

PART OF THE N.W. 1/4 OF SECTION 09, T2S, R8W, OF THE 3RD PM, ST. CLAIR COUNTY, ILLINOIS

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

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



LEGEND

- | | | | |
|--|---|--|----------------------------------|
| | SECTION CORNER | | QUARTER SECTION CORNER |
| | EXISTING CENTERLINE | | EXISTING RIGHT OF WAY LINE |
| | EXISTING EASEMENT LINE | | PROPOSED CENTERLINE |
| | PROPOSED RIGHT OF WAY LINE | | PROPOSED TEMPORARY EASEMENT LINE |
| | PROPOSED PERMANENT EASEMENT LINE | | SECTION LINE |
| | QUARTER SECTION LINE | | QUARTER SECTION LINE |
| | PROPERTY (DEED) LINE | | APPARENT PROPERTY LINE |
| | MEASURED DIMENSION | | COMPUTED DIMENSION |
| | ENGLISH EQUIVALENT TO METRIC DIM. | | RECORDED DIMENSION |
| | FOUND IRON PIPE OR IRON ROD | | SET 5/8 INCH IRON ROD |
| | PERMANENT SURVEY MONUMENT, I.D.O.T. STD. 2135 (TO BE SET BY OTHERS) | | CUT CROSS FOUND OR SET |
| | SAME OWNERSHIP | | |

- STAKING OF PROPOSED RIGHT OF WAY. SET 5/8 INCH METAL ROD WITH DIVISION OF HIGHWAY SURVEY MARKER TO MONUMENT THE POSITION SHOWN, IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.
- M STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS. SET 5/8 INCH METAL ROD WITH DIVISION OF HIGHWAY SURVEY MARKER 20 INCHES BELOW GROUND SURFACE TO MONUMENT THE POSITION SHOWN, IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.

STATE OF ILLINOIS)
) SS
COUNTY OF ST. CLAIR)

THIS IS TO CERTIFY THAT I, EDGAR M. BARNAL AN ILLINOIS PROFESSIONAL LAND SURVEYOR, HAS SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 9, TOWNSHIP 2 SOUTH, RANGE 8 WEST, OF THE THIRD PRINCIPAL MERIDIAN, ST. CLAIR COUNTY, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED, MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

DATED 6-24-2004

Edgar M. Barnal
EDGAR M. BARNAL, PLS #2750
Exp. 11-30-2004



RIGHT OF WAY ESTABLISHED FOR ILLINOIS ROUTE 159 USING INFORMATION SUPPLIED BY THE ILLINOIS DEPARTMENT OF TRANSPORTATION AND PLAT BOOK 28 ON PAGE 9 & 10

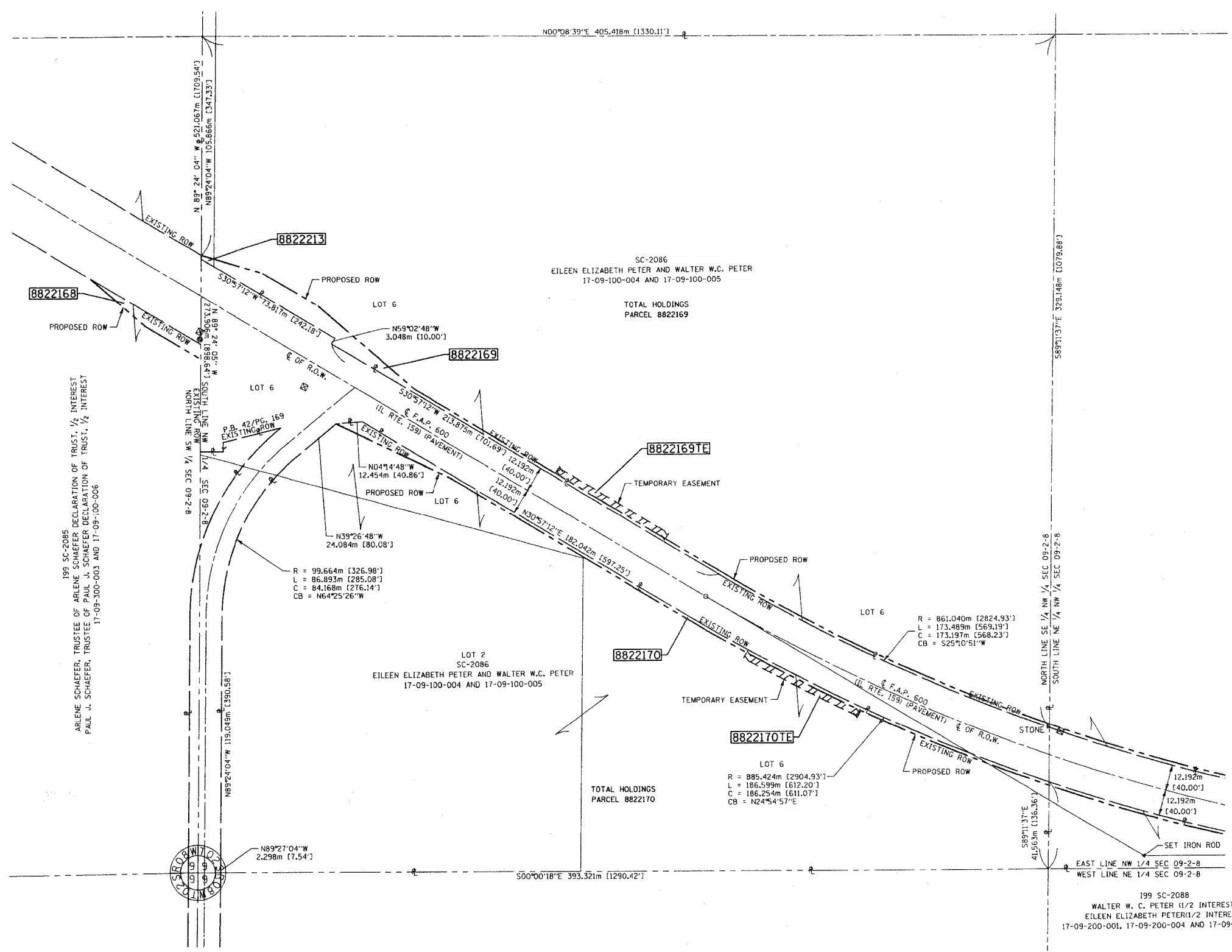
THOUVENOT, WADE & MOERCHEN, INC.
4940 OLD COLLINSVILLE ROAD
SWANSEA, ILLINOIS 62226
(618) 624-4488

ILLINOIS DEPARTMENT OF TRANSPORTATION
PLAT OF HIGHWAYS
FAP ROUTE 600 (IL 159)
SECTION (45,46,51) RS-3
ST. CLAIR COUNTY
JOB NO. R-98-022-98

STATION TO STATION
0 m 25 m 50 m 75 m
SCALE 1:1000 SHEET 64 OF 90

ILLINOIS DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS/DISTRICT 8
1102 EASTPORT PLAZA DRIVE
COLLINSVILLE, ILLINOIS 62234-6198

SHEET 1 OF 90 IS A COVER SHEET



DATE
DATE
DATE
DATE
DATE
DATE
DATE
DATE
DATE
DATE

PLOT DATE: DATE-TIME

PART OF THE N.W. 1/4 AND THE N.E. 1/4 OF SECTION 09, T2S, R8W, OF THE 3RD PM, ST. CLAIR COUNTY, ILLINOIS

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

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

LEGEND

- SECTION CORNER
- QUARTER SECTION CORNER
- EXISTING CENTERLINE
- EXISTING RIGHT OF WAY LINE
- EXISTING EASEMENT LINE
- PROPOSED CENTERLINE
- PROPOSED RIGHT OF WAY LINE
- PROPOSED TEMPORARY EASEMENT LINE
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- PROPERTY (DEED) LINE
- APPARENT PROPERTY LINE
- MEASURED DIMENSION
- COMPUTED DIMENSION
- ENGLISH EQUIVALENT TO METRIC DIM.
- RECORDED DIMENSION
- FOUND IRON PIPE OR IRON ROD
- SET 5/8 INCH IRON ROD
- PERMANENT SURVEY MONUMENT, I.D.O.T. STD. 2135
- CUT CROSS FOUND OR SET
- SAME OWNERSHIP

- STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS. SET 5/8 INCH METAL ROD WITH DIVISION OF HIGHWAY SURVEY MARKER 20 INCHES BELOW GROUND SURFACE TO MONUMENT THE POSITION SHOWN, IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.
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STATE OF ILLINOIS)
COUNTY OF ST. CLAIR) SS

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DATED 6-24-2004

Edgar M. Barnal
EDGAR M. BARNAL, PLS #2750
Exp. 11-30-2009



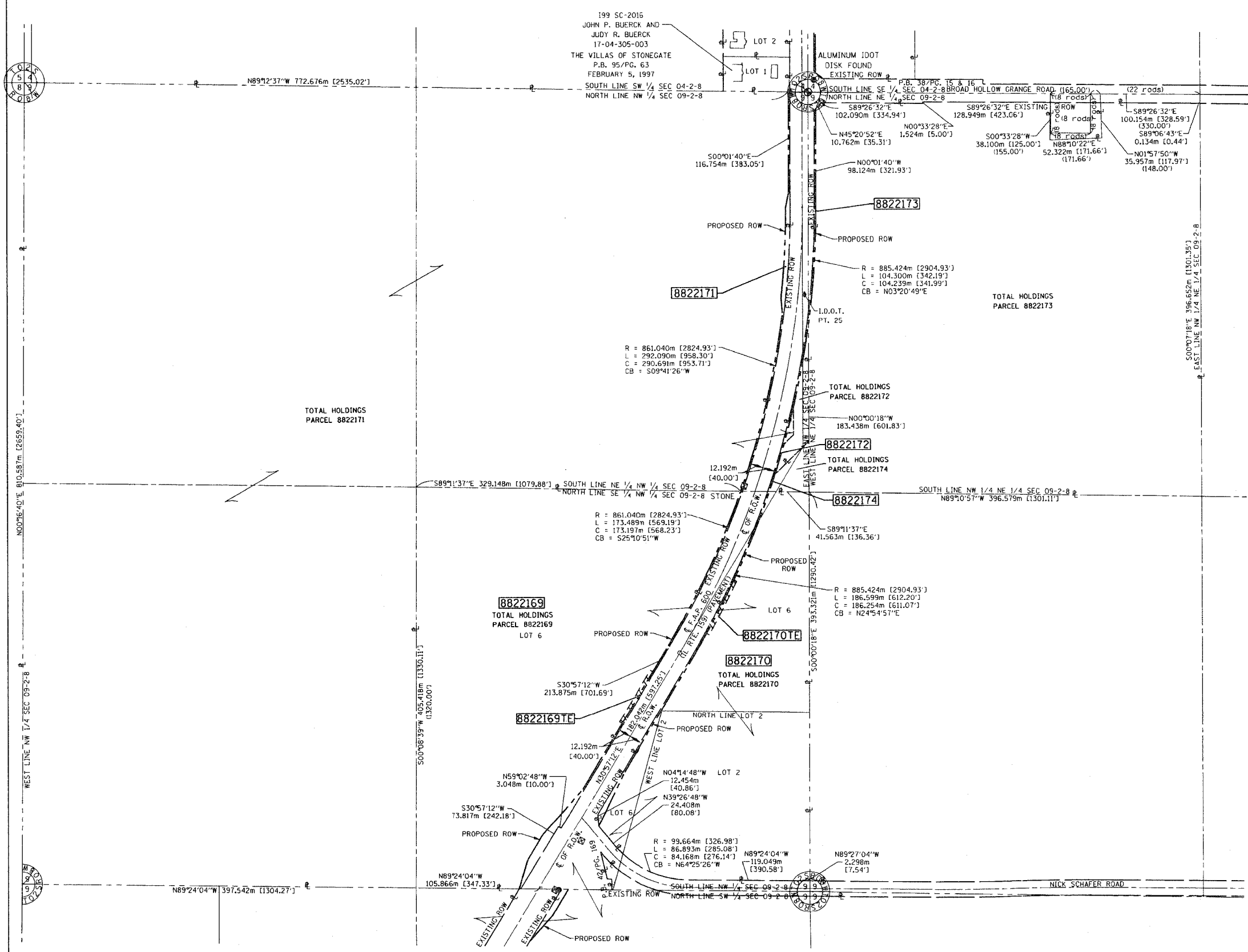
RIGHT OF WAY ESTABLISHED FOR ILLINOIS ROUTE 159 USING INFORMATION SUPPLIED BY THE ILLINOIS DEPARTMENT OF TRANSPORTATION AND PLAT BOOK 28 ON PAGE 9 & 10

THOUVENOT, WADE & MOERCHEN, INC.
4940 OLD COLLINSVILLE ROAD
SWANSEA, ILLINOIS 62226
(618) 624-4488

ILLINOIS DEPARTMENT OF TRANSPORTATION
PLAT OF HIGHWAYS
 FAP ROUTE 600 (IL 159)
 SECTION (45,46,51) RS-3
 ST. CLAIR COUNTY
 JOB NO. R-98-022-98

STATION TO STATION
 0 m 50 m 100 m 150 m
 SCALE 1:2000 SHEET 65 OF 90

ILLINOIS DEPARTMENT OF TRANSPORTATION
 DIVISION OF HIGHWAYS/DISTRICT 8
 1102 EASTPORT PLAZA DRIVE
 COLLINSVILLE, ILLINOIS 62234-6198



DATE: 6-24-2004
DRAWN: [Name]
CHECKED: [Name]
REF: [Name]
REF: [Name]

PART OF THE S.E. 1/4 OF SECTION 4, T2S, R8W, OF THE 3RD PM, ST. CLAIR COUNTY, ILLINOIS

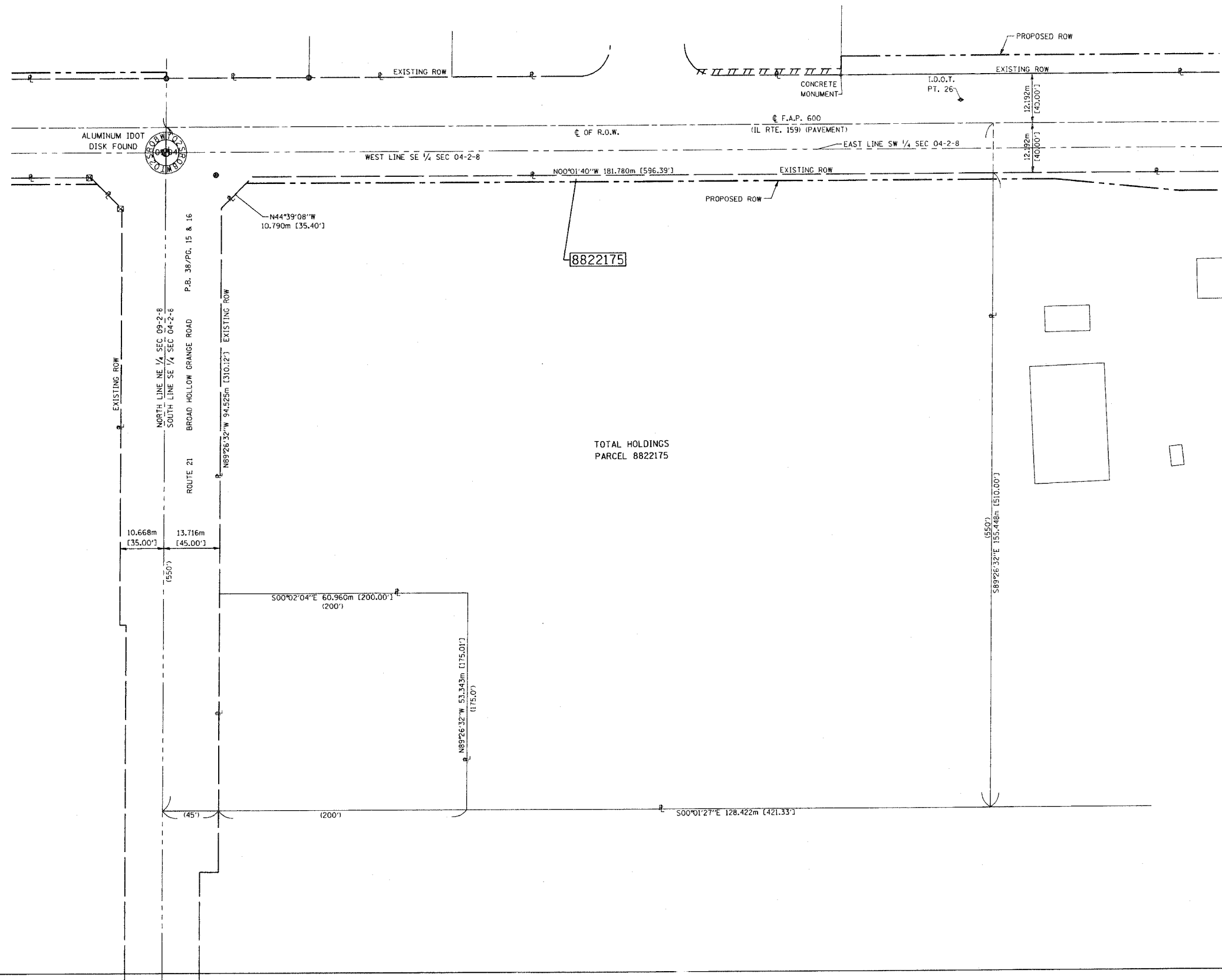
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BEARINGS SHOWN HEREON ARE BASED ON SURVEY CONTROL DATA AS PROVIDED BY THE ILLINOIS DEPARTMENT OF TRANSPORTATION.



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- QUARTER SECTION CORNER
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- EXISTING RIGHT OF WAY LINE
- EXISTING EASEMENT LINE
- PROPOSED CENTERLINE
- PROPOSED RIGHT OF WAY LINE
- PROPOSED TEMPORARY EASEMENT LINE
- PROPOSED PERMANENT EASEMENT LINE
- SECTION LINE
- QUARTER SECTION LINE
- QUARTER QUARTER SECTION LINE
- PROPERTY (DEED) LINE
- APPARENT PROPERTY LINE
- APL
- MEASURED DIMENSION
- COMPUTED DIMENSION
- ENGLISH EQUIVALENT TO METRIC DIM.
- RECORDED DIMENSION
- FOUND IRON PIPE OR IRON ROD
- SET 5/8 INCH IRON ROD
- PERMANENT SURVEY MONUMENT, I.D.O.T. STD. 2135 (TO BE SET BY OTHERS)
- CUT CROSS FOUND OR SET
- SAME OWNERSHIP



TOTAL HOLDINGS
PARCEL 8822175

- STAKING OF PROPOSED RIGHT OF WAY. SET 5/8 INCH METAL ROD WITH DIVISION OF HIGHWAY SURVEY MARKER TO MONUMENT THE POSITION SHOWN, IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.
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STATE OF ILLINOIS)
) SS
COUNTY OF ST. CLAIR)

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DATED 6-24-2004
Edgar M. Barnal
EDGAR M. BARNAL, PLS #2750
Exp. 11-30-2004



RIGHT OF WAY ESTABLISHED FOR ILLINOIS ROUTE 159 USING INFORMATION SUPPLIED BY THE ILLINOIS DEPARTMENT OF TRANSPORTATION AND PLAT BOOK 28 ON PAGE 9 & 10

THOUVENOT, WADE & MOERCHEN, INC.
4940 OLD COLLINSVILLE ROAD
SWANSEA, ILLINOIS 62226
(618) 624-4488

ILLINOIS DEPARTMENT OF TRANSPORTATION
PLAT OF HIGHWAYS
 FAP ROUTE 600 (IL 159)
 SECTION (45,46,51) RS-3
 ST. CLAIR COUNTY
 JOB NO. R-98-022-98

STATION TO STATION
 0 m 12.5 m 25 m 37.5 m
 SCALE 1:500 SHEET 66 OF 90

ILLINOIS DEPARTMENT OF TRANSPORTATION
 DIVISION OF HIGHWAYS/DISTRICT 8
 1102 EASTPORT PLAZA DRIVE
 COLLINSVILLE, ILLINOIS 62234-6198

SHEET 1 OF 90 IS A COVER SHEET

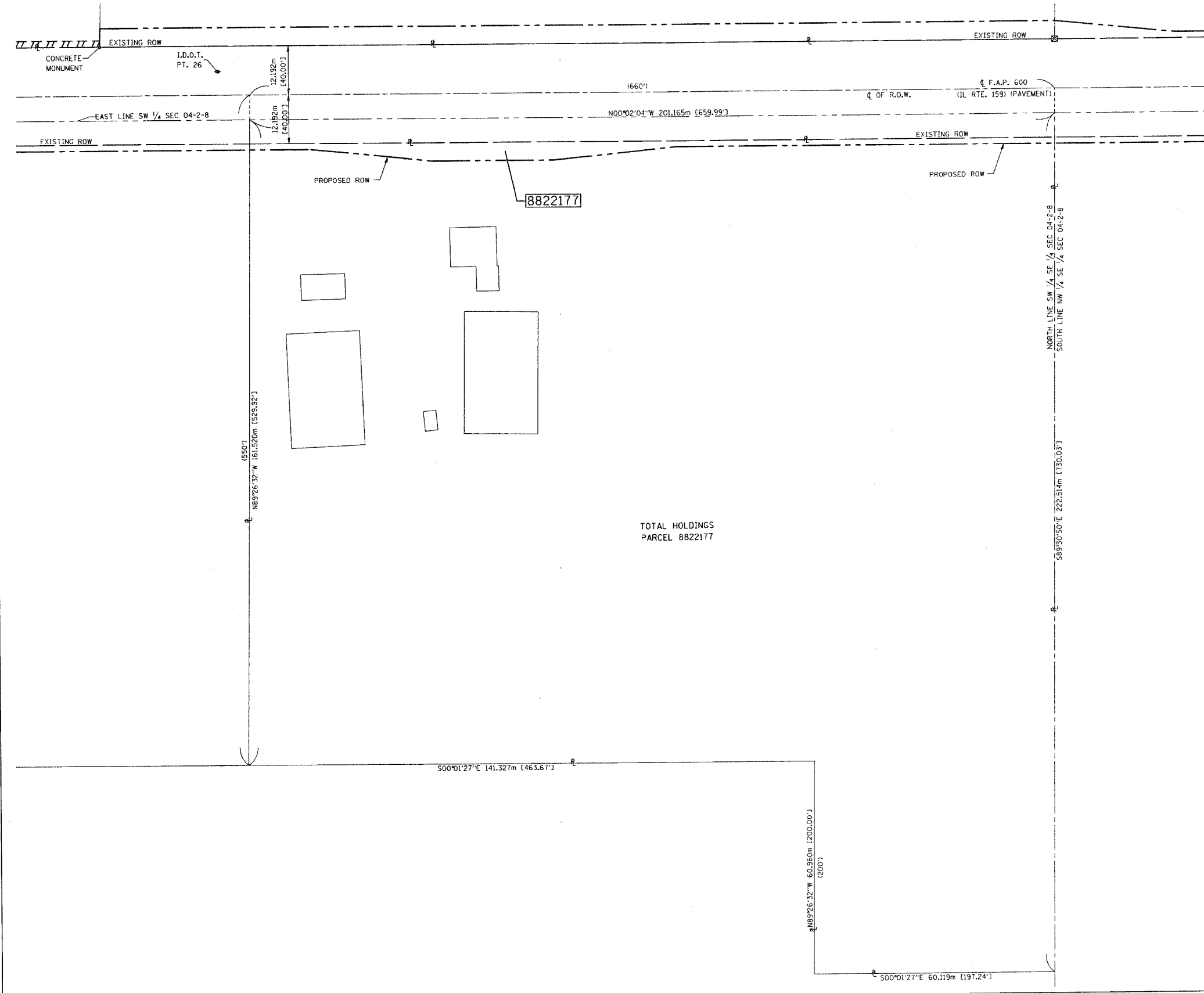
DATE-TIME
DATE-TIME
DATE-TIME
DATE-TIME
DATE-TIME
DATE-TIME
DATE-TIME
DATE-TIME

PLOT DATE: DATE-TIME

PART OF THE S.E. 1/4 OF SECTION 4, T2S, R8W, OF THE 3RD PM, ST. CLAIR COUNTY, ILLINOIS

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

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LEGEND

	SECTION CORNER		QUARTER SECTION CORNER
	EXISTING CENTERLINE		EXISTING RIGHT OF WAY LINE
	EXISTING EASEMENT LINE		PROPOSED CENTERLINE
	PROPOSED RIGHT OF WAY LINE		PROPOSED TEMPORARY EASEMENT LINE
	PROPOSED PERMANENT EASEMENT LINE		SECTION LINE
	QUARTER SECTION LINE		QUARTER QUARTER SECTION LINE
	PROPERTY (DEED) LINE		APPARENT PROPERTY LINE
	MEASURED DIMENSION		COMPUTED DIMENSION
	ENGLISH EQUIVALENT TO METRIC DIM.		RECORDED DIMENSION
	FOUND IRON PIPE OR IRON ROD		SET 5/8 INCH IRON ROD
	PERMANENT SURVEY MONUMENT, I.D.O.T. STD. 2135 (TO BE SET BY OTHERS)		CUT CROSS FOUND OR SET
	SAME OWNERSHIP		

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STATE OF ILLINOIS)
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COUNTY OF ST. CLAIR)

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Edgar M. Barnal
EDGAR M. BARNAL, PLS #2750
Exp 11-30-2004



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THOUVENOT, WADE & MOERCHEN, INC.
4940 OLD COLLINSVILLE ROAD
SWANSEA, ILLINOIS 62226
(618) 624-4488

ILLINOIS DEPARTMENT OF TRANSPORTATION
PLAT OF HIGHWAYS
FAP ROUTE 600 (IL 159)
SECTION (45,46,51) RS-3
ST. CLAIR COUNTY
JOB NO. R-98-022-98

STATION TO STATION
0 m 25 m 50 m 75 m
SCALE 1:1000 SHEET 67 OF 90

ILLINOIS DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS/DISTRICT 8
1102 EASTPORT PLAZA DRIVE
COLLINSVILLE, ILLINOIS 62234-6198
SHEET 1 OF 90 IS A COVER SHEET

TOTAL HOLDINGS
PARCEL 8822177

DATE
DATE-TIME
JOB-SPEC
REF.
REF.
REF.

PLOT DATE: DATE-TIME

PART OF THE N.E. 1/4 OF SECTION 04, T2S, R8W, OF THE 3RD PM, ST. CLAIR COUNTY, ILLINOIS

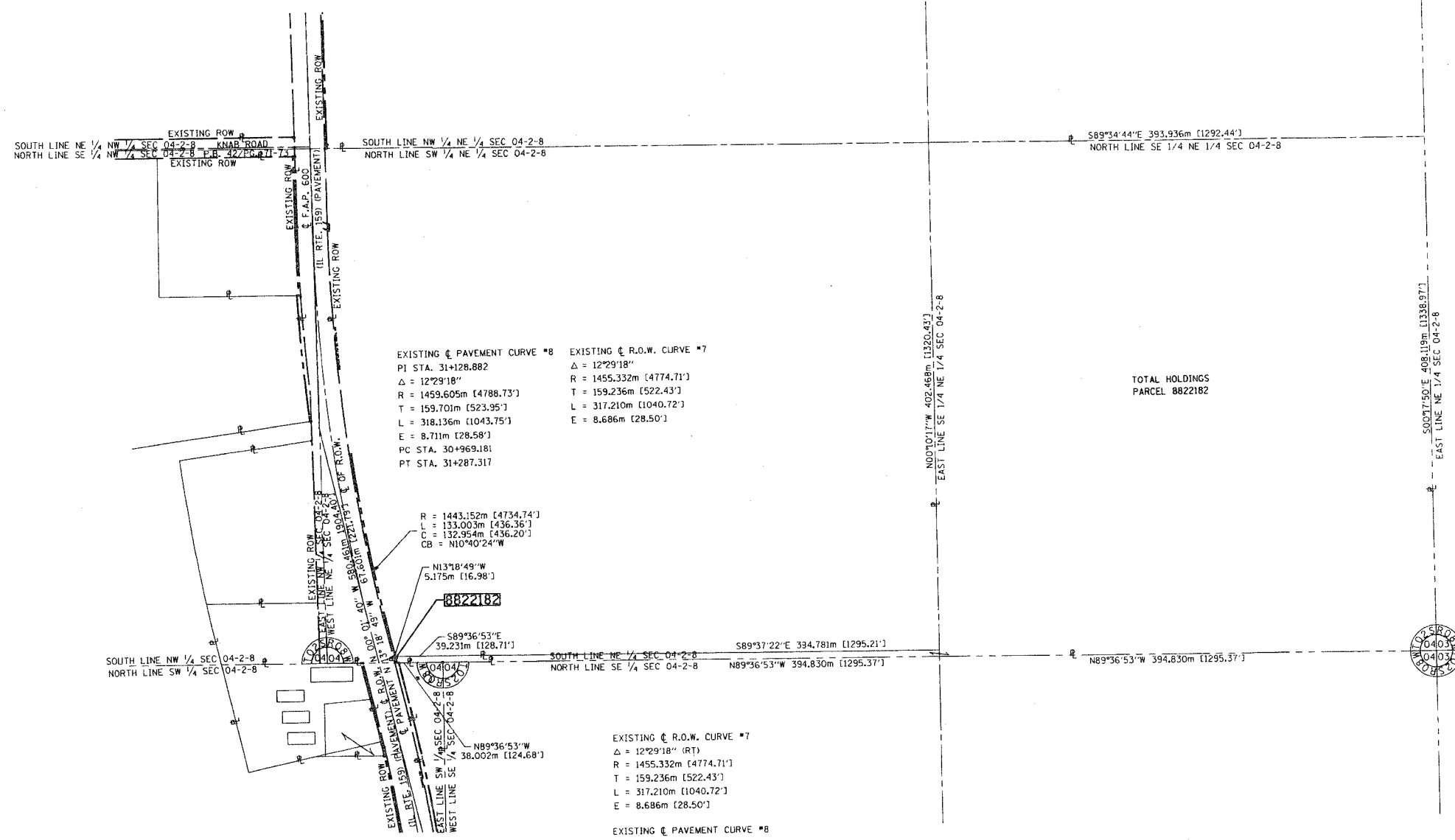
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BEARINGS SHOWN HEREON ARE BASED ON SURVEY CONTROL DATA AS PROVIDED BY THE ILLINOIS DEPARTMENT OF TRANSPORTATION.



LEGEND

	SECTION CORNER		QUARTER SECTION CORNER
	EXISTING CENTERLINE		EXISTING RIGHT OF WAY LINE
	EXISTING EASEMENT LINE		PROPOSED CENTERLINE
	PROPOSED RIGHT OF WAY LINE		PROPOSED TEMPORARY EASEMENT LINE
	PROPOSED PERMANENT EASEMENT LINE		SECTION LINE
	QUARTER SECTION LINE		QUARTER QUARTER SECTION LINE
	PROPERTY (DEED) LINE		APPL
	APPARENT PROPERTY LINE		MEASURED DIMENSION
	121.456 m		COMPUTED DIMENSION
	123.456 m (COMP)		ENGLISH EQUIVALENT TO METRIC DIM.
	[405.04']		RECORDED DIMENSION
	(123.45)		FOUND IRON PIPE OR IRON ROD
			SET 5/8 INCH IRON ROD
			PERMANENT SURVEY MONUMENT,
			I.D.O.T. STD. 2135
			(TO BE SET BY OTHERS)
			CUT CROSS FOUND OR SET
			SAME OWNERSHIP
			STAKING OF PROPOSED RIGHT OF WAY. SET 5/8 INCH METAL ROD WITH DIVISION OF HIGHWAY SURVEY MARKER TO MONUMENT THE POSITION SHOWN, IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.
			STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS. SET 5/8 INCH METAL ROD WITH DIVISION OF HIGHWAY SURVEY MARKER 20 INCHES BELOW GROUND SURFACE TO MONUMENT THE POSITION SHOWN, IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.



EXISTING ϕ PAVEMENT CURVE *8
 PI STA. 31+128.882
 $\Delta = 12^{\circ}29'18''$
 R = 1459.605m [4788.73']
 T = 159.701m [523.95']
 L = 318.136m [1043.75']
 E = 8.711m [28.58']
 PC STA. 30+969.181
 PT STA. 31+287.317

EXISTING ϕ R.O.W. CURVE *7
 $\Delta = 12^{\circ}29'18''$
 R = 1455.332m [4774.71']
 T = 159.236m [522.43']
 L = 317.210m [1040.72']
 E = 8.686m [28.50']

R = 1443.152m [4734.74']
 $\Delta = 133.003m [436.36']$
 C = 132.954m [436.20']
 CB = N10°40'24\"/>

N13°18'49\"/>

5.175m [16.98']

S89°36'53\"/>

39.231m [128.71']

N89°36'53\"/>

38.002m [124.68']

EXISTING ϕ R.O.W. CURVE *7
 $\Delta = 12^{\circ}29'18''$ (RT)
 R = 1455.332m [4774.71']
 T = 159.236m [522.43']
 L = 317.210m [1040.72']
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EXISTING ϕ PAVEMENT CURVE *8
 PI STA. 31+128.882
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 R = 1459.605m [4788.73']
 T = 159.701m [523.95']
 L = 318.136m [1043.75']
 E = 8.711m [28.58']
 PC STA. 30+969.181
 PT STA. 31+287.317

TOTAL HOLDINGS
 PARCEL 8822182

STATE OF ILLINOIS)
) SS
 COUNTY OF ST. CLAIR)

THIS IS TO CERTIFY THAT I, EDGAR M. BARNAL AN ILLINOIS PROFESSIONAL LAND SURVEYOR, HAS SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 4, TOWNSHIP 2 SOUTH, RANGE 8 WEST, OF THE THIRD PRINCIPAL MERIDIAN, ST. CLAIR COUNTY, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED, MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

DATED 6-24-2004
 Edgar M. Barnal
 EDGAR M. BARNAL, PLS #2750
 Exp. 11-30-2004



RIGHT OF WAY ESTABLISHED FOR ILLINOIS ROUTE 159 USING INFORMATION SUPPLIED BY THE ILLINOIS DEPARTMENT OF TRANSPORTATION AND PLAT BOOK 28 ON PAGE 9 & 10

THOUVENOT, WADE & MOERCHEN, INC.
 4940 OLD COLLINSVILLE ROAD
 SWANSEA, ILLINOIS 62226
 (618) 624-4488

ILLINOIS DEPARTMENT OF TRANSPORTATION
PLAT OF HIGHWAYS
 FAP ROUTE 600 (IL 159)
 SECTION (45,46,51) RS-3
 ST. CLAIR COUNTY
 JOB NO. R-98-022-98

STATION TO STATION
 0 m 4000 m 8000 m 12000 m
 SCALE 1:4000 SHEET 68 OF 90

ILLINOIS DEPARTMENT OF TRANSPORTATION
 DIVISION OF HIGHWAYS/DISTRICT 8
 1102 EASTPORT PLAZA DRIVE
 COLLINSVILLE, ILLINOIS 62234-6198

SHEET 1 OF 90 IS A COVER SHEET

DATE
 DMS
 DMS
 REF
 REF
 REF

PLOT DATE: DATE-TIME

PART OF THE S.E. 1/4 OF SECTION 4, T2S, R8W, OF THE 3RD PM, ST. CLAIR COUNTY, ILLINOIS

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

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

LEGEND

SECTION CORNER

QUARTER SECTION CORNER

EXISTING CENTERLINE

EXISTING RIGHT OF WAY LINE

EXISTING EASEMENT LINE

PROPOSED CENTERLINE

PROPOSED RIGHT OF WAY LINE

PROPOSED TEMPORARY EASEMENT LINE

PROPOSED PERMANENT EASEMENT LINE

SECTION LINE

QUARTER SECTION LINE

QUARTER QUARTER SECTION LINE

PROPERTY (DEED) LINE

APL

APPARENT PROPERTY LINE

MEASURED DIMENSION

COMPUTED DIMENSION

ENGLISH EQUIVALENT TO METRIC DIM.

RECORDED DIMENSION

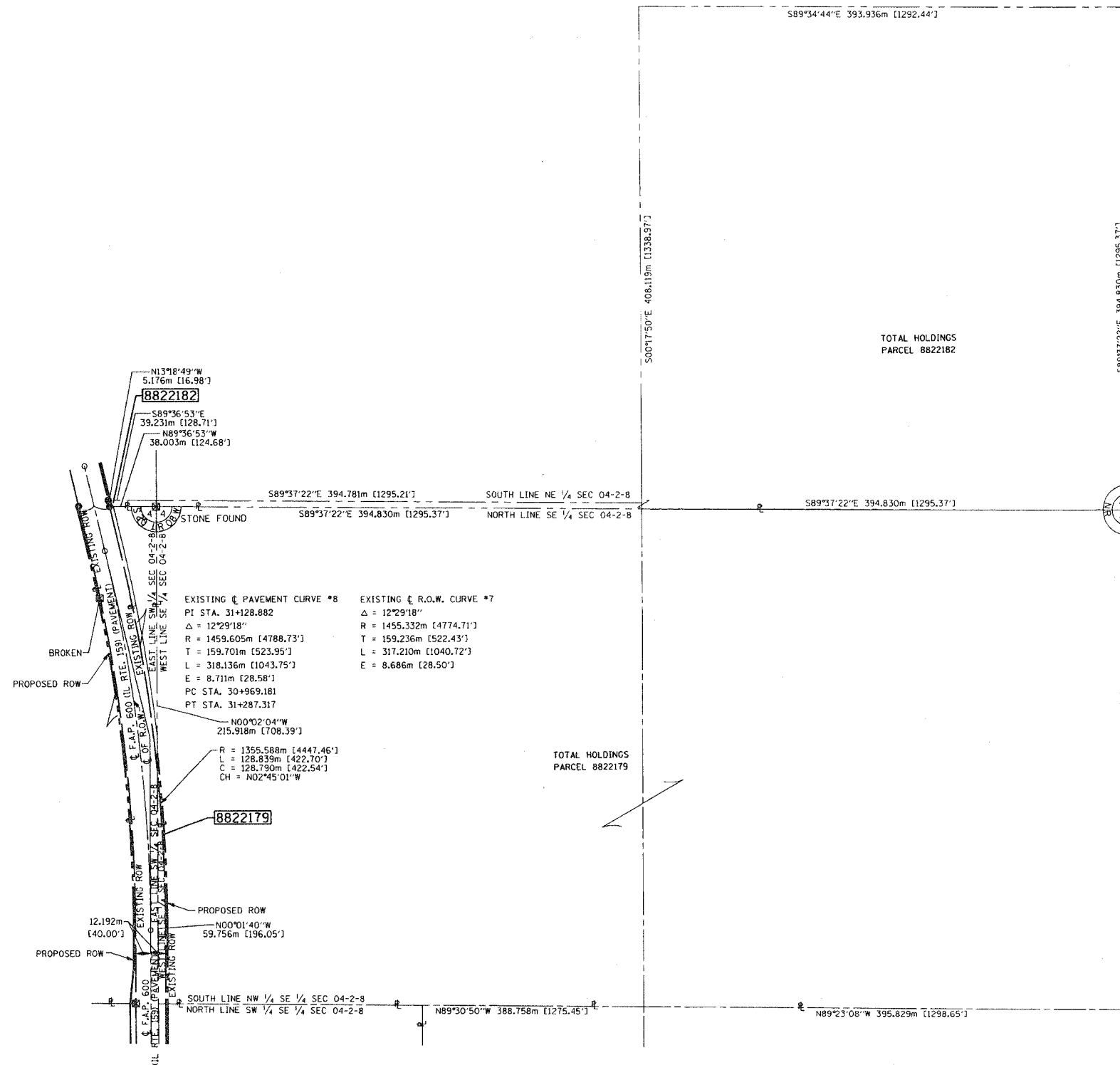
FOUND IRON PIPE OR IRON ROD

SET 5/8 INCH IRON ROD

PERMANENT SURVEY MONUMENT, I.D.O.T. STD. 2135 (TO BE SET BY OTHERS)

CUT CROSS FOUND OR SET

SAME OWNERSHIP



- STAKING OF PROPOSED RIGHT OF WAY. SET 5/8 INCH METAL ROD WITH DIVISION OF HIGHWAY SURVEY MARKER TO MONUMENT THE POSITION SHOWN, IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.
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Edgar M. Barnal
EDGAR M. BARNAL, PLS #2750
Exp. 11-30-2004



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THOUVENOT, WADE & MOERCHEN, INC.
4940 OLD COLLINSVILLE ROAD
SWANSEA, ILLINOIS 62226
(618) 624-4488

ILLINOIS DEPARTMENT OF TRANSPORTATION
PLAT OF HIGHWAYS
FAP ROUTE 600 (IL 159)
SECTION (45,46,51) RS-3
ST. CLAIR COUNTY
JOB NO. R-98-022-98

STATION TO STATION

0 m 50 m 100 m 150 m

SCALE 1:2000 SHEET 69 OF 90

ILLINOIS DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS-DISTRICT 8
1102 EASTPORT PLAZA DRIVE
COLLINSVILLE, ILLINOIS 62234-6198

SHEET 1 OF 90 IS A COVER SHEET

DATE
DRAWN
CHECKED
REF.
REF.

PLOT DATE: DATE-TIME

PART OF THE S.W. 1/4 OF SECTION 04, T2S, R8W, OF THE 3RD PM, ST. CLAIR COUNTY, ILLINOIS

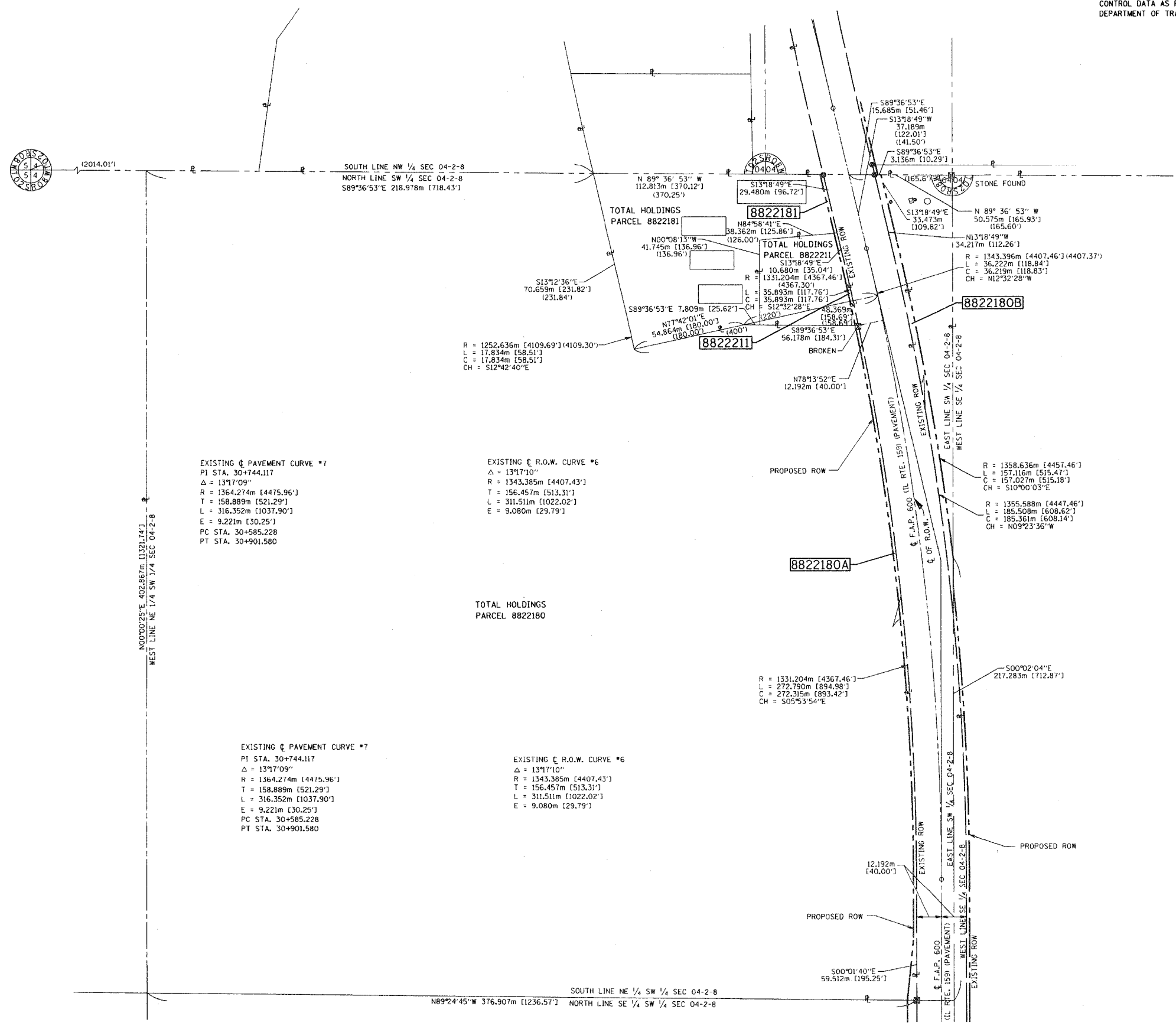
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BEARINGS SHOWN HEREON ARE BASED ON SURVEY CONTROL DATA AS PROVIDED BY THE ILLINOIS DEPARTMENT OF TRANSPORTATION.



LEGEND

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	EXISTING EASEMENT LINE		PROPOSED CENTERLINE
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	MEASURED DIMENSION		COMPUTED DIMENSION
	ENGLISH EQUIVALENT TO METRIC DIM.		RECORDED DIMENSION
	FOUND IRON PIPE OR IRON ROD		SET 5/8 INCH IRON ROD
	PERMANENT SURVEY MONUMENT, J.O.O.T. STD. 2135 (TO BE SET BY OTHERS)		CUT CROSS FOUND OR SET
	SAME OWNERSHIP		



- STAKING OF PROPOSED RIGHT OF WAY. SET 5/8 INCH METAL ROD WITH DIVISION OF HIGHWAY SURVEY MARKER TO MONUMENT THE POSITION SHOWN, IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.
- M STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS. SET 5/8 INCH METAL ROD WITH DIVISION OF HIGHWAY SURVEY MARKER 20 INCHES BELOW GROUND SURFACE TO MONUMENT THE POSITION SHOWN, IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.

STATE OF ILLINOIS)
COUNTY OF ST. CLAIR) SS

THIS IS TO CERTIFY THAT I, EDGAR M. BARNAL AN ILLINOIS PROFESSIONAL LAND SURVEYOR, HAS SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 4, TOWNSHIP 2 SOUTH, RANGE 8 WEST, OF THE THIRD PRINCIPAL MERIDIAN, ST. CLAIR COUNTY, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED, MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

DATED 6-24-2004

Edgar M. Barnal
EDGAR M. BARNAL, PLS #2750
Exp. 11-30-2004

RIGHT OF WAY ESTABLISHED FOR ILLINOIS ROUTE 159 USING INFORMATION SUPPLIED BY THE ILLINOIS DEPARTMENT OF TRANSPORTATION AND PLAT BOOK 28 ON PAGE 9 & 10

THOUVENOT, WADE & MDERCHEN, INC.
4940 OLD COLLINSVILLE ROAD
SWANSEA, ILLINOIS 62226
(618) 624-4488

ILLINOIS DEPARTMENT OF TRANSPORTATION
PLAT OF HIGHWAYS
FAP ROUTE 600 (IL 159)
SECTION (45,46,51) RS-3
ST. CLAIR COUNTY
JOB NO. R-98-022-98

STATION TO STATION
0 m 25 m 50 m 75 m
SCALE 1:1000

SHEET 70 OF 90

ILLINOIS DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS/DISTRICT 8
1102 EASTPORT PLAZA DRIVE
COLLINSVILLE, ILLINOIS 62234-6198

SHEET 1 OF 90 IS A COVER SHEET

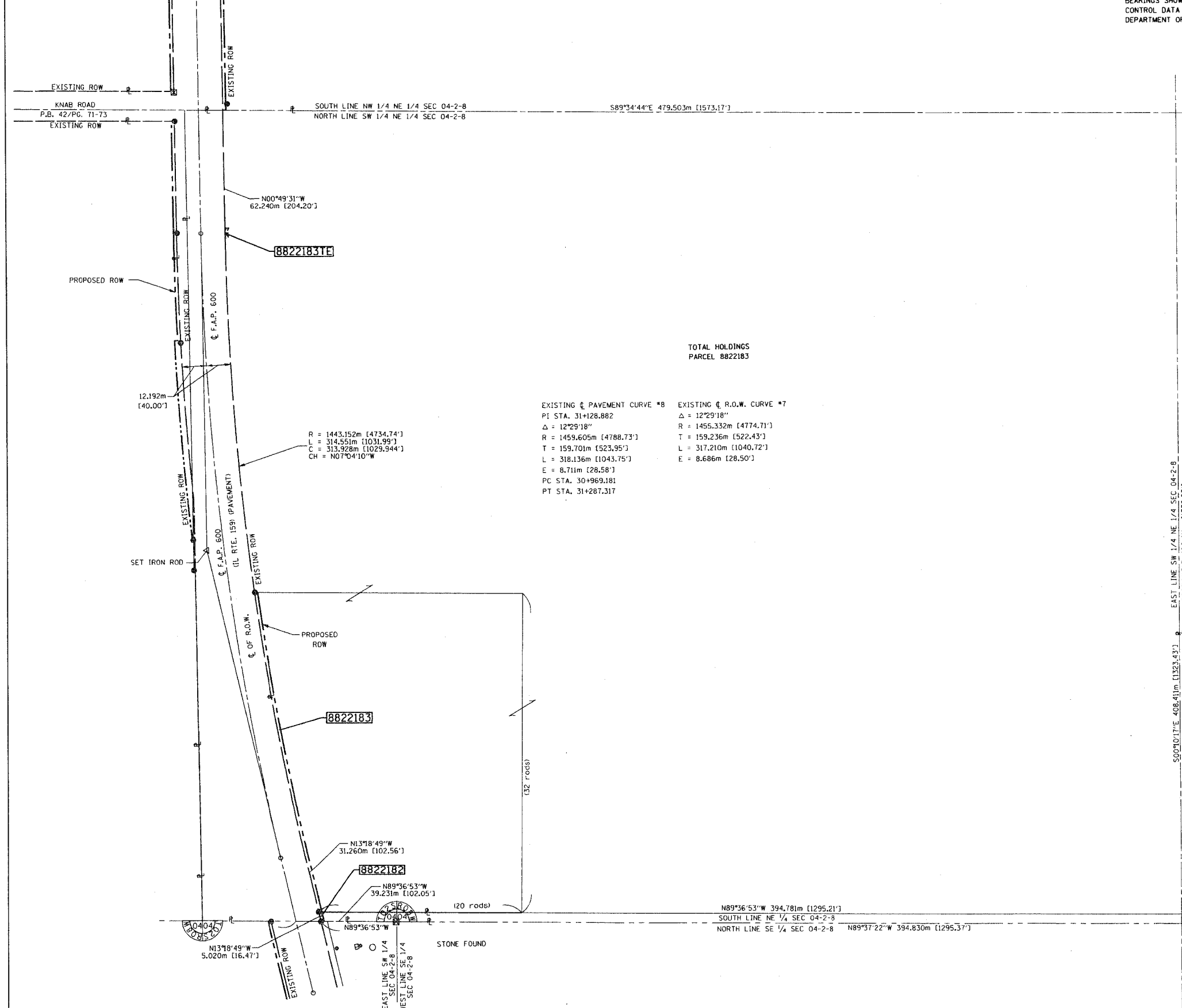
DATE: 6-24-2004
DRAWN: J.S.P.
CHECKED: J.S.P.
APP. BY: J.S.P.
REF.:

PLOT DATE: DATE-TIME

PART OF THE N.E. 1/4 OF SECTION 04, T2S, R8W, OF THE 3RD PM, ST. CLAIR COUNTY, ILLINOIS

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

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



TOTAL HOLDINGS
PARCEL 8822183

EXISTING ϕ PAVEMENT CURVE *8
 PI STA. 31+128.882
 $\Delta = 12^{\circ}29'18''$
 R = 1443.152m [4734.74']
 L = 314.551m [1031.99']
 C = 313.928m [1029.544']
 CH = N07°04'10"W

EXISTING ϕ R.O.W. CURVE *7
 $\Delta = 12^{\circ}29'18''$
 R = 1455.332m [4774.71']
 T = 159.236m [522.43']
 L = 317.210m [1040.72']
 E = 8.686m [28.50']
 PC STA. 30+969.181
 PT STA. 31+287.317



LEGEND

- SECTION CORNER
- QUARTER SECTION CORNER
- EXISTING CENTERLINE
- EXISTING RIGHT OF WAY LINE
- EXISTING EASEMENT LINE
- PROPOSED CENTERLINE
- PROPOSED RIGHT OF WAY LINE
- PROPOSED TEMPORARY EASEMENT LINE
- PROPOSED PERMANENT EASEMENT LINE
- SECTION LINE
- QUARTER SECTION LINE
- QUARTER QUARTER SECTION LINE
- PROPERTY (DEED) LINE
- APPARENT PROPERTY LINE
- MEASURED DIMENSION
- COMPUTED DIMENSION
- ENGLISH EQUIVALENT TO METRIC DIM.
- RECORDED DIMENSION
- FOUND IRON PIPE OR IRON ROD
- SET 5/8 INCH IRON ROD
- PERMANENT SURVEY MONUMENT, I.D.O.T. STD. 2135 (TO BE SET BY OTHERS)
- CUT CROSS FOUND OR SET
- SAME OWNERSHIP

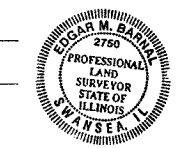
- STAKING OF PROPOSED RIGHT OF WAY. SET 5/8 INCH METAL ROD WITH DIVISION OF HIGHWAY SURVEY MARKER TO MONUMENT THE POSITION SHOWN, IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.
- STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS. SET 5/8 INCH METAL ROD WITH DIVISION OF HIGHWAY SURVEY MARKER 20 INCHES BELOW GROUND SURFACE TO MONUMENT THE POSITION SHOWN, IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.

STATE OF ILLINOIS)
) SS
COUNTY OF ST. CLAIR)

THIS IS TO CERTIFY THAT I, EDGAR M. BARNAL AN ILLINOIS PROFESSIONAL LAND SURVEYOR, HAS SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 4, TOWNSHIP 2 SOUTH, RANGE 8 WEST, OF THE THIRD PRINCIPAL MERIDIAN, ST. CLAIR COUNTY, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED, MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

DATED 6-24-2004

Edgar M. Barnal
EDGAR M. BARNAL, PLS #2750
Exp. 11-30-2004



RIGHT OF WAY ESTABLISHED FOR ILLINOIS ROUTE 159 USING INFORMATION SUPPLIED BY THE ILLINOIS DEPARTMENT OF TRANSPORTATION AND PLAT BOOK 28 ON PAGE 9 & 10

THOUVENOT, WADE & MOERCHEN, INC.
4940 OLD COLLINSVILLE ROAD
SWANSEA, ILLINOIS 62226
(618) 624-4488

ILLINOIS DEPARTMENT OF TRANSPORTATION
PLAT OF HIGHWAYS
 FAP ROUTE 600 (IL 159)
 SECTION (45,46,51) RS-3
 ST. CLAIR COUNTY
 JOB NO. R-98-022-98

STATION TO STATION

0 m 25 m 50 m 75 m
 SCALE 1:1000 SHEET 71 OF 90

ILLINOIS DEPARTMENT OF TRANSPORTATION
 DIVISION OF HIGHWAYS/DISTRICT 8
 1102 EASTPORT PLAZA DRIVE
 COLLINSVILLE, ILLINOIS 62234-6198

SHEET 1 OF 90 IS A COVER SHEET

DATE
DRAWING
CONTR. SHEET
REF.
REF.

PLOT DATE: DATE-TIME

PART OF THE N.W. 1/4 AND THE S.W. 1/4 OF SECTION 04, T2S, R8W, OF THE 3RD PM, ST. CLAIR COUNTY, ILLINOIS

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

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



LEGEND

- QUARTER SECTION CORNER
- SECTION CORNER
- EXISTING CENTERLINE
- EXISTING RIGHT OF WAY LINE
- EXISTING EASEMENT LINE
- PROPOSED CENTERLINE
- PROPOSED RIGHT OF WAY LINE
- PROPOSED TEMPORARY EASEMENT LINE
- PROPOSED PERMANENT EASEMENT LINE
- SECTION LINE
- QUARTER SECTION LINE
- QUARTER QUARTER SECTION LINE
- PROPERTY (DEED) LINE
- APPARENT PROPERTY LINE
- MEASURED DIMENSION
- COMPUTED DIMENSION
- ENGLISH EQUIVALENT TO METRIC DIM.
- RECORDED DIMENSION
- FOUND IRON PIPE OR IRON ROD
- SET 5/8 INCH IRON ROD
- PERMANENT SURVEY MONUMENT, I.D.O.T. STD. 2135 (TO BE SET BY OTHERS)
- CUT CROSS FOUND OR SET
- SAME OWNERSHIP

- STAKING OF PROPOSED RIGHT OF WAY. SET 5/8 INCH METAL ROD WITH DIVISION OF HIGHWAY SURVEY MARKER TO MONUMENT THE POSITION SHOWN, IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.
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STATE OF ILLINOIS)
COUNTY OF ST. CLAIR) SS

THIS IS TO CERTIFY THAT I, EDGAR M. BARNAL AN ILLINOIS PROFESSIONAL LAND SURVEYOR, HAS SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 4, TOWNSHIP 2 SOUTH, RANGE 8 WEST OF THE THIRD PRINCIPAL MERIDIAN, ST. CLAIR COUNTY, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED, MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

DATED 6-24-2004

Edgar M. Barnal
EDGAR M. BARNAL, PLS #2750
Exp. 11-30-2004



RIGHT OF WAY ESTABLISHED FOR ILLINOIS ROUTE 159 USING INFORMATION SUPPLIED BY THE ILLINOIS DEPARTMENT OF TRANSPORTATION AND PLAT BOOK 28 ON PAGE 9 & 10

THOUVENOT, WADE & MOERCHEN, INC.
4940 OLD COLLINSVILLE ROAD
SWANSEA, ILLINOIS 62226
(618) 624-4488

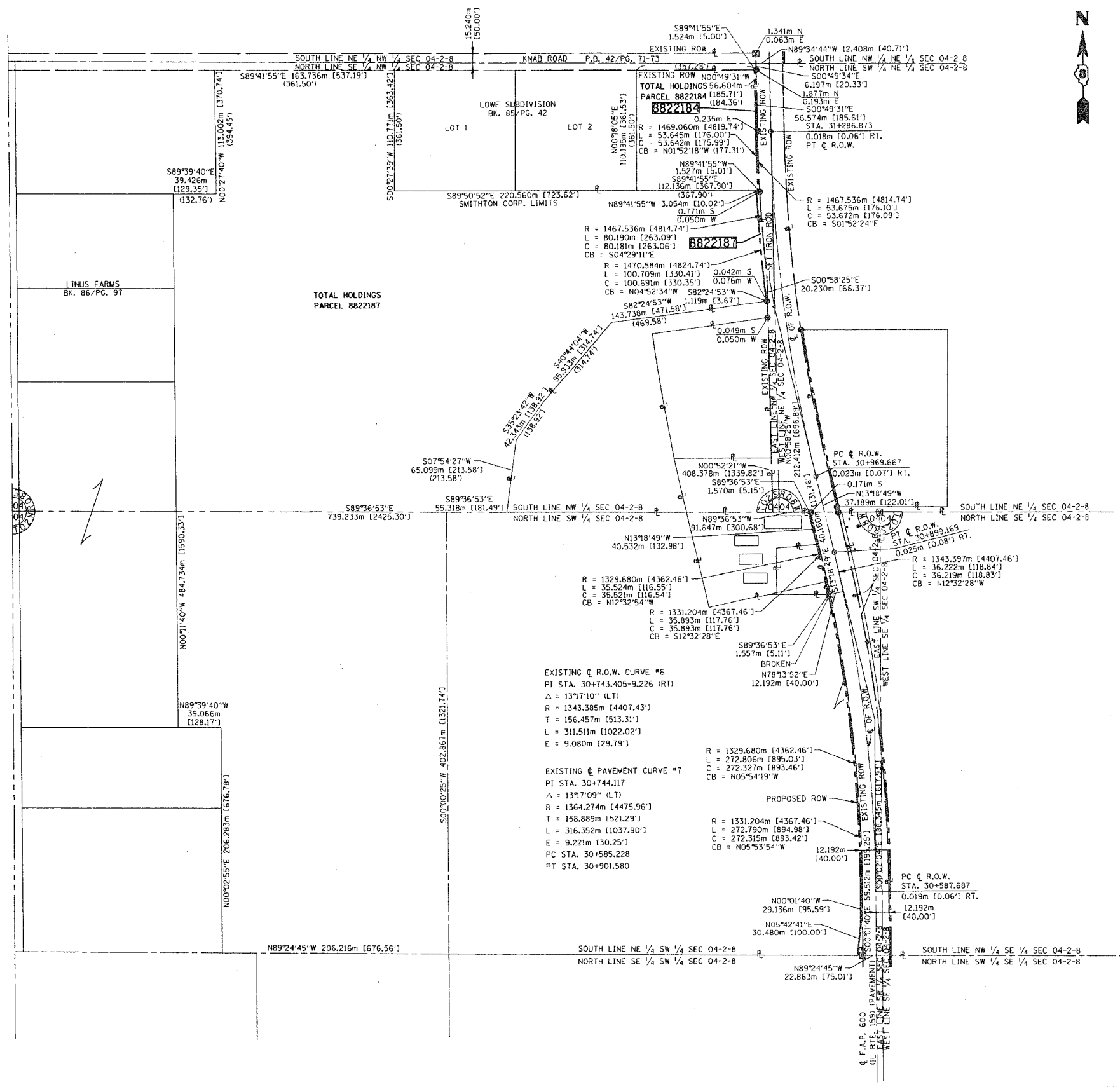
ILLINOIS DEPARTMENT OF TRANSPORTATION
PLAT OF HIGHWAYS
 FAP ROUTE 600 (IL 159)
 SECTION (45,46,51) RS-3
 ST. CLAIR COUNTY
 JOB NO. R-98-022-98

STATION TO STATION

0 m 50 m 100 m 150 m
 SCALE 1:2000 SHEET 72 OF 90

ILLINOIS DEPARTMENT OF TRANSPORTATION
 DIVISION OF HIGHWAYS/DISTRICT 8
 1102 EASTPORT PLAZA DRIVE
 COLLINSVILLE, ILLINOIS 62234-6198

SHEET 1 OF 90 IS A COVER SHEET



DATE: 6-24-2004
CODE: TIME: 10:00
REF: SPEC: 100
REF: REF: 100
REF: REF: 100

PLOT DATE: 6-24-2004

PART OF THE N.E. 1/4 OF SECTION 04, T2S, R8W, OF THE 3RD PM, ST. CLAIR COUNTY, ILLINOIS

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

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



LEGEND

- | | | | |
|--|-----------------------------------|--|-----------------------------------|
| | SECTION CORNER | | QUARTER SECTION CORNER |
| | EXISTING CENTERLINE | | EXISTING CENTERLINE |
| | EXISTING RIGHT OF WAY LINE | | EXISTING RIGHT OF WAY LINE |
| | EXISTING EASEMENT LINE | | EXISTING EASEMENT LINE |
| | PROPOSED CENTERLINE | | PROPOSED CENTERLINE |
| | PROPOSED RIGHT OF WAY LINE | | PROPOSED RIGHT OF WAY LINE |
| | PROPOSED TEMPORARY EASEMENT LINE | | PROPOSED TEMPORARY EASEMENT LINE |
| | PROPOSED PERMANENT EASEMENT LINE | | PROPOSED PERMANENT EASEMENT LINE |
| | SECTION LINE | | SECTION LINE |
| | QUARTER SECTION LINE | | QUARTER SECTION LINE |
| | QUARTER QUARTER SECTION LINE | | QUARTER QUARTER SECTION LINE |
| | PROPERTY (DEED) LINE | | PROPERTY (DEED) LINE |
| | APPARENT PROPERTY LINE | | APPARENT PROPERTY LINE |
| | MEASURED DIMENSION | | MEASURED DIMENSION |
| | COMPUTED DIMENSION | | COMPUTED DIMENSION |
| | ENGLISH EQUIVALENT TO METRIC DIM. | | ENGLISH EQUIVALENT TO METRIC DIM. |
| | RECORDED DIMENSION | | RECORDED DIMENSION |
| | FOUND IRON PIPE OR IRON ROD | | FOUND IRON PIPE OR IRON ROD |
| | SET 5/8 INCH IRON ROD | | SET 5/8 INCH IRON ROD |
| | PERMANENT SURVEY MONUMENT | | PERMANENT SURVEY MONUMENT |
| | I.D.O.T. STD. 2135 | | I.D.O.T. STD. 2135 |
| | (TO BE SET BY OTHERS) | | (TO BE SET BY OTHERS) |
| | CUT CROSS FOUND OR SET | | CUT CROSS FOUND OR SET |
| | SAME OWNERSHIP | | SAME OWNERSHIP |

- STAKING OF PROPOSED RIGHT OF WAY. SET 5/8 INCH METAL ROD WITH DIVISION OF HIGHWAY SURVEY MARKER TO MONUMENT THE POSITION SHOWN, IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.
- M STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS. SET 5/8 INCH METAL ROD WITH DIVISION OF HIGHWAY SURVEY MARKER 20 INCHES BELOW GROUND SURFACE TO MONUMENT THE POSITION SHOWN, IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.

