11-06-2026 LETTING ITEM 113

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
327A	17CR-1	MARION	51	1
	ILLINOIS	CONTRACT NO. 76M46		

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROPOSED
HIGHWAY PLANS

FAP ROUTE 327A (U.S. ROUTE 50)
SECTION 17CR-1
PROJECT NHPP-SY4I(665)
CULVERT REPLACEMENT
MARION COUNTY

C-98-079-19

FOR INDEX OF SHEETS, SEE SHEET NO. 2

FOR SUMMARY OF QUANTITIES, SEE SHEETS NO. 3 - 7

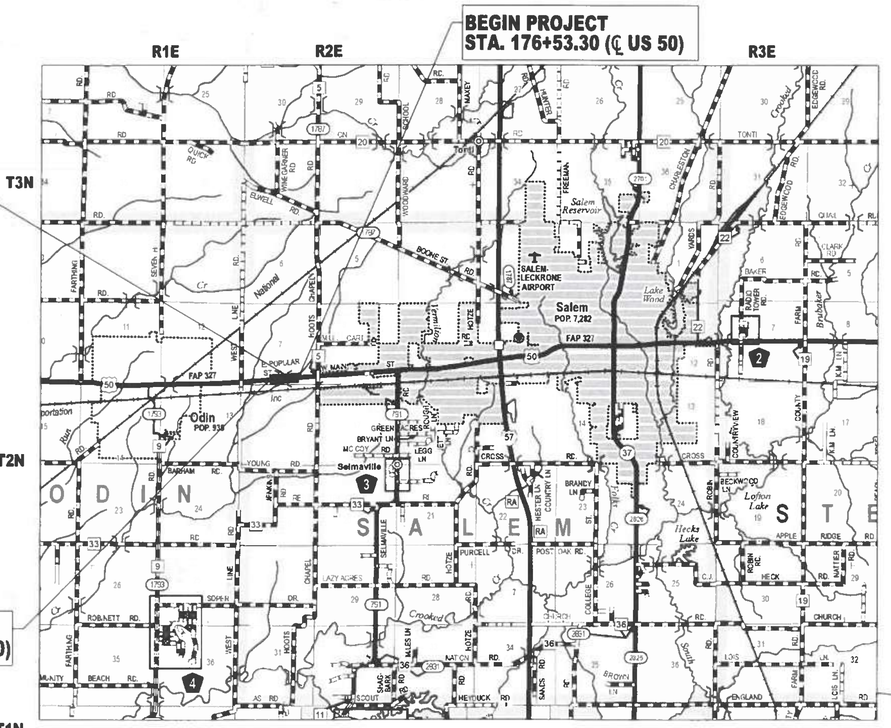
U.S. ROUTE 50 (US 50)

DESIGN DESIGNATION: OTHER PRINCIPAL ARTERIAL

ADT (TWO-WAY): 6,650 (2020) 7,650 (2040)

PV = 86.0%
SU = 4.5%
MU = 9.5%

POSTED SPEED: 45 MPH



LOCATION MAP

GROSS LENGTH = 1,115.00 FT. = 0.211 MILE

NET LENGTH = 1,115.00 FT. = 0.211 MILE

US ROUTE 50 OVER TRIBUTARY TO TURKEY CREEK

EXISTING S.N. 061-2008
℄ STA. 182+23.30

PROPOSED S.N. 061-2029
℄ STA. 182+23.30
DOUBLE BARREL CONCRETE BOX CULVERT
(12'-0" W x 9'-0" H x 91'-3" L)
WITH CONCRETE WINGWALLS
40° SKEW - LEFT AHEAD

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

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

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

PROJECT ENGINEER: CHERYL KEPLAR
PROJECT MANAGER: BRANDON HUMPHREYS

CONTRACT NO. 76M46

D-98-060-19



LOCATION OF SECTION INDICATED THUS: -

VEENSTRA & KIMM INC.
A Kleinfelder Company

LICENSED PROFESSIONAL ENGINEER
DUSTIN J. BOOK
062-057930
OF ILLINOIS

EXPIRES: 11/30/2027
DATE: 7/31/2026

SEAL AND SIGNATURE APPLIES TO ALL SHEETS EXCEPT SHEETS 26 - 34

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUBMITTED 8/14 20 26

REGIONAL ENGINEER

October 2 20 26

ENGINEER OF DESIGN AND ENVIRONMENT

October 2 20 26

DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

PRINTED BY THE AUTHORITY OF THE STATE OF ILLINOIS

INDEX OF SHEETS

SHEET NO.	DESCRIPTION
1	COVER SHEET
2	INDEX OF SHEETS, HIGHWAY STANDARDS, GENERAL NOTES, HMA MIXTURE REQUIREMENTS, AND COMMITMENTS
3 - 7	SUMMARY OF QUANTITIES
8 - 9	TYPICAL SECTIONS
10 - 13	SCHEDULE OF QUANTITIES
14	ALIGNMENT, TIES, AND BENCHMARKS
15	ROAD CLOSURE / DETOUR PLAN
16	REMOVAL PLAN
17	ROADWAY PLAN AND PROFILE
18	DRAINAGE PLAN
19	EROSION CONTROL PLAN
20 - 23	PLAT OF HIGHWAYS
24	PAVEMENT MARKING PLAN
25	ENTRANCE DETAILS
26 - 34	STRUCTURE PLANS (S.N. 061-2029)
35 - 51	CROSS SECTIONS

LIST OF HIGHWAY STANDARDS

STD. NO.	TITLE
000001-09	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
001001-02	AREAS OF REINFORCEMENT BARS
001006	DECIMAL OF AN INCH AND OF A FOOT
280001-07	TEMPORARY EROSION CONTROL SYSTEMS
482001-02	HMA SHOULDER ADJACENT TO FLEXIBLE PAVEMENT
515001-04	NAME PLATES FOR BRIDGES
542301-03	PRECAST REINFORCED CONCRETE FLARED END SECTION
630001-13	STEEL PLATE BEAM GUARDRAIL
630101-11	STRONG POST GUARDRAIL ATTACHED TO CULVERT
630301-09	SHOULDER WIDENING FOR TYPE 1 GUARDRAIL TERMINALS
642001-03	SHOULDER RUMBLE STRIPS 16"
666001-01	RIGHT OF WAY MARKERS
701001-02	OFF-RD OPERATIONS 2L 2W MORE THAN 15FT
701006-05	OFF-RD OPERATIONS 2L 2W 15' TO 24" FROM PAVEMENT EDGE
701301-04	LANE CLOSURE, 2L 2W, SHORT TIME OPERATIONS
701311-03	LANE CLOSURE, 2L 2W, MOVING OPERATIONS DAY ONLY
701901-11	TRAFFIC CONTROL DEVICES
725001-01	OBJECT AND TERMINAL MARKERS
780001-05	TYPICAL PAVEMENT MARKINGS
781001-04	TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS
782006-01	GUARDRAIL AND BARRIER WALL REFLECTOR MOUNTING DETAILS
BLR21-9	TYPICAL APPLICATION OF TRAFFIC CONTROL DEVICES FOR CONSTRUCTION OF RURAL LOCAL HIGHWAYS

GENERAL NOTES

1. UTILITIES KNOWN TO HAVE FACILITIES WITHIN THE PROJECT AREA ARE AS FOLLOWS:

   * AMEREN ILLINOIS
   * CHARTER COMMUNICATIONS, INC.
   * COUNTRYMARK COOPERATIVE, LLP
   * FAIRPOINT COMMUNICATIONS
   * METRO COMMUNICATIONS COMPANY, INC.
   * TRI-COUNTY ELECTRIC COOPERATIVE, INC.
   * WABASH COMMUNICATIONS COOPERATIVE, INC.

2. IF THE CONTRACTOR, FOR HIS CONSTRUCTION ACTIVITY, REMOVES TREES WITHIN THE RIGHT-OF-WAY LIMITS WHICH ARE NOT DESIGNATED ON THE PLANS FOR REMOVAL, I.E. IN ORDER TO GAIN ACCESS TO THE PROJECT SITE; IT WILL BE HIS RESPONSIBILITY TO REPLACE THE TREES AT A 1:1 RATIO. THE TRESS WILL BE REPLACED WITH A 1 GALLON NATIVE ILLINOIS TREE SPECIES AND SHALL BE APPROVED BY THE ENGINEER. THE TREE REMOVAL AND TREE REPLACEMENT WILL BE AT THE CONTRACTOR'S EXPENSE, AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

3. ALL TEMPORARY PAVEMENT MARKINGS WILL BE PLACED IN SUCH A MANNER SO AS NOT TO INTERFERE WITH THE PLACEMENT OF PERMANENT PAVEMENT MARKINGS.

4. THE RESIDENT ENGINEER SHALL VERIFY THE EXISTENCE OF HIGHWAY LIGHTING AND/OR INTELLIGENT TRANSPORTATION SYSTEMS (I.T.S.) UTILITIES WITHIN THE PROJECT LIMITS. IF HIGHWAY LIGHTING AND/OR I.T.S. EXISTS WITHIN THE PROJECT LIMITS, AND IF THESE ITEMS REQUIRE LOCATING, THE CONTRACTOR SHALL BE DIRECTED TO DO SO ACCORDING TO SECTION 803 OF THE STANDARD SPECIFICATIONS. THIS WORK SHALL BE PAID FOR ACCORDING TO ARTICLE 109.04 OF THE STANDARD SPECIFICATIONS.

5. THE TWO (2) CHANGEABLE MESSAGE BOARDS REQUIRED FOR THIS PROJECT IN THE ROAD CLOSURE DETOUR PLAN SHALL BE IN PLACE AND OPERATIONAL TWO (2) WEEKS PRIOR TO ANY LANE CLOSURE AT LOCATIONS DETERMINED BY THE ENGINEER. THE ENGINEER WILL PROVIDE THE MESSAGE TO THE CONRACTOR TO BE USED FOR THESE TWO (2) WEEKS AND DURING CONSTRUCTION.

6. THE CONTRACTOR SHALL PROVIDE POSITIVE AND ADEQUATE DRAINAGE AT ALL TIMES.

7. ALL ELEVATIONS REFER TO THE NAVD 88 DATUM.

8. THE DISTRICT LAND ACQUISITION SECTION SHALL BE CONTACTED IF DIFFERENCES ARE IDENTIFIED BETWEEN ANY PROPOSED RIGHT-OF-WAY OR EASEMENT SHOWN ON THE ENGINEERING PLAN SHEETS AS COMPARED TO THE SAME PROPOSED RIGHT-OF-WAY OR EASEMENT SHOWN ON THE PLAT OF HIGHWAYS. QUESTIONS OR CONCERNS REGARDING THESE ITEMS SHOULD BE DIRECTED TO CLINT MARSHALL AT (618) 346-3124.

9. ALL EXISTING AND PROPOSED RIGHT-OF-WAY LINES AND PROPERTY LINES SHOWN ON THE ROADWAY PLAN SHEETS ARE GRAPHICAL REPRESENTATIONS AND SHALL NOT BE USED AS A MEANS TO ESTABLISH OWNERSHIP. IN ALL MATTERS RELATING TO RIGHT-OF-WAY, THE PLAT OF HIGHWAYS SHALL BE THE CONTROLLING DOCUMENT.

10. IF ANY SECTION OR SUB-SECTION MONUMENT (I.E. STONE, BRASS PLUG, ALUMINUM DISK, IRON PIPE OR PIN, MAG NAIL, CROSS, ETC.) IS ENCOUNTERED, THE ENGINEER SHALL BE NOTIFIED BEFORE SUCH MONUMENT IS REMOVED OR RESURFACED OVER. THE CONTRACTOR SHALL PROTECT AND CAREFULLY PRESERVE THE MONUMENT IN PLACE UNTIL AN ILLINOIS PROFESSIONAL LAND SURVEYOR WITH A DEPARTMENT PREQUALIFICATION IN “SPECIAL SERVICES – SURVEYING” HAS REFERENCED ITS LOCATION.

11. ALL RIGHT-OF-WAY MONUMENTS AND PROPERTY CORNERS SHALL BE SET BY AN ILLINOIS PROFESSIONAL LAND SURVEYOR WITH A DEPARTMENT PREQUALIFICATION IN “SPECIAL SERVICES – SURVEYING”.

12. THE RIGHT-OF-WAY OR PROPERTY CORNER IS MONUMENTED WITH A 5/8" IRON ROD, THIRTY INCHES (30") IN LENGTH, WITH AN IDOT ALUMINUM CAP THAT SHALL NOT BE REMOVED, DAMAGED OR DISTURBED WHEN SETTING THE RIGHT-OF-WAY MARKER. THE RIGHT-OF-WAY MARKER SHALL BE INSTALLED SO THAT THE BACK OF THE POST IS TWELVE INCHES (12") INSIDE THE RIGHT-OF-WAY BOUNDARY. THE RIGHT-OF-WAY MARKER SHALL BE A WITNESS TO THE MONUMENT.

13. THE CONTRACTOR SHALL MAINTAIN ACCESS TO ALL PRIVATE ENTRANCES (PE) AND FIELD ENTRANCES (FE) AT ALL TIMES.

14. ALL RELEVANT SCHOOL DISTRICTS, POLICE, HOSPITALS, AND FIRE DEPARTMENTS SHALL NOTIFIED BY THE CONTRACTOR PRIOR TO THE START OF CONSTRUCTION.

HOT-MIX ASPHALT MIXTURE REQUIREMENTS

THE FOLLOWING MIXTURES SHALL BE USED FOR THIS PROJECT:

MIXTURE USE	HMA PAVEMENT (FULL-DEPTH)		HMA SHOULDERS		INCIDENTAL
	BINDER	SURFACE	LOWER LIFTS	SURFACE	HMA SURFACING
AC/PG	PG 64-22	PG 64-22	PG 64-22	PG 64-22	PG 64-22
RAP% (MAX.)	SEE SPEC.	SEE SPEC.	SEE SPEC.	SEE SPEC.	SEE SPEC.
DESIGN AIR VOIDS	4.0% @ N_{des}= 70	4.0% @ N_{des}= 70	4.0% @ N_{des}= 30	4.0% @ N_{des}= 30	4.0% @ N_{des}= 70
MIXTURE COMPOSITION (GRADATION)	IL 19.0	IL 9.5	IL 19.0L	IL 9.5L	IL 9.5
FRICTION AGGREGATE	MIXTURE "B"	MIXTURE "D"			MIXTURE "C"
QUALITY MANAGEMENT PROGRAM	QCP	QC/QA	QC/QA	QC/QA	QC/QA
SUBLOT SIZE	1000 TONS	3000 TONS	3000 TONS	3000 TONS	3000 TONS
MTD REQURIED (YES / NO)	NO	NO	NO	NO	NO

1. PLAN QUANTITIES FOR HOT-MIX ASPHALT ITEMS ARE CALCULATED USING A UNIT WEIGHT OF 112 LB/SQ YD/IN (59.8 KG/SQ M/25 MM THICKNESS).

COMMITMENTS

TREES THREE INCHES OR GREATER IN DIAMETER AT BREAST HEIGHT SHALL NOT BE CLEARED FROM APRIL 1ST THROUGH SEPTEMBER 30TH OF ANY GIVEN YEAR.

RATES OF APPLICATION

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

DESCRIPTION	RATE OF APPLICATION
HOT-MIX ASPHALT SURFACE COURSE	112 LBS / SQ YD / INCH
HOT-MIX ASPHALT BINDER COURSE	112 LBS / SQ YD / INCH
AGGREGATE MATERIAL	2.05 TONS / CU YD
TEMPORARY EROSION CONTROL SEEDING	100 LBS / ACRE
NITROGEN FERTILIZER NUTRIENT	90 LBS / ACRE
PHOSPHORUS FERTILIZER NUTRIENT	90 LBS / ACRE
POTASSIUM FERTILIZER NUTRIENT	90 LBS / ACRE
MULCH	2.0 TONS / ACRE
RIPRAP	1.5 TONS / CU YD
BITUMINOUS MATERIALS (PRIME COAT)	0.25 LBS / SQ FT
BITUMINOUS MATERIALS (TACK COAT)	0.025 LBS / SQ FT

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VEENSTRA & KIMM INC.
A Kleinfelder Company

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

INDEX OF SHEETS, HIGHWAY STANDARDS, GENERAL NOTES, HMA MIXTURE REQUIREMENTS, AND COMMITMENTS

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

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
327A	17CR-1	MARION	51	2
		CONTRACT NO. 76M46		
	ILLINOIS	FED. AID PROJECT		

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE 80% FEDERAL / 20% STATE RURAL BOX CULVERT 0010 S.N. 061-2029
20100500	TREE REMOVAL, ACRES	ACRE	0.25	0.25
20200100	EARTH EXCAVATION	CU YD	1,825	1,825
20300100	CHANNEL EXCAVATION	CU YD	90	90
20400800	FURNISHED EXCAVATION	CU YD	3,605	3,605
20700220	POROUS GRANULAR EMBANKMENT	CU YD	632	632
20800150	TRENCH BACKFILL	CU YD	35	35
25000210	SEEDING, CLASS 2A	ACRE	1.50	1.50
25000400	NITROGEN FERTILIZER NUTRIENT	POUND	135	135
25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	135	135
25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	135	135
25100115	MULCH, METHOD 2	ACRE	1.50	1.50
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	600	600
28000305	TEMPORARY DITCH CHECKS	FOOT	130	130
28000400	PERIMETER EROSION BARRIER	FOOT	2,068	2,068

* =SPECIALTY ITEMS

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

US 50 OVER TRIBUTARY TO TURKEY CREEK
SUMMARY OF QUANTITIES

SCALE: | SHEET 1 OF 5 SHEETS | STA. | TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
327A	17CR-1	MARION	51	3
		CONTRACT NO. 76M46		
	ILLINOIS	FED. AID PROJECT		

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE 80% FEDERAL / 20% STATE RURAL BOX CULVERT 0010 S.N. 061-2029
28100107	STONE RIPRAP, CLASS A4	SQ YD	315	315
28200200	FILTER FABRIC	SQ YD	315	315
31100910	SUBBASE GRANULAR MATERIAL, TYPE A 12"	SQ YD	5,418	5,418
31101900	SUBBASE GRANULAR MATERIAL, TYPE C	TON	274	274
35101800	AGGREGATE BASE COURSE, TYPE B 6"	SQ YD	224	224
40200500	AGGREGATE SURFACE COURSE, TYPE A 6"	SQ YD	98	98
40201000	AGGREGATE FOR TEMPORARY ACCESS	TON	100	100
40600275	BITUMINOUS MATERIALS (PRIME COAT)	POUND	11,632	11,632
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	2,327	2,327
40600370	LONGITUDINAL JOINT SEALANT	FOOT	1,115	1,115
40701901	HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 11"	SQ YD	3,607	3,607
40800050	INCIDENTAL HOT-MIX ASPHALT SURFACING	TON	44	44
44000100	PAVEMENT REMOVAL	SQ YD	1,901	1,901
44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	212	212

* =SPECIALTY ITEMS

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

US 50 OVER TRIBUTARY TO TURKEY CREEK
SUMMARY OF QUANTITIES

SCALE: | SHEET 2 OF 5 SHEETS | STA. | TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
327A	17CR-1	MARION	51	4
		CONTRACT NO. 76M46		
		ILLINOIS	FED. AID PROJECT	

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE 80% FEDERAL / 20% STATE RURAL BOX CULVERT 0010 S.N. 061-2029
44004250	PAVED SHOULDER REMOVAL	SQ YD	766	766
48102100	AGGREGATE WEDGE SHOULDER, TYPE B	TON	128	128
48203029	HOT-MIX ASPHALT SHOULDERS, 8"	SQ YD	1,564	1,564
50100100	REMOVAL OF EXISTING STRUCTURES	EACH	1	1
50105220	PIPE CULVERT REMOVAL	FOOT	212	212
50800205	REINFORCEMENT BARS, EPOXY COATED	POUND	59,860	59,860
51500100	NAME PLATES	EACH	1	1
54003000	CONCRETE BOX CULVERTS	CU YD	330.5	330.5
54213663	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 18"	EACH	6	6
54213669	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 24"	EACH	2	2
54213675	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 30"	EACH	2	2
542A0223	PIPE CULVERTS, CLASS A, TYPE 1 18"	FOOT	84	84
542A0229	PIPE CULVERTS, CLASS A, TYPE 1 24"	FOOT	38	38
542A0235	PIPE CULVERTS, CLASS A, TYPE 1 30"	FOOT	52	52

* =SPECIALTY ITEMS

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

US 50 OVER TRIBUTARY TO TURKEY CREEK
SUMMARY OF QUANTITIES

SCALE: | SHEET 3 OF 5 SHEETS | STA. | TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
327A	17CR-1	MARION	51	5
		CONTRACT NO. 76M46		
		ILLINOIS	FED. AID PROJECT	

	CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE 80% FEDERAL / 20% STATE RURAL BOX CULVERT 0010 S.N. 061-2029
*	63000001	STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS	FOOT	537.5	537.5
*	63000030	STRONG POST GUARDRAIL ATTACHED TO CULVERT	FOOT	82	82
*	63100167	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	EACH	4	4
	63200310	GUARDRAIL REMOVAL	FOOT	763	763
	64200108	SHOULDER RUMBLE STRIPS, 8 INCH	FOOT	2,231	2,231
	66600105	FURNISHING AND ERECTING RIGHT OF WAY MARKERS	EACH	6	6
	67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	6	6
	67100100	MOBILIZATION	L SUM	1	1
	70107025	CHANGEABLE MESSAGE SIGN	CAL DA	228	228
	70300100	SHORT TERM PAVEMENT MARKING	FOOT	454	454
	70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SQ FT	152	152
*	72501000	TERMINAL MARKER - DIRECT APPLIED	EACH	4	4
*	78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	94	94
*	78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	5,302	5,302

* =SPECIALTY ITEMS

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VEENSTRA & KIMM INC.
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PLOT DATE = 7/31/2026	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

US 50 OVER TRIBUTARY TO TURKEY CREEK
SUMMARY OF QUANTITIES

SCALE: | SHEET 4 OF 5 SHEETS | STA. | TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
327A	17CR-1	MARION	51	6
		CONTRACT NO. 76M46		
	ILLINOIS	FED. AID PROJECT		

	CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE 80% FEDERAL / 20% STATE RURAL BOX CULVERT 0010 S.N. 061-2029
*	78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	78	78
*	78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	48	48
	78200005	GUARDRAIL REFLECTORS, TYPE A	EACH	8	8
	X6026200	INLETS TO BE ADJUSTED (SPECIAL)	EACH	1	1
	X6640104	FENCE REMOVAL	FOOT	381	381
	X7011800	TRAFFIC CONTROL AND PROTECTION, STANDARD BLR 21	L SUM	1	1
	X7200203	DETOUR SIGNING	L SUM	1	1
	Z0004638	PAVEMENT BREAKING	SQ YD	2,536	2,536
	Z0013798	CONSTRUCTION LAYOUT	L SUM	1	1
Ø	Z0076600	TRAINEES	HOUR	1000	1000
Ø	Z0076604	TRAINEES TRAINING PROGRAM GRADUATE	HOUR	1000	1000

* =SPECIALTY ITEMS

Ø 0042

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A Kleinfelder Company

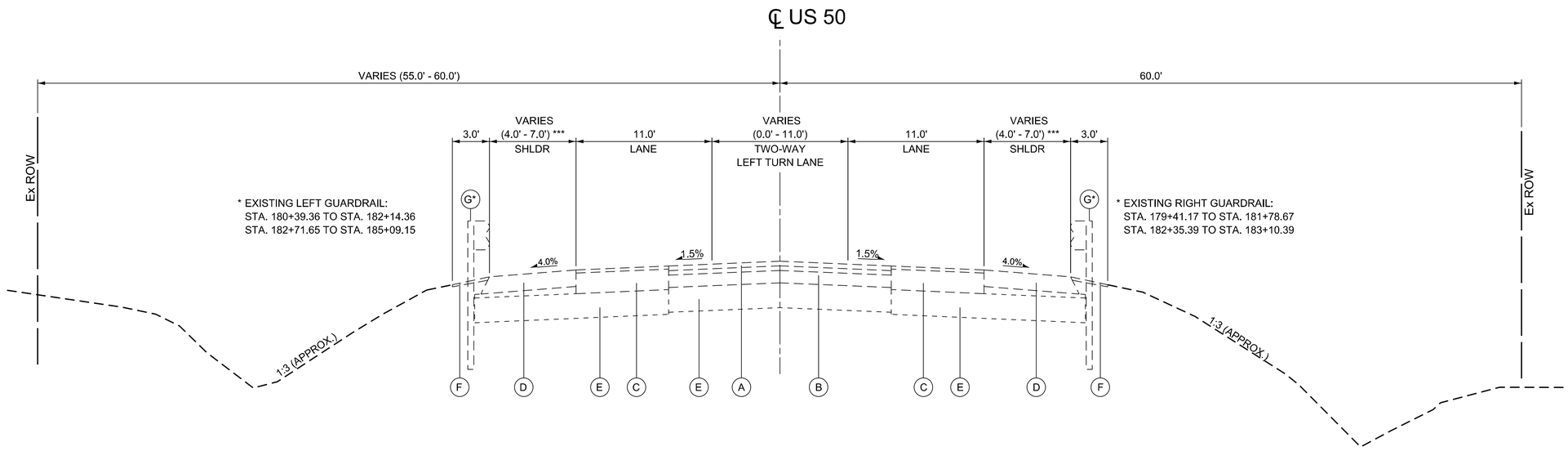
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	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 7/31/2026	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

US 50 OVER TRIBUTARY TO TURKEY CREEK
SUMMARY OF QUANTITIES

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

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
327A	17CR-1	MARION	51	7
		CONTRACT NO. 76M46		
	ILLINOIS	FED. AID PROJECT		



EXISTING TYPICAL SECTION: US 50

(LOOKING EAST)
STA. 176+53.30 TO STA. 187+68.30

*** 4' SHOULDER: STA. 176+53.30 TO STA. 179+10.30
7' SHOULDER: STA. 179+10.30 TO STA. 187+68.30

EXISTING LEGEND

- (A) EXIST. BITUMINOUS OVERLAY, ±4 1/2" (TOTAL THICKNESS)
- (B) EXIST. PCC BASE COURSE, ±6"
- (C) EXIST. HMA BASE COURSE WIDENING, ±11 1/2"
- (D) EXIST. HMA SHOULDERS, ±8"
- (E) EXIST. AGGREGATE BASE COURSE, ±12"
- (F) EXIST. AGGREGATE SHOULDER
- (G) EXIST. STEEL PLATE BEAM GUARDRAIL

NOTES

1. EXISTING PAVEMENT SECTION INFORMATION OBTAINED FROM RECORD DRAWINGS. CONTRACTOR SHALL VERIFY CONDITIONS IN THE FIELD PRIOR TO CONSTRUCTION.

MODEL: Typical Section [Sheet]
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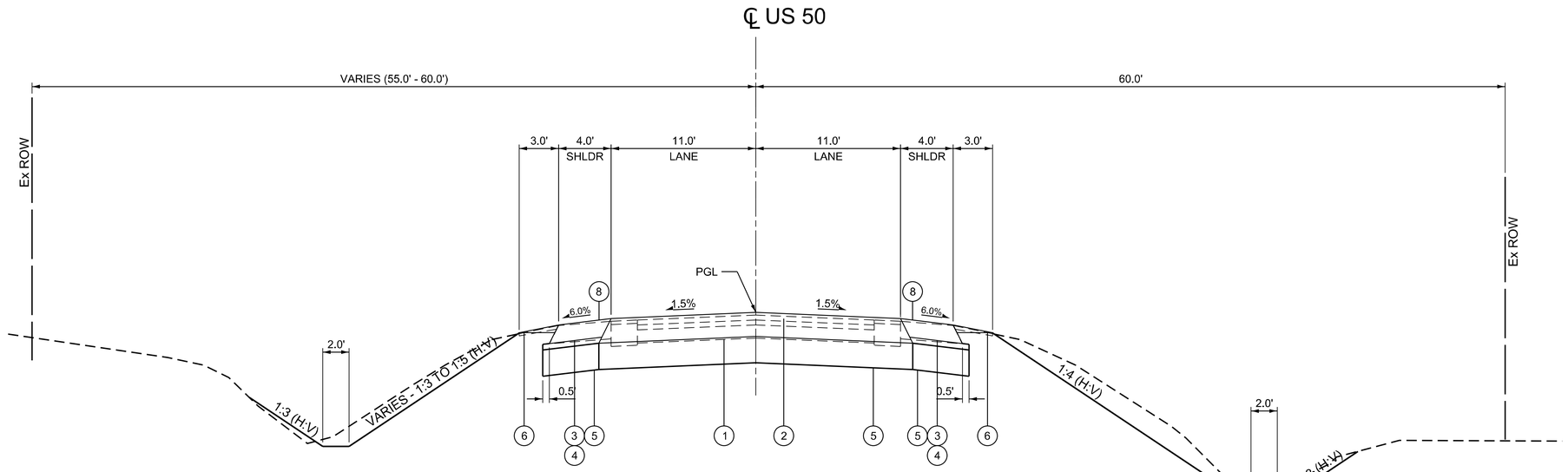
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PLOT DATE = 7/31/2026	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

US 50 OVER TRIB. TO TURKEY CREEK
EXISTING TYPICAL SECTIONS

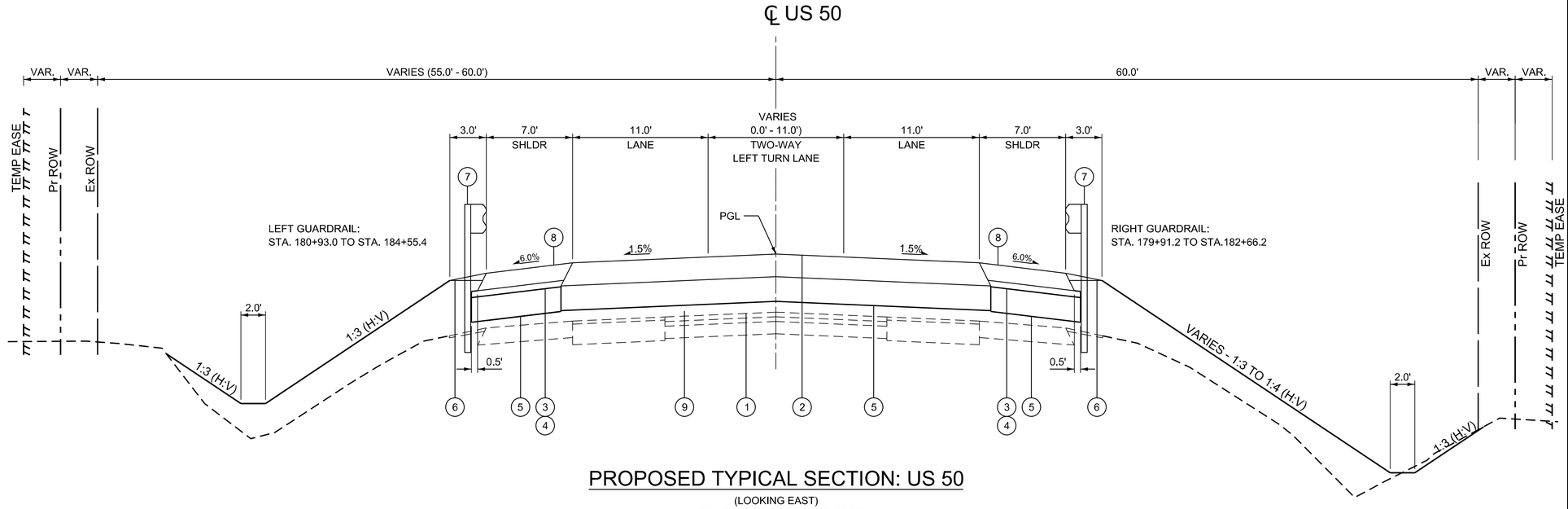
SCALE: | SHEET 1 OF 2 SHEETS | STA. | TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
327A	17CR-1	MARION	51	8
		CONTRACT NO. 76M46		
	ILLINOIS	FED. AID PROJECT		



