

INDEX OF SHEETS

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HIGHWAY STANDARDS

00001-05	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
001001-01	AREAS OF REINFORCEMENT REBARS
001006	DECIMAL OF AN INCH AND OF A FOOT
515001-02	NAME PLATE FOR BRIDGES
630001-07	STEEL PLATE BEAM GUARDRAIL
630101-07	GUARDRAIL MOUNTED ON EXISTING CULVERTS
630201-05	PCC/BITUMINOUS STABILIZATION AT STEEL PLATE BEAM GUARDRAIL
630301-04	SHOULDER WIDENING FOR TYPE 1 (SPECIAL) GUARDRAIL TERMINALS
635006-02	REFLECTOR AND TERMINAL MARKER PLACEMENT
635011-01	REFLECTOR MARKER AND MOUNTING DETAILS
701006-02	OFF-RD. OPERATIONS 2L, 2W 4.5 m (15') TO PAVEMENT EDGE FOR SPEEDS ≥ 45 MPH
701201-02	LANE CLOSURE, 2L, 2W DAY ONLY ON-RD. TO 600 MM (24") FOR SPEEDS ≥ 45 MPH
701301-02	LANE CLOSURE 2L, 2W SHORT TERM OPERATIONS
701306-01	LANE CLOSURE 2L, 2W SLOW MOVING OPERATIONS - DAY ONLY FOR SPEEDS ≥ 45 MPH
701311-02	LANE CLOSURE 2L, 2W MOVING OPERATIONS - DAY ONLY
701321-09	LANE CLOSURE 2L, 2W BRIDGE REPAIR WITH BARRIER
701326-02	LANE CLOSURE 2L, 2W PAVEMENT WIDENING FOR SPEEDS ≥ 45 MPH
701901	TRAFFIC CONTROL DEVICES
704001-04	TEMPORARY CONCRETE BARRIER
780001-01	TYPICAL PAVEMENT MARKINGS

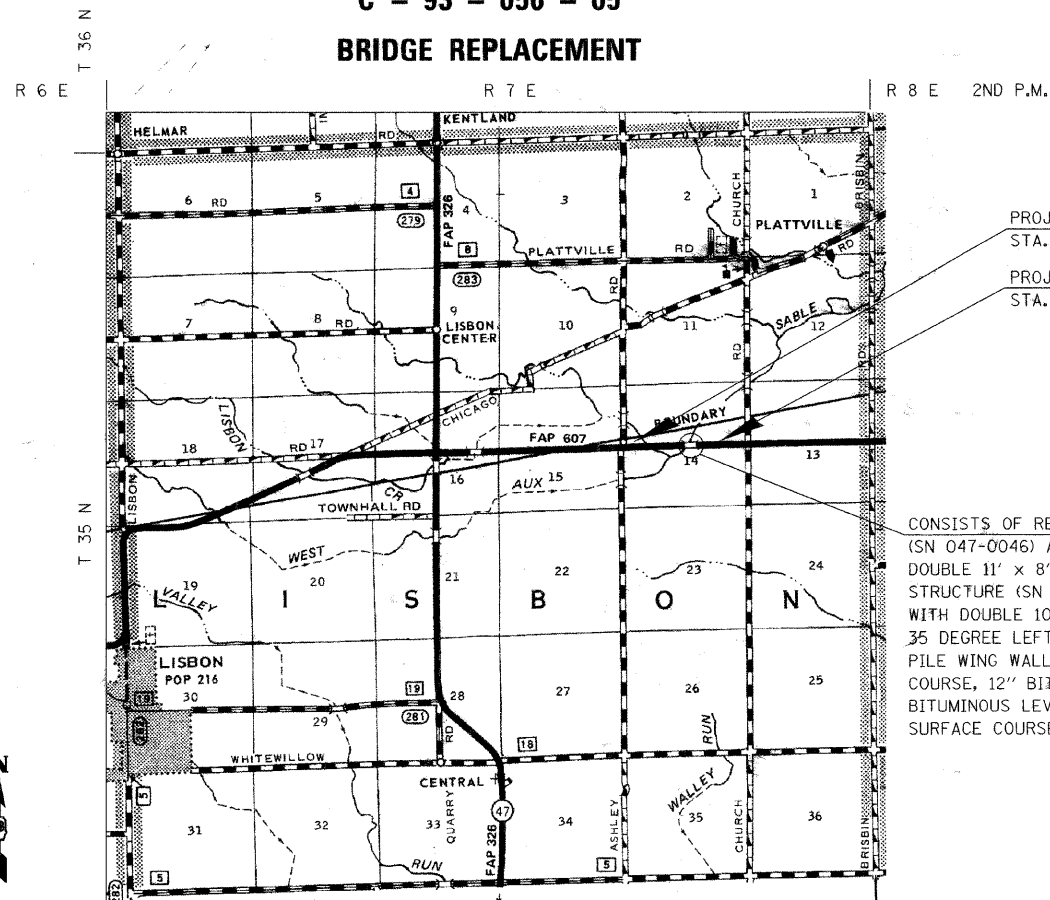
MICROFILMED _____
 REEL NUMBER _____
 AWARDED _____
 RESIDENT ENGINEER _____
 AS BUILT CHANGES WERE MADE
 ON THE FOLLOWING SHEETS _____

JULIE 1-800-892-0123

PROJECT ENGINEER: JOE KANNEL
UNIT CHIEF: PAT BRABOY
TOWNSHIP: LISBON

CONTRACT NO. 66667

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
PLANS FOR PROPOSED
FEDERAL AID HIGHWAY
FAP ROUTE 607 (US 52)
SECTION 129 BR
PROJECT ACF-0607(077)
KENDALL COUNTY
C - 93 - 056 - 05
BRIDGE REPLACEMENT



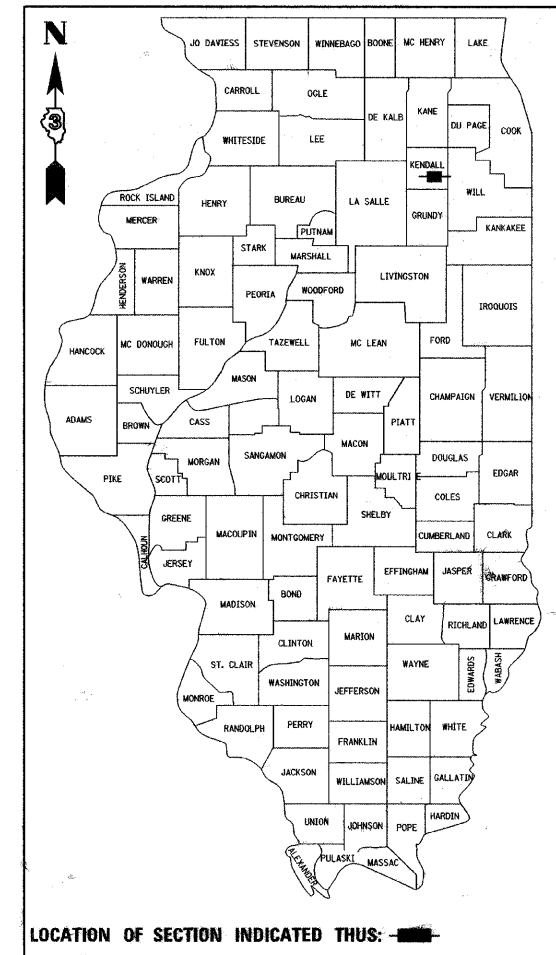
LOCATION MAP
 NOT TO SCALE

GROSS LENGTH = 653.00 FT. = 0.124 MI.
 NET LENGTH = 653.00 FT. = 0.124 MI.

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OF THE STATE OF ILLINOIS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
607	129 BR	KENDALL	61	1

P-93-029-04
D-93-037-05



LOCATION OF SECTION INDICATED THUS: [Symbol]

FUNCTION CLASSIFICATION
RURAL MINOR ARTERIAL

2008 ADT = 3400

P.C. = 75.9% S.U. = 13.8% M.U. = 10.3%

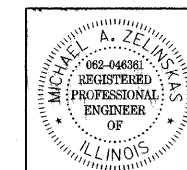
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION
 DIVISION OF HIGHWAYS

SUBMITTED 20 _____

George Pagan
 DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER

October 3, 20 08
Eric E. Harwood
 ENGINEER OF DESIGN AND ENVIRONMENT

October 3, 20 08
Christine M. Reed
 DIRECTOR OF HIGHWAYS, CHIEF ENGINEER



I hereby certify that this engineering document was prepared by me or under my direct personal supervision and that I am a duly Registered Professional Engineer under the laws of the State of Illinois.

Michael A. Zelinskas

Date: *11/01/2007*
 My registration expires November 30, 2007

Pages or sheets covered by this seal: *1-13; 37-61*

10/17/2007
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 REFERENCE: \$REF\$
 OPERATOR: _USER_

GENERAL NOTES

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
607	129 BR	KENDALL	61	2
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

THE THICKNESS OF BITUMINOUS MIXTURES SHOWN ON THE PLANS IS THE NOMINAL THICKNESS. DEVIATIONS FROM THE NOMINAL THICKNESS WILL BE PERMITTED WHEN SUCH DEVIATIONS OCCUR DUE TO IRREGULARITIES IN THE EXISTING SURFACE OR BASE ON WHICH THE BITUMINOUS MIXTURE IS PLACED.

EXCEPT AS NOTED ON THE PLANS, PAVEMENT GRADES SHOWN ARE AT THE TOP OF PAVEMENT SURFACES.

THE ENGINEER WILL BE THE SOLE JUDGE CONCERNING CURING TIME FOR THE VARIOUS BITUMINOUS LIFTS.

FOR STABILIZATION, ALL TYPE III BARRICADES SHALL REQUIRE A MINIMUM OF FOUR SAND BAGS PER BARRICADE.

WHERE SECTION OR SUBSECTION MONUMENTS ARE ENCOUNTERED, THE ENGINEER SHALL BE NOTIFIED BEFORE SUCH MONUMENTS ARE REMOVED. THE CONTRACTOR SHALL PROTECT AND CAREFULLY PRESERVE ALL MONUMENTS UNTIL AN AUTHORIZED SURVEYOR OR AGENT HAS WITNESSED OR OTHERWISE REFERENCED THEIR LOCATION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR HAVING AN AUTHORIZED SURVEYOR REESTABLISH ANY SECTION OR SUBSECTION MONUMENTS DESTROYED BY HIS OPERATIONS.

ONLY THOSE TREES DESIGNATED BY THE ENGINEER OR LISTED IN THE TREE REMOVAL SCHEDULE SHALL BE REMOVED. THE CONTRACTOR SHALL PROTECT ALL REMAINING TREES FROM DAMAGE DUE TO HIS OPERATIONS.

ALL ELEVATIONS REFERRING TO U.S.G.S. MEAN SEA LEVEL DATUM.

ABANDONED UNDERGROUND UTILITIES THAT CONFLICT WITH CONSTRUCTION SHALL BE DISPOSED OF OUTSIDE THE LIMITS OF THE RIGHT OF WAY ACCORDING TO ARTICLE 202.03 OF THE STANDARD SPECIFICATIONS AND AS DIRECTED BY THE ENGINEER. THIS WORK WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE COST OF EARTH EXCAVATION.

ANY REFERENCE TO A STANDARD IN THESE PLANS SHALL BE INTERPRETED TO MEAN THE EDITION AS INDICATED BY THE SUBNUMBER LISTED ON THE INDEX OF SHEETS OR THE COPY OF THE STANDARD INCLUDED IN THESE PLANS.

THE WORK TO REMOVE AND REPLACE SN 047-0046 WILL BEGIN AFTER JUNE 1ST AND WILL BE COMPLETED BEFORE THE FOLLOWING SEPTEMBER 1ST.

THE RESIDENT ENGINEER WILL COORDINATE WITH THE FARMER TO DETERMINE WHEN THE CROPS HAVE BEEN PLANTED AND THE FARMER DOES NOT REQUIRE ACCESS TO THE FIELD.

ONLY THOSE TREES DESIGNATED BY THE ENGINEER OR LISTED IN THE TREE REMOVAL SCHEDULE SHALL BE REMOVED. THE CONTRACTOR SHALL PROTECT ALL REMAINING TREES FROM DAMAGE DUE TO HIS OPERATIONS.

The following application rates have been used in calculating plan quantities:

Bituminous Materials (Prime Coat)	0.08 Gal/Sq Yd
Aggregate (Prime Coat)	0.002 Ton/Sq Yd
Hot Mix Asphalt Surface Course	112 Lbs/Sq Yd/Inch
Leveling Binder	112 Lbs/Sq Yd/Inch
Aggregate Shoulders, Type B	2.1 Ton/Cu Yd
Temporary Ditch Checks	7 bale or 5 tons aggregate

The Contractor shall be responsible for protecting utility property during construction operations as outlined in Article 107.31 of the Standard Specifications. A minimum of 48 advance notice is required for non-emergency work. The JULIE number is 800-892-0123. The following listed utilities located within the project limits or immediately adjacent to the project construction limits are members of JULIE:

SBC	BOB BROHOLM	815-774-6763
COM ED	TOM STUTZMAN	630-437-2236
NICOR GAS	ADRIAN LIMON	630-629-2500 EXT. 358

COMMITMENTS

- 1.) ENVIRONMENT COORDINATION
- 2.) COMMITMENT TO PLACE SILT FILTER FENCE AND HIGH VISIBILITY FENCE ON SOUTH SIDE OF US 52 TO PROTECT WETLANDS PRIOR TO ANY WORK COMMENCING.
- 3.) STRUCTURAL STATUS AND VERTICAL CLEARANCE FORM.
- 4.) COMMITMENT TO HAVE BRIDGE FOR ENTRANCE OPEN DURING PLANTING SEASON.

The following Mixture Requirements are applicable for this project:

	HMA Level Binder	HMA Surface	HMA Base Course & Base Course Widening	HMA Shoulder Stabilization
PG Grade	PG64-22	PG64-22	PG64-22	PG58-22
Max % RAP Allowable**	15%	10%	15%	50%
Design Air Voids	4.0% @ N70	4.0% @ N70	4.0% @ N70	3.0% @ N50
Mixture Composition	IL 9.5	IL 12.5 or IL 9.5	IL 19.0	IL 19.0
Friction Aggregate		Mixture D		
Density Test Method	Satisfaction of the Engineer	Cores / Nuclear	*	Satisfaction of the Engineer

* Material shall be compacted to 93.0-97.4 percent of maximum theoretical density, except that when placed as first lift on an unimproved subgrade the minimum percent compaction shall be 92.0 percent. The maximum theoretical density shall be determined from the moving average as specified in the QC/QA Specification.

** If RAP option is selected, the asphalt cement grade may need to be adjusted. This will be determined by the Engineer.

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DISTRICT THREE

REVIEWED BY: [Signature]
DISTRICT STUDIES & PLANS ENGINEER

DATE: 8-6-08

EXAMINED BY: [Signature]
DISTRICT CONSTRUCTION ENGINEER

[Signature]
DISTRICT MATERIALS ENGINEER

[Signature]
DISTRICT OPERATIONS ENGINEER

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION
NAME	DATE	
		GENERAL NOTES SCALE: VERT. NOT TO SCALE HORIZ. NOT TO SCALE DATE: 10/17/2007 DRAWN BY C. SUNTKEN CHECKED BY M. ZELINSKAS

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 USER NAME = USER

SUMMARY OF QUANTITIES

F.A.P. SECTION COUNTY TOTAL SHEET		CONTRACT NO. 66667	
607	129 BR	KENDALL	61 3
STA. TO STA.			
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT

PAY CODE NUMBER	PAY ITEM	UNIT	TOTAL 80% FED 20% STATE	ROADWAY 1000	BRIDGE	BRIDGE
					EXIST. SN 047-0016 PROP. SN 047-2019 X078-2A	EXIST. SN 047-0046 PROP. SN 047-2020 X988-2A
20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	203	203		
20100210	TREE REMOVAL (OVER 15 UNITS DIAMETER)	UNIT	211	211		
20101000	TEMPORARY FENCE	FOOT	400	400		
20200100	EARTH EXCAVATION	CU YD	575	575		
20400800	FURNISHED EXCAVATION	CU YD	15	15		
21101615	TOPSOIL FURNISH AND PLACE, 4"	SQ YD	1811	1811		
21400100	GRADING AND SHAPING DITCHES	FOOT	637	637		
25000300	SEEDING, CLASS 3	ACRE	0.5	0.5		
25000400	NITROGEN FERTILIZER NUTRIENT	POUND	34	34		
25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	34	34		
25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	34	34		
25100115	MULCH, METHOD 2	ACRE	0.5	0.5		
28000300	TEMPORARY DITCH CHECKS	EACH	5	5		
28000400	PERIMETER EROSION BARRIER	FOOT	400	400		
28100109	STONE RIPRAP, CLASS A5	SQ YD	1081	1081		
28200200	FILTER FABRIC	SQ YD	1081	1081		
35101100	AGGREGATE BASE COURSE, TYPE A 12"	SQ YD	249	249		
35600716	HOT-MIX ASPHALT BASE COURSE WIDENING, 10"	SQ YD	1083	1083		
40200100	AGGREGATE SURFACE COURSE, TYPE A	TON	40	40		
40600100	BITUMINOUS MATERIALS (PRIME COAT)	GALLON	244	244		
40600300	AGGREGATE (PRIME COAT)	TON	6	6		
40600635	LEVELING BINDER (MACHINE METHOD), N70	TON	62.5	62.5		
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	320	320		
40603340	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70	TON	232	232		

PAY CODE NUMBER	PAY ITEM	UNIT	TOTAL 80% FED 20% STATE	ROADWAY 1000	BRIDGE	BRIDGE
					EXIST. SN 047-0016 PROP. SN 047-2019 X078-2A	EXIST. SN 047-0046 PROP. SN 047-2020 X988-2A
44000100	PAVEMENT REMOVAL	SQ YD	297	297		
48203046	HOT-MIX ASPHALT SHOULDERS, 12 1/4"	SQ YD	146	146		
50100100	REMOVAL OF EXISTING STRUCTURES	EACH	2		1	1
50105220	PIPE CULVERT REMOVAL	FOOT	70	70		
50300225	CONCRETE STRUCTURES	CU YD	26.2		26.2	
50500505	STUD SHEAR CONNECTORS	EACH	273		273	
* 50700209	UNTREATED TIMBER LAGGING	SQ FT	470		470	
51202210	FURNISHING SOLDIER PILES (HP SECTION)	FOOT	465		465	
50800205	REINFORCEMENT BARS, EPOXY COATED	POUND	13400		13400	
51500100	NAME PLATES	EACH	2		1	1
54001000	BOX CULVERT END SECTIONS	EACH	4			4
54011008	PRECAST CONCRETE BOX CULVERT 10' X 8'	FOOT	90		90	
54003000	CONCRETE BOX CULVERTS	CU YD	64.8		64.8	
54021210	PRECAST CONCRETE BOX CULVERT 12' X 10' (M273)	FOOT	80			80
59100100	GEOCOMPOSITE WALL DRAIN	SQ YD	52		52	
* 63000000	STEEL PLATE BEAM GUARD RAIL, TYPE A	FOOT	839	839		
* 63000025	STEEL PLATE BEAM GUARD RAIL, ATTACHED TO STRUCTURES	FOOT	124		68	56
* 63100045	TRAFFIC BARRIER TERMINAL, TYPE 2	EACH	2	2		
* 63100167	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	EACH	4	4		
63200310	GUARDRAIL REMOVAL	FOOT	692	692		
66600105	FURNISHING AND ERECTING RIGHT-OF-WAY MARKERS	EACH	10	10		
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	3	3		
67100100	MOBILIZATION	L SUM	1	1		
70100405	TRAFFIC CONTROL AND PROTECTION, STANDARD 701321	EACH	1	1		
70100450	TRAFFIC CONTROL AND PROTECTION STANDARD 701201	L SUM	1	1		

* SPECIALTY ITEM

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SUMMARY OF QUANTITIES

CONTRACT NO. 66667				
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
607	129 BR	KENDALL	61	4
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

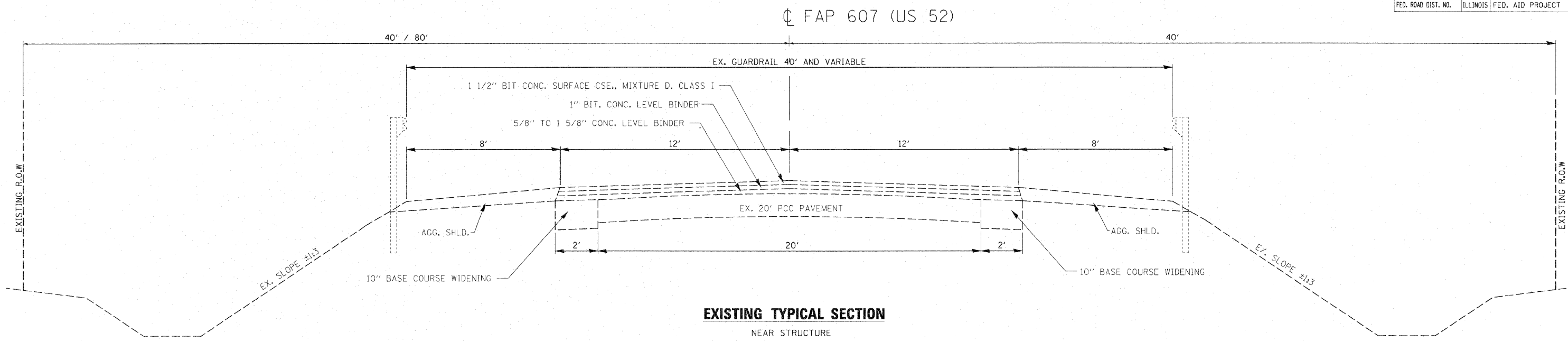
PAY CODE NUMBER	PAY ITEM	UNIT	TOTAL 80% FED 20% STATE	ROADWAY 1000	BRIDGE	BRIDGE
					EXIST. SN 047-0016 PROP. SN 047-2019 X078-2A	EXIST. SN 047-0046 PROP. SN 047-2020 X988-2A
70100460	TRAFFIC CONTROL AND PROTECTION STANDARD 701306	Σ SUM	1	1		
70100500	TRAFFIC CONTROL AND PROTECTION, STANDARD 701326	Σ SUM	1	1		
70103815	TRAFFIC CONTROL SURVEILLANCE	CAL DA	45	45		
70106500	TEMPORARY BRIDGE TRAFFIC SIGNALS	EACH	1	1		
70106700	TEMPORARY RUMBLE STRIP	EACH	6	6		
70300220	TEMPORARY PAVEMENT MARKING - LINE 4"	FOOT	3034	3034		
70300280	TEMPORARY PAVEMENT MARKING - LINE 24"	FOOT	24	24		
70301000	WORK ZONE PAVEMENT MARKING REMOVAL	SQ FT	1058	1058		
70400100	TEMPORARY CONCRETE BARRIER	FOOT	474	474		
70400200	RELOCATE TEMPORARY CONCRETE BARRIER	FOOT	474	474		
* 78001110	PAINT PAVEMENT MARKING-LINE 4"	FOOT	1310	1310		
* 78001130	PAINT PAVEMENT MARKING-LINE 6"	FOOT	216	216		
* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	9	9		
* 78200410	GUARDRAIL MARKERS, TYPE A	EACH	25	25		
* 78201000	TERMINAL MARKER - DIRECT APPLIED	EACH	4	4		
78300100	PAVEMENT MARKING REMOVAL	SQ FT	460	460		
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	9	9		
XX000061	STUMP REMOVAL	EACH	2	2		
X0321099	GEOTEXTILE RETAINING WALL	SQ YD	76		76	
X0323988	TEMPORARY SOIL RETENTION SYSTEM	SQ FT	470		470	
X0325751	DRIVING SOLDIER PILES	FOOT	302		302	
* X7200201	WIDTH RESTRICTION SIGNING	Σ SUM	1	1		
Z0030250	IMPACT ATTENUATORS, TEMPORARY (NON- REDIRECTIVE), TEST LEVEL 3	EACH	2	2		
Z0030350	IMPACT ATTENUATORS, RELOCATE (NON- REDIRECTIVE), TEST LEVEL 3	EACH	2	2		

* SPECIALTY ITEM

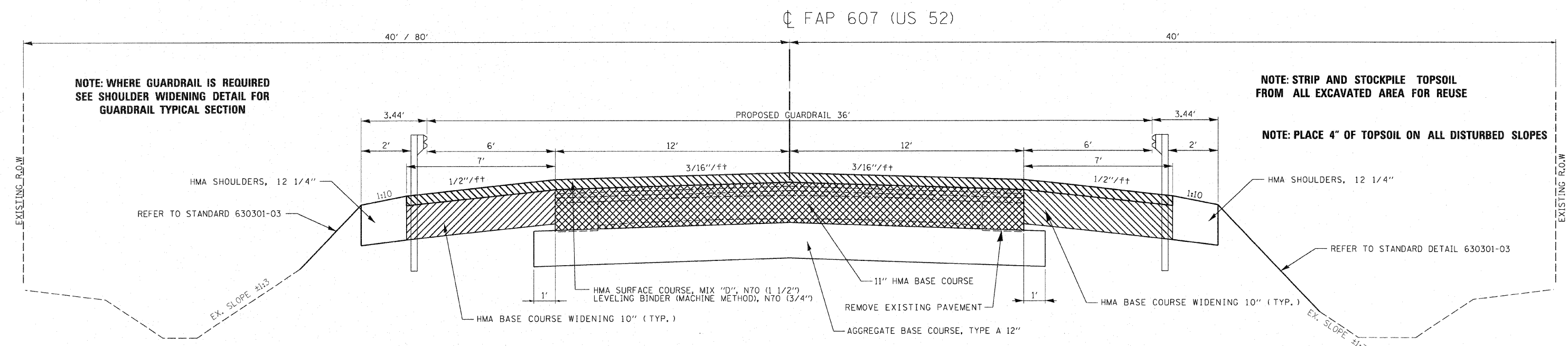
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NAME	DATE	
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
607	129 BR	KENDALL	61	5
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	



EXISTING TYPICAL SECTION
NEAR STRUCTURE



PROPOSED TYPICAL SECTION
STA 107+64.00 TO STA 108+50.00

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REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

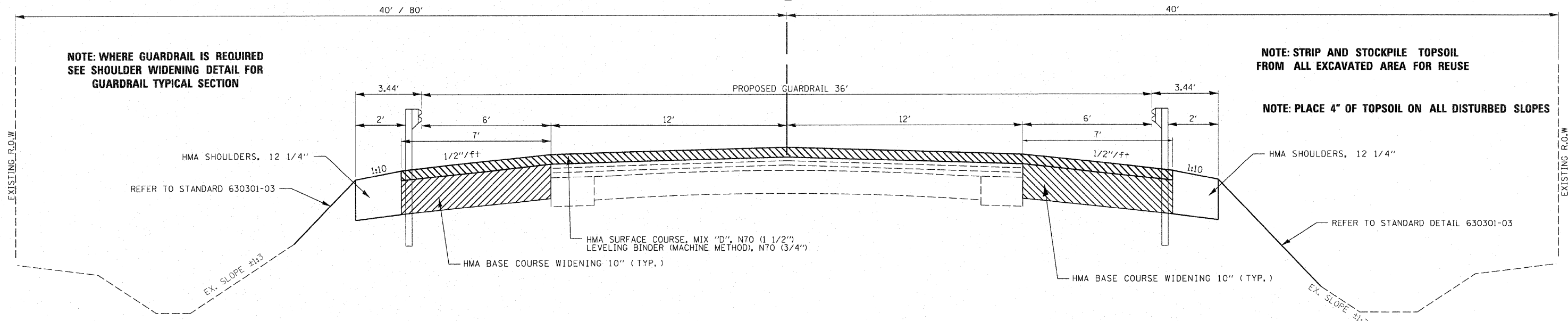
TYPICAL SECTIONS

SCALE: VERT. NOT TO SCALE
 HORIZ. NOT TO SCALE
 DATE: 10/17/2007

DRAWN BY C. SUNTKEN
 CHECKED BY M. ZELINSKAS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
607	129 BR	KENDALL	61	6
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

☐ FAP 607 (US 52)



PROPOSED TYPICAL SECTION

STA. 104+80.5 - STA. 107+64.00
STA. 108+50.00 - STA. 111+33.50

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REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION
NAME	DATE	
		TYPICAL SECTIONS

SCALE: VERT. NOT TO SCALE
HORIZ. NOT TO SCALE
DATE 10/17/2007

DRAWN BY C. SUNTKEN
CHECKED BY M. ZELINSKAS

SCHEDULE OF QUANTITIES

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
607	129 BR	KENDALL	61	7
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

20100110 TREE REMOVAL (6 TO 15 UNITS DIAMETER) UNITS
203.0

STATION	TREE DIAMETER (INCHES)	STATION	TREE DIAMETER (INCHES)
102+28	48 LT. 14	106+23	51 LT. 9
102+51	48 LT. 14	106+39	49 RT. 9
102+58	46 LT. 9	106+74	44 LT. 14
102+93	45 LT. 14	107+02	46 RT. 14
102+97	42 LT. 9	107+09	50 RT. 14
103+11	42 LT. 9	107+12	39 RT. 14
105+40	51 LT. 11	107+19	38 RT. 14
106+15	43 LT. 14	107+23	45 RT. 7
106+18	49 LT. 14		
SUBTOTAL 108		SUBTOTAL 95	
		TOTAL 203.0	

20100210 TREE REMOVAL (OVER 15 UNITS DIAMETER) UNITS
211.0

STATION	TREE DIAMETER (INCHES)	STATION	TREE DIAMETER (INCHES)
101+43	43 LT. 16	105+66	49 LT. 16
102+05	43 LT. 16	105+77	38 RT. 29
102+64	47 LT. 16	106+37	43 RT. 16
102+85	44 LT. 16	106+94	44 RT. 16
102+97	43 LT. 16	107+35	39 RT. 27
		111+46	39 RT. 27
SUBTOTAL 80		SUBTOTAL 131	
		TOTAL 211.0	

20101000 TEMPORARY FENCE

LOCATION	FT
STA. 106+00 RT. TO STA. 110+00 RT.	400
TOTAL	400

20200100 EARTH EXCAVATION 575 CY

20400800 FURNISHED EXCAVATION 13 CY

EARTHWORK SCHEDULE

LOCATION	EARTH EXCAVATION	EARTH EXCAVATION ADJUSTED FOR SHRINKAGE	EMBANKMENT	EARTHWORK BALANCE
STA. 104+50.00 TO STA. 108+07.00	286	215	120	95
STA. 108+07.00 TO STA. 112+00.00	289	217	325	-108
TOTAL	575	431	445	-13

21101615 TOPSOIL FURNISH AND PLACE 4"

LOCATION	SO YD
STA. 104+80.50 TO STA. 108+07.00	585
STA. 108+07.00 TO STA. 111+33.50	1226
TOTAL	1811

21400100 GRADING AND SHAPING OF DITCHES

LOCATION	SIDE	FT
STA. 104+50.00 TO STA. 107+50.00	RT	300
STA. 108+63.57 TO STA. 112+00.00	LT	336.43
TOTAL		636.43

25000300 SEEDING, CLASS 3

LOCATION	ACRES
STA. 104+80.50 TO STA. 108+07.00	0.12
STA. 108+07.00 TO STA. 111+33.50	0.25
TOTAL	0.37

25000400 NITROGEN FERTILIZER NUTRIENTS

LOCATION	LBS
STA. 104+80.50 TO STA. 108+07.00	11
STA. 108+07.00 TO STA. 111+33.50	23
TOTAL	34

25000500 PHOSPHORUS FERTILIZER NUTRIENTS

LOCATION	LBS
STA. 104+80.50 TO STA. 108+07.00	11
STA. 108+07.00 TO STA. 111+33.50	23
TOTAL	34

25000600 POTASSIUM FERTILIZER NUTRIENTS

LOCATION	LBS
STA. 104+80.50 TO STA. 108+07.00	11
STA. 108+07.00 TO STA. 111+33.50	23
TOTAL	34

25100115 MULCH, METHOD 2

LOCATION	ACRES
STA. 104+80.50 TO STA. 108+07.00	0.12
STA. 108+07.00 TO STA. 111+33.50	0.25
TOTAL	0.37

28000300 TEMPORARY DITCH CHECKS

LOCATION	TYPE	EACH
STA. 106+00 RT.	DITCH	1
STA. 107+50 RT.	DITCH	1
STA. 108+20 RT.	DITCH	1
STA. 108+70 LT.	DITCH	1
STA. 110+50 LT.	DITCH	1
TOTAL		5

28000400 PERIMETER EROSION BARRIER

LOCATION	FT
STA. 106+00 RT. TO STA. 110+00 RT.	400
TOTAL	400

28100109 STONE RIPRAP, CLASS A5

LOCATION	SO YD
LISBON CREEK (STA 106+15 TO STA 108+20)	555
WEST AUX SABLE CREEK (SOUTH OF US 52)	132
WEST AUX SABLE CREEK (NORTH OF US 52)	394
TOTAL	1081

28200200 FILTER FABRIC

LOCATION	SO YD
LISBON CREEK (STA 106+15 TO STA 108+20)	555
WEST AUX SABLE CREEK (SOUTH OF US 52)	132
WEST AUX SABLE CREEK (NORTH OF US 52)	394
TOTAL	1081

35101100 AGGREGATE BASE COURSE, TYPE A 12"

LOCATION	SO YD
STA 107+64.00 TO STA 108+50.00	249
TOTAL	249

35600716 HOT-MIX ASPHALT BASE COURSE WIDENING, 10"

LOCATION	STAGE	SO YD
STA. 104+80.50 LT. TO STA. 111+33.50 LT.	1	507.9
STA. 104+80.50 RT. TO STA. 111+33.50 RT.	1	507.9
STA. 107+64.00 LT. TO STA. 108+50.00 LT.	2	66.9
TOTAL		1082.7

40200100 AGGREGATE SURFACE COURSE, TYPE A

LOCATION	TON
STA. 106+40.52 LT. (ENTRANCE)	40
TOTAL	40

40600100 BITUMINOUS MATERIALS (PRIME COAT)

LOCATION	USE	GALLONS
STA. 104+80.50 TO STA. 111+33.50	SHOULDER WIDENING	99
STA. 104+80.50 TO STA. 111+33.50	OVERLAY	145
TOTAL		244

40600300 AGGREGATE (PRIME COAT)

LOCATION	TONS
STA. 104+80.50 TO STA. 111+33.50	6
TOTAL	6

40600635 LEVELING BINDER (MACHINE METHOD), N70

LOCATION	TONS
STA. 104+80.50 TO STA. 111+33.50	62.5
TOTAL	62.5

40600982 HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT

LOCATION	SO YD
STA. 104+80.50 TO STA. 105+40.50	160
STA. 110+73.50 TO STA. 111+33.50	160
TOTAL	320

40603340 HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70

LOCATION	TONS
STA. 104+80.50 TO STA 111+33.50	232
TOTAL	232

44000100 PAVEMENT REMOVAL

LOCATION	SO YD
STA. 107+64.00 TO STA. 108+50.00	297
TOTAL	297

48203046 HOT-MIX ASPHALT SHOULDERS, 12 1/4"

LOCATION	SIDE	SO YD
STA. 105+14.50 TO STA. 110+99.50	LEFT	66.9
STA. 105+14.50 TO STA. 109+61.00	RIGHT	78.4
TOTAL		145.3

50105220 PIPE CULVERT REMOVAL

LOCATION	LENGTH
STA. 106+47.23	34.9' RT.
STA. 108+73.53	33.7' LT.
TOTAL	69.7'

63000000 STEEL PLATE BEAM GUARD RAIL, TYPE A

LOCATION	SIDE	FT
STA. 105+64.50 TO STA. 107+77.00	RIGHT	212.5
STA. 108+37.00 TO STA. 110+49.50	LEFT	212.5
STA. 108+11.00 TO STA. 109+11.00	RIGHT	100
STA. 107+03.00 TO STA. 108+03.00	LEFT	100
TOTAL		625

63100167 TRAFFIC BARRIER TERMINAL TYPE 1, SPECIAL (TANGENT)

LOCATION	SIDE	NO.
STA. 105+14.50	RIGHT	1
STA. 109+61.00	RIGHT	1
STA. 110+99.50	LEFT	1
TOTAL		3

63200310 GUARDRAIL REMOVAL

LOCATION	FT
STA. 106+59.57 LT. TO STA. 110+50.67 LT.	391.1
STA. 106+54.63 RT. TO STA. 109+54.89 RT.	300.3
TOTAL	691.4

66600105 FURNISHING AND ERECTING RIGHT-OF-WAY MARKERS EACH

STA. 107+90.00	LT.	80'	1
STA. 107+90.00	LT.	100'	1
STA. 108+90.00	LT.	100'	1
STA. 109+10.00	LT.	55'	1
STA. 111+10.00	LT.	55'	1
STA. 111+90.00	LT.	40'	1
STA. 104+30.00	RT.	40'	1
STA. 104+80.00	RT.	50'	1
STA. 108+35.00	RT.	50'	1
STA. 108+50.00	RT.	40'	1
TOTAL			10

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION
NAME	DATE	
		SCHEDULE OF QUANTITIES

SCALE: VERT. NOT TO SCALE
HORIZ. NOT TO SCALE
DATE 10/17/2007

DRAWN BY C. SUNTKEN
CHECKED BY M. ZELINSKAS

SCHEDULE OF QUANTITIES

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
607	129 BR	KENDALL	61	8
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

67000400 ENGINEER'S FIELD OFFICE, TYPE A CAL MO

67100100 MOBILIZATION LUMP SUM
1

70100405 TRAFFIC CONTROL AND PROTECTION, STANDARD 701321 LUMP SUM
1

70100450 TRAFFIC CONTROL AND PROTECTION STANDARD 701201 LUMP SUM
1

70100460 TRAFFIC CONTROL AND PROTECTION STANDARD 701306 LUMP SUM
1

70100500 TRAFFIC CONTROL AND PROTECTION, STANDARD 701326 LUMP SUM
1

70103815 TRAFFIC CONTROL SURVEILLANCE CAL DAY
45

70106500 TEMPORARY BRIDGE TRAFFIC SIGNALS EACH
1

70106700 TEMPORARY RUMBLE STRIP EACH
6

70300220 TEMPORARY PAVEMENT MARKING - LINE 4"

LOCATION	STAGE	SIDE	FT
STA. 104+80.50 TO STA. 111+33.50	STAGE 1	LEFT	655
STA. 103+76.00 TO STA. 112+38.00	STAGE 1	RIGHT	862
STA. 103+76.00 TO STA. 112+38.00	STAGE 2	LEFT	862
STA. 104+80.50 TO STA. 111+33.50	STAGE 2	RIGHT	655
TOTAL			3034

70300280 TEMPORARY PAVEMENT MARKING - LINE 24"

LOCATION	STAGE	FT
STA. 103+76.00	STAGE 1	12
STA. 112+38.00	STAGE 1	12
TOTAL		24

70301000 WORK ZONE PAVEMENT MARKING REMOVAL

LOCATION	STAGE	SIDE	FT
STA. 104+80.50 TO STA. 111+33.50	STAGE 1	LEFT	218
STA. 103+76.00 TO STA. 112+38.00	STAGE 1	RIGHT	287
STA. 103+76.00 TO STA. 112+38.00	STAGE 2	LEFT	287
STA. 104+80.50 TO STA. 111+33.50	STAGE 2	RIGHT	218
STA. 103+76.00	STAGE 2		24
STA. 112+38.00	STAGE 2		24
TOTAL			1058

