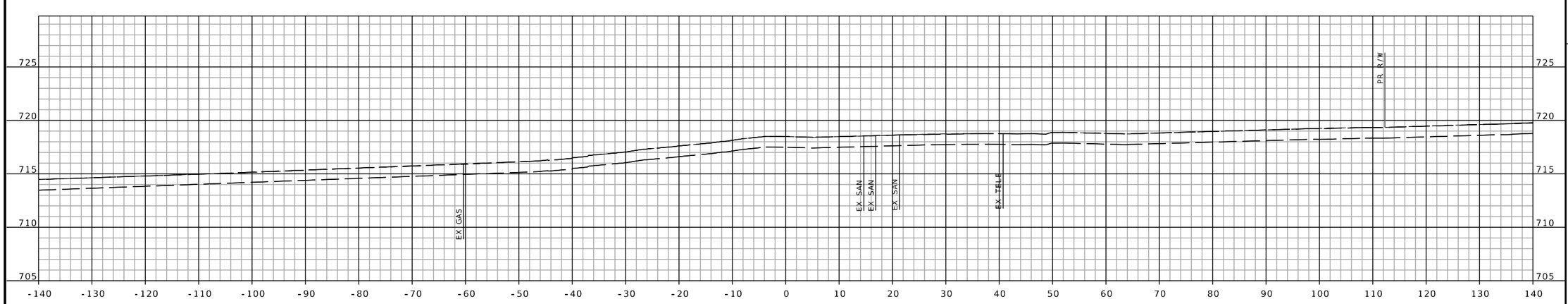


STA 2001+29.06
CE RT

STA 2001+00.00



STA 2000+08.74

CROSS SECTIONS SHEETS
SHEET 1 OF 160

STATE OF MISSOURI
JEFFREY R. RENSING
NUMBER PE-2006012376
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
8/26/2025

ROUTE	STATE
47	MO
DISTRICT	SHEET NO.
NE	1

COUNTY
LINCOLN

JOB NO.
JNE0003

CONTRACT ID.
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PROJECT NO.
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BRIDGE NO.
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DESCRIPTION	DATE
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IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

OATES ASSOCIATES

Collinsville
100 Lamer Court, Suite 1
Collinsville, IL 62234
618.345.2200

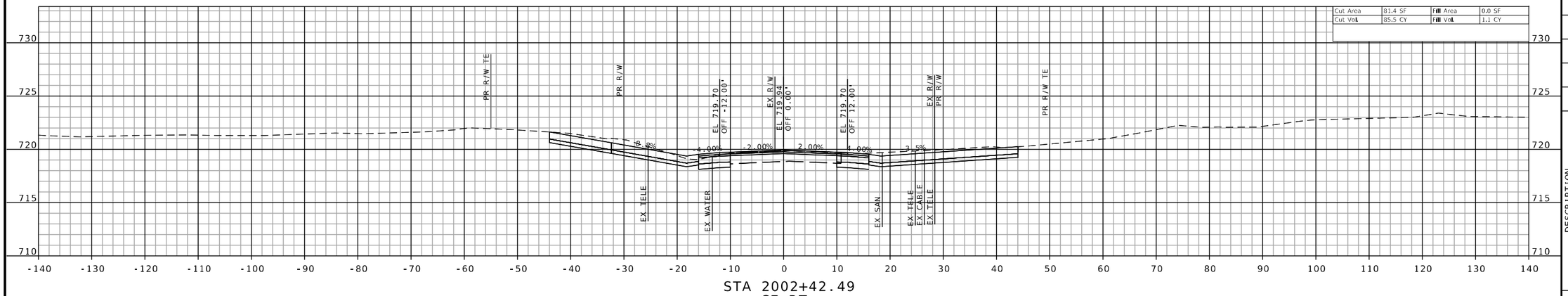
Belleville
1 South Church, Suite 200
Belleville, IL 62220
618.416.4588

St. Louis
720 Olive, Suite 700
St. Louis, MO 63101
314.588.8581

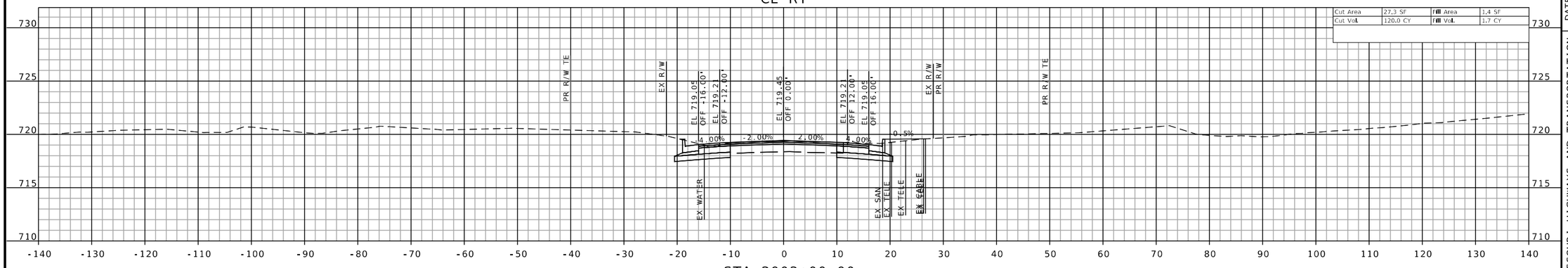
St. Charles
820 South Main, Suite 309
St. Charles, MO 63301
636.493.6277

www.oatesassociates.com

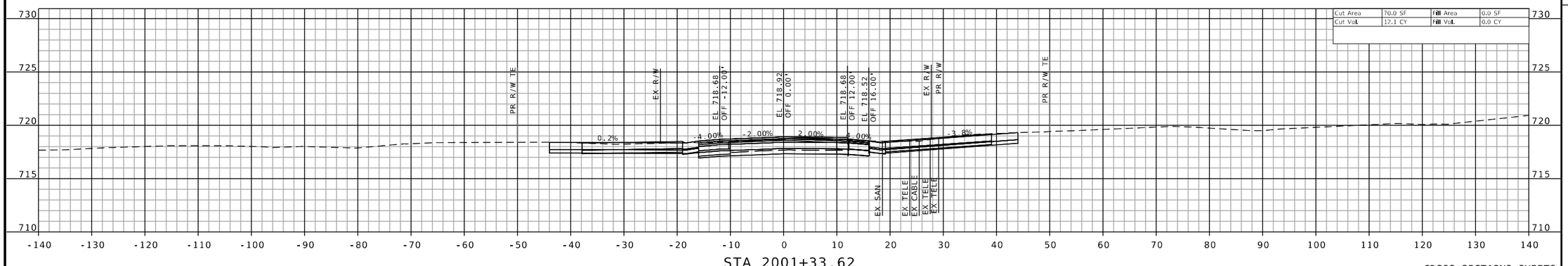
MISSOURI DESIGN FIRM PE-001166



STA 2002+42.49
CE RT



STA 2002+00.00



STA 2001+33.62
CE LT

CROSS SECTIONS SHEETS
SHEET 2 OF 160

STATE OF MISSOURI
JEFFREY R. RENSING
NUMBER PE-2006012376
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
8/26/2025

ROUTE	STATE
47	MO
DISTRICT	SHEET NO.
NE	2

COUNTY
LINCOLN

JOB NO.
JNE0003

CONTRACT ID.
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PROJECT NO.
.

BRIDGE NO.
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DATE	DESCRIPTION
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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

OATES ASSOCIATES

St. Louis
720 Olive, Suite 700
St. Louis, MO 63101
314.588.8881

St. Charles
820 South Main, Suite 309
St. Charles, MO 63301
636.493.6277

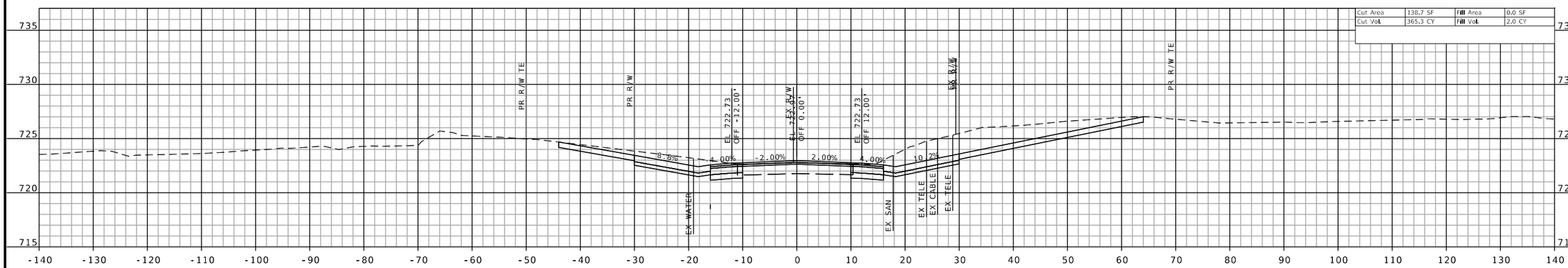
Collinsville
100 Lanter Court, Suite 1
Collinsville, IL 62234
618.345.2100

Belleville
1 South Church, Suite 200
Belleville, IL 62220
618.416.4688

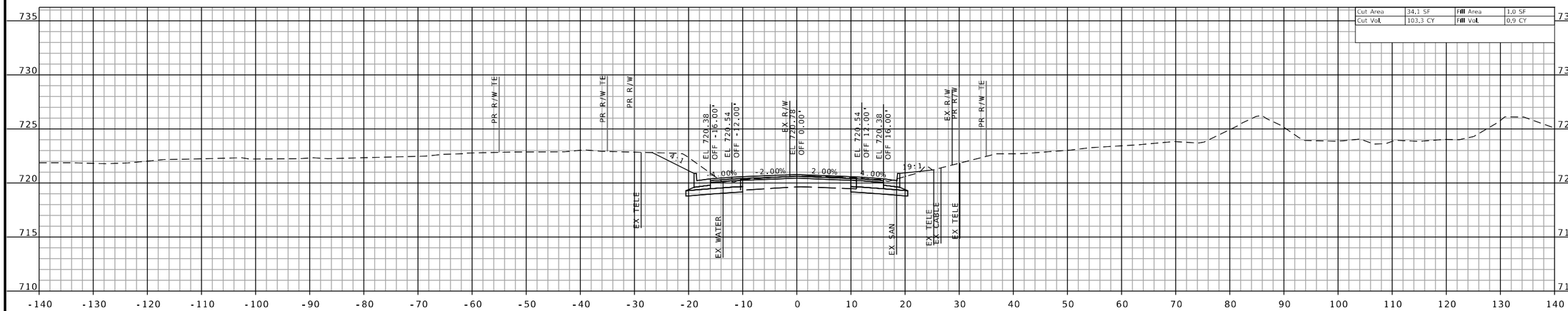
www.oatesassociates.com

MISSOURI DESIGN FIRM PE-001166

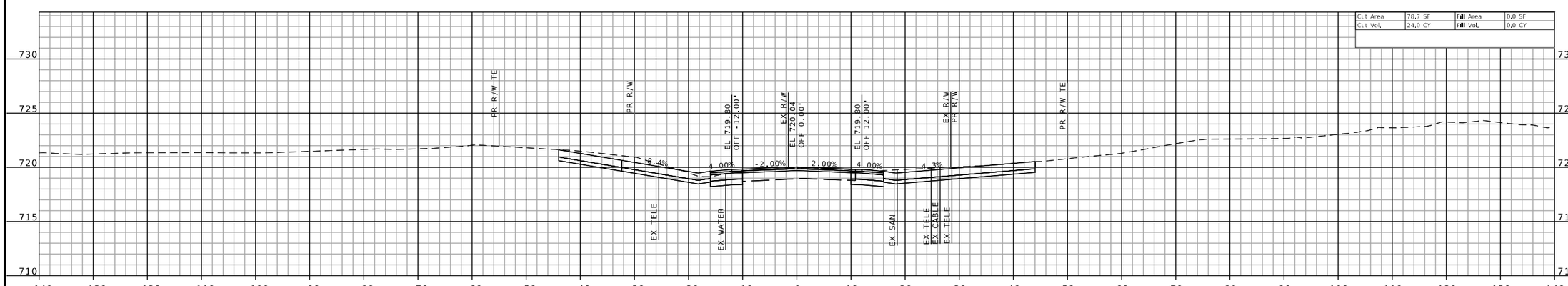
IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.



STA 2004+14.17
FE RT
PE LT



STA 2003+00.00



STA 2002+50.57
CE LT

CROSS SECTIONS SHEETS
SHEET 3 OF 160

H:\P\222102 - Route 47 Pavement, Safety, and Shoulder Improvements\CADD\Microstation\CADD Drawings\Testing\JNE0003 - sht-xsec-001.dgn 12:23:43 PM 8/26/2025

STATE OF MISSOURI
JEFFREY R. RENSING
NUMBER PE-2006012376
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
8/26/2025

ROUTE	STATE
47	MO
DISTRICT	SHEET NO.
NE	3

COUNTY
LINCOLN

JOB NO.
JNE0003

CONTRACT ID.
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PROJECT NO.
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BRIDGE NO.
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DESCRIPTION	DATE
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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

OATES ASSOCIATES

Collinsville
101 Lanzer Court, Suite 1
Collinsville, IL 62234
618.345.2300

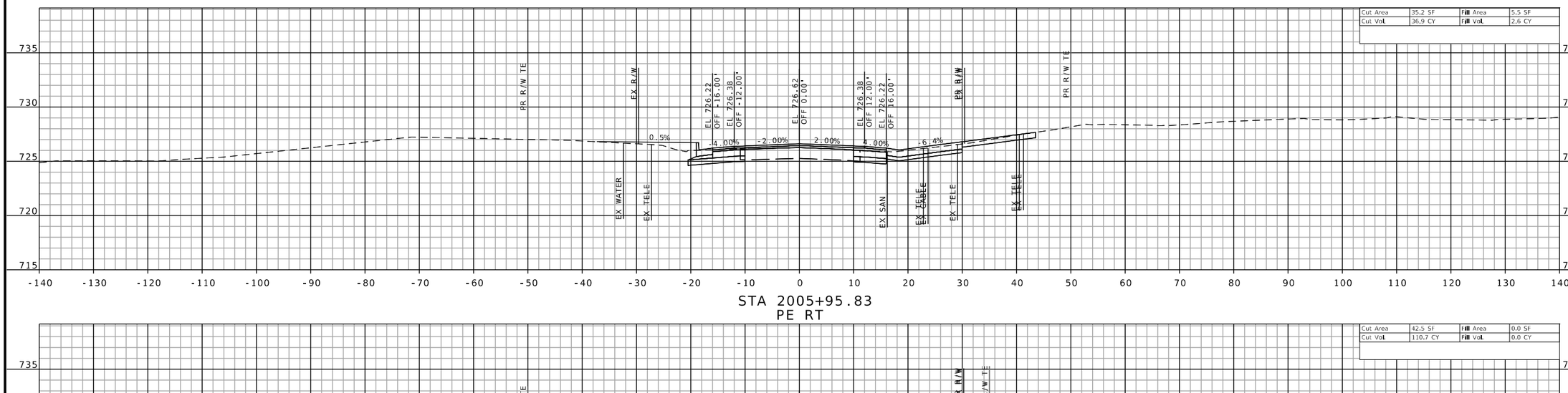
Belleville
1 South Church, Suite 200
Belleville, IL 62220
618.416.4688

St. Louis
720 Olive, Suite 700
St. Louis, MO 63101
314.588.8881

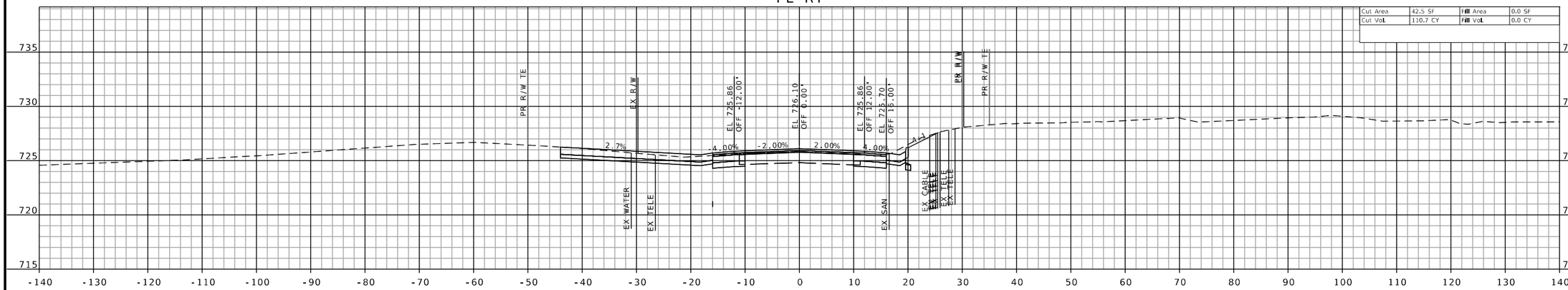
St. Charles
820 South Main, Suite 309
St. Charles, MO 63301
636.493.6277

www.oatesassociates.com

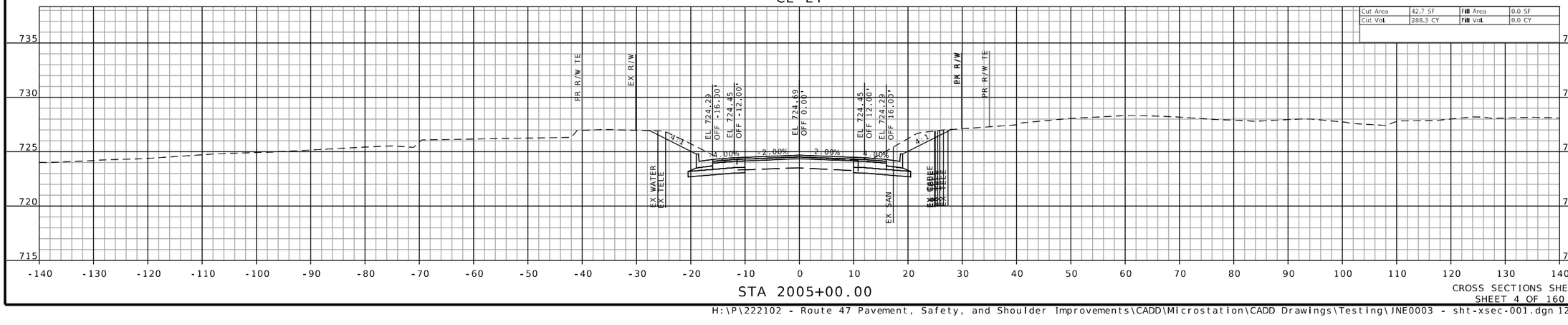
MISSOURI DESIGN FIRM PE-001166



STA 2005+95.83
PE RT



STA 2005+70.16
CE LT



STA 2005+00.00

CROSS SECTIONS SHEETS
SHEET 4 OF 160

STATE OF MISSOURI
JEFFREY R. RENSING
NUMBER PE-2006012376
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
8/26/2025

ROUTE	STATE
47	MO
DISTRICT	SHEET NO.
NE	4

COUNTY
LINCOLN

JOB NO.
JNE0003

CONTRACT ID.
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PROJECT NO.
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BRIDGE NO.
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DESCRIPTION	DATE
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IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

OATES ASSOCIATES

St. Louis
720 Olive, Suite 700
St. Louis, MO 63101
314.588.8881

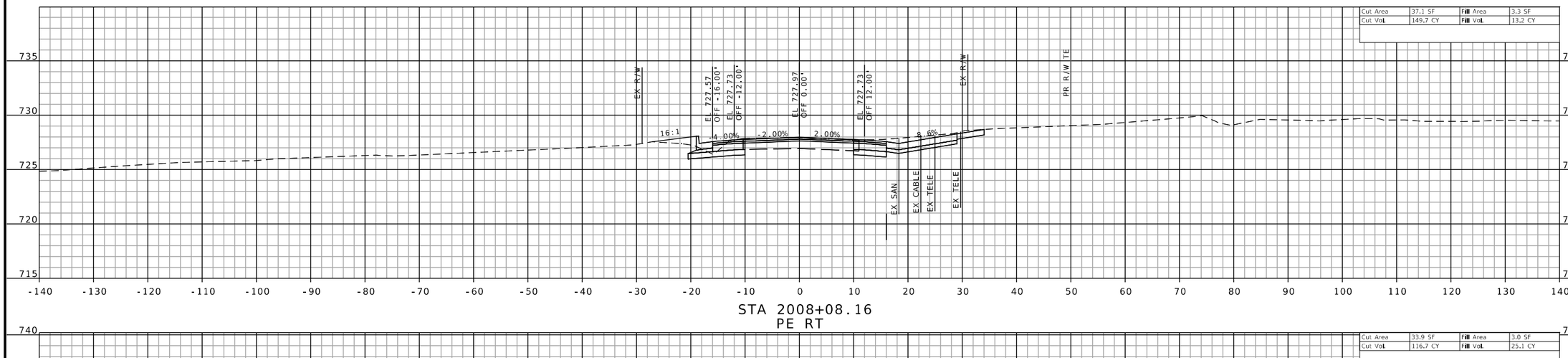
St. Charles
820 South Main, Suite 309
St. Charles, MO 63301
636.493.6277

Collinsville
100 Lanter Court, Suite 1
Collinsville, IL 62234
618.345.2000

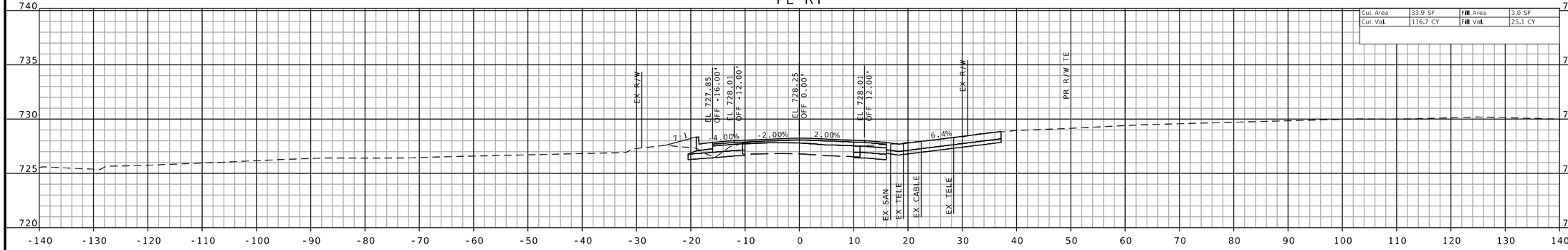
Belleville
1 South Church, Suite 200
Belleville, IL 62220
618.416.4688

www.oatesassociates.com

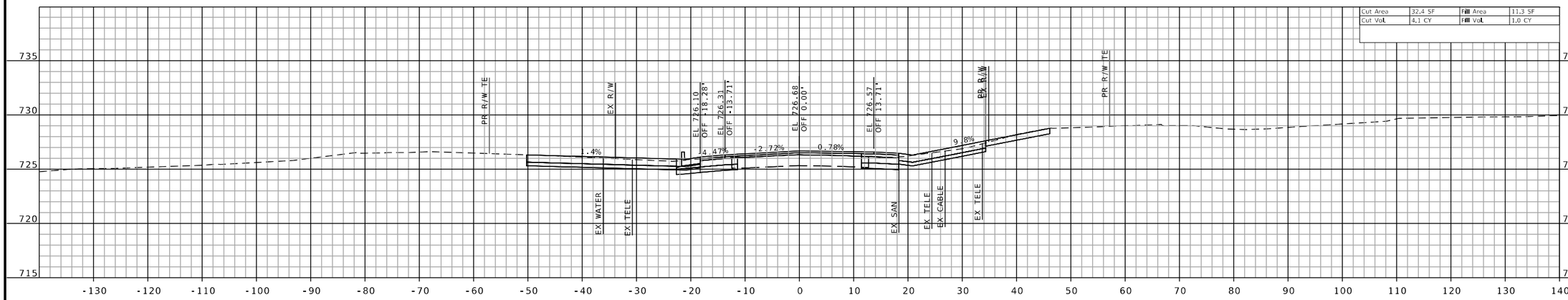
MISSOURI DESIGN FIRM PE-001166



STA 2008+08.16
PE RT



STA 2006+94.25
CE RT



STA 2005+99.13
CE RT SKEW 28°54'23"

CROSS SECTIONS SHEETS
SHEET 5 OF 160

H:\P\222102 - Route 47 Pavement, Safety, and Shoulder Improvements\CADD\Microstation\CADD Drawings\Testing\JNE0003 - sht-xsec-001.dgn 12:25:05 PM 8/26/2025

STATE OF MISSOURI
JEFFREY R. RENSING
NUMBER PE-2006012376
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
8/26/2025

ROUTE	STATE
47	MO
DISTRICT	SHEET NO.
NE	5

COUNTY
LINCOLN

JOB NO.
JNE0003

CONTRACT ID.
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PROJECT NO.
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BRIDGE NO.
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DESCRIPTION	DATE
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IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

MoDOT

OATES ASSOCIATES

St. Louis
720 Olive, Suite 700
St. Louis, MO 63101
314.588.8881

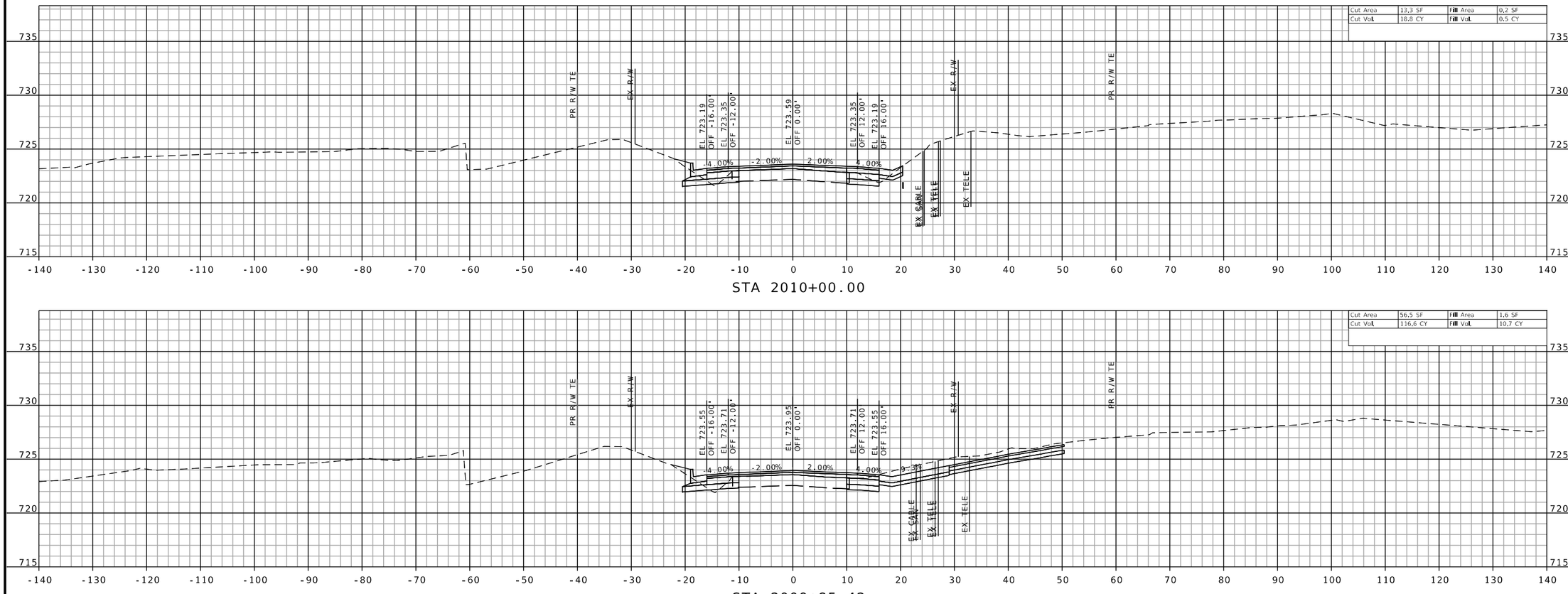
St. Charles
820 South Main, Suite 309
St. Charles, MO 63301
636.493.6277

Collinsville
100 Lanter Court, Suite 1
Collinsville, IL 62234
618.345.2100

Belleville
1 South Church, Suite 200
Belleville, IL 62220
618.416.4868

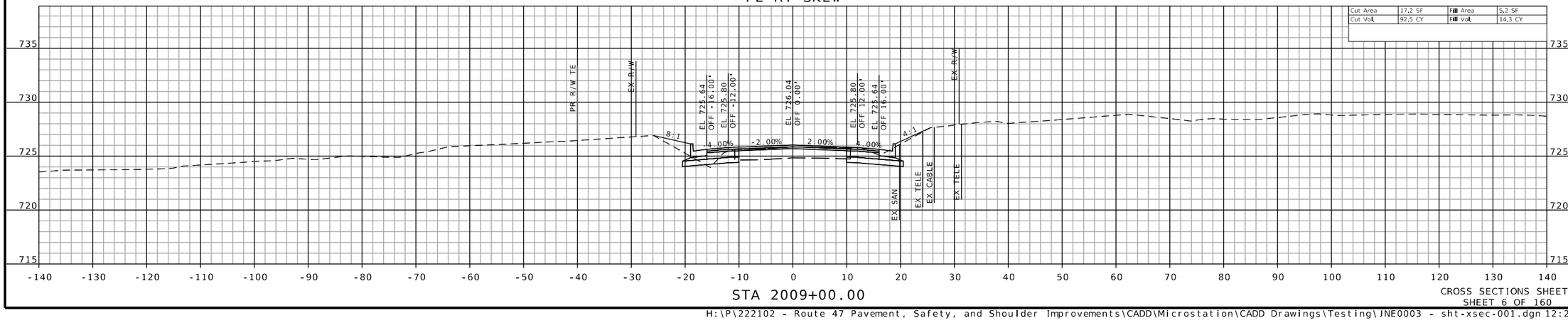
www.oatesassociates.com

MISSOURI DESIGN FIRM PE-001166



STA 2010+00.00

STA 2009+85.42
PE RT SKEW



STA 2009+00.00

CROSS SECTIONS SHEETS
SHEET 6 OF 160

H:\P\222102 - Route 47 Pavement, Safety, and Shoulder Improvements\CADD\Microstation\CADD Drawings\Testing\JNE0003 - sht-xsec-001.dgn 12:25:47 PM 8/26/2025

STATE OF MISSOURI
JEFFREY R. RENSING
NUMBER PE-2006012376
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
8/26/2025

ROUTE	STATE
47	MO
DISTRICT	SHEET NO.
NE	6

COUNTY
LINCOLN

JOB NO.
JNE0003

CONTRACT ID.
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PROJECT NO.
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BRIDGE NO.
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DESCRIPTION	DATE
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IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

MoDOT

OATES ASSOCIATES

Collinsville
100 Lamper Court, Suite 1
Collinsville, IL 62234
618.345.2200

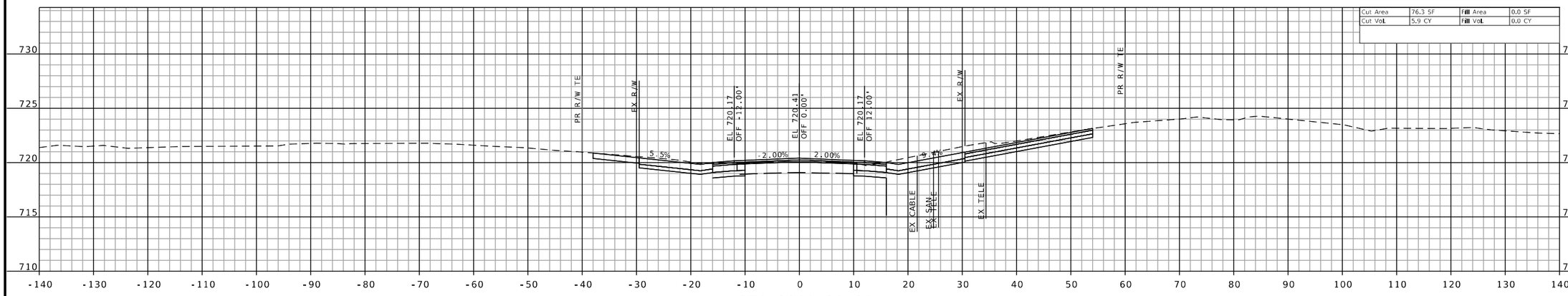
Belleville
1 South Church, Suite 200
Belleville, IL 62220
618.416.6688

St. Louis
720 Olive, Suite 700
St. Louis, MO 63101
314.588.8881

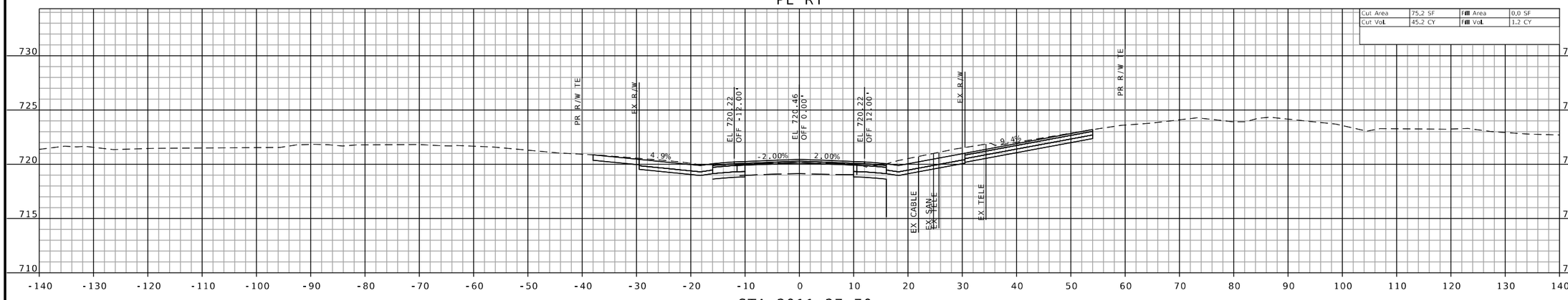
St. Charles
820 South Main, Suite 309
St. Charles, MO 63301
636.493.6277

www.oatesassociates.com

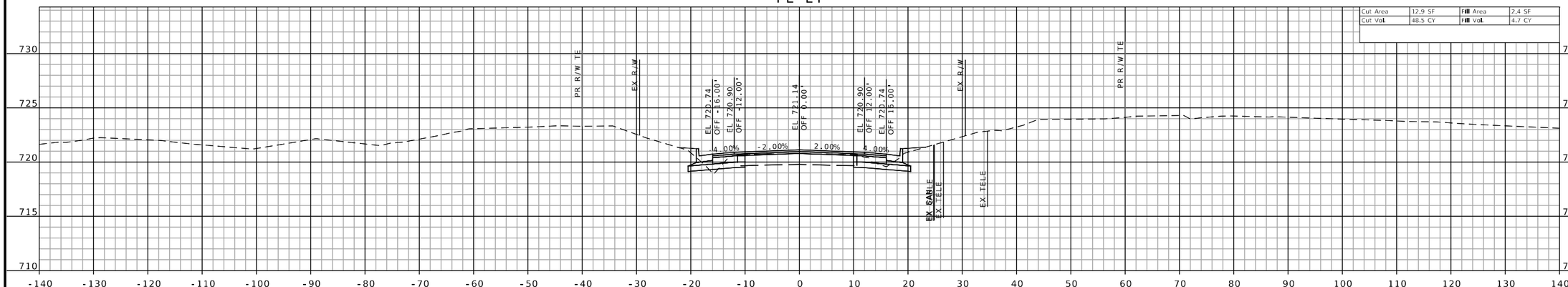
MISSOURI DESIGN FIRM PE-001166



STA 2011+29.81
PE RT



STA 2011+27.70
PE LT



STA 2011+00.00

CROSS SECTIONS SHEETS
SHEET 7 OF 160

STATE OF MISSOURI
JEFFREY R. RENSING
NUMBER PE-2006012376
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
8/26/2025

ROUTE	STATE
47	MO
DISTRICT	SHEET NO.
NE	7

COUNTY
LINCOLN

JOB NO.
JNE0003

CONTRACT ID.
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PROJECT NO.
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BRIDGE NO.
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DATE	DESCRIPTION
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IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

OATES ASSOCIATES

Collinsville
101 Lanzer Court, Suite 1
Collinsville, IL 62234
618-343-2200

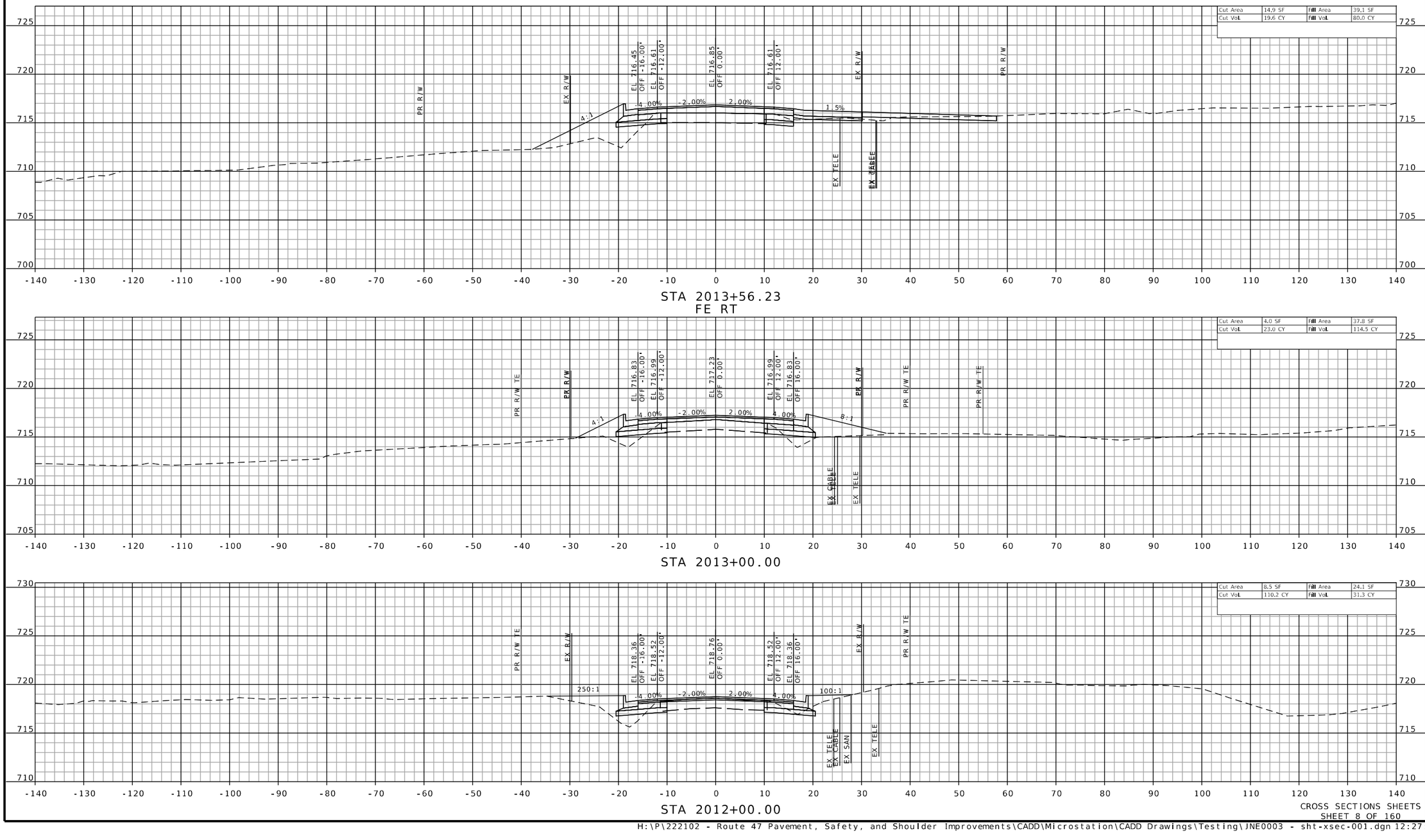
Belleville
1 South Church, Suite 200
Belleville, IL 62220
618.416.6488

St. Louis
720 Olive, Suite 700
St. Louis, MO 63101
314.588.8181

St. Charles
820 South Main, Suite 309
St. Charles, MO 63301
636.493.6277

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MISSOURI DESIGN FIRM PE-001166



CROSS SECTIONS SHEETS
SHEET 8 OF 160

H:\P\222102 - Route 47 Pavement, Safety, and Shoulder Improvements\CADD\Microstation\CADD Drawings\Testing\JNE0003 - sht-xsec-001.dgn 12:27:07 PM 8/26/2025

STATE OF MISSOURI
JEFFREY R. RENSING
NUMBER PE-2006012376
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
8/26/2025

ROUTE	STATE
47	MO
DISTRICT	SHEET NO.
NE	8

COUNTY
LINCOLN

JOB NO.
JNE0003

CONTRACT ID.
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PROJECT NO.
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BRIDGE NO.
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DESCRIPTION	DATE
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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

MoDOT

OATES ASSOCIATES

Collinsville
100 Lamper Court, Suite 1
Collinsville, IL 62234
618-345-2200

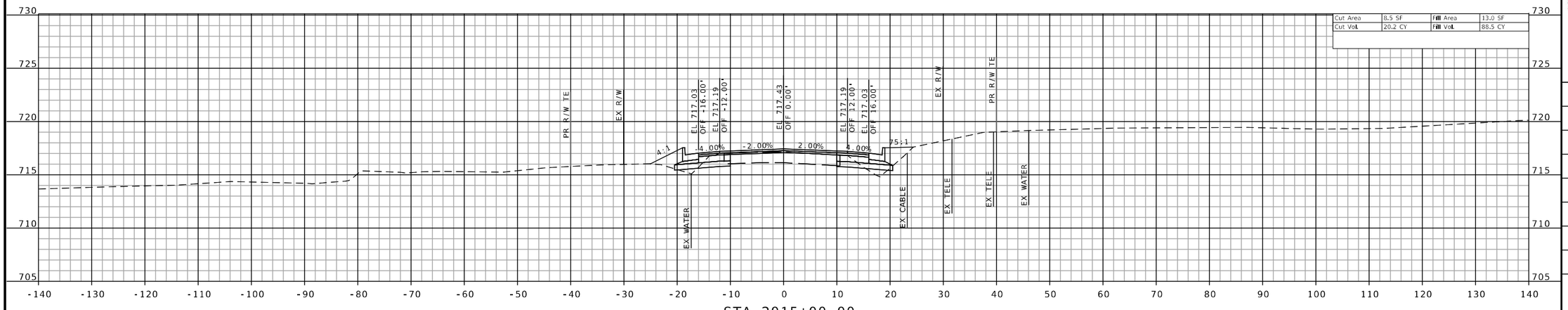
Belleville
1 South Church, Suite 200
Belleville, IL 62220
618-416-6688

St. Louis
720 Olive, Suite 700
St. Louis, MO 63101
314-588-8881

St. Charles
820 South Main, Suite 309
St. Charles, MO 63301
636-493-8277

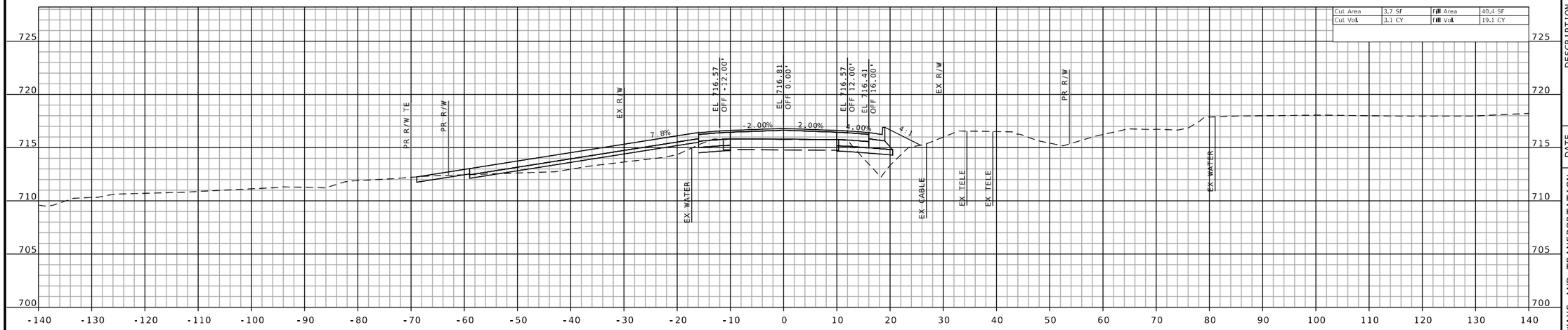
www.oatesassociates.com

MISSOURI DESIGN FIRM PE-A001166



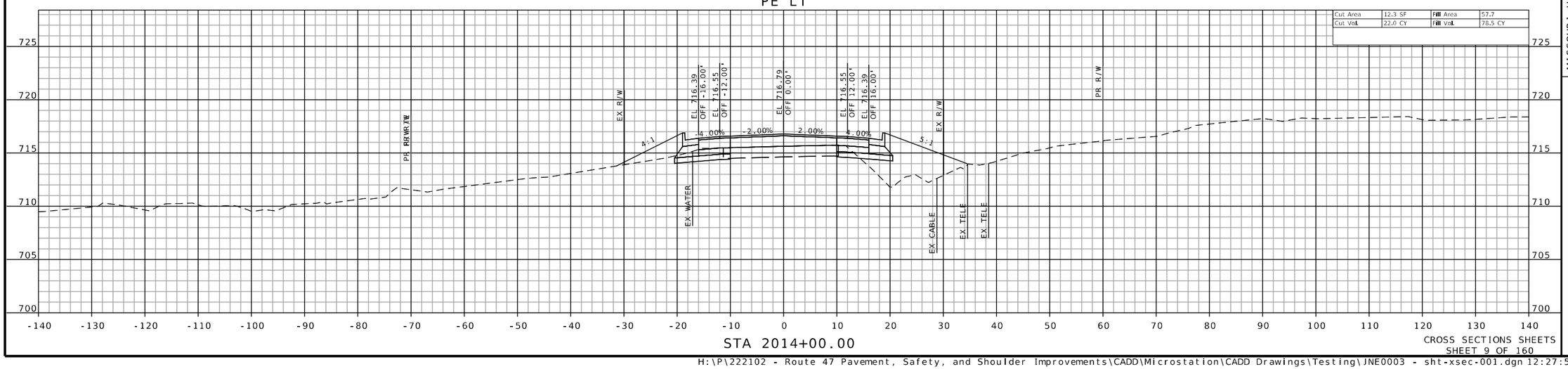
Cut Area	8.5 SF	Fill Area	13.0 SF
Cut Vol.	20.2 CY	Fill Vol.	88.5 CY

STA 2015+00.00



Cut Area	3.7 SF	Fill Area	40.4 SF
Cut Vol.	3.1 CY	Fill Vol.	19.1 CY

STA 2014+10.53
PE LT



Cut Area	12.3 SF	Fill Area	57.7
Cut Vol.	22.0 CY	Fill Vol.	78.5 CY

STA 2014+00.00

CROSS SECTIONS SHEETS
SHEET 9 OF 160

STATE OF MISSOURI
JEFFREY R. RENSING
NUMBER PE-2006012376
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
8/26/2025

ROUTE	STATE
47	MO
DISTRICT	SHEET NO.
NE	9

COUNTY
LINCOLN

JOB NO.
JNE0003

CONTRACT ID.
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PROJECT NO.
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BRIDGE NO.
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DESCRIPTION	DATE
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IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

St. Louis
720 Olive, Suite 700
St. Louis, MO 63101
314.588.8881

St. Charles
820 South Main, Suite 309
St. Charles, MO 63301
636.493.6277

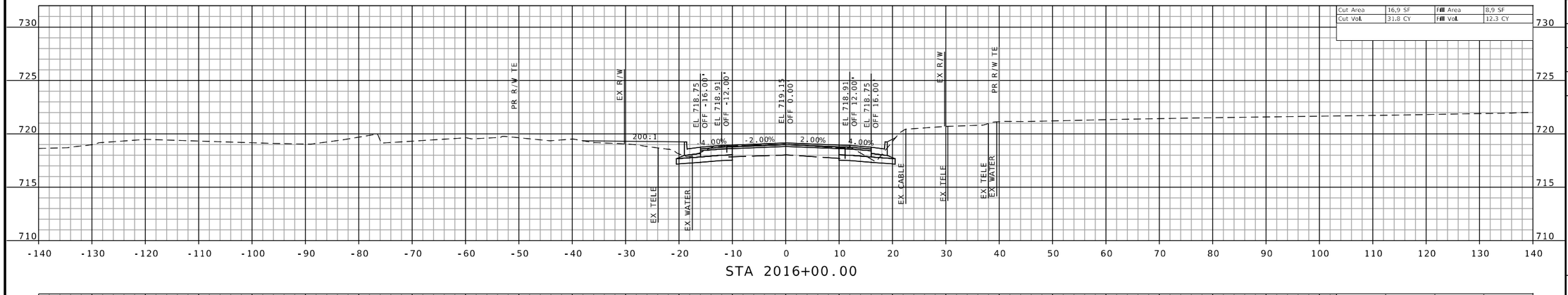
Collinsville
100 Lamer Court, Suite 1
Collinsville, IL 62234
618.345.2200

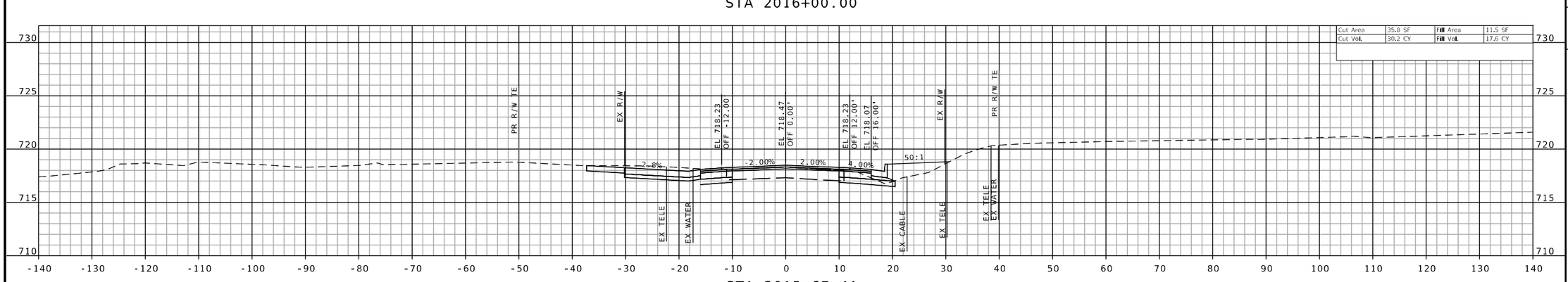
Belleville
1 South Church, Suite 200
Belleville, IL 62220
618.416.4588

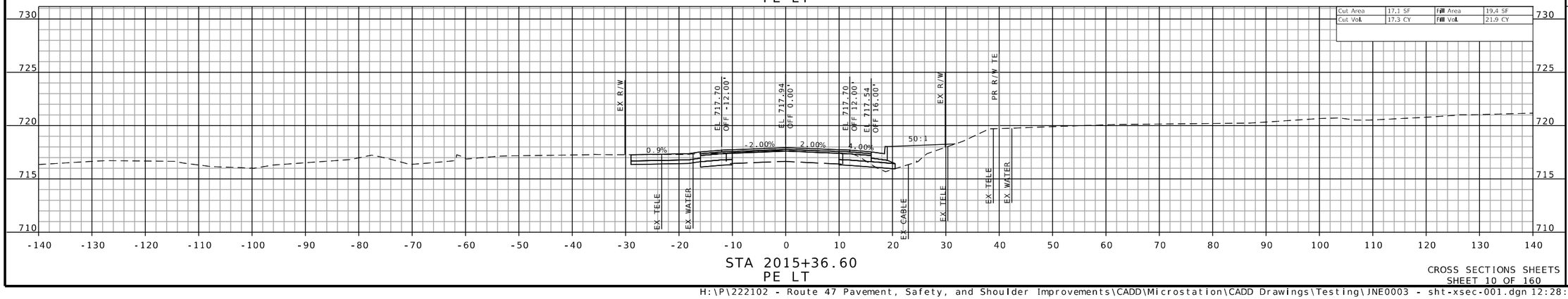
www.oatesassociates.com

MISSOURI DESIGN FIRM PE-001166

OATES ASSOCIATES







CROSS SECTIONS SHEETS
SHEET 10 OF 160

H:\P\222102 - Route 47 Pavement, Safety, and Shoulder Improvements\CADD\Microstation\CADD Drawings\Testing\JNE0003 - sht-xsec-001.dgn 12:28:37 PM 8/26/2025

STATE OF MISSOURI
JEFFREY R. RENSING
NUMBER PE-2006012376
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
8/26/2025

ROUTE	STATE
47	MO
DISTRICT	SHEET NO.
NE	10

COUNTY
LINCOLN

JOB NO.
JNE0003

CONTRACT ID.
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PROJECT NO.
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BRIDGE NO.
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DATE	DESCRIPTION
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IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

OATES ASSOCIATES
MISSOURI DESIGN FIRM PE-001166

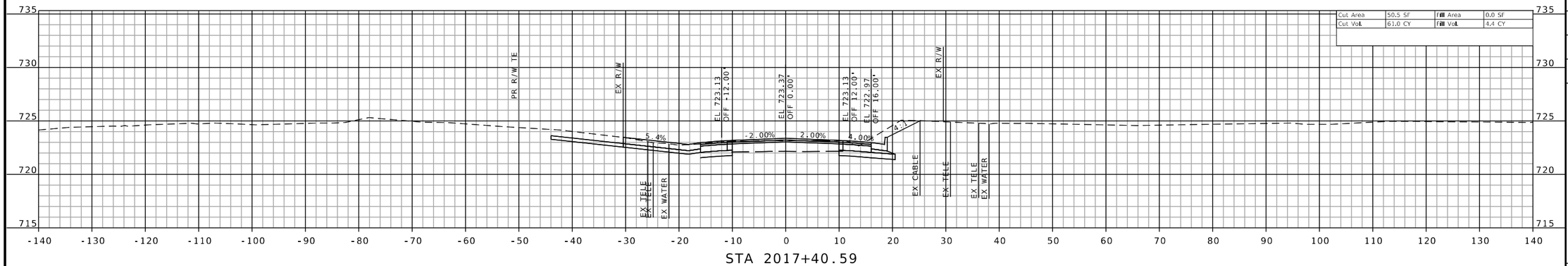
Collinsville
100 Lanier Court, Suite 1
Collinsville, IL 62234
618.345.2200

Belleville
1 South Church, Suite 200
Belleville, IL 62220
618.416.4588

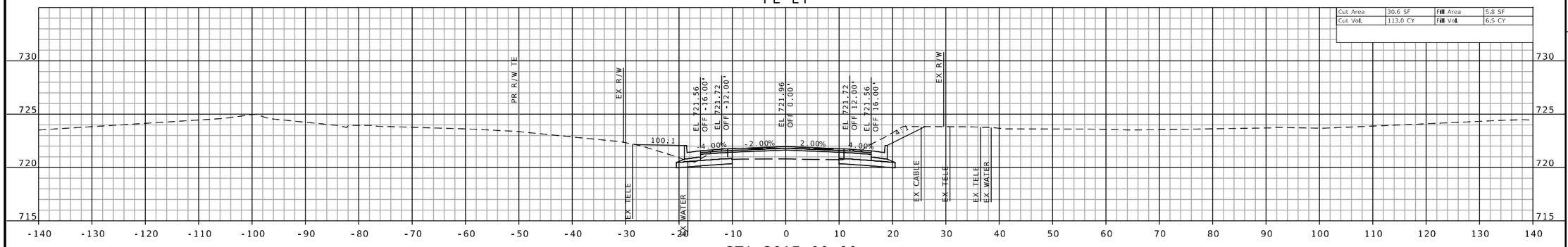
St. Louis
720 Olive, Suite 700
St. Louis, MO 63101
314.588.8881

St. Charles
820 South Main, Suite 309
St. Charles, MO 63301
636.493.6277

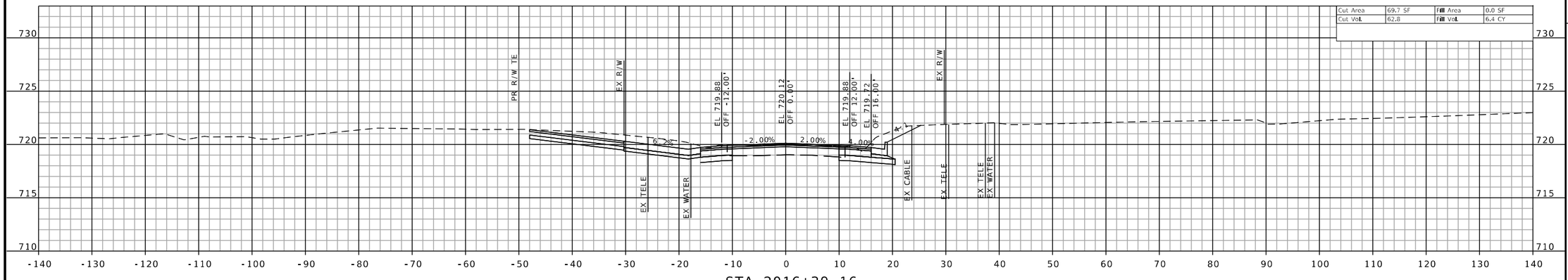
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STA 2017+40.59
PE LT



STA 2017+00.00



STA 2016+39.16
PE LT

CROSS SECTIONS SHEETS
SHEET 11 OF 160

H:\P\222102 - Route 47 Pavement, Safety, and Shoulder Improvements\CADD\Microstation\CADD Drawings\Testing\JNE0003 - sht-xsec-001.dgn 12:29:19 PM 8/26/2025

STATE OF MISSOURI
JEFFREY R. RENSING
NUMBER PE-2006012376
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
8/26/2025

ROUTE	STATE
47	MO
DISTRICT	SHEET NO.
NE	11

COUNTY
LINCOLN

JOB NO.
JNE0003

CONTRACT ID.
.

PROJECT NO.
.

BRIDGE NO.
.

DATE	DESCRIPTION
.	.

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

OATES ASSOCIATES

Collinsville
100 Lamper Court, Suite 1
Collinsville, IL 62234
618-343-2200

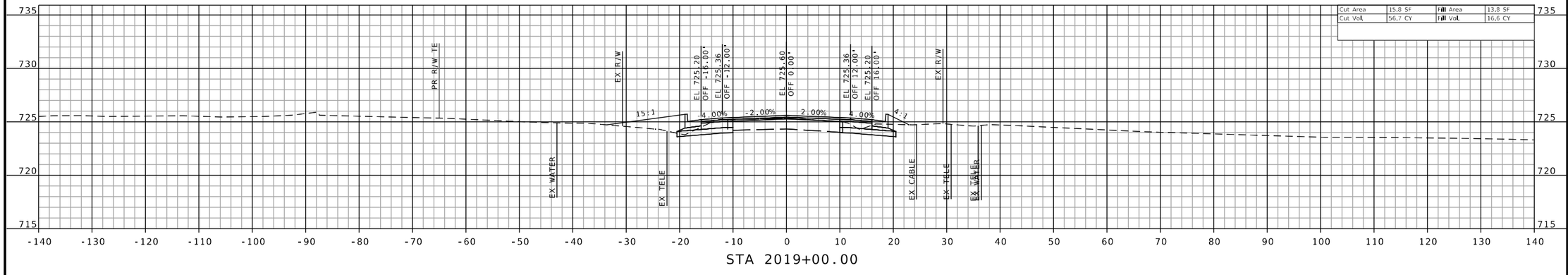
Belleville
1 South Church, Suite 200
Belleville, IL 62220
618-416-4488

St. Louis
720 Olive, Suite 700
St. Louis, MO 63101
314-588-8181

St. Charles
820 South Main, Suite 309
St. Charles, MO 63301
636-493-5277

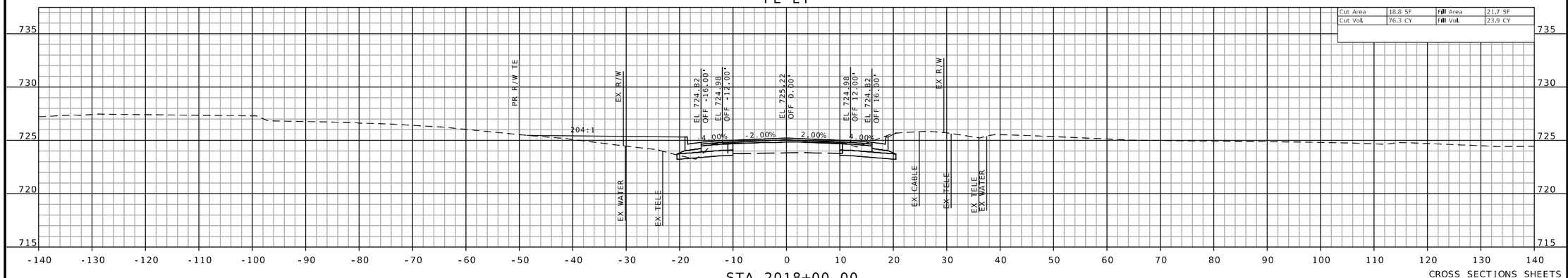
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MISSOURI DESIGN FIRM PE-001166



STA 2019+00.00

STA 2018+35.17
PE LT



STA 2018+00.00

CROSS SECTIONS SHEETS
SHEET 12 OF 160

STATE OF MISSOURI
JEFFREY R. RENSING
NUMBER PE-2006012376
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED 8/26/2025

ROUTE	STATE
47	MO
DISTRICT	SHEET NO.
NE	12

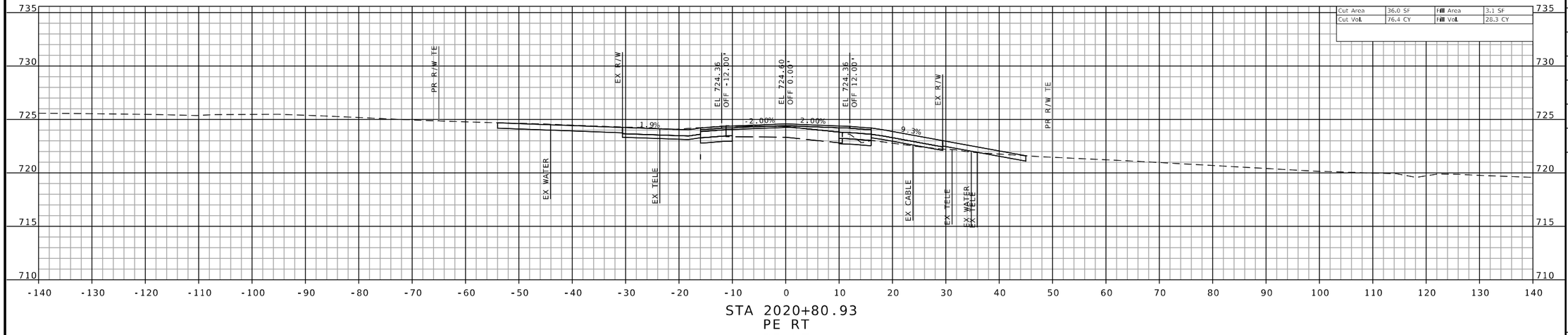
COUNTY: LINCOLN
JOB NO.: JNE0003
CONTRACT ID.: .
PROJECT NO.: .
BRIDGE NO.: .

DESCRIPTION	DATE
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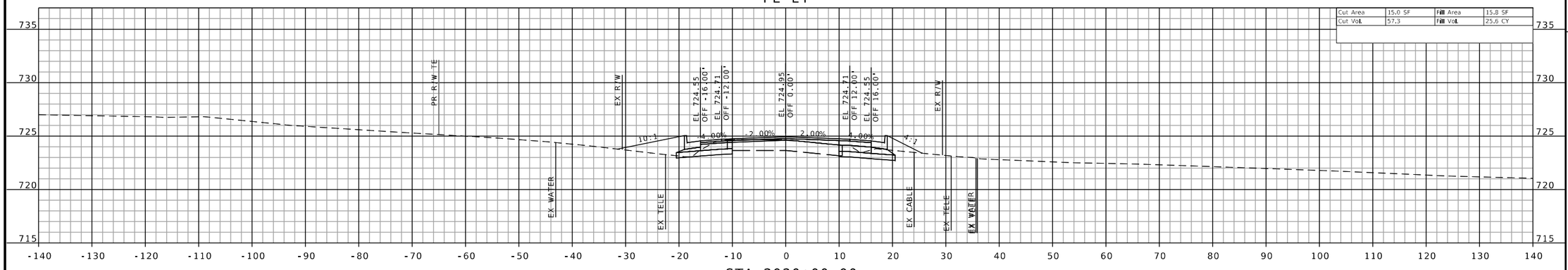
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

OATES ASSOCIATES
Collinsville: 100 Lamper Court, Suite 1, Collinsville, IL 62234, 618-343-2200
Belleville: 1 South Church, Suite 200, Belleville, IL 62220, 618-416-4488
St. Louis: 720 Olive, Suite 700, St. Louis, MO 63101, 314-588-8381
St. Charles: 820 South Main, Suite 309, St. Charles, MO 63301, 636-493-5277
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MISSOURI DESIGN FIRM PE-001166

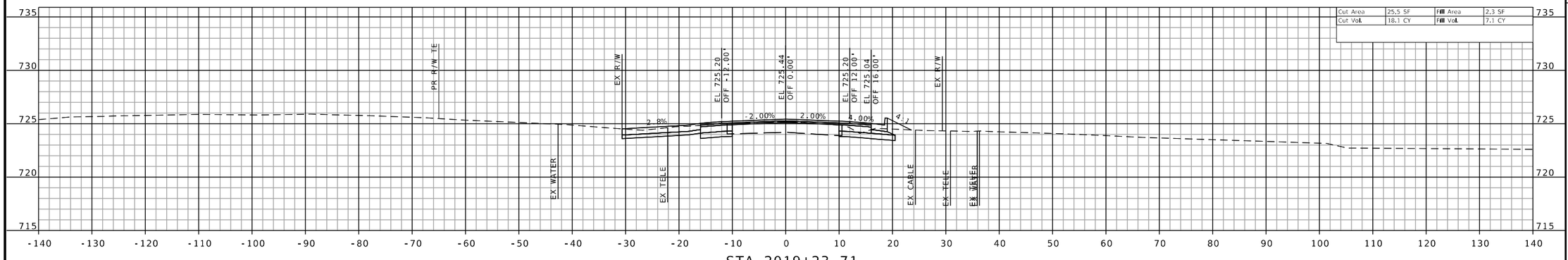
IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.



STA 2020+80.93
PE RT
PE LT



STA 2020+00.00



STA 2019+23.71
PE LT

CROSS SECTIONS SHEETS
SHEET 13 OF 160

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STATE OF MISSOURI
JEFFREY R. RENSING
NUMBER PE-2006012376
PROFESSIONAL ENGINEER

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DATE PREPARED
8/26/2025

ROUTE	STATE
47	MO
DISTRICT	SHEET NO.
NE	13

COUNTY
LINCOLN

JOB NO.
JNE0003

CONTRACT ID.
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PROJECT NO.
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BRIDGE NO.
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DESCRIPTION	DATE
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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

MoDOT

OATES ASSOCIATES

St. Louis
720 Olive, Suite 700
St. Louis, MO 63101
314.588.8181

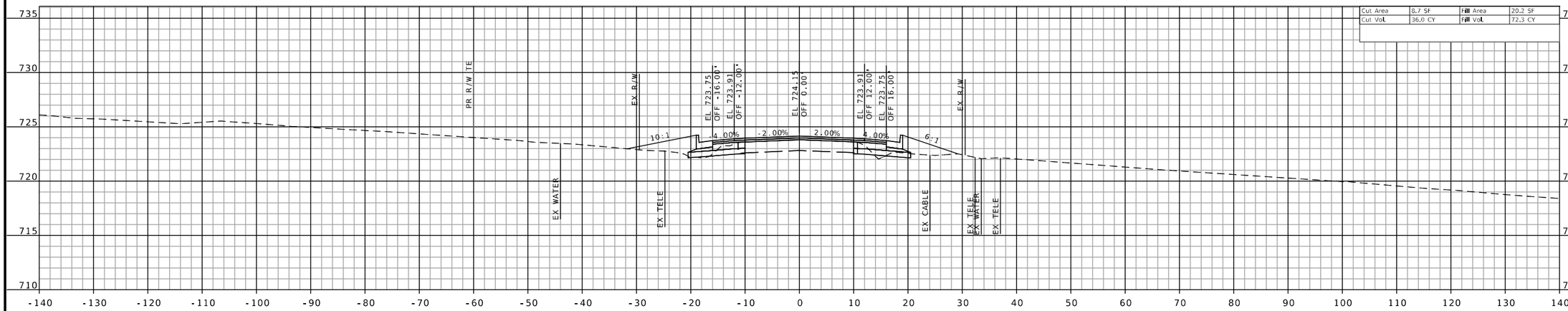
St. Charles
820 South Main, Suite 309
St. Charles, MO 63301
636.493.6277

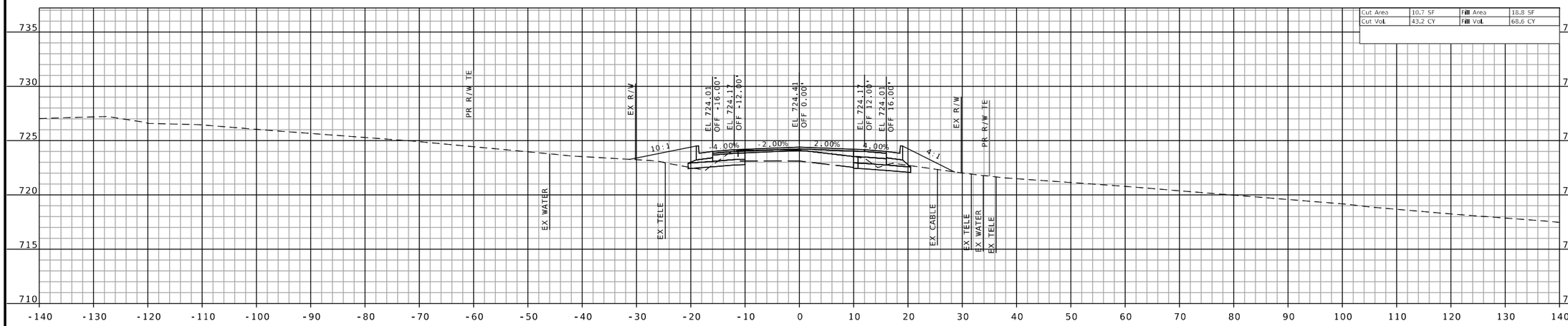
Collinsville
100 Lamper Court, Suite 1
Collinsville, IL 62234
618.343.2200

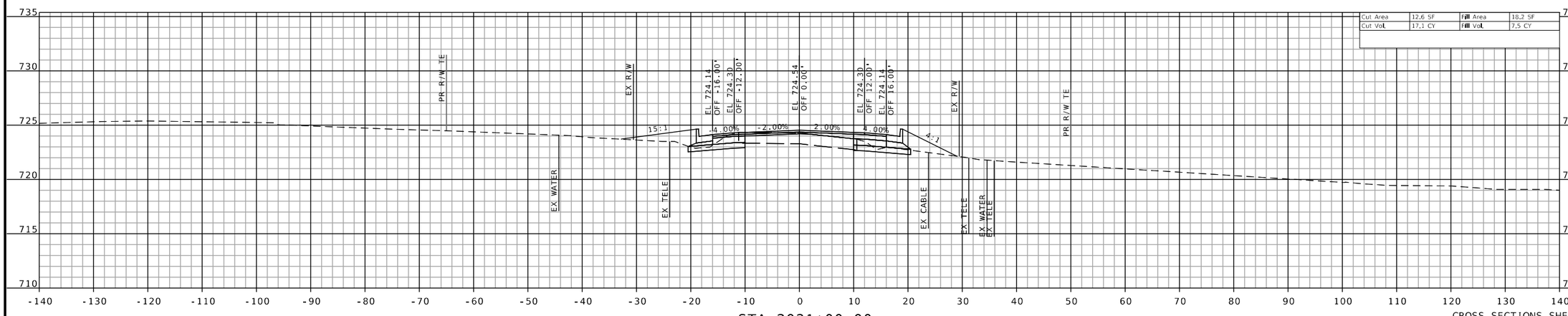
Belleville
1 South Church, Suite 200
Belleville, IL 62220
618.416.4488

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MISSOURI DESIGN FIRM PE-001166







STATE OF MISSOURI
JEFFREY R. RENSING
NUMBER PE-2006012376
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED 8/26/2025

ROUTE	STATE
47	MO
DISTRICT	SHEET NO.
NE	14

COUNTY: LINCOLN
JOB NO.: JNE0003
CONTRACT ID.: .
PROJECT NO.: .
BRIDGE NO.: .

NO.	DESCRIPTION	DATE
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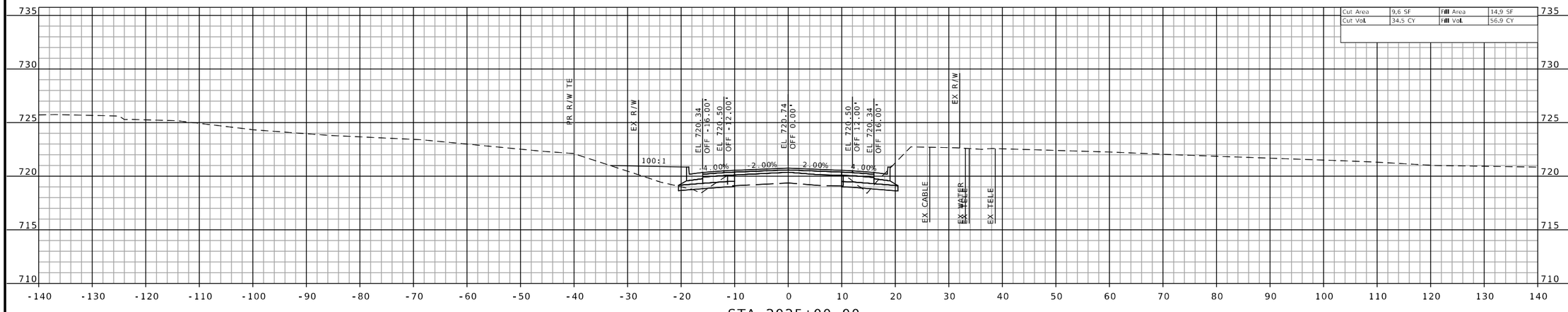
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

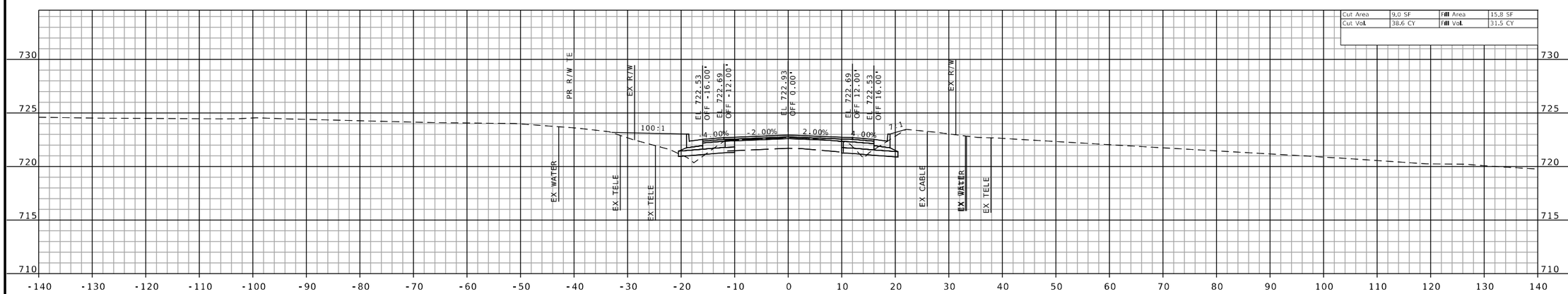
OATES ASSOCIATES
Collinsville
100 Lanter Court, Suite 1
Collinsville, IL 62234
618.345.2200
Belleville
1 South Church, Suite 200
Belleville, IL 62220
618.416.4868
St. Louis
720 Olive, Suite 700
St. Louis, MO 63101
314.588.8381
St. Charles
820 South Main, Suite 309
St. Charles, MO 63301
636.493.6277
www.oatesassociates.com
MISSOURI DESIGN FIRM PE-001166

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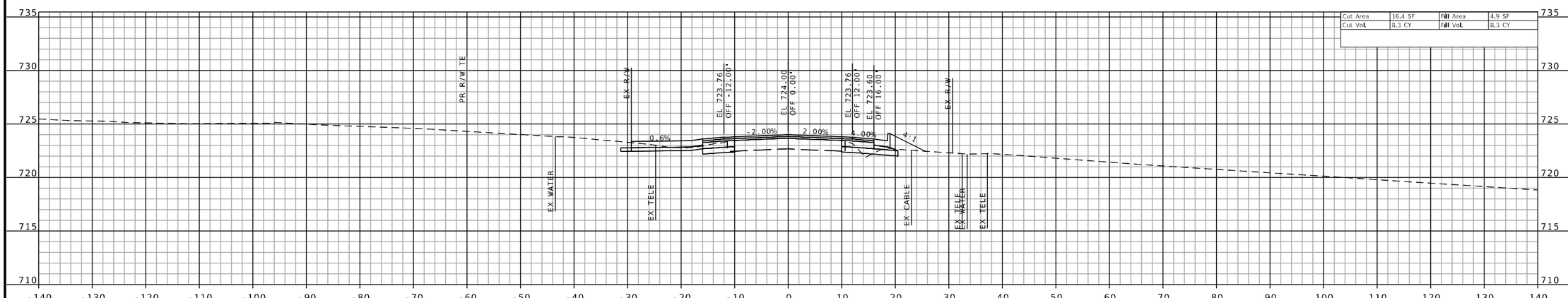
CROSS SECTIONS SHEETS
SHEET 14 OF 160



STA 2025+00.00



STA 2024+00.00



STA 2023+17.86
PE LT

CROSS SECTIONS SHEETS
SHEET 15 OF 160

STATE OF MISSOURI
JEFFREY R. RENSING
NUMBER PE-2006012376
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
8/26/2025

ROUTE	STATE
47	MO
DISTRICT	SHEET NO.
NE	15

COUNTY
LINCOLN

JOB NO.
JNE0003

CONTRACT ID.
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PROJECT NO.
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BRIDGE NO.
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DESCRIPTION	DATE
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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Collinsville
100 Lamer Court, Suite 1
Collinsville, IL 62234
618.345.2200

St. Louis
720 Olive, Suite 700
St. Louis, MO 63101
314.588.8181

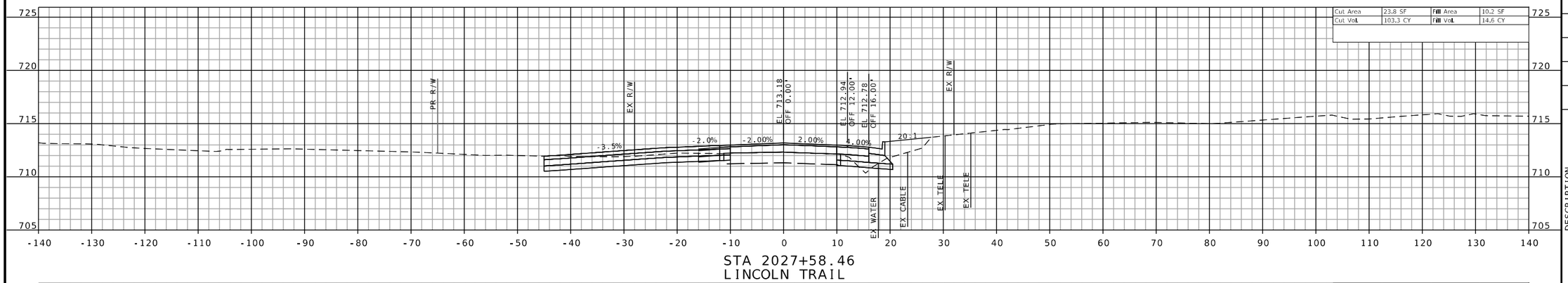
Belleville
1 South Church, Suite 200
Belleville, IL 62220
618.416.4458

St. Charles
820 South Main, Suite 309
St. Charles, MO 63301
636.493.6277

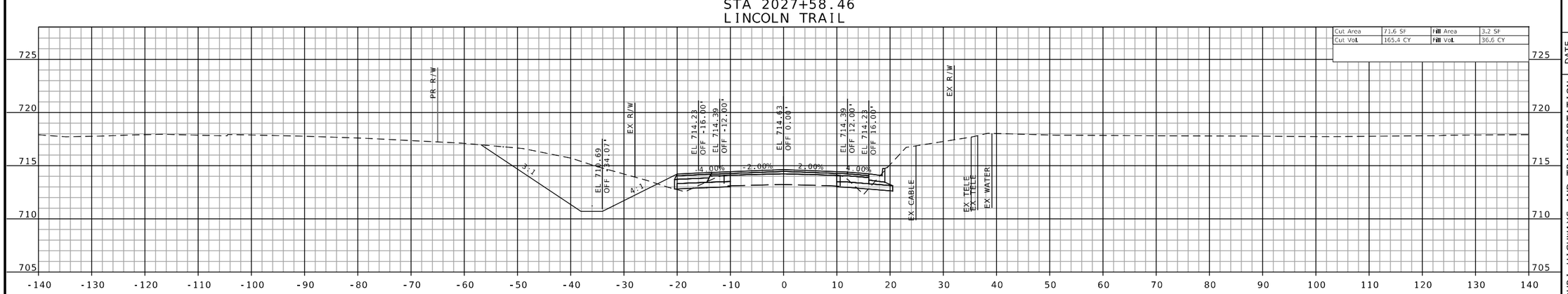
www.oatesassociates.com

OATES ASSOCIATES

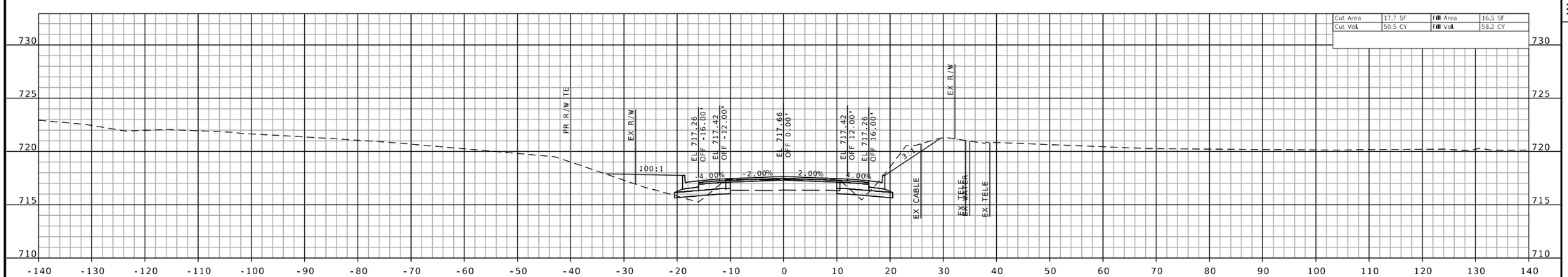
MISSOURI DESIGN FIRM PE-001166



STA 2027+58.46
LINCOLN TRAIL



STA 2027+00.00



STA 2026+00.00

CROSS SECTIONS SHEETS
SHEET 16 OF 160

H:\P\222102 - Route 47 Pavement, Safety, and Shoulder Improvements\CADD\Microstation\CADD Drawings\Testing\JNE0003 - sht-xsec-001.dgn 12:32:48 PM 8/26/2025

STATE OF MISSOURI
JEFFREY R. RENSING
NUMBER PE-2006012376
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
8/26/2025

ROUTE	STATE
47	MO
DISTRICT	SHEET NO.
NE	16

COUNTY
LINCOLN

JOB NO.
JNE0003

CONTRACT ID.
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PROJECT NO.
.

BRIDGE NO.
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IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

DESCRIPTION	DATE
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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

MoDOT

OATES ASSOCIATES

Collinsville
101 Lanzer Court, Suite 1
Collinsville, IL 62234
618.345.2200

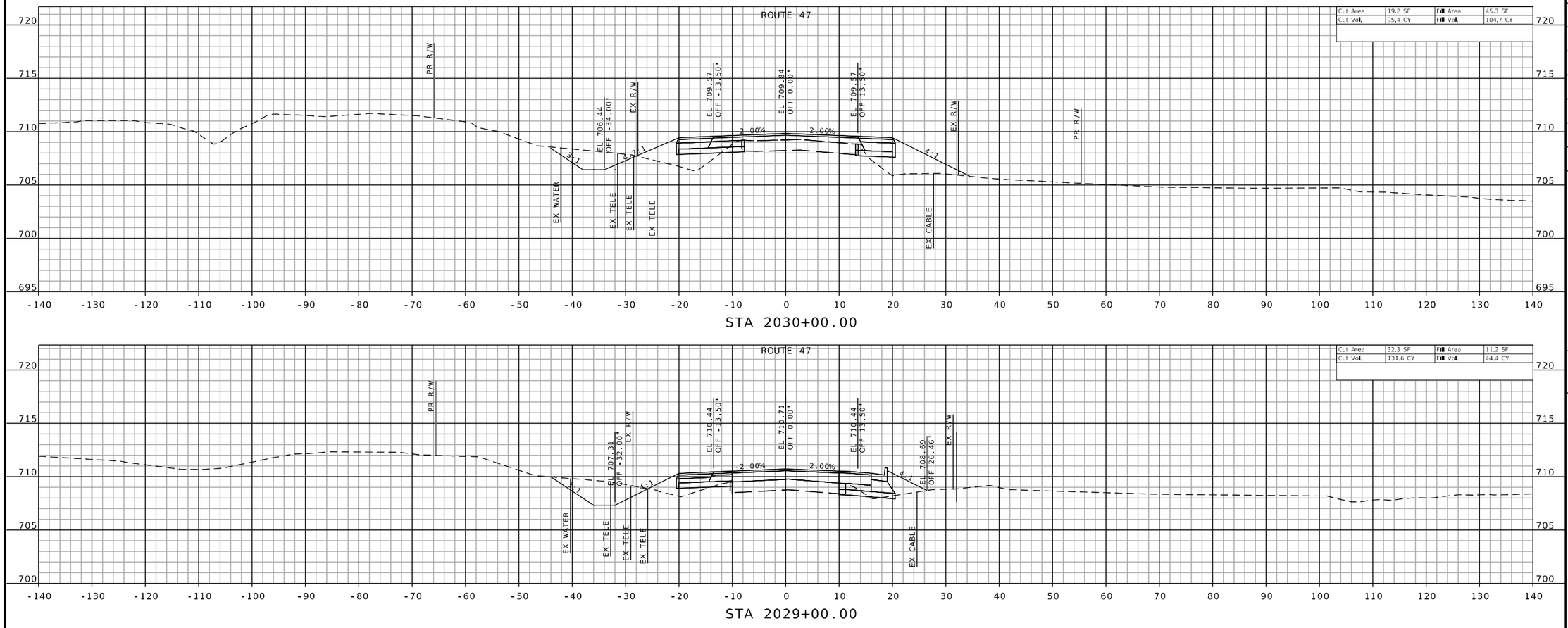
Belleville
1 South Church, Suite 200
Belleville, IL 62220
618.416.4688

St. Louis
720 Olive, Suite 700
St. Louis, MO 63101
314.588.8881

St. Charles
820 South Main, Suite 309
St. Charles, MO 63301
636.493.6277

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MISSOURI DESIGN FIRM PE-001166



STATE OF MISSOURI
JEFFREY R. RENSING
NUMBER PE-2006012376
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
8/26/2025

ROUTE	STATE
47	MO
DISTRICT	SHEET NO.
NE	17

COUNTY
LINCOLN

JOB NO.
JNE0003

CONTRACT ID.
.

PROJECT NO.
.

BRIDGE NO.
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DATE	DESCRIPTION
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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

OATES ASSOCIATES
MISSOURI DESIGN FIRM PE-001166

Collinsville
101 Lanter Court, Suite 1
Collinsville, IL 62234
618.345.2200

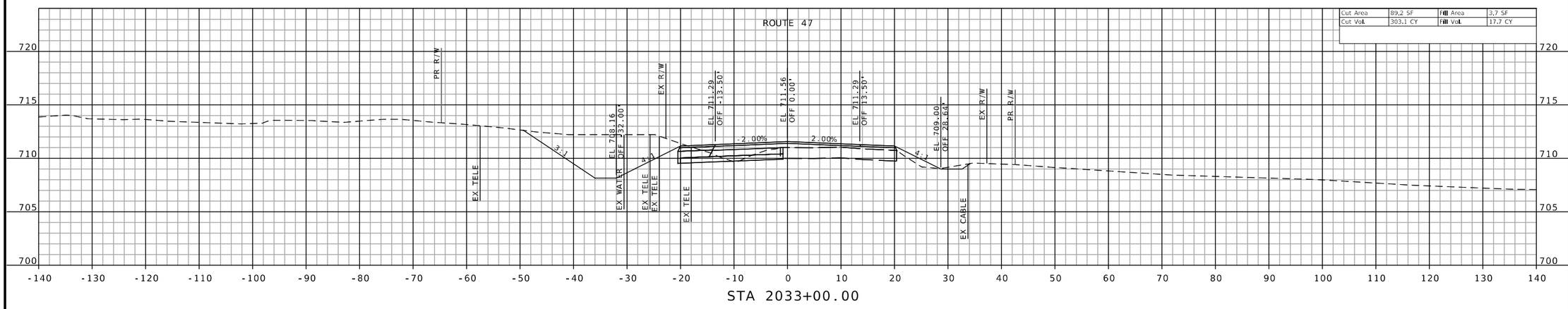
Belleville
1 South Church, Suite 200
Belleville, IL 62220
618.416.6488

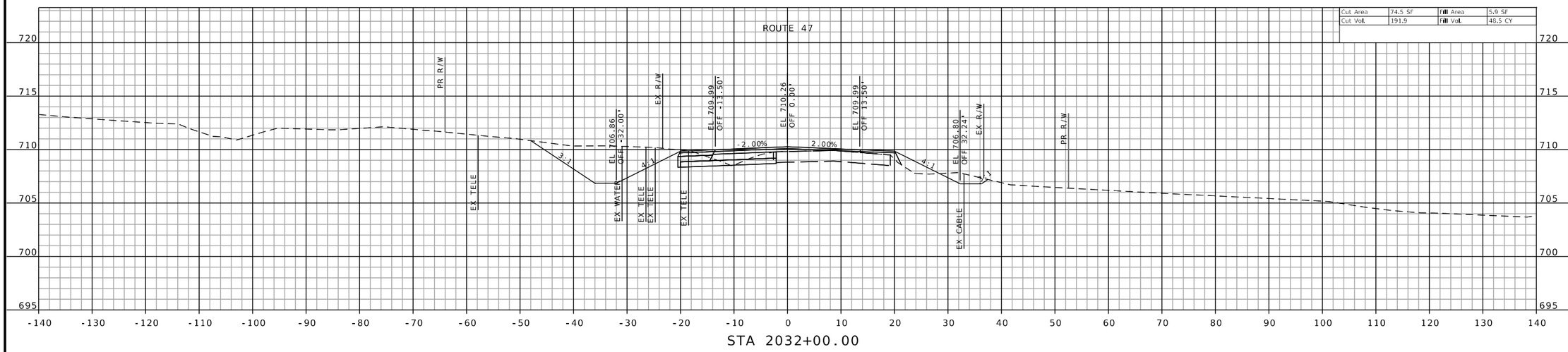
St. Louis
720 Olive, Suite 700
St. Louis, MO 63101
314.588.8881

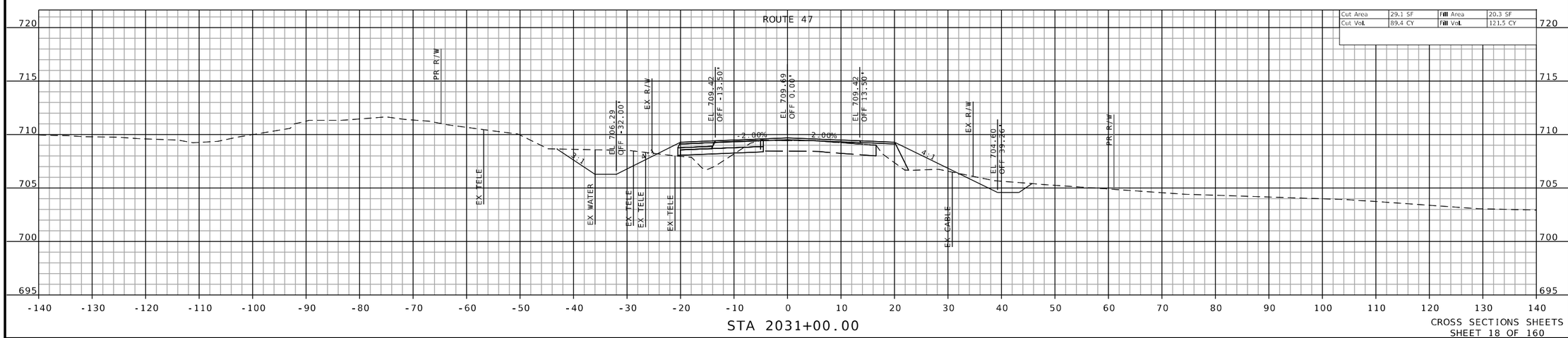
St. Charles
820 South Main, Suite 309
St. Charles, MO 63301
636.493.6277

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H:\P\222102 - Route 47 Pavement, Safety, and Shoulder Improvements\CADD\Microstation\CADD Drawings\Testing\JNE0003 - sht-xsec-001.dgn 12:33:32 PM 8/26/2025







STATE OF MISSOURI
JEFFREY R. RENSING
NUMBER PE-2006012376
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
8/26/2025

ROUTE	STATE
47	MO
DISTRICT	SHEET NO.
NE	18

COUNTY
LINCOLN

JOB NO.
JNE0003

CONTRACT ID.
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PROJECT NO.
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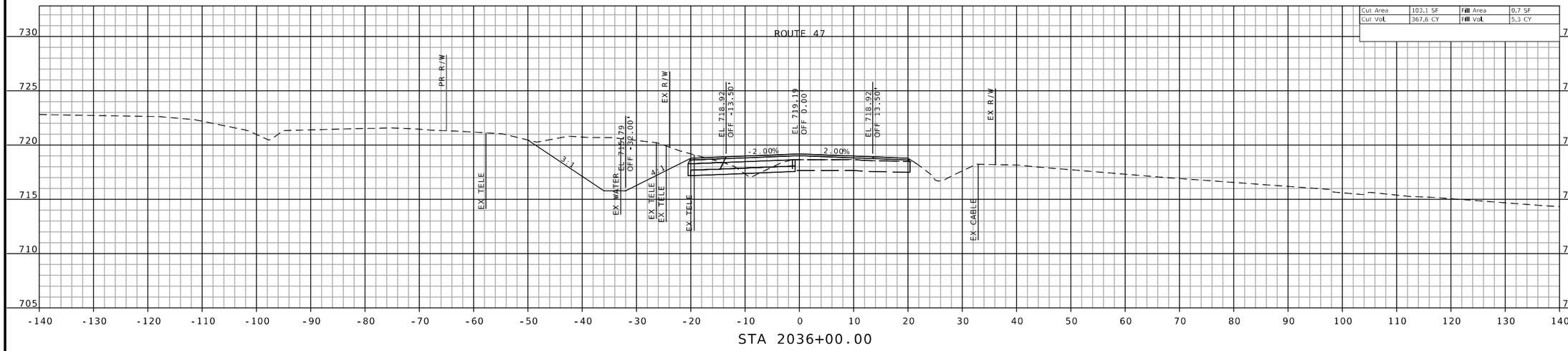
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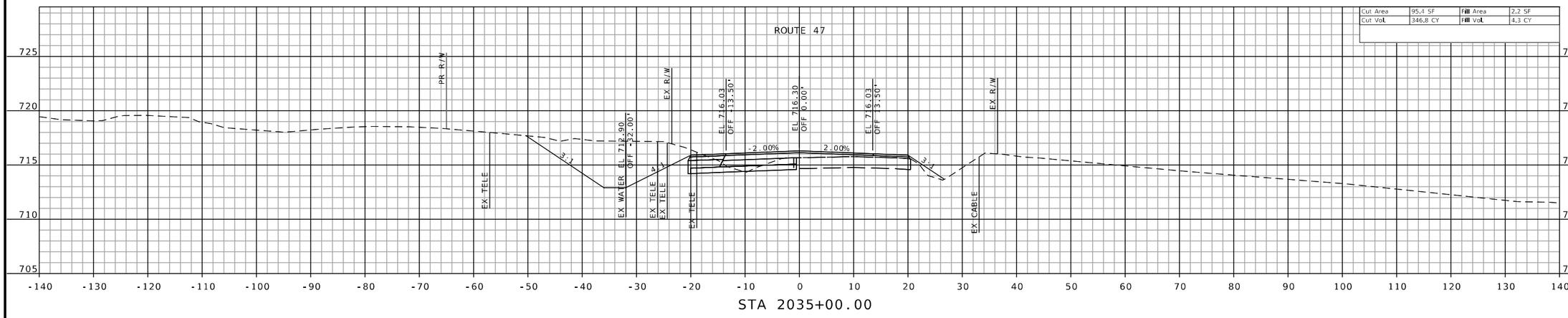
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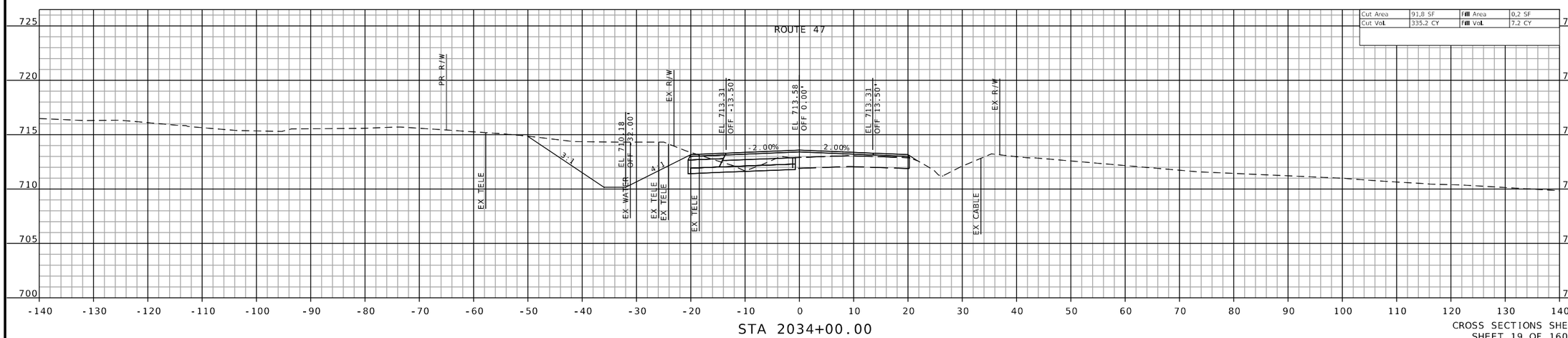
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
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OATES ASSOCIATES
Collinsville
100 Lamper Court, Suite 1
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618-343-2200
Belleville
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Belleville, IL 62220
618-416-4688
St. Louis
720 Olive, Suite 700
St. Louis, MO 63101
314-588-8381
St. Charles
820 South Main, Suite 309
St. Charles, MO 63301
636-493-5277
www.oatesassociates.com
MISSOURI DESIGN FIRM PE-001166

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.







