSWAY, DAY OPERATIONS ONLY
701411-08	LANE CLOSURE, MULTILANE, AT ENTRANCE OR EXIT RAMP, FOR SPEEDS >= 45 MPH
701426-06	LANE CLOSURE, MULTILANE, INTERMITTENT OR MOVING OPERATION, FOR SPEEDS >= 45 MPH
701456-03	PARTIAL EXIT RAMP CLOSURE, FREEWAY/EXPRESSWAY
701901-03	TRAFFIC CONTROL DEVICES
704001-07	TEMPORARY CONCRETE BARRIER
720011-01	METAL POSTS FOR SIGNS, MARKERS AND DELINEATORS
780001-04	TYPICAL PAVEMENT MARKINGS
781001-03	TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS

* EFFINGHAM & FAYETTE

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

INDEX OF SHEETS, HIGHWAY STANDARDS AND BENCHMARKS

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
70	126-5,26-5-1,25-1-1JR	*	92	2
		CONTRACT NO. 74469		
	ILLINOIS FED. AID PROJECT			

GENERAL NOTES

THIS SECTION SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE PLANS; THE "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION" ADOPTED JANUARY 1, 2012; AND THE SPECIAL PROVISIONS INCLUDED IN THE PROPOSAL.

THIS PROJECT IS LOCATED ON FAI ROUTE 70 (I-70) IN EFFINGHAM AND FAYETTE COUNTIES, FROM ALTAMONT TO TWO MILES WEST OF ST. ELMO. THE WORK INCLUDED IN SECTION (26-5,26-5-1,25-1-1)R CONSISTS OF A DECK REPLACEMENT ON STRUCTURE NUMBER 026-0055, HOT-MIX ASPHALT SURFACE REMOVAL, PCC PAVEMENT RUBBLIZATION, HOT-MIX ASPHALT RESURFACING, INSTALLATION OF UNDERDRAINS, AGGREGATE SHOULDERS, PAVEMENT MARKING, STEEL PLATE BEAM GUARDRAIL, AND ANY OTHER WORK NECESSARY TO COMPLETE THE SECTION.

PLAN DIMENSIONS AND DETAILS RELATIVE TO THE EXISTING STRUCTURES HAVE BEEN TAKEN FROM EXISTING PLANS AND ARE SUBJECT TO NOMINAL CONSTRUCTION VARIATIONS. IT SHALL BE THE CONTRACTORS RESPONSIBILITY TO VERIFY DIMENSIONS AND DETAILS IN THE FIELD AND MAKE NECESSARY APPROVED ADJUSTMENTS PRIOR TO CONSTRUCTION OR ORDERING OF MATERIAL. SUCH VARIATIONS SHALL NOT BE CAUSE FOR ADDITIONAL COMPENSATION FOR A CHANGE IN THE SCOPE OF THE WORK. THE CONTRACTOR WILL BE PAID FOR THE QUANTITY FURNISHED AT THE UNIT PRICE BID FOR THE WORK.

ON STRUCTURE NUMBER 026-0055 PIPE DRAINS ARE INCLUDED TO EXTEND ABUTMENT DRAINS TO TOE OF THE SLOPE. ALL WORK NECESSARY TO ATTACH THE PIPE DRAIN TO THE ABUTMENT DRAIN PIPE, TRENCHING IN THE PIPE DRAINS, INSTALLING THE PIPE DRAIN TO THE CONCRETE HEADWALLS, AND SEEDING CLASS 2 IS INCLUDED IN THE PAY ITEM OF PIPE DRAINS 4".

PAVEMENT MARKING SHALL BE APPLIED IN ACCORDANCE WITH SECTION 780 OF THE STANDARD SPECIFICATIONS. SHORT TERM PAVEMENT MARKING SHALL BE APPLIED TO THE MILLED SURFACE. BITUMINOUS MATERIALS (PRIME COAT), HOT-MIX ASPHALT BINDER, AND HOT-MIX ASPHALT SURFACE COURSE AS SPECIFIED IN SECTION 703 OF THE STANDARD SPECIFICATIONS. TEMPORARY TAPE SHALL BE USED ON THE SURFACE COURSE AND HOT-MIX ASPHALT SHOULDERS. PAINT SHALL BE USED ON MILLED SURFACES.

THE TOTAL QUANTITY OF THERMOPLASTIC PAVEMENT MARKING - LINE 4" CONSISTS OF 89578 FEET OF YELLOW AND 88936 FEET OF WHITE.

THE TOTAL QUANTITY OF PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - LINE 6" CONSISTS OF 21070 FEET OF WHITE.

THE TOTAL QUANTITY OF THERMOPLASTIC PAVEMENT MARKING - LINE 8" CONSISTS OF 2573 FEET OF WHITE.

THE RAISED REFLECTIVE PAVEMENT MARKERS SHALL BE PLACED AS DOUBLE MARKERS ON I-70 AS SHOWN ON STANDARD 781001. THE TOTAL QUANTITY OF RAISED REFLECTIVE PAVEMENT MARKERS IS 2750 ONE-WAY CRYSTAL AND 22 ONE-WAY AMBER.

REMOVAL OF TEMPORARY CONCRETE BARRIER FROM THE PROJECT SITE SHALL BE CONSIDERED INCLUDED IN THE PAY ITEM RELOCATE TEMPORARY CONCRETE BARRIER AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED FOR REMOVING THE TEMPORARY CONCRETE BARRIER.

THE EXISTING DELINEATORS WITHIN THE PROJECT LIMITS SHALL BE REMOVED AND SATISFACTORILY DISPOSED OF OFF THE PROJECT SITE. THE COST OF REMOVING AND DISPOSING OF THE DELINEATORS SHALL BE CONSIDERED INCLUDED IN THE COST OF THE PROPOSED DELINEATORS AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

THE TREES LISTED IN THE PLANS SHALL BE APPROVED FOR ACCEPTANCE BY THE DISTRICT ROADSIDE MAINTENANCE TECHNICIAN, (217)-342-8249. THE LOCATIONS OF THE TREES SHALL BE DETERMINED AND STAKED BY TONY SMITH, EFFINGHAM COUNTY FIELD TECHNICIAN AND RANDY KOHNERT, FAYETTE COUNTY FIELD TECHNICIAN. THE RESIDENT ENGINEER NEEDS TO CONTACT TONY SMITH AT (217) 994-1203 AND RANDY KOHNERT AT (217)-994-1202 TO HAVE THEM PROVIDE LOCATIONS FOR THE TREE MITIGATION. IT IS THE INTENT OF THE DEPARTMENT TO HAVE THE CONTRACTOR PLANT THE TREES WITHIN THE PROJECT LIMITS TO FORM LIVING SNOW FENCES. THE CONTRACTOR SHALL BE REQUIRED TO GIVE TWO WEEKS NOTICE TO SCHEDULE A TIME FOR THE LOCATIONS TO BE STAKED BY THE FIELD TECHNICIANS AND ON THE SAME DAY THE TREES SHALL BE DELIVERED TO THE JOBSITE FOR ACCEPTANCE OF THE PLANTING MATERIAL BY THE DISTRICT ROADSIDE MAINTENANCE TECHNICIAN.

THE MATERIAL USED FOR AGGREGATE WEDGE SHOULDERS, TYPE B SHALL BE CRUSHED STONE OR CRUSHED CONCRETE.

THE PAY ITEM TEMPORARY RAMP HAS BEEN INCLUDED FOR THE CONSTRUCTION OF TEMPORARY RAMPS IN ACCORDANCE WITH ARTICLE 406.08 OF THE STANDARD SPECIFICATIONS. THE COST PER SQUARE YARD SHALL INCLUDE BOTH THE INSTALLATION AND THE REMOVAL OF THE TEMPORARY RAMPS. TEMPORARY RAMPS SHALL BE INSTALLED AT THE TAPER RATE OF 1:80 (V:H).

THE EXISTING PAVEMENT SHALL BE PATCHED IN ACCORDANCE WITH SECTION 442 OF THE STANDARD SPECIFICATIONS AND THE SPECIAL PROVISIONS. PATCHING IS INCLUDED FOR PATCHING THE PAVEMENT ON I-70. AN ESTIMATED QUANTITY OF HOT-MIX ASPHALT FOR PATCHING POTHOLES (COLD MIX) HAS BEEN INCLUDED FOR ANY NECESSARY POTHOLE PATCHING. THE QUANTITY OF PATCHING SHOWN ON THE PLANS IS AN ESTIMATE ONLY AND THE FINAL LOCATIONS AND QUANTITY SHALL BE DETERMINED BY THE ENGINEER IN THE FIELD.

GENERAL NOTES (Cont'd)

THE RESIDENT ENGINEER SHALL BE THE SOLE JUDGE CONCERNING THE CURING TIME FOR THE VARIOUS HOT-MIX ASPHALT LIFTS.

THE CONTRACTOR SHALL PROVIDE INTERNET ACCESSIBILITY TO THE HOT-MIX ASPHALT PLANT QUALITY CONTROL LAB SO THAT HOT-MIX ASPHALT PLANT REPORTS CAN BE E-MAILED TO THE DISTRICT HEADQUARTERS. THIS WORK SHALL BE INCLUDED IN THE COST OF ALL HOT-MIX ASPHALT ITEMS.

IN ADDITION TO THE REQUIREMENTS IN ARTICLE 701.15(j), A LAPTOP COMPUTER SHALL BE SUPPLIED BY THE CONTRACTOR.

RUBBLIZATION SHALL BE BY METHOD I AS DESCRIBED IN THE SPECIAL PROVISIONS.

A LOADED MATERIAL TRANSFER DEVICE MAY CROSS STRUCTURES 026-0023 AND 026-0024.

THE COST OF REMOVAL OF EXISTING GUARD POSTS SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE PER EACH FOR GUARD POSTS AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

A UNIFORMLY STRAIGHT SAW CUT SHALL BE MADE AT LOCATIONS WHERE PROPOSED NEW CONSTRUCTION WILL ABUT EXISTING HOT-MIX ASPHALT SURFACES. THE SAW CUT SHALL BE MADE FULL DEPTH THROUGH THE EXISTING SURFACE. THIS WORK WILL BE CONSIDERED INCLUDED IN THE COST OF THE CONTRACT ITEMS INVOLVED AND NO EXTRA COMPENSATION WILL BE ALLOWED.

THE LOCATIONS AND/OR DEPTHS OF UNDERGROUND UTILITIES SHOWN HAVE BEEN TAKEN FROM INFORMATION FURNISHED BY THE UTILITY OWNERS AND MUST BE CONSIDERED APPROXIMATE. FIELD MARKINGS OF UTILITIES IN CRITICAL AREAS MAY BE OBTAINED BY PROVIDING A MINIMUM OF 96 HOURS ADVANCE NOTICE THROUGH THE J.U.L.I.E. SYSTEM BY CALLING 800-892-0123.

THE FOLLOWING MIXTURE REQUIREMENTS ARE APPLICABLE FOR THIS PROJECT:

APPLICATION	AC/PG	DESIGN AIR VOIDS	MIXTURE COMPOSITION	FRICTION AGGREGATE
POLYMERIZED HMA SURFACE COURSE, SMA, N80	SBS PG 76-22	4.0% @ N=80	IL - 12.5	N/A
HMA SURFACE COURSE, MIX "D", N90	PG 64-22	4.0% @ N=90	IL - 9.5	MIX D
POLYMERIZED HMA BINDER COURSE, IL-19.0 FG N90	SBS PG 70-22	4.0% @ N=90	IL - 19.0 FG	N/A
HMA BINDER COURSE, IL - 19.0, N90	PG 64-22	4.0% @ N=90	IL - 19.0	N/A
HMA BASE COURSE, 4 3/4"	PG 64-22	4.0% @ N=90	IL - 19.0	N/A
HMA LEVELING BINDER, N90	PG 64-22	4.0% @ N=90	IL - 9.5	N/A
HMA SHOULDERS, 13" BOTTOM LIFT (6")	PG 64-22	4.0% @ N=70	IL - 19.0	N/A
HMA SHOULDERS, 13" LIFT #2 (4")	PG 64-22	4.0% @ N=70	IL - 19.0	N/A
HMA SHOULDERS, 13" LIFT #3 (3")	PG 64-22	4.0% @ N=90	IL - 19.0	N/A
HMA SHOULDERS LIFT #1	PG 64-22	4.0% @ N=30	IL - 19.0L	N/A
HMA SHOULDERS TOP LIFT	PG 64-22	4.0% @ N=30	IL - 9.5L	N/A

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

AGGREGATE SHOULDERS	2.05	TONS/CU YD
BITUMINOUS MATERIALS (PRIME COAT)	0.05	LBS/SQ FT
BITUMINOUS MATERIALS (PRIME COAT)-FOG COAT	0.025	LBS/SQ FT
HOT-MIX ASPHALT	112	LBS/SQ YD/INCH
STONE MATRIX HOT-MIX ASPHALT	130	LBS/SQ YD/INCH

* EFFINGHAM & FAYETTE

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

GENERAL NOTES

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
70	(26-5,26-5-1,25-1-1)R	*	92	3
		CONTRACT NO. 74469		
	ILLINOIS FED. AID PROJECT			

SUMMARY OF QUANTITIES

CODE NO	ITEM	UNIT	TOTAL QUANTITIES	100% STATE CONSTRUCTION TYPE CODE		
				FAYETTE COUNTY 0004	EFFINGHAM COUNTY 0004	FAYETTE S.N. 026-0055 0014
35501303	HOT-MIX ASPHALT BASE COURSE, 4 3/4"	SQ YD	50046	42209	7837	
35600716	HOT-MIX ASPHALT BASE COURSE WIDENING, 10"	SQ YD	261			261
40600645	LEVELING BINDER (MACHINE METHOD), N90	TON	460	460		
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	2311	1733	578	
40600990	TEMPORARY RAMP	SQ YD	994	861	133	
40603090	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N90	TON	89701	54985	34716	
40603153	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, STONE MATRIX ASPHALT, N80	TON	29713	18285	11428	
40603243	POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-19.0, FG, N90	TON	31979	19597	12382	
40603345	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N90	TON	730	730		
42001430	BRIDGE APPROACH PAVEMENT CONNECTOR (FLEXIBLE)	SQ YD	95			95
44000100	PAVEMENT REMOVAL	SQ YD	26331	18363	7836	132
44000155	HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2"	SQ YD	3161	3161		
44000157	HOT-MIX ASPHALT SURFACE REMOVAL, 2"	SQ YD	4383	3820	563	

SUMMARY OF QUANTITIES

CODE NO	ITEM	UNIT	TOTAL QUANTITIES	100 % STATE CONSTRUCTION TYPE CODE		
				FAYETTE COUNTY 0004	EFFINGHAM COUNTY 0004	FAYETTE S.N. 026-0055 0014
44000161	HOT-MIX ASPHALT SURFACE REMOVAL, 3"	SQ YD	4355	1653	2702	
44000165	HOT-MIX ASPHALT SURFACE REMOVAL, 4"	SQ YD	2178	2178		
44000173	HOT-MIX ASPHALT SURFACE REMOVAL, 6"	SQ YD	200480	121107	79373	
44004250	PAVED SHOULDER REMOVAL	SQ YD	75789	45839	29950	
44200620	CLASS A PATCHES, TYPE II, 14 INCH	SQ YD	43	43		
44201043	CLASS B PATCHES, TYPE II, 16 INCH	SQ YD	1289	561	728	
44201047	CLASS B PATCHES, TYPE III, 16 INCH	SQ YD	108	40	68	
44201048	CLASS B PATCHES, TYPE IV, 16 INCH	SQ YD	113	60	53	
44201299	DOWEL BARS 1 1/2"	EACH	2920	1300	1620	
44213000	PATCHING REINFORCEMENT	SQ YD	264	143	121	
44213200	SAW CUTS	FOOT	7826	3636	4190	
44213208	TIE BARS 1 1/4"	EACH	60	35	25	
48102100	AGGREGATE WEDGE SHOULDER, TYPE B	TON	21993	13238	8755	
48203049	HOT-MIX ASPHALT SHOULDERS, 13"	SQ YD	94736	57299	37437	

• EFFINGHAM & FAYETTE

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: NA | SHEET NO. 1 OF 5 SHEETS | STA. | TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
TO	(26-5,26-5-1,25-1-1)R	•	92	4
		CONTRACT NO. 74469		
	ILLINOIS FED. AID PROJECT			

SUMMARY OF QUANTITIES

CODE NO	ITEM	UNIT	TOTAL QUANTITIES	100% STATE CONSTRUCTION TYPE CODE: FAYETTE COUNTY 0004	EFFINGHAM COUNTY 0004	FAYETTE S.N. 026-0055 0014
48203100	HOT-MIX ASPHALT SHOULDERS	TON	27274	16746	10528	
50102400	CONCRETE REMOVAL	CU YD	39.6			39.6
50104720	REMOVAL OF EXISTING CONCRETE DECK	EACH	1			1
50157300	PROTECTIVE SHIELD	SQ YD	538			538
50200100	STRUCTURE EXCAVATION	CU YD	221			221
50300225	CONCRETE STRUCTURES	CU YD	62.4	9.2		53.2
50300255	CONCRETE SUPERSTRUCTURE	CU YD	419.2			419.2
50300260	BRIDGE DECK GROOVING	SQ YD	968			968
50300300	PROTECTIVE COAT	SQ YD	1282			1282
50500405	FURNISHING AND ERECTING STRUCTURAL STEEL	POUND	2597			2597
50500505	STUD SHEAR CONNECTORS	EACH	3324			3324
50800105	REINFORCEMENT BARS	POUND	15343	9505	5838	
50800205	REINFORCEMENT BARS, EPOXY COATED	POUND	95070	670		94400
50800515	BAR SPLICERS	EACH	916			916

SUMMARY OF QUANTITIES

CODE NO	ITEM	UNIT	TOTAL QUANTITIES	100% STATE CONSTRUCTION TYPE CODE: FAYETTE COUNTY 0004	EFFINGHAM COUNTY 0004	FAYETTE S.N. 026-0055 0014
50900200	STEEL RAILING, TYPE 2399	FOOT	1844	920	924	
51100100	SLOPE WALL 4 INCH	SQ YD	249	177		72
51500100	NAME PLATES	EACH	2			2
52100010	ELASTOMERIC BEARING ASSEMBLY, TYPE I	EACH	12			12
52100520	ANCHOR BOLTS, 1"	EACH	24			24
59100100	GEOCOMPOSITE WALL DRAIN	SQ YD	98			98
60100060	CONCRETE HEADWALLS FOR PIPE DRAINS	EACH	4			4
60100074	SHOULDER REMOVAL AND REPLACEMENT 8"	FOOT	169212	102805	66407	
60100905	PIPE DRAINS 4"	FOOT	80			80
60107700	PIPE UNDERDRAINS 6"	FOOT	166198	100939	65259	
60108200	PIPE UNDERDRAINS 6" (SPECIAL)	FOOT	9603	5991	3612	
* 63000001	STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS	FOOT	7987.5	5187.5	2700	100
* 63100085	TRAFFIC BARRIER TERMINAL, TYPE 6	EACH	13	6	3	4

* SPECIALTY ITEM

* EFFINGHAM & FAYETTE

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: NA | SHEET NO. 2 OF 5 SHEETS | STA. | TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
70	126-5,26-5-1,25-1-1JR	*	92	5

CONTRACT NO. 74469

ILLINOIS FED. AID PROJECT

SUMMARY OF QUANTITIES

CODE NO	ITEM	UNIT	TOTAL QUANTITIES	100% STATE CONSTRUCTION TYPE CODE: FAYETTE COUNTY 0004	EFFINGHAM COUNTY 0004	FAYETTE S.N. 026-0055 0014
63100087	TRAFFIC BARRIER TERMINAL, TYPE 6A	EACH	16	8	8	
63100089	TRAFFIC BARRIER TERMINAL, TYPE 6B	EACH	10	6	4	
63100167	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	EACH	39	20	15	4
63200310	GUARDRAIL REMOVAL	FOOT	13429	8350	4508	571
63400105	GUARD POSTS	EACH	30	30		
63500105	DELINEATORS	EACH	296	212	84	
64200116	SHOULDER RUMBLE STRIPS, 16 INCH	FOOT	167011	99624	67387	
66500105	WOVEN WIRE FENCE, 4'	FOOT	8210	5360	2850	
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	14	9	5	
67000600	ENGINEER'S FIELD LABORATORY	CAL MO	14	9	5	
67100100	MOBILIZATION	L SUM	1	0.6	0.4	
70100207	TRAFFIC CONTROL AND PROTECTION, STANDARD 701402	EACH	10	6	4	

* SPECIALTY ITEM

SUMMARY OF QUANTITIES

CODE NO	ITEM	UNIT	TOTAL QUANTITIES	100% STATE CONSTRUCTION TYPE CODE: FAYETTE COUNTY 0004	EFFINGHAM COUNTY 0004	FAYETTE S.N. 026-0055 0014
70100405	TRAFFIC CONTROL AND PROTECTION, STANDARD 701321	EACH	1			1
70100420	TRAFFIC CONTROL AND PROTECTION, STANDARD 701411	EACH	4	4		
70100450	TRAFFIC CONTROL AND PROTECTION, STANDARD 701201	L SUM	1			1
70100500	TRAFFIC CONTROL AND PROTECTION, STANDARD 701326	L SUM	1			1
70100700	TRAFFIC CONTROL AND PROTECTION, STANDARD 701406	L SUM	1	0.6	0.4	
70100800	TRAFFIC CONTROL AND PROTECTION, STANDARD 701401	L SUM	1	0.6	0.4	
70100825	TRAFFIC CONTROL AND PROTECTION, STANDARD 701456	L SUM	1	1		
70103815	TRAFFIC CONTROL SURVEILLANCE	CAL DA	24	12	8	4
70106500	TEMPORARY BRIDGE TRAFFIC SIGNALS	EACH	1			1
70300100	SHORT TERM PAVEMENT MARKING	FOOT	77860	48160	29700	

* EFFINGHAM & FAYETTE

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: NA | SHEET NO. 3 OF 5 SHEETS | STA. | TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
70	(26-5,26-5-1,25-1-1)R	*	92	6
		CONTRACT NO. 74469		
		ILLINOIS FED. AID PROJECT		

SUMMARY OF QUANTITIES

CODE NO	ITEM	UNIT	TOTAL QUANTITIES	100% STATE CONSTRUCTION TYPE CODE: FAYETTE COUNTY 0004	EFFINGHAM COUNTY 0004	FAYETTE S.N. 026-0055 0014
70300220	TEMPORARY PAVEMENT MARKING - LINE 4"	FOOT	178514	112576	65938	
70300240	TEMPORARY PAVEMENT MARKING - LINE 6"	FOOT	21070	12820	8250	
70300250	TEMPORARY PAVEMENT MARKING - LINE 8"	FOOT	2573	2573		
70301000	WORK ZONE PAVEMENT MARKING REMOVAL	SQ FT	5284	3304	1980	
70400100	TEMPORARY CONCRETE BARRIER	FOOT	12487.5	8350	3587.5	550
70400200	RELOCATE TEMPORARY CONCRETE BARRIER	FOOT	12487.5	8350	3587.5	550
70600240	IMPACT ATTENUATORS, TEMPORARY (NON-REDIRECTIVE), TEST LEVEL 2	EACH	2			2
70600251	IMPACT ATTENUATORS, TEMPORARY (NON-REDIRECTIVE, NARROW), TEST LEVEL 3	EACH	10	6	4	
70600340	IMPACT ATTENUATORS, RELOCATE (NON-REDIRECTIVE), TEST LEVEL 2	EACH	2			2
70600352	IMPACT ATTENUATORS, RELOCATE (NON-REDIRECTIVE,NARROW), TEST LEVEL 3	EACH	10	6	4	
* 78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	178514	112576	65938	
* 78000500	THERMOPLASTIC PAVEMENT MARKING - LINE 8"	FOOT	2573	2573		
* 78003130	PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - LINE 6"	FOOT	21070	12820	8250	
* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	2772	1948	824	
* 78200410	GUARDRAIL MARKERS, TYPE A	EACH	129	74	51	4
* 78201000	TERMINAL MARKER - DIRECT APPLIED	EACH	39	20	15	4
78300100	PAVEMENT MARKING REMOVAL	SQ FT	28096	17106	10990	
* D2002972	EVERGREEN, PINUS STROBUS (EASTERN WHITE PINE), 6' HEIGHT, BALLED AND BURLAPPED	EACH	52	26	26	
X0322278	RODENT SHIELDS	EACH	431	267	164	
X0325279	CLASS SI CONCRETE (MISCELLANEOUS)	CU YD	647	401	246	
X0327487	TRIAXIAL GEOGRID REINFORCEMENT, TYPE I	SQ YD	50045	42209	7836	
X2020410	EARTH EXCAVATION (SPECIAL)	CU YD	24495	20778	3717	
X3112900	SUBBASE GRANULAR MATERIAL (SPECIAL)	CU YD	22243	18760	3483	
X4060110	BITUMINOUS MATERIALS (PRIME COAT)	POUND	320149	199717	120432	

* SPECIALTY ITEM

• EFFINGHAM & FAYETTE

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: NA | SHEET NO. 4 OF 5 SHEETS | STA. | TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
70	(26-5,26-5-1,25-1-1)R	•	92	7

CONTRACT NO. 74469

ILLINOIS FED. AID PROJECT

SUMMARY OF QUANTITIES

CODE NO	ITEM	UNIT	TOTAL QUANTITIES	100% STATE CONSTRUCTION TYPE CODE: FAYETTE COUNTY 0004	EFFINGHAM COUNTY 0004	FAYETTE S.N. 026-0055 0014
X4401198	HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH	SQ YD	10556	10556		
X5012650	CONCRETE HEADWALL REMOVAL SPECIAL	EACH	431	267	164	
X5860110	GRANULAR BACKFILL FOR STRUCTURES	CU YD	215			215
X6350120	DELINEATOR REMOVAL	EACH	296	212	84	
X6650202	WOVEN WIRE FENCE REMOVAL	FOOT	6875	5035	1840	
X7010410	SPEED DISPLAY TRAILER	CAL MO	30	15	15	
X7010805	TRAFFIC CONTROL AND PROTECTION, STANDARD 701401 (SPECIAL)	L SUM	1	0.6	0.4	
X7015005	CHANGEABLE MESSAGE SIGN	CAL DA	56	42	14	
* X7830070	GROOVING FOR RECESSED PAVEMENT MARKING 5"	FOOT	178514	112576	65938	
* X7830076	GROOVING FOR RECESSED PAVEMENT MARKING 9"	FOOT	2573	2573		
Z0001899	JACK AND REMOVE EXISTING BEARINGS	EACH	12			12
Z0005010	HOT-MIX ASPHALT FOR PATCHING POTHOLES (COLD MIX)	TON	5	3	2	

SUMMARY OF QUANTITIES

CODE NO	ITEM	UNIT	TOTAL QUANTITIES	100% STATE CONSTRUCTION TYPE CODE: FAYETTE COUNTY 0004	EFFINGHAM COUNTY 0004	FAYETTE S.N. 026-0055 0014
Z0012754	STRUCTURAL REPAIR OF CONCRETE (DEPTH EQUAL TO OR LESS THAN 5 INCHES)	SQ FT	9			9
Z0018002	DRAINAGE SCUPPERS, DS-11	EACH	4			4
Z0026407	TEMPORARY SHEET PILING	SQ FT	314			314
Z0034105	MATERIAL TRANSFER DEVICE	TON	61340	37531	23809	
Z0046304	PIPE UNDERDRAINS FOR STRUCTURES 4"	FOOT	155			155
Z0048665	RAILROAD PROTECTIVE LIABILITY INSURANCE	L SUM	1	1		
Z0055605	RUBBLIZING PORTLAND CEMENT CONCRETE PAVEMENT	SQ YD	182549	107709	74840	
~~Z0076600~~	~~TRAINEES~~	~~HOUR~~	~~2000~~	~~1200~~	~~800~~	
Z0076604	TRAINEES TRAINING PROGRAM GRADUATE	HOUR	1500	900	600	

* SPECIALTY ITEM

• EFFINGHAM & FAYETTE

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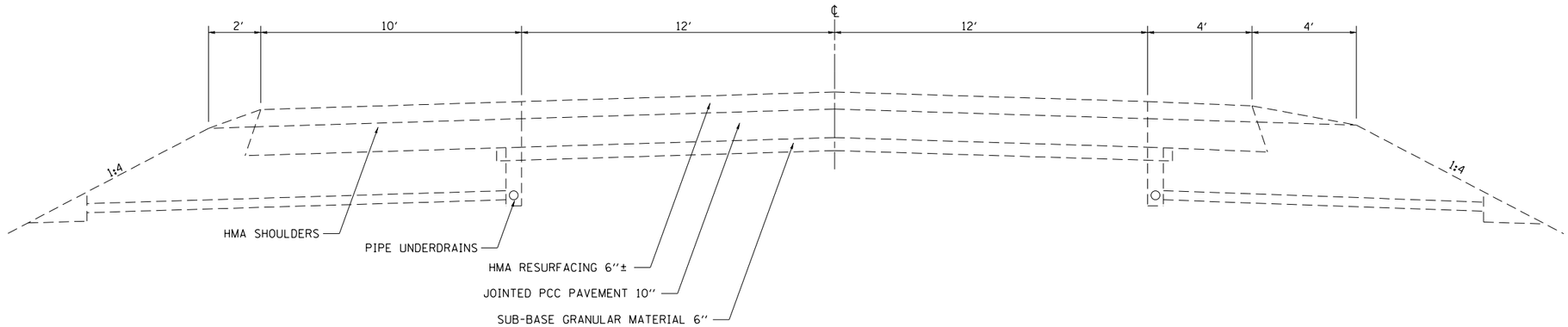
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

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

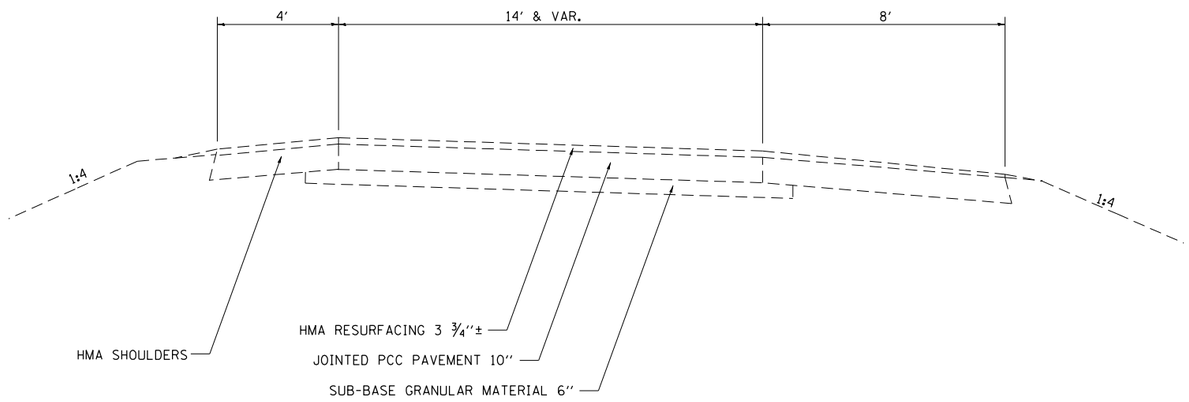
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
70	(26-5,26-5-1,25-1-1)R	•	92	8
		CONTRACT NO. 74469		
	ILLINOIS FED. AID PROJECT			



EXISTING TYPICAL SECTION

STA 1043+44 TO STA 1524+03

NOTE: NOT TO SCALE



EXISTING TYPICAL SECTION

RAMPS A, B, C, & D

NOTE: NOT TO SCALE

• EFFINGHAM & FAYETTE

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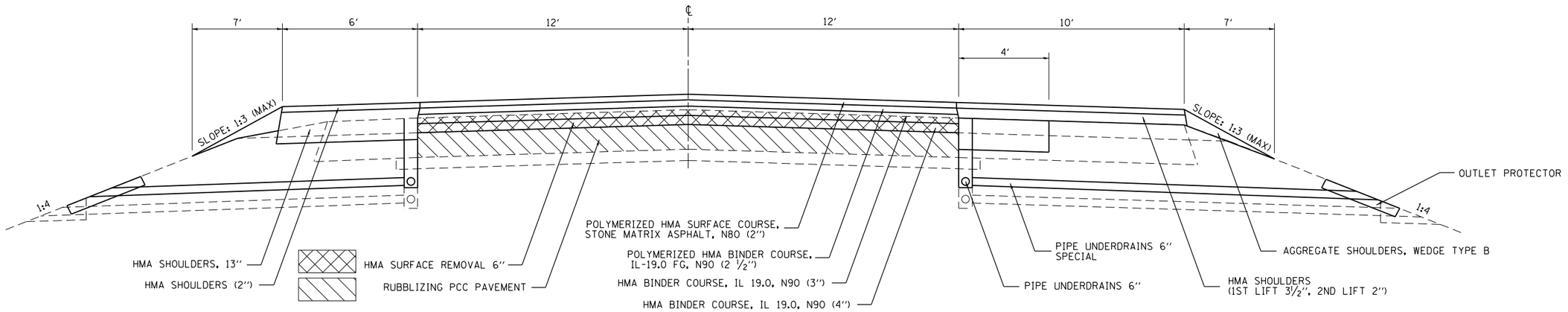
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING TYPICAL CROSS SECTION

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

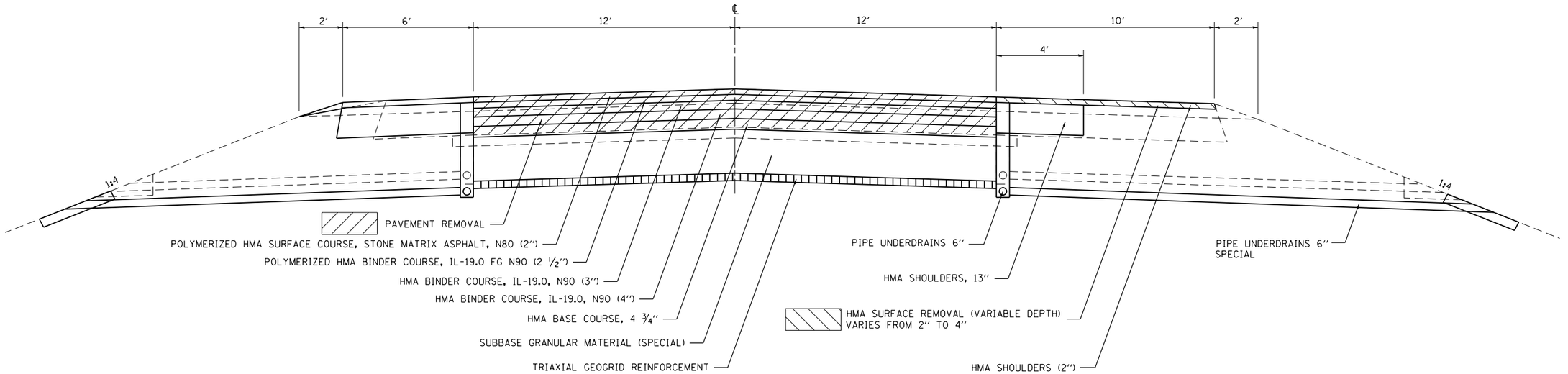
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
70	(26-5,26-5-1,25-1-1)R	•	92	9
		CONTRACT NO. 74469		
	ILLINOIS FED. AID PROJECT			



PROPOSED TYPICAL SECTION

EB STA 1043+44 TO STA 1070+30	WB STA 1043+44 TO STA 1070+60
EB STA 1075+80 TO STA 1140+45	WB STA 1076+10 TO STA 1140+80
EB STA 1147+15 TO STA 1239+80	WB STA 1147+50 TO STA 1239+85
EB STA 1245+30 TO STA 1296+80	WB STA 1245+95 TO STA 1297+45
EB STA 1302+90 TO STA 1416+05	WB STA 1302+95 TO STA 1416+40
EB STA 1422+15 TO STA 1523+85	WB STA 1422+50 TO STA 1524+20

NOTE: NOT TO SCALE



PROPOSED TYPICAL SECTION

EB STA 1070+30 TO STA 1075+80	WB STA 1070+60 TO STA 1076+10
EB STA 1140+45 TO STA 1147+15	WB STA 1140+80 TO STA 1147+50
EB STA 1239+80 TO STA 1245+30	WB STA 1239+85 TO STA 1245+95
EB STA 1296+80 TO STA 1302+90	WB STA 1297+45 TO STA 1302+95
EB STA 1416+05 TO STA 1422+15	WB STA 1416+40 TO STA 1422+50

NOTE: NOT TO SCALE

• EFFINGHAM & FAYETTE

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROPOSED TYPICAL CROSS SECTION

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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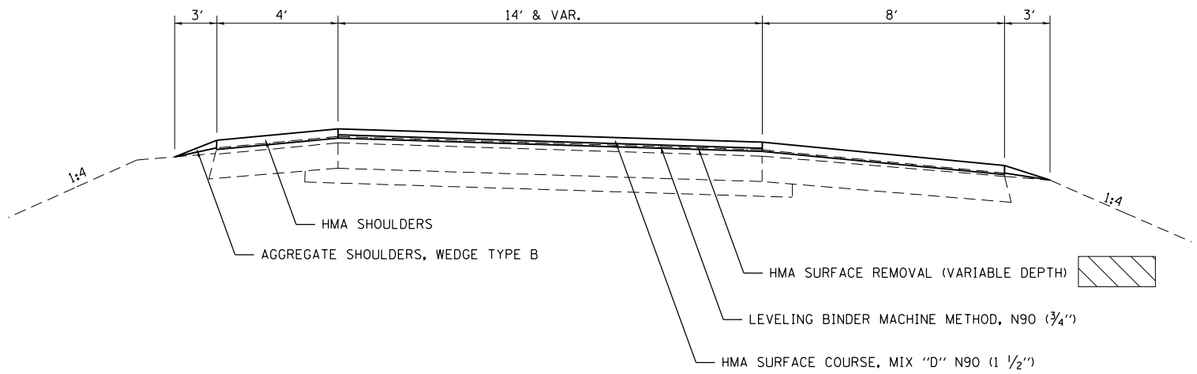
		CONTRACT NO. 74469		
	ILLINOIS FED. AID PROJECT			



PROPOSED TYPICAL SECTION

RAMPS A, B, C, & D

NOTE: NOT TO SCALE

• EFFINGHAM & FAYETTE

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		DRAWN -	REVISED -			70	(26-5,26-5-1,25-1-1)R	•	92	11
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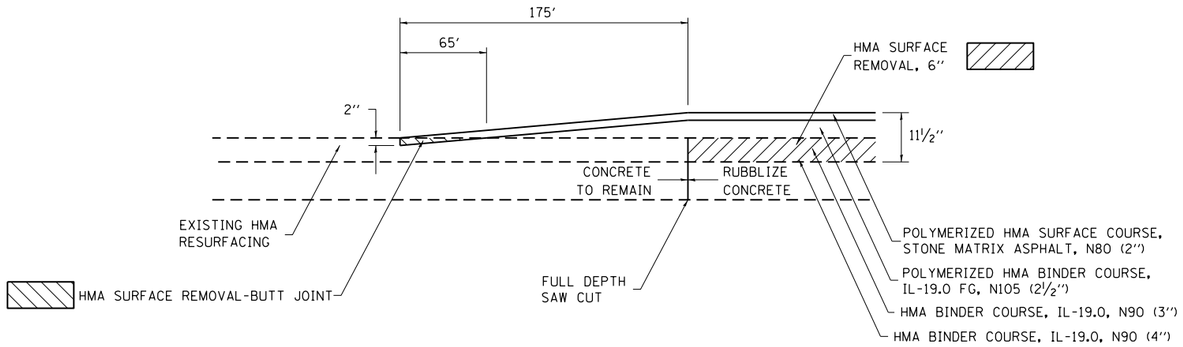
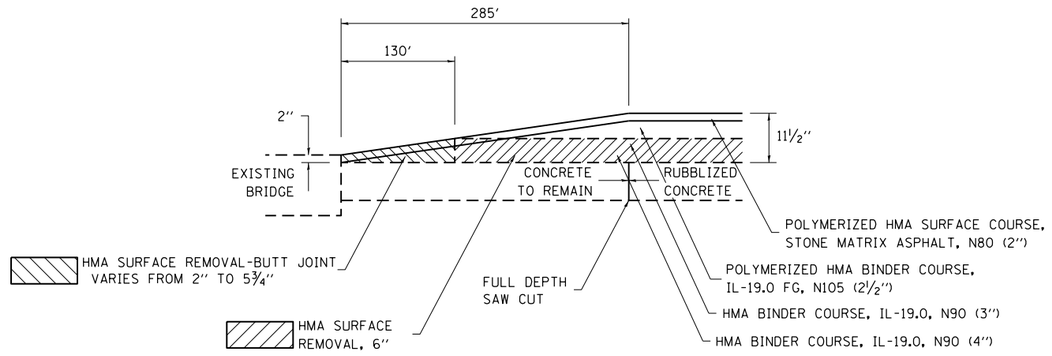


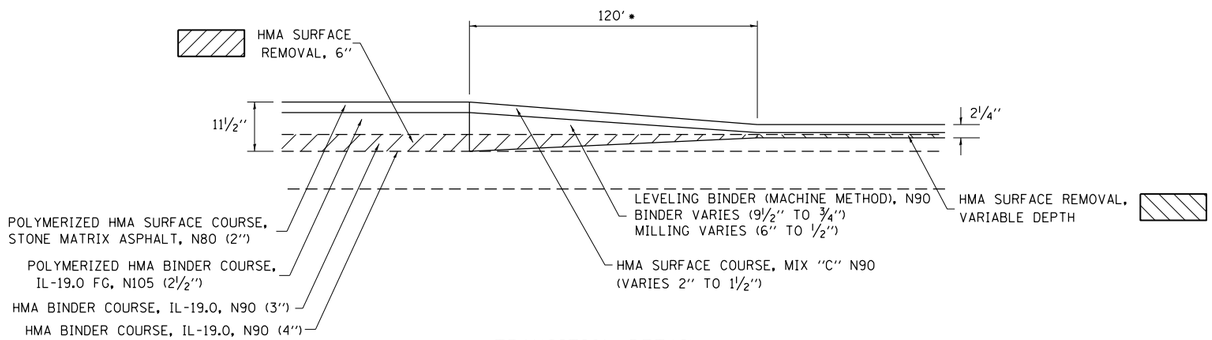
BUTT JOINT DETAIL

STA. 1043+44 TO STA. 1045+19



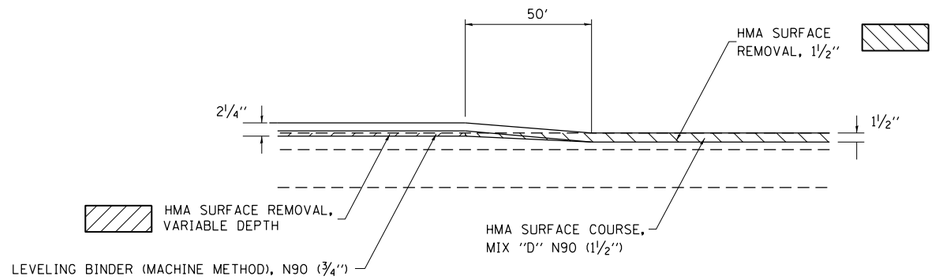
BUTT JOINT DETAIL

EB STA. 1167+85 TO STA. 1170+70
EB STA. 1173+20 TO STA. 1176+05
EB STA. 1461+85 TO STA. 1523+85
WB STA. 1168+20 TO STA. 1171+05
WB STA. 1173+50 TO STA. 1176+35
WB STA. 1462+20 TO STA. 1524+20



TRANSITION DETAIL

RAMP D STA. 9+84 TO STA. 11+04
RAMP C STA. 10+93 TO STA. 12+13
RAMP A STA. 1+30 TO STA. 2+50
RAMP B STA. 10+50 TO STA. 11+70



TRANSITION DETAIL

RAMP D STA. 20+00 TO STA. 20+50
RAMP C STA. 1+10 TO STA. 1+60
RAMP A STA. 11+75 TO STA. 12+25
RAMP B STA. 1+00 TO STA. 1+50

• NOTE: ALL HMA MIXTURES IN 120′ TRANSITION AREA WILL NOT BE TESTED USING THE PAY FOR PERFORMANCE SPECIAL PROVISION

NOTE: NOT DRAWN TO SCALE

• EFFINGHAM & FAYETTE

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

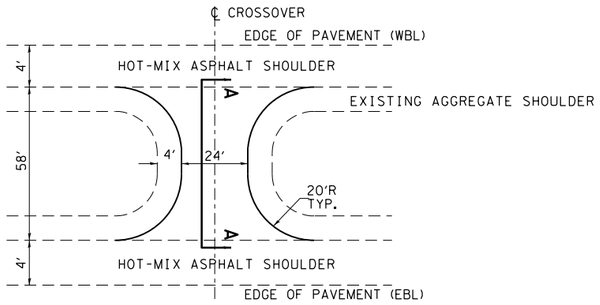
TRANSITION DETAILS

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

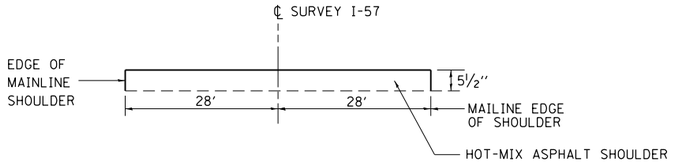
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
70	(26-5,26-5-1,25-1-1)R	•	92	12

CONTRACT NO. 74469

ILLINOIS FED. AID PROJECT



DETAIL OF MEDIAN CROSSOVER

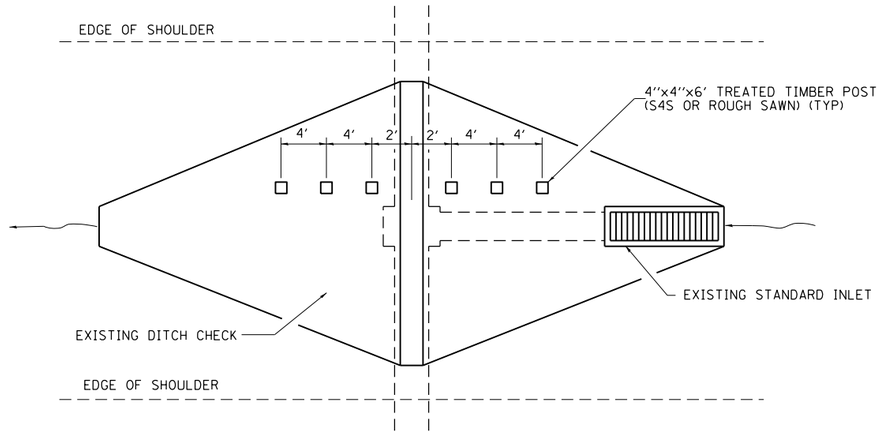


SECTION A-A

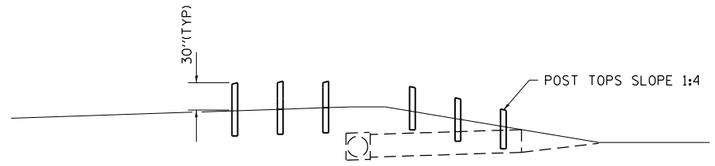
STATION 1051+00
STATION 1201+00
STATION 1335+15

BENCHMARKS

BENCHMARK	ELEV.	DESCRIPTION
TBM 026-0079	100.00	TOP OF THE EAST END OF GUARDRAIL POST ON THE INSIDE OF THE SOUTH PIER
TBM 026-0055	100.00	CHISELED SQUARE ON THE CENTER OF THE SOUTH PIER UNDER INTERSTATE DR. SOUTH OF EBL I-70
TBM 026-0024	100.00	CHISELED SQUARE ON THE SW CORNER OF WBL I-70 OVER A RR EAST OF ST. ELMO EXIT 76, SN 026-0024
TBM 026-0080	100.00	TOP OF THE EAST END OF GUARDRAIL POST ON THE INSIDE OF THE SOUTH PIER
TBM 025-0054	100.00	CHISELED SQUARE ON THE TOP CENTER OF A BOX CULVERT IN THE SE QUADRANT OF I-70 & SN 025-0054
TBM 025-0055	100.00	CHISELED SQUARE ON THE NORTH SIDE OF THE NORTH LEG OF "GAS EXIT 82" SIGN
TBM 025-0006	100.00	CHISELED SQUARE ON THE NW WINGWALL OF WBL I-70 (SN 025-0006) OVER RR WEST OF ALTAMONT EXIT



PLAN VIEW



PROFILE VIEW

DETAIL OF GUARD POSTS

GUARD POST SCHEDULE

LOCATION	GUARD POSTS
	EACH
1056+56	6.0
1086+85	6.0
1101+32	6.0
1270+49	6.0
1278+75	6.0
TOTALS	30.0

• EFFINGHAM & FAYETTE

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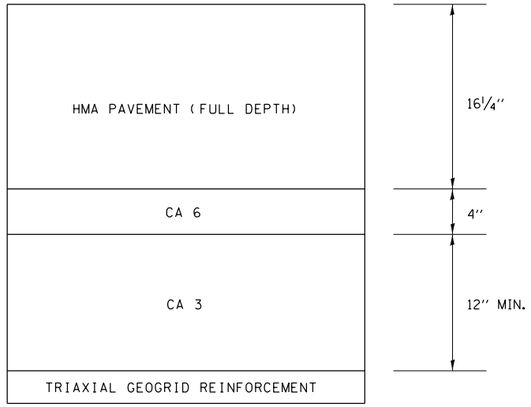
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MEDIAN CROSSOVER DETAIL, GUARD POST DETAIL AND BENCHMARKS

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
70	(26-5,26-5-1,25-1-1)R	•	92	13
			CONTRACT NO. 74469	
		ILLINOIS	FED. AID PROJECT	

DETAIL OF SUBBASE GRANULAR MATERIAL (SPECIAL)



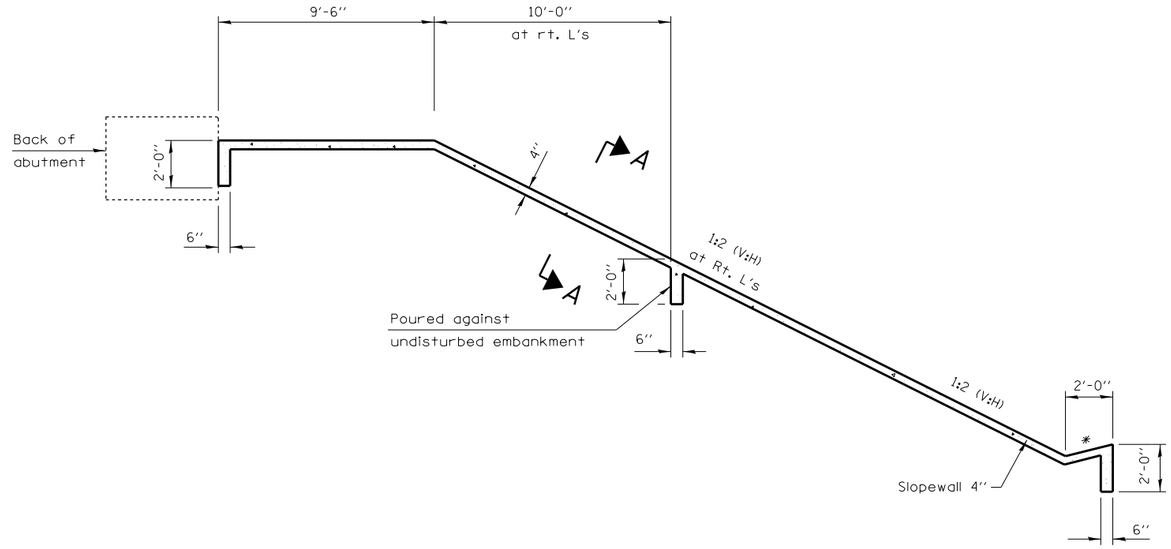
E.B. STA. 344+62 TO STA. 352+62
E.B. STA. 430+30 TO STA. 438+30
E.B. STA. 525+68 TO STA. 533+68
E.B. STA. 617+42 TO STA. 625+42
W.B. STA. 346+38 TO STA. 351+38
W.B. STA. 432+05 TO STA. 437+05
W.B. STA. 525+94 TO STA. 533+94
W.B. STA. 617+42 TO STA. 625+42

NOTES:
1. THE FIRST LIFT OF HMA BINDER COURSE SHALL BE PLACED WITHIN 4 DAYS OF THE START OF PAVEMENT REMOVAL OPERATION.
2. FOLLOWING EXCAVATION FOR THE SUBBASE AND GEOGRID, THE ENGINEER SHALL INSPECT THE SUBGRADE TO DETERMINE IF ADDITIONAL EXCAVATION IS REQUIRED TO OBTAIN A SUITABLE SUBGRADE FOR CONSTRUCTION. ADDITIONAL EXCAVATION SHALL BE PAID FOR AS EARTH EXCAVATION (SPECIAL)

SLOPE WALL EXTENSION DETAIL

S.N. 026-0023

S.N. 026-0024

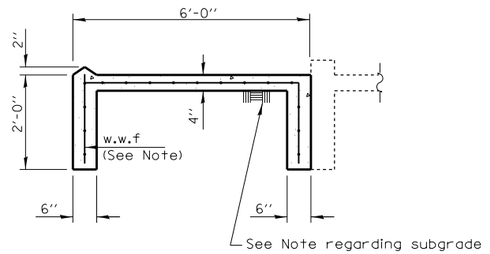


•1:4 (V:H)

SLOPE WALL SCHEDULE

LOCATION	WIDTH	LENGTH	SLOPE WALL 4 INCH
	FOOT	FOOT	SQ YD
SN 026-0023			
East end of bridge, South Side of Slope Wall	6.0	66.5	44.3
West end of bridge, South Side of Slope Wall	6.0	66.5	44.3
SN 026-0024			
West end of bridge, South Side of Slope Wall	6.0	66.5	44.3
West end of bridge, North Side of Slope Wall	6.0	66.5	44.3
TOTAL			177.0

SECTION THRU CONCRETE SLOPEWALL



SECTION A-A

NOTES:
THE COST OF FURNISHING AND PLACING ANY ADDITIONAL SUBGRADE MATERIAL NECESSARY FOR GRADING BENEATH SLOPE WALL IS INCLUDED IN THE UNIT COST OF SLOPE WALL 4"
SLOPE WALL SHALL BE REINFORCED WITH WELDED WIRE FABRIC 6 IN. X 6 IN. - W4.0 X W4.0, WEIGHING 58 LBS PER 100 SQ FT.

• EFFINGHAM & FAYETTE

FILE NAME = c:\pw_work\pwidot\swartzrw\d0186577\D774469-sht-details.dgn	USER NAME = swartzrw	DESIGNED -	REVISED -
		DRAWN -	REVISED -
	PLOT SCALE = 100.0000 '/ in.	CHECKED -	REVISED -
	PLOT DATE = 6/5/2014	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUB-BASE GRANULAR MATERIAL (SPECIAL) DETAIL AND SLOPE WALL EXTENSION DETAIL

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
70	(26-5,26-5-1,25-1-1)R	•	92	14
		CONTRACT NO. 74469		
	ILLINOIS FED. AID PROJECT			

UNDERDRAIN SCHEDULE

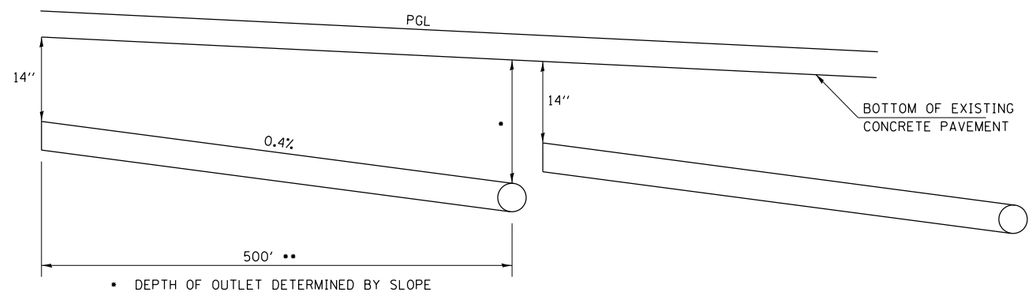
STATIONS ARE ALONG CENTERLINE UNLESS NOTED OTHERWISE

DRAIN SLOPE IS 0.4% OR PGL

FROM STATION	TO STATION	PVT SLOPE (%)	DRAIN SLOPE (%)	PIPE UNDERDRAINS, 6" EASTBOUND OUTSIDE (FT)	PIPE UNDERDRAINS, 6" EASTBOUND INSIDE (FT)	PIPE UNDERDRAINS, 6" WESTBOUND OUTSIDE (FT)	PIPE UNDERDRAINS, 6" WESTBOUND INSIDE (FT)	PIPE UNDERDRAINS, 6" (SPECIAL) EASTBOUND OUTSIDE (FT)	%	EASTBOUND INSIDE (FT)	%	WESTBOUND OUTSIDE (FT)	%	WESTBOUND INSIDE (FT)	%	CLASS SI CONCRETE (MISC) (CU. YD.)	REINFORCEMENT BARS (LBS)	RODENT SHIELDS (EACH)	HMA SHOULDER REMOVAL & REPLACEMENT, 8" (FOR UNDERDRAIN TRENCH) EASTBOUND OUTSIDE (FT)	EASTBOUND INSIDE (FT)	WESTBOUND OUTSIDE (FT)	WESTBOUND INSIDE (FT)	HMA SHOULDER REMOVAL & REPLACEMENT, 8" (FOR UNDERDRAIN (SPCL) TRENCH) EASTBOUND OUTSIDE (FT)	EASTBOUND INSIDE (FT)	WESTBOUND OUTSIDE (FT)	WESTBOUND INSIDE (FT)
Begin Project	1043+44.00	+0.07	0.4	0.0	0.0	0.0	0.0	23.0	2.0	20.0	2.0	23.0	2.0	20.0	2.0	6.0	142.4	4.0	0.0	0.0	0.0	0.0	10.0	4.0	10.0	4.0
1043+44.00	1047+00.00	+0.07	0.4	356.0	356.0	356.0	356.0	23.0	2.0	20.0	2.0	23.0	2.0	20.0	2.0	6.0	142.4	4.0	356.0	356.0	356.0	356.0	10.0	4.0	10.0	4.0
1047+00.00	1052+00.00	+0.07	0.4	500.0	500.0	500.0	500.0	23.0	2.0	20.0	2.0	23.0	2.0	20.0	2.0	6.0	142.4	4.0	500.0	500.0	500.0	500.0	10.0	4.0	10.0	4.0
1052+00.00	1056+70.00	+0.07	0.4	470.0	470.0	470.0	470.0	0.0		0.0		0.0		0.0		0.0	0.0	0.0	470.0	470.0	470.0	470.0	0.0	0.0	0.0	0.0
1056+70.00	1056+92.00	+0.07		omission				23.0	2.0	20.0	2.0	23.0	2.0	20.0	2.0	6.0	142.4	4.0	0.0	0.0	0.0	0.0	10.0	4.0	10.0	4.0
1056+92.00	1061+00.00	+0.24	0.4	408.0	408.0	408.0	408.0	23.0	2.0	20.0	2.0	23.0	2.0	20.0	2.0	6.0	142.4	4.0	408.0	408.0	408.0	408.0	10.0	4.0	10.0	4.0
1061+00.00	1066+00.00	+0.24	0.4	500.0	500.0	500.0	500.0	23.0	2.0	20.0	2.0	23.0	2.0	20.0	2.0	6.0	142.4	4.0	500.0	500.0	500.0	500.0	10.0	4.0	10.0	4.0
1066+00.00	1071+00.00	+0.24	0.4	500.0	500.0	500.0	500.0	23.0	2.0	20.0	2.0	23.0	2.0	20.0	2.0	6.0	142.4	4.0	500.0	500.0	500.0	500.0	10.0	4.0	10.0	4.0
1071+00.00	1074+50.00	+0.24	0.4	350.0	350.0	350.0	350.0	23.0	2.0	20.0	2.0	23.0	2.0	20.0	2.0	6.0	142.4	4.0	350.0	350.0	350.0	350.0	10.0	4.0	10.0	4.0
1074+50.00	1078+00.00	+0.1389	0.4	350.0	350.0	350.0	350.0	23.0	2.0	20.0	2.0	23.0	2.0	20.0	2.0	6.0	142.4	4.0	350.0	350.0	350.0	350.0	10.0	4.0	10.0	4.0
1078+00.00	1083+00.00	+0.1389	0.4	500.0	500.0	500.0	500.0	23.0	2.0	20.0	2.0	23.0	2.0	20.0	2.0	6.0	142.4	4.0	500.0	500.0	500.0	500.0	10.0	4.0	10.0	4.0
1083+00.00	1088+00.00	+0.1389	0.4	500.0	500.0	500.0	500.0	23.0	2.0	20.0	2.0	23.0	2.0	20.0	2.0	6.0	142.4	4.0	500.0	500.0	500.0	500.0	10.0	4.0	10.0	4.0
1088+00.00	1093+00.00	+0.1389	0.4	500.0	500.0	500.0	500.0	23.0	2.0	20.0	2.0	23.0	2.0	20.0	2.0	6.0	142.4	4.0	500.0	500.0	500.0	500.0	10.0	4.0	10.0	4.0
1093+00.00	1098+00.00	+0.1389	0.4	500.0	500.0	500.0	500.0	23.0	2.0	20.0	2.0	23.0	2.0	20.0	2.0	6.0	142.4	4.0	500.0	500.0	500.0	500.0	10.0	4.0	10.0	4.0
1098+00.00	1103+00.00	+0.1389	0.4	500.0	500.0	500.0	500.0	23.0	2.0	20.0	2.0	23.0	2.0	20.0	2.0	6.0	142.4	4.0	500.0	500.0	500.0	500.0	10.0	4.0	10.0	4.0
1103+00.00	1108+00.00	+0.1389	0.4	500.0	500.0	500.0	500.0	23.0	2.0	20.0	2.0	23.0	2.0	20.0	2.0	6.0	142.4	4.0	500.0	500.0	500.0	500.0	10.0	4.0	10.0	4.0
1108+00.00	1113+00.00	+0.1389	0.4	500.0	500.0	500.0	500.0	23.0	2.0	20.0	2.0	23.0	2.0	20.0	2.0	6.0	142.4	4.0	500.0	500.0	500.0	500.0	10.0	4.0	10.0	4.0
1113+00.00	1118+00.00	+0.1389	0.4	500.0	500.0	500.0	500.0	0.0		0.0		0.0		0.0		0.0	0.0	0.0	500.0	500.0	500.0	500.0	0.0	0.0	0.0	0.0
1118+00.00	1123+00.00	-0.068	0.4	500.0	500.0	500.0	500.0	23.0	2.0	20.0	2.0	23.0	2.0	20.0	2.0	6.0	142.4	4.0	500.0	500.0	500.0	500.0	10.0	4.0	10.0	4.0
1123+00.00	1128+00.00	-0.068	0.4	500.0	500.0	500.0	500.0	23.0	2.0	20.0	2.0	23.0	2.0	20.0	2.0	6.0	142.4	4.0	500.0	500.0	500.0	500.0	10.0	4.0	10.0	4.0
1128+00.00	1132+00.00	-0.068	0.4	0.0	400.0	400.0	400.0	0.0		20.0	2.0	23.0	2.0	20.0	2.0	4.5	106.8	3.0	0.0	400.0	400.0	400.0	0.0	4.0	10.0	4.0
1132+00.00	1135+00.00	-0.068	0.4	300.0	300.0	0.0	300.0	0.0		0.0		0.0		0.0		0.0	0.0	0.0	300.0	300.0	0.0	300.0	0.0	0.0	0.0	0.0
1135+00.00	1137+00.00	-0.068	0.4	200.0	200.0	200.0	200.0	23.0	2.0	20.0	2.0	23.0	2.0	20.0	2.0	6.0	142.4	4.0	200.0	200.0	200.0	200.0	10.0	4.0	10.0	4.0
1137+00.00	1142+00.00	-0.068	0.4	500.0	500.0	500.0	500.0	23.0	2.0	20.0	2.0	23.0	2.0	20.0	2.0	6.0	142.4	4.0	500.0	500.0	500.0	500.0	10.0	4.0	10.0	4.0
1142+00.00	1146+00.00	-0.068	0.4	400.0	400.0	400.0	400.0	23.0	2.0	20.0	2.0	23.0	2.0	20.0	2.0	6.0	142.4	4.0	400.0	400.0	400.0	400.0	10.0	4.0	10.0	4.0
1146+00.00	1151+00.00	-0.068	0.4	500.0	500.0	500.0	500.0	23.0	2.0	20.0	2.0	23.0	2.0	20.0	2.0	6.0	142.4	4.0	500.0	500.0	500.0	500.0	10.0	4.0	10.0	4.0
1151+00.00	1154+33.00	-0.068	0.4	333.0	333.0	333.0	333.0	23.0	2.0	40.0	2.0	23.0	2.0	40.0	2.0	6.0	142.4	4.0	333.0	333.0	333.0	333.0	10.0	4.0	10.0	4.0
1154+33.00	1158+50.00	+2.5	PGL	417.0	417.0	0.0	417.0	23.0	2.0	20.0	2.0	23.0	2.0	20.0	2.0	6.0	142.4	4.0	417.0	417.0	0.0	417.0	10.0	4.0	10.0	4.0
1158+50.00	1163+00.00	+2.5	PGL	450.0	450.0	450.0	450.0	23.0	2.0	20.0	2.0	23.0	2.0	20.0	2.0	6.0	142.4	4.0	450.0	450.0	450.0	450.0	10.0	4.0	10.0	4.0
1163+00.00	1168+00.00	+2.5	PGL	500.0	500.0	500.0	500.0	23.0	2.0	40.0	2.0	23.0	2.0	40.0	2.0	6.0	142.4	4.0	500.0	500.0	500.0	500.0	10.0	4.0	10.0	4.0
1168+00.00	1170+75.00	+2.5	PGL	275.0	275.0	275.0	275.0	0.0		0.0		0.0		0.0		0.0	0.0	0.0	275.0	275.0	275.0	275.0	0.0	0.0	0.0	0.0
1170+75.00	1173+45.00			omission				0.0		0.0		0.0		0.0		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SHEET TOTALS				12,309.0	12,709.0	11,992.0	12,709.0	598.0		580.0		621.0		580.0		160.5	3,809.2	107.0	12,309.0	12,709.0	11,992.0	12,709.0	260.0	108.0	270.0	108.0