70400100 TEMPORARY CONCRETE BARRIER

LOCATION	FT
STA. 105+81.00 TO STA. 110+33.00	474
TOTAL	474

70400200 RELOCATE TEMPORARY CONCRETE BARRIER

LOCATION	FT
STA. 105+81.00 TO STA. 110+33.00	474
TOTAL	474

78001110 PAINT PAVEMENT MARKING-LINE 4"

LOCATION	SIDE	FT
STA. 104+80.50 TO STA. 111+33.50	LEFT	655
STA. 104+80.50 TO STA. 111+33.50	RIGHT	655
TOTAL		1310

78001130 PAINT PAVEMENT MARKING-LINE 6"

LOCATION	SIDE	FT
STA. 103+76.00 TO STA. 112+38.00	CENTER	216
TOTAL		216

78100100 RAISED REFLECTIVE PAVEMENT MARKERS EACH
9

78200410 GUARDRAIL MARKERS, TYPE A EACH
17

78201000 TERMINAL MARKER - DIRECT APPLIED EACH
3

78300100 PAVEMENT MARKING REMOVAL

LOCATION	SIDE	SO FT
STA. 103+76.00 TO STA. 105+20.00	CENTER	12
STA. 110+94.00 TO STA. 112+38.00	CENTER	12
STA. 104+80.50 TO STA. 111+33.50	LEFT	218
STA. 104+80.50 TO STA. 111+33.50	RIGHT	218
TOTAL		460

78300200 RAISED REFLECTIVE PAVEMENT MARKER REMOVAL EACH
9

XX000061 STUMP REMOVAL

LOCATION	NO.
SW QUAD.	1
SE QUAD.	1
TOTAL	2

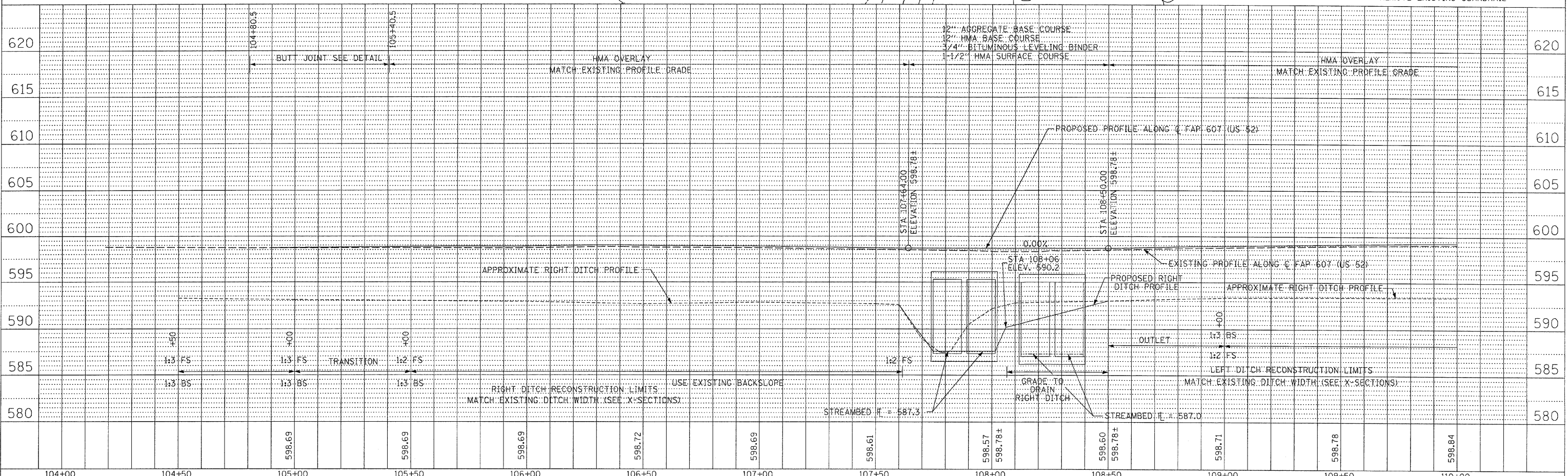
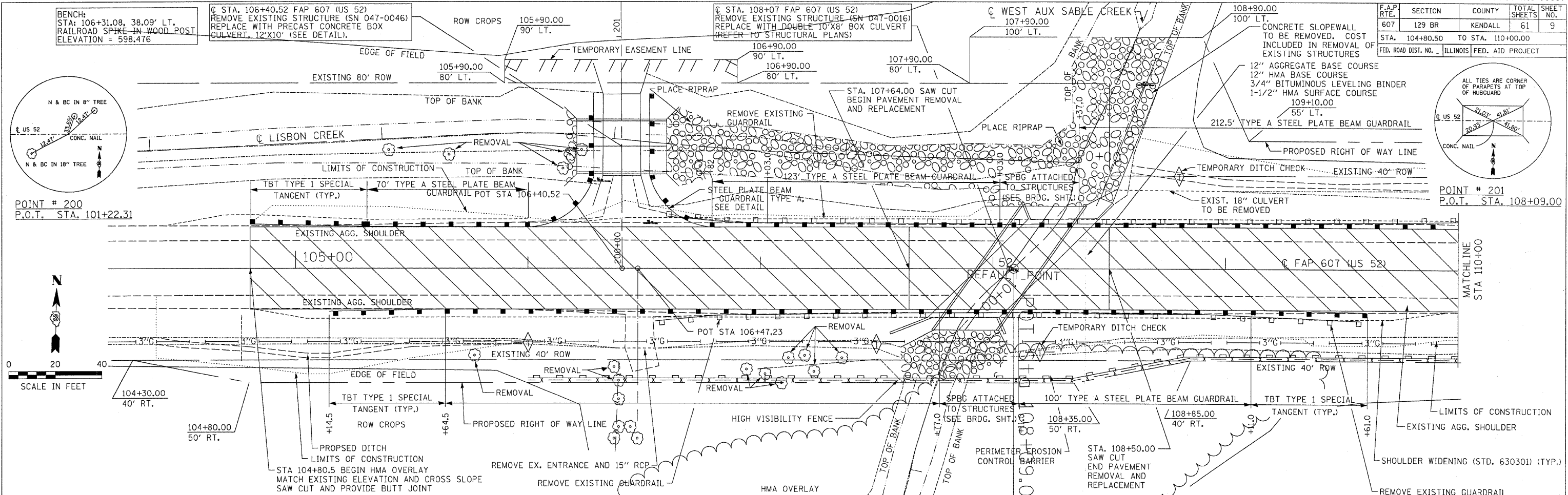
X7200201 WIDTH RESTRICTION SIGNING LUMP SUM
1

LOCATIONS	NO.
ON US 52 JUST EAST OF IL 47	1
BEFORE ALL TRAFFIC CONTROL SIGNING FOR EB TRAFFIC FOR TC&P STD 701326	1
BEFORE ALL TRAFFIC CONTROL SIGNING FOR WB TRAFFIC FOR TC&P STD 701326	1
ON US 52 WEST OF IL 59 IN SHOREWOOD	1
TOTAL NEEDED	4

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION
NAME	DATE	
		<p>SCHEDULE OF QUANTITIES</p> <p>SCALE: VERT. NOT TO SCALE HORIZ. NOT TO SCALE DATE 10/17/2007</p> <p>DRAWN BY C. SUNTKEN CHECKED BY W. ZELINSKAS</p>

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
607	129 BR	KENDALL	61	9

STA. 104+80.50 TO STA. 110+00.00
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT

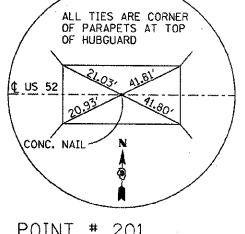
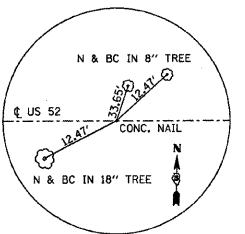


PLAN AND PROFILE — F.A.P. 607 (US 52) KENDALL COUNTY

PLAN	DATE	BY
DATE		
BY		
DATE		
BY		
DATE		
BY		

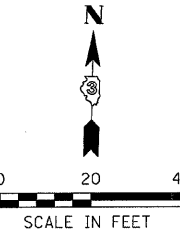
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BY		

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 REFERENCE = REF# 8
 OPERATOR = wenzelko



POINT # 200
P.O.T. STA. 101+22.31

POINT # 201
P.O.T. STA. 108+09.00



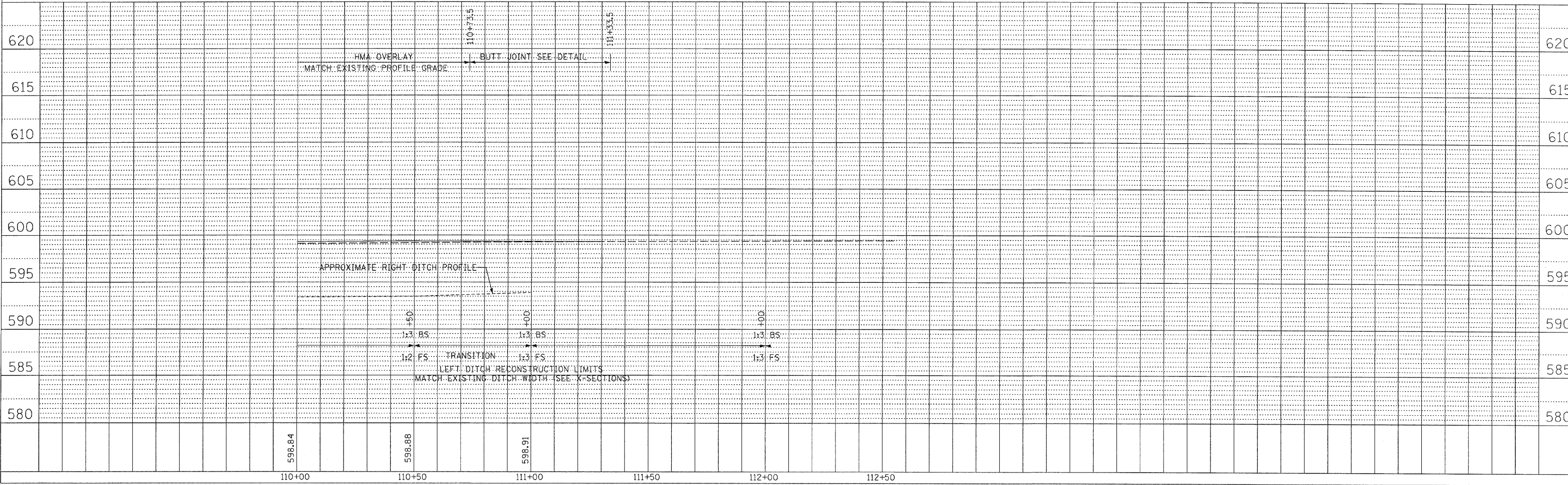
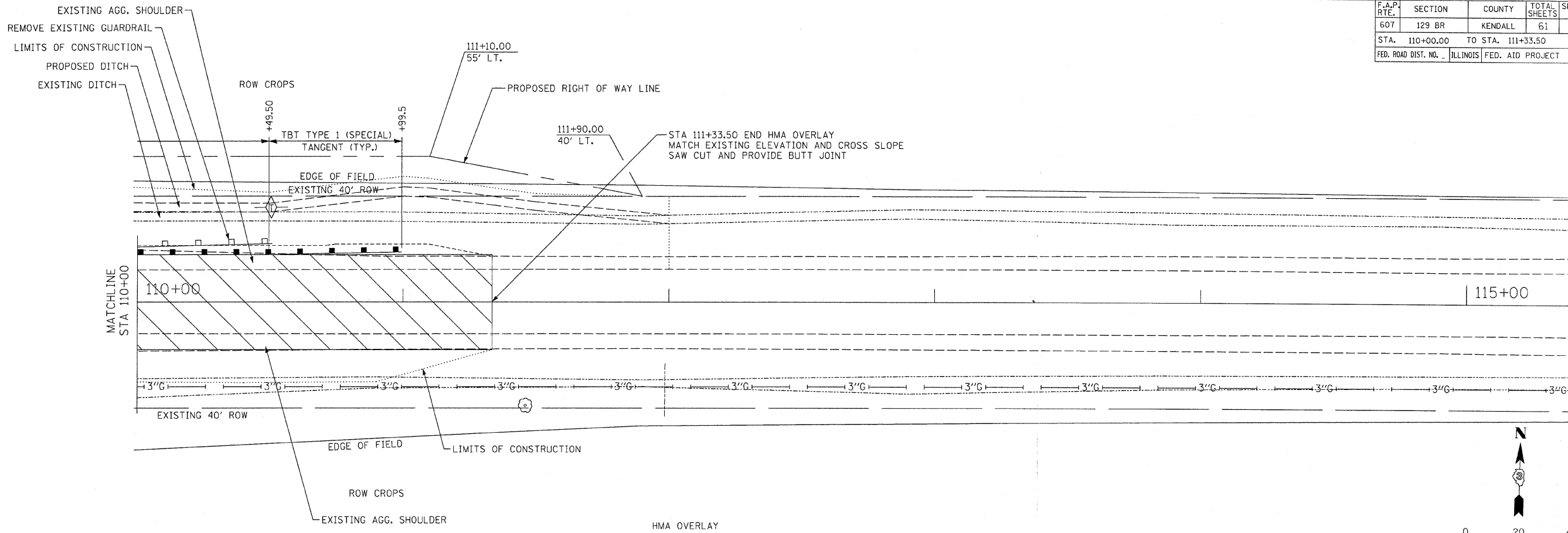
MATCHLINE
STA 110+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
607	129 BR	KENDALL	61	10
STA. 110+00.00		TO STA. 111+33.50		
FED. ROAD DIST. NO. 1		ILLINOIS		FED. AID PROJECT

PLAN	DATE
SURVEYED	
ALIGNED	
RT. OF WAY CHECKED	
NO. _____	

PROFILE	DATE
SURVEYED	
GRADES CHECKED	
BY: NOTED	
NO. _____	

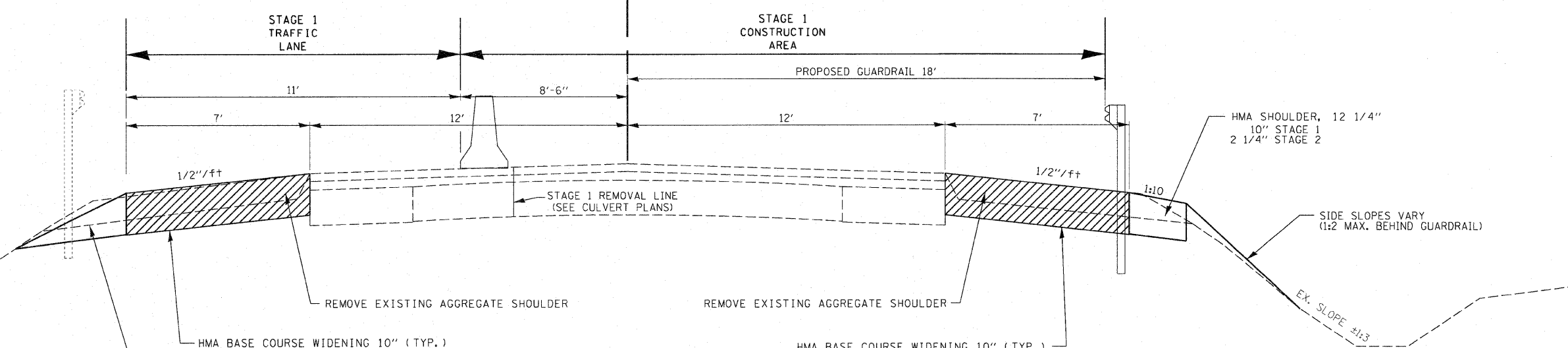
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
607	129 BR	KENDALL	61	11
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

NOTE: NORTH SIDE BASE COURSE WIDENING MUST BE CONSTRUCTED PRIOR TO ANY OTHER ACTIVITIES

CL FAP 607 (US 52)



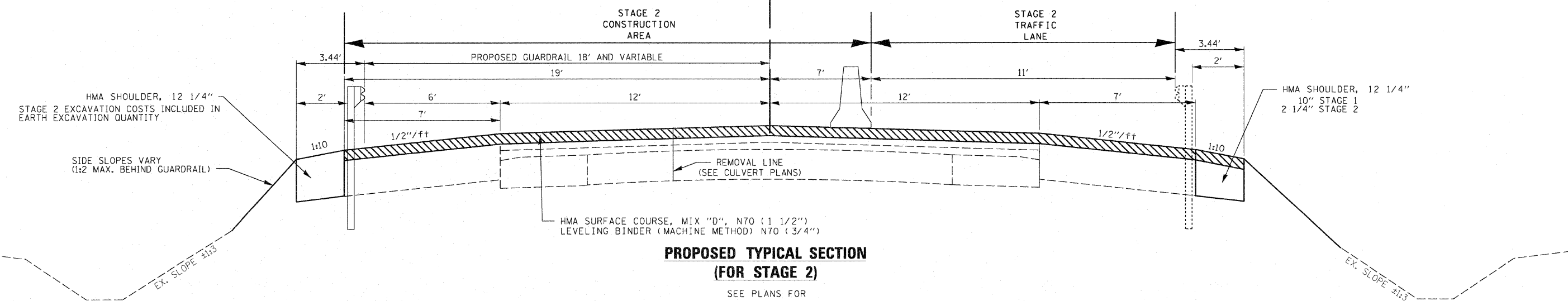
PROPOSED TYPICAL SECTION (FOR STAGE 1)

SEE PLANS FOR LOCATIONS AND DETAILS

NOTE: STRIP AND STOCKPILE TOPSOIL FROM ALL EXCAVATED AREA FOR REUSE

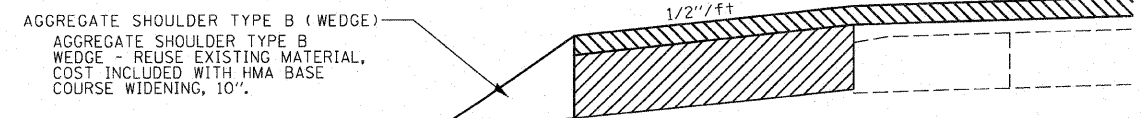
NOTE: PLACE 4" OF TOPSOIL ON ALL DISTURBED SLOPES

CL FAP 607 (US 52)



PROPOSED TYPICAL SECTION (FOR STAGE 2)

SEE PLANS FOR LOCATIONS AND DETAILS



PROPOSED TYPICAL SECTION (FOR STAGE 2)

STA 104+80.50 LT. TO STA 106+19.0 LT.
STA 109+95.00 RT. TO STA 111+33.50 RT.

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

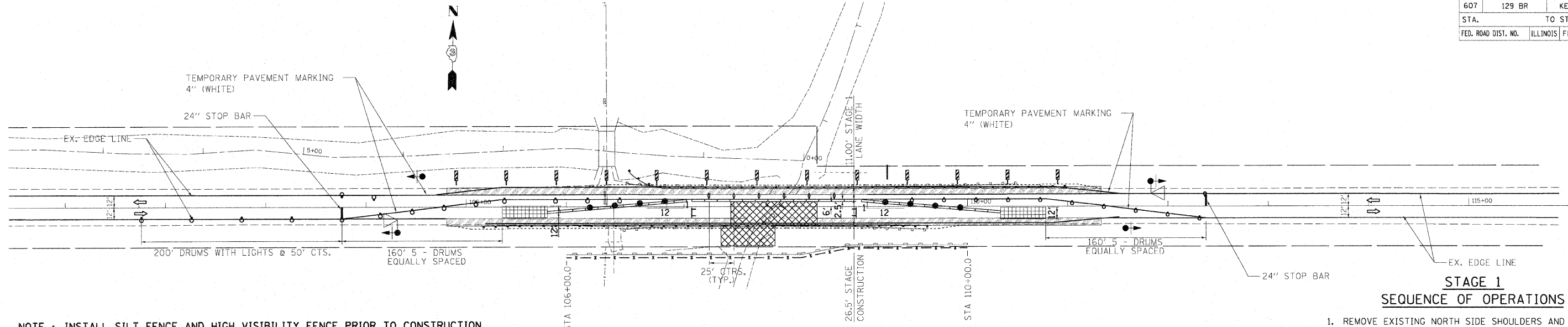
STAGING PLANS

SCALE: VERT. NOT TO SCALE
HORIZ. NOT TO SCALE
DATE 10/17/2007

DRAWN BY C. SUNTKEN
CHECKED BY M. ZELINSKAS

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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
607	129 BR	KENDALL	61	12
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



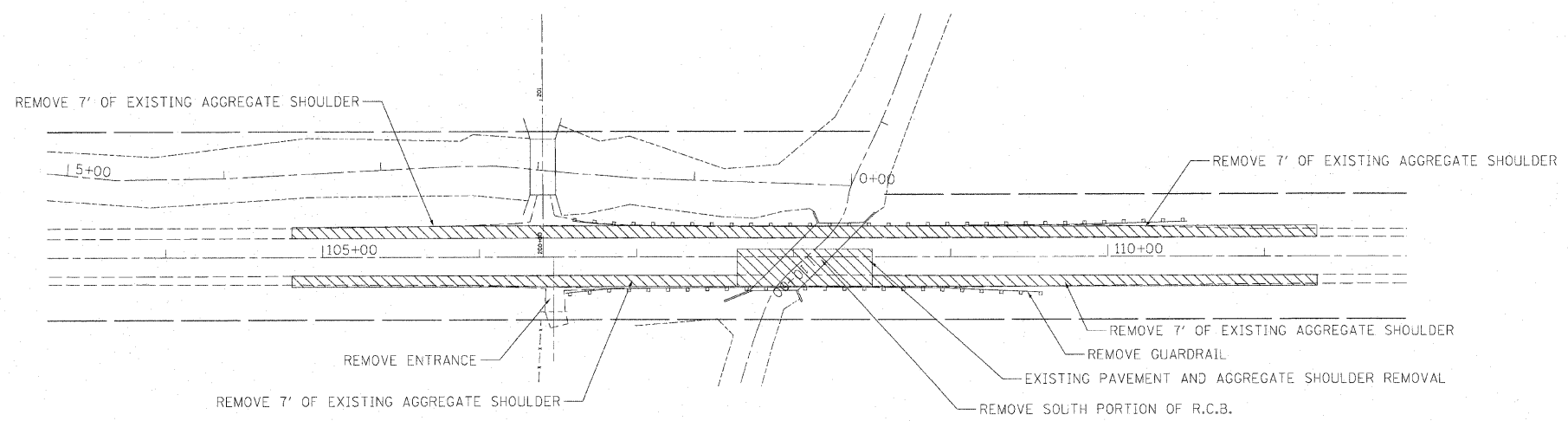
NOTE : INSTALL SILT FENCE AND HIGH VISIBILITY FENCE PRIOR TO CONSTRUCTION

TRAFFIC CONTROL SCHEMATIC

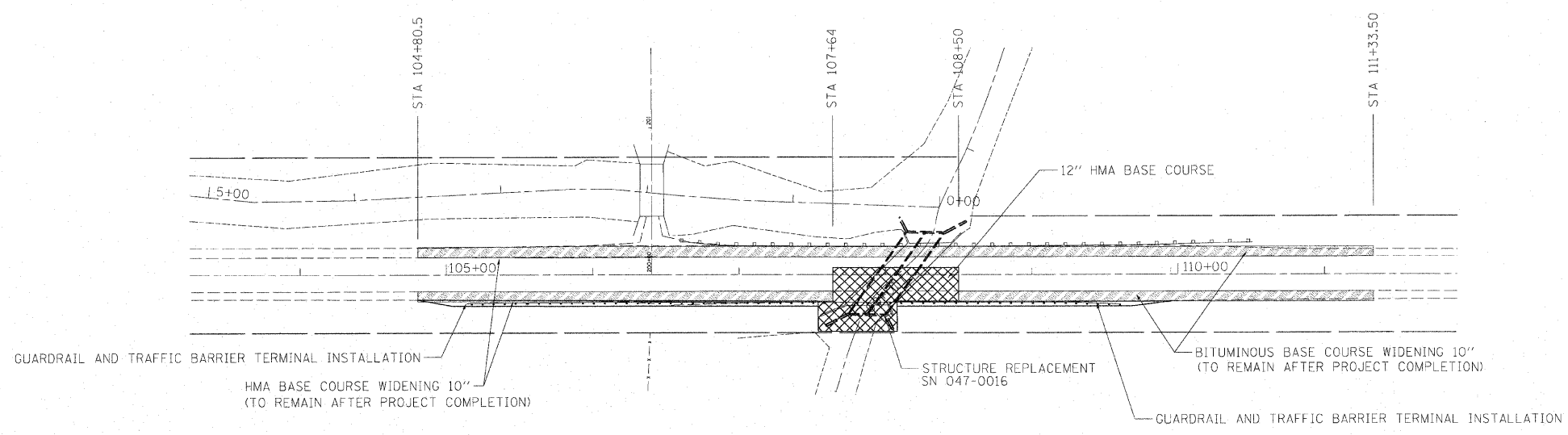
NOTE : TEMPORARY RUMBLE STRIPS AND SIGNS AS SHOWN IN TRAFFIC CONTROL AND PROTECTION STANDARD 701321 AND 702001 SHALL BE INSTALLED.

STAGE 1 SEQUENCE OF OPERATIONS

1. REMOVE EXISTING NORTH SIDE SHOULDERS AND CONSTRUCT NORTH SIDE HMA BASE COURSE WIDENING WITH THE AID OF TRAFFIC CONTROL AND PROTECTION STANDARD 701326.
2. INSTALL TEMPORARY TRAFFIC SIGNALS, ATTENUATOR BASES, ATTENUATORS, TEMPORARY CONCRETE BARRIERS AND DRUMS WITH THE AID OF TRAFFIC CONTROL AND PROTECTION STANDARDS 701201 AND 701006. ALL OTHER ITEMS AS PER THESE DETAILS AND AS PER LANE CLOSURE 2L, 2W, BRIDGE REPAIR WITH BARRIER STANDARD 701321. BEGIN OPERATING UNDER STAGE 1 TRAFFIC CONDITIONS WITH THE AID OF TRAFFIC CONTROL AND PROTECTION STANDARD 701201 AND 701006.
3. REMOVE EXISTING SOUTH SIDE SHOULDERS, GUARDRAIL & TRAFFIC BARRIER TERMINALS, EXCAVATE, AND REMOVE PORTION OF HWY 52 EXISTING STRUCTURE. REMOVE ENTRANCE STRUCTURE AT STA. 106+40.2 LT. REMOVE ENTRANCE AND 15" RCP AT STA. 106+47.23 RT.
4. CONSTRUCT NEW PORTIONS OF PROPOSED HWY 52 STRUCTURE (SN 047-0016), BACKFILL, COMPACT. INSTALL SOUTH SIDE HMA BASE COURSE WIDENING AND SOUTH LANE ROADWAY HMA BASE COURSE, INSTALL GUARDRAIL AND TRAFFIC BARRIER TERMINALS. CONSTRUCT NEW ENTRANCE STRUCTURE (SN 047-0046). GRADE AND SHAPE DITCHES.



REMOVAL SCHEMATIC



CONSTRUCTION SCHEMATIC

LEGEND

- WORK AREA
- REMOVAL AREA (SEE NOTES)
- HMA BASE COURSE WIDENING 10"
- TYPE III BARRICADE
- MICROWAVE DETECTOR
- TRAFFIC SIGNALS WITH BACKPLATE
- DRUM WITH STEADY BURNING LIGHT
- STOP LINE 24"
- TEMPORARY IMPACT ATTENUATOR (NON-REDIRECTIVE) RESERVE AREA
- DOUBLE VERTICAL PANEL
- TYPE C BIDIRECTIONAL REFLECTOR
- STEADY BURNING LIGHTS AND DOUBLE VERTICAL PANEL

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

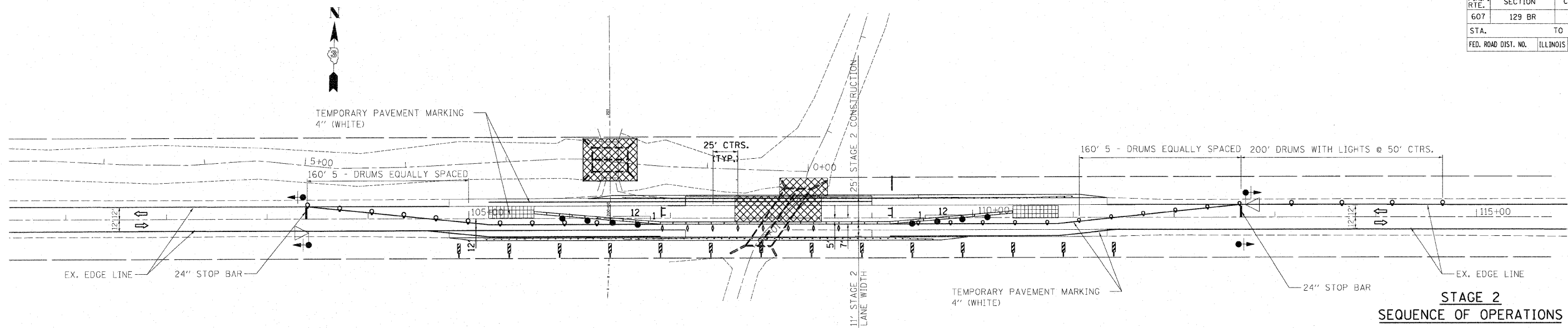
STAGING PLANS
STAGE 1 CONSTRUCTION

SCALE: VERT. NOT TO SCALE
HORIZ. NOT TO SCALE
DATE 10/17/2007

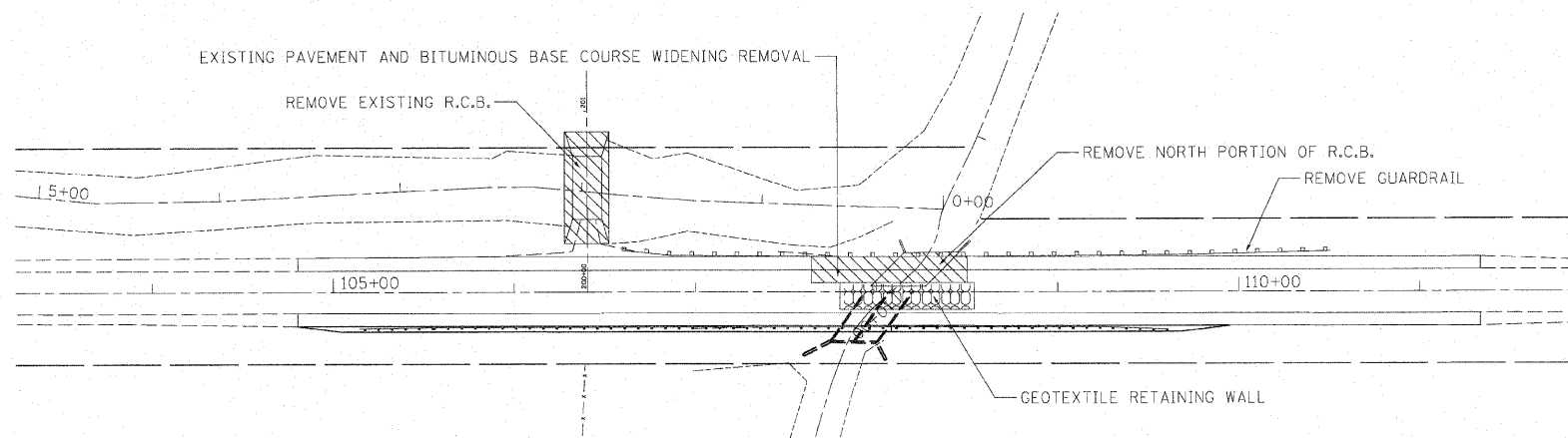
DRAWN BY C. SUNTKEN
CHECKED BY M. ZELINSKAS

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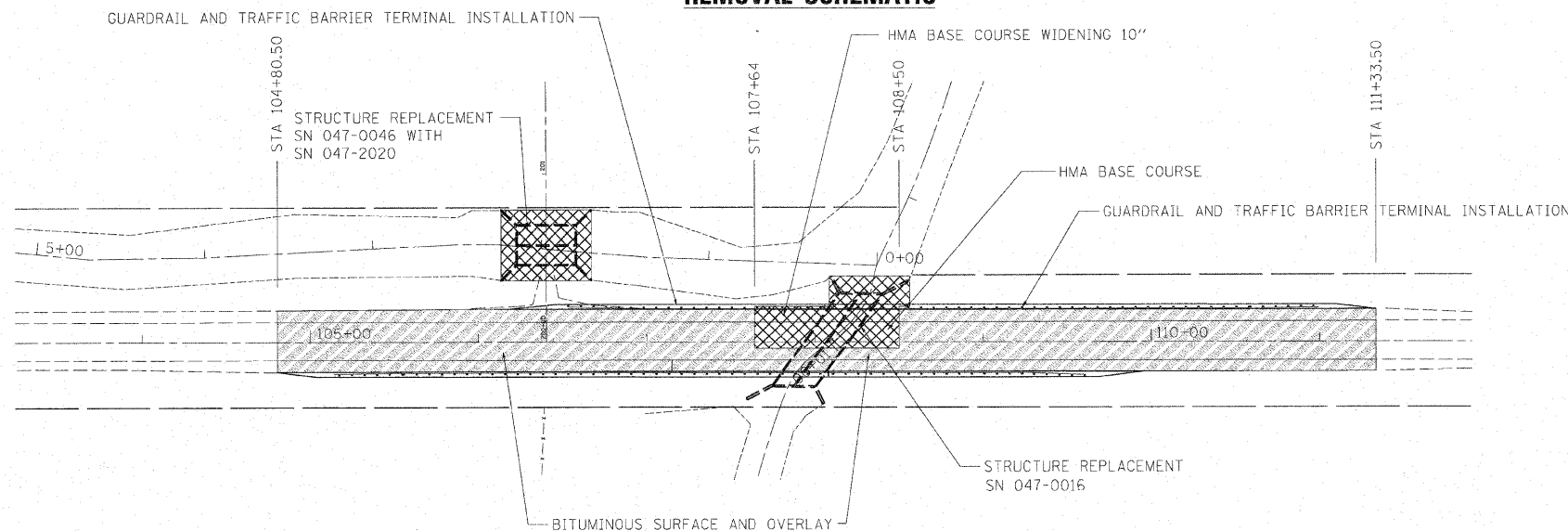
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
607	129 BR	KENDALL	61	13
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



TRAFFIC CONTROL SCHEMATIC



REMOVAL SCHEMATIC



CONSTRUCTION SCHEMATIC

STAGE 2 SEQUENCE OF OPERATIONS

1. INSTALL TEMPORARY CONCRETE BARRIERS AND DRUMS USING TRAFFIC CONTROL AND PROTECTION STANDARDS 701006 AND 701201. ALL OTHER ITEMS AS PER THESE DETAILS AND AS PER LANE CLOSURE 2L, 2W, BRIDGE REPAIR WITH BARRIER STANDARD 701321. BEGIN OPERATING UNDER STAGE 2 TRAFFIC CONDITIONS.
2. THE CONTRACTOR SHALL REMOVE EXISTING STRUCTURE (SN 047-0046) AND REPLACE WITH 11' X 8' PRECAST CONCRETE DOUBLE BOX CULVERT (SN 047-2020). THE BRIDGE CAN ONLY BE CLOSED AFTER THE PLANTING SEASON ENDS - AFTER JUNE 1.
3. REMOVE ALL REMAINING EXISTING ITEMS SUCH AS GUARDRAIL, TRAFFIC BARRIER TERMINALS AND REMAINING PORTIONS OF EXISTING STRUCTURE. REMOVE 18" CULVERT AT STA. 109+00 RT.
4. CONSTRUCT NEW PORTIONS OF PROPOSED STRUCTURE, BACKFILL AND COMPACT. INSTALL NORTH LANE ROADWAY HMA BASE COURSE, AND INSTALL TRAFFIC BARRIER TERMINALS AND GUARDRAIL. OVERLAY PAVEMENT AND SHOULDERS.
5. REMOVE ALL TEMPORARY TRAFFIC CONTROL DEVICES. PLACE FINAL STRIPING. ALL OF WORK WILL BE DONE IN ACCORDANCE WITH STANDARDS 701306, 701311 AND 702001.

LEGEND

- GEOTEXTILE RETAINING WALL
- WORK AREA
- REMOVAL AREA (SEE NOTES)
- HMA OVERLAY
- TYPE III BARRICADE
- MICROWAVE DETECTOR
- TRAFFIC SIGNALS WITH BACKPLATE
- DRUM WITH STEADY BURNING LIGHT
- STOP LINE 24"
- TEMPORARY IMPACT ATTENUATOR (NON-REDIRECTIVE) RESERVE AREA
- DOUBLE VERTICAL PANEL
- TYPE C BIDIRECTIONAL REFLECTOR
- STEADY BURNING LIGHTS AND DOUBLE VERTICAL PANEL

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

STAGING PLANS
STAGE 2 CONSTRUCTION

SCALE: VERT. NOT TO SCALE
HORIZ. NOT TO SCALE
DATE 10/17/2007
DRAWN BY C. SUNTKEN
CHECKED BY M. ZELINSKAS

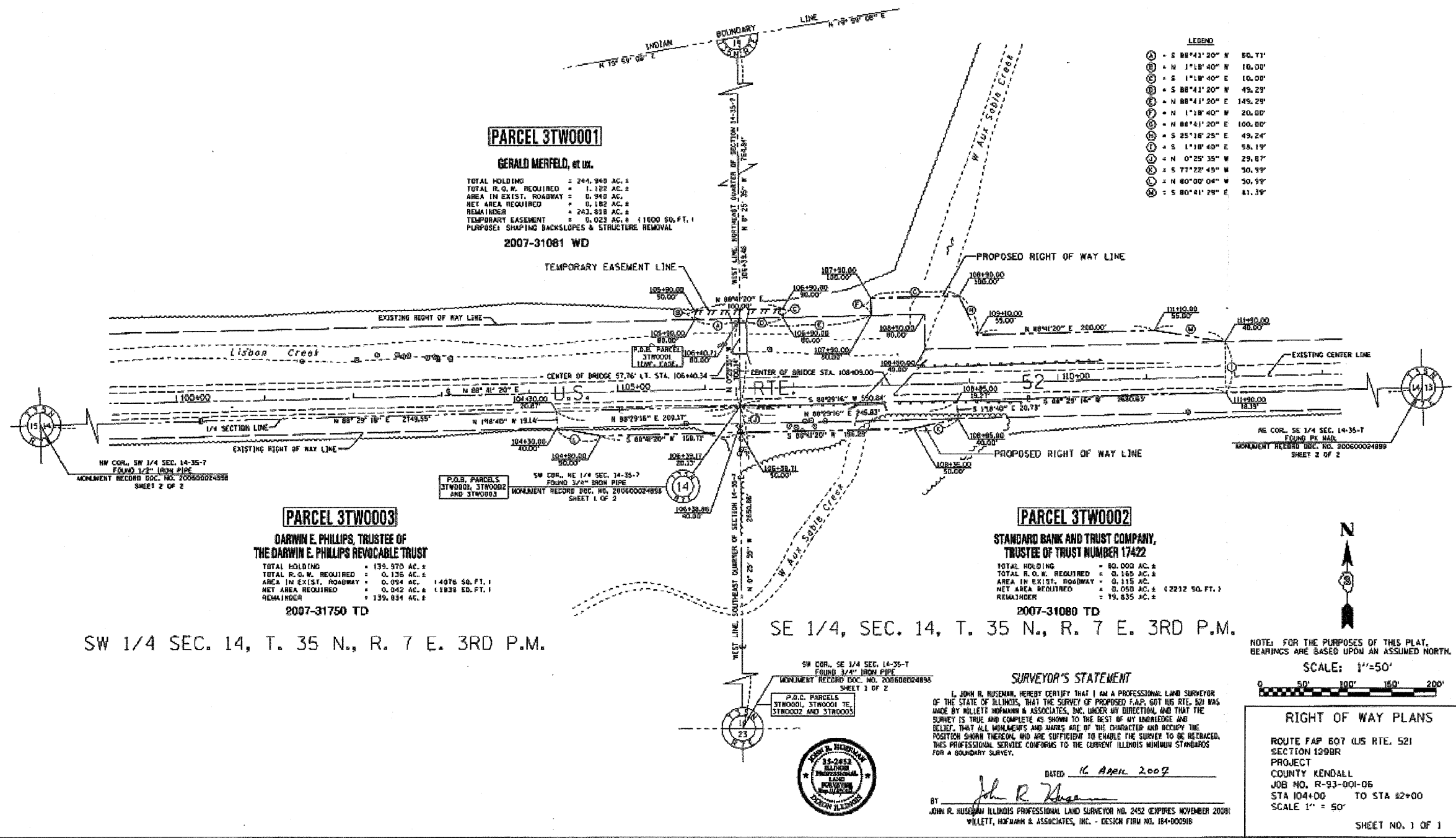
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
607	129 BR	KENDALL	61	14
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

NW 1/4, SEC. 14, T. 35 N., R. 7 E. 3RD P.M.