STATE OF ILLINOIS)
) SS
COUNTY OF ST. CLAIR)

THIS IS TO CERTIFY THAT I, EDGAR M. BARNAL AN ILLINOIS PROFESSIONAL LAND SURVEYOR, HAS SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 4, TOWNSHIP 2 SOUTH, RANGE 8 WEST, OF THE THIRD PRINCIPAL MERIDIAN, ST. CLAIR COUNTY, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED. MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

DATED 6-24-2004

Edgar M. Barnal
EDGAR M. BARNAL, PLS #2750
Exp. 11-30-2004



RIGHT OF WAY ESTABLISHED FOR ILLINOIS ROUTE 159 USING INFORMATION SUPPLIED BY THE ILLINOIS DEPARTMENT OF TRANSPORTATION AND PLAT BOOK 28 ON PAGE 9 & 10

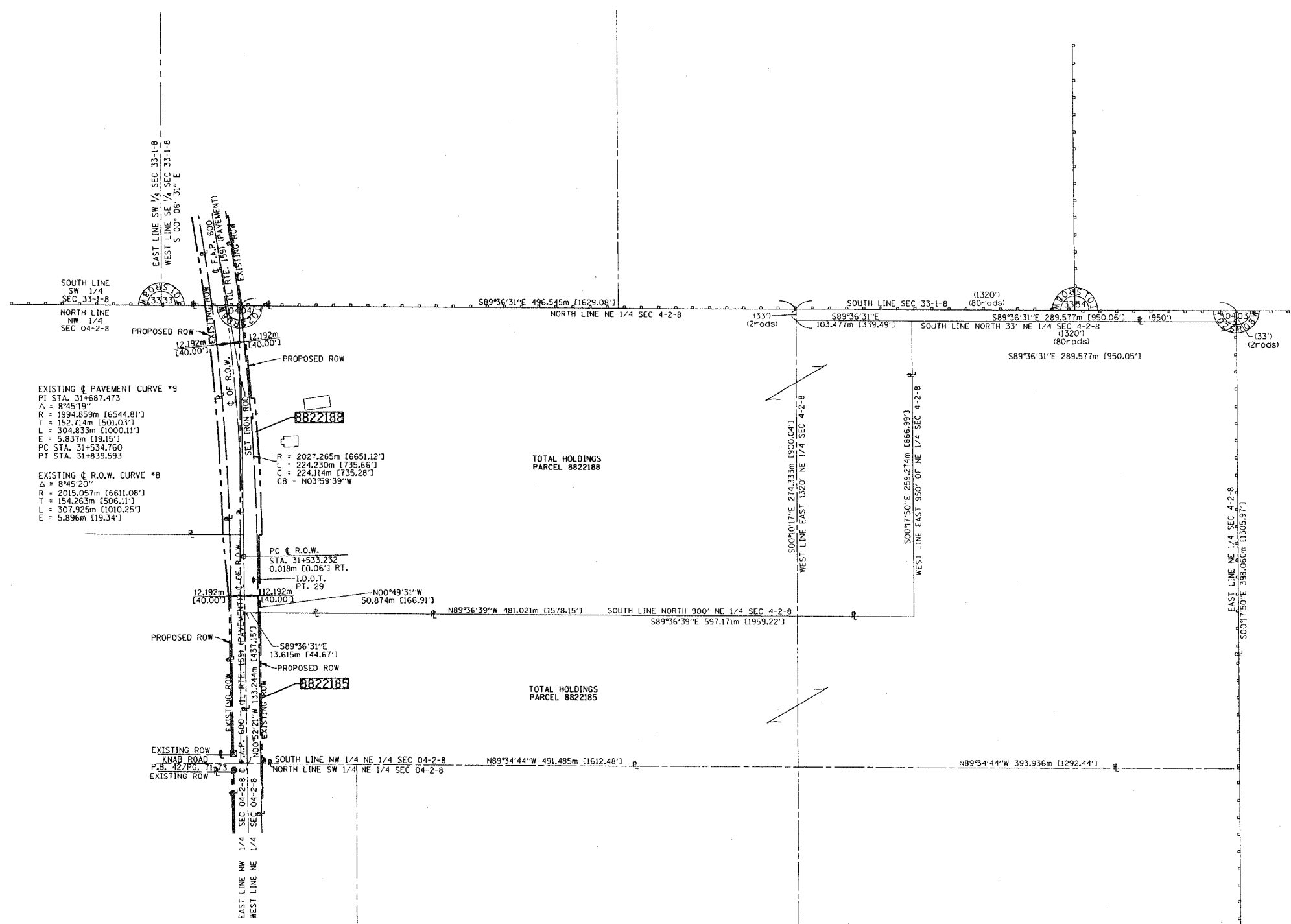
THOUVENOT, WADE & MOERCHEN, INC.
4940 OLD COLLINSVILLE ROAD
SWANSEA, ILLINOIS 62226
(618) 624-4488

ILLINOIS DEPARTMENT OF TRANSPORTATION
PLAT OF HIGHWAYS
FAP ROUTE 600 (IL 159)
SECTION (45,46,51) RS-3
ST. CLAIR COUNTY
JOB NO. R-98-022-98

STATION TO STATION
0 m 50 m 100 m 150 m
SCALE 1:2000 SHEET 73 OF 90

ILLINOIS DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS/DISTRICT 8
1102 EASTPORT PLAZA DRIVE
COLLINSVILLE, ILLINOIS 62234-6198

SHEET 1 OF 90 IS A COVER SHEET



• DATE
• CON. SPEC.
• REF.
• REF.
• REF.

PLOT DATE: DATE-TIME

PART OF THE N.W. 1/4 OF SECTION 04, T2S, R8W, OF THE 3RD PM, ST. CLAIR COUNTY, ILLINOIS

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

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

LEGEND



SECTION CORNER



QUARTER SECTION CORNER

- EXISTING CENTERLINE
- EXISTING RIGHT OF WAY LINE
- EXISTING EASEMENT LINE
- PROPOSED CENTERLINE
- PROPOSED RIGHT OF WAY LINE
- PROPOSED TEMPORARY EASEMENT LINE
- PROPOSED PERMANENT EASEMENT LINE
- SECTION LINE
- QUARTER SECTION LINE
- QUARTER QUARTER SECTION LINE
- PROPERTY (DEED) LINE
- APPL APPARENT PROPERTY LINE
- MEASURED DIMENSION
- 121.456 m
- 123.456 m (COMP)
- (405.04')
- (123.45)
- RECORDED DIMENSION
- FOUND IRON PIPE OR IRON ROD
- SET 5/8 INCH IRON ROD
- PERMANENT SURVEY MONUMENT, I.D.O.T. STD. 2135 (TO BE SET BY OTHERS)
- CUT CROSS FOUND OR SET
- SAME OWNERSHIP

- STAKING OF PROPOSED RIGHT OF WAY. SET 5/8 INCH METAL ROD WITH DIVISION OF HIGHWAY SURVEY MARKER TO MONUMENT THE POSITION SHOWN, IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.
- STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS. SET 5/8 INCH METAL ROD WITH DIVISION OF HIGHWAY SURVEY MARKER 20 INCHES BELOW GROUND SURFACE TO MONUMENT THE POSITION SHOWN, IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.

STATE OF ILLINOIS)
COUNTY OF ST. CLAIR)

THIS IS TO CERTIFY THAT I, EDGAR M. BARNAL AN ILLINOIS PROFESSIONAL LAND SURVEYOR, HAS SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 4, TOWNSHIP 2 SOUTH, RANGE 8 WEST, OF THE THIRD PRINCIPAL MERIDIAN, ST. CLAIR COUNTY, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED, MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

DATED 6-24-2004

Edgar M. Barnal
EDGAR M. BARNAL, PLS #2750
Exp. 11-30-2004



RIGHT OF WAY ESTABLISHED FOR ILLINOIS ROUTE 159 USING INFORMATION SUPPLIED BY THE ILLINOIS DEPARTMENT OF TRANSPORTATION AND PLAT BOOK 28 ON PAGE 9 & 10

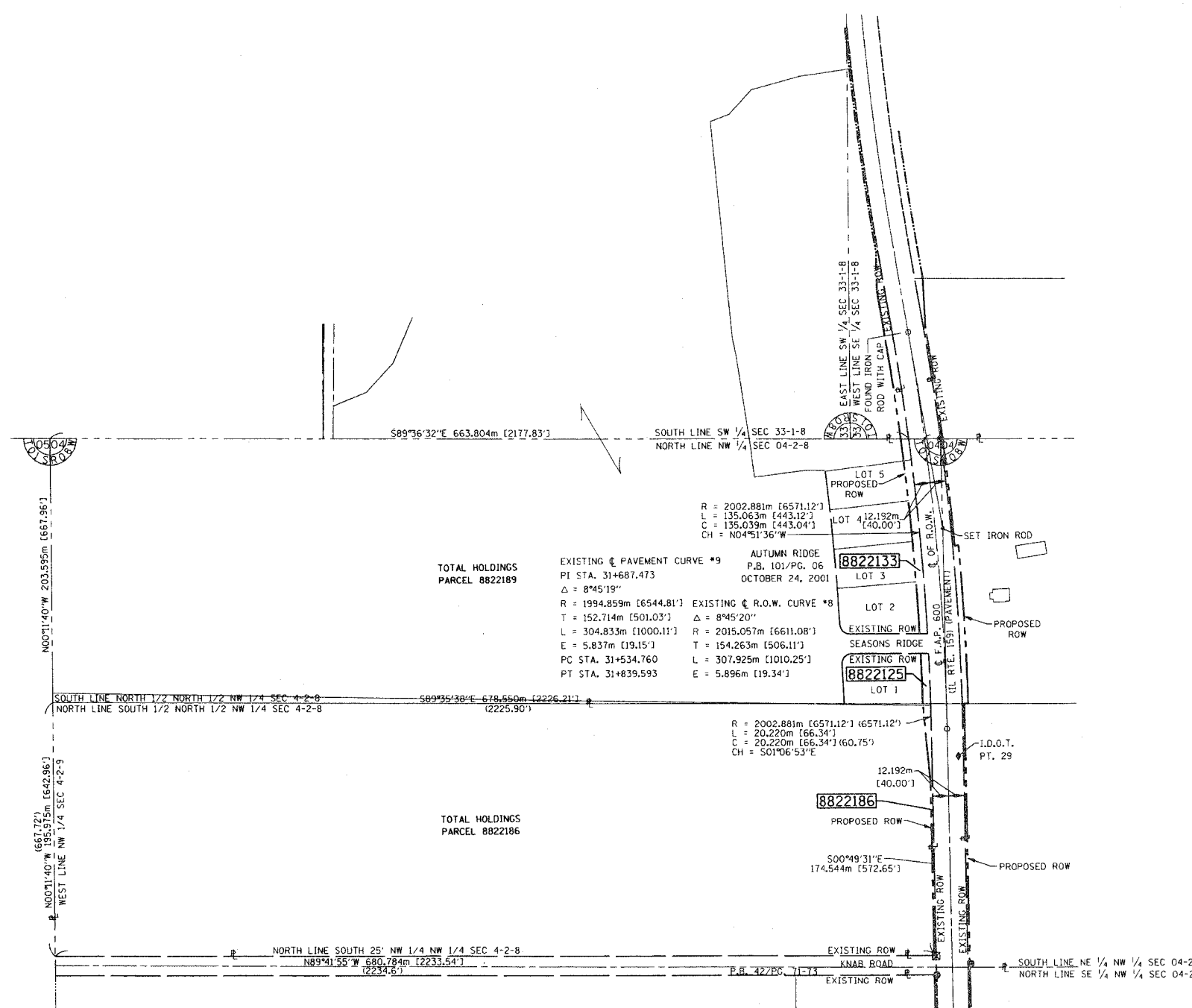
THOUVENOT, WADE & MOERCHEN, INC.
4940 OLD COLLINSVILLE ROAD
SWANSEA, ILLINOIS 62226
(618) 624-4488

ILLINOIS DEPARTMENT OF TRANSPORTATION
PLAT OF HIGHWAYS
 FAP ROUTE 600 (IL 159)
 SECTION (45,46,51) RS-3
 ST. CLAIR COUNTY
 JOB NO. R-98-022-98

STATION TO STATION
 0 m 50 m 100 m 150 m
 SCALE 1:2000 SHEET 74 OF 90

ILLINOIS DEPARTMENT OF TRANSPORTATION
 DIVISION OF HIGHWAYS/DISTRICT 6
 1102 EASTPORT PLAZA DRIVE
 COLLINSVILLE, ILLINOIS 62234-6198

DATE
DATE-TIME
DIM-SPEC
REF
REF



TOTAL HOLDINGS
PARCEL 8822189

EXISTING PAVEMENT CURVE #9 AUTUMN RIDGE
 PT STA. 31+687.473 P.B. 101/PG. 06
 OCTOBER 24, 2001
 $\Delta = 8^{\circ}45'19''$
 R = 1994.859m [6544.81'] EXISTING R.O.W. CURVE #8
 T = 152.714m [501.03'] $\Delta = 8^{\circ}45'20''$
 L = 304.833m [1000.11'] R = 2015.057m [6611.08']
 E = 5.837m [19.15'] T = 154.263m [506.11']
 PC STA. 31+534.760 L = 307.925m [1010.25']
 PT STA. 31+839.593 E = 5.896m [19.34']

TOTAL HOLDINGS
PARCEL 8822186

R = 2002.881m [6571.12'] (6571.12')
 L = 20.220m [66.34']
 C = 20.220m [66.34'] (60.75')
 CH = S01°06'53"E

12.192m [40.00']
 8822186
 PROPOSED ROW
 S00°49'31"E
 174.544m [572.65']
 PROPOSED ROW

NORTH LINE SOUTH 25' NW 1/4 NW 1/4 SEC 4-2-8
 N89°41'55"W 680.784m [2233.54']
 [2234.6']
 P.B. 427PG. 71-73
 SOUTH LINE NE 1/4 NW 1/4 SEC 04-2-8
 NORTH LINE SE 1/4 NW 1/4 SEC 04-2-8

PART OF THE S.E. 1/4 OF SECTION 33, T1S, R8W, OF THE 3RD PM, ST. CLAIR COUNTY, ILLINOIS

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

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

LEGEND

SECTION CORNER: SECTION CORNER

QUARTER SECTION CORNER: QUARTER SECTION CORNER

EXISTING CENTERLINE:

EXISTING RIGHT OF WAY LINE:

EXISTING EASEMENT LINE:

PROPOSED CENTERLINE:

PROPOSED RIGHT OF WAY LINE:

PROPOSED TEMPORARY EASEMENT LINE:

PROPOSED PERMANENT EASEMENT LINE:

SECTION LINE:

QUARTER SECTION LINE:

QUARTER QUARTER SECTION LINE:

PROPERTY (DEED) LINE:

APL:

APPARENT PROPERTY LINE:

MEASURED DIMENSION:

COMPUTED DIMENSION:

ENGLISH EQUIVALENT TO METRIC DIM.:

RECORDED DIMENSION:

FOUND IRON PIPE OR IRON ROD:

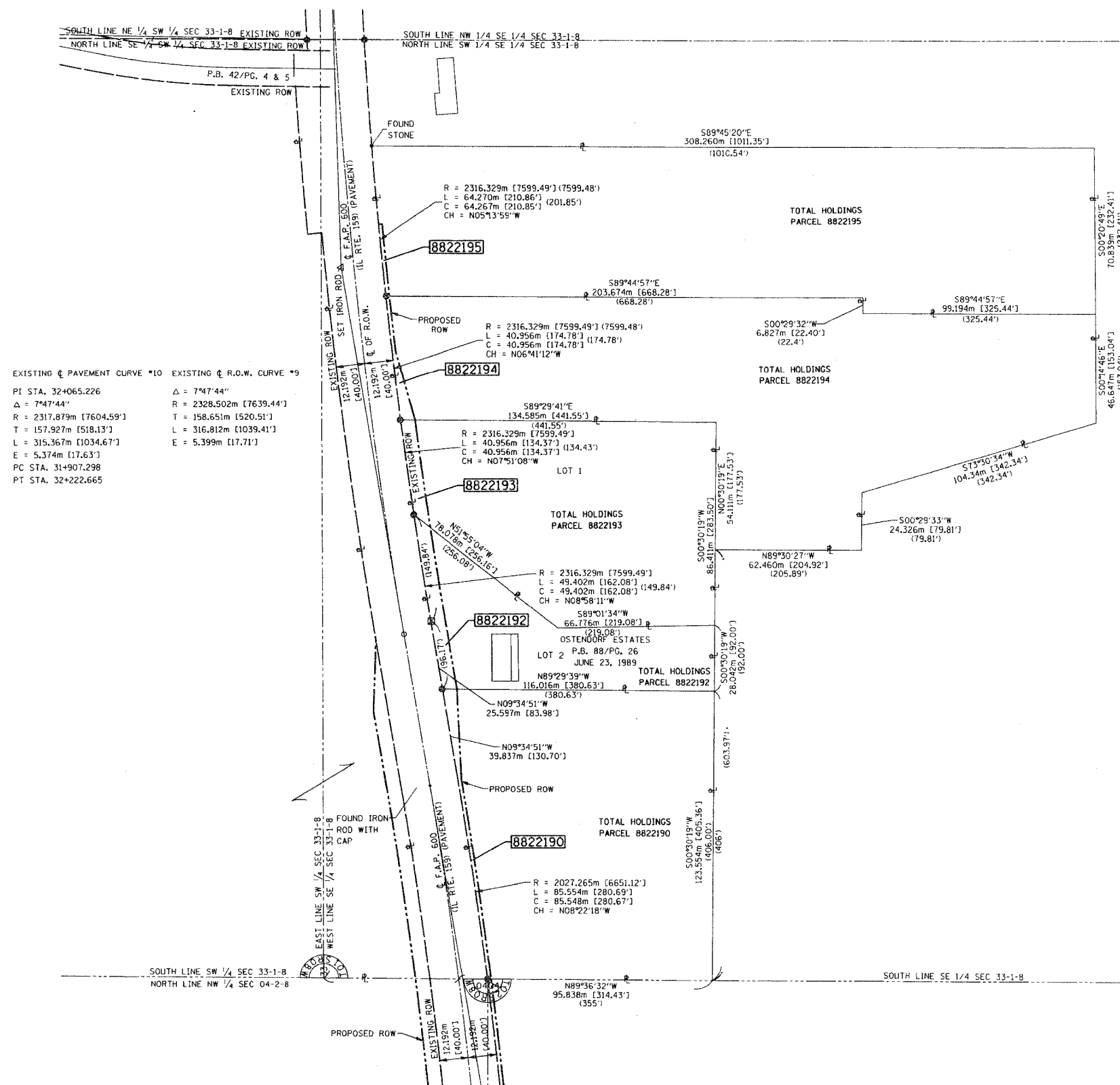
5/8 INCH IRON ROD:

PERMANENT SURVEY MONUMENT, I.D.O.T. STD. 2135:

(TO BE SET BY OTHERS):

CUT CROSS FOUND OR SET:

SAME OWNERSHIP:



EXISTING ϕ PAVEMENT CURVE *10 EXISTING ϕ R.O.W. CURVE *9

PI STA. 32+065.226 $\Delta = 7^{\circ}47'44''$

$\Delta = 7^{\circ}47'44''$ R = 2328.502m [7639.44']

R = 2317.879m [7604.59'] T = 158.651m [520.51']

T = 157.927m [518.13'] L = 316.812m [1039.41']

L = 315.367m [1034.67'] E = 5.399m [17.71']

E = 5.374m [17.63']

PC STA. 31+907.298

PT STA. 32+222.665

- STAKING OF PROPOSED RIGHT OF WAY. SET 5/8 INCH METAL ROD WITH DIVISION OF HIGHWAY SURVEY MARKER TO MONUMENT THE POSITION SHOWN, IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.
- M STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS. SET 5/8 INCH METAL ROD WITH DIVISION OF HIGHWAY SURVEY MARKER 20 INCHES BELOW GROUND SURFACE TO MONUMENT THE POSITION SHOWN, IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.

STATE OF ILLINOIS)
) SS
 COUNTY OF ST. CLAIR)

THIS IS TO CERTIFY THAT I, EDGAR M. BARNAL AN ILLINOIS PROFESSIONAL LAND SURVEYOR, HAS SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 33, TOWNSHIP 1 SOUTH, RANGE 8 WEST, OF THE THIRD PRINCIPAL MERIDIAN, ST. CLAIR COUNTY, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED, MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

DATED 6-24-2004

Edgar M. Barnal
 EDGAR M. BARNAL, PLS #2750
 Exp. 11-30-2004

RIGHT OF WAY ESTABLISHED FOR ILLINOIS ROUTE 159 USING INFORMATION SUPPLIED BY THE ILLINOIS DEPARTMENT OF TRANSPORTATION AND PLAT BOOK 28 ON PAGE 9 & 10

THOUVENOT, WADE & MOERCHEN, INC.
 4948 OLD COLLINSVILLE ROAD
 SWANSEA, ILLINOIS 62226
 (618) 624-4488

ILLINOIS DEPARTMENT OF TRANSPORTATION
 PLAT OF HIGHWAYS
 FAP ROUTE 600 (IL 159)
 SECTION (45,46,51) RS-3
 ST. CLAIR COUNTY
 JOB NO. R-98-022-98

STATION TO STATION
 0 m 25 m 50 m 100 m

SCALE 1:1000 SHEET 75 OF 90

ILLINOIS DEPARTMENT OF TRANSPORTATION
 DIVISION OF HIGHWAYS/DISTRICT 8
 1102 EASTPORT PLAZA DRIVE
 COLLINSVILLE, ILLINOIS 62234-6198

NOTES:
 *NOT TO SCALE
 *DON'T SPEC
 *REF.
 *REF.
 *REF.

PLAT DATE: 11-30-2004

#pg 114 Omitted#

SHEET 113 OF 247

76563

PART OF THE S.W. 1/4 AND THE S.E. 1/4 OF SECTION 33, T1S, R8W, OF THE 3RD PM, ST. CLAIR COUNTY, ILLINOIS

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

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

LEGEND

- SECTION CORNER
- QUARTER SECTION CORNER
- EXISTING CENTERLINE
- EXISTING RIGHT OF WAY LINE
- EXISTING EASEMENT LINE
- PROPOSED CENTERLINE
- PROPOSED RIGHT OF WAY LINE
- PROPOSED TEMPORARY EASEMENT LINE
- PROPOSED PERMANENT EASEMENT LINE
- SECTION LINE
- QUARTER SECTION LINE
- QUARTER QUARTER SECTION LINE
- PROPERTY (DEED) LINE
- APPARENT PROPERTY LINE
- MEASURED DIMENSION
- COMPUTED DIMENSION
- ENGLISH EQUIVALENT TO METRIC DIM.
- RECORDED DIMENSION
- FOUND IRON PIPE OR IRON ROD
- SET 5/8 INCH IRON ROD
- PERMANENT SURVEY MONUMENT, I.D.O.T. STD. 2135 (TO BE SET BY OTHERS)
- CUT CROSS FOUND OR SET
- SAME OWNERSHIP

- STAKING OF PROPOSED RIGHT OF WAY. SET 5/8 INCH METAL ROD WITH DIVISION OF HIGHWAY SURVEY MARKER TO MONUMENT THE POSITION SHOWN, IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.
- STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS. SET 5/8 INCH METAL ROD WITH DIVISION OF HIGHWAY SURVEY MARKER 20 INCHES BELOW GROUND SURFACE TO MONUMENT THE POSITION SHOWN, IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.

STATE OF ILLINOIS)
) SS
COUNTY OF ST. CLAIR)

THIS IS TO CERTIFY THAT I, EDGAR M. BARNAL AN ILLINOIS PROFESSIONAL LAND SURVEYOR, HAS SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 33, TOWNSHIP 1 SOUTH, RANGE 8 WEST, OF THE THIRD PRINCIPAL MERIDIAN, ST. CLAIR COUNTY, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED, MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

DATED 6-24-2004
Edgar M. Barnal
EDGAR M. BARNAL, PLS #2750
Exp. 11-30-2004



RIGHT OF WAY ESTABLISHED FOR ILLINOIS ROUTE 159 USING INFORMATION SUPPLIED BY THE ILLINOIS DEPARTMENT OF TRANSPORTATION AND PLAT BOOK 28 ON PAGE 9 & 10

THOUVENOT, WADE & MOERCHEN, INC.
4948 OLD COLLINSVILLE ROAD
SWANSEA, ILLINOIS 62226
(618) 624-4488

ILLINOIS DEPARTMENT OF TRANSPORTATION
PLAT OF HIGHWAYS
 FAP ROUTE 600 (IL 159)
 SECTION (45,46,51) RS-3
 ST. CLAIR COUNTY
 JOB NO. R-98-022-98

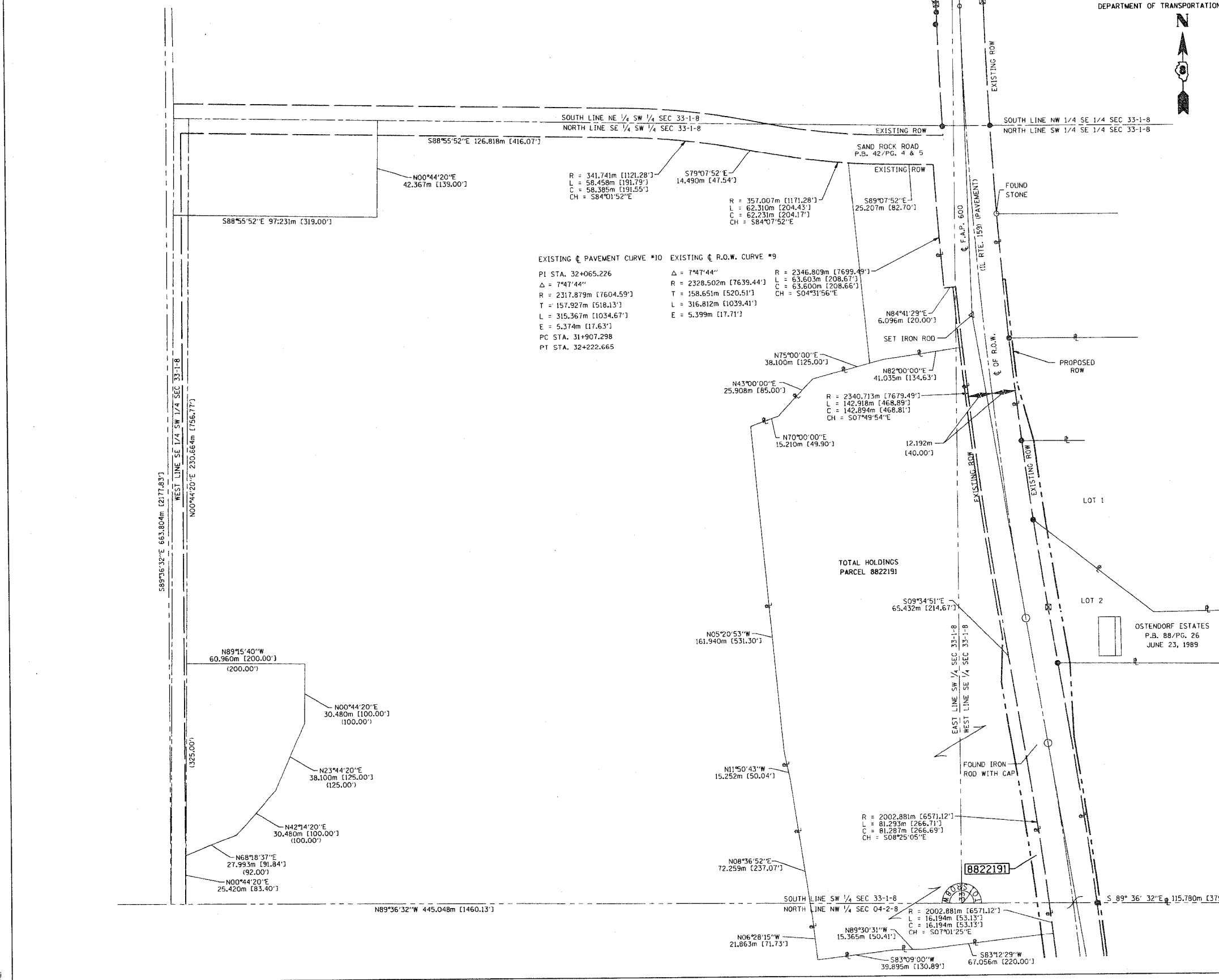
STATION TO STATION

0 m 25 m 50 m 75 m
 SCALE 1:1000

SHEET 76 OF 90

ILLINOIS DEPARTMENT OF TRANSPORTATION
 DIVISION OF HIGHWAYS/DISTRICT 8
 1102 EASTPORT PLAZA DRIVE
 COLLINSVILLE, ILLINOIS 62234-6198

SHEET 1 OF 90 IS A COVER SHEET



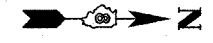
EXISTING ϕ PAVEMENT CURVE #10 EXISTING ϕ R.O.W. CURVE #9

PI STA. 32+065.226 $\Delta = 7^{\circ}47'44''$ R = 2346.809m [7699.49']
 $\Delta = 7^{\circ}47'44''$ R = 2328.502m [7639.44'] L = 63.603m [208.67']
R = 2317.879m [7604.59'] T = 158.651m [520.51'] C = 63.600m [208.66']
T = 157.927m [518.13'] L = 316.812m [1039.41'] CH = S04^{\circ}31'56"E
L = 315.367m [1034.67'] E = 5.399m [17.71']
E = 5.374m [17.63']
PC STA. 31+907.298
PT STA. 32+222.665

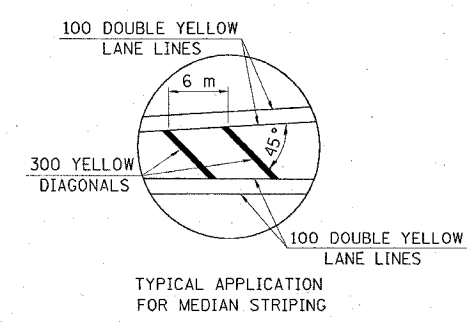
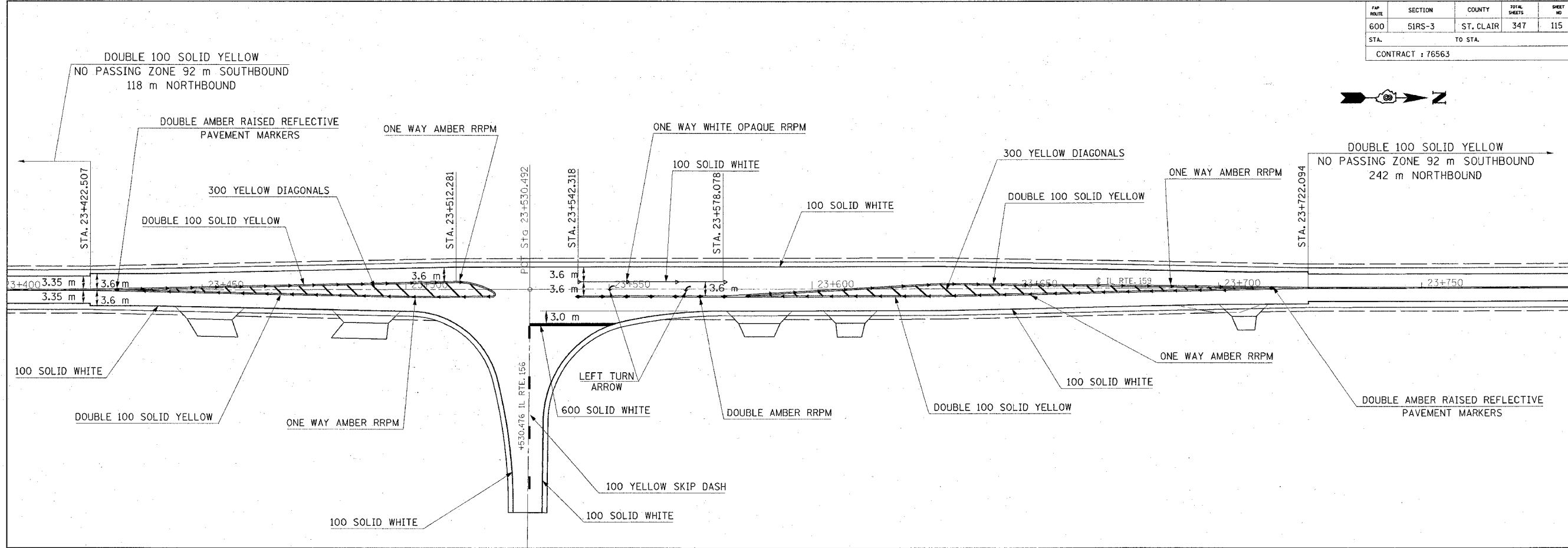
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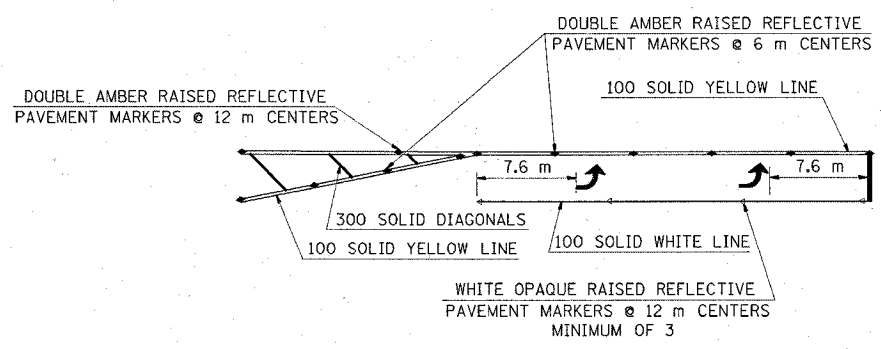
FAP ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
600	51RS-3	ST. CLAIR	347	115
STA.	TO STA.			
CONTRACT : 76563				



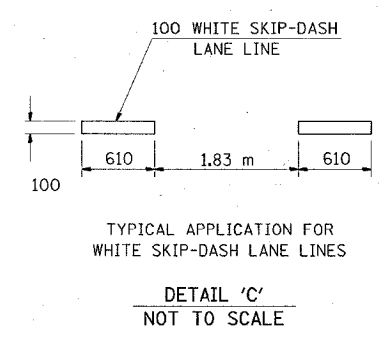
PLAN	SUBMITTED	DATE
NO. _____	BY _____	_____



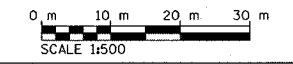
DETAIL 'A'
NOT TO SCALE



DETAIL 'B'
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DETAIL 'C'
NOT TO SCALE



ALL DIMENSIONS ARE IN mm UNLESS DESIGNATED OTHERWISE

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
PAVEMENT MARKING
FAP ROUTE 600
SECTION 51RS-3
ST. CLAIR COUNTY
DRAWN BY: _____

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F&P NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
600	5IRS-3	*	347	117
STA.		TO STA.		
CONTRACT : 76563				

STORM WATER POLLUTION PREVENTION PLAN

THE FOLLOWING PLAN IS ESTABLISHED AND INCORPORATED IN THE PROJECT TO DIRECT THE CONTRACTOR IN THE PLACEMENT OF TEMPORARY EROSION CONTROL SYSTEMS AND TO PROVIDE A STORM SEWER WATER POLLUTION PREVENTION PLAN FOR COMPLIANCE UNDER NPDES.

THE PURPOSE OF THIS PLAN IS TO MINIMIZE EROSION WITHIN THE CONSTRUCTION SITE AND TO LIMIT SEDIMENTS FROM LEAVING THE CONSTRUCTION SITE BY UTILIZING PROPER TEMPORARY EROSION CONTROL SYSTEMS AND PROVIDING GROUND COVER WITHIN A REASONABLE AMOUNT OF TIME.

CERTAIN EROSION CONTROL FACILITIES SHALL BE INSTALLED BY THE CONTRACTOR AT THE BEGINNING OF CONSTRUCTION. OTHER ITEMS SHALL BE INSTALLED BY THE CONTRACTOR AS DIRECTED BY THE ENGINEER ON A CASE BY CASE SITUATION DEPENDING ON THE CONTRACTOR'S SEQUENCE OF ACTIVITIES, TIME OF YEAR, AND EXPECTED WEATHER CONDITIONS.

THE CONTRACTOR SHALL INSTALL PERMANENT EROSION CONTROL SYSTEMS AND SEEDING WITHIN A TIME FRAME SPECIFIED HEREIN AND AS DIRECTED BY THE ENGINEER, THEREFORE MINIMIZING THE AMOUNT OF AREA SUSCEPTIBLE TO EROSION AND REDUCING THE AMOUNT OF TEMPORARY SEEDING. THE ENGINEER WILL DETERMINE IF ANY TEMPORARY EROSION CONTROL SYSTEMS SHOWN IN THE PLAN CAN BE DELETED AND IF ANY ADDITIONAL TEMPORARY EROSION CONTROL SYSTEMS, WHICH ARE NOT INCLUDED IN THIS PLAN, SHALL BE ADDED. THE CONTRACTOR SHALL PERFORM ALL WORK AS DIRECTED BY THE ENGINEER AND AS SHOWN IN STANDARD 280001 OF THE PLANS.

THE SPECIAL PROVISIONS FOR TEMPORARY EROSION CONTROL SEEDING AND TEMPORARY EROSION CONTROL ADDITIONALLY SUPPLEMENT THIS PLAN.

SITE DESCRIPTION

DESCRIPTION OF CONSTRUCTION ACTIVITY:

1. THIS PROJECT CONSISTS OF 10.921 KILOMETERS OF PAVEMENT RESURFACING WITH SHOULDER WIDENING AND DITCH RELOCATION.
2. CONSTRUCTION INCLUDES THE RESURFACING OF THE EXISTING ROADWAY, REMOVAL OF EXISTING 300 MM BITUMINOUS SHOULDER, ADDITION OF A 1.5 M BITUMINOUS SHOULDER, ADDITION OF A 900 MM AGGREGATE SHOULDER AND THE RELOCATION OF THE EXISTING DITCHES. THERE ARE TWO DRAINAGE STRUCTURES THAT WILL BE REPLACED. RIPRAP WILL BE PLACED IN THE CHANNEL OF THE WEST FORK OF RICHLAND CREEK. BOX CULVERTS WILL BE EXTENDED THROUGHOUT THE PROJECT.

DESCRIPTION OF INTENDED SEQUENCE FOR MAJOR CONSTRUCTION ACTIVITIES WHICH WILL DISTURB SOILS FOR MAJOR PORTIONS OF THE CONSTRUCTION SITE:

1. EXCAVATION AND EMBANKMENT WILL BE COMPLETED AT VARIOUS LOCATIONS ALONG THE JOB SITE TO GRADE OUT FOR PROPOSED ROADWAY WIDENING AND DITCHES.
2. ISOLATED TREE REMOVAL FOR THE BOX CULVERT EXTENTIONS. TREES TO REMAIN WILL BE PROTECTED AGAINST DAMAGE.
3. BOX CULVERT WILL BE EXTENDED AND PIPE CULVERTS WILL BE REPLACED DURING THE EXCAVATION AND CONSTRUCTION OF EMBANKMENT TO ALLOW FOR PROPER DRAINAGE.
4. CHANNEL EXCAVATION TO PROVIDE FOR REALIGNED FLOW INTO BOX CULVERT EXTENSION.
5. PLACEMENT, MAINTENANCE, REMOVAL AND PROPER CLEAN-UP OF TEMPORARY EROSION CONTROL, SUCH AS PERIMETER EROSION BARRIER, TEMPORARY DITCH CHECKS, INLET AND PIPE PROTECTION, TEMPORARY SEEDING, ETC.
6. PLACEMENT OF PERMANENT EROSION CONTROL, SUCH AS RIPRAP DITCH, AND EROSION CONTROL BLANKET, SEEDING, ETC.
7. FINAL GRADING, PAVING, AND OTHER MISCELLANEOUS ITEMS.

AREA OF CONSTRUCTION SITE:

THE TOTAL AREA OF THE CONSTRUCTION SITE IS ESTIMATED TO BE 25.288 HECTARES OF WHICH 21.629 HECTARES WILL BE DISTURBED BY EXCAVATION, GRADING, AND OTHER ACTIVITIES.

OTHER REPORTS, STUDIES AND PLANS WHICH AID IN THE DEVELOPMENT OF THE STORM WATER POLLUTION PREVENTION PLAN AS REFERENCED DOCUMENTS:

1. INFORMATION OF THE SOILS AND TERRAIN WITHIN THE SITE WAS OBTAINED FROM TOPOGRAPHIC SURVEYS AND SOIL BORINGS THAT WERE UTILIZED FOR THE DEVELOPMENT OF THE PROPOSED TEMPORARY EROSION CONTROL SYSTEMS.
2. PROJECT PLAN DOCUMENTS, SPECIFICATIONS AND SPECIAL PROVISIONS, AND PLAN DRAWINGS INDICATING DRAINAGE PATTERNS AND APPROXIMATE SLOPES ANTICIPATED AFTER GRADING ACTIVITIES WERE UTILIZED FOR THE PROPOSED PLACEMENT OF THE TEMPORARY EROSION CONTROL SYSTEMS.

DRAINAGE TRIBUTARIES AND SENSITIVE AREAS RECEIVING RUNOFF FROM THIS CONSTRUCTION SITE:

1. WEST FORK OF RICHLAND CREEK
2. 22+100 UNNAMED TRIBUTARIES TO RICHLAND CREEK
3. 24+250 UNNAMED TRIBUTARIES TO RICHLAND CREEK
4. 25+900 UNNAMED TRIBUTARIES TO RICHLAND CREEK
5. 27+300 UNNAMED TRIBUTARIES TO RICHLAND CREEK

CONTROLS • EROSION CONTROLS AND SEDIMENT CONTROL

DESCRIPTION OF STABILIZATION PRACTICES AT THE BEGINNING OF CONSTRUCTION:

1. THE DRAWINGS, SPECIFICATIONS AND SPECIAL PROVISIONS WILL ENSURE THAT EXISTING VEGETATION IS PRESERVED WHERE ATTAINABLE AND DISTURBED PORTIONS OF THE SITE WILL BE STABILIZED. STABILIZATION PRACTICES INCLUDE: TEMPORARY SEEDING, PERMANENT SEEDING, MULCHING, PROTECTION OF TREES, PRESERVATION OF MATURE VEGETATION, AND OTHER APPROPRIATE MEASURES AS DIRECTED BY THE ENGINEER. STABILIZATION MEASURES SHALL BE INITIATED AS SOON AS PRACTICABLE IN PORTIONS OF THE SITE WHERE CONSTRUCTION ACTIVITIES HAVE TEMPORARILY OR PERMANENTLY CEASED, BUT IN NO CASE MORE THAN 7 DAYS AFTER THE CONSTRUCTION ACTIVITY IN THAT PORTION OF THE SITE HAS TEMPORARILY OR PERMANENTLY CEASED.
 - (a.) AREAS OF EXISTING VEGETATION (WOOD AND GRASSLANDS) OUTSIDE THE PROPOSED CONSTRUCTION LIMITS SHALL BE IDENTIFIED BY THE ENGINEER FOR PRESERVING AND SHALL BE PROTECTED FROM CONSTRUCTION ACTIVITIES.
 - (b.) DEAD, DISEASED, OR UNSUITABLE VEGETATION WITHIN THE SITE SHALL BE REMOVED AS DIRECTED BY THE ENGINEER, ALONG WITH REQUIRED TREE REMOVAL.
 - (c.) AS SOON AS REASONABLE ACCESS IS AVAILABLE TO ALL LOCATIONS WHERE WATER DRAINS AWAY FROM THE PROJECT, TEMPORARY DITCH CHECKS, INLET AND PIPE PROTECTION, AND PERIMETER EROSION BARRIER SHALL BE INSTALLED AS CALLED OUT IN THIS PLAN AND DIRECTED BY THE ENGINEER.
 - (d.) BARE AND SPARSELY VEGETATED GROUND IN HIGH ERODABLE AREAS AS DETERMINED BY THE ENGINEER SHALL BE TEMPORARILY SEEDED AT THE BEGINNING OF CONSTRUCTION WHERE NO CONSTRUCTION ACTIVITIES ARE EXPECTED WITHIN SEVEN DAYS.
 - (e.) IMMEDIATELY AFTER TREE REMOVAL IS COMPLETED, AREAS WHICH ARE HIGHLY ERODABLE AS DETERMINED BY THE ENGINEER, SHALL BE TEMPORARILY SEEDED WHEN NO CONSTRUCTION ACTIVITIES ARE EXPECTED WITHIN SEVEN DAYS.
 - (f.) AT LOCATIONS WHERE A SIGNIFICANT AMOUNT OF WATER DRAINS INTO THE CONSTRUCTION ZONE FROM OUTSIDE AREAS (ADJACENT LANDOWNERS), TEMPORARY DITCH CHECKS WILL BE UTILIZED TO LOCALLY DIVERT WATER, REDUCE FLOW RATES, AND COLLECT OUTSIDE SILTATION INSIDE THE RIGHT-OF-WAY LINE.
2. ESTABLISHMENT OF THESE TEMPORARY EROSION CONTROL MEASURES WILL HAVE ADDITIONAL BENEFITS TO THE PROJECT. DESIRABLE GRASS SEED WILL BECOME ESTABLISHED IN THESE AREAS AND WILL SPREAD SEEDS ONTO THE CONSTRUCTION SITE UNTIL PERMANENT SEEDING/MOWING AND OVERSEEDING CAN BE COMPLETED.

THIS PLAN HAS BEEN PREPARED TO COMPLY WITH THE PROVISIONS OF THE NPDES PERMIT NUMBER ILR10, ISSUED BY THE ILLINOIS ENVIRONMENTAL PROTECTION AGENCY FOR STORM WATER DISCHARGES FROM CONSTRUCTION SITE ACTIVITIES.

I CERTIFY UNDER PENALTY OF LAW THAT THIS DOCUMENT AND ALL ATTACHMENTS WERE PREPARED UNDER MY DIRECTION OR SUPERVISION IN ACCORDANCE WITH A SYSTEM DESIGNED TO ASSURE THAT QUALIFIED PERSONNEL PROPERLY GATHERED AND EVALUATED THE INFORMATION SUBMITTED. BASED ON MY INQUIRY OF THE PERSON OR PERSONS WHO MANAGE THE SYSTEM, OR THOSE PERSONS DIRECTLY RESPONSIBLE FOR GATHERING THE INFORMATION, THE INFORMATION SUBMITTED IS, TO THE BEST OF MY KNOWLEDGE AND BELIEF, TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT FOR KNOWING VIOLATIONS.

Mary C. Romo 3/29/05
 DIRECTOR DIVISION OF HIGHWAYS DATE
 REGION FIVE ENGINEER

PLAN	REVISIONS	DATE
NOTE BOOK	PLOTTED	
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REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
STORM WATER POLLUTION PREVENTION PLAN
 F&P ROUTE 600
 SECTION 5IRS-3
 ST. CLAIR & MONROE COUNTIES
 DRAWN BY:

FAP ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
600	5IRS-3	*	347	118
STA.	TO STA.			
CONTRACT : 76563				

DESCRIPTION OF STABILIZATION PRACTICES DURING CONSTRUCTION:

1. DURING CONSTRUCTION, AREAS OUTSIDE THE CONSTRUCTION LIMITS AS OUTLINED PREVIOUSLY HEREIN SHALL BE PROTECTED. THE CONTRACTOR SHALL NOT USE THIS AREA FOR STAGING (EXCEPT AS DESCRIBED ON THE PLANS AND DIRECTED BY THE ENGINEER), PARKING OF VEHICLES OR CONSTRUCTION EQUIPMENT, STORAGE OF MATERIALS, OR OTHER CONSTRUCTION RELATED ACTIVITIES.
 - (a.) WITHIN THE CONSTRUCTION LIMITS, AREAS WHICH MAY BE SUSCEPTIBLE TO EROSION AS DETERMINED BY THE ENGINEER SHALL REMAIN UNDISTURBED UNTIL FULL SCALE CONSTRUCTION IS UNDERWAY TO PREVENT UNNECESSARY SOIL EROSION.
 - (b.) EARTH STOCKPILES SHALL BE TEMPORARILY SEEDED IF THEY ARE TO REMAIN UNUSED FOR MORE THAN FOURTEEN DAYS.
 - (c.) AS CONSTRUCTION PROCEEDS, THE CONTRACTOR SHALL INSTITUTE THE FOLLOWING AS DIRECTED BY THE ENGINEER:
 - I. PLACE TEMPORARY EROSION CONTROL FACILITIES AT LOCATIONS SHOWN ON THE PLANS.
 - II. TEMPORARILY SEED ERODABLE BARE EARTH ON A WEEKLY BASIS TO MINIMIZE THE AMOUNT OF ERODABLE SURFACE AREA WITHIN THE CONTRACT LIMITS.
 - III. CONSTRUCT ROADSIDE DITCHES AND PROVIDE TEMPORARY EROSION CONTROL SYSTEMS.
 - IV. TEMPORARILY DIVERT WATER AROUND PROPOSED CULVERT LOCATIONS.
 - V. BUILD NECESSARY EMBANKMENT AT CULVERT LOCATIONS AND THEN EXCAVATE AND PLACE CULVERT.
 - VI. CONTINUE BUILDING UP THE EMBANKMENT TO THE PROPOSED GRADE WHILE AT THE SAME TIME, PLACING PERMANENT CONTROL SUCH AS RIPRAP DITCH LINING AND CONDUCTING FINAL SHAPING TO THE SLOPES.
 - (d.) EXCAVATED AREAS AND EMBANKMENT SHALL BE PERMANENTLY SEEDED IMMEDIATELY AFTER FINAL GRADING. IF NOT, THEY SHALL BE TEMPORARILY SEEDED IF NO CONSTRUCTION ACTIVITY IN THE AREA IS PLANNED FOR 7 DAYS.
 - (e.) CONSTRUCTION EQUIPMENT SHALL BE STORED AND FUELED ONLY AT DESIGNATED LOCATIONS. ALL NECESSARY MEASURES SHALL BE TAKEN TO CONTAIN ANY FUEL OF OTHER POLLUTANT IN ACCORDANCE WITH EPA WATER QUALITY REGULATIONS. LEAKING EQUIPMENT OR SUPPLIES SHALL BE IMMEDIATELY REPAIRED OR REMOVED FROM THE SITE.
 - (f.) THE RESIDENT ENGINEER SHALL INSPECT THE PROJECT DAILY DURING CONSTRUCTION ACTIVITIES. INSPECTION SHALL ALSO BE DONE WEEKLY AND AFTER RAINS OF 1/2 INCH OR GREATER OR EQUIVALENT SNOWFALL AND DURING THE WINTER SHUTDOWN PERIOD. THE PROJECT SHALL ADDITIONALLY BE INSPECTED BY THE CONSTRUCTION FIELD ENGINEER ON A BI-WEEKLY BASIS TO DETERMINE THAT EROSION CONTROL EFFORTS ARE IN PLACE AND EFFECTIVE AND IF OTHER EROSION CONTROL WORK IS NECESSARY.
 - (g.) SEDIMENT COLLECTED DURING CONSTRUCTION OF THE VARIOUS TEMPORARY EROSION CONTROL SYSTEMS SHALL BE DISPOSED OF ON THE SITE ON A REGULAR BASIS AS DIRECTED BY THE ENGINEER. THE COST OF THIS MAINTENANCE SHALL BE INCLUDED IN THE UNIT BID PRICE FOR EARTH EXCAVATION.
 - (h.) THE TEMPORARY EROSION CONTROL SYSTEMS SHALL BE REMOVED AS DIRECTED BY THE ENGINEER AFTER USE IS NO LONGER NEEDED OR NO LONGER FUNCTIONING. THE COST OF THIS REMOVAL SHALL BE INCLUDED IN THE UNIT BID PRICE FOR TEMPORARY EROSION CONTROL SYSTEM.

DESCRIPTION OF STRUCTURAL PRACTICES AFTER FINAL GRADING:

1. TEMPORARY EROSION CONTROL SYSTEMS SHALL BE LEFT IN PLACE WITH PROPER MAINTENANCE UNTIL PERMANENT EROSION CONTROL IS IN PLACE AND WORKING PROPERLY AND ALL PROPOSED TURF AREAS SEEDED AND ESTABLISHED.
2. ONCE PERMINANT EROSION CONTROL SYSTEMS AS PROPOSED IN THE PLANS ARE FUNCTIONAL AND ESTABLISHED, TEMPORARY ITEMS SHALL BE REMOVED, CLEANED UP, AND DISTURBED TURF RESEEDED.

MAINTENANCE AFTER CONSTRUCTION:

1. CONSTRUCTION IS COMPLETE AFTER ACCEPTANCE BY I.D.O.T. FINAL INSPECTION. MAINTENANCE UP TO THIS DATE WILL BE BY THE CONTRACTOR.



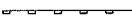

MISCELLANEOUS:

1. TEMPORARY DITCH CHECK, GEOTEXTILE, AND ROLLED EXCELSIOR SHALL BE LOCATED AT EVERY 0.46 METER FALL/RISE IN DITCH GRADE.
2. TEMPORARY DITCH CHECKS, AGGREGATE USES GRADING NO. 3- REMOVE AT END OF CONSTRUCTION.
3. TEMPORARY EROSION CONTROL SEEDING SHALL BE APPLIED AT A RATE OF 110 KG/HA.
4. MULCH AS APPLIED TO TEMPORARY EROSION CONTROL SEEDING SHALL BE BY THE METHOD SPECIFIED IN THE CONTRACT AND AT THE DIRECTION OF THE ENGINEER. MULCH WILL BE PAID FOR SEPARATELY AND SHALL CONFORM TO SECTION 251 OF THE STANDARD SPECIFICATIONS.
5. CONSTRUCT PERIMETER EROSION CONTROL AT BEGINNING OF CONSTRUCTION. REMOVE AT END OF CONSTRUCTION.
6. ALL EROSION CONTROL PRODUCTS FURNISHED SHALL BE SPECIFICALLY RECOMMENDED BY THE MANUFACTURER FOR THE USE SPECIFIED IN THE EROSION CONTROL PLAN. PRIOR TO THE APPROVAL AND USE OF THE PRODUCT, THE CONTRACTOR SHALL SUBMIT TO THE ENGINEER A NOTARIZED CERTIFICATION BY THE PRODUCER STATING THE INTENDED USE OF THE PRODUCT AND THAT THE PHYSICAL PROPERTIES REQUIRED FOR THIS APPLICATION ARE MET OR EXCEEDED. THE CONTRACTOR SHALL PROVIDE MANUFACTURER INSTALLATION PROCEDURES TO FACILITATE THE ENGINEER IN CONSTRUCTION INSPECTION.

RECOMMENDED SPACING OF DITCH CHECK MATERIALS BASED UPON THE PERCENT OF SLOPE.

% SLOPE	HT. AT CENTER/ OVERFLOW PT. OF DITCH CHECK	SPACING OF DITCH CHECK IN METERS
8	300	4.0
	450	6.1
	600	7.9
7	300	4.3
	450	6.4
	600	8.5
6	300	5.2
	450	7.9
	600	10.4
5	300	6.1
	450	9.1
	600	12.2
4	300	7.6
	450	11.6
	600	15.2
3	300	10.1
	450	15.2
	600	20.1
2	300	15.2
	450	22.9
	600	30.5
1 OR BELOW	300	30.5
	450	45.7
	600	61.0

LEGEND

-  TEMPORARY DITCH CHECK- STONES, GEOTEXTILE, ROLLED EXCELSIOR
-  EROSION CONTROL BLANKET
-  PERIMETER EROSION BARRIER- SILT FILTER FENCE OR OTHER AS APPROVED BY THE ENGINEER
-  INLET AND PIPE PROTECTION- STRAW BALES, FILTER FABRIC, AGGREGATES

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UNLESS DESIGNATED OTHERWISE

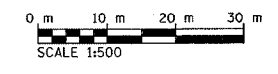
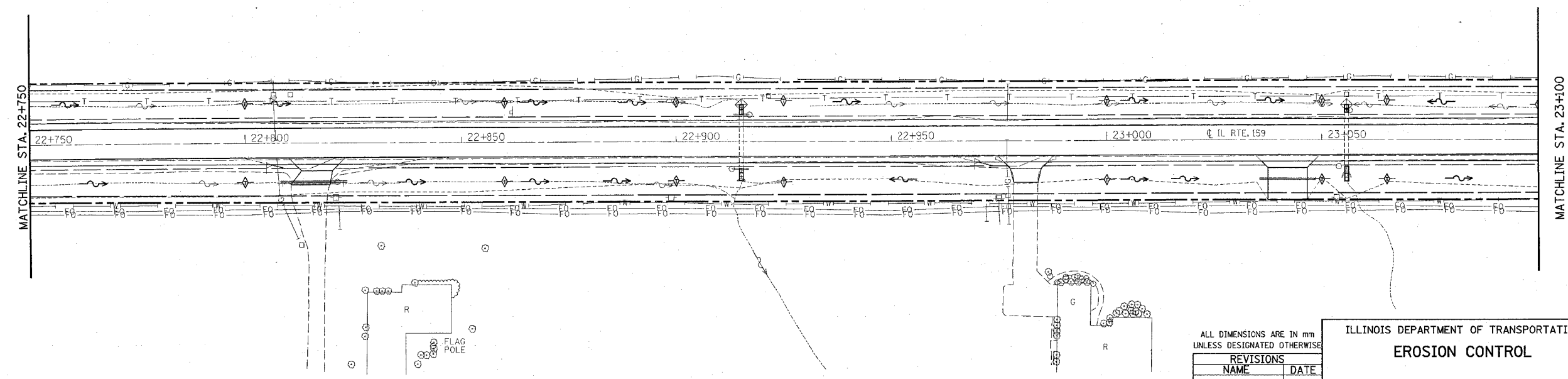
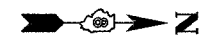
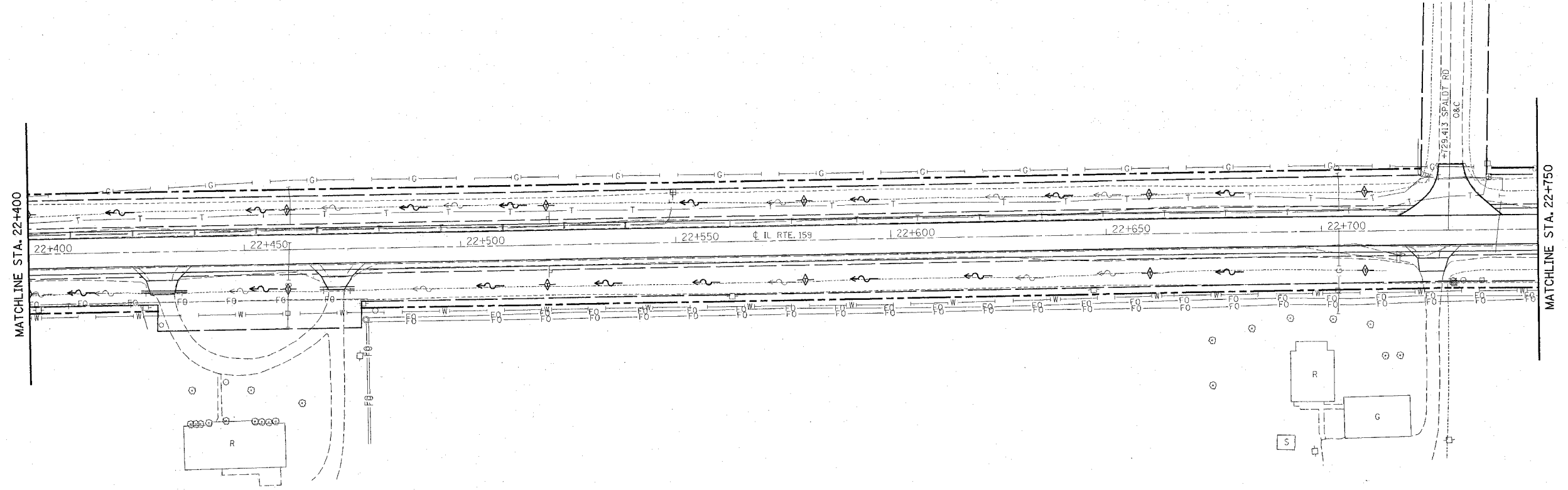
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
**STORM WATER POLLUTION
 PREVENTION PLAN**
 FAP ROUTE 600
 SECTION 5IRS-3
 ST. CLAIR & MONROE COUNTIES
 DRAWN BY:

PLAN	DATE
BY	
REVIEWED	
ALIGNED	
CHECKED	
DATE	
NO.	

