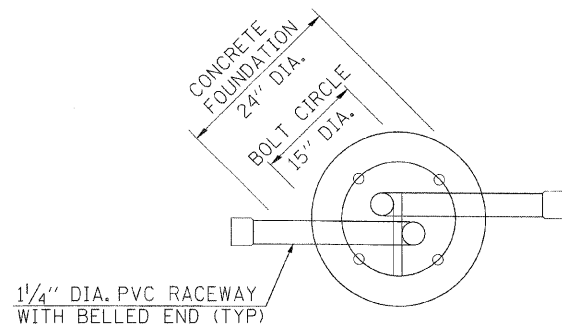




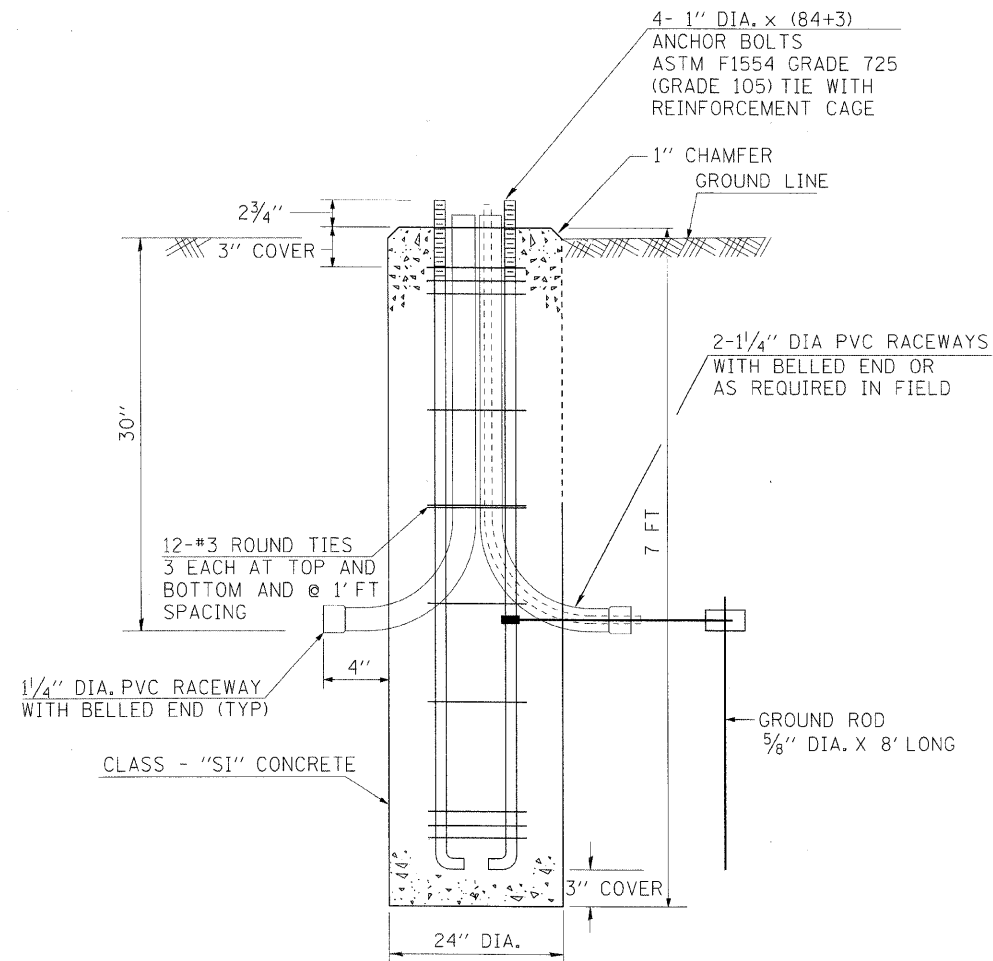
F.A.--- RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1503	08-00260-01-PV	KANE	176	102

FOUNDATION DESIGN TABLE

TYPE OF SOIL	DESIGN DEPTH OF FOUNDATION		REINFORCEMENT IN FOUNDATION			
	SINGLE ARM D	TWIN ARM D	SINGLE ARM		TWIN ARM	
			VERT BARS	SPIRAL	VERT BARS	SPIRAL
SOFT CLAY	3.962 m (13'-0")	4.572 m (15'-0")	8-#6x3.810 m (12'-0")	#3x37.186 m (122')	8-#6x4.343 m (14'-3")	#3x42.977 m (141')
MEDIUM CLAY	2.896 m (9'-6")	3.277 m (10'-9")	8-#6x2.743 m (9'-0")	#3x27.432 m (90')	8-#6x3.048 m (10'-0")	#3x30.480 m (100')
STIFF CLAY	2.134 m (7'-0")	2.438 m (8'-0")	8-#6x1.981 m (6'-6")	#3x20.112 m (66')	8-#6x2.286 m (17'-6")	#3x23.165 m (76')
LOOSE SAND	2.743 m (9'-0")	3.048 m (10'-0")	8-#6x2.591 m (8'-6")	#3x25.908 m (85')	8-#6x2.896 m (9'-6")	#3x28.651 m (94')
MEDIUM SAND	2.515 m (8'-3")	2.743 m (9'-0")	8-#6x2.438 m (8'-0")	#3x23.774 m (78')	8-#6x2.591 m (8'-6")	#3x25.908 m (85')
DENSE SAND	2.362 m (7'-9")	2.743 m (9'-0")	8-#6x2.286 m (7'-6")	#3x22.250 m (73')	8-#6x2.591 m (8'-6")	#3x25.908 m (85')
ROCK OR SOLIDIFIED SLAG	1.524 m (5'-0")	1.524 m (5'-0")	NONE	NONE	NONE	NONE



TOP VIEW



FOUNDATION DETAIL

NOTES: FOUNDATION

1. THE ENGINEER SHALL DETERMINE THE CLASS OF SOIL DURING EXCAVATION AND SELECT THE DESIGN DEPTH OF FOUNDATION FROM THE DESIGN TABLE.
2. THE DESIGN DEPTH "D" OF FOUNDATION SHALL BE ACCORDING TO FIELD CONDITIONS.
3. EXCAVATION OF THE POLE FOUNDATION SHALL BE MADE WITH AN AUGER 24" IN DIAMETER.
4. THE CONTRACTOR SHALL USE #3 SPIRAL AT 6" PITCH OR AT HIS OPTION MAY SUBSTITUTE #3 TIES AT 12" O.C.
5. THE ANCHOR BOLTS TIED WITH RACEWAYS AND TIES SHALL BE PROPERLY SECURED IN PLACE BEFORE THE CONCRETE IS PLACED IN THE FORM.
6. CONCRETE SHALL BE CLASS "SI". CONCRETE FOUNDATION MUST BE CURED FOR (10) TEN DAYS BEFORE THE LIGHT STANDARD IS ERECTED.
7. THE CABLE TRENCH SHALL BE BACKFILLED AND FIRMLY COMPACTED BEFORE THE LIGHT POLE IS ERECTED.
8. RACEWAYS SHALL PROJECT 1" ABOVE THE TOP OF THE FOUNDATION.
9. THE CONTRACTOR SHALL COORDINATE EXTENSION OF ANCHOR BOLTS ABOVE THE TOP OF THE FOUNDATION WITH THE BREAKAWAY DEVICE MANUFACTURER'S REQUIREMENTS.



**Sunjoy Inc.**  
Area Lighting  
212 TIMBERCREST DRIVE  
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60193-1572

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**CITY OF AURORA, KANE COUNTY**  
**INDIAN TRAIL ROAD**

**LIGHT POLE, FOUNDATION 24" DIA.**

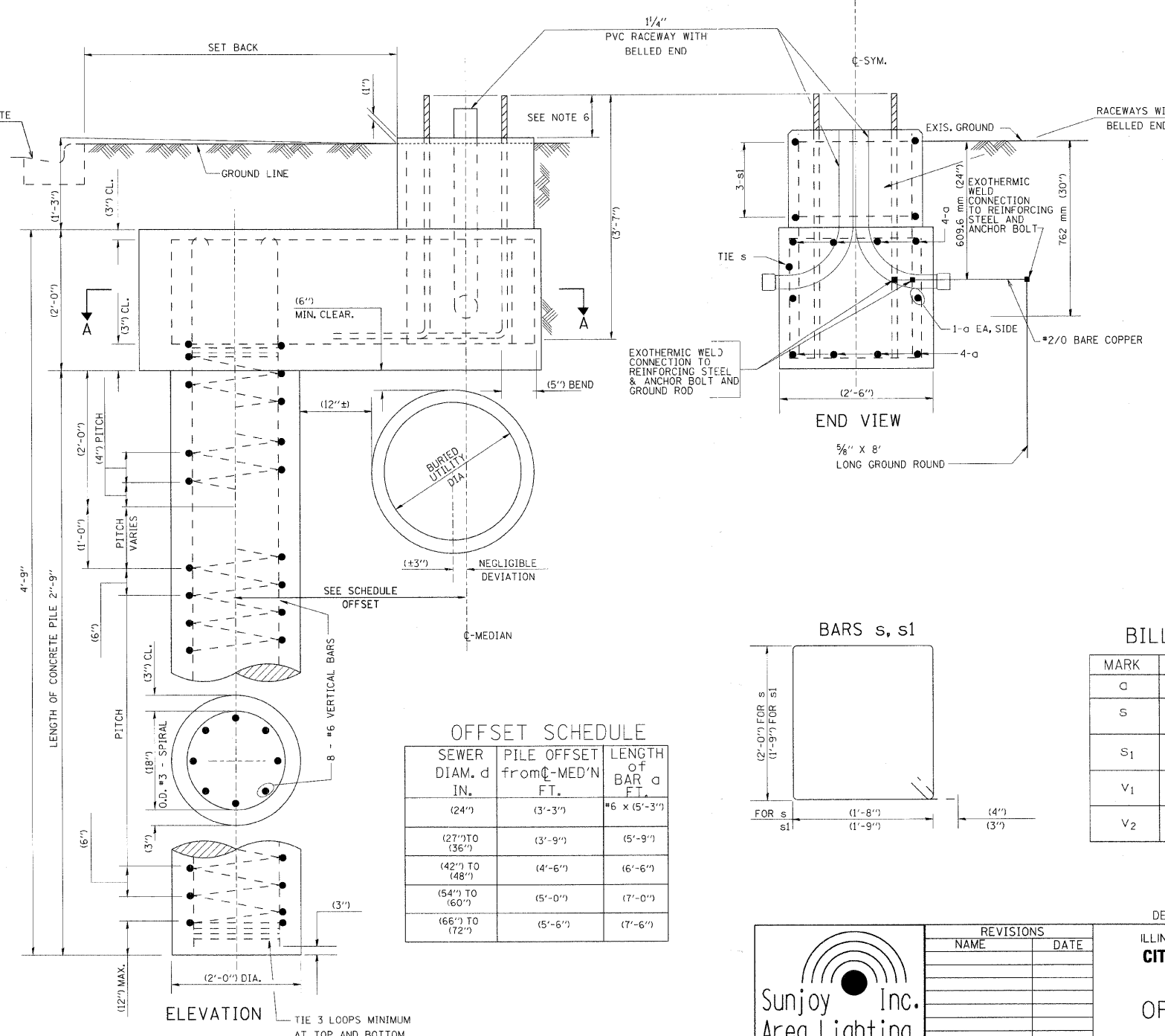
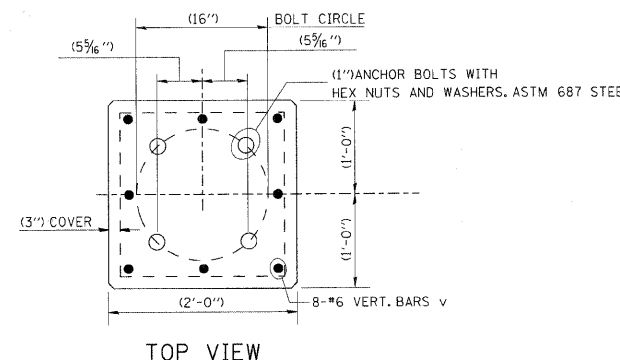
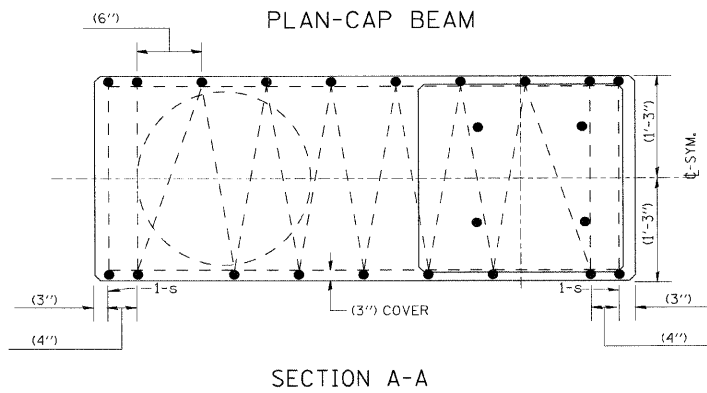
SCALE: NONE  
DATE: 06-03-08

DRAWN BY: HKQ  
CHECKED BY: JS

P.A. NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1503	08-00260-01-PV	KANE	176	103
STA.	TO STA.			
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT		

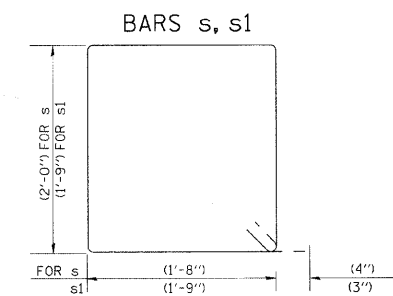
FOUNDATION DESIGN TABLE

TYPE OF SOIL	DESIGN DEPTH OF FOUNDATION		REINFORCEMENT IN FOUNDATION			
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LOOSE SAND	2.743 m (9'-0")	3.048 m (10'-0")	8-#6X2.591 m (8'-6")	#3X25.908 m (85')	8-#6X2.896 m (9'-6")	#3X28.651 m (94')
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ROCK OR SOLIDIFIED SLAG	1.524 m (5'-0")	1.524 m (5'-0")	NONE	NONE	NONE	NONE



OFFSET SCHEDULE

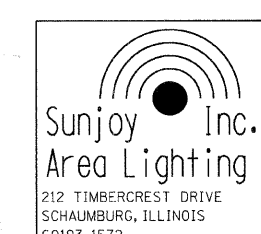
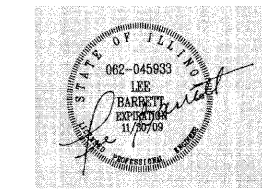
SEWER DIAM. d IN.	PILE OFFSET from C-MED'N FT.	LENGTH of BAR d FT.
(24")	(3'-3")	#6 x (5'-3")
(27") TO (36")	(3'-9")	(5'-9")
(42") TO (48")	(4'-6")	(6'-6")
(54") TO (60")	(5'-0")	(7'-0")
(66") TO (72")	(5'-6")	(7'-6")



BILL OF MATERIAL

MARK	NO.	SIZE	LENGTH	SHAPE
a	10	6	SEE BELOW	—
s	12	4	(8'-0")	□
s1	3	3	(7'-6")	□
v1	8	6	(2'-9")	—
v2				

- NOTES
1. THE CONTRACTOR SHALL IDENTIFY IN FIELD BURIED UTILITY CONFLICT FOR THE INSTALLATION OF CONCRETE FOUNDATION. THE ENGINEER SHALL DETERMINE USE OF OFFSET FOUNDATION DESIGN AND LOCATION FOR PILE INSTALLATION.
  2. THE SHAFT FOR PILE SHALL BE MADE WITH AN AUGER, (24") IN DIAMETER.
  3. THE ANCHOR SHALL BE A TACK WELDED TYPE BOLT OR HOOK TYPE BOLT. COLD BENDING OF THE HOOK BOLT WILL NOT BE ALLOWED.
  4. THE ANCHOR BOLTS AND RACEWAYS SHALL BE PROPERLY SECURED IN PLACE BEFORE THE CONCRETE IS PLACED IN THE FORM.
  5. THE ENTIRE LENGTH OF THE ANCHOR BOLTS AS WELL AS THE NUTS AND WASHERS SHALL BE HOT DIP GALVANIZED IN ACCORDANCE WITH THE REQUIREMENTS OF ASTM DESIGNATION A 153.
  6. THE CONTRACTOR SHALL COORDINATE EXTENSION OF ANCHOR BOLTS ABOVE TOP OF FOUNDATION WITH THE LIGHT POLE MANUFACTURER'S REQUIREMENTS. THE CONTRACTOR SHALL CONFIRM ANCHOR BOLT EXTENTION WITH ENGINEER.
  7. RACEWAYS SHALL PROJECT (1") ABOVE THE TOP OF THE FOUNDATION.
  8. CONCRETE SHALL BE CLASS "SI". CONCRETE FOUNDATION MUST BE CURED FOR TEN (10) DAYS BEFORE THE LIGHT STANDARD IS ERECTED.
  9. THE CABLE TRENCH SHALL BE BACKFILLED AND FIRMLY COMPACTED BEFORE THE LIGHT POLE IS ERECTED.



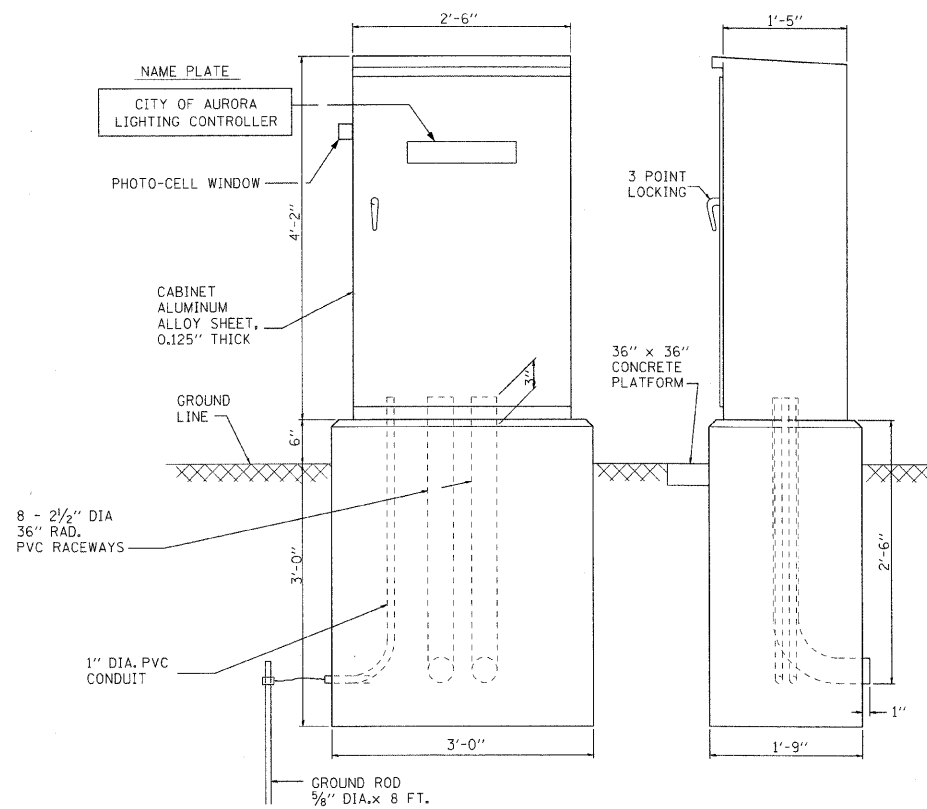
REVISIONS

NAME	DATE

DETAILS FROM BE0/IDOT DRAWING #BE6  
 ILLINOIS DEPARTMENT OF TRANSPORTATION  
**CITY OF AURORA, KANE COUNTY**  
**INDIAN TRAIL ROAD**  
**OFFSET FOUNDATION**  
 SCALE: NONE  
 DATE: 8-11-07  
 DRAWN BY: JKM  
 CHECKED BY:

\*DATE-TIME\*  
 \*DCN-SPEC\*  
 \*V-BEG

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1503	08-00260-01-PV	KANE	176	104



**CONTROL CABINET - CONSOLE TYPE**

**NOTES**

THE CABINET SHALL BE FABRICATED FROM 0.125" THICK ALUMINUM ALLOY SHEET AND SHALL BE REINFORCED WITH ALUMINUM ANGLES. THE CABINET DOOR SHALL BE NEMA TYPE 3 CONSTRUCTION WITH NEOPRENE GASKET. THE DOOR SHALL HAVE STAINLESS STEEL HINGES AND THREE POINT LOCKING SYSTEM.

THE CONTRACTOR SHALL REMOVE VEGETATION AND TOPSOIL, LEVEL THE AREA IN FRONT OF THE CONTROL CABINET DOOR AND PLACE LENGTH WISE, PARALLEL TO CONTROL CABINET, A PRECAST PAD, 36"x60"x3" MINIMUM SIZE. THE COST OF LABOR AND MATERIALS SHALL BE INCIDENTAL TO THE CONTROL CABINET.

CONTROL WIRE SHALL BE #12 AWG, 600V, TYPE "SIS" STRANDED COPPER GRAY SWITCH BOARD WIRE. THE ENDS OF ALL CONTROL WIRES SHALL BE IDENTIFIED.

ALL CONTROL CABINET ITEMS SHALL HAVE SUITABLE IDENTIFICATION. OPEN CIRCUIT BREAKERS, CONTACTORS AND OTHER OPEN DEVICES SHALL HAVE PERMANENT SELF STICKING TAGS. DEVICES IN ENCLOSURES SHALL HAVE ENGRAVED 2-COLOR LAMINATED PLASTIC NAMEPLATES ATTACHED TO ENCLOSURES WITH SCREWS. NAMEPLATES SHALL BE ENGRAVED TO CORRESPOND TO DESIGNATIONS ON THE DRAWINGS. INTERNAL CABINET WIRING SHALL BE IDENTIFIED AS INDICATED OR AS DIRECTED BY THE ENGINEER BY MEANS OF SELF-STICKING TAGS APPLIED AT EACH CONNECTED END. IDENTIFICATION SHALL BE MADE BY THE CABINET MANUFACTURER.

ALL WIRING WITHIN THE CABINET SHALL BE COLOR CODED AS INDICATED.  
 R = RED    BL = BLUE    W = WHITE  
 B = BLACK    Y = YELLOW    G = GREEN

PROVIDE SEALING GROMMETS FOR ALL OPEN WIRING EXTENDED FROM DEVICES IN BOXES OR CABINETS WITHIN THE CONTROL CABINET.

ALL 120 VOLT SYSTEM CONTROL WIRING SHALL BE #12 AWG STRANDED UNLESS OTHERWISE INDICATED.

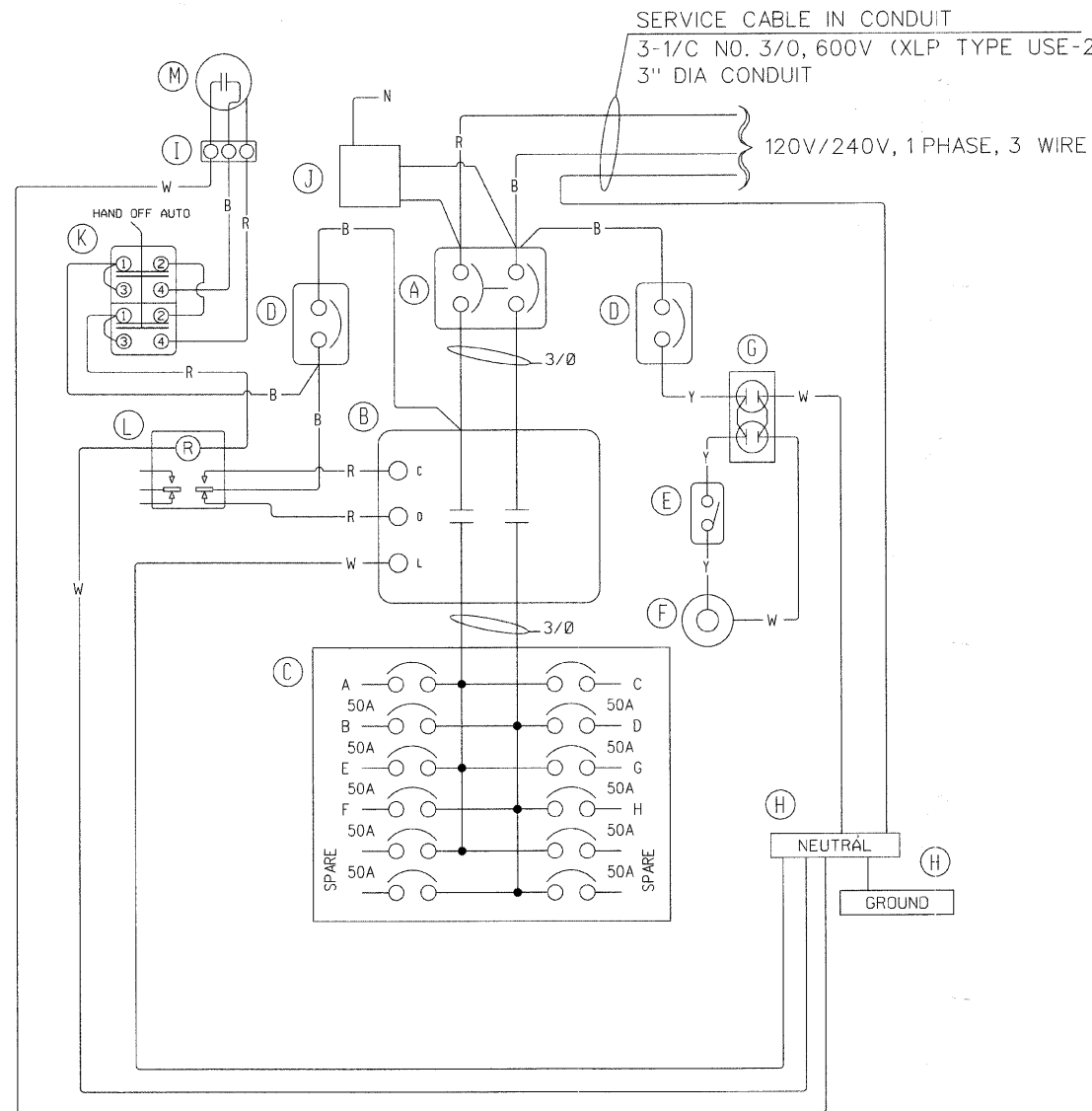
THE HEADS OF CONNECTOR SCREWS SHALL BE PAINTED WHITE FOR NEUTRAL BUSS CONNECTION AND GREEN FOR GROUND BUSS CONNECTORS.

PROVIDE SEALING GROMMETS FOR ALL OPEN WIRING EXTENDED FROM DEVICES IN BOXES WITHIN THE CONTROL CABINET.

ALL WIRING SHALL BE NEATLY DRESSED AND SUPPORTED.

THE CONTROLLER SHALL BE CONSTRUCTED TO U.L. STD. 508 AND BEAR THE U.L. LABEL "ENCLOSED INDUSTRIAL CONTROL PANEL".

PROVIDE A HOLDER AND WATERPROOF POUCH ON THE INNER SIDE OF THE CONTROLLER DOOR. THE HOLDER AND POUCH SHALL BE MOUNTED SO THAT RAIN WATER OR CONDENSED WATER CANNOT ENTER THE POUCH WITH THE CABINET DOOR OPEN. FURNISH THE APPROVED COPY OF THE "CONTROL CABINET WIRING DIAGRAM".



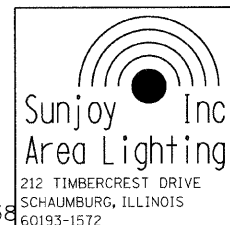
**PANEL WIRING DIAGRAM**  
 200 AMPERE, 120/240 VOLT, 1 PHASE, 3 WIRE

POWER WIRING RHH/RHW  
 CONTROL WIRING #12 MTW  
 NEUTRAL BUS COLOR CODED WHITE  
 GROUND BUS COLOR CODED GREEN  
 UL LISTED

BL = BLUE  
 W = WHITE  
 B = BLACK  
 R = RED  
 Y = YELLOW

**DEVICE SCHEDULE**

ITEM	QUANT.	DESCRIPTION
(A)	1	CIRCUIT BREAKER, MOLDED CASE, THERMAL MAGNETIC, 2-POLE, 600V. A.C., 225A. FRAME, 200A. NON-INTERCHANGABLE TRIP, BOLT-ON TYPE; INTERRUPTING CAPACITY OF NOT LESS THAN 65,000 RMS SYMMETRICAL AMPERES AT 240V.
(B)	1	LIGHTING CONTACTOR (REMOTE CONTROL SWITCH) MECHANICALLY HELD, ASCO 920, MOUNTED ON SUB PANEL, 200A., 2P., 600V. WITH 120V. COIL.
(C)	1	PANELBOARD (INTERIOR ONLY) 240/1200V. SINGLE PHASE WITH 200A. COPPER MAINS AND TWELVE IP-50A BOLT-ON BRANCH BREAKERS EACH RATED 277V. WITH INTERRUPTING CAPACITY OF NOT LESS THAN 14,000 RMS SYMMETRICAL AMPERES AT 277V.
(D)	2	CIRCUIT BREAKER, MOLDED CASE, THERMAL MAGNETIC, 1-POLE, 277V., BOLT-ON TYPE WITH AN INTERRUPTING RATING OF NOT LESS THAN 14,000 RMS SYMMETRICAL AMPERES AT 277V.
(E)	1	MICRO SWITCH (MOUNT WITH ACTUATOR TO SWITCH WHEN DOOR OPENED)
(F)	1	60 WATT LIGHT FIXTURE, VAPORTIGHT, WITH GLOBE AND GUARD AND MOUNTING BOX.
(G)	1	GFI RECEPTACLE, 120V., 15A., PREMIUM SPEC. GRADE. NEMA REFERENCE 5-15R IN WEATHER-PROOF BOX WITH FLAP-TYPE COVER.
(H)	2	GROUND AND NEUTRAL BUS
(I)	1	3 POINT TERMINAL BLOCK
(J)	1	SURGE ARRESTOR, 600 V
(K)	1	HOA SWITCH
(L)	1	CONTROL RELAY 120V
(M)	1	PHOTOCELL

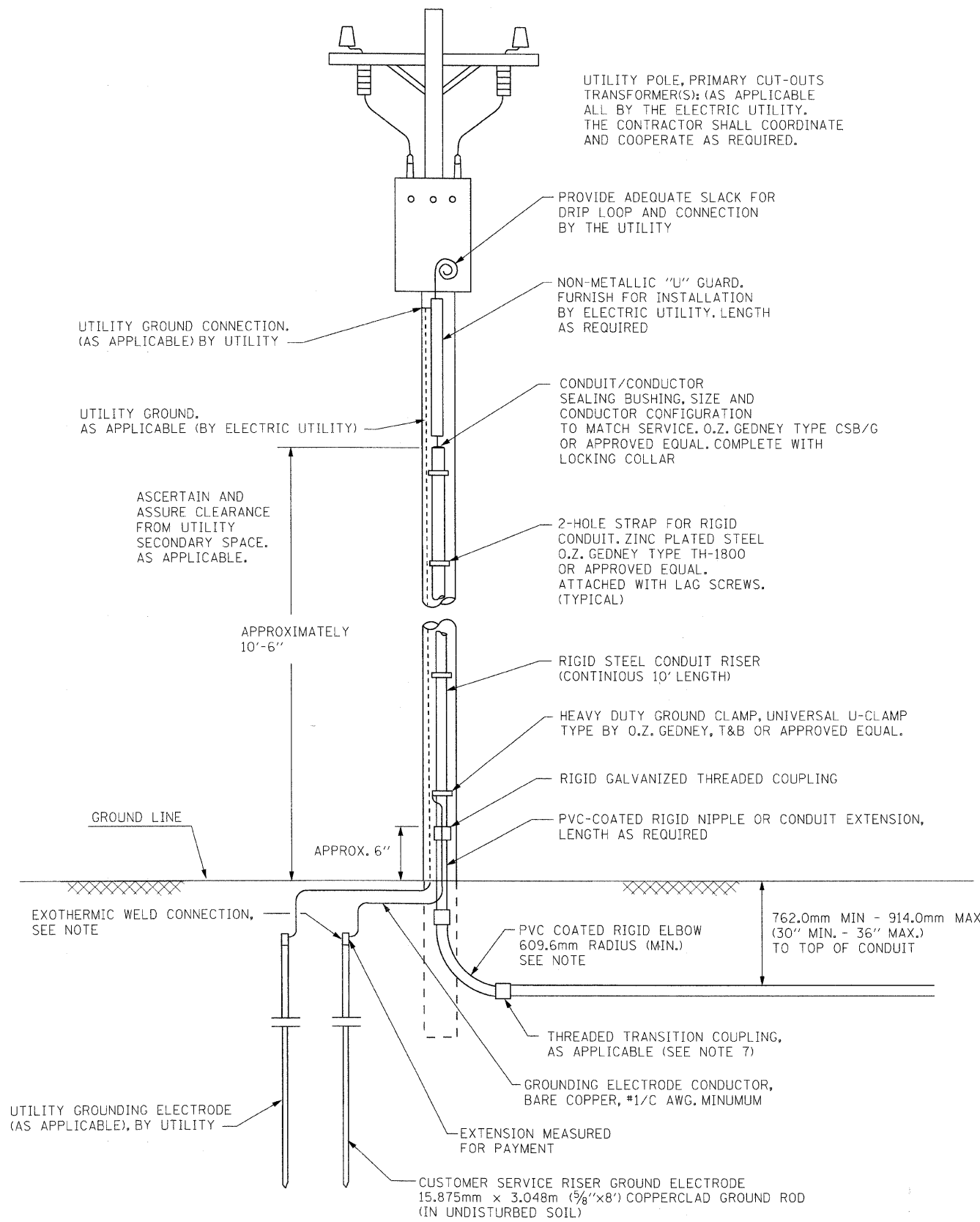


ILLINOIS DEPARTMENT OF TRANSPORTATION  
**CITY OF AURORA, KANE COUNTY**  
**INDIAN TRAIL ROAD**  
**LIGHTING CONTROLLER, CONSOLE TYPE**  
**200 AMP, 120/240 VOLT, 1 PHASE, 3 WIRE**

SCALE: NONE  
 DATE: 06-03-08

DRAWN BY: HKQ  
 CHECKED BY: JS

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1503	08-00260-01-PV	KANE	176	105



UTILITY POLE, PRIMARY CUT-OUTS TRANSFORMER(S): (AS APPLICABLE ALL BY THE ELECTRIC UTILITY. THE CONTRACTOR SHALL COORDINATE AND COOPERATE AS REQUIRED.

PROVIDE ADEQUATE SLACK FOR DRIP LOOP AND CONNECTION BY THE UTILITY

NON-METALLIC "U" GUARD, FURNISH FOR INSTALLATION BY ELECTRIC UTILITY. LENGTH AS REQUIRED

CONDUIT/CONDUCTOR SEALING BUSHING, SIZE AND CONDUCTOR CONFIGURATION TO MATCH SERVICE. O.Z. GEDNEY TYPE CSB/G OR APPROVED EQUAL. COMPLETE WITH LOCKING COLLAR

2-HOLE STRAP FOR RIGID CONDUIT. ZINC PLATED STEEL O.Z. GEDNEY TYPE TH-1800 OR APPROVED EQUAL. ATTACHED WITH LAG SCREWS. (TYPICAL)

RIGID STEEL CONDUIT RISER (CONTINUOUS 10' LENGTH)

HEAVY DUTY GROUND CLAMP, UNIVERSAL U-CLAMP TYPE BY O.Z. GEDNEY, T&B OR APPROVED EQUAL.

RIGID GALVANIZED THREADED COUPLING

PVC-COATED RIGID NIPPLE OR CONDUIT EXTENSION, LENGTH AS REQUIRED

PVC COATED RIGID ELBOW 609.6mm RADIUS (MIN.) SEE NOTE

THREADED TRANSITION COUPLING, AS APPLICABLE (SEE NOTE 7)

GROUNDING ELECTRODE CONDUCTOR, BARE COPPER, #1/C AWG. MINIMUM

EXTENSION MEASURED FOR PAYMENT

CUSTOMER SERVICE RISER GROUND ELECTRODE 15.875mm x 3.048m (5/8"x8') COPPERCLAD GROUND ROD (IN UNDISTURBED SOIL)

UTILITY GROUND CONNECTION. (AS APPLICABLE) BY UTILITY

UTILITY GROUND. AS APPLICABLE (BY ELECTRIC UTILITY)

ASCERTAIN AND ASSURE CLEARANCE FROM UTILITY SECONDARY SPACE. AS APPLICABLE.

APPROXIMATELY 10'-6"

APPROX. 6"

GROUND LINE

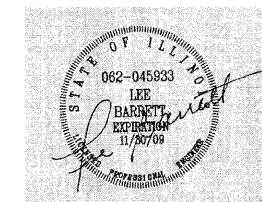
EXOTHERMIC WELD CONNECTION, SEE NOTE

UTILITY GROUNDING ELECTRODE (AS APPLICABLE), BY UTILITY

**PROPOSED SERVICE INSTALLATION  
POLE TOP MOUNTED TRANSFORMER**

**NOTES:**

1. THE PAY ITEM - "ELECTRIC UTILITY SERVICE CONNECTION" SHALL CONSIST OF PAYMENT FOR WORK PERFORMED BY THE ELECTRIC UTILITY COMPANY IN PROVIDING OR MODIFYING ELECTRIC SERVICE AS INDICATED.
2. THE PAY ITEM- "ELECTRIC SERVICE INSTALLATION" SHALL CONSIST OF ALL MATERIAL AND LABOR REQUIRED TO EXTEND, CONNECT OR MODIFY THE ELECTRIC SERVICE AS INDICATED OR SPECIFIED, WHICH IS OVER AND ABOVE THE WORK PERFORMED BY UTILITY COMPANY. THE SERVICE METER SOCKET, AS APPLICABLE, MOUNTED ELSEWHERE, SHALL BE INCLUDED IN THIS PAY ITEM.
3. SERVICE VOLTAGE SHALL BE AS INDICATED ELSEWHERE IN THE PROJECT DRAWINGS.
4. ELECTRIC SERVICE SPAN BETWEEN THE CONTROLLER AND UTILITY TRANSFORMER SHALL NOT EXCEED 250 FEET.
5. CONDUIT FOR SERVICE CABLE:
  - 5.1 CONDUIT DIAMETER AND CONDUIT FITTINGS SHALL BE SIZED WITH WIRE GAUGE AND MAXIMUM NUMBER OF CONDUCTORS PERMITTED BY NEC.
  - 5.2 CONDUIT FOR SERVICE CABLE SHALL BE AS INDICATED AND SHALL BE MEASURED SEPARATELY FOR PAYMENT.
  - 5.3 PVC COATED GALVANIZED STEEL CONDUIT AND CONDUIT FITTINGS OF THE SAME TYPE SHALL BE CAREFULLY INSTALLED WITH MANUFACTURER'S RECOMMENDED TOOLS AND PROCEDURES. DAMAGE TO CONDUIT SHALL BE REPAIRED WITH COMPATIBLE PVC TOUCH-UP MATERIAL TO THE SATISFACTION OF THE ENGINEER OR THE DAMAGED MATERIAL SHALL BE REPLACE AT NO ADDITIONAL COST.
  - 5.4 THE COUPLING (CONDUIT FITTING) SHALL BE A METALIC TO NON-METALIC ADAPTER BETWEEN STEEL CONDUIT AND PVC CONDUIT.
  - 5.5 CONCRETE COVER OVER THE ENCASED RACEWAY RUN SHALL BE A MINIMUM 3 INCH ALL AROUND.
6. PLANS AND DETAILS INDICATE THE GENERAL NATURE AND REQUIREMENTS OF THE UTILITY SERVICE WITHOUT EVERY ACCESSORY AND ATTACHMENT. THE CONTRACTOR IS OBLIGED THE CONTRACTOR SHALL COORDINATE IN FURNISHING ALL MATERIAL AND WORK NOT PROVIDED BY THE UTILITY FOR COMPLETING ELECTRIC SERVICE INSTALLATION.
7. THE CONTRACTOR SHALL OBTAIN INSPECTION AND APPROVAL BY THE ENGINEER AND UTILITY COMPANY BEFORE BACKFILL AND/OR ENCLOSING ELECTRIC SERVICE INSTALLATION.



DETAILS FROM BE0/1D0T 05-21-05

**Sunjoy Inc.**  
Area Lighting  
212 TIMBERCREST DRIVE  
SCHAUMBURG, ILLINOIS  
60193-1572

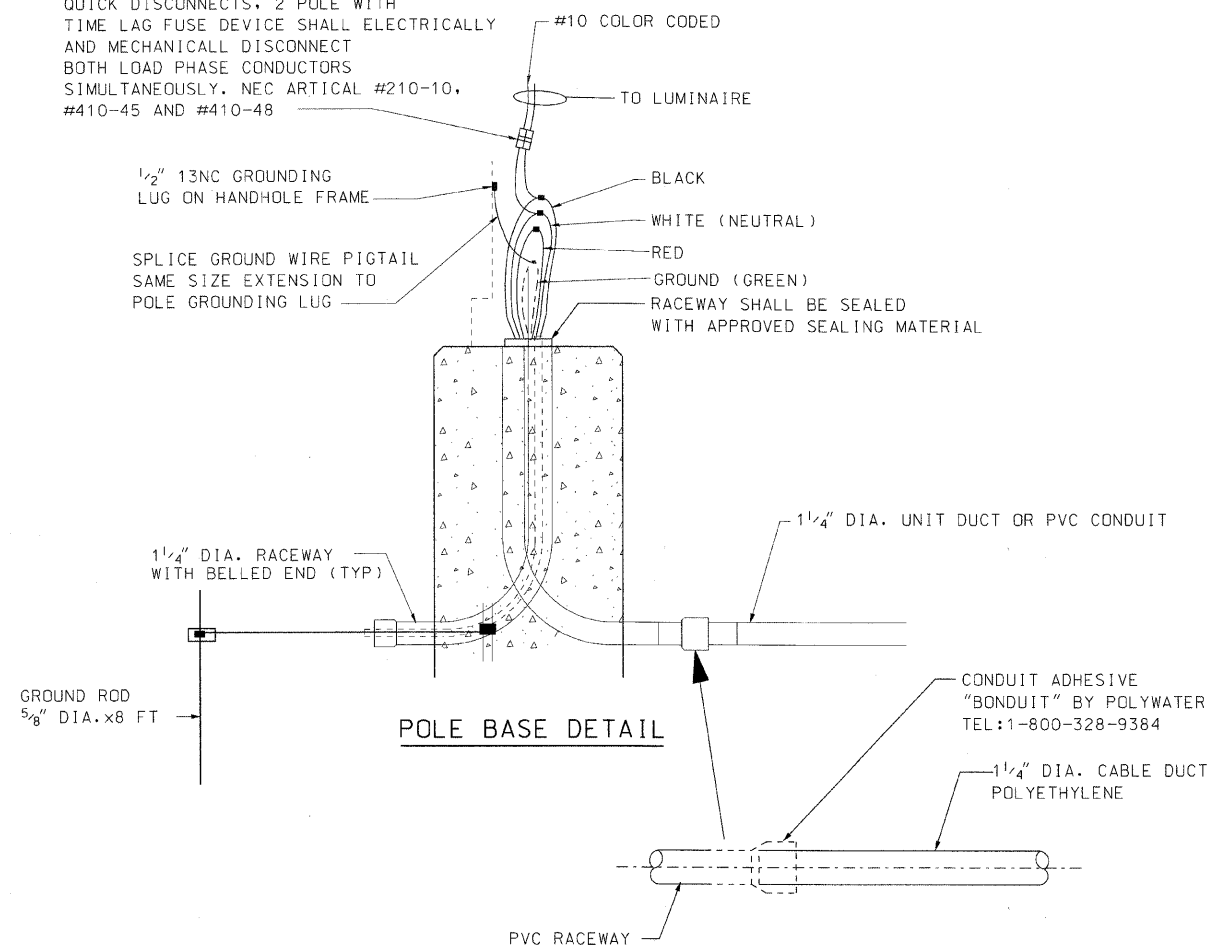
ILLINOIS DEPARTMENT OF TRANSPORTATION  
**CITY OF AURORA, KANE COUNTY**  
**INDIAN TRAIL ROAD**  
**ELECTRIC SERVICE INSTALLATION**  
**ABOVE GROUND**

SCALE: NONE  
DATE: 06-03-08

DRAWN BY HKQ  
CHECKED BY JS

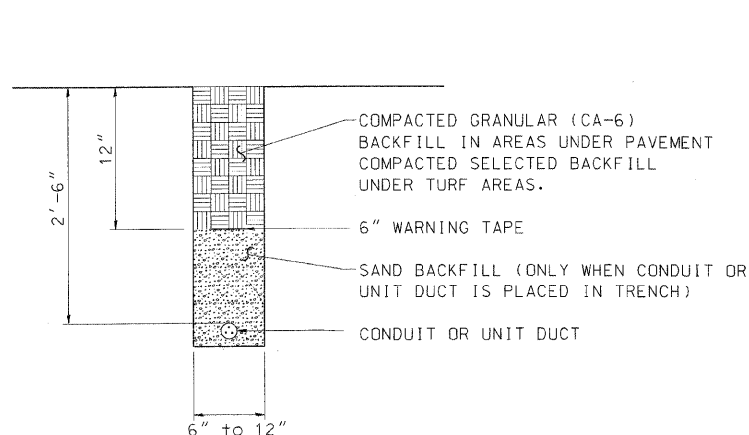
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1503	08-00260-01-PV	KANE	176	106

QUICK DISCONNECTS, 2 POLE WITH TIME LAG FUSE DEVICE SHALL ELECTRICALLY AND MECHANICALLY DISCONNECT BOTH LOAD PHASE CONDUCTORS SIMULTANEOUSLY. NEC ARTICAL #210-10, #410-45 AND #410-48

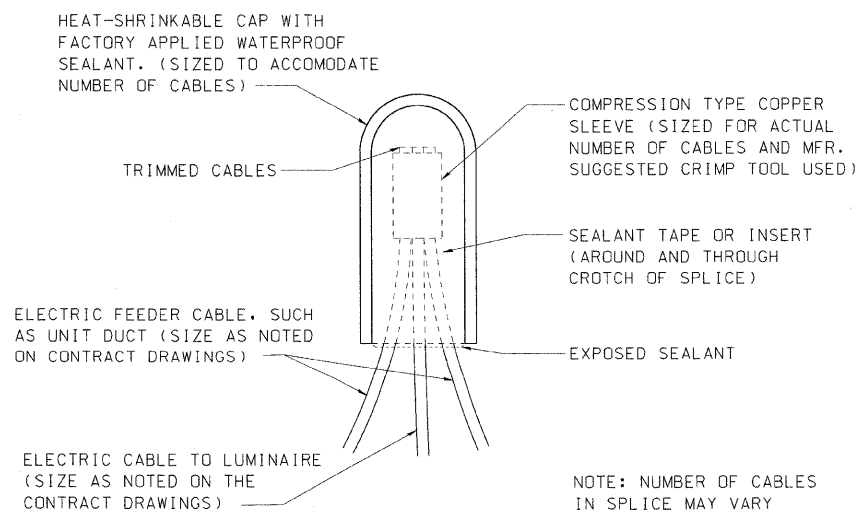


POLE BASE DETAIL

PVC RACEWAY AND POLYETHYLENE UNIT DUCT/PVC CONDUIT JOINT CONNECTION DETAILS

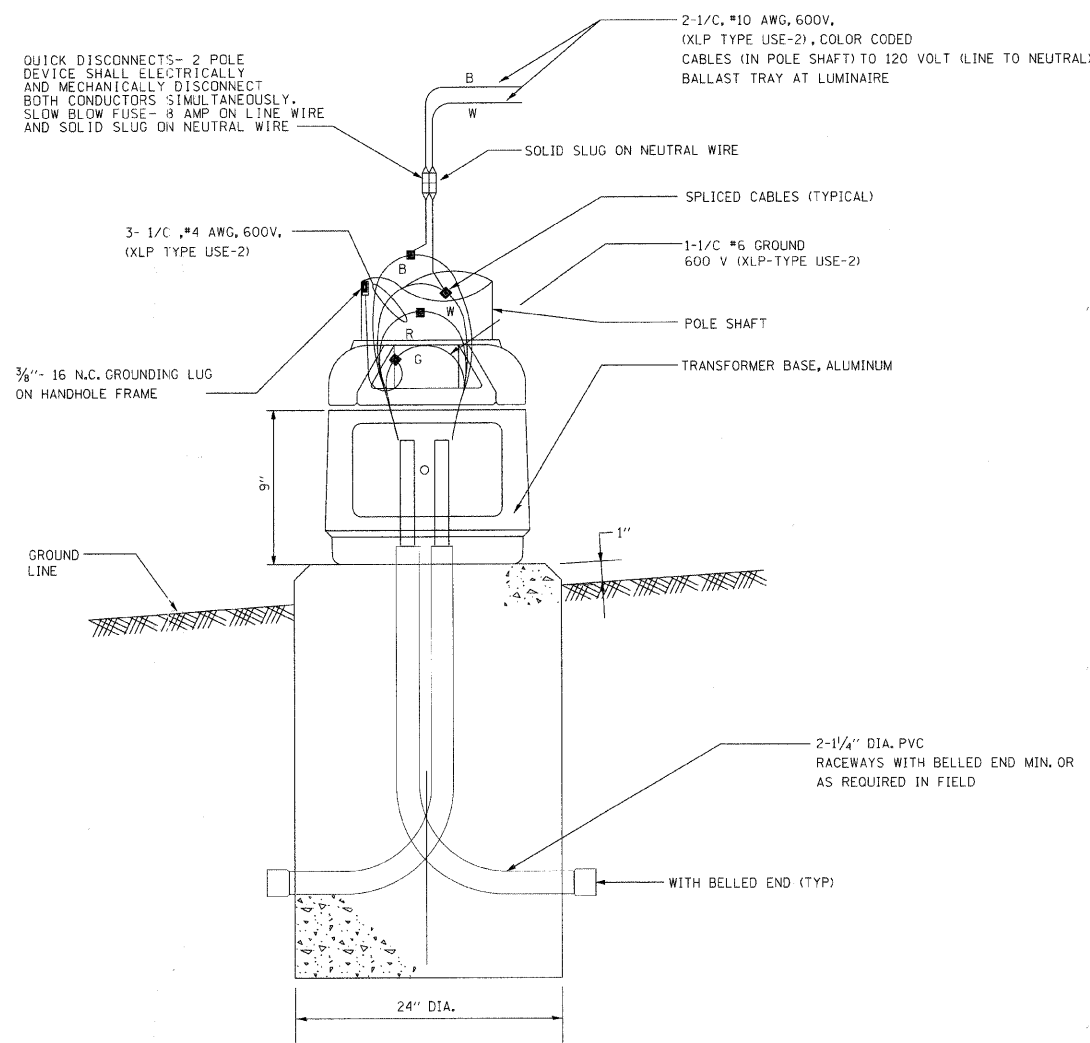


TRENCH AND BACKFILL



SPLICING ELECTRIC CABLE

NOTE: NUMBER OF CABLES IN SPLICE MAY VARY



POLE BASE WIRING WITH QUICK DISCONNECTS AND BREAKAWAY DEVICE TRANSFORMER BASE, U/L LISTED



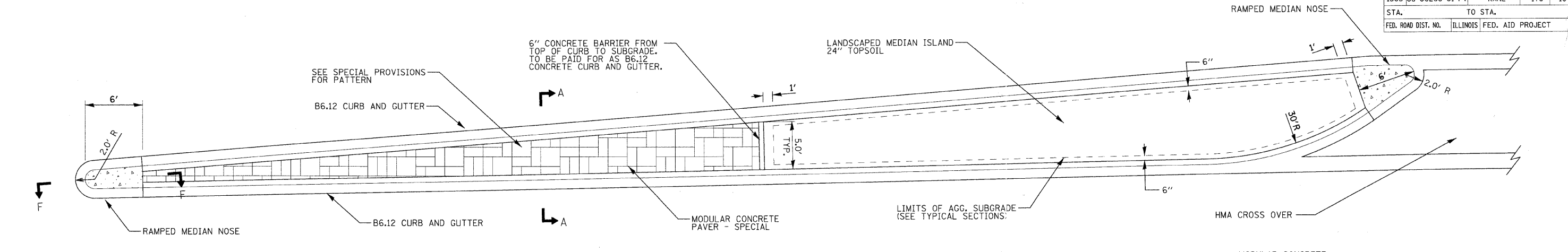
**Sunjoy Inc.**  
Area Lighting  
212 TIMBERCREST DRIVE  
SCHAUMBURG, ILLINOIS  
60193-1572

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**CITY OF AURORA, KANE COUNTY**  
INDIAN TRAIL ROAD  
**ELECTRICAL DETAILS**

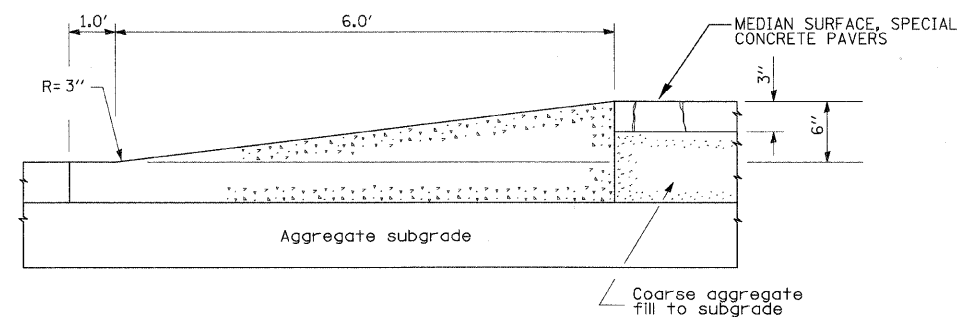
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DATE: 06-03-08

DRAWN BY: HKQ  
CHECKED BY: JS

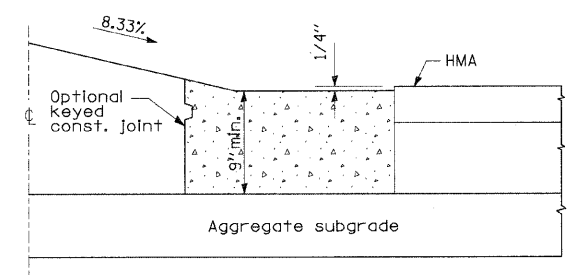
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1503	08-00260-01-PV	KANE	176	107
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



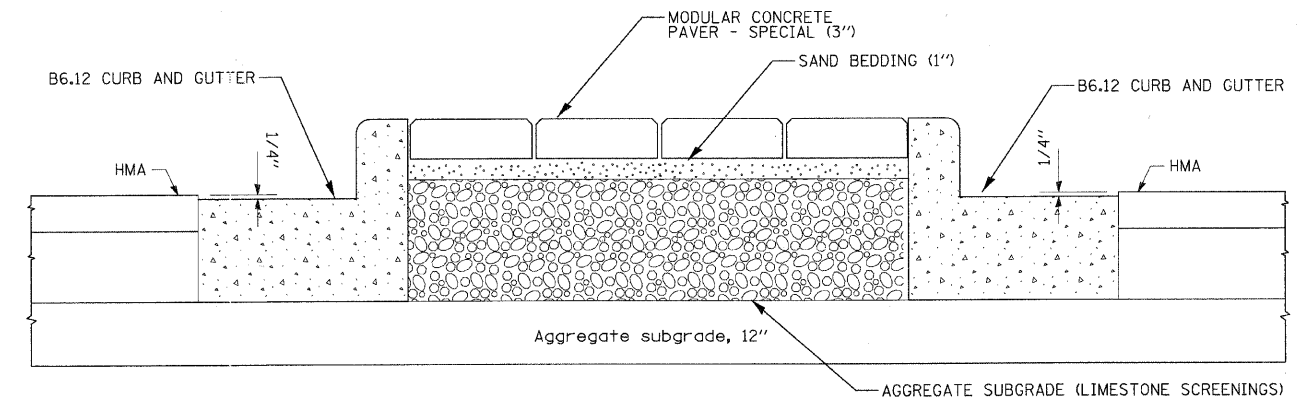
TYPICAL PLAN OF MEDIAN ISLAND



SECTION F-F

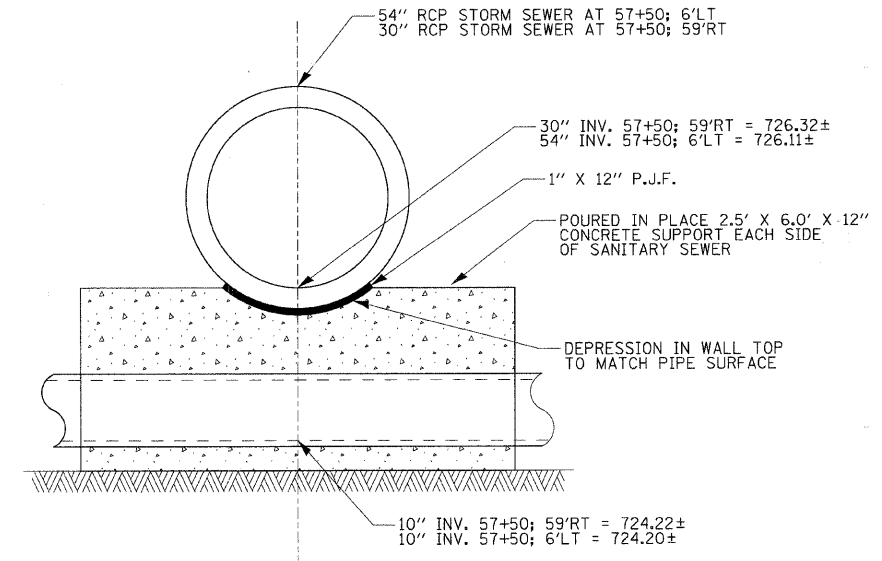
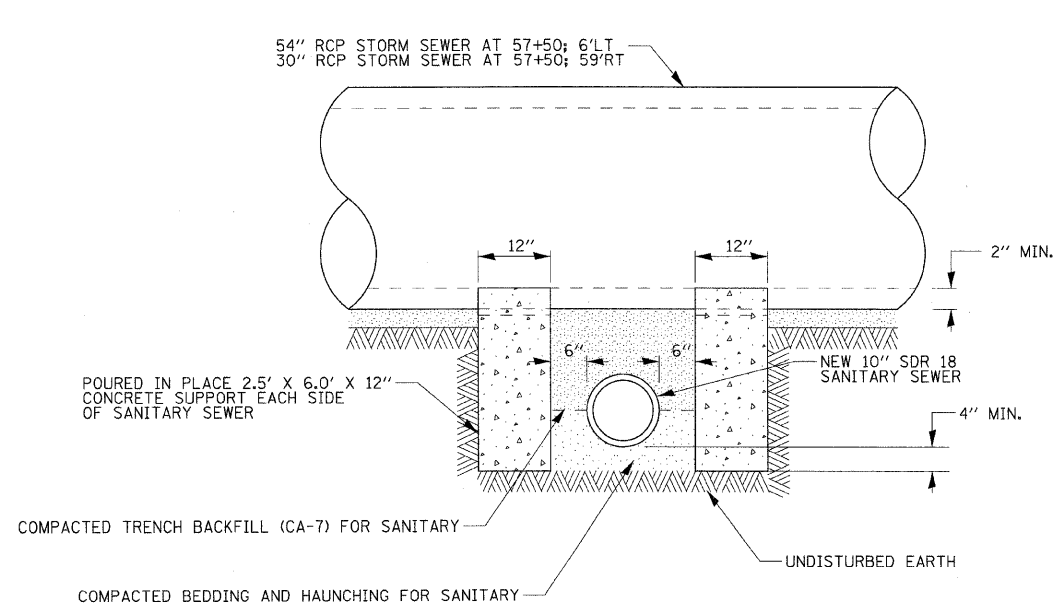


HALF SECTION FOR FLEXIBLE PAVEMENT



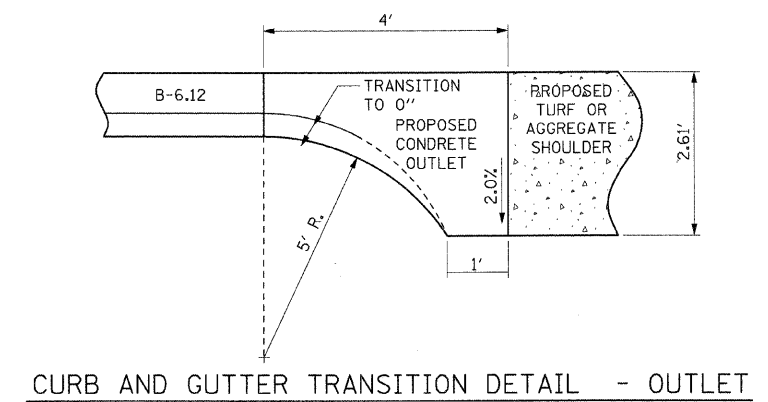
SECTION A-A

NOTE: MEDIAN SURFACES SHALL BE SLOPED OR CROWNED TO ASSURE POSITIVE DRAINAGE.