PIPE UNDERDRAIN DETAIL

(USE WHEN PGL IS LESS THAN 0.4%



• DEPTH OF OUTLET DETERMINED BY SLOPE

•• UNLESS OTHERWISE NOTED IN THE PLANS

• EFFINGHAM & FAYETTE

FILE NAME = c:\pw_work\pwidot\swartzrw\d0186577\D774469-sht-sch.dgn	USER NAME = swartzrw	DESIGNED -	REVISED -
		DRAWN -	REVISED -
	PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -
	PLOT DATE = 6/5/2014	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES

SCALE: NA | SHEET NO. 1 OF 16 SHEETS | STA. | TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
70	(26-5,26-5-1,25-1-1)R	•	92	15
		CONTRACT NO. 74469		
	ILLINOIS FED. AID PROJECT			

UNDERDRAIN SCHEDULE (Cont'd)

STATIONS ARE ALONG CENTERLINE UNLESS NOTED OTHERWISE

DRAIN SLOPE IS 0.4% OR PGL

FROM STATION	TO STATION	PVT SLOPE (%)	DRAIN SLOPE (%)	PIPE UNDERDRAINS, 6" EASTBOUND OUTSIDE (FT)	PIPE UNDERDRAINS, 6" EASTBOUND INSIDE (FT)	PIPE UNDERDRAINS, 6" WESTBOUND OUTSIDE (FT)	PIPE UNDERDRAINS, 6" WESTBOUND INSIDE (FT)	PIPE UNDERDRAINS, 6" (SPECIAL) EASTBOUND OUTSIDE (FT)	%	EASTBOUND INSIDE (FT)	%	WESTBOUND OUTSIDE (FT)	%	WESTBOUND INSIDE (FT)	%	CLASS SI CONCRETE (MISC) (CU. YD.)	REINFORCEMENT BARS (LBS)	RODENT SHIELDS (EACH)	HMA SHOULDER REMOVAL & REPLACEMENT, 8" (FOR UNDERDRAIN TRENCH) EASTBOUND OUTSIDE (FT)	EASTBOUND INSIDE (FT)	WESTBOUND OUTSIDE (FT)	WESTBOUND INSIDE (FT)	HMA SHOULDER REMOVAL & REPLACEMENT, 8" (FOR UNDERDRAIN (SPCL) TRENCH) EASTBOUND OUTSIDE (FT)	EASTBOUND INSIDE (FT)	WESTBOUND OUTSIDE (FT)	WESTBOUND INSIDE (FT)
1173+45.00	1178+00.00	-2.0	PGL	455.0	455.0	455.0	455.0	23.0	2.0	20.0	2.0	23.0	2.0	20.0	2.0	6.0	142.4	4.0	455.0	455.0	455.0	455.0	10.0	4.0	10.0	4.0
1178+00.00	1183+00.00	-2.0	PGL	500.0	500.0	500.0	500.0	23.0	2.0	20.0	2.0	23.0	2.0	20.0	2.0	6.0	142.4	4.0	500.0	500.0	500.0	500.0	10.0	4.0	10.0	4.0
1183+00.00	1188+00.00	-2.0	PGL	500.0	500.0	500.0	500.0	23.0	2.0	20.0	2.0	23.0	2.0	20.0	2.0	6.0	142.4	4.0	500.0	500.0	500.0	500.0	10.0	4.0	10.0	4.0
1188+00.00	1193+00.00	-0.0457	0.4	500.0	500.0	500.0	500.0	23.0	2.0	20.0	2.0	23.0	2.0	20.0	2.0	6.0	142.4	4.0	500.0	500.0	500.0	500.0	10.0	4.0	10.0	4.0
1193+00.00	1195+50.00	-0.0457	0.4	250.0	250.0	250.0	250.0	23.0	2.0	20.0	2.0	23.0	2.0	20.0	2.0	6.0	142.4	4.0	250.0	250.0	250.0	250.0	10.0	4.0	10.0	4.0
1195+50.00	1198+00.00	-0.0457	0.4	250.0	250.0	250.0	250.0	23.0	2.0	20.0	2.0	23.0	2.0	20.0	2.0	6.0	142.4	4.0	250.0	250.0	250.0	250.0	10.0	4.0	10.0	4.0
1198+00.00	1200+50.00	-0.0457	0.4	250.0	250.0	250.0	250.0	23.0	2.0	20.0	2.0	23.0	2.0	20.0	2.0	6.0	142.4	4.0	250.0	250.0	250.0	250.0	10.0	4.0	10.0	4.0
1200+50.00	1203+00.00	-0.0457	0.4	250.0	250.0	250.0	250.0	23.0	2.0	20.0	2.0	23.0	2.0	20.0	2.0	6.0	142.4	4.0	250.0	250.0	250.0	250.0	10.0	4.0	10.0	4.0
1203+00.00	1205+50.00	-0.0457	0.4	250.0	250.0	250.0	250.0	23.0	2.0	20.0	2.0	23.0	2.0	20.0	2.0	6.0	142.4	4.0	250.0	250.0	250.0	250.0	10.0	4.0	10.0	4.0
1205+50.00	1208+00.00	-0.0457	0.4	250.0	250.0	250.0	250.0	23.0	2.0	20.0	2.0	23.0	2.0	20.0	2.0	6.0	142.4	4.0	250.0	250.0	250.0	250.0	10.0	4.0	10.0	4.0
1208+00.00	1210+50.00	-0.0457	0.4	250.0	250.0	250.0	250.0	23.0	2.0	20.0	2.0	23.0	2.0	20.0	2.0	6.0	142.4	4.0	250.0	250.0	250.0	250.0	10.0	4.0	10.0	4.0
1210+50.00	1213+00.00	-0.0457	0.4	250.0	250.0	250.0	250.0	23.0	2.0	20.0	2.0	23.0	2.0	20.0	2.0	6.0	142.4	4.0	250.0	250.0	250.0	250.0	10.0	4.0	10.0	4.0
1213+00.00	1215+50.00	-0.0457	0.4	250.0	250.0	250.0	250.0	23.0	2.0	20.0	2.0	23.0	2.0	20.0	2.0	6.0	142.4	4.0	250.0	250.0	250.0	250.0	10.0	4.0	10.0	4.0
1215+50.00	1218+50.00	-0.0457	0.4	300.0	300.0	300.0	300.0	23.0	2.0	20.0	2.0	23.0	2.0	20.0	2.0	6.0	142.4	4.0	300.0	300.0	300.0	300.0	10.0	4.0	10.0	4.0
1218+50.00	1220+00.00	-0.0457	0.4	150.0	150.0	150.0	150.0	46.0	2.0	40.0	2.0	46.0	2.0	40.0	2.0	6.0	142.4	4.0	150.0	150.0	150.0	150.0	10.0	4.0	10.0	4.0
1220+00.00	1222+00.00	+0.33	0.4	200.0	200.0	200.0	200.0	23.0	2.0	20.0	2.0	23.0	2.0	20.0	2.0	6.0	142.4	4.0	200.0	200.0	200.0	200.0	10.0	4.0	10.0	4.0
1222+00.00	1226+50.00	+0.33	0.4	450.0	450.0	450.0	450.0	23.0	2.0	20.0	2.0	23.0	2.0	20.0	2.0	6.0	142.4	4.0	450.0	450.0	450.0	450.0	10.0	4.0	10.0	4.0
1226+50.00	1231+50.00	+0.33	0.4	500.0	500.0	500.0	500.0	23.0	2.0	20.0	2.0	23.0	2.0	20.0	2.0	6.0	142.4	4.0	500.0	500.0	500.0	500.0	10.0	4.0	10.0	4.0
1231+50.00	1236+50.00	+0.33	0.4	500.0	500.0	500.0	500.0	23.0	2.0	20.0	2.0	23.0	2.0	20.0	2.0	6.0	142.4	4.0	500.0	500.0	500.0	500.0	10.0	4.0	10.0	4.0
1236+50.00	1241+50.00	+0.33	0.4	500.0	500.0	500.0	500.0	23.0	2.0	20.0	2.0	23.0	2.0	20.0	2.0	6.0	142.4	4.0	500.0	500.0	500.0	500.0	10.0	4.0	10.0	4.0
1241+50.00	1244+00.00	+0.33	0.4	250.0	250.0	250.0	250.0	23.0	2.0	20.0	2.0	23.0	2.0	20.0	2.0	6.0	142.4	4.0	250.0	250.0	250.0	250.0	10.0	4.0	10.0	4.0
1244+00.00	1248+00.00	+0.33	0.4	400.0	400.0	400.0	400.0	23.0	2.0	20.0	2.0	23.0	2.0	20.0	2.0	6.0	142.4	4.0	400.0	400.0	400.0	400.0	10.0	4.0	10.0	4.0
1248+00.00	1253+00.00	+0.33	0.4	500.0	500.0	500.0	500.0	23.0	2.0	20.0	2.0	23.0	2.0	20.0	2.0	6.0	142.4	4.0	500.0	500.0	500.0	500.0	10.0	4.0	10.0	4.0
1253+00.00	1258+00.00	+0.33	0.4	500.0	500.0	500.0	500.0	0.0		0.0		0.0		0.0		0.0	0.0	0.0	500.0	500.0	500.0	500.0	0.0	0.0	0.0	0.0
1258+00.00	1260+50.00	-0.054	0.4	250.0	250.0	250.0	250.0	23.0	2.0	20.0	2.0	23.0	2.0	20.0	2.0	6.0	142.4	4.0	250.0	250.0	250.0	250.0	10.0	4.0	10.0	4.0
1260+50.00	1263+00.00	-0.054	0.4	250.0	250.0	250.0	250.0	23.0	2.0	20.0	2.0	23.0	2.0	20.0	2.0	6.0	142.4	4.0	250.0	250.0	250.0	250.0	10.0	4.0	10.0	4.0
1263+00.00	1265+50.00	-0.054	0.4	250.0	250.0	250.0	250.0	23.0	2.0	20.0	2.0	23.0	2.0	20.0	2.0	6.0	142.4	4.0	250.0	250.0	250.0	250.0	10.0	4.0	10.0	4.0
1265+50.00	1268+00.00	-0.054	0.4	250.0	250.0	250.0	250.0	23.0	2.0	20.0	2.0	23.0	2.0	20.0	2.0	6.0	142.4	4.0	250.0	250.0	250.0	250.0	10.0	4.0	10.0	4.0
1268+00.00	1270+50.00	-0.054	0.4	250.0	250.0	250.0	250.0	23.0	2.0	20.0	2.0	23.0	2.0	20.0	2.0	6.0	142.4	4.0	250.0	250.0	250.0	250.0	10.0	4.0	10.0	4.0
1270+50.00	1273+00.00	-0.054	0.4	250.0	250.0	250.0	250.0	23.0	2.0	20.0	2.0	23.0	2.0	20.0	2.0	6.0	142.4	4.0	250.0	250.0	250.0	250.0	10.0	4.0	10.0	4.0
1273+00.00	1276+00.00	-0.054	0.4	300.0	300.0	300.0	300.0	23.0	2.0	20.0	2.0	23.0	2.0	20.0	2.0	6.0	142.4	4.0	300.0	300.0	300.0	300.0	10.0	4.0	10.0	4.0
1276+00.00	1279+00.00	-0.054	0.4	300.0	300.0	300.0	300.0	23.0	2.0	20.0	2.0	23.0	2.0	20.0	2.0	6.0	142.4	4.0	300.0	300.0	300.0	300.0	10.0	4.0	10.0	4.0
1279+00.00	1281+50.00	-0.054	0.4	250.0	250.0	250.0	250.0	23.0	2.0	20.0	2.0	23.0	2.0	20.0	2.0	6.0	142.4	4.0	250.0	250.0	250.0	250.0	10.0	4.0	10.0	4.0
1281+50.00	1284+00.00	-0.054	0.4	250.0	250.0	250.0	250.0	23.0	2.0	20.0	2.0	23.0	2.0	20.0	2.0	6.0	142.4	4.0	250.0	250.0	250.0	250.0	10.0	4.0	10.0	4.0
1284+00.00	1286+50.00	-0.054	0.4	250.0	250.0	250.0	250.0	23.0	2.0	20.0	2.0	23.0	2.0	20.0	2.0	6.0	142.4	4.0	250.0	250.0	250.0	250.0	10.0	4.0	10.0	4.0
1286+50.00	1289+00.00	-0.054	0.4	250.0	250.0	250.0	250.0	23.0	2.0	20.0	2.0	23.0	2.0	20.0	2.0	6.0	142.4	4.0	250.0	250.0	250.0	250.0	10.0	4.0	10.0	4.0
1289+00.00	1291+50.00	-0.054	0.4	250.0	250.0	250.0	250.0	23.0	2.0	20.0	2.0	23.0	2.0	20.0	2.0	6.0	142.4	4.0	250.0	250.0	250.0	250.0	10.0	4.0	10.0	4.0
1291+50.00	1295+00.00	-0.054	0.4	350.0	350.0	350.0	350.0	23.0	2.0	20.0	2.0	23.0	2.0	20.0	2.0	6.0	142.4	4.0	350.0	350.0	350.0	350.0	10.0	4.0	10.0	4.0
1295+00.00	1297+00.00	-0.054	0.4	200.0	200.0	200.0	200.0	46.0	2.0	40.0	2.0	46.0	2.0	40.0	2.0	6.0	142.4	4.0	200.0	200.0	200.0	200.0	10.0	4.0	10.0	4.0
1297+00.00	1298+50.00	+0.2	0.4	150.0	150.0	150.0	150.0	23.0	2.0	20.0	2.0	23.0	2.0	20.0	2.0	6.0	142.4	4.0	150.0	150.0	150.0	150.0	10.0	4.0	10.0	4.0
1298+50.00	1301+50.00	+0.2	0.4	300.0	300.0	300.0	300.0	23.0	2.0	20.0	2.0	23.0	2.0	20.0	2.0	6.0	142.4	4.0	300.0	300.0	300.0	300.0	10.0	4.0	10.0	4.0
1301+50.00	1303+00.00	+0.2	0.4	150.0	150.0	150.0	150.0	23.0	2.0	20.0	2.0	23.0	2.0	20.0	2.0	6.0	142.4	4.0	150.0	150.0	150.0	150.0	10.0	4.0	10.0	4.0
1303+00.00	1308+00.00	+0.2	0.4	500.0	500.0	500.0	500.0	23.0	2.0	20.0	2.0	23.0	2.0	20.0	2.0	6.0	142.4	4.0	500.0	500.0	500.0	500.0	10.0	4.0	10.0	4.0
1308+00.00	1313+00.00	+0.2	0.4	500.0	500.0	500.0	500.0	23.0	2.0	20.0	2.0	23.0	2.0	20.0	2.0	6.0	142.4	4.0	500.0	500.0	500.0	500.0	10.0	4.0	10.0	4.0
SHEET TOTALS				13,955.0	13,955.0	13,955.0	13,955.0	1,035.0		900.0		1,035.0		900.0		258.0	6,123.2	172.0	13,955.0	13,955.0	13,955.0	13,955.0	430.0	172.0	430.0	172.0

• EFFINGHAM & FAYETTE

FILE NAME = c:\pw_work\pwidot\swartzrw\d0186577\D774469-sht-sch.dgn	USER NAME = swartzrw	DESIGNED -	REVISED -
		DRAWN -	REVISED -
	PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -
	PLOT DATE = 6/5/2014	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES

SCALE: NA | SHEET NO. 2 OF 16 SHEETS | STA. | TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
70	(26-5,26-5-1,25-1-1)R	•	92	16
		CONTRACT NO. 74469		
		ILLINOIS FED. AID PROJECT		

UNDERDRAIN SCHEDULE (Cont'd)

STATIONS ARE ALONG CENTERLINE UNLESS NOTED OTHERWISE

DRAIN SLOPE IS 0.4% OR PGL

FROM STATION	TO STATION	PVT SLOPE (%)	DRAIN SLOPE (%)	PIPE UNDERDRAINS, 6" EASTBOUND OUTSIDE (FT)	PIPE UNDERDRAINS, 6" EASTBOUND INSIDE (FT)	PIPE UNDERDRAINS, 6" WESTBOUND OUTSIDE (FT)	PIPE UNDERDRAINS, 6" WESTBOUND INSIDE (FT)	PIPE UNDERDRAINS, 6" (SPECIAL) EASTBOUND OUTSIDE (FT)	%	EASTBOUND INSIDE (FT)	%	WESTBOUND OUTSIDE (FT)	%	WESTBOUND INSIDE (FT)	%	CLASS SI CONCRETE (MISC) (CU. YD.)	REINFORCEMENT BARS (LBS)	RODENT SHIELDS (EACH)	HMA SHOULDER REMOVAL & REPLACEMENT, 8" (FOR UNDERDRAIN TRENCH) EASTBOUND OUTSIDE (FT)	EASTBOUND INSIDE (FT)	WESTBOUND OUTSIDE (FT)	WESTBOUND INSIDE (FT)	HMA SHOULDER REMOVAL & REPLACEMENT, 8" (FOR UNDERDRAIN (SPCL) TRENCH) EASTBOUND OUTSIDE (FT)	EASTBOUND INSIDE (FT)	WESTBOUND OUTSIDE (FT)	WESTBOUND INSIDE (FT)
1313+00.00	1318+00.00	+0.2	0.4	500.0	500.0	500.0	500.0	23.0	2.0	20.0	2.0	23.0	2.0	20.0	2.0	6.0	142.4	4.0	500.0	500.0	500.0	500.0	10.0	4.0	10.0	4.0
1318+00.00	1323+00.00	+0.2	0.4	500.0	500.0	500.0	500.0	23.0	2.0	20.0	2.0	23.0	2.0	20.0	2.0	6.0	142.4	4.0	500.0	500.0	500.0	500.0	10.0	4.0	10.0	4.0
1323+00.00	1328+00.00	+0.2	0.4	500.0	500.0	500.0	500.0	23.0	2.0	20.0	2.0	23.0	2.0	20.0	2.0	6.0	142.4	4.0	500.0	500.0	500.0	500.0	10.0	4.0	10.0	4.0
1328+00.00	1333+00.00	+0.2	0.4	500.0	500.0	500.0	500.0	0.0		0.0		0.0		0.0		0.0	0.0	0.0	500.0	500.0	500.0	500.0	0.0	0.0	0.0	0.0
1333+00.00	1338+00.00	-0.697	PGL	500.0	500.0	500.0	500.0	23.0	2.0	20.0	2.0	23.0	2.0	20.0	2.0	6.0	142.4	4.0	500.0	500.0	500.0	500.0	10.0	4.0	10.0	4.0
1338+00.00	1343+00.00	-0.697	PGL	500.0	500.0	500.0	500.0	23.0	2.0	20.0	2.0	23.0	2.0	20.0	2.0	6.0	142.4	4.0	500.0	500.0	500.0	500.0	10.0	4.0	10.0	4.0
1343+00.00	1348+00.00	-0.182	0.4	500.0	500.0	500.0	500.0	23.0	2.0	20.0	2.0	23.0	2.0	20.0	2.0	6.0	142.4	4.0	500.0	500.0	500.0	500.0	10.0	4.0	10.0	4.0
1348+00.00	1353+00.00	-0.182	0.4	500.0	500.0	500.0	500.0	23.0	2.0	20.0	2.0	23.0	2.0	20.0	2.0	6.0	142.4	4.0	500.0	500.0	500.0	500.0	10.0	4.0	10.0	4.0
1353+00.00	1358+00.00	-0.182	0.4	500.0	500.0	500.0	500.0	23.0	2.0	20.0	2.0	23.0	2.0	20.0	2.0	6.0	142.4	4.0	500.0	500.0	500.0	500.0	10.0	4.0	10.0	4.0
1358+00.00	1363+00.00	-0.406	PGL	500.0	500.0	500.0	500.0	23.0	2.0	20.0	2.0	23.0	2.0	20.0	2.0	6.0	142.4	4.0	500.0	500.0	500.0	500.0	10.0	4.0	10.0	4.0
1363+00.00	1368+00.00	-0.406	PGL	500.0	500.0	500.0	500.0	23.0	2.0	20.0	2.0	23.0	2.0	20.0	2.0	6.0	142.4	4.0	500.0	500.0	500.0	500.0	10.0	4.0	10.0	4.0
1368+00.00	1373+00.00	-0.406	PGL	500.0	500.0	500.0	500.0	23.0	2.0	20.0	2.0	23.0	2.0	20.0	2.0	6.0	142.4	4.0	500.0	500.0	500.0	500.0	10.0	4.0	10.0	4.0
1373+00.00	1378+00.00	-0.406	PGL	500.0	500.0	500.0	500.0	23.0	2.0	20.0	2.0	23.0	2.0	20.0	2.0	6.0	142.4	4.0	500.0	500.0	500.0	500.0	10.0	4.0	10.0	4.0
1378+00.00	1383+00.00	-0.406	PGL	500.0	500.0	500.0	500.0	23.0	2.0	20.0	2.0	23.0	2.0	20.0	2.0	6.0	142.4	4.0	500.0	500.0	500.0	500.0	10.0	4.0	10.0	4.0
1383+00.00	1384+50.00	-0.406	PGL	150.0	150.0	150.0	150.0	46.0	2.0	40.0	2.0	46.0	2.0	40.0	2.0	6.0	142.4	4.0	150.0	150.0	150.0	150.0	10.0	4.0	10.0	4.0
1384+50.00	1386+00.00	+0.232	0.4	150.0	150.0	150.0	150.0	23.0	2.0	20.0	2.0	23.0	2.0	20.0	2.0	6.0	142.4	4.0	150.0	150.0	150.0	150.0	10.0	4.0	10.0	4.0
1386+00.00	1391+00.00	+0.232	0.4	500.0	500.0	500.0	500.0	23.0	2.0	20.0	2.0	23.0	2.0	20.0	2.0	6.0	142.4	4.0	500.0	500.0	500.0	500.0	10.0	4.0	10.0	4.0
1391+00.00	1396+00.00	+0.232	0.4	500.0	500.0	500.0	500.0	23.0	2.0	20.0	2.0	23.0	2.0	20.0	2.0	6.0	142.4	4.0	500.0	500.0	500.0	500.0	10.0	4.0	10.0	4.0
1396+00.00	1401+00.00	+0.232	0.4	500.0	500.0	500.0	500.0	23.0	2.0	20.0	2.0	23.0	2.0	20.0	2.0	6.0	142.4	4.0	500.0	500.0	500.0	500.0	10.0	4.0	10.0	4.0
1401+00.00	1406+00.00	+0.232	0.4	500.0	500.0	500.0	500.0	23.0	2.0	20.0	2.0	23.0	2.0	20.0	2.0	6.0	142.4	4.0	500.0	500.0	500.0	500.0	10.0	4.0	10.0	4.0
1406+00.00	1411+00.00	+0.232	0.4	500.0	500.0	500.0	500.0	23.0	2.0	20.0	2.0	23.0	2.0	20.0	2.0	6.0	142.4	4.0	500.0	500.0	500.0	500.0	10.0	4.0	10.0	4.0
1411+00.00	1413+50.00	0.0	0.4	250.0	250.0	250.0	250.0	23.0	2.0	20.0	2.0	23.0	2.0	20.0	2.0	6.0	142.4	4.0	250.0	250.0	250.0	250.0	10.0	4.0	10.0	4.0
1413+50.00	1416+00.00	0.0	0.4	250.0	250.0	250.0	250.0	23.0	2.0	20.0	2.0	23.0	2.0	20.0	2.0	6.0	142.4	4.0	250.0	250.0	250.0	250.0	10.0	4.0	10.0	4.0
1416+00.00	1418+38.64	0.0	0.4	238.6	238.6	238.6	238.6	0.0		0.0		0.0		0.0		0.0	0.0	0.0	238.6	238.6	238.6	238.6	0.0	0.0	0.0	0.0
1418+38.64 BK =	1418+38.81 AH	STA EQUATION		0.0	0.0	0.0	0.0	0.0		0.0		0.0		0.0		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1418+38.81	1418+50.00	0.0	0.4	11.2	11.2	11.2	11.2	23.0	2.0	20.0	2.0	23.0	2.0	20.0	2.0	6.0	142.4	4.0	11.2	11.2	11.2	11.2	10.0	4.0	10.0	4.0
1418+50.00	1421+00.00	0.0	0.4	250.0	250.0	250.0	250.0	23.0	2.0	20.0	2.0	23.0	2.0	20.0	2.0	6.0	142.4	4.0	250.0	250.0	250.0	250.0	10.0	4.0	10.0	4.0
1421+00.00	1423+50.00	0.0	0.4	250.0	250.0	250.0	250.0	23.0	2.0	20.0	2.0	23.0	2.0	20.0	2.0	6.0	142.4	4.0	250.0	250.0	250.0	250.0	10.0	4.0	10.0	4.0
1423+50.00	1426+00.00	0.0	0.4	250.0	250.0	250.0	250.0	23.0	2.0	20.0	2.0	23.0	2.0	20.0	2.0	6.0	142.4	4.0	250.0	250.0	250.0	250.0	10.0	4.0	10.0	4.0
1426+00.00	1428+50.00	0.0	0.4	250.0	250.0	250.0	250.0	23.0	2.0	20.0	2.0	23.0	2.0	20.0	2.0	6.0	142.4	4.0	250.0	250.0	250.0	250.0	10.0	4.0	10.0	4.0
1428+50.00	1431+00.00	0.0	0.4	250.0	250.0	250.0	250.0	23.0	2.0	20.0	2.0	23.0	2.0	20.0	2.0	6.0	142.4	4.0	250.0	250.0	250.0	250.0	10.0	4.0	10.0	4.0
1431+00.00	1433+50.00	0.0	0.4	250.0	250.0	250.0	250.0	23.0	2.0	20.0	2.0	23.0	2.0	20.0	2.0	6.0	142.4	4.0	250.0	250.0	250.0	250.0	10.0	4.0	10.0	4.0
1433+50.00	1436+00.00	0.0	0.4	250.0	250.0	250.0	250.0	23.0	2.0	20.0	2.0	23.0	2.0	20.0	2.0	6.0	142.4	4.0	250.0	250.0	250.0	250.0	10.0	4.0	10.0	4.0
1436+00.00	1438+50.00	0.0	0.4	250.0	250.0	250.0	250.0	23.0	2.0	20.0	2.0	23.0	2.0	20.0	2.0	6.0	142.4	4.0	250.0	250.0	250.0	250.0	10.0	4.0	10.0	4.0
1438+50.00	1441+00.00	0.0	0.4	250.0	250.0	250.0	250.0	23.0	2.0	20.0	2.0	23.0	2.0	20.0	2.0	6.0	142.4	4.0	250.0	250.0	250.0	250.0	10.0	4.0	10.0	4.0
1441+00.00	1443+50.00	0.0	0.4	250.0	250.0	250.0	250.0	23.0	2.0	20.0	2.0	23.0	2.0	20.0	2.0	6.0	142.4	4.0	250.0	250.0	250.0	250.0	10.0	4.0	10.0	4.0
1443+50.00	1446+00.00	0.0	0.4	250.0	250.0	250.0	250.0	23.0	2.0	20.0	2.0	23.0	2.0	20.0	2.0	6.0	142.4	4.0	250.0	250.0	250.0	250.0	10.0	4.0	10.0	4.0
1446+00.00	1448+50.00	0.0	0.4	250.0	250.0	250.0	250.0	23.0	2.0	20.0	2.0	23.0	2.0	20.0	2.0	6.0	142.4	4.0	250.0	250.0	250.0	250.0	10.0	4.0	10.0	4.0
1448+50.00	1451+00.00	0.0	0.4	250.0	250.0	250.0	250.0	23.0	2.0	20.0	2.0	23.0	2.0	20.0	2.0	6.0	142.4	4.0	250.0	250.0	250.0	250.0	10.0	4.0	10.0	4.0
1451+00.00	1456+00.00	+2.5	PGL	500.0	500.0	500.0	500.0	23.0	2.0	20.0	2.0	23.0	2.0	20.0	2.0	6.0	142.4	4.0	500.0	500.0	500.0	500.0	10.0	4.0	10.0	4.0
1456+00.00	1461+00.00	+2.5	PGL	500.0	500.0	500.0	500.0	23.0	2.0	20.0	2.0	23.0	2.0	20.0	2.0	6.0	142.4	4.0	500.0	500.0	500.0	500.0	10.0	4.0	10.0	4.0
1461+00.00	1462+63.50	+2.5	PGL	163.5	163.5	163.5	163.5	0.0		0.0		0.0		0.0		0.0	0.0	0.0	163.5	163.5	163.5	163.5	0.0	0.0	0.0	0.0
1462+63.50 BK =	1521+78.59 AH	STA EQUATION		0.0	0.0	0.0	0.0	0.0		0.0		0.0		0.0		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1521+78.59	1523+80.00	+2.5	PGL	201.4	201.4	201.4	201.4	0.0		0.0		0.0		0.0		0.0	0.0	0.0	201.4	201.4	201.4	201.4	0.0	0.0	0.0	0.0
	SHEET TOTALS			15,164.7	15,164.7	15,164.7	15,164.7	897.0		780.0		897.0		780.0		228.0	5,411.2	152.0	15,164.7	15,164.7	15,164.7	15,164.7	380.0	152.0	380.0	152.0
	PROJECT TOTALS			41,428.7	41,828.7	41,111.7	41,828.7	2,530.0		2,260.0		2,553.0		2,260.0		646.5	15,343.6	431.0	41,428.7	41,828.7	41,111.7	41,828.7	1,070.0	432.0	1,080.0	432.0

• EFFINGHAM & FAYETTE

FILE NAME = c:\pw_work\pwidot\swartzrw\d0186577\D774469-sht-sch.dgn	USER NAME = swartzrw	DESIGNED -	REVISED -
		DRAWN -	REVISED -
	PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -
	PLOT DATE = 6/5/2014	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES

SCALE: NA | SHEET NO. 3 OF 16 SHEETS | STA. | TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
70	(26-5,26-5-1,25-1-1)R	•	92	17
		CONTRACT NO. 74469		
		ILLINOIS FED. AID PROJECT		

REMOVAL SCHEDULE

STATION TO STATION	LENGTH	PAVED SHOULDER REMOVAL	HOT-MIX ASPHALT SURFACE REMOVAL, 6"	PAVEMENT REMOVAL	EARTH EXCAVATION (SPECIAL)	HOT-MIX ASPHALT SURFACE REMOVAL, 2"	HOT-MIX ASPHALT SURFACE REMOVAL, 3"	HOT-MIX ASPHALT SURFACE REMOVAL, 4"	HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH	HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2"	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT
	FOOT	SQ YD	SQ YD	SQ YD	CU YD	SQ YD	SQ YD	SQ YD	SQ YD	SQ YD	SQ YD
EB I-70											
1036+00.00 TO 1043+44.00	744.0	661.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1043+44.00 TO 1045+19.00	175.0	155.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	288.9
1045+19.00 TO 1056+45.00	1126.0	1000.9	3002.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1056+45.00 TO 1057+45.00	100.0	88.9	266.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1057+45.00 TO 1068+15.00	1070.0	951.1	2853.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1068+15.00 TO 1077+95.00	980.0	871.1	0.0	2613.3	1179.6	1088.9	0.0	0.0	0.0	0.0	0.0
1077+95.00 TO 1086+30.00	835.0	742.2	2226.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1086+30.00 TO 1087+30.00	100.0	88.9	266.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1087+30.00 TO 1100+60.00	1330.0	1182.2	3546.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1100+60.00 TO 1101+60.00	100.0	88.9	266.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1101+60.00 TO 1124+80.00	2320.0	2062.2	6186.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1124+78.00 TO 1131+51.00	673.0	598.2	2618.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1131+51.00 TO 1138+90.00	739.0	656.9	1970.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1138+90.00 TO 1148+70.00	980.0	871.1	0.0	2613.3	13413.8	0.0	0.0	1088.9	0.0	0.0	0.0
1148+70.00 TO 1152+32.00	362.0	321.8	965.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1152+32.00 TO 1153+50.00	118.0	104.9	314.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1153+50.00 TO 1154+50.00	100.0	88.9	451.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1154+50.00 TO 1163+19.00	869.0	772.4	3240.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1163+19.00 TO 1167+85.00	466.0	414.2	1242.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1167+85.00 TO 1169+40.00	155.0	137.8	413.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1169+40.00 TO 1170+70.00	130.0	115.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	288.9
1170+70.00 TO 1173+20.00	250.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1173+20.00 TO 1174+50.00	130.0	115.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	288.9
1174+50.00 TO 1176+05.00	155.0	137.8	413.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1176+05.00 TO 1217+20.00	4115.0	3657.8	10973.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1217+20.00 TO 1218+20.00	100.0	88.9	266.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1218+20.00 TO 1237+65.00	1945.0	1728.9	5186.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1237+65.00 TO 1247+45.00	980.0	871.1	0.0	2613.3	1179.6	1088.9	0.0	0.0	0.0	0.0	0.0
1247+45.00 TO 1269+70.00	2225.0	1977.8	5933.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1269+70.00 TO 1270+70.00	100.0	88.9	266.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1270+70.00 TO 1278+05.00	735.0	653.3	1960.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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	PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -
	PLOT DATE = 6/5/2014	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES

SCALE: NA | SHEET NO. 4 OF 16 SHEETS | STA. | TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
70	(26-5,26-5-1,25-1-1)R	•	92	18
			CONTRACT NO. 74469	
		ILLINOIS FED. AID PROJECT		

REMOVAL SCHEDULE (CONTINUED)

STATION TO STATION	LENGTH	PAVED SHOULDER REMOVAL	HOT-MIX ASPHALT SURFACE REMOVAL, 6"	PAVEMENT REMOVAL	EARTH EXCAVATION (SPECIAL)	HOT-MIX ASPHALT SURFACE REMOVAL, 2"	HOT-MIX ASPHALT SURFACE REMOVAL, 3"	HOT-MIX ASPHALT SURFACE REMOVAL, 4"	HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH	HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2"	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT
	FOOT	SQ YD	SQ YD	SQ YD	CU YD	SQ YD	SQ YD	SQ YD	SQ YD	SQ YD	SQ YD
EB I-70 (CONTINUED)											
1278+05.00 TO 1279+05.00	100.0	88.9	266.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1279+05.00 TO 1285+05.00	600.0	533.3	1600.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1285+05.00 TO 1286+86.00	181.0	160.9	482.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1286+86.00 TO 1294+95.00	809.0	719.1	2157.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1294+95.00 TO 1300+02.98	508.0	451.5	0.0	1354.6	649.1	0.0	564.4	0.0	0.0	0.0	0.0
1300+02.98 TO 1304+75.00	472.0	419.6	0.0	1258.7	603.1	0.0	524.5	0.0	0.0	0.0	0.0
1304+75.00 TO 1314+50.00	975.0	866.7	2600.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1314+50.00 TO 1315+50.00	100.0	88.9	266.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1315+50.00 TO 1361+00.00	4550.0	4044.4	12133.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1361+00.00 TO 1362+00.00	100.0	88.9	266.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1362+00.00 TO 1383+15.00	2115.0	1880.0	5640.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1383+15.00 TO 1384+45.00	130.0	115.6	346.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1384+45.00 TO 1399+50.00	1505.0	1337.8	4013.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1399+50.00 TO 1400+50.00	100.0	88.9	266.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1400+50.00 TO 1409+80.00	930.0	826.7	2480.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1409+85.00 TO 1410+85.00	100.0	88.9	266.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1410+85.00 TO 1414+20.00	335.0	297.8	893.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1414+20.00 TO 1418+38.64	418.6	372.1	0.0	1116.4	534.9	0.0	465.2	0.0	0.0	0.0	0.0
1418+38.64 BK= 1418+38.81AH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1418+38.81 TO 1424+00.00	561.2	498.8	0.0	1496.5	717.1	0.0	623.5	0.0	0.0	0.0	0.0
1424+00.00 TO 1436+50.00	1250.0	1111.1	3333.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1436+50.00 TO 1437+50.00	100.0	88.9	266.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1437+50.00 TO 1449+50.00	1200.0	1066.7	3200.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1449+50.00 TO 1450+50.00	100.0	88.9	266.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1450+50.00 TO 1461+85.00	1135.0	1008.9	3026.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1461+85.00 TO 1462+63.50	78.5	69.8	209.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1462+63.50 BK= 1521+78.59AH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1521+78.59 TO 1522+55.00	76.4	67.9	203.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1522+55.00 TO 1523+85.00	130.0	115.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	288.9
EB I-70 TOTALS		37881.5	99019.9	13066.2	18277.2	2177.8	2177.6	1088.9	0.0	0.0	1155.6

• EFFINGHAM & FAYETTE

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	PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -
	PLOT DATE = 6/5/2014	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES

SCALE: NA | SHEET NO. 5 OF 16 SHEETS | STA. | TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
70	(26-5,26-5-1,25-1-1)R	•	92	19
			CONTRACT NO. 74469	
		ILLINOIS	FED. AID PROJECT	

REMOVAL SCHEDULE (CONTINUED)

STATION TO STATION	LENGTH	PAVED SHOULDER REMOVAL	HOT-MIX ASPHALT SURFACE REMOVAL, 6''	PAVEMENT REMOVAL	EARTH EXCAVATION (SPECIAL)	HOT-MIX ASPHALT SURFACE REMOVAL, 2''	HOT-MIX ASPHALT SURFACE REMOVAL, 3''	HOT-MIX ASPHALT SURFACE REMOVAL, 4''	HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH	HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2''	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT
	FOOT	SQ YD	SQ YD	SQ YD	CU YD	SQ YD	SQ YD	SQ YD	SQ YD	SQ YD	SQ YD
WB I-70											
1043+44.00 TO 1045+19.00	175.0	155.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	288.9
1045+19.00 TO 1056+15.00	1096.0	974.2	2922.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1056+15.00 TO 1057+15.00	100.0	88.9	266.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1057+15.00 TO 1068+45.00	1130.0	1004.4	3013.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1068+45.00 TO 1078+50.00	1005.0	893.3	0.0	2680.0	1209.7	1116.7	0.0	0.0	0.0	0.0	0.0
1078+50.00 TO 1086+30.00	780.0	693.3	2080.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1086+30.00 TO 1087+30.00	100.0	88.9	266.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1087+30.00 TO 1100+95.00	1365.0	1213.3	3640.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1100+95.00 TO 1101+95.00	100.0	88.9	266.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1101+95.00 TO 1124+81.00	2286.0	2032.0	6096.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1124+81.00 TO 1132+50.00	769.0	683.6	2793.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1132+50.00 TO 1133+50.00	100.0	88.9	459.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1133+50.00 TO 1135+62.00	212.0	188.4	693.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1135+62.00 TO 1139+25.00	363.0	322.7	968.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1139+25.00 TO 1149+05.00	980.0	871.1	0.0	2613.3	1324.8	0.0	0.0	1088.9	0.0	0.0	0.0
1149+05.00 TO 1156+43.00	738.0	656.0	1968.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1156+43.00 TO 1163+16.00	673.0	598.2	2615.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1163+16.00 TO 1168+20.00	504.0	448.0	1344.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1168+20.00 TO 1169+75.00	155.0	137.8	413.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1169+75.00 TO 1171+05.00	130.0	115.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	288.9
1171+05.00 TO 1173+50.00	245.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1173+50.00 TO 1174+80.00	130.0	115.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	288.9
1174+80.00 TO 1176+35.00	155.0	137.8	413.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1176+35.00 TO 1191+50.00	1515.0	1346.7	4040.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1191+50.00 TO 1192+50.00	100.0	88.9	266.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1192+50.00 TO 1210+50.00	1800.0	1600.0	4800.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1210+50.00 TO 1211+50.00	100.0	88.9	266.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1211+50.00 TO 1217+20.00	570.0	506.7	1520.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1217+20.00 TO 1218+20.00	100.0	88.9	266.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1218+20.00 TO 1225+50.00	730.0	648.9	1946.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1225+50.00 TO 1226+50.00	100.0	88.9	266.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1226+50.00 TO 1237+95.00	1145.0	1017.8	3053.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES

SCALE: NA | SHEET NO. 6 OF 16 SHEETS | STA. | TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
70	(26-5,26-5-1,25-1-1)R	•	92	20
			CONTRACT NO. 74469	
		ILLINOIS	FED. AID PROJECT	

REMOVAL SCHEDULE (CONTINUED)

STATION TO STATION	LENGTH	PAVED SHOULDER REMOVAL	HOT-MIX ASPHALT SURFACE REMOVAL, 6"	PAVEMENT REMOVAL	EARTH EXCAVATION (SPECIAL)	HOT-MIX ASPHALT SURFACE REMOVAL, 2"	HOT-MIX ASPHALT SURFACE REMOVAL, 3"	HOT-MIX ASPHALT SURFACE REMOVAL, 4"	HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH	HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2"	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT
	FOOT	SQ YD	SQ YD	SQ YD	CU YD	SQ YD	SQ YD	SQ YD	SQ YD	SQ YD	SQ YD
WB I-70 (CONTINUED)											
1237+95.00 TO 1247+75.00	980.0	871.1	0.0	2613.3	1252.2	0.0	1088.9	0.0	0.0	0.0	0.0
1247+75.00 TO 1269+30.00	2155.0	1915.6	5746.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1269+30.00 TO 1270+30.00	100.0	88.9	266.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1270+30.00 TO 1277+65.00	735.0	653.3	1960.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1277+65.00 TO 1278+65.00	100.0	88.9	266.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1278+65.00 TO 1285+45.00	680.0	604.4	1813.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1285+45.00 TO 1287+22.00	177.0	157.3	472.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1287+22.00 TO 1295+30.00	808.0	718.2	2154.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1295+30.00 TO 1300+02.98	473.0	420.4	0.0	1261.3	569.3	525.5	0.0	0.0	0.0	0.0	0.0
1300+02.98 TO 1305+10.00	507.0	450.7	0.0	1352.1	610.3	563.4	0.0	0.0	0.0	0.0	0.0
1305+10.00 TO 1354+50.00	4940.0	4391.1	13173.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1354+50.00 TO 1355+50.00	100.0	88.9	266.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1355+50.00 TO 1361+30.00	580.0	515.6	1546.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1361+30.00 TO 1362+30.00	100.0	88.9	266.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1362+30.00 TO 1374+50.00	1220.0	1084.4	3253.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1374+50.00 TO 1375+50.00	100.0	88.9	266.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1375+50.00 TO 1383+15.00	765.0	680.0	2040.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1383+15.00 TO 1385+75.00	260.0	231.1	693.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1385+75.00 TO 1410+00.00	2425.0	2155.6	6466.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1410+00.00 TO 1411+00.00	100.0	88.9	266.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1411+00.00 TO 1414+55.00	355.0	315.6	946.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1414+55.00 TO 1418+38.60	383.6	341.0	0.0	1022.9	490.2	0.0	426.2	0.0	0.0	0.0	0.0
1418+38.60 BK= 1418+38.81AH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1418+38.81 TO 1424+35.00	596.2	529.9	0.0	1589.8	761.8	0.0	662.4	0.0	0.0	0.0	0.0
1424+35.00 TO 1462+20.00	3785.0	3364.4	10093.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1462+20.00 TO 1462+63.50	43.5	38.7	116.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1462+63.50 BK= 1521+78.59AH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1521+78.59 TO 1522+90.00	111.4	99.0	297.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1522+90.00 TO 1524+20.00	130.0	115.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	288.9
1524+20.00 TO 1531+50.00	730.0	648.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
WB I-70 TOTALS		37907.3	99020.5	13132.8	6218.3	2205.6	2177.5	1088.9	0.0	0.0	1155.6

• EFFINGHAM & FAYETTE

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	PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -
	PLOT DATE = 6/5/2014	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES

SCALE: NA | SHEET NO. 7 OF 16 SHEETS | STA. | TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
70	(26-5,26-5-1,25-1-1)R	•	92	21
			CONTRACT NO. 74469	
		ILLINOIS	FED. AID PROJECT	

REMOVAL SCHEDULE (CONTINUED)

STATION TO STATION	LENGTH	PAVED SHOULDER REMOVAL	HOT-MIX ASPHALT SURFACE REMOVAL, 6''	PAVEMENT REMOVAL	EARTH EXCAVATION (SPECIAL)	HOT-MIX ASPHALT SURFACE REMOVAL, 2''	HOT-MIX ASPHALT SURFACE REMOVAL, 3''	HOT-MIX ASPHALT SURFACE REMOVAL, 4''	HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH	HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2''	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT
	FOOT	SQ YD	SQ YD	SQ YD	CU YD	SQ YD	SQ YD	SQ YD	SQ YD	SQ YD	SQ YD
RAMP D											
8+41.17 TO 9+84.00	142.8	0.0	484.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9+84.00 TO 11+04.00	120.0	0.0	186.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11+04.00 TO 20+00.00	896.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2588.4	0.0	0.0
20+00.00 TO 20+50.00	50.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	144.4	0.0
20+50.00 TO 21+43.00	93.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	655.7	0.0
RAMP C											
0+13.00 TO 1+10.00	97.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	623.1	0.0
1+10.00 TO 1+60.00	50.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	160.6	0.0
1+60.00 TO 10+93.00	933.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2695.3	0.0	0.0
10+93.00 TO 12+13.00	120.0	0.0	186.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12+13.00 TO 13+42.77	129.8	0.0	362.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
RAMP A											
0+00.00 TO 1+30.00	130.0	0.0	362.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1+30.00 TO 2+50.00	120.0	0.0	186.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2+50.00 TO 11+75.00	925.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2672.2	0.0	0.0
11+75.00 TO 12+25.00	50.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	154.6	0.0
12+25.00 TO 13+30.00	105.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	630.5	0.0
RAMP B											
0+11.00 TO 1+00.00	89.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	647.5	0.0
1+00.00 TO 1+50.00	50.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	144.4	0.0
1+50.00 TO 10+50.00	900.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2600.0	0.0	0.0
10+50.00 TO 11+70.00	120.0	0.0	186.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11+70.00 TO 13+12.76	142.8	0.0	483.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
RAMP TOTALS		0.0	2439.7	0.0	0.0	0.0	0.0	0.0	10556.0	3161.0	0.0
TOTALS		75789.0	200480.0	26199.0	24496.0	4383.0	4355.0	2178.0	10556.0	3161.0	2311.0

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	PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -
	PLOT DATE = 6/5/2014	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES

SCALE: NA | SHEET NO. 8 OF 16 SHEETS | STA. | TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
70	(26-5,26-5-1,25-1-1)R	•	92	22
			CONTRACT NO. 74469	
		ILLINOIS	FED. AID PROJECT	

RESURFACING SCHEDULE

STATION TO STATION	LENGTH	HOT-MIX ASPHALT SHOULDERS, 13"	RUBBLIZING PORTLAND CEMENT CONCRETE PAVEMENT	TRIAXIAL GEOGRID REINFORCEMENT, TYPE I	SUBBASE GRANULAR MATERIAL (SPECIAL)	BITUMINOUS MATERIALS (PRIME COAT)	HOT-MIX ASPHALT BASE COURSE, 4 3/4"	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N90	POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-19.0 FG, N105	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, STONE MATRIX ASPHALT, N80	LEVELING BINDER (MACHINE METHOD), N90	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N90	HOT-MIX ASPHALT SHOULDERS	AGGREGATE WEDGE SHOULDER, TYPE B	SHOULDER RUMBLE STRIPS, 16 INCH	TEMPORARY RAMP	MATERIAL TRANSFER DEVICE
	FOOT	SQ YD	SQ YD	SQ YD	CU YD	POUND	SQ YD	TON	TON	TON	TON	TON	TON	TON	FOOT	SQ YD	TON
EB I-70																	
1036+00.00 TO 1043+44.00	744.0	826.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1488.0	0.0	0.0
1043+44.00 TO 1045+19.00	175.0	194.4	0.0	0.0	0.0	735.0	0.0	8.5	20.7	60.7	0.0	0.0	46.3	50.4	350.0	66.7	81.4
1045+19.00 TO 1056+45.00	1126.0	1251.1	3002.7	0.0	0.0	2026.8	0.0	1202.2	422.7	390.3	0.0	0.0	400.2	324.2	2252.0	0.0	813.0
1056+45.00 TO 1057+45.00	100.0	111.1	0.0	0.0	0.0	420.0	0.0	106.8	37.5	34.7	0.0	0.0	33.0	28.8	200.0	0.0	72.2
1057+45.00 TO 1068+15.00	1070.0	1188.9	2853.3	0.0	0.0	3852.0	0.0	1142.4	401.7	370.9	0.0	0.0	352.9	308.0	2140.0	0.0	772.6
1068+15.00 TO 1077+95.00	980.0	1088.9	0.0	2613.3	1161.5	3724.0	2613.3	1024.4	367.9	339.7	0.0	0.0	195.1	37.2	1960.0	0.0	707.6
1077+95.00 TO 1086+30.00	835.0	927.8	2226.7	0.0	0.0	3006.0	0.0	891.5	313.4	289.5	0.0	0.0	275.4	240.4	1670.0	0.0	602.9
1086+30.00 TO 1087+30.00	100.0	111.1	0.0	0.0	0.0	420.0	0.0	106.8	37.5	34.7	0.0	0.0	33.0	28.8	200.0	0.0	72.2
1087+30.00 TO 1100+60.00	1330.0	1477.8	3546.7	0.0	0.0	4788.0	0.0	1420.1	499.3	461.1	0.0	0.0	438.6	382.9	2660.0	0.0	960.4
1100+60.00 TO 1101+60.00	100.0	111.1	0.0	0.0	0.0	420.0	0.0	106.8	37.5	34.7	0.0	0.0	33.0	28.8	200.0	0.0	72.2
1101+60.00 TO 1124+80.00	2320.0	2577.8	6186.7	0.0	0.0	8352.0	0.0	2477.1	870.9	804.3	0.0	0.0	765.1	667.9	4640.0	0.0	1675.2
1124+78.00 TO 1131+51.00	673.0	747.8	1794.7	0.0	0.0	3164.1	0.0	1041.5	367.9	340.4	0.0	0.0	221.9	193.7	673.0	0.0	708.3
1131+51.00 TO 1138+90.00	739.0	821.1	1970.7	0.0	0.0	2660.4	0.0	789.0	277.4	256.2	0.0	0.0	243.7	212.7	1478.0	0.0	533.6
1138+90.00 TO 1148+70.00	980.0	1088.9	0.0	26460.0	11760.0	3724.0	26460.0	1046.4	367.9	339.7	0.0	0.0	195.1	37.2	1960.0	0.0	707.6
1148+70.00 TO 1152+32.00	362.0	402.2	965.3	0.0	0.0	1303.2	0.0	386.5	135.9	125.5	0.0	0.0	119.4	104.2	724.0	0.0	261.4
1152+32.00 TO 1153+50.00	118.0	131.1	314.7	0.0	0.0	424.8	0.0	126.0	44.3	40.9	0.0	0.0	38.9	34.0	118.0	0.0	85.2
1153+50.00 TO 1154+50.00	100.0	111.1	0.0	0.0	0.0	628.3	0.0	179.4	63.5	58.7	0.0	0.0	33.0	28.8	100.0	0.0	122.2
1154+50.00 TO 1163+19.00	869.0	965.6	2317.3	0.0	0.0	3959.4	0.0	1289.8	455.5	421.3	0.0	0.0	286.6	250.2	869.0	0.0	876.8
1163+19.00 TO 1167+85.00	466.0	517.8	1242.7	0.0	0.0	1677.6	0.0	497.6	174.9	161.5	0.0	0.0	153.7	134.2	932.0	0.0	336.4
1167+85.00 TO 1169+40.00	155.0	172.2	0.0	0.0	0.0	651.0	0.0	91.6	58.2	53.7	0.0	0.0	51.1	44.6	310.0	0.0	111.9
1169+40.00 TO 1170+70.00	130.0	144.4	0.0	0.0	0.0	546.0	0.0	7.4	24.4	45.1	0.0	0.0	34.4	37.4	260.0	66.7	69.5
1170+70.00 TO 1173+20.00	250.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	11.1	0.0	0.0	0.0
1173+20.00 TO 1174+50.00	130.0	144.4	0.0	0.0	0.0	546.0	0.0	7.4	24.4	45.1	0.0	0.0	34.4	37.4	260.0	66.7	69.5
1174+50.00 TO 1176+05.00	155.0	172.2	0.0	0.0	0.0	651.0	0.0	91.6	58.2	53.7	0.0	0.0	51.1	44.6	310.0	0.0	111.9
1176+05.00 TO 1217+20.00	4115.0	4572.2	10973.3	0.0	0.0	14814.0	0.0	4393.6	1544.7	1426.5	0.0	0.0	1385.9	1184.7	8230.0	0.0	2971.2
1217+20.00 TO 1218+20.00	100.0	111.1	0.0	0.0	0.0	420.0	0.0	106.8	37.5	34.7	0.0	0.0	33.0	28.8	200.0	0.0	72.2
1218+20.00 TO 1237+65.00	1945.0	2161.1	5186.7	0.0	0.0	7002.0	0.0	2076.7	730.1	674.3	0.0	0.0	641.4	559.9	3890.0	0.0	1404.4
1237+65.00 TO 1247+45.00	980.0	1088.9	0.0	2613.3	1161.5	3724.0	2613.3	1024.4	365.9	339.7	0.0	0.0	195.1	37.2	1960.0	0.0	705.6
1247+45.00 TO 1269+70.00	2225.0	2472.2	5933.3	0.0	0.0	8010.0	0.0	2375.6	835.2	771.3	0.0	0.0	733.8	640.5	4450.0	0.0	1606.5
1269+70.00 TO 1270+70.00	100.0	111.1	0.0	0.0	0.0	420.0	0.0	106.8	37.5	34.7	0.0	0.0	33.0	28.8	200.0	0.0	72.2
1270+70.00 TO 1278+05.00	735.0	816.7	1960.0	0.0	0.0	2646.0	0.0	784.8	275.9	254.8	0.0	0.0	242.4	211.6	1470.0	0.0	530.7

• EFFINGHAM & FAYETTE

FILE NAME = c:\pw_work\pwidot\swartzrw\d0186577\D774469-sht-sch.dgn	USER NAME = swartzrw	DESIGNED -	REVISED -
		DRAWN -	REVISED -
	PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -
	PLOT DATE = 6/5/2014	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES

SCALE: NA | SHEET NO. 9 OF 16 SHEETS | STA. | TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
70	(26-5,26-5-1,25-1-1)R	•	92	23
		CONTRACT NO. 74469		
	ILLINOIS FED. AID PROJECT			

RESURFACING SCHEDULE (CONTINUED)

STATION TO STATION	LENGTH	HOT-MIX ASPHALT SHOULDERS, 13"	RUBBLIZING PORTLAND CEMENT CONCRETE PAVEMENT	TRIAXIAL GEOGRID REINFORCEMENT, TYPE I	SUBBASE GRANULAR MATERIAL (SPECIAL)	BITUMINOUS MATERIALS (PRIME COAT)	HOT-MIX ASPHALT BASE COURSE, 4 3/4"	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N90	POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-19.0 FG, N105	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, STONE MATRIX ASPHALT, N80	LEVELING BINDER (MACHINE METHOD), N90	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N90	HOT-MIX ASPHALT SHOULDERS	AGGREGATE WEDGE SHOULDER, TYPE B	SHOULDER RUMBLE STRIPS, 16 INCH	TEMPORARY RAMP	MATERIAL TRANSFER DEVICE
	FOOT	SQ YD	SQ YD	SQ YD	CU YD	POUND	SQ YD	TON	TON	TON	TON	TON	TON	TON	FOOT	SQ YD	TON
EB I-70 (CONTINUED)																	
1278+05.00 TO 1279+05.00	100.0	111.1	0.0	0.0	0.0	420.0	0.0	106.8	37.5	34.7	0.0	0.0	33.0	28.8	200.0	0.0	72.2
1279+05.00 TO 1285+05.00	600.0	666.7	1600.0	0.0	0.0	2160.0	0.0	640.6	225.2	208.0	0.0	0.0	197.9	172.7	1200.0	0.0	433.2
1285+05.00 TO 1286+86.00	181.0	201.1	0.0	0.0	0.0	760.2	0.0	193.3	67.9	62.7	0.0	0.0	59.7	52.1	362.0	0.0	130.6
1286+86.00 TO 1294+95.00	809.0	898.9	2157.3	0.0	0.0	2912.4	0.0	863.8	303.7	280.5	0.0	0.0	266.8	232.9	1618.0	0.0	584.2
1294+95.00 TO 1300+02.98	508.0	564.4	0.0	1354.6	602.1	1930.3	1354.6	531.0	189.6	176.1	0.0	0.0	101.1	19.3	1016.0	0.0	365.7
1300+02.98 TO 1304+75.00	472.0	524.5	0.0	1258.7	559.4	1793.7	1258.7	493.4	176.2	163.6	0.0	0.0	94.0	17.9	944.0	0.0	339.8
1304+75.00 TO 1314+50.00	975.0	1083.3	2600.0	0.0	0.0	3510.0	0.0	1041.0	366.0	338.0	0.0	0.0	321.5	280.7	1950.0	0.0	704.0
1314+50.00 TO 1315+50.00	100.0	111.1	0.0	0.0	0.0	420.0	0.0	106.8	37.5	34.7	0.0	0.0	33.0	28.8	200.0	0.0	72.2
1315+50.00 TO 1361+00.00	4550.0	5055.6	12133.3	0.0	0.0	16380.0	0.0	4858.1	1708.0	1577.3	0.0	0.0	1529.4	1309.9	9100.0	0.0	3285.3
1361+00.00 TO 1362+00.00	100.0	111.1	0.0	0.0	0.0	420.0	0.0	106.8	37.5	34.7	0.0	0.0	33.0	28.8	200.0	0.0	72.2
1362+00.00 TO 1383+15.00	2115.0	2350.0	5640.0	0.0	0.0	7614.0	0.0	2258.2	793.9	733.2	0.0	0.0	697.5	608.9	4230.0	0.0	1527.1
1383+15.00 TO 1384+45.00	130.0	144.4	0.0	0.0	0.0	546.0	0.0	138.8	48.8	45.1	0.0	0.0	42.9	37.4	260.0	0.0	93.9
1384+45.00 TO 1399+50.00	1505.0	1672.2	4013.3	0.0	0.0	5418.0	0.0	1606.9	564.9	521.7	0.0	0.0	496.3	433.3	3010.0	0.0	1086.6
1399+50.00 TO 1400+50.00	100.0	111.1	0.0	0.0	0.0	420.0	0.0	106.8	37.5	34.7	0.0	0.0	33.0	28.8	200.0	0.0	72.2
1400+50.00 TO 1409+80.00	930.0	1033.3	2480.0	0.0	0.0	3348.0	0.0	993.0	349.1	322.4	0.0	0.0	306.7	267.7	1860.0	0.0	671.5
1409+85.00 TO 1410+85.00	100.0	111.1	0.0	0.0	0.0	420.0	0.0	106.8	37.5	34.7	0.0	0.0	33.0	28.8	200.0	0.0	72.2
1410+85.00 TO 1414+20.00	335.0	372.2	893.3	0.0	0.0	1206.0	0.0	357.7	125.8	116.1	0.0	0.0	110.5	96.4	670.0	0.0	241.9
1414+20.00 TO 1418+38.64	418.6	465.2	0.0	1116.4	496.2	1590.8	1116.4	437.6	156.3	145.1	0.0	0.0	83.4	15.9	837.3	0.0	301.4
1418+38.64 BK= 1418+38.81AH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1418+38.81 TO 1424+00.00	561.2	623.5	0.0	1496.5	665.1	2132.5	1496.5	586.6	209.5	194.5	0.0	0.0	111.7	21.3	1122.4	0.0	404.0
1424+00.00 TO 1436+50.00	1250.0	1388.9	3333.3	0.0	0.0	4500.0	0.0	1334.6	469.2	433.3	0.0	0.0	412.2	359.9	2500.0	0.0	902.5
1436+50.00 TO 1437+50.00	100.0	111.1	0.0	0.0	0.0	420.0	0.0	106.8	37.5	34.7	0.0	0.0	33.0	28.8	200.0	0.0	72.2
1437+50.00 TO 1449+50.00	1200.0	1333.3	3200.0	0.0	0.0	4320.0	0.0	1281.2	450.5	416.0	0.0	0.0	395.7	345.5	2400.0	0.0	866.5
1449+50.00 TO 1450+50.00	100.0	111.1	0.0	0.0	0.0	420.0	0.0	106.8	37.5	34.7	0.0	0.0	33.0	28.8	200.0	0.0	72.2
1450+50.00 TO 1461+85.00	1135.0	1261.1	3026.7	0.0	0.0	4086.0	0.0	1211.8	426.1	393.5	0.0	0.0	374.3	326.8	2270.0	0.0	819.6
1461+85.00 TO 1462+63.50	78.5	87.2	0.0	0.0	0.0	329.7	0.0	45.5	45.5	27.2	0.0	0.0	25.9	22.6	157.0	0.0	72.7
1462+63.50 BK= 1521+78.59AH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1521+78.59 TO 1522+55.00	76.4	84.9	0.0	0.0	0.0	320.9	0.0	44.2	44.2	26.5	0.0	0.0	25.2	22.0	152.8	0.0	70.7
1522+55.00 TO 1523+85.00	130.0	144.4	0.0	0.0	0.0	546.0	0.0	7.4	24.4	45.1	0.0	0.0	34.4	37.4	260.0	66.7	69.5
EB I-70 TOTALS		47351.9	91552.0	36912.9	16405.7	153060.1	36912.9	44581.8	15895.7	14767.2	0.0	0.0	13218.6	10841.1	83473.5	266.7	30662.9

RESURFACING SCHEDULE (CONTINUED)