FAP ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
600	51RS-3	*	347	121
STA.		TO STA.		
CONTRACT : 76563				

DATE	
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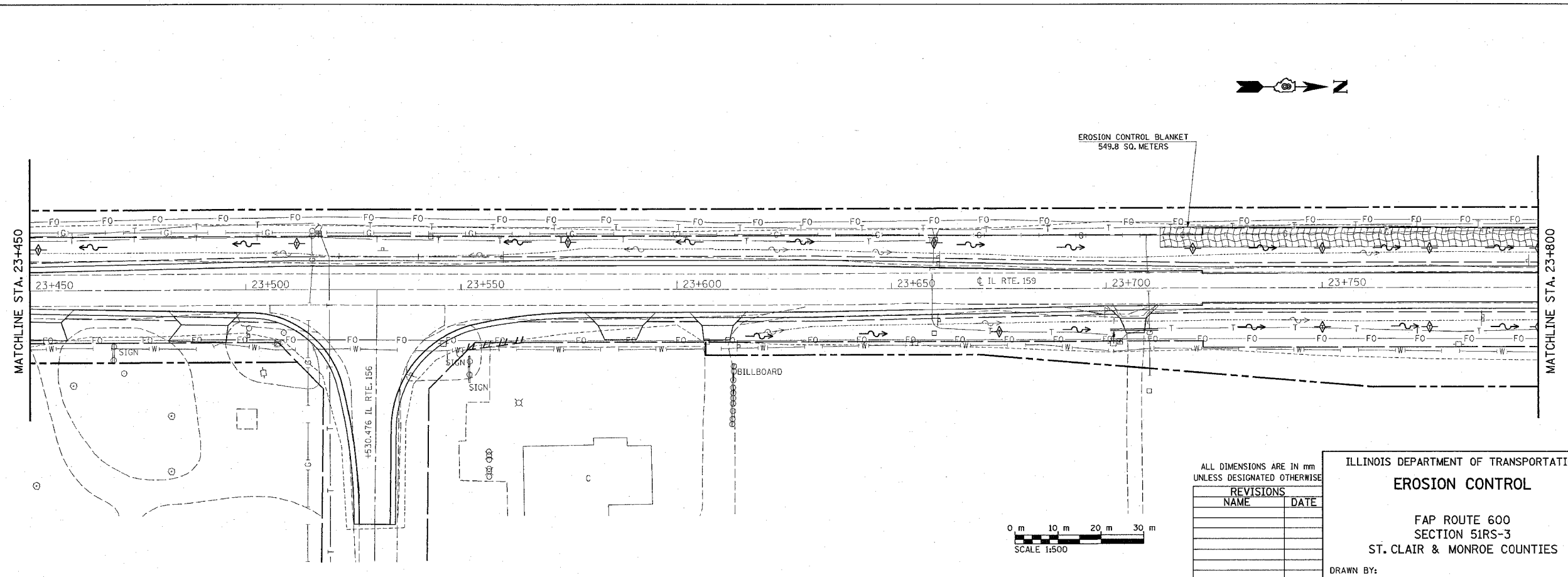
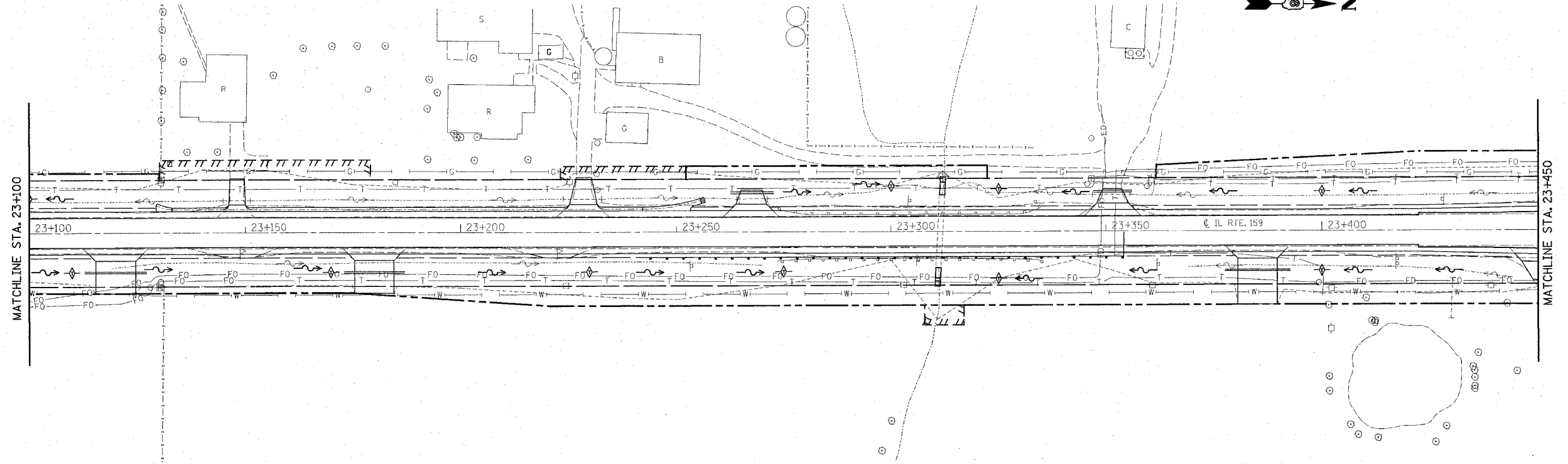
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REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
EROSION CONTROL
 FAP ROUTE 600
 SECTION 51RS-3
 ST. CLAIR & MONROE COUNTIES
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FAP ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
600	51RS-3	*	347	122
STA.	TO STA.			
CONTRACT : 76563				

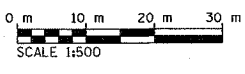


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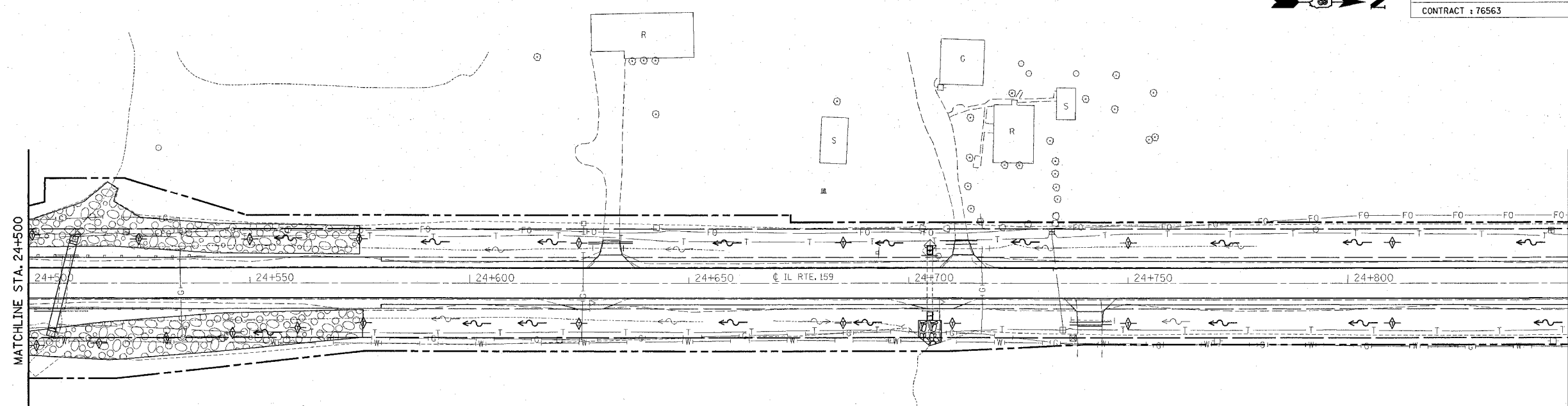
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NAME	DATE

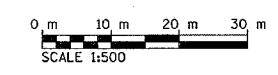
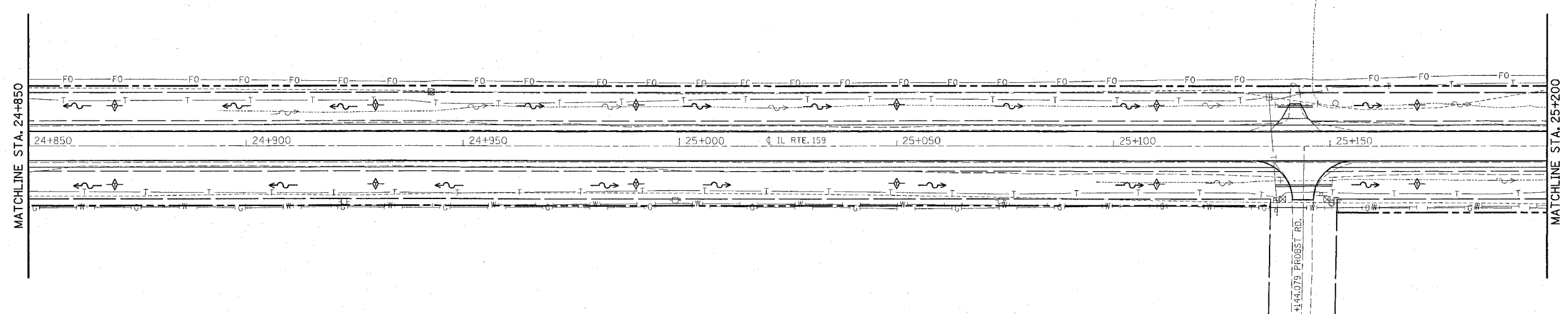


ILLINOIS DEPARTMENT OF TRANSPORTATION
EROSION CONTROL
 FAP ROUTE 600
 SECTION 51RS-3
 ST. CLAIR & MONROE COUNTIES
 DRAWN BY:
 PLOT DATE: Tuesday March 29, 2005 @ 1:38:47 PM

FAP ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
600	51RS-3	*	347	124
STA. _____ TO STA. _____		CONTRACT : 76563		



PLAN	SURVEYED	DATE
NOTE BOOK	ALIGNED	
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ALL DIMENSIONS ARE IN mm
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REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
EROSION CONTROL
 FAP ROUTE 600
 SECTION 51RS-3
 ST. CLAIR & MONROE COUNTIES
 DRAWN BY:

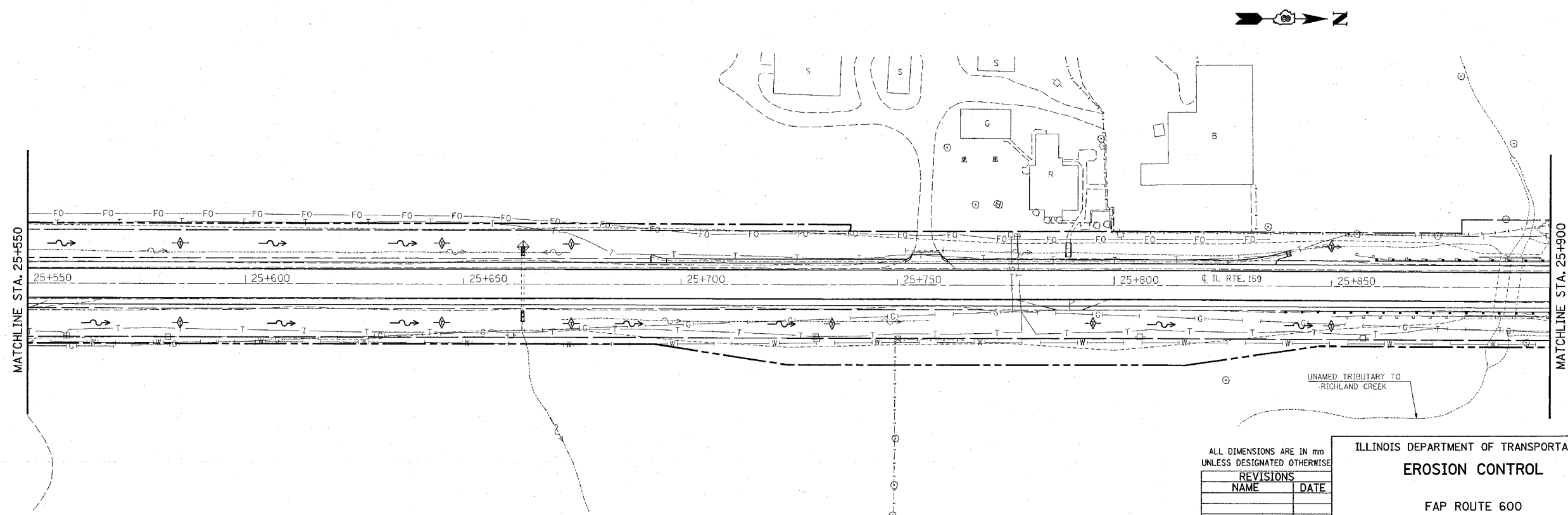
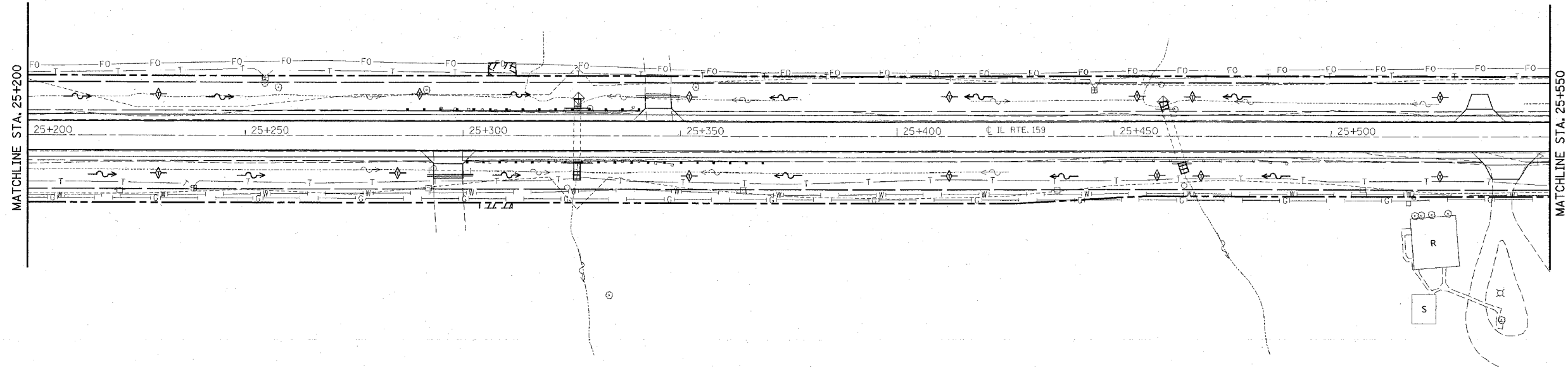
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• ST. CLAIR & MONROE COUNTIES

FAP ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
600	51RS-3	*	347	125
STA.	TO STA.			
CONTRACT : 76563				



PLAN	REVISIONS	DATE
NOTE BOOK	NO. OF WAY CHECKED	
NO.	ADD. FILE NAME	



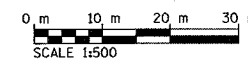
ALL DIMENSIONS ARE IN mm
UNLESS DESIGNATED OTHERWISE

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
EROSION CONTROL

FAP ROUTE 600
SECTION 51RS-3
ST. CLAIR & MONROE COUNTIES

DRAWN BY:



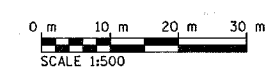
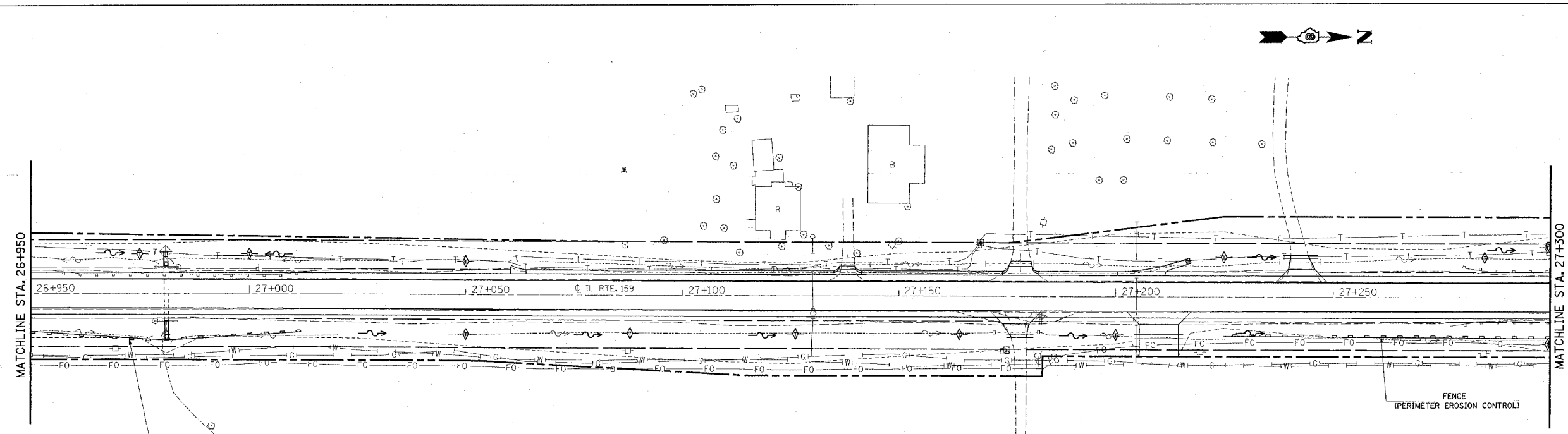
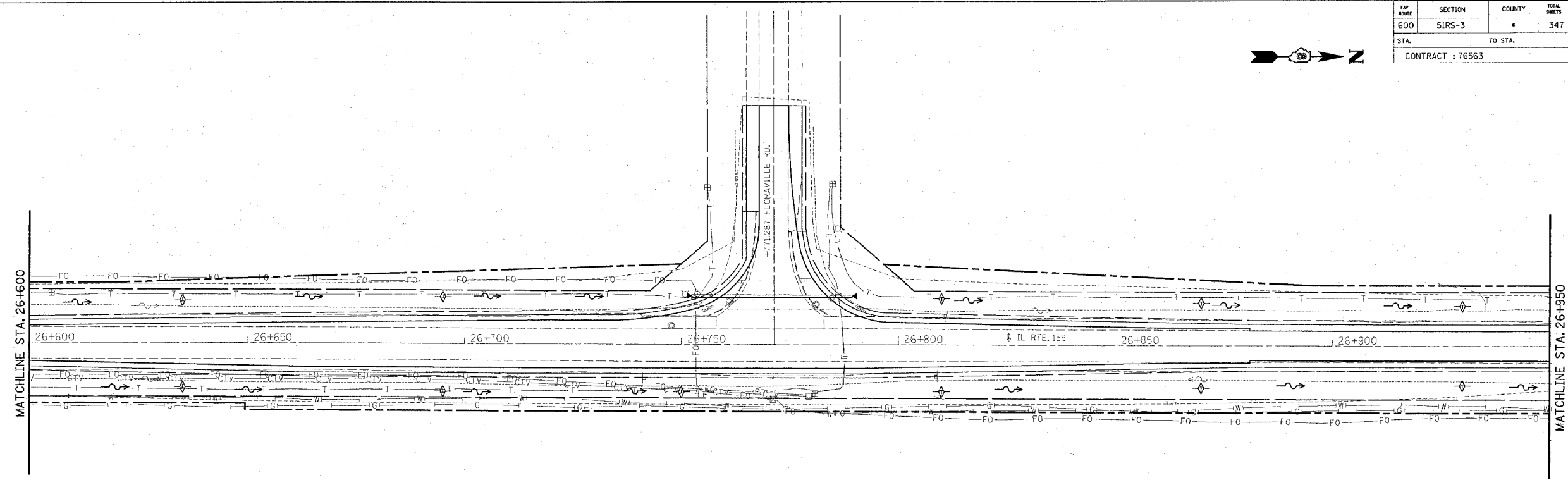
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FAP ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
600	51RS-3	*	347	127
STA.		TO STA.		
CONTRACT : 76563				



PLAN	DATE
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ALL DIMENSIONS ARE IN mm
UNLESS DESIGNATED OTHERWISE

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NAME	DATE

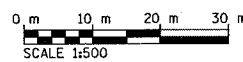
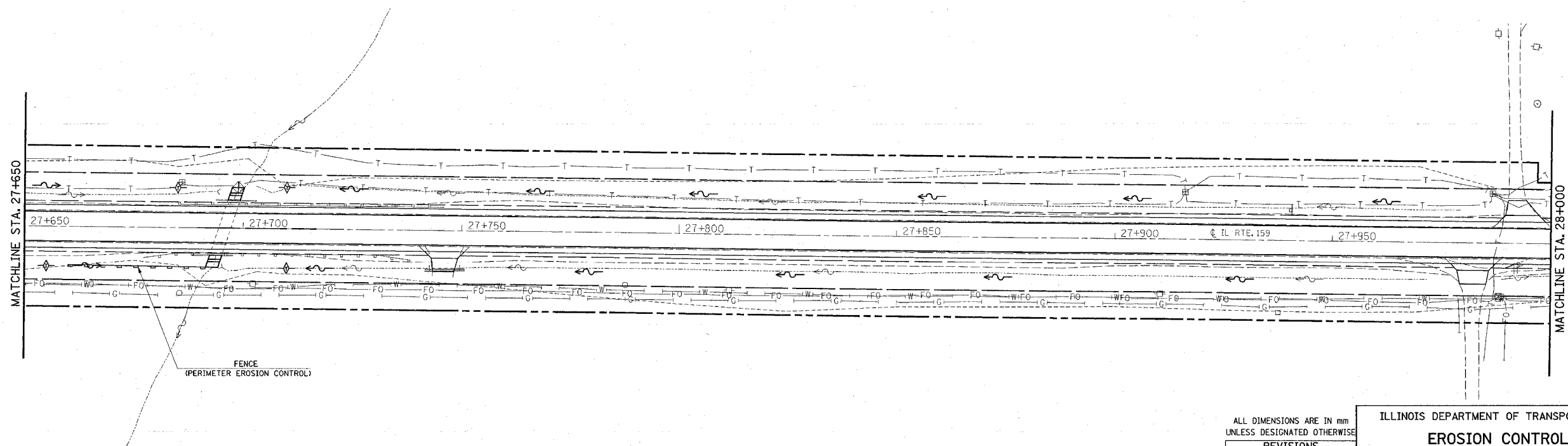
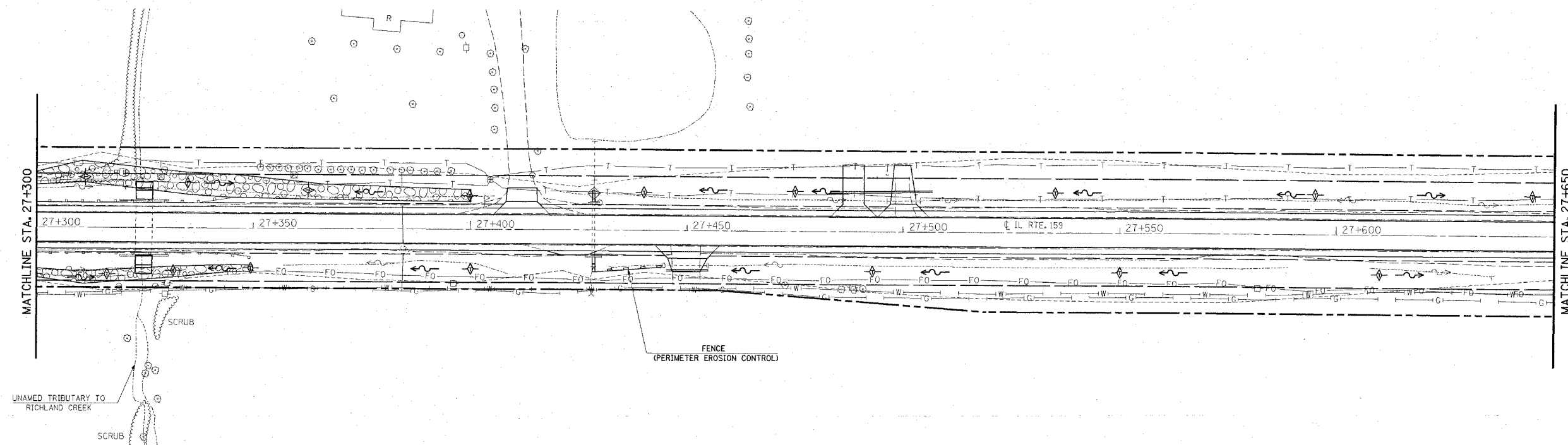
ILLINOIS DEPARTMENT OF TRANSPORTATION
EROSION CONTROL
 FAP ROUTE 600
 SECTION 51RS-3
 ST. CLAIR & MONROE COUNTIES
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FAP ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
600	5IRS-3	*	347	128
STA. TO STA.		CONTRACT : 76563		



DATE	BY



ALL DIMENSIONS ARE IN MM
UNLESS DESIGNATED OTHERWISE

REVISIONS	
NAME	DATE

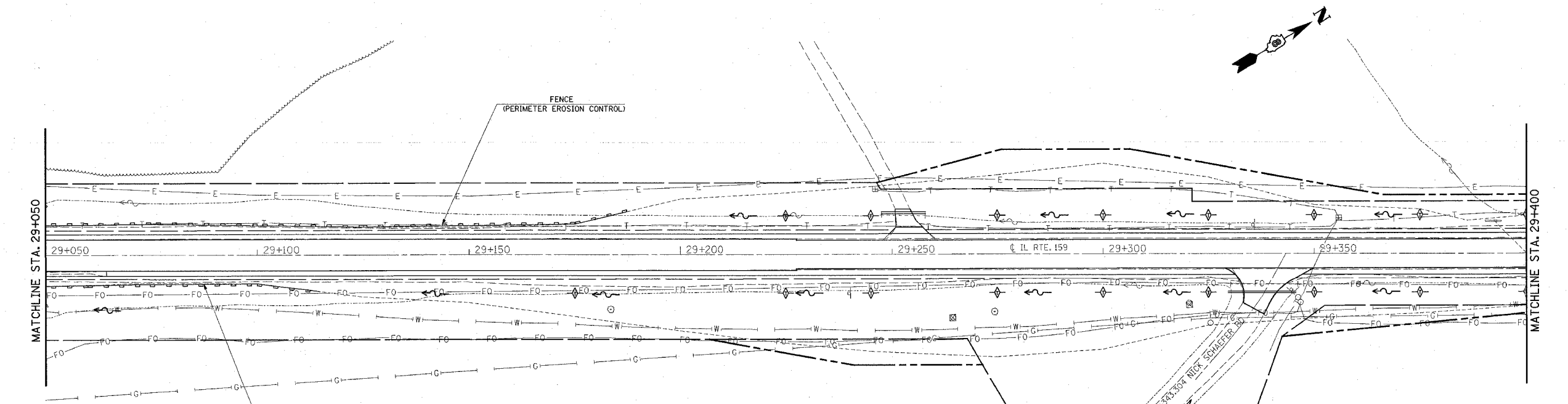
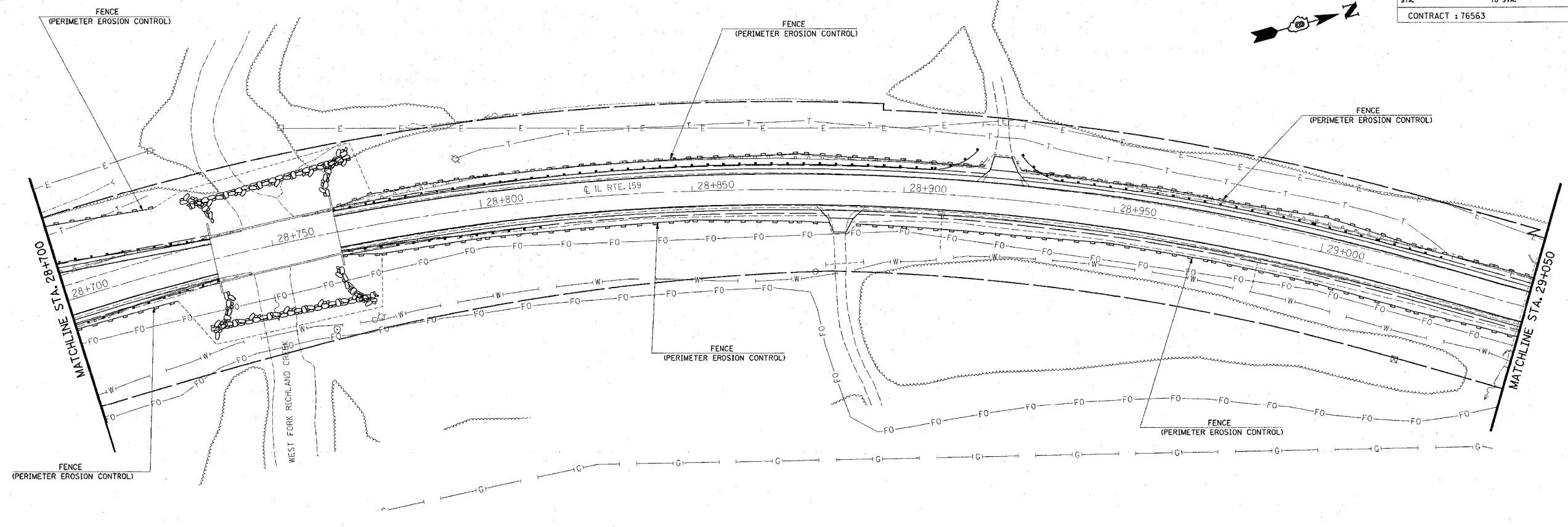
ILLINOIS DEPARTMENT OF TRANSPORTATION
EROSION CONTROL

FAP ROUTE 600
SECTION 5IRS-3
ST. CLAIR & MONROE COUNTIES

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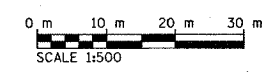
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600	51RS-3	*	347	130
STA. 28+700		TO STA. 29+050		
CONTRACT : 76563				



DATE	BY	REVISION

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3/29/2005
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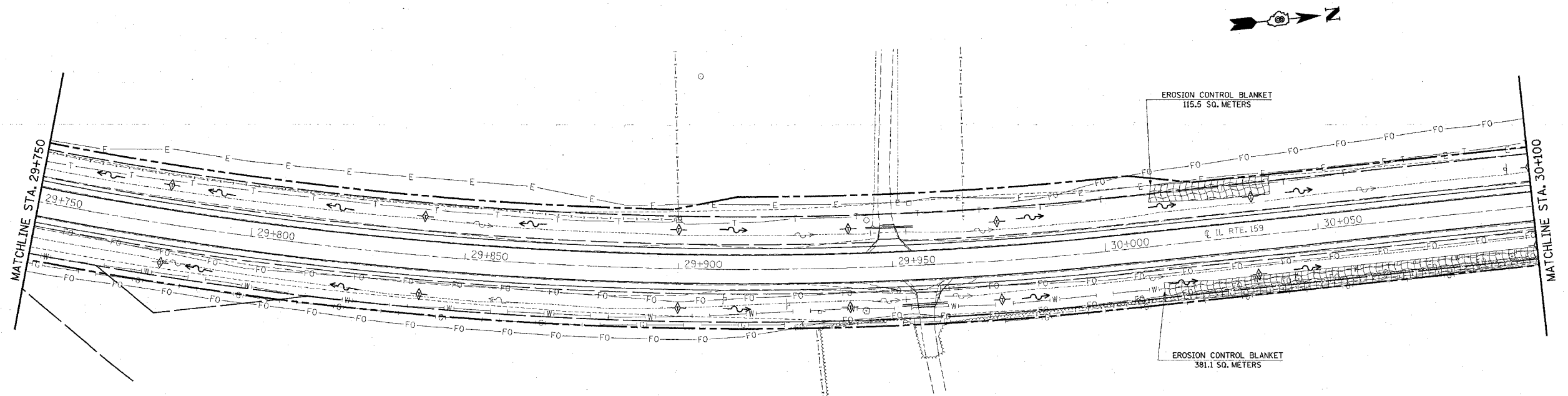
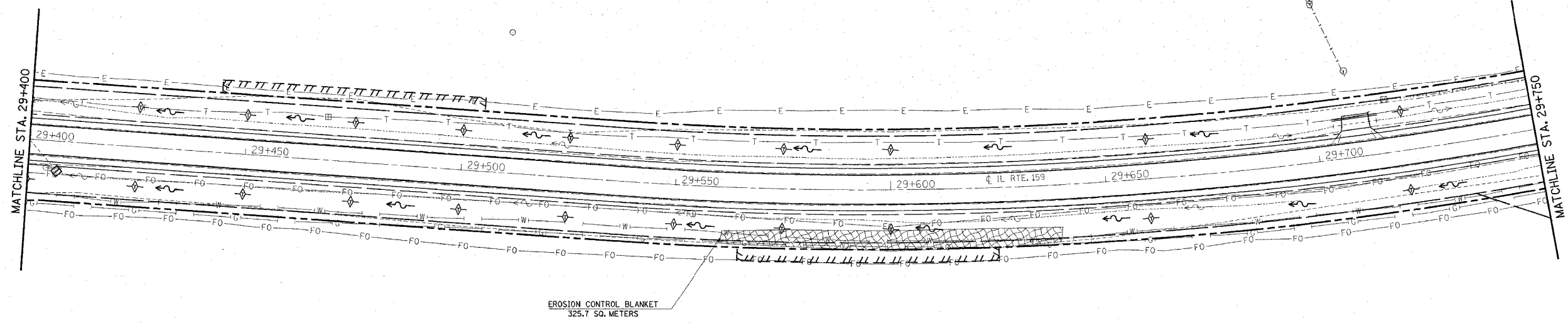
ALL DIMENSIONS ARE IN mm UNLESS DESIGNATED OTHERWISE

REVISIONS	
NAME	DATE

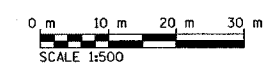
ILLINOIS DEPARTMENT OF TRANSPORTATION
EROSION CONTROL
FAP ROUTE 600
SECTION 51RS-3
ST. CLAIR & MONROE COUNTIES
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PLOT DATE: Tuesday March 29, 2005 @ 2:04:07 PM

FAP ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
600	51RS-3	*	347	131
STA.		TO STA.		
CONTRACT : 76563				

PLAN	SURVEYED	DATE
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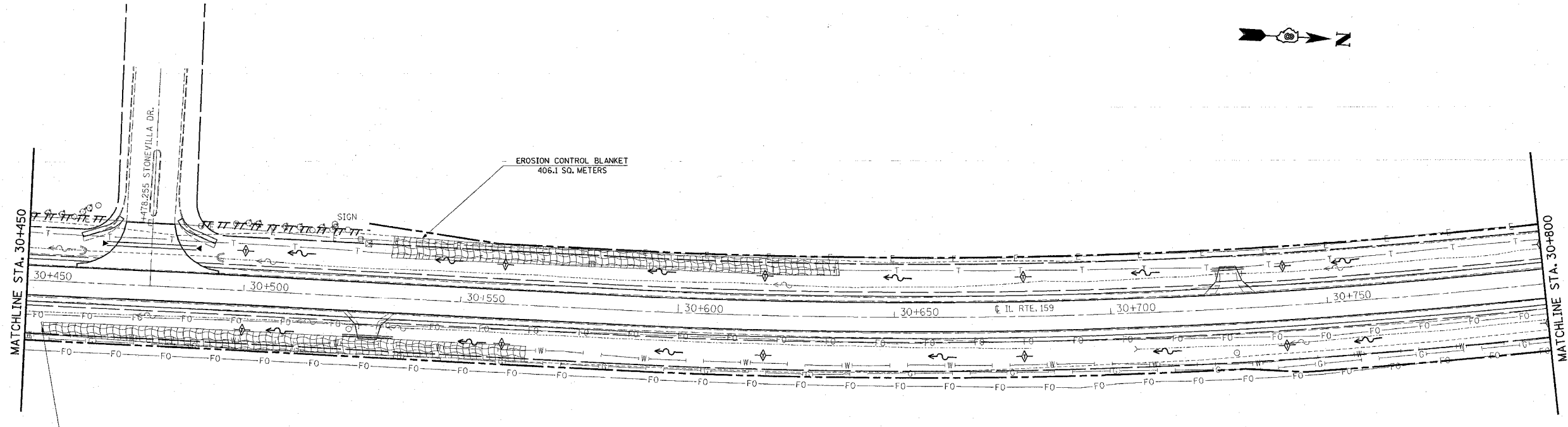
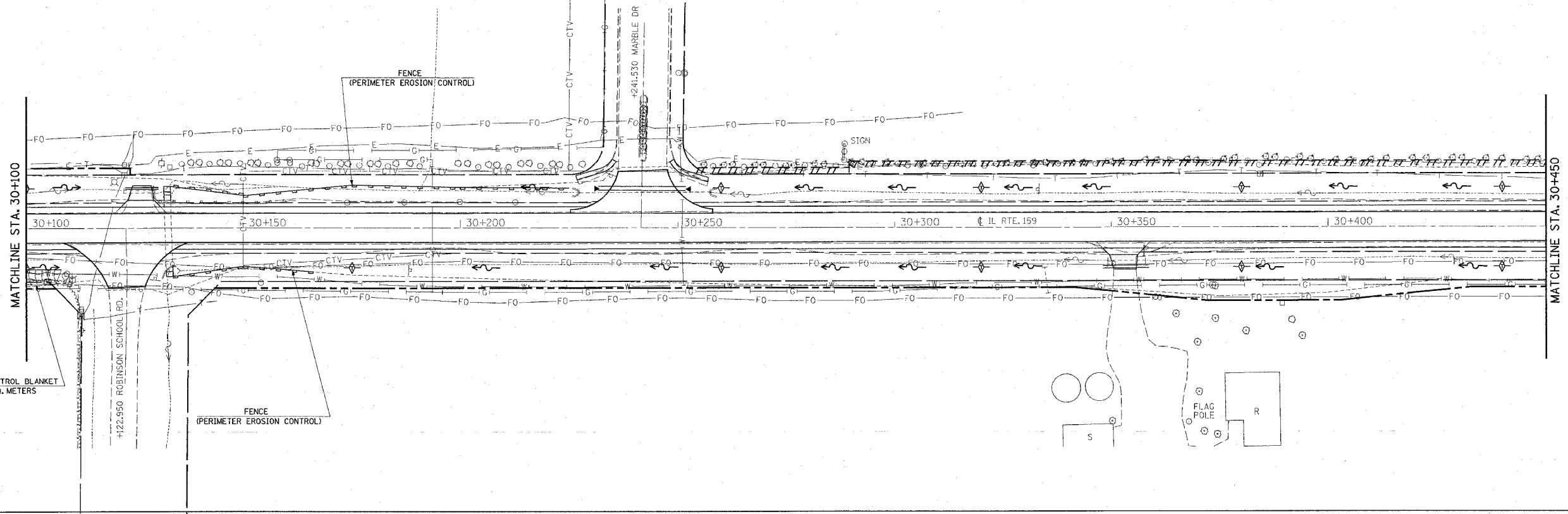
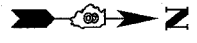


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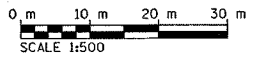
ILLINOIS DEPARTMENT OF TRANSPORTATION
 EROSION CONTROL
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 SECTION 51RS-1
 ST. CLAIR & MONROE COUNTIES
 DRAWN BY:

FAP ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
600	51RS-3	*	347	132
STA. TO STA.		CONTRACT : 76563		



PLAN	SURVEYED	DATE
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NOTE BOOK NO.		

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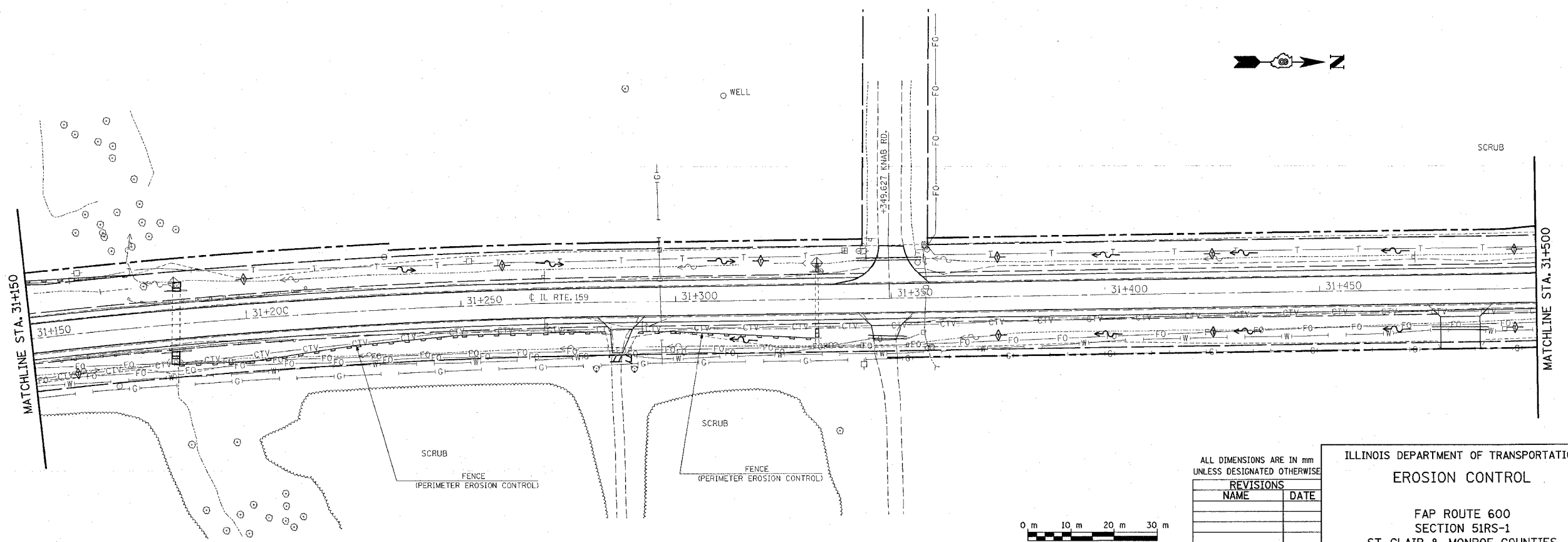
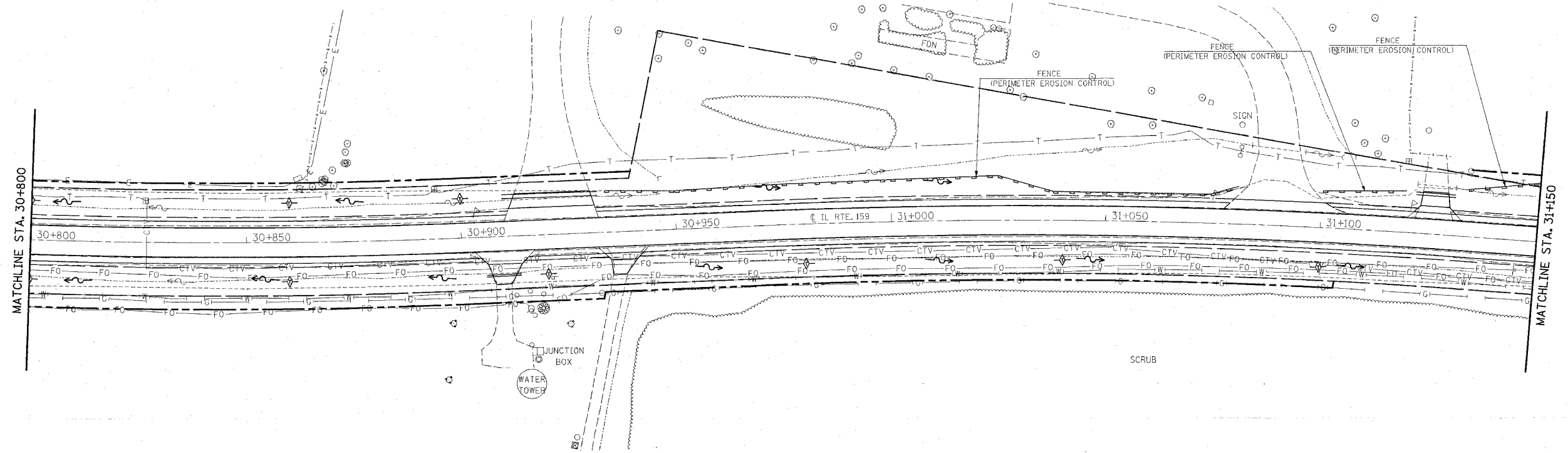
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NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 EROSION CONTROL

FAP ROUTE 600
 SECTION 51RS-1
 ST. CLAIR & MONROE COUNTIES

DRAWN BY:
 PLOT DATE: Tuesday March 29, 2005 @ 2:04:25 PM

MAP ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
600	51RS-3	*	347	133
STA. TO STA.		CONTRACT : 76563		



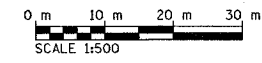
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NOTE BOOK	ALIGNED	
NO.	FILE NAME	

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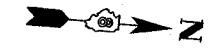
ALL DIMENSIONS ARE IN mm
 UNLESS DESIGNATED OTHERWISE

REVISIONS	
NAME	DATE

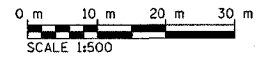
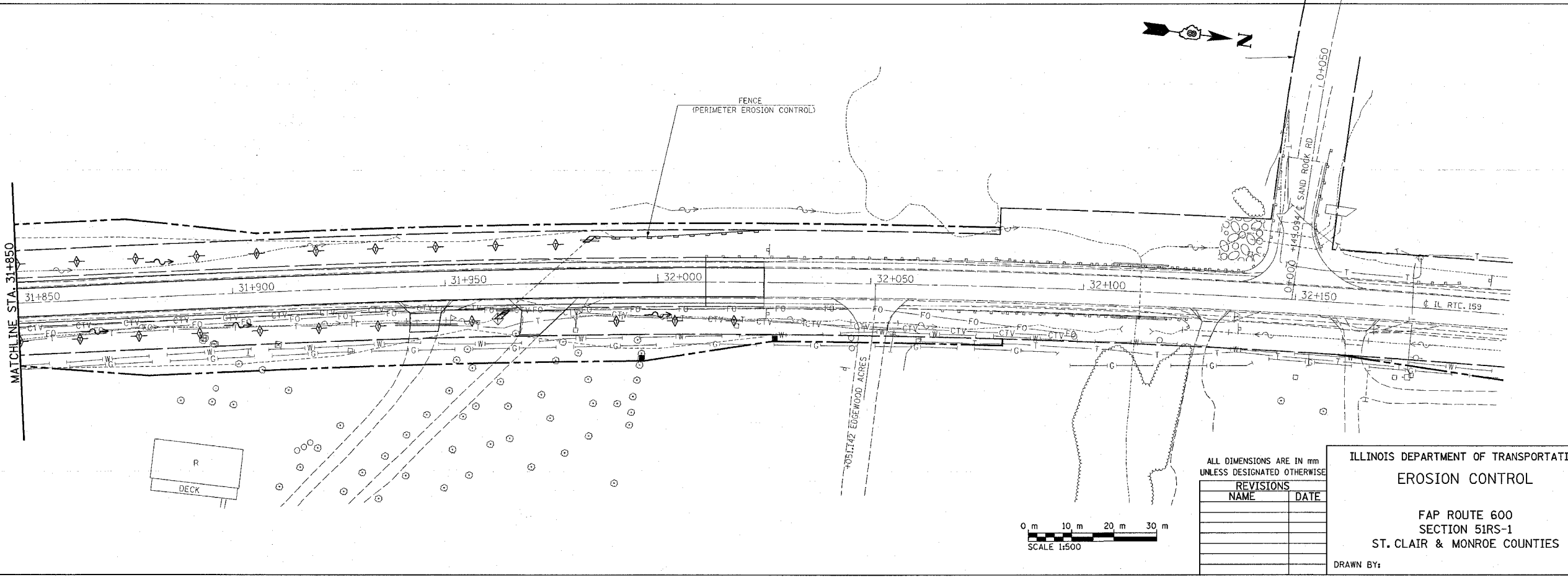
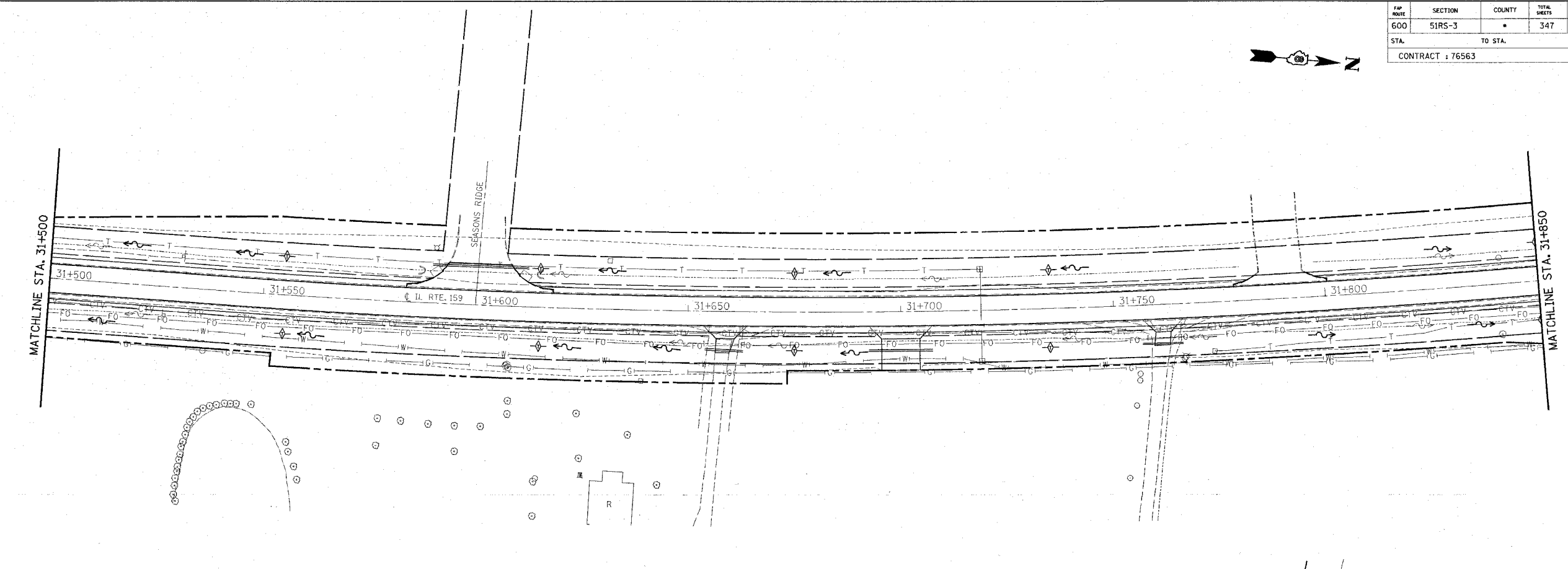
ILLINOIS DEPARTMENT OF TRANSPORTATION
EROSION CONTROL
 FAP ROUTE 600
 SECTION 51RS-1
 ST. CLAIR & MONROE COUNTIES
 DRAWN BY:



FAP ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
600	51RS-3	*	347	134
STA. TO STA.		CONTRACT : 76563		



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ALL DIMENSIONS ARE IN mm UNLESS DESIGNATED OTHERWISE

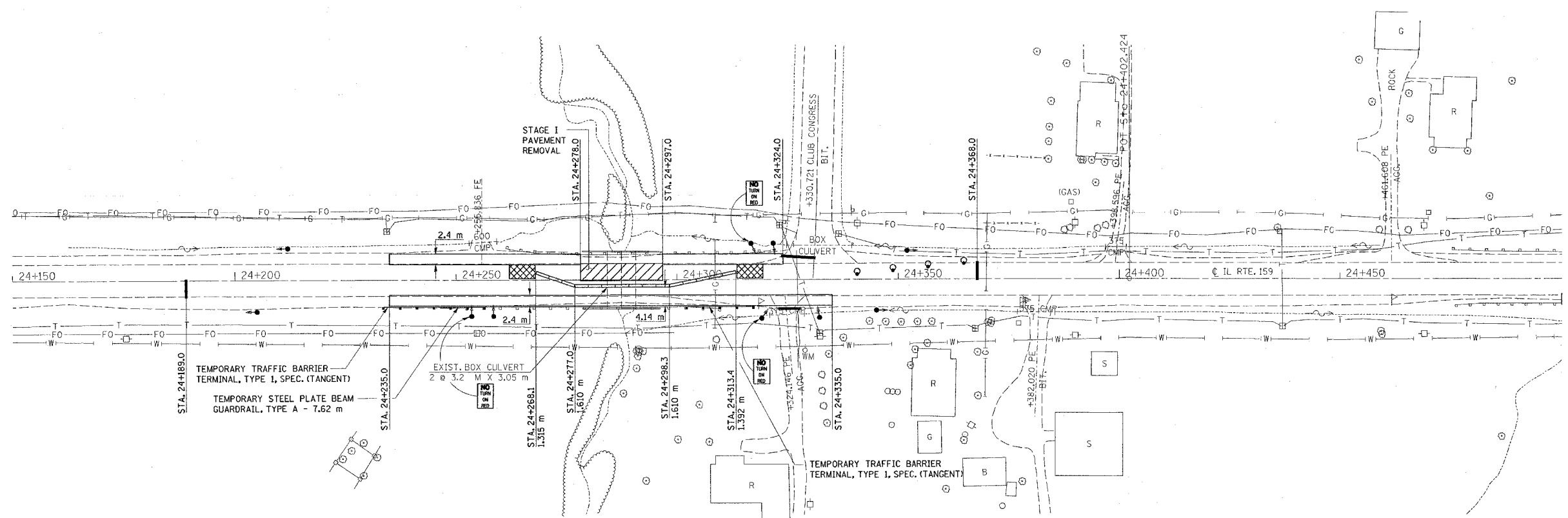
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
EROSION CONTROL
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 SECTION 51RS-1
 ST. CLAIR & MONROE COUNTIES
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FAP ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
600	SIRS-3	ST. CLAIR	347	135
STA.		TO STA.		
CONTRACT : 76563				

LEGEND	
	TEMPORARY TRAFFIC SIGNAL
	DRUM WITH STEADY BURNING LIGHT
	IMPACT ATTENUATOR
	TEMPORARY CONCRETE BARRIER

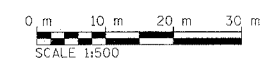


GENERAL NOTES	
1.	THIS WORK SHALL SUPPLEMENT AND BE IN ACCORDANCE WITH TRAFFIC CONTROL STANDARD 701321.
2.	THE COST OF DRUMS, BARRICADES, REFLECTORS, VERTICAL PANELS AND SIGNING WILL NOT BE PAID FOR SEPARATELY, AND SHALL BE INCLUDED IN THE COST OF TRAFFIC CONTROL AND PROTECTION, STANDARD 701321 (SPECIAL).
3.	ACCESS TO ENTRANCES SHALL BE MAINTAINED AT ALL TIMES.
4.	THE CONTRACTOR SHALL SAW CUT THE EDGE OF PAVEMENT PRIOR TO PLACING THE BITUMINOUS BASE COURSE FOR STAGE TRAFFIC.
5.	THE WIDENING SHALL BE PLACED AS A PRE-STAGE TO STAGE I CONSTRUCTION. WIDENING FROM STA 24+278 LT. TO STA 24+297 LT. FOR STAGE II TRAFFIC SHALL BE PLACED PRIOR TO STAGE II CONSTRUCTION. THE COST SHALL BE PAID FOR AS "BITUMINOUS BASE COURSE, SUPERPAVE, 230 mm".
6.	THE EXISTING GUARDRAIL TERMINALS IN THE NE AND SE QUADRANTS SHALL BE REMOVED AND REPLACED WITH "TEMPORARY STEEL PLATE BEAM GUARD RAIL, TYPE A" AND "TEMPORARY TRAFFIC BARRIER TERMINALS, TYPE I SPECIAL (TANGENT)". THIS WORK SHALL BE PERFORMED AS A PRE-STAGE TO STAGE I CONSTRUCTION. SEE CALL-OUTS FOR EXACT LENGTH AND LOCATION.
7.	THE BOTTOM 150 mm OF THE TEMPORARY CONCRETE BARRIER SHALL BE PAINTED WITH TEMPORARY PAVEMENT MARKING "WHITE". THE COST SHALL BE PAID FOR AS "TEMPORARY PAVEMENT MARKING - LINE 150 mm".

TRAFFIC CONTROL QUANTITIES - SN 082-2041		
ITEM	UNIT	TOTAL
TRAFFIC CONTROL AND PROTECTION, STD 701321 (SPECIAL)	EACH	1
TRAFFIC CONTROL SURVEILLANCE	CAL DA	42
TEMP. BRIDGE TRAFFIC SIGNALS (STATE FURN. CONTROLLER)	EACH	1
PAVEMENT REMOVAL	SO M	173
TEMPORARY PAVEMENT MARKING - LINE 150 mm	M	134.1
WORK ZONE PAVEMENT MARKING REMOVAL	SO M	36.4
RELOCATE TEMPORARY CONCRETE BARRIER (STATE OWNED)	M	45.7
TEMPORARY CONCRETE BARRIER (STATE OWNED)	M	67.1
TEMPORARY STEEL PLATE BEAM GUARD RAIL, TYPE A	M	7.62
PAVEMENT MARKING REMOVAL	SO M	14.6
BITUMINOUS BASE COURSE SUPERPAVE, 230 mm	SO M	627
TEMPORARY TBT, TYPE 1, SPECIAL (TANGENT)	EACH	2
IMPACT ATTENUATORS, RELOCATE (NON- REDIRECTIVE), TEST LEVEL 3	EACH	2
IMPACT ATTENUATORS, TEMPORARY (NON- REDIRECTIVE), TEST LEVEL 3	EACH	2



SAND MODULE IMPACT ATTENUATOR LAYOUT (IF OPTION USED)



ALL DIMENSIONS ARE IN mm UNLESS DESIGNATED OTHERWISE

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
STAGE I CONSTRUCTION
SN 082-2041
STA 24+287.51
 FAP ROUTE 600
 SECTION 5IRS-3
 ST. CLAIR COUNTY

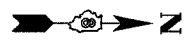
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PLAN	SURVEYED	DATE
NOTE BOOK	ALIGNED	
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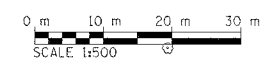
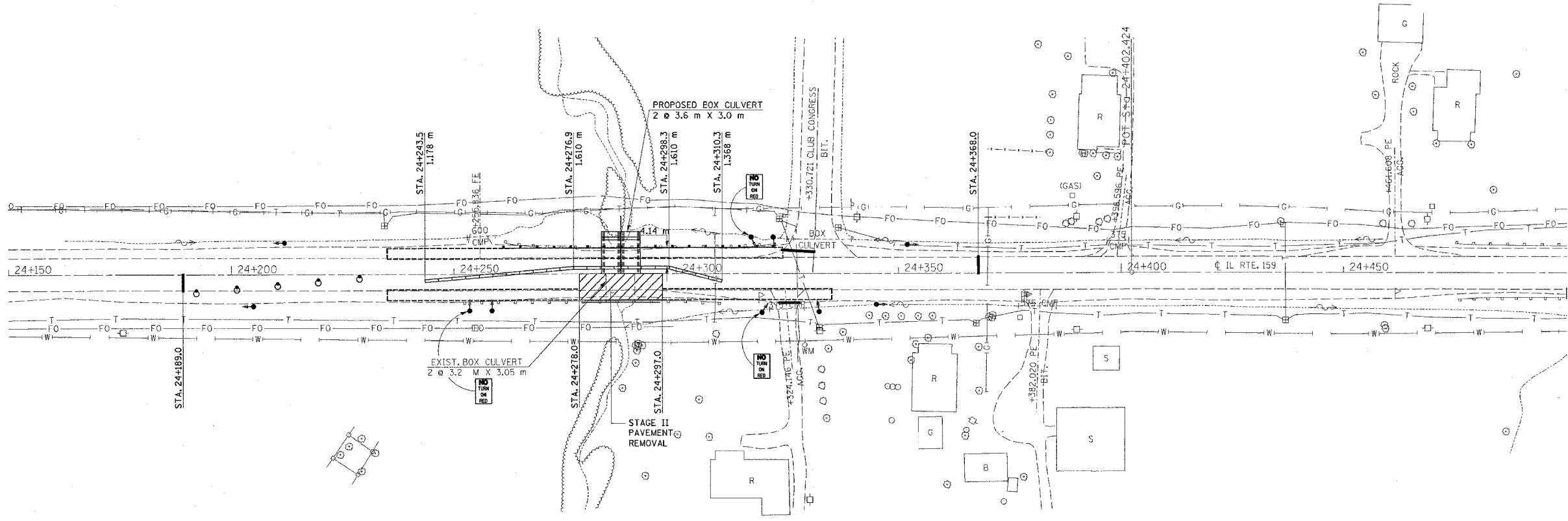
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FAP ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
600	51RS-3	ST. CLAIR	347	136
STA.		TO STA.		
CONTRACT : 76563				

LEGEND	
	TEMPORARY TRAFFIC SIGNAL
	DRUM WITH STEADY BURNING LIGHT
	IMPACT ATTENUATOR
	TEMPORARY CONCRETE BARRIER



PLAN	SERIALIZED	DATE
NOTE BOOK	BY	
NO.		
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	DATE	



ALL DIMENSIONS ARE IN mm
UNLESS DESIGNATED OTHERWISE

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
STAGE II CONSTRUCTION
 SN 082-2041
 STA 24+287.521
 FAP ROUTE 600
 SECTION 51RS-3
 ST. CLAIR COUNTY

DRAWN BY:

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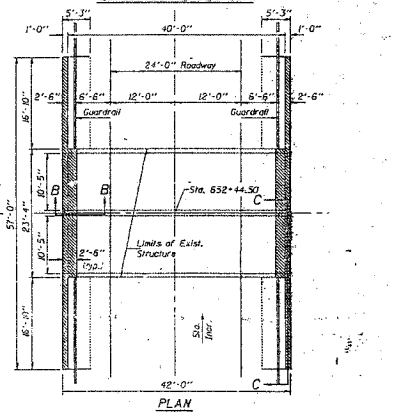
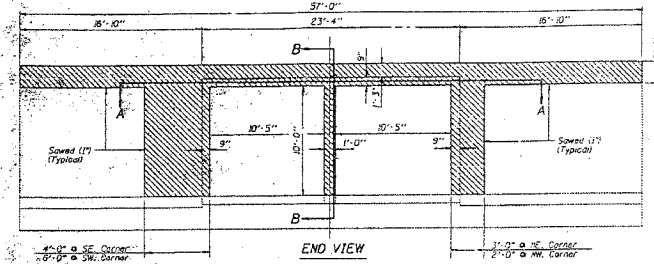
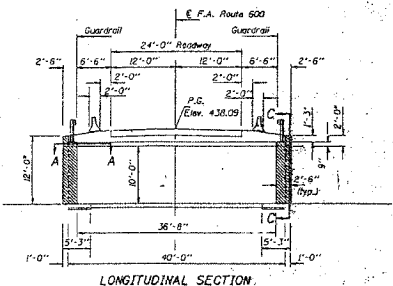
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FAP ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
600	SIRS-3	ST. CLAIR	547	137
STA. TO STA.		EXISTING CONDITIONS:		

Box culvert, 12' wide spans, 10' high, built in 1928, 0.25' west of center of Sec. 10, R. 9 W. Twp. 3 S. in N.W. angle of junction of road to Standard Iron post with orange cap stamped "807 438" Elev. 437.67.
 Existing Structure, S.A. 082-2011 built in S.B.T. Route 159, Section 51-150 at Sta. 652+44.50 in 1928.
 Double 12'-5" x 10'-0" R.C. Box Culvert 42'-0" Out to Out of headwalls.
 The existing culvert will be rehabilitated at both ends while traffic is being maintained.

