

ROUTE NO.	SECTION	COUNTY	SHEET NO.	TOTAL SHEETS
KICKAPOO TRAIL	08-F3000-01-BT	VERMILION	1	87
STA.		TO STA.		
F.H.M.A. REG.		ILLINOIS PROJECT		

04-27-2018 LETTING ITEM 204

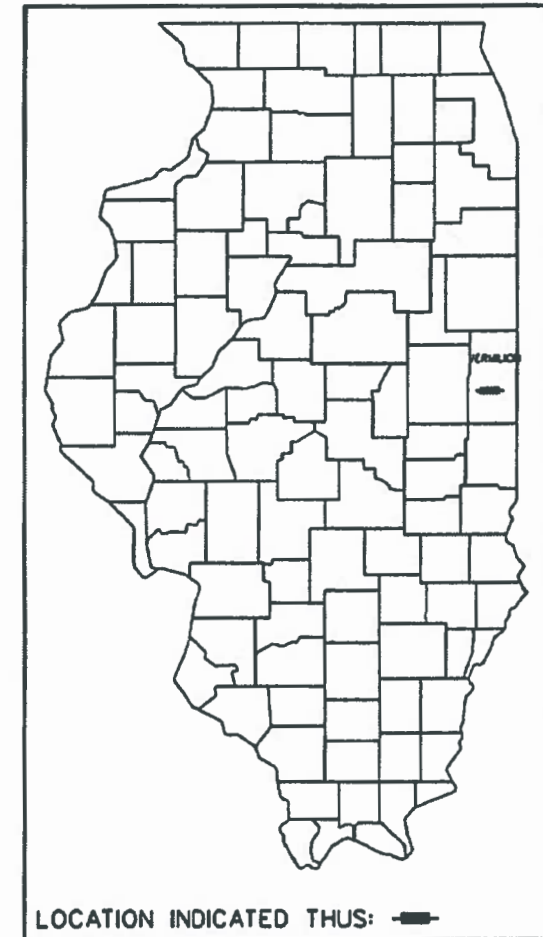
INDEX OF SHEETS

SEE SHEET 2 FOR INDEX OF SHEETS

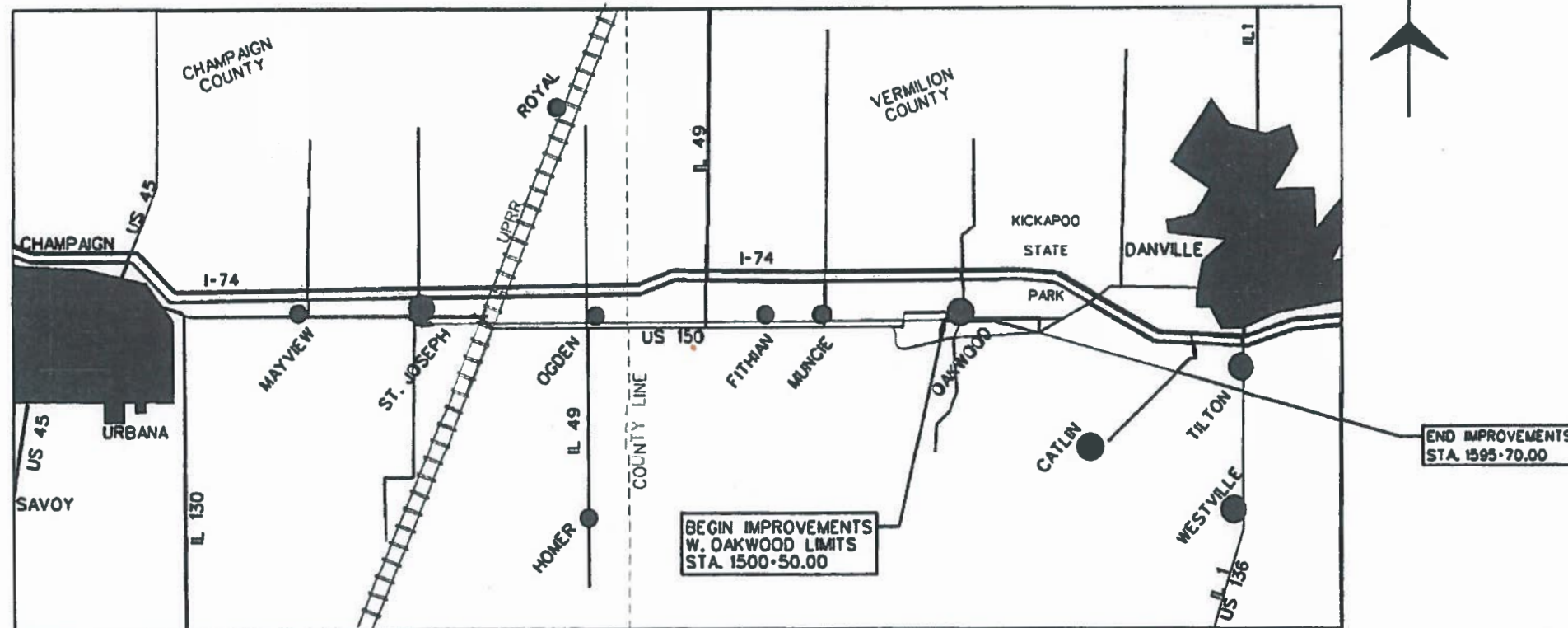
STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION PLANS FOR CONSTRUCTION KICKAPOO TRAIL

OAKWOOD TO IDNR BOUNDARY
VERMILION COUNTY
CONSERVATION DISTRICT
SECTION 08-F3000-01-BT
PROJECT TE-00D5(108)
JOB C-95-340-13
ITEP #520004

ILLINOIS DEPT. OF TRANSPORTATION
STANDARD DRAWINGS
SEE SHEET 2 FOR LIST OF STANDARDS



LOCATION INDICATED THUS:



LOCATION MAP
NOT TO SCALE

NET LENGTH OF SECTION - 9,520 FEET - 1.8 MILES

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

Keith E. Brandau 2/21/18
KEITH E. BRANDAU
ILLINOIS LICENSED PROFESSIONAL ENGINEER NO. 062-044096
LICENSE EXPIRES 11-30-19



APPROVED 2-9-2018
Kenneth F. Kowalski
DIRECTOR, VERMILION COUNTY CONSERVATION DISTRICT

PASSED FEBRUARY 21, 2018
[Signature]
DISTRICT FIVE ENGINEER OF LOCAL ROADS & STREETS

Released For Bid Based on Limited Review February 21, 2018
[Signature]
REGION THREE ENGINEER

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION



ROUTE NO.	SECTION	COUNTY	SHEET NO.	TOTAL SHEETS
KICKAPOO TRAIL	08-F3000-01-BT	VERMILION	2	87
STA.		TO STA.		
F.H.W.A. REG.		ILLINOIS PROJECT		

INDEX OF SHEETS

<u>SHEET NO.</u>	<u>DESCRIPTION</u>
1	COVER SHEET
2	INDEX AND HIGHWAY STANDARDS
3	GENERAL NOTES AND LEGEND
4	SUMMARY OF QUANTITIES
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ILLINOIS DEPT. OF TRANSPORTATION STANDARD DRAWINGS

<u>STANDARD NO.</u>	<u>DESCRIPTION</u>
000001-06	STANDARD SYMBOLS, ABBREVIATIONS, AND PATTERNS
001001-02	AREAS OF REINFORCEMENT BARS
001006	DECIMAL OF AN INCH AND OF A FOOT
280001-07	TEMPORARY EROSION CONTROL SYSTEMS
542301-03	PRECAST REINFORCED CONCRETE FLARED END SECTION
542401-03	METAL FLARED END SECTION FOR PIPE CULVERTS
542406-03	METAL FLARED END SECTION FOR PIPE ARCHES
606001-07	CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
701001-02	OFF-RD OPERATIONS, 2L, 2W, MORE THAN 15' AWAY
701006-05	OFF-RD OPERATIONS, 2L, 2W, 15' TO 24" AWAY
701301-04	LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
701901-07	TRAFFIC CONTROL DEVICES
720001-01	SIGN PANEL MOUNTING DETAILS
720006-04	SIGN PANEL ERECTION DETAILS
720011-01	METAL POSTS FOR SIGNS, MARKERS & DELINEATORS

GENERAL NOTES

ROUTE NO.	SECTION	COUNTY	SHEET NO.	TOTAL SHEETS
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ALL ELEVATIONS SHOWN ARE REFERRED TO THE U.S.G.S. DATUM NAVD 1988.

WHEREVER IN THE PLANS OR SPECIFICATIONS THE TERM STANDARD SPECIFICATIONS IS USED, IT SHALL BE UNDERSTOOD BY THE CONTRACTOR TO MEAN THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION AS PREPARED BY THE DEPARTMENT OF TRANSPORTATION OF THE STATE OF ILLINOIS AND ADOPTED APRIL 1, 2016.

ANY REFERENCE STANDARDS THROUGHOUT THE PLANS SHALL BE INTERPRETED TO BE THE LATEST STANDARDS OF THE DEPARTMENT.

ENGLISH UNITS OF MEASUREMENT SHALL GOVERN OVER AND SUPERSEDE ANY METRIC UNITS SHOWN IN THIS CONTRACT. WHERE INCLUDED, METRIC UNITS ARE FOR INFORMATION ONLY.

THE CONTRACTOR SHALL NOT BEGIN ANY CONSTRUCTION OPERATIONS UNTIL ALL SURVEY MONUMENTS HAVE BEEN SUFFICIENTLY WITNESSED OR REFERENCED BY THE ENGINEER. THE CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONS TO PRESERVE AND NOT DISTURB THE EXISTING IRON PIPE MONUMENTS OR RIGHT-OF-WAY MARKERS. ANY IRON PIPE MONUMENTS OR RIGHT-OF-WAY MARKERS SO DISTURBED BY THE CONTRACTOR SHALL BE RESET BY A LICENSED ILLINOIS LAND SURVEYOR. THE COST FOR RESETTING THESE MONUMENTS SHALL BE PAID FOR BY THE CONTRACTOR.

UTILITIES - THESE DRAWINGS ILLUSTRATE THE APPROXIMATE LOCATION OF ALL KNOWN UNDERGROUND UTILITIES. THE CONTRACTOR MAY EXPECT TO FIND SUCH UTILITIES WITHIN APPROXIMATELY FIVE FEET OF THE POSITION INDICATED ON THE DRAWINGS. BUT IN EVERY CASE THE CONTRACTOR SHALL LOCATE AND UNCOVER SUCH UTILITIES, WITH THE ASSISTANCE OF THE RESPECTIVE UTILITY COMPANIES, BEFORE ANY EXCAVATION IS STARTED.

CALL J.U.L.I.E. 1-800-892-0123 FOR UNDERGROUND UTILITY LOCATION MARKING PRIOR TO START OF CONSTRUCTION.

UTILITY COMPANIES MAY BE ADJUSTING THEIR FACILITIES AT THE TIME OF CONSTRUCTION OF THIS PROJECT. THE CONTRACTOR SHALL COOPERATE WITH THOSE ORGANIZATIONS WHILE THEY PERFORM THEIR WORK.

DURING CONSTRUCTION THE CONTRACTOR MAY ENCOUNTER VARIOUS TYPES OF UNDERGROUND UTILITIES THAT MAY NOT BE SHOWN ON THE PLANS. THE CONTRACTOR SHALL COOPERATE WITH THE ENGINEER AND THE OWNER OF THE UTILITY WHILE THE UTILITY COMPANY ADJUST THEIR FACILITIES IF NECESSARY. IF IT IS DETERMINED THAT THE UTILITY HAS BEEN ABANDONED, THE CONTRACTOR WILL BE DIRECTED TO REMOVE THE UTILITY LINES THAT CONFLICT WITH HIS WORK AND CAP OR PLUG THE LINES AS DIRECTED BY THE ENGINEER. THIS WORK WILL NOT BE PAID FOR SEPARATELY AND WILL BE CONSIDERED AS INCLUDED.

THE CONTRACTOR SHALL NOTIFY ALL UTILITY COMPANIES 48 HOURS PRIOR TO EXCAVATION OPERATIONS.

THE EXISTING TRAFFIC SIGNS AND DELINEATORS WHICH INTERFERE WITH THE CONSTRUCTION OPERATIONS SHALL BE REMOVED AND RESET AS DIRECTED BY THE ENGINEER. THE COST FOR DOING THIS WORK WILL BE CONSIDERED INCLUDED IN THE CONTRACT AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

CONTRACTOR SHALL CAREFULLY PROTECT ANY TREES OR SHRUBS NOT INCLUDED IN THE CONTRACT FOR REMOVAL. SNOW FENCE SHALL BE ERECTED TWO FEET FROM TREES AND SHRUBS TO REMAIN, THAT ARE IMMEDIATELY ADJACENT TO THE WORK, FOR PROTECTION DURING CLEARING AND CONSTRUCTION OPERATIONS. COST OF THIS WORK SHALL BE CONSIDERED AS INCLUDED AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED. ANY TREES DISTURBED OR DAMAGED SHALL BE REPLACED AT THE CONTRACTOR'S EXPENSE.

SHRUBS, BUSHES, AND STUMPS THAT INTERFERE WITH THE CONSTRUCTION OPERATIONS SHALL BE REMOVED AS SHOWN IN THE PLANS AND AS DIRECTED BY THE ENGINEER. COST OF REMOVAL OF SHRUBS, BUSHES, OR STUMPS SHALL BE INCLUDED IN THE ITEM TREE REMOVAL ACRES, AS SHOWN ON THE REMOVAL PLANS.

THE EXCAVATION FOR THIS PROJECT IS CLASSIFIED AS EARTH, FURNISHED AND TOPSOIL EXCAVATION (AND PLACEMENT) IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS AND AS PROVIDED IN THE CONTRACT SPECIFICATIONS. THE EARTH EXCAVATION SHALL INCLUDE THE REMOVAL OF THE EARTH AND UNCLASSIFIED MATERIALS.

THE CONTRACTOR SHALL STOCKPILE ALL TOPSOIL REMOVED FROM THE PROJECT TO BE INCORPORATED IN THE FINAL PROJECT. FINAL PROJECT SHALL HAVE A MINIMUM 4" THICKNESS OF TOPSOIL SPREAD UNIFORMLY ON ALL PROPOSED SEEDING/SODDING AREAS.

GRADING SHALL BE DONE BY HAND AROUND LIGHT POLES, UTILITY POLES, SIGN POSTS, SHRUBS, TREES AND OTHER NATURAL OR MAN-MADE OBJECTS WHERE SHALLOW FILLS OR CUTS ARE ADJACENT TO THESE ITEMS. IT IS THE INTENT THAT ITEMS THAT DO NOT NEED TO BE DISTURBED BY THE CONSTRUCTION SHALL BE PRESERVED. THE DECISION AS TO ITEMS TO REMAIN IN PLACE SHALL BE AS DIRECTED BY THE ENGINEER. THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED INCLUDED IN THE CONTRACT UNIT PRICE PER CUBIC YARD OF EARTH EXCAVATION AND NO ADDITIONAL COMPENSATION SHALL BE ALLOWED.

ALL DEBRIS AND EXCESS MATERIAL (BROKEN CONCRETE, PIPES, WASTE EXCAVATION, ETC.) SHALL BE DISPOSED OF OUTSIDE THE LIMITS OF THE RIGHT-OF-WAY IN ACCORDANCE WITH ARTICLE 202.03 OF THE STANDARD SPECIFICATIONS.

ALL TRENCHES BELOW OR WITHIN TWO FEET OF THE PROPOSED PAVEMENT, OR DRIVEWAY SHALL BE BACKFILLED WITH TRENCH BACKFILL IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS.

SEEDING SHALL BE DONE AT LOCATIONS SHOWN ON THE PLANS WHERE THE EXISTING EARTH HAS BEEN DISTURBED, AND AT LOCATIONS DIRECTED BY THE ENGINEER. ANY EXISTING AREAS OUTSIDE THE LIMITS OF CONSTRUCTION DAMAGED BY THE CONTRACTOR SHALL BE SEEDDED AT HIS OWN EXPENSE AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

SPECIAL ATTENTION IS CALLED TO ARTICLE 250.07 REGARDING SEEDING DATES.

A N.P.D.E.S. PERMIT WILL BE REQUIRED FOR THIS PROJECT FOR EROSION AND SEDIMENT CONTROL TO SATISFY THIS REQUIREMENT THE CONTRACTOR WILL BE REQUIRED TO PROVIDE INLET AND PIPE PROTECTION AS SHOWN ON STANDARD 280001 AT LOCATIONS AS DIRECTED BY THE ENGINEER. AN ESTIMATED QUANTITY FOR INLET AND PIPE PROTECTION HAS BEEN INCLUDED IN THE PROJECT AND MAY BE ADJUSTED AS DIRECTED BY THE ENGINEER.

THE MATERIAL OF THE PIPE CULVERT END SECTIONS SHALL MATCH THE MATERIAL OF THE PIPE CULVERT ON WHICH THEY ARE TO BE INSTALLED.

BEFORE ORDERING PIPE CULVERTS, THE CONTRACTOR SHALL CONSULT WITH THE ENGINEER AS TO THE EXACT LENGTH AND QUANTITY REQUIRED.

ALL DRAINAGE STRUCTURES, STORM SEWERS AND PIPE CULVERTS TO BE REMOVED SHALL BECOME THE PROPERTY OF THE CONTRACTOR.

THE LIMITS OF CONSTRUCTION AS SHOWN ARE TO THE LIMITS OF EMBANKMENT OR EXCAVATION AS DETERMINED FROM THE CROSS SECTIONS, OR TO A MINIMUM OF 5' FROM THE EDGE OF SHOULDER, WHICHEVER IS GREATER. QUANTITIES FOR TREE REMOVAL AND SEEDING WERE MEASURED USING THE LIMITS OF CONSTRUCTION AS HEREIN DESCRIBED.

THE CONTRACTOR SHALL NOT BEGIN ANY CONSTRUCTION OPERATIONS UNTIL ALL SURVEY MONUMENTS HAVE BEEN SUFFICIENTLY WITNESSED OR REFERENCED BY THE ENGINEER. THE CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONS TO PRESERVE AND NOT DISTURB THE EXISTING IRON PIPE MONUMENTS OR RIGHT-OF-WAY MARKERS. ANY IRON PIPE MONUMENTS OR RIGHT-OF-WAY MARKERS SO DISTURBED BY THE CONTRACTOR SHALL BE RESET BY A REGISTERED ILLINOIS LAND SURVEYOR. THE COST FOR RESETTING THESE MONUMENTS SHALL BE PAID FOR BY THE CONTRACTOR.

LEGEND

EXISTING		EXISTING	
— W —	WATER MAIN	☒	GAS METER
— G —	GAS MAIN	☒	WATER METER
— E —	ELECTRICAL LINE	☒	UTILITY WARNING SIGN
— OH-E —	OVERHEAD ELECTRIC LINE	☒	DRAINAGE MARKER
— T —	TELEPHONE LINE	☒	TRAVERSE STATION
— C-TV —	CABLE TV	⊙	SOIL BORE
— WS —	WATER SERVICE	⊙	SURVEY POINT
— GS —	GAS SERVICE	⊙	MONUMENT
—) —	SANITARY SEWER	⊙	IRON PIPE MONUMENT
—) —	STORM SEWER	— — — — —	RIGHT OF WAY LINE
⊙	CATCH BASIN OR INLET	☒	RIGHT OF WAY MARKER
⊙	MANHOLE	☒	TRAFFIC SIGNAL CONTROL
⊙	TELEPHONE MANHOLE	☒	TRAFFIC SIGNAL
⊙	WATER MANHOLE	☒	MAST ARM SIGNAL
⊙	FIRE HYDRANT	⊙	JUNCTION BOX
⊙	WATER SHUTOFF	⊙	STREET SIGN
⊙	VALVE	⊙	TRAFFIC SIGN
⊙	VALVE VAULT	⊙	DELINEATOR
⊙	TANK FILLER CAP	⊙	MAILBOX
⊙	INSPECTION WELL	⊙	ORNAMENTAL LIGHT
⊙	VENT PIPE	⊙	FLAG POLE
⊙	TELEPHONE POLE	⊙	GUARD POST OR BOLLARD
⊙	POWER POLE	⊙	PILLAR
⊙	POWER & LIGHT POLE	⊙	GATE POST
⊙	POLE WITH TRANSFORMER	⊙	FENCE POST
⊙	STREET LIGHT	⊙	FENCE LINE
⊙	GUY WIRE	⊙	GUARDRAIL
⊙	GUY POLE	⊙	STUMP
⊙	POLE W/METER	⊙	BUSH
⊙	HAND HOLE	⊙	CONIFEROUS TREE
⊙	TELEPHONE PEDESTAL	⊙	DECIDUOUS TREE
⊙	CABLE TV PEDESTAL	⊙	TREE LINE
⊙	ELECTRICAL PEDESTAL		
⊙	ELECTRICAL METER		
⊙	EXISTING CULVERTS		
⊙	DITCH LINE		
PROPOSED		PROPOSED	
▨	HMA PAVEMENT	▨	PERIMETER EROSION BARRIER
▩	CONCRETE PAVEMENT	▨	SEEDING, CLASS 2 MULCH METHOD 2
▧	TREE REMOVAL (ACRES)	▨	SEEDING, CLASS 4
(R)	TREE REMOVAL (UNITS)	☒	INLET AND PIPE PROTECTION
P&P	PRESERVE & PROTECT TREE(S)	☒	TEMPORARY DITCH CHECK
---	CONSTRUCTION LIMIT		

THE FOLLOWING MIXTURE REQUIREMENTS ARE APPLICABLE FOR THIS PROJECT.

HMA MIXTURE REQUIREMENTS:

LOCATION	BIKE PATH (NEAR ROAD CROSSINGS)
MIXTURE USE(S):	TWO 1 1/2" SURFACE LIFTS
AC/PG:	PG 64-22
DESIGN AIR VOIDS:	4.0% @ N = 50 DES
MIXTURE COMP (GRADATION)	IL-9.5
FRICTION AGGREGATE:	MIX C
MIXTURE WEIGHT	112
QUALITY MANAGEMENT PROGRAM	QC/QA
SUBLOT SIZE	N.A.

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SUMMARY OF QUANTITIES

ITEM	ITEM NAME	UNIT	QUANTITY
20100210	TREE REMOVAL (OVER 15 UNITS DIAMETER)	UNIT	31
20100500	TREE REMOVAL, ACRES	ACRE	1.00
20400800	FURNISHED EXCAVATION	CU YD	4766
25000200	SEEDING, CLASS 2	ACRE	1.25
25000310	SEEDING, CLASS 4	ACRE	0.25
25000400	NITROGEN FERTILIZER NUTRIENT	POUND	104
25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	104
25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	104
25100115	MULCH METHOD 2	ACRE	3.75
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	115
28000305	TEMPORARY DITCH CHECKS	FOOT	12
28000400	PERIMETER EROSION BARRIER	FOOT	4864
28000500	INLET AND PIPE PROTECTION	EACH	4
35101800	AGGREGATE BASE COURSE, TYPE B, 6"	SQ YD	859
35102100	AGGREGATE BASE COURSE, TYPE B, 9"	SQ YD	9530
40600275	BITUMINOUS MATERIALS (PRIME COAT)	POUND	1933
* 40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	193
* 40603310	HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50	TON	144
* 42400300	PCC SIDEWALK 6"	SQ FT	329
42400800	DETECTABLE WARNINGS	SQ FT	216
44000100	PAVEMENT REMOVAL	SQ YD	145
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	67
44000600	SIDEWALK REMOVAL	SQ FT	184
48102100	AGG WEDGE SHLD TYPE B	TON	312
50104400	CONCRETE HEADWALL REMOVAL	EACH	2
50105220	PIPE CULVERT REMOVAL	FOOT	26

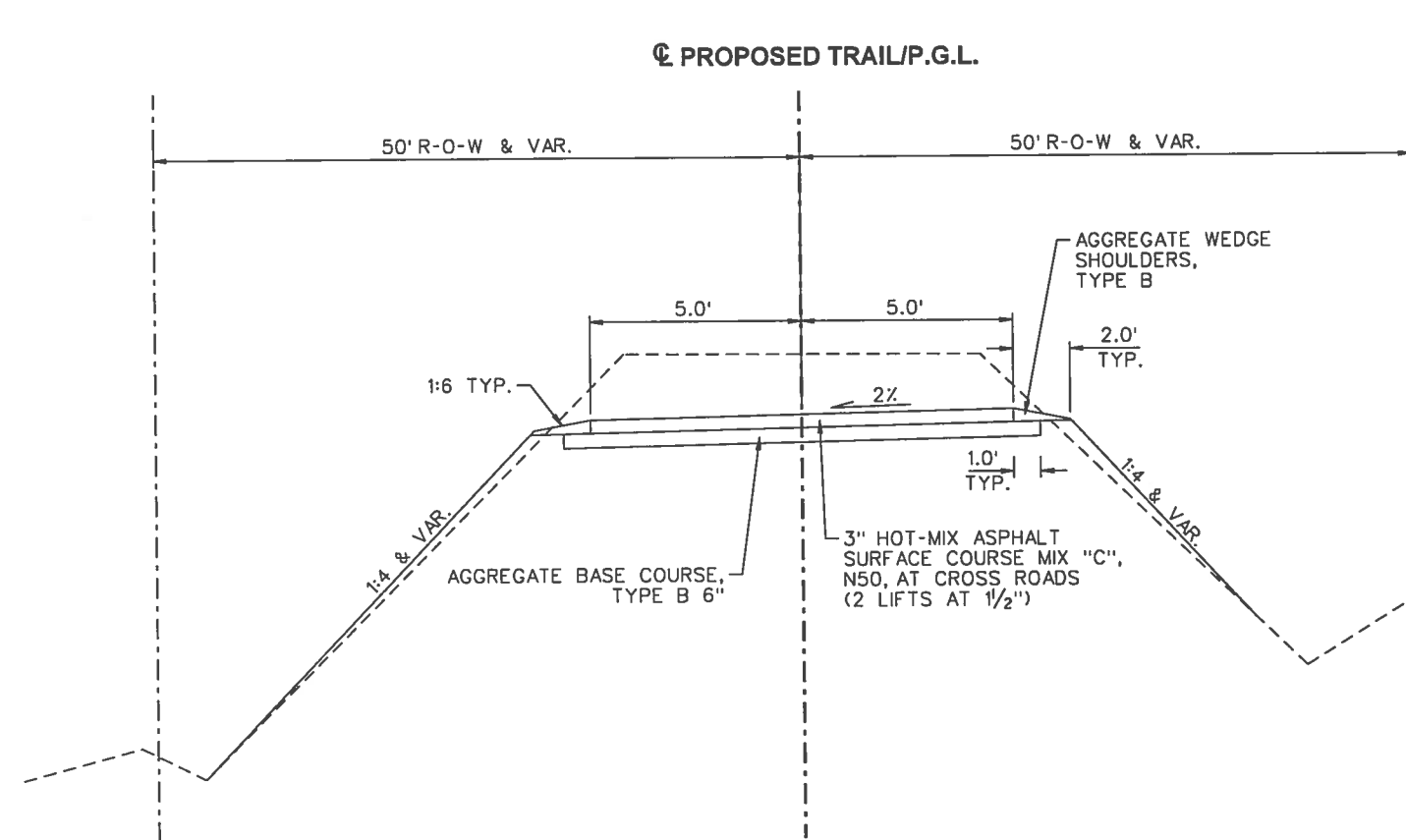
* SEE SPECIAL PROVISIONS

ITEM	ITEM NAME	UNIT	QUANTITY
542D0217	PIPE CULV., CLASS D, TYPE 1 12"	FOOT	28
542D0229	PIPE CULV., CLASS D, TYPE 1 24"	FOOT	49
* 54213447	END SECTIONS, 12"	EACH	2
* 54213459	END SECTIONS, 24"	EACH	1
66300105	CALCIUM CHLORIDE APPLIED	TON	5.7
* Δ 66900200	NON-SPECIAL WASTE DISPOSAL	CU YD	1,283
* Δ 66900450	SPECIAL WASTE PLANS AND REPORTS	L SUM	1
* Δ 66900530	SOIL DISPOSAL ANALYSIS	EACH	1
67100100	MOBILIZATION	L SUM	1
Δ 72000100	SIGN PANEL - TYPE 1	SQ FT	214
Δ 72900100	METAL POST - TYPE A	FOOT	570
Δ 78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	193
Δ 78001150	PAINT PAVEMENT MARKING - LINE 12"	FOOT	140
* X0350805	FOLD DOWN BOLLARDS	EACH	12
* X2501810	SEEDING, CLASS 5 (SPECIAL)	ACRE	2.25
* X6061700	COMB. CONCRETE CURB AND GUTTER, TYPE B (SPC)	FOOT	67
* X7010216	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	L SUM	1
* Z0013798	CONSTRUCTION LAYOUT	L SUM	1
* Δ XX000882	WOOD FENCE	FOOT	1,064
* XX002007	AGGREGATE BICYCLE PATH	SQ YD	9,530
##* Z0076600	TRAINVEES	HOURL	500
##* Z0076604	TRAINVEES TRAINING PROGRAM GRADUATE	HOURL	500

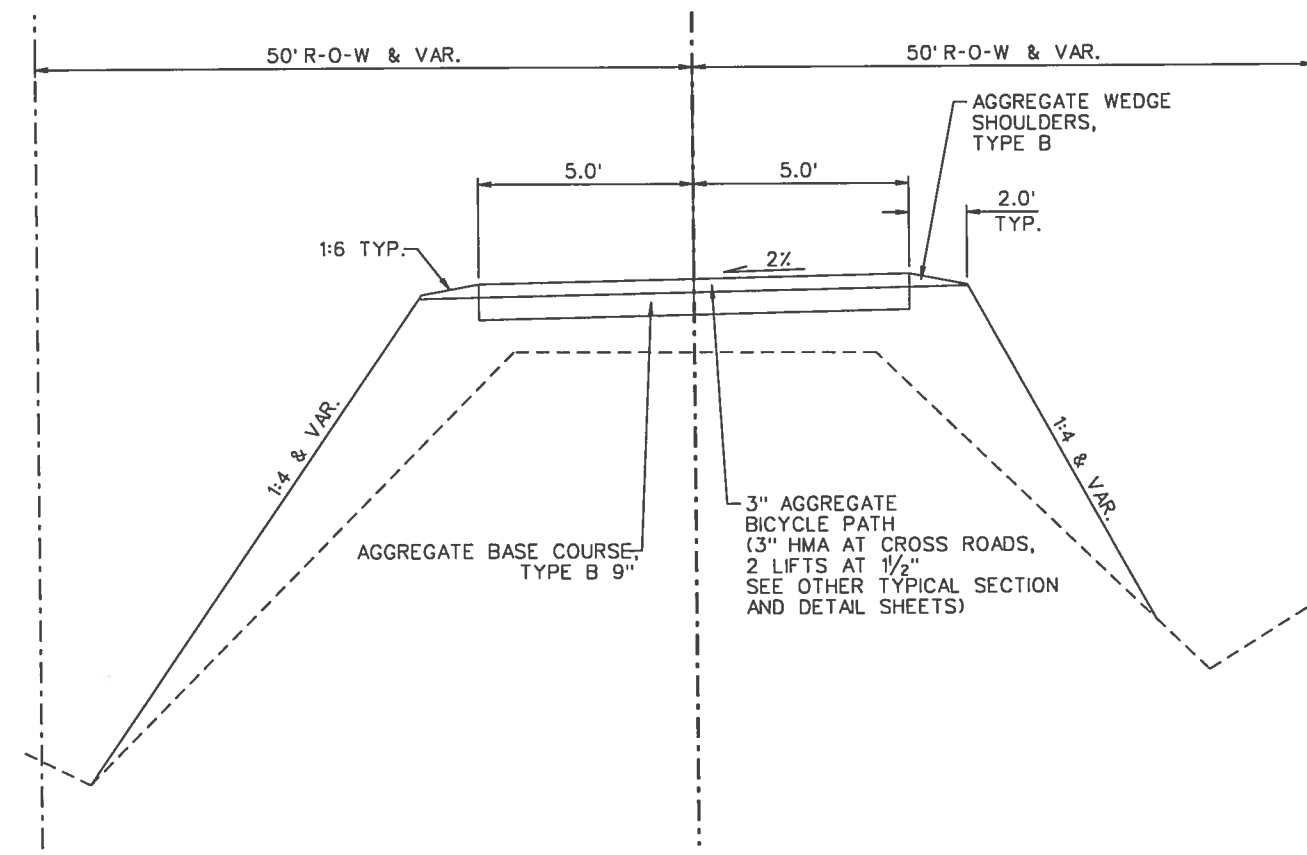
* SEE SPECIAL PROVISIONS Δ SPECIALTY ITEMS #0042

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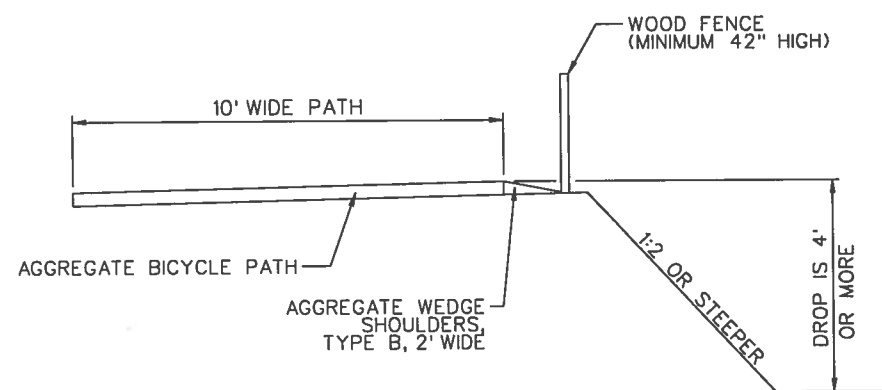
☉ PROPOSED TRAIL/P.G.L.



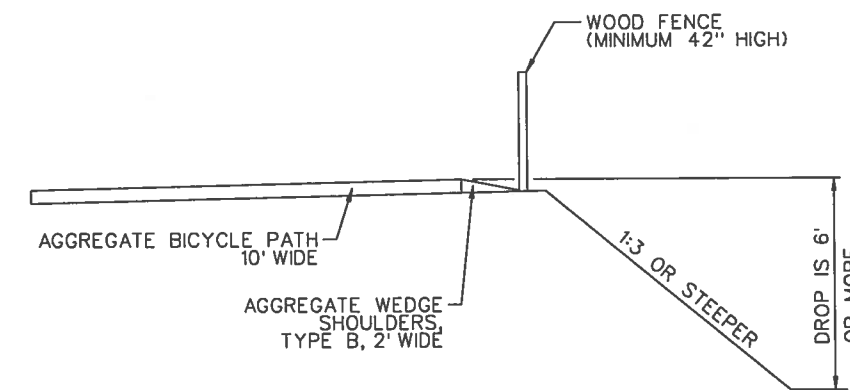
HOT-MIX ASPHALT BIKE PATH TYPICAL SECTION
NOT TO SCALE



AGGREGATE BIKE PATH TYPICAL SECTION
NOT TO SCALE



TYPICAL FENCE SECTION
NOT TO SCALE
NOTE: WHEN FORESLOPE IS 1:2 OR STEEPER AND VERTICAL DROP IS 4' OR MORE.



TYPICAL FENCE SECTION
NOT TO SCALE
NOTE: WHEN FORESLOPE IS 1:3 OR STEEPER AND VERTICAL DROP IS 6' OR MORE.

SCHEDULE OF QUANTITIES

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EARTHWORK SCHEDULE				
LOCATION	STATION	TO STATION	66900200	20400800
			NON-SPECIAL WASTE DISPOSAL CU YD	FURNISHED EXCAVATION CU YD
BEGINNING TO SEYMOUR ROAD	1500+00	1507+75	331	453
SEYMOUR ROAD TO OAKWOOD STREET	1507+75	1511+50	54	45
OAKWOOD STREET TO OLMSTEAD STREET	1511+50	1519+15	273	62
OLMSTEAD STREET TO HARRISON STREET	1519+15	1522+90	21	149
HARRISON STREET TO CR 900 E	1522+90	1538+50	36	1,497
CR 900 E TO CR 1000 E	1538+50	1581+15	270	1,854
CR 1000 E TO IDNR BOUNDARY	1581+15	1595+70	299	705
PROJECT TOTAL			1,283	4,766

NON-HAZARDOUS SPECIAL WASTE IS ALL EXCAVATION.

FURNISHED EXCAVATION INCLUDES MINIMUM DEPTH OF TOPSOIL PLACEMENT OF 3".

25% SHRINKAGE FACTOR

20100500 - TREE REMOVAL, ACRES			
STATION TO STATION			ACRES
RT	1527+25	1531+00	0.21
RT	1532+32	1534+57	0.05
LT	1547+50	1556+31	0.08
RT	1554+92	1565+84	0.07
LT	1568+24	1571+47	0.01
LT	1576+17	1580+83	0.06
LT	1581+42	1583+01	0.00
LT	1585+49	1591+81	0.05
RT	1581+57	1595+70	0.28
TOTAL			1.00

20100210 - TREE REMOVAL (OVER 15 UNITS DIAMETER)		
LOCATION	UNIT	
RT	1566+21	16
RT	1593+50	15
TOTAL		31

44000100 - PAVEMENT REMOVAL		
STATION	SQ YD	
RT	1511+27	18.0
RT	1511+87	15.0
LT	1515+25	112.0
TOTAL		145.0

44000600 - SIDEWALK REMOVAL		
STATION	SQ FT	
	1511+27	99.0
	1511+87	85.0
TOTAL		184.0

44000500 COMBINATION CURB AND GUTTER REMOVAL and X6061700 COMBINATION CONCRETE CURB AND GUTTER, TYPE B (SPECIAL)		
STATION	FOOT	
	1511+37	34.0
	1511+81	33.0
TOTAL		67.0

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SCHEDULE OF QUANTITIES

LOCATION		TO LOCATION	25000200 - SEEDING, CLASS 2	25100115 - MULCH METHOD 2	25000400 - NITROGEN FERTILIZER NUTRIENT	25000310 - SEEDING, CLASS 4	X2501810 - SEEDING, CLASS 5 (SPECIAL)	28000250 - TEMPORARY EROSION CONTROL SEEDING
			ACRE	ACRE	POUND	ACRE	ACRE	POUND
RT	1500+50.00	1507+64.00	0.12	0.12	10.8			12.0
LT	1500+50.00	1507+60.00	0.39	0.39	35.1			39.0
RT	1507+79.00	1511+27.00	0.02	0.02	1.8			2.0
LT	1507+79.00	1511+27.00	0.02	0.02	1.8			2.0
RT	1511+31.00	1511+37.00	0.00	0.00	0.0			0.0
LT	1511+31.00	1511+36.00	0.00	0.00	0.0			0.0
RT	1511+82.00	1511+87.00	0.00	0.00	0.0			0.0
LT	1511+82.00	1511+87.00	0.00	0.00	0.0			0.0
RT	1511+91.00	1515+58.00	0.26	0.26	23.4			26.0
LT	1511+91.00	1515+67.00	0.03	0.03	2.7			3.0
RT	1515+64.00	1518+81.00	0.03	0.03	2.7			3.0
LT	1515+69.00	1518+80.00	0.08	0.08	7.2			8.0
RT	1518+86.00	1519+01.00	0.00	0.00	0.0			0.0
LT	1518+85.00	1519+01.00	0.00	0.00	0.0			0.0
RT	1519+28.00	1522+79.00	0.15	0.15	13.5			15.0
LT	1519+27.00	1522+82.00	0.03	0.03	2.7			3.0
RT	1522+97.00	1523+63.00	0.01	0.01	0.9			1.0
LT	1523+00.00	1523+63.00	0.01	0.01	0.9			1.0
RT	1523+63.00	1531+00.00		0.16			0.16	
LT	1523+63.00	1531+00.00		0.18			0.18	
RT	1531+00.00	1537+74.00		0.18			0.18	
LT	1531+00.00	1537+74.00		0.12			0.12	
RT	1537+74.00	1538+41.00		0.02		0.02		
LT	1537+74.00	1538+42.00		0.02		0.02		
RT	1538+68.00	1539+35.00		0.02		0.02		
LT	1538+66.00	1539+35.00		0.02		0.02		
RT	1539+35.00	1580+41.00		0.55			0.55	
LT	1539+35.00	1580+41.00		0.52			0.52	
RT	1580+41.00	1581+09.00		0.00		0.00		
LT	1580+41.00	1581+04.00		0.00		0.00		
RT	1581+29.00	1581+91.00		0.01		0.01		
LT	1581+24.00	1581+91.00		0.00		0.00		
RT	1581+91.00	1595+70.00		0.28			0.28	
LT	1581+91.00	1595+70.00		0.13			0.13	
TOTALS			1.25	3.75	104.0	0.25	2.25	115.0

28000305 - TEMPORARY DITCH CHECKS		
STATION		FOOT
LT	1517+00	6
LT	1518+50	6
TOTAL		12

28000500 - INLET AND PIPE PROTECTION		
STATION		EACH
LT	1504+90	1
LT	1518+79	1
LT	1539+15	1
RT	1581+50	1
TOTAL		4

28000400 - PERIMETER EROSION BARRIER			
	STATION TO STATION		FOOT
RT	1500+51	1505+14	463
RT	1512+50	1515+00	250
RT	1516+50	1518+50	200
RT	1519+50	1520+50	100
RT	1525+50	1527+00	150
RT	1528+50	1531+50	300
RT	1538+00	1538+50	50
RT	1540+00	1542+50	250
LT	1500+51	1503+50	299
LT	1506+50	1507+00	50
LT	1509+00	1511+00	200
LT	1513+50	1515+25	175
LT	1518+93	1538+00	1,907
LT	1543+00	1544+50	150
LT	1577+50	1579+50	200
LT	1594+50	1595+70	120
TOTAL			4,864

SCHEDULE OF QUANTITIES

ROUTE NO.	SECTION	COUNTY	SHEET NO.	TOTAL SHEETS
KICKAPOO TRAIL	08-F3000-OI-BT	VERMILION	8	87
STA.		TO STA.		
F.H.W.A. REG.		ILLINOIS PROJECT		

35102100 - AGGREGATE BASE COURSE, TYPE B 9"		
STATION	TO STATION	SQ YD
1500+50	1506+97	718.9
1508+44	1510+71	252.2
1512+47	1518+33	651.1
1519+95	1522+16	245.6
1523+63	1537+74	1,567.8
1539+35	1580+41	4,562.2
1581+91	1595+70	1,532.3
TOTAL		9,530 ✓

48102100 AGGREGATE WEDGE SHOULDERS, TYPE B			
	STATION	TO STATION	TON
LT	1500+50	1507+62	11.9
RT	1500+50	1507+62	11.9
LT	1507+79	1511+27	5.8
RT	1507+79	1511+27	5.8
LT	1511+91	1518+98	11.8
RT	1511+91	1518+98	11.8
LT	1519+30	1522+81	5.9
RT	1519+30	1522+81	5.9
LT	1522+98	1538+39	25.7
RT	1522+98	1538+39	25.7
LT	1538+70	1581+06	70.6
RT	1538+70	1581+06	70.6
LT	1581+26	1595+70	24.2
RT	1581+26	1595+70	24.2
TOTAL			312 ✓

42400300 - PCC SIDEWALK 6"	
STATION	SQ FT
1511+27	185.0
1511+87	144.0
TOTAL	
329.0 ✓	

XX002007 - AGGREGATE BICYCLE PATH		
STATION	TO STATION	SQ YD
1500+50	1506+97	718.9
1508+44	1510+71	252.2
1512+47	1518+33	651.1
1519+95	1522+16	245.6
1523+63	1537+74	1,567.8
1539+35	1580+41	4,562.2
1581+91	1595+70	1,532.3
TOTAL		9,530 ✓

NOTE: THIS SHALL BE PLACED AT 3" MINIMUM THICKNESS.