ALL LOCATIONS AND ELEVATIONS SHALL BE FIELD VERIFIED AND SUPPORT WALLS SHALL NOT BE CONSTRUCTED WITHOUT APPROVAL OF THE ENGINEER.

CONCRETE SUPPORT WALLS SHALL NOT BE PAID FOR SEPARATELY BUT SHALL BE CONSIDERED INCLUDED IN THE COST OF THE CONTRACT ITEM, "SANITARY SEWER REMOVAL AND REPLACEMENT 10'".



CURB AND GUTTER TRANSITION DETAIL - OUTLET

RCP STORM SEWER PIPE SUPPORT DETAIL FOR CROSSING SANITARY SEWER AT STA. 57+50: 6'LT and 59'RT

**RHA&A**  
Robert H. Anderson & Associates, Inc.  
Consulting Engineers & Land Surveyors  
License No. 184-005281  
Phone No. 630-584-3530

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

CONSTRUCTION DETAILS

SCALE: VERT. NONE  
HORIZ. NONE

DATE: 1/7/09

DRAWN BY:      CHECKED BY: TC/SBP

PLOT DATE = 5/26/2009  
 PLOT SCALE = 1/8"=1'-0"  
 USER NAME = USER

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1503	08-00260-01-PV	KANE	176	108
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

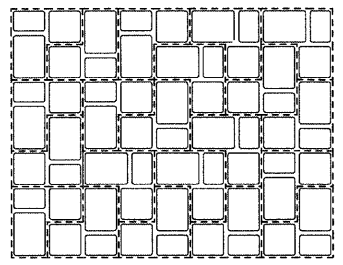
STRUCTURAL DESIGN OF UNILOC ECO-OPTILOC PAVEMENT

STRUCTURAL NUMBERS (SN):  
(STRUCTURAL NUMBERS VARY DEPENDING ON THE SPECIFICATIONS OF THE INDIVIDUAL PRODUCT. THESE NUMBERS ARE CONSERVATIVE FOR THE PURPOSE OF PROVIDING THE BEST POSSIBLE PRODUCT)

- CONCRETE = 0.50
- UNILOC ECO-OPTILOC = 0.50
- ASPHALT SURFACE COURSE = 0.40
- ASPHALT BASE COURSE = 0.30
- ROCK BASE = 0.10

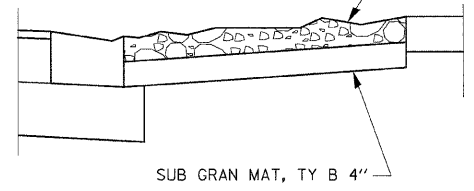
UNILOC ECO-OPTILOC - 3" PAVER BLOCK  
ON 2" CA-17 ROCK ON 17" CA-7 ROCK

SN = 3" x 0.50 + 19" x 0.10 = 3.4



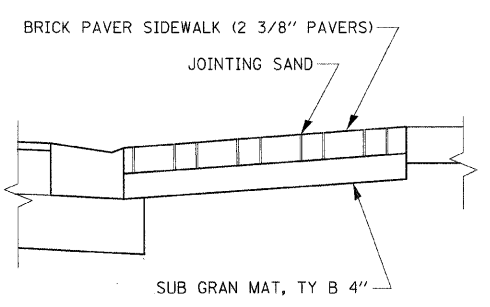
PAVERS MUST BE INSTALLED PER UNILOC SPECIFICATIONS AND LAYING PATTERNS

EXPOSED AGGREGATE CONCRETE. (5" THICKNESS)  
COLOR AND WHITE AGGREGATE TO BE INTEGRAL TO THE CONCRETE MIX.

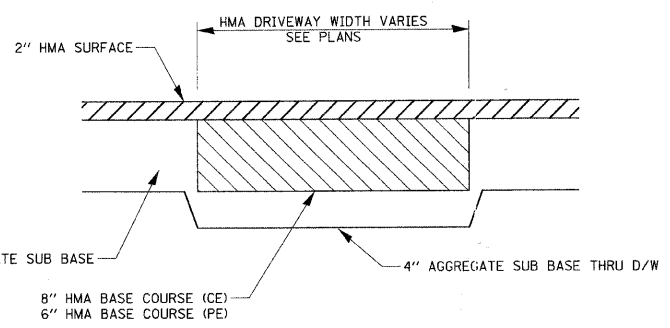


EXPOSED AGGREGATE CONCRETE SIDEWALK

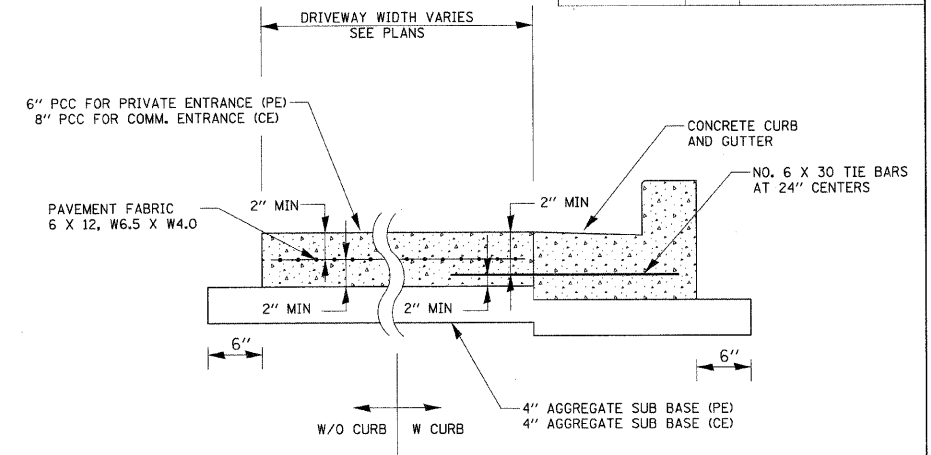
**EXPOSED AGGREGATE SIDEWALK DESIGN NOTES**  
 Color: Scofield Integral Color SG, SG084-2 Wheat Fields  
 Retarder: "Top Cast" No. Code 50 by Grace Construction Products  
 Curing Agent: Curesal S with Anti-skid Agent  
 Anti-Skid Agent: Ozinga Grip at 16 oz / 5 gal of Curesal  
 Course Aggregate: CA#7 from Vulcan's McCook Quarry  
 Design Mix:  
 Ozinga Design Mix - 1097  
 Strength at 28 days - 4,000 PSI  
 Slump Range - 4" 35/64 1"  
 Air Content - 5% 35/64 1/2"  
 Cement - 470 lb Type 1, ASTM C150  
 Fly Ash - 100 lb, ASTM C618  
 Fine Aggregate - 1,360 lb / cy, #2 Natural Sand, ASTM C33  
 Course Aggregate - 1,750 lb / cy, CA#7, ASTM C33  
 Water - 260 lbs / cy, ASTM C94 Potable  
 Water Reducing Agent - 14.1 oz / cy, ASTM C494, Type A/D



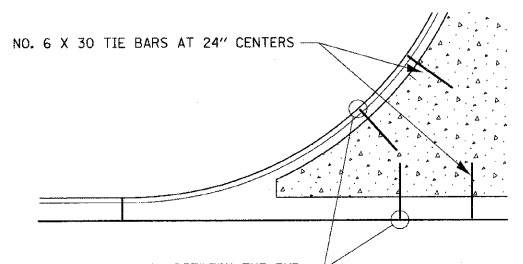
CONCRETE PAVER SIDEWALK SECTION



HMA PATH AT DRIVEWAY CROSSING



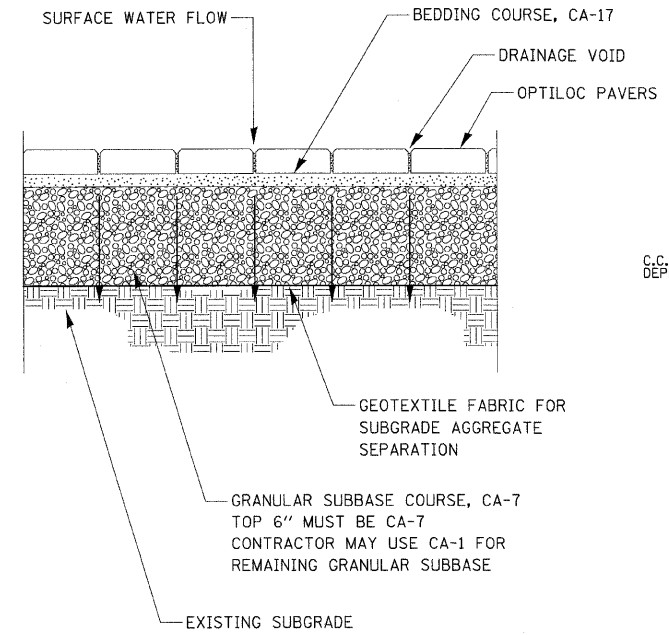
CONCRETE DRIVEWAY



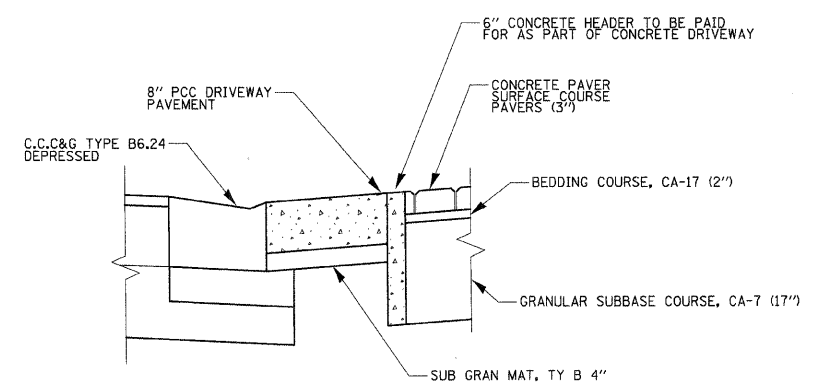
A MINIMUM CLEARANCE OF 2" BETWEEN THE END OF THE TIE BAR AND THE OUTSIDE FACE OF THE CURB SHALL BE MAINTAINED.

TIE BARS FOR CONCRETE DRIVEWAY WITH ADJACENT CURB AND GUTTER

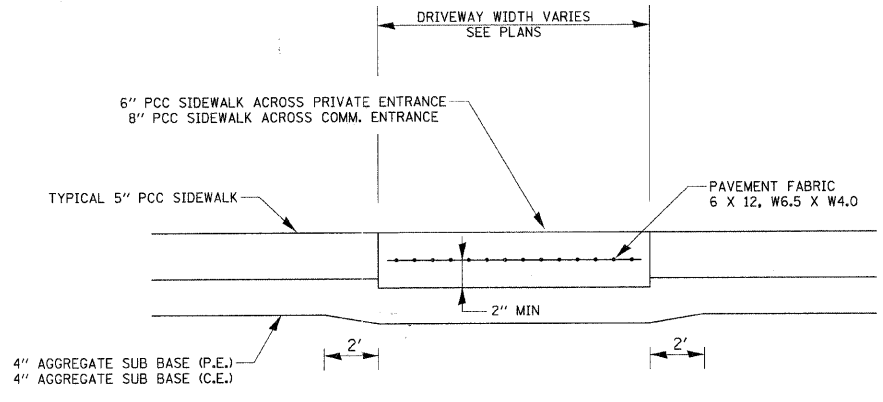
CONCRETE COMMERCIAL ENTRANCE



PERMIABLE CONCRETE PAVER SURFACE



SECTION AT POLICE HEADQUARTERS AND PARK ENTRANCE



SIDEWALK CROSSING DRIVEWAY

REVISIONS	
NAME	DATE

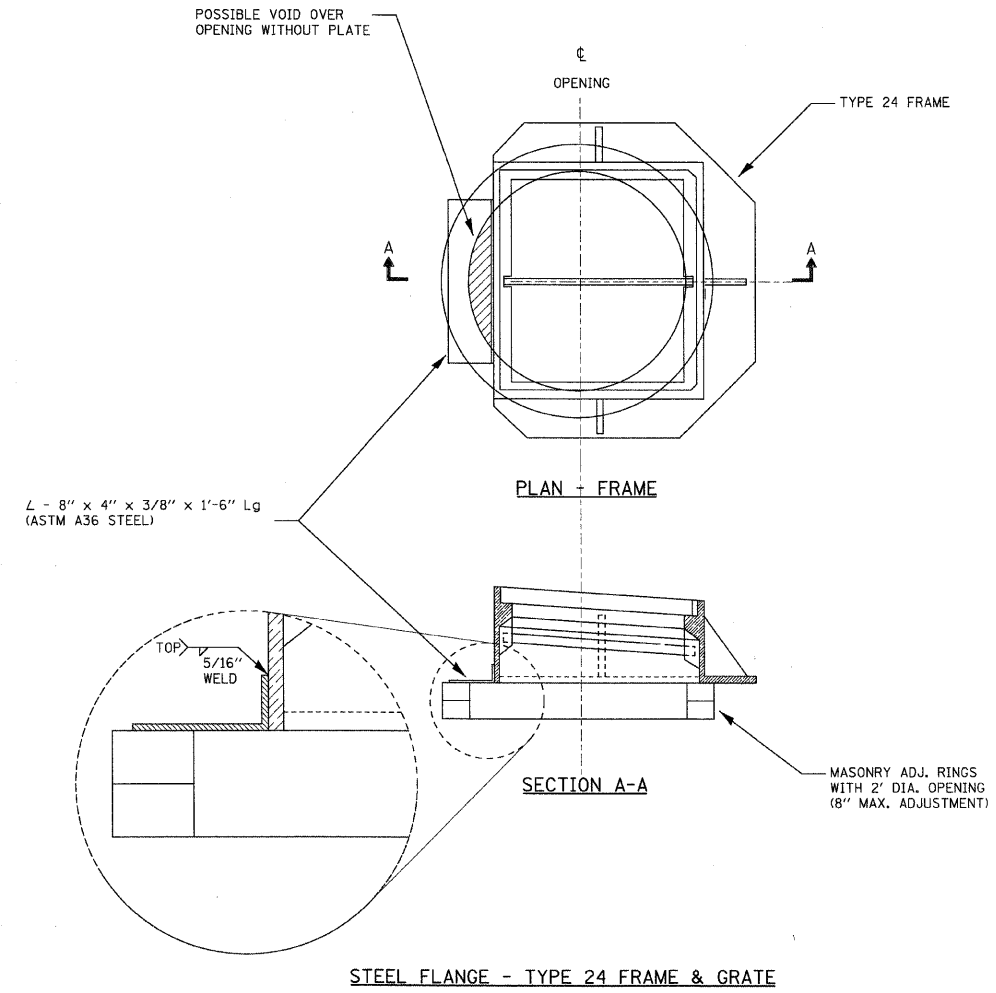
ILLINOIS DEPARTMENT OF TRANSPORTATION  
 CONSTRUCTION DETAILS  
 SCALE: VERT. NONE  
 HORIZ. NONE  
 DATE: 1/7/09  
 DRAWN BY: TC/SBP  
 CHECKED BY: TC/SBP

**RHAA**  
 Robert H. Anderson & Associates, Inc.  
 Consulting Engineers & Land Surveyors  
 License No. 084-005581  
 Phone No. 630-584-3530

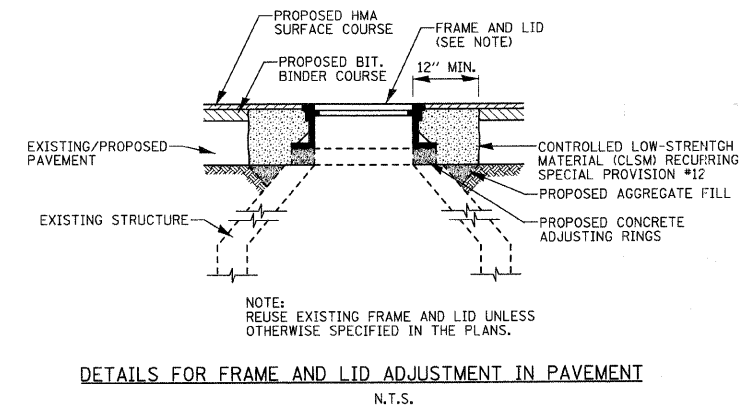
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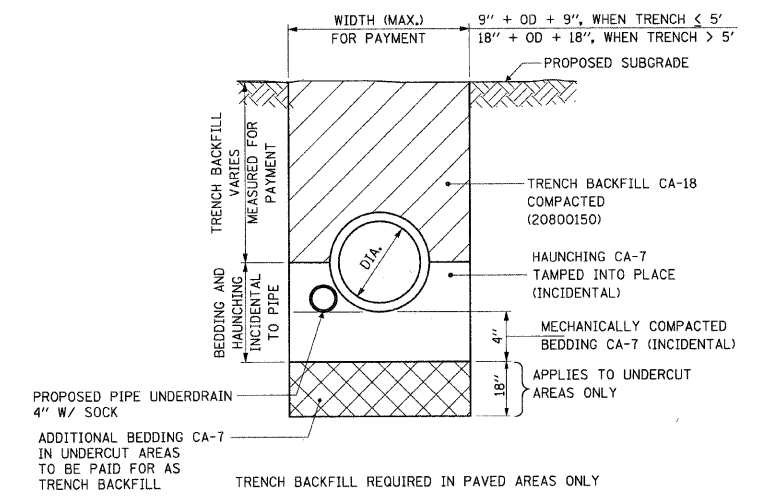
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



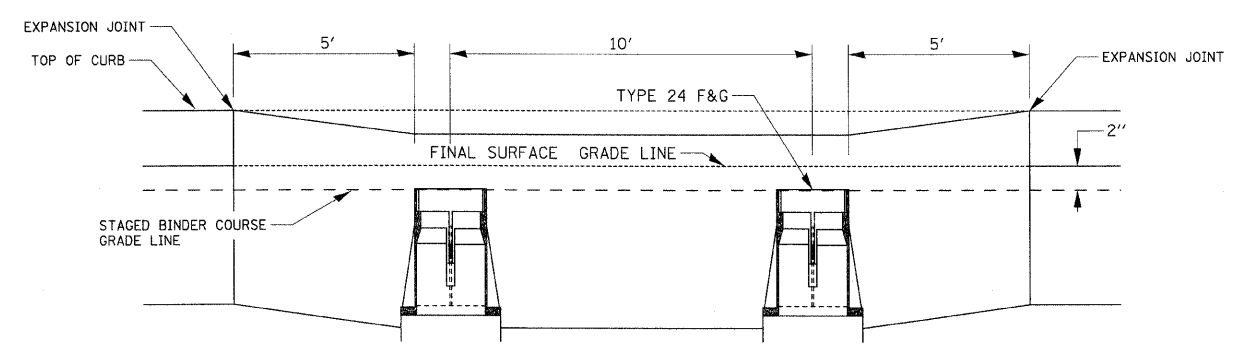
STEEL FLANGE - TYPE 24 FRAME & GRATE



DETAILS FOR FRAME AND LID ADJUSTMENT IN PAVEMENT  
N.T.S.

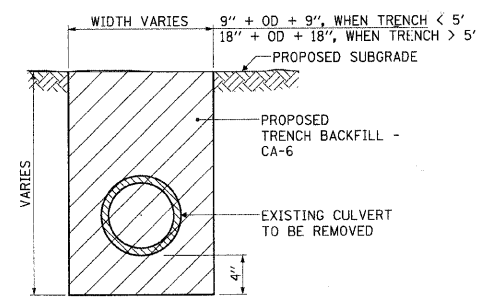


PROPOSED TRENCH - STORM SEWER WITH UNDERDRAIN DETAIL  
SEE PLANS FOR UNDERDRAIN LOCATIONS

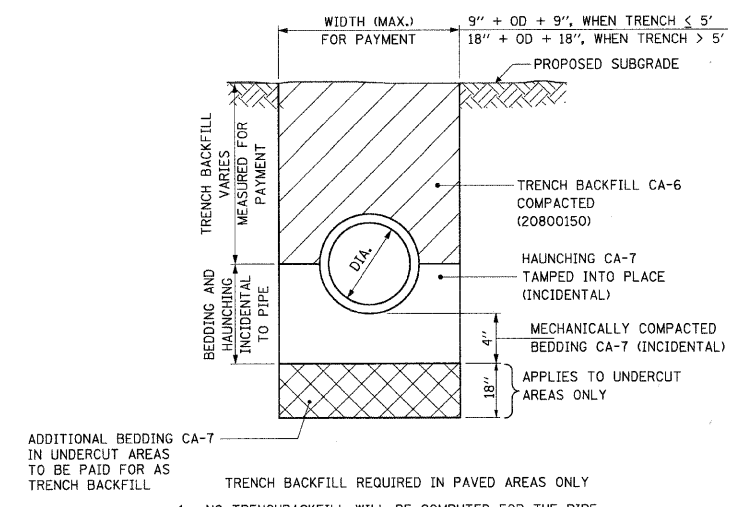


SPECIAL CURB DETAIL FOR STAGED CONSTRUCTION  
(SAG LOCATION ILLUSTRATED)

STATION	OFFSET	STRUCTURE NO.
46+07	30' LT	(112)
46+17	30' LT	(113)
46+17	30' RT	(114)
46+07	30' RT	(115)
72+05	30' LT	(226)
72+05	30' RT	(228)



TRENCH BACKFILL - EXISTING CULVERT REMOVAL  
TRENCH BACKFILL REQUIRED IN PAVED AREAS ONLY



PROPOSED TRENCH - STORM SEWER

PLOT DATE = 1/5/2009  
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 USER NAME = USER



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

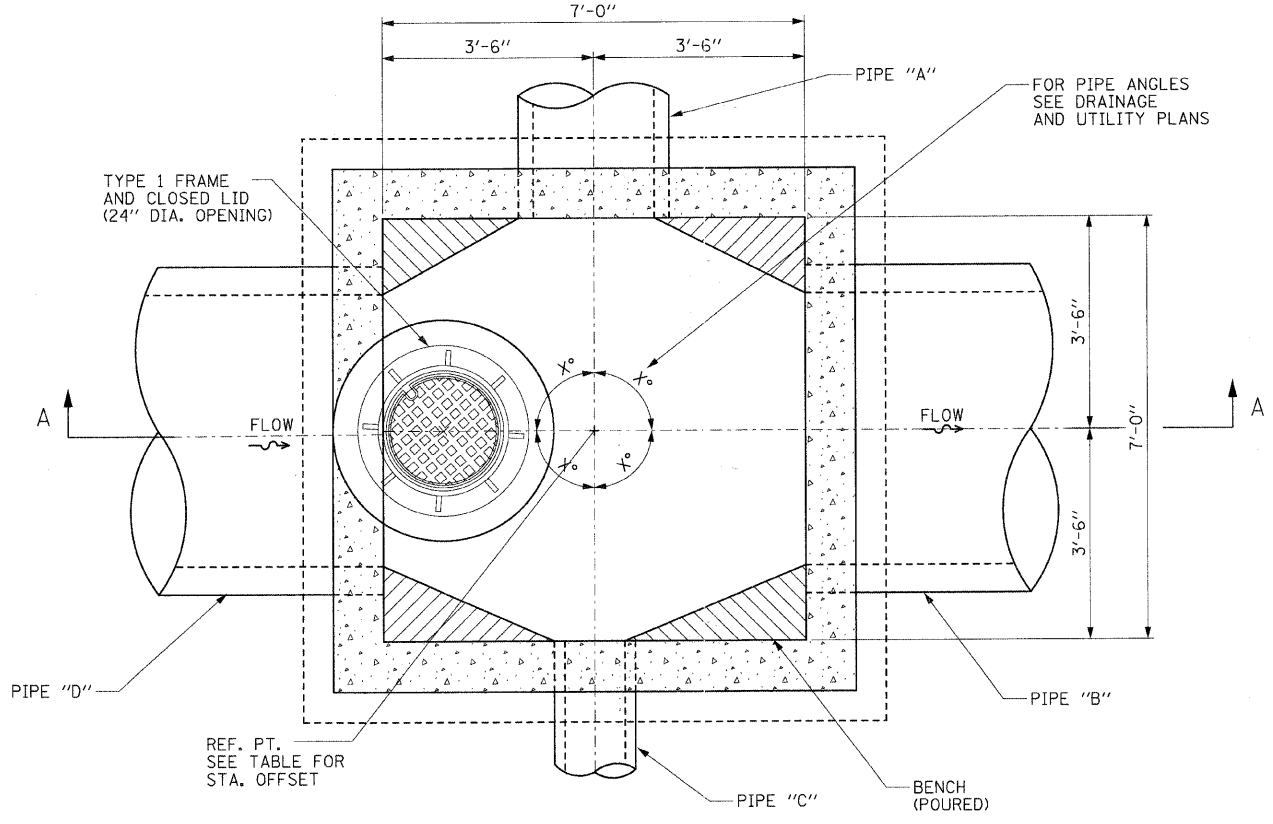
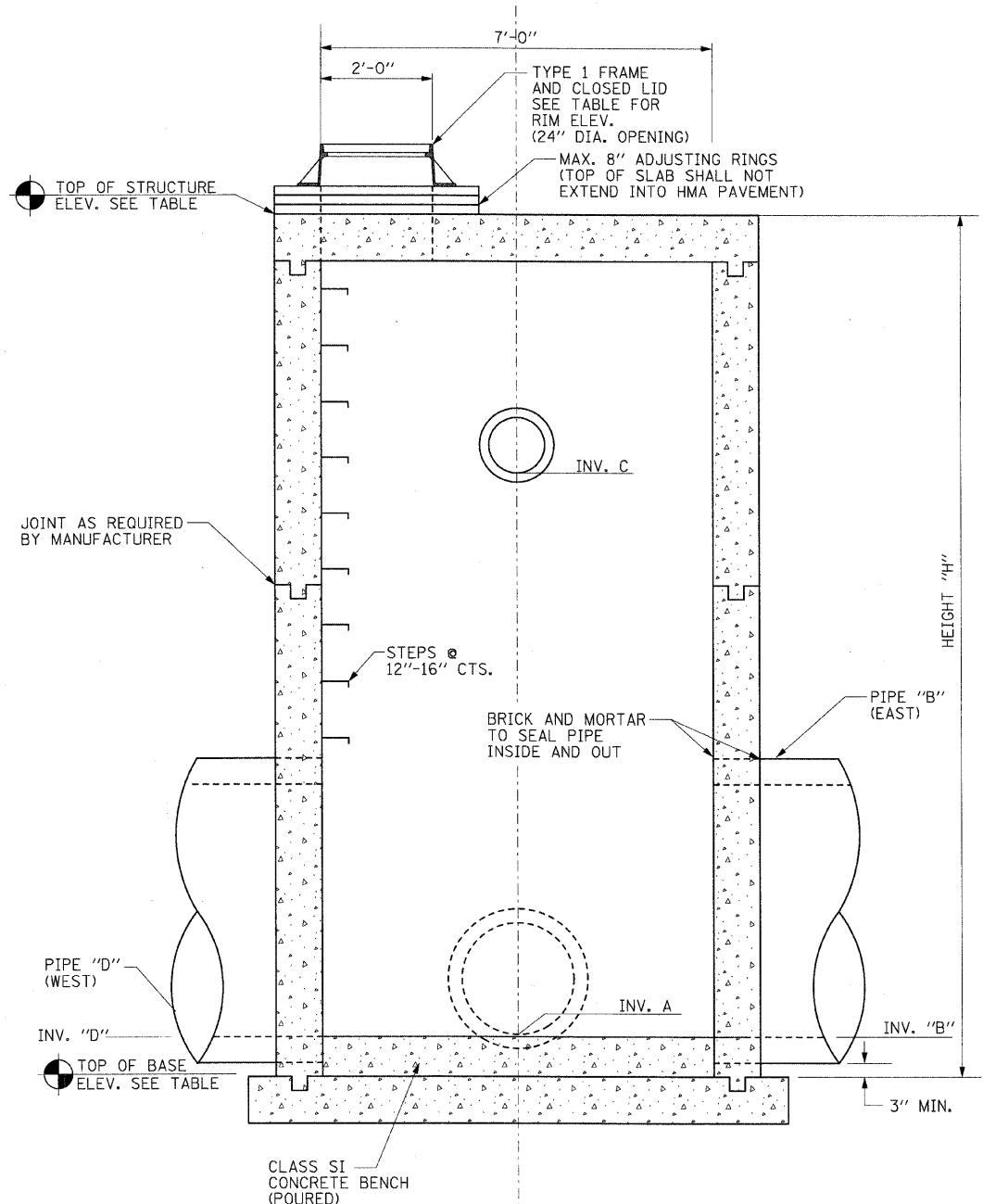
CONSTRUCTION DETAILS

SCALE: VERT. NONE  
HORIZ. NONE

DATE: 1/7/09

DRAWN BY: \_\_\_\_\_  
CHECKED BY: TC/SBP

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1503	08-00260-01-PV	KANE	176	110
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



**BILL OF MATERIAL**

Item	Description	Unit	Quantity
* 60247800	JUNCTION CHAMBER	EA.	5

\* Indicates pay item governed by a special provision

- STRUCTURE NOTES**
- CONTRACTOR HAS OPTION TO CONSTRUCT A CAST-IN-PLACE OR PRECAST CONCRETE STRUCTURE.
  - STRUCTURE SHALL BE DESIGNED IN ACCORDANCE WITH AASHTO STANDARD SPECIFICATIONS FOR HIGHWAY BRIDGES, SEVENTEENTH EDITION, 2002. DESIGN SHALL BE PROVIDED FOR EITHER A PRECAST OR CAST-IN-PLACE STRUCTURE.
  - STRUCTURE SHALL BE DESIGNED FOR AN HS20-44 TRAFFIC LOADING.
  - SHOP DRAWINGS AND DESIGN CALCULATIONS SHALL BE SIGNED AND SEALED BY A LICENSED STRUCTURAL ENGINEER REGISTERED IN THE STATE OF ILLINOIS AND SHALL BE SUBMITTED TO THE PHASE II ENGINEER FOR REVIEW.
  - SHOP DRAWINGS SHALL SHOW COMPLETE DETAILS INCLUDING ALL DIMENSIONS, REINFORCING, OPENING DETAILS, JOINT MATERIALS, AND INFORMATION PERTINENT TO THE DESIGN AND CONSTRUCTION OF THE STRUCTURE.
  - THE PRECAST OPTION SHALL BE CONSTRUCTED AND INSTALLED IN ACCORDANCE WITH SECTION 504 OF THE ILLINOIS DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, ADOPTED JANUARY 1, 2007. CLASS SI CONCRETE SHALL BE USED. MINIMUM WALL AND SLAB THICKNESS SHALL BE 10 INCHES. REINFORCING STEEL SHALL BE PROVIDED ON BOTH FACES OF WALLS AND SLABS.
  - THE CAST-IN-PLACE OPTION SHALL BE CONSTRUCTED AND INSTALLED IN ACCORDANCE WITH SECTION 504 OF THE ILLINOIS DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, ADOPTED JANUARY 1, 2007. CLASS SI CONCRETE SHALL BE USED. MINIMUM WALL AND SLAB THICKNESS SHALL BE 10 INCHES. REINFORCING STEEL SHALL BE PROVIDED ON BOTH FACES OF WALLS AND SLABS.
  - BASE MATERIAL FOR PRECAST OPTION SHALL BE COMPACTED CA-18. BASE MATERIAL FOR CAST-IN-PLACE OPTION SHALL BE CA-6 COMPACTED TO 98% STANDARD PROCTOR DENSITY.
  - JOINTS BETWEEN PRECAST CONCRETE SECTIONS SHALL BE SEALED WITH A MASTIC JOINT SEALER CONFORMING TO SECTION 1055 OF THE ILLINOIS DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, ADOPTED JANUARY 1, 2007. HANDLING HOLES SHALL BE FILLED WITH A PRECAST PLUG, SEALED AND COVERED WITH MASTIC.
  - JOINTS IN CAST-IN-PLACE CONSTRUCTION SHALL BE SEALED WITH A PVC WATER SEAL CONFORMING TO SECTION 1054.02 OF THE ILLINOIS DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, ADOPTED JANUARY 1, 2007.

- GENERAL NOTES**
- GROUTING OF REINFORCING BARS INTO HARDENED CONCRETE SHALL BE IN ACCORDANCE WITH SECTION 584 OF THE ILLINOIS DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, ADOPTED JANUARY 1, 2007.
  - THE STRUCTURE SHALL INCLUDE THE TYPE 1 FRAME AND LID. A CLOSED LID SHALL BE PROVIDED (IDOT STD. 604001) THE FRAME AND LID SHALL CONFORM TO SECTION 604 OF THE ILLINOIS DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATION FOR ROAD AND BRIDGE CONSTRUCTION, ADOPTED JANUARY 1, 2007.
  - THE MANHOLE STEPS SHALL BE PLASTIC REINFORCED WITH A STEEL ROD.

JUNCTION CHAMBER TABLE

JUNCT'N No.	STATION	OFFSET	PIPE A (NORTH)	PIPE B (EAST)	PIPE C (SOUTH)	PIPE D (WEST)	RIM ELEV.	INV. A (NORTH)	INV. B (EAST)	INV. C (SOUTH)	INV. D (WEST)	TOP STRUCT.	TOP BASE	H HEIGHT
140	52+75	6.0' LT	12"	54"	24"	36"	745.37	741.27	727.19	727.19	728.69	744.04	726.48	17.56'
147	54+17	6.0' LT	24"	54"	12"	54"	742.59	726.81	726.77	736.82	726.77	741.26	726.06	15.20'
160	57+60	6.0' LT	18"	54"	30"	54"	735.07	731.00	726.09	726.12	726.09	733.74	725.38	8.36'
179	59+90	6.0' LT	18"	54"	12"	54"	732.70	726.60	724.16	727.04	724.16	731.37	723.45	7.92'
227	72+05	5.0' LT	54"	NONE	12"	54"	719.63	711.15	NONE	713.89	711.15	718.63	710.44	7.86'

\*STATION/OFFSET IS TO CENTER OF STRUCTURE

ILLINOIS DEPARTMENT OF TRANSPORTATION

CONSTRUCTION DETAILS  
JUNCTION CHAMBER

REVISIONS

NAME	DATE

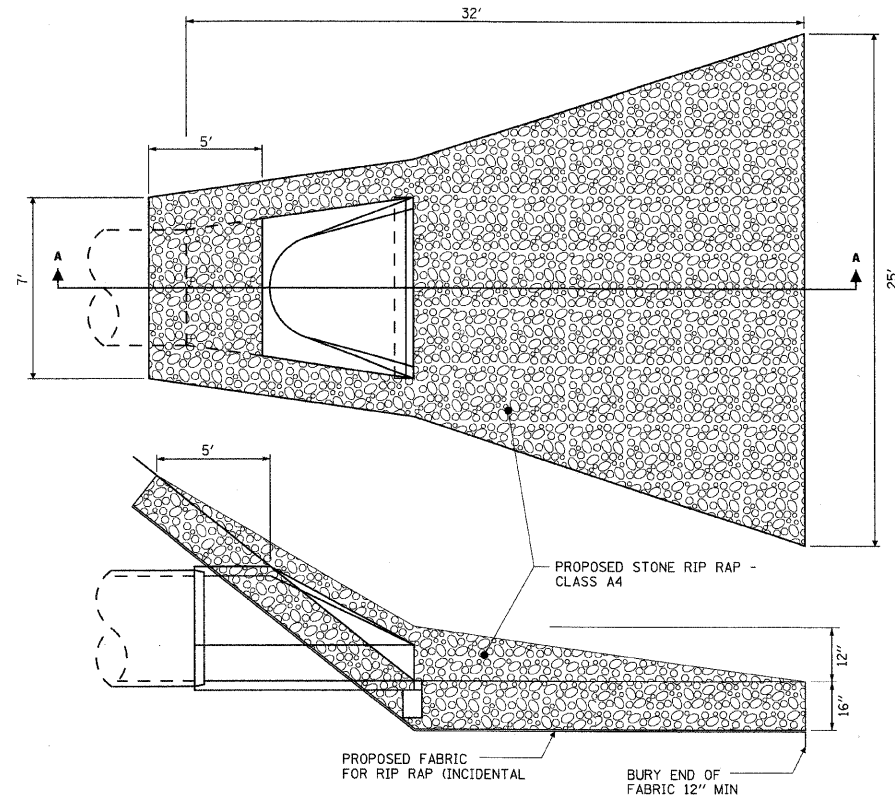
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HORIZ. NONE  
DATE 1/7/09

DRAWN BY  
CHECKED BY TC/SBP



PLOT DATE = 1/5/2009  
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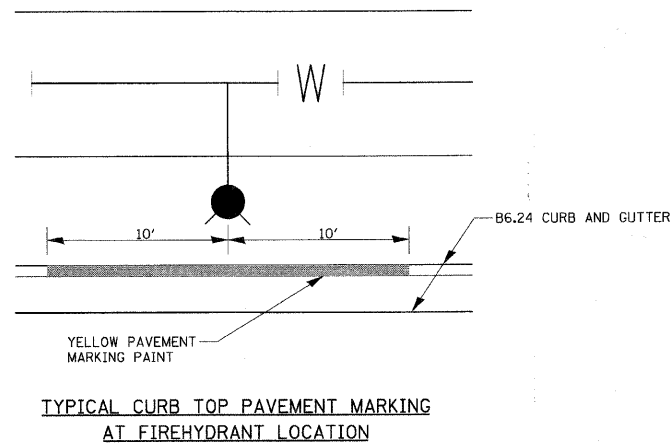
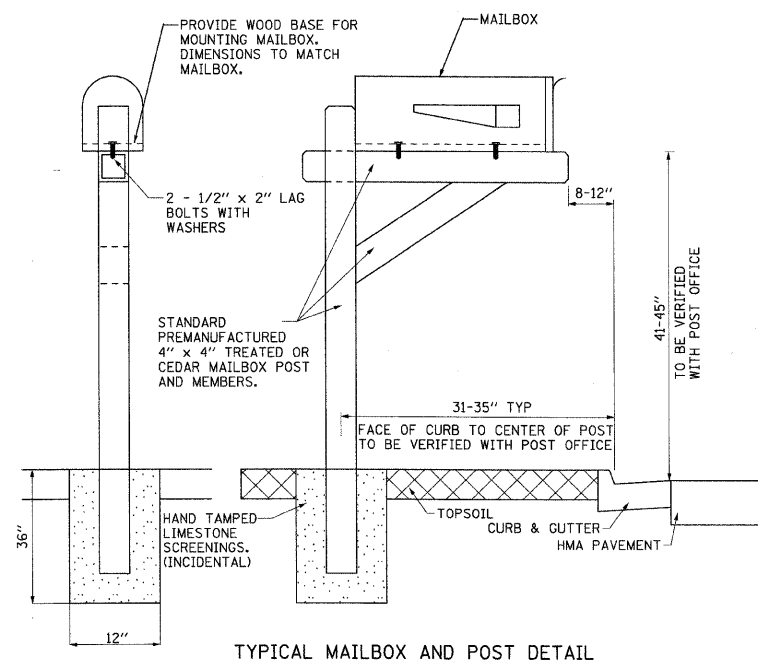
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1503	08-00260-01-PV	KANE	176	111
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



**NOTES:**

1. THE FILTER FABRIC SHALL MEET THE REQUIREMENTS IN NCRS MATERIAL SPECIFICATIONS 592 GEOTEXTILE TABLE 1 OR 2, CLASS 1.
2. THE ROCK RIPRAP SHALL MEET THE IDOT REQUIREMENTS FOR THE FOLLOWING GRAD. NO. 4, QUALITY DESIGNATION A.
3. THE RIPRAP SHALL BE PLACED ACCORDING TO NCRS CONSTRUCTION SPECIFICATION 61 ROCK RIPRAP. THE ROCK MAY BE EQUIPMENT PLACED.

**RIP RAP DETAIL AT 54" END SECTION**



**STREET SIGN REQUIREMENTS**

All streets shall use a 9" flat aluminum blank with 6" letters, upper and lower case. The prefix (N, S, E, W) and suffix (St, Ave, etc) are 3". Sign length is determined by length of street name. The blank is covered with 3m #3990 vip-diamond grade white. The letters are cut and removed from 3m # 1177 green film. This is then placed over the white to create white letters on a green background.

All signs should be mounted on the northeast corners unless obstructed. Signs may be mounted on light posts with a wing type bracket, one for each sign. Light posts must be at the northeast corner of the intersection.

FLAT ALUMINIUM BLANK THICKNESS .090

3M VIP WHITE DIAMOND GRADE FILM # 3990 Typical

6" LETTERS

438 BORDER

3" LETTERS

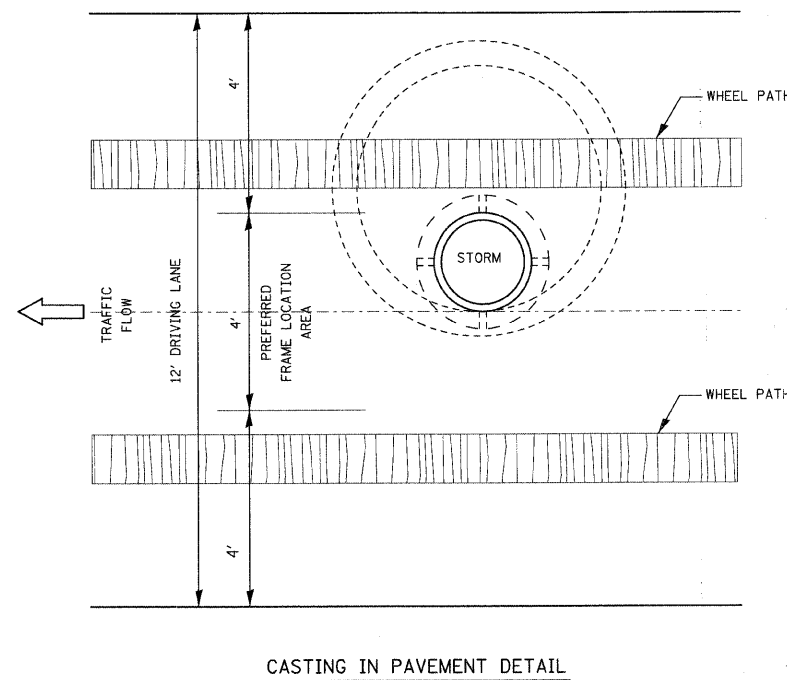
3M GREEN FILM # 1177 (Typical)

2" SPACING (Typical)

NOT LESS THAN 1" (Typical)

	Revisions		STREET SIGN REQUIREMENTS	
	Date:	By:	Scale:	Checked:
	12/03	D. Feltman	None	
			Date:	Drawn:
				D Goewey

EXHIBIT II-H-1



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

CONSTRUCTION DETAILS

SCALE: VERT. NONE  
HORIZ. NONE

DATE: 1/7/09

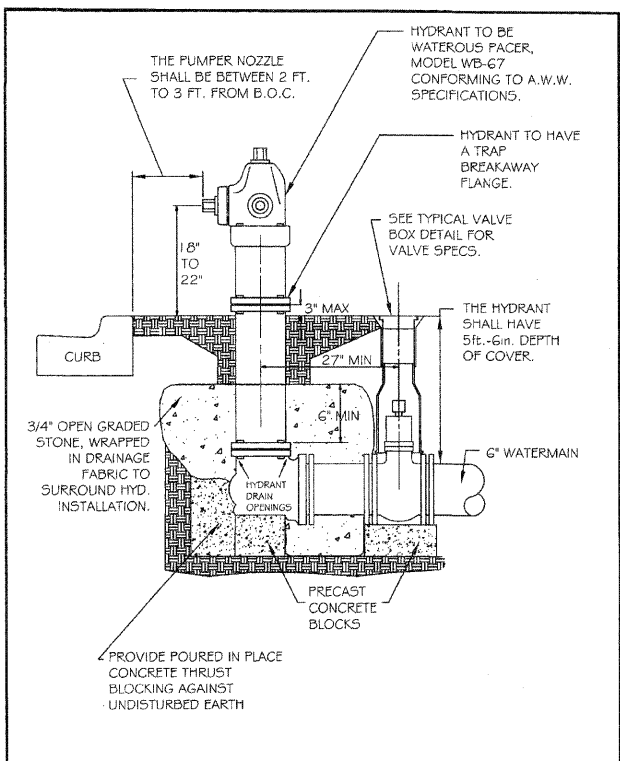
DRAWN BY: TC/SBP  
CHECKED BY: TC/SBP

**RHAA**

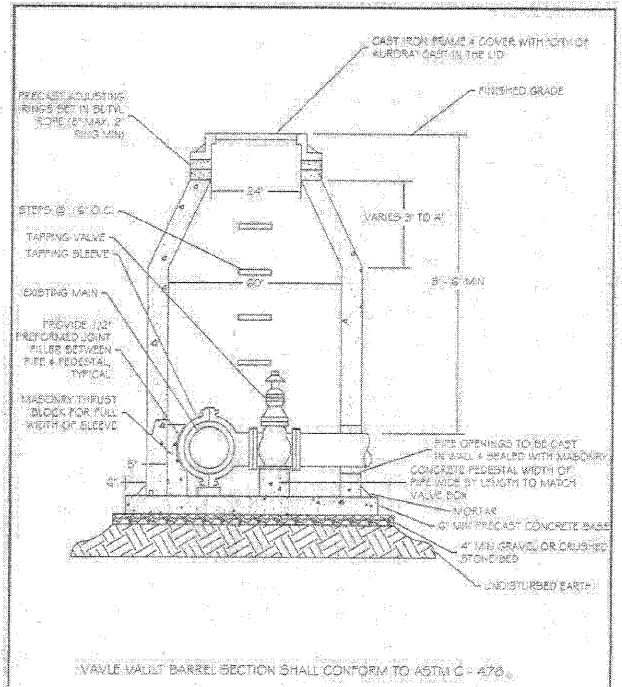
Robert H. Anderson & Associates, Inc.  
Consulting Engineers & Land Surveyors  
License No. 164-005291  
Phone No. 630-384-3530

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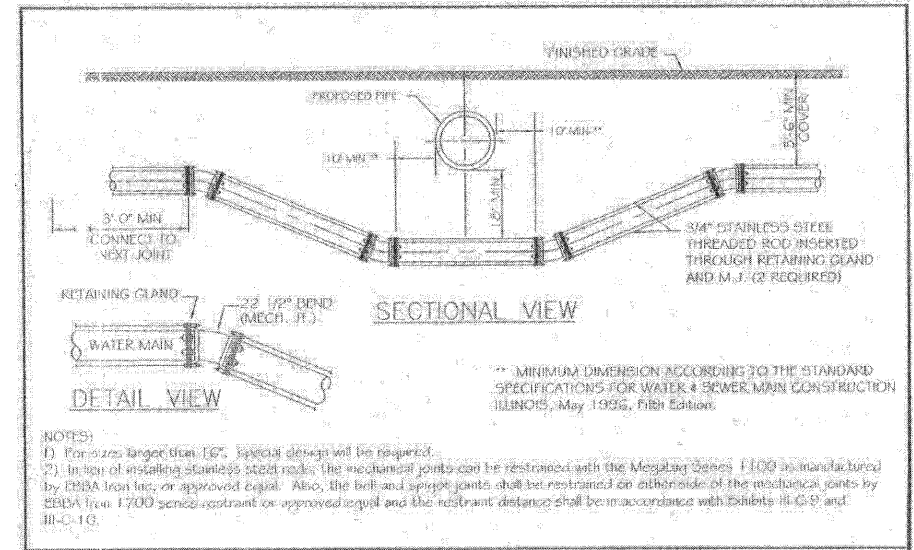
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



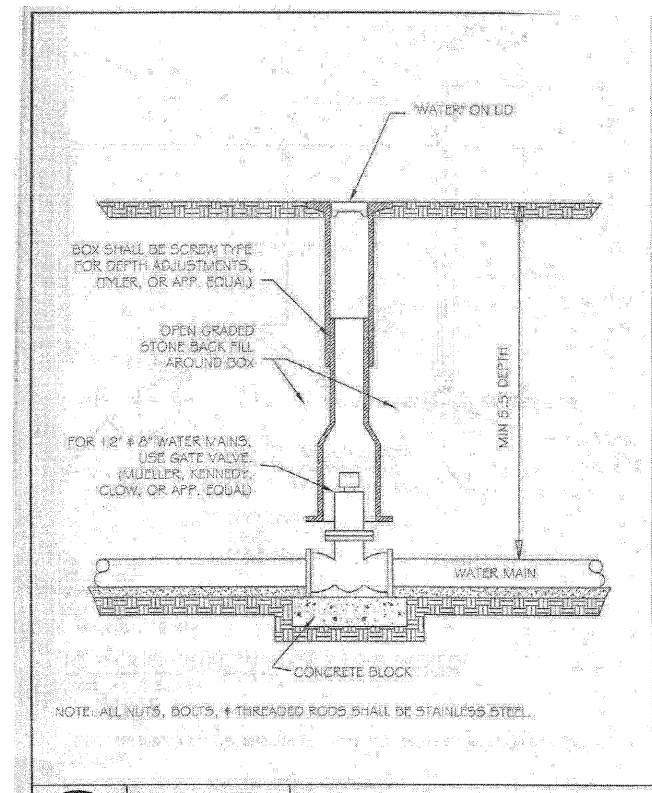
REVISIONS		HYDRANT INSTALLATION	
DATE	BY	CHECKED	DRAWING NUMBER
5/02	NM, redrawn	DP	
1/04	SAZ, redrawn	DP	EXHIBIT III-C-7
SCALE: NOT TO SCALE		DATE: 6/02	



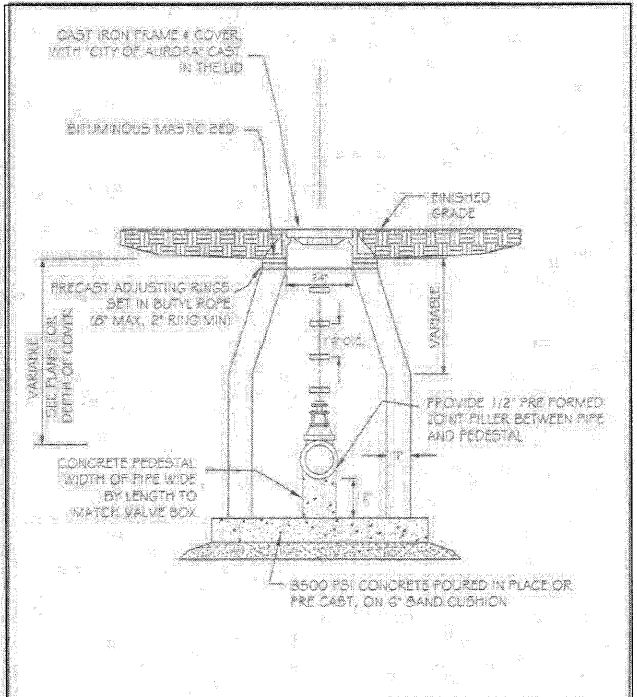
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DATE	BY	CHECKED	DRAWING NUMBER
5/95	MS	DP	
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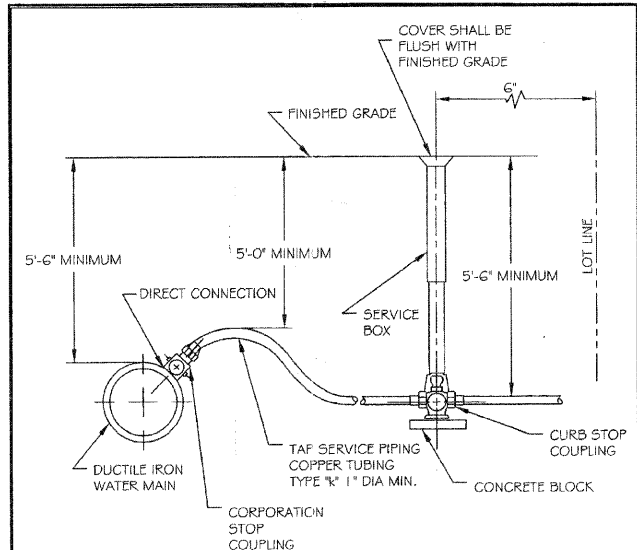
REVISIONS		WATER MAIN LOWERING DETAIL	
DATE	BY	CHECKED	DRAWING NUMBER
		DP	
SCALE: NOT TO SCALE		DATE: 1/95	



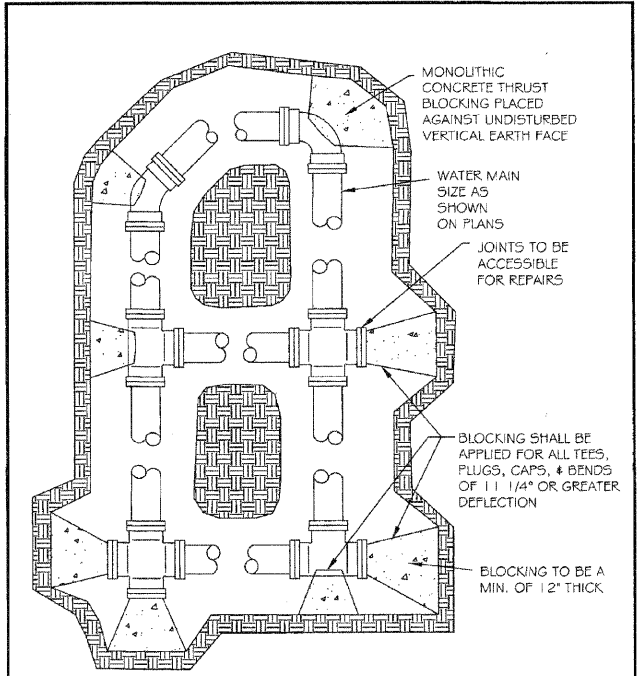
REVISIONS		TYPICAL VALVE BOX	
DATE	BY	CHECKED	DRAWING NUMBER
		DP	
SCALE: NOT TO SCALE		DATE: 1/04	



REVISIONS		VALVE VAULT	
DATE	BY	CHECKED	DRAWING NUMBER
		DP	
SCALE: NOT TO SCALE		DATE: 1/04	



REVISIONS		TYPICAL DOMESTIC WATER SERVICE TAP	
DATE	BY	CHECKED	DRAWING NUMBER
		DP	
SCALE: NOT TO SCALE		DATE: 06/02	



REVISIONS		THRUST BLOCKING	
DATE	BY	CHECKED	DRAWING NUMBER
		DP	
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 USER NAME = USER

**RHAA**  
 Robert H. Anderson & Associates, Inc.  
 Consulting Engineers & Land Surveyors  
 License No. 04-005281  
 Phone No. 630-584-3530

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION	
NAME	DATE	CONSTRUCTION DETAILS	
		SCALE: VERT. NONE	
		DATE: 1/7/09	
		DRAWN BY	
		CHECKED BY TC/SBP	

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1503	08-00260-01-PV	KANE	176	113
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

**Minimum Restraint Length (ft) on both sides of the Fitting**

Fitting Type/Nominal Size	6"	8"	12"	16"
1 1/4" Bend	2	3	4	6
2 1/2" Bend	5	6	9	11
45° Bend	10	13	18	23
90° Bend	23	30	43	56
Dead End	31	40	57	74
Top Side of a Vertical Offset <sup>1</sup>	19	25	35	46
Tee Run x Branch <sup>2</sup>	6" BY	24		
Tee Run x Branch <sup>2</sup>	8" BY	22	34	
Tee Run x Branch <sup>2</sup>	12" BY	18	31	51
Tee Run x Branch <sup>2</sup>	16" BY	14	28	48
Reducer <sup>3</sup>	8" BY	17		
Reducer <sup>3</sup>	12" BY	42	30	
Reducer <sup>3</sup>	16" BY	62	54	31

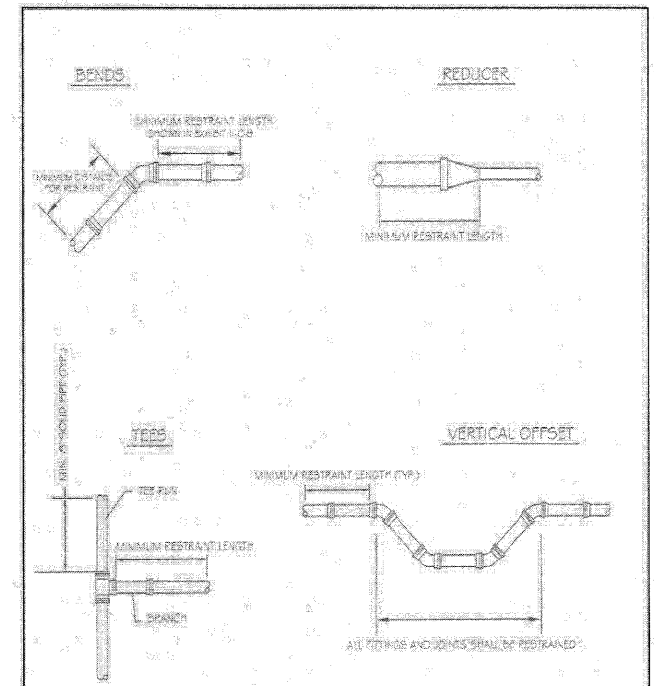
<sup>1</sup> All joints within the lowered section of the watermain shall be restrained or shall be solid pipe. The above distances reflect the required restraint distance on the normally elevated watermain either side of the 45° fitting of the vertical offset (or lowering).