STATION TO STATION	LENGTH	HOT-MIX ASPHALT SHOULDERS, 13"	RUBBLIZING PORTLAND CEMENT CONCRETE PAVEMENT	TRIAXIAL GEOGRID REINFORCEMENT, TYPE I	SUBBASE GRANULAR MATERIAL (SPECIAL)	BITUMINOUS MATERIALS (PRIME COAT)	HOT-MIX ASPHALT BASE COURSE, 4 3/4"	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N90	POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-19.0 FG, N105	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, STONE MATRIX ASPHALT, N80	LEVELING BINDER (MACHINE METHOD), N90	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N90	HOT-MIX ASPHALT SHOULDERS	AGGREGATE WEDGE SHOULDER, TYPE B	SHOULDER RUMBLE STRIPS, 16 INCH	TEMPORARY RAMP	MATERIAL TRANSFER DEVICE
	FOOT	SQ YD	SQ YD	SQ YD	CU YD	POUND	SQ YD	TON	TON	TON	TON	TON	TON	TON	FOOT	SQ YD	TON
WB I-70																	
1043+44.00 TO 1045+19.00	175.0	194.4	0.0	0.0	0.0	735.0	0.0	8.5		60.7	0.0	0.0	46.3	50.4	350.0	66.7	81.4
1045+19.00 TO 1056+15.00	1096.0	1217.8	2922.7	0.0	0.0	3945.6	0.0	1170.2	411.4	379.9	0.0	0.0	390.3	315.5	2192.0	0.0	791.3
1056+15.00 TO 1057+15.00	100.0	111.1	0.0	0.0	0.0	420.0	0.0	106.8	37.5	34.7	0.0	0.0	33.0	28.8	200.0	0.0	72.2
1057+15.00 TO 1068+45.00	1130.0	1255.6	3013.3	0.0	0.0	4068.0	0.0	1206.5	424.2	391.7	0.0	0.0	372.6	325.3	2260.0	0.0	815.9
1068+45.00 TO 1078+50.00	1005.0	1116.7	0.0	2680.0	1191.1	3819.0	2680.0	1050.6	375.2	348.4	0.0	0.0	200.1	38.2	2010.0	0.0	723.6
1078+50.00 TO 1086+30.00	780.0	866.7	2080.0	0.0	0.0	2808.0	0.0	832.8	292.8	270.4	0.0	0.0	257.2	224.6	1560.0	0.0	563.2
1086+30.00 TO 1087+30.00	100.0	111.1	0.0	0.0	0.0	420.0	0.0	106.8	37.5	34.7	0.0	0.0	33.0	28.8	200.0	0.0	72.2
1087+30.00 TO 1100+95.00	1365.0	1516.7	3640.0	0.0	0.0	4914.0	0.0	1457.4	512.4	473.2	0.0	0.0	450.1	393.0	2730.0	0.0	985.6
1100+95.00 TO 1101+95.00	100.0	111.1	0.0	0.0	0.0	420.0	0.0	106.8	37.5	34.7	0.0	0.0	33.0	28.8	200.0	0.0	72.2
1101+95.00 TO 1124+81.00	2286.0	2540.0	6096.0	0.0	0.0	8229.6	0.0	2440.8	858.1	792.5	0.0	0.0	753.9	658.1	4572.0	0.0	1650.6
1124+81.00 TO 1132+50.00	769.0	854.4	2050.7	0.0	0.0	3436.9	0.0	1112.2	392.6	363.1	0.0	0.0	253.6	221.4	769.0	0.0	755.7
1132+50.00 TO 1133+50.00	100.0	111.1	0.0	0.0	0.0	637.3	0.0	182.5	64.6	59.8	0.0	0.0	33.0	28.8	100.0	0.0	124.4
1133+50.00 TO 1135+62.00	212.0	235.6	565.3	0.0	0.0	878.5	0.0	276.6	97.5	90.1	0.0	0.0	69.9	61.0	212.0	0.0	187.6
1135+62.00 TO 1139+25.00	363.0	403.3	968.0	0.0	0.0	1306.8	0.0	387.6	136.3	125.8	0.0	0.0	119.7	104.5	726.0	0.0	262.1
1139+25.00 TO 1149+05.00	980.0	1088.9	0.0	2613.3	1161.5	3724.0	2613.3	1046.4	365.9	339.7	0.0	0.0	195.1	37.2	1960.0	0.0	705.6
1149+05.00 TO 1156+43.00	738.0	820.0	1968.0	0.0	0.0	2656.8	0.0	788.0	277.0	255.8	0.0	0.0	243.4	212.5	1476.0	0.0	532.8
1156+43.00 TO 1163+16.00	673.0	747.8	1794.7	0.0	0.0	3161.5	0.0	1040.3	367.5	340.0	0.0	0.0	0.0	193.7	673.0	0.0	707.5
1163+16.00 TO 1168+20.00	504.0	560.0	1344.0	0.0	0.0	1814.4	0.0	538.1	189.2	174.7	0.0	0.0	166.2	145.1	1008.0	0.0	363.9
1168+20.00 TO 1169+75.00	155.0	172.2	0.0	0.0	0.0	651.0	0.0	91.6	58.2	53.7	0.0	0.0	51.1	44.6	310.0	0.0	111.9
1169+75.00 TO 1171+05.00	130.0	144.4	0.0	0.0	0.0	546.0	0.0	7.4	24.4	45.1	0.0	0.0	34.4	37.4	260.0	66.7	69.5
1171+05.00 TO 1173+50.00	245.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1173+50.00 TO 1174+80.00	130.0	144.4	0.0	0.0	0.0	546.0	0.0	7.4	24.4	45.1	0.0	0.0	34.4	37.4	260.0	66.7	69.5
1174+80.00 TO 1176+35.00	155.0	172.2	0.0	0.0	0.0	651.0	0.0	91.6	58.2	53.7	0.0	0.0	51.1	44.6	310.0	0.0	111.9
1176+35.00 TO 1191+50.00	1515.0	1683.3	4040.0	0.0	0.0	5454.0	0.0	1617.6	568.7	525.2	0.0	0.0	499.6	436.1	3030.0	0.0	1093.9
1191+50.00 TO 1192+50.00	100.0	111.1	0.0	0.0	0.0	420.0	0.0	106.8	37.5	34.7	0.0	0.0	33.0	28.8	200.0	0.0	72.2
1192+50.00 TO 1210+50.00	1800.0	2000.0	4800.0	0.0	0.0	6480.0	0.0	1921.9	675.7	624.0	0.0	0.0	622.5	518.2	3600.0	0.0	1299.7
1210+50.00 TO 1211+50.00	100.0	111.1	0.0	0.0	0.0	420.0	0.0	106.8	37.5	34.7	0.0	0.0	33.0	28.8	200.0	0.0	72.2
1211+50.00 TO 1217+20.00	570.0	633.3	1520.0	0.0	0.0	2052.0	0.0	608.6	214.0	197.6	0.0	0.0	188.0	164.1	1140.0	0.0	411.6
1217+20.00 TO 1218+20.00	100.0	111.1	0.0	0.0	0.0	420.0	0.0	106.8	37.5	34.7	0.0	0.0	33.0	28.8	200.0	0.0	72.2
1218+20.00 TO 1225+50.00	730.0	811.1	1946.7	0.0	0.0	2628.0	0.0	779.4	274.0	253.1	0.0	0.0	240.7	210.2	1460.0	0.0	527.1
1225+50.00 TO 1226+50.00	100.0	111.1	0.0	0.0	0.0	420.0	0.0	106.8	37.5	34.7	0.0	0.0	33.0	28.8	200.0	0.0	72.2
1226+50.00 TO 1237+95.00	1145.0	1272.2	3053.3	0.0	0.0	4122.0	0.0	1222.5	429.8	396.9	0.0	0.0	377.6	329.6	2290.0	0.0	826.7

RESURFACING SCHEDULE (CONTINUED)

STATION TO STATION	LENGTH	HOT-MIX ASPHALT SHOULDERS, 13"	RUBBLIZING PORTLAND CEMENT CONCRETE PAVEMENT	TRIAXIAL GEOGRID REINFORCEMENT, TYPE I	SUBBASE GRANULAR MATERIAL (SPECIAL)	BITUMINOUS MATERIALS (PRIME COAT)	HOT-MIX ASPHALT BASE COURSE, 4 3/4"	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N90	POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-19.0 FG, N105	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, STONE MATRIX ASPHALT, N80	LEVELING BINDER (MACHINE METHOD), N90	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N90	HOT-MIX ASPHALT SHOULDERS	AGGREGATE WEDGE SHOULDER, TYPE B	SHOULDER RUMBLE STRIPS, 16 INCH	TEMPORARY RAMP	MATERIAL TRANSFER DEVICE
	FOOT	SQ YD	SQ YD	SQ YD	CU YD	POUND	SQ YD	TON	TON	TON	TON	TON	TON	TON	FOOT	SQ YD	TON
WB I-70 (CONTINUED)																	
1237+95.00 TO 1247+75.00	980.0	1088.9	0.0	2613.3	1161.5	3724.0	2613.3	1024.4	365.9	339.7	0.0	0.0	195.1	37.2	1960.0	0.0	705.6
1247+75.00 TO 1269+30.00	2155.0	2394.4	5746.7	0.0	0.0	7758.0	0.0	2300.9	808.9	747.1	0.0	0.0	710.7	620.4	4310.0	0.0	1556.0
1269+30.00 TO 1270+30.00	100.0	111.1	0.0	0.0	0.0	420.0	0.0	106.8	37.5	34.7	0.0	0.0	33.0	28.8	200.0	0.0	72.2
1270+30.00 TO 1277+65.00	735.0	816.7	1960.0	0.0	0.0	2646.0	0.0	784.8	275.9	254.8	0.0	0.0	242.4	211.6	1470.0	0.0	530.7
1277+65.00 TO 1278+65.00	100.0	111.1	0.0	0.0	0.0	420.0	0.0	106.8	37.5	34.7	0.0	0.0	33.0	28.8	200.0	0.0	72.2
1278+65.00 TO 1285+45.00	680.0	755.6	1813.3	0.0	0.0	2448.0	0.0	726.0	255.3	235.7	0.0	0.0	224.2	195.8	1360.0	0.0	491.0
1285+45.00 TO 1287+22.00	177.0	196.7	0.0	0.0	0.0	743.4	0.0	189.0	66.4	61.4	0.0	0.0	58.4	51.0	354.0	0.0	127.8
1287+22.00 TO 1295+30.00	808.0	897.8	2154.7	0.0	0.0	2908.8	0.0	862.7	303.3	280.1	0.0	0.0	266.5	232.6	1616.0	0.0	583.4
1295+30.00 TO 1300+02.98	473.0	525.5	0.0	1261.3	560.6	1797.3	1261.3	494.4	176.6	164.0	0.0	0.0	94.2	18.0	946.0	0.0	340.6
1300+02.98 TO 1305+10.00	507.0	563.4	0.0	1352.1	600.9	1926.7	1352.1	530.0	189.3	175.8	0.0	0.0	101.0	19.2	1014.0	0.0	365.1
1305+10.00 TO 1354+50.00	4940.0	5488.9	13173.3	0.0	0.0	17784.0	0.0	5274.5	1854.4	1712.5	0.0	0.0	1658.0	1422.2	9880.0	0.0	3566.9
1354+50.00 TO 1355+50.00	100.0	111.1	0.0	0.0	0.0	420.0	0.0	106.8	37.5	34.7	0.0	0.0	33.0	28.8	200.0	0.0	72.2
1355+50.00 TO 1361+30.00	580.0	644.4	1546.7	0.0	0.0	2088.0	0.0	619.3	217.7	201.1	0.0	0.0	191.3	167.0	1160.0	0.0	418.8
1361+30.00 TO 1362+30.00	100.0	111.1	0.0	0.0	0.0	420.0	0.0	106.8	37.5	34.7	0.0	0.0	33.0	28.8	200.0	0.0	72.2
1362+30.00 TO 1374+50.00	1220.0	1355.6	3253.3	0.0	0.0	4392.0	0.0	1302.6	458.0	422.9	0.0	0.0	402.3	351.2	2440.0	0.0	880.9
1374+50.00 TO 1375+50.00	100.0	111.1	0.0	0.0	0.0	420.0	0.0	106.8	37.5	34.7	0.0	0.0	33.0	28.8	200.0	0.0	72.2
1375+50.00 TO 1383+15.00	765.0	850.0	2040.0	0.0	0.0	2754.0	0.0	816.8	287.2	265.2	0.0	0.0	252.3	220.2	1530.0	0.0	552.4
1383+15.00 TO 1385+75.00	260.0	288.9	0.0	0.0	0.0	1092.0	0.0	277.6	97.6	90.1	0.0	0.0	85.7	74.9	520.0	0.0	187.7
1385+75.00 TO 1410+00.00	2425.0	2694.4	6466.7	0.0	0.0	8730.0	0.0	2589.2	910.3	840.7	0.0	0.0	799.7	698.1	4850.0	0.0	1751.0
1410+00.00 TO 1411+00.00	100.0	111.1	0.0	0.0	0.0	420.0	0.0	106.8	37.5	34.7	0.0	0.0	33.0	28.8	200.0	0.0	72.2
1411+00.00 TO 1414+55.00	355.0	394.4	946.7	0.0	0.0	1278.0	0.0	379.0	133.3	123.1	0.0	0.0	117.1	102.2	710.0	0.0	256.4
1414+55.00 TO 1418+38.60	383.6	426.2	0.0	1022.9	454.6	1457.7	1022.9	401.0	143.2	133.0	0.0	0.0	76.4	14.6	767.2	0.0	276.2
1418+38.60 BK= 1418+38.81AH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1418+38.81 TO 1424+35.00	596.2	662.4	0.0	1589.8	706.6	2265.5	1589.8	623.2	222.6	206.7	0.0	0.0	118.7	22.6	1192.4	0.0	429.3
1424+35.00 TO 1462+20.00	3785.0	4205.6	10093.3	0.0	0.0	13626.0	0.0	4041.3	1420.8	1312.1	0.0	0.0	1248.2	1089.6	7570.0	0.0	2732.9
1462+20.00 TO 1462+63.50	43.5	48.3	0.0	0.0	0.0	182.7	0.0	25.2	25.2	15.1	0.0	0.0	14.3	12.5	87.0	0.0	40.3
1462+63.50 BK= 1521+78.59AH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1521+78.59 TO 1522+90.00	111.4	123.8	0.0	0.0	0.0	467.9	0.0	64.5	64.5	38.6	0.0	0.0	36.7	32.1	222.8	0.0	103.1
1522+90.00 TO 1524+20.00	130.0	144.4	0.0	0.0	0.0	546.0	0.0	7.4	24.4	45.1	0.0	0.0	34.4	37.4	260.0	66.7	69.5
1524+20.00 TO 1531+50.00	730.0	811.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1460.0	0.0	0.0
WB I-70 TOTALS		47384.1	90997.3	13132.8	5836.8	155341.4	13132.8	44608.7	15901.1	14776.1	0.0	0.0	13007.4	10836.1	83537.4	266.7	30677.2

• EFFINGHAM & FAYETTE

FILE NAME = c:\pw_work\pwidot\swartzrw\d0186577\D774469-sht-sch.dgn	USER NAME = swartzrw	DESIGNED -	REVISED -
	PLOT SCALE = 100.0000 ' / in.	DRAWN -	REVISED -
	PLOT DATE = 6/5/2014	CHECKED -	REVISED -
		DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES

SCALE: NA | SHEET NO. 12 OF 16 SHEETS | STA. | TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
70	(26-5,26-5-1,25-1-1)R	•	92	26
		CONTRACT NO. 74469		
		ILLINOIS FED. AID PROJECT		

RESURFACING SCHEDULE (CONTINUED)

STATION TO STATION	LENGTH	HOT-MIX ASPHALT SHOULDERS, 13"	RUBBLIZING PORTLAND CEMENT CONCRETE PAVEMENT	TRIAXIAL GEOGRID REINFORCEMENT, TYPE I	SUBBASE GRANULAR MATERIAL (SPECIAL)	BITUMINOUS MATERIALS (PRIME COAT)	HOT-MIX ASPHALT BASE COURSE, 4 3/4"	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N90	POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-19.0 FG, N105	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, STONE MATRIX ASPHALT, N80	LEVELING BINDER (MACHINE METHOD), N90	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N90	HOT-MIX ASPHALT SHOULDERS	AGGREGATE WEDGE SHOULDER, TYPE B	SHOULDER RUMBLE STRIPS, 16 INCH	TEMPORARY RAMP	MATERIAL TRANSFER DEVICE
	FOOT	SQ YD	SQ YD	SQ YD	CU YD	POUND	SQ YD	TON	TON	TON	TON	TON	TON	TON	FOOT	SQ YD	TON
RAMP D																	
8+41.17 TO 9+84.00	142.8	0.0	0.0	0.0	0.0	630.6	0.0	189.9	67.8	63.0	0.0	0.0	58.7	8.8	0.0	0.0	0.0
9+84.00 TO 11+04.00	120.0	0.0	0.0	0.0	0.0	318.0	0.0	0.0	0.0	0.0	53.6	13.1	34.7	0.0	0.0	0.0	0.0
11+04.00 TO 20+00.00	896.0	0.0	0.0	0.0	0.0	1747.2	0.0	0.0	0.0	0.0	58.5	117.1	150.5	55.3	0.0	0.0	0.0
20+00.00 TO 20+50.00	50.0	0.0	0.0	0.0	0.0	97.5	0.0	0.0	0.0	0.0	1.6	6.5	7.0	3.1	0.0	0.0	0.0
20+50.00 TO 21+43.00	93.0	0.0	0.0	0.0	0.0	295.1	0.0	0.0	0.0	0.0	0.0	44.7	10.4	0.0	0.0	127.8	0.0
RAMP C																	
0+13.00 TO 1+10.00	97.0	0.0	0.0	0.0	0.0	280.4	0.0	0.0	0.0	0.0	0.0	41.5	10.9	0.0	0.0	105.6	0.0
1+10.00 TO 1+60.00	50.0	0.0	0.0	0.0	0.0	108.4	0.0	0.0	0.0	0.0	2.0	7.9	7.0	3.1	0.0	0.0	0.0
1+60.00 TO 10+93.00	933.0	0.0	0.0	0.0	0.0	1819.4	0.0	0.0	0.0	0.0	61.0	121.9	156.7	57.6	0.0	0.0	0.0
10+93.00 TO 12+13.00	120.0	0.0	0.0	0.0	0.0	318.0	0.0	0.0	0.0	0.0	53.6	13.1	34.7	14.8	0.0	0.0	0.0
12+13.00 TO 13+42.77	129.8	0.0	0.0	0.0	0.0	485.2	0.0	142.0	50.7	47.1	0.0	0.0	53.3	8.0	0.0	0.0	0.0
RAMP A																	
0+00.00 TO 1+30.00	130.0	0.0	0.0	0.0	0.0	276.5	0.0	69.2	24.7	22.9	0.0	0.0	53.4	8.0	0.0	0.0	0.0
1+30.00 TO 2+50.00	120.0	0.0	0.0	0.0	0.0	318.0	0.0	0.0	0.0	0.0	53.6	13.1	34.7	14.8	0.0	0.0	0.0
2+50.00 TO 11+75.00	925.0	0.0	0.0	0.0	0.0	1803.8	0.0	0.0	0.0	0.0	60.4	120.9	155.4	57.1	0.0	0.0	0.0
11+75.00 TO 12+25.00	50.0	0.0	0.0	0.0	0.0	104.4	0.0	0.0	0.0	0.0	1.8	7.4	7.0	3.1	0.0	0.0	0.0
12+25.00 TO 13+30.00	105.0	0.0	0.0	0.0	0.0	283.7	0.0	0.0	0.0	0.0	0.0	41.2	11.8	0.0	0.0	100.0	0.0
RAMP B																	
0+11.00 TO 1+00.00	89.0	0.0	0.0	0.0	0.0	291.4	0.0	0.0	0.0	0.0	0.0	44.4	10.0	0.0	0.0	127.8	0.0
1+00.00 TO 1+50.00	50.0	0.0	0.0	0.0	0.0	97.5	0.0	0.0	0.0	0.0	1.6	6.5	7.0	3.1	0.0	0.0	0.0
1+50.00 TO 10+50.00	900.0	0.0	0.0	0.0	0.0	1755.0	0.0	0.0	0.0	0.0	58.8	117.6	151.2	55.5	0.0	0.0	0.0
10+50.00 TO 11+70.00	120.0	0.0	0.0	0.0	0.0	318.0	0.0	0.0	0.0	0.0	53.6	13.1	34.7	14.8	0.0	0.0	0.0
11+70.00 TO 13+12.76	142.8	0.0	0.0	0.0	0.0	399.8	0.0	109.4	39.1	36.3	0.0	0.0	58.6	8.8	0.0	0.0	0.0
RAMP TOTALS		0.0	0.0	0.0	0.0	11747.9	0.0	510.5	182.3	169.3	460.1	730.0	1047.7	315.8	0.0	461.1	0.0
TOTALS		94736.0	182549.0	50046.0	22243.0	320149.0	50046.0	89701.0	31979.0	29713.0	460.0	730.0	27274.0	21993.0	167011.0	994.0	61340.0

• EFFINGHAM & FAYETTE

FILE NAME = c:\pw_work\pwidot\swartzrw\d0186577\D774469-sht-sch.dgn	USER NAME = swartzrw	DESIGNED -	REVISED -
		DRAWN -	REVISED -
	PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -
	PLOT DATE = 6/5/2014	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES

SCALE: NA | SHEET NO. 13 OF 16 SHEETS | STA. | TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
70	(26-5,26-5-1,25-1-1)R	•	92	27
			CONTRACT NO. 74469	
		ILLINOIS	FED. AID PROJECT	

PAVEMENT MARKING SCHEDULE

STATION TO STATION	LENGTH	THERMOPLASTIC PAVEMENT MARKING - LINE 4" WHITE	THERMOPLASTIC PAVEMENT MARKING - LINE 4" YELLOW	PREFORMED PLASTIC PAVEMENT MARKING, TYPE B LINE-6" WHITE	THERMOPLASTIC PAVEMENT MARKING - LINE 8" WHITE	GROOVING FOR RECESSED PAVEMENT MARKING 5"	GROOVING FOR RECESSED PAVEMENT MARKING - LINE 9"	TEMPORARY PAVEMENT MARKING - LINE 4"	TEMPORARY PAVEMENT MARKING - LINE 6"	TEMPORARY PAVEMENT MARKING - LINE 8"	SHORT-TERM PAVEMENT MARKING	WORK ZONE PAVEMENT MARKING REMOVAL	PAVEMENT MARKING REMOVAL	RAISED REFLECTIVE PAVEMENT MARKER	DELINEATOR REMOVAL	DELINEATORS
	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	SQ FT	SQ FT	EACH	EACH	EACH
EAST BOUND																
1043+44.00 TO 1124+79.00	8135.0	8135.0	8135.0	2030.0	0.0	16270.0	0.0	16270.0	2030.0	0.0	7300.0	486.7	2711.7	204.0	20.0	20.0
1124+79.00 TO 1129+16.00	437.0	145.7	437.0	110.0	0.0	582.7	0.0	582.7	110.0	0.0	380.0	25.3	145.7	10.0	1.0	1.0
1129+16.00 TO 1132+01.00	285.0	0.0	285.0	70.0	285.0	285.0	285.0	285.0	70.0	285.0	260.0	17.3	95.0	8.0	1.0	1.0
1132+01.00 TO 1151+82.00	1981.0	1981.0	1981.0	500.0	0.0	3962.0	0.0	3962.0	500.0	0.0	1800.0	120.0	660.3	50.0	5.0	5.0
1151+82.00 TO 1155+35.00	353.0	0.0	353.0	90.0	353.0	353.0	353.0	353.0	90.0	353.0	340.0	22.7	117.7	8.0	1.0	1.0
1155+35.00 TO 1163+13.00	778.0	259.3	778.0	190.0	0.0	1037.3	0.0	1037.3	190.0	0.0	700.0	46.7	259.3	20.0	2.0	2.0
1163+13.00 TO 1300+02.98	13690.0	13690.0	13690.0	3420.0	0.0	27380.0	0.0	27380.0	3420.0	0.0	12320.0	821.3	4563.3	342.0	34.0	34.0
1300+02.98 TO 1462+63.50	16260.5	16260.5	16260.5	4070.0	0.0	32521.0	0.0	32521.0	4070.0	0.0	14660.0	977.3	5420.2	406.0	41.0	41.0
1462+63.50 BK= 1521+78.50	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1521+78.50 TO 1523+85.00	206.5	206.5	206.5	50.0	0.0	413.0	0.0	413.0	50.0	0.0	180.0	12.0	68.8	6.0	1.0	1.0
WEST BOUND																
1043+44.00 1 1124+81.00	8137.0	8137.0	8137.0	2030.0	0.0	16274.0	0.0	16274.0	2030.0	0.0	7300.0	486.7	2712.3	611.0	20.0	20.0
1124+81.00 TO 1132+40.00	759.0	253.0	759.0	190.0	0.0	1012.0	0.0	1012.0	190.0	0.0	700.0	46.7	253.0	56.0	2.0	2.0
1132+40.00 TO 1136+12.00	372.0	0.0	372.0	90.0	372.0	372.0	372.0	372.0	90.0	372.0	340.0	22.7	124.0	29.0	1.0	1.0
1136+12.00 TO 1155+93.00	1981.0	1981.0	1981.0	500.0	0.0	3962.0	0.0	3962.0	500.0	0.0	1800.0	120.0	660.3	50.0	5.0	5.0
1155+93.00 TO 1158+71.00	278.0	0.0	278.0	70.0	278.0	278.0	278.0	278.0	70.0	278.0	260.0	17.3	92.7	6.0	1.0	1.0
1158+71.00 TO 1163+15.00	444.0	148.0	444.0	110.0	0.0	592.0	0.0	592.0	110.0	0.0	380.0	25.3	148.0	12.0	1.0	1.0
1163+15.00 TO 1300+02.98	13688.0	13688.0	13688.0	3420.0	0.0	27376.0	0.0	27376.0	3420.0	0.0	12320.0	821.3	4562.7	342.0	34.0	34.0
1300+02.98 TO 1462+63.50	16260.5	16260.5	16260.5	4070.0	0.0	32521.0	0.0	32521.0	4070.0	0.0	14660.0	977.3	5420.2	406.0	41.0	41.0
1462+63.50 BK= 1521+78.50	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1521+78.50 TO 1524+20.00	241.5	241.5	241.5	60.0	0.0	483.0	0.0	483.0	60.0	0.0	200.0	13.3	80.5	6.0	1.0	1.0
RAMP A ON RAMP EAST BOUND																
0+00.00 TO 11+64.00	1164.0	1164.0	1164.0	0.0	0.0	2328.0	0.0	2328.0	0.0	0.0	480.0	32.0	0.0	0.0	12.0	12.0
11+64.00 TO 15+15.77	351.8	351.8	0.0	0.0	351.8	351.8	351.8	351.8	0.0	351.8	160.0	10.7	0.0	0.0	4.0	4.0
15+15.77 TO 1163+13.00	777.0	777.0	0.0	0.0	0.0	777.0	0.0	777.0	0.0	0.0	0.0	21.3	0.0	0.0	8.0	8.0
RAMP B OFF RAMP WEST BOUND																
0+00.00 TO 11+20.05	1120.1	1120.1	1120.1	0.0	0.0	2240.1	0.0	2240.1	0.0	0.0	440.0	29.3	0.0	74.0	11.0	11.0
11+20.05 TO 13+97.76	277.7	0.0	277.7	0.0	277.7	277.7	277.7	277.7	0.0	277.7	120.0	8.0	0.0	14.0	3.0	3.0
13+97.76 TO 1163+15.00	445.0	0.0	445.0	0.0	0.0	445.0	0.0	445.0	0.0	0.0	0.0	10.7	0.0	11.0	4.0	4.0
RAMP C ON RAMP WEST BOUND																
1124+81.00 TO 1122+89.50	758.5	758.5	0.0	0.0	0.0	758.5	0.0	758.5	0.0	0.0	320.0	21.3	0.0	0.0	8.0	8.0
1122+89.50 TO 1+79.00	370.5	370.5	0.0	0.0	370.5	370.5	370.5	370.5	0.0	370.5	160.0	10.7	0.0	0.0	4.0	4.0
1+79.00 TO 13+42.77	1163.8	1163.8	1163.8	0.0	0.0	2327.5	0.0	2327.5	0.0	0.0	0.0	32.0	0.0	0.0	12.0	12.0
RAMP D OFF RAMP EAST BOUND																
1124+79.00 TO 7+49.17	439.0	439.0	0.0	0.0	0.0	439.0	0.0	439.0	0.0	0.0	160.0	10.7	0.0	74.0	4.0	4.0
7+49.17 TO 10+33.88	284.7	284.7	0.0	0.0	284.7	284.7	284.7	284.7	0.0	284.7	120.0	8.0	0.0	16.0	3.0	3.0
10+33.88 TO 21+53.93	1120.1	1120.1	1120.1	0.0	0.0	2240.1	0.0	2240.1	0.0	0.0	0.0	29.3	0.0	11.0	11.0	11.0
TOTALS		88936.0	89578.0	21070.0	2573.0	178513.9	2572.7	178514.0	21070.0	2573.0	77860.0	5284.0	28096.0	2772.0	296.0	296.0

• EFFINGHAM & FAYETTE

FILE NAME = c:\pw_work\pwidot\swartzrw\d0186577\D774469-sht-sch.dgn	USER NAME = swartzrw	DESIGNED -	REVISED -
		DRAWN -	REVISED -
	PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -
	PLOT DATE = 6/5/2014	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES

SCALE: NA | SHEET NO. 14 OF 16 SHEETS | STA. | TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
70	(26-5,26-5-1,25-1-1)R	•	92	28
			CONTRACT NO. 74469	
		ILLINOIS	FED. AID PROJECT	

GUARDRAIL SCHEDULE

LOCATION	GUARDRAIL REMOVAL	TRAFFIC BARRIER TERMINAL, TYPE 6	TRAFFIC BARRIER TERMINAL, TYPE 6A	TRAFFIC BARRIER TERMINAL, TYPE 6B	STEEL RAILING, TYPE 2399	STEEL PLATE BEAM GUARD RAIL, TYPE A, 6 FOOT POSTS	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	TERMINAL MARKERS - DIRECT APPLIED	GUARDRAIL MARKERS, TYPE A
	FOOT	EACH	EACH	EACH	FOOT	FOOT	EACH	EACH	EACH
I 70 EB									
SN 026-0079 PIER PROTECTION	438.0	0.0	0.0	1.0	0.0	175.0	1.0	1.0	4.0
SN 026-0055 PIER PROTECTION	457.0	0.0	0.0	1.0	0.0	175.0	1.0	1.0	4.0
SN 026-0023 SW CORNER	1063.0	1.0	0.0	0.0	0.0	862.5	1.0	1.0	6.0
SN 026-0023 NW CORNER	155.0	1.0	0.0	0.0	0.0	212.5	1.0	1.0	3.0
SN 026-0023 SE CORNER	1005.0	1.0	0.0	0.0	0.0	825.0	1.0	1.0	6.0
SN 026-0080 PIER PROTECTION	441.0	0.0	0.0	1.0	0.0	175.0	1.0	1.0	4.0
SN 025-0054 PIER PROTECTION	439.0	0.0	0.0	1.0	0.0	175.0	1.0	1.0	4.0
SN 025-0055 PIER PROTECTION	440.0	0.0	0.0	1.0	0.0	175.0	1.0	1.0	4.0
SN 026-0005 SW CORNER	926.0	1.0	0.0	0.0	0.0	850.0	1.0	1.0	6.0
SN 026-0005 NW CORNER	167.0	1.0	0.0	0.0	0.0	212.5	1.0	1.0	3.0
I 70 WB									
SN 026-0079 PIER PROTECTION	452.0	0.0	0.0	1.0	0.0	175.0	1.0	1.0	4.0
SN 026-0055 PIER PROTECTION	457.0	0.0	0.0	1.0	0.0	175.0	1.0	1.0	4.0
SN 026-0024 NW CORNER	1116.0	1.0	0.0	0.0	0.0	925.0	1.0	1.0	6.0
SN 026-0024 NE CORNER	1149.0	1.0	0.0	0.0	0.0	950.0	1.0	1.0	6.0
SN 026-0024 SE CORNER	378.0	1.0	0.0	0.0	0.0	212.5	1.0	1.0	3.0
SN 026-0080 PIER PROTECTION	439.0	0.0	0.0	1.0	0.0	175.0	1.0	1.0	4.0
SN 025-0054 PIER PROTECTION	438.0	0.0	0.0	1.0	0.0	175.0	1.0	1.0	4.0
SN 025-0055 PIER PROTECTION	440.0	0.0	0.0	1.0	0.0	175.0	1.0	1.0	4.0
SN 026-0006 NW CORNER	858.0	1.0	0.0	0.0	0.0	787.5	1.0	1.0	6.0
OVERHEAD STURCTURES									
SN 026-0079 SE CORNER	100.0	0.0	1.0	0.0	0.0	37.5	1.0	1.0	1.0
SN 026-0079 NE CORNER	100.0	0.0	1.0	0.0	0.0	0.0	1.0	1.0	1.0
SN 026-0079	0.0	0.0	0.0	0.0	462.0	0.0	0.0	0.0	6.0
SN 026-0079 NW CORNER	100.0	0.0	1.0	0.0	0.0	37.5	1.0	1.0	1.0
SN 026-0079 SW CORNER	100.0	0.0	1.0	0.0	0.0	0.0	1.0	1.0	1.0
SN 026-0055 SE CORNER	158.0	1.0	0.0	0.0	0.0	50.0	1.0	1.0	1.0
SN 026-0055 NE CORNER	128.0	1.0	0.0	0.0	0.0	0.0	1.0	1.0	1.0
SN 026-0055	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SN 026-0055 NW CORNER	163.0	1.0	0.0	0.0	0.0	50.0	1.0	1.0	1.0
SN 026-0055 SW CORNER	122.0	1.0	0.0	0.0	0.0	0.0	1.0	1.0	1.0
SN 026-0080 SE CORNER	100.0	0.0	1.0	0.0	0.0	37.5	1.0	1.0	1.0
SN 026-0080 NE CORNER	100.0	0.0	1.0	0.0	0.0	0.0	1.0	1.0	1.0
SN 026-0080	0.0	0.0	0.0	0.0	458.0	0.0	0.0	0.0	6.0
SN 026-0080 NW CORNER	100.0	0.0	1.0	0.0	0.0	37.5	1.0	1.0	1.0
SN 026-0080 SW CORNER	100.0	0.0	1.0	0.0	0.0	0.0	1.0	1.0	1.0
SN 025-0054 SE CORNER	100.0	0.0	1.0	0.0	0.0	37.5	1.0	1.0	1.0
SN 025-0054 NE CORNER	100.0	0.0	1.0	0.0	0.0	0.0	1.0	1.0	1.0
SN 025-0054	0.0	0.0	0.0	0.0	466.0	0.0	0.0	0.0	6.0
SN 025-0054 NW CORNER	100.0	0.0	1.0	0.0	0.0	37.5	1.0	1.0	1.0
SN 025-0054 SW CORNER	100.0	0.0	1.0	0.0	0.0	0.0	1.0	1.0	1.0
SN 025-0055 SE CORNER	100.0	0.0	1.0	0.0	0.0	37.5	1.0	1.0	1.0
SN 025-0055 NE CORNER	100.0	0.0	1.0	0.0	0.0	0.0	1.0	1.0	1.0
SN 025-0055	0.0	0.0	0.0	0.0	458.0	0.0	0.0	0.0	6.0
SN 025-0055 NW CORNER	100.0	0.0	1.0	0.0	0.0	37.5	1.0	1.0	1.0
SN 025-0055 SW CORNER	100.0	0.0	1.0	0.0	0.0	0.0	1.0	1.0	1.0
TOTALS=	13429.0	13.0	16.0	10.0	1844.0	7987.5	39.0	39.0	129.0

• EFFINGHAM & FAYETTE

FILE NAME = c:\pw_work\pwidot\swartzrw\d0186577\D774469-sht-sch.dgn	USER NAME = swartzrw	DESIGNED -	REVISED -
		DRAWN -	REVISED -
	PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -
	PLOT DATE = 6/5/2014	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES

SCALE: NA | SHEET NO. 15 OF 16 SHEETS | STA. | TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
70	(26-5,26-5-1,25-1-1)R	•	92	29

CONTRACT NO. 74469

ILLINOIS FED. AID PROJECT

WOVEN WIRE FENCE SCHEDULE

LOCATION	WOVEN WIRE FENCE REMOVAL	WOVEN WIRE FENCE, 4'
	FOOT	FOOR
EB I-70		
FAYETTE COUNTY	3135.0	3135.0
EFFINGHAM COUNTY	765.0	1220.0
WB I-70		
FAYETTE COUNTY	1900.0	2225.0
EFFINGHAM COUNTY	1075.0	1630.0
TOTALS	6875.0	8210.0

• EFFINGHAM & FAYETTE

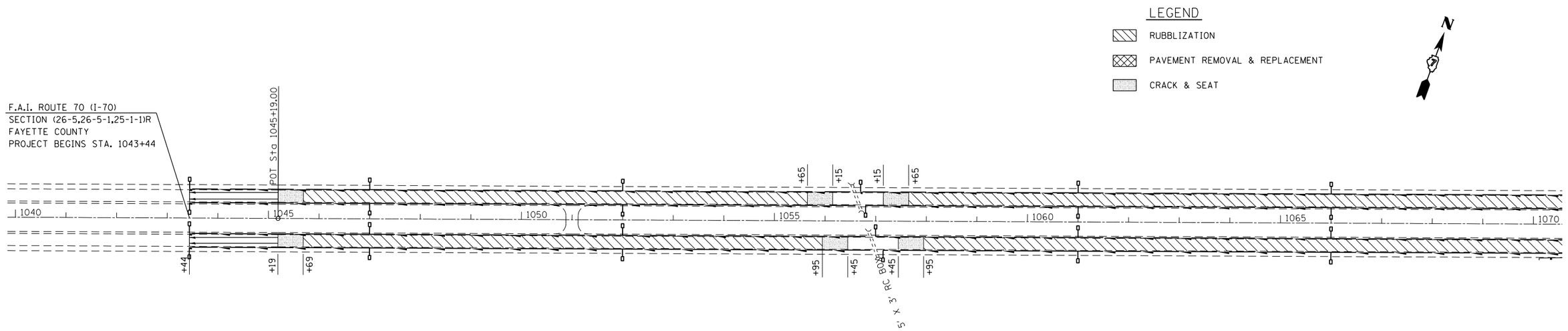
FILE NAME = c:\pw_work\pwidot\swartzrw\d0186577\D774469-sht-sch.dgn	USER NAME = swartzrw	DESIGNED -	REVISED -
		DRAWN -	REVISED -
	PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -
	PLOT DATE = 6/5/2014	DATE -	REVISED -

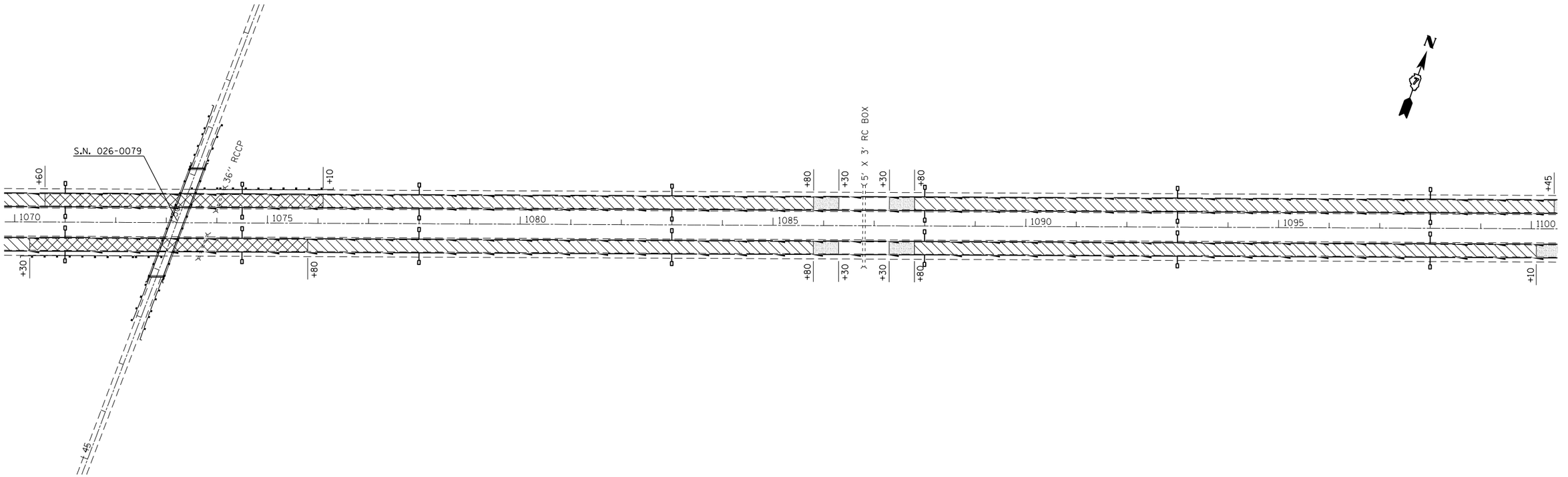
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES

SCALE: NA | SHEET NO. 16 OF 16 SHEETS | STA. | TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
70	(26-5,26-5-1,25-1-1)R	•	92	30
		CONTRACT NO. 74469		
	ILLINOIS FED. AID PROJECT			





• EFFINGHAM & FAYETTE

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		DRAWN -	REVISED -
	PLOT SCALE = 200.0000 ' / in.	CHECKED -	REVISED -
	PLOT DATE = 6/5/2014	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAN

SCALE: 100 | SHEET NO. 1 OF 9 SHEETS | STA. 1045+19 TO STA. 1100+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
70	(26-5,26-5-1,25-1-1)R	•	92	31

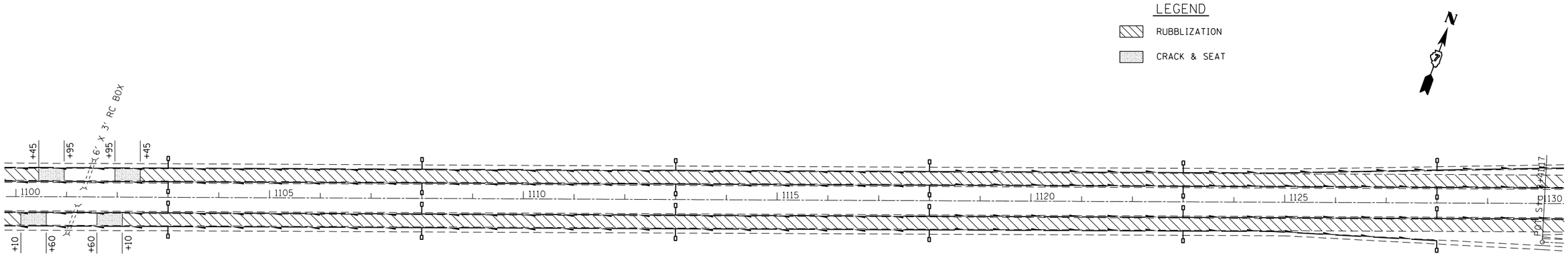
CONTRACT NO. 74469

ILLINOIS FED. AID PROJECT

LEGEND

RUBBLIZATION

CRACK & SEAT



• EFFINGHAM & FAYETTE

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	PLOT SCALE = 200.0000 ' / in.	CHECKED -	REVISED -					70	(26-5,26-5-1,25-1-1)R	•	92	32
	PLOT DATE = 6/5/2014	DATE -	REVISED -		SCALE: 100	SHEET NO. 2 OF 9 SHEETS	STA. 1100+00 TO STA. 1130+00			CONTRACT NO. 74469		
									ILLINOIS	FED. AID PROJECT		

LEGEND

RUBBLIZATION

PAVEMENT REMOVAL & REPLACEMENT

CRACK & SEAT

EXIST. CURVE 108
PI STA. = 2+52.87
Δ = 39° 50′ 03″ (LT)
D = 8° 13′ 00″
R = 697.91′
T = 252.87′
L = 484.80′
E = 44.40′
e =
T.R. = 280′
S.E. RUN = .082 FT/FT
P.C. STA. = 0+00.00
P.T. STA. = 4+84.80

EXIST. CURVE 109
PI STA. = 9+59.72
Δ = 30° 52′ 41″ (RT)
D = 8° 13′ 00″
R = 697.91′
T = 192.75′
L = 375.80′
E = 26.13′
e =
T.R. = 280′
S.E. RUN = .082 FT/FT
P.C. STA. = 7+66.97
P.T. STA. = 11+42.77

EXIST. CURVE 110
PI STA. = 3+23.69
Δ = 20° 06′ 00″ (RT)
D = 8° 13′ 00″
R = 697.91′
T = 123.69′
L = 244.62′
E = 10.88′
e =
T.R. = 120′
S.E. RUN = .082 FT/FT
P.C. STA. = 2+00.00
P.T. STA. = 4+44.63

EXIST. CURVE 111
PI STA. = 9+50.55
Δ = 37° 30′ 15″ (LT)
D = 8° 13′ 00″
R = 697.91′
T = 236.94′
L = 456.44′
E = 39.12′
e =
T.R. = 280′
S.E. RUN = .083 FT/FT
P.C. STA. = 7+13.61
P.T. STA. = 11+70.05

EXIST. CURVE 114
PI STA. = 12+20.82
Δ = 37° 30′ 15″ (RT)
D = 8° 13′ 00″
R = 697.91′
T = 236.94′
L = 456.44′
E = 39.12′
e =
T.R. = 280′
S.E. RUN = .082 FT/FT
P.C. STA. = 9+83.88
P.T. STA. = 14+40.32

EXIST. CURVE 115
PI STA. = 18+33.00
Δ = 20° 06′ 00″ (LT)
D = 8° 13′ 00″
R = 697.91′
T = 123.69′
L = 244.62′
E = 10.88′
e =
T.R. = 240′
S.E. RUN = .082 FT/FT
P.C. STA. = 17+09.31
P.T. STA. = 19+53.93

EXIST. CURVE 112
PI STA. = 3+92.75
Δ = 30° 52′ 41″ (LT)
D = 8° 13′ 00″
R = 697.91′
T = 192.75′
L = 375.80′
E = 26.13′
e =
T.R. = 210′
S.E. RUN = .082 FT/FT
P.C. STA. = 2+00.00
P.T. STA. = 5+75.80

EXIST. CURVE 113
PI STA. = 11+10.85
Δ = 39° 50′ 03″ (RT)
D = 8° 13′ 00″
R = 697.91′
T = 252.87′
L = 484.80′
E = 44.40′
e =
T.R. = 280′
S.E. RUN = .083 FT/FT
P.C. STA. = 8+57.98
P.T. STA. = 13+42.77

S.N. 026-0055

9′ X 4′ RC BOX

24″ RCCP

10′ x 4′ RC BOX

RAMP A

RAMP B

RAMP C

RAMP D

• EFFINGHAM & FAYETTE

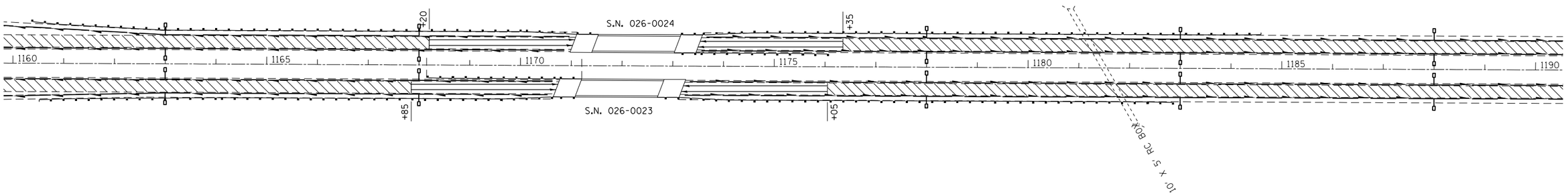
FILE NAME = c:\pw_work\pwidot\swartzrw\d0186577\D7744469-sht-plan.dgn	USER NAME = swartzrw	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PLAN			F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 200.0000 ' / in.	DRAWN -	REVISED -					70	(26-5,26-5-1,25-1-1)R	•	92	33
	PLOT DATE = 6/5/2014	CHECKED -	REVISED -								CONTRACT NO. 74469	
		DATE -	REVISED -		SCALE: 100	SHEET 3 OF 9 SHEETS	STA. 1130+00 TO STA. 1160+00			ILLINOIS	FED. AID PROJECT	

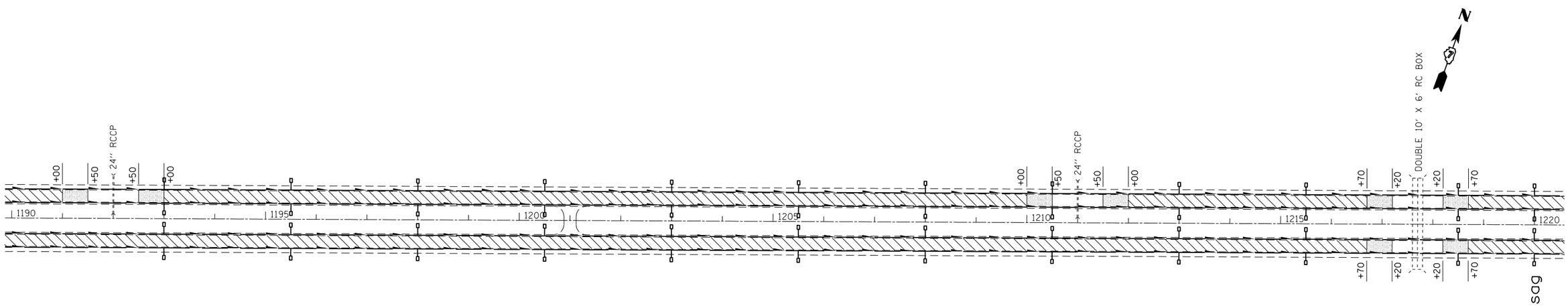
LEGEND

RUBBLIZATION

PAVEMENT REMOVAL & REPLACEMENT

CRACK & SEAT





• EFFINGHAM & FAYETTE

FILE NAME = c:\pw_work\pwidot\swartzrw\d0186577\D774469-sht-plan.dgn	USER NAME = swartzrw	DESIGNED -	REVISED -
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	PLOT SCALE = 200.0000 ' / in.	CHECKED -	REVISED -
	PLOT DATE = 6/5/2014	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

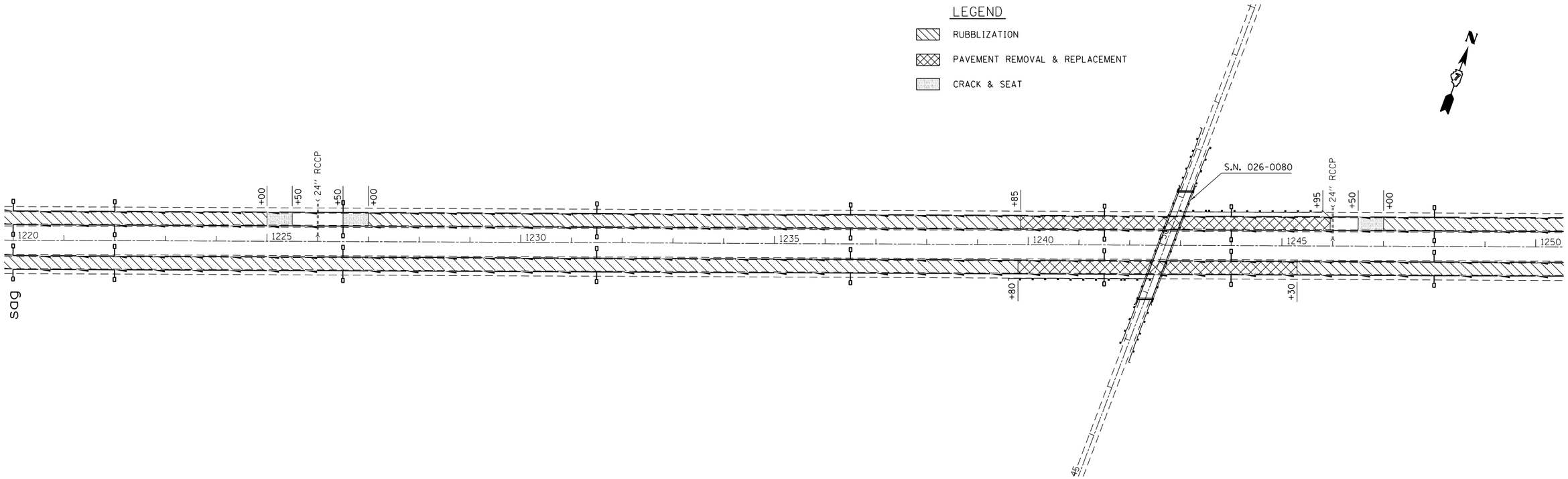
PLAN

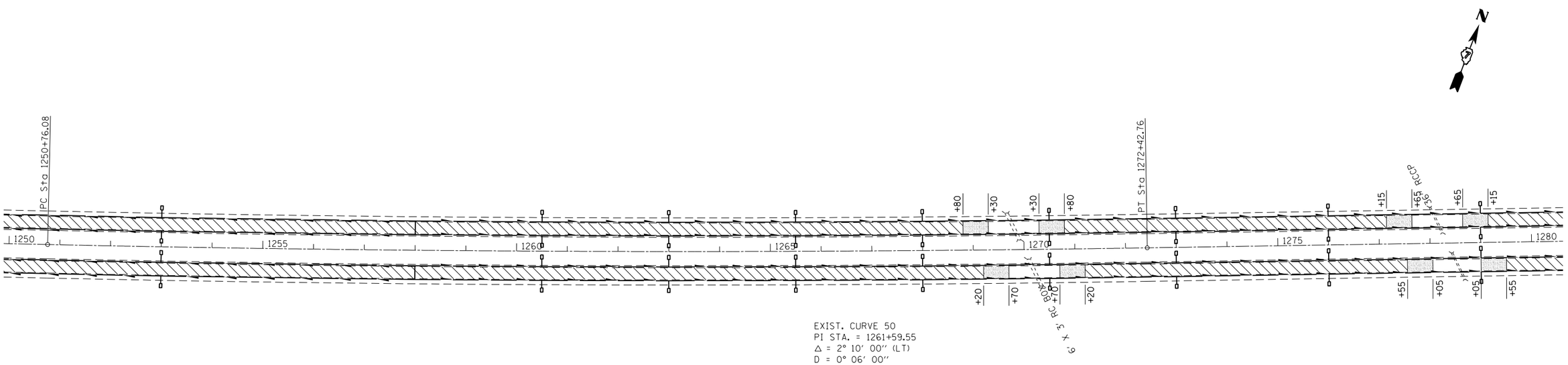
SCALE: 100 | SHEET NO. 4 OF 9 SHEETS | STA. 1160+00 TO STA. 1220+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
70	(26-5,26-5-1,25-1-1)R	•	92	34

CONTRACT NO. 74469

ILLINOIS FED. AID PROJECT





EXIST. CURVE 50
PI STA. = 1261+59.55
Δ = 2° 10′ 00″ (LT)
D = 0° 06′ 00″
R = 57,295.78′
T = 1,083.47′
L = 2,166.67′
E = 10.24′
e = -----
T.R. = -----
S.E. RUN = -----
P.C. STA. = 1250+76.08
P.T. STA. = 1272+42.76

• EFFINGHAM & FAYETTE

FILE NAME = c:\pw_work\pwidot\swartzrw\d0186577\D7744469-sht-plan.dgn	USER NAME = swartzrw	DESIGNED -	REVISED -
		DRAWN -	REVISED -
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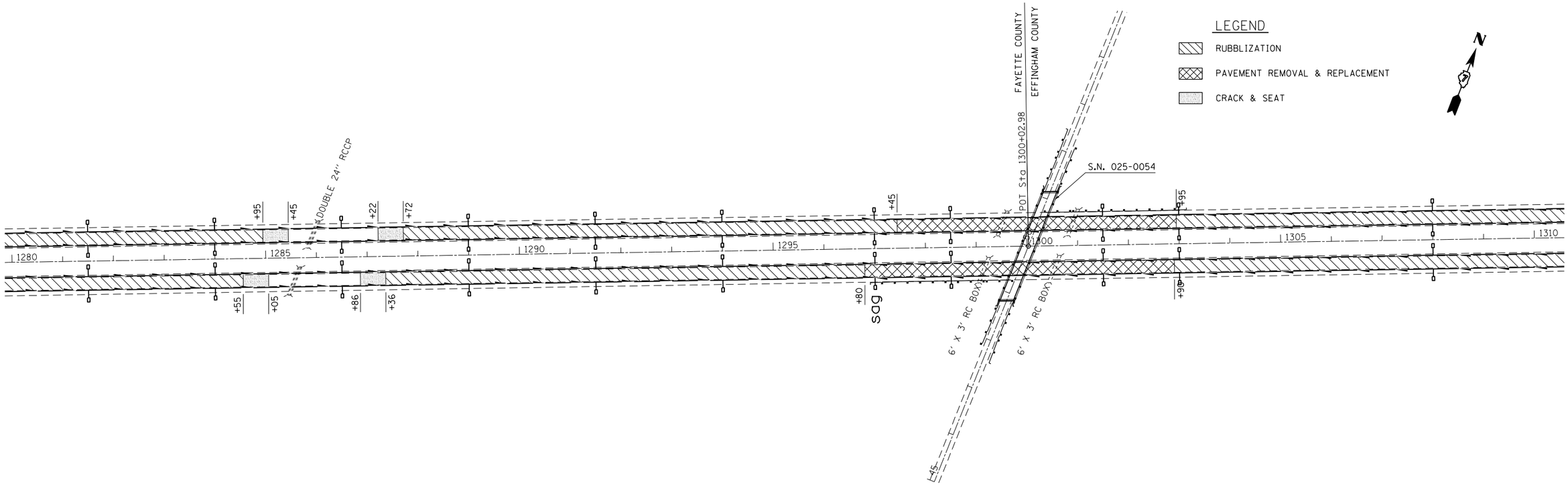
	PLOT DATE = 6/5/2014	DATE -	REVISED -

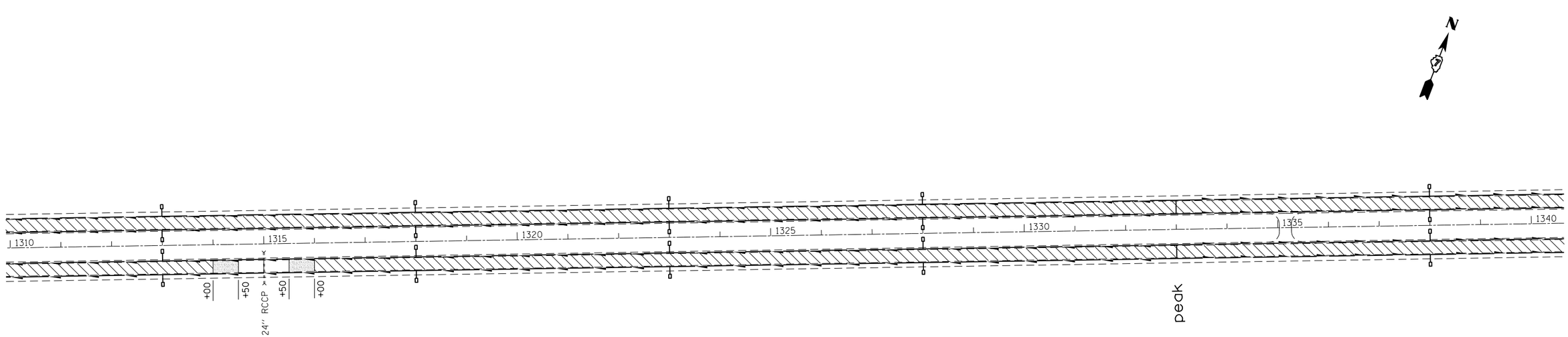
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAN

SCALE: 100 | SHEET NO. 5 OF 9 SHEETS | STA. 1220+00 TO STA. 1280+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
70	(26-5,26-5-1,25-1-1)R	•	92	35
		CONTRACT NO. 74469		
	ILLINOIS FED. AID PROJECT			





• EFFINGHAM & FAYETTE

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	PLOT DATE = 6/5/2014	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAN

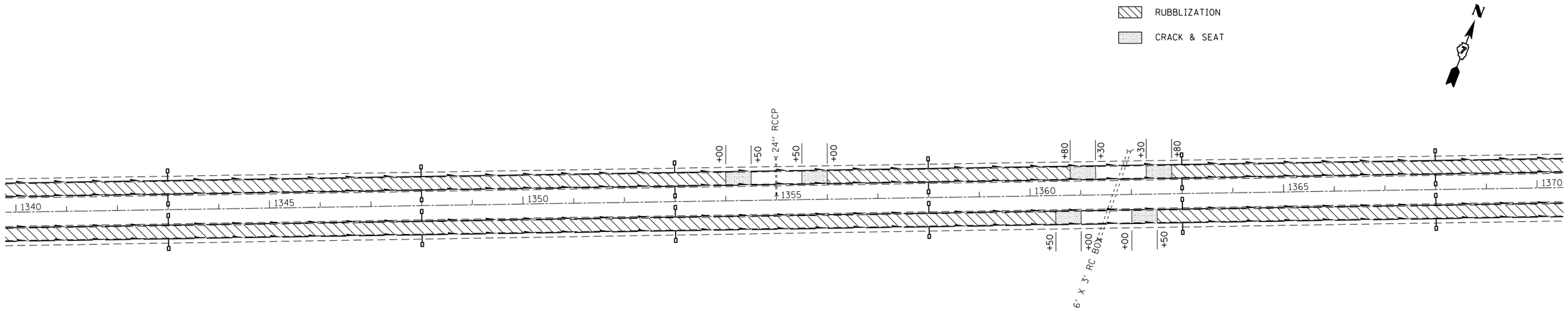
SCALE: 100 | SHEET NO. 6 OF 9 SHEETS | STA. 1280+00 TO STA. 1340+00

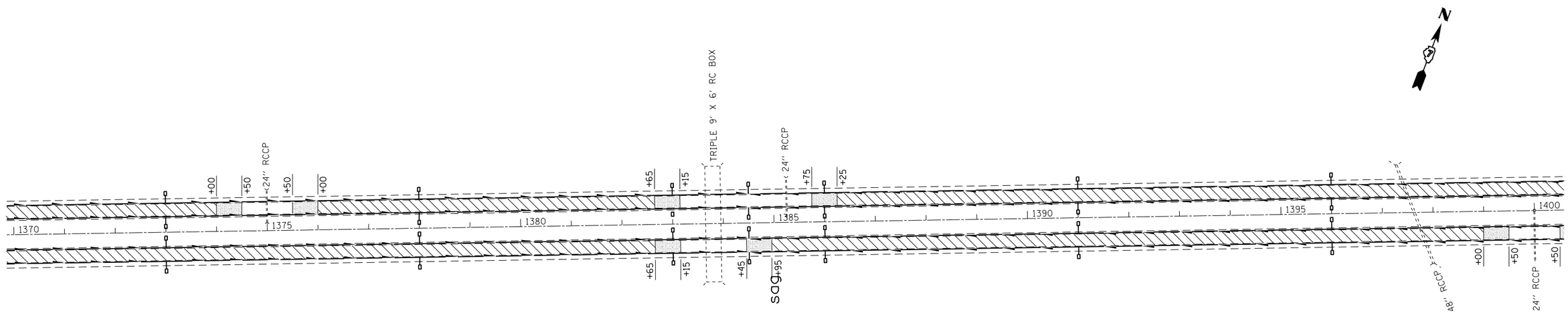
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
70	(26-5,26-5-1,25-1-1)R	•	92	36
		CONTRACT NO. 74469		
	ILLINOIS FED. AID PROJECT			

LEGEND

RUBBLIZATION

CRACK & SEAT





• EFFINGHAM & FAYETTE

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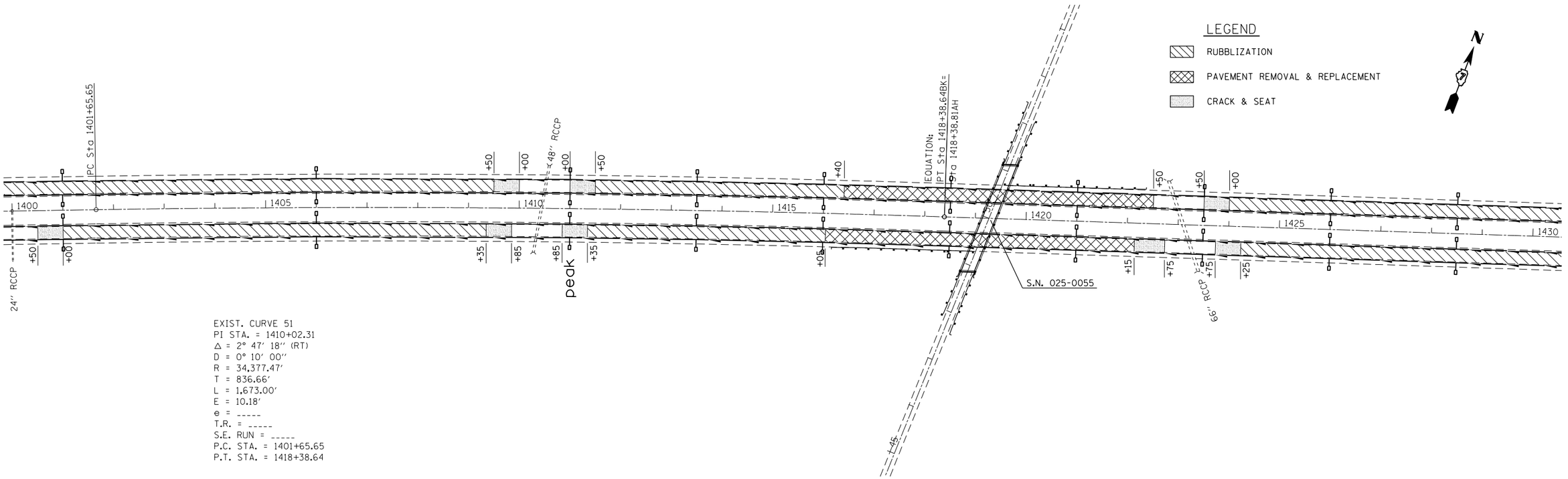
	PLOT SCALE = 200.0000 ' / in.	CHECKED -	REVISED -
	PLOT DATE = 6/5/2014	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

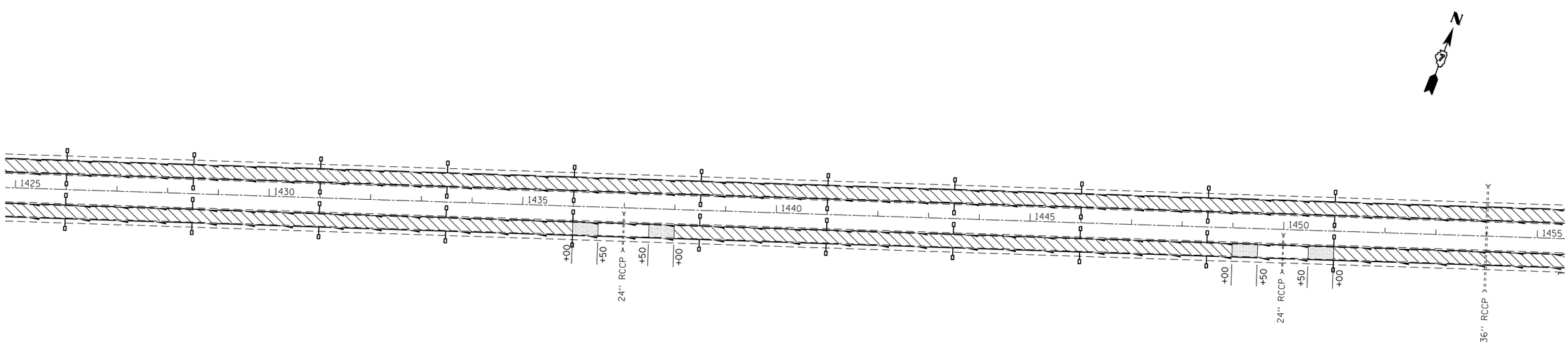
PLAN

SCALE: 100 | SHEET NO. 7 OF 9 SHEETS | STA. 1340+00 TO STA. 1400+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
70	(26-5,26-5-1,25-1-1)R	•	92	37
		CONTRACT NO. 74469		
	ILLINOIS FED. AID PROJECT			



EXIST. CURVE 51
PI STA. = 1410+02.31
Δ = 2° 47' 18" (RT)
D = 0° 10' 00"
R = 34,377.47'
T = 836.66'
L = 1,673.00'
E = 10.18'
e = -----
T.R. = -----
S.E. RUN = -----
P.C. STA. = 1401+65.65
P.T. STA. = 1418+38.64



• EFFINGHAM & FAYETTE

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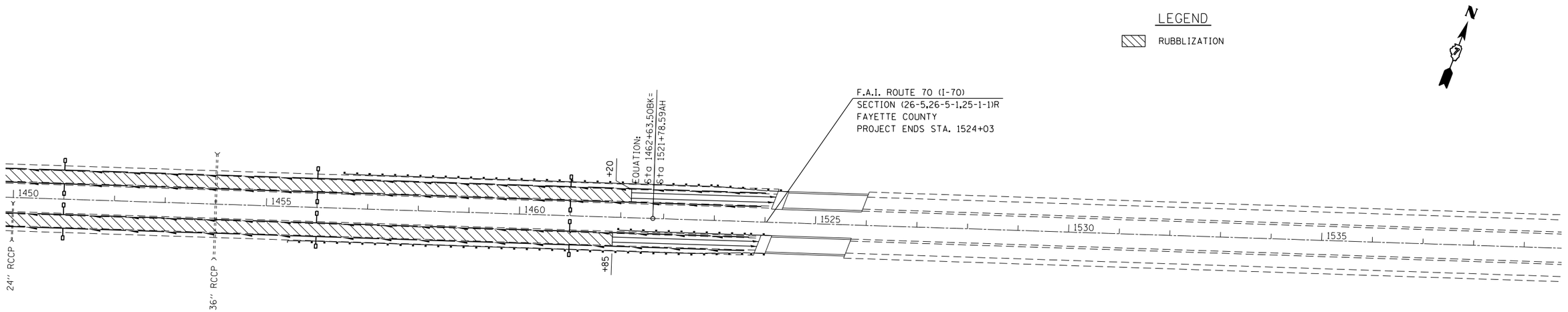
	PLOT DATE = 6/5/2014	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAN

SCALE: 100 | SHEET NO. 8 OF 9 SHEETS | STA. 1400+00 | TO STA. 1450+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
70	(26-5,26-5-1,25-1-1)R	•	92	38
		CONTRACT NO. 74469		
	ILLINOIS FED. AID PROJECT			



• EFFINGHAM & FAYETTE

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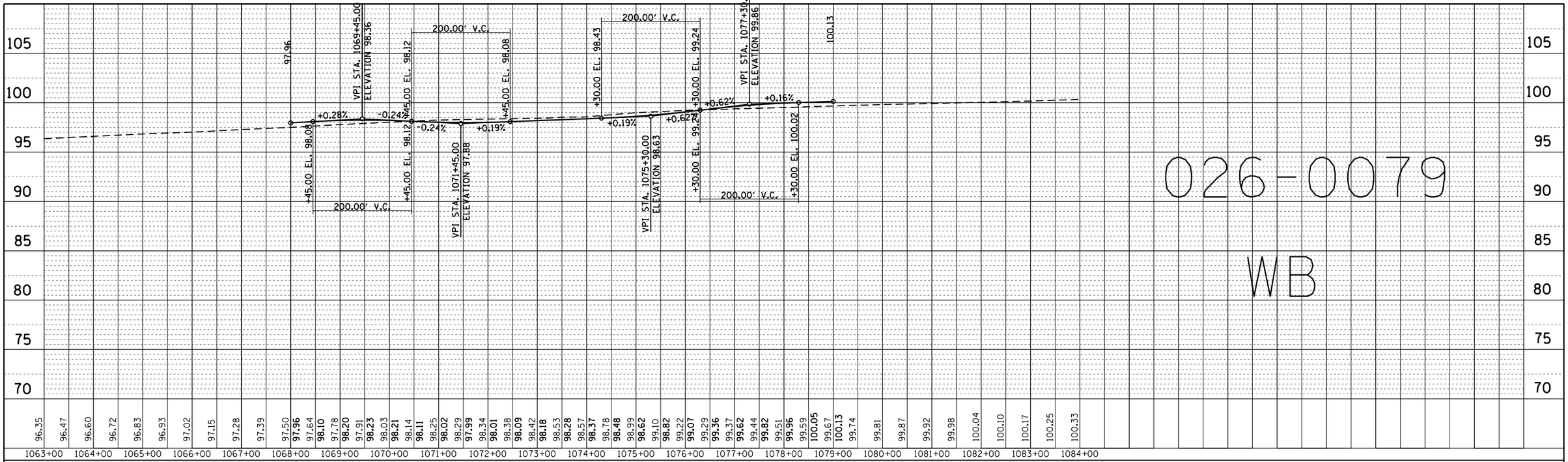
	PLOT SCALE = 200.0000 ' / in.	DRAWN -	REVISED -			70	(26-5,26-5-1,25-1-1)R	•	92	39
	PLOT DATE = 6/5/2014	CHECKED -	REVISED -						CONTRACT NO. 74469	
		DATE -	REVISED -		SCALE: 100 | SHEET NO. 9 OF 9 SHEETS | STA. 1450+00 TO STA. 1524+23.29			ILLINOIS	FED. AID PROJECT	

PLAN

BY	DATE

SURVEYED
PLOTTED
ALIGNMENT CHECKED
RT. OF WAY CHECKED
CADD FILE NAME

NOTE BOOK
NO.