66300105 - CALCIUM CHLORIDE APPLIED (1.2 LB/SY)		
STATION	TO STATION	TON
1500+50	1506+97	0.43
1508+44	1510+71	0.15
1512+47	1518+33	0.39
1519+95	1522+16	0.15
1523+63	1537+74	0.94
1539+35	1580+41	2.74
1581+91	1595+70	0.92
TOTAL		5.7 ✓

ROUTE NO.	SECTION	COUNTY	SHEET NO.	TOTAL SHEETS
KICKAPOO TRAIL	08-F3000-01-BT	VERMILION	9	87
STA.		TO STA.		
F.I.L.W.A. REG.		ILLINOIS PROJECT		

SCHEDULE OF QUANTITIES

STATION	PIPE CULVERTS, CLASS D, TYPE 1 12" 542D0217 FOOT	PIPE CULVERTS, CLASS D, TYPE 1 24" 542D0229 FOOT	END SECTIONS 12" 54213447 EACH	END SECTIONS 24" 54213459 EACH	50105220 - PIPE CULVERT REMOVAL		50104400 CONCRETE HEADWALL REMOVAL EA
					DESCRIPTION (FOR INFORMATION ONLY)	FOOT	
1504+94		49		1	20" STEEL	26	2
1539+15	28		2				
TOTALS	28	49	2	1		26	2

PAVEMENT TRANSITION SCHEDULE						
LOCATION		AREA	40603310 HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50	40600275 - BITUMINOUS MATERIALS (PRIME COAT)	40600290 - BITUMINOUS MATERIALS (TACK COAT)	35101800 AGGREGATE BASE COURSE, TYPE B, 6"
STATION	TO STATION	SQ YD	TON	POUND		SQ YD
				AGGREGATE	1ST HMA LIFT	
1506+97	1507+62	72.2	12.1	162.5	16.2	72.2
1507+79	1508+44	72.2	12.1	162.5	16.2	72.2
1510+71	1511+36	71.2	12.0	160.2	16.0	71.2
1511+82	1512+47	71.1	11.9	160.2	16.0	71.1
1518+33	1518+98	66.7	11.2	150.2	15.0	66.7
1519+30	1519+95	72.2	12.1	162.5	16.2	72.2
1522+16	1522+81	72.2	12.1	162.5	16.2	72.2
1522+98	1523+63	72.2	12.1	162.5	16.2	72.2
1537+74	1538+39	72.2	12.1	162.5	16.2	72.2
1538+70	1539+35	72.2	12.1	162.5	16.2	72.2
1580+41	1581+06	72.2	12.1	162.5	16.2	72.2
1581+26	1581+91	72.2	12.1	162.5	16.2	72.2
TOTALS			144	1,933	193	859
TWO 1-1/2" LIFTS				0.25 LB/SF ON AGGREGATE 0.025 LB/SF ON HMA		

XX000882 - WOOD FENCE					
STATION TO STATION					FOOT
LT	1583+00	LT	1589+64		664
RT	1583+50	RT	1587+50		400
PROJECT TOTAL					1,064

ROUTE NO.	SECTION	COUNTY	SHEET NO.	TOTAL SHEETS
KICKAPOO TRAIL	08-F3000-OI-BT	VERMILION	10	87
STA.		TO STA.		
F.I.L.N.A. REG.		ILLINOIS PROJECT		

SCHEDULE OF QUANTITIES

LOCATION	78000100 - THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	78001150 - PAINT PAVEMENT MARKING - LINE 12"	42400800 - DETECTABLE WARNINGS	X0350805 - FOLD DOWN BOLLARDS
	SQ FT	FOOT	SQ FT	EACH
SEYMOUR STREET			36	2
2 X "HWY XING"	28			
OAKWOOD STREET		140	36	2
2 X BIKE SYMBOL	7			
2 X "XING"	16			
2 X "HWY XING"	28			
OLMSTEAD STREET			36	2
2 X "HWY XING"	28			
HARRISON STREET			36	2
2 X "HWY XING"	28			
CR 900 E			36	2
2 X "HWY XING"	28			
CR 1000 E			36	2
2 X "HWY XING"	28			
TOTAL	193 ✓	140 ✓	216 ✓	12 ✓

SCHEDULE OF QUANTITIES

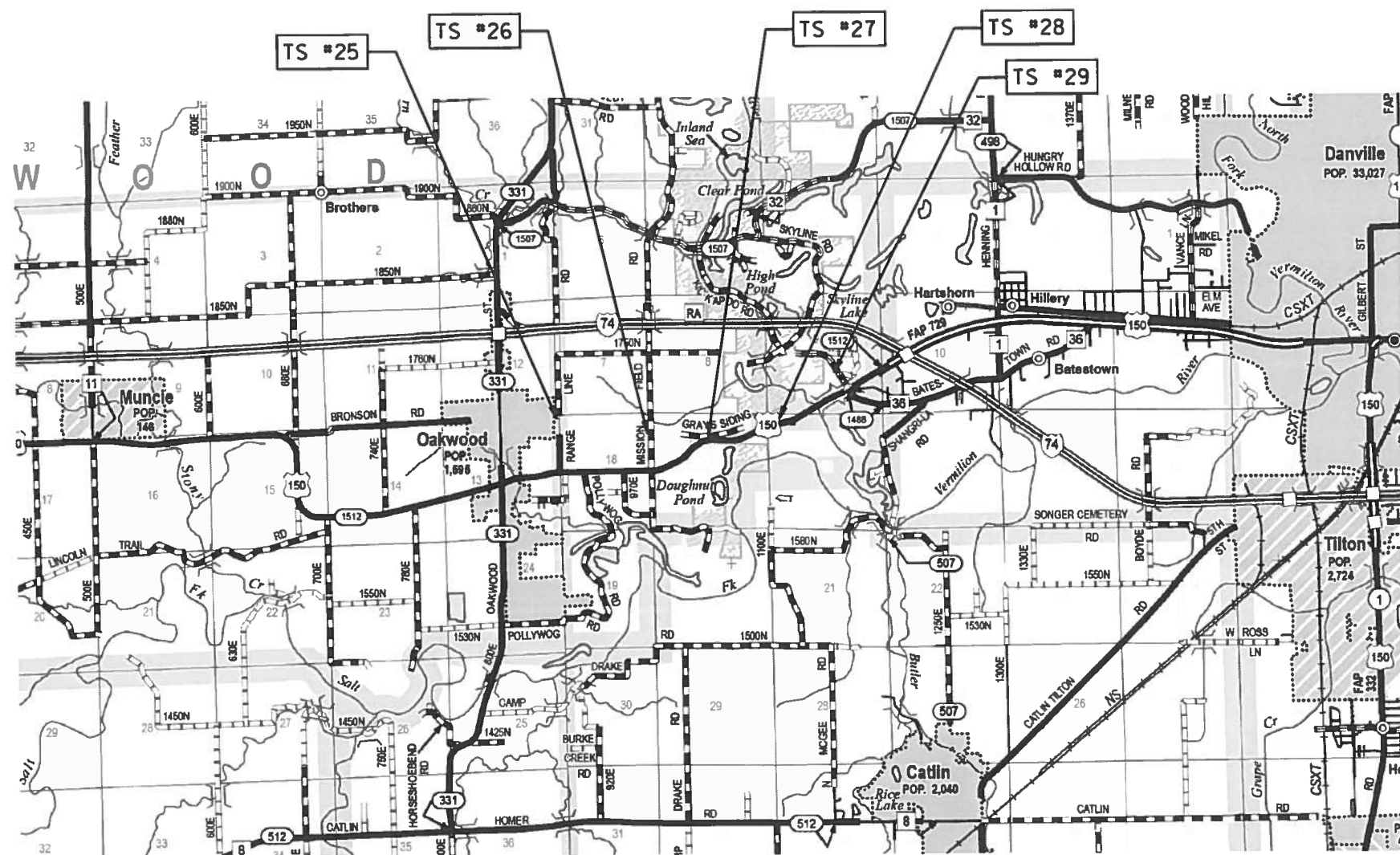
ROUTE NO.	SECTION	COUNTY	SHEET NO.	TOTAL SHEETS
KICKAPOO TRAIL	08-F3000-01-BT	VERMILION	II	87
STA.		TO STA.		
F.H.W.A. REG.		ILLINOIS PROJECT		

	STATION			MUTCD Sign #	72000100 SIGN PANEL - TYPE 1	72900100 METAL POST - TYPE A
					SQ FT	FOOT
SEYMOUR ST.	RT	1506+50	W	W3-1	2.25	10
	RT	1507+50	W	R1-1	2.25	10
	LT	1507+50	E	R5-3	4.00	10
	RT	1507+85	W	R5-3	4.00	10
	LT	1507+85	E	R1-1	2.25	10
	LT	1508+85	E	W3-1	2.25	10
		SEYMOUR ST.	S	D11-1	3.00	10
		SEYMOUR ST.	S	M6-4	0.75	
		SEYMOUR ST.	N	D11-1	3.00	10
		SEYMOUR ST.	N	M6-4	0.75	
OAKWOOD ST.	RT	1510+20	W	W3-1	2.25	10
	RT	1511+20	W	R1-1	2.25	10
	LT	1511+20	E	R5-3	4.00	10
	RT	1511+97	W	R5-3	4.00	10
	LT	1511+97	E	R1-1	2.25	10
	LT	1512+97	E	W3-1	2.25	10
		OAKWOOD ST.	S	D11-1	3.00	10
		OAKWOOD ST.	S	M6-4	0.75	
		OAKWOOD ST.	N	D11-1	3.00	10
		OAKWOOD ST.	N	M6-4	0.75	
OLMSTEAD ST.	RT	1517+70	W	W3-1	2.25	10
	RT	1518+70	W	R1-1	2.25	10
	LT	1518+70	E	R5-3	4.00	10
	RT	1519+35	W	R5-3	4.00	10
	LT	1519+35	E	R1-1	2.25	10
	LT	1520+35	E	W3-1	2.25	10
		OLMSTEAD ST.	S	D11-1	3.00	10
		OLMSTEAD ST.	S	M6-4	0.75	
		N. MAIN ST.	N	D11-1	3.00	10
		N. MAIN ST.	N	M6-4	0.75	

	STATION			MUTCD Sign #	72000100 SIGN PANEL - TYPE 1	72900100 METAL POST - TYPE A
					SQ FT	FOOT
HARRISON ST.	RT	1521+75	W	W3-1	2.25	10
	RT	1522+75	W	R1-1	2.25	10
	LT	1522+75	E	R5-3	4.00	10
	RT	1523+05	W	R5-3	4.00	10
	LT	1523+05	E	R1-1	2.25	10
	LT	1524+05	E	W3-1	2.25	10
		HARRISON ST.	S	D11-1	3.00	10
		HARRISON ST.	S	M6-4	0.75	
		HARRISON ST.	N	D11-1	3.00	10
		HARRISON ST.	N	M6-4	0.75	
CR 900 E	RT	1537+34	W	W3-1	2.25	10
	RT	1538+34	W	R1-1	2.25	10
	LT	1538+34	E	R5-3	4.00	10
	RT	1538+76	W	R5-3	4.00	10
	LT	1538+76	E	R1-1	2.25	10
	LT	1539+76	E	W3-1	2.25	10
		CR 900 E	S	W11-1	9.00	10
		CR 900 E	S	D11-1	3.00	10
		CR 900 E	S	M6-4	0.75	
		CR 900 E	N	W11-1	9.00	10
CR 1000 E		CR 900 E	N	W16-9P	0.33	
		CR 1700 N	W	W11-1	9.00	10
		CR 1700 N	W	M6-1	0.75	
	RT	1580+00	W	W3-1	2.25	10
	RT	1581+00	W	R1-1	2.25	10
	LT	1581+00	E	R5-3	4.00	10
	RT	1581+32	W	R5-3	4.00	10
	LT	1581+32	E	R1-1	2.25	10
	LT	1582+32	E	W3-1	2.25	10
		CR 1000 E	S	W11-1	9.00	10
	CR 1000 E	S	D11-1	3.00	10	
	CR 1000 E	S	M6-4	0.75		
	CR 1000 E	N	W11-1	9.00	10	
	CR 1000 E	N	D11-1	3.00	10	
	CR 1000 E	N	M6-4	0.75		
	CR 1000 E	E	W14-1	9.00	10	
	1595+70		OM4-1	2.25	10	
	1595+70		OM4-1	2.25	10	
	1595+70		OM4-1	2.25	10	
	1595+70		SPECIAL	9.00	10	
TOTAL					214.0	570.0

NOTE: IDOT USES FLOURESCENT YELLOW-GREEN COLOR FOR ALL W11-1 SIGNS AND SUPPLEMENTAL AHEAD OR ARROW PLAQUES.

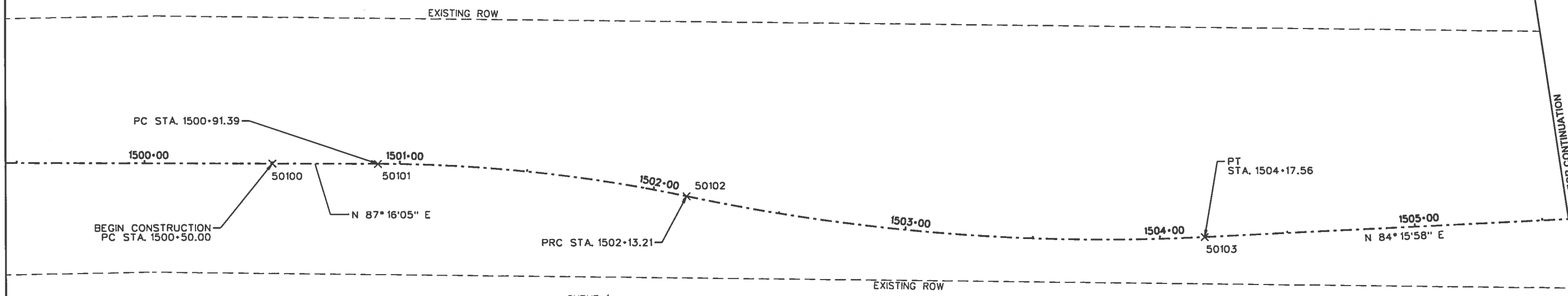
ROUTE NO.	SECTION	COUNTY	SHEET NO.	TOTAL SHEETS
KICKAPOO TRAIL	08-F3000-OI-BT	VERMILION	12	87
STA.		TO STA.		
F.H.W.A. REG.		ILLINOIS PROJECT		



TS #25	NORTHING EASTING	I256755.9426 I42133.6897	*4 REBAR - EAST OF OAKWOOD, SW CORNER OF N. MAIN ST/CR 900 E 30' S. OF THE CL N. MAIN, 35' W. OF THE CL CR 900 E
TS #26	NORTHING EASTING	I256074.2033 I46346.1729	*4 REBAR - 75' S. OF THE CL RAILROAD, 19' W. OF THE CL CR 1000 E
TS #27	NORTHING EASTING	I255699.2978 I48832.7136	*4 REBAR - 90' S. OF THE CL CR 1680 N, 8' W. OF THE E/P GRAY'S SIDING ROAD
TS #28	NORTHING EASTING	I256350.7587 I51999.2326	*4 REBAR - LOCATED ON THE E. SIDE OF A PRIVATE DRIVEWAY 700' W. OF VERMILION RIVER LANE, 40' N. OF THE CL US ROUTE 150
TS #29	NORTHING EASTING	I258747.7243 I54875.5239	*4 REBAR - 15' W. OF THE CL OF THE VERMILION COUNTY FAIRGROUNDS ENTRANCE, 1000' N.W. OF THE CL US ROUTE 150

ROUTE NO.	SECTION	COUNTY	SHEET NO.	TOTAL SHEETS
KICKAPOO TRAIL	08-F3000-01-BT	VERMILION	13	87
STA.		TO STA.		
F.H.W.A. REG.		ILLINOIS PROJECT		

CURVE 2
 P.I. STA. 1503+15.95
 $\Delta = 14^\circ 38' 08''$
 $D = 7^\circ 09' 43''$
 $T = 102.74'$
 $R = 800.00'$
 $L = 204.35'$
 $E = 6.57'$
 P.R.C. STA. 1502+13.21
 P.T. STA. 1504+17.56

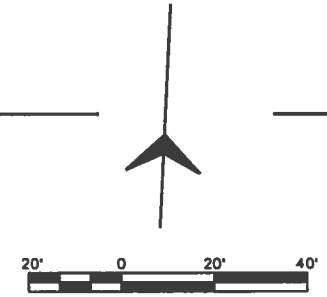
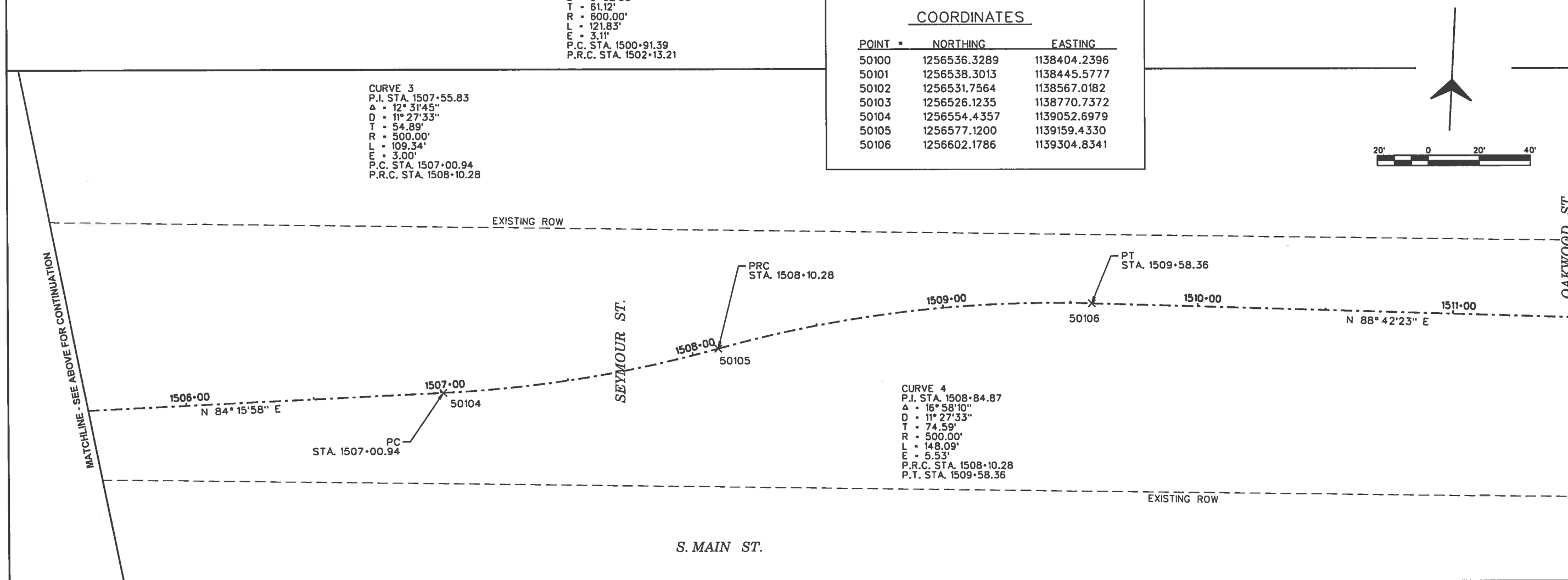


CURVE 1
 P.I. STA. 1501+52.51
 $\Delta = 11^\circ 38' 01''$
 $D = 9^\circ 32' 58''$
 $T = 61.12'$
 $R = 600.00'$
 $L = 121.83'$
 $E = 3.11'$
 P.C. STA. 1500+91.39
 P.R.C. STA. 1502+13.21

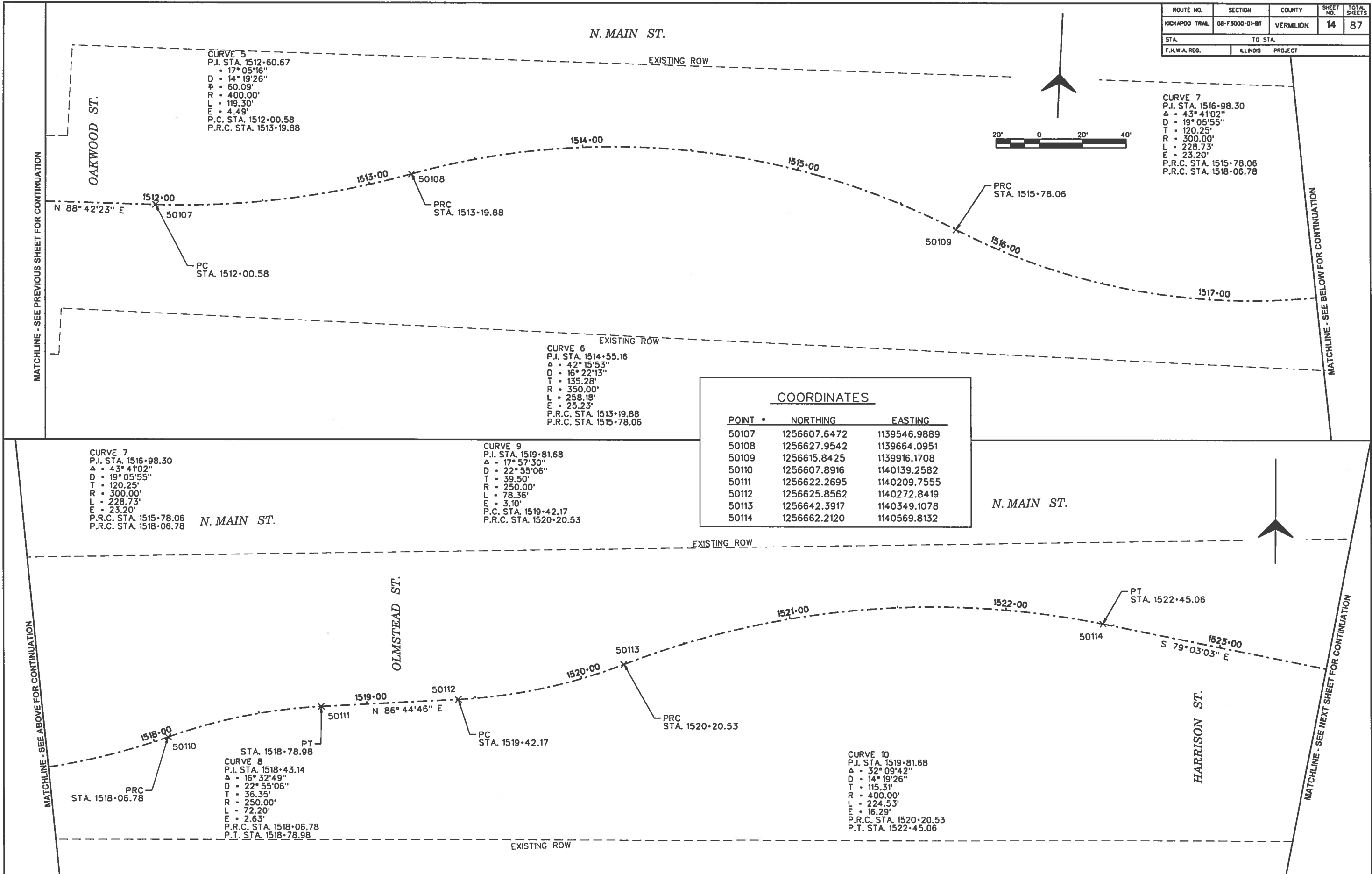
COORDINATES		
POINT	NORTHING	EASTING
50100	1256536.3289	1138404.2396
50101	1256538.3013	1138445.5777
50102	1256531.7564	1138567.0182
50103	1256526.1235	1138770.7372
50104	1256554.4357	1139052.6979
50105	1256577.1200	1139159.4330
50106	1256602.1786	1139304.8341

CURVE 3
 P.I. STA. 1507+55.83
 $\Delta = 12^\circ 31' 45''$
 $D = 11^\circ 27' 33''$
 $T = 54.89'$
 $R = 500.00'$
 $L = 109.34'$
 $E = 3.00'$
 P.C. STA. 1507+00.94
 P.R.C. STA. 1508+10.28

CURVE 4
 P.I. STA. 1508+84.87
 $\Delta = 16^\circ 58' 10''$
 $D = 11^\circ 27' 33''$
 $T = 74.59'$
 $R = 500.00'$
 $L = 148.09'$
 $E = 5.53'$
 P.R.C. STA. 1508+10.28
 P.T. STA. 1509+58.36



ROUTE NO.	SECTION	COUNTY	SHEET NO.	TOTAL SHEETS
KICKAPOO TRAIL	08-F3000-01-BT	VERMILION	14	87
STA.		TO STA.		
F.H.W.A. REG.		ILLINOIS PROJECT		



CURVE 5
 P.I. STA. 1512+60.67
 $\Delta = 17^\circ 05'16''$
 $D = 14^\circ 19'26''$
 $T = 60.09'$
 $R = 400.00'$
 $L = 119.30'$
 $E = 4.49'$
 P.C. STA. 1512+00.58
 P.R.C. STA. 1513+19.88

CURVE 7
 P.I. STA. 1516+98.30
 $\Delta = 43^\circ 41'02''$
 $D = 19^\circ 05'55''$
 $T = 120.25'$
 $R = 300.00'$
 $L = 228.73'$
 $E = 23.20'$
 P.R.C. STA. 1515+78.06
 P.R.C. STA. 1518+06.78

CURVE 6
 P.I. STA. 1514+55.16
 $\Delta = 42^\circ 15'53''$
 $D = 16^\circ 22'13''$
 $T = 135.28'$
 $R = 350.00'$
 $L = 258.18'$
 $E = 25.23'$
 P.R.C. STA. 1513+19.88
 P.R.C. STA. 1515+78.06

CURVE 7
 P.I. STA. 1516+98.30
 $\Delta = 43^\circ 41'02''$
 $D = 19^\circ 05'55''$
 $T = 120.25'$
 $R = 300.00'$
 $L = 228.73'$
 $E = 23.20'$
 P.R.C. STA. 1515+78.06
 P.R.C. STA. 1518+06.78

CURVE 9
 P.I. STA. 1519+81.68
 $\Delta = 17^\circ 57'30''$
 $D = 22^\circ 55'06''$
 $T = 39.50'$
 $R = 250.00'$
 $L = 78.36'$
 $E = 3.10'$
 P.C. STA. 1519+42.17
 P.R.C. STA. 1520+20.53

CURVE 10
 P.I. STA. 1519+81.68
 $\Delta = 32^\circ 09'42''$
 $D = 14^\circ 19'26''$
 $T = 115.31'$
 $R = 400.00'$
 $L = 224.53'$
 $E = 16.29'$
 P.R.C. STA. 1520+20.53
 P.T. STA. 1522+45.06

COORDINATES		
POINT	NORTHING	EASTING
50107	1256607.6472	1139546.9889
50108	1256627.9542	1139664.0951
50109	1256615.8425	1139916.1708
50110	1256607.8916	1140139.2582
50111	1256622.2695	1140209.7555
50112	1256625.8562	1140272.8419
50113	1256642.3917	1140349.1078
50114	1256662.2120	1140569.8132

N. MAIN ST.

ROUTE NO.	SECTION	COUNTY	SHEET NO.	TOTAL SHEETS
KICKAPOO TRAIL	08-F3000-01-BT	VERMILION	15	87
STA.		TO STA.		
F.H.W.A. REG.		ILLINOIS PROJECT		

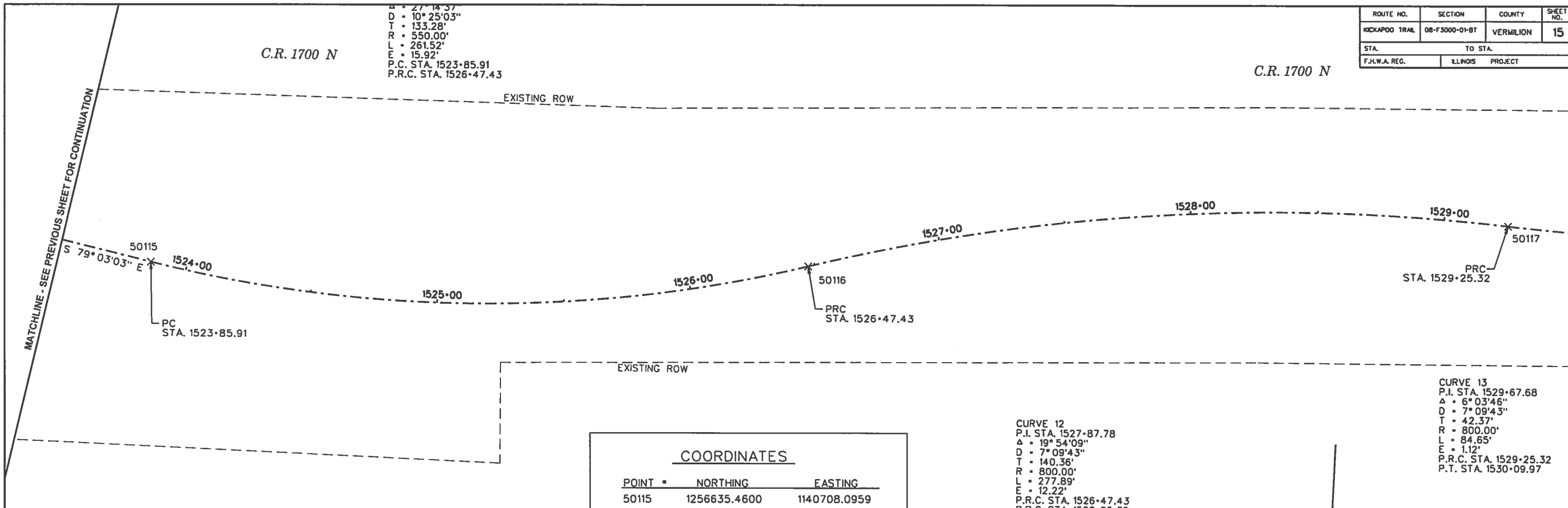
$\Delta = 27^{\circ}14'37''$
 $D = 10^{\circ}25'03''$
 $T = 133.28'$
 $R = 550.00'$
 $L = 261.52'$
 $E = 15.92'$
 P.C. STA. 1523+85.91
 P.R.C. STA. 1526+47.43

C.R. 1700 N

C.R. 1700 N

MATCHLINE - SEE PREVIOUS SHEET FOR CONTINUATION

MATCHLINE - SEE BELOW FOR CONTINUATION



COORDINATES		
POINT	NORTHING	EASTING
50115	1256635.4600	1140708.0959
50116	1256647.5399	1140966.8764
50117	1256678.0881	1141241.6782
50118	1256677.2366	1141326.2870
50119	1256686.7433	1141548.0383

CURVE 12
 P.I. STA. 1527+87.78
 $\Delta = 19^{\circ}54'09''$
 $D = 7^{\circ}09'43''$
 $T = 140.36'$
 $R = 800.00'$
 $L = 277.89'$
 $E = 12.22'$
 P.R.C. STA. 1526+47.43
 P.R.C. STA. 1529+25.32

CURVE 13
 P.I. STA. 1529+67.68
 $\Delta = 6^{\circ}03'46''$
 $D = 7^{\circ}09'43''$
 $T = 42.37'$
 $R = 800.00'$
 $L = 84.65'$
 $E = 1.12'$
 P.R.C. STA. 1529+25.32
 P.T. STA. 1530+09.97

CURVE 13
 P.I. STA. 1529+67.68
 $\Delta = 6^{\circ}03'46''$
 $D = 7^{\circ}09'43''$
 $T = 42.37'$
 $R = 800.00'$
 $L = 84.65'$
 $E = 1.12'$
 P.R.C. STA. 1529+25.32
 P.T. STA. 1530+09.97

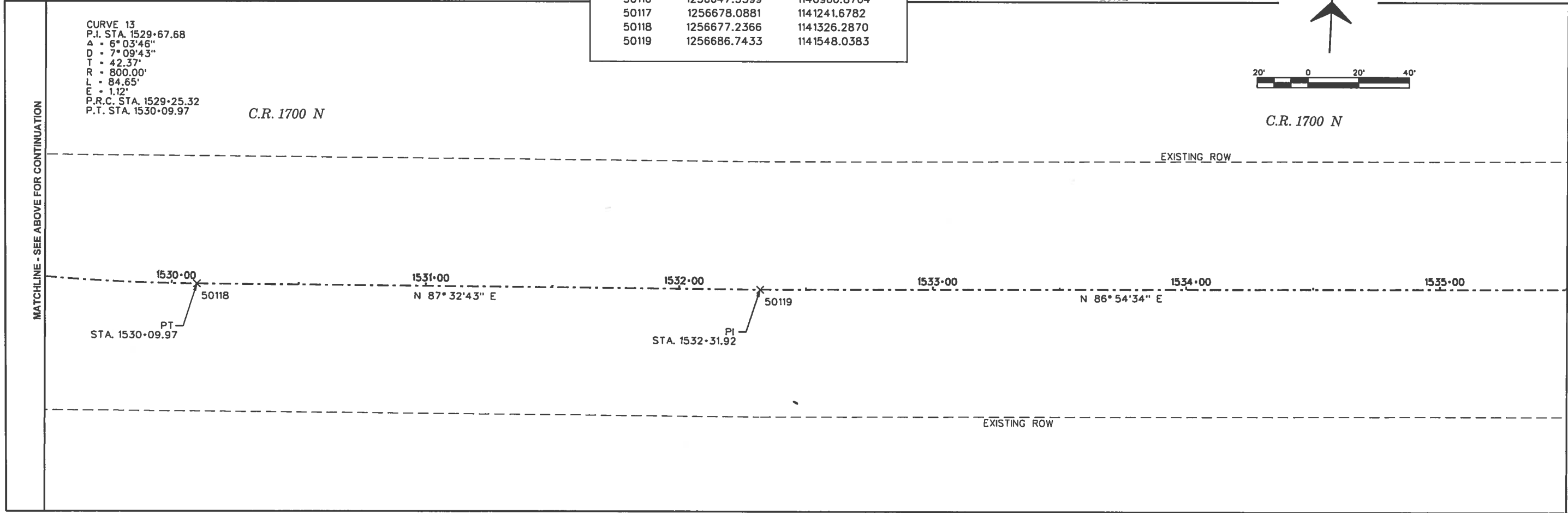
C.R. 1700 N



C.R. 1700 N

MATCHLINE - SEE ABOVE FOR CONTINUATION

MATCHLINE - SEE NEXT SHEET FOR CONTINUATION

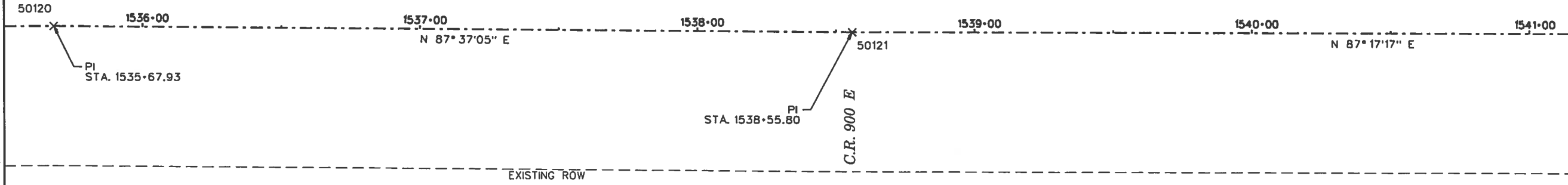


ROUTE NO.	SECTION	COUNTY	SHEET NO.	TOTAL SHEETS
KICKAPOO TRAIL	08-F3000-01-BT	VERMILION	16	87
STA.		TO STA.		
F.I.L.W.A. REG.		ILLINOIS PROJECT		

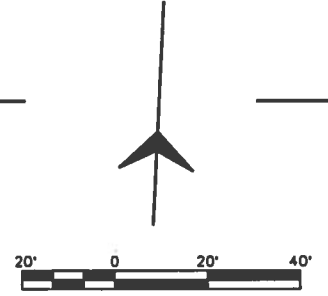
C.R. 1700 N

MATCHLINE - SEE PREVIOUS SHEET FOR CONTINUATION

MATCHLINE - SEE BELOW FOR CONTINUATION

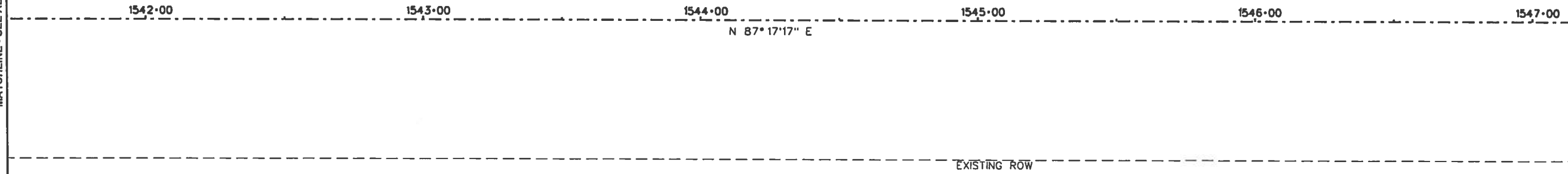


COORDINATES		
POINT	NORTHING	EASTING
50120	1256704.8585	1141883.5517
50121	1256716.8226	1142171.1750



MATCHLINE - SEE ABOVE FOR CONTINUATION

MATCHLINE - SEE NEXT SHEET FOR CONTINUATION



ROUTE NO.	SECTION	COUNTY	SHEET NO.	TOTAL SHEETS
KICKAPOO TRAIL	08-F3000-01-BT	VERMILION	17	87
STA.		TO STA.		
F.H.W.A. REG.		ILLINOIS PROJECT		

MATCHLINE - SEE PREVIOUS SHEET FOR CONTINUATION

1548+00
 50122
 PC
 STA. 1548+12.84

EXISTING ROW

COORDINATES		
POINT	NORTHING	EASTING
50122	1256762.1069	1143127.1478
50123	1256686.9699	1143967.3648
50124	1256622.2343	1144249.2846

CURVE 14
 P.I. STA. 1552+38.59
 Δ = 15° 38' 40"
 D = 1° 50' 56"
 T = 425.75'
 R = 3,099.10'
 L = 846.20'
 E = 29.11'
 P.C. STA. 1548+12.84
 P.T. STA. 1556+59.04



MATCHLINE - SEE BELOW FOR CONTINUATION

MATCHLINE - SEE ABOVE FOR CONTINUATION

1554+00

1555+00

1556+00

50123
 PT
 STA. 1556+59.04

1557+00

1558+00
 S 77° 04' 04" E

1559+00

50124
 PI
 STA. 1559+48.30

EXISTING ROW

CURVE 14
 P.I. STA. 1552+38.59
 Δ = 15° 38' 40"
 D = 1° 50' 56"
 T = 425.75'
 R = 3,099.10'
 L = 846.20'
 E = 29.11'
 P.C. STA. 1548+12.84
 P.T. STA. 1556+59.04



MATCHLINE - SEE NEXT SHEET FOR CONTINUATION

ROUTE NO.	SECTION	COUNTY	SHEET NO.	TOTAL SHEETS
KICKAPOO TRAIL	08-F3000-01-BT	VERMILION	18	87
STA.		TO STA.		
F.H.W.A. REG.	ILLINOIS	PROJECT		

MATCHLINE - SEE PREVIOUS SHEET FOR CONTINUATION

MATCHLINE - SEE BELOW FOR CONTINUATION

1560+00

1561+00

1562+00

1563+00

50125

1564+00

1565+00

S 77° 17' 20" E

S 77° 04' 30" E

PI
STA. 1563+27.26

EXISTING ROW

COORDINATES

POINT	NORTHING	EASTING
50125	1256538.8470	1144618.9653



EXISTING ROW

1566+00

1567+00

1568+00

1569+00

1570+00

1571+00

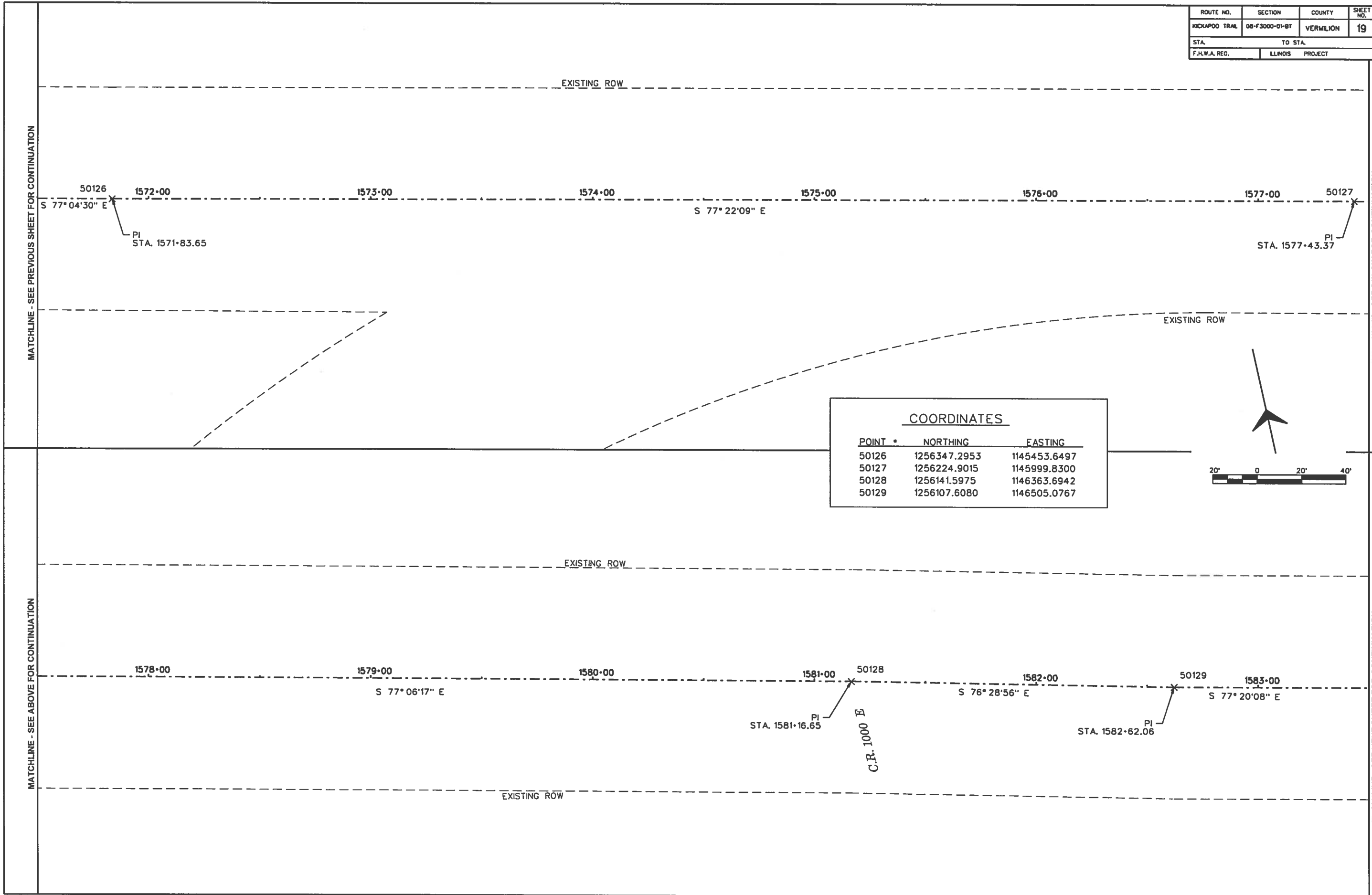
S 77° 04' 30" E

EXISTING ROW

MATCHLINE - SEE ABOVE FOR CONTINUATION

MATCHLINE - SEE NEXT SHEET FOR CONTINUATION

ROUTE NO.	SECTION	COUNTY	SHEET NO.	TOTAL SHEETS
KICKAPOO TRAIL	08-F3000-01-BT	VERMILION	19	87
STA.		TO STA.		
F.H.W.A. REG.		ILLINOIS PROJECT		



COORDINATES		
POINT *	NORTHING	EASTING
50126	1256347.2953	1145453.6497
50127	1256224.9015	1145999.8300
50128	1256141.5975	1146363.6942
50129	1256107.6080	1146505.0767

ROUTE NO.	SECTION	COUNTY	SHEET NO.	TOTAL SHEETS
KICKAPOO TRAIL	08-F3000-01-BT	VERMILION	20	87
STA.		TO STA.		
F.H.W.A. REG.		ILLINOIS PROJECT		

MATCHLINE - SEE PREVIOUS SHEET FOR CONTINUATION

MATCHLINE - SEE BELOW FOR CONTINUATION

MATCHLINE - SEE ABOVE FOR CONTINUATION

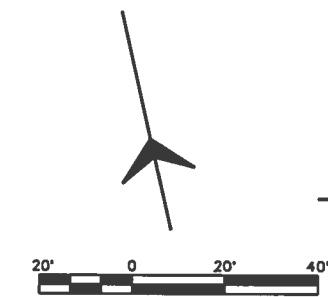
MATCHLINE - SEE NEXT SHEET FOR CONTINUATION

EXISTING ROW

1584+00 1585+00 1586+00 1587+00 1588+00 1589+00
 S 77° 20'08" E S 77° 20'08" E

EXISTING ROW

COORDINATES		
POINT	NORTHING	EASTING
50130	1255952.6267	1147194.7742
50131	1255851.6775	1147636.4019



CURVE 15
 P.I. STA. 1600+48.12
 Δ = 15° 10'37"
 D = 1° 13'09"
 T = 626.15'
 R = 4,700.00'
 L = 1,244.97'
 E = 41.53'
 P.C. STA. 1594+21.97
 P.C.C. STA. 1606+66.94

EXISTING ROW

50130 1590+00 1591+00 1592+00 1593+00 1594+00 50131 1595+00
 S 77° 07'27" E
 PI STA. 1589+68.96 PC STA. 1594+21.98

EXISTING ROW

ROUTE NO.	SECTION	COUNTY	SHEET NO.	TOTAL SHEETS
KICKAPOO TRAIL	08-F3000-01-BT	VERMILION	21	87
STA.		TO STA.		
F.H.W.A. REG.	ILLINOIS	PROJECT		

CURVE 15
 P.I. STA. 1600+48.12
 $\Delta = 15^{\circ}10'37''$
 $D = 1^{\circ}13'09''$
 $T = 626.15'$
 $R = 4,700.00'$
 $L = 1,244.97'$
 $E = 41.53'$
 P.C. STA. 1594+21.97
 P.C.C. STA. 1606+66.94

C.R. 1680 N.

C.R. 1680 N.