STATE OF MISSOURI
JEFFREY R. RENSING
NUMBER PE-2006012376
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED 8/26/2025

ROUTE	STATE
47	MO
DISTRICT	SHEET NO.
NE	19

COUNTY: LINCOLN
JOB NO.: JNE0003
CONTRACT ID.: .
PROJECT NO.: .
BRIDGE NO.: .

DATE	DESCRIPTION
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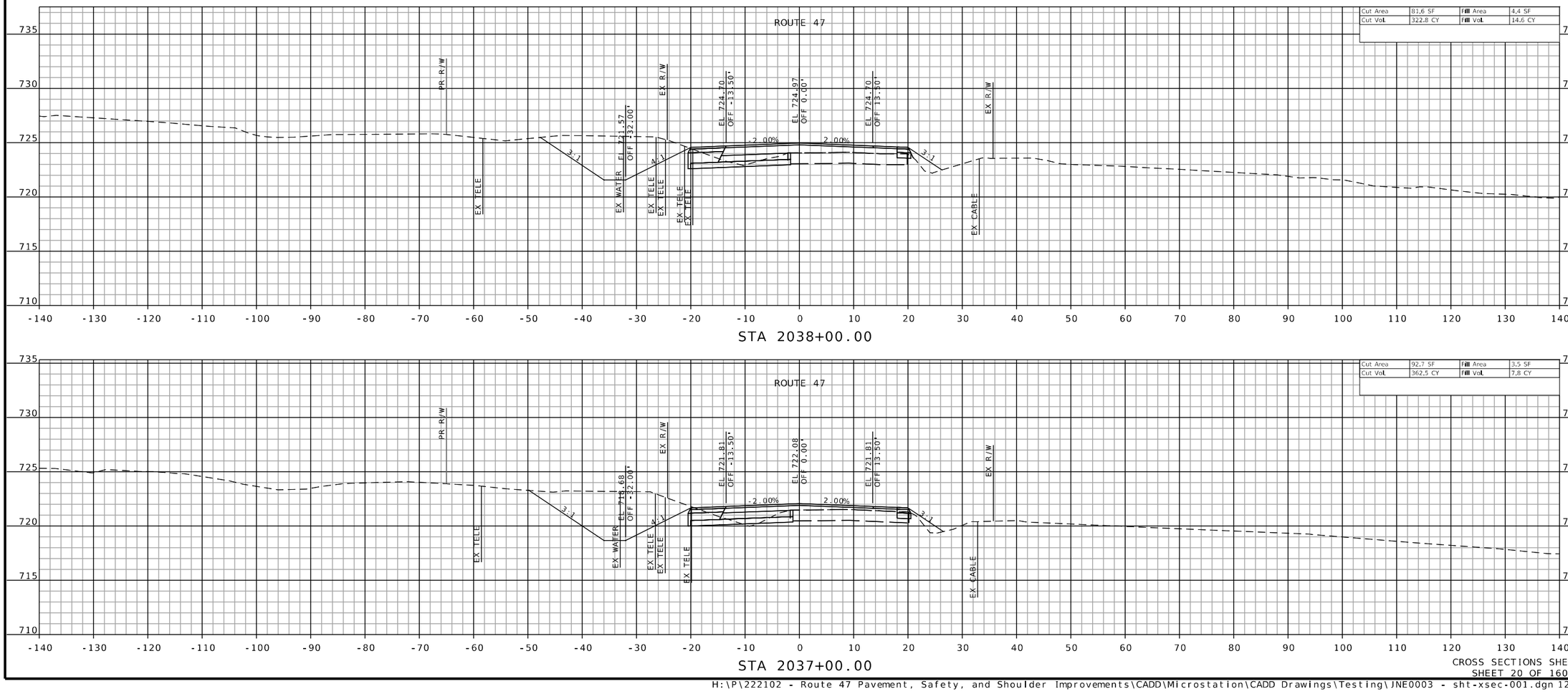
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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
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Belleville
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Belleville, IL 62220
618.416.4688
St. Louis
720 Olive, Suite 700
St. Louis, MO 63101
314.588.8881
St. Charles
820 South Main, Suite 309
St. Charles, MO 63301
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www.oatesassociates.com
MISSOURI DESIGN FIRM PE-001166

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PHASE 1-1 EARTHWORK - STATION 2000+00 TO 2039+00
CLASS A EXCAVATION 6024 CUYD
COMPACTING EMBANKMENT 2244 CUYD



CROSS SECTIONS SHEETS
SHEET 20 OF 160

STATE OF MISSOURI
JEFFREY R. RENSING
NUMBER PE-2006012376
PROFESSIONAL ENGINEER

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DATE PREPARED
8/26/2025

ROUTE	STATE
47	MO
DISTRICT	SHEET NO.
NE	20

COUNTY
LINCOLN

JOB NO.
JNE0003

CONTRACT ID.
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PROJECT NO.
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BRIDGE NO.
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DESCRIPTION	DATE
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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
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618.345.2200

Belleville
1 South Church, Suite 200
Belleville, IL 62220
618.416.4888

St. Louis
720 Olive, Suite 700
St. Louis, MO 63101
314.288.8381

St. Charles
820 South Main, Suite 309
St. Charles, MO 63301
636.493.6277

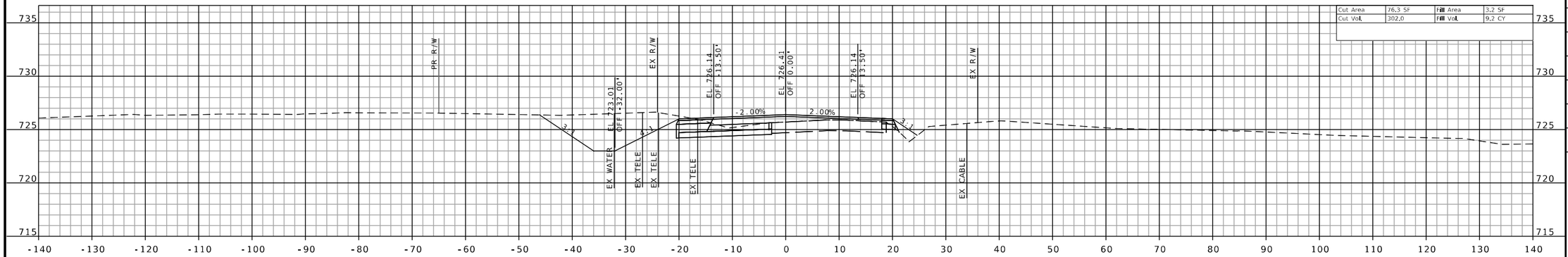
www.oatesassociates.com

MISSOURI DESIGN FIRM PE-001166

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

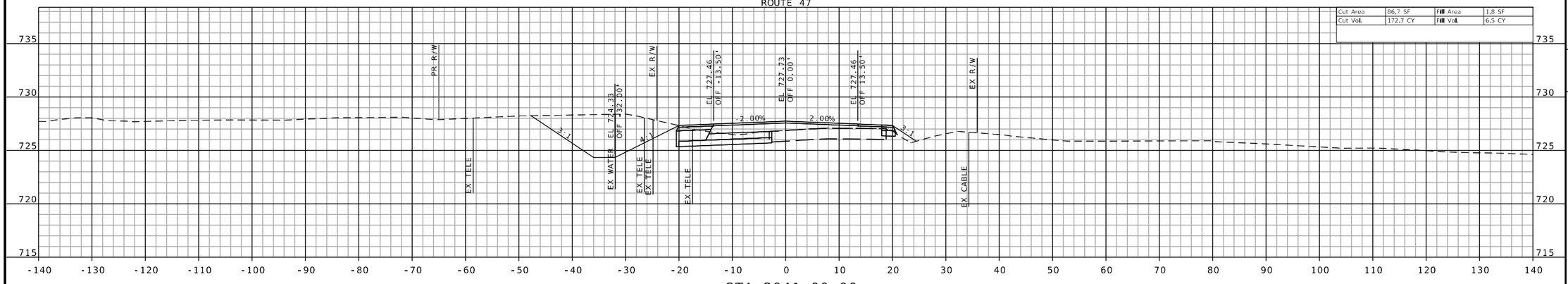
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ROUTE 47



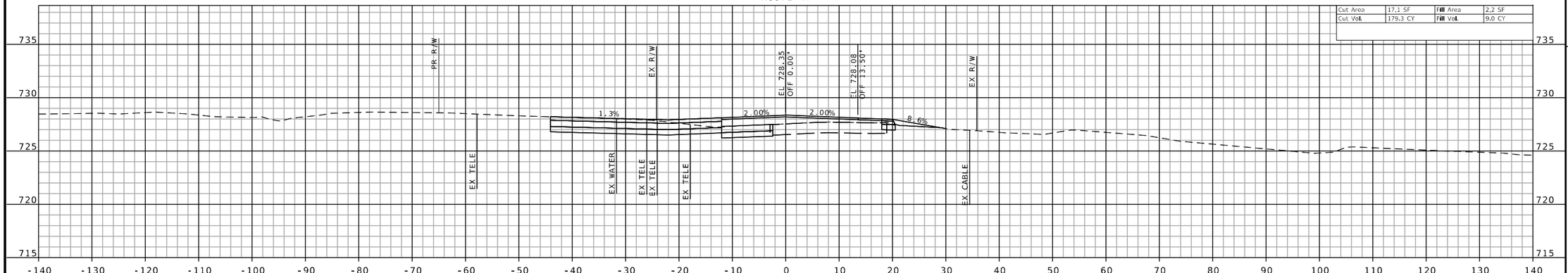
STA 2042+00.00

ROUTE 47



STA 2041+00.00

ROUTE 47



STA 2040+10.15
PE RT
FARM DR

CROSS SECTIONS SHEETS
SHEET 21 OF 160

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STATE OF MISSOURI
JEFFREY R. RENSING
NUMBER PE-2006012376
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
8/26/2025

ROUTE	STATE
47	MO
DISTRICT	SHEET NO.
NE	21

COUNTY
LINCOLN

JOB NO.
JNE0003

CONTRACT ID.
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PROJECT NO.
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BRIDGE NO.
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DESCRIPTION	DATE
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IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

OATES ASSOCIATES
MISSOURI DESIGN FIRM PE-001166

Collinsville
100 Lamper Court, Suite 1
Collinsville, IL 62234
618.345.2200

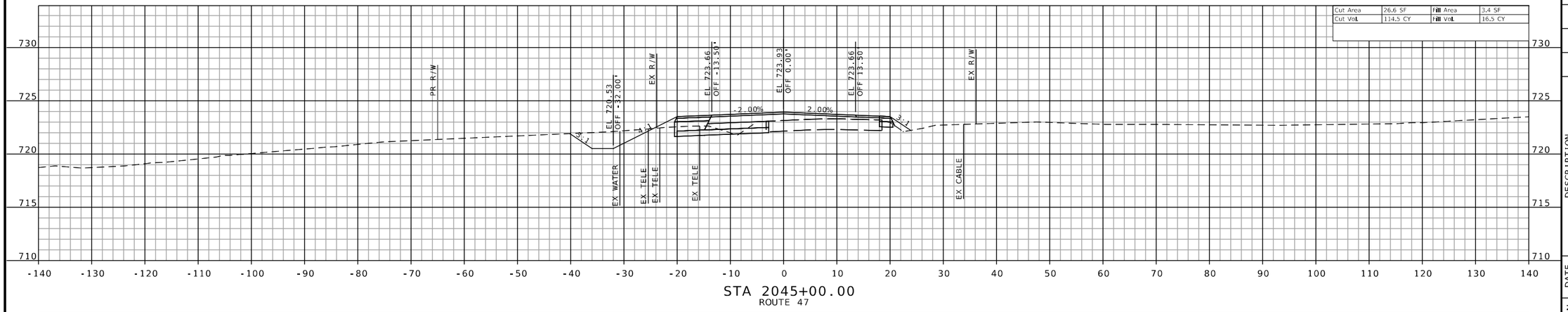
Belleville
1 South Church, Suite 200
Belleville, IL 62220
618.416.4488

St. Louis
720 Olive, Suite 700
St. Louis, MO 63101
314.588.8881

St. Charles
820 South Main, Suite 309
St. Charles, MO 63301
636.493.6277

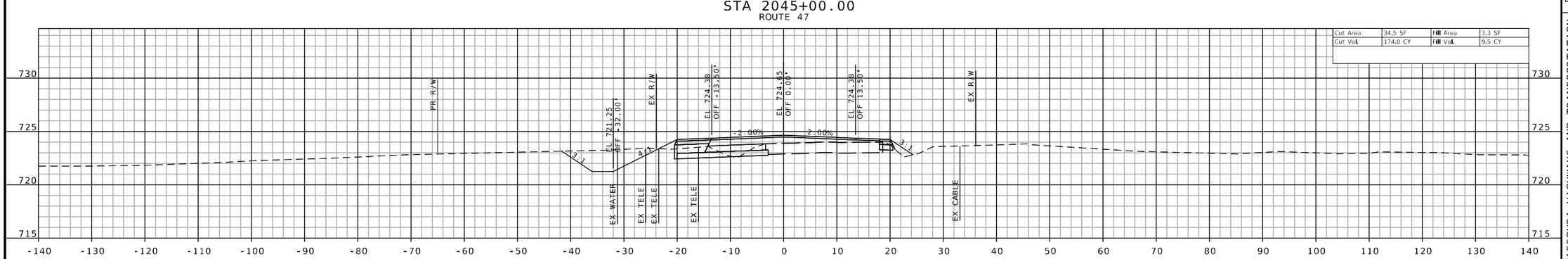
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ROUTE 47



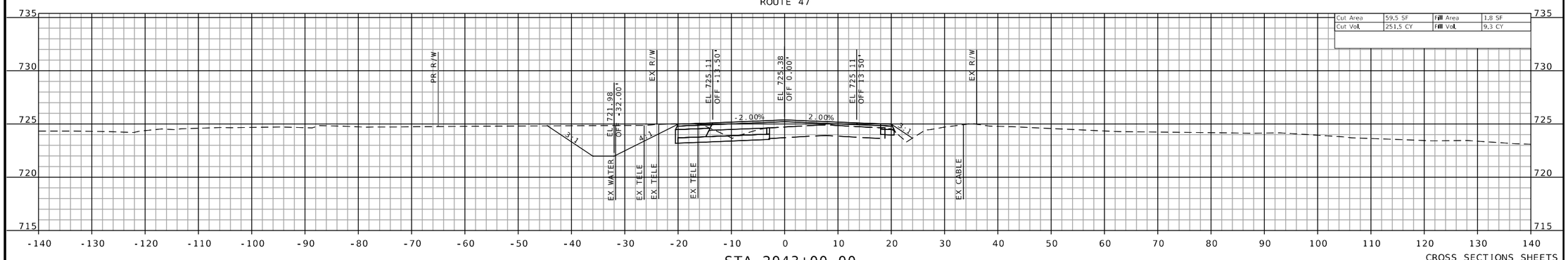
STA 2045+00.00

ROUTE 47



STA 2044+00.00

ROUTE 47



STA 2043+00.00

STATE OF MISSOURI
JEFFREY R. RENSING
NUMBER PE-2006012376
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
8/26/2025

ROUTE	STATE
47	MO
DISTRICT	SHEET NO.
NE	22

COUNTY
LINCOLN

JOB NO.
JNE0003

CONTRACT ID.
.

PROJECT NO.
.

BRIDGE NO.
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DATE	DESCRIPTION
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IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

OATES ASSOCIATES
MISSOURI DESIGN FIRM PE-001166

St. Louis
720 Olive Street, Suite 700
St. Louis, MO 63101
314.588.8381

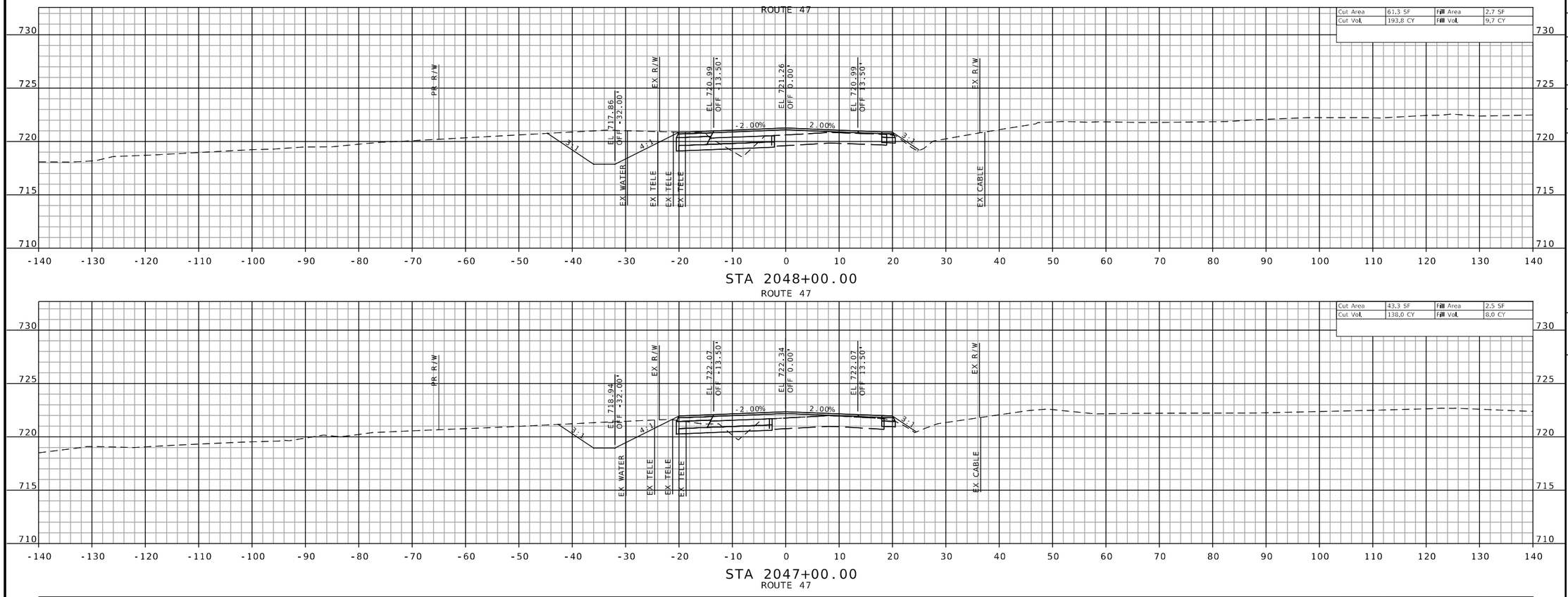
St. Charles
805 South Main, Suite 309
St. Charles, MO 63301
636.493.6277

Collinsville
100 Lamer Court, Suite 1
Collinsville, IL 62234
618.345.2200

Belleville
1 South Church, Suite 200
Belleville, IL 62220
618.416.4888

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CROSS SECTIONS SHEETS
SHEET 22 OF 160



CROSS SECTIONS SHEETS
SHEET 23 OF 160

STATE OF MISSOURI
JEFFREY R. RENSING
NUMBER PE-2006012376
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
8/26/2025

ROUTE	STATE
47	MO
DISTRICT	SHEET NO.
NE	23

COUNTY
LINCOLN

JOB NO.
JNE0003

CONTRACT ID.
.

PROJECT NO.
.

BRIDGE NO.
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DESCRIPTION	DATE
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IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

OATES ASSOCIATES
MISSOURI DESIGN FIRM PE-001166

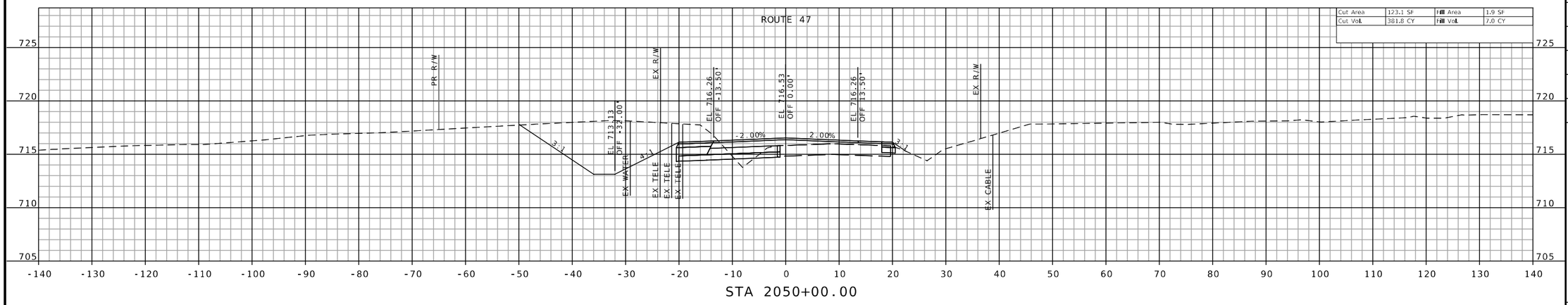
Collinsville
100 Lamer Court, Suite 1
Collinsville, IL 62234
618.345.2200

Belleville
1 South Church, Suite 200
Belleville, IL 62220
618.416.4588

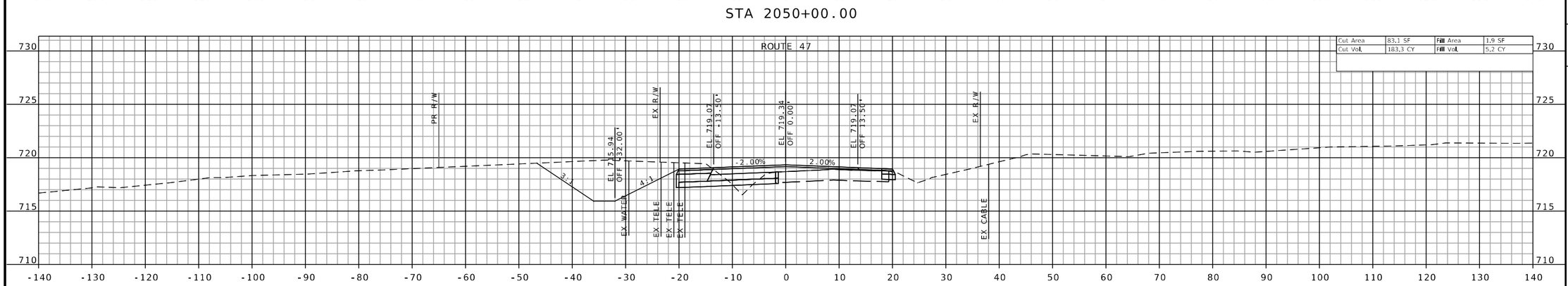
St. Louis
720 Olive, Suite 700
St. Louis, MO 63101
314.588.8881

St. Charles
820 South Main, Suite 309
St. Charles, MO 63301
636.493.6277

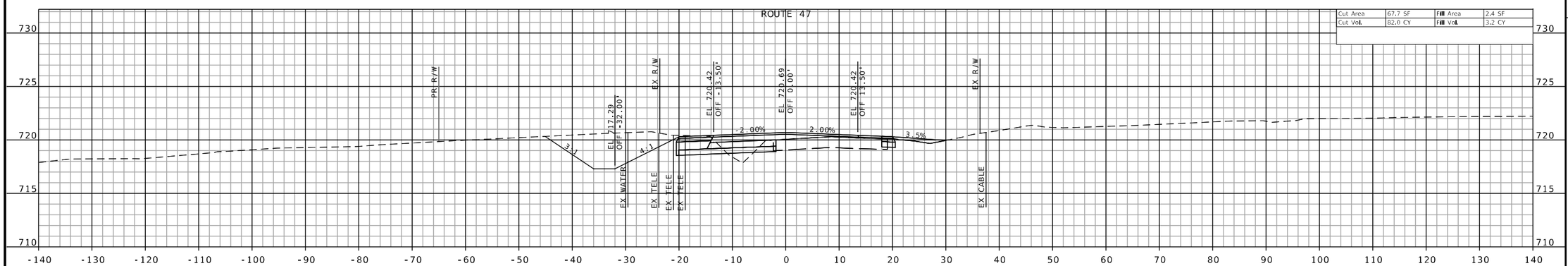
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STA 2050+00.00



STA 2049+00.00



STA 2048+34.34
FE RT

CROSS SECTIONS SHEETS
SHEET 24 OF 160

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STATE OF MISSOURI
JEFFREY R. RENSING
NUMBER PE-2006012376
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
8/26/2025

ROUTE	STATE
47	MO
DISTRICT	SHEET NO.
NE	24

COUNTY
LINCOLN

JOB NO.
JNE0003

CONTRACT ID.
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PROJECT NO.
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BRIDGE NO.
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DESCRIPTION	DATE
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IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

OATES ASSOCIATES

Collinsville
100 Lamper Court, Suite 1
Collinsville, IL 62234
618.343.2200

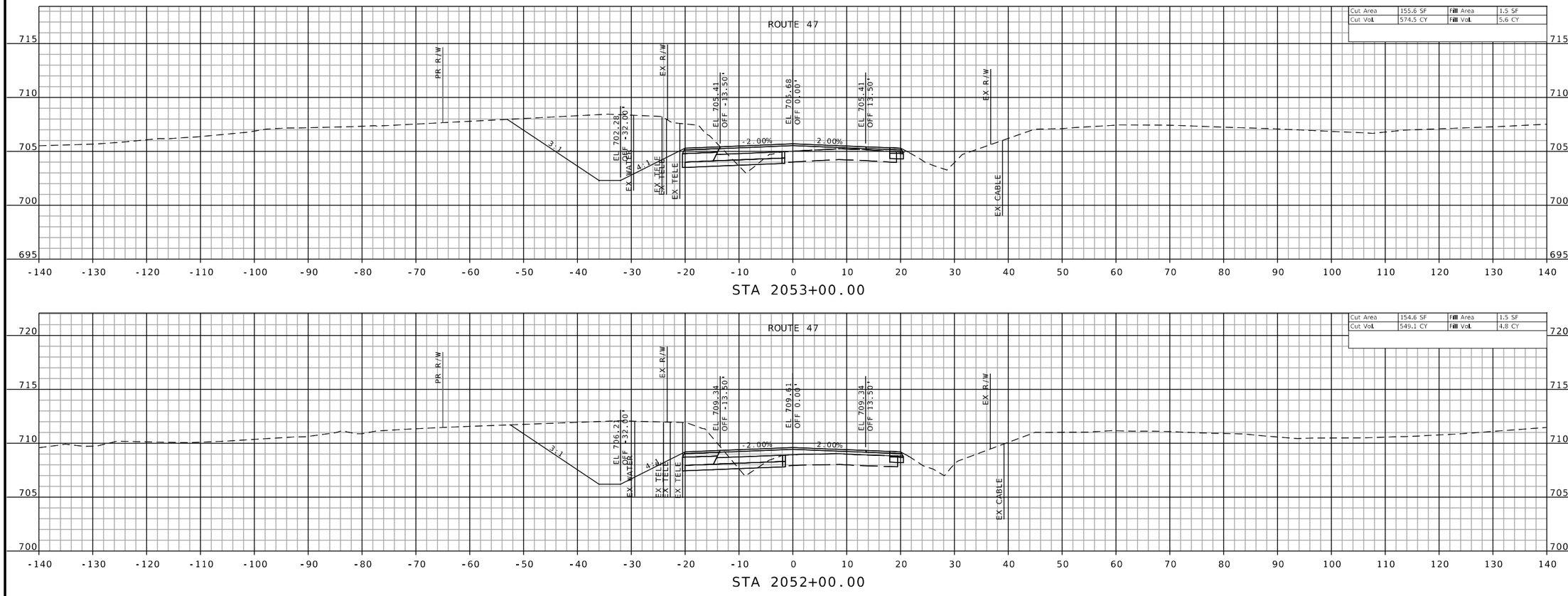
Belleville
1 South Church, Suite 200
Belleville, IL 62220
618.416.4488

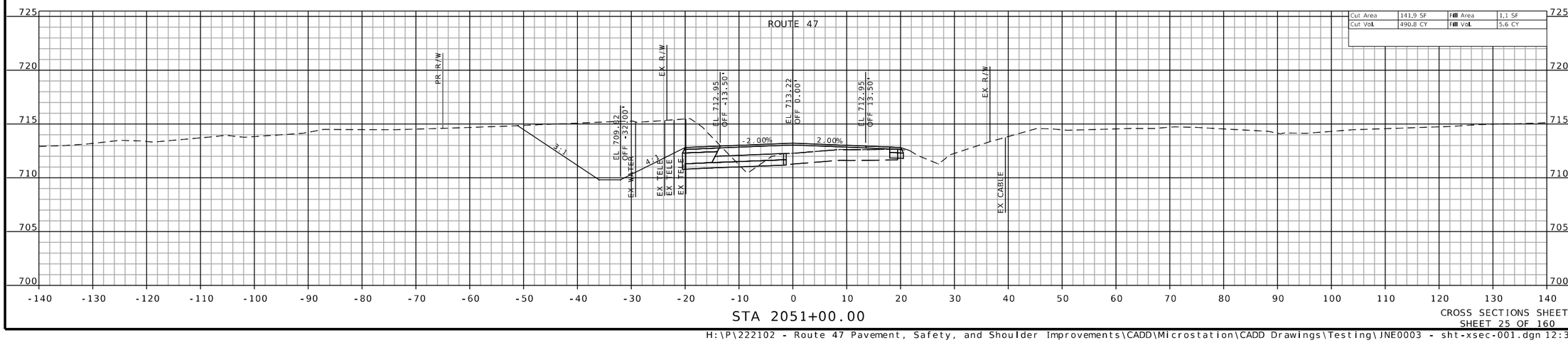
St. Louis
720 Olive, Suite 700
St. Louis, MO 63101
314.588.8381

St. Charles
820 South Main, Suite 309
St. Charles, MO 63301
636.493.6277

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MISSOURI DESIGN FIRM PE-001166





CROSS SECTIONS SHEETS
SHEET 25 OF 160

STATE OF MISSOURI
JEFFREY R. RENSING
NUMBER PE-2006012376
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
8/26/2025

ROUTE	STATE
47	MO
DISTRICT	SHEET NO.
NE	25

COUNTY
LINCOLN

JOB NO.
JNE0003

CONTRACT ID.
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PROJECT NO.
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BRIDGE NO.
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DESCRIPTION	DATE
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IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

MoDOT

OATES ASSOCIATES

St. Louis
720 Olive, Suite 700
St. Louis, MO 63101
314-588-8181

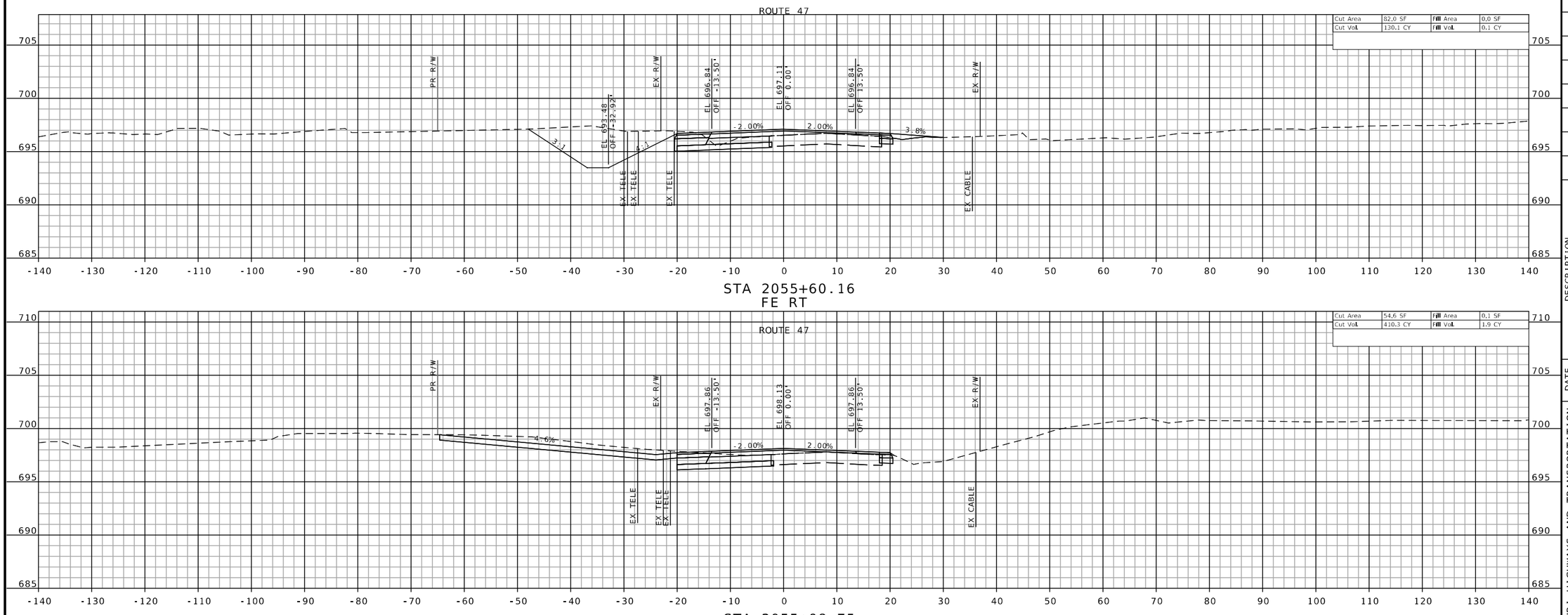
St. Charles
820 South Main, Suite 309
St. Charles, MO 63301
636-493-5277

Collinsville
100 Lamper Court, Suite 1
Collinsville, IL 62234
618-343-2200

Belleville
1 South Church, Suite 200
Belleville, IL 62220
618-416-4688

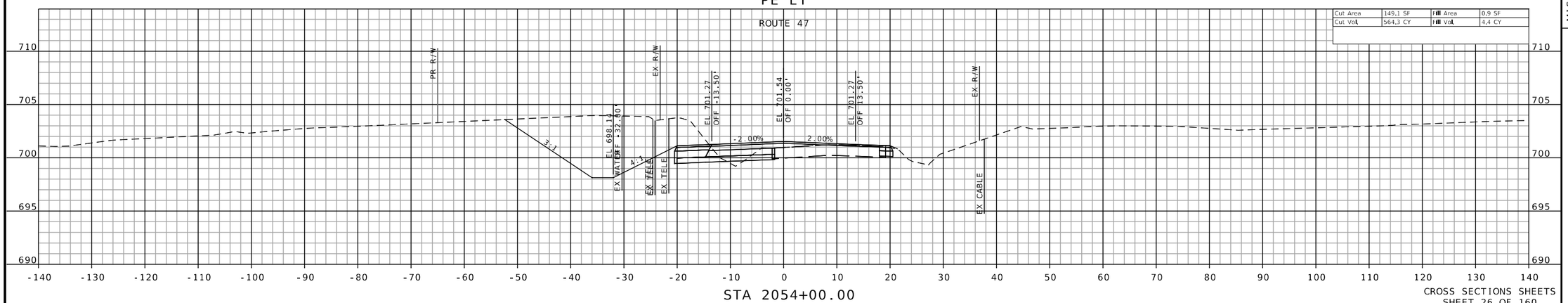
www.oatesassociates.com

MISSOURI DESIGN FIRM PE-001166



STA 2055+60.16
FE RT

STA 2055+08.75
PE LT



STA 2054+00.00

CROSS SECTIONS SHEETS
SHEET 26 OF 160

STATE OF MISSOURI
JEFFREY R. RENSING
NUMBER PE-2006012376
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
8/26/2025

ROUTE	STATE
47	MO
DISTRICT	SHEET NO.
NE	26

COUNTY
LINCOLN

JOB NO.
JNE0003

CONTRACT ID.
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PROJECT NO.
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BRIDGE NO.
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DESCRIPTION	DATE
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IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

MoDOT

OATES ASSOCIATES

Collinsville
100 Lamer Court, Suite 1
Collinsville, IL 62234
618.345.2200

St. Louis
720 Olive, Suite 700
St. Louis, MO 63101
314.588.3881

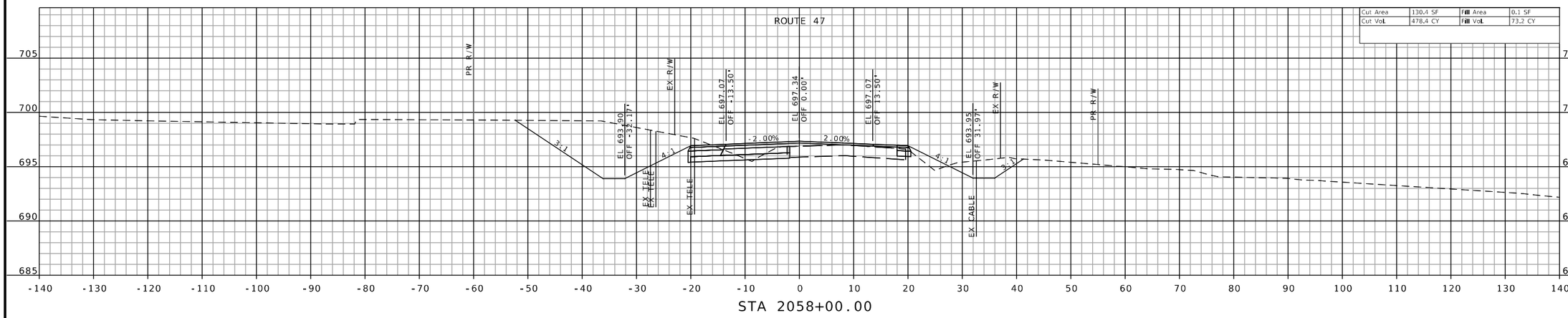
Belleville
1 South Church, Suite 200
Belleville, IL 62220
618.416.4488

St. Charles
820 South Main, Suite 309
St. Charles, MO 63301
636.493.6277

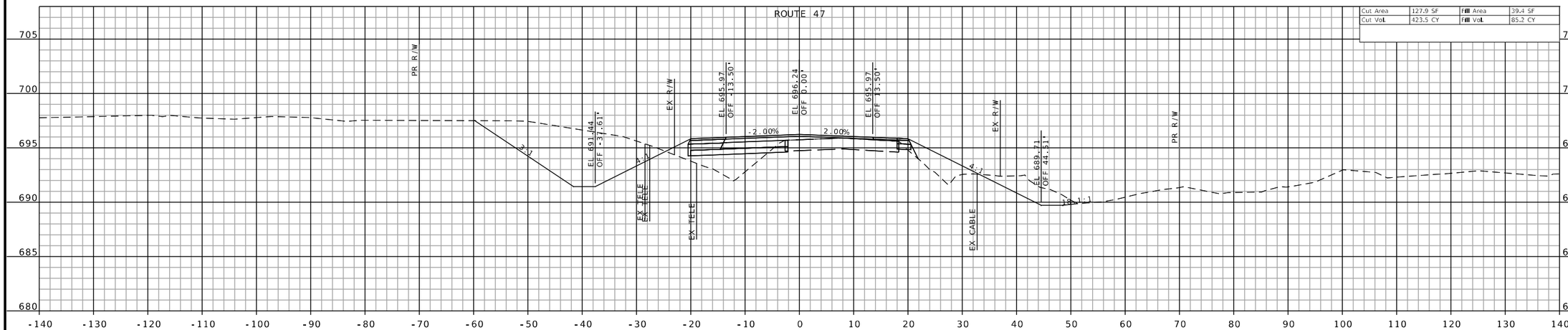
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MISSOURI DESIGN FIRM PE-001166

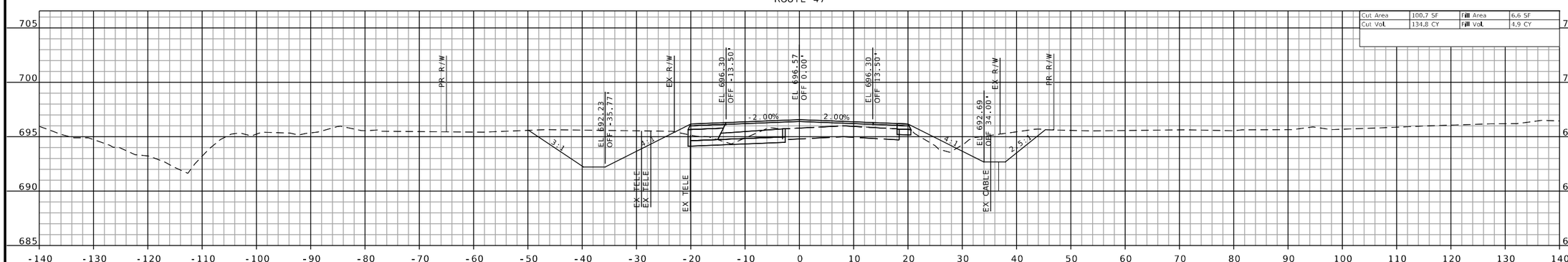
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STA 2058+00.00



STA 2057+00.00
ROUTE 47



STA 2056+00.00

CROSS SECTIONS SHEETS
SHEET 27 OF 160

STATE OF MISSOURI
JEFFREY R. RENSING
NUMBER PE-2006012376
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
8/26/2025

ROUTE	STATE
47	MO
DISTRICT	SHEET NO.
NE	27

COUNTY
LINCOLN

JOB NO.
JNE0003

CONTRACT ID.
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PROJECT NO.
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BRIDGE NO.
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DESCRIPTION	DATE
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IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

MoDOT

OATES ASSOCIATES

Collinsville
100 Lamper Court, Suite 1
Collinsville, IL 62234
618.345.2200

Belleville
1 South Church, Suite 200
Belleville, IL 62220
618.416.4688

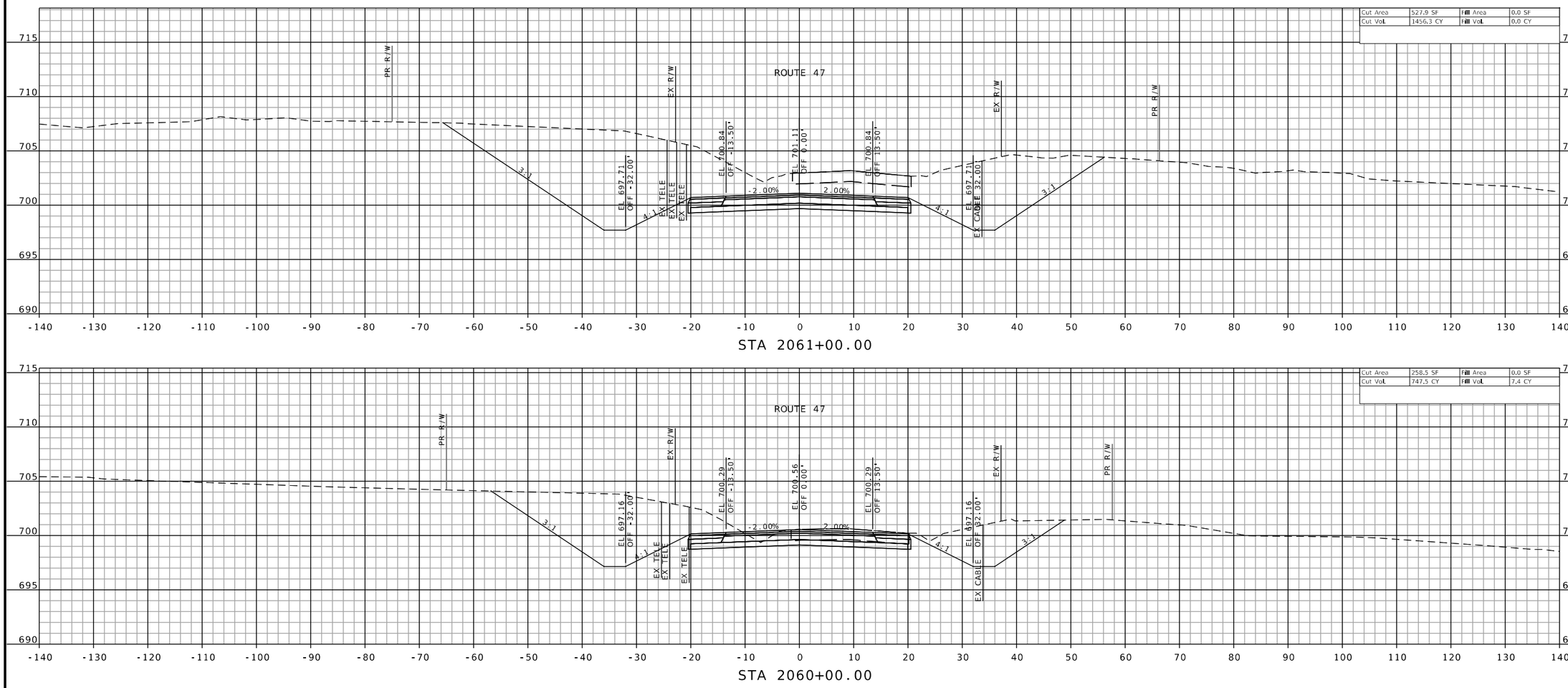
St. Louis
720 Olive, Suite 700
St. Louis, MO 63101
314.588.8381

St. Charles
820 South Main, Suite 309
St. Charles, MO 63301
636.493.6277

www.oatesassociates.com

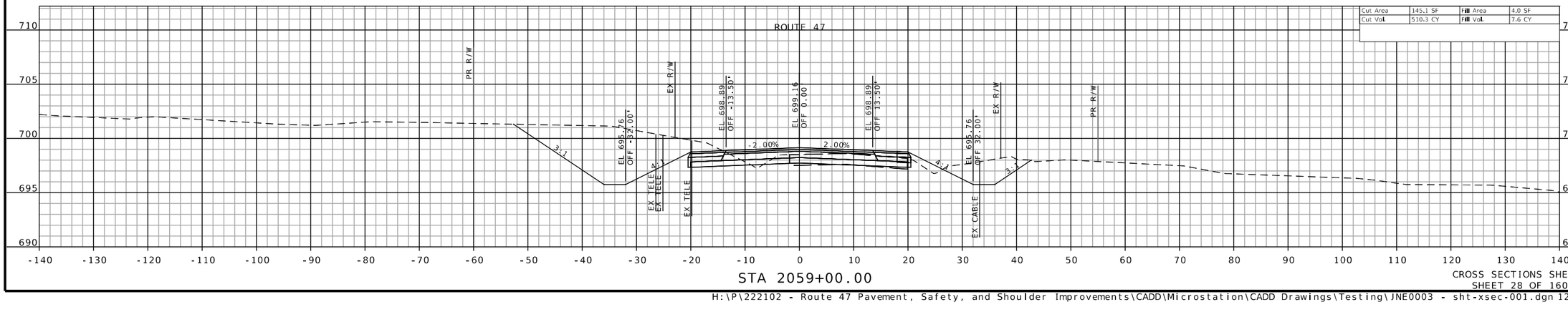
MISSOURI DESIGN FIRM PE-001166

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Cut Area	527.9 SF	Fill Area	0.0 SF
Cut Vol.	1456.3 CY	Fill Vol.	0.0 CY

Cut Area	258.5 SF	Fill Area	0.0 SF
Cut Vol.	747.5 CY	Fill Vol.	7.4 CY



Cut Area	145.1 SF	Fill Area	4.0 SF
Cut Vol.	510.3 CY	Fill Vol.	7.6 CY

CROSS SECTIONS SHEETS
SHEET 28 OF 160

STATE OF MISSOURI
JEFFREY R. RENSING
NUMBER PE-2006012376
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
8/26/2025

ROUTE	STATE
47	MO
DISTRICT	SHEET NO.
NE	28

COUNTY
LINCOLN

JOB NO.
JNE0003

CONTRACT ID.
.

PROJECT NO.
.

BRIDGE NO.
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IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

DATE	DESCRIPTION
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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

MoDOT

OATES ASSOCIATES

Collinsville
101 Lanter Court, Suite 1
Collinsville, IL 62234
618.343.2200

Belleville
1 South Church, Suite 200
Belleville, IL 62220
618.416.6488

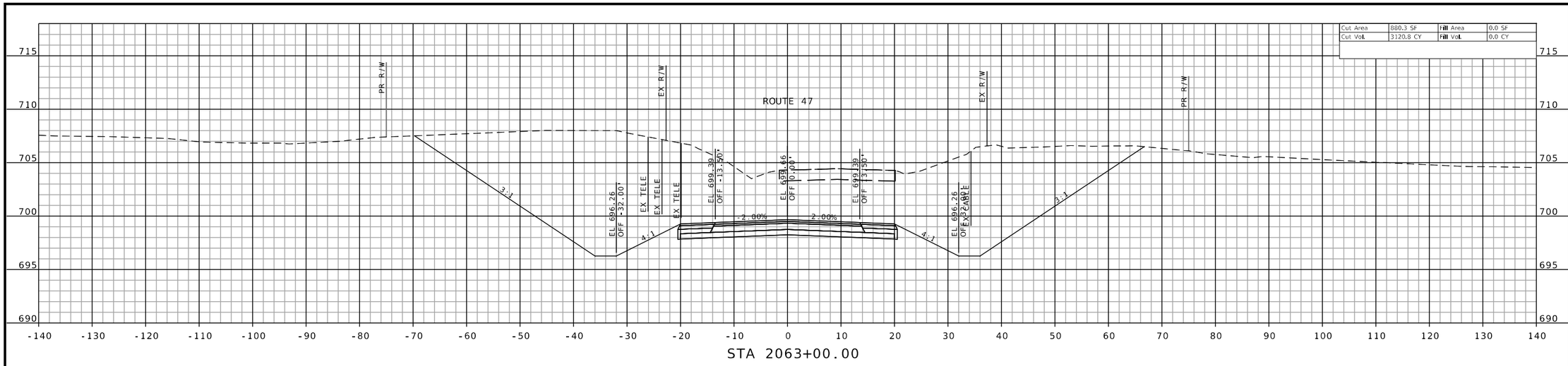
St. Louis
720 Olive, Suite 700
St. Louis, MO 63101
314.588.8881

St. Charles
820 South Main, Suite 309
St. Charles, MO 63301
636.493.6277

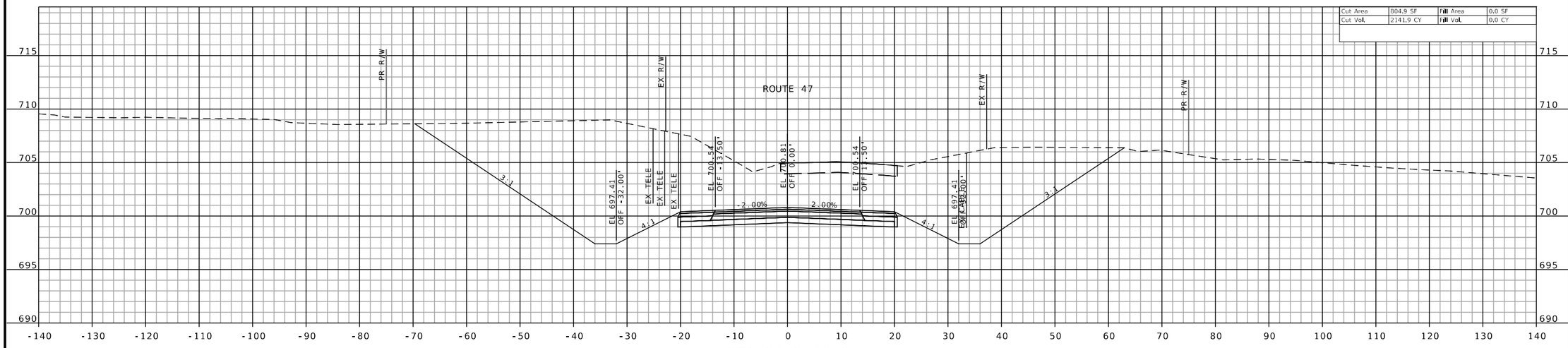
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MISSOURI DESIGN FIRM PE-001166

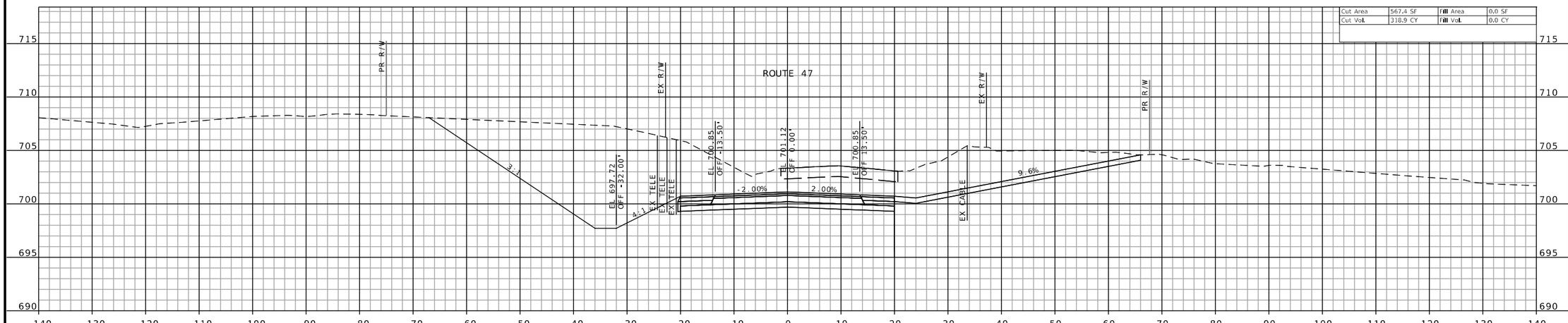
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STA 2063+00.00



STA 2062+00.00



STA 2061+15.72
PE RT

CROSS SECTIONS SHEETS
SHEET 29 OF 160

STATE OF MISSOURI
JEFFREY R. RENSING
NUMBER PE-2006012376
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
8/26/2025

ROUTE	STATE
47	MO
DISTRICT	SHEET NO.
NE	29

COUNTY
LINCOLN

JOB NO.
JNE0003

CONTRACT ID.
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PROJECT NO.
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BRIDGE NO.
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DESCRIPTION	DATE
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IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

MoDOT

OATES ASSOCIATES

Collinsville
100 Lamper Court, Suite 1
Collinsville, IL 62234
618-343-2200

Belleville
1 South Church, Suite 200
Belleville, IL 62220
618-416-4488

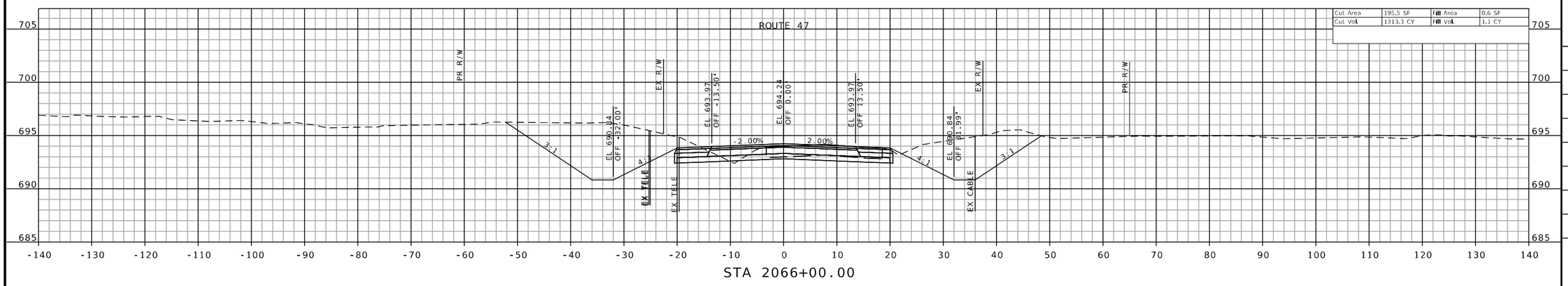
St. Louis
720 Olive, Suite 700
St. Louis, MO 63101
314-588-8381

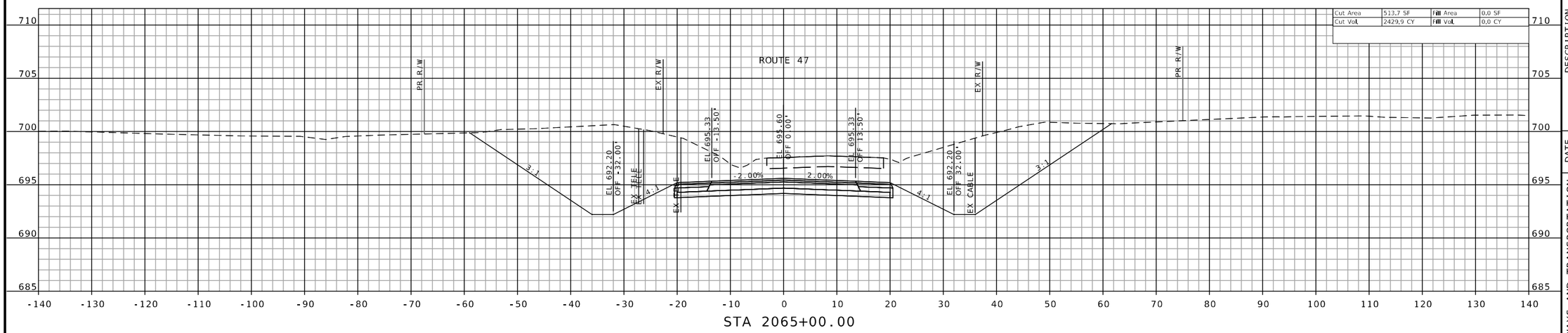
St. Charles
820 South Main, Suite 309
St. Charles, MO 63301
636-493-5277

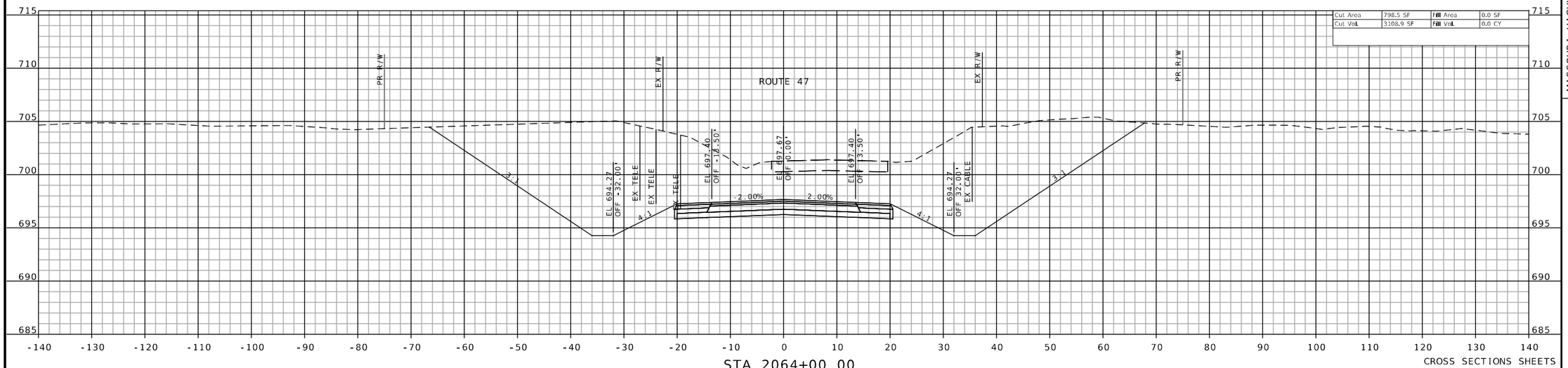
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MISSOURI DESIGN FIRM PE-001166

H:\P\222102 - Route 47 Pavement, Safety, and Shoulder Improvements\CADD\Microstation\CADD Drawings\Testing\JNE0003 - sht-xsec-001.dgn 12:45:17 PM 8/26/2025







STATE OF MISSOURI
JEFFREY R. RENSING
NUMBER PE-2006012376
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
8/26/2025

ROUTE	STATE
47	MO
DISTRICT	SHEET NO.
NE	30

COUNTY
LINCOLN

JOB NO.
JNE0003

CONTRACT ID.
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PROJECT NO.
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BRIDGE NO.
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DESCRIPTION	DATE
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IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Collinsville
100 Lanter Court, Suite 1
Collinsville, IL 62234
618.345.2200

Belleville
1 South Church, Suite 200
Belleville, IL 62220
618.416.4868

St. Louis
720 Olive, Suite 700
St. Louis, MO 63101
314.588.8381

St. Charles
820 South Main, Suite 309
St. Charles, MO 63301
636.493.6277

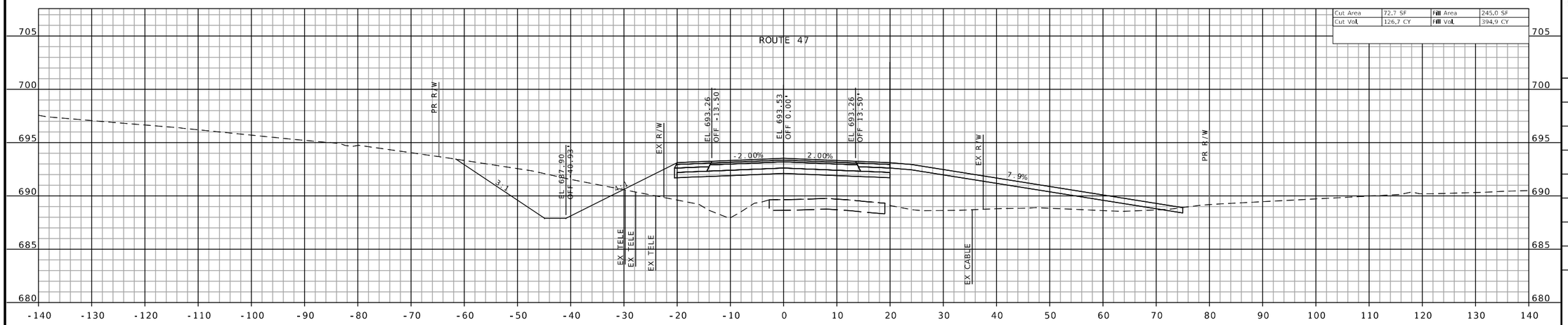
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MISSOURI DESIGN FIRM PE-001166

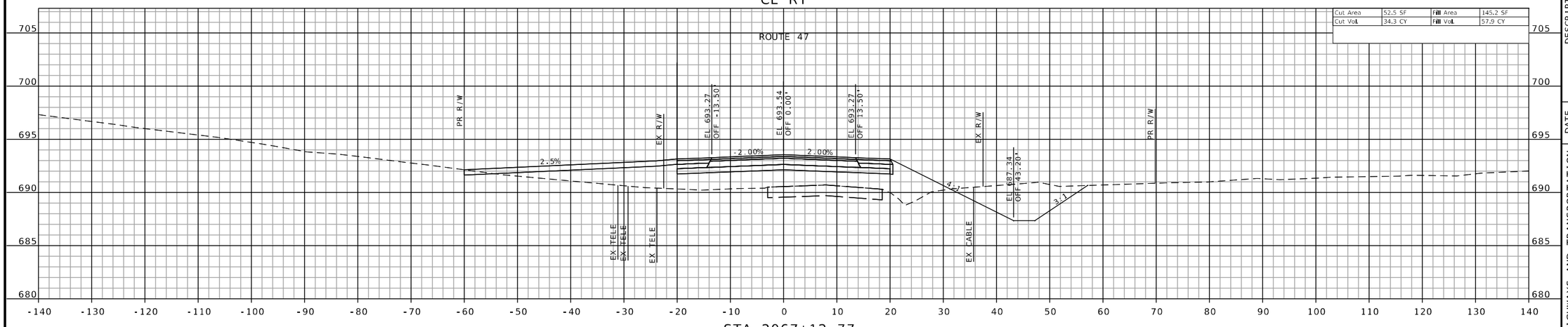
OATES ASSOCIATES

CROSS SECTIONS SHEETS
SHEET 30 OF 160

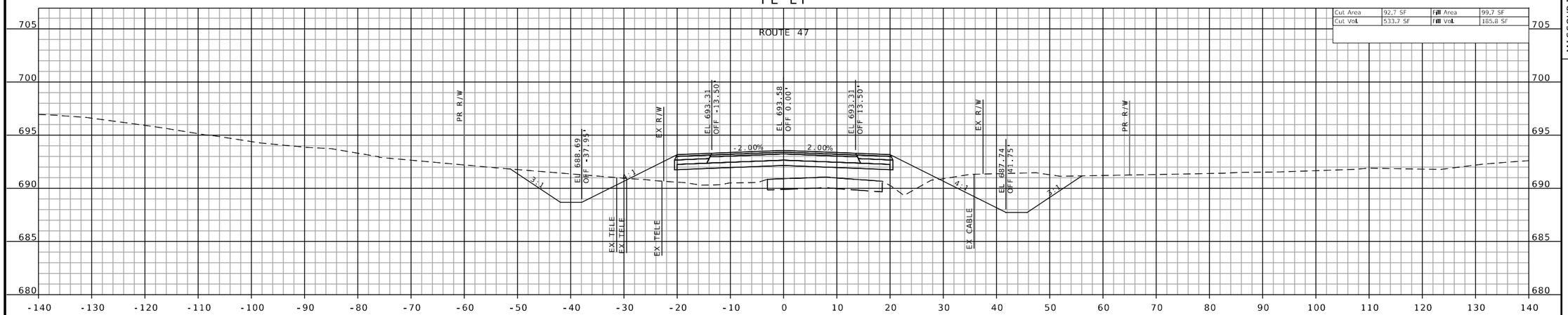
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STA 2067+67.42
CE RT



STA 2067+12.77
PE LT



STA 2067+00.00

CROSS SECTIONS SHEETS
SHEET 31 OF 160

H:\P\222102 - Route 47 Pavement, Safety, and Shoulder Improvements\CADD\Microstation\CADD Drawings\Testing\JNE0003 - sht-xsec-001.dgn 12:46:43 PM 8/26/2025

STATE OF MISSOURI
JEFFREY R. RENSING
NUMBER PE-2006012376
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
8/26/2025

ROUTE	STATE
47	MO
DISTRICT	SHEET NO.
NE	31

COUNTY
LINCOLN

JOB NO.
JNE0003

CONTRACT ID.
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PROJECT NO.
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BRIDGE NO.
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DESCRIPTION	DATE
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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

OATES ASSOCIATES

St. Louis
720 Olive Street, Suite 700
St. Louis, MO 63101
314.588.8181

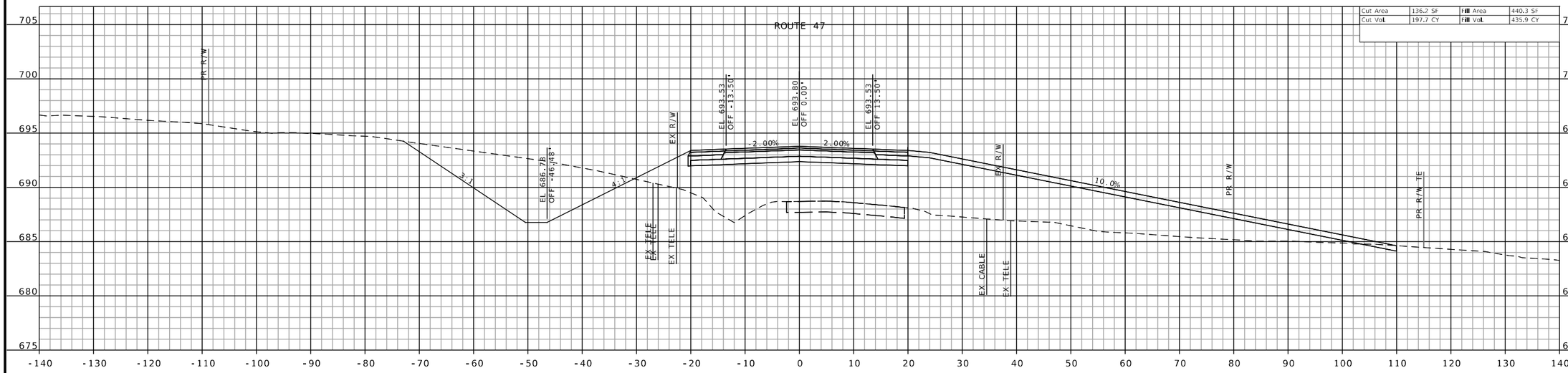
St. Charles
820 South Main, Suite 309
St. Charles, MO 63301
636.493.6277

Collinsville
100 Lamer Court, Suite 1
Collinsville, IL 62234
618.345.2000

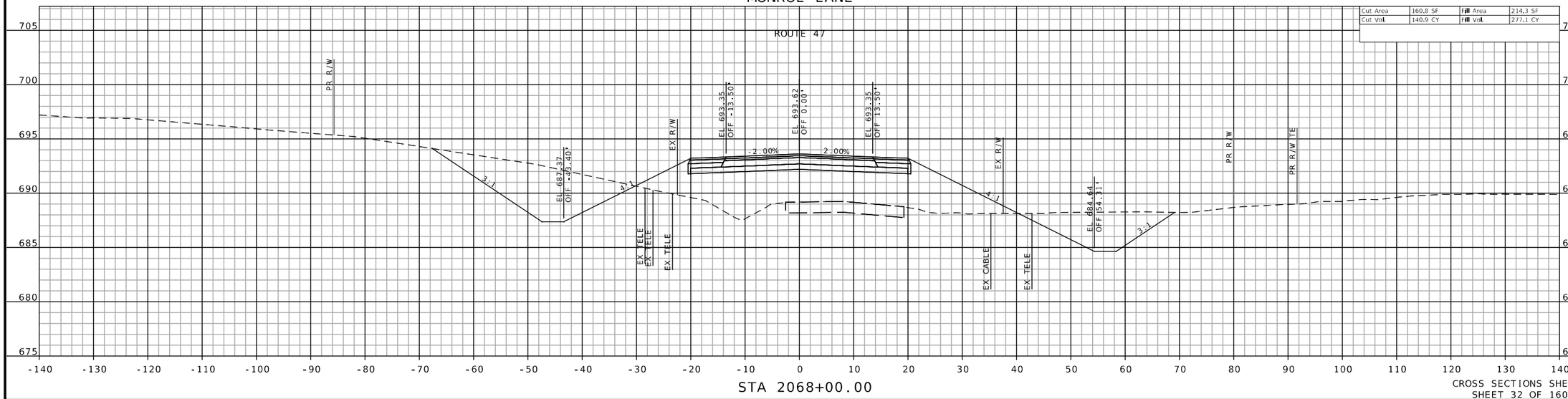
Belleville
1 South Church, Suite 200
Belleville, IL 62220
618.416.4888

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MISSOURI DESIGN FIRM PE-001166



STA 2068+35.96
MONROE LANE



STA 2068+00.00

CROSS SECTIONS SHEETS
SHEET 32 OF 160

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STATE OF MISSOURI
JEFFREY R. RENSING
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PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
8/26/2025

ROUTE	STATE
47	MO
DISTRICT	SHEET NO.
NE	32

COUNTY
LINCOLN

JOB NO.
JNE0003

CONTRACT ID.
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PROJECT NO.
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BRIDGE NO.
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DATE	DESCRIPTION
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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

MoDOT

OATES ASSOCIATES

Collinsville
100 Lamer Court, Suite 1
Collinsville, IL 62234
618.345.2000

Belleville
1 South Church, Suite 200
Belleville, IL 62220
618.416.6588

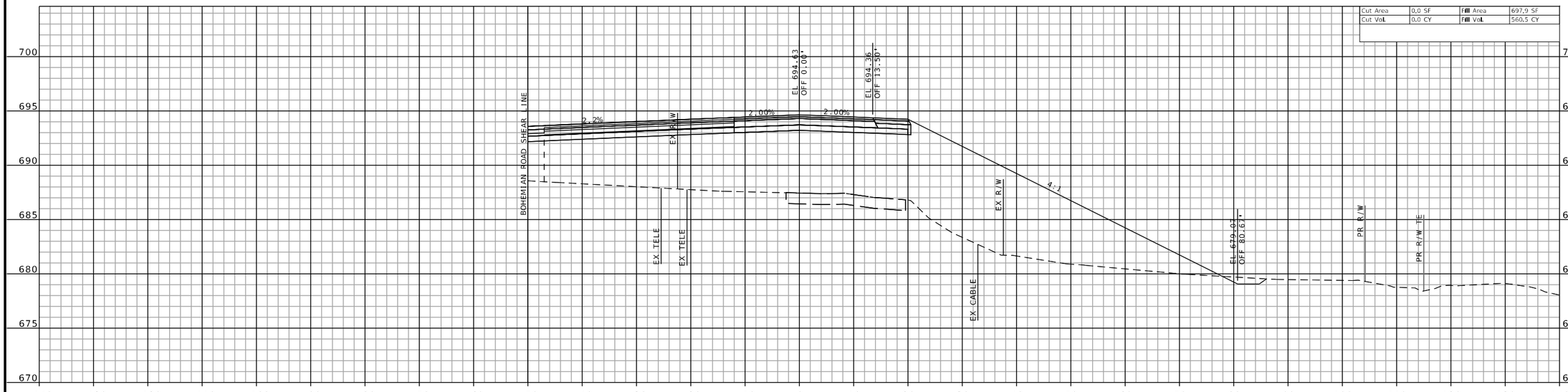
St. Louis
720 Olive, Suite 700
St. Louis, MO 63101
314.588.8881

St. Charles
820 South Main, Suite 309
St. Charles, MO 63301
636.493.6277

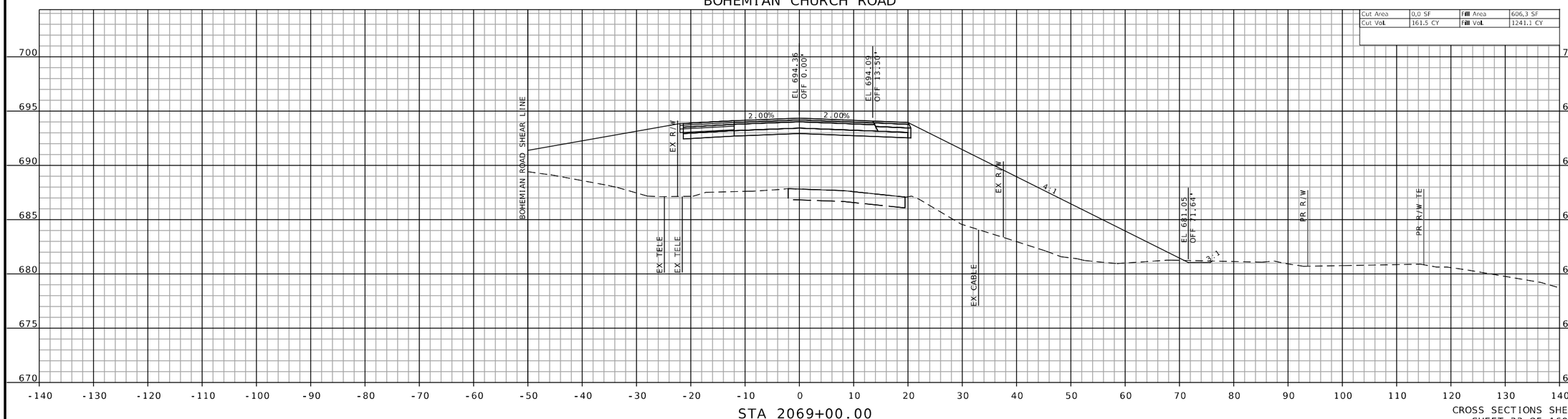
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MISSOURI DESIGN FIRM PE-001166

ROUTE 47



STA 2069+23.21
BOHEMIAN CHURCH ROAD



STA 2069+00.00

CROSS SECTIONS SHEETS
SHEET 33 OF 160

STATE OF MISSOURI
JEFFREY R. RENSING
NUMBER PE-2006012376
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
8/26/2025

ROUTE	STATE
47	MO
DISTRICT	SHEET NO.
NE	33

COUNTY
LINCOLN

JOB NO.
JNE0003

CONTRACT ID.
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PROJECT NO.
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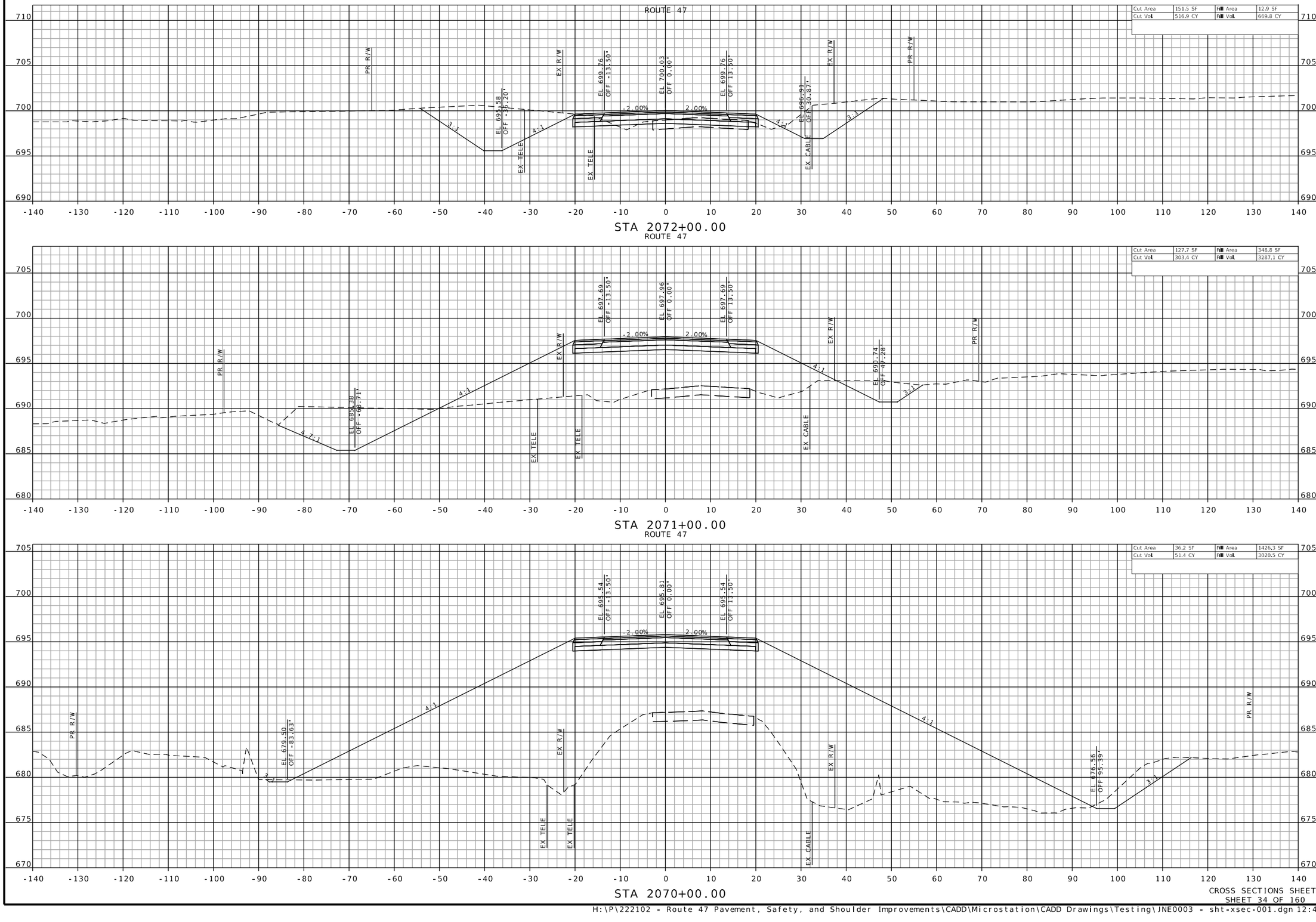
BRIDGE NO.
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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
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JEFFERSON CITY, MO 65102
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St. Louis, MO 63101
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636.493.6277
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CROSS SECTIONS SHEETS
SHEET 34 OF 160

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STATE OF MISSOURI
JEFFREY R. RENSING
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ROUTE	STATE
47	MO
DISTRICT	SHEET NO.
NE	34

COUNTY
LINCOLN

JOB NO.
JNE0003

CONTRACT ID.
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PROJECT NO.
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BRIDGE NO.
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DATE	DESCRIPTION
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JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

OATES ASSOCIATES

Collinsville
100 Lanzer Court, Suite 1
Collinsville, IL 62234
618-343-2200

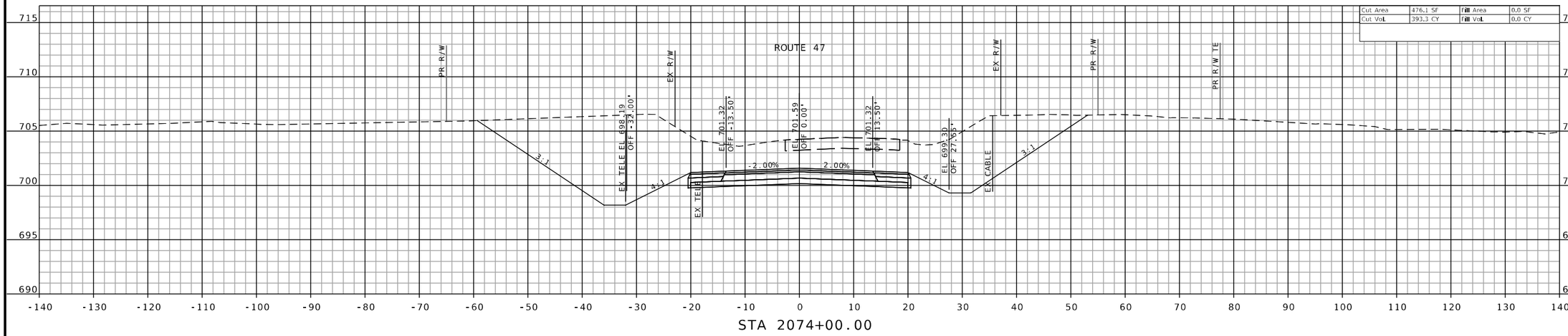
St. Louis
720 Olive, Suite 700
St. Louis, MO 63101
314-588-8281

St. Charles
820 South Main, Suite 309
St. Charles, MO 63301
636-493-8277

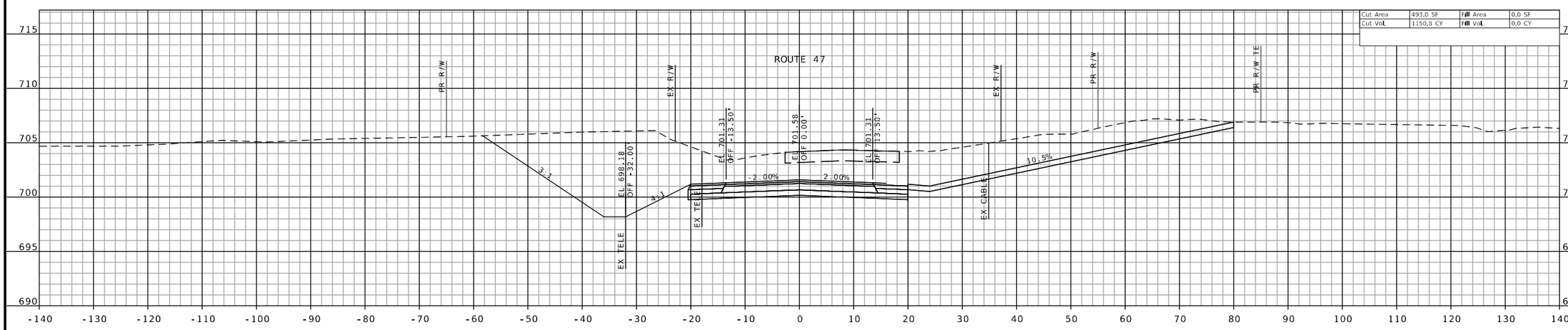
Belleville
1 South Church, Suite 200
Belleville, IL 62220
618-416-6688

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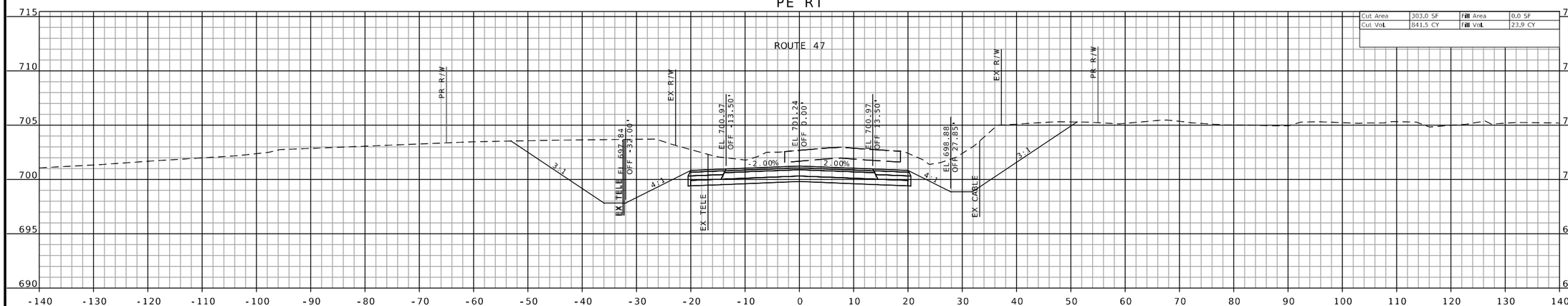
MISSOURI DESIGN FIRM PE-001166



STA 2074+00.00



STA 2073+78.08
PE RT



STA 2073+00.00

CROSS SECTIONS SHEETS
SHEET 35 OF 160

STATE OF MISSOURI
JEFFREY R. RENSING
NUMBER PE-2006012376
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
8/26/2025

ROUTE	STATE
47	MO
DISTRICT	SHEET NO.
NE	35

COUNTY
LINCOLN

JOB NO.
JNE0003

CONTRACT ID.
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PROJECT NO.
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BRIDGE NO.
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DESCRIPTION	DATE
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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
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1-888-ASK-MODOT (1-888-275-6636)

OATES ASSOCIATES

Collinsville
100 Lamper Court, Suite 1
Collinsville, IL 62234
618.345.2200

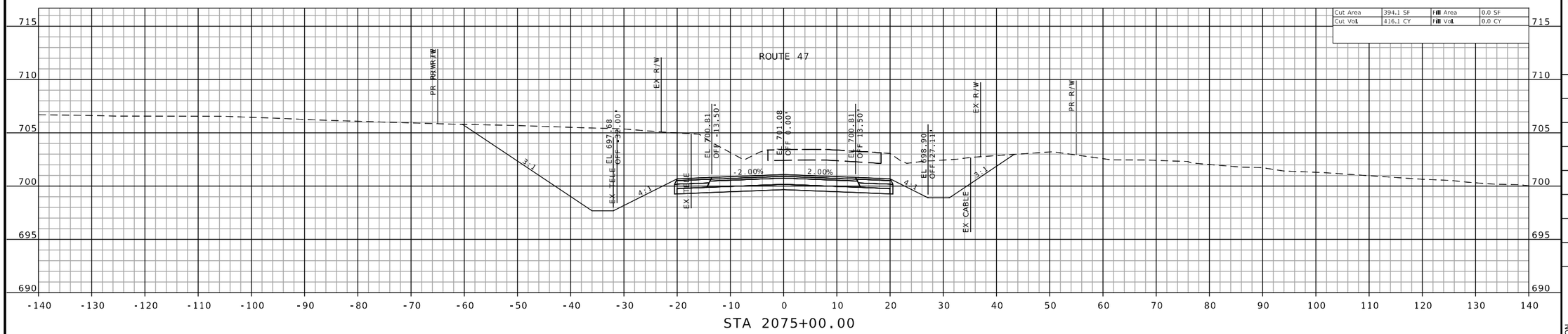
Belleville
1 South Church, Suite 200
Belleville, IL 62220
618.416.4688

St. Louis
720 Olive, Suite 700
St. Louis, MO 63101
314.588.8381

St. Charles
820 South Main, Suite 309
St. Charles, MO 63301
636.493.6277

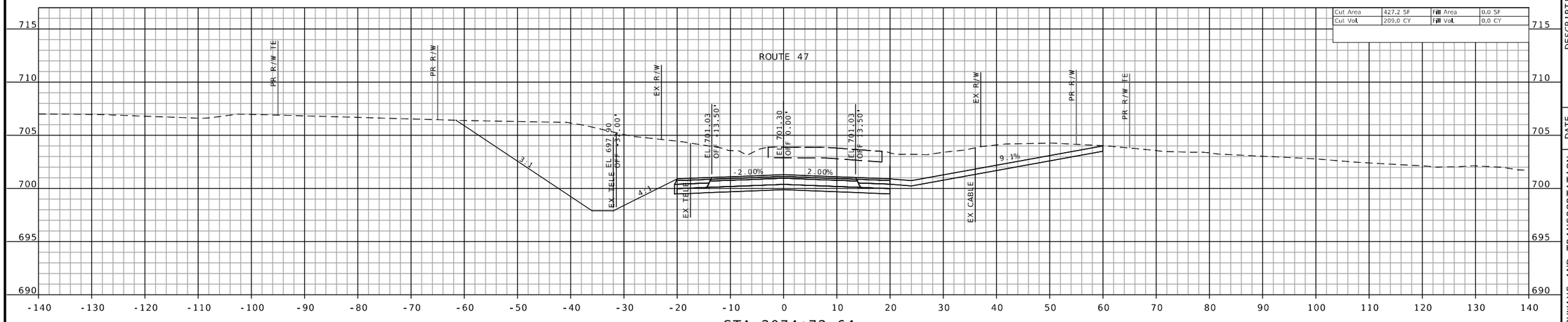
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MISSOURI DESIGN FIRM PE-001166



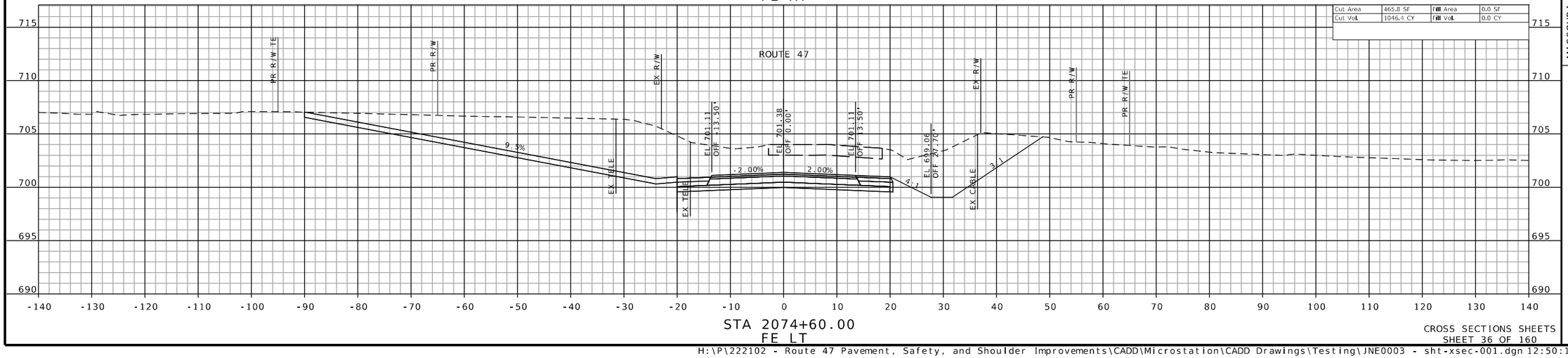
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Cut Vol.	416.1 CY	Fill Vol.	0.0 CY

STA 2075+00.00



Cut Area	427.2 SF	Fill Area	0.0 SF
Cut Vol.	209.0 CY	Fill Vol.	0.0 CY

STA 2074+72.64
PE RT



Cut Area	465.8 SF	Fill Area	0.0 SF
Cut Vol.	1046.4 CY	Fill Vol.	0.0 CY

STA 2074+60.00
FE LT

STATE OF MISSOURI
JEFFREY R. RENSING
NUMBER PE-2006012376
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
8/26/2025

ROUTE	STATE
47	MO
DISTRICT	SHEET NO.
NE	36

COUNTY
LINCOLN

JOB NO.
JNE0003

CONTRACT ID.
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PROJECT NO.
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BRIDGE NO.
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DESCRIPTION	DATE
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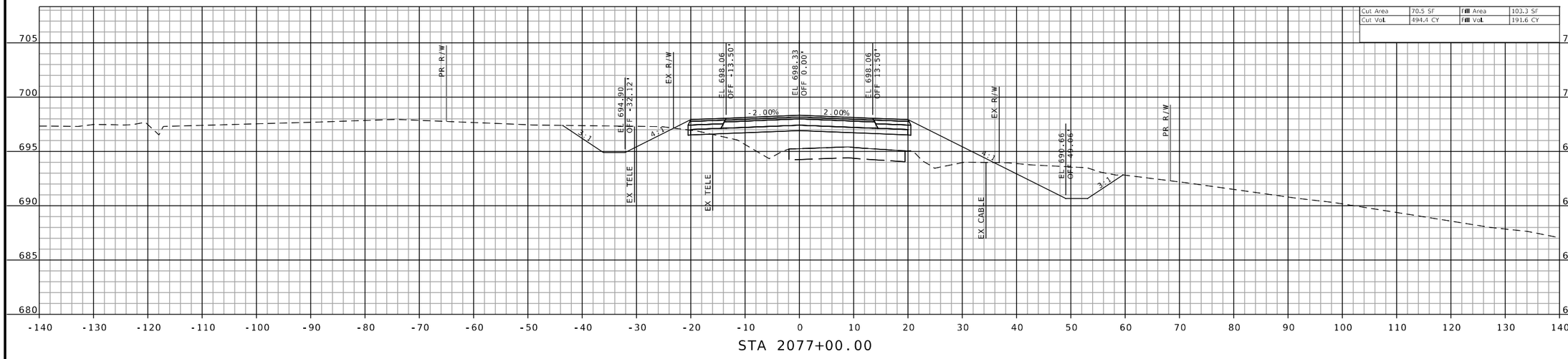
IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

OATES ASSOCIATES
MISSOURI DESIGN FIRM PE-001166
St. Louis
720 Olive, Suite 700
St. Louis, MO 63101
314.588.8881
St. Charles
820 South Main, Suite 309
St. Charles, MO 63301
636.493.6277
Collinsville
100 Lamar Court, Suite 1
Collinsville, IL 62234
618.345.2200
Belleville
1 South Church, Suite 200
Belleville, IL 62220
618.416.6588
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ROUTE 47

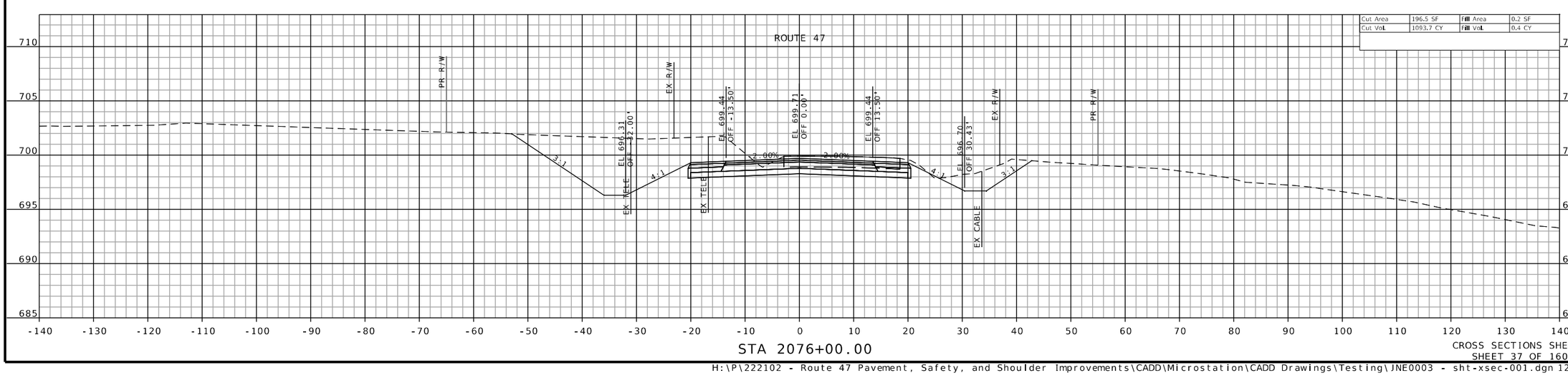
Cut Area	70.5 SF	Fill Area	103.3 SF
Cut Vol.	494.4 CY	Fill Vol.	191.6 CY



STA 2077+00.00

ROUTE 47

Cut Area	196.5 SF	Fill Area	0.2 SF
Cut Vol.	1093.7 CY	Fill Vol.	0.4 CY



STA 2076+00.00

CROSS SECTIONS SHEETS
SHEET 37 OF 160

H:\P\222102 - Route 47 Pavement, Safety, and Shoulder Improvements\CADD\Microstation\CADD Drawings\Testing\JNE0003 - sht-xsec-001.dgn 12:50:59 PM 8/26/2025

STATE OF MISSOURI
JEFFREY R. RENSING
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PROFESSIONAL ENGINEER

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DATE PREPARED
8/26/2025

ROUTE	STATE
47	MO
DISTRICT	SHEET NO.
NE	37

COUNTY
LINCOLN

JOB NO.
JNE0003

CONTRACT ID.
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PROJECT NO.
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BRIDGE NO.
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DESCRIPTION	DATE
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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

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OATES ASSOCIATES

Collinsville
100 Lamger Court, Suite 1
Collinsville, IL 62234
618.345.2200

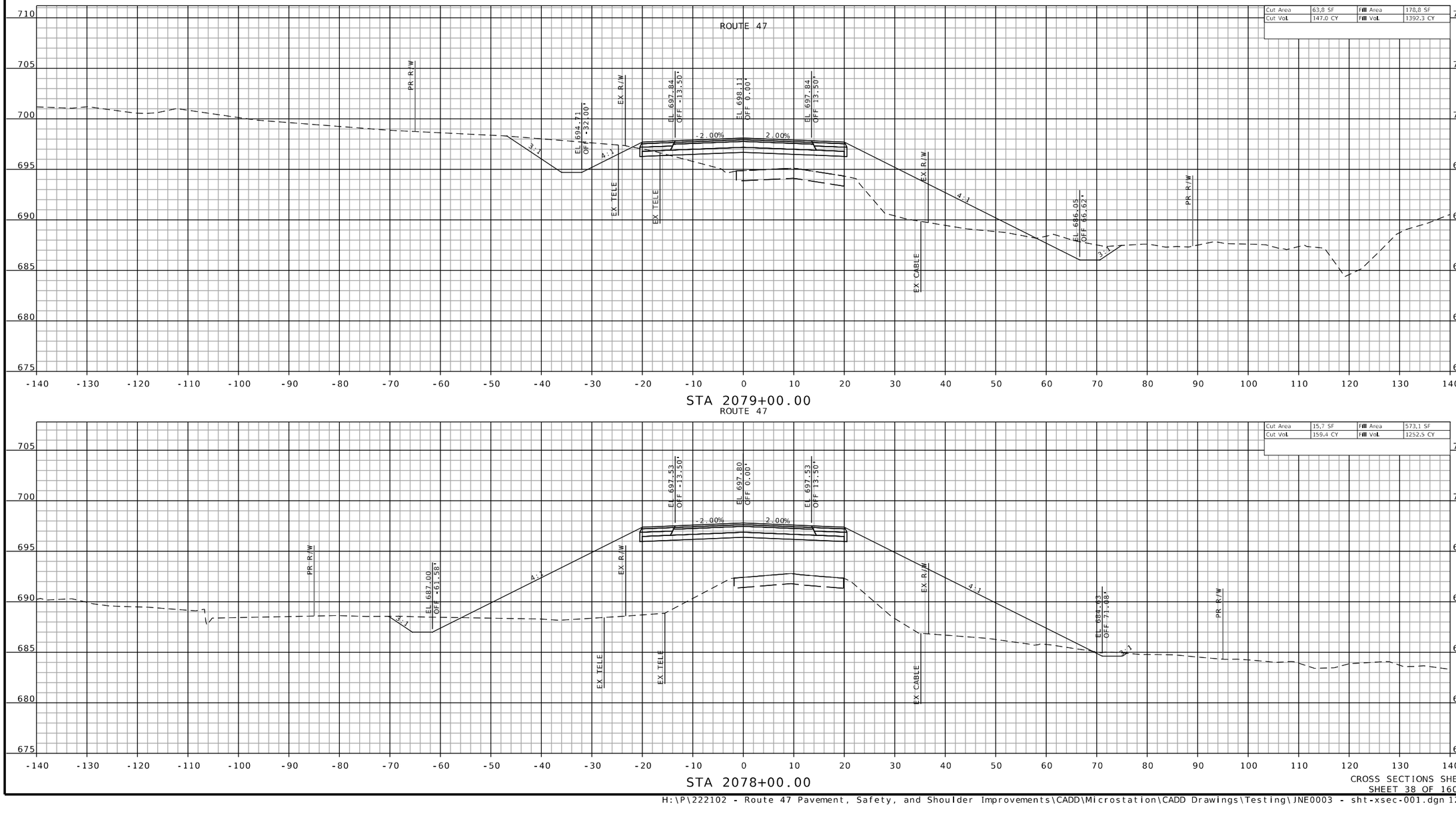
Belleville
1 South Church, Suite 200
Belleville, IL 62220
618.416.4488

St. Louis
720 Olive, Suite 700
St. Louis, MO 63101
314.588.8881

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MISSOURI DESIGN FIRM PE-001166



CROSS SECTIONS SHEETS
SHEET 38 OF 160

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STATE OF MISSOURI
JEFFREY R. RENSING
NUMBER PE-2006012376
PROFESSIONAL ENGINEER

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8/26/2025

ROUTE	STATE
47	MO
DISTRICT	SHEET NO.
NE	38

COUNTY
LINCOLN

JOB NO.
JNE0003

CONTRACT ID.
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PROJECT NO.
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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

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Collinsville
100 Lamper Court, Suite 1
Collinsville, IL 62234
618-343-2200

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1 South Church, Suite 200
Belleville, IL 62220
618-416-4688

St. Louis
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St. Louis, MO 63101
314-588-8381

St. Charles
820 South Main, Suite 309
St. Charles, MO 63301
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CROSS SECTIONS SHEETS
SHEET 39 OF 160

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STATE OF MISSOURI
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PROFESSIONAL ENGINEER

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8/26/2025

ROUTE	STATE
47	MO
DISTRICT	SHEET NO.
NE	39

COUNTY
LINCOLN

JOB NO.
JNE0003

CONTRACT ID.
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Collinsville
101 Lanter Court, Suite 1
Collinsville IL 62234
618.345.2100

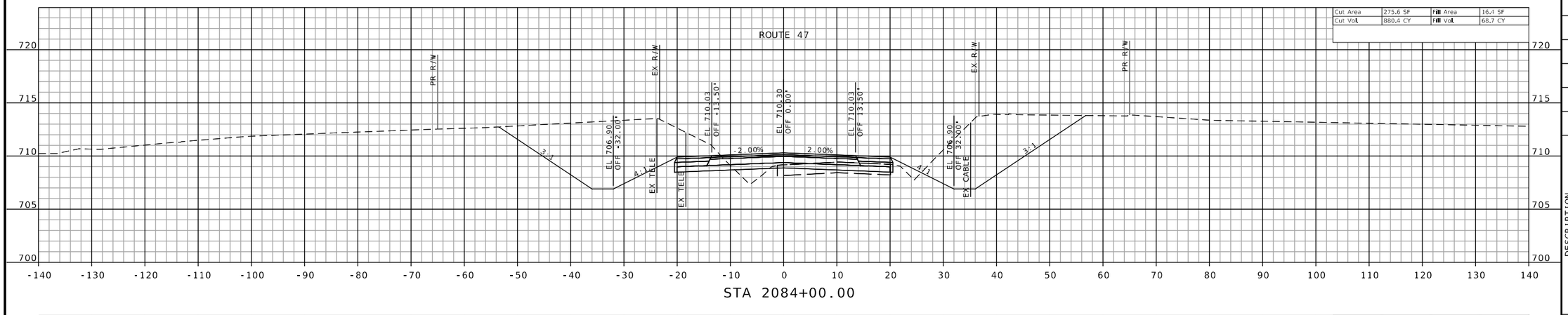
Belleville
1 South Church, Suite 200
Belleville IL 62220
618.416.4688

St. Louis
720 Olive, Suite 700
St. Louis, MO 63101
314.588.8381

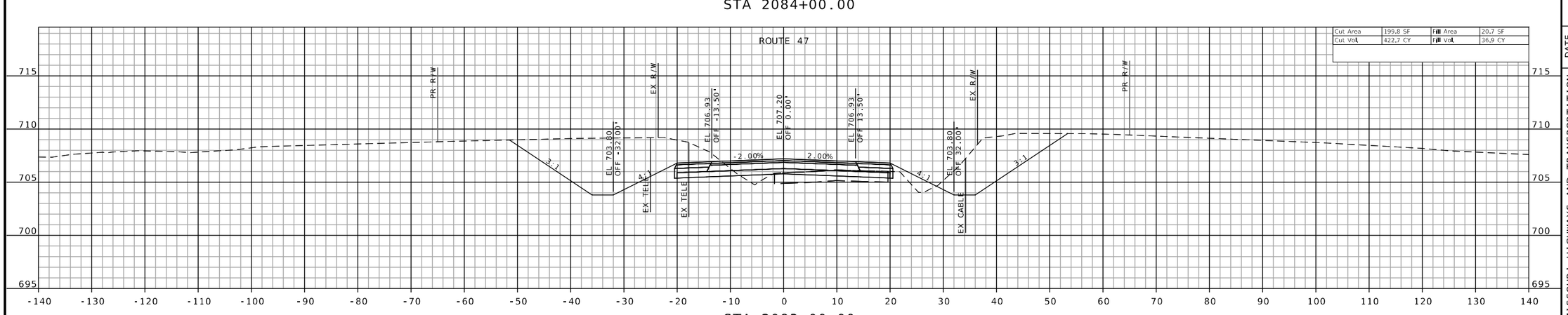
St. Charles
820 South Main, Suite 309
St. Charles, MO 63301
636.493.6277

www.oatesassociates.com

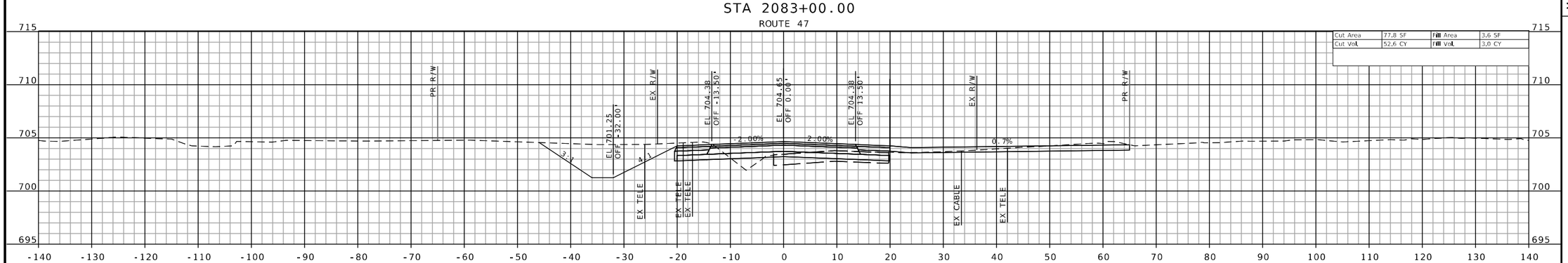
MISSOURI DESIGN FIRM PE-001166



STA 2084+00.00



STA 2083+00.00



STA 2082+17.76
PE RT

CROSS SECTIONS SHEETS
SHEET 40 OF 160

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STATE OF MISSOURI
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THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
8/26/2025

ROUTE	STATE
47	MO
DISTRICT	SHEET NO.
NE	40

COUNTY
LINCOLN

JOB NO.
JNE0003

CONTRACT ID.
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PROJECT NO.
.

