1+00.00

0+50.00

0+00.00

EXIST. R/W

GAS LINE

TT LINE

EX. STORM

EL 507.18
OFF 0.0'

EL 507.58
OFF 0.0'

EL 508.32
OFF 0.0'

WATER LINE

ATT LINE

5'

STATE OF MISSOURI
JOHN R. LANDECK
NUMBER PE-2013032918
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY

DATE PREPARED
3/30/2021

ROUTE	STATE
100	MO
DISTRICT	SHEET NO.
SL	1

COUNTY
ST. LOUIS

JOB NO.
J6S1718, B, & C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

REV.	DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
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CROSS SECTIONS
ROUTE 100
SHEET 1 OF 473

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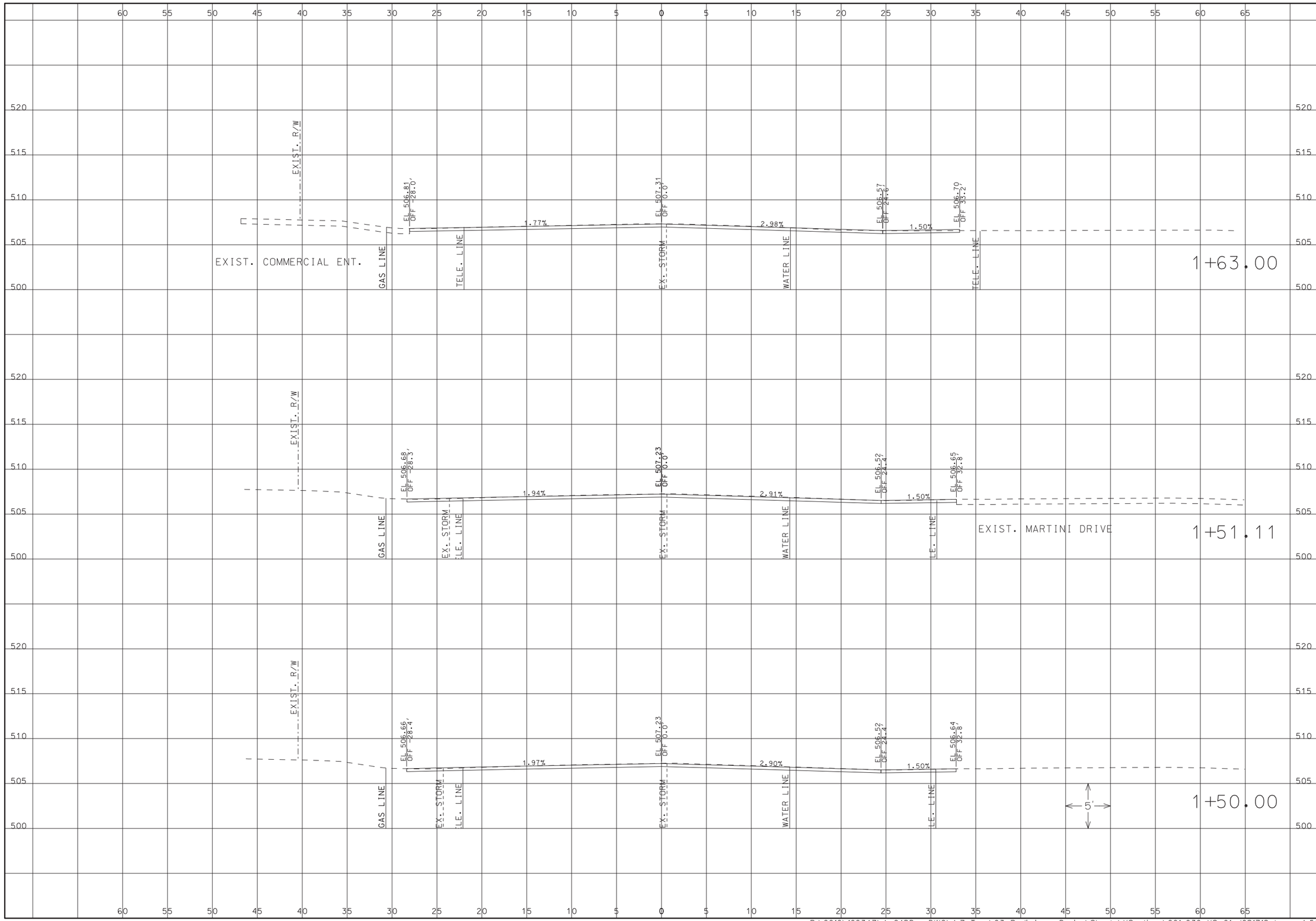
P:\2016\160347\4 CADD - DWG\4.7 Tran\03_Preliminary Design\Sheets\XSections\001-036_XS_01_J6S1718.dgn 4:51:05 PM 3/30/2021



STATE OF MISSOURI
JOHN R. LANDECK
NUMBER PE-2013032918
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ROUTE	STATE
100	MO
DISTRICT	SHEET NO.
SL	2

COUNTY
ST. LOUIS

JOB NO.
J6S1718, B, & C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

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REV.	DESCRIPTION	DATE

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CROSS SECTIONS
ROUTE 100
SHEET 2 OF 473

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ROUTE	STATE
100	MO
DISTRICT	SHEET NO.
SL	3

COUNTY
ST. LOUIS

JOB NO.
J6S1718, B, & C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

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REV.	DESCRIPTION	DATE

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CROSS SECTIONS
ROUTE 100
SHEET 3 OF 473

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ROUTE	STATE
100	MO

DISTRICT	SHEET NO.
SL	4

COUNTY
ST. LOUIS

JOB NO.
J6S1718, B, & C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

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REV.	DESCRIPTION	DATE

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CROSS SECTIONS
ROUTE 100
SHEET 4 OF 473

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ROUTE	STATE
100	MO
DISTRICT	SHEET NO.
SL	5

COUNTY
ST. LOUIS

JOB NO.
J6S1718, B, & C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

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

REV.	DESCRIPTION	DATE

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SHEET 5 OF 473

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ROUTE	STATE
100	MO
DISTRICT	SHEET NO.
SL	6

COUNTY
ST. LOUIS

JOB NO.
J6S1718, B, & C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

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ROUTE 100
SHEET 6 OF 473

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ROUTE	STATE
100	MO
DISTRICT	SHEET NO.
SL	7

COUNTY
ST. LOUIS

JOB NO.
J6S1718, B, & C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

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ROUTE 100
SHEET 7 OF 473

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ROUTE	STATE
100	MO
DISTRICT	SHEET NO.
SL	8

COUNTY
ST. LOUIS

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J6S1718, B, & C

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DESCRIPTION	DATE

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ROUTE 100
SHEET 8 OF 473

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OAKLAND AVENUE (SKEWED)

8+15.22

EL 507.31
OFF -49.3'
TT LINE
EX. STORM
GAS LINE
EL 507.17
OFF -36.3'
TT LINE
1.53%
EL 507.64
OFF 0.0'
EX. STORM
1.65%
WATER LINE
EL 507.16
OFF 28.9'
ATT LINE
EXIST. R/W

8+00.00

EL 506.75
OFF -31.7'
TT LINE
EX. STORM
GAS LINE
EL 506.78
OFF -36.3'
TT LINE
2.90%
EX. STORM
EL 507.66
OFF 0.0'
EX. STORM
2.10%
WATER LINE
EL 507.04
OFF 29.4'
ATT LINE
EXIST. R/W

7+50.00

PERM. ESM'T.
EL 507.85
OFF -31.8'
EXIST. R/W
EL 507.39
OFF -26.3'
EL 507.30
OFF -26.3'
1.00%
1.69%
GAS LINE
TT LINE
EL 507.74
OFF 0.0'
EX. STORM
2.19%
WATER LINE
EL 507.08
OFF 30.1'
ATT LINE
EL 507.73
OFF 34.8'
1.00%
EL 507.78
OFF 39.8'
EL 508.03
OFF 40.8'
EXIST. R/W
TEMP. ESM'T.
50'

STATE OF MISSOURI
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ROUTE	STATE
100	MO
DISTRICT	SHEET NO.
SL	9

COUNTY
ST. LOUIS

JOB NO.
J6S1718, B, & C

CONTRACT ID.

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BRIDGE NO.

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REV.	DESCRIPTION	DATE

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CROSS SECTIONS
ROUTE 100
SHEET 9 OF 473

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9+05.76

EXIST. R/W
GAS LINE
ATT LINE
EL 507.32
OFF -25.4'
0.69%
EX. STORM
EL 507.50
OFF 0.0'
1.61%
WATER LINE
EL 507.11
OFF 24.0'
ATT LINE
EXIST. R/W
EXIST. COMMERCIAL ENT.

9+00.00

EXIST. R/W
GAS LINE
EL 507.30
OFF -25.8'
ATT LINE
0.78%
EX. STORM
EL 507.50
OFF 0.0'
1.62%
WATER LINE
EL 507.11
OFF 24.4'
ATT LINE
EXIST. R/W

8+50.00

EXIST. R/W
GAS LINE
EL 507.14
OFF -29.2'
ATT LINE
1.53%
EX. STORM
EL 507.58
OFF 0.0'
1.48%
WATER LINE
EL 507.18
OFF 27.6'
WATER LINE
WATER LINE
ATT LINE
EXIST. R/W
5'

520 515 510 505 500

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

STATE OF MISSOURI
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NUMBER PE-2013032918
PROFESSIONAL ENGINEER

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ROUTE	STATE
100	MO
DISTRICT	SHEET NO.
SL	10

COUNTY
ST. LOUIS

JOB NO.
J6S1718, B, & C

CONTRACT ID.

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CROSS SECTIONS
ROUTE 100
SHEET 10 OF 473

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9+95.50

EXIST. COMMERCIAL ENT.

EXIST. R/W

EL 506.88
OFF -23.5'

1.50%

EL 507.23
OFF 0.0'

1.53%

EL 506.90
OFF 21.5'

EXIST. R/W

GAS LINE

ATT LINE

EX. STORM

WATER LINE

ATT LINE

9+58.25

EXIST. R/W

EL 507.28
OFF -23.5'

0.60%

EL 507.43
OFF 0.0'

1.74%

EL 507.06
OFF 21.3'

EXIST. R/W

GAS LINE

ATT LINE

EX. STORM

WATER LINE

ATT LINE

9+50.00

EXIST. R/W

EL 507.32
OFF -25.4'

0.69%

EL 507.50
OFF 0.0'

1.61%

EL 507.11
OFF 24.0'

EXIST. R/W

GAS LINE

ATT LINE

EX. STORM

WATER LINE

ATT LINE

EXIST. COMMERCIAL ENT.

5'

STATE OF MISSOURI
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ROUTE	STATE
100	MO
DISTRICT	SHEET NO.
SL	11

COUNTY
ST. LOUIS

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J6S1718, B, & C

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SHEET 11 OF 473

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11+00.00

EXIST. R/W
WATER LINE
WATER LINE
WATER LINE
EXIST. R/W
WATER LINE
WATER LINE
WATER LINE
EL 505.25
OFF 23.2'
1.50%
ATT LINE
EX. STORM
EL 505.60
OFF 0.0'
1.81%
WATER LINE
EL 505.20
OFF 22.2'
ATT LINE
EXIST. R/W

10+50.00

EXIST. R/W
GAS LINE
EL 506.24
OFF 23.4'
1.50%
ATT LINE
EX. STORM
EL 506.59
OFF 0.0'
1.72%
WATER LINE
EL 506.21
OFF 22.2'
ATT LINE
EXIST. R/W

10+00.00

EXIST. R/W
GAS LINE
EL 506.85
OFF 23.6'
1.50%
ATT LINE
EX. STORM
EL 507.20
OFF 0.0'
1.58%
WATER LINE
EL 506.86
OFF 21.4'
ATT LINE
EXIST. R/W

5'

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ROUTE	STATE
100	MO
DISTRICT	SHEET NO.
SL	12

COUNTY
ST. LOUIS

JOB NO.
J6S1718, B, & C

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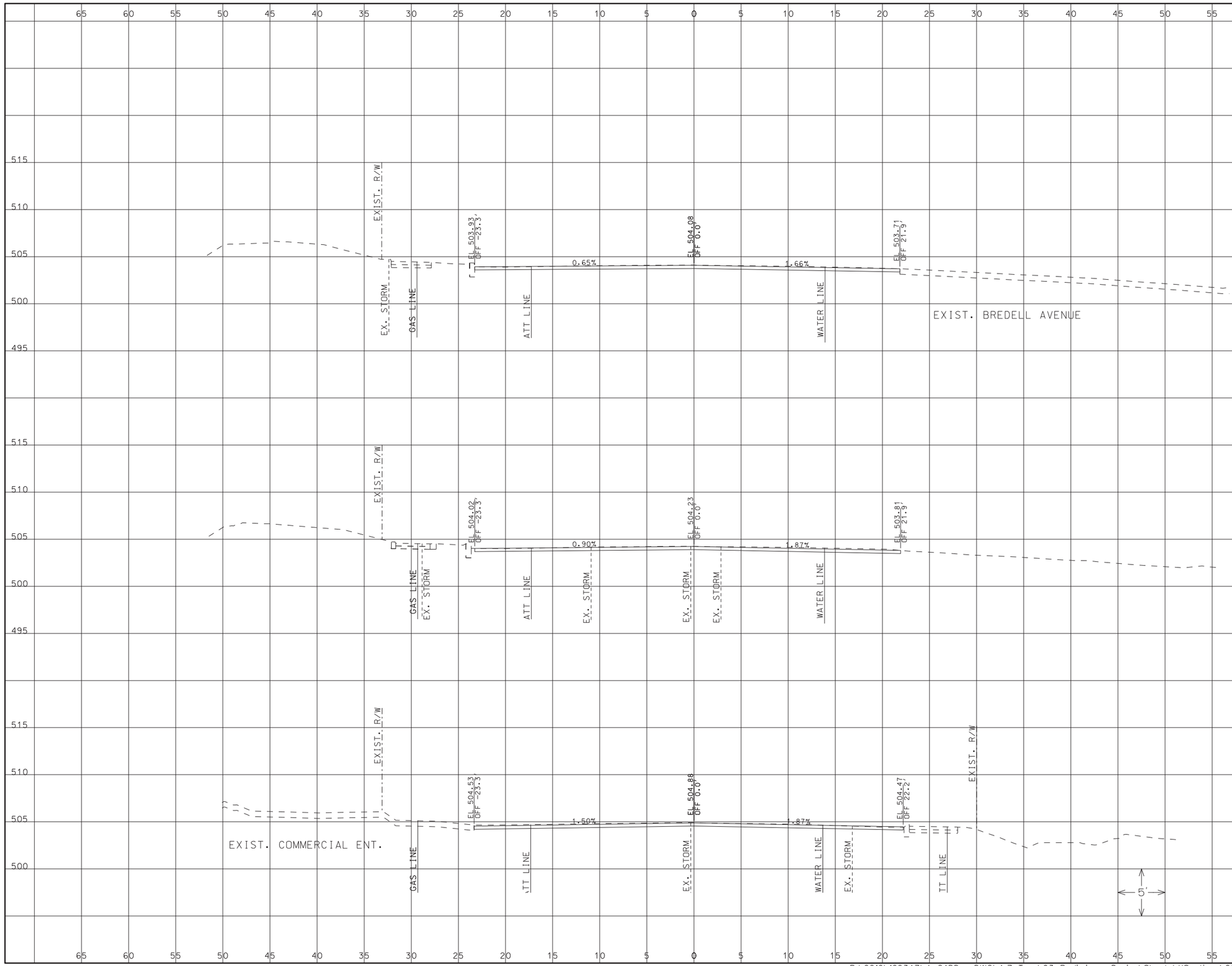
CROSS SECTIONS
ROUTE 100
SHEET 12 OF 473



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STATE OF MISSOURI
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ROUTE	STATE
100	MO
DISTRICT	SHEET NO.
SL	13

COUNTY
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ROUTE 100
SHEET 13 OF 473

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ROUTE	STATE
100	MO
DISTRICT	SHEET NO.
SL	14

COUNTY
ST. LOUIS

JOB NO.
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CONTRACT ID.

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BRIDGE NO.

DESCRIPTION	DATE

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SHEET 14 OF 473

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ROUTE	STATE
100	MO

DISTRICT	SHEET NO.
SL	15

COUNTY
ST. LOUIS

JOB NO.
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CROSS SECTIONS
ROUTE 100
SHEET 15 OF 473

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ROUTE	STATE
100	MO
DISTRICT	SHEET NO.
SL	16

COUNTY
ST. LOUIS

JOB NO.
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CROSS SECTIONS
ROUTE 100
SHEET 16 OF 473

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JOHN R. LANDECK
NUMBER PE-2013032918
STATE OF MISSOURI
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY

DATE PREPARED
3/30/2021

ROUTE	STATE
100	MO
DISTRICT	SHEET NO.
SL	17

COUNTY
ST. LOUIS

JOB NO.
J6S1718, B, & C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

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REV.	DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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TWM ENGINEERING GEOSPATIAL SERVICES
720 OLIVE STREET, SUITE 200A
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(314) 241-6300
www.twm-inc.com
MISSOURI CERT. OF AUTHORITY: 001528

CROSS SECTIONS
ROUTE 100
SHEET 17 OF 473

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JOHN R. LANDECK
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STATE OF MISSOURI
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ROUTE	STATE
100	MO
DISTRICT	SHEET NO.
SL	18

COUNTY
ST. LOUIS

JOB NO.
J6S1718, B, & C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

REV.	DESCRIPTION	DATE

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CROSS SECTIONS
ROUTE 100
SHEET 18 OF 473

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ROUTE	STATE
100	MO
DISTRICT	SHEET NO.
SL	19

COUNTY
ST. LOUIS

JOB NO.
J6S1718, B, & C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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ROUTE 100
SHEET 19 OF 473

REV.

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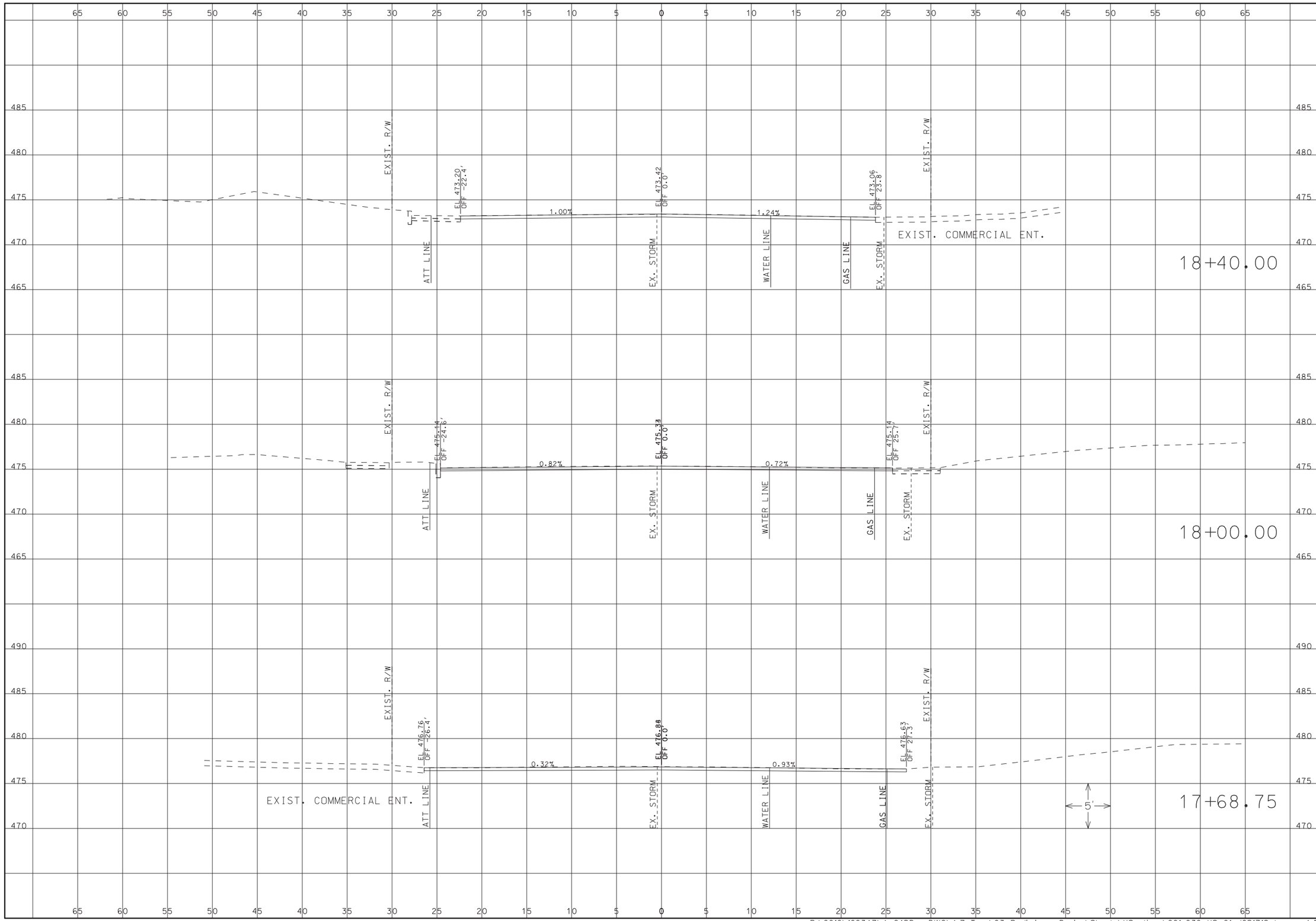

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ROUTE	STATE
100	MO
DISTRICT	SHEET NO.
SL	20

COUNTY
ST. LOUIS

JOB NO.
J6S1718, B, & C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

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SHEET 20 OF 473

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STATE OF MISSOURI
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ROUTE	STATE
100	MO

DISTRICT	SHEET NO.
SL	21

COUNTY
ST. LOUIS

JOB NO.
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PROJECT NO.

BRIDGE NO.

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SHEET 21 OF 473

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ROUTE	STATE
100	MO
DISTRICT	SHEET NO.
SL	22

COUNTY
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JOB NO.
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PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

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ROUTE 100
SHEET 22 OF 473

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ROUTE	STATE
100	MO

DISTRICT	SHEET NO.
SL	23

COUNTY
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JOB NO.
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ROUTE 100
SHEET 23 OF 473

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ROUTE	STATE
100	MO
DISTRICT	SHEET NO.
SL	24

COUNTY
ST. LOUIS

JOB NO.
J6S1718, B, & C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

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REV.	DATE	DESCRIPTION

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ROUTE 100
SHEET 24 OF 473

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ROUTE	STATE
100	MO
DISTRICT	SHEET NO.
SL	25

COUNTY
ST. LOUIS

JOB NO.
J6S1718, B, & C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

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ROUTE 100
SHEET 25 OF 473

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24+00.00

SAN. LINE
TEMP. ESM'T.
EL 452.23
OFF -31.3
EL 451.56
OFF -30.8
EL 451.49
OFF -24.8
EL 451.49
OFF -24.3
1.00%
2.58%
EL 452.12
OFF 0.0
2.19%
X- STORM
WATER LINE
GAS LINE
EL 451.53
OFF 26.9
EL 451.53
OFF 27.4
1.00%
EXIST. R/W
AMEREN LINE
METRO FO
EL 451.60
OFF 33.4
PERM. ESM'T.
EL 452.27
OFF 33.9
TEMP. ESM'T.
TELE. LINE
TELE. LINE

23+50.00

TEMP. ESM'T.
PERM. ESM'T.
EXIST. R/W
EL 452.30
OFF -30.6
EL 452.64
OFF -24.6
EL 452.14
OFF -24.1
0.99%
3.79%
EL 453.00
OFF 0.0
0.06%
EL 453.03
OFF 23.6
EL 453.45
OFF 24.1
0.93%
EXIST. R/W
EL 453.51
OFF 30.1
PERM. ESM'T.
TEMP. ESM'T.
TELE. LINE
EX- STORM
WATER LINE
GAS LINE
AMEREN LINE
METRO FO

23+00.00

TEMP. ESM'T.
PERM. ESM'T.
EXIST. R/W
EL 453.83
OFF -30.4
EL 453.77
OFF -25.4
EL 453.45
OFF -23.9
1.00%
2.68%
EL 454.00
OFF 0.0
0.20%
EL 454.16
OFF 23.0
EL 454.70
OFF 29.5
1.00%
EXIST. R/W
EL 454.72
OFF 29.5
PERM. ESM'T.
TEMP. ESM'T.
EX- STORM
WATER LINE
AMEREN LINE
GAS LINE
METRO FO
5'

CROSS SECTIONS
ROUTE 100
SHEET 26 OF 473

REV.

STATE OF MISSOURI
JOHN R. LANDECK
NUMBER PE-2013032918
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY

DATE PREPARED 3/30/2021
ROUTE 100
STATE MO
DISTRICT SL
SHEET NO. 26
COUNTY ST. LOUIS
JOB NO. J6S1718, B, & C
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)

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MISSOURI CERT. OF AUTHORITY: 001528

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JOHN R. LANDECK
NUMBER PE-2013032918
STATE OF MISSOURI
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY

DATE PREPARED
3/30/2021

ROUTE	STATE
100	MO
DISTRICT	SHEET NO.
SL	27

COUNTY
ST. LOUIS

JOB NO.
J6S1718, B, & C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DATE	DESCRIPTION

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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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JEFFERSON CITY, MO 65102
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CROSS SECTIONS
ROUTE 100
SHEET 27 OF 473

REV.

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ROUTE	STATE
100	MO
DISTRICT	SHEET NO.
SL	28

COUNTY
ST. LOUIS

JOB NO.
J6S1718, B, & C

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PROJECT NO.

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CROSS SECTIONS
ROUTE 100
SHEET 28 OF 473

26+73.50

EXIST. R/W
EL 447.94
OFF -28.1'
10.0'
EL 447.50
OFF -23.8'
EL 447.00
OFF -23.3'
1.50%
EL 447.35
OFF 0.0'
1.57%
EL 446.87
OFF 30.8'
EXIST.
COMMERCIAL ENT.
EX. STORM
WATER LINE
METRO FO
GAS LINE
AMEREN LINE
TELE. LINE
TELE. LINE

26+50.00

EXIST. R/W
EL 448.26
OFF -27.4'
EL 447.37
OFF -23.0'
EL 447.37
OFF -23.0'
1.50%
EL 447.72
OFF 0.0'
1.23%
EL 447.33
OFF 31.5'
EX. STORM
WATER LINE
METRO FO
GAS LINE
AMEREN LINE
TELE. LINE
TELE. LINE

26+00.00

TEMP. ESM'T.
EXIST. R/W
EL 449.80
OFF -48.5'
EL 448.60
OFF -34.4'
8.47%
1.00%
EL 448.55
OFF -29.4'
8.04%
EL 448.13
OFF -24.1'
EL 448.16
OFF -22.1'
1.91%
EL 448.58
OFF 0.0'
1.81%
EL 447.99
OFF 32.9'
0.68%
EL 447.90
OFF 46.3'
EX. STORM
EX. STORM
EX. STORM
WATER LINE
EX. STORM
METRO FO
GAS LINE
AMEREN LINE
TELE. LINE
ATT LINE
EXIST. R/W
TEMP. ESM'T.
EXIST. R/W
EXIST. R/W
0'

STATE OF MISSOURI
JOHN R. LANDECK
NUMBER PE-2013032918
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ROUTE	STATE
100	MO

DISTRICT	SHEET NO.
SL	29

COUNTY
ST. LOUIS

JOB NO.
J6S1718, B, & C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

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CROSS SECTIONS
ROUTE 100
SHEET 29 OF 473

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STATE OF MISSOURI
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NUMBER PE-2013032918
PROFESSIONAL ENGINEER

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ROUTE	STATE
100	MO
DISTRICT	SHEET NO.
SL	30

COUNTY
ST. LOUIS

JOB NO.
J6S1718, B, & C

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DESCRIPTION	DATE

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CROSS SECTIONS

ROUTE 100

SHEET 30 OF 473

REV.

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ROUTE	STATE
100	MO
DISTRICT	SHEET NO.
SL	31

COUNTY
ST. LOUIS

JOB NO.
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ROUTE 100
SHEET 31 OF 473

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ROUTE	STATE
100	MO
DISTRICT	SHEET NO.
SL	32

COUNTY
ST. LOUIS

JOB NO.
J6S1718, B, & C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

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ROUTE	STATE
100	MO
DISTRICT	SHEET NO.
SL	33

COUNTY
ST. LOUIS

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SHEET 33 OF 473

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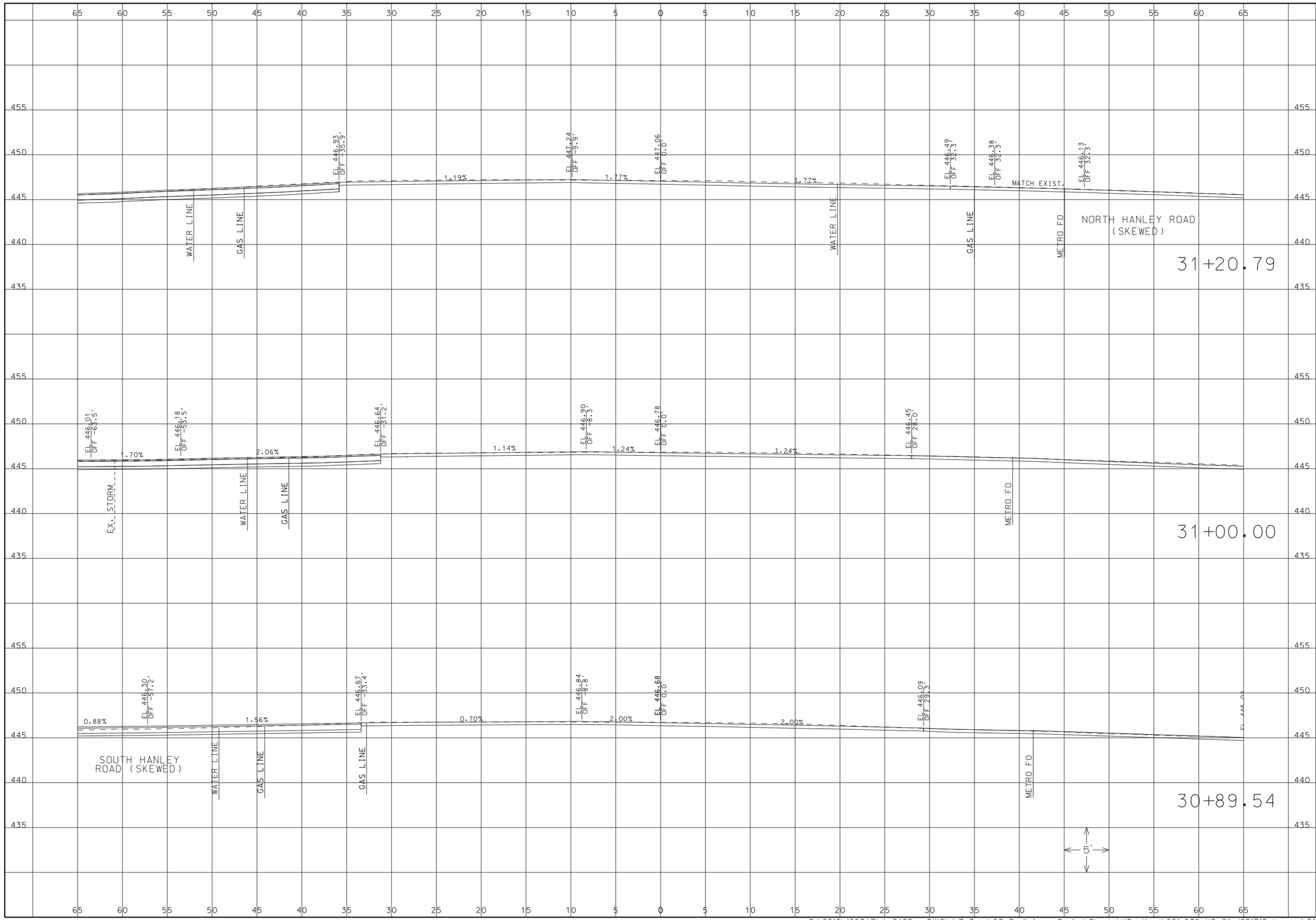

STATE OF MISSOURI
JOHN R. LANDECK
NUMBER PE-2013032918
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY

DATE PREPARED
3/30/2021

ROUTE	STATE
100	MO
DISTRICT	SHEET NO.
SL	34

COUNTY
ST. LOUIS

JOB NO.
J6S1718, B, & C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

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CROSS SECTIONS
ROUTE 100
SHEET 34 OF 473

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STATE OF MISSOURI
JOHN R. LANDECK
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ROUTE	STATE
100	MO
DISTRICT	SHEET NO.
SL	35

COUNTY
ST. LOUIS

JOB NO.
J6S1718, B, & C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

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CROSS SECTIONS
ROUTE 100
SHEET 35 OF 473

REV.

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STATE OF MISSOURI
JOHN R. LANDECK
NUMBER PE-2013032918
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THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY

DATE PREPARED
3/30/2021

ROUTE	STATE
100	MO

DISTRICT	SHEET NO.
SL	36

COUNTY
ST. LOUIS

JOB NO.
J6S1718, B, & C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

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CROSS SECTIONS
ROUTE 100
SHEET 36 OF 473

REV.

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JOHN R. LANDECK
NUMBER PE-2013032918
STATE OF MISSOURI
PROFESSIONAL ENGINEER

DATE PREPARED
3/30/2021

ROUTE	STATE
100	MO
DISTRICT	SHEET NO.
SL	37

COUNTY
ST. LOUIS

JOB NO.
J6S1718, B, & C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

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

DESCRIPTION	DATE

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CROSS SECTIONS

ROUTE 100

SHEET 37 OF 473

REV.

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STATE OF MISSOURI
JOHN R. LANDECK
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ROUTE	STATE
100	MO
DISTRICT	SHEET NO.
SL	38

COUNTY
ST. LOUIS

JOB NO.
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PROJECT NO.

BRIDGE NO.

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REV.	DATE	DESCRIPTION

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CROSS SECTIONS
ROUTE 100
SHEET 38 OF 473

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ROUTE	STATE
100	MO
DISTRICT	SHEET NO.
SL	39

COUNTY
ST. LOUIS

JOB NO.
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CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

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ROUTE 100
SHEET 39 OF 473

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ROUTE	STATE
100	MO

DISTRICT	SHEET NO.
SL	40

COUNTY
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CONTRACT ID.

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SHEET 40 OF 473

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ROUTE	STATE
100	MO
DISTRICT	SHEET NO.
SL	41

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JOB NO.
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BRIDGE NO.

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ROUTE 100
SHEET 41 OF 473

REV.

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ROUTE	STATE
100	MO
DISTRICT	SHEET NO.
SL	42

COUNTY
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JOB NO.
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CONTRACT ID.

PROJECT NO.

BRIDGE NO.