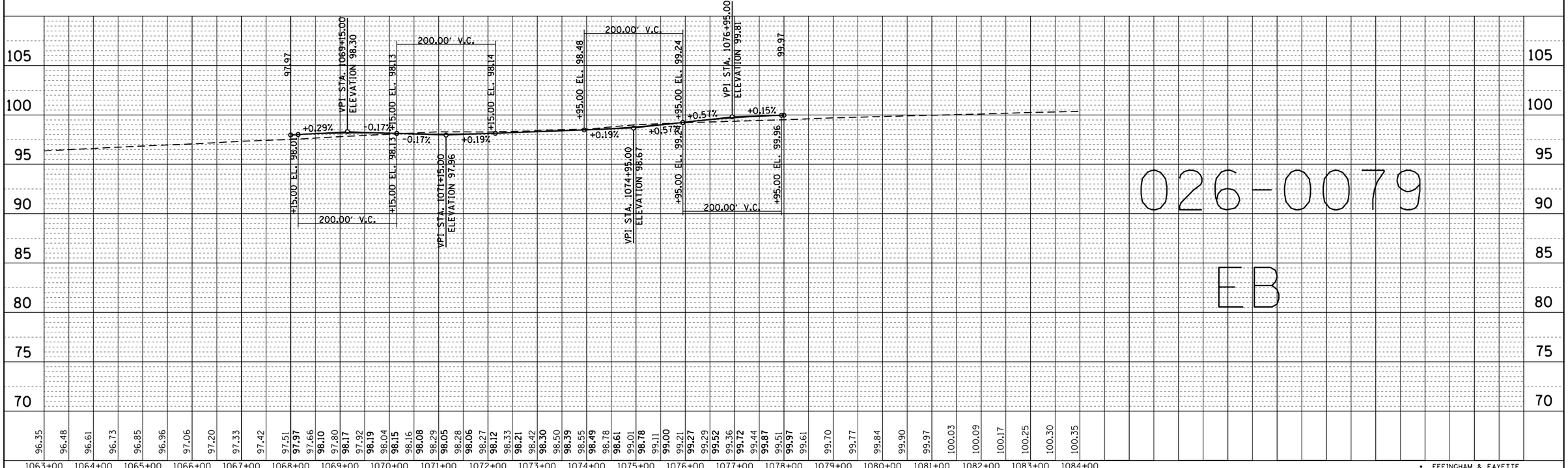


PROFILE

BY	DATE

SURVEYED
PLOTTED
CROSS SECTIONS CHECKED
BM. NOTED
STRUCTURE NOTATNS CHKD

NOTE BOOK
NO.



• EFFINGHAM & FAYETTE

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Default	PLOT DATE = 6/5/2014	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

VERTICAL CLEARANCE PROFILES
SN 026-0079 WB & EB

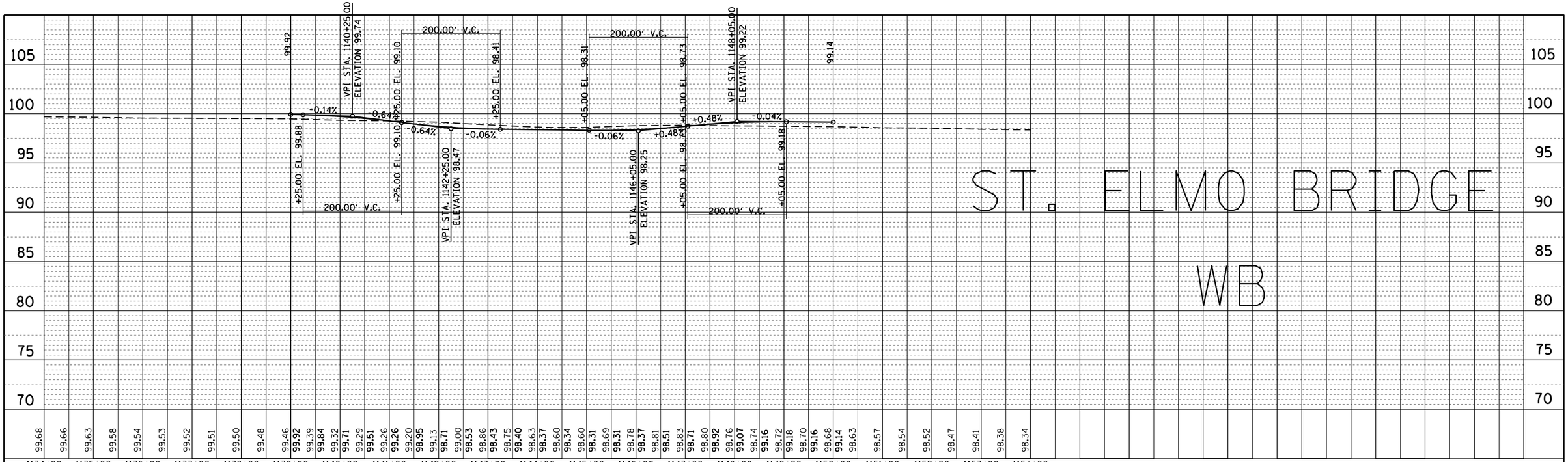
SCALE: | SHEET 1 OF 7 SHEETS | STA. | TO STA.

F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
70	(26-5,26-5-1,25-1-1)R	•	92	40
		CONTRACT NO. 74469		
	ILLINOIS FED. AID PROJECT			

PLAN

DATE	BY	
		SURVEYED
		PLOTTED
		ALIGNMENT CHECKED
		RT. OF WAY CHECKED
		CADD FILE NAME

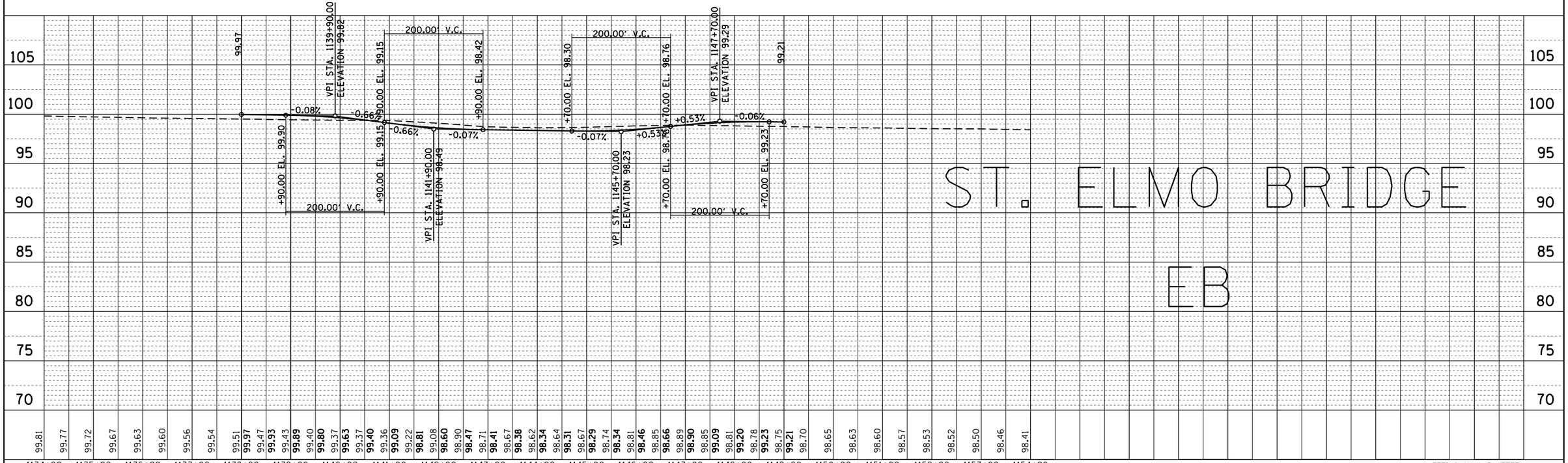
NOTE BOOK
NO.



PROFILE

DATE	BY	
		SURVEYED
		PLOTTED
		DRAWN CHECKED
		BM. NOTED
		STRUCTURE NO'TN'S CHK'D

NOTE BOOK
NO.



• EFFINGHAM & FAYETTE

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	PLOT SCALE = 200.0000 ' / in.	DRAWN -	REVISED -
Default	PLOT DATE = 6/5/2014	CHECKED -	REVISED -
		DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

VERTICAL CLEARANCE PROFILES
ST. ELMO BRIDGE WB & EB

SCALE: | SHEET 2 OF 7 SHEETS | STA. | TO STA.

F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
70	(26-5,26-5-1,25-1-1)R	•	92	41
		CONTRACT NO. 74469		
	ILLINOIS FED. AID PROJECT			

PLAN

SURVEYED	
PLOTTED	
DRAWN	
ELEMENTS CHECKED	
ALIGNMENT CHECKED	
RT. OF WAY CHECKED	
CADD FILE NAME	
NOTE BOOK	
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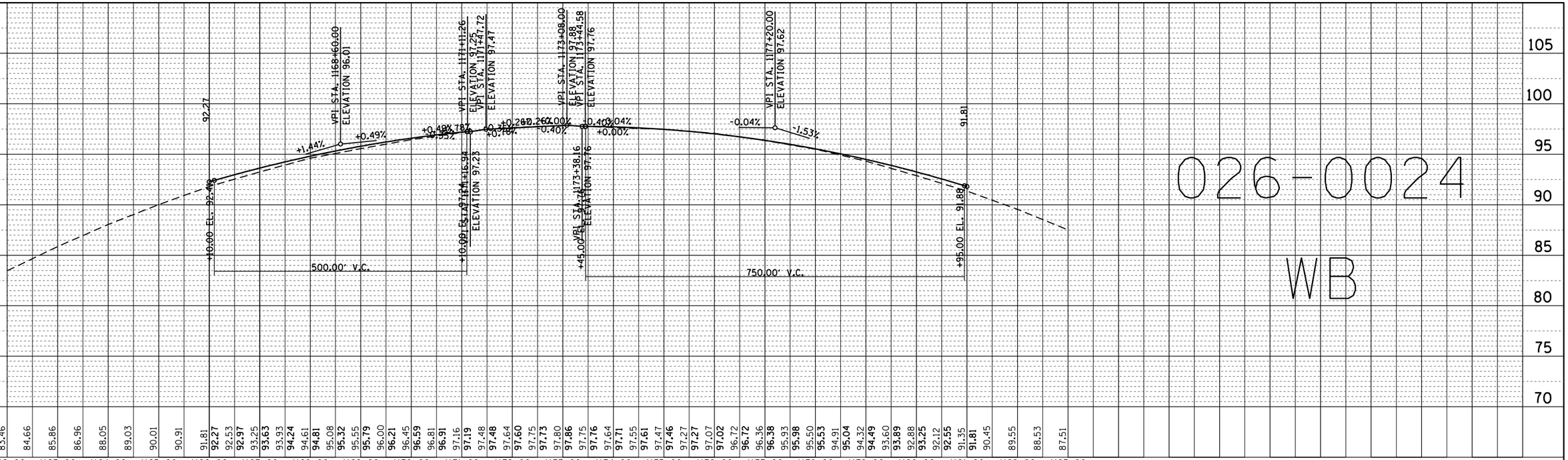
BY	DATE



PROFILE

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ELEMENTS CHECKED	
NOTE BOOK	
B.M. NOTED	
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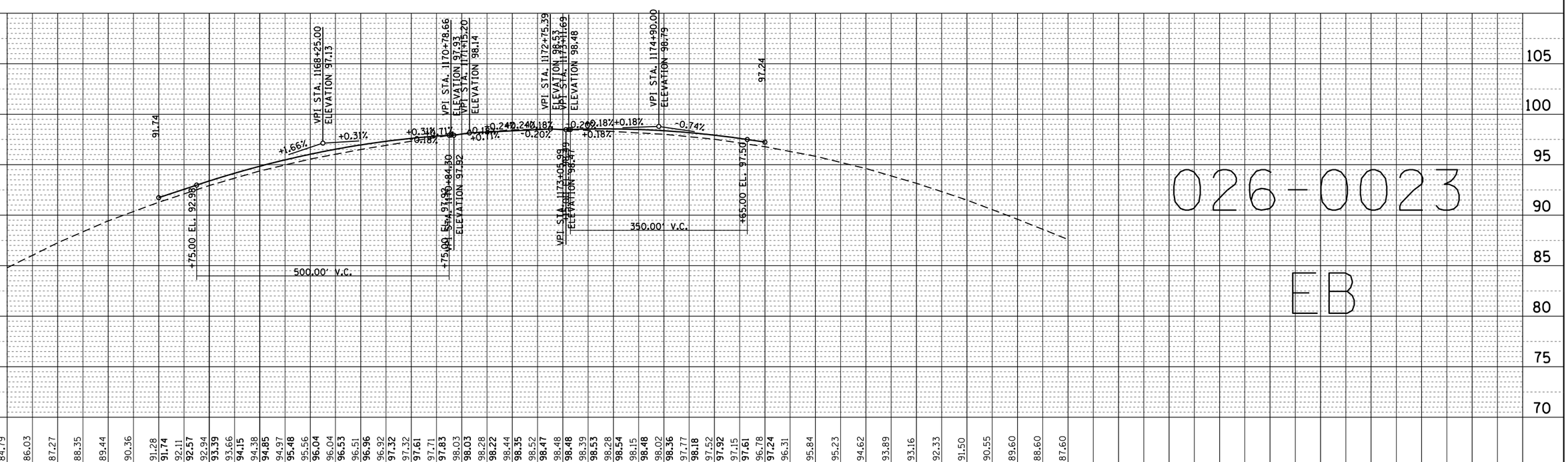
STRUCTURE NO(TA'NS CHK'D	

BY	DATE



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F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
70	(26-5,26-5-1,25-1-1)R	•	92	42
		CONTRACT NO. 74469		
	ILLINOIS FED. AID PROJECT			

• EFFINGHAM & FAYETTE

PLAN

BY	DATE

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PLOTTED
ALIGNMENT CHECKED
RT. OF WAY CHECKED
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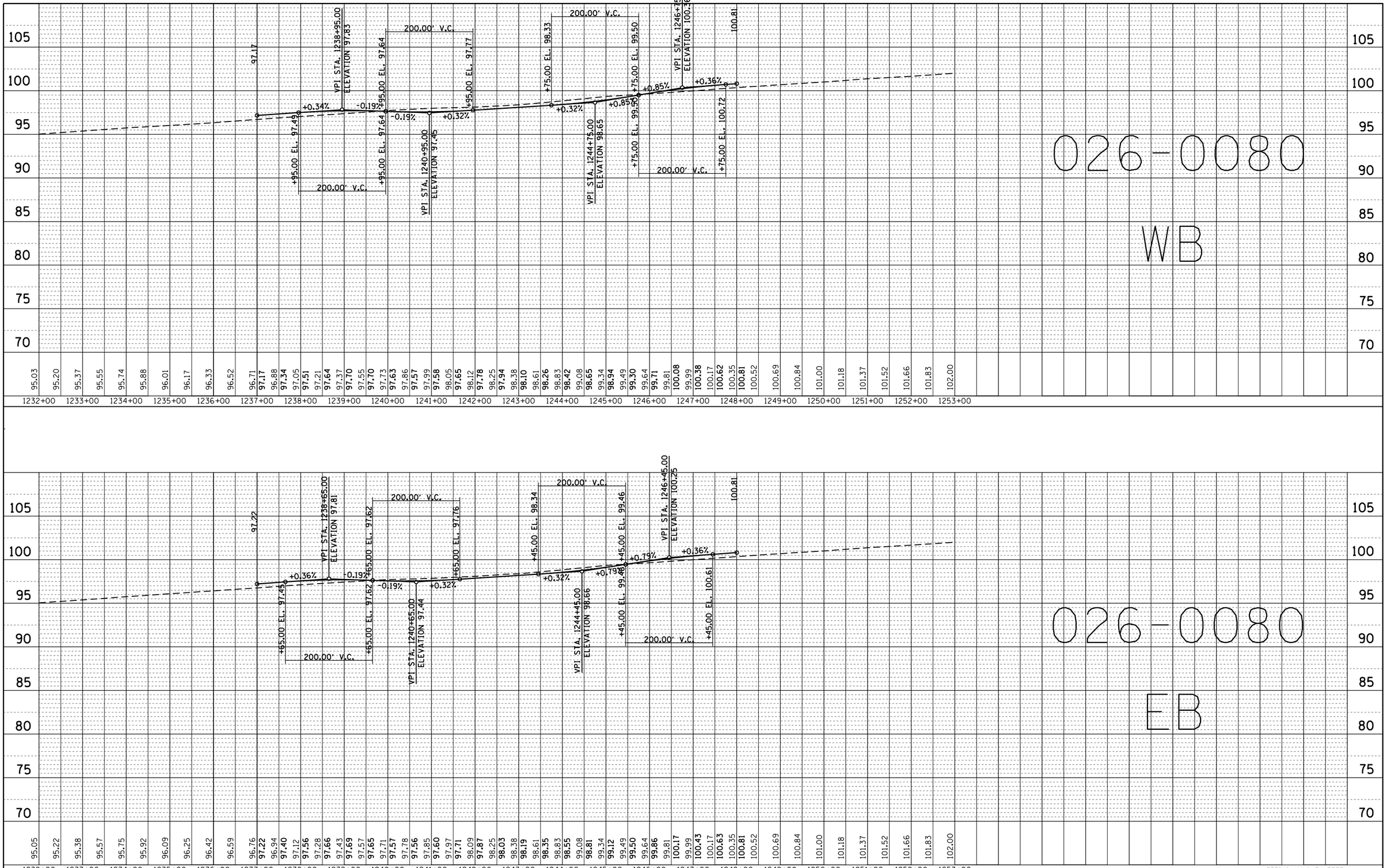

PROFILE

BY	DATE

SURVEYED
PLOTTED
ALIGNMENT CHECKED
R/W NOTED
STRUCTURE NOTATNS CHKD

NOTE BOOK
NO.

• EFFINGHAM & FAYETTE

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Default	PLOT DATE = 6/5/2014	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

VERTICAL CLEARANCE PROFILES
SN 026-0080 WB & EB

SCALE: | SHEET 4 OF 7 SHEETS | STA. | TO STA.

F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
70	(26-5,26-5-1,25-1-1)R	•	92	43
		CONTRACT NO. 74469		
		ILLINOIS	FED. AID PROJECT	

PLAN

DATE	BY	
		SURVEYED
		PLOTTED
		ALIGNMENT CHECKED
		RT. OF WAY CHECKED
		CADD FILE NAME
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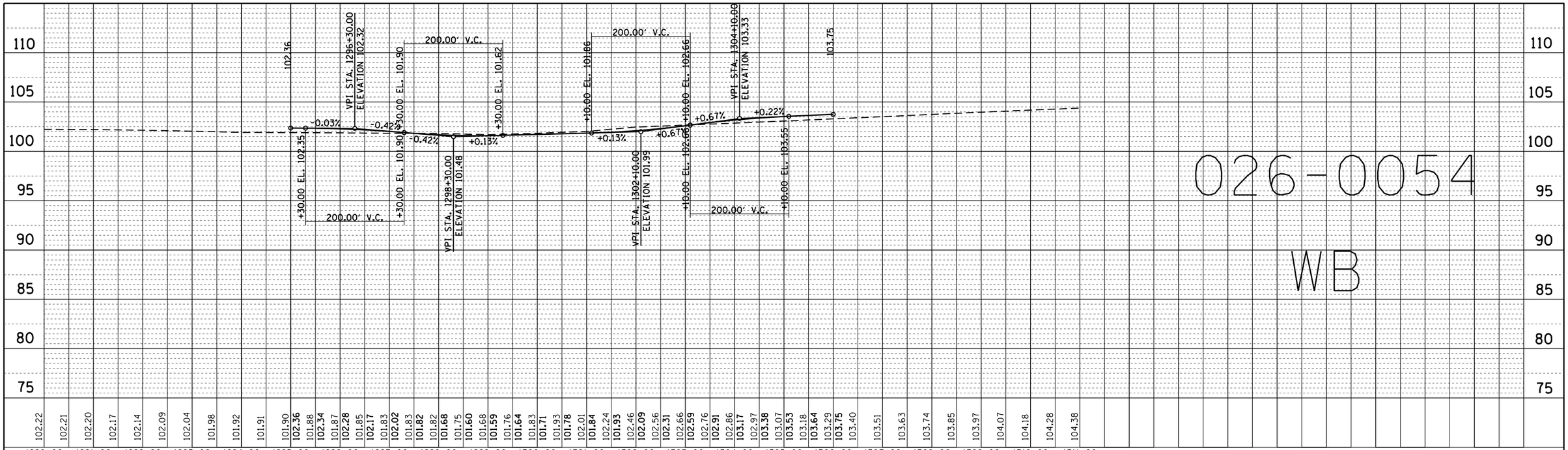
		NO.

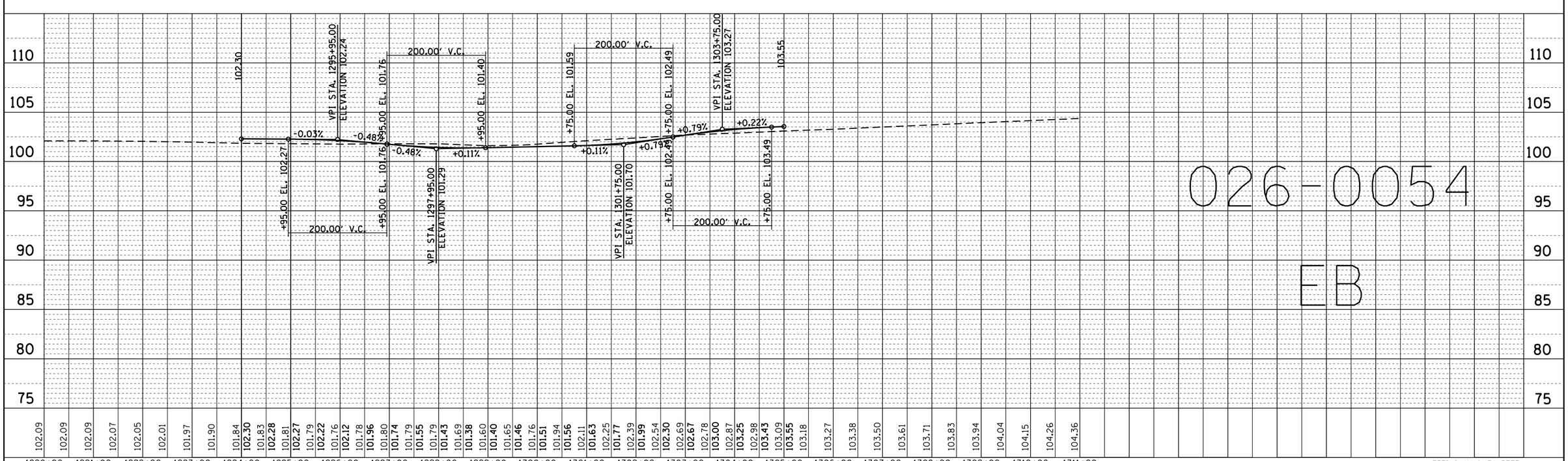


026-0054

WB

PROFILE

DATE	BY	
		SURVEYED
		PLOTTED
		DRAWING CHECKED
		B.M. NOTED
		STRUCTURE NOTATNS CHKD
		NOTE BOOK
		NO.



026-0054

EB

• EFFINGHAM & FAYETTE

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		DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

VERTICAL CLEARANCE PROFILES
SN 026-0054 WB & EB

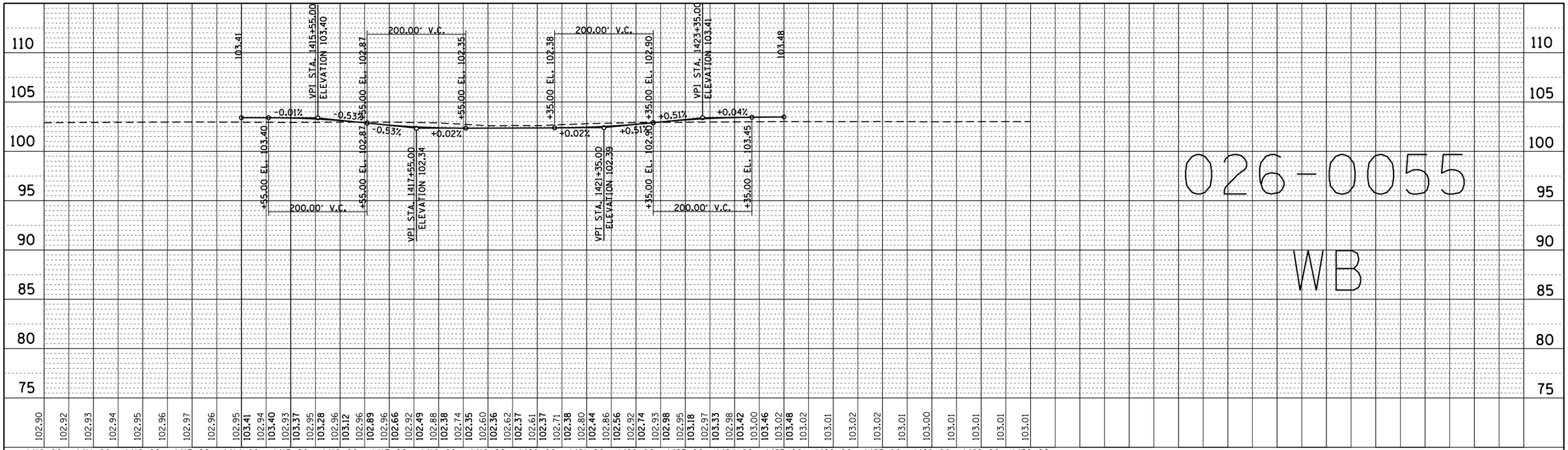
SCALE: | SHEET 5 OF 7 SHEETS | STA. | TO STA.

F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
70	(26-5,26-5-1,25-1-1)R	•	92	44
		CONTRACT NO. 74469		
	ILLINOIS FED. AID PROJECT			

PLAN

SURVEYED	
PLOTTED	
DRAWN	
ALIGNMENT CHECKED	
RT. OF WAY CHECKED	
CADD FILE NAME	
NOTE BOOK	
NO.	

BY	DATE



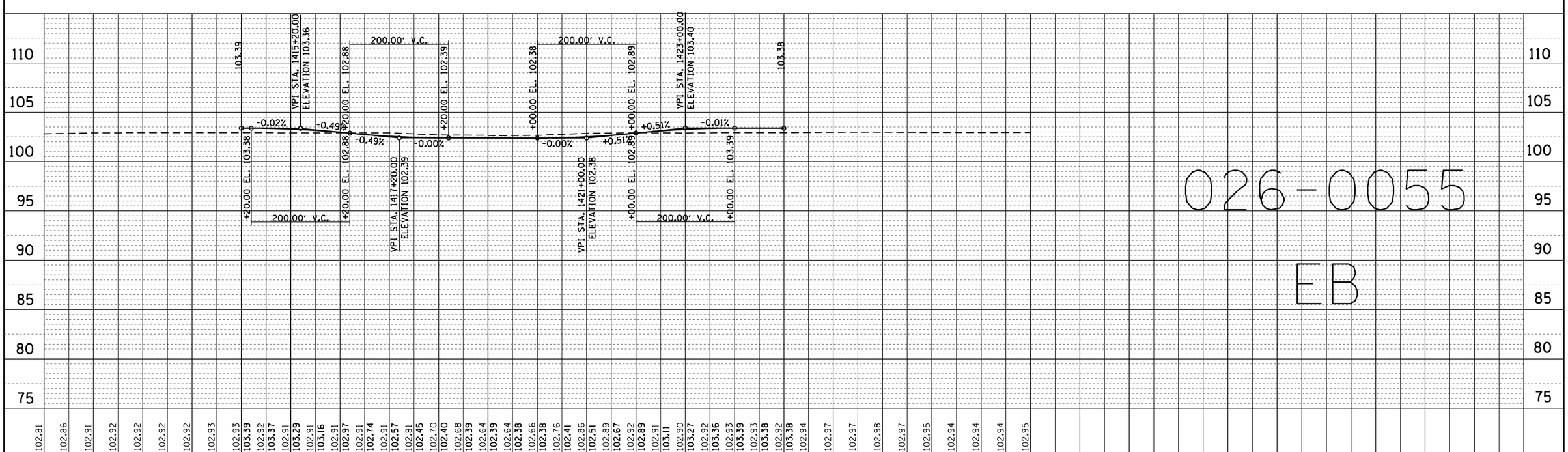
026-0055

WB

PROFILE

SURVEYED	
PLOTTED	
DRAWN	
CROSS CHECKED	
B.M. NOTED	
STRUCTURE NOTATNS CHKD	
NOTE BOOK	
NO.	

BY	DATE



026-0055

EB

• EFFINGHAM & FAYETTE

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		DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

VERTICAL CLEARANCE PROFILES
SN 026-0055 WB & EB

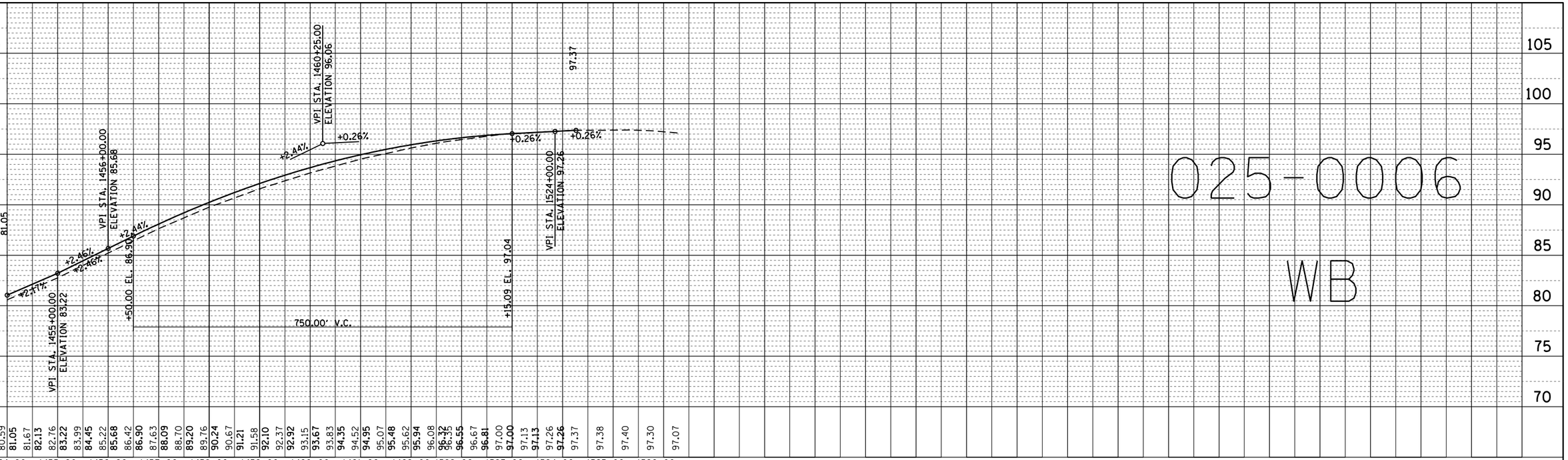
SCALE: | SHEET 6 OF 7 SHEETS | STA. | TO STA.

F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
70	(26-5,26-5-1,25-1-1)R	•	92	45
		CONTRACT NO. 74469		
	ILLINOIS FED. AID PROJECT			

PLAN

SURVEYED	
PLOTTED	
DRAWN	
CHECKED	
ALIGNMENT CHECKED	
RT. OF WAY CHECKED	
CADD FILE NAME	
NOTE BOOK	
NO.	

BY	DATE



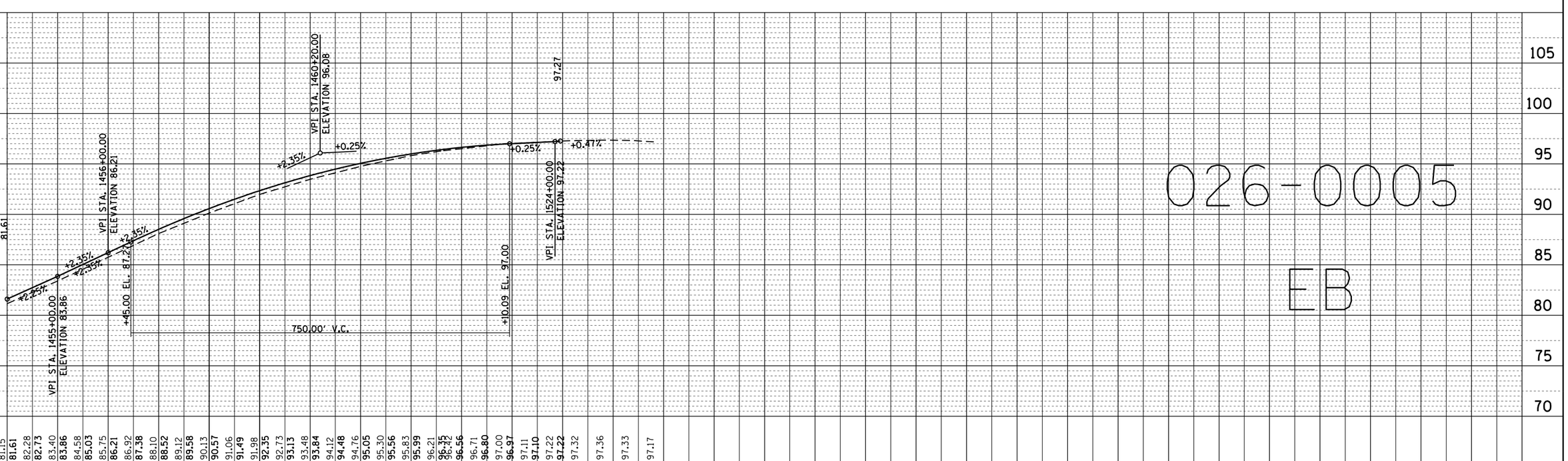
025-0006

WB

PROFILE

SURVEYED	
PLOTTED	
DRAWN	
CHECKED	
ALIGNMENT NOTED	
STRUCTURE NOTATNS CHKD	
NOTE BOOK	
NO.	

BY	DATE



026-0005

EB

• EFFINGHAM & FAYETTE

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

VERTICAL CLEARANCE PROFILES
SN 025-0006 WB & SN 025-0005 EB

SCALE: | SHEET 7 OF 7 SHEETS | STA. | TO STA.

F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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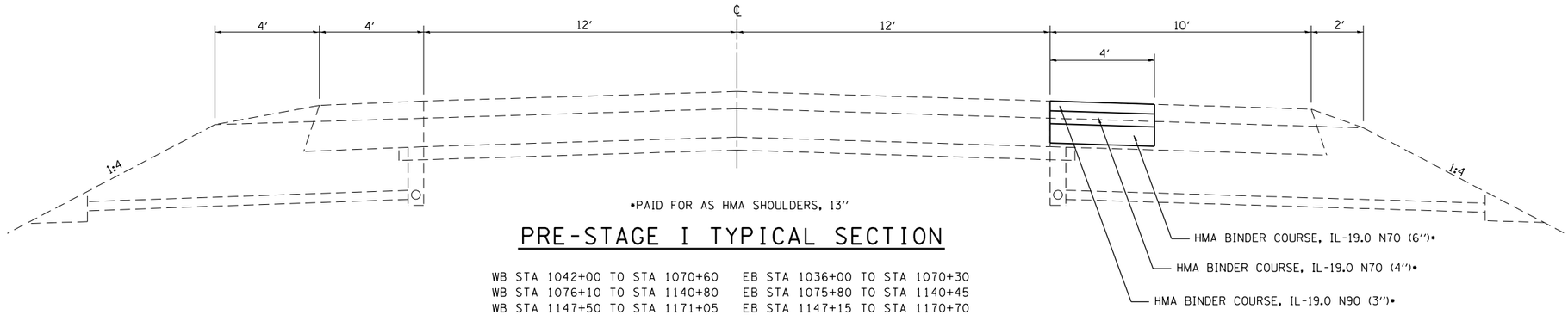
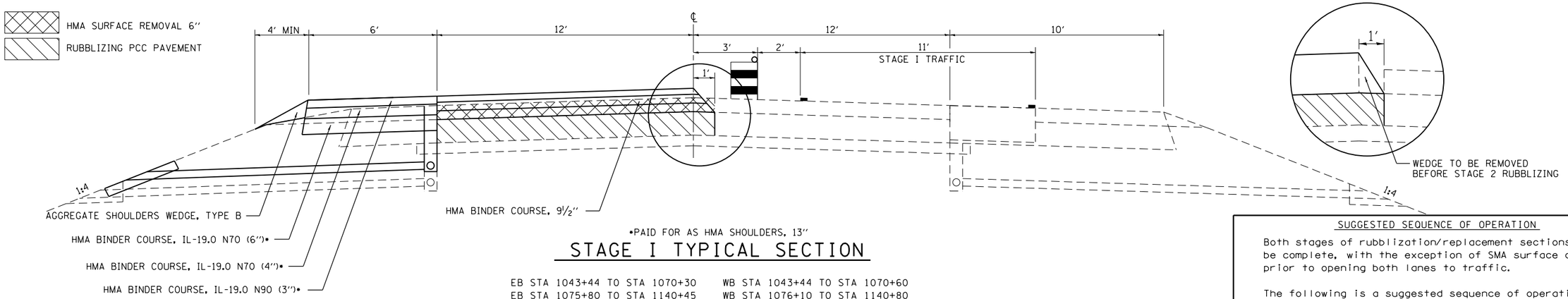
		CONTRACT NO. 74469		
	ILLINOIS FED. AID PROJECT			



PRE-STAGE I TYPICAL SECTION

WB STA 1042+00 TO STA 1070+60	EB STA 1036+00 TO STA 1070+30
WB STA 1076+10 TO STA 1140+80	EB STA 1075+80 TO STA 1140+45
WB STA 1147+50 TO STA 1171+05	EB STA 1147+15 TO STA 1170+70
WB STA 1173+50 TO STA 1239+85	EB STA 1173+20 TO STA 1239+80
WB STA 1245+95 TO STA 1297+45	EB STA 1245+30 TO STA 1296+80
WB STA 1302+95 TO STA 1416+40	EB STA 1300+90 TO STA 1416+05
WB STA 1422+50 TO STA 1531+50	EB STA 1422+15 TO STA 1523+85



•PAID FOR AS HMA SHOULDERS, 13″

STAGE I TYPICAL SECTION

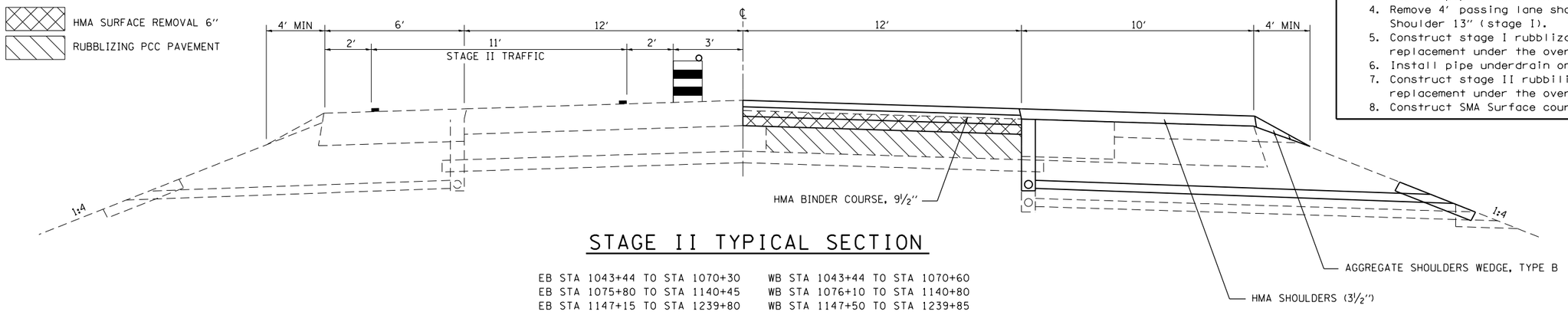
EB STA 1043+44 TO STA 1070+30	WB STA 1043+44 TO STA 1070+60
EB STA 1075+80 TO STA 1140+45	WB STA 1076+10 TO STA 1140+80
EB STA 1147+15 TO STA 1239+80	WB STA 1147+50 TO STA 1239+85
EB STA 1245+30 TO STA 1296+80	WB STA 1245+95 TO STA 1297+45
EB STA 1302+90 TO STA 1416+05	WB STA 1302+95 TO STA 1416+40
EB STA 1422+15 TO STA 1523+85	WB STA 1422+50 TO STA 1524+20

SUGGESTED SEQUENCE OF OPERATION

Both stages of rubblization/replacement sections shall be complete, with the exception of SMA surface course, prior to opening both lanes to traffic.

The following is a suggested sequence of operations:

1. Patch diving lane pavement on entire project. Patch both lanes from the beginning of the closure tapers through the beginning of the traffic control setup.
2. Remove 4′ of driving lane shoulder and construct HMA Shoulder 13″ (pre-stage 1).
3. Install pipe underdrain on passing lane side (stage I).
4. Remove 4′ passing lane shoulder and construct 6′ HMA Shoulder 13″ (stage I).
5. Construct stage I rubblization sections and pavement replacement under the overhead structures.
6. Install pipe underdrain on driving lane side (stage II).
7. Construct stage II rubblization sections and pavement replacement under the overhead structures.
8. Construct SMA Surface course on mainline.



STAGE II TYPICAL SECTION

EB STA 1043+44 TO STA 1070+30	WB STA 1043+44 TO STA 1070+60
EB STA 1075+80 TO STA 1140+45	WB STA 1076+10 TO STA 1140+80
EB STA 1147+15 TO STA 1239+80	WB STA 1147+50 TO STA 1239+85
EB STA 1245+30 TO STA 1296+80	WB STA 1245+95 TO STA 1297+45
EB STA 1302+90 TO STA 1416+05	WB STA 1302+95 TO STA 1416+40
EB STA 1422+15 TO STA 1523+85	WB STA 1422+50 TO STA 1524+20

• EFFINGHAM & FAYETTE

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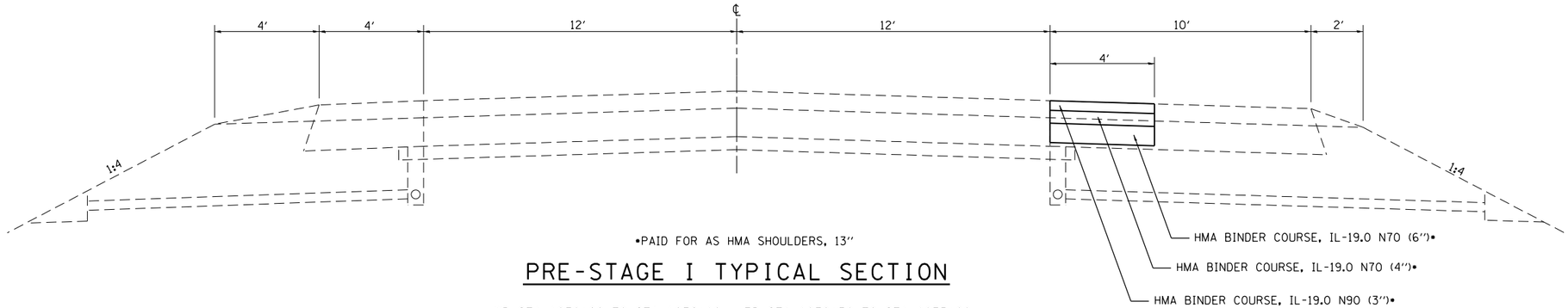
Default	PLOT DATE = 6/5/2014	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

RUBBLIZATION
STAGE CONSTRUCTION DETAILS

SCALE: NA | SHEET 1 OF 2 SHEETS | STA. | TO STA.

F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
70	(26-5,26-5-1,25-1-1)R	•	92	47
		CONTRACT NO. 74469		
	ILLINOIS FED. AID PROJECT			



•PAID FOR AS HMA SHOULDERS, 13″

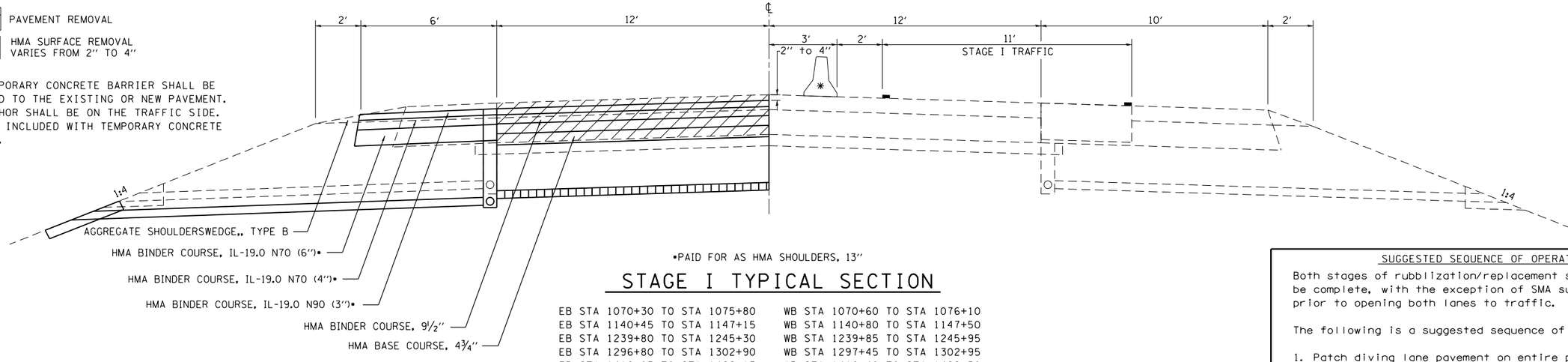
PRE-STAGE I TYPICAL SECTION

WB STA 1070+60 TO STA 1076+10	EB STA 1070+30 TO STA 1075+80
WB STA 1140+80 TO STA 1147+50	EB STA 1140+45 TO STA 1147+15
WB STA 1239+85 TO STA 1245+95	EB STA 1239+80 TO STA 1245+30
WB STA 1297+45 TO STA 1302+95	EB STA 1296+80 TO STA 1302+90
WB STA 1416+40 TO STA 1422+50	EB STA 1416+05 TO STA 1422+15

PAVEMENT REMOVAL

HMA SURFACE REMOVAL
VARIES FROM 2″ TO 4″

* THE TEMPORARY CONCRETE BARRIER SHALL BE ANCHORED TO THE EXISTING OR NEW PAVEMENT. THE ANCHOR SHALL BE ON THE TRAFFIC SIDE. COST IS INCLUDED WITH TEMPORARY CONCRETE BARRIER.



•PAID FOR AS HMA SHOULDERS, 13″

STAGE I TYPICAL SECTION

EB STA 1070+30 TO STA 1075+80	WB STA 1070+60 TO STA 1076+10
EB STA 1140+45 TO STA 1147+15	WB STA 1140+80 TO STA 1147+50
EB STA 1239+80 TO STA 1245+30	WB STA 1239+85 TO STA 1245+95
EB STA 1296+80 TO STA 1302+90	WB STA 1297+45 TO STA 1302+95
EB STA 1416+05 TO STA 1422+15	WB STA 1416+40 TO STA 1422+50

SUGGESTED SEQUENCE OF OPERATION

Both stages of rubblization/replacement sections shall be complete, with the exception of SMA surface course, prior to opening both lanes to traffic.

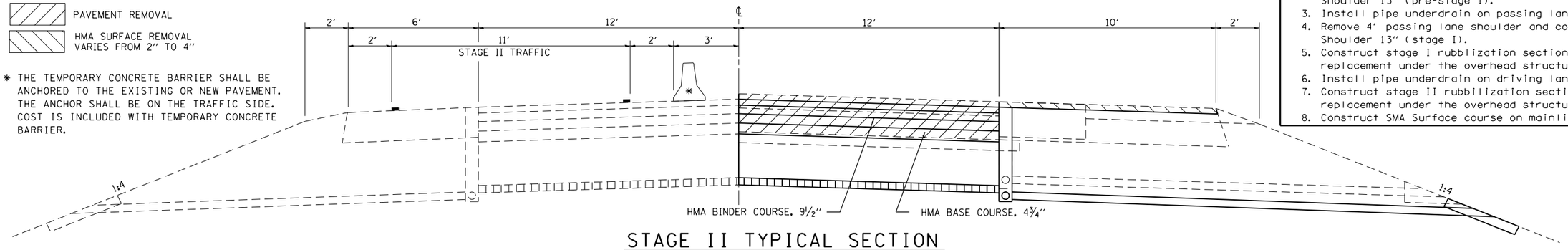
The following is a suggested sequence of operations:

1. Patch diving lane pavement on entire project. Patch both lanes from the beginning of the closure tapers through the beginning of the traffic control setup.
2. Remove 4′ of driving lane shoulder and construct HMA Shoulder 13″ (pre-stage 1).
3. Install pipe underdrain on passing lane side (stage I).
4. Remove 4′ passing lane shoulder and construct 6′ HMA Shoulder 13″ (stage I).
5. Construct stage I rubblization sections and pavement replacement under the overhead structures.
6. Install pipe underdrain on driving lane side (stage II).
7. Construct stage II rubbilization sections and pavement replacement under the overhead structures.
8. Construct SMA Surface course on mainline.

PAVEMENT REMOVAL

HMA SURFACE REMOVAL
VARIES FROM 2″ TO 4″

* THE TEMPORARY CONCRETE BARRIER SHALL BE ANCHORED TO THE EXISTING OR NEW PAVEMENT. THE ANCHOR SHALL BE ON THE TRAFFIC SIDE. COST IS INCLUDED WITH TEMPORARY CONCRETE BARRIER.