NE 1/4, SEC. 14, T. 35 N., R. 7 E. 3RD P.M.

2008-08618



PARCEL 3TW0001
GERALD MERFELD, et ux.

TOTAL HOLDING = 244.940 AC. ±
TOTAL R.O.W. REQUIRED = 1.122 AC. ±
AREA IN EXIST. ROADWAY = 0.940 AC. ±
NET AREA REQUIRED = 0.182 AC. ±
REMAINDER = 243.818 AC. ±
TEMPORARY EASEMENT = 0.023 AC. ± (11000 SQ.FT.)
PURPOSE: SHAPING BACKSLOPES & STRUCTURE REMOVAL
2007-31081 WD

PARCEL 3TW0003
DARWIN E. PHILLIPS, TRUSTEE OF
THE DARWIN E. PHILLIPS REVOCABLE TRUST

TOTAL HOLDING = 139.970 AC. ±
TOTAL R.O.W. REQUIRED = 0.136 AC. ±
AREA IN EXIST. ROADWAY = 0.994 AC. ± (14076 SQ.FT.)
NET AREA REQUIRED = 0.042 AC. ± (1828 SQ.FT.)
REMAINDER = 139.834 AC. ±
2007-31750 TD

PARCEL 3TW0002
STANDARD BANK AND TRUST COMPANY,
TRUSTEE OF TRUST NUMBER 17422

TOTAL HOLDING = 80.000 AC. ±
TOTAL R.O.W. REQUIRED = 0.165 AC. ±
AREA IN EXIST. ROADWAY = 0.115 AC. ±
NET AREA REQUIRED = 0.050 AC. ± (2212 SQ.FT.)
REMAINDER = 79.835 AC. ±
2007-31080 TD

SURVEYOR'S STATEMENT

I, JOHN R. RUSSELL, HEREBY CERTIFY THAT I AM A PROFESSIONAL LAND SURVEYOR OF THE STATE OF ILLINOIS, THAT THE SURVEY OF PROPOSED F.A.P. 607 (US RTE. 52) WAS MADE BY NILLETT HOFMANN & ASSOCIATES, INC. UNDER MY DIRECTION AND THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT ALL MONUMENTS AND MARKS ARE OF THE CHARACTER AND OCCUPY THE POSITION SHOWN THEREON AND ARE SUFFICIENT TO ENABLE THE SURVEY TO BE REPRODUCED. THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY.

DATED 16 April 2007
BY John R. Russell
JOHN R. RUSSELL ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 2452 (EXPIRES NOVEMBER 2008)
WILLET, HOFMANN & ASSOCIATES, INC. - DESIGN FIRM NO. 164-000916

SW COR., SE 1/4 SEC. 14-35-7
FOUND 3/4" IRON PIPE
MONUMENT RECORD DOC. NO. 200600024895
SHEET 1 OF 2

P.O.B. PARCELS
3TW0001, 3TW0002
AND 3TW0003



NOTE: FOR THE PURPOSES OF THIS PLAT, BEARINGS ARE BASED UPON AN ASSUMED NORTH.

SCALE: 1"=50'



REVISED MAR 6, 2007

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

RIGHT OF WAY SHEET

SCALE: VERT. HORIZ.
DATE
DRAWN BY
CHECKED BY

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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
607	129 BR	KENDALL	61	15
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

DELETED

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REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

RIGHT OF WAY SHEET

SCALE: VERT.
 HORIZ.
 DATE

DRAWN BY
 CHECKED BY

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

INDEX OF SHEETS

1. General Plan & Elevation
2. Stage Construction Details
3. Temporary Concrete Barrier
4. Temporary Soil Retention System Details
5. Geotextile Retaining Wall
6. Box Culvert End Section Top Slab Details
7. Box Culvert End Section Bottom Slab Details
8. Box Culvert End Section Details
9. Collar Plan & Details
10. Soldier Pile Wingwall Plan & Details
11. Northwest Soldier Pile Wingwall Details
12. Soldier Pile Wingwall Details
13. Rail Post Spacing & Details
- 14.-15. Soil Borings (S.N. 047-2019)
16. Soil Borings (S.N. 047-2020)

ROUTE NO.	SECTION	COUNTY	SHEET NO.	SHEET NO.
F.A.P. 607	129BR	KENDALL	61	16
FED. ROAD DIST. NO.	ILL. ROAD DIST. NO.	FED. AID PROJECT		

Contract #66667

GENERAL NOTES

This box culvert has a design fill height of 3.1 feet. The Precast Concrete Box Culvert sections shall conform to the requirements of AASHTO M-259.
Reinforcement bars designated (E) shall be epoxy coated. Reinforcement bars shall conform to the requirements of ASTM A706 Gr 60 (IL Modified). See Special Provisions
Layout of slope protection system may be varied in the field to suit ground conditions as directed by the Engineer.
Excavation behind existing abutment walls shall be performed to balance front and back soil pressure before removing the existing superstructure. The Contractor shall sawcut the upper portion of the existing abutment at the stage removal line before Stage I removal to ensure the remaining portion will not be prematurely damaged.

DESIGN SPECIFICATIONS

2002 AASHTO Standard Specifications

LOADING HS20-44

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

DESIGN STRESSES

FIELD UNITS

$f'_c = 3,500$ psi
 $f_y = 60,000$ psi (reinforcement)
 $f_y = 36,000$ psi (soldier piles)

PRECAST UNITS

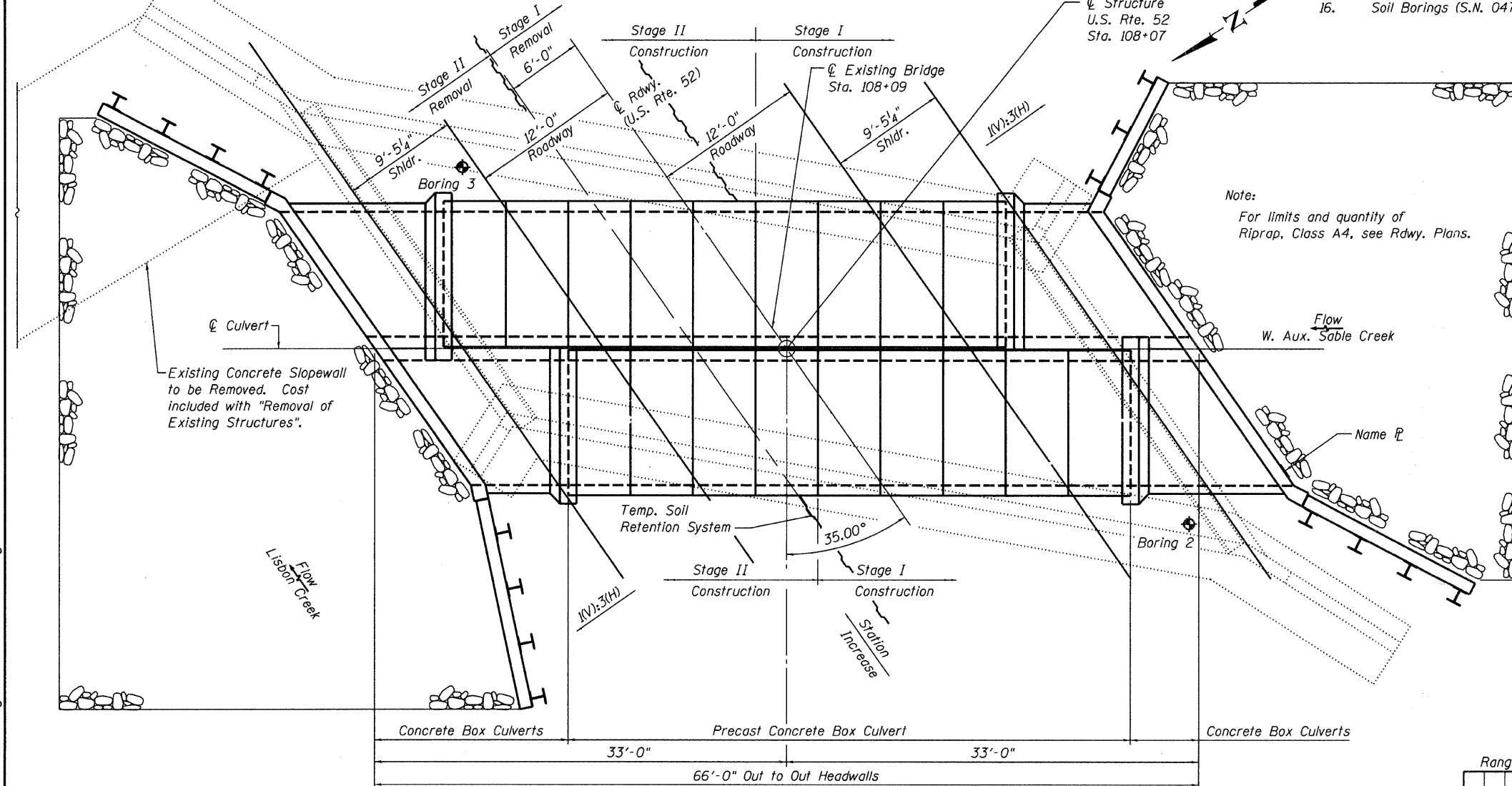
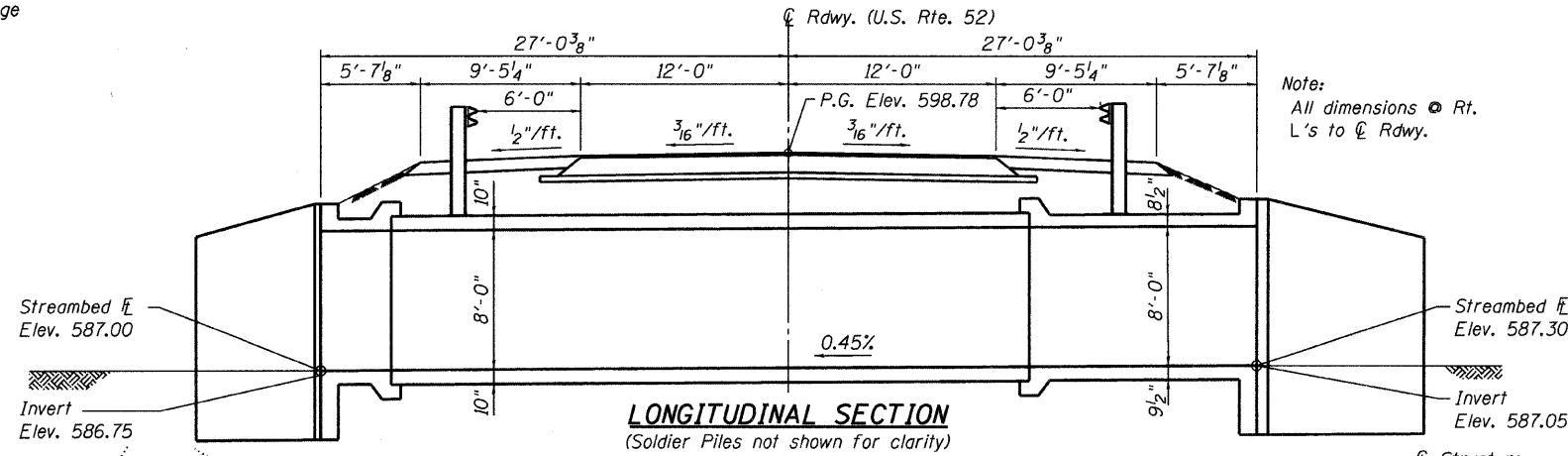
$f'_c = 5,000$ psi
 $f_y = 65,000$ psi (welded wire fabric)

TOTAL BILL OF MATERIAL

ITEM	UNIT	TOTAL
Removal of Existing Structures	Each	1
Concrete Structures	Cu. Yd.	26.2
Stud Shear Connectors	Each	273
Untreated Timber Lagging	Sq. Ft.	470
Furnishing Soldier Piles (HP Section)	Foot	465
Reinforcement Bars, Epoxy Coated	Pound	13,400
Name Plates	Each	1
Concrete Box Culverts	Cu. Yd.	64.8
Precast Concrete Box Culvert 10'x8'	Foot	90
Geocomposite Wall Drain	Sq. Yd.	52
Steel Plate Beam Guardrail, Attached To Structures	Foot	68
Geotextile Retaining Wall	Sq. Ft.	76
Temporary Soil Retention System	Sq. Ft.	470
Driving Soldier Piles	Foot	302

Benchmark: Railroad spike in wood post, Sta. 106+31.08, 38.09' Lt. Elev. 598.476
Existing Structure: S.N. 047-0016 built in 1933 as S.B.I. Route 69, Sec. 129-B. Single span reinforced concrete slab on closed abutments. 30'-10" back to back abutments, 42'-2" out to out. Traffic will be maintained utilizing stage construction.

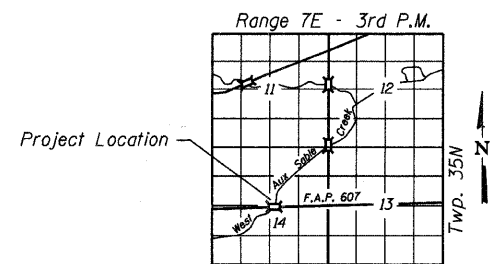
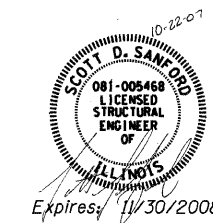
No salvage



STATION 108+07
BUILT 20 BY
STATE OF ILLINOIS
F.A.P. RT. 607 SEC. 129BR
LOADING HS20
STR. NO. 047-2019

NAME PLATE
See Std. 515001

Note:
For limits and quantity of
Riprap, Class A4, see Rdwy. Plans.



LOCATION SKETCH

PLAN WATERWAY INFORMATION

		Exist. Low Grade Elev. = 598.57 @ Sta. 108+00		Prop. Low Grade Elev. = 598.78 @ Sta. 108+00					
Flood	Freq. Yr.	0 C.F.S.	Opening Sq. Ft.	Nat. H.W.E.	Head - Ft.	Headwater El.			
		Exist.	Prop.	Exist.	Prop.	Exist.	Prop.		
Design	10	405	136	160	595.10	0.40	0.10	595.50	595.10
Base	50	598	147	160	595.70	0.50	0.30	596.20	595.90
	100	674	151	160	595.80	0.60	0.40	596.40	596.20
Max. Calc.	500	851	153	160	596.00	0.80	0.60	596.80	596.40

Operator: dheberling
Date: 10/19/2007
Filename: L:\Jobs\DOT_D-36691-1\Drawings\Structure\SN047-0016.dgn

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DRAWN	D.L.H.
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GENERAL PLAN & ELEVATION
U.S. RTE. 52 OVER WEST AUX SABLE CREEK
F.A.P. 607 - SECTION 129BR
KENDALL COUNTY
STATION 108+07
STRUCTURE NO. 047-2019

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.P. 607	129BR	KENDALL	61	17
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

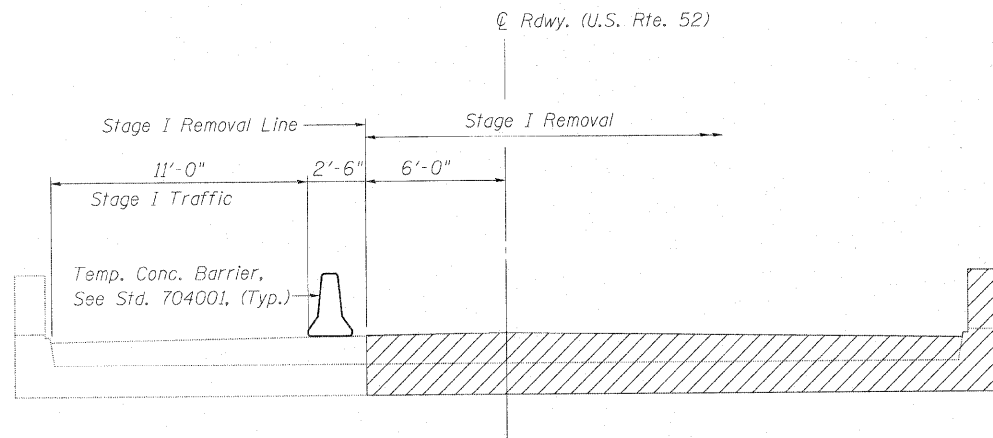
SHEET NO. 2
16 SHEETS

Contract #66667

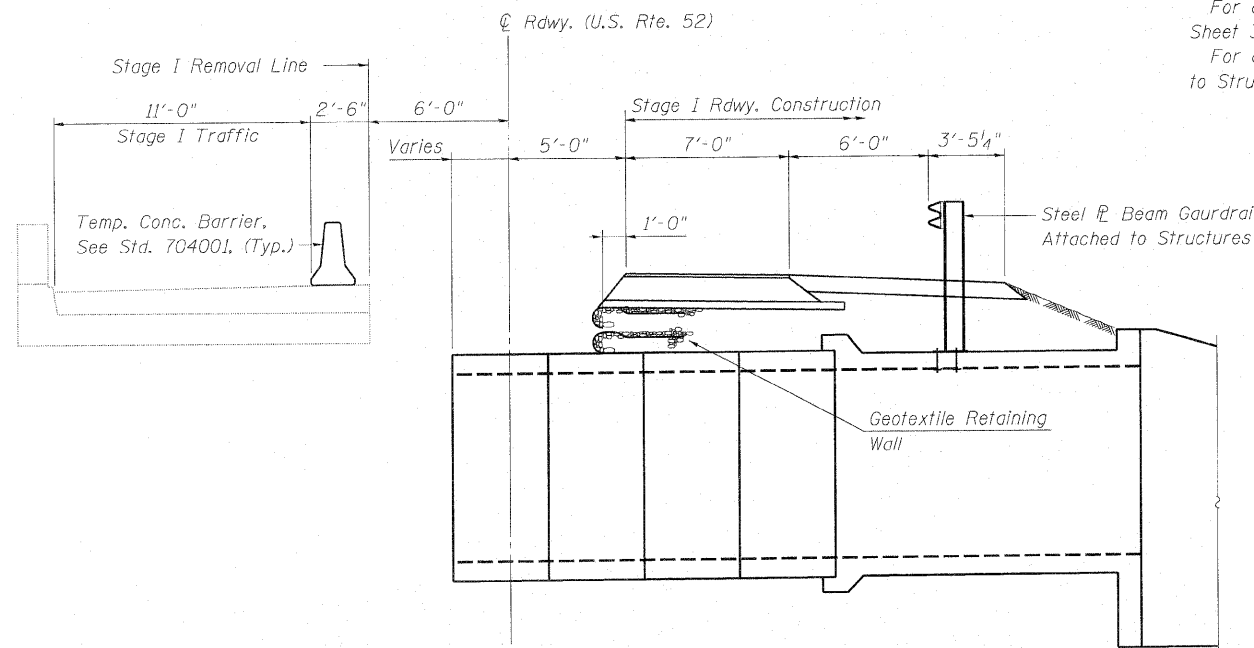
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Date: 10/30/2007

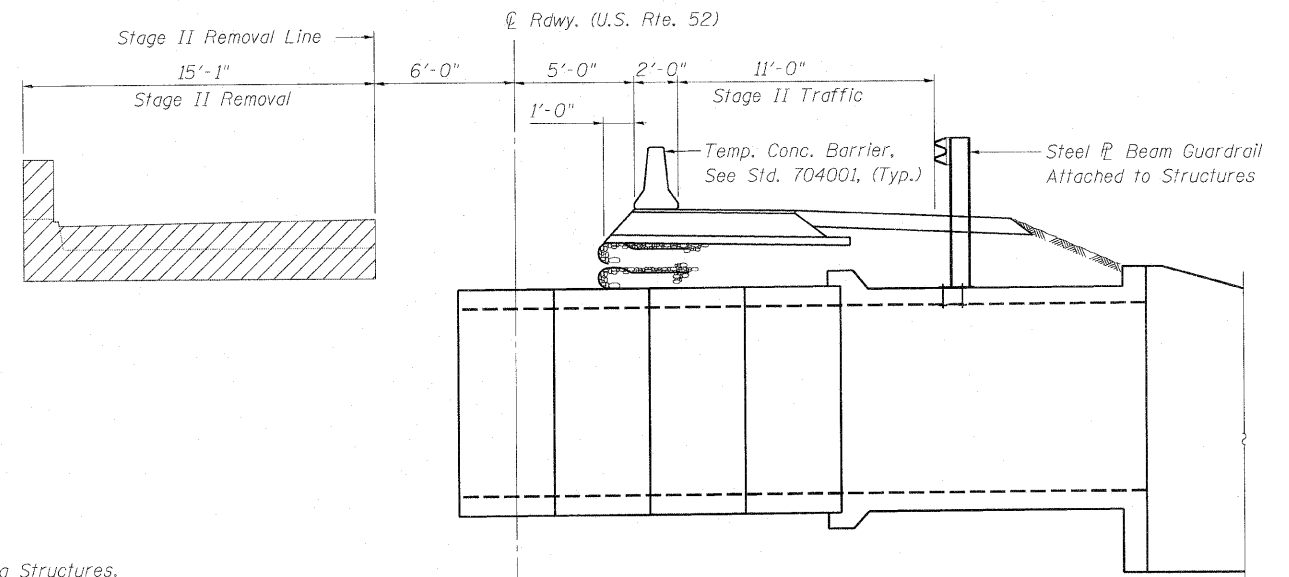
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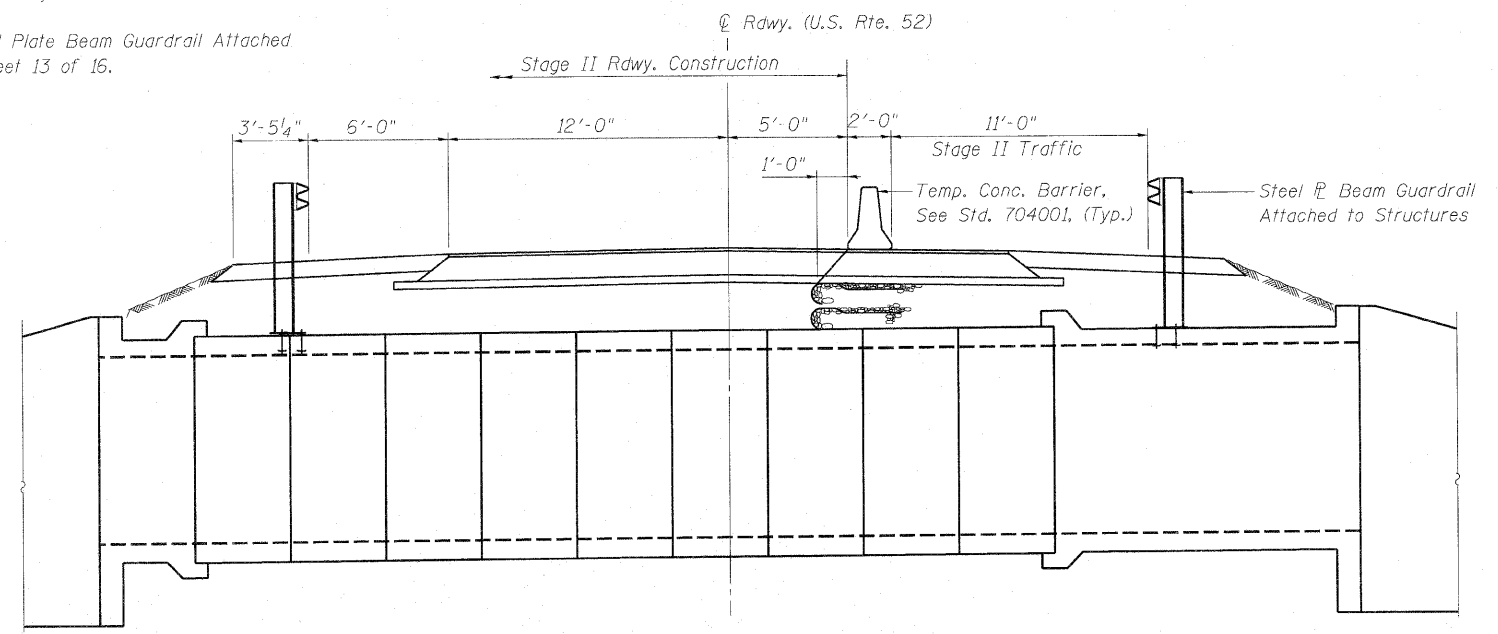
STAGE I REMOVAL



STAGE I CONSTRUCTION



STAGE II REMOVAL



STAGE II CONSTRUCTION

Notes:
Hatched areas indicate Removal of Existing Structures.
All dimensions are @ Rt. L's to C.Rdwy.
For stage construction of the Box Culvert see Sheet 4 of 16.
For quantity of Temporary Concrete Barrier see Roadway Plans.
For details of Temporary Concrete Barrier see Sheet 3 of 16.
For details of Steel Plate Beam Guardrail Attached to Structures see Sheet 13 of 16.

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STAGE CONSTRUCTION DETAILS
U.S. RTE. 52 OVER WEST AUX SABLE CREEK
F.A.P. 607 - SECTION 129BR
KENDALL COUNTY
STATION 108+07
STRUCTURE NO. 047-2019

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

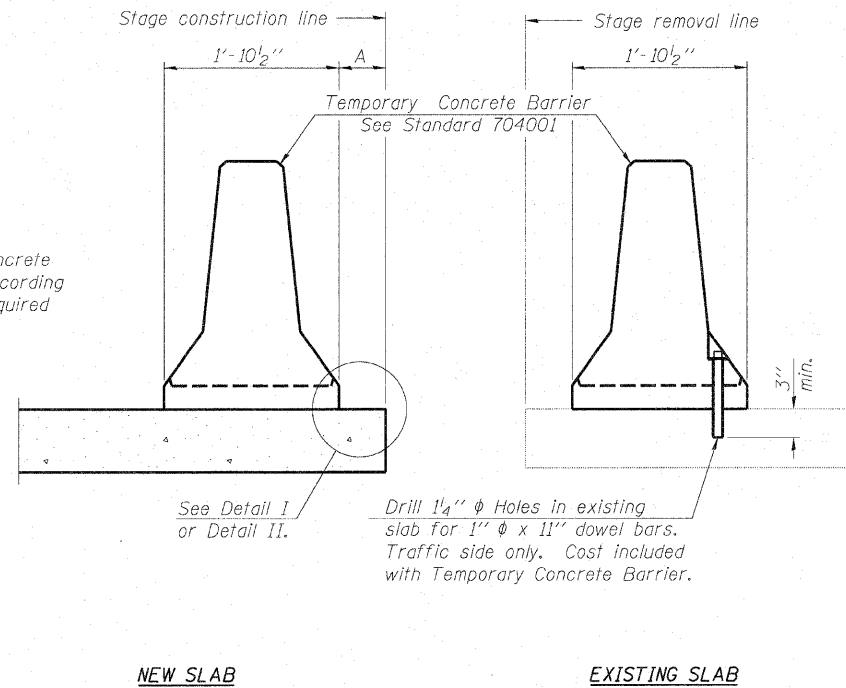
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FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT			

Contract #66667

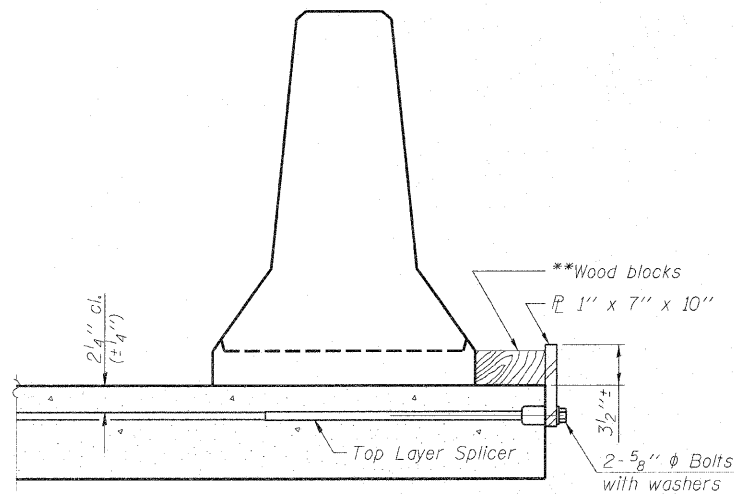
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Date: 10/30/2007

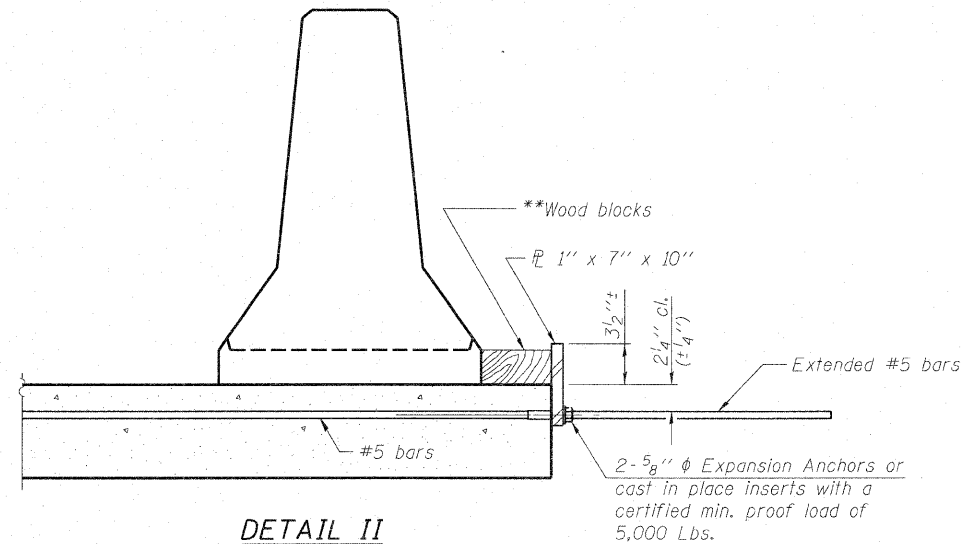
When "A" is 3'-6" or less, the temporary concrete barrier shall be anchored to the new slab according to Detail I or Detail II. No anchorage is required when "A" is greater than 3'-6".



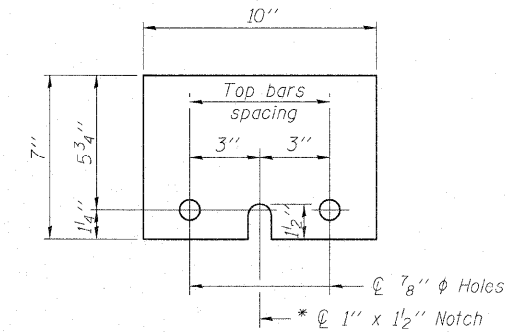
SECTIONS THRU SLAB



DETAIL I



DETAIL II



STEEL RETAINER 1" x 7" x 10"

* Required only with Detail II

- NOTES**
- Detail I - With Bar Splicer or Couplers: Connect one (1) 1"x7"x10" steel \bar{L} to the top layer of couplers with 2-5/8" ϕ bolts screwed to coupler at approximate \bar{C} of each barrier panel.
 - Detail II - With Extended Reinforcement Bars: Connect one (1) 1"x7"x10" steel \bar{L} to the concrete slab with 2-5/8" ϕ Expansion Anchors or cast in place inserts spaced between the top layer of reinforcement at approximate \bar{C} of each barrier panel.
- Cost of anchorage is included with Temporary Concrete Barrier. The 1" x 7" x 10" plate shall not be removed until stage II construction forms and all reinforcement bars are in place and the concrete is ready to be placed.

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

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DRAWN	D.L.H.
CHECKED	S.D.S./C.W.C.

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TEMPORARY CONCRETE BARRIER
U.S. RTE. 52 OVER WEST AUX SABLE CREEK
F.A.P. 607 - SECTION 129BR
KENDALL COUNTY
STATION 108+07
STRUCTURE NO. 047-2019

Operator: \$USER\$

Date: 10/30/2007

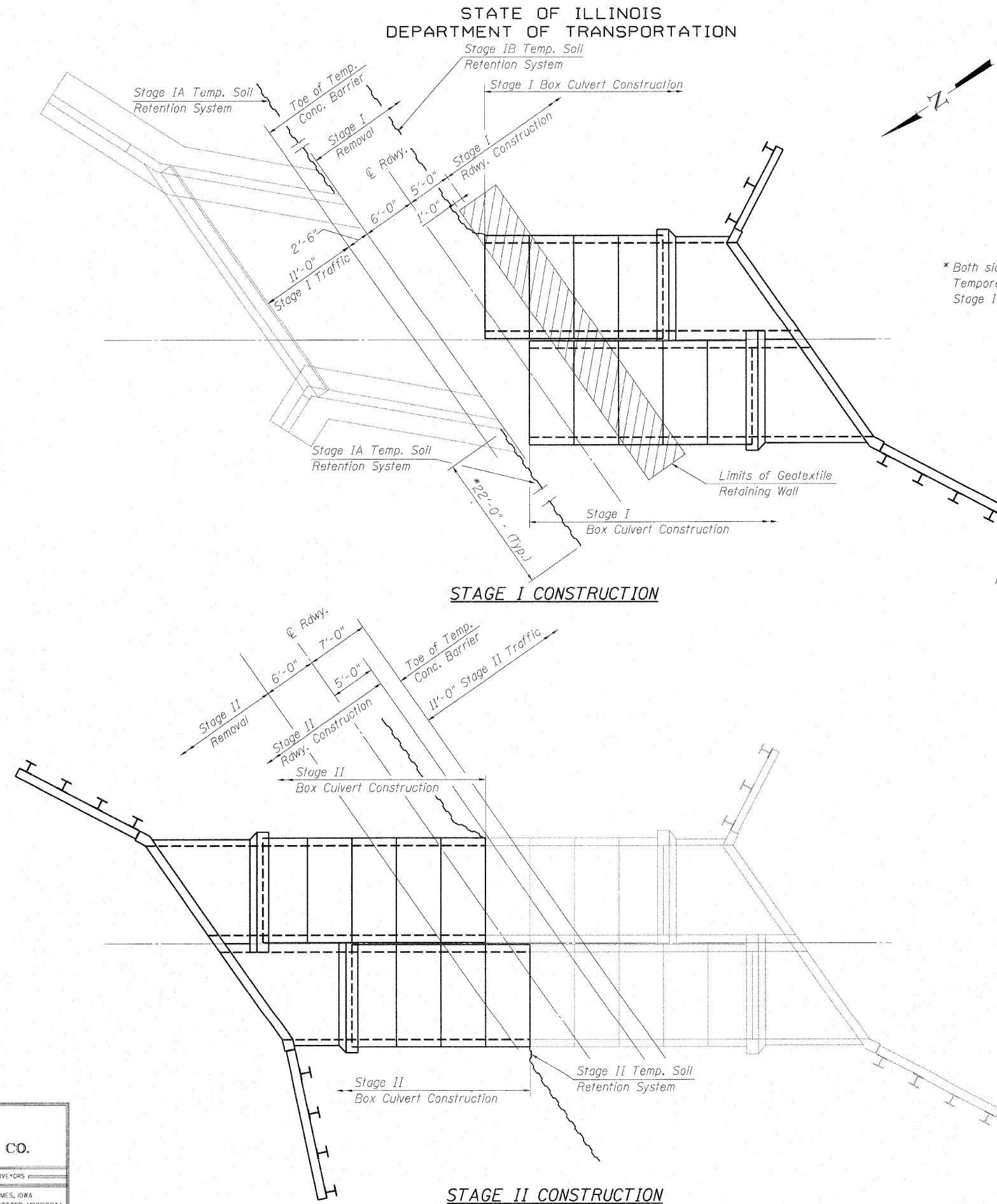
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	STATE SHEETS	SHEET NO.
F.A.P. 607	I29BR	KENDALL	61	19
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

SHEET NO. 4
16 SHEETS

Contract #66667



*Both sides of existing abutments for Stage IA Temporary Soil Retention System and Stage IB Temporary Soil Retention System.

Notes:
 A cantilevered sheet piling design does not appear feasible due to stiff soil conditions and additional members or other retention systems may be necessary. The Contractor shall submit a Temporary Soil Retention System design including plan details and calculations for review and acceptance by the Engineer.
 Stage IA Temporary Soil Retention System shall be installed prior to Stage I Removal. Stage IB Temporary Soil Retention System shall be installed after completion of Stage I Box Culvert Construction and prior to Stage II traffic.
 Temp. Soil Retention System Top Elev. 598.78
 The Limits of Geotextile Retaining Wall shall extend from Sta. 107+85 to Sta. 108+23. See Sheet 5 of 16 for details.

STAGE I CONSTRUCTION

STAGE II CONSTRUCTION

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DRAWN	D.L.H.
CHECKED	S.D.S./C.W.C.