PROPOSED TYPICAL SECTION: US 50

(LOOKING EAST)
STA. 176+53.30 TO STA. 179+10.30



PROPOSED TYPICAL SECTION: US 50

(LOOKING EAST)
STA. 179+10.30 TO STA. 187+68.30

PROPOSED LEGEND

1. EXIST. PAVEMENT SECTION
2. HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 11"
3. HOT-MIX ASPHALT SHOULDERS, 8"
4. SUBBASE GRANULAR MATERIAL, TYPE C
5. SUBBASE GRANULAR MATERIAL, TYPE A 12"
6. AGGREGATE WEDGE SHOULDER, TYPE B
7. STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS
8. SHOULDER RUMBLE STRIPS, 8"
9. EMBANKMENT

MODEL: PR Typical Section [Sheet]
FILE NAME: \\sprit-nasnip01.kleinfelder.com\SPRShare\0500\0528-IL DOT District 8\00526-0004-0002_US 50_TSL Marion Co\CADD\ Sheets\D876M46-sht-typical.dgn

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

US 50 OVER TRIB. TO TURKEY CREEK
PROPOSED TYPICAL SECTIONS

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

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
327A	17CR-1	MARION	51	9
		CONTRACT NO. 76M46		
		ILLINOIS	FED. AID PROJECT	

EARTHWORK SCHEDULE

LOCATION			EARTH EXCATION	SHRINKAGE FACTOR	EXCAVATION (ADJUSTED FOR SHRINKAGE)	EMBANKMENT	WASTE (+) OR SHORTAGE (-)
STATION	-	STATION	CU YD		CU YD	CU YD	CU YD
US 50							
176+50.0	-	176+53.3	2.9	25%	2.2	0.0	2.2
176+53.3	-	177+00.0	80.4	25%	60.3	0.0	60.3
177+00.0	-	177+50.0	82.4	25%	61.8	1.0	60.8
177+50.0	-	178+00.0	87.8	25%	65.9	11.2	54.7
178+00.0	-	178+50.0	75.5	25%	56.6	33.0	23.6
178+50.0	-	179+00.0	58.7	25%	44.0	79.0	-35.0
179+00.0	-	179+50.0	85.7	25%	64.3	153.1	-88.8
179+50.0	-	180+00.0	83.1	25%	62.3	204.3	-142.0
180+00.0	-	180+14.5	14.5	25%	10.9	65.3	-54.4
180+14.5	-	180+50.0	52.9	25%	39.7	220.6	-180.9
180+50.0	-	181+00.0	125.7	25%	94.3	418.7	-324.4
181+00.0	-	181+50.0	111.4	25%	83.6	485.6	-402.1
181+50.0	-	182+00.0	73.4	25%	55.1	600.6	-545.6
182+00.0	-	182+50.0	109.9	25%	82.4	657.9	-575.5
182+50.0	-	183+00.0	128.3	25%	96.2	534.7	-438.5
183+00.0	-	183+36.1	56.1	25%	42.1	260.6	-218.5
183+36.1	-	183+50.0	13.9	25%	10.4	78.2	-67.8
183+50.0	-	184+00.0	80.6	25%	60.5	312.1	-251.7
184+00.0	-	184+50.0	88.1	25%	66.1	321.4	-255.3
184+50.0	-	185+00.0	51.1	25%	38.3	261.0	-222.7
185+00.0	-	185+50.0	41.5	25%	31.1	175.3	-144.2
185+50.0	-	186+00.0	40.4	25%	30.3	77.6	-47.3
186+00.0	-	186+08.1	6.3	25%	4.7	4.5	0.2
186+08.1	-	186+41.4	43.3	25%	32.5	9.0	23.5
186+41.4	-	186+50.0	12.5	25%	9.4	0.3	9.1
186+50.0	-	186+63.1	14.6	25%	11.0	0.2	10.8
186+63.1	-	187+00.0	67.8	25%	50.9	3.1	47.8
187+00.0	-	187+50.0	116.0	25%	87.0	5.8	81.2
187+50.0	-	187+68.3	19.2	25%	14.4	0.9	13.5
187+68.3	-	188+00.0	0.0	25%	0.0	0.0	0.0
		SUBTOTAL =	1825		1370	4975	-3605
EARTH EXCAVATION QUANTITY =							**1825**
FURNISHED EXCAVATION QUANTITY =							**3605**

TREE REMOVAL SCHEDULE

LOCATION					TREE REMOVAL, ACRES
STATION	WIDTH (FT)	-	STATION	WIDTH (FT)	ACRE
US 50 - LEFT (SOUTH) SIDE					
180+29.7	VARIES	-	182+70.0	VARIES	0.05
US 50 - RIGHT (NORTH) SIDE					
180+43.8	VARIES	-	181+69.1	VARIES	0.02
181+73.3	VARIES	-	182+31.7	VARIES	0.03
				SUBTOTAL =	0.10
				PLAN QUANTITY =	**0.25**

TEMPORARY DITCH CHECK SCHEDULE

LOCATION		TEMPORARY DITCH CHECKS
STATION	OFFSET (FT)	FOOT
US 50 - LEFT (SOUTH) SIDE		
179+25.0	38.0 LT	10
181+75.0	55.0 LT	10
183+90.0	50.0 LT	10
184+90.0	47.0 LT	10
185+90.0	42.0 LT	10
US 50 - RIGHT (NORTH) SIDE		
177+55.0	35.0 RT	10
178+55.0	38.5 RT	10
179+55.0	38.5 RT	10
180+55.0	45.0 RT	10
182+65.0	55.0 RT	10
183+65.0	50.0 RT	10
184+65.0	47.0 RT	10
185+65.0	38.0 RT	10
	SUBTOTAL =	130
	PLAN QUANTITY =	**130**

TEMPORARY EROSION CONTROL SCHEDULE

LOCATION					TEMPORARY EROSION CONTROL SEEDING	PERIMETER EROSION BARRIER
STATION	WIDTH (FT)	-	STATION	WIDTH (FT)	POUND	FOOT
US 50 - LEFT (SOUTH) SIDE						
176+53.3	VARIES	-	180+09.7	VARIES	110	360
180+21.7	VARIES	-	182+53.7	VARIES	82	232
186+12.7	VARIES	-	186+33.1	VARIES	94	322
186+61.0	VARIES	-	187+68.3	VARIES	15	109
US 50 - RIGHT (NORTH) SIDE						
176+53.3	VARIES	-	181+40.8	VARIES	148	488
181+89.7	VARIES	-	183+28.0	VARIES	56	141
183+42.3	VARIES	-	185+98.1	VARIES	70	259
186+18.1	VARIES	-	186+57.5	VARIES	8	41
186+71.8	VARIES	-	187+68.3	VARIES	10	116
				SUBTOTAL =	591	2068
				PLAN QUANTITY =	**600**	**2068**

PERMANENT SEEDING SCHEDULE

LOCATION					SEEDING, CLASS 2A	NITROGEN FERTILIZER NUTIRENT	PHOSPHORUS FERTILIZER NUTIRENT	POTASSIUM FERTILIZER NUTIRENT	MULCH, METHOD 2
STATION	WIDTH (FT)	-	STATION	WIDTH (FT)	ACRE	POUND	POUND	POUND	ACRE
US 50 - LEFT (SOUTH) SIDE									
176+53.3	VARIES	-	180+09.7	VARIES	0.28	25	25	25	0.28
180+21.7	VARIES	-	182+53.7	VARIES	0.21	18	18	18	0.21
186+12.7	VARIES	-	186+33.1	VARIES	0.23	21	21	21	0.23
186+61.0	VARIES	-	187+68.3	VARIES	0.04	3	3	3	0.04
US 50 - RIGHT (NORTH) SIDE									
176+53.3	VARIES	-	181+40.8	VARIES	0.37	33	33	33	0.37
181+89.7	VARIES	-	183+28.0	VARIES	0.14	13	13	13	0.14
183+42.3	VARIES	-	185+98.1	VARIES	0.18	16	16	16	0.18
186+18.1	VARIES	-	186+57.5	VARIES	0.02	2	2	2	0.02
186+71.8	VARIES	-	187+68.3	VARIES	0.03	2	2	2	0.03
				SUBTOTAL =	1.48	133	133	133	1.48
				PLAN QUANTITY =	**1.50**	**135**	**135**	**135**	**1.50**

STONE RIPRAP SCHEDULE

LOCATION					STONE RIPRP, CLASS A4	FILTER FABRIC
STATION	WIDTH (FEET)	-	STATION	WIDTH (FEET)	SQ YD	SQ YD
US 50 - LEFT (SOUTH) SIDE						
DOWNSTREAM END OF CULVERT						
182+32.1	15.0	-	182+90.2	15.0	157.4	157.4
US 50 - RIGHT (NORTH) SIDE						
UPSTREAM END OF CULVERT						
181+56.4	15.0	-	182+14.5	15.0	157.4	157.4
				SUBTOTAL =	314.8	314.8
				PLAN QUANTITY =	**315**	**315**

MODEL: Summary of Quantities [Sheet]
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

US 50 OVER TRIBUTARY TO TURKEY CREEK
SCHEDULE OF QUANTITIES

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

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
327A	17CR-1	MARION	51	10
		CONTRACT NO. 76M46		
	ILLINOIS	FED. AID PROJECT		

PAVEMENT AND SHOULDER REMOVAL SCHEDULE

LOCATION					PAVEMENT REMOVAL	PAVED SHOULDER REMOVAL	PAVEMENT BREAKING
STATION	WIDTH (FEET)		STATION	WIDTH (FEET)	SQ YD	SQ YD	SQ YD
US 50							
176+53.3	22.0	-	179+25.5	22.3	670.0		
179+25.5	38.0	-	180+00.0	40.8			326.2
180+00.0	40.8	-	181+00.0	44.4			473.4
181+00.0	44.4	-	181+84.5	44.4			416.9
181+84.8	32.6	-	182+61.5	33.1	280.0		
182+61.5	43.9	-	183+00.0	48.0			196.6
183+00.0	48.0	-	184+00.0	48.0			533.4
184+00.0	48.0	-	185+10.5	48.0			589.4
185+10.5	33.2	-	187+68.3	33.2	951.0		
US 50 - LEFT (SOUTH) SIDE							
176+53.3	4.0	-	179+11.4	4.0		115.3	
179+11.4	7.2	-	179+25.5	7.2		11.3	
181+84.8	7.2	-	182+08.0	5.1		15.9	
182+08.0	4.0	-	182+61.5	4.0		23.8	
185+10.5	7.4	-	187+68.3	7.3		210.6	
US 50 - RIGHT (NORTH) SIDE							
176+53.3	4.2	-	179+11.8	4.3		122.1	
179+11.8	8.0	-	179+25.5	7.0		11.4	
181+84.8	4.8	-	182+38.2	4.6		27.8	
182+38.2	5.3	-	182+61.5	6.7		15.6	
185+10.5	7.3	-	187+68.3	7.5		212.0	
				SUBTOTALS =	1901.0	765.8	2535.9
				PLAN QUANTITY =	**1901**	**766**	**2536**

GUARDRAIL REMOVAL SCHEDULE

LOCATION					GUARDRAIL REMOVAL
STATION	OFFSET		STATION	OFFSET	FOOT
US 50 - LEFT (SOUTH) SIDE					
180+39.4	22.4 LT	-	182+08.1	21.8 LT	175
182+61.8	21.7 LT	-	185+09.2	25.1 LT	250
US 50 - RIGHT (NORTH) SIDE					
179+41.2	21.1 RT	-	181+85.1	21.8 RT	250
182+25.9	21.9 RT	-	183+10.4	23.8 RT	88
				SUBTOTAL =	763
				PLAN QUANTITY =	**763**

FENCE REMOVAL

LOCATION					FENCE REMOVAL
STATION	OFFSET		STATION	OFFSET	FOOT
US 50 - LEFT (SOUTH) SIDE					
180+31.4	60.2 LT	-	181+67.1	61.7 LT	136
181+67.1	61.7 LT	-	182+24.9	59.8 LT	58
182+24.9	59.8 LT	-	182+42.0	71.4 LT	21
US 50 - RIGHT (NORTH) SIDE					
180+00.0	60.0 RT	-	180+91.2	60.0 RT	92
180+91.2	60.0 RT	-	181+66.2	57.5 RT	75
				SUBTOTAL =	381
				PLAN QUANTITY =	**381**

DRAINAGE REMOVAL SCHEDULE

LOCATION					PIPE CULVERT REMOVAL	NOTES
STATION	OFFSET		STATION	OFFSET	FOOT	
US 50						
180+00.7	34.1 LT	-	180+28.4	34.5 LT	28	20" x 24" ELLIP. CMP
183+12.5	40.3 RT	-	183+62.7	40.2 RT	50	24" CMP
185+90.2	31.2 RT	-	186+38.6	30.6 RT	48	18" CMP
186+40.2	30.7 RT	-	186+88.6	29.9 RT	48	18" CMP
186+22.4	36.9 LT	-	186+59.6	36.8 LT	37	18" CMP
				SUBTOTAL =	212	
				PLAN QUANTITY =	**212**	

INLETS TO BE ADJUSTED (SPECIAL)

LOCATION					INLETS TO BE ADJUSTED (SPECIAL)
STATION	OFFSET		STATION	OFFSET	EACH
US 50					
186+39.3	30.7 RT				1
				SUBTOTAL =	1
				PLAN QUANTITY =	**1**

DRIVEWAY & ENTRANCES SCHEDULE

LOCATION				ENTRANCE TYPE	ENTRANCE MATERIAL	DRIVEWAY WIDTH (AT END POINT)	DRIVEWAY LENGTH (ALONG CENTERLINE)	DRIVEWAY PAVEMENT REMOVAL	AGGREGATE BASE COURSE, TYPE B 6"	AGGREGATE SURFACE COURSE, TYPE A 6"	AGGREGATE FOR TEMPORARY ACCESS	INCIDENTAL HMA SURFACING
STATION	-	STATION	OFFSET			FOOT	FOOT	SQ YD	SQ YD	SQ YD	TON	TON
US 50 - LEFT (SOUTH) SIDE												
180+09.7	-	180+21.7	LT	FE	HMA	12.0	42.0	65.8	75.2		20.0	14.8
186+25.4	-	186+57.4	LT	FE	AGG	32.0	19.0			72.3	20.0	
US 50 - RIGHT (NORTH) SIDE												
183+27.9	-	183+41.9	RT	PE	HMA	14.0	36.5	82.6	96.8		20.0	19.0
185+98.1	-	186+18.1	RT	PE	HMA	20.0	21.0	63.5	51.4		20.0	10.1
186+56.7	-	186+70.7	RT	PE	AGG	14.0	13.0			25.0	20.0	
								211.9	223.5	97.3	100.0	43.9
								212	**224**	**98**	**100**	**44**

MODEL: Summary of Quantities-1 [Sheet]
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

US 50 OVER TRIBUTARY TO TURKEY CREEK
SCHEDULE OF QUANTITIES

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

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
327A	17CR-1	MARION	51	11
		CONTRACT NO. 76M46		
	ILLINOIS	FED. AID PROJECT		

PAVEMENT AND SHOULDER SCHEDULE

LOCATION					SUBBASE GRANULAR MATERIAL, TYPE A 12"	SUBBASE GRANULAR MATERIAL, TYPE C	BITUMINOUS MATERIALS (PRIME COAT)	BITUMINOUS MATERIALS (TACK COAT)	LONGITUDINAL JOINT SEALANT	HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 11"	AGGREGATE WEDGE SHOULDER, TYPE B	HOT-MIX ASPHALT SHOULDERS, 8"
STATION	WIDTH (FEET)		STATION	WIDTH (FEET)	SQ YD	TON	POUND	POUND	FOOT	SQ YD	TON	SQ YD
US 50												
176+53.3	22.0	-	179+10.3	22.0	628.3		1413.5	282.7	257.0	628.3		
179+10.3	22.0	-	181+85.3	33.0	840.3		1890.7	378.2	275.0	840.3		
181+85.3	33.0	-	187+68.3	33.0	2137.7		4809.8	962.0	583.0	2137.7		
US 50 - LEFT (SOUTH) SIDE												
176+53.3	4.0	-	179+10.3	4.0	142.8	20.0	257.0	51.4			14.8	114.3
179+10.3	7.0	-	181+85.3	7.0	244.5	37.5	481.3	96.4			15.7	213.9
181+85.3	7.0	-	187+68.3	7.0	518.3	79.4	1020.3	204.2			33.2	453.5
US 50 - RIGHT (NORTH) SIDE												
176+53.3	4.0	-	179+10.3	4.0	142.8	20.0	257.0	51.4			14.8	114.3
179+10.3	7.0	-	181+85.3	7.0	244.5	37.5	481.3	96.4			15.7	213.9
181+85.3	7.0	-	187+68.3	7.0	518.3	79.4	1020.3	204.2			33.2	453.5
				SUBTOTAL =	5417.5	273.8	11631.2	2326.9	1115.0	3606.3	127.4	1563.4
				PLAN QUANTITY =	**5418**	**274**	**11632**	**2327**	**1115**	**3607**	**128**	**1564**

GUARDRAIL SCHEDULE

LOCATION					STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS	STRONG POST GUARDRAIL ATTACHED TO CULVERT	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	TERMINAL MARKER - DIRECT APPLIED	GUARDRAIL REFLECTORS, TYPE A
STATION	OFFSET		STATION	OFFSET	FOOT	FOOT	EACH	EACH	EACH
US 50 - LEFT (SOUTH) SIDE									
180+98.9	21.8 LT	-	182+23.9	23.5 LT	125.0		1	1	
182+23.9	23.5 LT	-	182+64.5	23.5 LT		41			4
182+64.5	23.5 LT	-	184+52.0	23.5 LT	187.5		1	1	
US 50 - RIGHT (NORTH) SIDE									
179+93.7	19.7 RT	-	181+81.2	23.4 RT	187.5		1	1	
181+81.2	23.4 RT	-	182+21.8	23.5 RT		41			4
182+21.8	23.5 RT	-	182+59.3	23.5 RT	37.5		1	1	
				SUBTOTAL =	537.5	82	4	4	8
				PLAN QUANTITY =	**537.5**	**82**	**4**	**4**	**8**

DRAINAGE SCHEDULE

LOCATION					PRECAST REINFORCED CONCRETE FLARED END SECTIONS 18"	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 24"	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 30"	PIPE CULVERTS, CLASS A, TYPE 1 18"	PIPE CULVERTS, CLASS A, TYPE 1 24"	PIPE CULVERTS, CLASS A, TYPE 1 30"	TRENCH BACKFILL	NOTES
STATION	OFFSET		STATION	OFFSET	EACH	EACH	EACH	FOOT	FOOT	FOOT	CU YD	
US 50												
179+92.1	47.4 LT					1						
179+92.1	47.4 LT	-	180+41.3	45.0 LT					38		10.1	CULVERT 1
180+41.3	45.0 LT					1						
183+04.4	52.3 RT						1					
183+04.4	52.3 RT	-	183+67.1	50.4 RT						52	14.2	CULVERT 2
183+67.1	50.4 RT						1					
185+89.0	37.1 RT				1							
185+89.0	37.1 RT	-	186+25.4	35.8 RT				25			2.3	CULVERT 3
186+25.4	35.8 RT				1							
186+14.0	40.8 LT				1							
186+14.0	40.8 LT	-	186+65.2	38.2 LT				40			5.3	CULVERT 4
186+65.2	38.2 LT				1							
186+47.2	35.1 RT				1							
186+47.2	35.1 RT	-	186+77.6	34.4 RT				19			2.5	CULVERT 5
186+77.6	34.4 RT				1							
				SUBTOTALS =	6	2	2	84	38	52	34.4	
				PLAN QUANTITY =	**6**	**2**	**2**	**84**	**38**	**52**	**35**	

PAVEMENT MARKING SCHEDULE

LOCATION					SHOULDER RUMBLE STRIPS, 8 INCH	SHORT TERM PAVEMENT MARKING	SHORT TERM PAVEMENT MARKING REMOVAL	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	THERMOPLASTIC PAVEMENT MARKING - LINE 4"			THERMOPLASTIC PAVEMENT MARKING - LINE 12"	RAISED REFLECTIVE PAVEMENT MARKER	
									EDGE LINE (WHITE)	SOLID LINE (YELLOW)	10' DASH - 30' SKIP (YELLOW)		ONE-WAY AMBER	TWO -WAY AMBER
STATION	OFFSET		STATION	OFFSET	FOOT	FOOT	SQ FT	SQ FT	FOOT	FOOT	FOOT	FOOT	EACH	EACH
US 50 - LEFT (SOUTH) SIDE														
176+53.3	12.0 LT	-	179+10.3	12.0 LT	257.0	8.0	2.7		257.0					
179+10.3	12.0 LT	-	181+85.3	17.5 LT	275.1	8.0	2.7		275.1					
181+85.3	17.5 LT	-	187+68.3	17.5 LT	583.0	12.0	4.0		583.0					
US 50 - RIGHT (NORTH) SIDE														
176+53.3	12.0 RT	-	179+10.3	12.0 RT	257.0	8.0	2.7		257.0					
179+10.3	12.0 RT	-	181+85.3	17.5 RT	275.1	8.0	2.7		275.1					
181+85.3	17.5 RT	-	187+68.3	17.5 RT	583.0	12.0	4.0		583.0					
US 50 - DOUBLE CENTERLINE														
176+53.3	0.5 LT	-	179+10.3	0.5 LT		52.0	17.3			257.0				4
176+53.3	0.5 RT	-	179+10.3	0.5 RT						257.0				
US 50 - TWO-WAY LEFT TURN MARKING														
TAPER - DOUBLE LINES														
179+10.3	0.5 LT	-	181+85.3	5.5 LT		56.0	18.7			275.0			7	
179+10.3	0.0 RT	-	181+85.3	4.5 LT						275.0				
179+10.3	0.0 RT	-	181+85.3	4.5 LT						275.0			7	
179+10.3	0.5 RT	-	181+85.3	5.5 RT		56.0	18.7			275.0				
181+85.3	5.5 LT	-	187+68.3	5.5 LT		117.0	39.0			583.0				15
181+85.3	5.0 LT	-	187+68.3	5.0 LT							145.8			
181+85.3	5.0 RT	-	187+68.3	5.0 RT							145.8			15
181+85.3	5.5 RT	-	187+68.3	5.5 RT		117.0	39.0			583.0				
TWO-WAY LEFT TURN LANE ARROWS														
183+25.0	0.0 RT							15.6						
183+41.0	0.0 RT							15.6						
185+25.0	0.0 RT							15.6						
185+41.0	0.0 RT							15.6						
187+25.0	0.0 RT							15.6						
187+41.0	0.0 RT							15.6						
DIAGONALS AT 25' CENTERS														
179+80.0	0.0 RT	-	181+80.0	0.0 RT								78.0		
				SUBTOTALS =	2230.2	454.0	151.3	93.6	2230.2	2780.0	291.5	78.0	14	34
				PLAN QUANTITY =	**2231**	**454**	**152**	**94**	**5302**			**78**	**48**	

FURNISHING AND ERECTING RIGHT OF WAY MARKERS

LOCATION			FURNISHING AND ERECTING RIGHT OF WAY MARKERS
STATION	OFFSET		EACH
US 50 - LEFT (SOUTH) SIDE			
175+75.0	54.6 LT		1
182+50.0	85.0 LT		1
185+00.0	60.0 LT		1
US 50 - RIGHT (NORTH) SIDE			
180+00.0	60.0 RT		1
182+25.0	85.0 RT		1
185+00.0	60.0 RT		1
		SUBTOTAL =	6
		PLAN QUANTITY =	**6**

MODEL: Summary of Quantities-3 [Sheet]
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VEENSTRA & KIMM INC.
A Kleinfelder Company

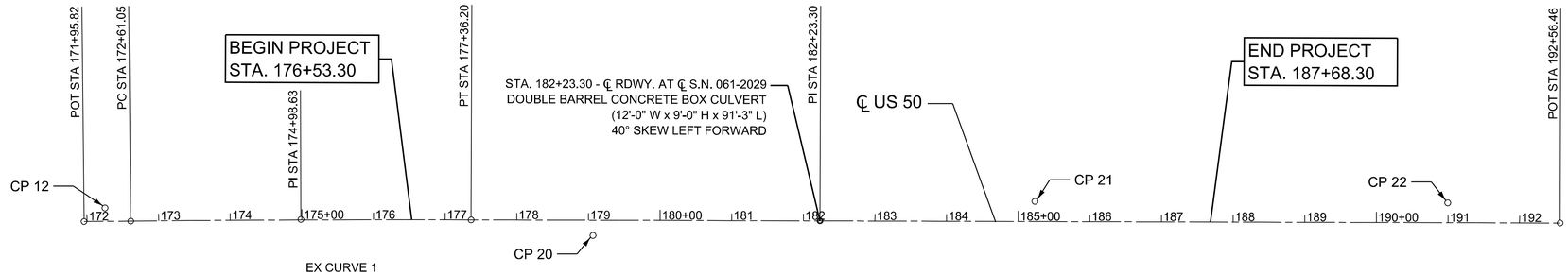
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PLOT DATE = 7/31/2026	DATE -	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

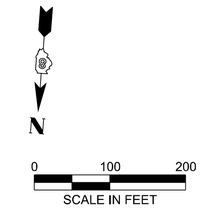
US 50 OVER TRIBUTARY TO TURKEY CREEK
SCHEDULE OF QUANTITIES

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

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
327A	17CR-1	MARION	51	13
		CONTRACT NO. 76M46		
	ILLINOIS	FED. AID PROJECT		



EX CURVE 1
PI STA = 174+98.63
Δ = 00°44'18" (RT)
D = 00°09'19"
R = 36,867.78'
T = 237.58'
L = 475.16'
E = 0.77'
e = N/A
PC STA = 172+61.05
PT STA = 177+36.20



ALIGNMENT COORDINATES - US 50

US 50	STATION	NORTHING	EASTING	DESCRIPTION
POB	171+95.82	54,413.1800	41,089.3390	POINT OF BEGINNING
PC	172+61.05	54,407.2885	40,024.3790	EX CURVE 1
PI	174+98.63	54,385.8292	40,787.7689	EX CURVE 1
PT	177+36.20	54,367.4211	40,550.9019	EX CURVE 1
POT	192+56.46	54,249.6291	39,035.2100	

PROJECT CONTROL POINTS

POINT NUMBER	NORTHING	EASTING	DESCRIPTION
12	54,391.1318	41,057.3378	IRON PIN W/ ALUMINUM CAP
20	54,375.3123	40,379.5372	IRON PIN W/ ALUMINUM CAP
21	54,278.3138	39,768.3407	IRON PIN W/ ALUMINUM CAP
22	54,234.0996	39,193.7588	IRON PIN W/ ALUMINUM CAP
23	54,157.3394	38,178.8612	IRON PIN W/ ALUMINUM CAP
24	54,162.0694	37,649.7408	IRON PIN W/ ALUMINUM CAP

NOTE: ALL IRON PINS ARE 1/2" DIA. x 30" LONG.

BENCHMARK BM 251

ELEV. = 530.207'

CHISELED "□" ON THE FLAT TOP OF THE NORTHEAST WINGWALL OF STRUCTURE SN 061-2008.

BENCHMARK BM 252

ELEV. = 542.685'

RR SPIKE ON THE SOUTH SIDE OF A POWER POLE IN THE NW QUAD OF THE INTERSECTION US 50 & HOOTS CHAPEL ROAD

BENCHMARK BM 253

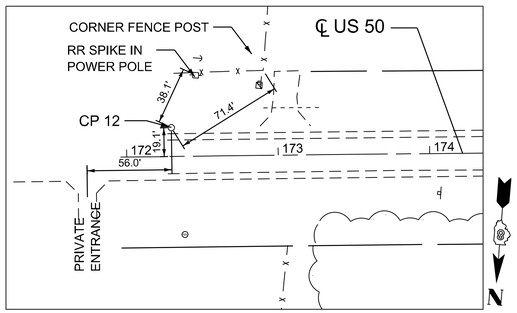
ELEV. = 539.496'

RR SPIKE ON THE SOUTH SIDE OF US 50 IN THE NORTH SIDE OF A POWER POLE WITH TRANSFORMER, 2ND POWER POLE WEST OF THE ENTRANCE TO RP LUMBER, 45' EAST OF THE NE FENCE CORNER OF RP LUMBER PROPERTY.

BENCHMARK BM 254

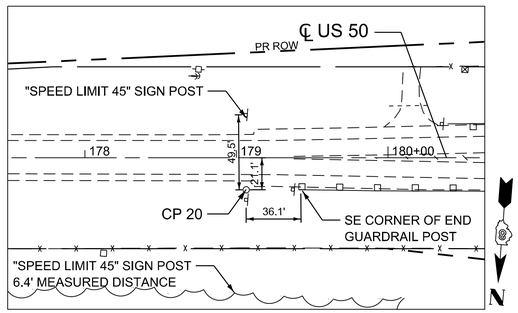
ELEV. = 535.803'

SET RR SPIKE IN THE NORTH SIDE OF A POWER POLE IN THE SE QUAD OF THE INTERSECTION OF US 50/E. POPLAR ST. & WEST LINE RD. (600E).