STAGE II TYPICAL SECTION

EB STA 1070+30 TO STA 1075+80	WB STA 1070+60 TO STA 1076+10
EB STA 1140+45 TO STA 1147+15	WB STA 1140+80 TO STA 1147+50
EB STA 1239+80 TO STA 1245+30	WB STA 1239+85 TO STA 1245+95
EB STA 1296+80 TO STA 1302+90	WB STA 1297+45 TO STA 1302+95
EB STA 1416+05 TO STA 1422+15	WB STA 1416+40 TO STA 1422+50

• EFFINGHAM & FAYETTE

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

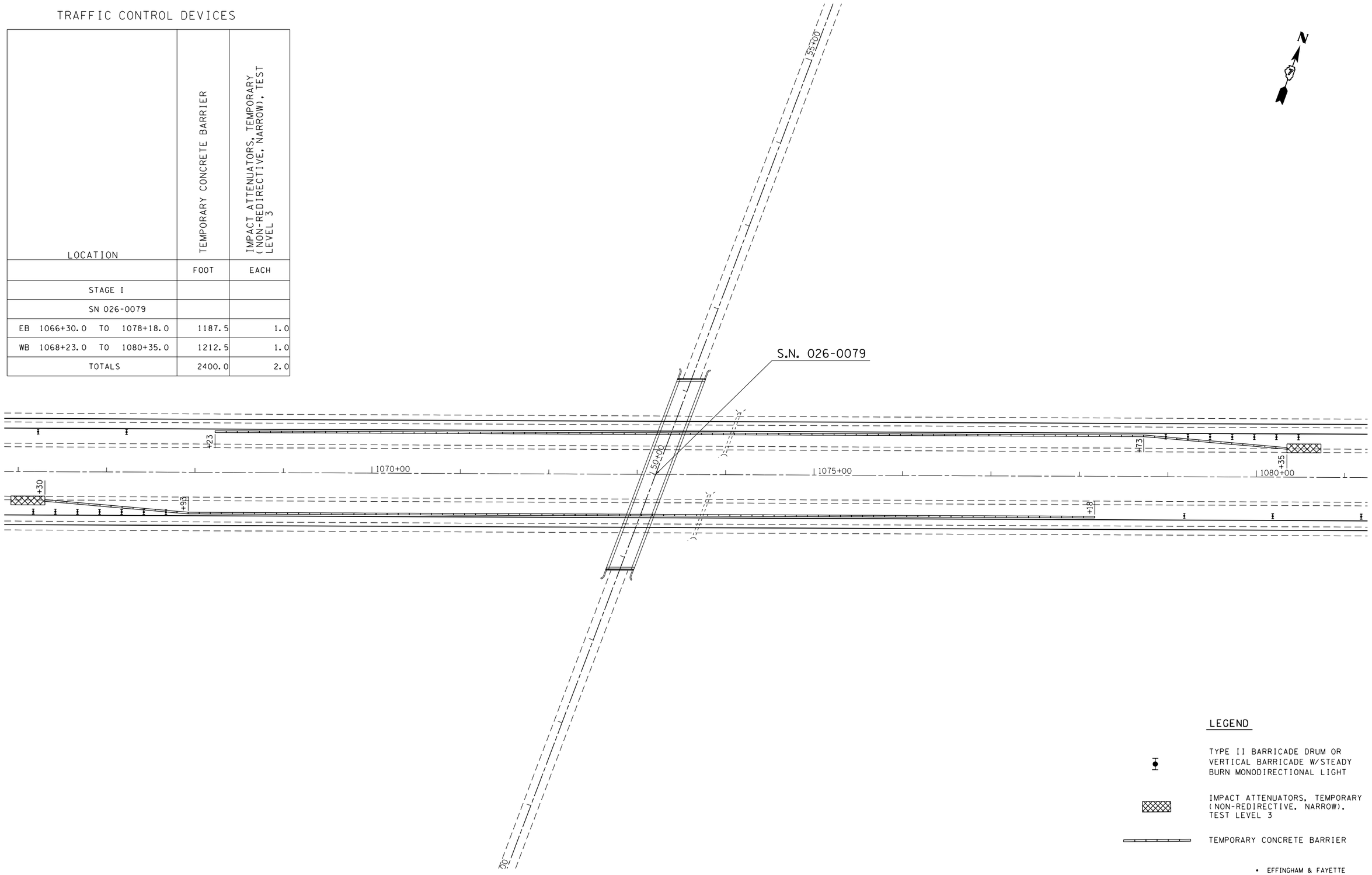
PAVEMENT REMOVAL
STAGE CONSTRUCTION DETAILS

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

F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
70	(26-5,26-5-1,25-1-1)R	•	92	48
		CONTRACT NO. 74469		
		ILLINOIS FED. AID PROJECT		

TRAFFIC CONTROL DEVICES

LOCATION	TEMPORARY CONCRETE BARRIER	IMPACT ATTENUATORS, TEMPORARY (NON-REDIRECTIVE, NARROW), TEST LEVEL 3
	FOOT	EACH
STAGE I		
SN 026-0079		
EB 1066+30.0 TO 1078+18.0	1187.5	1.0
WB 1068+23.0 TO 1080+35.0	1212.5	1.0
TOTALS	2400.0	2.0



LEGEND

TYPE II BARRICADE DRUM OR VERTICAL BARRICADE W/STEADY BURN MONODIRECTIONAL LIGHT

IMPACT ATTENUATORS, TEMPORARY (NON-REDIRECTIVE, NARROW), TEST LEVEL 3

TEMPORARY CONCRETE BARRIER

• EFFINGHAM & FAYETTE

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		DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

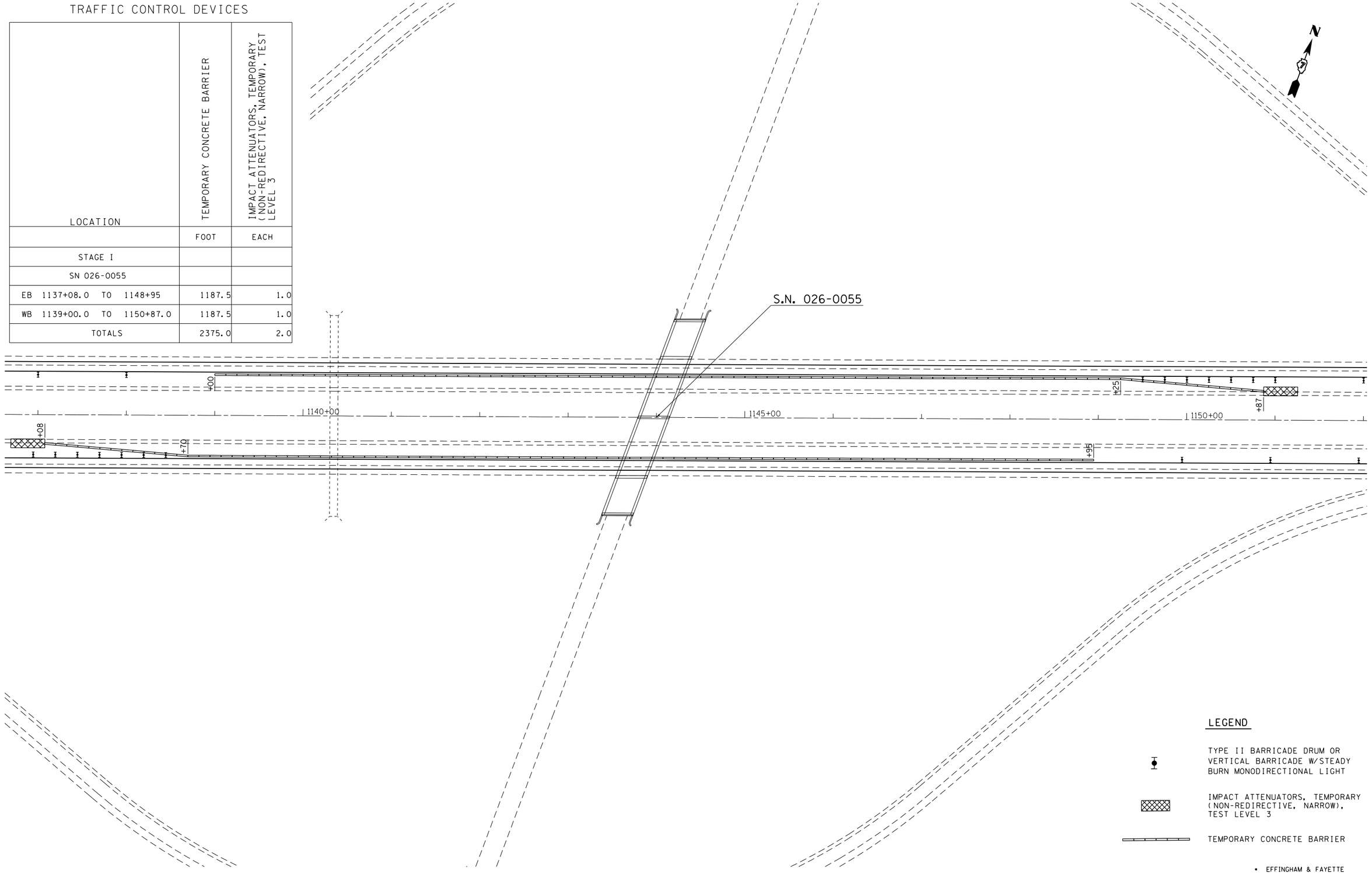
STAGE 1 PAVEMENT REMOVAL
TRAFFIC CONTROL

SCALE: 50 | SHEET NO. 1 OF 5 SHEETS | STA. 1066+00 TO STA. 1081+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
70	(26-5,26-5-1,25-1-1)R	•	92	49
			CONTRACT NO. 74469	
		ILLINOIS	FED. AID PROJECT	

TRAFFIC CONTROL DEVICES

LOCATION	TEMPORARY CONCRETE BARRIER	IMPACT ATTENUATORS, TEMPORARY (NON-REDIRECTIVE, NARROW), TEST LEVEL 3
	FOOT	EACH
STAGE I		
SN 026-0055		
EB 1137+08.0 TO 1148+95	1187.5	1.0
WB 1139+00.0 TO 1150+87.0	1187.5	1.0
TOTALS	2375.0	2.0



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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

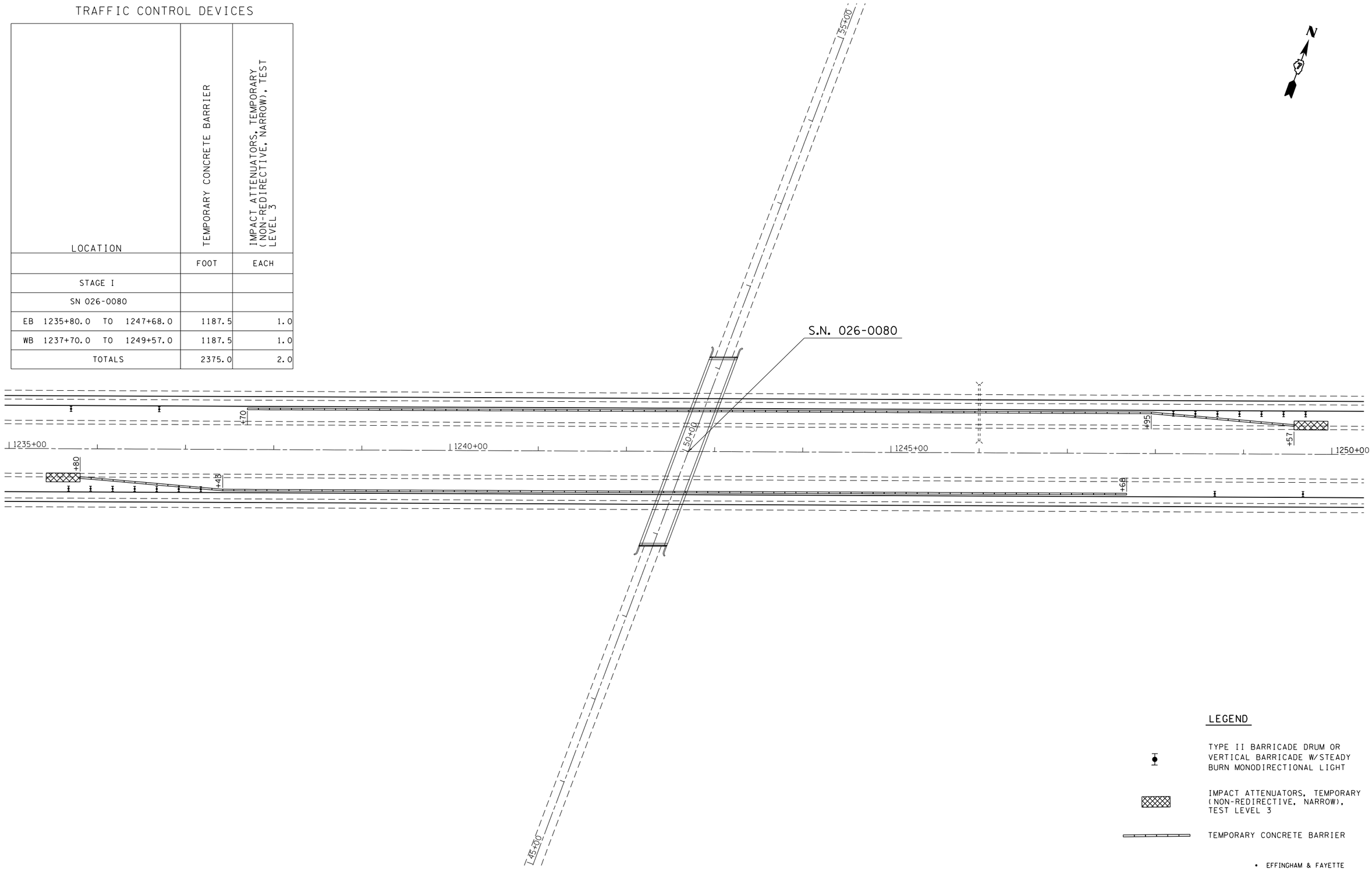
STAGE 1 PAVEMENT REMOVAL
TRAFFIC CONTROL

SCALE: 50 | SHEET NO. 2 OF 5 SHEETS | STA. 1137+00 | TO STA. 1152+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
70	(26-5,26-5-1,25-1-1)R	•	92	50
		CONTRACT NO. 74469		
	ILLINOIS FED. AID PROJECT			

TRAFFIC CONTROL DEVICES

LOCATION	TEMPORARY CONCRETE BARRIER	IMPACT ATTENUATORS, TEMPORARY (NON-REDIRECTIVE, NARROW), TEST LEVEL 3
	FOOT	EACH
STAGE I		
SN 026-0080		
EB 1235+80.0 TO 1247+68.0	1187.5	1.0
WB 1237+70.0 TO 1249+57.0	1187.5	1.0
TOTALS	2375.0	2.0



LEGEND

- TYPE II BARRICADE DRUM OR VERTICAL BARRICADE W/STEADY BURN MONODIRECTIONAL LIGHT
- IMPACT ATTENUATORS, TEMPORARY (NON-REDIRECTIVE, NARROW), TEST LEVEL 3
- TEMPORARY CONCRETE BARRIER

• EFFINGHAM & FAYETTE

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

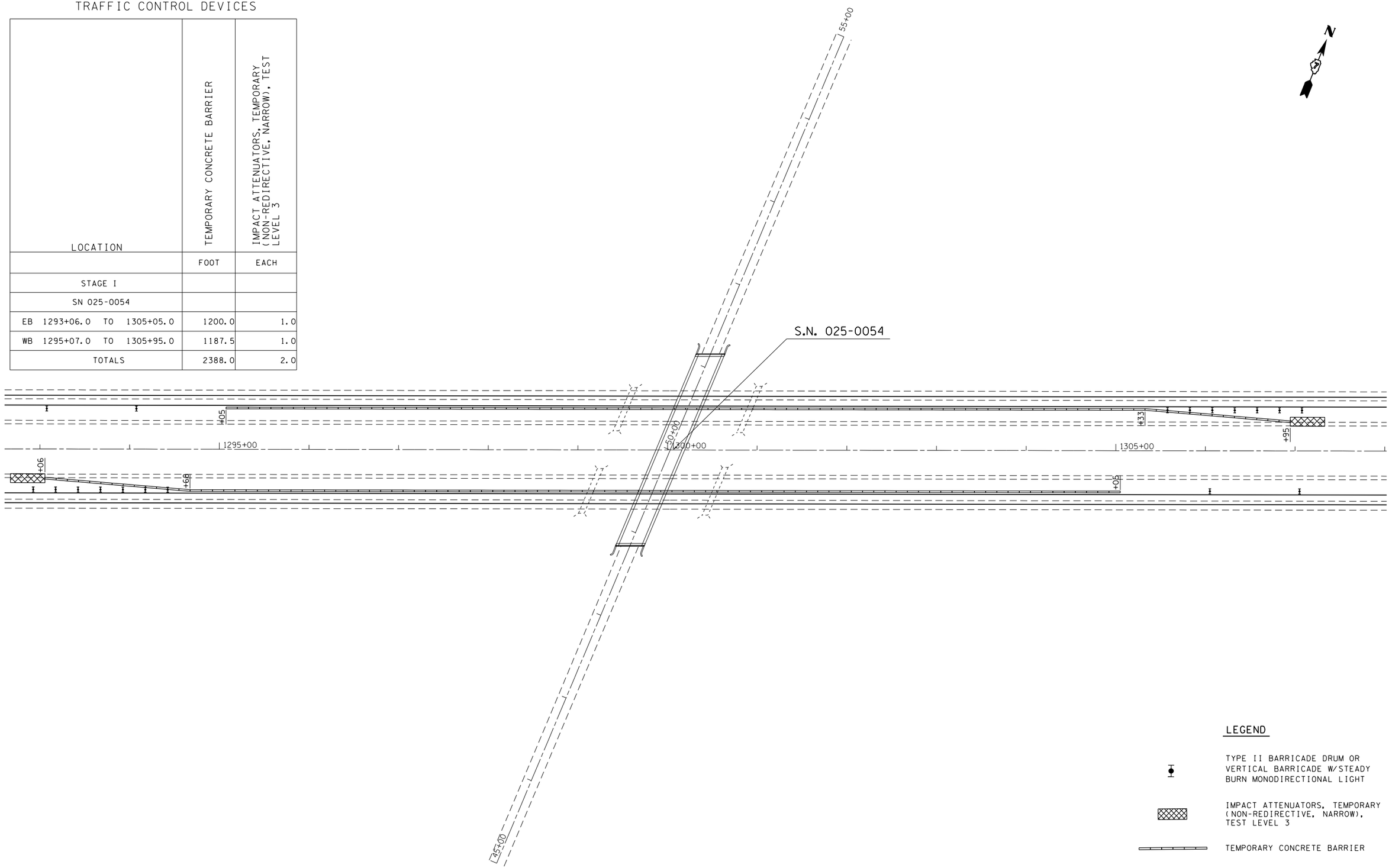
STAGE 1 PAVEMENT REMOVAL
TRAFFIC CONTROL

SCALE: 50 | SHEET NO. 3 OF 5 SHEETS | STA. 1235+00 | TO STA. 1250+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
70	(26-5,26-5-1,25-1-1)R	•	92	51
		CONTRACT NO. 74469		
	ILLINOIS FED. AID PROJECT			

TRAFFIC CONTROL DEVICES

LOCATION	TEMPORARY CONCRETE BARRIER	IMPACT ATTENUATORS, TEMPORARY (NON-REDIRECTIVE, NARROW), TEST LEVEL 3
	FOOT	EACH
STAGE I		
SN 025-0054		
EB 1293+06.0 TO 1305+05.0	1200.0	1.0
WB 1295+07.0 TO 1305+95.0	1187.5	1.0
TOTALS	2388.0	2.0



LEGEND

- TYPE II BARRICADE DRUM OR VERTICAL BARRICADE W/STEADY BURN MONODIRECTIONAL LIGHT
- IMPACT ATTENUATORS, TEMPORARY (NON-REDIRECTIVE, NARROW), TEST LEVEL 3
- TEMPORARY CONCRETE BARRIER

• EFFINGHAM & FAYETTE

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

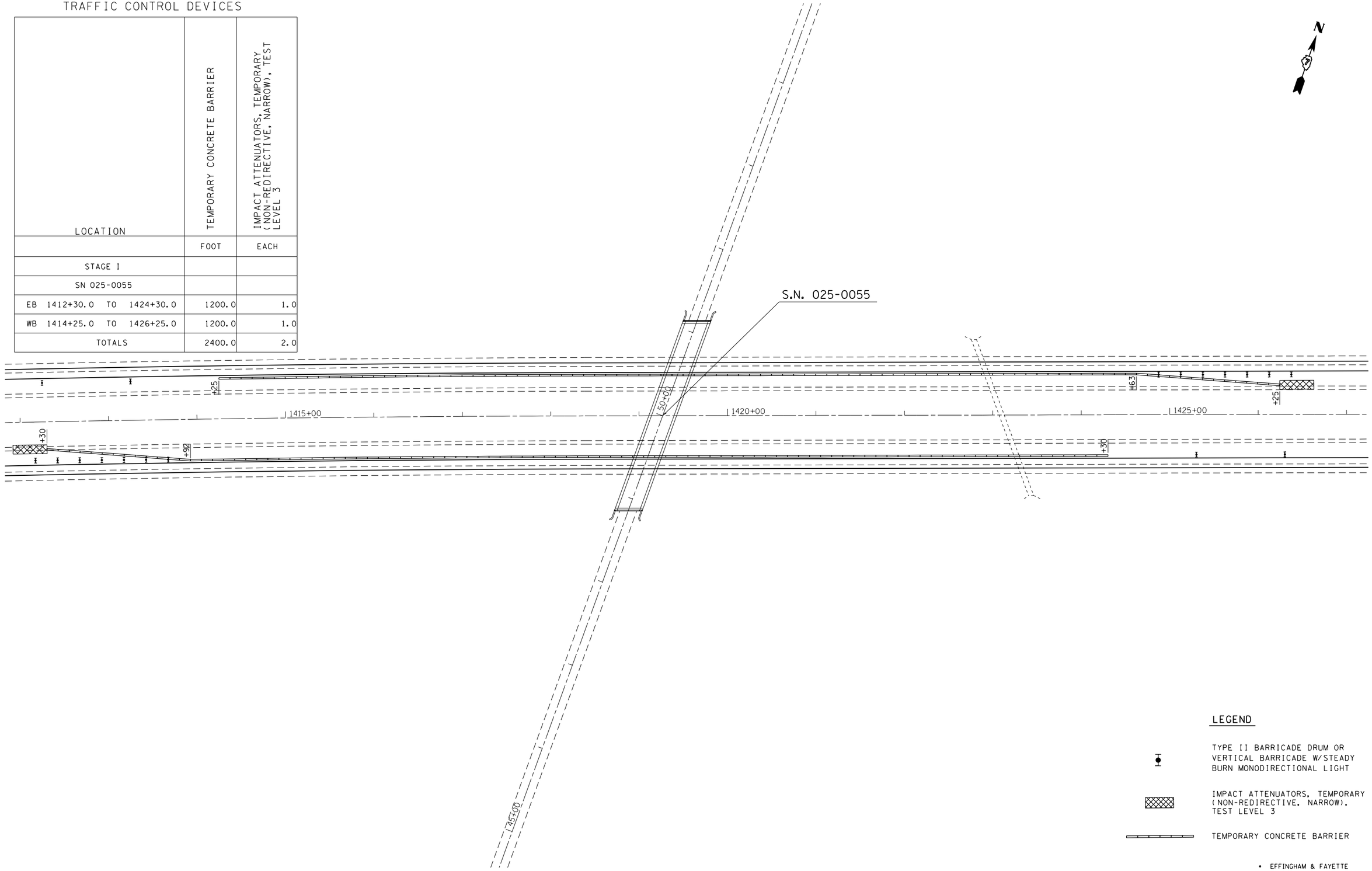
STAGE 1 PAVEMENT REMOVAL
TRAFFIC CONTROL

SCALE: 50 | SHEET NO. 4 OF 5 SHEETS | STA. 1293+00 | TO STA. 1308+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
70	(26-5,26-5-1,25-1-1)R	•	92	52
		CONTRACT NO. 74469		
	ILLINOIS FED. AID PROJECT			

TRAFFIC CONTROL DEVICES

LOCATION	TEMPORARY CONCRETE BARRIER	IMPACT ATTENUATORS, TEMPORARY (NON-REDIRECTIVE, NARROW), TEST LEVEL 3
	FOOT	EACH
STAGE I		
SN 025-0055		
EB 1412+30.0 TO 1424+30.0	1200.0	1.0
WB 1414+25.0 TO 1426+25.0	1200.0	1.0
TOTALS	2400.0	2.0



LEGEND

TYPE II BARRICADE DRUM OR VERTICAL BARRICADE W/STEADY BURN MONODIRECTIONAL LIGHT

IMPACT ATTENUATORS, TEMPORARY (NON-REDIRECTIVE, NARROW), TEST LEVEL 3

TEMPORARY CONCRETE BARRIER

• EFFINGHAM & FAYETTE

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	PLOT DATE = 6/5/2014	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

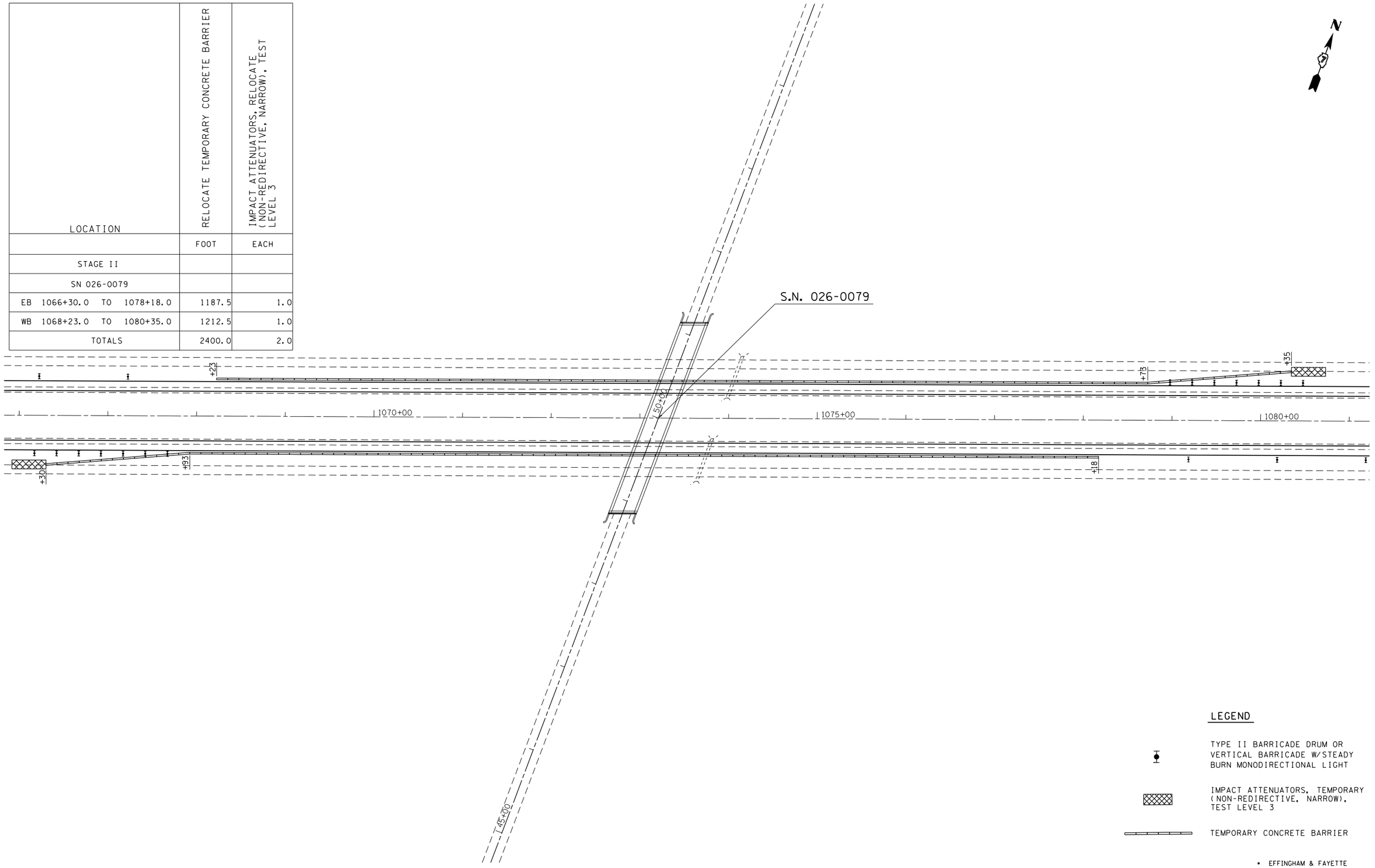
STAGE 1 PAVEMENT REMOVAL
TRAFFIC CONTROL

SCALE: 50 | SHEET NO. 5 OF 5 SHEETS | STA. 1412+00 TO STA. 1427+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
70	(26-5,26-5-1,25-1-1)R	•	92	53
			CONTRACT NO. 74469	
		ILLINOIS	FED. AID PROJECT	

TRAFFIC CONTROL DEVICES

LOCATION	RELOCATE TEMPORARY CONCRETE BARRIER	IMPACT ATTENUATORS, RELOCATE (NON-REDIRECTIVE, NARROW), TEST LEVEL 3
	FOOT	EACH
STAGE II		
SN 026-0079		
EB 1066+30.0 TO 1078+18.0	1187.5	1.0
WB 1068+23.0 TO 1080+35.0	1212.5	1.0
TOTALS	2400.0	2.0



LEGEND

- TYPE II BARRICADE DRUM OR VERTICAL BARRICADE W/STEADY BURN MONODIRECTIONAL LIGHT
- IMPACT ATTENUATORS, TEMPORARY (NON-REDIRECTIVE, NARROW), TEST LEVEL 3
- TEMPORARY CONCRETE BARRIER

• EFFINGHAM & FAYETTE

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

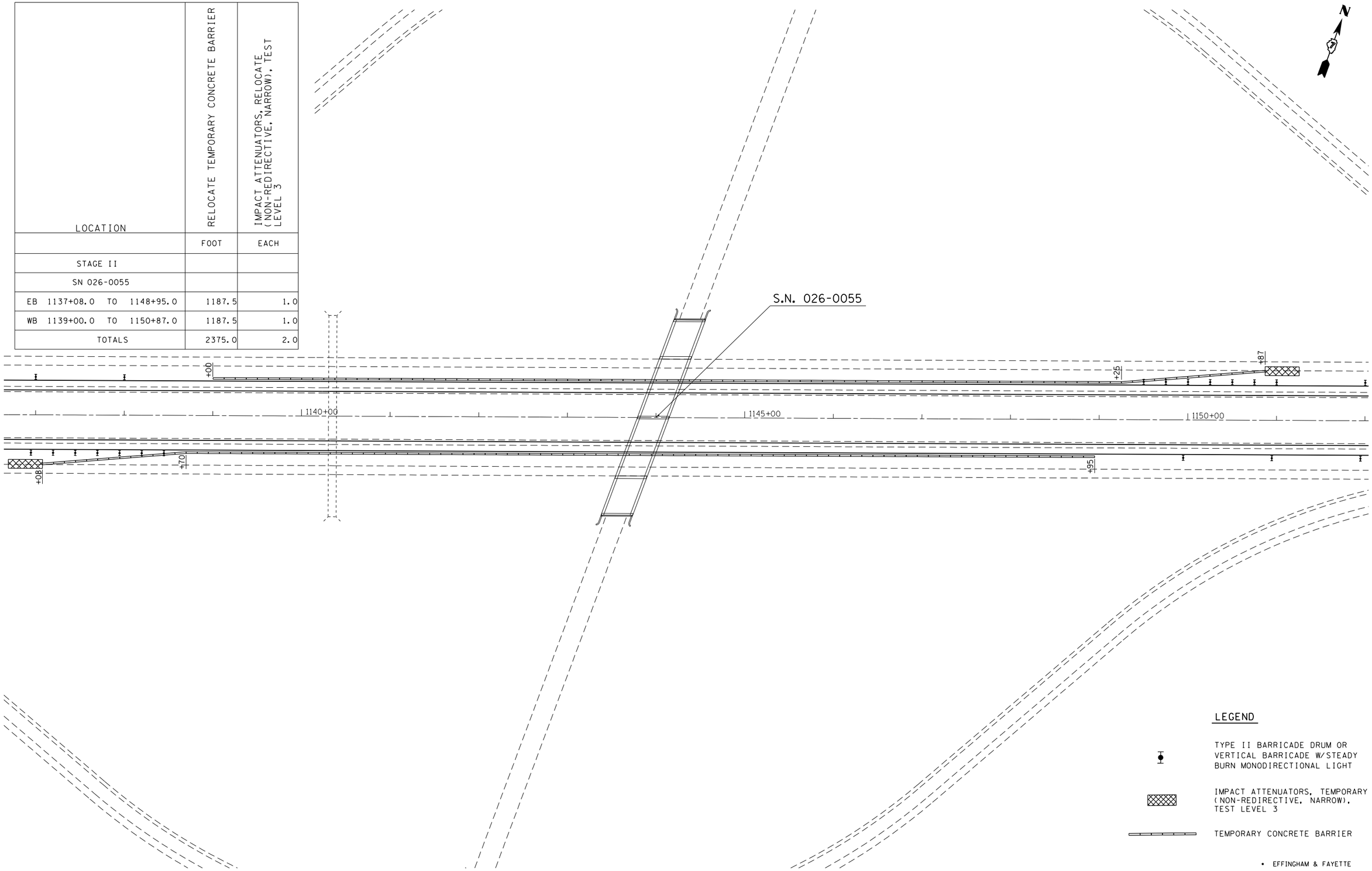
STAGE 2 PAVEMENT REMOVAL
TRAFFIC CONTROL

SCALE: 50 | SHEET NO. 1 OF 5 SHEETS | STA. 1066+00 TO STA. 1081+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
70	(26-5,26-5-1,25-1-1)R	•	92	54
			CONTRACT NO. 74469	
		ILLINOIS FED. AID PROJECT		

TRAFFIC CONTROL DEVICES

LOCATION	RELOCATE TEMPORARY CONCRETE BARRIER	IMPACT ATTENUATORS, RELOCATE (NON-REDIRECTIVE, NARROW), TEST LEVEL 3
	FOOT	EACH
STAGE II		
SN 026-0055		
EB 1137+08.0 TO 1148+95.0	1187.5	1.0
WB 1139+00.0 TO 1150+87.0	1187.5	1.0
TOTALS	2375.0	2.0



LEGEND

- TYPE II BARRICADE DRUM OR VERTICAL BARRICADE W/STEADY BURN MONODIRECTIONAL LIGHT
- IMPACT ATTENUATORS, TEMPORARY (NON-REDIRECTIVE, NARROW), TEST LEVEL 3
- TEMPORARY CONCRETE BARRIER

• EFFINGHAM & FAYETTE

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	PLOT DATE = 6/5/2014	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

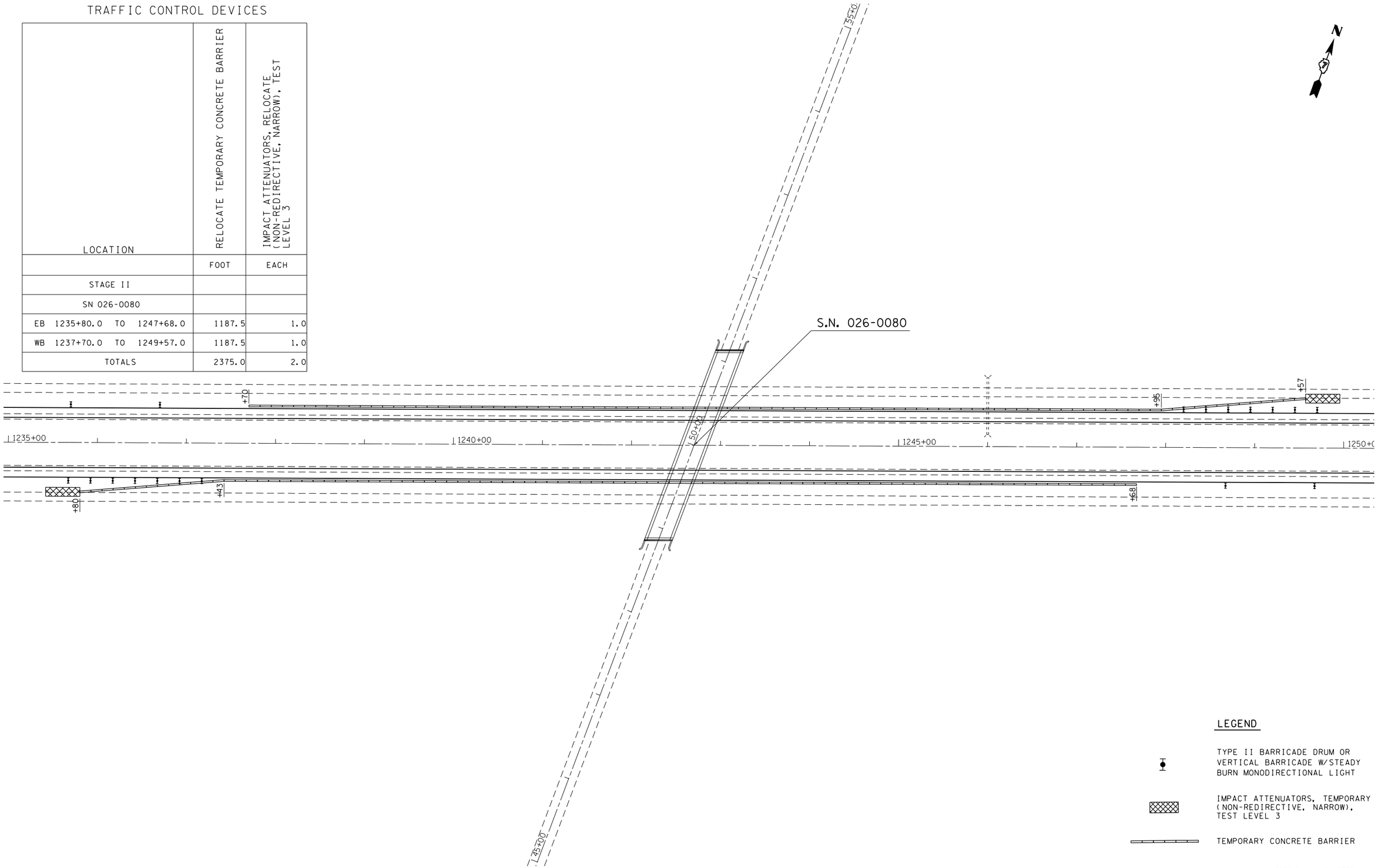
STAGE 2 PAVEMENT REMOVAL
TRAFFIC CONTROL

SCALE: 50 | SHEET NO. 2 OF 5 SHEETS | STA. 1137+00 | TO STA. 1152+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
70	(26-5,26-5-1,25-1-1)R	•	92	55
		CONTRACT NO. 74469		
	ILLINOIS FED. AID PROJECT			

TRAFFIC CONTROL DEVICES

LOCATION	RELOCATE TEMPORARY CONCRETE BARRIER	IMPACT ATTENUATORS, RELOCATE (NON-REDIRECTIVE, NARROW), TEST LEVEL 3
	FOOT	EACH
STAGE II		
SN 026-0080		
EB 1235+80.0 TO 1247+68.0	1187.5	1.0
WB 1237+70.0 TO 1249+57.0	1187.5	1.0
TOTALS	2375.0	2.0



LEGEND

- TYPE II BARRICADE DRUM OR VERTICAL BARRICADE W/STEADY BURN MONODIRECTIONAL LIGHT
- IMPACT ATTENUATORS, TEMPORARY (NON-REDIRECTIVE, NARROW), TEST LEVEL 3
- TEMPORARY CONCRETE BARRIER

• EFFINGHAM & FAYETTE

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

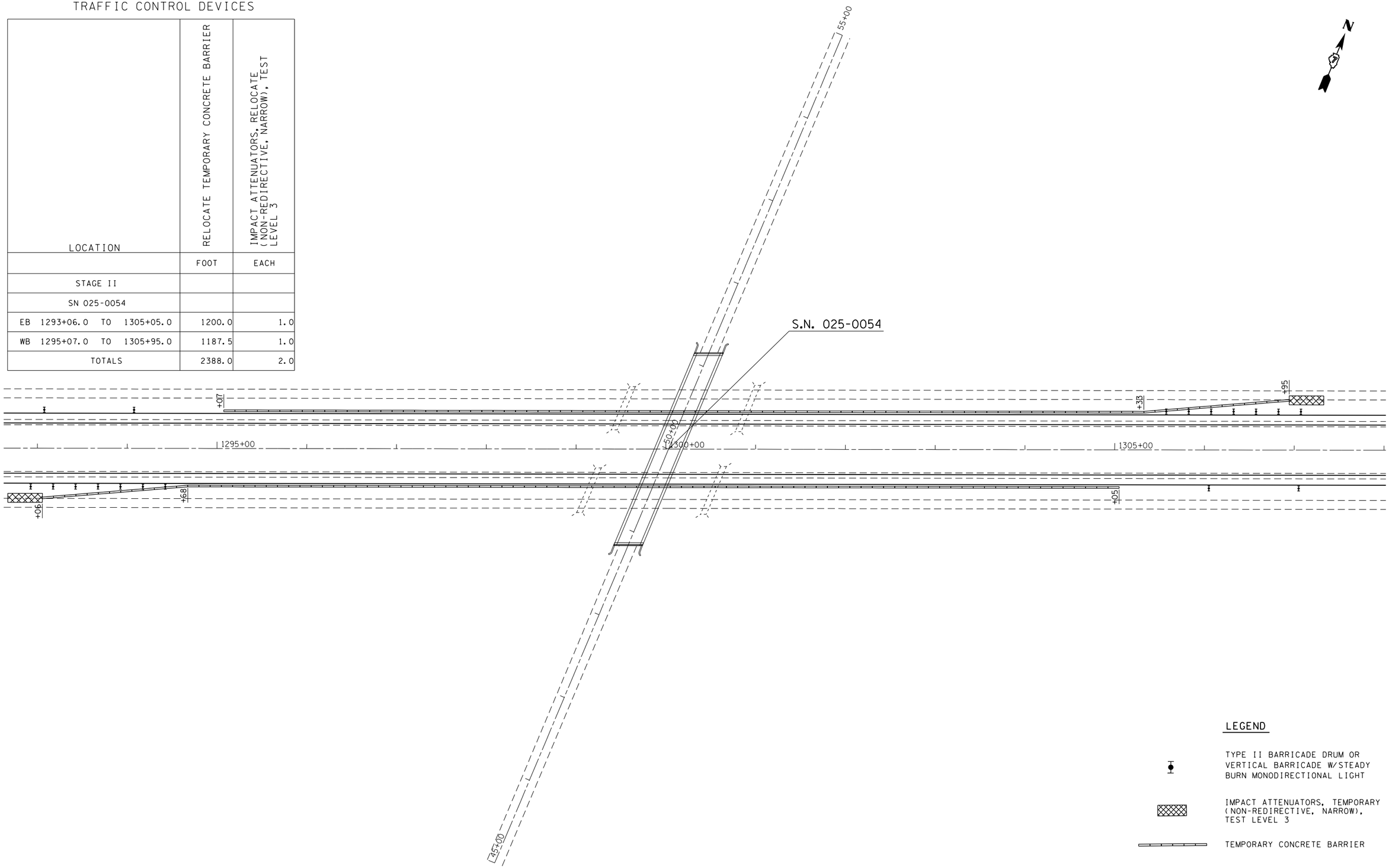
STAGE 2 PAVEMENT REMOVAL
TRAFFIC CONTROL

SCALE: 50 | SHEET NO. 3 OF 5 SHEETS | STA. 1235+00 | TO STA. 1250+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
70	(26-5,26-5-1,25-1-1)R	•	92	56
		CONTRACT NO. 74469		
	ILLINOIS FED. AID PROJECT			

TRAFFIC CONTROL DEVICES

LOCATION	RELOCATE TEMPORARY CONCRETE BARRIER	IMPACT ATTENUATORS, RELOCATE (NON-REDIRECTIVE, NARROW), TEST LEVEL 3
	FOOT	EACH
STAGE II		
SN 025-0054		
EB 1293+06.0 TO 1305+05.0	1200.0	1.0
WB 1295+07.0 TO 1305+95.0	1187.5	1.0
TOTALS	2388.0	2.0



LEGEND

TYPE II BARRICADE DRUM OR VERTICAL BARRICADE W/STEADY BURN MONODIRECTIONAL LIGHT

IMPACT ATTENUATORS, TEMPORARY (NON-REDIRECTIVE, NARROW), TEST LEVEL 3

TEMPORARY CONCRETE BARRIER

• EFFINGHAM & FAYETTE

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

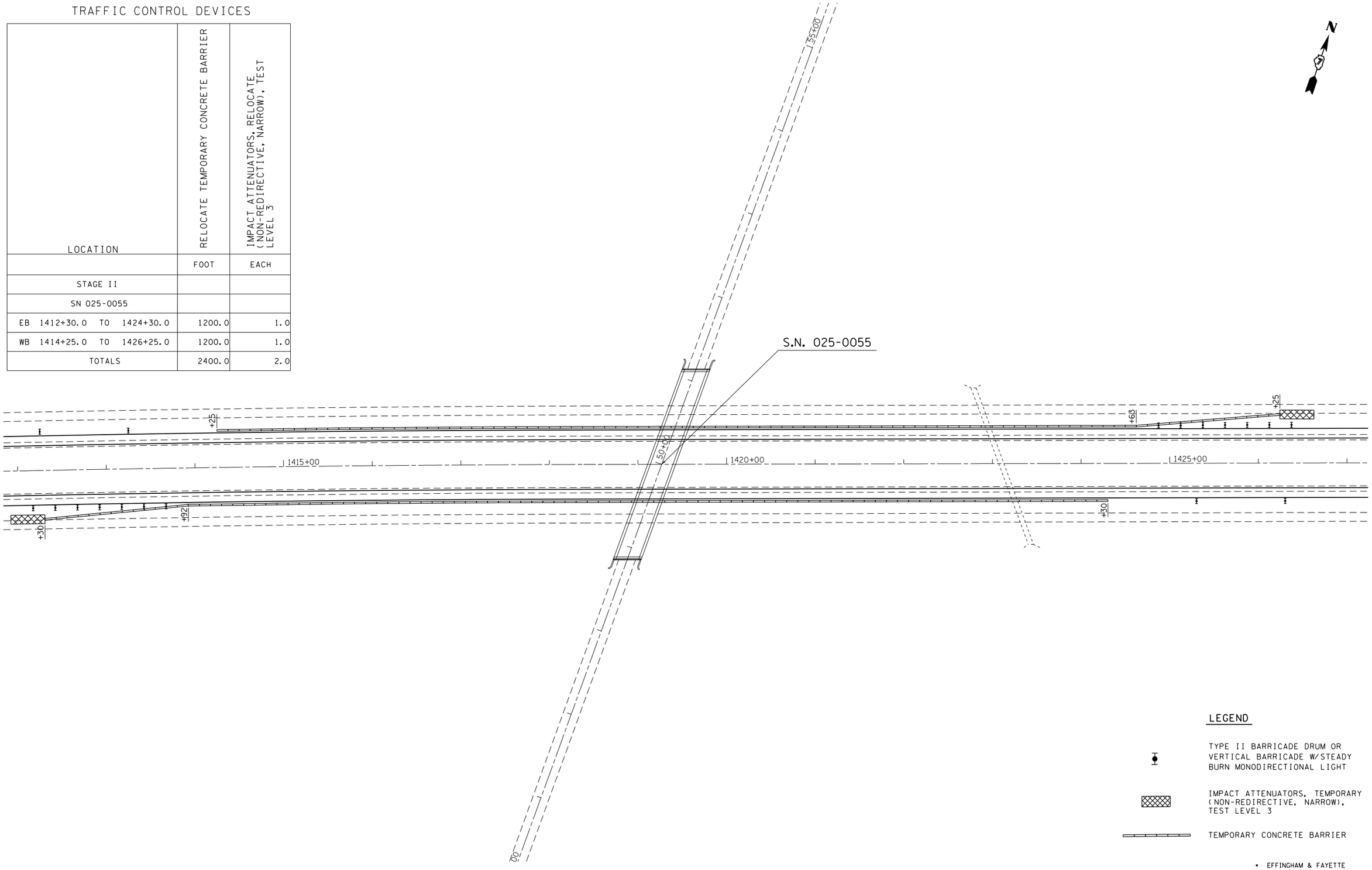
STAGE 2 PAVEMENT REMOVAL
TRAFFIC CONTROL

SCALE: 50 | SHEET NO. 4 OF 5 SHEETS | STA. 1293+00 | TO STA. 1308+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
70	(26-5,26-5-1,25-1-1)R	•	92	57
		CONTRACT NO. 74469		
	ILLINOIS FED. AID PROJECT			

TRAFFIC CONTROL DEVICES

LOCATION	RELOCATE TEMPORARY CONCRETE BARRIER	IMPACT ATTENUATORS, RELOCATE (NON-REDIRECTIVE, NARROW), TEST LEVEL 3
	FOOT	EACH
STAGE II		
SN 025-0055		
EB 1412+30.0 TO 1424+30.0	1200.0	1.0
WB 1414+25.0 TO 1426+25.0	1200.0	1.0
TOTALS	2400.0	2.0



LEGEND

TYPE II BARRICADE DRUM OR VERTICAL BARRICADE W/STEADY BURN MONODIRECTIONAL LIGHT

IMPACT ATTENUATORS, TEMPORARY (NON-REDIRECTIVE, NARROW), TEST LEVEL 3

TEMPORARY CONCRETE BARRIER

• EFFINGHAM & FAYETTE

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	PLOT DATE = 6/5/2014	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

STAGE 2 PAVEMENT REMOVAL
TRAFFIC CONTROL

SCALE: 50 | SHEET NO. 5 OF 5 SHEETS | STA. 1412+00 TO STA. 1427+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
70	(26-5,26-5-1,25-1-1)R	•	92	58
		CONTRACT NO. 74469		
	ILLINOIS FED. AID PROJECT			

HOT-MIX ASPHALT BASE COURSE WIDENING, 10"

47+10 TO 48+37	70.6 SQ YD
47+26 TO 48+77	58.7 SQ YD
51+14 TO 52+73	61.6 SQ YD
51+64 TO 52+91	70.6 SQ YD
TOTAL =	261.0 SQ YD

TEMPORARY CONCRETE BARRIER

47+25 TO 48+12	87.5 FOOT
48+12 TO 51+87	375.0 FOOT
51+87 TO 52+75	87.5 FOOT
TOTAL =	550.0 FOOT

IMPACT ATTENUATORS, TEMPORARY (NON-REDIRECTIVE), TEST LEVEL 2

47+25	1.0 EACH
52+75	1.0 EACH
TOTAL =	2.0 EACH

TEMPORARY BRIDGE TRAFFIC SIGNALS

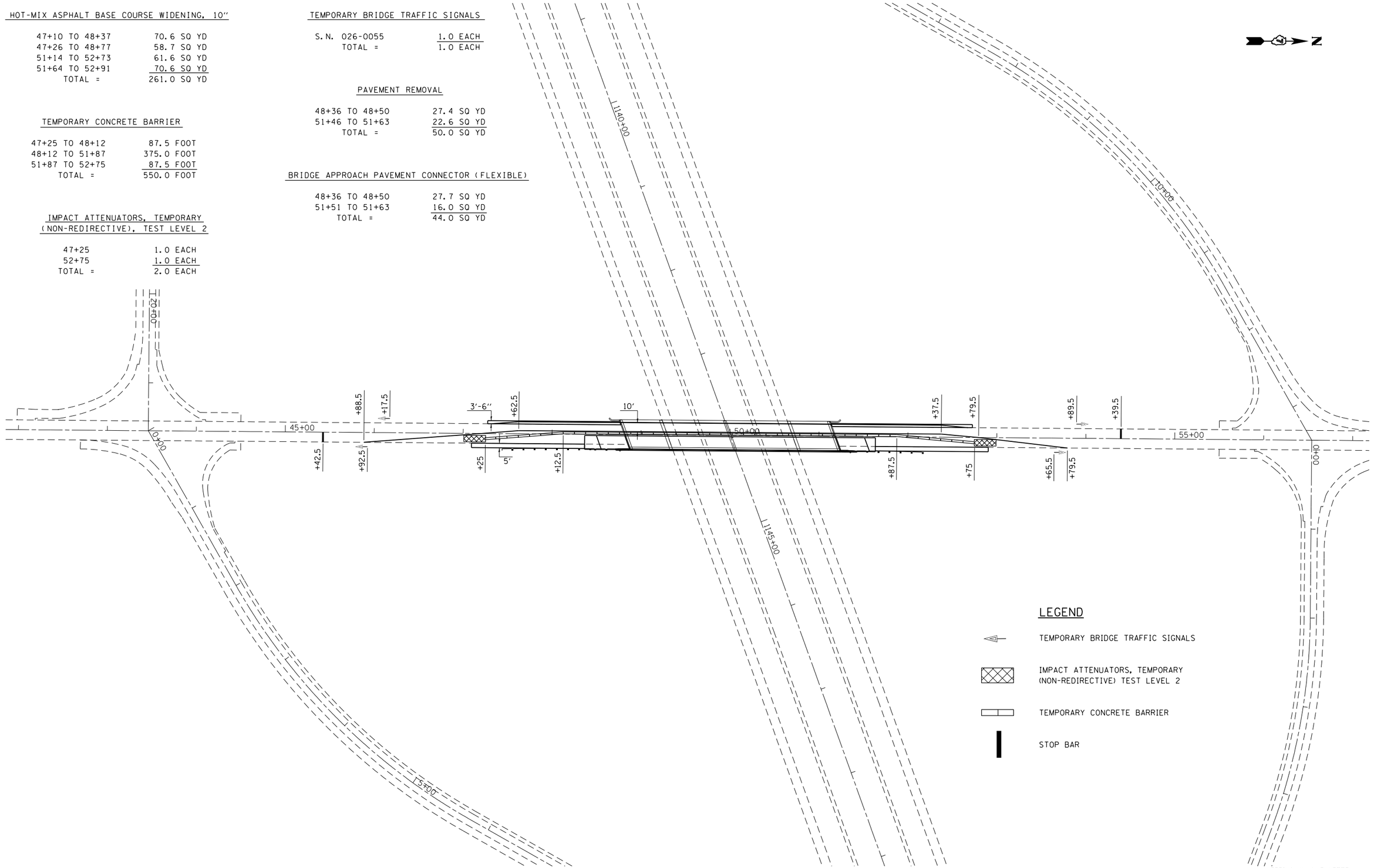
S.N. 026-0055	1.0 EACH
TOTAL =	1.0 EACH

PAVEMENT REMOVAL

48+36 TO 48+50	27.4 SQ YD
51+46 TO 51+63	22.6 SQ YD
TOTAL =	50.0 SQ YD

BRIDGE APPROACH PAVEMENT CONNECTOR (FLEXIBLE)

48+36 TO 48+50	27.7 SQ YD
51+51 TO 51+63	16.0 SQ YD
TOTAL =	44.0 SQ YD



LEGEND

- TEMPORARY BRIDGE TRAFFIC SIGNALS
- IMPACT ATTENUATORS, TEMPORARY (NON-REDIRECTIVE) TEST LEVEL 2
- TEMPORARY CONCRETE BARRIER
- STOP BAR

• EFFINGHAM & FAYETTE

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

STAGE 1 TRAFFIC CONTROL
STRUCTURE NUMBER 026-0055

SCALE: 50 | SHEET NO. 1 OF 2 SHEETS | STA. 42+00 | TO STA. 57+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
70	(26-5,26-5-1,25-1-1)R	•	92	59
		CONTRACT NO. 74469		
	ILLINOIS FED. AID PROJECT			

RELOCATE TEMPORARY CONCRETE BARRIER

47+25 TO 48+12	87.5 FOOT
48+12 TO 51+87	375.0 FOOT
51+87 TO 52+75	87.5 FOOT
TOTAL =	550.0 FOOT

IMPACT ATTENUATORS, RELOCATE (NON-REDIRECTIVE), TEST LEVEL 2

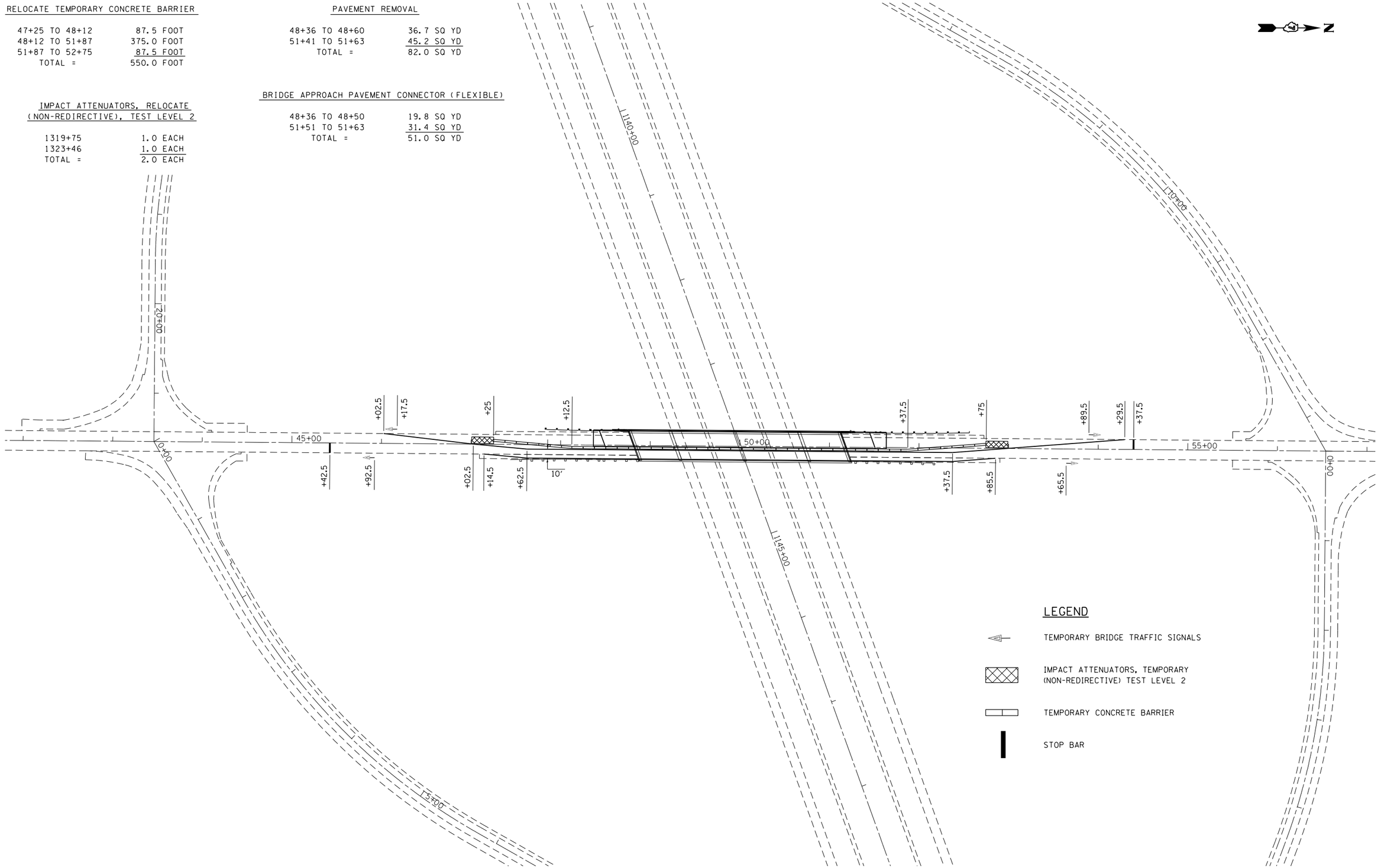
1319+75	1.0 EACH
1323+46	1.0 EACH
TOTAL =	2.0 EACH

PAVEMENT REMOVAL

48+36 TO 48+60	36.7 SQ YD
51+41 TO 51+63	45.2 SQ YD
TOTAL =	82.0 SQ YD

BRIDGE APPROACH PAVEMENT CONNECTOR (FLEXIBLE)

48+36 TO 48+50	19.8 SQ YD
51+51 TO 51+63	31.4 SQ YD
TOTAL =	51.0 SQ YD



LEGEND

- TEMPORARY BRIDGE TRAFFIC SIGNALS
- IMPACT ATTENUATORS, TEMPORARY (NON-REDIRECTIVE) TEST LEVEL 2
- TEMPORARY CONCRETE BARRIER
- STOP BAR

• EFFINGHAM & FAYETTE

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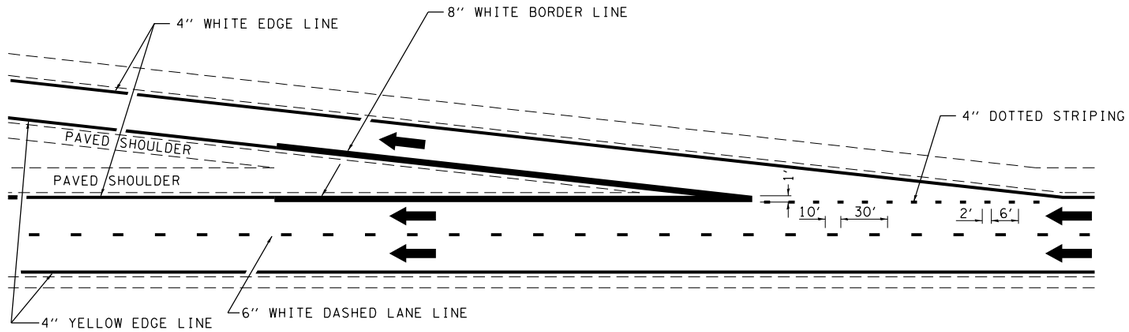
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

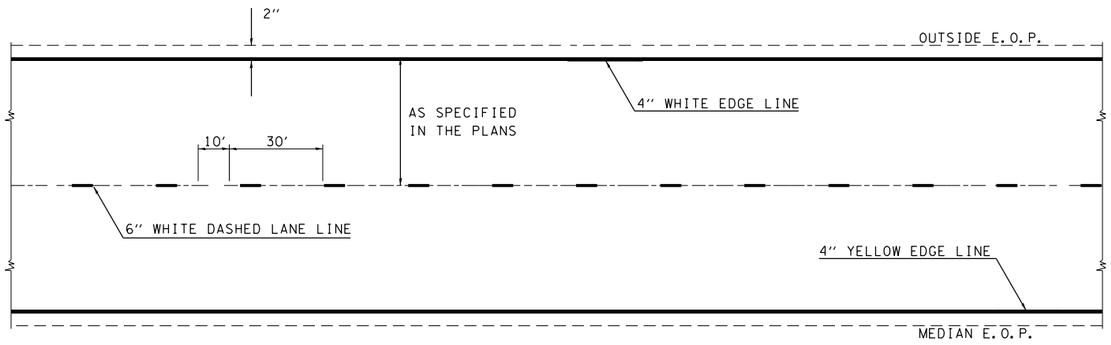
STAGE 2 TRAFFIC CONTROL
STRUCTURE NUMBER 026-0055

SCALE: 50 | SHEET NO. 2 OF 2 SHEETS | STA. 42+00 | TO STA. 57+00

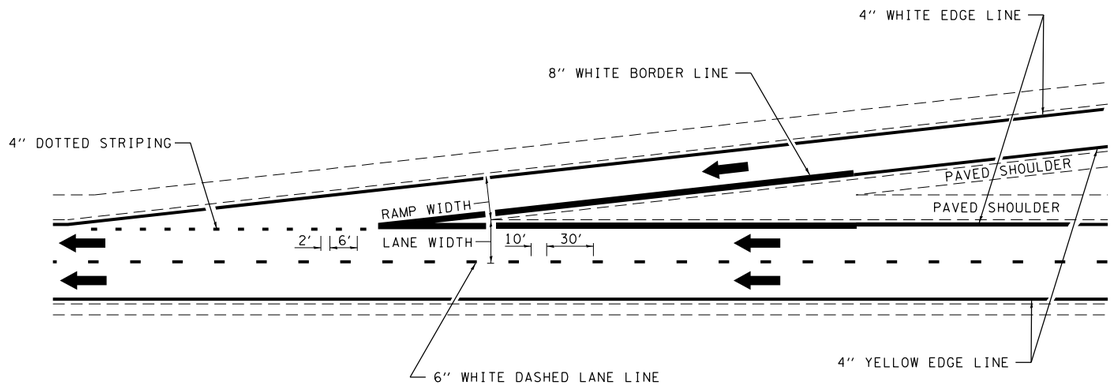
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
70	(26-5,26-5-1,25-1-1)R	•	92	60
			CONTRACT NO. 74469	
	ILLINOIS	FED. AID PROJECT		



TYPICAL EXIT RAMP MARKING



TYPICAL CENTERLINE & EDGELINE MARKINGS



TYPICAL ENTRANCE RAMP MARKING

NOT TO SCALE

• EFFINGHAM & FAYETTE

DISTRICT 7 DETAIL NO. 78000002

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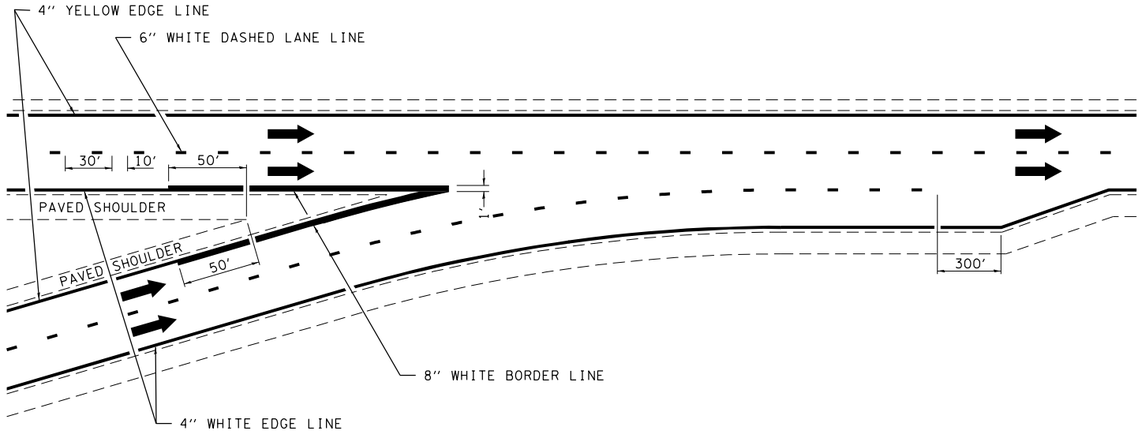
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

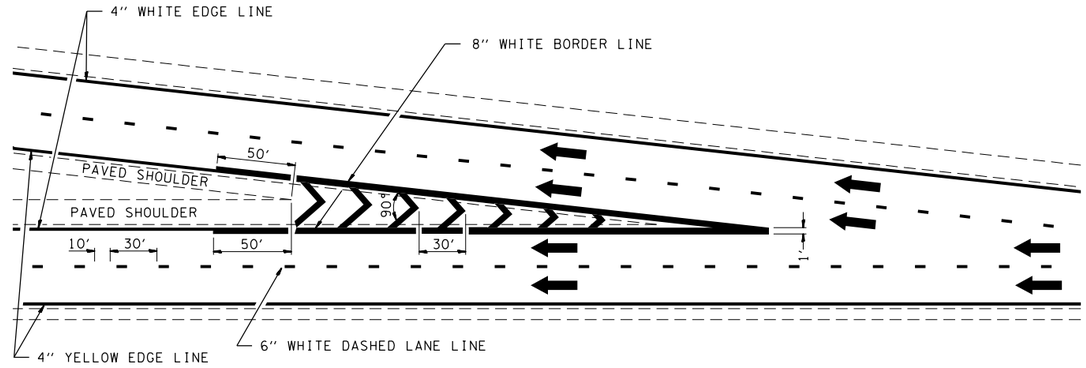
TYPICAL APPLICATIONS OF INTERSTATE PAVEMENT MARKING

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

F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
70	(26-5,26-5-1,25-1-1)R	•	92	61
		CONTRACT NO. 74469		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

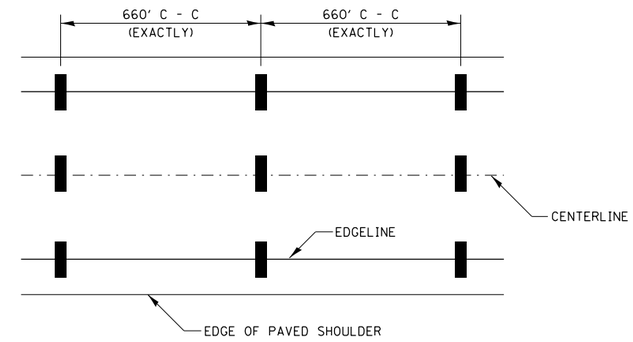


TYPICAL CONVERGENCE MARKING

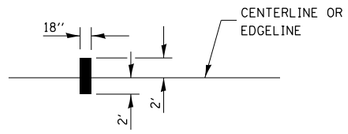


TYPICAL DIVERGENCE MARKING

AERIAL SPEED CHECK ZONES



IT WILL BE NECESSARY TO HAVE A REPRESENTATIVE OF THE STATE POLICE PRESENT SO THAT THE ACCURACY OF MEASUREMENT CAN BE ATTESTED TO IN COURT.



NOT TO SCALE

• EFFINGHAM & FAYETTE

DISTRICT 7 DETAIL NO. 78000002

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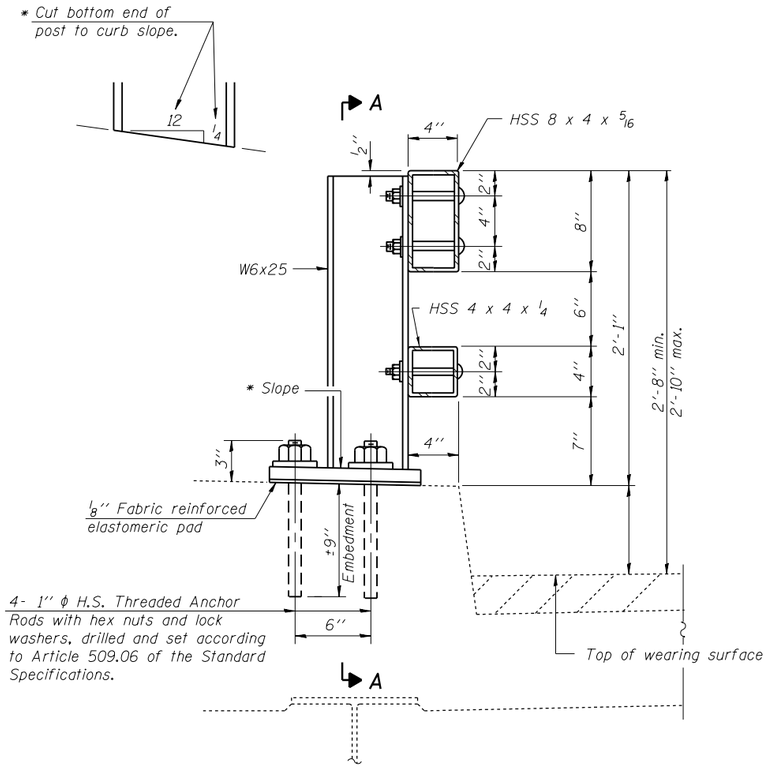
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

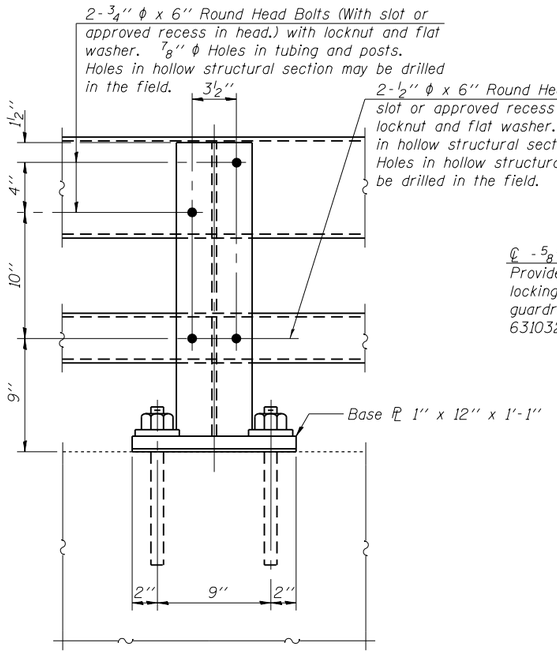
TYPICAL APPLICATIONS OF INTERSTATE PAVEMENT MARKING

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

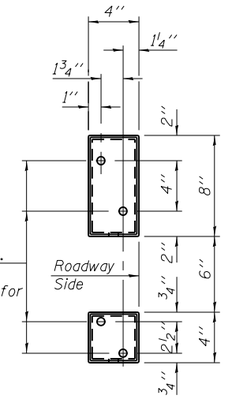
F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
70	(26-5,26-5-1,25-1-1)R	•	92	62
			CONTRACT NO. 74469	
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



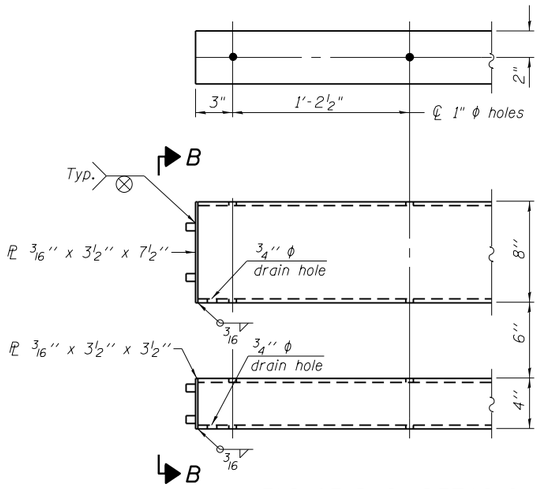
SECTION AT RAIL POST



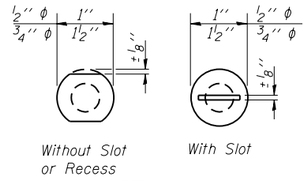
SECTION A-A



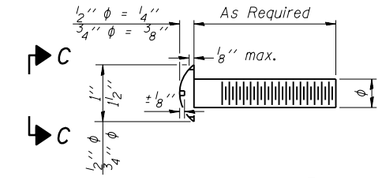
VIEW B-B



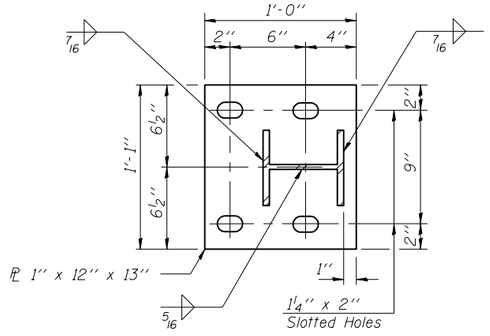
END OF RAIL DETAILS



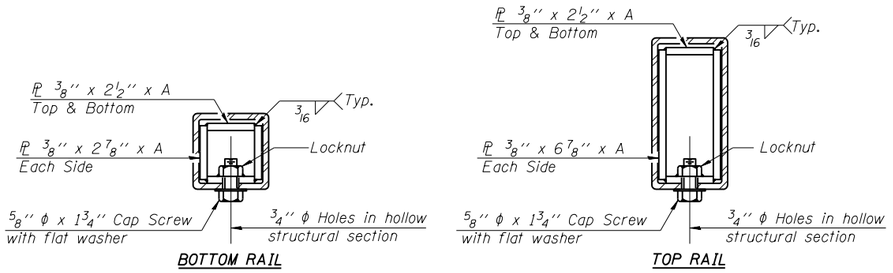
VIEW C-C



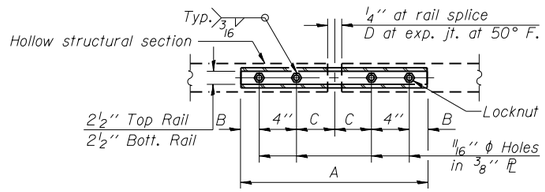
DETAIL OF 1/2" ϕ & 3/4" ϕ ROUND HEAD BOLTS



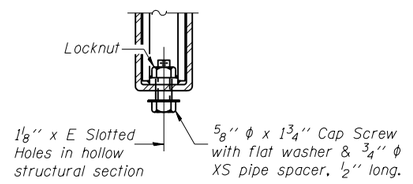
BASE PLATE DETAIL



SECTIONS AT RAIL SPLICE



PLAN-BOTT. SPLICE PL TYPICAL



RAIL SPLICE CONNECTION AT EXPANSION JT.