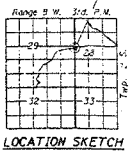
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DATE	BY	BY	BY



- GENERAL NOTES**
- REINFORCEMENT BARS SHALL CONFORM TO THE REQUIREMENTS OF AASHTO M-31, #42 OR M-53 GRADE 60.
 - PLAN DIMENSIONS AND DETAILS RELATIVE TO EXISTING STRUCTURE HAVE BEEN TAKEN FROM EXISTING PLANS AND ARE SUBJECT TO MINOR CONSTRUCTION VARIATIONS. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY SUCH DIMENSIONS AND DETAILS IN THE FIELD AND MAKE NECESSARY APPROVED ADJUSTMENTS PRIOR TO CONSTRUCTION OR ORDERING OF MATERIALS. SUCH VARIATIONS SHALL BE NOT CAUSE FOR ADDITIONAL COMPENSATION FOR A CHANGE IN THE SCOPE OF THE WORK. HOWEVER, THE CONTRACTOR WILL BE PAID FOR THE QUANTITY ACTUALLY FURNISHED AT THE UNIT PRICE BID FOR THE WORK.
 - THE CONCRETE REPAIR SHALL BE DONE IN SUCH A MANNER AS TO PREVENT DAMAGE TO THE EXISTING REINFORCEMENT BARS.
 - ALL BENT REINFORCEMENT BARS SHALL BE STRAIGHTENED. IF THERE ARE SHARP BENDS, NEW #4 OR #8 BARS SHALL BE LAPPED TO THEM AS DIRECTED BY THE ENGINEER. AN ESTIMATED QUANTITY OF 80 LBS. OF REINFORCEMENT HAS BEEN INCLUDED IN THE P.L.S FOR REPAIR OF BENT BARS.
 - ALL EXISTING REINFORCEMENT BARS TO BE UTILIZED IN THE NEW CONSTRUCTION SHALL BE CLEANED PRIOR TO PLACEMENT OF THE CLASS X CONCRETE.
 - STEEL PLATE SEAM GUARD RAILS SHALL BE ATTACHED TO THE BOX CULVERT IN ACCORDANCE WITH CASE IV OF STANDARD 2325.
 - HATCHED AREA INDICATES CONCRETE REMOVAL.

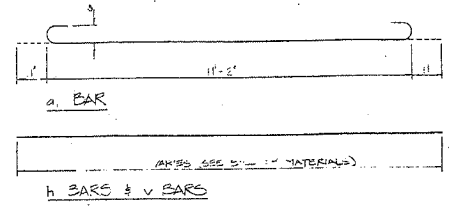
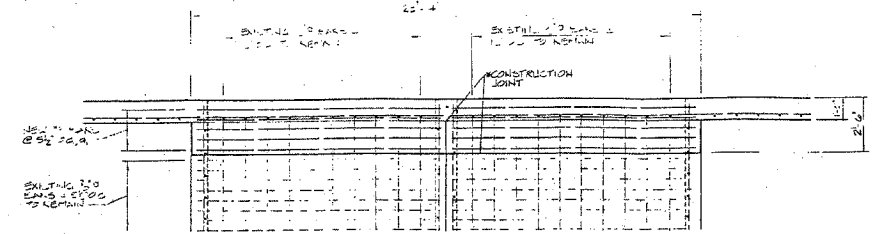
DESIGN SPECIFICATIONS
 AASHTO MS 20-44
 F.A. Route 600
 CLASS X CONCRETE
 DESIGN STRESS: 5300 (2003)
 DESIGN SPEED: 55 mph
 PLANTED SPEED: 55 mph



BOX CULVERT DETAILS
 ILLINOIS ROUTE 159 OVER
 TRIBUTARY TO RICHLAND CREEK
 F.A. ROUTE 600 SECTION 51B-1
 ST. CLAIR COUNTY
 STATION 652+44.50
 STRUCTURE NUMBER 082-2011

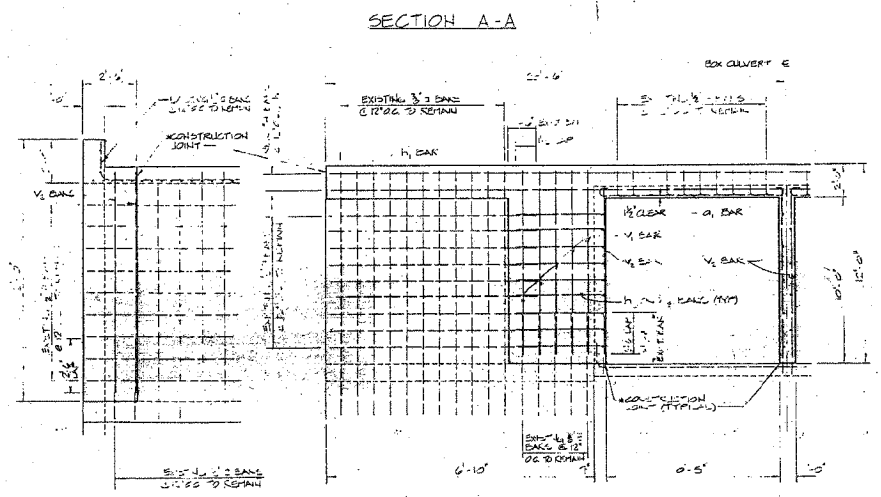
DESIGNED: T.D.	EXAMINED:
CHECKED: Paul W. Sweet	APPROVED:
CHECKED: R.L.D.	

HIGHWAY CLASSIFICATION
 F.A. Route 600
 CLASS X CONCRETE
 DESIGN STRESS: 5300 (2003)
 DESIGN SPEED: 55 mph
 PLANTED SPEED: 55 mph



BAR	NO	SIZE	LENGTH
a	20	#6	13'-0"
b	8	#4	13'-0"
c	4	#4	13'-0"
d	4	#4	13'-0"
e	1	#5	13'-0"
f	2	#5	13'-0"

REINFORCEMENT BARS: 1500 LBS
 CLASS X CONCRETE: 1500 CYC
 CONCRETE REMOVAL: 1500 CYC



REINFORCEMENT & CLASS X CONCRETE DETAILS
 STRUCTURE NUMBER 082-2011

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
EXISTING PLANS
 FAP ROUTE 600
 SECTION 51RS-3
 ST. CLAIR COUNTY
 SN 082-2041
 DRAWN BY:

DATE	BY	BY	BY

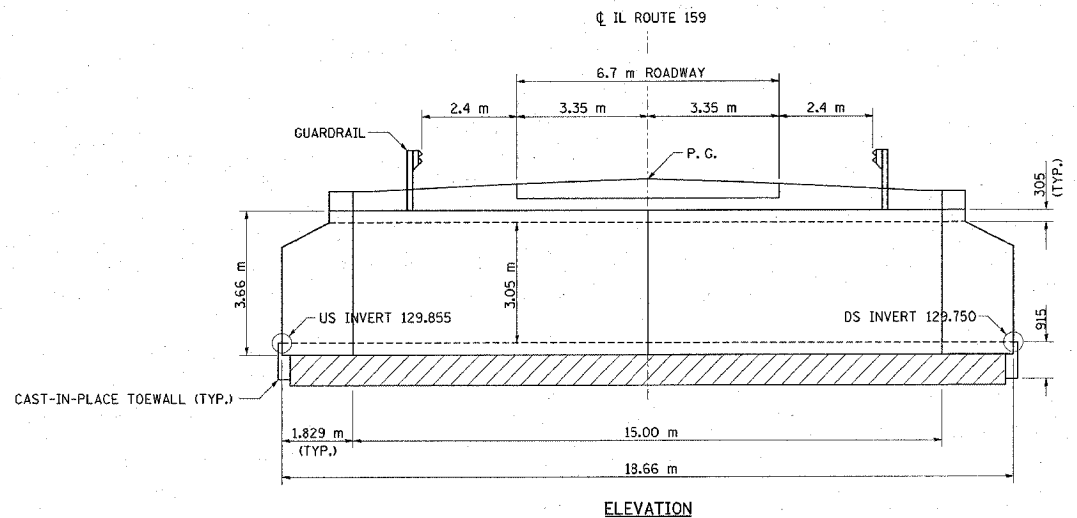
FAP ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
600	51RS-3	ST. CLAIR	347	138
STA.		TO STA.		
CONTRACT : 76563				

SHEET #1 OF 2.

EXISTING STRUCTURE: SN 082-2011, BUILT AS SA ROUTE 7 SECTION 51-150; ST. CLAIR COUNTY IN 1928 AND REHABILITATED UNDER FAP ROUTE 600; SECTION 51B-1; ST. CLAIR IN 1991. THE EXISTING STRUCTURE IS A DOUBLE 3.20 m X 3.05 m REINFORCED CONCRETE BOX CULVERT WITH REINFORCED CONCRETE HEADWALL PARALLEL TO THE EXISTING ROADWAY. THE EXISTING STRUCTURE IS TO BE REMOVED AND REPLACED WITH A PRECAST DOUBLE BARREL 3.66 m X 3.05 m BOX CULVERT WITH PRECAST END SECTIONS, UTILIZING STAGE CONSTRUCTION.

STATION 24+287.410
BUILT 20 BY
STATE OF ILLINOIS
FAP RT. 600 SEC.
FA PROJECT
LOADING HS20
STR. NO. 082-2041

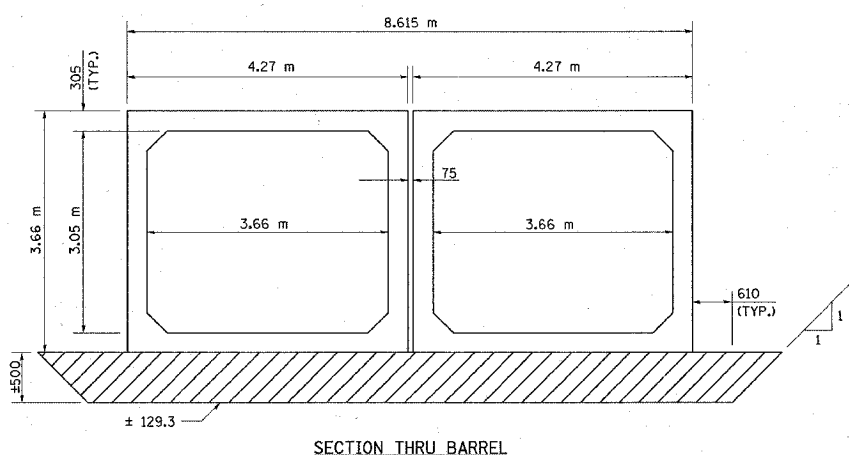
NAME PLATE
SEE STD. 515001



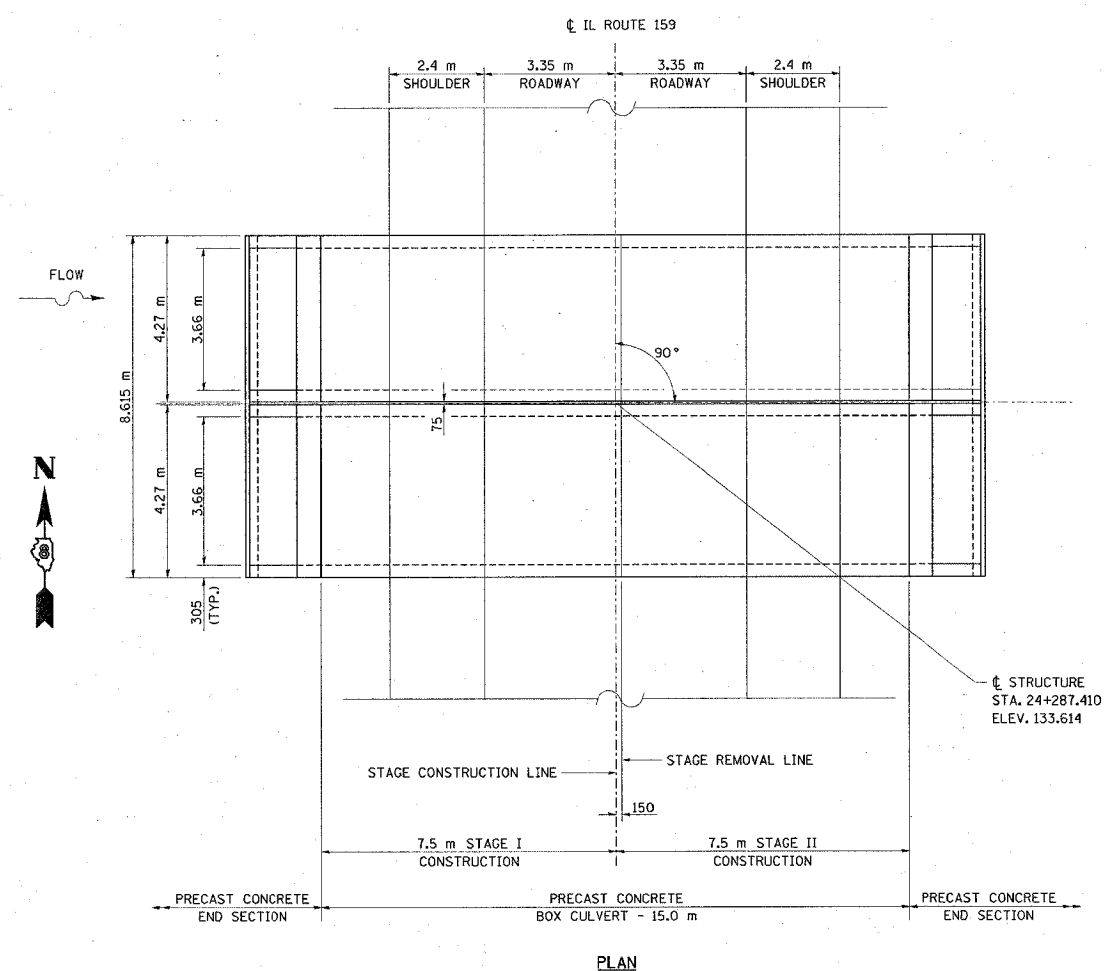
GENERAL NOTES

1. THE PRIMARY VERTICAL REINFORCEMENT IN THE ABUTMENT WALLS IS IN THE FACE NEAREST TO THE STREAM. THE CONTRACTOR SHALL BRACE THE ABUTMENT WALLS OR EXCAVATE BEHIND THE ABUTMENTS PRIOR TO REMOVAL OF THE SUPERSTRUCTURE.
2. THIS BOX CULVERT HAS A FILL HEIGHT OF 0.5 m. THE PRECAST BOX CULVERT SHALL BE DESIGNED IN ACCORDANCE WITH AASHTO M 273 m EXCEPT THAT THE AGGREGATE SHALL CONFORM TO THE REQUIREMENTS OF ARTICLE 1003.02 AND 1004.02 OF THE STANDARD SPECIFICATIONS WITH THE EXCEPTION OF GRADATION.
3. THE EXISTING STRUCTURE SHALL BE REMOVED IN ITS ENTIRETY.
4. THE CAST-IN-PLACE TOEWALL WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE COST FOR "BOX CULVERT END SECTIONS". APPROXIMATELY 3.7 m³ OF CONCRETE WILL BE NEEDED.
5. THE EXISTING STRUCTURE NEEDS A TEMPORARY SUPPORT SYSTEM TO SUPPORT THE EXISTING CONCRETE SLAB, PRIOR TO THE SLAB BEING SAWCUT FOR STAGE 1 TRAFFIC. THE CONTRACTOR SHALL SUBMIT FULL DESIGN SUBMITTALS SEALED BY A LICENSED STRUCTURAL ENGINEER TO THE DEPARTMENT FOR REVIEW AND APPROVAL. ALL WORK REQUIRED SHALL BE PAID FOR AS "TEMPORARY SUPPORT SYSTEM".
6. FOR QUANTITY OF "STONE RIPRAP, CLASS A5" AND "FILTER FABRIC FOR USE WITH RIPRAP" SEE ROADWAY PLANS.

PLAN	DATE
BY	
REVISIONS	
NO.	
DATE	
BY	
REVISIONS	
NO.	
DATE	
BY	



REMOVE UNSUITABLE SOIL BELOW BOTTOM OF CULVERT TO TOP OF ROCK (APPROX. EL. 129.3) AND 610 OUTSIDE THE FOOTPRINT OF THE BOX. COST SHALL BE PAID FOR AS "REMOVAL & DISPOSAL OF UNSUITABLE MATERIAL." REPLACE WITH CA-7 OR CA-11 "POROUS GRANULAR MATERIAL."



BILL OF MATERIAL - SN 082-2041

ITEM	UNIT	TOTAL
REMOVAL OF EXISTING STRUCTURES	EACH	1
NAME PLATES	EACH	1
BOX CULVERT END SECTION, CULVERT NO. 6	EACH	4
REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU M	96.4
POROUS GRANULAR EMBANKMENT	CU M	96.4
TEMPORARY SOIL RETENTION SYSTEM	SQ M	27.2
PRECAST CONCRETE BOX CULVERT		
3.6 m x 3.0 m	M	30
TEMPORARY SUPPORT SYSTEM	L.SUM	1

LOADING MS18
ALLOW 2.4 kN/m² FOR FUTURE WEARING SURFACE
DESIGN SPECIFICATIONS
2002 AASHTO
DESIGN STRESSES
PRECAST UNIT
f'c = 35 MPa
fy = 448 MPa (WELDED WIRE FABRIC)

WATERWAY INFORMATION

DRAINAGE AREA = 2.167 km² LOW GRADE ELEV. 133.50/133.56 STA: ± 24+284

FLOOD	FREQ. YR.	Q m ³ /s	OPENING - m ²		NAT. H.W.E.		HEAD - m		HEADWATER ELEV.	
			EXIST.	PROP.	EXIST.	PROP.	EXIST.	PROP.	EXIST.	PROP.
EROSION	10	17.0	13.50	15.45	132.21	0.00	0.00	132.21	132.21	
DESIGN	50	27.3	14.98	17.13	132.44	0.20	0.19	132.64	132.63	
BASE	100	31.8	15.55	17.79	132.53	0.32	0.30	132.85	132.83	
OVERTOPPING	NA	NA	NA	NA	NA	NA	NA	NA	NA	
MAX. CALC.	500	42.8	16.64	19.03	132.70	0.79	0.76	133.49	133.46	

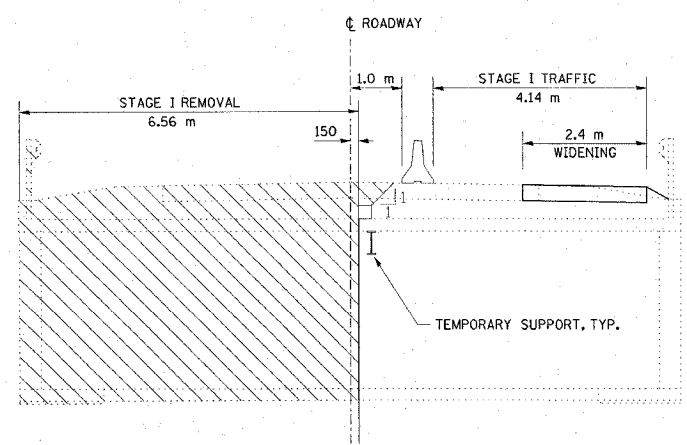
ALL DIMENSIONS ARE IN mm UNLESS DESIGNATED OTHERWISE

REVISIONS	
NAME	DATE

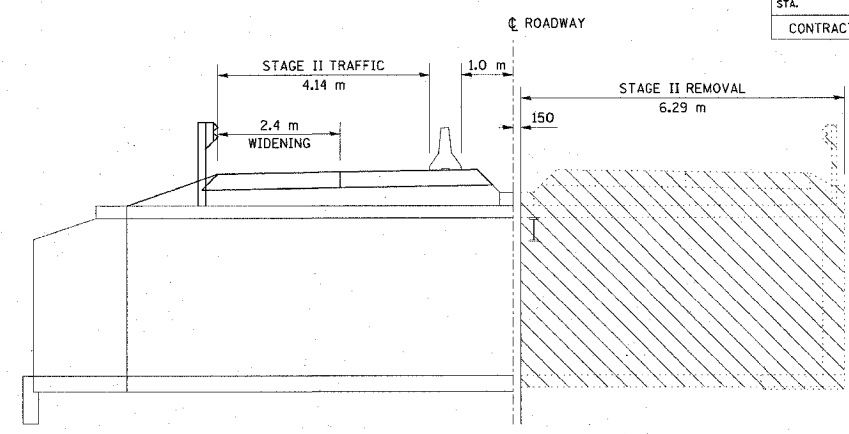
ILLINOIS DEPARTMENT OF TRANSPORTATION
PLAN VIEW
SN 082-2041
STA 24+287.521
FAP ROUTE 600
SECTION 51RS-3
ST. CLAIR COUNTY
DRAWN BY:

FAP ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
600	5IRS-3	ST. CLAIR	347	139
STA.		TO STA.		
CONTRACT : 76563				

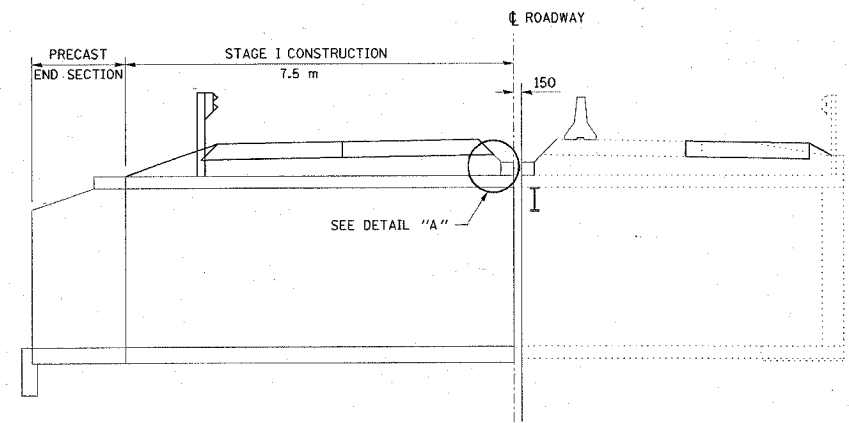
SHEET #2 OF 2.



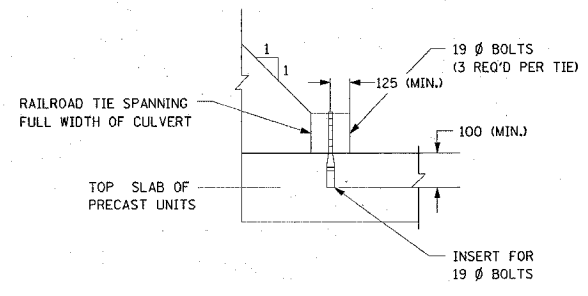
STAGE I REMOVAL & TRAFFIC



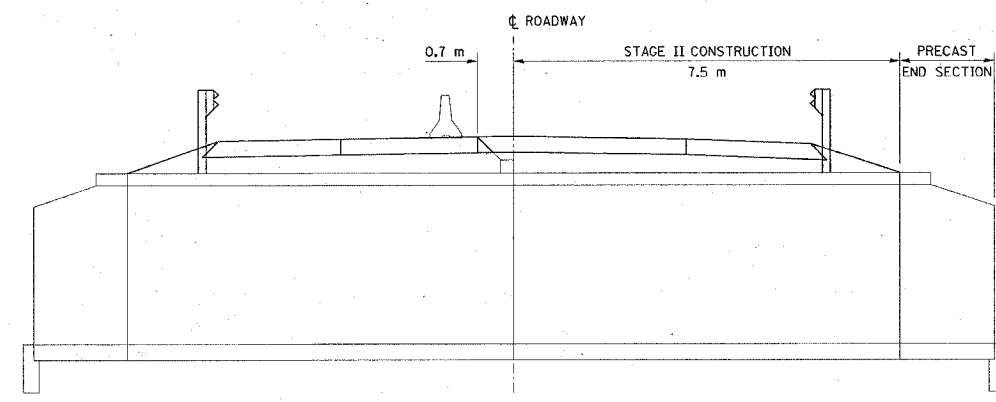
STAGE II REMOVAL & TRAFFIC



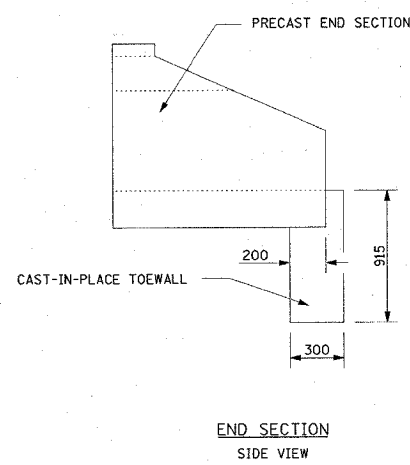
STAGE I CONSTRUCTION & TRAFFIC



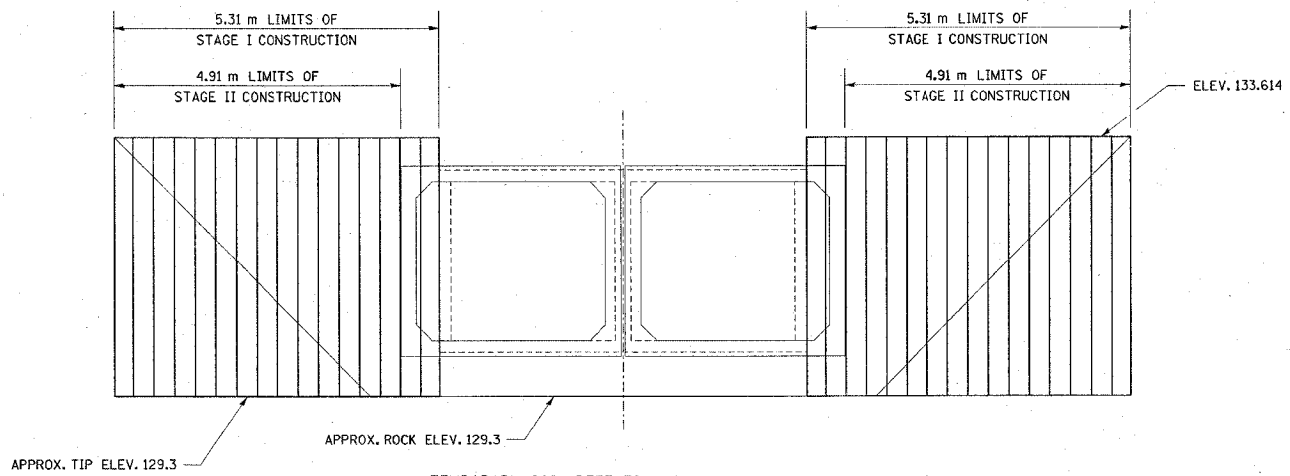
DETAIL "A"
COST INCLUDED WITH
"PRECAST CONCRETE BOX CULVERTS"



STAGE II CONSTRUCTION & TRAFFIC



END SECTION
SIDE VIEW



TEMPORARY SOIL RETENTION SYSTEM DETAILS
DIMENSIONS ARE MEASURED PARALLEL TO ROADWAY

NOTE:
IT APPEARS THAT A CANTILEVERED DESIGN IS NOT FEASIBLE AND A WALE RESTRAINT OR OTHER SYSTEM WILL BE REQUIRED. THE CONTRACTOR SHALL SUBMIT FULL DESIGN COMPUTATIONS BY A LICENSED STRUCTURAL ENGINEER FOR REVIEW AND APPROVAL. THE COST SHALL BE INCLUDED WITH "TEMPORARY SOIL RETENTION SYSTEM"

NOTES:
HATCHED AREAS INDICATE "REMOVAL OF EXISTING STRUCTURES".
FOR DETAILS OF TEMPORARY CONCRETE BARRIER, SEE SHEET #140 OF 347.
ALL DIMENSIONS ARE AT RT. ANGLE'S TO ROADWAY UNLESS NOTED OTHERWISE.
ALL CROSS SECTIONS ARE LOOKING NORTH.
FOR EXISTING PLAN, SEE SHEET #137 OF 347.

ALL DIMENSIONS ARE IN mm UNLESS DESIGNATED OTHERWISE

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
STAGE CONSTRUCTION DETAILS
SN 082-2041
STA 24+287.521
FAP ROUTE 600
SECTION 5IRS-3
ST. CLAIR COUNTY

DRAWN BY:

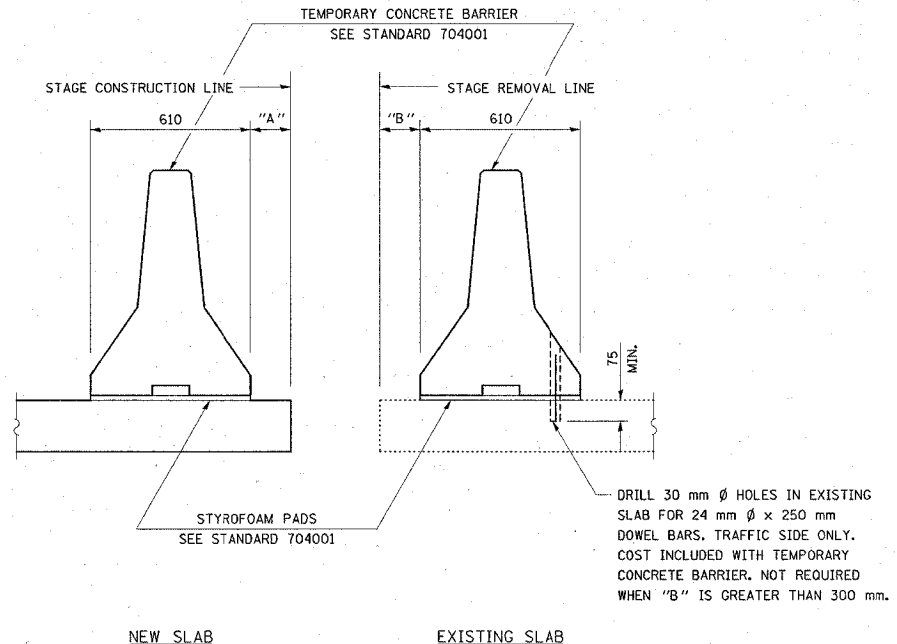
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FAP ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
600	51RS-3	ST. CLAIR	347	140
STA.		TO STA.		
CONTRACT : 76563				

WHEN "A" IS 150 mm OR LESS, THE TEMPORARY CONCRETE BARRIER SHALL BE ANCHORED TO NEW SLAB ACCORDING TO DETAIL I OR DETAIL II. NO ANCHORAGE REQUIRED WHEN "A" IS GREATER THAN 150 mm.

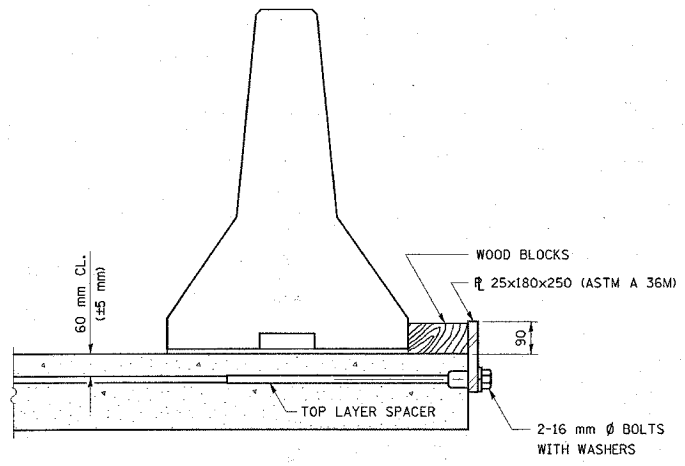


SECTIONS THRU SLAB

NOTES:

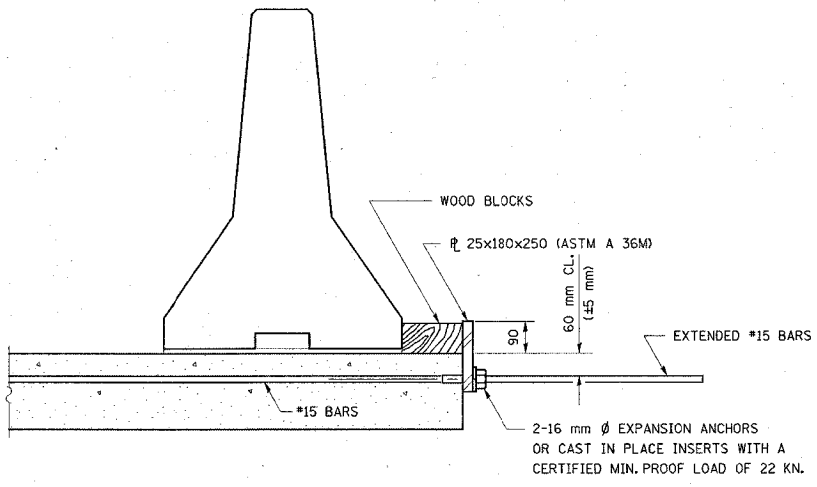
- DETAIL I - WITH BAR SPLICER OR COUPLERS:
CONNECT ONE (1) 25x180x250 STEEL Φ TO THE TOP LAYER OF COUPLERS WITH 2-16 mm Φ BOLTS SCREWED TO COUPLER AT APPROXIMATE Φ OF EACH 3 m BARRIER PANEL.
- DETAIL II - WITH EXTENDED REINFORCEMENT BARS:
CONNECT ONE (1) 25x180x250 STEEL Φ TO THE CONCRETE SLAB WITH 2-16 mm Φ EXPANSION ANCHORS OR CAST IN PLACE INSERTS SPACED BETWEEN THE TOP LAYER OF REINFORCEMENT AT APPROXIMATE Φ OF EACH 3 m BARRIER PANEL.
- COST OF ANCHORAGE INCLUDED WITH TEMPORARY CONCRETE BARRIER.
ALL DIMENSIONS ARE IN MILLIMETERS (mm) EXCEPT AS NOTED.

PLAN	SURVEYED	DATE
NOTE BOOK	PLotted & CHECKED	
	INT. OF WAY CHECKED	
	FIELD FILE NAME	



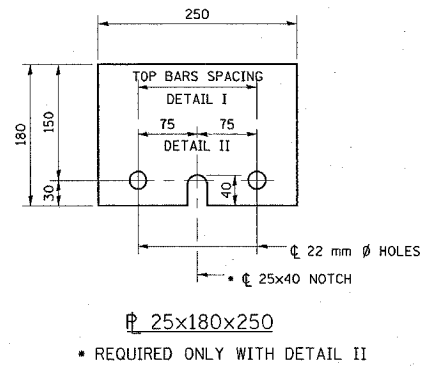
DETAIL I

THE 25x180x250 PLATE SHALL NOT BE REMOVED UNTIL STAGE II CONSTRUCTION FORMS AND REINFORCEMENT BARS ARE IN PLACE.



DETAIL II

THE 25x180x250 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.



R-27 (M) 4-30-99

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REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
**TEMPORARY CONCRETE BARRIER
FOR STAGE CONSTRUCTION**

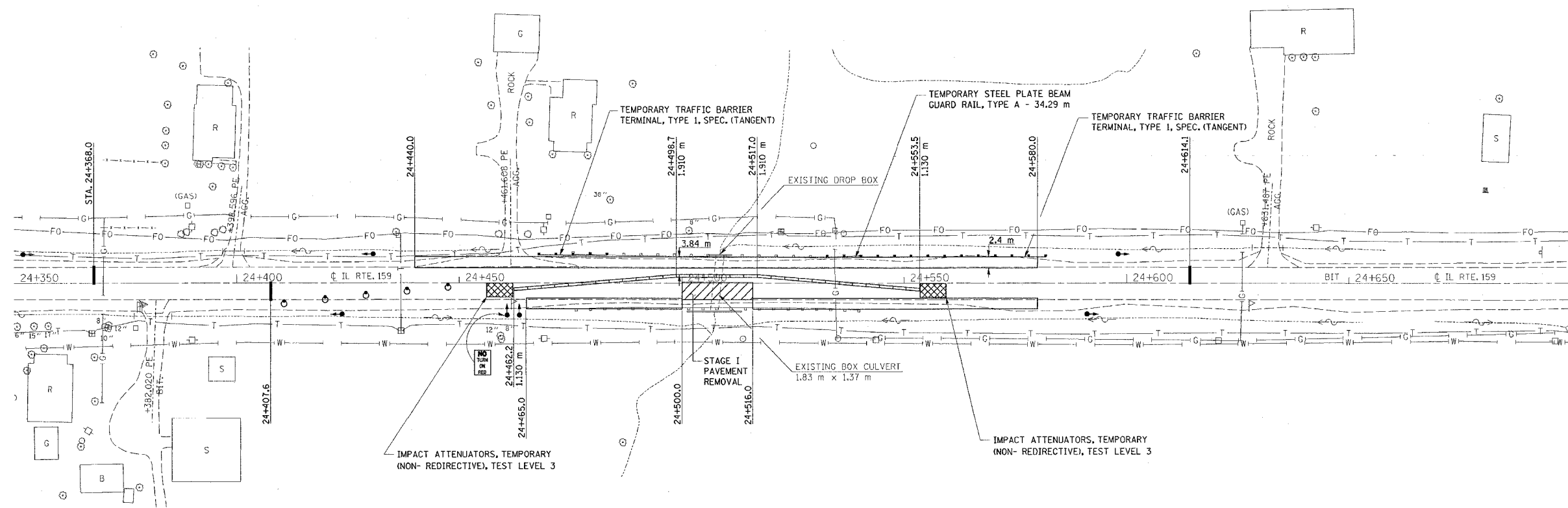
FAP ROUTE 600
SECTION 51RS-3
ST. CLAIR COUNTY

DRAWN BY:

PLOT DATE: Tuesday March 29, 2005 @ 3:09:50 PM

FAP ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
600	51RS-3	ST. CLAIR	347	141
STA.		TO STA.		
CONTRACT : 76563				

LEGEND	
	TEMPORARY TRAFFIC SIGNAL
	DRUM WITH STEADY BURNING LIGHT
	IMPACT ATTENUATOR
	TEMPORARY CONCRETE BARRIER

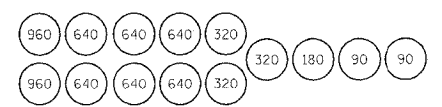


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	DATE	

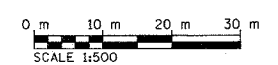
- GENERAL NOTES**
- THIS WORK SHALL SUPPLEMENT AND BE IN ACCORDANCE WITH TRAFFIC CONTROL STANDARD 701321.
 - THE COST OF DRUMS, BARRICADES, REFLECTORS, VERTICAL PANELS AND SIGNING WILL NOT BE PAID FOR SEPARATELY, AND SHALL BE INCLUDED IN THE COST OF TRAFFIC CONTROL AND PROTECTION, STANDARD 701321 (SPECIAL).
 - ACCESS TO ENTRANCES SHALL BE MAINTAINED AT ALL TIMES.
 - THE CONTRACTOR SHALL SAW CUT THE EDGE OF PAVEMENT PRIOR TO PLACING THE BITUMINOUS BASE COURSE FOR STAGE TRAFFIC.
 - THE WIDENING SHALL BE PLACED AS A PRE-STAGE TO STAGE I CONSTRUCTION. WIDENING FROM 24+650 RT. TO STA 24+580 RT. FOR STAGE II TRAFFIC SHALL BE PLACED PRIOR TO STAGE II CONSTRUCTION. THE COST SHALL BE PAID FOR AS "BITUMINOUS BASE COURSE, SUPERPAVE, 230 mm".
 - THE EXISTING GUARDRAIL TERMINAL IN THE NW AND SW QUADRANTS SHALL BE REMOVED AND REPLACED WITH "TEMPORARY STEEL PLATE BEAM GUARD RAIL, TYPE A" AND "TEMPORARY TRAFFIC BARRIER TERMINALS, TYPE 1, SPECIAL (TANGENT)". THIS WORK SHALL BE PERFORMED AS A PRE-STAGE TO STAGE I CONSTRUCTION. SEE CALL-OUTS FOR EXACT LENGTH AND LOCATION.
 - THE BOTTOM 150 mm OF THE TEMPORARY CONCRETE BARRIER SHALL BE PAINTED WITH TEMPORARY PAVEMENT MARKING "WHITE". THE COST SHALL BE PAID FOR AS "TEMPORARY PAVEMENT MARKING - LINE 150 mm".

TRAFFIC CONTROL QUANTITIES

ITEM	UNIT	TOTAL
TRAFFIC CONTROL AND PROTECTION, STD 701321 (SPECIAL)	EACH	1
TRAFFIC CONTROL SURVEILLANCE	CAL DA	7
TEMP. BRIDGE TRAFFIC SIGNALS (STATE FURN. CONTROLLER)	EACH	1
PAVEMENT REMOVAL	SQ M	151
TEMPORARY PAVEMENT MARKING - LINE 150 mm	M	182.9
WORK ZONE PAVEMENT MARKING REMOVAL	SQ M	42.0
RELOCATE TEMPORARY CONCRETE BARRIER (STATE OWNED)	M	79.3
TEMPORARY CONCRETE BARRIER (STATE OWNED)	M	91.5
TEMPORARY STEEL PLATE BEAM GUARDRAIL, TYPE A	M	34.29
PAVEMENT MARKING REMOVAL	SQ M	31.2
BITUMINOUS BASE COURSE, SUPERPAVE 230 mm	SQ M	763
TEMPORARY TBT, TYPE 1, SPECIAL (TANGENT)	EACH	2
IMPACT ATTENUATORS, RELOCATE (NON-REDIRECTIVE), TEST LEVEL 3	EACH	2
IMPACT ATTENUATORS, TEMPORARY (NON-REDIRECTIVE), TEST LEVEL 3	EACH	2



SAND MODULE IMPACT ATTENUATOR LAYOUT (IF OPTION USED)



SCALE 1:500

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
STAGE 1 CONSTRUCTION
BOX CULVERT REPLACEMENT
STA. 24+507.868
 FAP ROUTE 600
 SECTION 51RS-3
 ST. CLAIR COUNTY
 DRAWN BY:

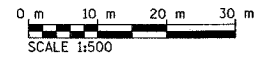
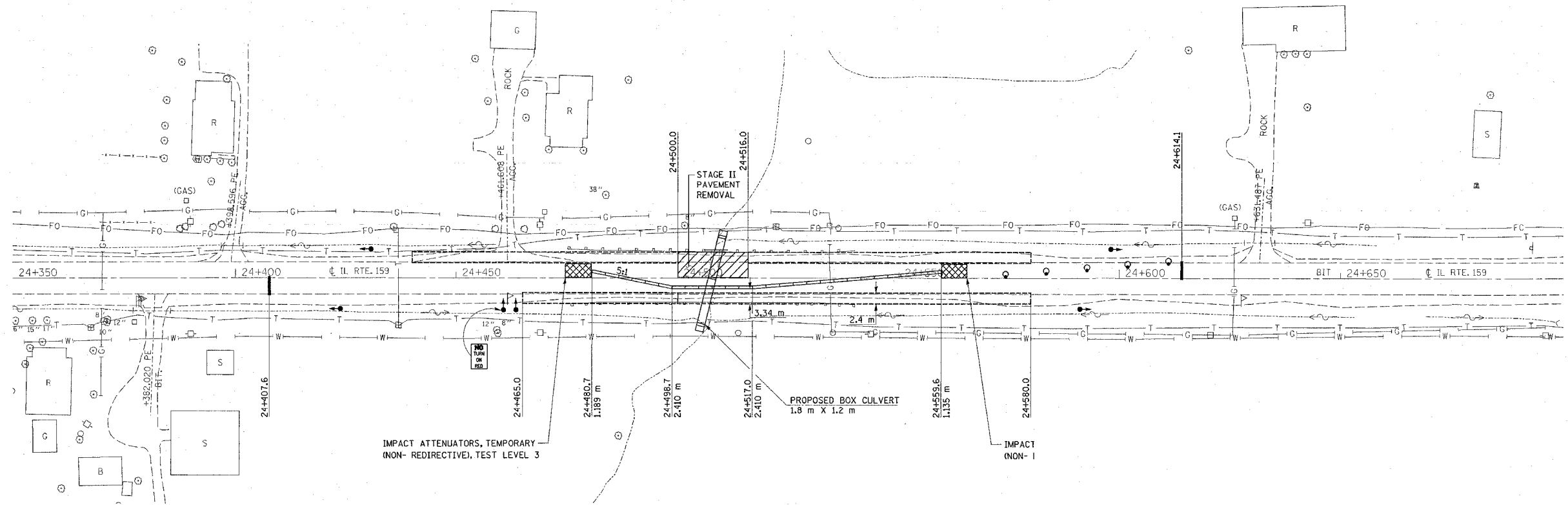
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 C:\projects\600\51rs\stage08\plan.dgn LV:24+507.868-62
 C:\projects\600\51rs\stage08\plan.dgn LV:24+507.868-63
 C:\projects\600\51rs\stage08\plan.dgn LV:24+507.868-64
 C:\projects\600\51rs\stage08\plan.dgn LV:24+507.868-65

FAP ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
600	51RS-3	ST. CLAIR	347	142
STA.		TO STA.		
CONTRACT : 76563				

LEGEND	
	TEMPORARY TRAFFIC SIGNAL
	DRUM WITH STEADY BURNING LIGHT
	IMPACT ATTENUATOR
	TEMPORARY CONCRETE BARRIER



PLAN	SERIALIZED	DATE
NOTE BOOK	NOTED	
FILE	FILED	
	BY	
	DATE	



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
**STAGE II CONSTRUCTION
FOR BOX CULVERT REPLACEMENT
STA. 24+507.868**
FAP ROUTE 600
SECTION 51RS-3
ST. CLAIR COUNTY

DRAWN BY:

PLOT DATE: Tuesday March 29, 2005 @ 3:10:23 PM

3/29/2005
C:\projects\600\51RS-3\142.dgn LV:1-21-23-34-36-45
C:\projects\600\51RS-3\142.dgn LV:2-21-23-34-36-45
C:\projects\600\51RS-3\142.dgn LV:3-21-23-34-36-45

FAP ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
600	51RS-3	ST. CLAIR	347	144
STA.		TO STA.		
CONTRACT # 1663		BILLING	FED. AID PROJECT	

Illinois Department of Transportation
Division of Highways
Illinois Department of Transportation

SOIL BORING LOG

Page 1 of 1
Date 9/12/01

ROUTE FAP 600 DESCRIPTION Box Culvert South of Club Congress Rd. LOGGED BY Larry Ford

SECTION 51RS-3 LOCATION SW 14, SEC. 28, TWP. 2S, RNG. 8W, 3 PM

COUNTY St. Clair DRILLING METHOD Hollow Stem Auger HAMMER TYPE 140# Automatic

STRUCT. NO. _____
Station _____

BORING NO. 2
Station 24+286
Offset 9.00m LT CL
Ground Surface Elev. 130.87 m

D	B	U	M	Surface Water Elev.	m
E	L	C	O	Stream Bed Elev.	m
P	O	S	I	Groundwater Elev.:	
T	W	S	S	First Encounter	129.1 m
H	S	Qu	T	Upon Completion	m
				After	Hrs.

Gray SANDY LOAM

1 38
3 S10

-1.5 4
2 67
3 S10

129.1
SAND Layer 128.9

14
20 508
27 S0

-3.0 30
503⁺ NC

-4.5 27
504⁺ 374
85

126.2
End of Boring

-6.0

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 1 of 1
Date 3/8/02

ROUTE FAP 600 DESCRIPTION Box Culvert South of Club Congress Rd. LOGGED BY Brent Meue

SECTION 51RS-3 LOCATION SW 14, SEC. 28, TWP. 2S, RNG. 8W, 3 PM

COUNTY St. Clair DRILLING METHOD Hand Auger HAMMER TYPE N/A

STRUCT. NO. _____
Station _____

BORING NO. 6
Station 24+286
Offset 9.00m RT CL
Ground Surface Elev. 130.92 m

D	B	U	M	Surface Water Elev.	m
E	L	C	O	Stream Bed Elev.	m
P	O	S	I	Groundwater Elev.:	
T	W	S	S	First Encounter	130.3 m
H	S	Qu	T	Upon Completion	m
				After	Hrs.

Brown Sandy LOAM

130.3
NC
48 16
P
48 24
P
24 28
P
24 24

129.6
Brown Silty CLAY 129.3
144 24
P

End of Hand Auger Due to Refusal on SHALE

-3.0

-4.5

-6.0

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)

3/30/2005
Wednesday March 30, 2005 @ 8:06:08 AM
c:\projects\ndi\3899\plan\borringlog.dgn LV=1-63

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
SOIL BORING LOGS
FAP ROUTE 600
SECTION 51RS-3
ST. CLAIR & MONROE COUNTIES

FAP ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
600	51RS-3	ST. CLAIR	347	145
STA.		TD STA.		
CONTRACT # 7683		ILLINOIS	FED. AID PROJECT	

Illinois Department of Transportation
Division of Highways
Illinois Department of Transportation

SOIL BORING LOG

Page 1 of 1
Date 9/19/01

ROUTE FAP 600 DESCRIPTION IL 159 over Box Culvert South of Brick School Rd. LOGGED BY Larry Ford

SECTION 51RS-3 LOCATION SW 14, SEC. 21, TWP. 2S, RNG. 8W, 3 PM

COUNTY St. Clair DRILLING METHOD Hollow Stem Auger HAMMER TYPE 140# Automatic

STRUCT. NO. _____
Station _____

BORING NO. 4 W. Side
Station 25+879.5
Offset 3.59m LT CL
Ground Surface Elev. 138.40 m

DEPTH (m)	DEPTH (ft)	SOIL DESCRIPTION	UNCONF. COMP. STRENGTH (kPa)	UNCONF. COMP. STRENGTH (psi)	PERCENT MOISTURE (%)	PERCENT SOLIDS (%)	PERCENT LIQUID (%)	PERCENT PLASTIC (%)	PERCENT ORGANICS (%)
0	0	Surface Water Elev. _____ m							
0	0	Stream Bed Elev. _____ m							
0	0	Groundwater Elev.: _____ m							
0	0	First Encounter _____ m							
0	0	Upon Completion _____ m							
0	0	After _____ Hrs.							
1.8	5.9	Gray CLAY LOAM with large GRAVEL (continued)	144	21					
2.2	7.2	Gray SANDY SILTSTONE	NC	15					
4.4	14.4	Brown SILT LOAM (Back Fill)							
4.8	15.7	Hard Formation LIMESTONE	NC	10					
5.2	17.1	End of Boring							
5.6	18.4	Brown SILTY CLAY LOAM with some Organics							
6.0	19.7	Gray SILTY CLAY							
6.4	21.0	Brown and Gray LOAM							
6.8	22.3	Gray SILTY CLAY							
7.2	23.6	Gray CLAY LOAM with large GRAVEL							

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 1 of 1
Date 9/20/01

ROUTE FAP 600 DESCRIPTION Box Culvert North of Club Congress Rd. LOGGED BY Larry Ford

SECTION 51RS-3 LOCATION NW 14, SEC. 28, TWP. 2S, RNG. 8W, 3 PM

COUNTY St. Clair DRILLING METHOD Hollow Stem Auger HAMMER TYPE 140# Automatic

STRUCT. NO. _____
Station _____

BORING NO. 1
Station 24+514
Offset 8.50m LT CL
Ground Surface Elev. 133.97 m

DEPTH (m)	DEPTH (ft)	SOIL DESCRIPTION	UNCONF. COMP. STRENGTH (kPa)	UNCONF. COMP. STRENGTH (psi)	PERCENT MOISTURE (%)	PERCENT SOLIDS (%)	PERCENT LIQUID (%)	PERCENT PLASTIC (%)	PERCENT ORGANICS (%)
0	0	Surface Water Elev. _____ m							
0	0	Stream Bed Elev. _____ m							
0	0	Groundwater Elev.: _____ m							
0	0	First Encounter _____ m							
0	0	Upon Completion _____ m							
0	0	After _____ Hrs.							
0.1	0.3	Gray SILTY CLAY LOAM							
0.2	0.6	Gray SILTY CLAY							
0.3	0.9	Gray and Brown CLAY LOAM							
0.4	1.2	Brown SILTSTONE							
0.5	1.5	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)

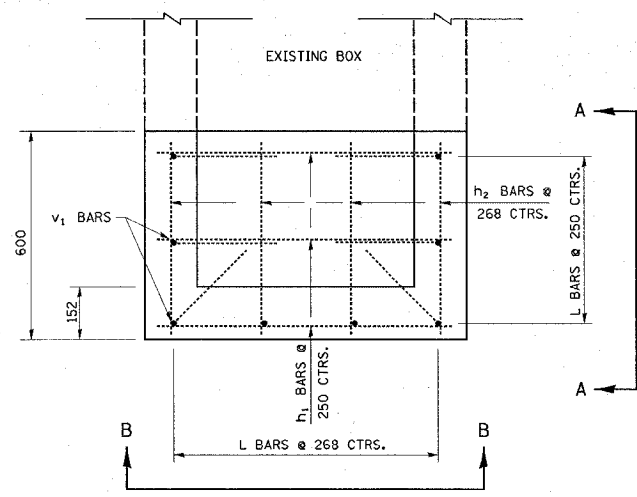
3/30/2005
Wednesday March 30, 2005 @ 8:06:08 AM
c:\projects\ndi3899\plan\borringlog.dgn LV1-63

REVISIONS	
NAME	DATE

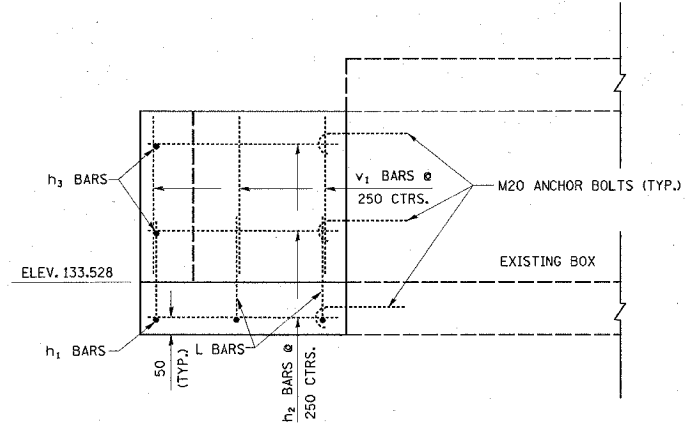
ILLINOIS DEPARTMENT OF TRANSPORTATION
SOIL BORING LOGS
FAP ROUTE 600
SECTION 51RS-3
ST. CLAIR & MONROE COUNTIES

FAP ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
600	5IRS-3	*	347	148
STA.		TO STA.		
CONTRACT : 76563				
* ST. CLAIR & MONROE COUNTIES				

PLAN	DATE
SURVEYED	BY
ALIGNED	
NOTED	
NO.	



PLAN VIEW SHOWING BOTTOM REINFORCEMENT



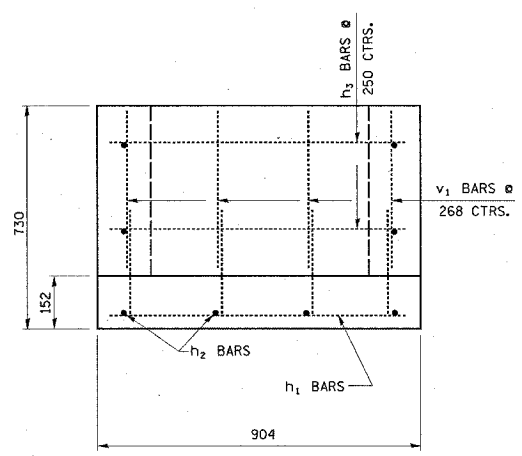
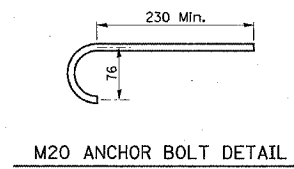
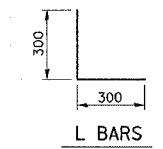
SECTION A-A

BILL OF MATERIAL

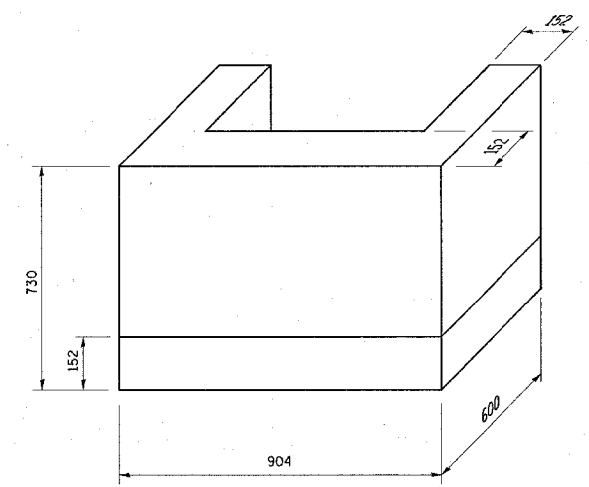
DROP BOX AT LT. 27+428.506

BAR	QUANTITY	SIZE	LENGTH
L	8	NO 15 (NO. 4)	0.60
V1	8	NO 15 (NO. 4)	0.630
H1	3	NO 15 (NO. 4)	0.804
H2	8	NO 15 (NO. 4)	0.50
H3	2	NO 15 (NO. 4)	0.804

CLASS SI CONCRETE 0.24 CU. M.
 REINFORCEMENT BARS 28.05 KG.
 M20 ANCHOR BOLTS 8 EACH
 NOTE: REINFORCEMENT BAR CLEARANCE SHALL BE 50 (2").



SECTION B-B



ISOMETRIC VIEW

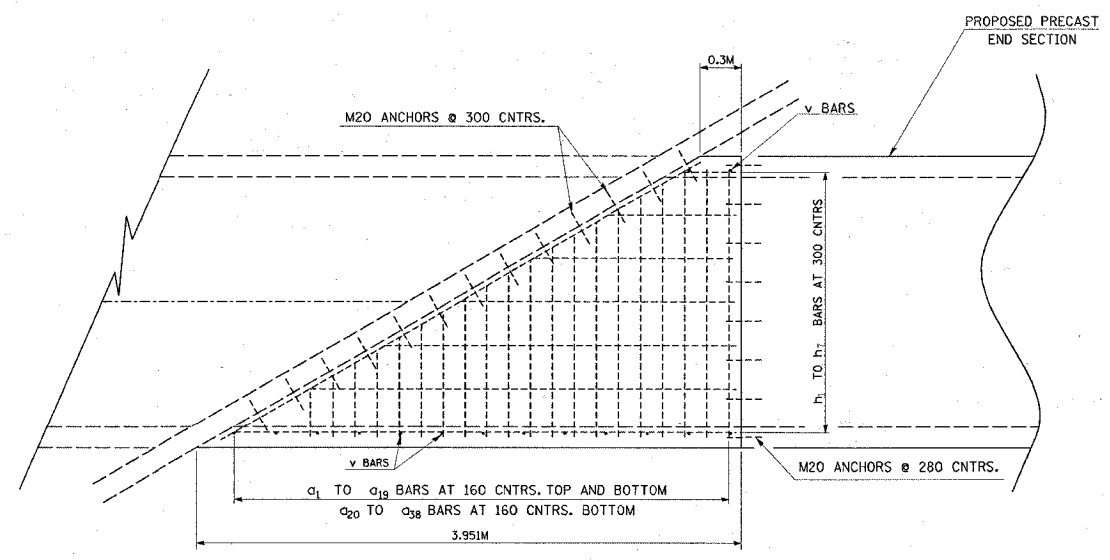
ALL DIMENSIONS ARE IN mm UNLESS DESIGNATED OTHERWISE

REVISIONS	
NAME	DATE

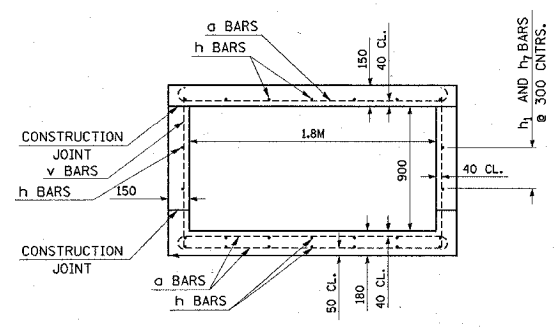
ILLINOIS DEPARTMENT OF TRANSPORTATION
DROP BOX DETAIL
STA. 27+428.506 LT.
 FAP ROUTE 600
 SECTION 5IRS-3
 ST. CLAIR & MONROE COUNTIES
 DRAWN BY:

FAP ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
600	51RS-3		347	146A
STA.		TO STA.		
CONTRACT : 76563				
* ST. CLAIR & MONROE COUNTIES				

PLAN	SERIALIZED	DATE
NOTE BOOK	PLOTTED	
NO.	BY	
	DATE	
	BY	
	DATE	
	BY	
	DATE	
	BY	
	DATE	



STA. 23+929.400 EXTENSION DETAILS (LT. & RT.)
SKEWED 60°02'36" RT. AH.