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REV.	DESCRIPTION	DATE

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CROSS SECTIONS
ROUTE 100
SHEET 42 OF 473

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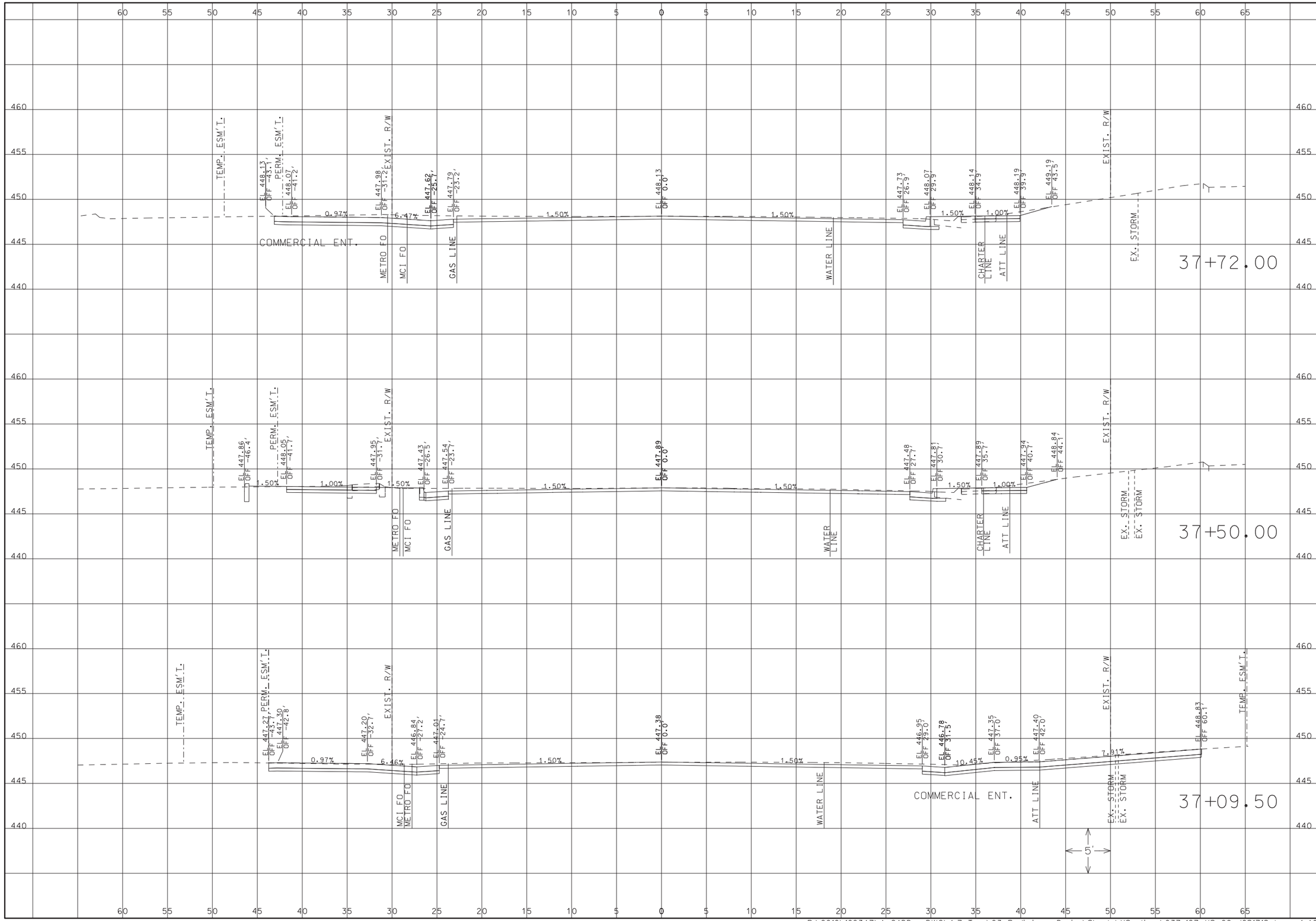

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STATE OF MISSOURI
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NUMBER PE-2013032918
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ROUTE	STATE
100	MO
DISTRICT	SHEET NO.
SL	43

COUNTY
ST. LOUIS

JOB NO.
J6S1718, B, & C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

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CROSS SECTIONS
ROUTE 100
SHEET 43 OF 473

REV.

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THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY

STATE OF MISSOURI
JOHN R. LANDECK
NUMBER PE-2013032918
PROFESSIONAL ENGINEER

DATE PREPARED
3/30/2021

ROUTE	STATE
100	MO

DISTRICT	SHEET NO.
SL	44

COUNTY
ST. LOUIS

JOB NO.
J6S1718, B, & C

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

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CROSS SECTIONS

ROUTE 100

SHEET 44 OF 473

REV.

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JOHN R. LANDECK
NUMBER PE-2013032918
STATE OF MISSOURI
PROFESSIONAL ENGINEER

DATE PREPARED: 3/30/2021

ROUTE	STATE
100	MO

DISTRICT	SHEET NO.
SL	45

COUNTY: ST. LOUIS

JOB NO.: J6S1718, B, & C

CONTRACT ID.:

PROJECT NO.:

BRIDGE NO.:

DESCRIPTION	DATE

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ROUTE 100
SHEET 45 OF 473

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ROUTE	STATE
100	MO

DISTRICT	SHEET NO.
SL	46

COUNTY
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JOB NO.
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CONTRACT ID.

PROJECT NO.

BRIDGE NO.

REV.	DESCRIPTION	DATE

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CROSS SECTIONS
ROUTE 100
SHEET 46 OF 473

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ROUTE	STATE
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DISTRICT	SHEET NO.
SL	47

COUNTY
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JOB NO.
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CONTRACT ID.

PROJECT NO.

BRIDGE NO.

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REV.	DATE	DESCRIPTION

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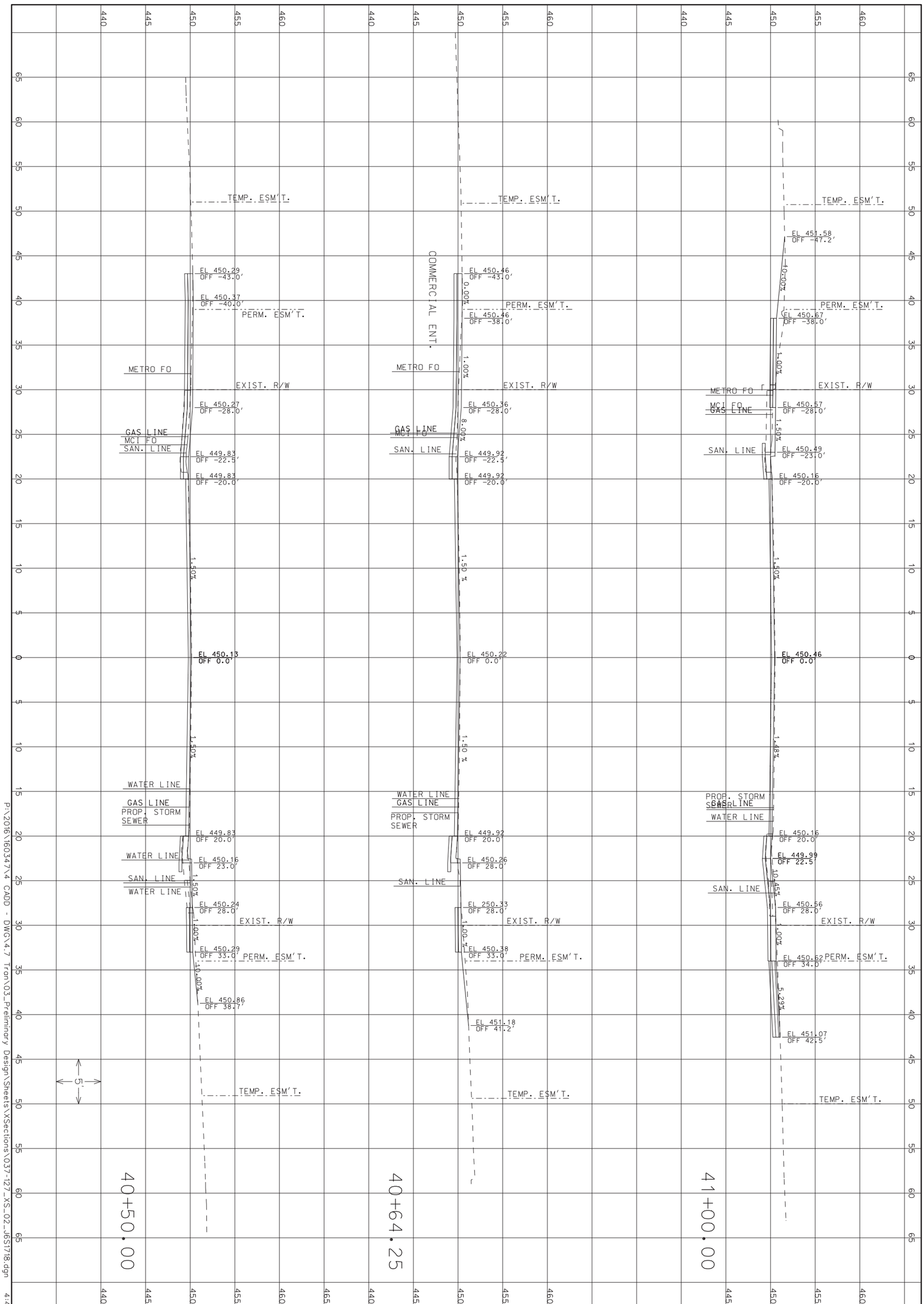
CROSS SECTIONS
ROUTE 100
SHEET 47 OF 473

P:\2016\160347\4 CADD - DWG\4.7 Tran\03_Preliminary Design\Sheets\XSections\037-127_XS_02_J6S1718.dgn 4:46:11 PM 3/30/2021



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CROSS SECTIONS

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SHEET 48 OF 473

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DATE	DESCRIPTION

BRIDGE NO.

PROJECT NO.

J6S1718.B.&C
CONTRACT ID.

ST. LOUIS
COUNTY

48
SHEET NO.

SL
DISTRICT

100
ROUTE

MO
STATE

3/30/2021
DATE PREPARED

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JOHN R. LANDECK
NUMBER PE-2013030918
PROFESSIONAL ENGINEER
STATE OF MISSOURI

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

JOHN R. LANDECK
NUMBER PE-2013032918
STATE OF MISSOURI
PROFESSIONAL ENGINEER

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ROUTE	STATE
100	MO
DISTRICT	SHEET NO.
SL	49

COUNTY
ST. LOUIS

JOB NO.
J6S1718, B, & C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

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

REV.	DATE	DESCRIPTION

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ROUTE 100
SHEET 49 OF 473

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ROUTE	STATE
100	MO

DISTRICT	SHEET NO.
SL	50

COUNTY
ST. LOUIS

JOB NO.
J6S1718, B, & C

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PROJECT NO.

BRIDGE NO.

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ROUTE 100
SHEET 50 OF 473

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STATE OF MISSOURI
PROFESSIONAL ENGINEER

DATE PREPARED
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ROUTE	STATE
100	MO

DISTRICT	SHEET NO.
SL	51

COUNTY
ST. LOUIS

JOB NO.
J6S1718, B, & C

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PROJECT NO.

BRIDGE NO.

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CROSS SECTIONS
ROUTE 100
SHEET 51 OF 473

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42+66.14

42+50.00

TEMP. ESM'T.
PERM. ESM'T.
EXIST. R/W
METRO FO
GAS LINE
MCI FO
SAN. LINE
WATER LINE
PROP. STORM SEWER
COMMERCIAL ENT.
5'

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ROUTE	STATE
100	MO

DISTRICT	SHEET NO.
SL	52

COUNTY
ST. LOUIS

JOB NO.
J6S1718, B, & C

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PROJECT NO.

BRIDGE NO.

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REV.	DESCRIPTION	DATE

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SHEET 52 OF 473

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STATE OF MISSOURI
JOHN R. LANDECK
NUMBER PE-2013032918
PROFESSIONAL ENGINEER

DATE PREPARED
3/30/2021

ROUTE	STATE
100	MO

DISTRICT	SHEET NO.
SL	53

COUNTY
ST. LOUIS

JOB NO.
J6S1718, B, & C

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)

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MISSOURI CERT. OF AUTHORITY: 001528

CROSS SECTIONS
ROUTE 100
SHEET 53 OF 473

REV.

P:\2016\160347\4 CADD - DWG\4.7 Tran\03_Preliminary Design\Sheets\XSections\037-127_XS_02_J6S1718.dgn 4:46:19 PM 3/30/2021

44+07.65

MELVIN AVENUE (SKEWED)

44+00.00

EXIST COMMERCIAL ENT.
(REMOVE)

43+58.00

5'

STATE OF MISSOURI
JOHN R. LANDECK
NUMBER PE-2013032918
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY

DATE PREPARED
3/30/2021

ROUTE	STATE
100	MO
DISTRICT	SHEET NO.
SL	54

COUNTY
ST. LOUIS

JOB NO.
J6S1718, B, & C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

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CROSS SECTIONS
ROUTE 100
SHEET 54 OF 473

REV.

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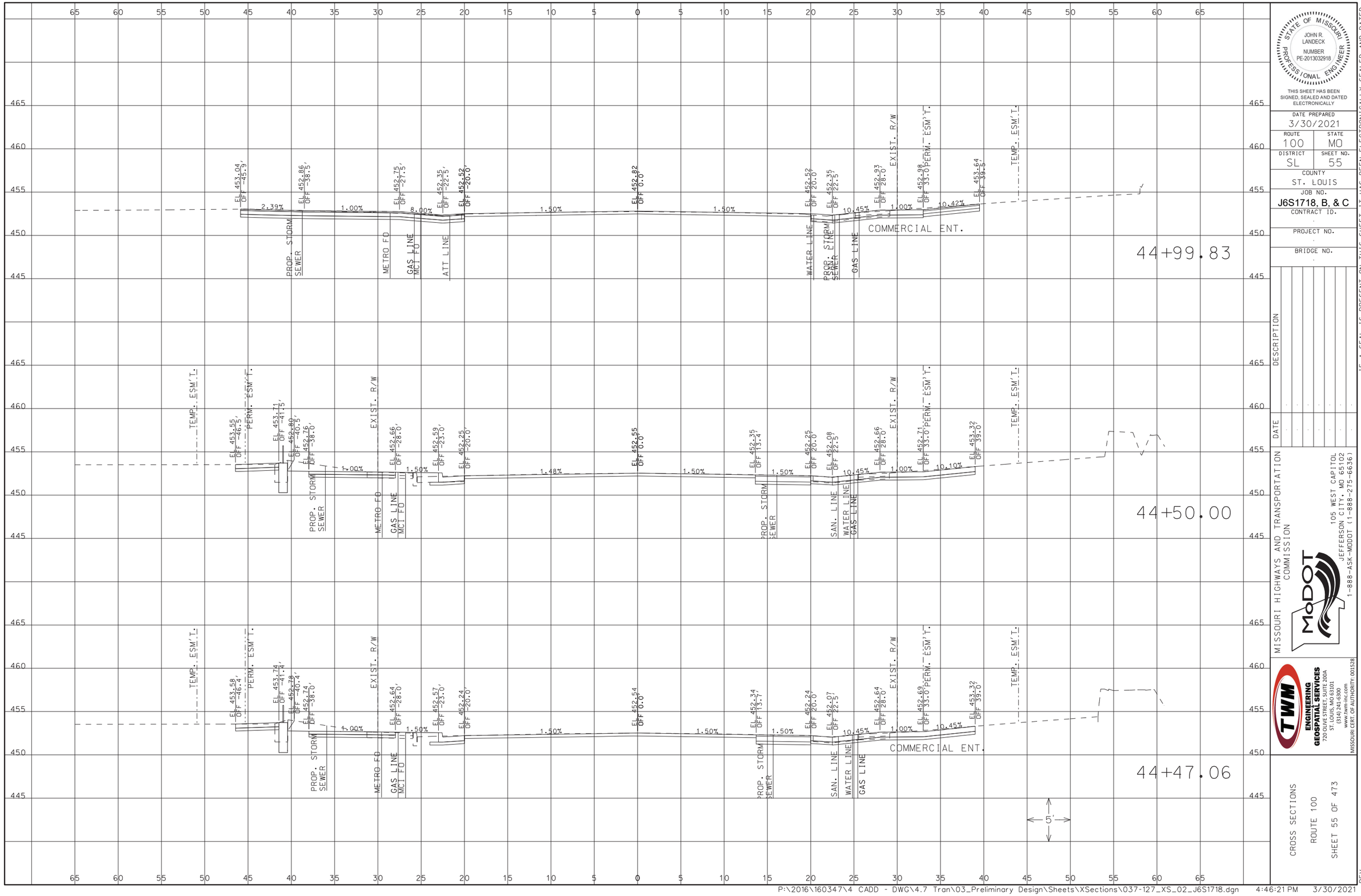

STATE OF MISSOURI
JOHN R. LANDECK
NUMBER PE-2013032918
PROFESSIONAL ENGINEER

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ROUTE	STATE
100	MO
DISTRICT	SHEET NO.
SL	55

COUNTY
ST. LOUIS

JOB NO.
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PROJECT NO.

BRIDGE NO.

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REV.	DESCRIPTION	DATE

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CROSS SECTIONS
ROUTE 100
SHEET 55 OF 473

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STATE OF MISSOURI
JOHN R. LANDECK
NUMBER PE-2013032918
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DATE PREPARED
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ROUTE	STATE
100	MO
DISTRICT	SHEET NO.
SL	56

COUNTY
ST. LOUIS

JOB NO.
J6S1718, B, & C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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CROSS SECTIONS
ROUTE 100
SHEET 56 OF 473

REV.

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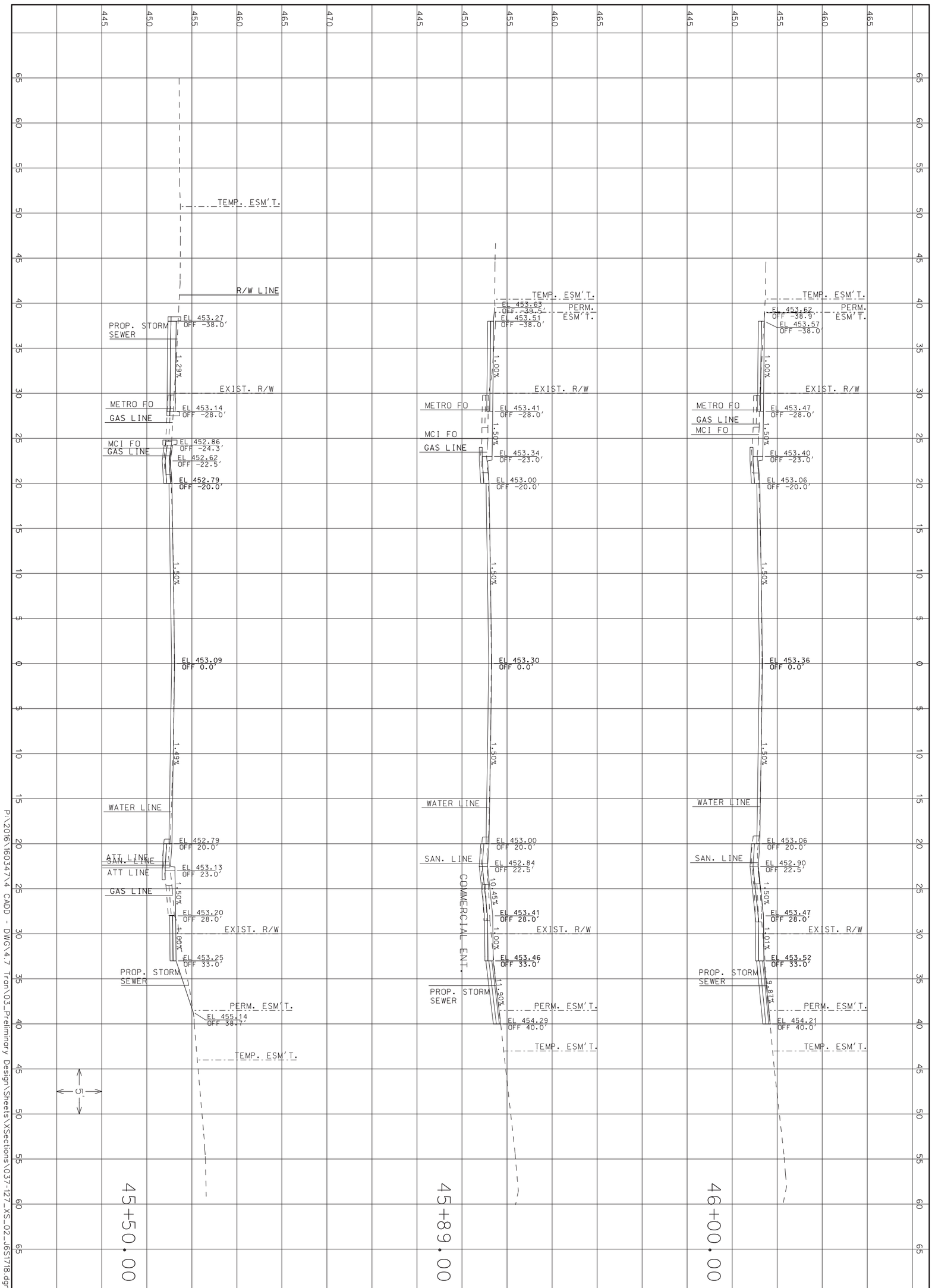

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CROSS SECTIONS

ROUTE 100

SHEET 57 OF 473

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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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DATE	DESCRIPTION

BRIDGE NO.

PROJECT NO.

J6S1718 B, & C
CONTRACT ID.

ST. LOUIS
COUNTY

SL
DISTRICT

57
SHEET NO.

100
ROUTE

MO
STATE

3/30/2021
DATE PREPARED

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STATE OF MISSOURI
JOHN R. LANDECK
NUMBER PE-2013030918
PROFESSIONAL ENGINEER

REV.

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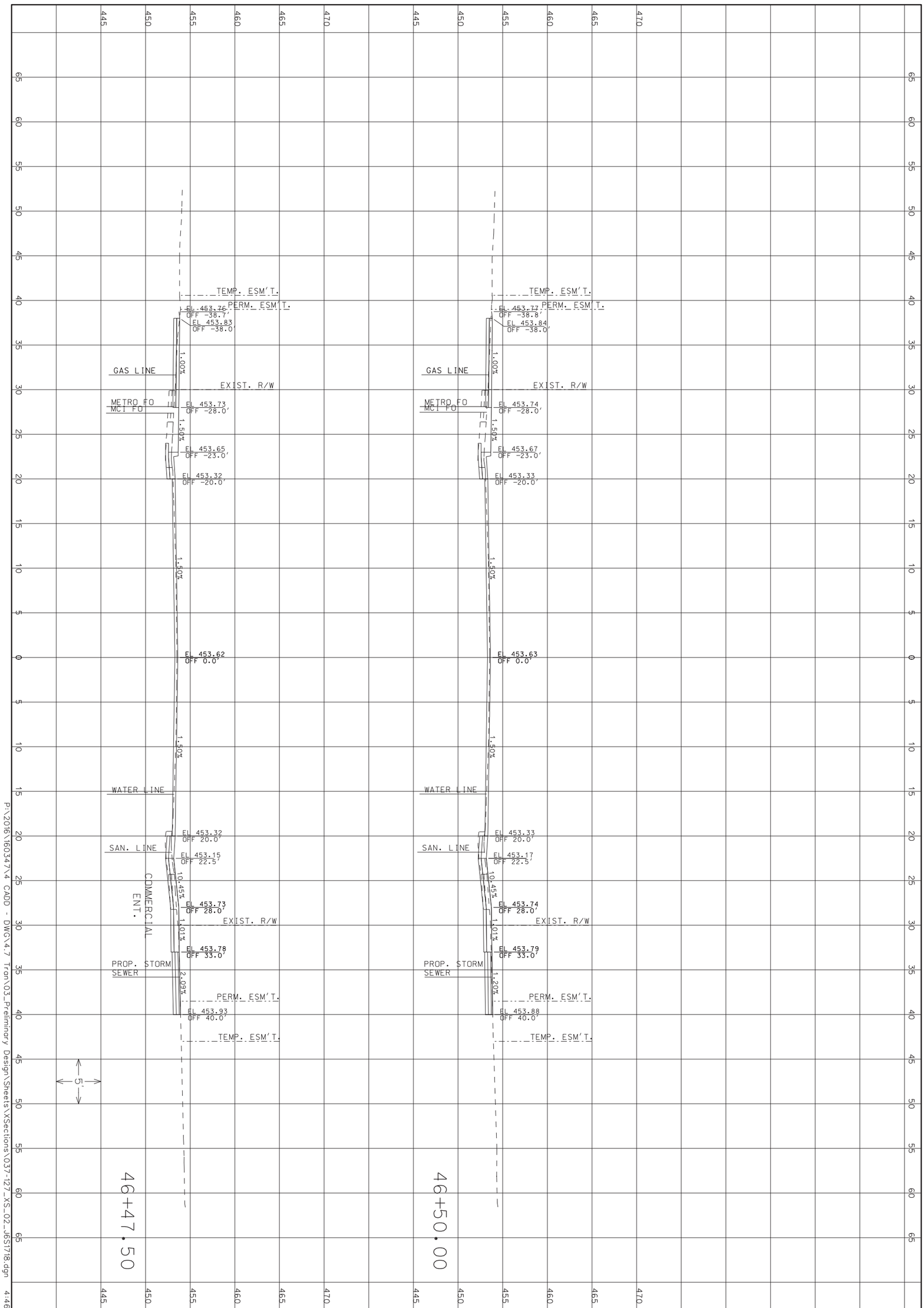

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CROSS SECTIONS

ROUTE 100

SHEET 58 OF 473

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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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DATE	DESCRIPTION

BRIDGE NO.

PROJECT NO.

CONTRACT ID. J6S1718 B & C

JOB NO.

COUNTY ST. LOUIS

DISTRICT SL

SHEET NO. 58

ROUTE 100

STATE MO

DATE PREPARED 3/30/2021

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JOHN R. LANDECK NUMBER PE-2013030318 STATE OF MISSOURI PROFESSIONAL ENGINEER

REV.

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STATE OF MISSOURI
JOHN R. LANDECK
NUMBER PE-2013032918
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY

DATE PREPARED
3/30/2021

ROUTE	STATE
100	MO
DISTRICT	SHEET NO.
SL	59

COUNTY
ST. LOUIS

JOB NO.
J6S1718, B, & C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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CROSS SECTIONS

ROUTE 100

SHEET 59 OF 473

REV.

STATE OF MISSOURI
JOHN R. LANDECK
NUMBER PE-2013032918
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY

DATE PREPARED
3/30/2021

ROUTE	STATE
100	MO

DISTRICT	SHEET NO.
SL	60

COUNTY
ST. LOUIS

JOB NO.
J6S1718, B, & C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

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

REV.	DATE	DESCRIPTION

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CROSS SECTIONS
ROUTE 100
SHEET 60 OF 473

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NUMBER PE-2013032918
STATE OF MISSOURI
PROFESSIONAL ENGINEER

DATE PREPARED
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ROUTE	STATE
100	MO
DISTRICT	SHEET NO.
SL	61

COUNTY
ST. LOUIS

JOB NO.
J6S1718, B, & C

CONTRACT ID.

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BRIDGE NO.

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DESCRIPTION	DATE

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CROSS SECTIONS
ROUTE 100
SHEET 61 OF 473

REV.

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ROUTE	STATE
100	MO
DISTRICT	SHEET NO.
SL	62

COUNTY
ST. LOUIS

JOB NO.
J6S1718, B, & C

CONTRACT ID.

PROJECT NO.

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REV.	DESCRIPTION	DATE

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CROSS SECTIONS
ROUTE 100
SHEET 62 OF 473

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NUMBER PE-2013032918
STATE OF MISSOURI
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DATE PREPARED
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ROUTE	STATE
100	MO
DISTRICT	SHEET NO.
SL	63

COUNTY
ST. LOUIS

JOB NO.
J6S1718, B, & C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

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

REV.	DESCRIPTION	DATE

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CROSS SECTIONS
ROUTE 100
SHEET 63 OF 473

P:\2016\160347\4 CADD - DWG\4.7 Tran\03_Preliminary Design\Sheets\XSections\037-127_XS_02_J6S1718.dgn 4:46:31 PM 3/30/2021

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STATE OF MISSOURI
JOHN R. LANDECK
NUMBER PE-2013032918
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DATE PREPARED
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ROUTE	STATE
100	MO
DISTRICT	SHEET NO.
SL	64

COUNTY
ST. LOUIS

JOB NO.
J6S1718, B, & C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

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ROUTE 100
SHEET 64 OF 473

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ROUTE	STATE
100	MO
DISTRICT	SHEET NO.
SL	65

COUNTY
ST. LOUIS

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CONTRACT ID.

PROJECT NO.

BRIDGE NO.

REV.	DATE	DESCRIPTION

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CROSS SECTIONS
ROUTE 100
SHEET 65 OF 473

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ROUTE	STATE
100	MO
DISTRICT	SHEET NO.
SL	66

COUNTY
ST. LOUIS

JOB NO.
J6S1718, B, & C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

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ROUTE 100
SHEET 66 OF 473

REV.

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ROUTE	STATE
100	MO
DISTRICT	SHEET NO.
SL	67

COUNTY
ST. LOUIS

JOB NO.
J6S1718, B, & C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

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SHEET 67 OF 473

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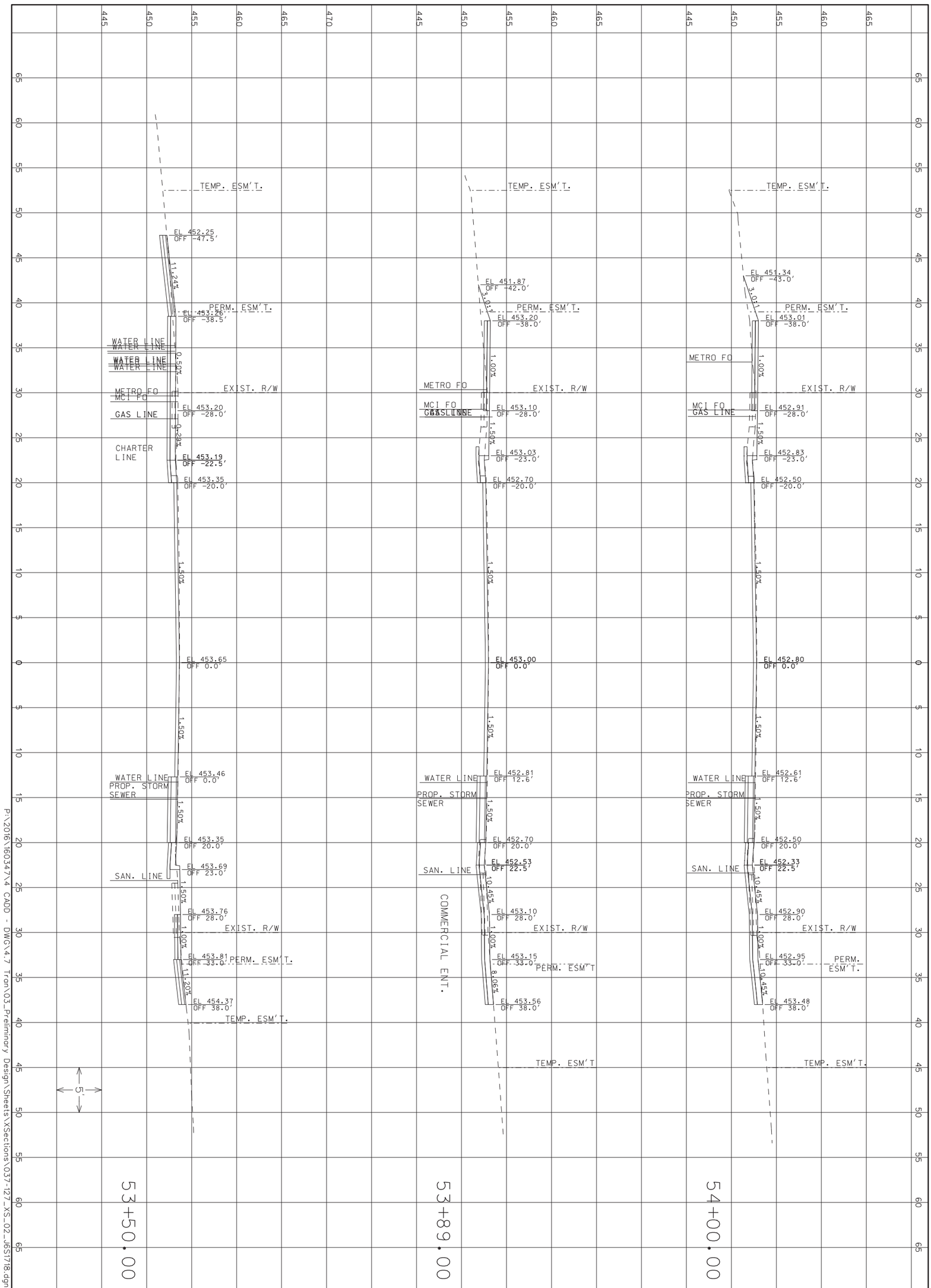

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CROSS SECTIONS

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SHEET 68 OF 473

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DATE	DESCRIPTION

BRIDGE NO.

PROJECT NO.

J6S1718 B & C
CONTRACT ID.

ST. LOUIS
COUNTY

68
SHEET NO.

DISTRICT SL
ROUTE 100
STATE MO

DATE PREPARED
3/30/2021

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PROFESSIONAL ENGINEER
JOHN R. LANDECK
NUMBER PE-2013030318
STATE OF MISSOURI

REV.

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ROUTE	STATE
100	MO
DISTRICT	SHEET NO.
SL	69

COUNTY
ST. LOUIS

JOB NO.
J6S1718, B, & C

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PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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ROUTE 100
SHEET 69 OF 473

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

465 460 455 450 445 440

TEMP. ESM'T.

PERM. ESM'T.

EXIST. R/W

EL 450.95'
OFF -41.0'

EL 450.80'
OFF -38.0'

EL 450.70'
OFF -28.0'

EL 450.21'
OFF -22.5'

EL 450.38'
OFF -20.0'

EL 450.68'
OFF 0.0'

EL 450.38'
OFF 20.0'

EL 450.21'
OFF 22.5'

EL 450.51'
OFF 25.5'

EL 450.57'
OFF 31.5'

EL 452.62'
OFF 52.5'

-2.00% 1.00% 9.00% 1.50% 1.50% -2.00% 1.00% 9.76%

COMMERCIAL ENT.

METRO FO
MCI FO
GAS LINE

WATER LINE

SAN. LINE
SAN. LINE
SAN. LINE

PROP. STORM SEWER

PROP. STORM SEWER

55+10.07

TEMP. ESM'T.

PERM. ESM'T.

EXIST. R/W

EL 451.15'
OFF -41.2'

EL 450.93'
OFF -38.2'

EL 450.81'
OFF -28.2'

EL 450.30'
OFF -22.16'

EL 450.46'
OFF -20.1'

EL 450.72'
OFF 0.0'

EL 450.38'
OFF 20.1'

EL 450.21'
OFF 22.6'

EL 450.50'
OFF 25.6'

EL 450.55'
OFF 31.7'

EL 452.82'
OFF 52.8'

3% 1.20% 9.16% 1.28% 1.70% -2.00% 0.67% 0.79% 10.75%

METRO FO
MCI FO
GAS LINE

WATER LINE

SAN. LINE
SAN. LINE
SAN. LINE

PROP. STORM SEWER

PROP. STORM SEWER

CECELIA AVENUE
(SKEWED)

55+07.75

5'

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

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STATE OF MISSOURI
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NUMBER PE-2013032918
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THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY

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ROUTE	STATE
100	MO

DISTRICT	SHEET NO.
SL	70

COUNTY
ST. LOUIS

JOB NO.
J6S1718, B, & C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

REV.	DESCRIPTION	DATE

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

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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CROSS SECTIONS

ROUTE 100

SHEET 70 OF 473

JOHN R. LANDECK
NUMBER PE-2013032918
STATE OF MISSOURI
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY

DATE PREPARED
3/30/2021

ROUTE	STATE
100	MO
DISTRICT	SHEET NO.
SL	71

COUNTY
ST. LOUIS

JOB NO.
J6S1718, B, & C

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

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CROSS SECTIONS
ROUTE 100
SHEET 71 OF 473

REV.