MATCHLINE - SEE PREVIOUS SHEET FOR CONTINUATION

FUTURE

END CONSTRUCTION
 STA. 1595+70.00

EXISTING ROW

50132A

1596+00

1597+00

1598+00

1599+00

1600+00

1601+00

EXISTING ROW

FUTURE



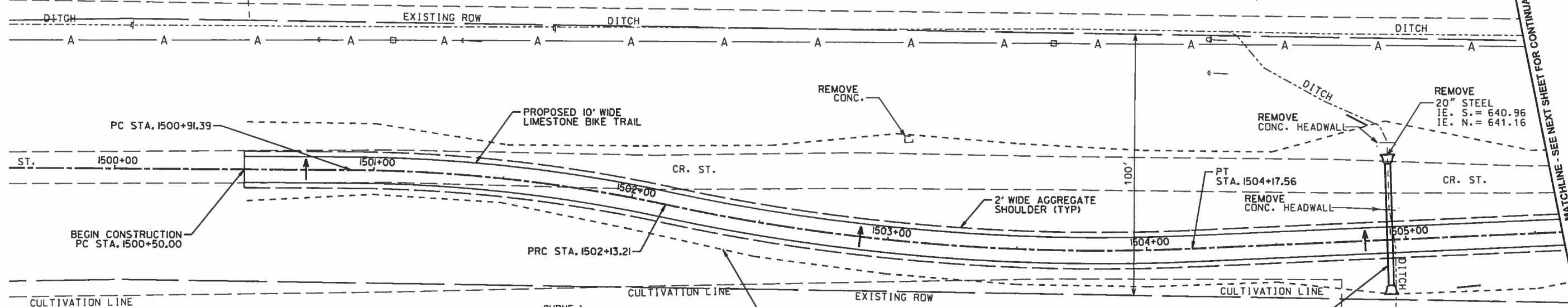
COORDINATES		
POINT	NORTHING	EASTING
50132A	1255820.9697	1147781.2003

ROUTE NO.	SECTION	COUNTY	SHEET NO.	TOTAL SHEETS
KICKAPOO TRAIL	08-F3000-01-BT	VERMILION	22	87
STA. TO STA.				
F.H.W.A. REG.	ILLINOIS PROJECT			

CURVE 2
 P.I. STA. 1503+15.95
 $\Delta = 14^{\circ}38'08''$
 $D = 7^{\circ}09'43''$
 $T = 102.74'$
 $R = 800.00'$
 $L = 204.35'$
 $E = 6.57'$
 P.R.C. STA. 1502+13.21
 P.T. STA. 1504+17.56



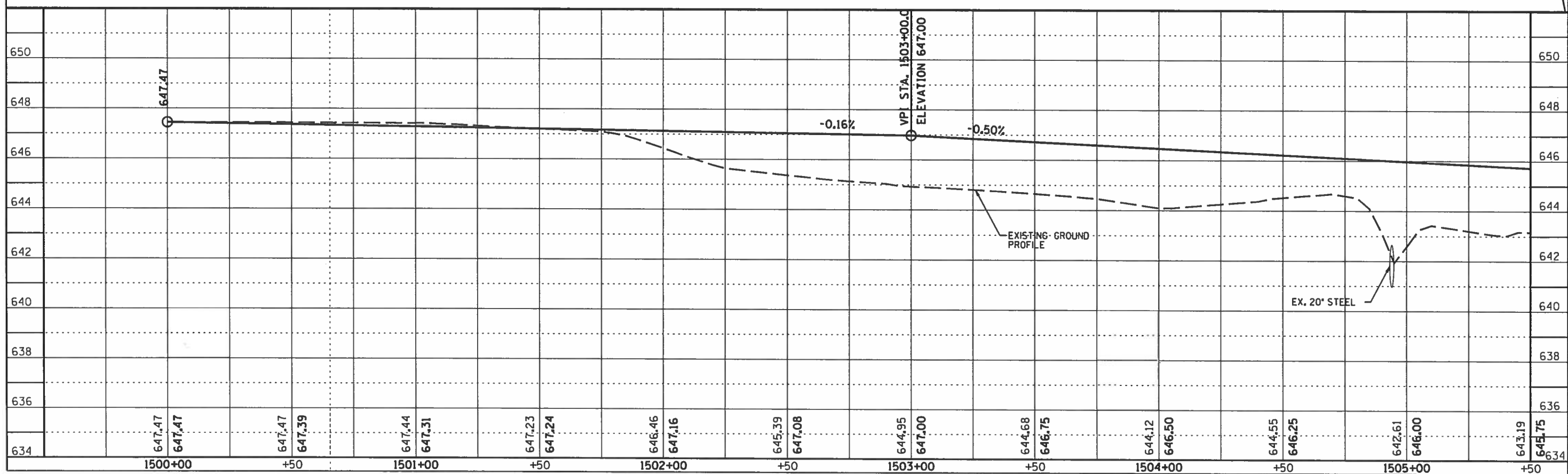
15" CMP
 IE. S. = 643.83
 IE. N. = 644.04



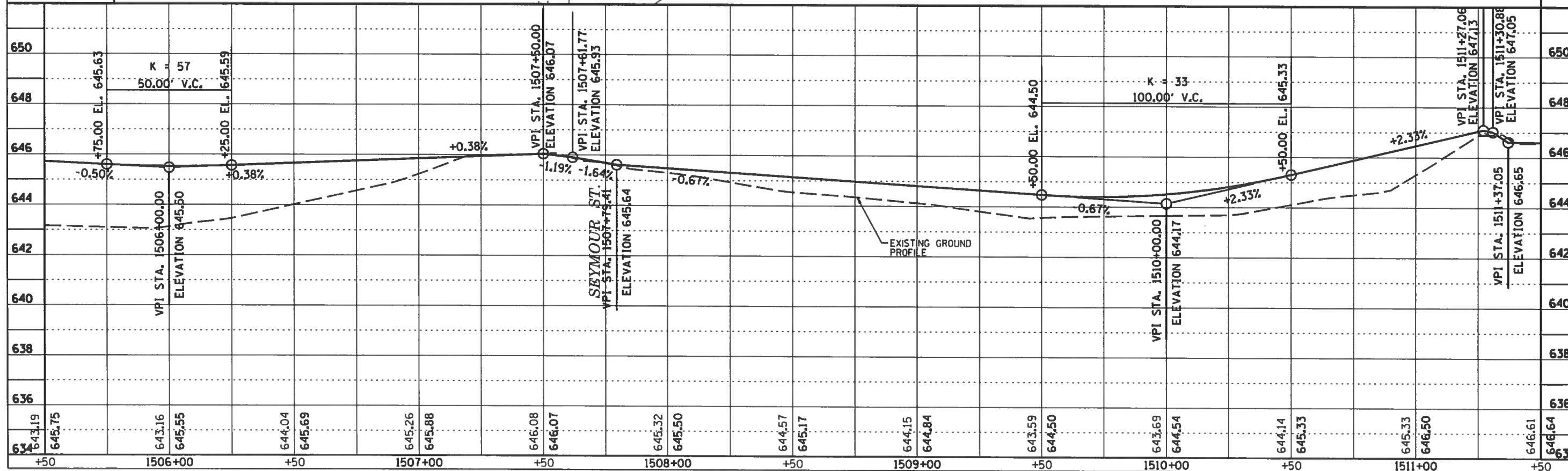
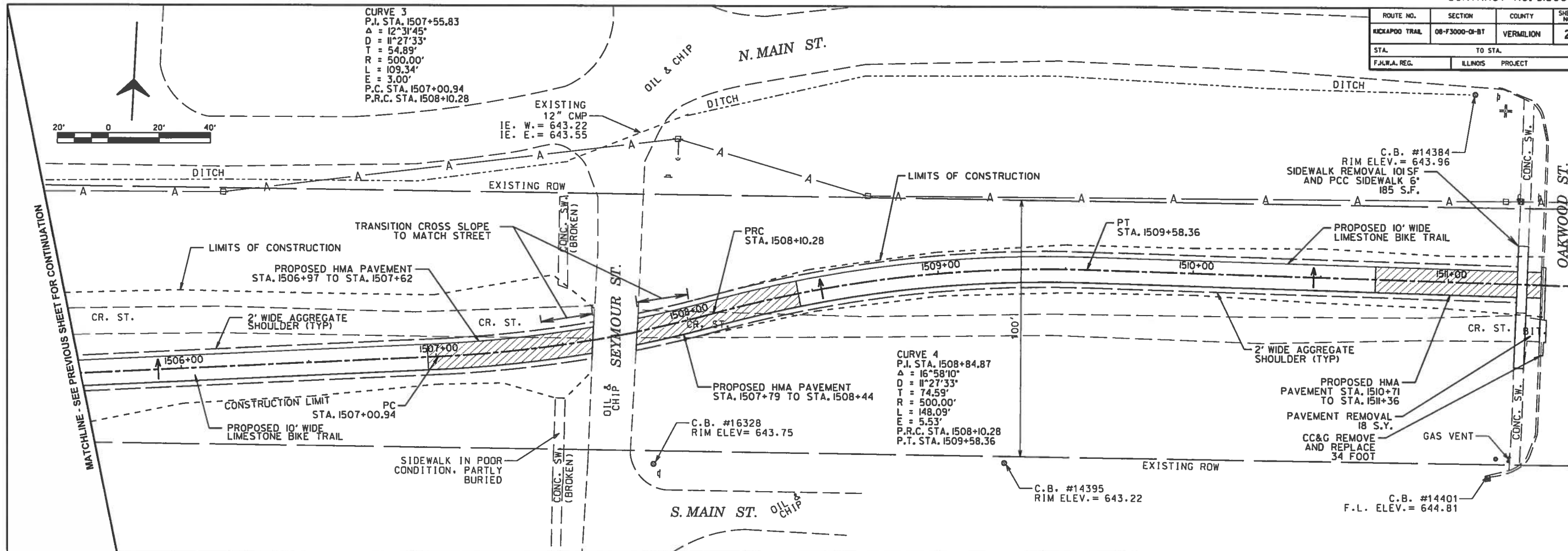
CURVE 1
 P.I. STA. 1501+52.51
 $\Delta = 11^{\circ}38'01''$
 $D = 9^{\circ}32'58''$
 $T = 61.12'$
 $R = 600.00'$
 $L = 121.83'$
 $E = 3.11'$
 P.C. STA. 1500+91.39
 P.R.C. STA. 1502+13.21

PIPE CULVERTS, CLASS D, TYPE 124" - 49 FOOT
 END SECTIONS 24" - EACH
 RT I.E. = 642.3
 LT I.E. = 642.4

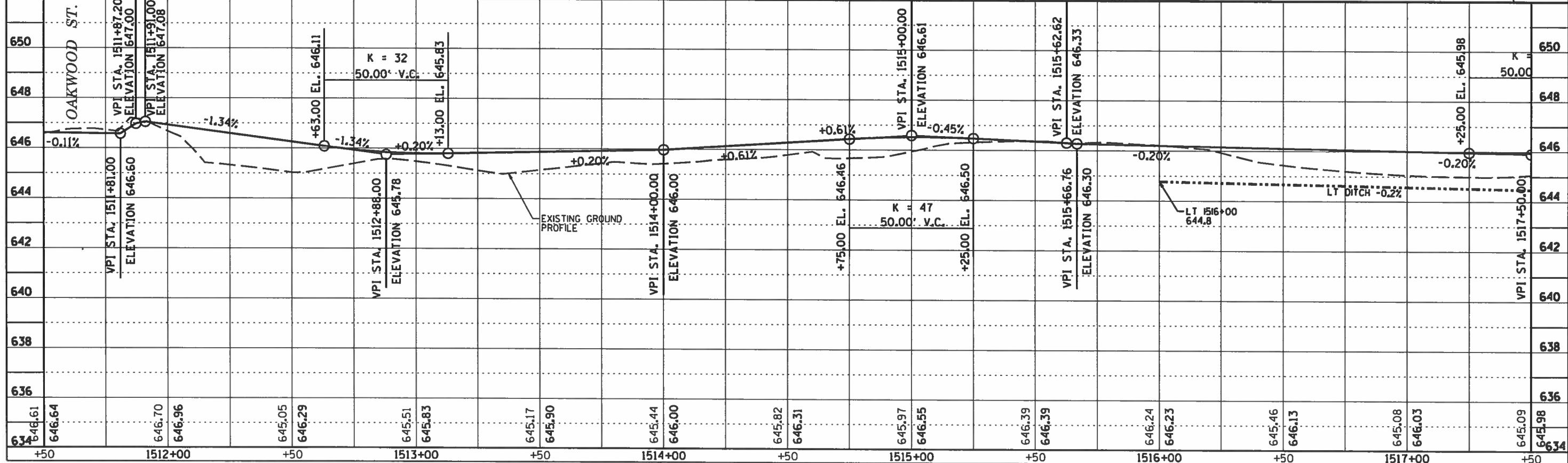
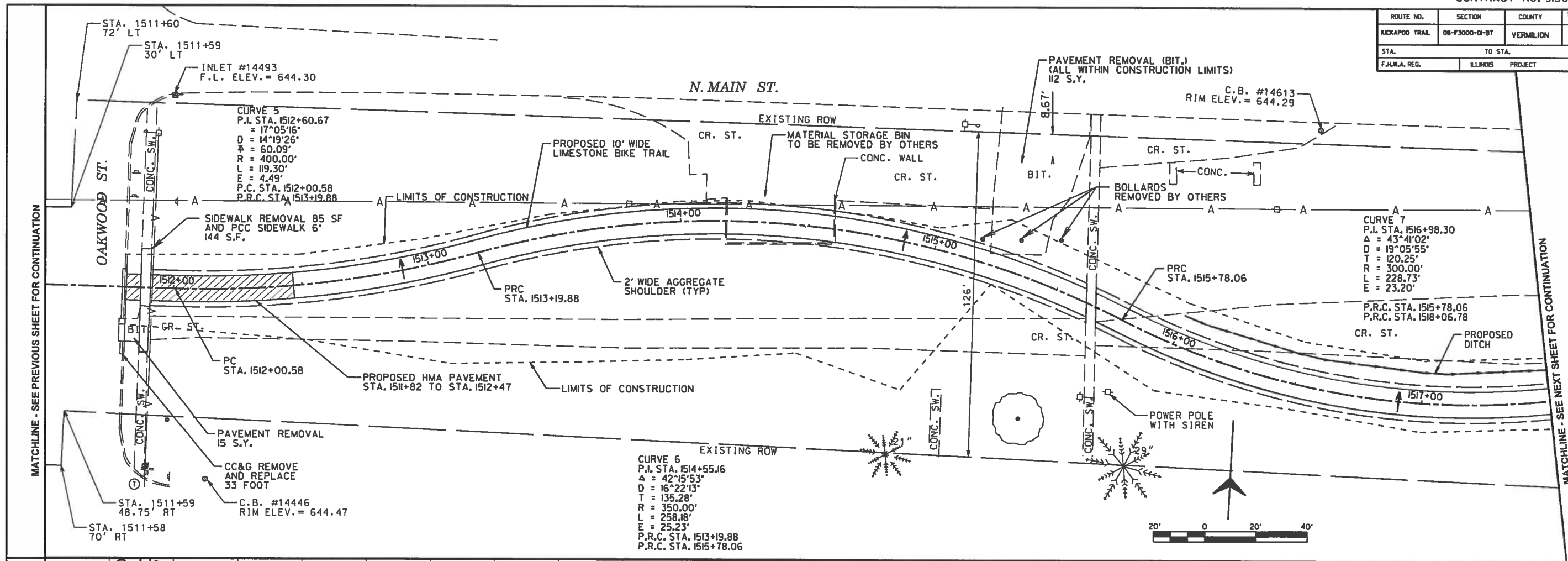
MATCHLINE - SEE NEXT SHEET FOR CONTINUATION



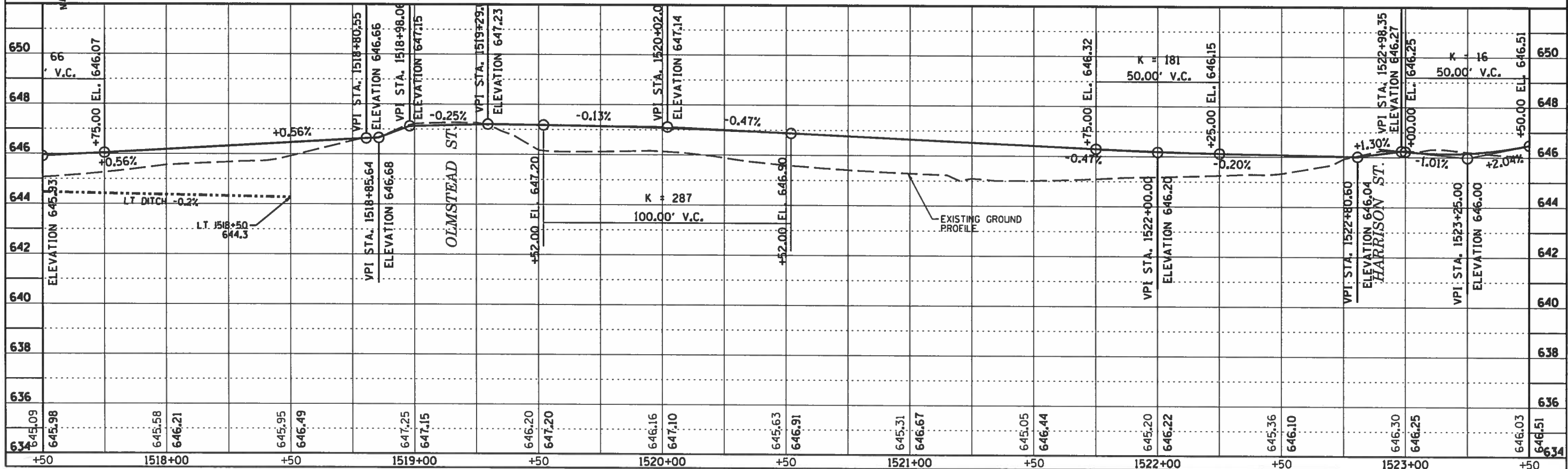
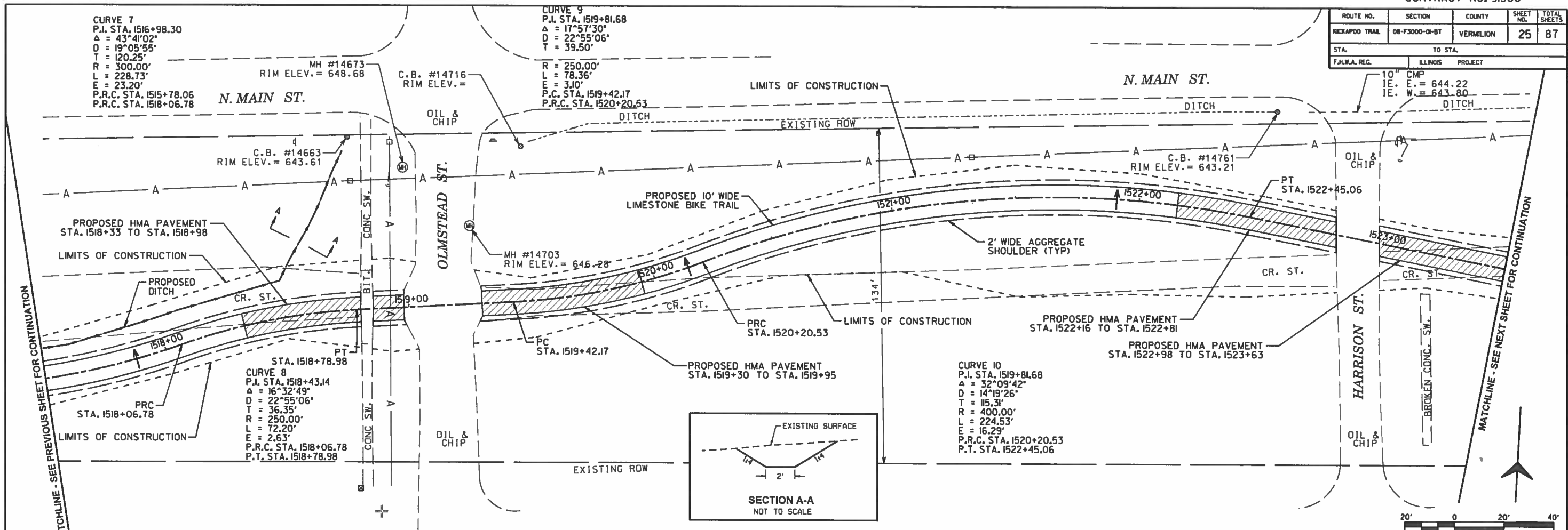
ROUTE NO.	SECTION	COUNTY	SHEET NO.	TOTAL SHEETS
KICKAPOO TRAIL	08-F3000-01-BT	VERMILION	23	87
STA.		TO STA.		
F.J.W.A. REG.		ILLINOIS PROJECT		



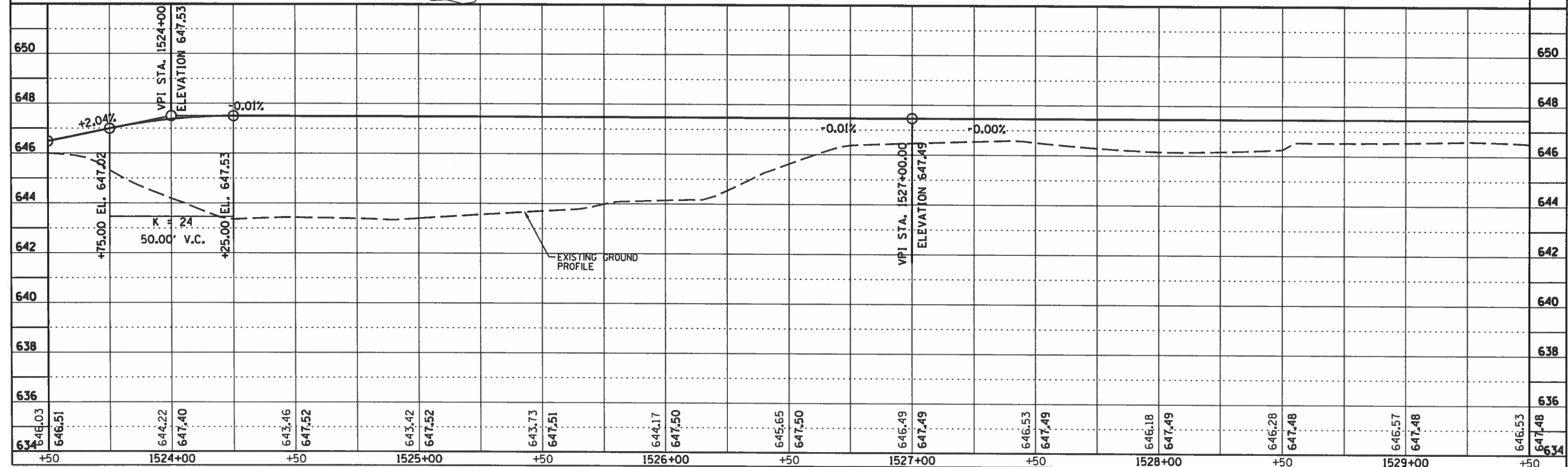
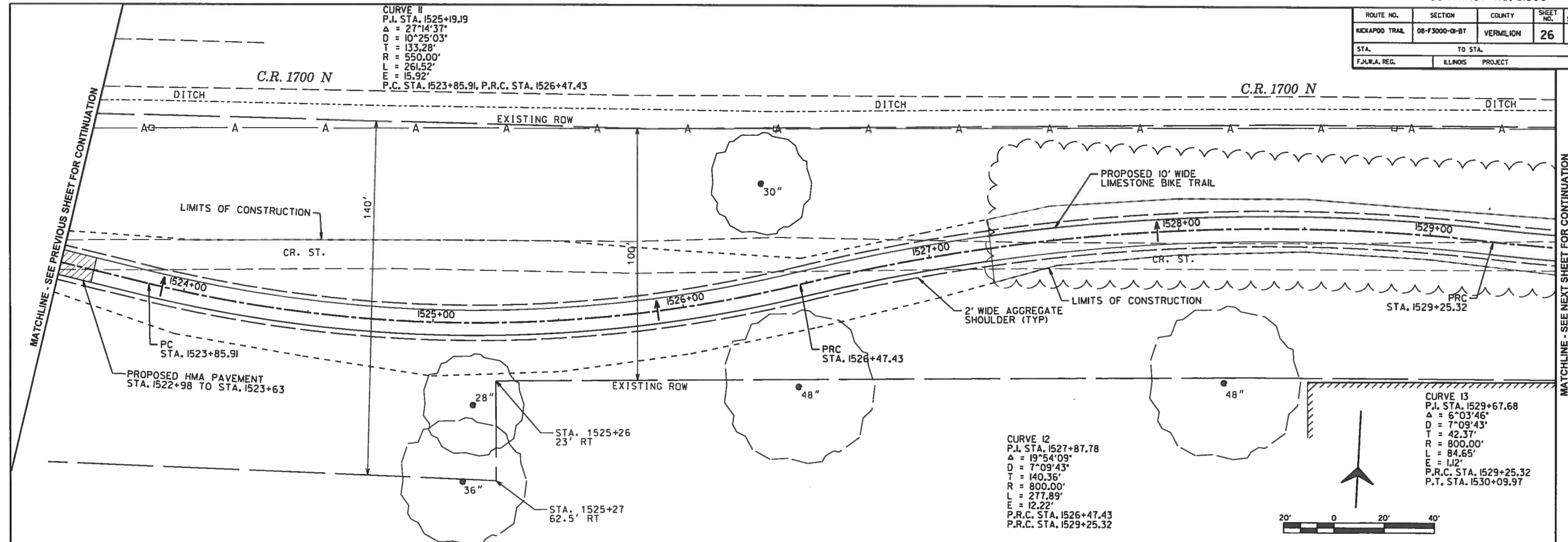
ROUTE NO.	SECTION	COUNTY	SHEET NO.	TOTAL SHEETS
KICKAPOO TRAIL	08-F3000-01-BT	VERMILION	24	87
STA.	TO STA.			
F.J.M.A. REG.	ILLINOIS PROJECT			



ROUTE NO.	SECTION	COUNTY	SHEET NO.	TOTAL SHEETS
KICKAPOO TRAIL	08-F3000-OI-BT	VERMILION	25	87
STA.		TO STA.		
F.A.W.A. REG.		ILLINOIS PROJECT		

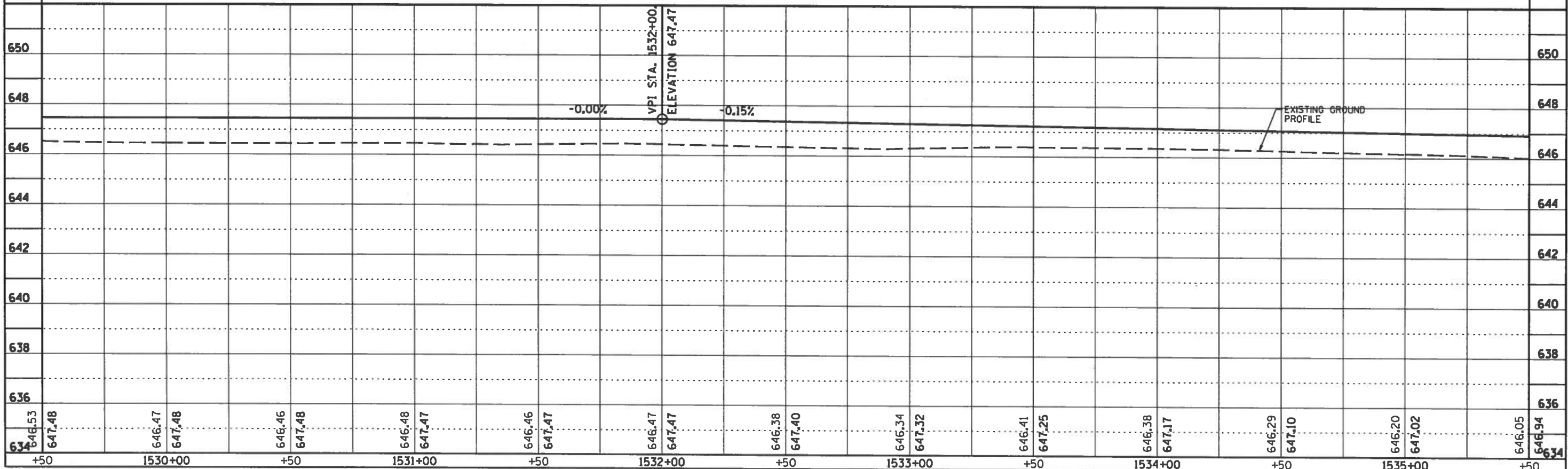
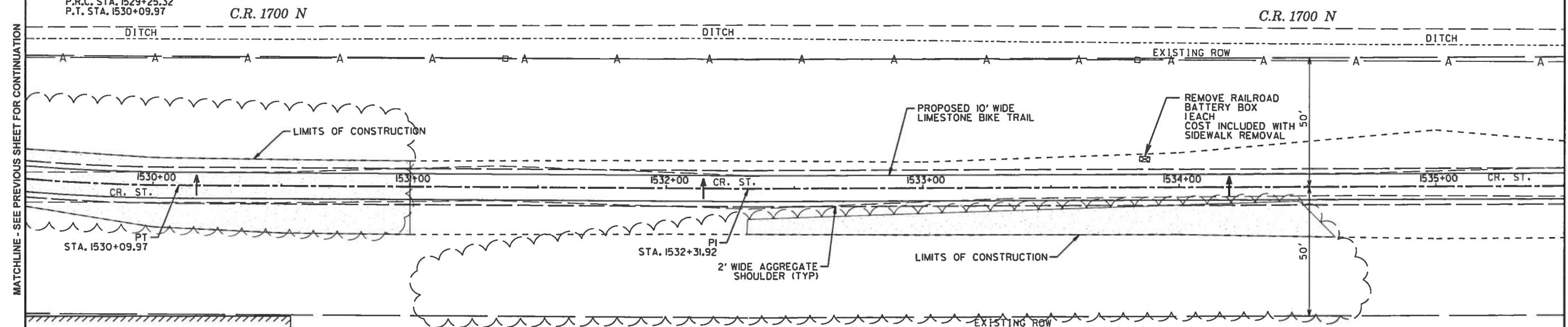


ROUTE NO.	SECTION	COUNTY	SHEET NO.	TOTAL SHEETS
KICKAPOO TRAIL	08-F3000-01-BT	VERMILION	26	87
STA.		TO STA.		
F.I.A.M.A. REG.		ILLINOIS PROJECT		

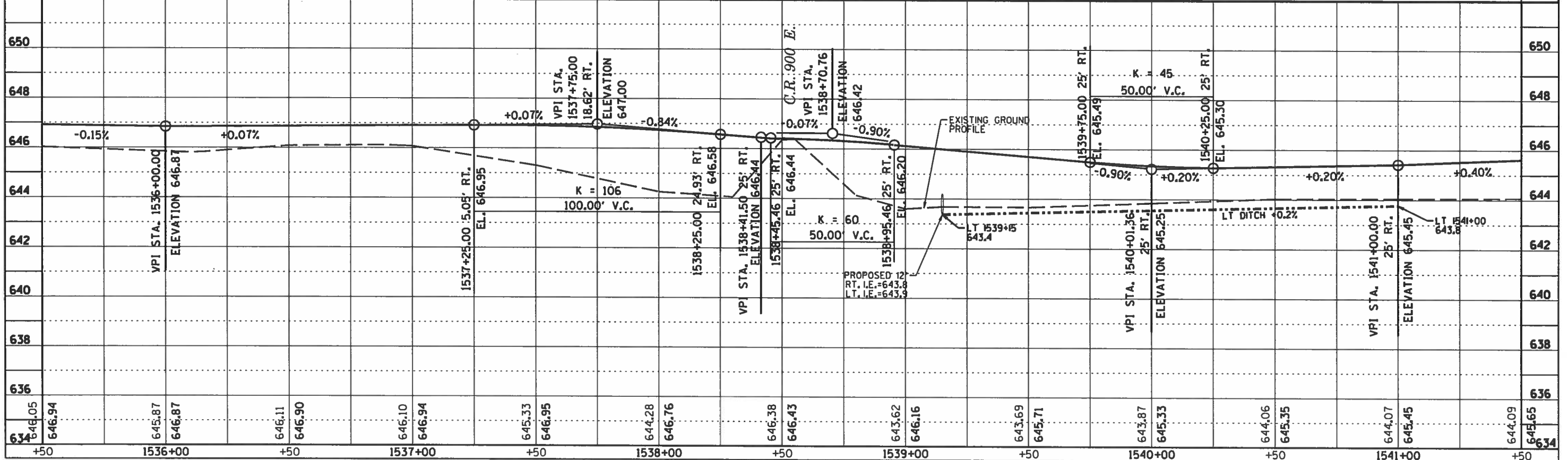
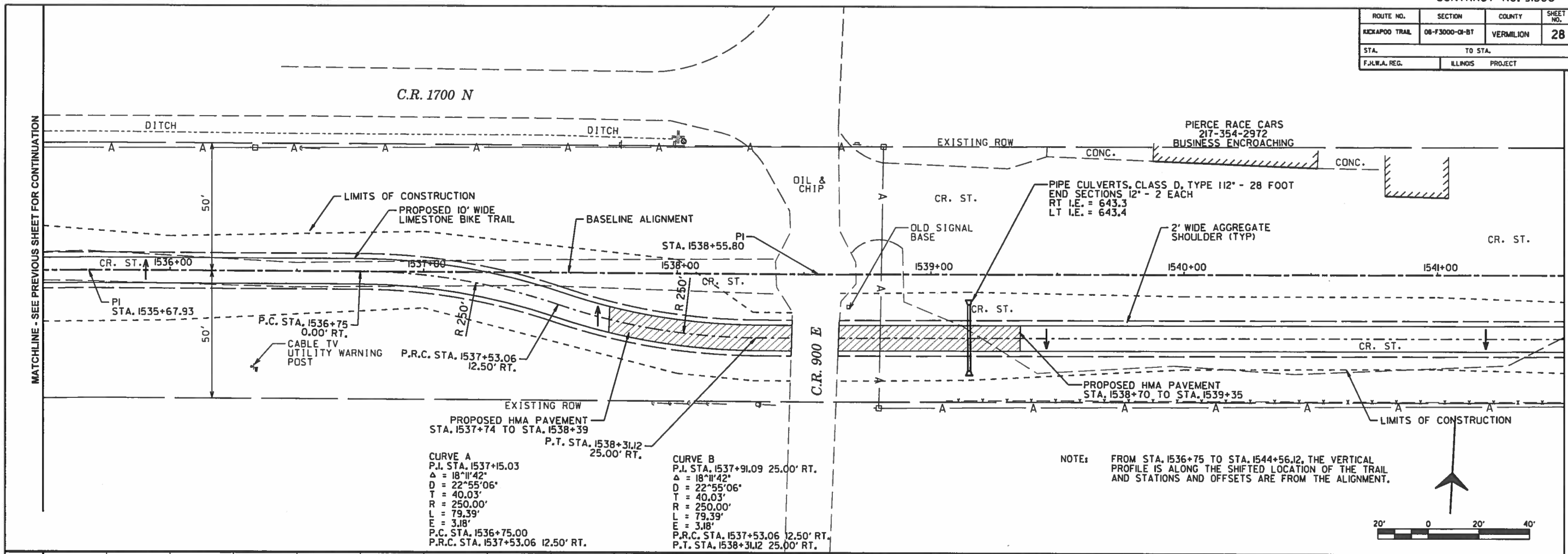


CURVE 13
 P.I. STA. 1529+67.68
 $\Delta = 6^{\circ}03'46''$
 $D = 7^{\circ}09'43''$
 $T = 42.37'$
 $R = 800.00'$
 $L = 84.65'$
 $E = 1.12'$
 P.R.C. STA. 1529+25.32
 P.T. STA. 1530+09.97

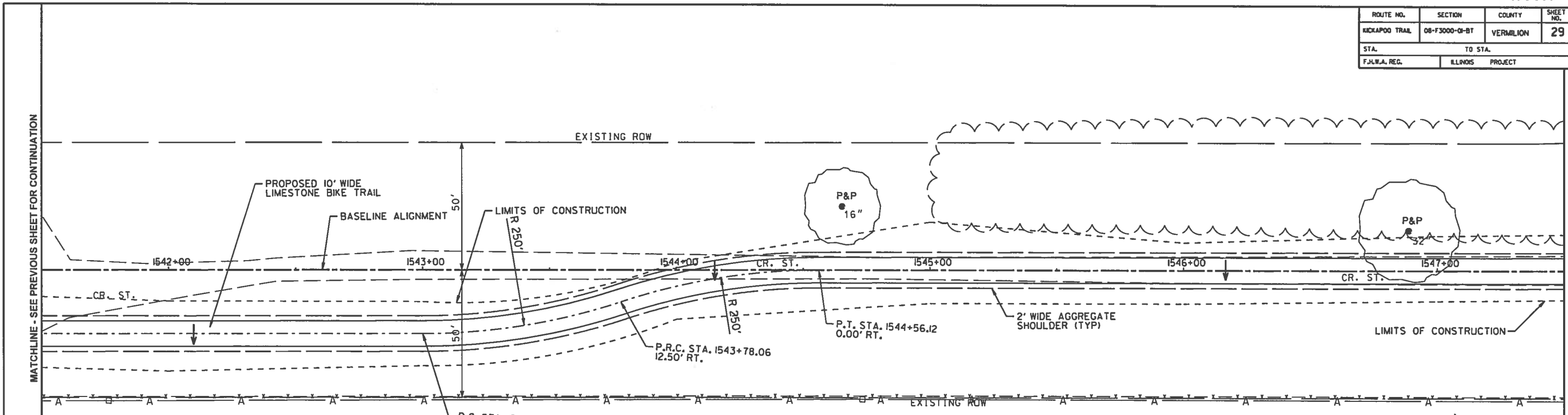
ROUTE NO.	SECTION	COUNTY	SHEET NO.	TOTAL SHEETS
KICKAPOO TRAIL	08-F3000-OI-BT	VERMILION	27	87



ROUTE NO.	SECTION	COUNTY	SHEET NO.	TOTAL SHEETS
KICKAPOO TRAIL	08-F3000-01-BT	VERMILION	28	87
STA.		TO STA.		
F.H.W.A. REG.		ILLINOIS PROJECT		



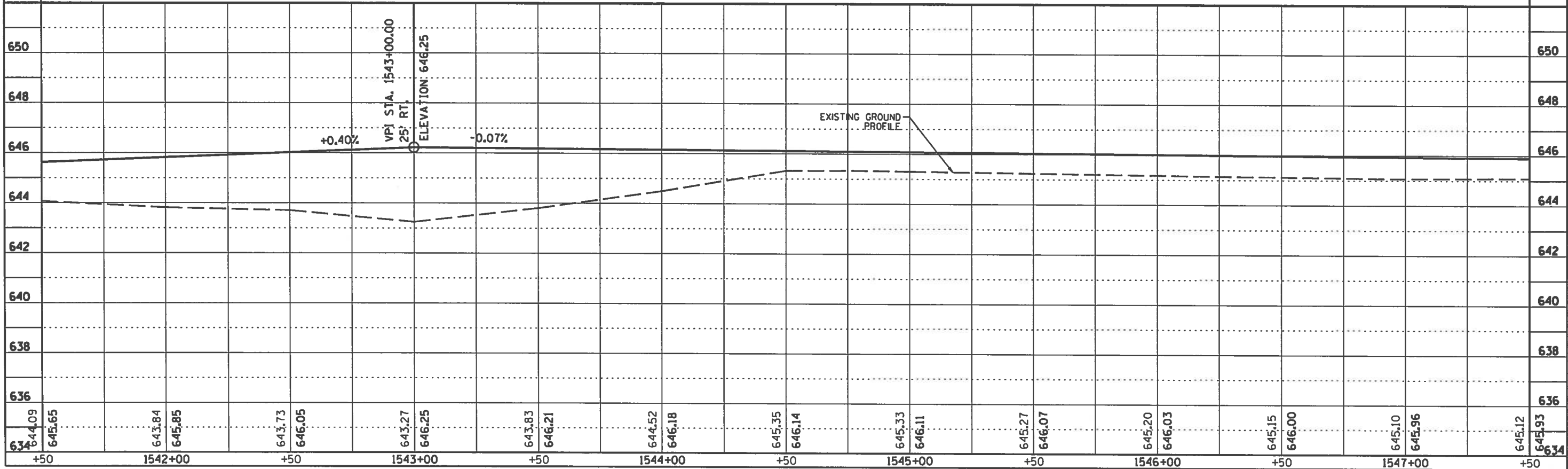
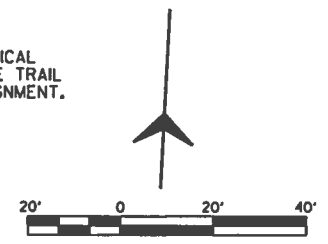
ROUTE NO.	SECTION	COUNTY	SHEET NO.	TOTAL SHEETS
KICKAPOO TRAIL	08-F3000-01-BT	VERMILION	29	87
STA.		TO STA.		
F.I.L.A. REG.		ILLINOIS PROJECT		



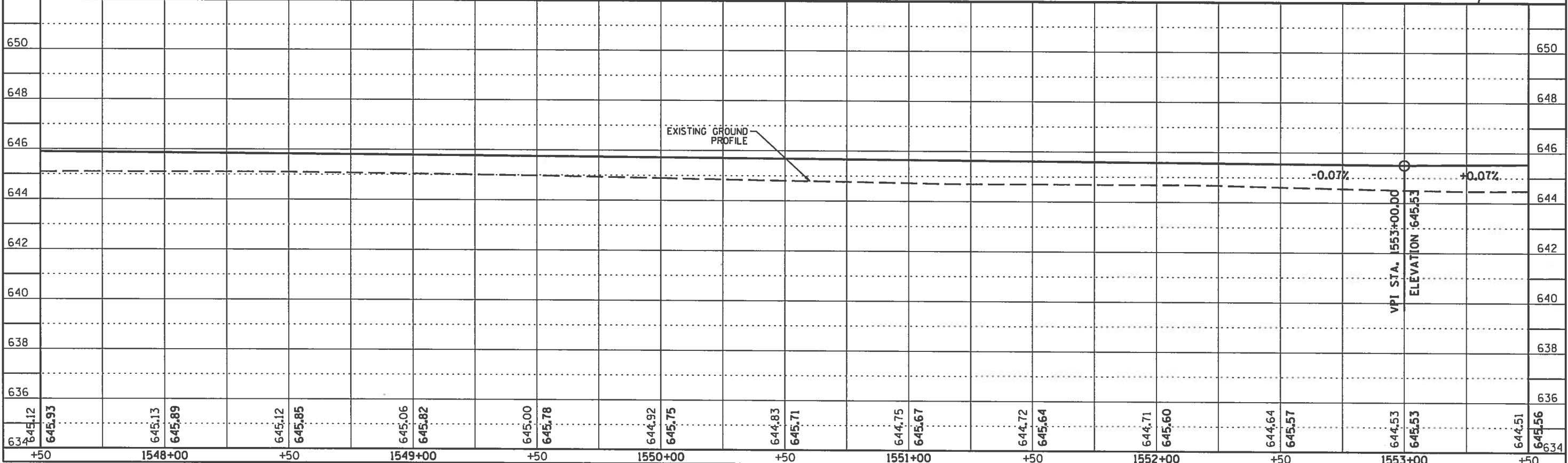
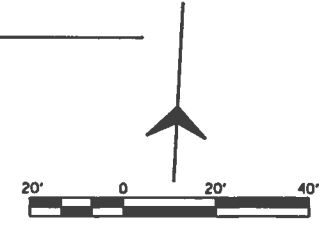
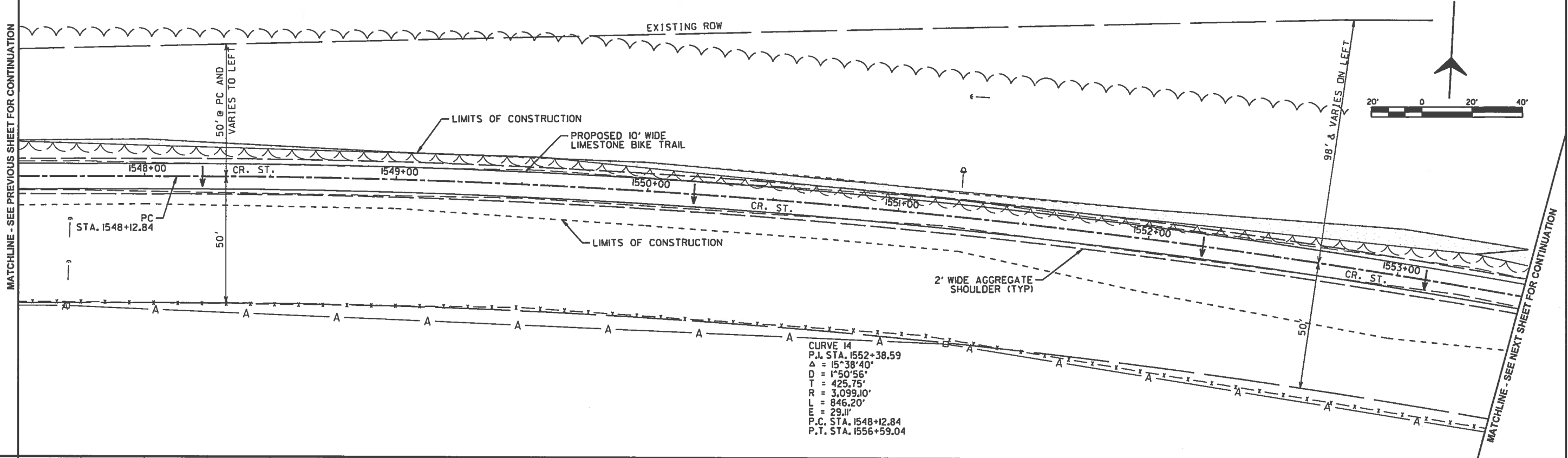
CURVE C
 P.I. STA. 1543+40.03 25' RT.
 $\Delta = 18^{\circ}11'42''$
 $D = 22^{\circ}55'06''$
 $T = 40.03'$
 $R = 250.00'$
 $L = 79.39'$
 $E = 3.18'$
 P.C. STA. 1543+00 25.00' RT.
 P.R.C. STA. 1543+78.06 12.50' RT.

CURVE D
 P.I. STA. 1544+16.09
 $\Delta = 18^{\circ}11'42''$
 $D = 22^{\circ}55'09''$
 $T = 40.03'$
 $R = 250.00'$
 $L = 79.39'$
 $E = 3.18'$
 P.R.C. STA. 1543+78.06 12.50' RT.
 P.T. STA. 1544+56.12

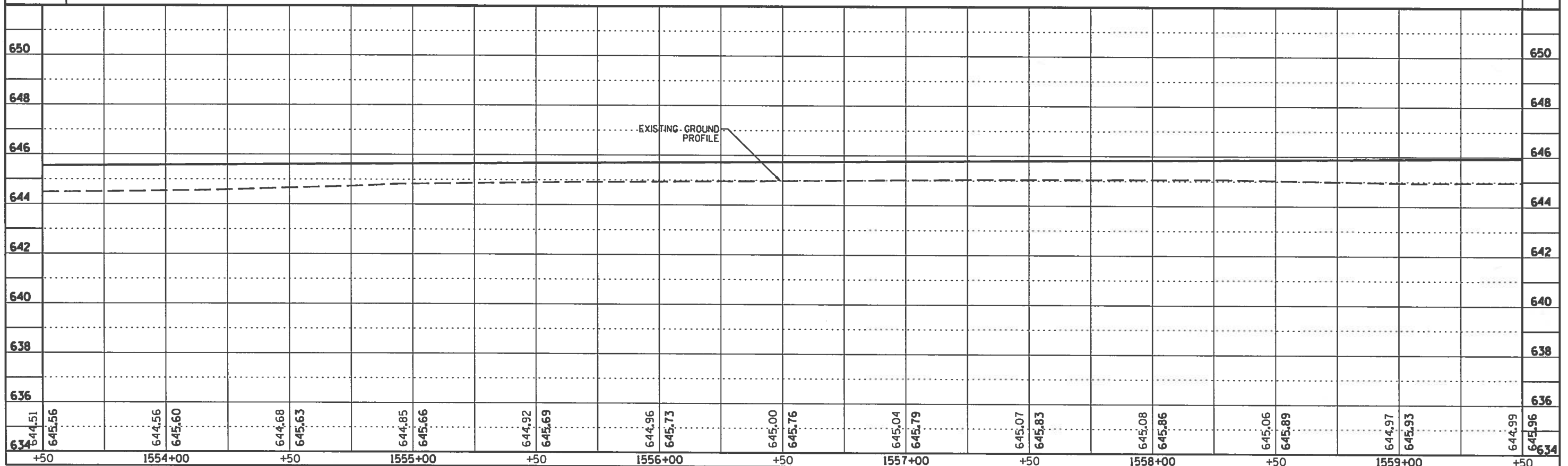
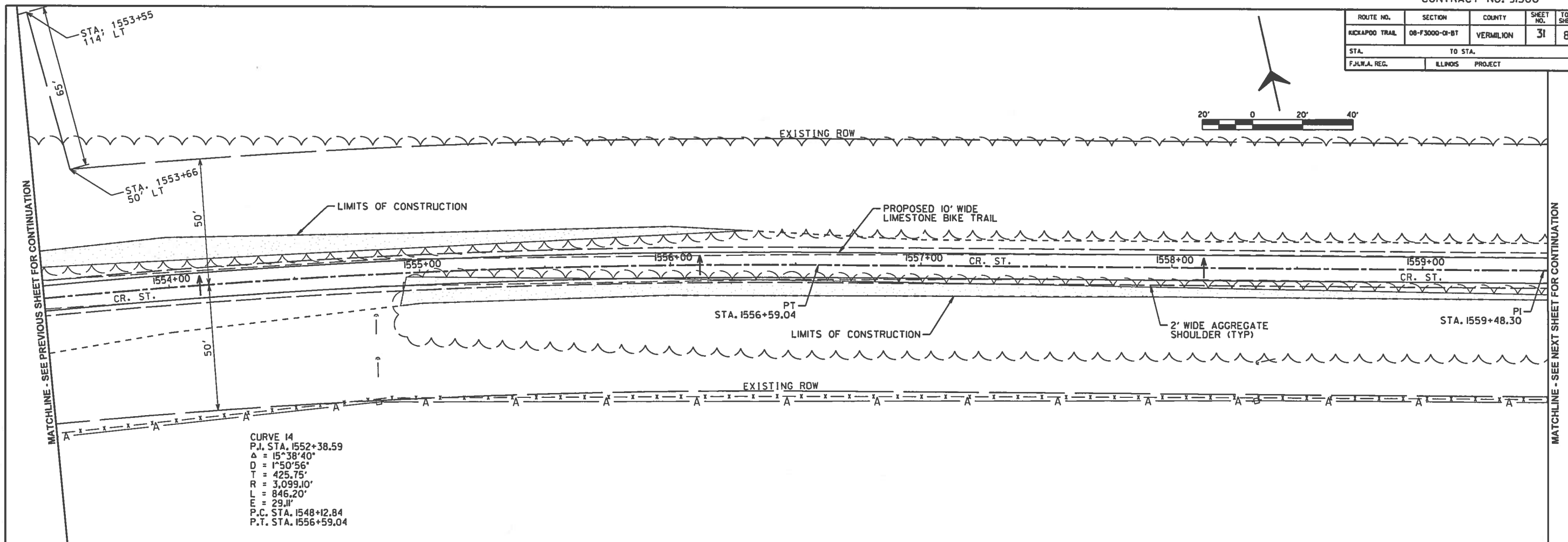
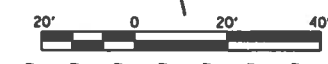
NOTE: FROM STA. 1536+75 TO STA. 1544+56.12, THE VERTICAL PROFILE IS ALONG THE SHIFTED LOCATION OF THE TRAIL AND STATIONS AND OFFSETS ARE FROM THE ALIGNMENT.