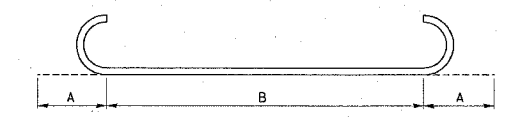


SECTION THRU BARREL

BILL OF MATERIALS

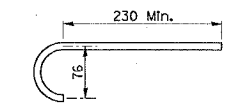
BAR	QUANTITY	SIZE	LENGTH
a1	4	15	4.37
a2	12	15	2.31
a3	4	15	2.18
a4	4	15	8.09
a5	4	15	2.00
a6	4	15	1.91
a7	4	15	1.82
a8	4	15	1.72
a9	4	15	1.63
a10	4	15	1.54
a11	4	15	1.45
a12	4	15	1.35
a13	4	15	1.26
a14	4	15	1.17
a15	4	15	1.07
a16	4	15	0.99
a17	4	15	0.89
a18	4	15	0.80
a19	4	15	0.71
a20	2	15	4.01
a21	3	15	1.95
a22	2	15	1.82
a23	2	15	7.73
a24	2	15	1.64
a25	2	15	1.55
a26	2	15	1.46
a27	2	15	1.36
a28	2	15	1.27
a29	2	15	1.18
a30	2	15	1.09
a31	2	15	0.99
a32	2	15	0.90
a33	2	15	0.81
a34	2	15	0.71
a35	2	15	0.63
a36	2	15	0.53
a37	2	15	0.44
a38	2	15	0.35
h1	10	15	3.64
h2	6	15	3.1
h3	6	15	2.55
h4	6	15	2.01
h5	6	15	1.47
h6	6	15	0.92
h7	10	15	0.38
v	30	15	1.08

CLASS SI CONCRETE 3.76 CU METERS
REINFORCEMENT BARS 571 KG.
M20 ANCHOR BOLTS 92 EACH



a BAR DETAIL

BAR	A	B
	M	MM
a1	4.01	0.18
a2	1.95	0.18
a3	1.82	0.18
a4	7.73	0.18
a5	1.64	0.18
a6	1.55	0.18
a7	1.46	0.18
a8	1.36	0.18
a9	1.27	0.18
a10	1.18	0.18
a11	1.09	0.18
a12	0.99	0.18
a13	0.90	0.18
a14	0.81	0.18
a15	0.71	0.18
a16	0.63	0.18
a17	0.53	0.18
a18	0.44	0.18
a19	0.35	0.18



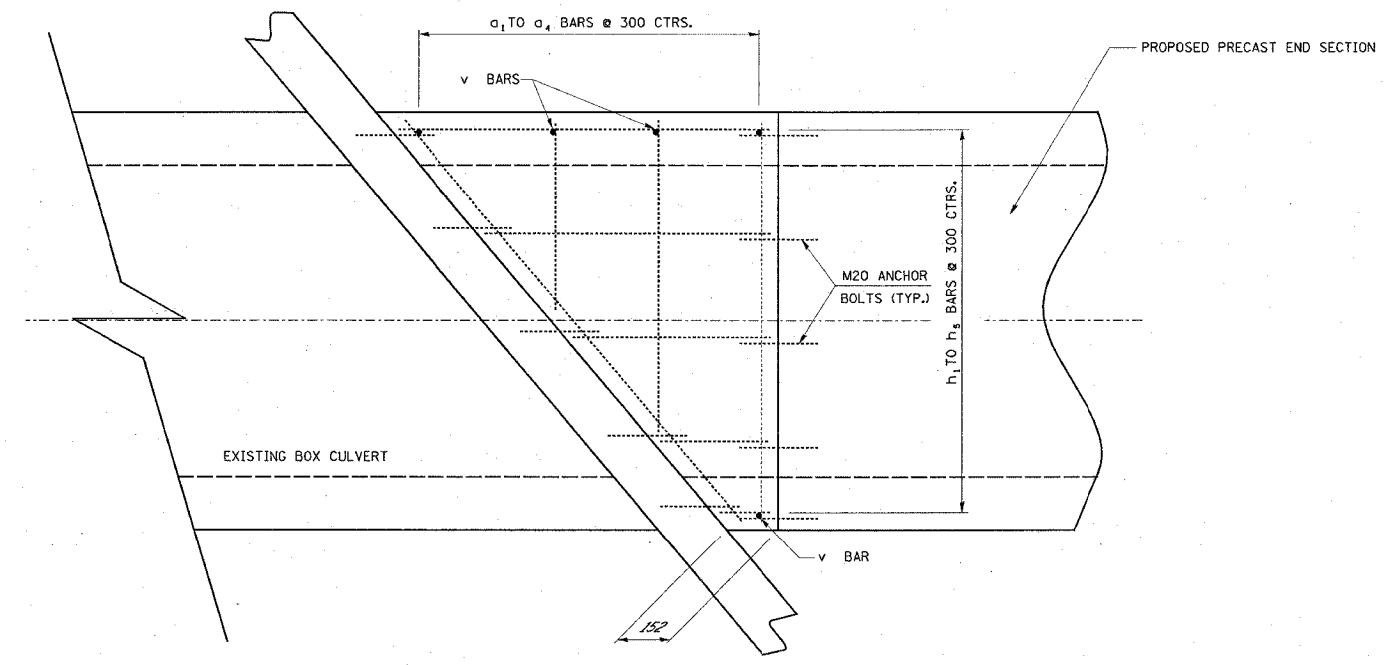
M20 ANCHOR BOLT DETAIL

ALL DIMENSIONS ARE IN mm UNLESS DESIGNATED OTHERWISE

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
BOX CULVERT EXTENSION DETAILS
STA. 23+929.400
FAP ROUTE 600
SECTION 51RS-3
ST. CLAIR & MONROE COUNTIES
DRAWN BY:

FAP ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
600	5IRS-3	*	347	148B
STA.		TO STA.		
CONTRACT : 76563				
* ST. CLAIR & MONROE COUNTIES				



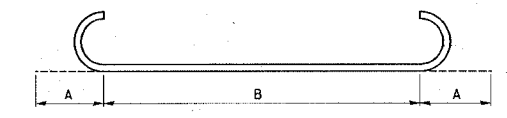
BILL OF MATERIAL

BOX CULVERT EXTENSIONS STA. 31+971.844

BAR	QUANTITY	SIZE	LENGTH
A1	4	NO 15 (NO. 4)	1.358
A2	4	NO 15 (NO. 4)	1.088
A3	4	NO 15 (NO. 4)	0.638
A4	4	NO 15 (NO. 4)	1.748
A5	2	NO 15 (NO. 4)	1.130
A6	2	NO 15 (NO. 4)	0.860
A7	2	NO 15 (NO. 4)	0.520
A8	2	NO 15 (NO. 4)	1.520
H1	10	NO 15 (NO. 4)	1.040
H2	4	NO 15 (NO. 4)	0.800
H3	4	NO 15 (NO. 4)	0.530
H4	4	NO 15 (NO. 4)	0.320
H5	10	NO 15 (NO. 4)	0.180
V	12	NO 15 (NO. 4)	0.824

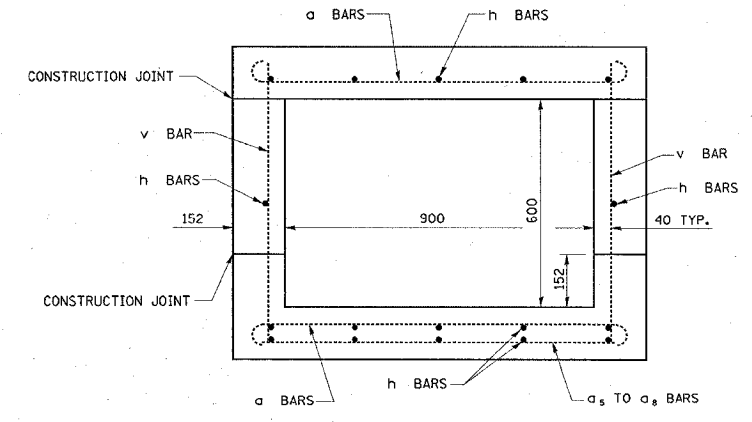
CLASS SI CONCRETE 2.13 CU. M.
 REINFORCEMENT BARS 88,039 KG.
 M20 ANCHOR BOLTS 44 EACH

STA. 31+971.844 EXTENSION DETAILS (LT. & RT.)
 SKEWED 49.6229° LT. AH.

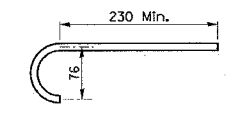


a BAR DETAIL

BAR	A	B
a ₁	114	1.13
a ₂	114	0.860
a ₃	114	0.520
a ₄	114	1.52



SECTION THRU BARREL



M20 ANCHOR BOLT DETAIL

ALL DIMENSIONS ARE IN mm
 UNLESS DESIGNATED OTHERWISE

REVISIONS	
NAME	DATE

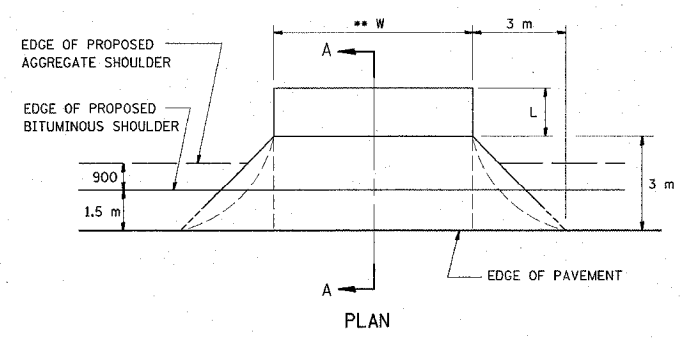
ILLINOIS DEPARTMENT OF TRANSPORTATION
BOX CULVERT EXTENSION DETAILS
STA. 31+971.844
 FAP ROUTE 600
 SECTION 5IRS-3
 ST. CLAIR & MONROE COUNTIES
 DRAWN BY:

PLAN SERVICED BY DATE
 PLOTTED BY
 NOTE BOOK NO. OF WAY CHECKED
 CADD FILE NAME

FAP ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
600	51RS-3	*	347	149
STA.		TO STA.		
CONTRACT : 76563				
* ST. CLAIR & MONROE COUNTIES				

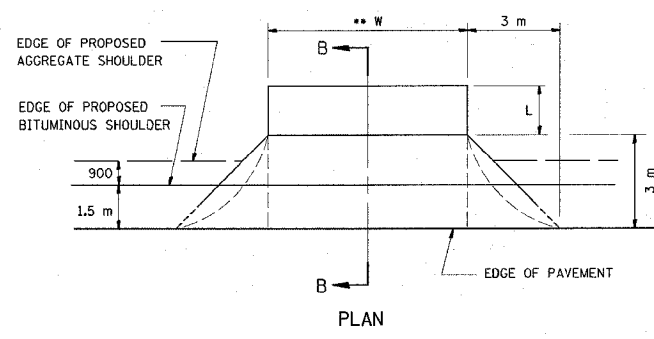
DETAIL OF BITUMINOUS ENTRANCES

W. BITUMINOUS SHOULDERS
COMMERCIAL & PRIVATE ENTRANCES



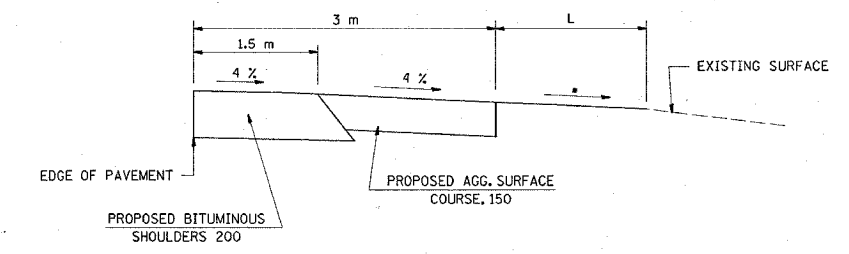
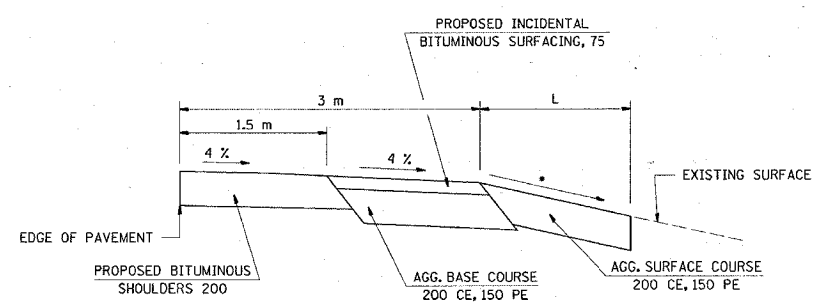
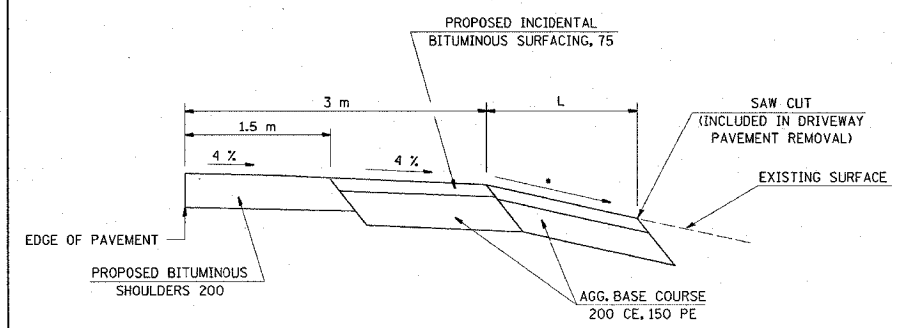
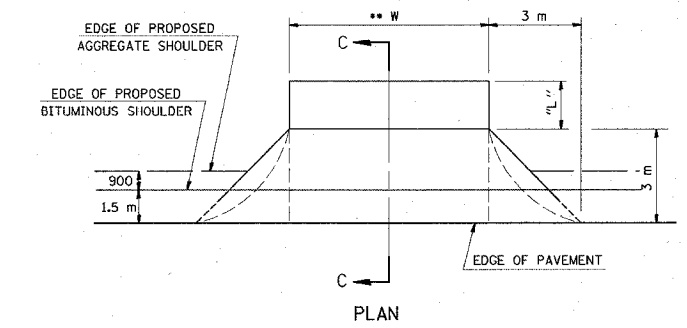
DETAIL OF AGGREGATE ENTRANCES

W. BITUMINOUS SHOULDERS
COMMERCIAL & PRIVATE ENTRANCES



DETAIL OF FIELD ENTRANCES

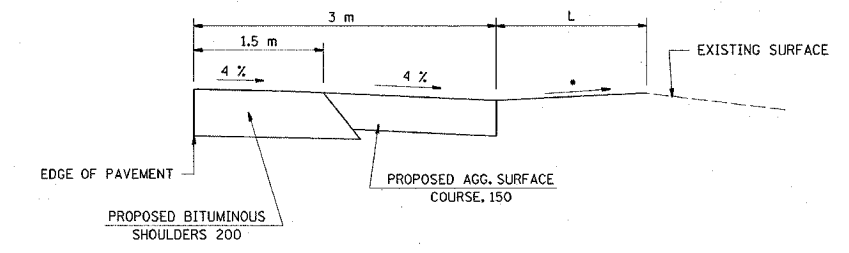
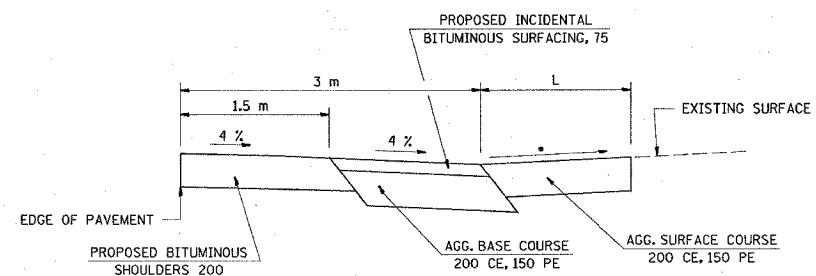
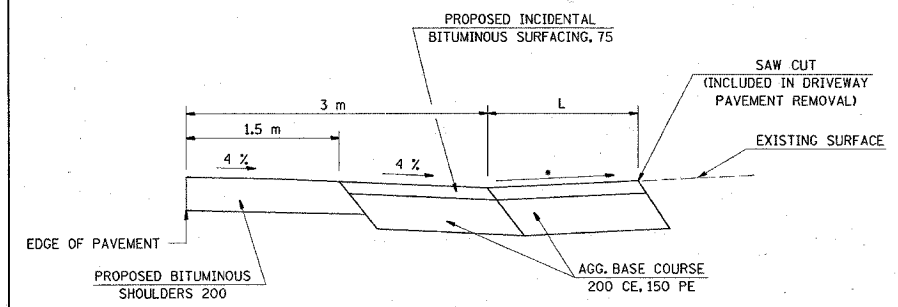
W/ BITUMINOUS SHOULDERS



SECTION A-A WITH NEGATIVE GRADE

SECTION B-B WITH NEGATIVE GRADE

SECTION C-C WITH NEGATIVE GRADE



SECTION A-A WITH POSITIVE GRADE

SECTION B-B WITH POSITIVE GRADE

SECTION C-C WITH POSITIVE GRADE

- SEE CROSS SECTIONS FOR SLOPES
- ALLOWABLE ENTRANCE WIDTHS:
FIELD 6.0 m MIN 9.1 m MAX
PRIVATE 3.6 m MIN 7.2 m MAX
COMMERCIAL 7.2 m MIN 10.7 m MAX
ALLOWABLE ENTRANCE WIDTH SHALL BE INTERPRETED TO BE THE WIDTHS AT THE END OF THE TAPERS.

ALL DIMENSIONS IN mm
OTHERWISE UNLESS NOTED

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
ENTRANCE DETAILS

FAP ROUTE 600
SECTION 51RS-3
ST. CLAIR & MONROE COUNTIES

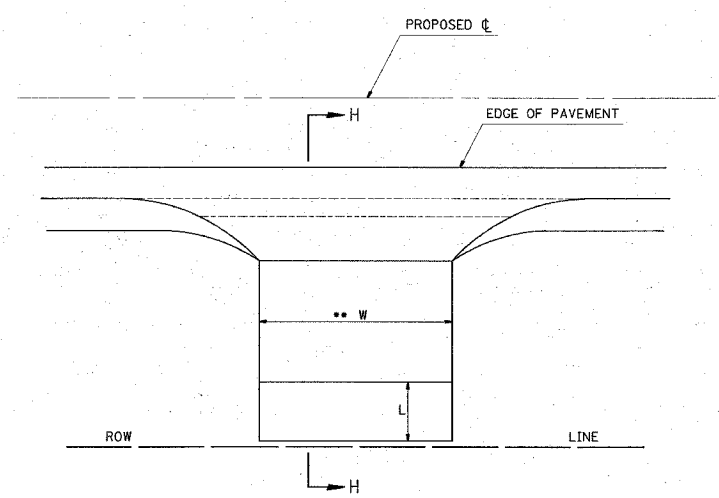
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3/29/2005 11:55:42 AM
Tuesday, March 29, 2005 @ 11:55:42 AM
c:\projects\ind389\plan\gendetail.dgn L71-03

FAP ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
600	51RS-3	*	347	150
STA.	TO STA.			
CONTRACT : 76563				
* ST. CLAIR & MONROE COUNTIES				

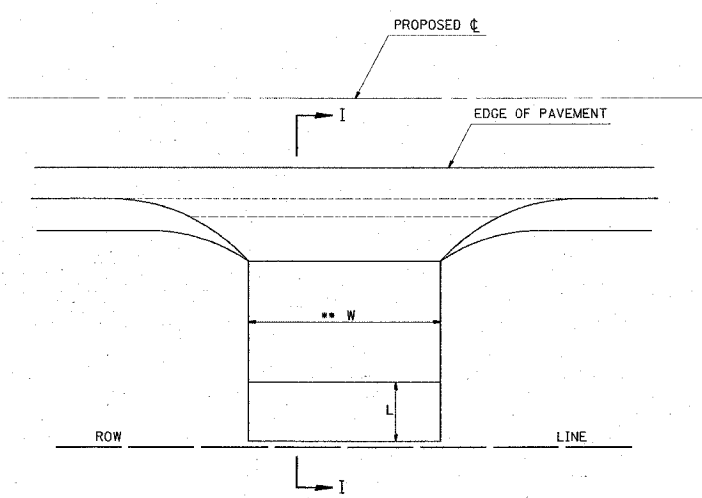
DETAIL OF BITUMINOUS ENTRANCES

W. TYPE A GUTTER
COMMERCIAL & PRIVATE ENTRANCES



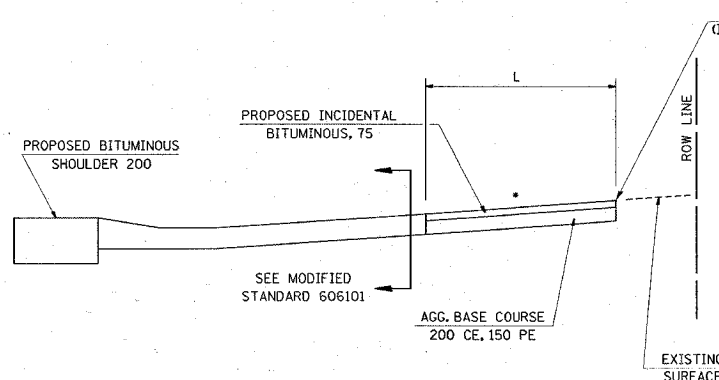
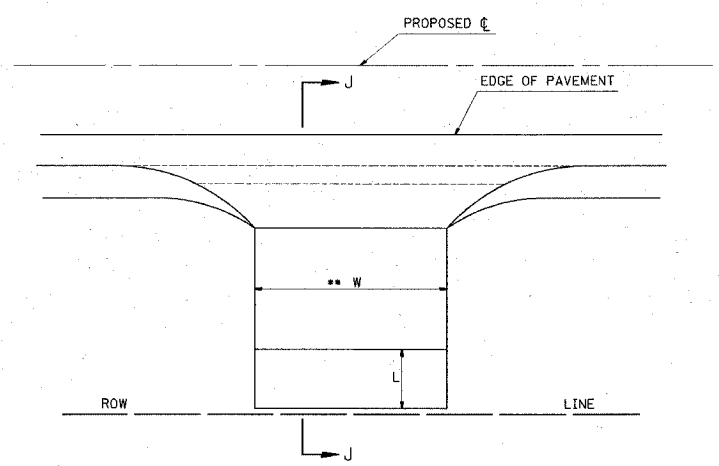
DETAIL OF AGGREGATE ENTRANCES

W. TYPE A GUTTER
COMMERCIAL & PRIVATE ENTRANCES

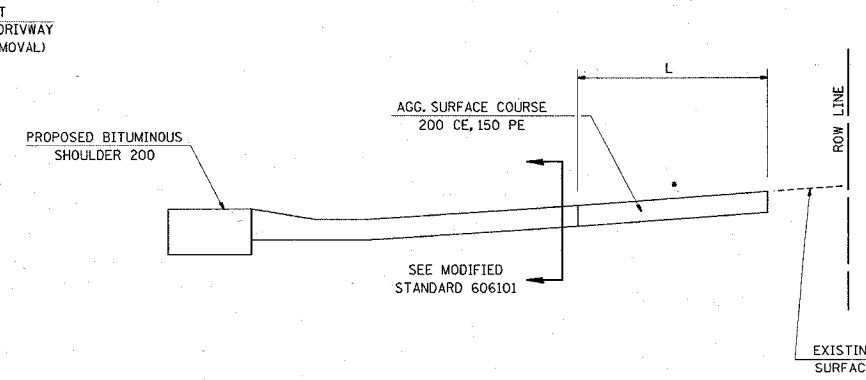


DETAIL OF FIELD ENTRANCES

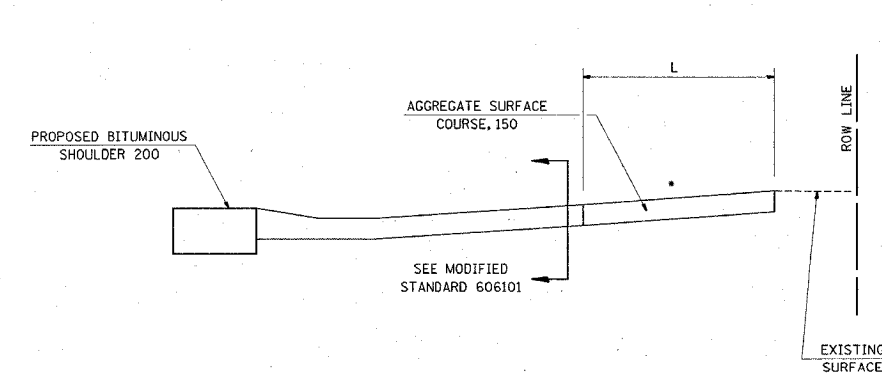
W. TYPE A GUTTER



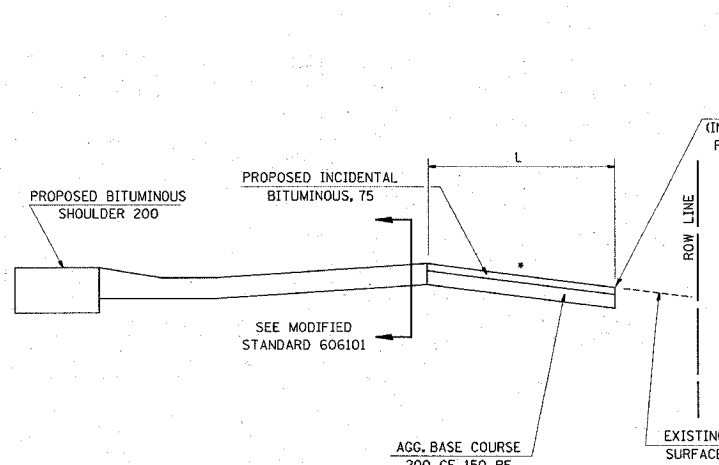
SECTION H-H WITH POSITIVE GRADE



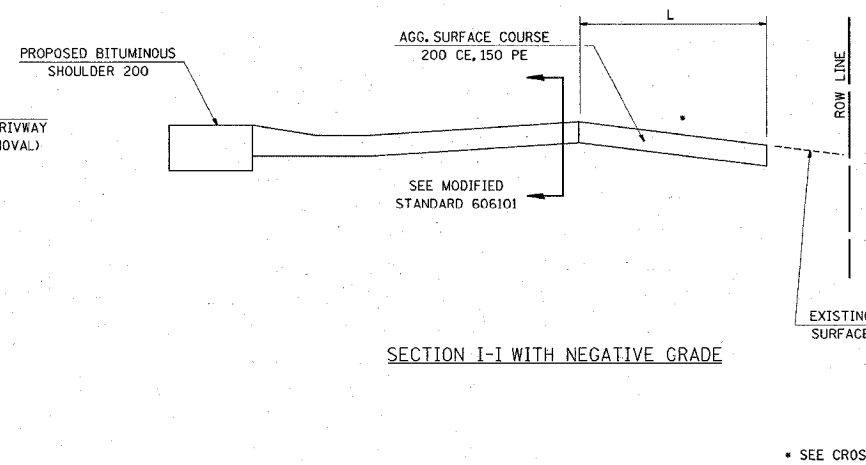
SECTION I-I WITH POSITIVE GRADE



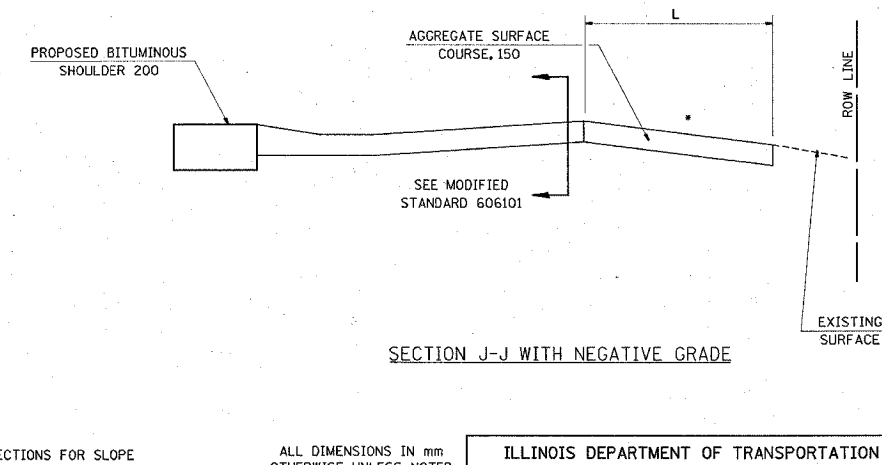
SECTION J-J WITH POSITIVE GRADE



SECTION H-H WITH NEGATIVE GRADE



SECTION I-I WITH NEGATIVE GRADE



SECTION J-J WITH NEGATIVE GRADE

- SEE CROSS SECTIONS FOR SLOPE
- ALL DIMENSIONS IN mm UNLESS NOTED
- ALLOWABLE ENTRANCE WIDTHS:
FIELD 6.0 m MIN 9.1 m MAX
PRIVATE 3.6 m MIN 7.2 m MAX
COMMERCIAL 7.2 m MIN 10.7 m MAX
ALLOWABLE ENTRANCE WIDTH SHALL BE INTERPRETED TO BE THE WIDTHS AT THE END OF THE TAPERS.

ALL DIMENSIONS IN mm
OTHERWISE UNLESS NOTED

REVISIONS	
NAME	DATE

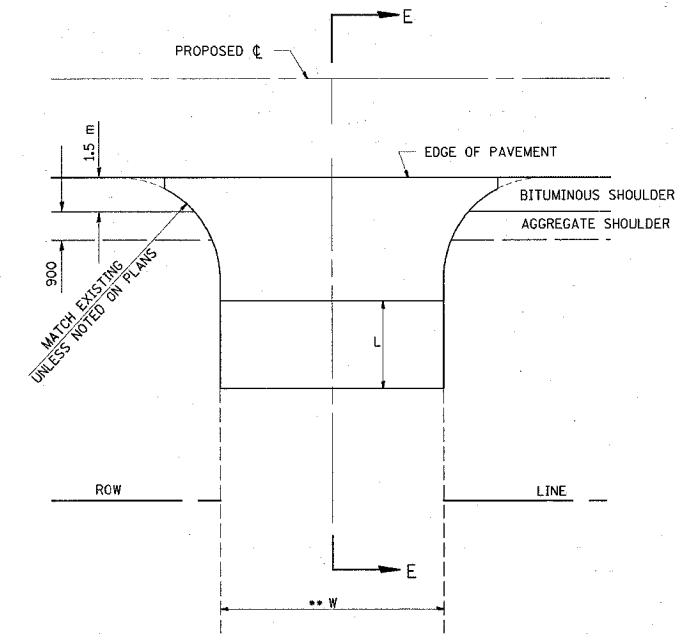
ILLINOIS DEPARTMENT OF TRANSPORTATION
ENTRANCE DETAILS
FAP ROUTE 600
SECTION 51RS-3
ST. CLAIR & MONROE COUNTIES
DRAWN BY:

5/29/2005
 Tuesday, March 29, 2005 @ 2:40:29 PM
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FAP ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
600	5IRS-3	*	347	151
STA.	TO STA.			
CONTRACT : 76563				
* ST. CLAIR & MONROE COUNTIES				

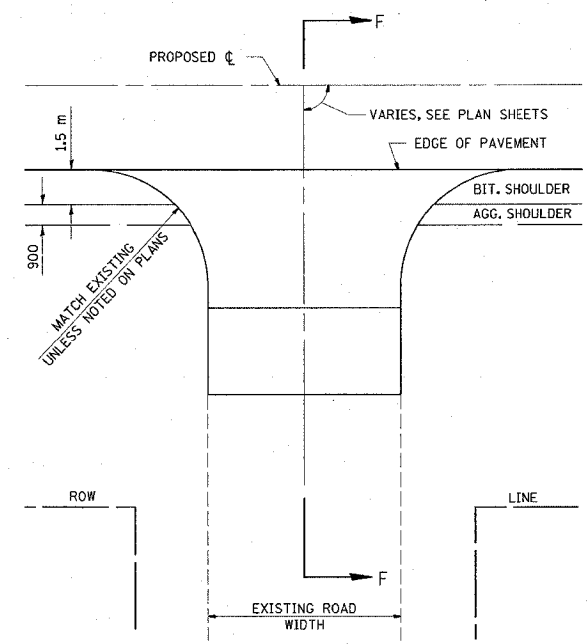
DETAIL OF CONCRETE ENTRANCES

W. BITUMINOUS SHOULDERS
COMMERCIAL & PRIVATE ENTRANCES



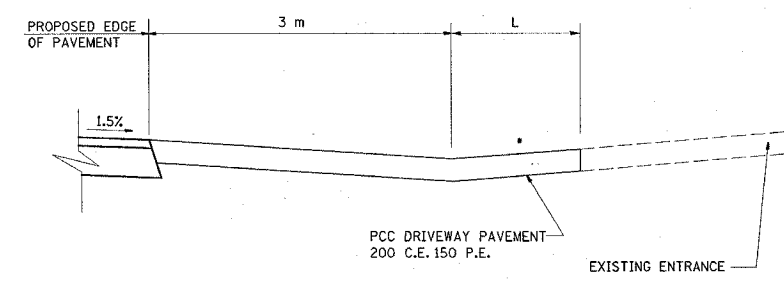
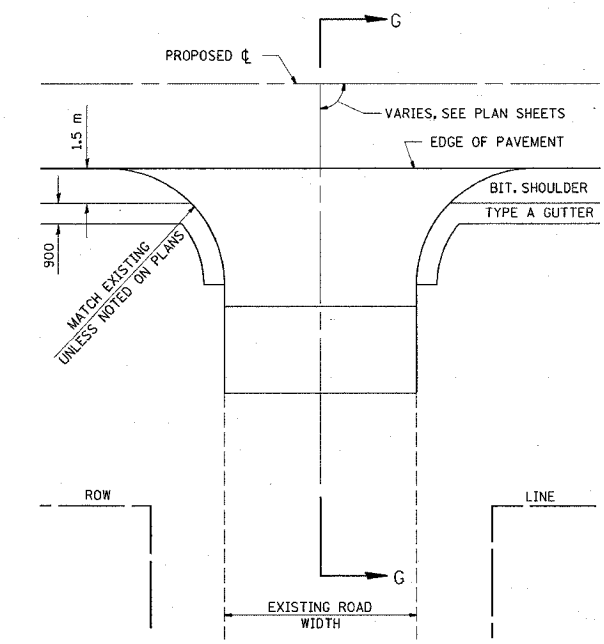
DETAIL OF SIDE ROADS

SIDE ROAD ADJACENT TO
ROADWAY PAVEMENT WITH
BITUMINOUS AND AGGREGATE SHOULDERS

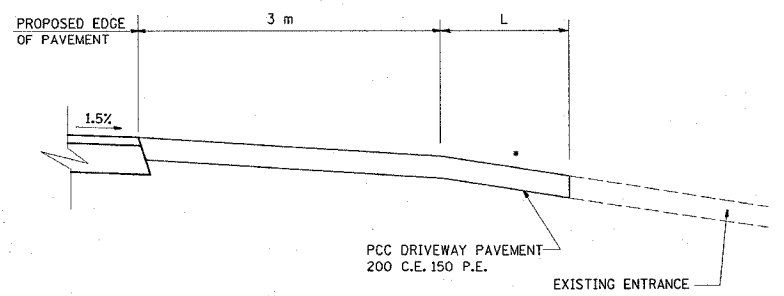


DETAIL OF SIDE ROADS

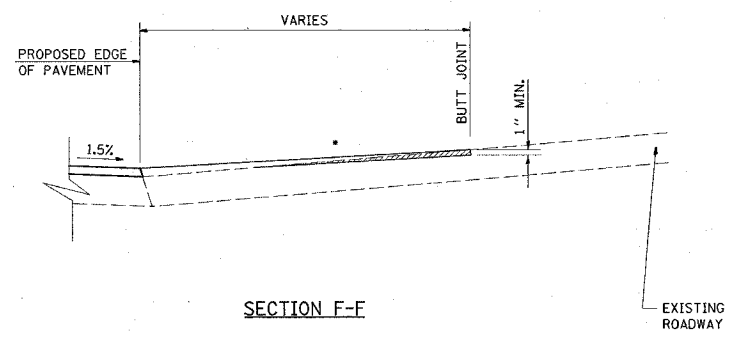
SIDE ROAD ADJACENT TO
ROADWAY PAVEMENT WITH
BITUMINOUS SHOULDER AND
TYPE A GUTTER



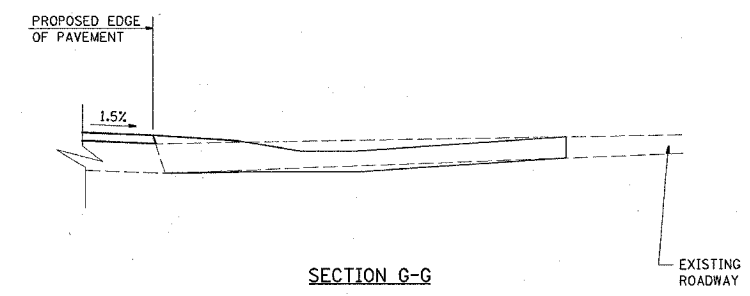
SECTION E-E WITH POSITIVE GRADE



SECTION E-E WITH NEGATIVE GRADE



SECTION F-F



SECTION G-G

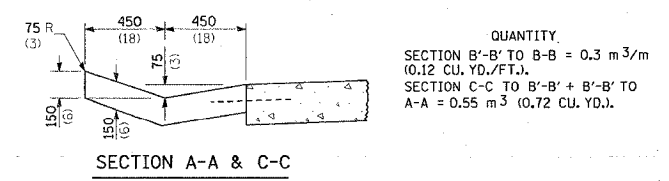
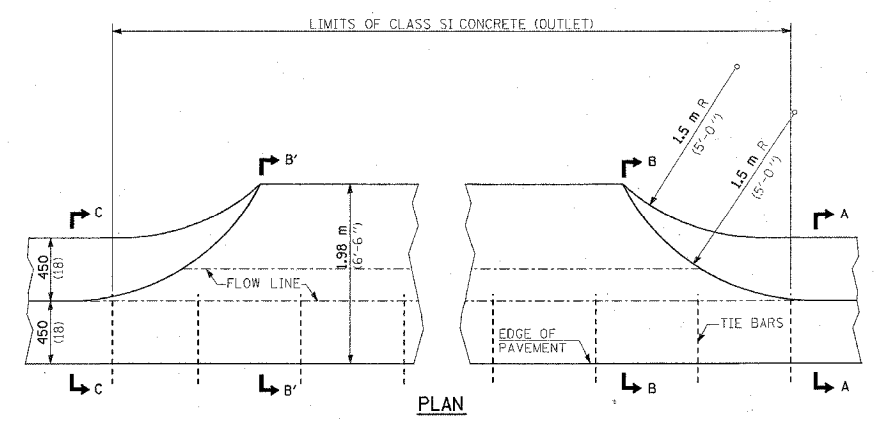
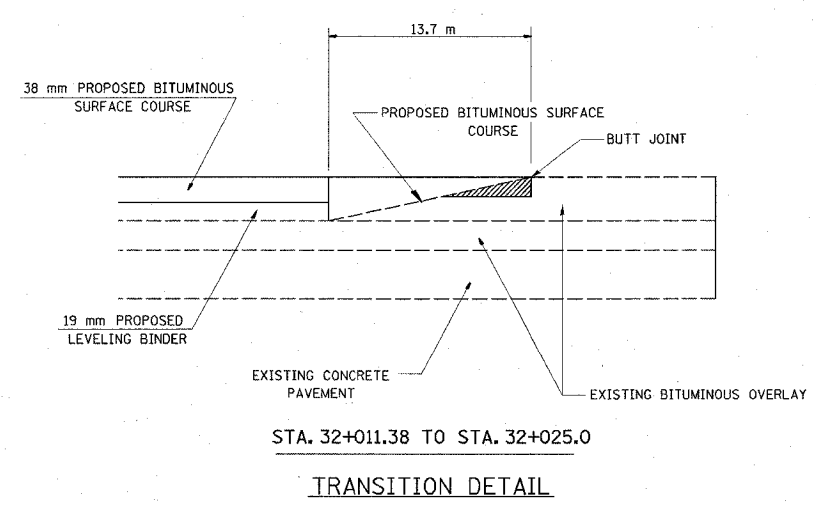
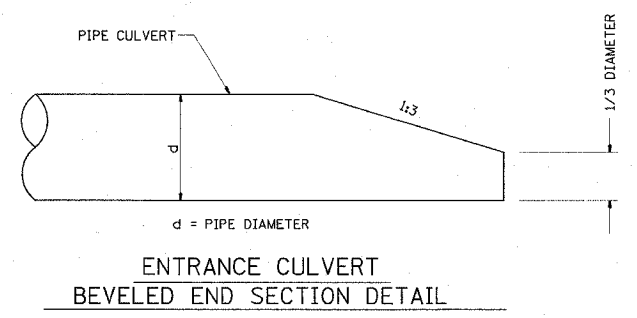
- SEE CROSS SECTIONS FOR SLOPE
- ALL DIMENSIONS IN mm OTHERWISE UNLESS NOTED
- ALLOWABLE ENTRANCE WIDTHS:
FIELD 6.0 m MIN 9.1 m MAX
PRIVATE 3.6 m MIN 7.2 m MAX
COMMERCIAL 7.2 m MIN 10.7 m MAX
ALLOWABLE ENTRANCE WIDTH SHALL BE INTERPRETED TO BE THE WIDTHS AT THE END OF THE TAPERS.

REVISIONS	
NAME	DATE

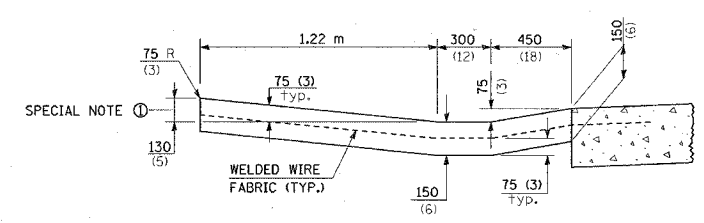
ILLINOIS DEPARTMENT OF TRANSPORTATION
**ENTRANCE AND
SIDE ROAD DETAILS**
FAP ROUTE 600
SECTION 5IRS-3
ST. CLAIR & MONROE COUNTIES
DRAWN BY:

3/29/2005 11:56:04 AM
C:\p\projects\51rs\plan\entrance.dwg L:\11-83

FAP ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
600	51RS-3	*	347	152
STA. TO STA.		CONTRACT : 76563		
* ST. CLAIR & MONROE COUNTIES				



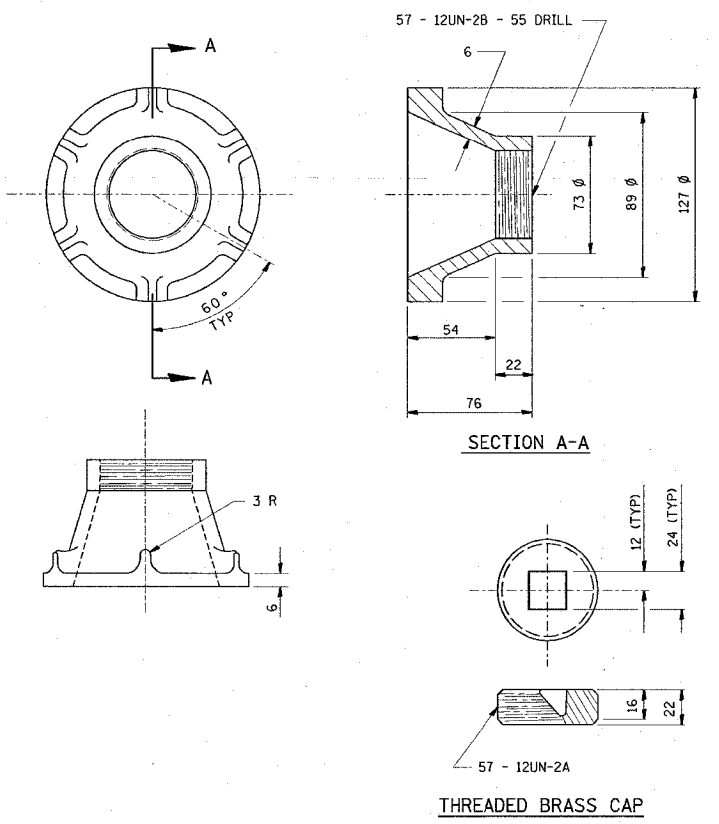
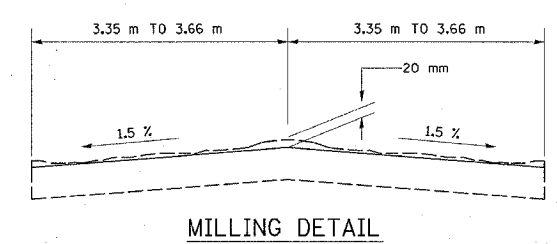
QUANTITY
SECTION B'-B' TO B-B = 0.3 m³/m
(0.12 CU. YD./FT.)
SECTION C-C TO B'-B' + B'-B' TO A-A = 0.55 m³ (0.72 CU. YD.)



SPECIAL NOTES:
SECTION B-B & B'-B' 125 (5) IS THE NORMAL DIMENSION. IF SPECIFIED IN THE PLANS, THE FOLLOWING SHALL BE USED FOR IMPROVED ENTRANCE MATCH-UP: MINIMUM - 75 (3) MAXIMUM - 225 (9)

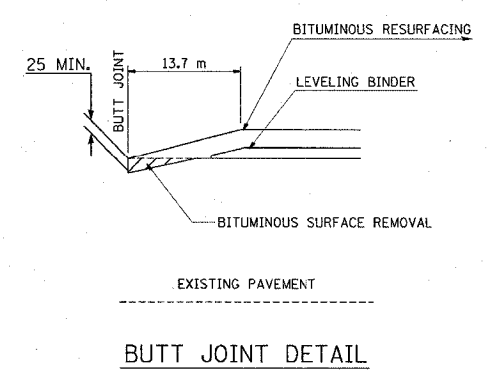
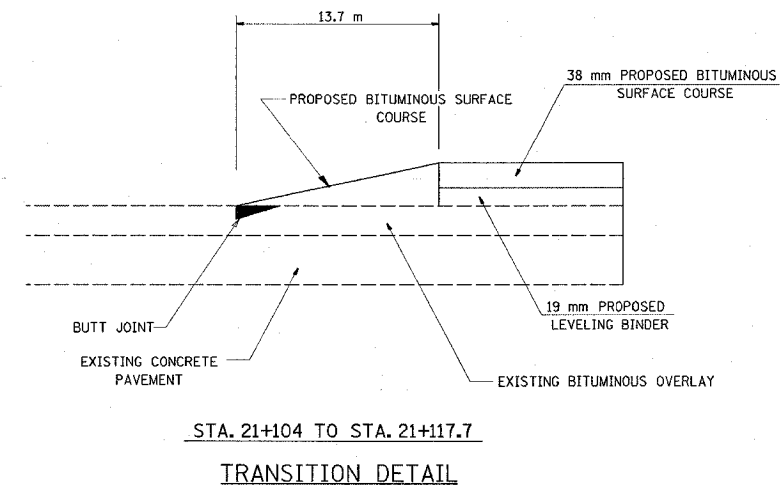
SEE STANDARD 606101 AND SECTION 606 OF THE STANDARD SPECIFICATIONS FOR ADDITIONAL INFORMATION

**TYPE A GUTTER ENTRANCE DETAIL
MODIFICATION TO STANDARD 606101**



**CAST IRON SURVEY
MONUMENT COVER**

NOTES:
ALL RADII ARE 9 mm UNLESS SPECIFIED.
ALL CHAMFERS ARE 45°.
ROUND ALL SHARP EDGES.
USE THREADS AND DIMENSIONS AS SPECIFIED OR EQUIVALENT BY APPROVAL OF THE ENGINEER
THE SURVEY MONUMENT COVER ASSEMBLY SHOWN IS AN EXAMPLE. OTHER MODELS, SIMILAR IN DESIGN, MAY BE USED WITH THE APPROVAL OF THE ENGINEER
THE THREADS OF THE CAP AND COVER WILL BE COATED WITH PIPE TAPE OR PIPE THREAD COMPOUND PRIOR TO INSTALLATION.



ALL DIMENSIONS ARE IN mm UNLESS DESIGNATED OTHERWISE

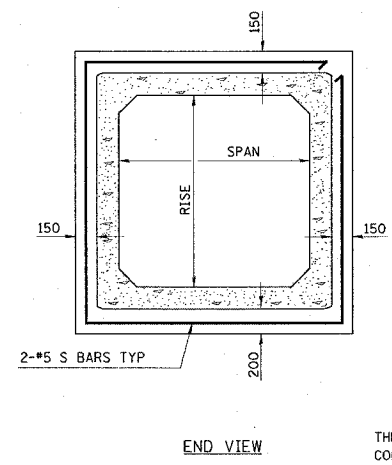
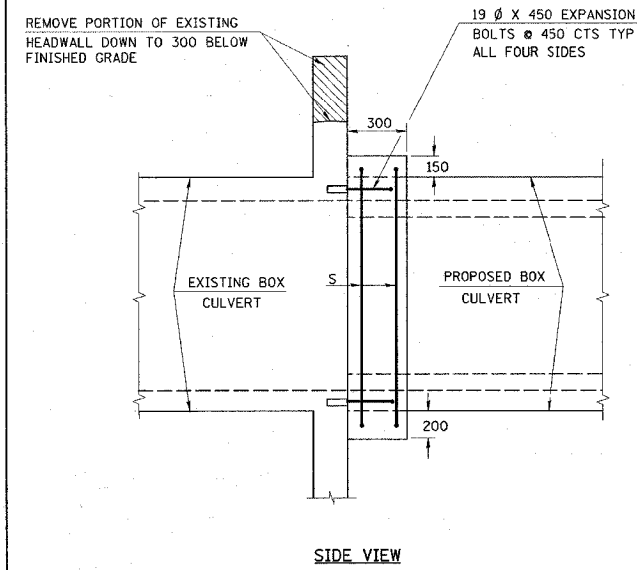
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
MISCELLANEOUS DETAILS
FAP ROUTE 600
SECTION 51RS-3
ST. CLAIR & MONROE COUNTIES
DRAWN BY:

/// MATERIAL TO BE REMOVED

FAP ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
600	5IRS-3	*	347	153
STA.		TO STA.		
CONTRACT : 76563				
* ST. CLAIR & MONROE COUNTIES				

DETAILS OF CONCRETE COLLAR FOR PRECAST BOX CULVERT



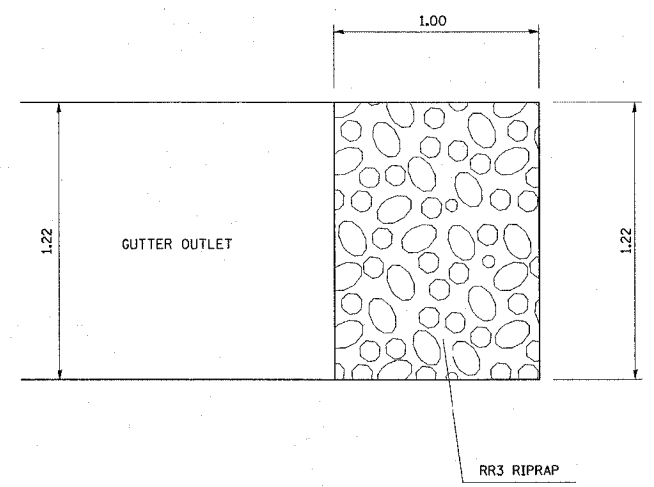
(FOR INFORMATION ONLY)

SPAN X RISE (mm)	CLASS SI CONC cu m (EST)
600 X 600	0.152
900 X 600	0.229
900 X 900	0.260
1200 X 600	0.275
1200 X 900	0.298
1200 X 1200	0.329
1500 X 600	0.313
1500 X 900	0.344
1500 X 1200	0.375
1800 X 600	0.359
1800 X 900	0.390
1800 X 1200	0.413

THE CONCRETE COLLAR WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED INCLUDED IN THE CONTRACT UNIT PRICE FOR BOX CULVERT OR END SECTION INVOLVED. THIS WORK SHALL ALSO INCLUDE NECESSARY HEADWALL REMOVAL. CLASS SI CONCRETE SHALL BE USED THROUGHOUT.

PLAN	DATE
BY	
CHECKED	
APPROVED	
NO. OF WAYS CHECKED	
NO.	

DETAIL OF RIPRAP AT TYPE A GUTTER OUTLET



ALL DIMENSIONS ARE IN mm UNLESS DESIGNATED OTHERWISE

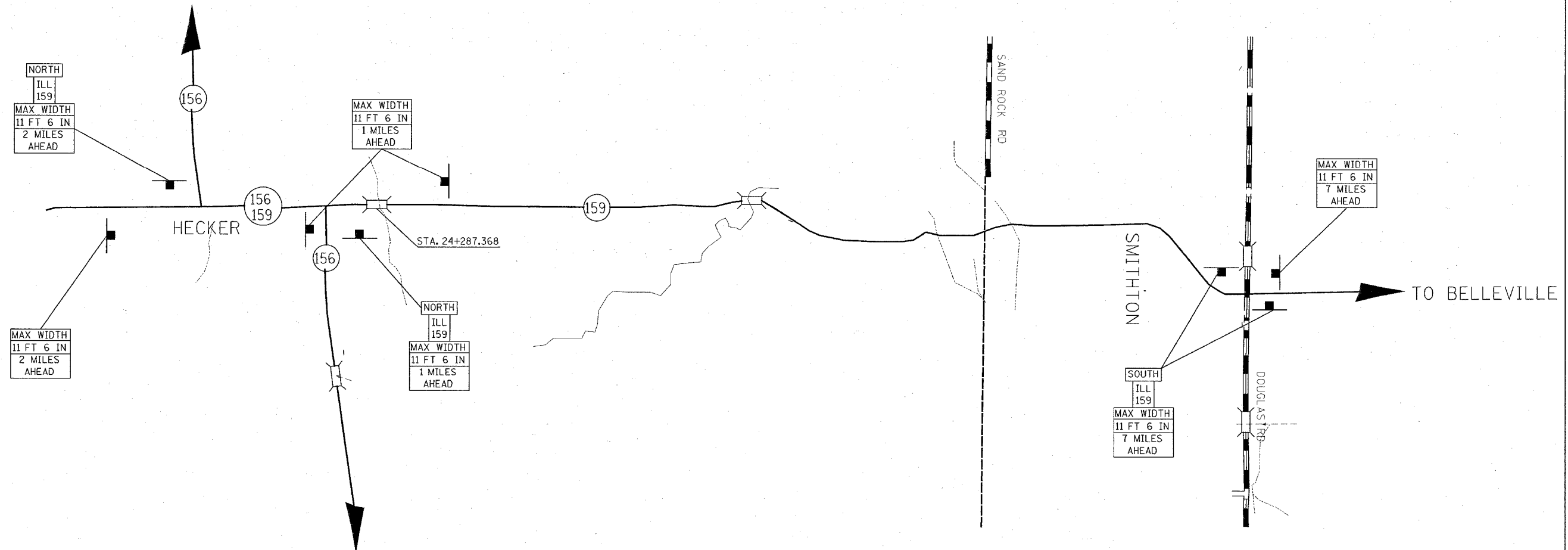
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
MISCELLANEOUS DETAILS
 FAP ROUTE 600
 SECTION 5IRS-3
 ST. CLAIR & MONROE COUNTIES
 DRAWN BY:

FAP NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
600	5IRS-3		347	154
STA.		TO STA.		
CONTRACT : 76563				
* ST. CLAIR & MONROE COUNTIES				

NOTES

1. ALL SIGNS REQUIRED WILL BE SUPPLIED TO THE CONTRACTOR BY I.D.O.T.
2. THE CONTRACTOR SHALL FURNISH THE POSTS AND ERECT SIGNS AT THE LOCATIONS SHOWN ON THIS SHEET, AS DIRECTED BY THE R.E./R.T. THE POSTS SHALL REMAIN THE PROPERTY OF THE CONTRACTOR.
3. THE CONTRACTOR SHALL GIVE ILLINOIS DEPARTMENT OF TRANSPORTATION, BUREAU OF OPERATIONS TWO WEEKS NOTICE FOR SIGNS. THE CONTRACTOR SHALL PICK UP THE SIGNS AT THE T.M. BUILDING IN FAIRVIEW HGTS., AND RETURN THEM UPON COMPLETION OF THE CONTRACT.
4. THE ABOVE NOTED WORK SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE, LUMP SUM, FOR WIDE LOAD SIGNING AND NO OTHER COMPENSATION WILL BE ALLOWED.
5. SIGN SPACING WILL BE 400' OR TO FIT FIELD CONDITIONS.
6. THE HEIGHT TO THE BOTTOM OF THE LOWEST SIGN SHALL NOT BE LESS THAN 6'.



SIGNS REQUIRED

48"	
MAX WIDTH 11 FT 6 IN 1 MILES AHEAD	48" (3)
48"	30" ILL 159
MAX WIDTH 11 FT 6 IN 2 MILES AHEAD	48" (2)
48"	24" NORTH
MAX WIDTH 11 FT 6 IN 7 MILES AHEAD	48" (3)
48"	24" SOUTH

ALL DIMENSIONS ARE IN mm
UNLESS DESIGNATED OTHERWISE

NOT TO SCALE

REVISIONS	
NAME	DATE

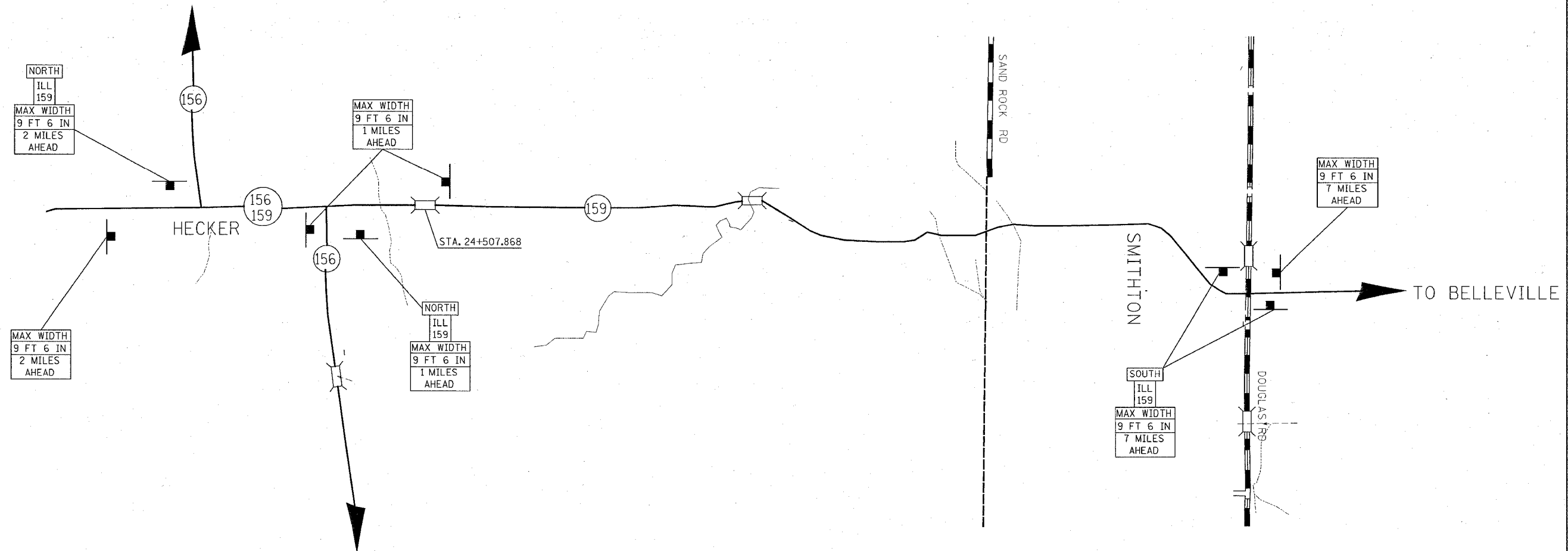
ILLINOIS DEPARTMENT OF TRANSPORTATION
**WIDE LOAD SIGNING
 DETAIL SHEET**
 FAP ROUTE 600
 SECTION 5IRS-3
 ST. CLAIR & MONROE COUNTIES
 DRAWN BY:

3/29/2005
 Tuesday, March 29, 2005 @ 1:00:15 PM
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FAP ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
600	51RS-3	*	347	155
STA.		TO STA.		
CONTRACT : 76563				
* ST. CLAIR & MONROE COUNTIES				

NOTES

1. ALL SIGNS REQUIRED WILL BE SUPPLIED TO THE CONTRACTOR BY I.D.O.T.
2. THE CONTRACTOR SHALL FURNISH THE POSTS AND ERECT SIGNS AT THE LOCATIONS SHOWN ON THIS SHEET, AS DIRECTED BY THE R.E./R.T. THE POSTS SHALL REMAIN THE PROPERTY OF THE CONTRACTOR.
3. THE CONTRACTOR SHALL GIVE ILLINOIS DEPARTMENT OF TRANSPORTATION, BUREAU OF OPERATIONS TWO WEEKS NOTICE FOR SIGNS. THE CONTRACTOR SHALL PICK UP THE SIGNS AT THE T.M. BUILDING IN FAIRVIEW HGTS., AND RETURN THEM UPON COMPLETION OF THE CONTRACT.
4. THE ABOVE NOTED WORK SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE, LUMP SUM, FOR WIDE LOAD SIGNING AND NO OTHER COMPENSATION WILL BE ALLOWED.
5. SIGN SPACING WILL BE 400' OR TO FIT FIELD CONDITIONS.
6. THE HEIGHT TO THE BOTTOM OF THE LOWEST SIGN SHALL NOT BE LESS THAN 6'.