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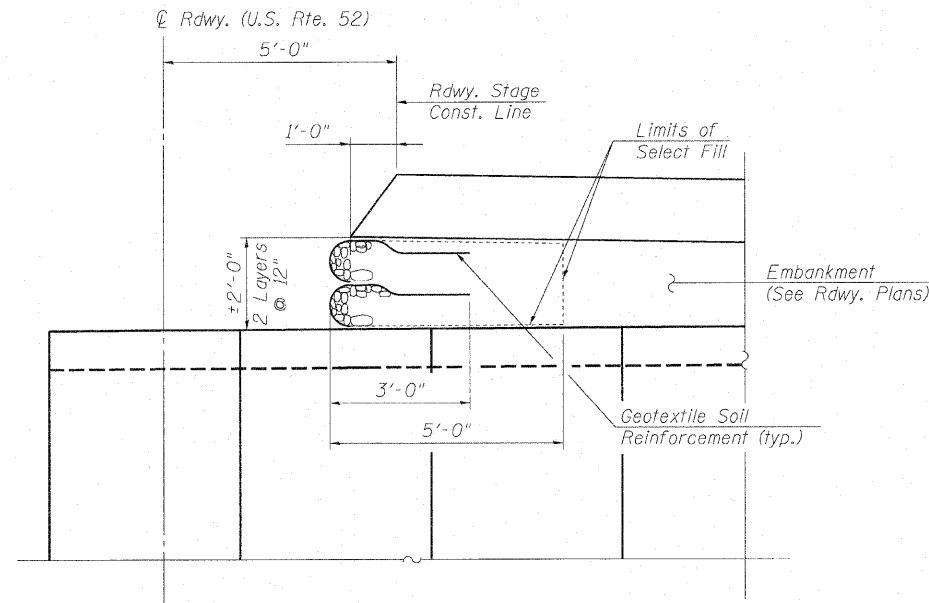
TEMPORARY SOIL RETENTION SYSTEM DETAILS
U.S. RTE. 52 OVER WEST AUX SABLE CREEK
F.A.P. 607 - SECTION I29BR
KENDALL COUNTY
STATION 108+07
STRUCTURE NO. 047-2019

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

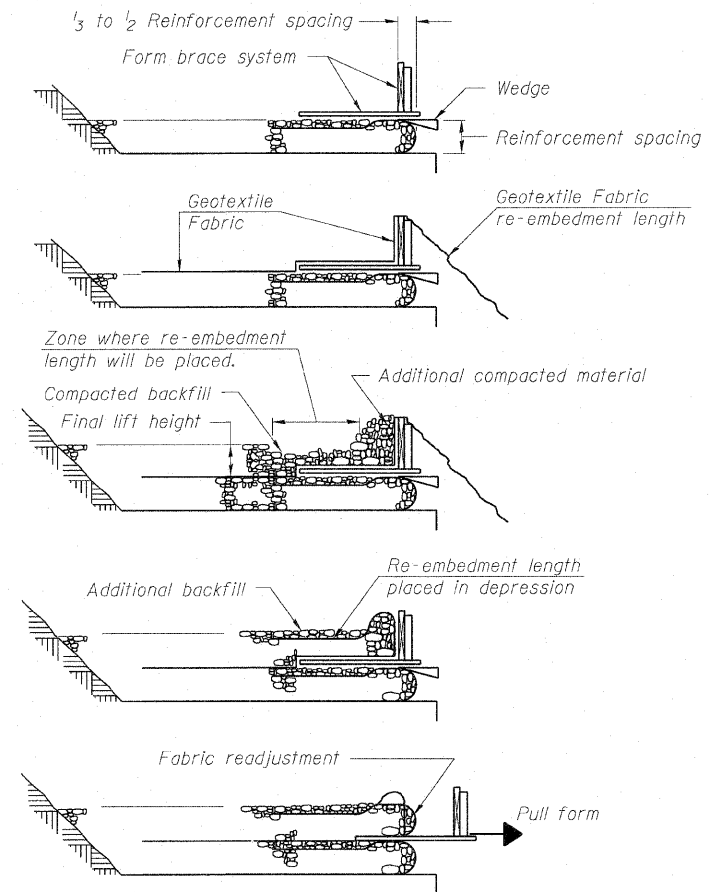
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F.A.P. 607	I29BR	KENDALL	61	20
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

SHEET NO. 5
16 SHEETS

Contract #66667



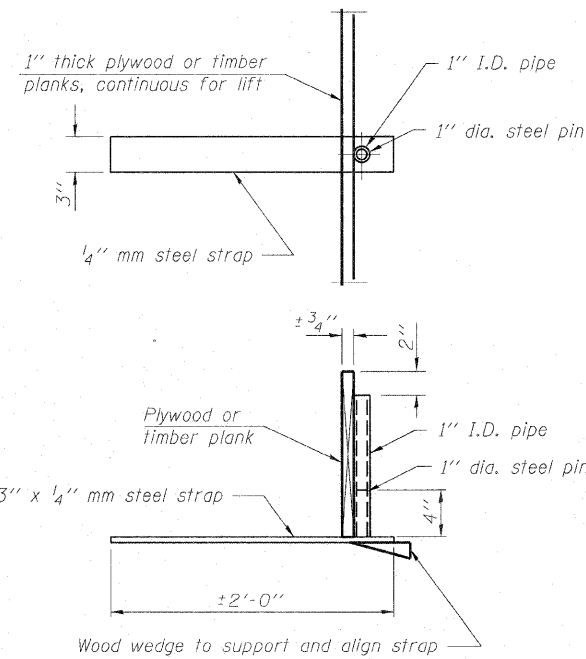
TYPICAL SECTION



1. Place form brace system on completed reinforcement level; back from the finished fabric face a distance of $\frac{1}{3}$ to $\frac{1}{2}$ the reinforcement spacing.
2. Position fabric so that the required re-embedment length extends over the top of the form brace and the design reinforcement width is placed with no slack against the previous level.
3. Compact backfill material in lifts to final lift height, create ($\pm 3''$) depression in zone where re-embedment length will be located and place additional height of compacted material against form brace.
4. Fold fabric re-embedment length back over form brace into zone where depression was made in backfill and place additional compacted backfill, ($\pm 3''$) to embed fabric and bring to final lift height.
5. Pull form brace outward allowing fabric face to slightly readjust to form tight round face and level with plan reinforcement spacing.

GEOTEXTILE WALL
CONSTRUCTION PROCEDURE

Notes: The geotextile fabric shall have a minimum allowable tensile strength (T min.) of 10 lb./in. as determined by the procedure stated in the Special Provisions. The computations supporting the determination of (T min.) shall be submitted to the engineer for approval.



Note: This is a suggested detail, the Contractor is responsible for the design of the form brace system to be used.

BILL OF MATERIAL

ITEM	UNIT	TOTAL
Geotextile Retaining Wall	Sq. Ft.	76

SUGGESTED GEOTEXTILE TEMPORARY
FORM BRACE SYSTEM DETAIL

GEOTEXTILE RETAINING WALL
U.S. RTE. 52 OVER WEST AUX SABLE CREEK
F.A.P. 607 - SECTION I29BR
KENDALL COUNTY
STATION 108+07
STRUCTURE NO. 047-2019

Operator: \$USERS\$

Date: 10/30/2007

Filename: \$FILES\$

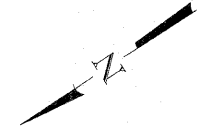
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DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	SHEET NO. 6 16 SHEETS
F.A.P. 607	129BR	KENDALL	61	21	
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT-			

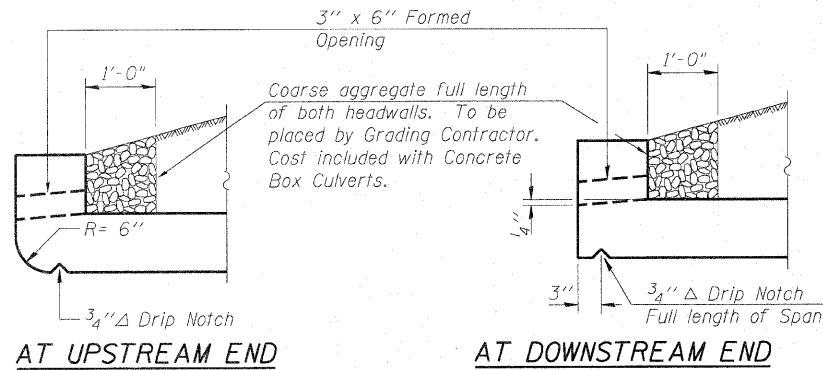
Contract #66667



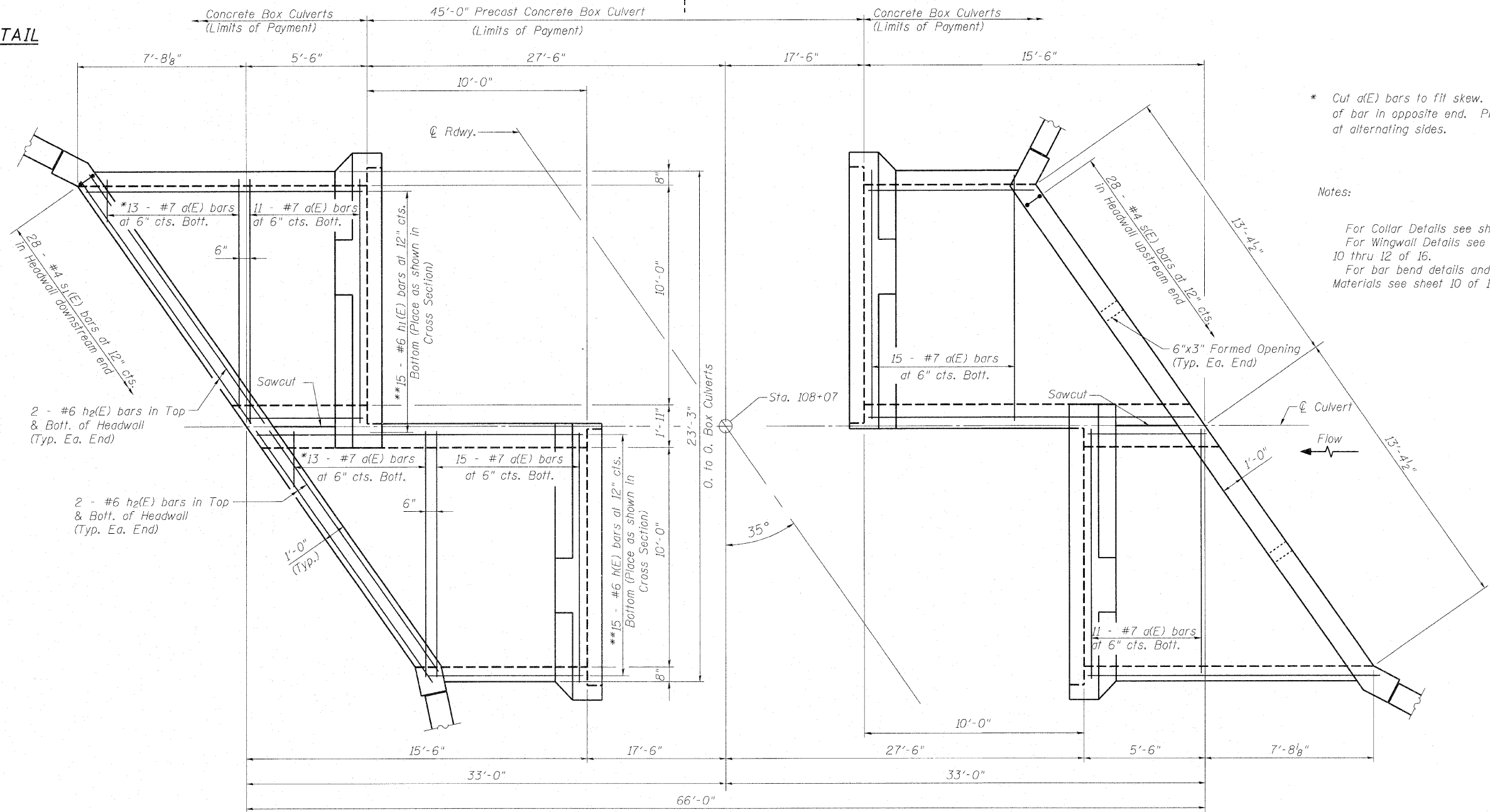
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Date: 10/30/2007

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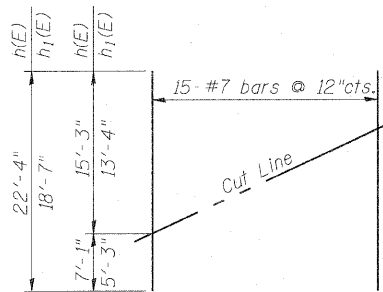
DRAIN DETAIL



* Cut a(E) bars to fit skew. Use balance of bar in opposite end. Place hooks at alternating sides.

Notes:

For Collar Details see sheet 9 of 16.
For Wingwall Details see sheets 10 thru 12 of 16.
For bar bend details and Bill of Materials see sheet 10 of 16.



**** FIELD CUTTING DIAGRAM**

Order h(E) and h₁(E) bars full length. Cut to fit and use remainder in opposite end.

PLAN TOP SLAB

BOX CULVERT END SECTION TOP SLAB DETAILS
U.S. RTE. 52 OVER WEST AUX SABLE CREEK
F.A.P. 607 - SECTION 129BR
KENDALL COUNTY
STATION 108+07
STRUCTURE NO. 047-2019

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CHECKED	C.W.C.
DRAWN	D.L.H.
CHECKED	S.D.S./C.W.C.

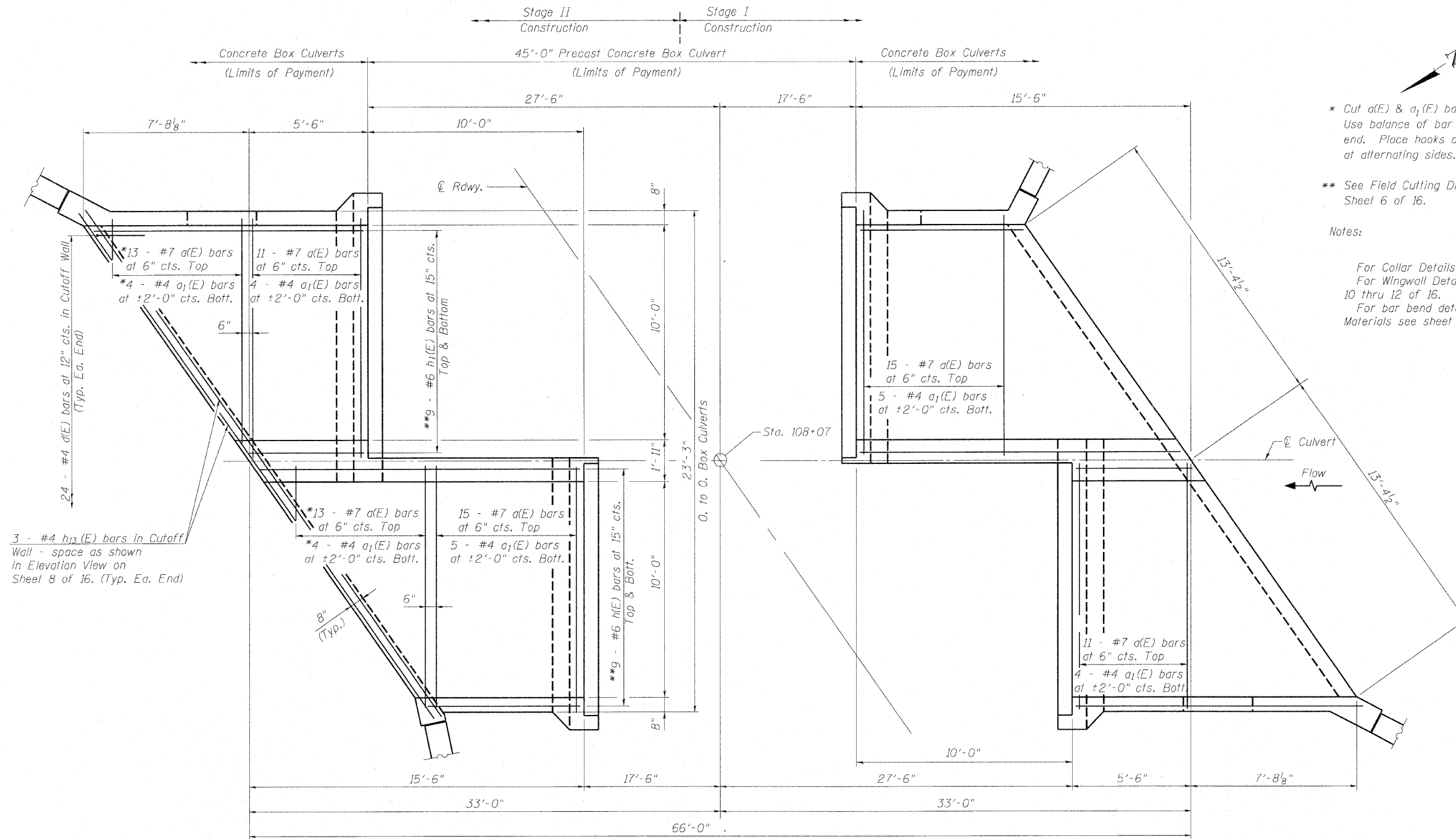
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.P. 607	I29BR	KENDALL	61	22
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

SHEET NO. 7
16 SHEETS

Contract #66567



* Cut a(E) & a₁(E) bars to fit skew.
Use balance of bar in opposite
end. Place hooks of a(E) bars
at alternating sides.

** See Field Cutting Diagram on
Sheet 6 of 16.

Notes:

For Collar Details see Sheet 9 of 16.
For Wingwall Details see sheets
10 thru 12 of 16.
For bar bend details and Bill of
Materials see sheet 10 of 16.

PLAN BOTTOM SLAB

BOX CULVERT END SECTION BOTTOM SLAB DETAILS
U.S. RTE. 52 OVER WEST AUX SABLE CREEK
F.A.P. 607 - SECTION I29BR
KENDALL COUNTY
STATION 108+07
STRUCTURE NO. 047-2019

Operator: \$USERS\$

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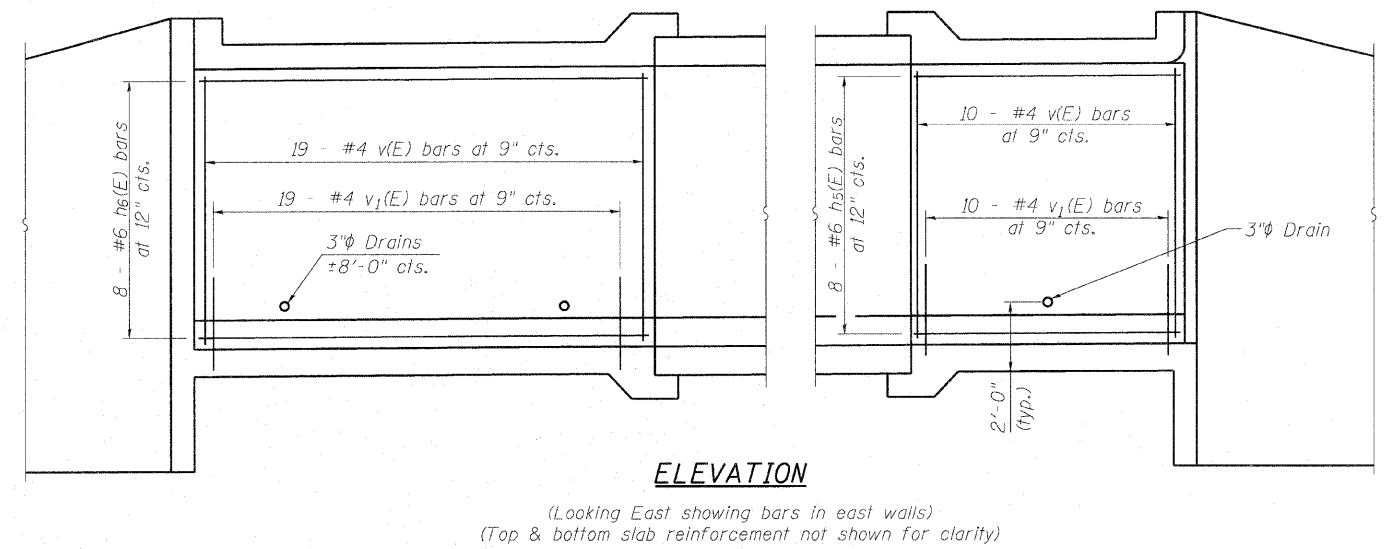
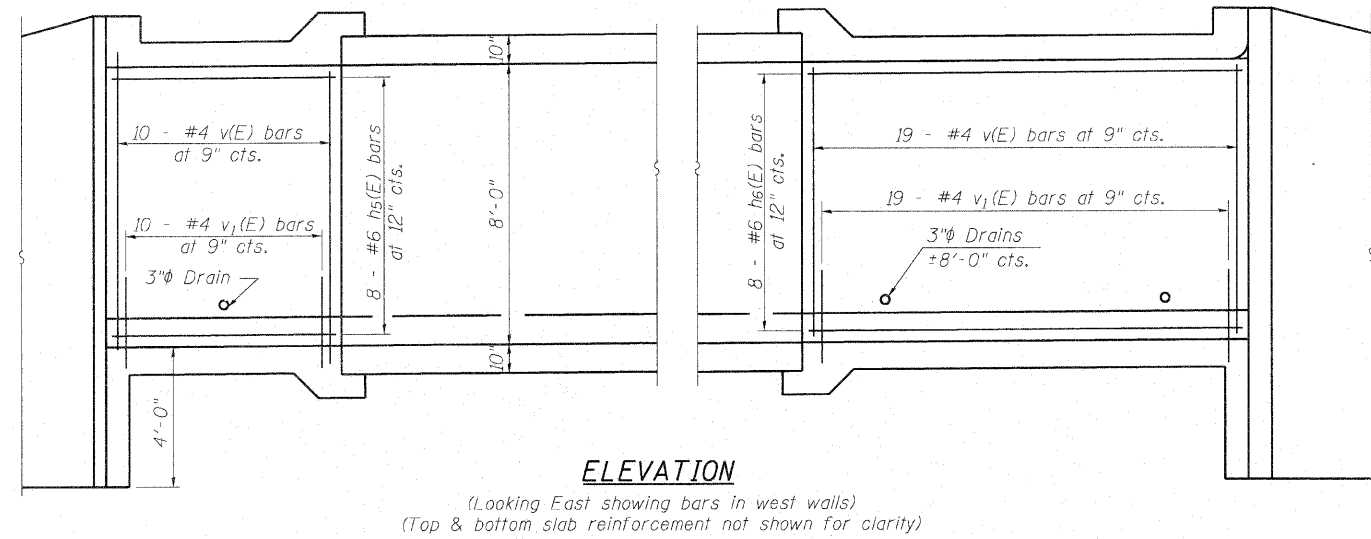
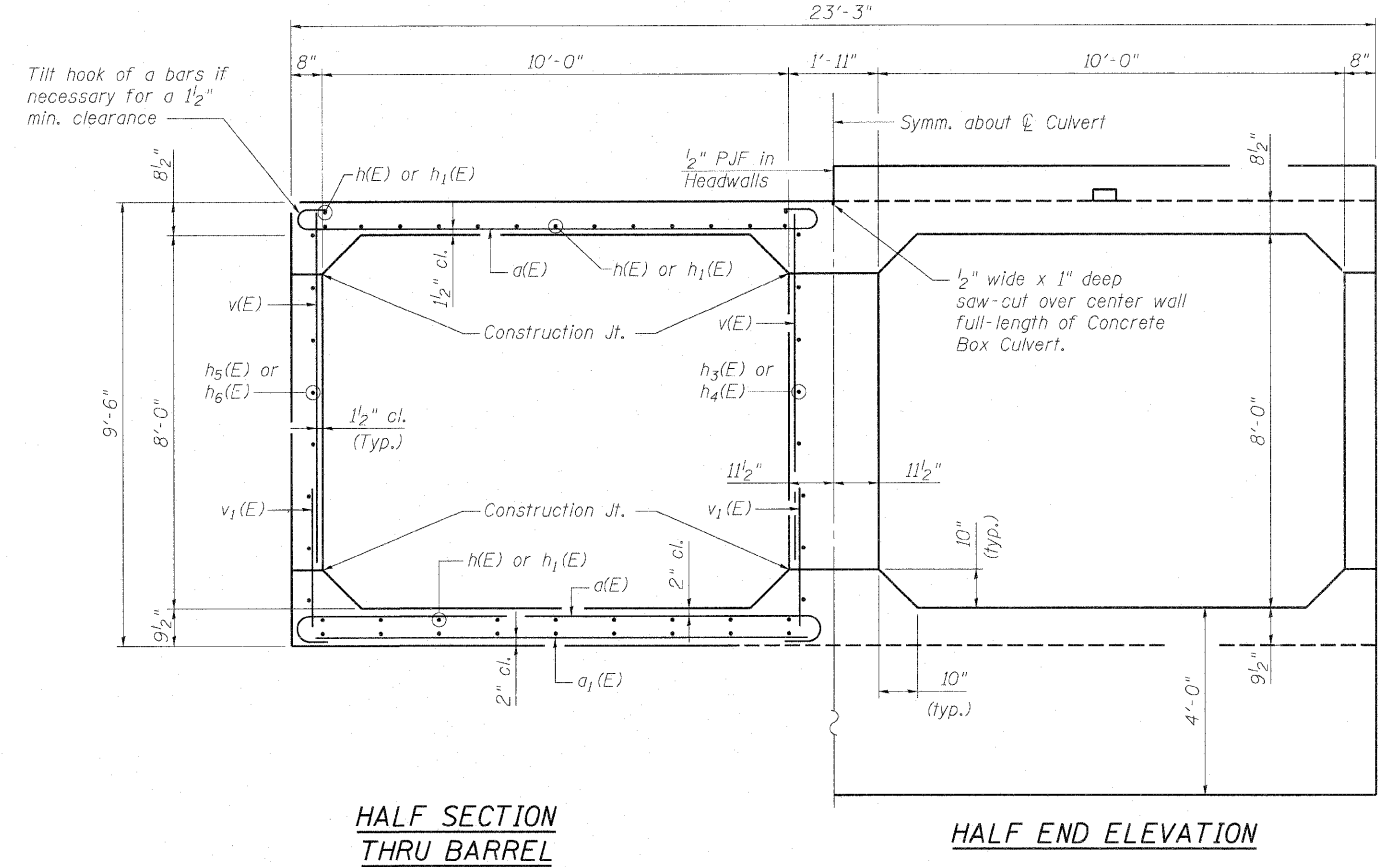
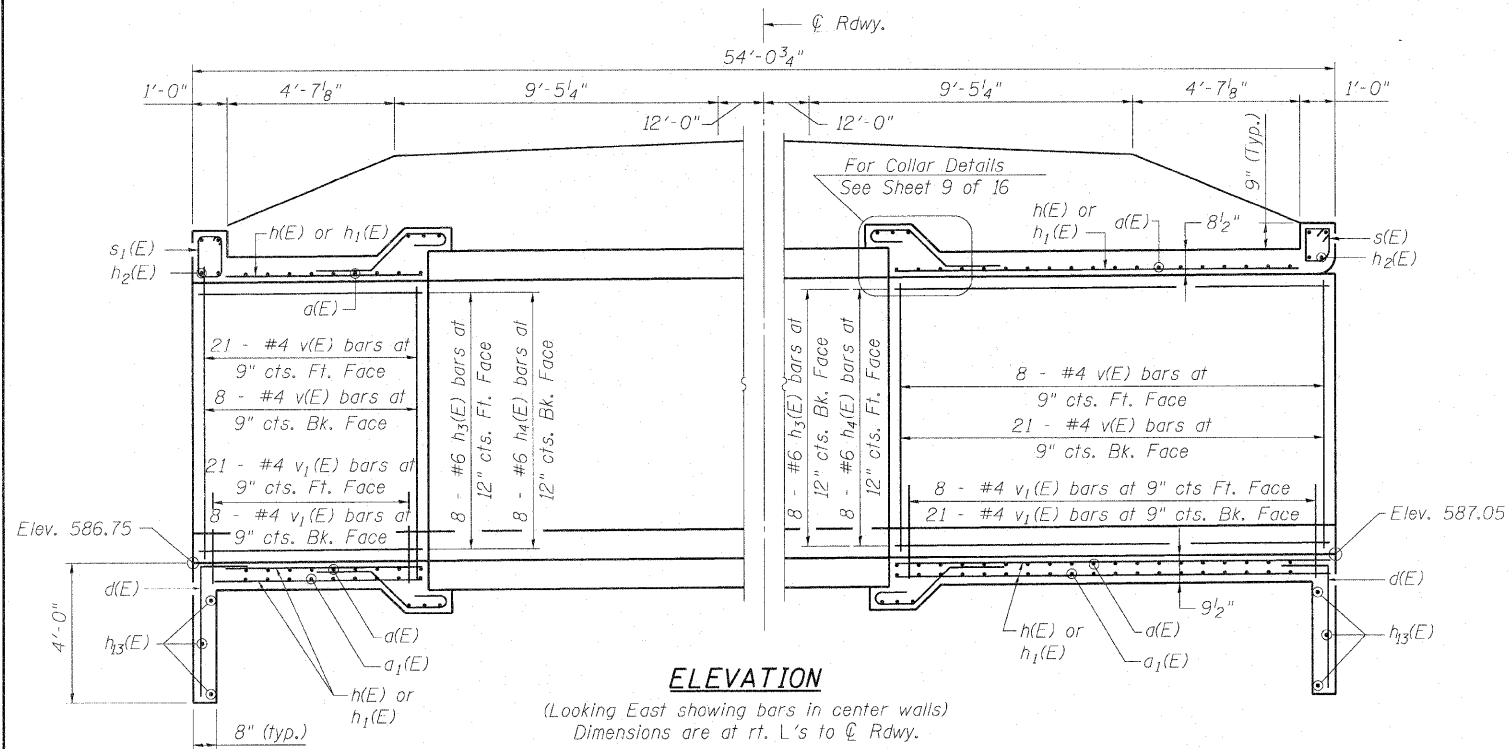
STATE OF ILLINOIS
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ROUTE NO.	SECTION	COUNTY	SHEETS	SHEET	SHEET NO.
F.A.P. 607	129BR	KENDALL	61	23	16 SHEETS
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT-			

Contract #66667

Operator: \$USERS\$

Date: 10/30/2007



Notes:
For Collar Details see sheet 9 of 16.
For Wingwall Details see sheets 10 thru 12 of 16.
For bar bend details and Bill of Materials, see sheet 10 of 16.

BOX CULVERT END SECTION DETAILS
U.S. RTE. 52 OVER WEST AUX SABLE CREEK
F.A.P. 607 - SECTION 129BR
KENDALL COUNTY
STATION 108+07
STRUCTURE NO. 047-2019

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

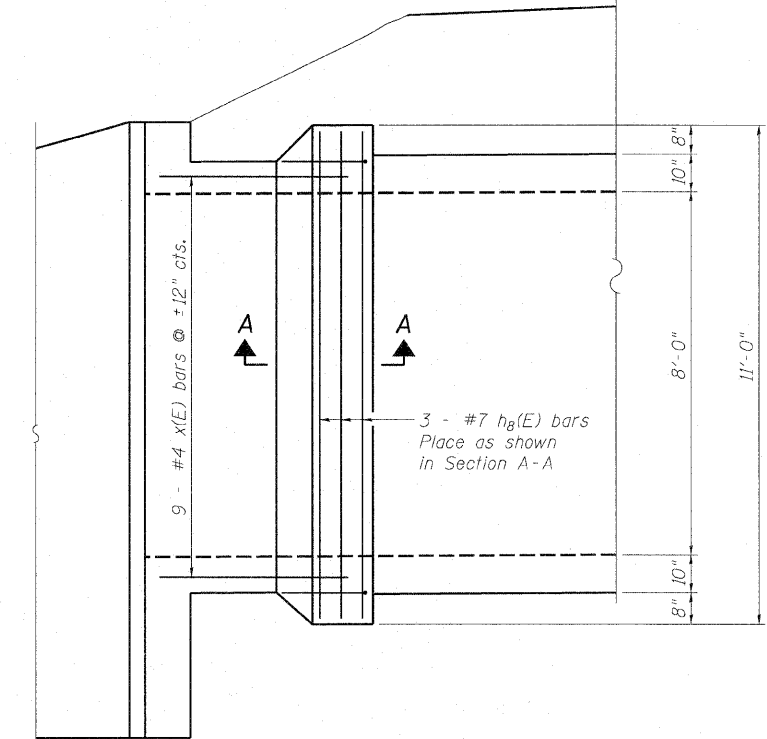
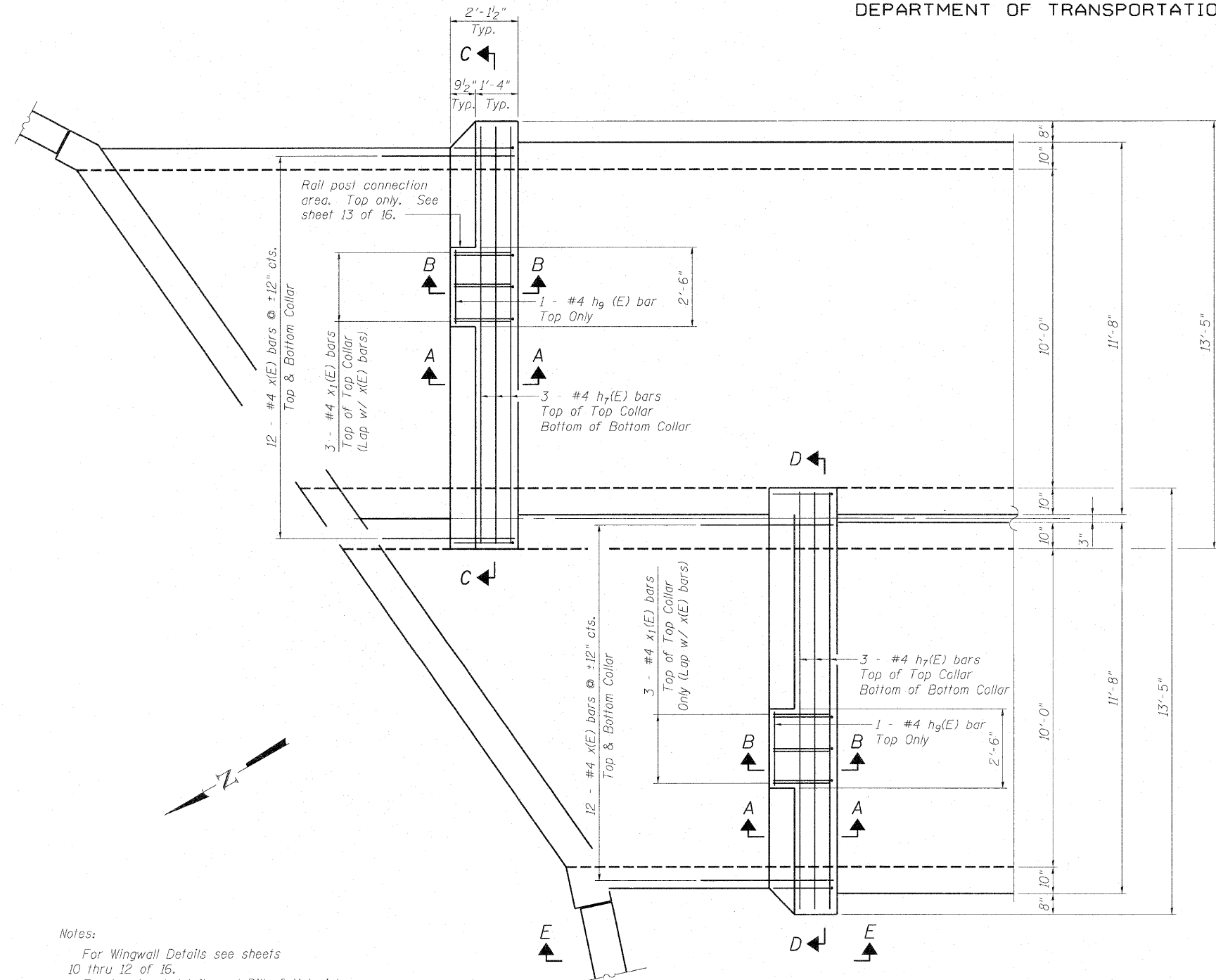
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SHEET NO. 9
16 SHEETS

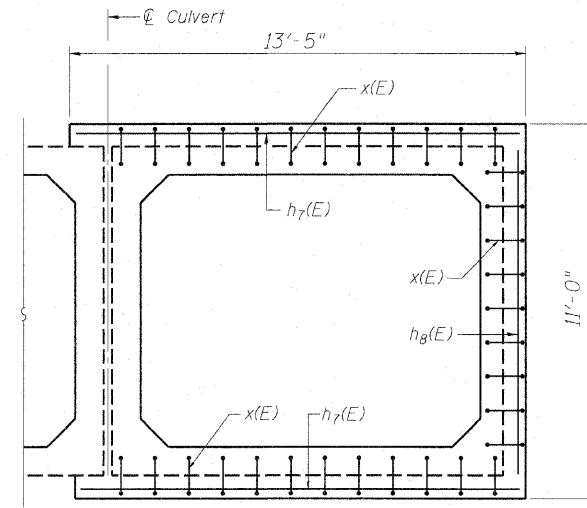
Contract #66667

Operator: \$USER\$

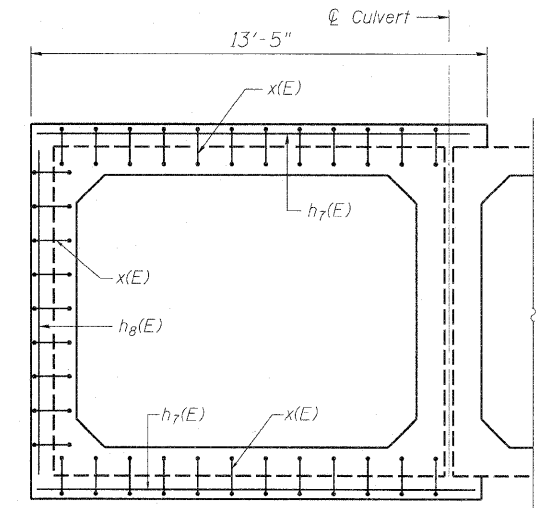
Date: 10/30/2007



VIEW E-E
(W. Collar Shown, East Collar Similar)



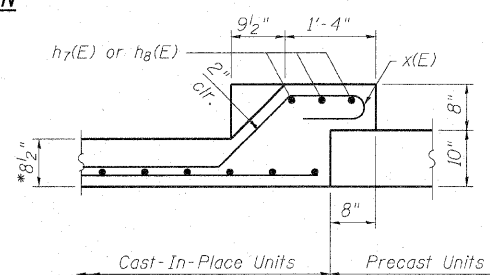
SECTION C-C



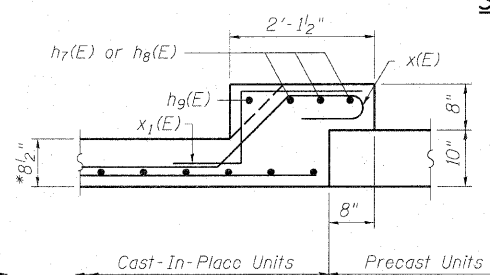
SECTION D-D

Notes:
For Wingwall Details see sheets 10 thru 12 of 16.
For bar bend details and Bill of Materials, see sheet 10 of 16.
Collar details are shown for north end. Collars at south end are similar through rotation of 180°.