P:\2016\160347\4 CADD - DWG\4.7 Tran\03_Preliminary Design\Sheets\XSections\037-127_XS_02_J6S1718.dgn 4:46:41 PM 3/30/2021

JOHN R. LANDECK
NUMBER PE-2013032918
STATE OF MISSOURI
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY

DATE PREPARED
3/30/2021

ROUTE	STATE
100	MO
DISTRICT	SHEET NO.
SL	72

COUNTY
ST. LOUIS

JOB NO.
J6S1718, B, & C

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

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CROSS SECTIONS
ROUTE 100
SHEET 72 OF 473

REV.

P:\2016\160347\4 CADD - DWG\4.7 Tran\03_Preliminary Design\Sheets\XSections\037-127_XS_02_J6S1718.dgn 4:46:42 PM 3/30/2021

STATE OF MISSOURI
JOHN R. LANDECK
NUMBER PE-2013032918
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY

DATE PREPARED
3/30/2021

ROUTE	STATE
100	MO
DISTRICT	SHEET NO.
SL	73

COUNTY
ST. LOUIS

JOB NO.
J6S1718, B, & C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

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

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CROSS SECTIONS
ROUTE 100
SHEET 73 OF 473

REV.

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NUMBER PE-2013032918
STATE OF MISSOURI
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THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY

DATE PREPARED
3/30/2021

ROUTE	STATE
100	MO
DISTRICT	SHEET NO.
SL	74

COUNTY
ST. LOUIS

JOB NO.
J6S1718, B, & C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

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

REV.	DESCRIPTION	DATE

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CROSS SECTIONS
ROUTE 100
SHEET 74 OF 473

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3/30/2021

ROUTE	STATE
100	MO

DISTRICT	SHEET NO.
SL	75

COUNTY
ST. LOUIS

JOB NO.
J6S1718, B, & C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

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

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ROUTE 100
SHEET 75 OF 473

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ROUTE	STATE
100	MO
DISTRICT	SHEET NO.
SL	76

COUNTY
ST. LOUIS

JOB NO.
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CONTRACT ID.

PROJECT NO.

BRIDGE NO.

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REV.	DATE	DESCRIPTION

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ROUTE 100
SHEET 76 OF 473

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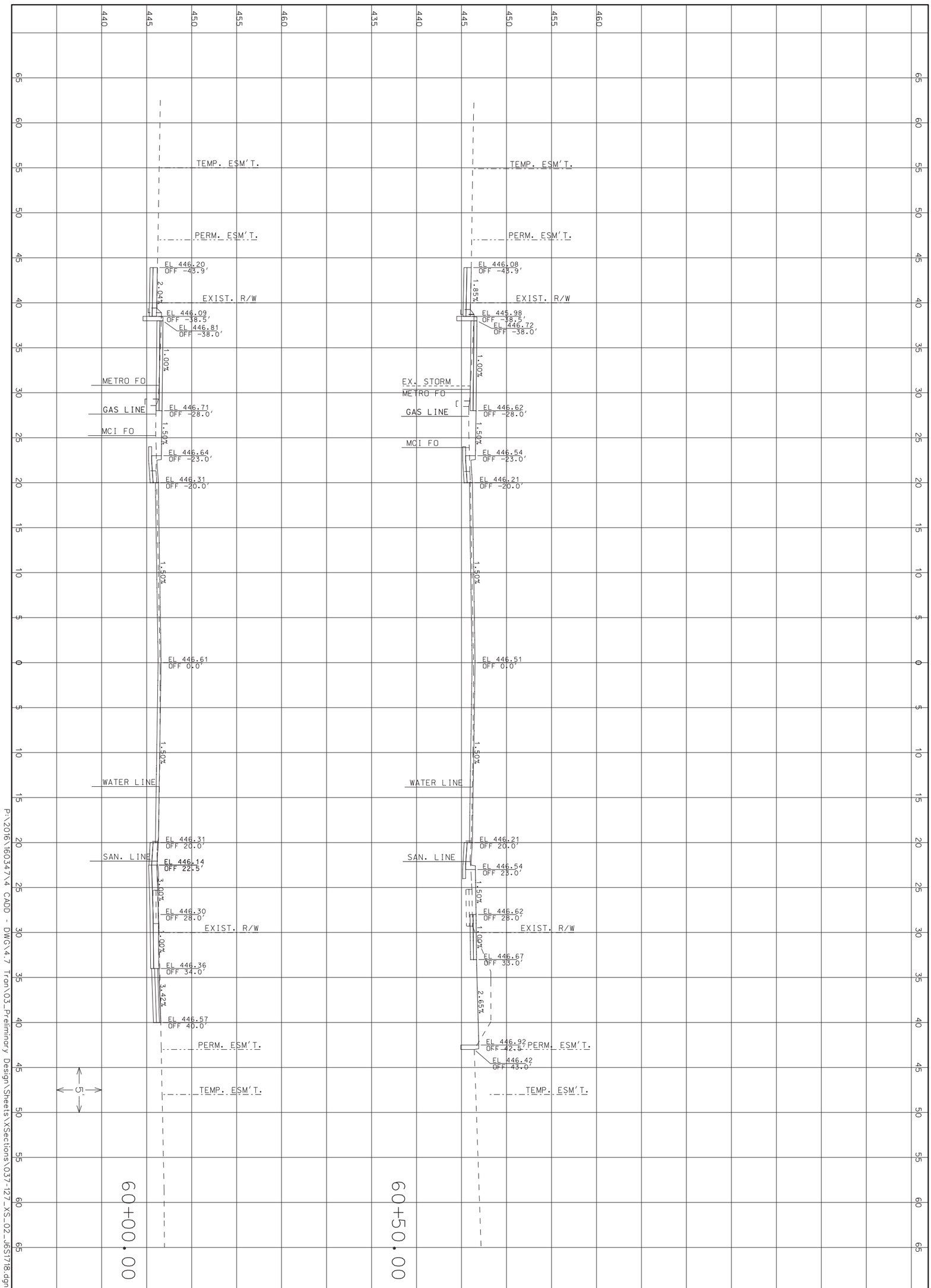

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CROSS SECTIONS

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SHEET 77 OF 473

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DATE	DESCRIPTION

BRIDGE NO.

PROJECT NO.

J6S1718, B, & C
CONTRACT ID.

JOB NO.

ST. LOUIS
COUNTY

DISTRICT SL
SHEET NO. 77

ROUTE 100
STATE MO

DATE PREPARED 3/30/2021

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JOHN R. LANDER
NUMBER PE-2013030918
PROFESSIONAL ENGINEER
STATE OF MISSOURI

REV.

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STATE OF MISSOURI
JOHN R. LANDECK
NUMBER PE-2013032918
PROFESSIONAL ENGINEER

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DATE PREPARED
3/30/2021

ROUTE	STATE
100	MO
DISTRICT	SHEET NO.
SL	78

COUNTY
ST. LOUIS

JOB NO.
J6S1718, B, & C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

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CROSS SECTIONS
ROUTE 100
SHEET 78 OF 473

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DATE PREPARED
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ROUTE	STATE
100	MO
DISTRICT	SHEET NO.
SL	79

COUNTY
ST. LOUIS

JOB NO.
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BRIDGE NO.

REV.	DESCRIPTION	DATE

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SHEET 79 OF 473

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STATE OF MISSOURI
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DATE PREPARED
3/30/2021

ROUTE	STATE
100	MO

DISTRICT	SHEET NO.
SL	80

COUNTY
ST. LOUIS

JOB NO.
J6S1718, B, & C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

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CROSS SECTIONS
ROUTE 100
SHEET 80 OF 473

REV.

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STATE OF MISSOURI
JOHN R. LANDECK
NUMBER PE-2013032918
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY

DATE PREPARED
3/30/2021

ROUTE	STATE
100	MO

DISTRICT	SHEET NO.
SL	81

COUNTY
ST. LOUIS

JOB NO.
J6S1718, B, & C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

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

REV.	DATE	DESCRIPTION

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CROSS SECTIONS

ROUTE 100

SHEET 81 OF 473

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STATE OF MISSOURI
JOHN R. LANDECK
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DATE PREPARED
3/30/2021

ROUTE	STATE
100	MO
DISTRICT	SHEET NO.
SL	82

COUNTY
ST. LOUIS

JOB NO.
J6S1718, B, & C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

REV.	DATE	DESCRIPTION

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CROSS SECTIONS
ROUTE 100
SHEET 82 OF 473

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JOHN R. LANDECK
NUMBER PE-2013032918
STATE OF MISSOURI
PROFESSIONAL ENGINEER

DATE PREPARED
3/30/2021

ROUTE	STATE
100	MO
DISTRICT	SHEET NO.
SL	83

COUNTY
ST. LOUIS

JOB NO.
J6S1718, B, & C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

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CROSS SECTIONS
ROUTE 100
SHEET 83 OF 473

REV.

P:\2016\160347\4 CADD - DWG\4.7 Tran\03_Preliminary Design\Sheets\XSections\037-127_XS_02_J6S1718.dgn 4:46:56 PM 3/30/2021

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

460 455 450 445 440 435

EL 447.79
OFF -38.0'

EXIST. R/W

EL 447.69
OFF -28.0'

EL 447.61
OFF -23.0'

EL 447.28
OFF -20.0'

EL 447.58
OFF 0.0'

EL 447.28
OFF 20.0'

EL 447.61
OFF 23.0'

EL 447.69
OFF 28.0'

EXIST. R/W

EL 447.74
OFF 33.0'

1.00% 1.50% 1.50% 1.49% 1.50% 1.00%

METRO FO
GAS LINE
MCI FO
WATER LINE
SAN. LINE
ATT LINE

64+00.00

TEMP. ESM'T.

EL 445.96
OFF -43.5'

EXIST. R/W

EL 446.49
OFF -38.0'

EL 446.39
OFF -28.0'

EL 446.37
OFF -22.5'

EL 446.53
OFF -20.0'

EL 446.83
OFF 0.0'

EL 446.53
OFF 20.0'

EL 446.87
OFF 23.0'

EL 446.94
OFF 28.0'

EXIST. R/W

EL 446.99
OFF 33.0'

PERM. ESM'T.

EL 445.82
OFF 40.0'

EL 446.37
OFF 41.0'

1.00% 1.00% 0.50% 1.51% 1.50% 1.50% 1.00% 9.7:1 7.84%

COMMERCIAL ENT.

METRO FO
GAS LINE
MCI FO
WATER LINE
SAN. LINE
ATT LINE
PROP. STORM SEWER

63+56.25

5'

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

STATE OF MISSOURI
JOHN R. LANDECK
NUMBER PE-2013032918
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY

DATE PREPARED
3/30/2021

ROUTE	STATE
100	MO

DISTRICT	SHEET NO.
SL	84

COUNTY
ST. LOUIS

JOB NO.
J6S1718, B, & C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
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CROSS SECTIONS
ROUTE 100
SHEET 84 OF 473

REV.

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65+00.00

EL 450.63' OFF -38.0' | 1.00% | EL 450.63' OFF -28.0' | 1.50% | EL 450.46' OFF -23.0' | EL 450.12' OFF -20.0' | 1.50% | EL 450.42' OFF 0.0' | 1.50% | EL 450.09' OFF 20.0' | EL 449.92' OFF 22.5' | 1.11% | EL 449.87' OFF 27.0' | 1.08% | EL 449.80' OFF 33.5' | EL 449.51' OFF 37.8' | 4.16%

METRO FO | ATT LINE | GAS LINE | MCI FO | WATER LINE | SAN. LINE | SAN. LINE | SAN. LINE | ATT LINE | ATT LINE | PROP. STORM SEWER

EXIST. R/W

EL 449.99' OFF -38.0' | 1.04% | EL 449.89' OFF -28.0' | 1.54% | EL 449.81' OFF -23.0' | EL 449.48' OFF -20.0' | 1.46% | EL 449.77' OFF 0.0' | 1.53% | EL 449.46' OFF 20.0' | EL 449.30' OFF 22.5' | 1.00% | EL 449.24' OFF 26.5' | 1.00% | EL 449.19' OFF 33.5' | 3.74%

EXIST. R/W | PERM. ESM'T.

GAS LINE | METRO FO | ATT LINE | GAS LINE | MCI FO | WATER LINE | SAN. LINE | ATT LINE | ATT LINE

DOROTHY AVENUE
(SKEWED)

PROP. STORM SEWER

64+81.24

EXIST. R/W

EL 449.01' OFF -38.0' | 1.00% | EL 448.91' OFF -28.0' | 1.50% | EL 448.84' OFF -23.0' | EL 448.50' OFF -20.0' | 1.50% | EL 448.80' OFF 0.0' | 1.50% | EL 448.50' OFF 20.0' | EL 448.84' OFF 23.0' | 1.50% | EL 448.91' OFF 28.0' | EXIST. R/W | 1.00% | EL 448.96' OFF 33.0'

METRO FO | ATT LINE | GAS LINE | MCI FO | WATER LINE | SAN. LINE | ATT LINE | ATT LINE III

64+50.00

5'

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STATE OF MISSOURI
JOHN R. LANDECK
NUMBER PE-2013032918
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ROUTE	STATE
100	MO
DISTRICT	SHEET NO.
SL	85

COUNTY
ST. LOUIS

JOB NO.
J6S1718, B, & C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

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

REV.	DESCRIPTION	DATE

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CROSS SECTIONS
ROUTE 100
SHEET 85 OF 473

STATE OF MISSOURI
JOHN R. LANDECK
NUMBER PE-2013032918
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY

DATE PREPARED
3/30/2021

ROUTE	STATE
100	MO

DISTRICT	SHEET NO.
SL	86

COUNTY
ST. LOUIS

JOB NO.
J6S1718, B, & C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

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

REV.	DESCRIPTION	DATE

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CROSS SECTIONS
ROUTE 100
SHEET 86 OF 473

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STATE OF MISSOURI
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NUMBER PE-2013032918
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ROUTE	STATE
100	MO
DISTRICT	SHEET NO.
SL	87

COUNTY
ST. LOUIS

JOB NO.
J6S1718, B, & C

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

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MISSOURI CERT. OF AUTHORITY: 001528

CROSS SECTIONS
ROUTE 100
SHEET 87 OF 473

REV.

P:\2016\160347\4 CADD - DWG\4.7 Tran\03_Preliminary Design\Sheets\XSections\037-127_XS_02_J6S1718.dgn 4:47:01 PM 3/30/2021

JOHN R. LANDECK
NUMBER PE-2013032918
STATE OF MISSOURI
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY

DATE PREPARED
3/30/2021

ROUTE	STATE
100	MO
DISTRICT	SHEET NO.
SL	88

COUNTY
ST. LOUIS

JOB NO.
J6S1718, B, & C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

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

REV.	DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

TWM
ENGINEERING
GEOSPATIAL SERVICES
720 OLIVE STREET, SUITE 200A
ST. LOUIS, MO 63101
(314) 241-6300
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MISSOURI CERT. OF AUTHORITY: 001538

CROSS SECTIONS
ROUTE 100
SHEET 88 OF 473

P:\2016\160347\4 CADD - DWG\4.7 Tran\03_Preliminary Design\Sheets\XSections\037-127_XS_02_J6S1718.dgn 4:47:02 PM 3/30/2021

STATE OF MISSOURI
JOHN R. LANDECK
NUMBER PE-2013032918
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY

DATE PREPARED
3/30/2021

ROUTE	STATE
100	MO

DISTRICT	SHEET NO.
SL	89

COUNTY
ST. LOUIS

JOB NO.
J6S1718, B, & C

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

MoDOT

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

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720 OLIVE STREET, SUITE 200A
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MISSOURI CERT. OF AUTHORITY: 001528

CROSS SECTIONS
ROUTE 100
SHEET 89 OF 473

REV.

P:\2016\160347\4 CADD - DWG\4.7 Tran\03_Preliminary Design\Sheets\XSections\037-127_XS_02_J6S1718.dgn 4:47:04 PM 3/30/2021

69+00.00

EL 461.38
OFF -50.4'

EL 462.83 PERM.
OFF -46.4'

0.77%

EXIST.
EL 462.32
OFF -29.4'

0.73%

EL 462.88
OFF -23.9'

PROP. STORM SEWER

METRO FO

MCI FO

2.02%

EX. STORM

EL 463.36
OFF 0.0'

EX. STORM

1.50%

WATER LINE

EL 463.06
OFF 20.0'

EL 463.40
OFF 23.0'

EL 463.44
OFF 26.0'

1.00%

GAS LINE

ATT LINE

EXIST. R/W

EL 463.49
OFF 31.0'

PERM. ESM'T.

EL 463.81
OFF 32.0'

TEMP. ESM'T.

68+91.62

EL 461.53
OFF -50.0'

9.00%

EL 462.43
OFF -40.0'

PERM. ESM'T.

0.78%

EXIST. R/W

EL 462.52
OFF -29.0'

0.72%

EL 462.48
OFF -23.5'

PROP. STORM SEWER

METRO FO

MCI FO

EX. STORM

2.03%

EX. STORM

EL 462.96
OFF 0.0'

1.50%

WATER LINE

EL 462.66
OFF 20.0'

EL 462.99
OFF 23.0'

EL 463.04
OFF 26.0'

1.00%

GAS LINE

ATT LINE

EXIST. R/W

EL 463.09
OFF 31.0'

PERM. ESM'T.

EL 463.35
OFF 32.0'

TEMP. ESM'T.

COMMERCIAL

5'

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

STATE OF MISSOURI
JOHN R. LANDECK
NUMBER PE-2013032918
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY

DATE PREPARED
3/30/2021

ROUTE	STATE
100	MO

DISTRICT	SHEET NO.
SL	90

COUNTY
ST. LOUIS

JOB NO.
J6S1718, B, & C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

REV.	DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

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CROSS SECTIONS
ROUTE 100
SHEET 90 OF 473

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STATE OF MISSOURI
JOHN R. LANDECK
NUMBER PE-2013032918
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY

DATE PREPARED
3/30/2021

ROUTE	STATE
100	MO

DISTRICT	SHEET NO.
SL	91

COUNTY
ST. LOUIS

JOB NO.
J6S1718, B, & C

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

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JEFFERSON CITY, MO 65102
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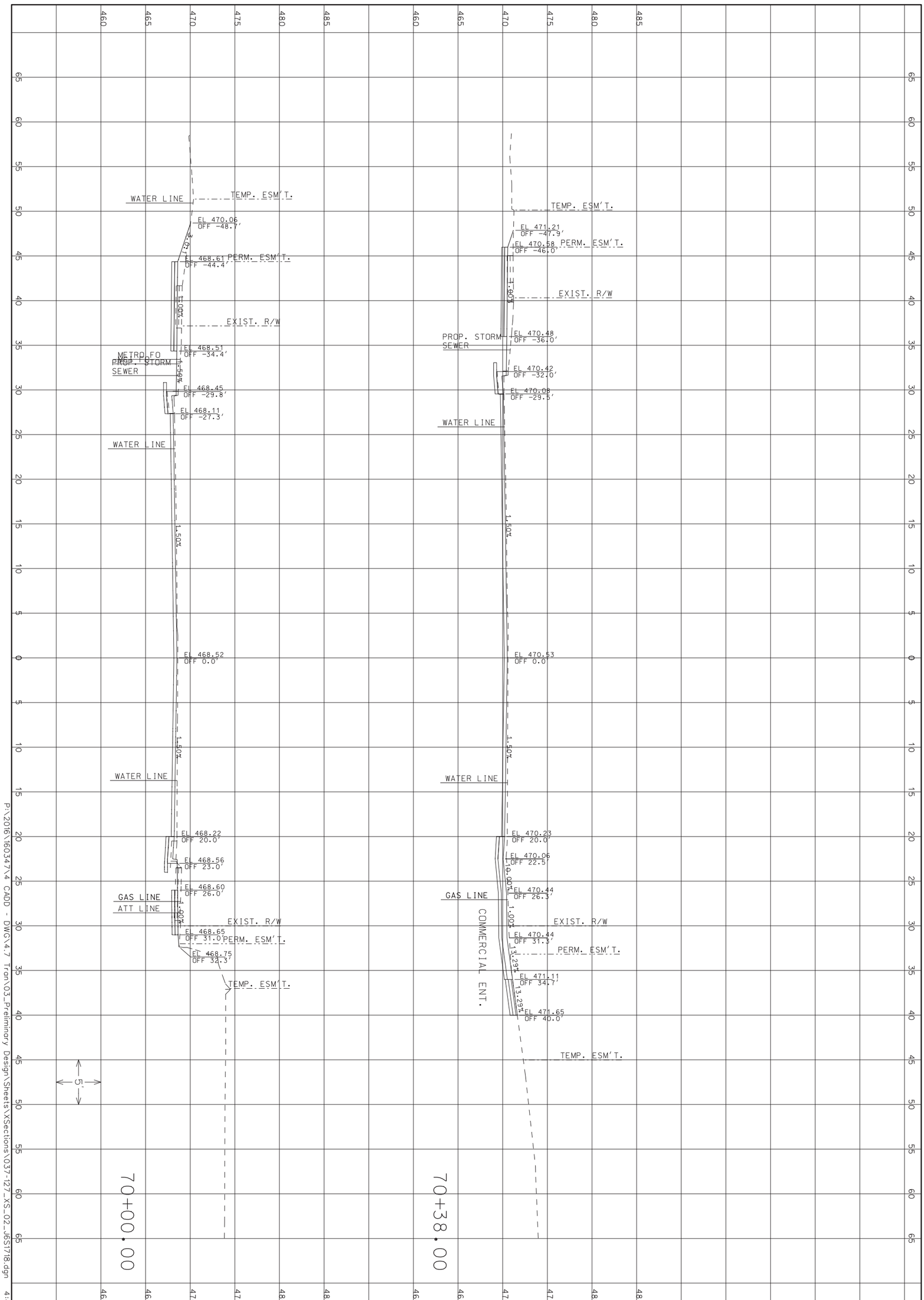
MISSOURI CERT. OF AUTHORITY: 001528

CROSS SECTIONS
ROUTE 100
SHEET 91 OF 473

REV.

P:\2016\160347\4 CADD - DWG\4.7 Tran\03_Preliminary Design\Sheets\XSections\037-127_XS_02_J6S1718.dgn 4:47:06 PM 3/30/2021



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CROSS SECTIONS

ROUTE 100

SHEET 92 OF 473

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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

DATE	DESCRIPTION

BRIDGE NO.

PROJECT NO.

CONTRACT ID. J6S1718, B, & C

JOB NO.

COUNTY ST. LOUIS

DISTRICT SL | SHEET NO. 92

ROUTE 100 | STATE MO

DATE PREPARED 3/30/2021

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY

JOHN R. LANDECK NUMBER PE-2013030318 PROFESSIONAL ENGINEER STATE OF MISSOURI

REV.

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STATE OF MISSOURI
JOHN R. LANDECK
NUMBER PE-2013032918
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY

DATE PREPARED
3/30/2021

ROUTE	STATE
100	MO

DISTRICT	SHEET NO.
SL	93

COUNTY
ST. LOUIS

JOB NO.
J6S1718, B, & C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

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

REV.	DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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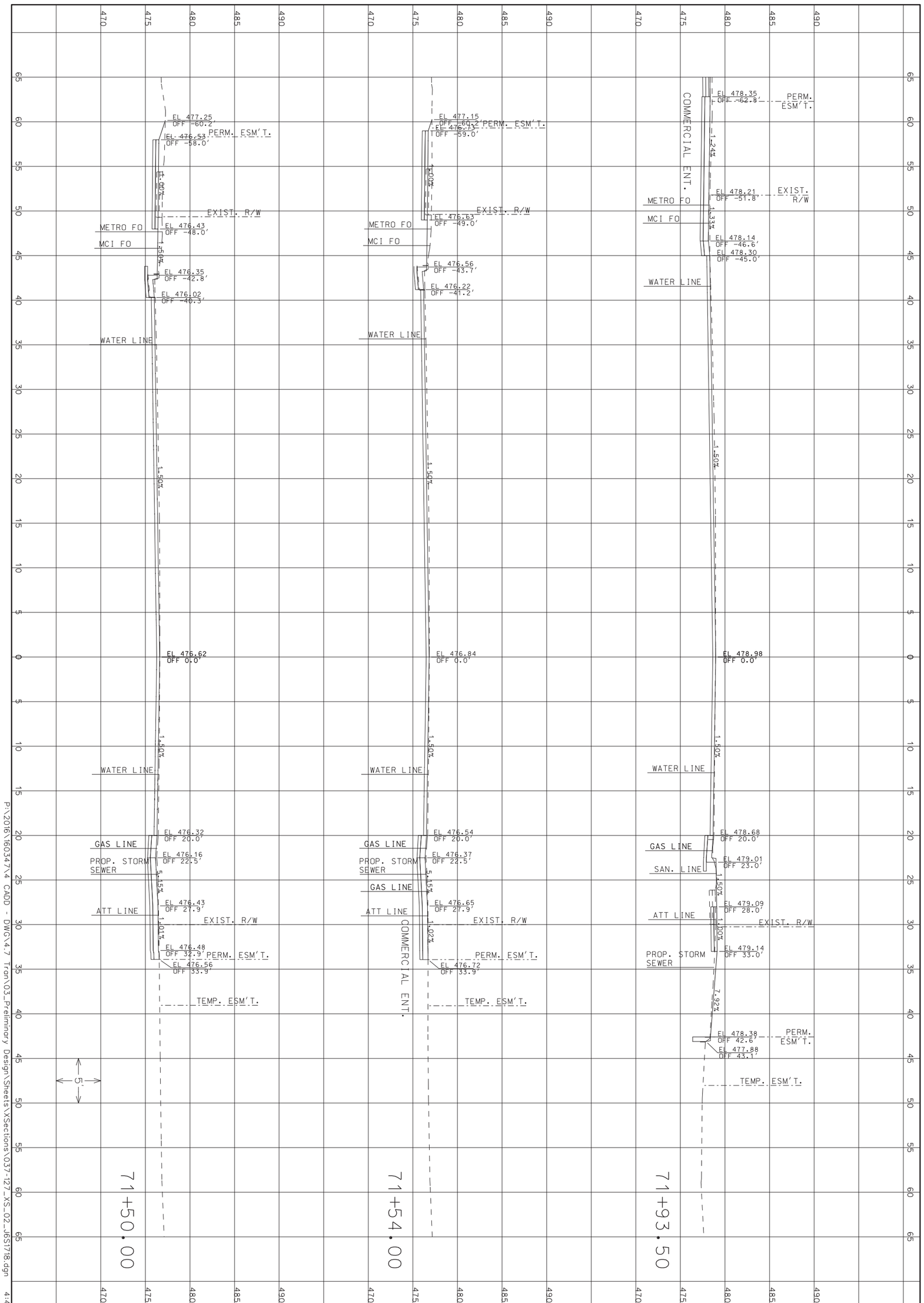
CROSS SECTIONS

ROUTE 100

SHEET 93 OF 473



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CROSS SECTIONS

ROUTE 100

SHEET 94 OF 473

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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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DATE	DESCRIPTION

BRIDGE NO.

PROJECT NO.

CONTRACT ID. J6S1718, B, & C

JOB NO.

COUNTY ST. LOUIS

DISTRICT SL | SHEET NO. 94

ROUTE 100 | STATE MO

DATE PREPARED 3/30/2021

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY

PROFESSIONAL ENGINEER
JOHN R. LANDECK
NUMBER PE-2013030918
STATE OF MISSOURI

REV.

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

STATE OF MISSOURI
JOHN R. LANDECK
NUMBER PE-2013032918
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY

DATE PREPARED
3/30/2021

ROUTE	STATE
100	MO

DISTRICT	SHEET NO.
SL	95

COUNTY
ST. LOUIS

JOB NO.
J6S1718, B, & C

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

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CROSS SECTIONS
ROUTE 100
SHEET 95 OF 473

REV.

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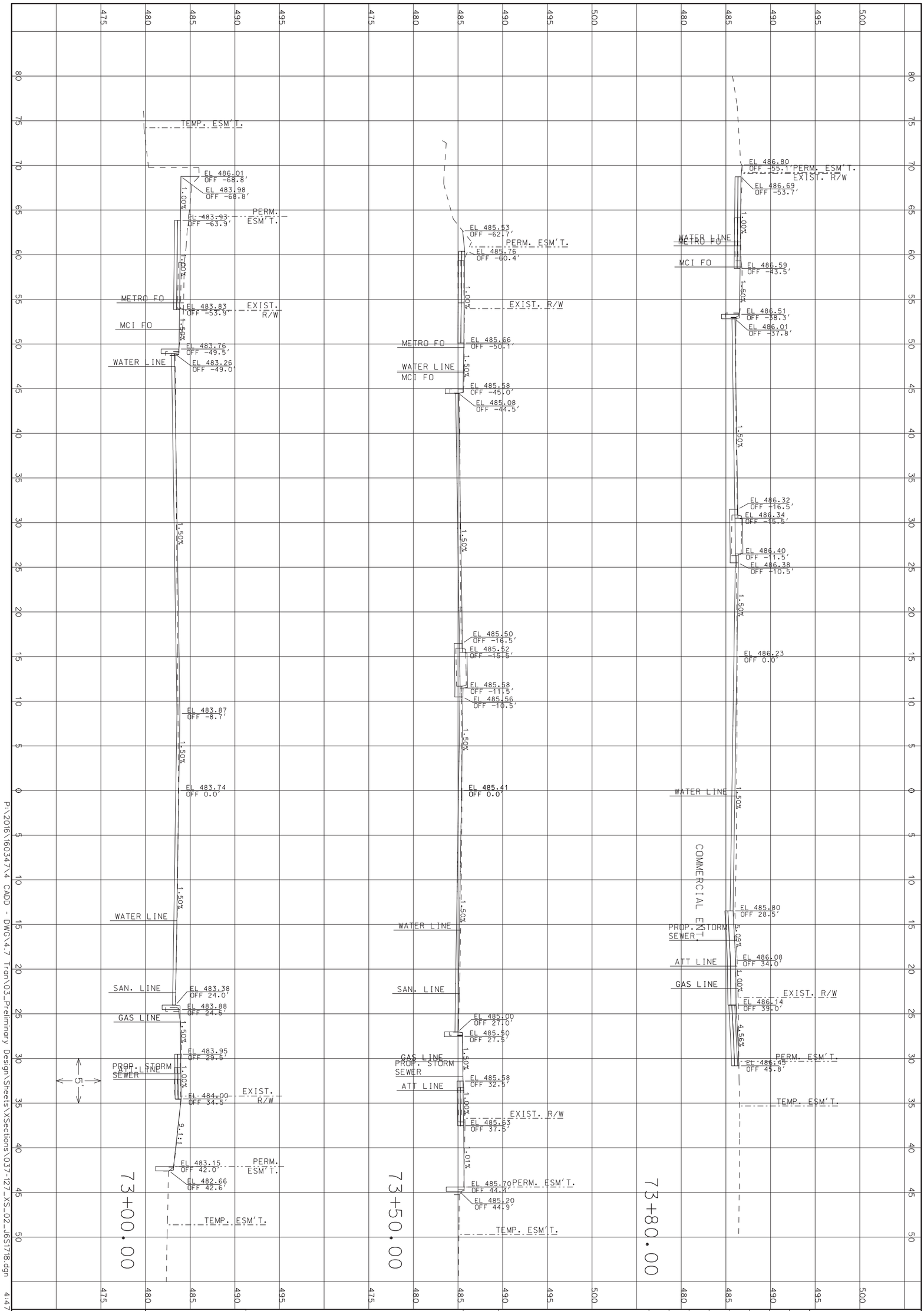

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CROSS SECTIONS

ROUTE 100

SHEET 96 OF 473

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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

MoDOT

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

DATE	DESCRIPTION

BRIDGE NO.

PROJECT NO.

CONTRACT ID.

JOB NO. J6S1718, B, & C

COUNTY ST. LOUIS

DISTRICT SL

ROUTE 100

SHEET NO. 96

STATE MO

DATE PREPARED 3/30/2021

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY

STATE OF MISSOURI
JOHN R. LANDECK
NUMBER PE-2013032918
PROFESSIONAL ENGINEER

REV.

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

JOHN R. LANDECK
NUMBER PE-2013032918
STATE OF MISSOURI
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY

DATE PREPARED
3/30/2021

ROUTE	STATE
100	MO
DISTRICT	SHEET NO.
SL	97

COUNTY
ST. LOUIS

JOB NO.
J6S1718, B, & C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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MISSOURI CERT. OF AUTHORITY: 001538

CROSS SECTIONS
ROUTE 100
SHEET 97 OF 473

REV.

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

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STATE OF MISSOURI
JOHN R. LANDECK
NUMBER PE-2013032918
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY

DATE PREPARED
3/30/2021

ROUTE	STATE
100	MO
DISTRICT	SHEET NO.
SL	98

COUNTY
ST. LOUIS

JOB NO.
J6S1718, B, & C

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

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CROSS SECTIONS
ROUTE 100
SHEET 98 OF 473

REV.

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STATE OF MISSOURI
JOHN R. LANDECK
NUMBER PE-2013032918
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY

DATE PREPARED
3/30/2021

ROUTE	STATE
100	MO
DISTRICT	SHEET NO.
SL	99

COUNTY
ST. LOUIS

JOB NO.
J6S1718, B, & C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

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

REV.	DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

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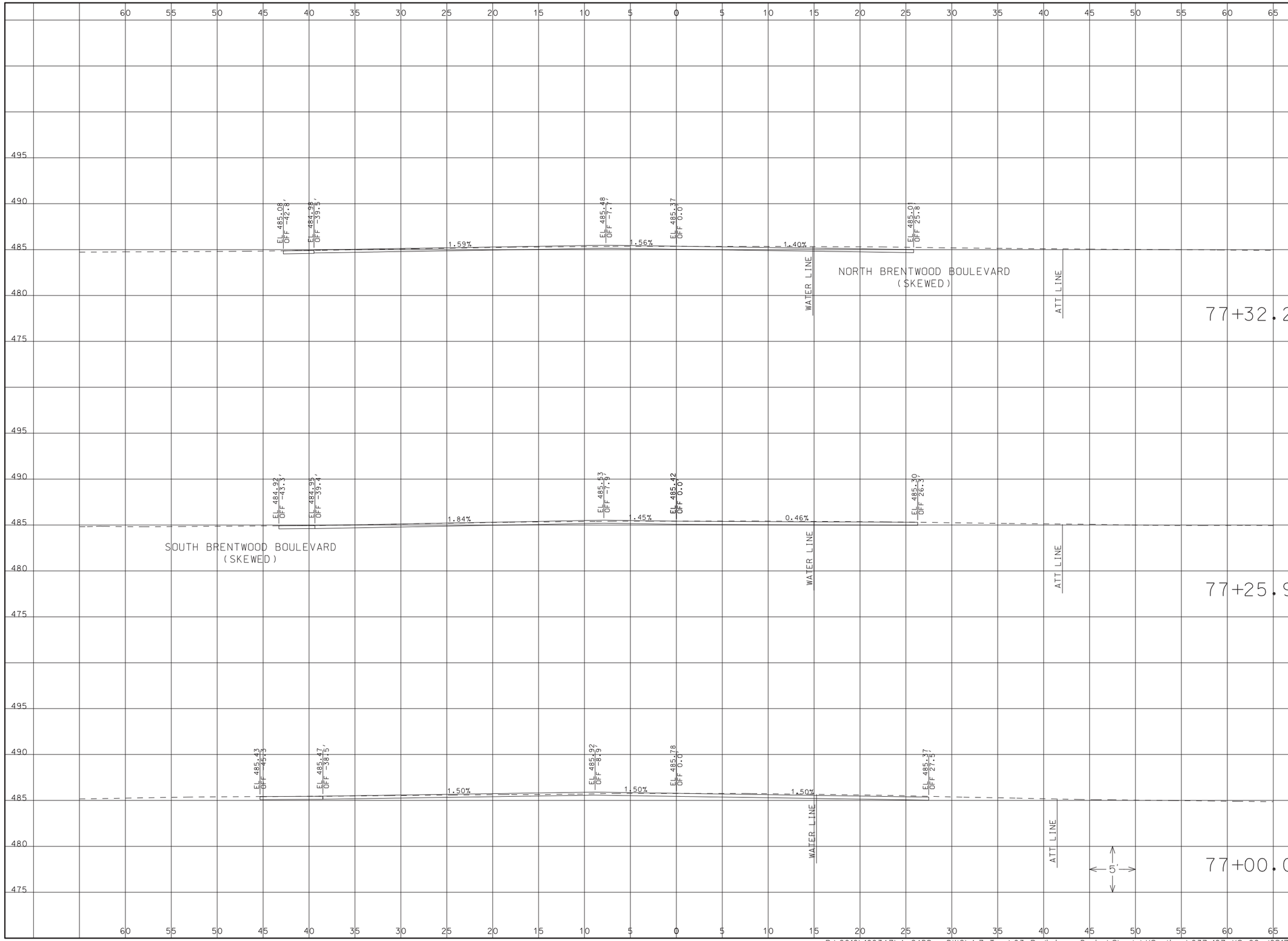
MISSOURI CERT. OF AUTHORITY: 001538

CROSS SECTIONS

ROUTE 100

SHEET 99 OF 473

P:\2016\160347\4 CADD - DWG\4.7 Tran\03_Preliminary Design\Sheets\XSections\037-127_XS_02_J6S1718.dgn 4:47:17 PM 3/30/2021



STATE OF MISSOURI
JOHN R. LANDECK
NUMBER PE-2013032918
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY

DATE PREPARED
3/30/2021

ROUTE	STATE
100	MO
DISTRICT	SHEET NO.
SL	100

COUNTY
ST. LOUIS

JOB NO.
J6S1718, B, & C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
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CROSS SECTIONS
ROUTE 100
SHEET 100 OF 473

REV.