<sup>2</sup> Minimum of 8 ft of solid pipe is required on both sides of the fitting on the run side. Distance indicates the length of restraint on the branch side or the side perpendicular to the tee run watermain.

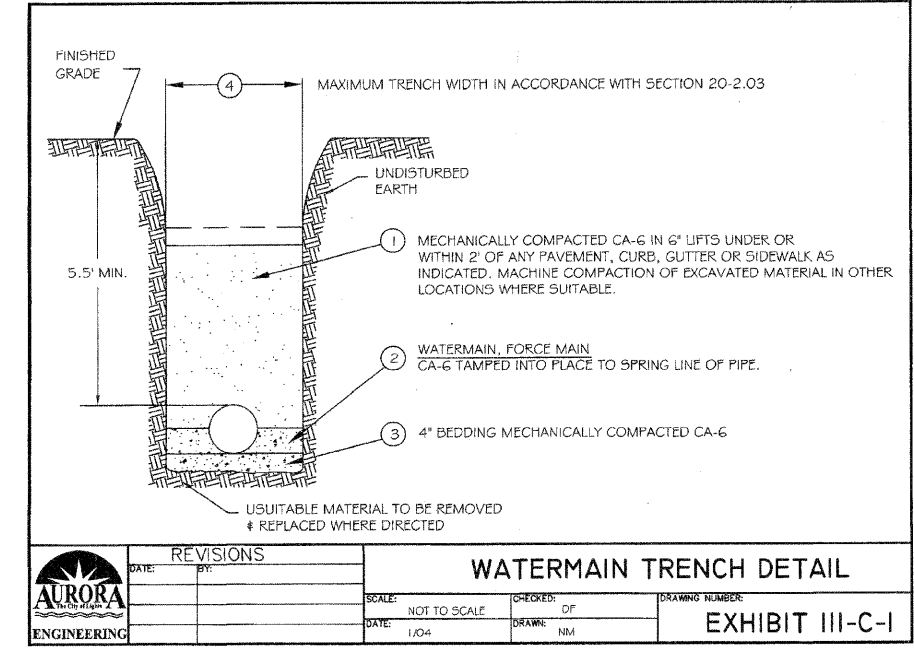
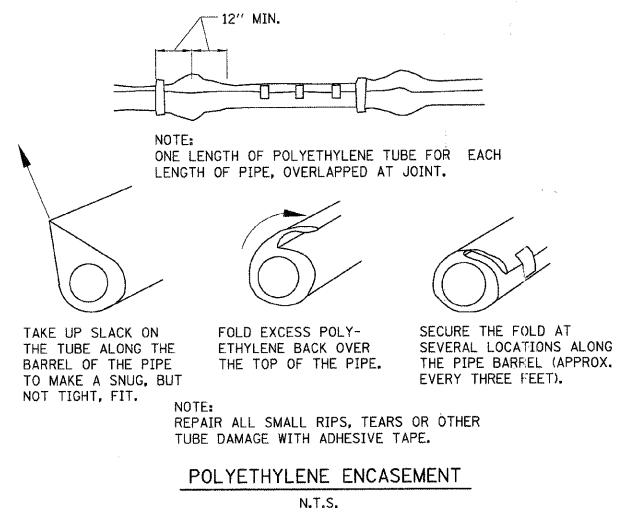
<sup>3</sup> Indicates the distance from the larger end of the reducer.

Notes: 1) All nuts and bolts shall be stainless steel.  
2) The entire restraint system from the fitting to the minimum restraint distance must be inspected by The City of Aurora or its representative prior to backfilling.

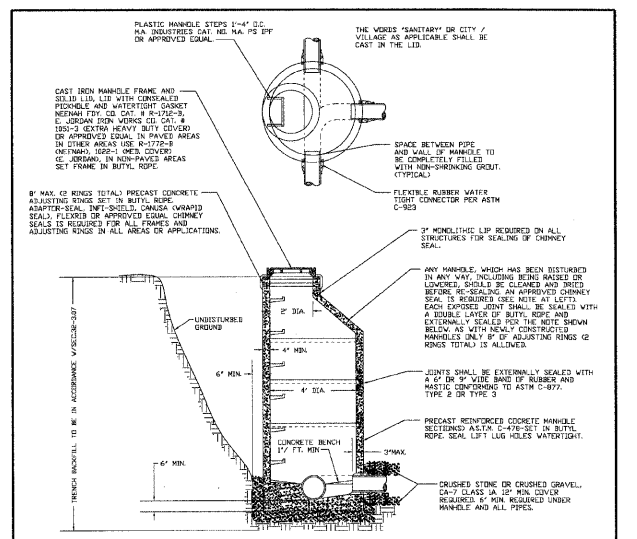
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	Date:	By:	Scale:	Checked:
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			Date:	Drawn:
			2/04	DF
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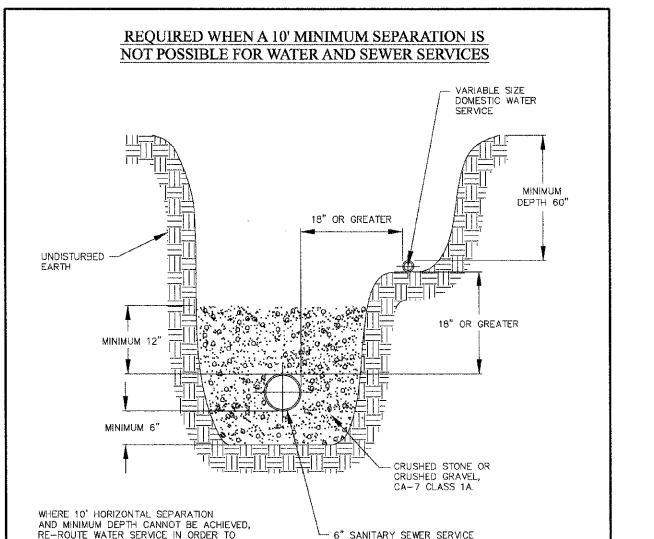
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			Date:	Drawn:
			2/04	DF
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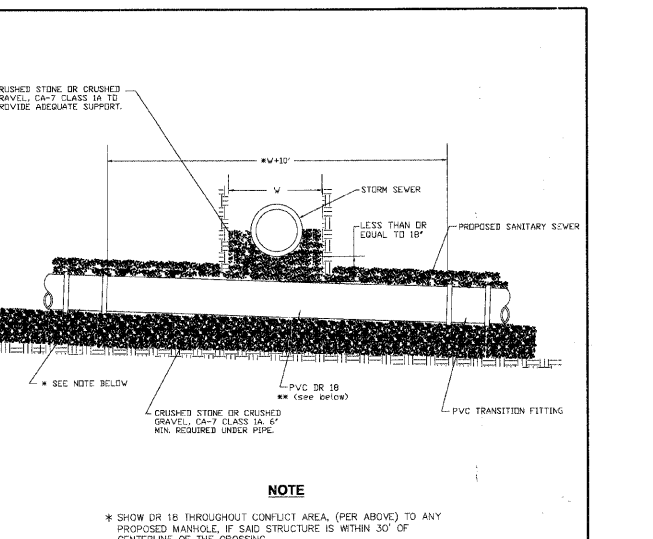
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	Date:	By:	Scale:	Checked:
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			Date:	Drawn:
			1/04	NM
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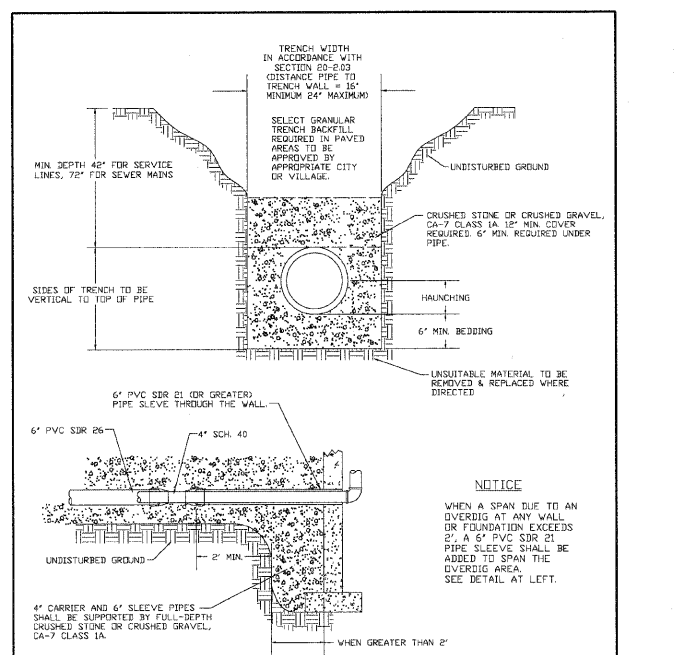
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	DATE 05-12-00	SCALE NTS	REVISION	REVISION	REVISION



	DESIGNED F/M/R/D		REVISION		OB
	DATE 08-28-00	SCALE NTS	REVISION	REVISION	REVISION



	DESIGNED F/M/R/D		REVISION		OB
	DATE 05-15-00	SCALE NTS	REVISION	REVISION	REVISION



	DESIGNED F/M/R/D		REVISION		OB
	DATE 05-12-00	SCALE NTS	REVISION	REVISION	REVISION

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION	
NAME	DATE	CONSTRUCTION DETAILS	

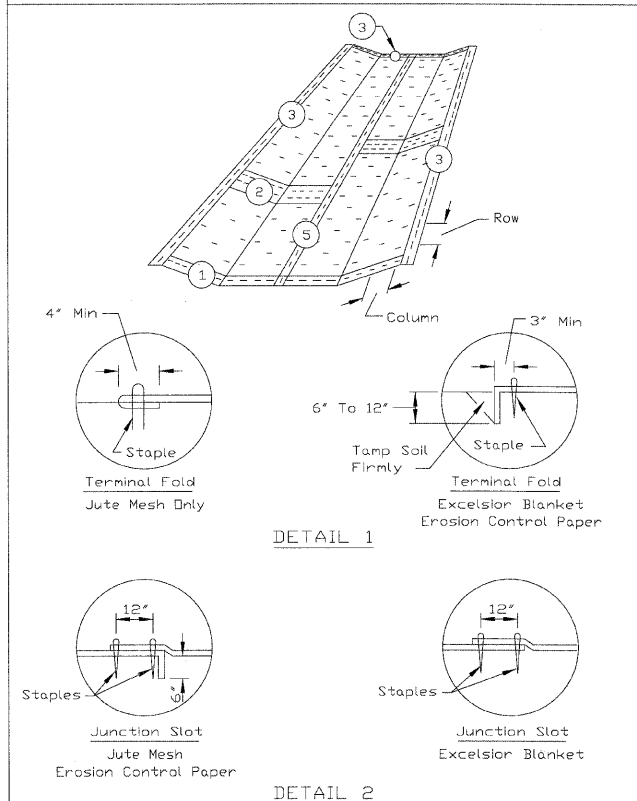
**RHAA**  
Robert H. Anderson & Associates, Inc.  
Consulting Engineers & Land Surveyors  
License No. 064-005281  
Phone No. 630-584-3530

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DATE: 1/7/09  
DRAWN BY: TC/SBP  
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PLOT DATE = 1/7/2009  
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F.A.U. NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1503	08-00260-01-PV	KANE	176	114
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

EROSION BLANKET PLAN

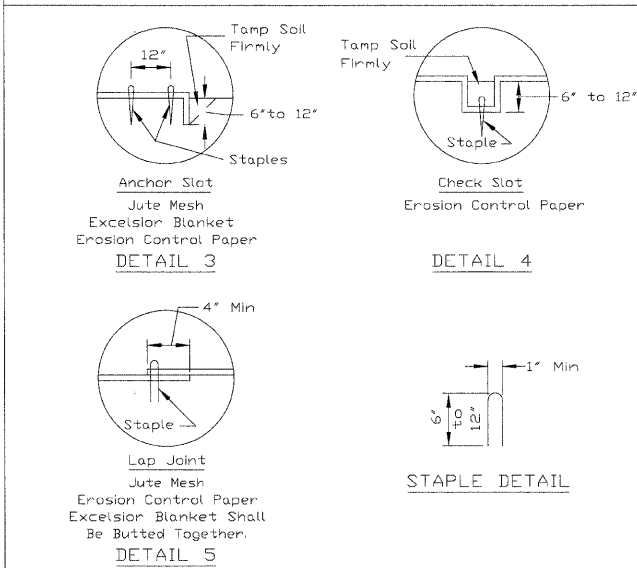


DETAIL 1

DETAIL 2

REFERENCE Project	DATE	<p>NRCS Natural Resources Conservation Service</p>	STANDARD DWG. NO.
Designed	DATE		IL-530
Checked	DATE		SHEET 1 OF 2
Approved	DATE		DATE 5-24-94

EROSION BLANKET PLAN



DETAIL 3

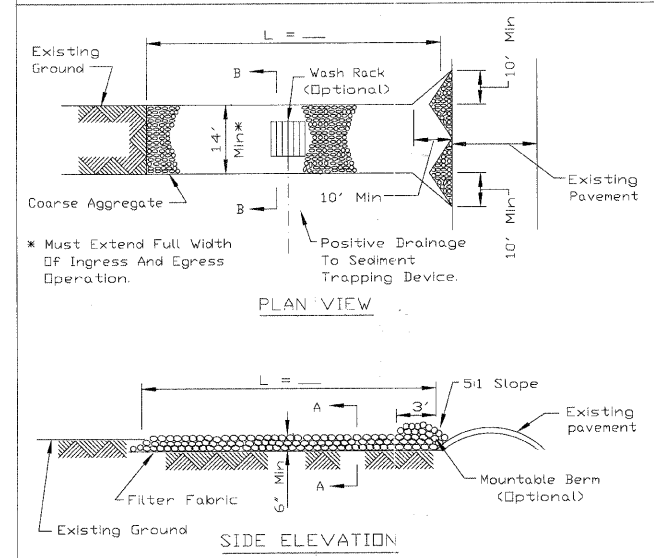
DETAIL 4

STAPLE DETAIL

- NOTES:
- On erosion control paper, check slots, in ditch channel shall be spaced so that one occurs within each 50' on slopes of more than 4% and less than 6%. On slopes of 6% or more, they shall be spaced so that one occurs within each 25'.
  - Staples are to be placed alternately, in columns approximately 2' apart and in rows approximately 3' apart. Approximately 175 staples are required per 4' x 225' roll of material and 125 staples are required per 4' x 150' roll of material.
  - Erosion control material shall be placed loosely over ground surface. Do not stretch.
  - All terminal ends and transverse laps shall be stapled at approximately 12' intervals.

REFERENCE Project	DATE	<p>NRCS Natural Resources Conservation Service</p>	STANDARD DWG. NO.
Designed	DATE		IL-530
Checked	DATE		SHEET 2 OF 2
Approved	DATE		DATE 3-1-95

STABILIZED CONSTRUCTION ENTRANCE PLAN



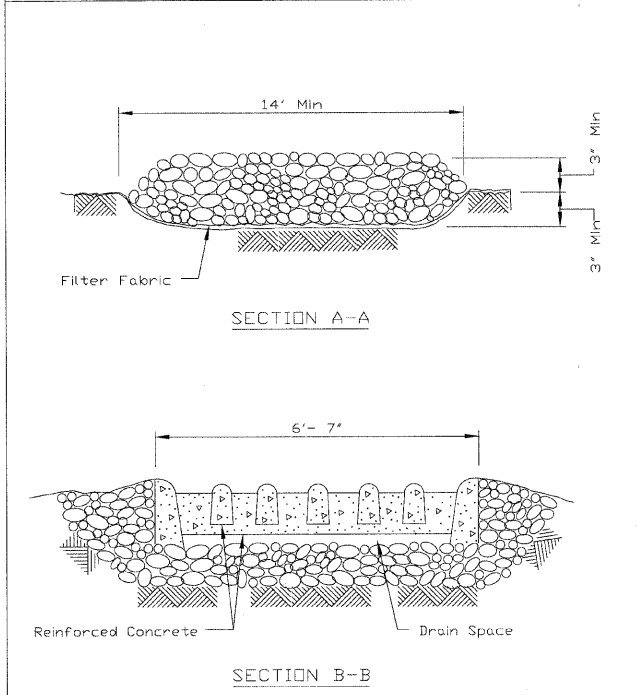
PLAN VIEW

SIDE ELEVATION

- NOTES:
- Filter fabric shall meet the requirements of material specification 592 GEOTEXTILE, Table I or 2, Class I, II or IV and shall be placed over the cleared area prior to the placing of rock.
  - Rock or reclaimed concrete shall meet one of the following IDOT course aggregate gradation, CA-1, CA-2, CA-3 or CA-4 and be placed according to construction specification 25 ROCKFILL using placement Method 1 and Class III compaction.
  - Any drainage facilities required because of washing shall be constructed according to manufacturers specifications.
  - If wash racks are used they shall be installed according to the manufacturer's specifications.

REFERENCE Project	DATE	<p>NRCS Natural Resources Conservation Service</p>	STANDARD DWG. NO.
Designed	DATE		IL-630
Checked	DATE		SHEET 1 OF 2
Approved	DATE		DATE 8-18-94

STABILIZED CONSTRUCTION ENTRANCE PLAN



SECTION A-A

SECTION B-B

REFERENCE Project	DATE	<p>NRCS Natural Resources Conservation Service</p>	STANDARD DWG. NO.
Designed	DATE		IL-630
Checked	DATE		SHEET 2 OF 2
Approved	DATE		DATE 8-18-94

PLOT DATE = 1/5/2009  
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 USER NAME = USER



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

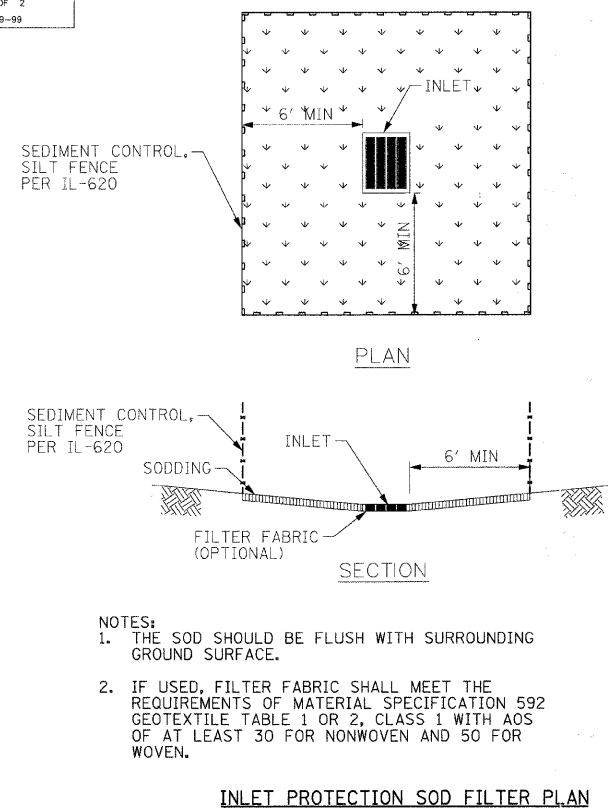
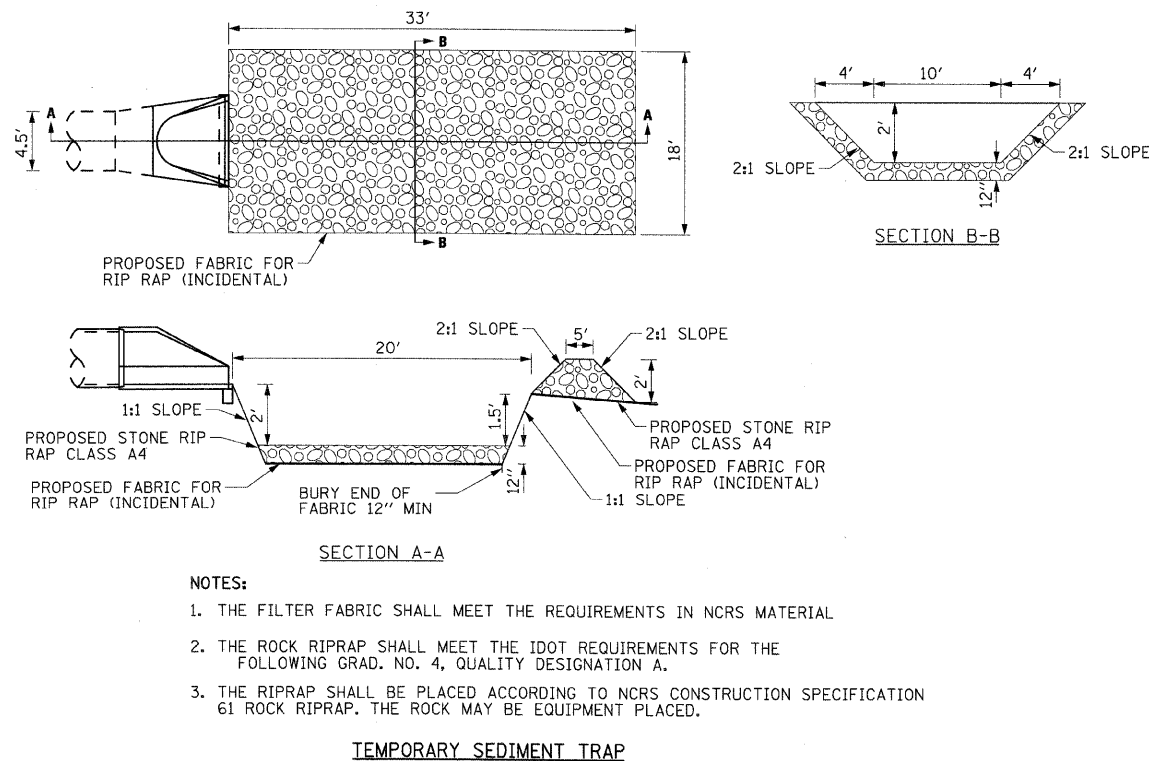
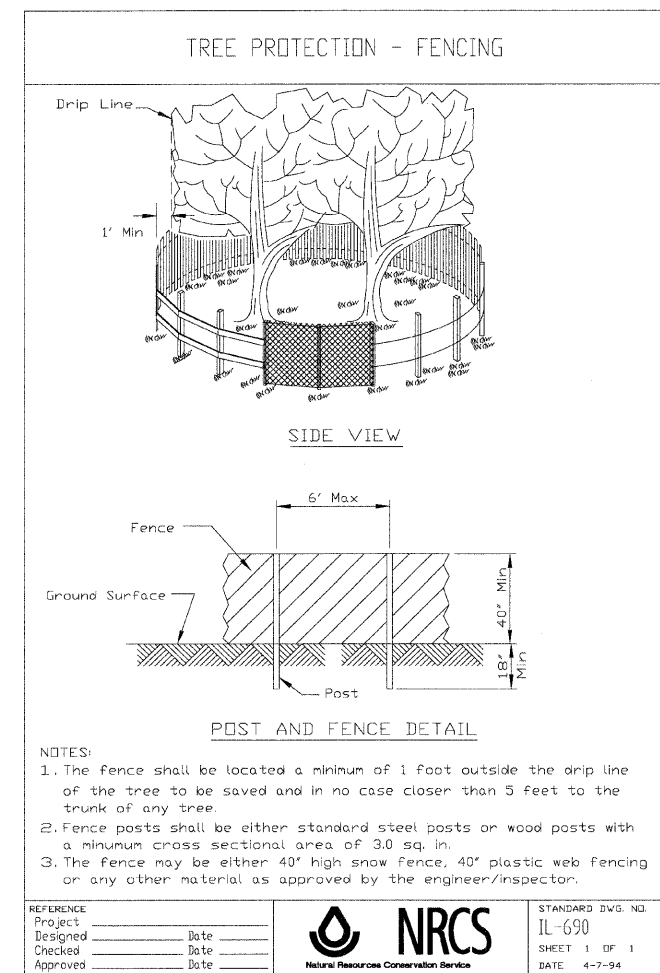
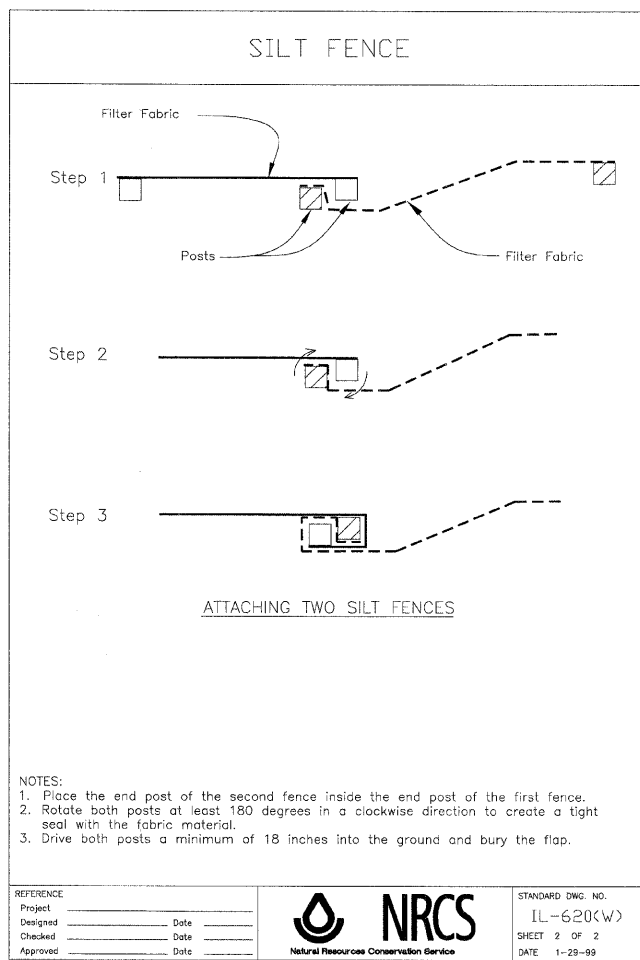
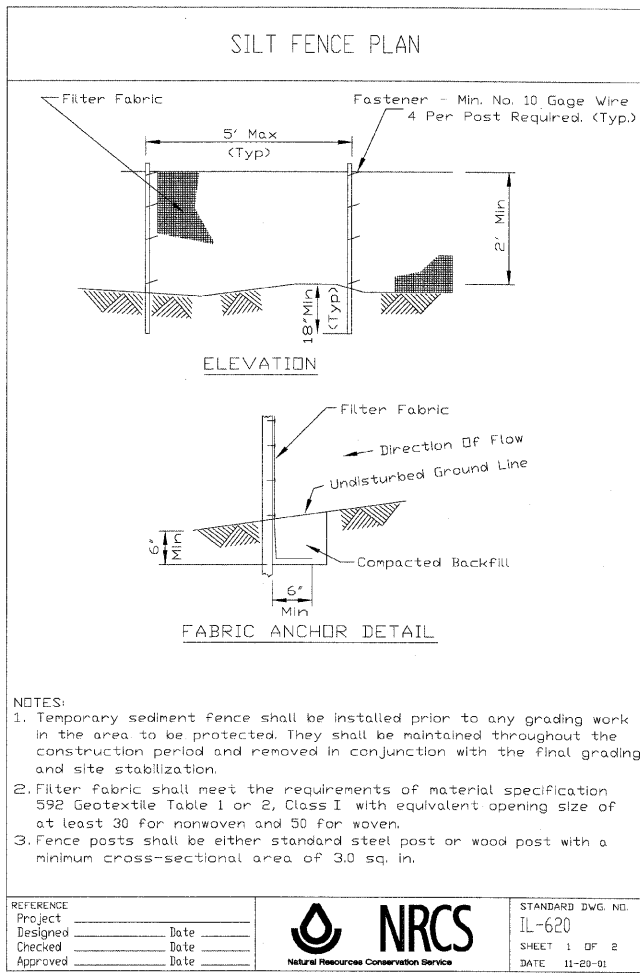
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HORIZ. NONE

DATE 1/7/09

DRAWN BY  
CHECKED BY TC

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1503	08-00260-01-PV	KANE	176	115
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION
NAME	DATE	
		CONSTRUCTION DETAILS

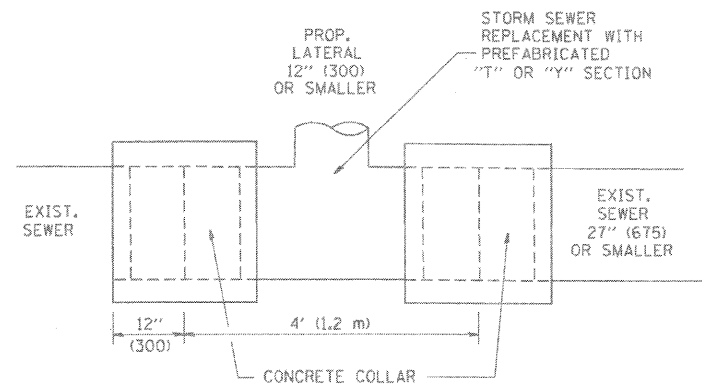
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Robert H. Anderson & Associates, Inc.  
Consulting Engineers & Land Surveyors  
License No. 184-005281  
Phone No. 630-584-3530

SCALE: VERT. HORIZ. NONE  
DATE 1/7/09

DRAWN BY TC  
CHECKED BY TC

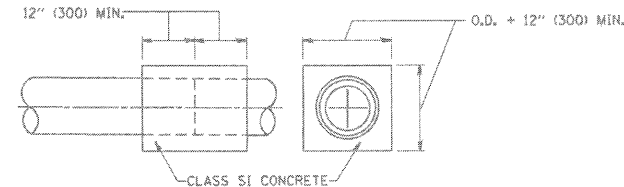
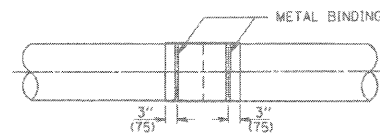
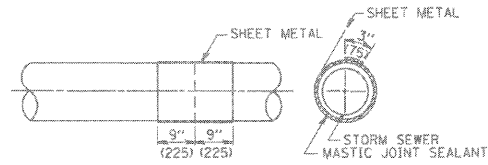
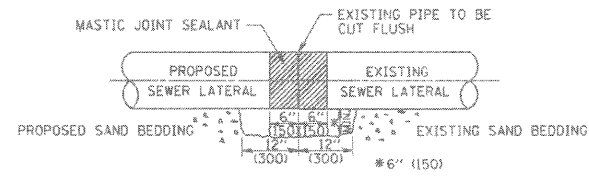
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F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1503	08-00260-01-PV	KANE	176	116
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	



DETAIL "A"

LATERAL CONNECTION TO EXISTING SEWER OF 27" (675) OR SMALLER

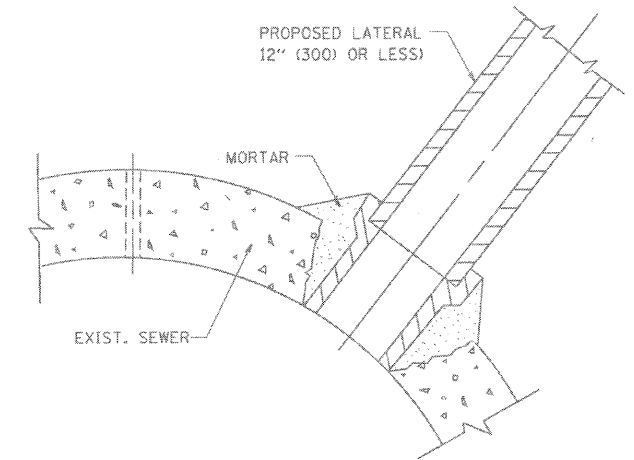


DETAIL "B"

CLASS SI CONCRETE COLLAR

CONSTRUCTION SEQUENCE

- CUT THE EXISTING END OF THE PIPE SO AS TO PRESENT A FLUSH BUTT JOINT. BRUSH AND CLEAN ALL PIPES.
- APPLY THE MASTIC JOINT SEALANT TO THE FIRST 6" (150) OF EACH PIPE.
- BUTT THE PIPES TOGETHER LEAVING A MINIMUM OF 12" x 6" (300 x 150) DEEP EXCAVATION UNDER AND AROUND EACH PIPE END.
- CUT A PIECE OF SHEET METAL GAGE NO. 19 1.1 (0.0418) 18" (450) WIDE BY THE OUTSIDE CIRCUMFERENCE OF THE PIPE PLUS 3" (75) LONG.
- WRAP THE SHEET METAL AROUND THE PIPES, 9" (225) ON EACH SIDE OF THE JOINT, STARTING AT THE TOP OF THE PIPE.
- LAP THE SHEET METAL AT LEAST 3" (75) AT THE TOP OF THE PIPE AND PLACE THE MASTIC JOINT SEALANT BETWEEN THE LAP.
- PLACE TWO METAL BANDS AROUND THE SHEET METAL AND TIGHTEN.
- WIPE OFF ANY EXCESS MASTIC JOINT SEALANT THAT OZES OUT FROM BETWEEN THE SHEET METAL AND THE PIPES.
- PLACE CLASS SI CONCRETE AROUND THE JOINT.



DETAIL "C"

PROPOSED LATERAL CONNECTION TO EXISTING SEWER OF 30" (750) OR LARGER

NOTES

MATERIAL

MATERIAL USED FOR THE TEE OR WYE SECTION SHALL BE COMPATIBLE WITH THE EXISTING STORM SEWER OR THE PROPOSED STORM SEWER.

CONSTRUCTION METHODS

- THIS WORK SHALL BE CONSTRUCTED IN CONFORMANCE WITH THE APPLICABLE PORTIONS OF SECTION 550 OF THE STANDARD SPECIFICATIONS.
- CONNECTION TO AN EXISTING STORM SEWER SHALL BE BY EITHER OF THE FOLLOWING METHODS:
  - PROPOSED STORM SEWER CONNECTION TO EXISTING SEWER OF 27" (675) OR SMALLER SEE DETAIL "A" AND "B".
  - PROPOSED STORM SEWER CONNECTION TO EXISTING SEWER OF 30" (750) OR LARGER SEE DETAIL "C".

IF THE EXISTING SEWER PIPE IS CRACKED, BROKEN OR OTHERWISE DAMAGED BY THE CONTRACTOR IN MAKING THE CIRCULAR OPENING, THE CONTRACTOR SHALL REPLACE THAT SECTION OF PIPE WITH PIPE EQUAL AND SIMILAR IN ALL RESPECTS TO THE PIPE IN THE EXISTING SEWER, IN A CAREFUL WORKMANLIKE MANNER, WITHOUT EXTRA COMPENSATION.

GENERAL

CARE MUST BE TAKEN TO PREVENT DEBRIS FROM ENTERING THE SEWER. ALL DEBRIS WHICH ENTERS THE SEWER MUST BE REMOVED. THE SEWER MUST BE LEFT CLEAN AND UNOBSTRUCTED UPON COMPLETION OF THE CONTRACT.

CARE MUST BE TAKEN TO PREVENT ANY PART OF THE NEW PIPE CONNECTION FROM PROJECTING INTO THE EXISTING SEWER.

BASIS OF PAYMENT

TEE OR WYE CONNECTIONS SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE EACH FOR STORM SEWER TEE OR WYE OF THE TYPE AND SIZE SPECIFIED IN THE PLANS. THIS PRICE SHALL INCLUDE ALL EXCAVATION OF THE TRENCH, REMOVAL OF THE EXISTING STORM SEWER, FURNISHING AND INSTALLING THE SPECIFIED TEE OR WYE SECTION, FURNISHING AND INSTALLING THE REQUIRED CONCRETE COLLAR, AND ALL OTHER MATERIAL NECESSARY TO COMPLETE THIS WORK AS SHOWN AND SPECIFIED.

REMOVAL AND REINSTALLATION OF EXISTING STORM SEWER ADJACENT TO THE PROPOSED TEE OR WYE SECTION, FOR THE PURPOSE OF FACILITATING THE INSTALLATION OF THE TEE OR WYE SECTION, WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE UNIT PRICE BID FOR THE WORK.

TRENCH BACKFILL, EXCAVATION IN ROCK AND REMOVAL AND REPLACEMENT OF UNSUITABLE MATERIAL BELOW PLAN BEDDING GRADE WILL BE PAID FOR SEPARATELY.

CONCRETE COLLAR FOR CONNECTING A PROPOSED STORM SEWER TO AN EXISTING STORM SEWER WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE COST OF THE PROPOSED STORM SEWER.

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.

MATERIAL

MATERIAL USED FOR THE TEE OR WYE SECTION SHALL BE COMPATIBLE WITH THE EXISTING STORM SEWER OR THE PROPOSED STORM SEWER.

CONSTRUCTION METHODS

- THIS WORK SHALL BE CONSTRUCTED IN CONFORMANCE WITH THE APPLICABLE PORTIONS OF SECTION 550 OF THE STANDARD SPECIFICATIONS.
- CONNECTION TO AN EXISTING STORM SEWER SHALL BE BY EITHER OF THE FOLLOWING METHODS:
  - PROPOSED STORM SEWER CONNECTION TO EXISTING SEWER OF 27" (675) OR SMALLER SEE DETAIL "A" AND "B".
  - PROPOSED STORM SEWER CONNECTION TO EXISTING SEWER OF 30" (750) OR LARGER SEE DETAIL "C".

IF THE EXISTING SEWER PIPE IS CRACKED, BROKEN OR OTHERWISE DAMAGED BY THE CONTRACTOR IN MAKING THE CIRCULAR OPENING, THE CONTRACTOR SHALL REPLACE THAT SECTION OF PIPE WITH PIPE EQUAL AND SIMILAR IN ALL RESPECTS TO THE PIPE IN THE EXISTING SEWER, IN A CAREFUL WORKMANLIKE MANNER, WITHOUT EXTRA COMPENSATION.

GENERAL

CARE MUST BE TAKEN TO PREVENT DEBRIS FROM ENTERING THE SEWER. ALL DEBRIS WHICH ENTERS THE SEWER MUST BE REMOVED. THE SEWER MUST BE LEFT CLEAN AND UNOBSTRUCTED UPON COMPLETION OF THE CONTRACT.

CARE MUST BE TAKEN TO PREVENT ANY PART OF THE NEW PIPE CONNECTION FROM PROJECTING INTO THE EXISTING SEWER.

BASIS OF PAYMENT

TEE OR WYE CONNECTIONS SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE EACH FOR STORM SEWER TEE OR WYE OF THE TYPE AND SIZE SPECIFIED IN THE PLANS. THIS PRICE SHALL INCLUDE ALL EXCAVATION OF THE TRENCH, REMOVAL OF THE EXISTING STORM SEWER, FURNISHING AND INSTALLING THE SPECIFIED TEE OR WYE SECTION, FURNISHING AND INSTALLING THE REQUIRED CONCRETE COLLAR, AND ALL OTHER MATERIAL NECESSARY TO COMPLETE THIS WORK AS SHOWN AND SPECIFIED.

REMOVAL AND REINSTALLATION OF EXISTING STORM SEWER ADJACENT TO THE PROPOSED TEE OR WYE SECTION, FOR THE PURPOSE OF FACILITATING THE INSTALLATION OF THE TEE OR WYE SECTION, WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE UNIT PRICE BID FOR THE WORK.

TRENCH BACKFILL, EXCAVATION IN ROCK AND REMOVAL AND REPLACEMENT OF UNSUITABLE MATERIAL BELOW PLAN BEDDING GRADE WILL BE PAID FOR SEPARATELY.

CONCRETE COLLAR FOR CONNECTING A PROPOSED STORM SEWER TO AN EXISTING STORM SEWER WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE COST OF THE PROPOSED STORM SEWER.

ILLINOIS DEPARTMENT OF TRANSPORTATION

STORM SEWER CONNECTION TO EXISTING SEWER

REVISIONS	
NAME	DATE
M. DE YONG	07/25/90
M. DE YONG	02/05/92
M. DE YONG	05/08/93
R. SHAH	09/09/94
R. SHAH	10/25/94
R. SHAH	06/12/98

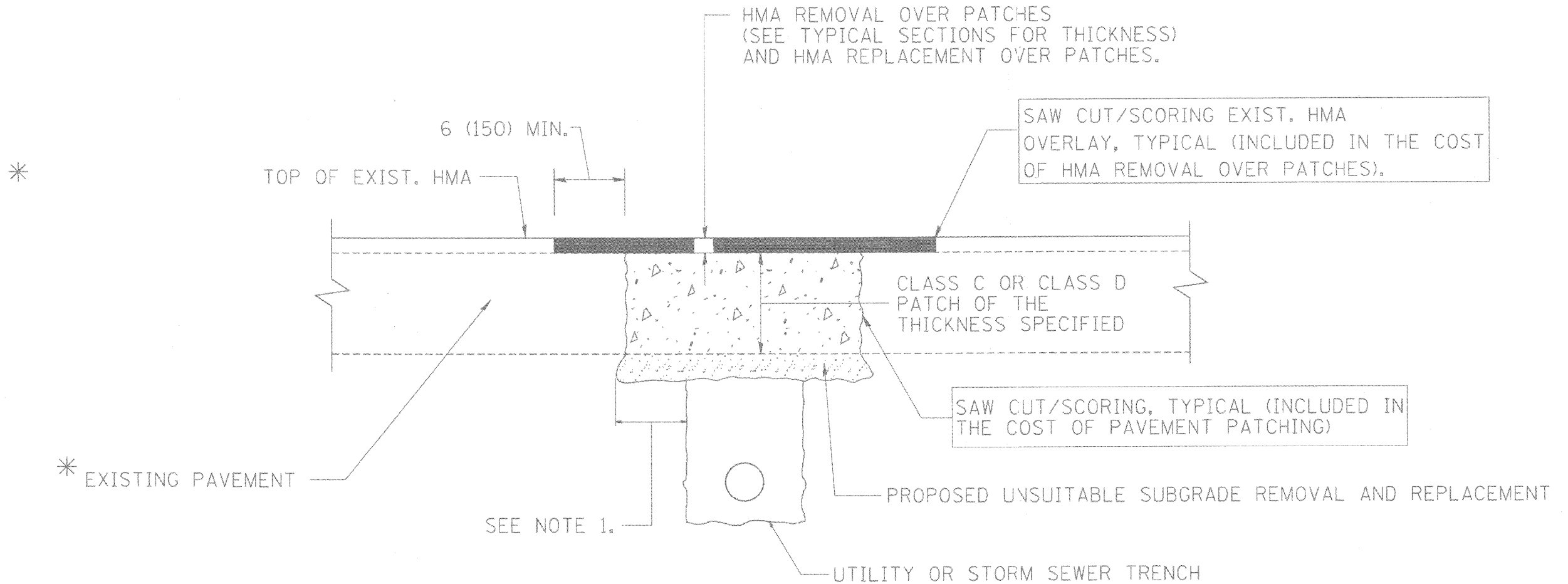
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 License No. 094-005381  
 Phone No. 630-584-3530



F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1503	08-00260-01-PV	KANE	176	117
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



\* SEE TYPICAL SECTIONS FOR THICKNESS AND MATERIALS

NOTES:

1. THE WIDTH OF THE FULL DEPTH PATCH OVER A TRENCH SHALL BE 12 (300) WIDER ON EACH SIDE OF THE TRENCH.
2. FOR METHOD OF MEASUREMENT AND BASIS OF PAYMENT, SEE RECURRING SPECIAL PROVISION "PATCHING WITH HOT-MIX ASPHALT OVERLAY REMOVAL".

SEQUENCE OF CONSTRUCTION

1. REMOVE THE EXISTING HMA MATERIAL OVER THE AREA TO BE PATCHED.
2. REMOVE AND REPLACE FULL DEPTH PATCHES
3. REPLACE HMA MATERIAL OVER THE AREA TO BE PATCHED.

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.

REVISIONS	
NAME	DATE
R. SHAH	10/26/94
R. SHAH	01/14/95
R. SHAH	03/23/98
R. SHAH	04/24/98
A. HOUSEH	03/15/96
A. ABBAS	03/21/97
A. ABBAS	01/20/98
ART ABBAS	04/27/98
R. BORO	01/01/07
R. BORO	09/04/07

ILLINOIS DEPARTMENT OF TRANSPORTATION

PAVEMENT PATCHING FOR HMA SURFACED PAVEMENT

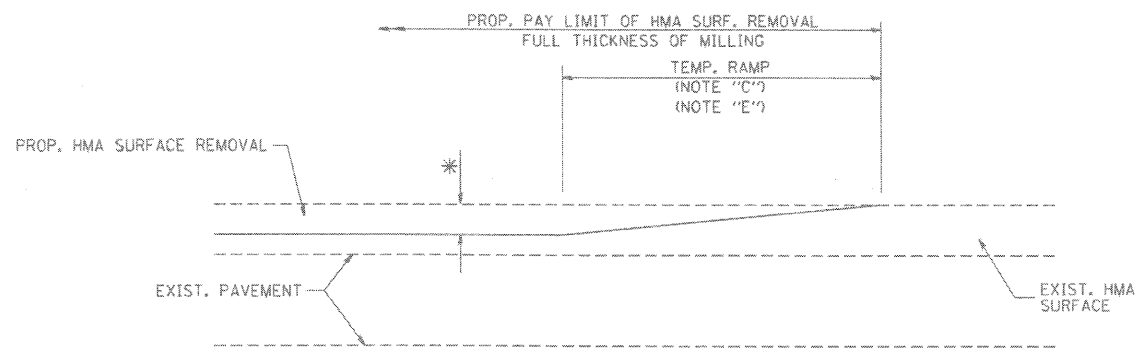
**RHA&A**

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Consulting Engineers & Land Surveyors  
License No. 014-005281  
Phone No. 630-584-3530

SCALE: VERT. HORIZ. DATE 1/7/09

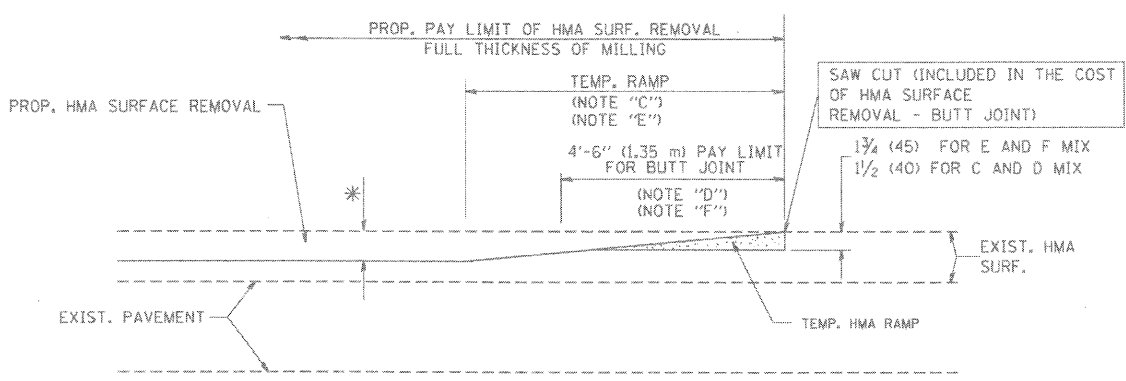
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F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1503	08-00260-01-PV	KANE	176	118
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



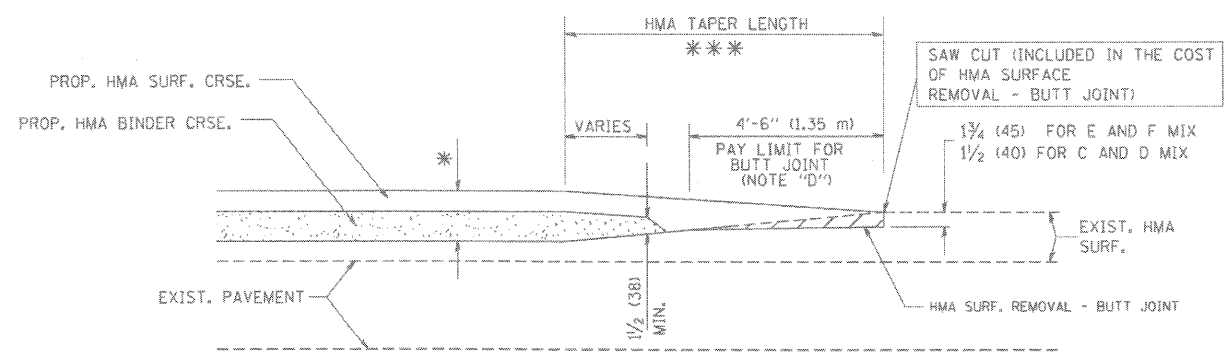
MILLED TEMPORARY RAMP  
(FOR BUTT JOINT AND HMA TAPER SEE DETAIL BELOW)

OPTION 1



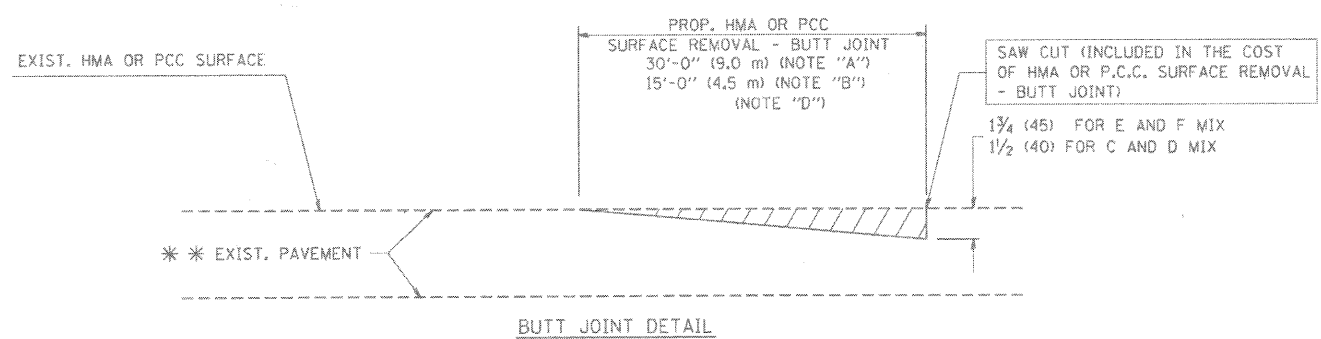
HMA CONSTRUCTED TEMPORARY RAMP  
(FOR BUTT JOINT AND HMA TAPER SEE DETAIL BELOW)

OPTION 2  
TYPICAL TEMPORARY RAMP

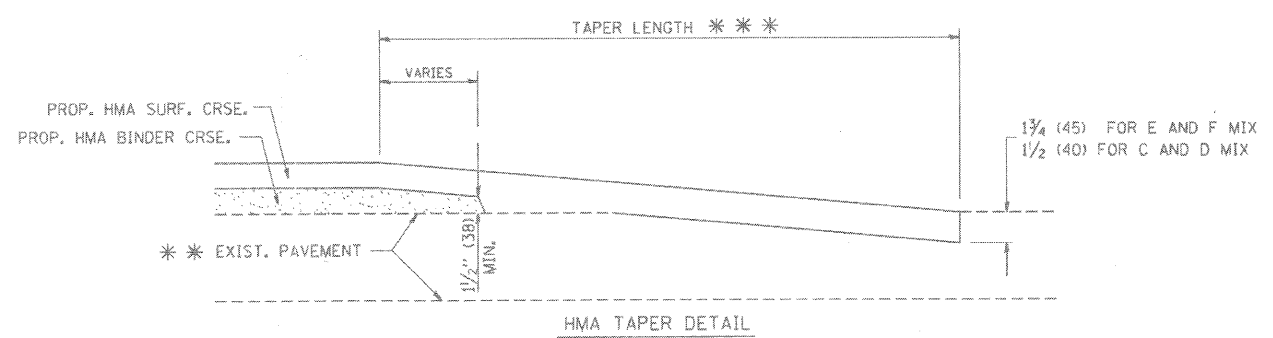


BUTT JOINT AND HMA TAPER

TYPICAL BUTT JOINT AND HMA TAPER  
FOR MILLING AND RESURFACING



BUTT JOINT DETAIL



HMA TAPER DETAIL

TYPICAL BUTT JOINT AND HMA TAPER  
FOR RESURFACING ONLY

\*\* PC CONCRETE, HMA OR HMA RESURFACED PAVEMENT.

NOTES

- A: MAINLINE ROADWAYS AND MAJOR SIDE ROADS.
  - B: MINOR SIDE ROADS.
  - C: THE TEMP. RAMP SHALL BE CONSTRUCTED IMMEDIATELY UPON REMOVAL OF THE EXISTING HMA SURFACE.
  - D: THE BUTT JOINT SHALL BE CONSTRUCTED IMMEDIATELY PRIOR TO PLACING THE PROPOSED HMA COURSES.
  - E: TAPER THE TEMP. RAMP AT A RATE OF 3'-0" (900 mm) PER 1 INCH (25 mm) OF MILLING THICKNESS.
  - F: INSTALLATION AND REMOVAL OF THE 4'-6" (1.35 m) TEMP. RAMP IS INCLUDED IN COST OF HMA SURFACE REMOVAL - BUTT JOINT
  - G: SEE ARTICLE 406.08 AND 406.14 OF THE STANDARD SPECIFICATIONS FOR "HMA AND/OR PCC SURFACE REMOVAL, BUTT JOINT".
- \* SEE TYPICAL SECTIONS FOR MILLING THICKNESS.
- \*\*\* 20'-0" (6.1 m) PER 1 (25) RESURFACING (NOTE "A")  
10'-0" (3.0 m) PER 1 (25) RESURFACING (NOTE "B")

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.