SIGNS REQUIRED

48"	
MAX WIDTH 9 FT 6 IN 1 MILES AHEAD	48" (3)
48"	30" ILL 159
MAX WIDTH 9 FT 6 IN 2 MILES AHEAD	48" (2)
48"	24" NORTH
MAX WIDTH 9 FT 6 IN 7 MILES AHEAD	48" (3)
48"	24" SOUTH
	12" (2)

ALL DIMENSIONS ARE IN mm
UNLESS DESIGNATED OTHERWISE

REVISIONS	
NAME	DATE

NOT TO SCALE

ILLINOIS DEPARTMENT OF TRANSPORTATION

**WIDE LOAD
DETOUR SHEET**

FAP ROUTE 600
SECTION 51RS-3
ST. CLAIR & MONROE COUNTIES

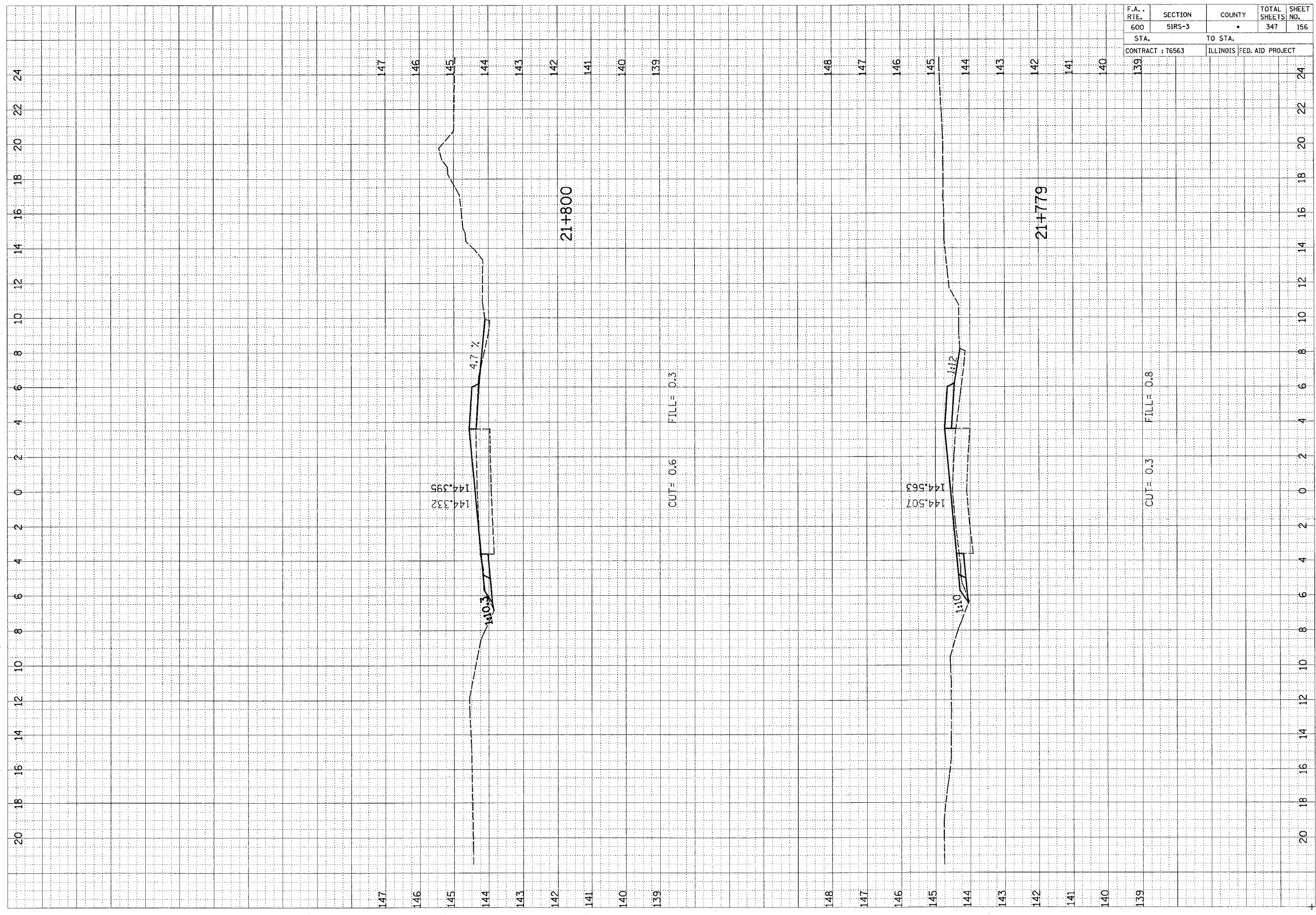
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c:\projects\ind389\plan\genetask11.dgn LVF-63

F.A. RIE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
600	51RS-3	*	347	156
STA. 139		TO STA. 140		
CONTRACT : 76563		ILLINOIS FED. AID PROJECT		

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

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



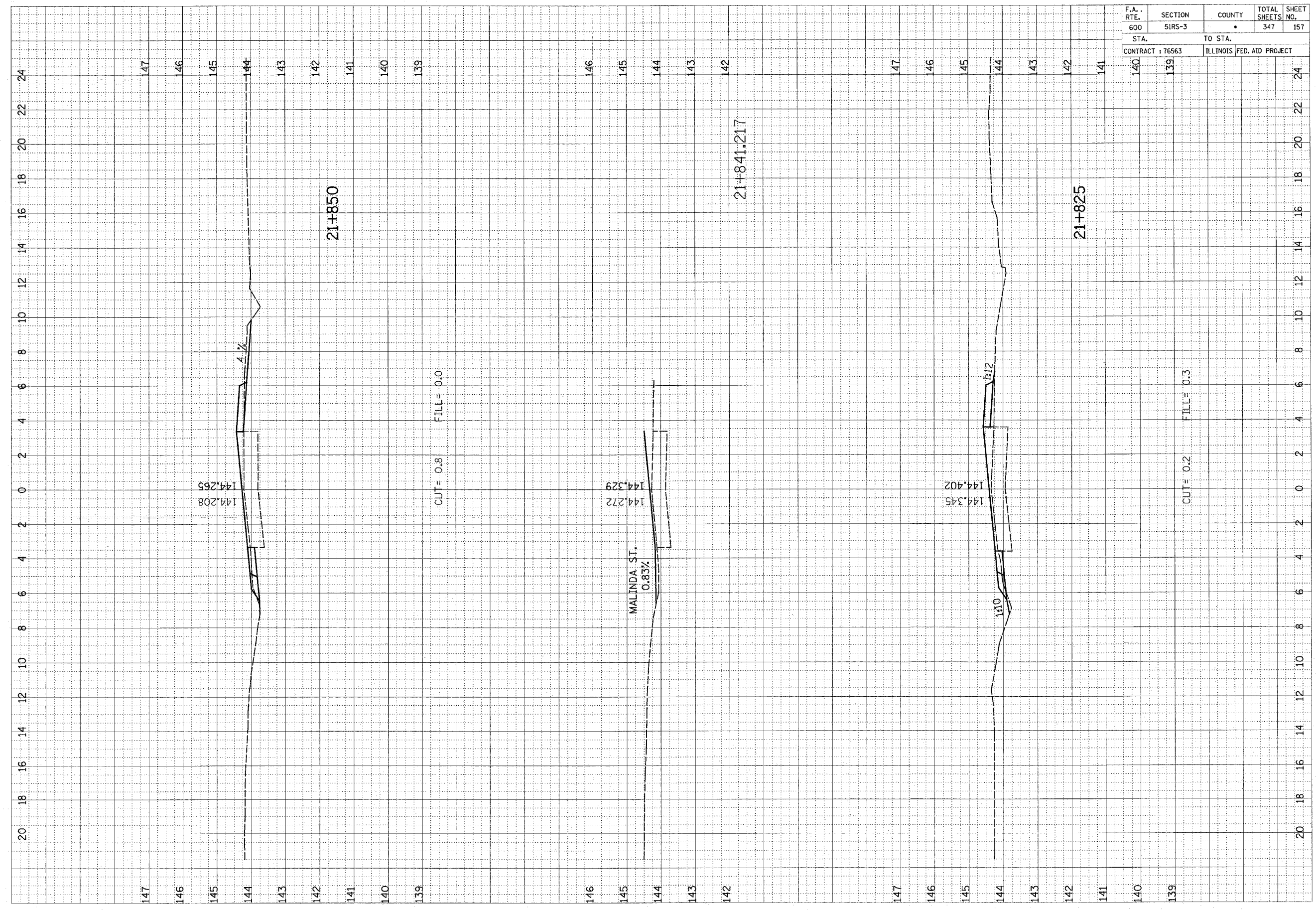
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20 18 16 14 12 10 8 6 4 2 0 2 4 6 8 10 12 14 16 18 20 22 24

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
600	51R5-3	•	347	157
STA. 140		TO STA. 139		
CONTRACT : 76563		ILLINOIS FED. AID PROJECT		

FINAL SURVEY NO.	SUBMITTED	BY	DATE
	PLOTTED		
	TEMPERATURE		
	AREAS CHECKED		

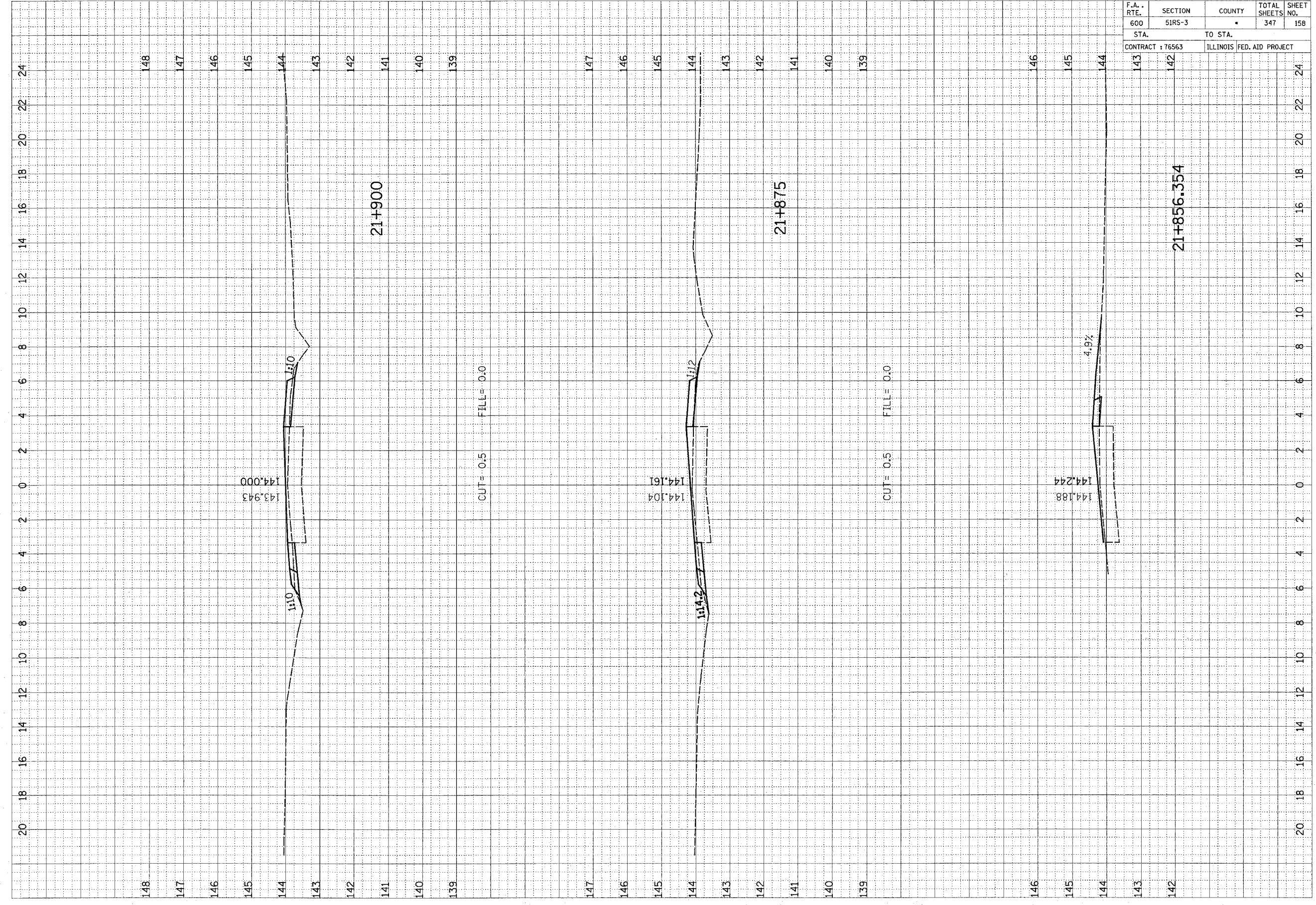
ORIGINAL SURVEY NO.	SUBMITTED	BY	DATE
	PLOTTED		
	TEMPERATURE		
	AREAS CHECKED		



F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
600	51RS-3	•	347	158
STA.		TO STA.		
CONTRACT : 76563		ILLINOIS FED. AID PROJECT		

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

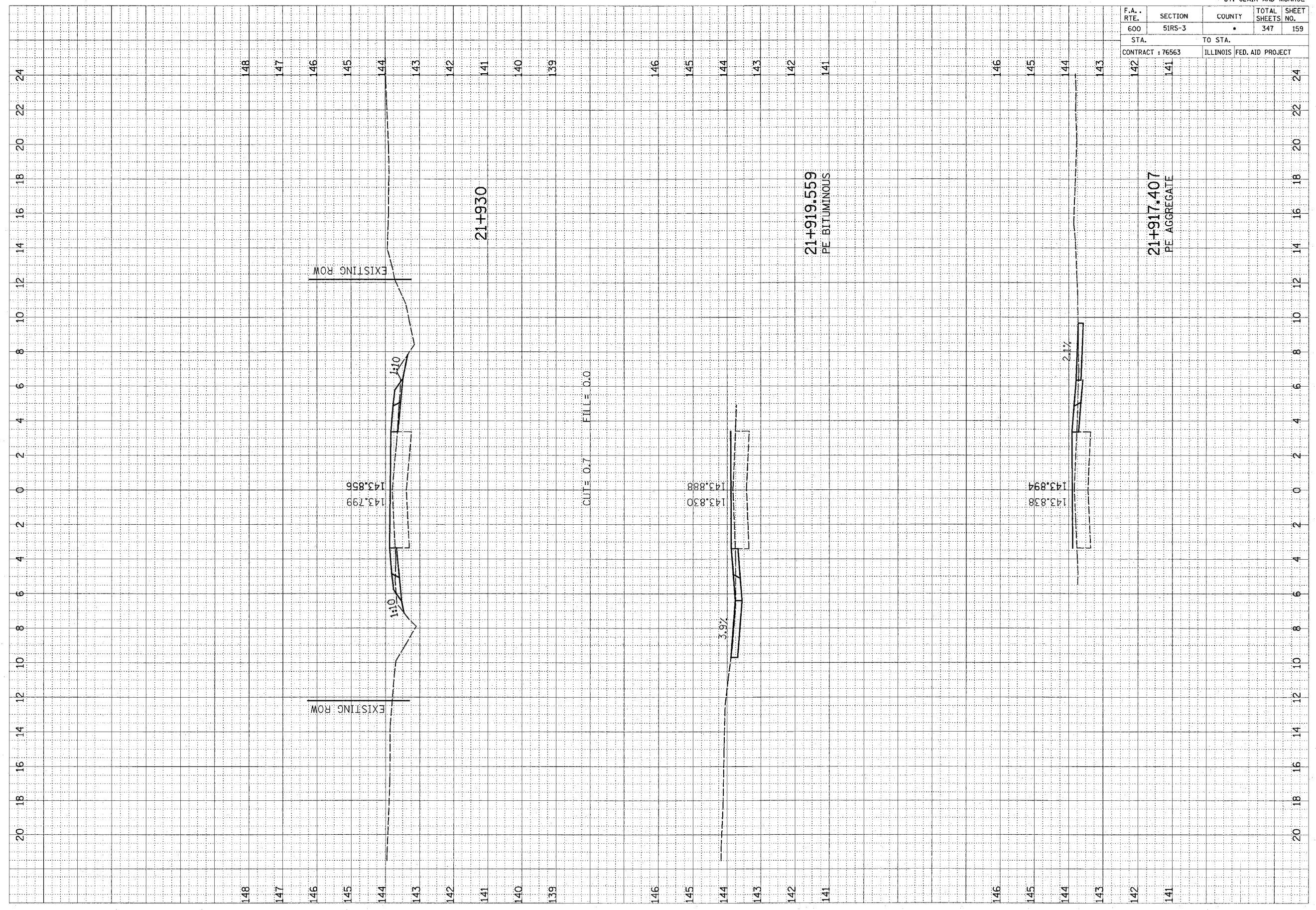
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BY	
REVISIONS PLOTTED	
TEMPLATE AREAS CHECKED	



F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
600	51RS-3	*	347	159
STA. 142		TO STA. 141		
CONTRACT : 76563		ILLINOIS FED. AID PROJECT		

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

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



20 18 16 14 12 10 8 6 4 2 0 2 4 6 8 10 12 14 16 18 20 22 24

148
147
146
145
144
143
142
141
140
139

146
145
144
143
142
141

146
145
144
143

142
141

EXISTING ROW

EXISTING ROW

21+930

21+919.559
PE BITUMINOUS

21+917.407
PE AGGREGATE

CUT = 0.7 FILL = 0.0

1:10

1:10

3.9%

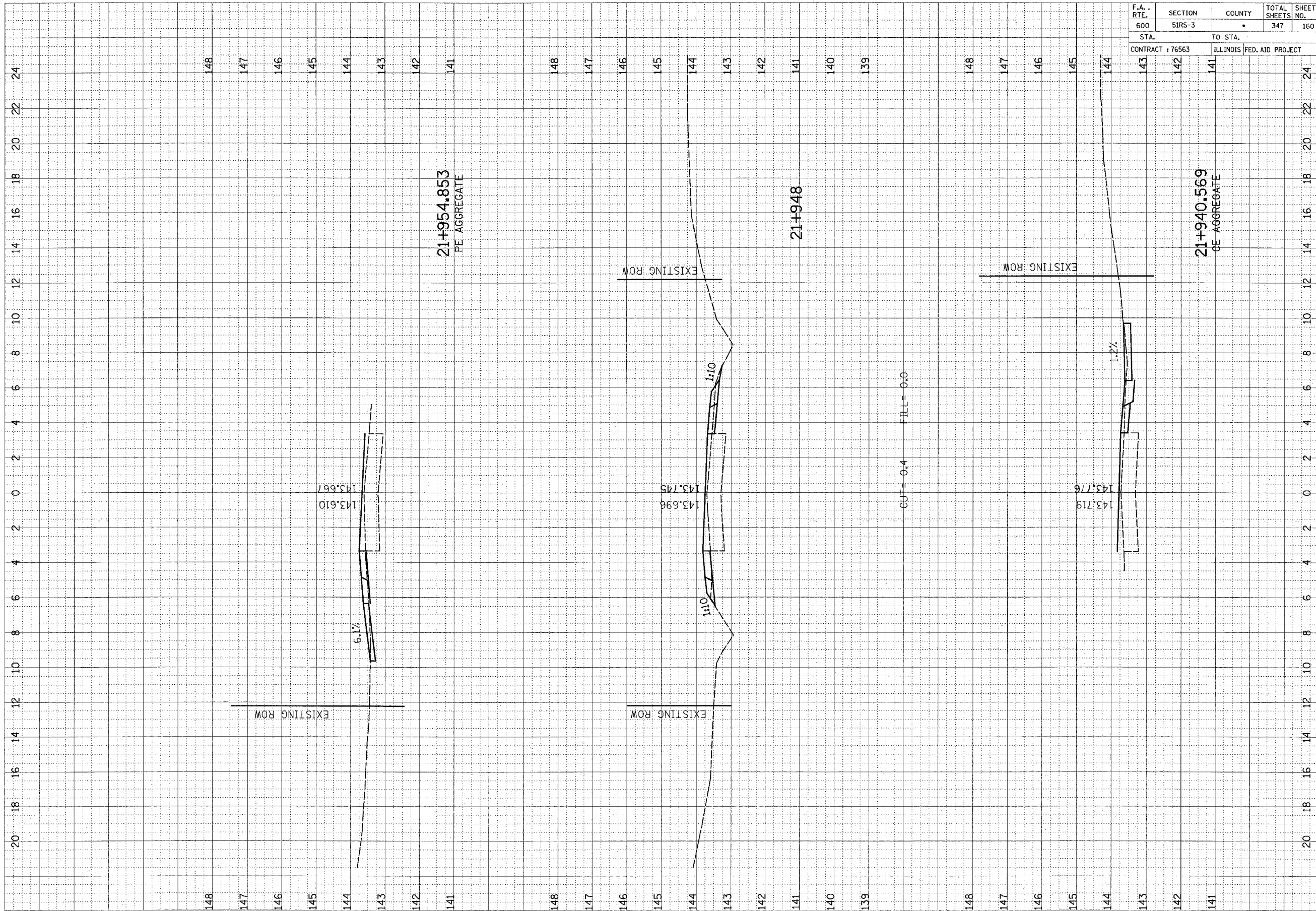
2.1%

143.799
143.856

143.830
143.888

143.838
143.894

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
600	5IRS-3	*	347	160
STA.		TO STA.		
CONTRACT : 76563		ILLINOIS FED. AID PROJECT		



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

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NOTE BOOK	PLOTTED		
NO.	TEMPLATE		
	AREAS CHECKED		

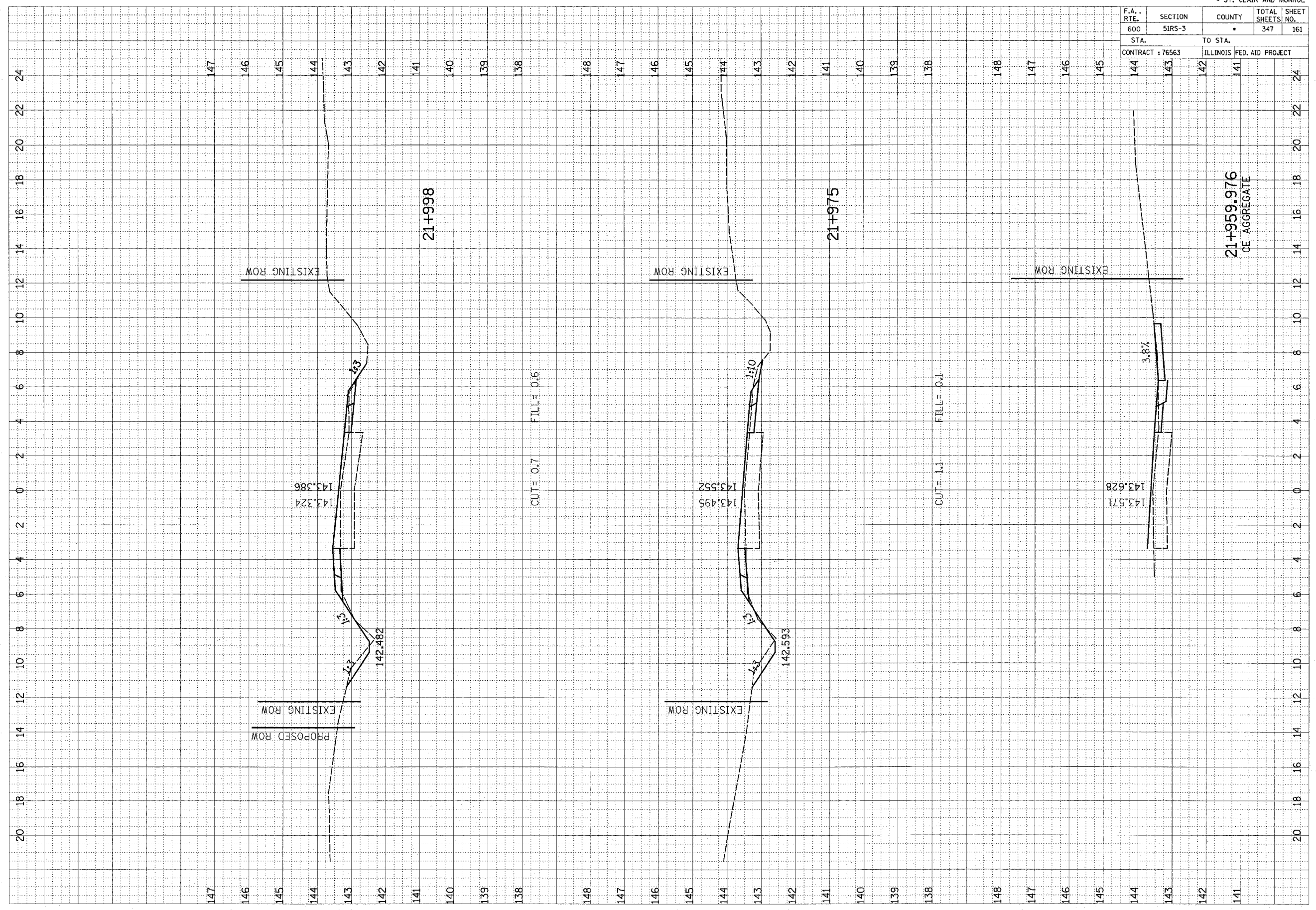
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20 18 16 14 12 10 8 6 4 2 0 2 4 6 8 10 12 14 16 18 20 22 24

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
600	51RS-3	•	347	161
STA. 144		TO STA. 141		
CONTRACT : 76563		ILLINOIS FED. AID PROJECT		

FINAL	SUBMITTED	DATE
SERIES	PLOTTED	
NOTE BOOK	DATE	
NO.	AREAS CHECKED	

ORIGINAL	SUBMITTED	DATE
SERIES	PLOTTED	
NOTE BOOK	DATE	
NO.	AREAS CHECKED	

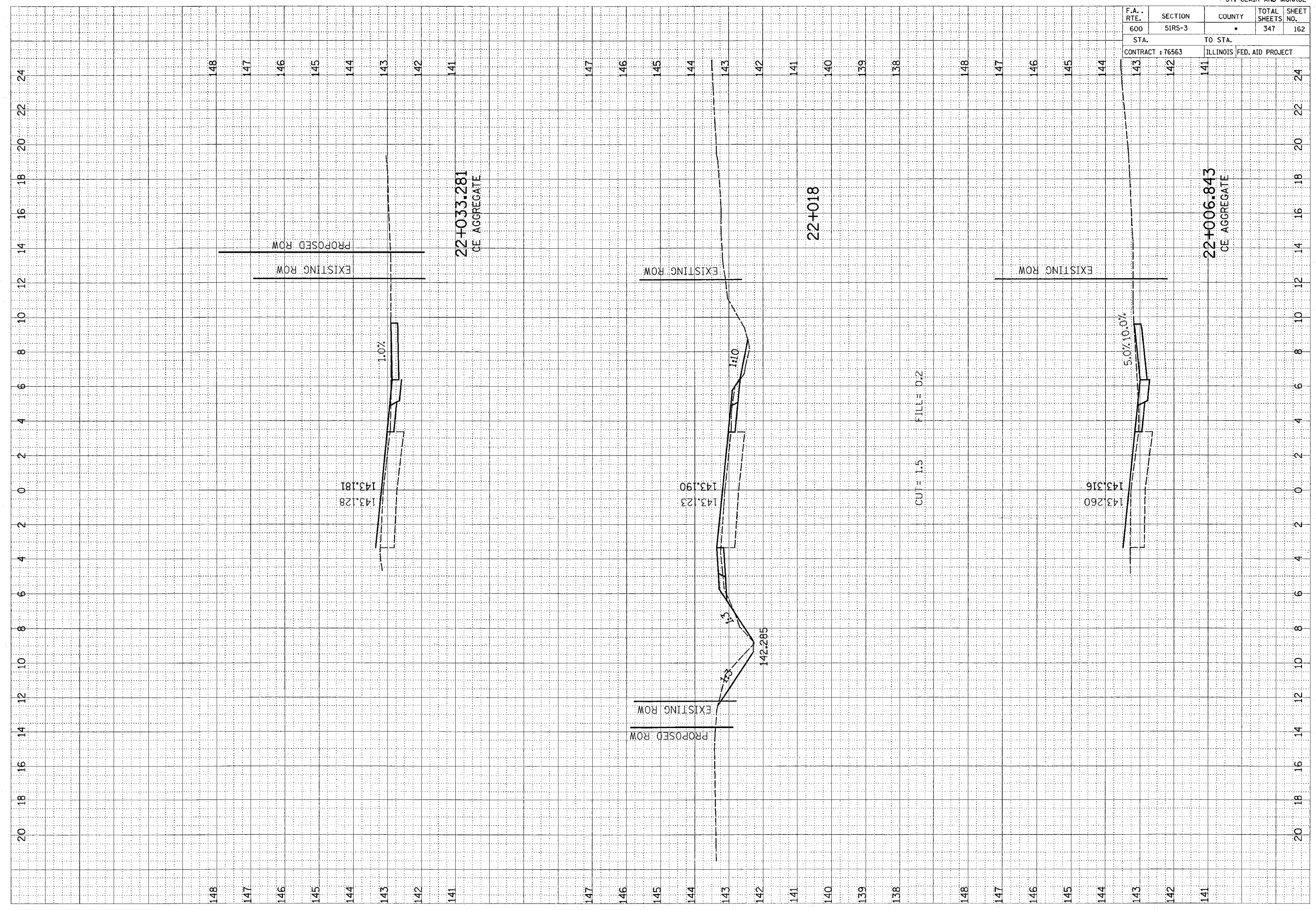


21+959.976
CE AGGREGATE

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
600	51R5-3	•	347	162
STA.		TO STA.		
CONTRACT : 76563		ILLINOIS FED. AID PROJECT		

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

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

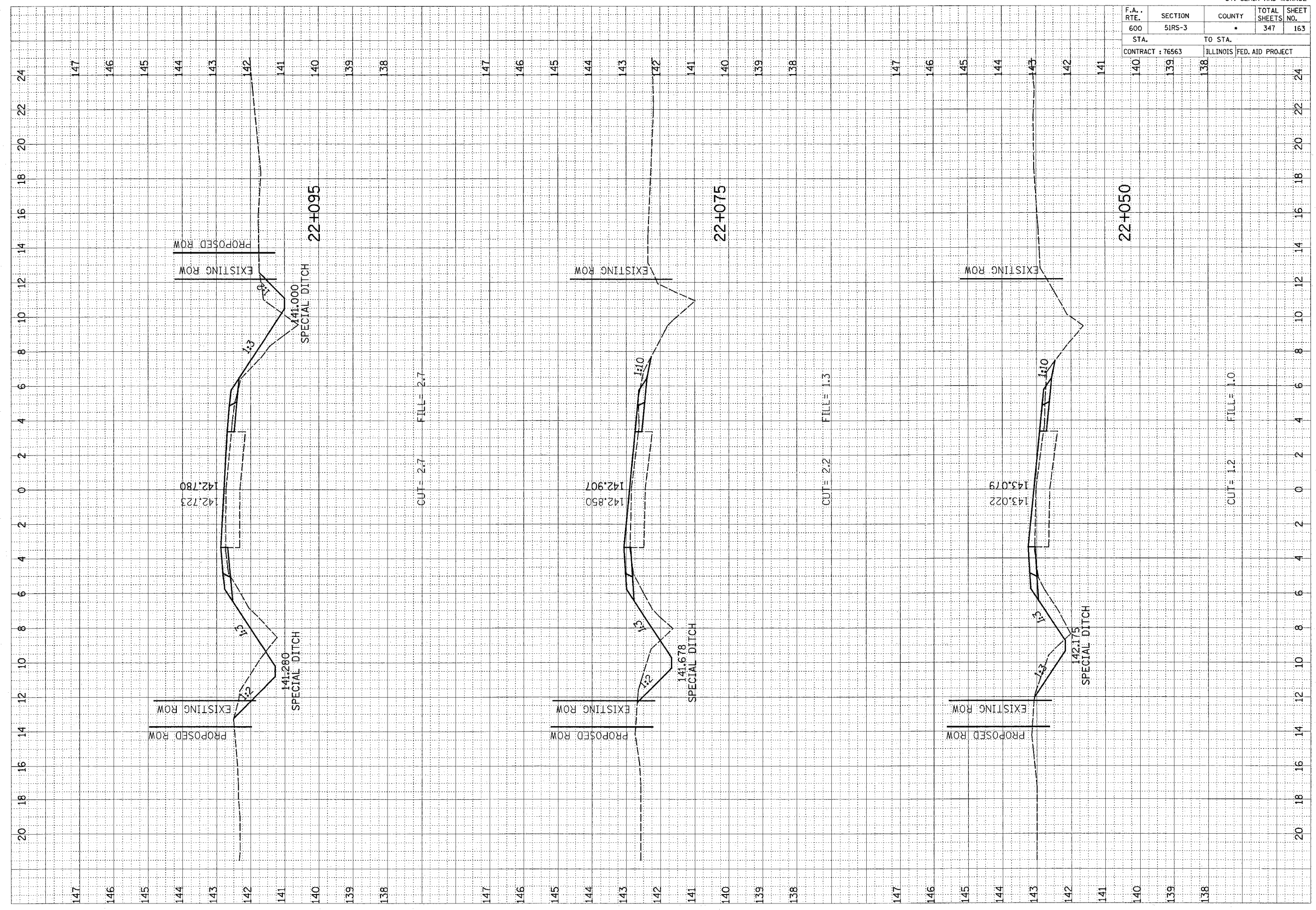


148	24
147	22
146	20
145	18
144	16
143	14
142	12
141	10
147	8
146	6
145	4
144	2
143	0
142	2
141	4
147	6
146	8
145	10
144	12
143	14
142	16
141	18
148	20
147	22
146	24

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
600	51RS-3	•	347	163
STA. 140		TO STA. 138		24
CONTRACT : 76563			ILLINOIS FED. AID PROJECT	

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

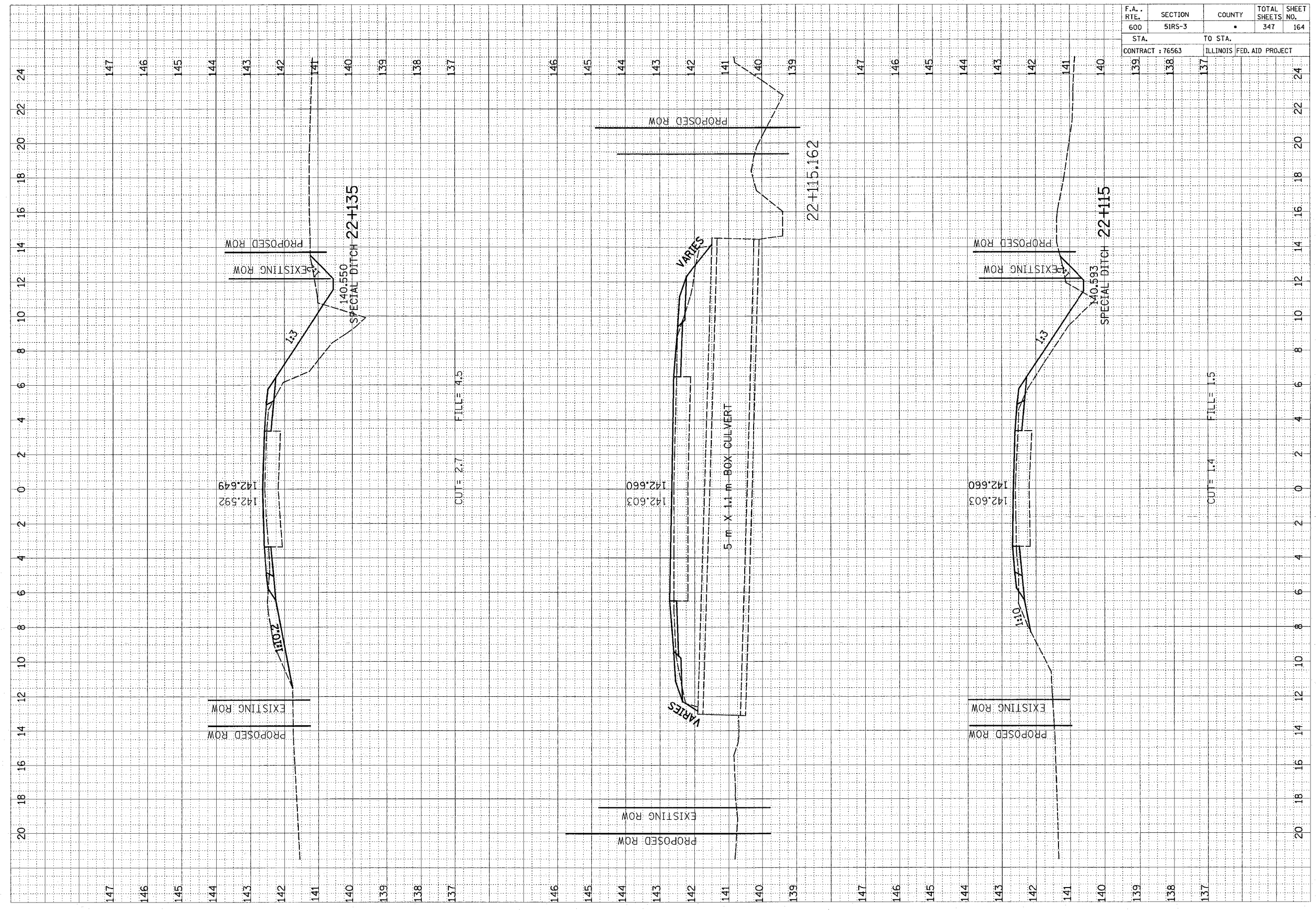
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NOTE BOOK NO.	TEMPERATURE		
	AREAS CHECKED		



F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
600	51RS-3	•	347	164
STA. 139		TO STA. 137		24
CONTRACT : 76563			ILLINOIS FED. AID PROJECT	

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

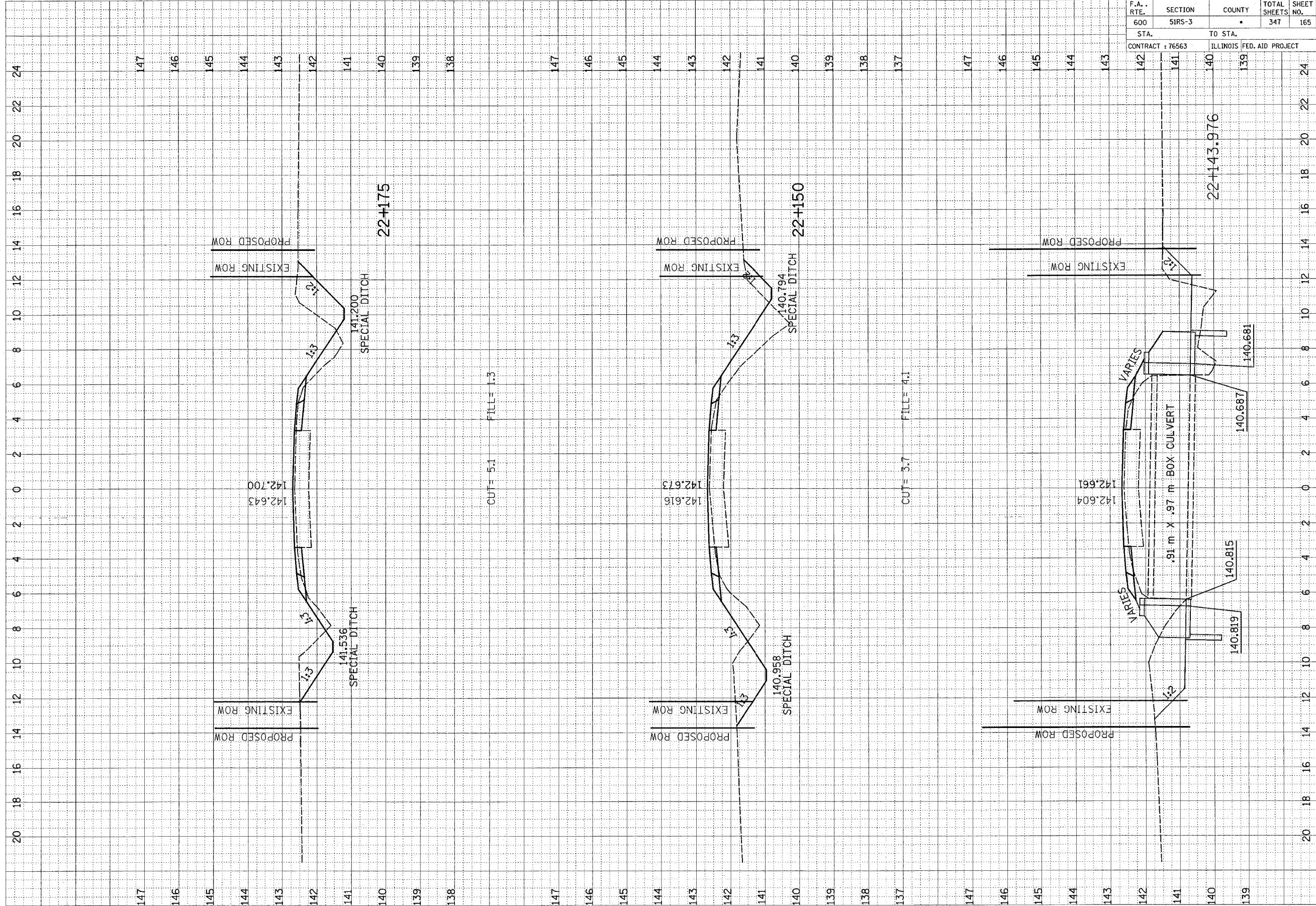
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NOTE BOOK	PLOTTED	BY
NO.	TEMPLATE	
	AREAS CHECKED	



F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
600	51RS-3		347	165
STA. 142		TO STA. 141		
CONTRACT : 76563		ILLINOIS		FED. AID PROJECT

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

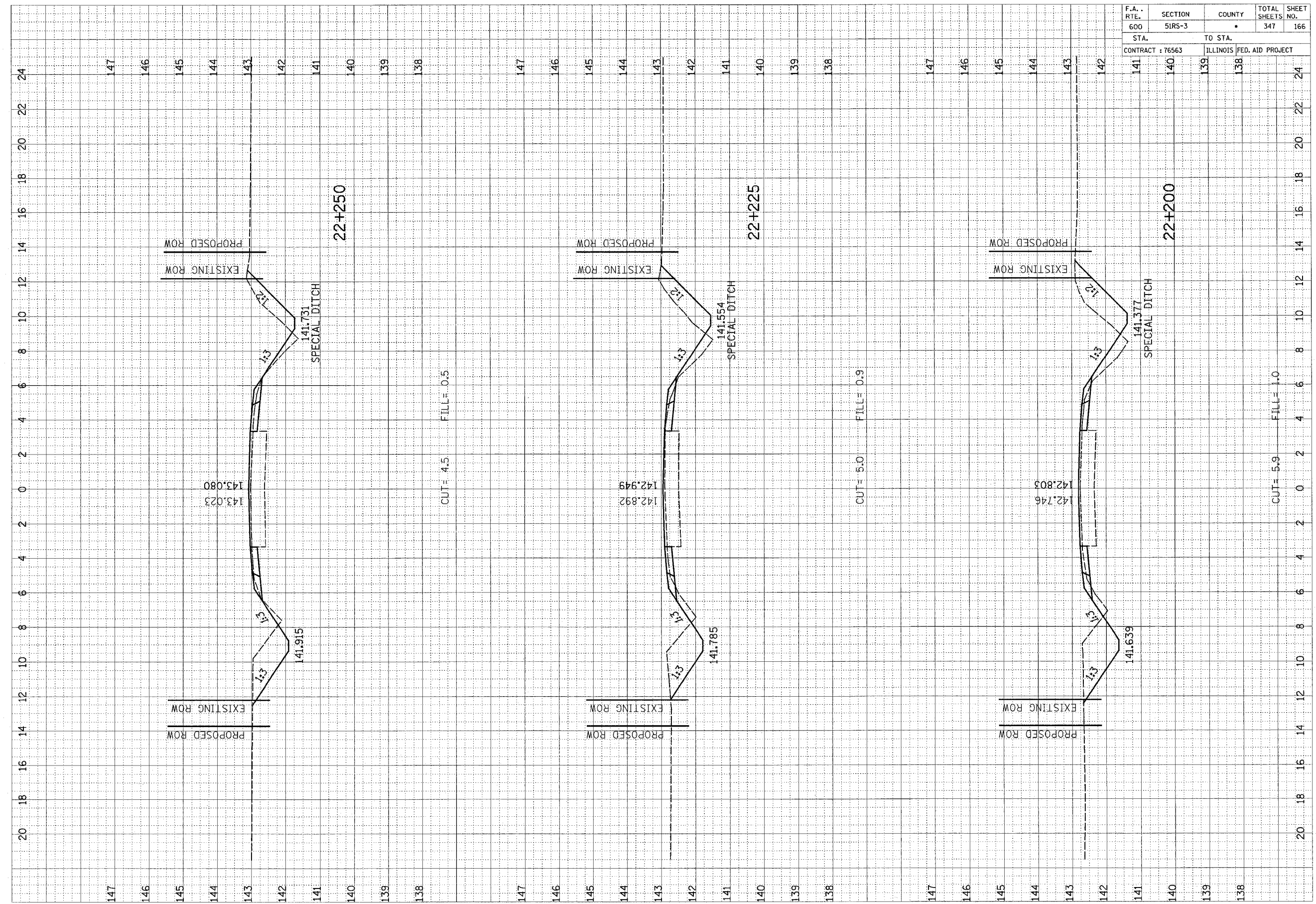
ORIGINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK NO.	PLOTTED		
NO.	AREAS		
	CHECKED		
	AREAS		
	CHECKED		



F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
600	51R5-3	•	347	166
STA. 141		TO STA. 142		
CONTRACT : 76563		ILLINOIS FED. AID PROJECT		

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

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



147 146 145 144 143 142 141 140 139 138 147 146 145 144 143 142 141 140 139 138 147 146 145 144 143 142 141 140 139 138 147 146 145 144 143 142 141 140 139 138

20 18 16 14 12 10 8 6 4 2 0 2 4 6 8 10 12 14 16 18 20 22 24

CUT = 4.5 FILL = 0.5

CUT = 5.0 FILL = 0.9

CUT = 5.9 FILL = 1.0

22+250

22+225

22+200

SPECIAL DITCH

SPECIAL DITCH

SPECIAL DITCH

EXISTING ROW
PROPOSED ROW

EXISTING ROW
PROPOSED ROW

EXISTING ROW
PROPOSED ROW

143.023
143.080

142.892
142.949

142.746
142.803

141.915

141.785

141.639

1:3

1:2

1:3

1:2

1:3

1:2

141.731

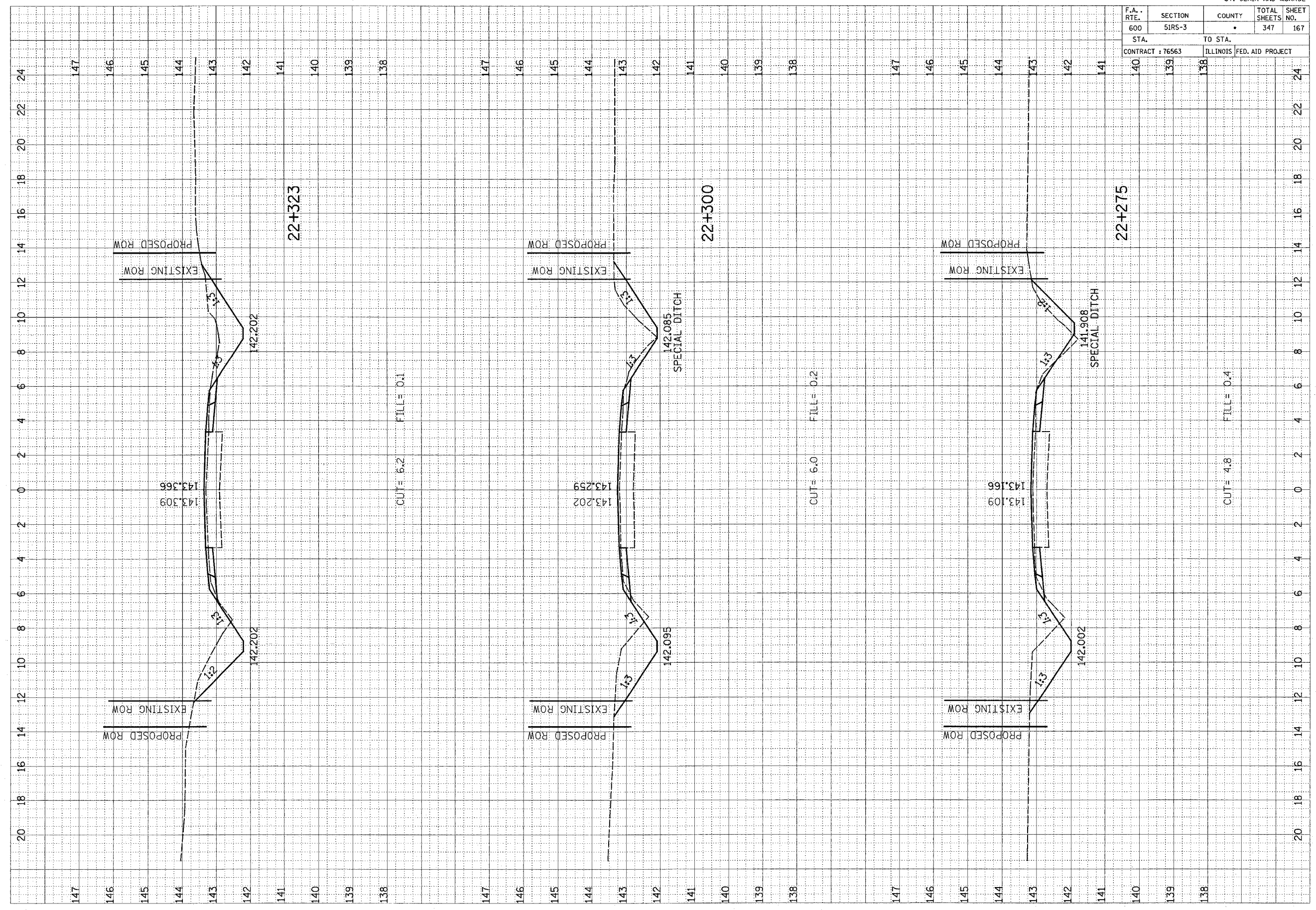
141.554

141.377

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
600	51RS-3	•	347	167
STA. 140		TO STA. 138		
CONTRACT : 76563			ILLINOIS FED. AID PROJECT	

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

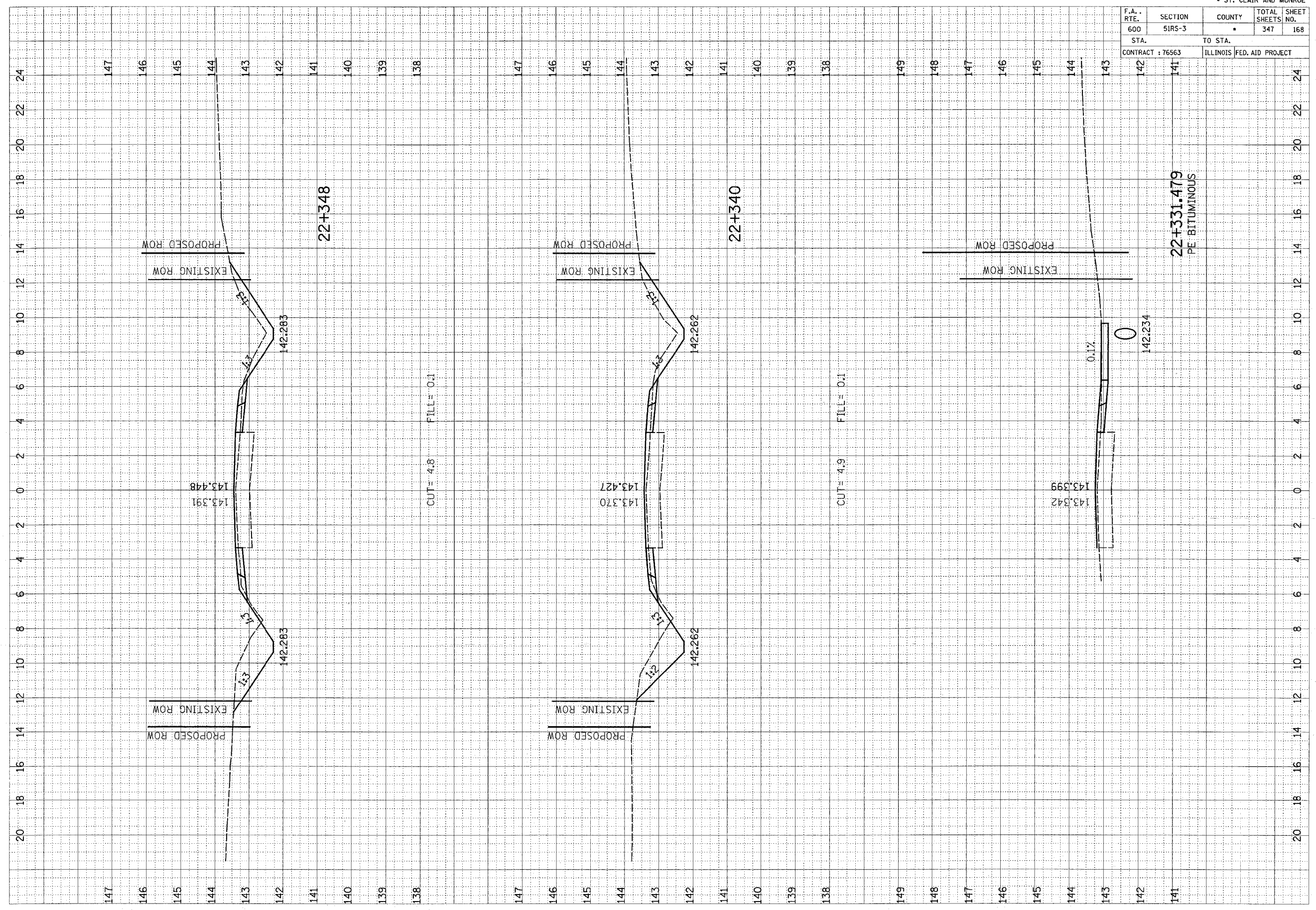
ORIGINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
NO.	TEMPLATE		
	AREAS CHECKED		



F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
600	51RS-3	•	347	168
STA. 142		TO STA. 141		
CONTRACT : 76563		ILLINOIS FED. AID PROJECT		

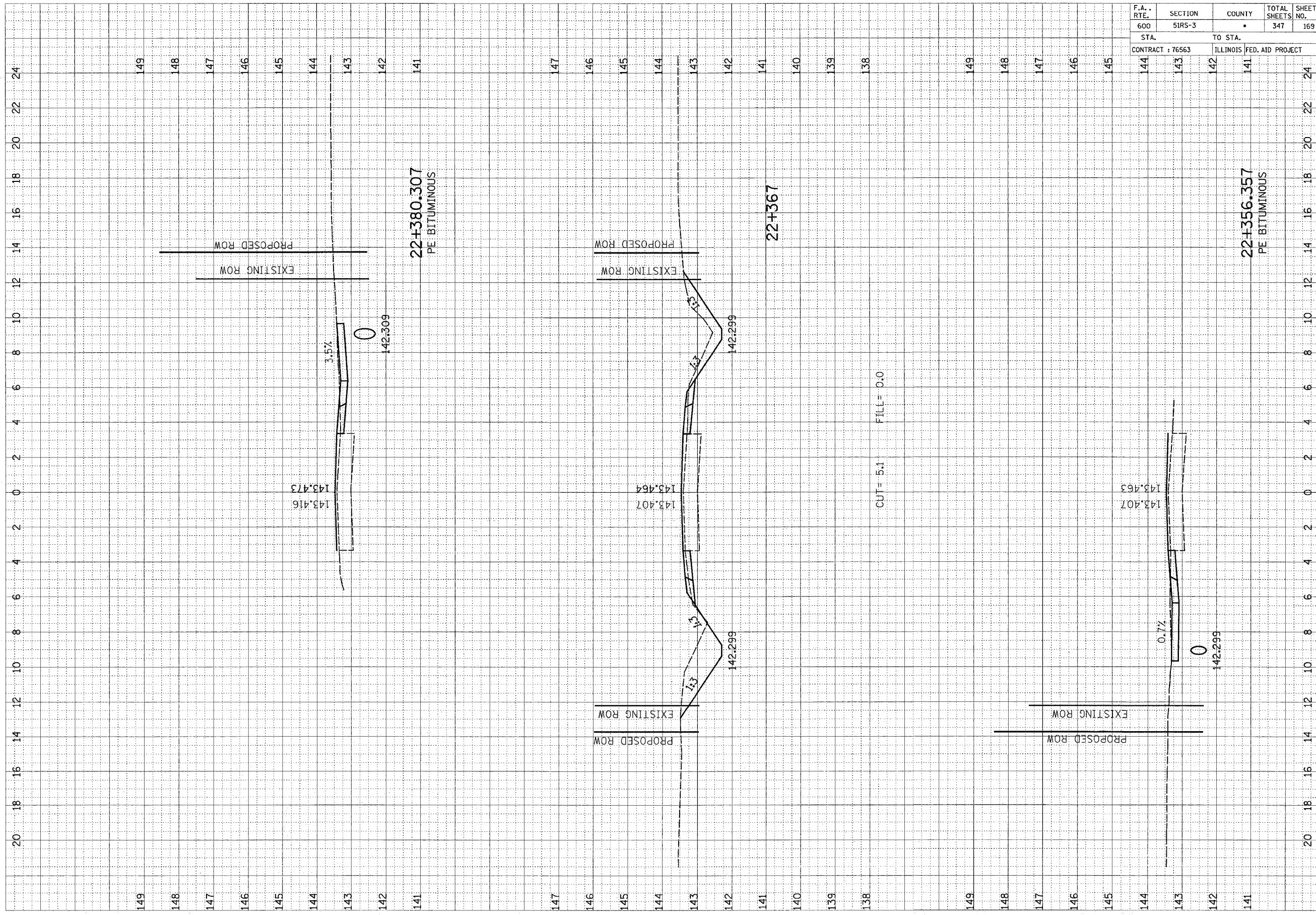
FINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK NO.	PLOTTED		
	APPROPRIATE		
	AREAS CHECKED		

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



22+331.479
PE BITUMINOUS

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
600	51RS-3	•	347	169
STA.		TO STA.		
CONTRACT : 76563		ILLINOIS FED. AID PROJECT		



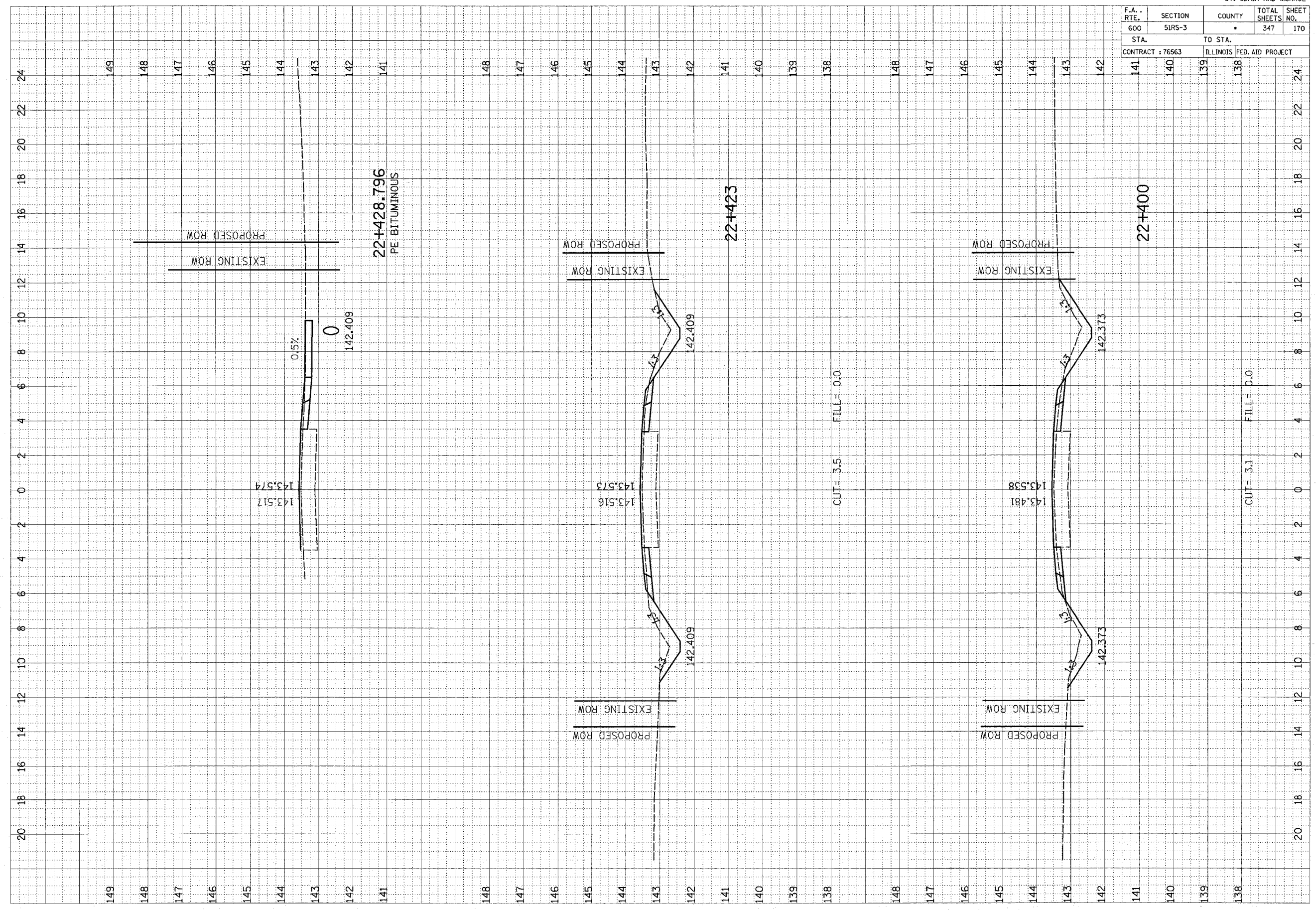
FINAL SURVEY	REVISIONS	DATE
NOTE BOOK	PLOTTED	BY
NO.	AREAS	
	TEMPLE	
	PLANS	
	CHECKED	