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

P:\2016\160347\4 CADD - DWG\4.7 Tran\03_Preliminary Design\Sheets\XSections\037-127_XS_02_J6S1718.dgn 4:47:18 PM 3/30/2021

78+50.00

78+00.00

77+50.00

STATE OF MISSOURI
JOHN R. LANDECK
NUMBER PE-2013032918
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY

DATE PREPARED
3/30/2021

ROUTE	STATE
100	MO
DISTRICT	SHEET NO.
SL	101

COUNTY
ST. LOUIS

JOB NO.
J6S1718, B, & C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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CROSS SECTIONS
ROUTE 100
SHEET 101 OF 473

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

REV.

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STATE OF MISSOURI
PROFESSIONAL ENGINEER

DATE PREPARED
3/30/2021

ROUTE	STATE
100	MO
DISTRICT	SHEET NO.
SL	102

COUNTY
ST. LOUIS

JOB NO.
J6S1718, B, & C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

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

REV.	DESCRIPTION	DATE

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CROSS SECTIONS

ROUTE 100

SHEET 102 OF 473

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JOHN R. LANDECK
NUMBER PE-2013032918
STATE OF MISSOURI
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY

DATE PREPARED
3/30/2021

ROUTE	STATE
100	MO
DISTRICT	SHEET NO.
SL	103

COUNTY
ST. LOUIS

JOB NO.
J6S1718, B, & C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

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

REV.	DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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CROSS SECTIONS

ROUTE 100

SHEET 103 OF 473

P:\2016\160347\4 CADD - DWG\4.7 Tran\03_Preliminary Design\Sheets\XSections\037-127_XS_02_J6S1718.dgn 4:47:21 PM 3/30/2021

81+00.00

EXIST. R/W
EL 481.60 OFF -58.8'
EL 480.96 OFF -58.3'
1.00%
EL 480.86 OFF -48.3'
1.50%
EL 480.75 OFF -40.5'
EL 480.41 OFF -37.5'
GAS LINE
1.50%
SAN. LINE
EL 480.88 OFF -6.5'
EL 480.89 OFF -5.5'
EL 480.83 OFF -1.5'
EL 480.82 OFF -0.5'
EL 480.81 OFF 0.0'
1.51%
EL 480.51 OFF 20.0'
GAS LINE
SAN. LINE
EL 480.84 OFF 23.0'
WATER LINE
EL 480.87 OFF 25.0'
GAS LINE
1.00%
EXIST. R/W
ATT LINE
SAN. LINE
EL 480.95 OFF 33.0'
PERM. ESM'T.
EL 482.09 OFF 56.0'
TEMP. ESM'T.

80+78.00

EXIST. R/W
EL 481.76 OFF -62.5'
1.00%
EL 481.65 OFF -49.5'
1.50%
EL 481.51 OFF -40.5'
EL 481.18 OFF -37.5'
GAS LINE
1.50%
SAN. LINE
EL 481.65 OFF -6.5'
EL 481.66 OFF -5.5'
EL 481.60 OFF -1.5'
EL 481.59 OFF -0.5'
EL 481.58 OFF 0.0'
1.50%
EL 481.28 OFF 20.0'
EL 481.11 OFF 22.5'
WATER LINE
EL 481.36 OFF 25.0'
1.00%
EXIST. R/W
ATT LINE
EL 481.41 OFF 30.5'
9.73%
EL 482.34 OFF 40.0'
TEMP. ESM'T.
COMMERCIAL ENT.

80+50.00

EXIST. R/W
EL 482.30 OFF -60.0'
1.00%
EL 482.18 OFF -48.8'
1.38%
EL 482.09 OFF -41.9'
GAS LINE
1.50%
SAN. LINE
EL 482.61 OFF -6.5'
EL 482.63 OFF -5.5'
EL 482.57 OFF -1.5'
EL 482.56 OFF -0.5'
EL 482.55 OFF 0.0'
1.52%
EL 482.25 OFF 20.0'
EL 482.58 OFF 23.0'
EL 482.60 OFF 24.0'
WATER LINE
EL 483.77 OFF 25.0'
EXIST. R/W
1.50%
EL 483.82 OFF 30.0'
ATT LINE
5'

STATE OF MISSOURI
JOHN R. LANDECK
NUMBER PE-2013032918
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY

DATE PREPARED 3/30/2021
ROUTE 100 | STATE MO
DISTRICT SL | SHEET NO. 104
COUNTY ST. LOUIS
JOB NO. J6S1718, B, & C
CONTRACT ID.
PROJECT NO.
BRIDGE NO.

DESCRIPTION | DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

TWM
ENGINEERING
GEOSPATIAL SERVICES
720 OLIVE STREET, SUITE 200A
ST. LOUIS, MO 63101
(314) 241-6300
www.twm-inc.com
MISSOURI CERT. OF AUTHORITY: 001528

CROSS SECTIONS
ROUTE 100
SHEET 104 OF 473

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

REV.

P:\2016\160347\4 CADD - DWG\4.7 Tran\03_Preliminary Design\Sheets\XSections\037-127_XS_02_J6S1718.dgn 4:47:23 PM 3/30/2021

JOHN R. LANDECK
NUMBER PE-2013032918
STATE OF MISSOURI
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY

DATE PREPARED
3/30/2021

ROUTE	STATE
100	MO
DISTRICT	SHEET NO.
SL	105

COUNTY
ST. LOUIS

JOB NO.
J6S1718, B, & C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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CROSS SECTIONS
ROUTE 100
SHEET 105 OF 473

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

REV.

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

STATE OF MISSOURI
JOHN R. LANDECK
NUMBER PE-2013032918
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY

DATE PREPARED
3/30/2021

ROUTE	STATE
100	MO
DISTRICT	SHEET NO.
SL	106

COUNTY
ST. LOUIS

JOB NO.
J6S1718, B, & C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

REV.	DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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CROSS SECTIONS
ROUTE 100
SHEET 106 OF 473

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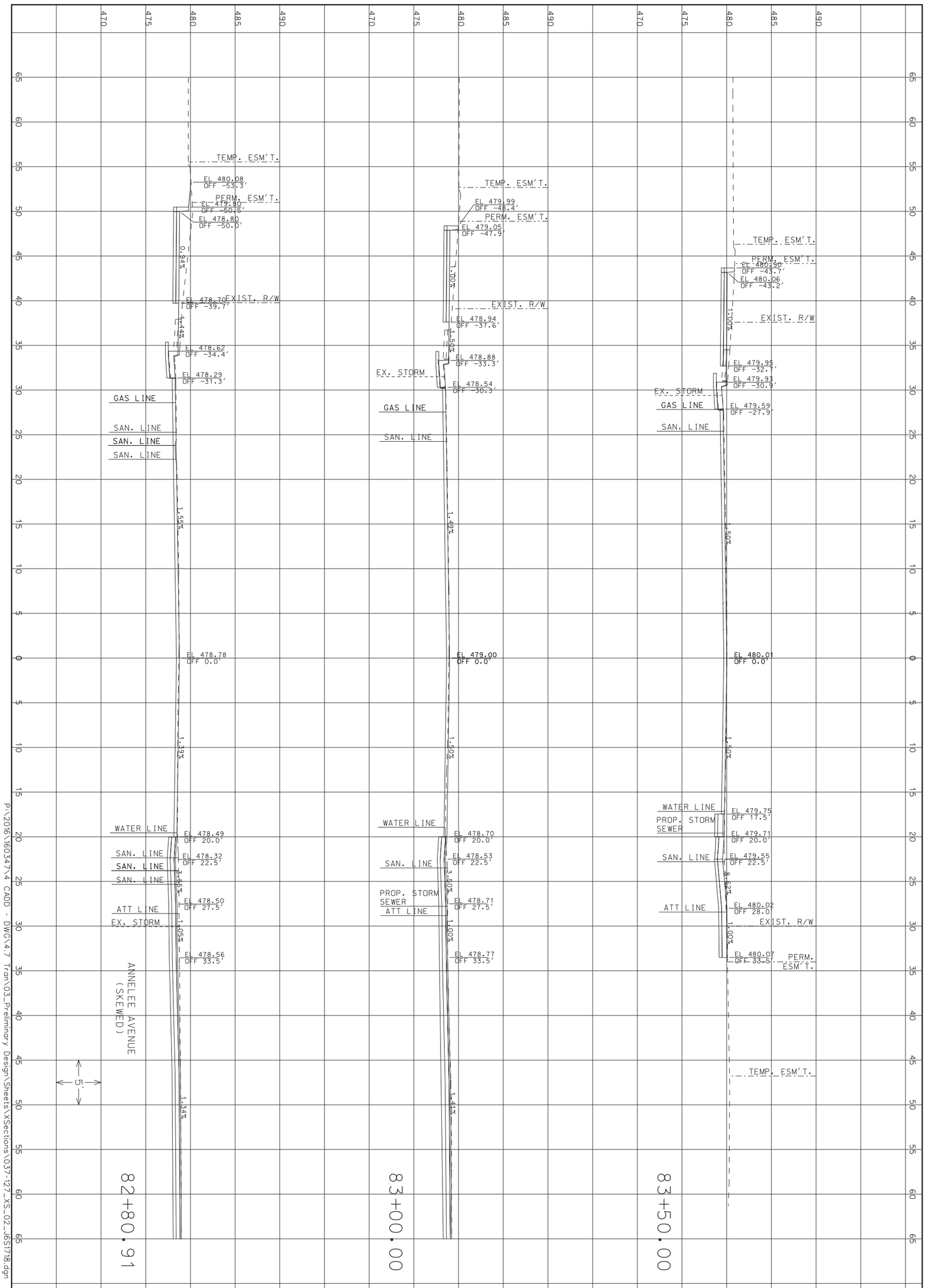

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CROSS SECTIONS

ROUTE 100

SHEET 107 OF 473

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DATE	DESCRIPTION

BRIDGE NO.

PROJECT NO.

J6S1718, B, & C
CONTRACT ID.

JOB NO.

COUNTY
ST. LOUIS

DISTRICT
SL

ROUTE
100

SHEET NO.
107

STATE
MO

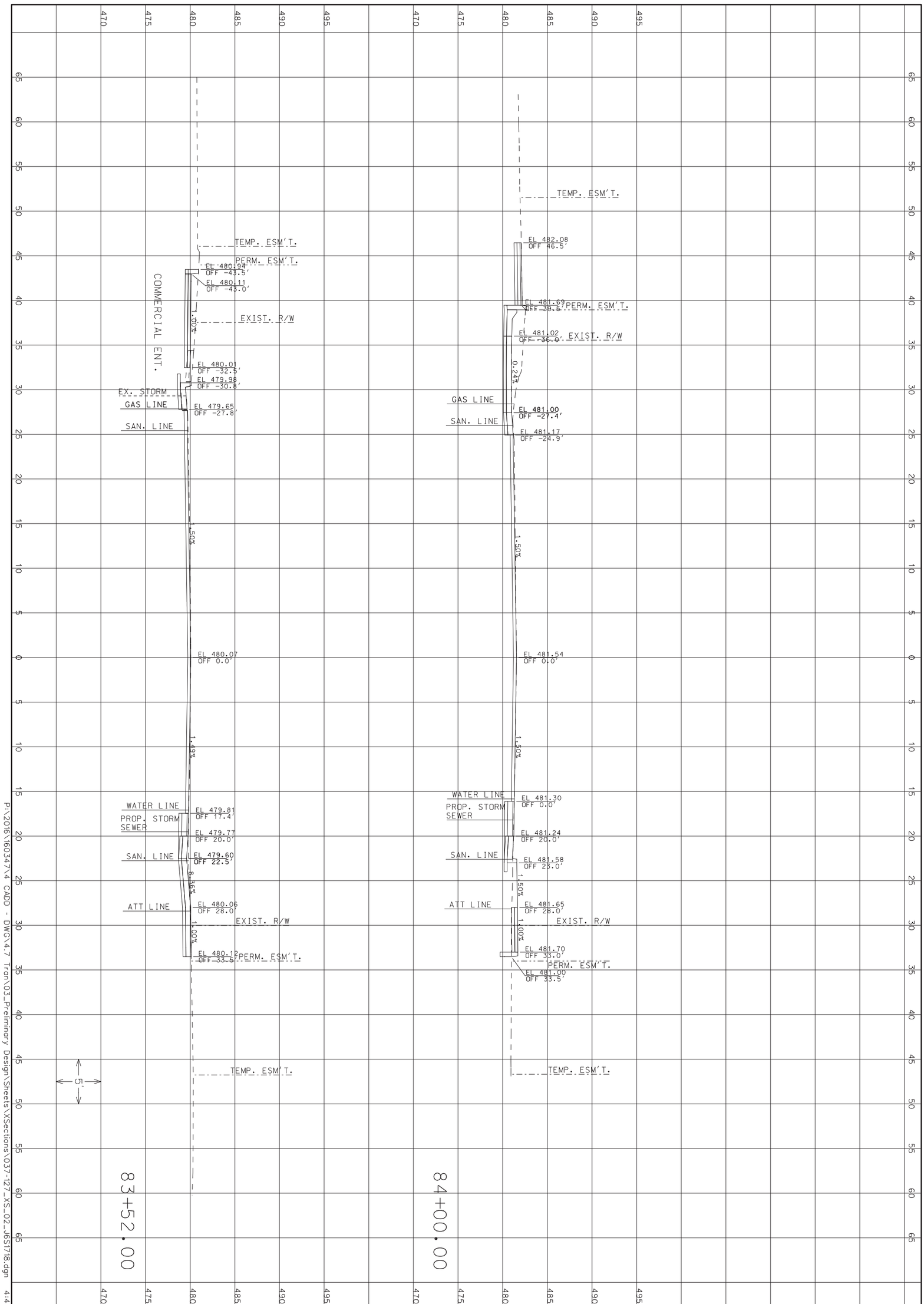
DATE PREPARED
3/30/2021

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY

STATE OF MISSOURI
JOHN R. LANDECK
NUMBER
PE-2013030918
PROFESSIONAL ENGINEER

REV.

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



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CROSS SECTIONS

ROUTE 100

SHEET 108 OF 473

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

DATE	DESCRIPTION

BRIDGE NO.

PROJECT NO.

CONTRACT ID. J6S1718.B.&C

JOB NO.

COUNTY ST. LOUIS

DISTRICT SL | SHEET NO. 108

ROUTE 100 | STATE MO

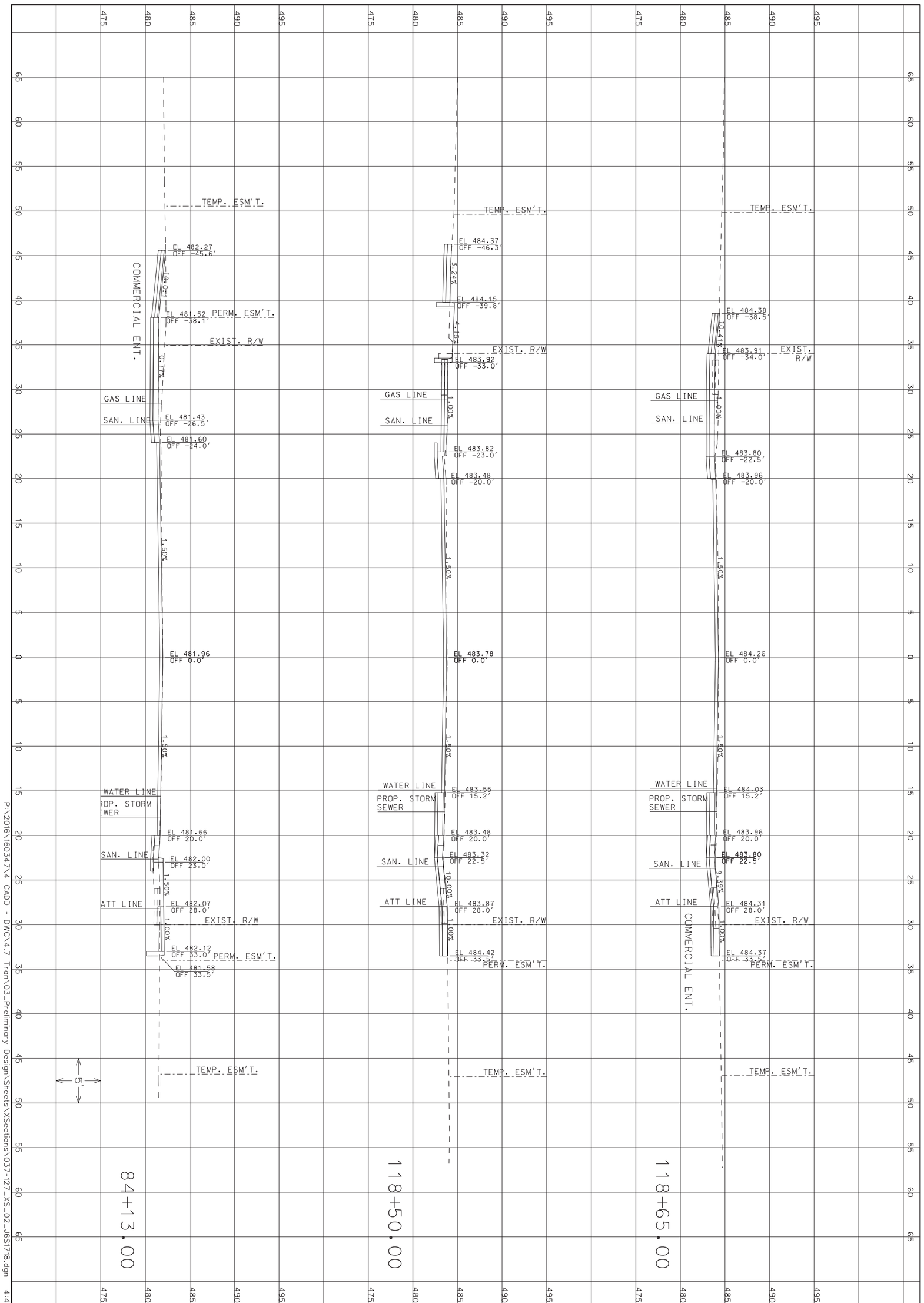
DATE PREPARED 3/30/2021

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY

STATE OF MISSOURI
JOHN R. LANDER
NUMBER PE-2013030318
PROFESSIONAL ENGINEER

REV.

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



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CROSS SECTIONS

ROUTE 100

SHEET 109 OF 473

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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
MoDOT
105 WEST CAPITOL
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1-888-ASK-MODOT (1-888-275-6636)

DATE	DESCRIPTION

BRIDGE NO.

PROJECT NO.

JOB NO. J6S1718, B, & C
CONTRACT ID.

COUNTY ST. LOUIS

DISTRICT SL | SHEET NO. 109

ROUTE 100 | STATE MO

DATE PREPARED 3/30/2021

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY

STATE OF MISSOURI
JOHN R. LANDECK
NUMBER PE-2013030318
PROFESSIONAL ENGINEER

REV.

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

JOHN R. LANDECK
NUMBER PE-2013032918
STATE OF MISSOURI
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THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY

DATE PREPARED
3/30/2021

ROUTE	STATE
100	MO
DISTRICT	SHEET NO.
SL	110

COUNTY
ST. LOUIS

JOB NO.
J6S1718, B, & C

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

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CROSS SECTIONS
ROUTE 100
SHEET 110 OF 473

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STATE OF MISSOURI
JOHN R. LANDECK
NUMBER PE-2013032918
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THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY

DATE PREPARED
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ROUTE	STATE
100	MO
DISTRICT	SHEET NO.
SL	111

COUNTY
ST. LOUIS

JOB NO.
J6S1718, B, & C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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CROSS SECTIONS
ROUTE 100
SHEET 111 OF 473

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

REV.

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NUMBER PE-2013032918
STATE OF MISSOURI
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THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY

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ROUTE	STATE
100	MO
DISTRICT	SHEET NO.
SL	112

COUNTY
ST. LOUIS

JOB NO.
J6S1718, B, & C

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

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CROSS SECTIONS

ROUTE 100

SHEET 112 OF 473

REV.

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STATE OF MISSOURI
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NUMBER PE-2013032918
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THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY

DATE PREPARED
3/30/2021

ROUTE	STATE
100	MO

DISTRICT	SHEET NO.
SL	113

COUNTY
ST. LOUIS

JOB NO.
J6S1718, B, & C

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

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JEFFERSON CITY, MO 65102
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CROSS SECTIONS
ROUTE 100
SHEET 113 OF 473

REV.

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JOHN R. LANDECK
NUMBER PE-2013032918
STATE OF MISSOURI
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY

DATE PREPARED
3/30/2021

ROUTE	STATE
100	MO
DISTRICT	SHEET NO.
SL	114

COUNTY
ST. LOUIS

JOB NO.
J6S1718, B, & C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

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

REV.	DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

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ENGINEERING
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720 OLIVE STREET, SUITE 200A
ST. LOUIS, MO 63101
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MISSOURI CERT. OF AUTHORITY: 001538

CROSS SECTIONS
ROUTE 100
SHEET 114 OF 473

P:\2016\160347\4 CADD - DWG\4.7 Tran\03_Preliminary Design\Sheets\XSections\037-127_XS_02_J6S1718.dgn 4:47:35 PM 3/30/2021

123+00.00

TEMP. ESM'T.
PERM. ESM'T.
EXIST. R/W
EL 497.72 OFF -59.5'
EL 497.62 OFF -42.4'
EL 496.99 OFF -35.1'
EL 496.82 OFF -24.8'
EL 496.68 OFF -22.5'
EL 496.84 OFF -20.0'
EL 497.14 OFF 0.0'
EL 496.84 OFF 20.0'
EL 497.18 OFF 23.0'
EL 497.25 OFF 28.0'
EL 497.30 OFF 33.0'
1.72%
1.50%
1.50%
1.50%
1.00%
GAS LINE
SAN. LINE
WATER LINE
SAN. LINE
ATT LINE

122+50.00

TEMP. ESM'T.
PERM. ESM'T.
EXIST. R/W
EL 496.22 OFF -38.0'
EL 496.12 OFF -28.0'
EL 496.09 OFF -23.0'
EL 495.76 OFF -20.0'
EL 496.06 OFF 0.0'
EL 495.76 OFF 20.0'
EL 496.09 OFF 23.0'
EL 496.17 OFF 28.0'
EL 496.22 OFF 33.0'
1.00%
1.50%
1.49%
1.49%
1.50%
1.00%
GAS LINE
SAN. LINE
WATER LINE
SAN. LINE
ATT LINE

122+00.00

TEMP. ESM'T.
EXIST. R/W
EL 494.19 OFF -38.1'
EL 494.71 OFF -33.0'
EL 494.61 OFF -23.0'
EL 494.27 OFF -20.0'
EL 494.57 OFF 0.0'
EL 494.27 OFF 20.0'
EL 494.61 OFF 23.0'
EL 494.68 OFF 28.0'
EL 494.73 OFF 33.0'
10.0:1
1.00%
1.49%
1.49%
1.50%
1.00%
GAS LINE
SAN. LINE
WATER LINE
SAN. LINE
ATT LINE
PERM. ESM'T.

5'

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

510 505 500 495 490 485

STATE OF MISSOURI
JOHN R. LANDECK
NUMBER PE-2013032918
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY

DATE PREPARED
3/30/2021

ROUTE	STATE
100	MO
DISTRICT	SHEET NO.
SL	115

COUNTY
ST. LOUIS

JOB NO.
J6S1718, B, & C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

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

REV.	DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
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CROSS SECTIONS
ROUTE 100
SHEET 115 OF 473

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STATE OF MISSOURI
JOHN R. LANDECK
NUMBER PE-2013032918
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY

DATE PREPARED
3/30/2021

ROUTE	STATE
100	MO
DISTRICT	SHEET NO.
SL	116

COUNTY
ST. LOUIS

JOB NO.
J6S1718, B, & C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

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

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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CROSS SECTIONS
ROUTE 100
SHEET 116 OF 473

REV.

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

DATE PREPARED
3/30/2021

ROUTE	STATE
100	MO
DISTRICT	SHEET NO.
SL	117

COUNTY
ST. LOUIS

JOB NO.
J6S1718, B, & C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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CROSS SECTIONS
ROUTE 100
SHEET 117 OF 473

REV.

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

DATE PREPARED
3/30/2021

ROUTE	STATE
100	MO
DISTRICT	SHEET NO.
SL	118

COUNTY
ST. LOUIS

JOB NO.
J6S1718, B, & C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

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REV.	DESCRIPTION	DATE

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CROSS SECTIONS
ROUTE 100
SHEET 118 OF 473

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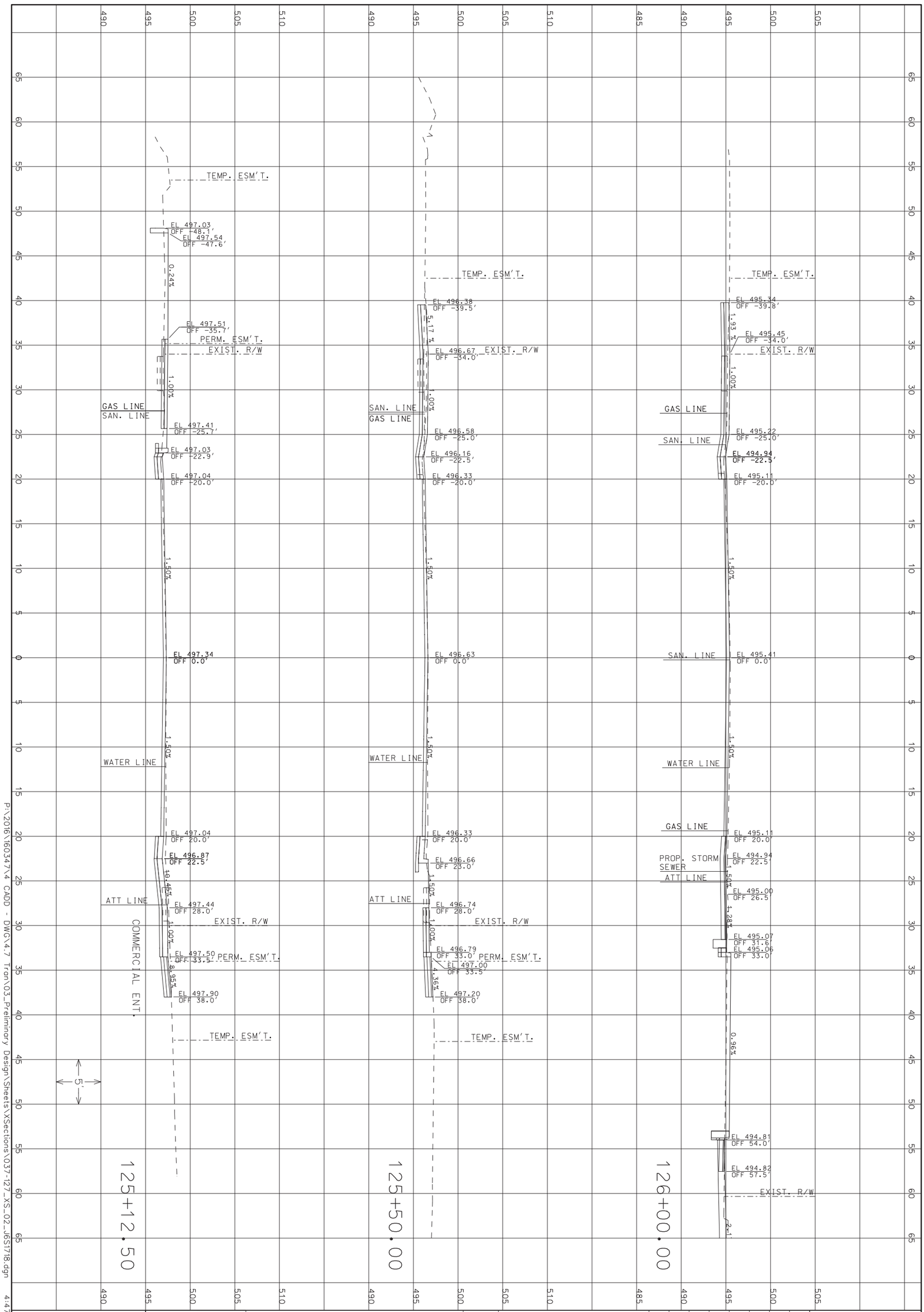

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CROSS SECTIONS

ROUTE 100

SHEET 119 OF 473

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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

DATE	DESCRIPTION

BRIDGE NO.

PROJECT NO.

CONTRACT ID.

JOB NO. J6S1718, B, & C

COUNTY ST. LOUIS

DISTRICT SL

ROUTE 100

SHEET NO. 119

STATE MO

DATE PREPARED 3/30/2021

STATE OF MISSOURI
JOHN R. LANDECK
NUMBER PE-2013032918
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY

REV.

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

126+50.00

TEMP. ESM'T.
EL 494.25 OFF -39.5'
EXIST. R/W
EL 494.22 OFF -35.5'
EL 494.11 OFF -25.0'
EL 493.70 OFF -22.5'
EL 493.86 OFF -20.0'
EL 494.16 OFF 0.0'
EL 493.86 OFF 20.0'
EL 493.70 OFF 22.5'
EL 493.71 OFF 26.5'
EXIST. R/W
EL 493.73 OFF 34.5'
EXIST. R/W
0.86 %
1.00%
1.50%
1.50%
0.10%
0.33%
GAS LINE
SAN. LINE
WATER LINE
ATT LINE
PROP. STORM SEWER

126+16.00

HIGH SCHOOL DRIVE (SKEWED)

TEMP. ESM'T.
EL 495.00 OFF -39.5'
EXIST. R/W
EL 495.05 OFF -34.0'
EL 494.96 OFF -25.0'
EL 494.54 OFF -22.5'
EL 494.71 OFF -20.0'
EL 495.01 OFF 0.0'
EL 494.71 OFF 20.0'
EL 494.54 OFF 22.5'
EL 494.60 OFF 26.5'
EL 494.68 OFF 34.5'
EXIST. R/W
EL 494.83 OFF 63.8'
0.76 %
1.00%
1.50%
1.50%
1.50%
1.03%
0.51%
GAS LINE
SAN. LINE
GAS LINE
WATER LINE
PROP. STORM SEWER
ATT LINE

126+08.50

COMMERCIAL ENT.

TEMP. ESM'T.
EL 495.06 OFF -39.5'
EXIST. R/W
EL 495.23 OFF -34.0'
EL 495.14 OFF -25.0'
EL 494.73 OFF -22.5'
EL 494.89 OFF -20.0'
EL 495.19 OFF 0.0'
EL 494.89 OFF 20.0'
EL 494.73 OFF 22.5'
EL 494.79 OFF 26.5'
EL 494.87 OFF 34.5'
EXIST. R/W
EL 494.99 OFF 58.0'
EL 494.81 OFF 64.0'
3.14 %
1.00%
1.50%
1.50%
1.50%
1.00%
0.37%
2.86%
GAS LINE
SAN. LINE
SAN. LINE
GAS LINE
WATER LINE
PROP. STORM SEWER
ATT LINE
5'

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STATE OF MISSOURI
JOHN R. LANDECK
NUMBER PE-2013032918
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY

DATE PREPARED
3/30/2021

ROUTE	STATE
100	MO
DISTRICT	SHEET NO.
SL	120

COUNTY
ST. LOUIS

JOB NO.
J6S1718, B, & C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

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

REV.	DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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ENGINEERING
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720 OLIVE STREET, SUITE 200A
ST. LOUIS, MO 63101
(314) 241-6300
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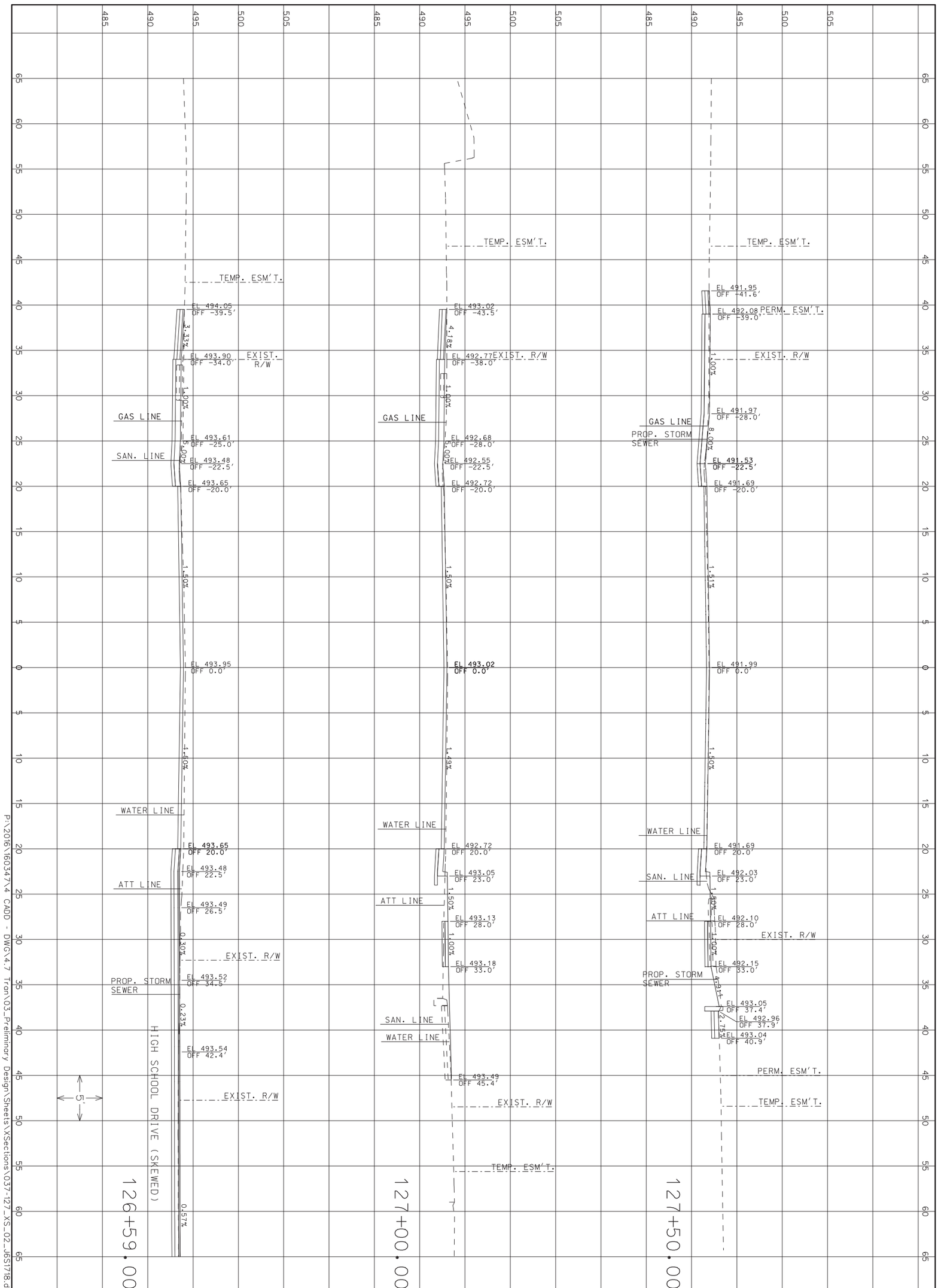
MISSOURI CERT. OF AUTHORITY: 001528

CROSS SECTIONS
ROUTE 100
SHEET 120 OF 473



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CROSS SECTIONS

ROUTE 100

SHEET 121 OF 473

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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

DATE	DESCRIPTION

BRIDGE NO.