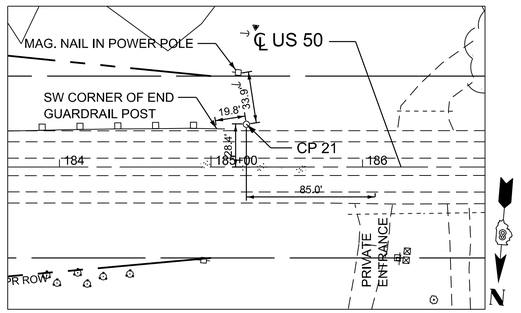
CONTROL POINT 12

STA. 172+29.68
OFF. 19.068' LT
ELEV. 537.735



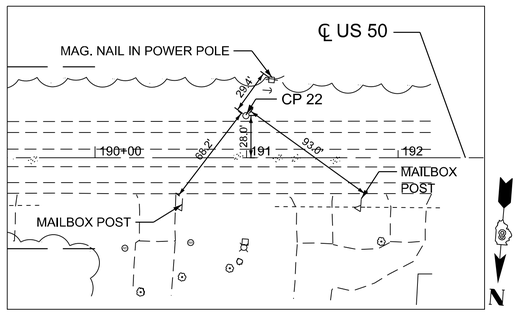
CONTROL POINT 20

STA. 179+06.44
OFF. 21.145' RT
ELEV. 532.030



CONTROL POINT 21

STA. 185+23.32
OFF. 28.205' LT
ELEV. 529.219



CONTROL POINT 22

STA. 190+99.60
OFF. 27.767' LT
ELEV. 534.856

MODEL: - ExCL - ATB [Sheet]
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VEENSTRA & KIMM INC.
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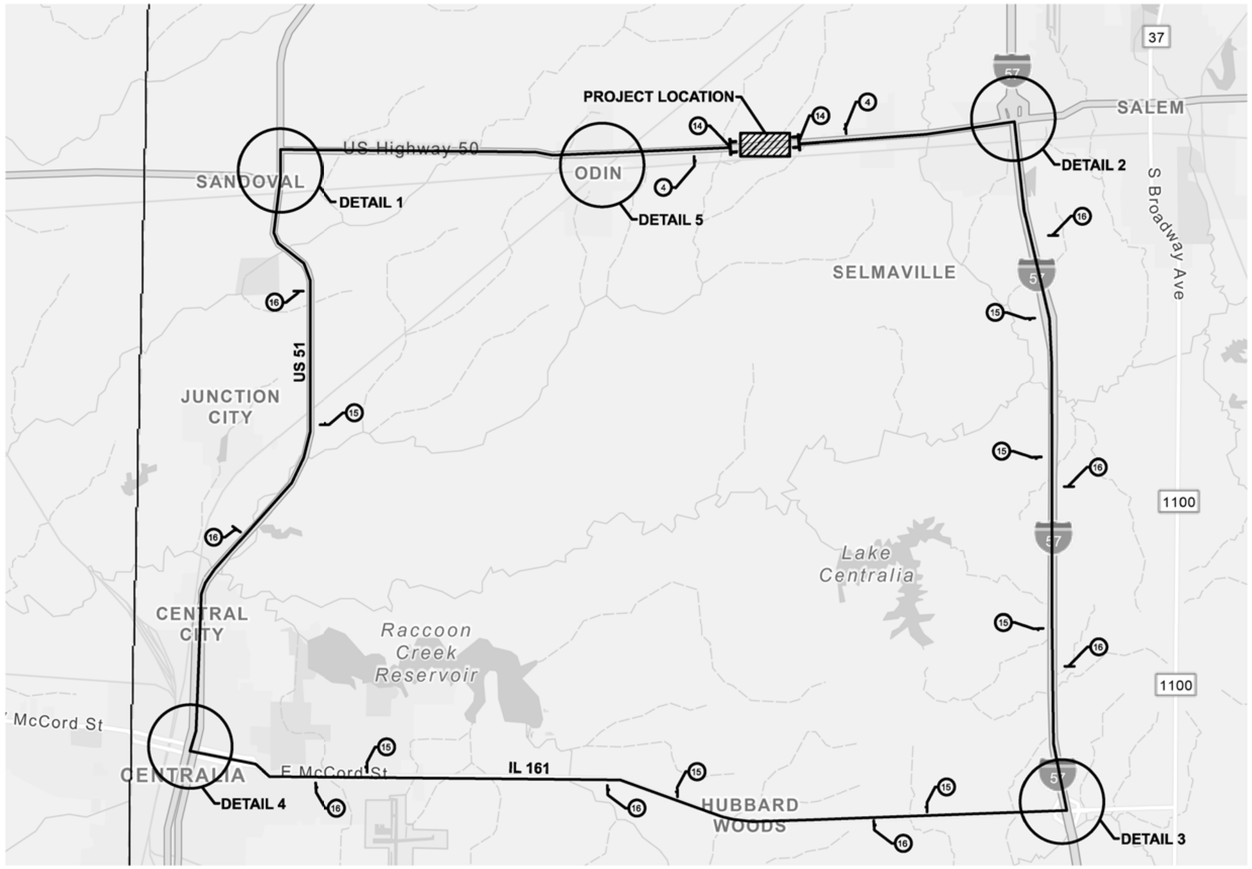
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

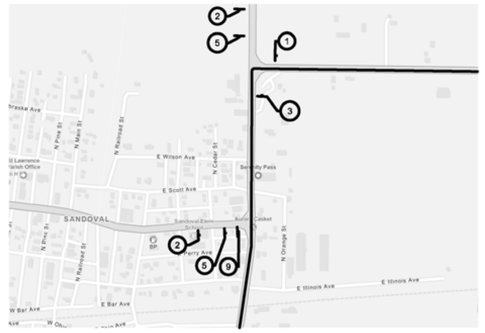
US 50 OVER TRIBUTARY TO TURKEY CREEK
ALIGNMENT, TIES, AND BENCHMARKS

SCALE: 1"=100' | SHEET 1 OF 1 SHEETS | STA. 168+25.00 TO STA. 198+25.00

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
327A	17CR-1	MARION	51	14
		CONTRACT NO. 76M46		
	ILLINOIS	FED. AID PROJECT		



DETOUR OVERVIEW MAP



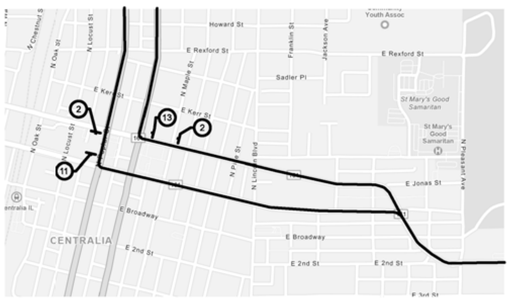
DETAIL 1



DETAIL 2



DETAIL 3



DETAIL 4



DETAIL 5

N

1	ROAD CLOSED AHEAD	W20-3(O)-4848	
2	DETOUR AHEAD	W20-2(O)-4848	
3	ROAD CLOSED AHEAD	W20-3(O)-4848	M6-1R(O)-3021
4	ROAD CLOSED 500 FT	W20-3(O)-4848	
5	ROAD CLOSED AHEAD	W20-3(O)-4848	M6-1L(O)-3021
6	ROAD CLOSED 2.6 MILES AHEAD LOCAL TRAFFIC ONLY	R11-3a-6030	
7	ROAD CLOSED 1.5 MILES AHEAD LOCAL TRAFFIC ONLY	R11-3a-6030	
8	END DETOUR	M4-8A(O)-2418	
9	DETOUR EAST US 50	M4-8(O)-2412 M3-2(O)-2412 CUSTOM-4824	M6-1R(O)-2115
10	DETOUR WEST US 50	M4-8(O)-2412 M3-2(O)-2412 CUSTOM-4824	M6-2(O)-2115
11	DETOUR EAST US 50	M4-8(O)-2412 M3-2(O)-2412 CUSTOM-4824	M6-1R(O)-2115
12	DETOUR WEST US 50	M4-8(O)-2412 M3-4(O)-2412 CUSTOM-4824	M6-1L(O)-2115
13	DETOUR WEST US 50	M4-8(O)-2412 M3-4(O)-2412 CUSTOM-4824	M6-1R(O)-2115
14	ROAD CLOSED	R11-2(O)-4830	
15	DETOUR WEST US 50	M4-8(O)-2412 M3-4(O)-2412 CUSTOM-4824	M6-3(O)-2115
16	DETOUR EAST US 50	M4-8(O)-2412 M3-2(O)-2412 CUSTOM-4824	M6-3(O)-2115

WORK AREA

BARRICADE

DETOUR SIGN

NOTES

A DETOUR ROUTE WILL BE USED TO MAINTAIN TRAFFIC DURING CONSTRUCTION. THE ROADWAY AT THE PROJECT LOCATION WILL BE CLOSED TO THROUGH TRAFFIC. LOCAL ACCESS IS TO BE MAINTAINED TO ALL ENTRANCES OUTSIDE OF THE IMPROVEMENT LIMITS.

SIGNS WILL BE PLACED 100' PRIOR TO INTERSECTION OR TO FIT FIELD CONDITIONS, UNLESS OTHERWISE NOTED OR DIRECTED BY THE ENGINEER.

REFER TO BLR-21 FOR THE TYPICAL APPLICATION OF TRAFFIC CONTROL DEVICES. APPLICATION OF BLR-21 SHALL BE PAID FOR AT THE CONTRACT PRICE FOR -TRAFFIC CONTROL AND PROTECTION, STANDARD BLR 21.

MODEL: DETOUR PLAN [Sheet]
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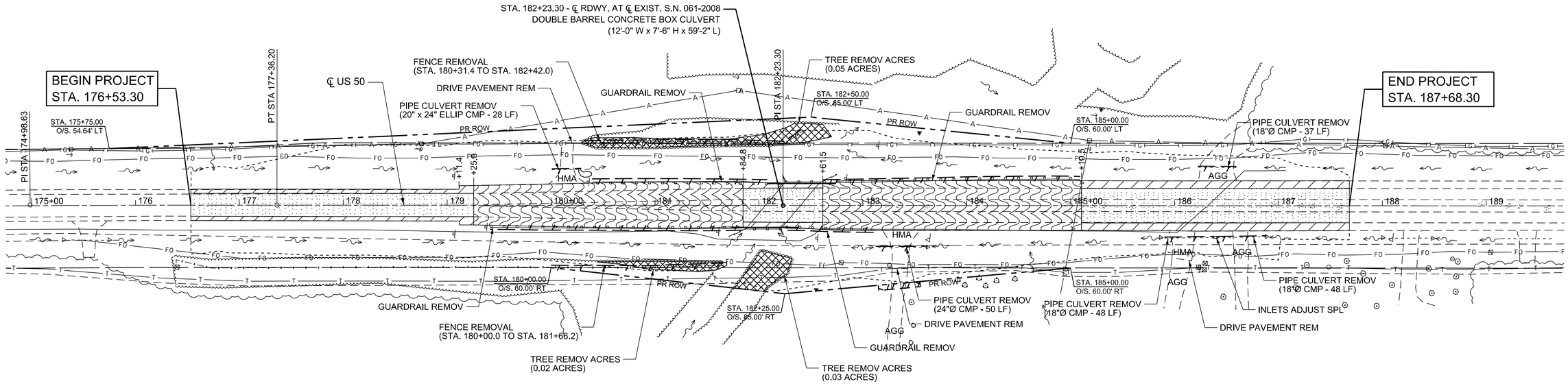
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PLOT DATE = 7/22/2026	DATE -	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

US 50 OVER TRIBUTARY TO TURKEY CREEK
ROAD CLOSURE / DETOUR PLAN

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

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
327A	17CR-1	MARION	51	15
		CONTRACT NO. 76M46		
		ILLINOIS	FED. AID PROJECT	

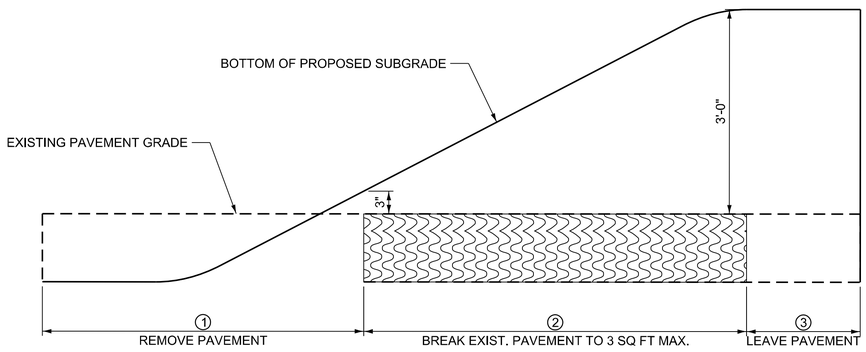


REMOVALS LEGEND

- PAVEMENT REMOVAL
- PAVED SHOULDER REMOVAL
- PAVEMENT BREAKING (LEAVE IN PLACE)
- TREE REMOVAL (ACRES)
- LIMITS OF CONSTRUCTION
- LINEAR REMOVAL ITEM (SEE PLAN FOR DETAILS)

REMOVAL NOTES:

1. THE REMOVAL OF EXISTING END SECTIONS AT DRIVEWAY CULVERTS WILL NOT BE PAID FOR SEPARATELY, BUT IS INCLUDED IN THE CONTRACT PRICE FOR "PIPE CULVERT REMOVAL"



PAVEMENT BREAKING DETAIL

(SEE SCHEDULE OF QUANTITIES)

0 50 100
SCALE IN FEET

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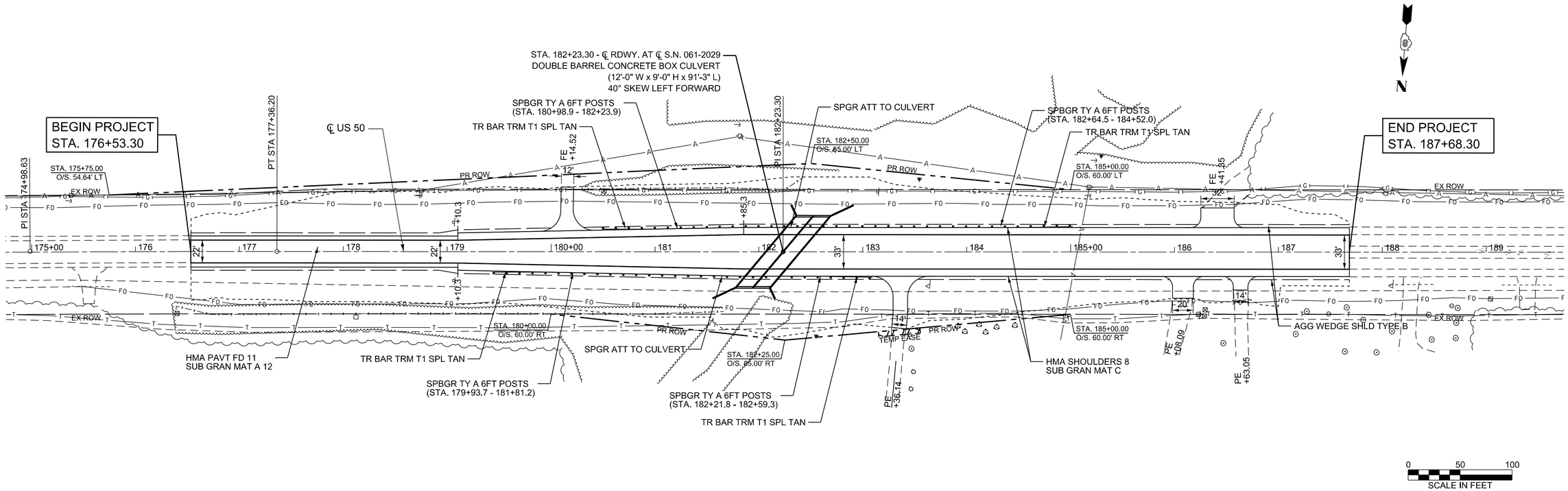
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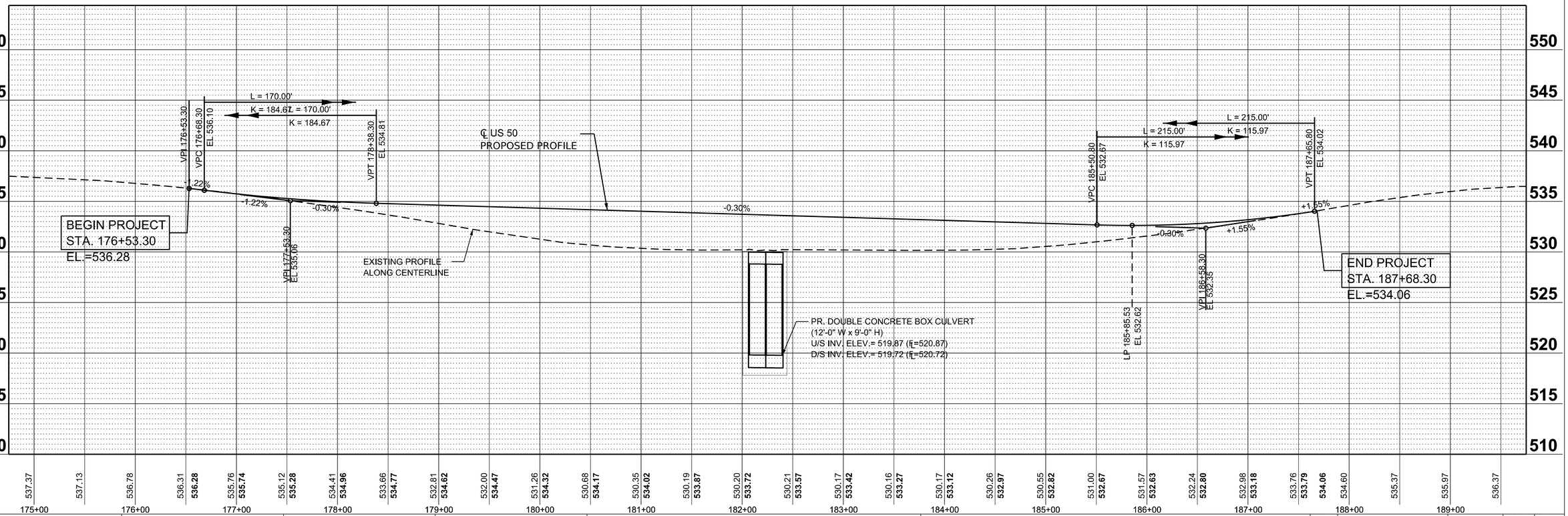
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

US 50 OVER TRIBUTARY TO TURKEY CREEK
REMOVAL PLAN

SCALE: 1"=50' | SHEET 1 OF 1 SHEETS | STA. 174+75.00 TO STA. 189+75.00

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
327A	17CR-1	MARION	51	16
		CONTRACT NO. 76M46		
	ILLINOIS	FED. AID PROJECT		





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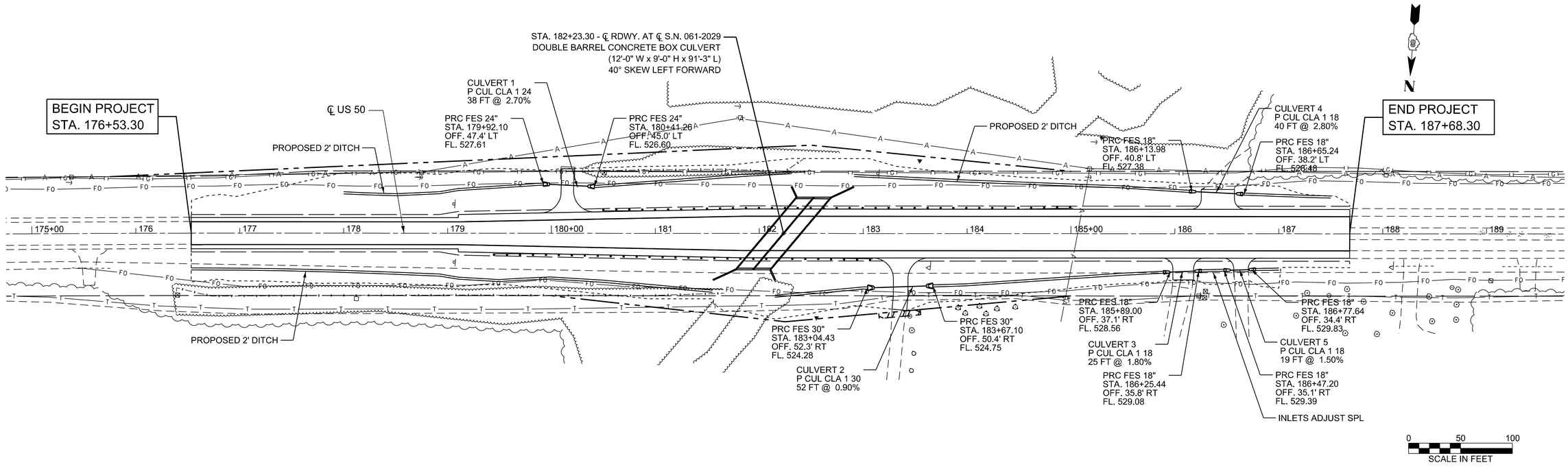
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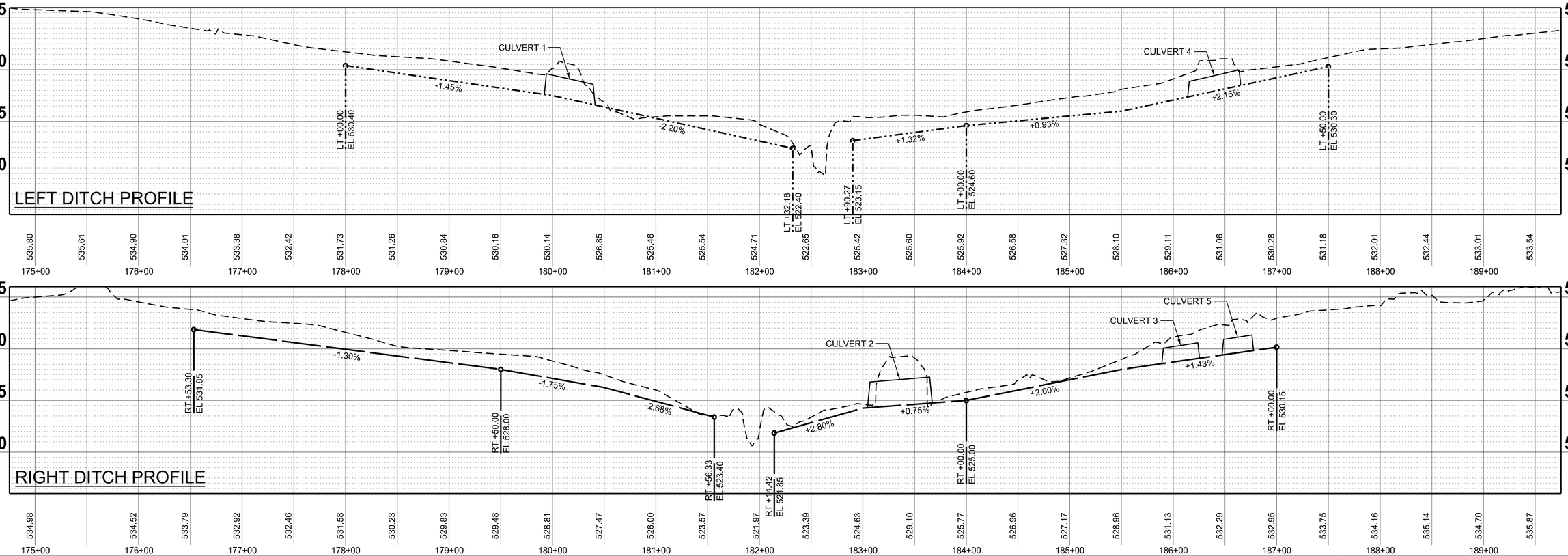
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

US 50 OVER TRIBUTARY TO TURKEY CREEK
PLAN AND PROFILE

SCALE: 1"=50' | SHEET 1 OF 1 SHEETS | STA. 174+75.00 | TO STA. 189+75.00

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
327A	17CR-1	MARION	51	17
		CONTRACT NO. 76M46		
		ILLINOIS	FED. AID PROJECT	





MODEL: ExCL - Plan [Sheet]
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VEENSTRA & KIMM INC.
A Kleinfelder Company

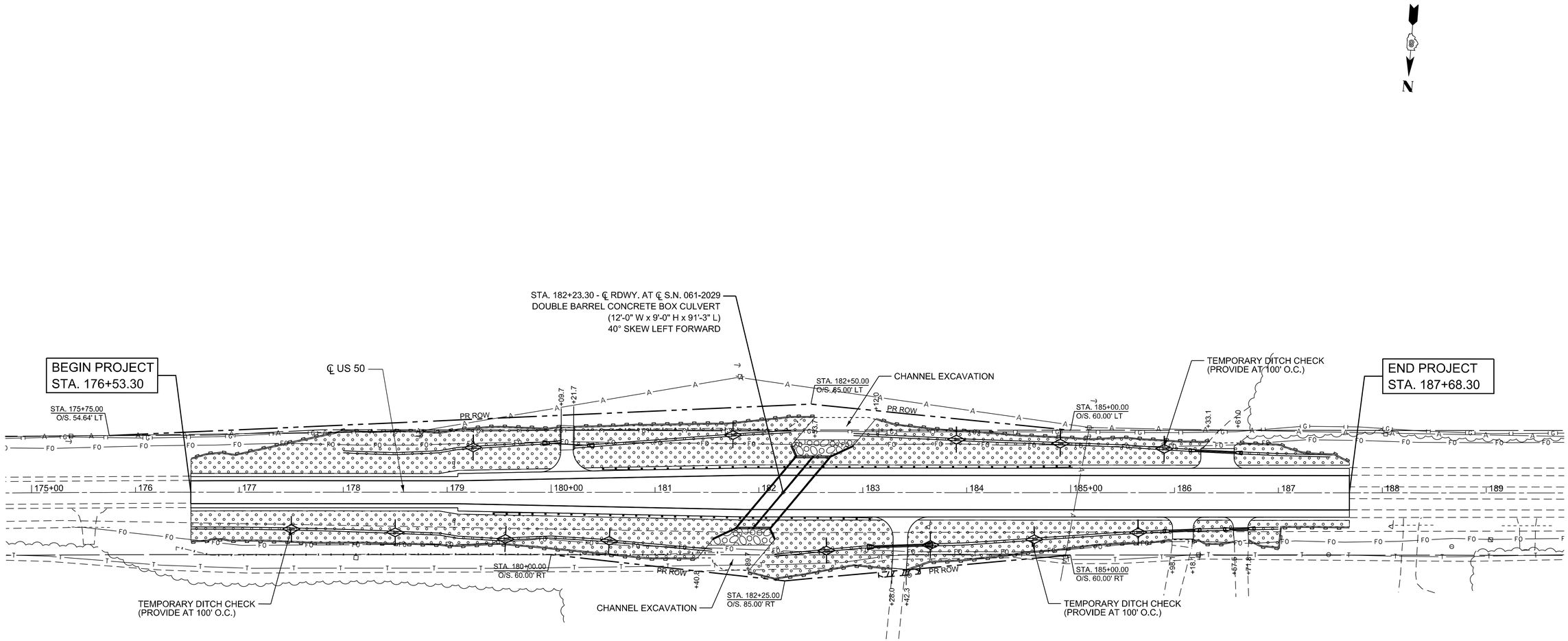
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	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 7/22/2026	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

US 50 OVER TRIBUTARY TO TURKEY CREEK
DRAINAGE PLAN

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

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
327A	17CR-1	MARION	51	18
		CONTRACT NO. 76M46		
		ILLINOIS	FED. AID PROJECT	



EROSION CONTROL LEGEND

- SEEDING CLASS 2A
  MULCH, METHOD 2
  TEMPORARY EROSION CONTROL SEEDING
- STONE RIPRAP, CLASS A4
  FILTER FABRIC
- LIMITS OF CONSTRUCTION
- PERIMETER EROSION BARRIER
- TEMPORARY DITCH CHECK

EROSION CONTROL NOTES:

1. TEMPORARY EROSION CONTROL SEEDING SHALL BE APPLIED TO ERODIBLE OR BARE AREAS WITHIN THE PROJECT LIMITS.

   PLAN QUANTITY IS PROVIDED FOR A TOTAL OF FOUR (4) APPLICATIONS TO ALL BARE AREAS AT A RATE OF 100 POUNDS PER ACRE.

0 50 100
SCALE IN FEET

MODEL: ExCL - Plan [Sheet]
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VEENSTRA & KIMM INC.
A Kleinfelder Company

USER NAME = DBook	DESIGNED -	REVISED -	
	DRAWN -	REVISED -	
	CHECKED -	REVISED -	
PLOT DATE = 7/22/2026	DATE -	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

US 50 OVER TRIBUTARY TO TURKEY CREEK
EROSION CONTROL PLAN

SCALE: 1"=50' | SHEET 1 OF 1 SHEETS | STA. 174+75.00 TO STA. 189+75.00

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
327A	17CR-1	MARION	51	19
		CONTRACT NO. 76M46		
	ILLINOIS	FED. AID PROJECT		

SHEET INDEX		
SHEET NO.	STATION to STATION	DESCRIPTION
1		COVER SHEET
2		LEGEND/NOTE SHEET
3	172+00.00 to 186+50.00	PAR. 82420001 & 82420002 TOTAL HOLDING
4		CONTROL & CL TIES SECTION CORNER TIES

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
OFFICE OF HIGHWAYS PROJECT IMPLEMENTATION

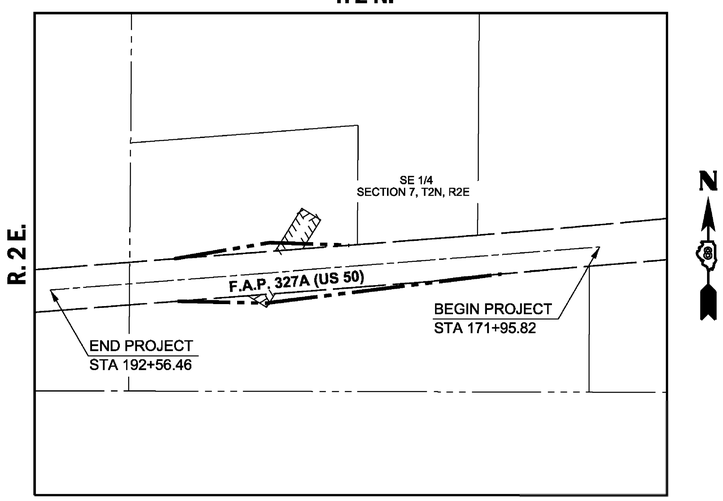
RECEIVED 10-25-24

SPACE RESERVED FOR RECORDING OFFICER

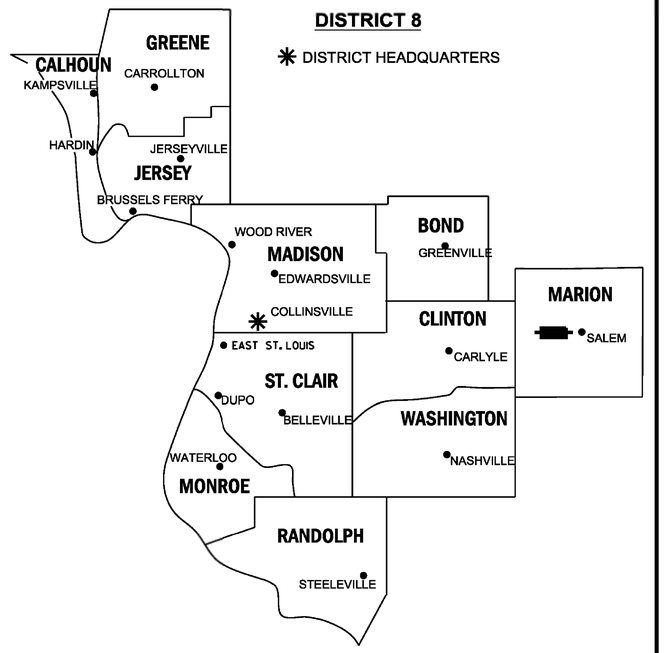
PLAT OF HIGHWAYS

PREFINAL SET

FAP 327A (US 50)
SECTION 17CR-1
MARION COUNTY
JOB NO. R-98-024-20



PROJECT LENGTH = 2,061 LIN. FT. = 0.3903 MILES



LOCATION OF SECTION INDICATED THUS:

PREPARED BY:

CIVIL DESIGN, INC.
307 E. WASHINGTON AVE.
EFFINGHAM, IL 62401

PH. 217-342-2025
IL DESIGN FIRM #184.003222

PROFESSIONAL LAND SURVEYOR
DANIEL J. HOLLAND
035-3907
EFFINGHAM
ILLINOIS
STATE OF ILLINOIS

DANIEL J. HOLLAND, IPLS #3907
EXPIRATION DATE 11/30/2024

SHEET 1 OF 4

ILLINOIS DEPARTMENT OF TRANSPORTATION OFFICE OF HIGHWAYS PROJECT IMPLEMENTATION/REGION 5/DISTRICT 8 † 1102 EASTPORT PLAZA DRIVE COLLINSVILLE, ILLINOIS 62234-6198				
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
327A	17CR-1	MARION		
		CONTRACT NO. 76M46		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

USER NAME = DBook	DESIGNED -	REVISED -	
	DRAWN -	REVISED -	
	CHECKED -	REVISED -	
PLOT DATE = 7/22/2026	DATE -	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

US 50 OVER TRIBUTARY TO TURKEY CREEK
PLAT OF HIGHWAYS

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

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
327A	17CR-1	MARION	51	20
		CONTRACT NO. 76M46		
	ILLINOIS	FED. AID PROJECT		

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LEGEND FOR EXISTING TOPOGRAPHIC SYMBOLS

TRAFFIC SIGNAL GULFBOX	DRAINAGE FLOW LINE
TRAFFIC SIGNAL HANDHOLE	RIP RAP
TRAFFIC SIGNAL SIGNAL POST	HEADWALL
TRAFFIC SIGNAL STEEL MAST ARM	CULVERT END SECTION
TRAFFIC SIGNAL PEDESTRIAN PUSH BUTTON	DRAINAGE MANHOLE
TRAFFIC SIGNAL WOODEN POLE	INLET
TRAFFIC SIGNAL VEHICLE DETECTION PRIORITY	ROADWAY DITCH FLOW
TRAFFIC SIGNAL VEHICLE DETECTION MAGNET	VEGETATION LINE
TRAFFIC SIGNAL JUNCTION BOX	STUMP
TRAFFIC SIGNAL CONTROLLER	SHRUB
TRAFFIC SIGNAL HEAVY DUTY HANDHOLE	EVERGREEN TREE
RAILROAD CANTILEVER MAST ARM	DECIDUOUS TREE
RAILROAD CROSSBUCK	WOODS/BUSH LINE
RAILROAD TRACK	TRAFFIC SIGN
RAILROAD TRACK (ABANDONED)	GUARDRAIL POST
RAILROAD CROSSGATE	GUARDRAIL
RAILROAD CONTROL BOX	FIELD LINE
RAILROAD FLASHING SIGNAL	LEVEE/NOISE BARRIER
UTILITY TELEPHONE SPLICE BOX	FENCE
UTILITY POWER POLE	MAIL BOX
UTILITY TRAFFIC SIGNAL	ADVERTISING SIGN
UTILITY LIGHT POLE	MARSH
UTILITY FIRE HYDRANT	LIGHTING HANDHOLE
UTILITY MANHOLE	LIGHTING POWER POLE
UTILITY TELEPHONE POLE	LIGHTING JUNCTION BOX
UTILITY GUY ANCHOR	LIGHTING HEAVYDUTY HANDHOLE
UTILITY PIPELINE WARNING SIGN	LIGHTING CONTROLLER
UTILITY HANDHOLE	LIGHTING PULL POINT
UTILITY SPLICE BOX	HIGHWAY LIGHTING ELECTRICAL GROUND
UTILITY JUNCTION BOX	HIGHWAY LIGHTING SINGLE UNIT
UTILITY HEAVY DUTY HANDHOLE	HIGHWAY LIGHTING DOUBLE UNIT
UTILITY DOUBLE HANDHOLE	EXISTING CONCRETE BARRIER
UTILITY CONTROLLER	EXISTING CREEK OR DITCH
UTILITY WATER METER	EXISTING EDGE OF PAVEMENT

BASIS OF COORDINATE & BEARING STATEMENT

COORDINATES AND BEARINGS SHOWN HEREON ARE BASED ON THE SURVEY CONTROL DATA AS PROVIDED BY THE ILLINOIS DEPARTMENT OF TRANSPORTATION.