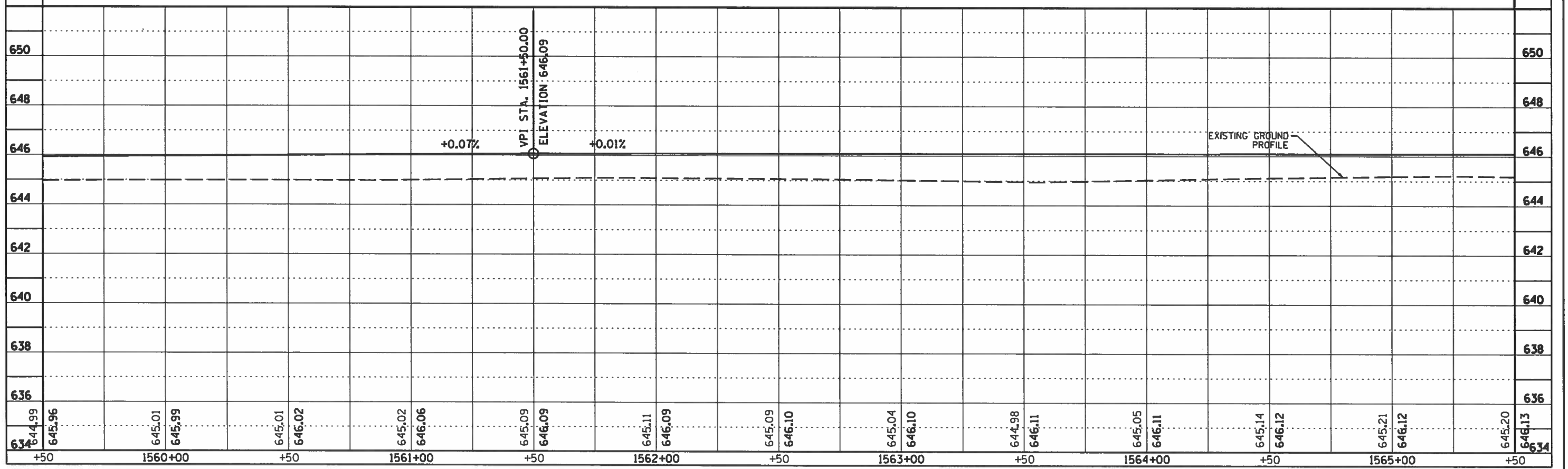
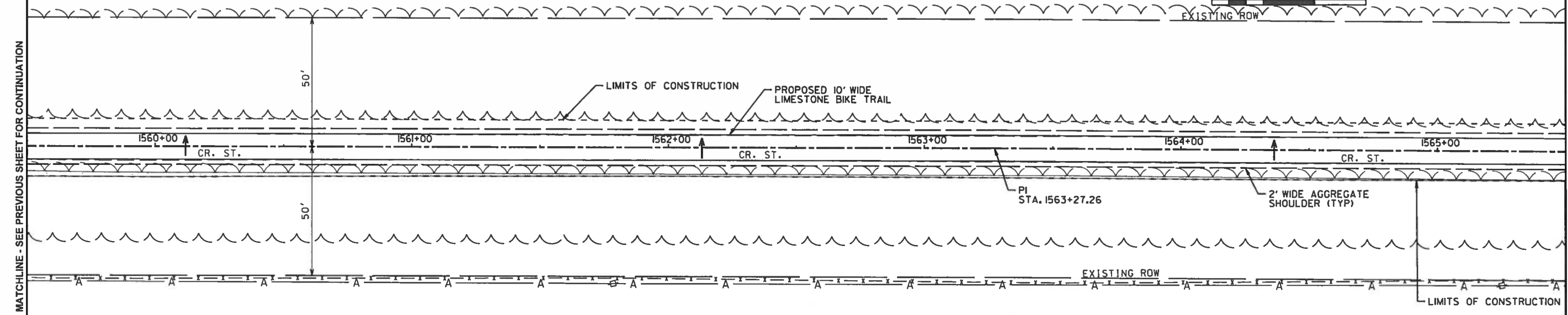
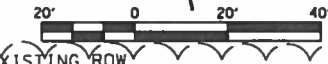
ROUTE NO.	SECTION	COUNTY	SHEET NO.	TOTAL SHEETS
KICKAPOO TRAIL	08-F3000-01-BT	VERMILION	30	87
STA.		TO STA.		
F.I.L.A. REG.		ILLINOIS PROJECT		



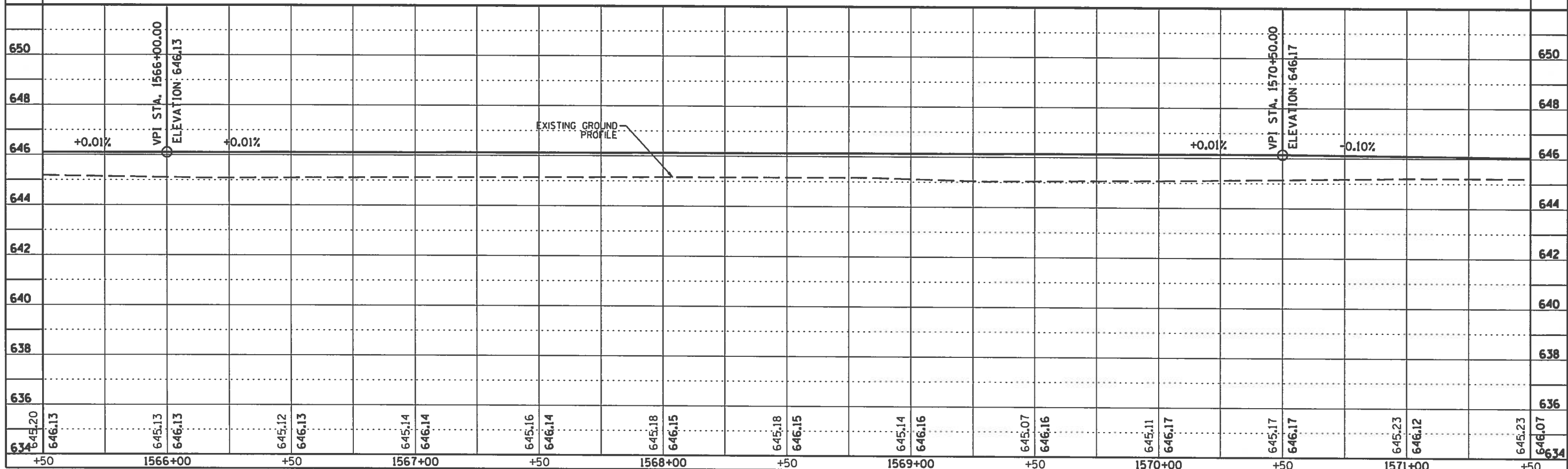
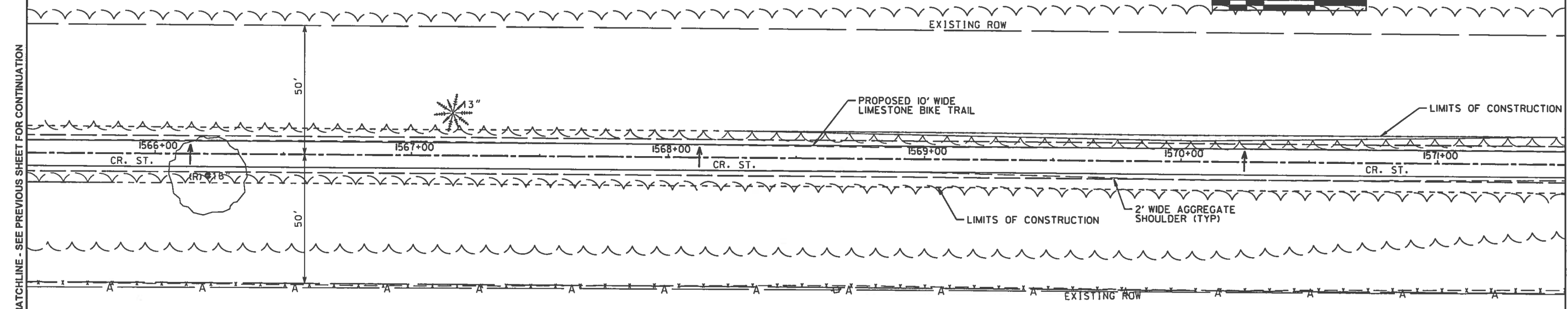
ROUTE NO.	SECTION	COUNTY	SHEET NO.	TOTAL SHEETS
KICKAPOO TRAIL	08-F3000-01-BT	VERMILION	31	87
STA.		TO STA.		
F.H.W.A. REG.	ILLINOIS	PROJECT		



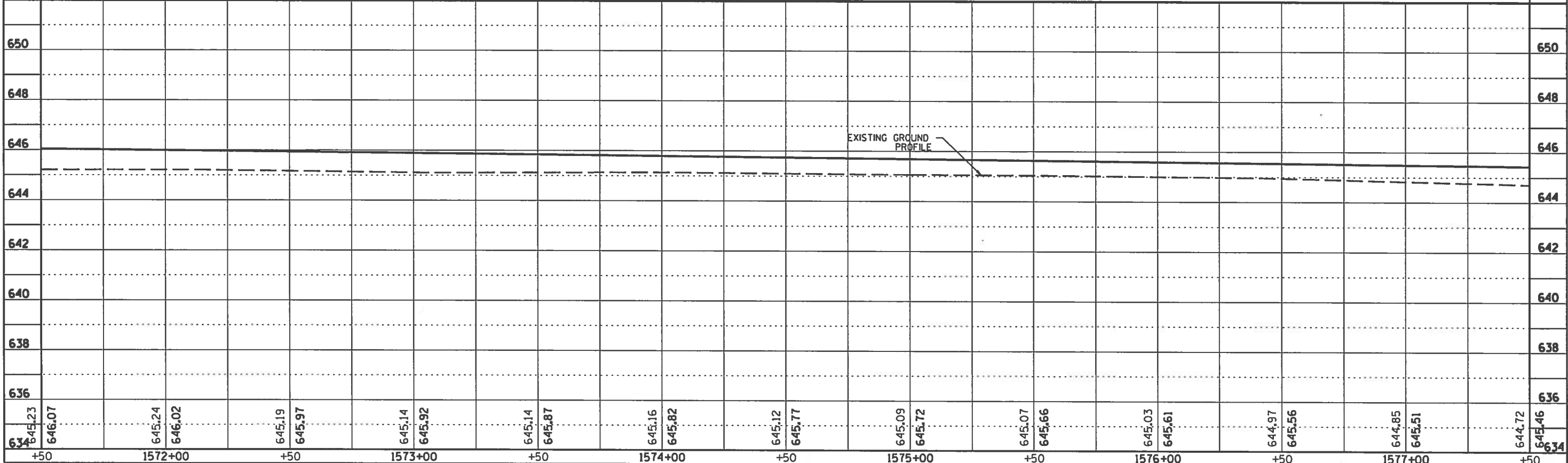
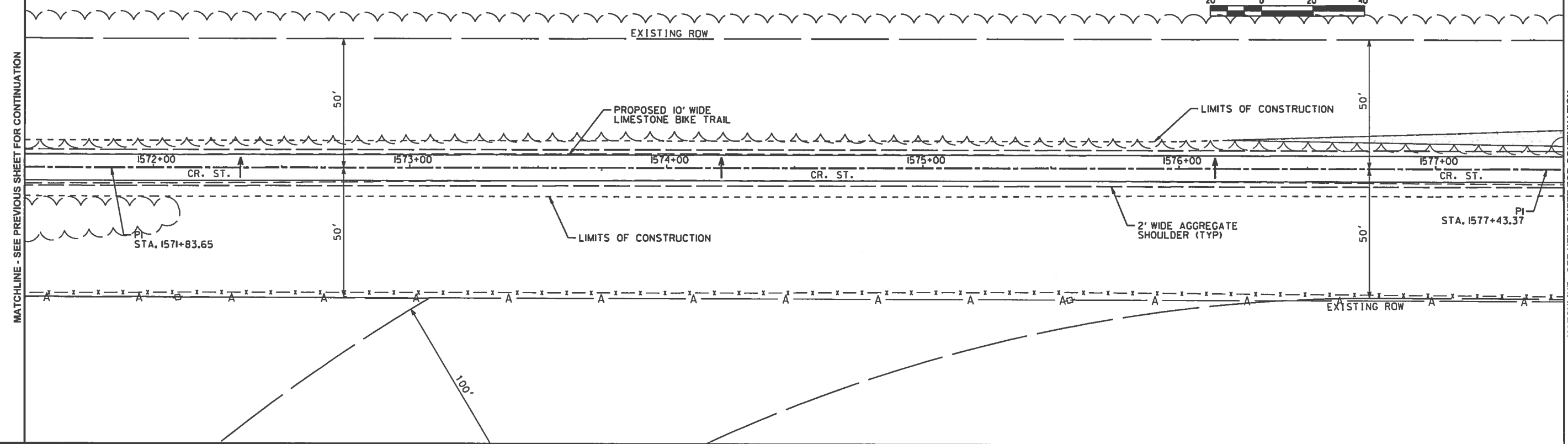
ROUTE NO.	SECTION	COUNTY	SHEET NO.	TOTAL SHEETS
KICKAPOO TRAIL	08-F3000-OI-BT	VERMILION	32	87
STA.		TO STA.		
F.H.W.A. REG.		ILLINOIS PROJECT		



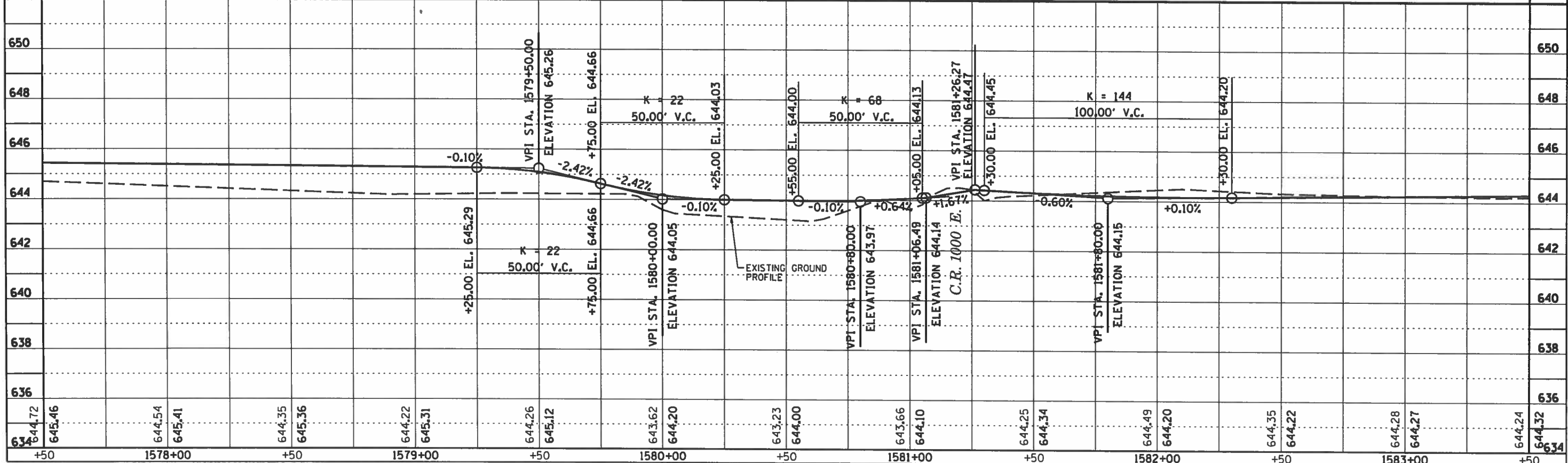
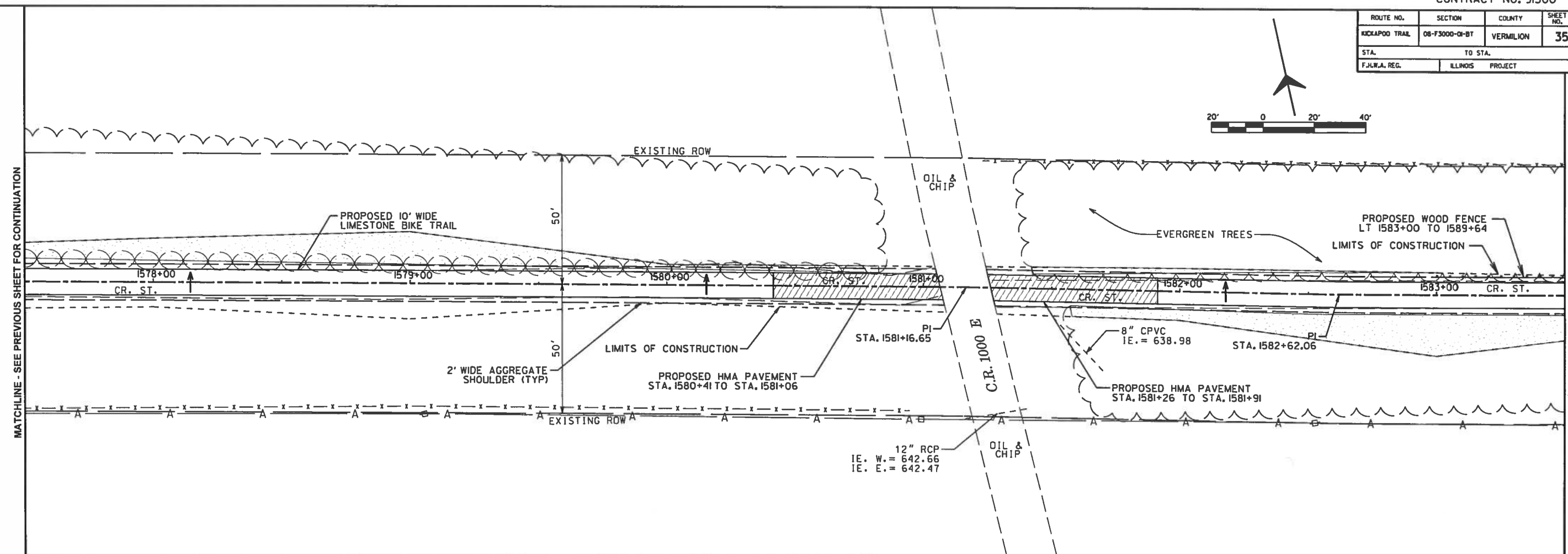
ROUTE NO.	SECTION	COUNTY	SHEET NO.	TOTAL SHEETS
KICKAPOO TRAIL	08-F3000-01-BT	VERMILION	33	87
STA.		TO STA.		
F.H.W.A. REG.		ILLINOIS PROJECT		



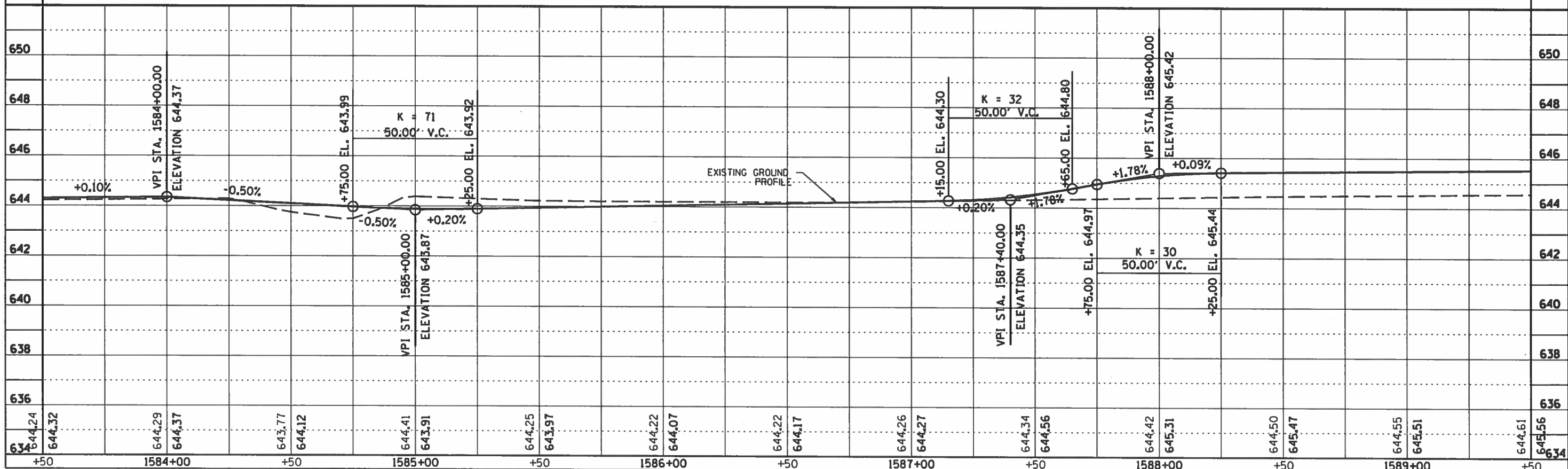
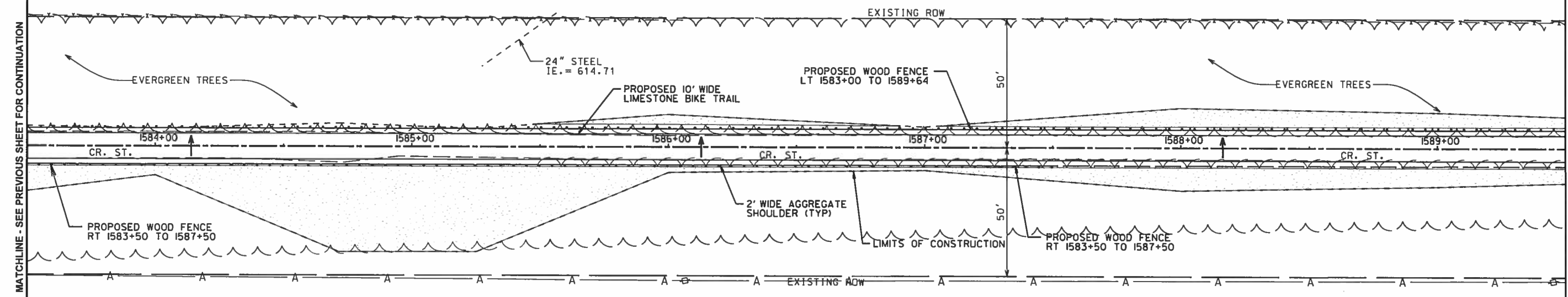
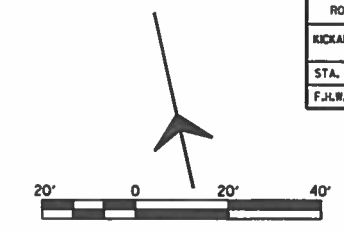
ROUTE NO.	SECTION	COUNTY	SHEET NO.	TOTAL SHEETS
KICKAPOO TRAIL	08-F3000-01-BT	VERMILION	34	87
STA.		TO STA.		
F.I.L.W.A. REG.		ILLINOIS PROJECT		



ROUTE NO.	SECTION	COUNTY	SHEET NO.	TOTAL SHEETS
KICKAPOO TRAIL	08-F3000-OI-BT	VERMILION	35	87
STA. TO STA.		ILLINOIS PROJECT		
F.H.W.A. REG.				

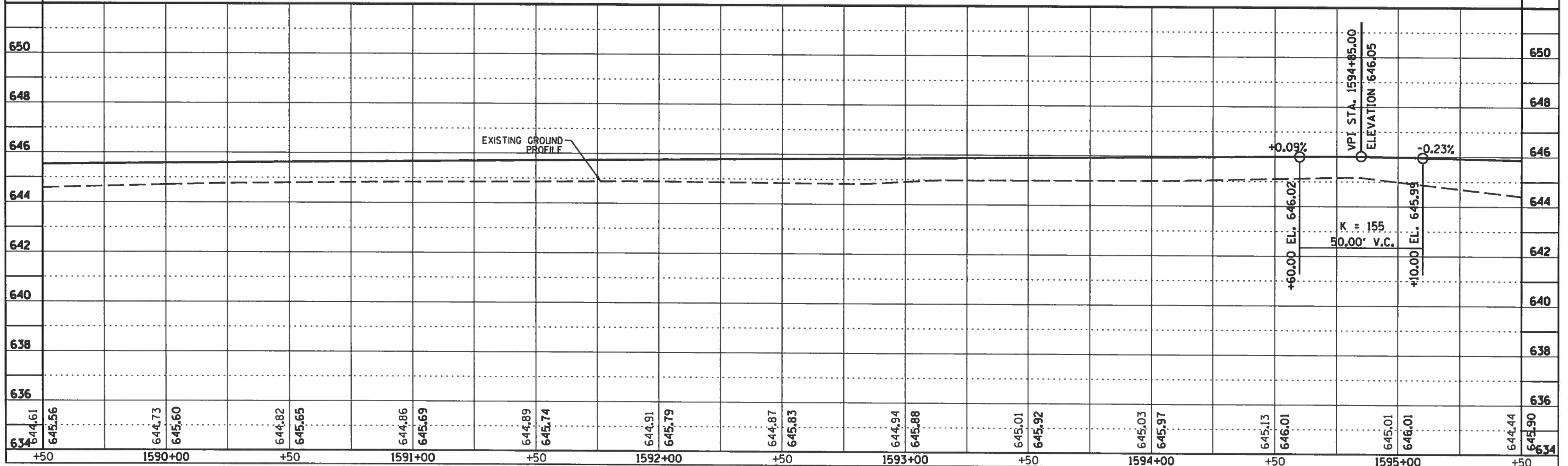
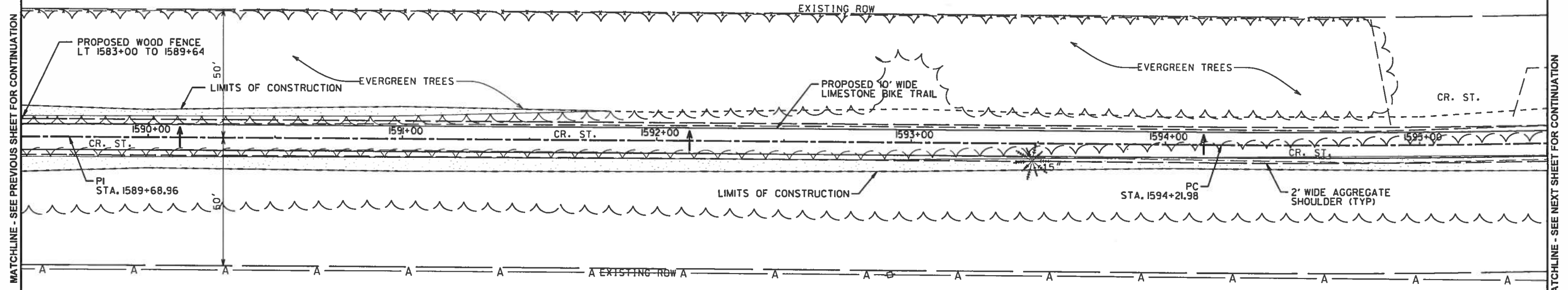
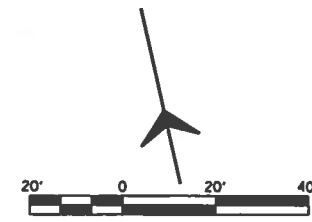


ROUTE NO.	SECTION	COUNTY	SHEET NO.	TOTAL SHEETS
KICKAPOO TRAIL	08-F3000-OI-BT	VERMILION	36	87
STA.		TO STA.		
F.H.W.A. REG.		ILLINOIS PROJECT		



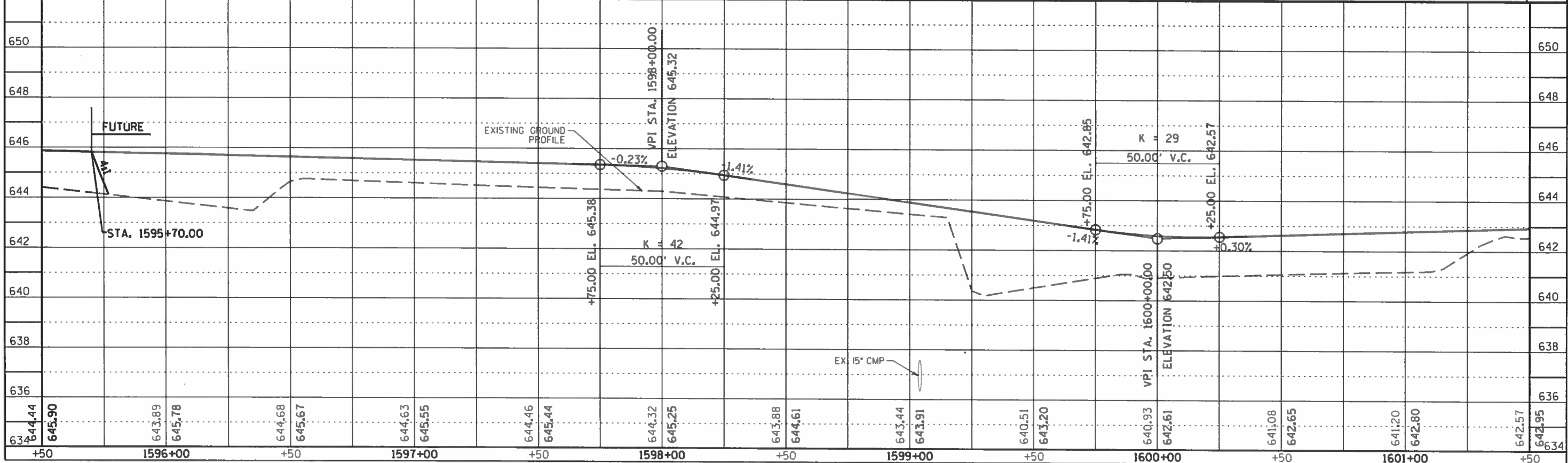
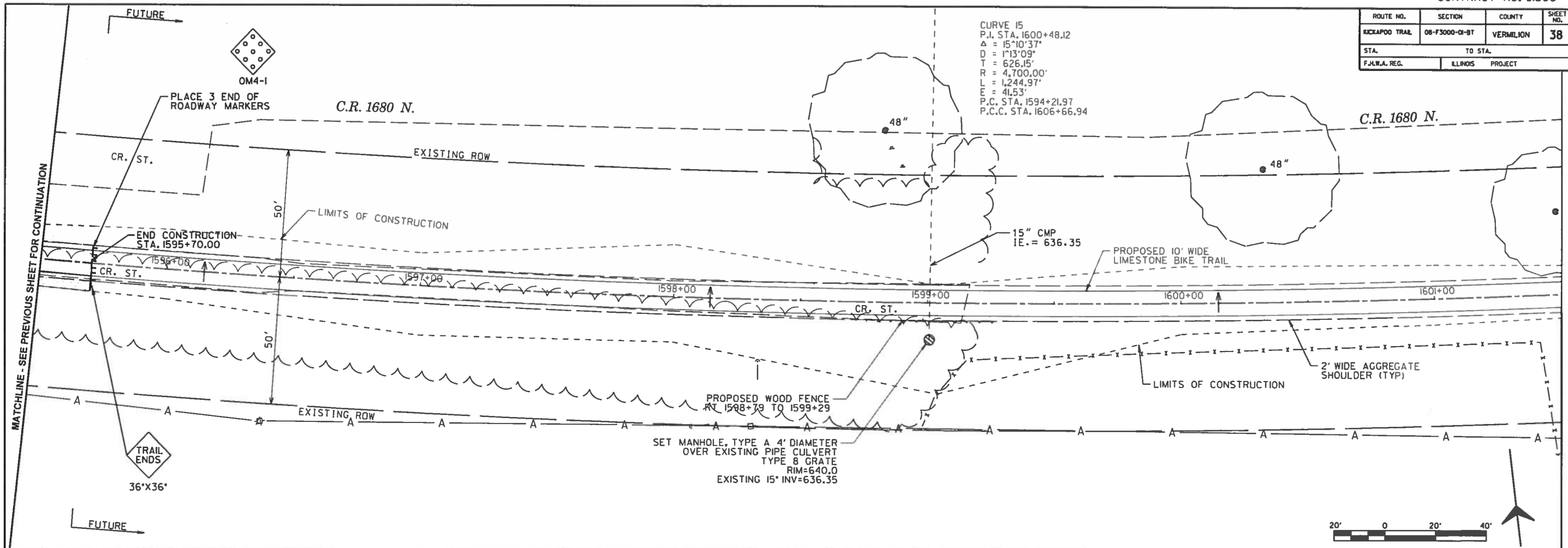
ROUTE NO.	SECTION	COUNTY	SHEET NO.	TOTAL SHEETS
KICKAPOO TRAIL	08-F3000-01-BT	VERMILION	37	87
STA.		TO STA.		
F.A.M.A. REG.	ILLINOIS	PROJECT		

CURVE 15
 P.I. STA. 1600+48.12
 $\Delta = 15^{\circ}10'37''$
 $D = 1^{\circ}13'09''$
 $T = 626.15'$
 $R = 4,700.00'$
 $L = 1,244.97'$
 $E = 41.53'$
 P.C. STA. 1594+21.97
 P.C.C. STA. 1606+66.94



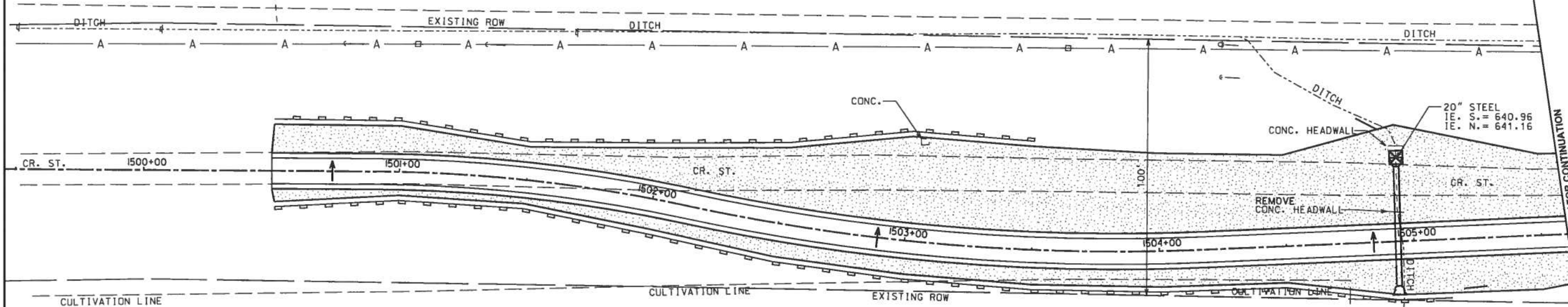
ROUTE NO.	SECTION	COUNTY	SHEET NO.	TOTAL SHEETS
KICKAPOO TRAIL	08-F3000-01-BT	VERMILION	38	87
STA.		TO STA.		
F.H.W.A. REG.		ILLINOIS PROJECT		

CURVE 15
 P.I. STA. 1600+48.12
 $\Delta = 15^{\circ}10'37"$
 $D = 1^{\circ}13'09"$
 $T = 626.15'$
 $R = 4,700.00'$
 $L = 1,244.97'$
 $E = 41.53'$
 P.C. STA. 1594+21.97
 P.C.C. STA. 1606+66.94



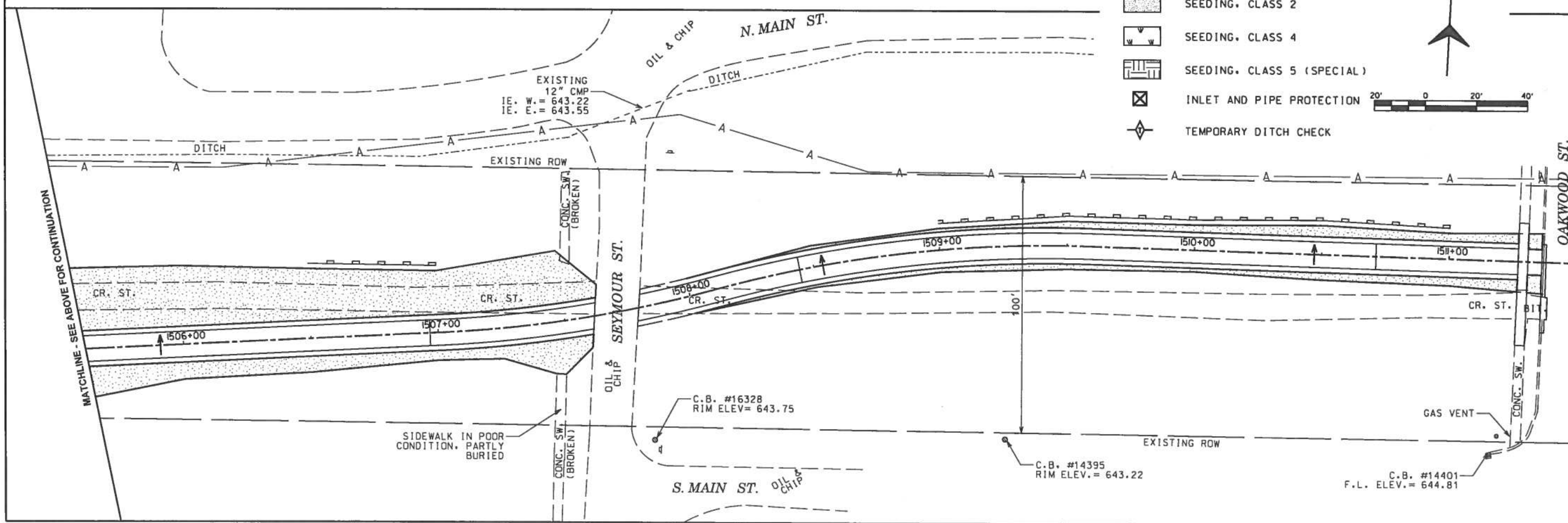
ROUTE NO.	SECTION	COUNTY	SHEET NO.	TOTAL SHEETS
KICKAPOO TRAIL	08-F3000-01-BT	VERMILION	39	87
STA.		TO STA.		
F.H.W.A. REG.		ILLINOIS PROJECT		

15" CMP
IE. S. = 643.83
IE. N. = 644.04

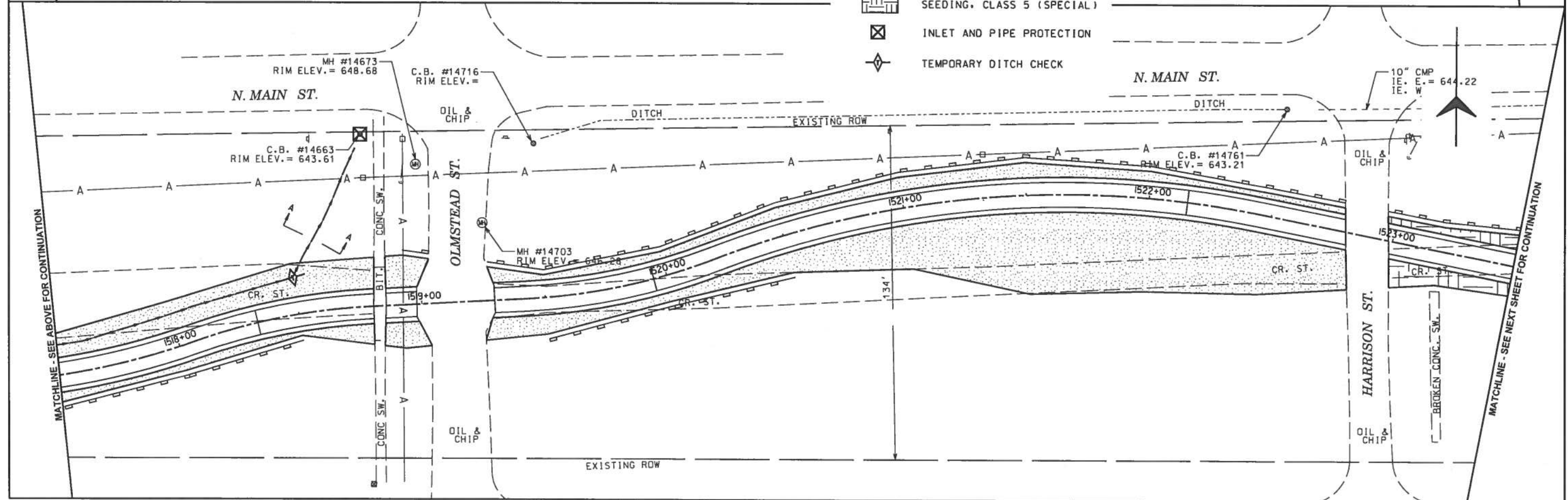
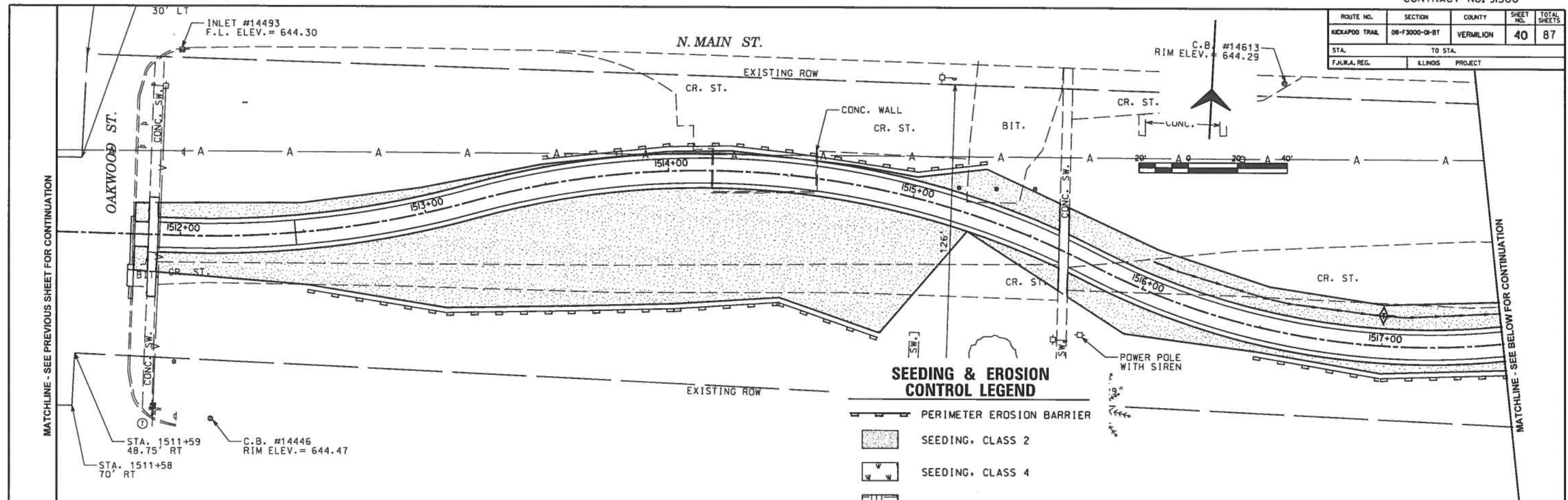


SEEDING & EROSION CONTROL LEGEND

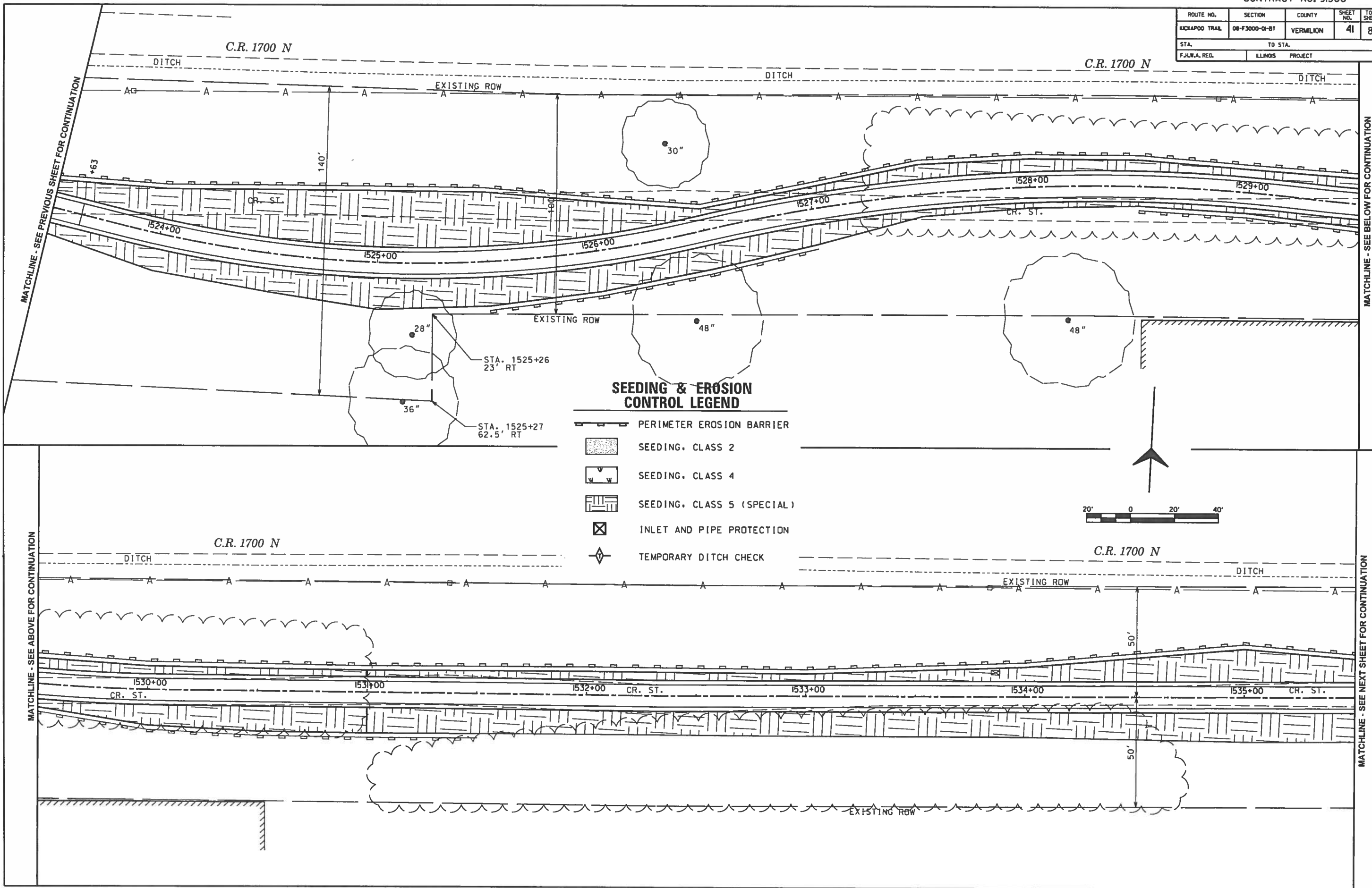
- PERIMETER EROSION BARRIER
- SEEDING, CLASS 2
- SEEDING, CLASS 4
- SEEDING, CLASS 5 (SPECIAL)
- INLET AND PIPE PROTECTION
- TEMPORARY DITCH CHECK









ROUTE NO.	SECTION	COUNTY	SHEET NO.	TOTAL SHEETS
KICKAPOO TRAIL	08-F3000-01-BT	VERMILION	40	87
STA.	TO STA.			
ILLINOIS REG.	ILLINOIS PROJECT			