ORIGINAL SURVEY	REVISIONS	DATE
NOTE BOOK	PLOTTED	BY
NO.	AREAS	
	TEMPLE	
	PLANS	
	CHECKED	

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
600	51RS-3	•	347	170
STA. 141		TO STA. 138		
CONTRACT : 76563			ILLINOIS FED. AID PROJECT	

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

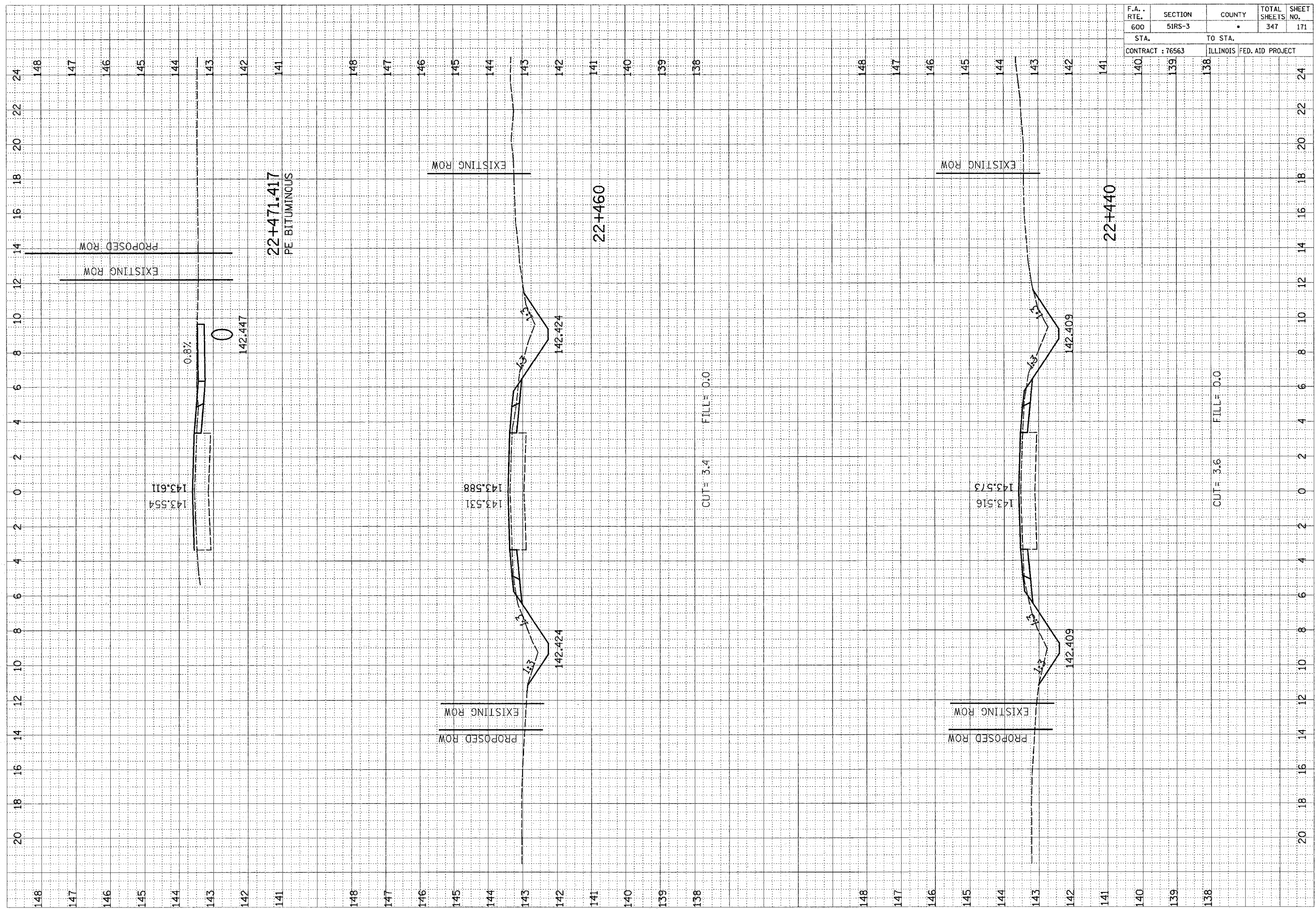
ORIGINAL SURVEY NO.	SURVEYED	DATE
NOTE BOOK	PLOTTED	BY
	REPLICATE	
	AREAS CHECKED	



F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
600	51RS-3	•	347	171
STA.		TO STA.		
CONTRACT : 76563		ILLINOIS FED. AID PROJECT		

FINAL SURVEY BY DATE
 SURVEY NO. _____
 CHECKED BY _____
 DATE _____

ORIGINAL SURVEY BY DATE
 SURVEY NO. _____
 CHECKED BY _____
 DATE _____



CUT = 3.6 FILL = 0.0

CUT = 3.4 FILL = 0.0

22+471.417
PE BITUMINOUS

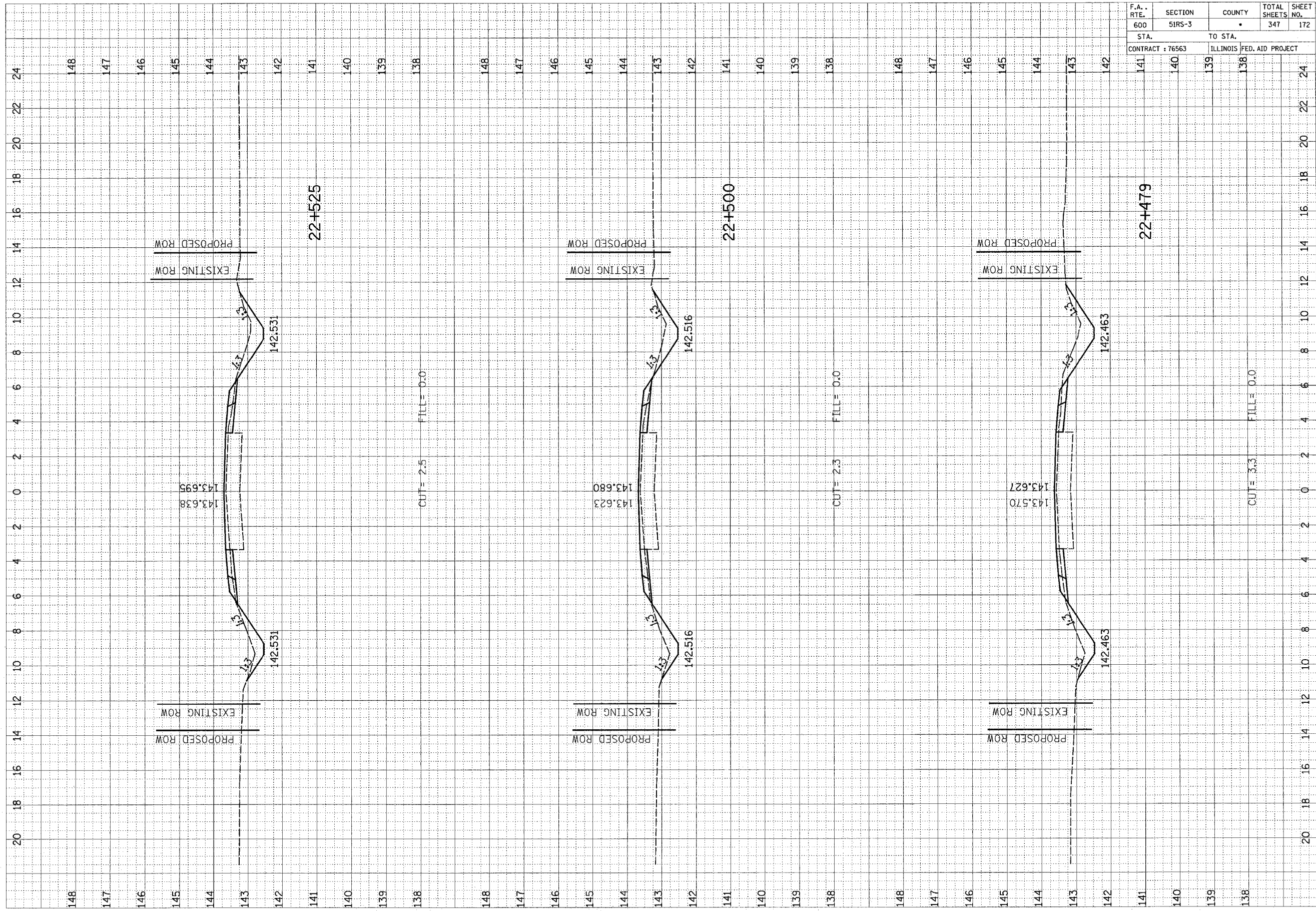
22+440

22+460

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
600	51RS-3		347	172
STA. 141		TO STA. 138		
CONTRACT : 76563			ILLINOIS FED. AID PROJECT	

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

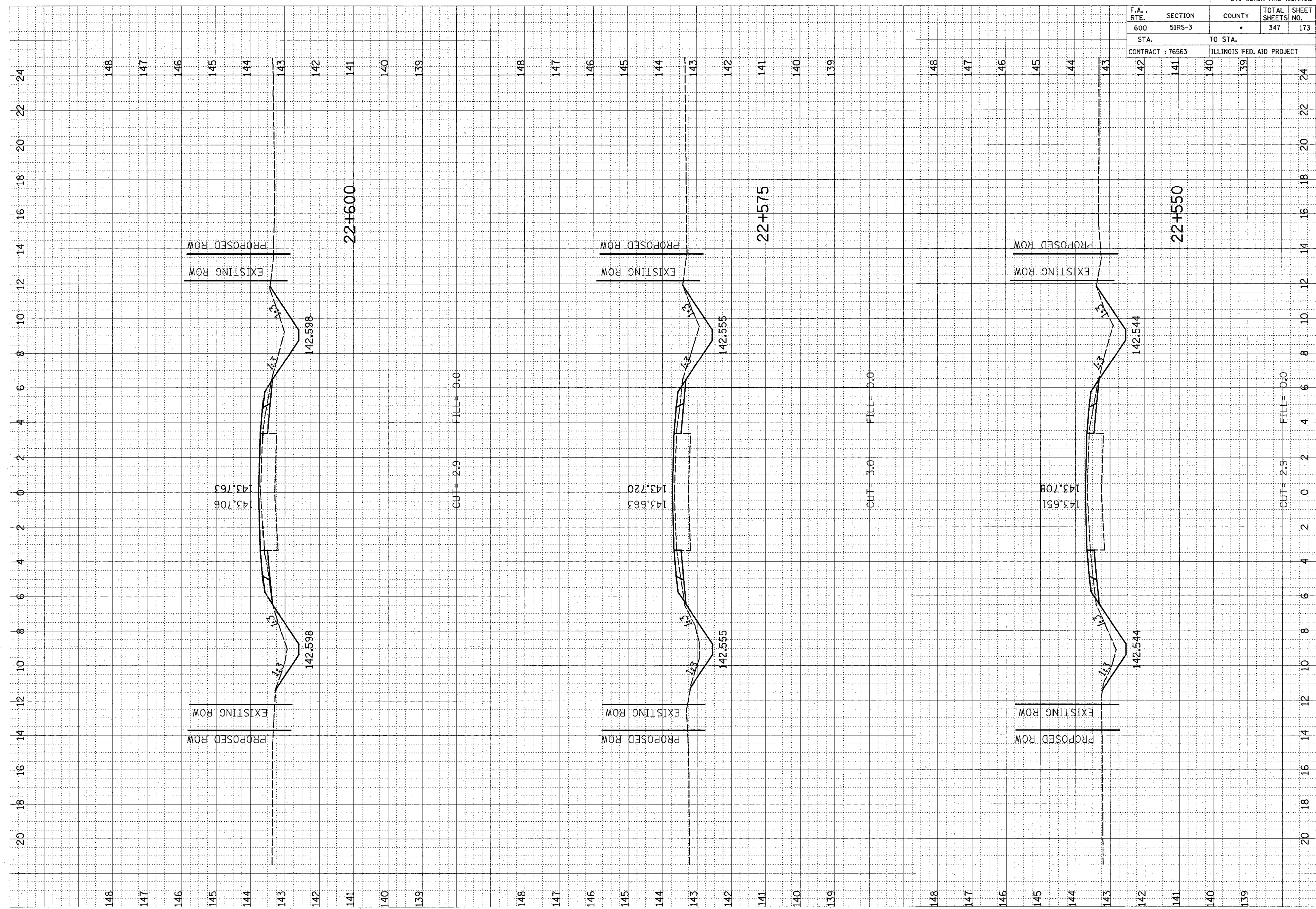
ORIGINAL SURVEY NO.	SURVEYED BY	DATE
NOTE BOOK NO.	PLOTTED BY	
	TEMPLATE NO.	
	AREAS CHECKED	



F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
600	51RS-3	•	347	173
STA. 142		TO STA. 140		
CONTRACT : 76563			ILLINOIS FED. AID PROJECT	

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

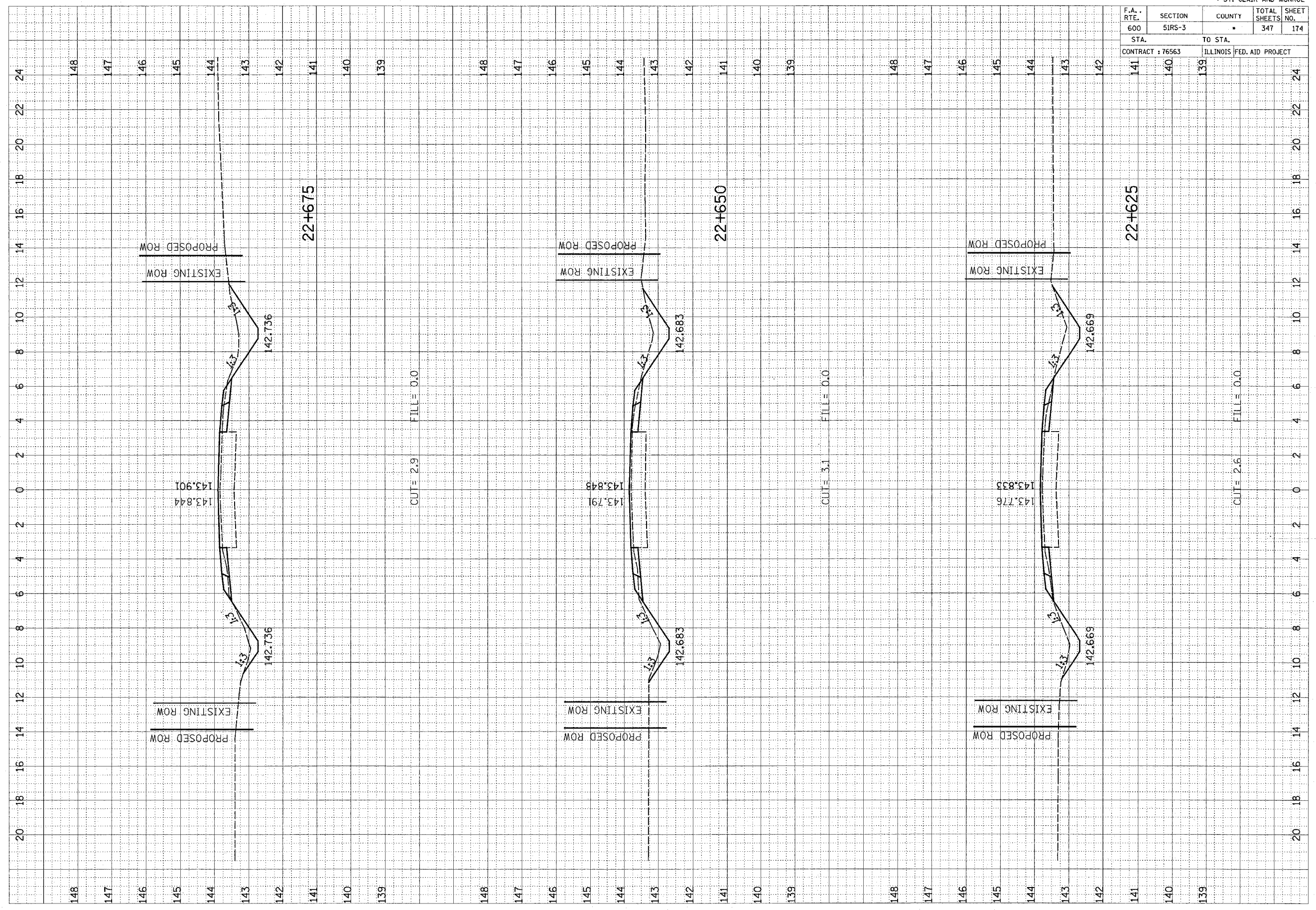
ORIGINAL SURVEY NO.	SUBMITTED DATE	BY	DATE
PLOTTED DATE	PLOTTED BY		
NOTE BOOK NO.	AREAS CHECKED		



F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
600	51RS-3	*	347	174
STA. 141		TO STA. 139		
CONTRACT : 76563			ILLINOIS FED. AID PROJECT	

FINAL SURVEY	SURVEYED	DATE
NOTE BOOK	PLOTTED	BY
AREAS CHECKED	AREAS CHECKED	

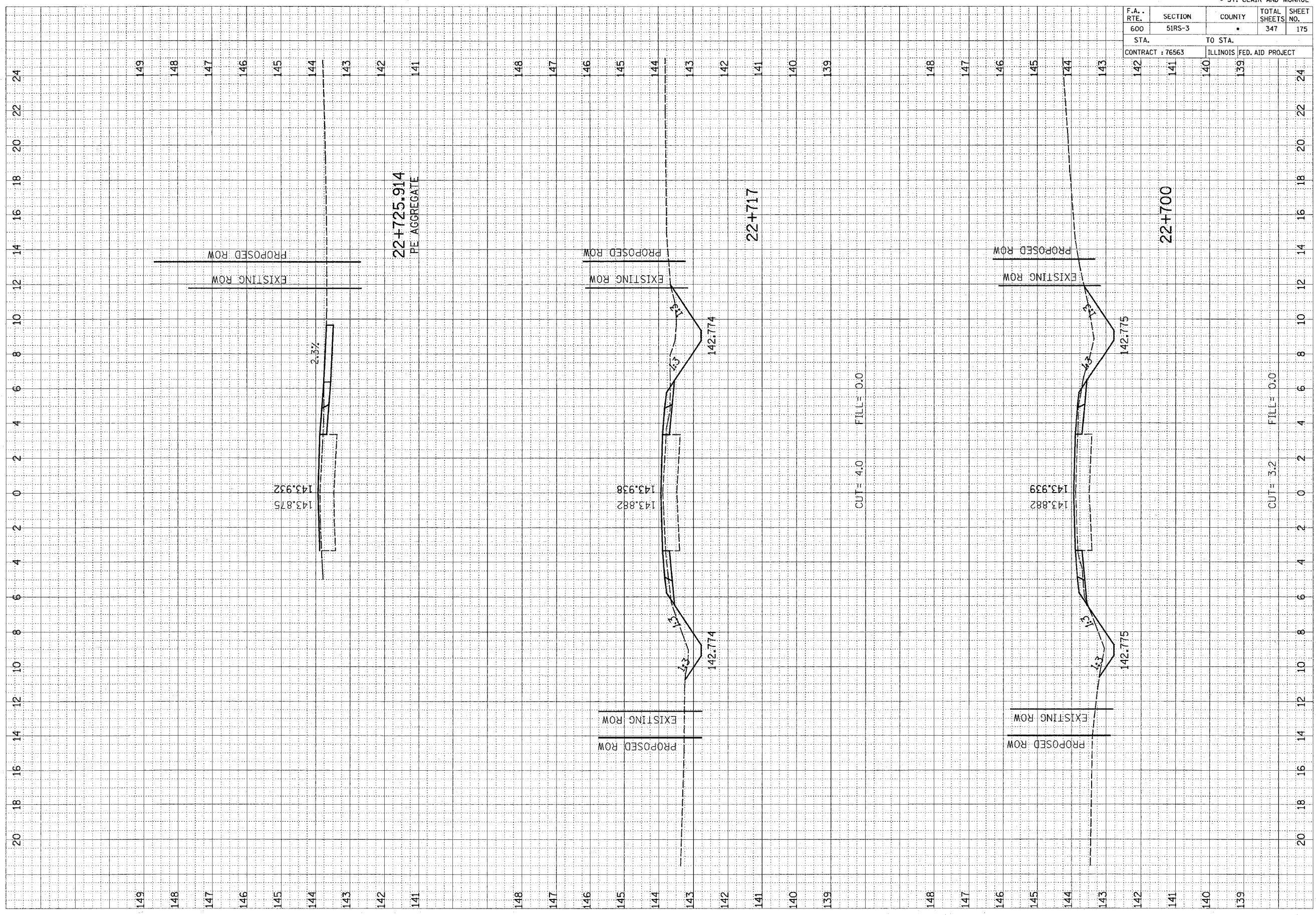
ORIGINAL SURVEY	SURVEYED	DATE
NOTE BOOK	PLOTTED	BY
AREAS CHECKED	AREAS CHECKED	



F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
600	51RS-3	•	347	175
STA.		TO STA.		
CONTRACT : 76563		ILLINOIS FED. AID PROJECT		

FINAL SURVEY	BY	DATE
NOTE BOOK		
AREAS		
CHECKED		

ORIGINAL SURVEY	BY	DATE
NOTE BOOK		
AREAS		
CHECKED		



CUT = 3.2 FILL = 0.0

CUT = 4.0 FILL = 0.0

22+725.914
PE AGGREGATE

22+700

22+717

149
148
147
146
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142
141

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142
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139

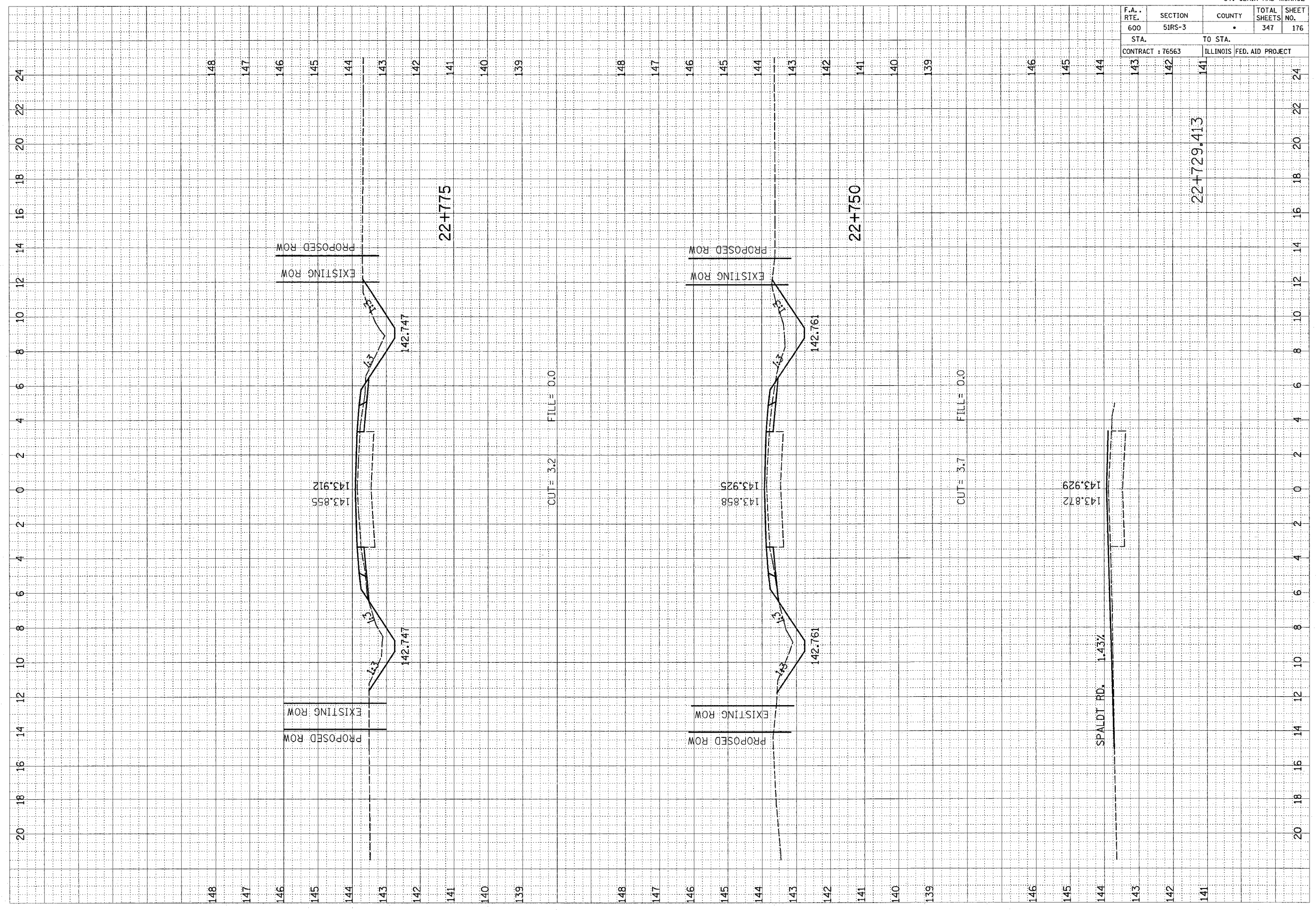
24
22
20

20
18
16
14
12
10
8
6
4
2
0

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
600	51RS-3		347	176
STA. 143		TO STA. 141		
CONTRACT : 76563			ILLINOIS FED. AID PROJECT	

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

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



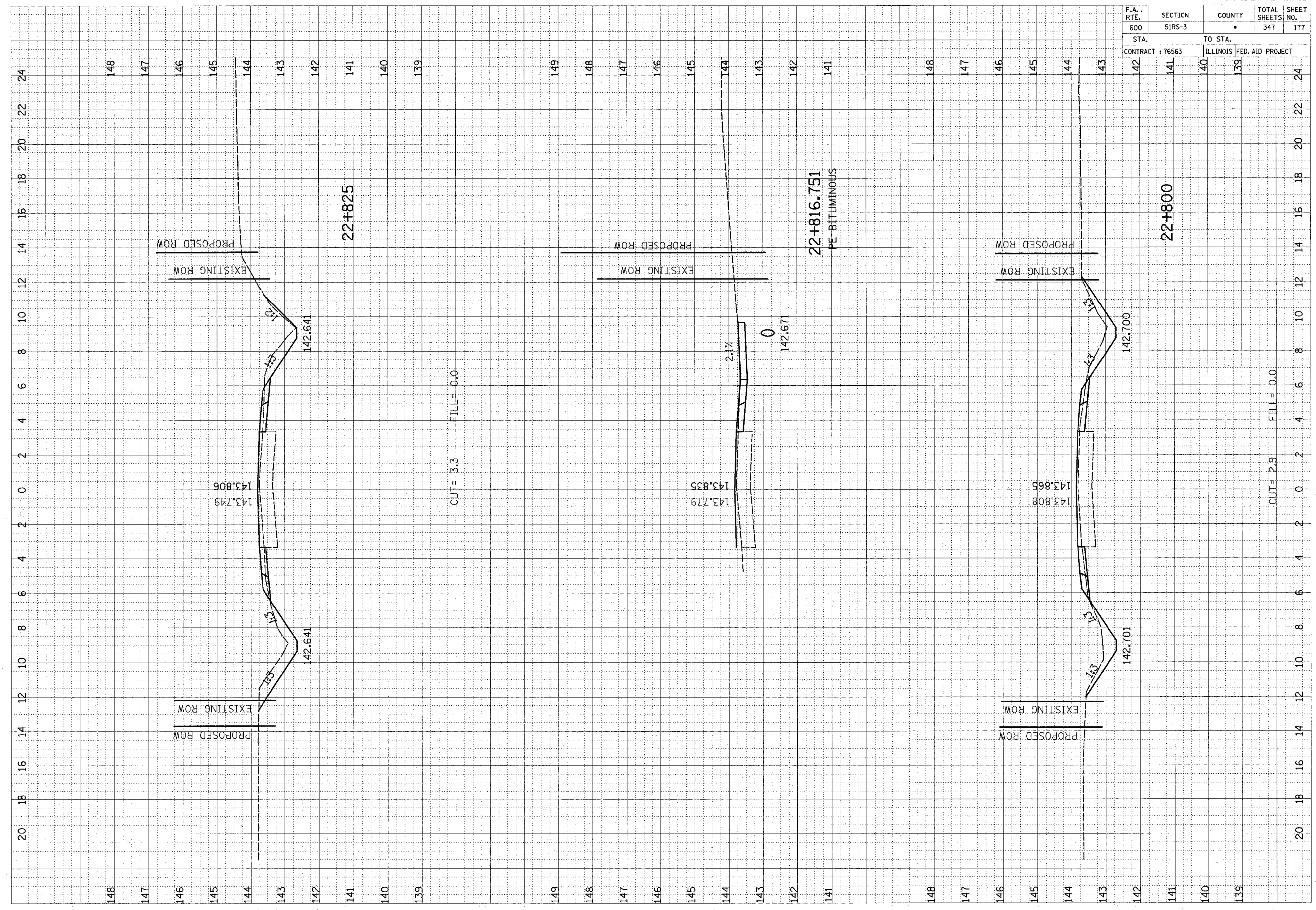
22+729.413

SPALDIT RD. 1.43%

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
600	51RS-3	•	347	177
STA. 142		TO STA. 140		139
CONTRACT : 76563			ILLINOIS FED. AID PROJECT	

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

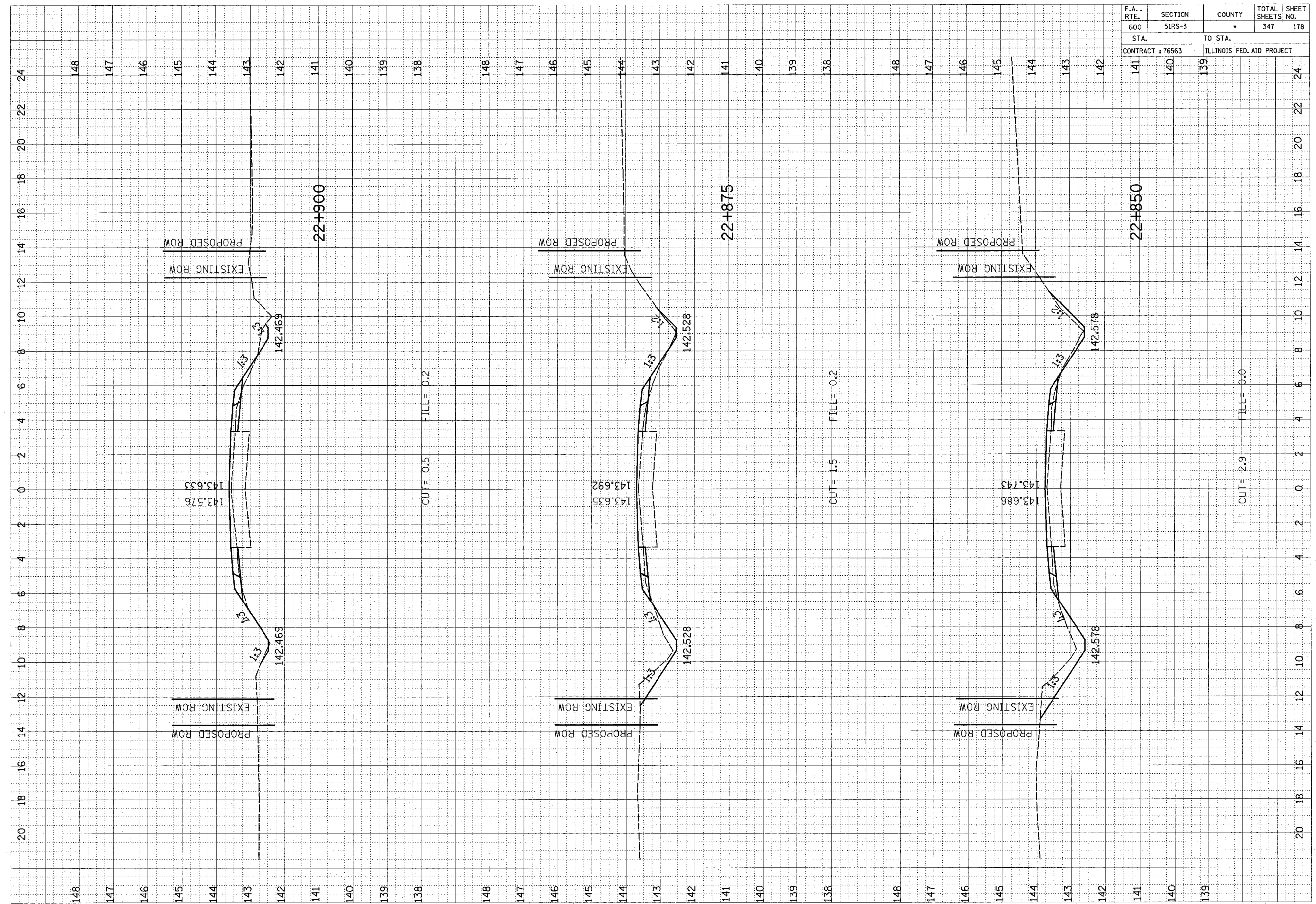
ORIGINAL SURVEY	SUBMITTED	DATE
NOTE BOOK	PLOTTED	BY
NO.	TEMPLATE	
	AREAS CHECKED	



F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
600	51RS-3	•	347	178
STA. 141		TO STA. 139		
CONTRACT : 76563			ILLINOIS FED. AID PROJECT	

FINAL SURVEY NO.	SUBJECT	DATE

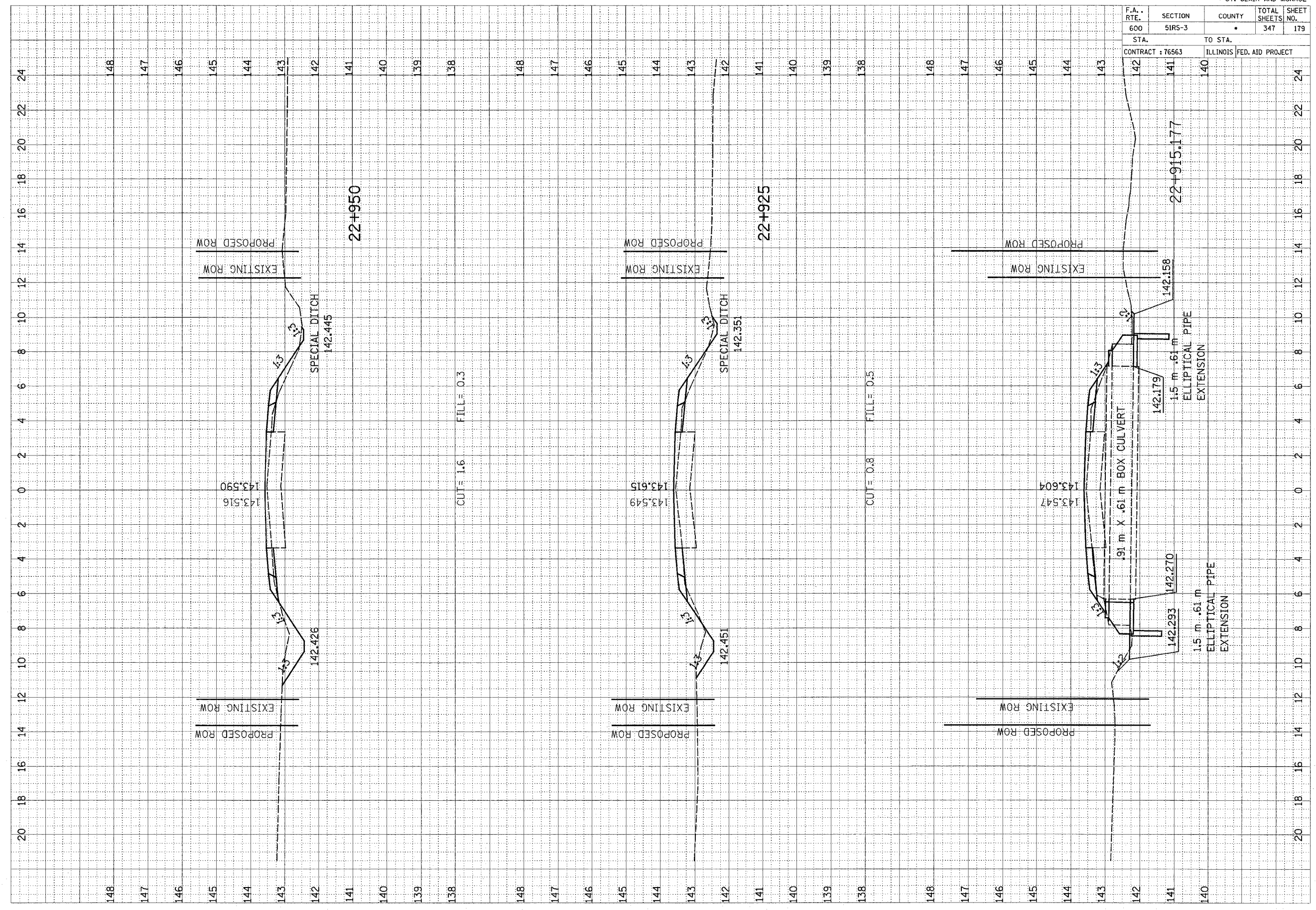
ORIGINAL SURVEY NO.	DATE



F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
600	51R5-3	•	347	179
STA. 142		TO STA. 140		
CONTRACT : 76563			ILLINOIS FED. AID PROJECT	

FINAL SURVEY	DATE
BY	
NO.	
AREAS CHECKED	
TEMPERATURE	
PLOTTED	
REPLATE	
NO.	
NO.	

ORIGINAL SURVEY	DATE
BY	
NO.	
AREAS CHECKED	
TEMPERATURE	
PLOTTED	
REPLATE	
NO.	
NO.	



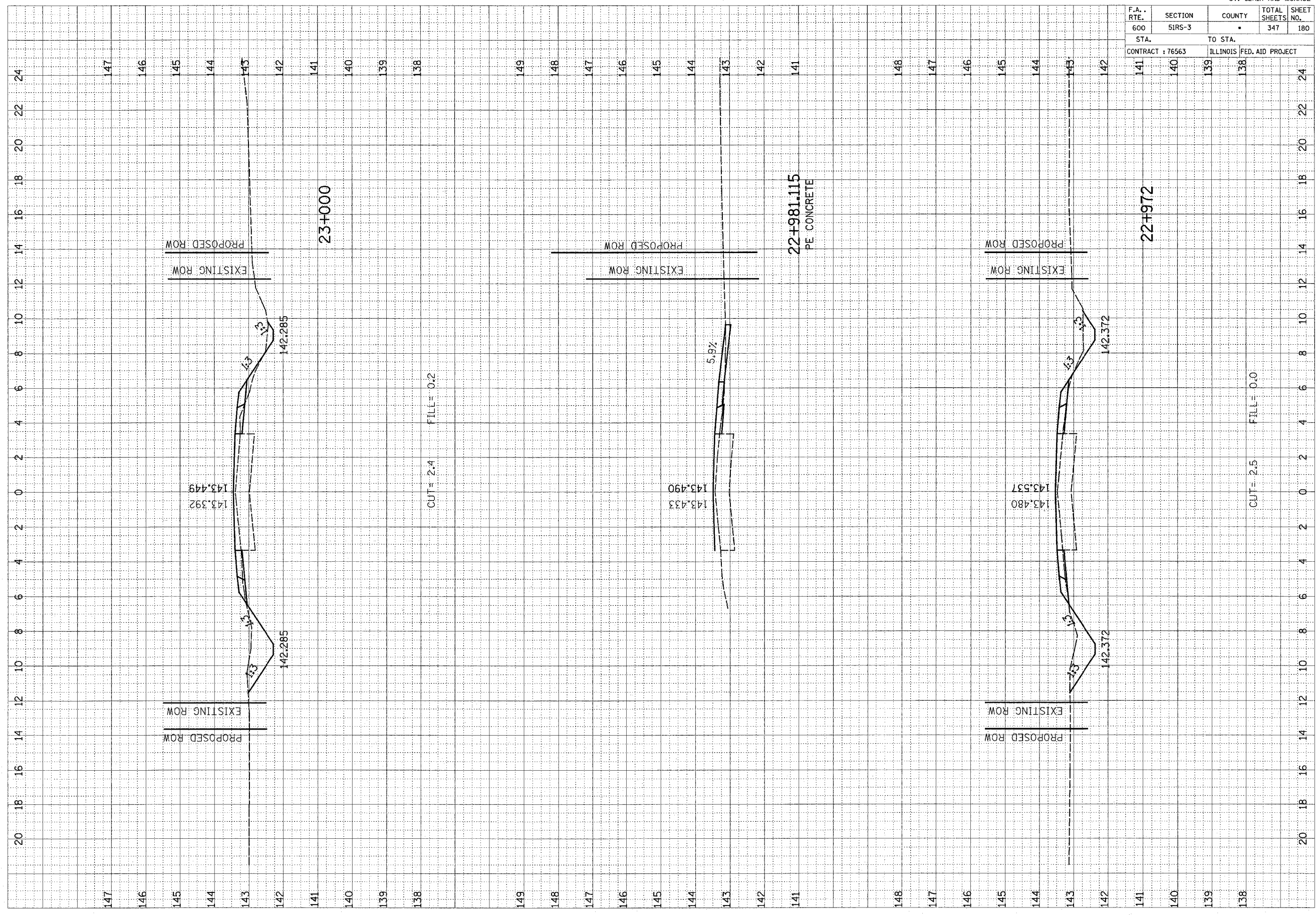
20 18 16 14 12 10 8 6 4 2 0 2 4 6 8 10 12 14 16 18 20 22 24

148 147 146 145 144 143 142 141 140 139 138 148 147 146 145 144 143 142 141 140 139 138 148 147 146 145 144 143 142 141 140 139 138 148 147 146 145 144 143 142 141 140

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
600	5IRS-3	*	347	180
STA. 141		TO STA. 140		
CONTRACT : 76563		ILLINOIS		FED. AID PROJECT

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

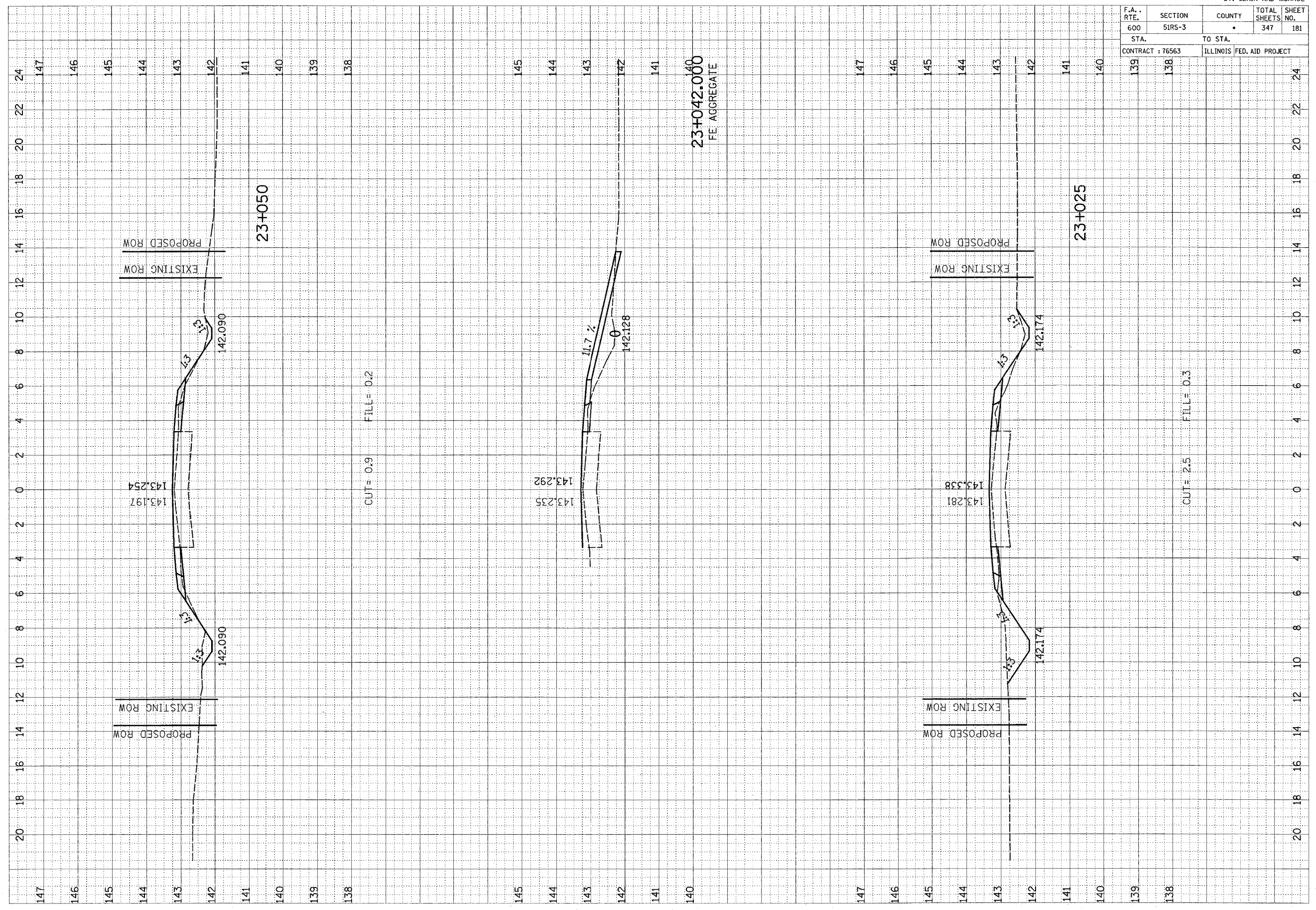
ORIGINAL SURVEY
 SURVEYED BY: _____
 PLOTTED BY: _____
 NOTE BOOK NO. _____
 AREAS DATE _____
 AREAS CHECKED _____



F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
600	51RS-3	*	347	181
STA. 139		TO STA. 138		
CONTRACT : 76563			ILLINOIS FED. AID PROJECT	

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

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



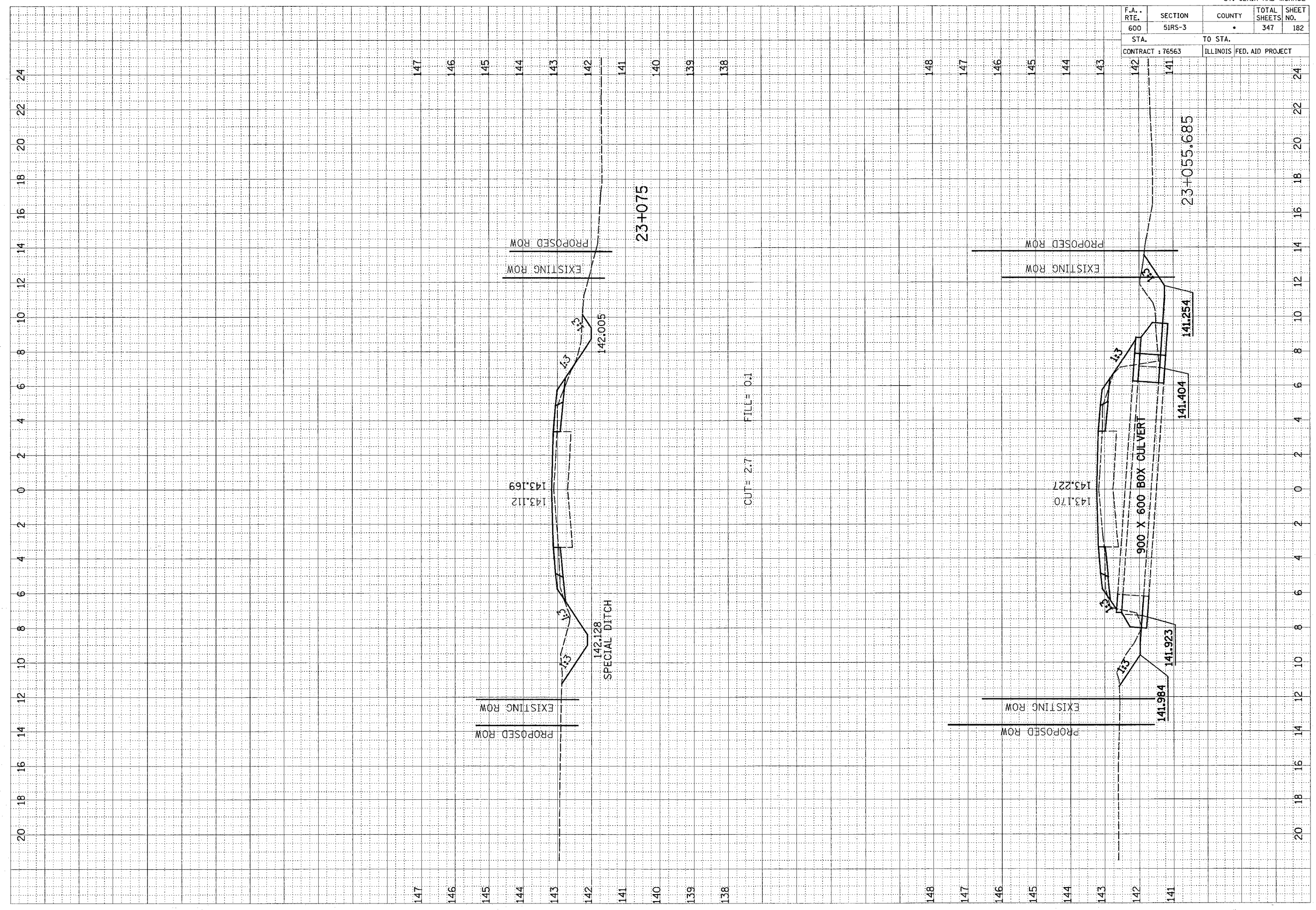
20 18 16 14 12 10 8 6 4 2 0 2 4 6 8 10 12 14 16 18 20 22 24

147 146 145 144 143 142 141 140 139 138 145 144 143 142 141 140 139 138 147 146 145 144 143 142 141 140 139 138

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
600	51RS-3	•	347	182
STA. 142		TO STA. 141		
CONTRACT : 76563		ILLINOIS FED. AID PROJECT		

FINAL SURVEY	SUBMITTED	DATE
NOTE BOOK NO.	PLOTTED	BY
	REPLICATE	
	AREAS CHECKED	

ORIGINAL SURVEY	SUBMITTED	DATE
NOTE BOOK NO.	PLOTTED	BY
	REPLICATE	
	AREAS CHECKED	

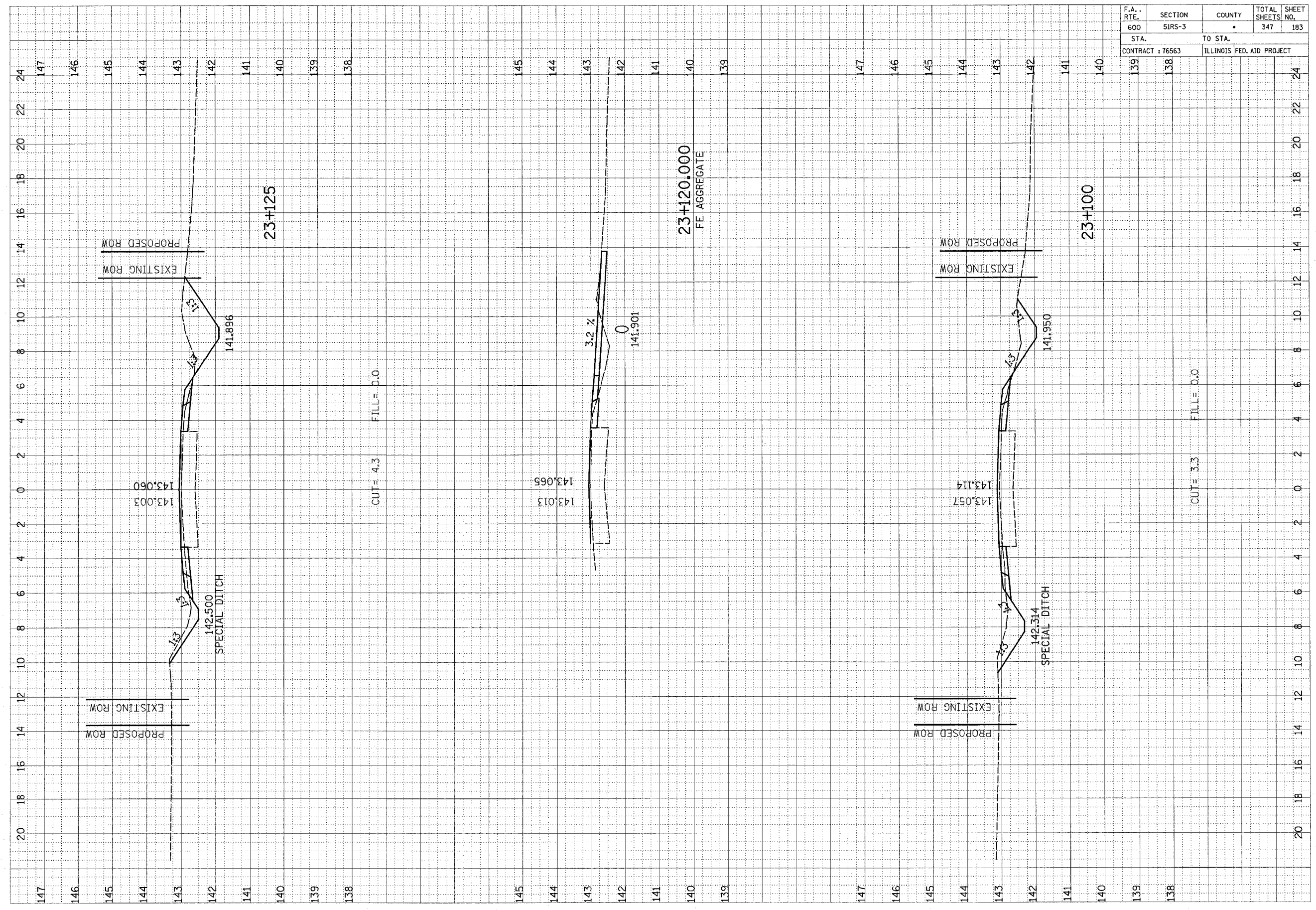


F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
600	51RS-3	•	347	182
STA. 142		TO STA. 141		
CONTRACT : 76563		ILLINOIS FED. AID PROJECT		

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
600	5IRS-3	•	347	183
STA. 139		TO STA. 138		24
CONTRACT : 76563			ILLINOIS FED. AID PROJECT	

FINAL SURVEY	DATE
BY	

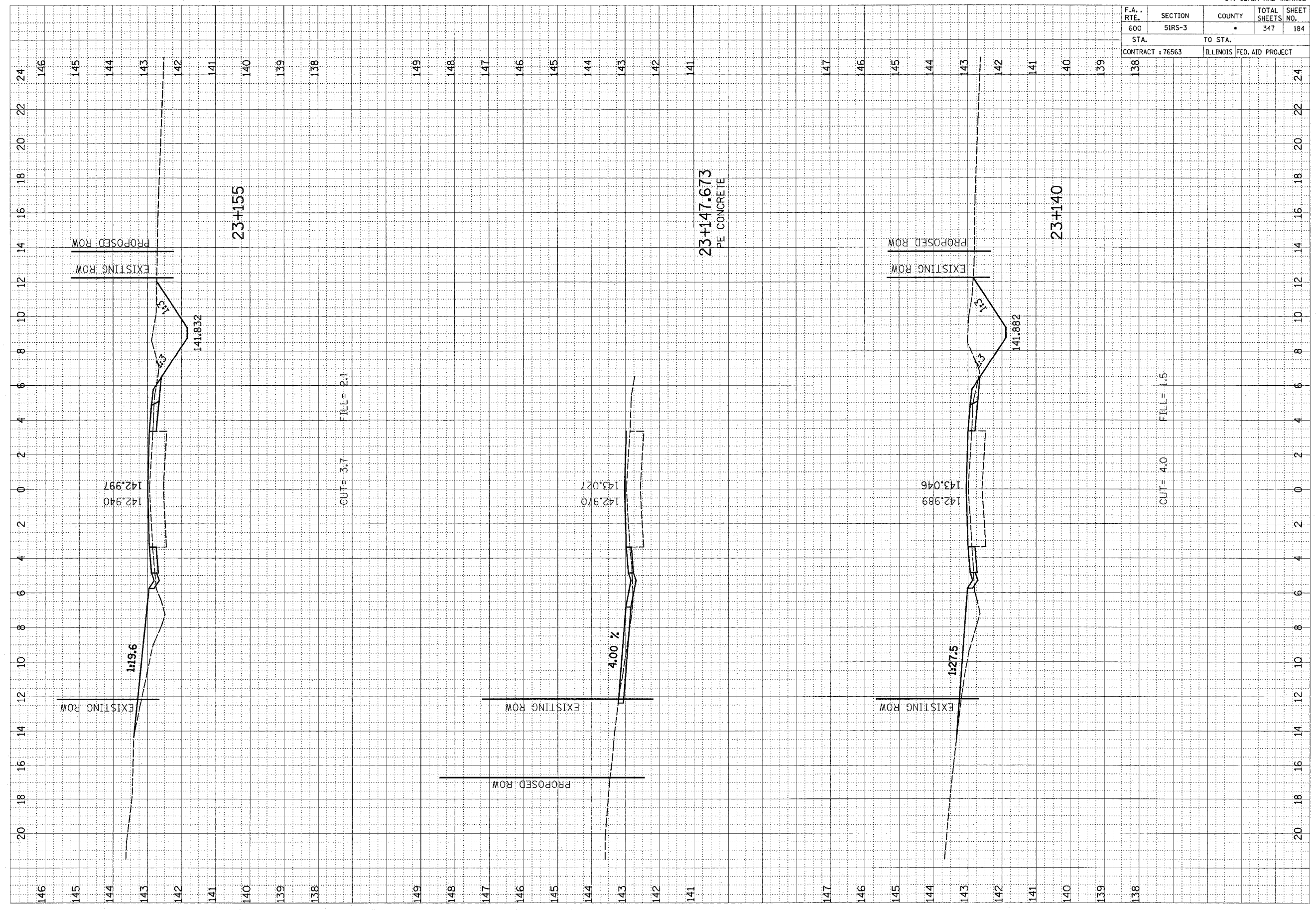
ORIGINAL SURVEY	DATE
BY	



F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
600	SIRS-3	•	347	184
STA. 138		TO STA. 146		
CONTRACT : 76563		ILLINOIS FED. AID PROJECT		

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

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



146
145
144
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142
141
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139
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20
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16
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12
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4
2
0
2
4
6
8
10
12
14
16
18
20

23+155

23+147.673
PE CONCRETE

23+140

CUT = 3.7 FILL = 2.1

CUT = 4.0 FILL = 1.5

1:19.6

4.00 %

1:27.5

EXISTING ROW
PROPOSED ROW

EXISTING ROW
PROPOSED ROW

EXISTING ROW
PROPOSED ROW

142.940
142.997

142.970
143.027

142.989
143.046

141.832

141.882

1:3

1:3

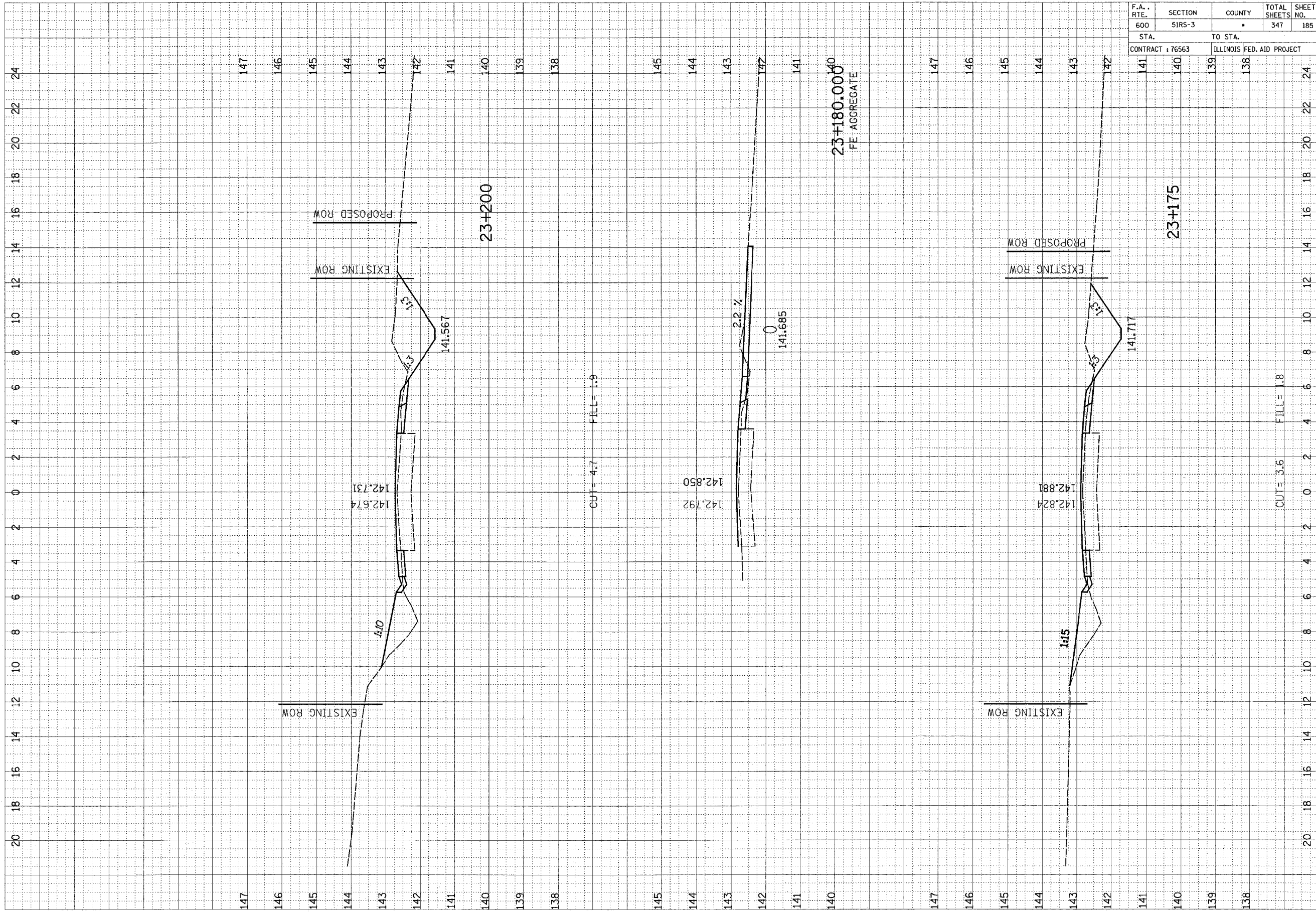
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
600	51RS-3	•	347	185