BASIS OF PAYMENT:

THE BUTT JOINT WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER SQUARE YARD (SQUARE METER) FOR "HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT" AND FOR "PORTLAND CEMENT CONCRETE SURFACE REMOVAL - BUTT JOINT".



Robert H. Anderson & Associates, Inc.  
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License No. 04-005581  
Phone No. 630-584-3530

REVISIONS	
NAME	DATE
M. DE YONG	6-13-90
M. DE YONG	7-3-90
M. DE YONG	3-27-92
R. SHAH	09/09/94
R. SHAH	10/25/94
A. ABBAS	03/21/97
M. GOMEZ	04/06/01
R. BORO	01/01/07

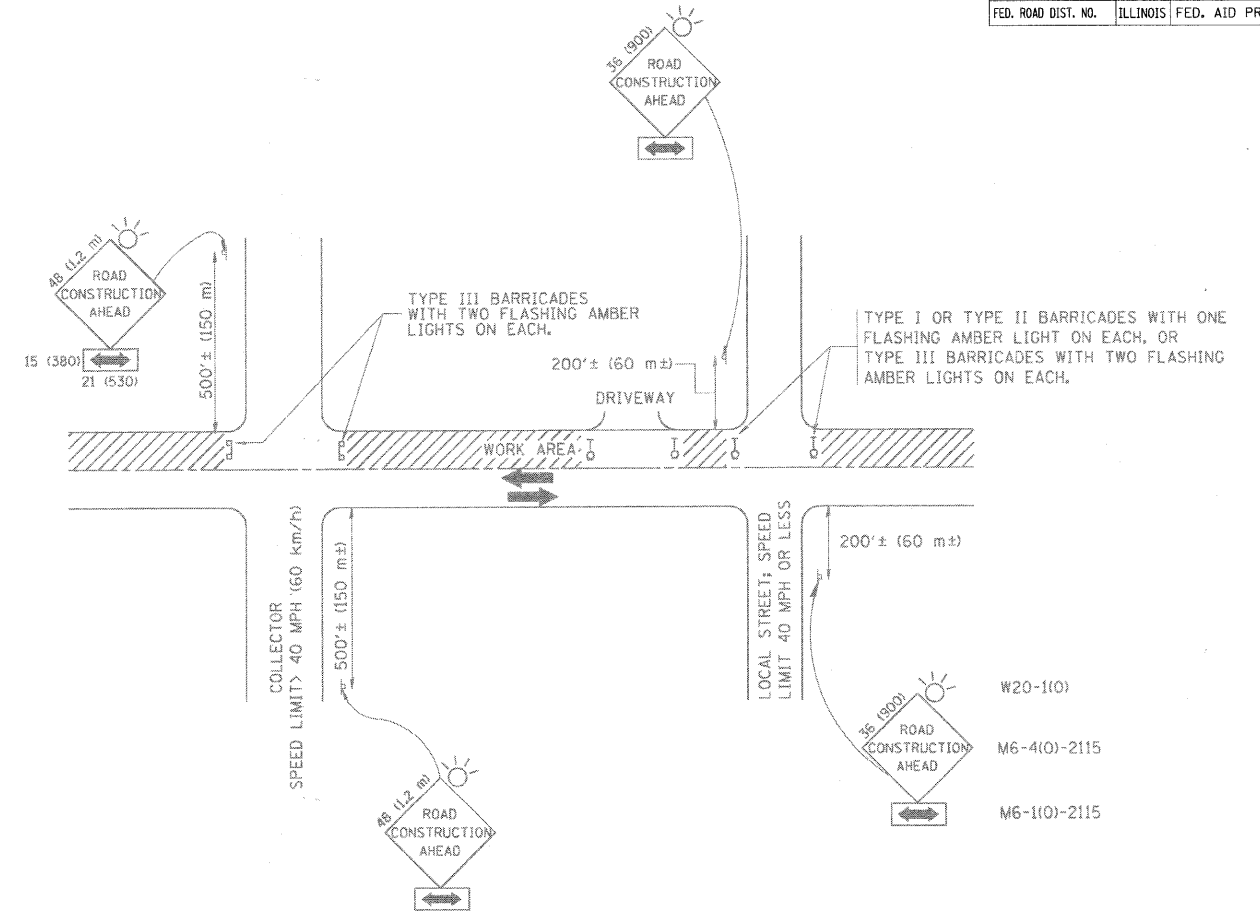
ILLINOIS DEPARTMENT OF TRANSPORTATION

BUTT JOINTS AND HMA TAPER

SCALE: VERT. HORIZ. DATE 1/7/09

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F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1503	08-00260-01-PV	KANE	176	119
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS

NOTES:

A. FOR NO LANE RESTRICTION ON THE SIDE ROAD OR DRIVEWAYS

1. SIDE ROAD WITH A SPEED LIMIT OF 40 MPH (60 km/h) OR LESS AS SHOWN ON THE DRAWING AND AS DIRECTED BY THE ENGINEER:
  - a) ONE ROAD CONSTRUCTION AHEAD SIGN 36 x 36 (900x900) WITH A FLASHER AND FLAG MOUNTED ON IT APPROXIMATELY 200' (60 m) IN ADVANCE OF THE MAIN ROUTE.
  - b) THE CLOSED PORTION OF THE MAIN ROUTE SHALL BE PROTECTED BY BLOCKING WITH TYPE I, TYPE II OR TYPE III BARRICADES, 1/3 OF THE CROSS SECTION OF THE CLOSED PORTION.
2. SIDE ROAD WITH A SPEED LIMIT GREATER THAN 40 MPH (60 km/h) AS SHOWN ON THE DRAWING AND AS DIRECTED BY THE ENGINEER:
  - a) ONE ROAD CONSTRUCTION AHEAD SIGN 48 x 48 (1.2 m x 1.2 m) WITH A FLASHER MOUNTED ON IT APPROXIMATELY 500' (150 m) IN ADVANCE OF THE MAIN ROUTE.
  - b) THE CLOSED PORTION OF THE MAIN ROUTE SHALL BE PROTECTED BY BLOCKING WITH TYPE III BARRICADES, 1/2 OF THE CROSS SECTION OF THE CLOSED PORTION.
3. WHEN THE SIDE ROAD LIES BETWEEN THE BEGINNING OF THE MAINLINE SIGNING AND THE WORK ZONE, A SINGLE HEADED ARROW (M6-1) SHALL BE USED IN LIEU OF THE DOUBLE HEADED ARROW (M6-2).

B. FOR A LANE CLOSURE ON A SIDE ROAD OR DRIVEWAY:

- USE APPLICABLE PORTIONS OF THE TYPICAL APPLICATION OF TRAFFIC CONTROL DEVICES (STD. 701501, STD. 701506 OR THE APPROPRIATE STANDARD). THE SPACING OF SIGNS AND BARRICADES SHALL BE ADJUSTED FOR FIELD CONDITIONS AS DIRECTED BY THE ENGINEER. THE DIRECTIONAL ARROW SHALL BE COVERED OR REMOVED WHEN NO LONGER CONSISTENT WITH THE SIDE ROAD LANE CLOSURE.
- C. ADVANCE WARNING SIGNS ARE TO BE OMITTED ON DRIVEWAY UNLESS OTHERWISE NOTED.
- D. THE TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS SHALL BE INCIDENTAL TO THE COST OF SPECIFIED TRAFFIC CONTROL STANDARDS OR ITEMS.

All dimensions are in millimeters (inches) unless otherwise shown.

REVISIONS	
NAME	DATE
LHA	6/89
T. RAMMACHER	09/08/94
J. OBERLE	10/18/95
A. HOUSEH	03/06/96
A. HOUSEH	10/15/96
T. RAMMACHER	01/06/00

ILLINOIS DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL AND PROTECTION FOR SIDEROADS, INTERSECTIONS, AND DRIVEWAYS

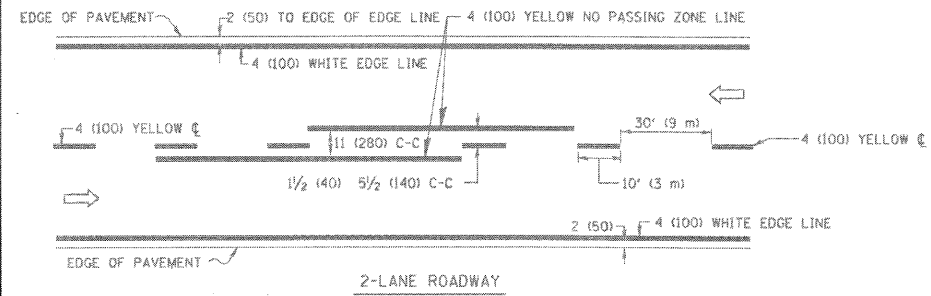
**RHA&A**

Robert H. Anderson & Associates, Inc.  
Consulting Engineers & Land Surveyors  
License No. 094-005291  
Phone No. 630-584-3530

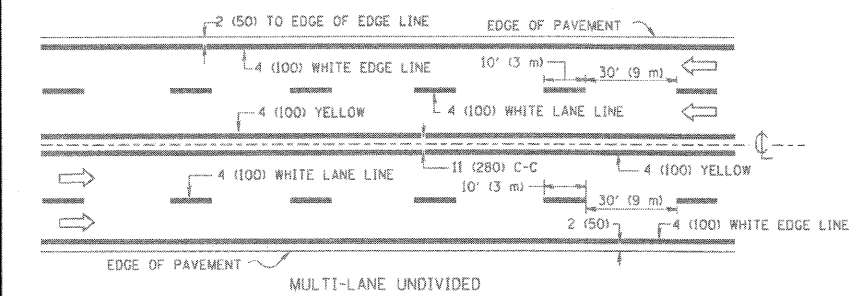
SCALE: VERT.  
HORIZ.  
DATE: 1/7/09

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CHECKED BY

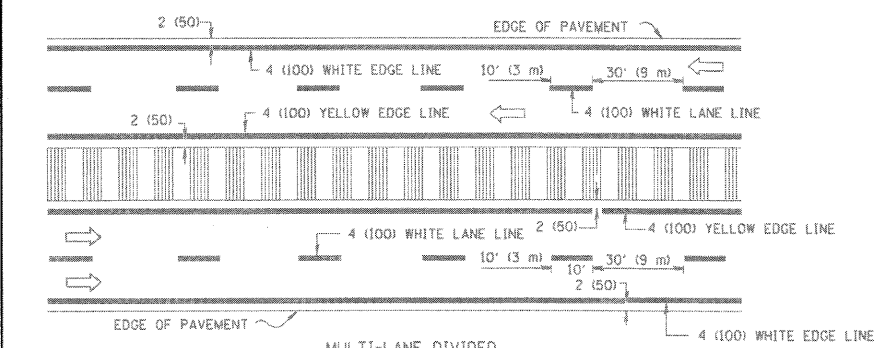
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1503	08-00260-01-PV	KANE	176	120
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	



2-LANE ROADWAY



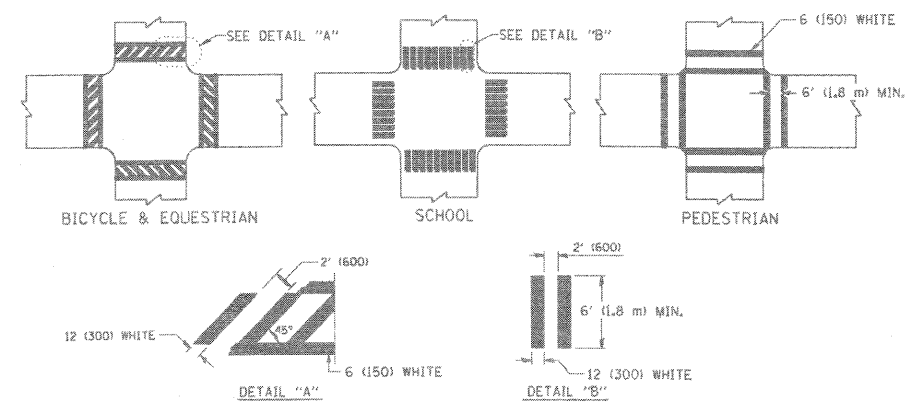
MULTI-LANE UNDIVIDED



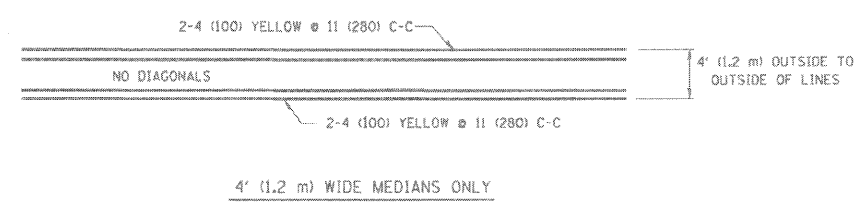
MULTI-LANE DIVIDED WITH MOUNTABLE MEDIAN

NOTE: MEDIANS WITH BARRIER CURB DO NOT REQUIRE AN EDGE LINE

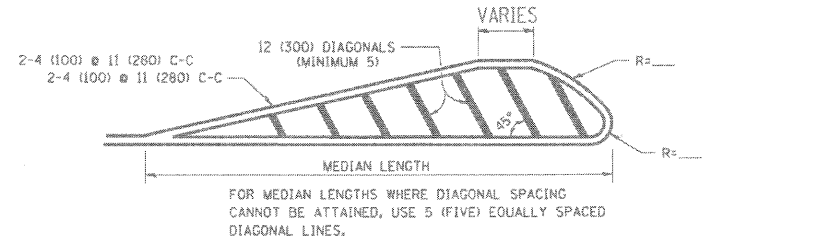
TYPICAL LANE AND EDGE LINE MARKING



TYPICAL CROSSWALK MARKING

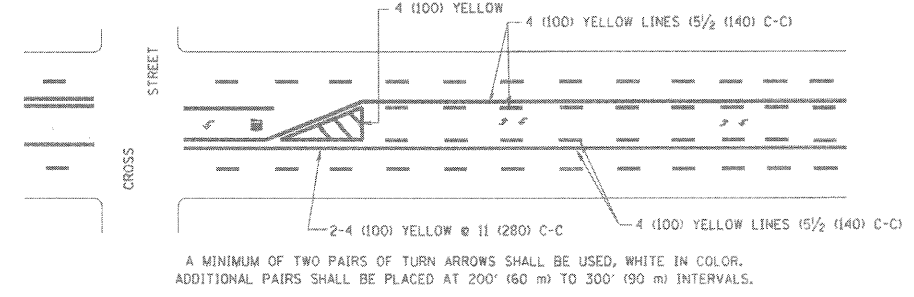


4' (1.2 m) WIDE MEDIANS ONLY

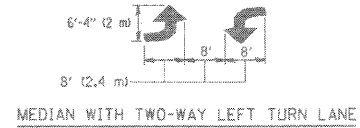


DIAGONAL LINE SPACING: 50' (15 m) C-C (LESS THAN 30MPH (50 km/h))  
75' (25 m) C-C 30MPH (50 km/h) TO 45MPH (70 km/h)  
150' (45 m) C-C (MORE THAN 45MPH (70 km/h))

MEDIANS OVER 4' (1.2 m) WIDE

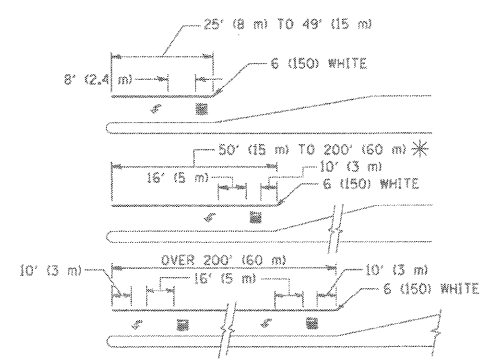


A MINIMUM OF TWO PAIRS OF TURN ARROWS SHALL BE USED, WHITE IN COLOR. ADDITIONAL PAIRS SHALL BE PLACED AT 200' (60 m) TO 300' (90 m) INTERVALS.



MEDIAN WITH TWO-WAY LEFT TURN LANE

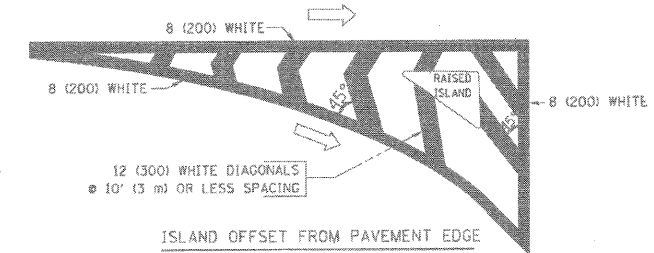
TYPICAL PAINTED MEDIAN MARKING



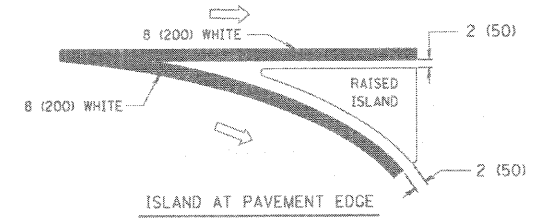
FULL SIZE LETTERS 8' (2.4 m) AND ARROWS SHALL BE USED.  
AREA = 15.6 SQ. FT. (1.5 m<sup>2</sup>) ONLY AREA = 20.8 SQ. FT. (1.9 m<sup>2</sup>)  
\* TURN LANES IN EXCESS OF 400' (120 m) IN LENGTH MAY HAVE AN ADDITIONAL SET OF ARROW - "ONLY" INSTALLED MIDWAY BETWEEN THE OTHER TWO SETS OF ARROW - "ONLY".

TYPICAL LEFT (OR RIGHT) TURN LANE

TYPICAL TURN LANE MARKING



ISLAND OFFSET FROM PAVEMENT EDGE



ISLAND AT PAVEMENT EDGE

TYPICAL ISLAND MARKING

TYPE OF MARKING	WIDTH OF LINE	PATTERN	COLOR	SPACING / REMARKS
CENTERLINE ON 2 LANE PAVEMENT	4 (100)	SKIP-DASH	YELLOW	10' (3 m) LINE WITH 30' (9 m) SPACE
CENTERLINE ON MULTI-LANE UNDIVIDED PAVEMENT	2 @ 4 (100)	SOLID	YELLOW	11 (280) C-C
NO PASSING ZONE LINES; FOR ONE DIRECTION FOR BOTH DIRECTIONS	4 (100) 2 @ 4 (100)	SOLID SKIP-DASH	YELLOW YELLOW	5/2 (140) C-C FROM SKIP-DASH CENTERLINE 11 (280) C-C OMIT SKIP-DASH CENTERLINE BETWEEN
LANE LINES	4 (100) 5 (125) ON FREEWAYS	SKIP-DASH SKIP-DASH	WHITE WHITE	10' (3 m) LINE WITH 30' (9 m) SPACE
DOTTED LINES (EXTENSIONS OF CENTER, LANE OR TURN LANE MARKINGS)	SAME AS LINE BEING EXTENDED	SKIP-DASH	SAME AS LINE BEING EXTENDED	2' (600) LINE WITH 6' (1.8 m) SPACE
EDGE LINES	4 (100)	SOLID	YELLOW-LEFT WHITE-RIGHT	OUTLINE MOUNTABLE MEDIANS IN YELLOW; EDGE LINES ARE NOT USED NEXT TO BARRIER CURB
TURN LANE MARKINGS	6 (150) LINE; FULL SIZE LETTERS & SYMBOLS (8' (2.4m))	SOLID	WHITE	SEE TYPICAL TURN LANE MARKING DETAIL
TWO WAY LEFT TURN MARKING	2 @ 4 (100) EACH DIRECTION 8' (2.4m) LEFT ARROW	SKIP-DASH AND SOLID IN PAIRS	YELLOW WHITE	10' (3 m) LINE WITH 30' (9 m) SPACE FOR SKIP-DASH; 5/2 (140) C-C BETWEEN SOLID LINE AND SKIP-DASH LINE SEE TYPICAL TWO-WAY LEFT TURN MARKING DETAIL
CROSSWALK LINES (PEDESTRIAN) A. DIAGONALS (BIKE & EQUESTRIAN) B. LONGITUDINAL BARS (SCHOOL)	2 @ 6 (150) 12 (300) @ 45° 12 (300) @ 90°	SOLID SOLID SOLID	WHITE WHITE WHITE	NOT LESS THAN 6' (1.8 m) APART 2' (600) APART 2' (600) APART SEE TYPICAL CROSSWALK MARKING DETAILS.
STOP LINES	24 (600)	SOLID	WHITE	PLACE 4' (1.2 m) IN ADVANCE OF AND PARALLEL TO CROSSWALK, IF PRESENT. OTHERWISE, PLACE AT DESIRED STOPPING POINT, PARALLEL TO CROSSROAD CENTERLINE, WHERE POSSIBLE
PAINTED MEDIANS	2 @ 4 (100) WITH 12 (300) DIAGONALS @ 45° NO DIAGONALS USED FOR 4' (1.2 m) WIDE MEDIANS	SOLID	YELLOW; TWO WAY TRAFFIC WHITE; ONE WAY TRAFFIC	11 (280) C-C FOR THE DOUBLE LINE SEE TYPICAL PAINTED MEDIAN MARKING.
GORE MARKING AND CHANNELIZING LINES	8 (200) WITH 12 (300) DIAGONALS @ 45°	SOLID	WHITE	DIAGONALS: 15' (4.5 m) C-C (LESS THAN 30MPH (50 km/h)) 20' (6 m) C-C 30MPH (50 km/h) TO 45MPH (70 km/h) 30' (9 m) C-C (OVER 45MPH (70 km/h))
RAILROAD CROSSING	24 (600) TRANSVERSE LINES; "RR" IS 6' (1.8 m) LETTERS; 16 (400) LINE FOR "X"	SOLID	WHITE	SEE STATE STANDARD 780001 AREA OF: "R"=3.6 SQ. FT. (0.33 m <sup>2</sup> ) EACH "X"=54.0 SQ. FT. (5.0 m <sup>2</sup> )
SHOULDER DIAGONALS	12 (300) @ 45°	SOLID	WHITE - RIGHT YELLOW - LEFT	50' (15 m) C-C (LESS THAN 30MPH (50 km/h)) 75' (25 m) C-C 30 MPH (50 km/h) TO 45MPH (70 km/h) 150' (45 m) C-C (OVER 45MPH (70 km/h))

FOR FURTHER DETAILS ON PAVEMENT MARKING REFER TO STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION AND STATE STANDARD 780001.

All dimensions are in inches (millimeters) unless otherwise shown.

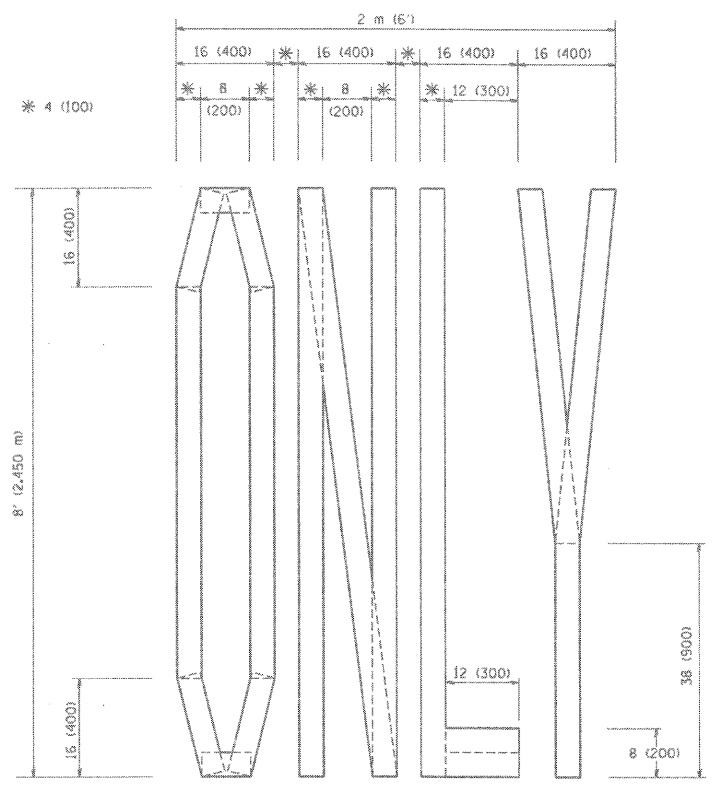
REVISIONS	
NAME	DATE
EVERS	03-19-90
T. RAMMACHER	10-27-94
ALEX HOUSEH	10-09-96
ALEX HOUSEH	10-17-96
T. RAMMACHER	01-06-00

ILLINOIS DEPARTMENT OF TRANSPORTATION  
DISTRICT ONE  
TYPICAL PAVEMENT MARKINGS

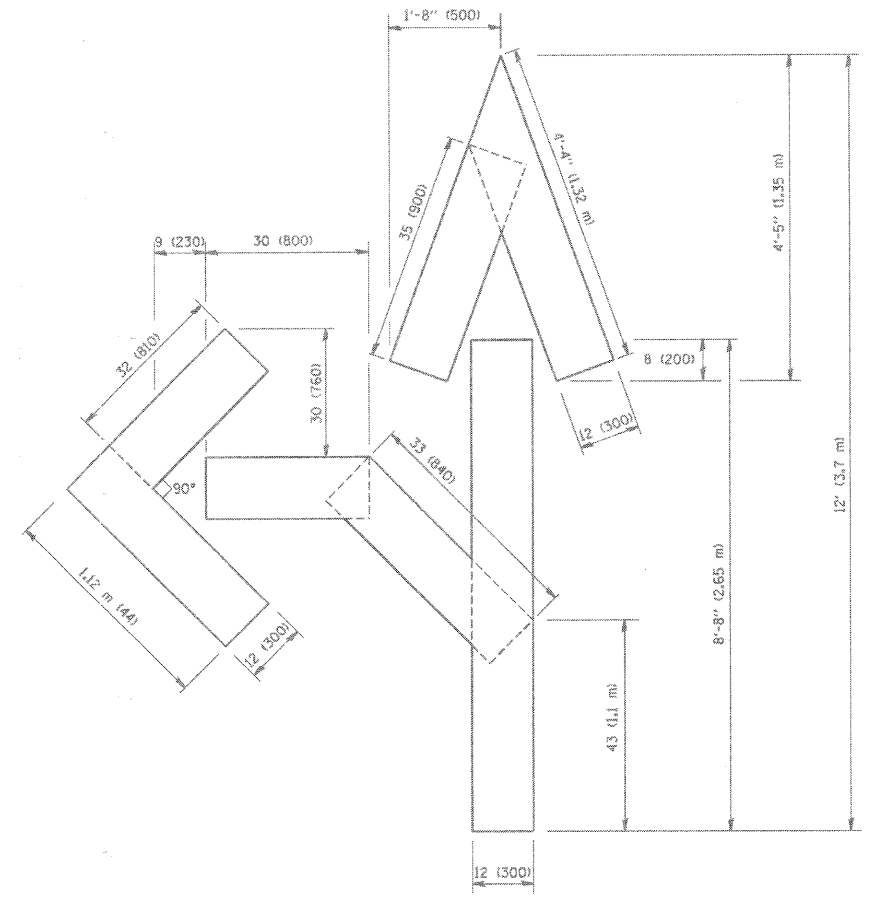
**RHA&A**  
Robert H. Anderson & Associates, Inc.  
Consulting Engineers & Land Surveyors  
License No. 044-025281  
Phone No. 630-584-3530

SCALE: VERT. 1/7/09  
DATE: 1/7/09  
DRAWN BY: \_\_\_\_\_  
CHECKED BY: \_\_\_\_\_  
TC-13

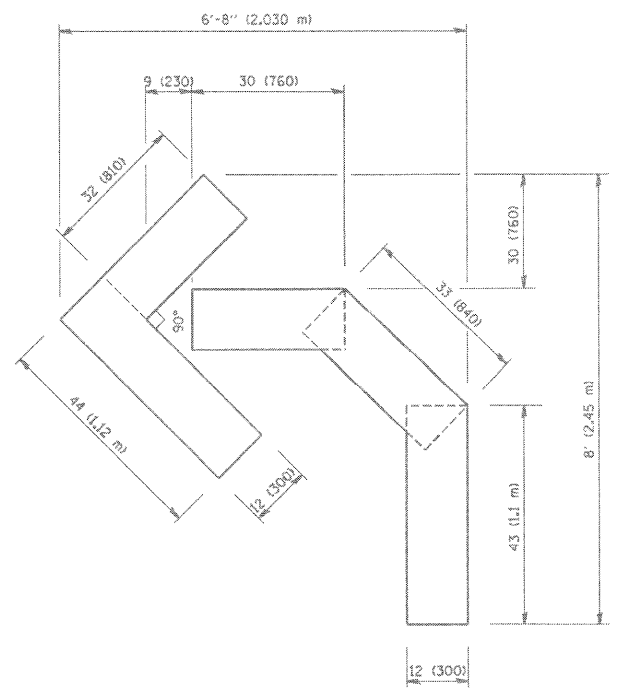
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1503	08-00260-01-PV	KANE	176	121
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



QUANTITY  
 4 (100) LINE = 64.1 ft. (19.7 m)  
 21.1 sq. ft. (1.97 sq. m)



QUANTITY  
 4 (100) LINE = 82.5 ft. (25.3 m)  
 27.5 sq. ft. (2.53 sq. m)



QUANTITY  
 4 (100) LINE = 45.5 ft. (13.9 m)  
 15.2 sq. ft. (1.39 sq. m)

All dimensions are in inches (millimeters) unless otherwise shown.

REVISIONS	
NAME	DATE
T. RAMMACHER	09/18/94
J. OBERLE	06/01/96
T. RAMMACHER	06/05/98
T. RAMMACHER	11/04/97
T. RAMMACHER	03/02/98
E. GOMEZ	08/28/00

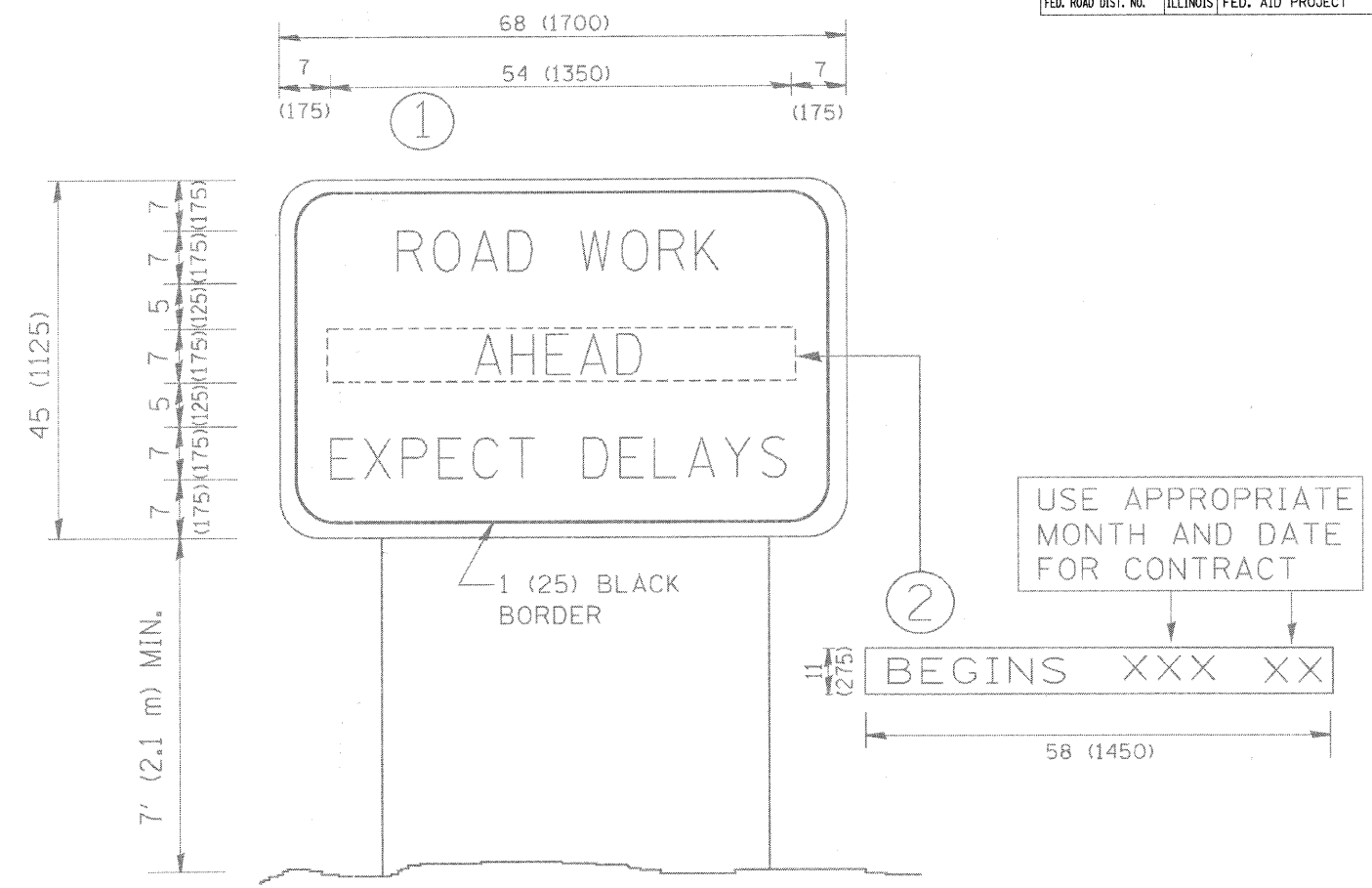
ILLINOIS DEPARTMENT OF TRANSPORTATION  
 PAVEMENT MARKING LETTERS AND SYMBOLS FOR TRAFFIC STAGING

**RHAA**  
 Robert H. Anderson & Associates, Inc.  
 Consulting Engineers & Land Surveyors  
 License No. 164-005289  
 Phone No. 630-584-3530

SCALE: VERT.  
 HORIZ.  
 DATE 1/7/09

DRAWN BY  
 CHECKED BY

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1503	08-00260-01-PV	KANE	176	122
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



NOTES:

1. USE BLACK LETTERING ON ORANGE BACKGROUND.
2. ERECT SIGNS IN ADVANCE OF THE LOCATION FOR THE "ROAD CONSTRUCTION AHEAD" SIGN AT LOCATIONS AS DIRECTED BY THE ENGINEER.
3. ERECT SIGN ① WITH INSTALLED PANEL ② ONE WEEK PRIOR TO THE START OF CONSTRUCTION.
4. REMOVE PANEL ② SOON AFTER THE START OF CONSTRUCTION.
5. SEE SPECIAL PROVISION FOR "TEMPORARY INFORMATION SIGNING" FOR ADDITIONAL INFORMATION.
6. ONE SIGN ASSEMBLY EQUALS 25.70 SQ. FT. (2.3 SQ. M.)
7. SHALL BE PAID FOR AS TEMPORARY INFORMATION SIGNING.

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.

REVISIONS	
NAME	DATE
R. MIRS	9-15-97
R. MIRS	12-11-97
T. RAMMACHER	2-2-99
C. JUCIUS	1-31-07

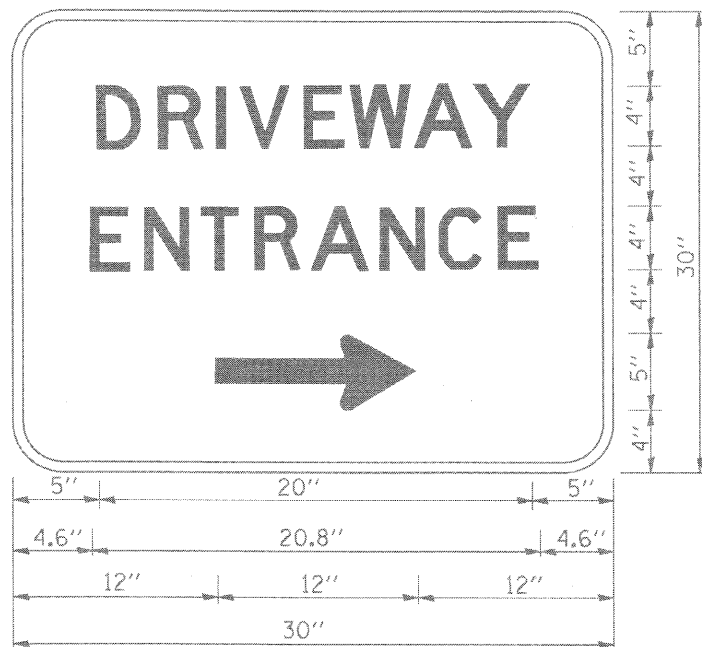
ILLINOIS DEPARTMENT OF TRANSPORTATION  
  
ARTERIAL ROAD  
INFORMATION SIGN



SCALE: VERT. 1/4" = 1'-0"  
HORIZ. 1/4" = 1'-0"  
DATE 1/7/09

DRAWN BY  
CHECKED BY

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1503	08-00260-01-PV	KANE	176	123
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	



3.0" RADIUS, 0.5" BORDER, WHITE ON GREEN; REFLECTORIZED  
 "DRIVEWAY" D; "ENTRANCE" D; STANDARD ARROW CUSTOM 12.0" x 5.0"

**NOTES:**

1. HALF OF THE SIGNS WILL REQUIRE A LEFT HAND FACING ARROW.
2. TWO SIGNS SHALL BE USED AT EACH COMMERCIAL ENTRANCE PLACED BACK-TO-BACK; ONE WITH A RIGHT HAND ARROW (SHOWN) SHALL BE PLACED ON THE NEAR RIGHT SIDE THE DRIVEWAY AND ONE WITH A LEFT HAND ARROW SHALL BE PLACED ON THE FAR LEFT SIDE OF THE DRIVEWAY.
3. SIGNS TO BE PAID FOR AS ITEM "TEMPORARY INFORMATION SIGNING".

PLOT DATE = 1/5/2009  
 FILE NAME = H:\Users\12085\1\PH\1\Civil\Sh\Detail\Detail.dwg  
 PLOT SCALE = USER  
 USER NAME = USER

**RHA&A**

Robert H. Anderson & Associates, Inc.  
 Consulting Engineers & Land Surveyors  
 License No. 184-00589  
 Phone No. 630-584-3530

REVISIONS	
NAME	DATE
C. JUXTUS	02/15/09

ILLINOIS DEPARTMENT OF TRANSPORTATION

DRIVEWAY ENTRANCE SIGNING

SCALE: VERT.  
 HORIZ.  
 DATE 1/7/09

DRAWN BY  
 CHECKED BY

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1503	08-00260-01-PV	KANE	176	124
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

INDIAN TRAIL - EARTHWORK STAGE 1A						
STA	TOPSOIL			EARTHWORK		
	EXCAVATION (CY)	SHOULDER EMBANKMENT (CY)	BALANCE WASTE (+) OR SHORTAGE (-) (CY)	EARTH EXCAVATION (CY)	STRUCTURAL EMBANKMENT (CY)	BALANCE WASTE (+) OR SHORTAGE (-) (CY)
	A	B	C=(A-B)	D	E	F=(D-E)
39+00.00						
39+50.00	4.1	0.9	3.1	3.70	0.00	+3.15
40+00.00	10.7	1.2	9.5	18.33	0.00	+15.58
40+50.00	11.6	0.7	10.9	20.19	0.00	+17.16
41+00.00	12.1	0.7	11.5	25.93	0.00	+22.04
41+50.00	13.4	0.5	13.0	32.87	0.00	+27.94
42+00.00	17.3	6.7	10.6	13.70	3.80	+7.85
42+50.00	21.6	13.2	8.4	1.76	8.24	-6.74
43+00.00	18.7	12.1	6.6	1.67	10.19	-8.77
43+50.00	16.5	11.2	5.3	2.50	12.69	-10.57
44+00.00	16.7	15.8	0.8	1.85	16.57	-15.00
44+50.00	15.9	18.1	-2.1	0.83	13.15	-12.44
45+00.00	16.3	12.2	4.1	2.50	3.98	-1.86
45+50.00	18.7	7.1	11.6	8.33	0.65	+6.43
46+00.00	20.3	7.0	13.2	8.43	2.41	+4.76
46+50.00	22.9	8.8	14.1	4.35	6.94	-3.24
47+00.00	26.2	11.3	14.9	3.89	17.78	-14.47
47+50.00	29.7	12.8	16.9	7.78	31.11	-24.50
48+00.00	31.9	12.4	19.5	11.30	36.85	-27.25
48+50.00	30.5	13.7	16.8	8.33	35.65	-28.57
49+00.00	27.3	17.1	10.2	3.80	42.22	-38.99
49+50.00	23.5	17.1	6.4	1.76	40.56	-39.06
50+00.00	20.4	12.1	8.2	2.50	19.81	-17.69
50+50.00	17.9	7.9	10.0	3.33	8.43	-5.60
51+00.00	15.7	5.9	9.7	3.43	5.19	-2.27
51+50.00	10.6	3.2	7.3	3.52	1.39	+1.60
52+00.00	6.9	2.7	4.3	2.22	1.11	+0.78
52+50.00	7.4	4.4	3.0	0.56	2.22	-1.74
53+00.00	7.4	4.4	3.0	0.46	2.22	-1.83
53+50.00	7.0	3.8	3.2	0.37	3.24	-2.93
54+00.00	9.1	5.4	3.7	1.11	3.24	-2.30
54+50.00	14.1	11.9	2.2	2.04	7.50	-5.77
55+00.00	15.8	16.3	-0.5	1.39	12.41	-11.23
55+50.00	14.8	11.8	3.1	2.69	6.76	-4.47
56+00.00	14.3	6.0	8.2	4.35	0.93	+2.77
56+50.00	13.7	3.0	10.7	3.61	6.85	-3.78
57+00.00	13.5	0.9	12.6	3.33	13.33	-10.50
57+50.00	13.5	0.9	12.6	3.33	13.33	-10.50
58+00.00	16.4	3.7	12.7	4.26	11.57	-7.95
58+50.00	17.3	4.1	13.2	5.93	4.91	+0.13
59+00.00	15.8	2.6	13.2	5.65	2.59	+2.21
59+50.00	8.2	1.8	6.4	11.20	2.59	+6.93
60+00.00	10.7	5.7	5.1	11.67	8.15	+1.77
60+50.00	22.3	15.9	6.4	4.44	23.15	-19.38
61+00.00	22.0	20.4	1.7	2.22	29.35	-27.46
61+50.00	20.1	17.5	2.6	1.02	26.39	-25.52
62+00.00	19.2	12.4	6.8	1.48	23.24	-21.98
62+50.00	22.0	10.8	11.2	2.41	11.20	-9.15
63+00.00	21.8	7.2	14.5	6.39	1.11	+4.32
63+50.00	18.4	3.2	15.2	7.22	5.37	+0.77
64+00.00	17.8	3.7	14.1	3.61	8.06	-4.59
64+50.00	17.8	4.0	13.8	3.52	6.76	-3.77
65+00.00	18.3	4.5	13.8	4.07	6.30	-2.84
65+50.00	18.7	5.9	12.8	3.61	9.44	-6.37
66+00.00	20.7	9.6	11.1	4.44	15.37	-11.60
66+50.00	22.4	15.8	6.6	3.98	21.11	-17.73
67+00.00	22.7	16.1	6.6	4.35	23.43	-19.73
67+50.00	23.0	10.2	12.8	8.06	18.89	-12.04
68+00.00	22.1	7.0	15.1	8.33	15.00	-7.92
68+50.00	26.4	6.9	19.5	28.06	13.24	+10.61
69+00.00	31.0	8.7	22.3	44.26	5.56	+32.06
69+50.00	15.3	5.1	10.2	32.78	0.00	+27.86
70+00.00	8.0	5.4	2.6	18.43	17.04	-1.37
70+50.00	15.6	13.1	2.5	7.69	24.07	-17.53
71+00.00	14.6	11.7	3.0	2.96	10.93	-8.41
71+50.00	14.2	7.9	6.3	1.02	6.85	-5.98
72+00.00	14.2	7.5	6.7	1.94	5.83	-4.18
72+50.00	7.0	3.6	3.4	5.56	2.87	+1.86
73+00.00	4.4	0.7	3.7	6.94	0.00	+5.90
73+50.00	9.4	1.4	8.0	6.02	0.00	+5.12
74+00.00	4.9	0.7	4.3	3.15	0.00	+2.68
SUBTOTAL	1,171	556	615	489	751	-336

TRASK ROAD							
STA	TOPSOIL			EARTHWORK			
	EXCAVATION (CY)	PLACEMENT (CY)	BALANCE WASTE (+) OR SHORTAGE (-) (CY)	EARTH EXCAVATION (CY)	EMBANKMENT (CY)	BALANCE WASTE (+) OR SHORTAGE (-) (CY)	ESTIMATED UNSUITABLE (UNDERCUT) (CY)
	A	B	C=(A-B)	D	E	F=(D-E)	G
604+60.00							
605+00.00	7.7	10.0	-2.3	42.22	2.67	+33.22	23.78
605+50.00	4.0	8.5	-4.5	84.81	1.02	+71.07	28.89
606+00.00	19.4	17.4	2.0	125.09	2.04	+104.29	28.89
OMIT INTERSECT.							
607+50.00	22.7	23.1	-0.4	94.63	0.00	+80.44	14.44
608+00.00	18.6	17.0	1.6	95.93	6.85	+74.69	28.70
608+50.00	16.5	11.5	5.0	50.83	15.83	+27.38	29.54
SUBTOTAL	89	88	1	494	28	391	154

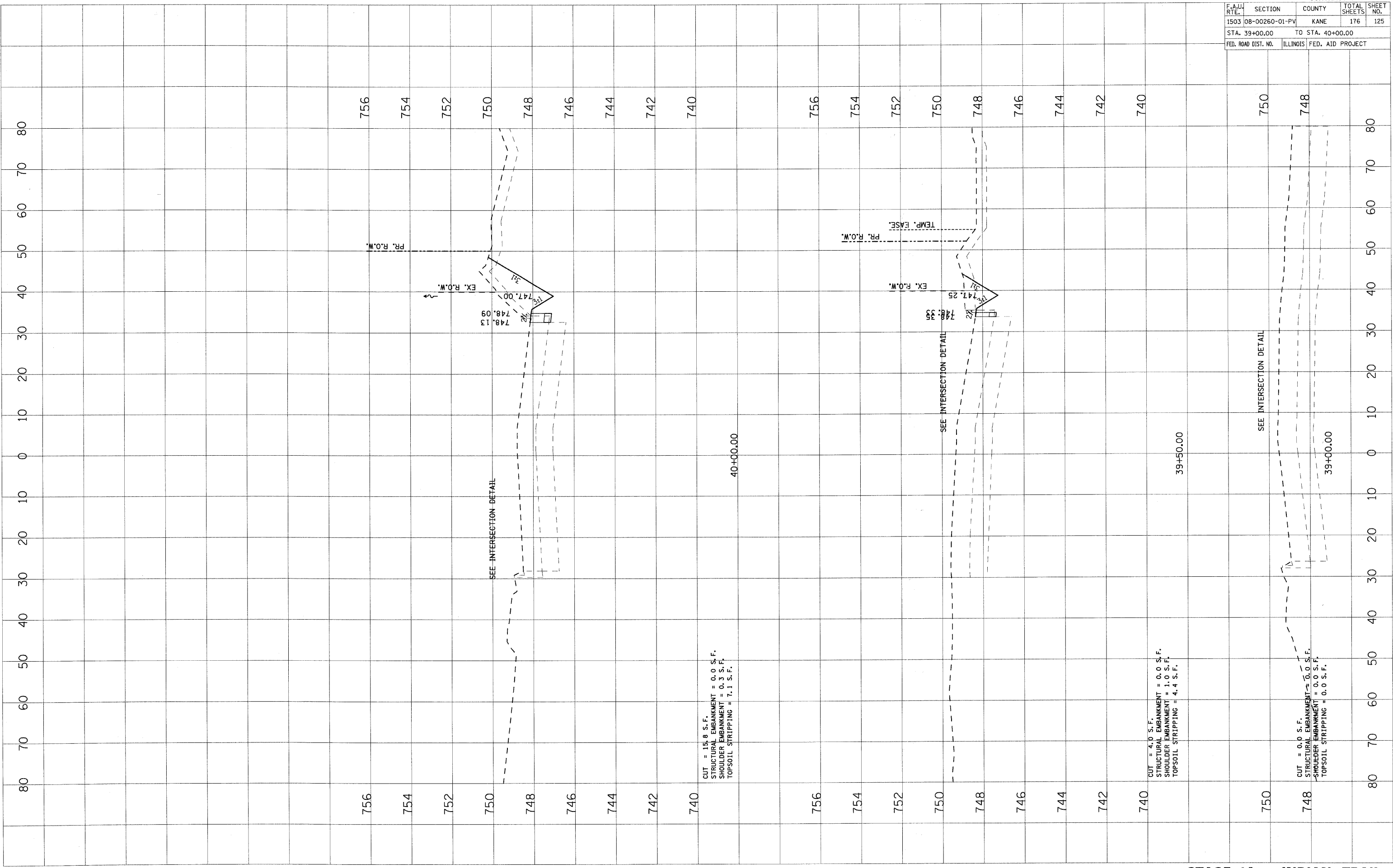
INDIAN TRAIL - EARTHWORK STAGE 1 AND 2							
STA	TOPSOIL			EARTHWORK			
	EXCAVATION (CY)	PLACEMENT (CY)	BALANCE WASTE (+) OR SHORTAGE (-) (CY)	EARTH EXCAVATION (CY)	EMBANKMENT (CY)	BALANCE WASTE (+) OR SHORTAGE (-) (CY)	ESTIMATED UNSUITABLE (UNDERCUT) (CY)
	A	B	C=(A-B)	D	E	F=(D-E)	G
40+00.00							
40+50.00	23.3	15.2	8.1	140.17	3.61	+115.53	117.78
41+00.00	53.8	23.7	30.1	121.28	23.89	+79.20	121.11
41+50.00	55.1	23.7	31.4	158.59	21.85	+112.95	103.70
42+00.00	60.6	23.7	36.9	151.37	41.57	+87.09	82.96
42+50.00	94.3	31.9	62.4	125.63	64.17	+42.62	82.96
43+00.00	94.6	36.9	57.7	151.28	44.26	+84.33	82.96
43+50.00	95.7	49.1	46.7	171.65	43.33	+102.57	82.96
44+00.00	88.8	39.9	48.9	193.13	44.54	+119.62	82.96
44+50.00	81.4	39.2	42.2	228.78	32.87	+161.59	62.22
45+00.00	88.4	58.5	29.9	292.39	13.61	+234.92	41.48
45+50.00	94.8	62.4	32.4	354.15	3.33	+297.70	41.48
46+00.00	95.0	64.9	30.1	369.30	5.83	+308.08	41.48
46+50.00	96.4	48.1	48.3	371.67	7.87	+308.05	41.48
47+00.00	85.2	41.3	43.9	356.20	13.06	+289.71	41.48
47+50.00	84.5	56.1	28.4	305.09	27.78	+231.55	62.22
48+00.00	87.6	58.0	29.6	253.33	40.46	+174.87	82.96
48+50.00	69.6	51.8	17.9	253.98	41.94	+173.94	82.96
49+00.00	63.2	47.9	15.3	220.74	46.39	+141.24	82.96
49+50.00	74.6	50.2	24.4	160.65	55.65	+80.90	82.96
50+00.00	74.5	50.2	24.4	170.37	47.41	+97.40	82.96
50+50.00	74.5	50.2	24.4	163.24	34.91	+103.84	62.22
51+00.00	74.7	50.2	24.5	150.37	25.74	+102.07	41.48
51+50.00	74.9	50.2	24.7	157.96	18.98	+115.29	41.48
52+00.00	75.4	50.2	25.2	175.93	18.70	+130.84	41.48
52+50.00	60.6	28.9	31.7	194.44	9.63	+155.64	40.28
53+00.00	45.3	7.5	37.8	218.15	0.00	+185.43	39.17
53+50.00	51.9	7.5	44.4	281.85	1.39	+239.18	19.63
54+00.00	44.8	10.5	34.4	320.93	6.30	+266.49	0.00
54+50.00	30.9	13.3	17.6	319.17	16.20	+255.09	0.00
55+00.00	54.2	17.0	37.1	305.00	26.76	+232.49	0.00
55+50.00	61.9	14.1	47.8	286.57	15.46	+228.12	0.00
56+00.00	59.1	12.9	46.2	264.44	10.93	+213.84	0.00
56+50.00	72.2	18.6	53.6	233.52	25.65	+172.84	31.11
57+00.00	36.3	9.4	26.9	247.96	14.72	+196.05	58.89
57+50.00	0.0	0.0	0.0	290.74	0.00	+247.13	55.56
58+00.00	55.0	16.9	38.2	333.52	13.15	+270.34	58.89
58+50.00	109.7	33.5	76.2	369.81	20.28	+294.06	62.22
59+00.00	109.1	33.2	75.9	357.04	25.65	+277.83	62.22
59+50.00	82.9	25.2	57.7	357.59	21.85	+282.10	82.96
60+00.00	56.3	17.2	39.1	356.30	26.39	+276.47	103.70
60+50.00	86.9	29.1	57.9	268.52	97.31	+130.93	103.70
61+00.00	87.1	34.3	52.9	207.78	118.52	+58.09	101.67
61+50.00	56.0	21.3	34.7	208.06	79.72	+97.13	99.63
62+00.00	87.1	41.1	46.0	205.46	75.19	+99.45	101.67
62+50.00	118.1	63.3	54.7	230.19	69.72	+125.94	51.85
63+00.00	118.1	53.2	64.8	272.78	49.72	+182.14	0.00
63+50.00	118.2	41.9	76.4	281.39	43.61	+195.57	0.00
64+00.00	118.3	36.9	81.5	275.65	49.44	+184.86	0.00
64+50.00	118.4	36.9	81.6	281.30	46.30	+192.81	0.00
65+00.00	118.5	36.9	81.7	295.37	33.06	+218.00	0.00
65+50.00	118.5	36.9	81.7	313.15	25.00	+241.19	31.11
66+00.00	59.3	18.4	40.8	334.35	12.69	+271.51	58.89
66+50.00	0.0	0.0	0.0	353.43	0.00	+300.42	55.56
67+00.00	0.0	0.0	0.0	373.06	0.00	+317.10	55.56
67+50.00	59.3	14.5	44.7	432.22	2.41	+364.98	58.89
68+00.00	118.6	33.0	85.7	458.52	5.09	+384.65	31.11
68+50.00	118.7	36.9	81.9	420.37	6.39	+350.92	0.00
69+00.00	118.7	36.9	81.9	388.52	8.43	+321.81	0.00
69+50.00	118.9	36.9	82.0	369.91	10.46	+303.96	0.00
70+00.00	106.4	38.9	67.5	314.26	25.28	+241.84	0.00
70+50.00	93.3	47.2	46.1	242.31	54.44	+151.52	62.22
71+00.00	92.8	55.0	34.8	173.43	60.74	+86.68	124.44
71+50.00	91.6	62.2	29.4	114.54	100.09	-2.73	124



PLOT DATE = 1/5/2009  
 PLOT BY = PHILIP...  
 PLOT SCALE = 1"=40'  
 USER NAME = JUSER

ORIGINAL SURVEY  
 SURVEYED \_\_\_\_\_  
 PLOTTED \_\_\_\_\_  
 CHECKED \_\_\_\_\_  
 DATE \_\_\_\_\_  
 BY \_\_\_\_\_

FINAL SURVEY  
 SURVEYED \_\_\_\_\_  
 PLOTTED \_\_\_\_\_  
 CHECKED \_\_\_\_\_  
 DATE \_\_\_\_\_  
 BY \_\_\_\_\_



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748

40+00.00

39+50.00

40+00.00

39+00.00

PR. R.O.W.

EX. R.O.W.

TEMP. EASE.

SEE INTERSECTION DETAIL

SEE INTERSECTION DETAIL

SEE INTERSECTION DETAIL

CUT = 15.8 S.F.  
STRUCTURAL EMBANKMENT = 0.0 S.F.  
SHOULDER EMBANKMENT = 0.3 S.F.  
TOPSOIL STRIPPING = 7.1 S.F.

CUT = 4.0 S.F.  
STRUCTURAL EMBANKMENT = 0.0 S.F.  
SHOULDER EMBANKMENT = 1.0 S.F.  
TOPSOIL STRIPPING = 4.4 S.F.

CUT = 0.0 S.F.  
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TOPSOIL STRIPPING = 0.0 S.F.