Notes:

All field drilled holes shall be coated with an approved zinc rich paint before erection.

Posts shall not be located closer than 1'-3" to an existing bridge expansion joint or end of bridge.

Steel Bridge Rail expansion joint shall be provided between any two (2) posts which span a bridge expansion joint. Bolts located at expansion joint shall be provided with locknuts and shall be tightened only to a point that will allow railing movement.

Provide one 1/8" and two 1/16" steel shims for 25% of the posts. Shims shall be similar to base plates in size and holes.

All steel rail elements shall be galvanized according to Article 509.05 of the Standard Specifications.

SPLICE DIMENSIONS

T	D	A	B	C	E
≤4"	2 1/2"	1'-8"	2"	4"	2 1/2"
>4" ≤6 1/2"	3 3/4"	2'-0"	2 1/2"	5 1/2"	3 1/2"
>6 1/2" ≤9"	5"	2'-4"	3 1/2"	6 1/2"	9"
>9" ≤13"	7"	2'-10"	4 1/2"	8 1/2"	11"
Rail Splice	1/4"	1'-8"	2"	4"	—

T = Total movement at expansion joint as shown on the design plans.

BILL OF MATERIAL

Item	Unit	Quantity
Steel Railing, Type 2399	Foot	462.0

(6'-3" Maximum Post Spacing)

R-31

7-1-10

•EFFINGHAM & FAYETTE

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

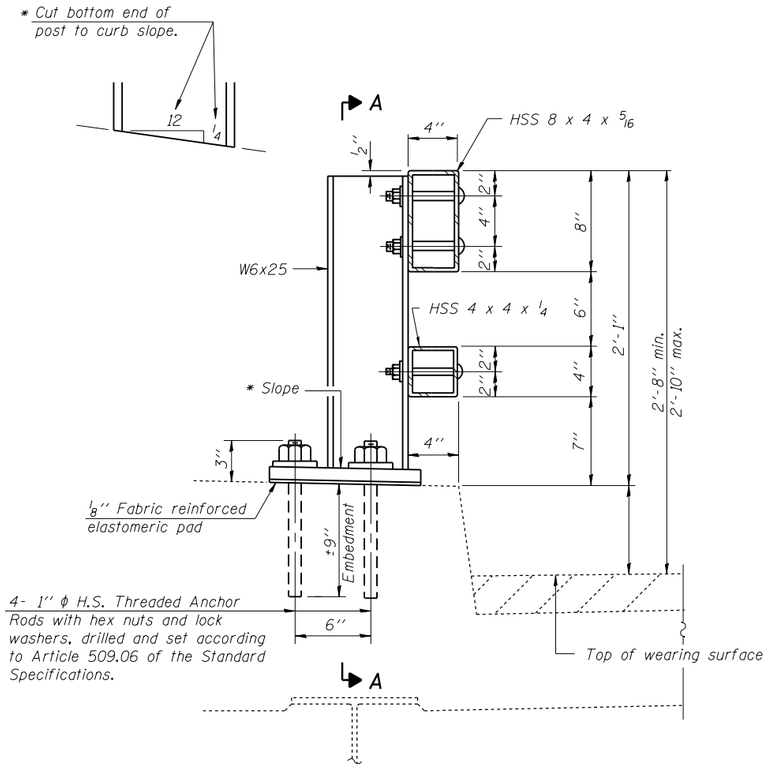
STEEL RAILING, TYPE 2399
STRUCTURE NO. 026-0079

SCALE: | SHEET 1 OF 4 SHEETS | STA. | TO STA.

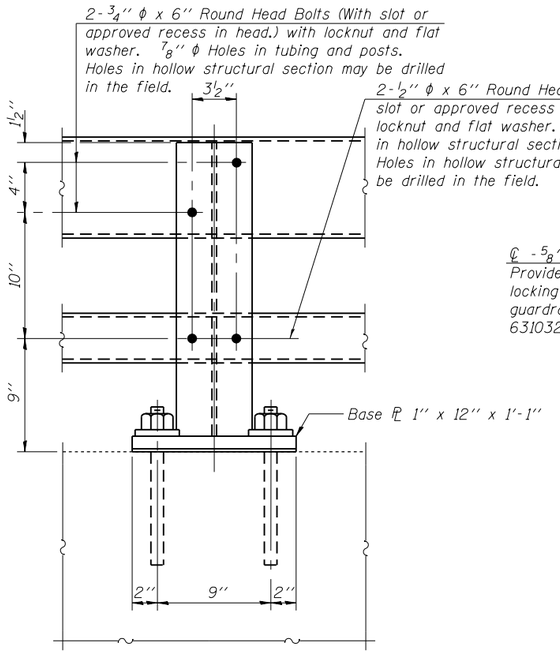
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
70	(26-5,26-5-1,25-1-1)R	•	92	63

CONTRACT NO. 74469

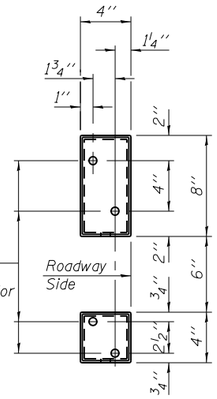
ILLINOIS FED. AID PROJECT



SECTION AT RAIL POST

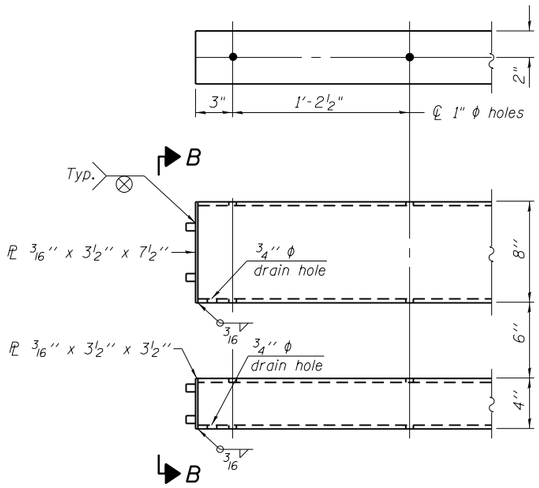


SECTION A-A

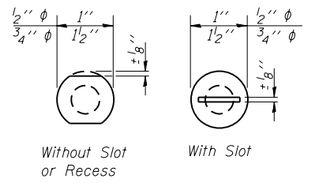


VIEW B-B

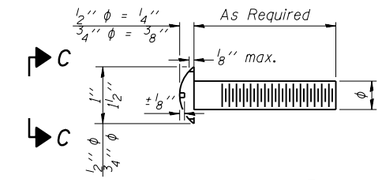
℄ - 5/8" reduced base welded studs. Provide 4 - 5/8" washers and self-locking nuts or nuts and jam nuts for guardrail connection shown on Std. 631032.



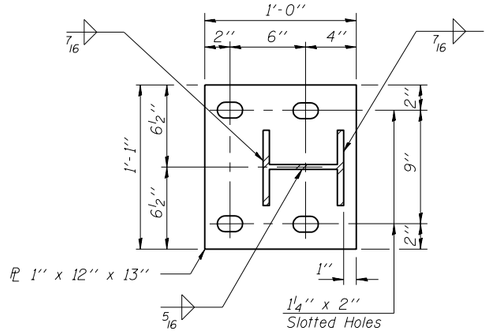
END OF RAIL DETAILS



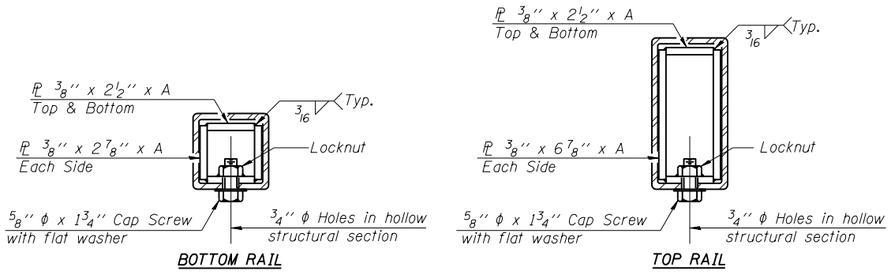
VIEW C-C



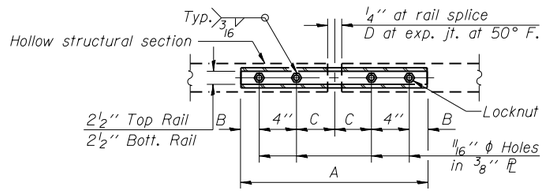
DETAIL OF 1/2" ϕ & 3/4" ϕ ROUND HEAD BOLTS



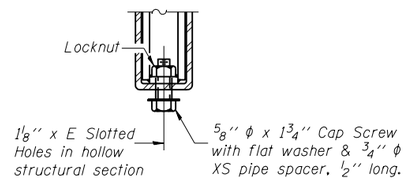
BASE PLATE DETAIL



SECTIONS AT RAIL SPLICE



PLAN-BOTT. SPLICE ℄ TYPICAL



RAIL SPLICE CONNECTION AT EXPANSION JT.

Notes:

All field drilled holes shall be coated with an approved zinc rich paint before erection.

Posts shall not be located closer than 1'-3" to an existing bridge expansion joint or end of bridge.

Steel Bridge Rail expansion joint shall be provided between any two (2) posts which span a bridge expansion joint. Bolts located at expansion joint shall be provided with locknuts and shall be tightened only to a point that will allow railing movement.

Provide one 1/8" and two 1/16" steel shims for 25% of the posts. Shims shall be similar to base plates in size and holes.

All steel rail elements shall be galvanized according to Article 509.05 of the Standard Specifications.

SPLICE DIMENSIONS

T	D	A	B	C	E
≤4"	2 1/2"	1'-8"	2"	4"	2 1/2"
>4" ≤6 1/2"	3 3/4"	2'-0"	2 1/2"	5 1/2"	3 1/2"
>6 1/2" ≤9"	5"	2'-4"	3 1/2"	6 1/2"	9"
>9" ≤13"	7"	2'-10"	4 1/2"	8 1/2"	11"
Rail Splice	1/4"	1'-8"	2"	4"	—

T = Total movement at expansion joint as shown on the design plans.

BILL OF MATERIAL

Item	Unit	Quantity
Steel Railing, Type 2399	Foot	458.0

(6'-3" Maximum Post Spacing)

R-31

7-1-10

•EFFINGHAM & FAYETTE

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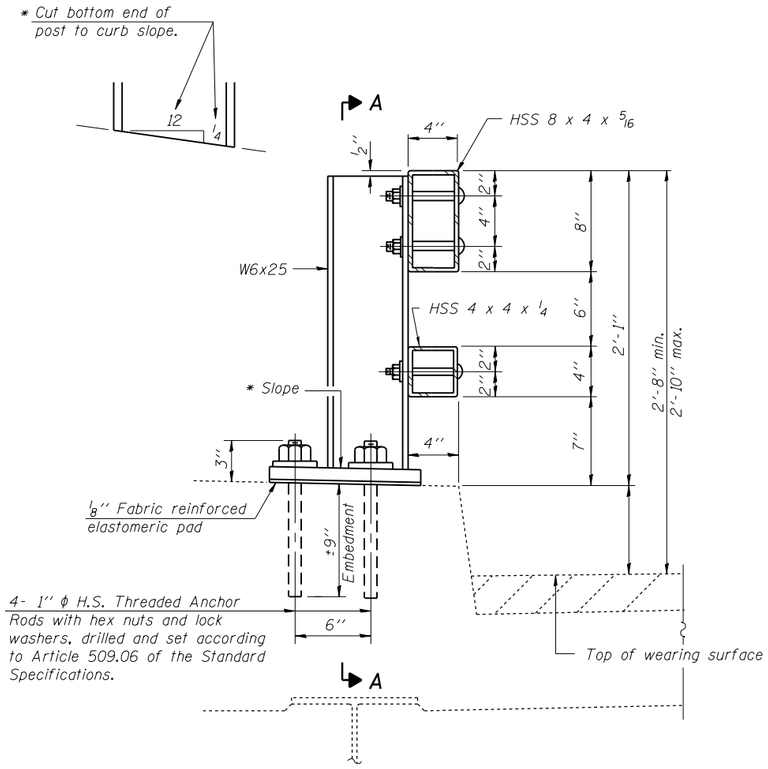
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

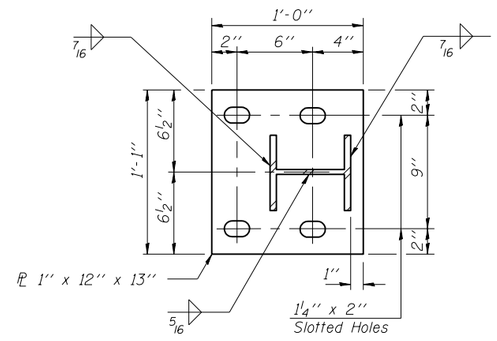
STEEL RAILING, TYPE 2399
STRUCTURE NO. 026-0080

SCALE: | SHEET 2 OF 4 SHEETS | STA. | TO STA.

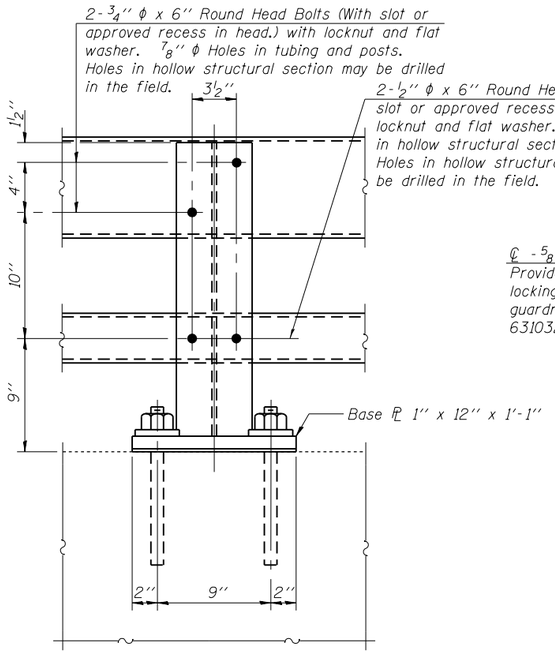
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
70	(26-5,26-5-1,25-1-1)R	•	92	64
		CONTRACT NO. 74469		
		ILLINOIS FED. AID PROJECT		



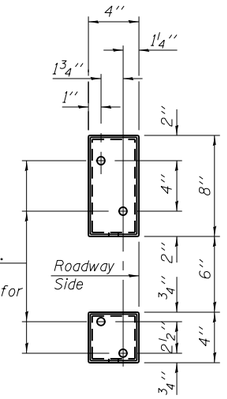
SECTION AT RAIL POST



BASE PLATE DETAIL

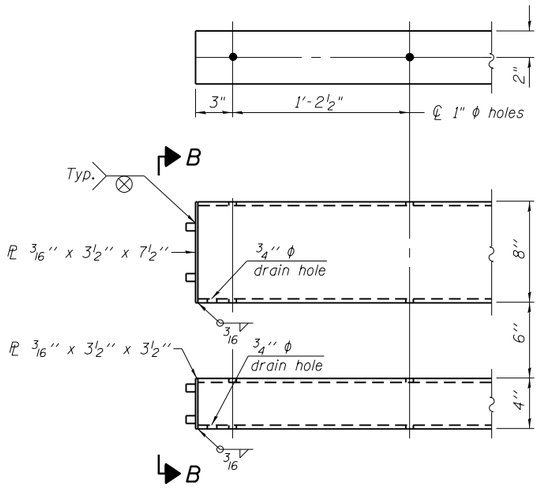


SECTION A-A

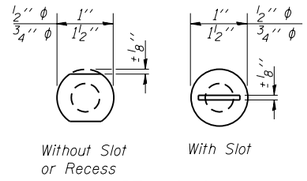


PL - 5/8" reduced base welded studs. Provide 4 - 5/8" washers and self-locking nuts or nuts and jam nuts for guardrail connection shown on Std. 631032.

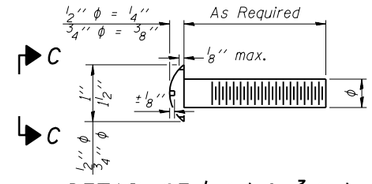
VIEW B-B



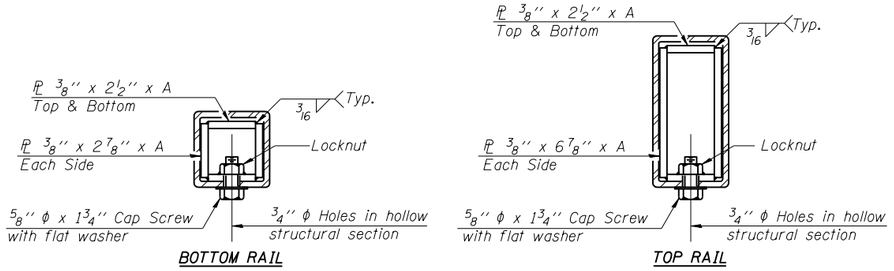
END OF RAIL DETAILS



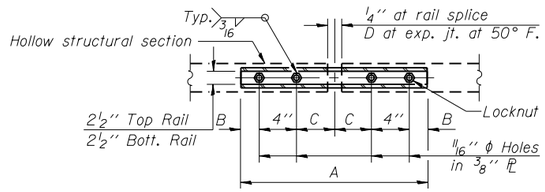
VIEW C-C



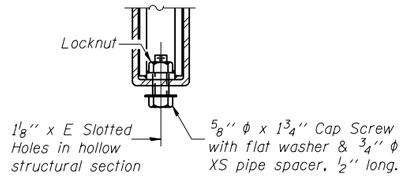
DETAIL OF 1/2" ϕ & 3/4" ϕ ROUND HEAD BOLTS



SECTIONS AT RAIL SPLICE



PLAN-BOTT. SPLICE PL TYPICAL



RAIL SPLICE CONNECTION AT EXPANSION JT.

Notes:

All field drilled holes shall be coated with an approved zinc rich paint before erection.

Posts shall not be located closer than 1'-3" to an existing bridge expansion joint or end of bridge.

Steel Bridge Rail expansion joint shall be provided between any two (2) posts which span a bridge expansion joint. Bolts located at expansion joint shall be provided with locknuts and shall be tightened only to a point that will allow railing movement.

Provide one 1/8" and two 1/16" steel shims for 25% of the posts. Shims shall be similar to base plates in size and holes.

All steel rail elements shall be galvanized according to Article 509.05 of the Standard Specifications.

SPLICE DIMENSIONS

T	D	A	B	C	E
≤4"	2 1/2"	1'-8"	2"	4"	2 1/2"
>4" ≤6 1/2"	3 3/4"	2'-0"	2 1/2"	5 1/2"	3 1/2"
>6 1/2" ≤9"	5"	2'-4"	3 1/2"	6 1/2"	9"
>9" ≤13"	7"	2'-10"	4 1/2"	8 1/2"	11"
Rail Splice	1/4"	1'-8"	2"	4"	—

T = Total movement at expansion joint as shown on the design plans.

BILL OF MATERIAL

Item	Unit	Quantity
Steel Railing, Type 2399	Foot	466.0

(6'-3" Maximum Post Spacing)

R-31

7-1-10

•EFFINGHAM & FAYETTE

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

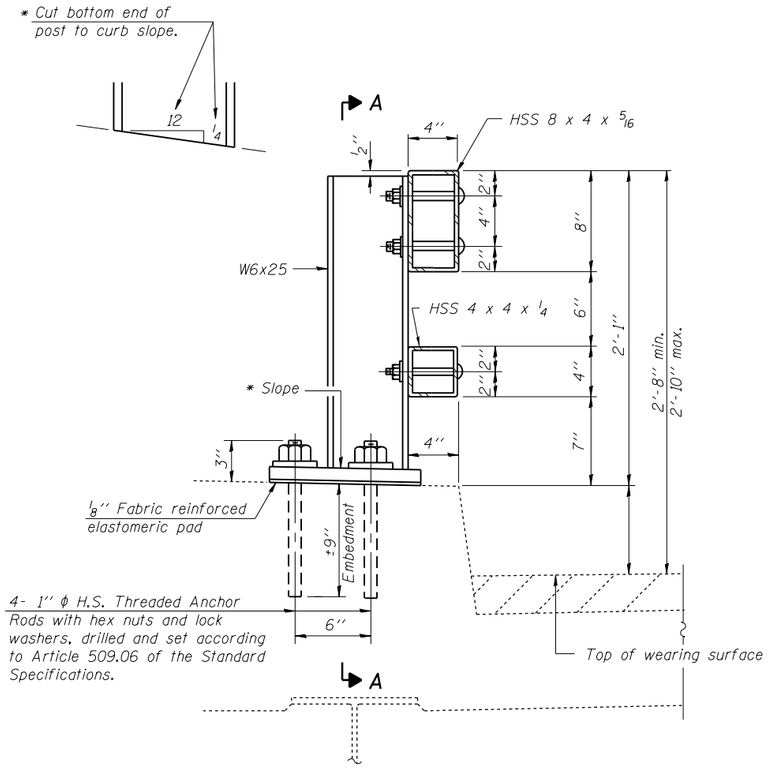
STEEL RAILING, TYPE 2399
STRUCTURE NO. 025-0054

SCALE: | SHEET 3 OF 4 SHEETS | STA. | TO STA.

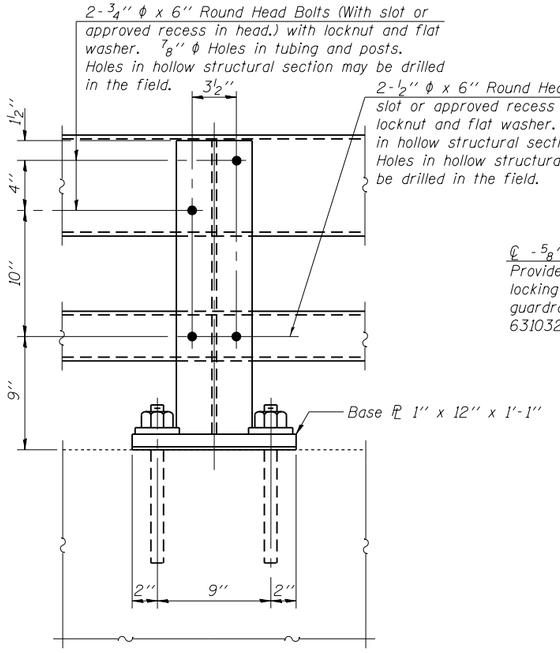
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
70	(26-5,26-5-1,25-1-1)R	•	92	65

CONTRACT NO. 74469

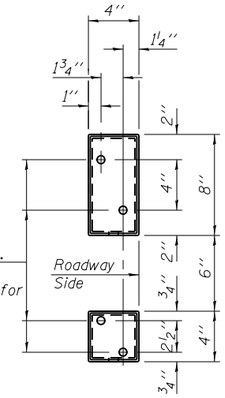
ILLINOIS FED. AID PROJECT



SECTION AT RAIL POST

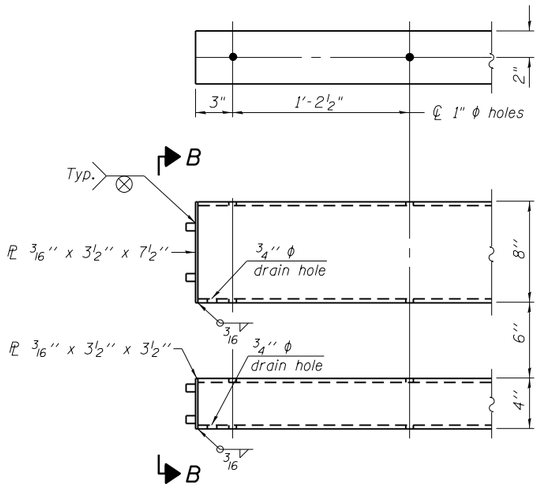


SECTION A-A

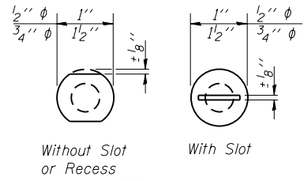


℄ - 5/8" reduced base welded studs. Provide 4 - 5/8" washers and self-locking nuts or nuts and jam nuts for guardrail connection shown on Std. 631032.

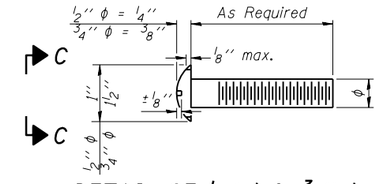
VIEW B-B



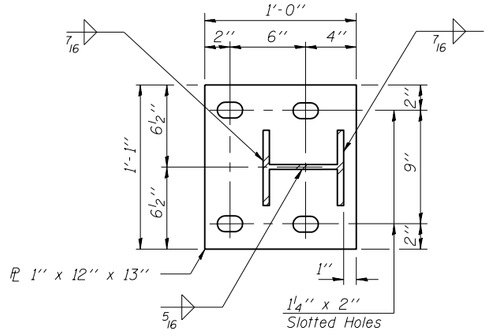
END OF RAIL DETAILS



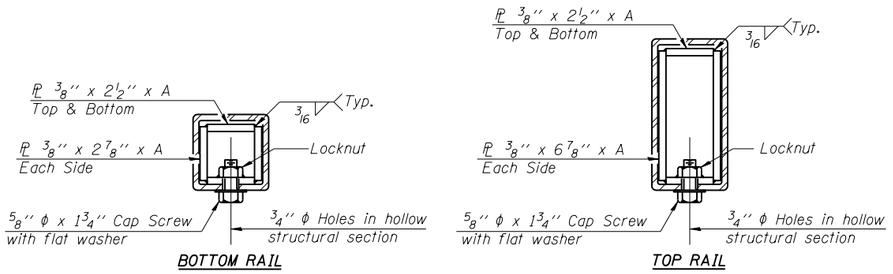
VIEW C-C



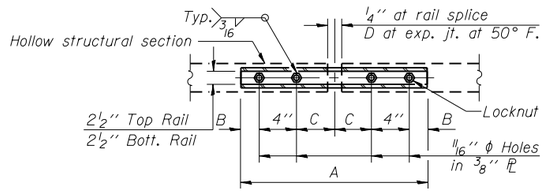
DETAIL OF 1/2" ϕ & 3/4" ϕ ROUND HEAD BOLTS



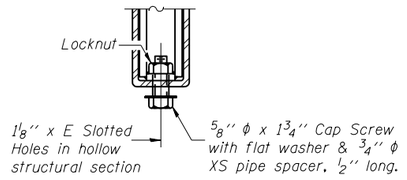
BASE PLATE DETAIL



SECTIONS AT RAIL SPLICE



PLAN-BOTT. SPLICE ℄ TYPICAL



RAIL SPLICE CONNECTION AT EXPANSION JT.

Notes:

All field drilled holes shall be coated with an approved zinc rich paint before erection.

Posts shall not be located closer than 1'-3" to an existing bridge expansion joint or end of bridge.

Steel Bridge Rail expansion joint shall be provided between any two (2) posts which span a bridge expansion joint. Bolts located at expansion joint shall be provided with locknuts and shall be tightened only to a point that will allow railing movement.

Provide one 1/8" and two 1/16" steel shims for 25% of the posts. Shims shall be similar to base plates in size and holes.

All steel rail elements shall be galvanized according to Article 509.05 of the Standard Specifications.

SPLICE DIMENSIONS

T	D	A	B	C	E
≤4"	2 1/2"	1'-8"	2"	4"	2 1/2"
>4" ≤6 1/2"	3 3/4"	2'-0"	2 1/2"	5 1/2"	3 1/2"
>6 1/2" ≤9"	5"	2'-4"	3 1/2"	6 1/2"	9"
>9" ≤13"	7"	2'-10"	4 1/2"	8 1/2"	11"
Rail Splice	1/4"	1'-8"	2"	4"	—

T = Total movement at expansion joint as shown on the design plans.

BILL OF MATERIAL

Item	Unit	Quantity
Steel Railing, Type 2399	Foot	458.0

(6'-3" Maximum Post Spacing)

•EFFINGHAM & FAYETTE

R-31 7-1-10

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

STEEL RAILING, TYPE 2399
STRUCTURE NO. 025-0055

SCALE: | SHEET 4 OF 4 SHEETS | STA. | TO STA.

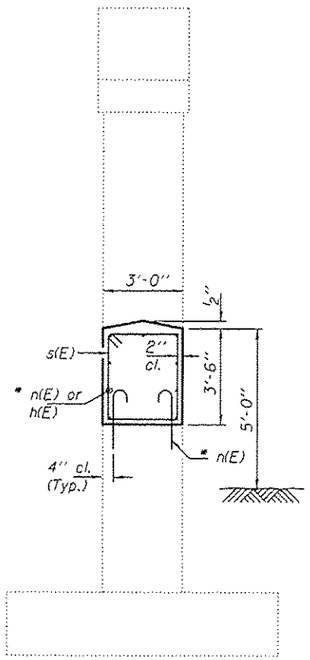
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
70	(26-5,26-5-1,25-1-1)R	•	92	66
		CONTRACT NO. 74469		
		ILLINOIS FED. AID PROJECT		

NOTES

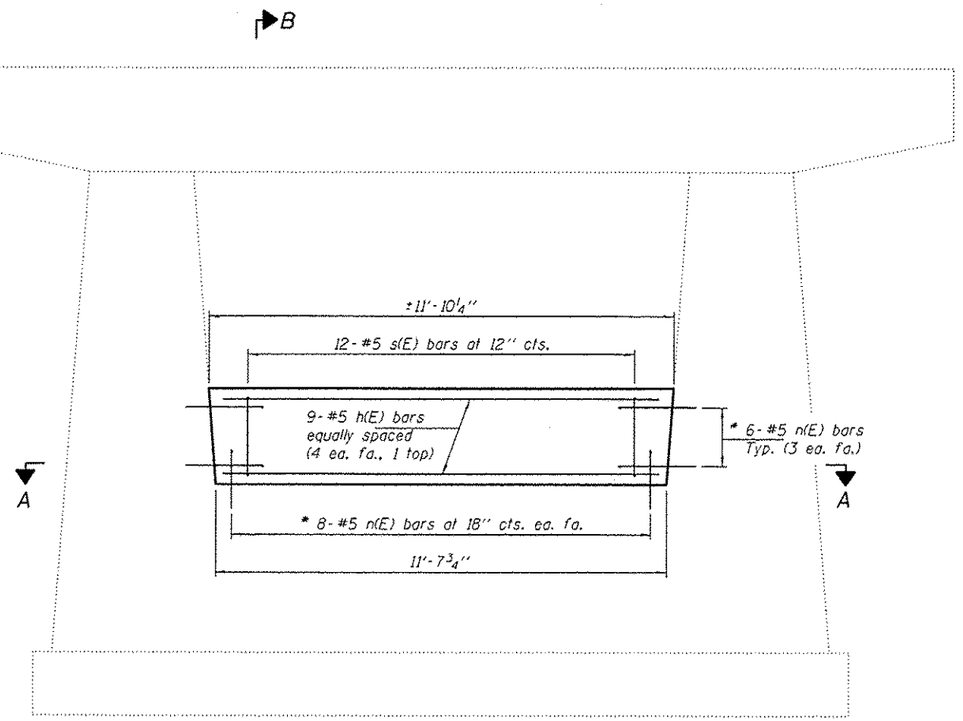
The cost of epoxy grouting threaded rods shall be included with Reinforcement Bars, Epoxy Coated.

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

Reinforcement bars designated (E) shall be epoxy coated.

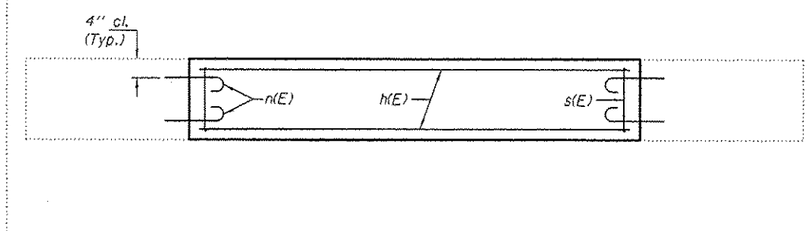


SECTION B-B

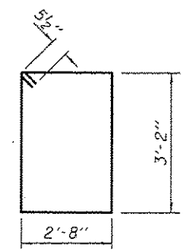


ELEVATION

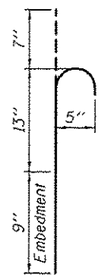
* Epoxy grout n(E) bars in 9" min. holes according to Article 584 of the Standard Specifications.



SECTION A-A



BAR s(E)



BAR n(E)

LICENSED STRUCTURAL ENGINEER
DAVID CARL PUZEY
081-005470
SPRINGFIELD ILLINOIS
STATE OF ILLINOIS

BILL OF MATERIAL (2 PIERS)

Bar	No.	Size	Length	Shape
h(E)	18	#5	11'-6"	
n(E)	56	#5	2'-5"	
s(E)	24	#5	12'-7"	
Concrete Structures			Cu. Yd.	9.2
Reinforcement Bars, Epoxy Coated			Pound	670

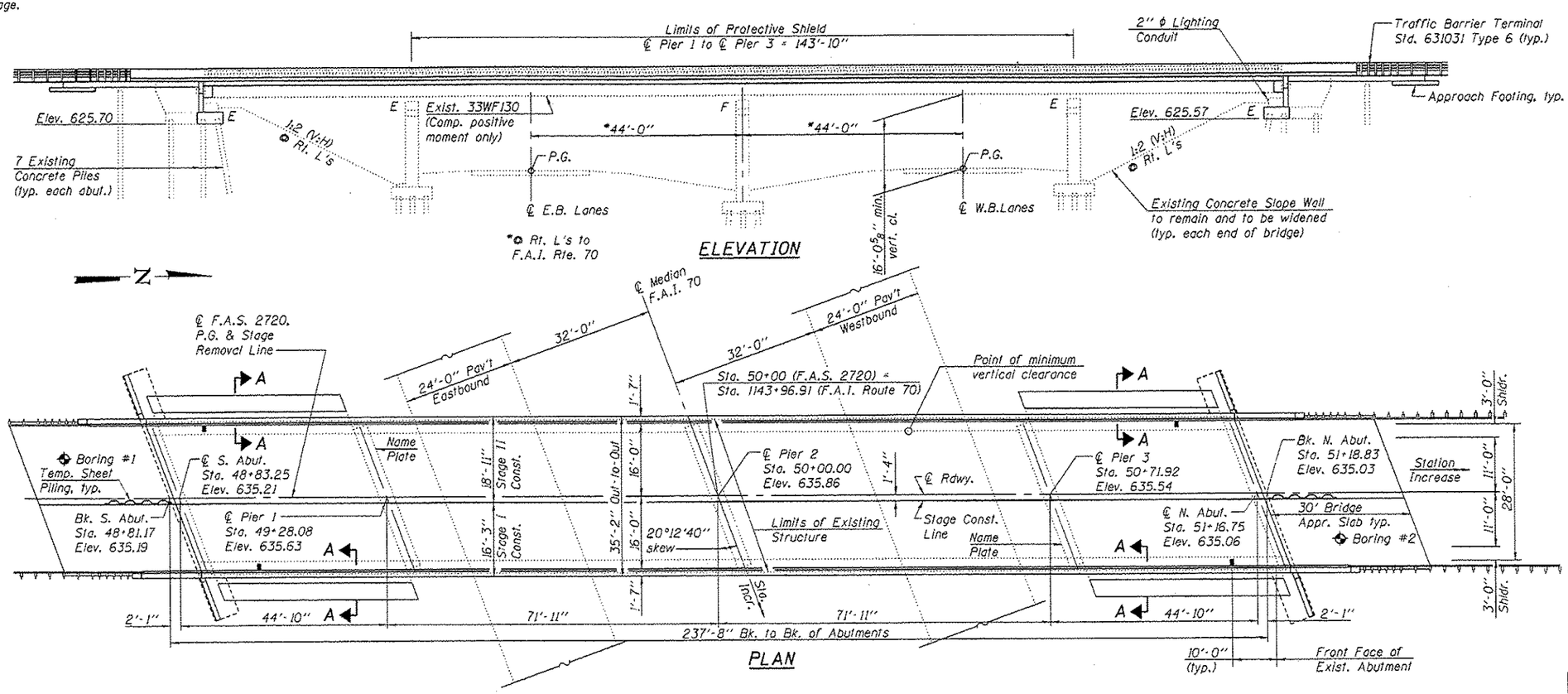
DESIGNED - VHV	EXAMINED	ACTING ENGINEER OF STRUCTURAL SERVICES	DATE - JUNE 23, 2014	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CRASHWALL EXTENSION PIERS 1 & 3 SN 026-0055
CHECKED - DAB	PASSED	ACTING ENGINEER OF BRIDGES AND STRUCTURES			SHEET NO. 1 OF 1 SHEETS
DRAWN - baliva					
CHECKED - VHV DAB					

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
70	(26-5,26-5-1, 25-1-1)R	FAYETTE	92	67
		CONTRACT NO. 74469		
	ILLINOIS FED. AID PROJECT			

Bench Mark: Chiseled "□" top center concrete base at Pier #1 south of I-70. Elev. 616.96
Chiseled "□" top of bridge curb southwest corner. Elev. 635.63

Existing Structure: S.N. 026-0055 was built in 1962 as S.A. Route 7, Section 26-5HB-2 at Station 50+00. The structure consists of a 4 span reinforced concrete deck on continuous steel WF beams supported on spill-thru reinforced concrete abutments with spread footings supported on piles and reinforced concrete hammer-head piers with spread footings supported on creosoted timber piles. The structure length is 237'-8" back-to-back of abutments, and the structure width is 33'-8" out-to-out of deck. The concrete deck is to be removed and replaced and the spill-thru abutments are to be rehabilitated as semi-integral abutments. Traffic to be maintained utilizing stage construction.

No Salvage.



Notes:
See sheet 2 of 24 for Section A-A.

APPROVED
For Structural Adequacy Only
D. Carl Peuney JFS
Engineer of Bridges & Structures

DESIGN SPECIFICATIONS (NEW CONSTR.)

2002 AASHTO

DESIGN STRESSES

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

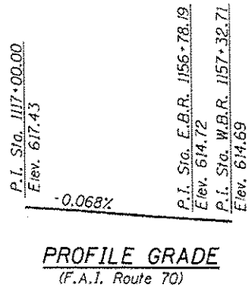
FIELD UNITS (EXIST. CONSTR.)
f'c = 3,500 psi
fy = 40,000 psi (Reinforcement)
fy = 36,000 psi (Structural Steel)

LOADING HS20-44 (NEW CONSTR.)

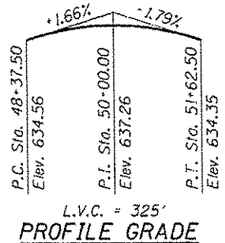
Allow 25#/sq. ft. for future wearing surface

SEISMIC DATA

Seismic Performance Category (SPC) = A
Bedrock Acceleration Coefficient (A) = 0.075g
Site Coefficient (S) = 1.2

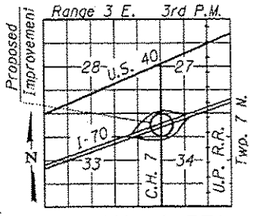


PROFILE GRADE
(F.A.I. Route 70)



PROFILE GRADE
(along ℄ F.A.S. Route 2720)

STATE OF ILLINOIS
WILLIAM J. VEGRZYN
4983
HANOVER PARK
IL
LICENSED STRUCTURAL ENGINEER
William J. Vegrzyn
Expires 11-30-14



LOCATION SKETCH

STATION 1143+96.91
REBUILT BY
STATE OF ILLINOIS
F.A.S. 2720 SEC. (26-5,26-5-1,25-1-1)R
LOADING HS 20
STRUCTURE NO. 026-0055

NAME PLATE

See Std. 515001
Locate one new Name Plate adjacent to each existing name plate on Pier 1 and pier 3. Existing name plates shall be cleaned with the cost of cleaning included with Name Plates.

GENERAL PLAN
F.A.S. ROUTE 2720 (CH 7) OVER I-70
F.A.I. Route 70
SECTION (26-5,26-5-1,25-1-1)R
FAYETTE COUNTY
STATION 50+00.00
S.N. 026-0055

V3 Companies of Illinois Ltd.
7325 Janes Avenue
Woodridge, IL 60517
630.724.9200 phone
630.724.9202 fax
www.v3co.com

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	CHECKED - CJB	REVISED -	
PLOT SCALE =	DRAWN - WJV	REVISED -	
PLOT DATE = 12-22-2011	CHECKED - CJB	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SHEET NO. 1 OF 24 SHEETS

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2720	(26-5,26-5-1,25-1-1)R	Fayette	92	68
		CONTRACT NO. 74469		
ILLINOIS	FED. AID PROJECT			

GENERAL NOTES

Fasteners shall be AASHTO M164 Type 1, mechanically galvanized bolts. Bolts $\frac{3}{4}$-in. ϕ, holes $\frac{7}{8}$-in. ϕ, unless otherwise noted.

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

The Contractor shall test the existing welds by non-destructive methods within 2 ft. of the end of the existing cover plates for cracks after removal of the existing concrete deck. Dye penetrant (PT), magnetic particle (MT), or other approved testing method shall be performed by qualified personnel approved by the Engineer. If cracks are found, report them to the Bureau of Bridges and Structures for disposition. The cost of testing is included in Removal of Existing Concrete Deck. The cost of crack repair, if necessary, will be paid for according to Article 109.04 of the Standard Specifications.

Reinforcement bars designated (E) shall be epoxy coated.

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

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

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

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

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

All new Structural Steel shall be shop painted with the inorganic zinc rich primer per AASHTO M300, Type 1.

Protective Shield may exist in some locations. The Contractor with the approval of the Engineer may re-use the existing protective shield. If protective shield is to be re-utilized, the Contractor shall evaluate the existing protective shield, and demonstrate through calculations sealed by an Illinois Licensed Structural Engineer that the existing system meets or exceeds the design requirements specified in Article 501.03 of the Standard Specifications. Supplementing and/or replacement of the existing shield may be required to satisfy the Standard Specifications. The Cost of maintaining and adjusting the protective shield shall be included in the cost of Protective Shield.

The existing protective shield shall be salvaged when no longer needed. The salvaged protective shield shall be delivered to IDOT District Seven Operations Maintenance Yard-Effingham, 1900 W. National Ave., Effingham, IL 62401. Call Chris Smith at (217) 342-8378. The cost of salvaging and delivering the existing protective shield shall be included in the cost of Protective Shield.

Cleaning and field painting of structural steel shall be done under a separate painting contract.

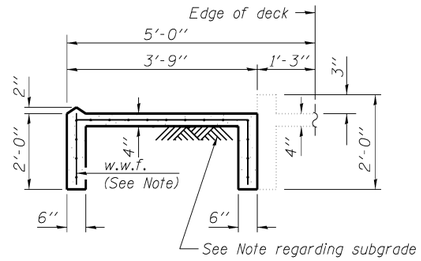
The existing structural steel coating contains lead. The Contractor shall take appropriate precautions to deal with the presence of lead on this project.

TOTAL BILL OF MATERIAL

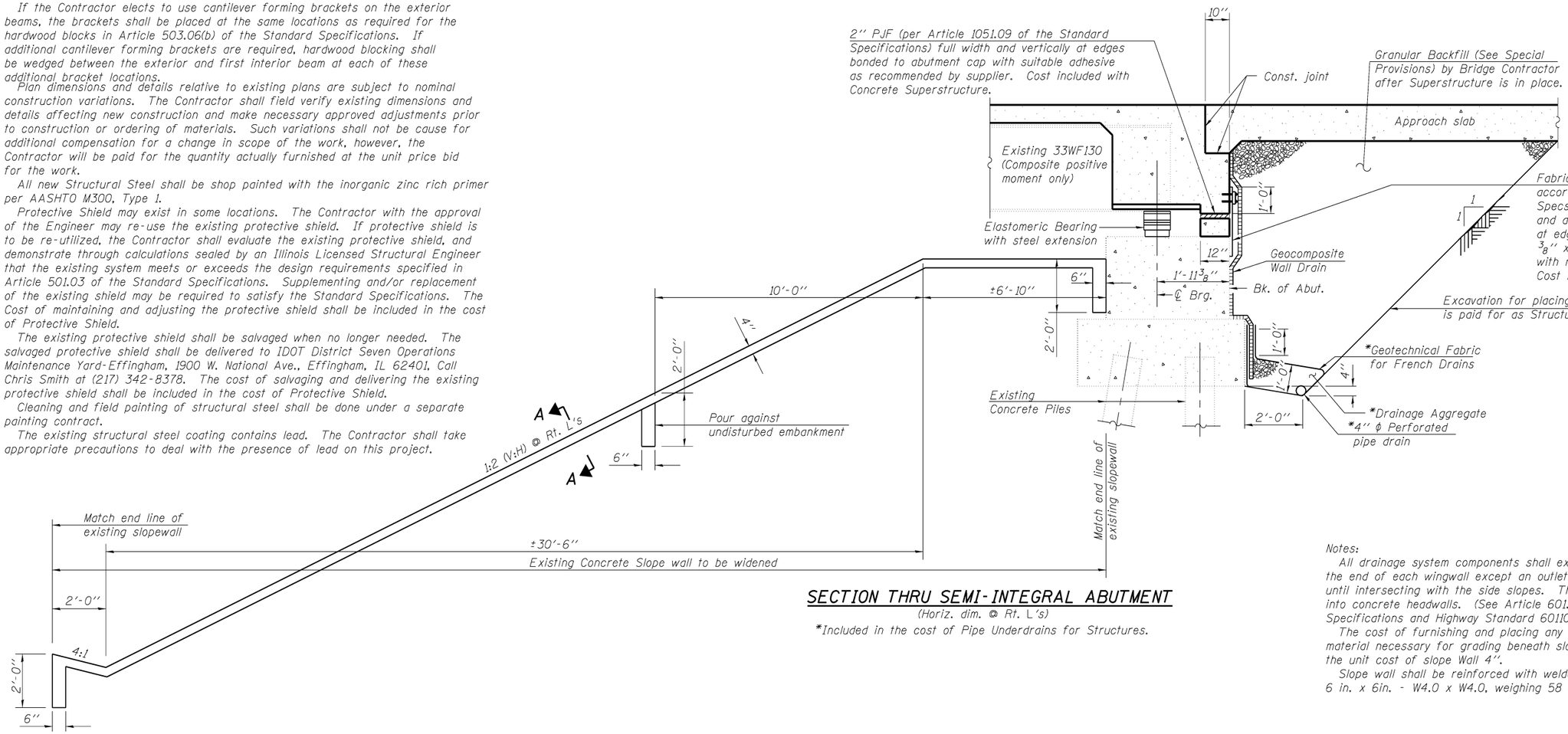
ITEM	UNIT	SUPER	SUB	TOTAL
Granular Backfill for Structures	Cu. Yd.		215	215
Concrete Removal	Cu. Yd.		39.6	39.6
Removal of Existing Concrete Deck	Each	1		1
Protective Shield	Sq. Yd.	538		538
Structure Excavation	Cu. Yd.		221	221
Drainage Scupper, DS-11	Each	4		4
Concrete Structures	Cu. Yd.		53.2	53.2
Concrete Superstructure	Cu. Yd.	419.2		419.2
Bridge Deck Grooving	Sq. Yd.	968		968
Protective Coat	Sq. Yd.	1282		1282
Furnishing and Erecting Structural Steel	Pound	2597		2597
Stud Shear Connectors	Each	3324		3324
Reinforcement Bars, Epoxy Coated	Pound	86,710	7,690	94,400
Bar Splicers	Each	912	4	916
Slope Wall 4 Inch	Sq. Yd.		72	72
Temporary Sheet Piling	Sq. Ft.		314	314
Name Plates	Each		2	2
Elastomeric Bearing Assembly, Type I	Each	12		12
Anchor Bolts, 1″	Each	24		24
Geocomposite Wall Drain	Sq. Yd.		98	98
Pipe Underdrains for Structures 4″	Foot		155	155
Structural Repair of Concrete (Depth equal to or less than 5″)	Sq. Ft.		9	9
Jack and Remove Existing Bearings	Each	12		12

INDEX OF DRAWINGS

1 General Plan
2 General Notes and Total Bill of Materials
3 Stage Construction
4 Temporary Concrete Barrier
5 Top of Slab Elevations - I
6 Top of Slab Elevations - II
7 Top of South Approach Slab Elevations
8 Top of North Approach Slab Elevations
9 Deck Plan and Section
10 Parapet Elevation and Details
11 Drainage Scupper, DS-11
12 Diaphragm Details
13 Bridge Approach Slab Details - I
14 Bridge Approach Slab Details - II
15 Framing Plan and Elevation
16 Structural Steel Details
17 Expansion Bearings at Abutments
18 Abutment Removal
19 Abutments
20 Abutment Details and Pier Repairs
21 Bar Splicer Assembly Details
22 Concrete Parapet Slipforming Option
23 Borings I
24 Borings II



SECTION A-A



SECTION THRU SEMI-INTEGRAL ABUTMENT

(Horiz. dim. @ Rt. L's)

*Included in the cost of Pipe Underdrains for Structures.

Notes:

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

The cost of furnishing and placing any additional subgrade material necessary for grading beneath slope wall is included in the unit cost of slope Wall 4″.

Slope wall shall be reinforced with welded wire fabric 6 in. x 6in. - W4.0 x W4.0, weighing 58 lbs. per 100 sq. ft.

V3 Companies of Illinois Ltd.
7325 Janes Avenue
Woodridge, IL 60517
630.724.9200 phone
630.724.9202 fax
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	CHECKED - CJB	REVISED -	
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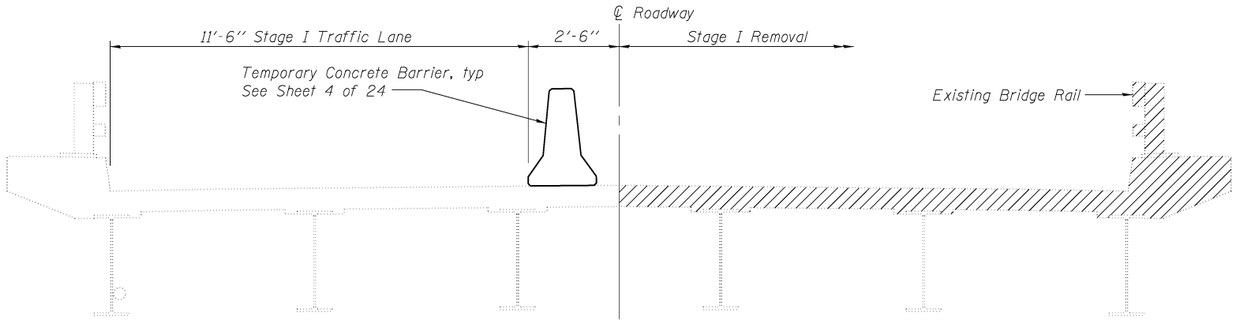
PLOT DATE = 12-22-2011	CHECKED - CJB	REVISED -	

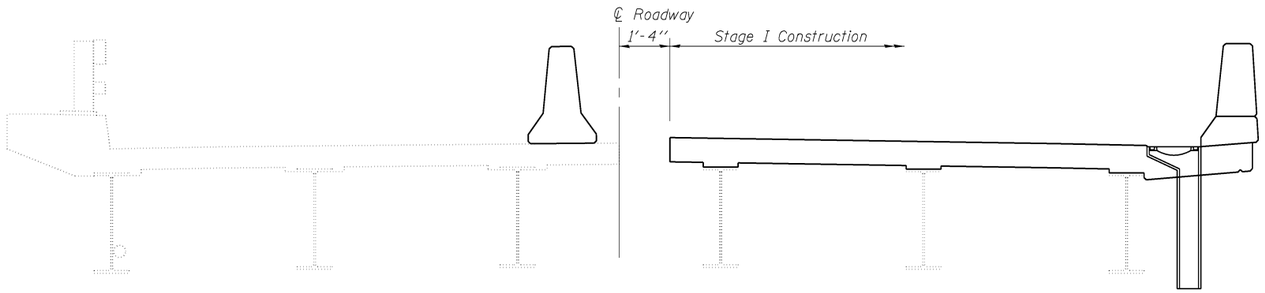
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

GENERAL NOTES AND TOTAL BILL OF MATERIALS
STRUCTURE NO. 026-0055
SHEET NO. 2 OF 24 SHEETS

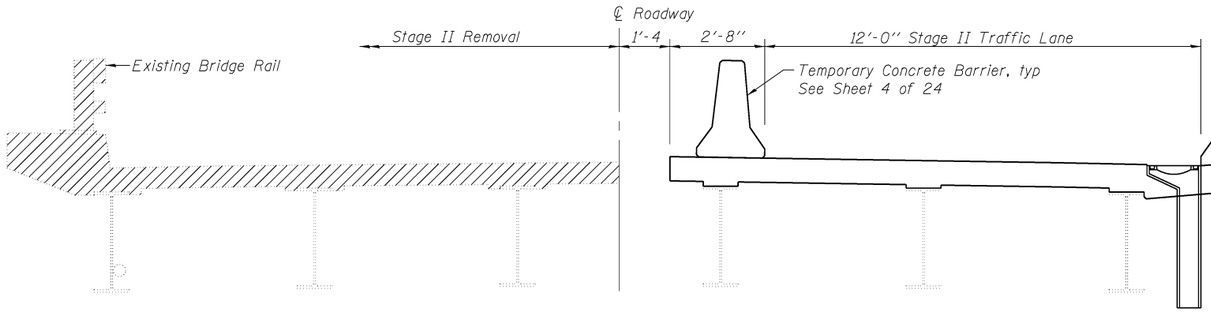
F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2720	(26-5,26-5-1,26-1-1)R	Fayette	92	69
		CONTRACT NO. 74469		
	ILLINOIS FED. AID PROJECT			



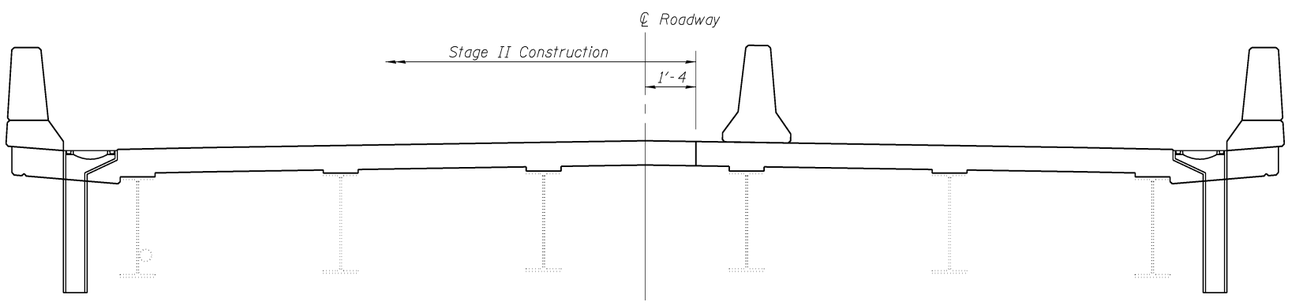
STAGE I REMOVAL



STAGE I CONSTRUCTION

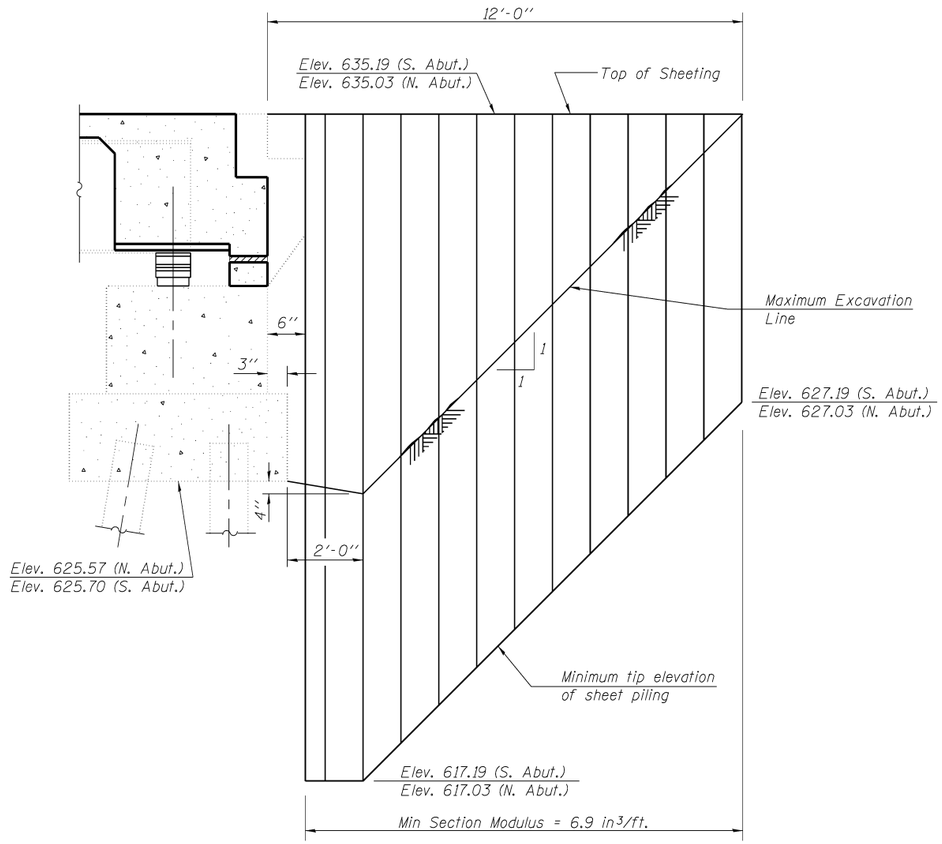


STAGE II REMOVAL



STAGE II CONSTRUCTION

Notes:
All cross sections are looking North.
Hatched area indicates Removal of Existing Concrete Deck.
For quantity of Temporary Concrete Barrier, see Roadway Plans.
Removal of Existing Bridge Rail is included with Removal of Existing Concrete Deck.



TEMPORARY SHEET PILING

If the Contractor chooses to alter the temporary cantilevered sheet piling design requirements shown on the plans, a design submittal including plan details and calculations will be required for review and acceptance by the Engineer.

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Woodridge, IL 60517
630.724.9200 phone
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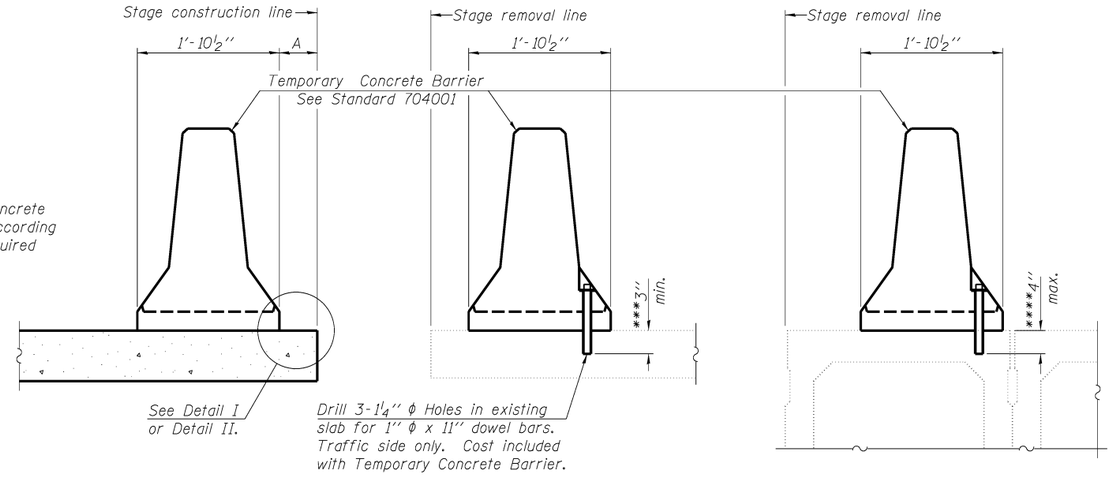
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

STAGE CONSTRUCTION
STRUCTURE NO. 026-0055
SHEET NO. 3 OF 24 SHEETS

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2720	(26-5,26-5-1,26-1-1)R	Fayette	92	70
		CONTRACT NO. 74469		
	ILLINOIS FED. AID PROJECT			

When "A" is 3'-6" or less, the temporary concrete barrier shall be anchored to the new slab according to Detail I or Detail II. No anchorage is required when "A" is greater than 3'-6".



NEW SLAB | EXISTING SLAB | EXISTING DECK BEAM

NOTES

Detail I - With Bar Splicer or Couplers:
Connect one (1) 1" x 7' 'x "W" steel PL to the top layer of couplers with 2-⅝" ϕ bolts screwed to coupler at approximate ℄ of each barrier panel.

Detail II - With Extended Reinforcement Bars:
Connect one (1) 1" x 7" x "W" steel PL to the concrete slab or concrete wearing surface with 2-⅝" ϕ Expansion Anchors or cast in place inserts spaced between the top layer of reinforcement at approximate ℄ of each barrier panel.

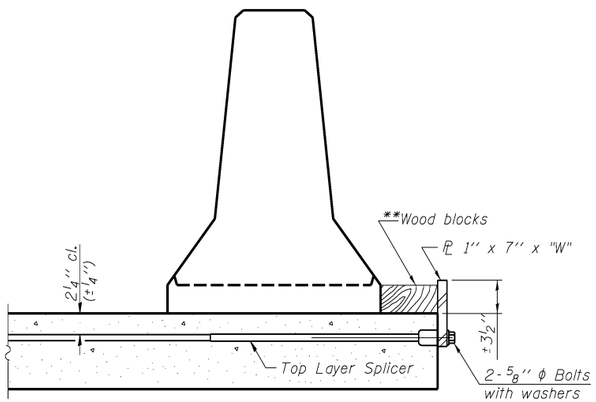
Cost of anchorage is included with Temporary Concrete Barrier.

The 1" x 7" x "W" plate shall not be removed until stage II construction forms and all reinforcement bars are in place and the concrete is ready to be placed.

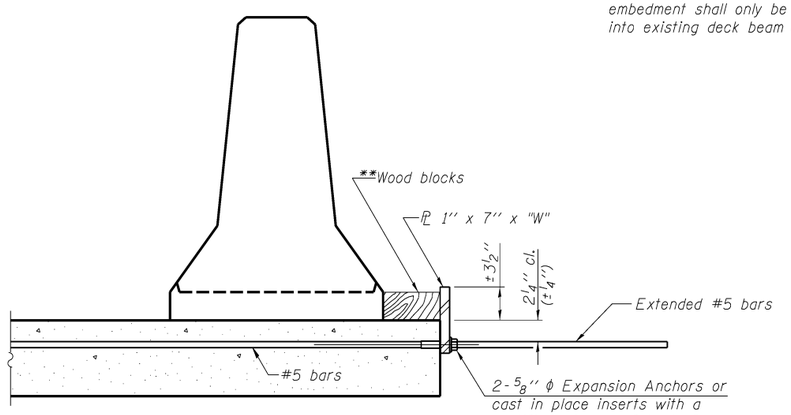
SECTIONS THRU SLAB OR DECK BEAM

*** Dimension shown is minimum required embedment into concrete. If hot-mix asphalt wearing surface is present, minimum embedment shall be in addition to wearing surface depth.

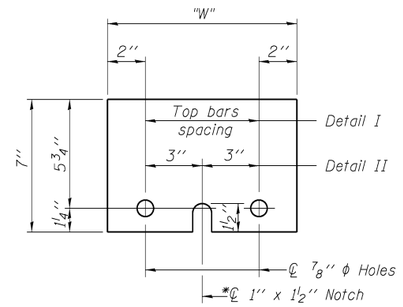
**** If existing deck beam is to remain in place after stage construction, embedment shall only be into wearing surface and not into existing deck beam concrete.