STA.	TO STA.
CONTRACT : 76563	ILLINOIS FED. AID PROJECT

141	140	139	138	24
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FINAL SURVEY NO.	REWORKED SURVEY NO.	DATE

ORIGINAL SURVEY NO.	REWORKED SURVEY NO.	DATE



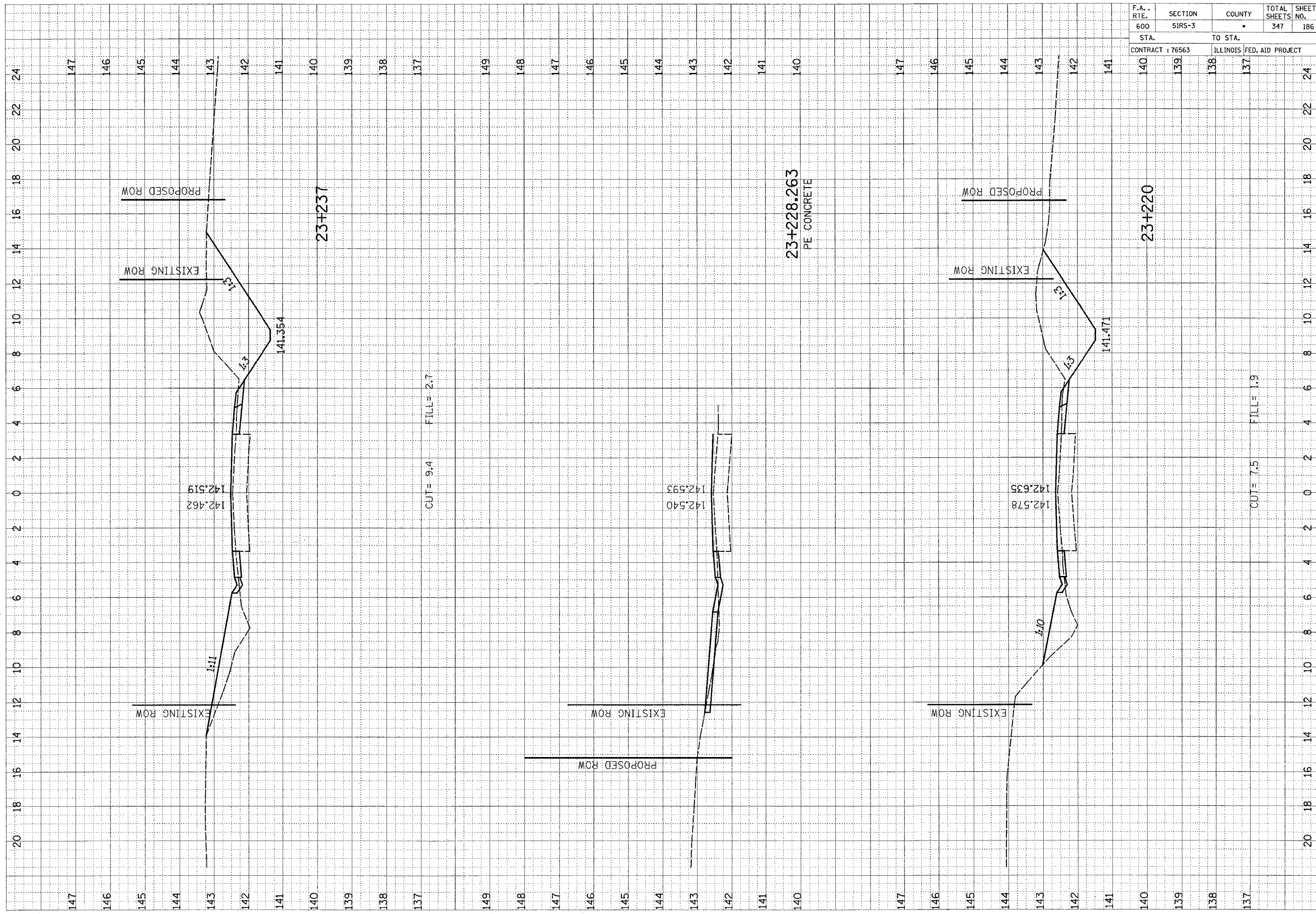
CUT = 3.6 FILL = 1.8

20	18	16	14	12	10	8	6	4	2	0	2	4	6	8	10	12	14	16	18	20	22	24
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F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
600	51RS-3	•	347	186
STA.		TO STA.		
CONTRACT : 76563		ILLINOIS	FED. AID PROJECT	

FINAL SURVEY NO.	DATE
BY	
REVISIONS	
PLOTTED	
TEMPLATE	
AREAS CHECKED	

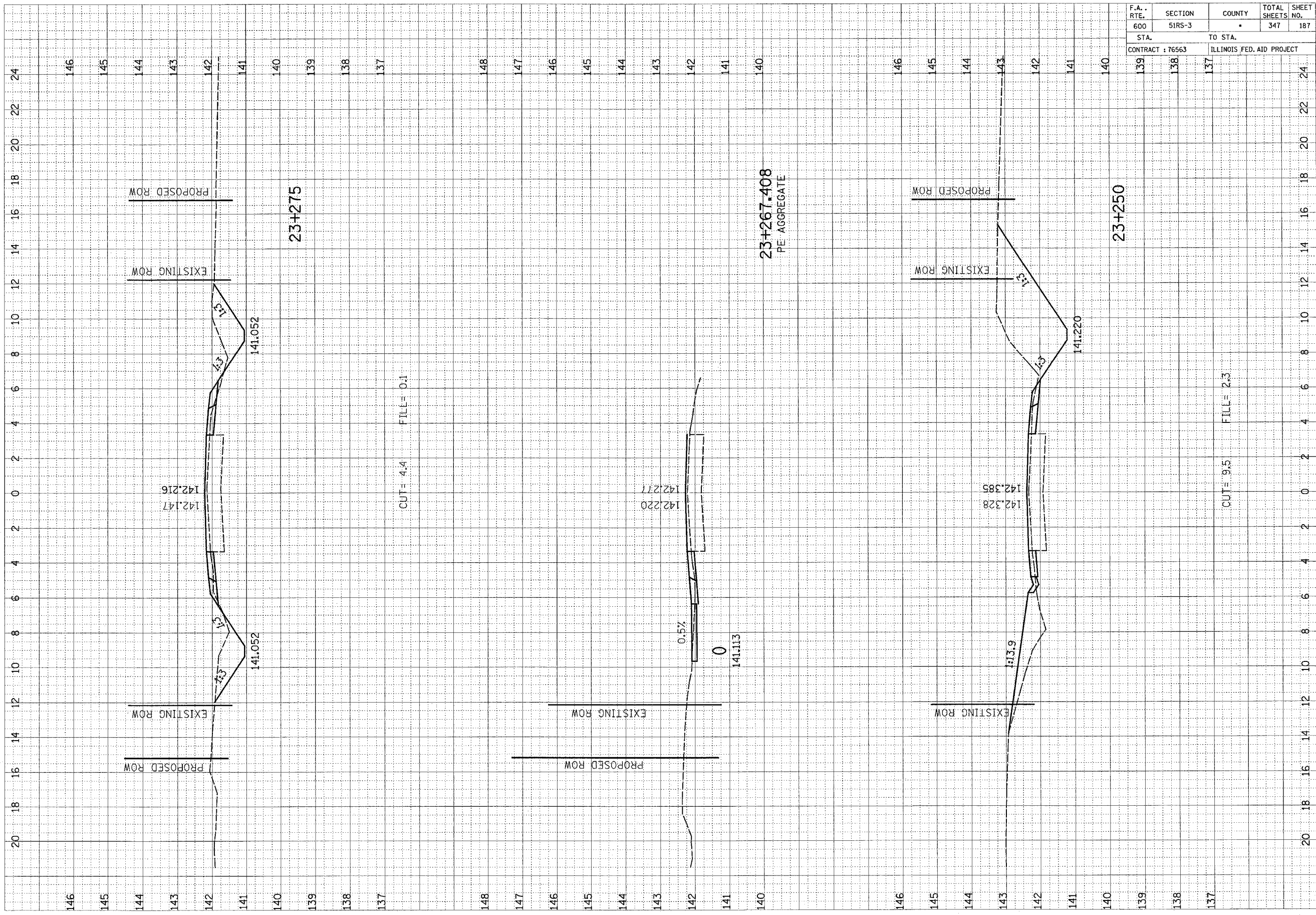
ORIGINAL SURVEY NO.	DATE
BY	
REVISIONS	
PLOTTED	
TEMPLATE	
AREAS CHECKED	



F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
600	51RS-3	•	347	187
STA. 139		TO STA. 137		24
CONTRACT : 76563 ILLINOIS FED. AID PROJECT				

FINAL SURVEY	REVISIONS	BY	DATE
NOTE BOOK	PLOTTED		
NO.	TEMP. AREAS CHECKED		

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



24
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18
16
14
12
10
8
6
4
2
0
2
4
6
8
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20

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138
137

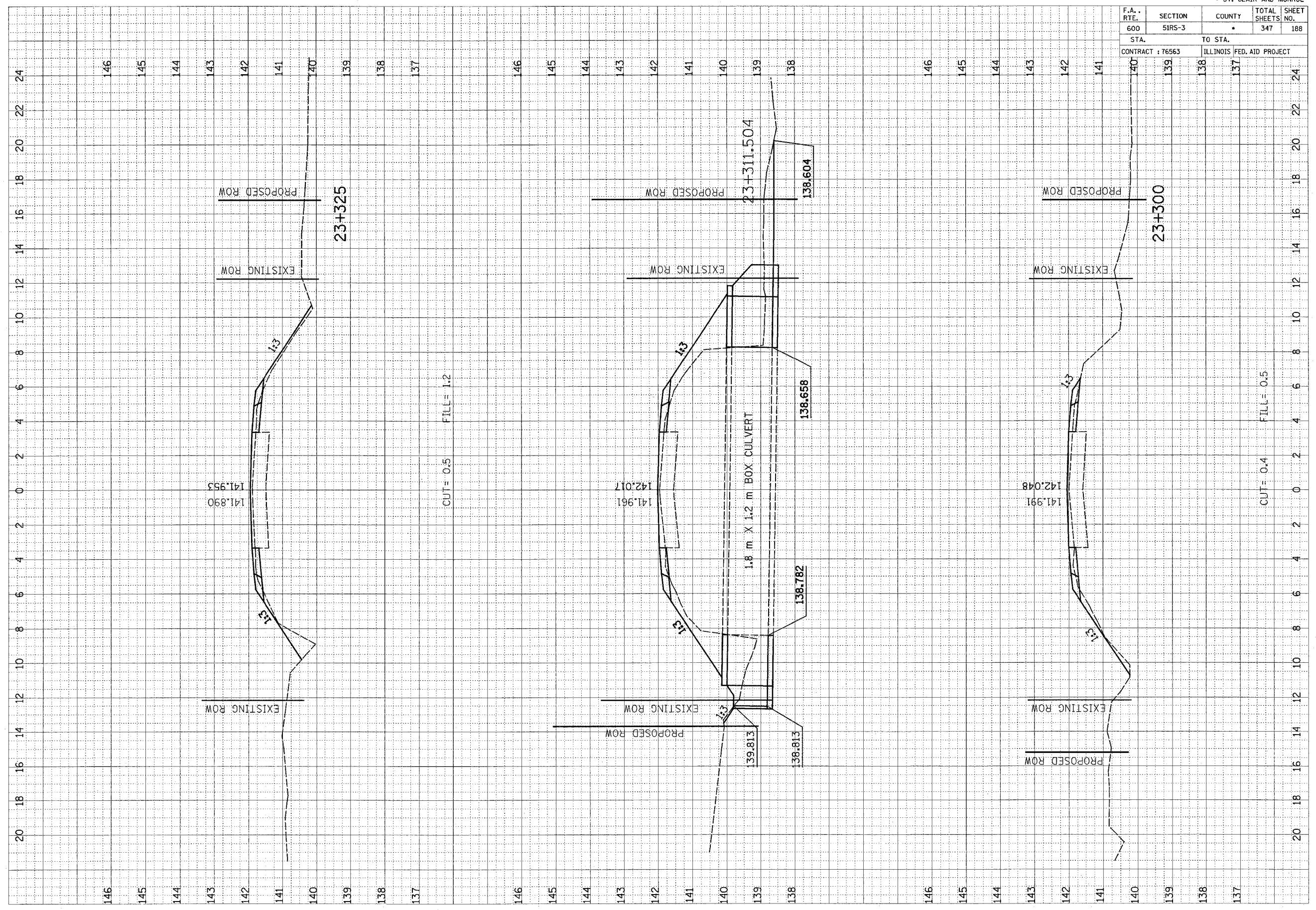
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141
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146
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143
142
141
140
139
138
137

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
600	51RS-3	*	347	188
STA. 600		TO STA. 137		
CONTRACT : 76563 ILLINOIS FED. AID PROJECT				

FINAL SURVEY	DATE
BY	
NO. _____	
AREAS CHECKED	

ORIGINAL SURVEY	DATE
BY	
NO. _____	
AREAS CHECKED	

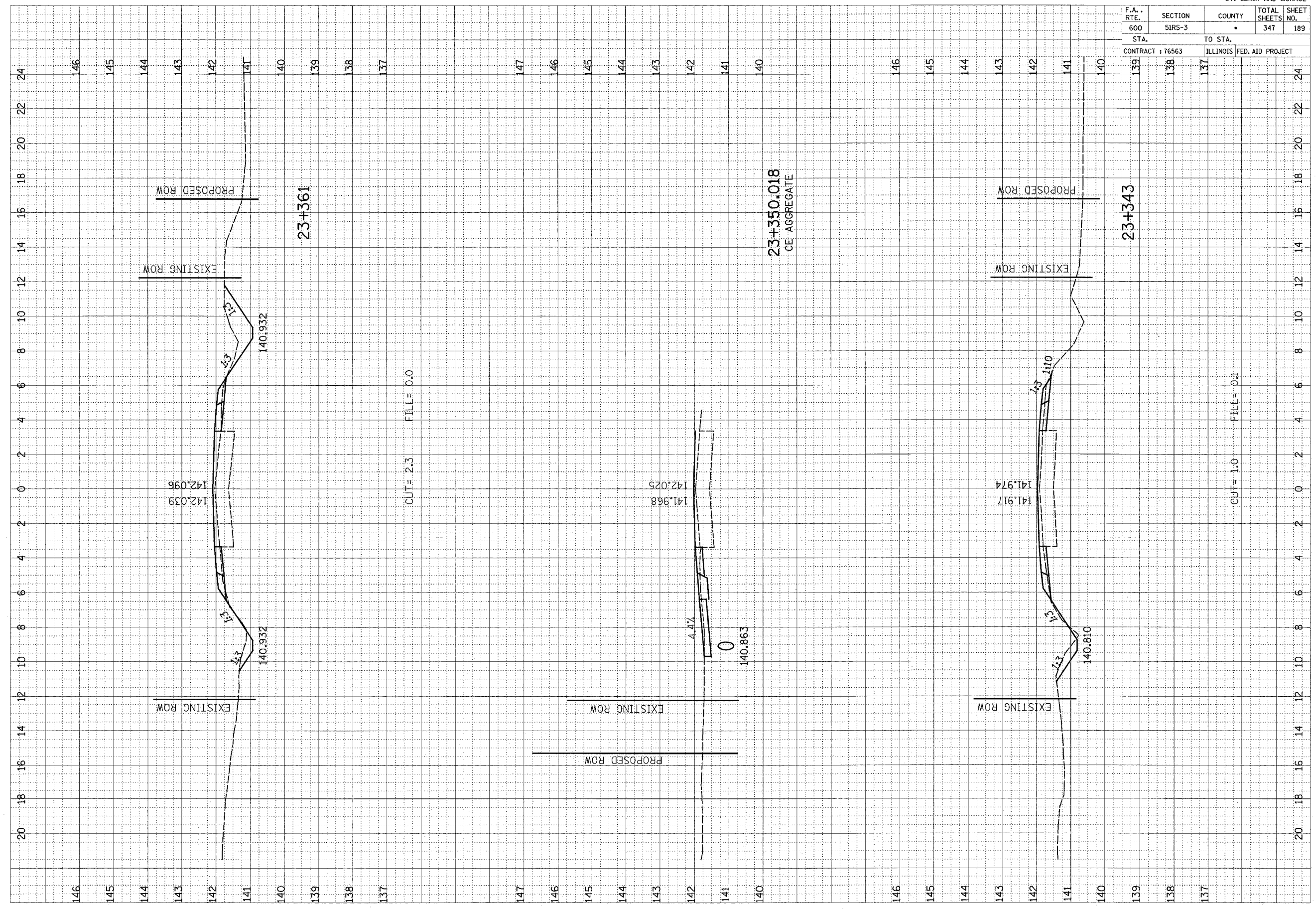


CUT = 0.4 FILL = 0.5

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
600	51RS-3	•	347	189
STA. 139		TO STA. 137		24
CONTRACT : 76563			ILLINOIS FED. AID PROJECT	

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

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



CUT = 1.0 FILL = 0.1

CUT = 2.3 FILL = 0.0

23+350.018
CE AGGREGATE

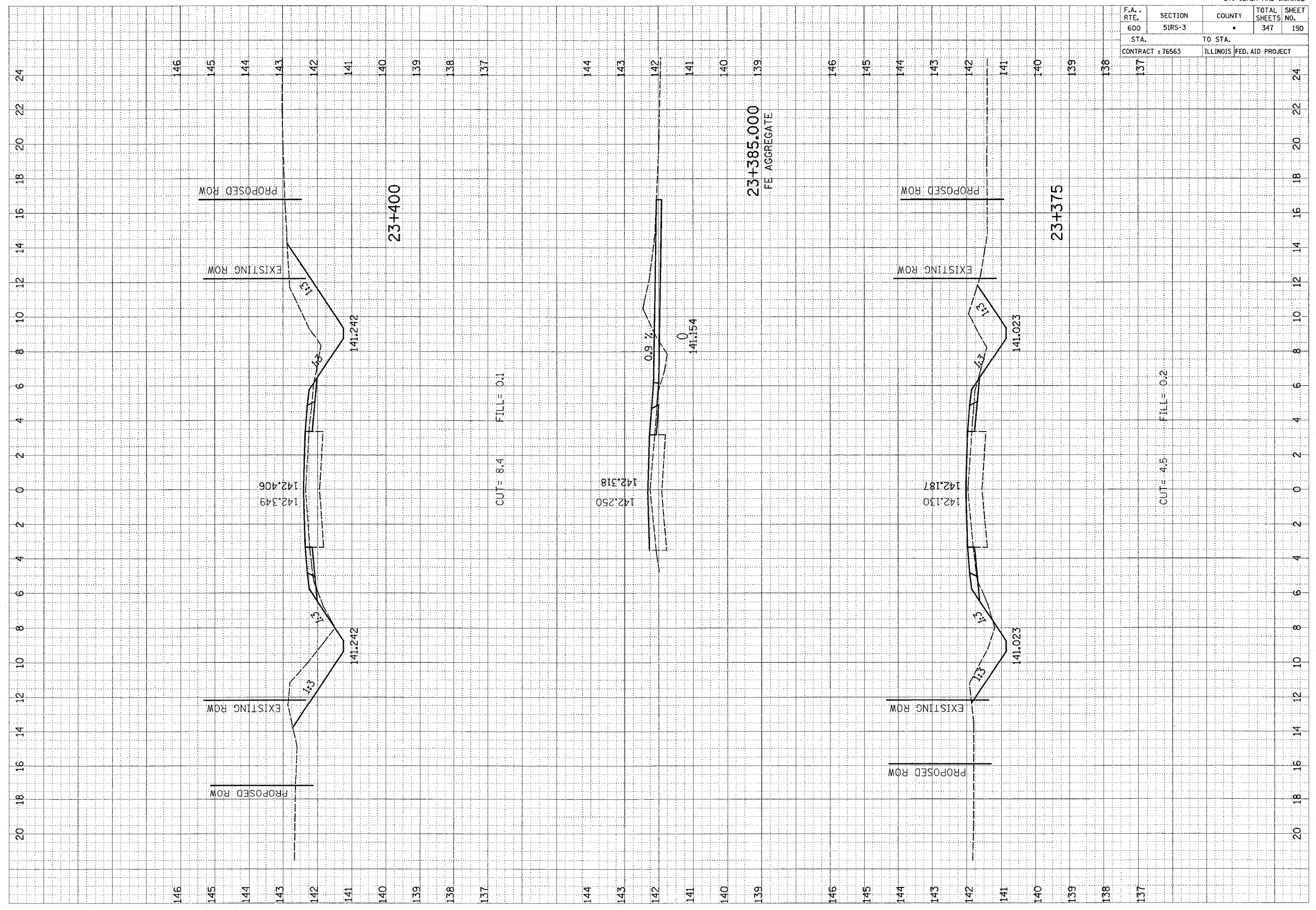
23+361

23+343

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
600	51RS-3	•	347	190
STA. 600		TO STA. 600		
CONTRACT : 76563		ILLINOIS FED. AID PROJECT		

FINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
AREAS	CHECKED		

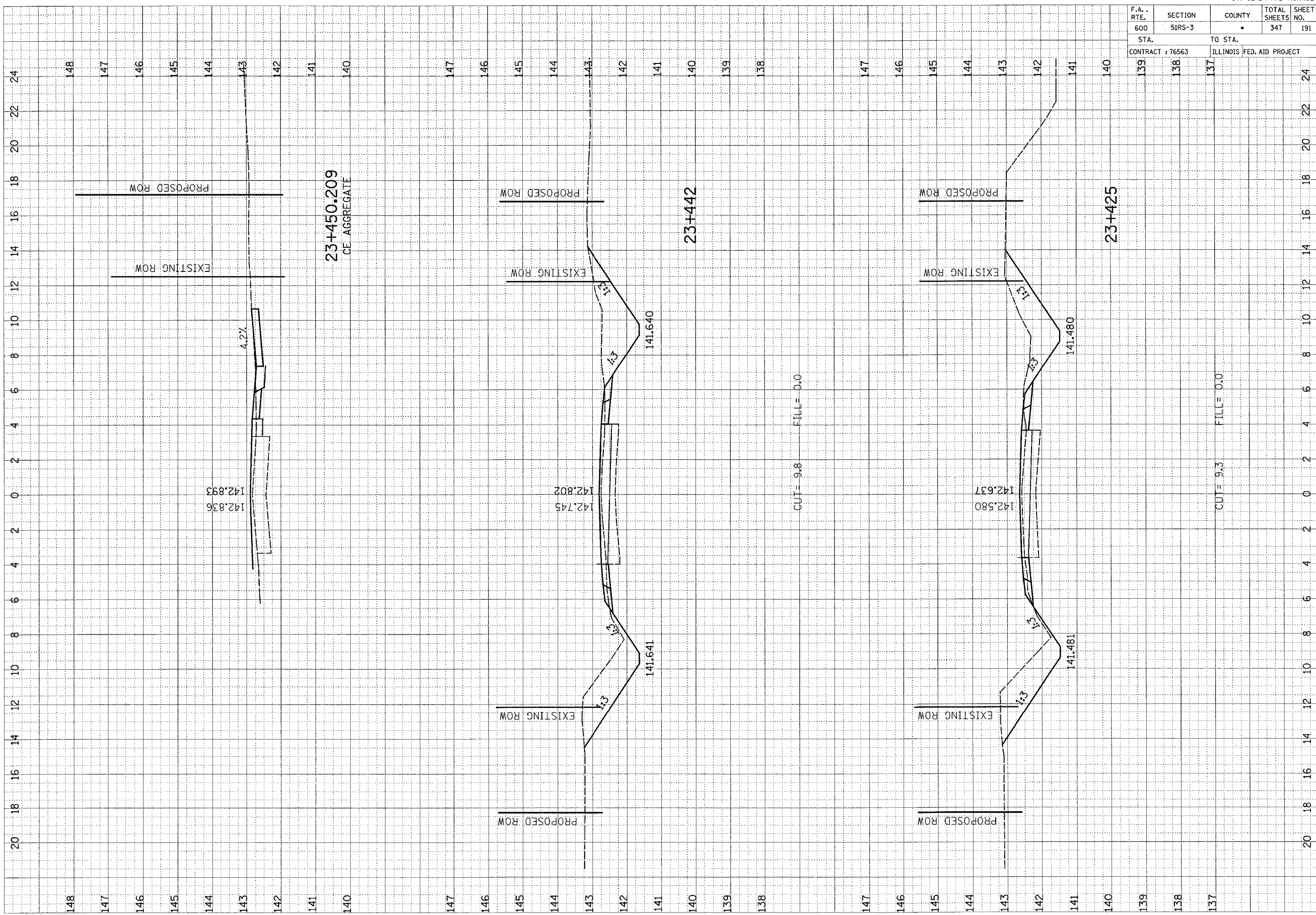
ORIGINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
AREAS	CHECKED		



F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
600	51RS-3	•	347	191
STA. 139		TO STA. 137		24
CONTRACT : 76563			ILLINOIS FED. AID PROJECT	

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

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



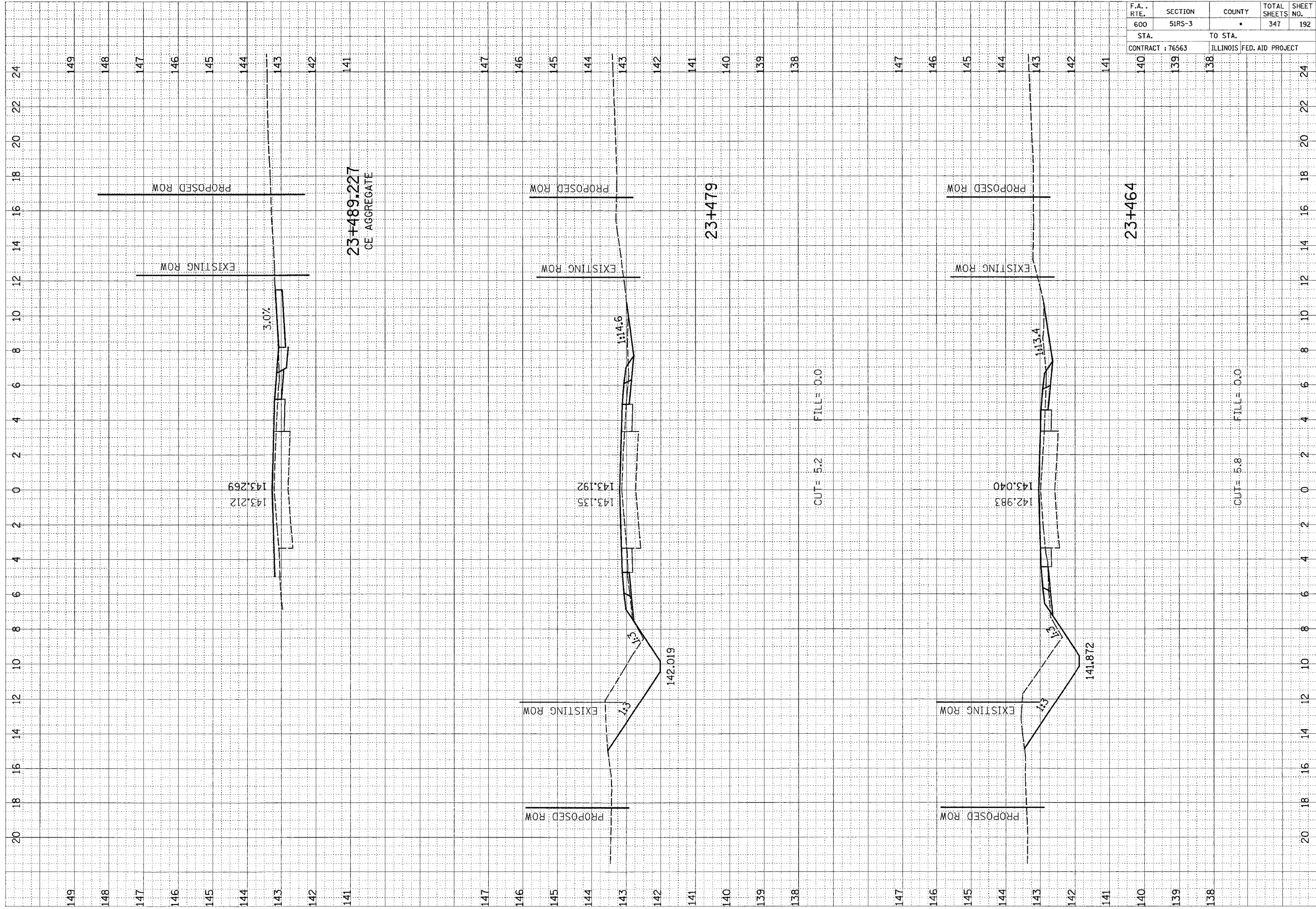
CUT = 9.8 FILL = 0.0

CUT = 9.3 FILL = 0.0

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
600	5IRS-3	•	347	192
STA. 140		TO STA. 138		
CONTRACT : 76563			ILLINOIS FED. AID PROJECT	

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

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



CUT = 5.8 FILL = 0.0

CUT = 5.2 FILL = 0.0

23+489.227
CE AGGREGATE

23+479

23+464

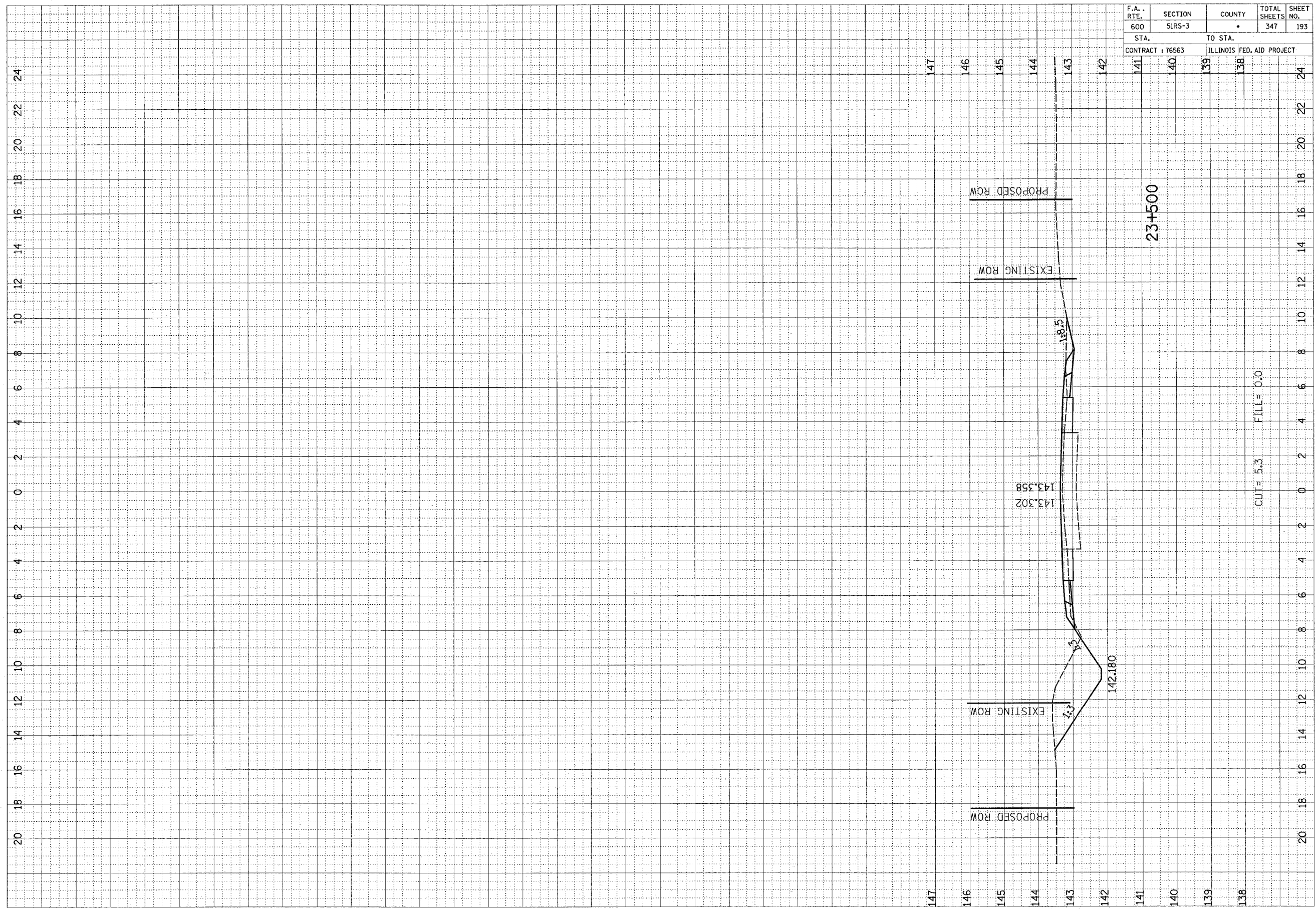
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
600	51RS-3	•	347	193

STA.	TO STA.
141	140
140	139
139	138

CONTRACT : 76563 ILLINOIS FED. AID PROJECT

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

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



CUT = 5:3 FILL = 0:0

147
146
145
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142

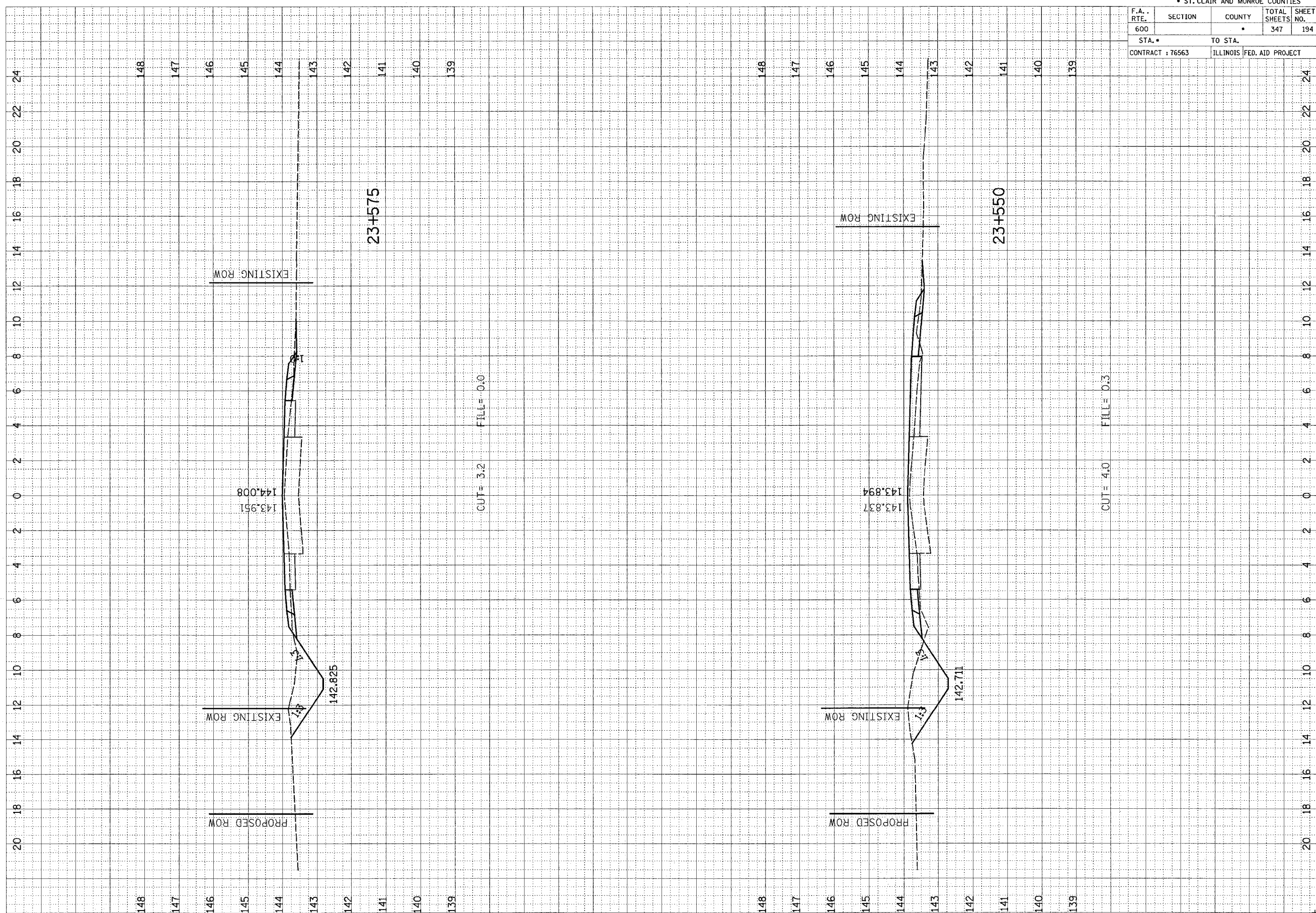
20 18 16 14 12 10 8 6 4 2 0 2 4 6 8 10 12 14 16 18 20 22 24

20 18 16 14 12 10 8 6 4 2 0 2 4 6 8 10 12 14 16 18 20 22 24

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
600		*	347	194
STA. *		TO STA.		
CONTRACT : 76563		ILLINOIS FED. AID PROJECT		

FINAL SURVEY NOTE BOOK NO.	SURVEYED BY	DATE

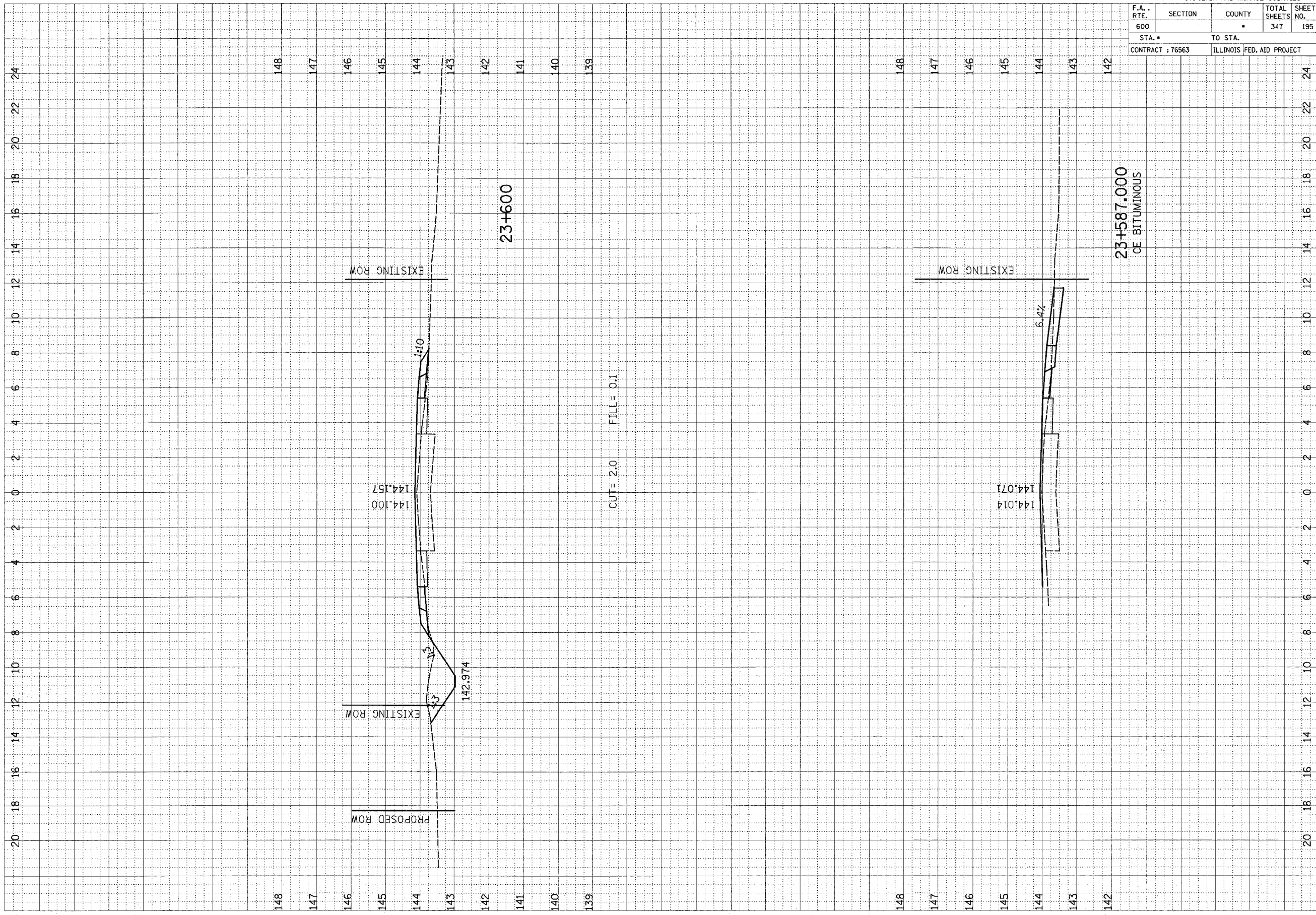
ORIGINAL SURVEY NOTE BOOK NO.	SURVEYED BY	DATE



F.A. - RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
600		*	347	195
STA. *		TO STA.		
CONTRACT : 76563		ILLINOIS FED. AID PROJECT		

FINAL SURVEY NOTE BOOK NO.	DATE
BY	
REVISIONS PLOTTED	
TEMPERATURE	
AREAS CHECKED	

ORIGINAL SURVEY NOTE BOOK NO.	DATE
BY	
REVISIONS PLOTTED	
TEMPERATURE	
AREAS CHECKED	



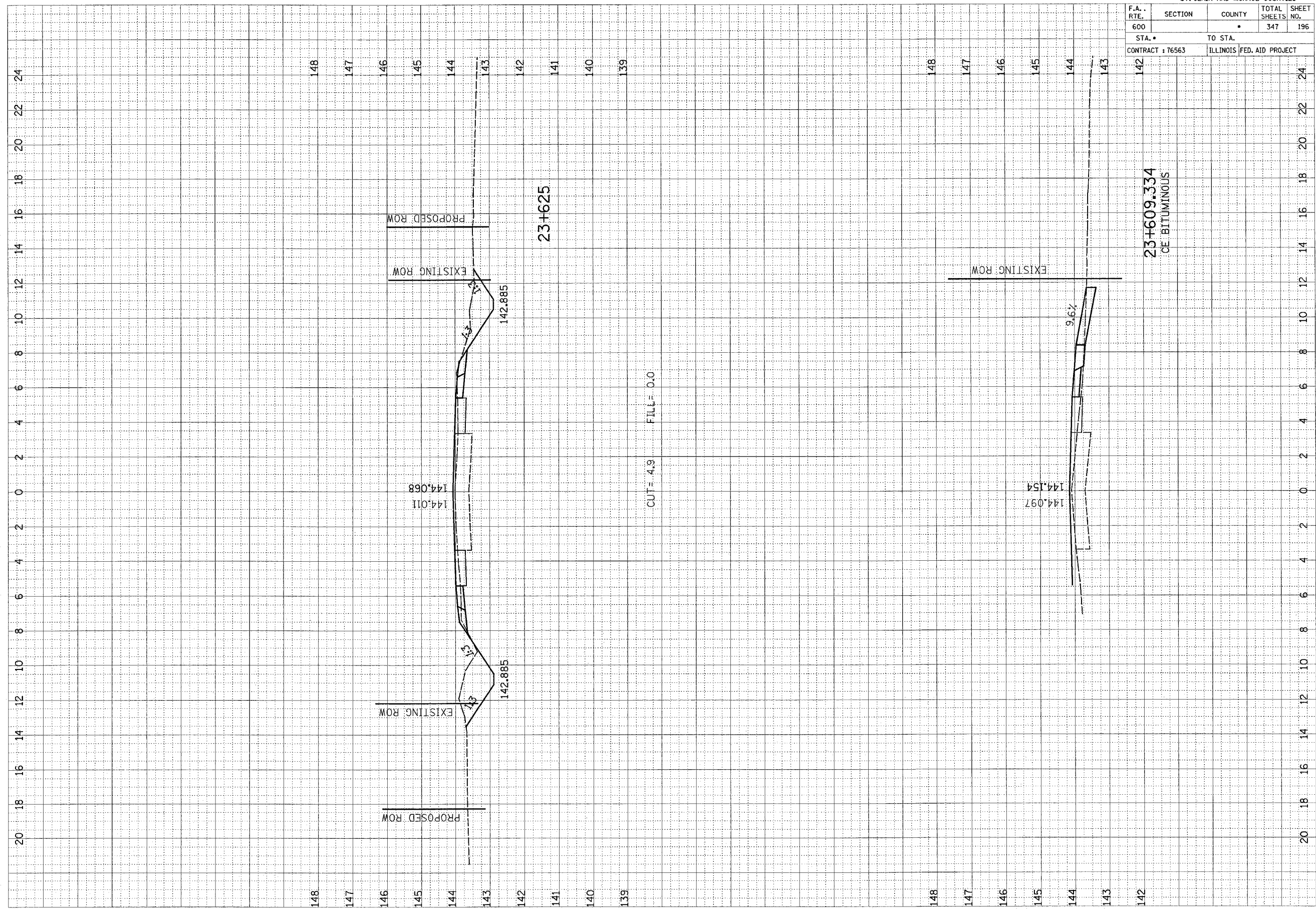
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ORIGINAL SURVEY	DATE
SURVEY	BY
PLOTTED	
NOTE BOOK	
AREAS CHECKED	
NO.	

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

ST. CLAIR AND MONROE COUNTIES

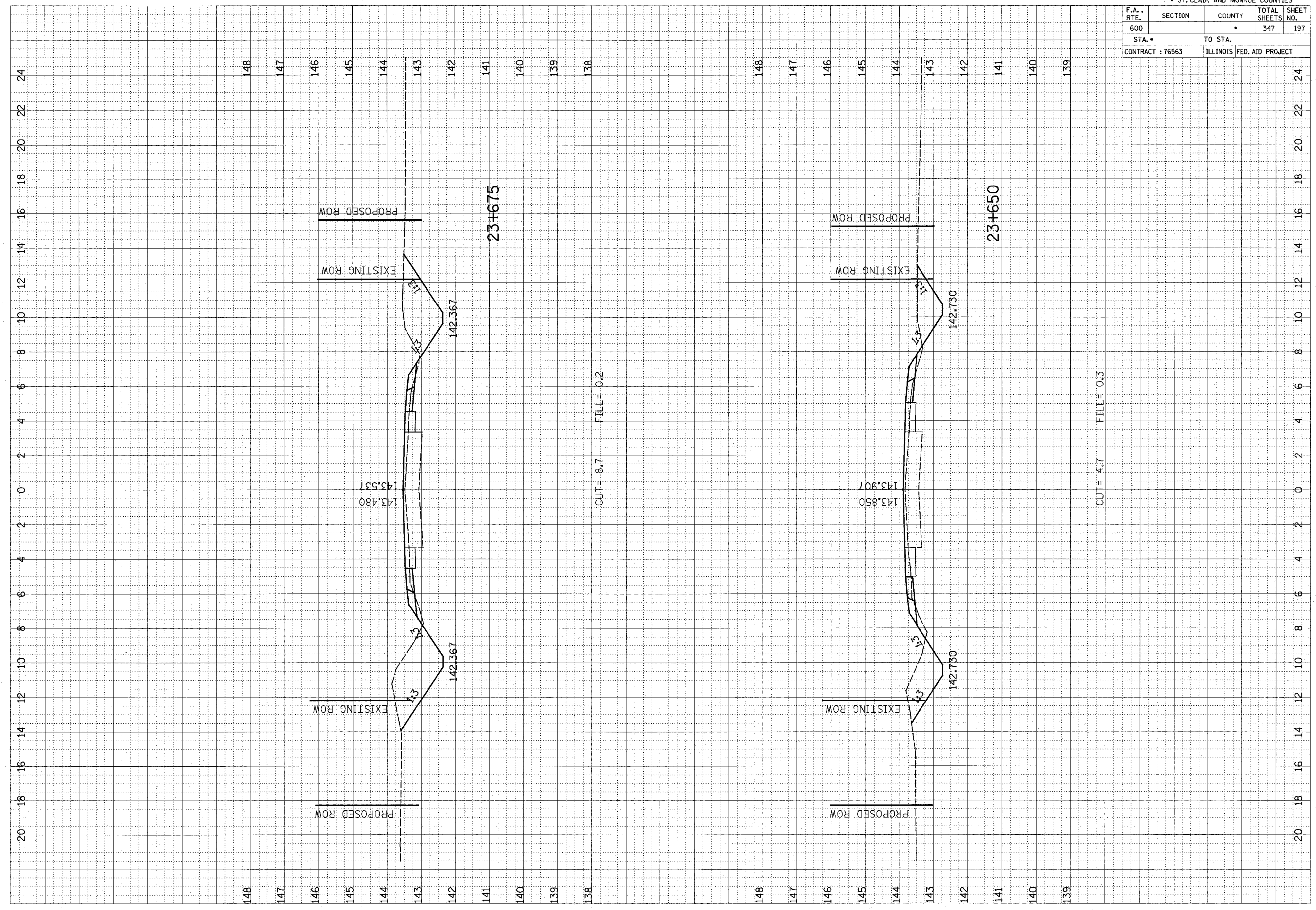
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
600			347	196
STA. 609		TO STA. 625		
CONTRACT : 76563 ILLINOIS FED. AID PROJECT				



F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
600		•	347	197
STA. •		TO STA. •		
CONTRACT : 76563		ILLINOIS FED. AID PROJECT		

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

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



20 18 16 14 12 10 8 6 4 2 0 2 4 6 8 10 12 14 16 18 20 22 24

148 147 146 145 144 143 142 141 140 139 138

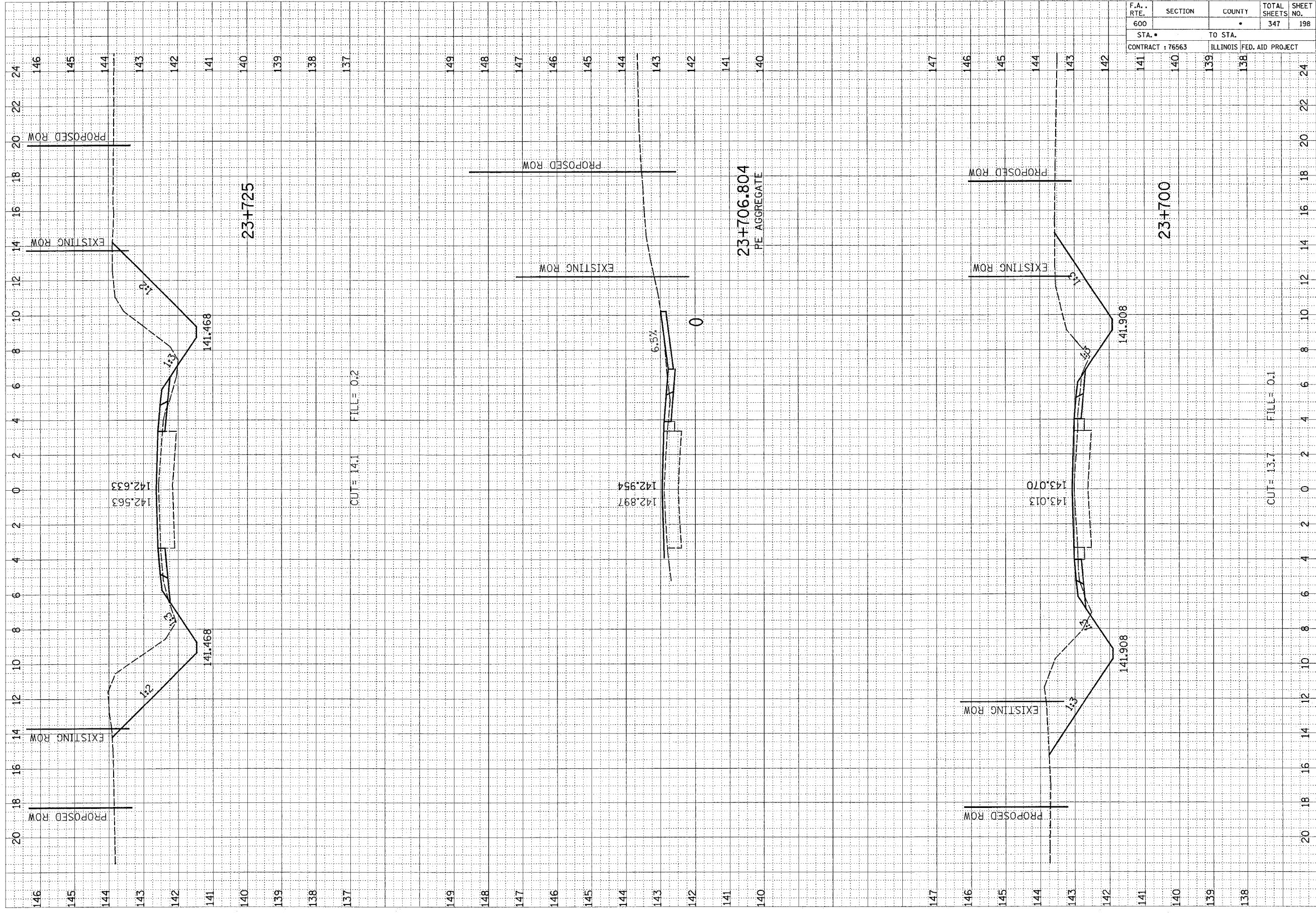
148 147 146 145 144 143 142 141 140 139 138

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

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

• ST. CLAIR AND MONROE COUNTIES

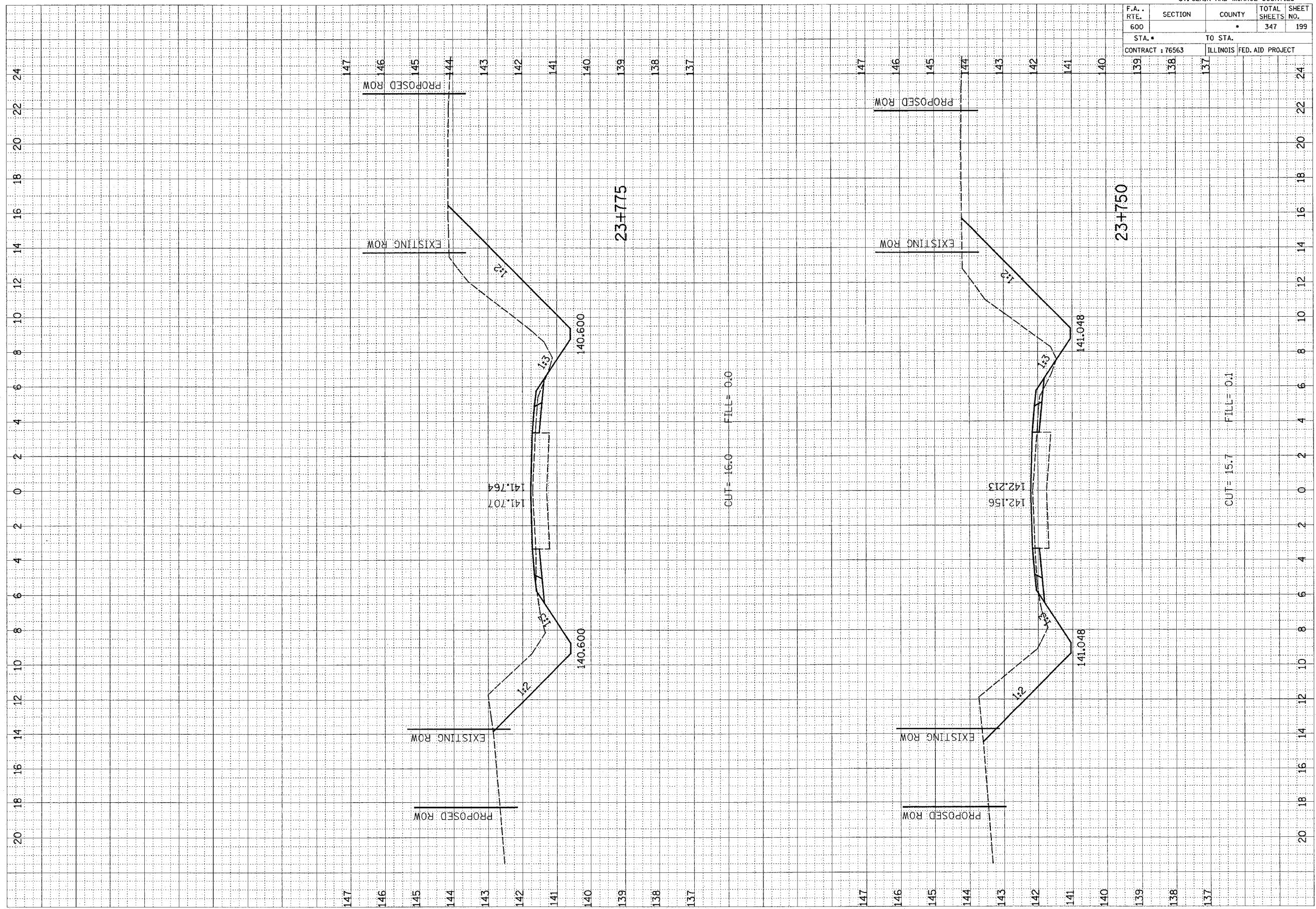
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
600		*	347	198
STA. •		TO STA.		
CONTRACT : 76563		ILLINOIS FED. AID PROJECT		
141	140	139	138	



F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
600			347	199
STA. *		TO STA.		
CONTRACT : 76563		ILLINOIS FED. AID PROJECT		

FINAL SURVEY BY DATE
 SURVEYED BY _____
 NOTE BOOK NO. _____
 TEMPLATE AREA _____
 CHECKED _____

ORIGINAL SURVEY BY DATE
 SURVEYED BY _____
 NOTE BOOK NO. _____
 TEMPLATE AREA _____
 CHECKED _____

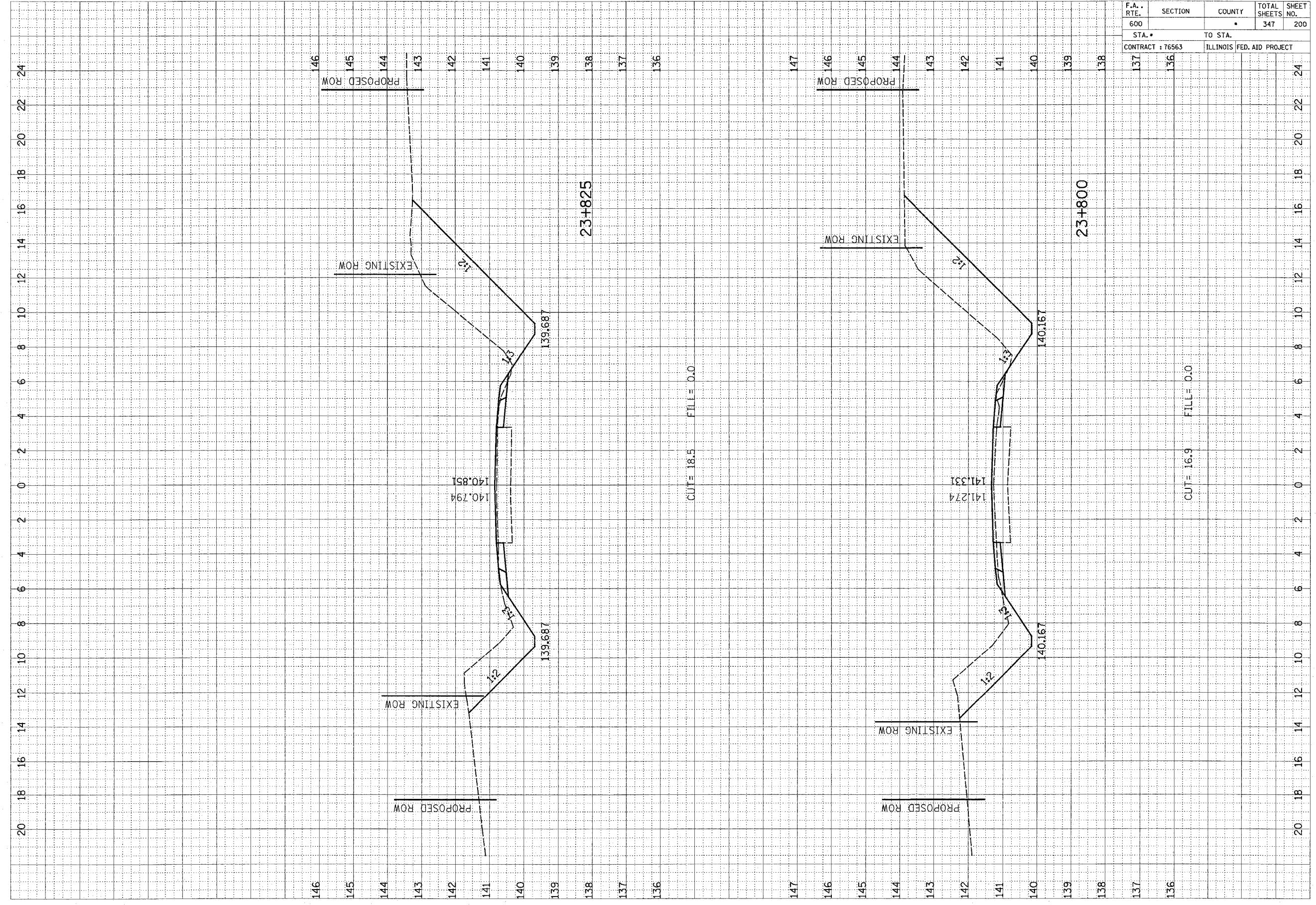


STATION	ELEVATION	TYPE
23+775	141.764	EXISTING CL
23+775	141.707	PROPOSED CL
23+750	142.213	EXISTING CL
23+750	142.156	PROPOSED CL

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
600		•	347	200
STA. •		TO STA.		
CONTRACT : 76563		ILLINOIS FED. AID PROJECT		

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

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



CUT= 18.5 FILL= 0.0

CUT= 16.9 FILL= 0.0