PLAN



SECTION A-A



SECTION B-B

* 8" ∅ Walls
9 1/2" ∅ Bottom Slab

DESIGNED	S.D.S.
CHECKED	C.W.C.
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MASON CITY, IOWA DUBUQUE, IOWA AMES, IOWA
E. DUBUQUE, ILLINOIS SPRINGFIELD, ILLINOIS ROCHESTER, MINNESOTA

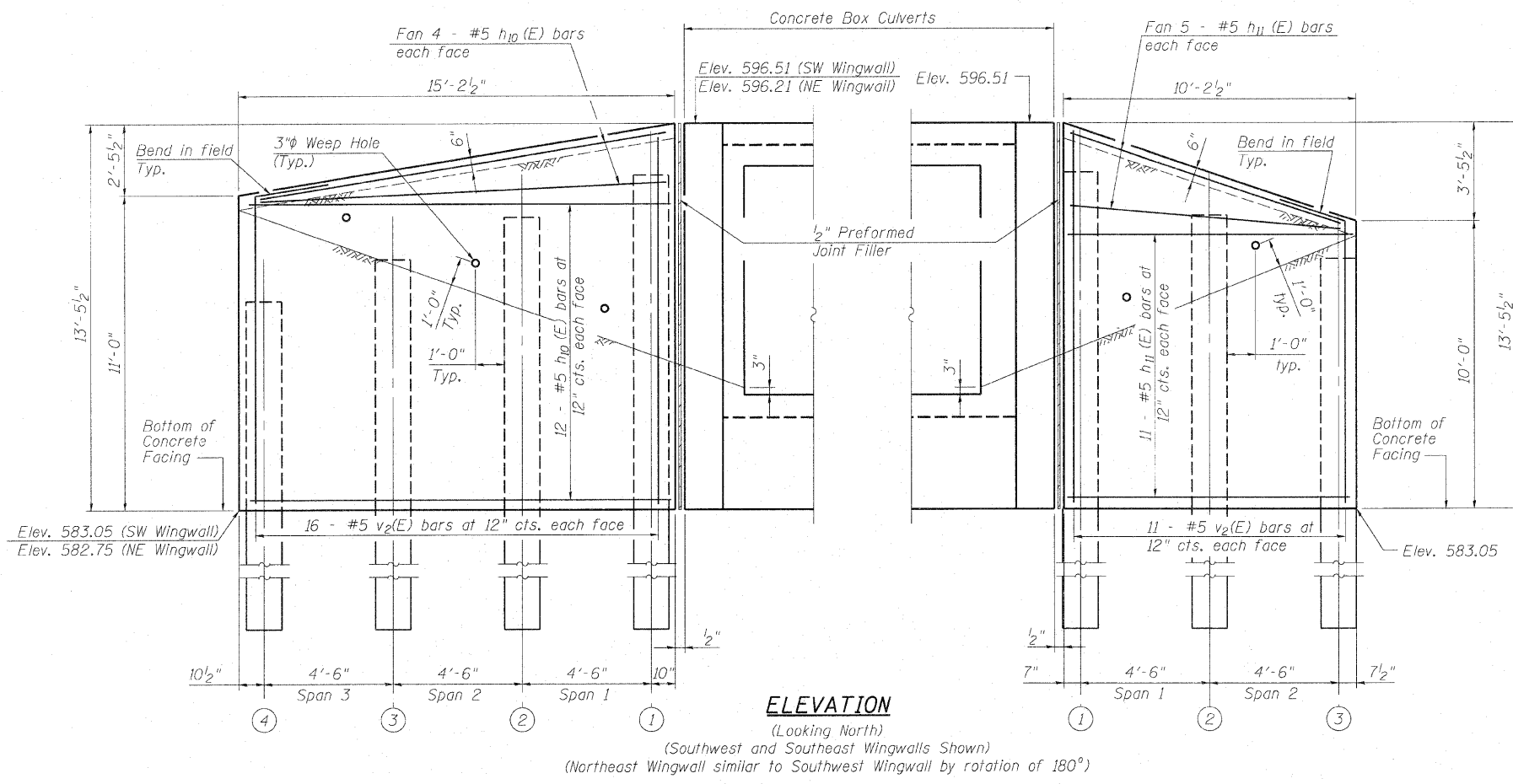
COLLAR PLAN & DETAILS
U.S. RTE. 52 OVER WEST AUX SABLE CREEK
F.A.P. 607 - SECTION I29BR
KENDALL COUNTY
STATION 108+07
STRUCTURE NO. 047-2019

Filename: \$FILES\$

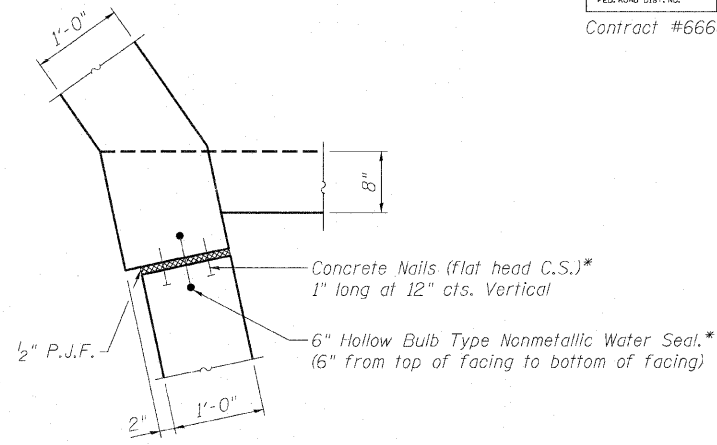
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	SHEET NO. 10 16 SHEETS
F.A.P. 607	I29BR	KENDALL	61	25	
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT			

Contract #66667



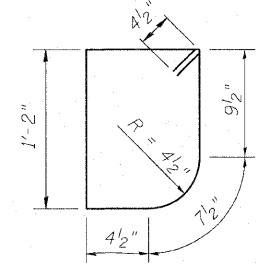
ELEVATION
(Looking North)
(Southwest and Southeast Wingwalls Shown)
(Northeast Wingwall similar to Southwest Wingwall by rotation of 180°)



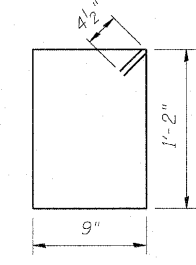
CORNER DETAIL AT ALL WINGWALLS
* Cost included with Concrete Structures.

BILL OF MATERIAL

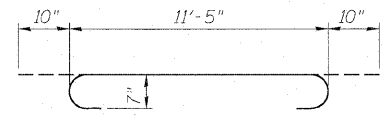
Bar	No.	Size	Length	Shape
a(E)	156	#7	13'-1"	U
a ₁ (E)	26	#4	11'-2"	U
d(E)	48	#4	5'-6"	L
h(E)	33	#6	22'-4"	—
h ₁ (E)	33	#6	18'-7"	—
h ₂ (E)	16	#6	14'-2"	—
h ₃ (E)	16	#6	5'-3"	—
h ₄ (E)	16	#6	15'-3"	—
h ₅ (E)	16	#6	7'-1"	—
h ₆ (E)	16	#6	13'-4"	—
h ₇ (E)	24	#4	13'-2"	—
h ₈ (E)	12	#4	10'-9"	—
h ₉ (E)	4	#4	2'-3"	—
h ₁₀ (E)	64	#5	14'-11"	—
h ₁₁ (E)	32	#5	9'-11"	—
h ₁₂ (E)	32	#5	16'-9"	—
h ₁₃ (E)	6	#4	28'-4"	—
s(E)	28	#4	4'-6"	□
s ₁ (E)	28	#4	4'-7"	□
v(E)	116	#4	7'-9"	—
v ₁ (E)	116	#4	3'-2"	—
v ₂ (E)	124	#5	13'-2"	—
x(E)	132	#4	5'-1"	—
x ₁ (E)	12	#4	4'-1"	—
Concrete Structures		Cu. Yd.	26.2	
Concrete Box Culverts		Cu. Yd.	64.8	
Reinforcement Bars, Epoxy Coated		Pound	13,400	



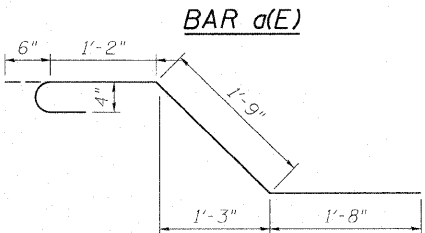
BAR s(E)
(Upstream)



BAR s₁(E)
(Downstream)



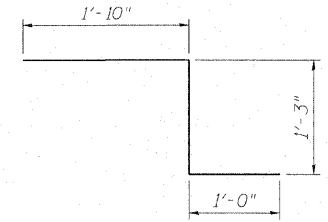
BAR d(E)



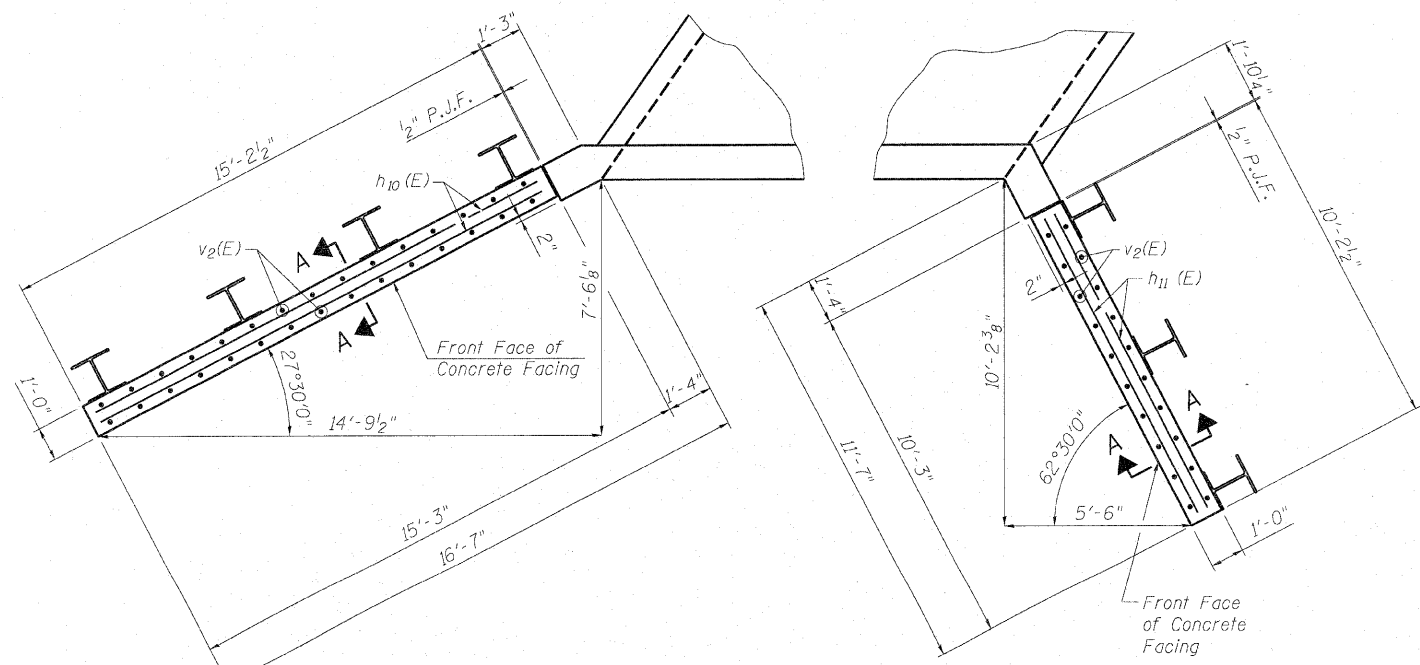
BAR a(E)



BAR x(E)



BAR x₁(E)



PLAN

Notes:
For Northwest Wingwall details see sheet 11 of 16.
Concrete facing for soldier pile wingwalls is paid for as "Concrete Structures".
The embankment material shall be placed against the rear face of the timber lagging prior to placement of the concrete facing.
For Section A-A, see sheet 12 of 16.

SOLDIER PILE WINGWALL PLAN & DETAILS
U.S. RTE. 52 OVER WEST AUX SABLE CREEK
F.A.P. 607 - SECTION I29BR
KENDALL COUNTY
STATION 108+07
STRUCTURE NO. 047-2019

Operator: \$USERS\$

Date: 10/30/2007

Filename: \$FILES\$

DESIGNED	S.D.S.
CHECKED	C.W.C.
DRAWN	D.L.H.
CHECKED	S.D.S./C.W.C.

WHKS & CO.
ENGINEERS PLANNERS LAND SURVEYORS
MASON CITY, IOWA DUBUQUE, IOWA AMES, IOWA
E. DUBUQUE, ILLINOIS SPRINGFIELD, ILLINOIS ROCHESTER, MINNESOTA

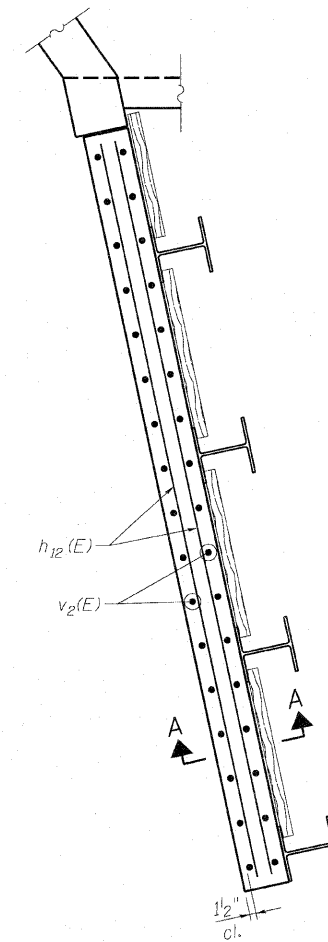
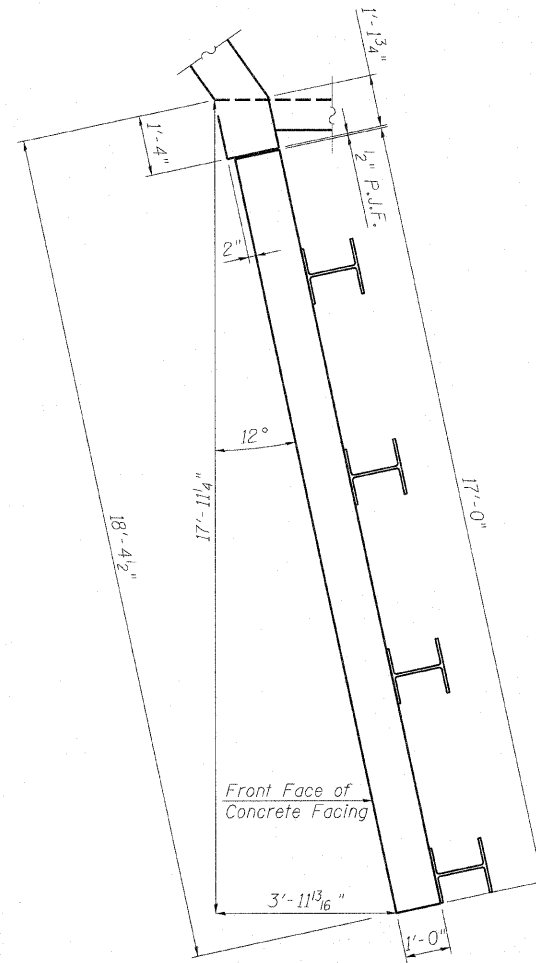
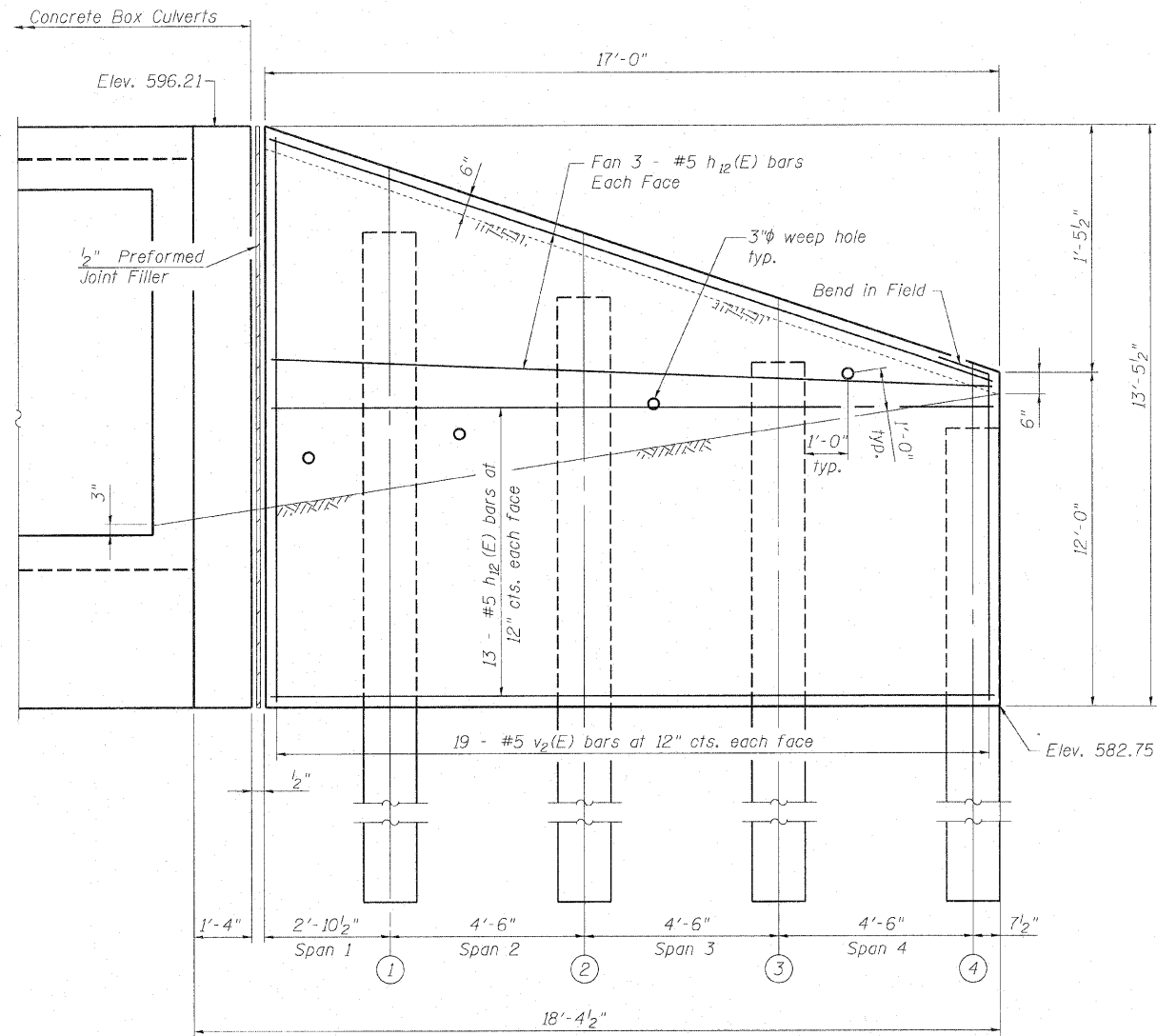
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	SHEET NO.
F.A.P. 607	129BR	KENDALL	61	26	16 SHEETS
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT			

Contract #66667

Operator: \$USERS\$

Date: 10/30/2007



Filename: \$FILES\$

DESIGNED	S.D.S.
CHECKED	C.W.C.
DRAWN	D.L.H.
CHECKED	S.D.S./C.W.C.

WHKS & CO.

ENGINEERS PLANNERS LAND SURVEYORS

MASON CITY, IOWA DUBUQUE, IOWA AMES, IOWA
E. DUBUQUE, ILLINOIS SPRINGFIELD, ILLINOIS ROCHESTER, MINNESOTA

Notes:

Concrete facing for soldier pile wingwalls is paid for as "Concrete Structures".
The embankment material shall be placed against the rear face of the timber lagging prior to placement of the concrete facing.
For Section A-A, see sheet 12 of 16.

NORTHWEST SOLDIER PILE WINGWALL DETAILS
U.S. RTE. 52 OVER WEST AUX SABLE CREEK
F.A.P. 607 - SECTION 129BR
KENDALL COUNTY
STATION 108+07
STRUCTURE NO. 047-2019

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

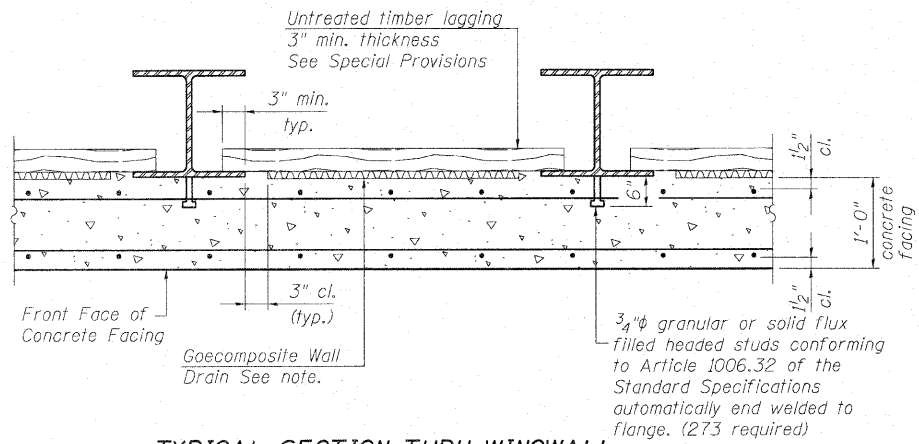
ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	SHEET NO.
F.A.P. 607	129BR	KENDALL	61	27	16 SHEETS
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT			

Contract #66667

Operator: \$USER\$

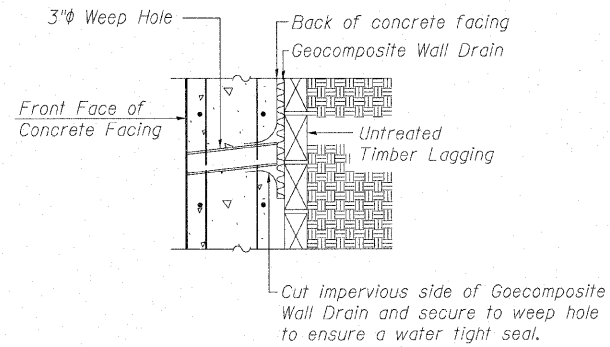
Date: 10/30/2007

Filename: \$FILES



TYPICAL SECTION THRU WINGWALL

Note:
Geocomposite Wall Drain shall not have a thickness greater than 5/8".



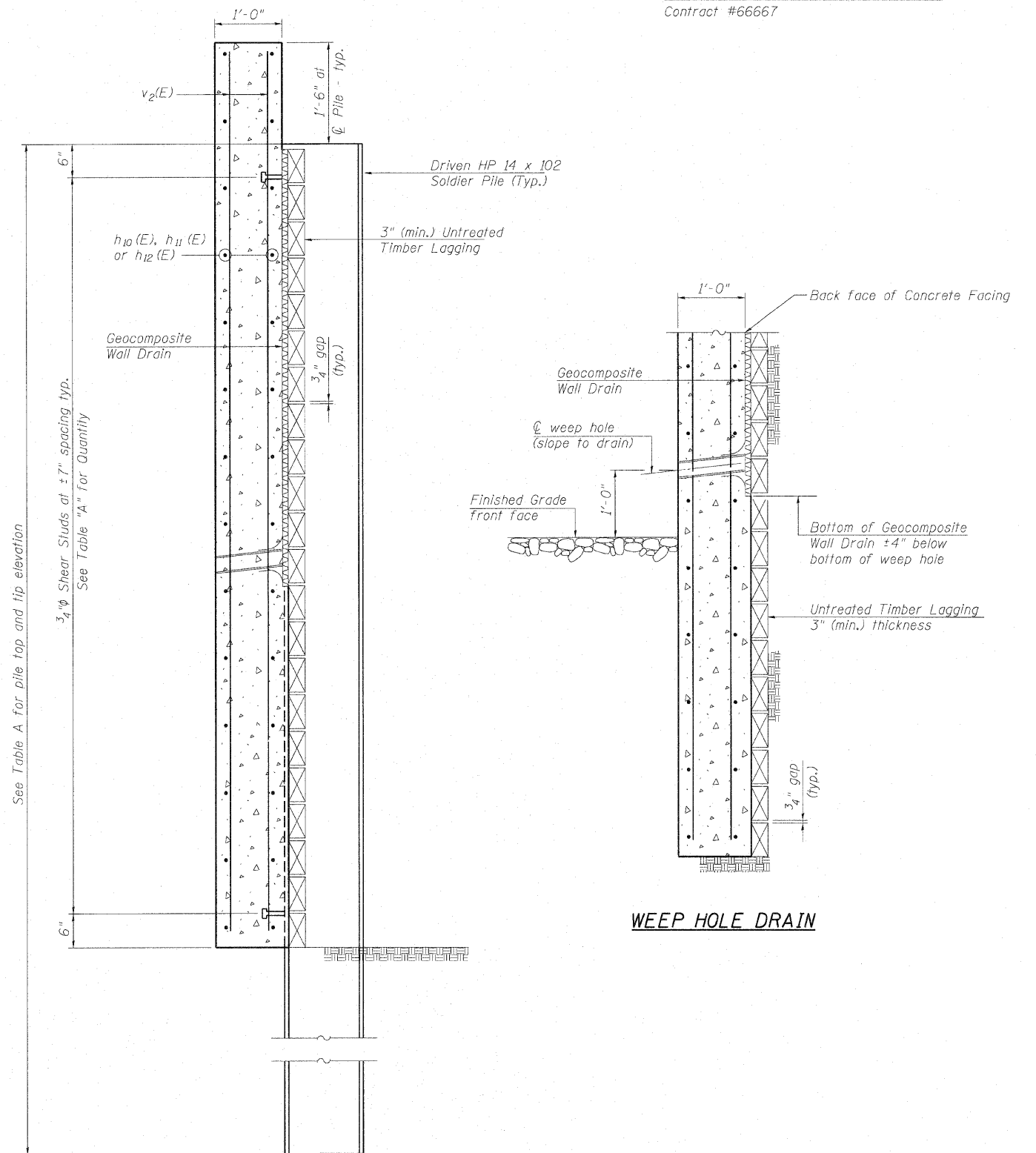
WEEP HOLE DRAIN DETAIL

Cost of the weep hole drain and the connection to the geocomposite wall drain are included with Concrete Structures.

Pile #	S.W. and N.E. Wingwall Soldier Piles				S.E. Wingwall Soldier Piles				N.W. Wingwall Soldier Piles			
	Top Elev.	Tip Elev.	*Length (ft.)	# Studs /Pile	Top Elev.	Tip Elev.	*Length (ft.)	# Studs /Pile	Top Elev.	Tip Elev.	*Length (ft.)	# Studs /Pile
1	594.6	562.7	32.0	20	594.8	563.1	32.0	19	594.5	562.7	32.0	20
2	593.9	562.7	31.5	19	593.3	563.1	30.5	17	594.1	562.7	31.5	19
3	593.2	562.7	30.5	18	591.8	563.1	29.0	15	593.7	562.7	31.0	18
4	592.5	562.7	30.0	17	-	-	-	-	593.3	562.7	30.5	17

TABLE A

* The length of HP14x102 have been rounded to the nearest 6".



SECTION A-A

WEEP HOLE DRAIN

DESIGNED	S.D.S.
CHECKED	C.W.C.
DRAWN	D.L.H.
CHECKED	S.D.S./C.W.C.

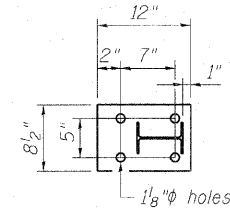
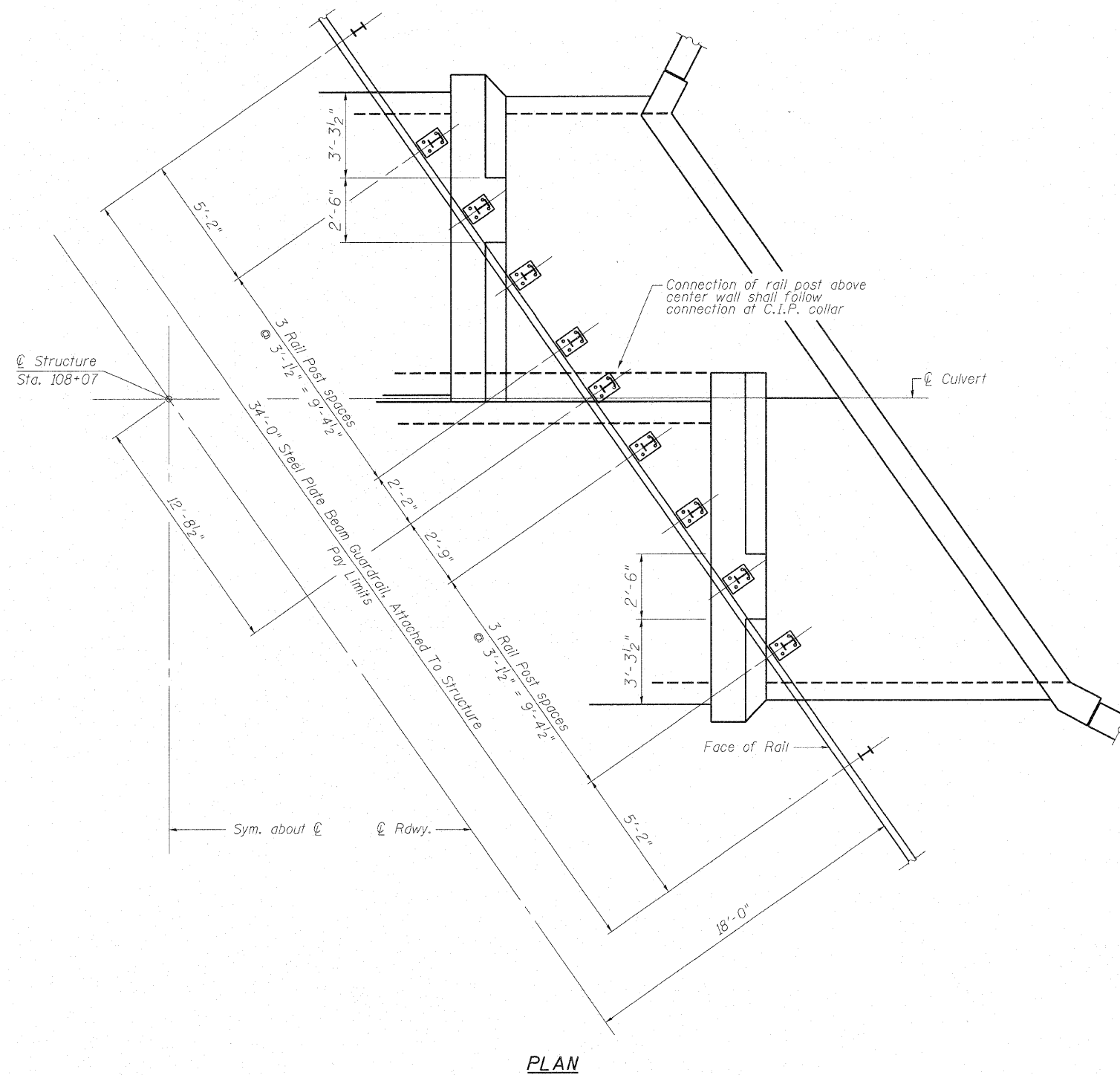
WHKS & CO.
ENGINEERS PLANNERS LAND SURVEYORS
MASON CITY, IOWA DUBUQUE, IOWA AMES, IOWA
E. DUBUQUE, ILLINOIS SPRINGFIELD, ILLINOIS ROCHESTER, MINNESOTA

SOLDIER PILE WINGWALL DETAILS
U.S. RTE. 52 OVER WEST AUX SABLE CREEK
F.A.P. 607 - SECTION 129BR
KENDALL COUNTY
STATION 108+07
STRUCTURE NO. 047-2019

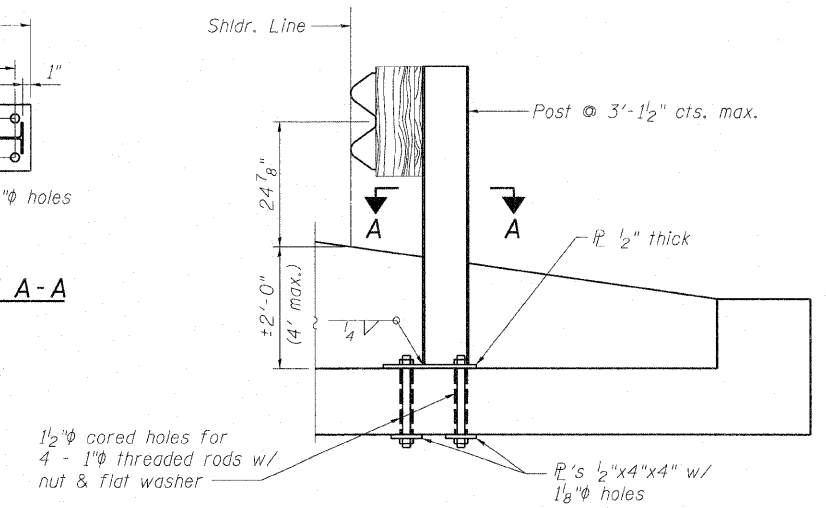
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.P. 607	I29BR	KENDALL	61	28
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

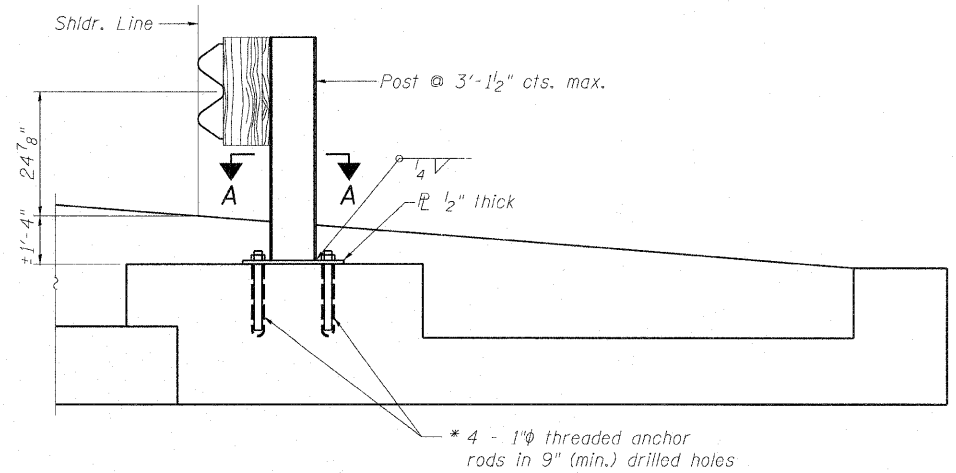
Contract #66667



SECTION A-A



SECTION THRU BARREL



SECTION THRU CAST-IN-PLACE COLLAR

Connection above Center Wall similar

* The contractor shall use the capsule or the adhesive cartridge type anchor rods that have been previously tested and given a prior approval by the Department. The contractor shall install these anchor rods in pre-drilled holes according to the manufacturer's recommendations and procedures. The capsule or adhesive cartridge shall be sealed with pre-measured amounts of the adhesive chemical. Rail posts for Steel Plate Beam Guardrail on culvert shall be spaced as shown. Cost included with "Steel Plate Beam Guardrail Attached To Structures".

RAIL POST SPACING & DETAILS
U.S. RTE. 52 OVER WEST AUX SABLE CREEK
F.A.P. 607 - SECTION I29BR
KENDALL COUNTY
STATION 108+07
STRUCTURE NO. 047-2019

Operator: \$USERS\$

Date: 10/30/2007

Filename: \$FILES\$

DESIGNED	S.D.S.
CHECKED	C.W.C.
DRAWN	D.L.H.
CHECKED	S.D.S./C.W.C.

WHKS & CO.

ENGINEERS PLANNERS LAND SURVEYORS

MASON CITY, IOWA DUBUQUE, IOWA AMES, IOWA
E. DUBUQUE, ILLINOIS SPRINGFIELD, ILLINOIS ROCHESTER, MINNESOTA

Operator: \$USER\$

Date: 10/30/2007

Filename: \$FILES


STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.P. 607	I29BR	KENDALL	61	29
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

SHEET NO. 14
16 SHEETS

Contract #66667

Page 1 of 2



SOIL BORING LOG

Date 8/405

Illinois Department of Transportation
Division of Highways
Illinois Department of Transportation

ROUTE US 52 DESCRIPTION _____ LOGGED BY LM-IDOT

SECTION 129BR LOCATION S 12, SEC. 14, TWP. 35N, RNG. 7E, 3rd PM

COUNTY Kendall DRILLING METHOD Hollow Stem Auger HAMMER TYPE Automatic

STRUCT. NO.	Station	D E P T H	B L O W S	U C S Qu	M O I S T	Description	D E P T H	B L O W S	U C S Qu	M O I S T	
047-0016	108+19					Surface Water Elev. 587.43 ft Stream Bed Elev. _____					
BORING NO.	Station	Offset	Ground Surface Elev.			Groundwater Elev.: First Encounter _____ ft Upon Completion 579.6 ft ∇ After _____ Hrs. _____ ft					
2	108+50	14.50ft Rt	598.07	(ft)	(6")	(tsf)	(%)	(ft)	(6")	(tsf)	(%)
		596.07				Augered white shoulder stone & Brown Silty Clay Loam Fill		9	4.0	16.6	
		589.07				Stiff Brown/Gray Silty Clay/Silty Clay Loam Fill		17	P		
		586.07				Medium Gray Silty Clay Loam (Fill?)		25	>4.5	16.2	
		584.07				Very Stiff Brown Silty Clay Loam Till		23	P		
		581.57				Hard Gray Silty Clay Till		5			
		578.57				Very Stiff Gray Silty Clay w/Fine Pockets of Silty & Clay		16	>4.5	18.1	
		566.57				Hard Brown Clay w/layers Silty Clay		17	4.1	16.5	
		559.07				Hard Brown/Gray Silty Clay w/Layers/Pockets of Silt(somewhat Varved @ 35')		23	S		
		557.07				Very Dense Gray Fine Sand/Coarse Gravel, Cobble Size 100/3"		5			9.1
		555.07				Potential (continued)		6	5.8	19.9	
		553.07				End of Boring		19	S		
		551.07						5			
		549.07						16	4.3	17.7	
		547.07						18	S		
		545.07						8	4.5	19.2	
		543.07						10	P		
		541.07						5			
		539.07						9	4.5	19.2	
		537.07						10	P		
		535.07						5			
		533.07						9	4.5	19.2	
		531.07						10	P		
		529.07						5			
		527.07						9	4.5	19.2	
		525.07						10	P		
		523.07						5			
		521.07						9	4.5	19.2	
		519.07						10	P		
		517.07						5			
		515.07						9	4.5	19.2	
		513.07						10	P		
		511.07						5			
		509.07						9	4.5	19.2	
		507.07						10	P		
		505.07						5			
		503.07						9	4.5	19.2	
		501.07						10	P		
		499.07						5			
		497.07						9	4.5	19.2	
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		493.07						5			
		491.07						9	4.5	19.2	
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		477.07						10	P		
		475.07						5			
		473.07						9	4.5	19.2	
		471.07						10	P		
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		433.07						5			
		431.07						9	4.5	19.2	
		429.07						10	P		
		427.07						5			
		425.07						9	4.5	19.2	
		423.07						10	P		
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		419.07						9	4.5	19.2	
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		289.07						5			
		287.07						9	4.5	19.2	
		285.07						10	P		
		283.07						5			
		281.07						9	4.5	19.2	

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.P. 607	I29BR	KENDALL	61	30
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

Contract #66667



Illinois Department of Transportation
Division of Highways
Illinois Department of Transportation

SOIL BORING LOG

Page 1 of 2

Date 8/4/05

ROUTE US 52 DESCRIPTION _____ LOGGED BY LM-IDOT

SECTION 129BR LOCATION S 12, SEC. 14, TWP. 35N, RNG. 7E, 3rd PM

COUNTY Kendall DRILLING METHOD Hollow Stem Auger HAMMER TYPE Automatic

STRUCT. NO. 047-0016	D E P T H	B L O W S	U C S	M O I S T	Surface Water Elev. 587.43 ft	D E P T H	B L O W S	U C S	M O I S T
Station 108+19					Stream Bed Elev. _____ ft				
BORING NO. 3					Groundwater Elev.: _____ ft				
Station 107+91					First Encounter _____ ft				
Offset 14.50ft Lt					Upon Completion 576.2 ft				
Ground Surface Elev. 598.17 ft	(ft)	(6")	(tsf)	(%)	After _____ Hrs. _____ ft	(ft)	(6")	(tsf)	(%)

Augered White Shoulder Stone & Brown Silty Clay Loam Fill					Very Stiff Gray Silty Clay & Silt Pockets/Layers (continued)	17	3.3	16.9		
						28	S			
Stiff Brown/Gray Silty Clay Loam/ Silty Clay Fill						5				
596.17			1			8	2.0	19.3		
			2	2.0	18.8	9	S			
			2	P						
						-5	2			
			1	1.8	23.0	-25	5			
			2	P						
Stiff Blue/Gray Clay					Hard Gray Silty Clay/Silty Clay Loam w/Gravel to Cobble Size @ 27.5'	10				
588.67			2		24.4	100/4"	4.0	13.6		
			2	1.8			P			
			2	P						
Stiff Blue/Gray Clay					Rock Obstruction resulted in High Blow count @ 27-28.5'					
			2							
			3	1.8	21.9		>4.5	16.3		
			2	P			P			
Stiff Brown Silty/Silty Clay					Hard Brown/Gray Clay w/Layers Silty Clay & Silt Pockets	12				
585.17			3	2.0	14.0	14	6.8	14.8		
				P	25.0	16	S			
Hard Gray Silty Clay Loam Till										
584.17			5							
			5			-35	14			
			9	5.2	24.8		16	4.7	19.4	
			10	S			23			
Very Stiff Gray Silty Clay & Silt Pockets/Layers					Medium Fine Sand & Silt w/ Layers Sandy Loam					
579.67			7	4.0	11.9					
			8	S						
			6			-40	8			

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)
The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206)
BBS, from 137 (Rev. 8-99)



Illinois Department of Transportation
Division of Highways
Illinois Department of Transportation

SOIL BORING LOG

Page 2 of 2

Date 8/4/05

ROUTE US 52 DESCRIPTION _____ LOGGED BY LM-IDOT

SECTION 129BR LOCATION S 12, SEC. 14, TWP. 35N, RNG. 7E, 3rd PM

COUNTY Kendall DRILLING METHOD Hollow Stem Auger HAMMER TYPE Automatic

STRUCT. NO. 047-0016	D E P T H	B L O W S	U C S	M O I S T	Surface Water Elev. 587.43 ft				
Station 108+19					Stream Bed Elev. _____ ft				
BORING NO. 3					Groundwater Elev.: _____ ft				
Station 107+91					First Encounter _____ ft				
Offset 14.50ft Lt					Upon Completion 576.2 ft				
Ground Surface Elev. 598.17 ft	(ft)	(6")	(tsf)	(%)	After _____ Hrs. _____ ft	(ft)	(6")	(tsf)	(%)

Medium Fine Sand & Silt w/ Layers Sandy Loam (continued)					557.17	19		18.8		
						3				
End of Boring										

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)
The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206)
BBS, from 137 (Rev. 8-99)

DESIGNED	S.D.S.
CHECKED	C.W.C.
DRAWN	D.L.H.
CHECKED	S.D.S./C.W.C.