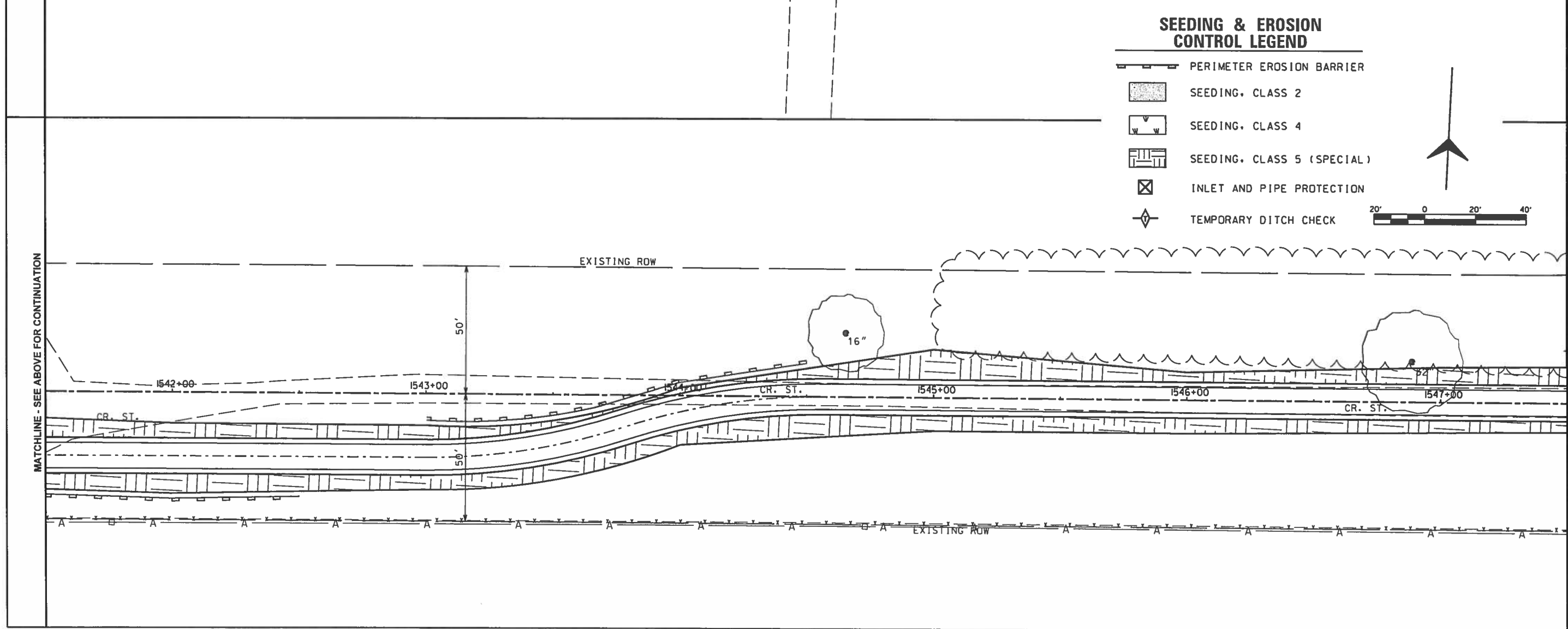
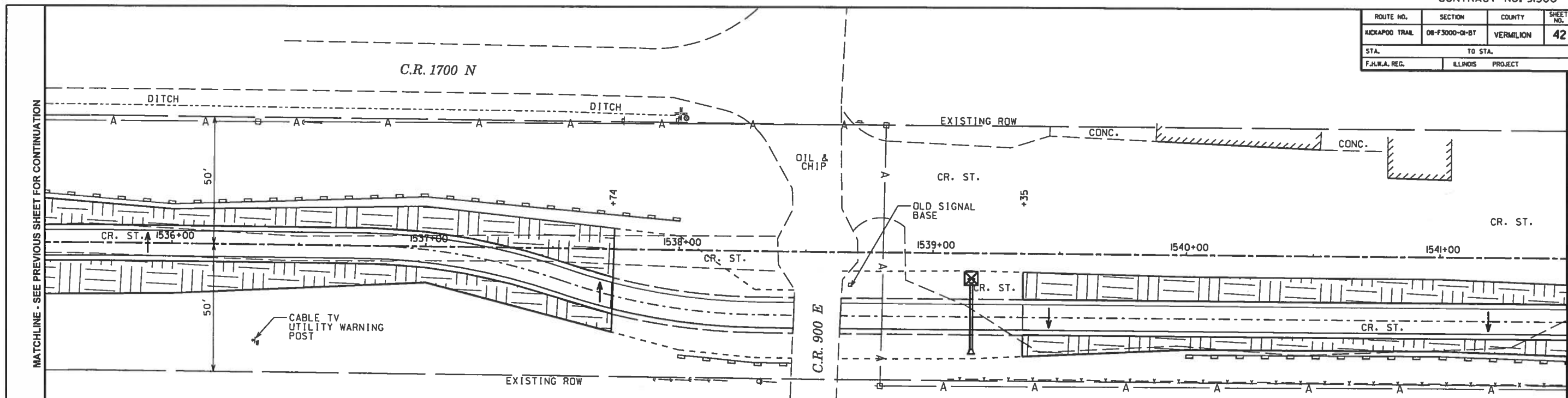
ROUTE NO.	SECTION	COUNTY	SHEET NO.	TOTAL SHEETS
KICKAPOO TRAIL	08-F3000-01-BT	VERMILION	41	87
STA.		TO STA.		
F.H.W.A. REG.		ILLINOIS PROJECT		









SEEDING & EROSION CONTROL LEGEND

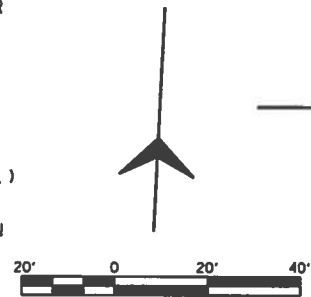
-  PERIMETER EROSION BARRIER
-  SEEDING, CLASS 2
-  SEEDING, CLASS 4
-  SEEDING, CLASS 5 (SPECIAL)
-  INLET AND PIPE PROTECTION
-  TEMPORARY DITCH CHECK

ROUTE NO.	SECTION	COUNTY	SHEET NO.	TOTAL SHEETS
KICKAPOO TRAIL	08-F3000-01-BT	VERMILION	42	87
STA.		TO STA.		
F.H.W.A. REG.		ILLINOIS PROJECT		

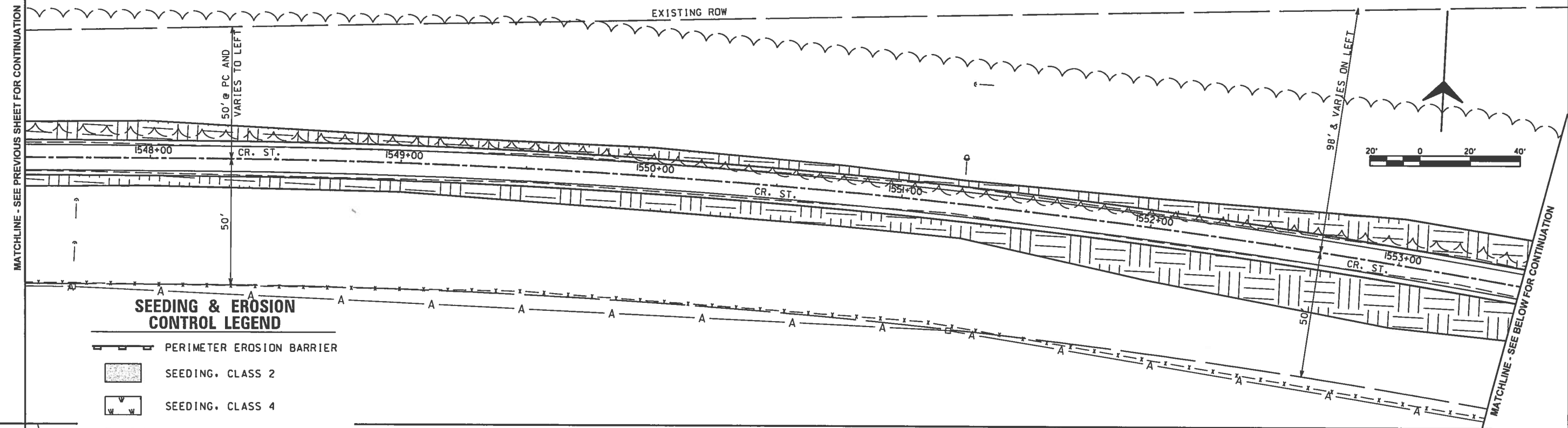


SEEDING & EROSION CONTROL LEGEND

-  PERIMETER EROSION BARRIER
-  SEEDING, CLASS 2
-  SEEDING, CLASS 4
-  SEEDING, CLASS 5 (SPECIAL)
-  INLET AND PIPE PROTECTION
-  TEMPORARY DITCH CHECK

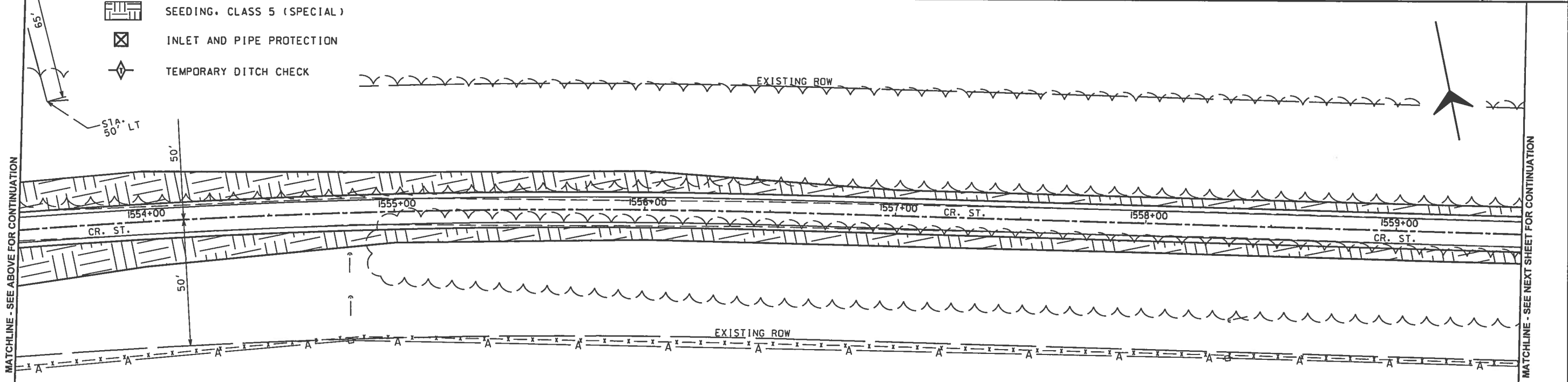


ROUTE NO.	SECTION	COUNTY	SHEET NO.	TOTAL SHEETS
KICKAPOO TRAIL	08-F3000-01-BT	VERMILION	43	87
STA.		TO STA.		
F.H.W.A. REG.		ILLINOIS	PROJECT	

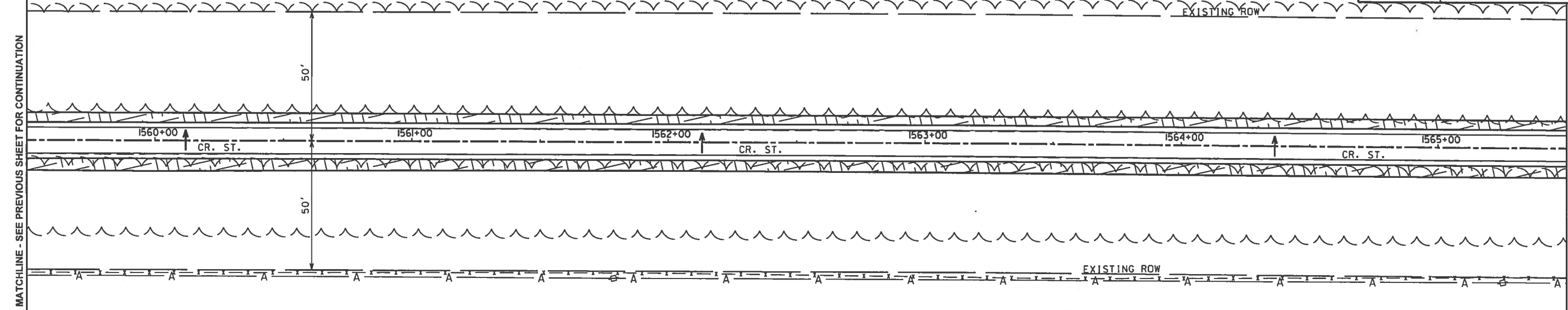


SEEDING & EROSION CONTROL LEGEND

- PERIMETER EROSION BARRIER
- SEEDING, CLASS 2
- SEEDING, CLASS 4
- SEEDING, CLASS 5 (SPECIAL)
- INLET AND PIPE PROTECTION
- TEMPORARY DITCH CHECK

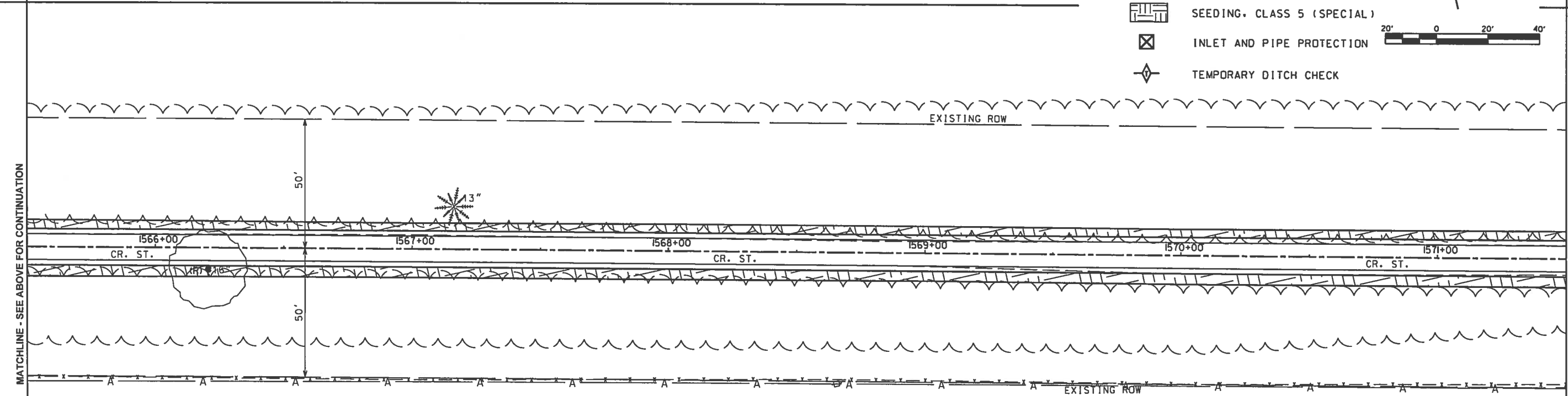
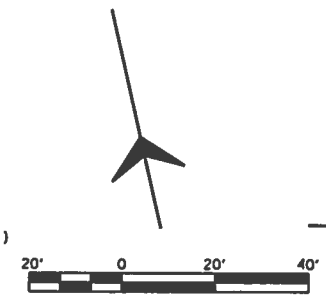


ROUTE NO.	SECTION	COUNTY	SHEET NO.	TOTAL SHEETS
KICKAPOO TRAIL	08-F3000-01-BT	VERMILION	44	87
STA.		TO STA.		
F.H.W.A. REG.		ILLINOIS PROJECT		

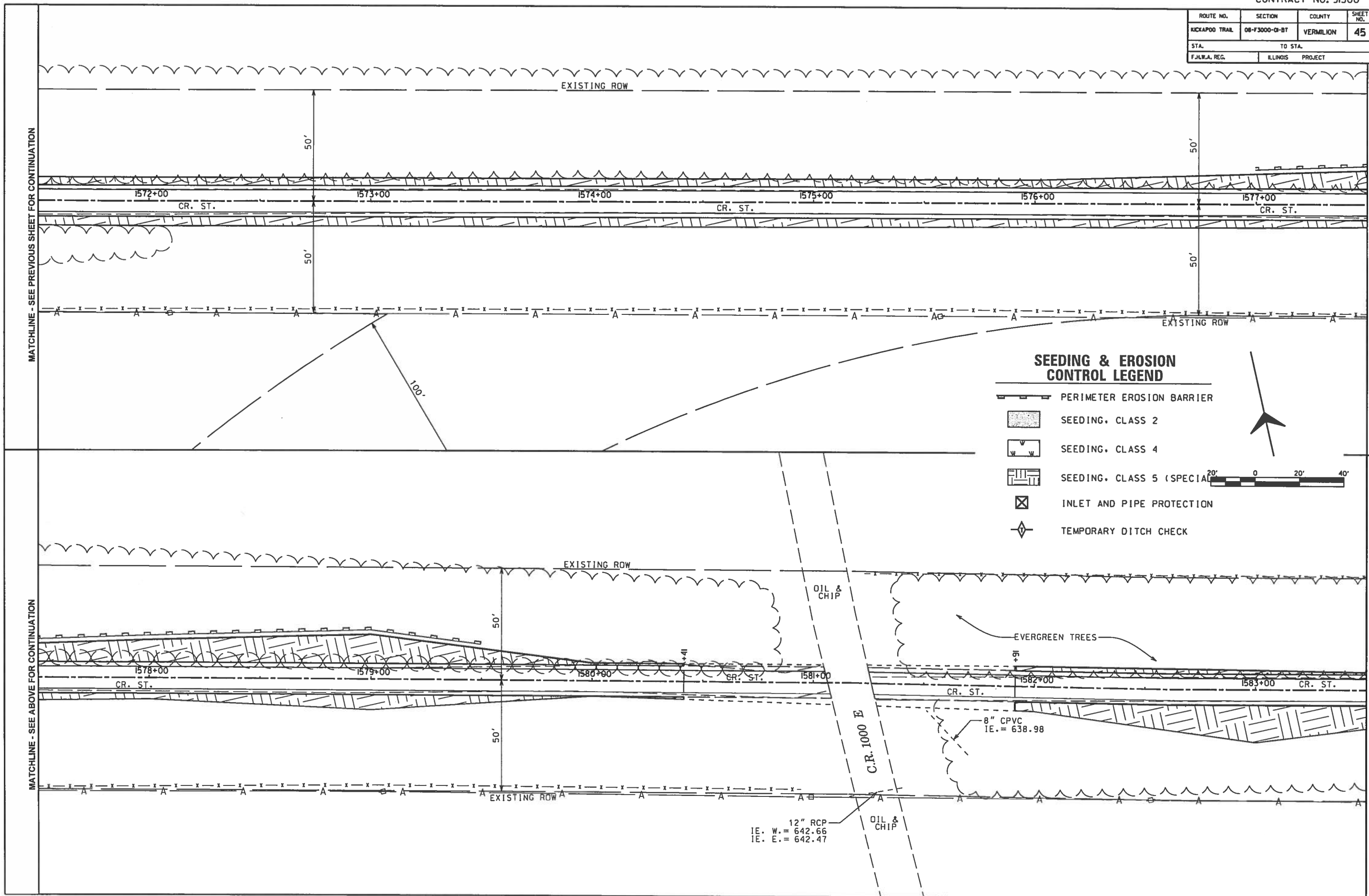


SEEDING & EROSION CONTROL LEGEND

- PERIMETER EROSION BARRIER
- SEEDING, CLASS 2
- SEEDING, CLASS 4
- SEEDING, CLASS 5 (SPECIAL)
- INLET AND PIPE PROTECTION
- TEMPORARY DITCH CHECK



ROUTE NO.	SECTION	COUNTY	SHEET NO.	TOTAL SHEETS
KICKAPOO TRAIL	08-F3000-01-BT	VERMILION	45	87
STA.		TO STA.		
F.H.W.A. REG.		ILLINOIS PROJECT		



SEEDING & EROSION CONTROL LEGEND

- PERIMETER EROSION BARRIER
- SEEDING, CLASS 2
- SEEDING, CLASS 4
- SEEDING, CLASS 5 (SPECIAL)
- INLET AND PIPE PROTECTION
- TEMPORARY DITCH CHECK



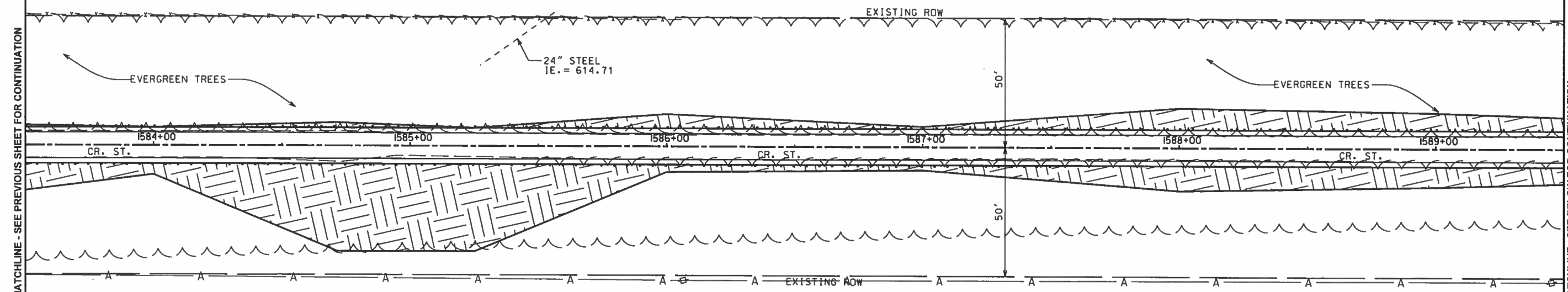
MATCHLINE - SEE PREVIOUS SHEET FOR CONTINUATION

MATCHLINE - SEE BELOW FOR CONTINUATION



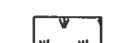



MATCHLINE - SEE ABOVE FOR CONTINUATION

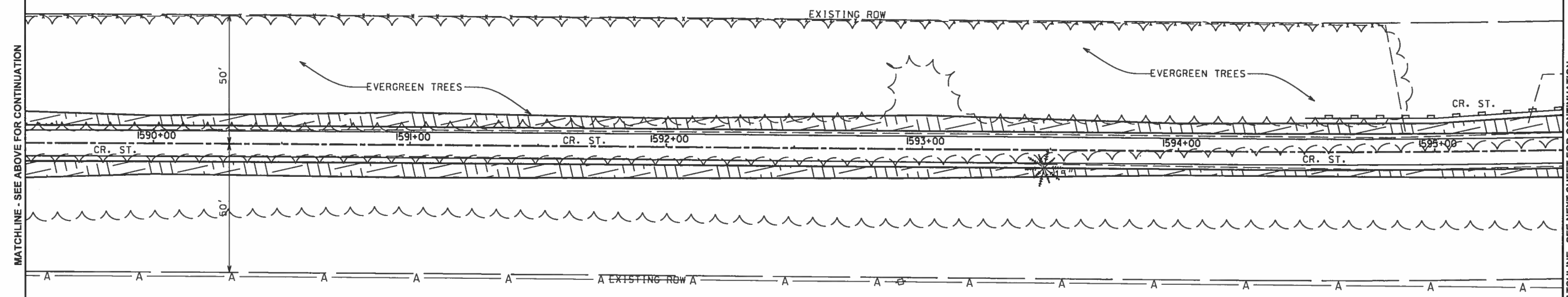
MATCHLINE - SEE NEXT SHEET FOR CONTINUATION

ROUTE NO.	SECTION	COUNTY	SHEET NO.	TOTAL SHEETS
KICKAPOO TRAIL	08-F3000-OI-BT	VERMILION	46	87
STA.		TO STA.		
F.H.W.A. REG.	ILLINOIS	PROJECT		

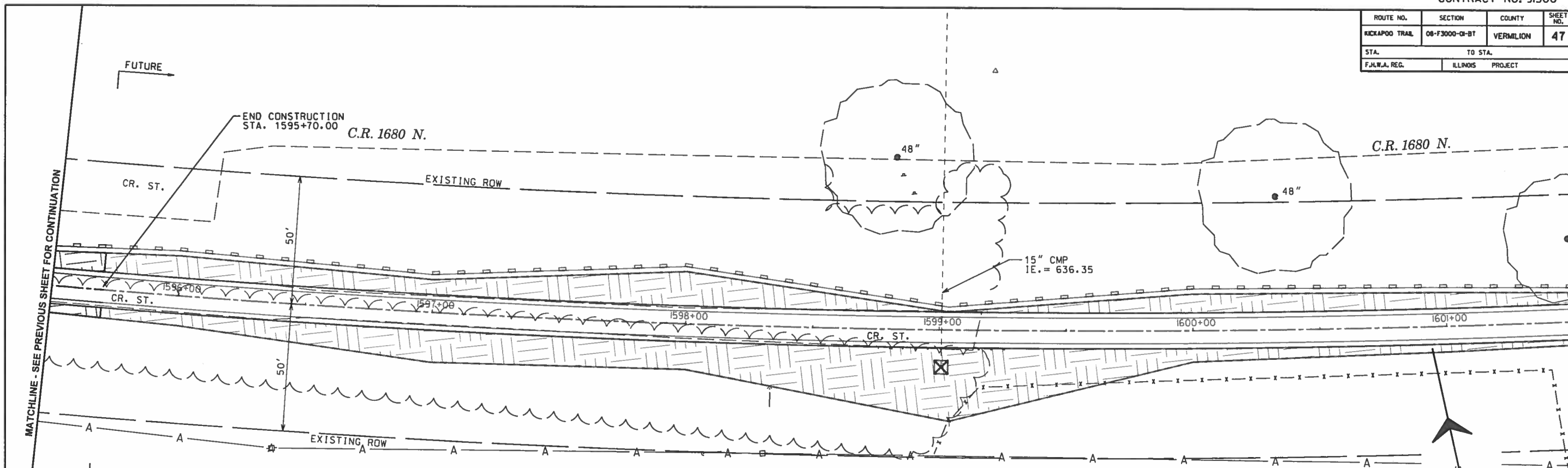


SEEDING & EROSION CONTROL LEGEND

-  PERIMETER EROSION BARRIER
-  SEEDING, CLASS 2
-  SEEDING, CLASS 4
-  SEEDING, CLASS 5 (SPECIAL)
-  INLET AND PIPE PROTECTION
-  TEMPORARY DITCH CHECK



ROUTE NO.	SECTION	COUNTY	SHEET NO.	TOTAL SHEETS
KICKAPOO TRAIL	08-F3000-OI-BT	VERMILION	47	87
STA.		TO STA.		
F.H.W.A. REG.		ILLINOIS PROJECT		

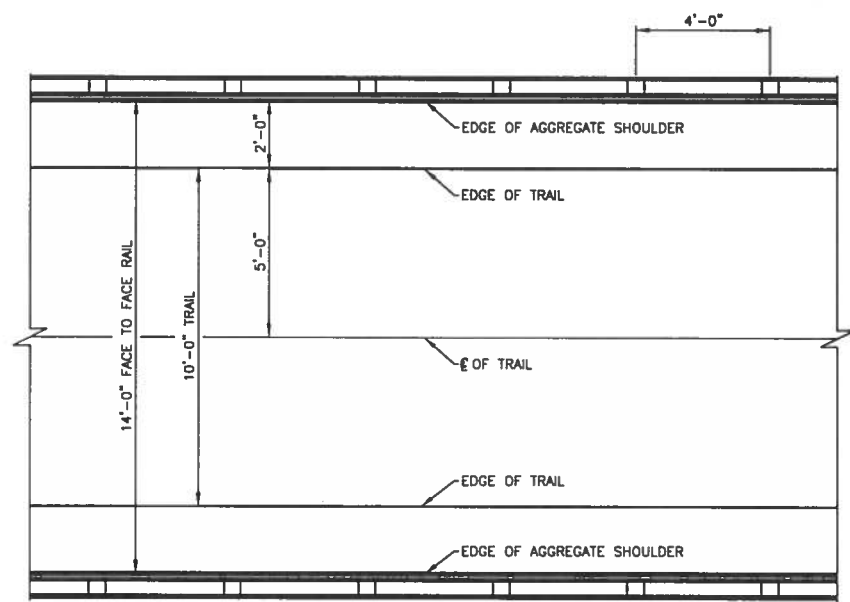


SEEDING & EROSION CONTROL LEGEND

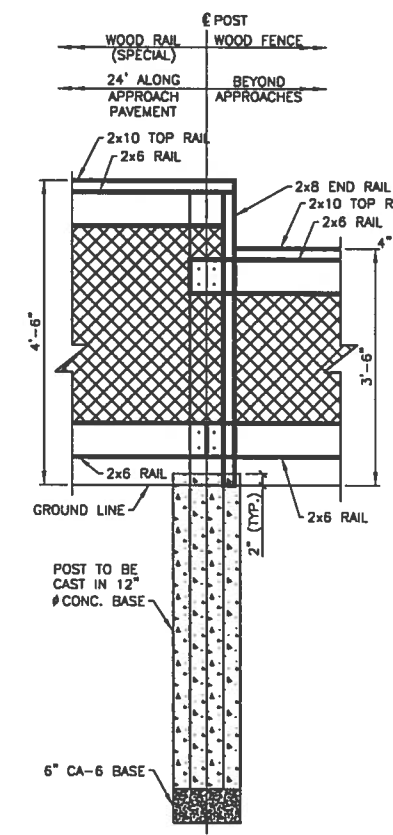
- PERIMETER EROSION BARRIER
- SEEDING, CLASS 2
- SEEDING, CLASS 4
- SEEDING, CLASS 5 (SPECIAL)
- INLET AND PIPE PROTECTION
- TEMPORARY DITCH CHECK



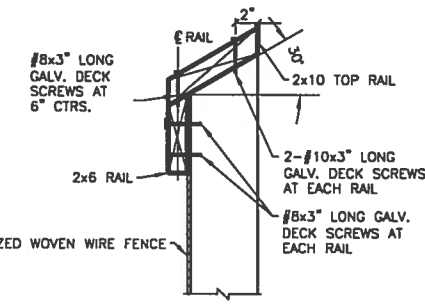
ROUTE NO.	SECTION	COUNTY	SHEET NO.	TOTAL SHEETS
KICKAPOO TRAIL	08-F3000-01-BT	VERMILION	48	87
STA.		TO STA.		
F.H.W.A. REG.		ILLINOIS PROJECT		



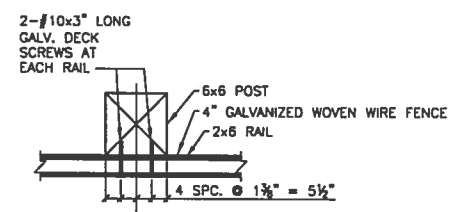
PLAN
SCALE: 3/8" = 1'-0"



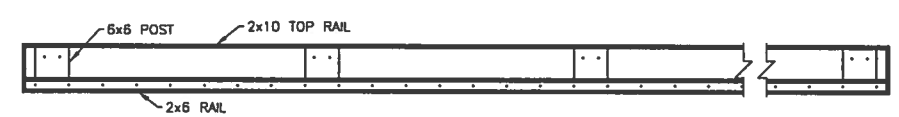
RAIL TRANSITION DETAIL
SCALE: 3/8" = 1'-0"



SECTION C-C
SCALE: 1 1/2" = 1'-0"

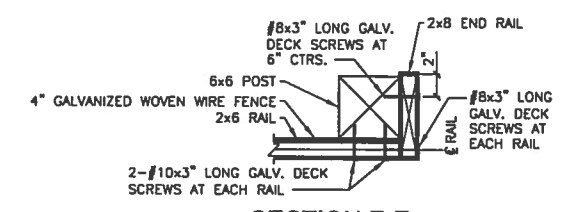


SECTION D-D
SCALE: 1 1/2" = 1'-0"

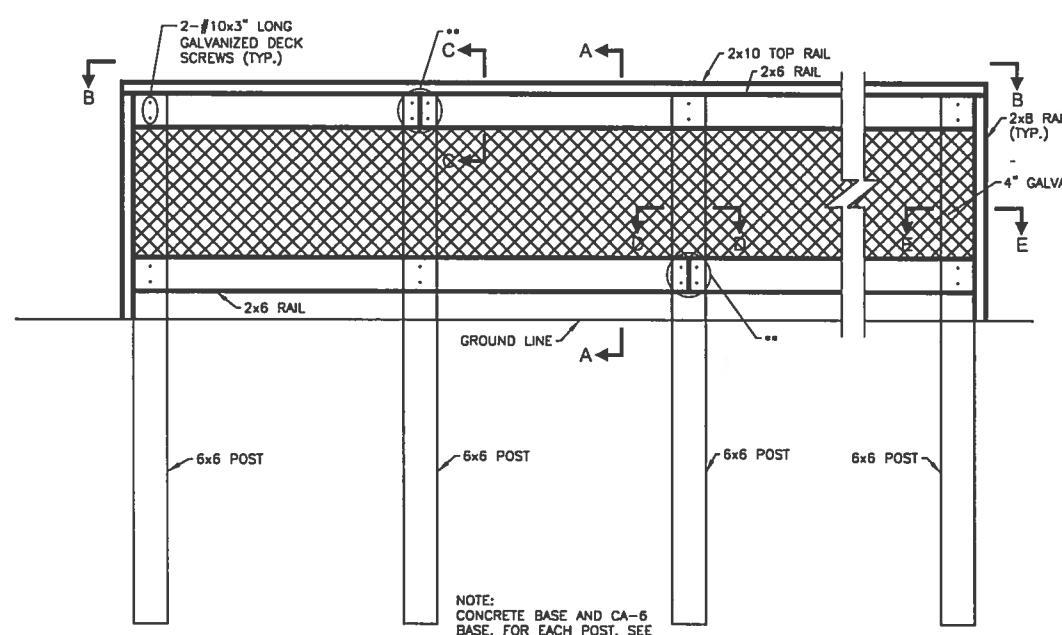


SECTION B-B
SCALE: 3/8" = 1'-0"

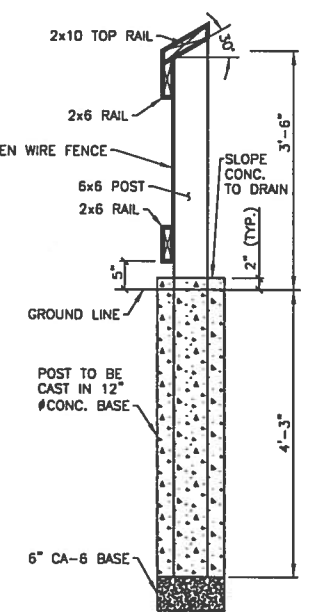
** WOOD RAIL MEMBERS SHALL RUN CONTINUOUS OVER A MINIMUM OF TWO SPANS. ALTERNATE SPLICE LOCATIONS AT EACH POST.



SECTION E-E
SCALE: 1 1/2" = 1'-0"



INSIDE RAIL ELEVATION
SCALE: 3/8" = 1'-0"



SECTION A-A
SCALE: 3/8" = 1'-0"

GENERAL NOTES

- ALL BOLTS, NUTS WASHERS AND SCREWS SHALL BE STEEL, HOT DIPPED GALVANIZED IN ACCORDANCE WITH ARTICLE 1006.29(d) OF THE STANDARD SPECIFICATIONS. BOLT HOLES IN LUMBER SHALL BE AS SPECIFIED IN THE SPECIFICATIONS.
- DECK SCREWS SHALL BE STEEL, HOT DIPPED GALVANIZED AND SHALL HAVE FLAT HEADS WITH A SQUARE DRIVE. PREDRILL HOLES TO RECEIVE DECK SCREWS.
- THE COST OF ALL HARDWARE INCLUDING BOLTS, NUTS WASHERS AND SCREWS COMPLETE WITH MATERIAL AND INSTALLATION SHALL BE INCLUDED IN THE BID UNIT PRICE FOR WOOD RAIL (SPECIAL) AND WOOD FENCE".
- ALL LUMBER SIZES SHOWN ARE NOMINAL DIMENSIONS.
- ALL LUMBER SHALL BE TREATED AND SURFACED ON ALL FOUR SIDES.
- ALL TREATED LUMBER MEMBERS SHALL MEET THE REQUIREMENTS OF SECTION 1007.05 OF THE STANDARD SPECIFICATIONS AND HAVE A PRESERVATIVE TREATMENT IN ACCORDANCE WITH SECTION 1007.12(A)(3) OF THE STANDARD SPECIFICATIONS. RAILS SHALL HAVE A MINIMUM RETENTION OF 0.25 POUNDS PER CUBIC FOOT AND POST SHALL HAVE A MINIMUM RETENTION OF 0.40 POUNDS PER CUBIC FOOT. EACH MEMBER SHALL CARRY A GRADE STAMP AND QUALITY ASSURANCE STAMP INDICATING CLASS OF TIMBER AND CHEMICAL RETENTION.
- THE COST FOR ALL CHAIN LINK FENCE HARDWARE, USED TO ATTACH, SHALL BE INCLUDED WITH "WOOD RAIL (SPECIAL)" & "WOOD FENCE".
- SEE SCHEDULES, PLAN & PROFILE SHEETS FOR LOCATIONS AND BILLING OF WOOD RAIL & WOOD FENCE.

DESIGN STRESSES

TIMBER

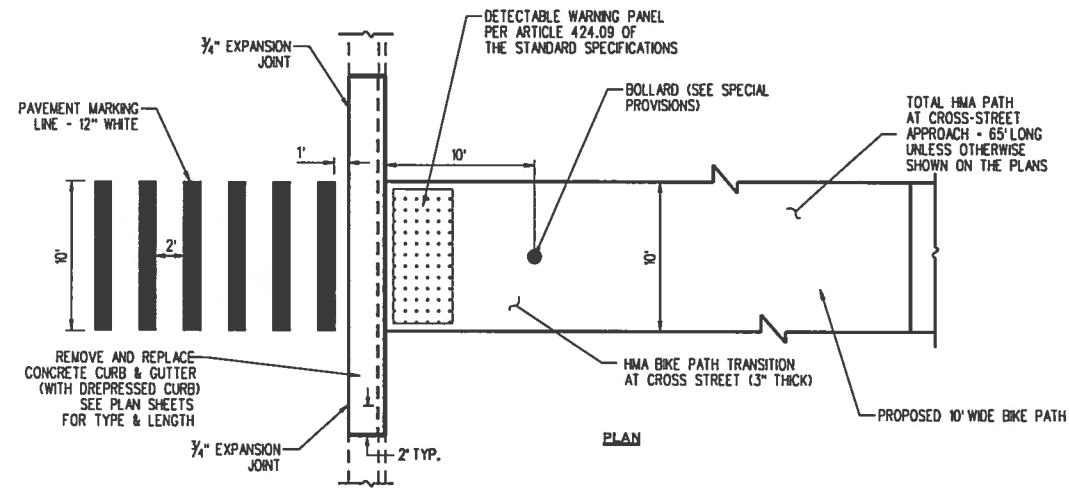
- 2x6 TREATED MEMBERS = S.P.#1
F_b MIN. = 1,650 psi
- 2x8 TREATED MEMBERS = S.P.#2
F_b MIN. = 1,250 psi
- 2x10 TREATED MEMBERS = S.P.#3
F_b MIN. = 1,050 psi
- 6x6 TREATED MEMBERS = S.P.#4
F_b MIN. = 1,250 psi

CONCRETE

- F'_c MIN. = 3,500psi (28 DAYS)

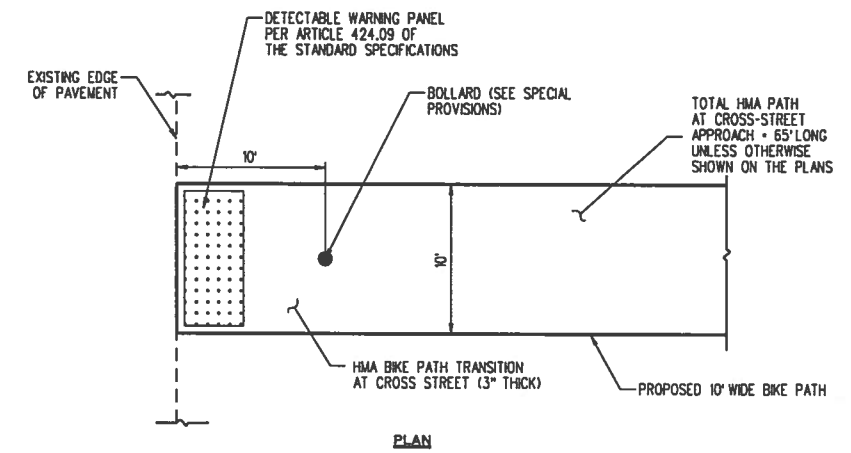
WOOD FENCE

ROUTE NO.	SECTION	COUNTY	SHEET NO.	TOTAL SHEETS
KICKAPOO TRAIL	08-F3000-01-BT	VERMILION	49	87
STA.		TO STA.		
F.H.W.A. REG.		ILLINOIS PROJECT		



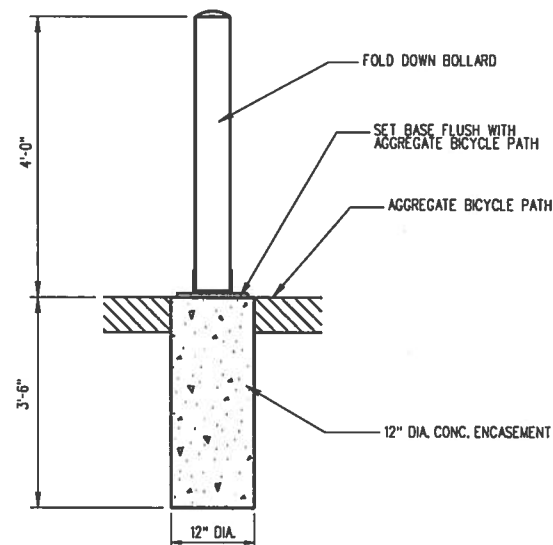
BIKE PATH TRANSITION DETAIL

APPLICABLE AT CURBED CROSS ROADS
NOT TO SCALE



BIKE PATH TRANSITION DETAIL

APPLICABLE AT UN-CURBED CROSS ROADS
NOT TO SCALE

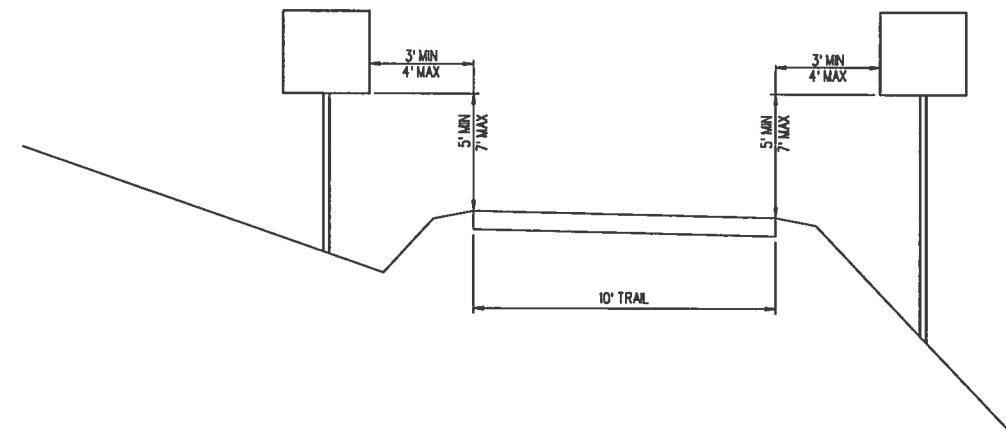


FOLD DOWN BOLLARD

NOT TO SCALE

NOTES:

1. BOLLARDS SHALL BE DOUBLE POST MODEL WITH DOUBLE LOCKS AND OPTIONAL PIN.
2. INSTALL SO THAT BOLLARD LIES FLAT ON PATH WHEN UNLOCKED. OPEN BOLLARD TO BE FLUSH WITH AGGREGATE BICYCLE PATH AND PARALLEL TO EDGES OF TRAIL.











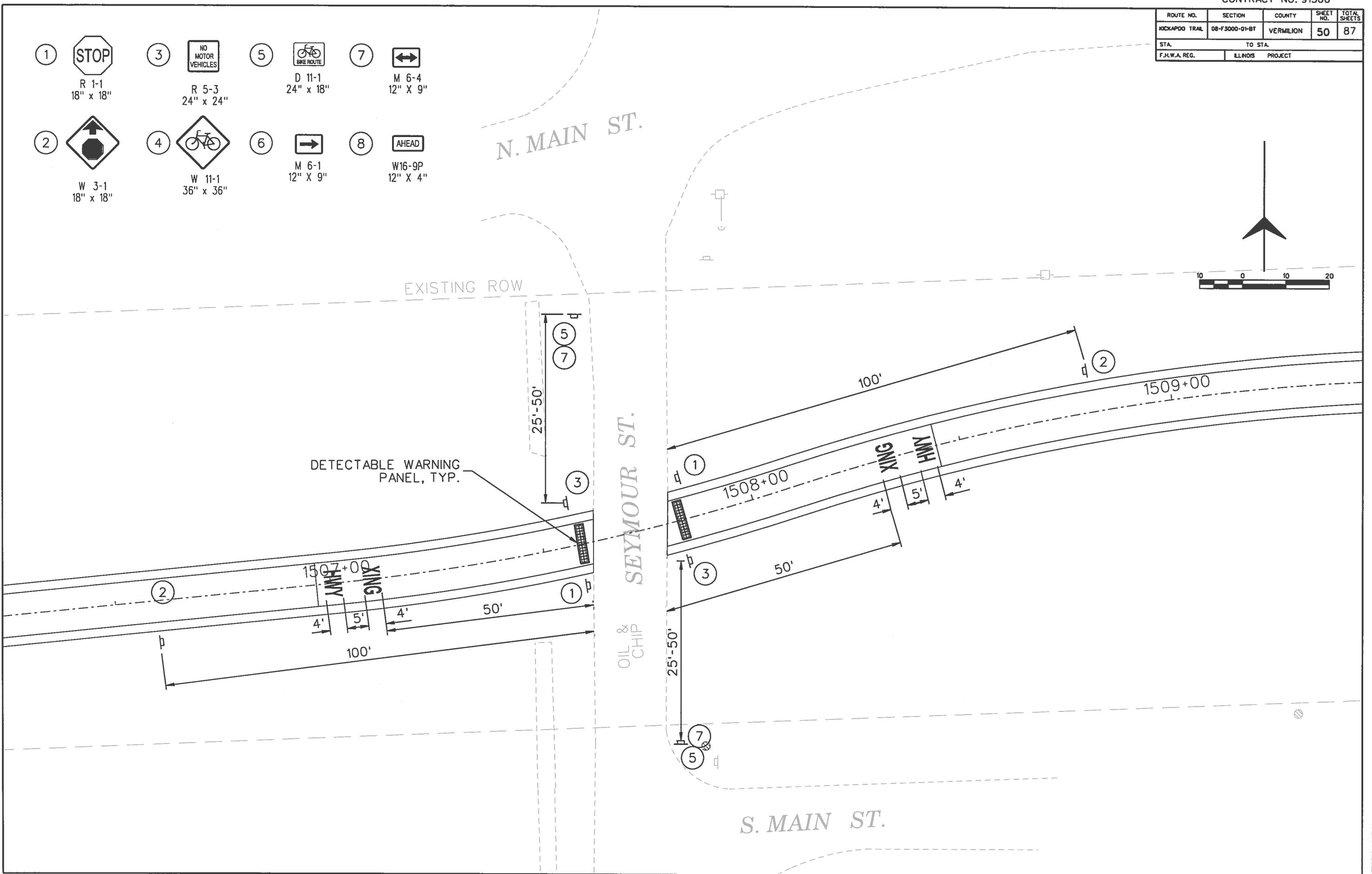
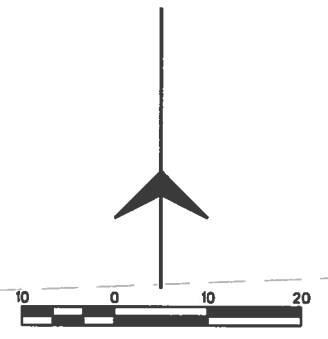
BIKE PATH SIGN PLACEMENT DETAIL, TYP.

NOT TO SCALE

NOTE: SEE HIGHWAY STANDARD 720006 FOR SIGN PANEL ERECTION DETAILS ALONG HIGHWAYS.