PROJECT NO.

J6S1718, B, & C
CONTRACT ID.

ST. LOUIS
JOB NO.

COUNTY

DISTRICT	SHEET NO.
SL	121

ROUTE	STATE
100	MO

DATE PREPARED
3/30/2021

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STATE OF MISSOURI
PROFESSIONAL ENGINEER
JOHN R. LANDECK
NUMBER PE-2013030318

REV.

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JOHN R. LANDECK
NUMBER PE-2013032918
STATE OF MISSOURI
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY

DATE PREPARED
3/30/2021

ROUTE	STATE
100	MO

DISTRICT	SHEET NO.
SL	122

COUNTY
ST. LOUIS

JOB NO.
J6S1718, B, & C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

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

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CROSS SECTIONS
ROUTE 100
SHEET 122 OF 473

REV.

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

505 500 495 490 485 480

TEMP. ESM'T.
EL 490.57
OFF -41.5'
EL 490.27
OFF -39.0'
PERM. ESM'T.
EXIST. R/W
1.00%
EL 490.16
OFF -28.0'
8.00%
EL 489.72
OFF -22.5'
EL 489.89
OFF -20.0'
1.51%
EL 490.19
OFF 0.0'
1.50%
WATER LINE
GAS LINE
PROP. STORM SEWER
EL 489.89
OFF 20.0'
SAN. LINE
EL 490.22
OFF 23.0'
1.50%
ATT LINE
EL 490.29
OFF 28.0'
1.00%
EL 490.34
OFF 33.0'
3.8:1
EL 492.06
OFF 37.6'
EL 491.56
OFF 38.1'
EL 491.55
OFF 41.0'
PERM. ESM'T.
TEMP. ESM'T.
EXIST. R/W
PROP. STORM SEWER

128+50.00

TEMP. ESM'T.
EL 491.03
OFF -41.6'
EL 490.91
OFF -33.0'
PERM. ESM'T.
EXIST. R/W
1.00%
EL 490.80
OFF -28.0'
8.00%
EL 490.36
OFF -22.5'
EL 490.53
OFF -20.0'
1.50%
EL 490.83
OFF 0.0'
1.50%
WATER LINE
GAS LINE
PROP. STORM SEWER
COMMERCIAL ENT.
EL 490.53
OFF 20.0'
SAN. LINE
EL 490.36
OFF 22.5'
10.45%
ATT LINE
EL 490.93
OFF 28.0'
1.00%
EL 490.99
OFF 34.0'
9.05%
EL 491.72
OFF 42.0'
PERM. ESM'T.
TEMP. ESM'T.
EXIST. R/W
PROP. STORM SEWER

128+16.00

5'

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

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REV.

STATE OF MISSOURI
JOHN R. LANDECK
NUMBER PE-2013032918
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY

DATE PREPARED
3/30/2021

ROUTE	STATE
100	MO
DISTRICT	SHEET NO.
SL	123

COUNTY
ST. LOUIS

JOB NO.
J6S1718, B, & C

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
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CROSS SECTIONS
ROUTE 100
SHEET 123 OF 473

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY

JOHN R. LANDECK
NUMBER PE-2013032918
STATE OF MISSOURI
PROFESSIONAL ENGINEER

DATE PREPARED
3/30/2021

ROUTE	STATE
100	MO

DISTRICT	SHEET NO.
SL	124

COUNTY
ST. LOUIS

JOB NO.
J6S1718, B, & C

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

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CROSS SECTIONS

ROUTE 100

SHEET 124 OF 473

REV.

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STATE OF MISSOURI
JOHN R. LANDECK
NUMBER PE-2013032918
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ROUTE	STATE
100	MO
DISTRICT	SHEET NO.
SL	125

COUNTY
ST. LOUIS

JOB NO.
J6S1718, B, & C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

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

REV.	DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
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CROSS SECTIONS
ROUTE 100
SHEET 125 OF 473

P:\2016\160347\4 CADD - DWG\4.7 Tran\03_Preliminary Design\Sheets\XSections\037-127_XS_02_J6S1718.dgn 4:47:49 PM 3/30/2021

STATE OF MISSOURI
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NUMBER PE-2013032918
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY

DATE PREPARED
3/30/2021

ROUTE	STATE
100	MO
DISTRICT	SHEET NO.
SL	126

COUNTY
ST. LOUIS

JOB NO.
J6S1718, B, & C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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CROSS SECTIONS
ROUTE 100
SHEET 126 OF 473

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

REV.

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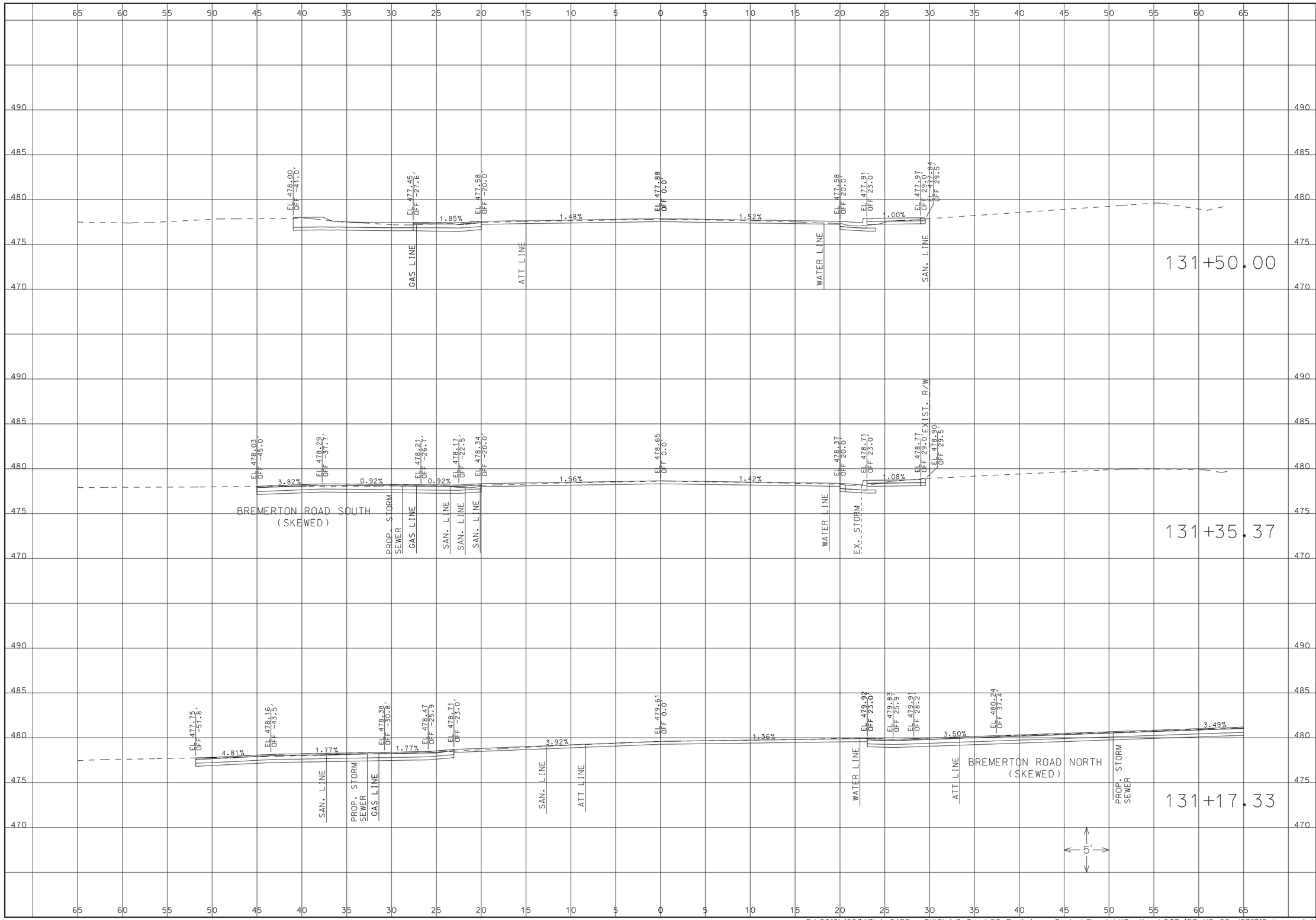

STATE OF MISSOURI
JOHN R. LANDECK
NUMBER PE-2013032918
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY

DATE PREPARED
3/30/2021

ROUTE	STATE
100	MO
DISTRICT	SHEET NO.
SL	127

COUNTY
ST. LOUIS

JOB NO.
J6S1718, B, & C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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CROSS SECTIONS
ROUTE 100
SHEET 127 OF 473

REV.

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132+00.00

TEMP. ESM'T.
EL 474.84 OFF -33.0'
PERM. ESM'T.
EL 474.82 OFF -29.5'
EXIST. R/W
EL 474.75 OFF -22.5'
EL 474.92 OFF -20.0'
EL 475.22 OFF 0.0'
EL 474.92 OFF 20.0'
EL 474.75 OFF 22.5'
EXIST. R/W
EL 474.82 OFF 29.5'
EL 475.22 OFF 40.0'
TEMP. ESM'T.
0.40%
1.00%
1.50%
1.50%
1.00%
3.84%
PROP. STORM SEWER
GAS LINE
WATER LINE
EX. STORM
SAN. LINE

131+96.50

TEMP. ESM'T.
EL 475.07 OFF -33.0'
PERM. ESM'T.
EL 475.01 OFF -29.5'
EXIST. R/W
EL 474.94 OFF -22.5'
EL 475.10 OFF -20.0'
EL 475.40 OFF 0.0'
EL 475.10 OFF 20.0'
EL 474.94 OFF 22.5'
EXIST. R/W
EL 475.01 OFF 29.5'
EL 475.38 OFF 40.0'
TEMP. ESM'T.
1.85%
1.00%
1.50%
1.50%
1.00%
3.51%
PROP. STORM SEWER
GAS LINE
WATER LINE
EX. STORM
SAN. LINE
COMMERCIAL ENT.
51'

490
485
480
475
470
465

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

STATE OF MISSOURI
JOHN R. LANDECK
NUMBER PE-2013032918
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY

DATE PREPARED
3/30/2021

ROUTE	STATE
100	MO
DISTRICT	SHEET NO.
SL	128

COUNTY
ST. LOUIS

JOB NO.
J6S1718, B, & C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

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

REV.	DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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CROSS SECTIONS
ROUTE 100
SHEET 128 OF 473

P:\2016\160347\4 CADD - DWG\4.7 Tran\03_Preliminary Design\Sheets\XSections\128-215_XS_03_J6S1718.dgn 4:52:45 PM 3/30/2021

JOHN R. LANDECK
NUMBER PE-2013032918
STATE OF MISSOURI
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY

DATE PREPARED
3/30/2021

ROUTE	STATE
100	MO
DISTRICT	SHEET NO.
SL	129

COUNTY
ST. LOUIS

JOB NO.
J6S1718, B, & C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

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

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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CROSS SECTIONS
ROUTE 100
SHEET 129 OF 473

REV.

P:\2016\160347\4 CADD - DWG\4.7 Tran\03_Preliminary Design\Sheets\XSections\128-215_XS_03_J6S1718.dgn 4:52:46 PM 3/30/2021

133+50.00

TEMP. ESM'T.
EL 466.59 OFF -33.0'
PERM. ESM'T.
EL 466.89 OFF -29.5'
EXIST. R/W
7.28%
1.00%
EL 466.78 OFF -22.5'
EL 466.95 OFF -20.0'
1.50%
EL 467.25 OFF 0.0'
1.50%
EL 466.95 OFF 20.0'
EL 466.78 OFF 22.5'
0.37%
EL 466.79 OFF 26.5'
EL 466.82 OFF 29.0'
EXIST. R/W
PERM. ESM'T.
EL 466.97 OFF 35.0'
TEMP. ESM'T.
GAS LINE
PROP. STORM SEWER
WATER LINE
EX. STORM
SAN. LINE

133+20.00

TEMP. ESM'T.
EL 468.01 OFF -33.0'
PERM. ESM'T
EL 468.44 OFF -29.5'
EXIST. R/W
12.46%
1.00%
EL 468.37 OFF -22.5'
EL 468.54 OFF -20.0'
1.50%
EL 468.84 OFF 0.0'
1.50%
EL 468.54 OFF 20.0'
EL 468.37 OFF 22.5'
1.00%
EL 468.44 OFF 29.5'
EXIST. R/W
3.72%
PERM. ESM'T.
EL 468.65 OFF 35.0'
TEMP. ESM'T.
GAS LINE
PROP. STORM SEWER
WATER LINE
EX. STORM
SAN. LINE
COMMERCIAL ENT.

133+00.00

TEMP. ESM'T.
PERM. ESM'T.
EL 469.54 OFF -31.5'
EXIST. R/W
EL 469.52 OFF -29.0'
1.00%
EL 469.46 OFF -23.1'
EL 469.60 OFF -20.0'
1.50%
EL 469.90 OFF 0.0'
1.50%
EL 469.60 OFF 20.0'
EL 469.44 OFF 22.5'
1.00%
EL 469.51 OFF 29.5'
EXIST. R/W
8.25%
PERM. ESM'T.
EL 469.96 OFF 35.0'
TEMP. ESM'T.
GAS LINE
PROP. STORM SEWER
WATER LINE
EX. STORM
SAN. LINE
5'

480 475 470 465 460 485

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

STATE OF MISSOURI
JOHN R. LANDECK
NUMBER PE-2013032918
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY

DATE PREPARED
3/30/2021

ROUTE	STATE
100	MO
DISTRICT	SHEET NO.
SL	130

COUNTY
ST. LOUIS

JOB NO.
J6S1718, B, & C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

REV.	DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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CROSS SECTIONS
ROUTE 100
SHEET 130 OF 473

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

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STATE OF MISSOURI
JOHN R. LANDECK
NUMBER PE-2013032918
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY

DATE PREPARED
3/30/2021

ROUTE	STATE
100	MO
DISTRICT	SHEET NO.
SL	131

COUNTY
ST. LOUIS

JOB NO.
J6S1718, B, & C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

REV.	DESCRIPTION	DATE

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

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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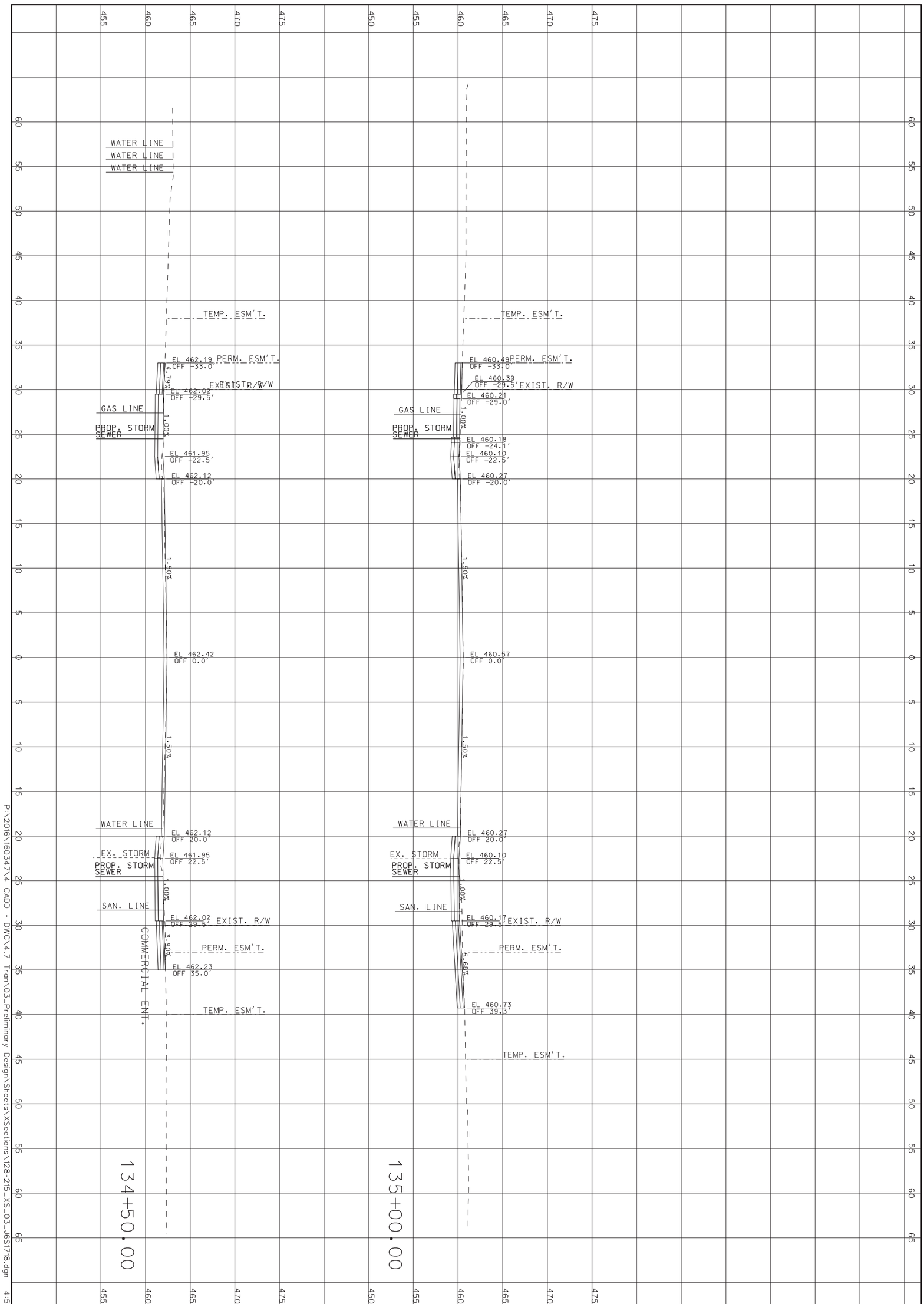
CROSS SECTIONS
ROUTE 100
SHEET 131 OF 473



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CROSS SECTIONS

ROUTE 100

SHEET 132 OF 473

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DATE	DESCRIPTION

BRIDGE NO.

PROJECT NO.

CONTRACT ID. J6S1718, B, & C

JOB NO.

COUNTY ST. LOUIS

DISTRICT SL | SHEET NO. 132

ROUTE 100 | STATE MO

DATE PREPARED 3/30/2021

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY

PROFESSIONAL ENGINEER
JOHN R. LANDECK
NUMBER PE-2013030918
STATE OF MISSOURI

REV.

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

STATE OF MISSOURI
JOHN R. LANDECK
NUMBER PE-2013032918
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY

DATE PREPARED
3/30/2021

ROUTE	STATE
100	MO

DISTRICT	SHEET NO.
SL	133

COUNTY
ST. LOUIS

JOB NO.
J6S1718, B, & C

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

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CROSS SECTIONS
ROUTE 100
SHEET 133 OF 473

REV.

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135+95.50

TEMP. ESM'T.
EL 458.16 OFF -33.0'
PERM. ESM'T
EXIST. R/W
EL 457.86 OFF -29.5'
EL 457.79 OFF -22.5'
EL 457.95 OFF -20.0'
EL 458.25 OFF 0.0'
EL 457.95 OFF 20.0'
EL 457.79 OFF 22.5'
EL 457.86 OFF 29.5'
PERM. ESM'T.
EL 458.46 OFF 35.0'
TEMP. ESM'T.
8.63%
1.00%
1.50%
1.50%
1.00%
10.80%
GAS LINE
PROP. STORM SEWER
WATER LINE
EX. STORM
PROP. STORM SEWER
SAN. LINE
CHARTER LINE
COMMERCIAL ENT.

135+92.00

TEMP. ESM'T.
EL 458.24 OFF -33.0'
PERM. ESM'T
EXIST. R/W
EL 457.91 OFF -29.5'
EL 457.84 OFF -22.5'
EL 458.01 OFF -20.0'
EL 458.31 OFF 0.0'
EL 458.01 OFF 20.0'
EL 457.84 OFF 22.5'
EXIST. R/W
EL 457.91 OFF 29.5'
PERM. ESM'T.
EL 458.31 OFF 35.0'
TEMP. ESM'T.
9.43%
1.00%
1.50%
1.50%
1.00%
7.79%
COMMERCIAL ENT.
GAS LINE
PROP. STORM SEWER
WATER LINE
EX. STORM
PROP. STORM SEWER
SAN. LINE
CHARTER LINE

135+50.00

TEMP. ESM'T.
EL 459.32 OFF -33.0'
PERM. ESM'T.
EXIST. R/W
EL 459.26 OFF -29.0'
EL 459.20 OFF -23.0'
EL 458.86 OFF -20.0'
EL 459.16 OFF 0.0'
EL 458.86 OFF 20.0'
EL 459.20 OFF 22.5'
EL 459.26 OFF 29.0'
EXIST. R/W
EL 459.54 OFF 29.5'
PERM. ESM'T.
EL 460.21 OFF 39.5'
TEMP. ESM'T.
6.75%
1.00%
1.50%
1.50%
1.00%
GAS LINE
PROP. STORM SEWER
WATER LINE
EX. STORM
SAN. LINE
CHARTER LINE
5'

STATE OF MISSOURI
JOHN R. LANDECK
NUMBER PE-2013032918
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY

DATE PREPARED
3/30/2021

ROUTE	STATE
100	MO
DISTRICT	SHEET NO.
SL	134

COUNTY
ST. LOUIS

JOB NO.
J6S1718, B, & C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

REV.	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)

TWM ENGINEERING GEOSPATIAL SERVICES
720 OLIVE STREET, SUITE 200A
ST. LOUIS, MO 63101
(314) 241-6300
www.twm-inc.com
MISSOURI CERT. OF AUTHORITY: 001538

CROSS SECTIONS
ROUTE 100
SHEET 134 OF 473

P:\2016\160347\4 CADD - DWG\4.7 Tran\03_Preliminary Design\Sheets\XSections\128-215_XS_03_J6S1718.dgn 4:52:52 PM 3/30/2021

136+58.50

136+50.00

136+00.00

COMMERCIAL ENT.

TEMP. ESM'T.

PERM. ESM'T.

EXIST. R/W

GAS LINE

PROP. STORM SEWER

EX. STORM

WATER LINE

SAN. LINE

CHARTER LINE

50'

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

STATE OF MISSOURI
JOHN R. LANDECK
NUMBER PE-2013032918
PROFESSIONAL ENGINEER

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DATE PREPARED
3/30/2021

ROUTE	STATE
100	MO
DISTRICT	SHEET NO.
SL	135

COUNTY
ST. LOUIS

JOB NO.
J6S1718, B, & C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

REV.	DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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CROSS SECTIONS
ROUTE 100
SHEET 135 OF 473

P:\2016\160347\4 CADD - DWG\4.7 Tran\03_Preliminary Design\Sheets\XSections\128-215_XS_03_J6S1718.dgn 4:52:54 PM 3/30/2021

STATE OF MISSOURI
JOHN R. LANDECK
NUMBER PE-2013032918
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY

DATE PREPARED
3/30/2021

ROUTE	STATE
100	MO
DISTRICT	SHEET NO.
SL	136

COUNTY
ST. LOUIS

JOB NO.
J6S1718, B, & C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

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

REV.	DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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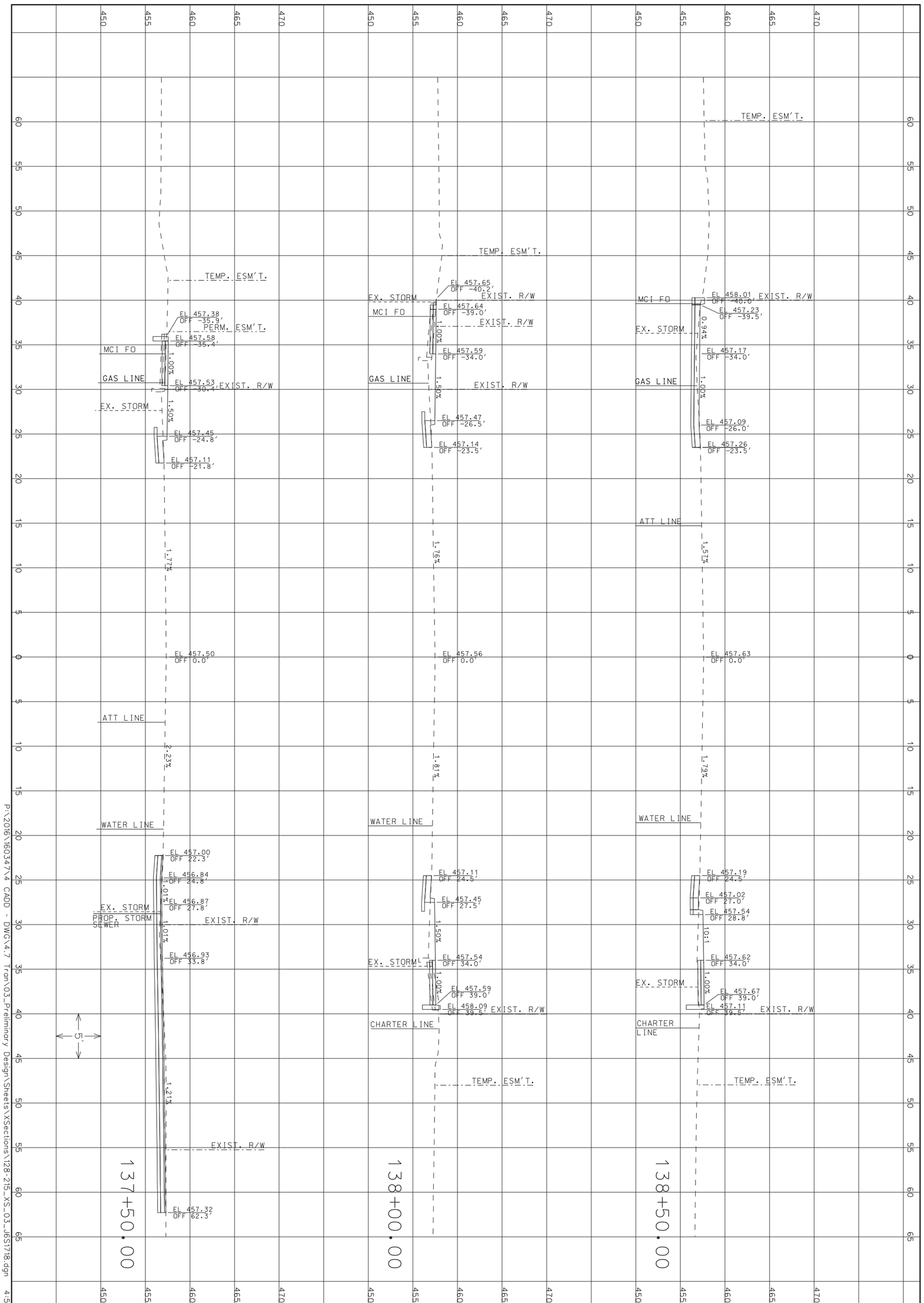
CROSS SECTIONS
ROUTE 100
SHEET 136 OF 473

P:\2016\160347\4 CADD - DWG\4.7 Tran\03_Preliminary Design\Sheets\XSections\128-215_XS_03_J6S1718.dgn 4:52:55 PM 3/30/2021



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CROSS SECTIONS

ROUTE 100

SHEET 137 OF 473

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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

DATE	DESCRIPTION

BRIDGE NO.

PROJECT NO.

JOB NO. JS1718, B, & C

CONTRACT ID.

COUNTY ST. LOUIS

DISTRICT SL | SHEET NO. 137

ROUTE 100 | STATE MO

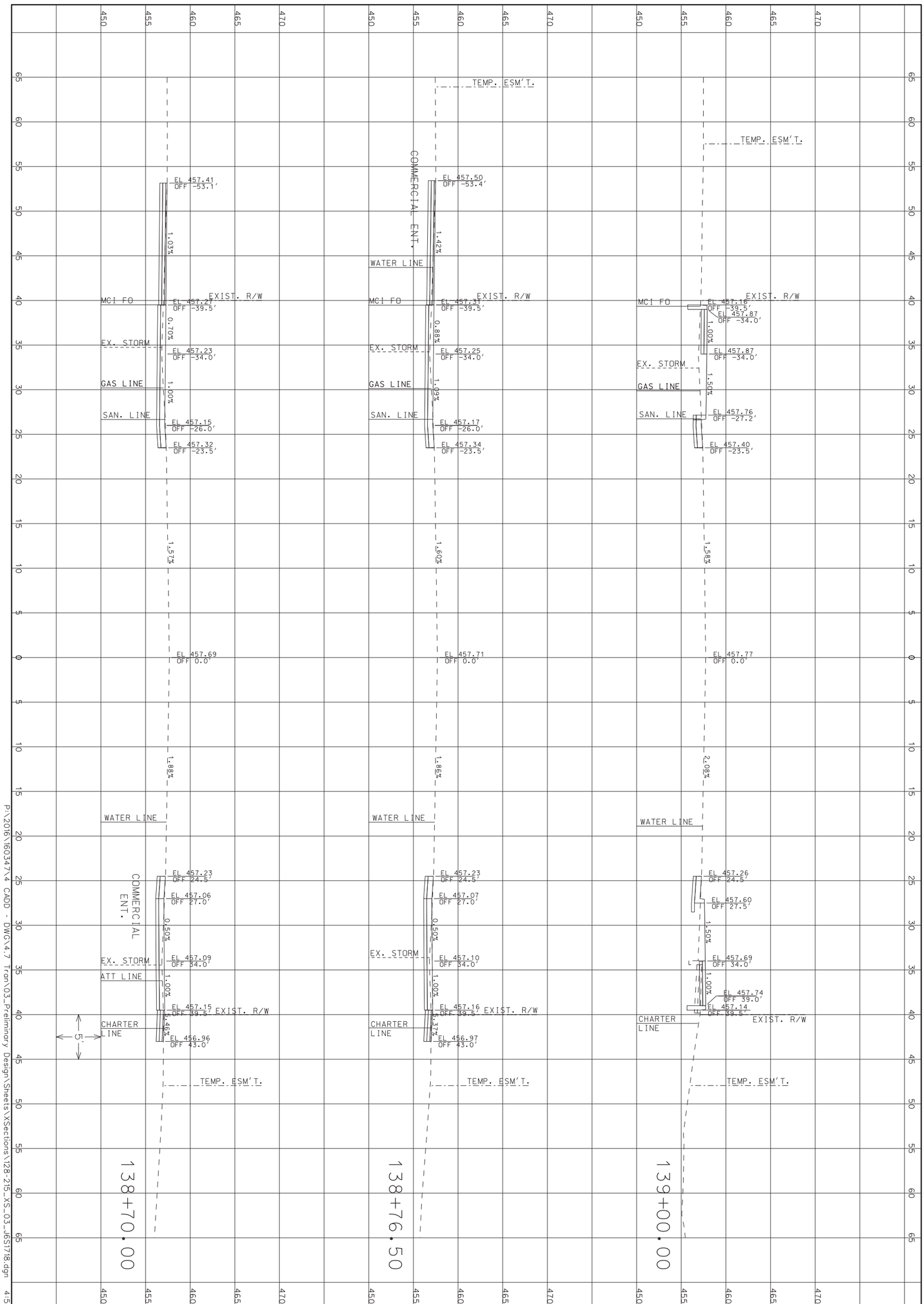
DATE PREPARED 3/30/2021

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY

PROFESSIONAL ENGINEER
JOHN R. LANDECK
NUMBER PE-2013030918
STATE OF MISSOURI

REV.

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



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CROSS SECTIONS

ROUTE 100

SHEET 138 OF 473

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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

MoDOT

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

DATE	DESCRIPTION

BRIDGE NO.

PROJECT NO.

CONTRACT ID. JS1718, B, & C

JOB NO. ST. LOUIS COUNTY

DISTRICT SL | SHEET NO. 138

ROUTE 100 | STATE MO

DATE PREPARED 3/30/2021

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY

JOHN R. LANDECK NUMBER PE-2013030318 PROFESSIONAL ENGINEER STATE OF MISSOURI

REV.

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

STATE OF MISSOURI
JOHN R. LANDECK
NUMBER PE-2013032918
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY

DATE PREPARED
3/30/2021

ROUTE	STATE
100	MO
DISTRICT	SHEET NO.
SL	139

COUNTY
ST. LOUIS

JOB NO.
J6S1718, B, & C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

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

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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CROSS SECTIONS
ROUTE 100
SHEET 139 OF 473

REV.

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

470 465 460 455 450

TEMP. ESM'T.

EXIST. R/W

EL 458.17, OFF -40.5
EL 458.21, OFF -39.0
EL 458.20, OFF -34.0
EL 458.18, OFF -28.5
EL 458.34, OFF -26.0
EL 458.51, OFF -23.5

0.30% 0.34% 1.37% 1.52%

COMMERCIAL ENT.

MCI FO

GAS LINE
SAN. LINE

EL 458.83
OFF 0.0

WATER LINE

EL 458.45, OFF 24.5
EL 458.30, OFF 26.7
EL 458.33, OFF 29.3
EL 458.29, OFF 33.5
EL 458.23, OFF 39.5
EL 458.22, OFF 41.0

1.00% 1.00% 1.00%

CHARTER LINE

TEMP. ESM'T.

EXIST. R/W

140+83.00

TEMP. ESM'T.

EXIST. R/W

EL 458.12, OFF -40.5
EL 458.15, OFF -39.0
EL 458.13, OFF -34.0
EL 458.11, OFF -28.5
EL 458.27, OFF -26.0
EL 458.44, OFF -23.5

0.31% 0.36% 1.36% 1.50%

MCI FO

GAS LINE
SAN. LINE

EL 458.75
OFF 0.0

WATER LINE

EL 458.38, OFF 24.5
EL 458.24, OFF 26.7
EL 458.26, OFF 29.3
EL 458.22, OFF 33.5
EL 458.16, OFF 39.5
EL 458.13, OFF 41.0

1.00% 1.00% 1.00%

CHARTER LINE

TEMP. ESM'T.

ROCK HILL INDUSTRIAL COURT
(SKEWED) 140+77.98

TEMP. ESM'T.

EXIST. R/W

EL 458.40, OFF -39.5
EL 458.60, OFF -39.0
EL 458.55, OFF -34.0
EL 458.44, OFF -26.5
EL 458.11, OFF -23.5

1.00% 1.50% 1.28% 1.27%

MCI FO

GAS LINE
SAN. LINE

EL 458.40
OFF 0.0

WATER LINE

EL 458.09, OFF 24.5
EL 457.93, OFF 26.8
EL 457.96, OFF 29.3
EL 457.92, OFF 33.5
EL 457.86, OFF 39.5
EL 457.81, OFF 41.0

1.00% 1.00%

CHARTER LINE

TEMP. ESM'T.