 ENGINEERS PLANNERS LAND SURVEYORS
 MASON CITY, IOWA DUBUQUE, IOWA AMES, IOWA
 E. DUBUQUE, ILLINOIS SPRINGFIELD, ILLINOIS ROCHESTER, MINNESOTA

SOIL BORINGS
 U.S. RTE. 52 OVER WEST AUX SABLE CREEK
 F.A.P. 607 - SECTION I29BR
 KENDALL COUNTY
 STATION 108+07
 STRUCTURE NO. 047-2019

BENCH MARK: STA 106+31.08, 38.09' LT @
RAILROAD SPIKE IN WOOD POST
ELEVATION = 598.476

EXISTING STRUCTURE: SN 047-0046 BUILT IN THE 1932 AS A TWO SPAN TIMBER
BRIDGE WITH STEEL STRINGERS

@ STA 106+40.52 FAP 607 (US 52)
REMOVE EXISTING STRUCTURE 047-0046
REPLACE WITH PRECAST CONCRETE BOX CULVERT 12' X 10' (SEE DETAIL)

WATER INFORMATION TABLE									
ROUTE:	FAP 607 (US 52)			SN EX: 047-0046			SN PR: 047-2020		
SECTION:	(129) I			WATERWAY: LISBON CREEK					
COUNTY:	KENDALL								
	FREQUENCY (YR)	Q (CFS)	OPENING- SQ FT		NAT HWE	HEAD - FT		HEADWATER ELEV	
			EX	PR		EX	PR	EX	PR
DESIGN	10	725	210	226	595.3	0.2	0.1	595.5	595.4
BASE	50	1069	228	240	595.9	0.2	0.1	596.1	596.0
OVERTOPPING	100	1207	234	240	596.1	0.2	0.1	596.3	596.1
MAX CALC	10	725	210	226	595.3	0.2	0.1	595.5	595.4
	100	1207	234	240	596.1	0.2	0.1	596.3	596.1

10-YEAR VELOCITY THROUGH EX STR = 2.75 FPS 10-YEAR VELOCITY THROUGH PR STR = 3.12 FPS
 • GROSS PR WATERWAY OPENING = 240 SQ FT

LOADING HS20-44
ALLOW 50# / SQ FT FOR FUTURE WEARING SURFACE. (PRECAST)

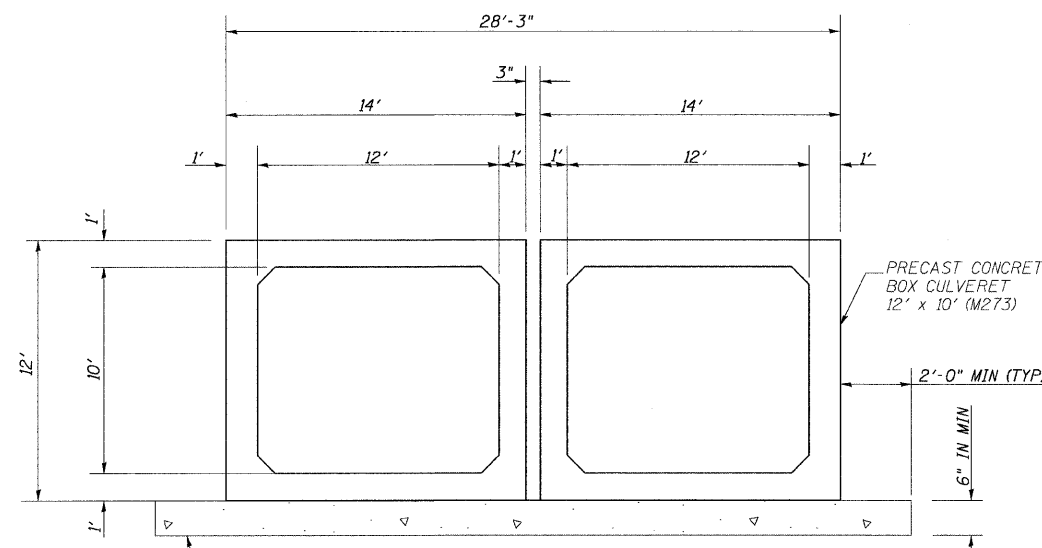
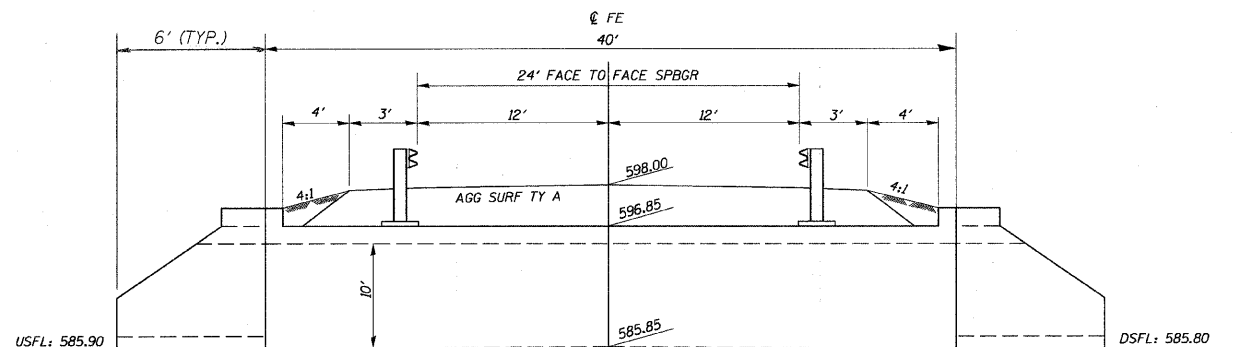
DESIGN SPECIFICATION
2003 ASHTO

DESIGN SPECIFICATION
FIELD UNITS

f'c = 3,500 psi (Cast-In-Place)
f'c = 5,000 psi (Precast)
fy = 60,000 psi (Reinforcement)
fy = 65,000 psi (Welded wire fabric)
Design Fill Height < 2' AASHTO DESIGNATION: M 273

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
607	129 BR	KENDALL	61	32

STA. TO STA.
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT



NAME PLATE

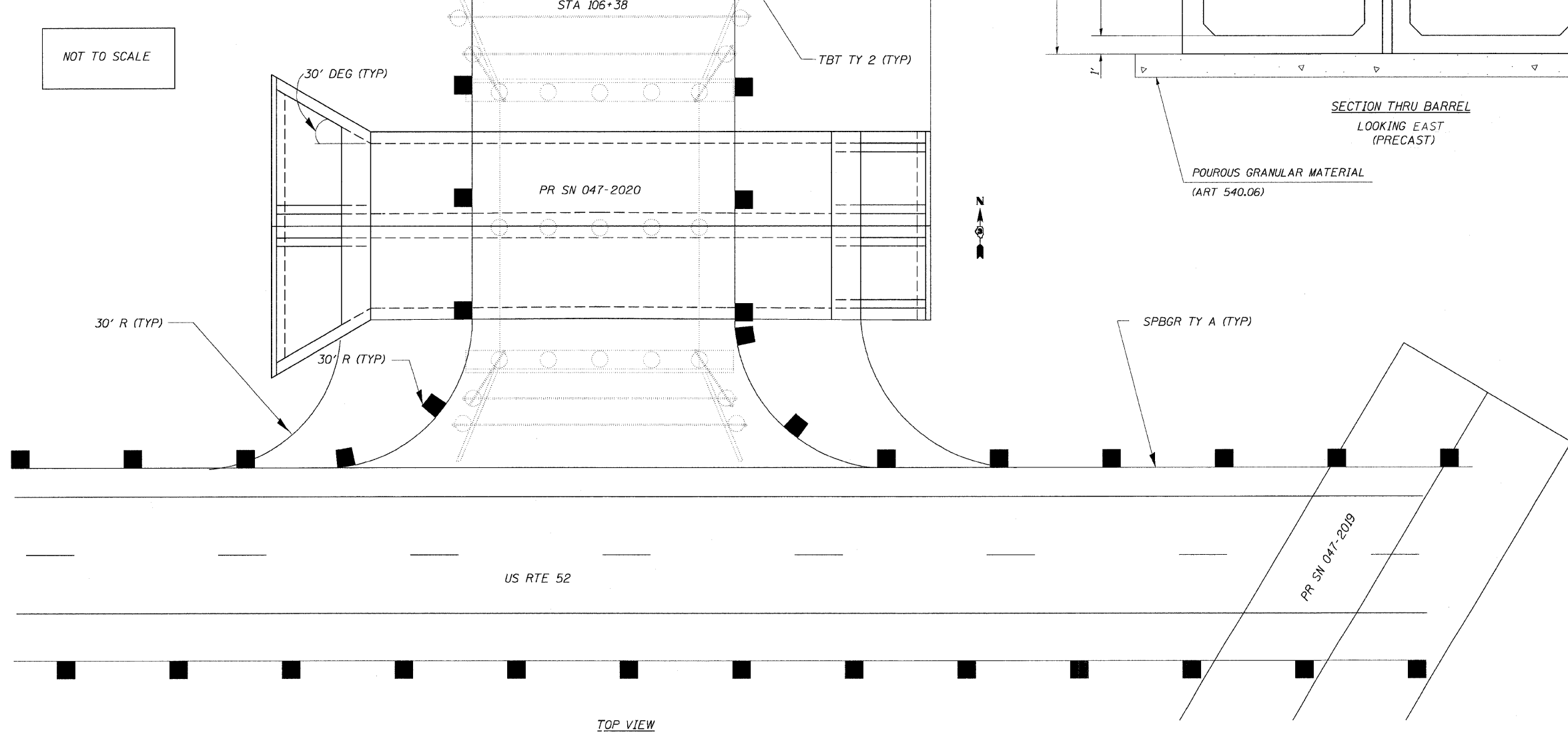
SEE STD 515001

STA 106+40.5 (LT)
BUILT 20 BY
STATE OF ILLINOIS
FAP ROUTE 607 SEC 129BR
LOADING HS 20
SN 047-2020

NOT TO SCALE

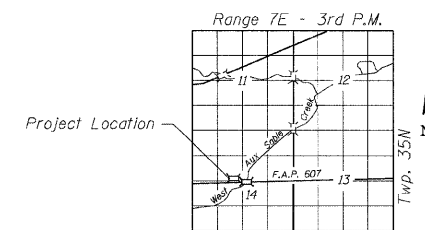
PRECAST OR FIELD POURED
TOEWALL (CLASS SI CONCRETE)
ENTIRE LENGTH OF END SECTION
(TYP, BOTH ENDS)

LONGITUDINAL SECTION
LOOKING NORTH
STA 106+38



TOTAL BILL OF MATERIAL

ITEM	UNIT	TOTAL
REMOVAL OF EXISTING STRUCTURES	EACH	1
SPBGR, ATTACHED TO STRUCTURES	FOOT	56
PRECAST END SECTION	EACH	4
NAME PLATE	EACH	1
PRECAST CONCRETE BOX CULVERTS 12' X 10' (M273)	FOOT	80



GENERAL PLAN & ELEVATION

U.S. RTE. 52 OVER WEST AUX SABLE CREEK
F.A.P. 607 - SECTION 129BR
KENDALL COUNTY
STATION 106+40.5 LT
STRUCTURE NO. 047-2020

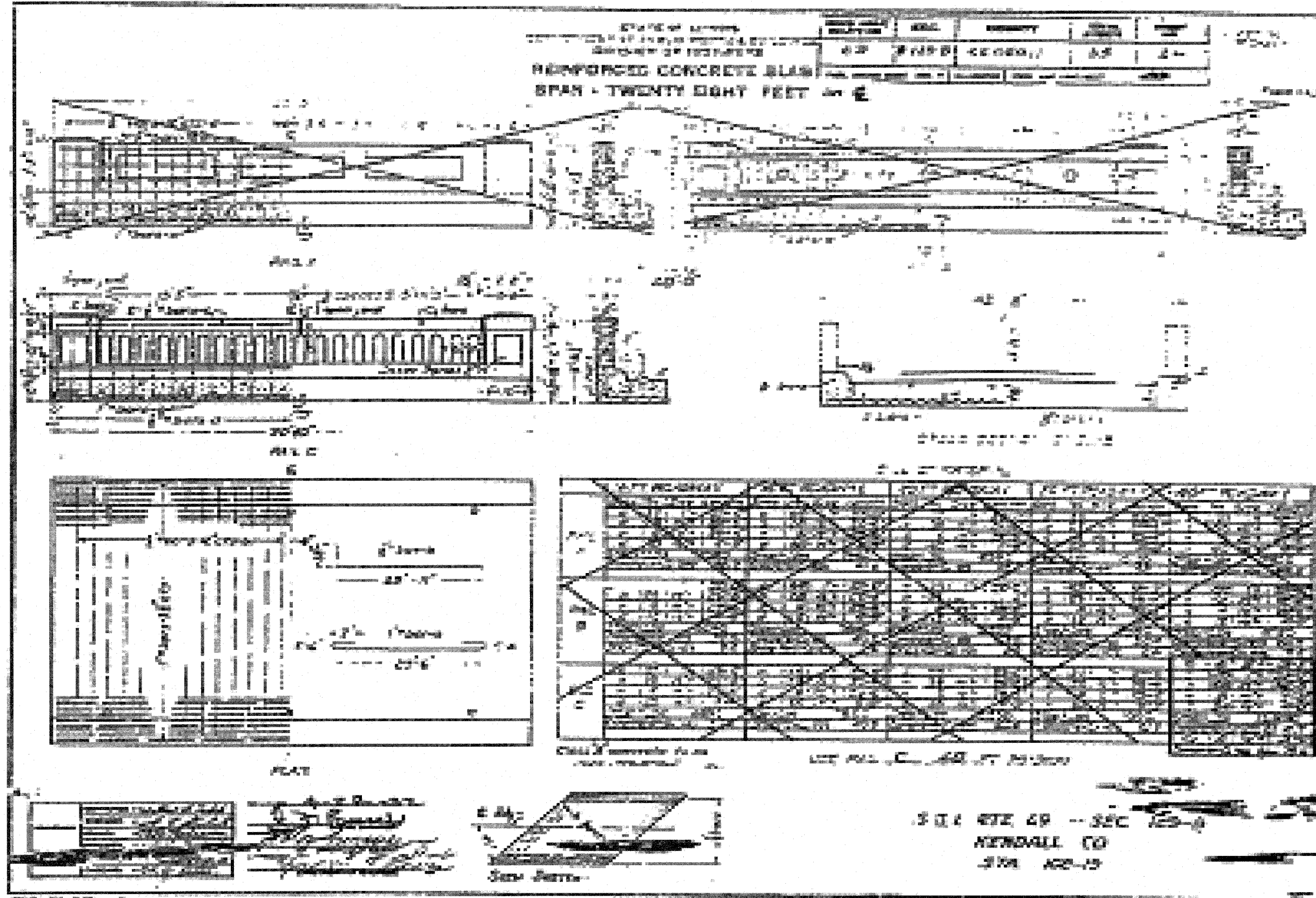
SN 047-2020

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PLOT SCALE = 28.0000' = 1" IN.
Sep 05, 2008 - 08:12:15 AM
BRAB01

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
U.S. 52	129BR	KENDALL	61	33
FED. ROAD DIST. NO. 7		ILLINOIS	FED. AID PROJECT-	

Contract #66667



DESIGNED	S.D.S.
CHECKED	C.W.C.
DRAWN	D.L.H.
CHECKED	S.D.S./C.W.C.

WHKS & CO.

ENGINEERS PLANNERS LAND SURVEYORS

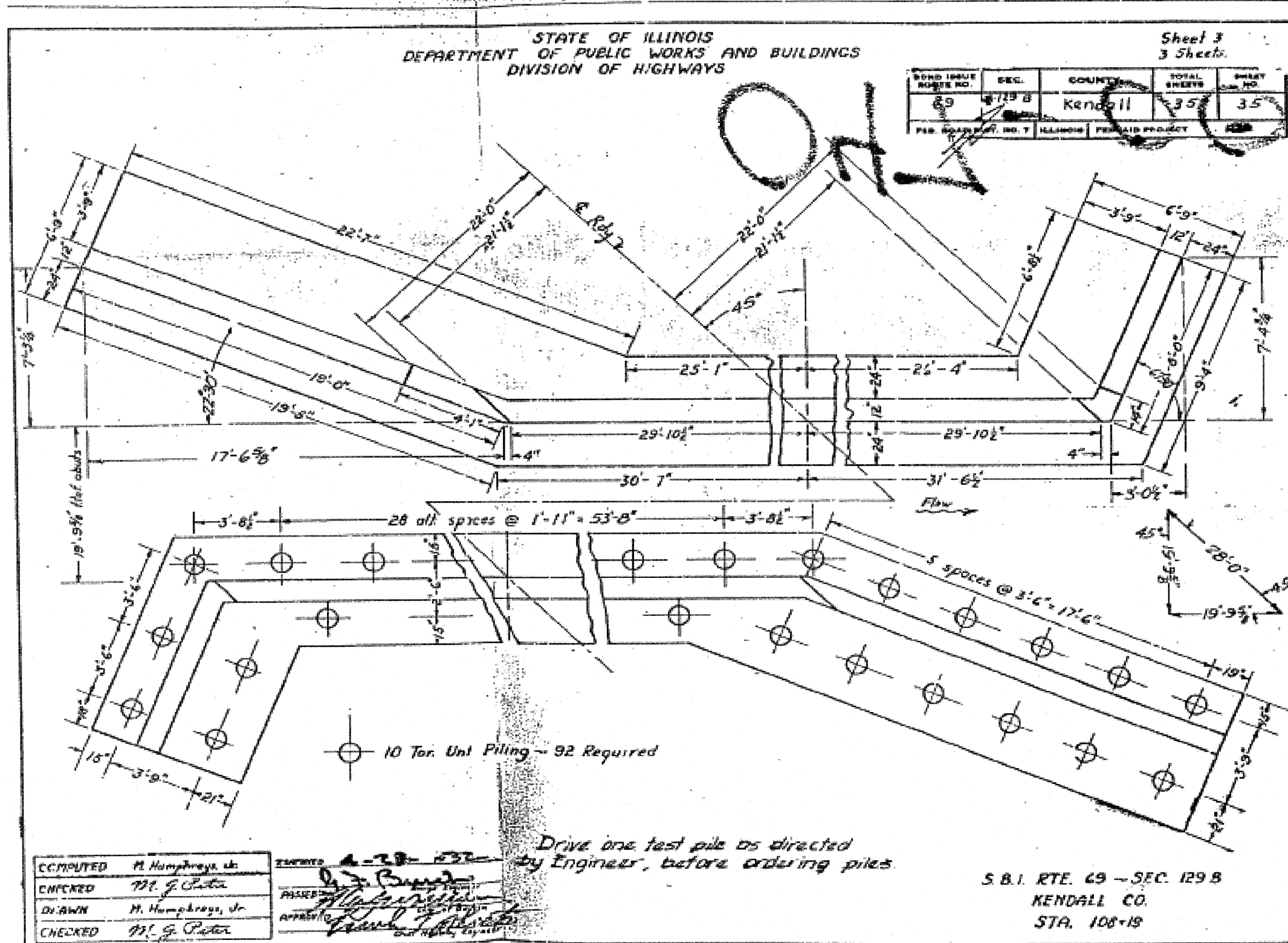
MASON CITY, IOWA DUBUQUE, IOWA AMES, IOWA
E. DUBUQUE, ILLINOIS SPRINGFIELD, ILLINOIS ROCHESTER, MINNESOTA

EXISTING BRIDGE PLANS
U.S. RTE. 52 OVER WEST AUX SABLE CREEK
F.A.P. 607 - SECTION 129BR
KENDALL COUNTY
STATION 108+07
STRUCTURE NO. 047-2019

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
U.S. 52	I29BR	KENDALL	61	34
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT		

Contract #66667



COMPUTED	M. Humphreys, Jr.
CHECKED	M. G. Pater
DRAWN	M. Humphreys, Jr.
CHECKED	M. G. Pater

APPROVED: *[Signature]*
 APPROVED: *[Signature]*

DESIGNED	S.D.S.
CHECKED	C.W.C.
DRAWN	D.L.H.
CHECKED	S.D.S./C.W.C.

WHKS & CO.

ENGINEERS PLANNERS LAND SURVEYORS

MASON CITY, IOWA DUBUQUE, IOWA AMES, IOWA
E. DUBUQUE, ILLINOIS SPRINGFIELD, ILLINOIS ROCHESTER, MINNESOTA

EXISTING BRIDGE PLANS
 U.S. RTE. 52 OVER WEST AUX SABLE CREEK
 F.A.P. 607 - SECTION I29BR
 KENDALL COUNTY
 STATION 108+07
 STRUCTURE NO. 047-2019

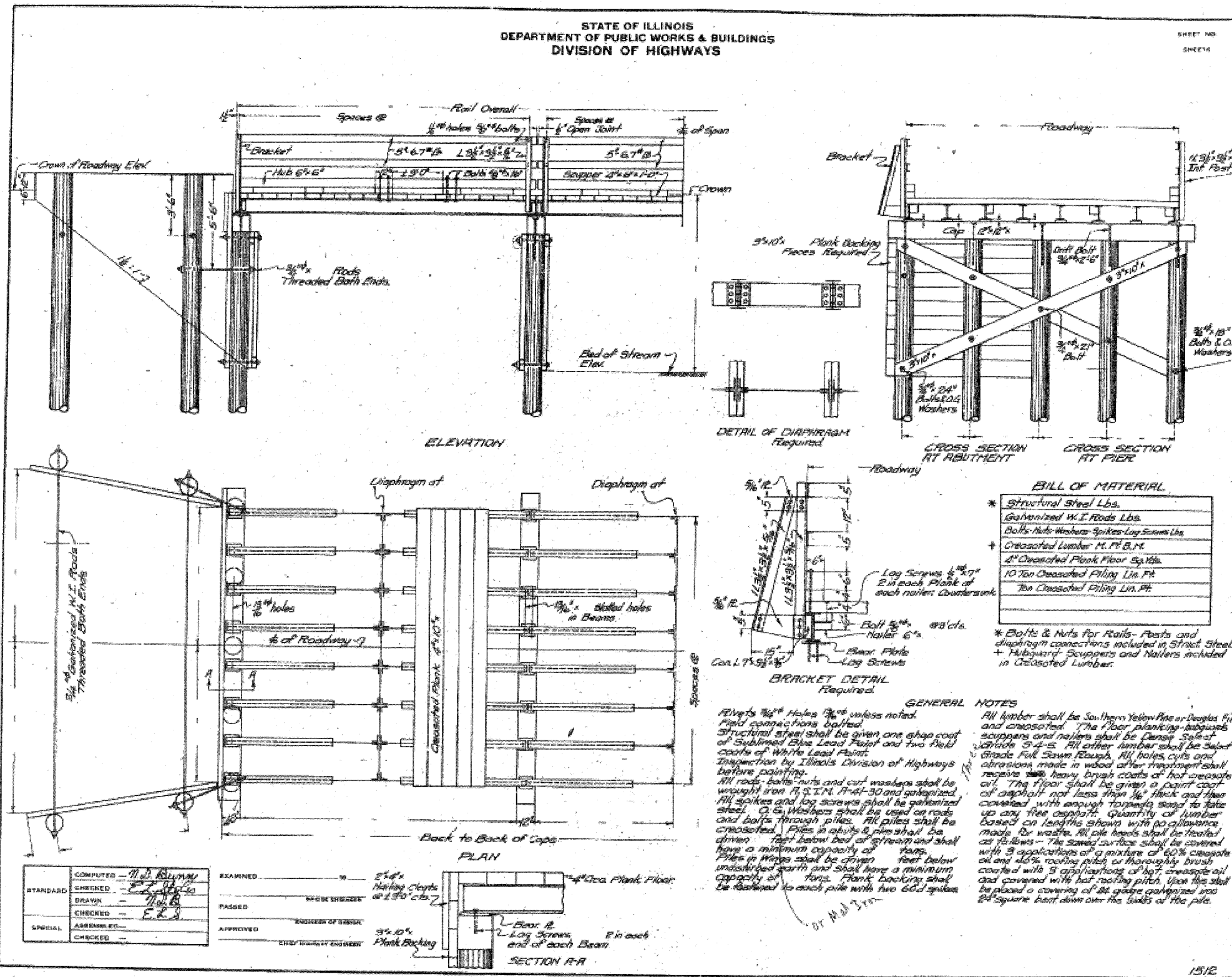
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
U.S. 52	129BR	KENDALL	61	35
FED. ROAD DIST. NO. 7		ILLINOIS	FED. AID PROJECT	

Contract #66667

STATE OF ILLINOIS
DEPARTMENT OF PUBLIC WORKS & BUILDINGS
DIVISION OF HIGHWAYS

SHEET NO.
SHEETS



DESIGNED	S.D.S.
CHECKED	C.W.C.
DRAWN	D.L.H.
CHECKED	S.D.S./C.W.C.

WHKS & CO.

ENGINEERS PLANNERS LAND SURVEYORS

MASON CITY, IOWA DUBUQUE, IOWA AMES, IOWA
E. DUBUQUE, ILLINOIS SPRINGFIELD, ILLINOIS ROCHESTER, MINNESOTA

EXISTING BRIDGE PLANS
U.S. RTE. 52 OVER WEST AUX SABLE CREEK
F.A.P. 607 - SECTION 129BR
KENDALL COUNTY
STATION 108+07
STRUCTURE NO. 047-2019

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

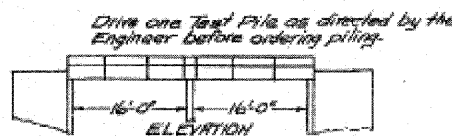
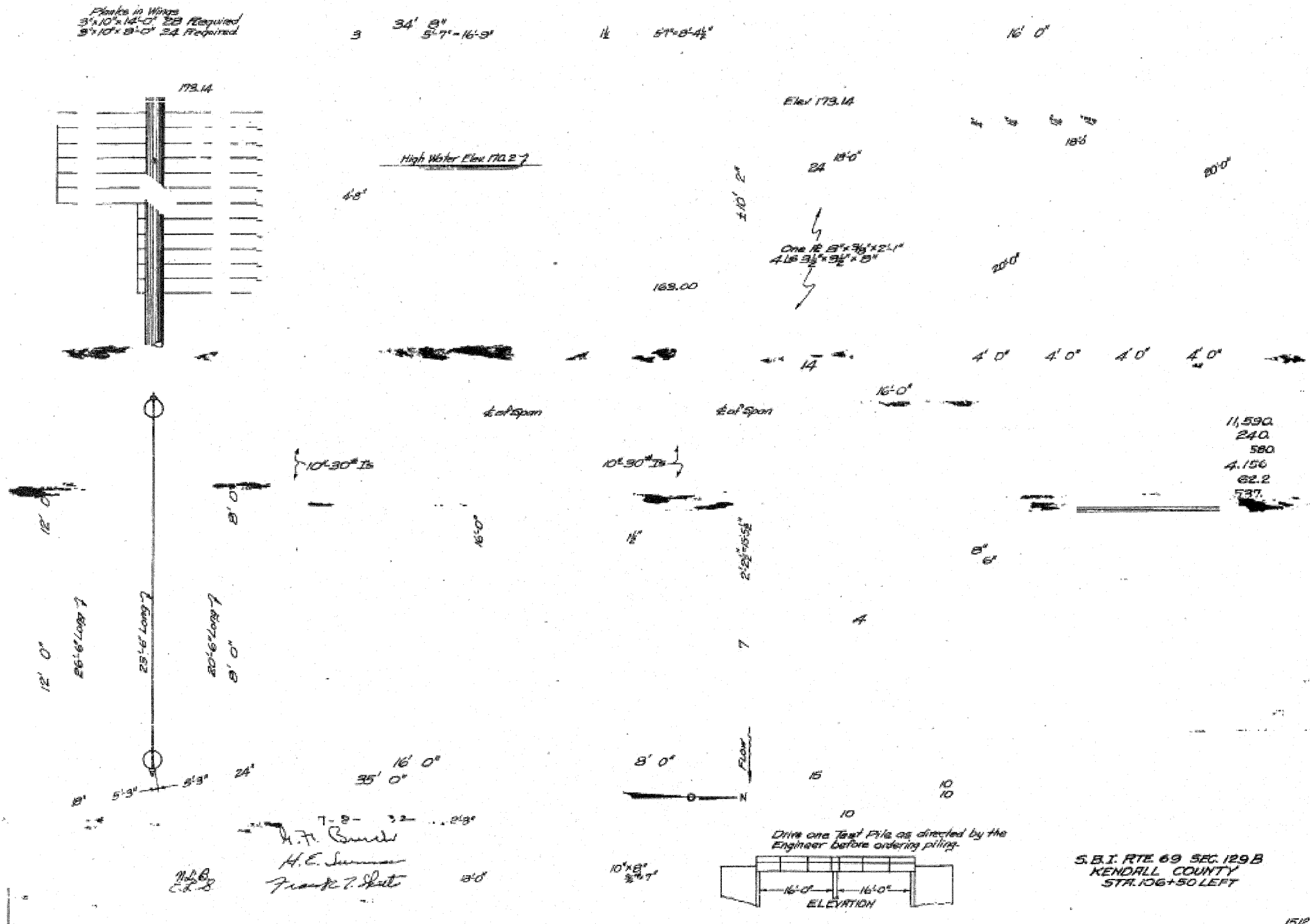
ROUTE NO.	SECTION	COUNTY	TOTAL SPANS	SHEET NO.
U.S. 52	129B	KENDALL	61	36
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT		

Contract #66667

E. 11' x 11' Bent Spile & Washer 100' Left
Sta. 107+90 Elev. 170.08
No Existing Structure - Farm Entrance

NO.	DATE	REVISION	BY	CHKD.
1	6-9	129B	Wardell	J.P.

Planks in Wings
3' x 10' x 12'-0" 28 Required
3' x 10' x 8'-0" 24 Required



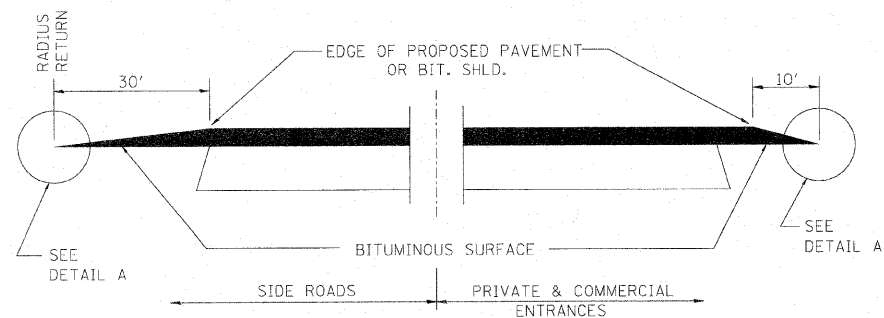
S.B.I. RTE 69 SEC. 129B
KENDALL COUNTY
STA. 106+50 LEFT

DESIGNED	S.D.S.
CHECKED	C.W.C.
DRAWN	D.L.H.
CHECKED	S.D.S./C.W.C.

WHKS & CO.
ENGINEERS PLANNERS LAND SURVEYORS
MASON CITY, IOWA DUBUQUE, IOWA AMES, IOWA
E. DUBUQUE, ILLINOIS SPRINGFIELD, ILLINOIS ROCHESTER, MINNESOTA

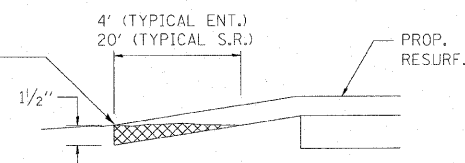
EXISTING BRIDGE PLANS
U.S. RTE. 52 OVER WEST AUX SABLE CREEK
F.A.P. 607 - SECTION 129B
KENDALL COUNTY
STATION 108+07
STRUCTURE NO. 047-2019

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
607	129 BR	KENDALL	61	37
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

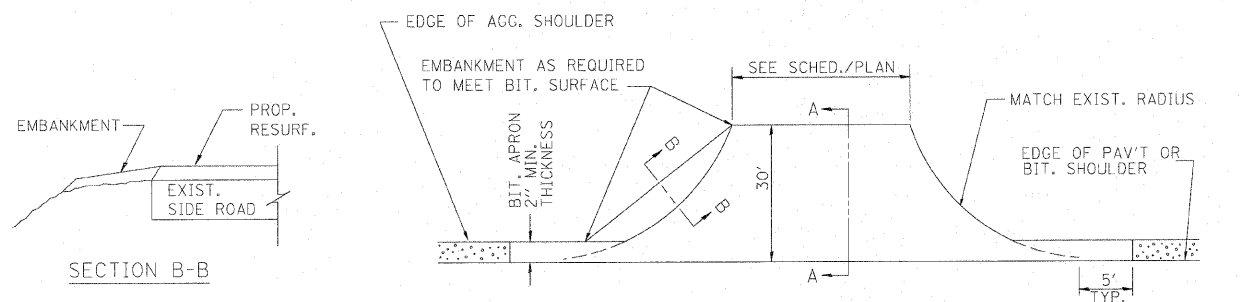


SECTION A-A
DETAILS AT ENTRANCES & SIDE ROADS

THE COST OF REMOVAL AT EXISTING BIT. OR P.C.C. LOCATIONS SHALL BE PAID FOR PER SQ. YD. BY THE APPROPRIATE PAY ITEM. REMOVAL AT EXISTING AGG. LOCATIONS SHALL BE INCIDENTAL TO THE BITUMINOUS. A-3 LOCATIONS SHALL BE FEATHER TAPERED.



DETAIL A

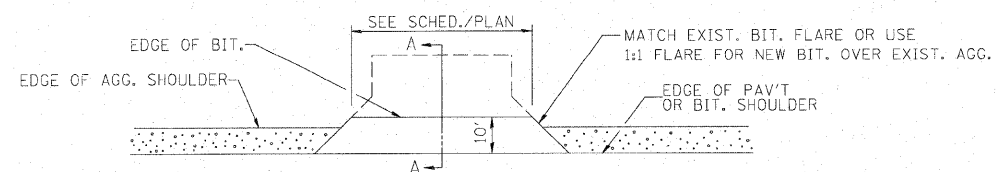


SECTION B-B

AGG. SHOULDER IS NOT TO BE PLACED AROUND SIDE ROAD RADII

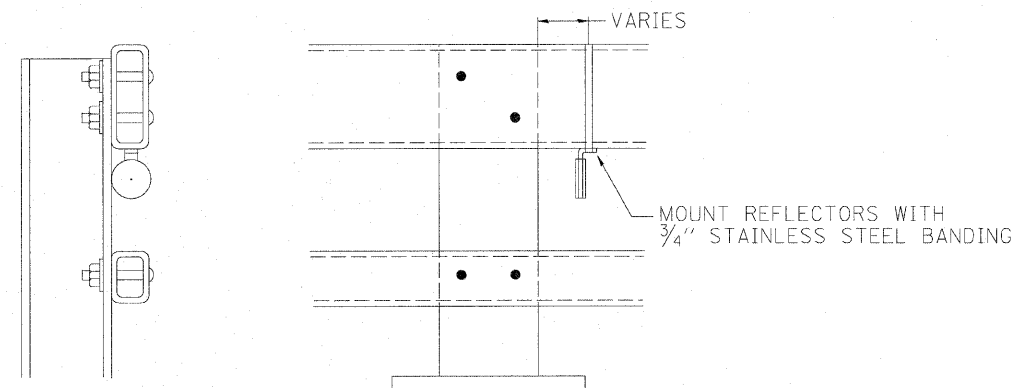
PROP. BIT. SHLD. SHALL NOT BE CONSTRUCTED THRU BIT. CONC. SIDEROADS.

PLAN AT SIDE ROADS



PLAN AT PRIVATE & COMMERCIAL ENTRANCES
(DO NOT RESURFACE FIELD ENTRANCES)

406-2



NOTES:

- REFLECTORS SHALL MEET THE REQUIREMENTS OF ARTICLE 1097.03 OF THE STANDARD SPECIFICATIONS.
- FURNISHING AND INSTALLING THE COMPLETE REFLECTOR UNIT WILL BE PAID AT THE CONTRACT UNIT PRICE EACH FOR GUARD RAIL MARKERS.