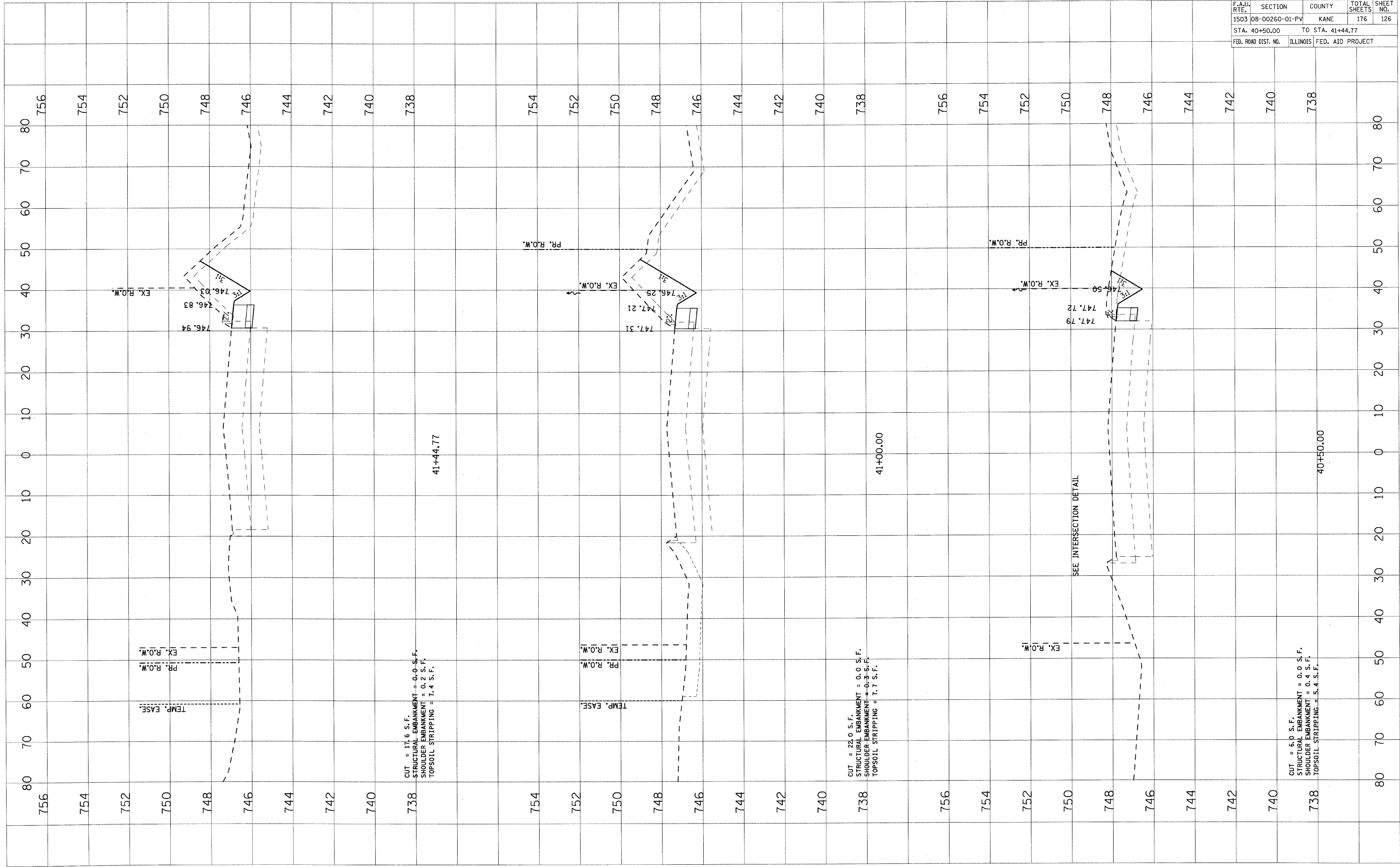
F.A.U. RTE.		SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1503		08-00260-01-PV	KANE	176	125
STA. 39+00.00		TO STA. 40+00.00			
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT		

CONTRACT NO. 63095

PLOT DATE = 1/5/2009  
 USER NAME = JUSER

ORIGINAL SURVEY	DATE
SURVEYED	BY
PLOTTED	DATE
DATE	
NO.	

FINAL SURVEY	DATE
SURVEYED	BY
PLOTTED	DATE
DATE	
NO.	



**STAGE 1A - INDIAN TRAIL**

F.A.U. RTE.		SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1503		08-00260-01-PV	KANE	176	126
STA. 40+50.00		TO STA. 41+44.77			
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT		

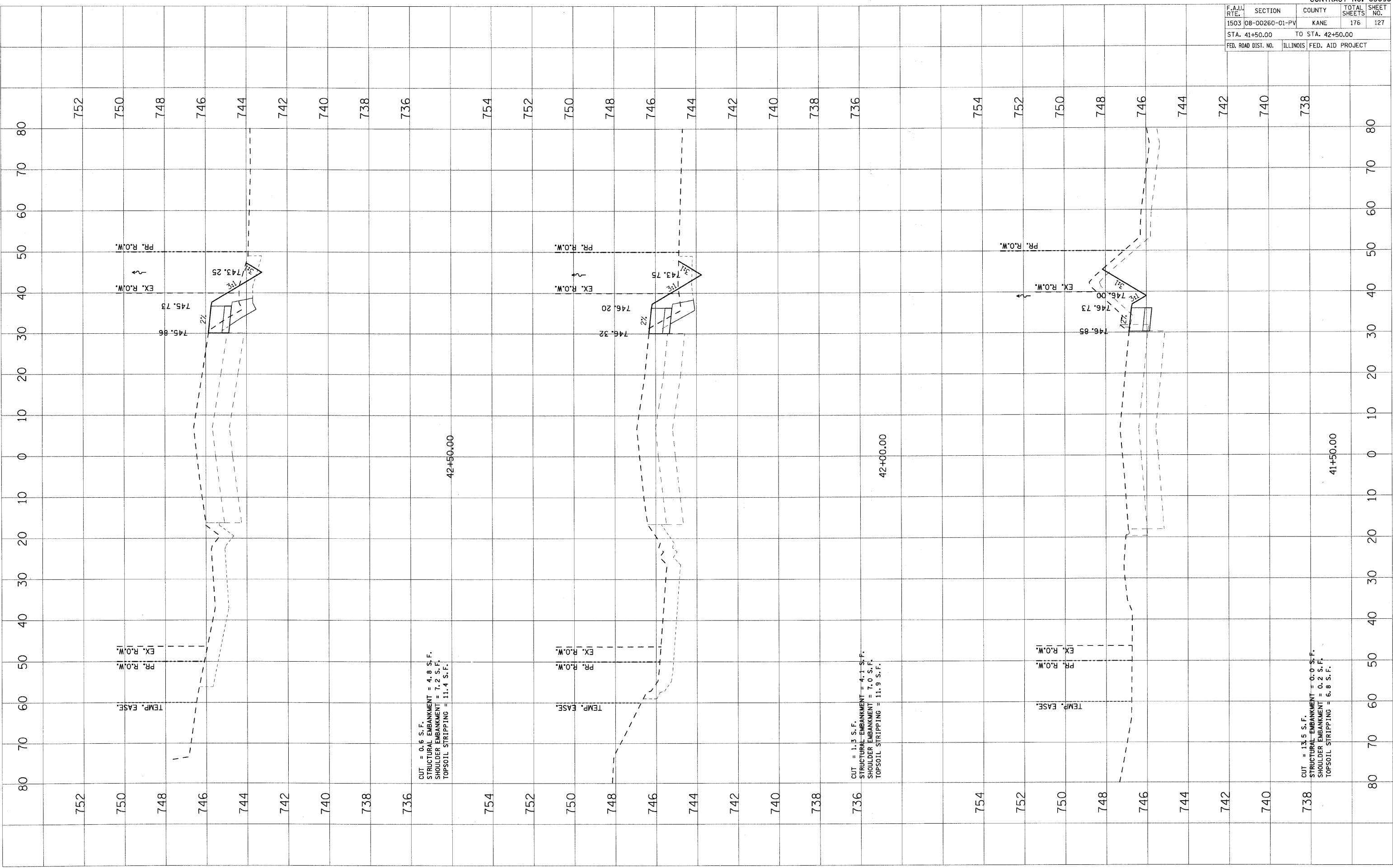
CONTRACT NO. 63095

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1503	08-00260-01-PV	KANE	176	127
STA. 41+50.00		TO STA. 42+50.00		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

FINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
NO.	AREAS		
	CHECKED		

ORIGINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
NO.	AREAS		
	CHECKED		

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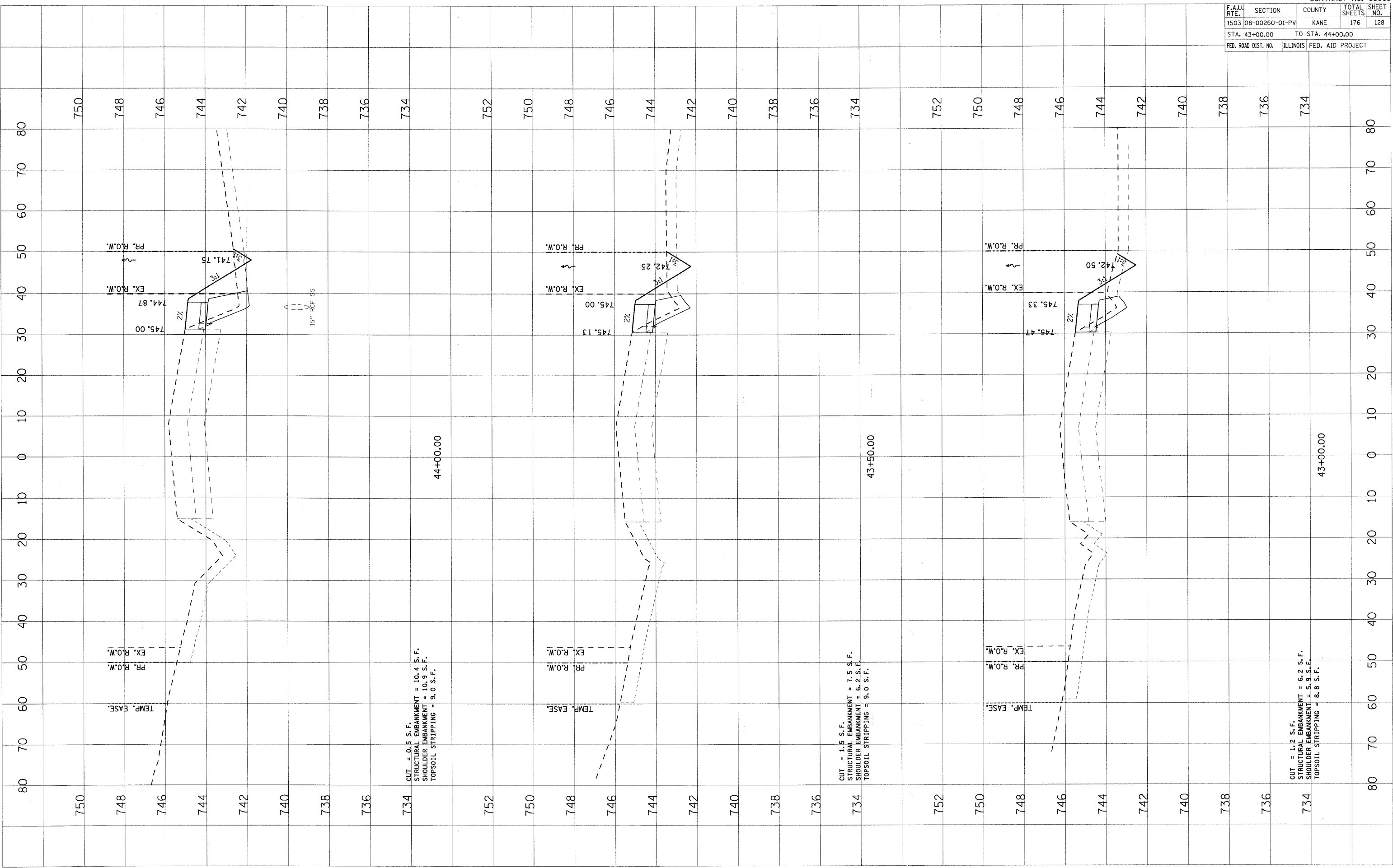


F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1503	08-00260-01-PV	KANE	176	128
STA. 43+00.00		TO STA. 44+00.00		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

FINAL SURVEY	BY	DATE
SURVEYED		
PLOTTED		
NOTED		
AREAS CHECKED		
NO.		

ORIGINAL SURVEY	BY	DATE
SURVEYED		
PLOTTED		
NOTED		
AREAS CHECKED		
NO.		

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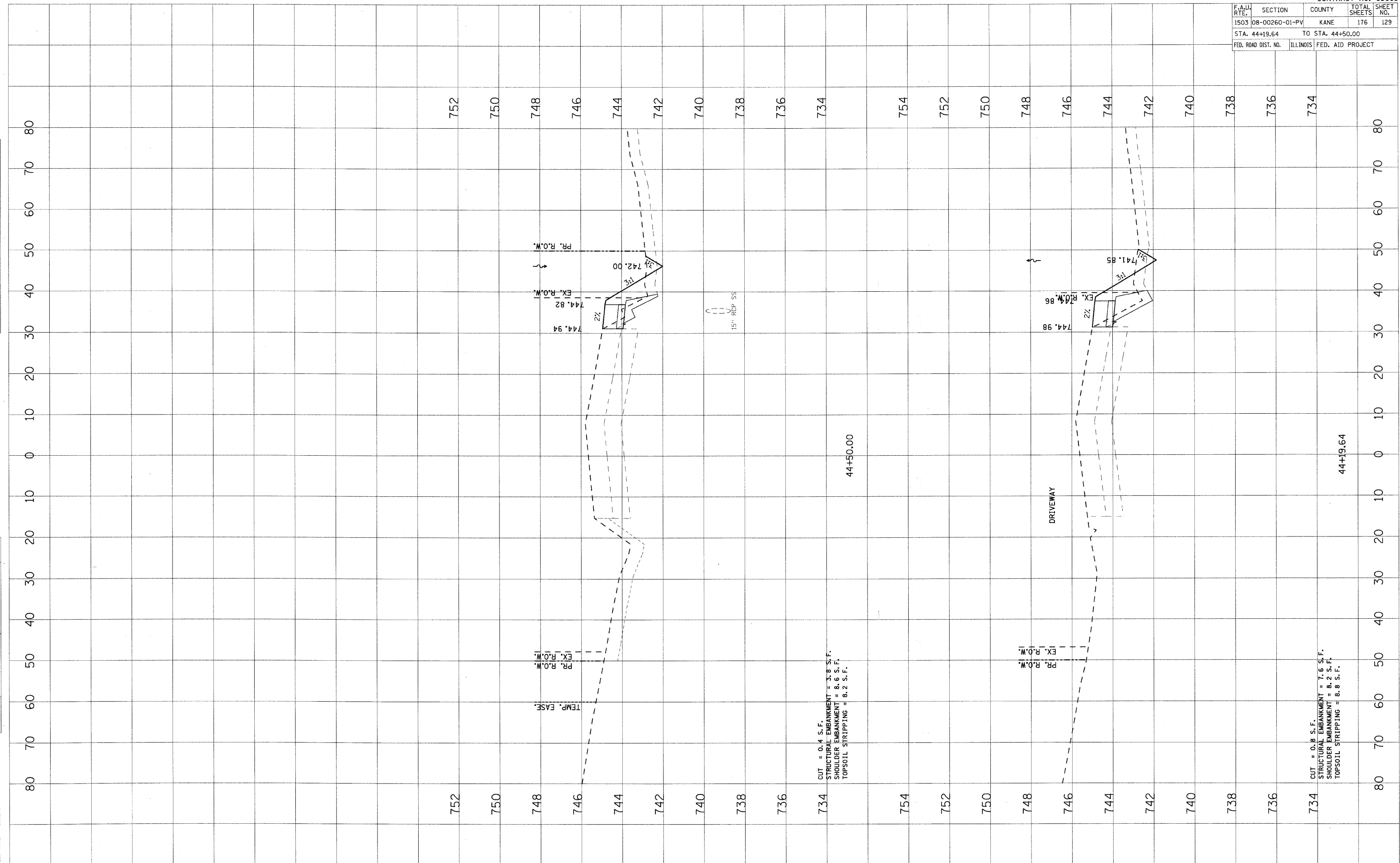


F.A.I.D. DIST. NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1503	08-00260-01-PV	KANE	176	129
STA. 44+19.64		TO STA. 44+50.00		
ILLINOIS		FED. AID PROJECT		

FINAL SURVEY	DATE
SURVEYED	BY
TEMP. AREAS	
NOTE BOOK NO.	
AREAS CHECKED	

ORIGINAL SURVEY	DATE
PLOTTED	BY
TEMP. AREAS	
NOTE BOOK NO.	
AREAS CHECKED	

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 PLOT SCALE =  
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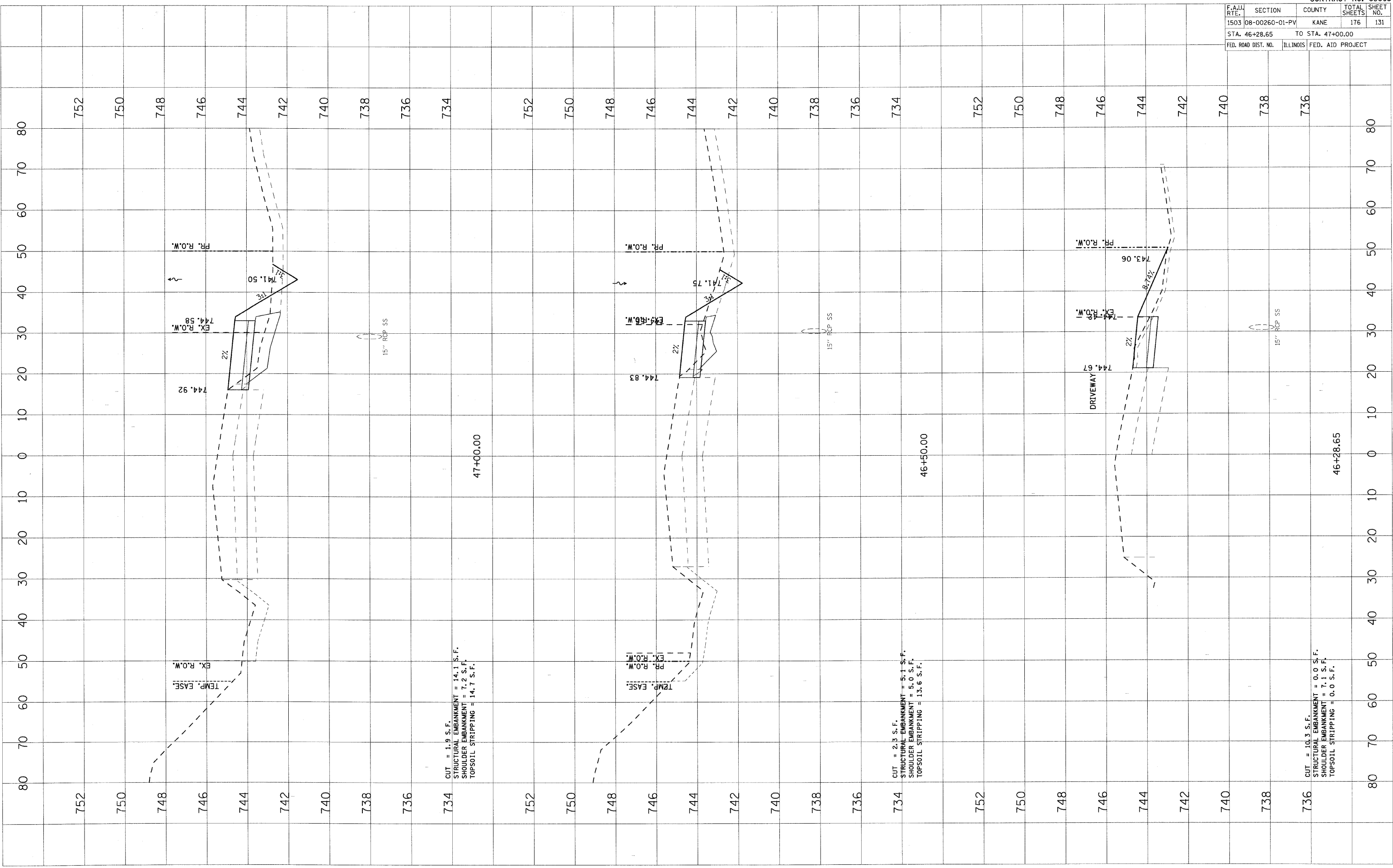


F.A.I.D. RITE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1503	08-00260-01-PV	KANE	176	131
STA. 46+28.65		TO STA. 47+00.00		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

FINAL SURVEY	BY	DATE
SURVEYED		
PLOTTED		
NOTE BOOK		
AREAS		
AREAS CHECKED		

ORIGINAL SURVEY	BY	DATE
SURVEYED		
PLOTTED		
NOTE BOOK		
AREAS		
AREAS CHECKED		

PLOT DATE = 1/5/2009  
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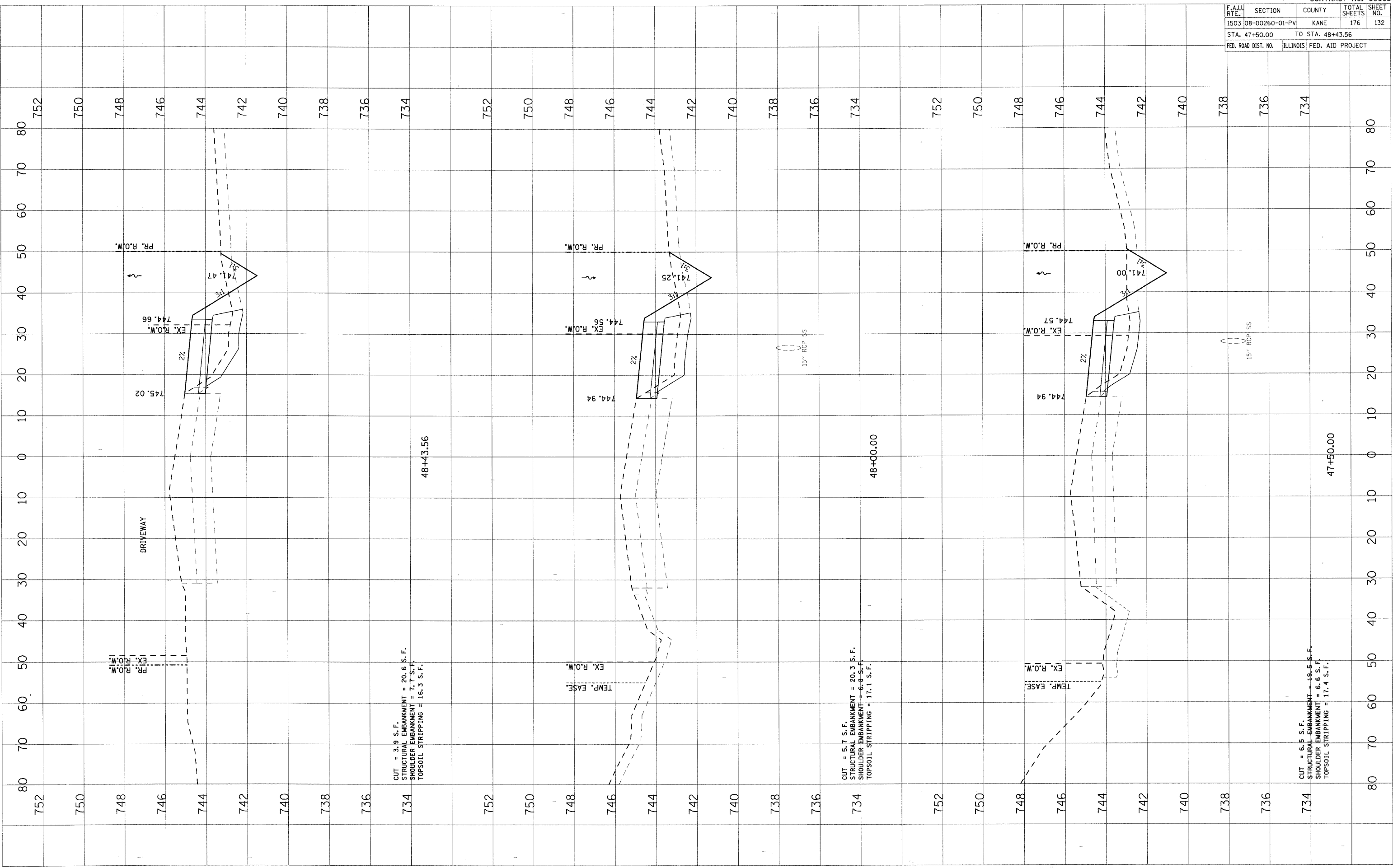


F.A.I.D. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1503	08-00260-01-PV	KANE	176	132
STA. 47+50.00		TO STA. 48+43.56		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

FINAL SURVEY	BY	DATE
SURVEYED		
PLOTTED		
NOTED		
AREAS CHECKED		

ORIGINAL SURVEY	BY	DATE
SURVEYED		
PLOTTED		
NOTED		
AREAS CHECKED		

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 PLOT SCALE = 1"=40'  
 USER NAME = JUSER





F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1503	08-00260-01-PV	KANE	176	133
STA. 48+50.00		TO STA. 49+50.00		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

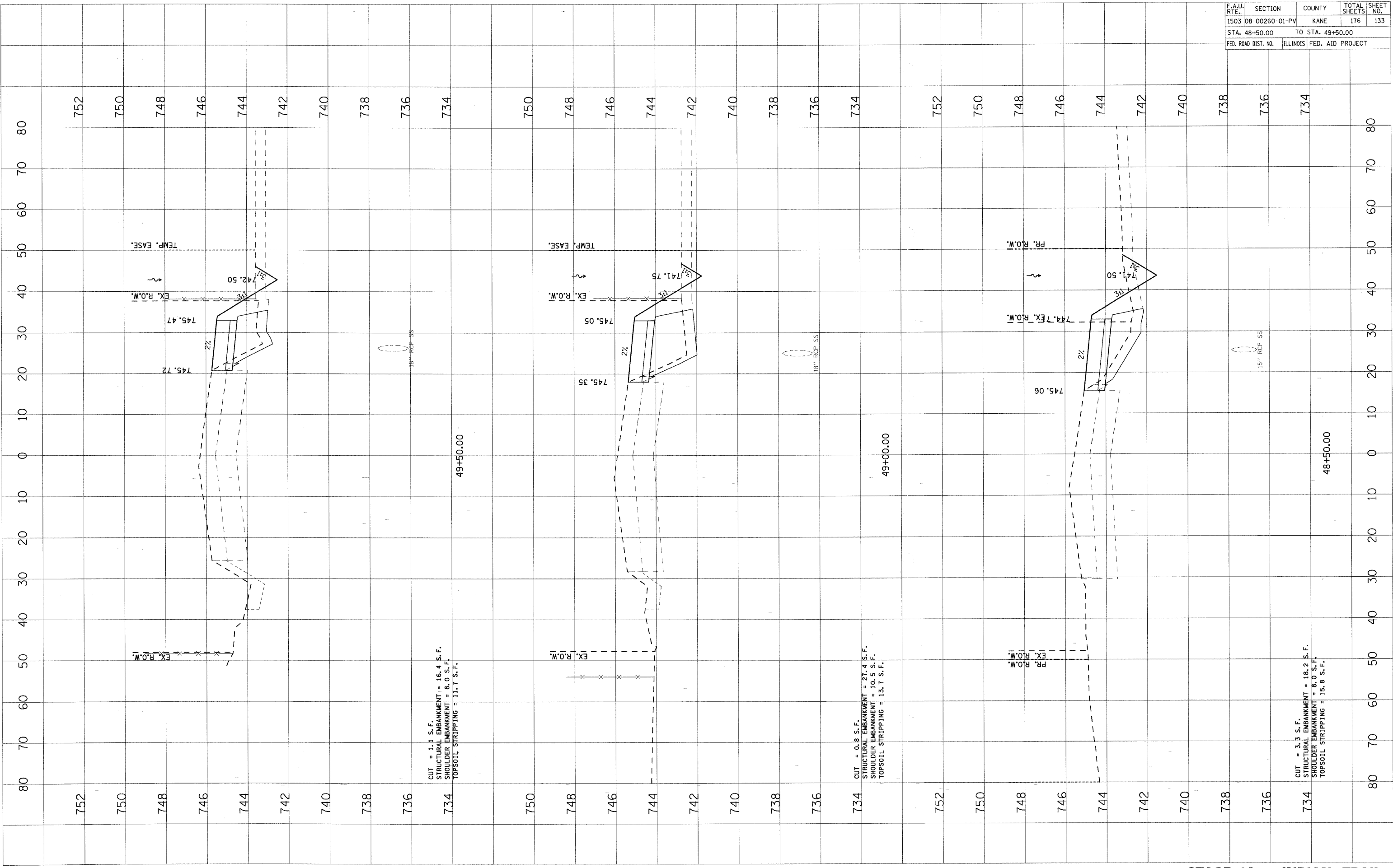
DATE	BY

SURVEYED \_\_\_\_\_  
 PLOTTED \_\_\_\_\_  
 NOTE BOOK \_\_\_\_\_  
 AREAS \_\_\_\_\_  
 AREAS CHECKED \_\_\_\_\_

DATE	BY

SURVEYED \_\_\_\_\_  
 PLOTTED \_\_\_\_\_  
 NOTE BOOK \_\_\_\_\_  
 AREAS \_\_\_\_\_  
 AREAS CHECKED \_\_\_\_\_

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 PLOT SCALE = 1"=40'  
 USER NAME = JUSER

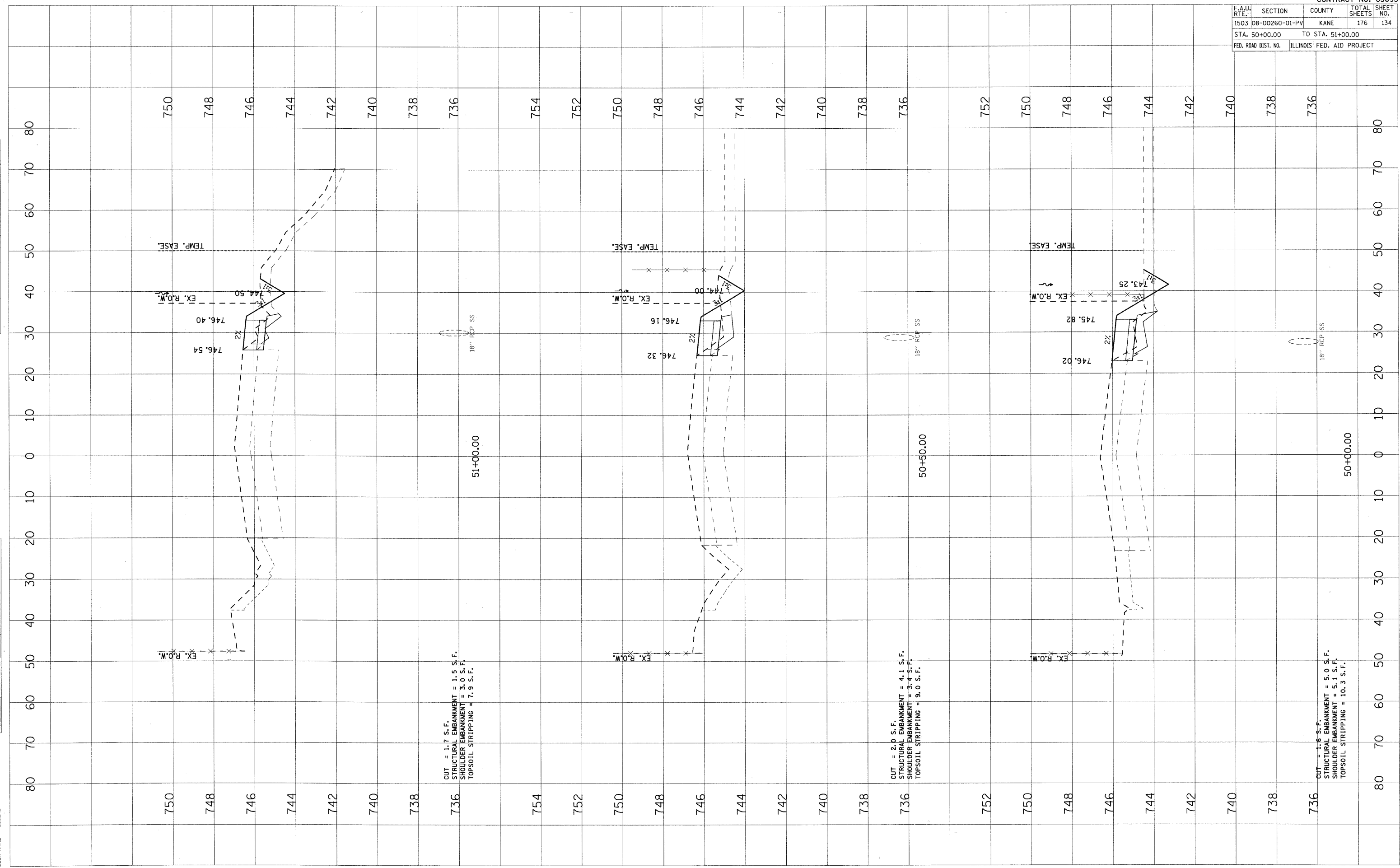


F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1503	08-00260-01-PV	KANE	176	134
STA. 50+00.00		TO STA. 51+00.00		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

DATE	BY
SURVEYED	
PLOTTED	
PRINTED	
AREAS CHECKED	
NO.	

DATE	BY
SURVEYED	
PLOTTED	
PRINTED	
AREAS CHECKED	
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 PLOT SCALE = 1"=40'  
 USER NAME = USER



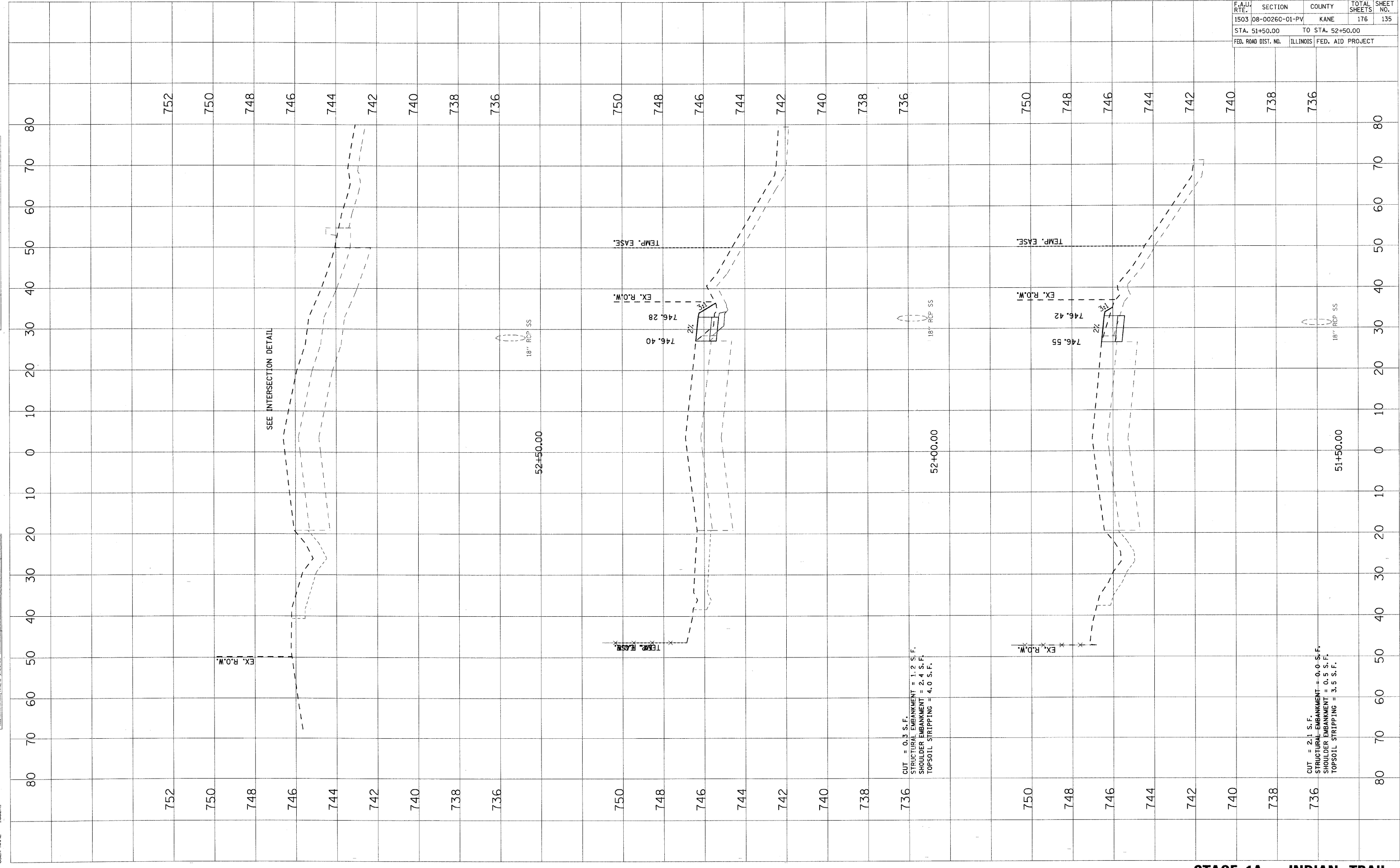
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 PLOT BY = H:\Survey\1208095.LTPH\INDIAN TRAIL\STAGE 1A\STAGE 1A.PLT  
 PLOT SCALE = 1"=50'  
 USER NAME = JUSER

ORIGINAL SURVEYED \_\_\_\_\_  
 SURVEY PLOTTED \_\_\_\_\_  
 NOTE BOOK NO. \_\_\_\_\_  
 AREAS CHECKED \_\_\_\_\_

FINAL SURVEYED \_\_\_\_\_  
 SURVEY PLOTTED \_\_\_\_\_  
 NOTE BOOK NO. \_\_\_\_\_  
 AREAS CHECKED \_\_\_\_\_

BY \_\_\_\_\_  
 DATE \_\_\_\_\_

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1503	08-00260-01-PV	KANE	176	135
STA. 51+50.00		TO STA. 52+50.00		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



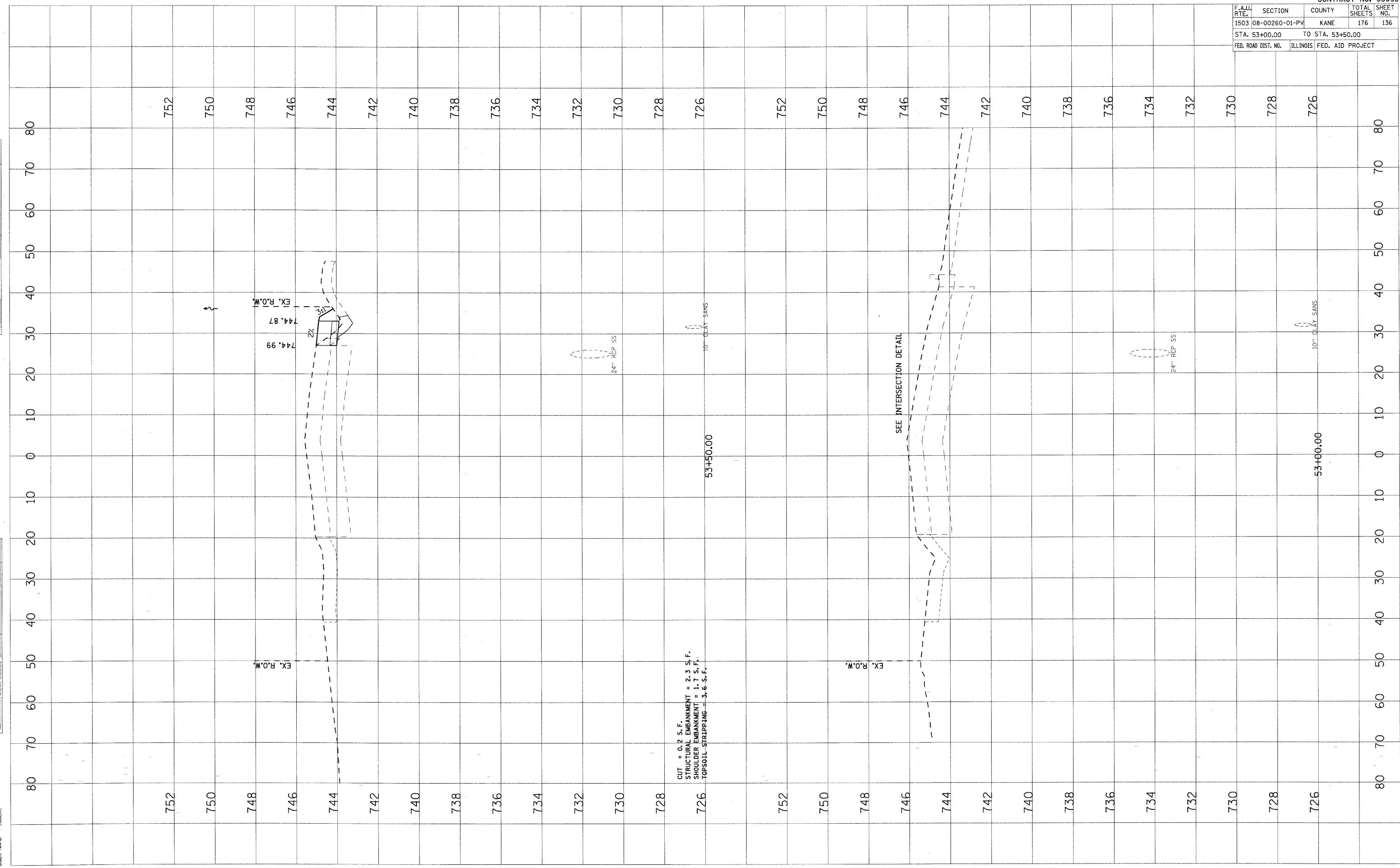
**STAGE 1A - INDIAN TRAIL**

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1503	08-00260-01-PV	KANE	176	136
STA. 53+00.00		TO STA. 53+50.00		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

FINAL SURVEY	BY	DATE
SURVEYED		
PLOTTED		
NOTE BOOK		
AREAS CHECKED		
NO.		

ORIGINAL SURVEY	BY	DATE
SURVEYED		
PLOTTED		
NOTE BOOK		
AREAS CHECKED		
NO.		

PLOT DATE = 1/5/2009  
 USER NAME = JUSER

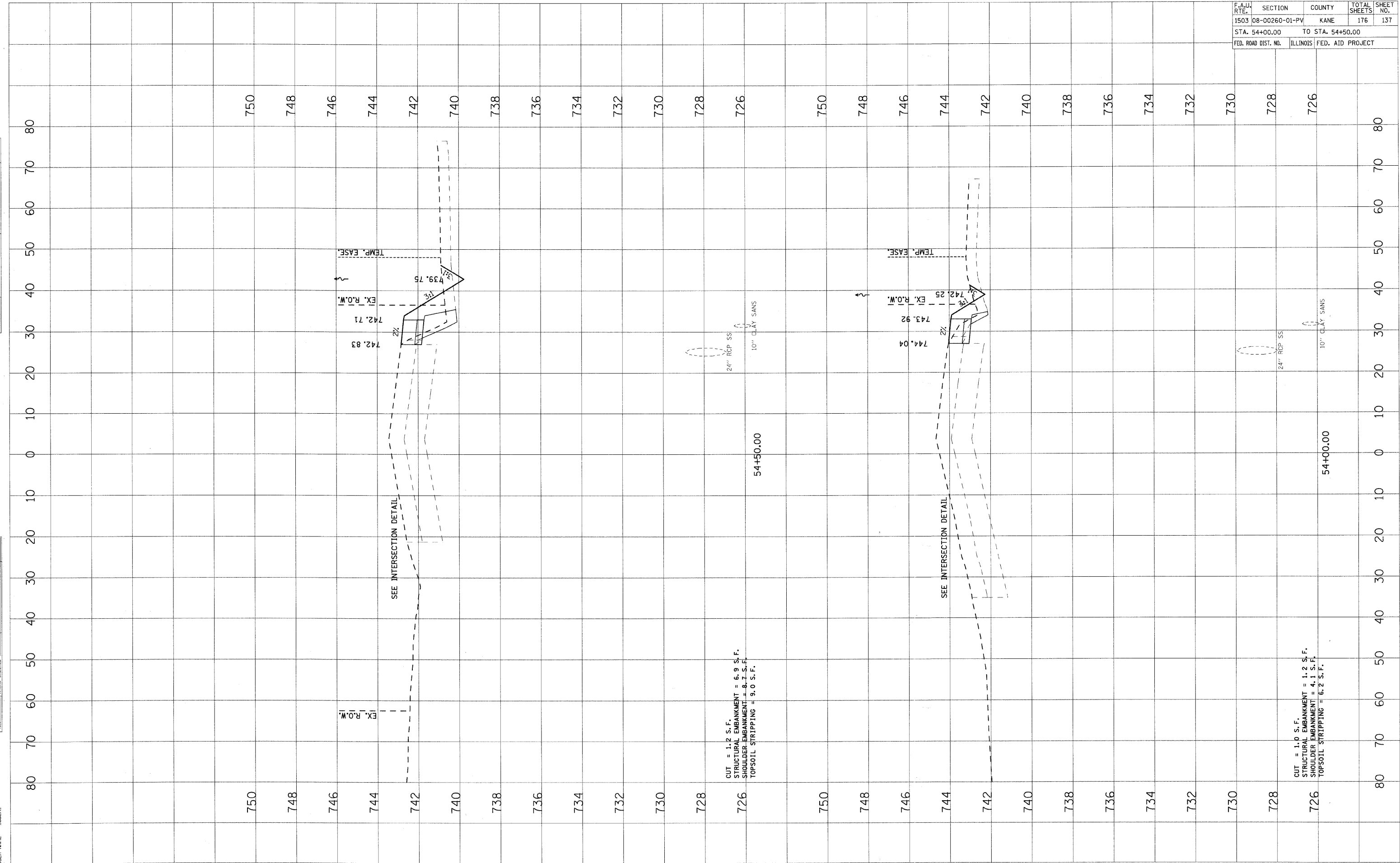


F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1503	08-00260-01-PV	KANE	176	137
STA. 54+00.00 TO STA. 54+50.00				
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

FINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK NO.	PLOTTED		
	DATE		
	AREAS CHECKED		

ORIGINAL SURVEY	SURVEYED	BY	DATE
NO.	PLOTTED		
	DATE		
	AREAS CHECKED		

PLOT DATE = 1/5/2009  
 PLOT SCALE = 1"=40'  
 USER NAME = USER

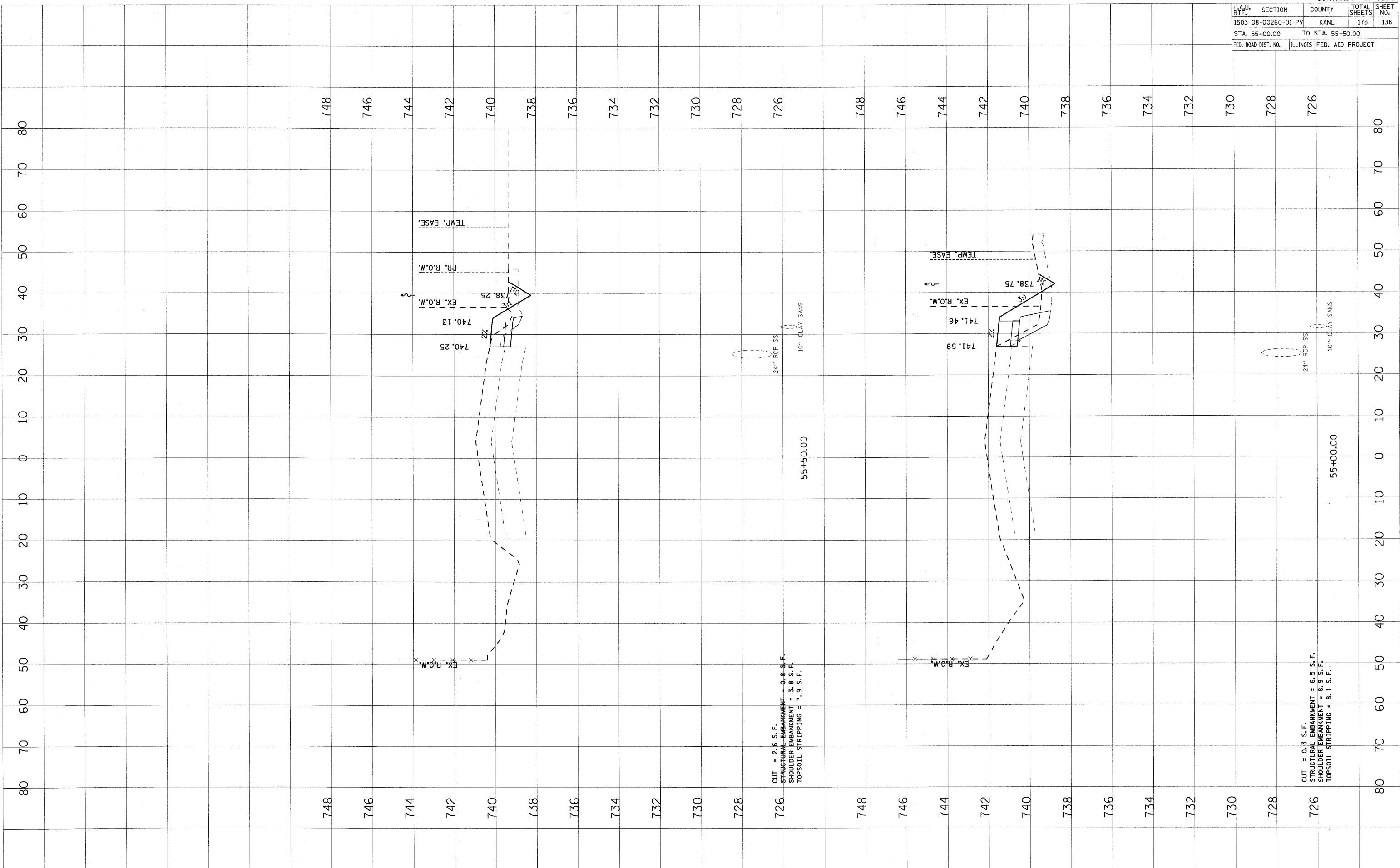


F.A.U. NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1503	08-00260-01-PV	KANE	176	138
STA. 55+00.00		TO STA. 55+50.00		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

FINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
AREAS CHECKED	DATE		
NO.			

ORIGINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
AREAS CHECKED	DATE		
NO.			

PLOT DATE = 1/5/2009  
 USER NAME = JUSER



CUT = 2.6 S.F.  
 STRUCTURAL EMBANKMENT = 0.8 S.F.  
 SHOULDER EMBANKMENT = 3.8 S.F.  
 TOPSOIL STRIPPING = 7.9 S.F.

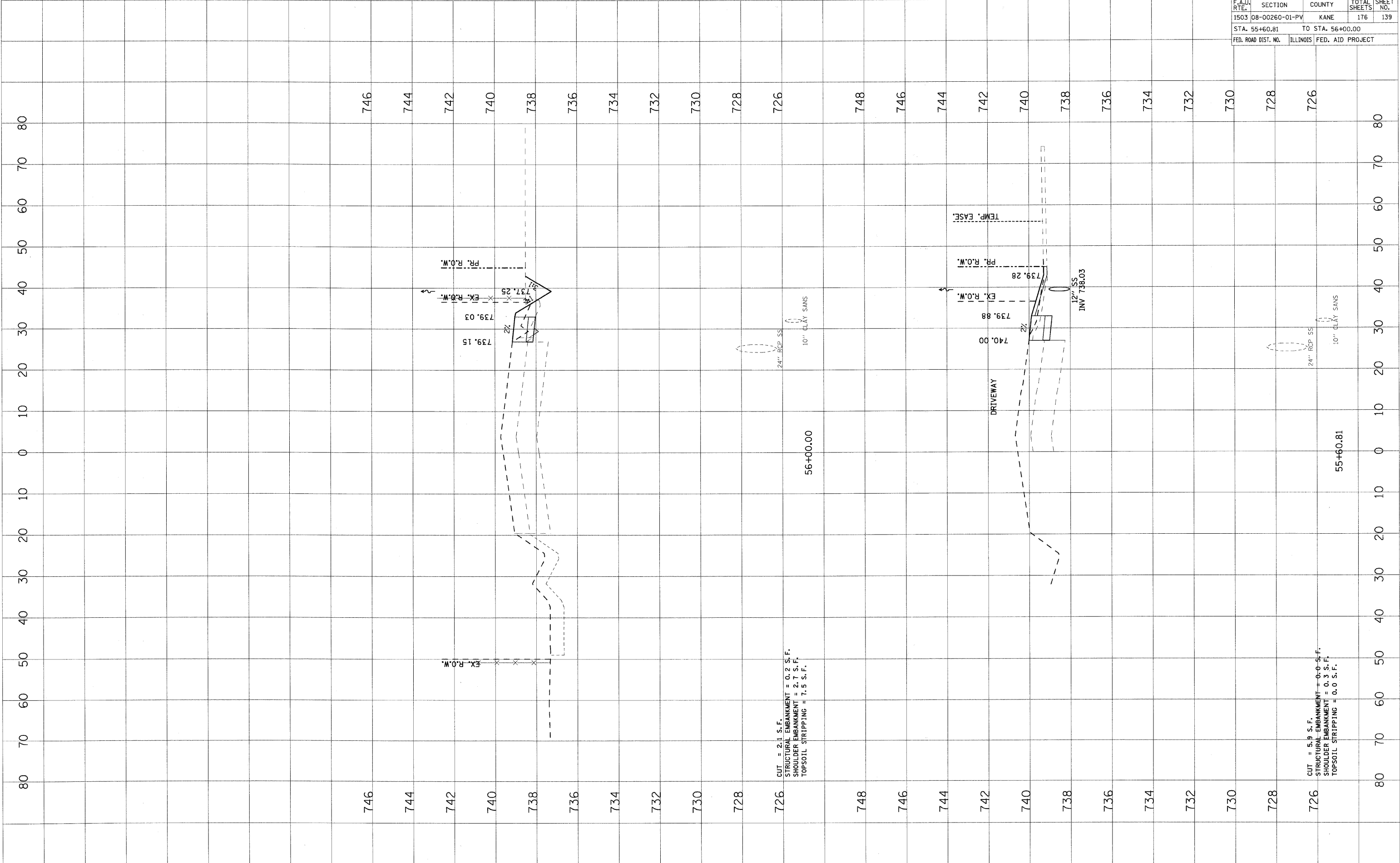
CUT = 0.3 S.F.  
 STRUCTURAL EMBANKMENT = 6.5 S.F.  
 SHOULDER EMBANKMENT = 8.9 S.F.  
 TOPSOIL STRIPPING = 8.1 S.F.

F.A.U. NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1503	08-00260-01-PV	KANE	176	139
STA. 55+60.81		TO STA. 56+00.00		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

DATE	BY

DATE	BY

PLOT DATE = 1/5/2009  
 PLOT SCALE = 1"=40'  
 USER NAME = USER



746 744 742 740 738 736 734 732 730 728 726 748 746 744 742 740 738 736 734 732 730 728 726

726 CUT = 2.1 S.F.  
 STRUCTURAL EMBANKMENT = 0.2 S.F.  
 SHOULDER EMBANKMENT = 2.7 S.F.  
 TOPSOIL STRIPPING = 7.5 S.F.

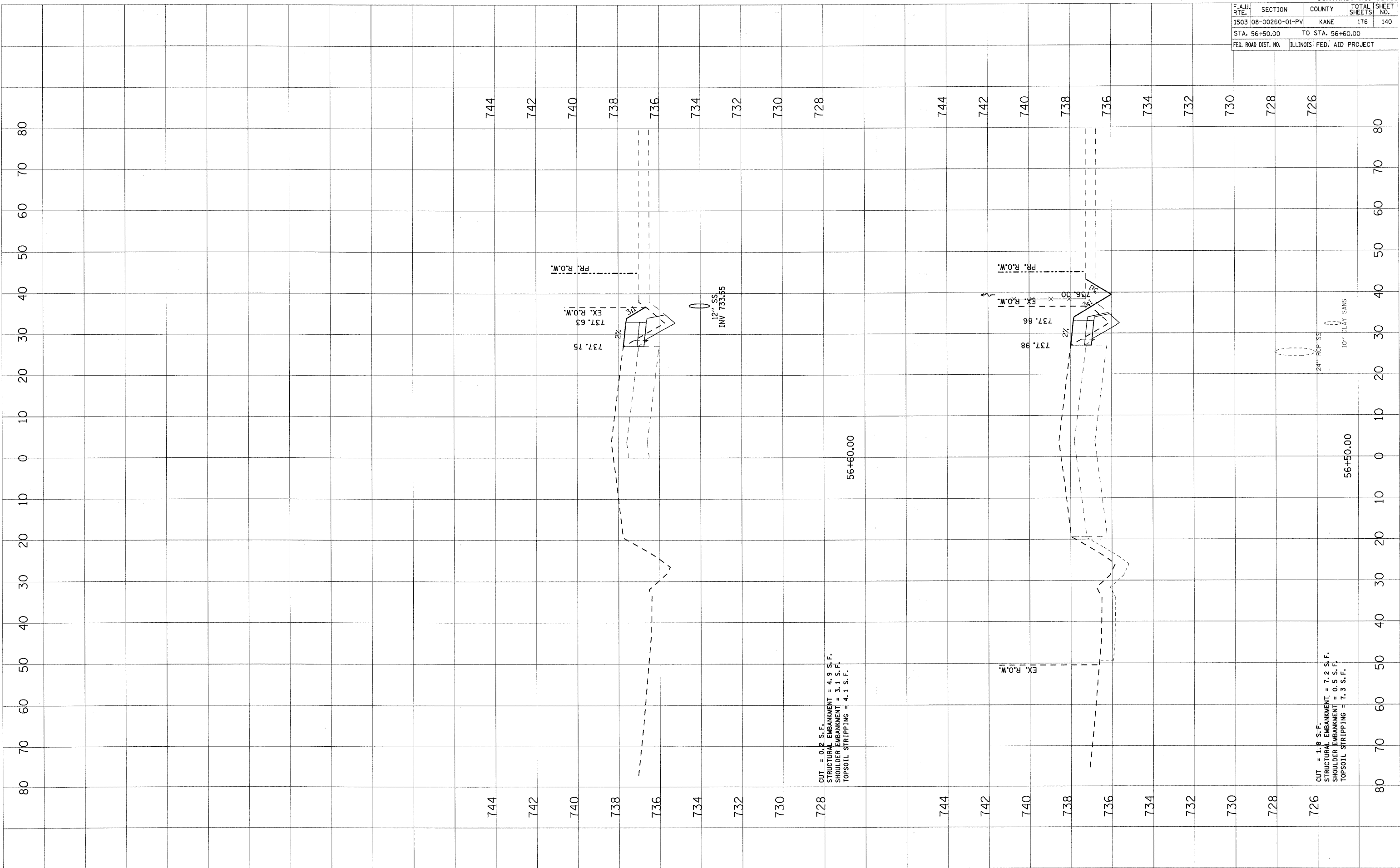
726 CUT = 5.9 S.F.  
 STRUCTURAL EMBANKMENT = 0.0 S.F.  
 SHOULDER EMBANKMENT = 0.3 S.F.  
 TOPSOIL STRIPPING = 0.0 S.F.