BRIDGE NO.
.

DATE	DESCRIPTION
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IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

MoDOT

OATES ASSOCIATES

Collinsville
100 Lamper Court, Suite 1
Collinsville, IL 62234
618.345.2200

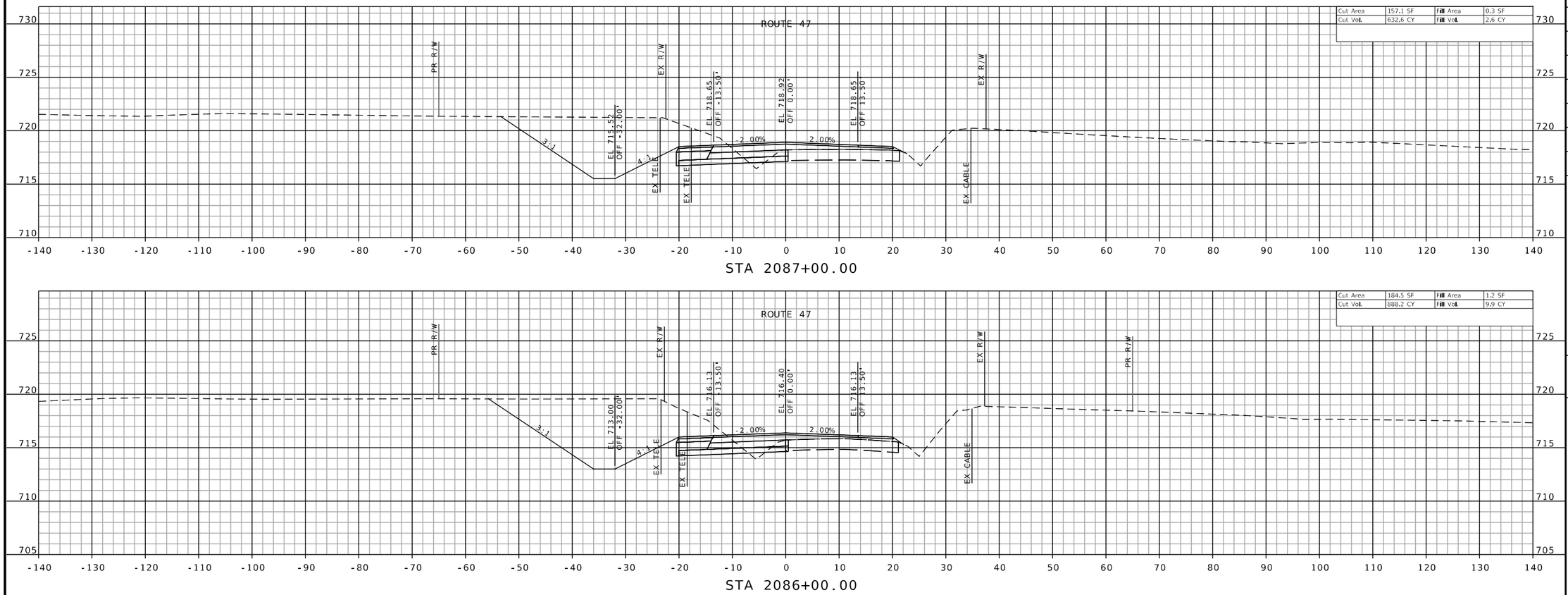
Belleville
1 South Church, Suite 200
Belleville, IL 62220
618.416.6688

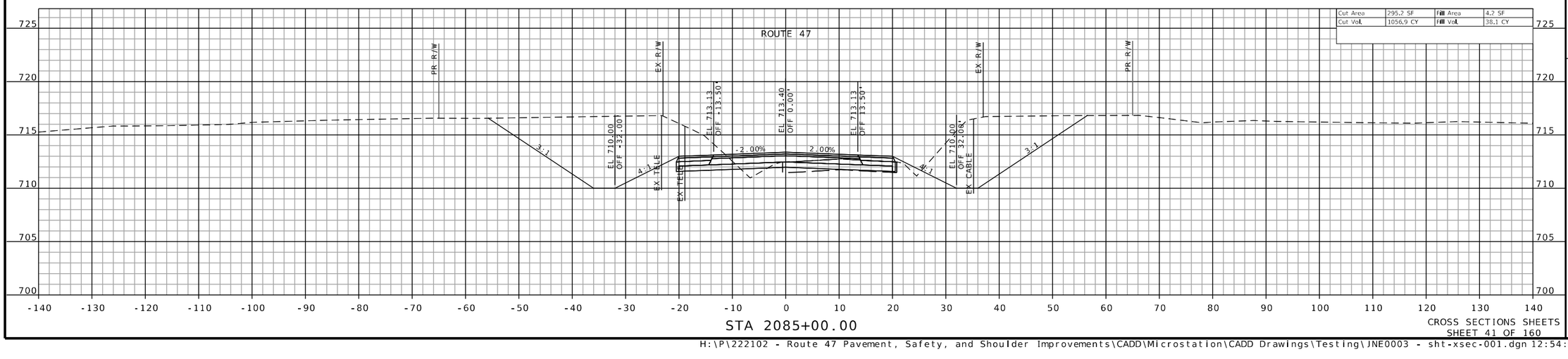
St. Louis
720 Olive, Suite 700
St. Louis, MO 63101
314.588.8881

St. Charles
820 South Main, Suite 309
St. Charles, MO 63301
636.493.8277

www.oatesassociates.com

MISSOURI DESIGN FIRM PE-001166





STATE OF MISSOURI
JEFFREY R. RENSING
NUMBER PE-2006012376
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
8/26/2025

ROUTE	STATE
47	MO
DISTRICT	SHEET NO.
NE	41

COUNTY
LINCOLN

JOB NO.
JNE0003

CONTRACT ID.
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PROJECT NO.
.

BRIDGE NO.
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DESCRIPTION	DATE
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IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

MoDOT

OATES ASSOCIATES

Collinsville
100 Lamer Court, Suite 1
Collinsville, IL 62234
618.345.2200

Belleville
1 South Church, Suite 200
Belleville, IL 62220
618.416.4588

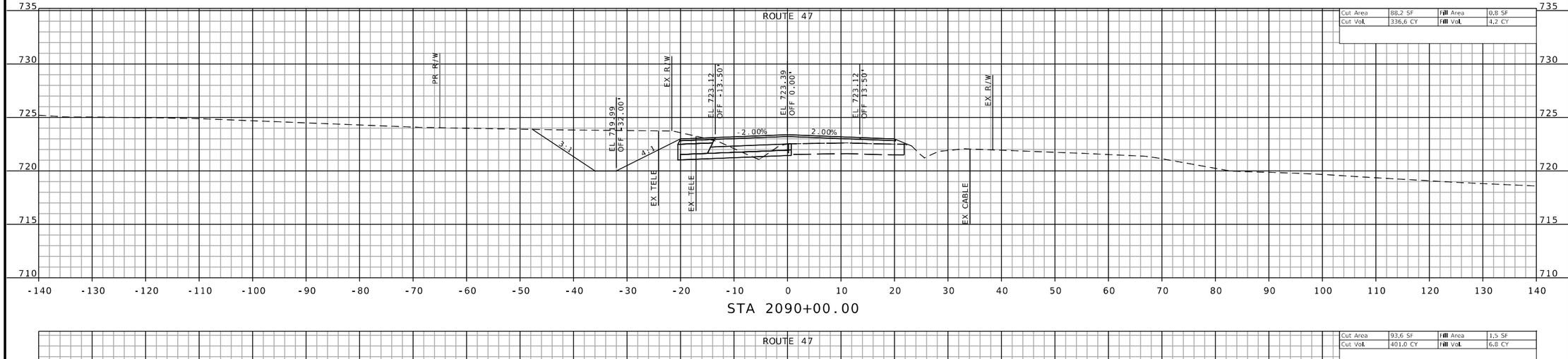
St. Louis
720 Olive, Suite 700
St. Louis, MO 63101
314.588.8881

St. Charles
820 South Main, Suite 309
St. Charles, MO 63301
636.493.6277

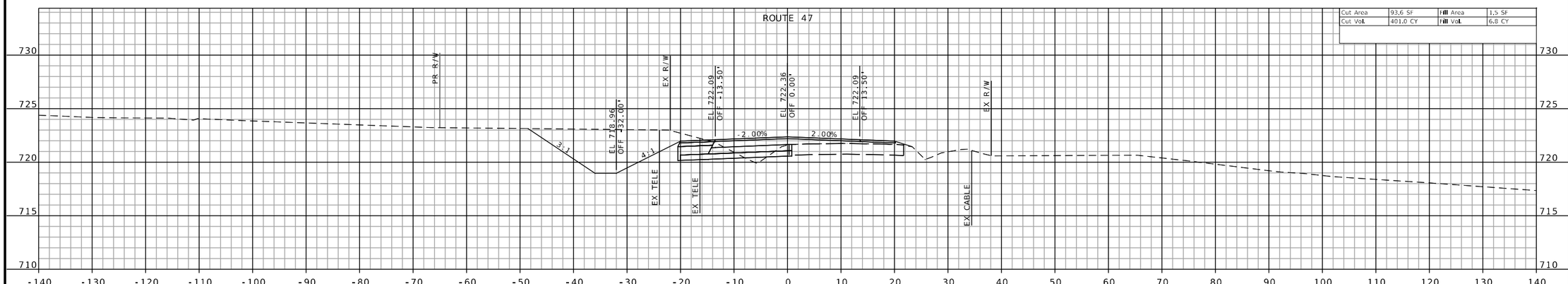
www.oatesassociates.com

MISSOURI DESIGN FIRM PE-001166

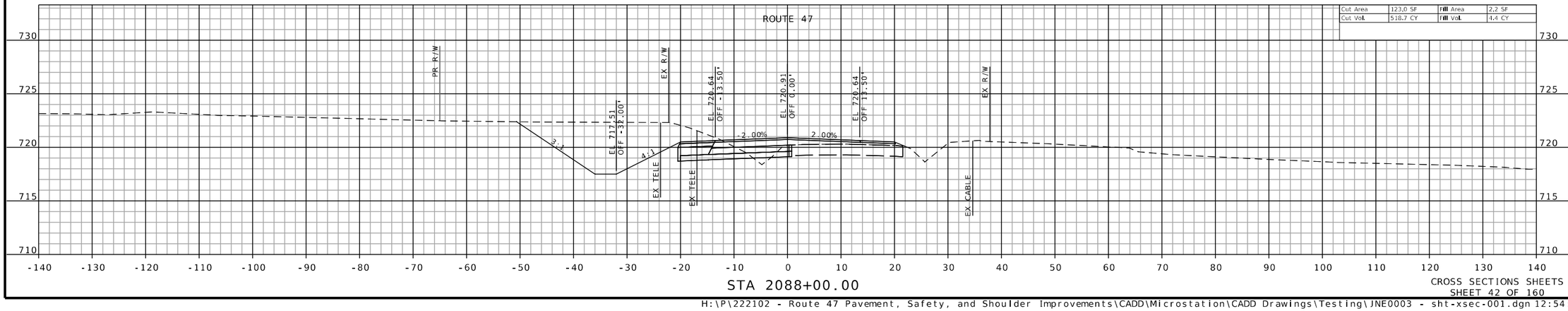
H:\P\222102 - Route 47 Pavement, Safety, and Shoulder Improvements\CADD\Microstation\CADD Drawings\Testing\JNE0003 - sht-xsec-001.dgn 12:54:02 PM 8/26/2025



Cut Area	88.2 SF	Fill Area	0.8 SF
Cut Vol.	336.6 CY	Fill Vol.	4.2 CY



Cut Area	93.6 SF	Fill Area	1.5 SF
Cut Vol.	401.0 CY	Fill Vol.	6.8 CY



Cut Area	123.0 SF	Fill Area	2.2 SF
Cut Vol.	518.7 CY	Fill Vol.	4.4 CY

CROSS SECTIONS SHEETS
SHEET 42 OF 160

STATE OF MISSOURI
JEFFREY R. RENSING
NUMBER PE-2006012376
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED E.LECTRONICALLY.

DATE PREPARED
8/26/2025

ROUTE	STATE
47	MO
DISTRICT	SHEET NO.
NE	42

COUNTY
LINCOLN

JOB NO.
JNE0003

CONTRACT ID.
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PROJECT NO.
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BRIDGE NO.
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DESCRIPTION	DATE
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IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

MoDOT

OATES ASSOCIATES

Collinsville
101 Lanter Court, Suite 1
Collinsville, IL 62234
618.343.2200

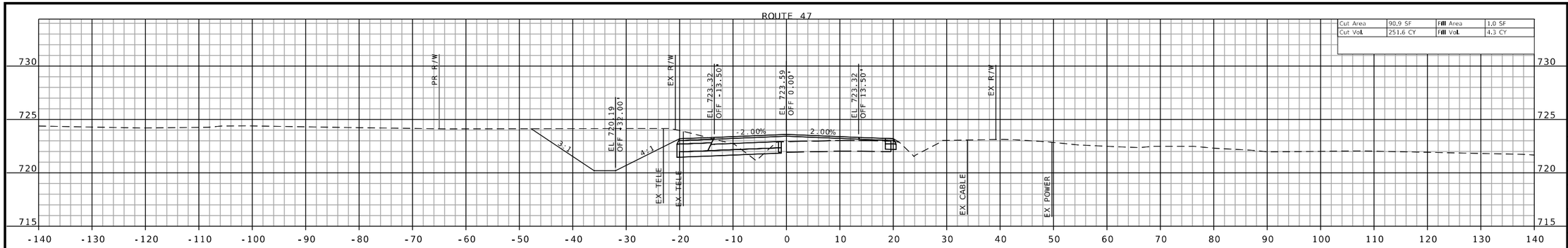
Belleville
1 South Church, Suite 200
Belleville, IL 62220
618.416.6488

St. Louis
720 Olive, Suite 700
St. Louis, MO 63101
314.588.8881

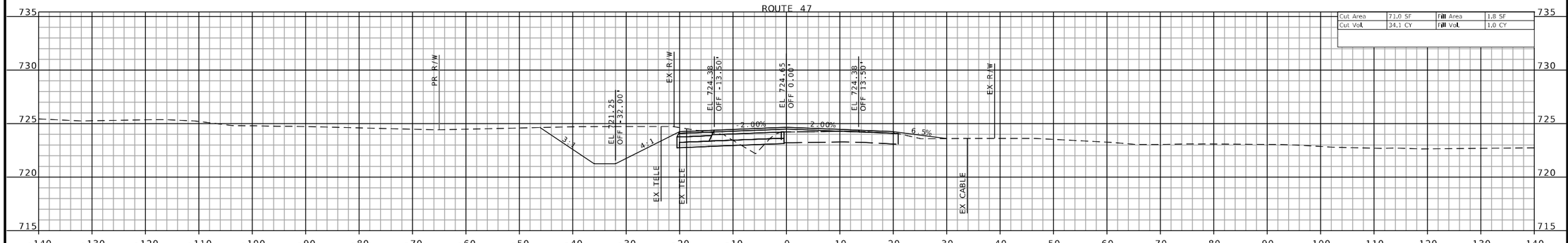
St. Charles
820 South Main, Suite 309
St. Charles, MO 63301
636.493.6277

www.oatesassociates.com

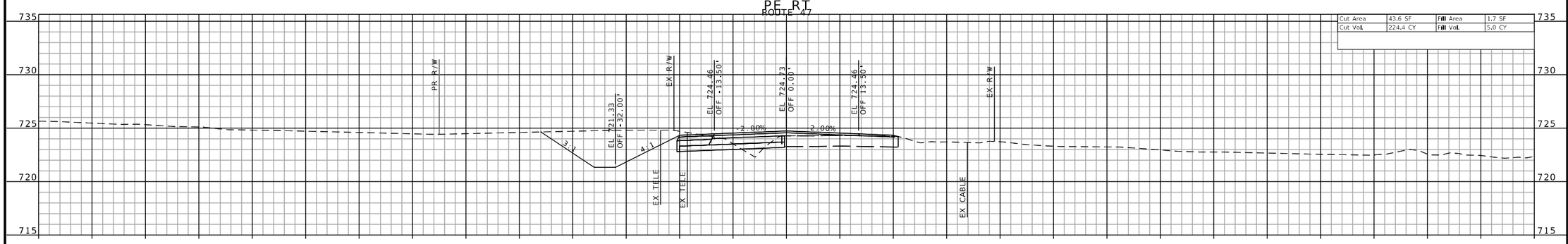
MISSOURI DESIGN FIRM PE-001166



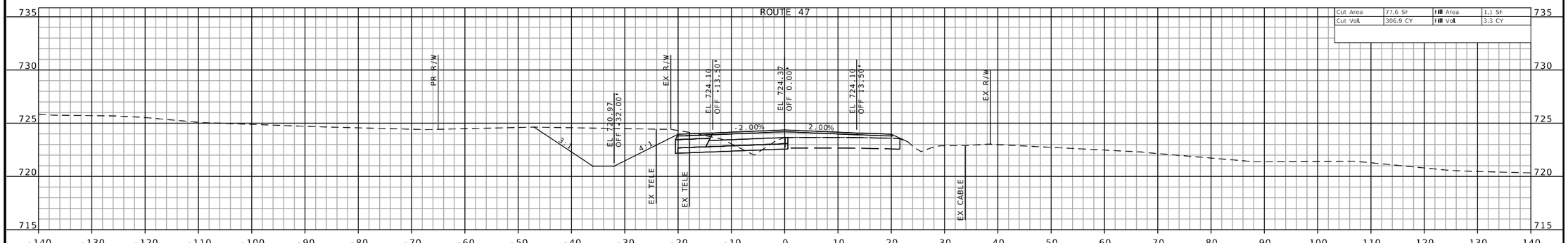
STA 2093+00.00



STA 2092+16.07
PF RT



STA 2092+00.00



STA 2091+00.00

CROSS SECTIONS SHEETS
SHEET 43 OF 160

STATE OF MISSOURI
JEFFREY R. RENSING
NUMBER PE-2006012376
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
8/26/2025

ROUTE	STATE
47	MO
DISTRICT	SHEET NO.
NE	43

COUNTY
LINCOLN

JOB NO.
JNE0003

CONTRACT ID.
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PROJECT NO.
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BRIDGE NO.
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DESCRIPTION	DATE
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IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

St. Louis
720 Olive, Suite 700
St. Louis, MO 63101
314.588.8881

St. Charles
820 South Main, Suite 309
St. Charles, MO 63301
636.493.6277

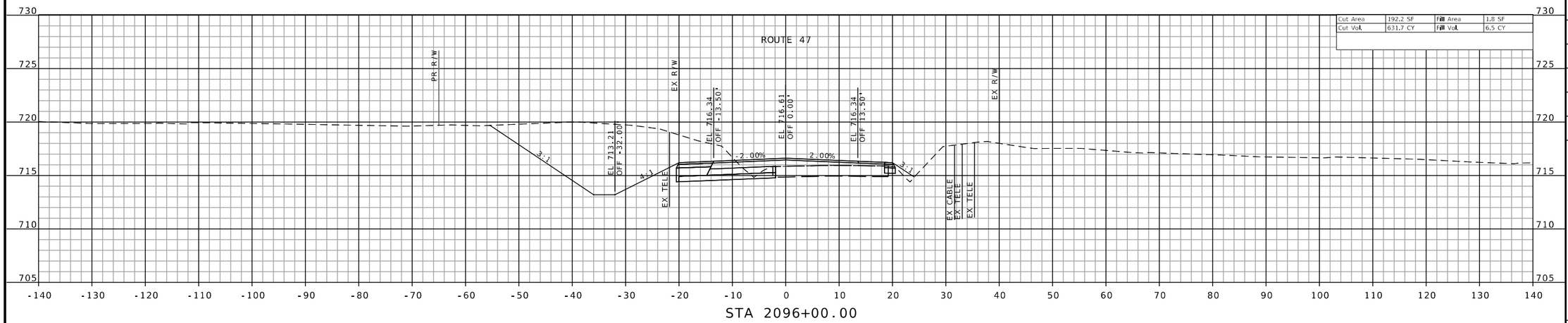
Collinsville
100 Lamer Court, Suite 1
Collinsville, IL 62234
618.345.2200

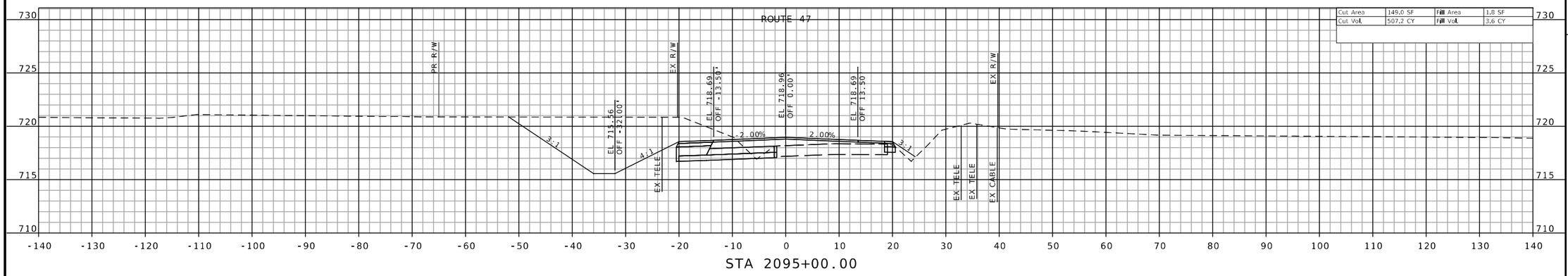
Belleville
1 South Church, Suite 200
Belleville, IL 62220
618.416.4488

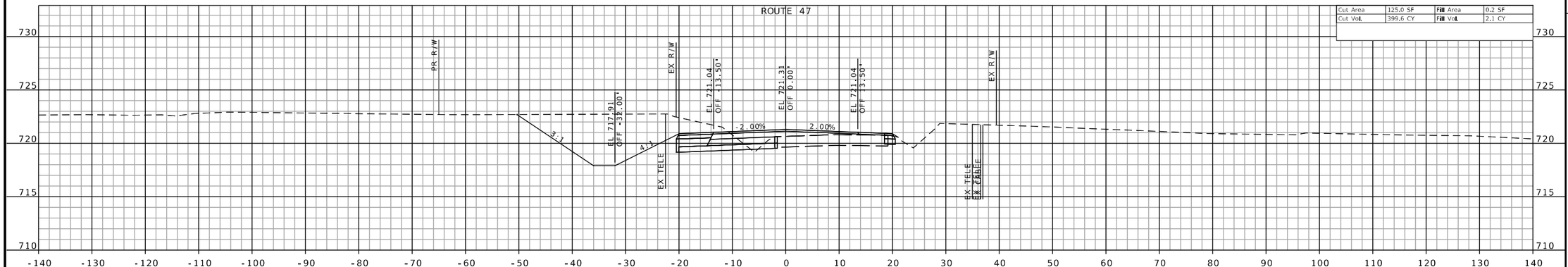
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MISSOURI DESIGN FIRM PE-001166

OATES ASSOCIATES







CROSS SECTIONS SHEETS
SHEET 44 OF 160

STATE OF MISSOURI
JEFFREY R. RENSING
NUMBER PE-2006012376
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
8/26/2025

ROUTE	STATE
47	MO
DISTRICT	SHEET NO.
NE	44

COUNTY
LINCOLN

JOB NO.
JNE0003

CONTRACT ID.
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PROJECT NO.
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BRIDGE NO.
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DESCRIPTION	DATE
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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

OATES ASSOCIATES

St. Louis
720 Olive, Suite 700
St. Louis, MO 63101
314-588-8381

St. Charles
820 South Main, Suite 309
St. Charles, MO 63301
636-493-5277

Collinsville
100 Lamper Court, Suite 1
Collinsville, IL 62234
618-343-2200

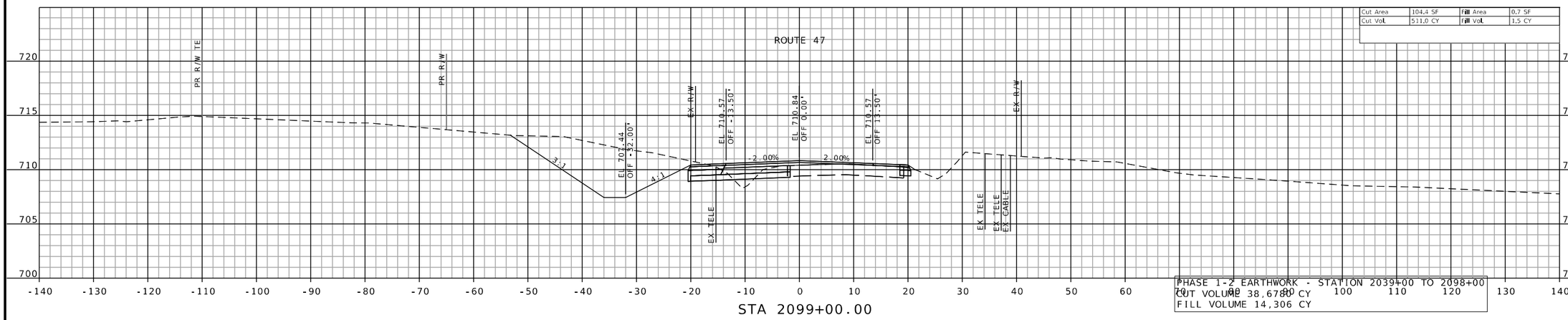
Belleville
1 South Church, Suite 200
Belleville, IL 62220
618-416-4688

www.oatesassociates.com

MISSOURI DESIGN FIRM PE-001166

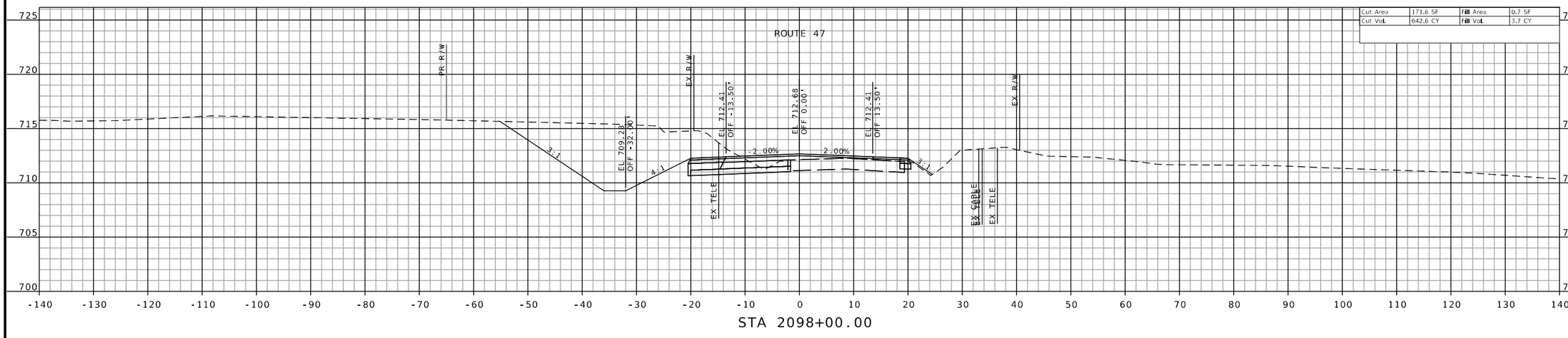
IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

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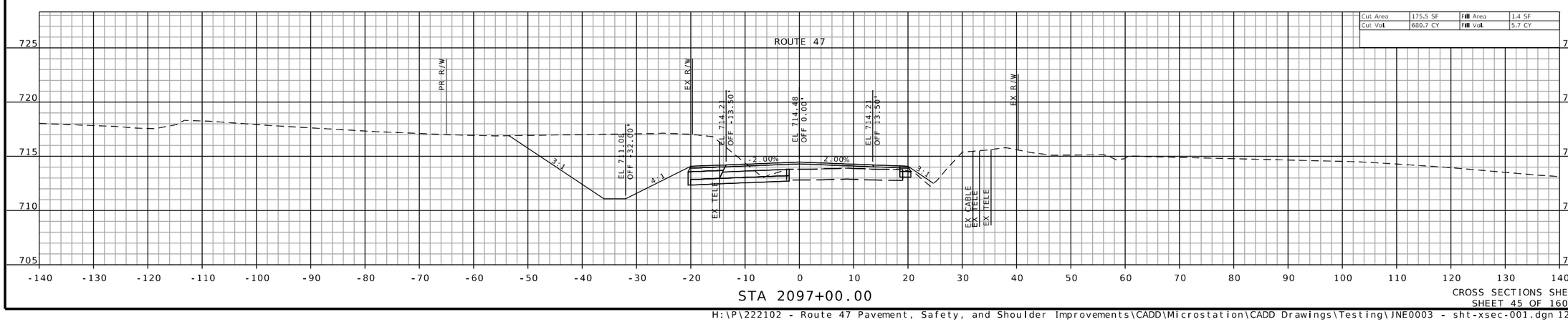


Cut Area	104.4 SF	Fill Area	0.7 SF
Cut Vol.	511.0 CY	Fill Vol.	1.5 CY

PHASE 1-2 EARTHWORK - STATION 2039+00 TO 2098+00
CUT VOLUME 38,678.0 CY
FILL VOLUME 14,306 CY



Cut Area	171.6 SF	Fill Area	0.7 SF
Cut Vol.	642.6 CY	Fill Vol.	3.7 CY



Cut Area	175.5 SF	Fill Area	1.4 SF
Cut Vol.	680.7 CY	Fill Vol.	5.7 CY

CROSS SECTIONS SHEETS
SHEET 45 OF 160

STATE OF MISSOURI
JEFFREY R. RENSING
NUMBER PE-2006012376
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
8/26/2025

ROUTE	STATE
47	MO
DISTRICT	SHEET NO.
NE	45

COUNTY
LINCOLN

JOB NO.
JNE0003

CONTRACT ID.
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PROJECT NO.
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BRIDGE NO.
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DESCRIPTION	DATE
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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

OATES ASSOCIATES

St. Louis
720 Olive Street, Suite 700
St. Louis, MO 63101
314.588.8381

St. Charles
820 South Main, Suite 309
St. Charles, MO 63301
636.493.6277

Collinsville
100 Lantzer Court, Suite 1
Collinsville, IL 62234
618.345.2200

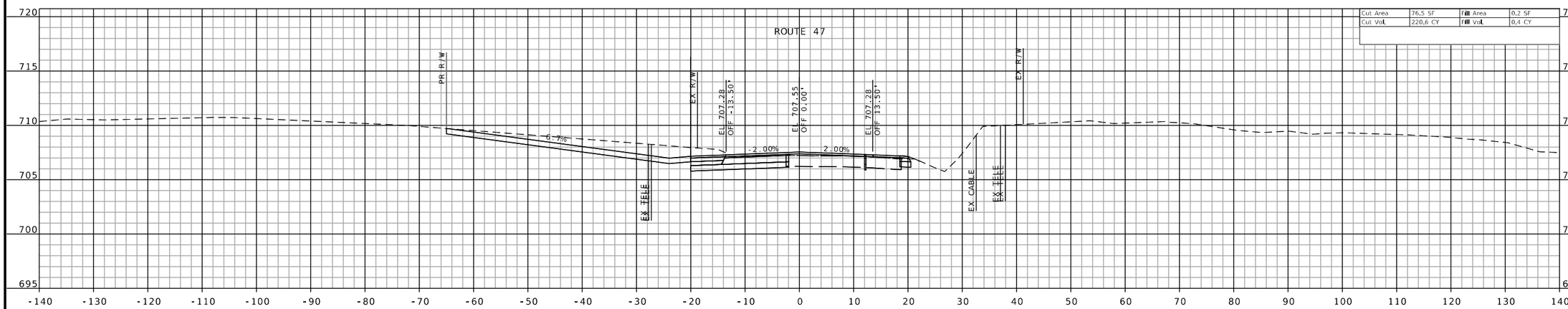
Belleville
1 South Church, Suite 200
Belleville, IL 62220
618.416.4888

www.oatesassociates.com

MISSOURI DESIGN FIRM PE-001166

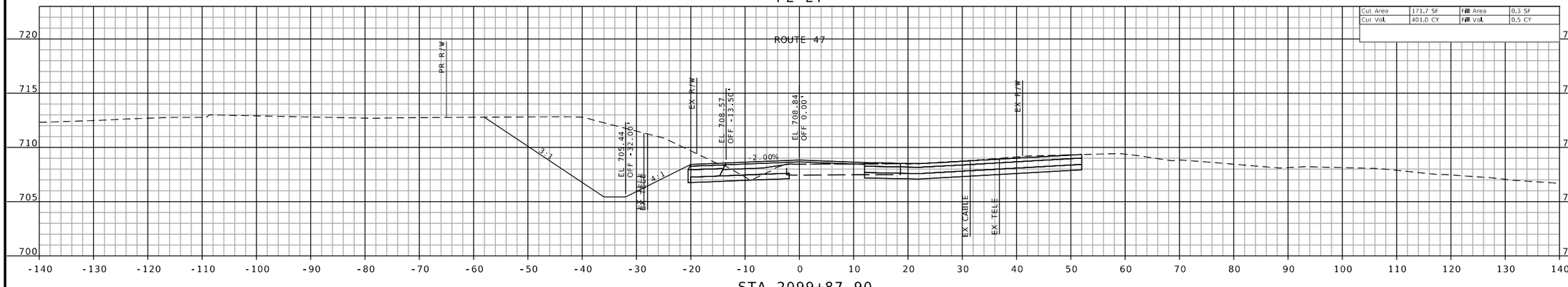
IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

H:\P\222102 - Route 47 Pavement, Safety, and Shoulder Improvements\CADD\Microstation\CADD Drawings\Testing\JNE0003 - sht-xsec-001.dgn 12:57:03 PM 8/26/2025



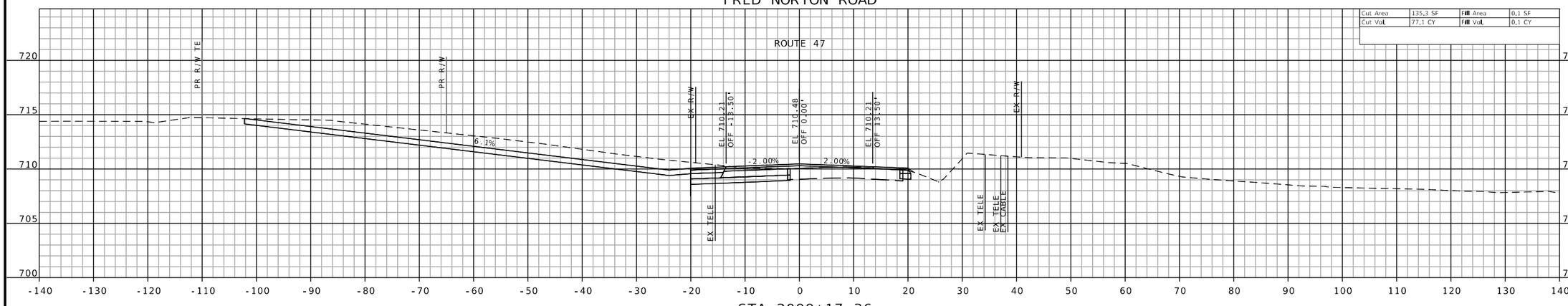
Cut Area	76.5 SF	Fill Area	0.2 SF
Cut Vol.	220.6 CY	Fill Vol.	0.4 CY

STA 2100+35.91
PE LT



Cut Area	171.7 SF	Fill Area	0.3 SF
Cut Vol.	401.0 CY	Fill Vol.	0.5 CY

STA 2099+87.90
FRED NORTON ROAD



Cut Area	135.3 SF	Fill Area	0.1 SF
Cut Vol.	77.1 CY	Fill Vol.	0.1 CY

STA 2099+17.36
PE LT

CROSS SECTIONS SHEETS
SHEET 46 OF 160

H:\P\222102 - Route 47 Pavement, Safety, and Shoulder Improvements\CADD\Microstation\CADD Drawings\Testing\JNE0003 - sht-xsec-001.dgn 12:57:48 PM 8/26/2025

STATE OF MISSOURI
JEFFREY R. RENSING
NUMBER PE-2006012376
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
8/26/2025

ROUTE	STATE
47	MO
DISTRICT	SHEET NO.
NE	46

COUNTY
LINCOLN

JOB NO.
JNE0003

CONTRACT ID.
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PROJECT NO.
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BRIDGE NO.
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DESCRIPTION	DATE
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IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

MoDOT

OATES ASSOCIATES

Collinsville
100 Lamper Court, Suite 1
Collinsville, IL 62234
618.345.2200

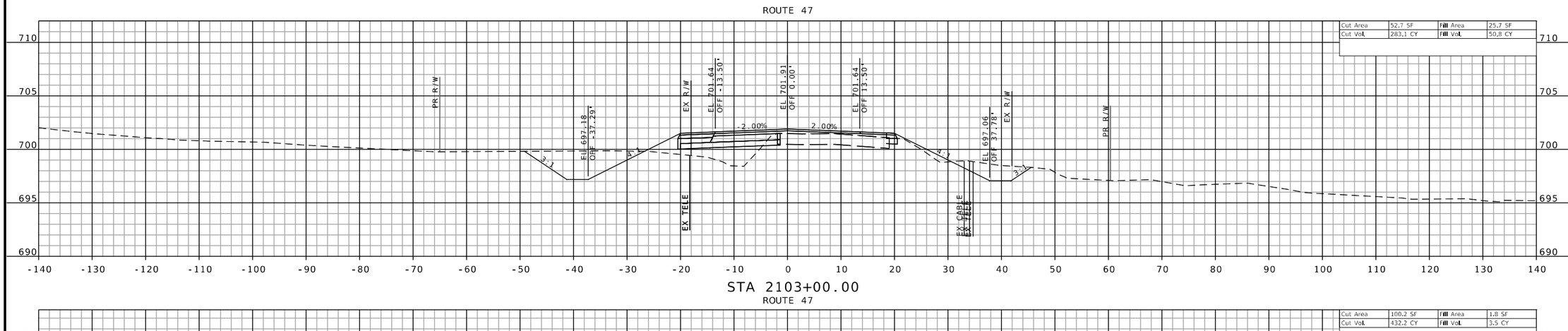
Belleville
1 South Church, Suite 200
Belleville, IL 62220
618.416.4888

St. Louis
720 Olive, Suite 700
St. Louis, MO 63101
314.588.8881

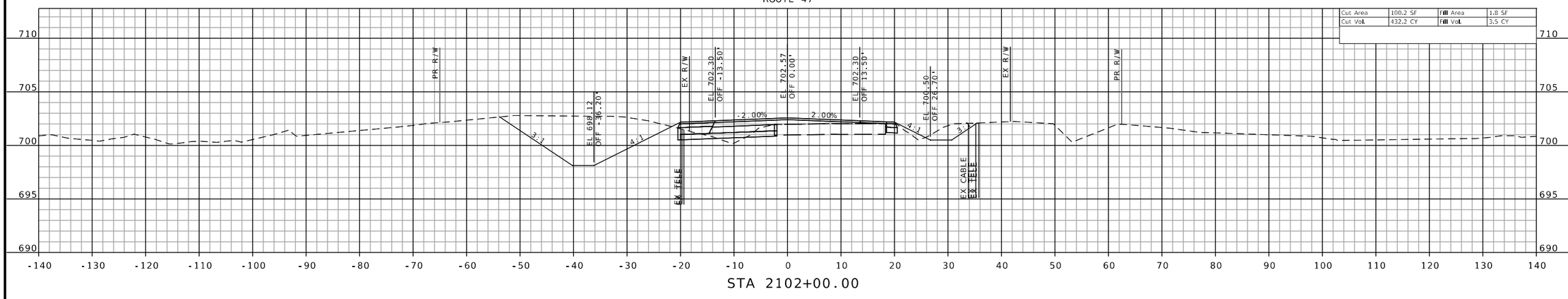
St. Charles
820 South Main, Suite 309
St. Charles, MO 63301
636.493.6277

www.oatesassociates.com

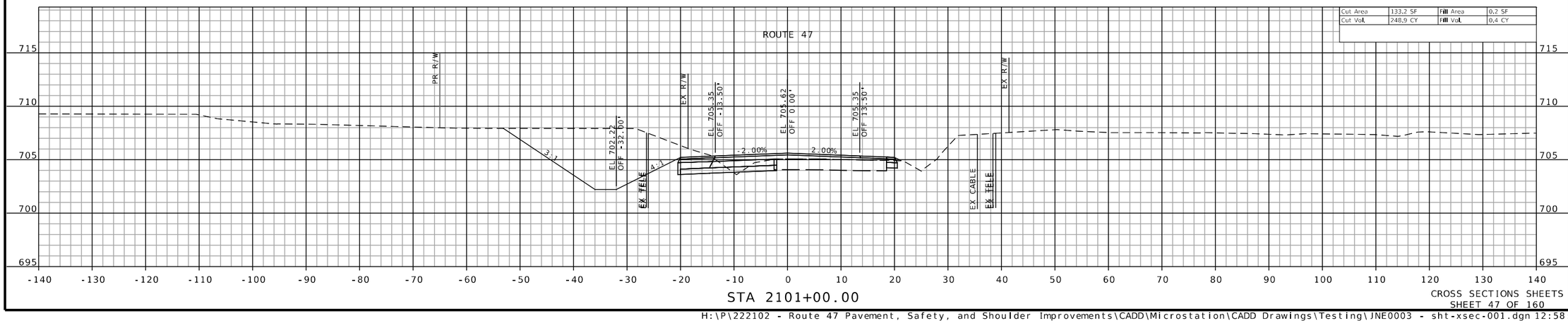
MISSOURI DESIGN FIRM PE-001166



STA 2103+00.00



STA 2102+00.00



STA 2101+00.00

CROSS SECTIONS SHEETS
SHEET 47 OF 160

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

STATE OF MISSOURI
JEFFREY R. RENSING
NUMBER PE-2006012376
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
8/26/2025

ROUTE	STATE
47	MO
DISTRICT	SHEET NO.
NE	47

COUNTY
LINCOLN

JOB NO.
JNE0003

CONTRACT ID.
.

PROJECT NO.
.

BRIDGE NO.
.

DATE	DESCRIPTION
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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

OATES ASSOCIATES

Collinsville
101 Lanter Court, Suite 1
Collinsville, IL 62234
618.343.2200

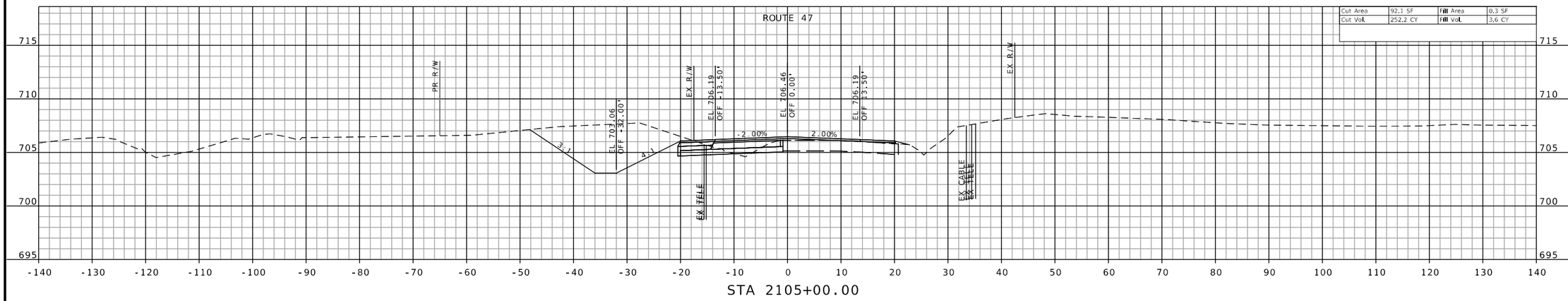
Belleville
1 South Church, Suite 200
Belleville, IL 62220
618.416.6488

St. Louis
720 Olive, Suite 700
St. Louis, MO 63101
314.588.8881

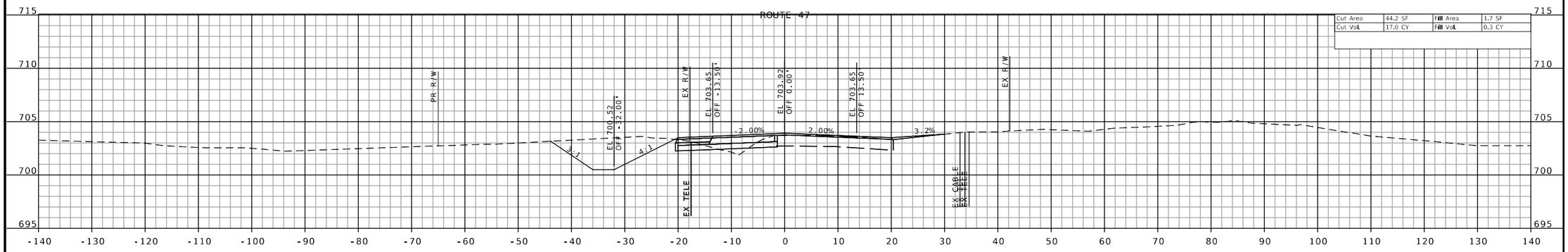
St. Charles
820 South Main, Suite 309
St. Charles, MO 63301
636.493.6277

www.oatesassociates.com

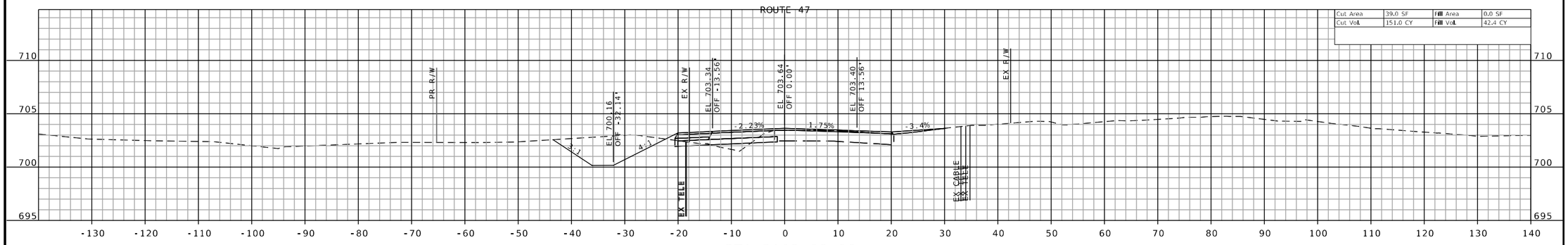
MISSOURI DESIGN FIRM PE-001166



STA 2105+00.00



STA 2104+00.00



STA 2103+88.99
PE RT SKEW 5°25'51"

CROSS SECTIONS SHEETS
SHEET 48 OF 160

H:\P\222102 - Route 47 Pavement, Safety, and Shoulder Improvements\CADD\Microstation\CADD Drawings\Testing\JNE0003 - sht-xsec-001.dgn 12:59:17 PM 8/26/2025

STATE OF MISSOURI
JEFFREY R. RENSING
NUMBER PE-2006012376
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
8/26/2025

ROUTE	STATE
47	MO
DISTRICT	SHEET NO.
NE	48

COUNTY
LINCOLN

JOB NO.
JNE0003

CONTRACT ID.
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PROJECT NO.
.

BRIDGE NO.
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DESCRIPTION	DATE
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IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

OATES ASSOCIATES

Collinsville
100 Lanter Court, Suite 1
Collinsville, IL 62234
618.345.2200

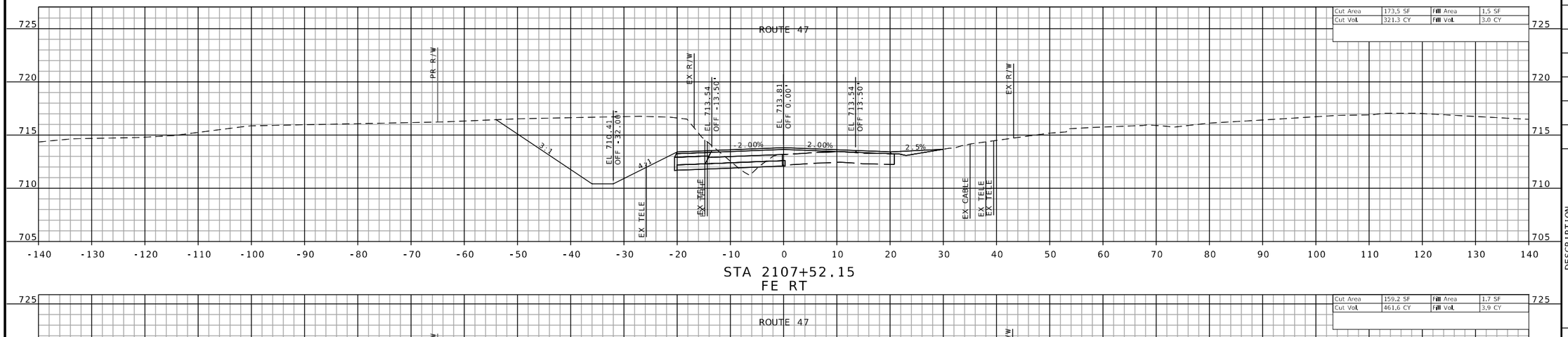
Belleville
1 South Church, Suite 200
Belleville, IL 62220
618.416.4688

St. Louis
720 Olive, Suite 700
St. Louis, MO 63101
314.588.8381

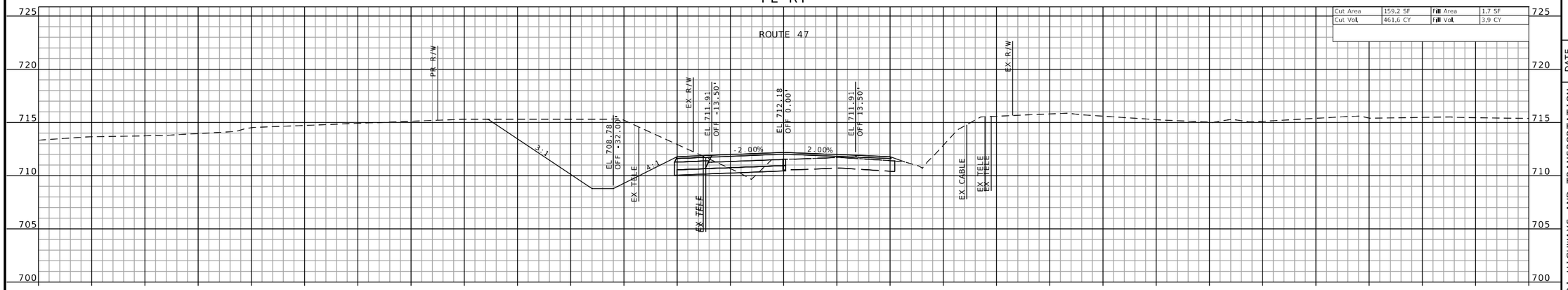
St. Charles
820 South Main, Suite 309
St. Charles, MO 63301
636.493.6277

www.oatesassociates.com

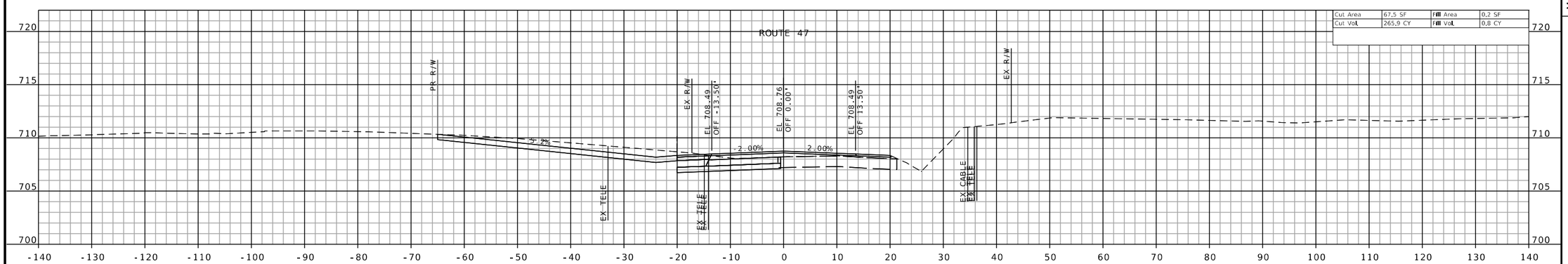
MISSOURI DESIGN FIRM PE-001166



STA 2107+52.15
FE RT



STA 2107+00.00



STA 2105+90.01
PE RT

CROSS SECTIONS SHEETS
SHEET 49 OF 160

STATE OF MISSOURI
JEFFREY R. RENSING
NUMBER PE-2006012376
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
8/26/2025

ROUTE	STATE
47	MO

DISTRICT	SHEET NO.
NE	49

COUNTY
LINCOLN

JOB NO.
JNE0003

CONTRACT ID.
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PROJECT NO.
.

BRIDGE NO.
.

DESCRIPTION	DATE
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IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

MoDOT

OATES ASSOCIATES

Collinsville
100 Lamer Court, Suite 1
Collinsville, IL 62234
618.345.2200

Belleville
1 South Church, Suite 200
Belleville, IL 62220
618.416.4588

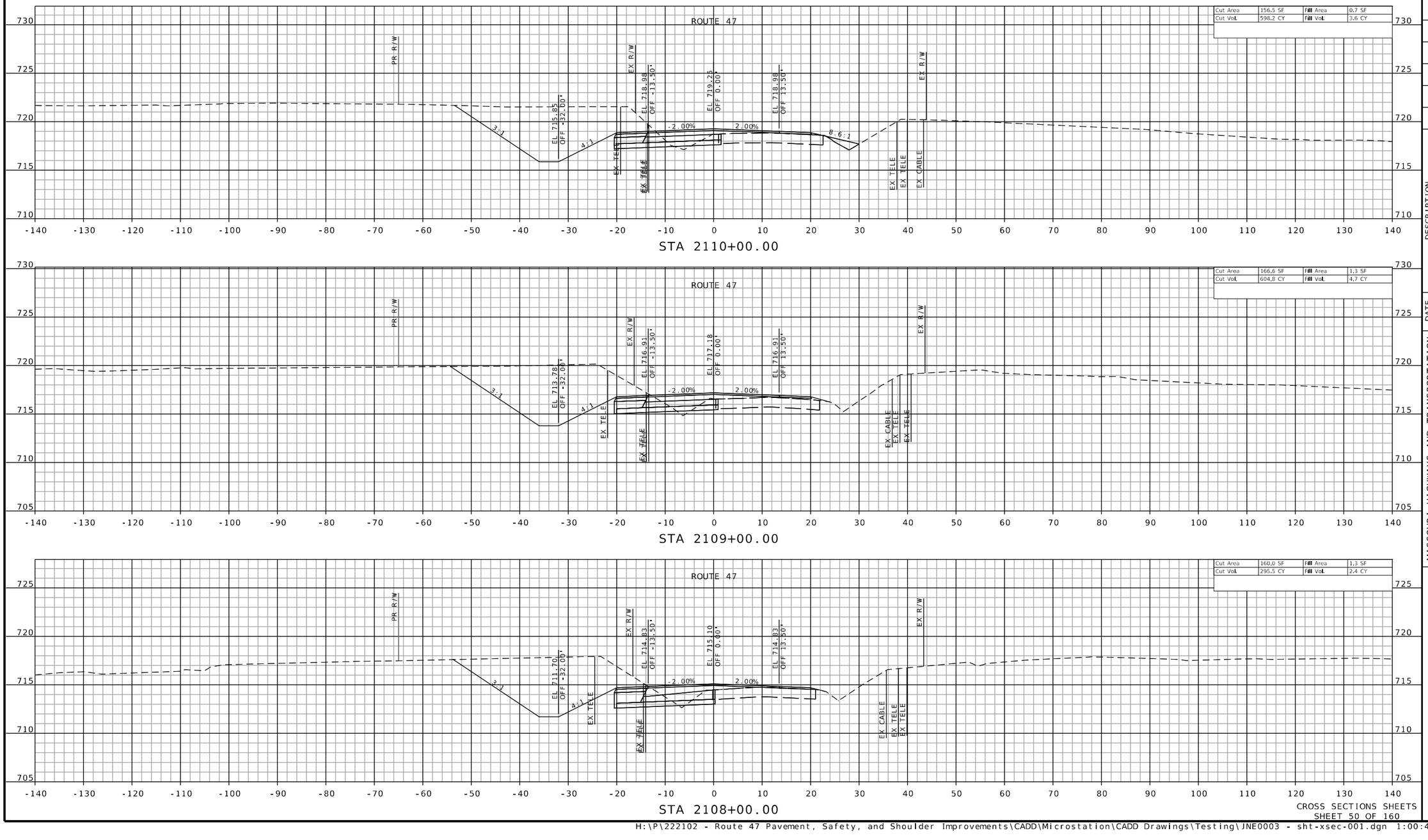
St. Louis
720 Olive, Suite 700
St. Louis, MO 63101
314.588.8881

St. Charles
820 South Main, Suite 309
St. Charles, MO 63301
636.493.6277

www.oatesassociates.com

MISSOURI DESIGN FIRM PE-001166

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CROSS SECTIONS SHEETS
SHEET 50 OF 160

H:\P\222102 - Route 47 Pavement, Safety, and Shoulder Improvements\CADD\Microstation\CADD Drawings\Testing\JNE0003 - sht-xsec-001.dgn 1:00:47 PM 8/26/2025

STATE OF MISSOURI
JEFFREY R. RENSING
NUMBER PE-2006012376
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
8/26/2025

ROUTE	STATE
47	MO
DISTRICT	SHEET NO.
NE	50

COUNTY
LINCOLN

JOB NO.
JNE0003

CONTRACT ID.
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PROJECT NO.
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BRIDGE NO.
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DESCRIPTION	DATE
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IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

St. Louis
720 Olive Street, Suite 700
St. Louis, MO 63101
314.588.8181

St. Charles
820 South Main, Suite 309
St. Charles, MO 63301
636.493.6277

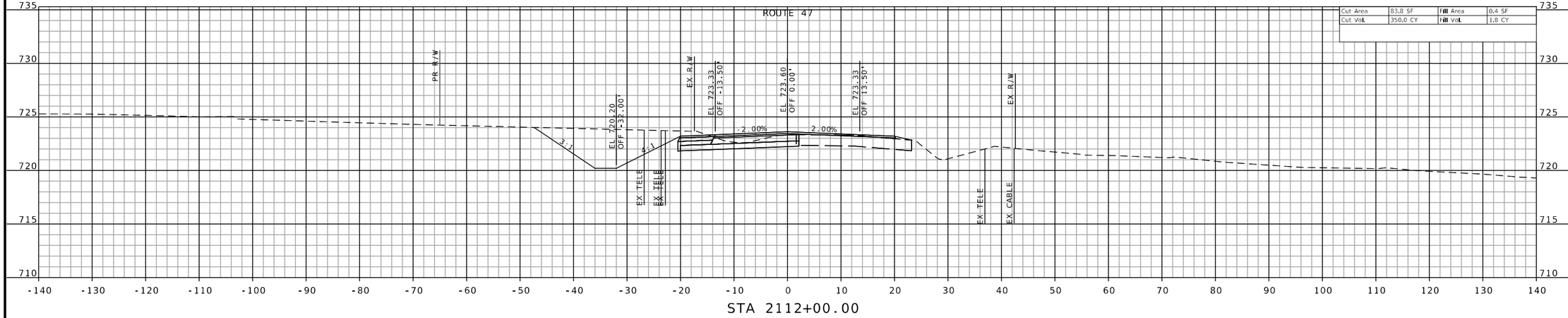
Collinsville
100 Lanter Court, Suite 1
Collinsville, IL 62234
618.345.2200

Belleville
1 South Church, Suite 200
Belleville, IL 62220
618.416.4858

www.oatesassociates.com

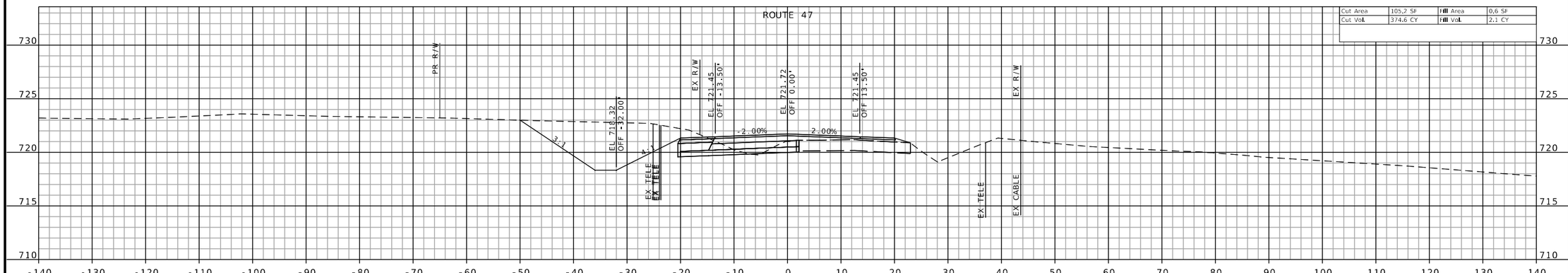
OATES ASSOCIATES

MISSOURI DESIGN FIRM PE-001166



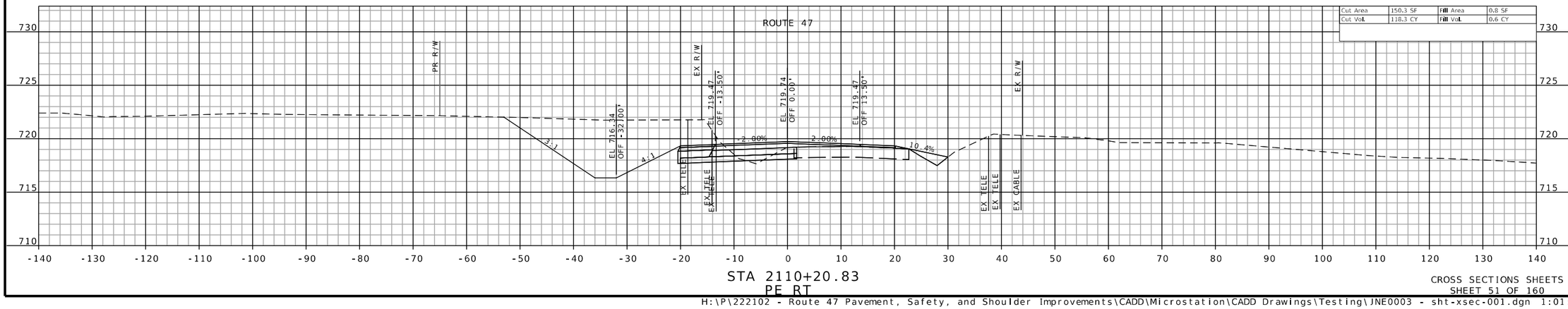
Cut Area	83.8 SF	Fill Area	0.4 SF
Cut Vol.	350.0 CY	Fill Vol.	1.8 CY

STA 2112+00.00



Cut Area	105.2 SF	Fill Area	0.6 SF
Cut Vol.	374.6 CY	Fill Vol.	2.1 CY

STA 2111+00.00



Cut Area	150.3 SF	Fill Area	0.8 SF
Cut Vol.	118.3 CY	Fill Vol.	0.6 CY

STA 2110+20.83
PE RT

CROSS SECTIONS SHEETS
SHEET 51 OF 160

STATE OF MISSOURI
JEFFREY R. RENSING
NUMBER PE-2006012376
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
8/26/2025

ROUTE	STATE
47	MO
DISTRICT	SHEET NO.
NE	51

COUNTY
LINCOLN

JOB NO.
JNE0003

CONTRACT ID.
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PROJECT NO.
.

BRIDGE NO.
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DESCRIPTION	DATE
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IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

OATES ASSOCIATES

Collinsville
100 Lamer Court, Suite 1
Collinsville, IL 62234
618.345.2200

Belleville
1 South Church, Suite 200
Belleville, IL 62220
618.416.4588

St. Louis
720 Olive, Suite 700
St. Louis, MO 63101
314.588.8881

St. Charles
820 South Main, Suite 309
St. Charles, MO 63301
636.493.6277

www.oatesassociates.com

MISSOURI DESIGN FIRM PE-001166

CROSS SECTIONS SHEETS
SHEET 52 OF 160

STATE OF MISSOURI
JEFFREY R. RENSING
NUMBER PE-2006012376
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
8/26/2025

ROUTE	STATE
47	MO
DISTRICT	SHEET NO.
NE	52

COUNTY
LINCOLN

JOB NO.
JNE0003

CONTRACT ID.
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PROJECT NO.
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BRIDGE NO.
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DESCRIPTION	DATE
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IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

MoDOT

OATES ASSOCIATES

Collinsville
100 Lamper Court, Suite 1
Collinsville, IL 62234
618.345.2200

Belleville
1 South Church, Suite 200
Belleville, IL 62220
618.416.6688

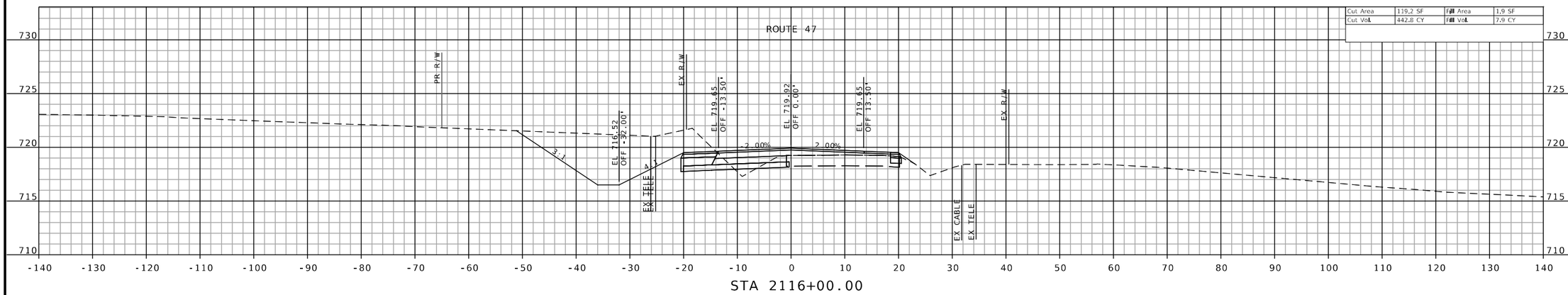
St. Louis
720 Olive, Suite 700
St. Louis, MO 63101
314.588.8881

St. Charles
820 South Main, Suite 309
St. Charles, MO 63301
636.493.6277

www.oatesassociates.com

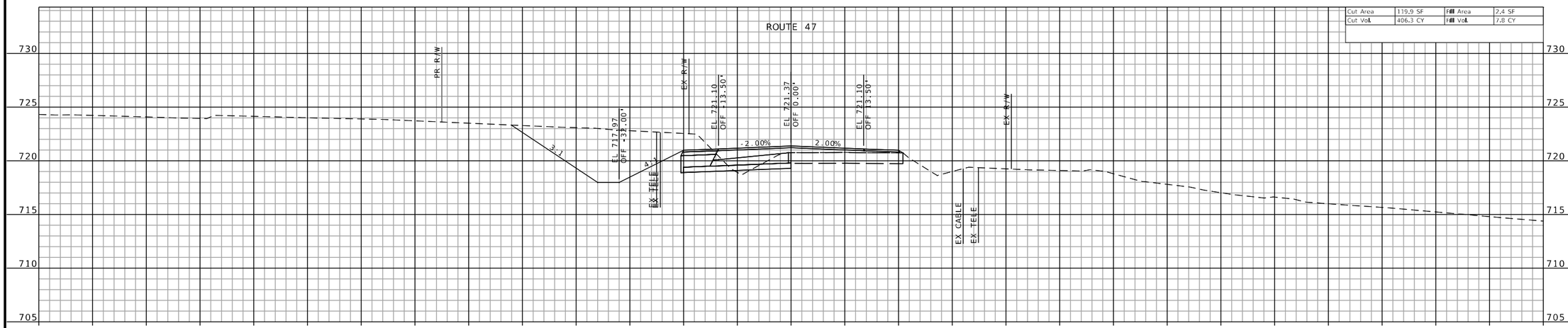
MISSOURI DESIGN FIRM PE-001166

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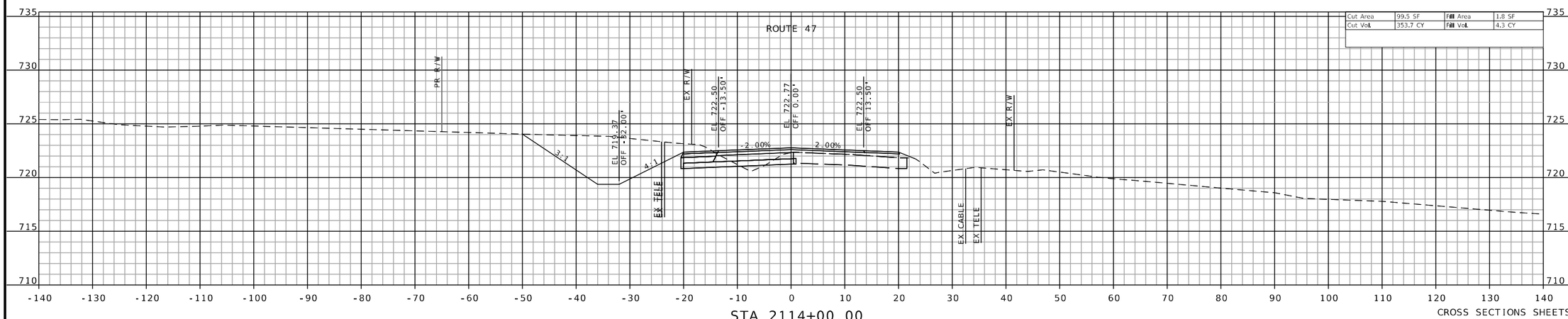
Cut Area	119.2 SF	Fill Area	1.9 SF
Cut Vol.	442.8 CY	Fill Vol.	7.9 CY

STA 2116+00.00



Cut Area	119.9 SF	Fill Area	2.4 SF
Cut Vol.	406.3 CY	Fill Vol.	7.8 CY

STA 2115+00.00



Cut Area	99.5 SF	Fill Area	1.8 SF
Cut Vol.	353.7 CY	Fill Vol.	4.3 CY

STA 2114+00.00

CROSS SECTIONS SHEETS
SHEET 53 OF 160

STATE OF MISSOURI
JEFFREY R. RENSING
NUMBER PE-2006012376
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
8/26/2025

ROUTE	STATE
47	MO
DISTRICT	SHEET NO.
NE	53

COUNTY
LINCOLN

JOB NO.
JNE0003

CONTRACT ID.
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PROJECT NO.
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BRIDGE NO.
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DESCRIPTION	DATE
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IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

OATES ASSOCIATES

Collinsville
100 Lanter Court, Suite 1
Collinsville, IL 62234
618.345.2200

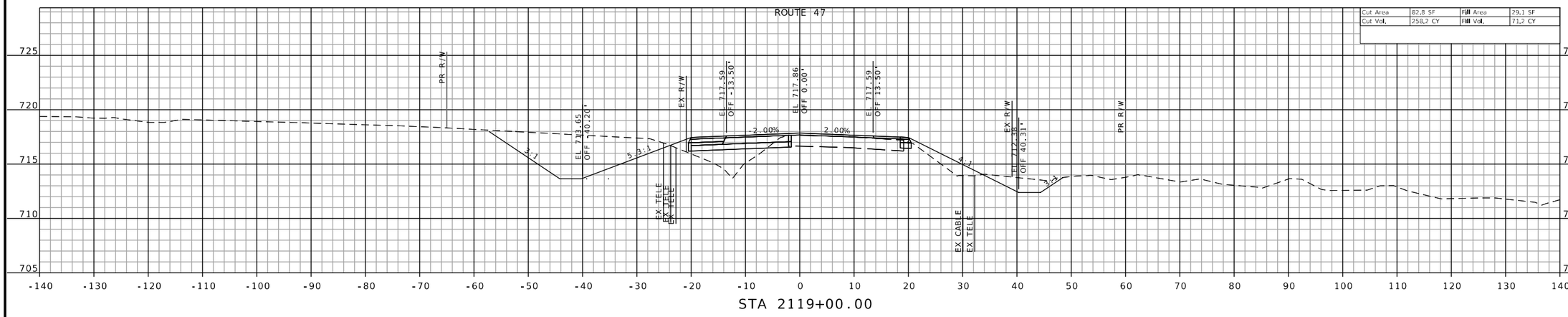
Belleville
1 South Church, Suite 200
Belleville, IL 62220
618.416.4868

St. Louis
720 Olive, Suite 700
St. Louis, MO 63101
314.588.8381

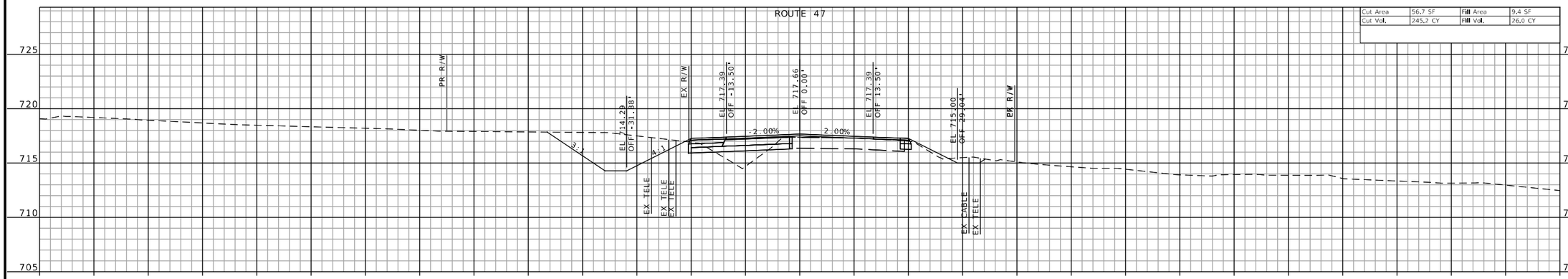
St. Charles
820 South Main, Suite 309
St. Charles, MO 63301
636.493.6277

www.oatesassociates.com

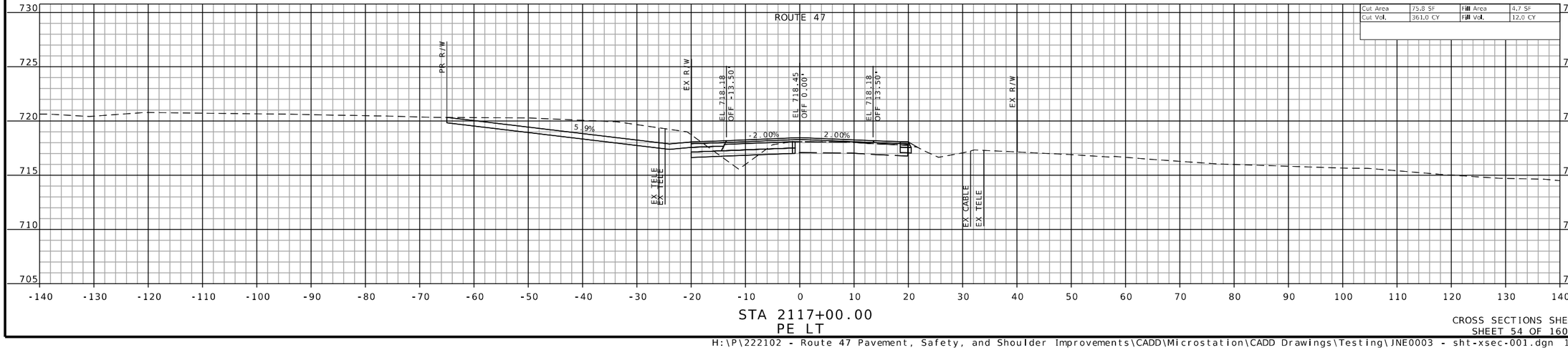
MISSOURI DESIGN FIRM PE-001166



STA 2119+00.00



STA 2118+00.00



STA 2117+00.00
PE LT

CROSS SECTIONS SHEETS
SHEET 54 OF 160

H:\P\222102 - Route 47 Pavement, Safety, and Shoulder Improvements\CADD\Microstation\CADD Drawings\Testing\JNE0003 - sht-xsec-001.dgn 1:03:49 PM 8/26/2025

STATE OF MISSOURI
JEFFREY R. RENSING
NUMBER PE-2006012376
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
8/26/2025

ROUTE	STATE
47	MO
DISTRICT	SHEET NO.
NE	54

COUNTY
LINCOLN

JOB NO.
JNE0003

CONTRACT ID.
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PROJECT NO.
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BRIDGE NO.
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DATE	DESCRIPTION
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IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

OATES ASSOCIATES
MISSOURI DESIGN FIRM PE-001166

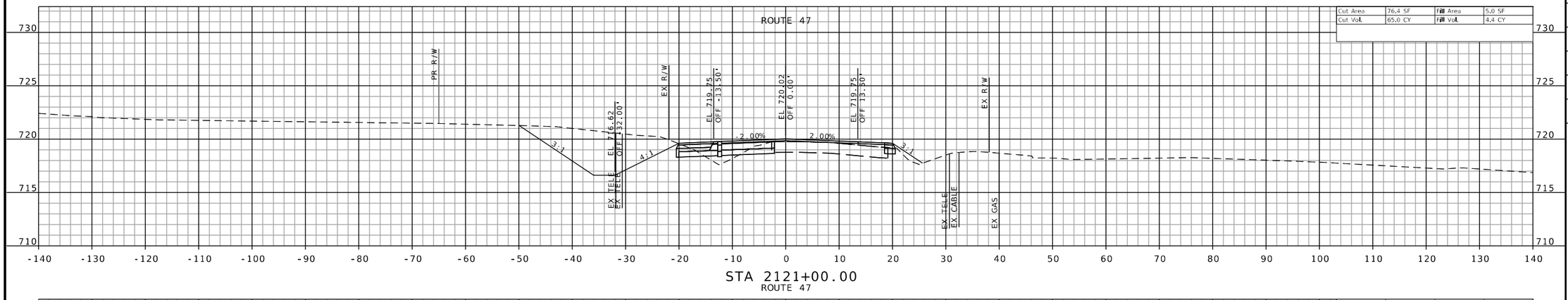
Collinsville
100 Lamper Court, Suite 1
Collinsville, IL 62234
618-345-2200

Belleville
1 South Church, Suite 200
Belleville, IL 62220
618-416-6688

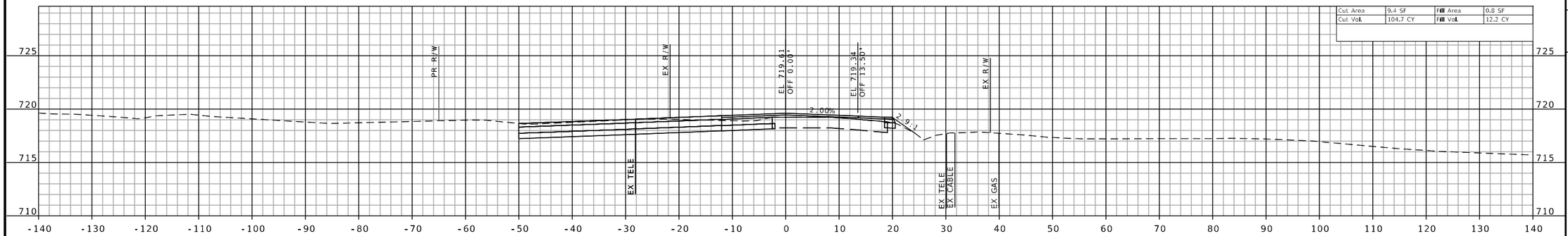
St. Louis
720 Olive, Suite 700
St. Louis, MO 63101
314-588-8881

St. Charles
820 South Main, Suite 309
St. Charles, MO 63301
636-493-8277

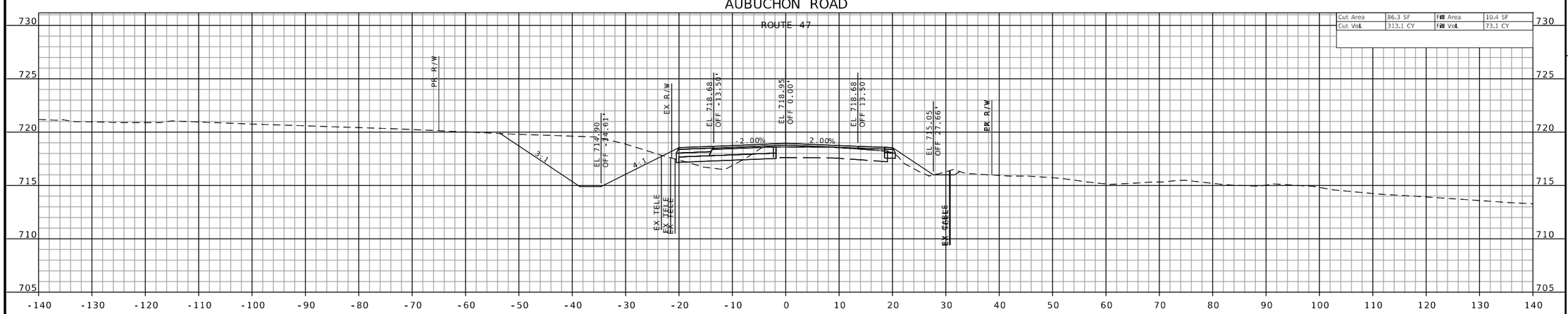
www.oatesassociates.com



STA 2121+00.00
ROUTE 47



STA 2120+59.06
AUBUCHON ROAD



STA 2120+00.00

STATE OF MISSOURI
JEFFREY R. RENSING
NUMBER PE-2006012376
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
8/26/2025

ROUTE	STATE
47	MO
DISTRICT	SHEET NO.
NE	55

COUNTY
LINCOLN

JOB NO.
JNE0003

CONTRACT ID.
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PROJECT NO.
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BRIDGE NO.
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DATE	DESCRIPTION
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IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

OATES ASSOCIATES

Collinsville
100 Lanter Court, Suite 1
Collinsville, IL 62234
618.345.2200

Belleville
1 South Church, Suite 200
Belleville, IL 62220
618.416.4858

St. Louis
720 Olive, Suite 700
St. Louis, MO 63101
314.588.8381

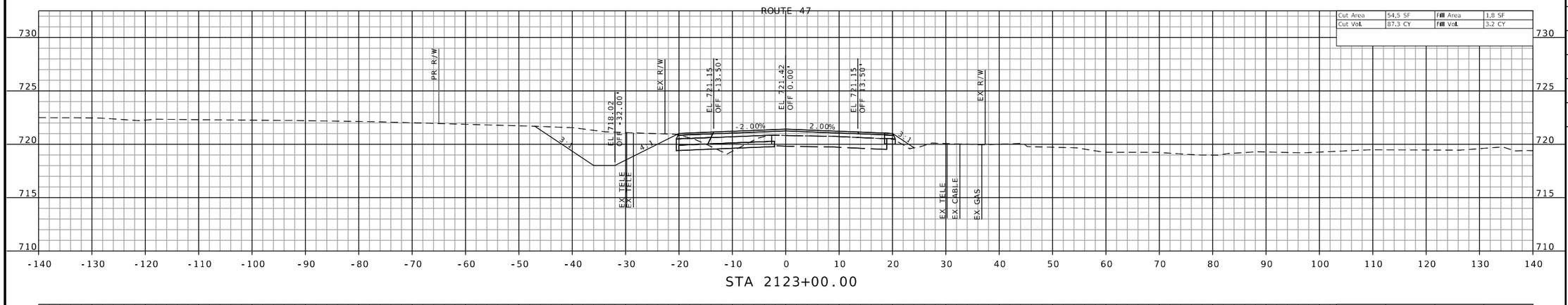
St. Charles
805 South Main, Suite 309
St. Charles, MO 63301
636.493.6277

www.oatesassociates.com

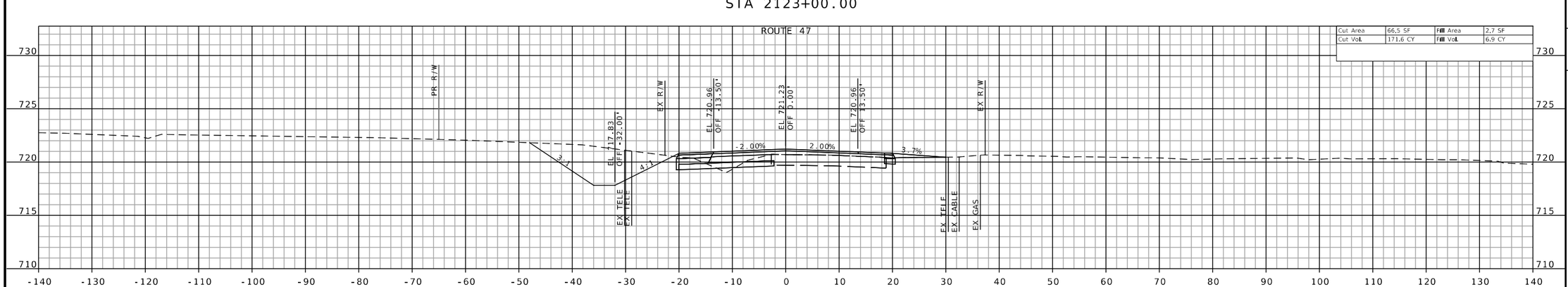
MISSOURI DESIGN FIRM PE-001166

CROSS SECTIONS SHEETS
SHEET 55 OF 160

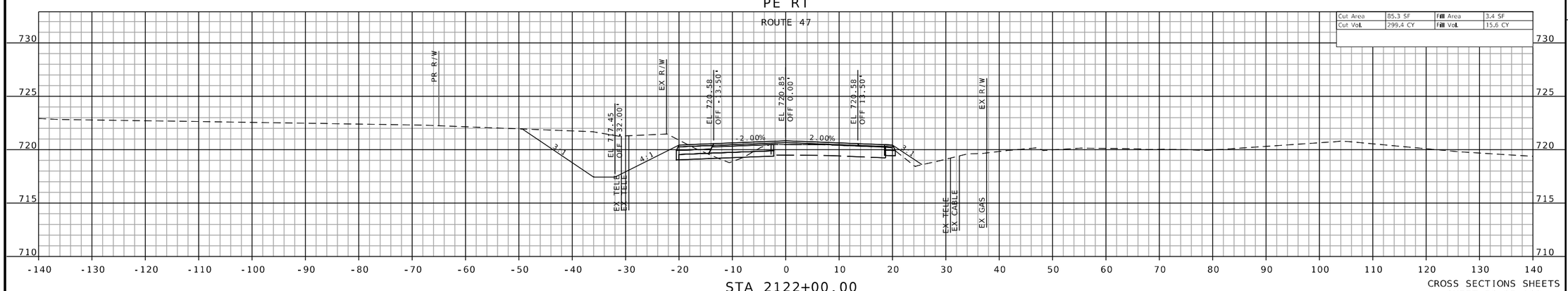
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STA 2123+00.00



STA 2122+61.04
PE RT



STA 2122+00.00

CROSS SECTIONS SHEETS
SHEET 56 OF 160

STATE OF MISSOURI
JEFFREY R. RENSING
NUMBER PE-2006012376
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
8/26/2025

ROUTE	STATE
47	MO
DISTRICT	SHEET NO.
NE	56

COUNTY
LINCOLN

JOB NO.
JNE0003

CONTRACT ID.
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PROJECT NO.
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BRIDGE NO.
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DESCRIPTION	DATE
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IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

MoDOT

OATES ASSOCIATES

Collinsville
100 Lamer Court, Suite 1
Collinsville, IL 62234
618.345.2200

Belleville
1 South Church, Suite 200
Belleville, IL 62220
618.416.4588

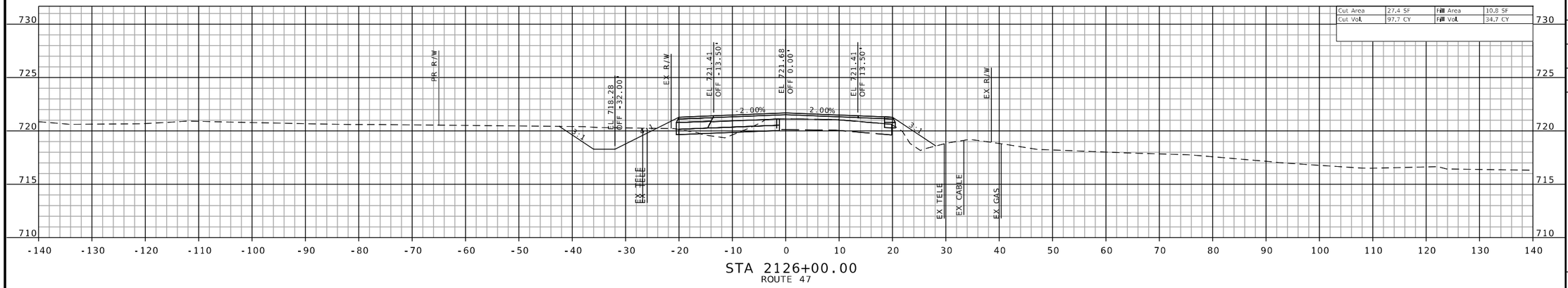
St. Louis
720 Olive, Suite 700
St. Louis, MO 63101
314.588.8581

St. Charles
820 South Main, Suite 309
St. Charles, MO 63301
636.493.6277

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MISSOURI DESIGN FIRM PE-001166

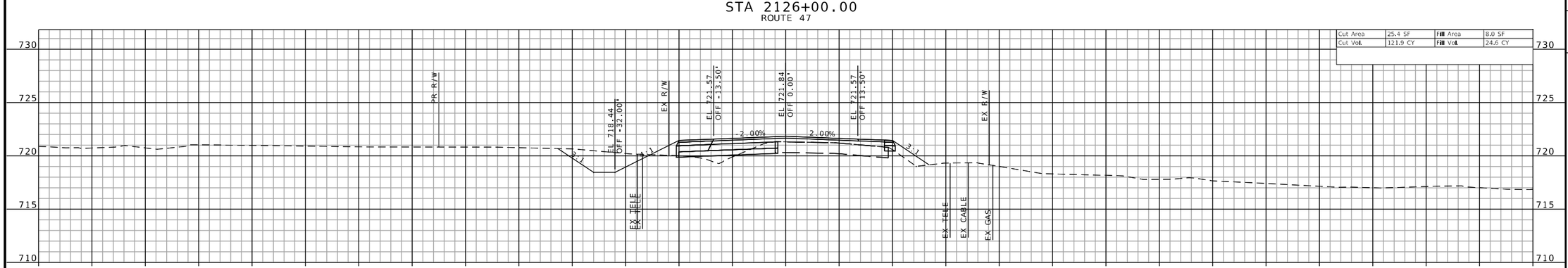
ROUTE 47



Cut Area	27.4 SF	Fill Area	10.8 SF
Cut Vol.	97.7 CY	Fill Vol.	34.7 CY

STA 2126+00.00

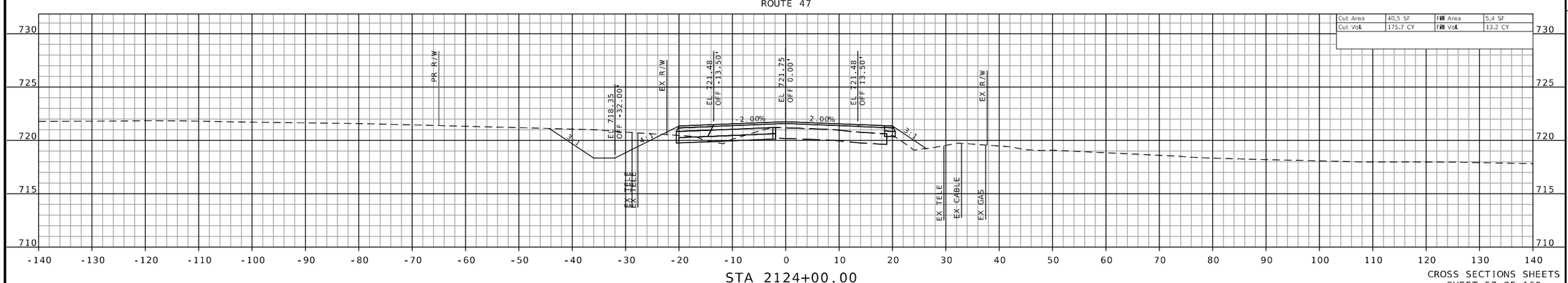
ROUTE 47



Cut Area	25.4 SF	Fill Area	8.0 SF
Cut Vol.	121.9 CY	Fill Vol.	24.6 CY

STA 2125+00.00

ROUTE 47



Cut Area	40.5 SF	Fill Area	5.4 SF
Cut Vol.	175.7 CY	Fill Vol.	13.2 CY

STA 2124+00.00

CROSS SECTIONS SHEETS
SHEET 57 OF 160

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STATE OF MISSOURI
JEFFREY R. RENSING
NUMBER PE-2006012376
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
8/26/2025

ROUTE	STATE
47	MO
DISTRICT	SHEET NO.
NE	57

COUNTY
LINCOLN

JOB NO.
JNE0003

CONTRACT ID.
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PROJECT NO.
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BRIDGE NO.
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DESCRIPTION	DATE
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IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

OATES ASSOCIATES

Collinsville
100 Lanter Court, Suite 1
Collinsville, IL 62234
618.345.2200

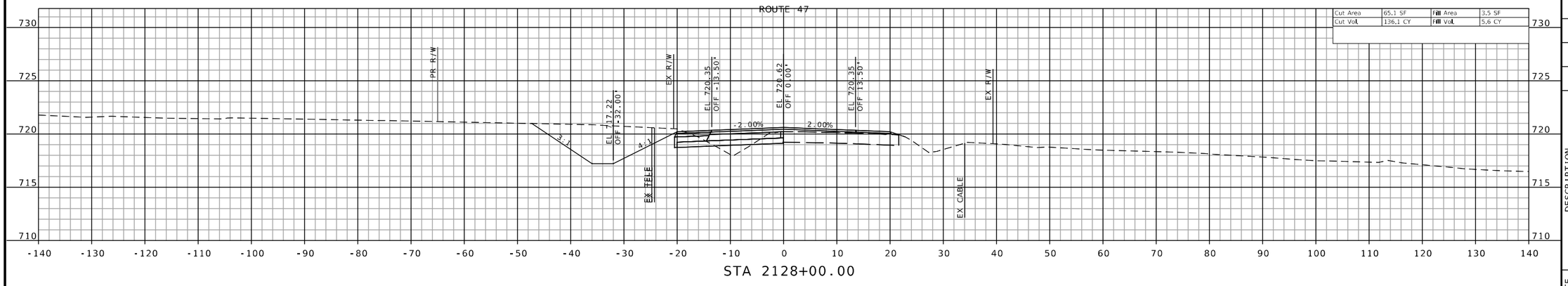
Belleville
1 South Church, Suite 200
Belleville, IL 62220
618.416.4888

St. Louis
720 Olive, Suite 700
St. Louis, MO 63101
314.288.8381

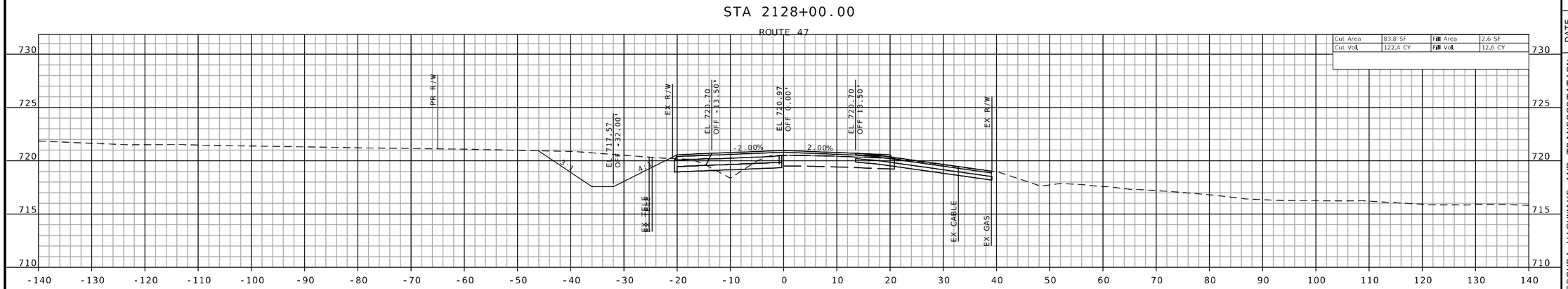
St. Charles
820 South Main, Suite 309
St. Charles, MO 63301
636.493.6277

www.oatesassociates.com

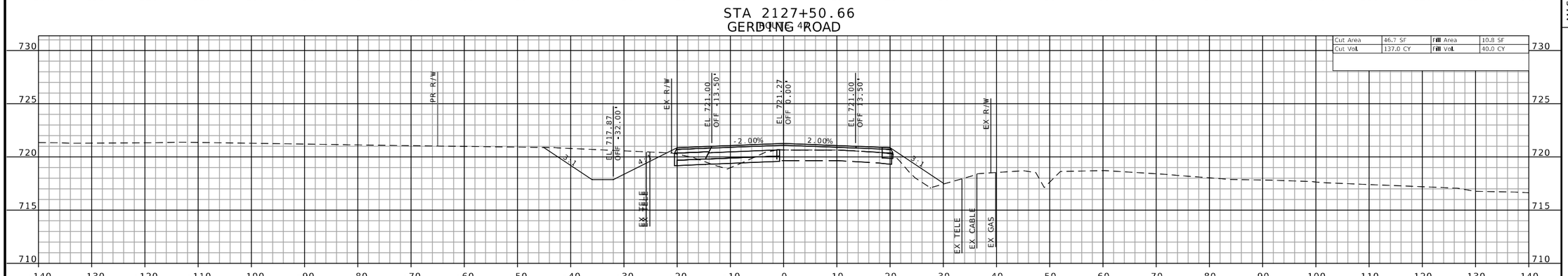
MISSOURI DESIGN FIRM PE-001166



STA 2128+00.00



STA 2127+50.66
GERDING ROAD



STA 2127+00.00

CROSS SECTIONS SHEETS
SHEET 58 OF 160

H:\P\222102 - Route 47 Pavement, Safety, and Shoulder Improvements\CADD\Microstation\CADD Drawings\Testing\JNE0003 - sht-xsec-001.dgn 1:06:50 PM 8/26/2025

STATE OF MISSOURI
JEFFREY R. RENSING
NUMBER PE-2006012376
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
8/26/2025

ROUTE	STATE
47	MO
DISTRICT	SHEET NO.
NE	58

COUNTY
LINCOLN

JOB NO.
JNE0003

CONTRACT ID.
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PROJECT NO.
.