DETAIL I



DETAIL II



STEEL RETAINER PL 1" x 7" x "W"

* Required only with Detail II

** Wood blocks may be omitted when required to provide minimum stage traffic lane width. When the wood blocks are omitted, the concrete barrier shall be in direct contact with the steel retainer plate.

"W" = Top bars spacing + 4"

R-27 7-1-10

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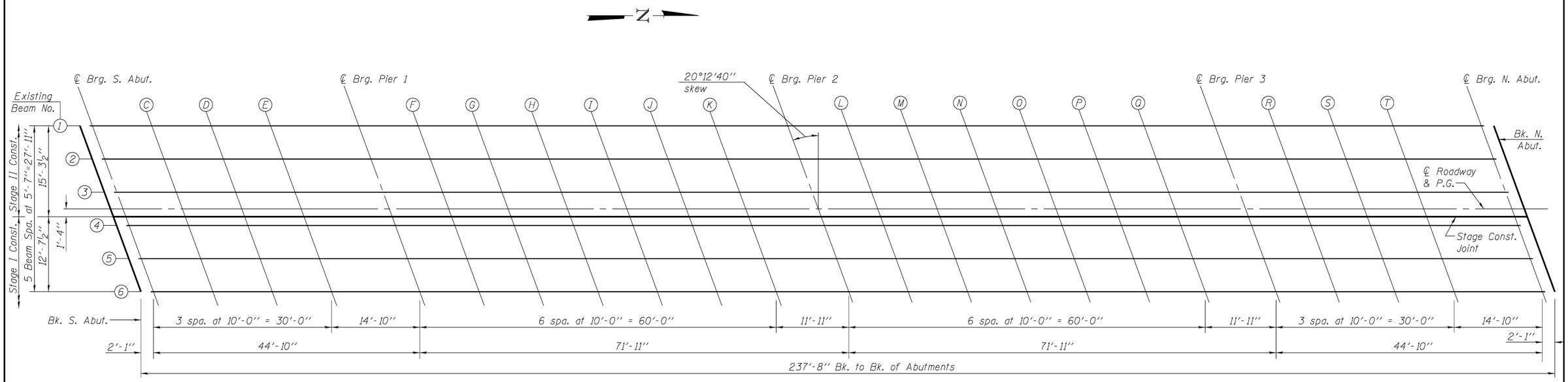
PLOT DATE = 12-22-2011	CHECKED - CJB	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

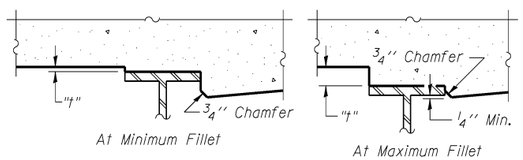
TEMPORARY CONCRETE BARRIER FOR STAGE CONSTRUCTION
STRUCTURE NO. 026-0055
SHEET NO. 4 OF 24 SHEETS

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2720	(26-5,26-5-1,26-1-1)DR	Fayette	92	71
		CONTRACT NO. 74469		
	ILLINOIS FED. AID PROJECT			

04 Temporary Concrete Barrier.dgn 6/3/2014 1:10:14 PM

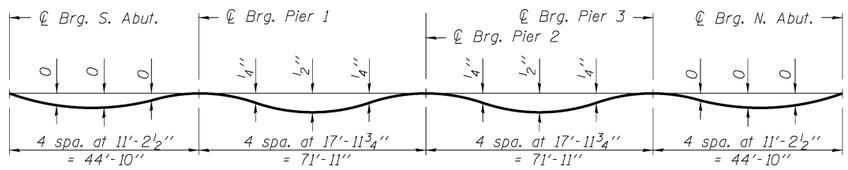


PLAN



To determine "t": After all existing concrete has been removed, elevations of the top flanges of the beams shall be taken at intervals shown on this sheet and sheet 6 of 24. These elevations subtracted from the "Theoretical Grade Elevations Adjusted for Dead Load Deflection" shown on this sheet and sheet 6 of 24, minus slab thickness, equals the fillet heights "t" above top flange of beams.

FILLET HEIGHTS



DEAD LOAD DEFLECTION DIAGRAM

(Includes weight of concrete only.)

Note:
The above deflections are not to be used in the field if the engineer is working from the grade elevations adjusted for dead load deflections as shown on this sheet and on sheet 6 of 24.

BEAM 1

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. of S. Abut.	48+76.03	-13.96	634.90	634.90
℄ Brg. S. Abut.	48+78.12	-13.96	634.92	634.92
C	48+88.12	-13.96	635.04	635.04
D	48+98.12	-13.96	635.15	635.15
E	49+08.12	-13.96	635.24	635.24
℄ Brg. Pier 1	49+22.94	-13.96	635.37	635.37
F	49+32.94	-13.96	635.44	635.45
G	49+42.94	-13.96	635.49	635.52
H	49+52.94	-13.96	635.54	635.58
I	49+62.94	-13.96	635.58	635.62
J	49+72.94	-13.96	635.61	635.64
K	49+82.94	-13.96	635.63	635.64
℄ Brg. Pier 2	49+94.86	-13.96	635.63	635.63
L	50+04.86	-13.96	635.63	635.63
M	50+14.86	-13.96	635.61	635.63
N	50+24.86	-13.96	635.58	635.62
O	50+34.86	-13.96	635.54	635.58
P	50+44.86	-13.96	635.49	635.52
Q	50+54.86	-13.96	635.43	635.45
℄ Brg. Pier 3	50+66.78	-13.96	635.35	635.35
R	50+76.78	-13.96	635.27	635.27
S	50+86.78	-13.96	635.17	635.18
T	50+96.78	-13.96	635.07	635.08
℄ Brg. N. Abut.	51+11.61	-13.96	634.90	634.90
Bk. of N. Abut.	51+13.69	-13.96	634.87	634.87

BEAM 2

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. of S. Abut.	48+78.09	-8.37	635.02	635.02
℄ Brg. S. Abut.	48+80.17	-8.37	635.04	635.04
C	48+90.17	-8.37	635.16	635.16
D	49+00.17	-8.37	635.26	635.27
E	49+10.17	-8.37	635.36	635.36
℄ Brg. Pier 1	49+25.00	-8.37	635.48	635.48
F	49+35.00	-8.37	635.55	635.56
G	49+45.00	-8.37	635.60	635.63
H	49+55.00	-8.37	635.65	635.69
I	49+65.00	-8.37	635.69	635.72
J	49+75.00	-8.37	635.71	635.74
K	49+85.00	-8.37	635.73	635.74
℄ Brg. Pier 2	49+96.92	-8.37	635.73	635.73
L	50+06.92	-8.37	635.72	635.73
M	50+16.92	-8.37	635.70	635.72
N	50+26.92	-8.37	635.67	635.71
O	50+36.92	-8.37	635.63	635.67
P	50+46.92	-8.37	635.58	635.61
Q	50+56.92	-8.37	635.52	635.53
℄ Brg. Pier 3	50+68.84	-8.37	635.43	635.43
R	50+78.84	-8.37	635.35	635.35
S	50+88.84	-8.37	635.25	635.25
T	50+98.84	-8.37	635.15	635.15
℄ Brg. N. Abut.	51+13.66	-8.37	634.97	634.97
Bk. of N. Abut.	51+15.75	-8.37	634.94	634.94

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PLOT DATE = 12-22-2011	CHECKED - CJB	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TOP OF SLAB ELEVATIONS – I
STRUCTURE NO. 026–0055
SHEET NO. 5 OF 24 SHEETS

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2720	(26-5,26-5-1,26-1-1)R	Fayette	92	72
		CONTRACT NO. 74469		
		ILLINOIS FED. AID PROJECT		

05 Top of Slab Elevations-I.dgn 6/3/2014 1:11:39 PM

BEAM 3

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. of S. Abut.	48+80.14	-2.79	635.13	635.13
℄ Brg. S. Abut.	48+82.23	-2.79	635.16	635.16
C	48+92.23	-2.79	635.27	635.27
D	49+02.23	-2.79	635.37	635.38
E	49+12.23	-2.79	635.46	635.46
℄ Brg. Pier 1	49+27.05	-2.79	635.58	635.58
F	49+37.05	-2.79	635.65	635.66
G	49+47.05	-2.79	635.70	635.73
H	49+57.05	-2.79	635.74	635.78
I	49+67.05	-2.79	635.78	635.82
J	49+77.05	-2.79	635.80	635.83
K	49+87.05	-2.79	635.81	635.83
℄ Brg. Pier 2	49+98.97	-2.79	635.82	635.82
L	50+08.97	-2.79	635.80	635.81
M	50+18.97	-2.79	635.78	635.81
N	50+28.97	-2.79	635.75	635.79
O	50+38.97	-2.79	635.71	635.75
P	50+48.97	-2.79	635.66	635.69
Q	50+58.97	-2.79	635.59	635.61
℄ Brg. Pier 3	50+70.89	-2.79	635.50	635.50
R	50+80.89	-2.79	635.42	635.42
S	50+90.89	-2.79	635.32	635.32
T	51+00.89	-2.79	635.21	635.21
℄ Brg. N. Abut.	51+15.72	-2.79	635.03	635.03
Bk. of N. Abut.	51+17.80	-2.79	635.00	635.00

℄ ROADWAY & P.G.

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. of S. Abut.	48+81.17	0.00	635.19	635.19
℄ Brg. S. Abut.	48+83.25	0.00	635.21	635.21
C	48+93.25	0.00	635.32	635.33
D	49+03.25	0.00	635.42	635.43
E	49+13.25	0.00	635.52	635.52
℄ Brg. Pier 1	49+28.08	0.00	635.63	635.63
F	49+38.08	0.00	635.70	635.71
G	49+48.08	0.00	635.75	635.78
H	49+58.08	0.00	635.79	635.83
I	49+68.08	0.00	635.83	635.86
J	49+78.08	0.00	635.85	635.87
K	49+88.08	0.00	635.86	635.87
℄ Brg. Pier 2	50+00.00	0.00	635.86	635.86
L	50+10.00	0.00	635.85	635.85
M	50+20.00	0.00	635.82	635.85
N	50+30.00	0.00	635.79	635.83
O	50+40.00	0.00	635.75	635.79
P	50+50.00	0.00	635.69	635.72
Q	50+60.00	0.00	635.63	635.64
℄ Brg. Pier 3	50+71.92	0.00	635.54	635.54
R	50+81.92	0.00	635.45	635.45
S	50+91.92	0.00	635.35	635.35
T	51+01.92	0.00	635.24	635.25
℄ Brg. N. Abut.	51+16.75	0.00	635.06	635.06
Bk. of N. Abut.	51+18.83	0.00	635.03	635.03

STAGE CONSTRUCTION JOINT

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. of S. Abut.	48+81.66	1.33	635.17	635.17
℄ Brg. S. Abut.	48+83.74	1.33	635.20	635.20
C	48+93.74	1.33	635.31	635.31
D	49+03.74	1.33	635.41	635.41
E	49+13.74	1.33	635.50	635.50
℄ Brg. Pier 1	49+28.57	1.33	635.61	635.61
F	49+38.57	1.33	635.68	635.69
G	49+48.57	1.33	635.73	635.76
H	49+58.57	1.33	635.77	635.81
I	49+68.57	1.33	635.81	635.84
J	49+78.57	1.33	635.83	635.85
K	49+88.57	1.33	635.84	635.85
℄ Brg. Pier 2	50+00.49	1.33	635.84	635.84
L	50+10.49	1.33	635.83	635.83
M	50+20.49	1.33	635.80	635.83
N	50+30.49	1.33	635.77	635.80
O	50+40.49	1.33	635.72	635.76
P	50+50.49	1.33	635.67	635.70
Q	50+60.49	1.33	635.60	635.62
℄ Brg. Pier 3	50+72.41	1.33	635.51	635.51
R	50+82.41	1.33	635.42	635.42
S	50+92.41	1.33	635.32	635.33
T	51+02.41	1.33	635.21	635.22
℄ Brg. N. Abut.	51+17.24	1.33	635.03	635.03
Bk. of N. Abut.	51+19.32	1.33	635.00	635.00

BEAM 4

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. of S. Abut.	48+82.20	2.79	635.15	635.15
℄ Brg. S. Abut.	48+84.28	2.79	635.18	635.18
C	48+94.28	2.79	635.29	635.30
D	49+04.28	2.79	635.39	635.40
E	49+14.28	2.79	635.48	635.48
℄ Brg. Pier 1	49+29.11	2.79	635.59	635.59
F	49+39.11	2.79	635.66	635.67
G	49+49.11	2.79	635.71	635.74
H	49+59.11	2.79	635.75	635.79
I	49+69.11	2.79	635.78	635.82
J	49+79.11	2.79	635.81	635.83
K	49+89.11	2.79	635.82	635.83
℄ Brg. Pier 2	50+01.03	2.79	635.81	635.81
L	50+11.03	2.79	635.80	635.81
M	50+21.03	2.79	635.78	635.80
N	50+31.03	2.79	635.74	635.78
O	50+41.03	2.79	635.70	635.74
P	50+51.03	2.79	635.64	635.67
Q	50+61.03	2.79	635.58	635.59
℄ Brg. Pier 3	50+72.95	2.79	635.49	635.49
R	50+82.95	2.79	635.40	635.40
S	50+92.95	2.79	635.30	635.30
T	51+02.95	2.79	635.19	635.19
℄ Brg. N. Abut.	51+17.77	2.79	635.00	635.00
Bk. of N. Abut.	51+19.86	2.79	634.97	634.97

BEAM 5

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. of S. Abut.	48+84.25	8.37	635.09	635.09
℄ Brg. S. Abut.	48+86.34	8.37	635.12	635.12
C	48+96.34	8.37	635.22	635.23
D	49+06.34	8.37	635.32	635.33
E	49+16.34	8.37	635.41	635.41
℄ Brg. Pier 1	49+31.16	8.37	635.52	635.52
F	49+41.16	8.37	635.58	635.59
G	49+51.16	8.37	635.63	635.66
H	49+61.16	8.37	635.67	635.71
I	49+71.16	8.37	635.70	635.74
J	49+81.16	8.37	635.72	635.75
K	49+91.16	8.37	635.73	635.74
℄ Brg. Pier 2	50+03.08	8.37	635.73	635.73
L	50+13.08	8.37	635.71	635.72
M	50+23.08	8.37	635.68	635.71
N	50+33.08	8.37	635.65	635.68
O	50+43.08	8.37	635.60	635.64
P	50+53.08	8.37	635.54	635.57
Q	50+63.08	8.37	635.48	635.49
℄ Brg. Pier 3	50+75.00	8.37	635.38	635.38
R	50+85.00	8.37	635.29	635.29
S	50+95.00	8.37	635.19	635.19
T	51+05.00	8.37	635.07	635.08
℄ Brg. N. Abut.	51+19.83	8.37	634.89	634.89
Bk. of N. Abut.	51+21.91	8.37	634.86	634.86

BEAM 6

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. of S. Abut.	48+86.31	13.96	635.02	635.02
℄ Brg. S. Abut.	48+88.39	13.96	635.04	635.04
C	48+98.39	13.96	635.15	635.15
D	49+08.39	13.96	635.24	635.25
E	49+18.39	13.96	635.33	635.33
℄ Brg. Pier 1	49+33.22	13.96	635.44	635.44
F	49+43.22	13.96	635.50	635.51
G	49+53.22	13.96	635.54	635.57
H	49+63.22	13.96	635.58	635.62
I	49+73.22	13.96	635.61	635.65
J	49+83.22	13.96	635.63	635.65
K	49+93.22	13.96	635.63	635.64
℄ Brg. Pier 2	50+05.14	13.96	635.63	635.63
L	50+15.14	13.96	635.61	635.62
M	50+25.14	13.96	635.58	635.60
N	50+35.14	13.96	635.54	635.58
O	50+45.14	13.96	635.49	635.53
P	50+55.14	13.96	635.43	635.46
Q	50+65.14	13.96	635.36	635.38
℄ Brg. Pier 3	50+77.06	13.96	635.27	635.27
R	50+87.06	13.96	635.17	635.17
S	50+97.06	13.96	635.07	635.07
T	51+07.06	13.96	634.95	634.96
℄ Brg. N. Abut.	51+21.88	13.96	634.76	634.76
Bk. of N. Abut.	51+23.97	13.96	634.73	634.73

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TOP OF SLAB ELEVATIONS – II
STRUCTURE NO. 026-0055
SHEET NO. 6 OF 24 SHEETS

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2720	(26-5,26-5-1,26-1-1)R	Fayette	92	73
		CONTRACT NO. 74469		
	ILLINOIS FED. AID PROJECT			

WEST EDGE OF SHOULDER

Location	Station	Offset	Theoretical Grade Elevations
S. End of S. Appr. Pav't.	48+46.17	-16.00	634.43
A	48+56.17	-16.00	634.58
B	48+66.17	-16.00	634.72
N. End of S. Appr. Pav't.	48+76.17	-16.00	634.85

WEST EDGE OF PAVEMENT

Location	Station	Offset	Theoretical Grade Elevations
S. End of S. Appr. Pav't.	48+47.64	-12.00	634.54
A	48+57.64	-12.00	634.69
B	48+67.64	-12.00	634.83
N. End of S. Appr. Pav't.	48+77.64	-12.00	634.96

℄ ROADWAY & PROFILE GRADE

Location	Station	Offset	Theoretical Grade Elevations
S. End of S. Appr. Pav't.	48+52.06	0.00	634.79
A	48+62.06	0.00	634.94
B	48+72.06	0.00	635.07
N. End of S. Appr. Pav't.	48+82.06	0.00	635.20

STAGE CONSTRUCTION JOINT

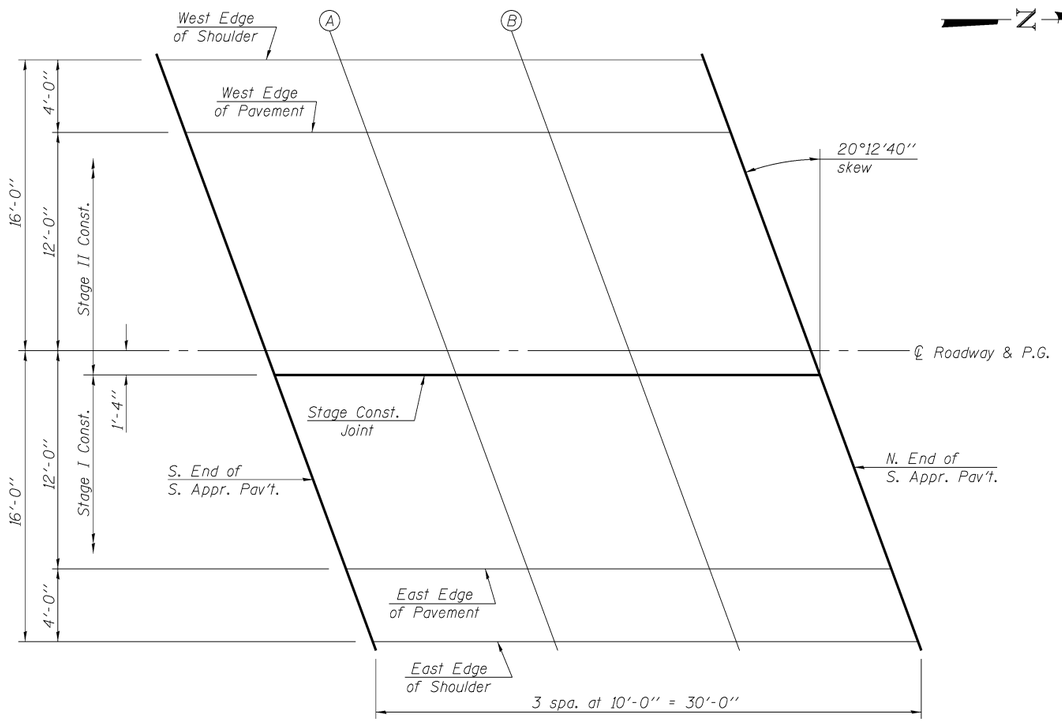
Location	Station	Offset	Theoretical Grade Elevations
S. End of S. Appr. Pav't.	48+52.55	1.33	634.78
A	48+62.55	1.33	634.92
B	48+72.55	1.33	635.06
N. End of S. Appr. Pav't.	48+82.55	1.33	635.18

EAST EDGE OF PAVEMENT

Location	Station	Offset	Theoretical Grade Elevations
S. End of S. Appr. Pav't.	48+56.47	12.00	634.67
A	48+66.47	12.00	634.81
B	48+76.47	12.00	634.94
N. End of S. Appr. Pav't.	48+86.47	12.00	635.06

EAST EDGE OF SHOULDER

Location	Station	Offset	Theoretical Grade Elevations
S. End of S. Appr. Pav't.	48+57.95	16.00	634.61
A	48+67.95	16.00	634.75
B	48+77.95	16.00	634.88
N. End of S. Appr. Pav't.	48+87.95	16.00	634.99



PLAN

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TOP OF S. APPROACH SLAB ELEVATIONS
STRUCTURE NO. 026-0055
SHEET NO. 7 OF 24 SHEETS

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2720	(26-5,26-5-1,25-1-1)R	FAYETTE	92	74
		CONTRACT NO. 74469		
	ILLINOIS FED. AID PROJECT			

WEST EDGE OF SHOULDER

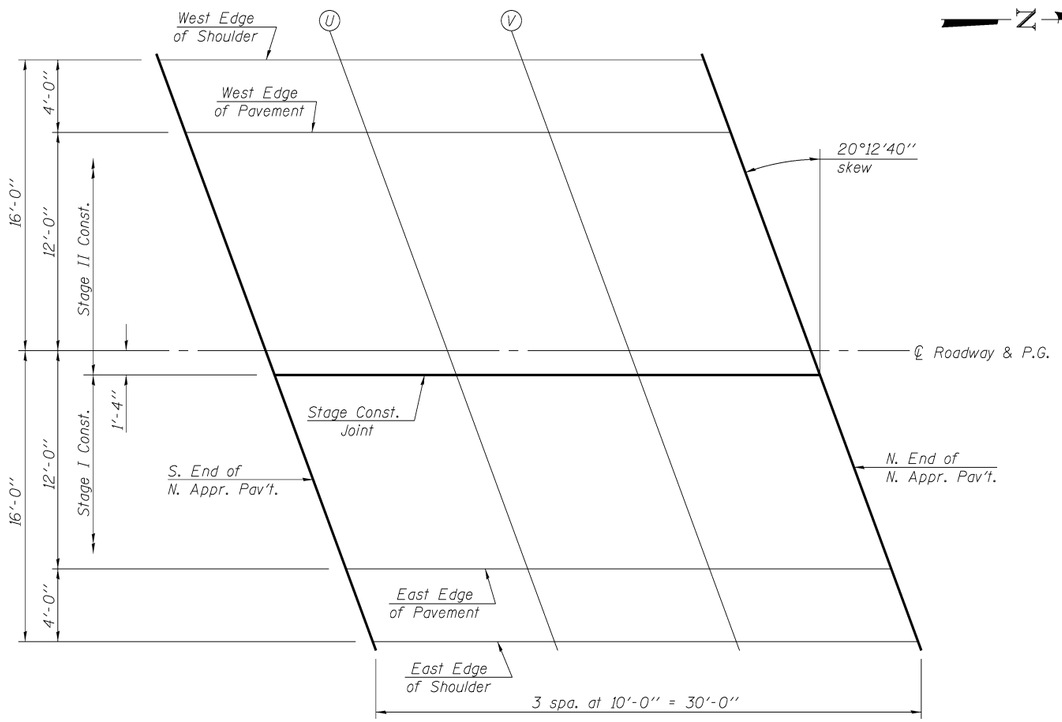
Location	Station	Offset	Theoretical Grade Elevations
S. End of N. Appr. Pav't.	51+12.05	-16.00	634.85
U	51+22.05	-16.00	634.72
V	51+32.05	-16.00	634.58
N. End of N. Appr. Pav't.	51+42.05	-16.00	634.42

WEST EDGE OF PAVEMENT

Location	Station	Offset	Theoretical Grade Elevations
S. End of N. Appr. Pav't.	51+13.53	-12.00	634.91
U	51+23.53	-12.00	634.78
V	51+33.53	-12.00	634.64
N. End of N. Appr. Pav't.	51+43.53	-12.00	634.48

℄ ROADWAY & PROFILE GRADE

Location	Station	Offset	Theoretical Grade Elevations
S. End of N. Appr. Pav't.	51+17.94	0.00	635.04
U	51+27.94	0.00	634.91
V	51+37.94	0.00	634.76
N. End of N. Appr. Pav't.	51+47.94	0.00	634.60



PLAN

STAGE CONSTRUCTION JOINT

Location	Station	Offset	Theoretical Grade Elevations
S. End of N. Appr. Pav't.	51+18.44	1.33	635.02
U	51+28.44	1.33	634.88
V	51+38.44	1.33	634.73
N. End of N. Appr. Pav't.	51+48.44	1.33	634.57

EAST EDGE OF PAVEMENT

Location	Station	Offset	Theoretical Grade Elevations
S. End of N. Appr. Pav't.	51+22.36	12.00	634.80
U	51+32.36	12.00	634.66
V	51+42.36	12.00	634.50
N. End of N. Appr. Pav't.	51+52.36	12.00	634.34

EAST EDGE OF SHOULDER

Location	Station	Offset	Theoretical Grade Elevations
S. End of N. Appr. Pav't.	51+23.83	16.00	634.69
U	51+33.83	16.00	634.55
V	51+43.83	16.00	634.40
N. End of N. Appr. Pav't.	51+53.83	16.00	634.23

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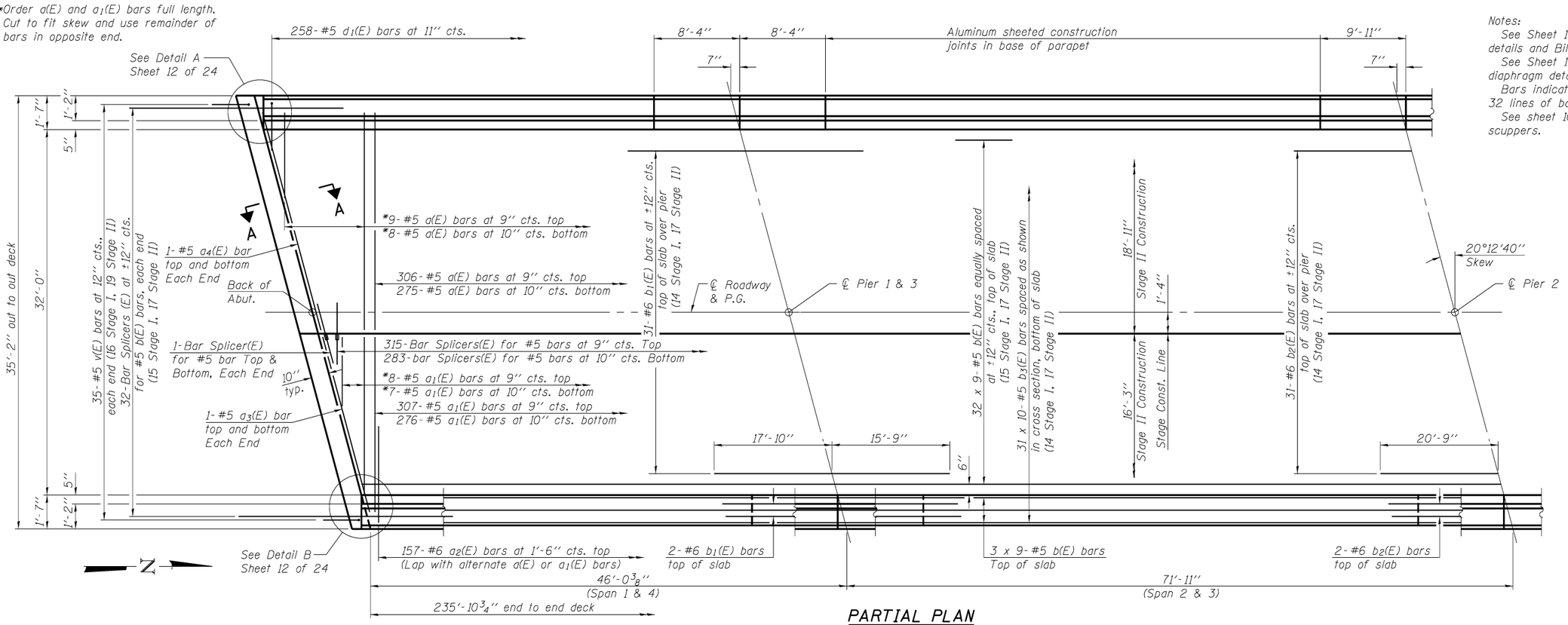
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TOP OF N. APPROACH SLAB ELEVATIONS
STRUCTURE NO. 026-0055
SHEET NO. 8 OF 24 SHEETS

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2720	(26-5,26-5-1,25-1-1)R	FAYETTE	92	75
		CONTRACT NO. 74469		
	ILLINOIS FED. AID PROJECT			

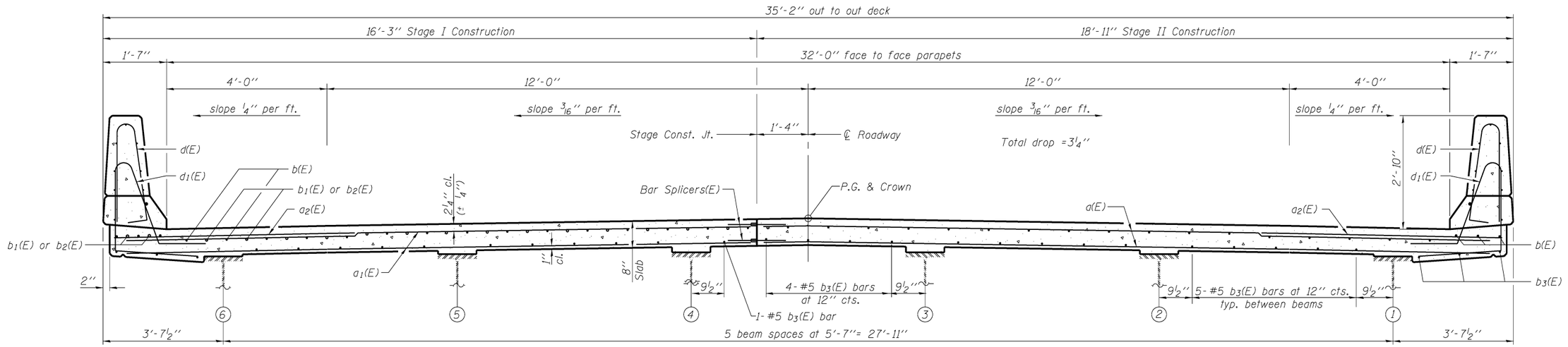
*Order a(E) and a_1(E) bars full length. Cut to fit skew and use remainder of bars in opposite end.



PARTIAL PLAN

Notes:
See Sheet 10 of 24 for superstructure details and Bill of Material.
See Sheet 12 of 24 for Section A-A and diaphragm details.
Bars indicated thus 32 x 9-#5 etc. indicates 32 lines of bars with 9 lengths per line.
See sheet 10 of 24 for plan at drainage scuppers.

MINIMUM BAR LAP
#5 bar = 2'-7"



NEAR PIER **NEAR MIDSPAN**

CROSS SECTION
(Looking South)

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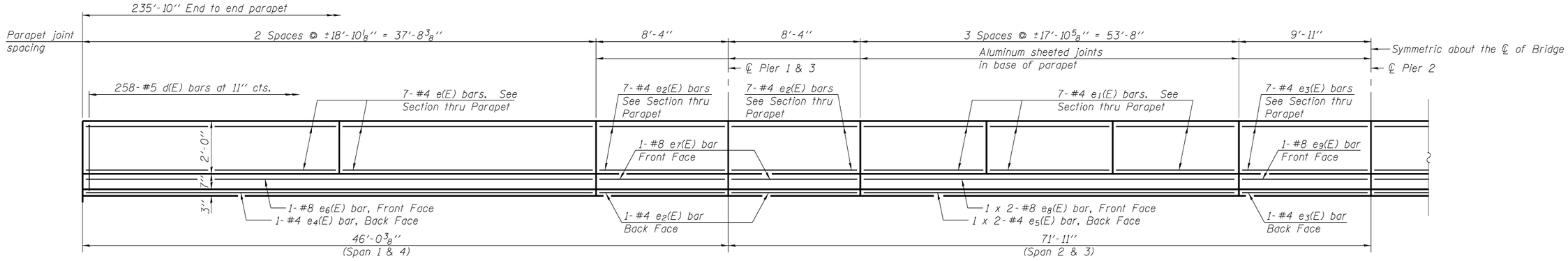
	CHECKED - CJB	REVISED -
PLOT SCALE =	DRAWN - WJV	REVISED -
PLOT DATE = 12-22-2011	CHECKED - CJB	REVISED -

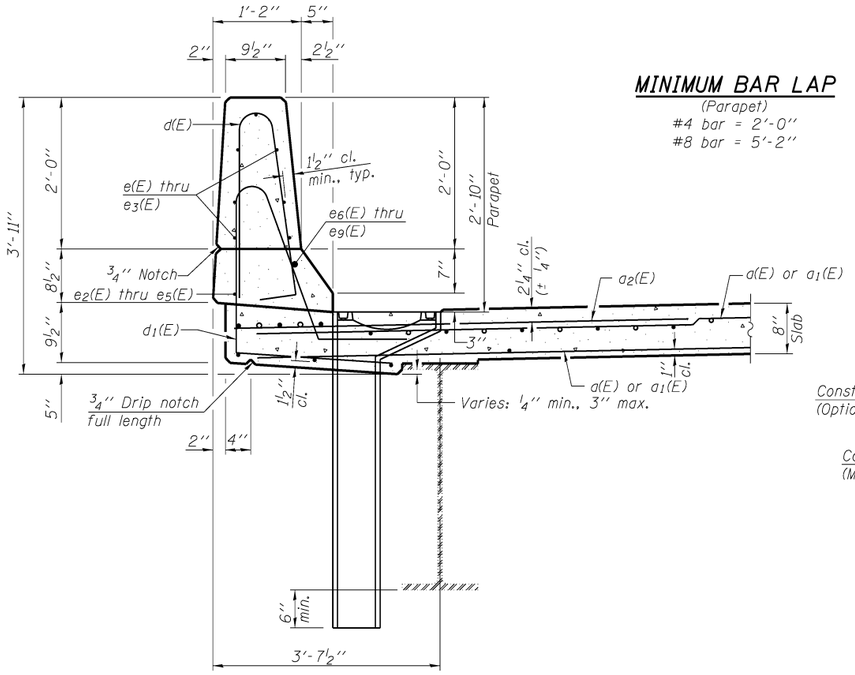
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DECK PLAN AND CROSS SECTION
STRUCTURE NO. 026-0055
SHEET NO. 9 OF 24 SHEETS

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2720	(26-5,26-5-1,26-1-1)R	Fayette	92	76
		CONTRACT NO. 74469		
	ILLINOIS FED. AID PROJECT			



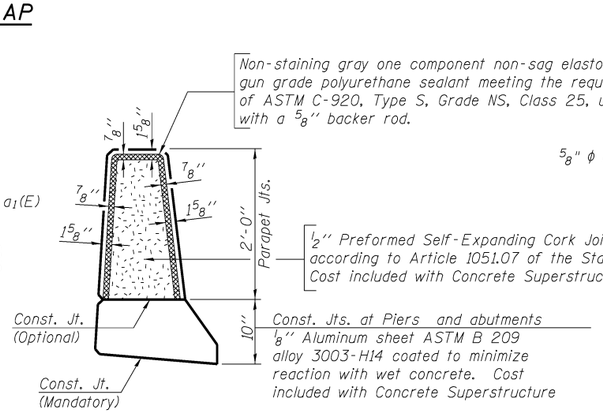
INSIDE ELEVATION OF PARAPET



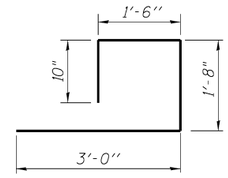
SECTION THRU PARAPET

MINIMUM BAR LAP

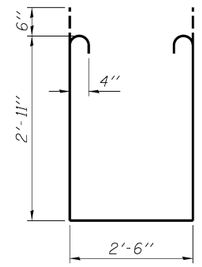
(Parapet)
#4 bar = 2'-0''
#8 bar = 5'-2''



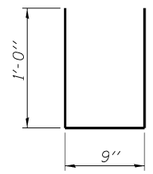
PARAPET JOINT DETAILS



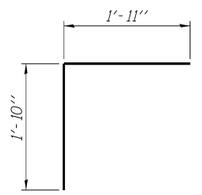
BAR s(E)



BAR s1(E)



BAR u(E)

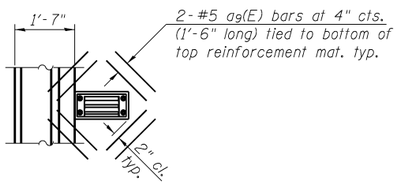


BAR v(E)

SUPERSTRUCTURE BILL OF MATERIAL

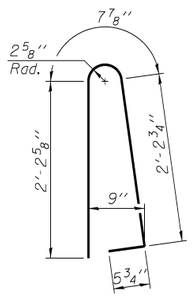
Bar	No.	Size	Length	Shape
d(E)	598	#5	18'-4''	
a1(E)	598	#5	15'-8''	
a2(E)	314	#6	6'-6''	
a3(E)	4	#5	16'-8''	
a4(E)	4	#5	19'-6''	
a9(E)	32	#5	1'-6''	
b(E)	342	#5	28'-5''	
b1(E)	70	#6	33'-7''	
b2(E)	35	#6	41'-6''	
b3(E)	310	#5	25'-10''	
d(E)	516	#5	5'-7''	
d1(E)	516	#5	8'-4''	
e(E)	56	#4	18'-6''	
e1(E)	84	#4	17'-7''	
e2(E)	64	#4	8'-0''	
e3(E)	32	#4	9'-7''	
e4(E)	4	#4	37'-4''	
e5(E)	8	#4	27'-8''	
e6(E)	4	#8	37'-4''	
e7(E)	8	#8	8'-0''	
e8(E)	8	#8	29'-3''	
e9(E)	4	#8	9'-7''	
m(E)	16	#6	16'-10''	
m1(E)	16	#6	19'-8''	
m2(E)	8	#6	8'-2''	
m3(E)	12	#6	8'-10''	
m4(E)	16	#6	5'-8''	
m5(E)	8	#6	3'-5''	
m6(E)	4	#6	4'-1''	
m7(E)	4	#6	7'-2''	
s(E)	62	#5	7'-0''	
s1(E)	62	#4	9'-4''	
u(E)	74	#5	2'-9''	
v(E)	70	#5	3'-9''	
Reinforcement Bars, Epoxy Coated			Pound	62,640
Concrete Superstructure			Cu. Yds.	309.2
Bridge Deck Grooving			Sq. Yd.	768
Protective Coat			Sq. Yd.	1036

Bars indicated thus 32 x 9-#5 etc. indicates 32 lines of bars with 9 lengths per line.

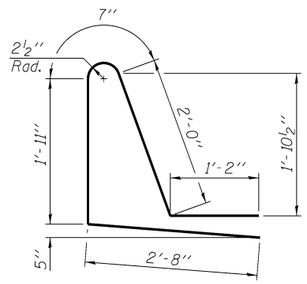


PLAN AT DRAINAGE SCUPPERS

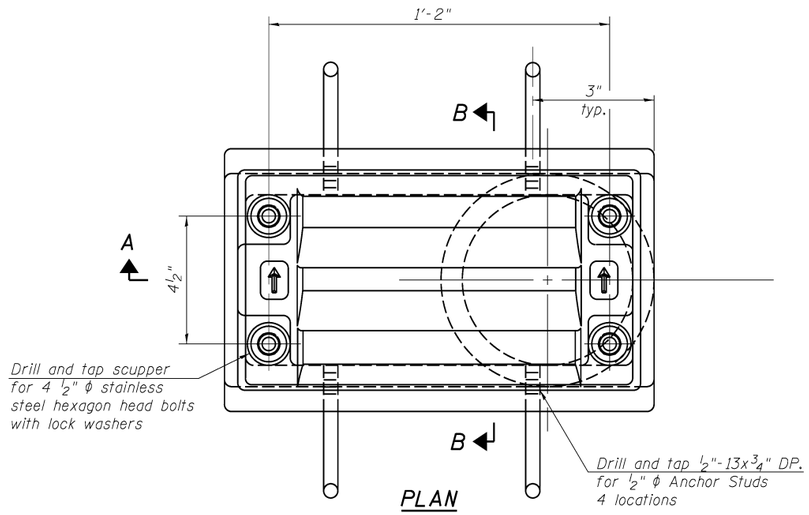
Note:
Cut longitudinal reinforcement to clear drainage scuppers.
See sheet 1 of 24 for scupper spacing.



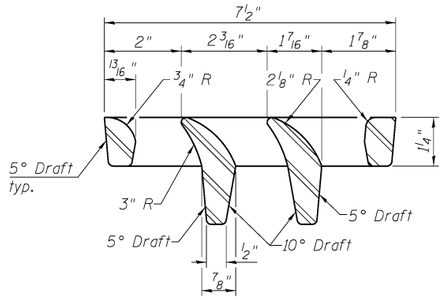
BAR d(E)



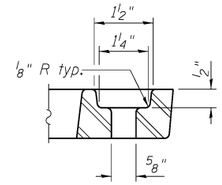
BAR d1(E)



PLAN



VANE GRATE DETAIL



BOLT HOLE DETAIL

Notes:

All cast iron parts shall be gray iron conforming to the requirements of AASHTO M 105, Class 35B.

Bolts, anchor studs, washers and nuts shall conform to the requirements of ASTM A 307 and shall be galvanized according to AASHTO M 232.

Downspouts located on the exterior side of a painted steel fascia beam shall be painted with Blue, Munsell No. 10B 3/6.

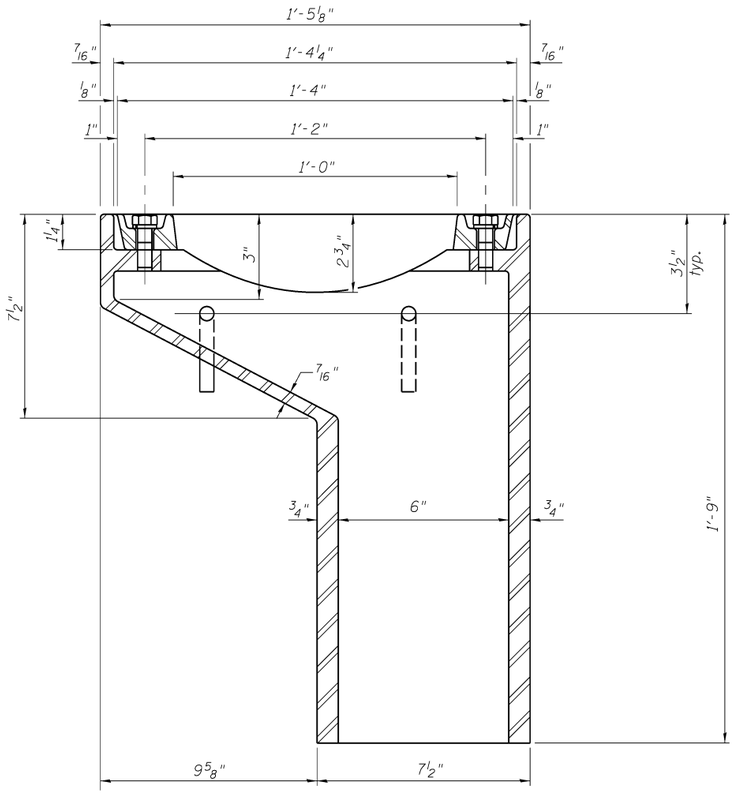
As an alternate, bolts, anchor studs, washers and nuts may be stainless steel according to Article 1006.29(d) of the Standard Specifications.

Structural steel weldments of equal sections and of the same configuration may be substituted for the cast iron scupper frame. Fillet or full penetration welds shall be used for the weldments. Details shall be submitted to the Engineer for approval. Structural steel weldments shall not be substituted for the cast iron scupper grate. Structural steel frames and downspouts shall be galvanized according to AASHTO M111.

The Contractor shall take appropriate measures to assure that Protective Coat is not applied to the scupper.

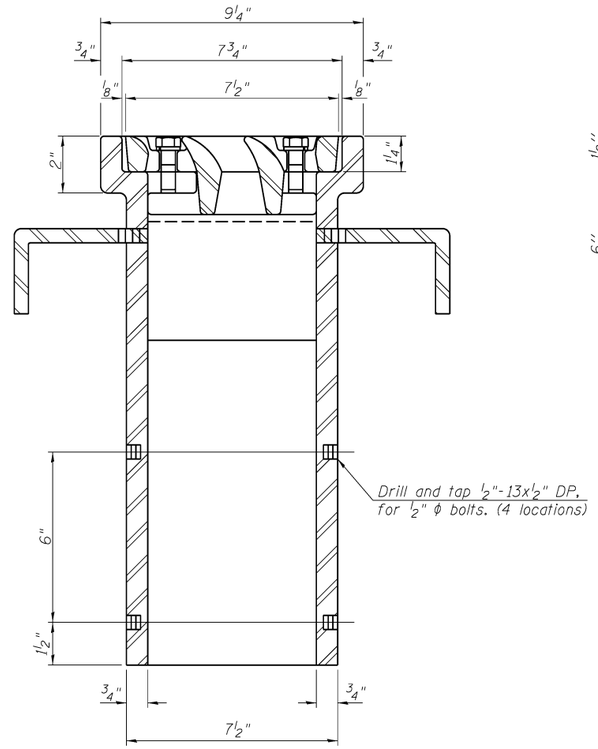
Cost of the Grate, Frame, Downspout, Anchor Studs, Bolts, Washers and Nuts including complete installation of the scupper shall be paid for at the contract unit price each for Drainage Scupper, DS-11.

Alternate fiberglass downspout conforming to ASTM D 2996 with a short-time rupture strength hoop tensile stress of 30,000 psi min. may be used in lieu of the cast iron or steel equivalent.

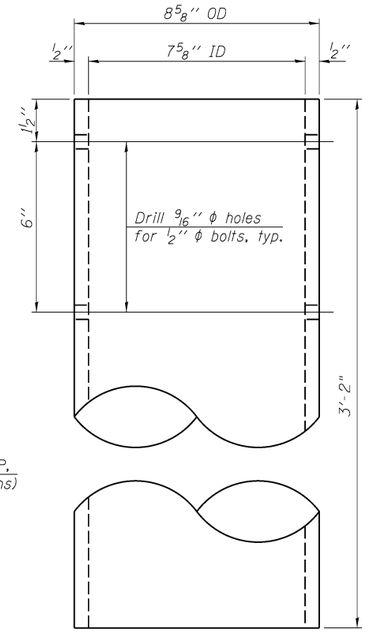


SECTION A-A

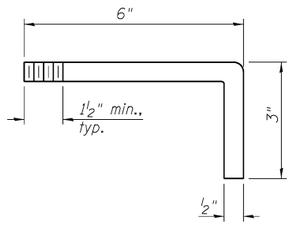
See sheet 1 of 24 for scupper location relative to parapet.



SECTION B-B



DOWNSPOUT



ANCHOR STUD DETAIL

BILL OF MATERIAL

ITEM	UNIT	QUANTITY
Drainage Scupper, DS-11	Each	4

DS-11 7-1-10

V3 Companies of Illinois Ltd.
7325 Janes Avenue
Woodridge, IL 60517
630.724.9200 phone
630.724.9202 fax
www.v3co.com

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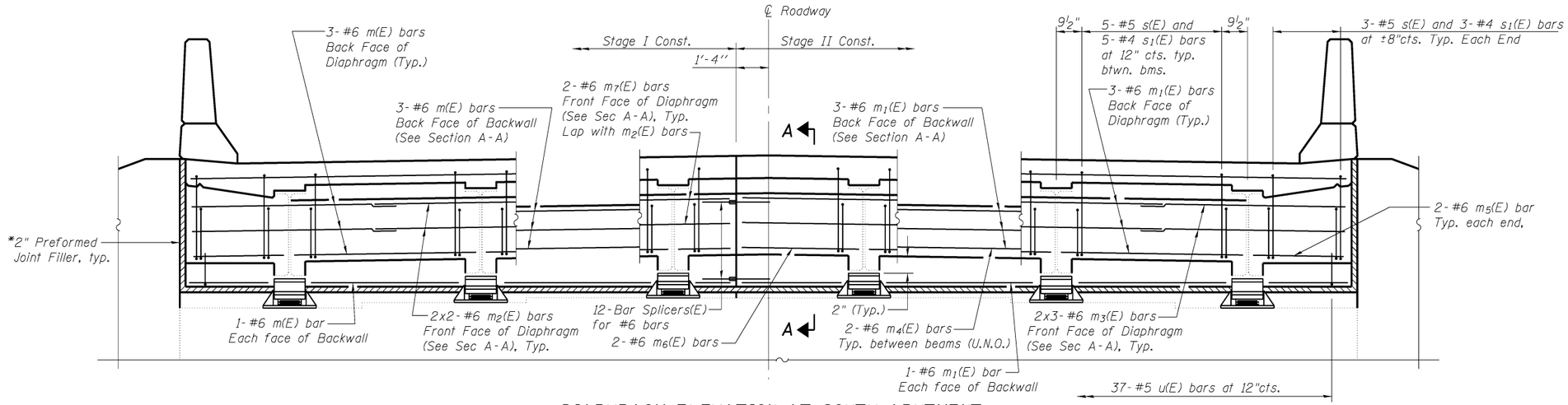
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DRAINAGE SCUPPER, DS–11
STRUCTURE NO. 026–0055
SHEET NO. 11 OF 24 SHEETS

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2720	(26-5,26-5-1,26-1-1)R	Fayette	92	78
		CONTRACT NO. 74469		
	ILLINOIS FED. AID PROJECT			



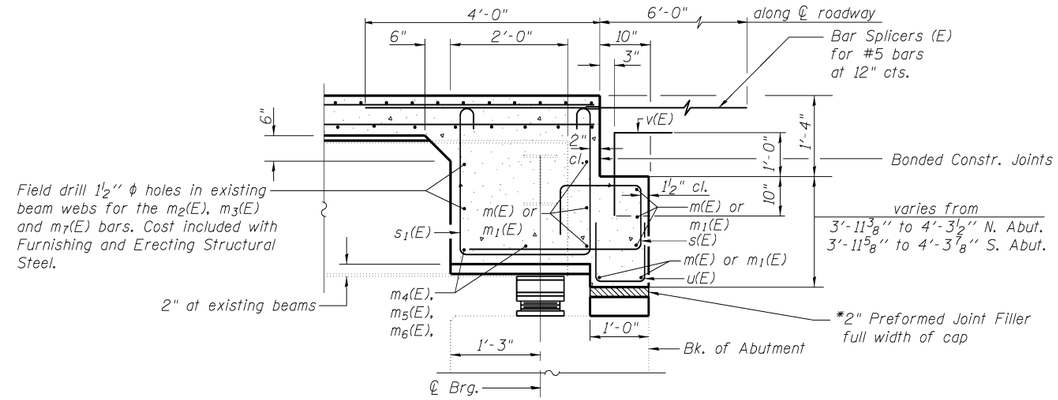
DIAPHRAGM ELEVATION AT SOUTH ABUTMENT

(Looking South, North Abutment Opposite Hand)

*Cost included with Concrete Superstructure

MINIMUM BAR LAP

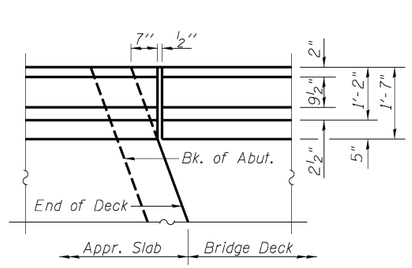
#6 bar = 3'-4"



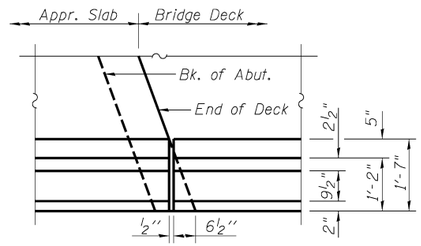
SECTION A-A

(Dimensions at Rt. L's except as noted)

*Cost included with Concrete Superstructure



DETAIL A



DETAIL B

Notes:

Reinforcement bars in diaphragm are billed with superstructure on sheet 10 of 24.

Bars indicated thus 2x3- #6 etc. indicates 2 lines of bars with 3 lengths per line.

Concrete in diaphragm is included with Concrete Superstructure on sheet 10 of 24.

For details of bars s(E), s_1(E) & u(E) see sheet 10 of 24.

The s(E) and s_1(E) bars shall be placed parallel to the beams. Spacing for these bars shall be at right angles to the beams.

U.N.O. = Unless Noted Otherwise.

Existing steel end diaphragms are to remain in place and are to be cleaned according to Power Tool Cleaning (SSPC SP-3 Modified). Cost included with Furnishing and Erecting Structural Steel.

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7325 Janes Avenue
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630.724.9200 phone
630.724.9202 fax
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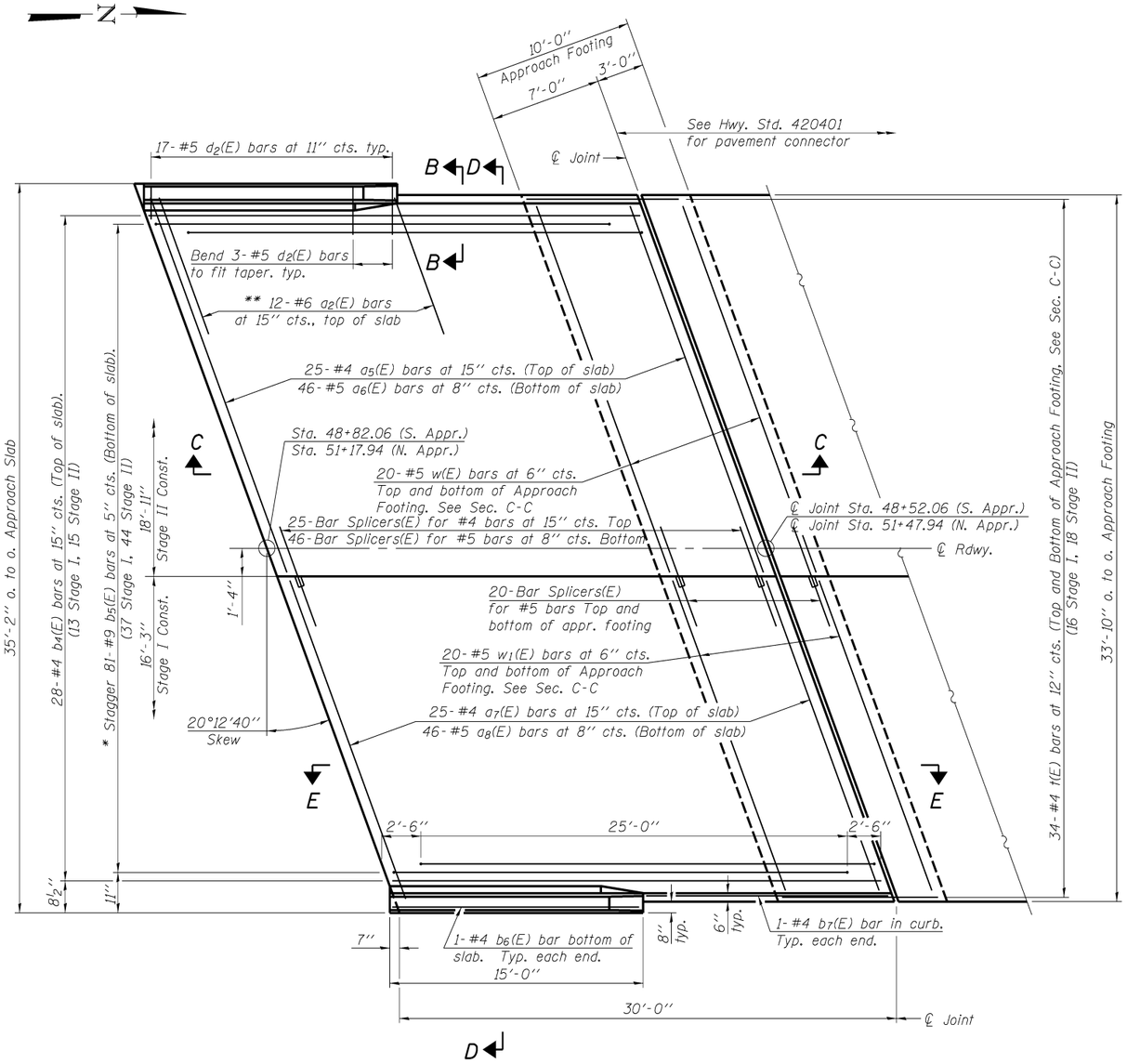
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DIAPHRAGM DETAILS
STRUCTURE NO. 026-0055
SHEET NO. 12 OF 24 SHEETS

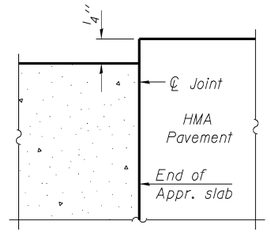
F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2720	(26-5,26-5-1,26-1-1)R	Fayette	92	79
		CONTRACT NO. 74469		
	ILLINOIS FED. AID PROJECT			

Notes:
See sheet 14 of 24 for Sections C-C & D-D and View E-E.
a_5(E) thru a_8(E) bar spacings measured along ℄ Rdwy.



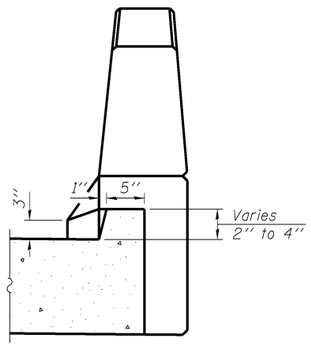
PLAN
(N. Appr. shown, S. Appr. Similar)

* Tilt #9 b_5(E) bars as required to maintain clearance.
** Space between a_5(E) or a_7(E) bars, typ. each parapet.



FLEXIBLE PAVEMENT

DETAIL A



VIEW B-B

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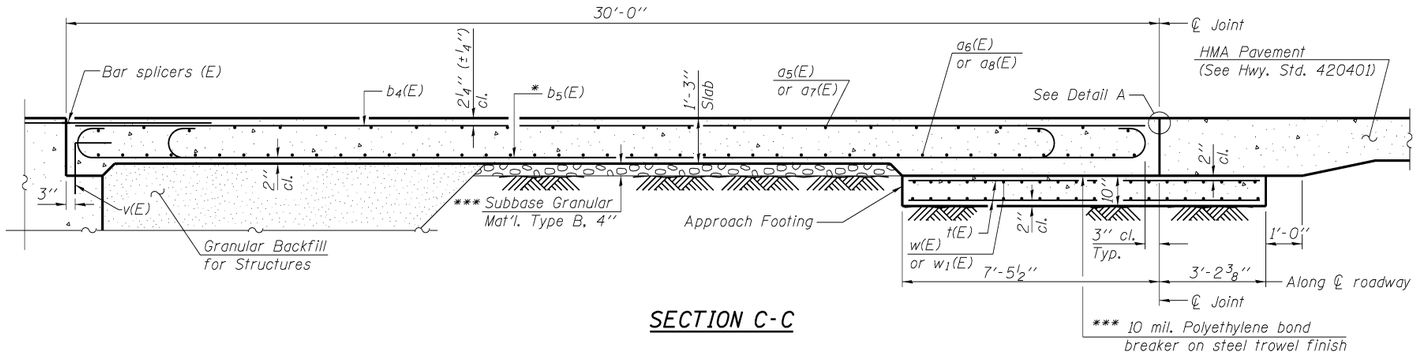
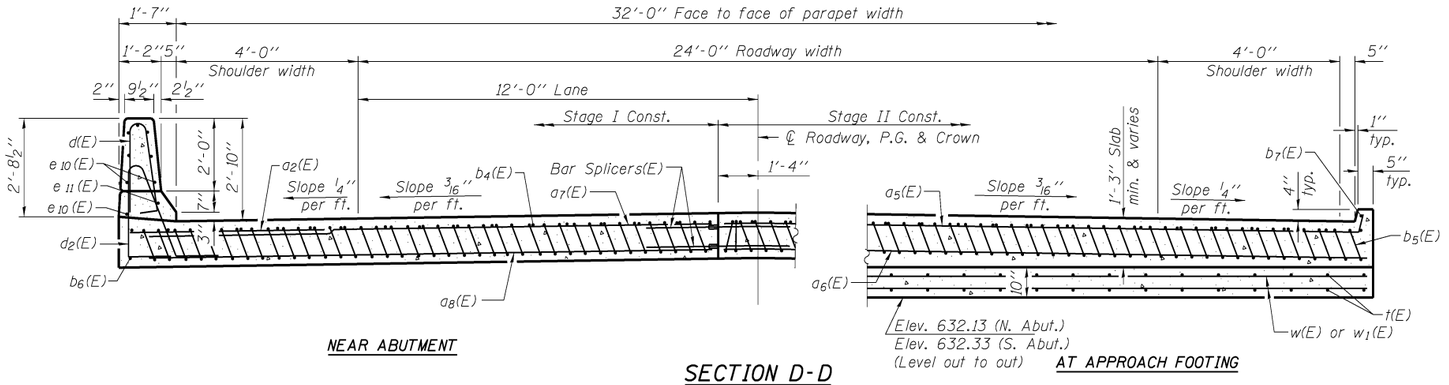
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

BRIDGE APPROACH SLAB DETAILS – I
STRUCTURE NO. 026-0055
SHEET NO. 13 OF 24 SHEETS

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2720	(26-5,26-5-1,26-1-1)R	Fayette	92	80
		CONTRACT NO. 74469		
	ILLINOIS FED. AID PROJECT			



SECTION C-C

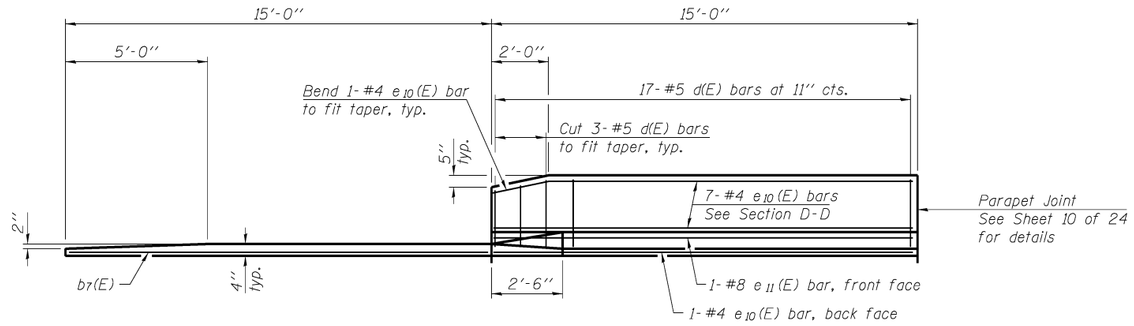


NEAR ABUTMENT

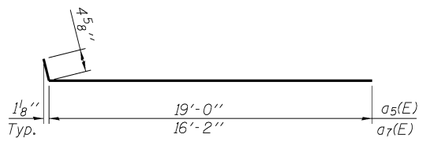
AT APPROACH FOOTING

SECTION D-D

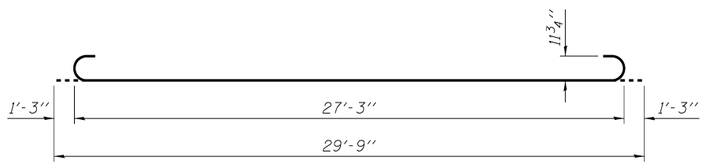
(See Plan for dimensions not shown)



VIEW E-E



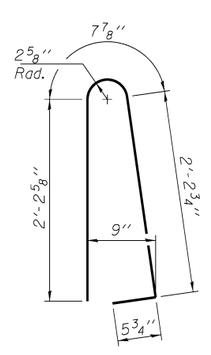
BAR a5(E) & a7(E)



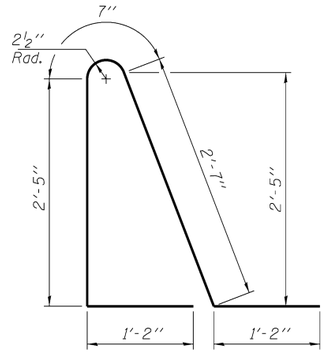
BAR b5(E)

Notes:

See sheet 13 of 24 for Detail A.
Approach slab and parapet concrete shall be paid for as Concrete Superstructure.
Approach footing concrete shall be paid for as Concrete Structures.
Reinforcement shall be paid for as Reinforcement Bars, Epoxy Coated.
For v(E) bar details, see sheet 10 of 24.
The approach footing maximum applied service bearing pressure (Qmax) = 2.0 ksf.
For bar splicer details, see sheet 21 of 24.
Cost of excavation for approach footing included with Concrete Structures.
For Granular Backfill for Structures and drainage treatment details, see sheet 2 of 24.
For additional parapet details, see sheet 10 of 24.