LOW DISTORTION PROJECTION - MARION COUNTY

BASIS OF BEARINGS AND COORDINATES: ALL DISTANCES AND BEARING SHOWN HEREON ARE GRID VALUES BASED ON THE FOLLOWING PROJECTION DEFINITION. THE PROJECTION WAS DEFINED SUCH THAT GRID DISTANCES ARE EQUIVALENT TO "GROUND" DISTANCES.

LINEAR UNIT: US SURVEY FEET
GEODETIC DATUM: NAD 1983 (2011) - EPOCH: 2010
VERTICAL DATUM: NAVD 1988
PROJECTIONS: Lamber Conformal Conic (Single Parallel)
LATIDUE OF ORIGIN: 38°39'00"N
CENTRAL MERIDIAN: 88°55'00"W
FALSE NORTHING: 65,000 SFT
FALSE EASTING: 70,000 SFT
CM SCALE FACTOR: 1.00001913

THE SURVEY WAS REFERENCED TO THE NATIONAL SPACIAL REFERENCE SYSTEM BY DIRECT CONNECTION TO THE FOLLOWING NGS MONUMENTS.

CONTROL: A156 (PID: JB0615)
LATITUDE: N38°38'42.66681" NORTHING: 63250.4605 SFT
LONGITUDE: W88°58'03.41846" EASTING: 55447.4668 SFT
ELLIPSOIDAL HEIGHT: 467.0890 SFT ORTHO HT.: 568.9297 SFT (GEOID 18)

CONTROL: F155 (PID: JB0620)
LATITUDE: N38°37'11.40317" NORTHING: 54023.0641 SFT
LONGITUDE: W88°59'43.65393" EASTING: 47486.7946 SFT
ELLIPSOIDAL HEIGHT: 446.2130 SFT ORTHO HT.: 547.7712 SFT (GEOID 18)

PREPARED BY:

CIVIL DESIGN,INC.
307 E. WASHINGTON AVE.
EFFINGHAM, IL 62401

PH. 217-342-2025
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PROFESSIONAL LAND SURVEYOR
DANIEL J. HOLLAND
035-3907
EFFINGHAM
ILLINOIS
STATE OF ILLINOIS

DANIEL J. HOLLAND, IPLS #3907
EXPIRATION DATE 11/30/2024

RIGHT-OF-WAY LEGEND

SECTION CORNERS

QUARTER SECTION CORNERS

- EXISTING CENTERLINE
- EXISTING RIGHT-OF-WAY LINE
- FORMER RIGHT-OF-WAY LINE
- EXISTING IDOT EASEMENT LINE
- EXISTING EASEMENT LINE
- BUILDING SETBACK LINE
- EXISTING ACCESS CONTROL LINE
- EXISTING RIGHT-OF-WAY & PROPOSED ACCESS CONTROL LINE
- PROPOSED ACCESS CONTROL LINE
- PROPOSED CENTERLINE
- PROPOSED RIGHT-OF-WAY LINE
- PROPOSED TEMPORARY EASEMENT LINE
- PROPOSED PERMANENT EASEMENT LINE
- SECTION LINE
- QUARTER SECTION LINE
- QUARTER QUARTER SECTION LINE
- PROPERTY LINE (TITLE)
- RECORDED PLAT/DEED LINE
- APPARENT PROPERTY LINE
- SAME OWNERSHIP
- 121.45' MEASURED DIMENSION
- (121.45') RECORDED DIMENSION
- FOUND STONE
- FOUND IRON PIPE OR IRON ROD AT CORNER UNLESS OTHERWISE NOTED
- SET 5/8 INCH IRON ROD WITH PLASTIC CAP IDENTIFIED BY SURVEYORS LICENSE NUMBER AT CORNER UNLESS OTHERWISE NOTED
- PERMANENT SURVEY MONUMENT, I.D.O.T. STD. 667101 (TO BE SET BY OTHERS)
- SET 5/8 INCH IRON ROD AS SURVEY CONTROL UNLESS OTHERWISE NOTED
- FOUND CUT CROSS
- SET CUT CROSS

■ STAKING OF PROPOSED RIGHT-OF-WAY AND PERMANENT EASEMENT CORNERS. SET 5/8 INCH METAL ROD WITH DIVISION OF HIGHWAY SURVEY ALUMINUM CAP TO MONUMENT THE POSITION SHOWN. IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS LICENSE NUMBER.

■B STAKING OF PROPOSED RIGHT-OF-WAY AND PERMANENT EASEMENT CORNERS IN CULTIVATED AREA, A MINIMUM OF 20 INCHES BELOW THE GROUND SURFACE. SET 5/8 INCH METAL ROD WITH DIVISION OF HIGHWAY SURVEY ALUMINUM CAP TO MONUMENT THE POSITION SHOWN. IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS LICENSE NUMBER.

LEGEND FOR ABBREVIATIONS

A/C	ACCESS CONTROL
AC	ACRE
AVE	AVENUE
BK	BOOK
BLVD	BOULEVARD
℄	CENTERLINE
CAB	CABINET
CH	COUNTY HIGHWAY
Ch	CHAIN
CP	CONTROL POINT
CPS	COTTON PICKER SPINDLE
DB	DEED BOOK
E	EAST
EX	EXISTING
FA	FEDERAL AID
FAI	FEDERAL AID INTERSTATE
FAP	FEDERAL AID PRIMARY
FAS	FEDERAL AID SECONDARY
FAU	FEDERAL AID URBAN
FND	FOUND
ha	HECTARE
IP	IRON PIPE
IR	IRON ROD
LT	LEFT
m	METER
m²	SQUARE METERS
N	NORTH
N/F	NOW OR FORMERLY
N & BC	NAIL AND BOTTLE CAP
N & C	NAIL AND CAP
N & W	NAIL AND WASHER
NE	NORTHEAST
NW	NORTHWEST
PB	PLAT BOOK
PG	PAGE
POB	POINT OF BEGINNING
POC	POINT OF COMMENCEMENT
POT	POINT ON TANGENT
ℙ	PROPERTY LINE
PR	PROPOSED
R	RANGE
RD	ROAD
REC	RECORD
ROW	RIGHT-OF-WAY
RR	RAILROAD
RRS	RAILROAD SPIKE
RT	RIGHT
RTE	ROUTE
S	SOUTH
SBI	STATE BOND ISSUE
SE	SOUTHEAST
SEC	SECTION
SQ FT	SQUARE FEET
SR	STATE ROUTE
ST	STREET
STA	STATION
SMK	SURVEY MARKER
SW	SOUTHWEST
T	TOWNSHIP
TR	TOWNSHIP ROAD
USGS	U.S. GEOLOGICAL SURVEY
W	WEST

RECEIVED: 10-25-24

SPACE RESERVED FOR RECORDING OFFICER

PROPOSED PARCEL NUMBER LEGEND

82420001	PROPOSED FEE SIMPLE ACQUISITION
82420001PE	PROPOSED PERMANENT EASEMENT
82420001TE	PROPOSED TEMPORARY EASEMENT
82420001DED	PROPOSED DEDICATION
82420001AC	PROPOSED ACCESS CONTROL LINE

CURVE ABBREVIATIONS

PC	POINT OF CURVATURE
PI	POINT OF INTERSECTION
PT	POINT OF TANGENCY
PRC	POINT OF REVERSE CURVE
PCC	POINT OF COMPOUND CURVE
R	RADIUS OF CURVE
L	LENGTH OF CURVE
CB	CHORD BEARING
C	CHORD LENGTH
D	DEGREE OF CURVE
E	EXTERNAL ORDINATE
¬	CENTRAL ANGLE

IDOT PROVIDED SURVEY CONTROL

COORDINATES PROVIDED BY THE ILLINOIS DEPARTMENT OF TRANSPORTATION
JOB NO. R-98-024-20 / CONTRACT NO. 76M46

POINT NO.	NORTH (FEET)	EAST (FEET)	DESCRIPTION
A156	63,250.4605	55,447.4668	NGS / PID JB0615 / DISK IN CONC.
E155	53,675.3501	42,223.0715	NGS / PID JB0853 / DISK IN CONC.
F155	54,023.0641	47,486.7946	NGS / PID JB0620 / DISK IN CONC.
mr05	64,599.6124	32,046.5341	1/2" X 30" REBAR WITH IDOT CAP
mr06	54,129.3116	37,209.0527	1/2" X 30" REBAR WITH IDOT CAP
mr07	43,445.5180	31,916.3383	1/2" X 30" REBAR WITH IDOT CAP
mr08	43,454.2070	51,488.7223	1/2" X 30" REBAR WITH IDOT CAP

TOPOGRAPHIC STATEMENT

THE TOPOGRAPHY SHOWN HEREON WAS PROVIDED TO THE SURVEYOR BY THE ILLINOIS DEPARTMENT OF TRANSPORTATION. THE SURVEYOR VISUALLY FIELD VERIFIED THE EXISTENCE OF THE TOPOGRAPHY SHOWN HEREON.

IDOT PROVIDED ALIGNMENT FAP ROUTE 327A (US 50)

COORDINATES PROVIDED BY THE ILLINOIS DEPARTMENT OF TRANSPORTATION
JOB NO. R-98-024-20 / CONTRACT NO. 76M46

PNT#/DESC.	STATION	OFFSET	NORTH (FEET)	EAST (FEET)
302/MAGNAIL	171+95.82		54,413.1800	41,089.3390
C1 PC/MAGNAIL	172+61.04		54,407.2885	41,024.3792
C1 PT/MAGNAIL	177+36.20		54,367.4211	40,550.9017
303/MAGNAIL	182+23.30		54,329.6799	40,065.2662
300/MAGNAIL	192+56.46		54,249.6291	39,035.2100

TOTAL HOLDING AREA SOURCE TABLE

1	AREA ACCORDING TO THE SURVEY PERFORMED BY THE CONSULTANT.
2	AREA LISTED IN RECORDED DEED.
3	AREA ACCORDING TO A RECORDED SUBDIVISION PLAT.
4	AREA ACCORDING TO A PLAT OF SURVEY.
5	AREA CALCULATED FROM RECORDED DEEDS OR TITLE COMMITMENTS - NOT SURVEYED.
6	AREA ACCORDING TO COUNTY TAX MAPS AND COUNTY ASSESSMENT RECORDS.
7	AREA ACCORDING TO OTHER RECORDS, SEE NOTE ON THE PLAT OF HIGHWAYS.

ILLINOIS DEPARTMENT OF TRANSPORTATION
PLAT OF HIGHWAYS
FAP 327A (US 50)
SECTION 17CR-1
MARION COUNTY
JOB NO. R-98-024-20

SHEET 2 OF 4

ILLINOIS DEPARTMENT OF TRANSPORTATION
OFFICE OF HIGHWAYS PROJECT IMPLEMENTATION/REGION 5/DISTRICT 8
1102 EASTPORT PLAZA DRIVE
COLLINSVILLE, ILLINOIS 62234-6198

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
327A	17CR-1	MARION		
		CONTRACT NO. 76M46		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

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USER NAME = DBook	DESIGNED -	REVISED -	
	DRAWN -	REVISED -	
	CHECKED -	REVISED -	
PLOT DATE = 7/31/2026	DATE -	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

US 50 OVER TRIBUTARY TO TURKEY CREEK
PLAT OF HIGHWAYS

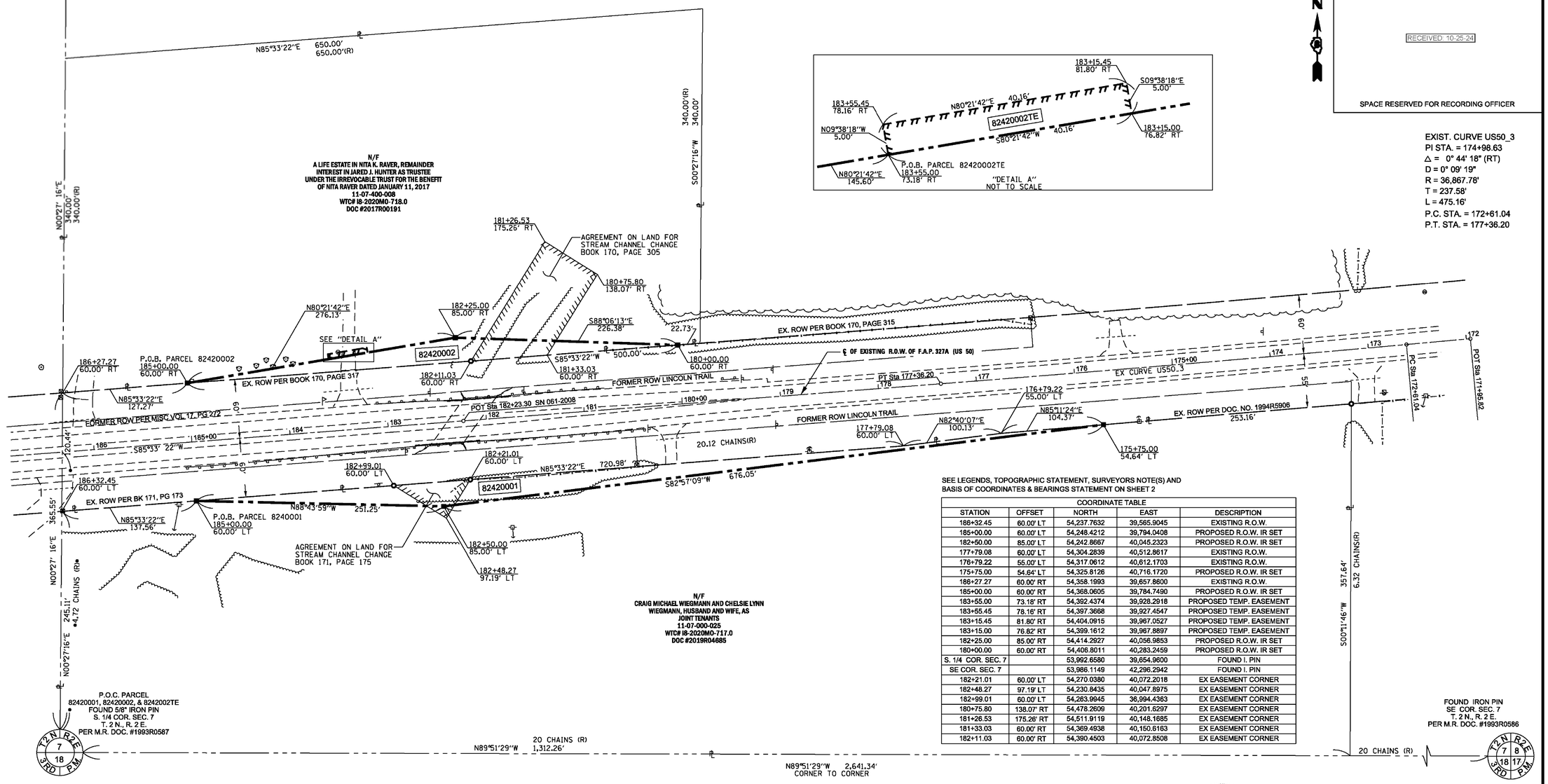
SCALE: SHEET 2 OF 4 SHEETS STA. TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
327A	17CR-1	MARION	51	21
		CONTRACT NO. 76M46		
	ILLINOIS	FED. AID PROJECT		

PART OF THE SE 1/4 OF SECTION 7, T. 2 N., R. 2 E., OF THE 3RD P.M., MARION COUNTY, ILLINOIS

RECEIVED: 10-25-24

SPACE RESERVED FOR RECORDING OFFICER



SEE LEGENDS, TOPOGRAPHIC STATEMENT, SURVEYORS NOTE(S) AND BASIS OF COORDINATES & BEARINGS STATEMENT ON SHEET 2

COORDINATE TABLE				
STATION	OFFSET	NORTH	EAST	DESCRIPTION
186+32.45	60.00' LT	54,237.7632	39,565.9045	EXISTING R.O.W.
185+00.00	60.00' LT	54,248.4212	39,794.0408	PROPOSED R.O.W. IR SET
182+50.00	85.00' LT	54,242.8667	40,045.2323	PROPOSED R.O.W. IR SET
177+79.08	60.00' LT	54,304.2839	40,512.8617	EXISTING R.O.W.
176+79.22	55.00' LT	54,317.0612	40,612.1703	EXISTING R.O.W.
175+75.00	54.64' LT	54,325.8126	40,716.1720	PROPOSED R.O.W. IR SET
186+27.27	60.00' RT	54,358.1993	39,657.8600	EXISTING R.O.W.
185+00.00	60.00' RT	54,368.0605	39,784.7490	PROPOSED R.O.W. IR SET
183+65.00	73.18' RT	54,392.4374	39,928.2918	PROPOSED TEMP. EASEMENT
183+55.45	78.16' RT	54,397.3668	39,927.4547	PROPOSED TEMP. EASEMENT
183+15.45	81.80' RT	54,404.0915	39,967.0527	PROPOSED TEMP. EASEMENT
183+15.00	76.82' RT	54,399.1612	39,967.8897	PROPOSED TEMP. EASEMENT
182+25.00	85.00' RT	54,414.2927	40,056.9853	PROPOSED R.O.W. IR SET
180+00.00	60.00' RT	54,406.8011	40,283.2459	PROPOSED R.O.W. IR SET
S. 1/4 COR. SEC. 7		53,992.6580	39,654.9600	FOUND I. PIN
SE COR. SEC. 7		53,986.1149	42,296.2942	FOUND I. PIN
182+21.01	60.00' LT	54,270.0380	40,072.2018	EX EASEMENT CORNER
182+48.27	97.19' LT	54,230.8435	40,047.8975	EX EASEMENT CORNER
182+99.01	60.00' LT	54,263.9945	36,994.4363	EX EASEMENT CORNER
180+75.80	138.07' RT	54,478.2609	40,201.6297	EX EASEMENT CORNER
181+26.53	175.26' RT	54,511.9119	40,148.1685	EX EASEMENT CORNER
181+33.03	60.00' RT	54,369.4938	40,150.6183	EX EASEMENT CORNER
182+11.03	60.00' RT	54,390.4503	40,072.8508	EX EASEMENT CORNER

* SEE TOTAL HOLDING AREA SOURCE TABLE ON SHEET 2

PARCEL NO.	OWNER	TOTAL HOLDING	FEE SIMPLE ACQUISITION		REMAINDER	EASEMENTS TE = TEMPORARY		EASEMENT PURPOSE	PERMANENT TAX NUMBER AFFECTED	PROPERTY ACQUIRED BY
		ACRES	ACRES	SQ FT	ACRES	ACRES	SQ FT			
82420001	CRAIG MICHAEL WIEGMANN & CHELSIE LYNN WIEGMANN, HUSBAND AND WIFE, AS JOINT TENANTS MO-717.0	9.0203 [1]	0.2399	10,452	8.7804	N/A	N/A	N/A	11-07-000-025	
82420002	A LIFE ESTATE IN NITA K. RAVER, REMAINDER INTEREST IN JARED J. HUNTER AS TRUSTEE UNDER THE IRREVOCABLE TRUST FOR THE BENEFIT OF NITA RAVER DATED JANUARY 11, 2017 MO-718.0	5.0549 [1]	0.1435	6,250	4.9114	0.0046	201	CONSTRUCTION & GRADING	11-07-400-008	

CIVIL DESIGN, INC.
307 E. WASHINGTON AVE.
EFFINGHAM, IL 62401
PH. 217-342-2025
IL DESIGN FIRM #184.003222

STATE OF ILLINOIS)
) SS
COUNTY OF EFFINGHAM)

I, DANIEL J. HOLLAND, AN ILLINOIS PROFESSIONAL LAND SURVEYOR, STATE THAT I HAVE SURVEYED THE PLAT OF HIGHWAY SHOWN HEREON AND THAT THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY FOR THE PROPOSED PARCEL(S) TO BE ACQUIRED BY THE STATE OF ILLINOIS, DEPARTMENT OF TRANSPORTATION, SHOWN HEREON.

DATED _____

DANIEL J. HOLLAND, PLS NO. 3907
LICENSE EXPIRATION DATE: 11/30/2024

DANIEL J. HOLLAND 035-3907 EFFINGHAM ILLINOIS — PROFESSIONAL LAND SURVEYOR — STATE OF ILLINOIS

COMPLETION DATE OF FIELD WORK PERFORMED	
LAND SURVEY: 07/06/2021	ROW STAKING:

ILLINOIS DEPARTMENT OF TRANSPORTATION
PLAT OF HIGHWAYS
FAP 327A (US 50)
SECTION 17CR-1
MARION COUNTY
JOB NO. R-98-024-20
STATION 172+00.00 TO STATION 186+50.00

50' 0 50' 100'
SCALE: 1" = 50'

SHEET 3 OF 4

ILLINOIS DEPARTMENT OF TRANSPORTATION
OFFICE OF HIGHWAYS PROJECT IMPLEMENTATION/REGION 5/DISTRICT 8
1102 EASTPORT PLAZA DRIVE
COLLINSVILLE, ILLINOIS 62234-6198

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
327A	17CR-1	MARION		
		CONTRACT NO. 76M46		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

USER NAME = DBook	DESIGNED -	REVISED -	
	DRAWN -	REVISED -	
	CHECKED -	REVISED -	
PLOT DATE = 7/31/2026	DATE -	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

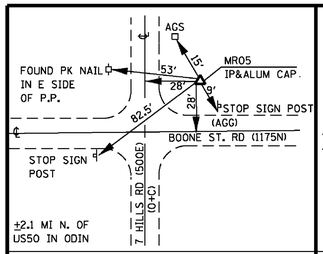
US 50 OVER TRIBUTARY TO TURKEY CREEK
PLAT OF HIGHWAYS

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

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
327A	17CR-1	MARION	51	22
		CONTRACT NO. 76M46		
	ILLINOIS	FED. AID PROJECT		

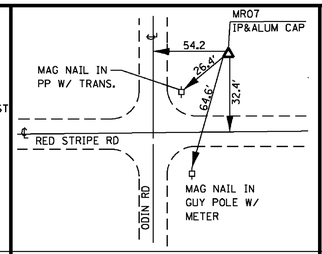
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SECTION CORNER AND CONTROL TIE SHEET



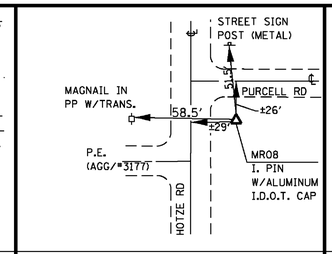
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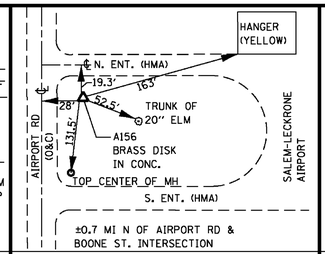
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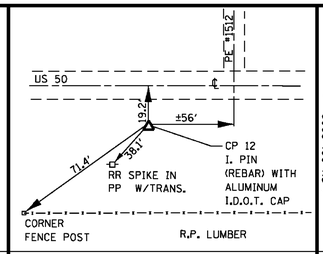
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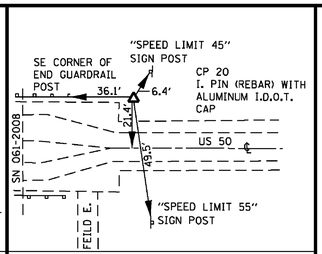
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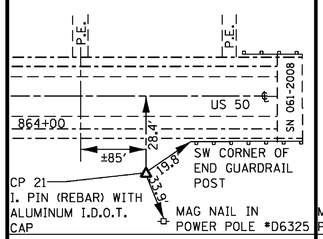
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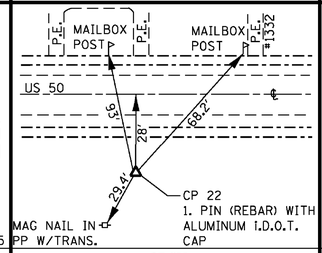
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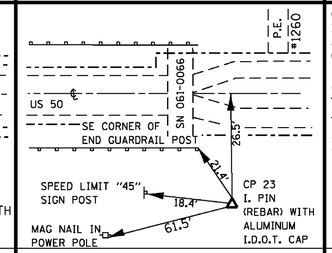
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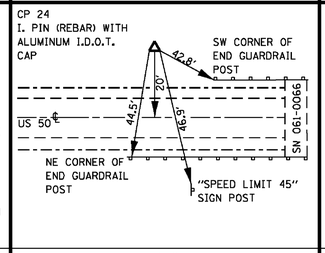
CP #22

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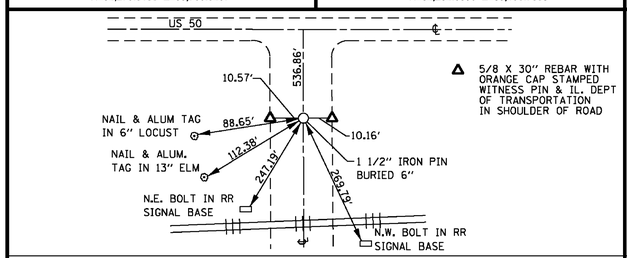
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CP #24

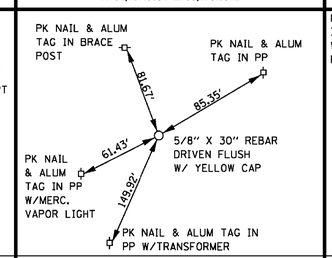
N=54,162.0694 E=37649.7408



SE COR. SEC. 7, T. 2 N., R. 2 E.

M.R. BK 1, PG 16 DOC. #1993R0586

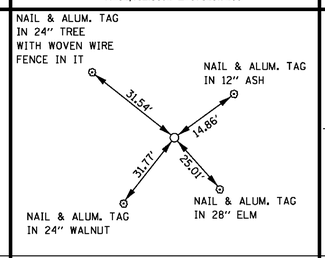
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SW COR. SEC. 7, T. 2 N., R. 2 E.

M.R. BK 1, PAGE 14 DOC. #1993R0584

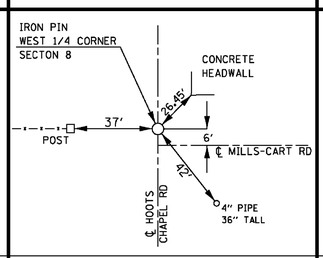
N=53,998.8389 E=37,250.1972



S. 1/4 COR. SEC. 7, T. 2 N., R. 2 E.

M.R. BK 1, PAGE 17 DOC. #1993R0587

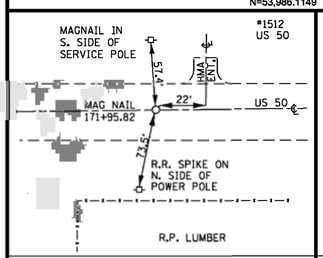
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E. 1/4 COR. SEC. 7, T. 2 N., R. 2 E.

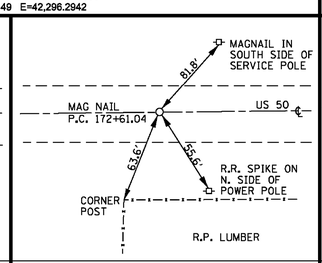
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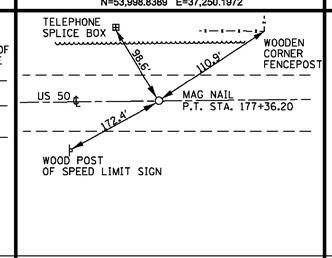
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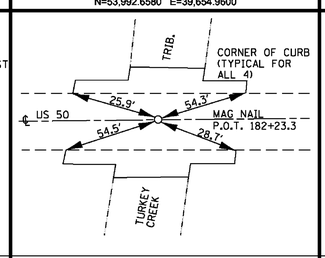
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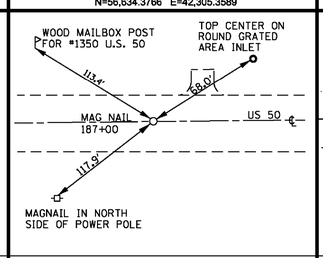
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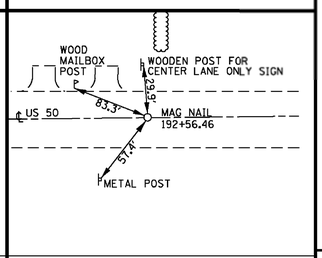
P.O.T. STA. 182+23.3

N=54,329.6799 E=40,065.2662



STA. 187+00

N=54,292.7445 E=39,589.9992



P.O.T. STA. 192+56.46

N=54,249.6291 E=39,035.2100

N

SPACE RESERVED FOR RECORDING OFFICER

RECEIVED: 10-25-24

STATE OF ILLINOIS)
) SS
COUNTY OF EFFINGHAM)

I, DANIEL J. HOLLAND, AN ILLINOIS PROFESSIONAL LAND SURVEYOR, STATE THAT I HAVE SURVEYED THE PLAT OF HIGHWAY SHOWN HEREON AND THAT THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY FOR THE PROPOSED PARCEL(S) TO BE ACQUIRED BY THE STATE OF ILLINOIS, DEPARTMENT OF TRANSPORTATION, SHOWN HEREON.