BRIDGE NO.
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DESCRIPTION	DATE
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IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

MoDOT

OATES ASSOCIATES

Collinsville
100 Lanter Court, Suite 1
Collinsville, IL 62234
618.345.2000

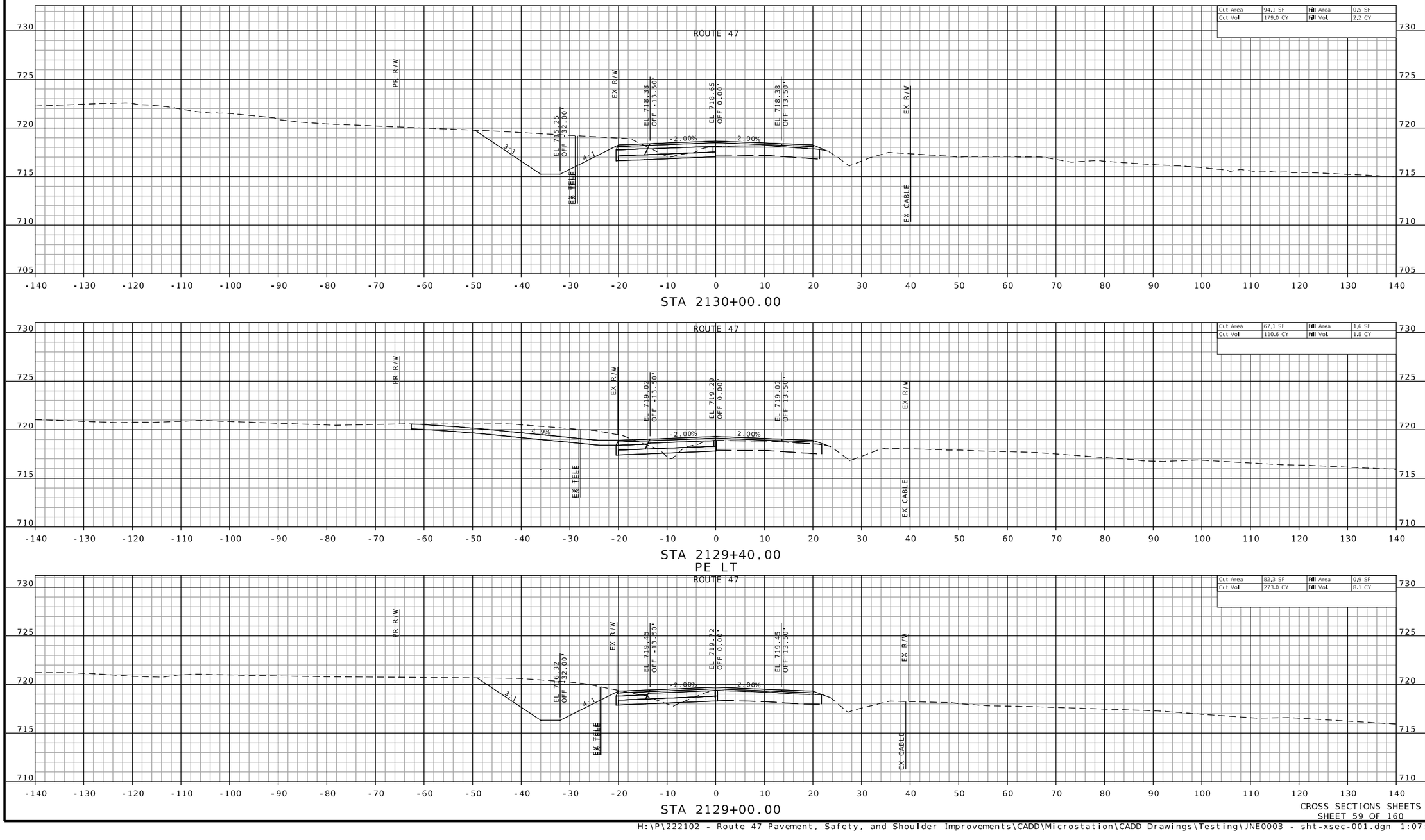
Belleville
1 South Church, Suite 200
Belleville, IL 62220
618.416.4888

St. Louis
720 Olive, Suite 700
St. Louis, MO 63101
314.288.8381

St. Charles
820 South Main, Suite 309
St. Charles, MO 63301
636.493.6277

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MISSOURI DESIGN FIRM PE-001166



CROSS SECTIONS SHEETS
SHEET 59 OF 160

STATE OF MISSOURI
JEFFREY R. RENSING
NUMBER PE-2006012376
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
8/26/2025

ROUTE	STATE
47	MO
DISTRICT	SHEET NO.
NE	59

COUNTY
LINCOLN

JOB NO.
JNE0003

CONTRACT ID.
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PROJECT NO.
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BRIDGE NO.
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DATE	DESCRIPTION
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IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

OATES ASSOCIATES

Collinsville
100 Lamper Court, Suite 1
Collinsville, IL 62234
618-343-2200

St. Louis
720 Olive, Suite 700
St. Louis, MO 63101
314-588-8181

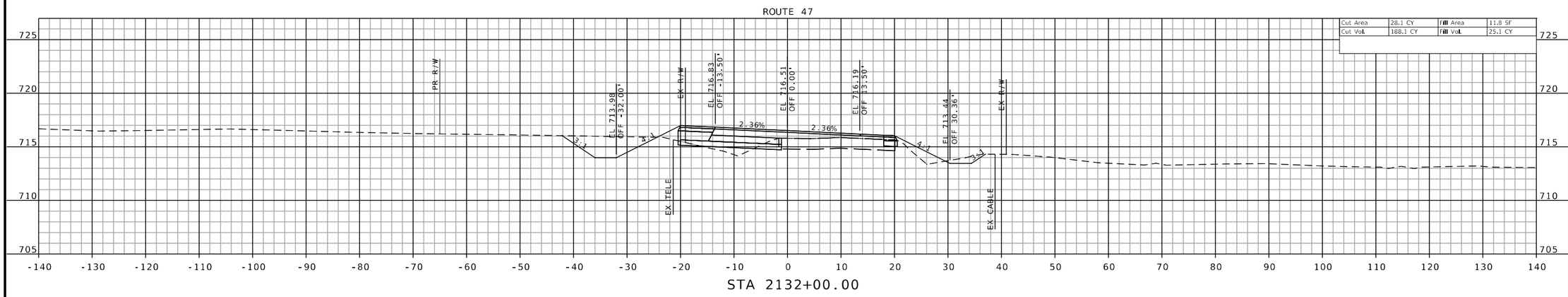
Belleville
1 South Church, Suite 200
Belleville, IL 62220
618-416-4488

St. Charles
820 South Main, Suite 309
St. Charles, MO 63301
636-493-5277

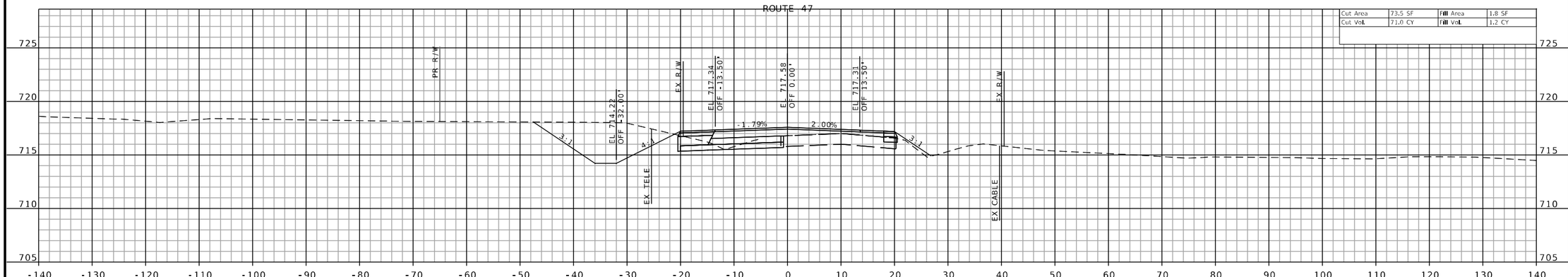
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MISSOURI DESIGN FIRM PE-001166

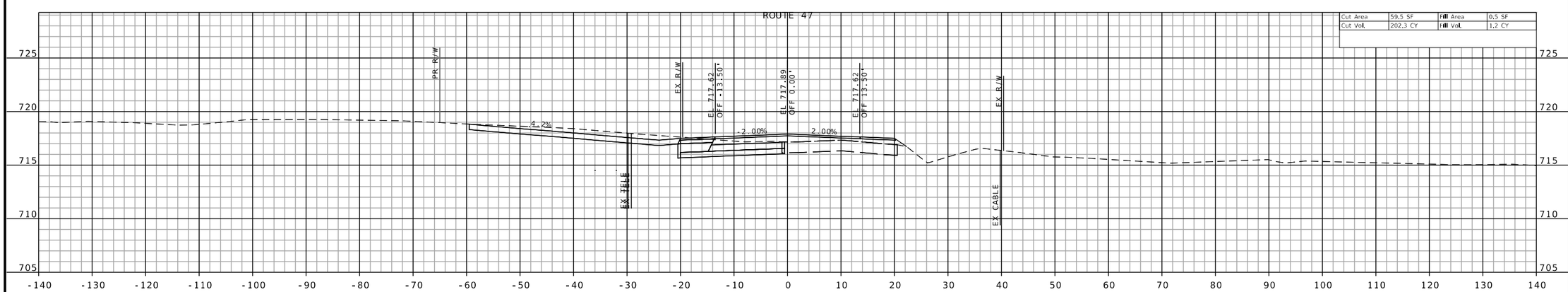
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STA 2132+00.00



STA 2131+00.00



STA 2130+71.16
PE LT

CROSS SECTIONS SHEETS
SHEET 60 OF 160

H:\P\222102 - Route 47 Pavement, Safety, and Shoulder Improvements\CADD\Microstation\CADD Drawings\Testing\JNE0003 - sht-xsec-001.dgn 1:08:17 PM 8/26/2025

STATE OF MISSOURI
JEFFREY R. RENSING
NUMBER PE-2006012376
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
8/26/2025

ROUTE	STATE
47	MO
DISTRICT	SHEET NO.
NE	60

COUNTY
LINCOLN

JOB NO.
JNE0003

CONTRACT ID.
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PROJECT NO.
.

BRIDGE NO.
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DATE	DESCRIPTION
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IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

OATES ASSOCIATES

St. Louis
720 Olive, Suite 700
St. Louis, MO 63101
314.588.8881

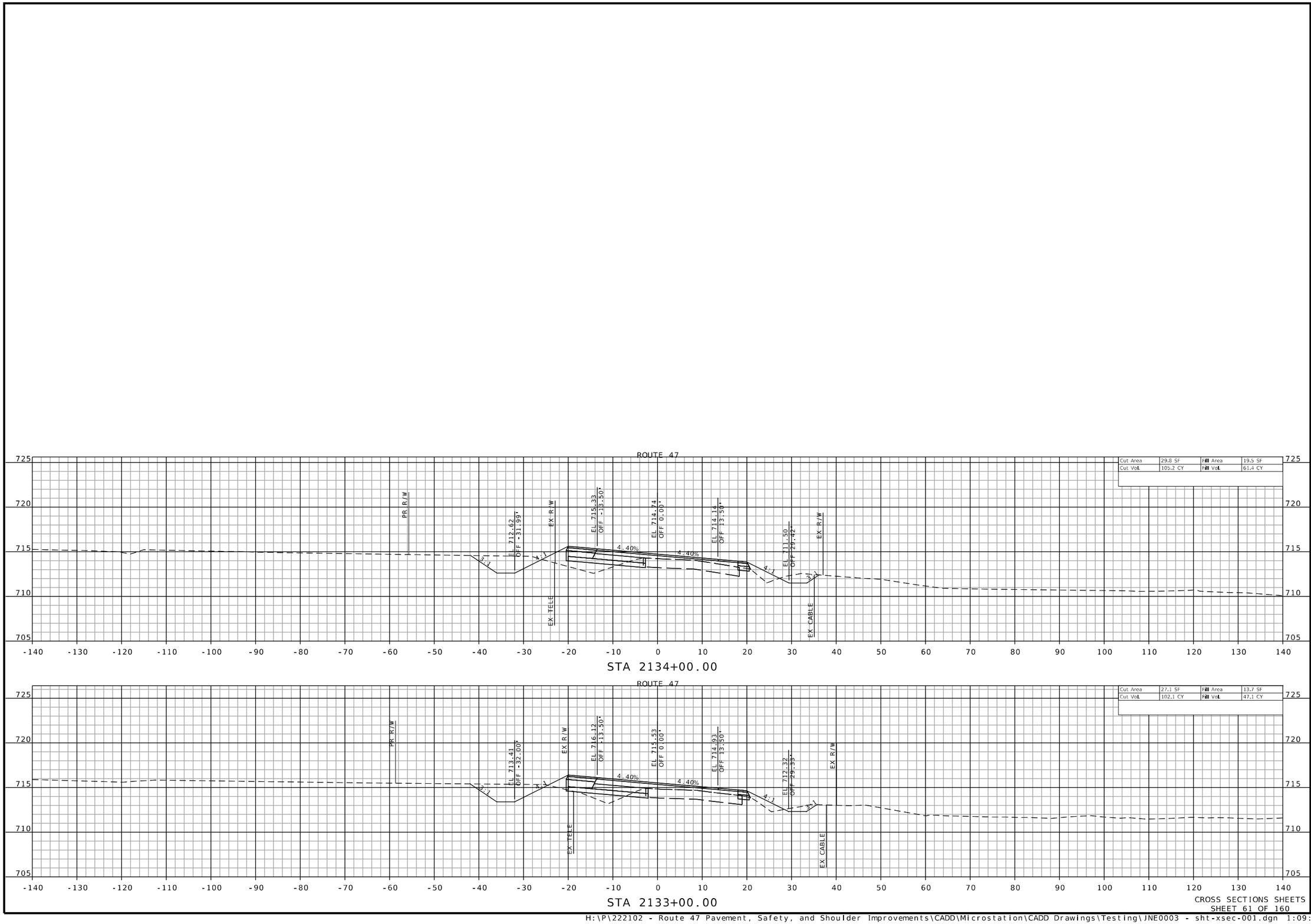
St. Charles
820 South Main, Suite 309
St. Charles, MO 63301
636.493.6277

Collinsville
100 Lanter Court, Suite 1
Collinsville, IL 62234
618.345.2200

Belleville
1 South Church, Suite 200
Belleville, IL 62220
618.416.4888

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MISSOURI DESIGN FIRM PE-001166



STATE OF MISSOURI
JEFFREY R. RENSING
NUMBER PE-2006012376
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
8/26/2025

ROUTE	STATE
47	MO
DISTRICT	SHEET NO.
NE	61

COUNTY
LINCOLN

JOB NO.
JNE0003

CONTRACT ID.
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PROJECT NO.
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BRIDGE NO.
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DESCRIPTION	DATE
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IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

OATES ASSOCIATES

Collinsville
100 Lamper Court, Suite 1
Collinsville, IL 62234
618-343-2200

St. Louis
720 Olive, Suite 700
St. Louis, MO 63101
314-588-8181

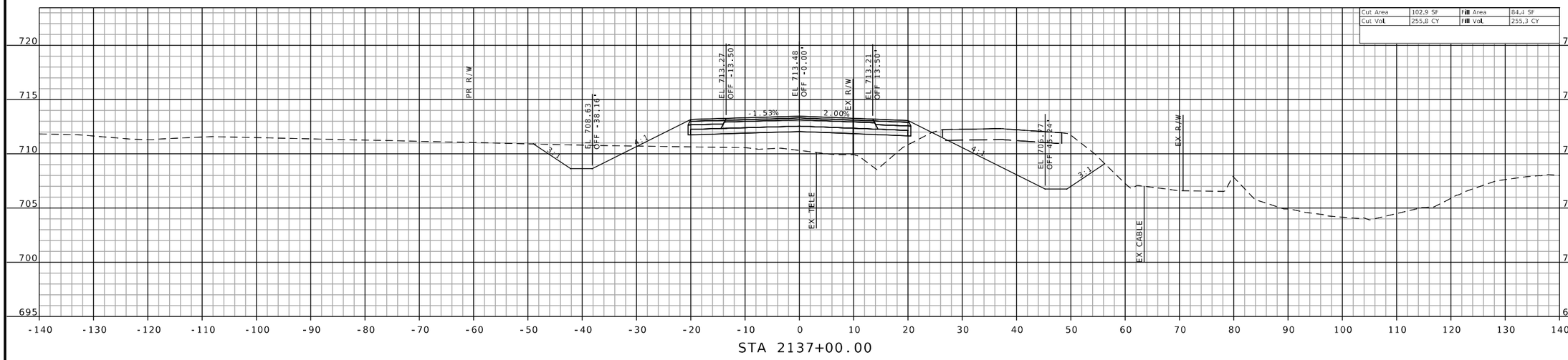
Belleville
1 South Church, Suite 200
Belleville, IL 62220
618-416-4488

St. Charles
820 South Main, Suite 309
St. Charles, MO 63301
636-493-5277

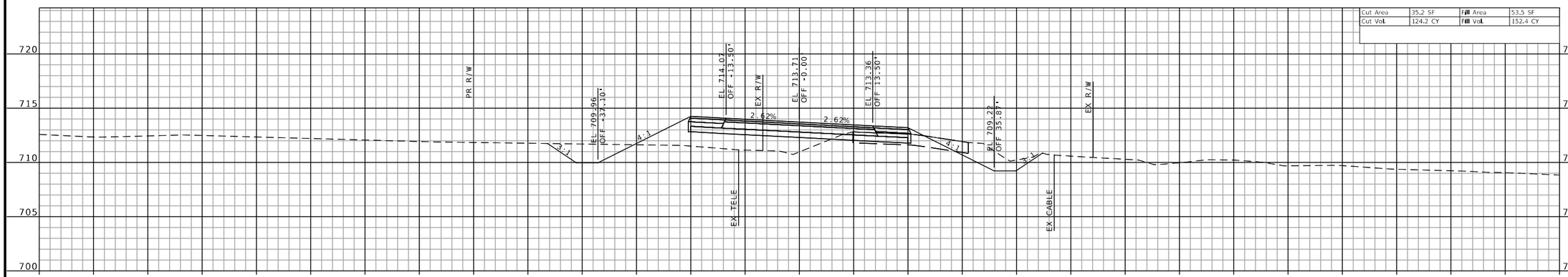
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MISSOURI DESIGN FIRM PE-001166

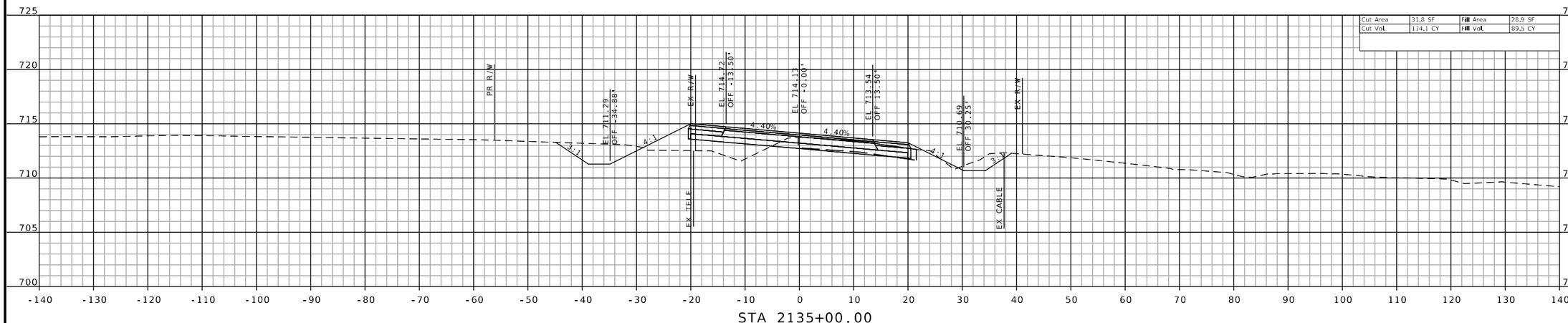
CROSS SECTIONS SHEETS
SHEET 61 OF 160



STA 2137+00.00



STA 2136+00.00



STA 2135+00.00

CROSS SECTIONS SHEETS
SHEET 62 OF 160

STATE OF MISSOURI
JEFFREY R. RENSING
NUMBER PE-2006012376
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
8/26/2025

ROUTE	STATE
47	MO
DISTRICT	SHEET NO.
NE	62

COUNTY
LINCOLN

JOB NO.
JNE0003

CONTRACT ID.
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PROJECT NO.
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BRIDGE NO.
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DESCRIPTION	DATE
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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

OATES ASSOCIATES
MISSOURI DESIGN FIRM PE-001166

Collinsville
100 Lamper Court, Suite 1
Collinsville, IL 62234
618-343-2200

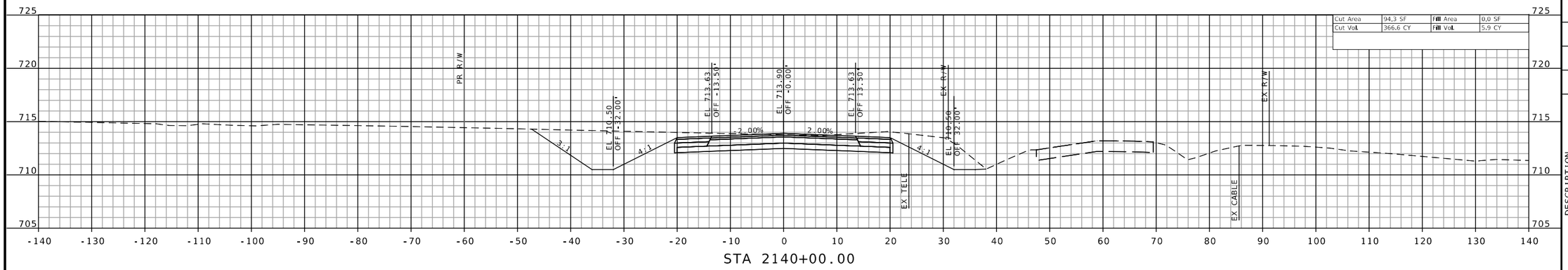
Belleville
1 South Church, Suite 200
Belleville, IL 62220
618-416-4488

St. Louis
720 Olive, Suite 700
St. Louis, MO 63101
314-588-8381

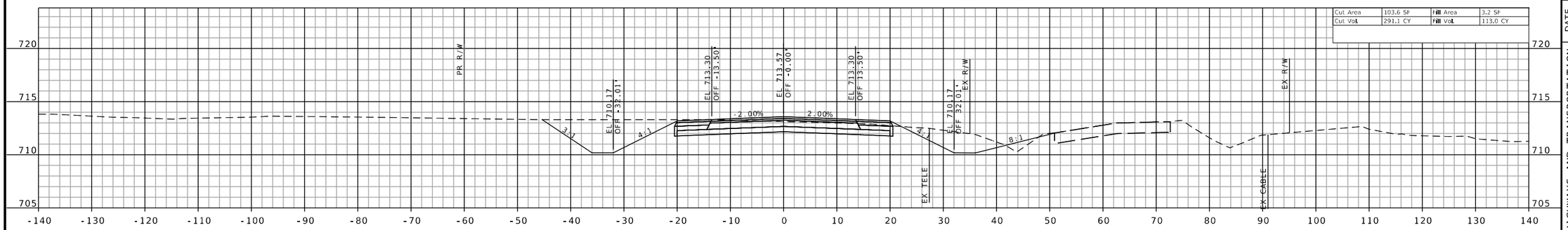
St. Charles
820 South Main, Suite 309
St. Charles, MO 63301
636-493-5277

www.oatesassociates.com

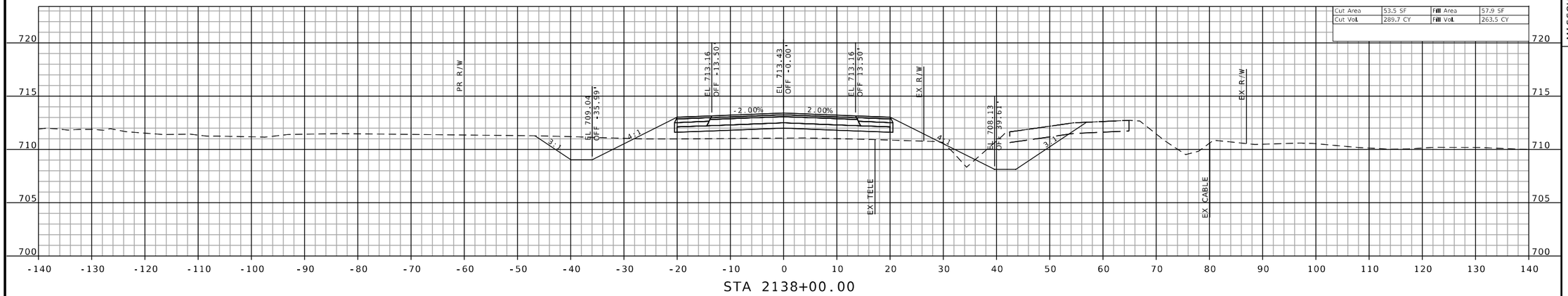
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STA 2140+00.00



STA 2139+00.00



STA 2138+00.00

CROSS SECTIONS SHEETS
SHEET 63 OF 160

STATE OF MISSOURI
JEFFREY R. RENSING
NUMBER PE-2006012376
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
8/26/2025

ROUTE	STATE
47	MO
DISTRICT	SHEET NO.
NE	63

COUNTY
LINCOLN

JOB NO.
JNE0003

CONTRACT ID.
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PROJECT NO.
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BRIDGE NO.
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DESCRIPTION	DATE
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IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

OATES ASSOCIATES

Collinsville
100 Lamper Court, Suite 1
Collinsville, IL 62234
618-343-2200

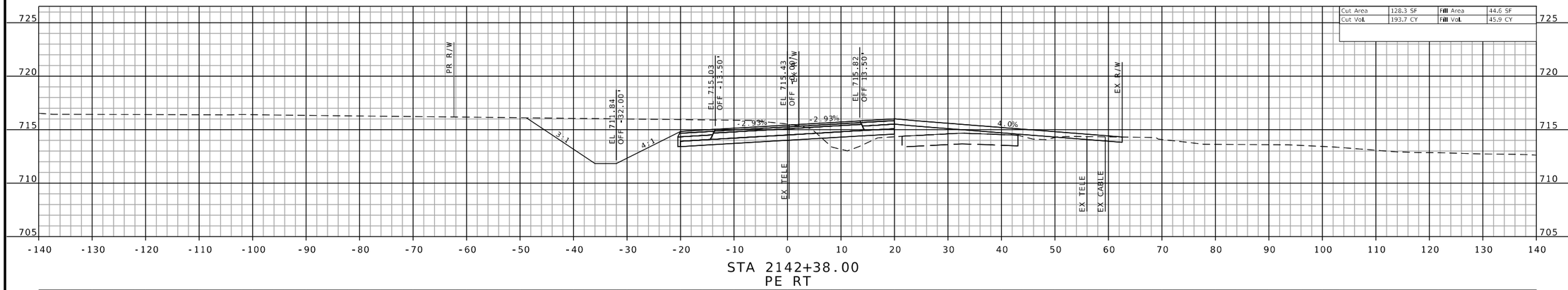
St. Louis
720 Olive, Suite 700
St. Louis, MO 63101
314-588-8381

Belleville
1 South Church, Suite 200
Belleville, IL 62220
618-416-4488

St. Charles
820 South Main, Suite 309
St. Charles, MO 63301
636-493-5277

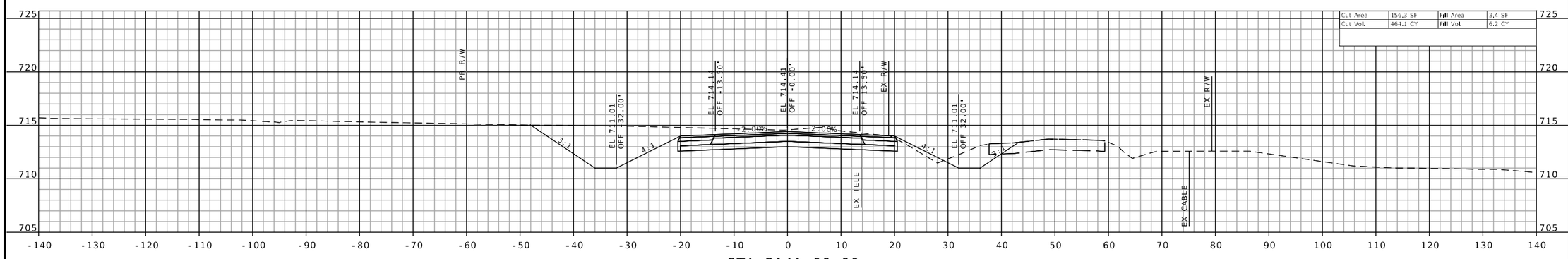
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MISSOURI DESIGN FIRM PE-001166



STA 2142+38.00
PE RT

STA 2142+00.00



STA 2141+00.00

CROSS SECTIONS SHEETS
SHEET 64 OF 160

STATE OF MISSOURI
JEFFREY R. RENSING
NUMBER PE-2006012376
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
8/26/2025

ROUTE	STATE
47	MO
DISTRICT	SHEET NO.
NE	64

COUNTY
LINCOLN

JOB NO.
JNE0003

CONTRACT ID.
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PROJECT NO.
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BRIDGE NO.
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DATE	DESCRIPTION
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IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

OATES ASSOCIATES
MISSOURI DESIGN FIRM PE-001166

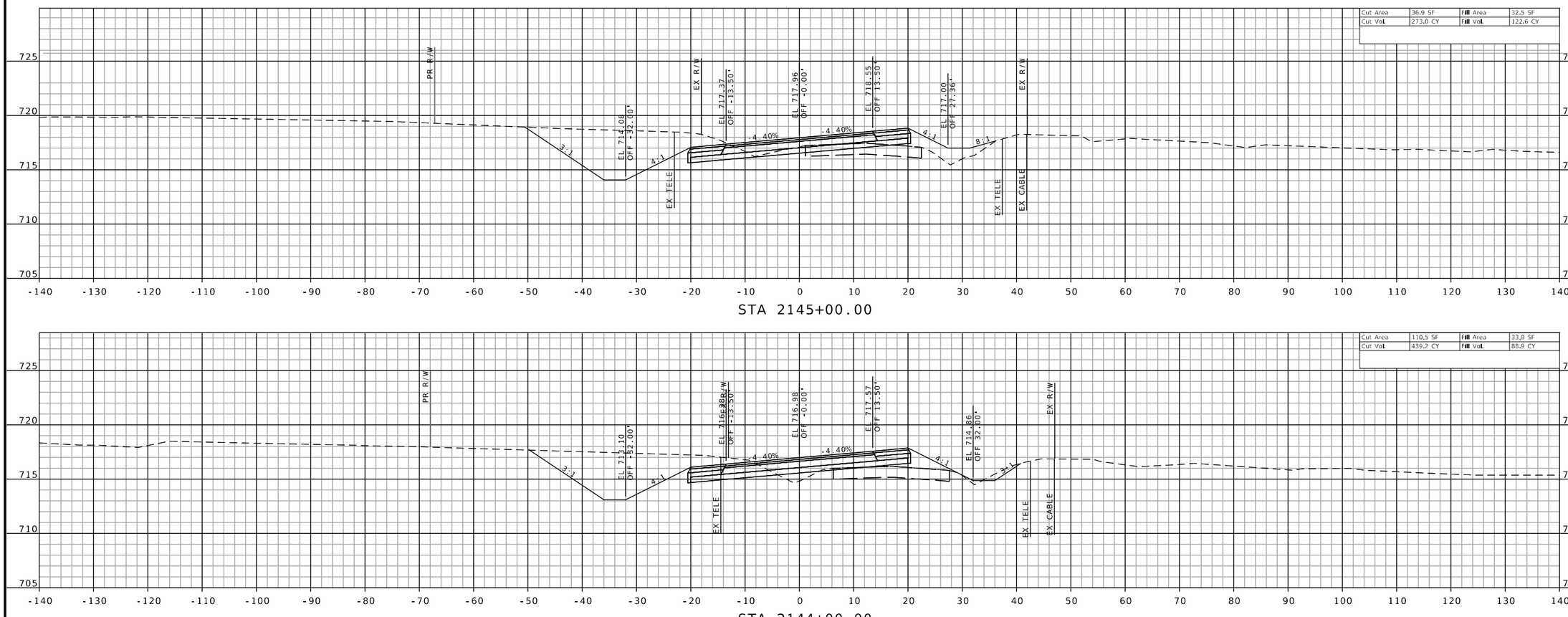
Collinsville
100 Lamer Court, Suite 1
Caseyville, IL 62234
618.345.2000

Belleville
1 South Church, Suite 200
Belleville, IL 62220
618.416.6588

St. Louis
720 Olive, Suite 700
St. Louis, MO 63101
314.588.8881

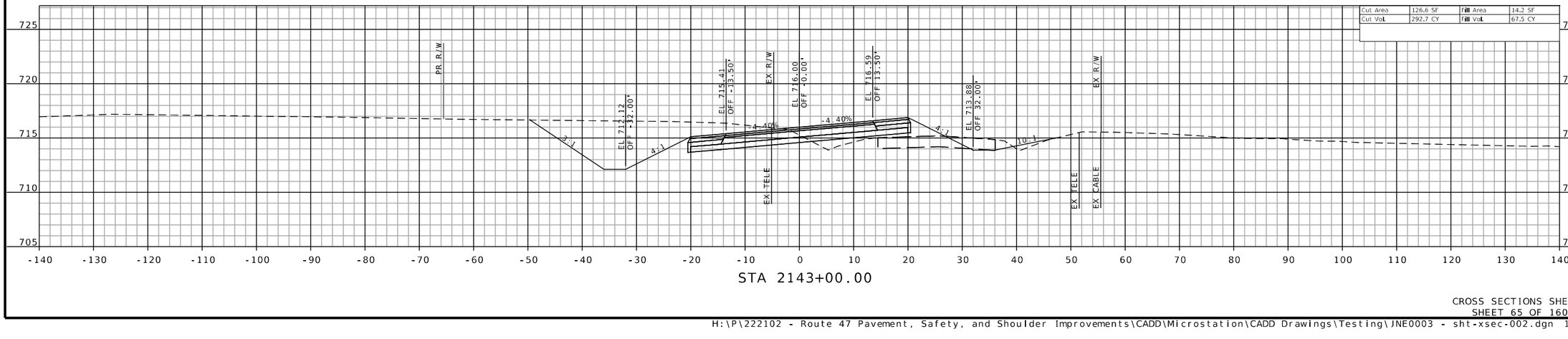
St. Charles
820 South Main, Suite 309
St. Charles, MO 63301
636.493.6277

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STA 2145+00.00

STA 2144+00.00



STA 2143+00.00

CROSS SECTIONS SHEETS
SHEET 65 OF 160

H:\P\222102 - Route 47 Pavement, Safety, and Shoulder Improvements\CADD\Microstation\CADD Drawings\Testing\JNE0003 - sht-xsec-002.dgn 1:30:11 PM 8/26/2025

STATE OF MISSOURI
JEFFREY R. RENSING
NUMBER PE-2006012376
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
8/26/2025

ROUTE	STATE
47	MO
DISTRICT	SHEET NO.
NE	65

COUNTY
LINCOLN

JOB NO.
JNE0003

CONTRACT ID.
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PROJECT NO.
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BRIDGE NO.
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IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

MoDOT

OATES ASSOCIATES

Collinsville
100 Lamer Court, Suite 1
Collinsville, IL 62234
618.345.2200

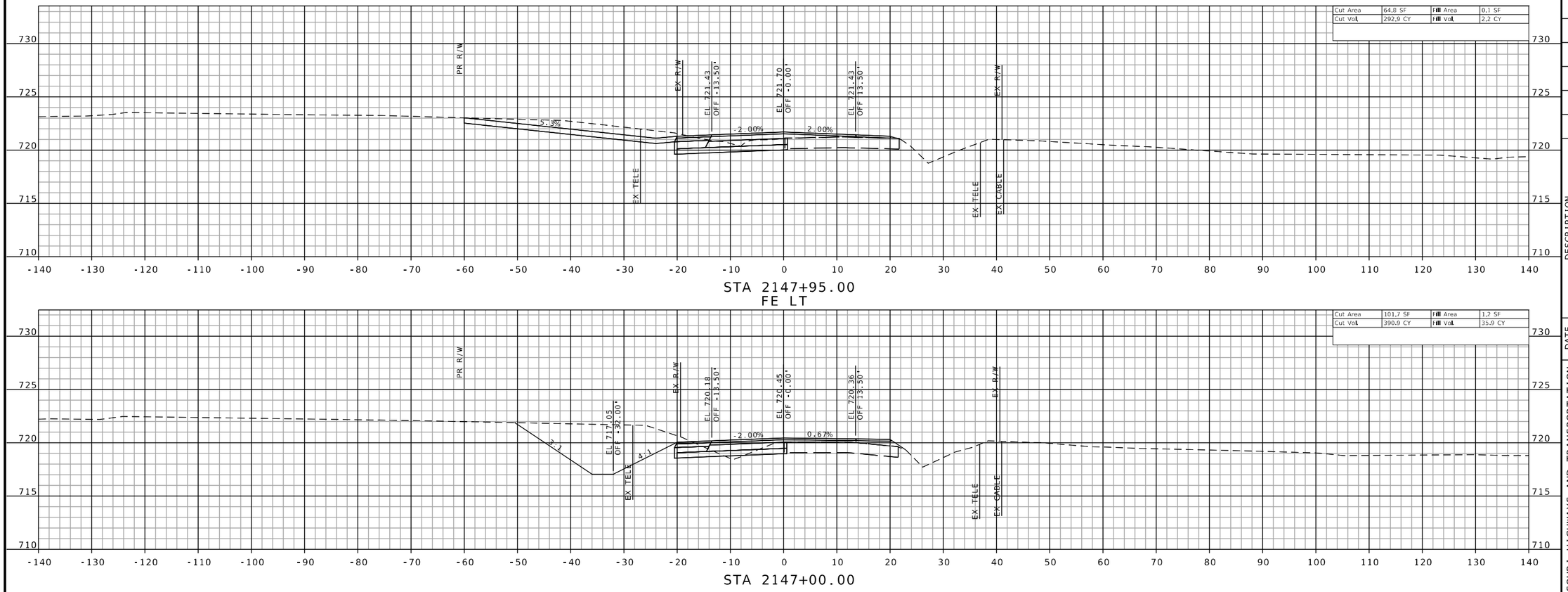
Belleville
1 South Church, Suite 200
Belleville, IL 62220
618.416.4588

St. Louis
720 Olive, Suite 700
St. Louis, MO 63101
314.588.8881

St. Charles
820 South Main, Suite 309
St. Charles, MO 63301
636.493.6277

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MISSOURI DESIGN FIRM PE-001166



CROSS SECTIONS SHEETS
SHEET 66 OF 160

H:\P\222102 - Route 47 Pavement, Safety, and Shoulder Improvements\CADD\Microstation\CADD Drawings\Testing\JNE0003 - sht-xsec-002.dgn 1:31:27 PM 8/26/2025

STATE OF MISSOURI
JEFFREY R. RENSING
NUMBER PE-2006012376
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
8/26/2025

ROUTE	STATE
47	MO
DISTRICT	SHEET NO.
NE	66

COUNTY
LINCOLN

JOB NO.
JNE0003

CONTRACT ID.
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PROJECT NO.
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BRIDGE NO.
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DESCRIPTION	DATE
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IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

MoDOT

OATES ASSOCIATES

Collinsville
100 Lamer Court, Suite 1
Collinsville, IL 62234
618.345.2200

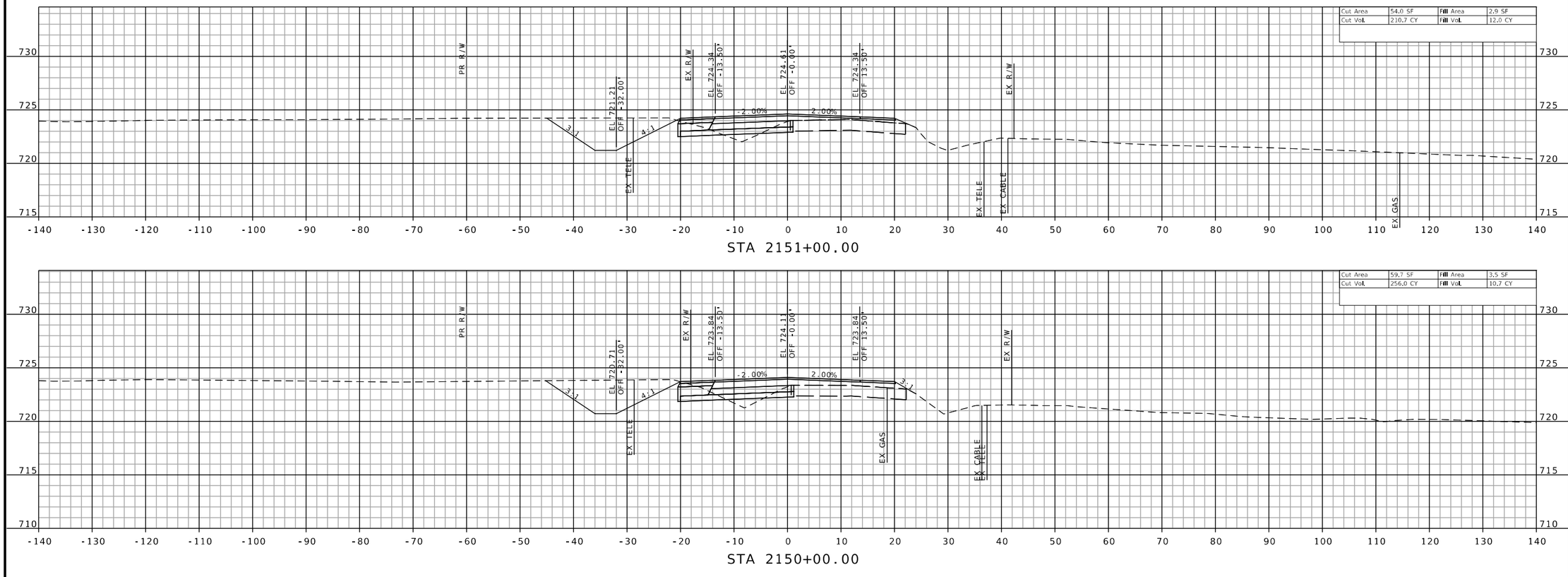
Belleville
1 South Church, Suite 200
Belleville, IL 62220
618.416.4588

St. Louis
720 Olive, Suite 700
St. Louis, MO 63101
314.588.8881

St. Charles
820 South Main, Suite 3J9
St. Charles, MO 63301
636.493.6277

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MISSOURI DESIGN FIRM PE-001166

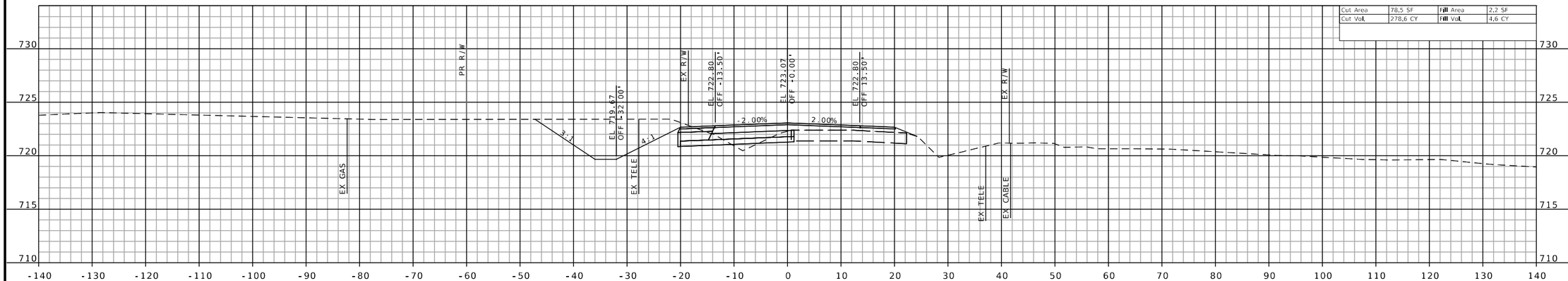


Cut Area	54.0 SF	Fill Area	2.9 SF
Cut Vol.	210.7 CY	Fill Vol.	12.0 CY

STA 2151+00.00

Cut Area	59.7 SF	Fill Area	3.5 SF
Cut Vol.	256.0 CY	Fill Vol.	10.7 CY

STA 2150+00.00



Cut Area	78.5 SF	Fill Area	2.2 SF
Cut Vol.	278.6 CY	Fill Vol.	4.6 CY

STA 2149+00.00

CROSS SECTIONS SHEETS
SHEET 67 OF 160

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

STATE OF MISSOURI
JEFFREY R. RENSING
NUMBER PE-2006012376
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
8/26/2025

ROUTE	STATE
47	MO
DISTRICT	SHEET NO.
NE	67

COUNTY
LINCOLN

JOB NO.
JNE0003

CONTRACT ID.
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PROJECT NO.
.

BRIDGE NO.
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DESCRIPTION	DATE
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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

OATES ASSOCIATES

Collinsville
100 Lamper Court, Suite 1
Collinsville, IL 62234
618.345.2200

Belleville
1 South Church, Suite 200
Belleville, IL 62220
618.416.6688

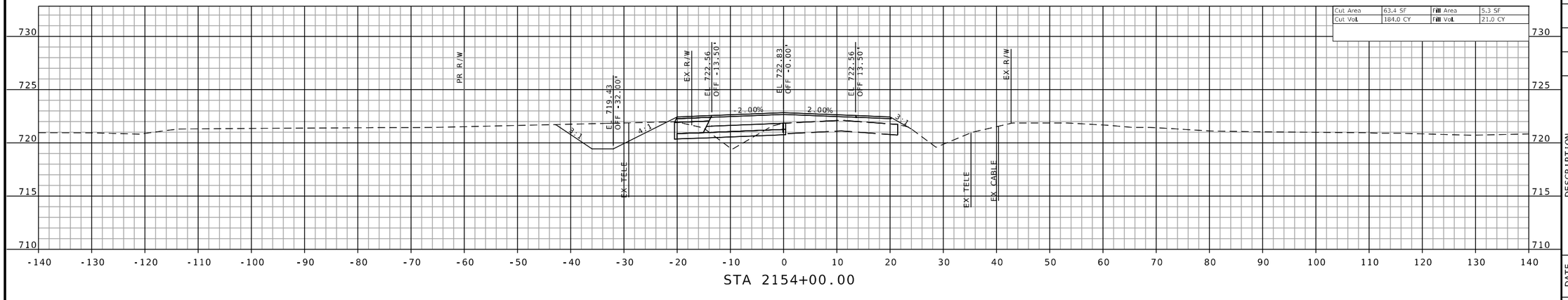
St. Louis
720 Olive, Suite 700
St. Louis, MO 63101
314.588.8881

St. Charles
820 South Main, Suite 309
St. Charles, MO 63301
636.493.6277

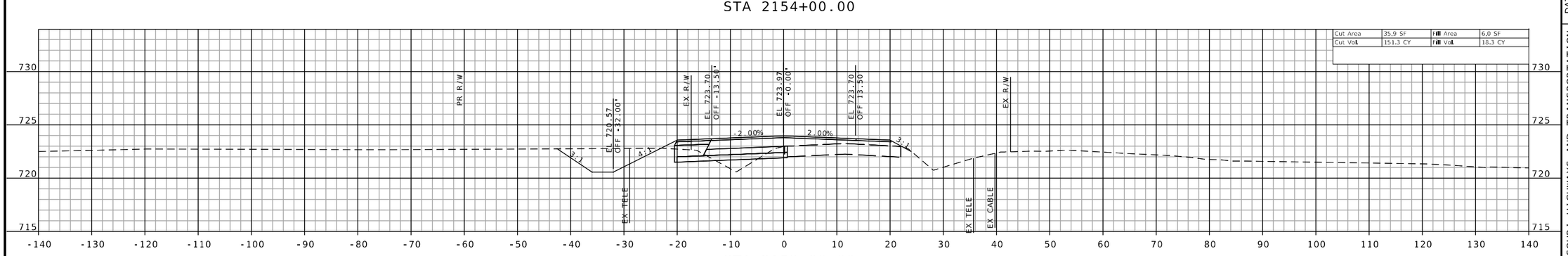
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MISSOURI DESIGN FIRM PE-001166

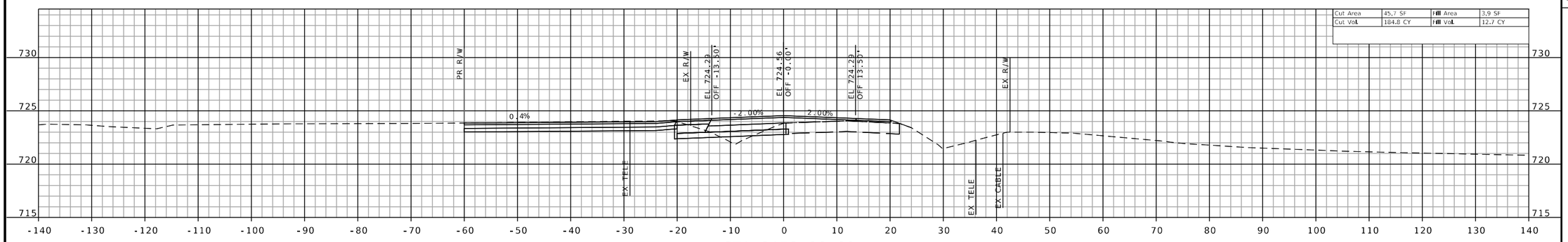
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STA 2154+00.00



STA 2153+00.00



STA 2152+00.00
PE LT

CROSS SECTIONS SHEETS
SHEET 68 OF 160

STATE OF MISSOURI
JEFFREY R. RENSING
NUMBER PE-2006012376
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
8/26/2025

ROUTE	STATE
47	MO
DISTRICT	SHEET NO.
NE	68

COUNTY
LINCOLN

JOB NO.
JNE0003

CONTRACT ID.
.

PROJECT NO.
.

BRIDGE NO.
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DATE	DESCRIPTION
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IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

OATES ASSOCIATES

Collinsville
100 Lanter Court, Suite 1
Collinsville, IL 62234
618.345.2200

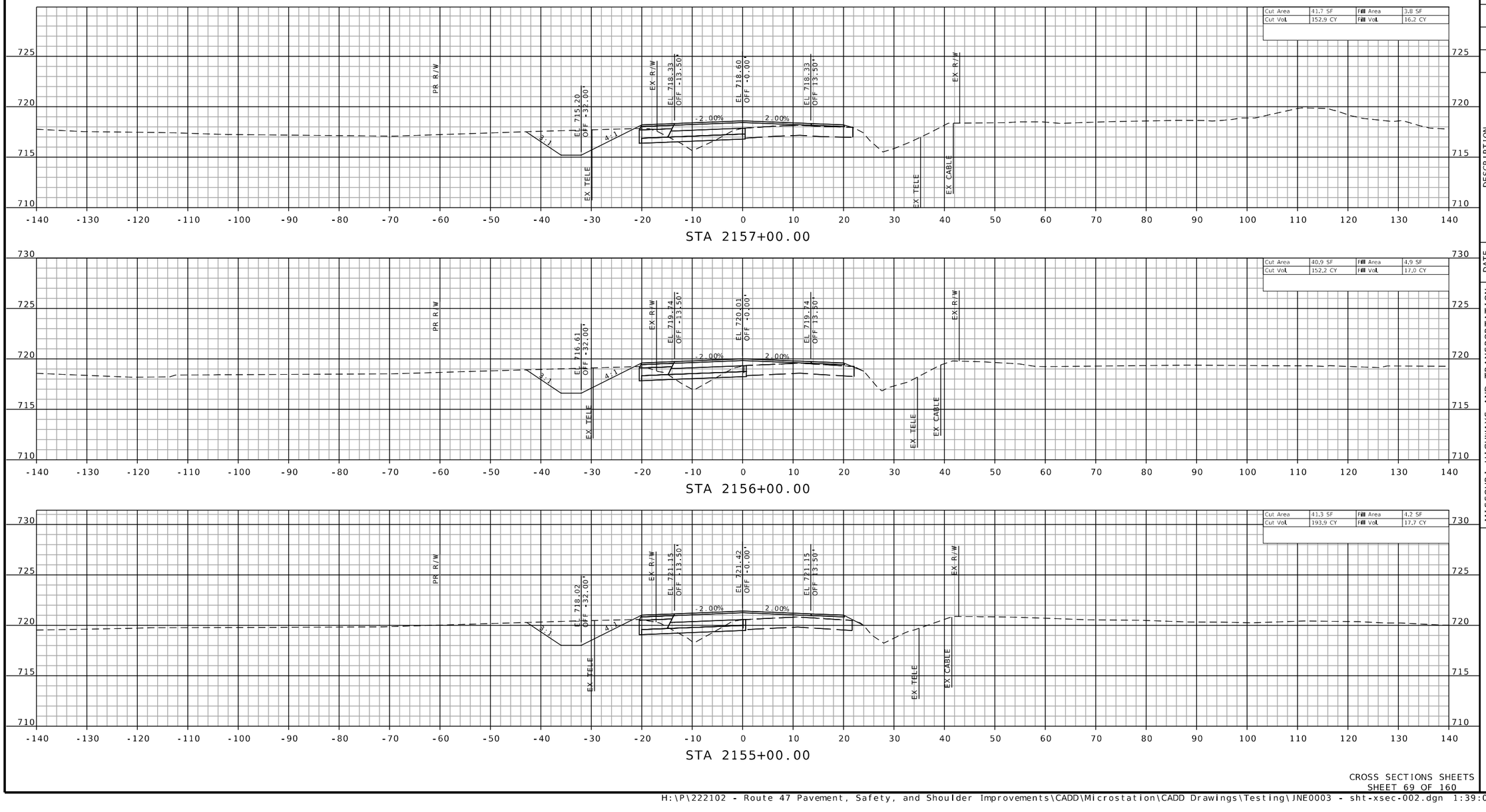
Belleville
1 South Church, Suite 200
Belleville, IL 62220
618.416.4888

St. Louis
720 Olive, Suite 700
St. Louis, MO 63101
314.588.8881

St. Charles
820 South Main, Suite 309
St. Charles, MO 63301
636.493.6277

www.oatesassociates.com

MISSOURI DESIGN FIRM PE-001166



CROSS SECTIONS SHEETS
SHEET 69 OF 160

STATE OF MISSOURI
JEFFREY R. RENSING
NUMBER PE-2006012376
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
8/26/2025

ROUTE	STATE
47	MO
DISTRICT	SHEET NO.
NE	69

COUNTY
LINCOLN

JOB NO.
JNE0003

CONTRACT ID.
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PROJECT NO.
.

BRIDGE NO.
.

DESCRIPTION	DATE
.	.

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

OATES ASSOCIATES

Collinsville
100 Lamper Court, Suite 1
Collinsville, IL 62234
618-343-2200

Belleville
1 South Church, Suite 200
Belleville, IL 62220
618-416-4488

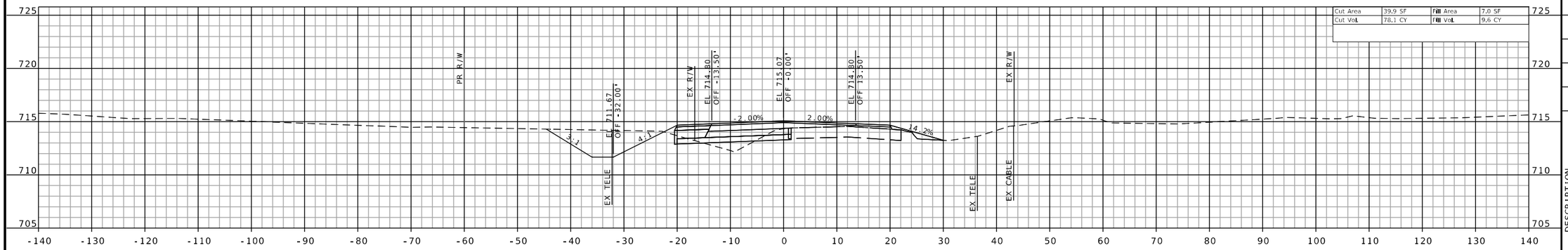
St. Louis
720 Olive, Suite 700
St. Louis, MO 63101
314-588-8381

St. Charles
820 South Main, Suite 309
St. Charles, MO 63301
636-493-5277

www.oatesassociates.com

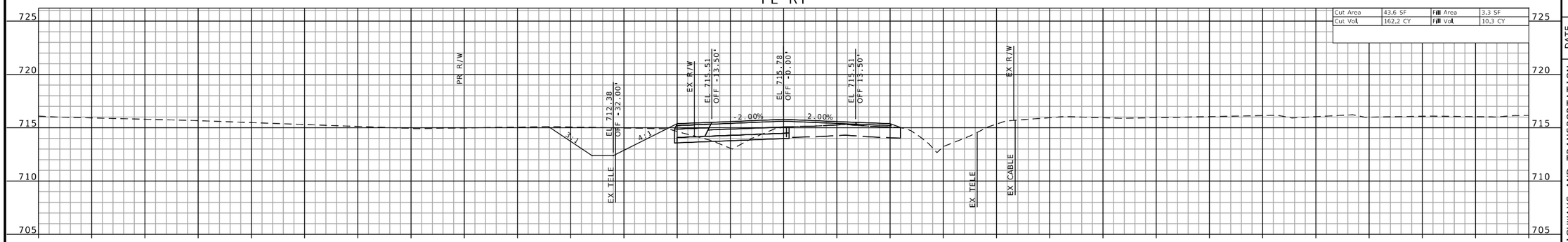
MISSOURI DESIGN FIRM PE-001166

H:\P\222102 - Route 47 Pavement, Safety, and Shoulder Improvements\CADD\Microstation\CADD Drawings\Testing\JNE0003 - sht-xsec-002.dgn 1:39:07 PM 8/26/2025



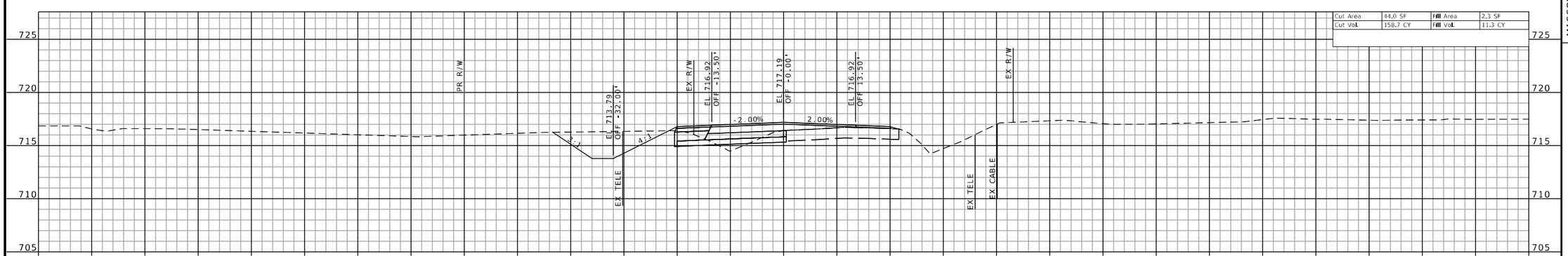
Cut Area	39,9 SF	Fill Area	7,0 SF
Cut Vol.	78,1 CY	Fill Vol.	9,6 CY

STA 2159+50.47
FE RT



Cut Area	43,6 SF	Fill Area	3,3 SF
Cut Vol.	162,2 CY	Fill Vol.	10,3 CY

STA 2159+00.00



Cut Area	44,0 SF	Fill Area	2,3 SF
Cut Vol.	158,7 CY	Fill Vol.	11,3 CY

STA 2158+00.00

CROSS SECTIONS SHEETS
SHEET 70 OF 160

H:\P\222102 - Route 47 Pavement, Safety, and Shoulder Improvements\CADD\Microstation\CADD Drawings\Testing\JNE0003 - sht-xsec-002.dgn 1:39:48 PM 8/26/2025

STATE OF MISSOURI
JEFFREY R. RENSING
NUMBER PE-2006012376
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
8/26/2025

ROUTE	STATE
47	MO
DISTRICT	SHEET NO.
NE	70

COUNTY
LINCOLN

JOB NO.
JNE0003

CONTRACT ID.
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PROJECT NO.
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BRIDGE NO.
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DESCRIPTION	DATE
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IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

OATES ASSOCIATES

Collinsville
100 Lanter Court, Suite 1
Collinsville, IL 62234
618.345.2200

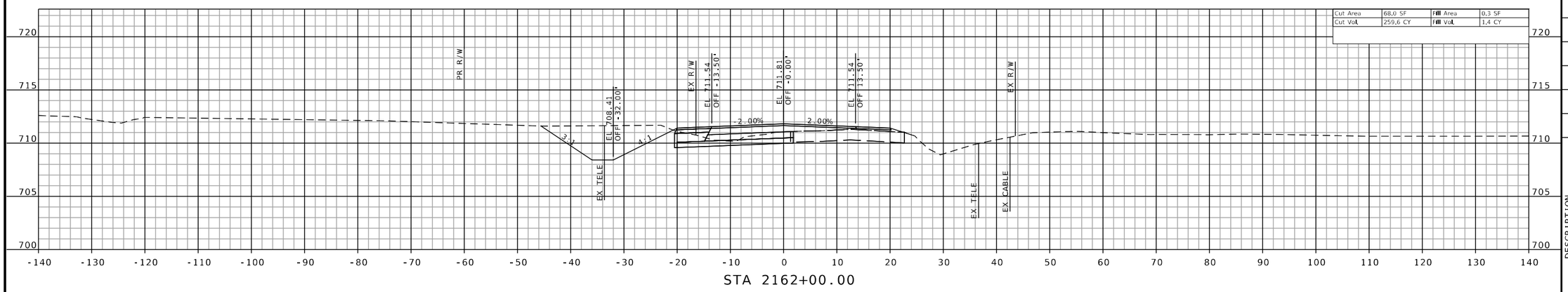
Belleville
1 South Church, Suite 200
Belleville, IL 62220
618.416.4888

St. Louis
720 Olive, Suite 700
St. Louis, MO 63101
314.588.8381

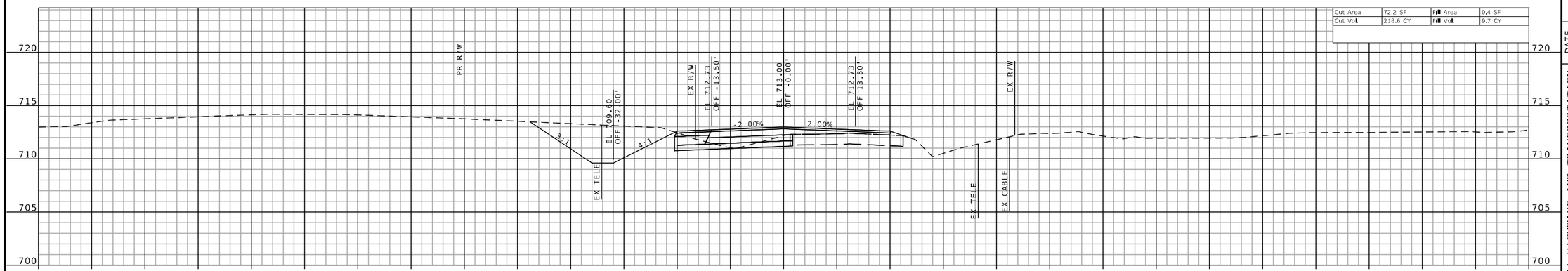
St. Charles
820 South Main, Suite 309
St. Charles, MO 63301
636.493.6277

www.oatesassociates.com

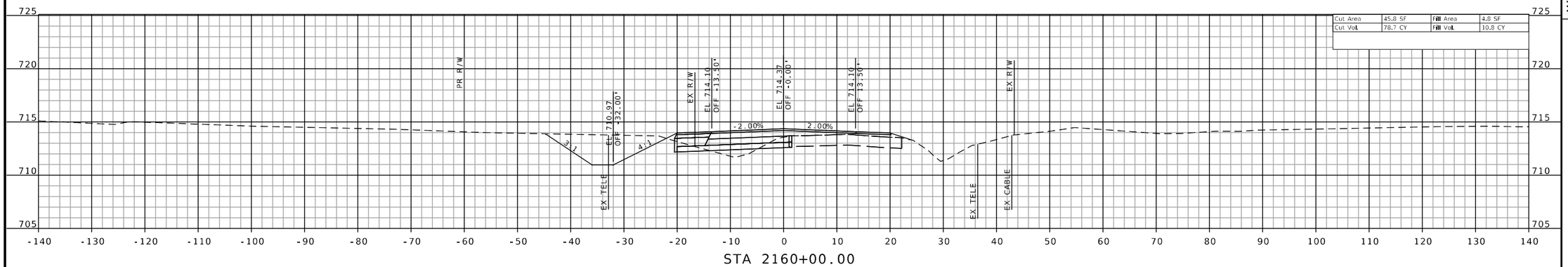
MISSOURI DESIGN FIRM PE-001166



STA 2162+00.00



STA 2161+00.00



STA 2160+00.00

CROSS SECTIONS SHEETS
SHEET 71 OF 160

STATE OF MISSOURI
JEFFREY R. RENSING
NUMBER PE-2006012376
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
8/26/2025

ROUTE	STATE
47	MO
DISTRICT	SHEET NO.
NE	71

COUNTY
LINCOLN

JOB NO.
JNE0003

CONTRACT ID.
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PROJECT NO.
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BRIDGE NO.
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DESCRIPTION	.	.	.	.	.	.	.	.
DATE	.	.	.	.	.	.	.	.

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

OATES ASSOCIATES
MISSOURI DESIGN FIRM PE-001166

Collinsville
100 Lamper Court, Suite 1
Collinsville, IL 62234
618.345.2200

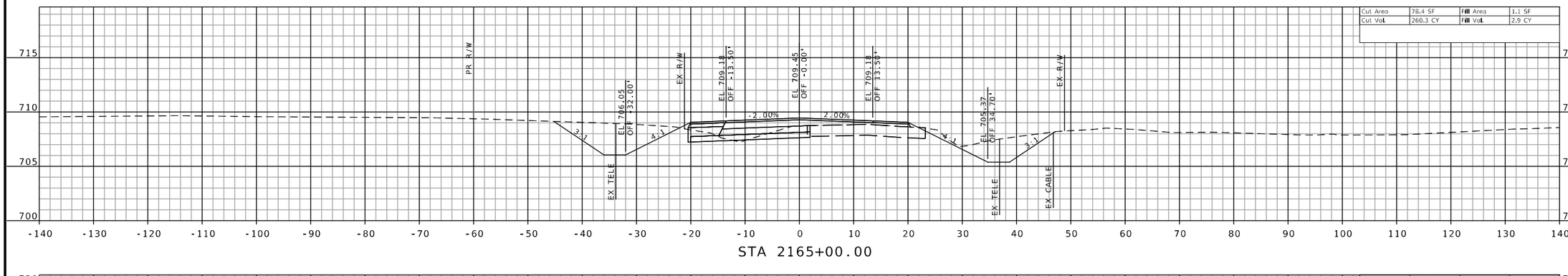
Belleville
1 South Church, Suite 200
Belleville, IL 62220
618.416.6688

St. Louis
720 Olive, Suite 700
St. Louis, MO 63101
314.588.8881

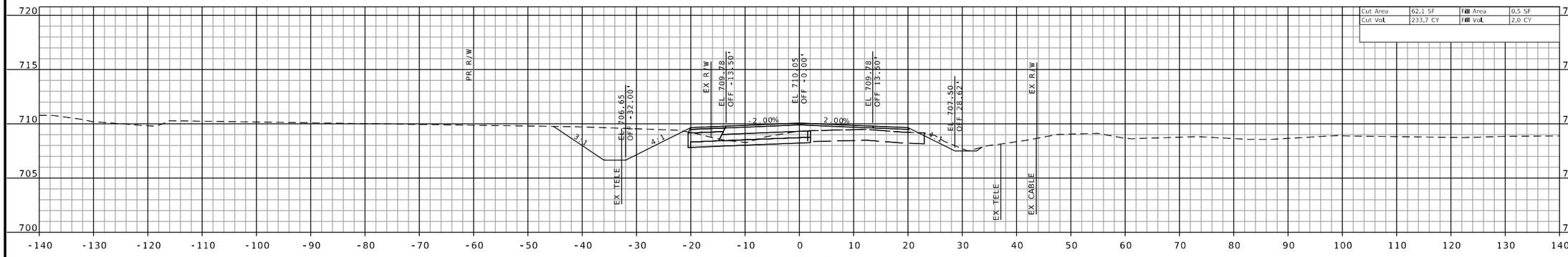
St. Charles
820 South Main, Suite 309
St. Charles, MO 63301
636.493.6277

www.oatesassociates.com

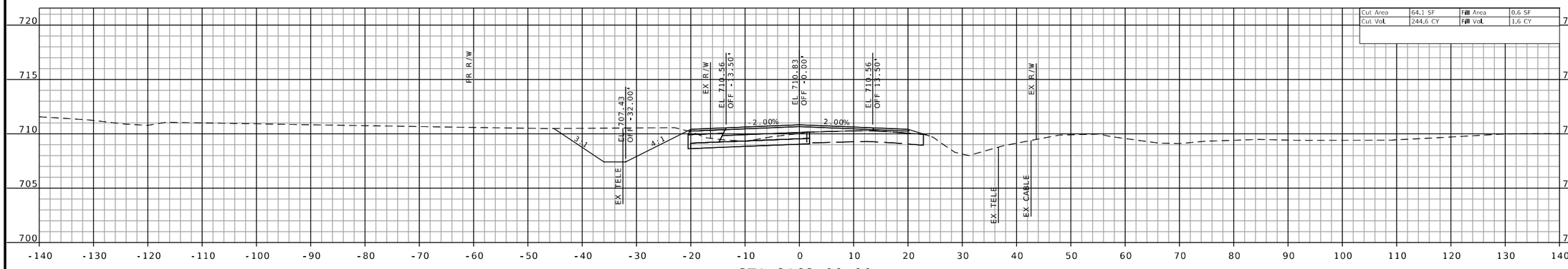
PHASE 1-3 EARTHWORK - STATION 2098+00 TO 2165+00
CUT VOLUME 19,519 CY
FILL VOLUME 2,230 CY



STA 2165+00.00



STA 2164+00.00



STA 2163+00.00

CROSS SECTIONS SHEETS
SHEET 72 OF 160

STATE OF MISSOURI
JEFFREY R. RENSING
NUMBER PE-2006012376
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
8/26/2025

ROUTE	STATE
47	MO
DISTRICT	SHEET NO.
NE	72

COUNTY
LINCOLN

JOB NO.
JNE0003

CONTRACT ID.
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PROJECT NO.
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BRIDGE NO.
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DESCRIPTION	DATE
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IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

OATES ASSOCIATES

St. Louis
720 Olive, Suite 700
St. Louis, MO 63101
314.588.3881

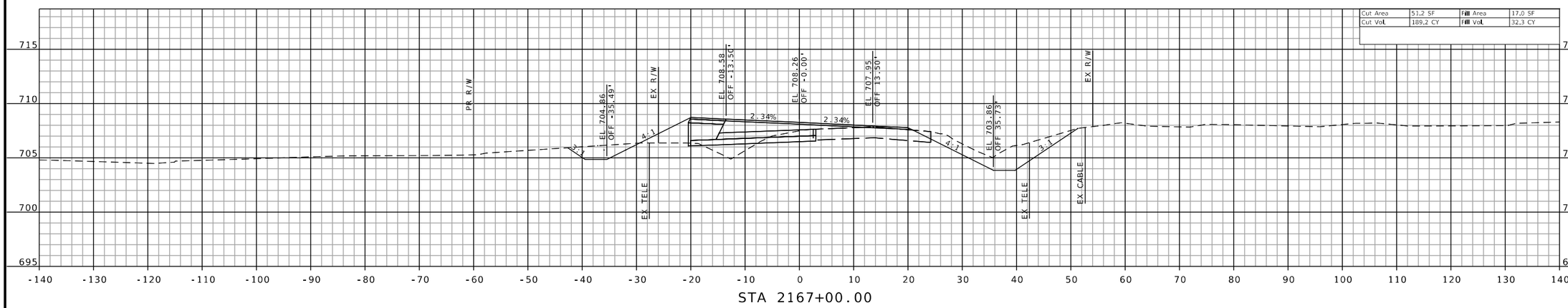
St. Charles
820 South Main, Suite 309
St. Charles, MO 63301
636.493.6277

Collinsville
100 Lamer Court, Suite 1
Collinsville, IL 62234
618.345.2200

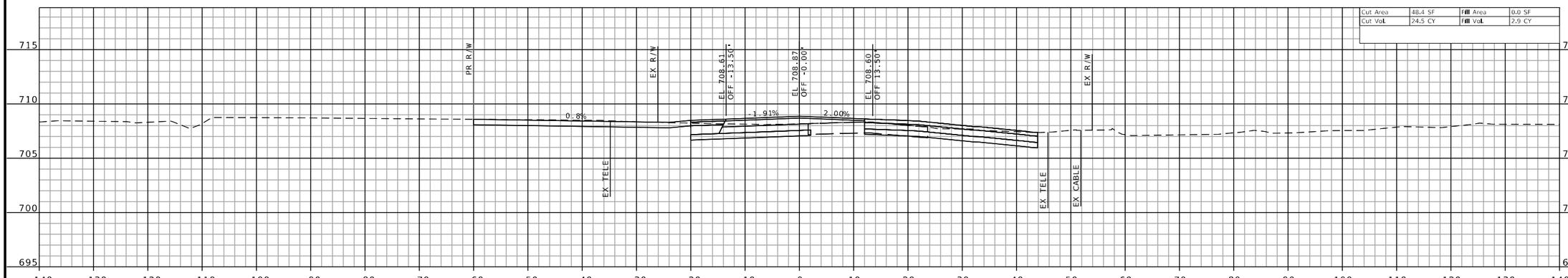
Belleville
1 South Church, Suite 200
Belleville, IL 62220
618.416.4488

www.oatesassociates.com

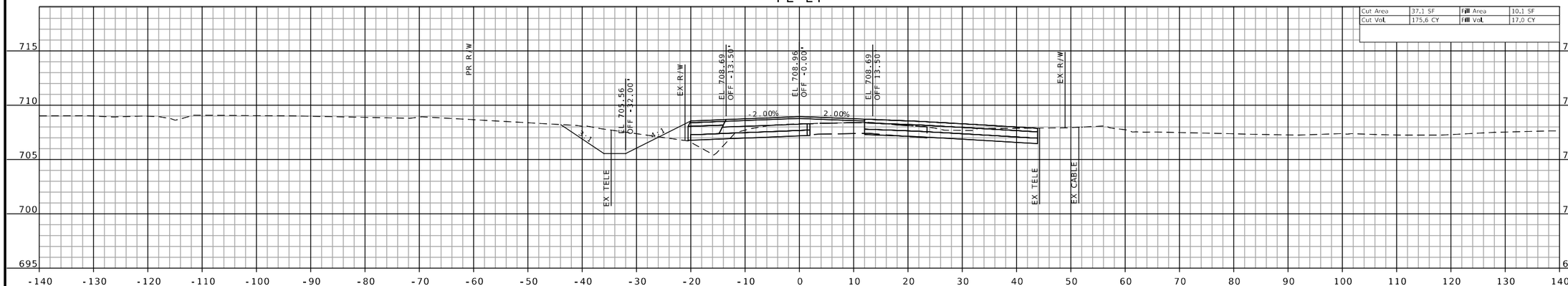
MISSOURI DESIGN FIRM PE-001166



STA 2167+00.00



STA 2165+97.49
PE LT



STA 2165+82.05
GILES ROAD

CROSS SECTIONS SHEETS
SHEET 73 OF 160

STATE OF MISSOURI
JEFFREY R. RENSING
NUMBER PE-2006012376
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
8/26/2025

ROUTE	STATE
47	MO
DISTRICT	SHEET NO.
NE	73

COUNTY
LINCOLN

JOB NO.
JNE0003

CONTRACT ID.
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PROJECT NO.
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BRIDGE NO.
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DESCRIPTION	DATE
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IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

MoDOT

OATES ASSOCIATES

St. Louis
720 Olive, Suite 700
St. Louis, MO 63101
314.588.8181

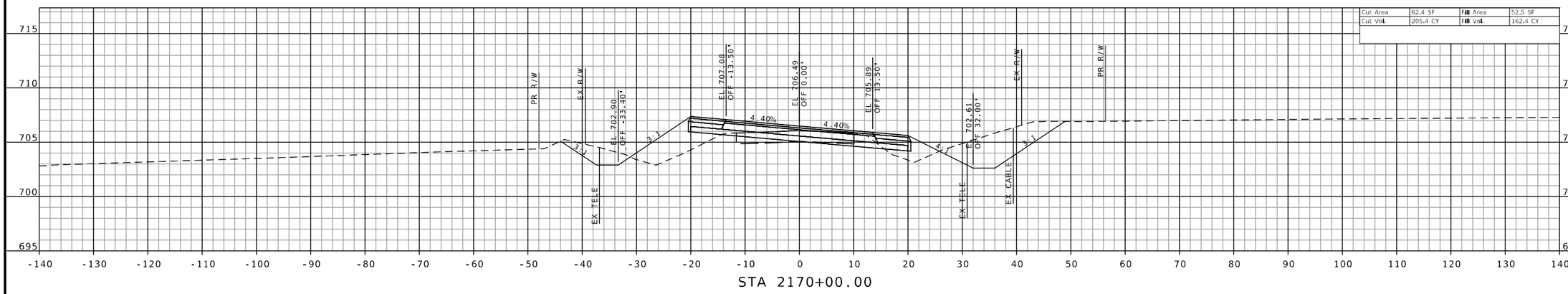
St. Charles
820 South Main, Suite 309
St. Charles, MO 63301
636.493.6277

Collinsville
100 Lamper Court, Suite 1
Collinsville, IL 62234
618.343.2200

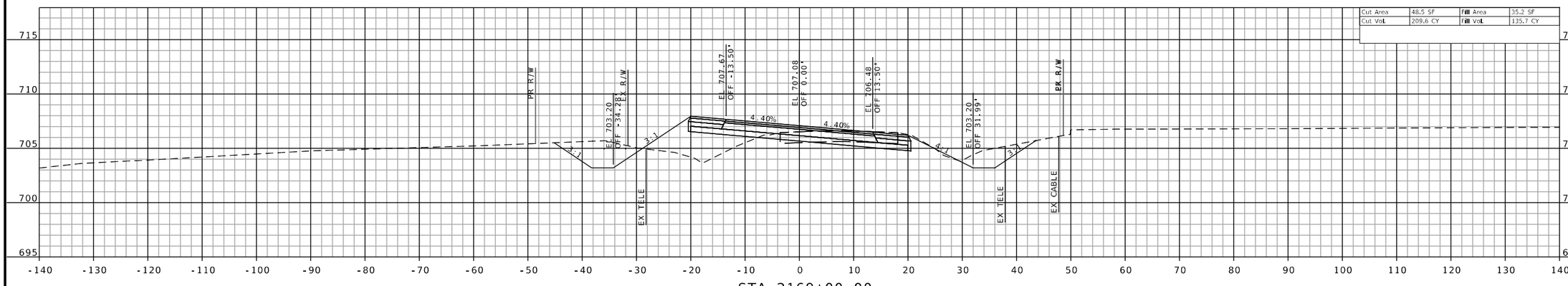
Belleville
1 South Church, Suite 200
Belleville, IL 62220
618.416.4688

www.oatesassociates.com

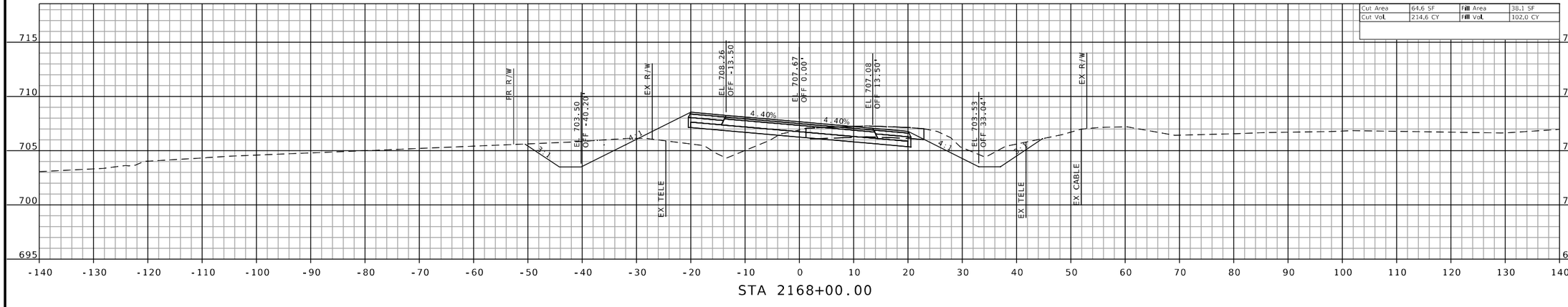
MISSOURI DESIGN FIRM PE-001166



STA 2170+00.00



STA 2169+00.00



STA 2168+00.00

CROSS SECTIONS SHEETS
SHEET 74 OF 160

STATE OF MISSOURI
JEFFREY R. RENSING
NUMBER PE-2006012376
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
8/26/2025

ROUTE	STATE
47	MO
DISTRICT	SHEET NO.
NE	74

COUNTY
LINCOLN

JOB NO.
JNE0003

CONTRACT ID.
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PROJECT NO.
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BRIDGE NO.
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DESCRIPTION	DATE
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IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

MoDOT

OATES ASSOCIATES

Collinsville
100 Lamer Court, Suite 1
Collinsville, IL 62234
618.345.2200

Belleville
1 South Church, Suite 200
Belleville, IL 62220
618.416.4588

St. Louis
720 Olive, Suite 700
St. Louis, MO 63101
314.588.8881

St. Charles
820 South Main, Suite 3B9
St. Charles, MO 63301
636.493.6277

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MISSOURI DESIGN FIRM PE-001166

CROSS SECTIONS SHEETS
SHEET 75 OF 160

STATE OF MISSOURI
JEFFREY R. RENSING
NUMBER PE-2006012376
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
8/26/2025

ROUTE	STATE
47	MO
DISTRICT	SHEET NO.
NE	75

COUNTY
LINCOLN

JOB NO.
JNE0003

CONTRACT ID.
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PROJECT NO.
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BRIDGE NO.
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DESCRIPTION	DATE
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IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

OATES ASSOCIATES

Collinsville
100 Lanter Court, Suite 1
Collinsville, IL 62234
618.343.2200

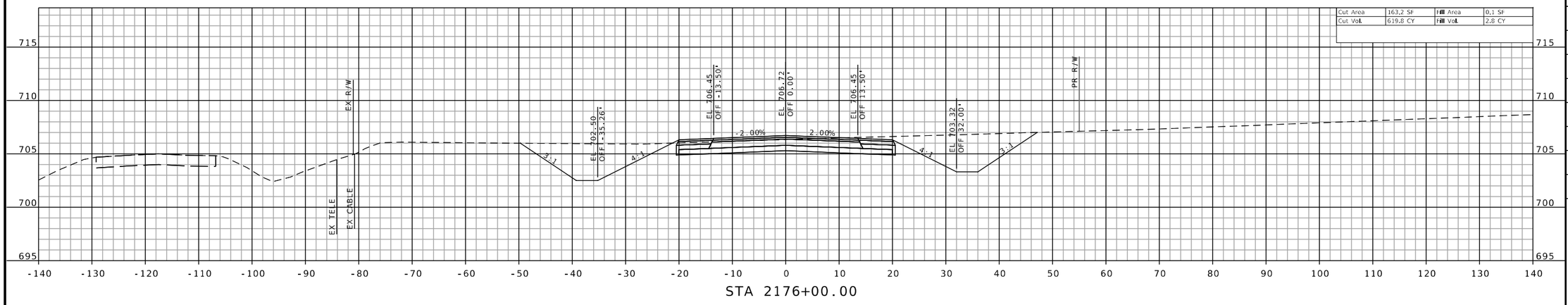
Belleville
1 South Church, Suite 200
Belleville, IL 62220
618.416.4688

St. Louis
720 Olive, Suite 700
St. Louis, MO 63101
314.588.8881

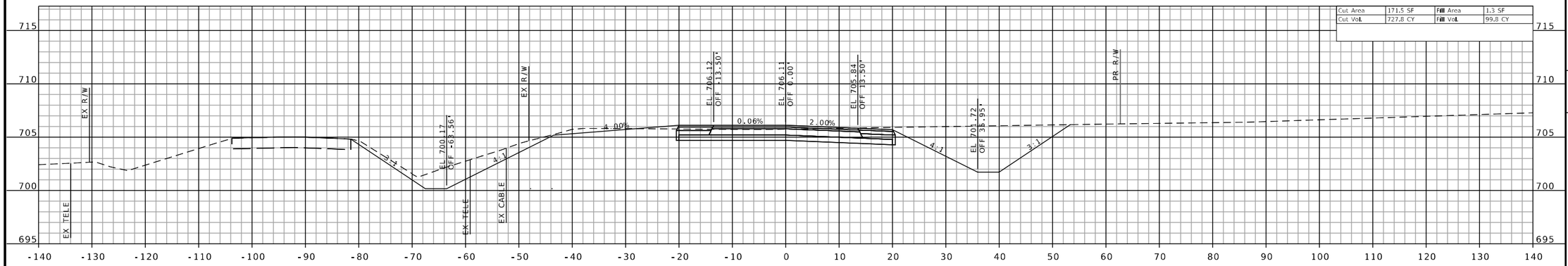
St. Charles
820 South Main, Suite 309
St. Charles, MO 63301
636.493.6277

www.oatesassociates.com

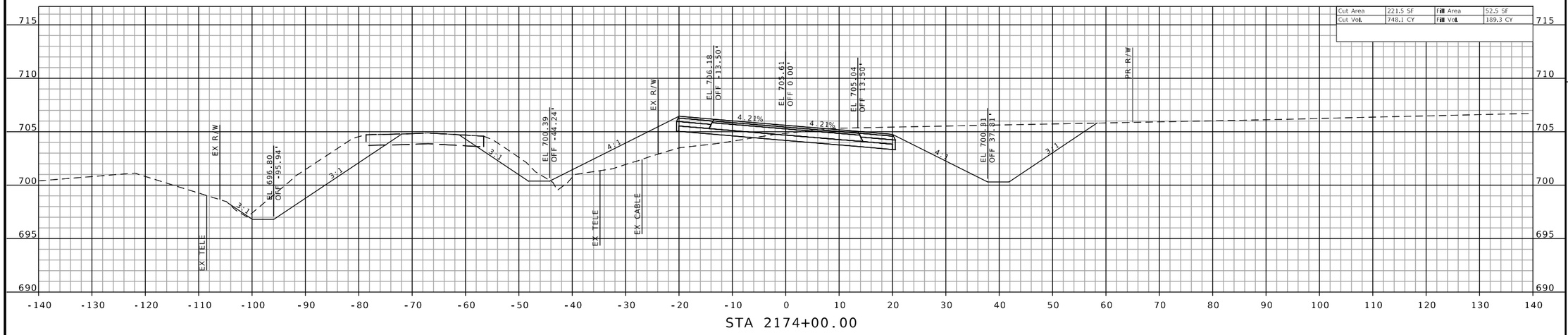
MISSOURI DESIGN FIRM PE-001166



STA 2176+00.00



STA 2175+00.00



STA 2174+00.00

CROSS SECTIONS SHEETS
SHEET 76 OF 160

STATE OF MISSOURI
JEFFREY R. RENSING
NUMBER PE-2006012376
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED 8/26/2025

ROUTE	STATE
47	MO
DISTRICT	SHEET NO.
NE	76

COUNTY: LINCOLN
JOB NO.: JNE0003
CONTRACT ID.: .
PROJECT NO.: .
BRIDGE NO.: .