**REFLECTOR MOUNTING
DETAIL FOR STEEL RAIL**

630-7

PLOT DATE = 10/17/2007
FILE NAME = K:\DEPT\116691\116691.dwg
PLOT SCALE = #SCALE6
USER NAME = USER

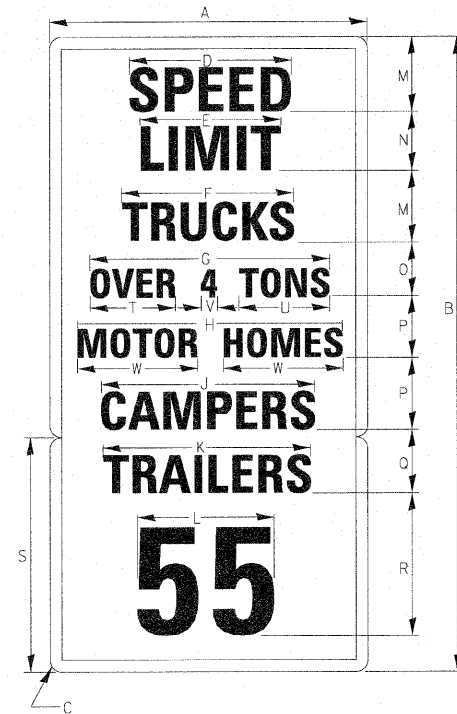
REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION
NAME	DATE	
		DETAILS

SCALE: VERT. NOT TO SCALE
HORIZ. NOT TO SCALE
DATE: 10/17/2007

DRAWN BY: C. SUNTKEN
CHECKED BY: M. ZELINSKAS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
607	129 BR	KENDALL	61	38
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

ILLINOIS STANDARD R2-I104a



COLOR: LEGEND AND BORDER BLACK NON-REFLECTORIZED
BACKGROUND WHITE REFLECTORIZED

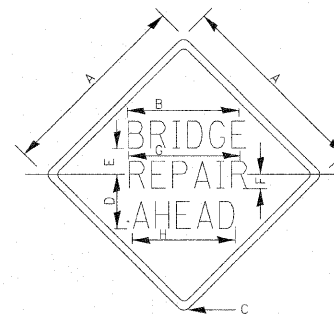
SIGN SIZE	DIMENSIONS									
	A	B	C	D	E	F	G	H	J	K
48 x 96	48.0	96.0	3.0	28.3	22.1	24.5	29.0	32.2	29.5	30.4

DIMENSIONS											
L	M	N	O	P	Q	R	S	T	U	V	W
23.2	11.0	9.0	7.0	10.0	8.0	22.0	36.0	10.9	10.5	8.5	16.1

SIGN SIZE	SERIES								MARGIN	BORDER	BLANK STD.
	LINES										
	1	2	3	4	5	6	7	8			
48 x 96	6E	6E	6C	4C	6B	6C	6C	16E	0.6	0.8	B5-4860 B5-3648

701-4

ILLINOIS STANDARD W21-I102



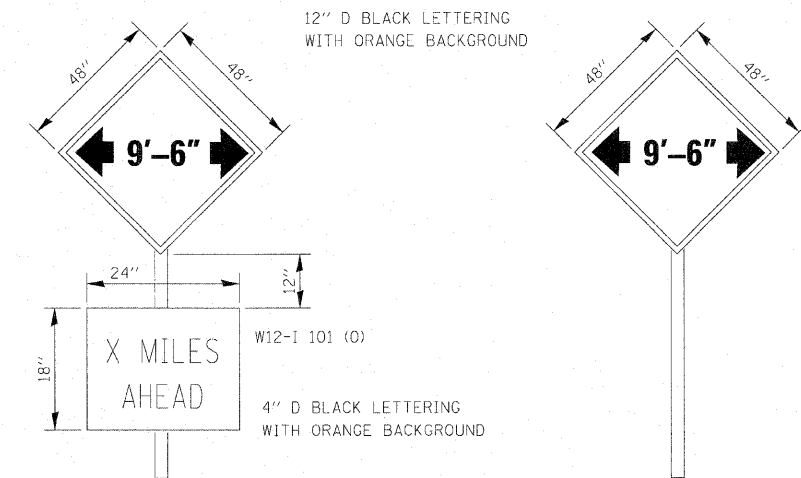
COLOR: LEGEND AND BORDER BLACK NON-REFLECTORIZED
BACKGROUND ORANGE REFLECTORIZED

SIGN SIZE	DIMENSIONS							
	A	B	C	D	E	F	G	H
36 x 36	36.0	22.3	2.25	10.8	5.6	3.0	21.9	20.7
48 x 48	48.0	26.0	3.0	14.5	7.5	3.5	25.5	24.1

SIGN SIZE	SERIES			MARGIN	BORDER	BLANK STD.
	LINES					
	1	2	3			
36 x 36	5C	5C	5C	0.6	0.8	B4-36D
48 x 48	7C	7C	7C	0.8	1.2	B4-48D

ALL DIMENSIONS IN INCHES.

701-5



TO BE POST MOUNTED AS SHOWN ELSEWHERE IN THE PLANS.

THE ENGINEER WILL NOTIFY DISTRICT 3 BUREAU OF OPERATIONS 14 CALENDAR DAYS PRIOR TO INSTALLING ANY TRAFFIC CONTROL DEVICES THAT WILL RESTRICT THE PAVEMENT WIDTH.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING WITH THE ENGINEER TO MEET THIS REQUIREMENT.

COST OF SUPPLYING, INSTALLING, MAINTAINING AND REMOVING WIDTH RESTRICTION SIGNS SHALL BE INCLUDED IN THE COST OF THE TRAFFIC CONTROL AND PROTECTION PAY ITEMS.

WIDTH RESTRICTION SIGNING DETAILS

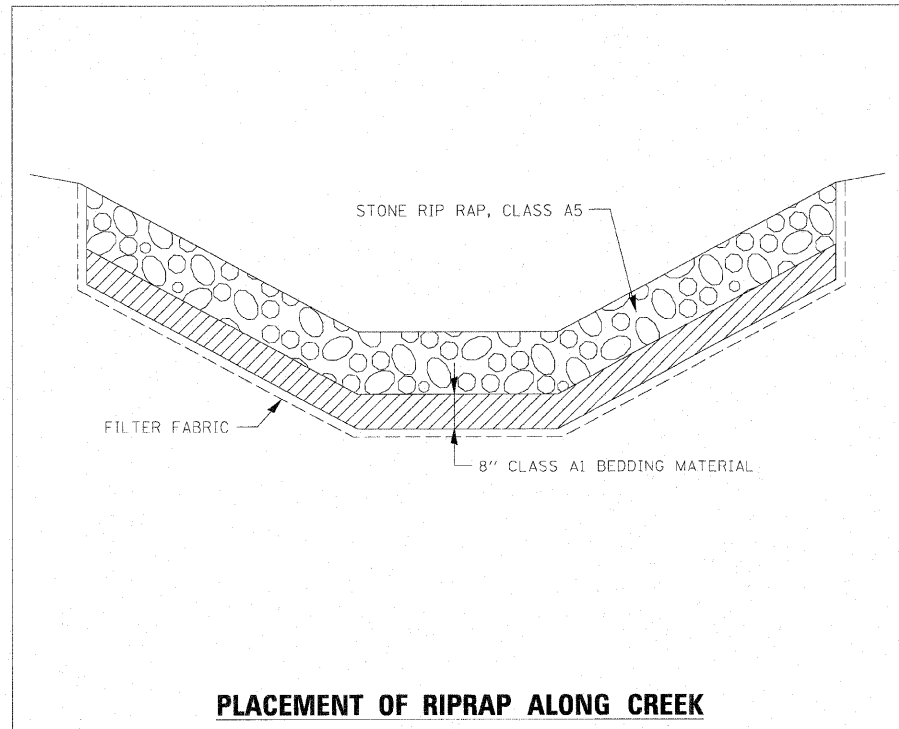
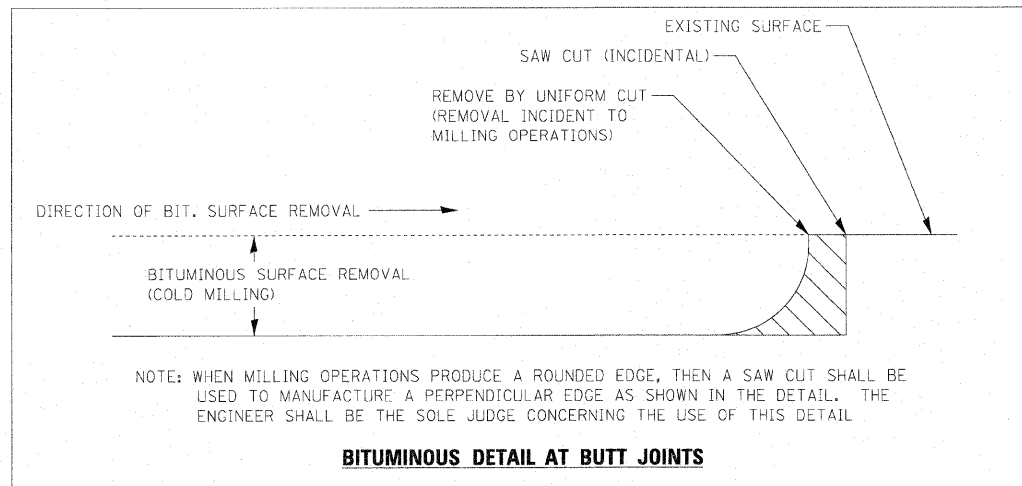
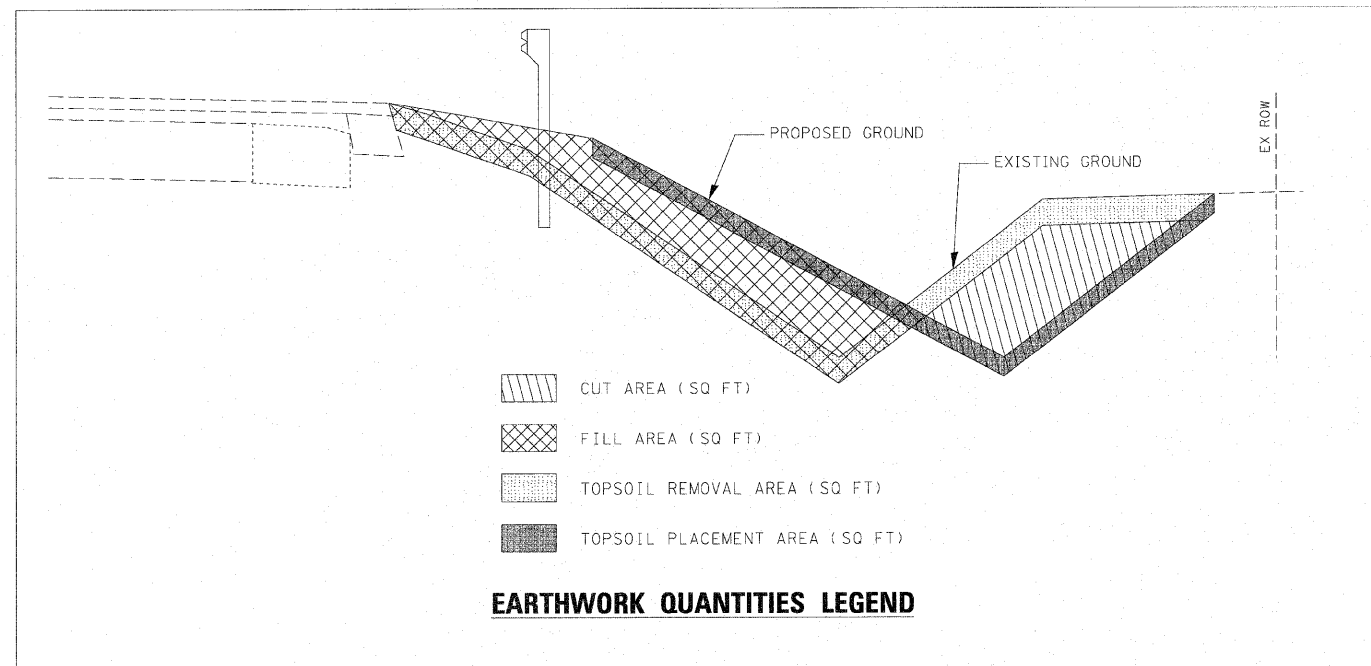
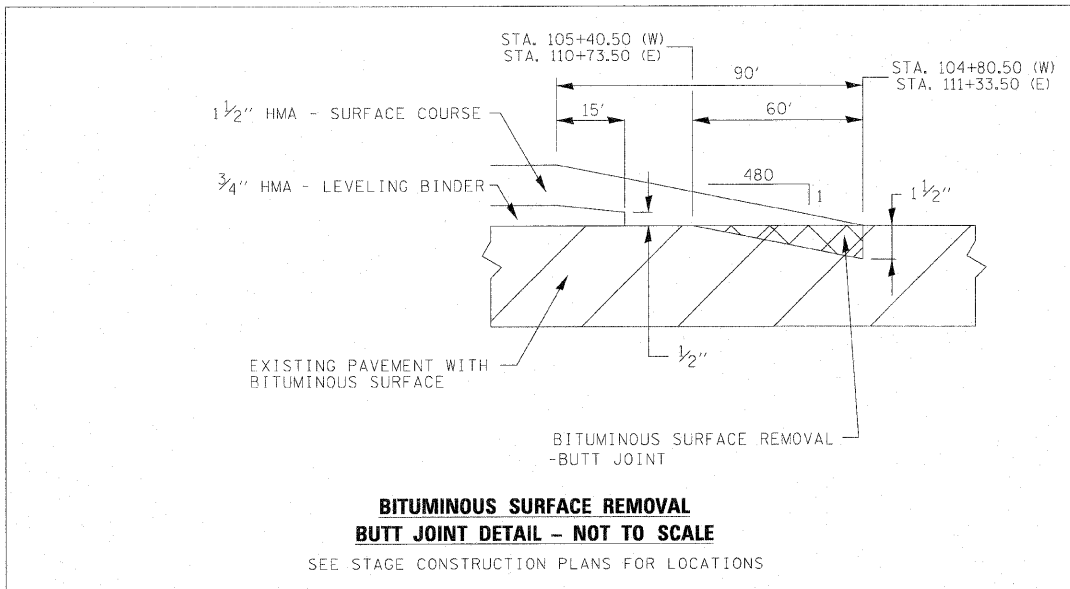
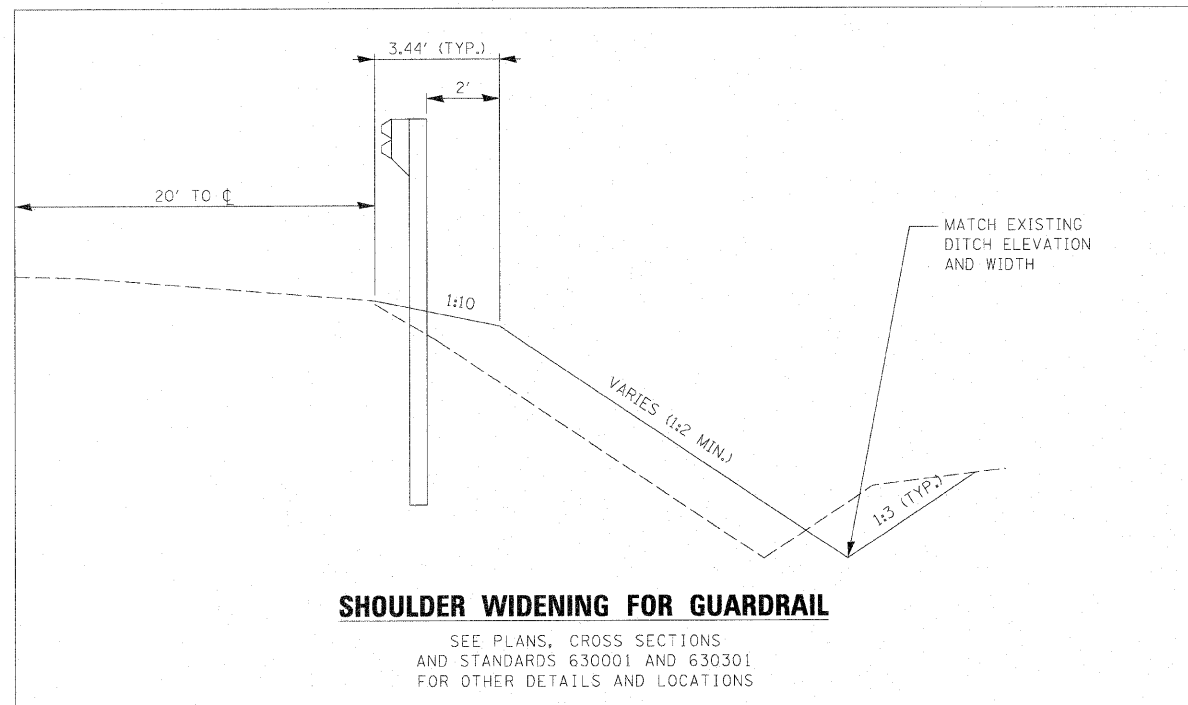
701-6

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION
NAME	DATE	
		DETAILS

SCALE: VERT. NOT TO SCALE
HORIZ. NOT TO SCALE
DATE 10/17/2007

DRAWN BY C. SUNTKEN
CHECKED BY M. ZELINSKAS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
607	129 BR	KENDALL	61	39
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

DETAILS

SCALE: VERT. NOT TO SCALE
 HORIZ. NOT TO SCALE
 DATE: 10/17/2007

DRAWN BY: C. SUNTKEN
 CHECKED BY: M. ZELINSKAS

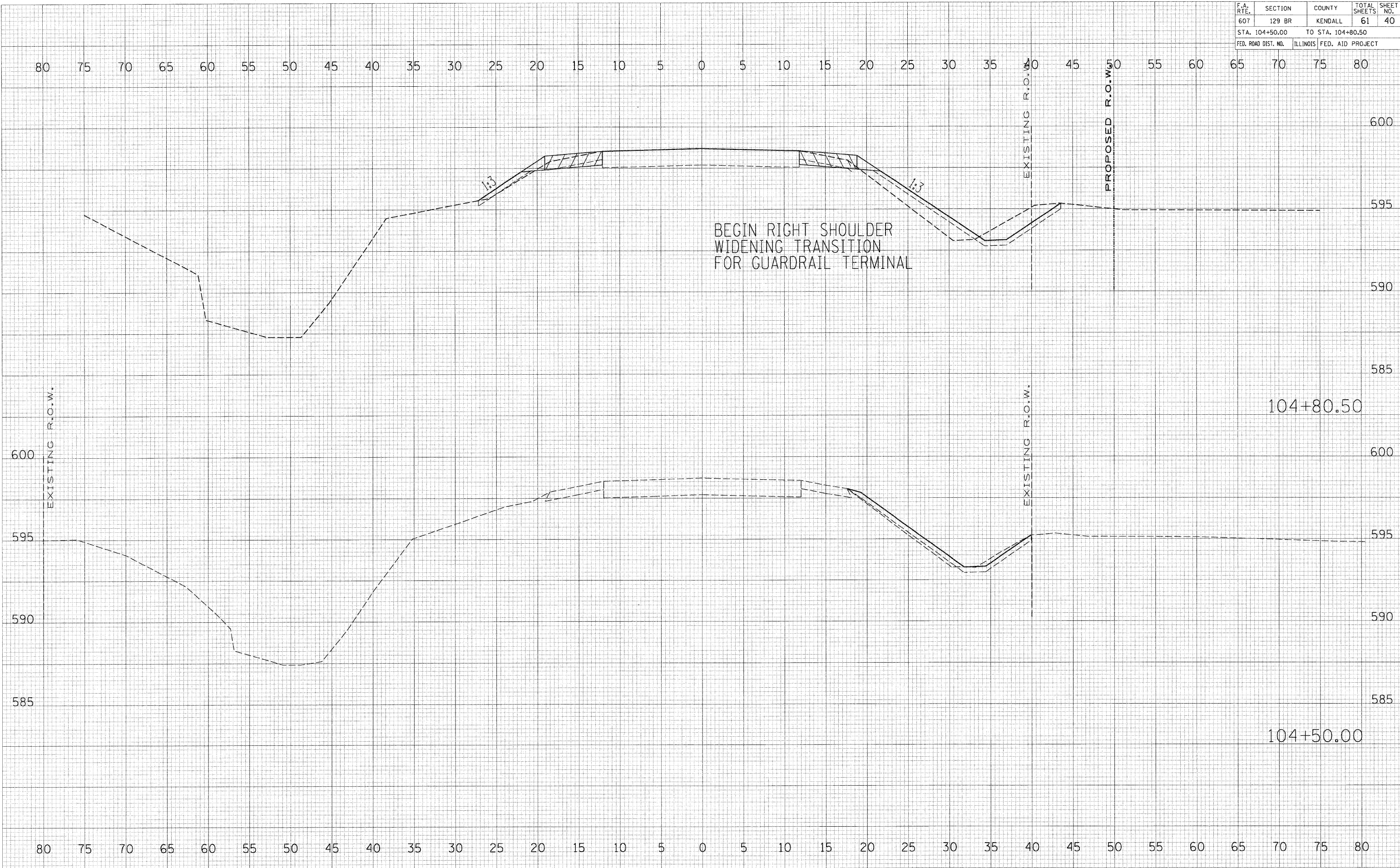
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 USER NAME = USER

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
607	129 BR	KENDALL	61	40
STA. 104+50.00		TO STA. 104+80.50		
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			

DATE: _____
 BY: _____
 SURVEYED _____
 PLOTTED _____
 CHECKED _____
 AREAS CHECKED _____
 NO. _____

DATE: _____
 BY: _____
 SURVEYED _____
 PLOTTED _____
 CHECKED _____
 AREAS CHECKED _____
 NO. _____

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 PLOT SCALE = ESCALEX
 USER NAME = JUBER

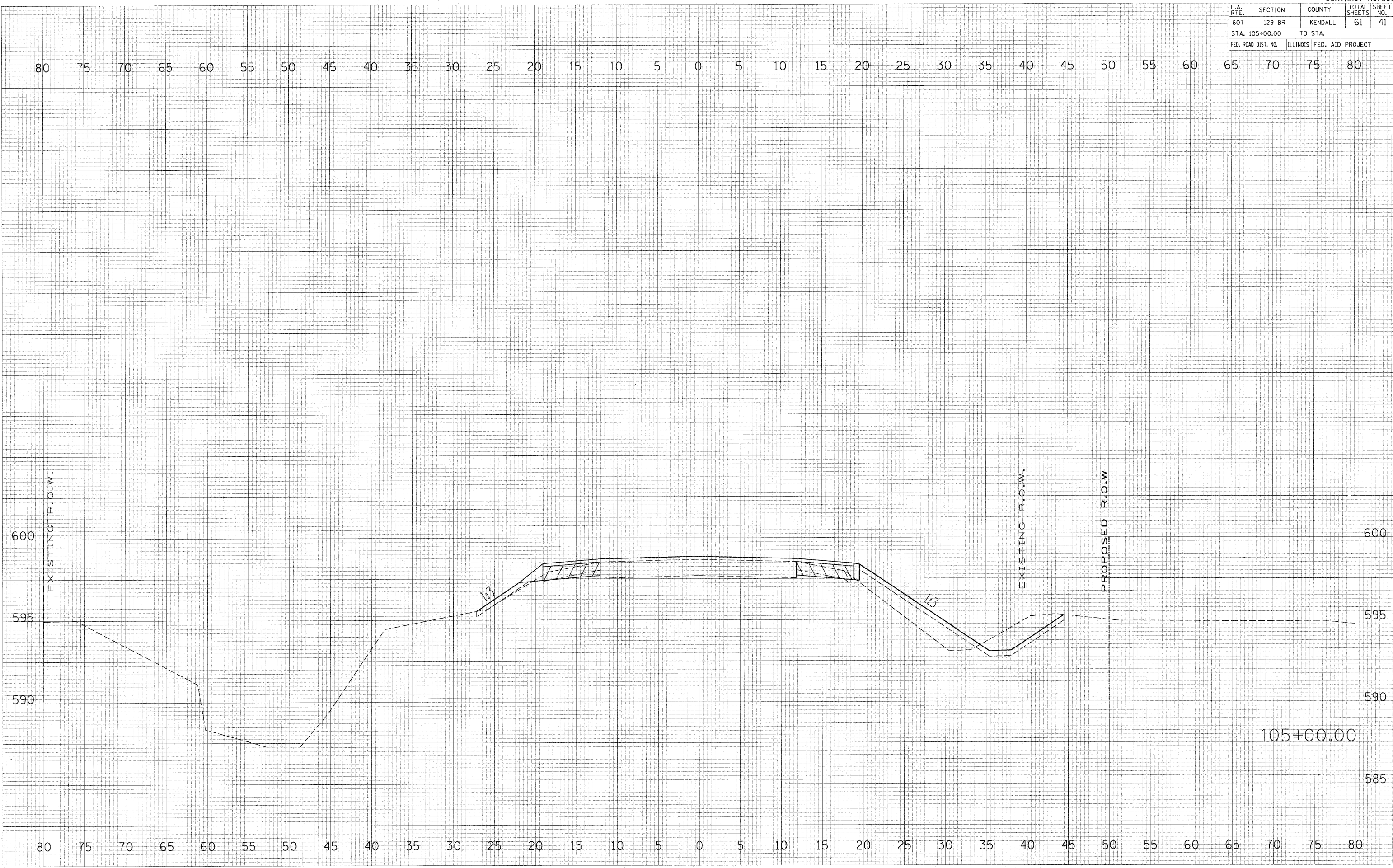


F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
607	129 BR	KENDALL	61	41
STA. 105+00.00		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

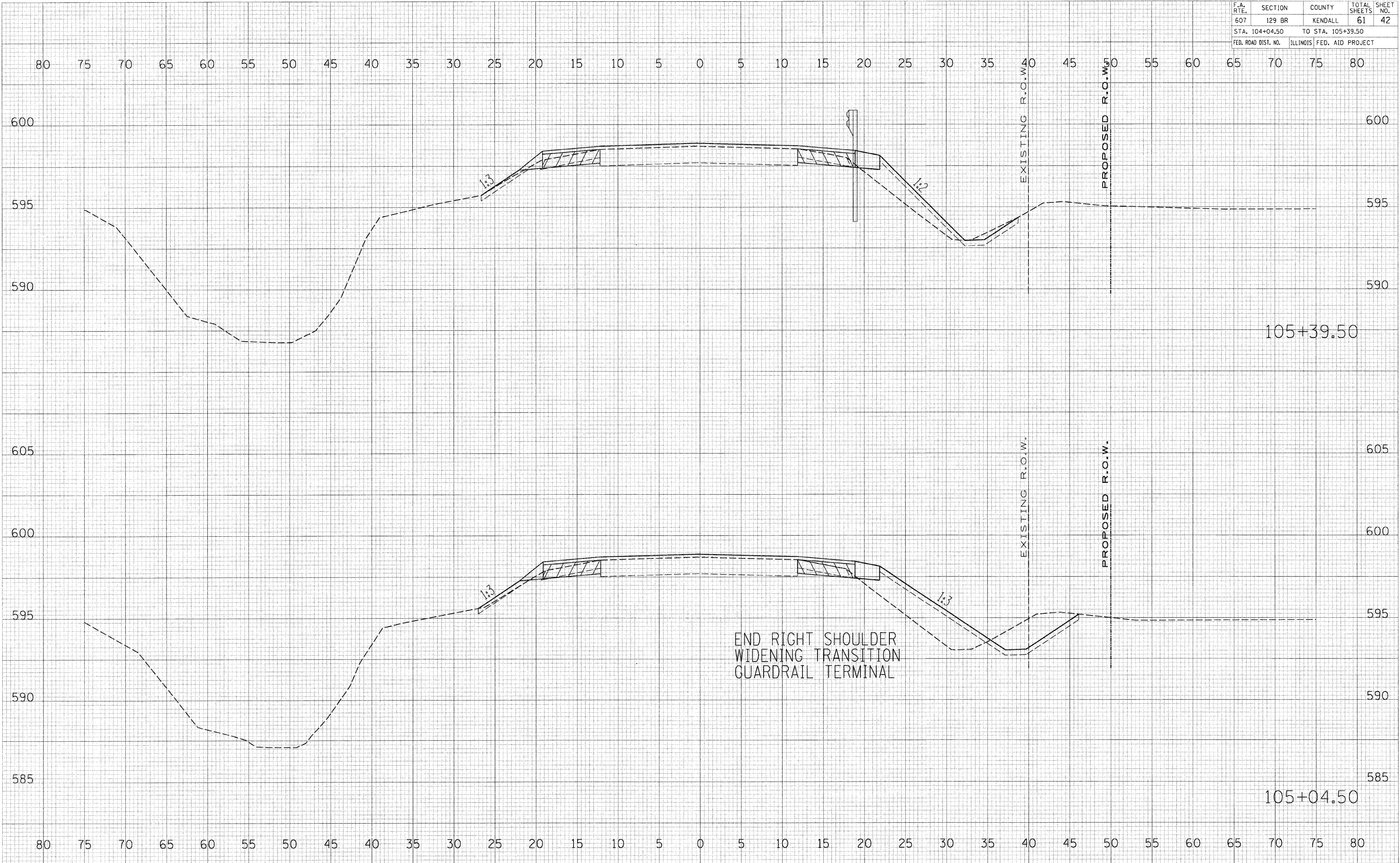
DATE	
BY	
NO. _____	
FINAL SURVEY	
NOTED BOOK	
AREAS CHECKED	

DATE	
BY	
NO. _____	
ORIGINAL SURVEY	
NOTED BOOK	
AREAS CHECKED	

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 USER NAME = USER



F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
607	129 BR	KENDALL	61	42
STA. 104+04.50		TO STA. 105+39.50		
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			



DATE	BY
SURVEYED	
PLOTTED	
NOTE BOOK	
AREAS CHECKED	
NO.	

DATE	BY
SURVEYED	
PLOTTED	
NOTE BOOK	
AREAS CHECKED	
NO.	

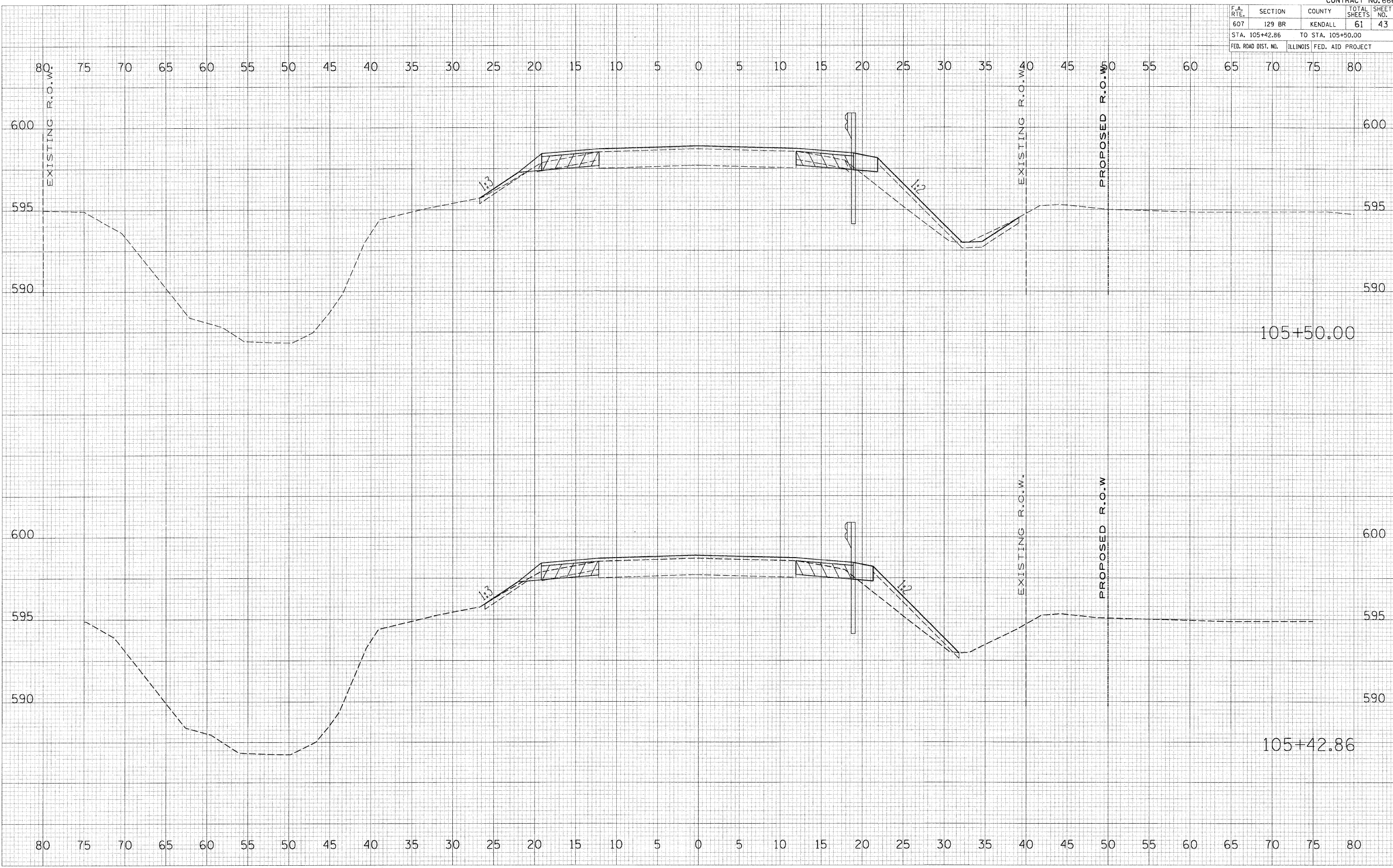
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USER NAME = USER

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
607	129 BR	KENDALL	61	43
STA. 105+42.86		TO STA. 105+50.00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

DATE _____
 BY _____
 SURVEYED _____
 PLOTTED _____
 NOTE BOOK _____
 AREAS CHECKED _____
 NO. _____

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

PLOT DATE = 10/17/2007
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 USER NAME = USER

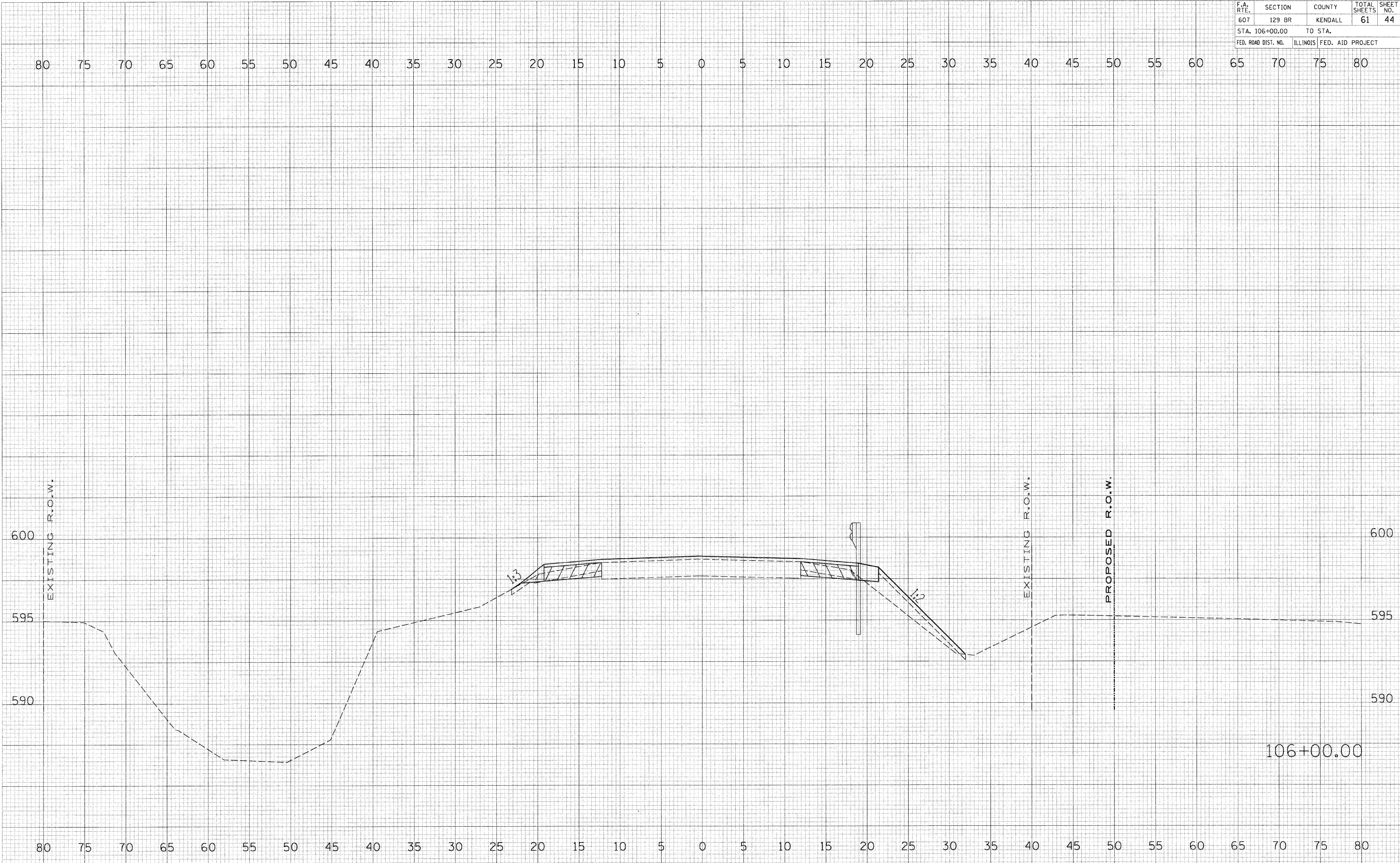


F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
607	129 BR	KENDALL	61	44
STA. 106+00.00		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID	PROJECT	