DATED _____

DANIEL J. HOLLAND, PLS NO. 3907
LICENSE EXPIRATION DATE: 11/30/2024

PROFESSIONAL LAND SURVEYOR * DANIEL J. HOLLAND 035-3907 EFFINGHAM ILLINOIS * STATE OF ILLINOIS

CIVIL DESIGN,INC.
307 E. WASHINGTON AVE.
EFFINGHAM, IL 62401

PH. 217-342-2025
IL DESIGN FIRM #184.003222

COMPLETION DATE OF FIELD WORK PERFORMED	
LAND SURVEY: 07/06/2021	ROW STAKING:

ILLINOIS DEPARTMENT OF TRANSPORTATION
PLAT OF HIGHWAYS
FAP 327A (US 50)
SECTION 17CR-1
MARION COUNTY
JOB NO. R-98-024-20

SHEET 4 OF 4

ILLINOIS DEPARTMENT OF TRANSPORTATION
OFFICE OF HIGHWAYS PROJECT IMPLEMENTATION/REGION 5/DISTRICT 8
1102 EASTPORT PLAZA DRIVE
COLLINSVILLE, ILLINOIS 62234-6198

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
327A	17CR 1	MARION		
		CONTRACT NO. 76M46		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

USER NAME = DBook	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION
	DRAWN -	REVISED -	
	CHECKED -	REVISED -	
PLOT DATE = 7/31/2026	DATE -	REVISED -	

US 50 OVER TRIBUTARY TO TURKEY CREEK
PLAT OF HIGHWAYS

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

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
327A	17CR-1	MARION	51	23
		CONTRACT NO. 76M46		
	ILLINOIS	FED. AID PROJECT		

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N

STA. 182+23.30 - ℄ RDWY. AT ℄ S.N. 061-2029
DOUBLE BARREL CONCRETE BOX CULVERT
(12'-0" W x 9'-0" H x 91'-3" L)
40° SKEW LEFT FORWARD

RAISED REFL PAVT MKR
(TWO-WAY AMBER @ 40' O.C.)
STA. 181+85.30 TO STA. 187+68.30

BEGIN PROJECT
STA. 176+53.30

℄ US 50

THERMOPLASTIC PAVEMENT MARKING
- LINE 12"
(45° DIAGONALS @ 25' C-C - SOLID WHITE)
STA. 179+10.30 TO STA. 181+85.30

SHOULDER RUM STRIP 8
STA. 176+53.3 TO STA. 187+68.3

END PROJECT
STA. 187+68.30

PR ROW

RAISED REFL PAVT MKR
(TWO-WAY AMBER @ 80' O.C.)
STA. 176+53.30 TO STA. 179+10.30

+10.3

+85.3

175+00 | 176 | 177 | 178 | 179 | 180+00 | 181 | 182 | 183 | 184 | 185+00 | 186 | 187 | 188 | 189

THERMOPLASTIC PAVEMENT MARKING
- LINE 4"
(EDGE LINE - SOLID WHITE)
STA. 176+53.30 TO STA. 187+68.30

RAISED REFL PAVT MKR
(ONE-WAY AMBER @ 40' O.C.)
STA. 179+10.30 TO STA. 181+85.30

THERMOPLASTIC PAVEMENT MARKING
- LINE 4"
(SOLID DOUBLE YELLOW)
STA. STA. 179+10.30 TO STA. 181+85.30

THERMOPLASTIC PAVEMENT MARKING
- LINE 4"
(SOLID DOUBLE YELLOW)
STA. 176+53.30 TO STA. 179+10.30

THERMOPLASTIC PAVEMENT MARKING
- LINE 4"
(10' DASH, 30' SKIP \ SOLID YELLOW)
STA. 181+85.30 TO STA. 187+68.30

THERMOPLASTIC PAVEMENT
MARKING - LETTERS AND
SYMBOLS (WHITE)

0 50 100
SCALE IN FEET

MODEL: ExCL - Plan [Sheet]
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VEENSTRA & KIMM INC.
A Kleinfelder Company

USER NAME = DBook	DESIGNED -	REVISED -	
	DRAWN -	REVISED -	
	CHECKED -	REVISED -	
PLOT DATE = 7/31/2026	DATE -	REVISED -	

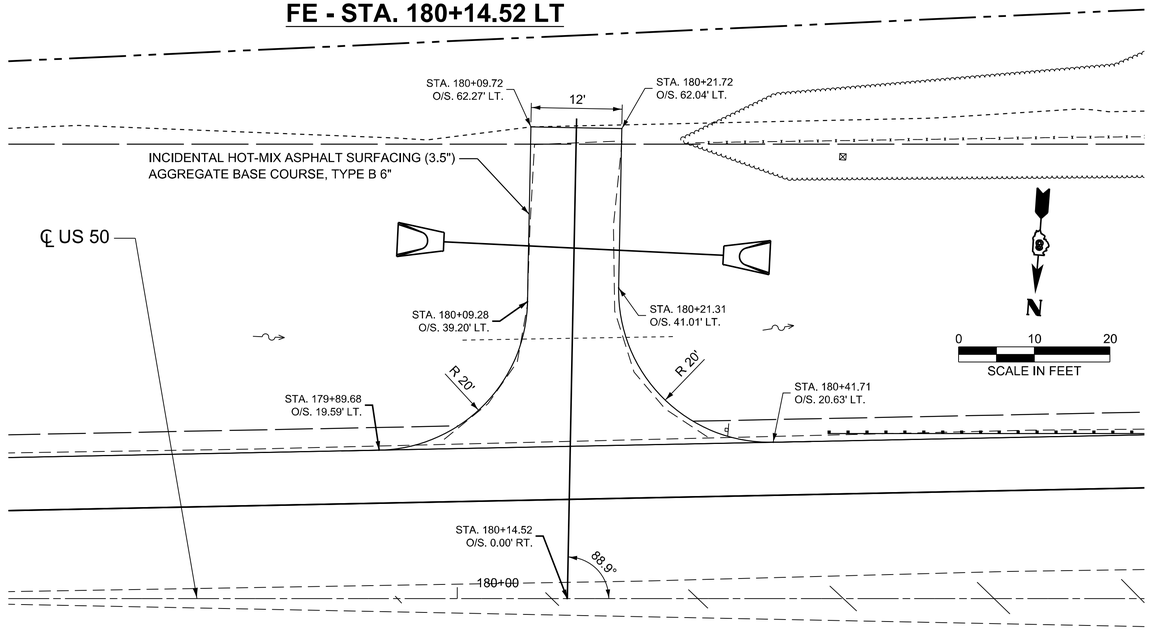
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

US 50 OVER TRIBUTARY TO TURKEY CREEK
PAVEMENT MARKING PLAN

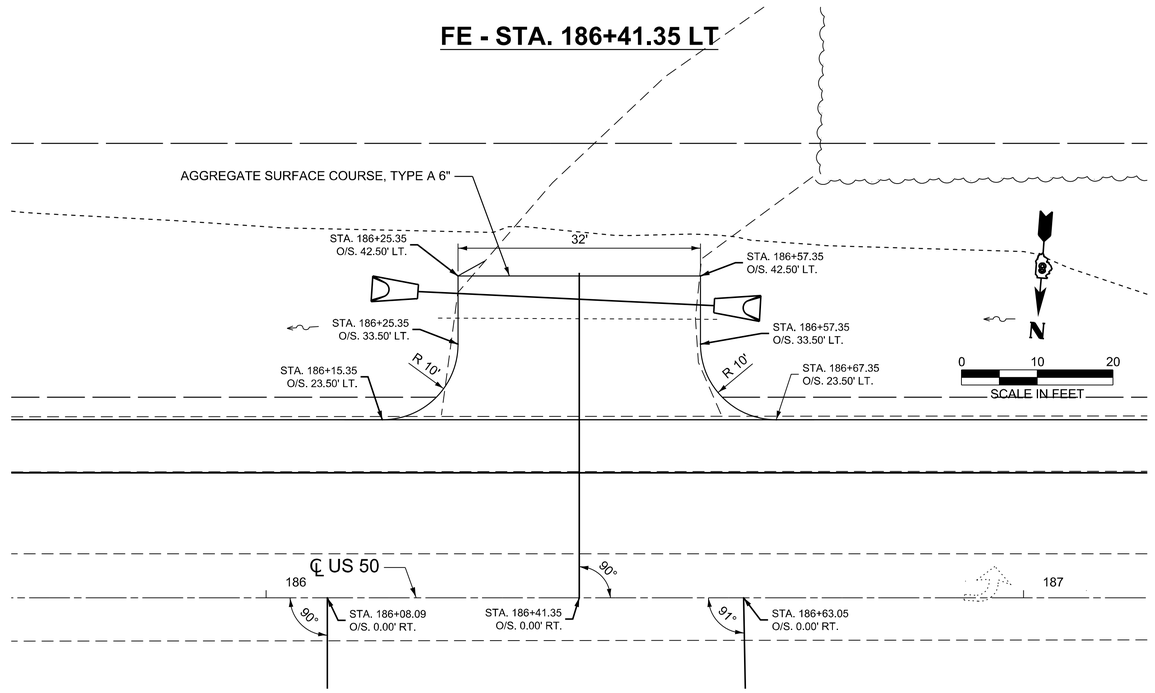
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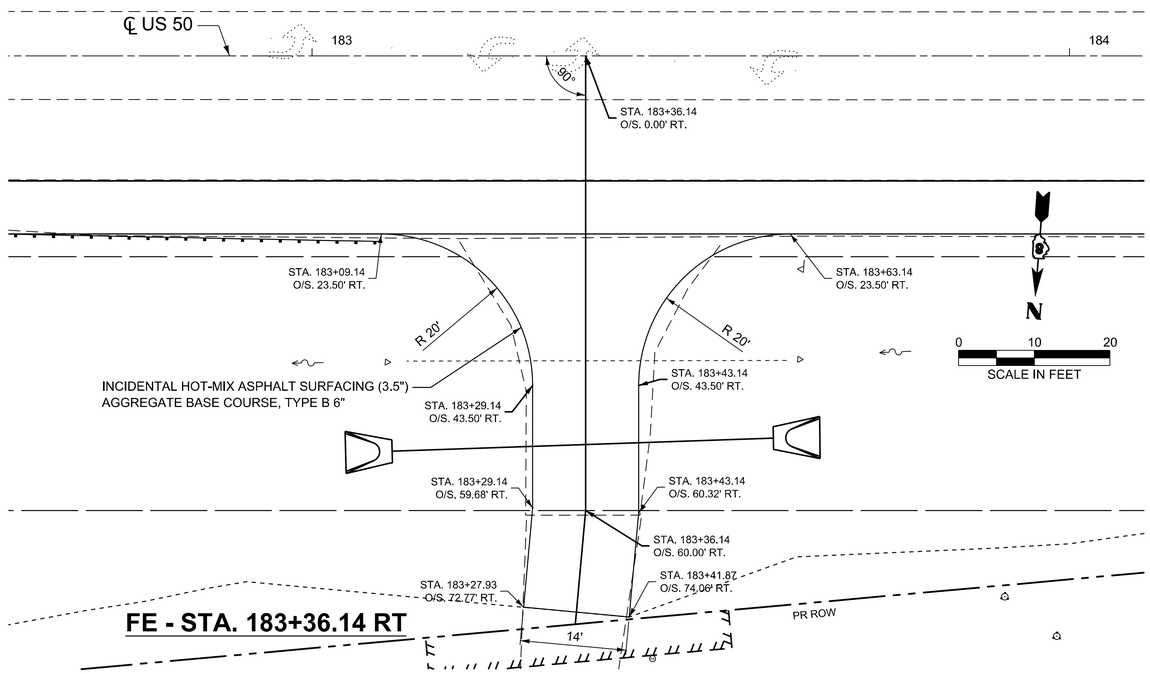
F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
327A	17CR-1	MARION	51	24
		CONTRACT NO. 76M46		
	ILLINOIS	FED. AID PROJECT		

FE - STA. 180+14.52 LT

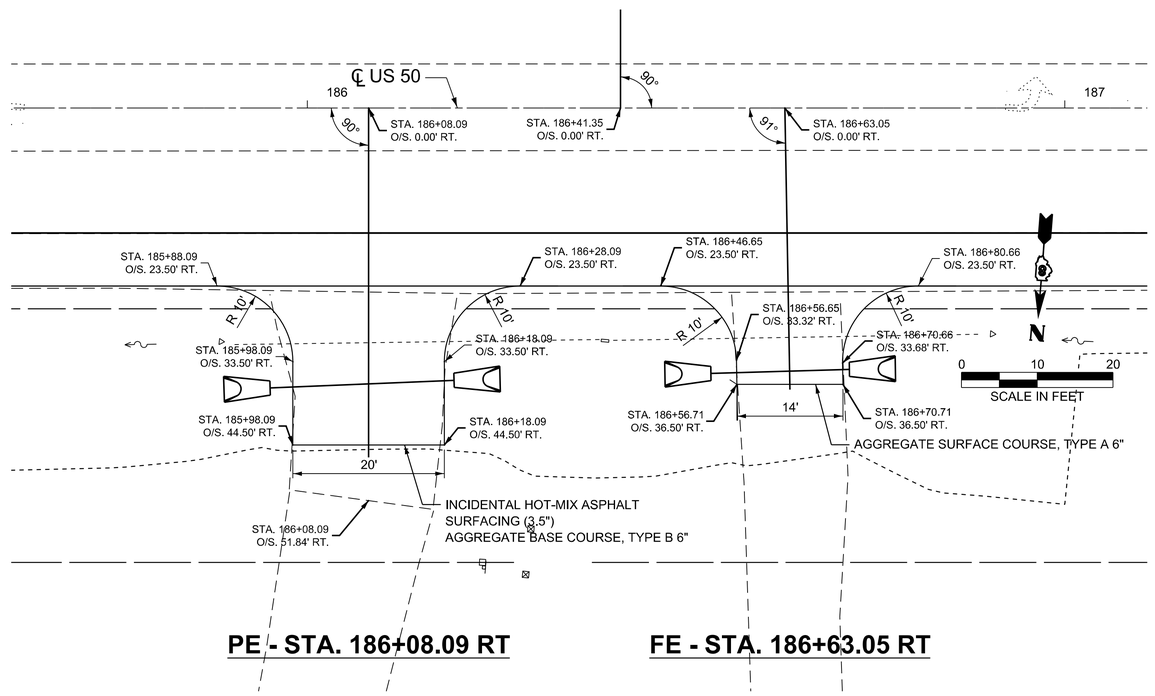


FE - STA. 186+41.35 LT





FE - STA. 183+36.14 RT



PE - STA. 186+08.09 RT

FE - STA. 186+63.05 RT

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VEENSTRA & KIMM INC.
A Kleinfelder Company

USER NAME = DBook	DESIGNED -	REVISED -	
	DRAWN -	REVISED -	
	CHECKED -	REVISED -	
PLOT DATE = 7/22/2026	DATE -	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

US 50 OVER TRIBUTARY TO TURKEY CREEK
ENTRANCE DETAILS

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

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
327A	17CR-1	MARION	51	25
		CONTRACT NO. 76M46		
	ILLINOIS	FED. AID PROJECT		

Bench Mark: BM251 - Chiseled "□" on the flat top of the NE wingwall of structure SN 061-2008. Elev. = 530.207.

Existing Structure: SN 061-2008, built in 1951 under S.B.I Route 12, Section 17-B-Y at Station 182+23.30 as a double barrel 12'x7'-6" concrete box culvert. The structure is 59'-2" in length with a skew of 40° and constructed with a Concrete L-Type cantilever wingwalls. Structure will be removed and replaced under road closure.

No Salvage.

INDEX OF SHEETS

1 - General Plan & Elevation
2 - General Data
3 - Culvert Details - Top Slab
4 - Culvert Details - Bottom Slab
5 - Culvert Sections
6 - Horizontal Cantilever Wingwall
7 - L-Type Two-Way Cantilever Wingwall
8 - Culvert Details
9 - Boring Logs

DESIGN SPECIFICATIONS

2024 AASHTO LRFD Bridge Design Specifications, 10th Edition

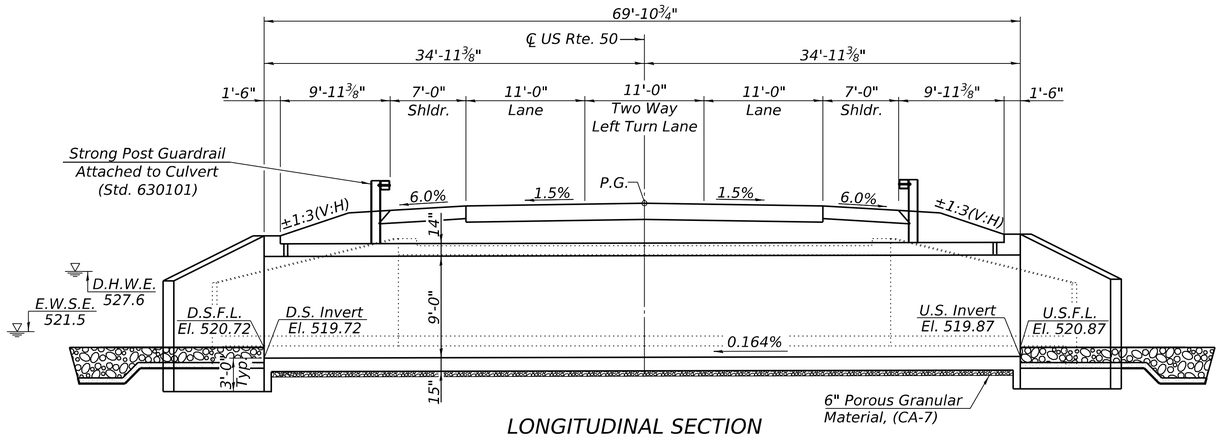
DESIGN STRESSES

FIELD UNITS

f 'c = 3,500 psi
f y = 60,000 psi (Reinforcement)

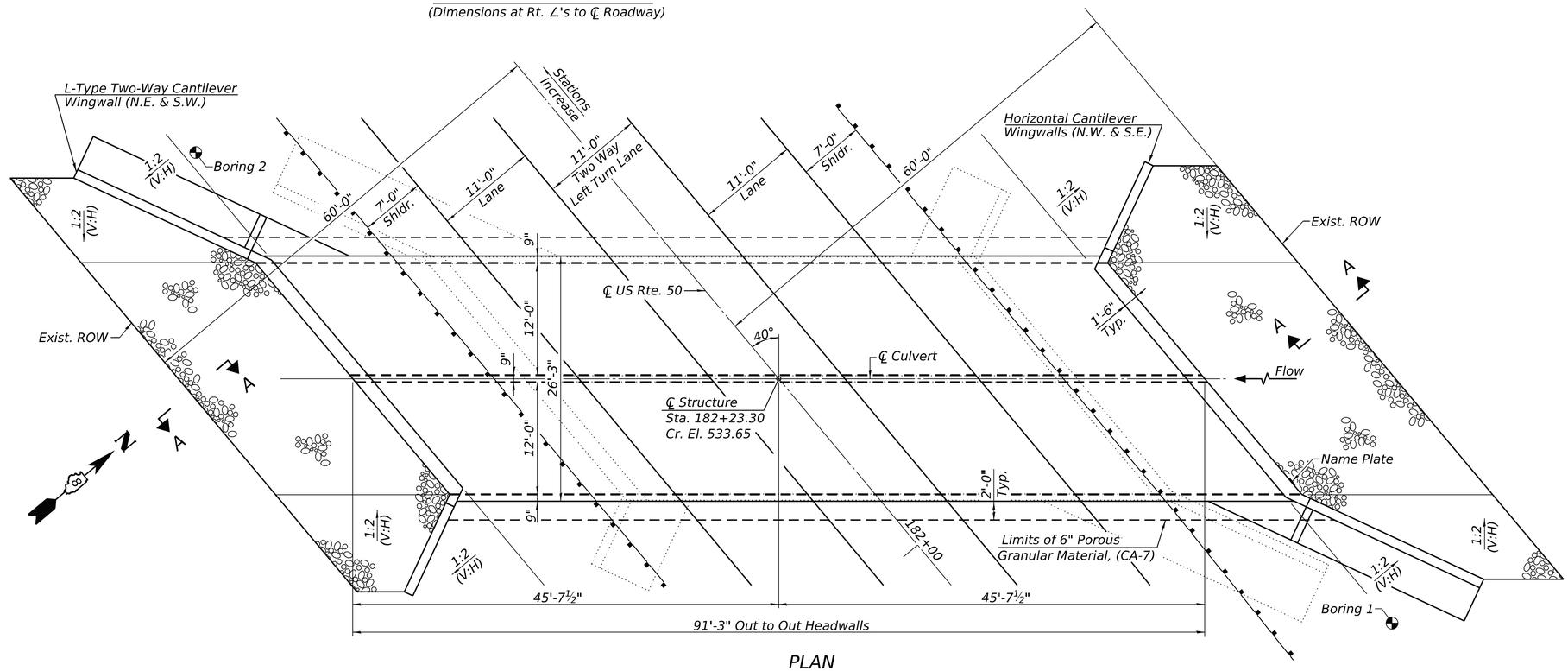
LOADING HL-93

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

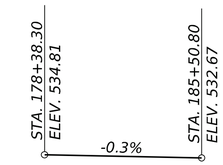


LONGITUDINAL SECTION

(Dimensions at Rt. ∠'s to ℄ Roadway)

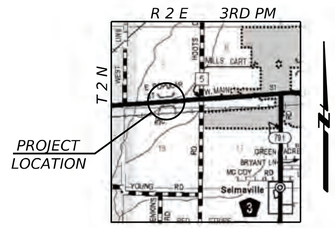


PLAN



PROFILE GRADE

(Along ℄ US Rte. 50)



LOCATION MAP

MARK A. HENDERSON 513 LICENSED STRUCTURAL ENGINEER STATE OF ILLINOIS

Expires: 11/30/2026
Date: 7/13/2026

APPROVED
FOR STRUCTURAL ADEQUACY ONLY

ENGINEER OF BRIDGES & STRUCTURES

GENERAL PLAN & ELEVATION
US ROUTE 50 OVER
TRIBUTARY TO TURKEY CREEK
F.A.P. RTE 327A - SECTION 17CR-1
MARION COUNTY
STATION 182+23.30
STRUCTURE NO. 061-2029

VEENSTRA & KIMM INC.
Springfield, IL. Phone: (217)544-8033
IL. Design Firm No. 184-001939

USER NAME =	DESIGNED - KES	REVISED -	
	CHECKED - MAH	REVISED -	
PLOT SCALE =	DRAWN - JRP	REVISED -	
PLOT DATE = JULY 13th, 2026	CHECKED - MAH	REVISED -	

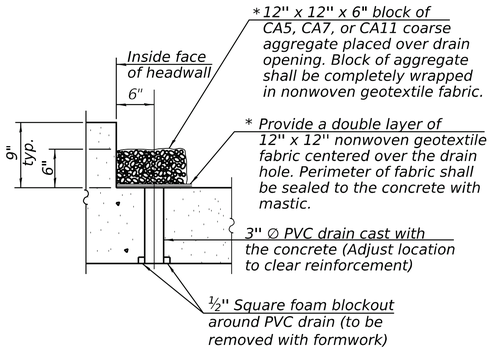
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

GENERAL PLAN & ELEVATION
STRUCTURE NO. 061 - 2029
SHEET 1 OF 9 SHEETS

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
327A	17CR-1	MARION	51	26
		CONTRACT NO. 76M46		
		ILLINOIS	FED. AID PROJECT	

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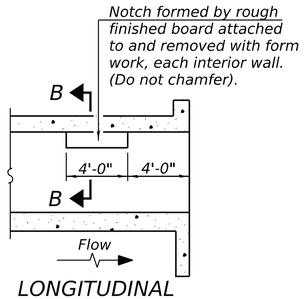
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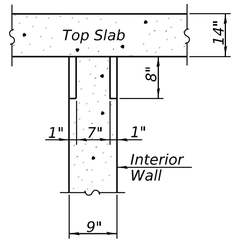
DRAIN DETAIL

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

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



LONGITUDINAL SECTION



SECTION B-B

PHOEBE NESTING SITE DETAILS

(Downstream End Only)

TOTAL BILL OF MATERIALS

Item	Unit	Total
Porous Granular Embankment	Cu. Yd.	632
Stone Riprap, Class A4	Sq. Yd.	315
Filter Fabric	Sq. Yd.	315
Removal of Existing Structures	Each	1
Reinforcement Bars, Epoxy Coated	Pound	59,860
Name Plates	Each	1
Concrete Box Culverts	Cu. Yd.	330.5
Strong Post Guardrail Attached to Culvert	Foot	82

WATERWAY INFORMATION

Drainage Area = 1.96 Sq. Mi.

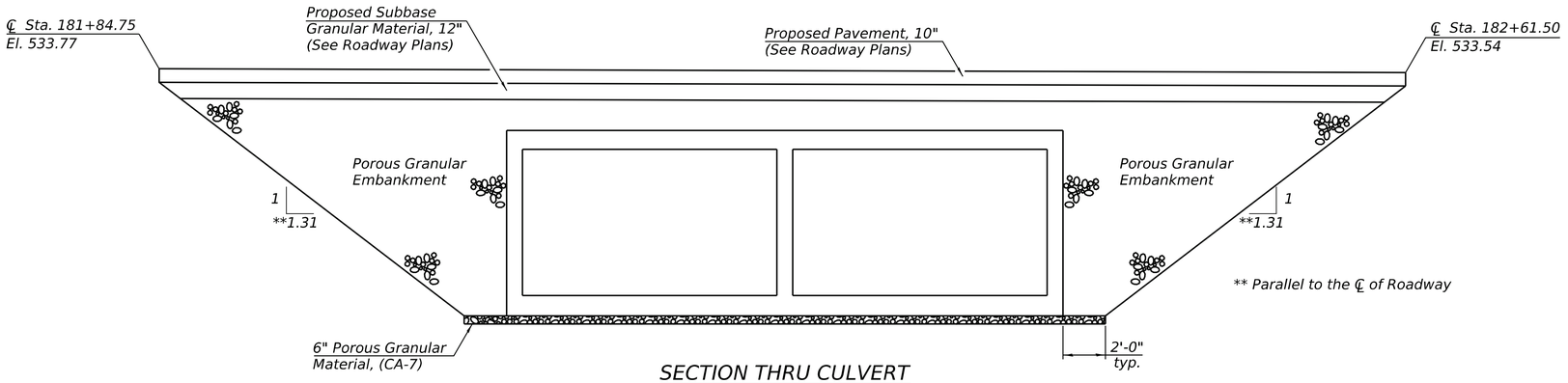
Exist. Low Grade Elev. 530.15 at Sta. 180+78.30
Prop. Low Grade Elev. 532.63 at Sta. 178+73.30

Flood	Freq. Yr.	Q C.F.S.	Opening Ft² Exist.	Opening Ft² Prop.	Nat. H.W.E.	Head - Ft. Exist.	Head - Ft. Prop.	Headwater El. Exist.	Headwater El. Prop.
Ten-Year	10	612	115	126	526.1	0.0	0.0	526.1	526.1
Design	50	990	148	160	527.6	0.4	0.3	528.0	527.9
Base	100	1,160	159	171	528.0	0.6	0.5	528.6	528.5
Overtopping Exist.	400	1,488	169	-	528.7	1.5	-	530.2	–
Max. Calc.	500	1,580	170	189	528.8	1.8	2.7	530.6	531.5

10 Yr. Outlet Velocity through Exist. Structure = 5.4 ft/s
10 Yr. Outlet Velocity through Prop. Structure = 4.7 ft/s

GENERAL NOTES

Layout of the slope protection system may be varied to suit ground conditions in the field as directed by the Engineer.
Reinforcement bars designated (E) shall be epoxy coated.



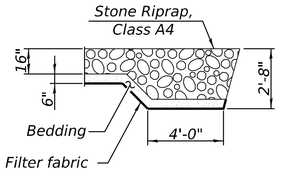
SECTION THRU CULVERT

Note:
6" Porous Granular Material (CA-7) shall be included in the cost for Concrete Box Culverts.
Porous Granular Embankment shown shall be placed between outside edge of shoulder to outside edge of shoulder.

STA. 182+23.30
BUILT 20 BY
STATE OF ILLINOIS
F.A.P. ROUTE 327A
SECTION 17CR-1
LOADING HL 93
STR. NO. 061-2029

NAME PLATE

(Standard 515001)



SECTION A-A

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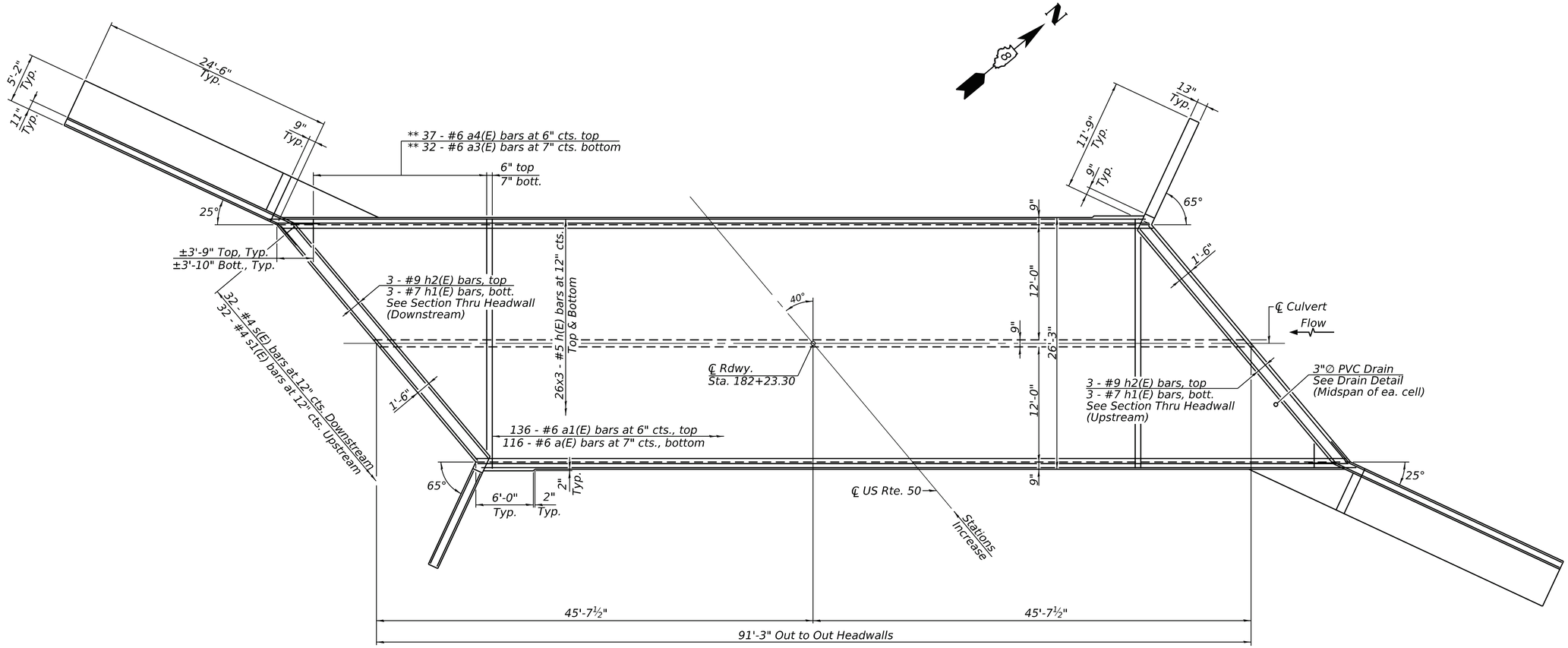
VEENSTRA & KIMM INC.
Springfield, IL. Phone: (217)544-8033
IL. Design Firm No. 184-001939

USER NAME =
PLOT SCALE =
PLOT DATE = JULY 13th, 2026
DESIGNED - KES
CHECKED - MAH
DRAWN - JRP
CHECKED - MAH
REVISED -
REVISED -
REVISED -
REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

GENERAL DATA
STRUCTURE NO. 061 - 2029
SHEET 2 OF 9 SHEETS

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
327A	17CR-1	MARION	51	27
		CONTRACT NO. 76M46		
	ILLINOIS	FED. AID PROJECT		



PLAN

MINIMUM BAR LAP

#5 bar = 2'-5"

** See field cutting diagram on Sheet 8 of 9. Use remainder in opposite corner of slab.

Note:
A distance of half of the length of the wingwall but not less than six feet of the barrel shall be poured monolithically with the horizontal cantilever wingwalls.
Bars indicated thus 25x3 - #5 etc. indicates 25 lines of bars with 3 lengths per line.