F.A. DIST.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1503	08-00260-01-PV	KANE	176	140
STA. 56+50.00		TO STA. 56+60.00		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

FINAL SURVEY	SURVEYED	BY	DATE
NO. _____	NO. _____	_____	____/____/____
PLOTTED	PLOTTED	BY	DATE
AREAS CHECKED	AREAS CHECKED	_____	____/____/____

ORIGINAL SURVEY	SURVEYED	BY	DATE
NO. _____	NO. _____	_____	____/____/____
PLOTTED	PLOTTED	BY	DATE
AREAS CHECKED	AREAS CHECKED	_____	____/____/____

PLOT DATE = 1/5/2009  
 PLOT SCALE = 1"=40'  
 USER NAME = USER



728 CUT = 0.2 S.F.  
 STRUCTURAL EMBANKMENT = 4.9 S.F.  
 SHOULDER EMBANKMENT = 3.1 S.F.  
 TOPSOIL STRIPPING = 4.1 S.F.

726 CUT = 1.8 S.F.  
 STRUCTURAL EMBANKMENT = 7.2 S.F.  
 SHOULDER EMBANKMENT = 0.5 S.F.  
 TOPSOIL STRIPPING = 7.3 S.F.



F.A. J. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1503	08-00260-01-PV	KANE	176	141
STA. 57+00.00		TO STA. 57+50.00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

FINAL SURVEY	BY	DATE
SURVEYED		
PLOTTED		
NOTE BOOK		
AREAS CHECKED		
NO.		

ORIGINAL SURVEY	BY	DATE
SURVEYED		
PLOTTED		
NOTE BOOK		
AREAS CHECKED		
NO.		

PLOT DATE = 1/5/2009  
 PLOT SCALE = 1"=40'  
 USER NAME = JUSER



F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1503	08-00260-01-PV	KANE	176	142
STA. 58+00.00		TO STA. 59+00.00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

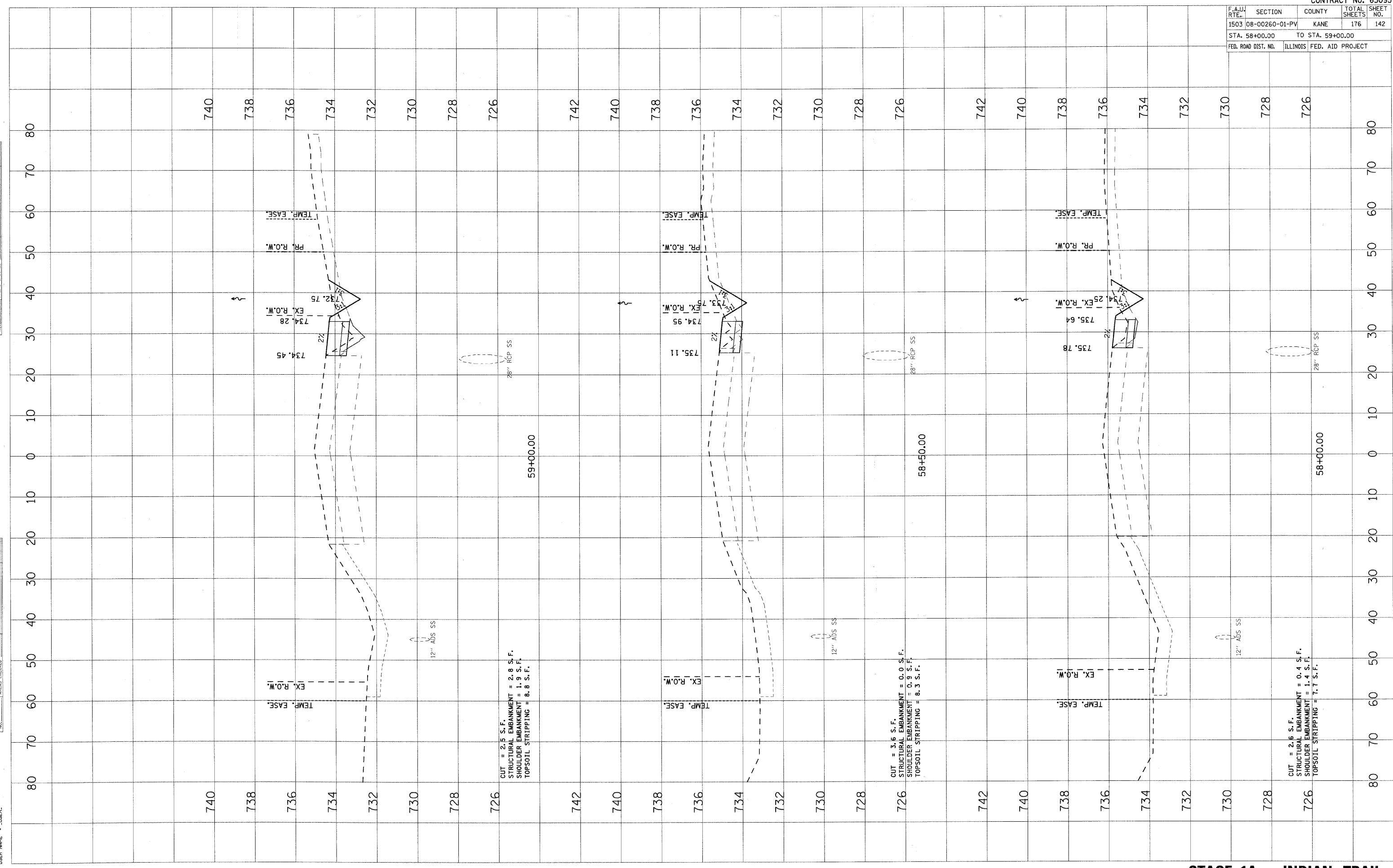
DATE	BY

SURVEYED \_\_\_\_\_  
 PLOTTED \_\_\_\_\_  
 CHECKED \_\_\_\_\_  
 AREAS CHECKED \_\_\_\_\_  
 NO. \_\_\_\_\_

DATE	BY

ORIGINAL SURVEYED \_\_\_\_\_  
 PLOTTED \_\_\_\_\_  
 CHECKED \_\_\_\_\_  
 AREAS CHECKED \_\_\_\_\_  
 NO. \_\_\_\_\_

PLOT DATE = 1/5/2009  
 PLOT SCALE = 1" = 40'  
 USER NAME = USER



CUT = 2.5 S.F.  
 STRUCTURAL EMBANKMENT = 2.8 S.F.  
 SHOULDER EMBANKMENT = 1.9 S.F.  
 TOPSOIL STRIPPING = 8.8 S.F.

CUT = 3.6 S.F.  
 STRUCTURAL EMBANKMENT = 0.0 S.F.  
 SHOULDER EMBANKMENT = 0.9 S.F.  
 TOPSOIL STRIPPING = 8.3 S.F.

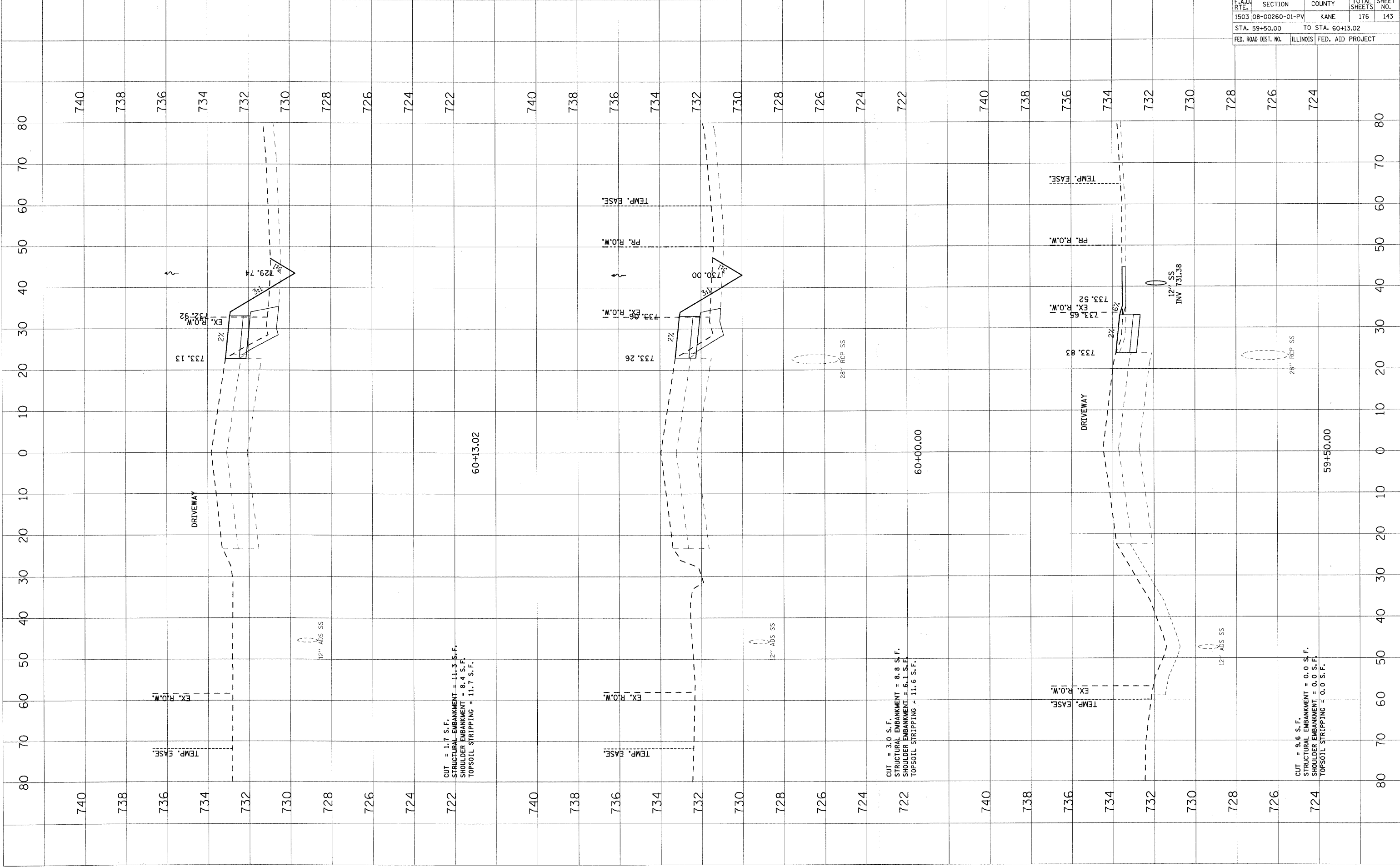
CUT = 2.6 S.F.  
 STRUCTURAL EMBANKMENT = 0.4 S.F.  
 SHOULDER EMBANKMENT = 1.4 S.F.  
 TOPSOIL STRIPPING = 7.7 S.F.

PLOT DATE = 1/25/2009  
 PLOT SCALE = 1"=40.00'  
 USER NAME = JUSER

ORIGINAL SURVEYED BY DATE  
 SURVEY PLOTTED BY DATE  
 NO. AREAS CHECKED

FINAL SURVEYED BY DATE  
 SURVEY PLOTTED BY DATE  
 NO. AREAS CHECKED

F.A.U. RTE.		SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1503		08-00260-01-PV	KANE	176	143
STA. 59+50.00		TO STA. 60+13.02			
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT		



CUT = 1.7 S.F.  
 STRUCTURAL EMBANKMENT = 11.3 S.F.  
 SHOULDER EMBANKMENT = 8.4 S.F.  
 TOPSOIL STRIPPING = 11.7 S.F.

CUT = 3.0 S.F.  
 STRUCTURAL EMBANKMENT = 8.8 S.F.  
 SHOULDER EMBANKMENT = 6.1 S.F.  
 TOPSOIL STRIPPING = 11.6 S.F.

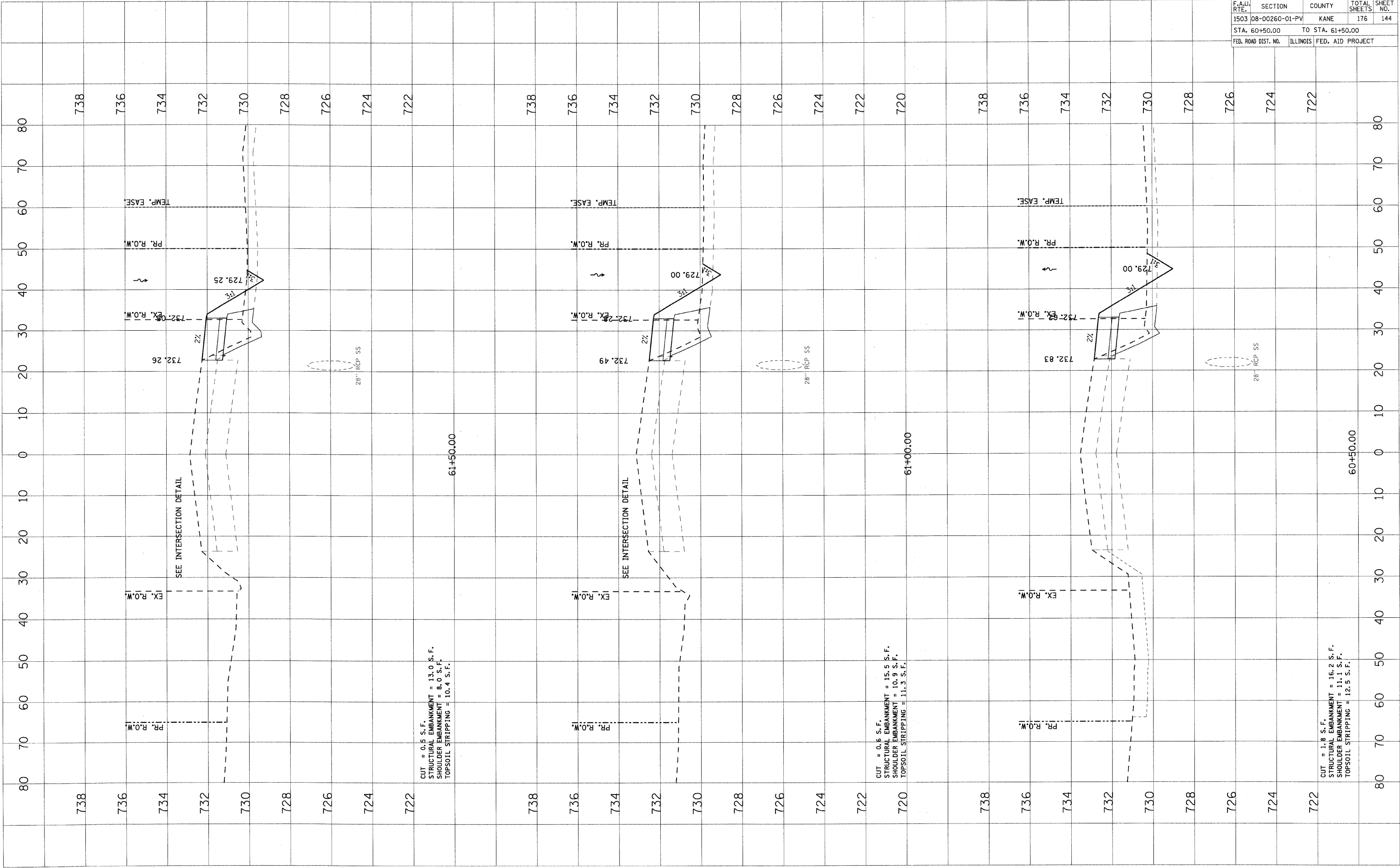
CUT = 9.6 S.F.  
 STRUCTURAL EMBANKMENT = 0.0 S.F.  
 SHOULDER EMBANKMENT = 0.0 S.F.  
 TOPSOIL STRIPPING = 0.0 S.F.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1503	08-00260-01-PV	KANE	176	144
STA. 60+50.00		TO STA. 61+50.00		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

NO.	DATE	BY	FINAL SURVEY	SHRINKED
			PLOTTED	
			NOTE BOOK	
			AREAS	
			CHECKED	

NO.	DATE	BY	ORIGINAL SURVEY	SURVEYED
			PLOTTED	
			NOTE BOOK	
			AREAS	
			CHECKED	

PLOT DATE = 1/25/2009  
 PLOT SCALE = 1"=40'  
 USER NAME = JUSER



CUT = 0.5 S.F.  
 STRUCTURAL EMBANKMENT = 13.0 S.F.  
 SHOULDER EMBANKMENT = 8.0 S.F.  
 TOPSOIL STRIPPING = 10.4 S.F.

CUT = 0.6 S.F.  
 STRUCTURAL EMBANKMENT = 15.5 S.F.  
 SHOULDER EMBANKMENT = 10.9 S.F.  
 TOPSOIL STRIPPING = 11.3 S.F.

CUT = 1.8 S.F.  
 STRUCTURAL EMBANKMENT = 16.2 S.F.  
 SHOULDER EMBANKMENT = 11.1 S.F.  
 TOPSOIL STRIPPING = 12.5 S.F.

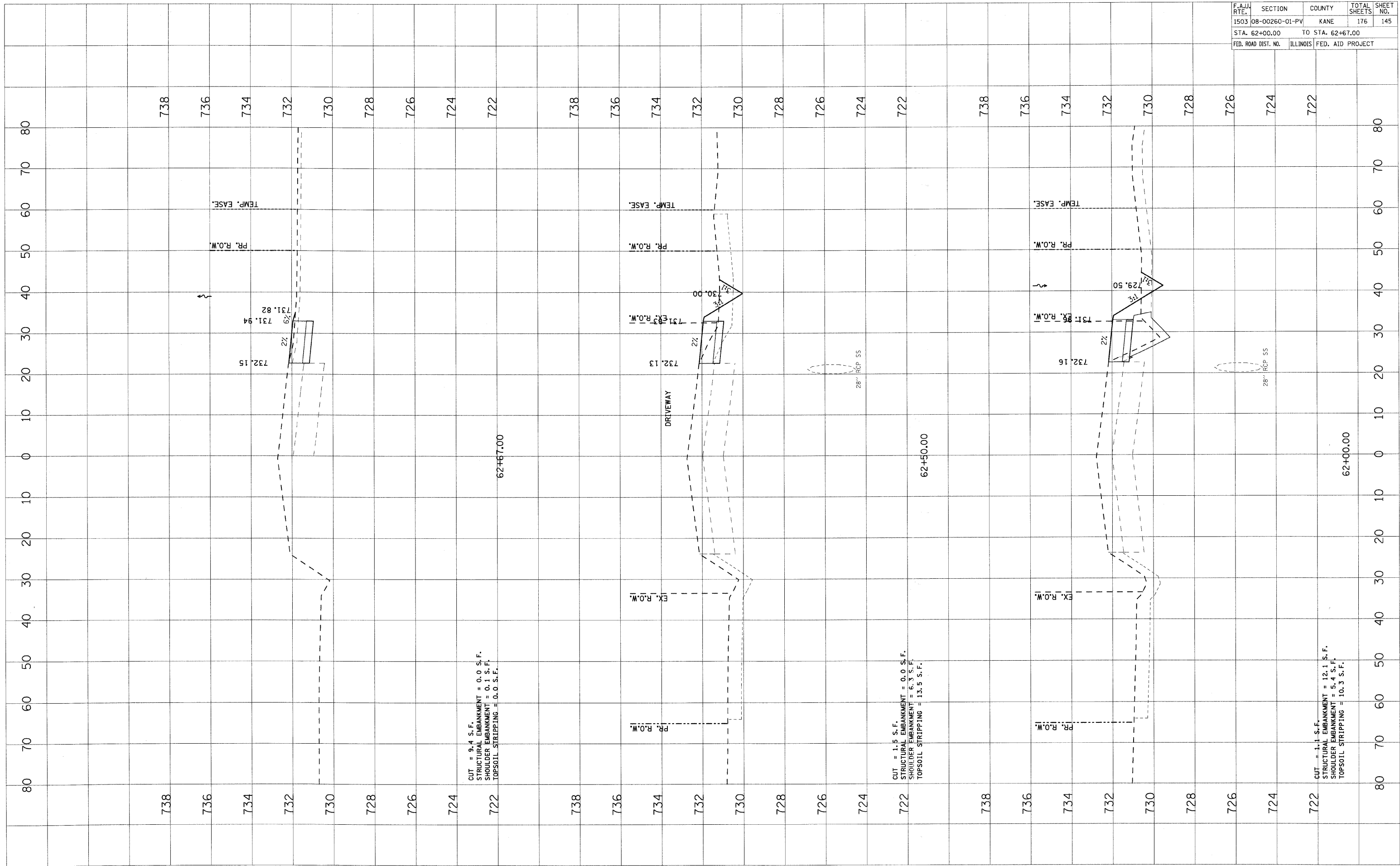
PLOT DATE = 1/5/2009  
 USER NAME = JUSER

ORIGINAL SURVEYED BY DATE  
 SURVEY PLOTTED DATE  
 NOTE BOOK NO. DATE  
 AREAS CHECKED

FINAL SURVEYED BY DATE  
 SURVEY PLOTTED DATE  
 NOTE BOOK NO. DATE  
 AREAS CHECKED

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1503	08-00260-01-PV	KANE	176	145
STA. 62+00.00		TO STA. 62+67.00		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

CONTRACT NO. 63095



CUT = 9.4 S.F.  
 STRUCTURAL EMBANKMENT = 0.0 S.F.  
 SHOULDER EMBANKMENT = 0.1 S.F.  
 TOPSOIL STRIPPING = 0.0 S.F.

CUT = 1.5 S.F.  
 STRUCTURAL EMBANKMENT = 0.0 S.F.  
 SHOULDER EMBANKMENT = 6.3 S.F.  
 TOPSOIL STRIPPING = 13.5 S.F.

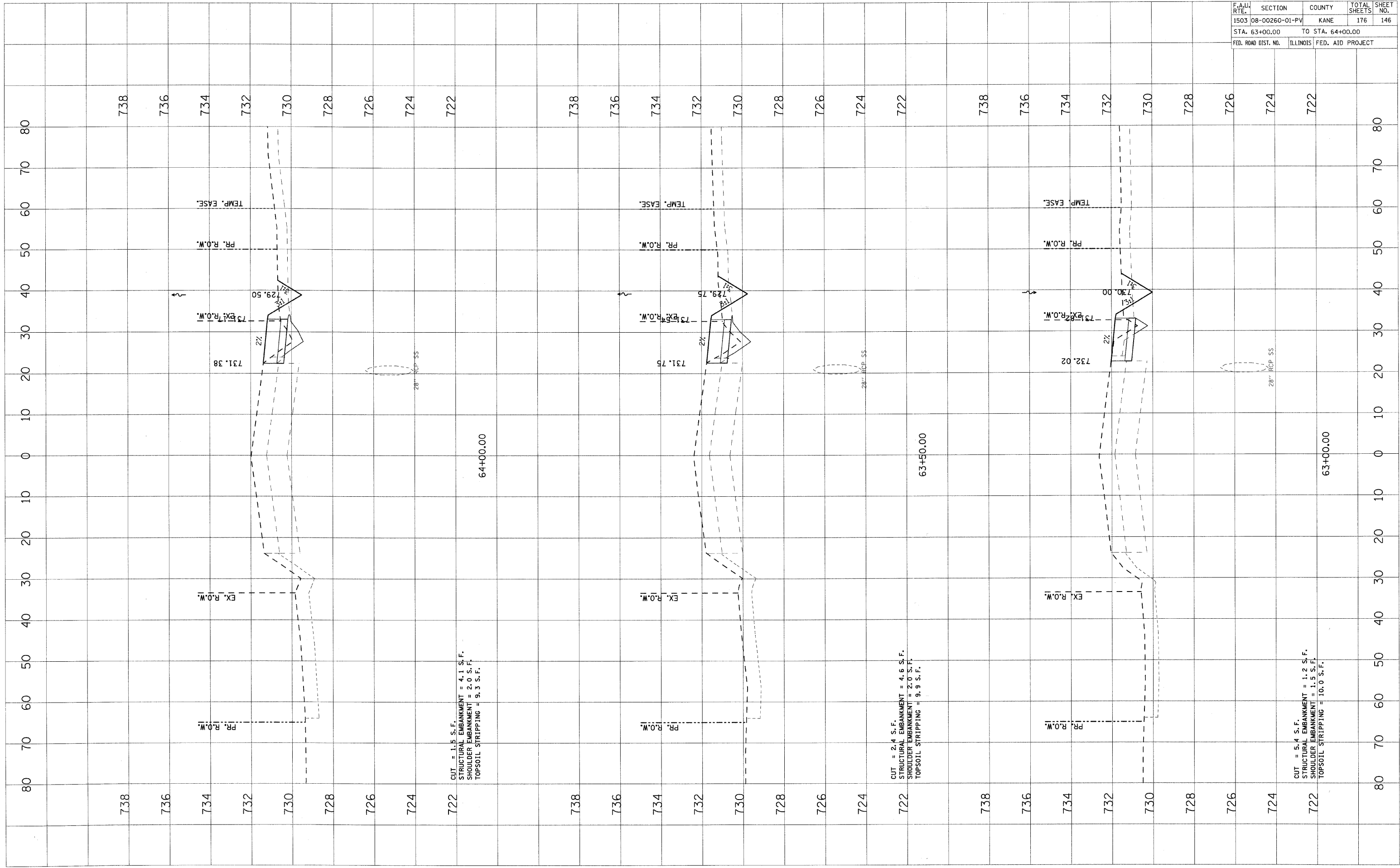
CUT = 1.1 S.F.  
 STRUCTURAL EMBANKMENT = 12.1 S.F.  
 SHOULDER EMBANKMENT = 5.4 S.F.  
 TOPSOIL STRIPPING = 10.3 S.F.

**STAGE 1A - INDIAN TRAIL**

PLOT DATE = 1/2/2009  
 PLOT SCALE = 1/4" = 100'  
 USER NAME = JUSER

ORIGINAL SURVEY  
 SURVEYED  
 PLOTTED  
 DATE  
 NO. AREAS CHECKED

BY  
 DATE  
 FIRM SURVEY  
 SURVEYED  
 PLOTTED  
 DATE  
 NO. AREAS CHECKED



64+00.00  
 CUT = 1.5 S.F.  
 STRUCTURAL EMBANKMENT = 4.1 S.F.  
 SHOULDER EMBANKMENT = 2.0 S.F.  
 TOPSOIL STRIPPING = 9.3 S.F.

63+50.00  
 CUT = 2.4 S.F.  
 STRUCTURAL EMBANKMENT = 4.6 S.F.  
 SHOULDER EMBANKMENT = 2.0 S.F.  
 TOPSOIL STRIPPING = 9.9 S.F.

63+00.00  
 CUT = 5.4 S.F.  
 STRUCTURAL EMBANKMENT = 1.2 S.F.  
 SHOULDER EMBANKMENT = 1.5 S.F.  
 TOPSOIL STRIPPING = 10.0 S.F.

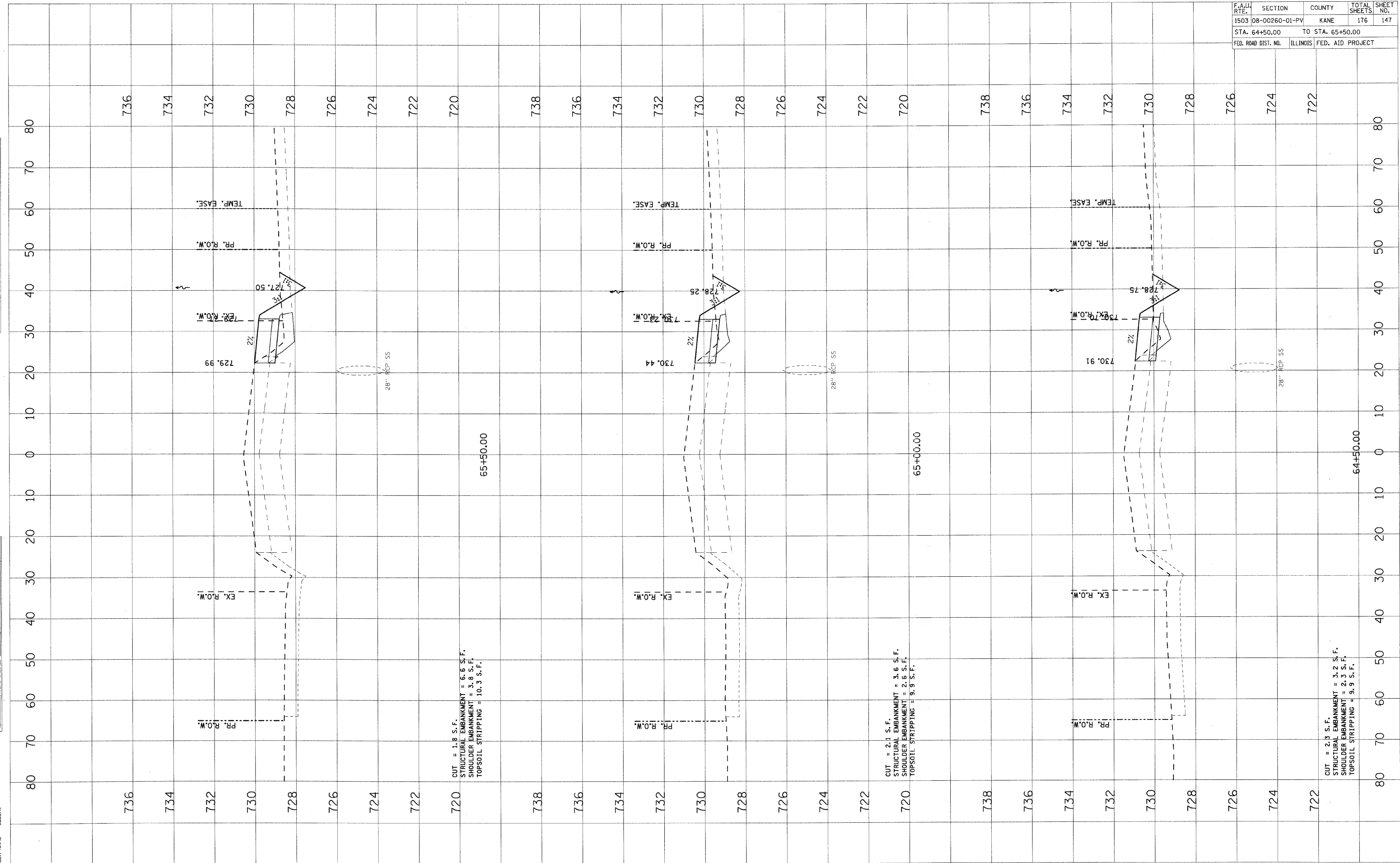
CONTRACT NO. 63095				
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1503	08-00260-01-PV	KANE	176	146
STA. 63+00.00		TO STA. 64+00.00		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

F.A.I.J. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1503	08-00260-01-PV	KANE	176	147
STA. 64+50.00		TO STA. 65+50.00		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

DATE	BY

DATE	BY

PLOT DATE = 1/5/2009  
 PLOT SCALE = 1"=40'  
 USER NAME = JUSER



CUT = 1.8 S.F.  
 STRUCTURAL EMBANKMENT = 6.6 S.F.  
 SHOULDER EMBANKMENT = 3.8 S.F.  
 TOPSOIL STRIPPING = 10.3 S.F.

CUT = 2.1 S.F.  
 STRUCTURAL EMBANKMENT = 3.6 S.F.  
 SHOULDER EMBANKMENT = 2.6 S.F.  
 TOPSOIL STRIPPING = 9.9 S.F.

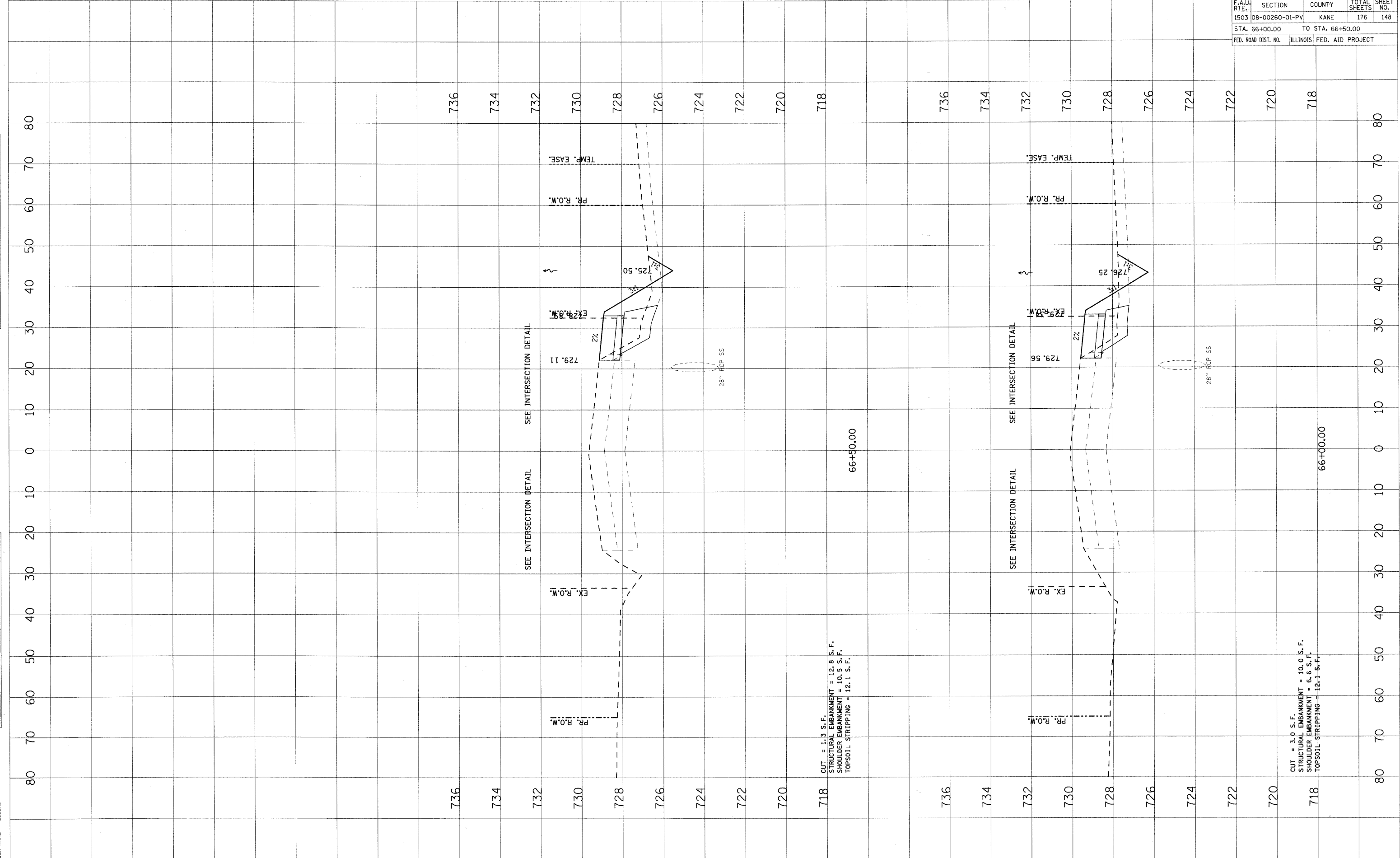
CUT = 2.3 S.F.  
 STRUCTURAL EMBANKMENT = 3.2 S.F.  
 SHOULDER EMBANKMENT = 2.3 S.F.  
 TOPSOIL STRIPPING = 9.9 S.F.

F.A.U. NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1503	08-00260-01-PV	KANE	176	148
STA. 66+00.00		TO STA. 66+50.00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

FINAL SURVEY	DATE
SURVEYED BY	
NOTE BOOK NO.	
AREAS CHECKED	

ORIGINAL SURVEY	DATE
PLOTTED BY	
AREAS CHECKED	

PLOT DATE = 1/5/2009  
 FILE NAME = H:\work\120869.LTP\INDIAN TRAIL\STAGE 1A  
 PLOT SCALE = 1"=40'  
 USER NAME = USER



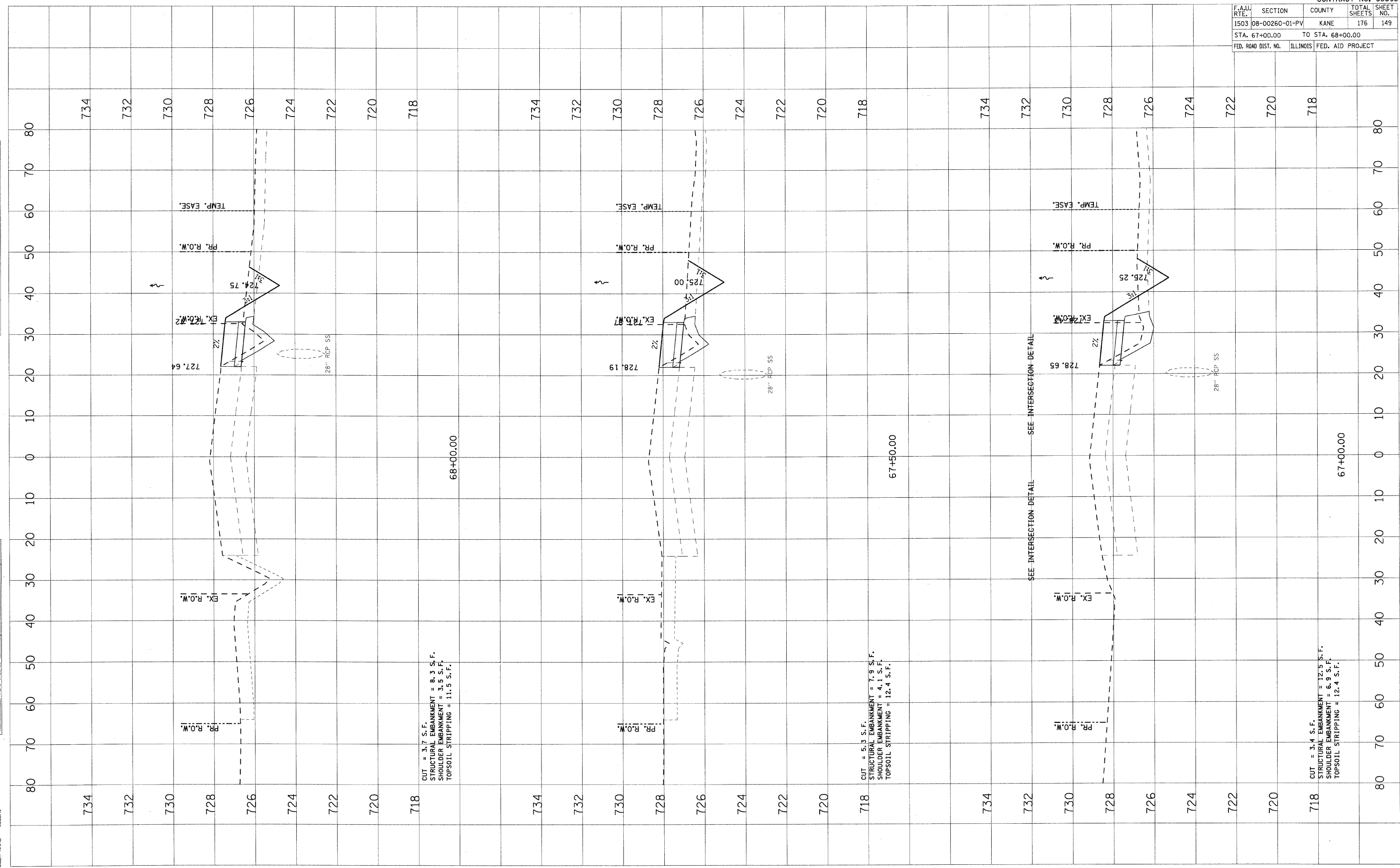


F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1503	08-00260-01-PV	KANE	176	149
STA. 67+00.00		TO STA. 68+00.00		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

FINAL SURVEY	BY	DATE
SURVEYED		
PLOTTED		
NOTED		
AREAS CHECKED		

ORIGINAL SURVEY	BY	DATE
SURVEYED		
PLOTTED		
NOTED		
AREAS CHECKED		

PLOT DATE = 1/5/2009  
 PLOT SCALE = 1"=40'  
 USER NAME = USER

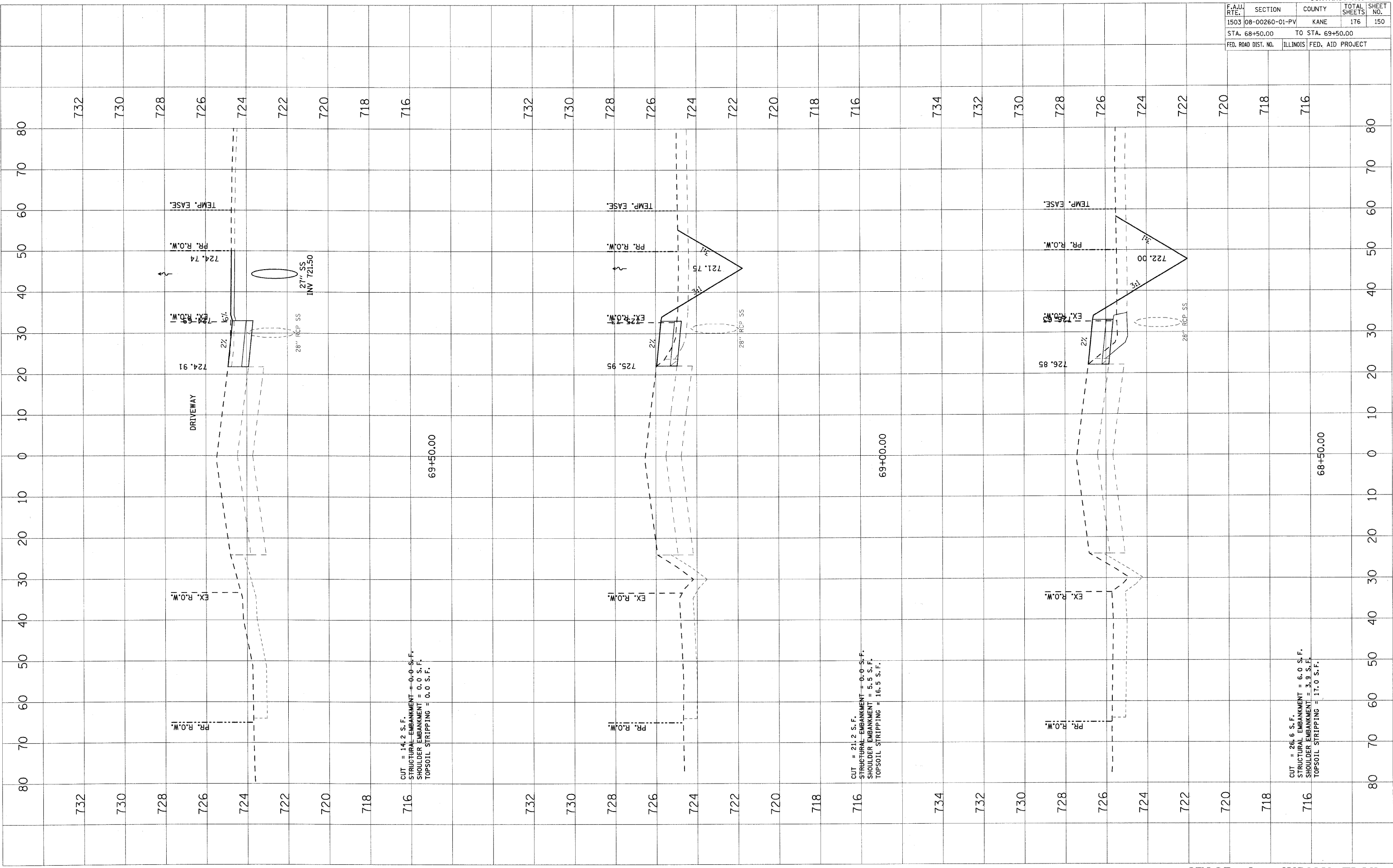


F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1503	08-00260-01-PV	KANE	176	150
STA. 68+50.00		TO STA. 69+50.00		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

NO.	AREAS CHECKED	DATE	BY

NO.	AREAS CHECKED	DATE	BY

PLOT DATE = 1/25/2009  
 PLOT SCALE = 1"=40'  
 USER NAME = USER



CUT = 14.2 S.F.  
 STRUCTURAL EMBANKMENT = 0.0 S.F.  
 SHOULDER EMBANKMENT = 0.0 S.F.  
 TOPSOIL STRIPPING = 0.0 S.F.

CUT = 21.2 S.F.  
 STRUCTURAL EMBANKMENT = 0.0 S.F.  
 SHOULDER EMBANKMENT = 5.5 S.F.  
 TOPSOIL STRIPPING = 16.5 S.F.

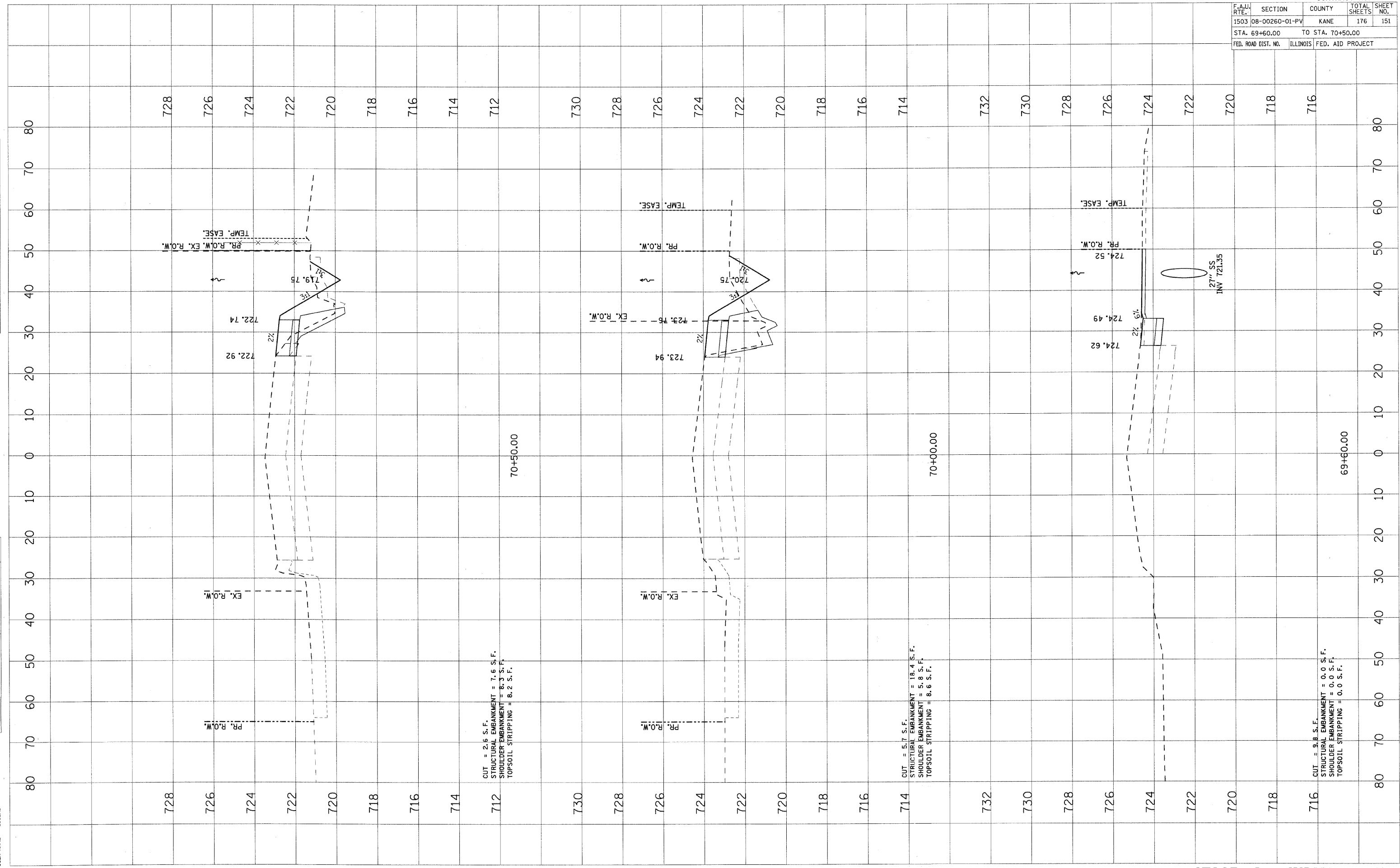
CUT = 26.6 S.F.  
 STRUCTURAL EMBANKMENT = 6.0 S.F.  
 SHOULDER EMBANKMENT = 3.9 S.F.  
 TOPSOIL STRIPPING = 17.0 S.F.

FINAL SURVEY BY DATE  
 SURVEYED BY DATE  
 NOTE BOOK NO.  
 TEMPLATE AREAS CHECKED

ORIGINAL SURVEY BY DATE  
 SURVEYED BY DATE  
 PLOTTED BY DATE  
 FILE NAME = H:\p120069\117411\INDIAN TRAIL\STAGE 1A\120069-117411-INDIAN TRAIL-5042E.dwg  
 AREAS CHECKED

PLOT DATE = 1/6/2009  
 FILE NAME = H:\p120069\117411\INDIAN TRAIL\STAGE 1A\120069-117411-INDIAN TRAIL-5042E.dwg  
 PLOT SCALE = 1" = 40'  
 USER NAME = JUSER

CONTRACT NO. 63095	
F.A.U. RTE.	SECTION
1503	08-00260-01-PV
COUNTY	TOTAL SHEETS
KANE	176
SHEET NO.	151
STA. 69+60.00 TO STA. 70+50.00	
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT

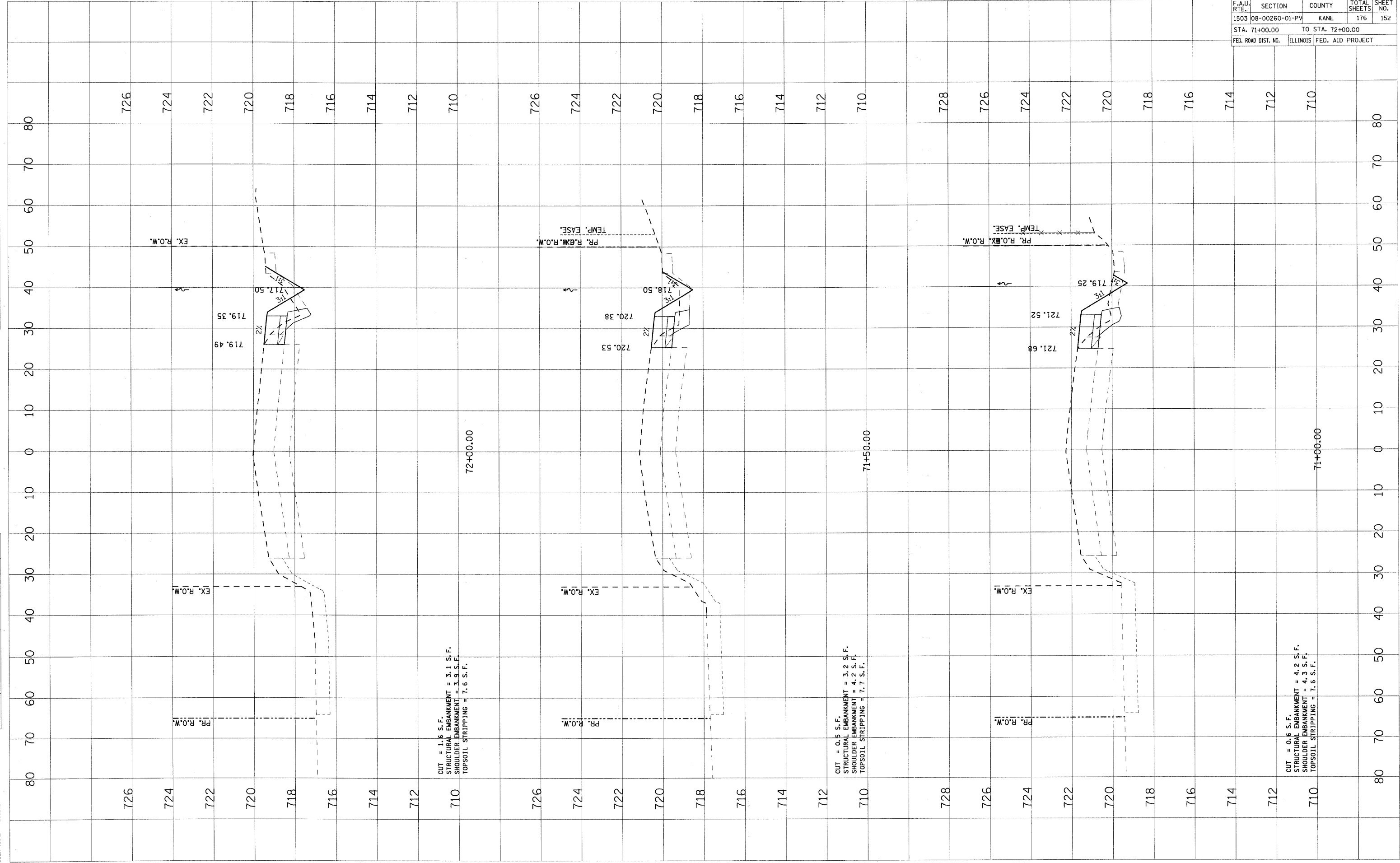


F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1503	08-00260-01-PV	KANE	176	152
STA. 71+00.00		TO STA. 72+00.00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

FINAL SURVEY	BY	DATE
NOTE BOOK		
AREAS		
AREAS CHECKED		

ORIGINAL SURVEY	BY	DATE
NOTED		
AREAS		
AREAS CHECKED		

PLOT DATE = 1/6/2009  
 FILE NAME = H:\a\p\128095.LIP\INDIAN TRAIL 63095.dwg  
 PLOT SCALE =  
 USER NAME = USER.