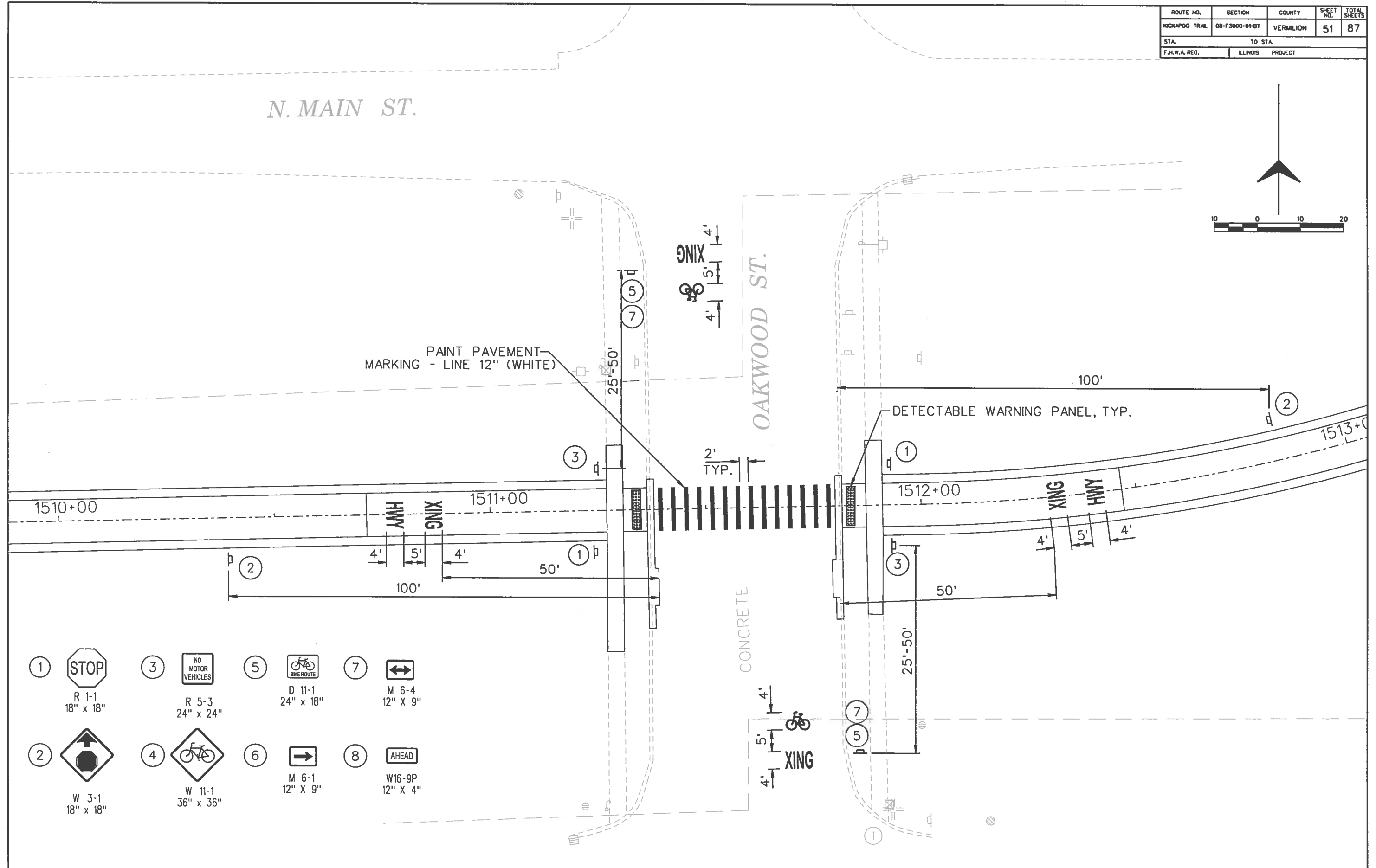
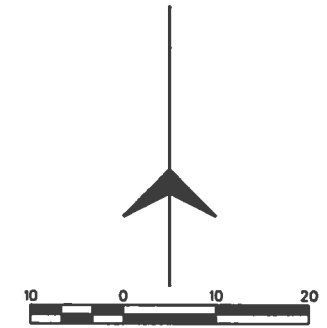
ROUTE NO.	SECTION	COUNTY	SHEET NO.	TOTAL SHEETS
KICKAPOO TRAIL	08-F3000-01-BT	VERMILION	50	87
STA.		TO STA.		
F.H.W.A. REG.		ILLINOIS PROJECT		









- ① 
R 1-1
18" x 18"
- ② 
W 3-1
18" x 18"
- ③ 
R 5-3
24" x 24"
- ④ 
W 11-1
36" x 36"
- ⑤ 
D 11-1
24" x 18"
- ⑥ 
M 6-1
12" x 9"
- ⑦ 
M 6-4
12" x 9"
- ⑧ 
W16-9P
12" x 4"



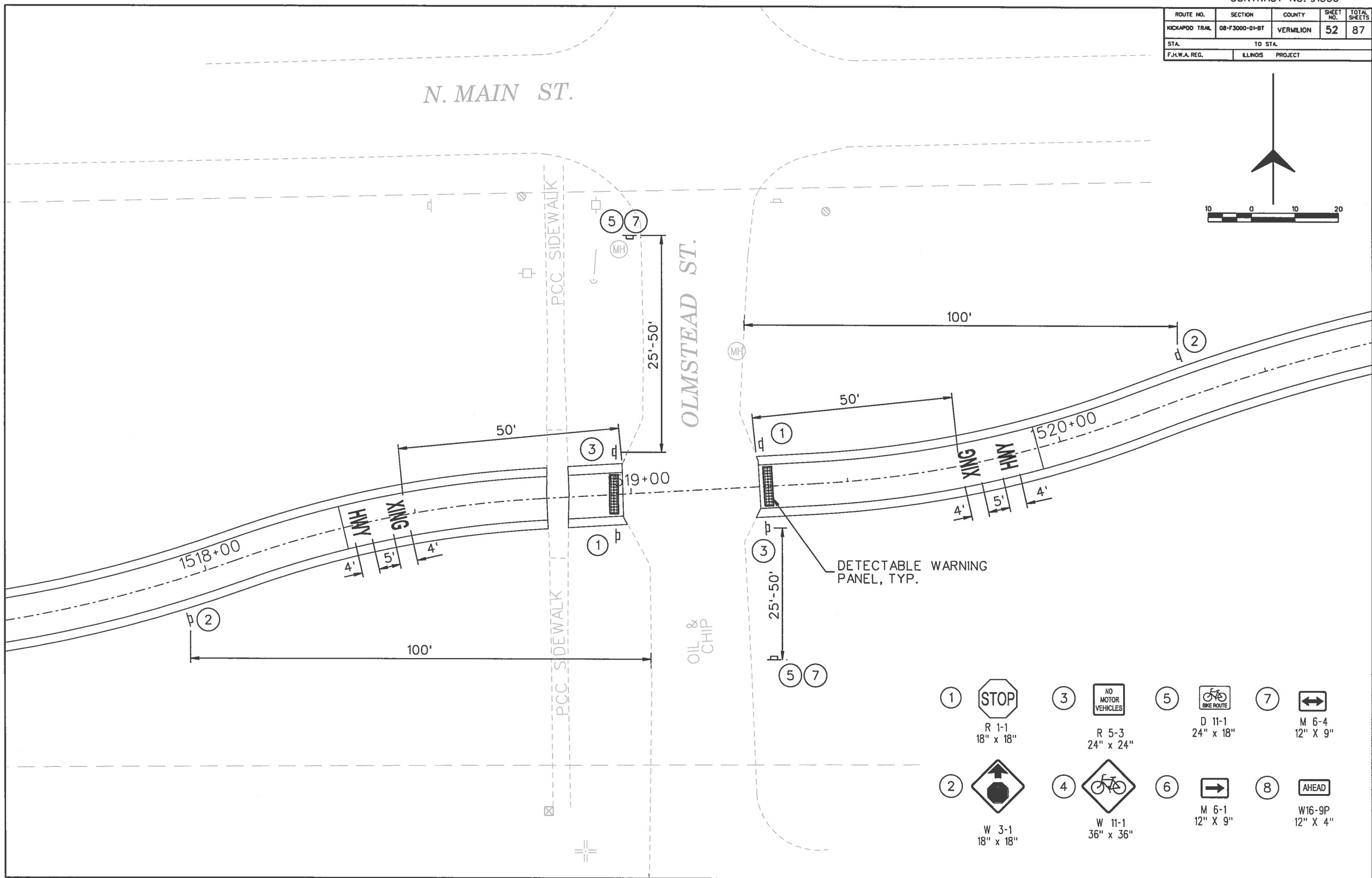
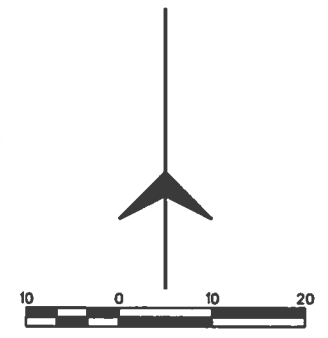
ROUTE NO.	SECTION	COUNTY	SHEET NO.	TOTAL SHEETS
KICKAPOO TRAIL	08-F3000-01-BT	VERMILION	51	87
STA.		TO STA.		
F.H.W.A. REG.		ILLINOIS PROJECT		

N. MAIN ST.



- ① 
R 1-1
18" x 18"
- ③ 
R 5-3
24" x 24"
- ⑤ 
D 11-1
24" x 18"
- ⑦ 
M 6-4
12" x 9"
- ② 
W 3-1
18" x 18"
- ④ 
W 11-1
36" x 36"
- ⑥ 
M 6-1
12" x 9"
- ⑧ 
W16-9P
12" x 4"

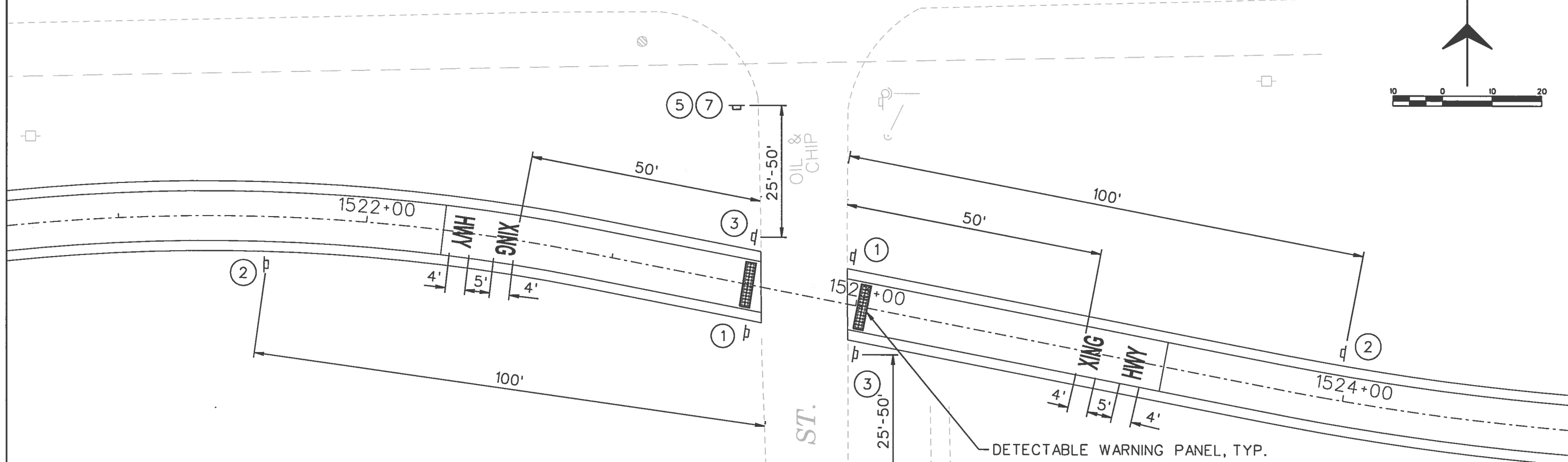
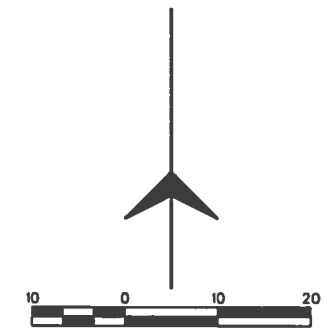
ROUTE NO.	SECTION	COUNTY	SHEET NO.	TOTAL SHEETS
KICKAPOO TRAIL	08-F3000-01-BT	VERMILION	52	87
STA.		TO STA.		
F.H.W.A. REG.		ILLINOIS PROJECT		











- ① STOP
R 1-1
18" x 18"
- ② AHEAD
W 3-1
18" x 18"
- ③ NO MOTOR VEHICLES
R 5-3
24" x 24"
- ④ BICYCLE AHEAD
W 11-1
36" x 36"
- ⑤ BICYCLE ROUTE
D 11-1
24" x 18"
- ⑥ ONE WAY
M 6-1
12" x 9"
- ⑦ ONE WAY
M 6-4
12" x 9"
- ⑧ AHEAD
W16-9P
12" x 4"

ROUTE NO.	SECTION	COUNTY	SHEET NO.	TOTAL SHEETS
KICKAPOO TRAIL	08-F3000-01-BT	VERMILION	53	87
STA.		TO STA.		
F.H.W.A. REG.		ILLINOIS PROJECT		

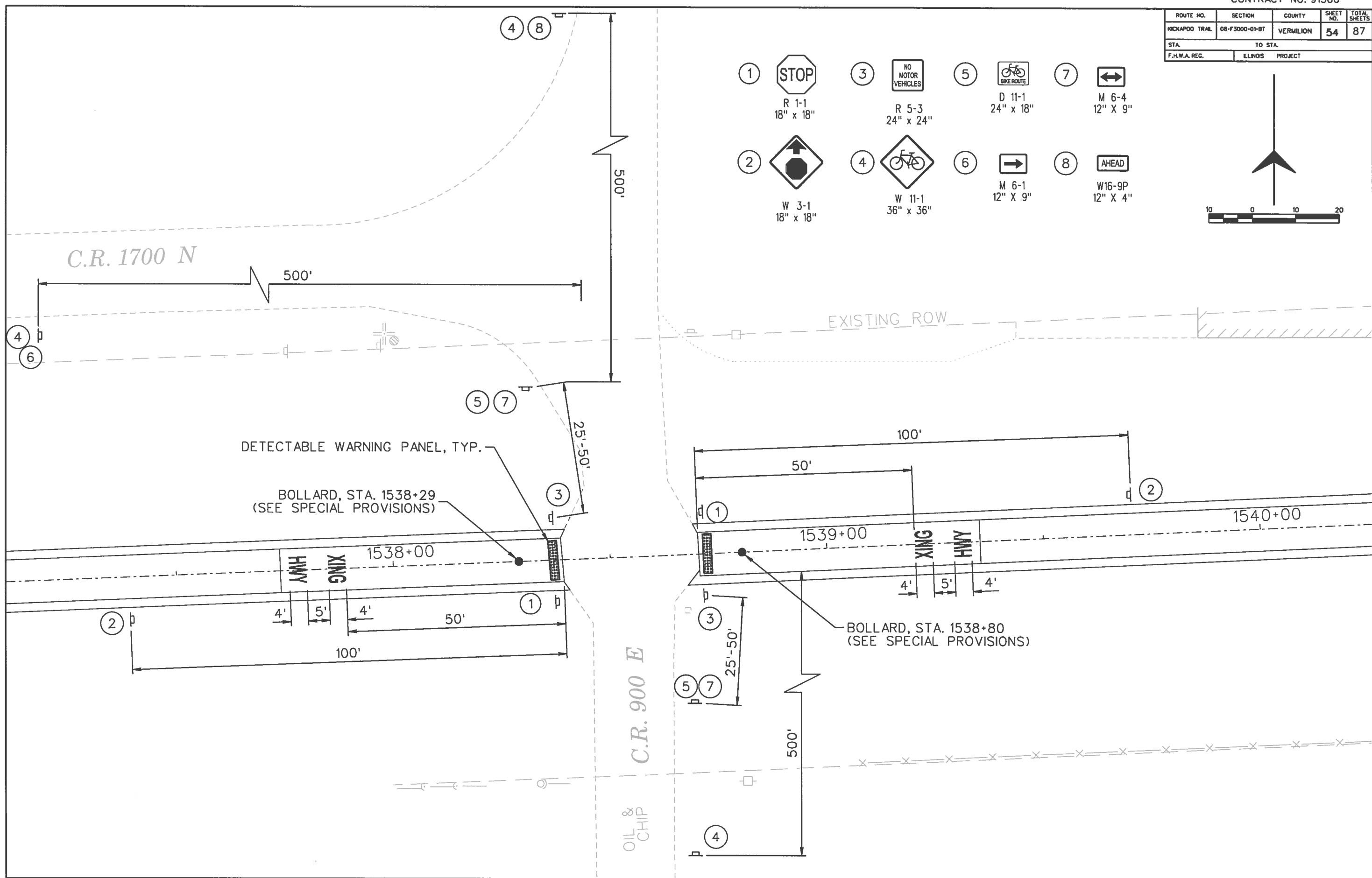
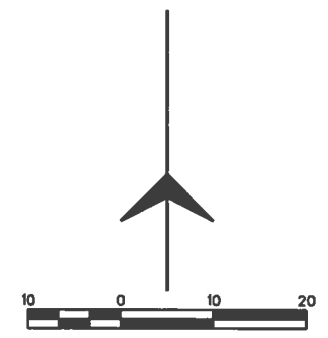
N. MAIN ST.



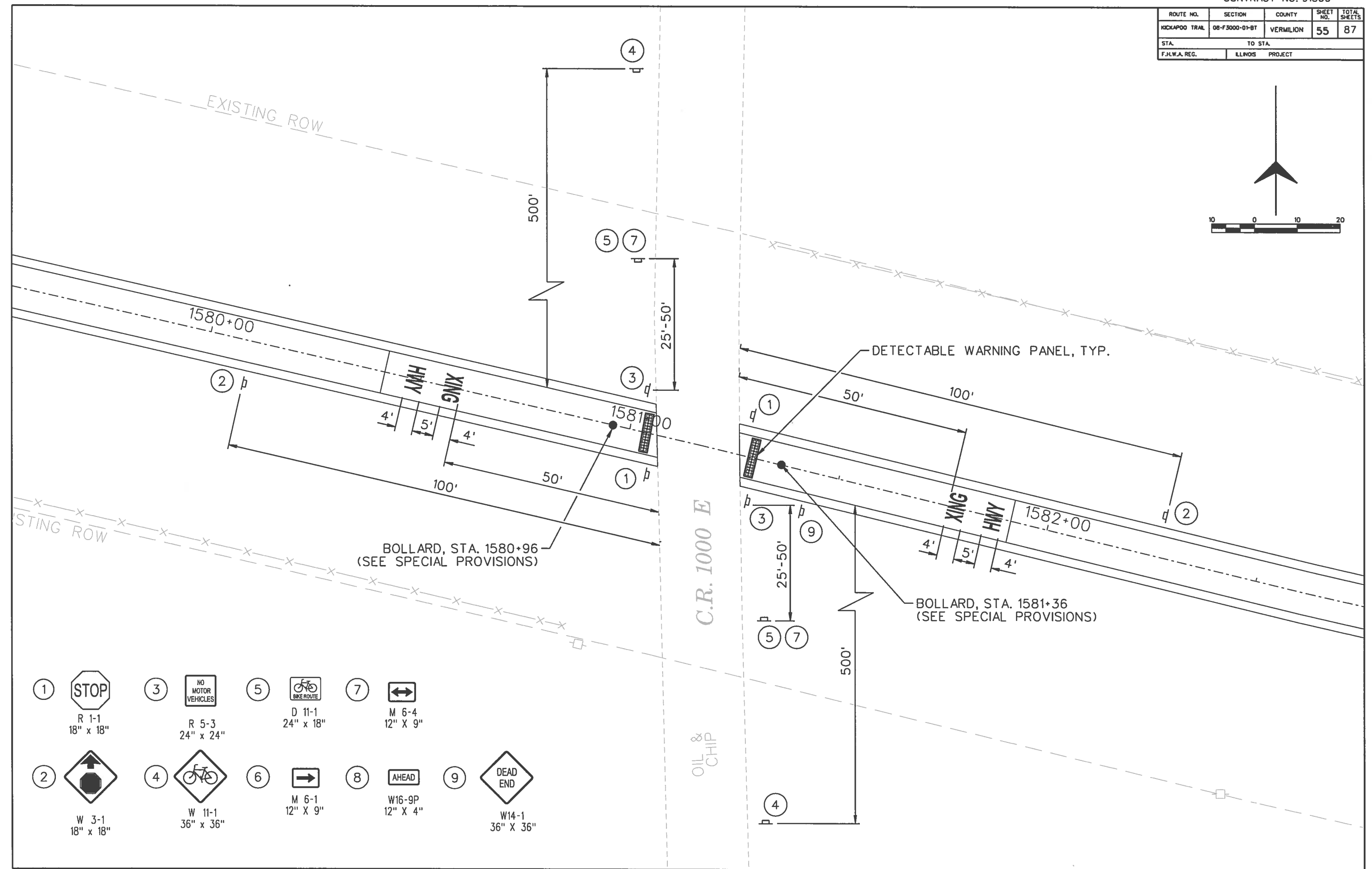
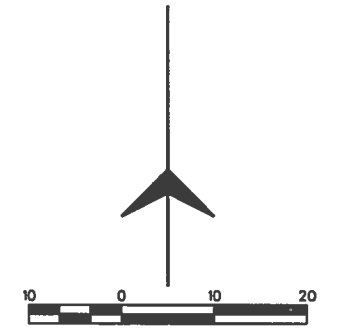
- ① 
R 1-1
18" x 18"
- ③ 
R 5-3
24" x 24"
- ⑤ 
D 11-1
24" x 18"
- ⑦ 
M 6-4
12" X 9"
- ② 
W 3-1
18" x 18"
- ④ 
W 11-1
36" x 36"
- ⑥ 
M 6-1
12" X 9"
- ⑧ 
W16-9P
12" X 4"

ROUTE NO.	SECTION	COUNTY	SHEET NO.	TOTAL SHEETS
KICKAPOO TRAIL	08-F3000-01-BT	VERMILION	54	87
STA.		TO STA.		
F.H.W.A. REG.		ILLINOIS PROJECT		

- ① STOP
R 1-1
18" x 18"
- ② AHEAD
W 3-1
18" x 18"
- ③ NO MOTOR VEHICLES
R 5-3
24" x 24"
- ④ W 11-1
36" x 36"
- ⑤ D 11-1
24" x 18"
- ⑥ M 6-1
12" x 9"
- ⑦ M 6-4
12" x 9"
- ⑧ W16-9P
12" x 4"



ROUTE NO.	SECTION	COUNTY	SHEET NO.	TOTAL SHEETS
KICKAPOO TRAIL	08-F3000-01-BT	VERMILION	55	87
STA.		TO STA.		
F.H.W.A. REG.		ILLINOIS PROJECT		



- ① STOP
R 1-1
18" x 18"
- ②
W 3-1
18" x 18"
- ③ NO MOTOR VEHICLES
R 5-3
24" x 24"
- ④
W 11-1
36" x 36"
- ⑤ BIKE ROUTE
D 11-1
24" x 18"
- ⑥
M 6-1
12" x 9"
- ⑦
M 6-4
12" x 9"
- ⑧ AHEAD
W16-9P
12" x 4"
- ⑨ DEAD END
W14-1
36" x 36"

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
KICKAPOO TRAIL	08-F3000-01-BT	VERMILION	87	57

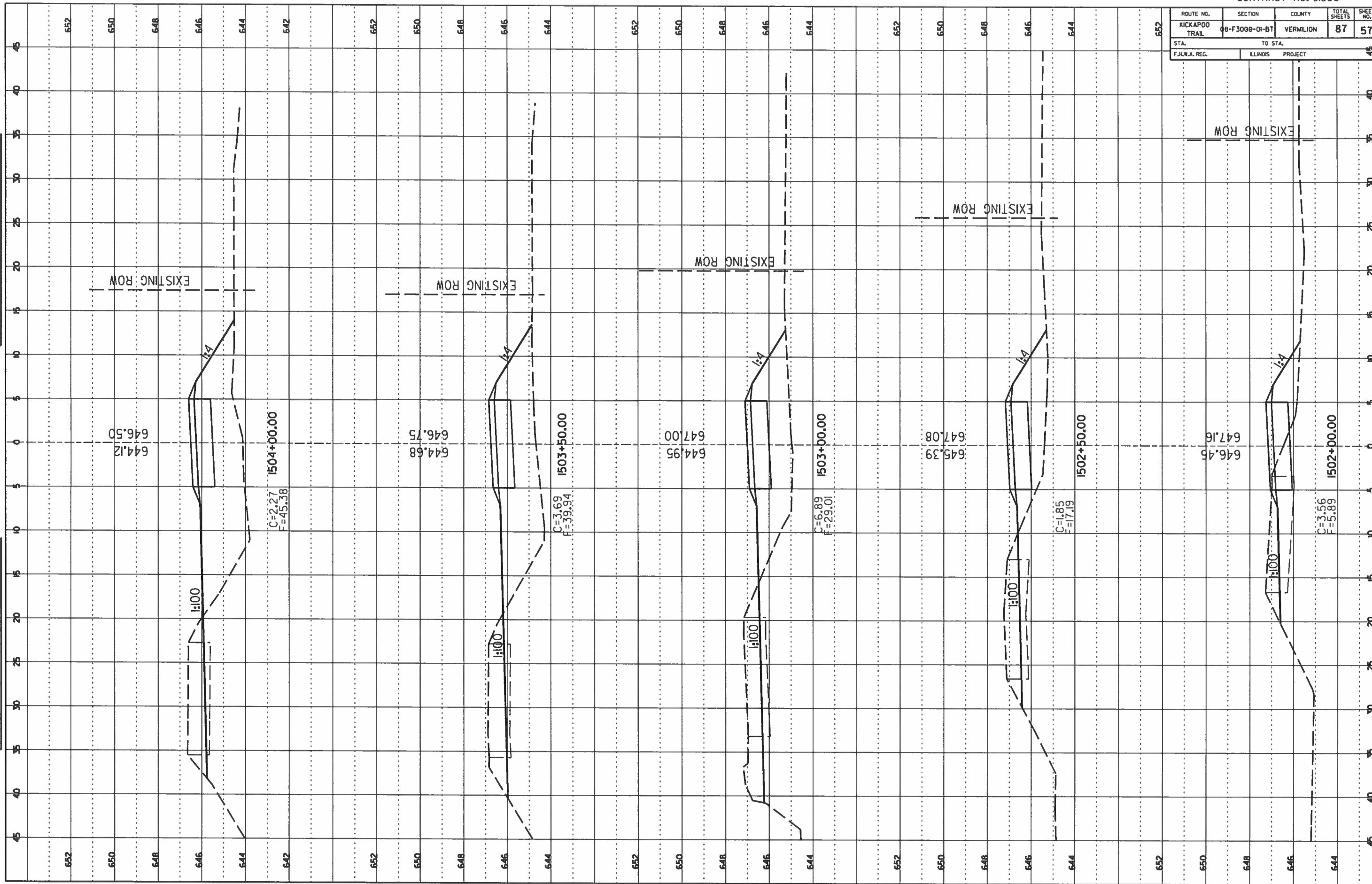
STA.	TO STA.
F.H.W.A. REC.	ILLINOIS PROJECT

DATE	BY

FINAL SURVEY
NOTE BOOK NO. 644

DATE	BY

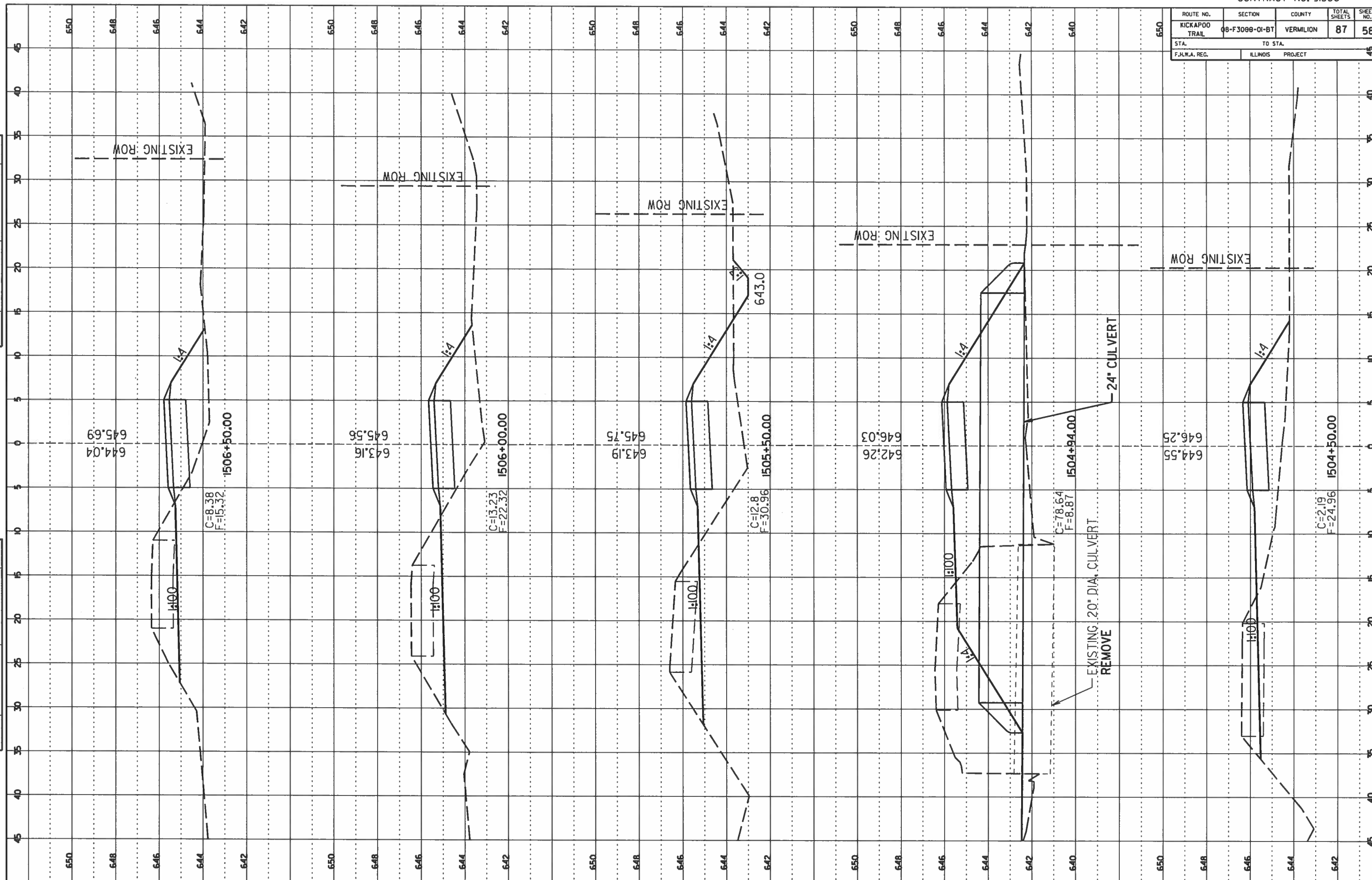
ORIGINAL SURVEY
NOTE BOOK NO. 644



ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
KICKAPOO TRAIL	08-F3000-01-BT	VERMILION	87	58
STA.	TO STA.			
F.H.W.A. REG.	ILLINOIS	PROJECT		

NO.	DATE	BY	FINAL SURVEY

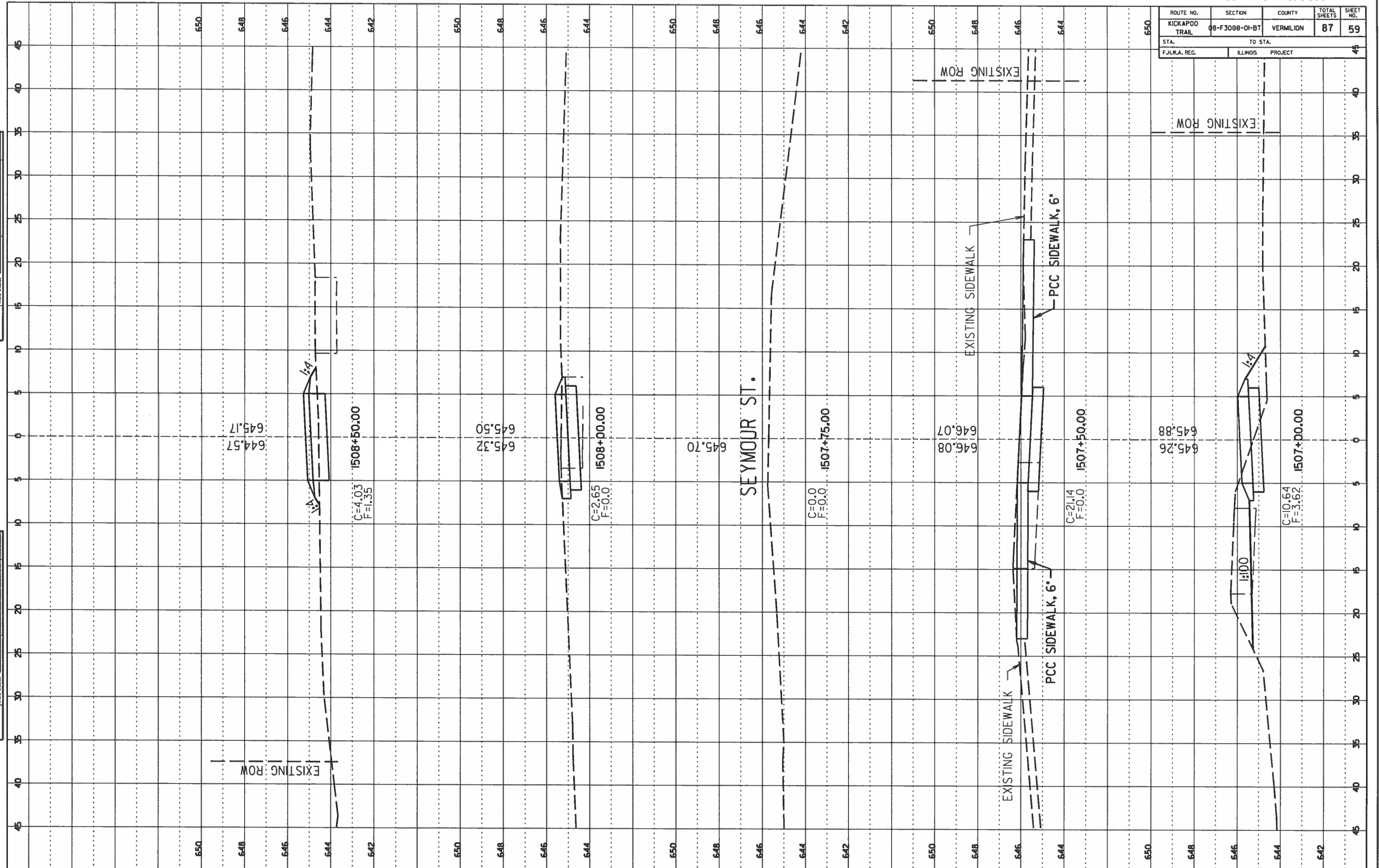
NO.	DATE	BY	ORIGINAL SURVEY



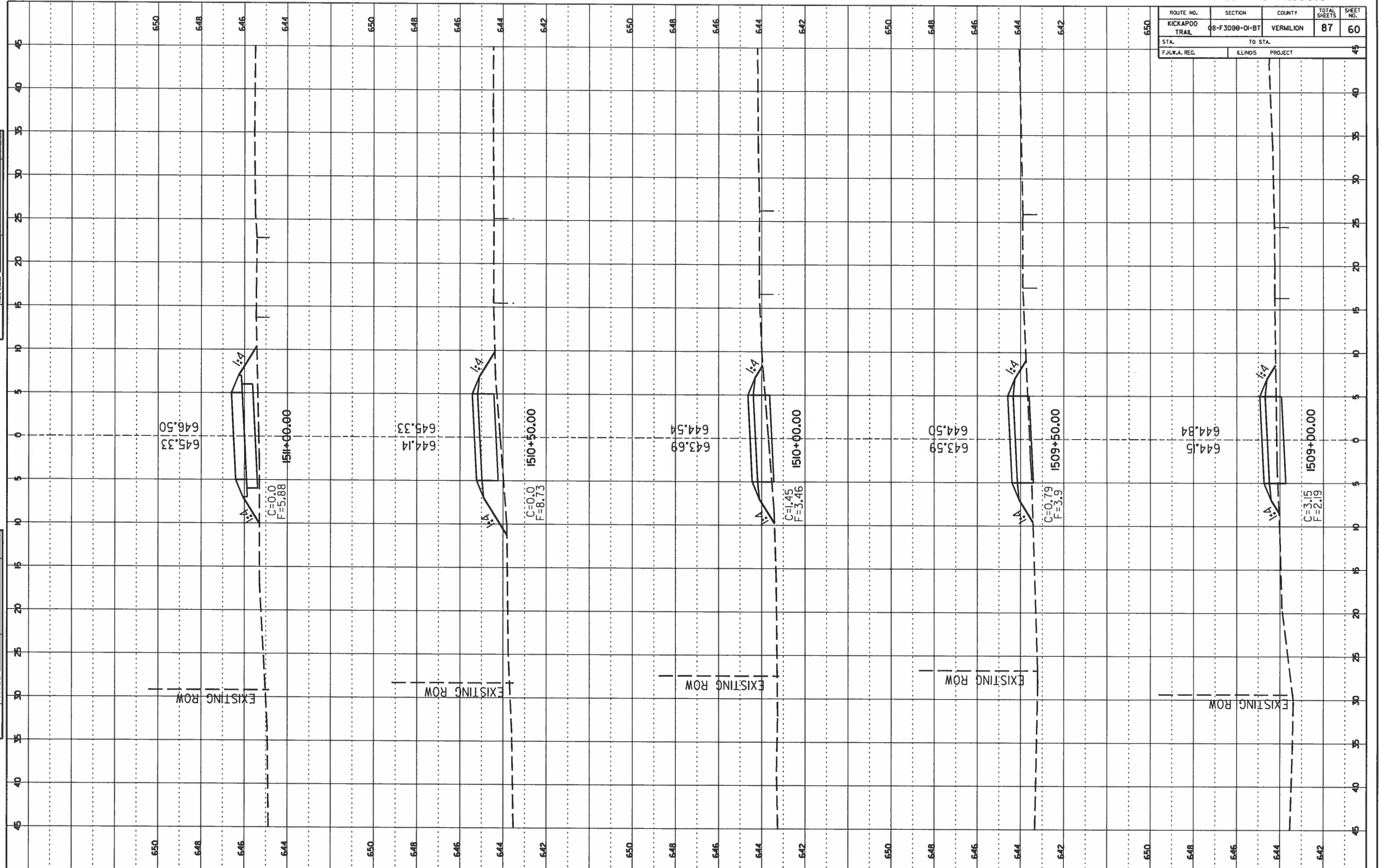
ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
KICKAPOO TRAIL	08-F3088-01-BT	VERMILION	87	59
STA. TO STA.		F.I.L.L.A. REG. ILLINOIS PROJECT		

FINAL SURVEY	BY	DATE
NO. _____	_____	____/____/____

ORIGINAL SURVEY	BY	DATE
NO. _____	_____	____/____/____



ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
KICKAPOO TRAIL	08-F3000-01-BT	VERMILION	87	60
STA. F.H.W.A. REG.		TO STA. ILLINOIS PROJECT		



FINAL SURVEY	
DATE	BY
NO. _____	NO. _____
NOTE BOOK NO. _____	NOTE BOOK NO. _____

ORIGINAL SURVEY	
DATE	BY
NO. _____	NO. _____
NOTE BOOK NO. _____	NOTE BOOK NO. _____

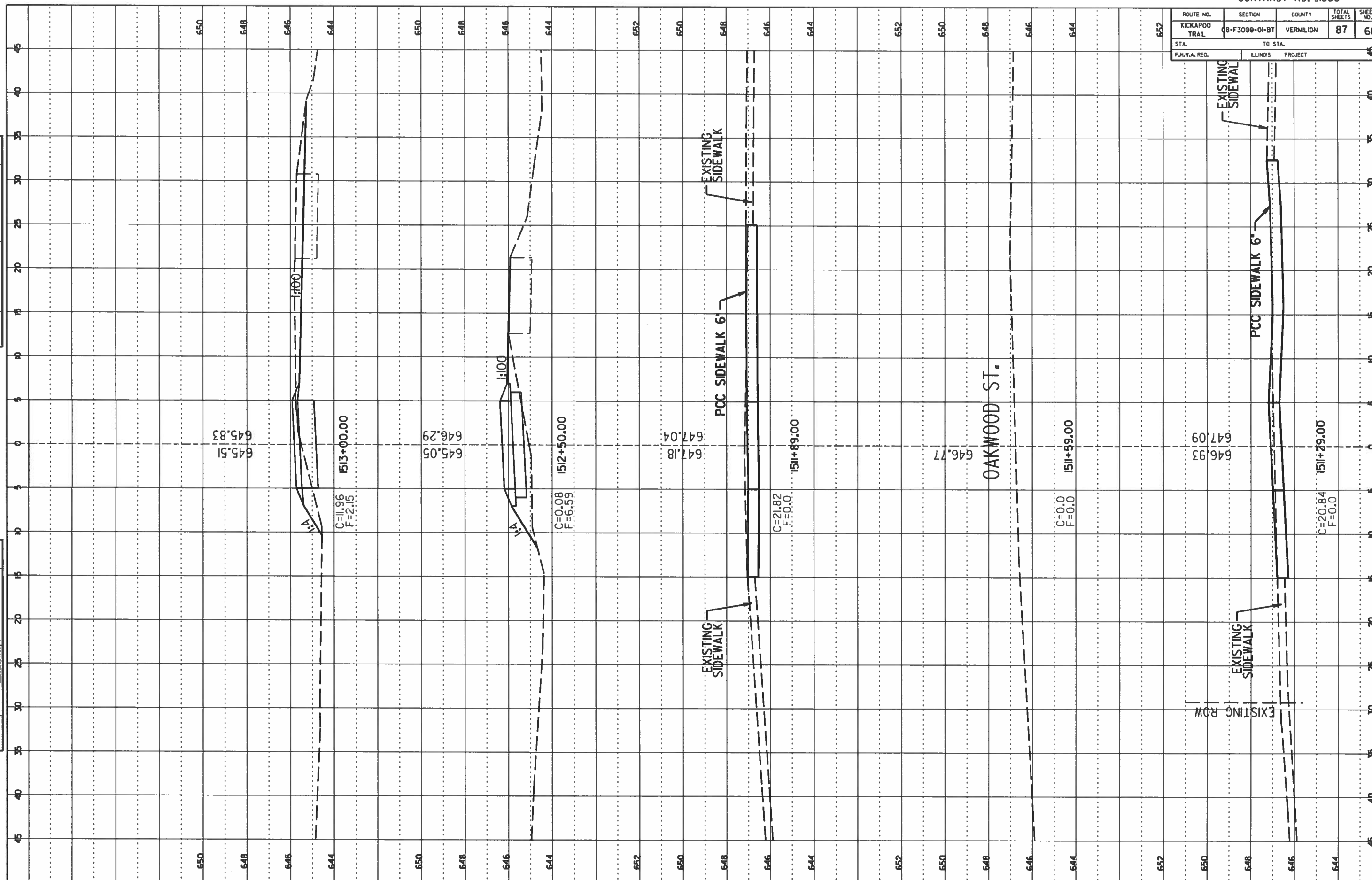
ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
KICKAPOO TRAIL	08-F3000-01-BT	VERMILION	87	61
STA.	TO STA.			
F.H.W.A. REG.	ILLINOIS	PROJECT		

DATE	BY

FINAL SURVEY
NOTE BOOK NO. _____
AREA ORDER

DATE	BY

ORIGINAL SURVEY
NOTE BOOK NO. _____
AREA ORDER



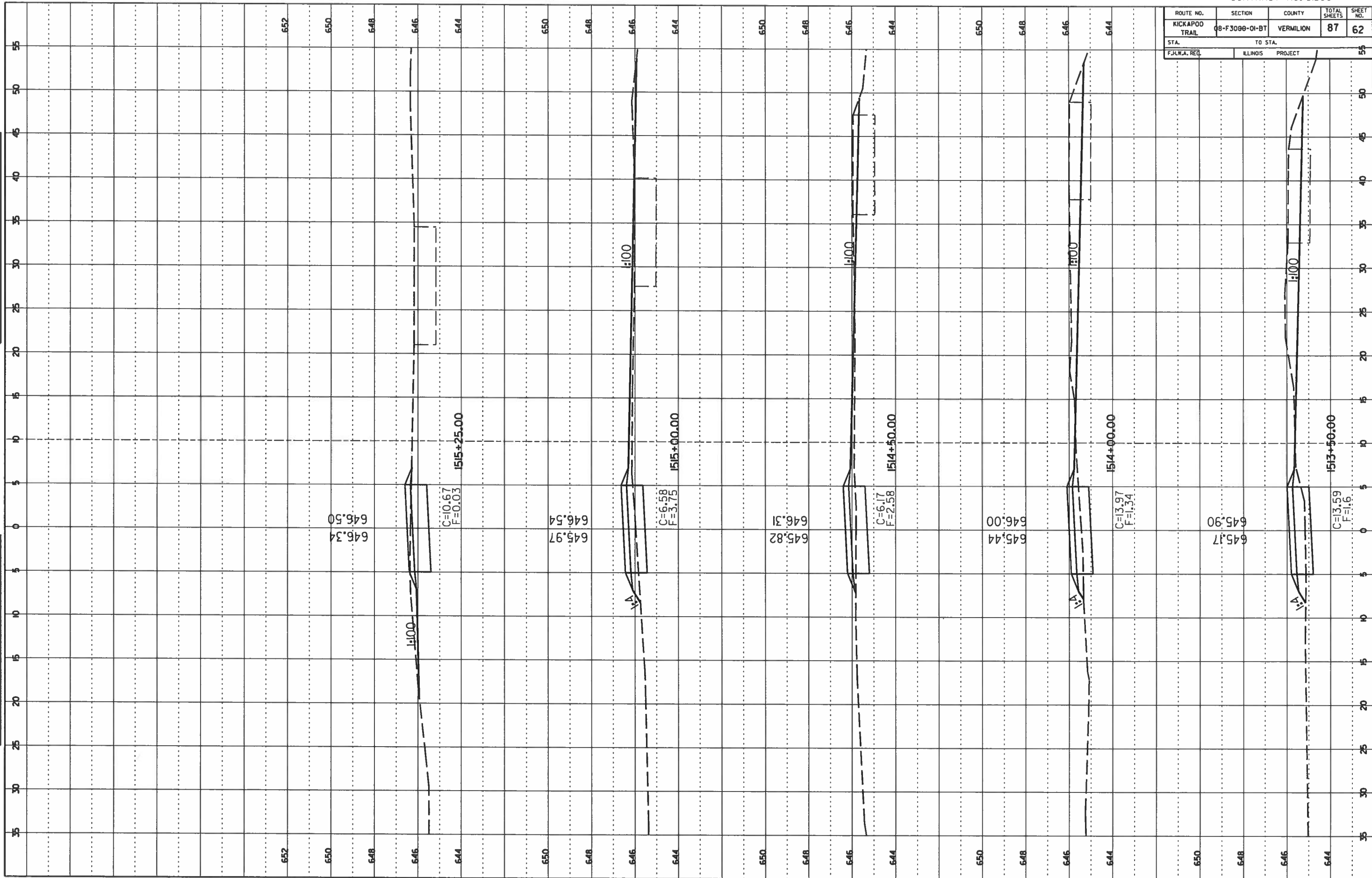
ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
KICKAPOO TRAIL	08-F3000-01-BT	VERMILION	87	62
STA. _____ TO STA. _____		ILLINOIS PROJECT		
F.H.W.A. REQ. _____		_____		