VEENSTRA & KIMM INC.
Springfield, IL. Phone: (217)544-8033
IL. Design Firm No. 184-001939

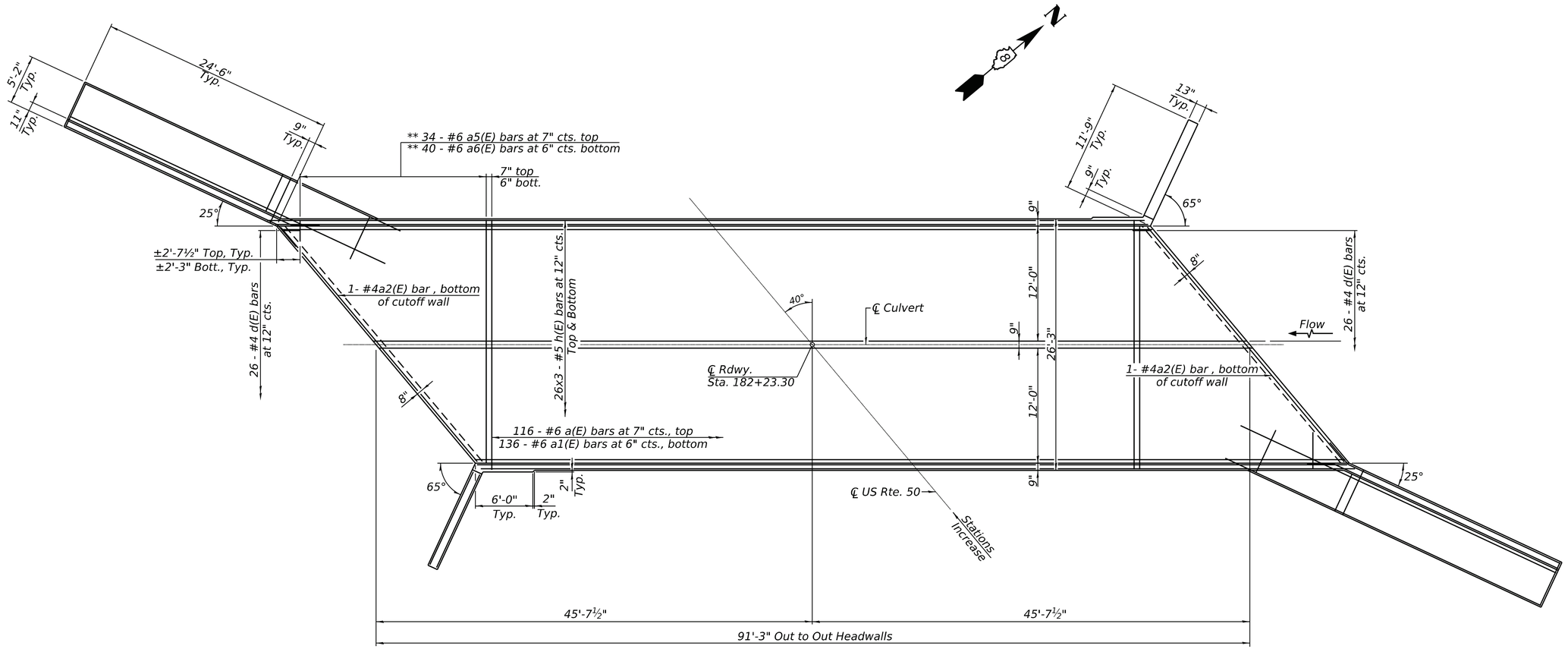
USER NAME =	DESIGNED - KES	REVISED -
	CHECKED - MAH	REVISED -
PLOT SCALE =	DRAWN - JRP	REVISED -
PLOT DATE = JULY 13th, 2026	CHECKED - MAH	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CULVERT DETAILS - TOP SLAB
STRUCTURE NO. 061 - 2029
SHEET 3 OF 9 SHEETS

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
327A	17CR-1	MARION	51	28
		CONTRACT NO. 76M46		
	ILLINOIS	FED. AID PROJECT		

MODEL: 003
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PLAN

MINIMUM BAR LAP

#5 bar = 2'-5"

** See field cutting diagram on Sheet 8 of 9. Use remainder in opposite corner of slab.

Note:
A distance of half of the length of the wingwall but not less than six feet of the barrel shall be poured monolithically with the horizontal cantilever wingwalls.
Bars indicated thus 25x3 - #5 etc. indicates 25 lines of bars with 3 lengths per line.

MODEL: 004
FILE NAME: \\sprfil-nasnip01.kleinfelder.com\SPRShare\050000526-IL_DOT_District_8\05526-0004-0002_US_50_TSL_Marion_Co\CADD_Sheets\d876m46-06122029.dgn

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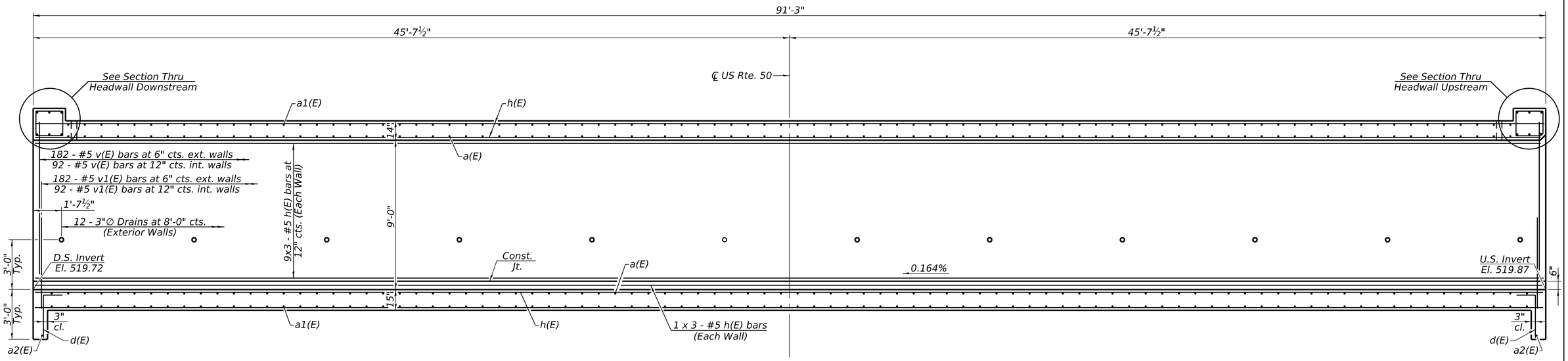
VEENSTRA & KIMM INC.
Springfield, IL. Phone: (217)544-8033
IL. Design Firm No. 184-001939

USER NAME =	DESIGNED - KES	REVISED -	
	CHECKED - MAH	REVISED -	
PLOT SCALE =	DRAWN - JRP	REVISED -	
PLOT DATE = JULY 13th, 2026	CHECKED - MAH	REVISED -	

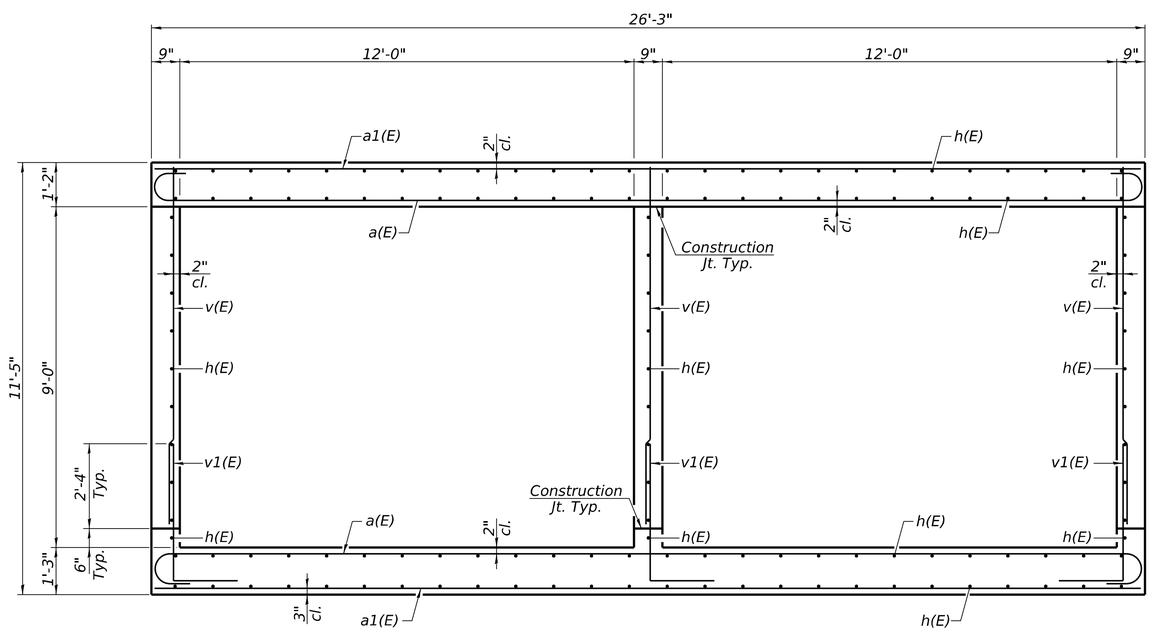
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CULVERT DETAILS - BOTTOM SLAB
STRUCTURE NO. 061 - 2029
SHEET 4 OF 9 SHEETS

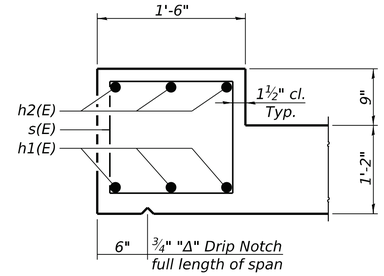
F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
327A	17CR-1	MARION	51	29
		CONTRACT NO. 76M46		
		ILLINOIS	FED. AID PROJECT	



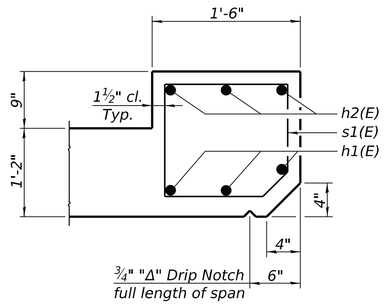
LONGITUDINAL SECTION



SECTION THRU BARREL



DOWNSTREAM



UPSTREAM

SECTION THRU HEADWALL

Note:
At the Contractor's option, a longer v1(E) bar may be ordered to replace the v(E) bar.
No reduction in quantities shall be made for this substitution.

MODEL: 005
FILE NAME: \\sprfl-nasnip01.ldeinfelder.com\SPRShare\050\00526-IL_DOT_District_8\0528-00\04-0002_US_50_TSL_Marion_Co\CADD_Sheets\d876m4f6-06120229.dgn

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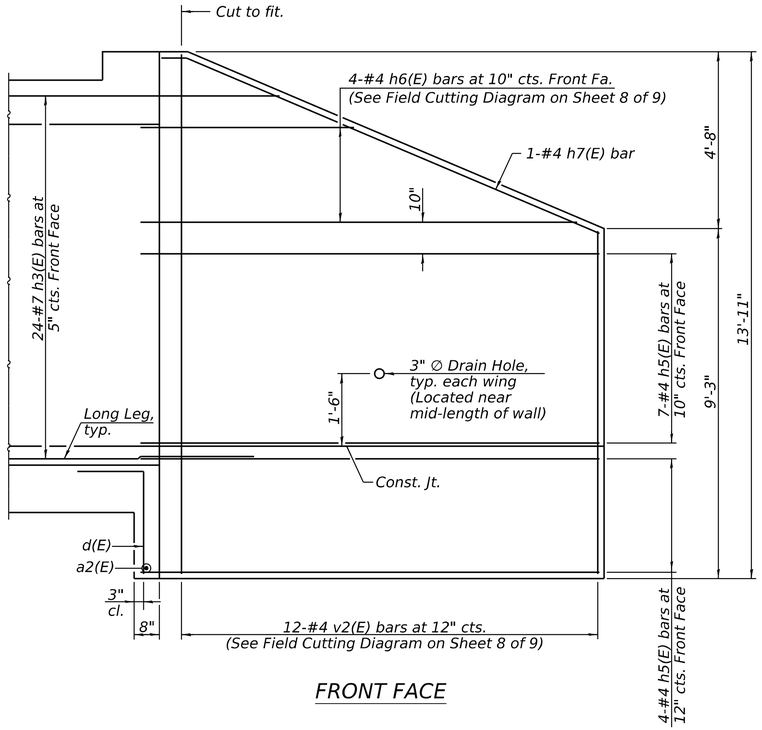
VEENSTRA & KIMM INC.
Springfield, IL. Phone: (217)544-8033
IL. Design Firm No. 184-001939

USER NAME =	DESIGNED - KES	REVISED -	
	CHECKED - MAH	REVISED -	
PLOT SCALE =	DRAWN - JRP	REVISED -	
PLOT DATE = JULY 13th, 2026	CHECKED - MAH	REVISED -	

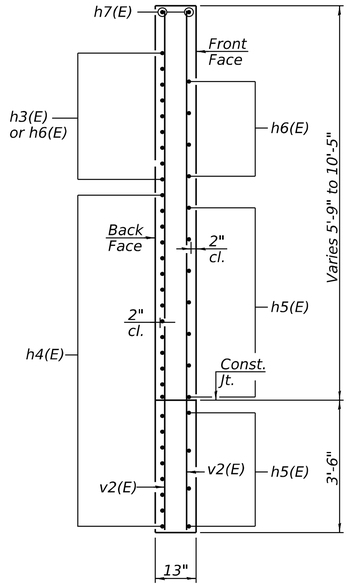
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CULVERT SECTIONS
STRUCTURE NO. 061 - 2029
SHEET 5 OF 9 SHEETS

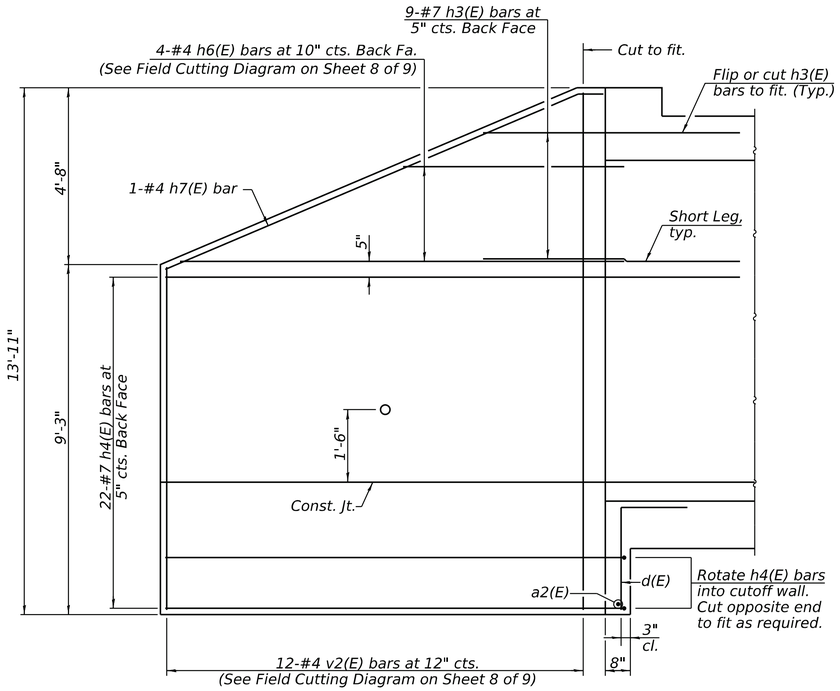
F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
327A	17CR-1	MARION	51	30
		CONTRACT NO. 76M46		
	ILLINOIS	FED. AID PROJECT		



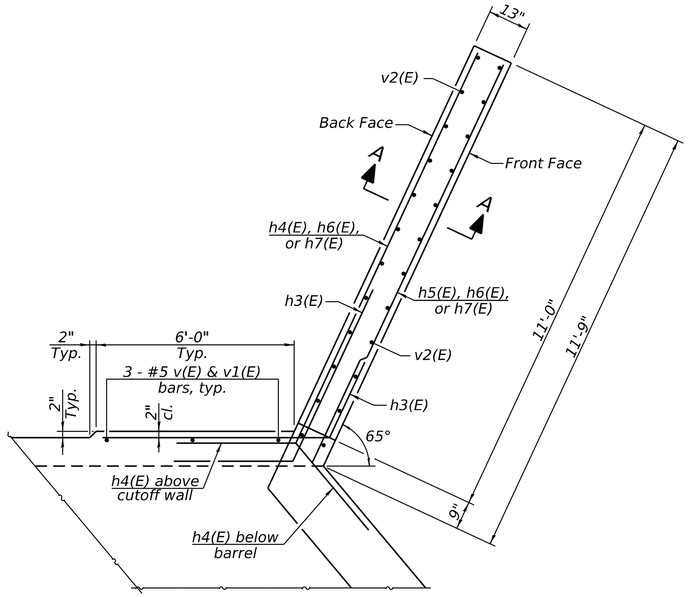
FRONT FACE



SECTION A-A



BACK FACE



PLAN

(Northwest wingwall shown, Southeast similar by 180° rotation)

MODEL: 006
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IL. Design Firm No. 184-001939

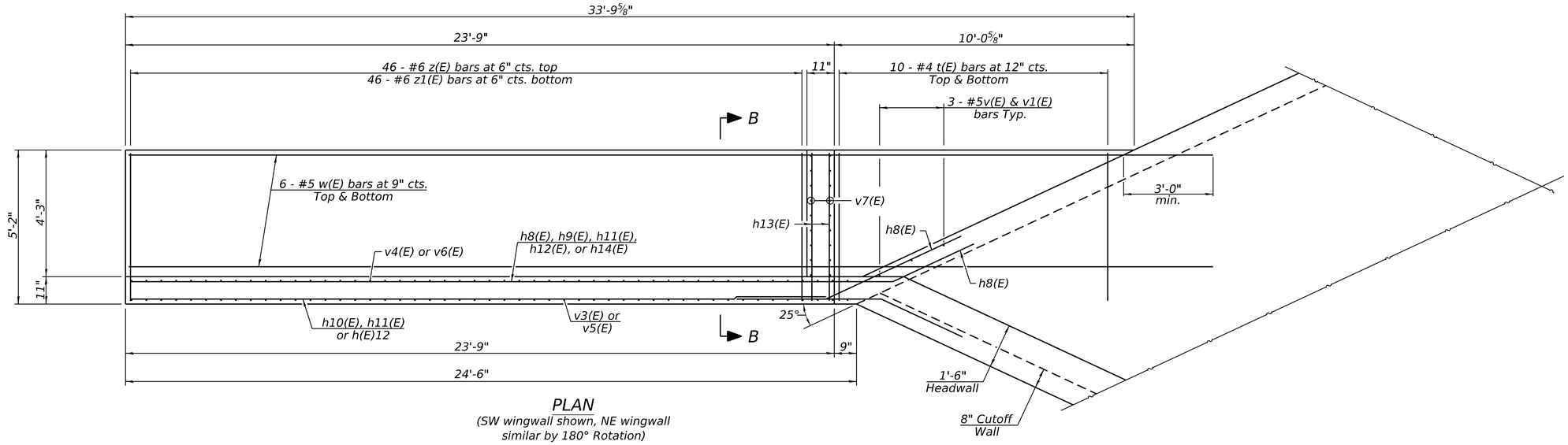
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		CHECKED - MAH	REVISED -
PLOT SCALE =		DRAWN - JRP	REVISED -
PLOT DATE =	JULY 13th, 2026	CHECKED - MAH	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

HORIZONTAL CANTILEVER WINGWALL
STRUCTURE NO. 061 - 2029

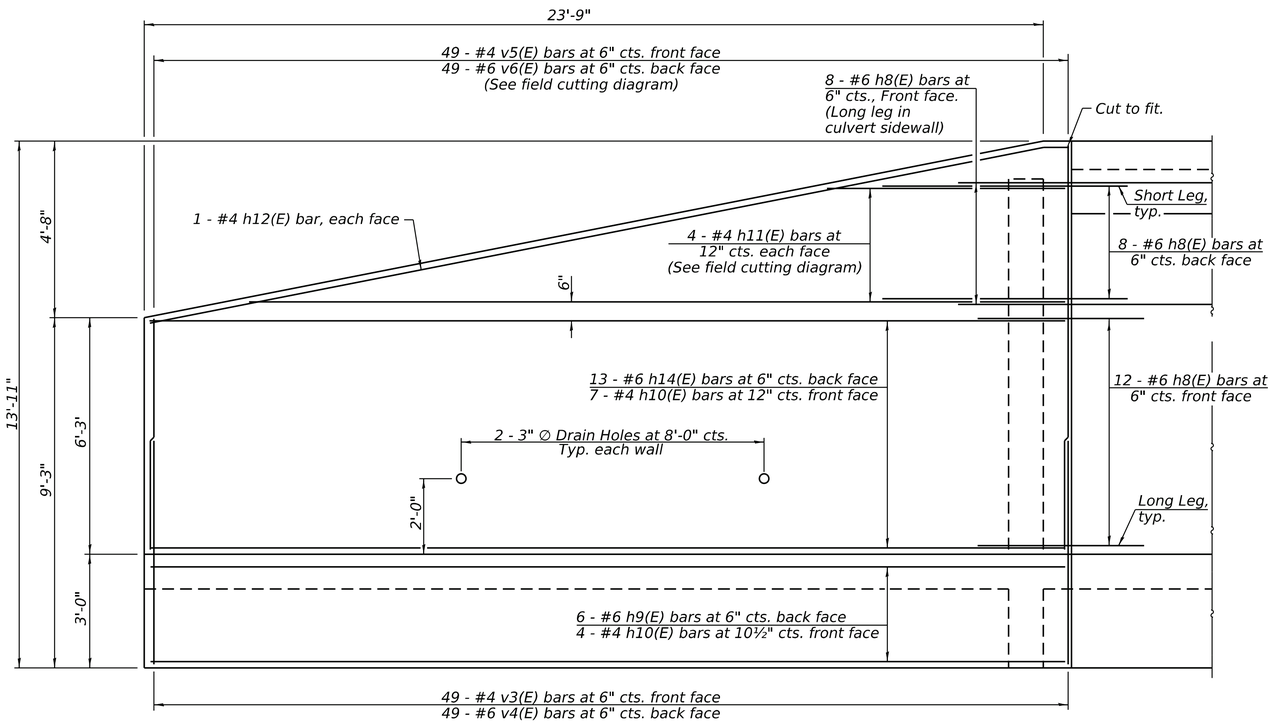
SHEET 6 OF 9 SHEETS

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
327A	17CR-1	MARION	51	31
		CONTRACT NO. 76M46		
	ILLINOIS	FED. AID PROJECT		

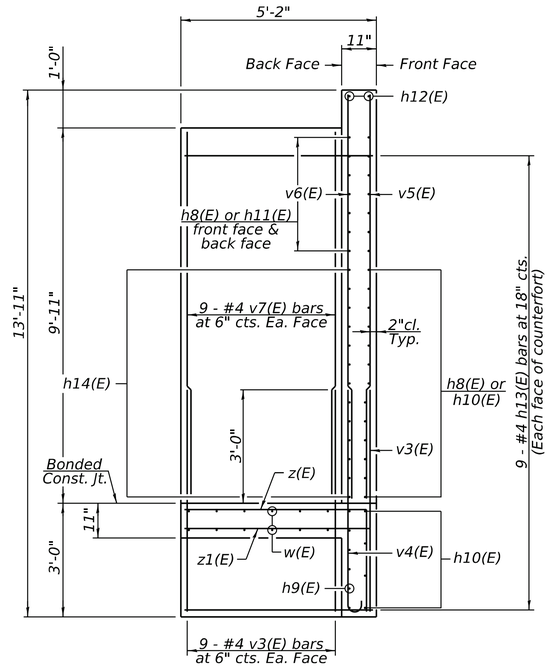


PLAN

(SW wingwall shown, NE wingwall similar by 180° Rotation)



ELEVATION



SECTION B-B

MODEL: 007
FILE NAME: \\sprfil-nasnip01.kleinfelder.com\SPRShare\0500\00526-IL_DOT_District_8\0528-00\04-0002_US_50_TSL_Marion_Co\CADD_Sheets\d876m4f6-06120129.dgn

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VEENSTRA & KIMM INC.
Springfield, IL. Phone: (217)544-8033
IL. Design Firm No. 184-001939

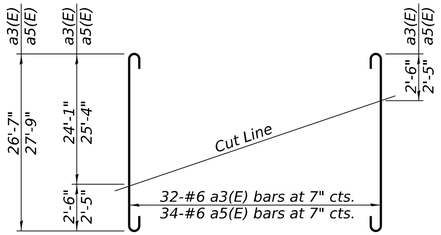
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	CHECKED - MAH	REVISED -	
PLOT SCALE =	DRAWN - JRP	REVISED -	
PLOT DATE = JULY 13th, 2026	CHECKED - MAH	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

L-TYPE TWO-WAY CANTILEVER WINGWALL
STRUCTURE NO. 061 - 2029

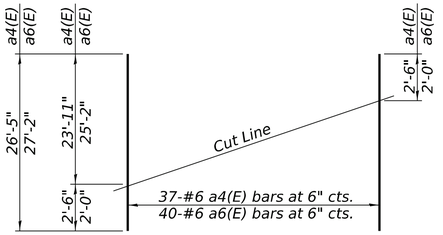
SHEET 7 OF 9 SHEETS

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
327A	17CR-1	MARION	51	32
		CONTRACT NO. 76M46		
	ILLINOIS	FED. AID PROJECT		



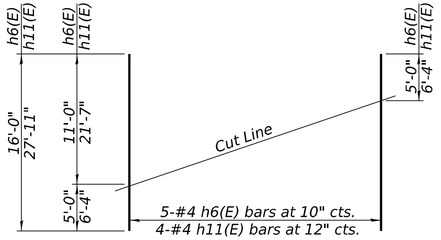
FIELD CUTTING DIAGRAM

Order bars shown full length. Cut as shown and use remainder of bars in opposite corner of slab.



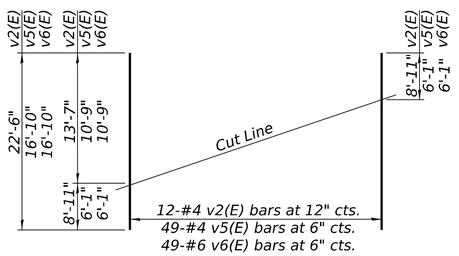
FIELD CUTTING DIAGRAM

Order bars shown full length. Cut as shown and use remainder of bars in opposite corner of slab.



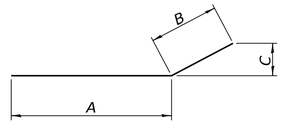
FIELD CUTTING DIAGRAM

Order bars shown full length. Cut as shown and use remainder of bars in opposite wing.



FIELD CUTTING DIAGRAM

Order bars shown full length. Cut as shown and use remainder of bars in opposite wing.

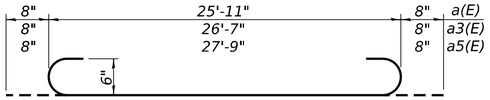


BARS h(E)

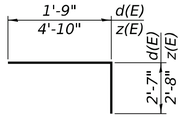
Bar	A	B	C
h3(E)	5'-0"	3'-0"	2'-8⅜"
h4(E)	11'-6"	3'-0"	2'-8⅜"
h8(E)	5'-0"	3'-0'	1'-3¼"
h9(E)	23'-10"	3'-0"	1'-3¼"
h14(E)	25'-3"	3'-0'	1'-3¼"

TOTAL BILL OF MATERIALS

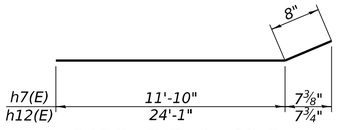
Unit	No.	Size	Length	Shape
a(E)	232	#6	27'-3"	
a1(E)	272	#6	25'-11"	
a2(E)	2	#4	33'-11"	
a3(E)	32	#6	27'-11"	
a4(E)	37	#6	26'-5"	
a5(E)	34	#6	29'-1"	
a6(E)	40	#6	27'-2"	
d(E)	52	#4	4'-4"	
h(E)	402	#5	31'-11"	
h1(E)	6	#7	31'-5"	
h2(E)	6	#9	31'-5"	
h3(E)	66	#7	8'-0"	
h4(E)	44	#7	14'-6"	
h5(E)	22	#4	10'-10"	
h6(E)	8	#4	16'-0"	
h7(E)	4	#4	12'-6"	
h8(E)	56	#6	8'-0"	
h9(E)	12	#6	26'-10"	
h10(E)	22	#4	24'-4"	
h11(E)	8	#4	27'-11"	
h12(E)	4	#4	24'-9"	
h13(E)	36	#4	4'-10"	
h14(E)	26	#6	28'-6"	
s(E)	32	#4	6'-7"	
s1(E)	32	#4	6'-5"	
t(E)	40	#4	4'-10"	
v(E)	467	#5	9'-4"	
v1(E)	467	#5	4'-6"	
v2(E)	24	#4	22'-6"	
v3(E)	134	#4	5'-10"	
v4(E)	98	#6	6'-6"	
v5(E)	49	#4	16'-10"	
v6(E)	49	#6	16'-10"	
v7(E)	36	#4	9'-7"	
w(E)	24	#5	36'-4"	
z(E)	92	#6	7'-6"	
z1(E)	92	#6	4'-10"	
Reinforcement Bars, Epoxy Coated			Pound	59,860
Concrete Box Culverts			Cu. Yd.	330.5



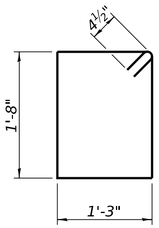
BARS a(E), a3(E), & a5(E)



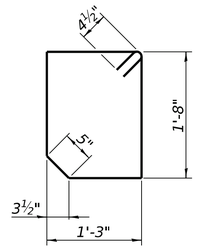
BARS d(E) & z(E)



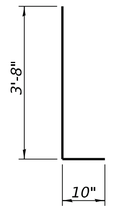
BARS h7(E) & h12(E)



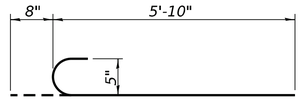
BAR s(E)



BAR s1(E)



BAR v1(E)



BAR v4(E)

MODEL: 008a
FILE NAME: \\spfil-rasnip01.kleinfelder.com\SPRShare\0500\0526-IL_DOT_District_8\0526-0004-0002_US_50_TSL_Marion_Co\CADD_Sheets\d876m46-06120229.dgn

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Springfield, IL. Phone: (217)544-8033
IL. Design Firm No. 184-001939

USER NAME =	DESIGNED - KES	REVISED -	
	CHECKED - MAH	REVISED -	
PLOT SCALE =	DRAWN - JRP	REVISED -	
PLOT DATE = JULY 13th, 2026	CHECKED - MAH	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CULVERT DETAILS
STRUCTURE NO. 061 - 2029
SHEET 8 OF 9 SHEETS

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
327A	17CR-1	MARION	51	33
		CONTRACT NO. 76M46		
	ILLINOIS	FED. AID PROJECT		

Illinois Department of Transportation
Division of Highways
Illinois Department of Transportation

SOIL BORING LOG

Date 2/27/23

ROUTE FAP 327A (US 50) DESCRIPTION US 50 at Trib. to Turkey Creek 1 mile east of Odin LOGGED BY KEG

SECTION 17CR-1 LOCATION SEC. , TWP. , RNG. , PM

COUNTY Marion DRILLING METHOD HSA HAMMER TYPE Auto

STRUCT. NO. 061-2008
Station 182+23.3

BORING NO. 1 North End
Station
Offset
Ground Surface Elev. ft529.899 ft

Surface Water Elev. ft
Stream Bed Elev. ft

Groundwater Elev.:
First Encounter 513.9 ft
Upon Completion ft
After n/a Hrs. n/a ft