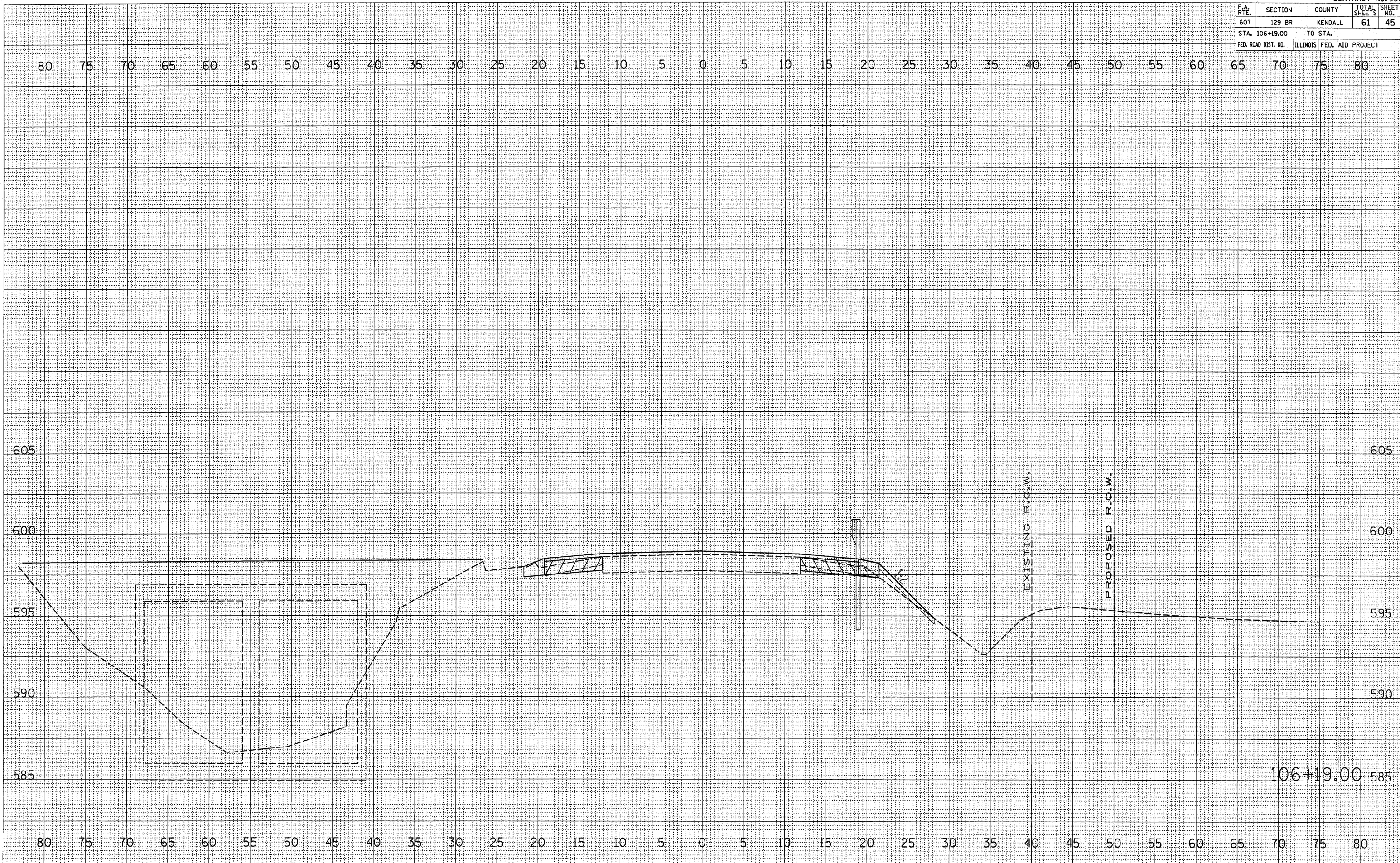
DATE	BY
DATE	BY
DATE	BY
DATE	BY
DATE	BY

DATE	BY
DATE	BY
DATE	BY
DATE	BY
DATE	BY

PLOT DATE = 10/7/2007
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PLOT SCALE = 1"=40'
USER NAME = USER



F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
607	129 BR	KENDALL	61	45
STA. 106+19.00		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			



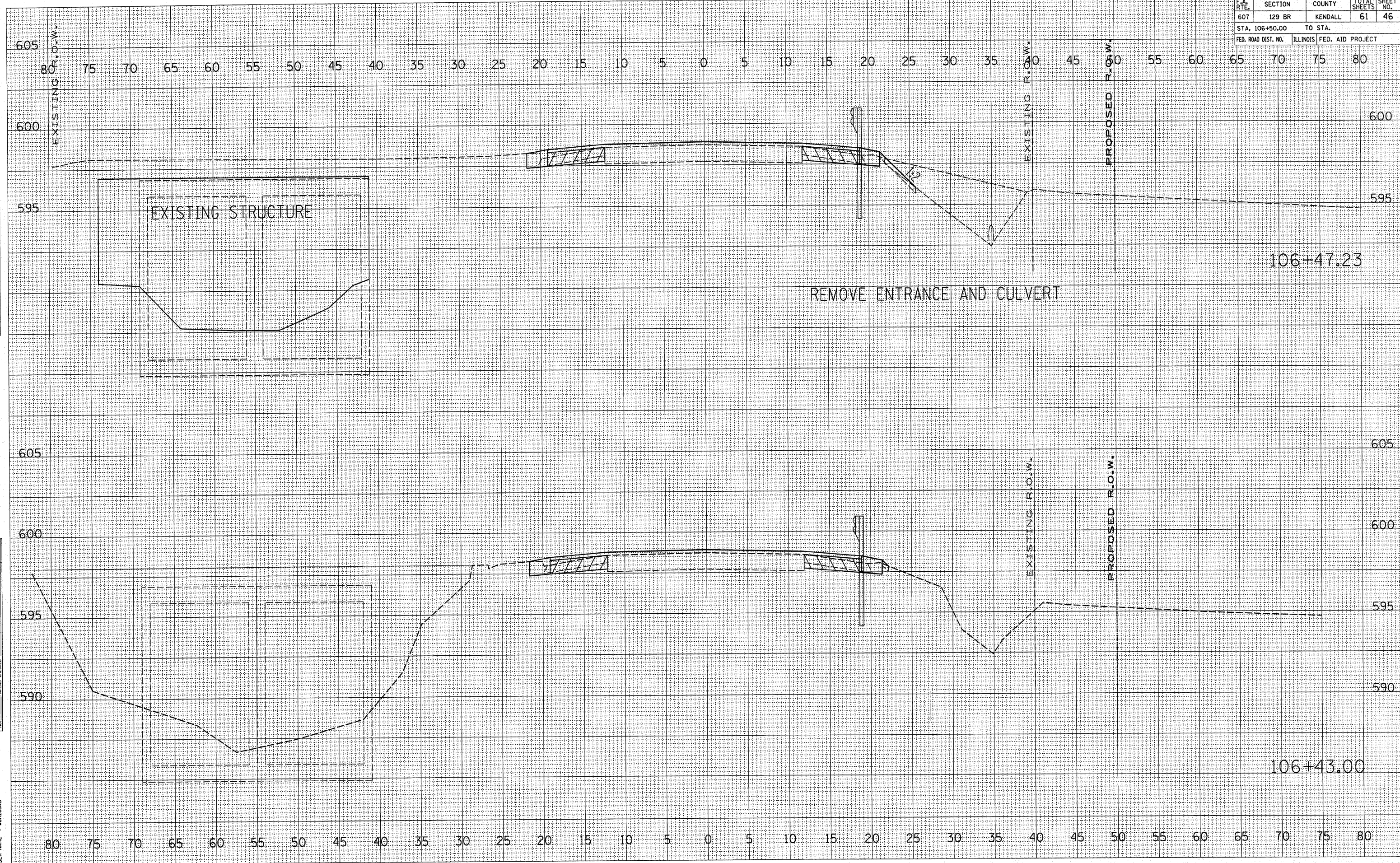
FINAL SURVEY
 SURVEYED BY _____
 DATE _____
 NOTE BOOK NO. _____
 AREAS CHECKED _____

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

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 USER NAME = wenzelc

106+19.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
607	129 BR	KENDALL	61	46
STA. 106+50.00		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



DATE	
BY	
FINAL SURVEY	
NOTE BOOK	
AREAS CHECKED	
NO.	

DATE	
BY	
ORIGINAL SURVEY	
PLOTTED	
AREAS CHECKED	
NO.	

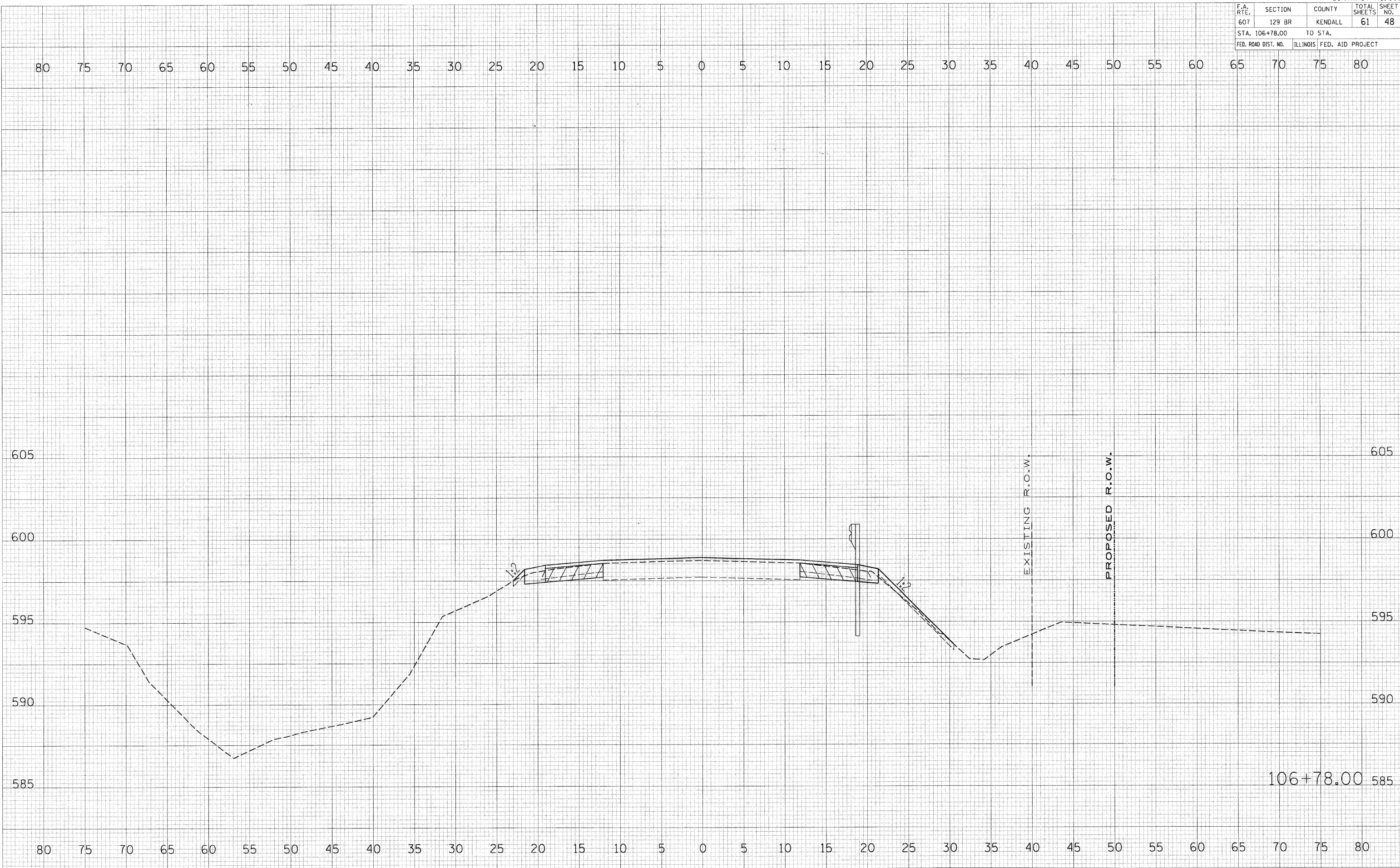
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F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
607	129 BR	KENDALL	61	48
STA. 106+78.00		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

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

ORIGINAL SURVEY	SURVEYED	DATE
NO.	PLOTTED	BY
	AREAS	
	CHECKED	

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 USER NAME = USER



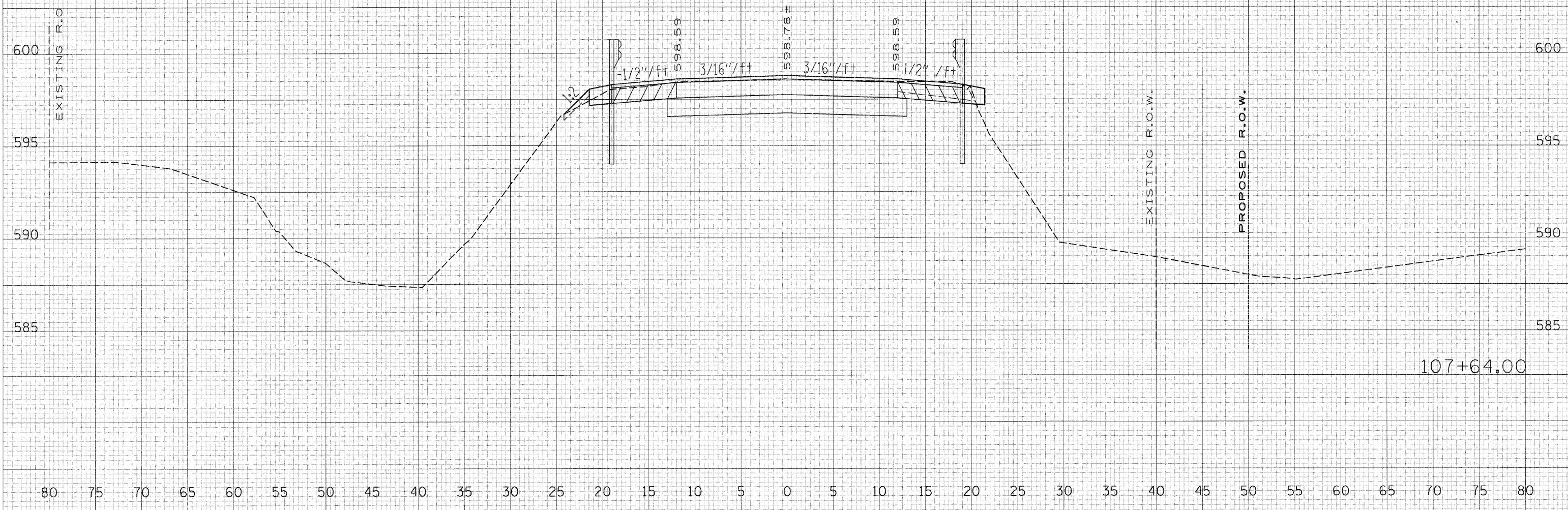
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
607	129 BR	KENDALL	61	52
STA. 107+64.00		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

80 75 70 65 60 55 50 45 40 35 30 25 20 15 10 5 0 5 10 15 20 25 30 35 40 45 50 55 60 65 70 75 80

DATE: _____
 BY: _____
 SURVEYED: _____
 PLOTTED: _____
 NO. TO BOOK: _____
 AREAS CHECKED: _____

DATE: _____
 BY: _____
 ORIGINAL SURVEYED: _____
 PLOTTED: _____
 NO. TO BOOK: _____
 AREAS CHECKED: _____

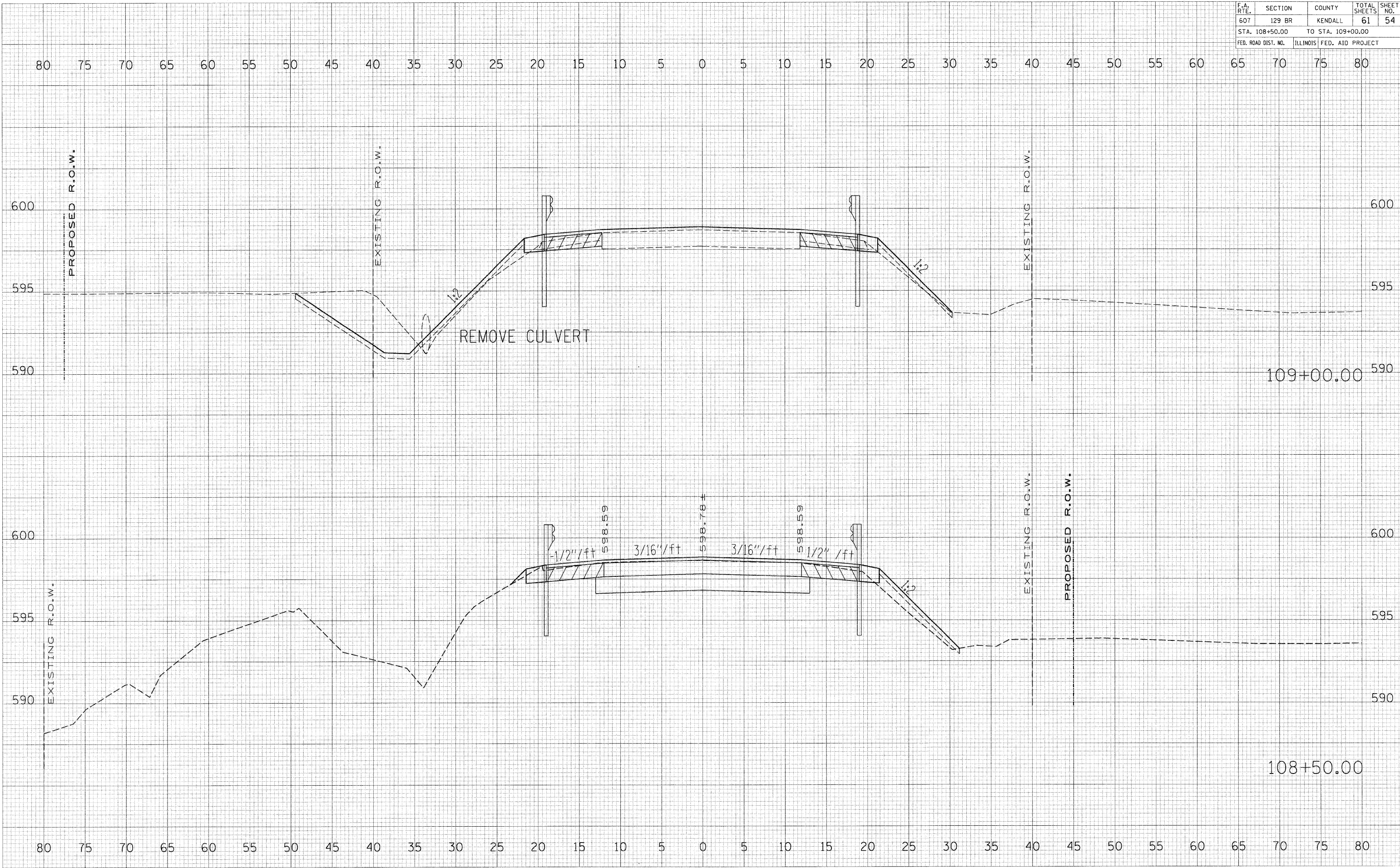
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 PLOT SCALE = 1"=50'
 USER NAME = USER



107+64.00

80 75 70 65 60 55 50 45 40 35 30 25 20 15 10 5 0 5 10 15 20 25 30 35 40 45 50 55 60 65 70 75 80

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
607	129 BR	KENDALL	61	54
STA. 108+50.00		TO STA. 109+00.00		
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			

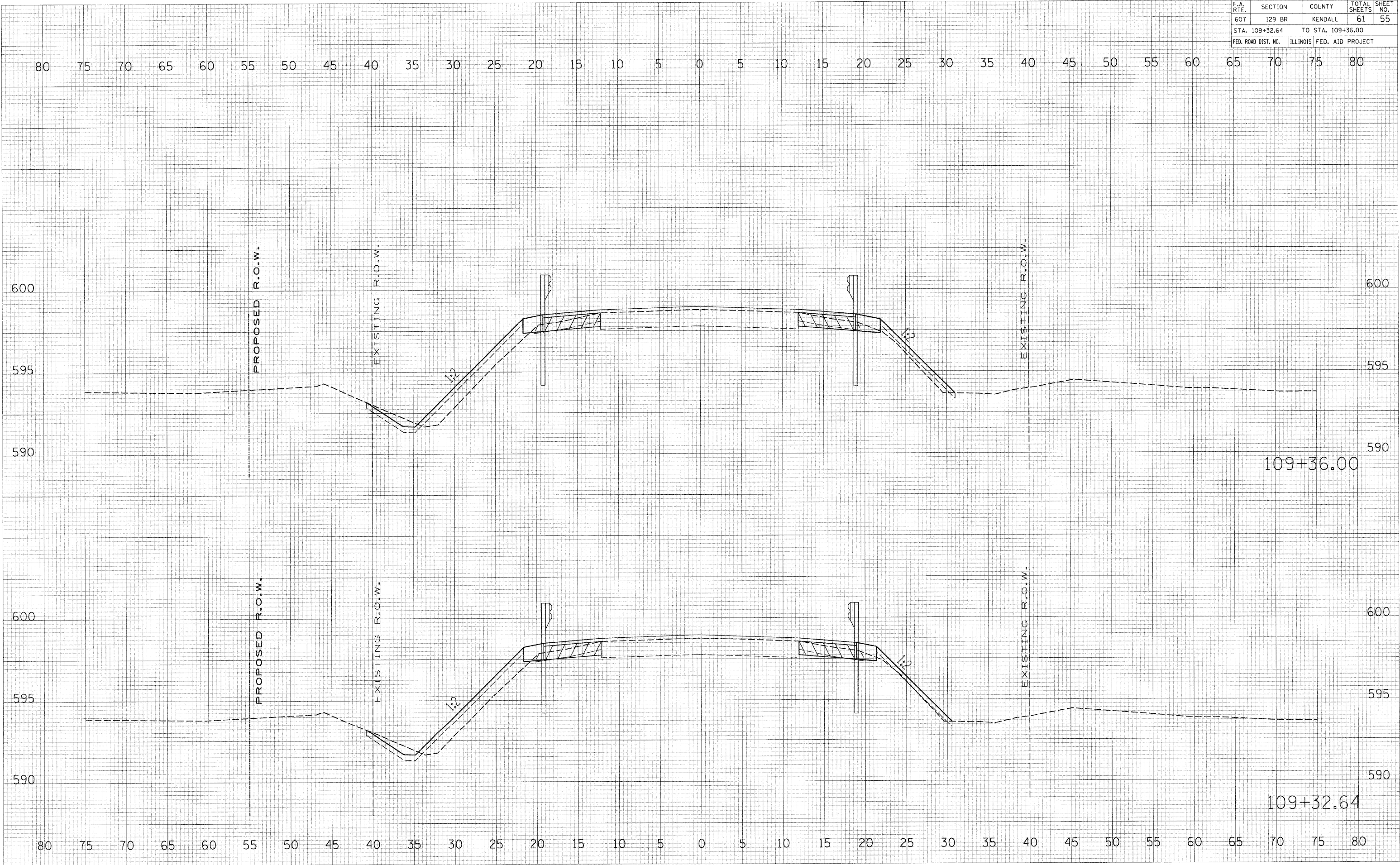


DATE: _____ BY: _____
 SURVEYED: _____ PLOTTED: _____
 SURVEY: _____ NOTE BOOK: _____
 NO. _____ AREAS CHECKED: _____

DATE: _____ BY: _____
 SURVEYED: _____ PLOTTED: _____
 SURVEY: _____ NOTE BOOK: _____
 NO. _____ AREAS CHECKED: _____

PLOT DATE: 10/17/2007
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 PLOT SCALE: 1"=40'
 USER NAME: USER

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
607	129 BR	KENDALL	61	55
STA. 109+32.64		TO STA. 109+36.00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

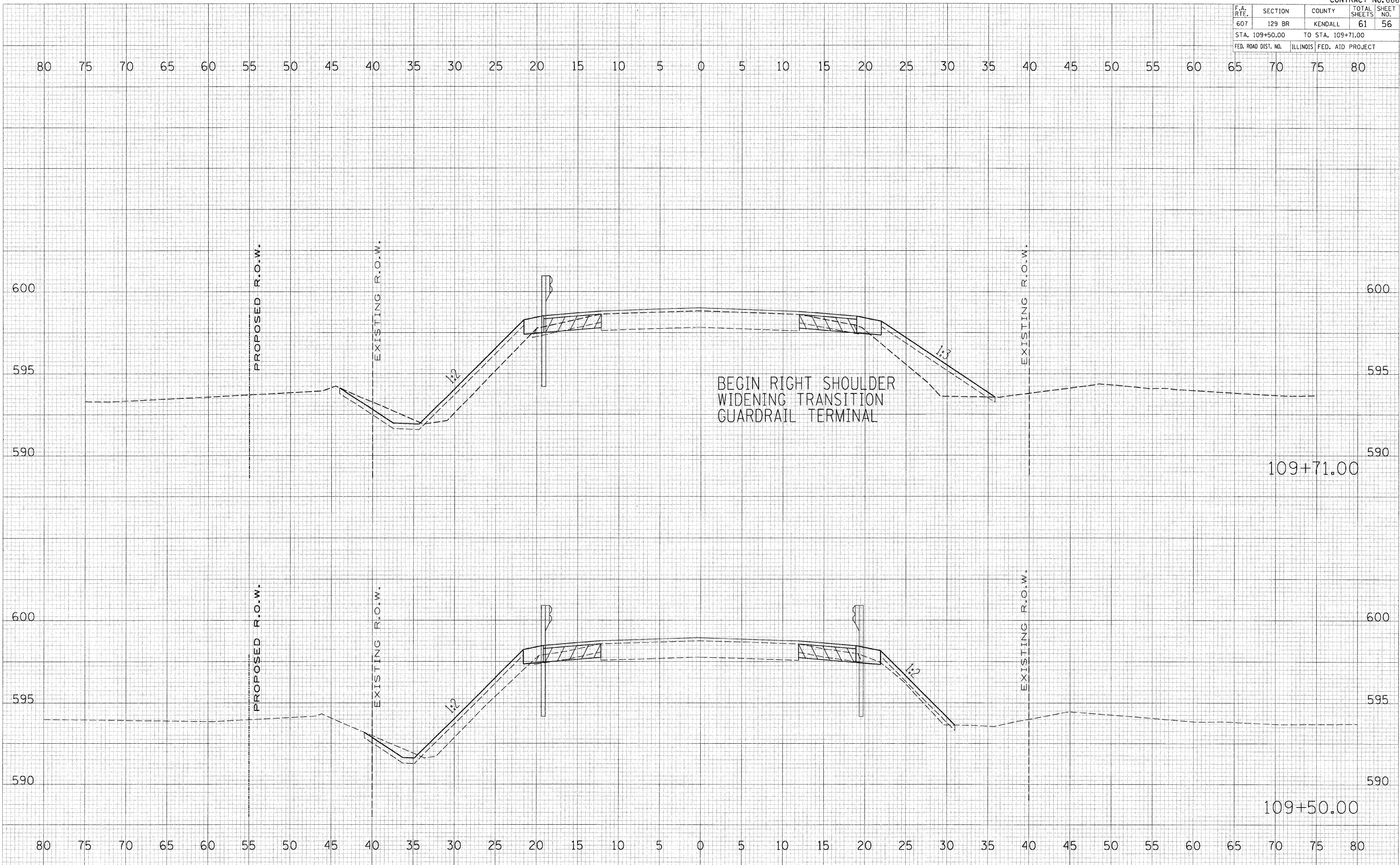


DATE _____
 BY _____
 SURVEYED _____
 PLOTTED _____
 FINAL SURVEY NOTE BOOK NO. _____
 AREAS CHECKED _____

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

PLOT DATE = 12/17/2007
 PLOT SCALE = 1"=40'
 USER NAME = JUSER

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
607	129 BR	KENDALL	61	56
STA. 109+50.00 TO STA. 109+71.00			FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT	



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

DATE	BY
ORIGINAL SURVEY	PLOTTED
NO. _____	NO. _____
FINAL SURVEY NOTE BOOK	AREAS CHECKED

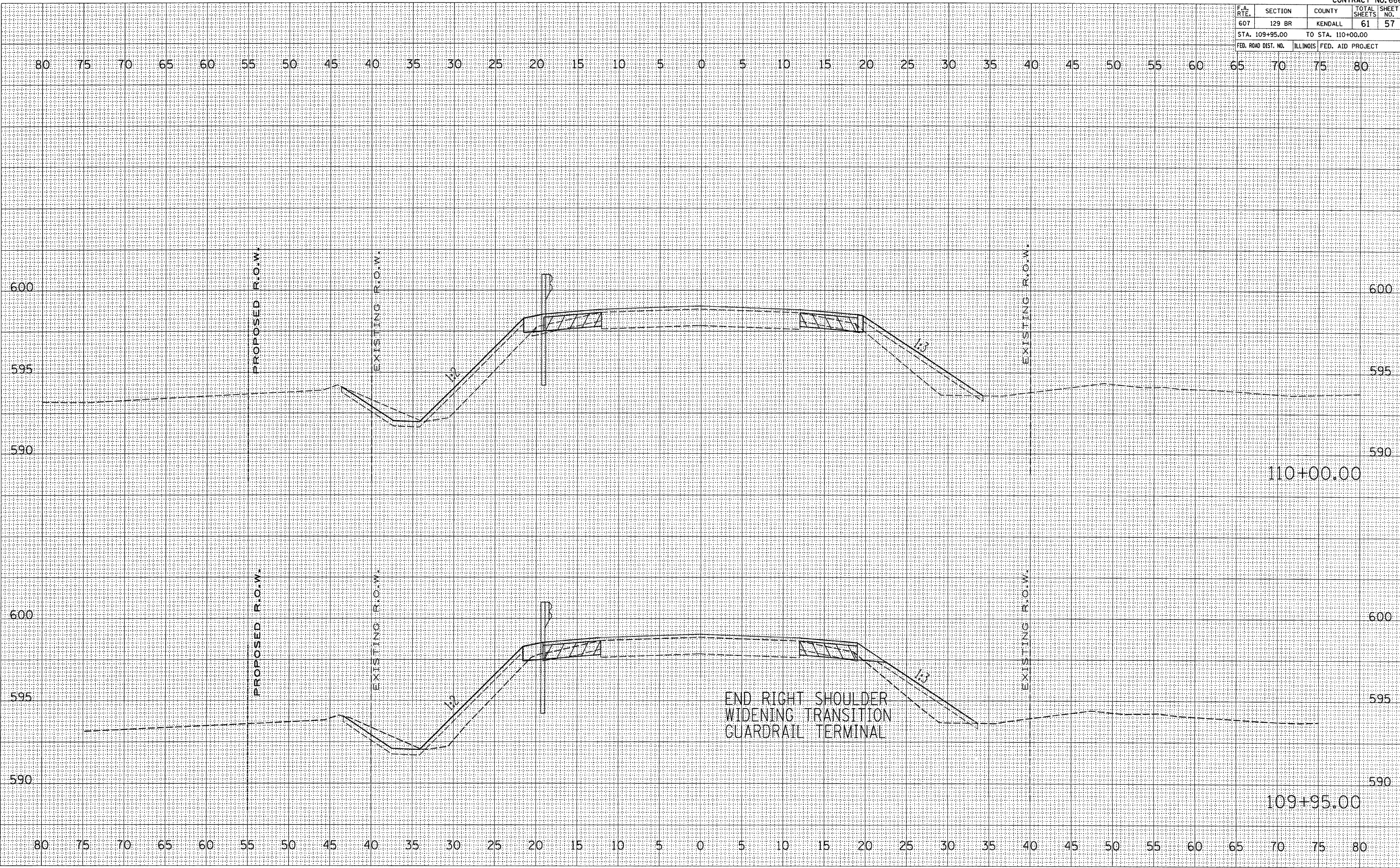
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F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
607	129 BR	KENDALL	61	57
STA. 109+95.00 TO STA. 110+00.00				
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

DATE	
BY	
FINAL SURVEY	
NOTE BOOK	
AREAS CHECKED	
NO.	

DATE	
BY	
ORIGINAL SURVEY	
NOTE BOOK	
AREAS CHECKED	
NO.	

PLOT DATE = Aug 06, 2008 - 01:52:05 PM
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 USER NAME = merrillc

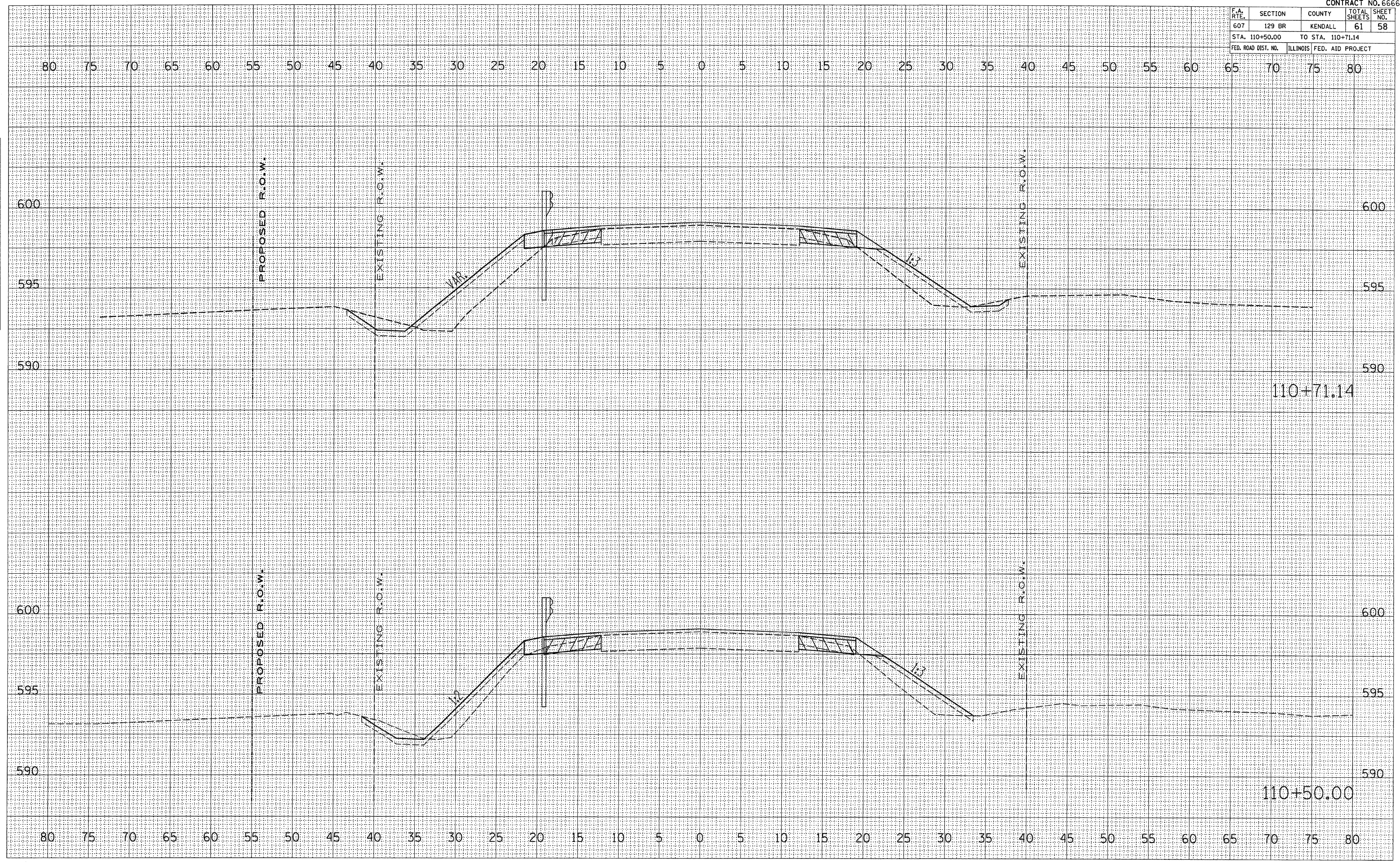


F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
607	129 BR	KENDALL	61	58
STA. 110+50.00		TO STA. 110+71.14		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

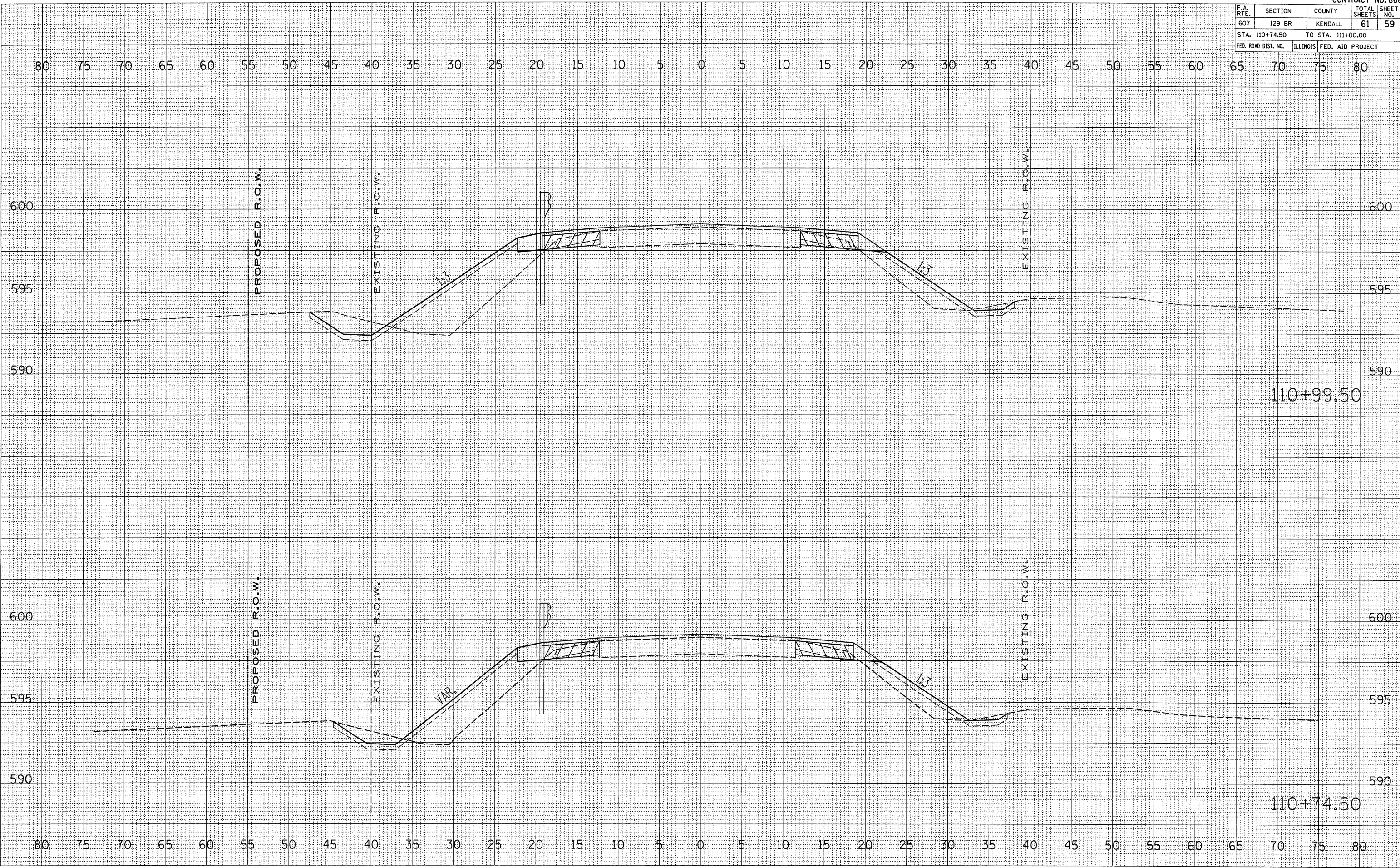
FINAL SURVEY	BY	DATE
SURVEYED		
NOTE BOOK		
NO.		

ORIGINAL SURVEY	BY	DATE
SURVEYED		
NOTE BOOK		
NO.		

PLOT DATE = Aug 06, 2008 - 01:52:16 PM
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 PLOT SCALE = 5.0000' / IN.
 USER NAME = vanceko



F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
607	129 BR	KENDALL	61	59
STA. 110+74.50 TO STA. 111+00.00				
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



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

ORIGINAL SURVEY BY DATE
 SURVEYED BY DATE
 AREAS CHECKED

PLOT DATE = Aug 06, 2008 - 01:52:25 PM
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 USER NAME = venselco

110+99.50

110+74.50

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
607	129 BR	KENDALL	61	61
STA. 111+50.00		TO STA. 112+00.00		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

FINAL SURVEY NO. _____

BY _____ DATE _____

SURVEYED _____

NOTE BOOK _____

AREAS CHECKED _____

ORIGINAL SURVEY NO. _____

BY _____ DATE _____

SURVEYED _____

NOTE BOOK _____

AREAS CHECKED _____

PLOT DATE = Aug 06, 2008 - 01:52:44 PM

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PLOT SCALE = 1:8000 / IN.

USER NAME = merrillc