140+50.00

51'

STATE OF MISSOURI
JOHN R. LANDECK
NUMBER PE-2013032918
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY

DATE PREPARED
3/30/2021

ROUTE	STATE
100	MO
DISTRICT	SHEET NO.
SL	140

COUNTY
ST. LOUIS

JOB NO.
J6S1718, B, & C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

REV.	DATE	DESCRIPTION

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

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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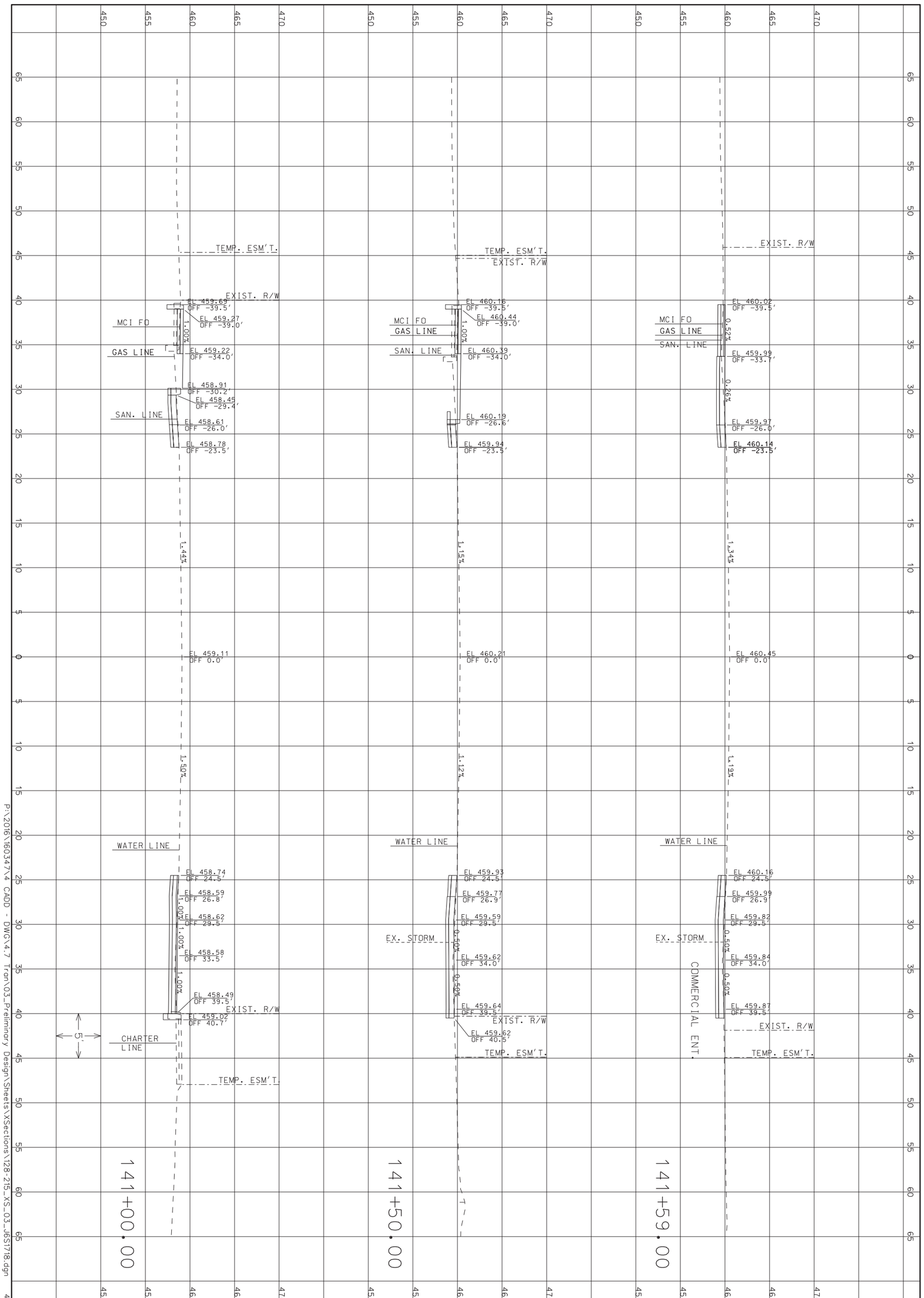
CROSS SECTIONS
ROUTE 100
SHEET 140 OF 473

P:\2016\160347\4 CADD - DWG\4.7 Tran\03_Preliminary Design\Sheets\XSections\128-215_XS_03_J6S1718.dgn 4:53:00 PM 3/30/2021



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CROSS SECTIONS

ROUTE 100

SHEET 141 OF 473

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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

MoDOT

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

DATE	DESCRIPTION

BRIDGE NO.

PROJECT NO.

CONTRACT ID. J6S1718, B, & C

JOB NO.

COUNTY ST. LOUIS

DISTRICT SL | SHEET NO. 141

ROUTE 100 | STATE MO

DATE PREPARED 3/30/2021

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY

PROFESSIONAL ENGINEER
JOHN R. LANDECK
NUMBER PE-2013030318
STATE OF MISSOURI

REV.

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

142+50.00

EXIST. R/W
SAN. LINE
MCI FO
GAS LINE
EL 462.25 OFF -33.0'
EL 462.18 OFF -26.0'
EL 461.68 OFF -26.0'
1.00%
1.66%
EL 462.51 OFF 0.0'
1.39%
WATER LINE
EL 462.10 OFF 27.0'
EL 462.60 OFF 27.0'
1.00%
EL 462.67 OFF 34.0'
EXIST. R/W

142+00.00

EXIST. R/W
SAN. LINE
MCI FO
GAS LINE
EL 461.17 OFF -38.7'
EL 461.44 OFF -33.0'
EL 461.38 OFF -26.5'
EL 461.05 OFF -23.5'
1.00%
2.11%
EL 461.55 OFF 0.0'
1.50%
WATER LINE
EL 461.18 OFF 24.5'
EL 461.51 OFF 27.5'
1.50%
EX. STORM
EL 461.61 OFF 34.0'
1.00%
EL 461.66 OFF 39.0'
EL 461.16 OFF 39.5'
EXIST. R/W

141+72.50

EXIST. R/W
SAN. LINE
MCI FO
GAS LINE
EL 460.01 OFF -44.0'
EL 460.30 OFF -39.5'
EL 460.28 OFF -34.0'
EL 460.26 OFF -26.0'
EL 460.43 OFF -23.5'
6.49%
0.30%
0.30%
1.73%
EL 460.83 OFF 0.0'
1.43%
WATER LINE
EL 460.48 OFF 24.5'
EL 460.31 OFF 26.9'
EL 460.14 OFF 29.5'
0.50%
EL 460.16 OFF 34.0'
0.41%
EL 460.19 OFF 38.5'
EXIST. R/W
TEMP. ESM'T.
COMMERCIAL ENT.
EX. STORM
5'

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

475 470 465 460 455 450

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STATE OF MISSOURI
JOHN R. LANDECK
NUMBER PE-2013032918
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY

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3/30/2021

ROUTE	STATE
100	MO
DISTRICT	SHEET NO.
SL	142

COUNTY
ST. LOUIS

JOB NO.
J6S1718, B, & C

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

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CROSS SECTIONS

ROUTE 100

SHEET 142 OF 473

REV.

EXIST. R/W

MCI FO

GAS LINE

EL 464.79
OFF -39.1'

EL 464.60
OFF -33.6'

EL 464.56
OFF -29.6'

EL 464.53
OFF -26.0'

3.64%

1.00%

1.00%

SAN. LINE

2.24%

EL 465.12
OFF 0.0'

SAN. LINE

1.88%

WATER LINE

EL 464.62
OFF 27.0'

3.66%

EL 464.94
OFF 36.0'

1.00%

EL 465.02
OFF 44.0'

7.35%

EL 465.31
OFF 48.0'

NORTH RARITAN DRIVE
(SKEWED)

143+93.25

EXIST. R/W

SAN. LINE

GAS LINE

EL 463.44
OFF -34.0'

EL 463.37
OFF -26.0'

EL 462.87
OFF -26.0'

1.00%

1.49%

EL 464.26
OFF 0.0'

1.39%

WATER LINE

EL 462.87
OFF 27.0'

EL 463.47
OFF 27.0'

EL 463.54
OFF 27.7'

1.00%

EXIST. R/W

143+50.00

GAS LINE

EL 463.47
OFF -34.0'

EL 463.40
OFF -26.0'

EL 462.90
OFF -26.0'

1.00%

1.45%

EL 463.30
OFF 0.0'

1.30%

WATER LINE

EL 462.92
OFF 27.0'

EL 463.42
OFF 27.0'

EL 463.49
OFF 27.7'

1.00%

EX. STORM

EXIST. R/W

143+00.00

5'

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

475 470 465 460 455

STATE OF MISSOURI
JOHN R. LANDECK
NUMBER PE-2013032918
PROFESSIONAL ENGINEER

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3/30/2021

ROUTE	STATE
100	MO
DISTRICT	SHEET NO.
SL	143

COUNTY
ST. LOUIS

JOB NO.
J6S1718, B, & C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

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REV.	DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

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CROSS SECTIONS
ROUTE 100
SHEET 143 OF 473

P:\2016\160347\4 CADD - DWG\4.7 Tran\03_Preliminary Design\Sheets\XSections\128-215_XS_03_J6S1718.dgn 4:53:03 PM 3/30/2021

144+50.00

EXIST. R/W
EL 466.25 OFF -39.4'
EL 466.39 OFF -33.4'
EL 466.39 OFF -26.5'
EL 466.06 OFF -23.5'
2.41%
0.00%
2.04%
EL 466.54 OFF 0.0'
2.17%
MCI FO
GAS LINE
EX. STORM
EX. STORM
SAN. LINE
WATER LINE
SAN. LINE
EL 466.01 OFF 24.5'
EL 466.34 OFF 21.5'
1.50%
EL 466.45 OFF 34.5'
1.00%
EL 466.50 OFF 39.5'
EL 466.30 OFF 41.4'
EXIST. R/W
TEMP. ESM'T.
GAS LINE
EX. STORM

144+16.00

EXIST. R/W
EL 463.38 OFF -37.0'
EL 465.77 OFF -33.0'
EL 465.10 OFF -26.0'
EL 465.27 OFF -23.5'
9.50%
1.00%
1.72%
EL 465.64 OFF 0.0'
2.06%
MCI FO
GAS LINE
COMMERCIAL ENT.
SAN. LINE
WATER LINE
SAN. LINE
EL 465.14 OFF 24.5'
EXIST. R/W
EL 464.66 OFF 19.8'
1.50%
EL 465.64 OFF 38.5'
1.00%
EL 465.69 OFF 43.5'
GAS LINE
EX. STORM
R/W LINE
TEMP. ESM'T.

144+00.00

EXIST. R/W
EL 464.43 OFF -37.0'
EL 464.66 OFF -33.0'
EL 464.59 OFF -26.0'
EL 464.76 OFF -23.5'
1.00%
2.16%
EL 465.27 OFF 0.0'
1.76%
EL 464.83 OFF 24.5'
EL 464.67 OFF 27.0'
5.00%
EL 465.12 OFF 36.0'
1.00%
EL 465.20 OFF 44.0'
5.65%
EL 465.42 OFF 48.0'
GAS LINE
MCI FO
GAS LINE
SAN. LINE
SAN. LINE
WATER LINE
SAN. LINE
SAN. LINE
EX. STORM
SAN. LINE
5'

480 475 470 465 460 455

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

STATE OF MISSOURI
JOHN R. LANDECK
NUMBER PE-2013032918
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY

DATE PREPARED
3/30/2021

ROUTE	STATE
100	MO
DISTRICT	SHEET NO.
SL	144

COUNTY
ST. LOUIS

JOB NO.
J6S1718, B, & C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

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

REV.	DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

MoDOT

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

TWM
ENGINEERING
GEOSPATIAL SERVICES
720 OLIVE STREET, SUITE 200A
ST. LOUIS, MO 63101
(314) 241-6300
www.twm-inc.com
MISSOURI CERT. OF AUTHORITY: 001538

CROSS SECTIONS
ROUTE 100
SHEET 144 OF 473

P:\2016\160347\4 CADD - DWG\4.7 Tran\03_Preliminary Design\Sheets\XSections\128-215_XS_03_J6S1718.dgn 4:53:04 PM 3/30/2021

145+87.00

145+50.00

145+00.00

TEMP. ESM'T.
EXIST. R/W
MCI FO
GAS LINE
EX. STORM
SAN. LINE
WATER LINE
COMMERCIAL ENT.

EL 471.50 OFF -38.9
EL 471.28 OFF -31.2
EL 471.28 OFF -26.2
EL 471.20 OFF -22.2
EL 471.54 OFF 0.0
EL 471.19 OFF 22.8
EL 471.02 OFF 25.3
EL 471.08 OFF 32.8
EL 472.09 OFF 43.5

2.81% 0.00% 1.50% 1.50% 0.80% 9.41%

EL 469.89 OFF -39.1
EL 469.84 OFF -32.5
EL 469.84 OFF -26.5
EL 469.51 OFF -23.5
EL 469.97 OFF 0.0
EL 469.53 OFF 24.5
EL 469.86 OFF 27.5
EL 469.97 OFF 34.5
EL 470.02 OFF 39.5
EL 471.48 OFF 43.9

0.66% 0.00% 1.95% 1.79% 1.50% 1.00% 3:1

EL 468.06 OFF -39.3
EL 467.99 OFF -33.3
EL 467.99 OFF -26.5
EL 467.66 OFF -23.5
EL 468.11 OFF 0.0
EL 467.79 OFF 24.5
EL 468.12 OFF 27.5
EL 468.22 OFF 34.5
EL 468.27 OFF 39.5

1.07% 0.00% 1.91% 1.31% 1.50% 1.00%

51'

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

STATE OF MISSOURI
JOHN R. LANDECK
NUMBER PE-2013032918
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY

DATE PREPARED
3/30/2021

ROUTE	STATE
100	MO
DISTRICT	SHEET NO.
SL	145

COUNTY
ST. LOUIS

JOB NO.
J6S1718, B, & C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

REV.	DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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CROSS SECTIONS
ROUTE 100
SHEET 145 OF 473

P:\2016\160347\4 CADD - DWG\4.7 Tran\03_Preliminary Design\Sheets\XSections\128-215_XS_03_J6S1718.dgn 4:53:06 PM 3/30/2021

146+50.00

146+36.27

146+00.00

SOUTH RARITAN DRIVE
(SKEWED)

EL 475.88 OFF -45.0'
EL 474.49 OFF -36.4'
EL 472.48 OFF -33.0'
EL 474.35 OFF -29.0'
EL 473.43 OFF -30.4'
EL 411.87 OFF -30.8'
EL 474.38 OFF -25.6'
EL 473.42 OFF -23.3'
EL 411.85 OFF -27.8'
EL 474.30 OFF -22.5'
EL 473.42 OFF -20.8'
EL 411.82 OFF -24.3'
EL 474.28 OFF -20.0'
EL 411.80 OFF -21.8'
EL 474.58 OFF 0.0'
EL 473.88 OFF 0.0'
EL 472.13 OFF 0.0'
EL 474.28 OFF 20.0'
EL 473.71 OFF 20.7'
EL 411.79 OFF 22.2'
EL 474.61 OFF 23.0'
EL 474.07 OFF 23.7'
EL 411.63 OFF 24.8'
EL 474.70 OFF 29.0'
EL 474.19 OFF 29.3'
EL 411.68 OFF 32.3'
EL 474.75 OFF 34.0'
EL 474.28 OFF 34.3'
EL 475.05 OFF 37.0'
EL 474.59 OFF 37.3'
EL 472.49 OFF 43.5'

1.50% 1.50% 1.50% 1.00%
4.07% 0.11% 2.18% 0.78% 2.21% 1.71% 0.63%
7.42% 1.50% 1.50% 0.79% 7.16%

MCI FO
GAS LINE
EX. STORM
SAN. LINE
WATER LINE
WATER LINE
WATER LINE
SAN. LINE
PROP. STORM SEWER
EXIST. R/W
PERM. ESM'T.
TEMP. ESM'T.
PERM. ESM'T.
EXIST. R/W
MCI FO
GAS LINE
EX. STORM
SAN. LINE
WATER LINE
SAN. LINE
EX. STORM
EXIST. R/W
5'

STATE OF MISSOURI
JOHN R. LANDECK
NUMBER PE-2013032918
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY

DATE PREPARED
3/30/2021

ROUTE	STATE
100	MO
DISTRICT	SHEET NO.
SL	146

COUNTY
ST. LOUIS

JOB NO.
J6S1718, B, & C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

REV.	DATE	DESCRIPTION

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

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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CROSS SECTIONS
ROUTE 100
SHEET 146 OF 473

P:\2016\160347\4 CADD - DWG\4.7 Tran\03_Preliminary Design\Sheets\XSections\128-215_XS_03_J6S1718.dgn 4:53:07 PM 3/30/2021

JOHN R. LANDECK
NUMBER PE-2013032918
STATE OF MISSOURI
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY

DATE PREPARED
3/30/2021

ROUTE	STATE
100	MO
DISTRICT	SHEET NO.
SL	147

COUNTY
ST. LOUIS

JOB NO.
J6S1718, B, & C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

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

REV.	DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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CROSS SECTIONS
ROUTE 100
SHEET 147 OF 473

P:\2016\160347\4 CADD - DWG\4.7 Tran\03_Preliminary Design\Sheets\XSections\128-215_XS_03_J6S1718.dgn 4:53:08 PM 3/30/2021

STATE OF MISSOURI
JOHN R. LANDECK
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DATE PREPARED
3/30/2021

ROUTE	STATE
100	MO

DISTRICT	SHEET NO.
SL	148

COUNTY
ST. LOUIS

JOB NO.
J6S1718, B, & C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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CROSS SECTIONS

ROUTE 100

SHEET 148 OF 473

REV.

P:\2016\160347\4 CADD - DWG\4.7 Tran\03_Preliminary Design\Sheets\XSections\128-215_XS_03_J6S1718.dgn 4:53:09 PM 3/30/2021

148+62.73

DUNKIRK DRIVE
(SKEWED)

EL 485.36
OFF 40.4'
5.60%
EL 485.08
OFF -35.5'
0.98%
EL 485.02
OFF -29.5'
5.98%
EX. STORM
MCI FO
GAS LINE
EL 484.62
OFF -22.5'
SAN. LINE
EL 484.78
OFF -20.0'
1.52%
EL 485.09
OFF 0.0'
1.48%
WATER LINE
EL 484.79
OFF 20.0'
SAN. LINE
EL 484.62
OFF 22.5'
10.00%
EL 485.27
OFF 29.0'
EXIST. R/W
1.02%
EL 485.33
OFF 34.5'
PERM. ESM'T.
1.12%
EL 485.66
OFF 37.5'
TEMP. ESM'T.

148+50.00

EL 485.12
OFF 40.4'
13.28%
EL 484.48
OFF -35.5'
1.00%
EL 484.42
OFF -29.5'
6.00%
EL 484.00
OFF -22.5'
EL 484.16
OFF -20.0'
PROP. STORM SEWER
EX. STORM
MCI FO
GAS LINE
SAN. LINE
1.50%
EL 484.46
OFF 0.0'
1.50%
WATER LINE
WATER LINE
WATER LINE
EL 484.16
OFF 20.0'
SAN. LINE
EL 484.00
OFF 22.5'
EL 484.35
OFF 25.3'
1.50%
EL 484.59
OFF 29.0'
EXIST. R/W
1.00%
EL 484.64
OFF 34.0'
PROP. STORM SEWER
EL 485.10
OFF 35.0'
PERM. ESM'T.
EL 485.55
OFF 39.9'
TEMP. ESM'T.

148+00.00

TEMP. ESM'T.
EL 484.01
OFF -45.0'
15.38%
EL 481.62
OFF -29.5'
EXIST. R/W
1.00%
EL 481.55
OFF -22.5'
EL 481.72
OFF -20.0'
EX. STORM
GAS LINE
SAN. LINE
1.50%
EL 482.02
OFF 0.0'
1.50%
WATER LINE
EL 481.72
OFF 20.0'
SAN. LINE
EL 482.05
OFF 23.0'
1.50%
EL 482.14
OFF 29.0'
EXIST. R/W
1.00%
EL 482.19
OFF 34.0'
PROP. STORM SEWER
EL 482.42
OFF 36.2'
PERM. ESM'T.
TEMP. ESM'T.
5'

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

500 495 490 485 480 475

STATE OF MISSOURI
JOHN R. LANDECK
NUMBER PE-2013032918
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY

DATE PREPARED
3/30/2021

ROUTE	STATE
100	MO
DISTRICT	SHEET NO.
SL	149

COUNTY
ST. LOUIS

JOB NO.
J6S1718, B, & C

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
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CROSS SECTIONS
ROUTE 100
SHEET 149 OF 473

REV.

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149+47.00

TEMP. ESM'T.
EL 490.32 OFF -40.0'
14.49%
EXIST. R/W
EL 488.61 OFF -29.5'
1.00%
SAN. LINE
SAN. LINE
SAN. LINE
EX. STORM
MCI FO
GAS LINE
EL 488.74 OFF -22.5'
SAN. LINE
EL 488.90 OFF -20.0'
1.50%
EL 489.20 OFF 0.0'
1.50%
WATER LINE
EL 488.90 OFF 20.0'
SAN. LINE
EL 488.74 OFF 22.5'
7.50%
EL 488.94 OFF 25.1'
1.00%
EXIST. R/W
EL 488.96 OFF 30.1'
5.92%
EL 489.30 OFF 35.5'
PERM. ESM'T.
TEMP. ESM'T.
COMMERCIAL ENT.

149+00.00

TEMP. ESM'T.
EL 487.91 OFF -40.0'
PERM. ESM'T.
EXIST. R/W
EL 487.00 OFF -29.0'
1.00%
EL 486.94 OFF -23.0'
EL 486.61 OFF -20.0'
1.50%
EL 486.91 OFF 0.0'
1.50%
EX. STORM
MCI FO
GAS LINE
SAN. LINE
WATER LINE
EL 486.61 OFF 20.0'
SAN. LINE
EL 486.94 OFF 23.0'
1.50%
PROP. STORM SEWER
EL 487.03 OFF 29.0'
EXIST. R/W
1.00%
EL 487.08 OFF 34.0'
EL 487.32 OFF 34.5'
EL 487.26 OFF 37.5'
PERM. ESM'T.
TEMP. ESM'T.

148+66.00

EL 485.49 OFF -39.9'
4.70%
EL 485.26 OFF -35.5'
1.00%
EL 485.20 OFF -29.5'
6.00%
EL 484.78 OFF -22.5'
EL 484.93 OFF -20.0'
1.50%
EL 485.25 OFF 0.0'
1.50%
EX. STORM
MCI FO
GAS LINE
SAN. LINE
WATER LINE
EL 484.93 OFF 20.0'
SAN. LINE
EL 484.78 OFF 22.5'
10.26%
EL 485.43 OFF 29.0'
EXIST. R/W
PROP. STORM SEWER
1.00%
EL 485.48 OFF 34.5'
EL 485.76 OFF 37.5'
PERM. ESM'T.
TEMP. ESM'T.
COMMERCIAL ENT.
5'

STATE OF MISSOURI
JOHN R. LANDECK
NUMBER PE-2013032918
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY

DATE PREPARED
3/30/2021

ROUTE	STATE
100	MO
DISTRICT	SHEET NO.
SL	150

COUNTY
ST. LOUIS

JOB NO.
J6S1718, B, & C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

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

REV.	DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

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MISSOURI CERT. OF AUTHORITY: 001528

CROSS SECTIONS
ROUTE 100
SHEET 150 OF 473

P:\2016\160347\4 CADD - DWG\4.7 Tran\03_Preliminary Design\Sheets\XSections\128-215_XS_03_J6S1718.dgn 4:53:12 PM 3/30/2021

150+00.00

TEMP. ESM'T.
EL 491.78 OFF -40.1'
1.46%
EXIST. R/W
EL 491.62 OFF -29.5'
1.37%
EL 491.52 OFF -22.5'
EL 491.68 OFF -20.0'
1.50%
EL 491.98 OFF 0.0'
1.50%
EL 491.68 OFF 20.0'
EXIST. R/W
SAN. LINE
EX. STORM
MCI FO
GAS LINE
SAN. LINE
WATER LINE
SAN. LINE
ATT LINE

149+69.34

TEMP. ESM'T.
EL 491.02 OFF -40.6'
10.45%
EXIST. R/W
EL 489.33 OFF -29.3'
7.06%
EL 489.86 OFF -22.5'
EL 490.02 OFF -20.0'
1.50%
EL 490.32 OFF 0.0'
1.50%
EL 490.02 OFF 20.0'
EL 490.36 OFF 23.1'
EL 490.39 OFF 25.2'
1.00%
EXIST. R/W
EL 490.44 OFF 30.1'
2.51%
EL 490.74 OFF 30.6'
EL 490.61 OFF 35.5'
PERM. ESM'T.
TEMP. ESM'T.
COMMERCIAL ENT.
SAN. LINE
EX. STORM
MCI FO
GAS LINE
SAN. LINE
WATER LINE
SAN. LINE

149+50.00

TEMP. ESM'T.
EL 490.42 OFF -40.0'
13.89%
EXIST. R/W
EL 488.95 OFF -29.5'
17.00%
EL 488.88 OFF -22.5'
EL 489.05 OFF -20.0'
1.50%
EL 489.35 OFF 0.0'
1.50%
EL 489.05 OFF 20.0'
EL 488.88 OFF 22.5'
EL 489.08 OFF 25.1'
7.50%
1.00%
EXIST. R/W
EL 489.13 OFF 30.1'
6.17%
EL 489.46 OFF 35.5'
PERM. ESM'T.
TEMP. ESM'T.
SAN. LINE
EX. STORM
MCI FO
GAS LINE
SAN. LINE
WATER LINE
SAN. LINE
5'

STATE OF MISSOURI
JOHN R. LANDECK
NUMBER PE-2013032918
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY

DATE PREPARED
3/30/2021

ROUTE	STATE
100	MO
DISTRICT	SHEET NO.
SL	151

COUNTY
ST. LOUIS

JOB NO.
J6S1718, B, & C

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

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

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MISSOURI CERT. OF AUTHORITY: 001538

CROSS SECTIONS
ROUTE 100
SHEET 151 OF 473

REV.

P:\2016\160347\4 CADD - DWG\4.7 Tran\03_Preliminary Design\Sheets\XSections\128-215_XS_03_J6S1718.dgn 4:53:13 PM 3/30/2021

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

510 505 500 495 490 485

TEMP. ESM'T.

EL 497.59
OFF -45.8'

EL 495.93
OFF -33.3'

PERM. ESM'T.

EXIST. R/W

EL 495.84
OFF -28.3'

EL 496.00
OFF -25.8'

-15.63%

-1.34%

1.50%

EL 496.38
OFF 0.0'

1.50%

EL 496.06
OFF 21.4'

EXIST. R/W

COMMERCIAL ENT.

SAN. LINE

EX. STORM
GAS LINE

SAN. LINE

WATER LINE

SAN. LINE

ATT LINE

150+82.21

TEMP. ESM'T.

EL 496.41
OFF -43.6'

EL 494.28
OFF -33.0'

PERM. ESM'T.

EXIST. R/W

EL 494.18
OFF -26.0'

EL 494.34
OFF -23.5'

-20.41%

-1.37%

1.50%

EL 494.69
OFF 0.0'

1.50%

EL 494.39
OFF 20.0'

EXIST. R/W

SAN. LINE

EX. STORM
MCI FO
GAS LINE

SAN. LINE

WATER LINE

SAN. LINE

ATT LINE

150+50.00

TEMP. ESM'T.

EL 496.14
OFF -42.7'

EL 493.59
OFF -32.1'

PERM. ESM'T.

EXIST.
R/W

EL 493.56
OFF -30.1'

EL 493.48
OFF -25.1'

EL 493.65
OFF -22.6'

-25.00%

-1.00%

1.50%

EL 493.99
OFF 0.0'

1.50%

EL 493.69
OFF 20.0'

EXIST. R/W

SAN. LINE

EX. STORM
MCI FO
GAS LINE

SAN. LINE

WATER LINE

SAN. LINE

ATT LINE

EXIST.
COMMERCIAL ENT.

150+37.00

5'

STATE OF MISSOURI
JOHN R. LANDECK
NUMBER PE-2013032918
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY

DATE PREPARED
3/30/2021

ROUTE	STATE
100	MO
DISTRICT	SHEET NO.
SL	152

COUNTY
ST. LOUIS

JOB NO.
J6S1718, B, & C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

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

REV.	DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

MoDOT

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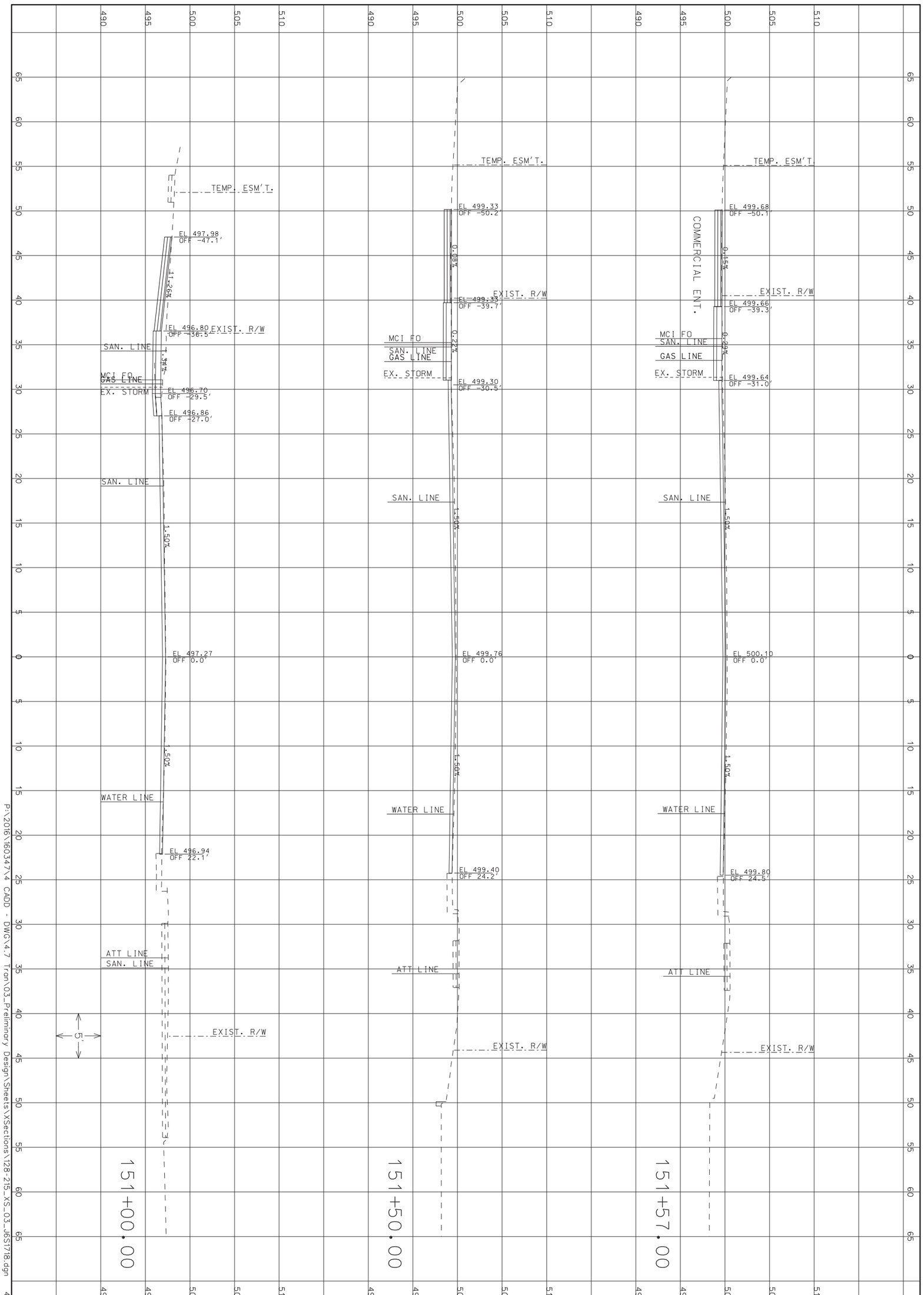
CROSS SECTIONS
ROUTE 100
SHEET 152 OF 473

P:\2016\160347\4 CADD - DWG\4.7 Tran\03_Preliminary Design\Sheets\XSections\128-215_XS_03_J6S1718.dgn 4:53:14 PM 3/30/2021



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CROSS SECTIONS

ROUTE 100

SHEET 153 OF 473

TWM
ENGINEERING
GEOSPATIAL SERVICES
720 OLIVE STREET, SUITE 200A
ST. LOUIS, MO 63101
(314) 241-6300
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MISSOURI CERT. OF AUTHORITY: 001528

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

MoDOT

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

DATE	DESCRIPTION

BRIDGE NO.

PROJECT NO.

J6S1718, B, & C
CONTRACT ID.

JOB NO.

ST. LOUIS
COUNTY

DISTRICT	SHEET NO.
SL	153

ROUTE	STATE
100	MO

DATE PREPARED
3/30/2021

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY

PROFESSIONAL ENGINEER
JOHN R. LANDECK
NUMBER PE-2013030918
STATE OF MISSOURI

REV.

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

153+00.00

152+50.00

152+00.00

STATE OF MISSOURI
JOHN R. LANDECK
NUMBER PE-2013032918
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY

DATE PREPARED
3/30/2021

ROUTE	STATE
100	MO
DISTRICT	SHEET NO.
SL	154

COUNTY
ST. LOUIS

JOB NO.
J6S1718, B, & C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

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

REV.	DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

TWM ENGINEERING GEOSPATIAL SERVICES
720 OLIVE STREET, SUITE 200A
ST. LOUIS, MO 63101
(314) 241-6300
www.twm-inc.com
MISSOURI CERT. OF AUTHORITY: 001538

CROSS SECTIONS
ROUTE 100
SHEET 154 OF 473

P:\2016\160347\4 CADD - DWG\4.7 Tran\03_Preliminary Design\Sheets\XSections\128-215_XS_03_J6S1718.dgn 4:53:17 PM 3/30/2021

154+05.08

EL 510.51
OFF -48.1'
EL 510.18
OFF -39.6'
EL 510.29
OFF -35.7'
EL 509.99
OFF -2.5'
EL 509.94
OFF 0.0'
EL 509.28
OFF 29.8'
EL 509.13
OFF 40.7'
EL 508.95
OFF 48.8'
EXIST. GRADE
0.89%
2.23%
GAS LINE
MCI FO
TELE. LINE
MODOT ITS
SAN. LINE
WATER LINE
ATT LINE
SOUTH MCKNIGHT ROAD
(SKEWED)

154+00.00

EL 510.67
OFF -61.9'
EL 510.14
OFF -60.6'
EL 509.91
OFF -32.3'
EL 509.88
OFF -2.6'
EL 509.84
OFF 0.0'
EL 509.42
OFF 27.7'
0.82%
0.12%
1.50%
1.73%
GAS LINE
MCI FO
TELE. LINE
MODOT ITS
SAN. LINE
WATER LINE
ATT LINE

153+50.00

EXIST. R/W
TEMP. ESM'T.
EL 508.81
OFF -38.2'
EL 508.67
OFF -37.5'
EL 508.51
OFF -33.5'
EL 508.26
OFF -31.0'
EL 508.27
OFF -30.0'
EL 508.65
OFF -5.2'
EL 508.56
OFF 0.0'
EL 508.33
OFF 25.5'
EL 508.18
OFF 45.6'
1.00%
1.50%
1.04%
1.04%
1.22%
MCI FO
GAS LINE
EX. STORM
SAN. LINE
ATT LINE
WATER LINE
ATT LINE
5'

P:\2016\160347\4 CADD - DWG\4.7 Tran\03_Preliminary Design\Sheets\XSections\128-215_XS_03_J6S1718.dgn 4:53:18 PM 3/30/2021

STATE OF MISSOURI
JOHN R. LANDECK
NUMBER PE-2013032918
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY

DATE PREPARED
3/30/2021

ROUTE	STATE
100	MO
DISTRICT	SHEET NO.
SL	155

COUNTY
ST. LOUIS

JOB NO.
J6S1718, B, & C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

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

REV.	DESCRIPTION	DATE
.	.	.