	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
2" Asphalt 10" Concrete	528.9			
		14		
Gravel with some sand & silt		8	2.25	n/a
		3	P	
	526.4			
		1		
Gray Silt, soft		WH	0.39	n/a
	-5	2	B	
becomes soft to medium stiff	523.4	1		
		1	0.48	
		2	B	18
	521.4			
		WH		
Gray and Brown Silty Clay Loam with some gravel and pebbles		1	0.22	
	-10	1	B	21
	518.9			
		7		
Light Brown Silt, very soft, with coal pieces, pebbles		12	5.626	
		18	B	11
	516.4			
		7		
becomes Gray		11	5.758	
-	-15	15	B	11
	513.9 ▼			
		5		
hit groundwater medium stiff to stiff		7	3.93	
		11	B	12
		6		
	510.4	7	1.965	
med stiff	509.9 -20	7	B	12
med stiff to stiff		3		
		12	3.05	
		20	B	12
	506.9			
stiff		6		
		13	5.67	
	-25	17	B	11
very stiff	503.4	13		
		18	8.554	
		19	B	10
	501.9			
stiff		4		
		11	4.536	
	499.9 -30	30	B	12
END OF BORING				
	-35			
	-40			

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

BBS, from 137 (Rev. 8-99)

Illinois Department of Transportation
Division of Highways
Illinois Department of Transportation

SOIL BORING LOG

Date 2/28/23

ROUTE FAP 327A (US 50) DESCRIPTION US 50 at Trib. to Turkey Creek 1 mile east of Odin LOGGED BY KEG

SECTION 17CR-1 LOCATION SEC. , TWP. , RNG. , PM

COUNTY Marion DRILLING METHOD HSA HAMMER TYPE Auto

STRUCT. NO. 061-2008
Station 182+23.3

BORING NO. 2 South End
Station
Offset
Ground Surface Elev. ft529.834 ft

Surface Water Elev. ft
Stream Bed Elev. ft

Groundwater Elev.:
First Encounter 506.3 ft
Upon Completion ft
After n/a Hrs. n/a ft

	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
2" Asphalt 10" Concrete	528.8			
		11		
Gray & brown Silt, soft w/ loose gravel		7	3.5	
		4	P	7
	526.3			
		3		
becomes dark gray, soft to med dense w/ gravel & coal pieces		6	3.5	
	-5	6	B	15
		2		
		3	2.18	
		5	B	17
	521.3			
		1		
light brown & gray Silty Clay, soft to med stiff, w/ pebbles		1	0.79	
	-10	4	B	20
	518.8			
		15		
light brown Silt, soft to med stiff w/ pebbles	517.8	48	0.75	
		43	P	10
5" sand, light brown, dense coarse	516.3			
		4		
Gray Silt, very stiff w/ pebbles		10	5.45	
	-15	10	B	28
		4		
		8	5.24	
		11	B	11
		3		
		6	3.49	
	-20	11	B	12
Gray Silt, very stiff w/ pebbles *(continued)*	508.8			
		14		
Gray Sand, very dense, fine		31	-	
		42		15
	▼			
	505.6	19		
		12	6.33	
	-25	13	B	11
Gray Sily, very stiff w/ peebles (7.5" of sample) hit ground water		4		
	502.8	9	4.8	
		13	B	11
w/ gravel & green spots		10		
		12	5.196	
	499.8 -30	15	B	11
END OF BORING				
	-35			
	-40			

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

BBS, from 137 (Rev. 8-99)

MODEL: 009
FILE NAME: \\spfil-rasnip01.kleinfelder.com\SPRShare\0500\0526-IL_DOT_District_8\0526-0004-0002_US_50_TSL_Marion_Co\CADD_Sheets\d876n46-0612029.dgn

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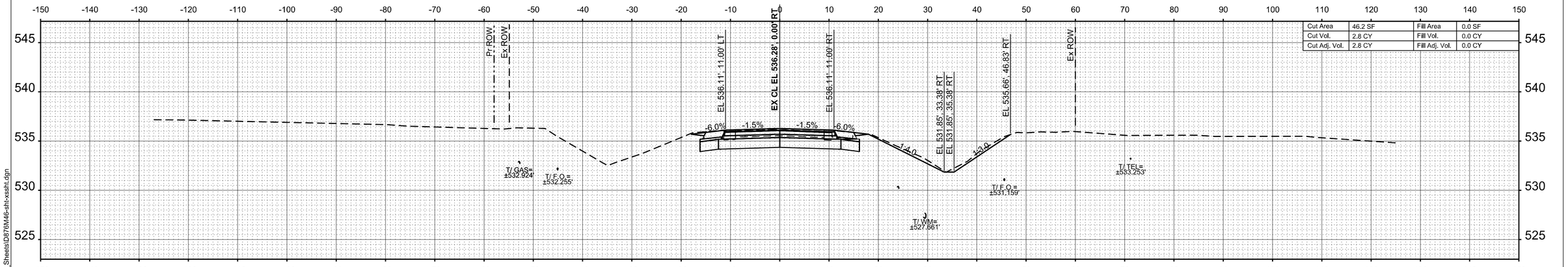
VEENSTRA & KIMM INC.
Springfield, IL. Phone: (217)544-8033
IL. Design Firm No. 184-001939

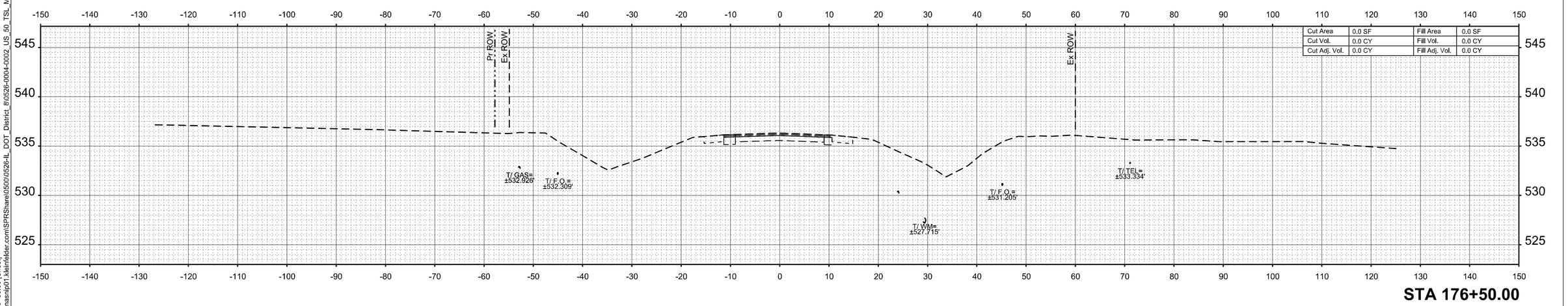
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

BORING LOGS
STRUCTURE NO. 061 - 2029
SHEET 9 OF 9 SHEETS

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
327A	17CR-1	MARION	51	34
		CONTRACT NO. 76M46		
	ILLINOIS	FED. AID PROJECT		





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VEENSTRA & KIMM INC.
A Kleinfelder Company

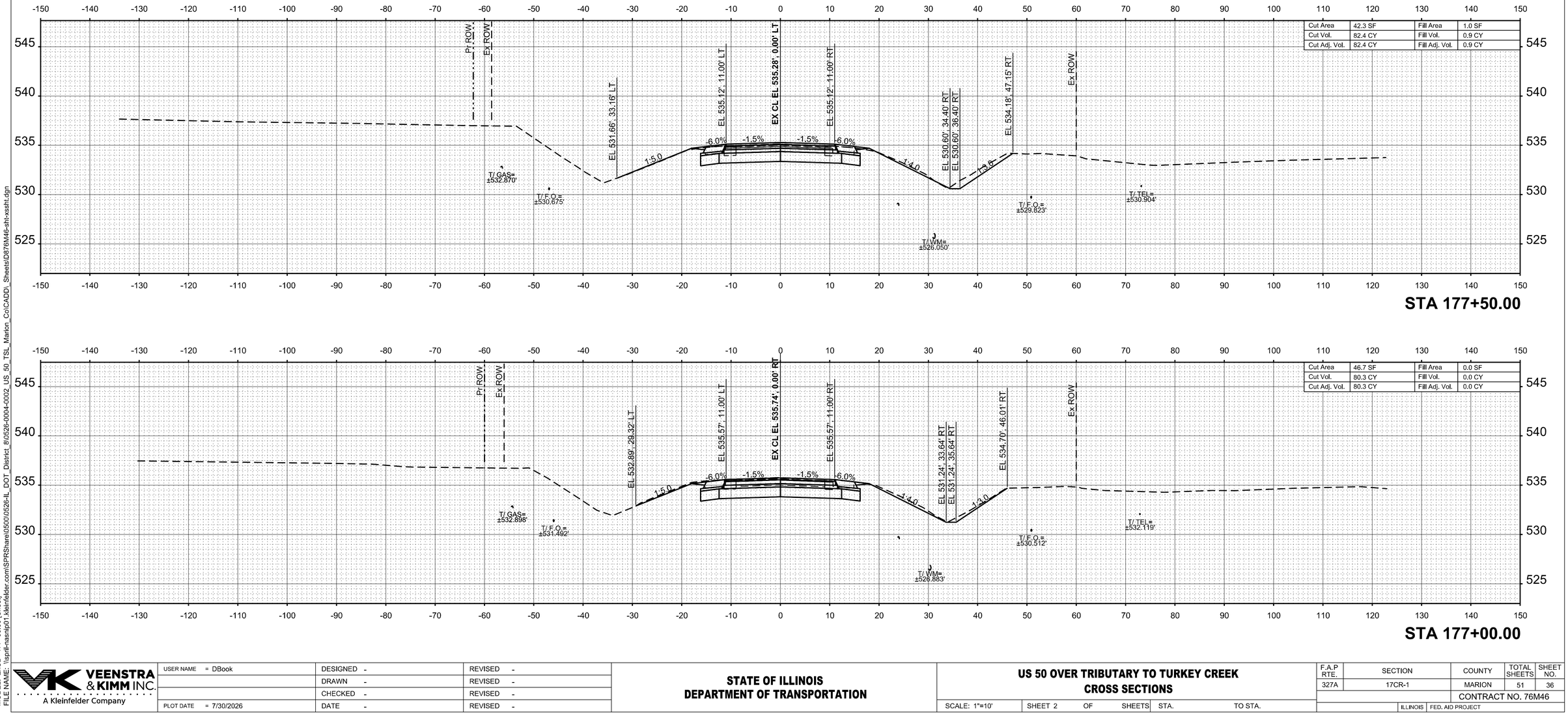
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

US 50 OVER TRIBUTARY TO TURKEY CREEK
CROSS SECTIONS

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

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
327A	17CR-1	MARION	51	35
		CONTRACT NO. 76M46		
		ILLINOIS	FED. AID PROJECT	



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VEENSTRA & KIMM INC.
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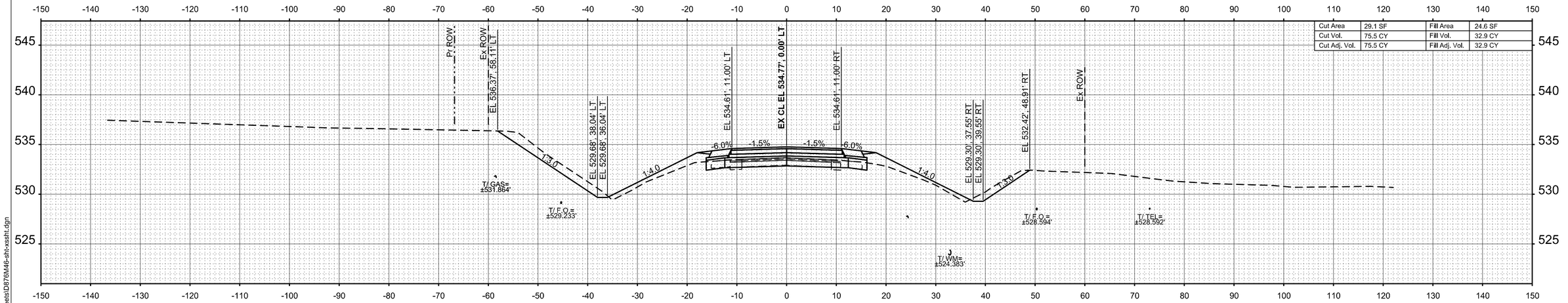
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

US 50 OVER TRIBUTARY TO TURKEY CREEK
CROSS SECTIONS

SCALE: 1"=10' | SHEET 2 OF SHEETS | STA. | TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
327A	17CR-1	MARION	51	36
		CONTRACT NO. 76M46		
		ILLINOIS	FED. AID PROJECT	



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VEENSTRA & KIMM INC.
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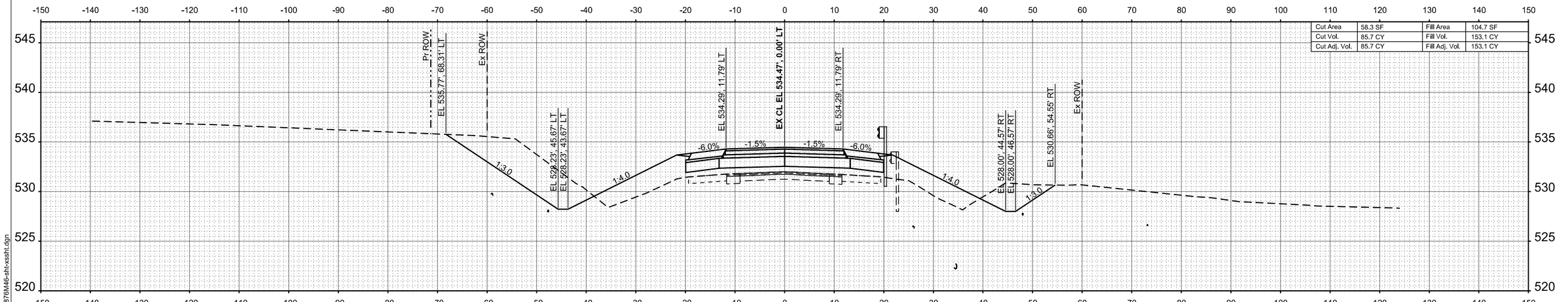
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

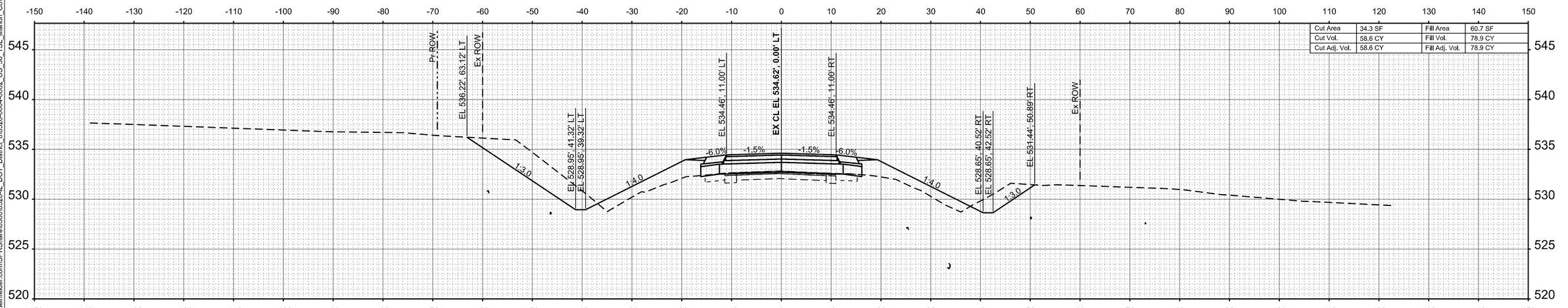
US 50 OVER TRIBUTARY TO TURKEY CREEK
CROSS SECTIONS

SCALE: 1"=10' | SHEET 3 OF SHEETS | STA. | TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
327A	17CR-1	MARION	51	37
		CONTRACT NO. 76M46		
		ILLINOIS	FED. AID PROJECT	



STA 179+50.00



STA 179+00.00

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VEENSTRA & KIMM INC.
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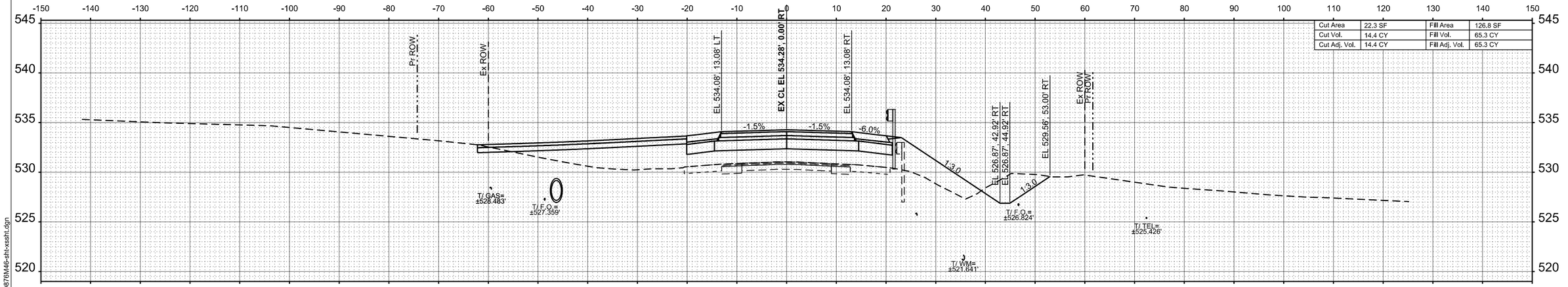
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

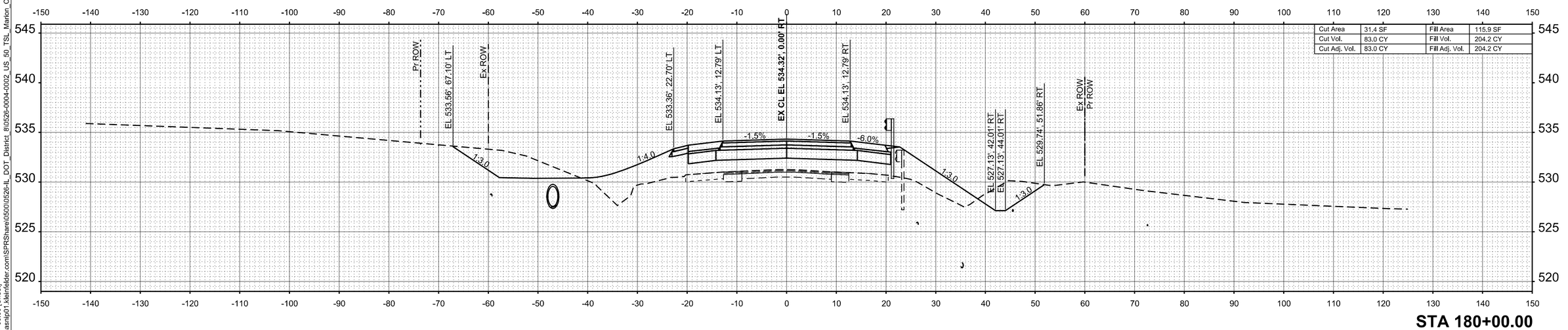
US 50 OVER TRIBUTARY TO TURKEY CREEK
CROSS SECTIONS

SCALE: 1"=10' | SHEET 4 OF SHEETS | STA. | TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
327A	17CR-1	MARION	51	38
		CONTRACT NO. 76M46		
	ILLINOIS	FED. AID PROJECT		



STA 180+14.52



STA 180+00.00

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VEENSTRA & KIMM INC.
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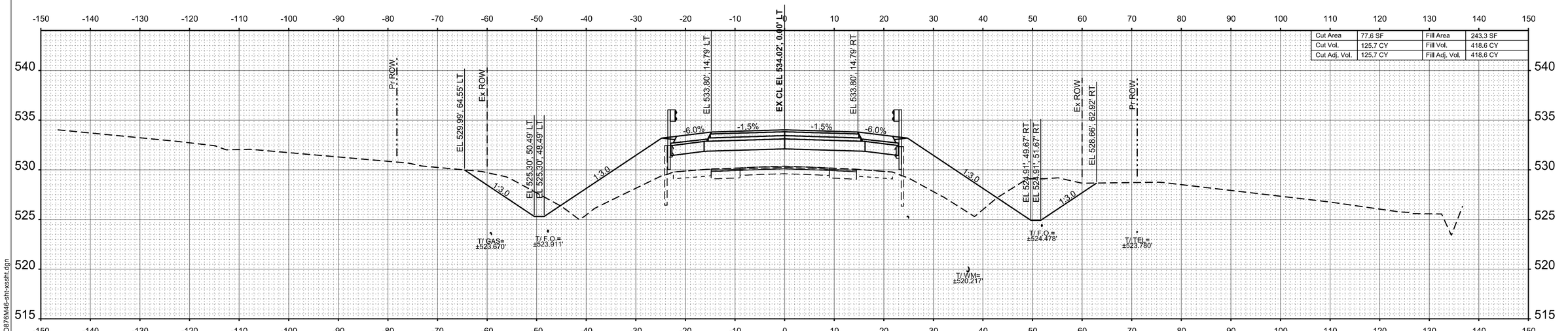
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PLOT DATE = 7/30/2026	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

US 50 OVER TRIBUTARY TO TURKEY CREEK
CROSS SECTIONS

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

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
327A	17CR-1	MARION	51	39
		CONTRACT NO. 76M46		
		ILLINOIS	FED. AID PROJECT	



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VEENSTRA & KIMM INC.
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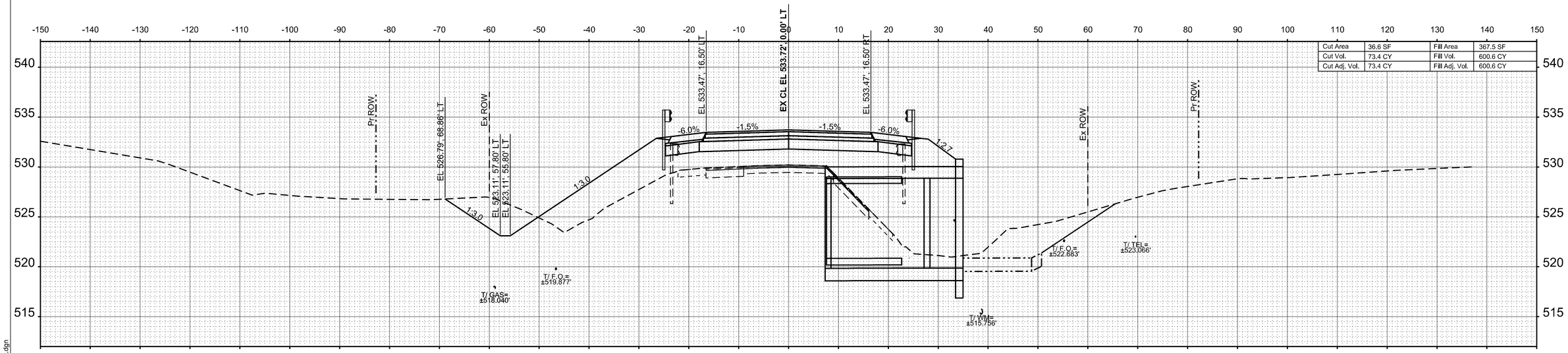
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

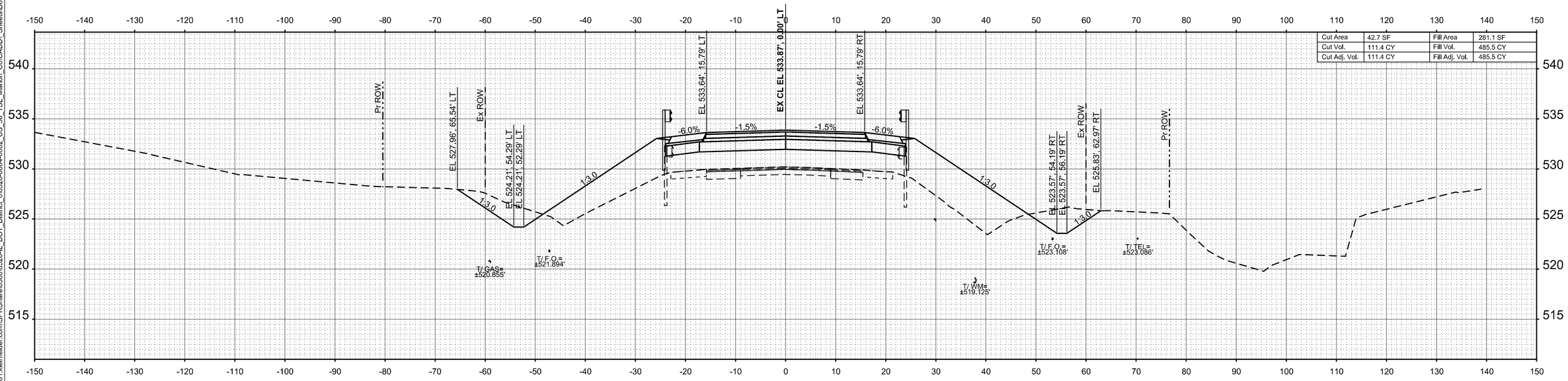
US 50 OVER TRIBUTARY TO TURKEY CREEK
CROSS SECTIONS

SCALE: 1"=10' | SHEET 6 OF SHEETS | STA. | TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
327A	17CR-1	MARION	51	40
		CONTRACT NO. 76M46		
	ILLINOIS	FED. AID PROJECT		



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VEENSTRA & KIMM INC.
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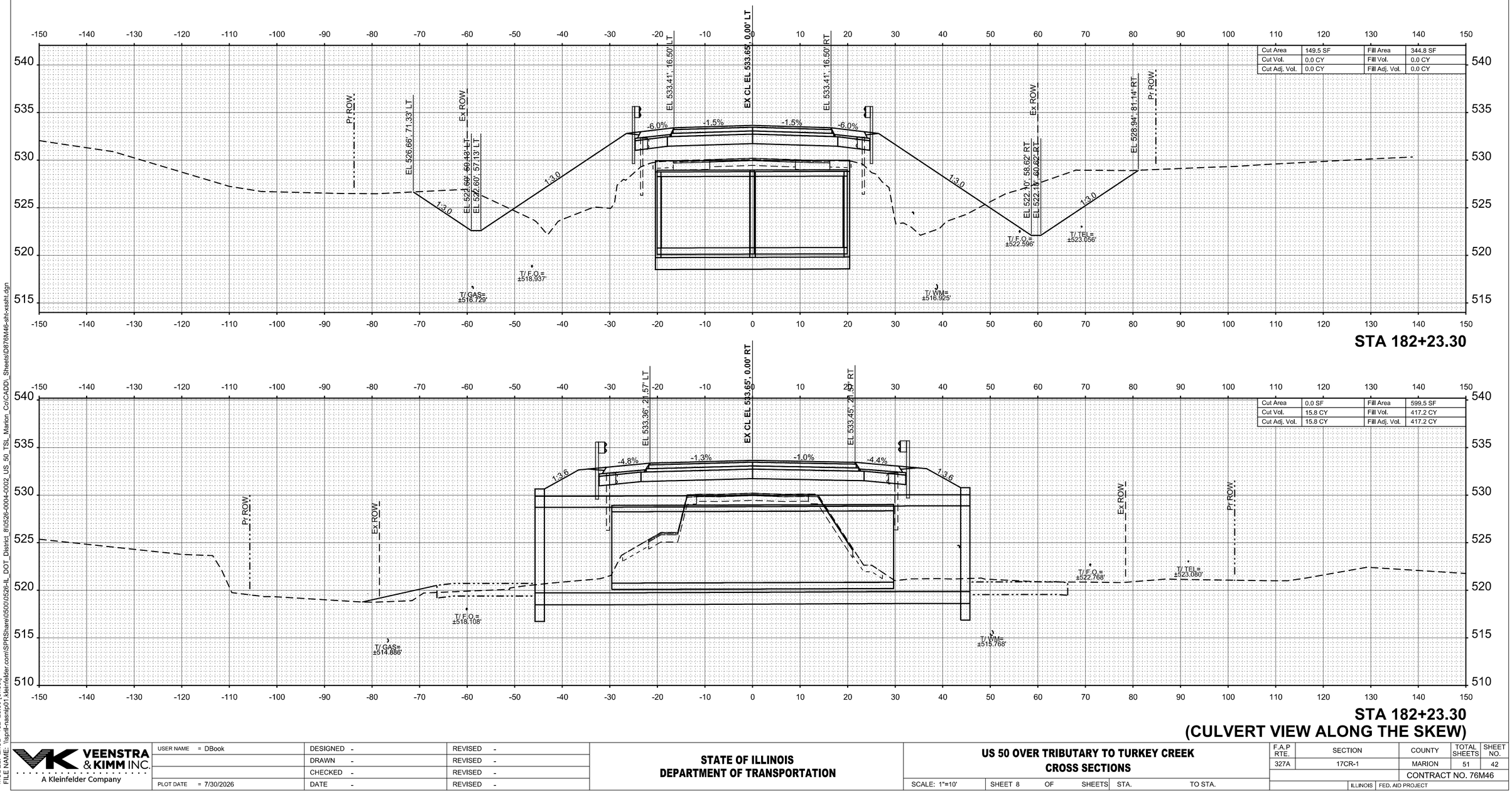
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

US 50 OVER TRIBUTARY TO TURKEY CREEK
CROSS SECTIONS

SCALE: 1"=10' | SHEET 7 OF SHEETS | STA. | TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
327A	17CR-1	MARION	51	41
		CONTRACT NO. 76M46		
	ILLINOIS	FED. AID PROJECT		



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VEENSTRA & KIMM INC.
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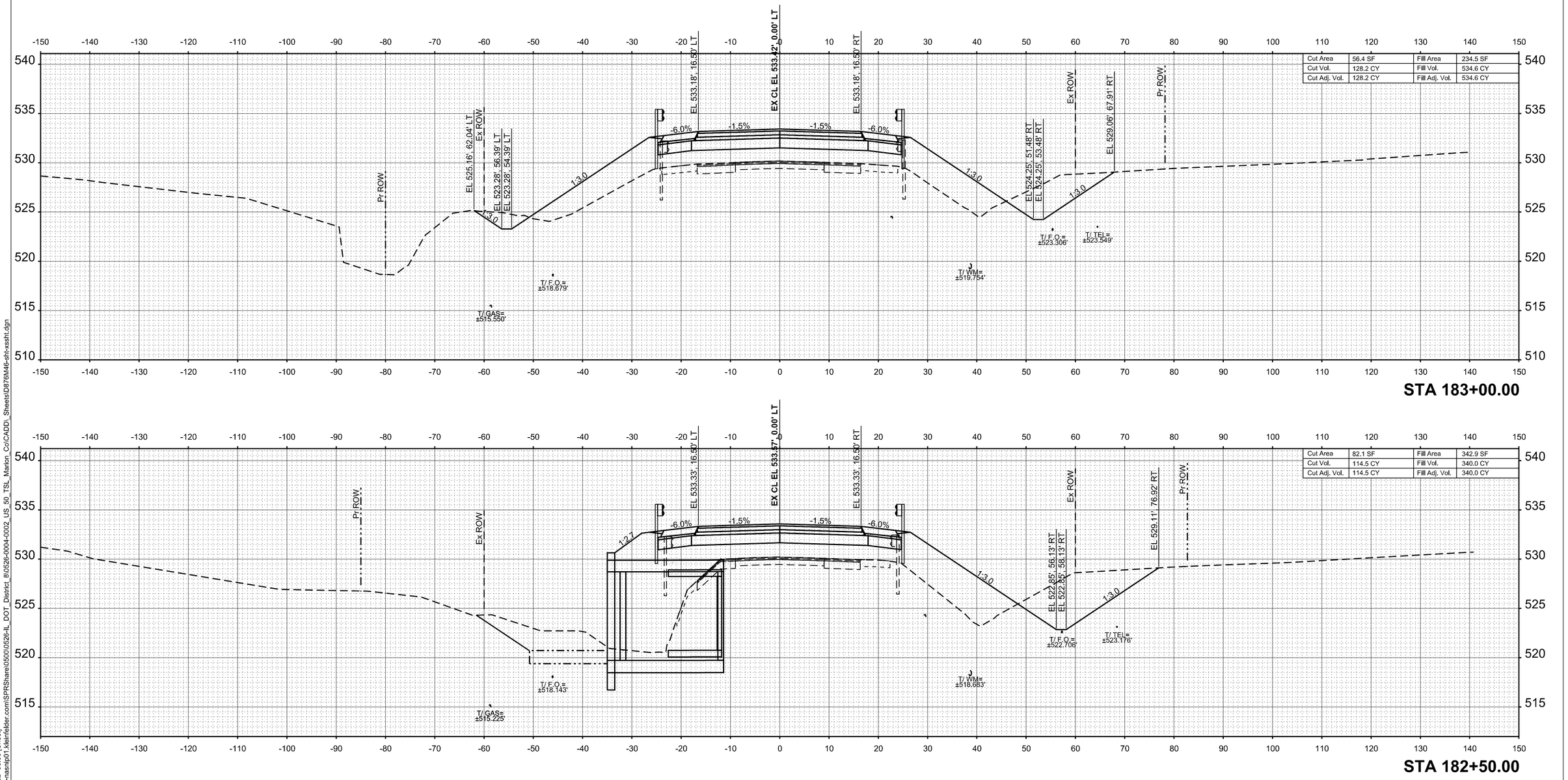
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PLOT DATE = 7/30/2026	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