DATE	BY

FINAL SURVEY
NOTE BOOK NO. _____
DATE CHECKED _____

DATE	BY

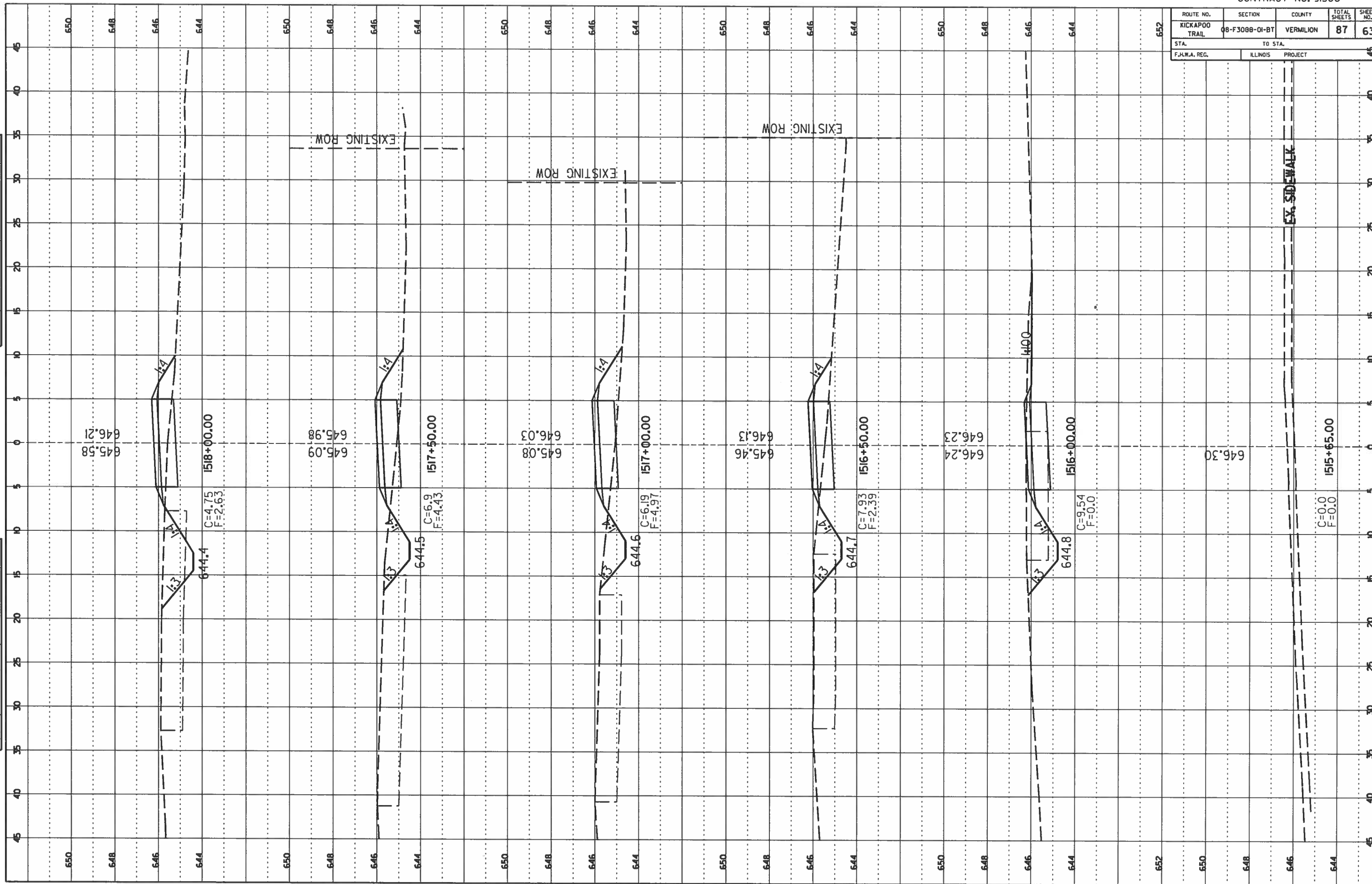
ORIGINAL SURVEY
NOTE BOOK NO. _____
DATE CHECKED _____



ROUTE NO. KICKAPOO TRAIL	SECTION 08-F3088-01-BT	COUNTY VERMILION	TOTAL SHEETS 87	SHEET NO. 63
STA. F.H.W.A. REG.		TO STA. ILLINOIS PROJECT		

FINAL SURVEY		DATE	
NO.	BY		
NOTE BOOK			

ORIGINAL SURVEY		DATE	
NO.	BY		
NOTE BOOK			



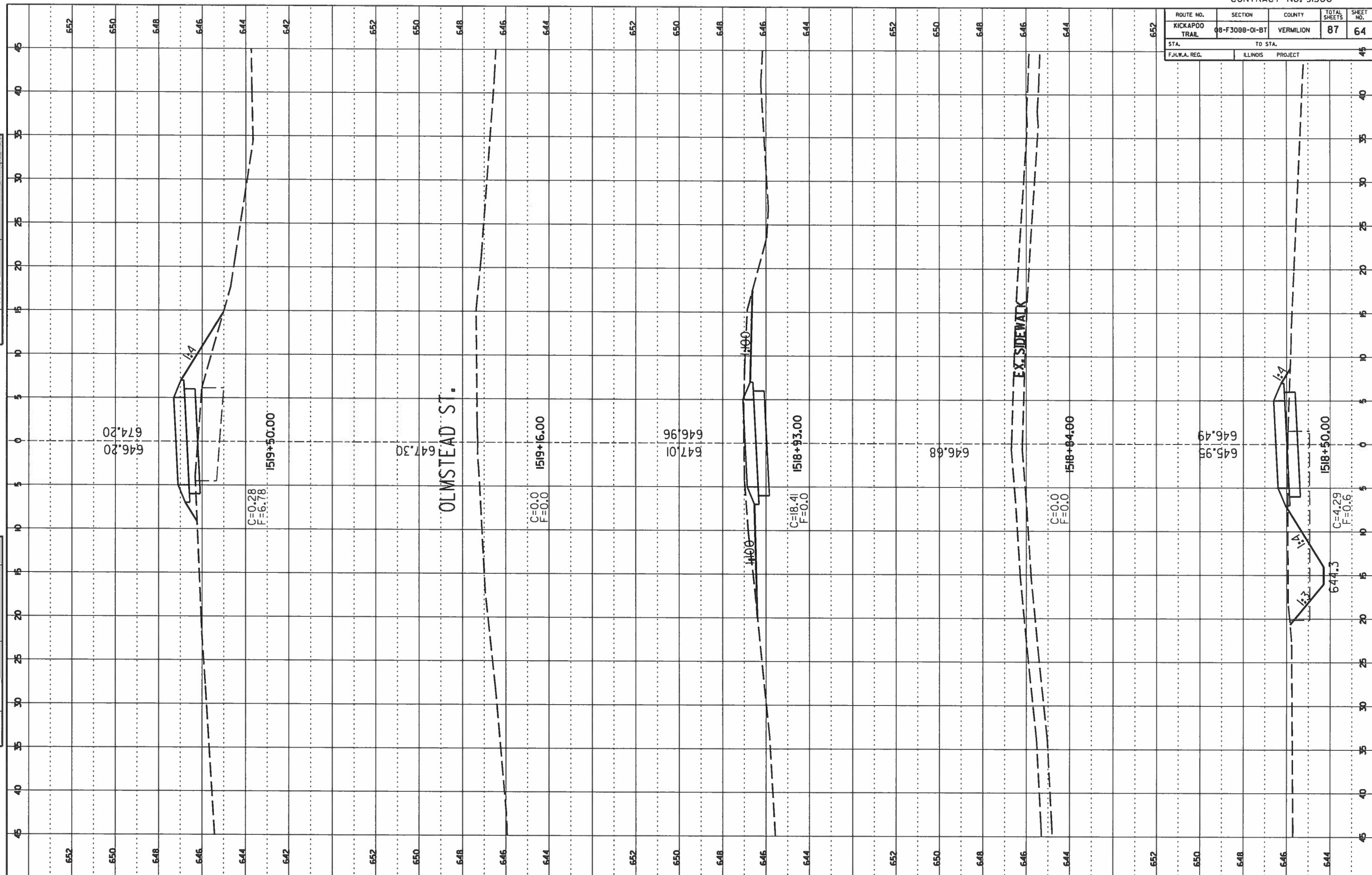
ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
KICKAPOO TRAIL	08-F3088-01-BT	VERMILION	87	64
STA. _____ TO STA. _____		F.H.W.A. REG. ILLINOIS PROJECT		

DATE	BY

FINAL SURVEY
NOTE BOOK NO. _____
SCALE: AS SHOWN

DATE	BY

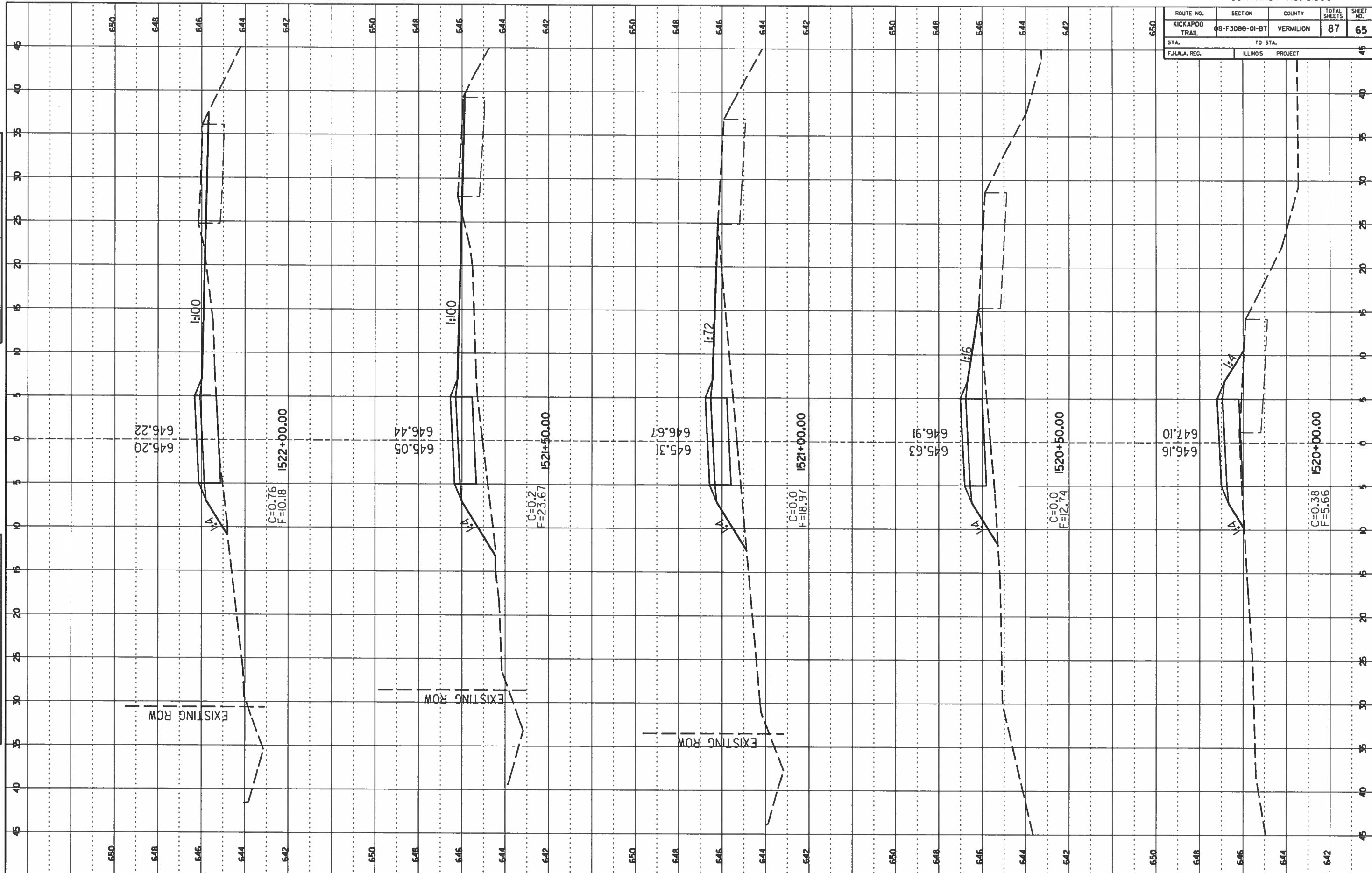
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NOTE BOOK NO. _____
SCALE: AS SHOWN



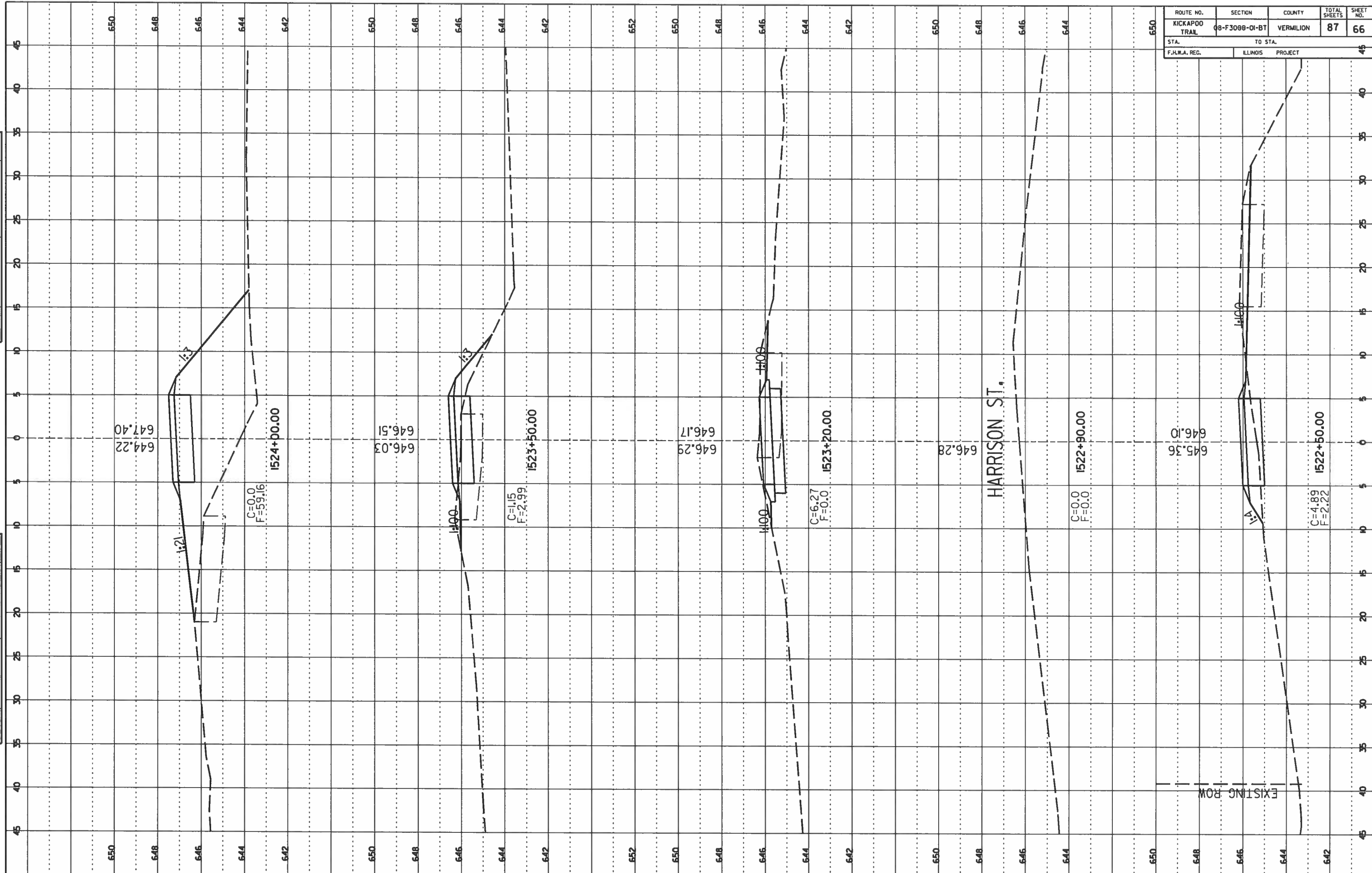
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KICKAPOO TRAIL	08-F3000-01-BT	VERMILION	87	65
STA.	TO STA.			
F.H.W.A. REG.	ILLINOIS	PROJECT		

FINAL SURVEY	BY	DATE
NOTE BOOK NO.		
NO.		

ORIGINAL SURVEY	BY	DATE
NOTE BOOK NO.		
NO.		



ROUTE NO. KICKAPOO TRAIL	SECTION 08-F3000-01-BT	COUNTY VERMILION	TOTAL SHEETS 87	SHEET NO. 66
STA. TO STA.		F.H.W.A. REG. ILLINOIS PROJECT		



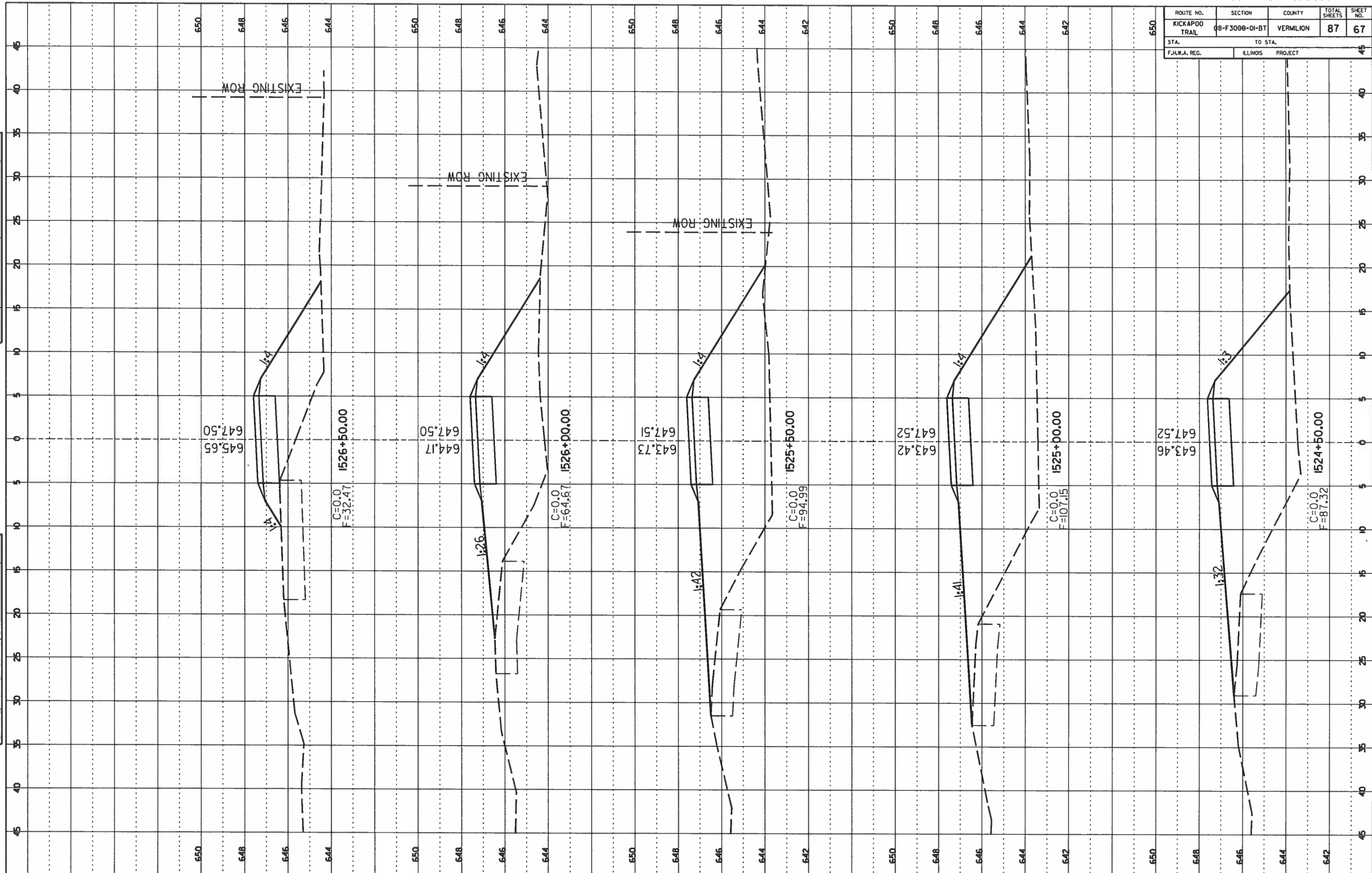
FINAL SURVEY
NOTE BOOK NO. _____ DATE _____

ORIGINAL SURVEY
NOTE BOOK NO. _____ DATE _____

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
KICKAPOO TRAIL	08-F3000-01-BT	VERMILION	87	67
STA. _____ TO STA. _____		F.H.W.A. REG. _____ ILLINOIS PROJECT _____		

FINAL SURVEY
 DATE _____ BY _____
 NOTE BOOK NO. _____
 SCALE _____

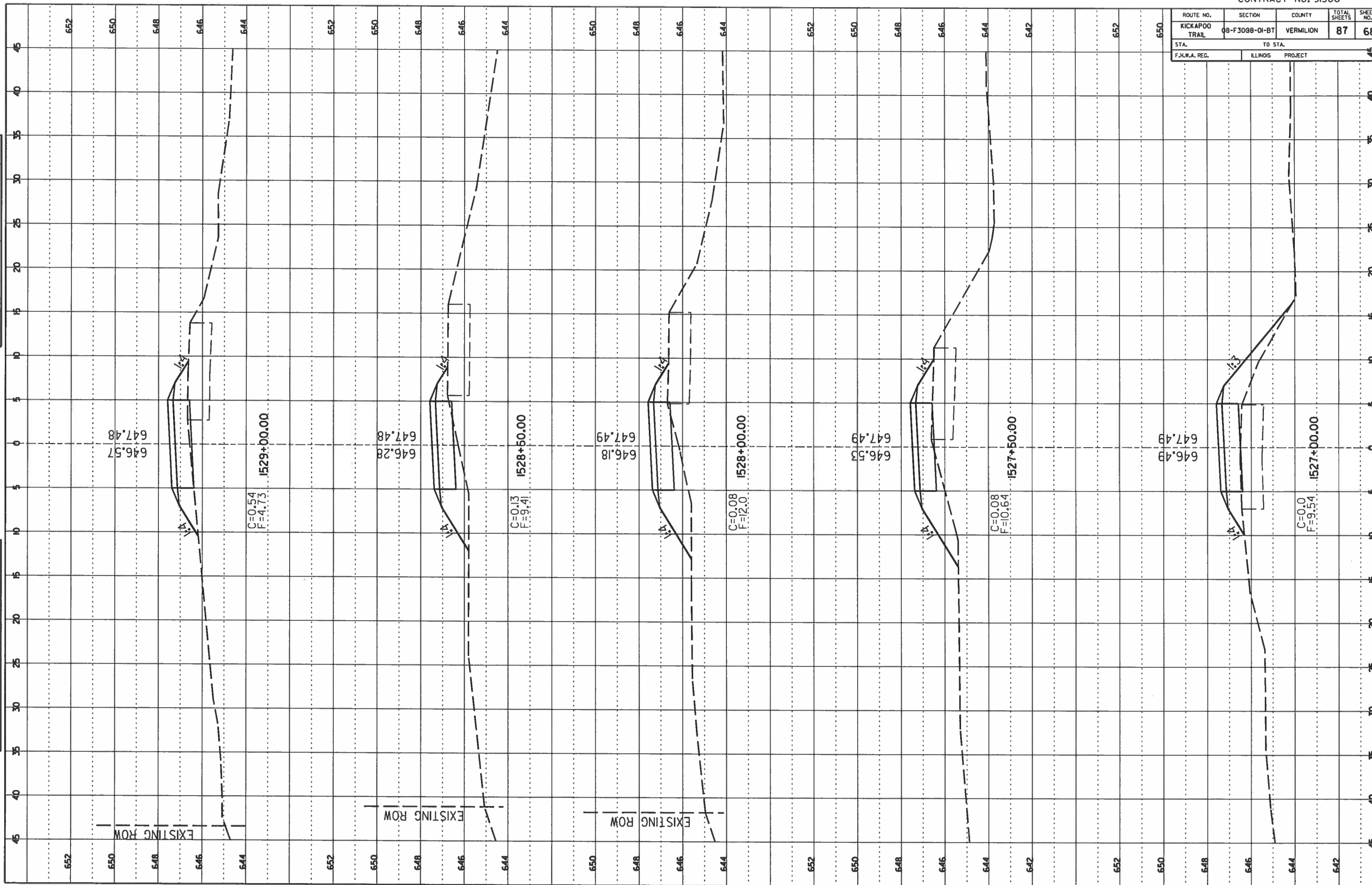
ORIGINAL SURVEY
 DATE _____ BY _____
 NOTE BOOK NO. _____
 SCALE _____



ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
KICKAPOO TRAIL	08-F3000-01-BT	VERMILION	87	68
STA.	TO STA.			
F.H.W.A. REG.	ILLINOIS	PROJECT		

DATE	BY
DATE	BY
DATE	BY

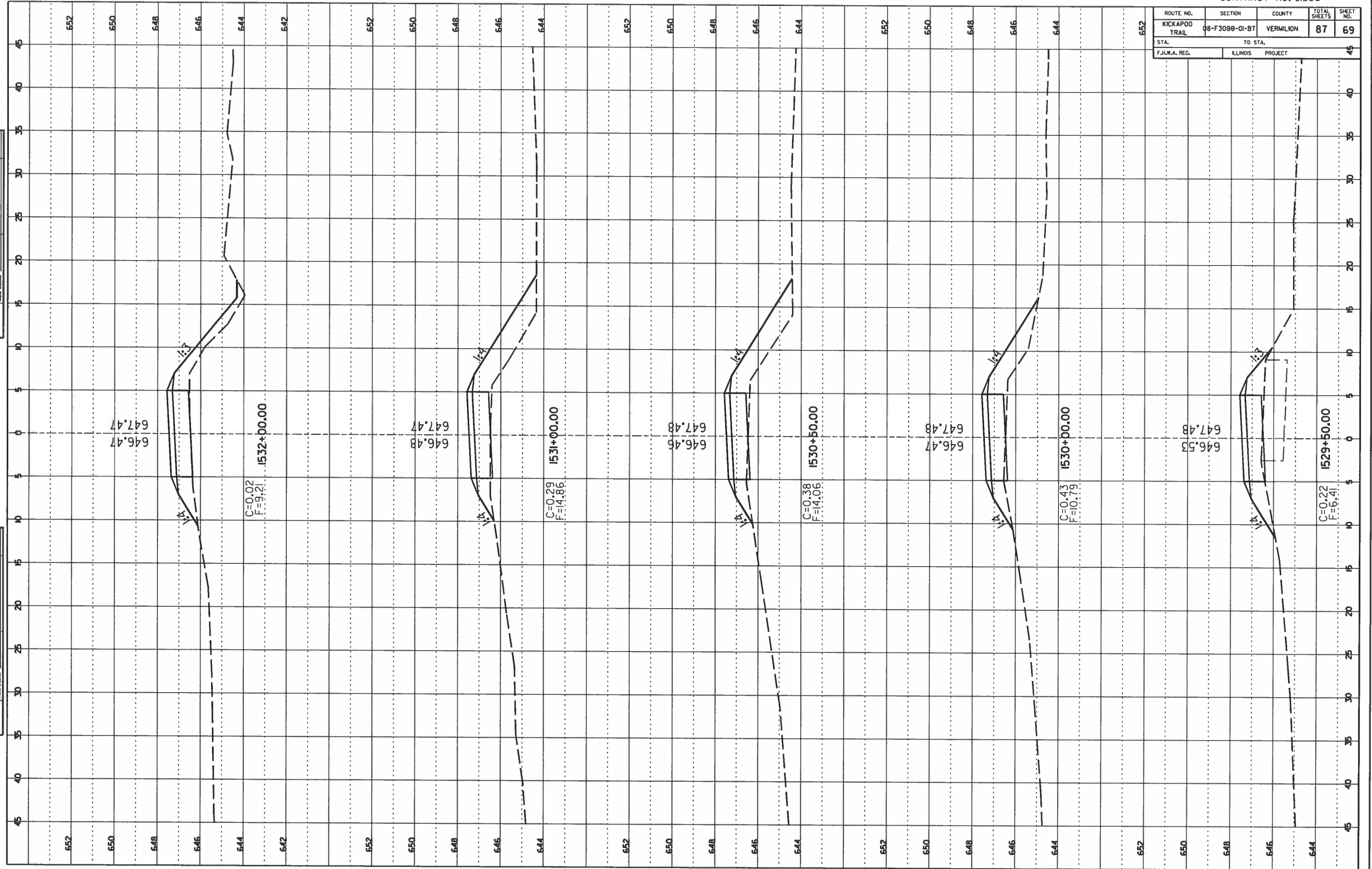
DATE	BY
DATE	BY
DATE	BY



ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
KICKAPOO TRAIL	08-F3088-01-BT	VERMILION	87	69
STA. TO STA.		ILLINOIS PROJECT		
F.J.L.W.A. REC.				

FINAL SURVEY	BY	DATE
NO. _____	_____	____/____/____
NOTE BOOK NO. _____		
AREA ORDER _____		

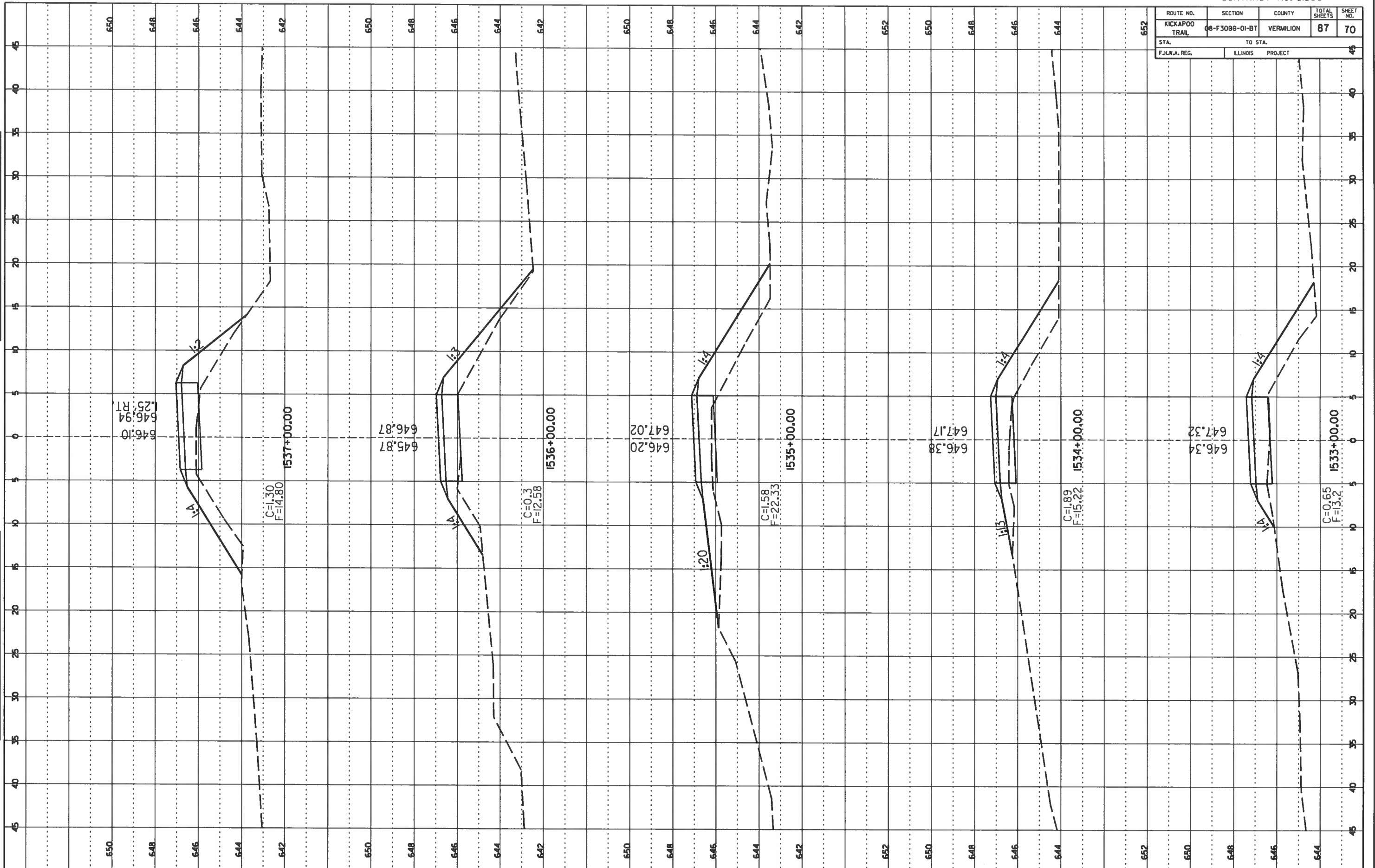
ORIGINAL SURVEY	BY	DATE
NO. _____	_____	____/____/____
NOTE BOOK NO. _____		
AREA ORDER _____		



ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
KICKAPOO TRAIL	08-F3088-01-BT	VERMILION	87	70
STA. F.J.W.A. REG.	TO STA. ILLINOIS PROJECT			

NO.	DATE	BY	REVISION

NO.	DATE	BY	REVISION



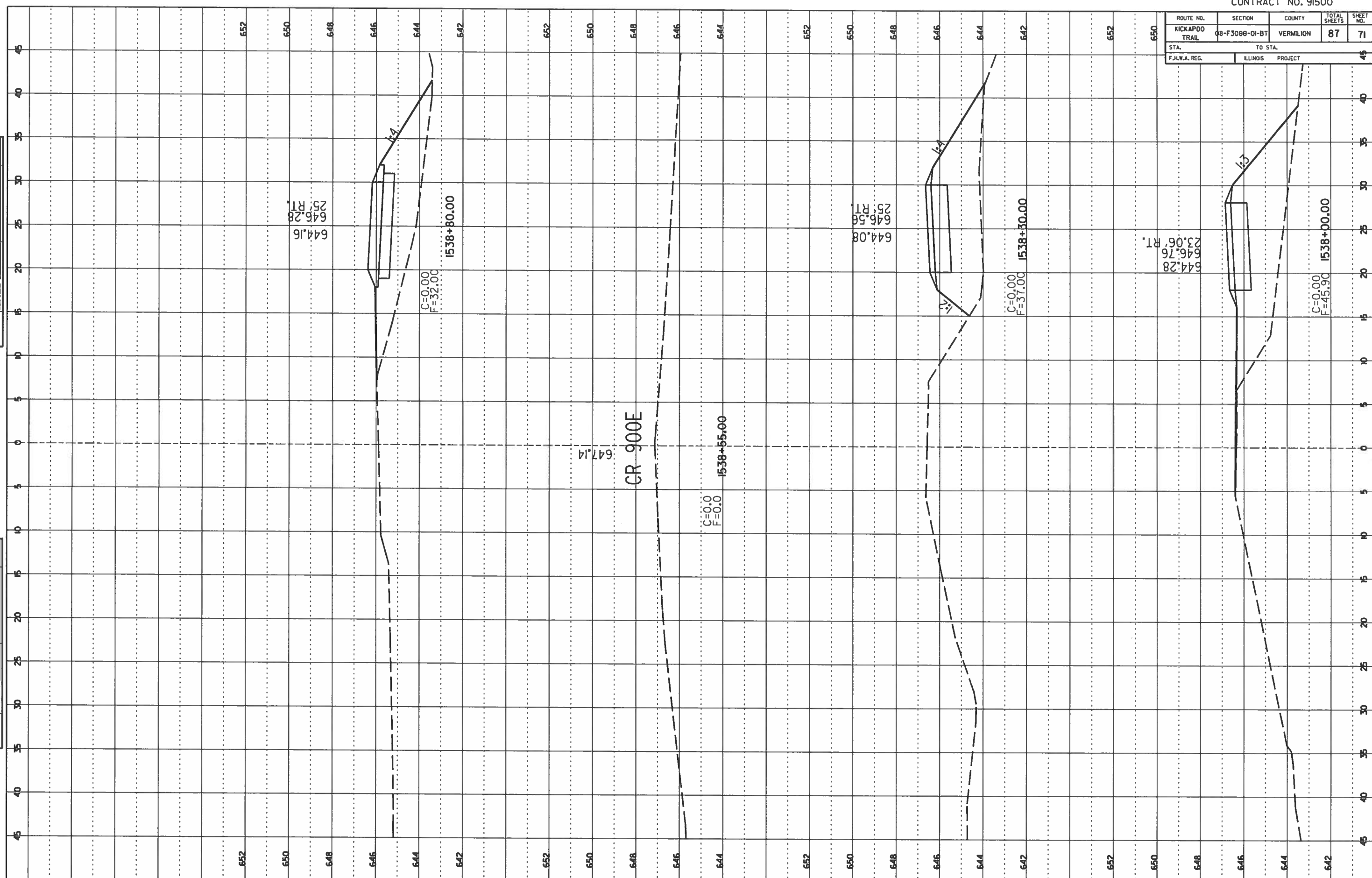
ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
KICKAPOO TRAIL	08-F3000-01-BT	VERMILION	87	71
STA. F.H.W.A. REC.	TO STA. ILLINOIS PROJECT			46

NO.	DATE	BY

FINAL SURVEY
NOTE BOOK NO. _____

NO.	DATE	BY

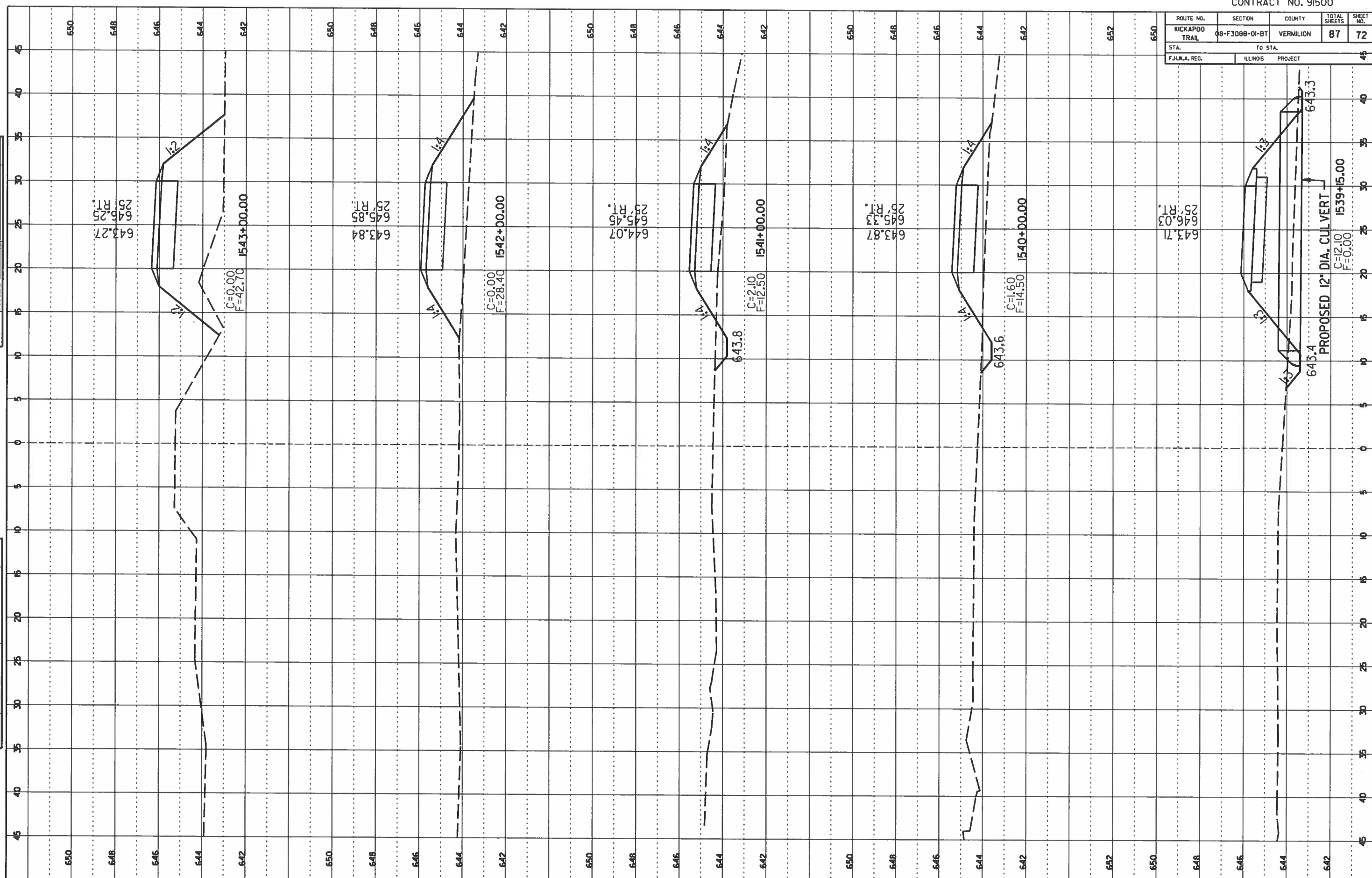
ORIGINAL SURVEY
NOTE BOOK NO. _____



ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
KICKAPOO TRAIL	08-F3099-01-BT	VERMILION	87	72
STA. TO STA.		ILLINOIS PROJECT		
F.H.W.A. REG.				

DATE	BY
FINAL SURVEY	
NOTE BOOK NO. _____	
AREA ORDER	

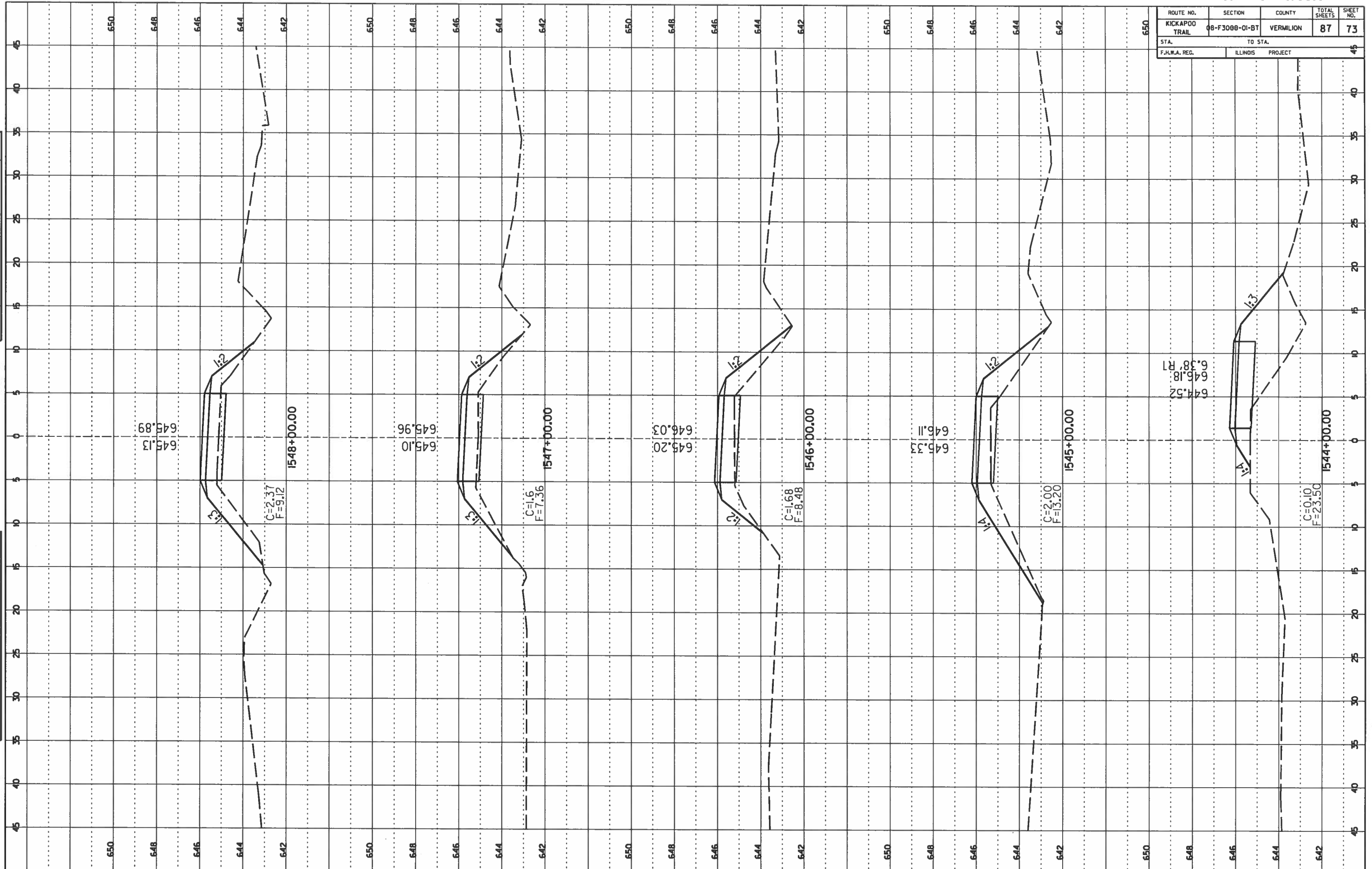
DATE	BY
ORIGINAL SURVEY	
NOTE BOOK NO. _____	
AREA ORDER	



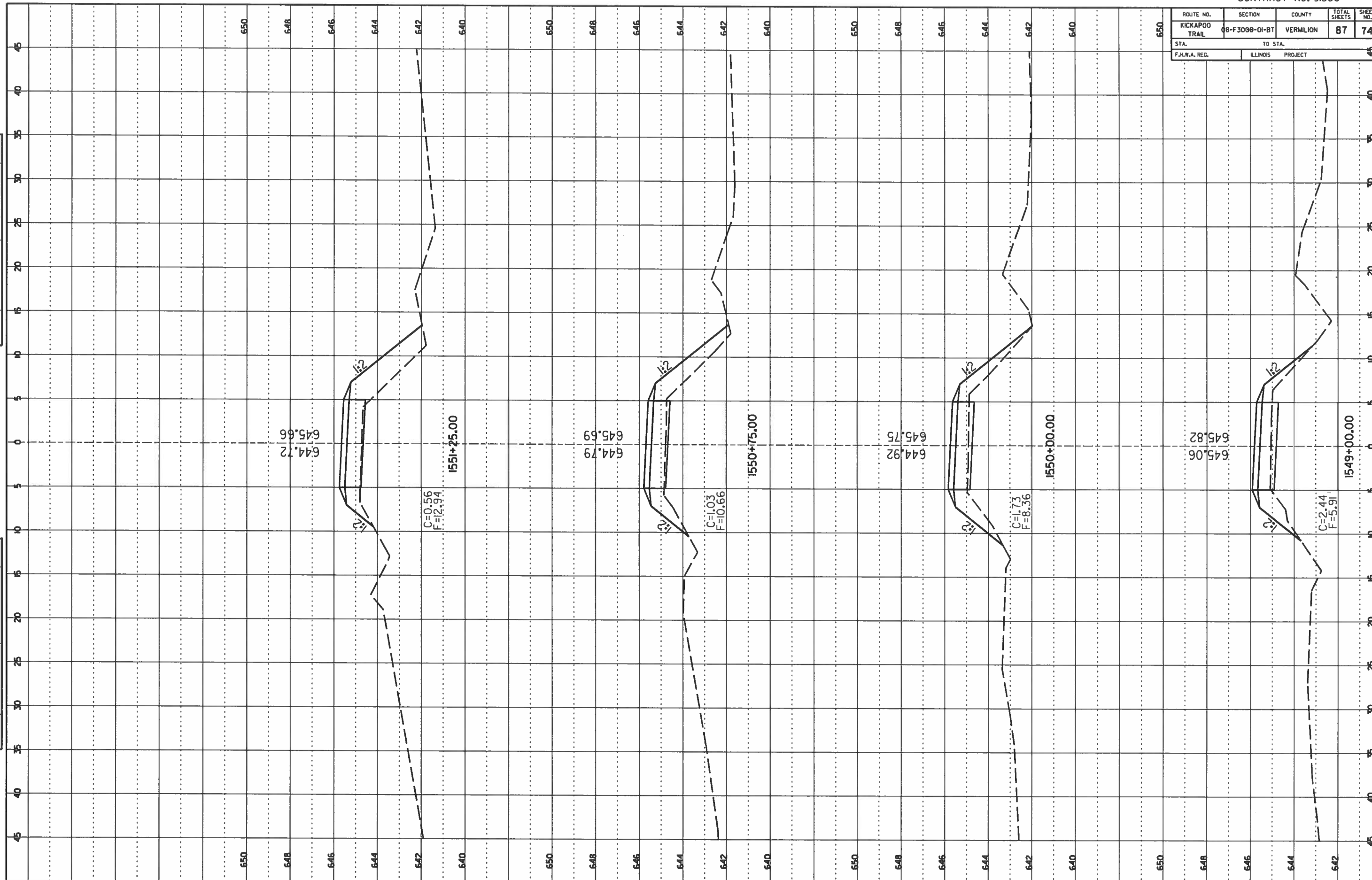
ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
KICKAPOO TRAIL	08-F3000-01-BT	VERMILION	87	73
STA.	TO STA.			
F.I.L.W.A. REG.	ILLINOIS	PROJECT		

FINAL SURVEY
 DATE: _____ BY: _____
 NOTE BOOK NO.: _____
 DATE CORRECTED: _____

ORIGINAL SURVEY
 DATE: _____ BY: _____
 NOTE BOOK NO.: _____
 DATE CORRECTED: _____



ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
KICKAPOO TRAIL	08-F3000-01-BT	VERMILION	87	74
STA. _____ TO STA. _____		F.H.W.A. REG. ILLINOIS PROJECT		



BY	DATE

FINAL SURVEY
NOTE BOOK NO. _____

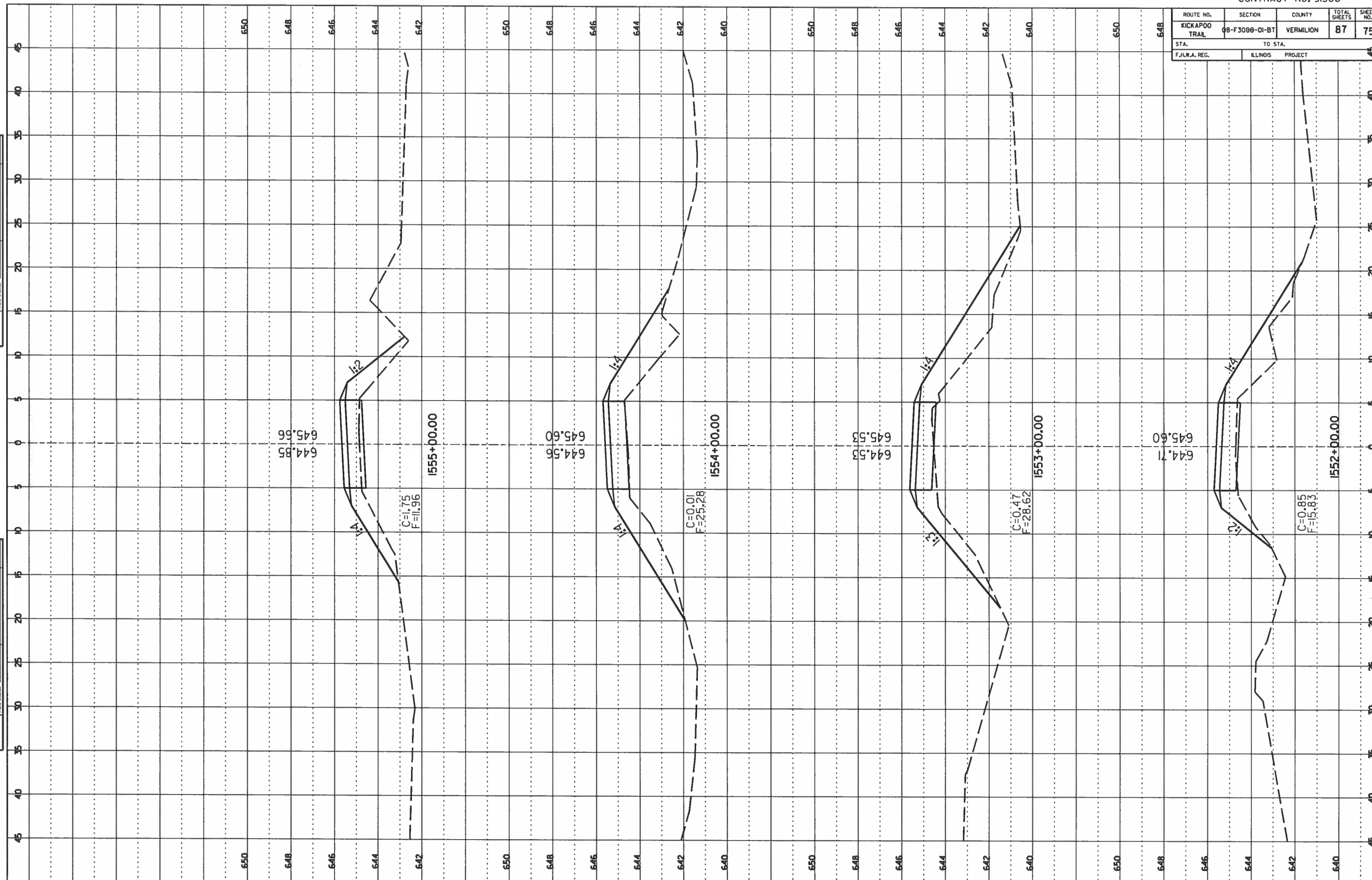
BY	DATE

ORIGINAL SURVEY
NOTE BOOK NO. _____

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
KICKAPOO TRAIL	08-F3000-01-BT	VERMILION	87	75
STA. TO STA.		ILLINOIS PROJECT		
F.H.W.A. REG.				