BAR d(E)



BAR d2(E)

* Tilt #9 b5(E) bars as required to maintain clearance.

*** Cost included with Concrete Superstructure.

TWO APPROACHES BILL OF MATERIAL

Bar	No.	Size	Length	Shape
a2(E)	48	#6	6'-6"	
a5(E)	50	#4	19'-5"	
a6(E)	92	#5	19'-1"	
a7(E)	50	#4	16'-7"	
a8(E)	92	#5	16'-3"	
b4(E)	56	#4	29'-8"	
b5(E)	162	#9	29'-9"	
b6(E)	4	#4	14'-8"	
b7(E)	4	#4	14'-8"	
d(E)	68	#5	5'-7"	
d2(E)	68	#5	7'-11"	
e10(E)	32	#4	14'-8"	
e11(E)	4	#8	14'-8"	
t(E)	136	#4	10'-4"	
w(E)	80	#5	19'-1"	
w1(E)	80	#5	16'-3"	
Concrete Superstructure			Cu. Yd.	110.0
Concrete Structures			Cu. Yd.	22.3
Reinforcement Bars, Epoxy Coated			Pound	27,960
Bridge Deck Grooving			Sq. Yd.	200
Protective Coat			Sq. Yd.	246

There are 3890 pounds of Reinforcement Bars in the substructure and 24,070 pounds of Reinforcement bars in the superstructure.

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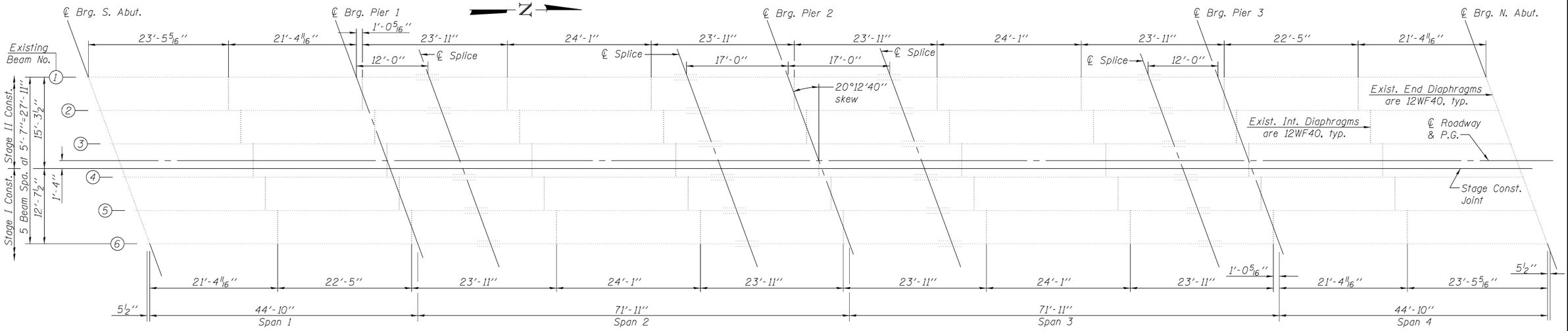
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

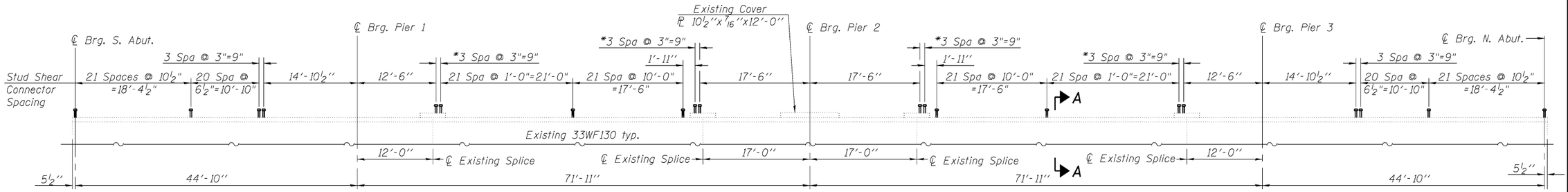
BRIDGE APPROACH SLAB DETAILS – II
STRUCTURE NO. 026-0055
SHEET NO. 14 OF 24 SHEETS

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2720	(26-5,26-5-1,26-1-1)R	Fayette	92	81
		CONTRACT NO. 74469		
	ILLINOIS FED. AID PROJECT			



PLAN

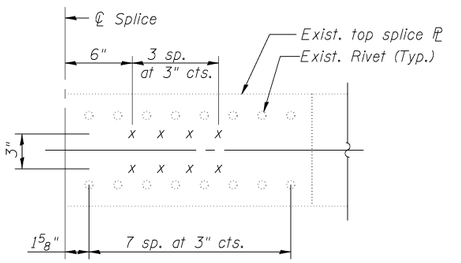
(All Existing beams are 33WF130)



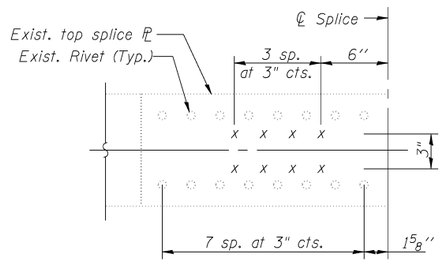
*For layout of stud shear connectors at splice, see detail below.

ELEVATION

(showing stud shear connector spacing)



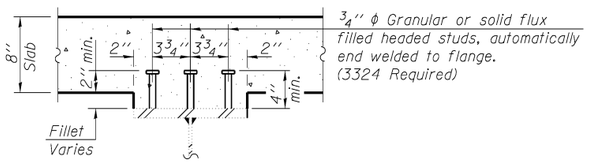
SPLICES NORTH OF PIER 1 & PIER 2



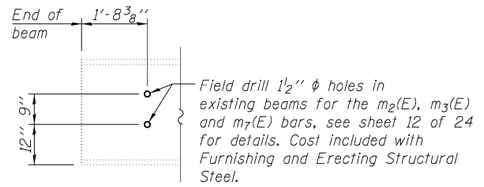
SPLICES SOUTH OF PIER 2 & PIER 3

STUD SHEAR CONNECTORS AT SPLICE

x - Stud Shear Connectors



SECTION A-A



TYP. END OF EXISTNG BEAM

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FRAMING PLAN AND ELEVATION
STRUCTURE NO. 026-0055
SHEET NO. 15 OF 24 SHEETS

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2720	(26-5,26-5-1,26-1-1)R	Fayette	92	82
		CONTRACT NO. 74469		
	ILLINOIS FED. AID PROJECT			

	INTERIOR GIRDER MOMENT TABLE					
			0.4 Sp. 1 0.6 Sp. 4	Pier 1 Pier 3	0.5 Sp. 2 0.5 Sp. 3	Pier 2
	I_s	(in^4)	6699	6699	6699	9282
	$I_c(n)$	(in^4)	17,593	-	17,593	-
	$I_c(3n)$	(in^4)	12,717	-	12,717	-
	S_s	(in^3)	405	405	405	554
	$S_c(n)$	(in^3)	591	-	591	-
	$S_c(3n)$	(in^3)	530	-	530	-
	Z	(in^3)	-	-	-	-
	$\mathcal{D}$	(k/')	0.737	1.020	0.737	1.020
	$M\mathcal{D}$	('k)	77.0	335.6	172.8	482.4
	$s\mathcal{D}$	(k/')	0.283	-	0.283	-
	$M_s\mathcal{D}$	('k)	38.2	-	88.8	-
	$M\mathcal{L}$	('k)	230.2	176.5	369.5	231.7
	M_I	('k)	66.8	47.7	92.4	57.9
	$\frac{5}{3}[M\mathcal{L} + I]$	('k)	494.9	373.7	769.8	482.7
	M_a	('k)	793.1	922.1	1340.8	1254.6
*	M_u	('k)	1722	-	1657	-
	f_s $\mathcal{D}$ non-comp	(ksi)	2.28	9.94	5.12	10.45
	f_s $\mathcal{D}$ (comp)	(ksi)	0.86	-	2.00	-
	f_s $\frac{5}{3}[M\mathcal{L} + M_I]$	(ksi)	10.05	11.07	15.63	10.46
	f_s (Overload)	(ksi)	13.19	21.01	22.75	20.91
**	f_s (Total)	(ksi)	-	27.31	-	27.18
	VR	(k)	40.7	-	34.7	-

INTERIOR GIRDER REACTION TABLE				
		N. & S. Abut.	Pier 1 & 3	Pier 2
$R\mathcal{D}$	(k)	43.2***	65.1	77.4
$R\mathcal{L}$	(k)	31.7	38.8	39.1
R_I	(k)	9.2	10.5	9.8
R_{Total}	(k)	84.1	114.4	126.3

* Compact section
** Braced non-compact and partially braced section
*** Reaction includes bridge approach slab

I_s, S_s: Non-composite moment of inertia and section modulus of the steel section used for computing f_s (Total and Overload) due to non-composite dead loads (in.^{4} and in.^{3}).

$I_c(n)$, $S_c(n)$: Composite moment of inertia and section modulus of the steel and deck based upon the modular ratio, "n", used for computing f_s (Total and Overload) due to short-term composite live loads (in.^{4} and in.^{3}).

$I_c(3n)$, $S_c(3n)$: Composite moment of inertia and section modulus of the steel and deck based upon 3 times the modular ratio, "3n", used for computing f_s (Total and Overload) due to long-term composite (superimposed) dead loads (in.^{4} and in.^{3}).

Z: Plastic Section Modulus of the steel section in non-composite areas (in.^{3}).

$\mathcal{D}$: Un-factored non-composite dead load (kips/ft.).

$M\mathcal{D}$: Un-factored moment due to non-composite dead load (kip-ft.).

$s\mathcal{D}$: Un-factored long-term composite (superimposed) dead load (kips/ft.)

$M_s\mathcal{D}$: Un-factored moment due to long-term composite (superimposed) dead load (kip-ft.).

$M\mathcal{L}$: Un-factored live load moment (kip-ft.).

M_I: Un-factored moment due to impact (kip-ft.).

M_a: Factored design moment (kip-ft.).
$1.3\ [\ M\mathcal{D} + M_s\mathcal{D} + \frac{5}{3}\ (M\mathcal{L} + M_I)]$

M_u: Compact composite moment capacity according to AASHTO LFD 10.50.1.1 or compact non-composite moment capacity according to AASHTO LFD 10.48.1 (kip-ft.).

f_s (Overload): Sum of stresses as computed from the moments below (ksi).
$M\mathcal{D} + M_s\mathcal{D} + \frac{5}{3}\ (M\mathcal{L} + M_I)$

f_s (Total): Sum of stresses as computed from the moments below on non-compact section (ksi).
$1.3\ [M\mathcal{D} + M_s\mathcal{D} + \frac{5}{3}\ (M\mathcal{L} + M_I)]$

VR: Maximum $\mathcal{L}$ + impact shear range within the composite portion of the span for stud shear connector design (kips).

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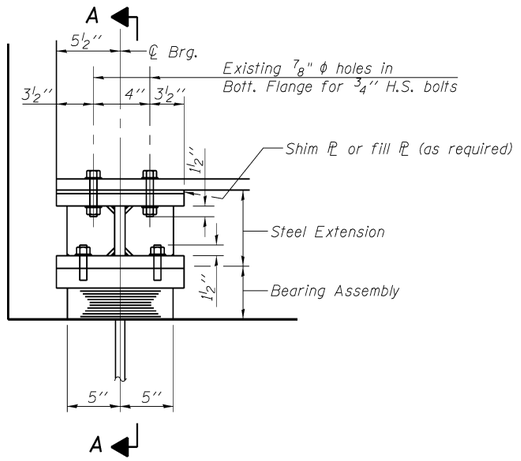
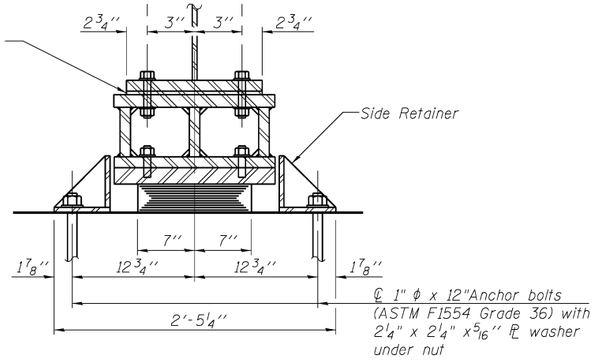
FRAMING PLAN AND ELEVATION
STRUCTURE NO. 026-0055
SHEET NO. 16 OF 24 SHEETS

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2720	(26-5,26-5-1,26-1-1)R	Fayette	92	83
		CONTRACT NO. 74469		
	ILLINOIS FED. AID PROJECT			

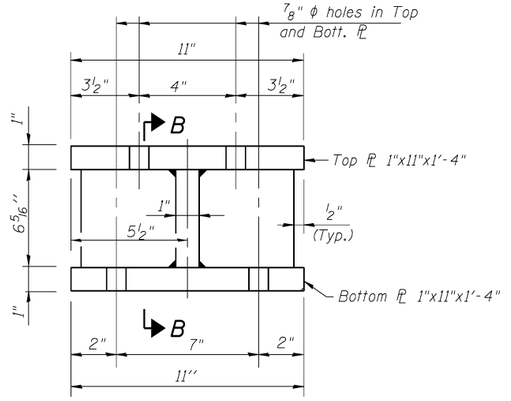


ELEVATION AT ABUT.

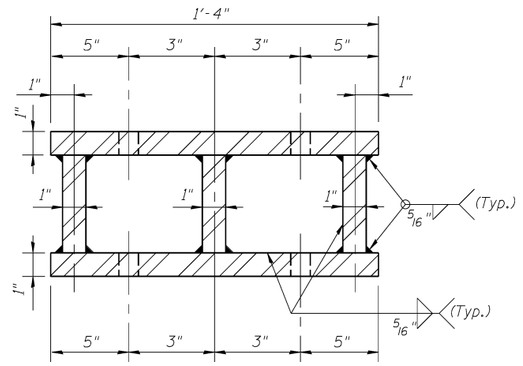


SECTION A-A

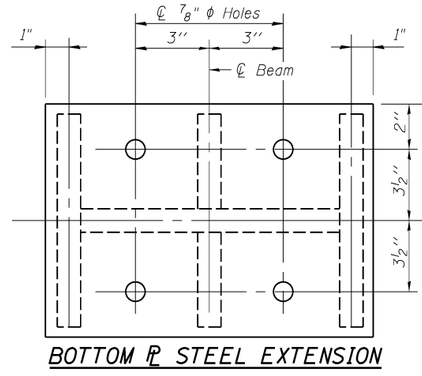
TYPE I ELASTOMERIC EXP. BRG.



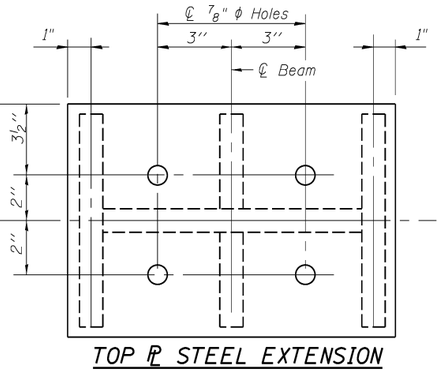
ELEVATION STEEL EXTENSION



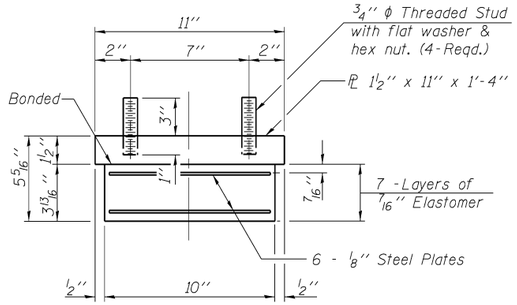
SECTION B-B



BOTTOM ℙ STEEL EXTENSION

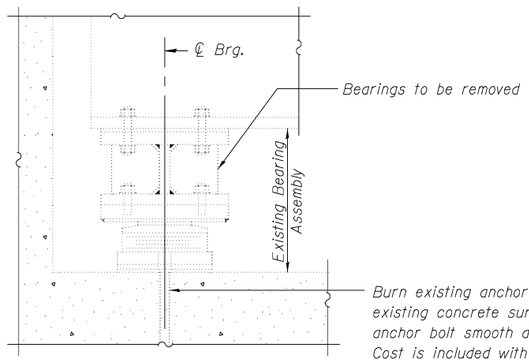


TOP ℙ STEEL EXTENSION



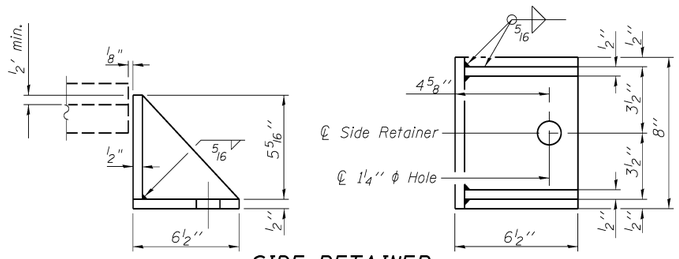
BEARING ASSEMBLY

Note:
Shim plates shall not be placed under Bearing Assembly.



Burn existing anchor bolts flush with existing concrete surface. Grind existing anchor bolt smooth and seal with epoxy. Cost is included with Jack and Remove Existing Bearings.

EXISTING BEARING REMOVAL DETAIL



SIDE RETAINER

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

FILL PLATES

	Beam 3	Beam 4
South Abutment	3/16''	7/16''
North Abutment	3/8''	⅛''

JACK AND REMOVE EXISTING BEARING AT ABUTMENTS

1. Jacking and bearing removal shall be done after the removal of the existing bridge deck is complete.
2. Prior to commencing any work at the bearings, the Contractor shall submit plans for jacking for approval by the Engineer. This work shall be done after existing concrete deck is removed and prior to pouring of the new concrete deck. The maximum dead load reaction per beam (weight of steel only) at North & South Abutments is 3 kips. Minimum jack capacity is 6 kips for North & South Abutments.
3. Jacking shall be limited so that the maximum lift transversely between adjacent beams is ⅛". See Special Provision for Jack and Remove Existing Bearings.
4. The new bearings and steel extensions shall be in place and the jacks shall be lowered before the new concrete deck is poured.

Notes:
Anchor bolts shall be ASTM F1554 all-thread (or an Engineer-approved alternate material) of the grade(s) and diameter(s) specified. The corresponding specified grade of AASHTO M314 anchor bolts may be used in lieu of ASTM F1554.
Anchor bolts for side retainers shall be installed in holes drilled before or after bearings are in place.
Drilled and set anchor bolts shall be installed according to Article 521.06 of the Standard Specifications.
Side retainers, steel extensions and shims required for the elastomeric bearing assembly shall be included in the cost of Furnishing and Erecting Structural Steel.
Prior to ordering any material, the Contractor shall verify in the field all bearing height dimensions and existing flange bolt hole locations.
Two ⅛ in. adjusting shims shall be provided for each bearing in addition to all other plates or shims and placed as shown on bearing details.

BILL OF MATERIAL

Item	Unit	Total
Elastomeric Bearing Assembly Type I	Each	12
Anchor Bolts, 1"	Each	24
Jack and Remove Existing Bearings	Each	12
Furnishing and Erecting Structural Steel	Pound	2597

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EXPANSION BEARINGS AT ABUTMENTS
STRUCTURE NO. 026-0055
SHEET NO. 17 OF 24 SHEETS

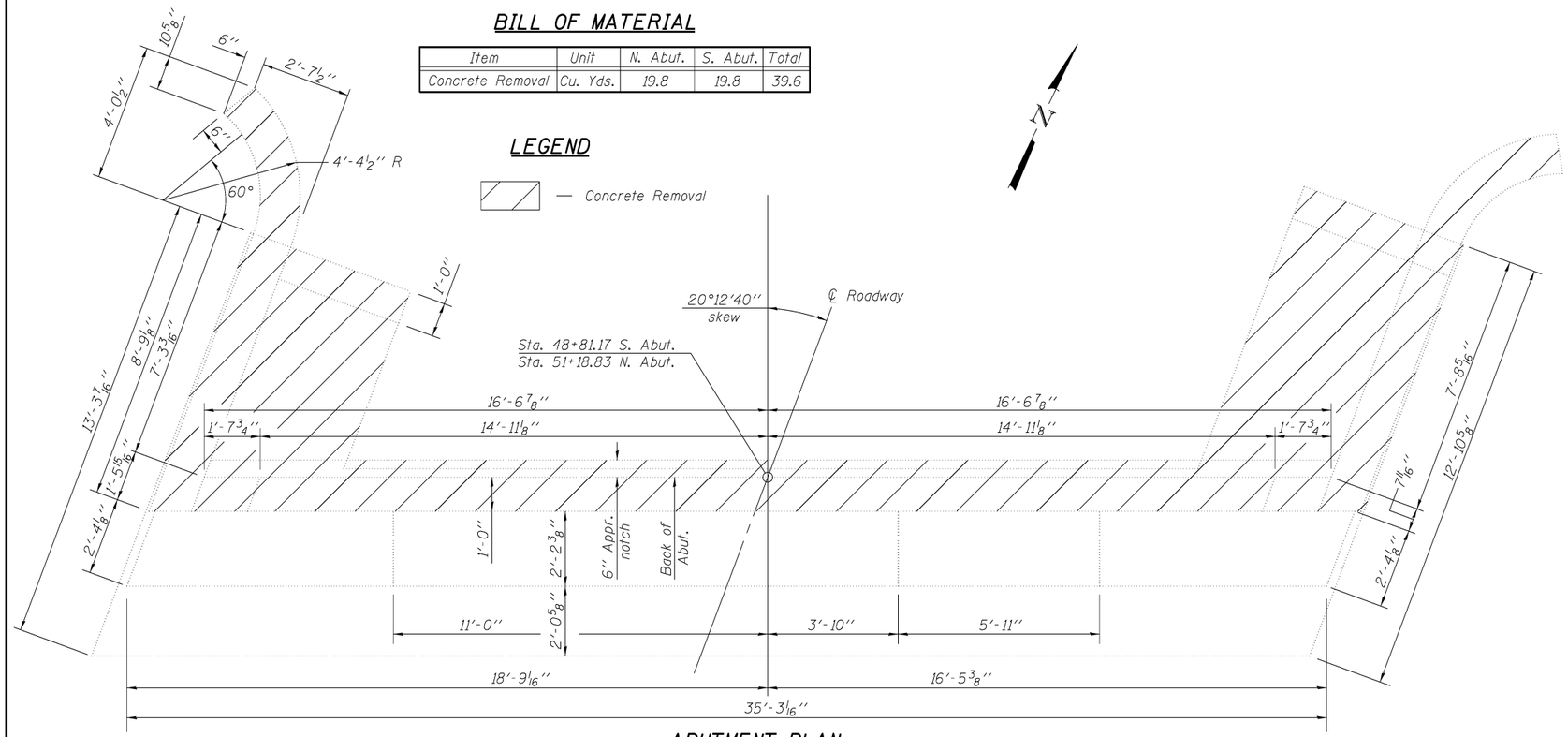
F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2720	(26-5,26-5-1,26-1-1)R	Fayette	92	84
		CONTRACT NO. 74469		
	ILLINOIS FED. AID PROJECT			

BILL OF MATERIAL

Item	Unit	N. Abut.	S. Abut.	Total
Concrete Removal	Cu. Yds.	19.8	19.8	39.6

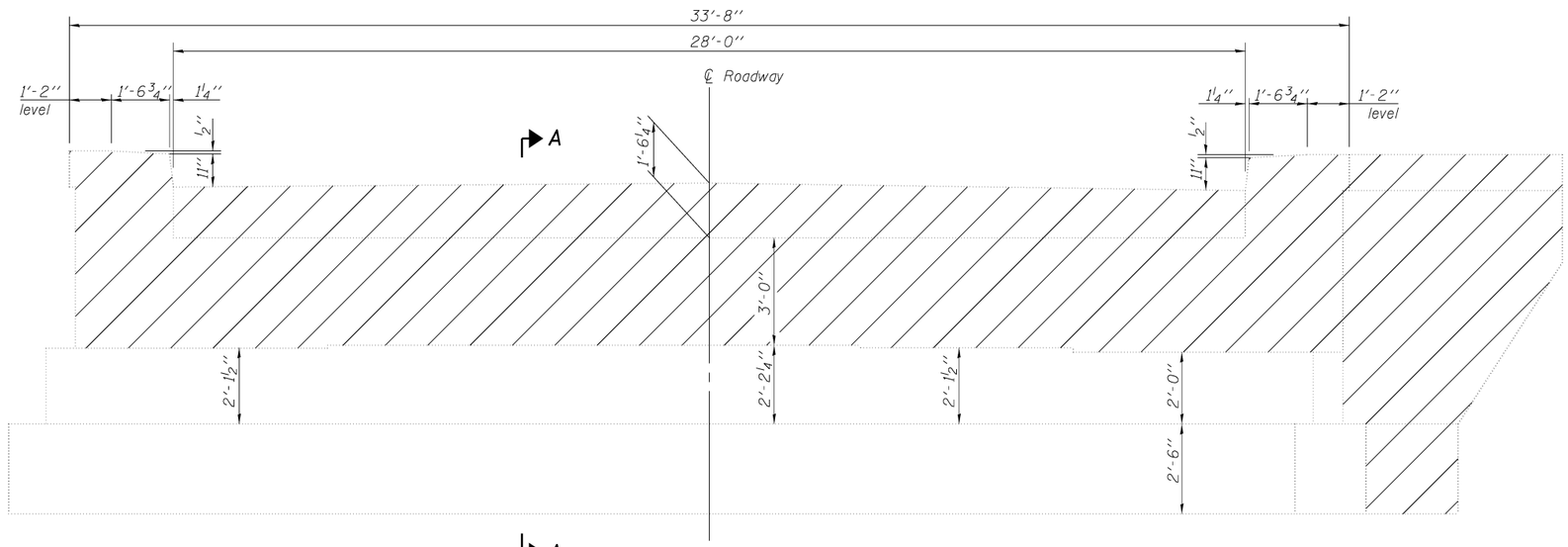
LEGEND

— Concrete Removal



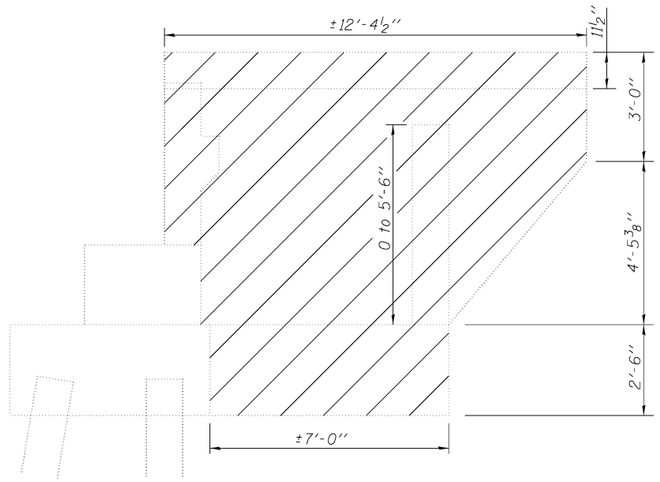
ABUTMENT PLAN

(N. Abut. shown, S. Abut. similar)



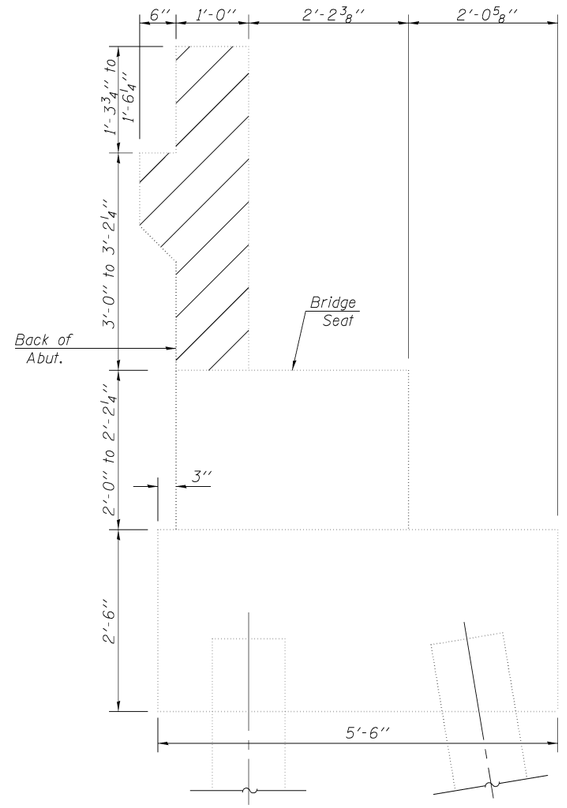
ABUTMENT ELEVATION

(Dimensions measured perpendicular to ℄ of Roadway)



WINGWALL ELEVATION

(East Face, North Abut. shown, other wingwalls similar)



SECTION A-A

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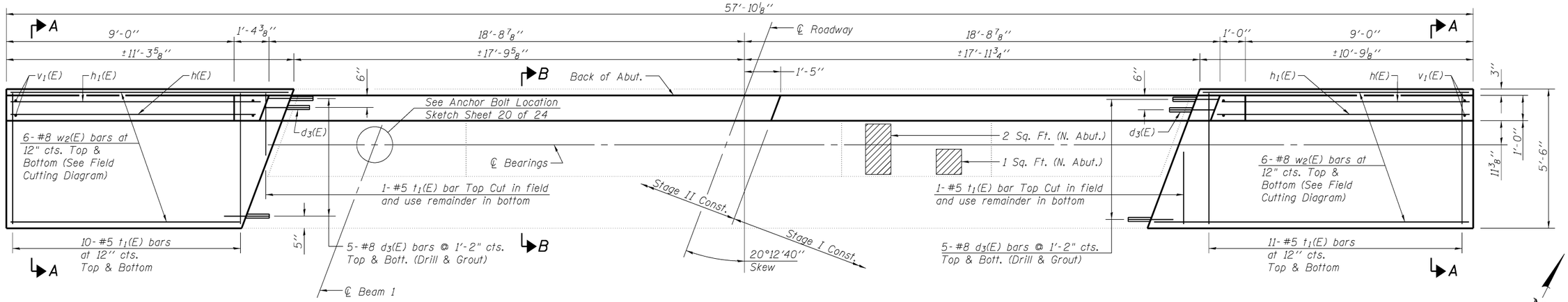
ABUTMENT REMOVAL
STRUCTURE NO. 026-0055
SHEET NO. 18 OF 24 SHEETS

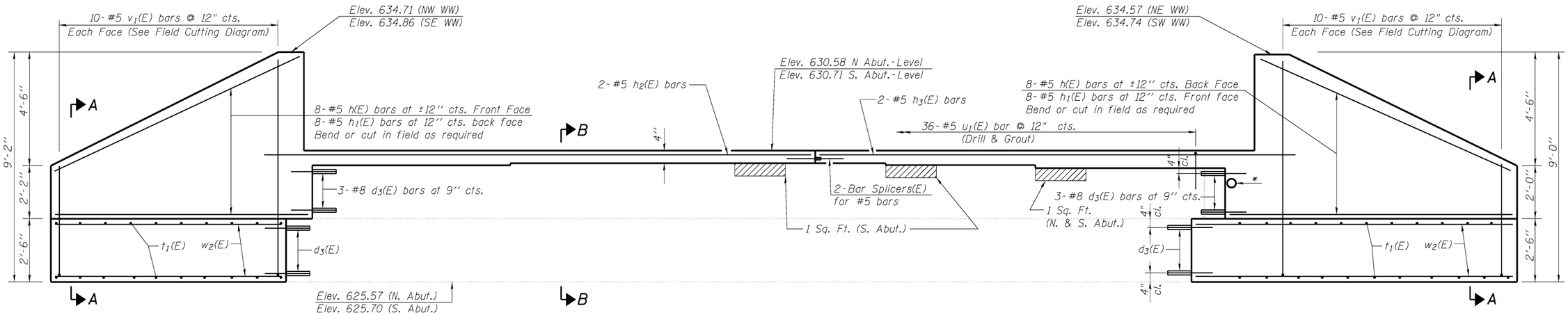
F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2720	(26-5,26-5-1,26-1-1)R	Fayette	92	85
		CONTRACT NO. 74469		
	ILLINOIS FED. AID PROJECT			

18 Abutment Removal.dgn 6/3/2014 1:29:28 PM



NORTH ABUTMENT PLAN

(South Abutment Similar)

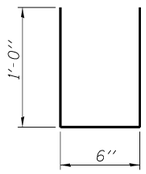


ELEVATION

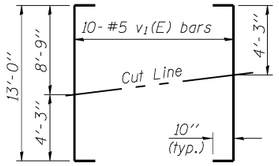
(Looking North)

*Approximate 3" ϕ formed opening for the lighting conduit. Cost included with Concrete Structures.

▨ - Structural Repair of Concrete (Depth equal to or less than 5")

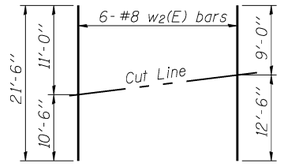


BAR $u_1(E)$



FIELD CUTTING DIAGRAM

Order $v_1(E)$ full length. Cut as shown and use remainder of bars in opposite face.



FIELD CUTTING DIAGRAM

Order $w_2(E)$ full length. Cut as shown and use remainder of bars in opposite footing.

TWO ABUTMENTS BILL OF MATERIAL

Bar	No.	Size	Length	Shape
$d_3(E)$	52	#8	2'-0"	——
h(E)	32	#5	10'-5"	——
$h_1(E)$	32	#5	10'-9"	——
$h_2(E)$	4	#5	20'-10"	——
$h_3(E)$	4	#5	18'-0"	——
$t_1(E)$	88	#5	5'-2"	——
$u_1(E)$	72	#5	2'-6"	⊐
$v_1(E)$	40	#5	14'-8"	⌴
$w_2(E)$	24	#8	21'-6"	——

Concrete Structures	Cu. Yd.	30.9
Reinforcement Bars, Epoxy Coated	Pound	3,800
Structure Excavation	Cu. Yd.	221
Granular Backfill for Structures	Cu. Yd.	215
Structural Repair of Concrete (Depth equal to or less than 5")	Sq. Ft.	7

Notes:
The cost of drilling and grouting $d_3(E)$ and $u_1(E)$ bars is included with Reinforcement Bars, Epoxy Coated. Installation as per Sec. 584 of the Standard Specifications. Min. depth of embedment will be 9".
See Sheet 20 of 24 for Sections A-A and B-B.

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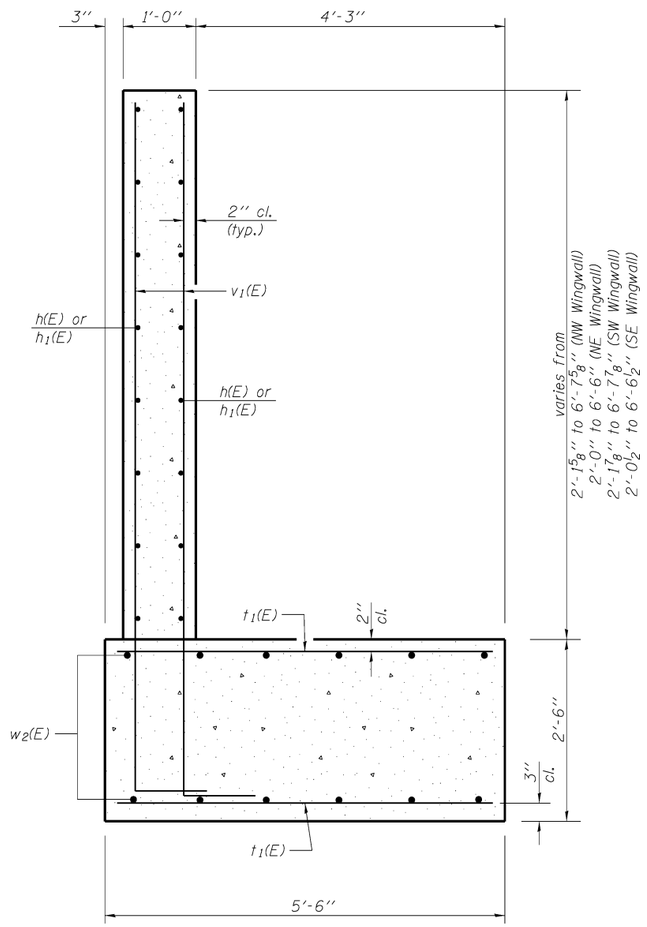
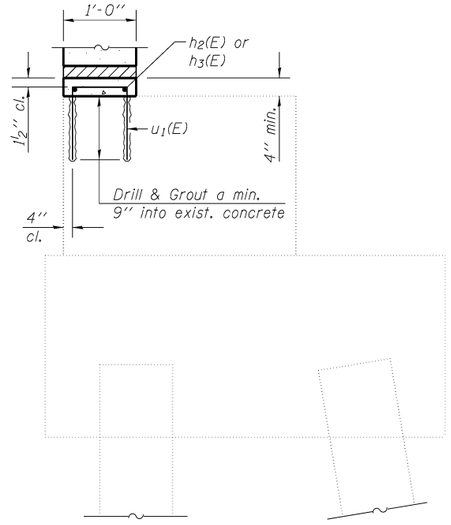
DEPARTMENT OF TRANSPORTATION

ABUTMENTS
STRUCTURE NO. 026-0055
SHEET NO. 19 OF 24 SHEETS

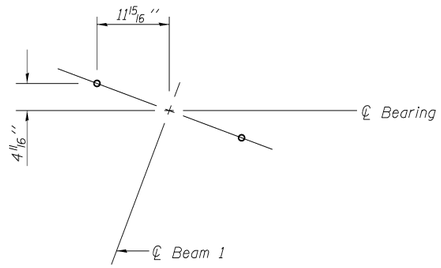
F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2720	(26-5,26-5-1,26-1-1)R	Fayette	92	86
		CONTRACT NO. 74469		
	ILLINOIS FED. AID PROJECT			



SECTION A-A



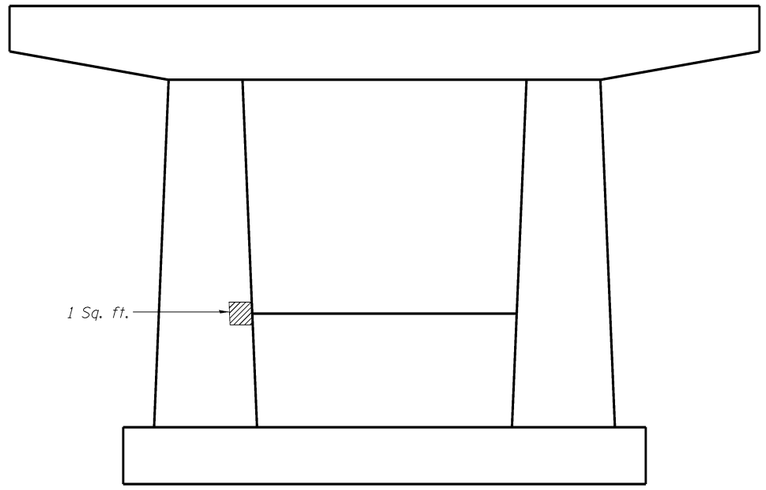
SECTION B-B



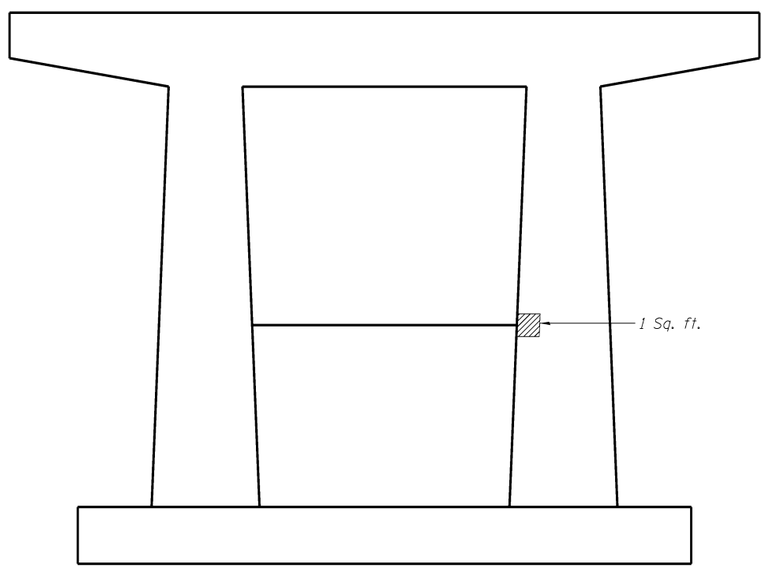
ANCHOR BOLT LOCATION SKETCH

THREE PIERS
BILL OF MATERIAL

Structural Repair of Concrete (Depth equal to or less than 5'')	Sq. Ft.	2



PIER 1
(Looking North)



PIER 2
(Looking North)

- Structural Repair of Concrete (Depth equal to or less than 5'')

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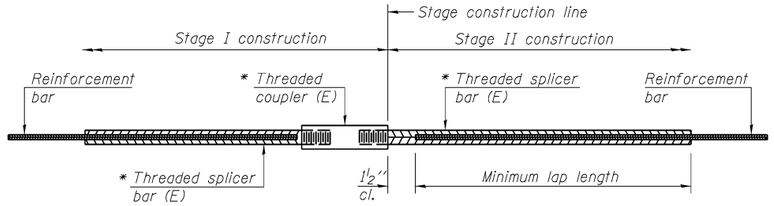
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ABUTMENT DETAILS AND PIER REPAIRS
STRUCTURE NO. 026-0055
SHEET NO. 20 OF 24 SHEETS

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2720	(26-5,26-5-1,26-1-1)R	Fayette	92	87
		CONTRACT NO. 74469		
	ILLINOIS FED. AID PROJECT			



STANDARD BAR SPLICER ASSEMBLY

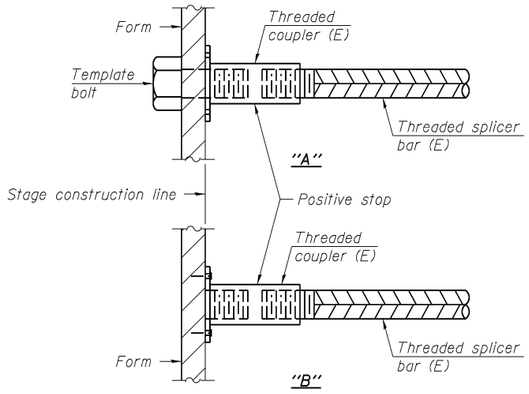
Minimum Lap Lengths					
Bar size to be spliced	Table 1	Table 2	Table 3	Table 4	Table 5
3, 4	1'-5"	1'-11"	2'-1"	2'-4"	2'-3"
5	1'-9"	2'-5"	2'-7"	2'-11"	2'-10"
6	2'-1"	2'-11"	3'-1"	3'-6"	3'-4"
7	2'-9"	3'-10"	4'-2"	4'-8"	4'-6"
8	3'-8"	5'-1"	5'-5"	6'-2"	5'-10"
9	4'-7"	6'-5"	6'-10"	7'-9"	7'-5"

Table 1: Black bar, 0.8 Class C
Table 2: Black bar, Top bar lap, 0.8 Class C
Table 3: Epoxy bar, 0.8 Class C
Table 4: Epoxy bar, Top bar lap, 0.8 Class C
Table 5: Epoxy bar, Top bar lap, Class B

Threaded splicer bar length = min. lap length + 1½" + thread length

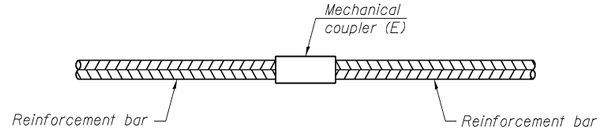
* Epoxy not required on Bar Splicer Assembly components used in conjunction with black bars.

Location	Bar size	No. assemblies required	Table for minimum lap length
Bridge Deck	#5	602	3
Diaphragms	#6	16	3
Top of Approach Slabs	#4	50	4
Bottom of Approach Slabs	#5	92	3
Approach Footings	#5	80	3
Abutments	#5	4	3



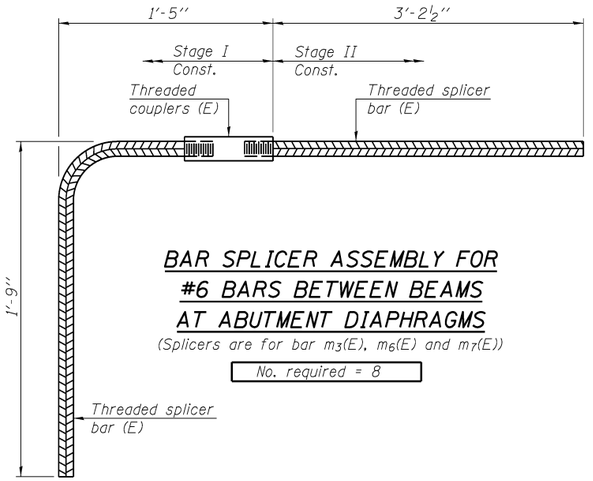
INSTALLATION AND SETTING METHODS

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



STANDARD MECHANICAL SPLICER

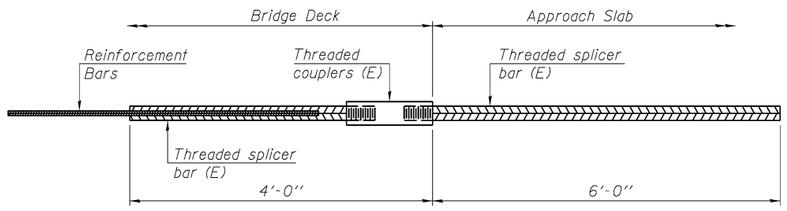
Location	Bar size	No. assemblies required



BAR SPLICER ASSEMBLY FOR #6 BARS BETWEEN BEAMS AT ABUTMENT DIAPHRAGMS

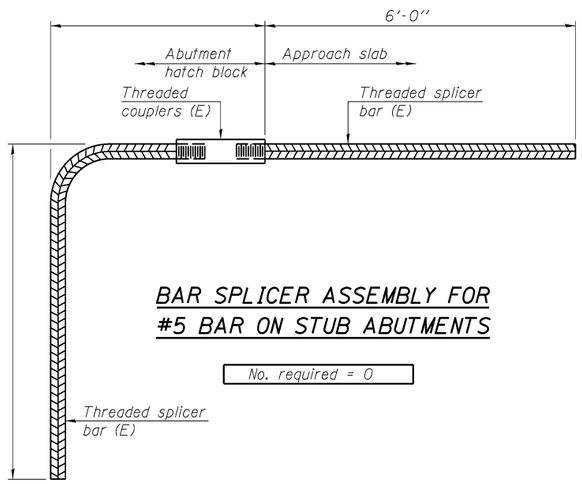
(Splicers are for bar $m_3(E)$, $m_6(E)$ and $m_7(E)$)

No. required = 8



BAR SPLICER ASSEMBLY FOR #5 BAR ON INTEGRAL OR SEMI-INTEGRAL ABUTMENTS

No. required = 64



BAR SPLICER ASSEMBLY FOR #5 BAR ON STUB ABUTMENTS

No. required = 0

NOTES

Splicer bars shall be deformed with threaded ends and have a minimum 60 ksi yield strength.

All reinforcement shall be lapped and tied to the splicer bars.

Bar splicer assemblies shall be epoxy coated according to the requirements for reinforcement bars. See Section 508 of the Standard Specifications.

See approved list of bar splicer assemblies and mechanical splicers for alternatives.

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PLOT DATE = 12-22-2011

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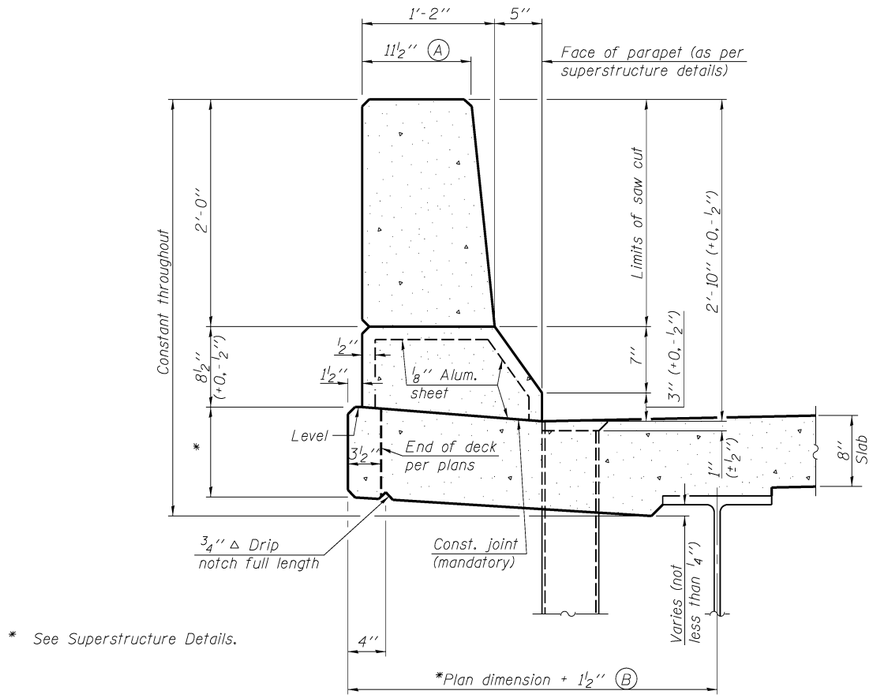
DRAWN - WJV | REVISED -
CHECKED - CJB | REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

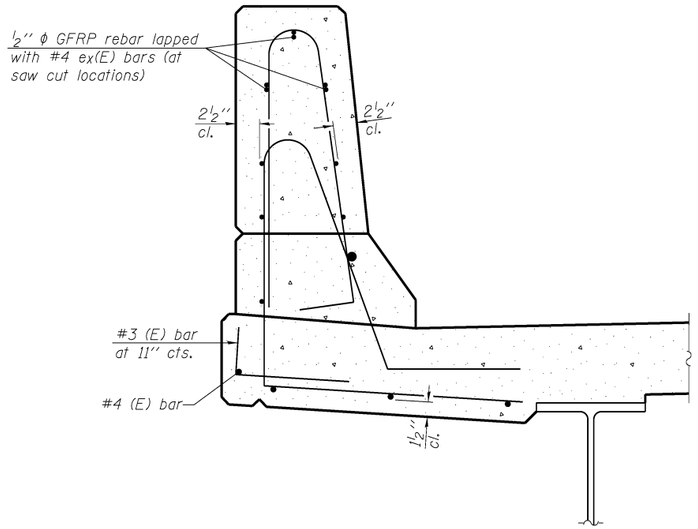
BAR SPLICER ASSEMBLY AND MECHANICAL SPLICER DETAILS
STRUCTURE NO. 026-0055
SHEET NO. 21 OF 24 SHEETS

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2720	(26-5,26-5-1,26-1-1)R	Fayette	92	88
		CONTRACT NO. 74469		
	ILLINOIS FED. AID PROJECT			



* See Superstructure Details.

SECTION
(Showing dimensions)



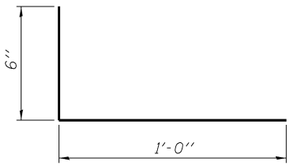
SECTION
(Showing reinforcement clearances for slip forming and additional reinforcement bars)

GENERAL NOTES

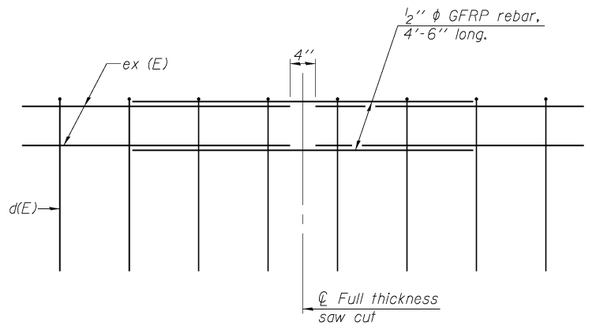
All dimensions shall remain the same as shown on superstructure details, except dimensions A and B which are to be revised as shown to provide additional clearance. Additional concrete needed to revise dimension A and B = 0.0165 cu. yds./ft. of parapet.

Place aluminum sheet in curb portion at and near piers. Full thickness saw cut at all joint locations in lieu of cork joint filler.

Steel superstructure shown. Other superstructure types similar.



#3 (E) BAR



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

SFP-34 7-1-10

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DEPARTMENT OF TRANSPORTATION

CONCRETE PARAPET SLIPFORMING OPTION
STRUCTURE NO. 026-0055
SHEET NO. 22 OF 24 SHEETS

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2720	(26-5,26-5-1,26-1-1)R	Fayette	92	89
		CONTRACT NO. 74469		
	ILLINOIS FED. AID PROJECT			

Illinois Department of Transportation
Division of Highways
ILLINOIS DOT

SOIL BORING LOG

Date 8/2/11

ROUTE FAI 70 (I 70) DESCRIPTION FAS 2720 (Interstate Drive) over I-70 at St. Elmo Interchange LOGGED BY E. Sandschafer

SECTION (26-5,26-5-1,25-1-1)R LOCATION NW 1/4, SEC. 34, TWP. 7 N, RNG. 3 E, 3 PM

COUNTY Fayette DRILLING METHOD Hollow stem auger & split spoon HAMMER TYPE Auto 140#

STRUCT. NO. 026-0055
Station 50+00

BORING NO. 1 (S Abut)
Station 48+56
Offset 7.0ft Lt
Ground Surface Elev. 634.79 ft

Surface Water Elev. N/A ft
Stream Bed Elev. N/A ft

Groundwater Elev.:
▽ First Encounter Dry ft
▼ Upon Completion Dry ft
▼ After 48 Hrs. 609.3 ft

	DEPTH (ft)	BLOWS /6"	UCS Qu (tsf)	MOIST (%)
2.5" asphalt on 11" concrete pavement.				
633.69				
Stiff, damp, gray, SILTY CLAY, embankment.		1		
		2	1.5	23
		2	B	
630.29				
Stiff, damp, gray marbled brown, CLAY, embankment.	-5	2		
		2	1.9	27
		3	B	
		2		
		3	1.1	22
		4	B	
	-10	1		
		3	1.2	20
Gray.		4	B	
		2		
		2	1.5	18
		4	B	
	-15	1		
		3	1.1	19
Gray.		3	B	
		1		
		3	1.5	23
		4	B	
614.79	-20	1		
Medium to stiff, damp, gray mottled brown, CLAY, embankment.		2	1.0	21
		2	B	
611.49				
Black, CINDERS w/ petroleum odor.		2		
610.29				
Very stiff, damp, gray, CLAY.	-25	3		
		5	2.4	25
		6	B	
607.79				
Medium, damp, reddish brown marbled gray, SILTY CLAY w/ trace Sand.		1		
		2	0.7	20
		3	B	
605.29				
Medium, damp, reddish brown marbled gray, CLAY.	-30	1		
		1	0.8	21
		2	B	
600.29				
Brown, SILTY LOAM.		3		
599.79	-35			
Very stiff, damp, brown & gray layers, SANDY CLAY LOAM TILL.		11	3.5	12
		18	B	
595.29				
	-40	30		

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer, E-Estimated)
Abbreviations W.O.H – Sampler Advanced By Weight of Hammer, W.O.P – Advanced by Weight of Pipe, B.S. – Before Seating
The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206) BBS, from 137 (Rev. 8-99)

Illinois Department of Transportation
Division of Highways
ILLINOIS DOT

SOIL BORING LOG

Date 8/2/11

ROUTE FAI 70 (I 70) DESCRIPTION FAS 2720 (Interstate Drive) over I-70 at St. Elmo Interchange LOGGED BY E. Sandschafer

SECTION (26-5,26-5-1,25-1-1)R LOCATION NW 1/4, SEC. 34, TWP. 7 N, RNG. 3 E, 3 PM

COUNTY Fayette DRILLING METHOD Hollow stem auger & split spoon HAMMER TYPE Auto 140#

STRUCT. NO. 026-0055
Station 50+00

BORING NO. 1 (S Abut)
Station 48+56
Offset 7.0ft Lt
Ground Surface Elev. 634.79 ft

Surface Water Elev. N/A ft
Stream Bed Elev. N/A ft

Groundwater Elev.:
▽ First Encounter Dry ft
▼ Upon Completion Dry ft
▼ After 48 Hrs. 609.3 ft

	DEPTH (ft)	BLOWS /6"	UCS Qu (tsf)	MOIST (%)
Very dense, damp, reddish brown, SANDY CLAY TILL. (continued)		43		12
593.99		50/3"		
Extent of exploration.				
Benchmark: CB-3 chiseled square on top bridge curb, SW corner of existing SN 026-0055 = 635.63' elevation.	-45			
	-50			
	-55			
	-60			

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer, E-Estimated)
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PLOT SCALE =	DRAWN - WJV	REVISED -	
PLOT DATE = 12-22-2011	CHECKED - CJB	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

BORING 1
STRUCTURE NO. 026-0055
SHEET NO. 23 OF 24 SHEETS

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2720	(26-5,26-5-1,26-1-1)R	Fayette	92	90
		CONTRACT NO. 74469		
	ILLINOIS FED. AID PROJECT			

Illinois Department of Transportation
Division of Highways
ILLINOIS DOT

SOIL BORING LOG

Date 8/3/11

ROUTE FAI 70 (I 70) DESCRIPTION FAS 2720 (Interstate Drive) over I-70 at St. Elmo Interchange LOGGED BY E. Sandschafer

SECTION (26-5,26-5-1,25-1-1)R LOCATION NW 1/4, SEC. 34, TWP. 7 N, RNG. 3 E, 3 PM

COUNTY Fayette DRILLING METHOD Hollow stem auger & split spoon HAMMER TYPE Auto 140#

STRUCT. NO. 026-0055
Station 50+00

BORING NO. 2 (N Abut)
Station 51+46
Offset 7.0ft Rt
Ground Surface Elev. 634.42 ft

Surface Water Elev. N/A ft
Stream Bed Elev. N/A ft

Groundwater Elev.:
▽ First Encounter Dry ft
▼ Upon Completion Dry ft
▼ After ____ Hrs. Filled ft

DEPTH (ft)	BLOWS /6"	UCS Qu (tsf)	MOIST (%)
2" asphalt on 10.5" concrete pavement. 633.32			
Medium to soft, damp, brown, CLAY, embankment.	0		
	0 2	0.8 B	20
-5	0		
Brown marbled gray.	1 1	0.4 B	21
Reddish brown marbled gray.	1		
	2 3	0.8 B	18
624.92			
-10 Stiff to medium, damp, reddish brown/gray/brown, CLAY, embankment.	2		
	2 5	1.5 B	18
	1		
	2 3	1.0 B	21
-15	1		
	2 3	0.6 B	20
	2		
	3 4	2.1 B	19
614.42 -20	2		
Stiff, damp, gray, CLAY, embankment.	2 2	1.3 B	20
612.42			
Medium to soft, damp, gray, SILTY CLAY.	8		
	4 5	0.5 B	23
609.92			
-25 Loose, damp, gray, SANDY CLAY w/ strong petroleum odor. Sample broken, unable to test for Qu.	3		
	4 5		17
607.42			
Stiff to medium, damp, gray/reddish brown/black/brown, CLAY.	1		
	3 4	1.7 B	23
-30	1		
	3 8	1.0 B	21
-35	1		
	1 2	1.0 B	21
594.92			
-40	10		

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer, E-Estimated)
Abbreviations W.O.H – Sampler Advanced By Weight of Hammer, W.O.P – Advanced by Weight of Pipe, B.S. – Before Seating
The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206) BBS, from 137 (Rev. 8-99)

Illinois Department of Transportation
Division of Highways
ILLINOIS DOT

SOIL BORING LOG

Date 8/3/11

ROUTE FAI 70 (I 70) DESCRIPTION FAS 2720 (Interstate Drive) over I-70 at St. Elmo Interchange LOGGED BY E. Sandschafer

SECTION (26-5,26-5-1,25-1-1)R LOCATION NW 1/4, SEC. 34, TWP. 7 N, RNG. 3 E, 3 PM

COUNTY Fayette DRILLING METHOD Hollow stem auger & split spoon HAMMER TYPE Auto 140#

STRUCT. NO. 026-0055
Station 50+00

BORING NO. 2 (N Abut)
Station 51+46
Offset 7.0ft Rt
Ground Surface Elev. 634.42 ft

Surface Water Elev. N/A ft
Stream Bed Elev. N/A ft

Groundwater Elev.:
▽ First Encounter Dry ft
▼ Upon Completion Dry ft
▼ After ____ Hrs. Filled ft

DEPTH (ft)	BLOWS /6"	UCS Qu (tsf)	MOIST (%)
Hard, damp, brown, SANDY CLAY TILL. (continued)	20 24	8.7 B	11
589.92			
-45 Hard, damp, brown, CLAY LOAM TILL.	8		
	16 50	6.9 B	14
588.42 Extent of exploration.			
Benchmark: CB-3 chiseled square on top bridge curb, SW corner of existing SN 026-0055 = 635.63' elevation.			
-50			
-55			
-60			

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer, E-Estimated)
Abbreviations W.O.H – Sampler Advanced By Weight of Hammer, W.O.P – Advanced by Weight of Pipe, B.S. – Before Seating
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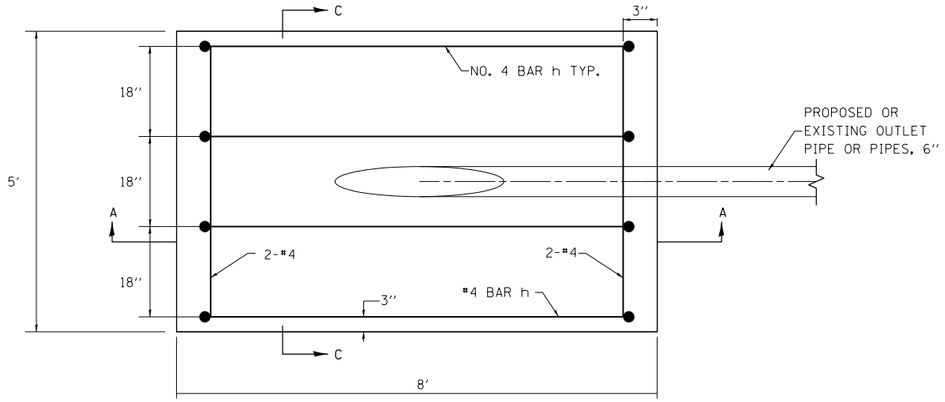
PLOT SCALE =	DRAWN - WJV	REVISED -
PLOT DATE = 12-22-2011	CHECKED - CJB	REVISED -

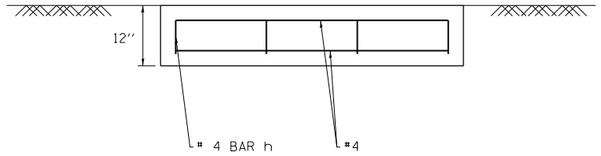
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

BORING II
STRUCTURE NO. 026-0055
SHEET NO. 24 OF 24 SHEETS

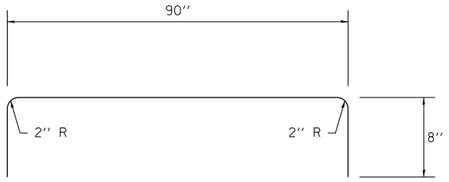
F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2720	(26-5,26-5-1,26-1-1)R	Fayette	92	91
		CONTRACT NO. 74469		
	ILLINOIS FED. AID PROJECT			



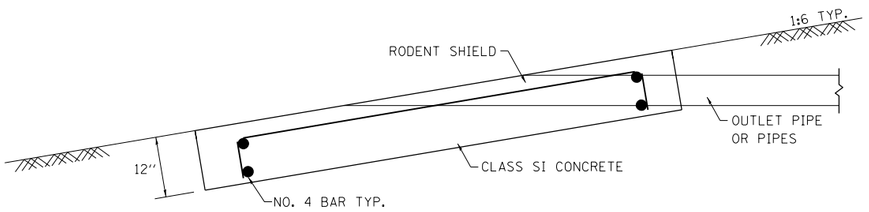
PLAN VIEW



SECTION C-C



#4 h BAR



SECTION A-A

NOTES

See Standard 601101 for details of rodent shields.

The outlet pipe or pipes shall be located as close as possible to the center of the outlet protector.

The last 10' of outlet pipe shall be schedule 40 PVC.

The rebars may be cut or relocated to accomodate pipe.

Cut outlet pipe on a bevel to match finished surface of surrounding PCC.

Seeding Class 2 shall be considered included in the cost of the pay items.

APPROXIMATE OUTLET PROTECTOR QUANTITIES FOR EACH OUTLET PROTECTOR	
CONCRETE, CLASS SI	REINFORCING STEEL
CU YD 1.5	LB 35.6

• EFFINGHAM & FAYETTE

FILE NAME = c:\pw_work\pwidot\swartzrw\d0186577\D774469-sht-details.dgn	USER NAME = swartzrw	DESIGNED -	REVISED -
		DRAWN -	REVISED -
	PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -
	PLOT DATE = 6/5/2014	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

OUTLET PROTECTOR DETAILS

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
70	(26-5,26-5-1,25-1-1)R	•	92	92

CONTRACT NO. 74469

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