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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MISSOURI CERT. OF AUTHORITY: 001528

CROSS SECTIONS
ROUTE 100
SHEET 155 OF 473

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

STATE OF MISSOURI
JOHN R. LANDECK
NUMBER PE-2013032918
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY

DATE PREPARED
3/30/2021

ROUTE	STATE
100	MO
DISTRICT	SHEET NO.
SL	156

COUNTY
ST. LOUIS

JOB NO.
J6S1718, B, & C

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)

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CROSS SECTIONS
ROUTE 100
SHEET 156 OF 473

REV.

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156+50.00

156+00.00

155+50.00

PERM. ESM'T.
EXIST. R/W
ATT LINE
MODOT ITS
EX. STORM
GAS LINE
MCI FO
SAN. LINE
SAN. LINE
WATER LINE
EL 514.18 OFF -36.5'
EL 514.82 OFF -1.0'
EL 514.83 OFF 0.0'
EL 514.77 OFF 4.0'
EL 514.75 OFF 5.3'
EL 514.50 OFF 22.3'
1.80%
1.50%
EL 512.97 OFF -36.5'
EL 513.57 OFF -1.0'
EL 513.59 OFF 0.0'
EL 513.59 OFF 0.0'
EL 513.53 OFF 4.0'
EL 513.51 OFF 0.0'
EL 513.22 OFF 24.5'
1.71%
1.50%
EL 512.85 OFF -56.9'
EL 512.49 OFF -54.3'
EL 512.38 OFF -45.8'
EL 511.71 OFF -36.5'
EL 512.46 OFF -1.0'
EL 512.48 OFF 0.0'
EL 512.45 OFF 1.9'
EL 512.42 OFF 3.7'
EL 512.41 OFF 5.0'
EL 512.08 OFF 26.8'
2.12%
1.50%
5'

STATE OF MISSOURI
JOHN R. LANDECK
NUMBER PE-2013032918
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY

DATE PREPARED
3/30/2021

ROUTE	STATE
100	MO

DISTRICT	SHEET NO.
SL	157

COUNTY
ST. LOUIS

JOB NO.
J6S1718, B, & C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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CROSS SECTIONS
ROUTE 100
SHEET 157 OF 473

REV.

P:\2016\160347\4 CADD - DWG\4.7 Tran\03_Preliminary Design\Sheets\XSections\128-215_XS_03_J6S1718.dgn 4:53:20 PM 3/30/2021

157+50.00

EL 516.86
OFF -36.5'
2.41%
EL 517.74
OFF 0.0'
1.50%
EL 517.46
OFF 18.6'
EXIST. R/W
PERM. ESM'T.
ATT LINE
MODOT ITS
GAS LINE
EX. STORM
MCI FO
SAN. LINE
SAN. LINE
MCI FO
WATER LINE
GAS LINE
ATT LINE

157+15.50

EL 515.89
OFF -36.5'
2.18%
EL 516.69
OFF 0.0'
1.44%
EL 516.39
OFF 19.7'
EXIST. R/W
PERM. ESM'T.
EXIST.
COMMERCIAL ENT.
ATT LINE
MODOT ITS
GAS LINE
MCI FO
EX. STORM
SAN. LINE
SAN. LINE
WATER LINE
ATT LINE

157+00.00

EL 515.45
OFF -36.5'
2.10%
EL 516.20
OFF 0.0'
EL 516.21
OFF 0.0'
EL 516.22
OFF 0.0'
EL 516.17
OFF 3.6'
EL 516.14
OFF 5.0'
1.50%
EL 515.91
OFF 20.3'
EXIST. R/W
PERM. ESM'T.
ATT LINE
MODOT ITS
GAS LINE
EX. STORM
MCI FO
SAN. LINE
SAN. LINE
WATER LINE
ATT LINE
5'

530 525 520 515 510 505

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

STATE OF MISSOURI
JOHN R. LANDECK
NUMBER PE-2013032918
PROFESSIONAL ENGINEER

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ROUTE	STATE
100	MO
DISTRICT	SHEET NO.
SL	158

COUNTY
ST. LOUIS

JOB NO.
J6S1718, B, & C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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CROSS SECTIONS
ROUTE 100
SHEET 158 OF 473

REV.

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

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158+50.00

EXIST. R/W
ATT LINE
GAS LINE
MODOT ITS
EX. STORM
MCI FO
SAN. LINE
SAN. LINE
WATER LINE
GAS LINE
WATER LINE
WATER LINE
ATT LINE
EXIST. R/W
TEMP. ESM'T.
EL 520.14 OFF -36.5'
EL 520.88 OFF 0.0'
EL 520.58 OFF 20.0'
EL 520.42 OFF 23.0'
EL 520.49 OFF 30.0'
EL 520.64 OFF 33.5'
2.02%
1.50%
1.00%
4.47%

158+43.00

EXIST. R/W
ATT LINE
GAS LINE
MODOT ITS
EX. STORM
MCI FO
SAN. LINE
SAN. LINE
WATER LINE
GAS LINE
ATT LINE
COMMERCIAL ENT.
EXIST. R/W
TEMP. ESM'T.
EL 519.90 OFF -36.5'
EL 520.66 OFF 0.0'
EL 520.36 OFF 20.0'
EL 520.20 OFF 23.0'
EL 520.27 OFF 30.0'
EL 520.57 OFF 33.7'
2.10%
1.50%
1.00%
8.31%

158+00.00

EXIST. R/W
ATT LINE
GAS LINE
MODOT ITS
EX. STORM
MCI FO
SAN. LINE
SAN. LINE
WATER LINE
GAS LINE
ATT LINE
EXIST. R/W
TEMP. ESM'T.
TEMP. ESM'T.
EL 518.35 OFF -36.5'
EL 519.31 OFF 0.0'
EL 519.01 OFF 20.0'
EL 518.84 OFF 23.0'
EL 519.26 OFF 27.1'
EL 519.33 OFF 33.1'
TC= 51.58' PERM. ESM'T. OFF 34.8'
2.63%
1.50%
10.00%
1.00%
5'

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

530 525 520 515 510

STATE OF MISSOURI
JOHN R. LANDECK
NUMBER PE-2013032918
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY

DATE PREPARED
3/30/2021

ROUTE	STATE
100	MO
DISTRICT	SHEET NO.
SL	159

COUNTY
ST. LOUIS

JOB NO.
J6S1718, B, & C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

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REV.	DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

MoDOT

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CROSS SECTIONS
ROUTE 100
SHEET 159 OF 473

P:\2016\160347\4 CADD - DWG\4.7 Tran\03_Preliminary Design\Sheets\XSections\128-215_XS_03_J6S1718.dgn 4:53:23 PM 3/30/2021

NORTH ROCK HILL ROAD (SKEWED)

159+62.20

159+50.00

159+00.00

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

STATE OF MISSOURI
JOHN R. LANDECK
NUMBER PE-2013032918
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY

DATE PREPARED
3/30/2021

ROUTE	STATE
100	MO

DISTRICT	SHEET NO.
SL	160

COUNTY
ST. LOUIS

JOB NO.
J6S1718, B, & C

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)

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720 OLIVE STREET, SUITE 200A
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(314) 241-6300
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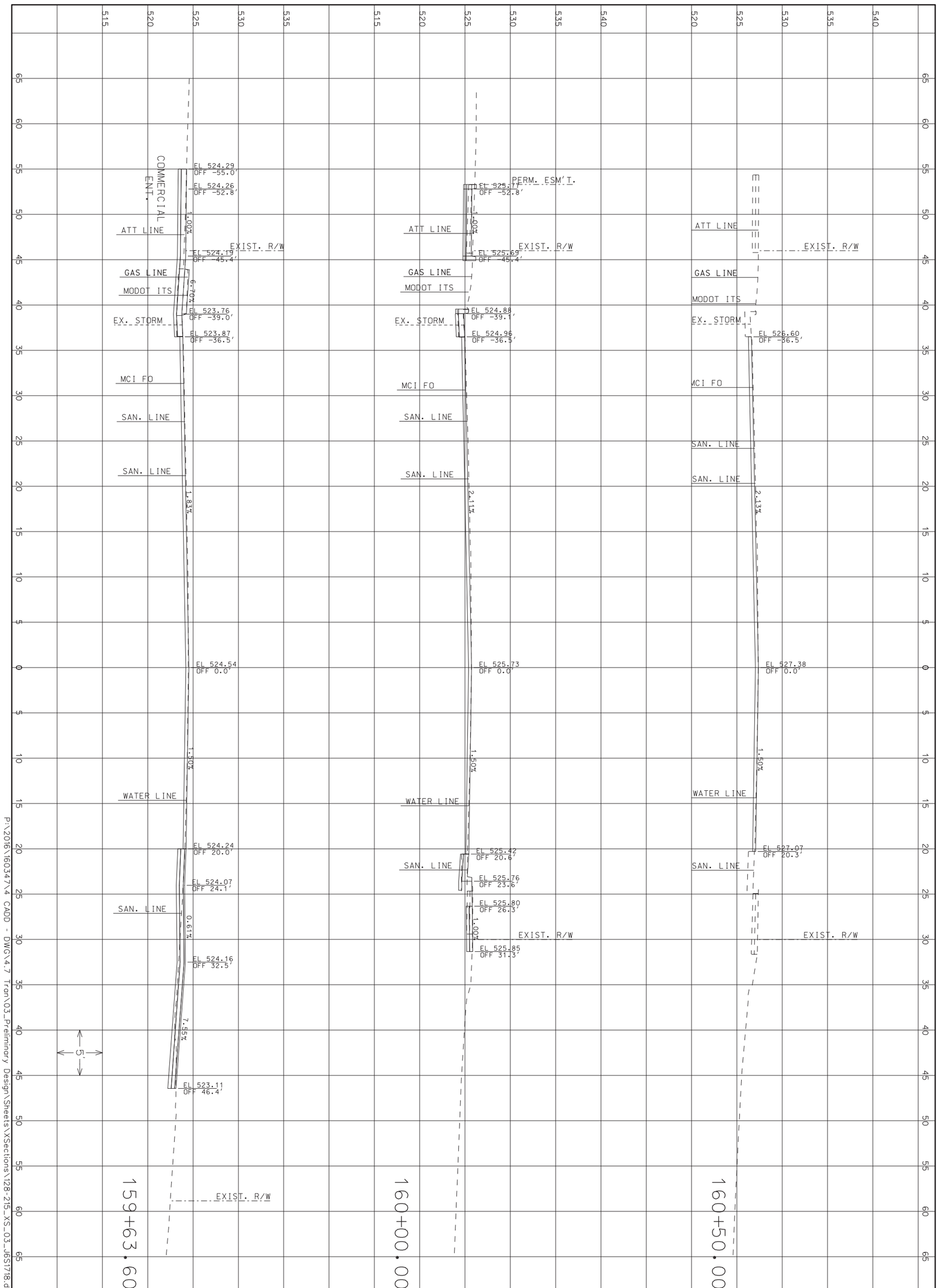
MISSOURI CERT. OF AUTHORITY: 001528

CROSS SECTIONS
ROUTE 100
SHEET 160 OF 473

REV.

P:\2016\160347\4 CADD - DWG\4.7 Tran\03_Preliminary Design\Sheets\XSections\128-215_XS_03_J6S1718.dgn 4:53:24 PM 3/30/2021



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CROSS SECTIONS

ROUTE 100

SHEET 161 OF 473

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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

DATE	DESCRIPTION

BRIDGE NO.

PROJECT NO.

J6S1718, B, & C
CONTRACT ID.

ST. LOUIS
COUNTY

JOB NO.

DISTRICT	SHEET NO.	STATE
SL	161	MO

ROUTE 100

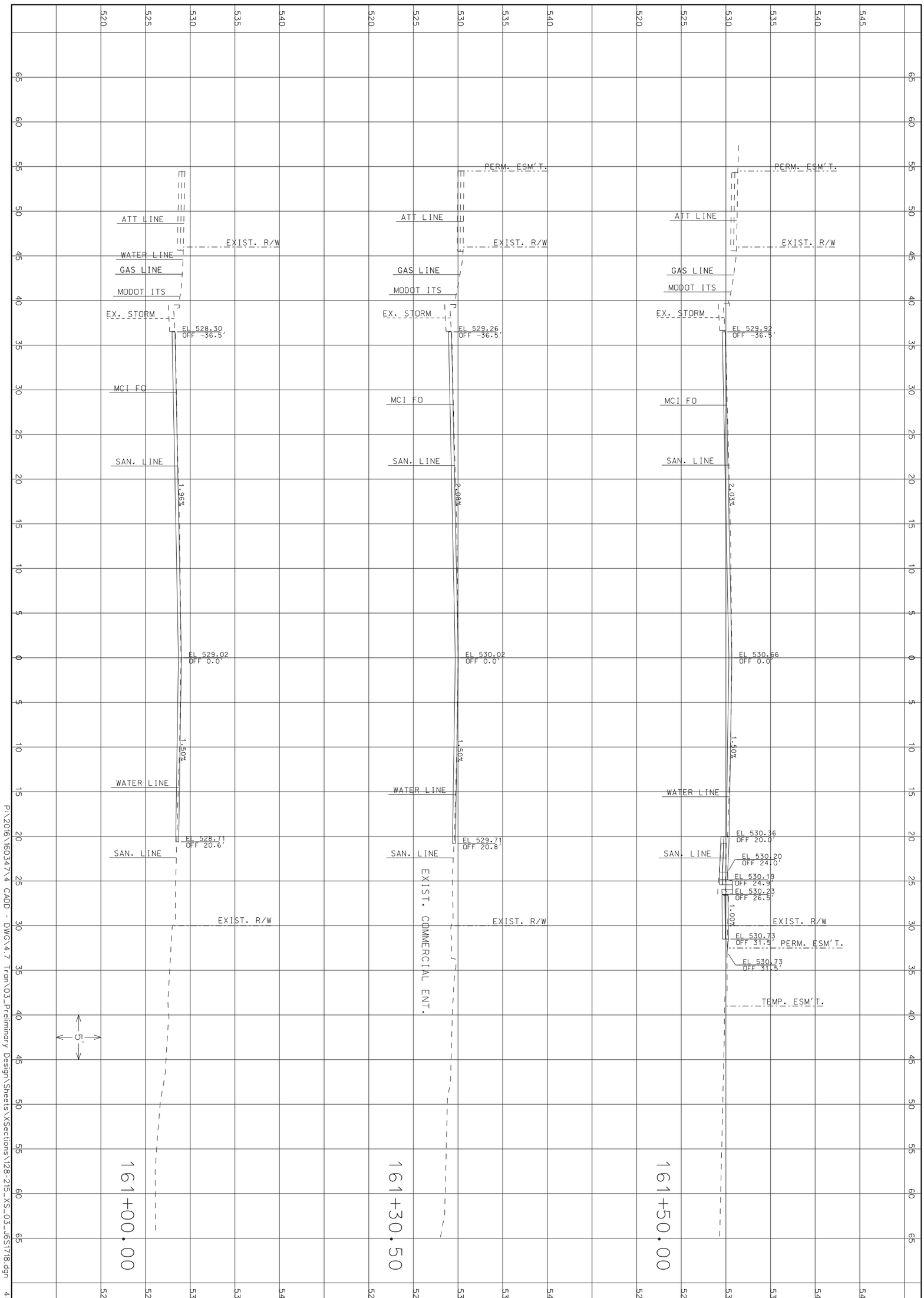
DATE PREPARED 3/30/2021

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY

STATE OF MISSOURI
JOHN R. LANDECK
NUMBER PE-2013030918
PROFESSIONAL ENGINEER

REV.

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



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CROSS SECTIONS

ROUTE 100

SHEET 162 OF 473

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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

DATE	DESCRIPTION

BRIDGE NO.

PROJECT NO.

CONTRACT ID. J6S1718, B, & C

JOB NO.

COUNTY ST. LOUIS

DISTRICT SL | SHEET NO. 162

ROUTE 100 | STATE MO

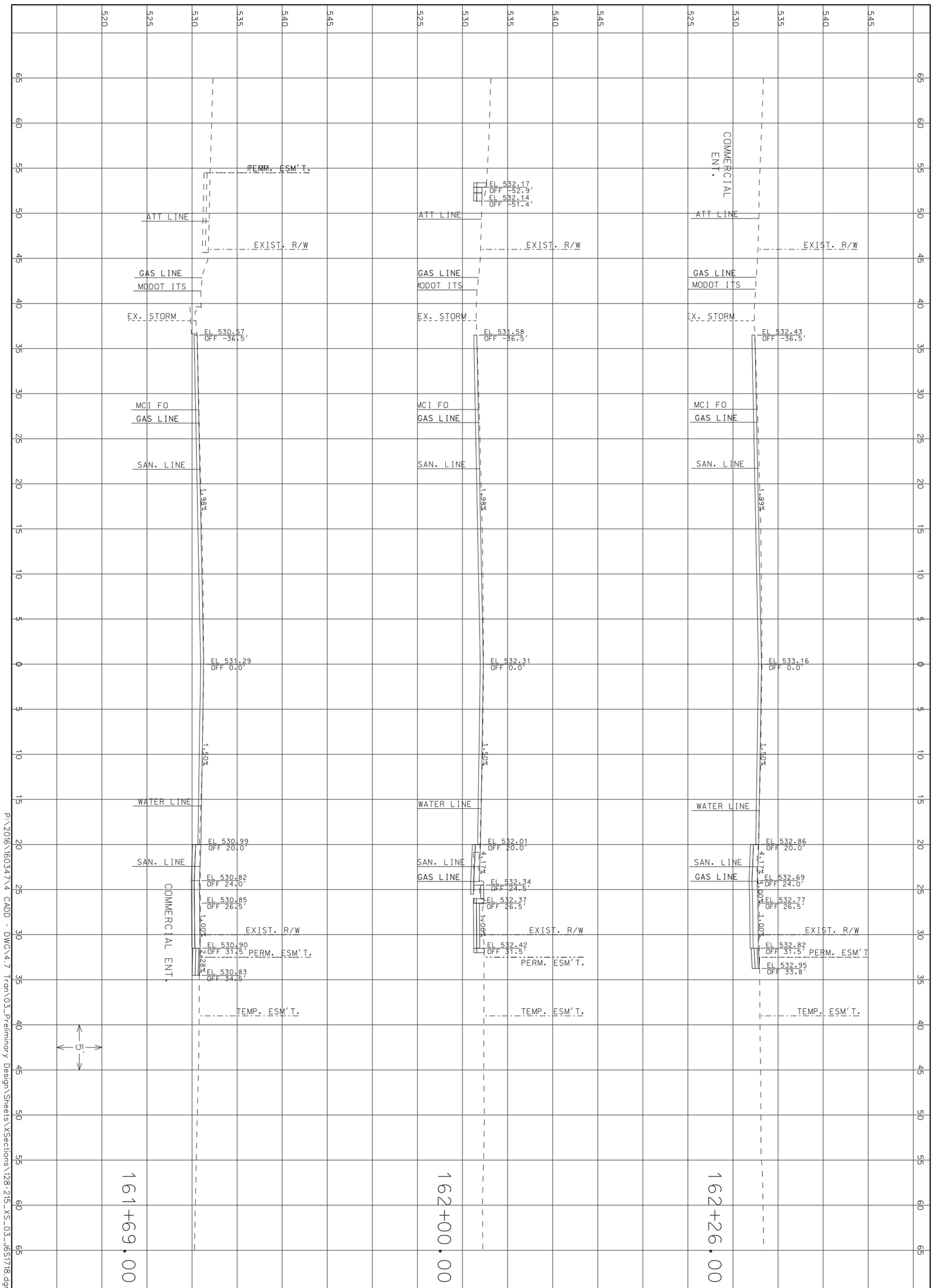
DATE PREPARED 3/30/2021

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY

STATE OF MISSOURI
JOHN R. LANDECK
NUMBER PE-2013030918
PROFESSIONAL ENGINEER

REV.

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



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CROSS SECTIONS

ROUTE 100

SHEET 163 OF 473

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

DATE	DESCRIPTION

BRIDGE NO.

PROJECT NO.

CONTRACT ID. J6S1718, B, & C

JOB NO.

COUNTY ST. LOUIS

DISTRICT SL | SHEET NO. 163

ROUTE 100 | STATE MO

DATE PREPARED 3/30/2021

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY

PROFESSIONAL ENGINEER
JOHN R. LANDECK
NUMBER PE-2013030918
STATE OF MISSOURI

REV.

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STATE OF MISSOURI
JOHN R. LANDECK
NUMBER PE-2013032918
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY

DATE PREPARED
3/30/2021

ROUTE	STATE
100	MO
DISTRICT	SHEET NO.
SL	164

COUNTY
ST. LOUIS

JOB NO.
J6S1718, B, & C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

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

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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CROSS SECTIONS

ROUTE 100

SHEET 164 OF 473

REV.

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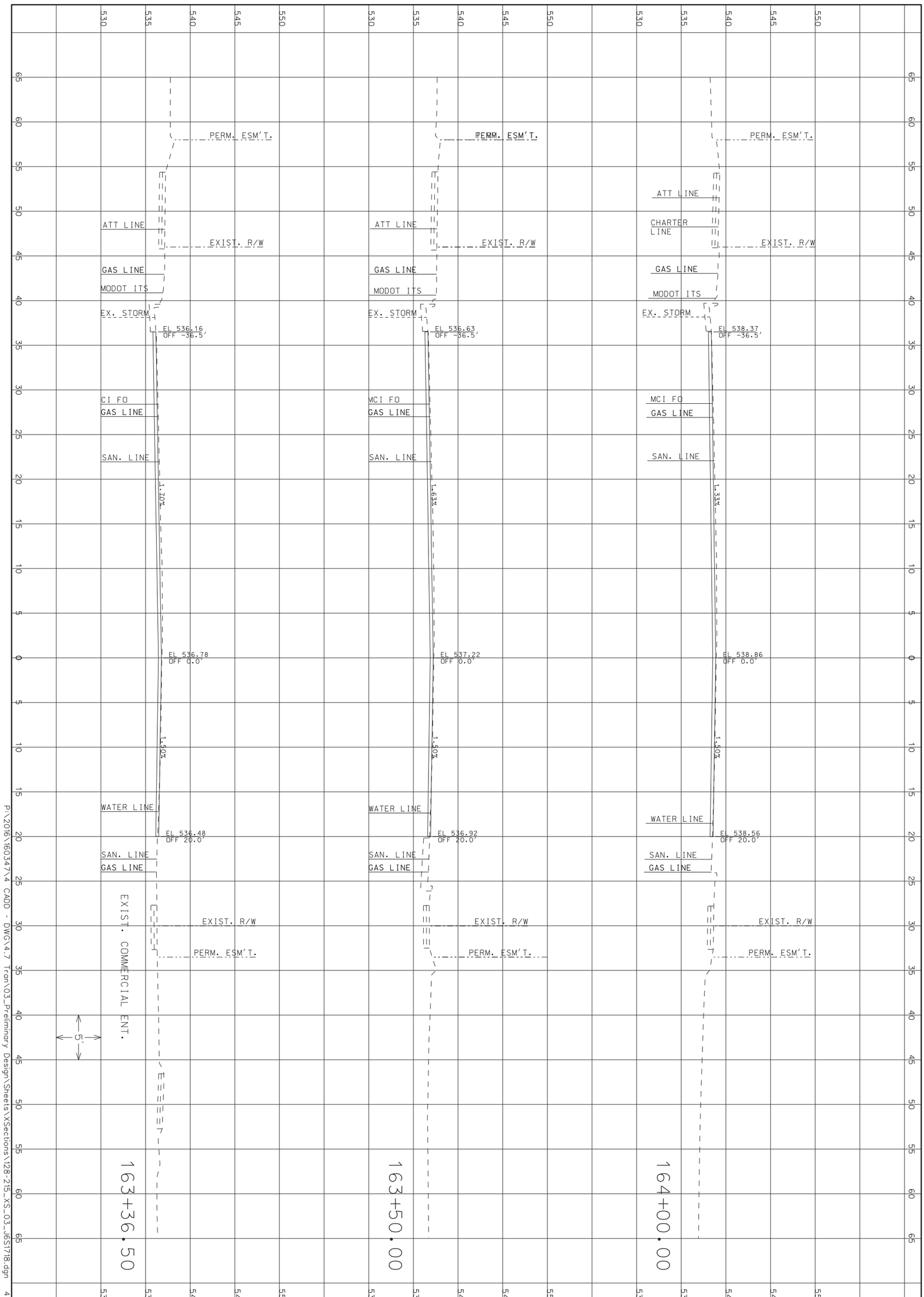

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CROSS SECTIONS

ROUTE 100

SHEET 165 OF 473

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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

MoDOT

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

DATE	DESCRIPTION

BRIDGE NO.

PROJECT NO.

CONTRACT ID. JS1718, B, & C

JOB NO.

COUNTY ST. LOUIS

DISTRICT SL | SHEET NO. 165

ROUTE 100 | STATE MO

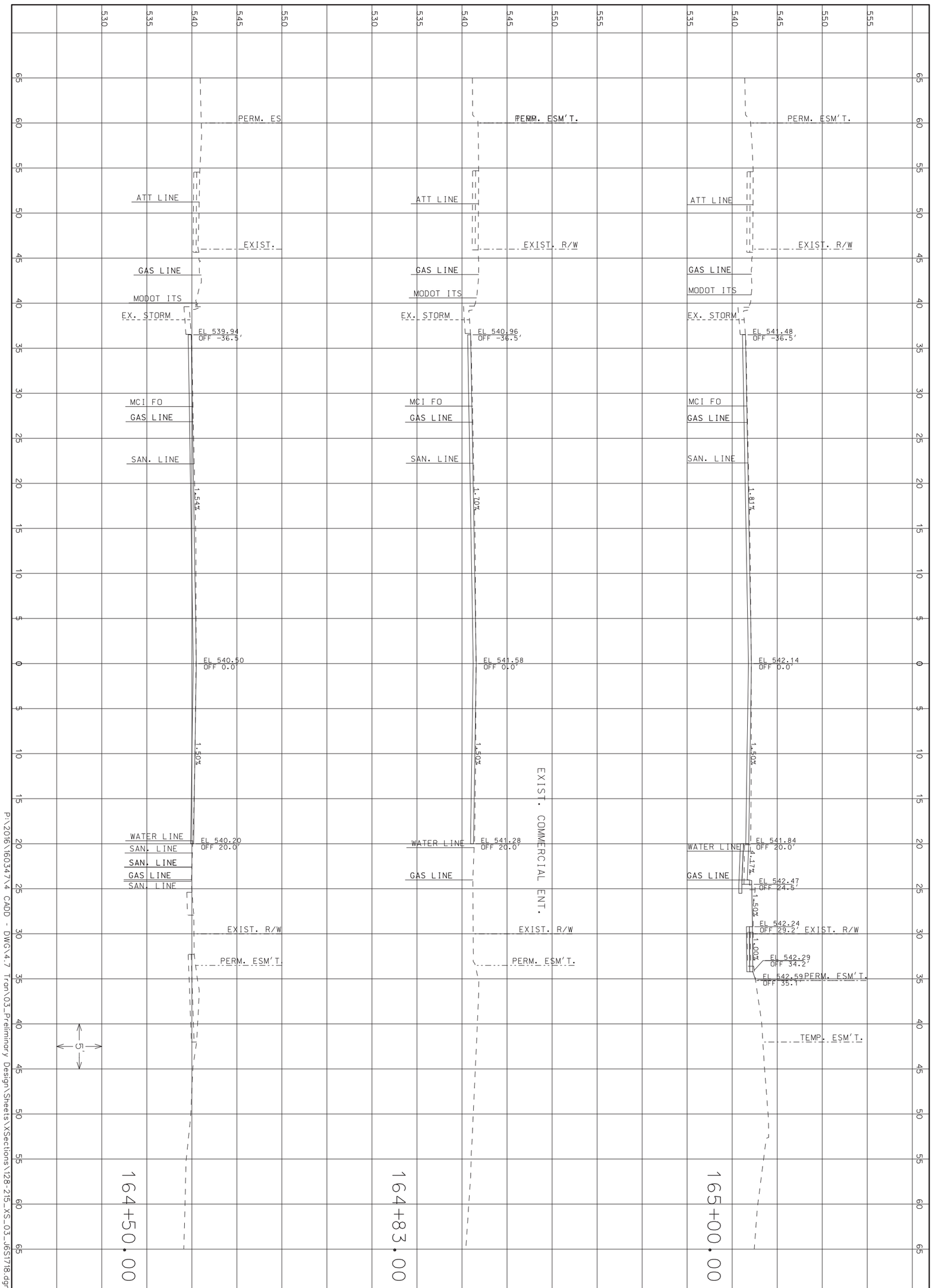
DATE PREPARED 3/30/2021

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY

STATE OF MISSOURI
JOHN R. LANDECK
NUMBER PE-2013030918
PROFESSIONAL ENGINEER

REV.

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



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CROSS SECTIONS

ROUTE 100

SHEET 166 OF 473

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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

MoDOT

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

DATE	DESCRIPTION

BRIDGE NO.

PROJECT NO.

CONTRACT ID. J6S1718.B.&C

JOB NO.

COUNTY ST. LOUIS

DISTRICT	SHEET NO.
SL	166

ROUTE	STATE
100	MO

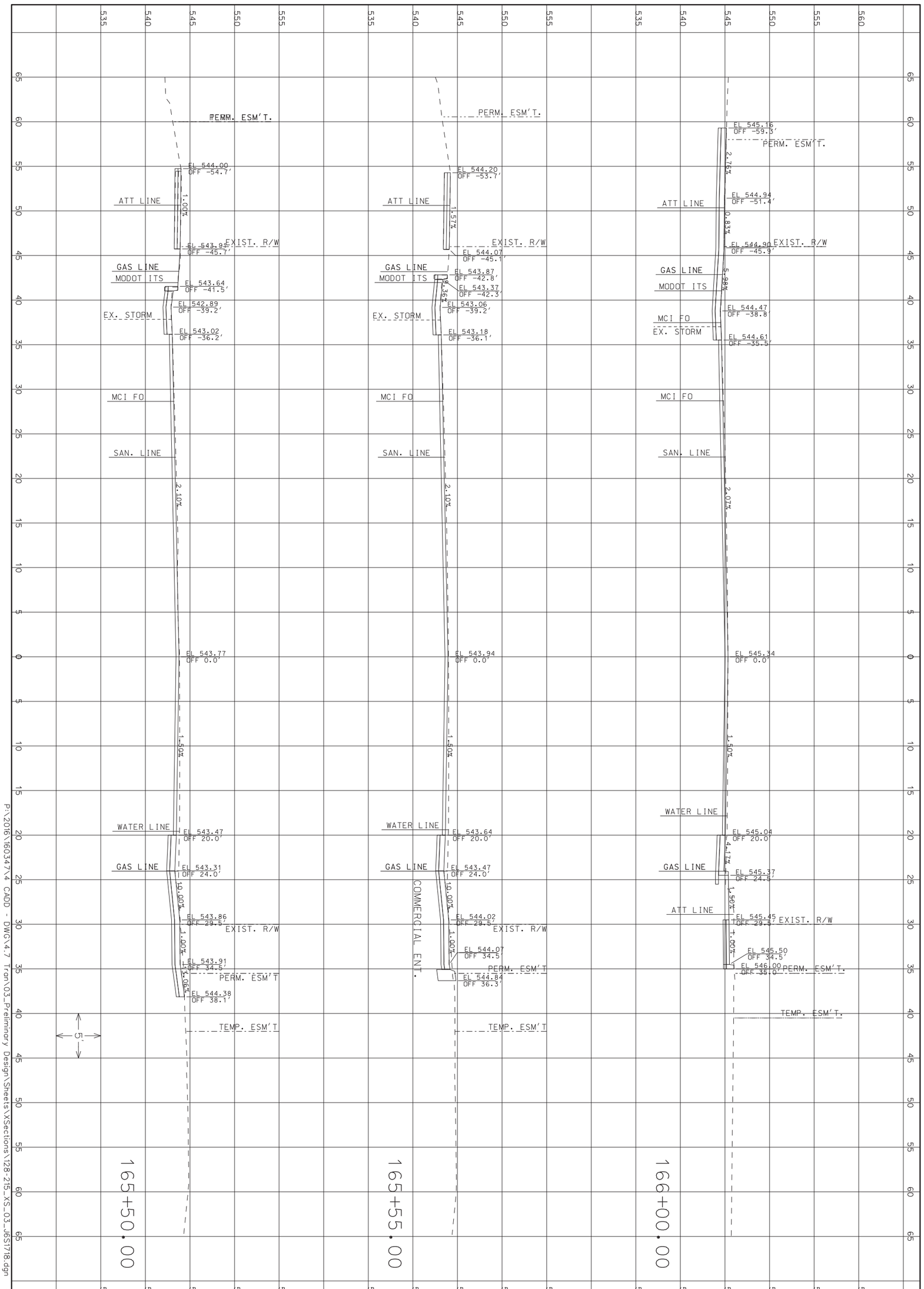
DATE PREPARED 3/30/2021

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY

PROFESSIONAL ENGINEER
JOHN R. LANDECK
NUMBER PE-2013030918
STATE OF MISSOURI

REV.

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



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CROSS SECTIONS

ROUTE 100

SHEET 167 OF 473

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MISSOURI CERT. OF AUTHORITY: 001528

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

MoDOT

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

DATE	DESCRIPTION

BRIDGE NO.

PROJECT NO.

J6S1718, B, & C
CONTRACT ID.

ST. LOUIS
COUNTY

DISTRICT	SHEET NO.	STATE
SL	167	MO

ROUTE 100

DATE PREPARED
3/30/2021

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY

STATE OF MISSOURI
JOHN R. LANDER
NUMBER PE-2013030318
PROFESSIONAL ENGINEER

REV.

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

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY

JOHN R. LANDECK
NUMBER PE-2013032918
STATE OF MISSOURI
PROFESSIONAL ENGINEER

DATE PREPARED
3/30/2021

ROUTE	STATE
100	MO

DISTRICT	SHEET NO.
SL	168

COUNTY
ST. LOUIS

JOB NO.
J6S1718, B, & C

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)

TWM
ENGINEERING
GEOSPATIAL SERVICES
720 OLIVE STREET, SUITE 200A
ST. LOUIS, MO 63101
(314) 241-6300
www.twm-inc.com
MISSOURI CERT. OF AUTHORITY: 001528

CROSS SECTIONS
ROUTE 100
SHEET 168 OF 473

REV.