DESCRIPTION	DATE
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IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

MoDOT

OATES ASSOCIATES

Collinsville
101 Lanter Court, Suite 1
Collinsville, IL 62234
618.345.2200

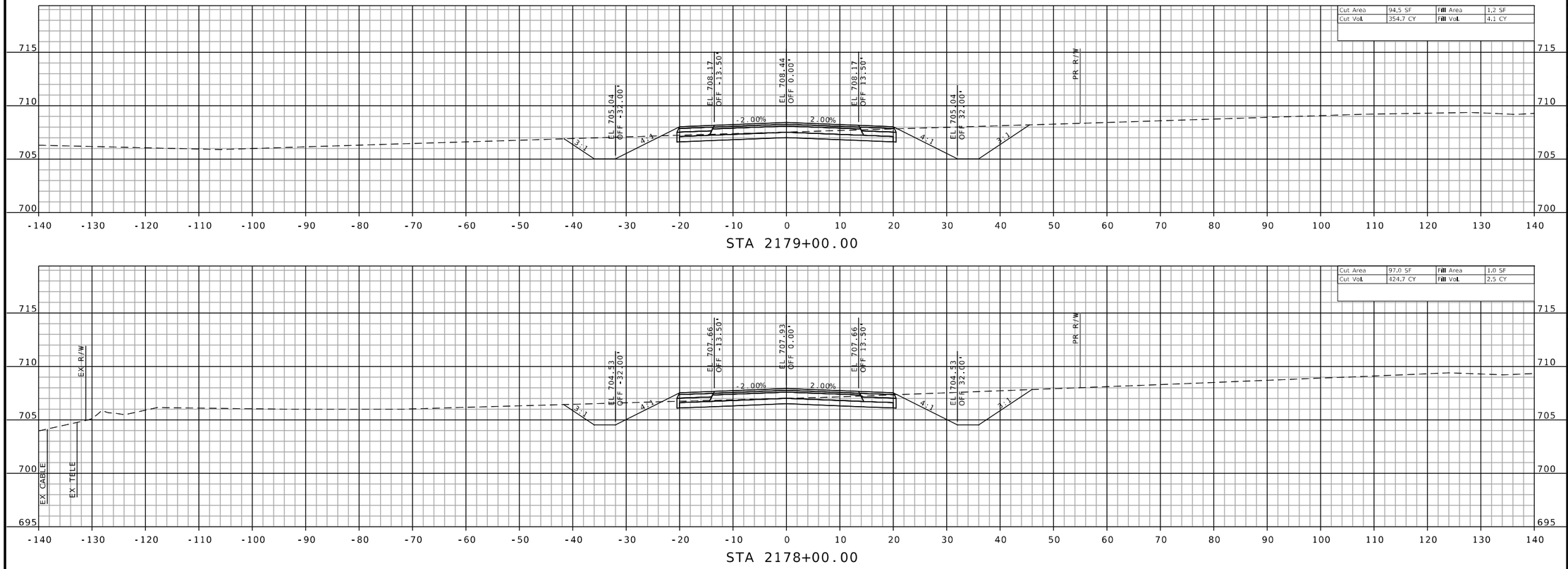
Belleville
1 South Church, Suite 200
Belleville, IL 62220
618.416.6688

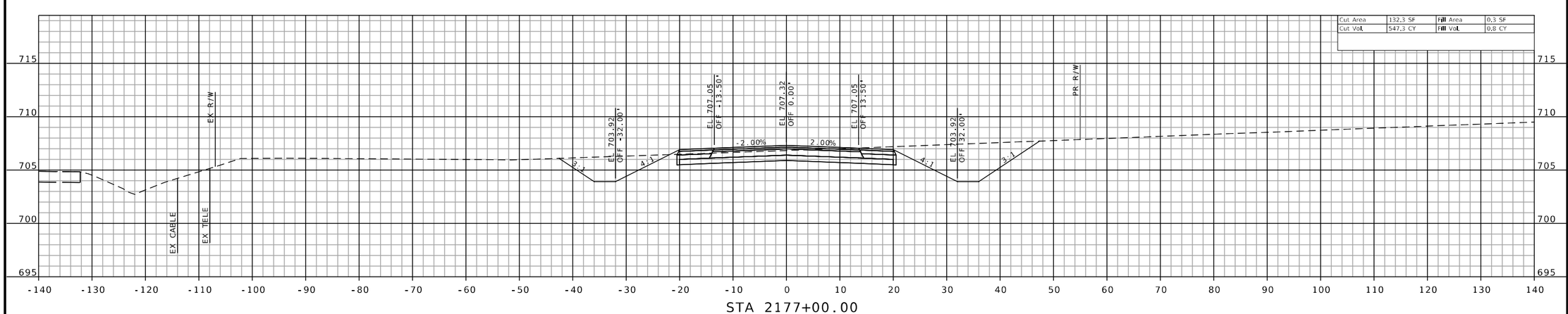
St. Louis
720 Olive, Suite 700
St. Louis, MO 63101
314.588.8381

St. Charles
820 South Main, Suite 309
St. Charles, MO 63301
636.493.6277

www.oatesassociates.com

MISSOURI DESIGN FIRM PE-001166





CROSS SECTIONS SHEETS
SHEET 77 OF 160

STATE OF MISSOURI
JEFFREY R. RENSING
NUMBER PE-2006012376
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
8/26/2025

ROUTE	STATE
47	MO
DISTRICT	SHEET NO.
NE	77

COUNTY
LINCOLN

JOB NO.
JNE0003

CONTRACT ID.
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PROJECT NO.
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BRIDGE NO.
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DESCRIPTION	DATE
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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

OATES ASSOCIATES

Collinsville
100 Lanter Court, Suite 1
Collinsville, IL 62234
618.345.2200

Belleville
1 South Church, Suite 200
Belleville, IL 62220
618.416.4888

St. Louis
720 Olive, Suite 700
St. Louis, MO 63101
314.588.8381

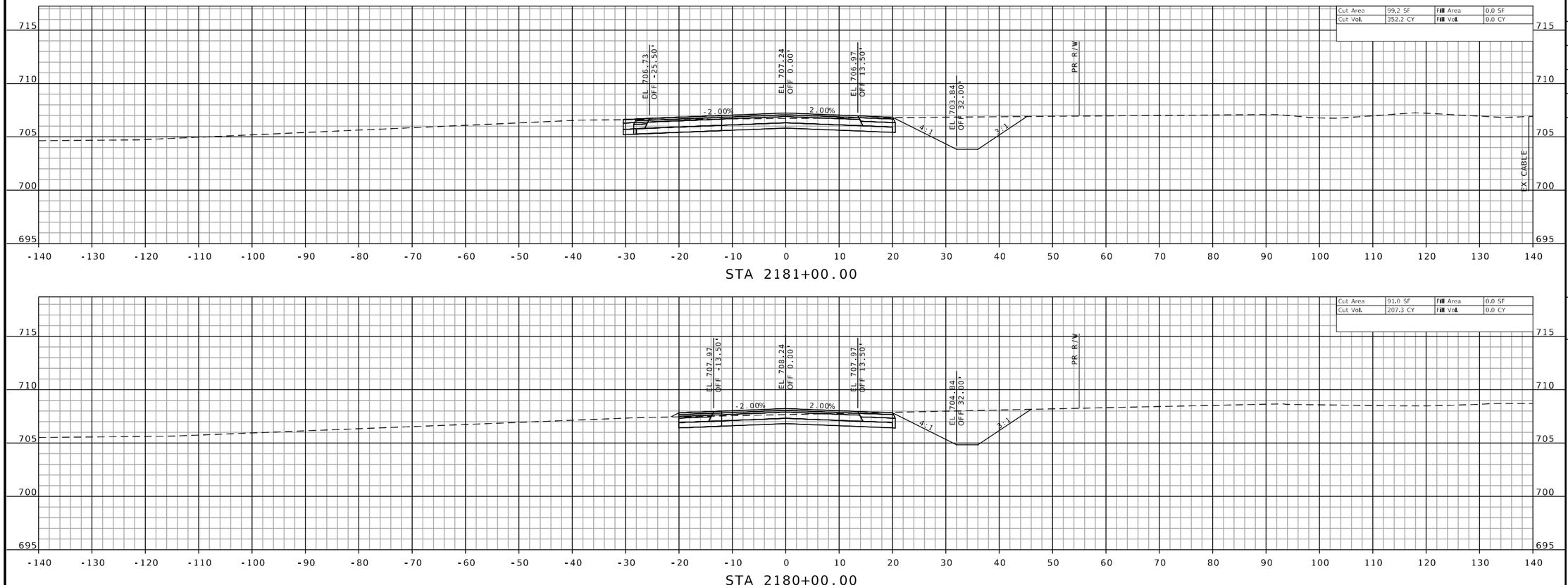
St. Charles
820 South Main, Suite 309
St. Charles, MO 63301
636.493.6277

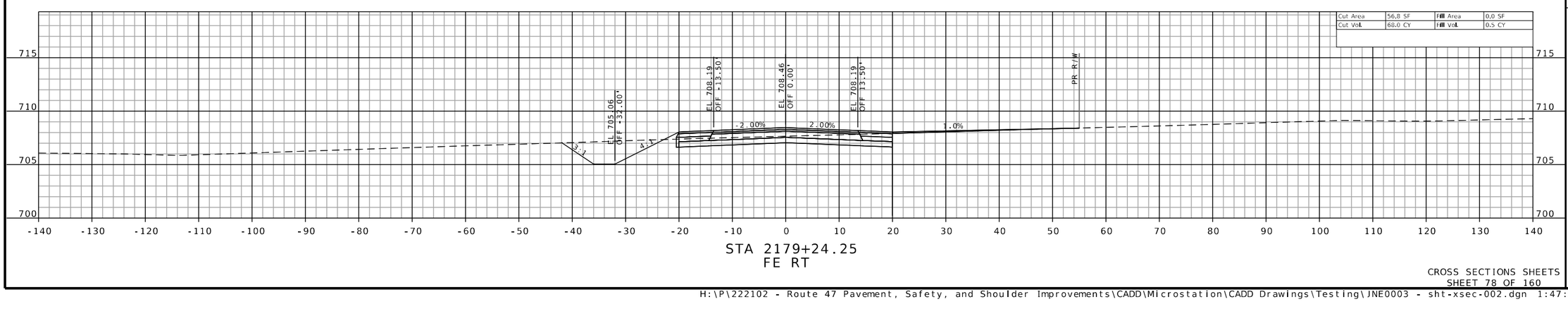
www.oatesassociates.com

MISSOURI DESIGN FIRM PE-001166

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

H:\P\222102 - Route 47 Pavement, Safety, and Shoulder Improvements\CADD\Microstation\CADD Drawings\Testing\JNE0003 - sht-xsec-002.dgn 1:46:48 PM 8/26/2025





CROSS SECTIONS SHEETS
SHEET 78 OF 160

STATE OF MISSOURI
JEFFREY R. RENSING
NUMBER PE-2006012376
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
8/26/2025

ROUTE	STATE
47	MO

DISTRICT	SHEET NO.
NE	78

COUNTY
LINCOLN

JOB NO.
JNE0003

CONTRACT ID.
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PROJECT NO.
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BRIDGE NO.
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DATE	DESCRIPTION
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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

OATES ASSOCIATES

Collinsville
100 Lamper Court, Suite 1
Collinsville, IL 62234
618.345.2200

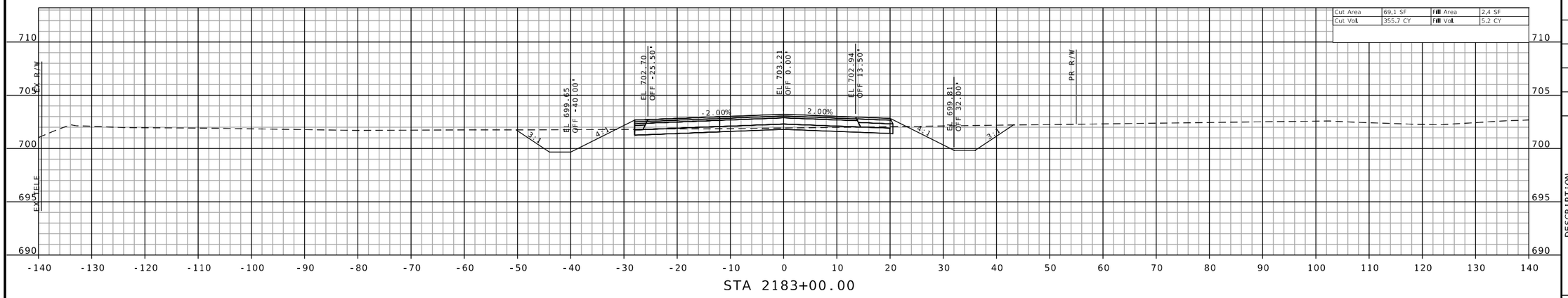
Belleville
1 South Church, Suite 200
Belleville, IL 62220
618.416.6688

St. Louis
720 Olive, Suite 700
St. Louis, MO 63101
314.588.8881

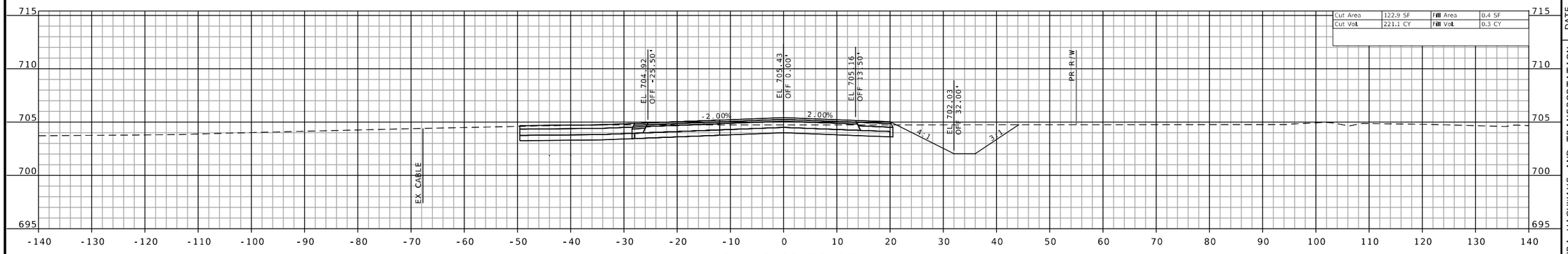
St. Charles
820 South Main, Suite 309
St. Charles, MO 63301
636.493.6277

www.oatesassociates.com

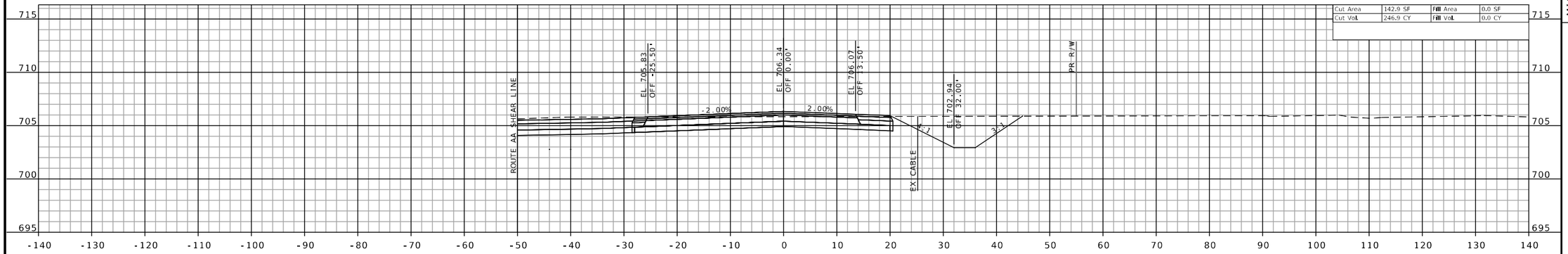
MISSOURI DESIGN FIRM PE-001166



STA 2183+00.00



STA 2182+00.00



STA 2181+55.08
ROUTE AA

CROSS SECTIONS SHEETS
SHEET 79 OF 160

STATE OF MISSOURI
JEFFREY R. RENSING
NUMBER PE-2006012376
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
8/26/2025

ROUTE	STATE
47	MO
DISTRICT	SHEET NO.
NE	79

COUNTY
LINCOLN

JOB NO.
JNE0003

CONTRACT ID.
.

PROJECT NO.
.

BRIDGE NO.
.

DESCRIPTION	DATE
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IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

OATES ASSOCIATES

Collinsville
100 Lamper Court, Suite 1
Collinsville, IL 62234
618-343-2200

Belleville
1 South Church, Suite 200
Belleville, IL 62220
618-416-4488

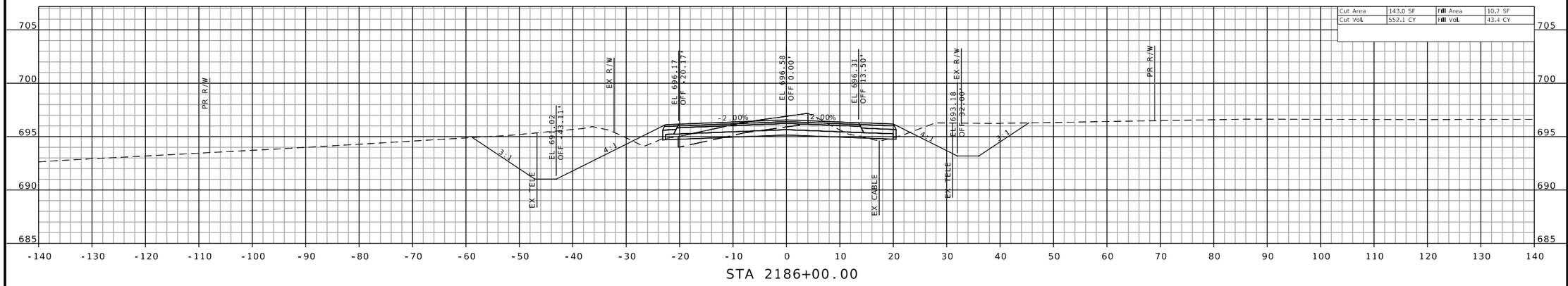
St. Louis
720 Olive, Suite 700
St. Louis, MO 63101
314-588-8181

St. Charles
820 South Main, Suite 309
St. Charles, MO 63301
636-493-5277

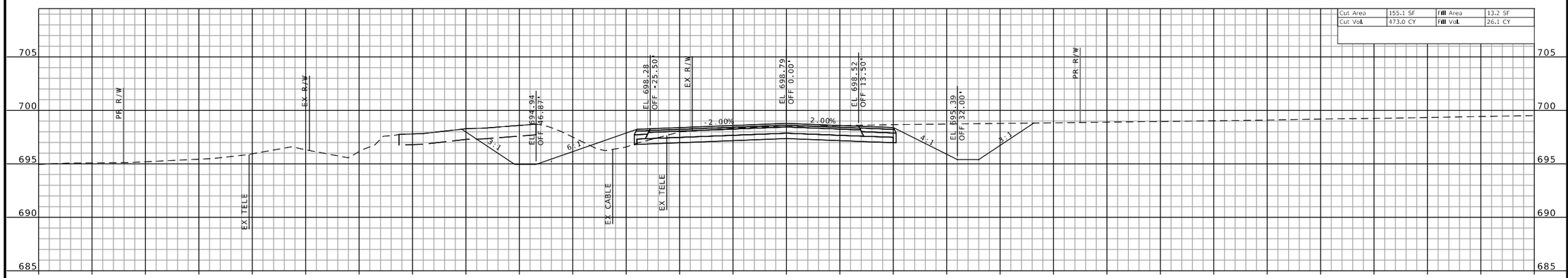
www.oatesassociates.com

MISSOURI DESIGN FIRM PE-001166

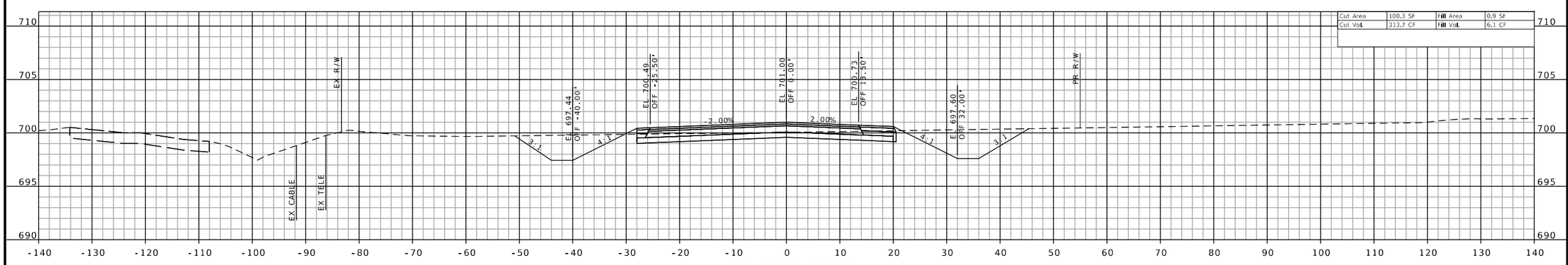
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STA 2186+00.00



STA 2185+00.00



STA 2184+00.00

CROSS SECTIONS SHEETS
SHEET 80 OF 160

STATE OF MISSOURI
JEFFREY R. RENSING
NUMBER PE-2006012376
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
8/26/2025

ROUTE	STATE
47	MO
DISTRICT	SHEET NO.
NE	80

COUNTY
LINCOLN

JOB NO.
JNE0003

CONTRACT ID.
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PROJECT NO.
.

BRIDGE NO.
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DESCRIPTION	DATE
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IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

MoDOT

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

OATES ASSOCIATES

Collinsville
100 Lamger Court, Suite 1
Collinsville, IL 62234
618.345.2200

Belleville
1 South Church, Suite 200
Belleville, IL 62220
618.416.4488

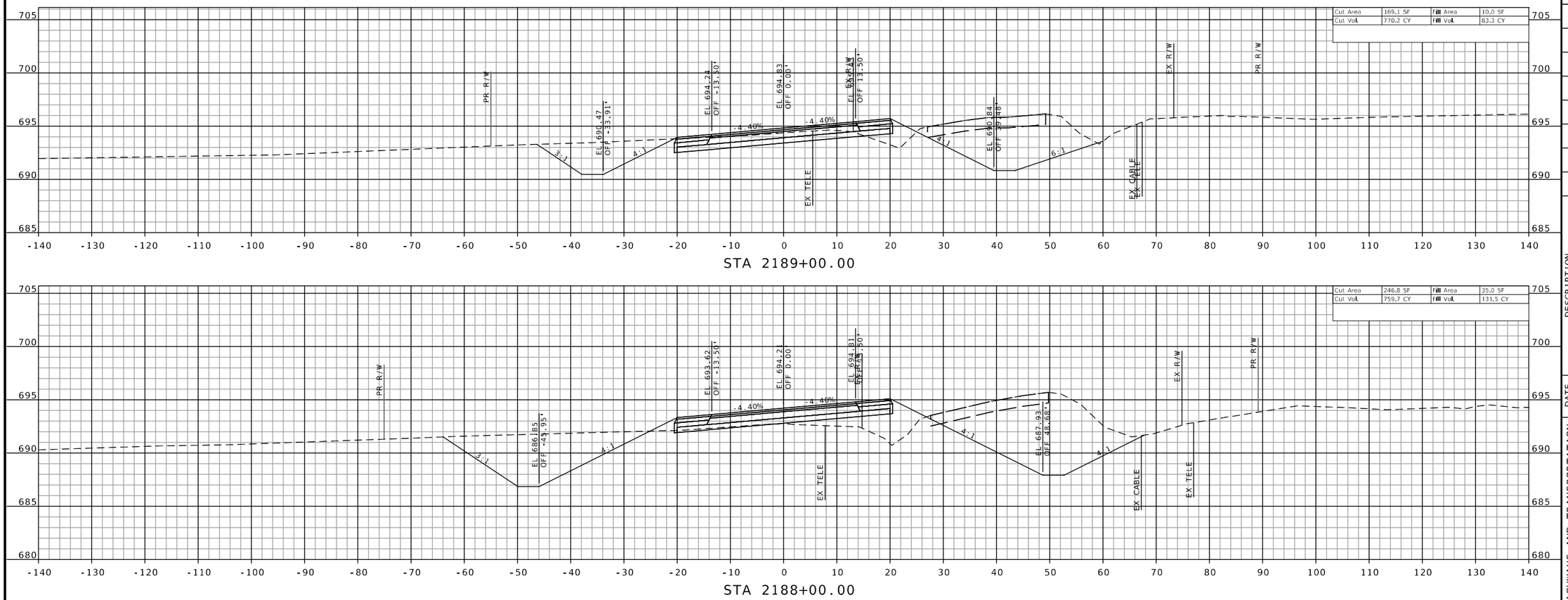
St. Louis
720 Olive, Suite 700
St. Louis, MO 63101
314.588.8881

St. Charles
820 South Main, Suite 309
St. Charles, MO 63301
636.493.6277

www.oatesassociates.com

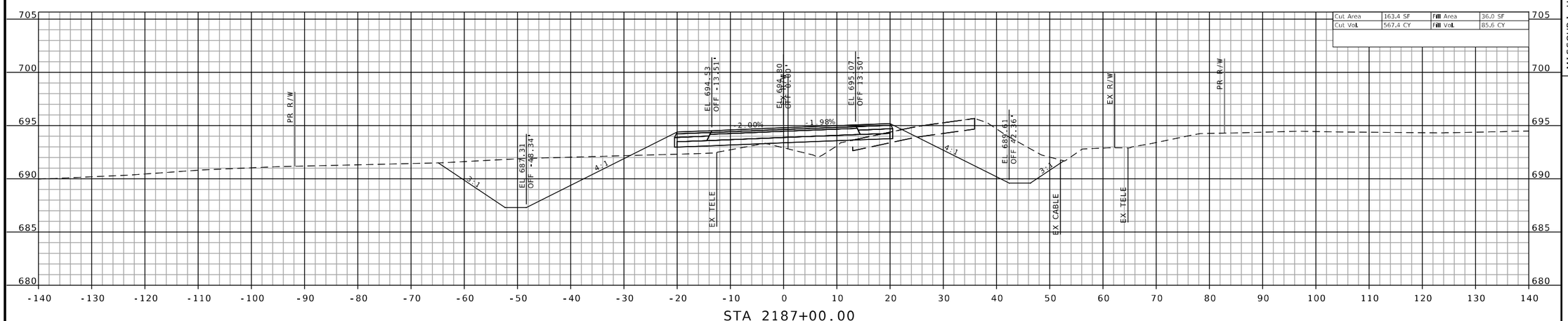
MISSOURI DESIGN FIRM PE-001166

H:\P\222102 - Route 47 Pavement, Safety, and Shoulder Improvements\CADD\Microstation\CADD Drawings\Testing\JNE0003 - sht-xsec-002.dgn 1:48:51 PM 8/26/2025



STA 2189+00.00

STA 2188+00.00



STA 2187+00.00

CROSS SECTIONS SHEETS
SHEET 81 OF 160

STATE OF MISSOURI
JEFFREY R. RENSING
NUMBER PE-2006012376
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

DATE PREPARED	8/26/2025
ROUTE	STATE
47	MO
DISTRICT	SHEET NO.
NE	81
COUNTY	LINCOLN
JOB NO.	JNE0003
CONTRACT ID.	.
PROJECT NO.	.
BRIDGE NO.	.

DESCRIPTION	DATE
.	.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

OATES ASSOCIATES

St. Louis
720 Olive, Suite 700
St. Louis, MO 63101
314.288.8881

St. Charles
820 South Main, Suite 309
St. Charles, MO 63301
636.493.6277

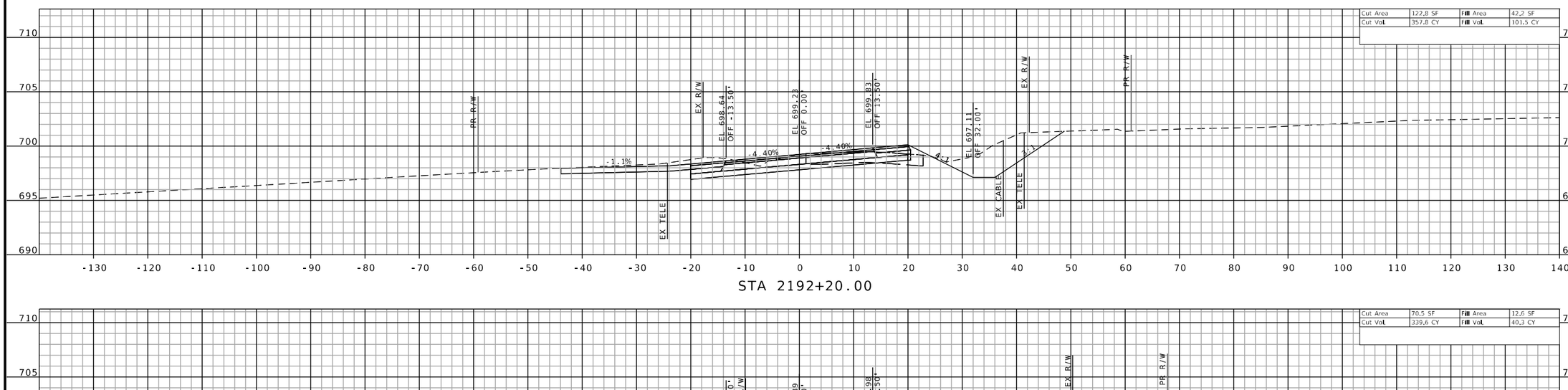
Collinsville
100 Lanter Court, Suite 1
Collinsville, IL 62234
618.345.2200

Belleville
1 South Church, Suite 200
Belleville, IL 62220
618.416.4688

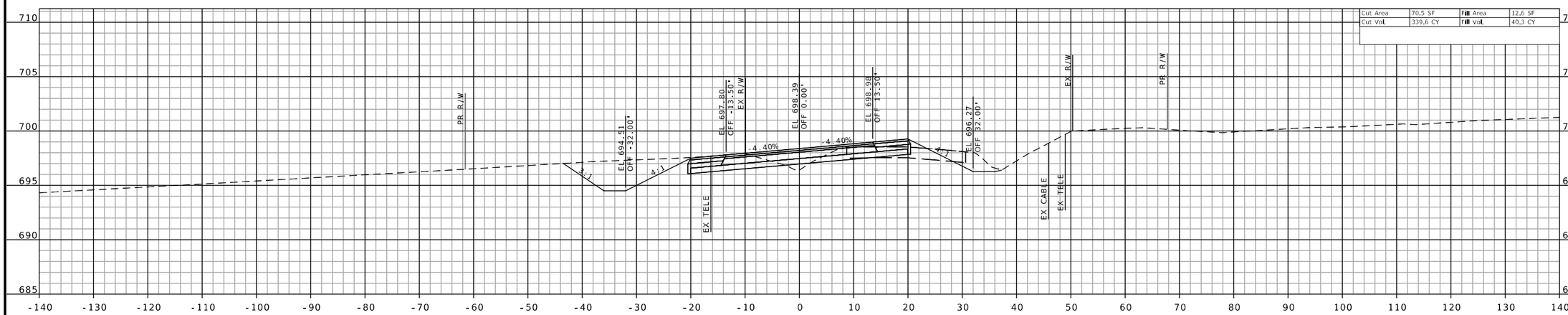
www.oatesassociates.com

MISSOURI DESIGN FIRM PE-001166

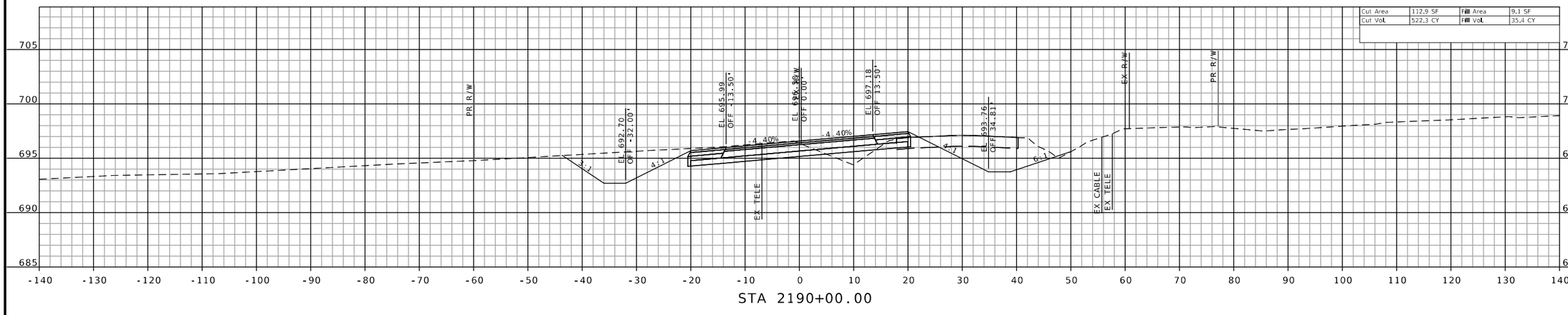
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STA 2192+20.00



STA 2191+00.00



STA 2190+00.00

CROSS SECTIONS SHEETS
SHEET 82 OF 160

H:\P\222102 - Route 47 Pavement, Safety, and Shoulder Improvements\CADD\Microstation\CADD Drawings\Testing\JNE0003 - sht-xsec-002.dgn 1:50:14 PM 8/26/2025

STATE OF MISSOURI
JEFFREY R. RENSING
NUMBER PE-2006012376
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

DATE PREPARED
8/26/2025

ROUTE	STATE
47	MO
DISTRICT	SHEET NO.
NE	82

COUNTY
LINCOLN

JOB NO.
JNE0003

CONTRACT ID.
.

PROJECT NO.
.

BRIDGE NO.
.

DATE	DESCRIPTION
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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

OATES ASSOCIATES

Collinsville
100 Lamper Court, Suite 1
Collinsville, IL 62234
618.343.2200

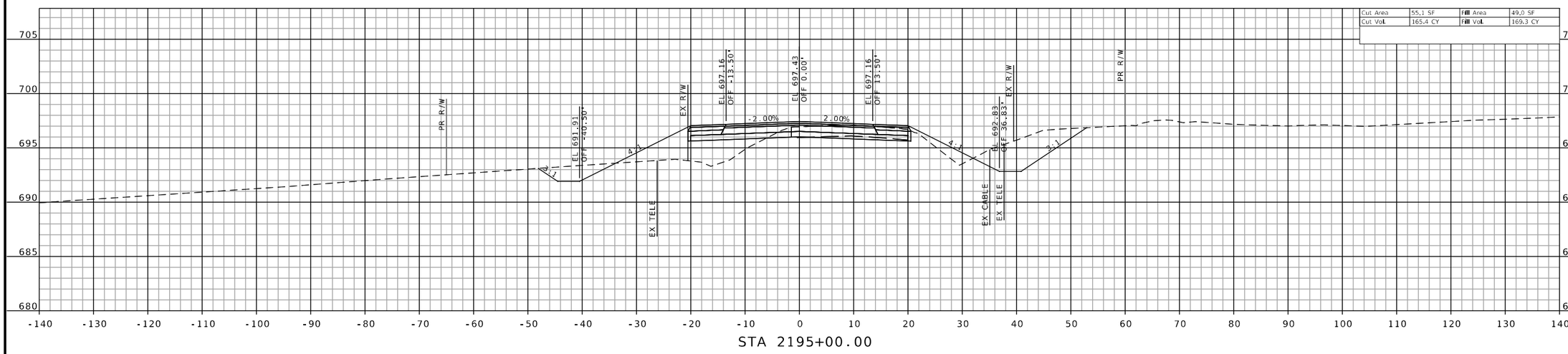
Belleville
1 South Church, Suite 200
Belleville, IL 62220
618.416.4488

St. Louis
720 Olive, Suite 700
St. Louis, MO 63101
314.588.8381

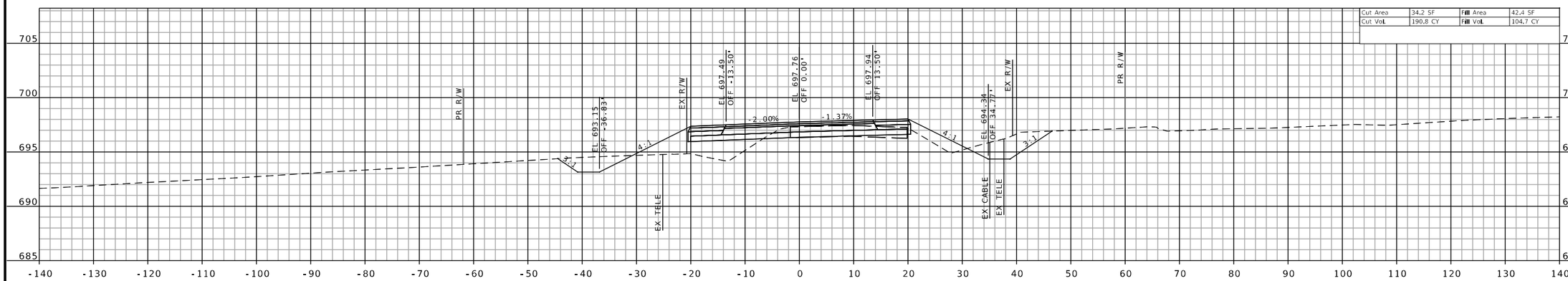
St. Charles
820 South Main, Suite 309
St. Charles, MO 63301
636.493.6277

www.oatesassociates.com

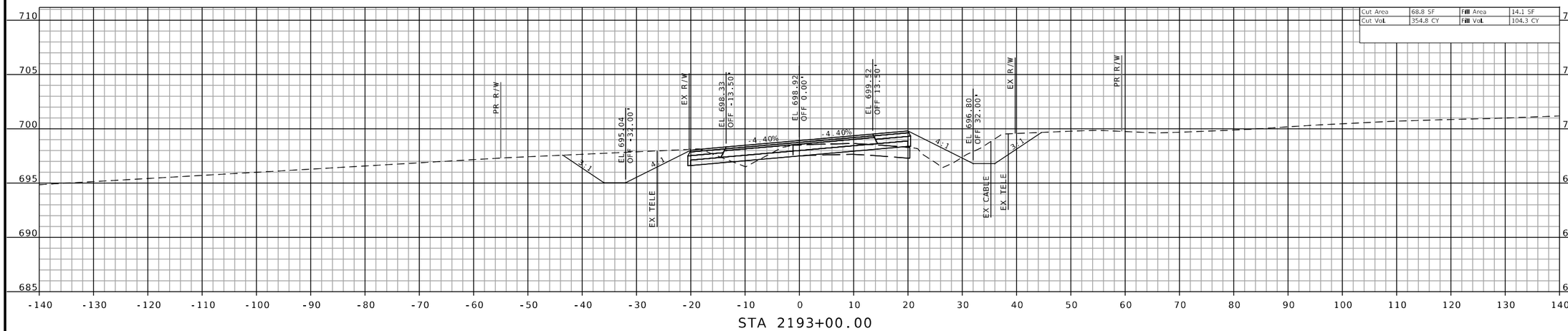
MISSOURI DESIGN FIRM PE-001166



STA 2195+00.00



STA 2194+00.00



STA 2193+00.00

CROSS SECTIONS SHEETS
SHEET 83 OF 160

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STATE OF MISSOURI
JEFFREY R. RENSING
NUMBER PE-2006012376
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
8/26/2025

ROUTE	STATE
47	MO
DISTRICT	SHEET NO.
NE	83

COUNTY
LINCOLN

JOB NO.
JNE0003

CONTRACT ID.
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PROJECT NO.
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BRIDGE NO.
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DESCRIPTION	.	.	.	.	.	.	.	.
DATE	.	.	.	.	.	.	.	.

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

MoDOT

OATES ASSOCIATES

St. Louis
720 Olive, Suite 700
St. Louis, MO 63101
314.588.8181

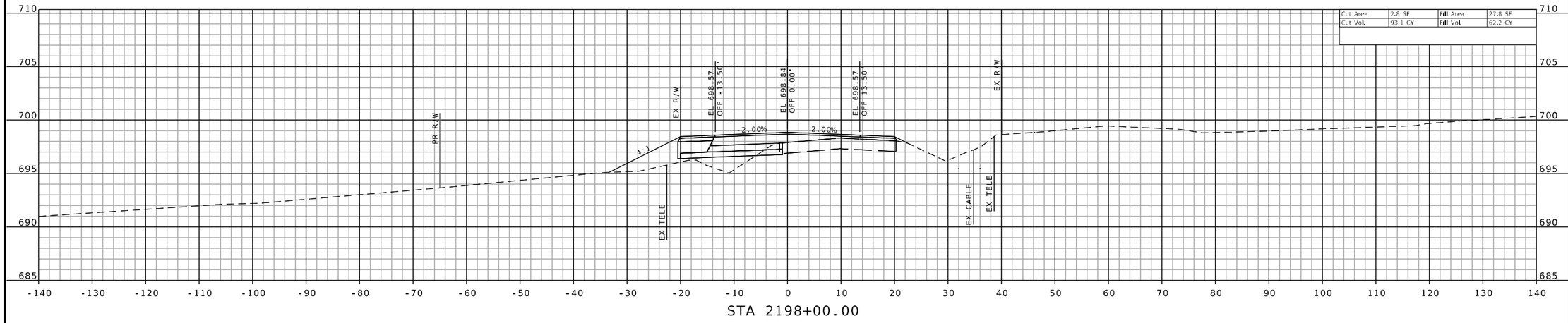
St. Charles
820 South Main, Suite 309
St. Charles, MO 63301
636.493.6277

Collinsville
100 Lamer Court, Suite 1
Collinsville, IL 62234
618.345.2200

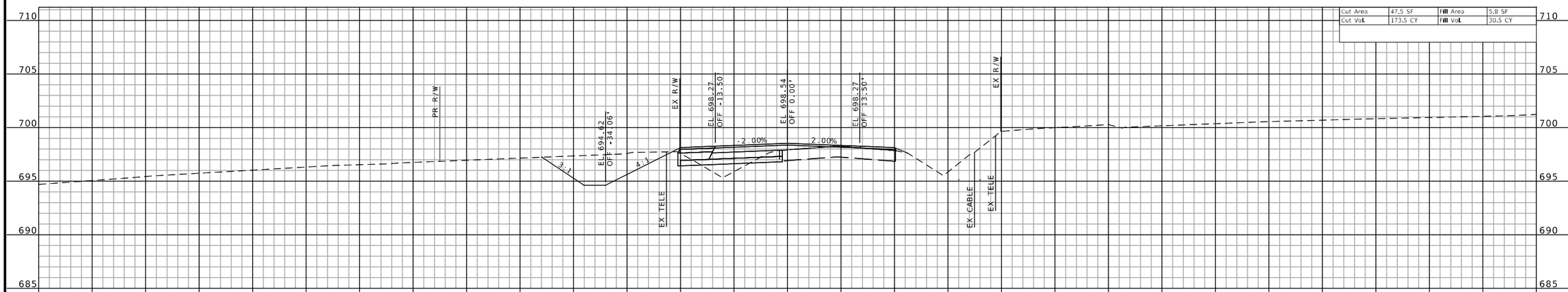
Belleville
1 South Church, Suite 200
Belleville, IL 62220
618.416.4588

www.oatesassociates.com

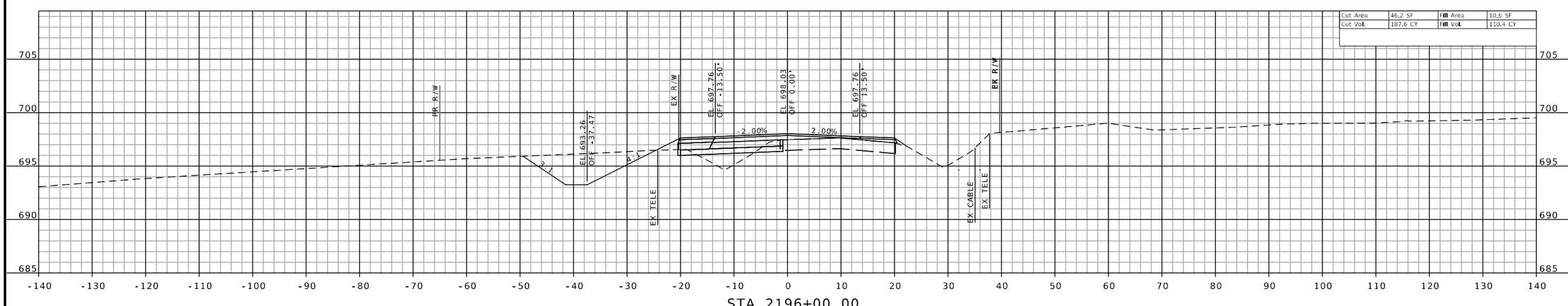
MISSOURI DESIGN FIRM PE-001166



STA 2198+00.00



STA 2197+00.00



STA 2196+00.00

CROSS SECTIONS SHEETS
SHEET 84 OF 160

STATE OF MISSOURI
JEFFREY R. RENSING
NUMBER PE-2006012376
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
8/26/2025

ROUTE	STATE
47	MO
DISTRICT	SHEET NO.
NE	84

COUNTY
LINCOLN

JOB NO.
JNE0003

CONTRACT ID.
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PROJECT NO.
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BRIDGE NO.
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DESCRIPTION	DATE
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IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

OATES ASSOCIATES

Collinsville
100 Lanter Court, Suite 1
Collinsville, IL 62234
618.345.2200

Belleville
1 South Church, Suite 200
Belleville, IL 62220
618.416.4858

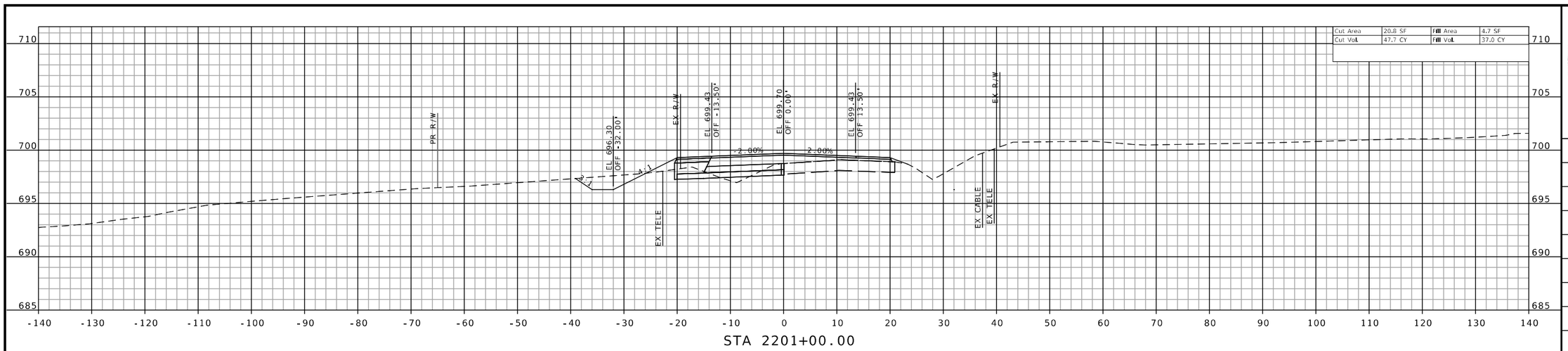
St. Louis
720 Olive, Suite 700
St. Louis, MO 63101
314.288.8381

St. Charles
805 South Main, Suite 309
St. Charles, MO 63301
636.493.6277

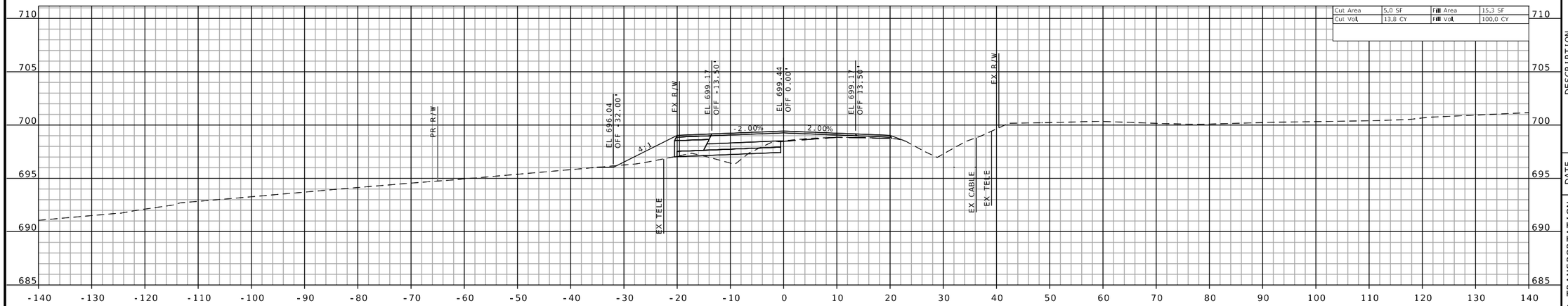
www.oatesassociates.com

MISSOURI DESIGN FIRM PE-001166

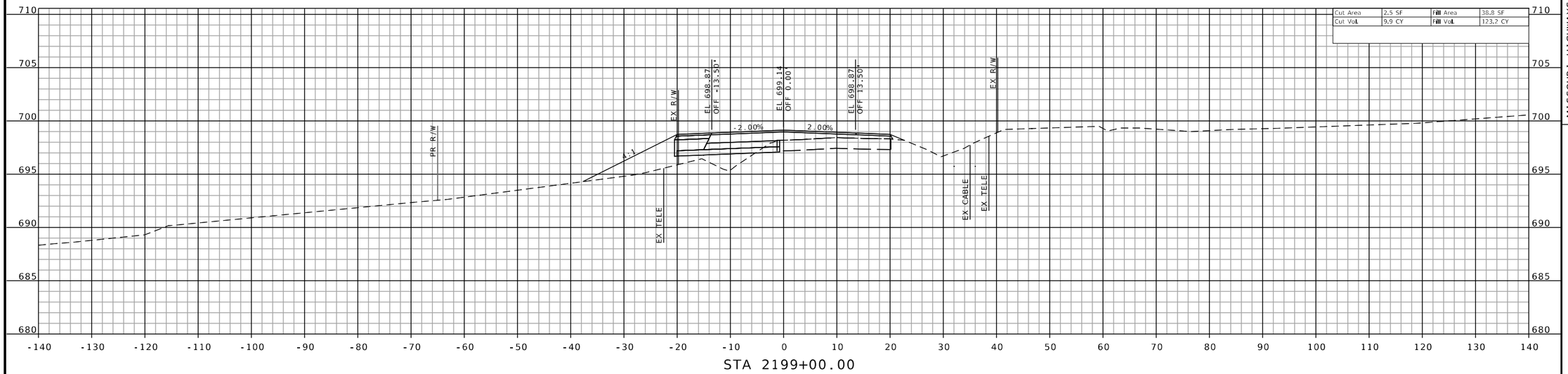
H:\P\222102 - Route 47 Pavement, Safety, and Shoulder Improvements\CADD\Microstation\CADD Drawings\Testing\JNE0003 - sht-xsec-002.dgn 1:51:32 PM 8/26/2025



STA 2201+00.00



STA 2200+00.00



STA 2199+00.00

CROSS SECTIONS SHEETS
SHEET 85 OF 160

STATE OF MISSOURI
JEFFREY R. RENSING
NUMBER PE-2006012376
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
8/26/2025

ROUTE	STATE
47	MO
DISTRICT	SHEET NO.
NE	85

COUNTY
LINCOLN

JOB NO.
JNE0003

CONTRACT ID.
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PROJECT NO.
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BRIDGE NO.
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DESCRIPTION	DATE
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IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

OATES ASSOCIATES

Collinsville
100 Lamper Court, Suite 1
Collinsville, IL 62234
618-345-2200

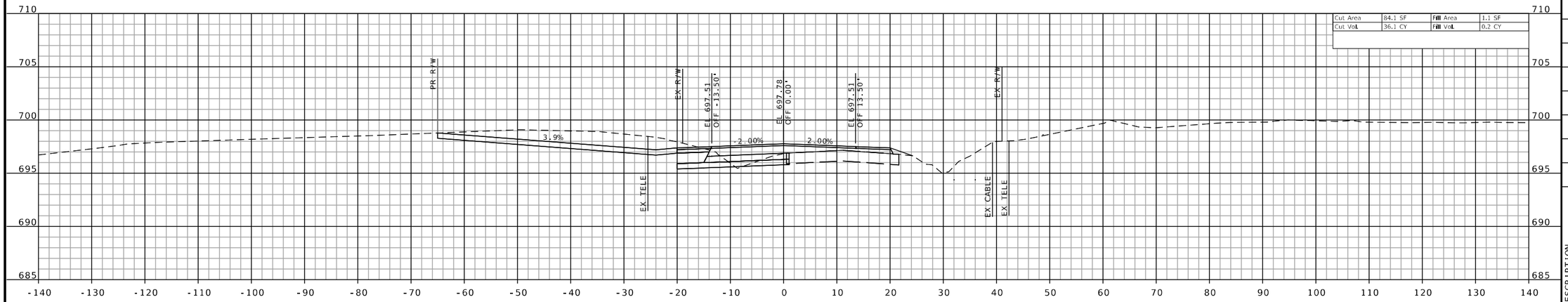
Belleville
1 South Church, Suite 200
Belleville, IL 62220
618-416-6688

St. Louis
720 Olive, Suite 700
St. Louis, MO 63101
314.588.8881

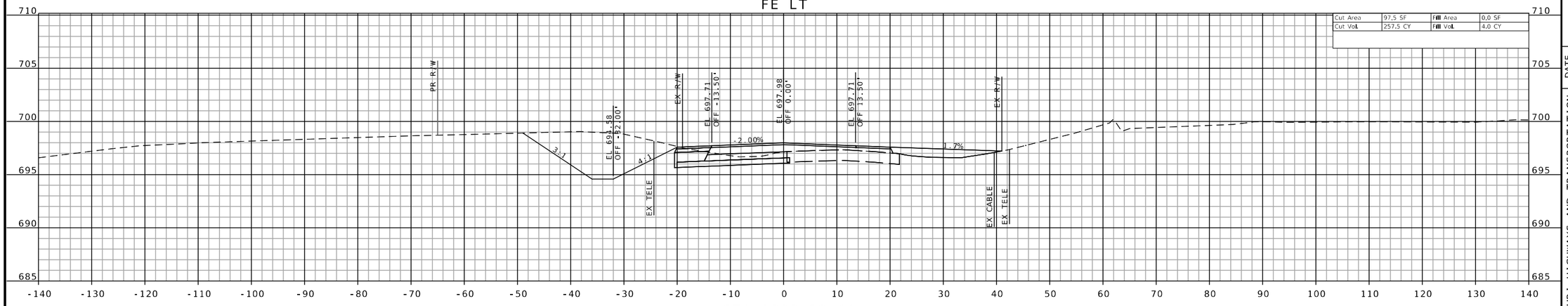
St. Charles
820 South Main, Suite 309
St. Charles, MO 63301
636.493.8277

www.oatesassociates.com

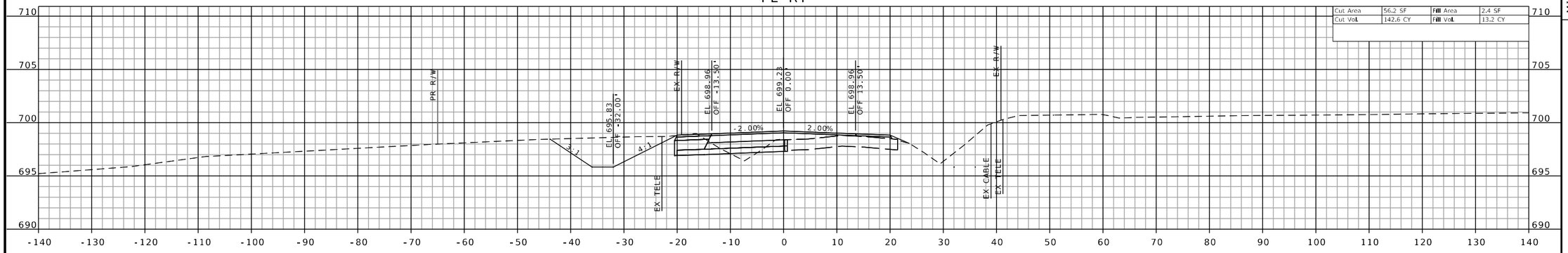
MISSOURI DESIGN FIRM PE-001166



STA 2203+01.16
FE LT



STA 2202+90.44
FE RT



STA 2202+00.00

CROSS SECTIONS SHEETS
SHEET 86 OF 160

STATE OF MISSOURI
JEFFREY R. RENSING
NUMBER PE-2006012376
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
8/26/2025

ROUTE	STATE
47	MO
DISTRICT	SHEET NO.
NE	86

COUNTY
LINCOLN

JOB NO.
JNE0003

CONTRACT ID.
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PROJECT NO.
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BRIDGE NO.
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DESCRIPTION	DATE
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IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

MoDOT

OATES ASSOCIATES

Collinsville
100 Lamper Court, Suite 1
Collinsville, IL 62234
618-343-2200

Belleville
1 South Church, Suite 200
Belleville, IL 62220
618-416-4488

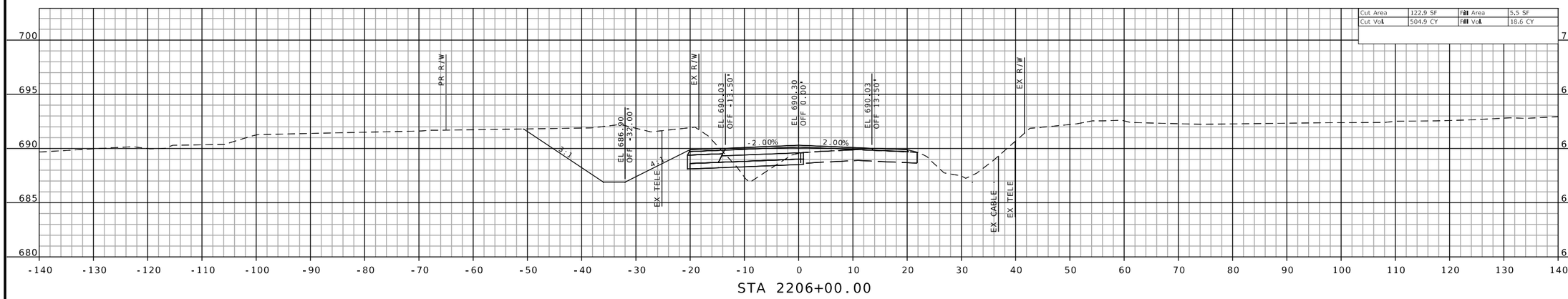
St. Louis
720 Olive, Suite 700
St. Louis, MO 63101
314-588-8381

St. Charles
820 South Main, Suite 309
St. Charles, MO 63301
636-493-5277

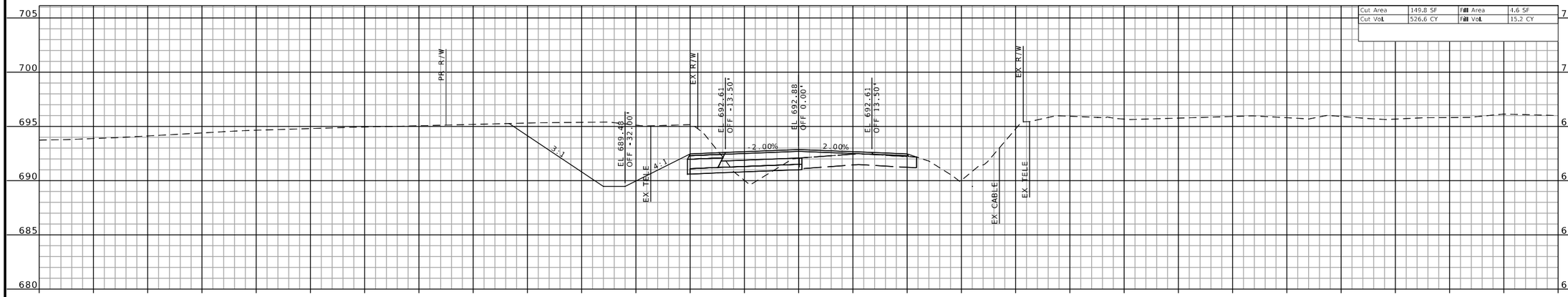
www.oatesassociates.com

MISSOURI DESIGN FIRM PE-001166

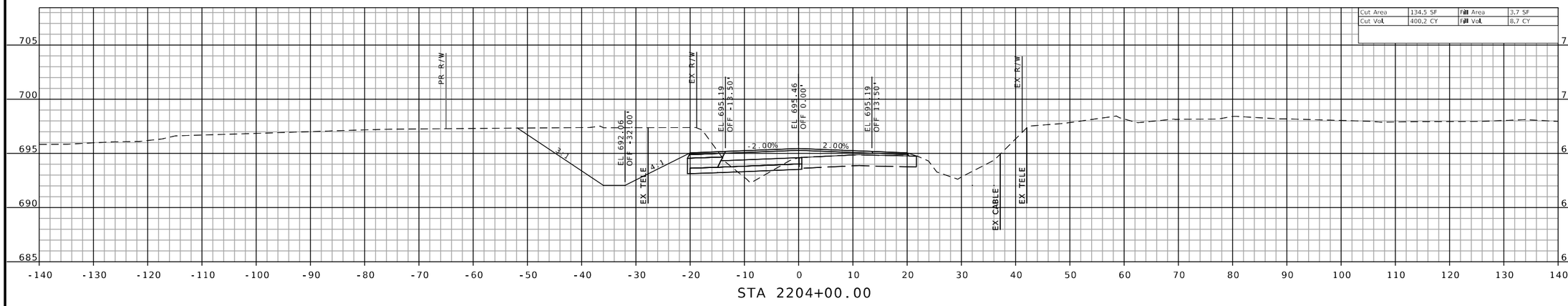
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STA 2205+00.00



STA 2204+00.00

CROSS SECTIONS SHEETS
SHEET 87 OF 160

STATE OF MISSOURI
JEFFREY R. RENSING
NUMBER PE-2006012376
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED 8/26/2025

ROUTE	STATE
47	MO
DISTRICT	SHEET NO.
NE	87

COUNTY: LINCOLN
JOB NO.: JNE0003
CONTRACT ID.: .
PROJECT NO.: .
BRIDGE NO.: .

DATE	DESCRIPTION
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IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

OATES ASSOCIATES
Collinsville
100 Lanter Court, Suite 1
Collinsville, IL 62234
618.345.2200
Belleville
1 South Church, Suite 200
Belleville, IL 62220
618.416.4858
St. Louis
720 Olive, Suite 700
St. Louis, MO 63101
314.288.8381
St. Charles
820 South Main, Suite 309
St. Charles, MO 63301
636.493.6277
www.oatesassociates.com

MISSOURI DESIGN FIRM PE-001166

CROSS SECTIONS SHEETS
SHEET 88 OF 160

STATE OF MISSOURI
JEFFREY R. RENSING
NUMBER PE-2006012376
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
8/26/2025

ROUTE	STATE
47	MO
DISTRICT	SHEET NO.
NE	88

COUNTY
LINCOLN

JOB NO.
JNE0003

CONTRACT ID.
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PROJECT NO.
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BRIDGE NO.
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DESCRIPTION	DATE
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IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

OATES ASSOCIATES

Collinsville
100 Lanter Court, Suite 1
Collinsville, IL 62234
618.345.2200

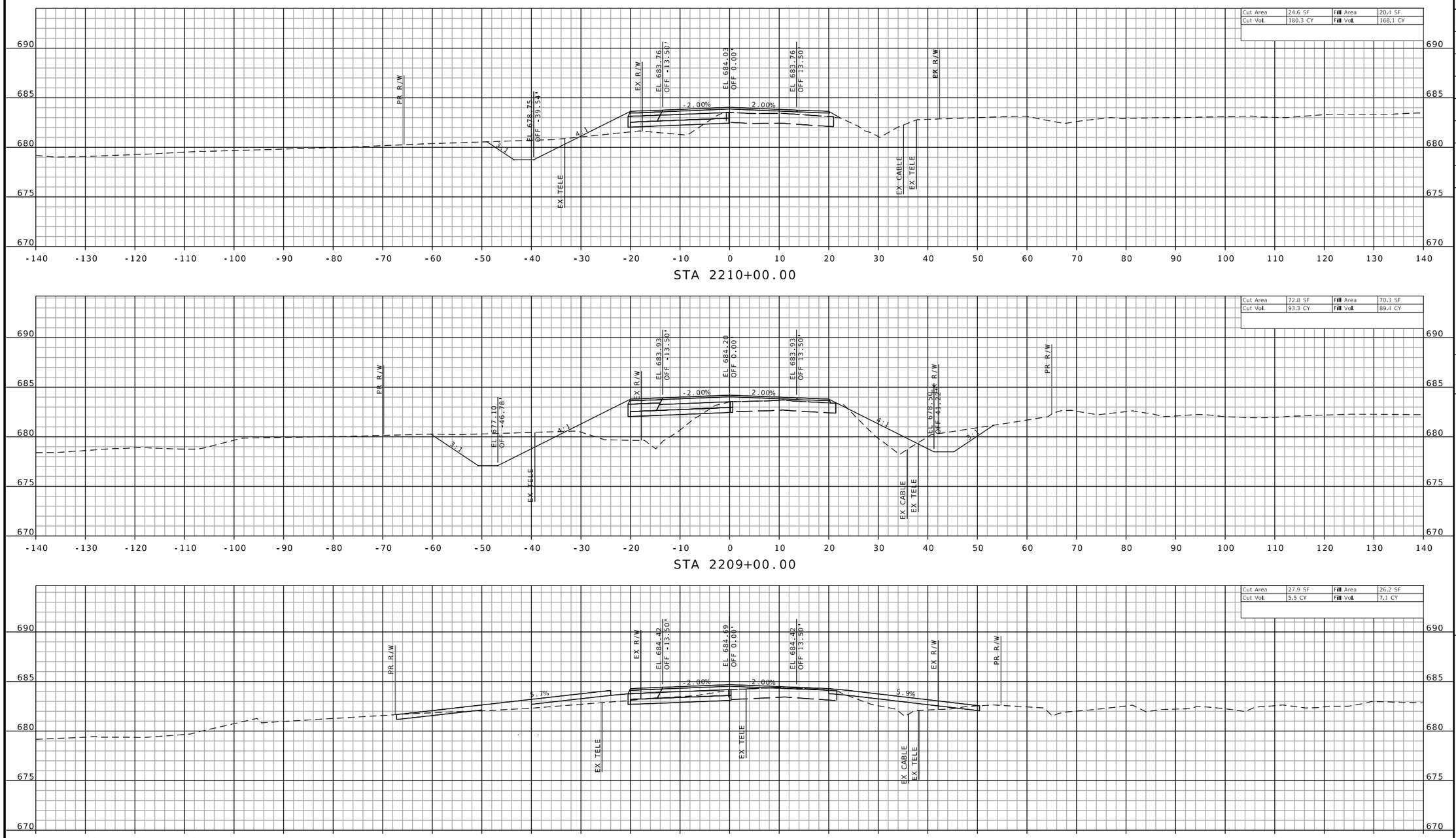
Belleville
1 South Church, Suite 200
Belleville, IL 62220
618.416.4888

St. Louis
720 Olive, Suite 700
St. Louis, MO 63101
314.588.8881

St. Charles
820 South Main, Suite 309
St. Charles, MO 63301
636.493.6277

www.oatesassociates.com

MISSOURI DESIGN FIRM PE-001166



CROSS SECTIONS SHEETS
SHEET 89 OF 160

STATE OF MISSOURI
JEFFREY R. RENSING
NUMBER PE-2006012376
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED 8/26/2025

ROUTE	STATE
47	MO
DISTRICT	SHEET NO.
NE	89

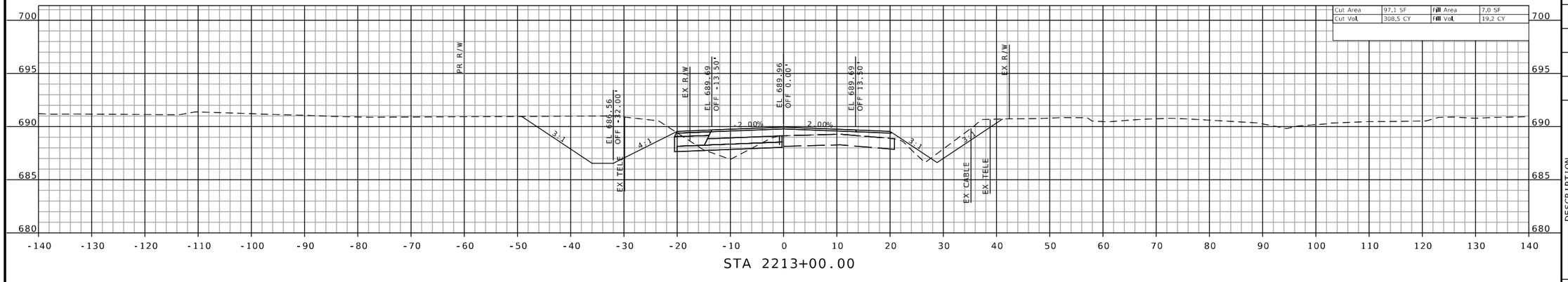
COUNTY: LINCOLN
JOB NO.: JNE0003
CONTRACT ID.:
PROJECT NO.:
BRIDGE NO.:

DESCRIPTION	DATE

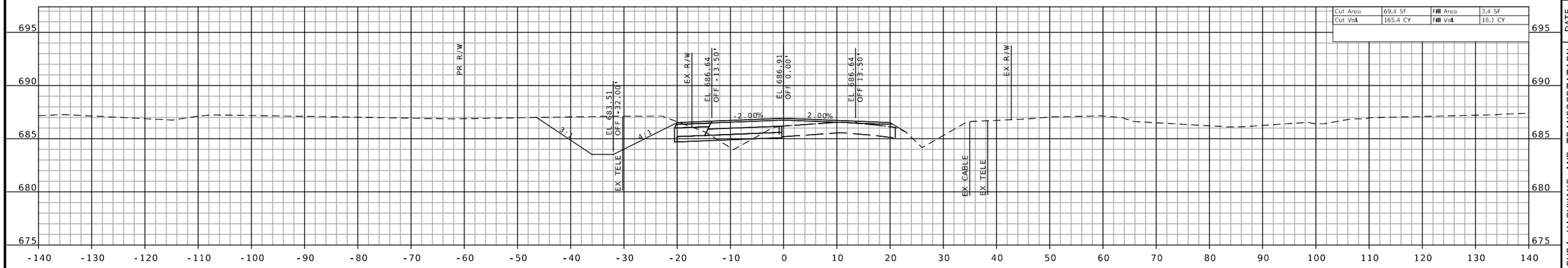
IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

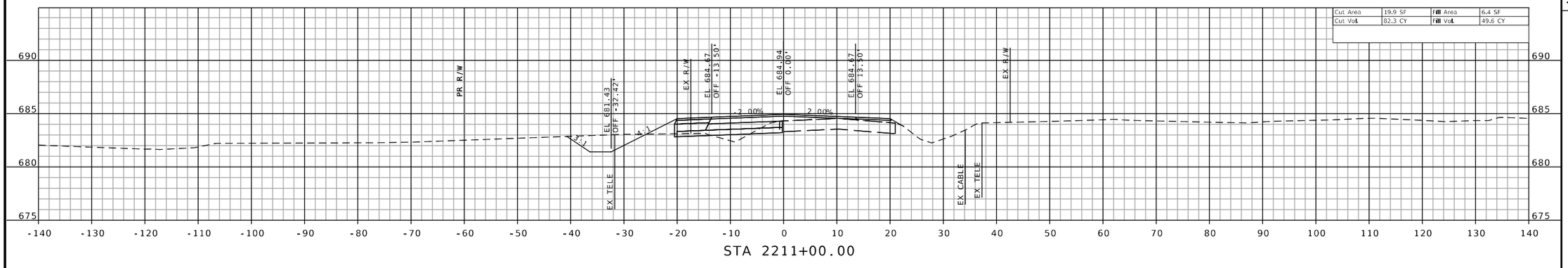
OATES ASSOCIATES
MISSOURI DESIGN FIRM PE-001166
Collinsville: 100 Lanser Court, Suite 1, Collinsville, IL 62234, 618-343-2200
St. Louis: 720 Olive, Suite 700, St. Louis, MO 63101, 314-588-8281
Belleville: 1 South Church, Suite 200, Belleville, IL 62220, 618-416-6688
St. Charles: 820 South Main, Suite 309, St. Charles, MO 63301, 636-493-8277
www.oatesassociates.com



STA 2213+00.00



STA 2212+00.00



STA 2211+00.00

CROSS SECTIONS SHEETS
SHEET 90 OF 160

H:\P\222102 - Route 47 Pavement, Safety, and Shoulder Improvements\CADD\Microstation\CADD Drawings\Testing\JNE0003 - sht-xsec-002.dgn 1:55:35 PM 8/26/2025

STATE OF MISSOURI
JEFFREY R. RENSING
NUMBER PE-2006012376
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
8/26/2025

ROUTE	STATE
47	MO
DISTRICT	SHEET NO.
NE	90

COUNTY
LINCOLN

JOB NO.
JNE0003

CONTRACT ID.
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PROJECT NO.
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BRIDGE NO.
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DESCRIPTION	DATE
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IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

MoDOT

OATES ASSOCIATES

St. Louis
720 Olive, Suite 700
St. Louis, MO 63101
314-588-8381

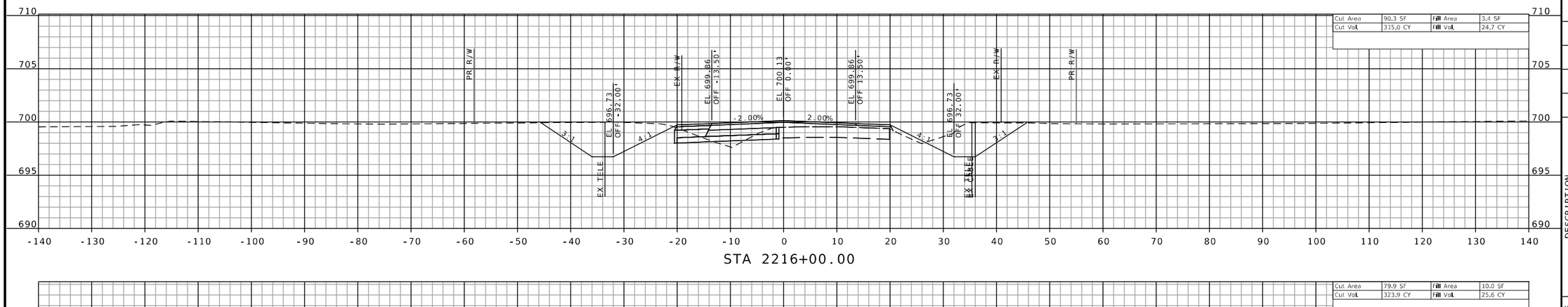
St. Charles
820 South Main, Suite 309
St. Charles, MO 63301
636-493-5277

Collinsville
100 Lamper Court, Suite 1
Collinsville, IL 62234
618-343-2200

Belleville
1 South Church, Suite 200
Belleville, IL 62220
618-416-4488

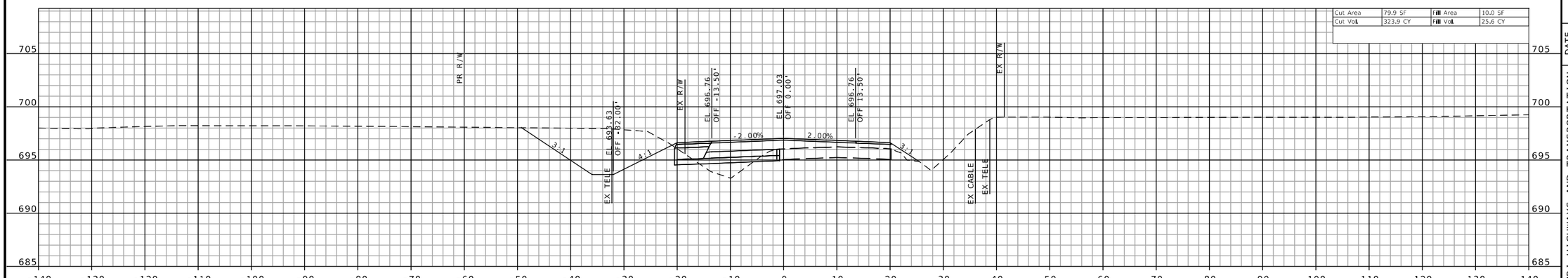
www.oatesassociates.com

MISSOURI DESIGN FIRM PE-001166



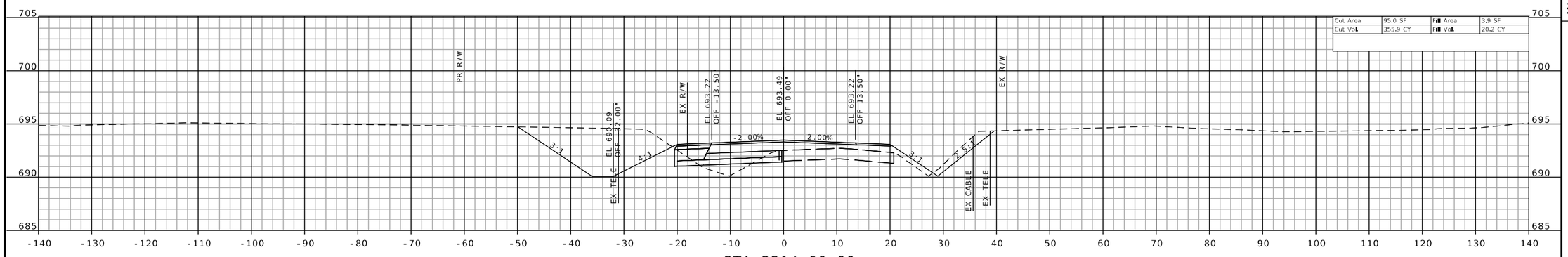
Cut Area	90.3 SF	Fill Area	3.4 SF
Cut Vol.	315.0 CY	Fill Vol.	24.7 CY

STA 2216+00.00



Cut Area	79.9 SF	Fill Area	10.0 SF
Cut Vol.	323.9 CY	Fill Vol.	25.6 CY

STA 2215+00.00



Cut Area	95.0 SF	Fill Area	3.9 SF
Cut Vol.	355.9 CY	Fill Vol.	20.2 CY

STA 2214+00.00

CROSS SECTIONS SHEETS
SHEET 91 OF 160

STATE OF MISSOURI
JEFFREY R. RENSING
NUMBER PE-2006012376
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
8/26/2025

ROUTE	STATE
47	MO
DISTRICT	SHEET NO.
NE	91

COUNTY
LINCOLN

JOB NO.
JNE0003

CONTRACT ID.
.

PROJECT NO.
.

BRIDGE NO.
.

DESCRIPTION	DATE
.	.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

OATES ASSOCIATES

Collinsville
100 Lamper Court, Suite 1
Collinsville, IL 62234
618.345.2200

Belleville
1 South Church, Suite 200
Belleville, IL 62220
618.416.6688

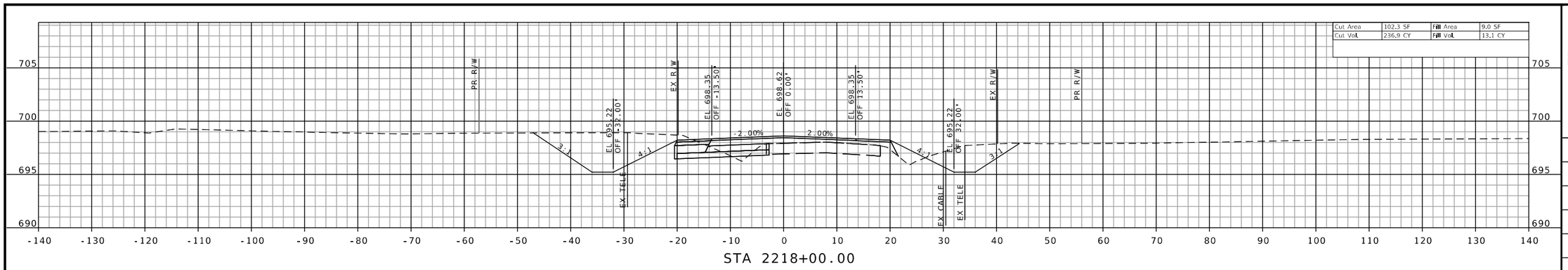
St. Louis
720 Olive, Suite 700
St. Louis, MO 63101
314.588.8881

St. Charles
820 South Main, Suite 309
St. Charles, MO 63301
636.493.8277

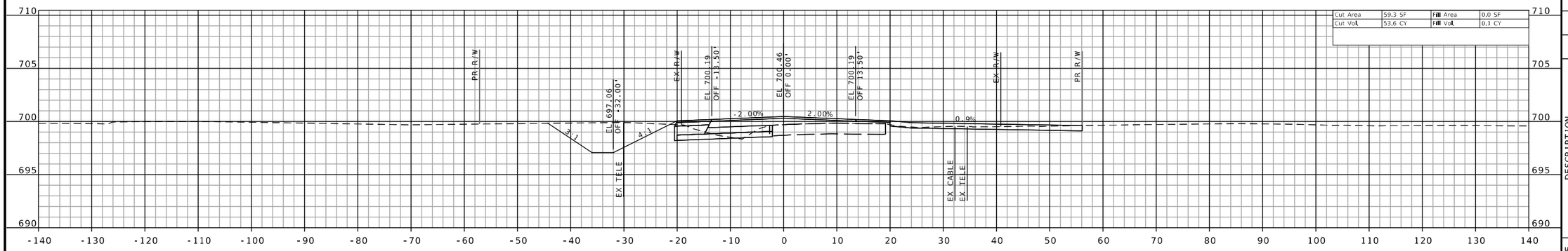
www.oatesassociates.com

MISSOURI DESIGN FIRM PE-001166

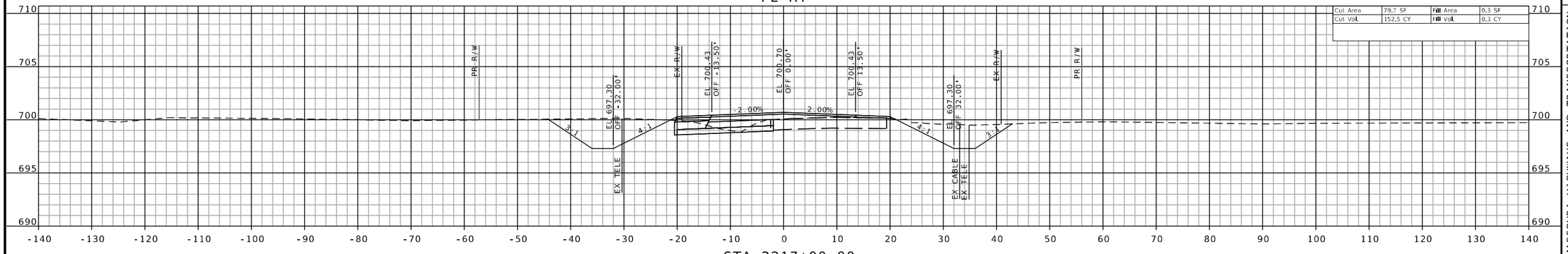
IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.



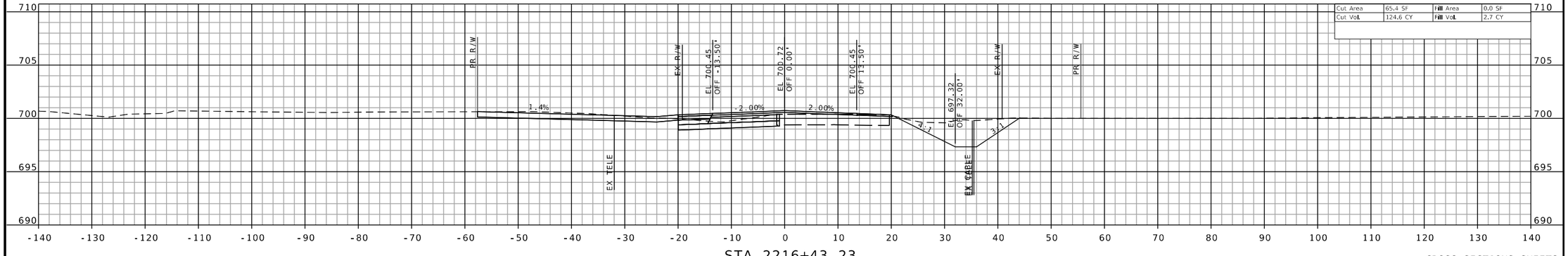
STA 2218+00.00



STA 2217+20.82
FE RT



STA 2217+00.00



STA 2216+43.23
FE LT

CROSS SECTIONS SHEETS
SHEET 92 OF 160

STATE OF MISSOURI
JEFFREY R. RENSING
NUMBER PE-2006012376
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
8/26/2025

ROUTE	STATE
47	MO
DISTRICT	SHEET NO.
NE	92

COUNTY
LINCOLN

JOB NO.
JNE0003

CONTRACT ID.
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PROJECT NO.
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BRIDGE NO.
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DESCRIPTION	DATE
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IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

OATES ASSOCIATES
MISSOURI DESIGN FIRM PE-001166

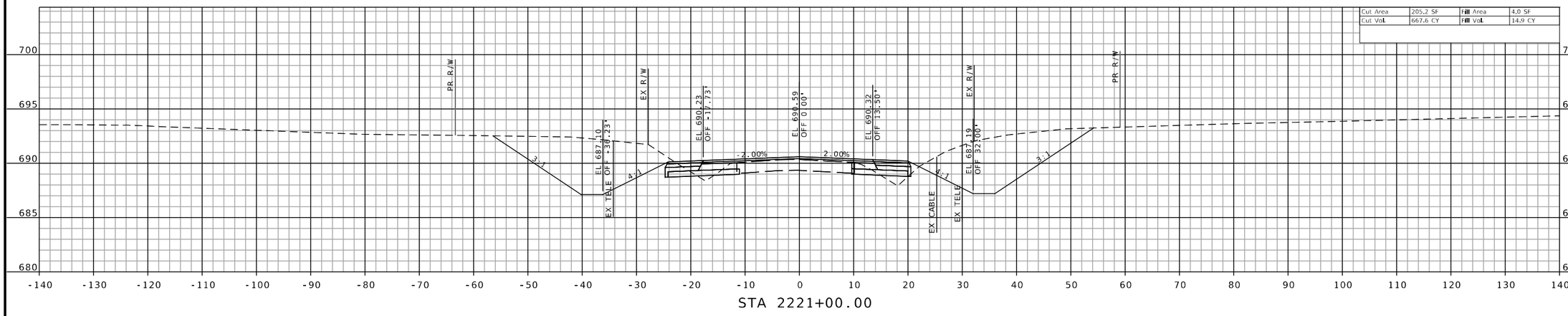
Collinsville
100 Lamper Court, Suite 1
Collinsville, IL 62234
618-345-2200

Belleville
1 South Church, Suite 200
Belleville, IL 62220
618-416-6688

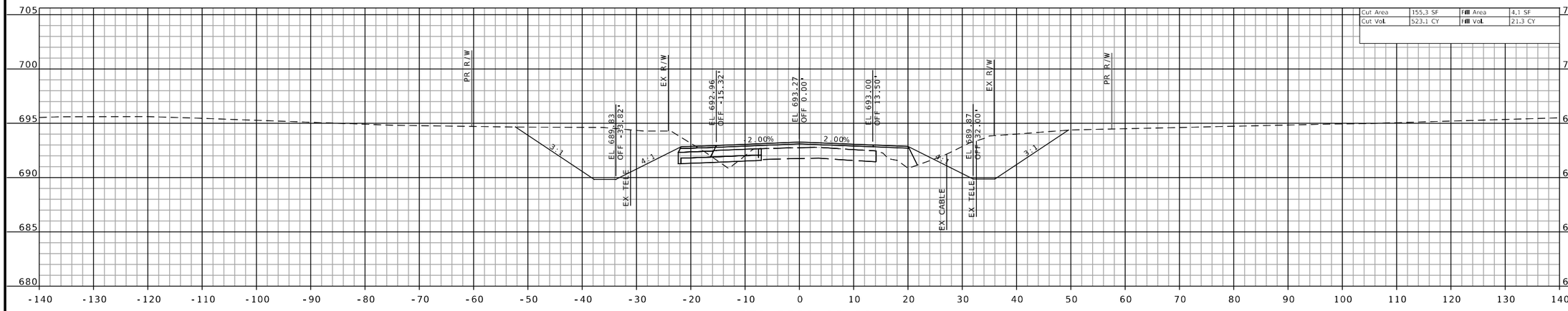
St. Louis
720 Olive, Suite 700
St. Louis, MO 63101
314-588-8881

St. Charles
820 South Main, Suite 309
St. Charles, MO 63301
636-493-8277

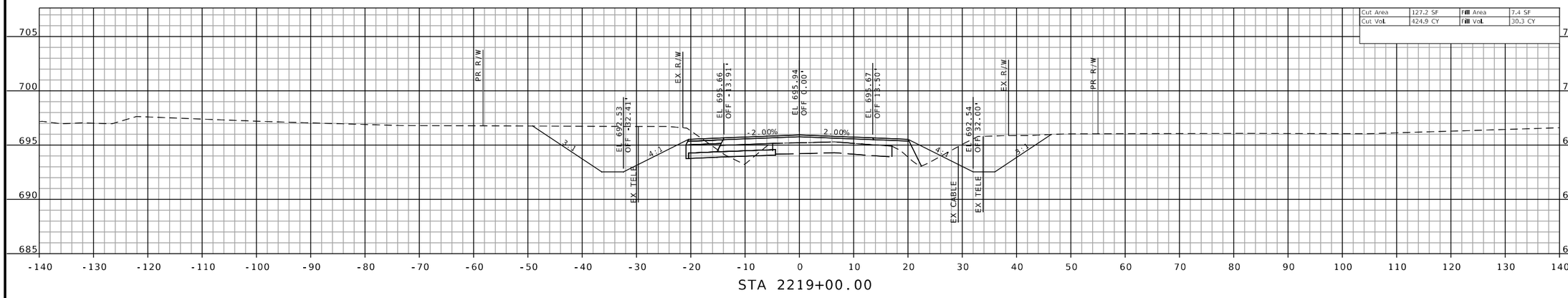
www.oatesassociates.com



STA 2221+00.00



STA 2220+00.00



STA 2219+00.00

CROSS SECTIONS SHEETS
SHEET 93 OF 160

H:\P\222102 - Route 47 Pavement, Safety, and Shoulder Improvements\CADD\Microstation\CADD Drawings\Testing\JNE0003 - sht-xsec-002.dgn 1:57:46 PM 8/26/2025

STATE OF MISSOURI
JEFFREY R. RENSING
NUMBER PE-2006012376
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
8/26/2025

ROUTE	STATE
47	MO
DISTRICT	SHEET NO.
NE	93

COUNTY
LINCOLN

JOB NO.
JNE0003

CONTRACT ID.
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PROJECT NO.
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BRIDGE NO.
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DESCRIPTION	DATE
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IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

OATES ASSOCIATES

Collinsville
100 Lamer Court, Suite 1
Collinsville, IL 62234
618.345.2000

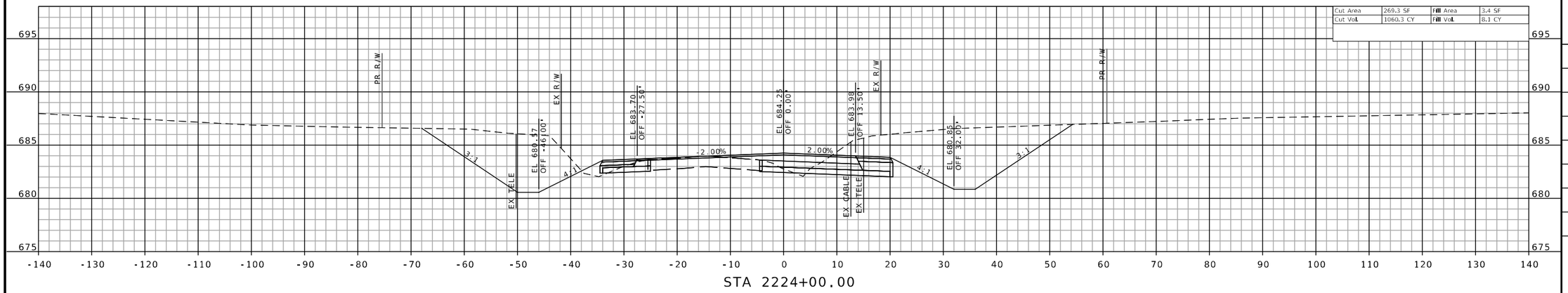
Belleville
1 South Church, Suite 200
Belleville, IL 62220
618.416.4588

St. Louis
720 Olive, Suite 700
St. Louis, MO 63101
314.588.8881

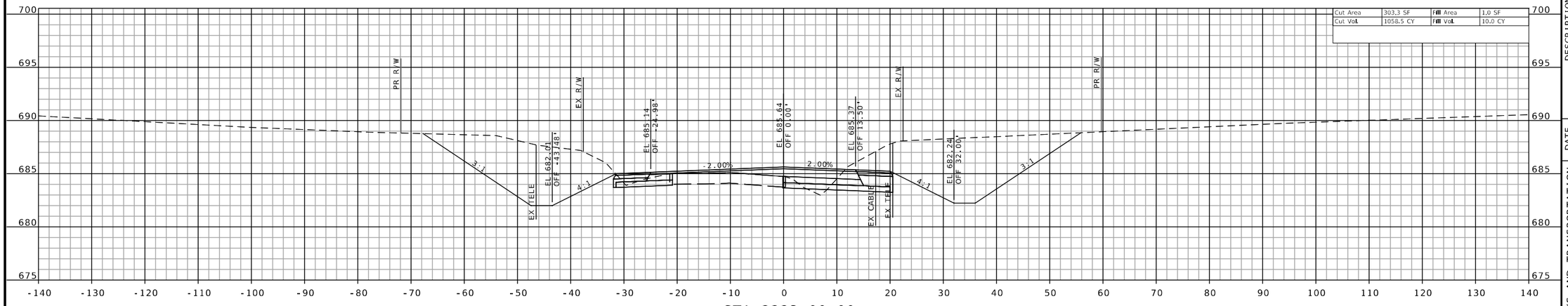
St. Charles
820 South Main, Suite 3J9
St. Charles, MO 63301
636.493.6277

www.oatesassociates.com

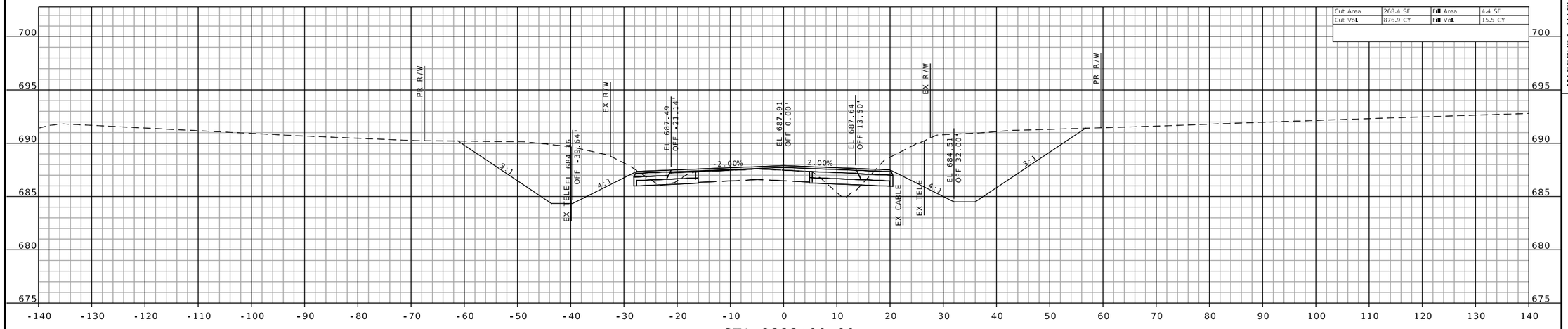
MISSOURI DESIGN FIRM PE-001166



STA 2224+00.00



STA 2223+00.00



STA 2222+00.00

CROSS SECTIONS SHEETS
SHEET 94 OF 160

H:\P\222102 - Route 47 Pavement, Safety, and Shoulder Improvements\CADD\Microstation\CADD Drawings\Testing\JNE0003 - sht-xsec-002.dgn 1:58:28 PM 8/26/2025

STATE OF MISSOURI
JEFFREY R. RENSING
NUMBER PE-2006012376
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
8/26/2025

ROUTE	STATE
47	MO
DISTRICT	SHEET NO.
NE	94

COUNTY
LINCOLN

JOB NO.
JNE0003

CONTRACT ID.
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PROJECT NO.
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BRIDGE NO.
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DESCRIPTION	DATE
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IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

OATES ASSOCIATES
MISSOURI DESIGN FIRM PE-001166

Collinsville
100 Lanter Court, Suite 1
Collinsville, IL 62234
618.345.2200

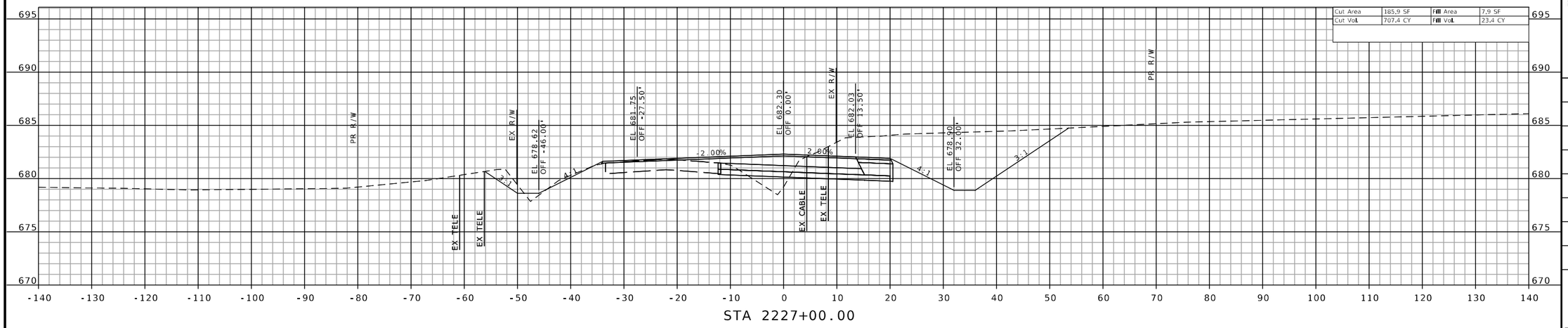
Belleville
1 South Church, Suite 200
Belleville, IL 62220
618.416.4588

St. Louis
720 Olive, Suite 700
St. Louis, MO 63101
314.588.8881

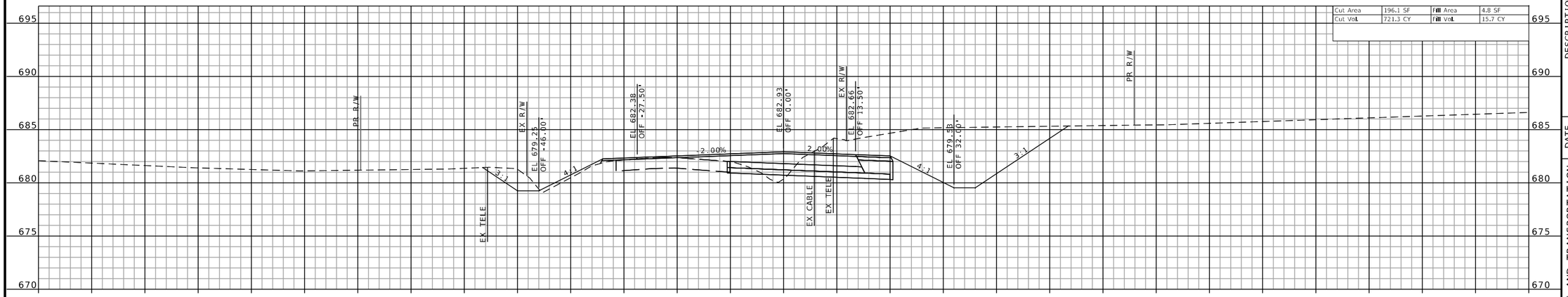
St. Charles
820 South Main, Suite 309
St. Charles, MO 63301
636.493.6277

www.oatesassociates.com

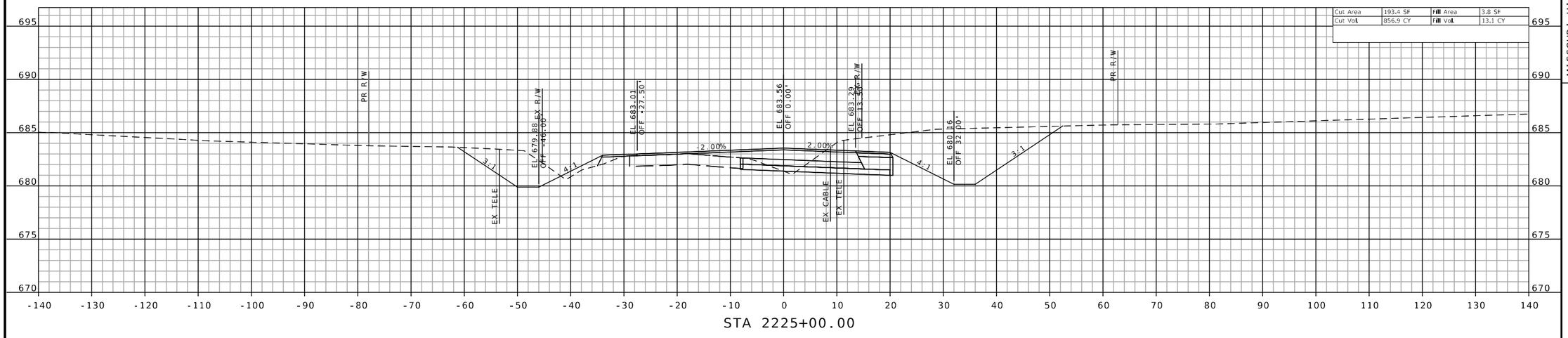
PHASE 1-4 EARTHWORK - STATION 2165+00 TO 2227+00
CUT VOLUME 24,908 CY
FILL VOLUME 3,275 CY



STA 2227+00.00



STA 2226+00.00



STA 2225+00.00

CROSS SECTIONS SHEETS
SHEET 95 OF 160

STATE OF MISSOURI
JEFFREY R. RENSING
NUMBER PE-2006012376
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED 8/26/2025
ROUTE 47 | STATE MO
DISTRICT NE | SHEET NO. 95
COUNTY LINCOLN
JOB NO. JNE0003
CONTRACT ID. .
PROJECT NO. .
BRIDGE NO. .