DATE	
BY	
FINAL SURVEY	
NOTE BOOK NO.	
AREA COVERED	

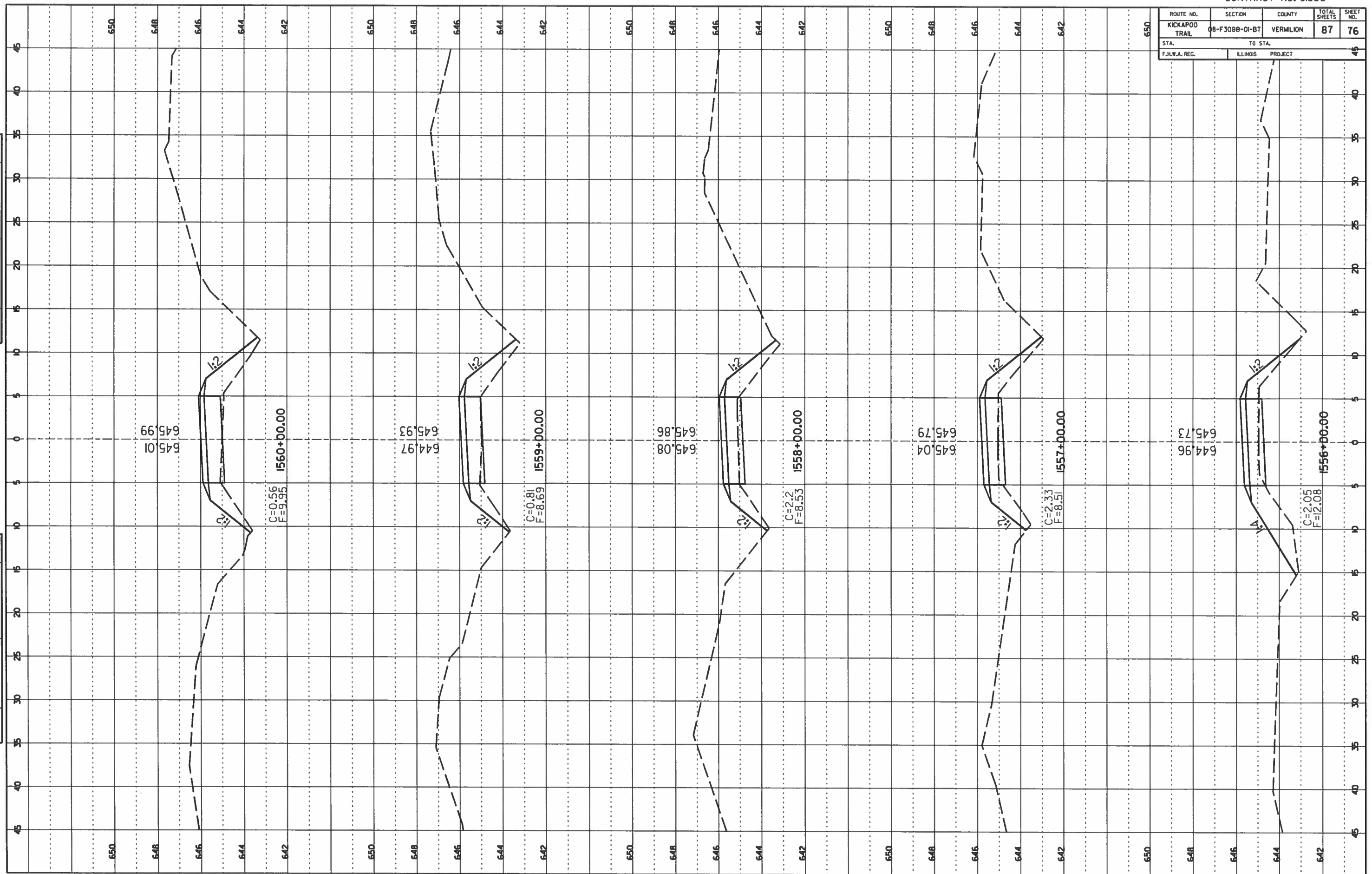
DATE	
BY	
ORIGINAL SURVEY	
NOTE BOOK NO.	
AREA COVERED	



ROUTE NO. KICKAPOO TRAIL	SECTION 08-F3088-01-BT	COUNTY VERMILION	TOTAL SHEETS 87	SHEET NO. 76
STA. F.H.R.A. REG.		TO STA. ILLINOIS PROJECT		

FINAL SURVEY
NOTE BOOK
NO. _____ DATE _____

ORIGINAL SURVEY
NOTE BOOK
NO. _____ DATE _____

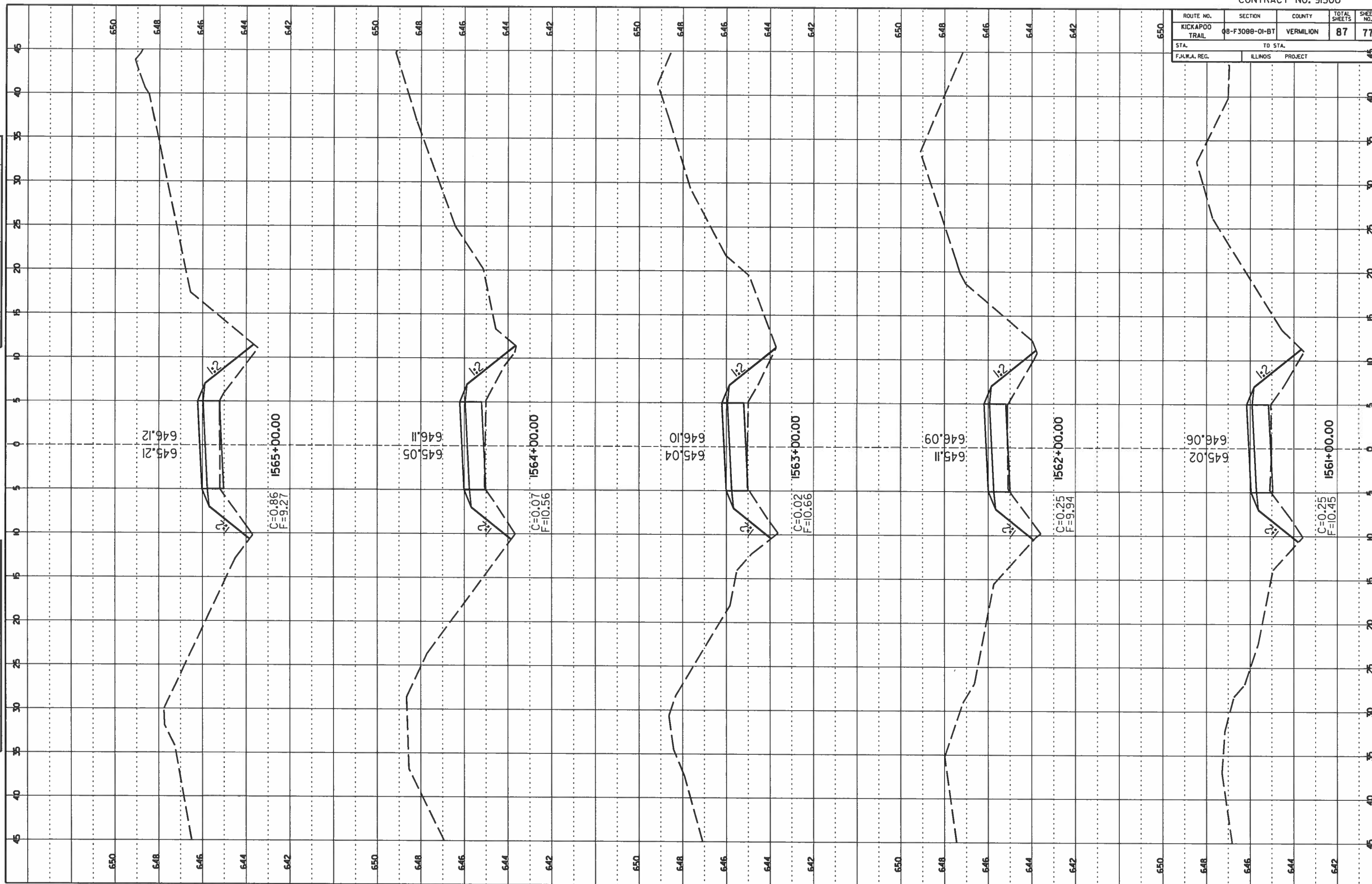


KICKAPOO TRAIL - OAKWOOD TO IDNR BOUNDARY

SECTION 08-F3000-01-BT

VERMILION COUNTY

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
KICKAPOO TRAIL	08-F3000-01-BT	VERMILION	87	77
STA. F.H.W.A. REG.		TO STA. ILLINOIS PROJECT		46



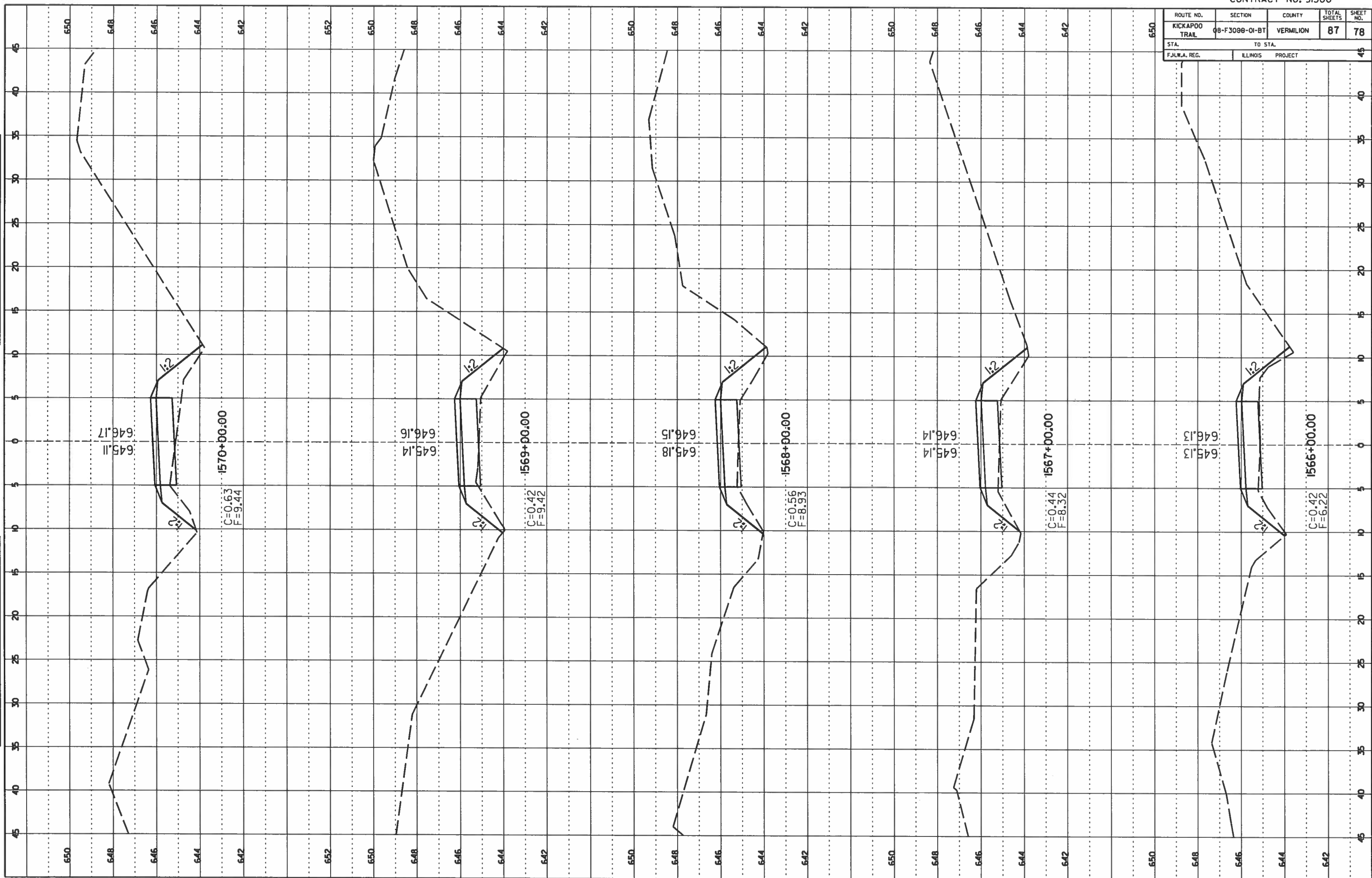
NO.	DATE	BY	FINAL SURVEY

NO.	DATE	BY	ORIGINAL SURVEY

ROUTE NO. KICKAPOO TRAIL	SECTION 08-F3000-01-BT	COUNTY VERMILION	TOTAL SHEETS 87	SHEET NO. 78
STA. _____		TO STA. _____		
F.I.L.W.A. REG. _____		ILLINOIS PROJECT _____		

FINAL SURVEY	DATE
NO. _____	_____
NOTE BOOK NO. _____	
FIELD BOOK NO. _____	

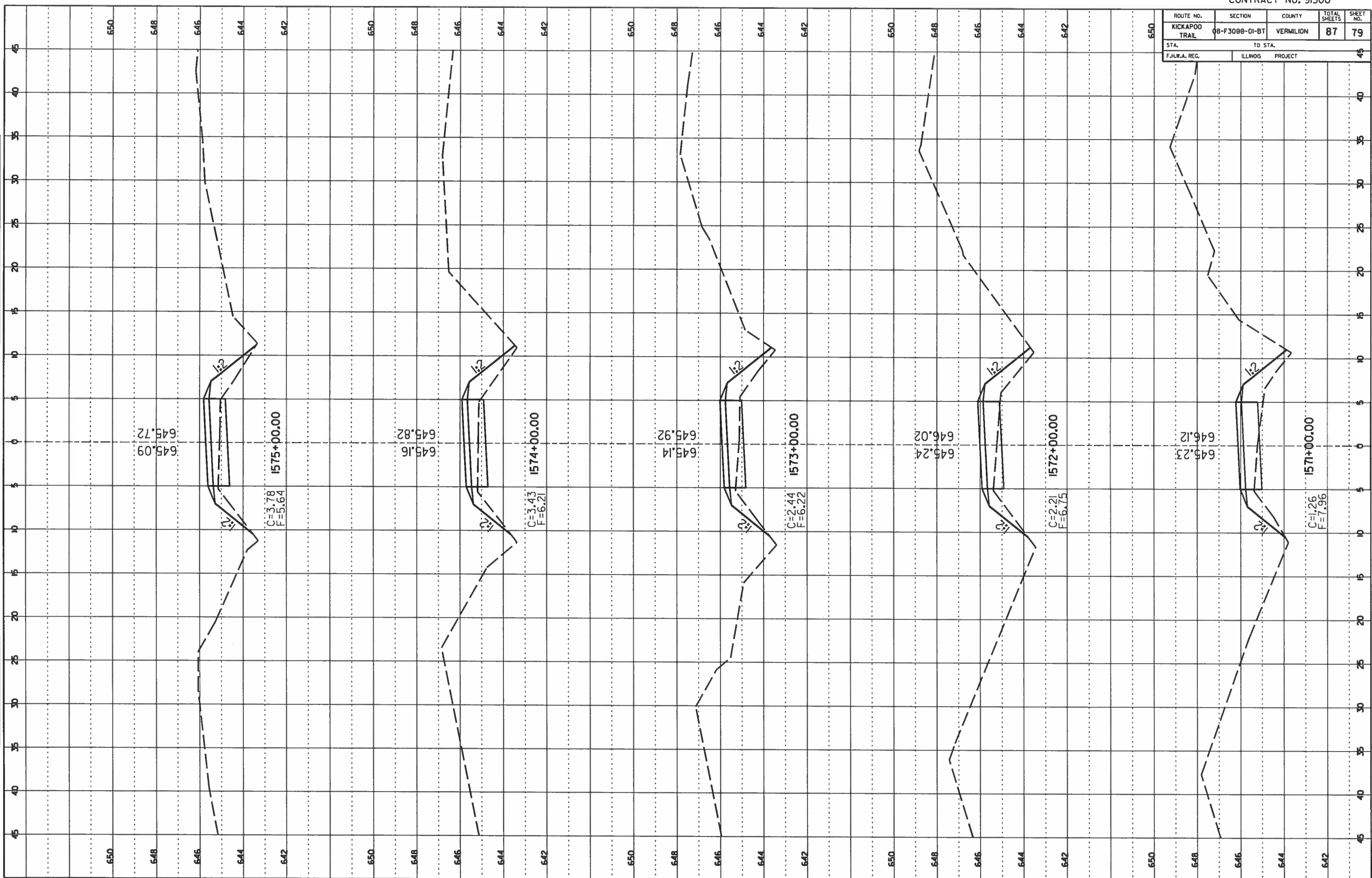
ORIGINAL SURVEY	DATE
NO. _____	_____
NOTE BOOK NO. _____	
FIELD BOOK NO. _____	



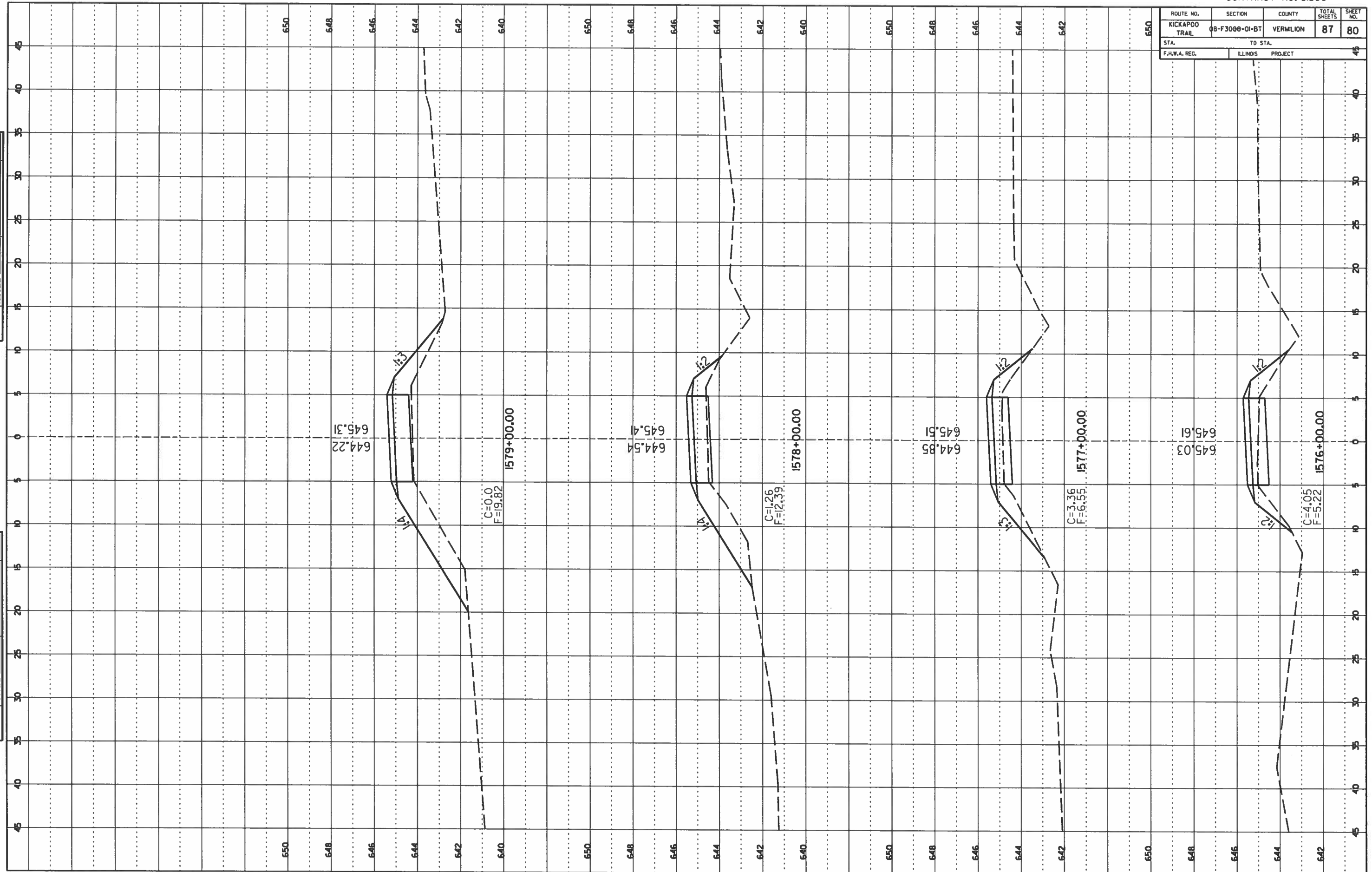
ROUTE NO. KICKAPOO TRAIL	SECTION 08-F3000-01-BT	COUNTY VERMILION	TOTAL SHEETS 87	SHEET NO. 79
STA. F.H.W.A. REG.		TO STA. ILLINOIS PROJECT		

FINAL SURVEY	DATE
NUMBER	
PLATTE	
TRIMLINE	
NOTE BOOK NO.	
FIELD BOOK NO.	

ORIGINAL SURVEY	DATE
NUMBER	
PLATTE	
TRIMLINE	
NOTE BOOK NO.	
FIELD BOOK NO.	



ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
KICKAPOO TRAIL	08-F3000-01-BT	VERMILION	87	80
STA.	TO STA.			
F.J.W.A. REG.	ILLINOIS PROJECT			



FINAL SURVEY

DATE	
BY	
REVISION	
NOTE BOOK NO.	
AREA	
AREA ORDER	

ORIGINAL SURVEY

DATE	
BY	
REVISION	
NOTE BOOK NO.	
AREA	
AREA ORDER	

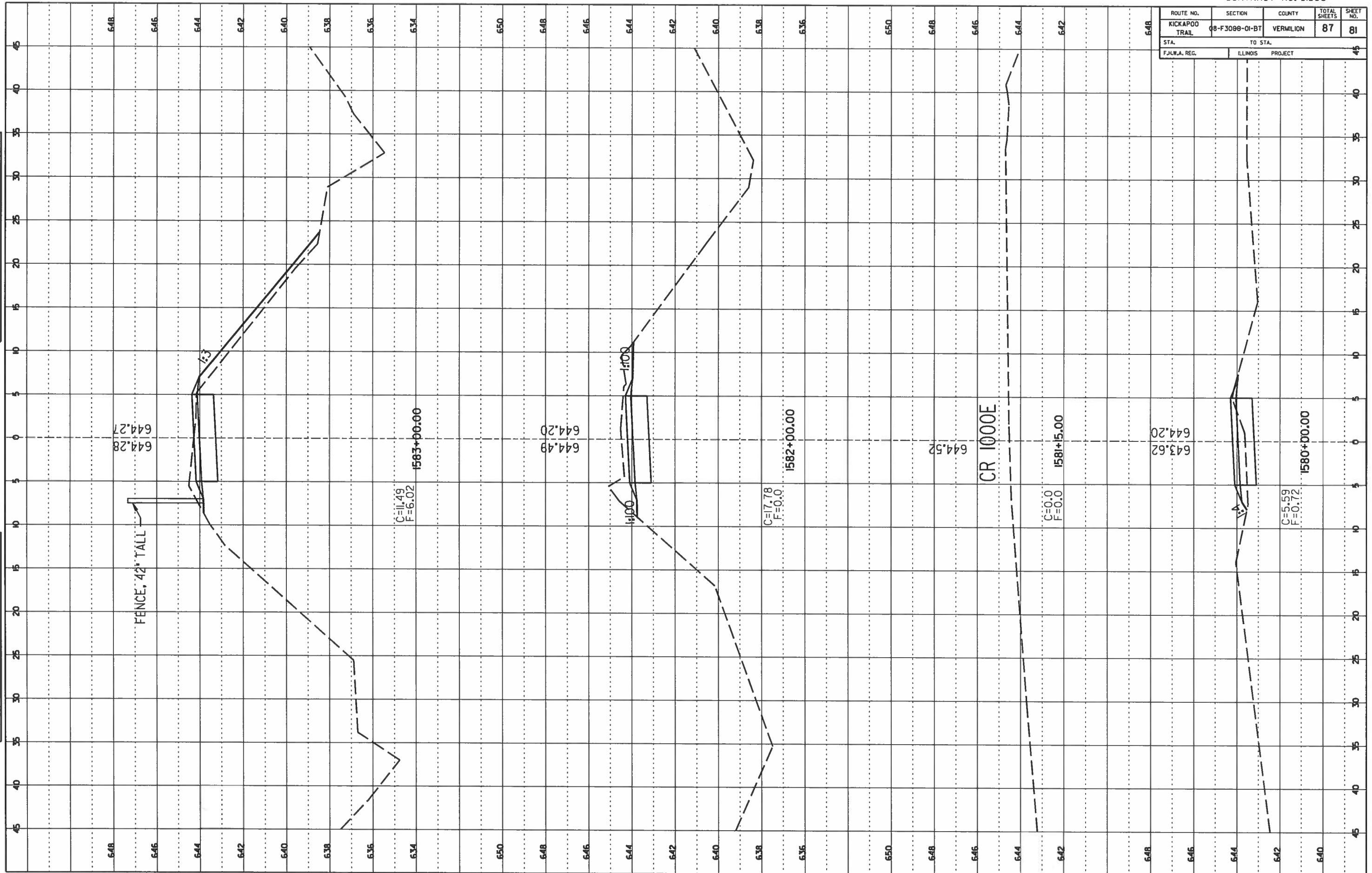
ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
KICKAPOO TRAIL	08-F3088-01-BT	VERMILION	87	81
STA. TO STA.				
F.J.W.A. REG.		ILLINOIS PROJECT		

NO.	DATE	BY	REVISION

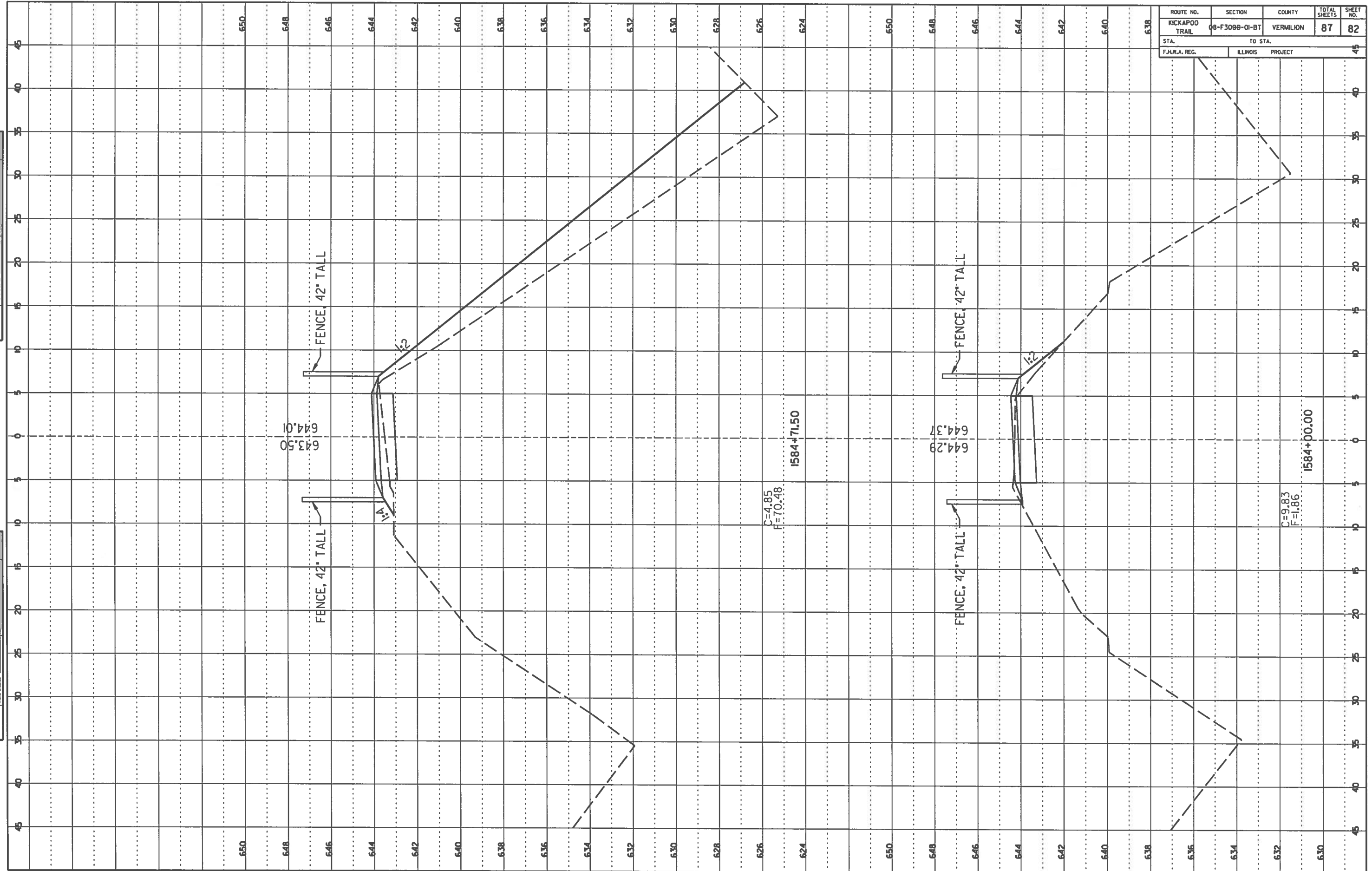
FINAL SURVEY NOTE BOOK

NO.	DATE	BY	REVISION

ORIGINAL SURVEY NOTE BOOK



ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
KICKAPOO TRAIL	08-F3000-01-BT	VERMILION	87	82
STA. TO STA.				
F.H.W.A. REG.		ILLINOIS PROJECT		



FINAL SURVEY
NOTE BOOK NO. _____ DATE _____

ORIGINAL SURVEY
NOTE BOOK NO. _____ DATE _____

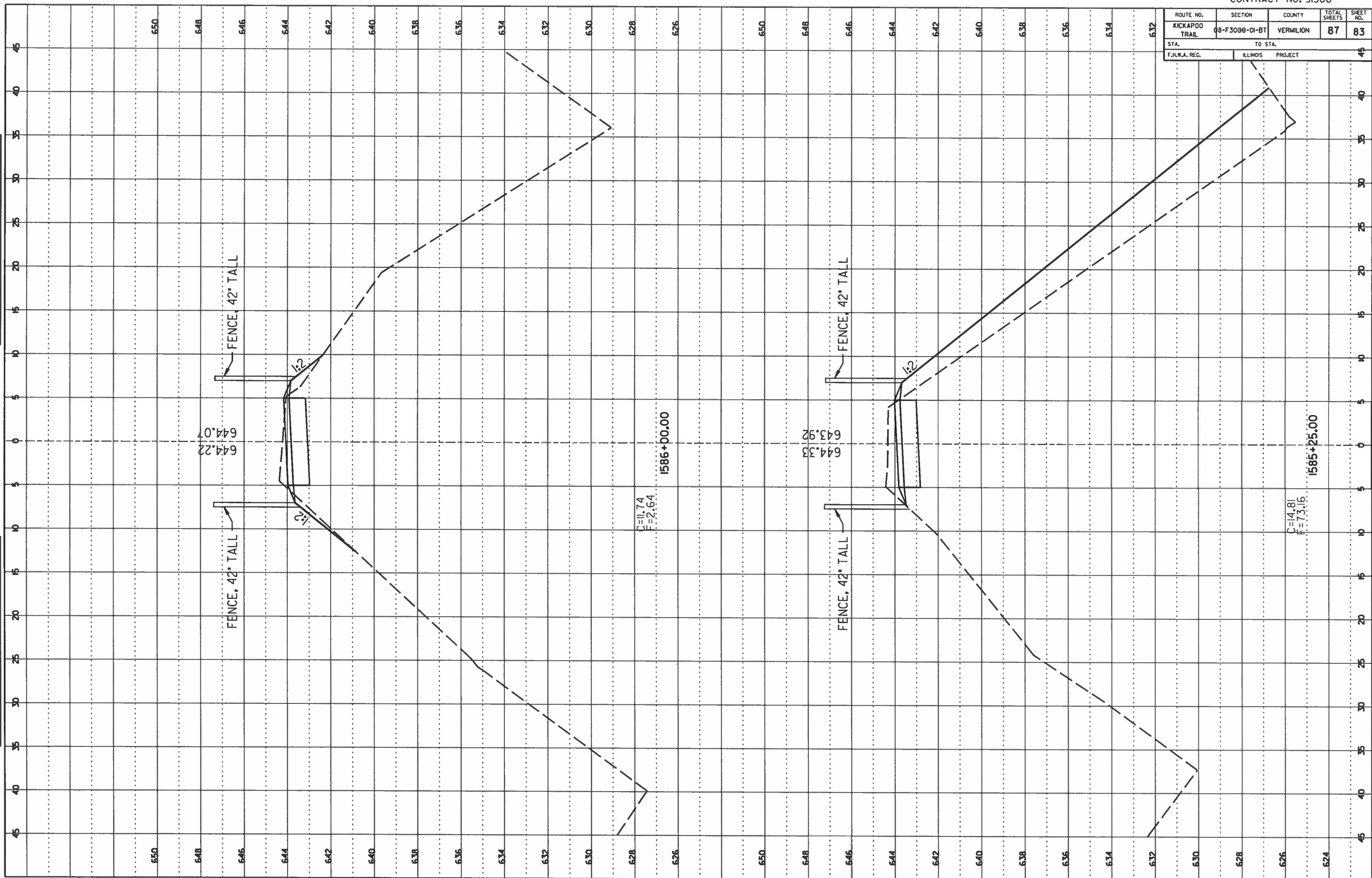
ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
KICKAPOO TRAIL	08-F3000-01-BT	VERMILION	87	83
STA.		TO STA.		
F.H.W.A. REG.		ILLINOIS PROJECT		

NO.	DATE	BY

FINAL SURVEY
NOTE BOOK NO. _____

NO.	DATE	BY

ORIGINAL SURVEY
NOTE BOOK NO. _____



KICKAPOO TRAIL - OAKWOOD TO IDNR BOUNDARY

SECTION 08-F3000-01-BT

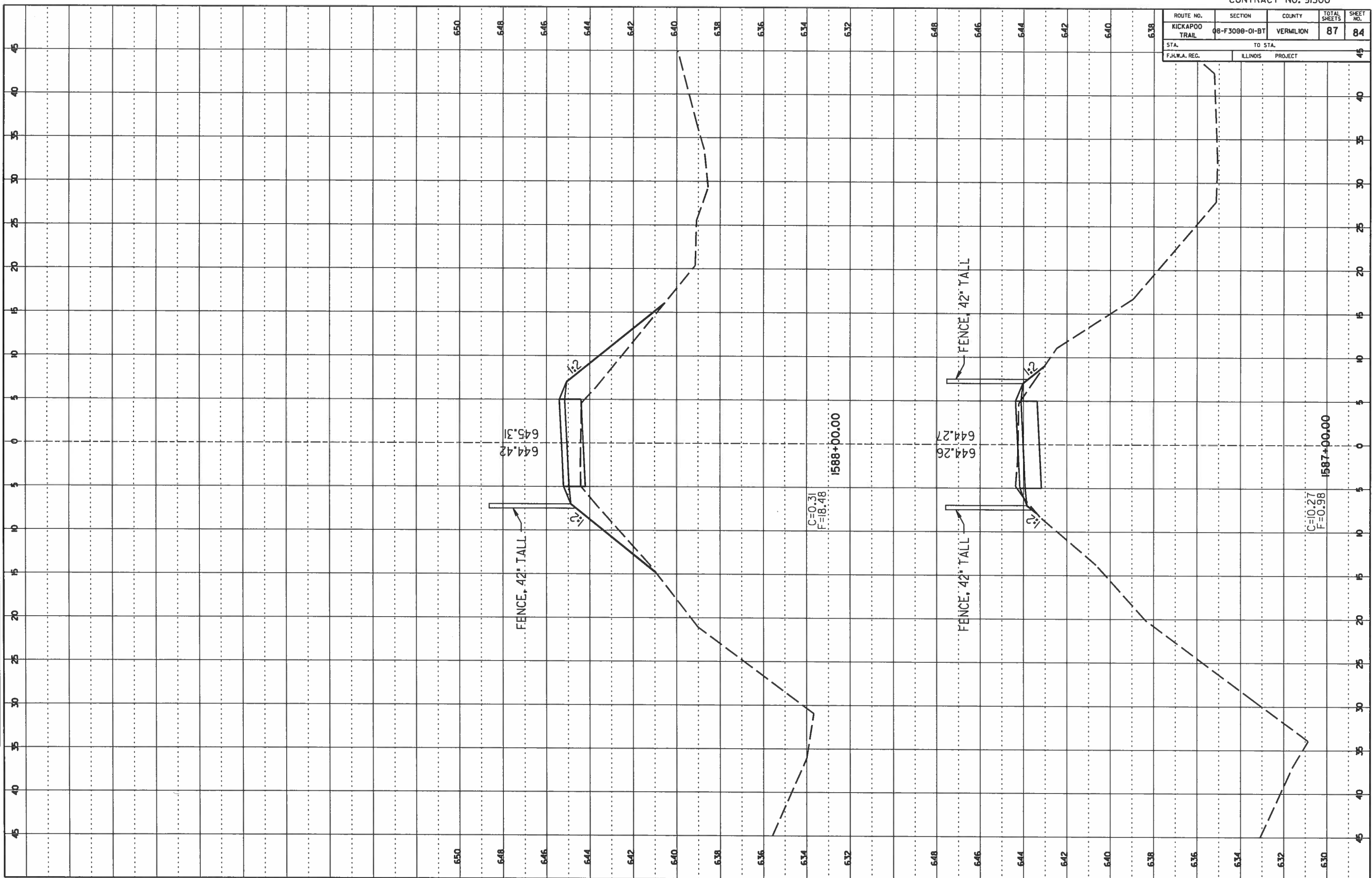
VERMILION COUNTY

SHEET 83 OF 87 SHEETS 13-620F

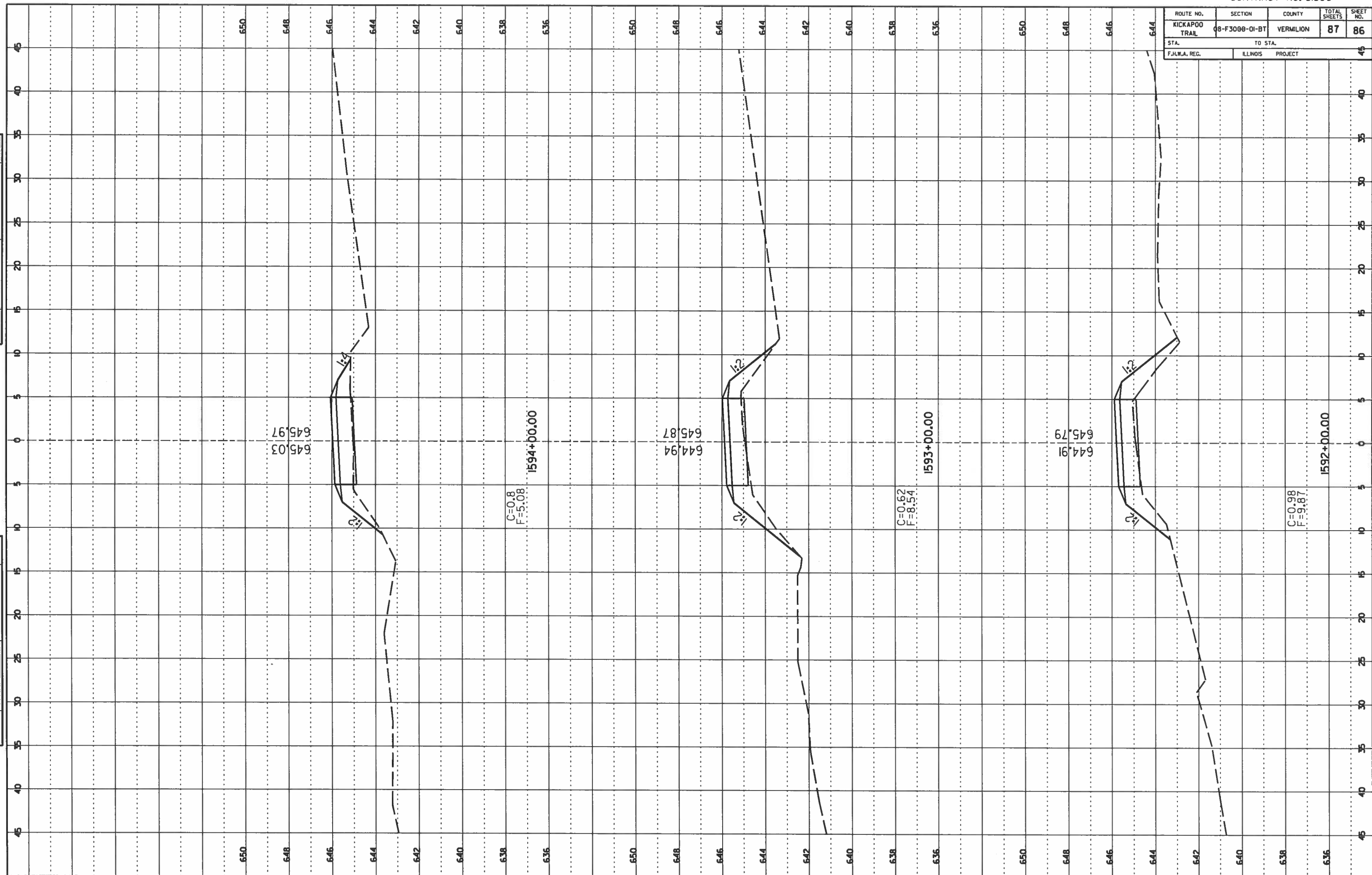
ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
KICKAPOO TRAIL	08-F3000-OI-BT	VERMILION	87	84
STA. _____ TO STA. _____		ILLINOIS PROJECT		
F.H.W.A. REG. _____		PROJECT _____		

FINAL SURVEY NOTE BOOK NO. _____ DATE _____ BY _____

ORIGINAL SURVEY NOTE BOOK NO. _____ DATE _____ BY _____



ROUTE NO. KICKAPOO TRAIL	SECTION 08-F3000-01-BT	COUNTY VERMILION	TOTAL SHEETS 87	SHEET NO. 86
STA. F.H.M.A. REG.		TO STA. ILLINOIS PROJECT		



FINAL SURVEY

DATE	BY
REVISION	BY
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REVISION	BY
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ORIGINAL SURVEY

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REVISION	BY

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
KICKAPOO TRAIL	08-F3088-01-BT	VERMILION	87	87
STA. TO STA.		48		
F.H.W.A. REG.		ILLINOIS PROJECT		

FINAL SURVEY	DATE
NO. _____	_____
NO. _____	_____
NO. _____	_____
NO. _____	_____
NO. _____	_____
NO. _____	_____
NO. _____	_____
NO. _____	_____
NO. _____	_____
NO. _____	_____

ORIGINAL SURVEY	DATE
NO. _____	_____
NO. _____	_____
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