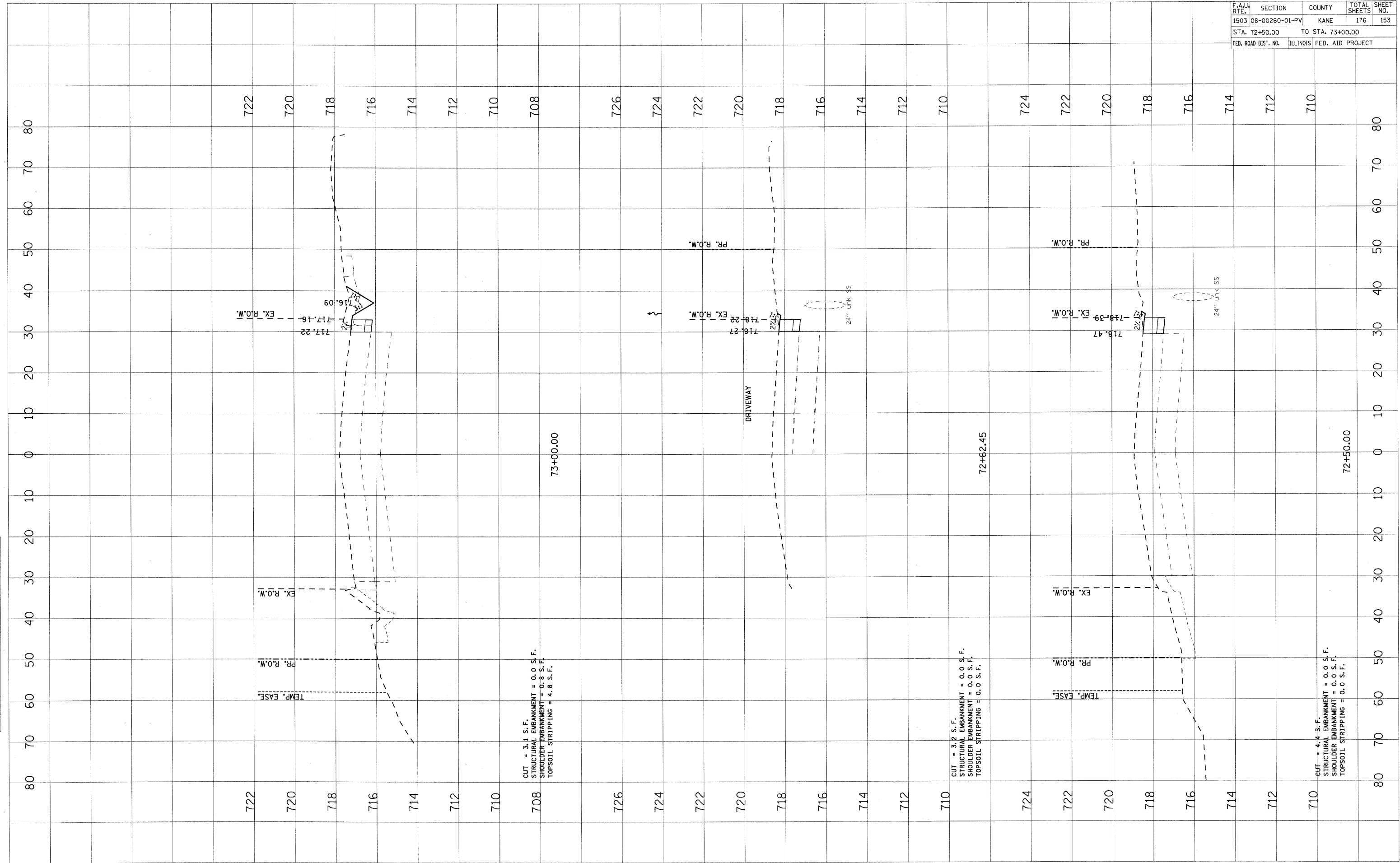


F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1503	08-00260-01-PV	KANE	176	153
STA. 72+50.00		TO STA. 73+00.00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

FINAL SURVEY	BY	DATE
SURVEYED		
NOTE BOOK		
AREAS CHECKED		

ORIGINAL SURVEY	BY	DATE
SURVEYED		
NOTE BOOK		
AREAS CHECKED		

PLOT DATE = 1/5/2009  
 FILE NAME = R:\p\p\1220899\_LTPH11\GV1\SH\XSTP101.DWG  
 PLOT SCALE = USER  
 USER NAME = USER

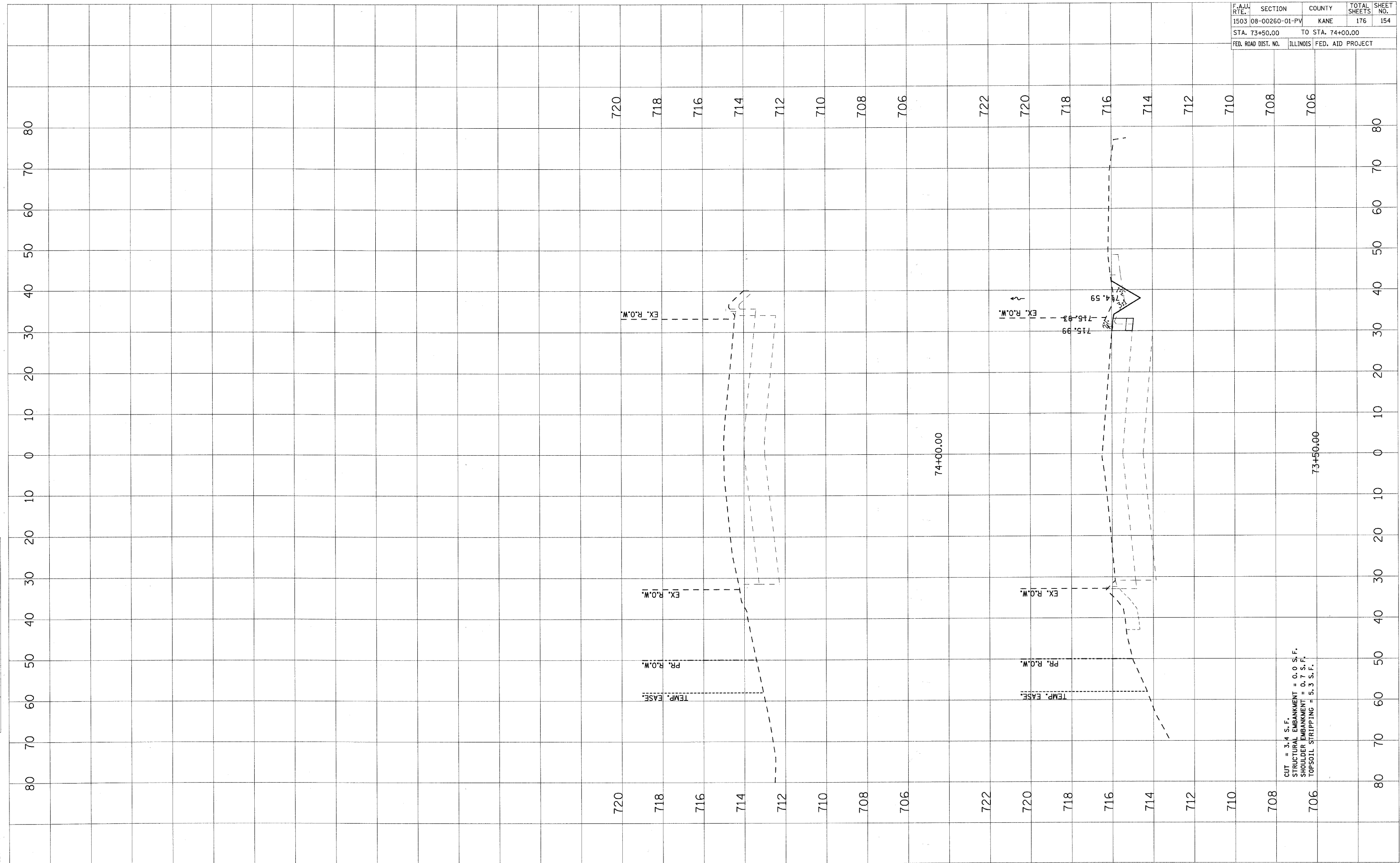


F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1503	08-00260-01-PV	KANE	176	154
STA. 73+50.00		TO STA. 74+00.00		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

FINAL SURVEY	BY	DATE
SURVEYED		
NOTE BOOK		
AREAS CHECKED		
NO.		

ORIGINAL SURVEY	BY	DATE
SURVEYED		
NOTE BOOK		
AREAS CHECKED		
NO.		

PLOT DATE = 1/5/2009  
 FILE NAME = H:\p\p120089.L\TPH\CAVIN\STAGE 1A\STAGE 1A.DWG  
 PLOT SCALE = 1" = 40'  
 USER NAME = JUSER



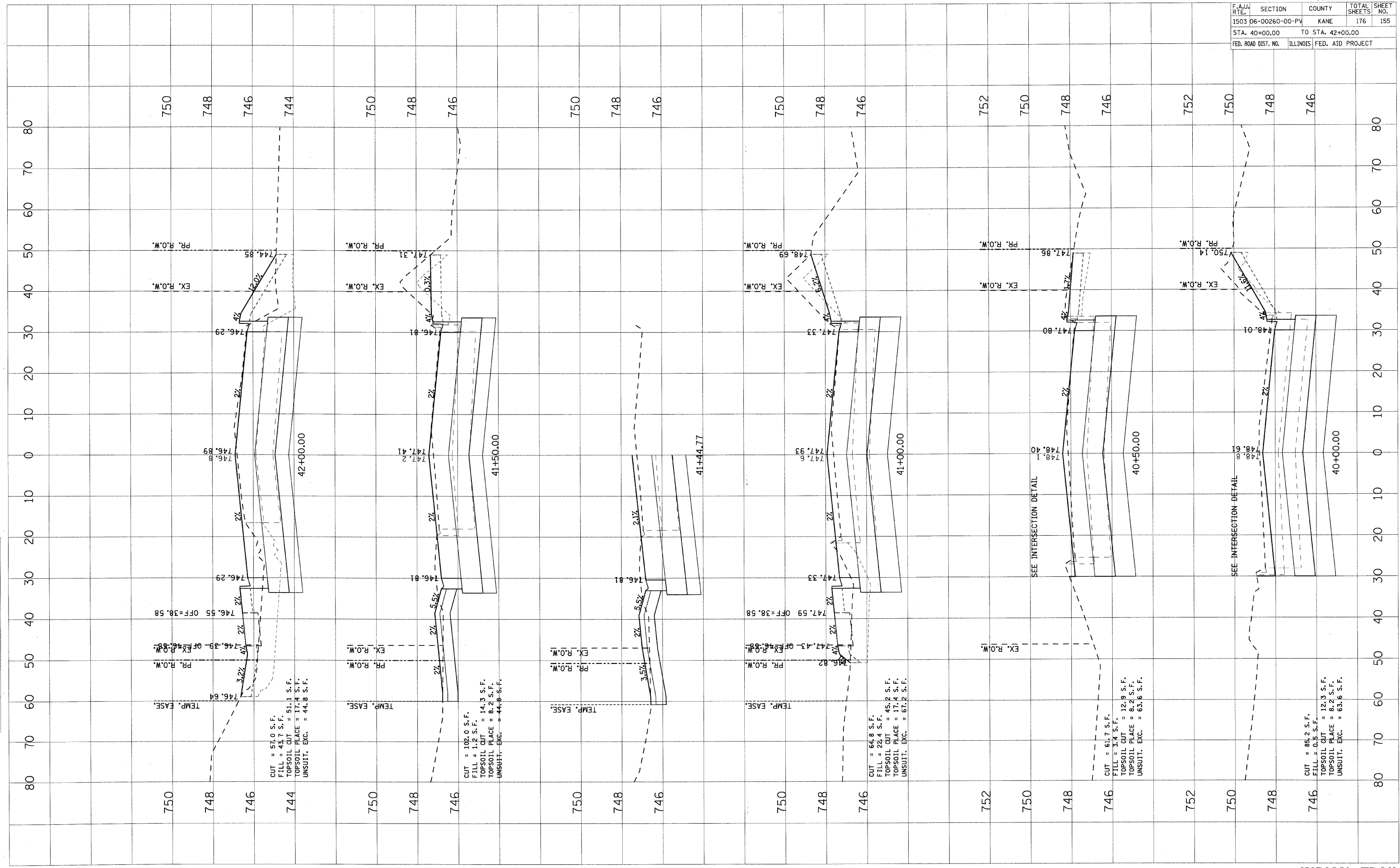
CUT = 3.4 S.F.  
 STRUCTURAL EMBANKMENT = 0.0 S.F.  
 SHOULDER EMBANKMENT = 0.7 S.F.  
 TOPSOIL STRIPPING = 5.3 S.F.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1503 06-00260-00-PV		KANE	176	155
STA. 40+00.00		TO STA. 42+00.00		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

NO.	DATE	BY

NO.	DATE	BY

PLOT DATE = 1/5/2009  
 FILE NAME = H:\Users\120889.LTP\11\Gval\SH\X81E.dwg  
 PLOT SCALE = 1"=40'  
 USER NAME = JUSER



CUT = 57.0 S.F.  
 FILL = 43.7 S.F.  
 TOPSOIL CUT = 51.1 S.F.  
 TOPSOIL PLACE = 17.4 S.F.  
 UNSUIT. EXC. = 44.8 S.F.

CUT = 102.0 S.F.  
 FILL = 1.2 S.F.  
 TOPSOIL CUT = 14.3 S.F.  
 TOPSOIL PLACE = 8.2 S.F.  
 UNSUIT. EXC. = 44.8 S.F.

CUT = 64.8 S.F.  
 FILL = 22.4 S.F.  
 TOPSOIL CUT = 45.2 S.F.  
 TOPSOIL PLACE = 17.4 S.F.  
 UNSUIT. EXC. = 67.2 S.F.

CUT = 61.7 S.F.  
 FILL = 3.4 S.F.  
 TOPSOIL CUT = 12.9 S.F.  
 TOPSOIL PLACE = 8.2 S.F.  
 UNSUIT. EXC. = 63.6 S.F.

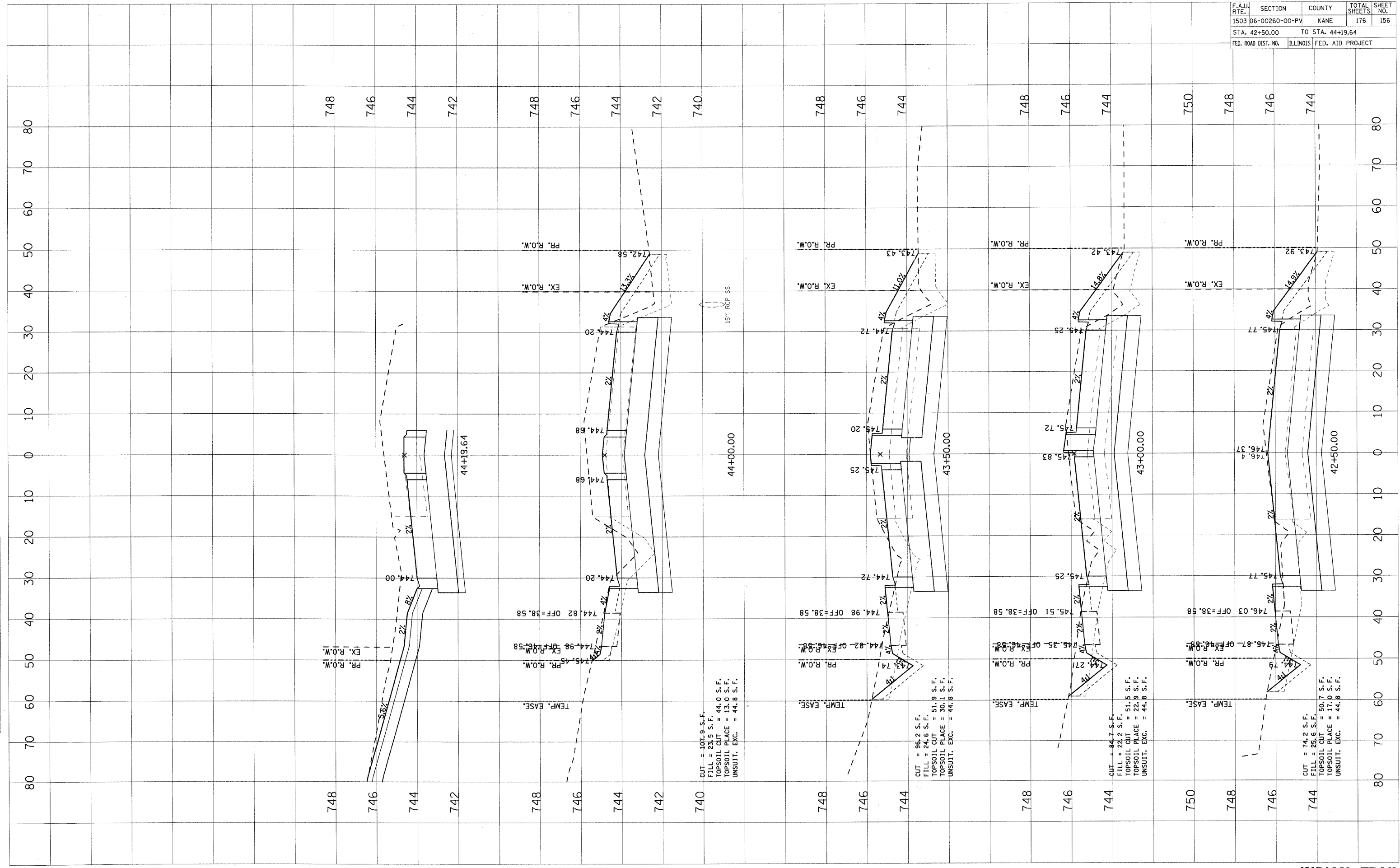
CUT = 85.2 S.F.  
 FILL = 0.5 S.F.  
 TOPSOIL CUT = 12.3 S.F.  
 TOPSOIL PLACE = 8.2 S.F.  
 UNSUIT. EXC. = 63.6 S.F.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1503	06-00260-00-PV	KANE	176	156
STA. 42+50.00		TO STA. 44+19.64		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

FINAL SURVEY	BY	DATE
SURVEYED		
NOTED		
TEMPLATE		
AREAS		
CHECKED		

ORIGINAL SURVEY	BY	DATE
SURVEYED		
NOTED		
TEMPLATE		
AREAS		
CHECKED		

PLOT DATE = 1/5/2009  
 FILE NAME = H:\Users\A1208893.LTP\11\G\11\SH\1503\156.dwg  
 PLOT SCALE = USER  
 USER NAME = USER



44+00.00  
 CUT = 107.9 S.F.  
 FILL = 23.5 S.F.  
 TOPSOIL CUT = 44.0 S.F.  
 TOPSOIL PLAGE = 13.0 S.F.  
 UNSUIT. EXC. = 44.8 S.F.

43+50.00  
 CUT = 96.2 S.F.  
 FILL = 24.6 S.F.  
 TOPSOIL CUT = 51.9 S.F.  
 TOPSOIL PLAGE = 30.1 S.F.  
 UNSUIT. EXC. = 44.8 S.F.

43+00.00  
 CUT = 84.7 S.F.  
 FILL = 22.2 S.F.  
 TOPSOIL CUT = 51.5 S.F.  
 TOPSOIL PLAGE = 22.9 S.F.  
 UNSUIT. EXC. = 44.8 S.F.

42+50.00  
 CUT = 74.2 S.F.  
 FILL = 25.6 S.F.  
 TOPSOIL CUT = 50.7 S.F.  
 TOPSOIL PLAGE = 17.0 S.F.  
 UNSUIT. EXC. = 44.8 S.F.

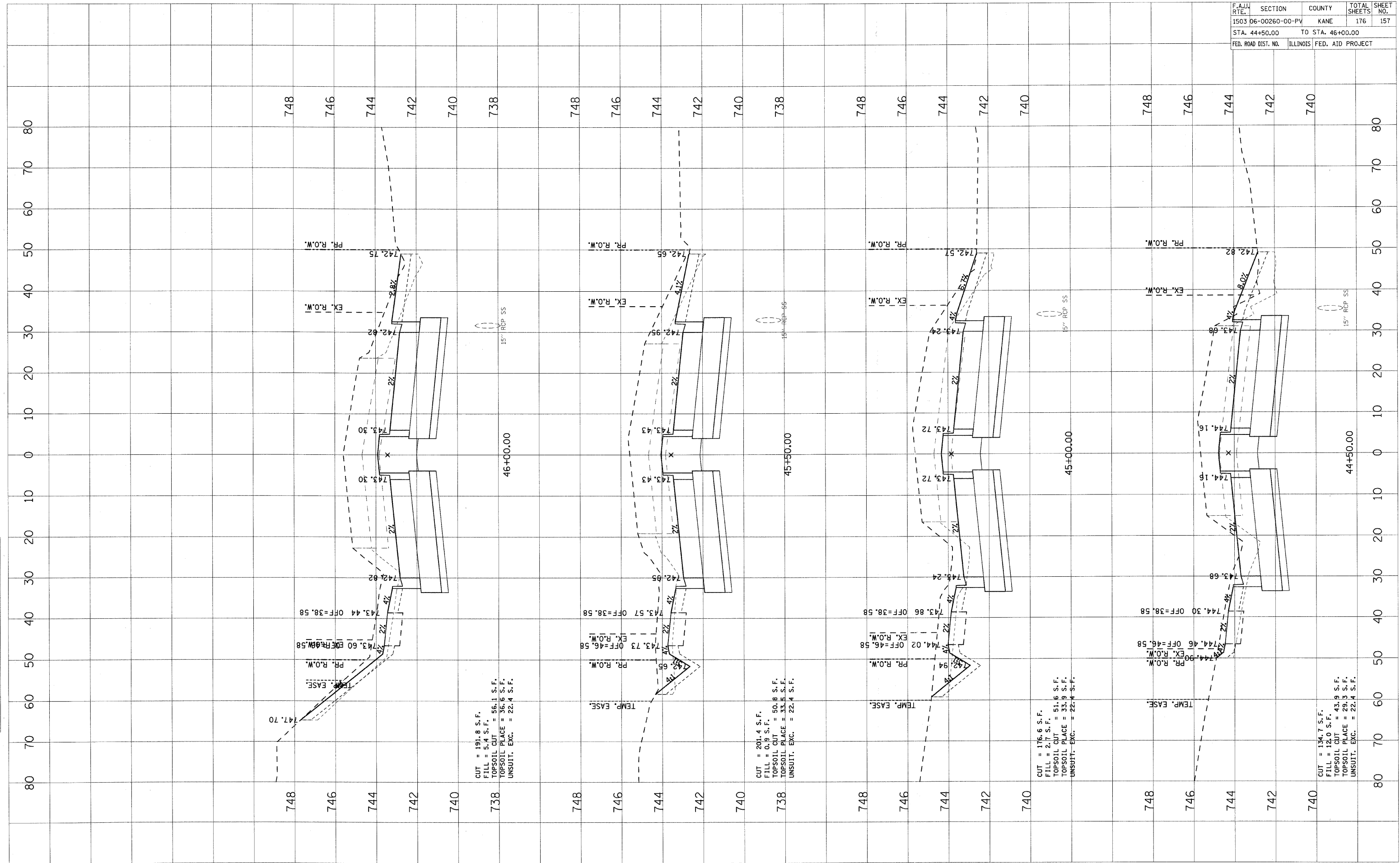


F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1503 D6-00260-00-PV		KANE	176	157
STA. 44+50.00		TO STA. 46+00.00		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

FINAL SURVEY	BY	DATE
SURVEYED		
TEMPLATE		
AREAS CHECKED		
NO.		

ORIGINAL SURVEY	BY	DATE
SURVEYED		
TEMPLATE		
AREAS CHECKED		
NO.		

PLOT DATE = 1/5/2009  
 FILE NAME = H:\Users\1208893.LTP\11\G\11\SH\1503 D6-00260-00-PV.dwg  
 PLOT SCALE = USER  
 USER NAME = USER



CUT = 191.8 S.F.  
 FILL = 5.4 S.F.  
 TOPSOIL CUT = 56.1 S.F.  
 TOPSOIL PLAGE = 36.6 S.F.  
 UNSUIT. EXC. = 22.4 S.F.

CUT = 201.4 S.F.  
 FILL = 0.9 S.F.  
 TOPSOIL CUT = 50.8 S.F.  
 TOPSOIL PLAGE = 33.5 S.F.  
 UNSUIT. EXC. = 22.4 S.F.

CUT = 176.6 S.F.  
 FILL = 2.7 S.F.  
 TOPSOIL CUT = 51.6 S.F.  
 TOPSOIL PLAGE = 33.9 S.F.  
 UNSUIT. EXC. = 22.4 S.F.

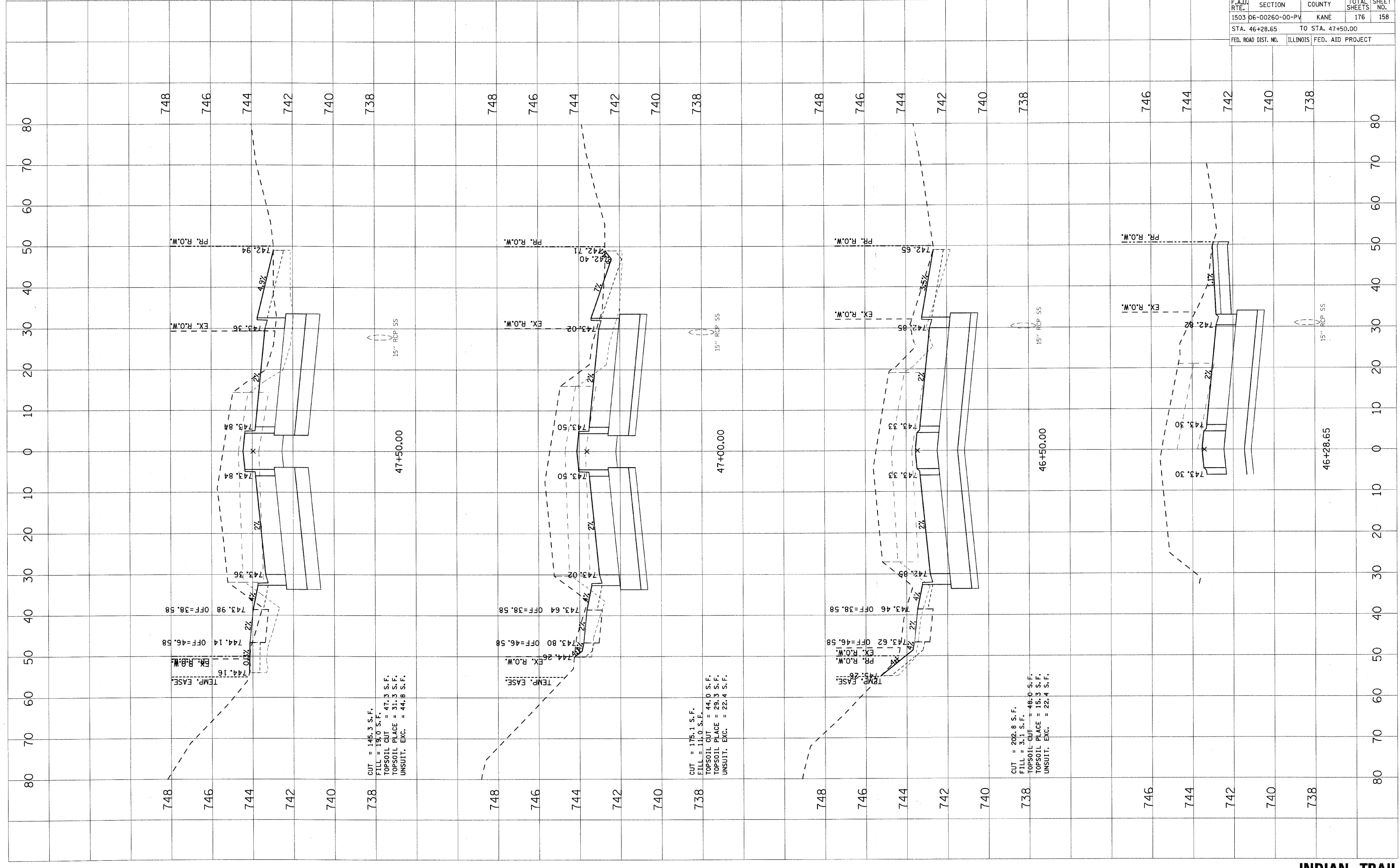
CUT = 134.7 S.F.  
 FILL = 12.0 S.F.  
 TOPSOIL CUT = 43.9 S.F.  
 TOPSOIL PLAGE = 29.3 S.F.  
 UNSUIT. EXC. = 22.4 S.F.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1503 06-00260-00-PV		KANE	176	158
STA. 46+28.65		TO STA. 47+50.00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

FINAL SURVEY	BY	DATE
SWANSON		
SCOTTED		
NOTE BOOK		
AREAS		
AREAS CHECKED		

ORIGINAL SURVEY	BY	DATE
SWANSON		
SCOTTED		
NOTE BOOK		
AREAS		
AREAS CHECKED		

PLOT DATE = 1/5/2009  
FILE NAME = H:\Users\120269\_1\Projects\Civil\SWANSON\15814.dwg  
PLOT SCALE =  
USER NAME = USER



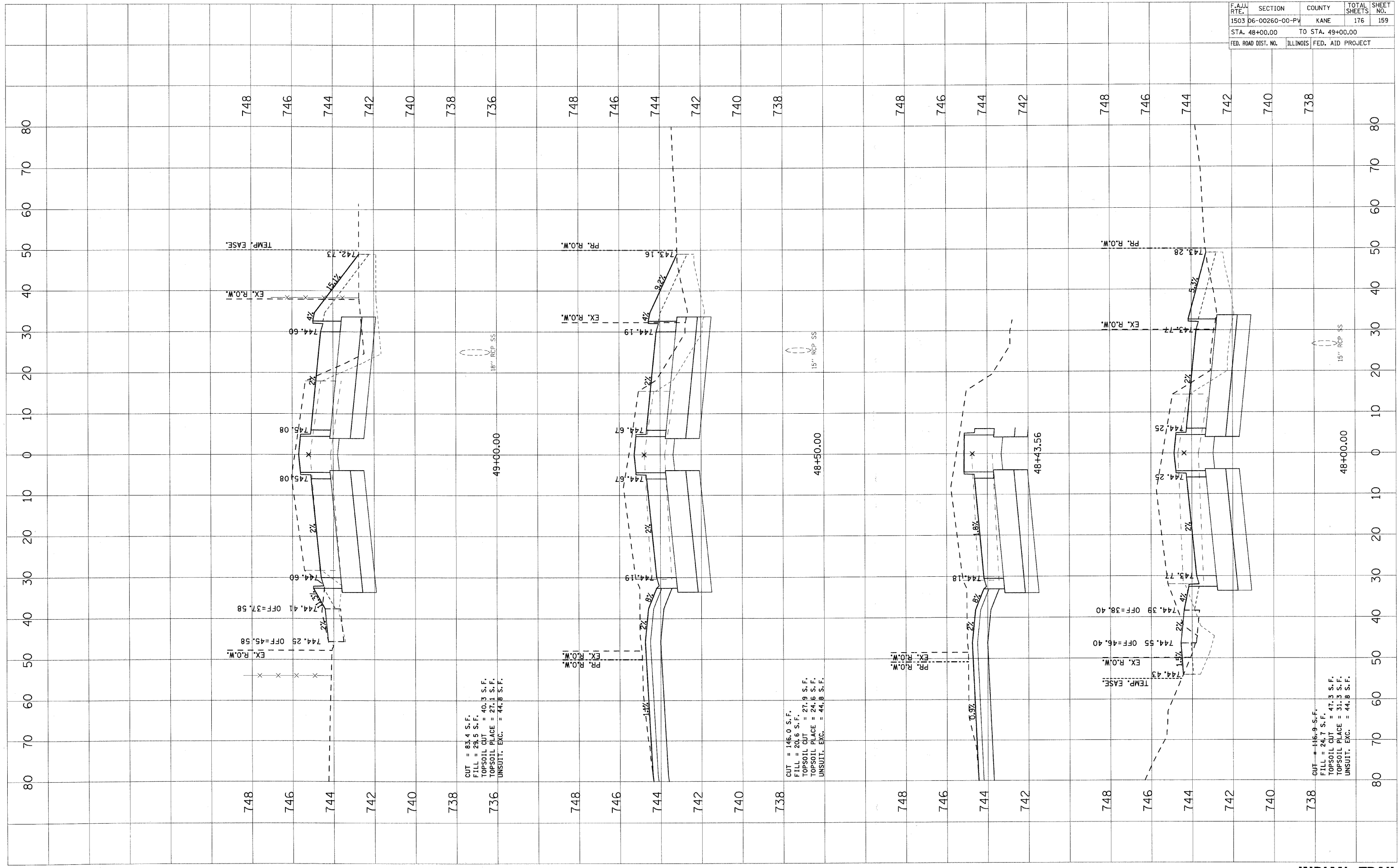
PLOT DATE = 1/5/2009  
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 USER NAME = USER

ORIGINAL SURVEY BY DATE  
 SURVEYED BY DATE  
 PLOTTED BY DATE  
 TEMPLATE NO.  
 AREAS CHECKED

FINAL SURVEY BY DATE  
 SURVEYED BY DATE  
 PLOTTED BY DATE  
 TEMPLATE NO.  
 AREAS CHECKED

CONTRACT NO. 63095

F.A.J.J. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1503 D6-00260-00-PV		KANE	176	159
STA. 48+00.00		TO STA. 49+00.00		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



CUT = 83.4 S.F.  
 FILL = 28.5 S.F.  
 TOPSOIL CUT = 40.3 S.F.  
 TOPSOIL PLAGE = 27.1 S.F.  
 UNSUIT. EXC. = 44.8 S.F.

CUT = 146.0 S.F.  
 FILL = 20.6 S.F.  
 TOPSOIL CUT = 27.9 S.F.  
 TOPSOIL PLAGE = 24.6 S.F.  
 UNSUIT. EXC. = 44.8 S.F.

CUT = 116.9 S.F.  
 FILL = 24.7 S.F.  
 TOPSOIL CUT = 47.3 S.F.  
 TOPSOIL PLAGE = 31.3 S.F.  
 UNSUIT. EXC. = 44.8 S.F.

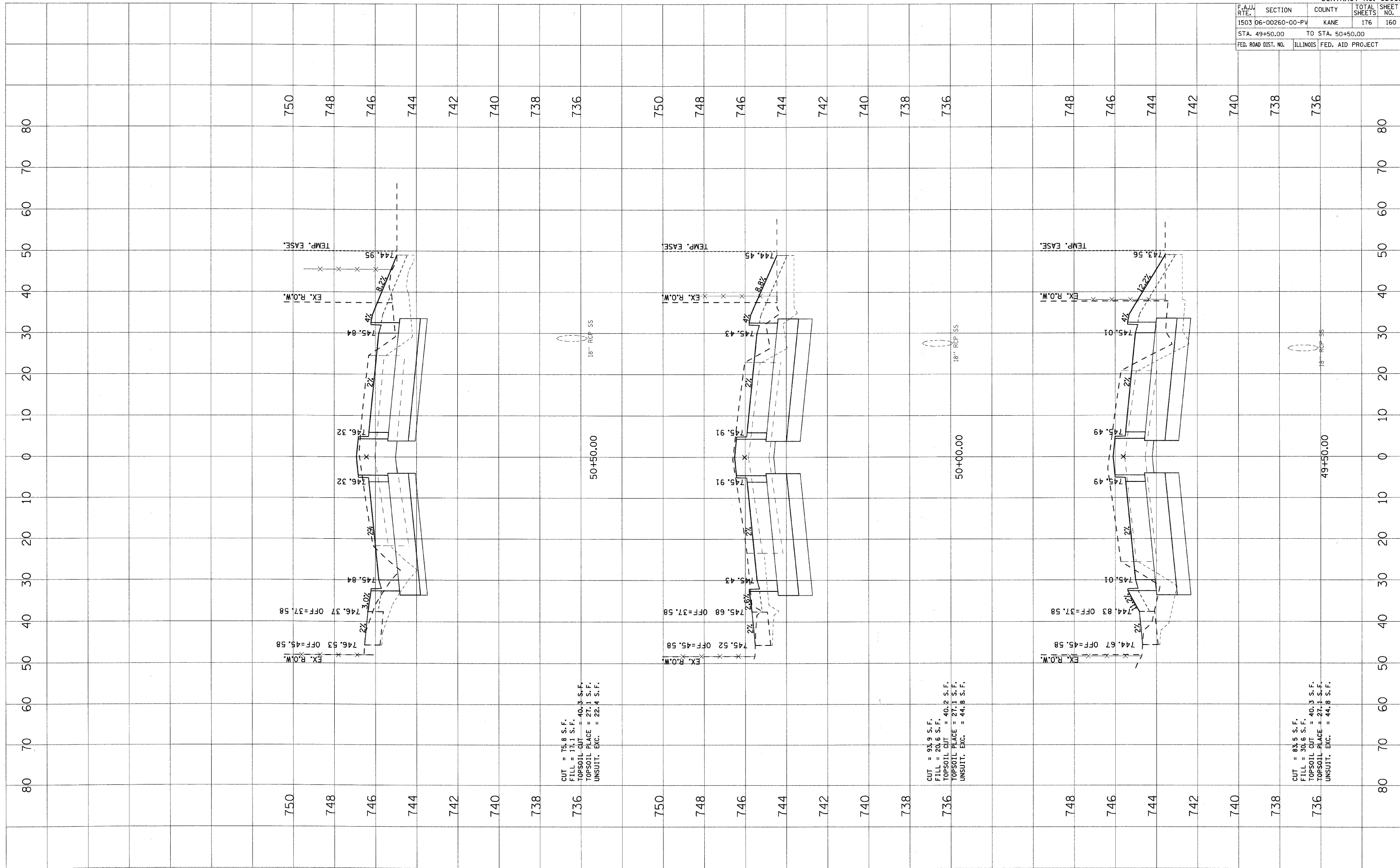
INDIAN TRAIL

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1503 D6-00260-00-PV	KANE	176	160	
STA. 49+50.00		TO STA. 50+50.00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

FINL	SURVISED	DATE
SURVEY	PLOTTED	
NOTE BOOK	TEMPLATE	
AREAS	CHECKED	
NO.		

ORIGINAL	SURVISED	DATE
SURVEY	PLOTTED	
AREAS	CHECKED	
NO.		

PLOT DATE = 1/5/2009  
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 USER NAME = USER



CUT = 75.8 S.F.  
 FILL = 17.1 S.F.  
 TOPSOIL CUT = 40.3 S.F.  
 TOPSOIL PLACE = 27.1 S.F.  
 UNSUIT. ENC. = 22.4 S.F.

CUT = 93.9 S.F.  
 FILL = 20.6 S.F.  
 TOPSOIL CUT = 40.2 S.F.  
 TOPSOIL PLACE = 27.1 S.F.  
 UNSUIT. ENC. = 44.8 S.F.

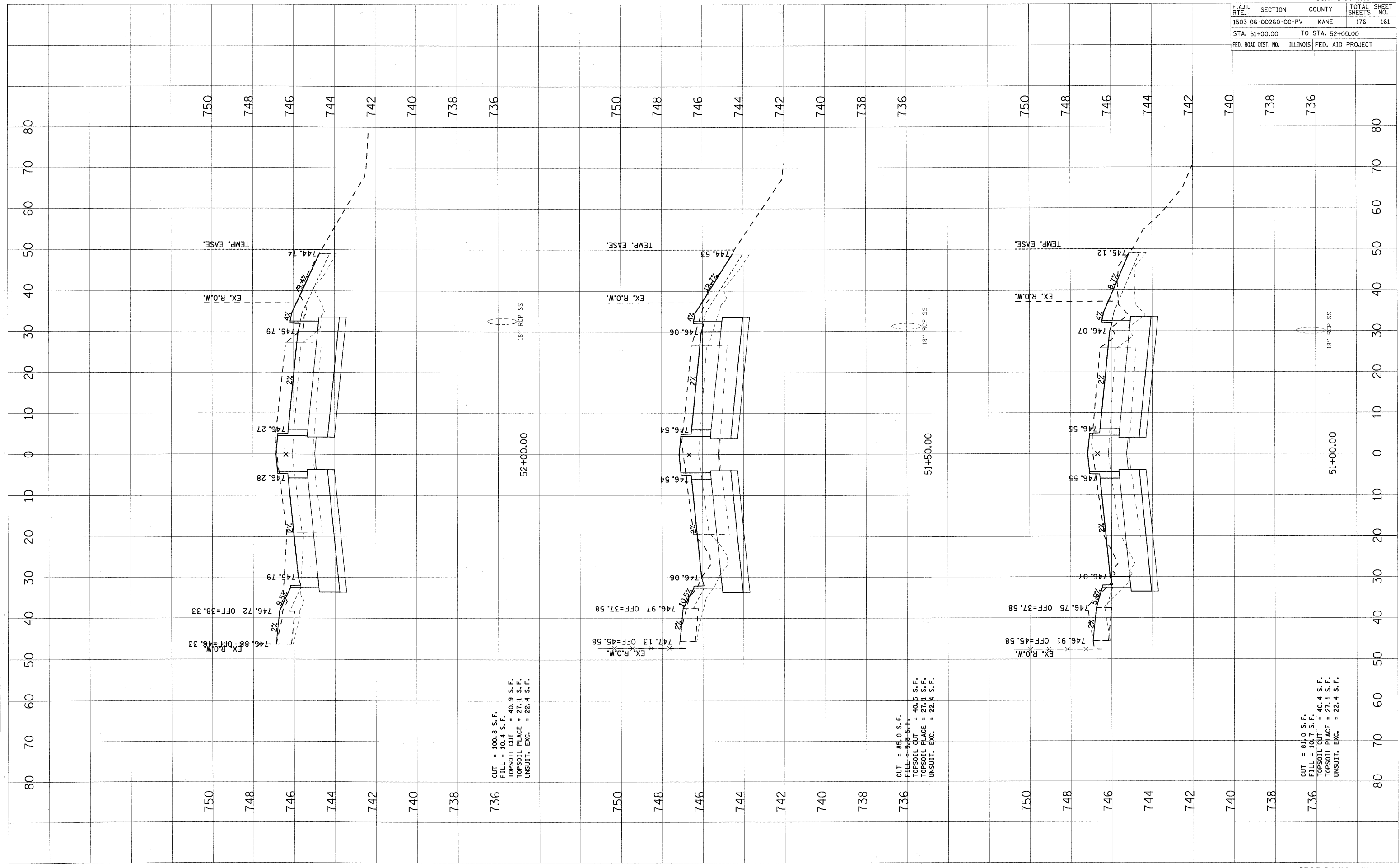
CUT = 83.5 S.F.  
 FILL = 30.6 S.F.  
 TOPSOIL CUT = 40.3 S.F.  
 TOPSOIL PLACE = 27.1 S.F.  
 UNSUIT. ENC. = 44.8 S.F.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1503	06-00260-00-PV	KANE	176	161
STA. 51+00.00		TO STA. 52+00.00		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

FINAL SURVEY	DATE
SURVEYED BY	
NOTE BOOK NO.	
AREAS CHECKED	

ORIGINAL SURVEY	DATE
SURVEYED BY	
NOTE BOOK NO.	
AREAS CHECKED	

PLOT DATE = 1/5/2009  
 FILE NAME = H:\Users\j208695\_1\Public\GIS\11\Sh\X\63095.dwg  
 PLOT SCALE = USER  
 USER NAME = USER



736 CUT = 100.8 S.F.  
 FILL = 10.4 S.F.  
 TOPSOIL CUT = 40.9 S.F.  
 TOPSOIL PLACE = 27.1 S.F.  
 UNSUIT. EXC. = 22.4 S.F.

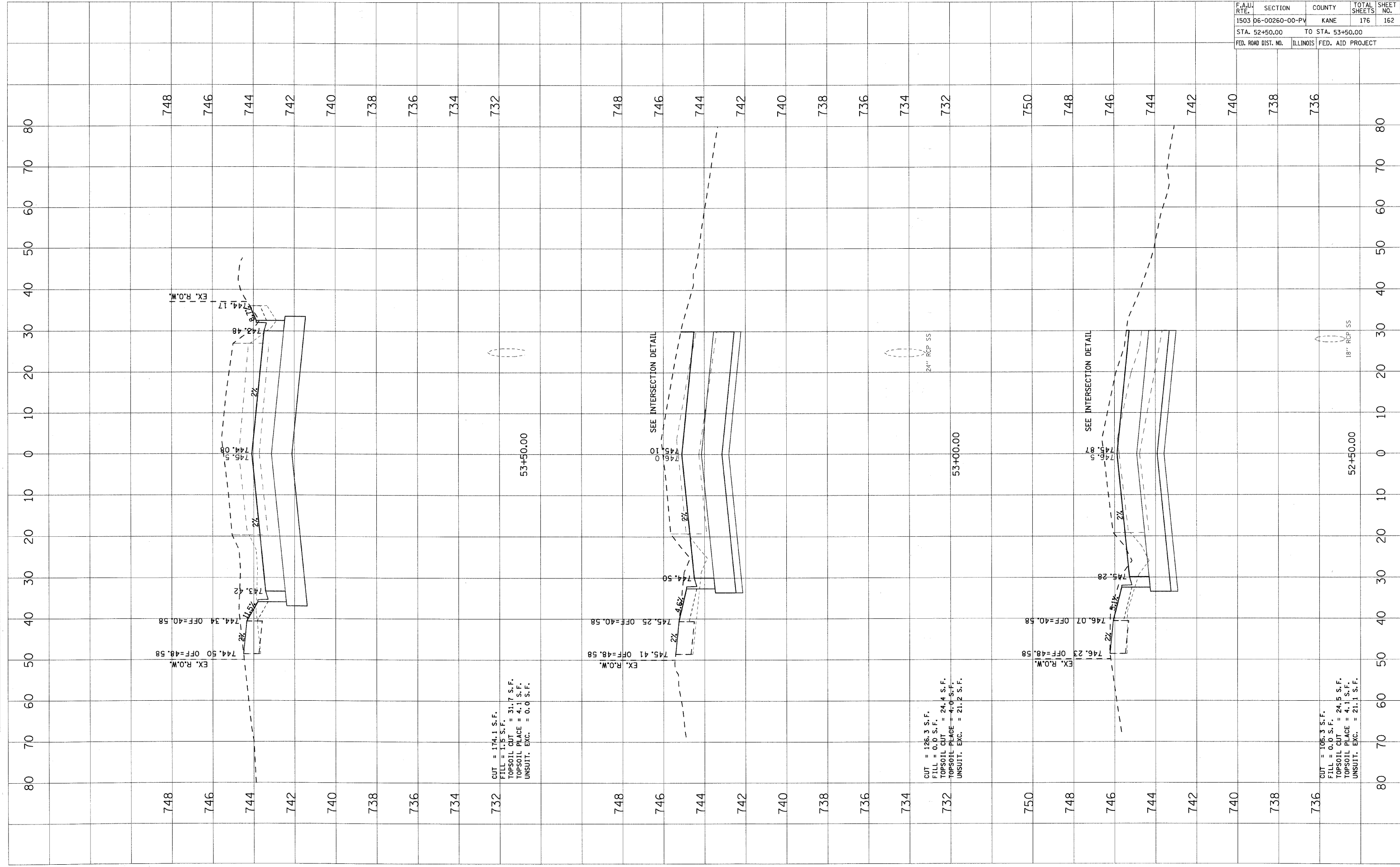
736 CUT = 85.0 S.F.  
 FILL = 9.8 S.F.  
 TOPSOIL CUT = 40.5 S.F.  
 TOPSOIL PLACE = 27.1 S.F.  
 UNSUIT. EXC. = 22.4 S.F.

736 CUT = 81.0 S.F.  
 FILL = 10.7 S.F.  
 TOPSOIL CUT = 40.4 S.F.  
 TOPSOIL PLACE = 27.1 S.F.  
 UNSUIT. EXC. = 22.4 S.F.

PLOT DATE = 1/5/2009  
 FILE NAME = I:\Road\120069\120069.dwg  
 PLOT SCALE = USER  
 USER NAME = USER

ORIGINAL SURVEY PLOTTED DATE  
 SURVEY PLOTTED DATE  
 BY DATE

FINAL SURVEY PLOTTED DATE  
 SURVEY PLOTTED DATE  
 BY DATE

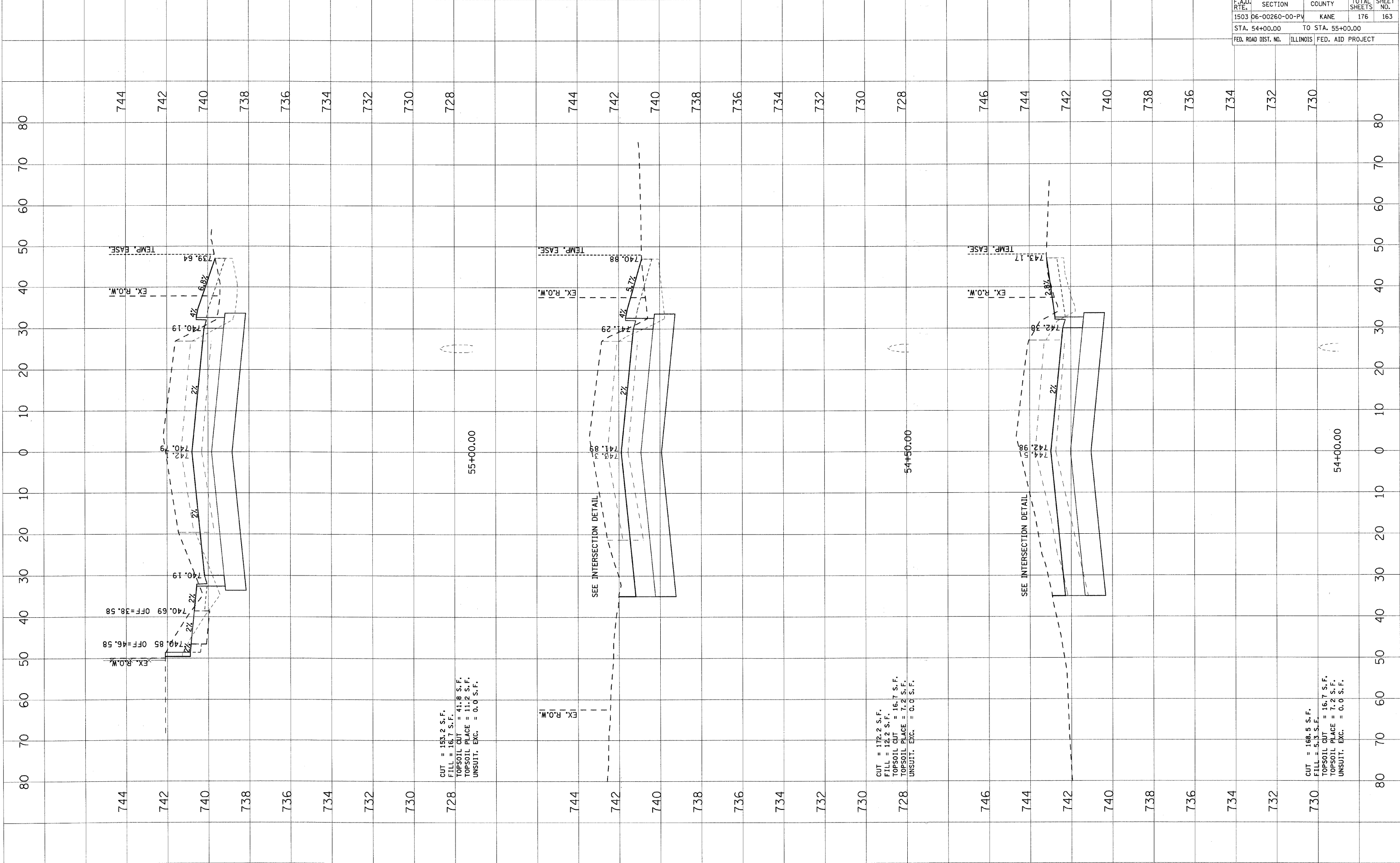


F.A.U. NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1503	D6-00260-00-PV	KANE	176	162
STA. 52+50.00		TO STA. 53+50.00		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

PLOT DATE = 1/5/2009  
 USER NAME = USER

ORIGINAL SURVEYED PLOTTED  
 SURVEY PLOT DATE  
 NO. AREAS CHECKED

FINAL SURVEYED PLOTTED  
 SURVEY PLOT DATE  
 NO. AREAS CHECKED



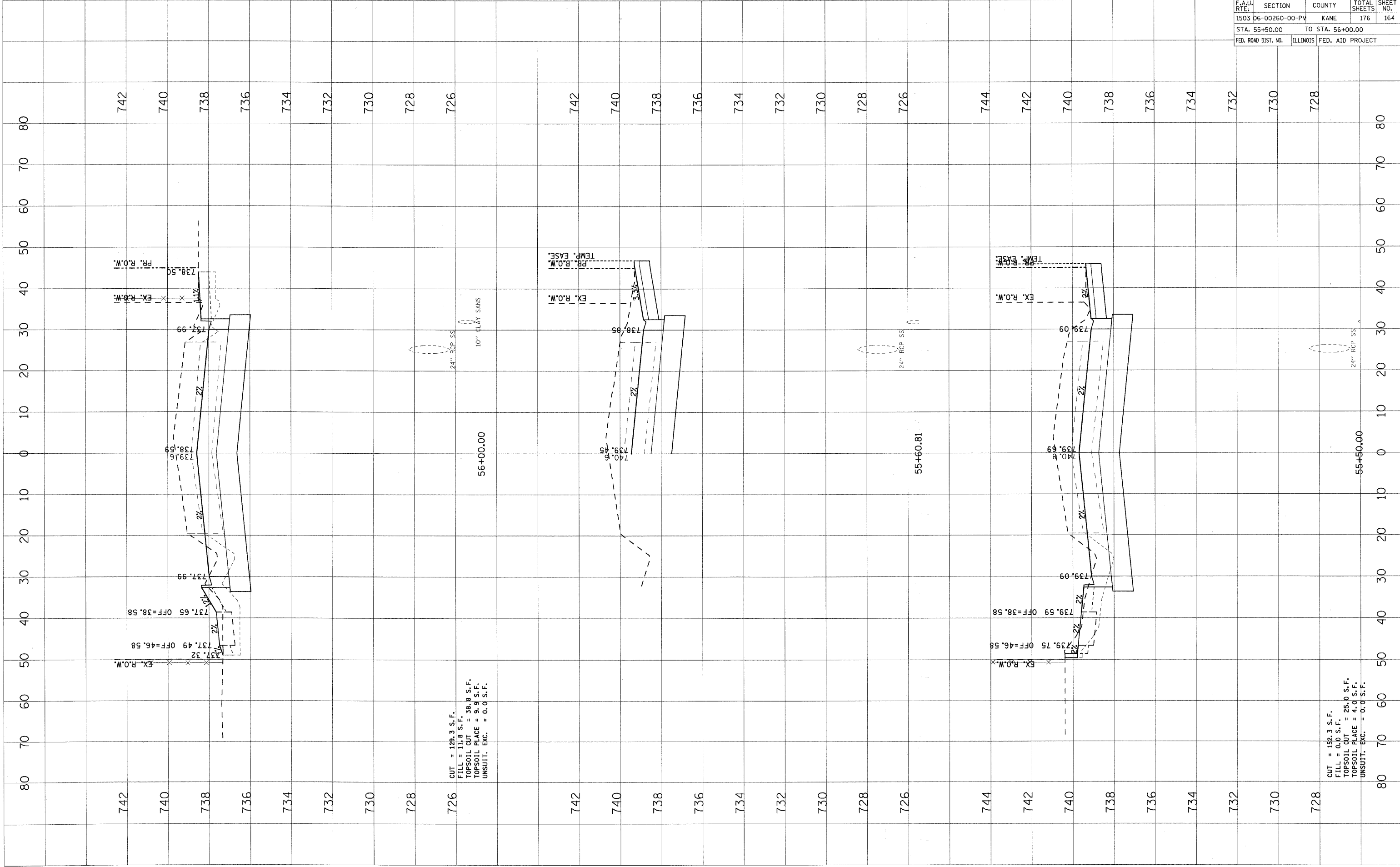
F.A.I.D. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1503	06-00260-00-PV	KANE	176	163
STA. 54+00.00		TO STA. 55+00.00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

PLOT DATE = 1/5/2009  
 FILE NAME = H:\Users\at120865\ltp\11\civil\INDIAN TRAIL\INDIAN TRAIL.dwg  
 USER NAME = USER

ORIGINAL SURVEYED BY DATE  
 SURVEY PLOTTED  
 NOTE BOOK TEMPLATE  
 NO. AREAS CHECKED

FINAL SURVEYED BY DATE  
 SURVEY PLOTTED  
 NOTE BOOK TEMPLATE  
 NO. AREAS CHECKED

CONTRACT NO. 63095	
F.A.U. RTE.	SECTION
1503	06-00260-00-PV
COUNTY	TOTAL SHEETS
KANE	176
STA. 55+50.00	TO STA. 56+00.00
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT



CUT = 128.3 S.F.  
 FILL = 11.8 S.F.  
 TOPSOIL CUT = 38.8 S.F.  
 TOPSOIL PLACE = 9.9 S.F.  
 UNSUIT. EXC. = 0.0 S.F.