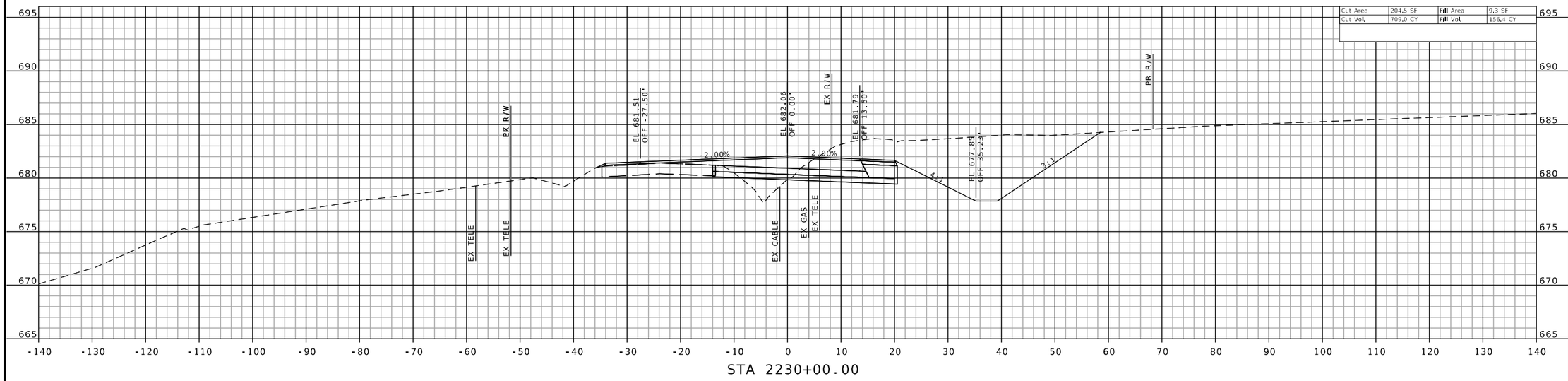
DESCRIPTION
DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

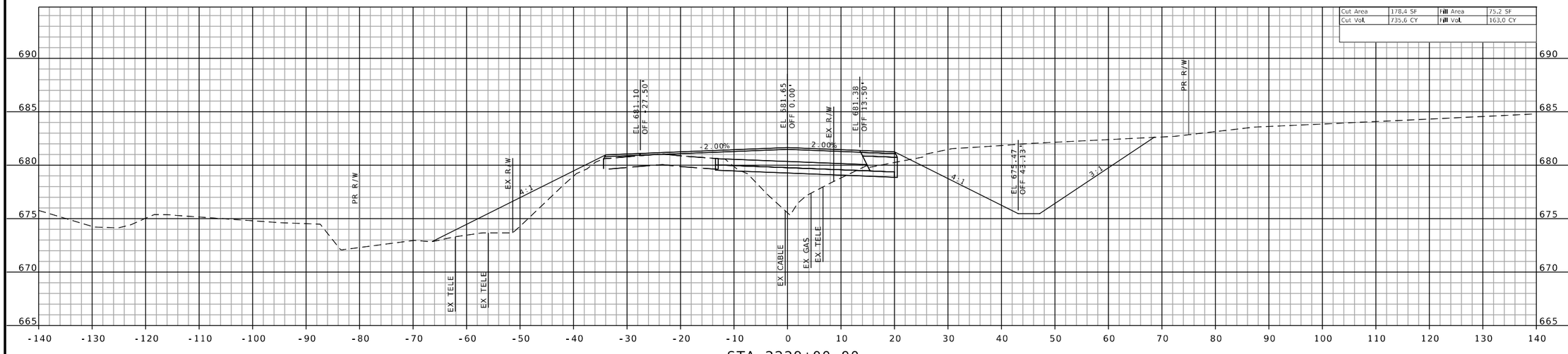
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

OATES ASSOCIATES
Collinsville
100 Lantzer Court, Suite 1
Collinsville, IL 62234
618.345.2200
Belleville
1 South Church, Suite 200
Belleville, IL 62220
618.416.4888
St. Louis
720 Olive, Suite 700
St. Louis, MO 63101
314.288.8381
St. Charles
820 South Main, Suite 309
St. Charles, MO 63301
636.493.6277
www.oatesassociates.com
MISSOURI DESIGN FIRM PE-001166

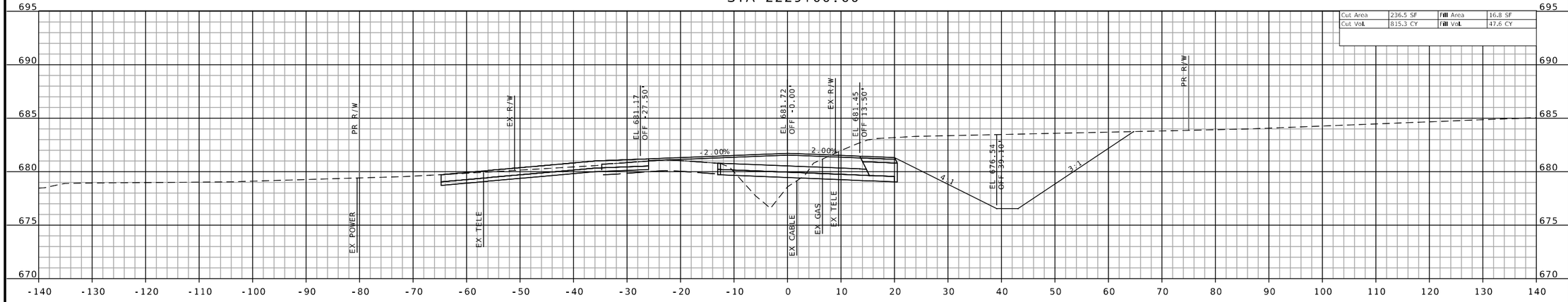
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STA 2230+00.00



STA 2229+00.00



STA 2228+04.24
BENNINGTON DRIVE

CROSS SECTIONS SHEETS
SHEET 96 OF 160

STATE OF MISSOURI
JEFFREY R. RENSING
NUMBER PE-2006012376
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
8/26/2025

ROUTE	STATE
47	MO
DISTRICT	SHEET NO.
NE	96

COUNTY
LINCOLN

JOB NO.
JNE0003

CONTRACT ID.
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PROJECT NO.
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BRIDGE NO.
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DESCRIPTION	DATE
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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

MoDOT

OATES ASSOCIATES

Collinsville
100 Lamer Court, Suite 1
Collinsville, IL 62234
618.345.2200

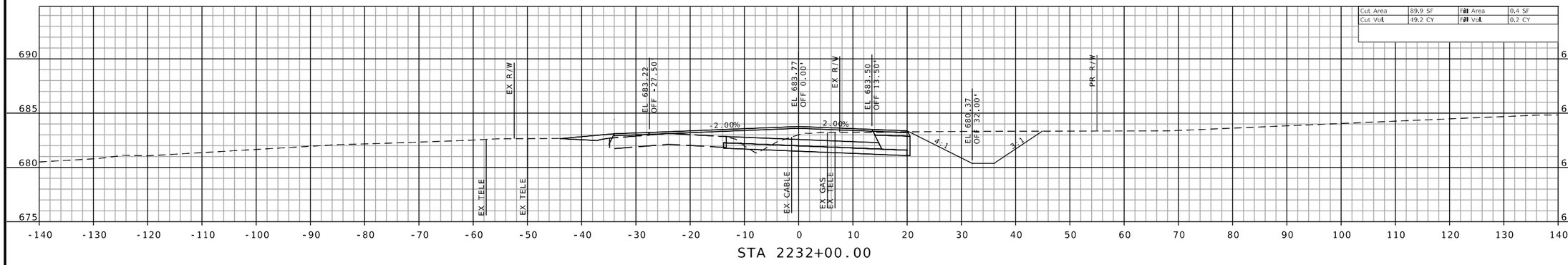
Belleville
1 South Church, Suite 200
Belleville, IL 62220
618.416.4588

St. Louis
720 Olive, Suite 700
St. Louis, MO 63101
314.588.8581

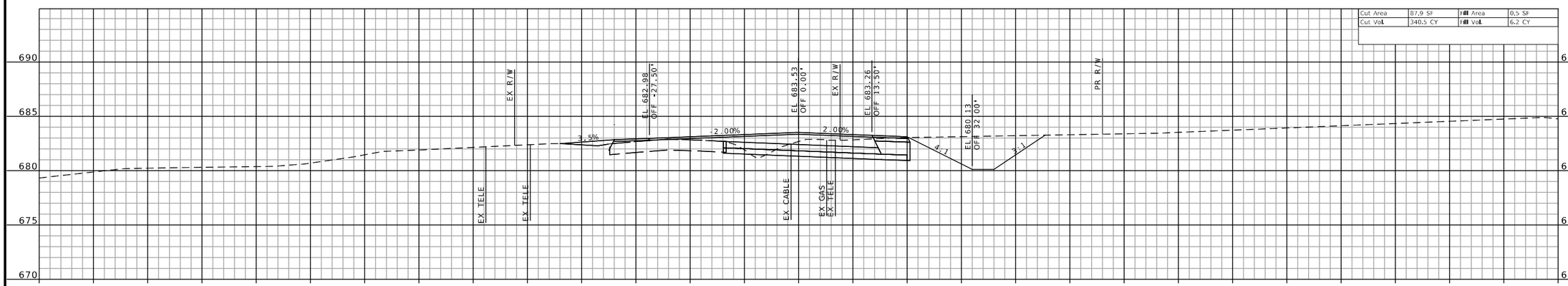
St. Charles
820 South Main, Suite 309
St. Charles, MO 63301
636.493.6277

www.oatesassociates.com

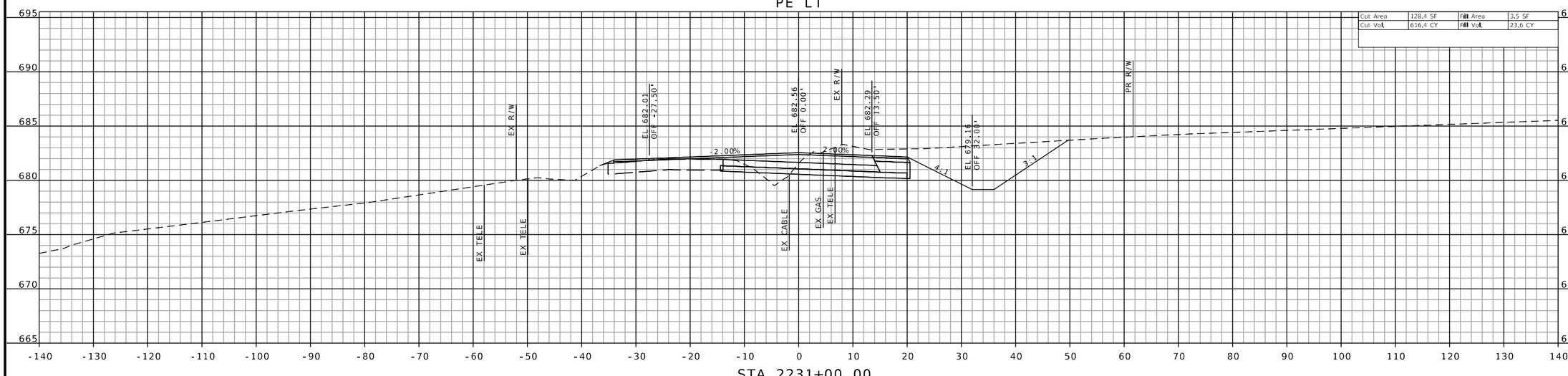
MISSOURI DESIGN FIRM PE-001166



STA 2232+00.00



STA 2231+85.05
PE LT



STA 2231+00.00

CROSS SECTIONS SHEETS
SHEET 97 OF 160

STATE OF MISSOURI
JEFFREY R. RENSING
NUMBER PE-2006012376
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
8/26/2025

ROUTE	STATE
47	MO
DISTRICT	SHEET NO.
NE	97

COUNTY
LINCOLN

JOB NO.
JNE0003

CONTRACT ID.
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PROJECT NO.
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BRIDGE NO.
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DESCRIPTION	DATE
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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

OATES ASSOCIATES

Collinsville
100 Lamer Court, Suite 1
Collinsville, IL 62234
618.345.2200

Belleville
1 South Church, Suite 200
Belleville, IL 62220
618.416.4588

St. Louis
720 Olive, Suite 700
St. Louis, MO 63101
314.588.8581

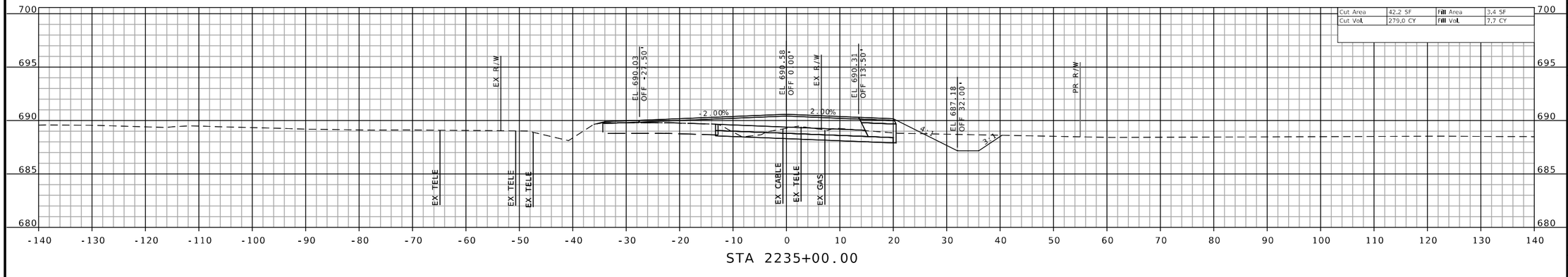
St. Charles
820 South Main, Suite 309
St. Charles, MO 63301
636.493.6277

www.oatesassociates.com

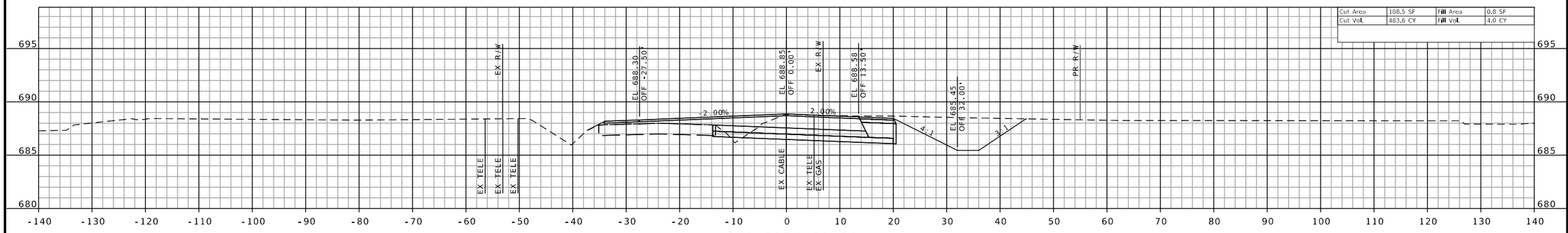
MISSOURI DESIGN FIRM PE-001166

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

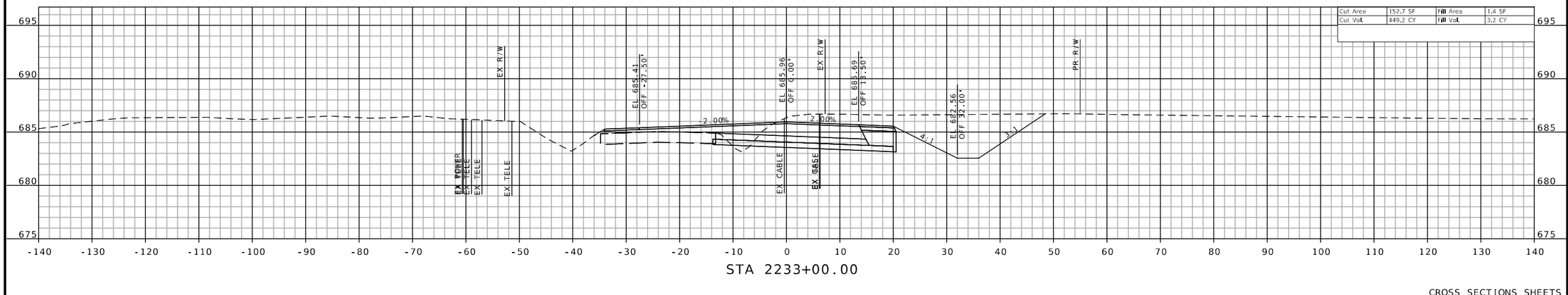
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STA 2235+00.00



STA 2234+00.00



STA 2233+00.00

CROSS SECTIONS SHEETS
SHEET 98 OF 160

STATE OF MISSOURI
JEFFREY R. RENSING
NUMBER PE-2006012376
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
8/26/2025

ROUTE	STATE
47	MO
DISTRICT	SHEET NO.
NE	98

COUNTY
LINCOLN

JOB NO.
JNE0003

CONTRACT ID.
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PROJECT NO.
.

BRIDGE NO.
.

DATE	DESCRIPTION
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IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

OATES ASSOCIATES
MISSOURI DESIGN FIRM PE-001166

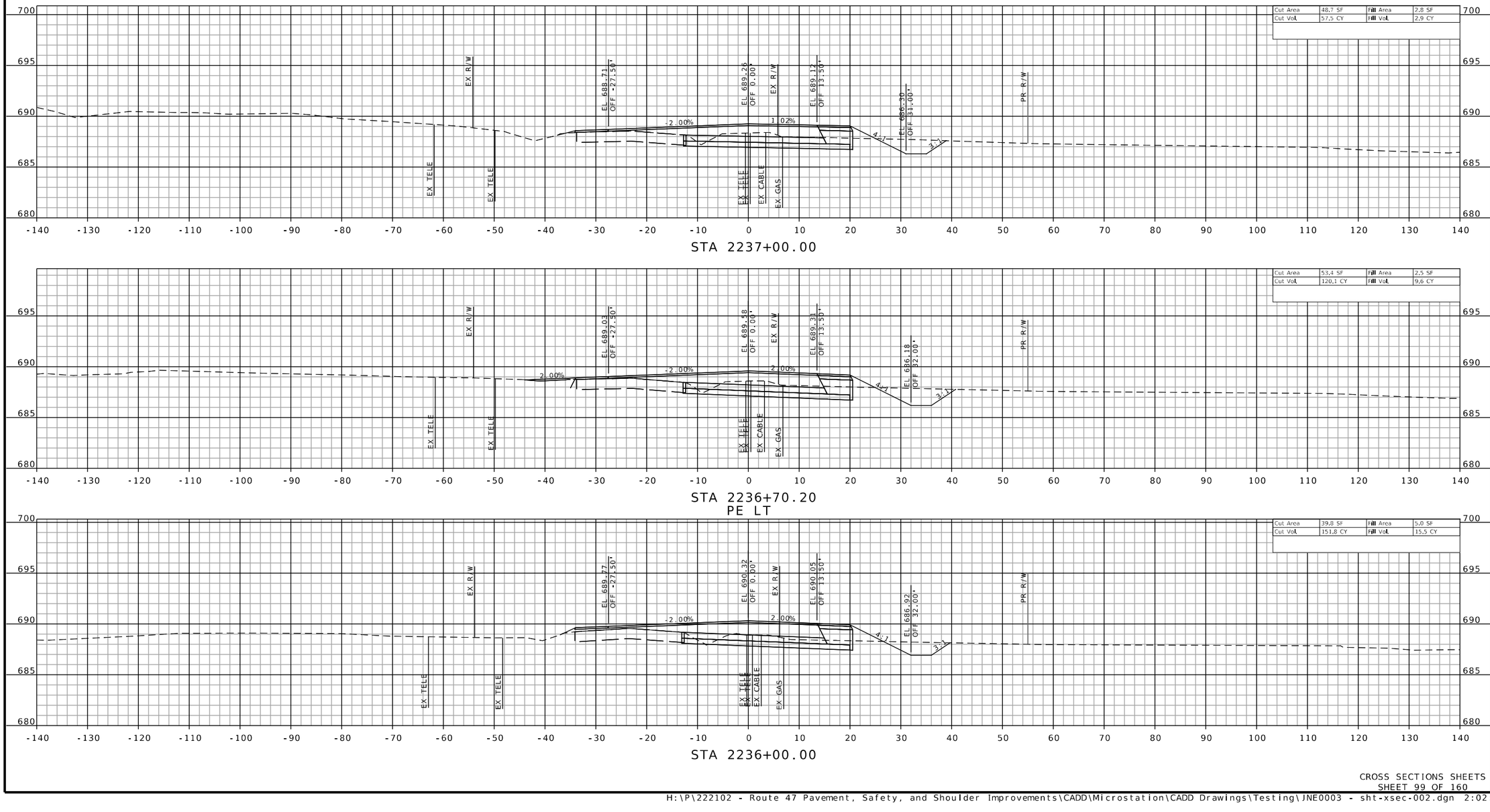
Collinsville
100 Lamper Court, Suite 1
Collinsville, IL 62234
618.345.2200

Belleville
1 South Church, Suite 200
Belleville, IL 62220
618.416.4688

St. Louis
720 Olive, Suite 700
St. Louis, MO 63101
314.588.8881

St. Charles
820 South Main, Suite 309
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CROSS SECTIONS SHEETS
SHEET 99 OF 160

H:\P\222102 - Route 47 Pavement, Safety, and Shoulder Improvements\CADD\Microstation\CADD Drawings\Testing\JNE0003 - sht-xsec-002.dgn 2:02:01 PM 8/26/2025

STATE OF MISSOURI
JEFFREY R. RENSING
NUMBER PE-2006012376
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
8/26/2025

ROUTE	STATE
47	MO
DISTRICT	SHEET NO.
NE	99

COUNTY
LINCOLN

JOB NO.
JNE0003

CONTRACT ID.
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PROJECT NO.
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BRIDGE NO.
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DESCRIPTION	DATE
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IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

OATES ASSOCIATES

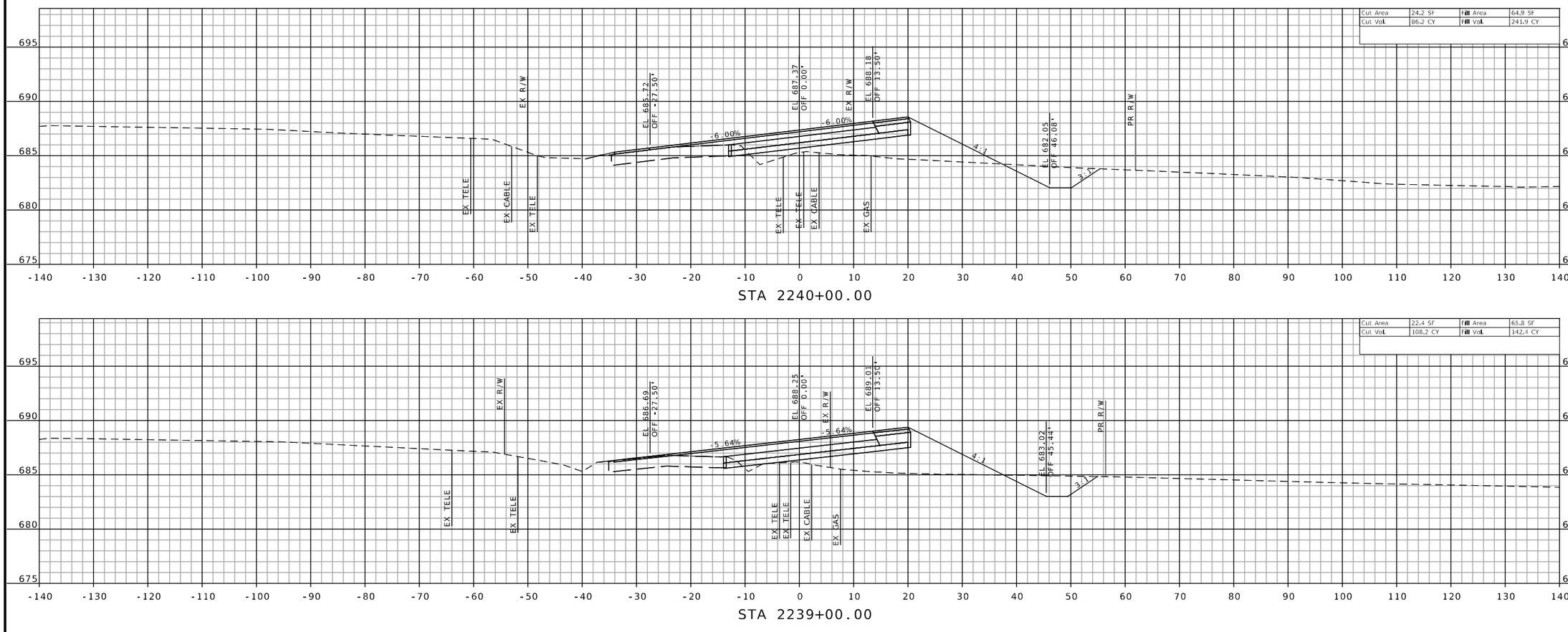
St. Louis
720 Olive, Suite 700
St. Louis, MO 63101
314.588.8381

St. Charles
820 South Main, Suite 309
St. Charles, MO 63301
636.493.6277

Collinsville
100 Lamper Court, Suite 1
Collinsville, IL 62234
618.343.2200

Belleville
1 South Church, Suite 200
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MISSOURI DESIGN FIRM PE-001166



CROSS SECTIONS SHEETS
SHEET 100 OF 160

STATE OF MISSOURI
JEFFREY R. RENSING
NUMBER PE-2006012376
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
8/26/2025

ROUTE	STATE
47	MO
DISTRICT	SHEET NO.
NE	100

COUNTY
LINCOLN

JOB NO.
JNE0003

CONTRACT ID.
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PROJECT NO.
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BRIDGE NO.
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DESCRIPTION	DATE
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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

OATES ASSOCIATES

Collinsville
100 Lamper Court, Suite 1
Collinsville, IL 62234
618-343-2200

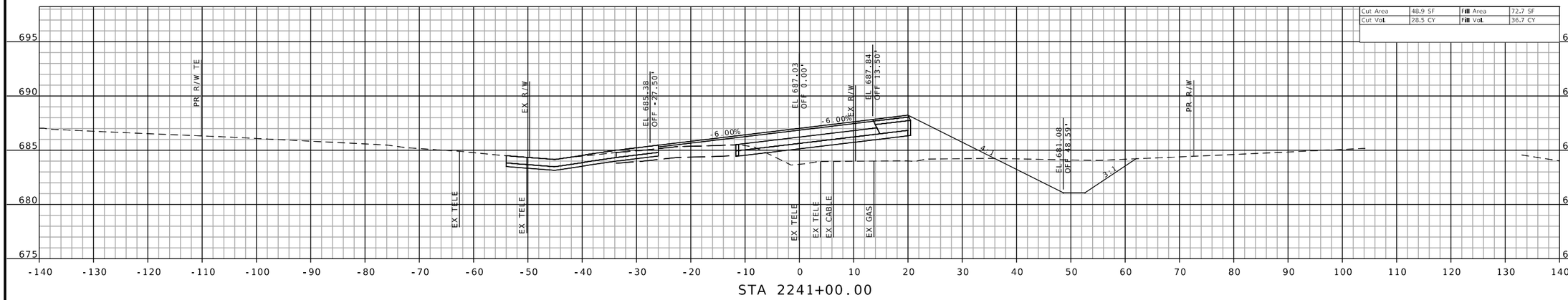
Belleville
1 South Church, Suite 200
Belleville, IL 62220
618-416-4488

St. Louis
720 Olive, Suite 700
St. Louis, MO 63101
314-588-8381

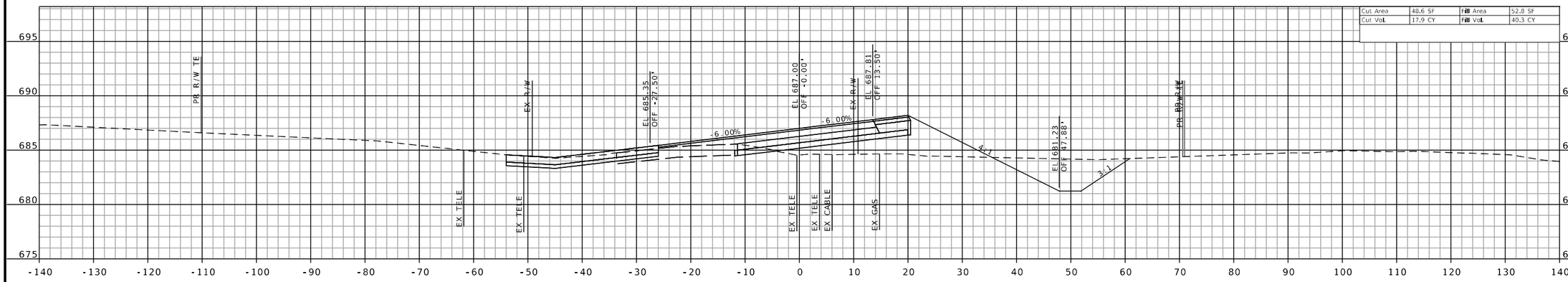
St. Charles
820 South Main, Suite 309
St. Charles, MO 63301
636-493-5277

www.oatesassociates.com

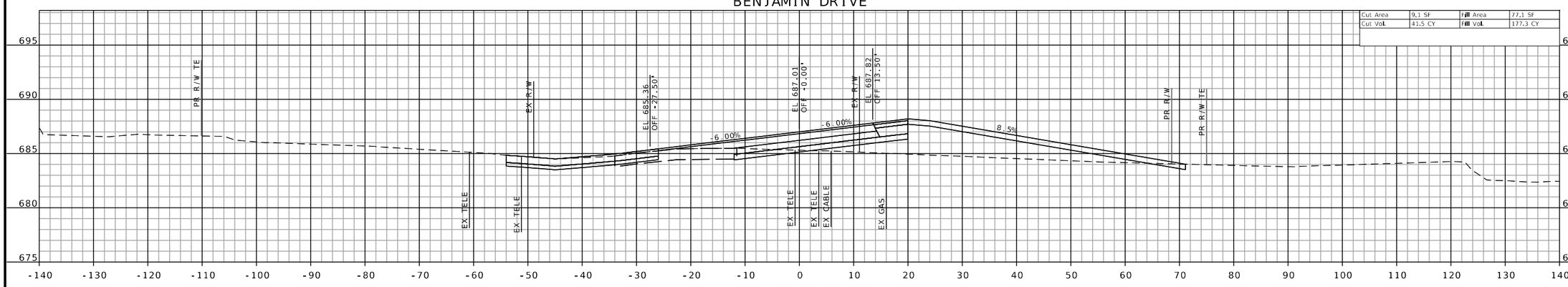
MISSOURI DESIGN FIRM PE-001166



STA 2241+00.00



STA 2240+84.22
BENJAMIN DRIVE



STA 2240+67.46
PE RT

CROSS SECTIONS SHEETS
SHEET 101 OF 160

H:\P\222102 - Route 47 Pavement, Safety, and Shoulder Improvements\CADD\Microstation\CADD Drawings\Testing\JNE0003 - sht-xsec-002.dgn 2:03:32 PM 8/26/2025

STATE OF MISSOURI
JEFFREY R. RENSING
NUMBER PE-2006012376
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
8/26/2025

ROUTE	STATE
47	MO
DISTRICT	SHEET NO.
NE	101

COUNTY
LINCOLN

JOB NO.
JNE0003

CONTRACT ID.
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PROJECT NO.
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BRIDGE NO.
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DESCRIPTION	DATE
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IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

MoDOT

OATES ASSOCIATES

St. Louis
720 Olive, Suite 700
St. Louis, MO 63101
314.588.8881

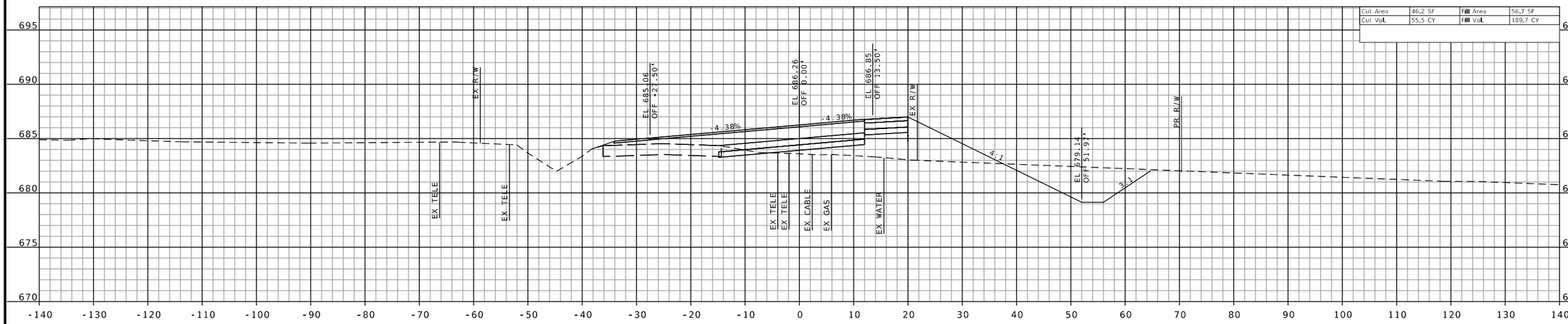
St. Charles
820 South Main, Suite 309
St. Charles, MO 63301
636.493.6277

Collinsville
100 Lamper Court, Suite 1
Collinsville, IL 62234
618.345.2200

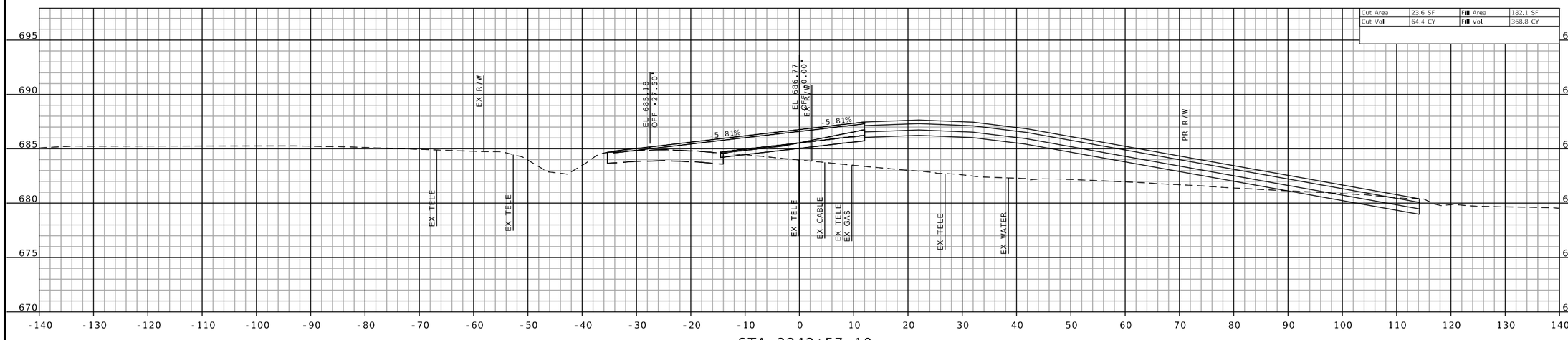
Belleville
1 South Church, Suite 200
Belleville, IL 62220
618.416.6688

www.oatesassociates.com

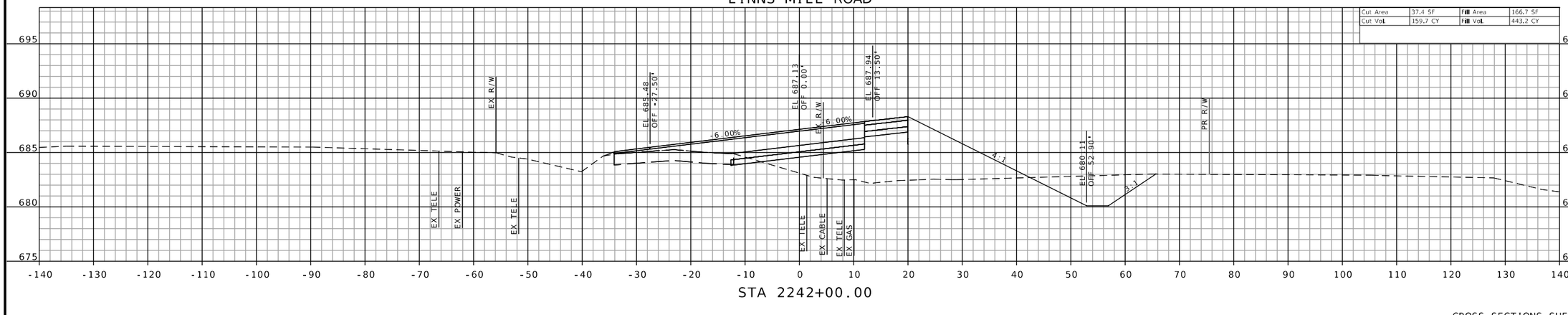
MISSOURI DESIGN FIRM PE-001166



STA 2243+00.00



STA 2242+57.10
LINNS MILL ROAD



STA 2242+00.00

CROSS SECTIONS SHEETS
SHEET 102 OF 160

H:\P\222102 - Route 47 Pavement, Safety, and Shoulder Improvements\CADD\Microstation\CADD Drawings\Testing\JNE0003 - sht-xsec-002.dgn 2:04:16 PM 8/26/2025

STATE OF MISSOURI
JEFFREY R. RENSING
NUMBER PE-2006012376
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
8/26/2025

ROUTE	STATE
47	MO
DISTRICT	SHEET NO.
NE	102

COUNTY
LINCOLN

JOB NO.
JNE0003

CONTRACT ID.
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PROJECT NO.
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BRIDGE NO.
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DESCRIPTION	DATE
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IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

OATES ASSOCIATES
MISSOURI DESIGN FIRM PE-001166

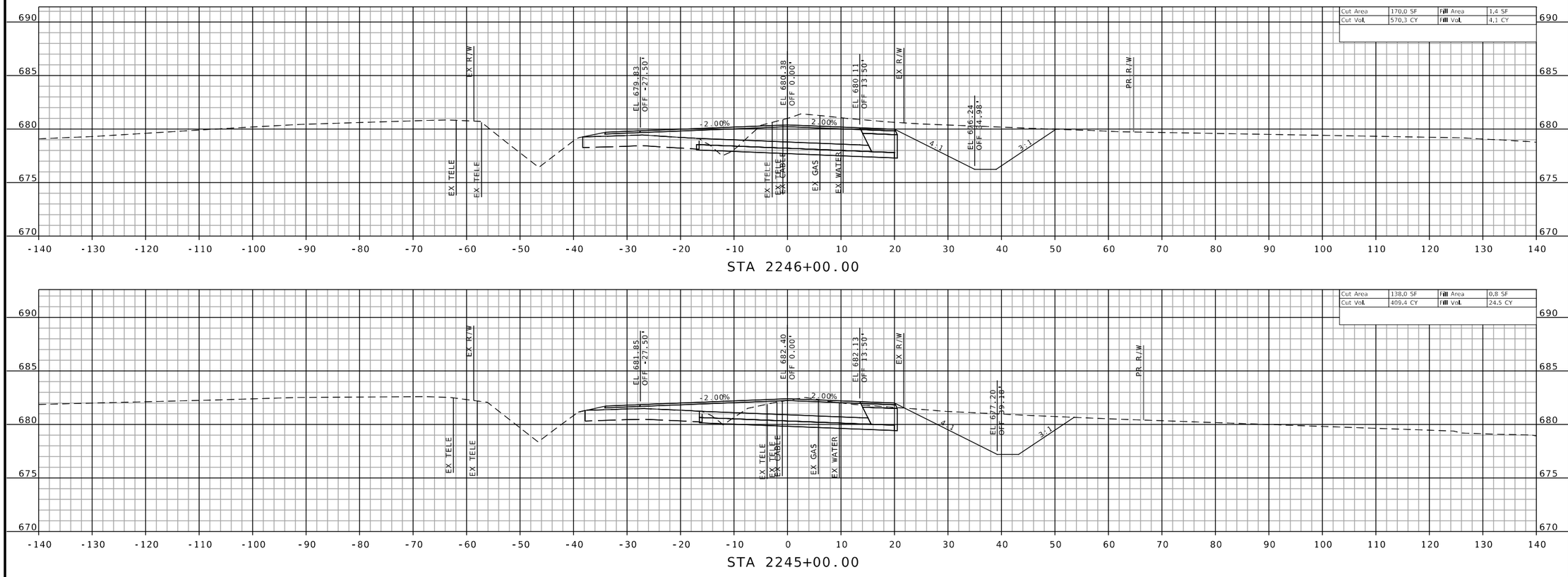
Collinsville
100 Lamar Court, Suite 1
Collinsville, IL 62234
618.345.2000

Belleville
1 South Church, Suite 200
Belleville, IL 62220
618.416.4588

St. Louis
720 Olive, Suite 700
St. Louis, MO 63101
314.588.8881

St. Charles
820 South Main, Suite 309
St. Charles, MO 63301
636.493.6277

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CROSS SECTIONS SHEETS
SHEET 103 OF 160

STATE OF MISSOURI
JEFFREY R. RENSING
NUMBER PE-2006012376
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
8/26/2025

ROUTE	STATE
47	MO
DISTRICT	SHEET NO.
NE	103

COUNTY
LINCOLN

JOB NO.
JNE0003

CONTRACT ID.
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PROJECT NO.
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BRIDGE NO.
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DESCRIPTION	DATE
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IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

OATES ASSOCIATES

Collinsville
100 Lanter Court, Suite 1
Collinsville, IL 62234
618.345.2200

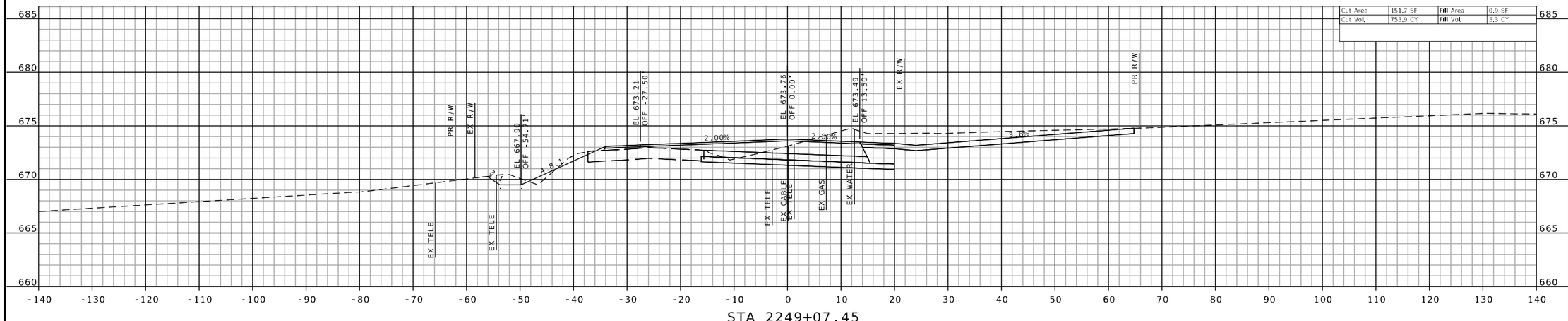
Belleville
1 South Church, Suite 200
Belleville, IL 62220
618.416.4888

St. Louis
720 Olive, Suite 700
St. Louis, MO 63101
314.288.8381

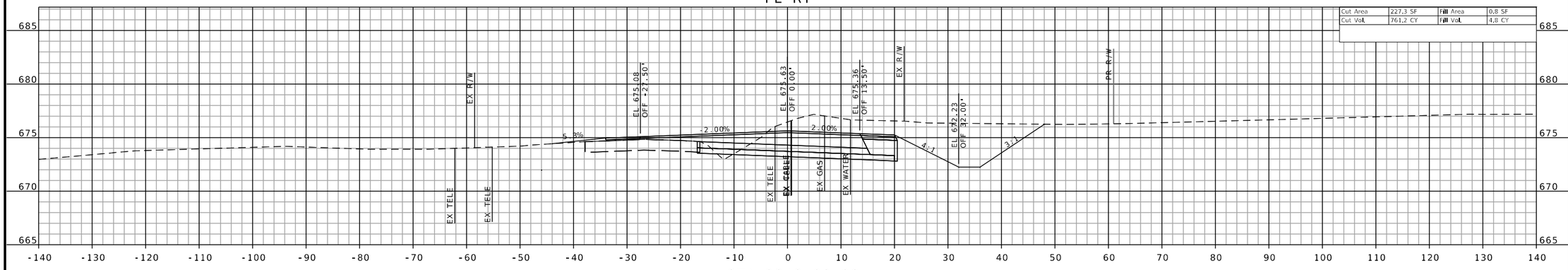
St. Charles
820 South Main, Suite 309
St. Charles, MO 63301
636.493.6277

www.oatesassociates.com

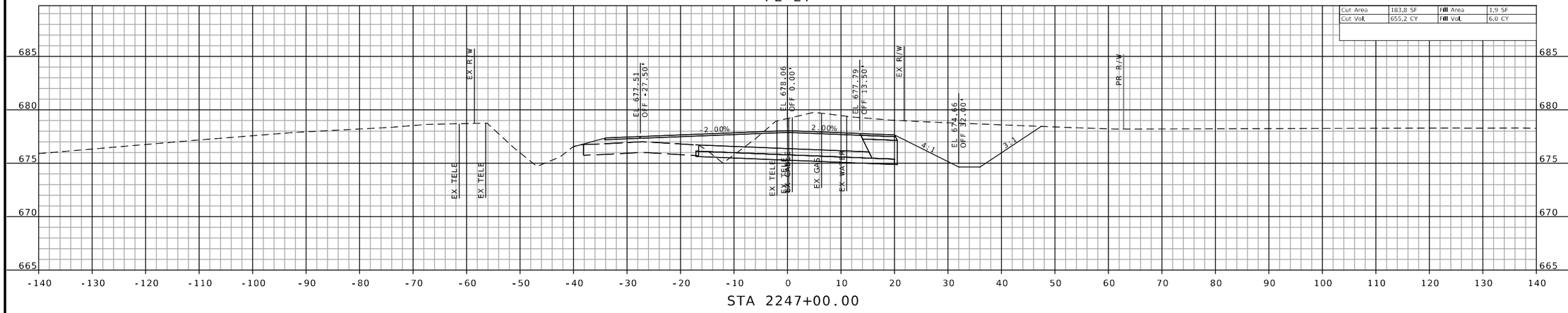
MISSOURI DESIGN FIRM PE-001166



STA 2249+07.45
FE RT



STA 2248+00.00
PE LT



STA 2247+00.00

CROSS SECTIONS SHEETS
SHEET 104 OF 160

H:\P\222102 - Route 47 Pavement, Safety, and Shoulder Improvements\CADD\Microstation\CADD Drawings\Testing\JNE0003 - sht-xsec-002.dgn 2:05:44 PM 8/26/2025

STATE OF MISSOURI
JEFFREY R. RENSING
NUMBER PE-2006012376
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
8/26/2025

ROUTE	STATE
47	MO
DISTRICT	SHEET NO.
NE	104

COUNTY
LINCOLN

JOB NO.
JNE0003

CONTRACT ID.
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PROJECT NO.
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BRIDGE NO.
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DESCRIPTION	DATE
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IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

OATES ASSOCIATES

Collinsville
100 Lanter Court, Suite 1
Collinsville, IL 62234
618.345.2200

Belleville
1 South Church, Suite 200
Belleville, IL 62220
618.416.4858

St. Louis
720 Olive, Suite 700
St. Louis, MO 63101
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St. Charles
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MISSOURI DESIGN FIRM PE-001166

CROSS SECTIONS SHEETS
SHEET 105 OF 160

H:\P\222102 - Route 47 Pavement, Safety, and Shoulder Improvements\CADD\Microstation\CADD Drawings\Testing\JNE0003 - sht-xsec-003.dgn 2:10:50 PM 8/26/2025

STATE OF MISSOURI
JEFFREY R. RENSING
NUMBER PE-2006012376
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED 8/26/2025

ROUTE	STATE
47	MO
DISTRICT	SHEET NO.
NE	105

COUNTY: LINCOLN
JOB NO.: JNE0003
CONTRACT ID.: .
PROJECT NO.: .
BRIDGE NO.: .

DESCRIPTION	DATE
.	.

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

OATES ASSOCIATES

Collinsville
100 Lantzer Court, Suite 1
Collinsville, IL 62234
618.345.2200

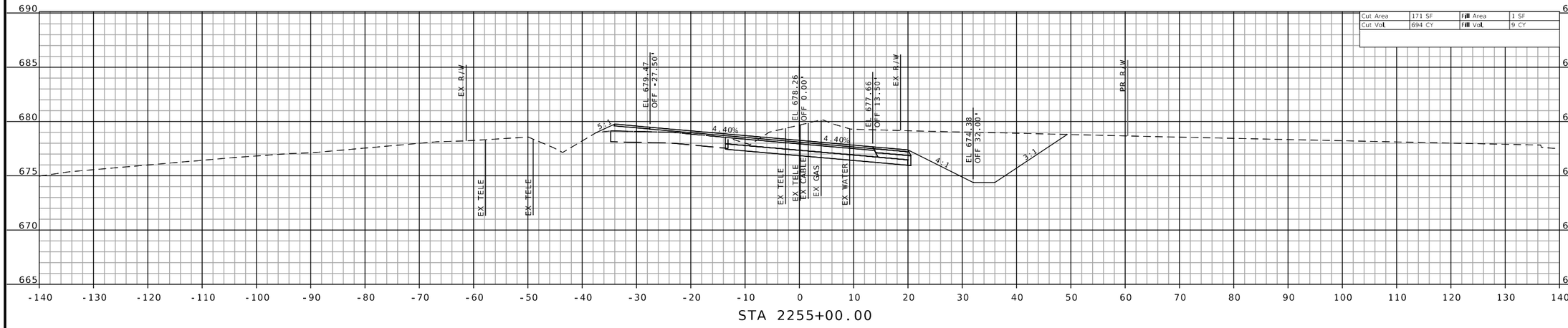
Belleville
1 South Church, Suite 200
Belleville, IL 62220
618.416.4888

St. Louis
720 Olive, Suite 700
St. Louis, MO 63101
314.288.8381

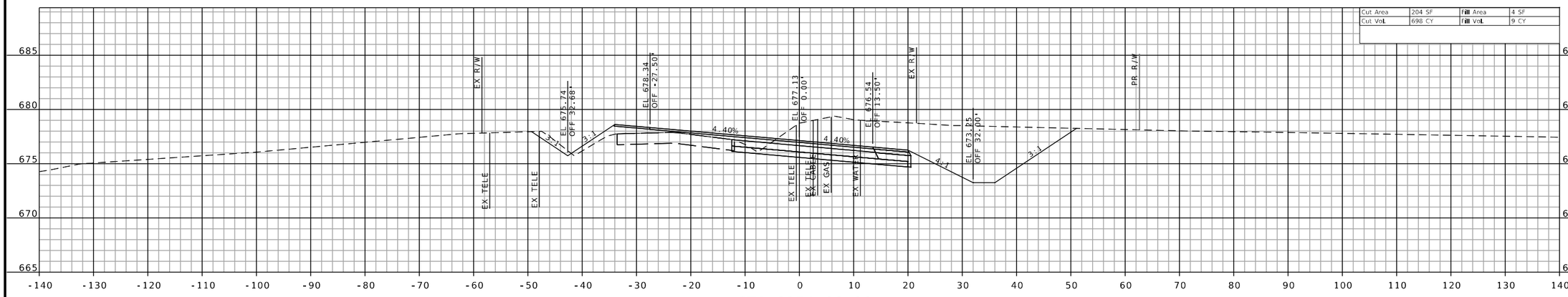
St. Charles
820 South Main, Suite 309
St. Charles, MO 63301
636.493.6277

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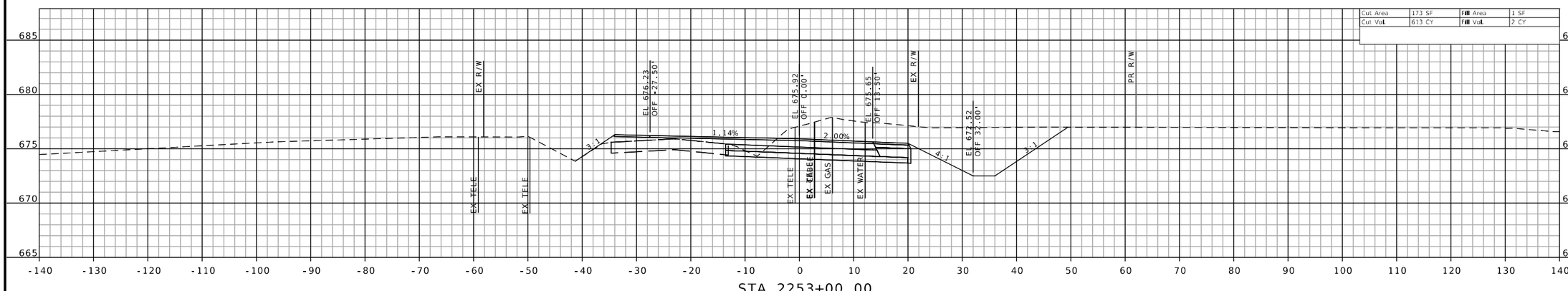
MISSOURI DESIGN FIRM PE-001166



STA 2255+00.00



STA 2254+00.00



STA 2253+00.00

CROSS SECTIONS SHEETS
SHEET 106 OF 160

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STATE OF MISSOURI
JEFFREY R. RENSING
NUMBER PE-2006012376
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
8/26/2025

ROUTE	STATE
47	MO
DISTRICT	SHEET NO.
NE	106

COUNTY
LINCOLN

JOB NO.
JNE0003

CONTRACT ID.
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PROJECT NO.
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BRIDGE NO.
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DESCRIPTION	DATE
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IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

MoDOT

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

OATES ASSOCIATES

Collinsville
100 Lamter Court, Suite 1
Collinsville, IL 62234
618.345.2200

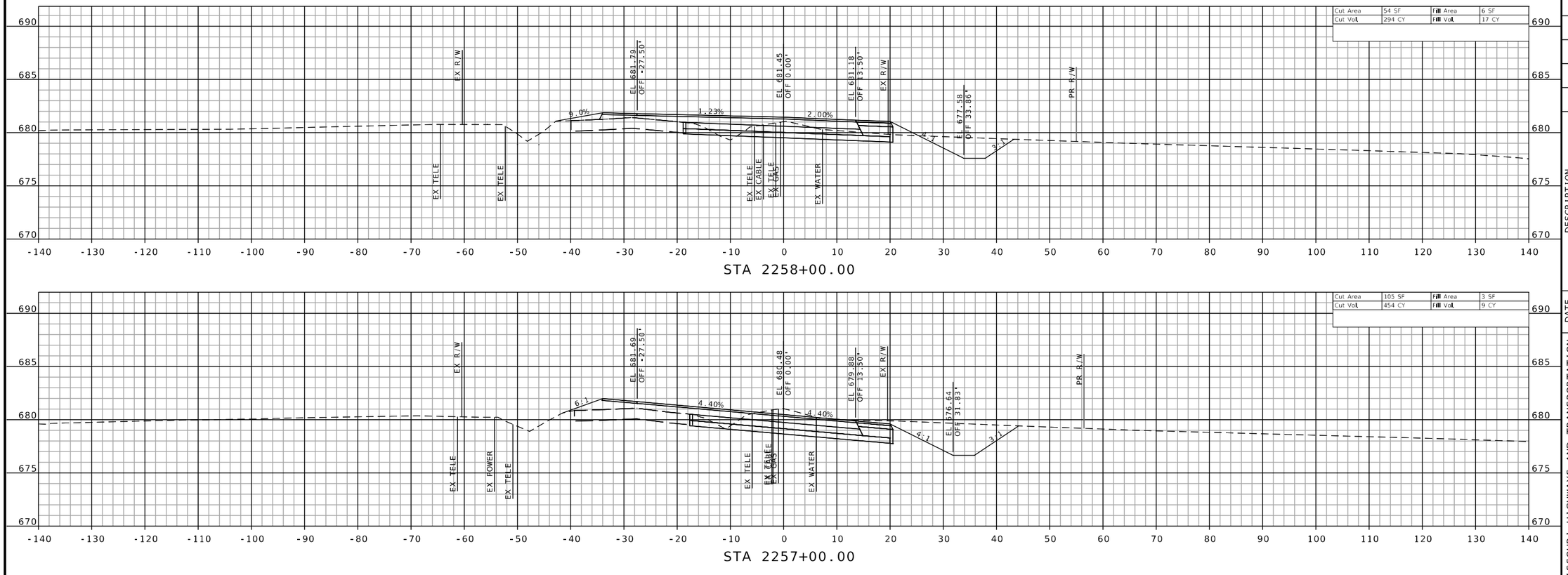
Belleville
1 South Church, Suite 200
Belleville, IL 62220
618.416.4888

St. Louis
720 Olive, Suite 700
St. Louis, MO 63101
314.288.8381

St. Charles
820 South Main, Suite 309
St. Charles, MO 63301
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MISSOURI DESIGN FIRM PE-001166



CROSS SECTIONS SHEETS
SHEET 107 OF 160

STATE OF MISSOURI
JEFFREY R. RENSING
NUMBER PE-2006012376
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
8/26/2025

ROUTE	STATE
47	MO
DISTRICT	SHEET NO.
NE	107

COUNTY
LINCOLN

JOB NO.
JNE0003

CONTRACT ID.
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PROJECT NO.
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BRIDGE NO.
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DESCRIPTION	DATE
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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

OATES ASSOCIATES

Collinsville
100 Lamper Court, Suite 1
Collinsville, IL 62234
618.345.2200

Belleville
1 South Church, Suite 200
Belleville, IL 62220
618.416.6688

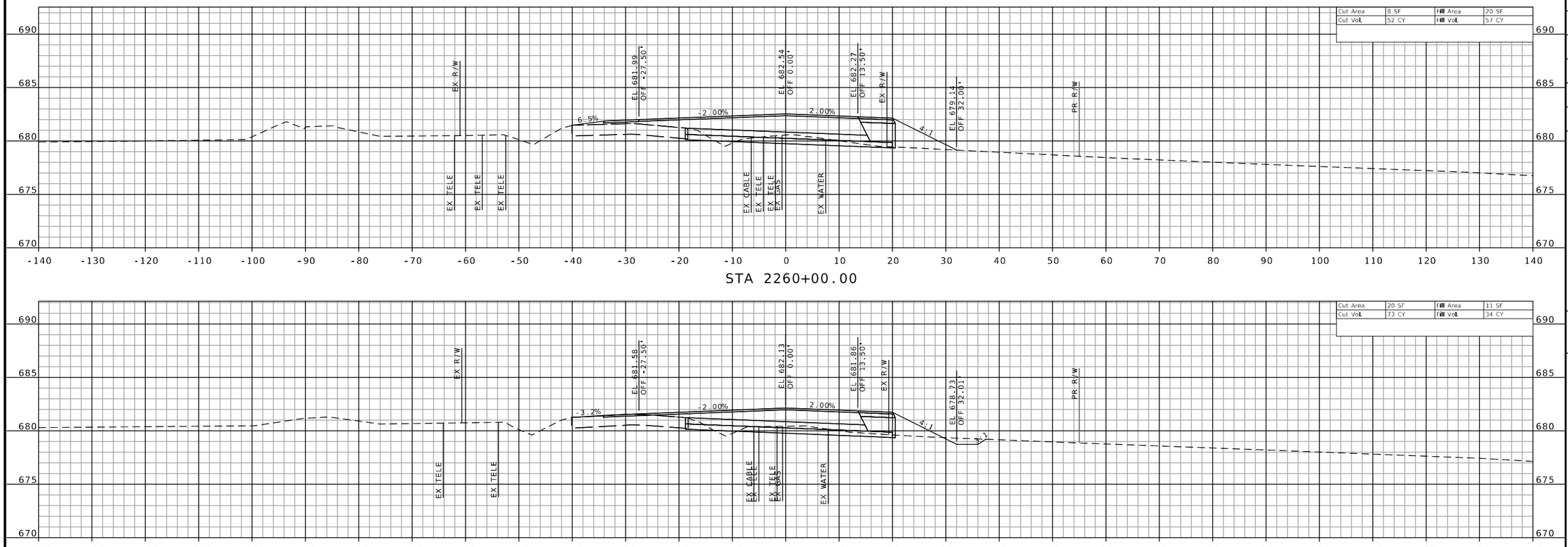
St. Louis
720 Olive, Suite 700
St. Louis, MO 63101
314.588.8881

St. Charles
820 South Main, Suite 309
St. Charles, MO 63301
636.493.6277

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MISSOURI DESIGN FIRM PE-001166

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CROSS SECTIONS SHEETS
SHEET 108 OF 160

STATE OF MISSOURI
JEFFREY R. RENSING
NUMBER PE-2006012376
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
8/26/2025

ROUTE	STATE
47	MO
DISTRICT	SHEET NO.
NE	108

COUNTY
LINCOLN

JOB NO.
JNE0003

CONTRACT ID.
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PROJECT NO.
.

BRIDGE NO.
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DESCRIPTION	DATE
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IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

OATES ASSOCIATES

St. Louis
720 Olive, Suite 700
St. Louis, MO 63101
314.588.8381

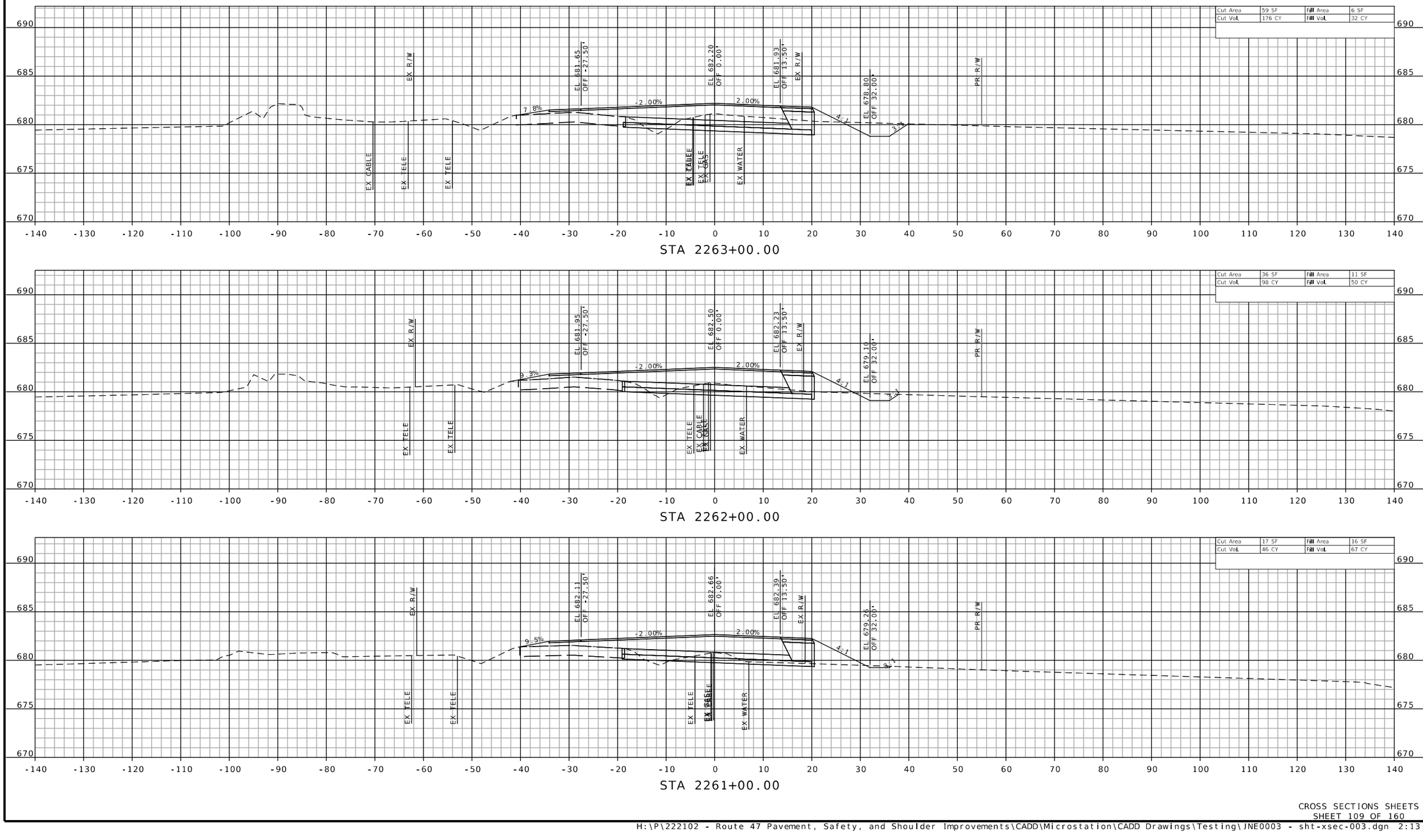
St. Charles
820 South Main, Suite 309
St. Charles, MO 63301
636.493.6277

Collinsville
100 Lanter Court, Suite 1
Collinsville, IL 62234
618.345.2000

Belleville
1 South Church, Suite 200
Belleville, IL 62220
618.416.4888

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MISSOURI DESIGN FIRM PE-001166



CROSS SECTIONS SHEETS
SHEET 109 OF 160

STATE OF MISSOURI
JEFFREY R. RENSING
NUMBER PE-2006012376
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
8/26/2025

ROUTE	STATE
47	MO
DISTRICT	SHEET NO.
NE	109

COUNTY
LINCOLN

JOB NO.
JNE0003

CONTRACT ID.
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PROJECT NO.
.

BRIDGE NO.
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DATE	DESCRIPTION
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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

OATES ASSOCIATES

Collinsville
101 Lester Court, Suite 1
Collinsville, IL 62234
618.345.2300

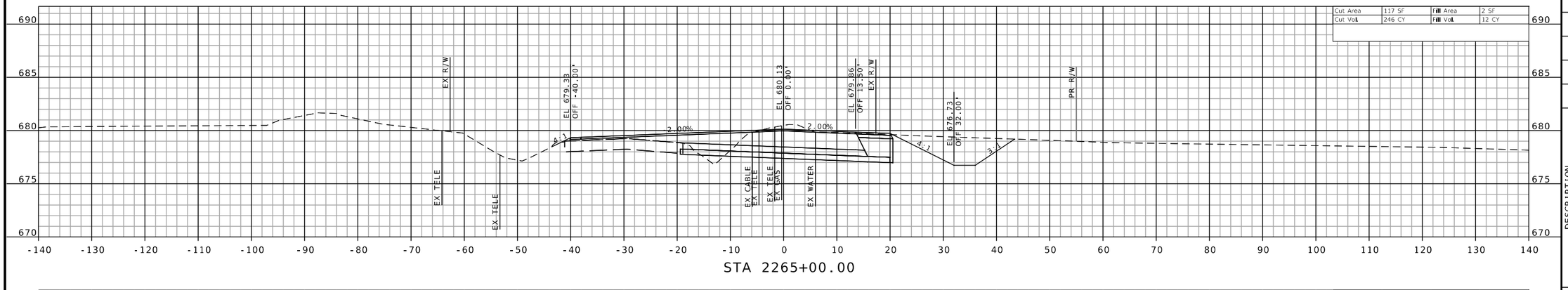
Belleville
1 South Church, Suite 200
Belleville, IL 62220
618.416.6688

St. Louis
720 Olive, Suite 700
St. Louis, MO 63101
314.588.8381

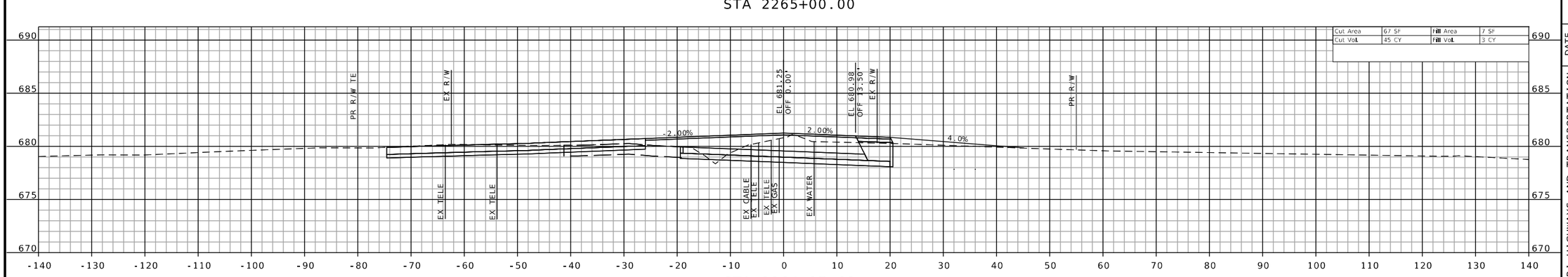
St. Charles
820 South Main, Suite 309
St. Charles, MO 63301
636.493.8277

www.oatesassociates.com

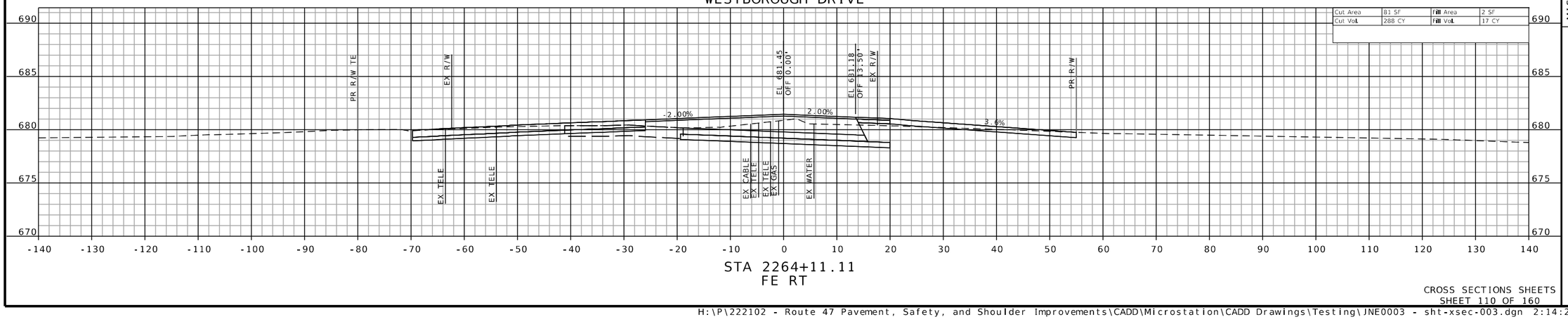
MISSOURI DESIGN FIRM PE-001166



STA 2265+00.00



STA 2264+27.68
WESTBOROUGH DRIVE



STA 2264+11.11
FE RT

CROSS SECTIONS SHEETS
SHEET 110 OF 160

STATE OF MISSOURI
JEFFREY R. RENSING
NUMBER PE-2006012376
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
8/26/2025

ROUTE	STATE
47	MO
DISTRICT	SHEET NO.
NE	110

COUNTY
LINCOLN

JOB NO.
JNE0003

CONTRACT ID.
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PROJECT NO.
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BRIDGE NO.
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DESCRIPTION	DATE
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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

OATES ASSOCIATES

Collinsville
100 Lamper Court, Suite 1
Collinsville, IL 62234
618-343-2200

Belleville
1 South Church, Suite 200
Belleville, IL 62220
618-416-4488

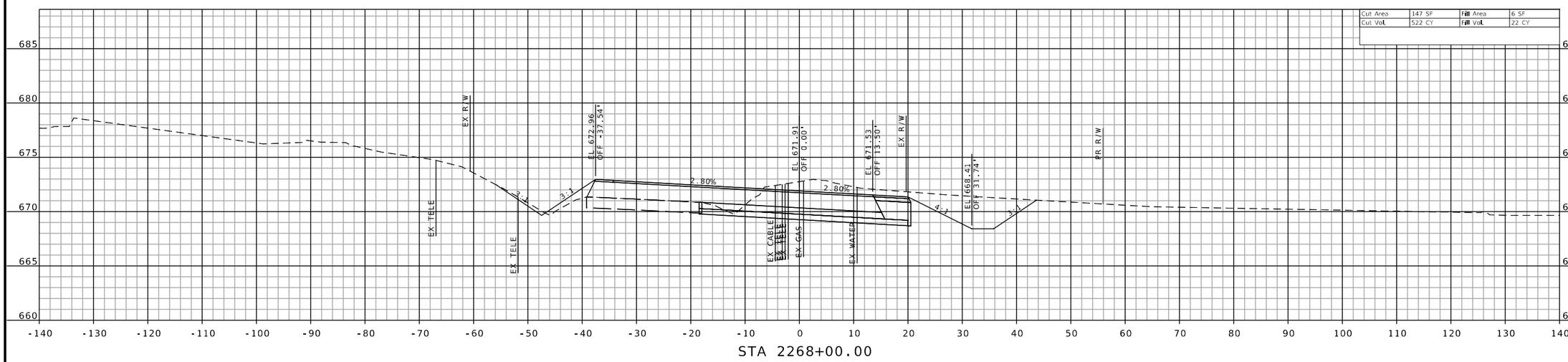
St. Louis
720 Olive, Suite 700
St. Louis, MO 63101
314-588-8381

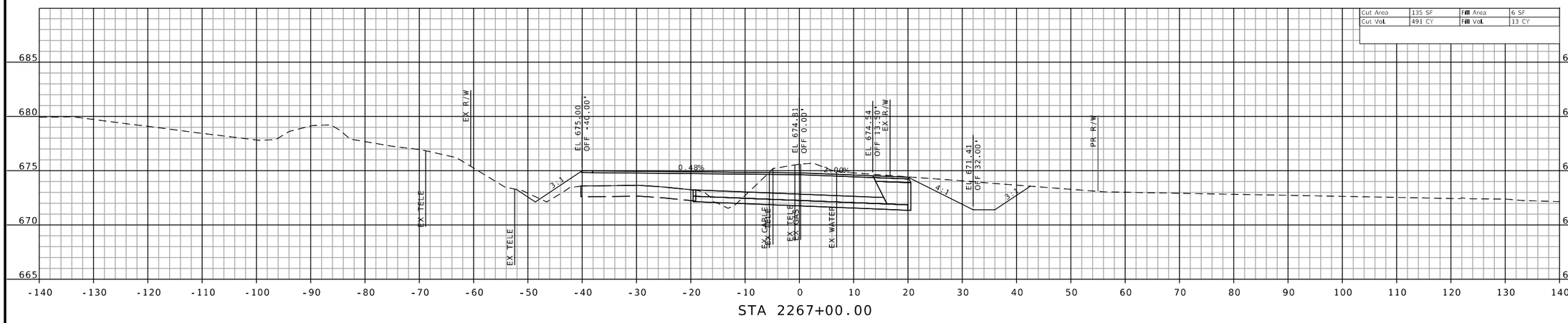
St. Charles
820 South Main, Suite 309
St. Charles, MO 63301
636-493-5277

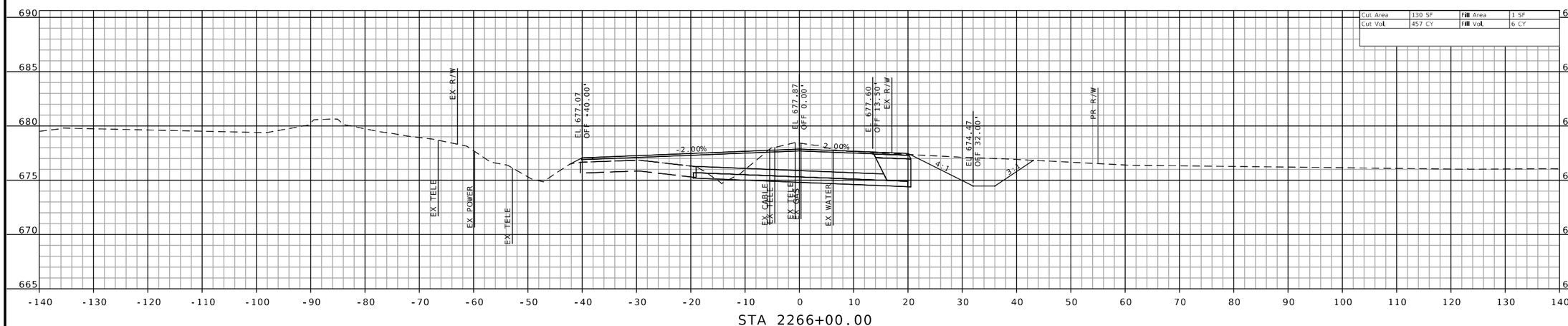
www.oatesassociates.com

MISSOURI DESIGN FIRM PE-001166

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CROSS SECTIONS SHEETS
SHEET 111 OF 160

STATE OF MISSOURI
JEFFREY R. RENSING
NUMBER PE-2006012376
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
8/26/2025

ROUTE	STATE
47	MO
DISTRICT	SHEET NO.
NE	111

COUNTY
LINCOLN

JOB NO.
JNE0003

CONTRACT ID.
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PROJECT NO.
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BRIDGE NO.
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DESCRIPTION	DATE
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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

OATES ASSOCIATES

Collinsville
100 Lanzer Court, Suite 1
Collinsville, IL 62234
618.345.2300

Belleville
1 South Church, Suite 200
Belleville, IL 62220
618.416.4688

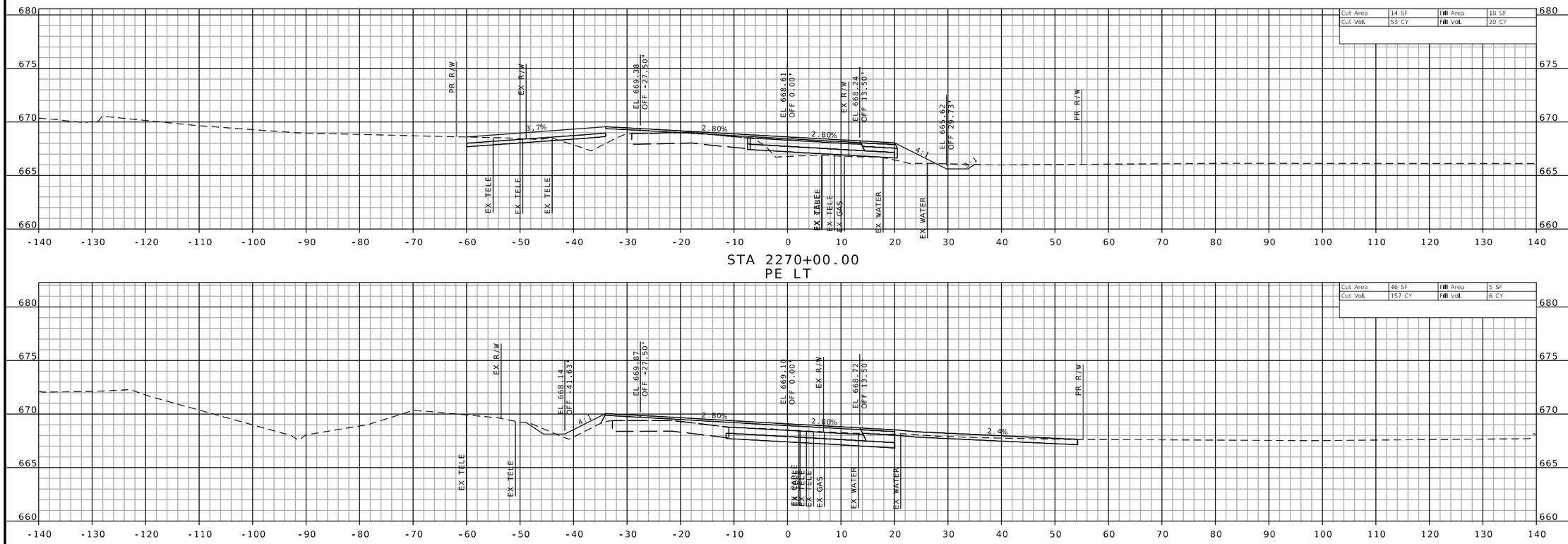
St. Louis
720 Olive, Suite 700
St. Louis, MO 63101
314.588.8881

St. Charles
820 South Main, Suite 309
St. Charles, MO 63301
636.493.6277

www.oatesassociates.com

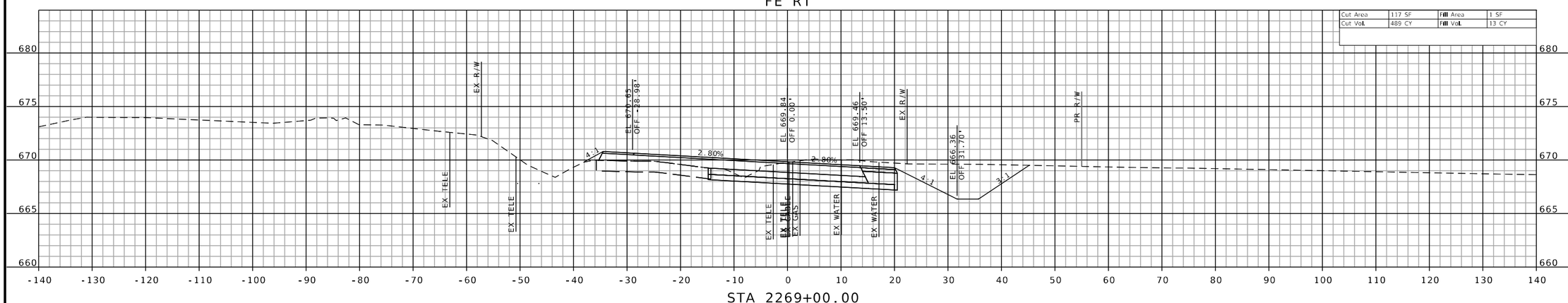
MISSOURI DESIGN FIRM PE-001166

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.



STA 2270+00.00
PE LT

STA 2269+52.03
FE RT



STA 2269+00.00

CROSS SECTIONS SHEETS
SHEET 112 OF 160

STATE OF MISSOURI
JEFFREY R. RENSING
NUMBER PE-2006012376
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
8/26/2025

ROUTE	STATE
47	MO
DISTRICT	SHEET NO.
NE	112

COUNTY
LINCOLN

JOB NO.
JNE0003

CONTRACT ID.
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PROJECT NO.
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BRIDGE NO.
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DATE	DESCRIPTION
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IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

OATES ASSOCIATES

Collinsville
100 Lamper Court, Suite 1
Collinsville, IL 62234
618-343-2200

Belleville
1 South Church, Suite 200
Belleville, IL 62220
618-416-4688

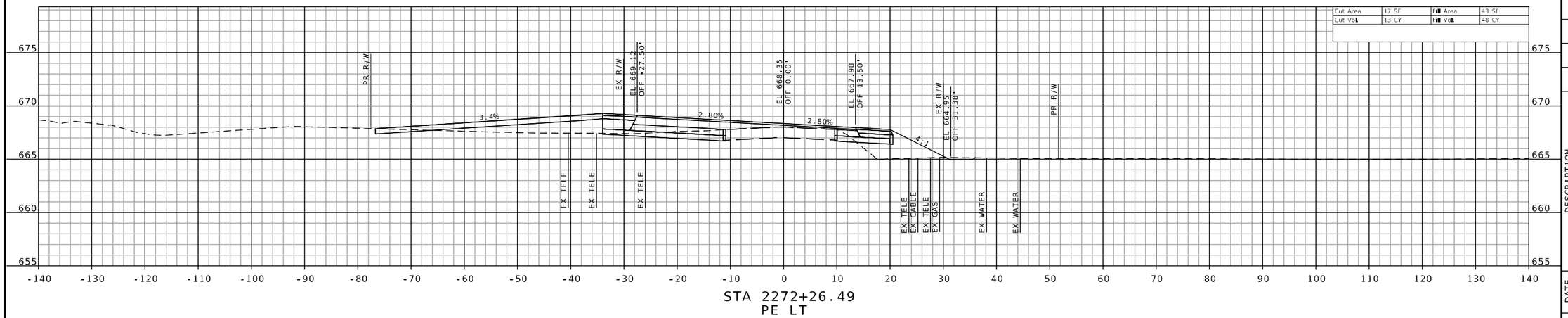
St. Louis
720 Olive, Suite 700
St. Louis, MO 63101
314-588-8381

St. Charles
820 South Main, Suite 309
St. Charles, MO 63301
636-493-5277

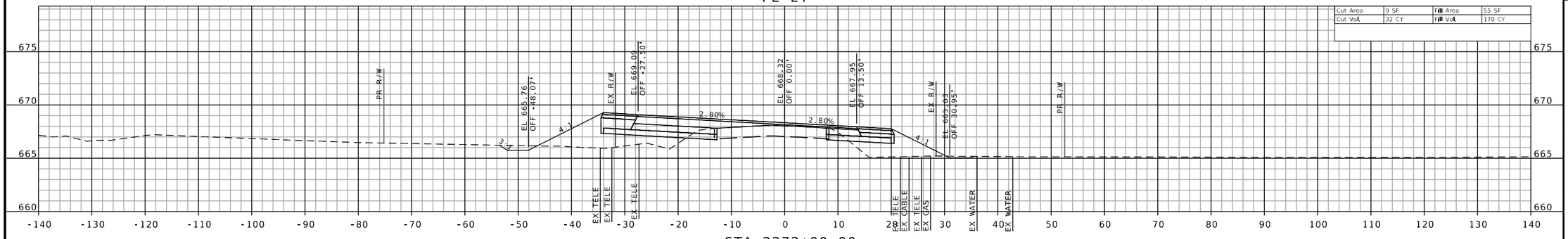
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MISSOURI DESIGN FIRM PE-001166

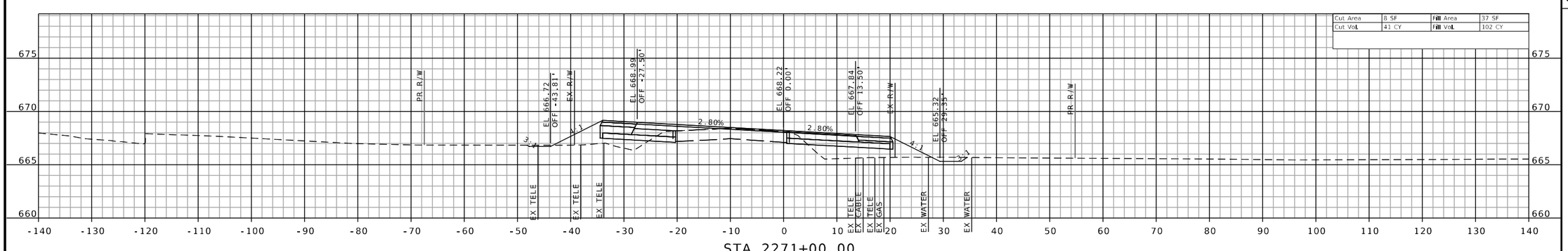
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STA 2272+26.49
PE LT



STA 2272+00.00



STA 2271+00.00

CROSS SECTIONS SHEETS
SHEET 113 OF 160

H:\P\222102 - Route 47 Pavement, Safety, and Shoulder Improvements\CADD\Microstation\CADD Drawings\Testing\JNE0003 - sht-xsec-003.dgn 2:16:36 PM 8/26/2025

STATE OF MISSOURI
JEFFREY R. RENSING
NUMBER PE-2006012376
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
8/26/2025

ROUTE	STATE
47	MO
DISTRICT	SHEET NO.
NE	113

COUNTY
LINCOLN

JOB NO.
JNE0003

CONTRACT ID.
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PROJECT NO.
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BRIDGE NO.
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DATE	DESCRIPTION
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IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

OATES ASSOCIATES

Collinsville
100 Lanter Court, Suite 1
Collinsville, IL 62234
618.345.2200

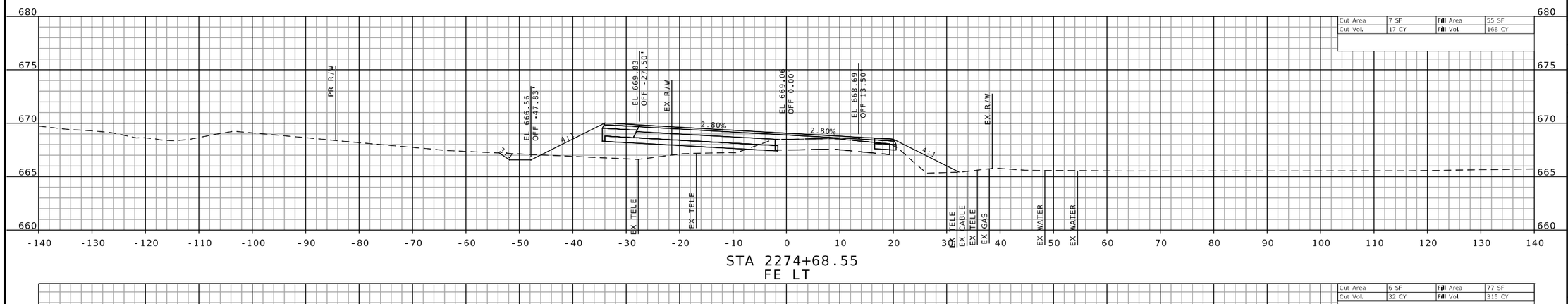
Belleville
1 South Church, Suite 200
Belleville, IL 62220
618.416.4858

St. Louis
720 Olive, Suite 700
St. Louis, MO 63101
314.288.8381

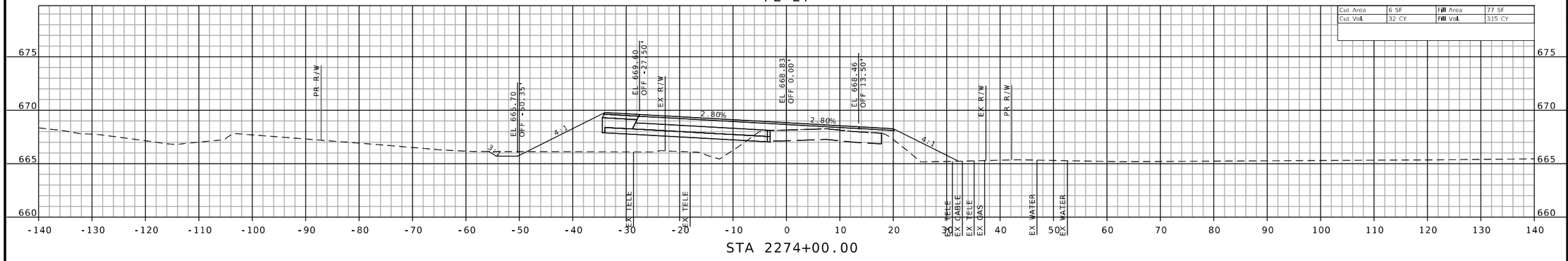
St. Charles
820 South Main, Suite 309
St. Charles, MO 63301
636.493.6277

www.oatesassociates.com

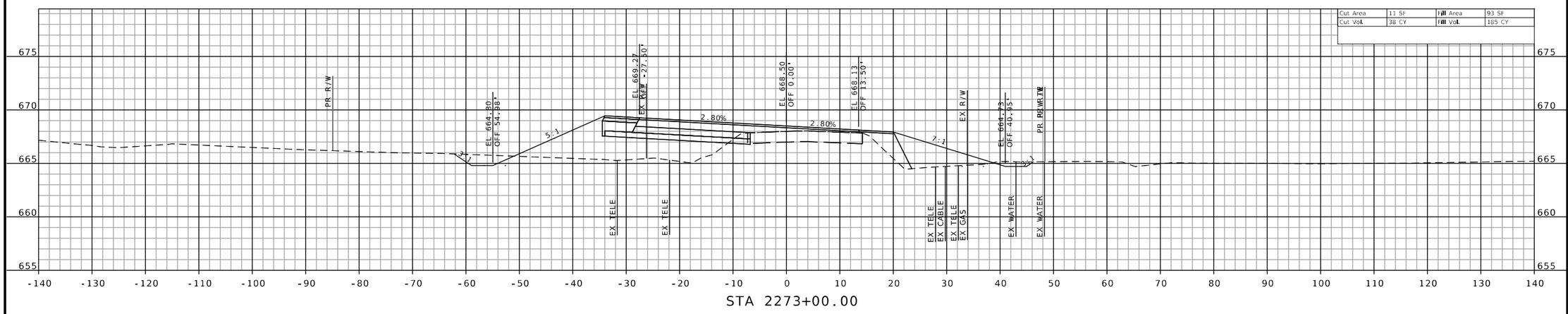
MISSOURI DESIGN FIRM PE-001166



STA 2274+68.55
FE LT



STA 2274+00.00



STA 2273+00.00

CROSS SECTIONS SHEETS
SHEET 114 OF 160

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
8/26/2025

ROUTE	STATE
47	MO
DISTRICT	SHEET NO.
NE	114

COUNTY
LINCOLN

JOB NO.
JNE0003

CONTRACT ID.
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PROJECT NO.
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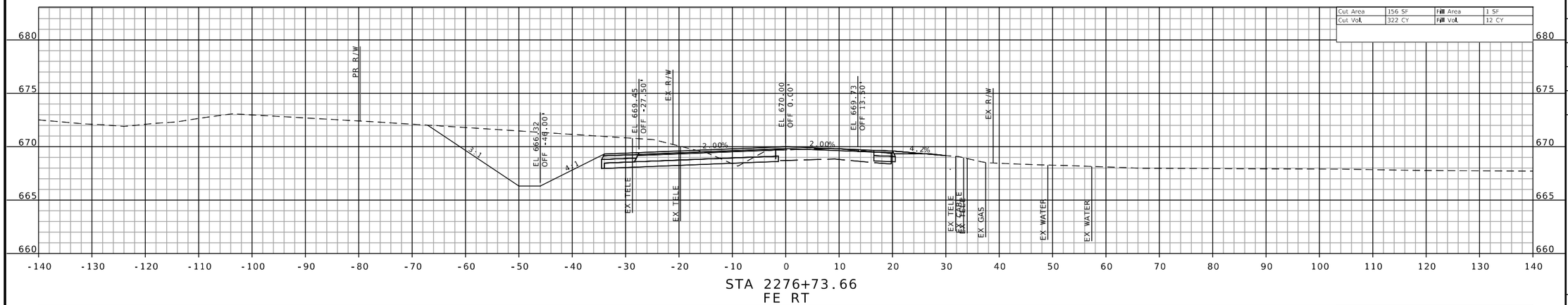
BRIDGE NO.
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DESCRIPTION	DATE
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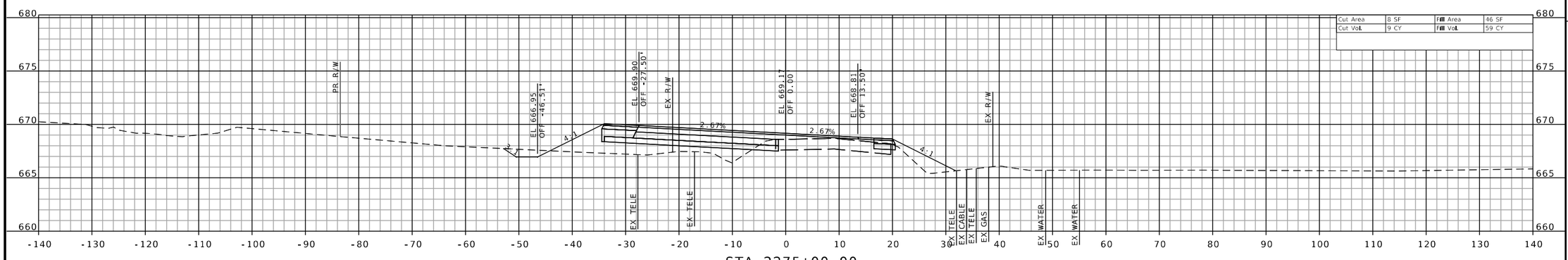
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

OATES ASSOCIATES
MISSOURI DESIGN FIRM PE-001166
St. Louis
720 Olive, Suite 700
St. Louis, MO 63101
314.588.8381
St. Charles
805 South Main, Suite 309
St. Charles, MO 63301
636.493.6277
Collinsville
100 Lenter Court, Suite 1
Collinsville, IL 62234
618.345.2000
Belleville
1 South Church, Suite 200
Belleville, IL 62220
618.416.4858
www.oatesassociates.com



STA 2276+73.66
FE RT

STA 2276+00.00



STA 2275+00.00

CROSS SECTIONS SHEETS
SHEET 115 OF 160

H:\P\222102 - Route 47 Pavement, Safety, and Shoulder Improvements\CADD\Microstation\CADD Drawings\Testing\JNE0003 - sht-xsec-003.dgn 2:17:58 PM 8/26/2025

STATE OF MISSOURI
JEFFREY R. RENSING
NUMBER PE-2006012376
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
8/26/2025

ROUTE	STATE
47	MO
DISTRICT	SHEET NO.
NE	115

COUNTY
LINCOLN

JOB NO.
JNE0003

CONTRACT ID.
.

PROJECT NO.
.

BRIDGE NO.
.