US 50 OVER TRIBUTARY TO TURKEY CREEK
CROSS SECTIONS

SCALE: 1"=10' | SHEET 8 OF SHEETS | STA. | TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
327A	17CR-1	MARION	51	42
		CONTRACT NO. 76M46		
		ILLINOIS	FED. AID PROJECT	



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VEENSTRA & KIMM INC.
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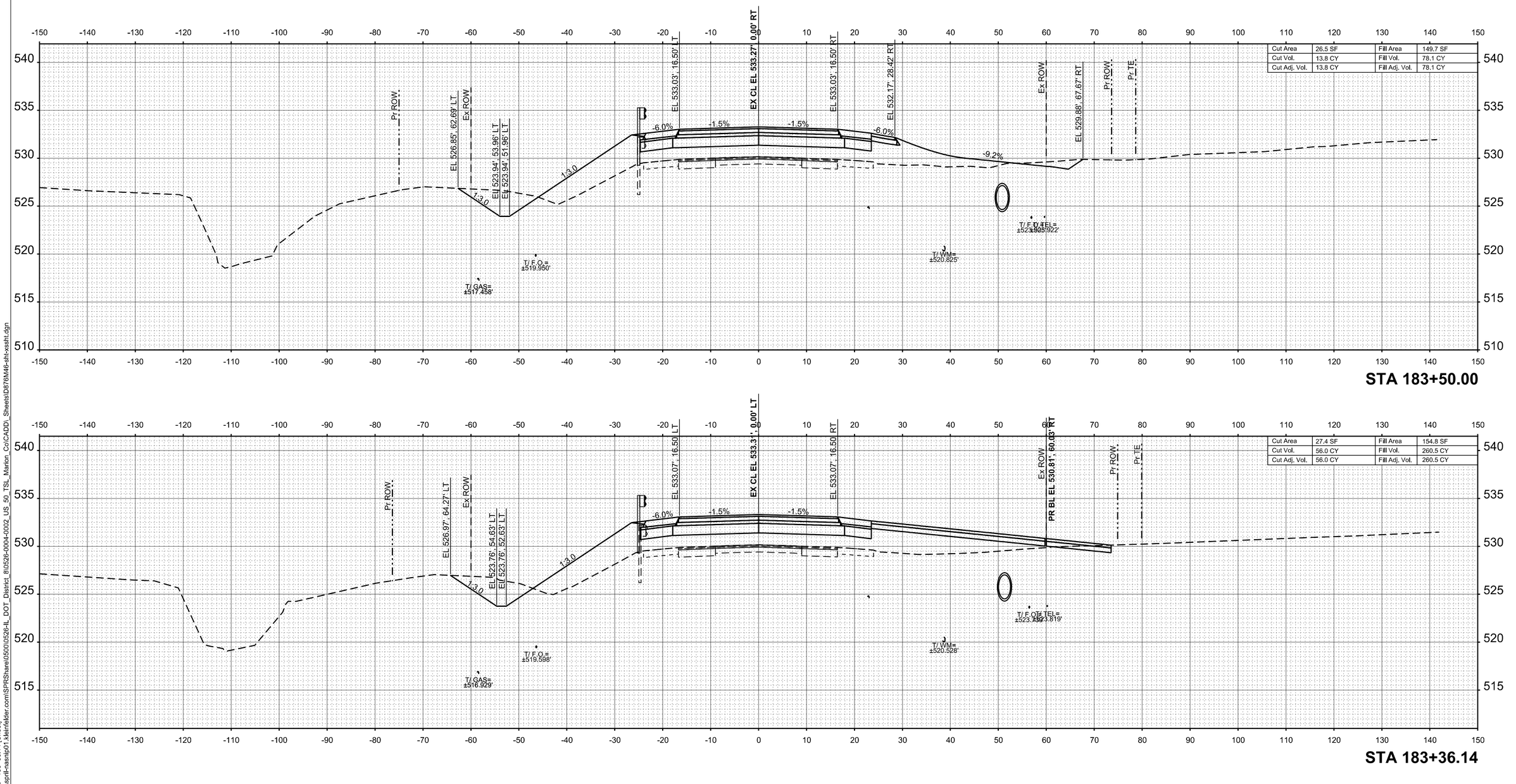
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PLOT DATE = 7/30/2026	DATE -	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

US 50 OVER TRIBUTARY TO TURKEY CREEK
CROSS SECTIONS

SCALE: 1"=10' | SHEET 9 OF SHEETS | STA. | TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
327A	17CR-1	MARION	51	43
		CONTRACT NO. 76M46		
		ILLINOIS	FED. AID PROJECT	



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VEENSTRA & KIMM INC.
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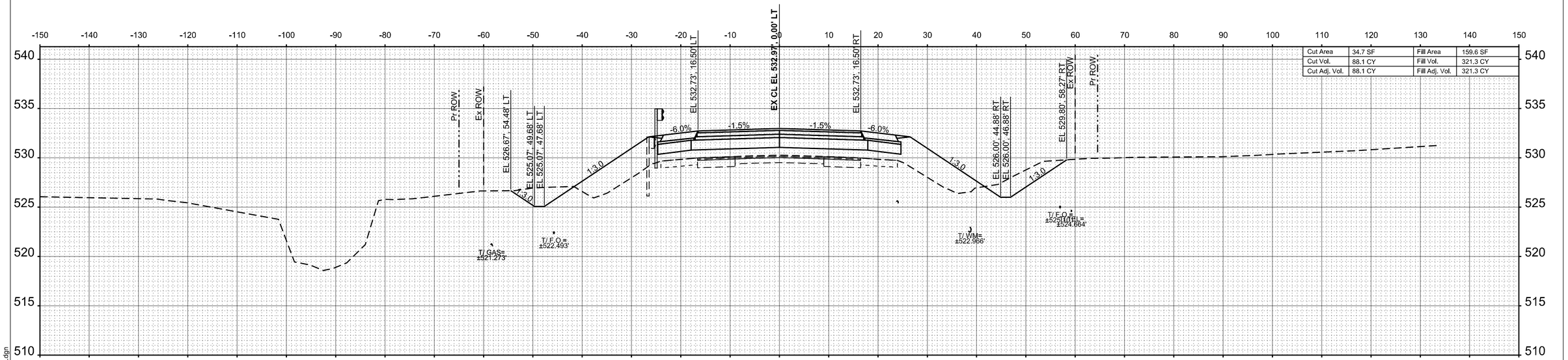
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

US 50 OVER TRIBUTARY TO TURKEY CREEK
CROSS SECTIONS

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

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
327A	17CR-1	MARION	51	44
		CONTRACT NO. 76M46		
		ILLINOIS	FED. AID PROJECT	



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VEENSTRA & KIMM INC.
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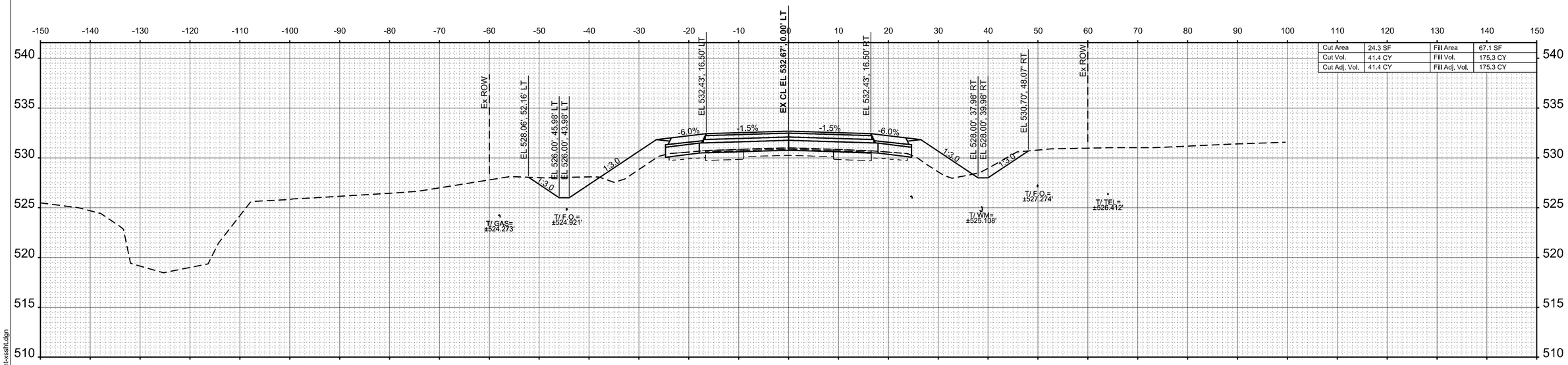
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

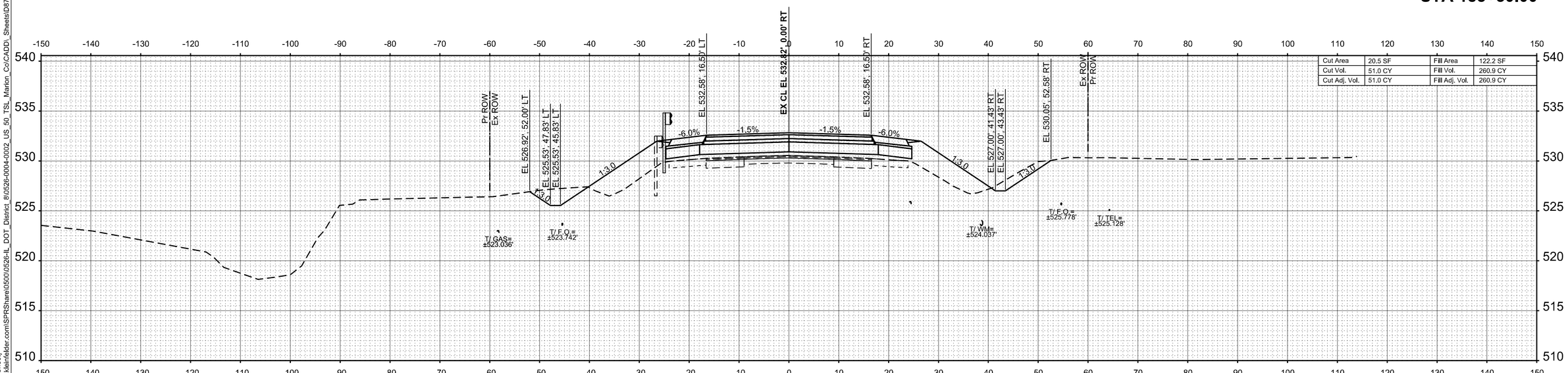
US 50 OVER TRIBUTARY TO TURKEY CREEK
CROSS SECTIONS

SCALE: 1"=10' | SHEET 11 OF SHEETS | STA. | TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
327A	17CR-1	MARION	51	45
		CONTRACT NO. 76M46		
		ILLINOIS	FED. AID PROJECT	



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STA 185+00.00

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VEENSTRA & KIMM INC.
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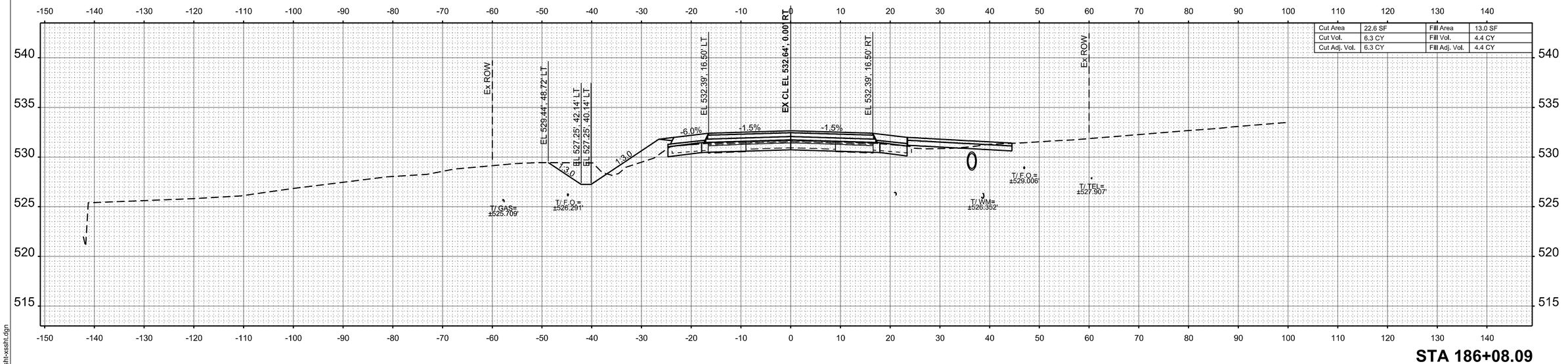
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

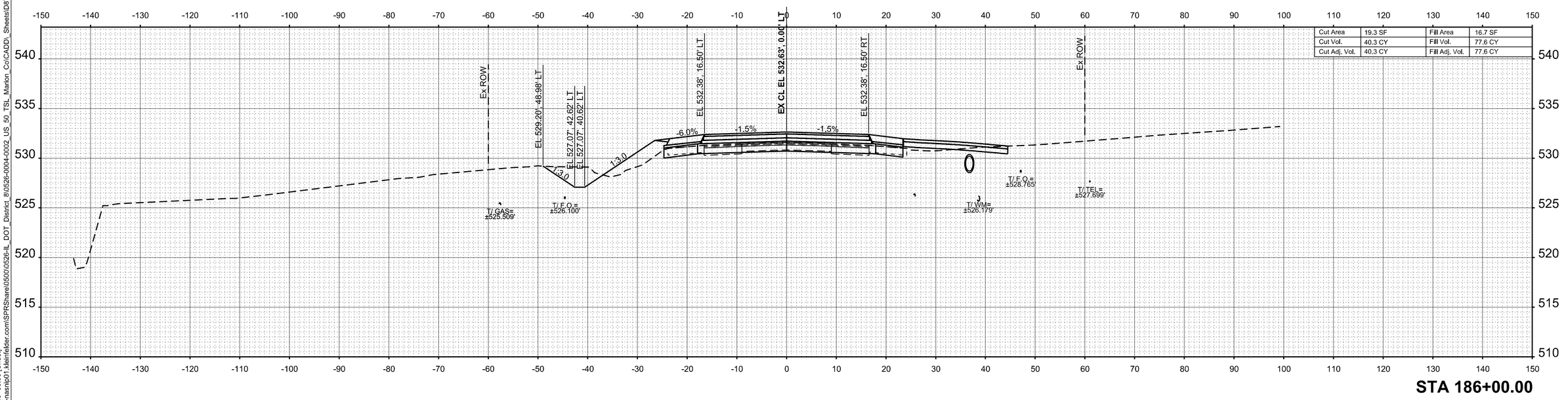
US 50 OVER TRIBUTARY TO TURKEY CREEK
CROSS SECTIONS

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

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
327A	17CR-1	MARION	51	46
		CONTRACT NO. 76M46		
		ILLINOIS	FED. AID PROJECT	



STA 186+08.09



STA 186+00.00

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VEENSTRA & KIMM INC.
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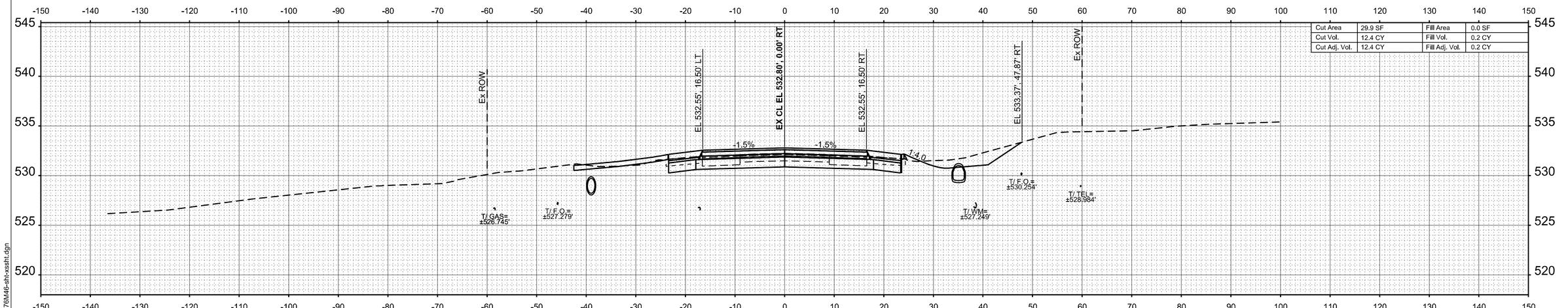
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

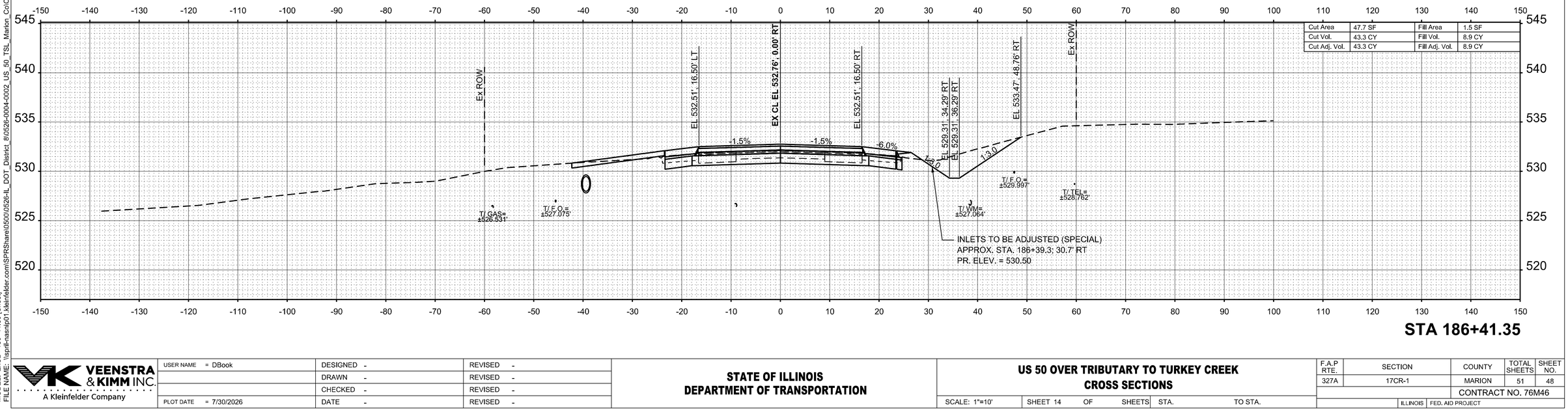
US 50 OVER TRIBUTARY TO TURKEY CREEK
CROSS SECTIONS

SCALE: 1"=10' | SHEET 13 OF SHEETS | STA. | TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
327A	17CR-1	MARION	51	47
		CONTRACT NO. 76M46		
		ILLINOIS	FED. AID PROJECT	



STA 186+50.00



STA 186+41.35

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VEENSTRA & KIMM INC.
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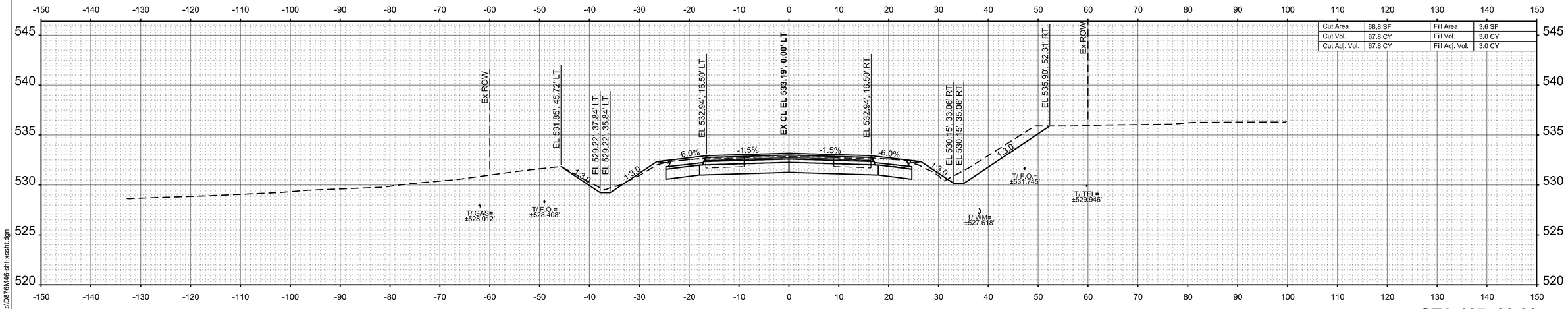
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

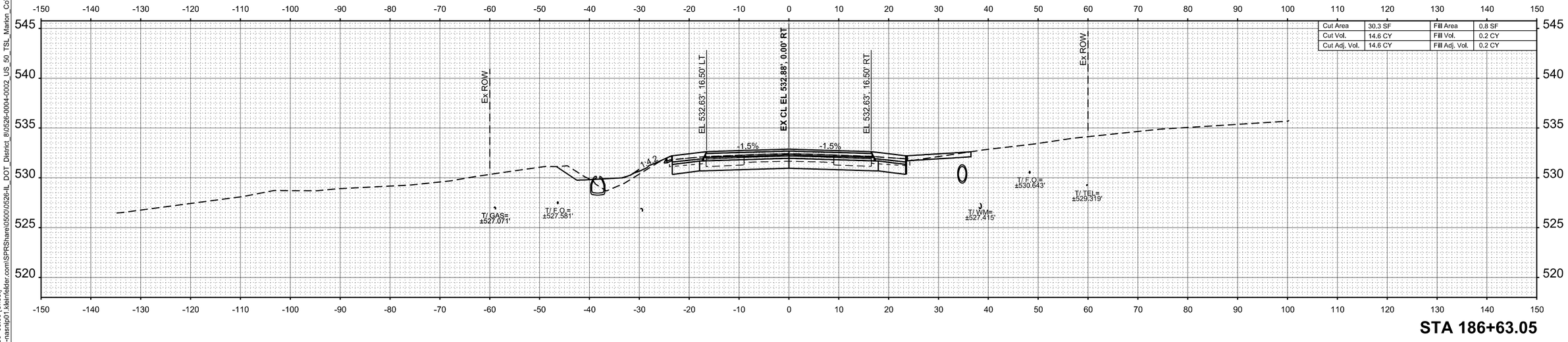
US 50 OVER TRIBUTARY TO TURKEY CREEK
CROSS SECTIONS

SCALE: 1"=10' | SHEET 14 OF SHEETS | STA. | TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
327A	17CR-1	MARION	51	48
		CONTRACT NO. 76M46		
	ILLINOIS	FED. AID PROJECT		



STA 187+00.00



STA 186+63.05

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VEENSTRA & KIMM INC.
A Kleinfelder Company

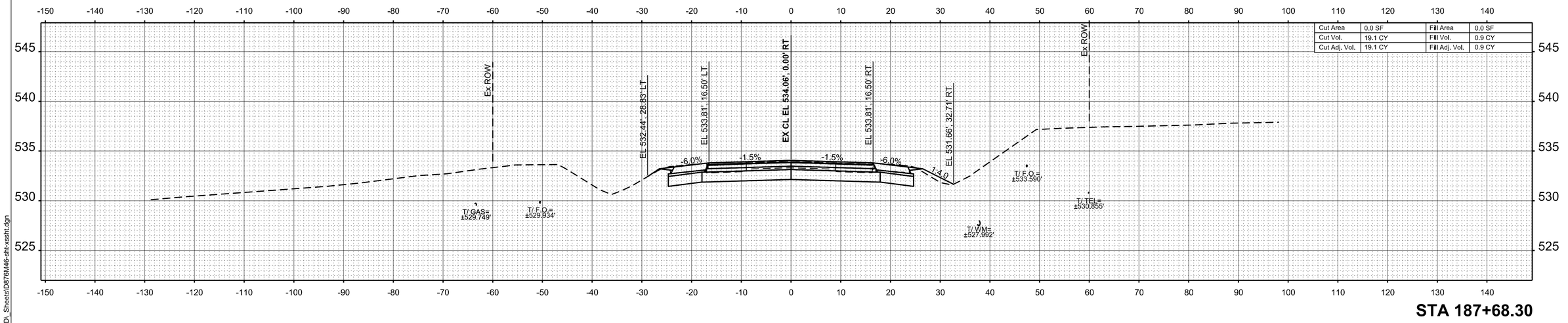
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

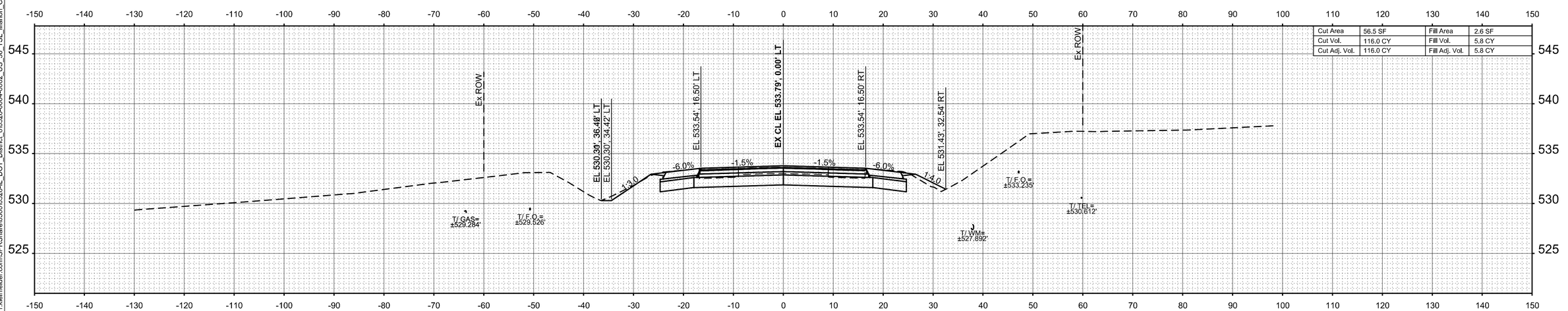
US 50 OVER TRIBUTARY TO TURKEY CREEK
CROSS SECTIONS

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

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
327A	17CR-1	MARION	51	49
		CONTRACT NO. 76M46		
		ILLINOIS	FED. AID PROJECT	



STA 187+68.30



STA 187+50.00

MODEL: ExCL - 187+50.00 [Sheet]
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VEENSTRA & KIMM INC.
A Kleinfelder Company

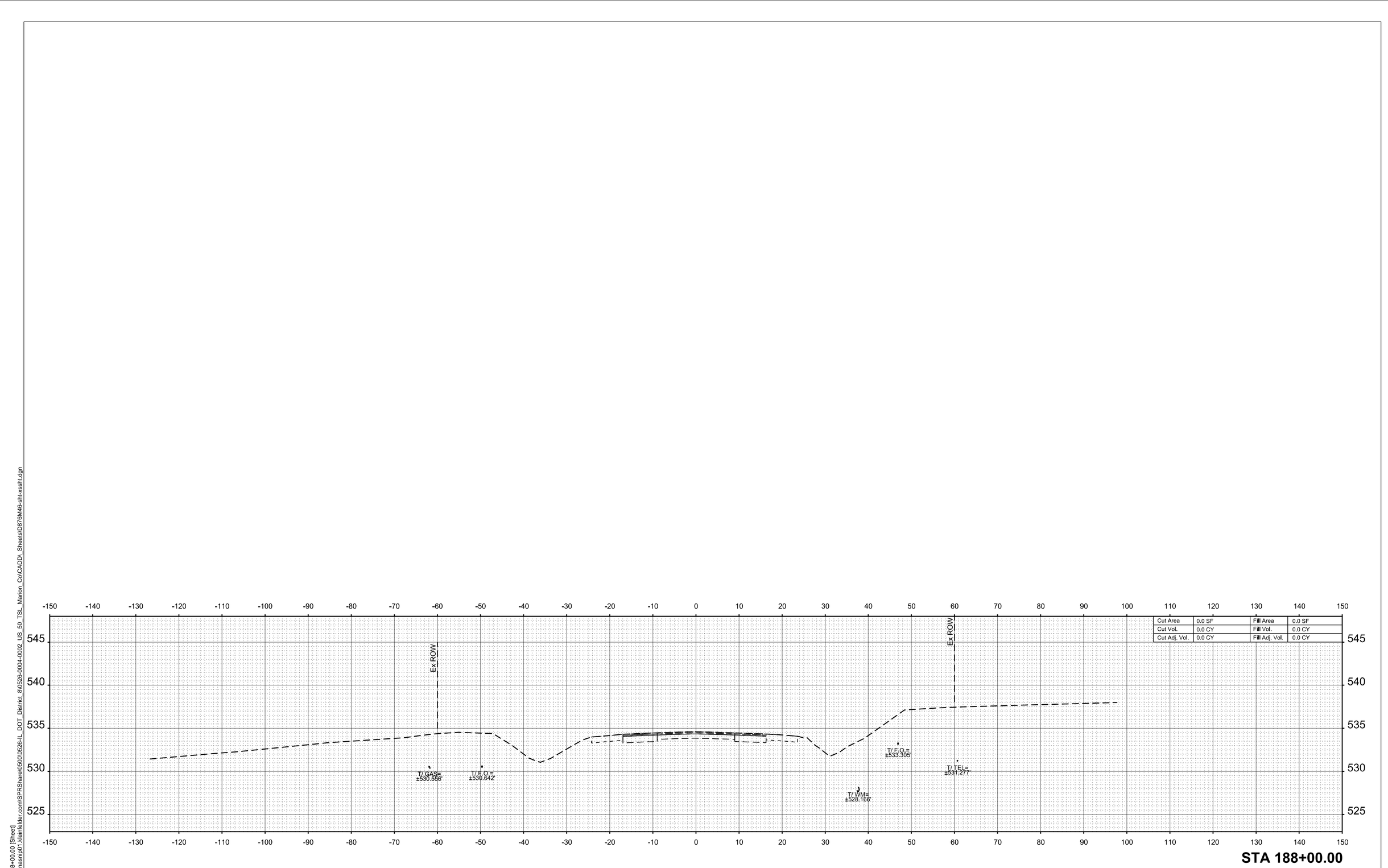
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PLOT DATE = 7/30/2026	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

US 50 OVER TRIBUTARY TO TURKEY CREEK
CROSS SECTIONS

SCALE: 1"=10' | SHEET 16 OF SHEETS | STA. | TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
327A	17CR-1	MARION	51	50
		CONTRACT NO. 76M46		
	ILLINOIS	FED. AID PROJECT		



STA 188+00.00

MODEL: ExCL - 188+00.00 [Sheet]
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