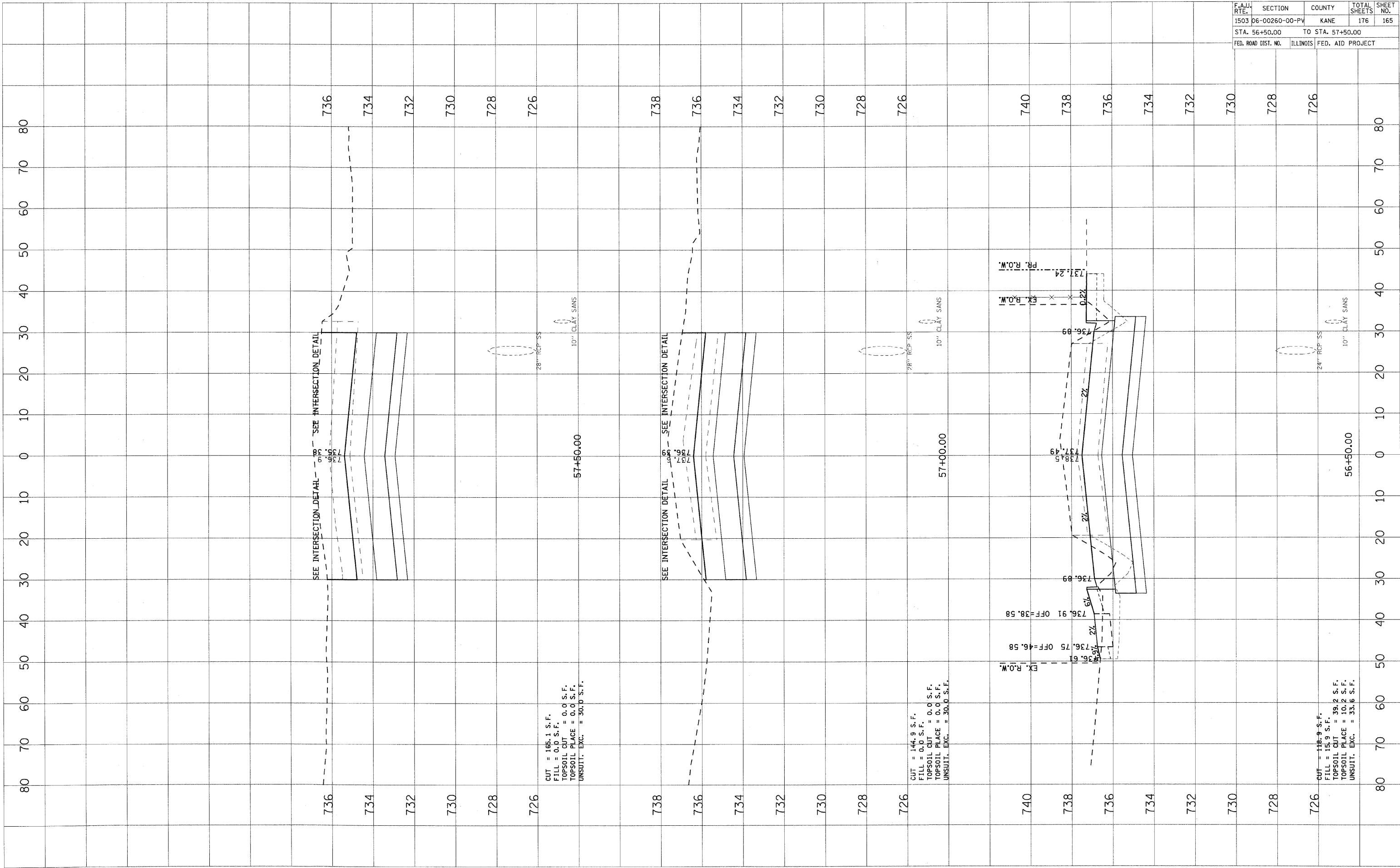
CUT = 152.3 S.F.  
 FILL = 0.0 S.F.  
 TOPSOIL CUT = 25.0 S.F.  
 TOPSOIL PLACE = 4.0 S.F.  
 UNSUIT. EXC. = 0.0 S.F.



PLOT DATE = 1/2/2009  
 FILE NAME = H:\Aurora\22895\17PH1\G:\1\SHA\WATER.dwg  
 PLOTTER = HP DesignJet 5000  
 USER NAME = JUSER

ORIGINAL SURVEYED SURVEY PLOTTED TEMPLATE AREAS CHECKED  
 NO. BY DATE

FIRM SURVEYED SURVEY PLOTTED TEMPLATE AREAS CHECKED  
 NO. BY DATE



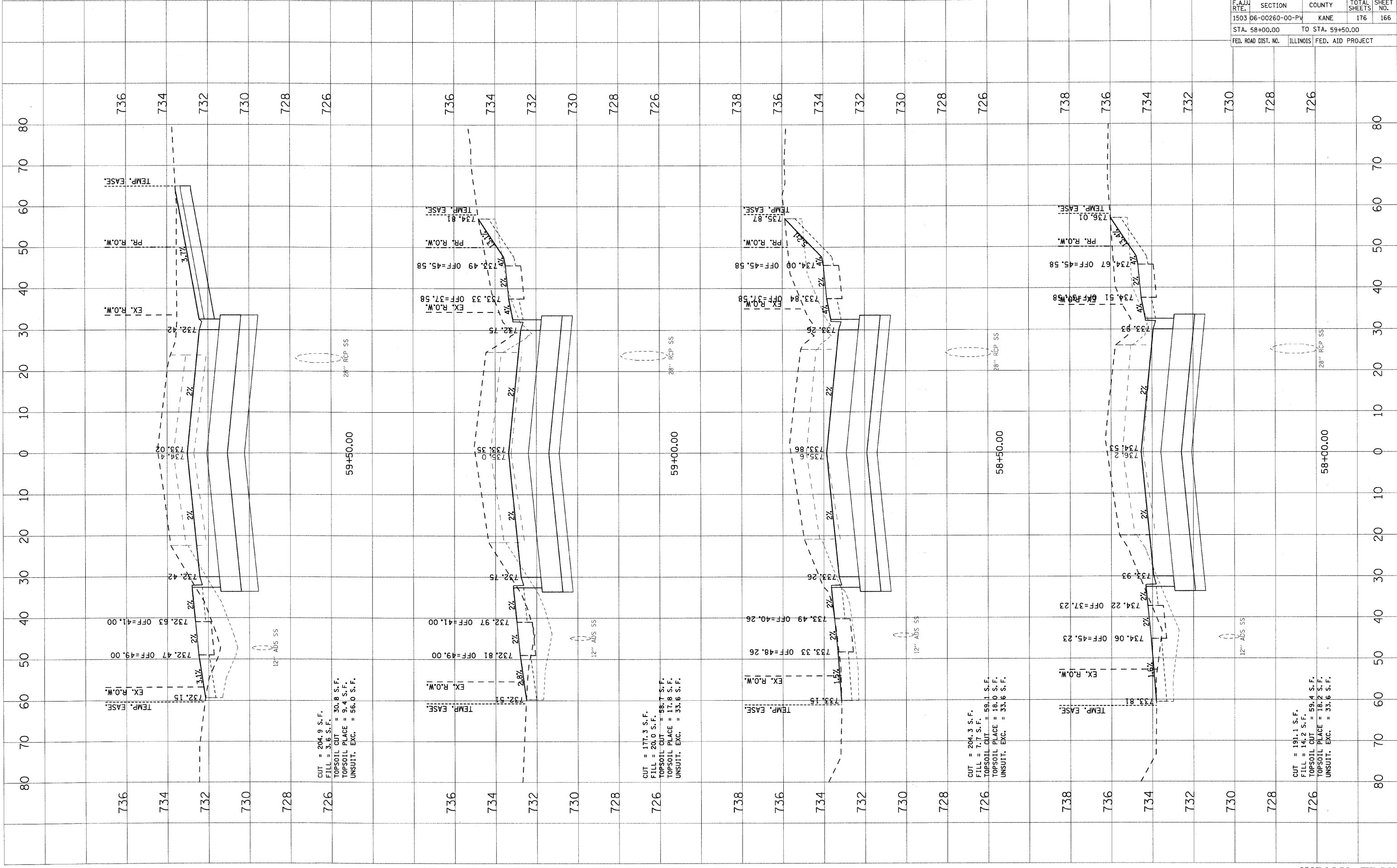
F.A.I.D. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1503	06-00260-00-PV	KANE	176	165
STA. 56+50.00		TO STA. 57+50.00		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

PLOT DATE = 1/5/2009  
 FILE NAME = H:\MicroStation\2009\11\INDIAN TRAIL\INDIAN TRAIL.dwg  
 PLOT NAME = INDIAN TRAIL.dwg  
 USER NAME = JUSER

ORIGINAL SURVEY SURVEYED PLOTTED  
 NO. DATE BY

FINAL SURVEY SURVEYED PLOTTED  
 NO. DATE BY

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1503	06-00260-00-PV	KANE	176	166
STA. 58+00.00		TO STA. 59+50.00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



CUT = 204.9 S.F.  
 FILL = 3.6 S.F.  
 TOPSOIL CUT = 30.8 S.F.  
 TOPSOIL PLAGE = 9.4 S.F.  
 UNSUIT. EXC. = 56.0 S.F.

CUT = 177.3 S.F.  
 FILL = 20.0 S.F.  
 TOPSOIL CUT = 58.7 S.F.  
 TOPSOIL PLAGE = 17.8 S.F.  
 UNSUIT. EXC. = 33.6 S.F.

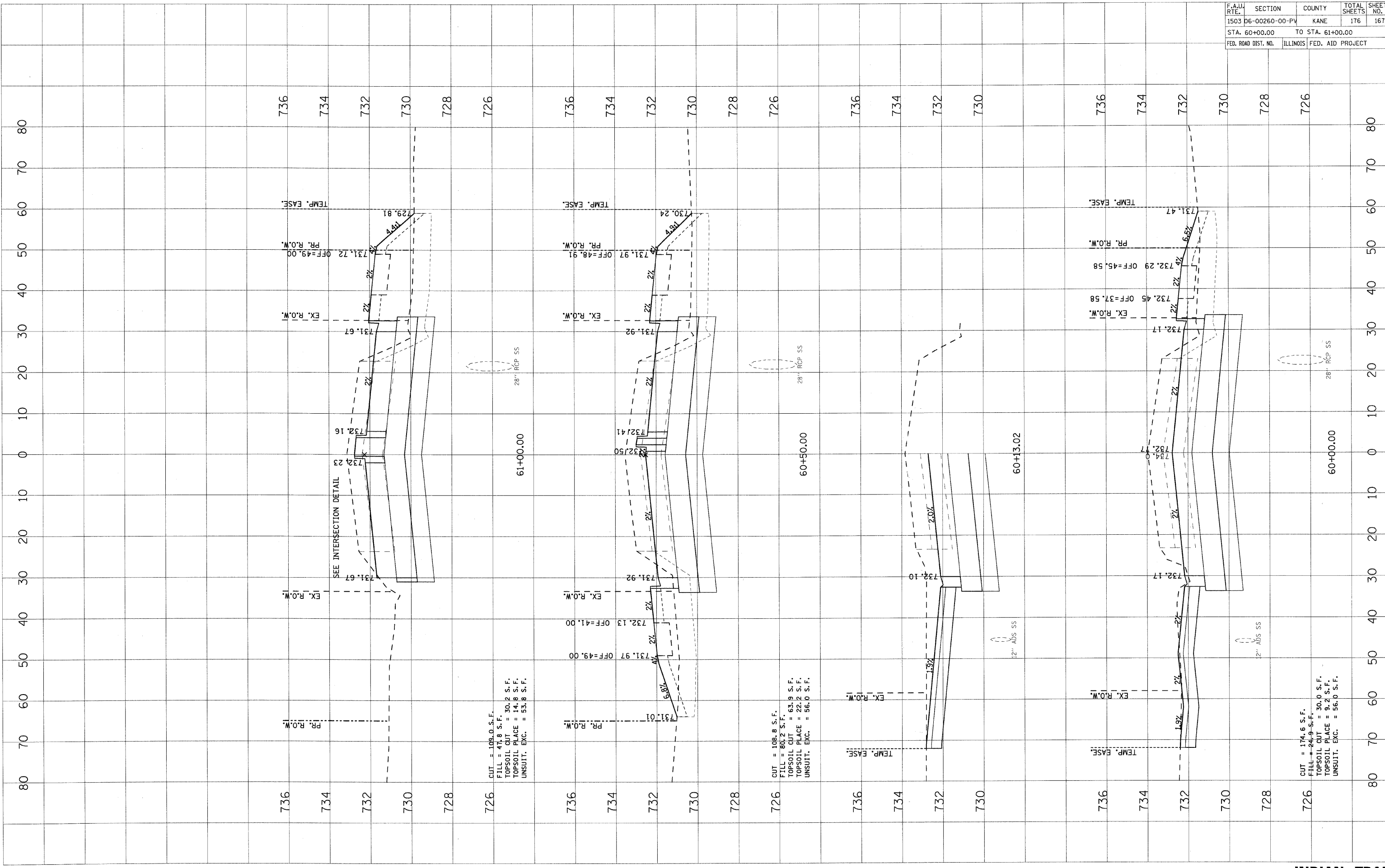
CUT = 204.3 S.F.  
 FILL = 7.7 S.F.  
 TOPSOIL CUT = 59.1 S.F.  
 TOPSOIL PLAGE = 18.0 S.F.  
 UNSUIT. EXC. = 33.6 S.F.

CUT = 191.1 S.F.  
 FILL = 14.2 S.F.  
 TOPSOIL CUT = 59.4 S.F.  
 TOPSOIL PLAGE = 18.2 S.F.  
 UNSUIT. EXC. = 33.6 S.F.

PLOT DATE = 1/5/2009  
 USER NAME = USER

ORIGINAL SURVEYED BY DATE  
 SURVEY PLOTTED BY DATE  
 NO. NO. AREAS CHECKED

FINAL SURVEYED BY DATE  
 SURVEY PLOTTED BY DATE  
 NO. NO. AREAS CHECKED



CUT = 109.0 S.F.  
 FILL = 47.8 S.F.  
 TOPSOIL CUT = 30.2 S.F.  
 TOPSOIL PLACE = 14.8 S.F.  
 UNSUIT. EXC. = 53.8 S.F.

CUT = 108.8 S.F.  
 FILL = 80.2 S.F.  
 TOPSOIL CUT = 63.9 S.F.  
 TOPSOIL PLACE = 22.2 S.F.  
 UNSUIT. EXC. = 56.0 S.F.

CUT = 174.6 S.F.  
 FILL = 244.9 S.F.  
 TOPSOIL CUT = 30.0 S.F.  
 TOPSOIL PLACE = 9.2 S.F.  
 UNSUIT. EXC. = 56.0 S.F.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1503	06-00260-00-PV	KANE	176	167
STA. 60+00.00		TO STA. 61+00.00		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

F.A.I.D. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1503	06-00260-00-PV	KANE	176	168
STA. 61+50.00		TO STA. 63+00.00		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

BY	DATE

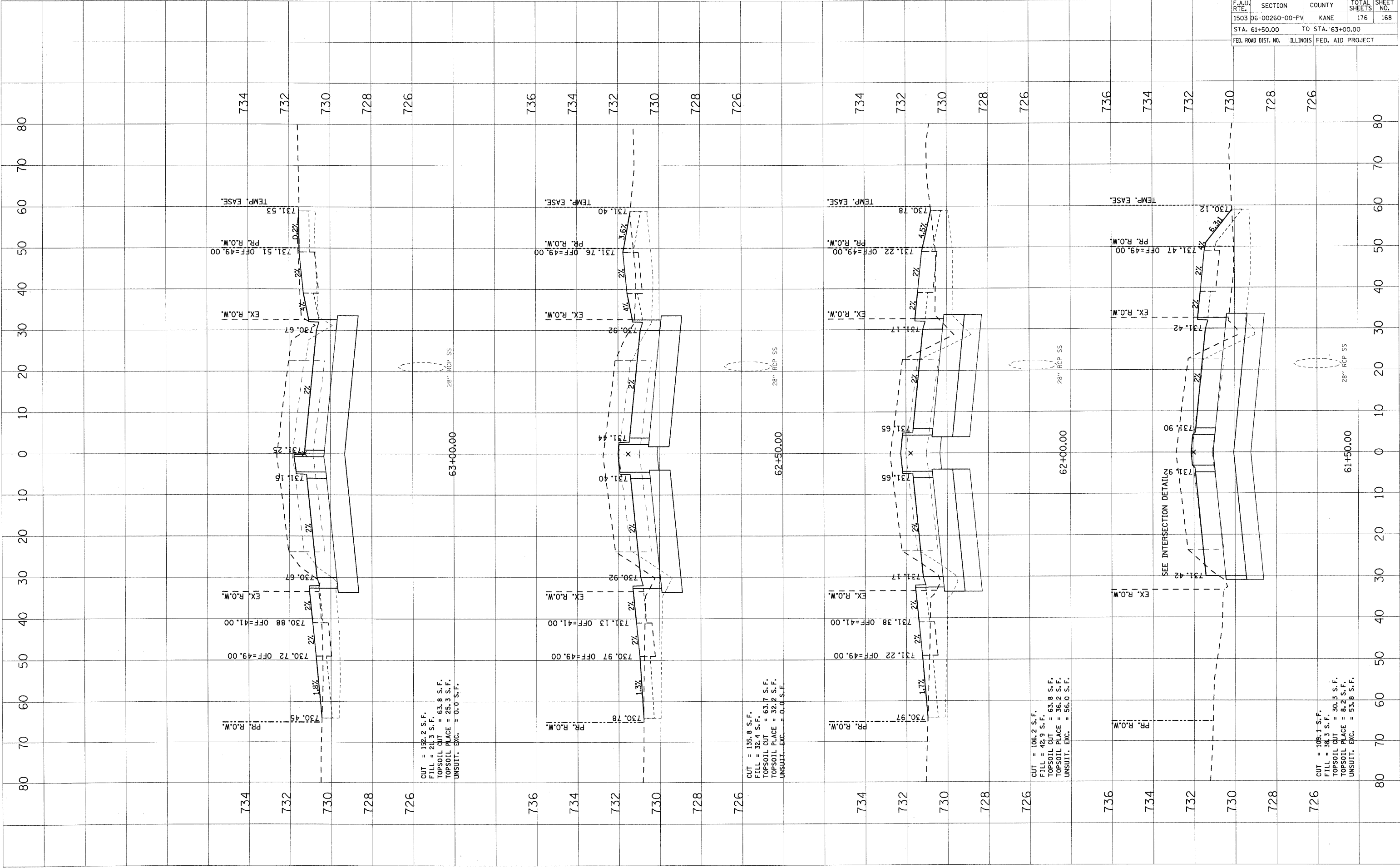
FINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
AREAS CHECKED	AREAS CHECKED

BY	DATE

ORIGINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
AREAS CHECKED	AREAS CHECKED

PLOT DATE = 1/5/2009  
 USER NAME = JUSER  
 PLOT SCALE = 1"=40'



F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1503	06-00260-00-PV	KANE	176	169
STA. 63+50.00		TO STA. 65+00.00		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

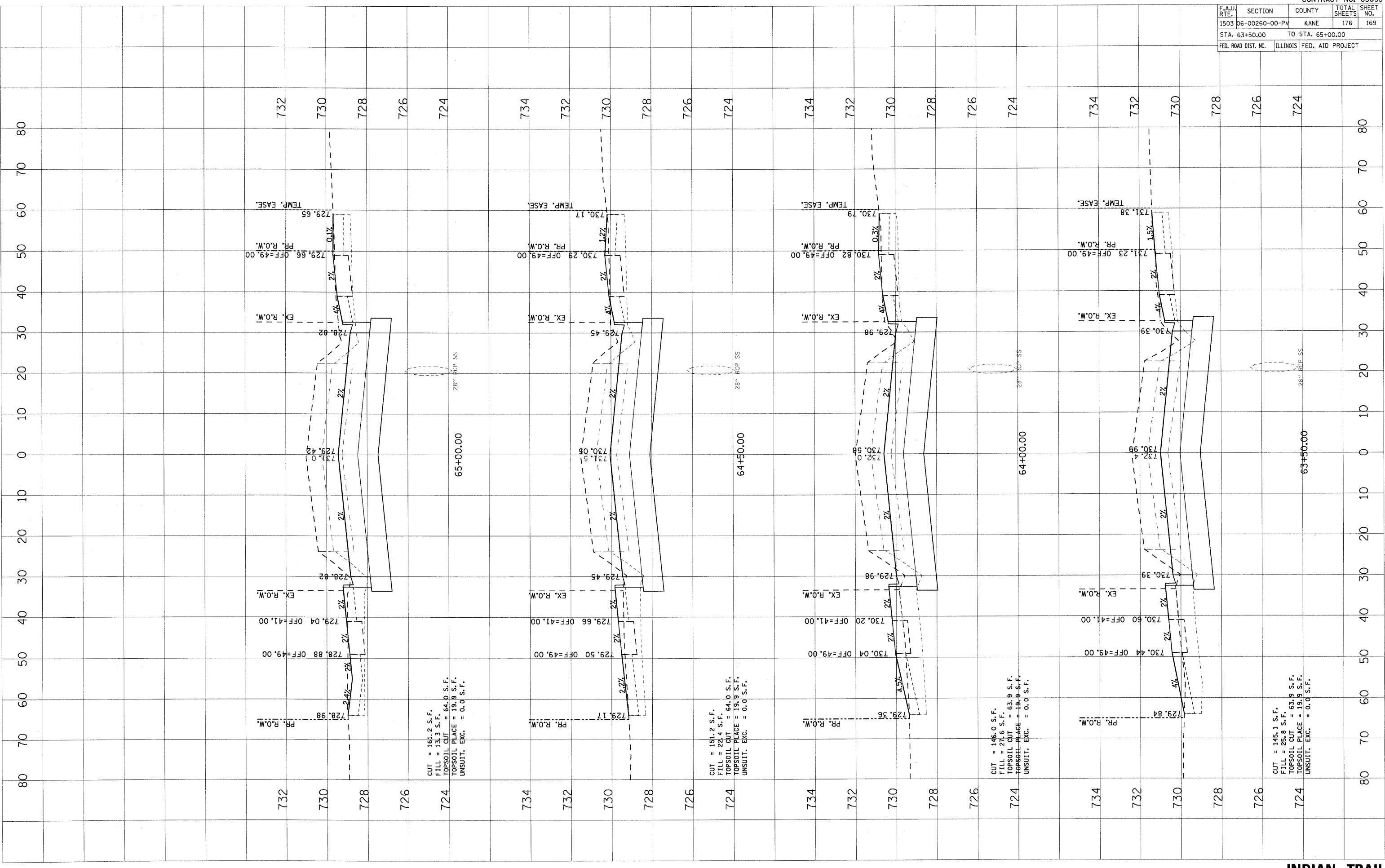
FINAL SURVEY

SURVEYED	BY	DATE
PLOTTED		
NOTED		
AREAS CHECKED		

ORIGINAL SURVEY

SURVEYED	BY	DATE
PLOTTED		
NOTED		
AREAS CHECKED		

PLOT DATE = 1/5/2009  
 PLOT NAME = H:\Survey\1220095.ITP\INDIAN TRAIL\INDIAN TRAIL.dwg  
 PLOT SCALE = 1"=40'  
 USER NAME = JUSER



CUT = 161.2 S.F.  
 FILL = 13.3 S.F.  
 TOPSOIL CUT = 64.0 S.F.  
 TOPSOIL PLACE = 19.9 S.F.  
 UNSUIT. EXC. = 0.0 S.F.

CUT = 151.2 S.F.  
 FILL = 22.4 S.F.  
 TOPSOIL CUT = 64.0 S.F.  
 TOPSOIL PLACE = 19.9 S.F.  
 UNSUIT. EXC. = 0.0 S.F.

CUT = 146.0 S.F.  
 FILL = 27.6 S.F.  
 TOPSOIL CUT = 63.9 S.F.  
 TOPSOIL PLACE = 19.9 S.F.  
 UNSUIT. EXC. = 0.0 S.F.

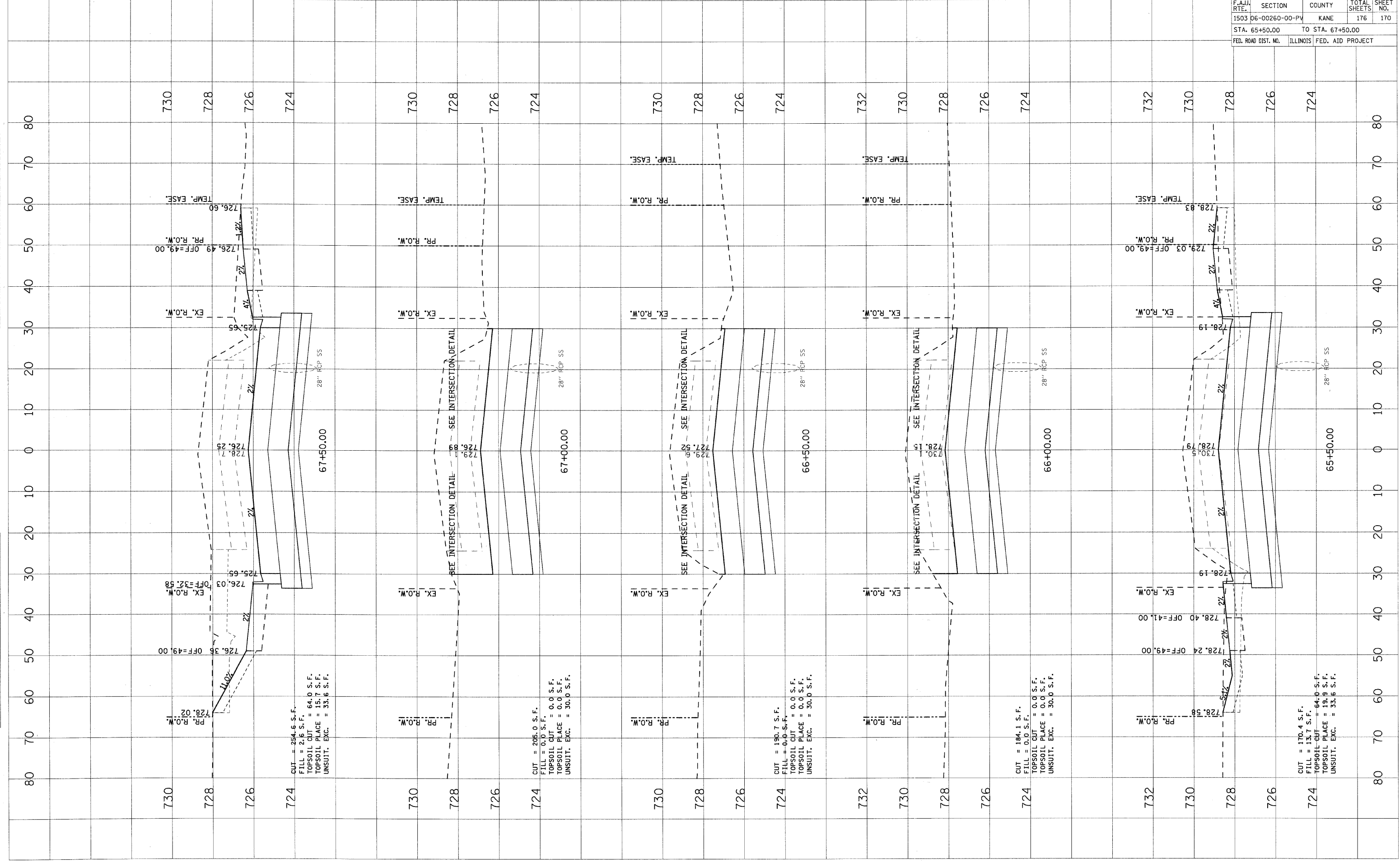
CUT = 145.1 S.F.  
 FILL = 25.8 S.F.  
 TOPSOIL CUT = 63.9 S.F.  
 TOPSOIL PLACE = 19.9 S.F.  
 UNSUIT. EXC. = 0.0 S.F.

PLOT DATE = 1/5/2009  
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 PLOT SCALE = 1"=40'  
 USER NAME = JUSER

ORIGINAL SURVEYED	DATE
SURVEY	
NOTE BOOK	
TEMPLATE	
AREAS	
CHECKED	

FINAL SURVEYED	DATE
SURVEY	
NOTE BOOK	
TEMPLATE	
AREAS	
CHECKED	

F.A.J.J. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1503	06-00260-00-PV	KANE	176	170
STA. 65+50.00	TO STA. 67+50.00			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



CUT = 254.6 S.F.  
 FILL = 2.6 S.F.  
 TOPSOIL CUT = 64.0 S.F.  
 TOPSOIL PLAGE = 15.7 S.F.  
 UNSUIT. EXC. = 33.6 S.F.

CUT = 206.0 S.F.  
 FILL = 0.0 S.F.  
 TOPSOIL CUT = 0.0 S.F.  
 TOPSOIL PLAGE = 0.0 S.F.  
 UNSUIT. EXC. = 30.0 S.F.

CUT = 190.7 S.F.  
 FILL = 0.0 S.F.  
 TOPSOIL CUT = 0.0 S.F.  
 TOPSOIL PLAGE = 0.0 S.F.  
 UNSUIT. EXC. = 30.0 S.F.

CUT = 184.1 S.F.  
 FILL = 0.0 S.F.  
 TOPSOIL CUT = 0.0 S.F.  
 TOPSOIL PLAGE = 0.0 S.F.  
 UNSUIT. EXC. = 30.0 S.F.

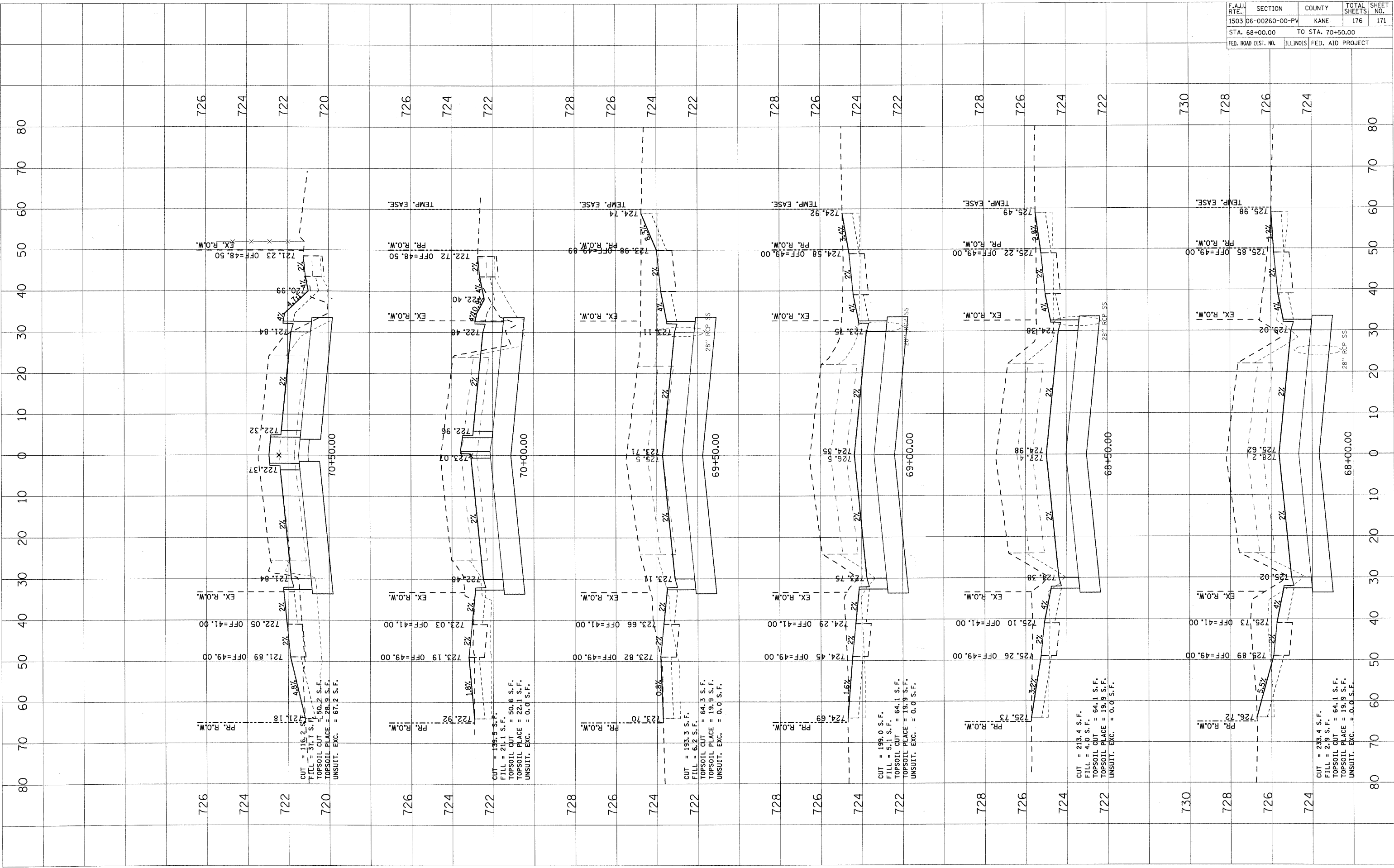
CUT = 170.4 S.F.  
 FILL = 13.7 S.F.  
 TOPSOIL CUT = 64.0 S.F.  
 TOPSOIL PLAGE = 19.9 S.F.  
 UNSUIT. EXC. = 33.6 S.F.

PLOT DATE = 1/5/2009  
 FILE NAME = I:\Projects\1220089.L\TRAIL\GVA\SH\WATER#3.DWG  
 PLOT SCALE = 1"=40'  
 USER NAME = JUSER

ORIGINAL SURVEY	SURVEYED	BY	DATE
PLOTTED			
DATE			
AREAS CHECKED			

FINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK			
AREAS CHECKED			

CONTRACT NO. 63095			
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS
1503 06-00260-00-PV	KANE	ILLINOIS	176
STA. 68+00.00	TO STA. 70+50.00		SHEET NO. 171
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT		

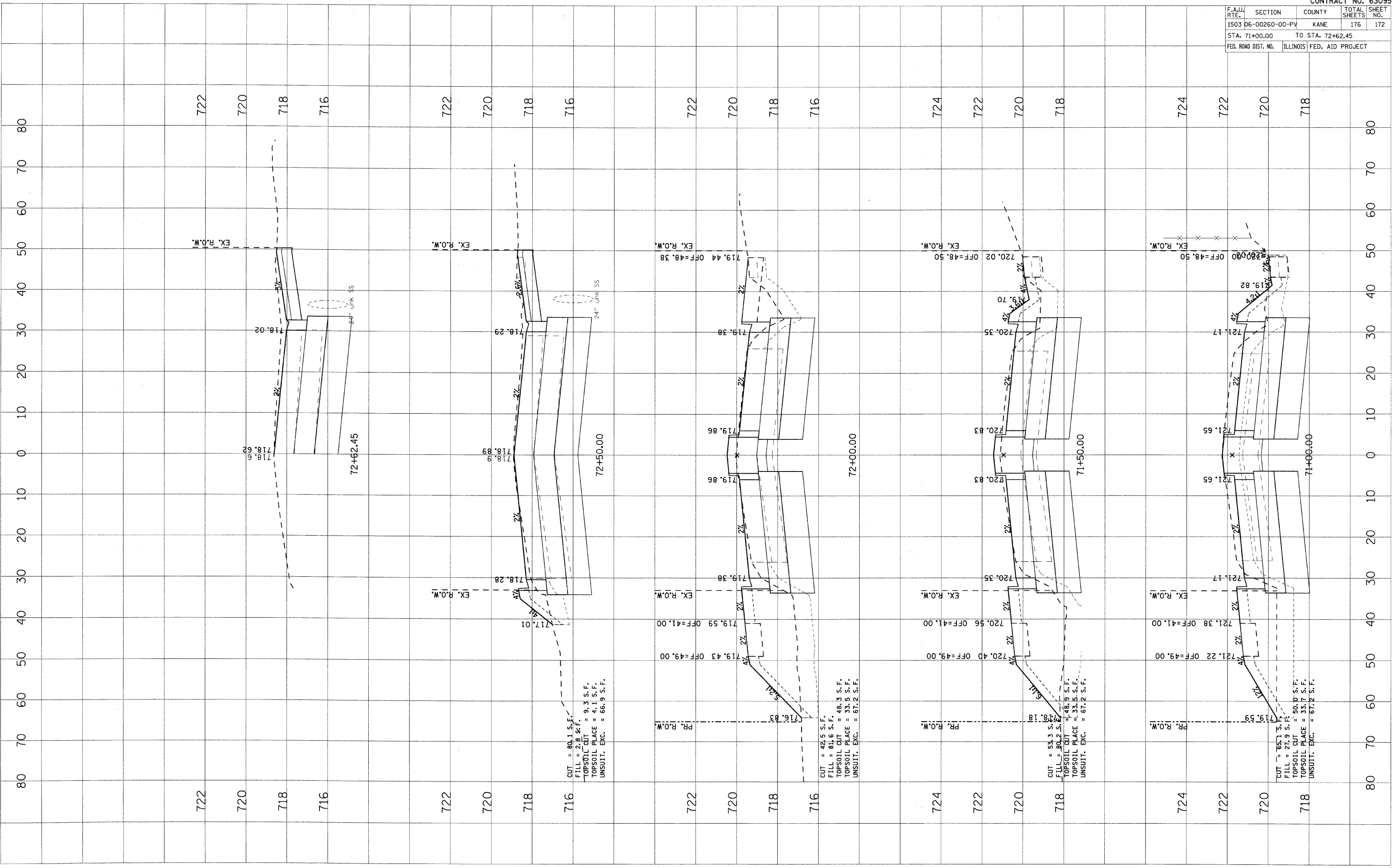


PLOT DATE = 1/5/2009  
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 PLOT SCALE = USER  
 USER NAME = USER

ORIGINAL SURVEY BY DATE  
 SURVEYED BY DATE  
 CHECKED BY DATE  
 NO. AREAS CHECKED

FINAL SURVEY BY DATE  
 SURVEYED BY DATE  
 CHECKED BY DATE  
 NO. AREAS CHECKED

CONTRACT NO. 63095	
F.A.U. RTE. 1503	SECTION 06-00260-00-PV
COUNTY KANE	TOTAL SHEETS 176
STA. 71+00.00	TO STA. 72+62.45
FED. ROAD DIST. NO. ILLINOIS	FED. AID PROJECT



CUT = 80.1 S.F.  
 FILL = 2.8 S.F.  
 TOPSOIL CUT = 9.3 S.F.  
 TOPSOIL PLAGE = 4.1 S.F.  
 UNSUIT. EXC. = 66.9 S.F.

CUT = 42.5 S.F.  
 FILL = 61.6 S.F.  
 TOPSOIL CUT = 48.3 S.F.  
 TOPSOIL PLAGE = 33.5 S.F.  
 UNSUIT. EXC. = 67.2 S.F.

CUT = 53.3 S.F.  
 FILL = 80.2 S.F.  
 TOPSOIL CUT = 48.9 S.F.  
 TOPSOIL PLAGE = 33.5 S.F.  
 UNSUIT. EXC. = 67.2 S.F.

CUT = 65.1 S.F.  
 FILL = 27.9 S.F.  
 TOPSOIL CUT = 50.0 S.F.  
 TOPSOIL PLAGE = 33.7 S.F.  
 UNSUIT. EXC. = 67.2 S.F.

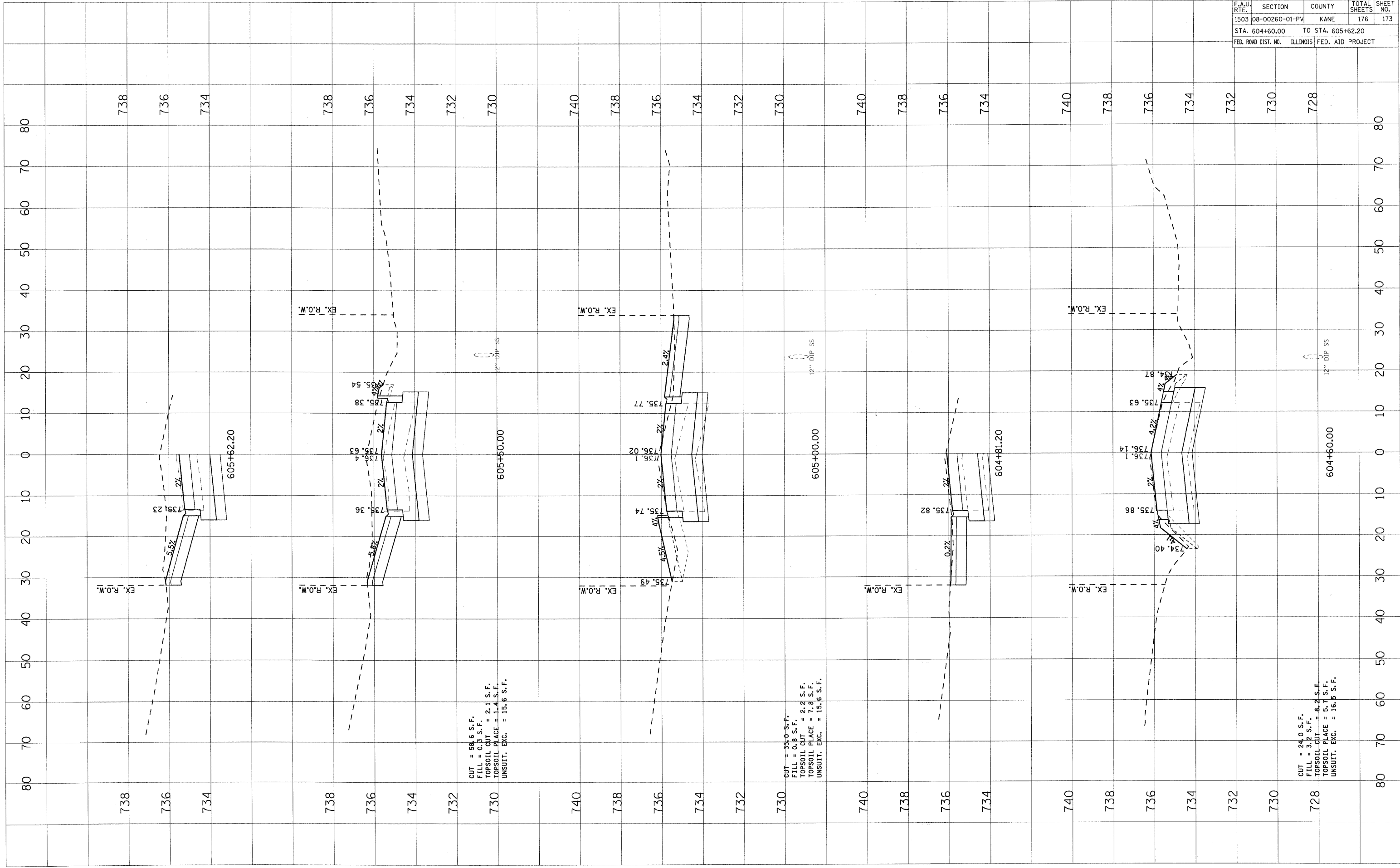


PLOT DATE = 1/5/2009  
 PLOT SCALE = 1/4"=10'-0"  
 USER NAME = JUSER

ORIGINAL SURVEY PLOTTED DATE AREAS CHECKED  
 SURVEYED PLOTTED DATE AREAS CHECKED

FINAL SURVEY PLOTTED DATE AREAS CHECKED  
 SURVEYED PLOTTED DATE AREAS CHECKED

F.A.U. RTE.		SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1503		08-00260-01-PV	KANE	176	173
STA. 604+60.00		TO STA. 605+62.20			
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT		



CUT = 88.6 S.F.  
 FILL = 0.3 S.F.  
 TOPSOIL CUT = 2.1 S.F.  
 TOPSOIL PLACE = 1.4 S.F.  
 UNSUIT. EXC. = 15.6 S.F.

CUT = 33.0 S.F.  
 FILL = 0.8 S.F.  
 TOPSOIL CUT = 2.2 S.F.  
 TOPSOIL PLACE = 7.8 S.F.  
 UNSUIT. EXC. = 15.6 S.F.

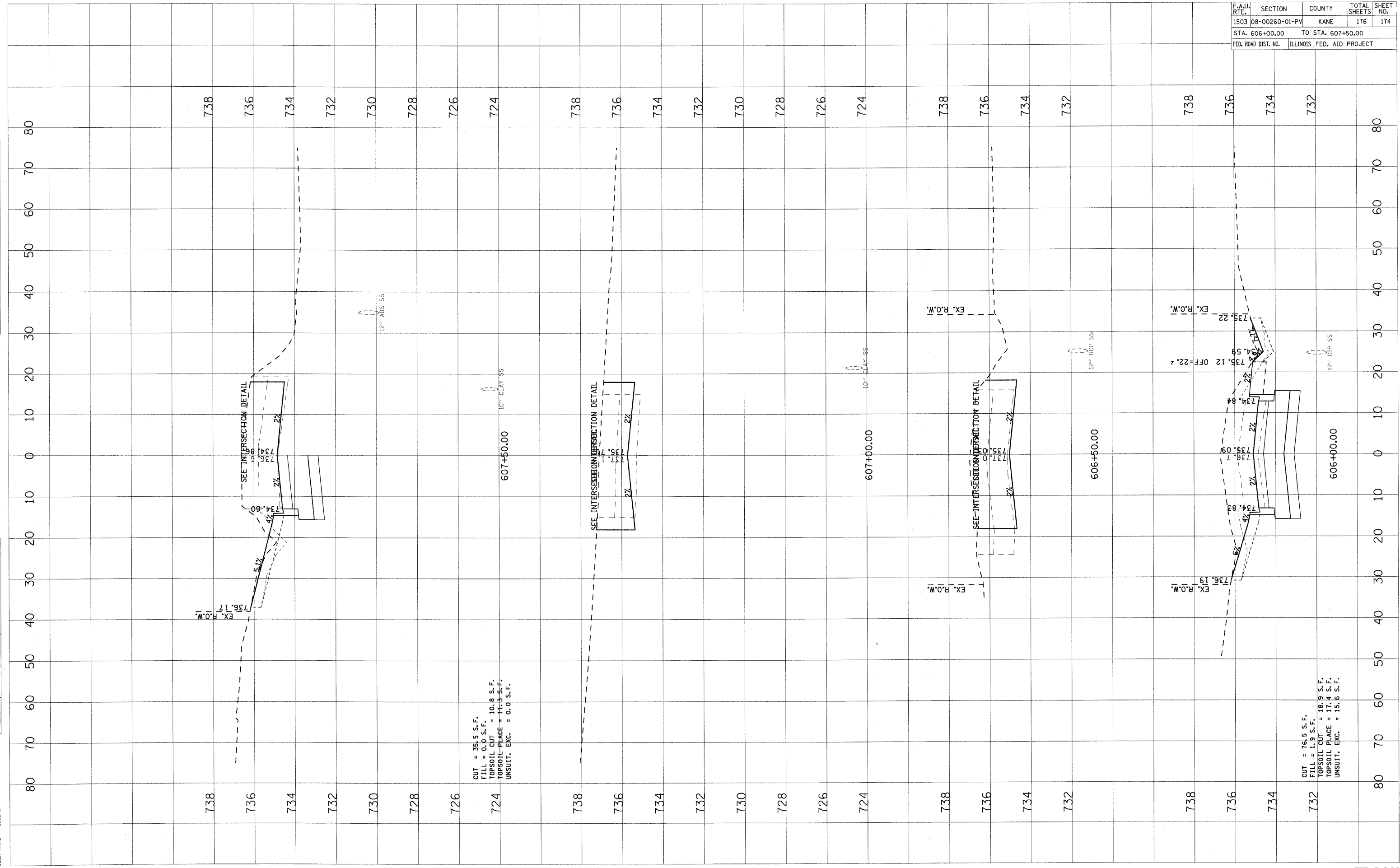
CUT = 24.0 S.F.  
 FILL = 3.2 S.F.  
 TOPSOIL CUT = 8.2 S.F.  
 TOPSOIL PLACE = 5.7 S.F.  
 UNSUIT. EXC. = 16.5 S.F.

PLOT DATE = 1/5/2009  
 FILE NAME = H:\work\120809.1\TRAIL\120809.1.dwg  
 PLOT SCALE = 1"=40'  
 USER NAME = JUSER

ORIGINAL SURVEY PLOTTED  
 SURVEY PLOTTED  
 BY: \_\_\_\_\_ DATE: \_\_\_\_\_  
 NO. \_\_\_\_\_

FINAL SURVEY PLOTTED  
 SURVEY PLOTTED  
 BY: \_\_\_\_\_ DATE: \_\_\_\_\_  
 NO. \_\_\_\_\_

F.A.U. RTE.		SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1503		08-00260-01-PV	KANE	176	174
STA. 606+00.00		TO STA. 607+50.00			
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT		



CUT = 35.5 S.F.  
 FILL = 0.0 S.F.  
 TOPSOIL CUT = 10.8 S.F.  
 TOPSOIL PLAGE = 11.3 S.F.  
 UNSUIT. EXC. = 0.0 S.F.

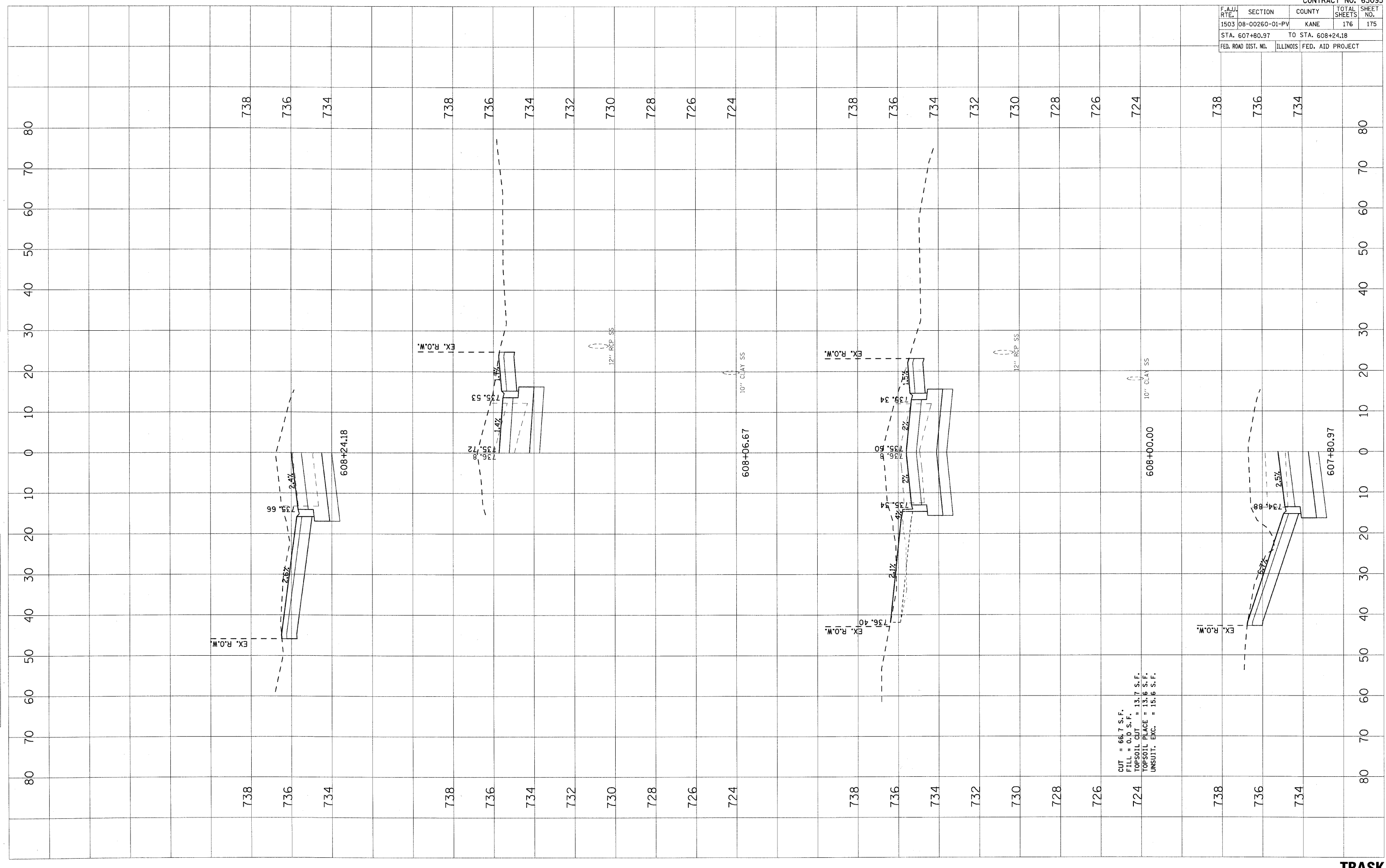
CUT = 76.5 S.F.  
 FILL = 1.9 S.F.  
 TOPSOIL CUT = 18.9 S.F.  
 TOPSOIL PLAGE = 17.4 S.F.  
 UNSUIT. EXC. = 15.6 S.F.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1503	08-00260-01-PV	KANE	176	175
STA. 607+80.97		TO STA. 608+24.18		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

FINAL SURVEY	DATE
NOTE BOOK	
NO.	

ORIGINAL SURVEY	DATE
NO.	

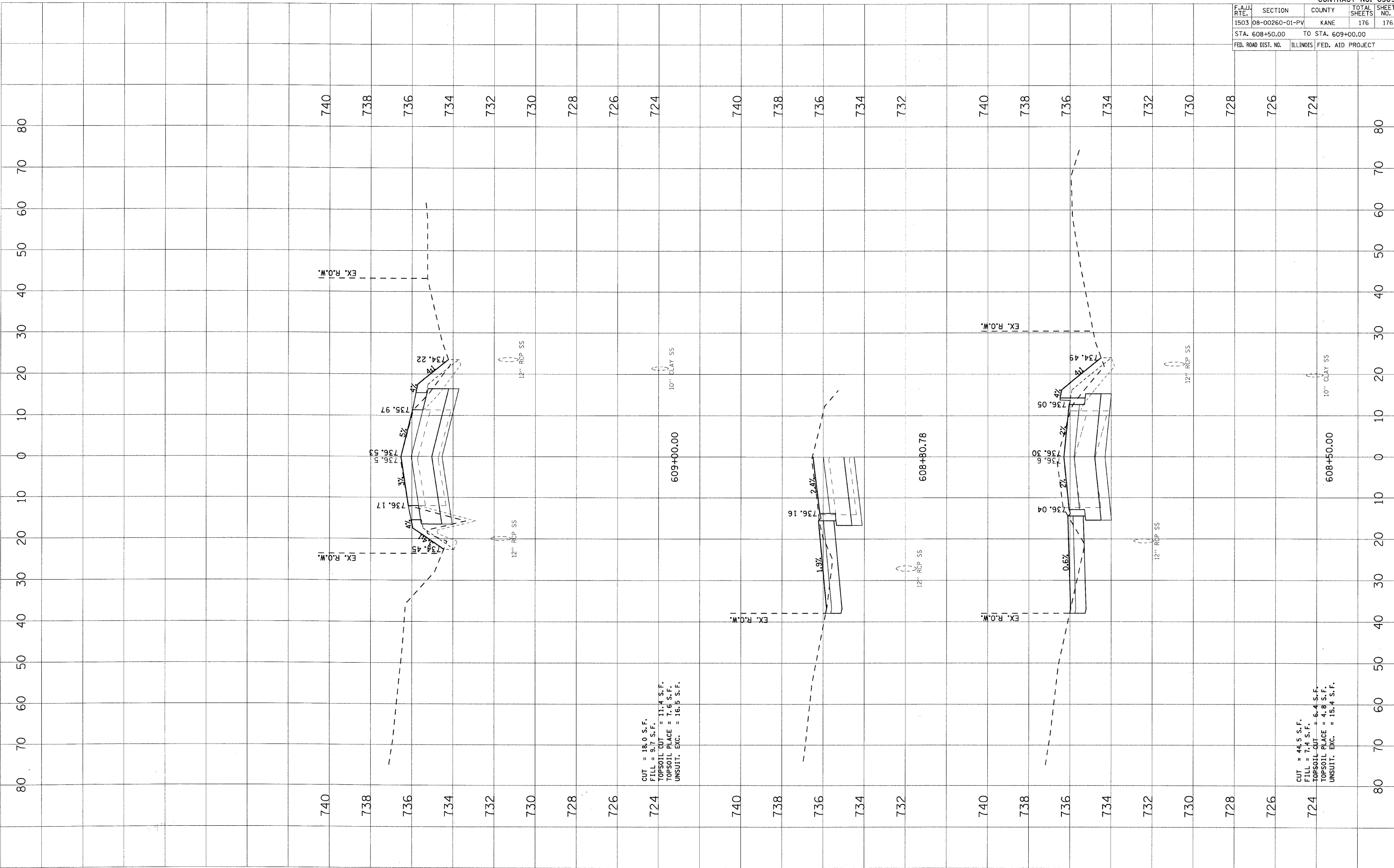
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 USER NAME = USER



PLOT DATE = 1/2/2009  
 FILE NAME = H:\Aurora\20059\_1\TPM1\Civil\SHA\XG-TR-65X  
 PLOT SCALE = 1"=40'  
 USER NAME = JUBERL

ORIGINAL SURVEY NO. \_\_\_\_\_  
 SURVEY DATE \_\_\_\_\_  
 NOTE BOOK NO. \_\_\_\_\_  
 TEMPLATE AREAS CHECKED \_\_\_\_\_

FINAL SURVEY NO. \_\_\_\_\_  
 SURVEY DATE \_\_\_\_\_  
 NOTE BOOK NO. \_\_\_\_\_  
 TEMPLATE AREAS CHECKED \_\_\_\_\_



CUT = 18.0 S.F.  
 FILL = 3.7 S.F.  
 TOPSOIL CUT = 11.4 S.F.  
 TOPSOIL PLACE = 7.6 S.F.  
 UNSUIT. EXC. = 16.5 S.F.

CUT = 44.5 S.F.  
 FILL = 7.4 S.F.  
 TOPSOIL CUT = 6.4 S.F.  
 TOPSOIL PLACE = 4.8 S.F.  
 UNSUIT. EXC. = 15.4 S.F.

F.A.I.D. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1503	08-00260-01-PV	KANE	176	176
STA. 608+50.00		TO STA. 609+00.00		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		