DATE	DESCRIPTION
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IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

OATES ASSOCIATES
MISSOURI DESIGN FIRM PE-001166

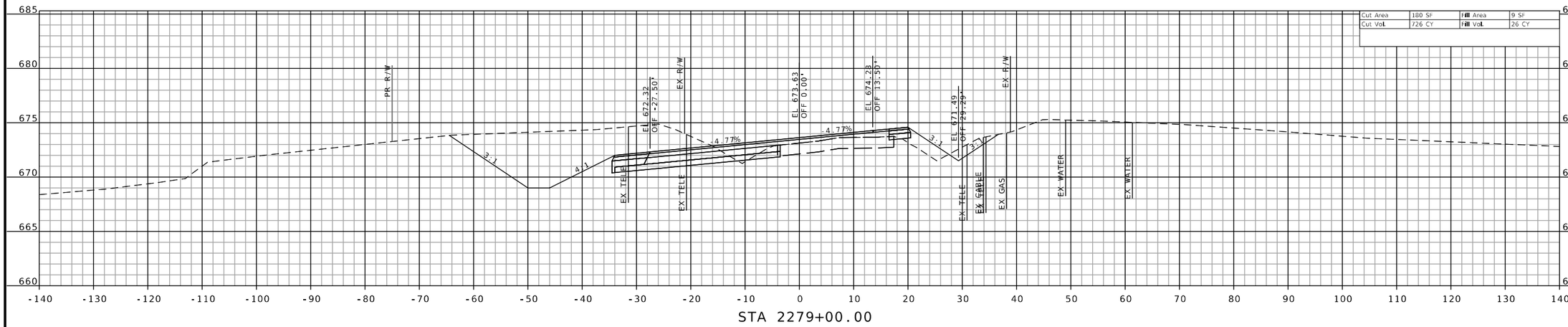
Collinsville
100 Lamper Court, Suite 1
Collinsville, IL 62234
618-345-2200

Belleville
1 South Church, Suite 200
Belleville, IL 62220
618-416-6688

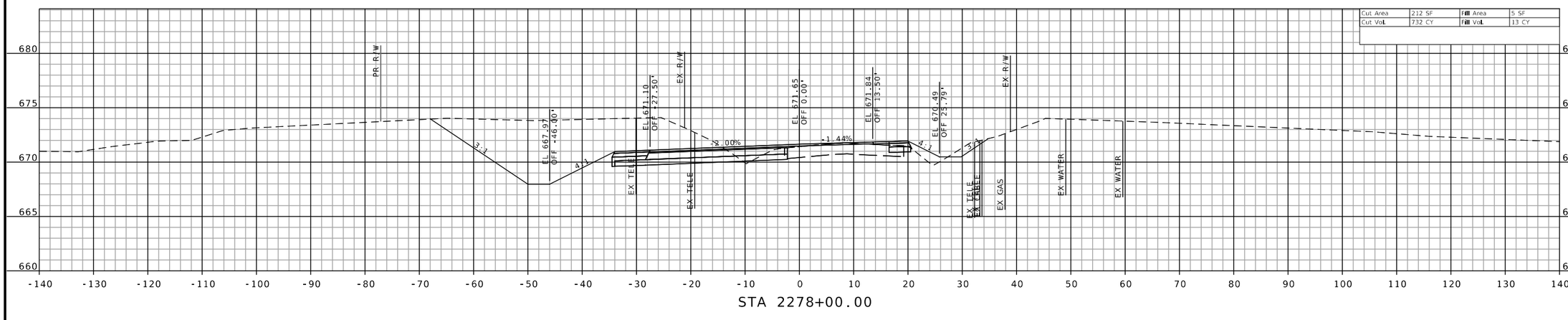
St. Louis
720 Olive, Suite 700
St. Louis, MO 63101
314.588.8881

St. Charles
820 South Main, Suite 309
St. Charles, MO 63301
636.493.6277

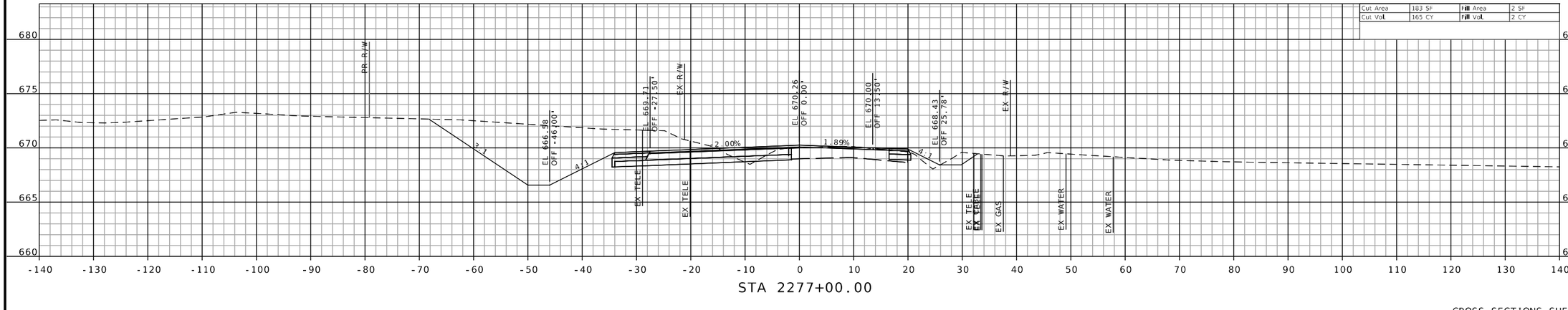
www.oatesassociates.com



STA 2279+00.00



STA 2278+00.00



STA 2277+00.00

CROSS SECTIONS SHEETS
SHEET 116 OF 160

STATE OF MISSOURI
JEFFREY R. RENSING
NUMBER PE-2006012376
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED 8/26/2025

ROUTE	STATE
47	MO
DISTRICT	SHEET NO.
NE	116

COUNTY: LINCOLN
JOB NO.: JNE0003
CONTRACT ID.:
PROJECT NO.:
BRIDGE NO.:

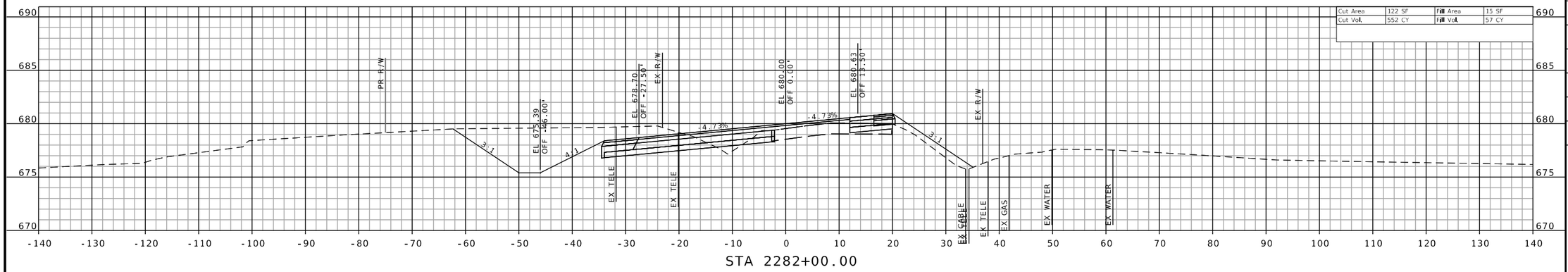
DESCRIPTION	DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

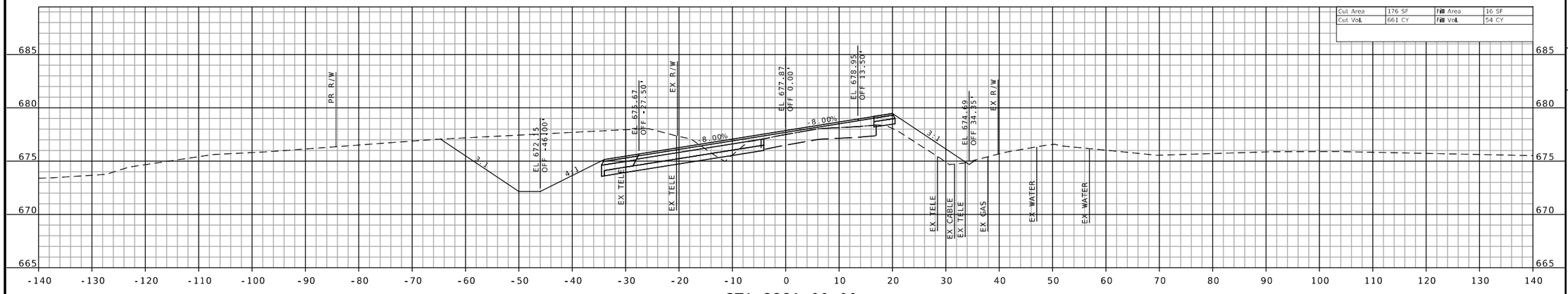
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

OATES ASSOCIATES
MISSOURI DESIGN FIRM PE-001166
Collinsville: 100 Lamper Court, Suite 1, Collinsville, IL 62234, 618-345-2200
St. Louis: 720 Olive, Suite 700, St. Louis, MO 63101, 314.588.8881
Belleville: 1 South Church, Suite 200, Belleville, IL 62220, 618-416-6688
St. Charles: 820 South Main, Suite 309, St. Charles, MO 63301, 636.493.6277
www.oatesassociates.com

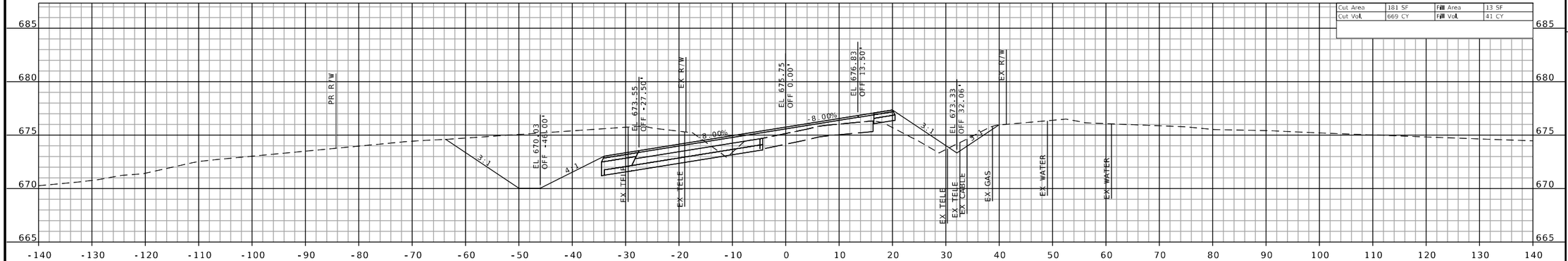
PHASE 2-1 EARTHWORK - STATION 2227+00 TO 2282+00
CUT VOLUME 22,104 CY
FILL VOLUME 4,179 CY



STA 2282+00.00



STA 2281+00.00



STA 2280+00.00

CROSS SECTIONS SHEETS
SHEET 117 OF 160

STATE OF MISSOURI
JEFFREY R. RENSING
NUMBER PE-2006012376
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED 8/26/2025
ROUTE 47 | STATE MO
DISTRICT NE | SHEET NO. 117
COUNTY LINCOLN
JOB NO. JNE0003
CONTRACT ID. .
PROJECT NO. .
BRIDGE NO. .

DESCRIPTION
DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

OATES ASSOCIATES
MISSOURI DESIGN FIRM PE-001166

Collinsville
100 Lamer Court, Suite 1
Collinsville, IL 62234
618.345.2000

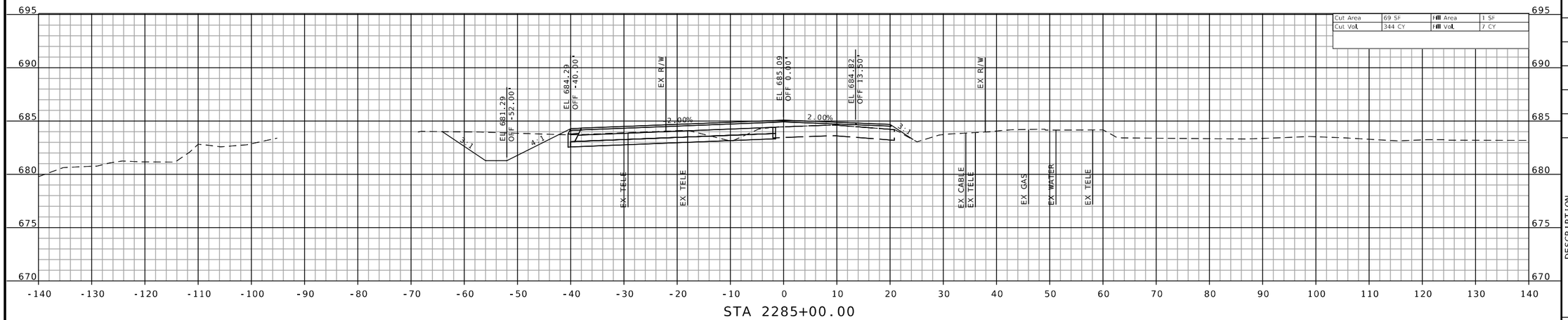
Belleville
1 South Church, Suite 200
Belleville, IL 62220
618.416.4588

St. Louis
720 Olive, Suite 700
St. Louis, MO 63101
314.588.8881

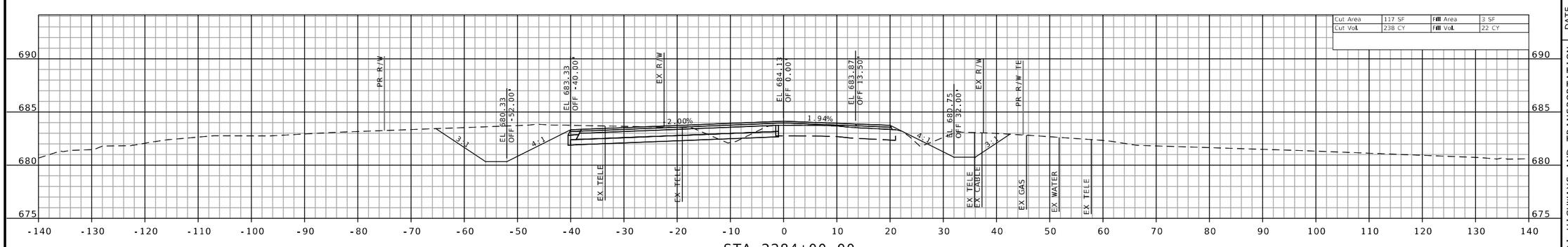
St. Charles
820 South Main, Suite 309
St. Charles, MO 63301
636.493.6277

www.oatesassociates.com

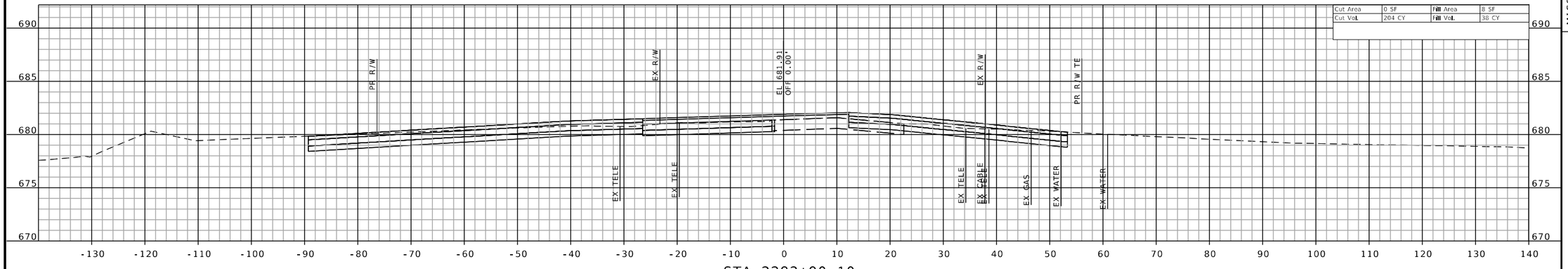
IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.



STA 2285+00.00



STA 2284+00.00



STA 2282+90.10
MOORE SCHOOL ROAD SKEW -11°1'18"

CROSS SECTIONS SHEETS
SHEET 118 OF 160

H:\P\222102 - Route 47 Pavement, Safety, and Shoulder Improvements\CADD\Microstation\CADD Drawings\Testing\JNE0003 - sht-xsec-003.dgn 2:20:00 PM 8/26/2025

STATE OF MISSOURI
JEFFREY R. RENSING
NUMBER PE-2006012376
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
8/26/2025

ROUTE	STATE
47	MO
DISTRICT	SHEET NO.
NE	118

COUNTY
LINCOLN

JOB NO.
JNE0003

CONTRACT ID.
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PROJECT NO.
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BRIDGE NO.
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DESCRIPTION	DATE
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IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

OATES ASSOCIATES

Collinsville
100 Lamper Court, Suite 1
Collinsville, IL 62234
618-343-2200

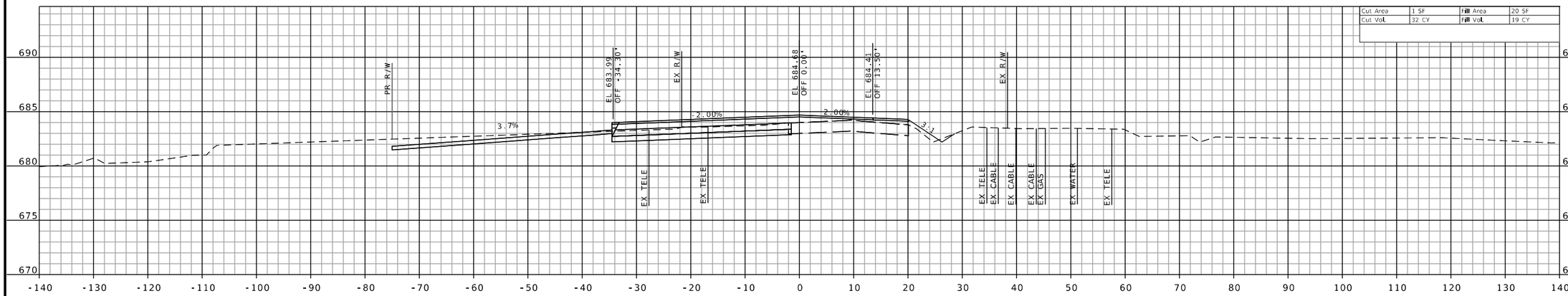
St. Louis
720 Olive, Suite 700
St. Louis, MO 63101
314-588-8181

Belleville
1 South Church, Suite 200
Belleville, IL 62220
618-416-4488

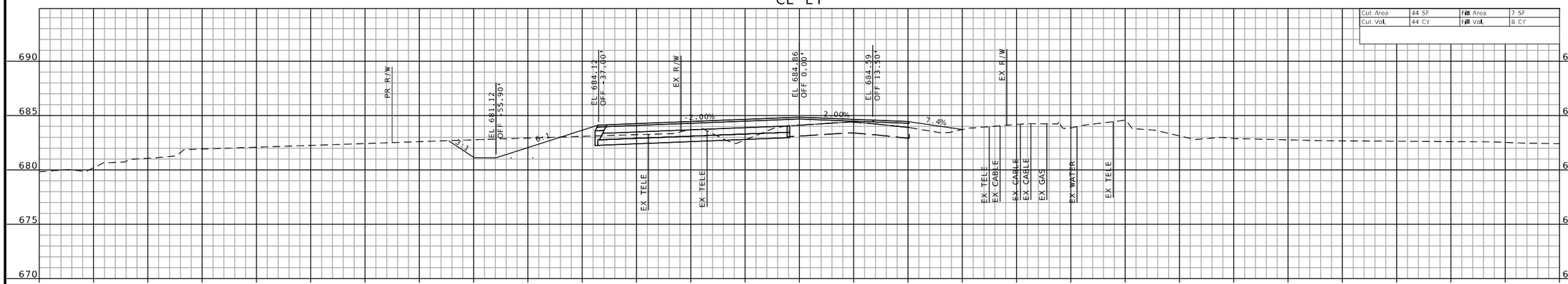
St. Charles
820 South Main, Suite 309
St. Charles, MO 63301
636-493-5277

www.oatesassociates.com

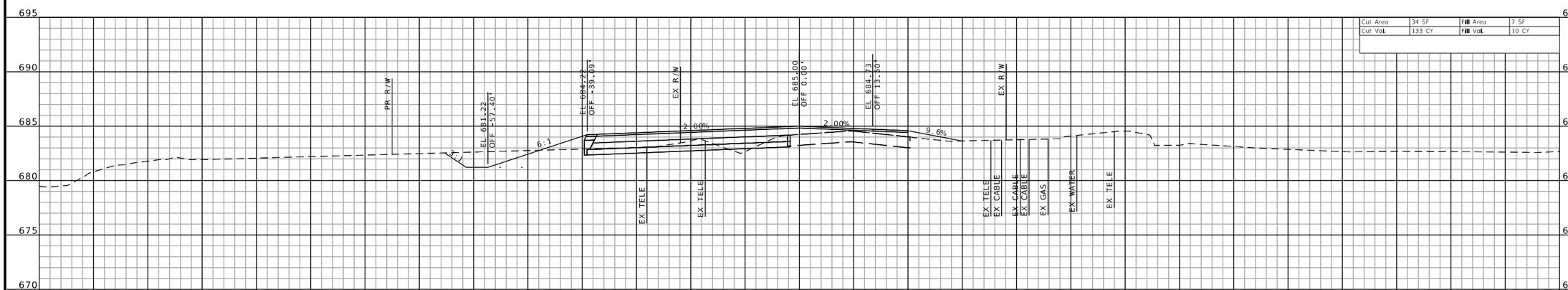
MISSOURI DESIGN FIRM PE-001166



STA 2286+38.85
CE LT



STA 2286+00.00



STA 2285+69.79
CE RT

CROSS SECTIONS SHEETS
SHEET 119 OF 160

STATE OF MISSOURI
JEFFREY R. RENSING
NUMBER PE-2006012376
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
8/26/2025

ROUTE	STATE
47	MO
DISTRICT	SHEET NO.
NE	119

COUNTY
LINCOLN

JOB NO.
JNE0003

CONTRACT ID.
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PROJECT NO.
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BRIDGE NO.
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DESCRIPTION	DATE
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IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

OATES ASSOCIATES

Collinsville
100 Lamer Court, Suite 1
Collinsville, IL 62234
618.345.2200

Belleville
1 South Church, Suite 200
Belleville, IL 62220
618.416.4488

St. Louis
720 Olive, Suite 700
St. Louis, MO 63101
314.588.8381

St. Charles
820 South Main, Suite 309
St. Charles, MO 63301
636.493.6277

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MISSOURI DESIGN FIRM PE-001166

CROSS SECTIONS SHEETS
SHEET 120 OF 160

STATE OF MISSOURI
JEFFREY R. RENSING
NUMBER PE-2006012376
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
8/26/2025

ROUTE	STATE
47	MO
DISTRICT	SHEET NO.
NE	120

COUNTY
LINCOLN

JOB NO.
JNE0003

CONTRACT ID.
.

PROJECT NO.
.

BRIDGE NO.
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DATE	DESCRIPTION
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IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

OATES ASSOCIATES

Collinsville
100 Lamer Court, Suite 1
Collinsville, IL 62234
618.345.2200

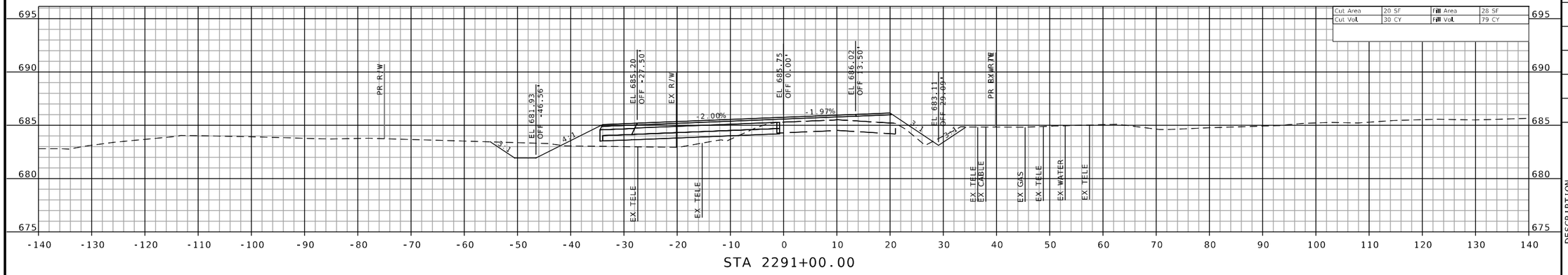
Belleville
1 South Church, Suite 200
Belleville, IL 62220
618.416.4488

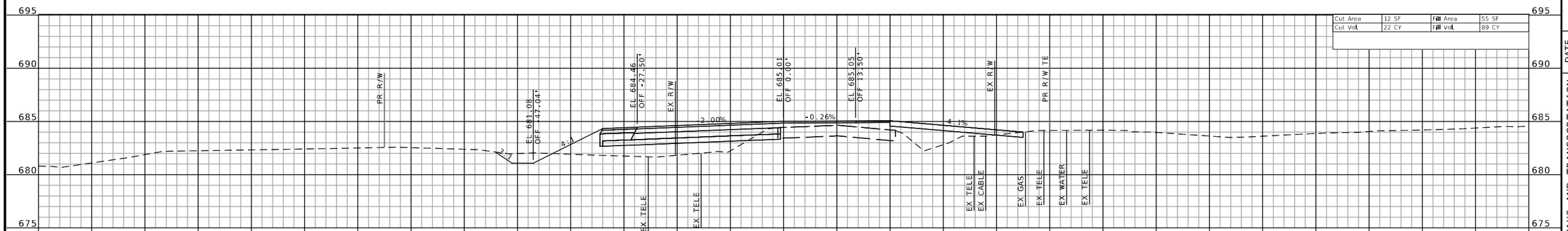
St. Louis
720 Olive, Suite 700
St. Louis, MO 63101
314.588.8381

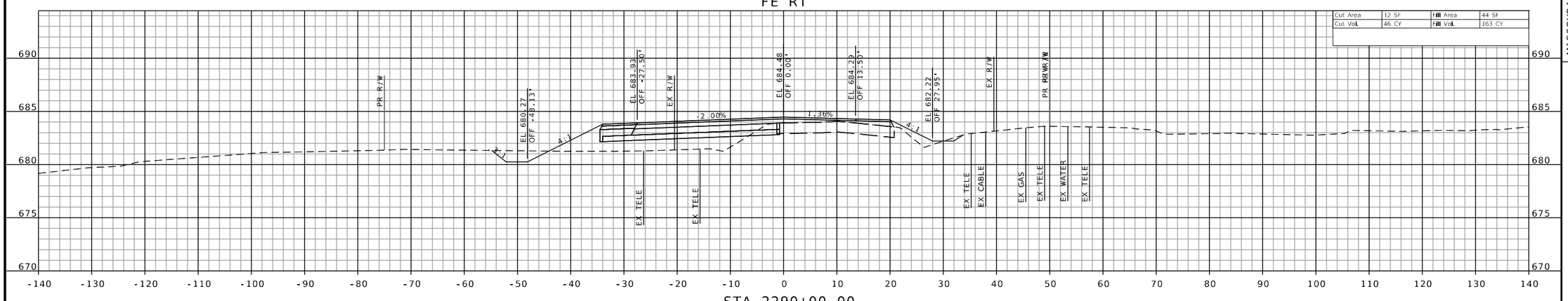
St. Charles
820 South Main, Suite 309
St. Charles, MO 63301
636.493.6277

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MISSOURI DESIGN FIRM PE-001166







CROSS SECTIONS SHEETS
SHEET 121 OF 160

STATE OF MISSOURI
JEFFREY R. RENSING
NUMBER PE-2006012376
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
8/26/2025

ROUTE	STATE
47	MO
DISTRICT	SHEET NO.
NE	121

COUNTY
LINCOLN

JOB NO.
JNE0003

CONTRACT ID.
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PROJECT NO.
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BRIDGE NO.
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DESCRIPTION

DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

OATES ASSOCIATES

Collinsville
100 Lamer Court, Suite 1
Collinsville, IL 62234
618.345.2200

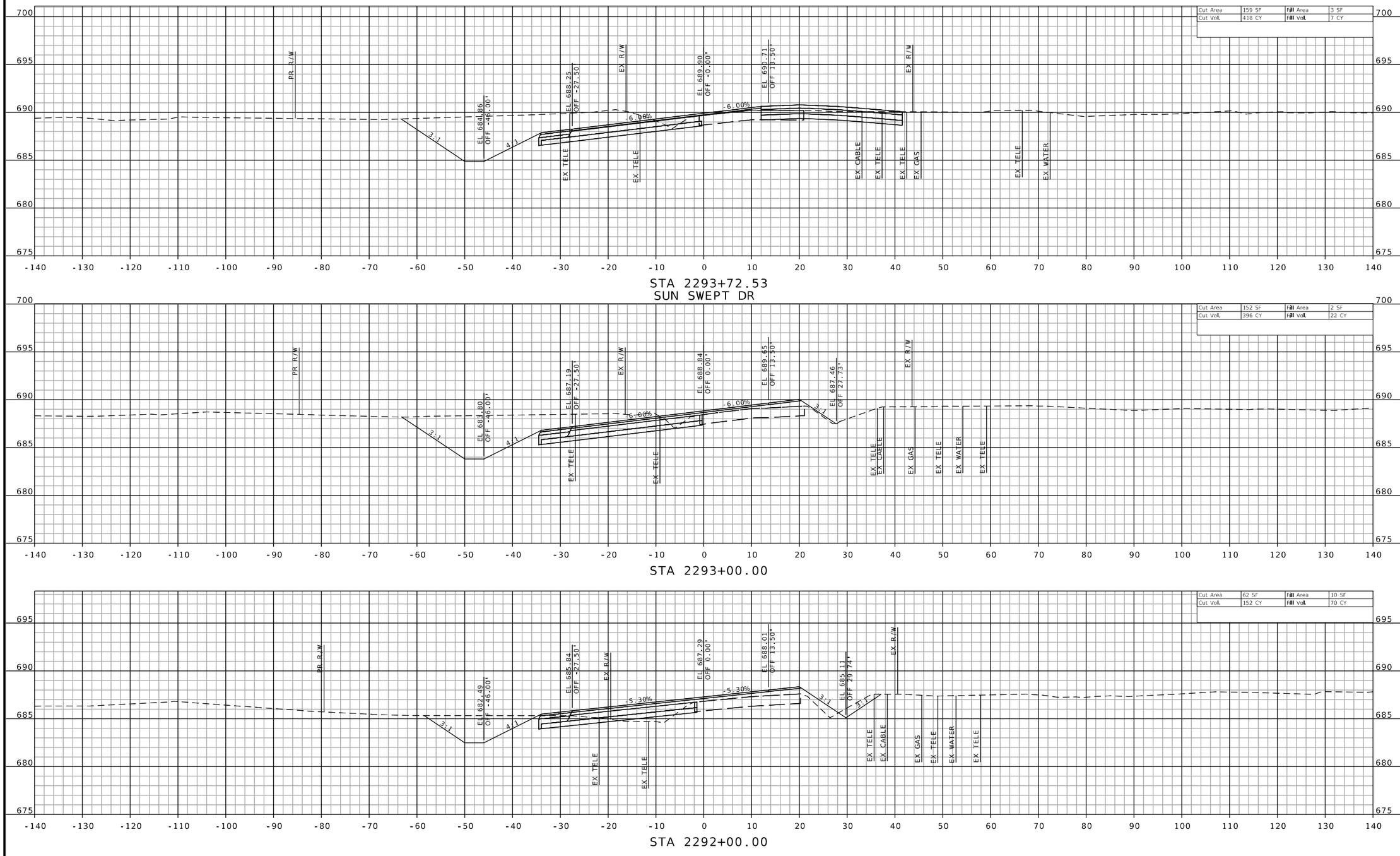
Belleville
1 South Church, Suite 200
Belleville, IL 62220
618.416.4588

St. Louis
720 Olive, Suite 700
St. Louis, MO 63101
314.588.8581

St. Charles
820 South Main, Suite 309
St. Charles, MO 63301
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MISSOURI DESIGN FIRM PE-001166



CROSS SECTIONS SHEETS
SHEET 122 OF 160

STATE OF MISSOURI
JEFFREY R. RENSING
NUMBER PE-2006012376
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
8/26/2025

ROUTE	STATE
47	MO
DISTRICT	SHEET NO.
NE	122

COUNTY
LINCOLN

JOB NO.
JNE0003

CONTRACT ID.
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PROJECT NO.
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BRIDGE NO.
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DESCRIPTION	DATE
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IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

OATES ASSOCIATES
MISSOURI DESIGN FIRM PE-001166

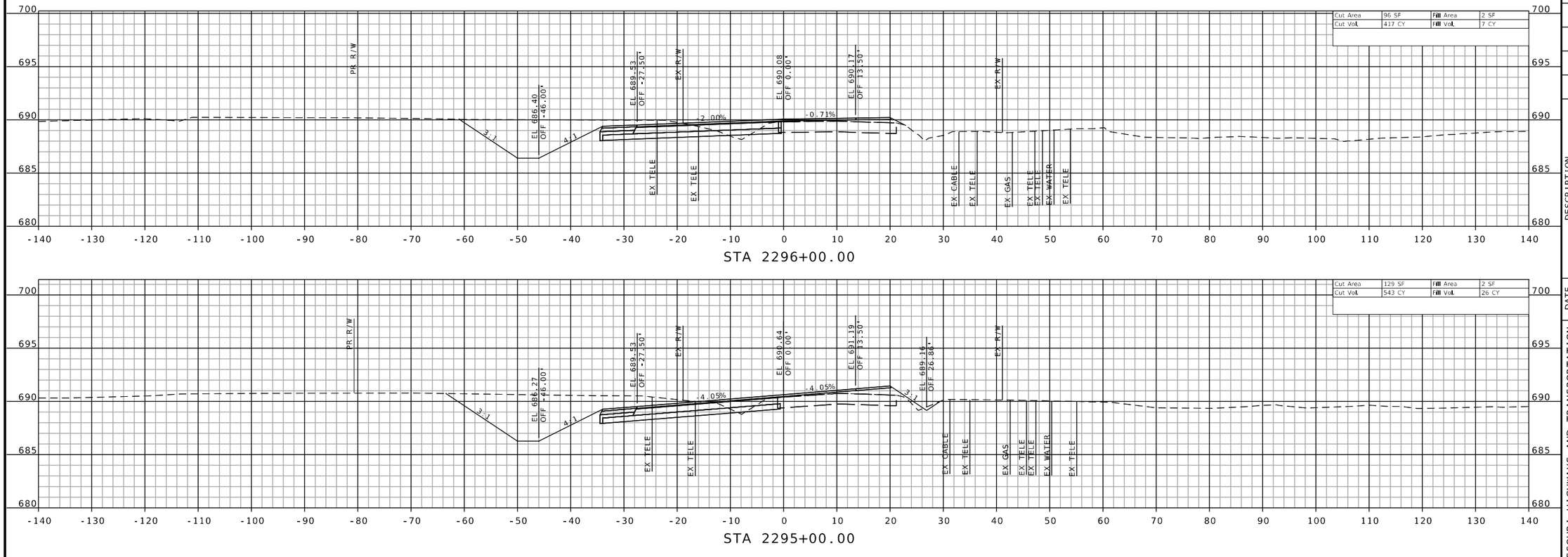
Collinsville
100 Lamper Court, Suite 1
Collinsville, IL 62234
618.345.2200

Belleville
1 South Church, Suite 200
Belleville, IL 62220
618.416.6688

St. Louis
720 Olive, Suite 700
St. Louis, MO 63101
314.588.8881

St. Charles
820 South Main, Suite 309
St. Charles, MO 63301
636.493.5277

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CROSS SECTIONS SHEETS
SHEET 123 OF 160

STATE OF MISSOURI
JEFFREY R. RENSING
NUMBER PE-2006012376
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
8/26/2025

ROUTE	STATE
47	MO
DISTRICT	SHEET NO.
NE	123

COUNTY
LINCOLN

JOB NO.
JNE0003

CONTRACT ID.
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PROJECT NO.
.

BRIDGE NO.
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DESCRIPTION	DATE
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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

OATES ASSOCIATES
MISSOURI DESIGN FIRM PE-001166

St. Louis
720 Olive, Suite 700
St. Louis, MO 63101
314.588.8881

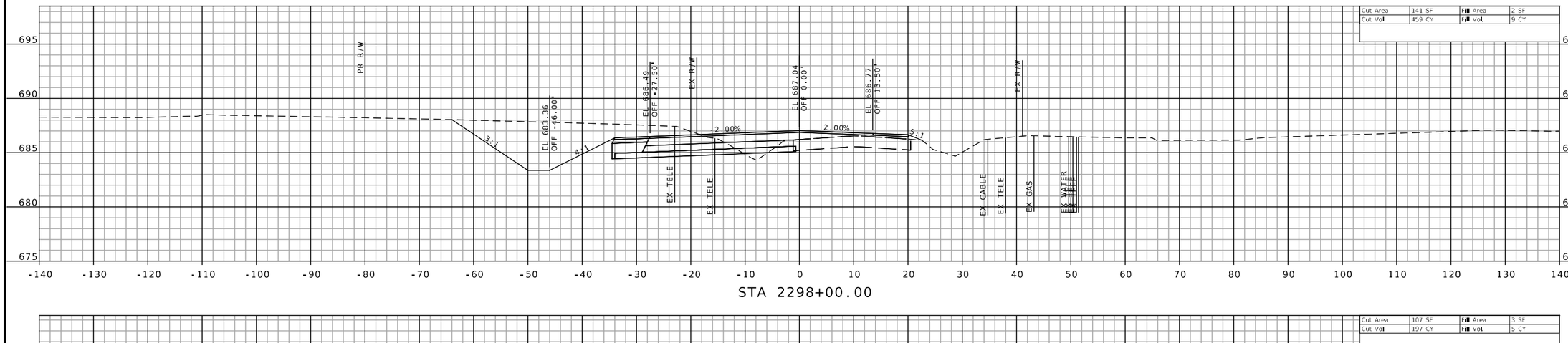
St. Charles
820 South Main, Suite 309
St. Charles, MO 63301
636.493.5277

Collinsville
100 Lamper Court, Suite 1
Collinsville, IL 62234
618.345.2200

Belleville
1 South Church, Suite 200
Belleville, IL 62220
618.416.6688

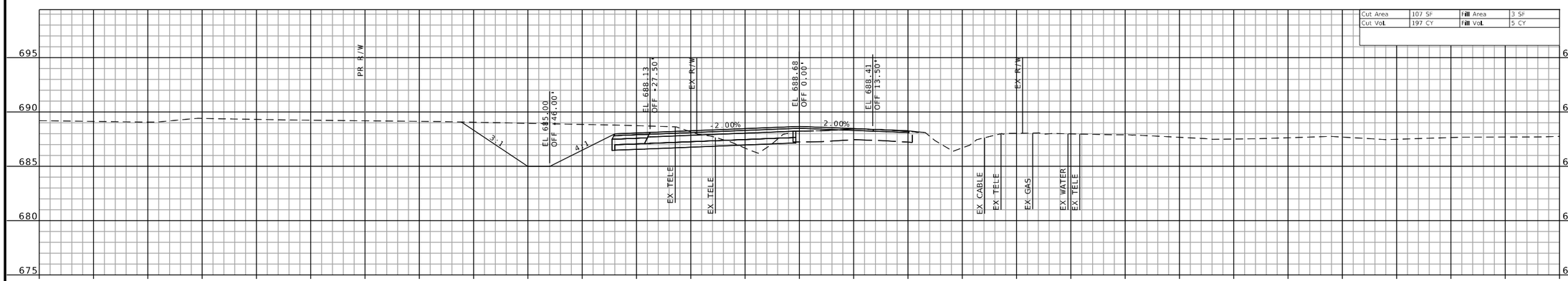
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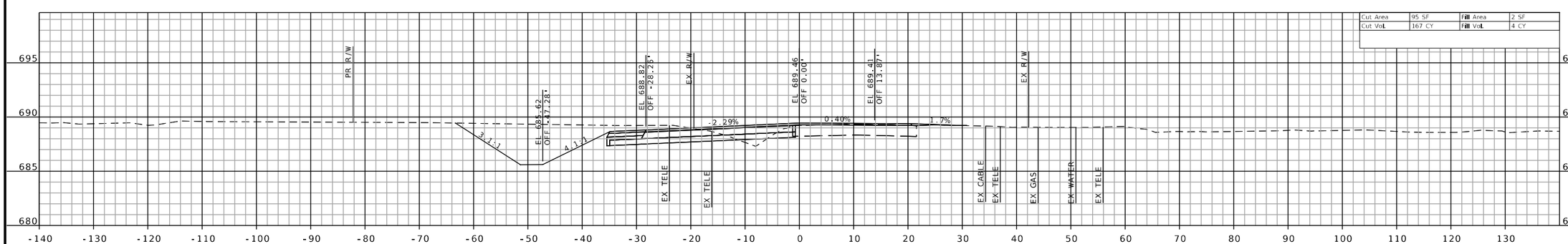
Cut Area	141 SF	Fill Area	2 SF
Cut Vol.	459 CY	Fill Vol.	9 CY

STA 2298+00.00



Cut Area	107 SF	Fill Area	3 SF
Cut Vol.	197 CY	Fill Vol.	5 CY

STA 2297+00.00



Cut Area	95 SF	Fill Area	2 SF
Cut Vol.	167 CY	Fill Vol.	4 CY

STA 2296+47.28
PE RT SKEW -13°21'03"

CROSS SECTIONS SHEETS
SHEET 124 OF 160

STATE OF MISSOURI
JEFFREY R. RENSING
NUMBER PE-2006012376
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
8/26/2025

ROUTE	STATE
47	MO
DISTRICT	SHEET NO.
NE	124

COUNTY
LINCOLN

JOB NO.
JNE0003

CONTRACT ID.
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PROJECT NO.
.

BRIDGE NO.
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DESCRIPTION	DATE
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IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

OATES ASSOCIATES
MISSOURI DESIGN FIRM PE-001166

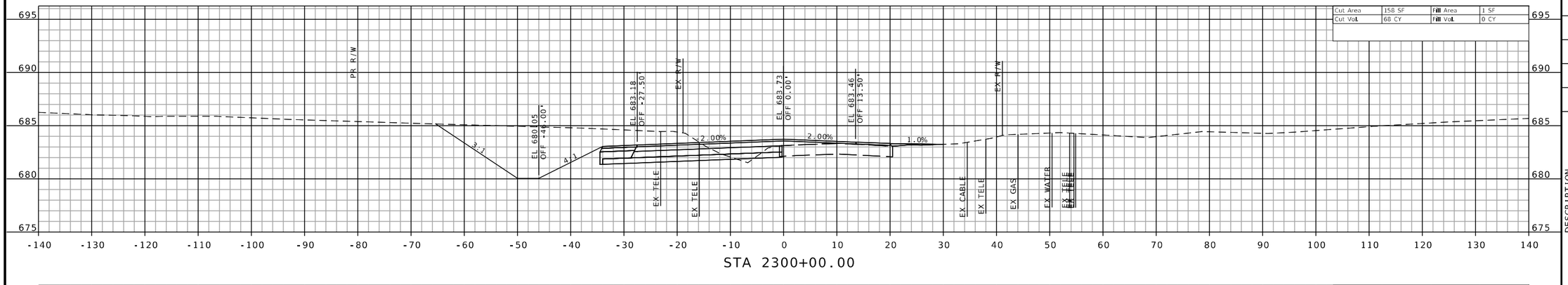
Collinsville
100 Lanzer Court, Suite 1
Collinsville, IL 62234
618-343-2200

Belleville
1 South Church, Suite 200
Belleville, IL 62220
618-416-6688

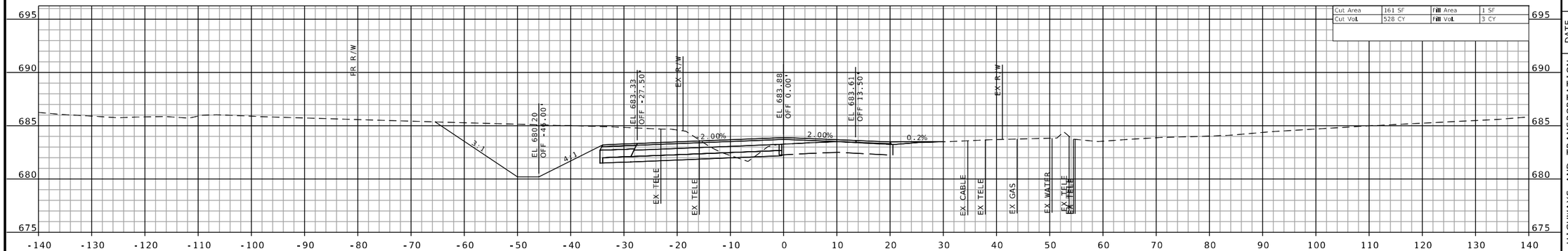
St. Louis
720 Olive, Suite 700
St. Louis, MO 63101
314-588-8281

St. Charles
820 South Main, Suite 309
St. Charles, MO 63301
636-493-8277

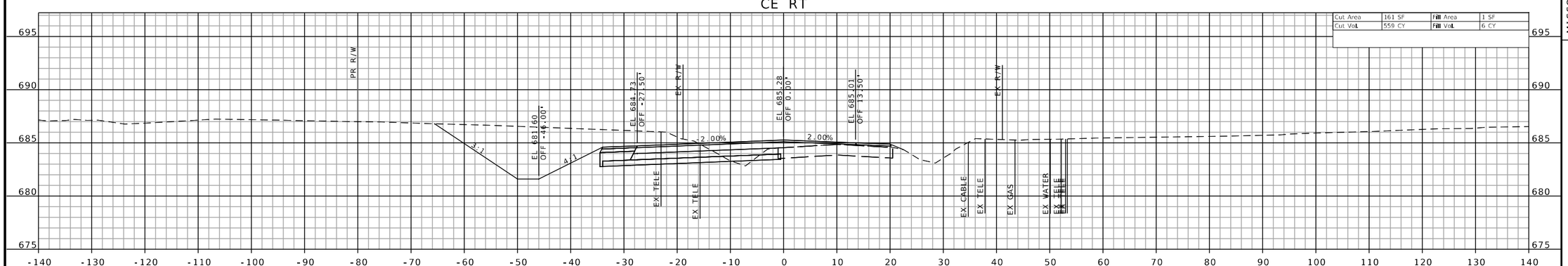
www.oatesassociates.com



STA 2300+00.00



STA 2299+88.54
CE RT



STA 2299+00.00

CROSS SECTIONS SHEETS
SHEET 125 OF 160

STATE OF MISSOURI
JEFFREY R. RENSING
NUMBER PE-2006012376
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
8/26/2025

ROUTE	STATE
47	MO
DISTRICT	SHEET NO.
NE	125

COUNTY
LINCOLN

JOB NO.
JNE0003

CONTRACT ID.
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PROJECT NO.
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BRIDGE NO.
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DATE	DESCRIPTION
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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

OATES ASSOCIATES
MISSOURI DESIGN FIRM PE-001166

Collinsville
101 Lanzer Court, Suite 1
Collinsville, IL 62234
618.345.2200

Belleville
1 South Church, Suite 200
Belleville, IL 62220
618.416.6488

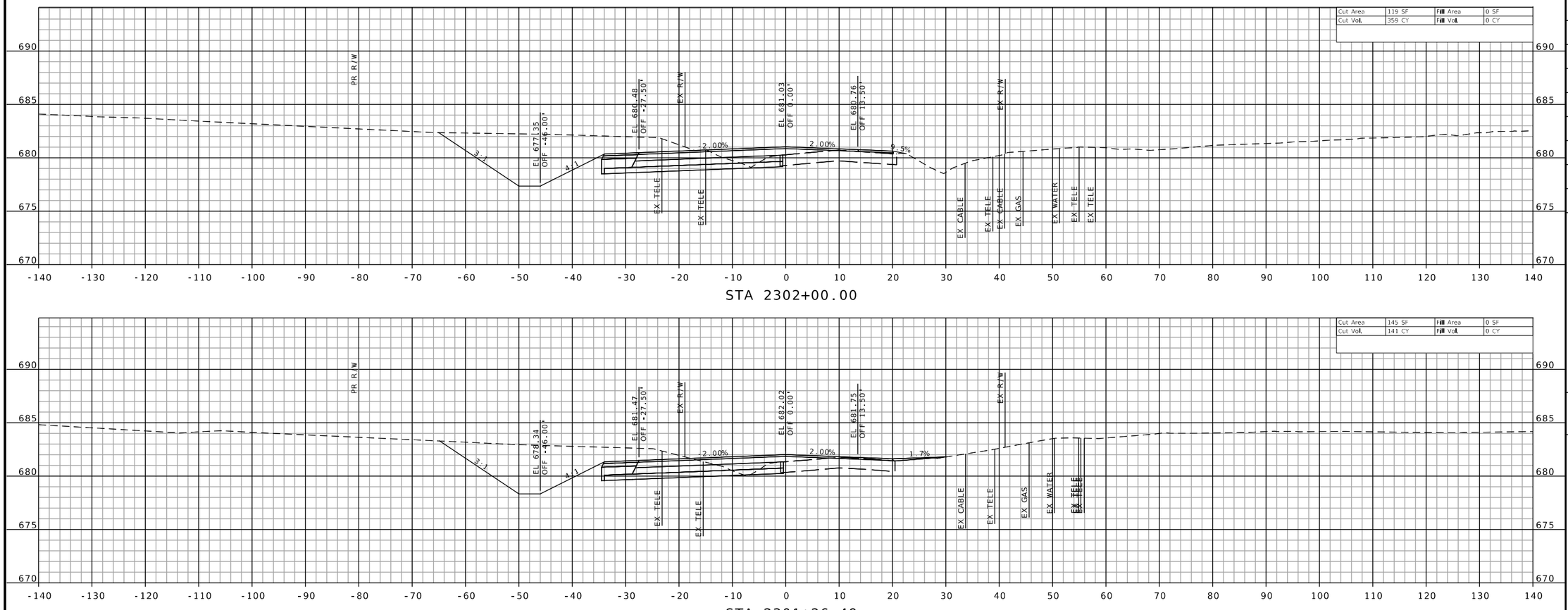
St. Louis
720 Olive, Suite 700
St. Louis, MO 63101
314.588.8881

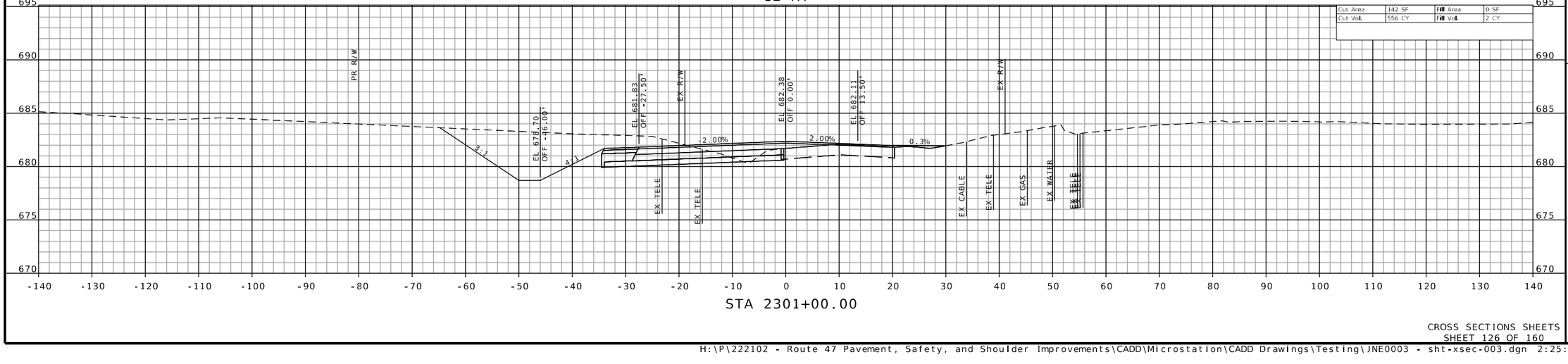
St. Charles
820 South Main, Suite 309
St. Charles, MO 63301
636.493.6277

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IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

H:\P\222102 - Route 47 Pavement, Safety, and Shoulder Improvements\CADD\Microstation\CADD Drawings\Testing\JNE0003 - sht-xsec-003.dgn 2:25:13 PM 8/26/2025





CROSS SECTIONS SHEETS
SHEET 126 OF 160

STATE OF MISSOURI
JEFFREY R. RENSING
NUMBER PE-2006012376
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

DATE PREPARED
8/26/2025

ROUTE	STATE
47	MO
DISTRICT	SHEET NO.
NE	126

COUNTY
LINCOLN

JOB NO.
JNE0003

CONTRACT ID.
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PROJECT NO.
.

BRIDGE NO.
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DESCRIPTION	DATE
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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

OATES ASSOCIATES

Collinsville
100 Lamper Court, Suite 1
Collinsville, IL 62234
618.345.2200

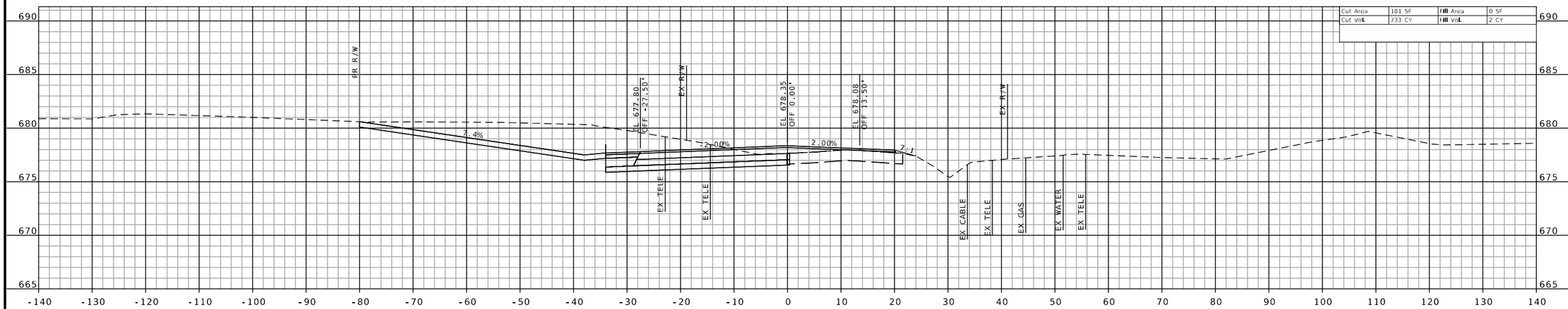
Belleville
1 South Church, Suite 200
Belleville, IL 62220
618.416.6688

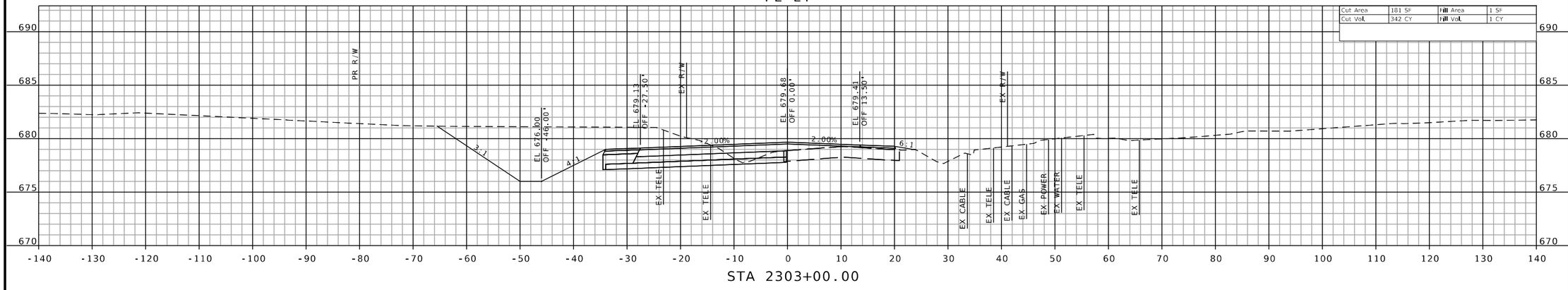
St. Louis
720 Olive, Suite 700
St. Louis, MO 63101
314.588.8881

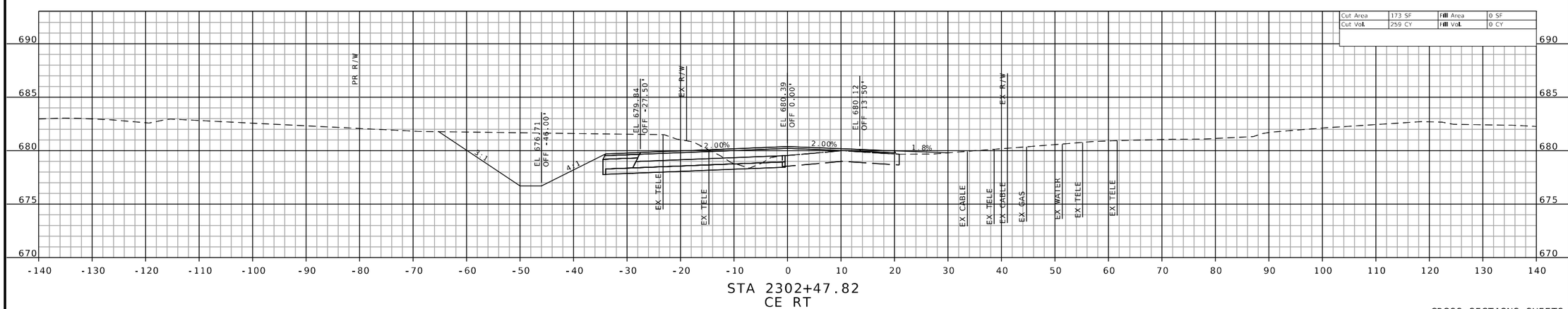
St. Charles
820 South Main, Suite 309
St. Charles, MO 63301
636.493.6277

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MISSOURI DESIGN FIRM PE-001166







CROSS SECTIONS SHEETS
SHEET 127 OF 160

STATE OF MISSOURI
JEFFREY R. RENSING
NUMBER PE-2006012376
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
8/26/2025

ROUTE	STATE
47	MO
DISTRICT	SHEET NO.
NE	127

COUNTY
LINCOLN

JOB NO.
JNE0003

CONTRACT ID.
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PROJECT NO.
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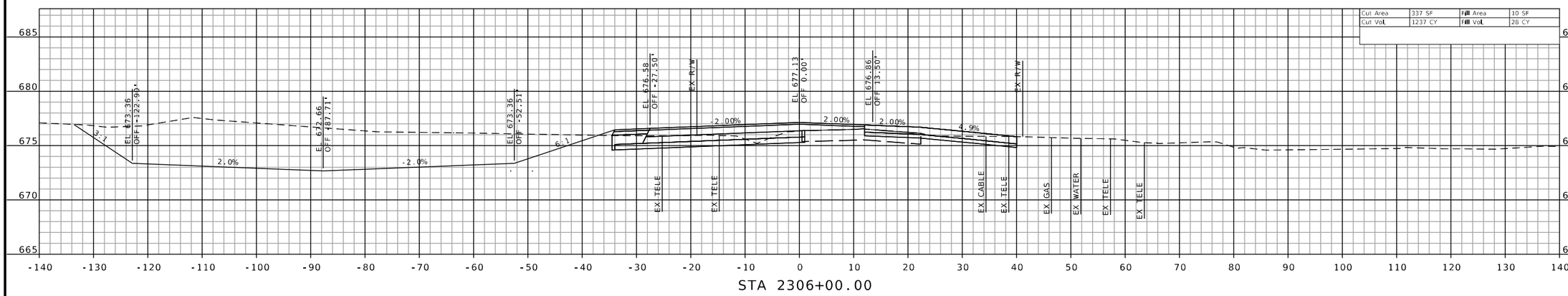
BRIDGE NO.
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DESCRIPTION	DATE
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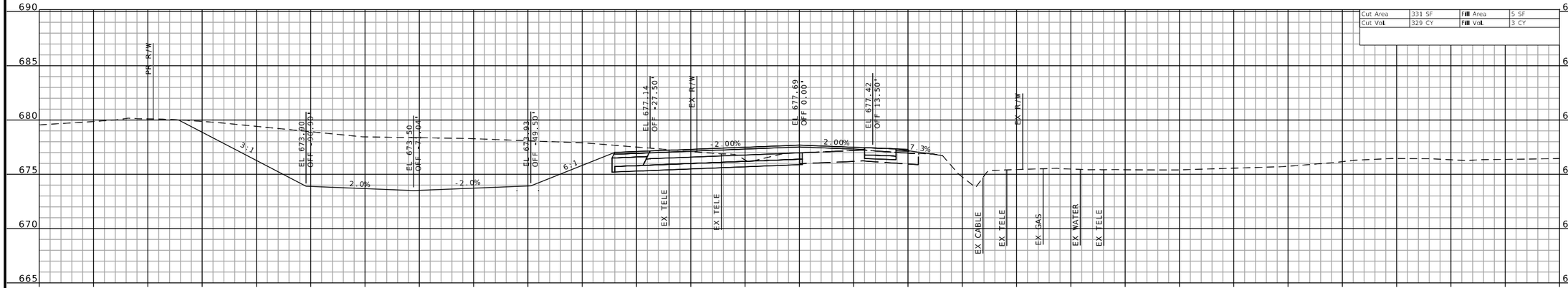
IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

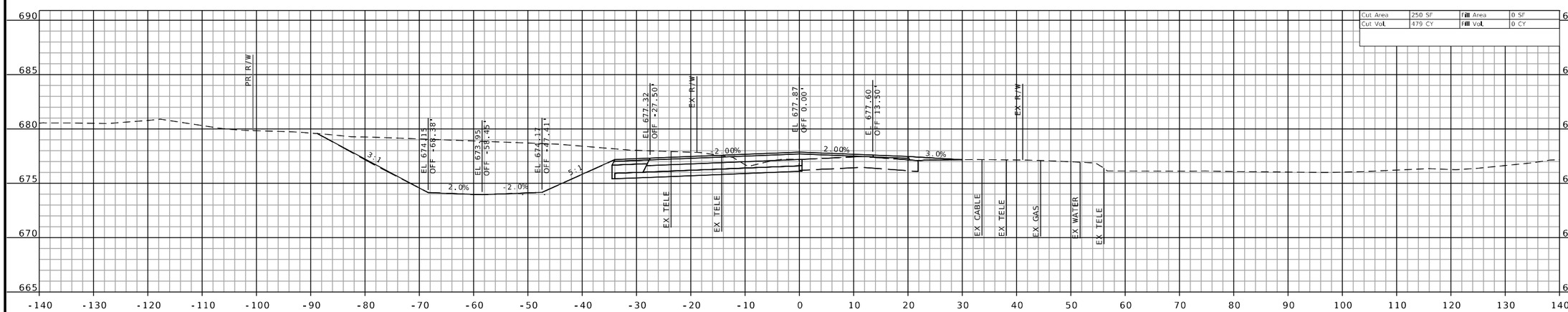
OATES ASSOCIATES
Collinsville
100 Lamger Court, Suite 1
Collinsville, IL 62234
618.345.2200
Belleville
1 South Church, Suite 200
Belleville, IL 62220
618.416.4488
St. Louis
720 Olive, Suite 700
St. Louis, MO 63101
314.588.8881
St. Charles
820 South Main, Suite 309
St. Charles, MO 63301
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MISSOURI DESIGN FIRM PE-001166



STA 2306+00.00



STA 2305+00.00



STA 2304+69.41
CE RT

CROSS SECTIONS SHEETS
SHEET 128 OF 160

STATE OF MISSOURI
JEFFREY R. RENSING
NUMBER PE-2006012376
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED 8/26/2025

ROUTE	STATE
47	MO
DISTRICT	SHEET NO.
NE	128

COUNTY: LINCOLN
JOB NO.: JNE0003
CONTRACT ID.:
PROJECT NO.:
BRIDGE NO.:

DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

OATES ASSOCIATES
MISSOURI DESIGN FIRM PE-001166

Collinsville
100 Lanter Court, Suite 1
Collinsville, IL 62234
618.345.2200

Belleville
1 South Church, Suite 200
Belleville, IL 62220
618.416.4868

St. Louis
720 Olive, Suite 700
St. Louis, MO 63101
314.588.8381

St. Charles
820 South Main, Suite 309
St. Charles, MO 63301
636.493.6277

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IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

H:\P\222102 - Route 47 Pavement, Safety, and Shoulder Improvements\CADD\Microstation\CADD Drawings\Testing\JNE0003 - sht-xsec-003.dgn 2:27:18 PM 8/26/2025

CROSS SECTIONS SHEETS
SHEET 129 OF 160

STATE OF MISSOURI
JEFFREY R. RENSING
NUMBER PE-2006012376
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
8/26/2025

ROUTE	STATE
47	MO
DISTRICT	SHEET NO.
NE	129

COUNTY
LINCOLN

JOB NO.
JNE0003

CONTRACT ID.
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PROJECT NO.
.

BRIDGE NO.
.

DATE	DESCRIPTION
.	.

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

OATES ASSOCIATES
MISSOURI DESIGN FIRM PE-001166

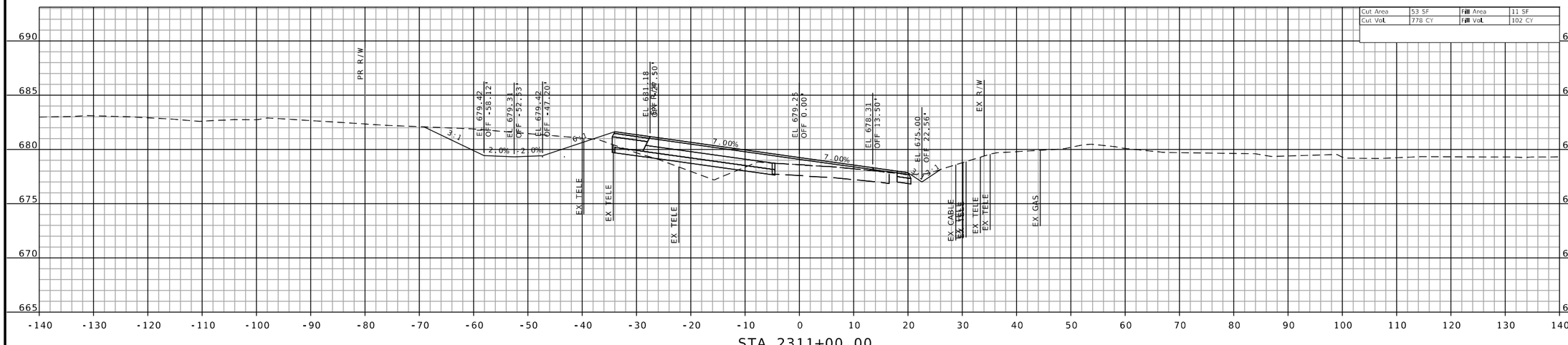
Collinsville
100 Lanter Court, Suite 1
Collinsville, IL 62234
618.345.2300

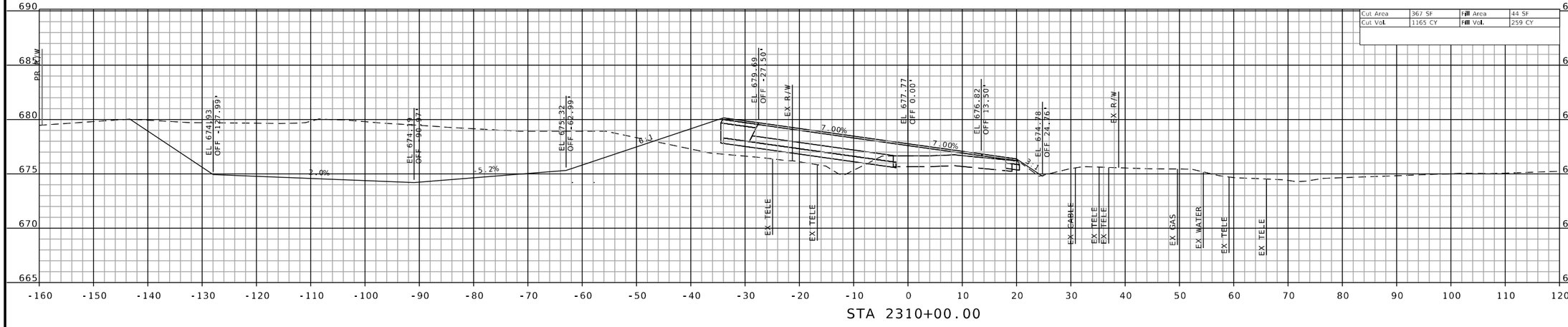
Belleville
1 South Church, Suite 200
Belleville, IL 62220
618.416.6488

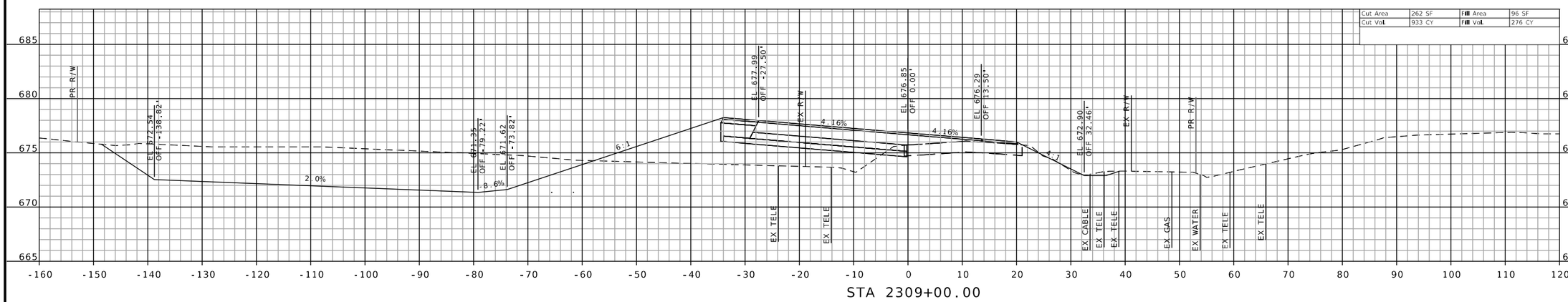
St. Louis
720 Olive, Suite 700
St. Louis, MO 63101
314.588.8881

St. Charles
820 South Main, Suite 309
St. Charles, MO 63301
636.493.6277

www.oatesassociates.com







CROSS SECTIONS SHEETS
SHEET 130 OF 160

STATE OF MISSOURI
JEFFREY R. RENSING
NUMBER PE-2006012376
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED 8/26/2025

ROUTE	STATE
47	MO
DISTRICT	SHEET NO.
NE	130

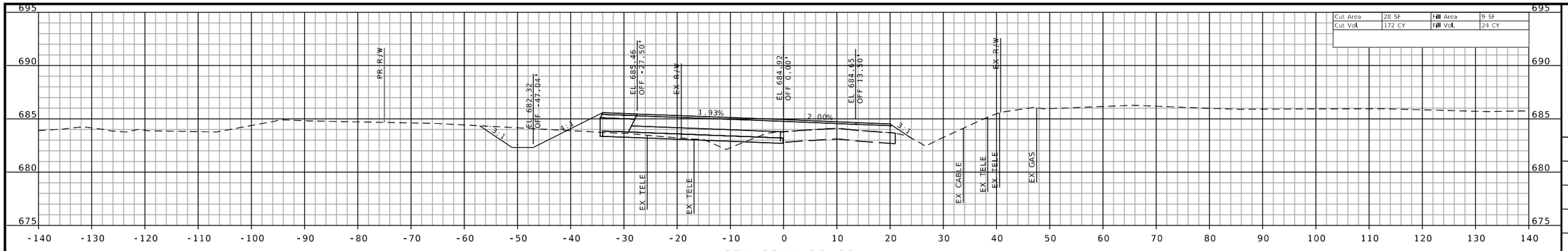
COUNTY: LINCOLN
JOB NO.: JNE0003
CONTRACT ID.:
PROJECT NO.:
BRIDGE NO.:

DESCRIPTION	DATE

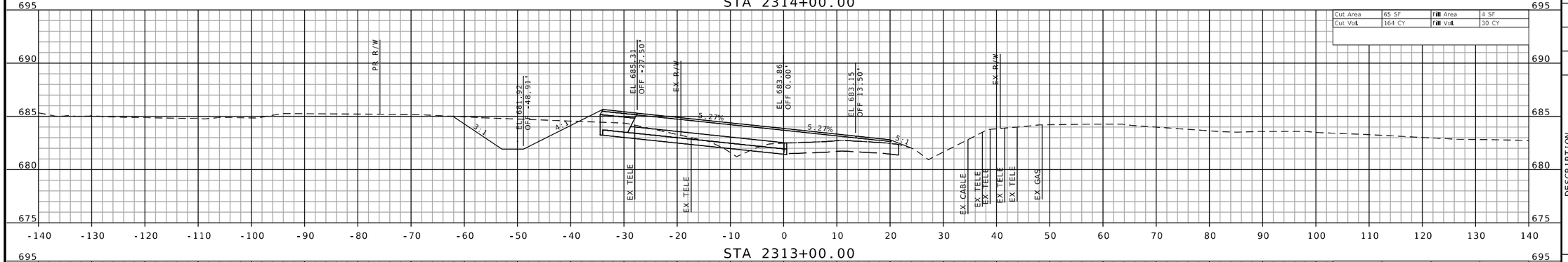
IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

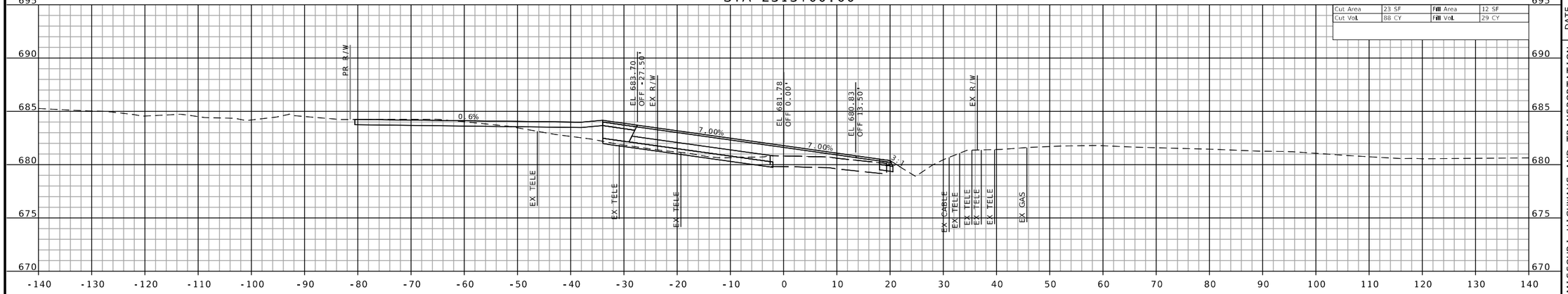
OATES ASSOCIATES
Collinsville: 100 Lamar Court, Suite 1, Collinsville, IL 62234, 618.345.2200
Belleville: 1 South Church, Suite 200, Belleville, IL 62220, 618.416.4588
St. Louis: 720 Olive, Suite 700, St. Louis, MO 63101, 314.588.8881
St. Charles: 820 South Main, Suite 309, St. Charles, MO 63301, 636.493.6277
www.oatesassociates.com
MISSOURI DESIGN FIRM PE-001166



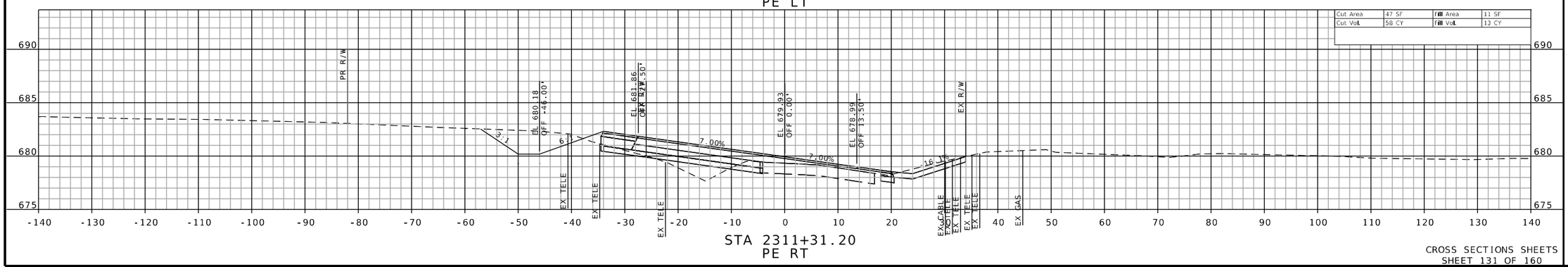
STA 2314+00.00



STA 2313+00.00



STA 2311+99.20
PE LT



STA 2311+31.20
PE RT

CROSS SECTIONS SHEETS
SHEET 131 OF 160

STATE OF MISSOURI
JEFFREY R. RENSING
NUMBER PE-2006012376
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

DATE PREPARED
8/26/2025

ROUTE	STATE
47	MO
DISTRICT	SHEET NO.
NE	131

COUNTY
LINCOLN

JOB NO.
JNE0003

CONTRACT ID.
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PROJECT NO.
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BRIDGE NO.
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DESCRIPTION	DATE
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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

OATES ASSOCIATES

Collinsville
100 Lamer Court, Suite 1
Collinsville, IL 62234
618.345.2200

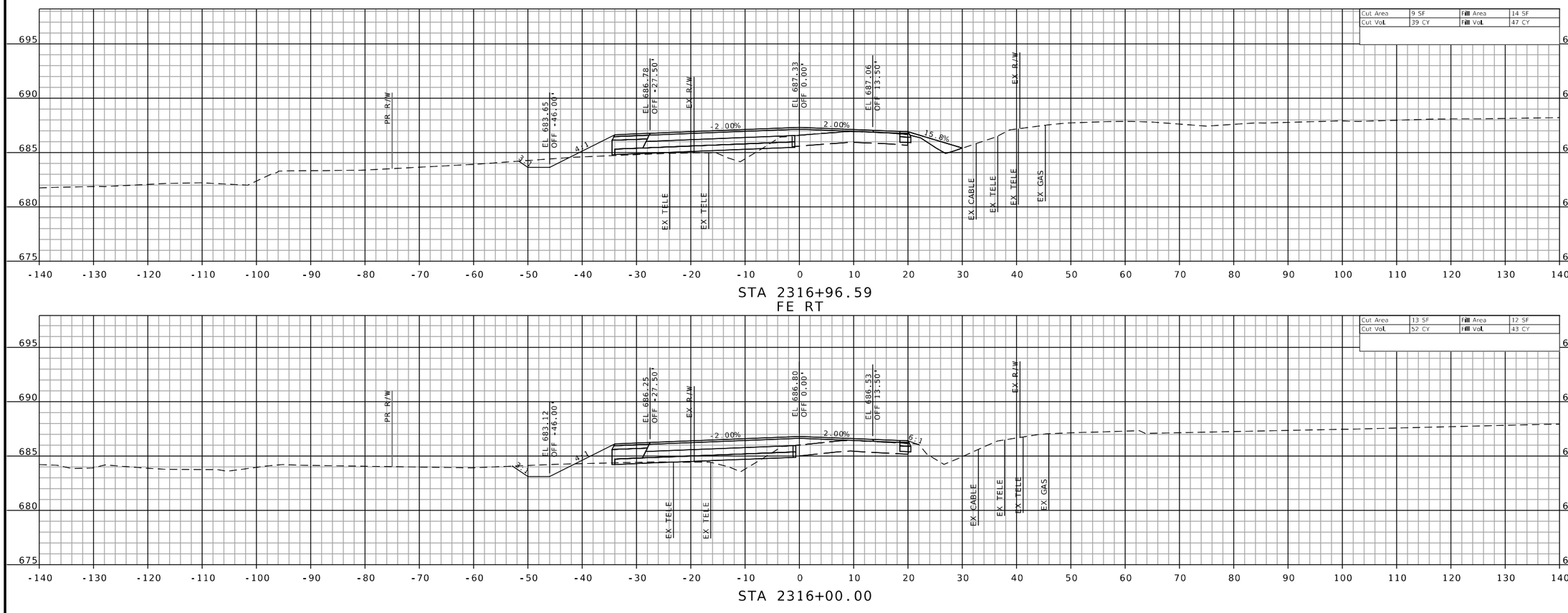
Belleville
1 South Church, Suite 200
Belleville, IL 62220
618.416.4488

St. Louis
720 Olive, Suite 700
St. Louis, MO 63101
314.588.3881

St. Charles
820 South Main, Suite 309
St. Charles, MO 63301
636.493.8277

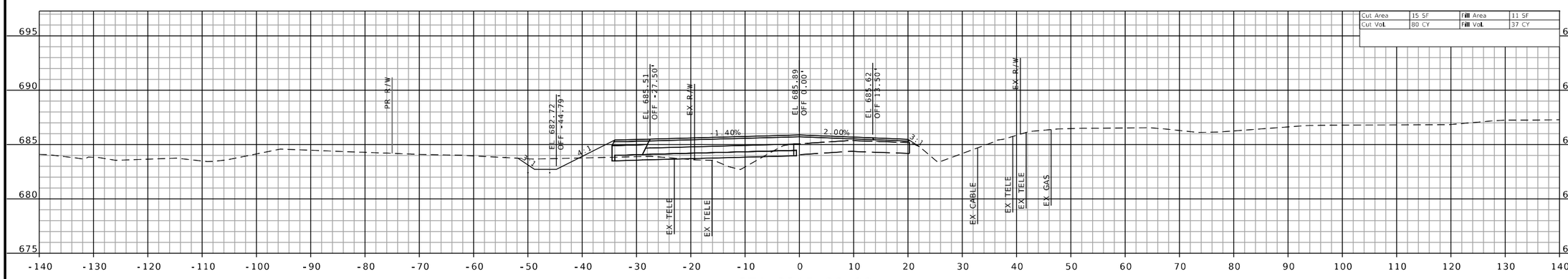
www.oatesassociates.com

MISSOURI DESIGN FIRM PE-001166



STA 2316+96.59
FE RT

STA 2316+00.00



STA 2315+00.00

CROSS SECTIONS SHEETS
SHEET 132 OF 160

STATE OF MISSOURI
JEFFREY R. RENSING
NUMBER PE-2006012376
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
8/26/2025

ROUTE	STATE
47	MO
DISTRICT	SHEET NO.
NE	132

COUNTY
LINCOLN

JOB NO.
JNE0003

CONTRACT ID.
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PROJECT NO.
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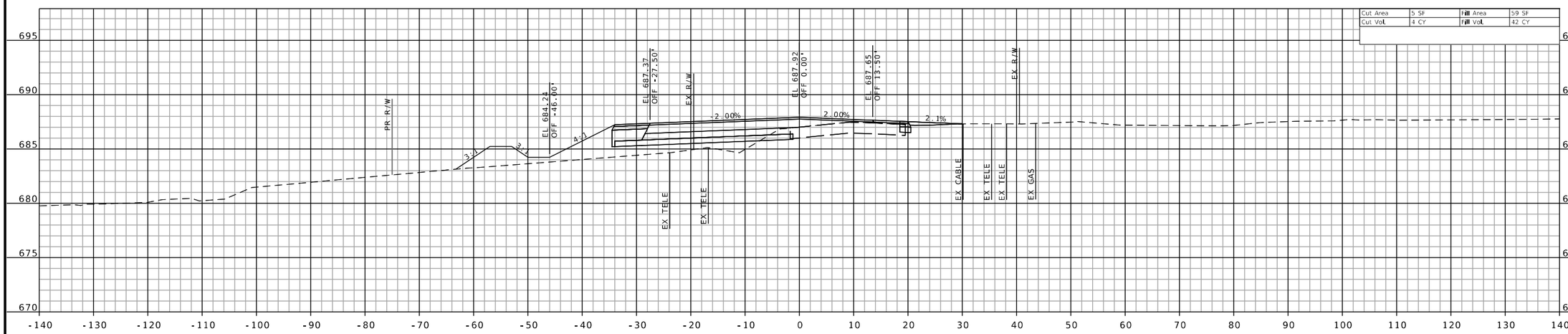
BRIDGE NO.
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DESCRIPTION	DATE
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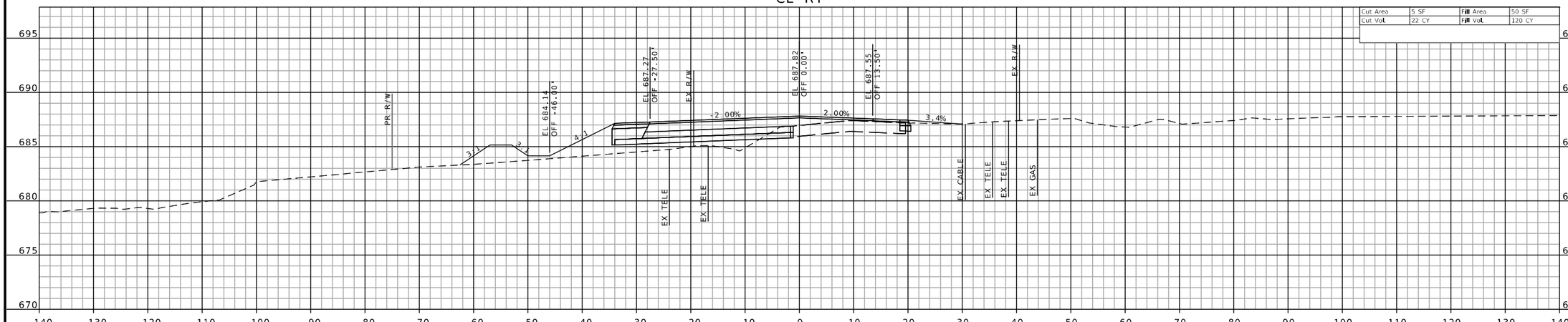
IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

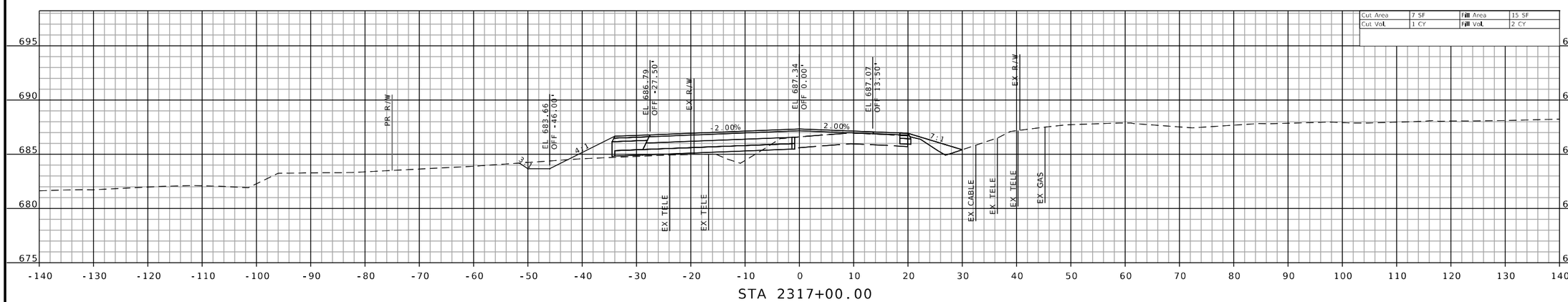
OATES ASSOCIATES
MISSOURI DESIGN FIRM PE-001166
Collinsville
100 Lamper Court, Suite 1
Collinsville, IL 62234
618.345.2200
Belleville
1 South Church, Suite 200
Belleville, IL 62220
618.416.6688
St. Louis
720 Olive, Suite 700
St. Louis, MO 63101
314.588.8881
St. Charles
820 South Main, Suite 309
St. Charles, MO 63301
636.493.6277
www.oatesassociates.com



STA 2318+20.74
CE RT



STA 2318+00.00



STA 2317+00.00

CROSS SECTIONS SHEETS
SHEET 133 OF 160

STATE OF MISSOURI
JEFFREY R. RENSING
NUMBER PE-2006012376
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
8/26/2025

ROUTE	STATE
47	MO
DISTRICT	SHEET NO.
NE	133

COUNTY
LINCOLN

JOB NO.
JNE0003

CONTRACT ID.
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PROJECT NO.
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BRIDGE NO.
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DESCRIPTION	.	.	.	.	.	.	.
DATE							

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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

OATES ASSOCIATES

Collinsville
100 Lamer Court, Suite 1
Collinsville, IL 62234
618.345.2200

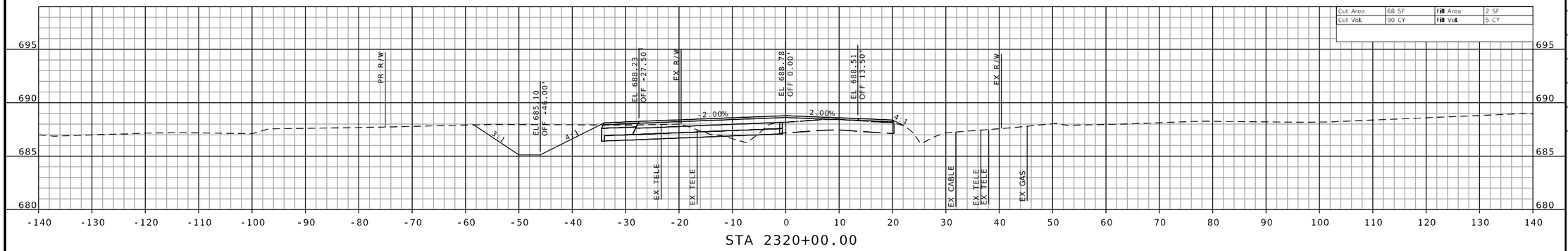
Belleville
1 South Church, Suite 200
Belleville, IL 62220
618.416.4588

St. Louis
720 Olive, Suite 700
St. Louis, MO 63101
314.588.8881

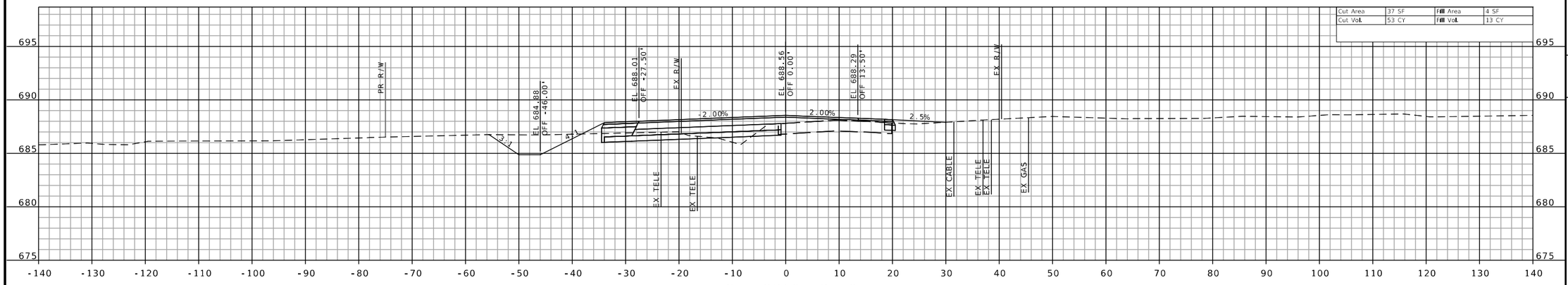
St. Charles
820 South Main, Suite 309
St. Charles, MO 63301
636.493.6277

www.oatesassociates.com

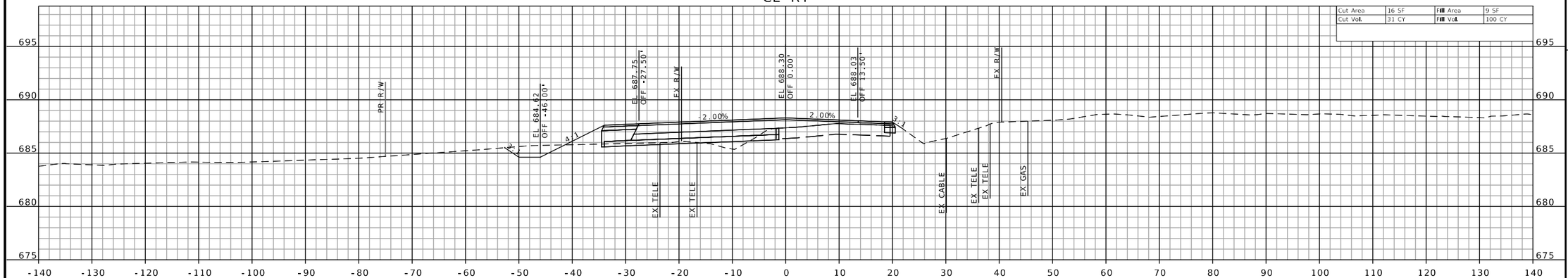
MISSOURI DESIGN FIRM PE-000166



STA 2320+00.00



STA 2319+53.59
CE RT



STA 2319+00.00

CROSS SECTIONS SHEETS
SHEET 134 OF 160

STATE OF MISSOURI
JEFFREY R. RENSING
NUMBER PE-2006012376
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
8/26/2025

ROUTE	STATE
47	MO
DISTRICT	SHEET NO.
NE	134

COUNTY
LINCOLN

JOB NO.
JNE0003

CONTRACT ID.
.

PROJECT NO.
.

BRIDGE NO.
.

DATE	DESCRIPTION
.	.

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

OATES ASSOCIATES

Collinsville
100 Lanter Court, Suite 1
Collinsville, IL 62234
618.345.2200

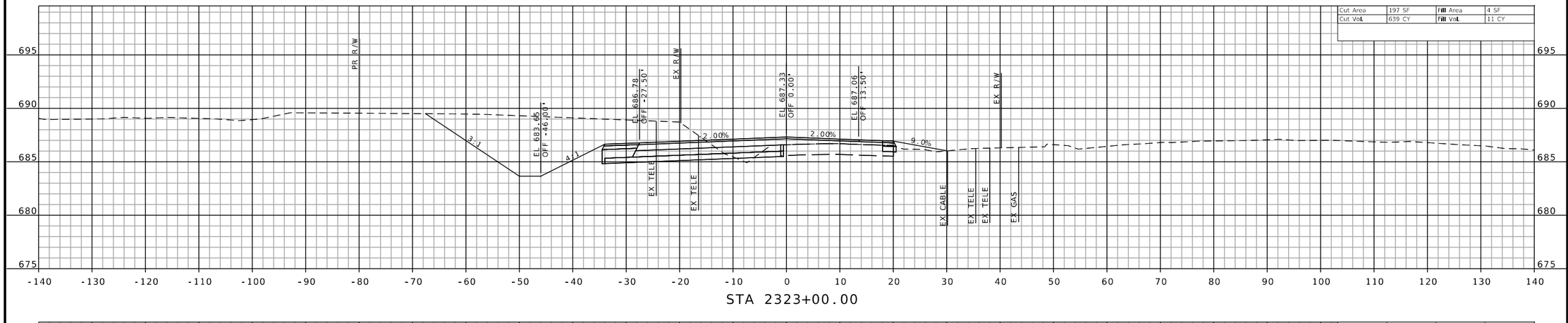
Belleville
1 South Church, Suite 200
Belleville, IL 62220
618.416.6488

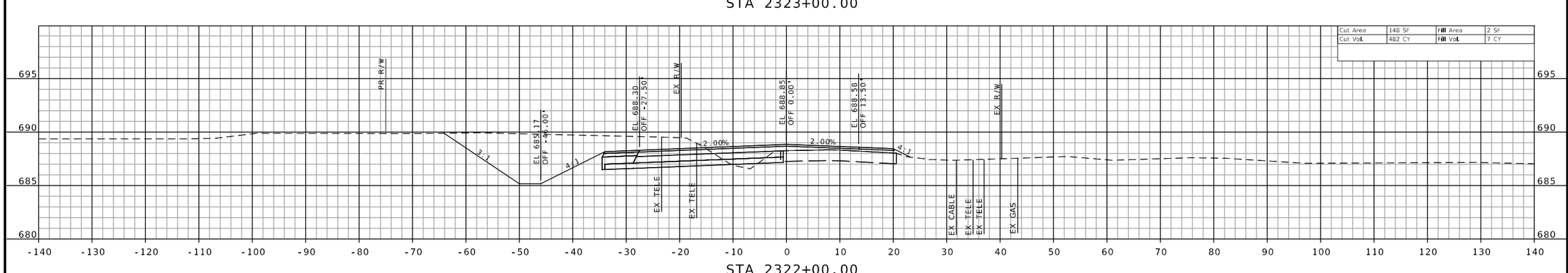
St. Louis
720 Olive, Suite 700
St. Louis, MO 63101
314.588.8181

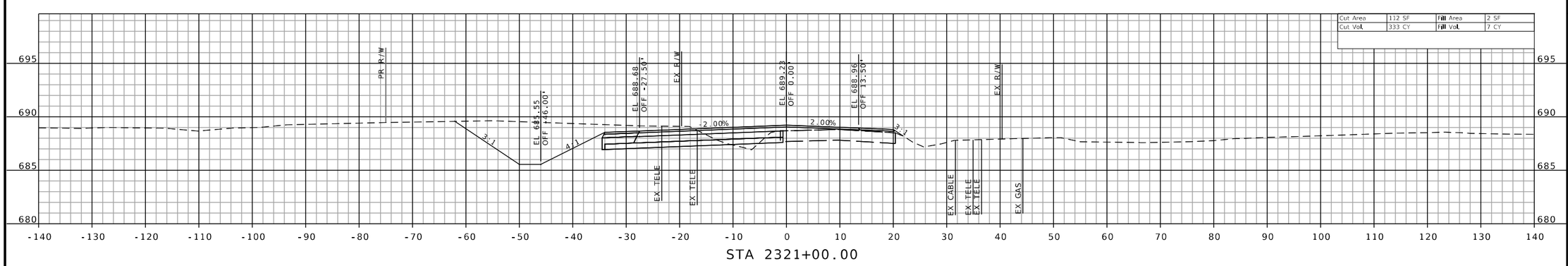
St. Charles
820 South Main, Suite 309
St. Charles, MO 63301
636.493.6277

www.oatesassociates.com

MISSOURI DESIGN FIRM PE-001166







CROSS SECTIONS SHEETS
SHEET 135 OF 160

STATE OF MISSOURI
JEFFREY R. RENSING
NUMBER PE-2006012376
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
8/26/2025

ROUTE	STATE
47	MO
DISTRICT	SHEET NO.
NE	135

COUNTY
LINCOLN

JOB NO.
JNE0003

CONTRACT ID.
.

PROJECT NO.
.

BRIDGE NO.
.

DATE	DESCRIPTION
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IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

OATES ASSOCIATES
MISSOURI DESIGN FIRM PE-001166

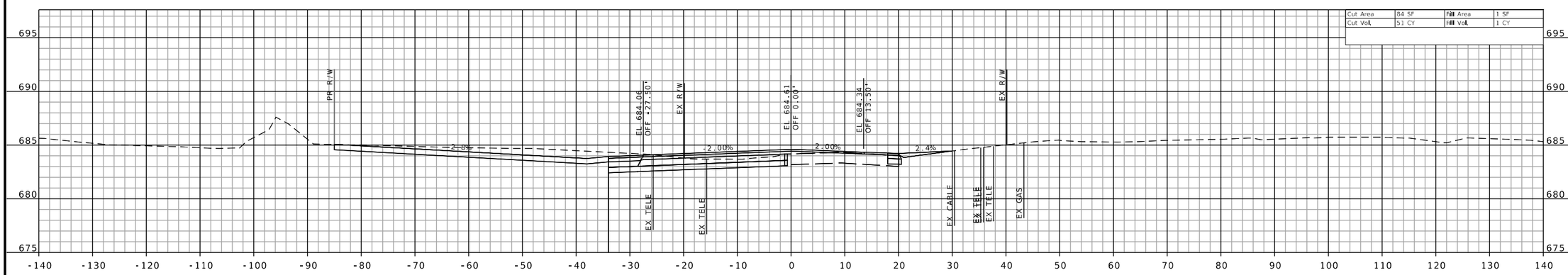
Collinsville
100 Lamer Court, Suite 1
Collinsville, IL 62234
618.345.2200

Belleville
1 South Church, Suite 200
Belleville, IL 62220
618.416.4488

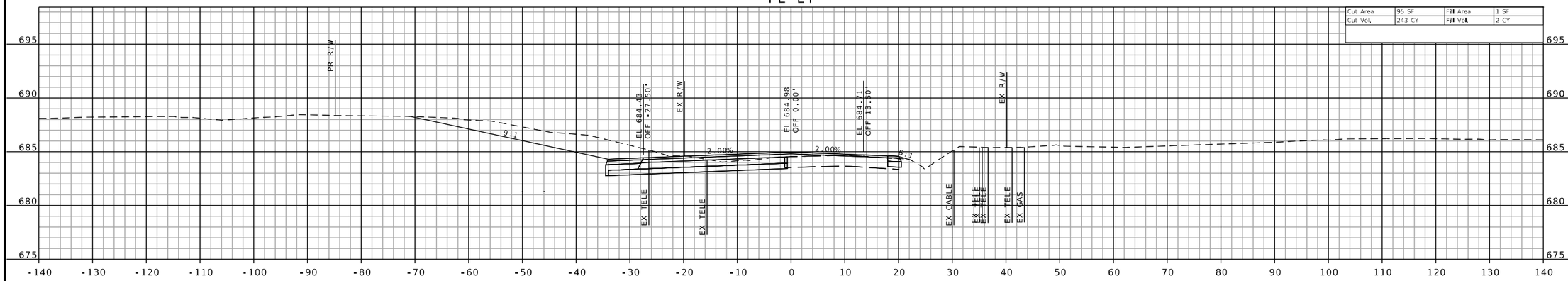
St. Louis
720 Olive, Suite 700
St. Louis, MO 63101
314.588.8881

St. Charles
820 South Main, Suite 309
St. Charles, MO 63301
636.493.6277

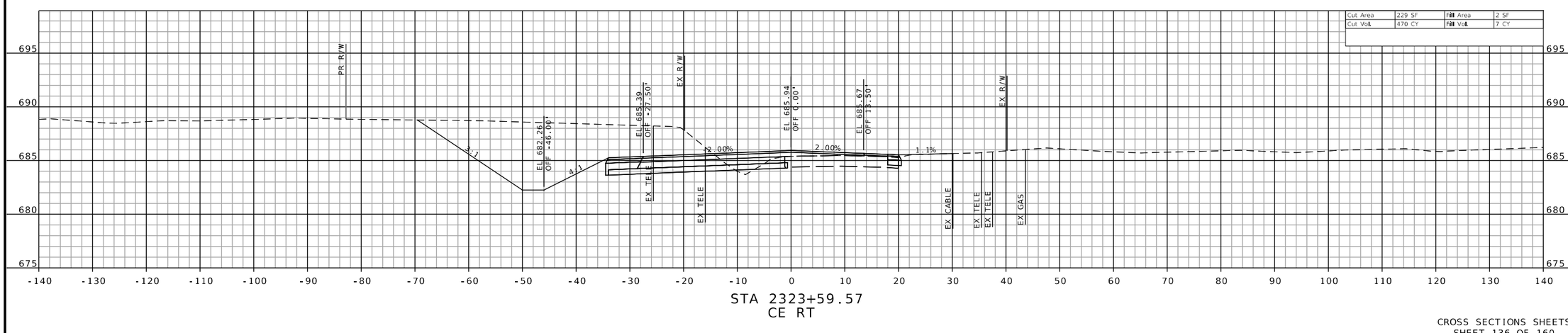
www.oatesassociates.com



STA 2324+15.51
PE LT



STA 2324+00.00



STA 2323+59.57
CE RT

CROSS SECTIONS SHEETS
SHEET 136 OF 160

STATE OF MISSOURI
JEFFREY R. RENSING
NUMBER PE-2006012376
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
8/26/2025

ROUTE	STATE
47	MO
DISTRICT	SHEET NO.
NE	136

COUNTY
LINCOLN

JOB NO.
JNE0003

CONTRACT ID.
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PROJECT NO.
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BRIDGE NO.
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DESCRIPTION	DATE
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IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

OATES ASSOCIATES

Collinsville
101 Lanter Court, Suite 1
Collinsville, IL 62234
618.345.2200

Belleville
1 South Church, Suite 200
Belleville, IL 62220
618.416.6688

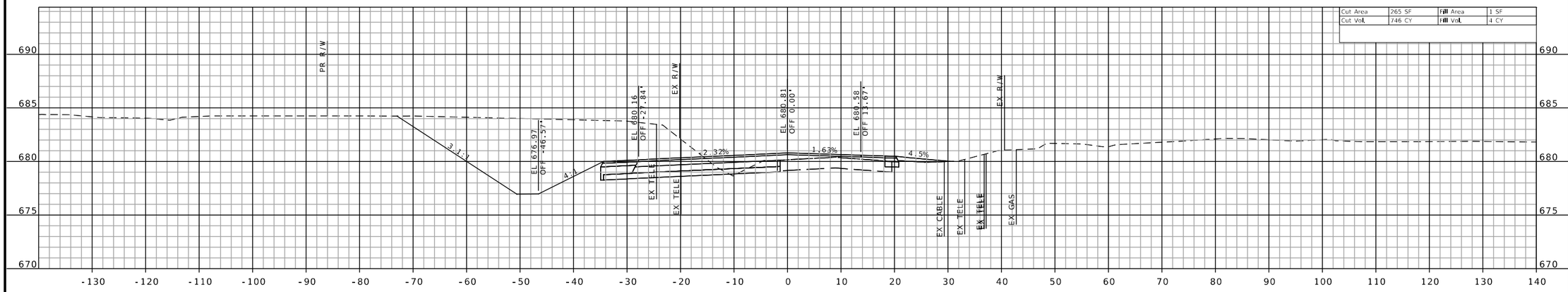
St. Louis
720 Olive, Suite 700
St. Louis, MO 63101
314.588.8381

St. Charles
820 South Main, Suite 309
St. Charles, MO 63301
636.493.6277

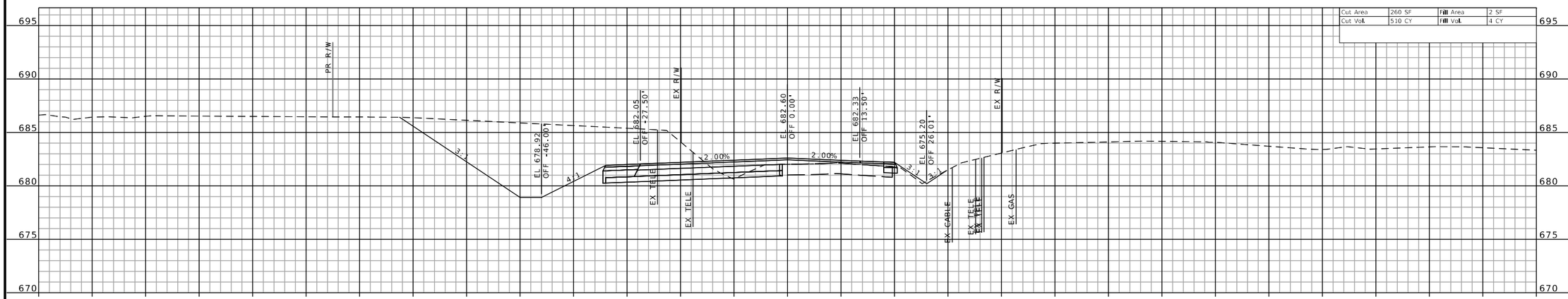
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MISSOURI DESIGN FIRM PE-001166

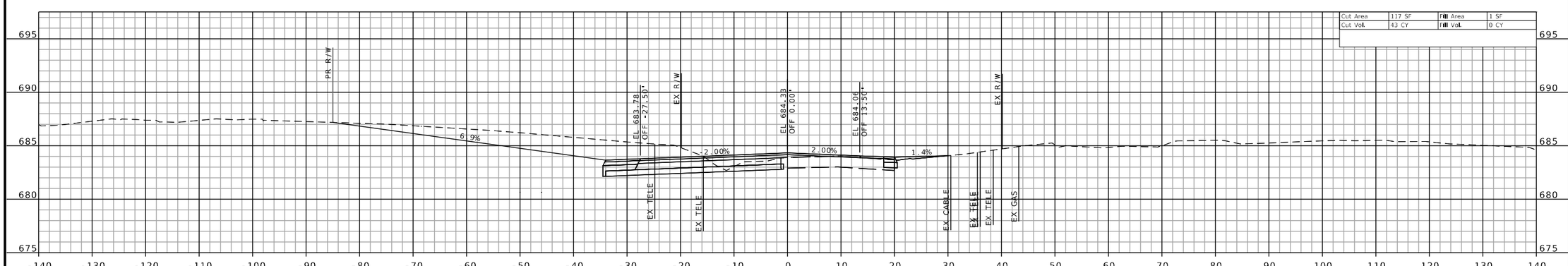
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STA 2325+76.69
CE RT SKEW 8°58'39"



STA 2325+00.00



STA 2324+27.01
CE RT

CROSS SECTIONS SHEETS
SHEET 137 OF 160

STATE OF MISSOURI
JEFFREY R. RENSING
NUMBER PE-2006012376
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

DATE PREPARED 8/26/2025

ROUTE	STATE
47	MO
DISTRICT	SHEET NO.
NE	137

COUNTY: LINCOLN
JOB NO.: JNE0003
CONTRACT ID.: .
PROJECT NO.: .
BRIDGE NO.: .

DESCRIPTION	DATE
.	.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

OATES ASSOCIATES

Collinsville
100 Lanter Court, Suite 1
Collinsville, IL 62234
618.345.2200

Belleville
1 South Church, Suite 200
Belleville, IL 62220
618.416.4888

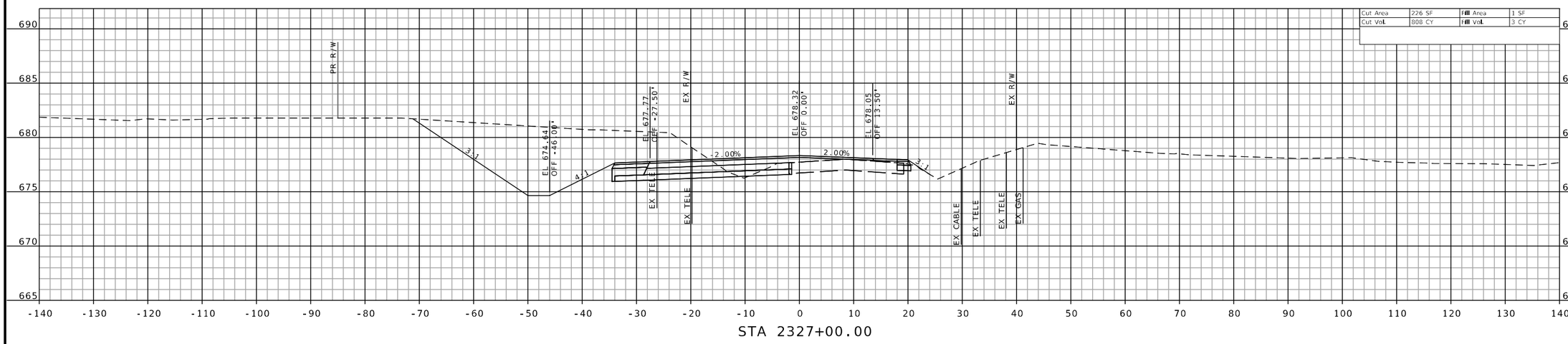
St. Louis
720 Olive, Suite 700
St. Louis, MO 63101
314.288.8381

St. Charles
820 South Main, Suite 399
St. Charles, MO 63301
636.493.6277

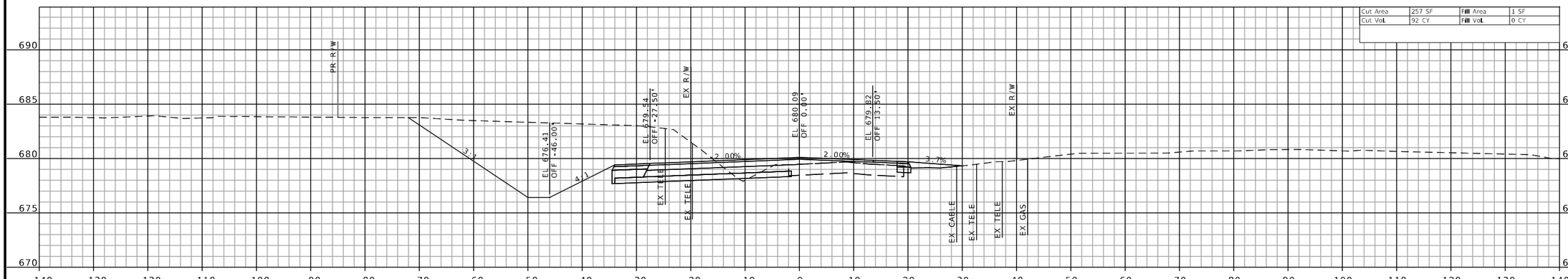
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MISSOURI DESIGN FIRM PE-001166

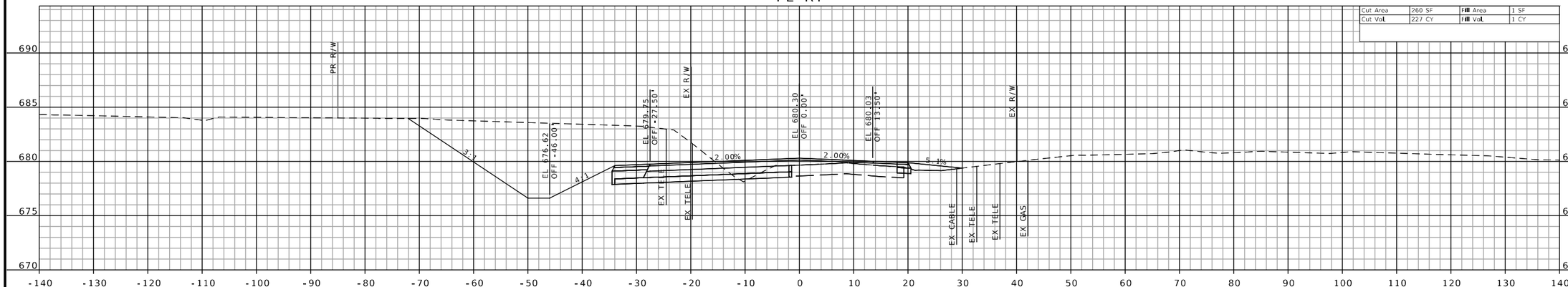
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STA 2327+00.00



STA 2326+09.62
PE RT



STA 2326+00.00

CROSS SECTIONS SHEETS
SHEET 138 OF 160

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STATE OF MISSOURI
JEFFREY R. RENSING
NUMBER PE-2006012376
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
8/26/2025

ROUTE	STATE
47	MO
DISTRICT	SHEET NO.
NE	138

COUNTY
LINCOLN

JOB NO.
JNE0003

CONTRACT ID.
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PROJECT NO.
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BRIDGE NO.
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DESCRIPTION	DATE
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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

MoDOT

OATES ASSOCIATES
MISSOURI DESIGN FIRM PE-001166

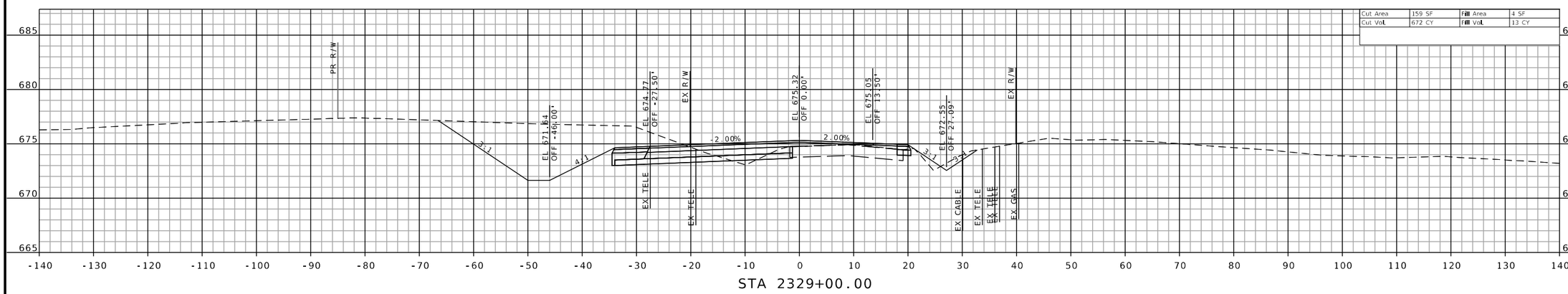
Collinsville
100 Lamer Court, Suite 1
Collinsville, IL 62234
618.345.2200

Belleville
1 South Church, Suite 200
Belleville, IL 62220
618.416.4588

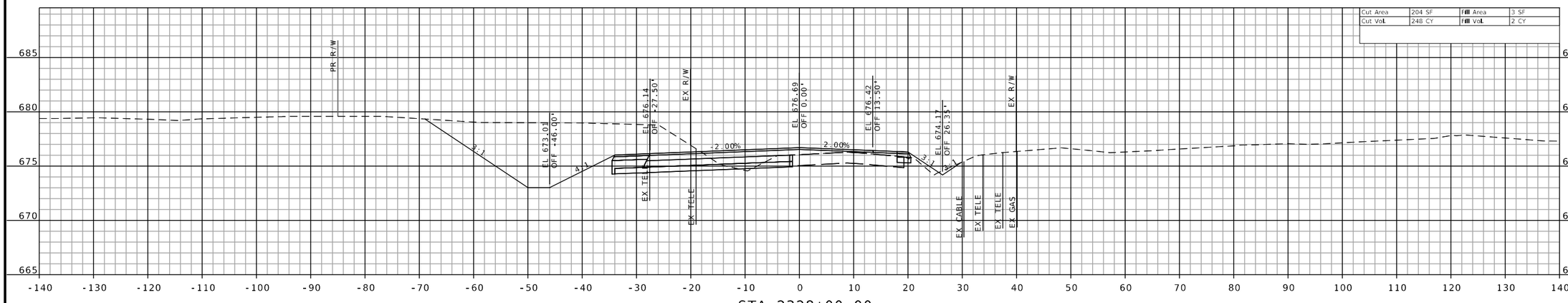
St. Louis
720 Olive, Suite 700
St. Louis, MO 63101
314.588.8881

St. Charles
820 South Main, Suite 309
St. Charles, MO 63301
636.493.6277

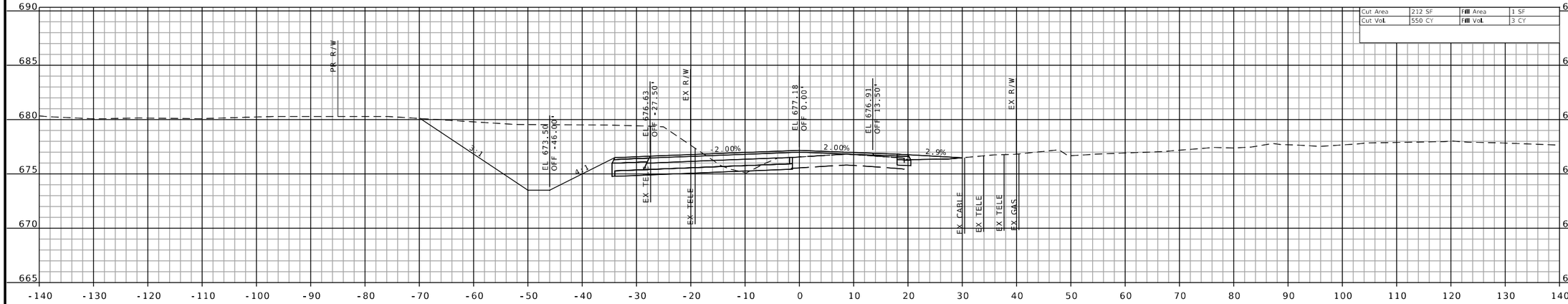
www.oatesassociates.com



STA 2329+00.00



STA 2328+00.00



STA 2327+67.83
PE RT

CROSS SECTIONS SHEETS
SHEET 139 OF 160

H:\P\222102 - Route 47 Pavement, Safety, and Shoulder Improvements\CADD\Microstation\CADD Drawings\Testing\JNE0003 - sht-xsec-003.dgn 2:35:51 PM 8/26/2025

STATE OF MISSOURI
JEFFREY R. RENSING
NUMBER PE-2006012376
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
8/26/2025

ROUTE	STATE
47	MO
DISTRICT	SHEET NO.
NE	139

COUNTY
LINCOLN

JOB NO.
JNE0003

CONTRACT ID.
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PROJECT NO.
.

BRIDGE NO.
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DESCRIPTION	DATE
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IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

MoDOT

OATES ASSOCIATES

Collinsville
100 Lamer Court, Suite 1
Collinsville, IL 62234
618.345.2200

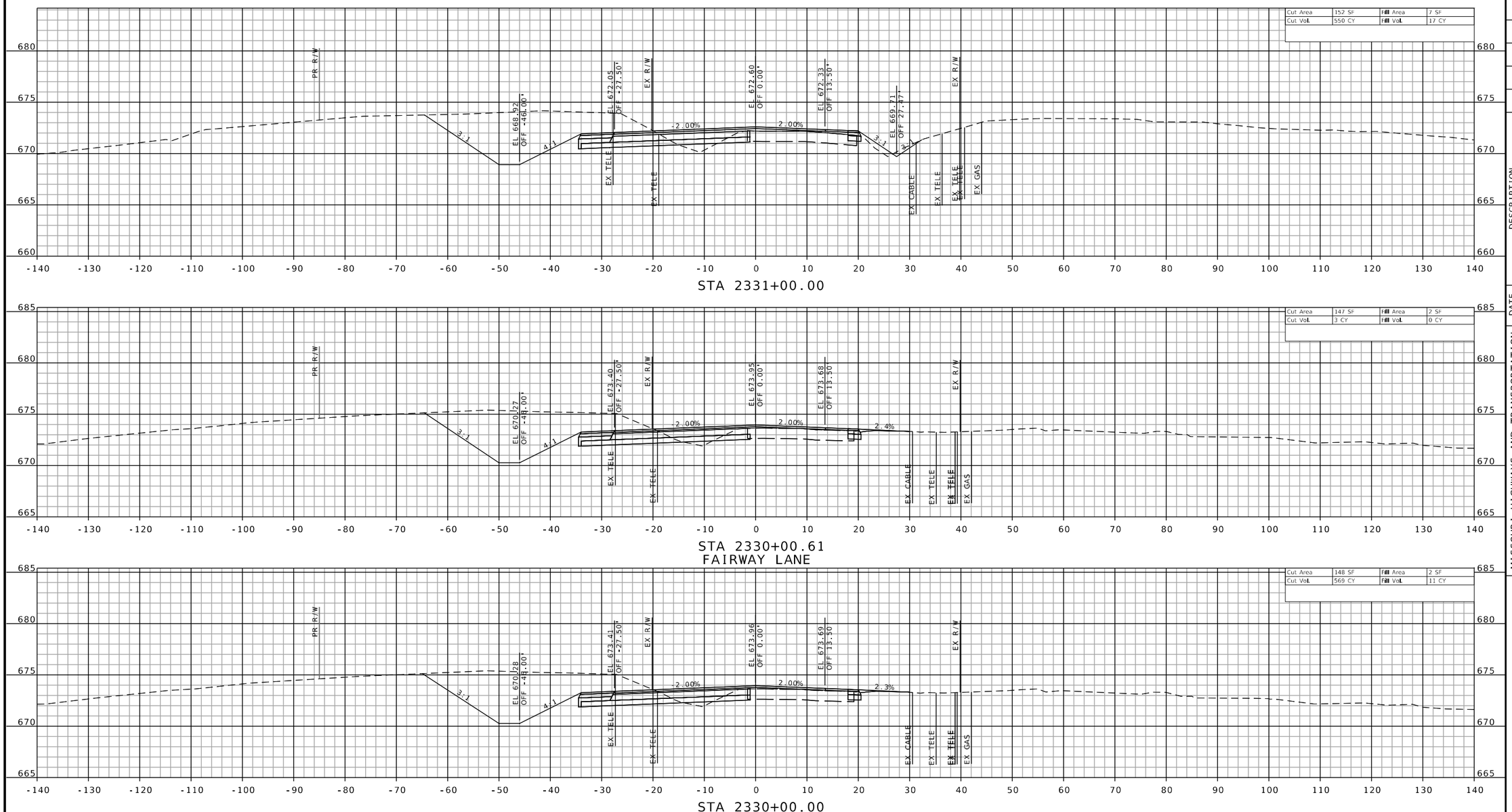
Belleville
1 South Church, Suite 200
Belleville, IL 62220
618.416.4588

St. Louis
720 Olive, Suite 700
St. Louis, MO 63101
314.588.8881

St. Charles
820 South Main, Suite 309
St. Charles, MO 63301
636.493.6277

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MISSOURI DESIGN FIRM PE-001166



CROSS SECTIONS SHEETS
SHEET 140 OF 160

STATE OF MISSOURI
JEFFREY R. RENSING
NUMBER PE-2006012376
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
8/26/2025

ROUTE	STATE
47	MO
DISTRICT	SHEET NO.
NE	140

COUNTY
LINCOLN

JOB NO.
JNE0003

CONTRACT ID.
.

PROJECT NO.
.

BRIDGE NO.
.

DESCRIPTION	DATE
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IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

OATES ASSOCIATES

Collinsville
100 Lanter Court, Suite 1
Collinsville, IL 62234
618.345.2200

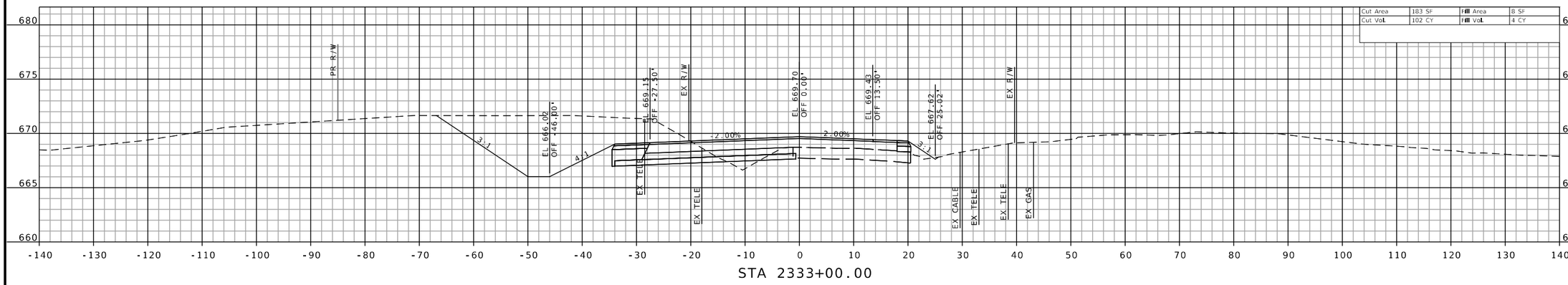
Belleville
1 South Church, Suite 200
Belleville, IL 62220
618.416.4888

St. Louis
720 Olive, Suite 700
St. Louis, MO 63101
314.288.8881

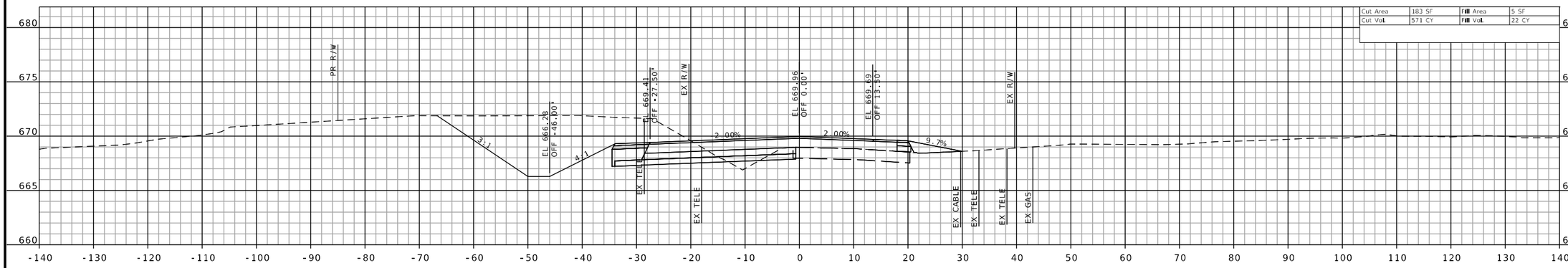
St. Charles
820 South Main, Suite 399
St. Charles, MO 63301
636.493.6277

www.oatesassociates.com

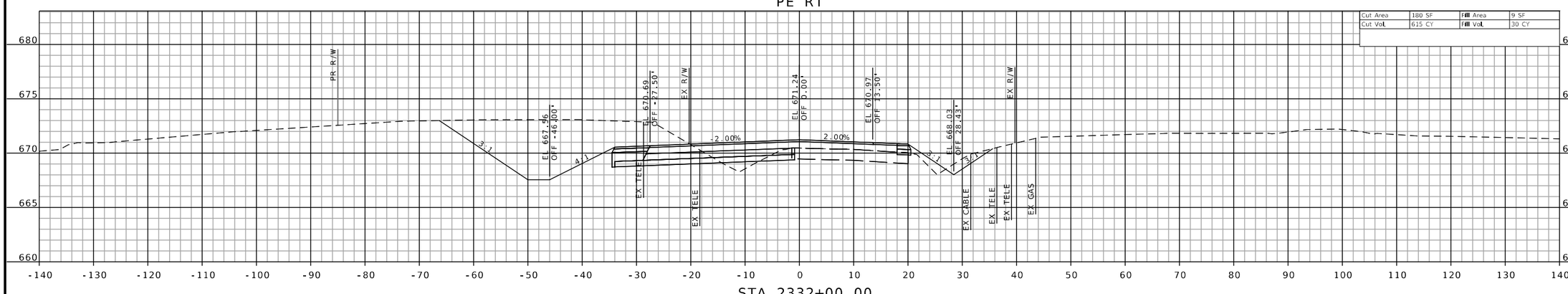
MISSOURI DESIGN FIRM PE-001166



STA 2333+00.00



STA 2332+84.98
PE RT



STA 2332+00.00

CROSS SECTIONS SHEETS
SHEET 141 OF 160

STATE OF MISSOURI
JEFFREY R. RENSING
NUMBER PE-2006012376
PROFESSIONAL ENGINEER

"THIS SHEET" HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
8/26/2025

ROUTE	STATE
47	MO
DISTRICT	SHEET NO.
NE	141

COUNTY
LINCOLN

JOB NO.
JNE0003

CONTRACT ID.
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PROJECT NO.
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BRIDGE NO.
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DESCRIPTION	DATE
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IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

OATES ASSOCIATES

Collinsville
100 Lanzer Court, Suite 1
Collinsville, IL 62234
618-343-2200

Belleville
1 South Church, Suite 200
Belleville, IL 62220
618-416-6688

St. Louis
720 Olive, Suite 700
St. Louis, MO 63101
314-588-8281

St. Charles
820 South Main, Suite 309
St. Charles, MO 63301
636-493-8277

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MISSOURI DESIGN FIRM PE-001166

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CROSS SECTIONS SHEETS
SHEET 142 OF 160

STATE OF MISSOURI
JEFFREY R. RENSING
NUMBER PE-2006012376
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
8/26/2025

ROUTE	STATE
47	MO
DISTRICT	SHEET NO.
NE	142

COUNTY
LINCOLN

JOB NO.
JNE0003

CONTRACT ID.
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PROJECT NO.
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BRIDGE NO.
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DATE	DESCRIPTION
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IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

OATES ASSOCIATES

Collinsville
100 Lamer Court, Suite 1
Collinsville, IL 62234
618.345.2200

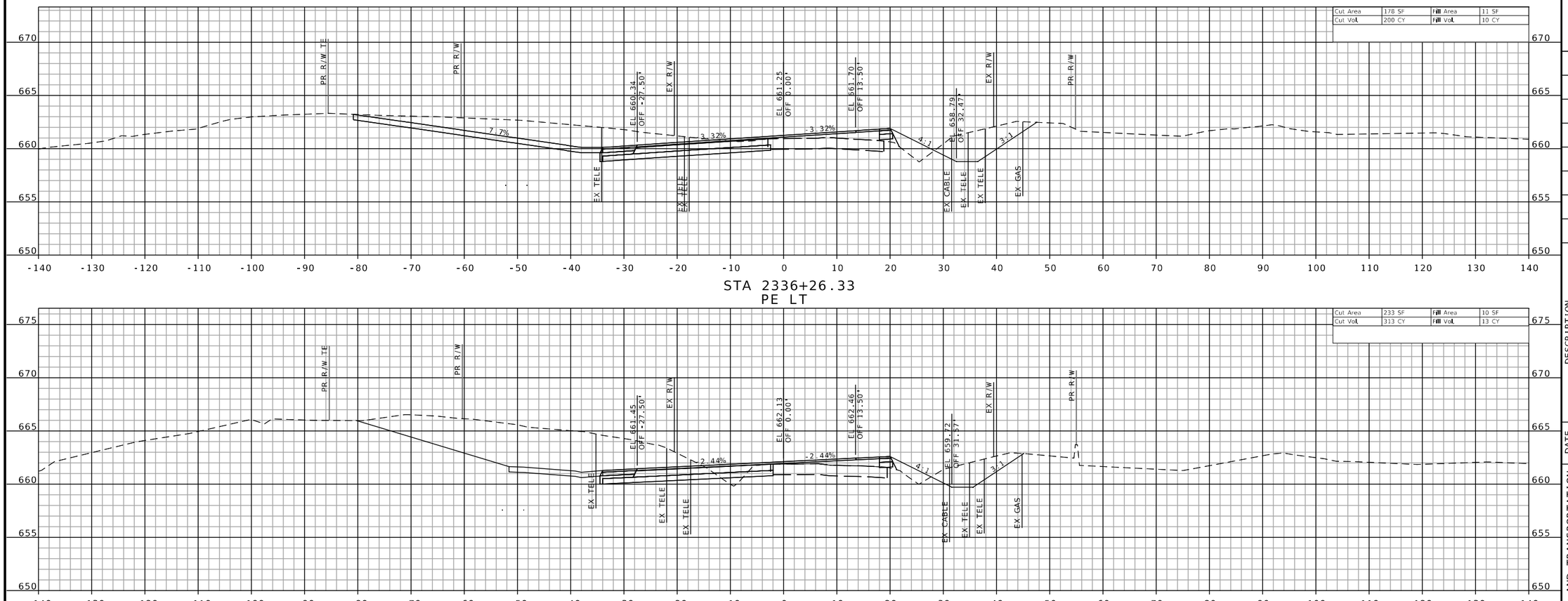
Belleville
1 South Church, Suite 200
Belleville, IL 62220
618.416.4588

St. Louis
720 Olive, Suite 700
St. Louis, MO 63101
314.588.8881

St. Charles
820 South Main, Suite 309
St. Charles, MO 63301
636.493.6277

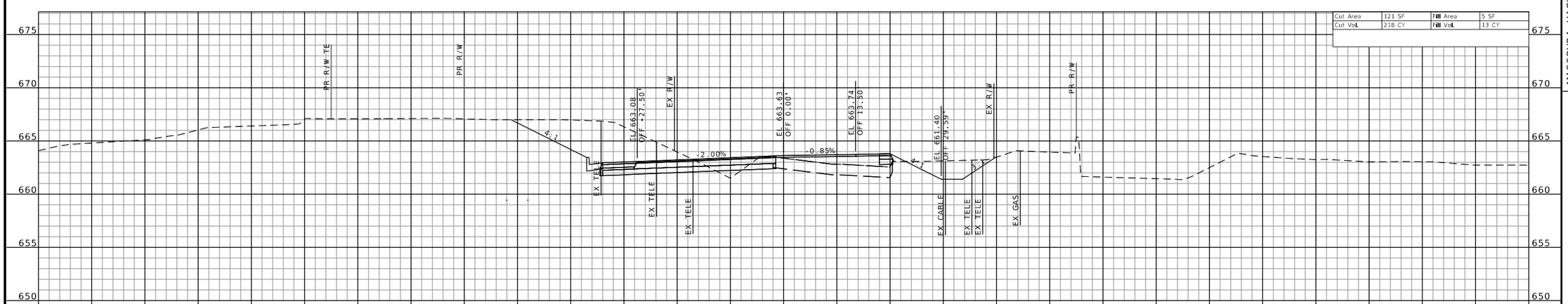
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MISSOURI DESIGN FIRM PE-001166



STA 2336+26.33
PE LT

STA 2336+00.00



STA 2335+52.23
PE RT

CROSS SECTIONS SHEETS
SHEET 143 OF 160

STATE OF MISSOURI
JEFFREY R. RENSING
NUMBER PE-2006012376
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
8/26/2025

ROUTE	STATE
47	MO
DISTRICT	SHEET NO.
NE	143

COUNTY
LINCOLN

JOB NO.
JNE0003

CONTRACT ID.
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PROJECT NO.
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BRIDGE NO.
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DESCRIPTION	DATE
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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

St. Louis
720 Olive, Suite 700
St. Louis, MO 63101
314.588.8381

St. Charles
820 South Main, Suite 309
St. Charles, MO 63301
636.493.6277

Collinsville
100 Lanter Court, Suite 1
Collinsville, IL 62234
618.345.2000

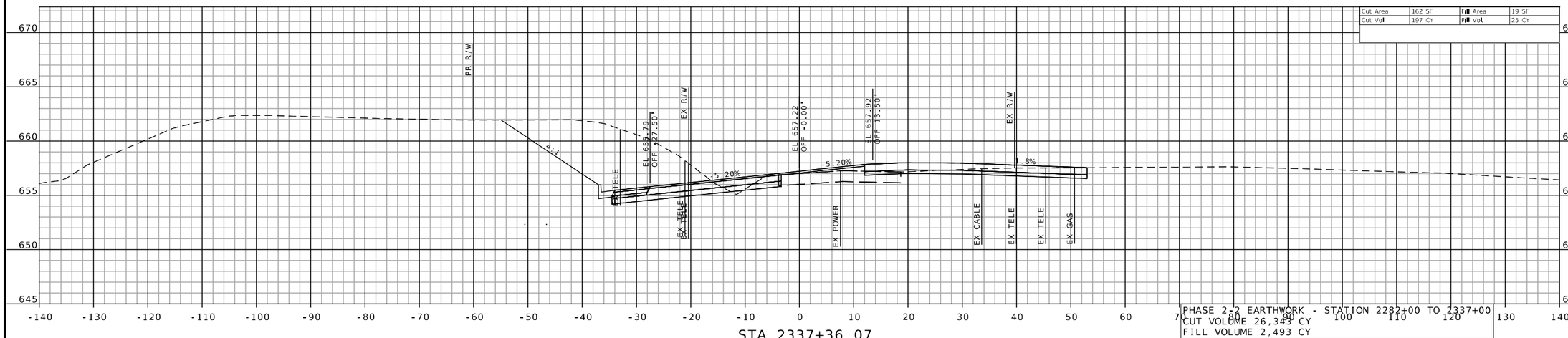
Belleville
1 South Church, Suite 200
Belleville, IL 62220
618.416.4888

www.oatesassociates.com

MISSOURI DESIGN FIRM PE-001166

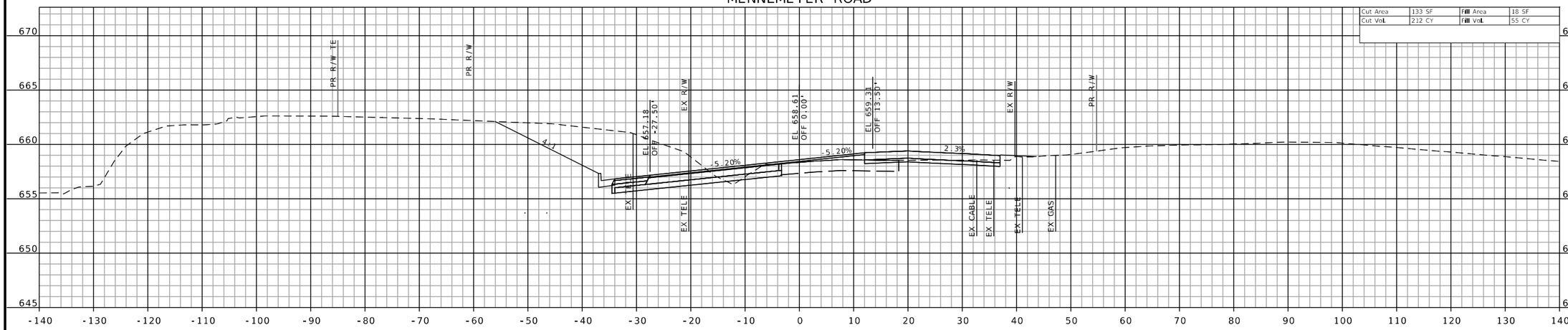
OATES ASSOCIATES

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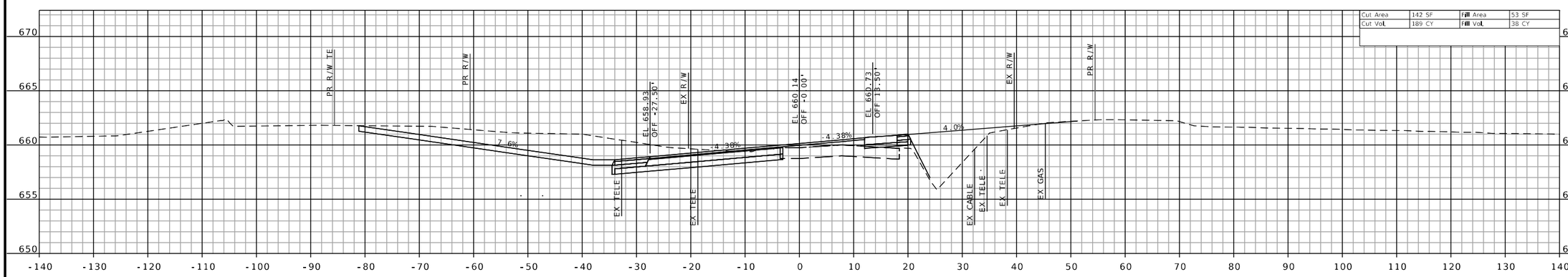


PHASE 2-2 EARTHWORK - STATION 2282+00 TO 2337+00
CUT VOLUME 26,343 CY
FILL VOLUME 2,493 CY

STA 2337+36.07
MENNEMEYER ROAD



STA 2337+00.00



STA 2336+58.30
PE LT

CROSS SECTIONS SHEETS
SHEET 144 OF 160

H:\P\222102 - Route 47 Pavement, Safety, and Shoulder Improvements\CADD\Microstation\CADD Drawings\Testing\JNE0003 - sht-xsec-003.dgn 2:39:42 PM 8/26/2025

STATE OF MISSOURI
JEFFREY R. RENSING
NUMBER PE-2006012376
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
8/26/2025

ROUTE	STATE
47	MO
DISTRICT	SHEET NO.
NE	144

COUNTY
LINCOLN

JOB NO.
JNE0003

CONTRACT ID.
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PROJECT NO.
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BRIDGE NO.
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DESCRIPTION	DATE
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IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

MoDOT

OATES ASSOCIATES

Collinsville
100 Lamper Court, Suite 1
Collinsville, IL 62234
618.345.2200

Belleville
1 South Church, Suite 200
Belleville, IL 62220
618.416.6688

St. Louis
720 Olive, Suite 700
St. Louis, MO 63101
314.588.8881

St. Charles
820 South Main, Suite 309
St. Charles, MO 63301
636.493.6277

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MISSOURI DESIGN FIRM PE-001166

CROSS SECTIONS SHEETS
SHEET 145 OF 160

H:\P\222102 - Route 47 Pavement, Safety, and Shoulder Improvements\CADD\Microstation\CADD Drawings\Testing\JNE0003 - sht-xsec-003.dgn 2:40:26 PM 8/26/2025

STATE OF MISSOURI
JEFFREY R. RENSING
NUMBER PE-2006012376
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
8/26/2025

ROUTE	STATE
47	MO
DISTRICT	SHEET NO.
NE	145

COUNTY
LINCOLN

JOB NO.
JNE0003

CONTRACT ID.
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PROJECT NO.
.

BRIDGE NO.
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DESCRIPTION	DATE
.	.

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

OATES ASSOCIATES

Collinsville
101 Lanzer Court, Suite 1
Collinsville, IL 62234
618.345.2200

Belleville
1 South Church, Suite 200
Belleville, IL 62220
618.416.4688

St. Louis
720 Olive, Suite 700
St. Louis, MO 63101
314.588.8881

St. Charles
820 South Main, Suite 309
St. Charles, MO 63301
636.493.6277

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MISSOURI DESIGN FIRM PE-001166

CROSS SECTIONS SHEETS
SHEET 146 OF 160

STATE OF MISSOURI
JEFFREY R. RENSING
NUMBER PE-2006012376
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
8/26/2025

ROUTE	STATE
47	MO
DISTRICT	SHEET NO.
NE	146

COUNTY
LINCOLN

JOB NO.
JNE0003

CONTRACT ID.
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PROJECT NO.
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BRIDGE NO.
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DATE	DESCRIPTION
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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

OATES ASSOCIATES
MISSOURI DESIGN FIRM PE-001166

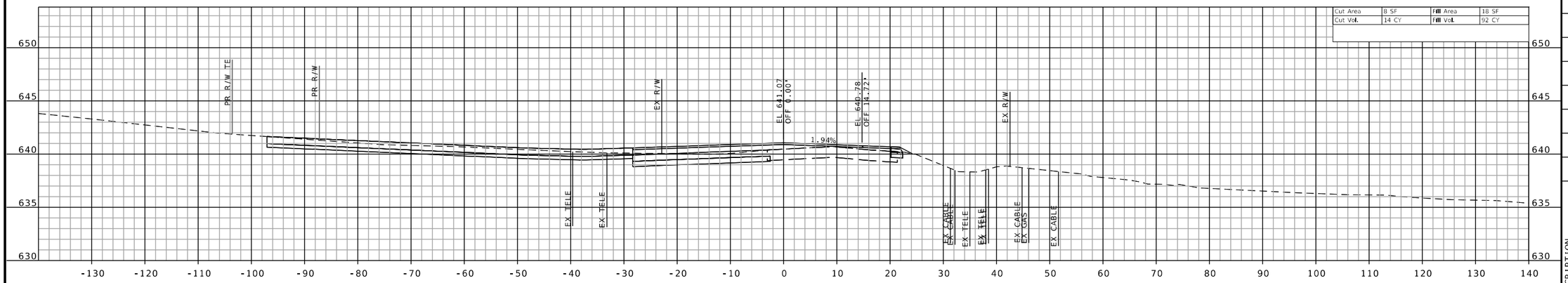
Collinsville
100 Lamper Court, Suite 1
Collinsville, IL 62234
618.345.2200

Belleville
1 South Church, Suite 200
Belleville, IL 62220
618.416.6688

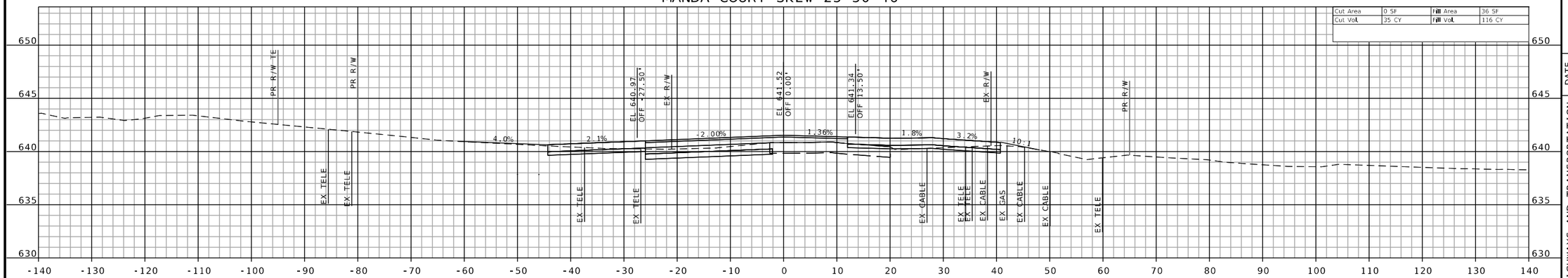
St. Louis
720 Olive, Suite 700
St. Louis, MO 63101
314.588.8881

St. Charles
820 South Main, Suite 309
St. Charles, MO 63301
636.493.6277

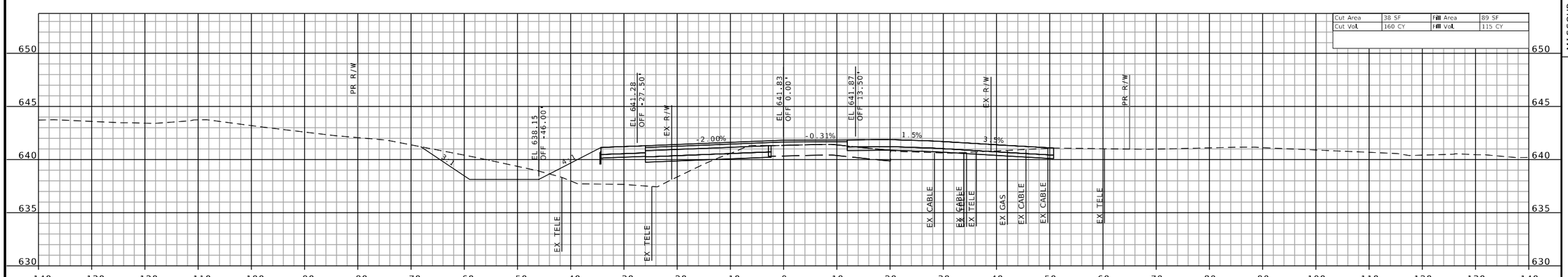
www.oatesassociates.com



STA 2343+92.29
MANDA COURT SKEW 23°30'46"



STA 2343+00.00



STA 2342+50.06
WOODCREST DRIVE

CROSS SECTIONS SHEETS
SHEET 147 OF 160

STATE OF MISSOURI
JEFFREY R. RENSING
NUMBER PE-2006012376
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
8/26/2025

ROUTE	STATE
47	MO
DISTRICT	SHEET NO.
NE	147

COUNTY
LINCOLN

JOB NO.
JNE0003

CONTRACT ID.
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PROJECT NO.
.

BRIDGE NO.
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DESCRIPTION	DATE
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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

OATES ASSOCIATES

St. Louis
720 Olive, Suite 700
St. Louis, MO 63101
314.588.8381

St. Charles
820 South Main, Suite 309
St. Charles, MO 63301
636.493.6277

Collinsville
100 Lamer Court, Suite 1
Collinsville, IL 62234
618.345.2200

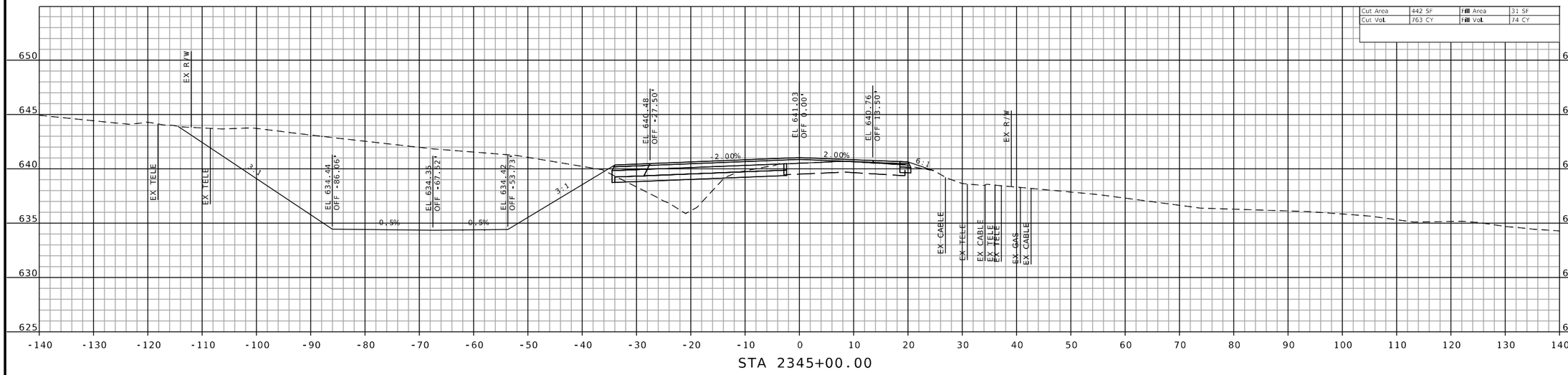
Belleville
1 South Church, Suite 200
Belleville, IL 62220
618.416.4488

www.oatesassociates.com

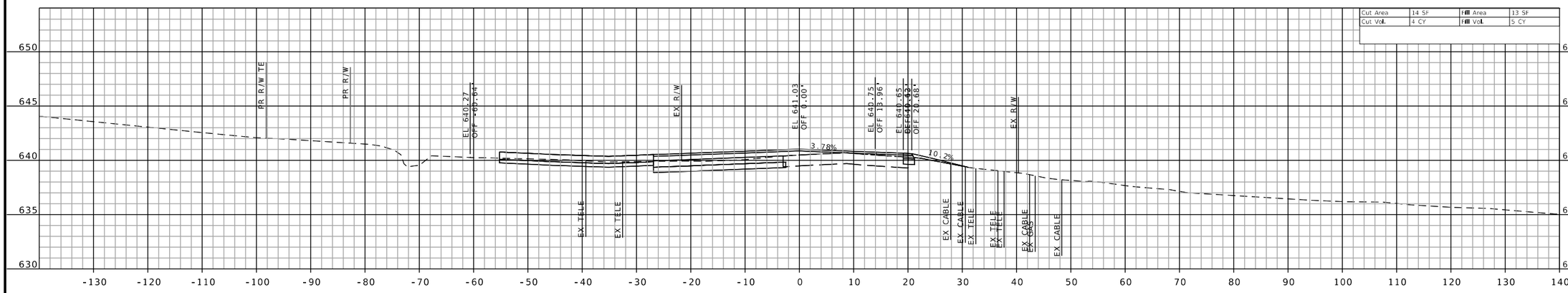
MISSOURI DESIGN FIRM PE-001166

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

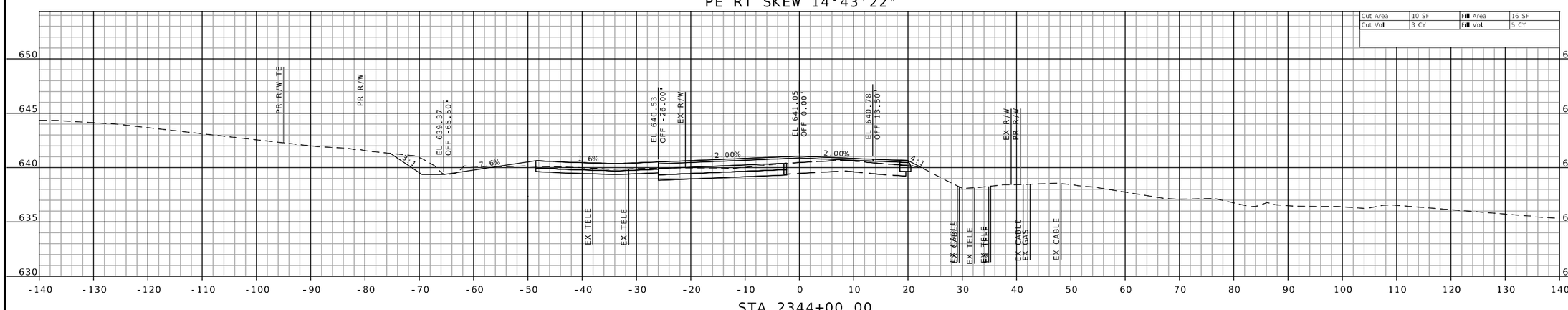
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STA 2345+00.00



STA 2344+09.73
PE RT SKEW 14°43'22"



STA 2344+00.00

CROSS SECTIONS SHEETS
SHEET 148 OF 160

STATE OF MISSOURI
JEFFREY R. RENSING
NUMBER PE-2006012376
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
8/26/2025

ROUTE	STATE
47	MO
DISTRICT	SHEET NO.
NE	148

COUNTY
LINCOLN

JOB NO.
JNE0003

CONTRACT ID.
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PROJECT NO.
.

BRIDGE NO.
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DESCRIPTION	DATE
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IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

OATES ASSOCIATES

Collinsville
100 Lamger Court, Suite 1
Collinsville, IL 62234
618.345.2200

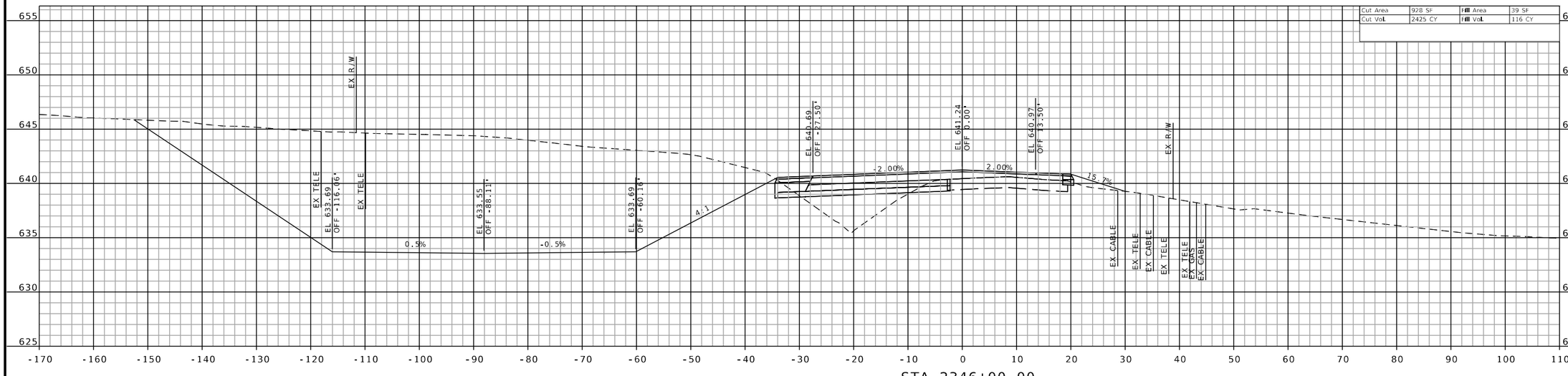
Belleville
1 South Church, Suite 200
Belleville, IL 62220
618.416.4488

St. Louis
720 Olive, Suite 700
St. Louis, MO 63101
314.588.8381

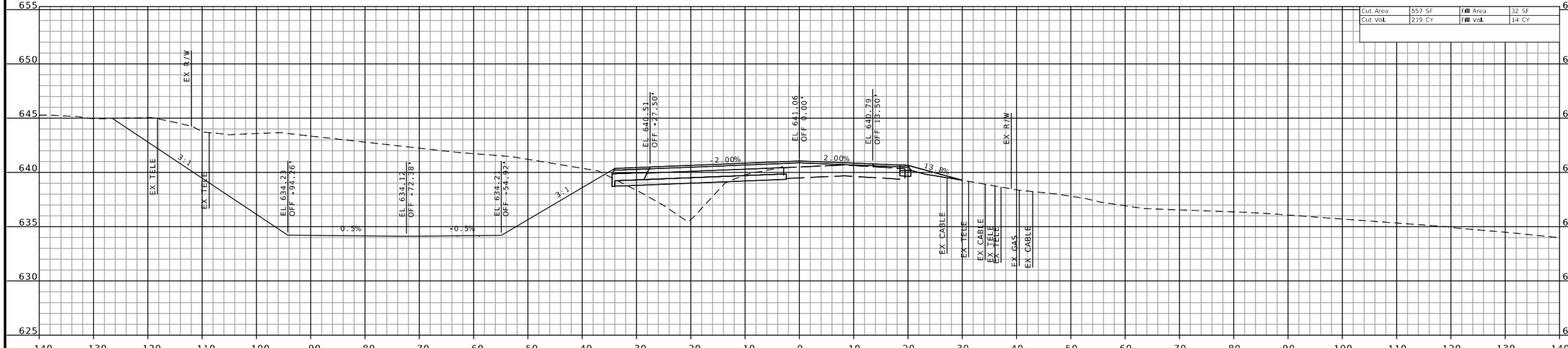
St. Charles
820 South Main, Suite 309
St. Charles, MO 63301
636.493.6277

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MISSOURI DESIGN FIRM PE-001166



STA 2346+00.00



STA 2345+11.85
PE RT

CROSS SECTIONS SHEETS
SHEET 149 OF 160

STATE OF MISSOURI
JEFFREY R. RENSING
NUMBER PE-2006012376
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
8/26/2025

ROUTE	STATE
47	MO
DISTRICT	SHEET NO.
NE	149

COUNTY
LINCOLN

JOB NO.
JNE0003

CONTRACT ID.
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PROJECT NO.
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BRIDGE NO.
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DATE	DESCRIPTION
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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

MoDOT

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Collinsville
100 Lamper Court, Suite 1
Collinsville, IL 62234
618.343.2200

Belleville
1 South Church, Suite 200
Belleville, IL 62220
618.416.4688

St. Louis
720 Olive, Suite 700
St. Louis, MO 63101
314.588.8381

St. Charles
820 South Main, Suite 309
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MISSOURI DESIGN FIRM PE-001166

CROSS SECTIONS SHEETS
SHEET 150 OF 160

STATE OF MISSOURI
JEFFREY R. RENSING
NUMBER PE-2006012376
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
8/26/2025

ROUTE	STATE
47	MO
DISTRICT	SHEET NO.
NE	150

COUNTY
LINCOLN

JOB NO.
JNE0003

CONTRACT ID.
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PROJECT NO.
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BRIDGE NO.
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DESCRIPTION	DATE
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IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

OATES ASSOCIATES

Collinsville
100 Lamper Court, Suite 1
Collinsville, IL 62234
618-343-2200

Belleville
1 South Church, Suite 200
Belleville, IL 62220
618-416-4488

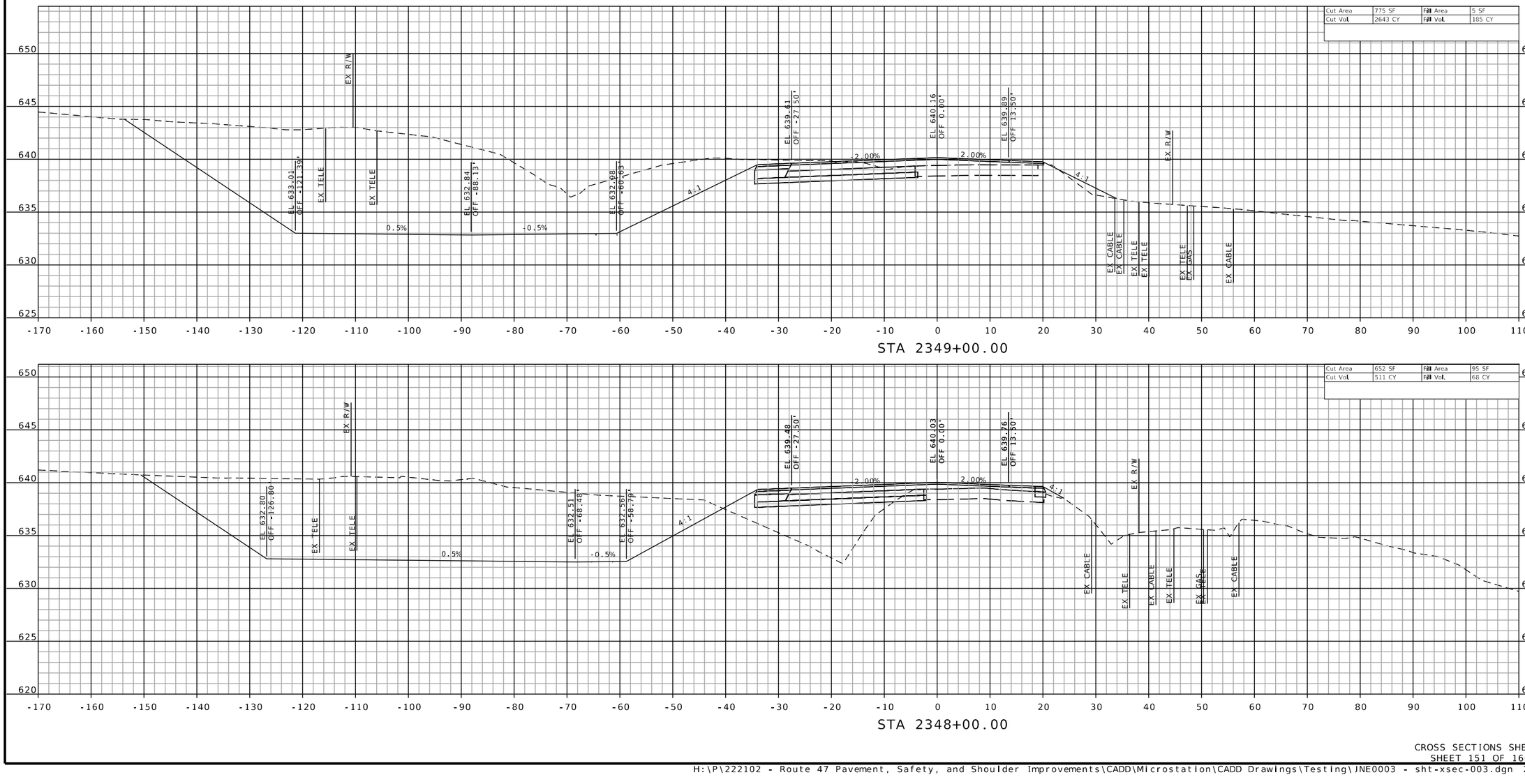
St. Louis
720 Olive, Suite 700
St. Louis, MO 63101
314-588-8381

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CROSS SECTIONS SHEETS
SHEET 151 OF 160

STATE OF MISSOURI
JEFFREY R. RENSING
NUMBER PE-2006012376
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
8/26/2025

ROUTE	STATE
47	MO
DISTRICT	SHEET NO.
NE	151

COUNTY
LINCOLN

JOB NO.
JNE0003

CONTRACT ID.
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PROJECT NO.
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BRIDGE NO.
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DESCRIPTION	DATE
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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Collinsville
100 Lamer Court, Suite 1
Collinsville, IL 62234
618.345.2200

Belleville
1 South Church, Suite 200
Belleville, IL 62220
618.416.4588

St. Louis
720 Olive, Suite 700
St. Louis, MO 63101
314.588.8581

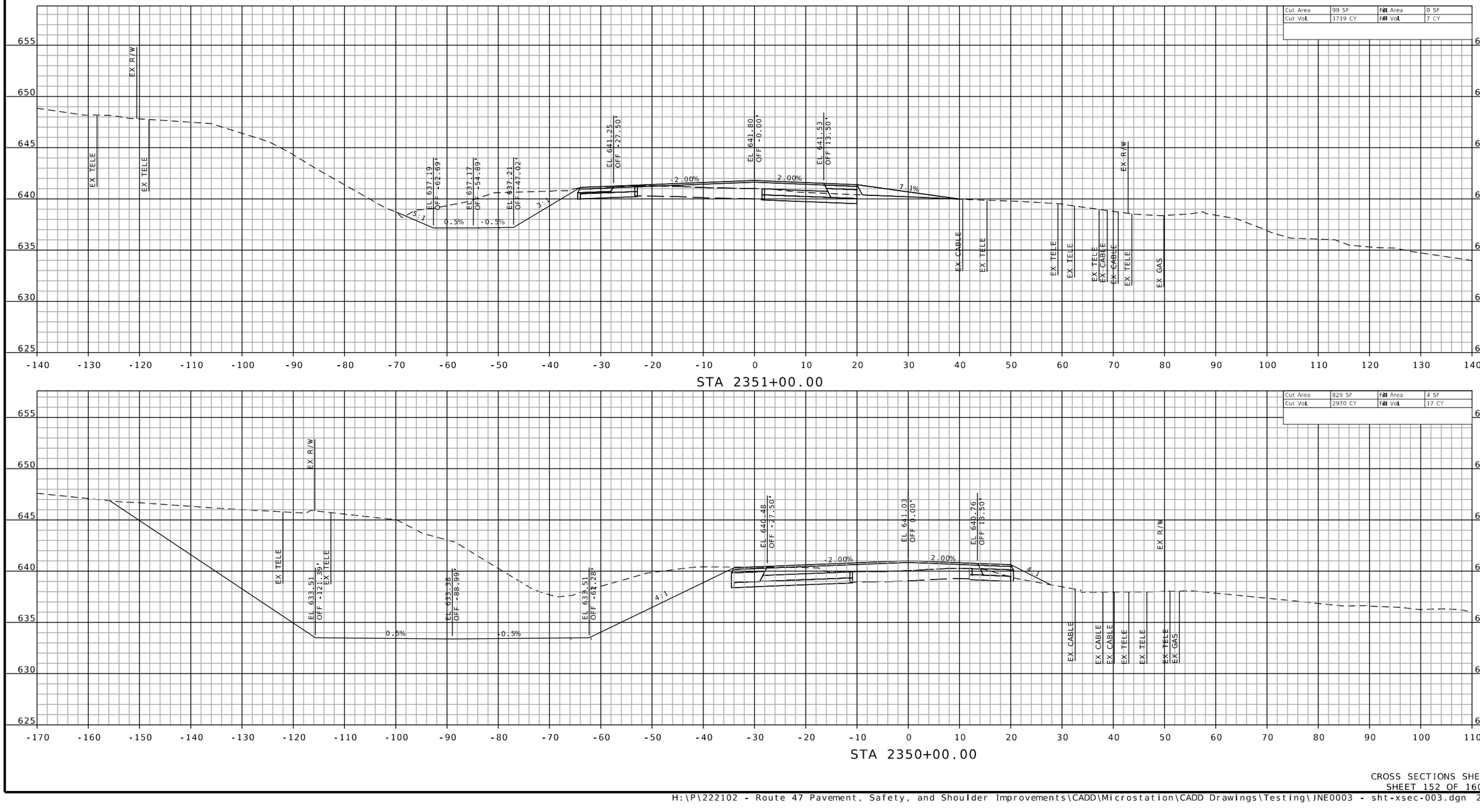
St. Charles
820 South Main, Suite 309
St. Charles, MO 63301
636.493.6277

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MISSOURI DESIGN FIRM PE-001166

OATES ASSOCIATES

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CROSS SECTIONS SHEETS
SHEET 152 OF 160

STATE OF MISSOURI
JEFFREY R. RENSING
NUMBER PE-2006012376
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
8/26/2025

ROUTE	STATE
47	MO
DISTRICT	SHEET NO.
NE	152

COUNTY
LINCOLN

JOB NO.
JNE0003

CONTRACT ID.
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PROJECT NO.
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BRIDGE NO.
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IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

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Collinsville, IL 62234
618.345.2200

Belleville
1 South Church, Suite 200
Belleville, IL 62220
618.416.6688

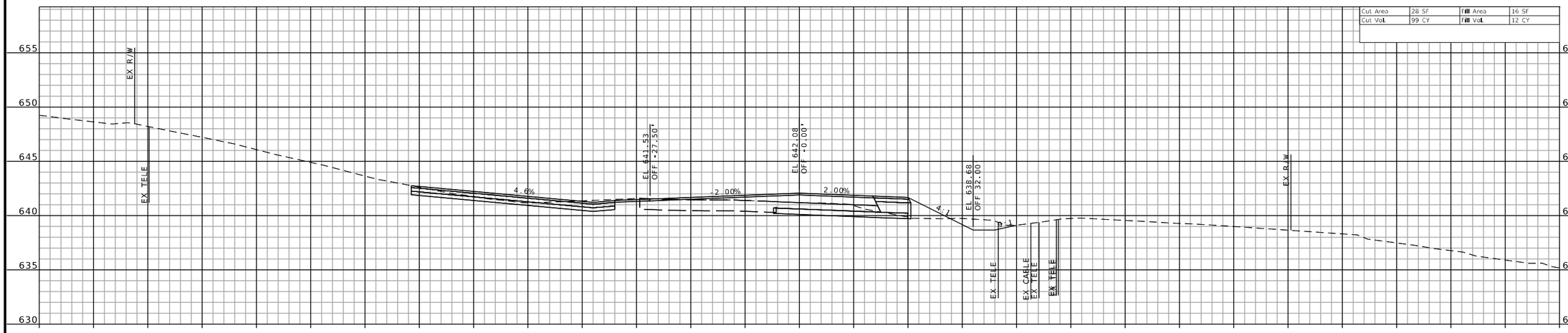
St. Louis
720 Olive, Suite 700
St. Louis, MO 63101
314.588.8381

St. Charles
820 South Main, Suite 309
St. Charles, MO 63301
636.493.6277

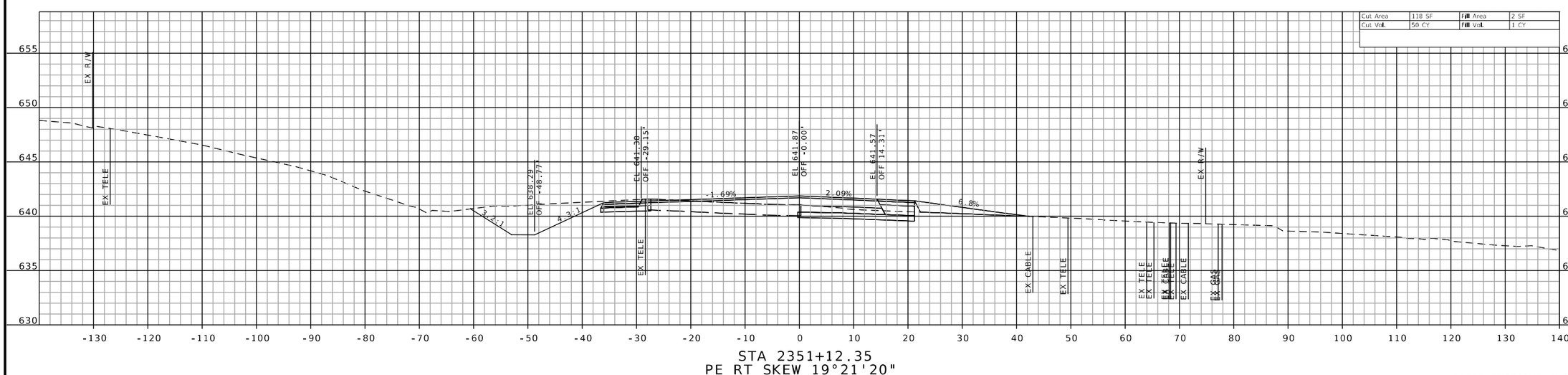
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STA 2351+48.99
PE LT



STA 2351+12.35
PE RT SKEW 19°21'20"

CROSS SECTIONS SHEETS
SHEET 153 OF 160

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STATE OF MISSOURI
JEFFREY R. RENSING
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PROFESSIONAL ENGINEER

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DATE PREPARED
8/26/2025

ROUTE	STATE
47	MO
DISTRICT	SHEET NO.
NE	153

COUNTY
LINCOLN

JOB NO.
JNE0003

CONTRACT ID.
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PROJECT NO.
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BRIDGE NO.
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JEFFERSON CITY, MO 65102
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Collinsville
100 Lanter Court, Suite 1
Collinsville, IL 62234
618.345.2200

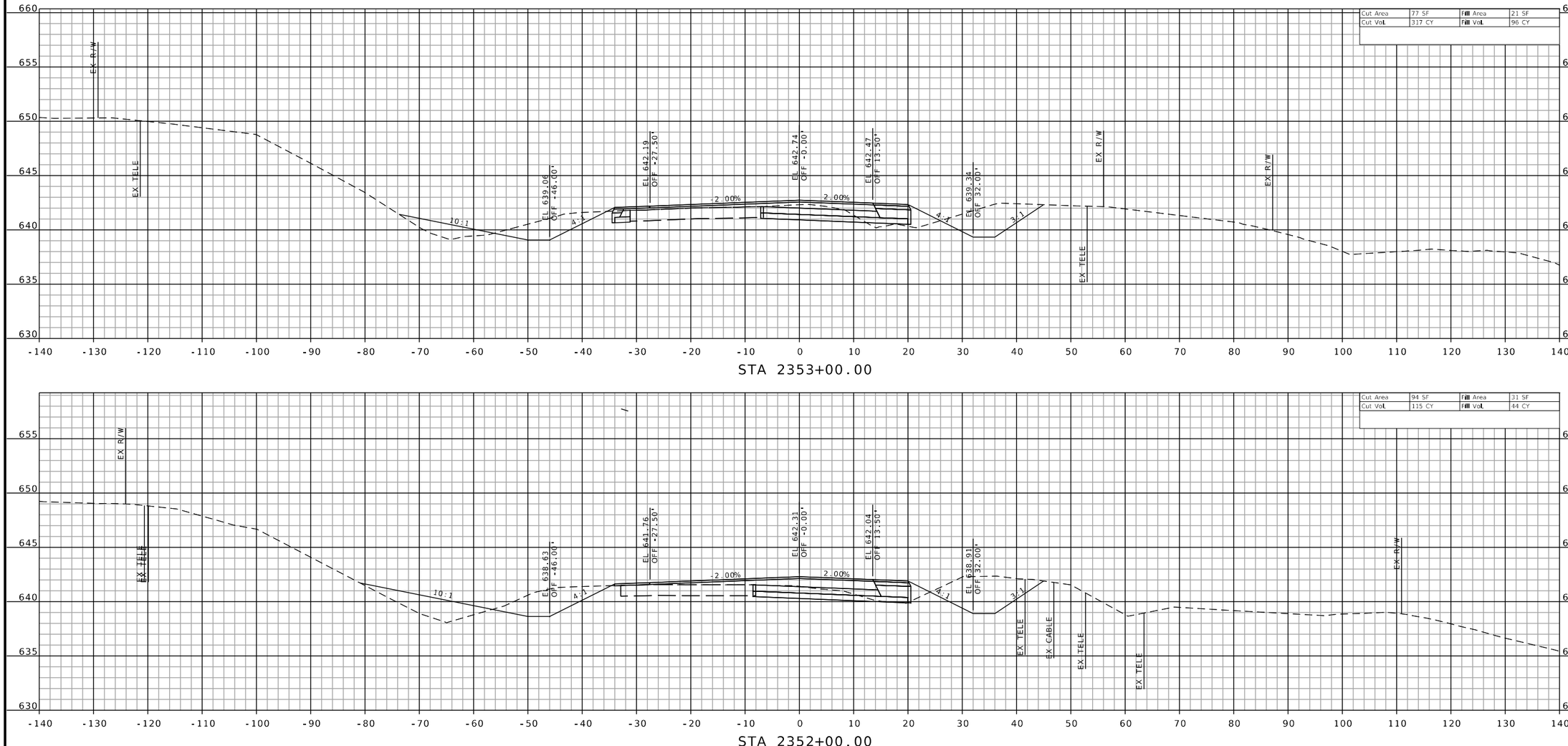
Belleville
1 South Church, Suite 200
Belleville, IL 62220
618.416.4888

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MISSOURI DESIGN FIRM PE-001166



CROSS SECTIONS SHEETS
SHEET 154 OF 160

STATE OF MISSOURI
JEFFREY R. RENSING
NUMBER PE-2006012376
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
8/26/2025

ROUTE	STATE
47	MO
DISTRICT	SHEET NO.
NE	154

COUNTY
LINCOLN

JOB NO.
JNE0003

CONTRACT ID.
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PROJECT NO.
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BRIDGE NO.
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DATE	DESCRIPTION
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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
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Collinsville
101 Lanter Court, Suite 1
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618.345.2200

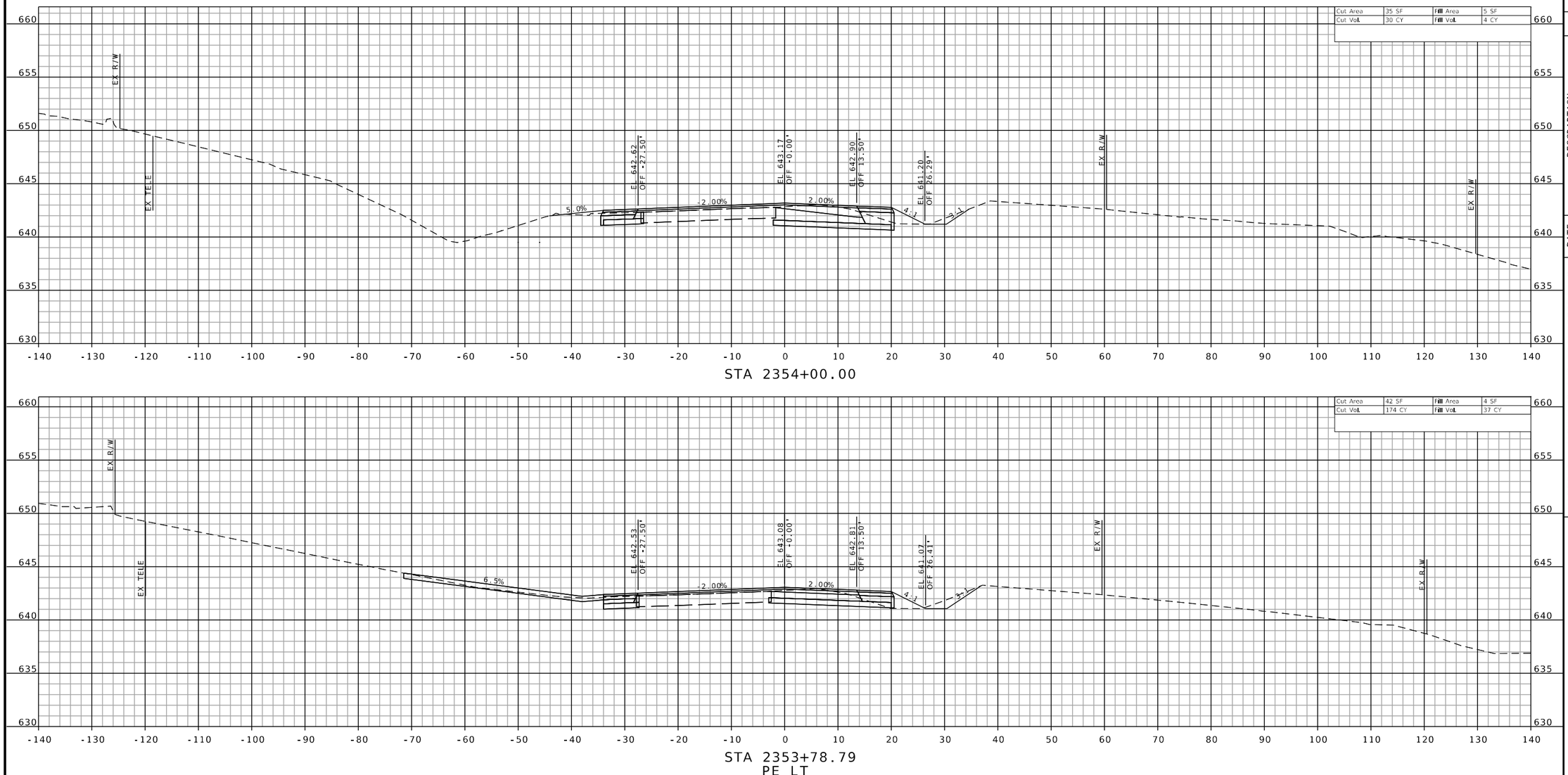
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1 South Church, Suite 200
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618.416.6488

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STA 2354+00.00

STA 2353+78.79
PE LT

CROSS SECTIONS SHEETS
SHEET 155 OF 160

STATE OF MISSOURI
JEFFREY R. RENSING
NUMBER PE-2006012376
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
8/26/2025

ROUTE	STATE
47	MO
DISTRICT	SHEET NO.
NE	155

COUNTY
LINCOLN

JOB NO.
JNE0003

CONTRACT ID.
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PROJECT NO.
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IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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1 South Church, Suite 200
Belleville, IL 62220
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St. Louis, MO 63101
314.588.8881

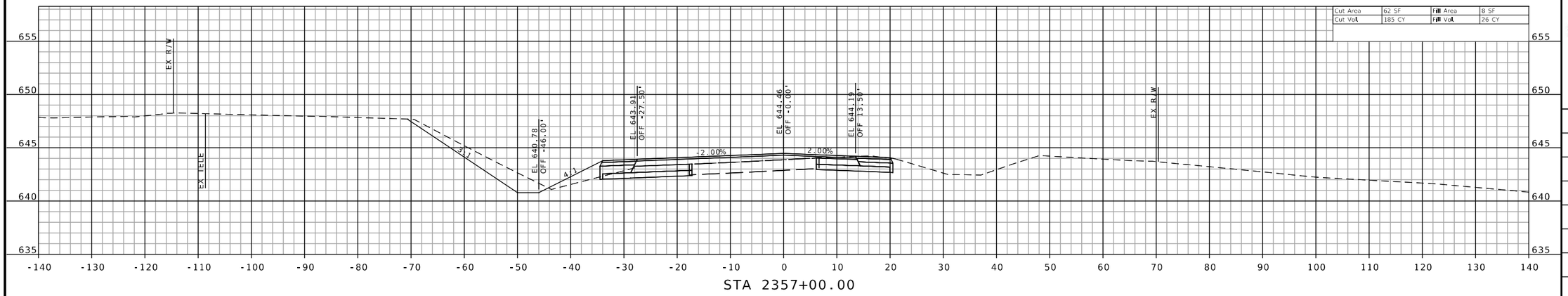
St. Charles
820 South Main, Suite 309
St. Charles, MO 63301
636.493.6277

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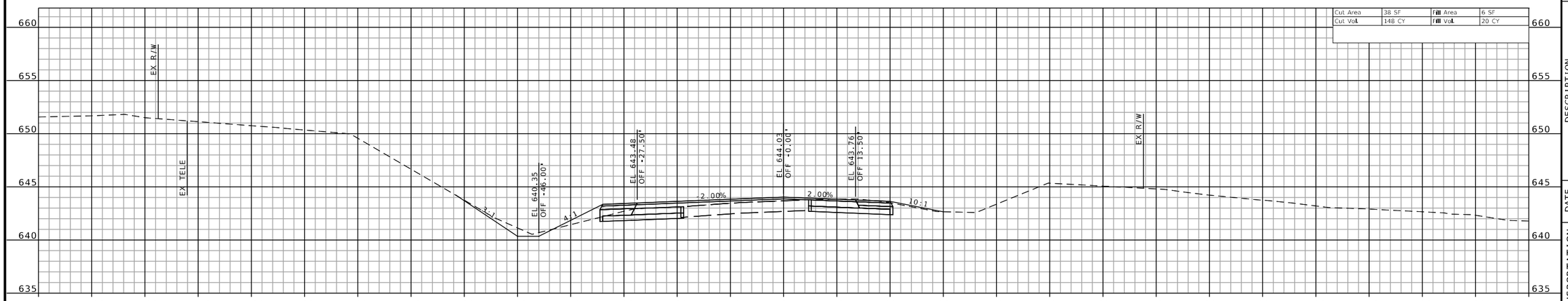
MISSOURI DESIGN FIRM PE-001166

OATES ASSOCIATES

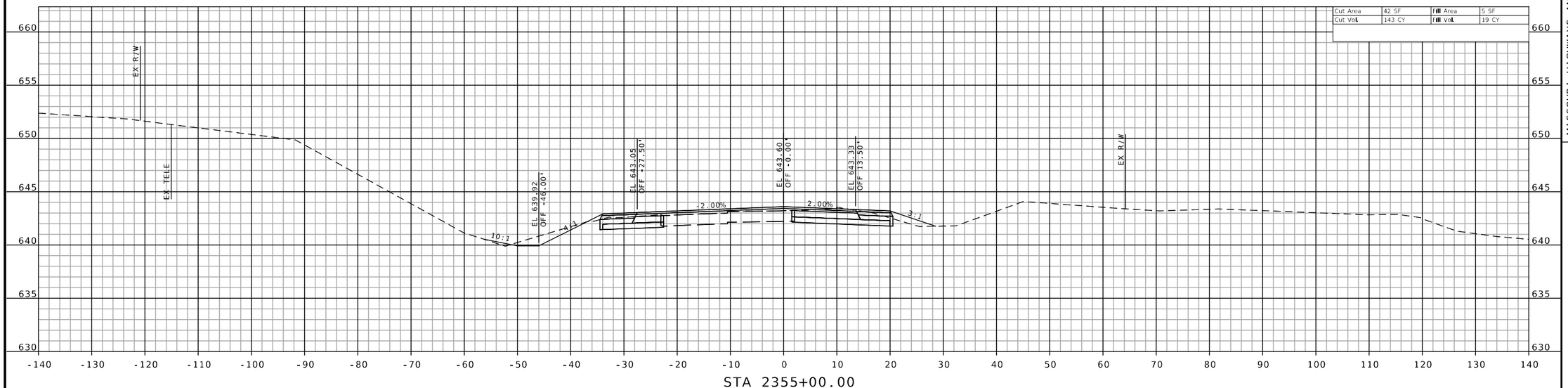
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STA 2357+00.00



STA 2356+00.00



STA 2355+00.00

CROSS SECTIONS SHEETS
SHEET 156 OF 160

STATE OF MISSOURI
JEFFREY R. RENSING
NUMBER PE-2006012376
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
8/26/2025

ROUTE	STATE
47	MO
DISTRICT	SHEET NO.
NE	156

COUNTY
LINCOLN

JOB NO.
JNE0003

CONTRACT ID.
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PROJECT NO.
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BRIDGE NO.
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DESCRIPTION	DATE
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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
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Belleville
1 South Church, Suite 200
Belleville, IL 62220
618-416-4688

St. Louis
720 Olive, Suite 700
St. Louis, MO 63101
314-588-8381

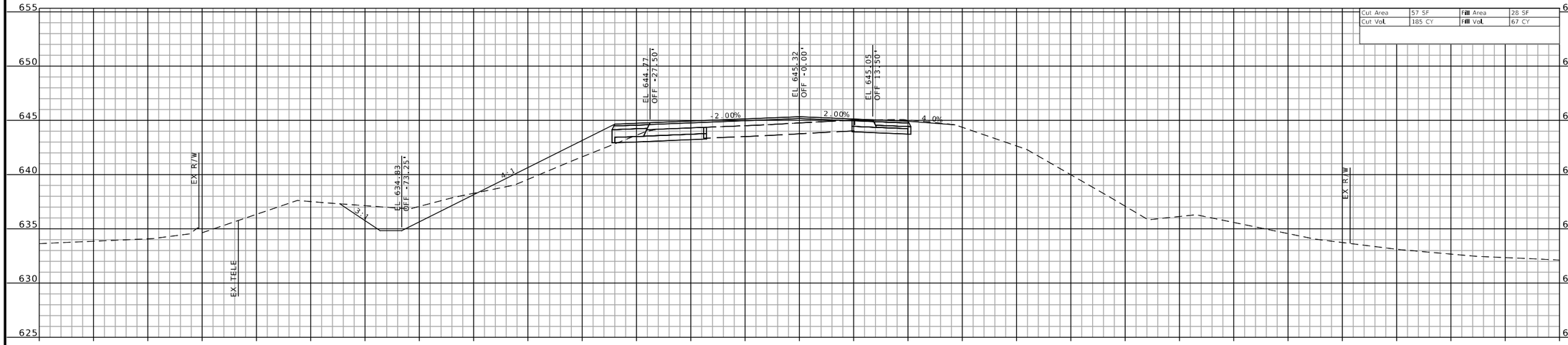
St. Charles
820 South Main, Suite 309
St. Charles, MO 63301
636-493-5277

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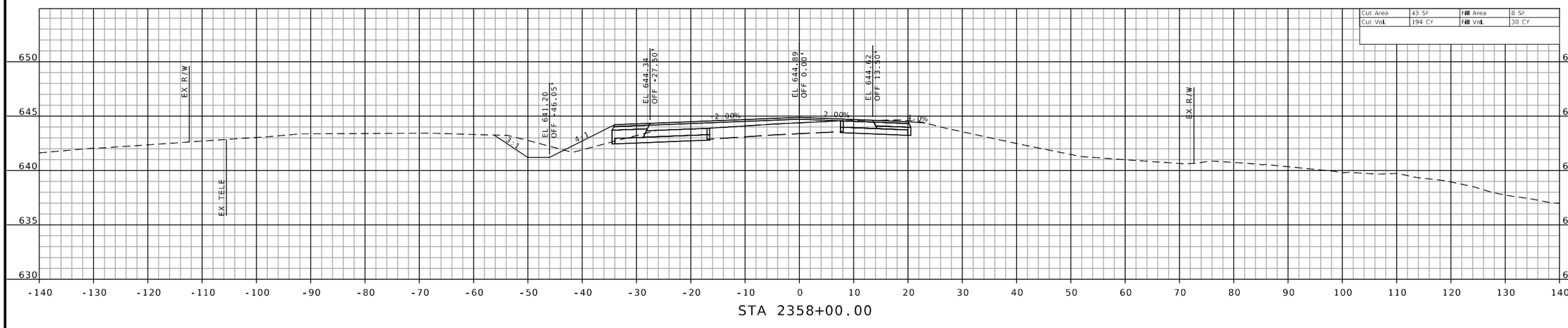
MISSOURI DESIGN FIRM PE-001166

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STA 2359+00.00



STA 2358+00.00

CROSS SECTIONS SHEETS
SHEET 157 OF 160

STATE OF MISSOURI
JEFFREY R. RENSING
NUMBER PE-2006012376
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
8/26/2025

ROUTE	STATE
47	MO
DISTRICT	SHEET NO.
NE	157

COUNTY
LINCOLN

JOB NO.
JNE0003

CONTRACT ID.
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PROJECT NO.
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BRIDGE NO.
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DESCRIPTION	DATE
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IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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1-888-ASK-MODOT (1-888-275-6636)

OATES ASSOCIATES

St. Louis
720 Olive, Suite 700
St. Louis, MO 63101
314.588.8381

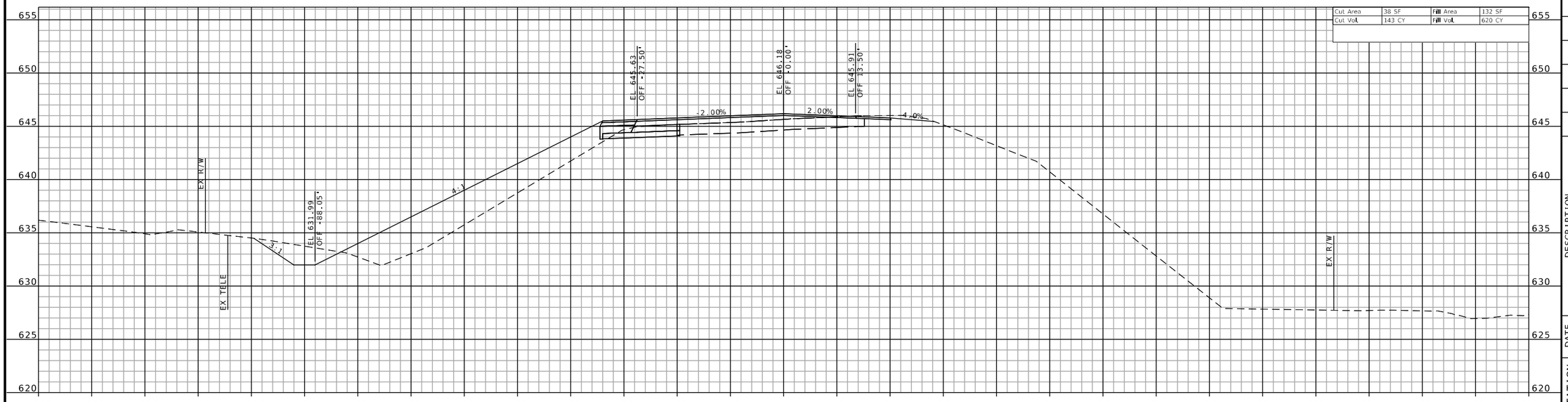
St. Charles
820 South Main, Suite 309
St. Charles, MO 63301
636.493.6277

Collinsville
100 Lanter Court, Suite 1
Collinsville, IL 62234
618.345.2200

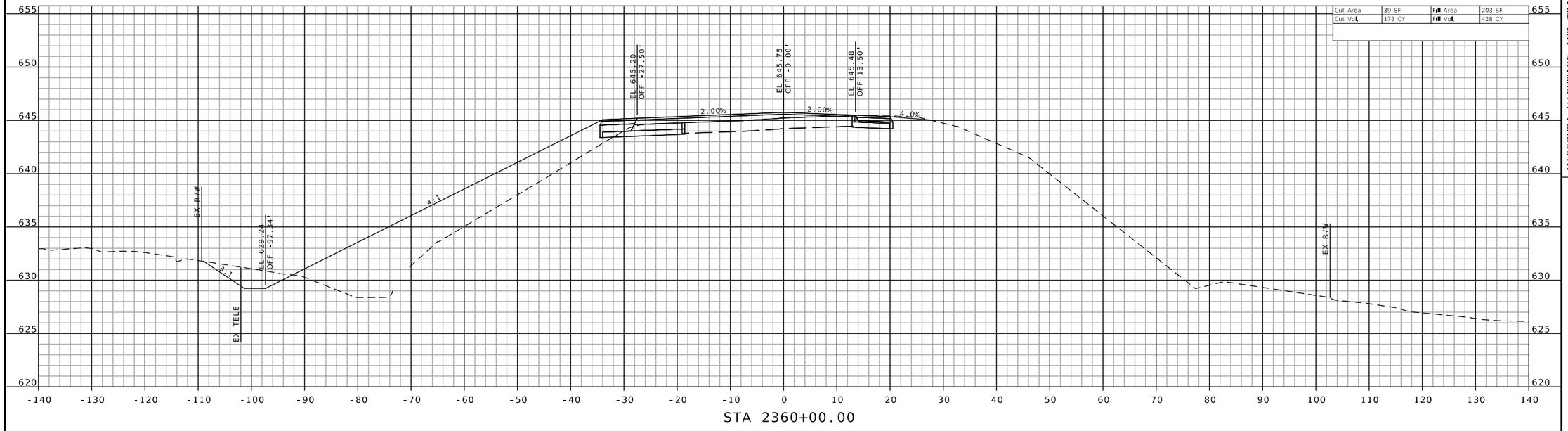
Belleville
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MISSOURI DESIGN FIRM PE-001166



STA 2361+00.00



STA 2360+00.00

CROSS SECTIONS SHEETS
SHEET 158 OF 160

STATE OF MISSOURI
JEFFREY R. RENSING
NUMBER PE-2006012376
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
8/26/2025

ROUTE	STATE
47	MO
DISTRICT	SHEET NO.
NE	158

COUNTY
LINCOLN

JOB NO.
JNE0003

CONTRACT ID.
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PROJECT NO.
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BRIDGE NO.
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DESCRIPTION	DATE
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MISSOURI DESIGN FIRM PE-001166

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CROSS SECTIONS SHEETS
SHEET 159 OF 160

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STATE OF MISSOURI
JEFFREY R. RENSING
NUMBER PE-2006012376
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
8/26/2025

ROUTE	STATE
47	MO
DISTRICT	SHEET NO.
NE	159

COUNTY
LINCOLN

JOB NO.
JNE0003

CONTRACT ID.
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PROJECT NO.
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BRIDGE NO.
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DESCRIPTION	DATE
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IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

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MISSOURI DESIGN FIRM PE-001166

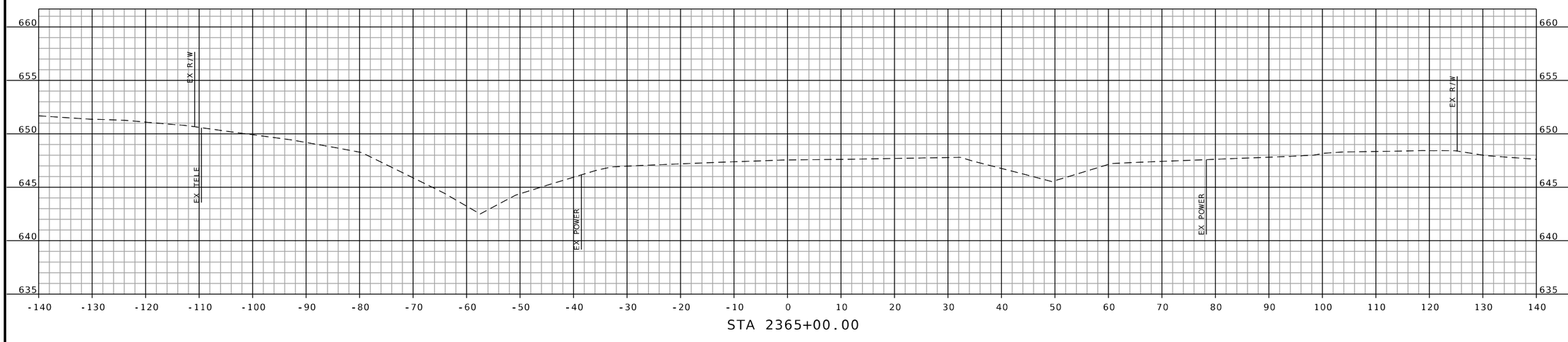
St. Louis
720 Olive, Suite 700
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314.588.8881

St. Charles
820 South Main, Suite 309
St. Charles, MO 63301
636.493.6277

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CROSS SECTIONS SHEETS
SHEET 160 OF 160

STATE OF MISSOURI
JEFFREY R. RENSING
NUMBER PE-2006012376
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED	
8/26/2025	
ROUTE	STATE
47	MO
DISTRICT	SHEET NO.
NE	160

COUNTY
LINCOLN

JOB NO.
JNE0003

CONTRACT ID.
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PROJECT NO.
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BRIDGE NO.
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DESCRIPTION	DATE
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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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JEFFERSON CITY, MO 65102
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Belleville, IL 62220
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820 South Main, Suite 309
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