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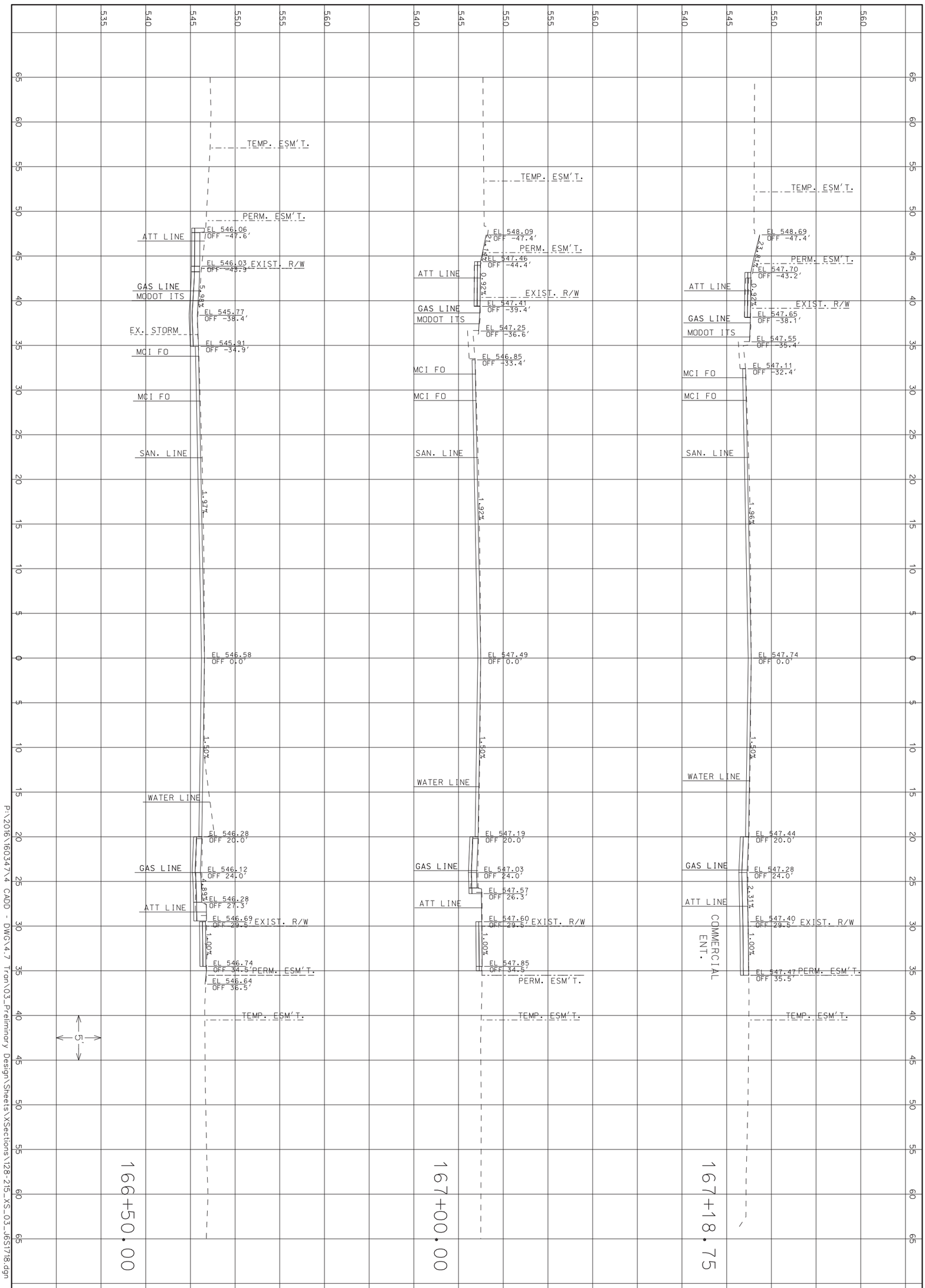

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CROSS SECTIONS

ROUTE 100

SHEET 169 OF 473

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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

DATE	DESCRIPTION

BRIDGE NO.

PROJECT NO.

J6S1718.B.&.C
CONTRACT ID.

ST. LOUIS
COUNTY

JOB NO.

DISTRICT	SHEET NO.
SL	169

ROUTE	STATE
100	MO

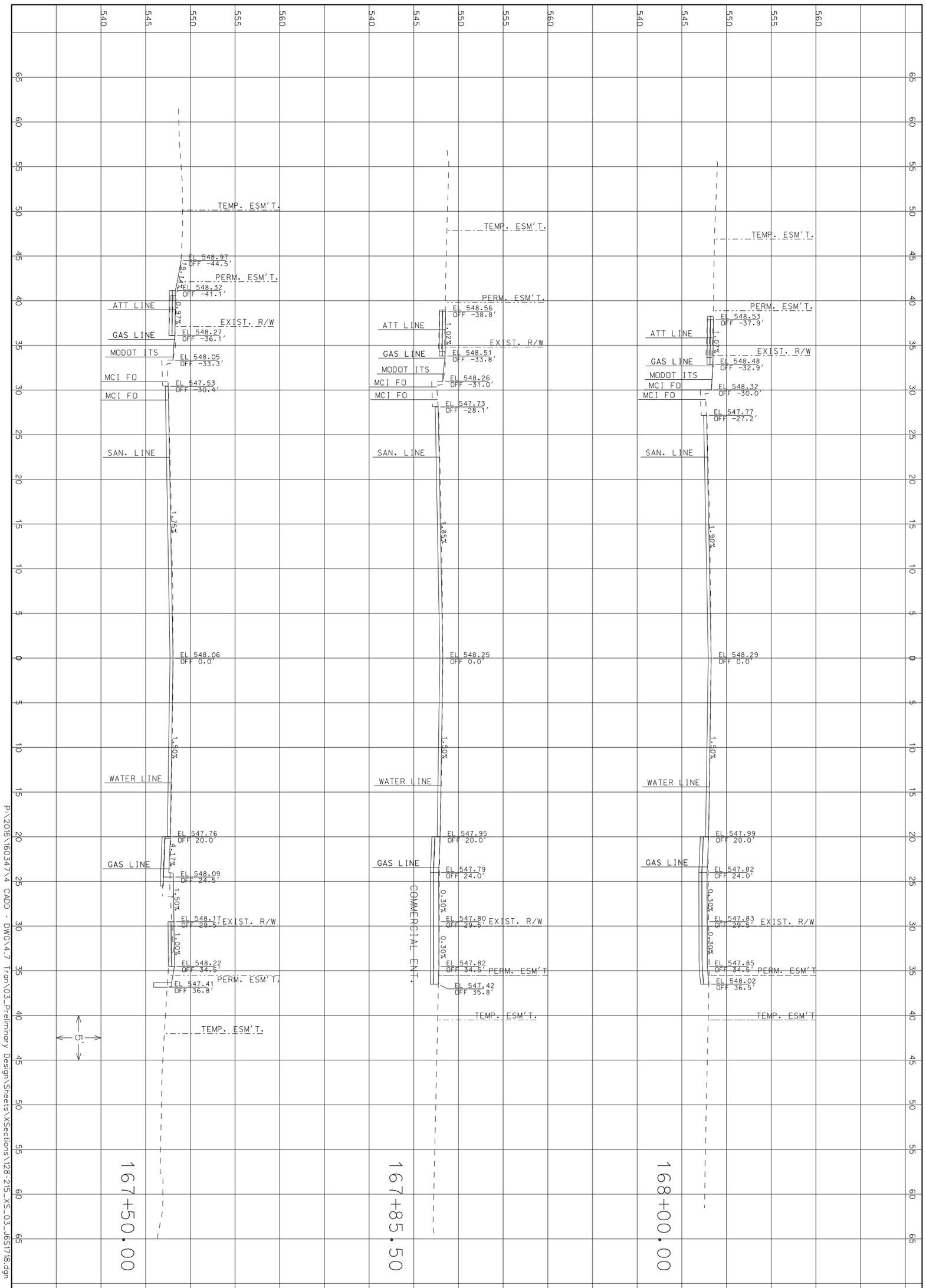
DATE PREPARED
3/30/2021

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY

STATE OF MISSOURI
JOHN R. LANDECK
NUMBER PE-2013030318
PROFESSIONAL ENGINEER

REV.

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



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CROSS SECTIONS

ROUTE 100

SHEET 170 OF 473

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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

DATE	DESCRIPTION

BRIDGE NO.

PROJECT NO.

JOB NO. J6S1718, B, & C

CONTRACT ID.

COUNTY ST. LOUIS

DISTRICT SL

SHEET NO. 170

ROUTE 100

STATE MO

DATE PREPARED 3/30/2021

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY

STATE OF MISSOURI
JOHN R. LANDECK
NUMBER PE-2013030318
PROFESSIONAL ENGINEER

REV.

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STATE OF MISSOURI
JOHN R. LANDECK
NUMBER PE-2013032918
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY

DATE PREPARED
3/30/2021

ROUTE	STATE
100	MO
DISTRICT	SHEET NO.
SL	171

COUNTY
ST. LOUIS

JOB NO.
J6S1718, B, & C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

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

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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105 WEST CAPITOL
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CROSS SECTIONS
ROUTE 100
SHEET 171 OF 473

REV.

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STATE OF MISSOURI
JOHN R. LANDECK
NUMBER PE-2013032918
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY

DATE PREPARED
3/30/2021

ROUTE	STATE
100	MO
DISTRICT	SHEET NO.
SL	172

COUNTY
ST. LOUIS

JOB NO.
J6S1718, B, & C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

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

REV.	DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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CROSS SECTIONS
ROUTE 100
SHEET 172 OF 473

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STATE OF MISSOURI
JOHN R. LANDECK
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PROFESSIONAL ENGINEER

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DATE PREPARED
3/30/2021

ROUTE	STATE
100	MO
DISTRICT	SHEET NO.
SL	173

COUNTY
ST. LOUIS

JOB NO.
J6S1718, B, & C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DATE	DESCRIPTION

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CROSS SECTIONS
ROUTE 100
SHEET 173 OF 473

REV.

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STATE OF MISSOURI
JOHN R. LANDECK
NUMBER PE-2013032918
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THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY

DATE PREPARED
3/30/2021

ROUTE	STATE
100	MO
DISTRICT	SHEET NO.
SL	174

COUNTY
ST. LOUIS

JOB NO.
J6S1718, B, & C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

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REV.	DATE	DESCRIPTION

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CROSS SECTIONS

ROUTE 100

SHEET 174 OF 473

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STATE OF MISSOURI
JOHN R. LANDECK
NUMBER PE-2013032918
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY

DATE PREPARED
3/30/2021

ROUTE	STATE
100	MO
DISTRICT	SHEET NO.
SL	175

COUNTY
ST. LOUIS

JOB NO.
J6S1718, B, & C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

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

REV.	DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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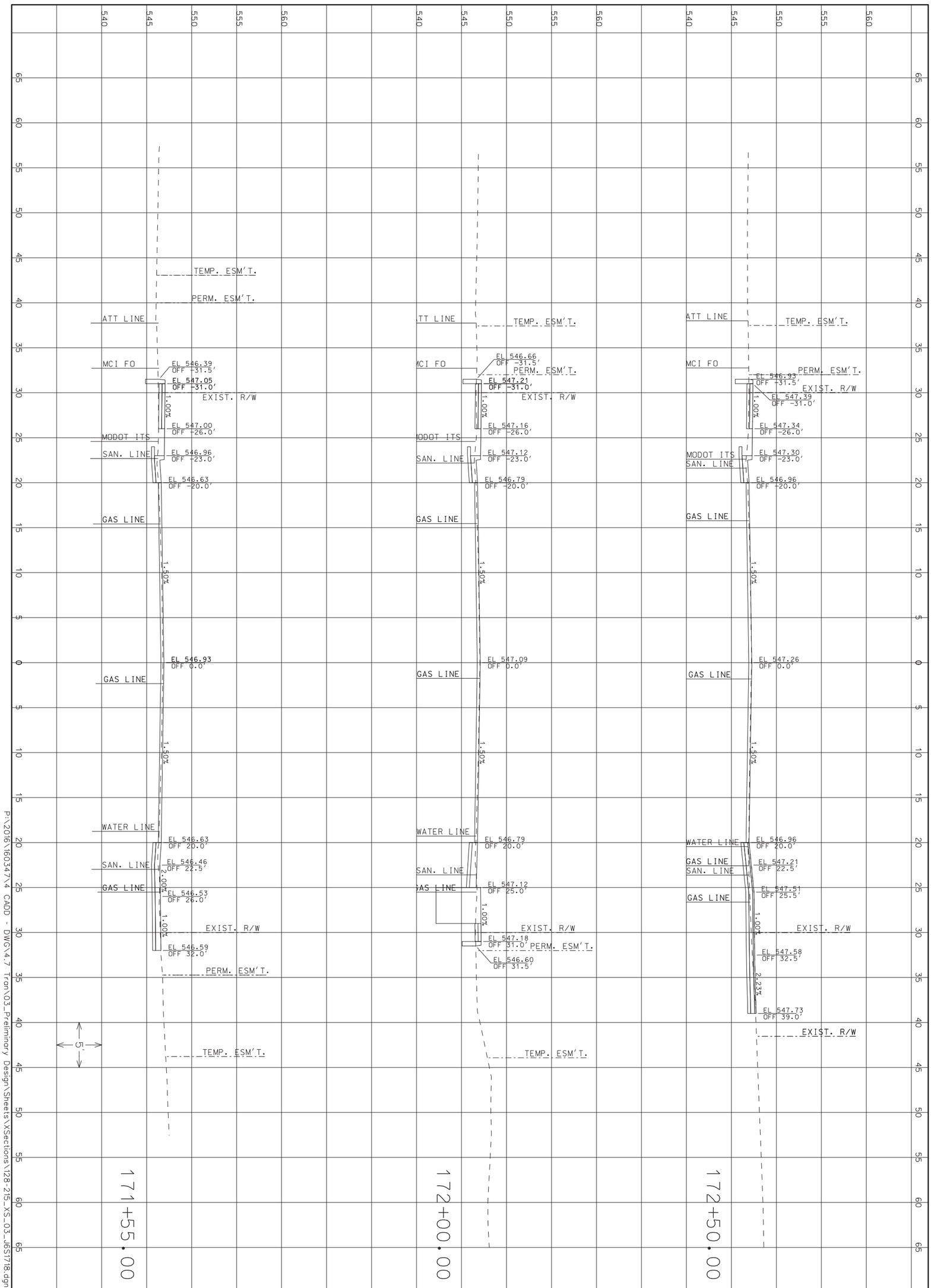
CROSS SECTIONS
ROUTE 100
SHEET 175 OF 473



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CROSS SECTIONS

ROUTE 100

SHEET 176 OF 473

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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

DATE	DESCRIPTION

BRIDGE NO.

PROJECT NO.

CONTRACT ID. J6S1718.B.&C

JOB NO.

COUNTY ST. LOUIS

DISTRICT SL | SHEET NO. 176

ROUTE 100 | STATE MO

DATE PREPARED 3/30/2021

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY

PROFESSIONAL ENGINEER JOHN R. LANDECK NUMBER PE-2013030918 STATE OF MISSOURI

REV.

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

JOHN R. LANDECK
NUMBER PE-2013032918
STATE OF MISSOURI
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY

DATE PREPARED
3/30/2021

ROUTE	STATE
100	MO
DISTRICT	SHEET NO.
SL	177

COUNTY
ST. LOUIS

JOB NO.
J6S1718, B, & C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

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

REV.	DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
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CROSS SECTIONS

ROUTE 100

SHEET 177 OF 473

P:\2016\160347\4 CADD - DWG\4.7 Tran\03_Preliminary Design\Sheets\XSections\128-215_XS_03_J6S1718.dgn 4:53:45 PM 3/30/2021

STATE OF MISSOURI
JOHN R. LANDECK
NUMBER PE-2013032918
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY

DATE PREPARED
3/30/2021

ROUTE	STATE
100	MO
DISTRICT	SHEET NO.
SL	178

COUNTY
ST. LOUIS

JOB NO.
J6S1718, B, & C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

REV.	DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

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CROSS SECTIONS
ROUTE 100
SHEET 178 OF 473

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

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JOHN R. LANDECK
NUMBER PE-2013032918
STATE OF MISSOURI
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY

DATE PREPARED
3/30/2021

ROUTE	STATE
100	MO
DISTRICT	SHEET NO.
SL	179

COUNTY
ST. LOUIS

JOB NO.
J6S1718, B, & C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

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

DATE	DESCRIPTION	REV.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

ENGINEERING GEOSPATIAL SERVICES
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MISSOURI CERT. OF AUTHORITY: 001528

CROSS SECTIONS
ROUTE 100
SHEET 179 OF 473

P:\2016\160347\4 CADD - DWG\4.7 Tran\03_Preliminary Design\Sheets\XSections\128-215_XS_03_J6S1718.dgn 4:53:47 PM 3/30/2021

JOHN R. LANDECK
NUMBER PE-2013032918
STATE OF MISSOURI
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY

DATE PREPARED
3/30/2021

ROUTE	STATE
100	MO
DISTRICT	SHEET NO.
SL	180

COUNTY
ST. LOUIS

JOB NO.
J6S1718, B, & C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

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

REV.	DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
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MISSOURI CERT. OF AUTHORITY: 001528

CROSS SECTIONS
ROUTE 100
SHEET 180 OF 473

P:\2016\160347\4 CADD - DWG\4.7 Tran\03_Preliminary Design\Sheets\XSections\128-215_XS_03_J6S1718.dgn 4:53:49 PM 3/30/2021

JOHN R. LANDECK
NUMBER PE-2013032918
STATE OF MISSOURI
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY

DATE PREPARED
3/30/2021

ROUTE	STATE
100	MO
DISTRICT	SHEET NO.
SL	181

COUNTY
ST. LOUIS

JOB NO.
J6S1718, B, & C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

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

REV.	DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

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CROSS SECTIONS
ROUTE 100
SHEET 181 OF 473

P:\2016\160347\4 CADD - DWG\4.7 Tran\03_Preliminary Design\Sheets\XSections\128-215_XS_03_J6S1718.dgn 4:53:50 PM 3/30/2021

JOHN R. LANDECK
NUMBER PE-2013032918
STATE OF MISSOURI
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY

DATE PREPARED
3/30/2021

ROUTE	STATE
100	MO
DISTRICT	SHEET NO.
SL	182

COUNTY
ST. LOUIS

JOB NO.
J6S1718, B, & C

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
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CROSS SECTIONS
ROUTE 100
SHEET 182 OF 473

REV.

P:\2016\160347\4 CADD - DWG\4.7 Tran\03_Preliminary Design\Sheets\XSections\128-215_XS_03_J6S1718.dgn 4:53:51 PM 3/30/2021

MUECK TERRACE
(SKEWED)

EL 555.41
OFF -54.0'

6.88%

EL 554.20
OFF -36.4'

ATT LINE

2.21%

MCI FO

EL 554.04
OFF -29.4'

6.53%

PROP. STORM SEWER

MODOT ITS

EL 553.82
OFF -26.0'

EL 553.94
OFF -23.1'

SAN. LINE

GAS LINE

0.02%

EL 553.94
OFF 0.0'

WATER LINE

2.60%

WATER LINE

EL 553.34
OFF 23.0'

EL 553.14
OFF 25.9'

2.14%

SAN. LINE

WATER LINE

EXIST. R/W

EL 552.94
OFF 35.0'

2.34%

GAS LINE

EL 552.87
OFF 37.9'

EL 552.89
OFF 41.3'

R/W LINE

TEMP. ESM'T.

177+06.57

TEMP. ESM'T.

EL 554.04
OFF -37.5'

PERM. ESM'T.

EL 554.08
OFF -31.5'

EXIST. R/W

EL 553.89
OFF -31.0'

0.67%

EL 553.84
OFF -26.0'

1.00%

EL 553.80
OFF -23.0'

EL 553.47
OFF -20.0'

ATT LINE

MCI FO

PROP. STORM SEWER

MODOT ITS

SAN. LINE

GAS LINE

1.50%

EL 553.77
OFF 0.0'

1.50%

WATER LINE

EL 553.47
OFF 20.0'

EL 553.30
OFF 22.5'

1.00%

SAN. LINE

EL 553.22
OFF 30.5'

1.14%

EL 553.16
OFF 36.5'

5.11%

EL 552.17
OFF 55.8'

177+00.00

TEMP. ESM'T.

PERM. ESM'T.

EL 553.40
OFF -42.5'

EL 552.88
OFF -35.7'

EXIST. R/W

2.65%

EL 552.72
OFF -29.5'

2.16%

EL 552.42
OFF -25.5'

0.25%

EL 552.55
OFF -22.7'

COMMERCIAL ENT.
(SKEWED)

ATT LINE

MCI FO

PROP. STORM SEWER

MODOT ITS

SAN. LINE

GAS LINE

0.08%

EL 552.57
OFF 0.0'

2.55%

WATER LINE

EL 551.99
OFF 22.6'

EL 551.79
OFF 25.4'

SAN. LINE

EL 551.87
OFF 29.4'

0.28%

EXIST. R/W

EL 551.85
OFF 35.0'

PERM. ESM'T.

2.05%

EL 552.00
OFF 42.1'

TEMP. ESM'T.

176+54.50

5'

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

565 560 555 550 545

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STATE OF MISSOURI
JOHN R. LANDECK
NUMBER PE-2013032918
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY

DATE PREPARED
3/30/2021

ROUTE	STATE
100	MO
DISTRICT	SHEET NO.
SL	183

COUNTY
ST. LOUIS

JOB NO.
J6S1718, B, & C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

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REV.	DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
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CROSS SECTIONS
ROUTE 100
SHEET 183 OF 473

STATE OF MISSOURI
JOHN R. LANDECK
NUMBER PE-2013032918
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY

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3/30/2021

ROUTE	STATE
100	MO

DISTRICT	SHEET NO.
SL	184

COUNTY
ST. LOUIS

JOB NO.
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CONTRACT ID.

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CROSS SECTIONS

ROUTE 100

SHEET 184 OF 473

REV.

P:\2016\160347\4 CADD - DWG\4.7 Tran\03_Preliminary Design\Sheets\XSections\128-215_XS_03_J6S1718.dgn 4:53:53 PM 3/30/2021

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

STATE OF MISSOURI
JOHN R. LANDECK
NUMBER PE-2013032918
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY

DATE PREPARED
3/30/2021

ROUTE	STATE
100	MO
DISTRICT	SHEET NO.
SL	185

COUNTY
ST. LOUIS

JOB NO.
J6S1718, B, & C

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)

ENGINEERING GEOSPATIAL SERVICES
720 OLIVE STREET, SUITE 200A
ST. LOUIS, MO 63101
(314) 241-6300
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MISSOURI CERT. OF AUTHORITY: 001528

CROSS SECTIONS
ROUTE 100
SHEET 185 OF 473

REV.

P:\2016\160347\4 CADD - DWG\4.7 Tran\03_Preliminary Design\Sheets\XSections\128-215_XS_03_J6S1718.dgn 4:53:55 PM 3/30/2021

STATE OF MISSOURI
JOHN R. LANDECK
NUMBER PE-2013032918
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY

DATE PREPARED
3/30/2021

ROUTE	STATE
100	MO
DISTRICT	SHEET NO.
SL	186

COUNTY
ST. LOUIS

JOB NO.
J6S1718, B, & C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

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

DATE	DESCRIPTION	REV.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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1-888-ASK-MODOT (1-888-275-6636)

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CROSS SECTIONS
ROUTE 100
SHEET 186 OF 473

P:\2016\160347\4 CADD - DWG\4.7 Tran\03_Preliminary Design\Sheets\XSections\128-215_XS_03_J6S1718.dgn 4:53:56 PM 3/30/2021

JOHN R. LANDECK
NUMBER PE-2013032918
STATE OF MISSOURI
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY

DATE PREPARED
3/30/2021

ROUTE	STATE
100	MO

DISTRICT	SHEET NO.
SL	187

COUNTY
ST. LOUIS

JOB NO.
J6S1718, B, & C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

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REV.	DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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CROSS SECTIONS
ROUTE 100
SHEET 187 OF 473

P:\2016\160347\4 CADD - DWG\4.7 Tran\03_Preliminary Design\Sheets\XSections\128-215_XS_03_J6S1718.dgn 4:53:57 PM 3/30/2021

STATE OF MISSOURI
JOHN R. LANDECK
NUMBER PE-2013032918
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY

DATE PREPARED
3/30/2021

ROUTE	STATE
100	MO

DISTRICT	SHEET NO.
SL	188

COUNTY
ST. LOUIS

JOB NO.
J6S1718, B, & C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

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

REV.	DATE	DESCRIPTION

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CROSS SECTIONS
ROUTE 100
SHEET 188 OF 473

P:\2016\160347\4 CADD - DWG\4.7 Tran\03_Preliminary Design\Sheets\XSections\128-215_XS_03_J6S1718.dgn 4:53:58 PM 3/30/2021

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JOHN R. LANDECK
NUMBER PE-2013032918
STATE OF MISSOURI
PROFESSIONAL ENGINEER

DATE PREPARED
3/30/2021

ROUTE	STATE
100	MO

DISTRICT	SHEET NO.
SL	189

COUNTY
ST. LOUIS

JOB NO.
J6S1718, B, & C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

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CROSS SECTIONS
ROUTE 100
SHEET 189 OF 473

REV.

P:\2016\160347\4 CADD - DWG\4.7 Tran\03_Preliminary Design\Sheets\XSections\128-215_XS_03_J6S1718.dgn 4:54:00 PM 3/30/2021

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STATE OF MISSOURI
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ROUTE	STATE
100	MO
DISTRICT	SHEET NO.
SL	190

COUNTY
ST. LOUIS

JOB NO.
J6S1718, B, & C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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CROSS SECTIONS
ROUTE 100
SHEET 190 OF 473

REV.

P:\2016\160347\4 CADD - DWG\4.7 Tran\03_Preliminary Design\Sheets\XSections\128-215_XS_03_J6S1718.dgn 4:54:01 PM 3/30/2021

STATE OF MISSOURI
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NUMBER PE-2013032918
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY

DATE PREPARED
3/30/2021

ROUTE	STATE
100	MO
DISTRICT	SHEET NO.
SL	191

COUNTY
ST. LOUIS

JOB NO.
J6S1718, B, & C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

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CROSS SECTIONS

ROUTE 100

SHEET 191 OF 473

REV.

P:\2016\160347\4 CADD - DWG\4.7 Tran\03_Preliminary Design\Sheets\XSections\128-215_XS_03_J6S1718.dgn 4:54:02 PM 3/30/2021

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

575 570 565 560 555

TEMP. ESM'T.
EL 564.38
OFF -44.5'
EL 564.88
OFF -44.0'
EXIST. R/W
EL 564.66
OFF -33.0'
EL 564.61
OFF -28.0'
EL 564.11
OFF -23.3'
EL 564.04
OFF -22.5'
EL 564.20
OFF -20.0'
EL 564.50
OFF 0.0'
EL 564.29
OFF 20.4'
EXIST. R/W
EL 565.56
OFF 32.7'
EL 565.66
OFF 40.0'
EL 565.71
OFF 45.0'
PERM. ESM'T.
TEMP. ESM'T.

1.00% 1.50% 1.50% 1.50% 1.00%

GAS LINE
ATT LINE
MCI FO
MODOT ITS
SAN. LINE
WATER LINE
SAN. LINE
GAS LINE
MCI FO
ATT LINE
GAS LINE

183+50.00

580 575 570 565 560 555

TEMP. ESM'T.
EXIST. R/W
EL 564.66
OFF -44.5'
EL 564.55
OFF -34.0'
EL 564.49
OFF -28.0'
EL 564.27
OFF -22.5'
EL 564.44
OFF -20.0'
EL 564.74
OFF 0.0'
EL 564.44
OFF 20.4'
EXIST. R/W
EL 566.34
OFF 37.6'
EL 566.37
OFF 40.0'
EL 566.42
OFF 45.0'
PERM. ESM'T.
TEMP. ESM'T.

0.97% 1.00% 4.00% 1.50% 1.50% 1.00%

COMMERCIAL ENT.

GAS LINE
ATT LINE
MCI FO
MODOT ITS
SAN. LINE
WATER LINE
SAN. LINE
GAS LINE
MCI FO
ATT LINE
GAS LINE

183+28.50

5'

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

P:\2016\160347\4 CADD - DWG\4.7 Tran\03_Preliminary Design\Sheets\XSections\128-215_XS_03_J6S1718.dgn 4:54:03 PM 3/30/2021

STATE OF MISSOURI
JOHN R. LANDECK
NUMBER PE-2013032918
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY

DATE PREPARED
3/30/2021

ROUTE	STATE
100	MO
DISTRICT	SHEET NO.
SL	192

COUNTY
ST. LOUIS

JOB NO.
J6S1718, B, & C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

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

REV.	DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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1-888-ASK-MODOT (1-888-275-6636)

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TWM
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CROSS SECTIONS
ROUTE 100
SHEET 192 OF 473

P:\2016\160347\4 CADD - DWG\4.7 Tran\03_Preliminary Design\Sheets\XSections\128-215_XS_03_J6S1718.dgn 4:54:04 PM 3/30/2021

STATE OF MISSOURI
JOHN R. LANDECK
NUMBER PE-2013032918
PROFESSIONAL ENGINEER

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DATE PREPARED
3/30/2021

ROUTE	STATE
100	MO
DISTRICT	SHEET NO.
SL	193

COUNTY
ST. LOUIS

JOB NO.
J6S1718, B, & C

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

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

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GEOSPATIAL SERVICES
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CROSS SECTIONS

ROUTE 100

SHEET 193 OF 473

REV.

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STATE OF MISSOURI
JOHN R. LANDECK
NUMBER PE-2013032918
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THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY

DATE PREPARED
3/30/2021

ROUTE	STATE
100	MO
DISTRICT	SHEET NO.
SL	194

COUNTY
ST. LOUIS

JOB NO.
J6S1718, B, & C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

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

REV.	DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

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(314) 241-6300
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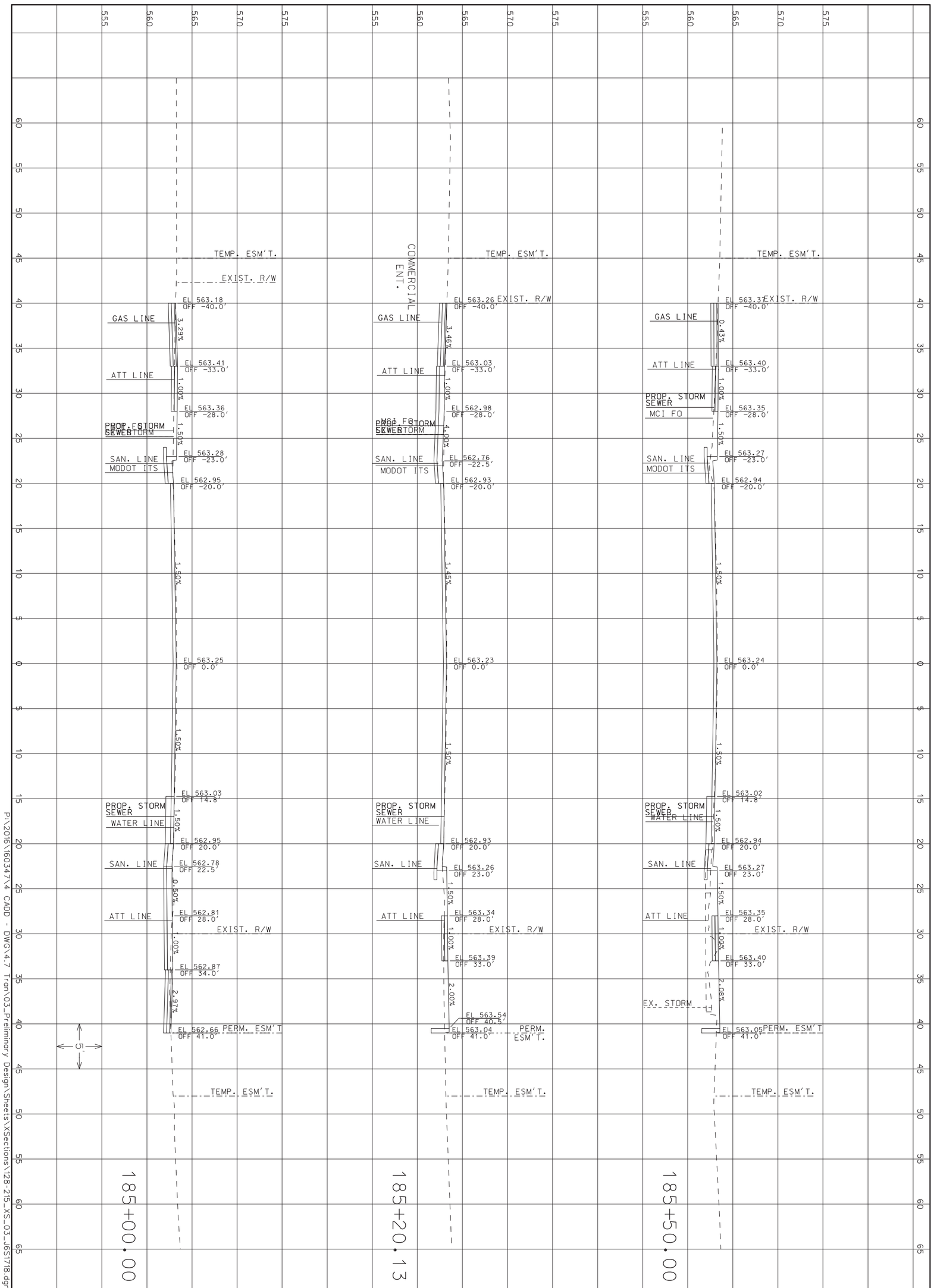
MISSOURI CERT. OF AUTHORITY: 001538

CROSS SECTIONS
ROUTE 100
SHEET 194 OF 473



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CROSS SECTIONS
ROUTE 100
SHEET 195 OF 473

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

DATE	DESCRIPTION

BRIDGE NO.
PROJECT NO.
J6S1718, B, & C
CONTRACT ID.
ST. LOUIS
COUNTY
JOB NO.
SL
DISTRICT
100
ROUTE
195
SHEET NO.
MO
STATE
3/30/2021
DATE PREPARED

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY

PROFESSIONAL ENGINEER
JOHN R. LANDECK
NUMBER PE-2013030918
STATE OF MISSOURI

REV.

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

STATE OF MISSOURI
JOHN R. LANDECK
NUMBER PE-2013032918
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY

DATE PREPARED
3/30/2021

ROUTE	STATE
100	MO
DISTRICT	SHEET NO.
SL	196

COUNTY
ST. LOUIS

JOB NO.
J6S1718, B, & C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

REV.	DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
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CROSS SECTIONS
ROUTE 100
SHEET 196 OF 473

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

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NUMBER PE-2013032918
STATE OF MISSOURI
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY

DATE PREPARED
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ROUTE	STATE
100	MO

DISTRICT	SHEET NO.
SL	197

COUNTY
ST. LOUIS

JOB NO.
J6S1718, B, & C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

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

REV.	DESCRIPTION	DATE

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CROSS SECTIONS

ROUTE 100

SHEET 197 OF 473

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JOHN R. LANDECK
NUMBER PE-2013032918
STATE OF MISSOURI
PROFESSIONAL ENGINEER

DATE PREPARED
3/30/2021

ROUTE	STATE
100	MO
DISTRICT	SHEET NO.
SL	198

COUNTY
ST. LOUIS

JOB NO.
J6S1718, B, & C

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

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CROSS SECTIONS
ROUTE 100
SHEET 198 OF 473

REV.

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

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ROUTE	STATE
100	MO
DISTRICT	SHEET NO.
SL	199

COUNTY
ST. LOUIS

JOB NO.
J6S1718, B, & C

CONTRACT ID.

PROJECT NO.

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ROUTE 100

SHEET 199 OF 473

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STATE OF MISSOURI
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ROUTE	STATE
100	MO

DISTRICT	SHEET NO.
SL	200

COUNTY
ST. LOUIS

JOB NO.
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CONTRACT ID.

PROJECT NO.

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

REV.	DATE	DESCRIPTION

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CROSS SECTIONS
ROUTE 100
SHEET 200 OF 473

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ROUTE	STATE
100	MO
DISTRICT	SHEET NO.
SL	201

COUNTY
ST. LOUIS

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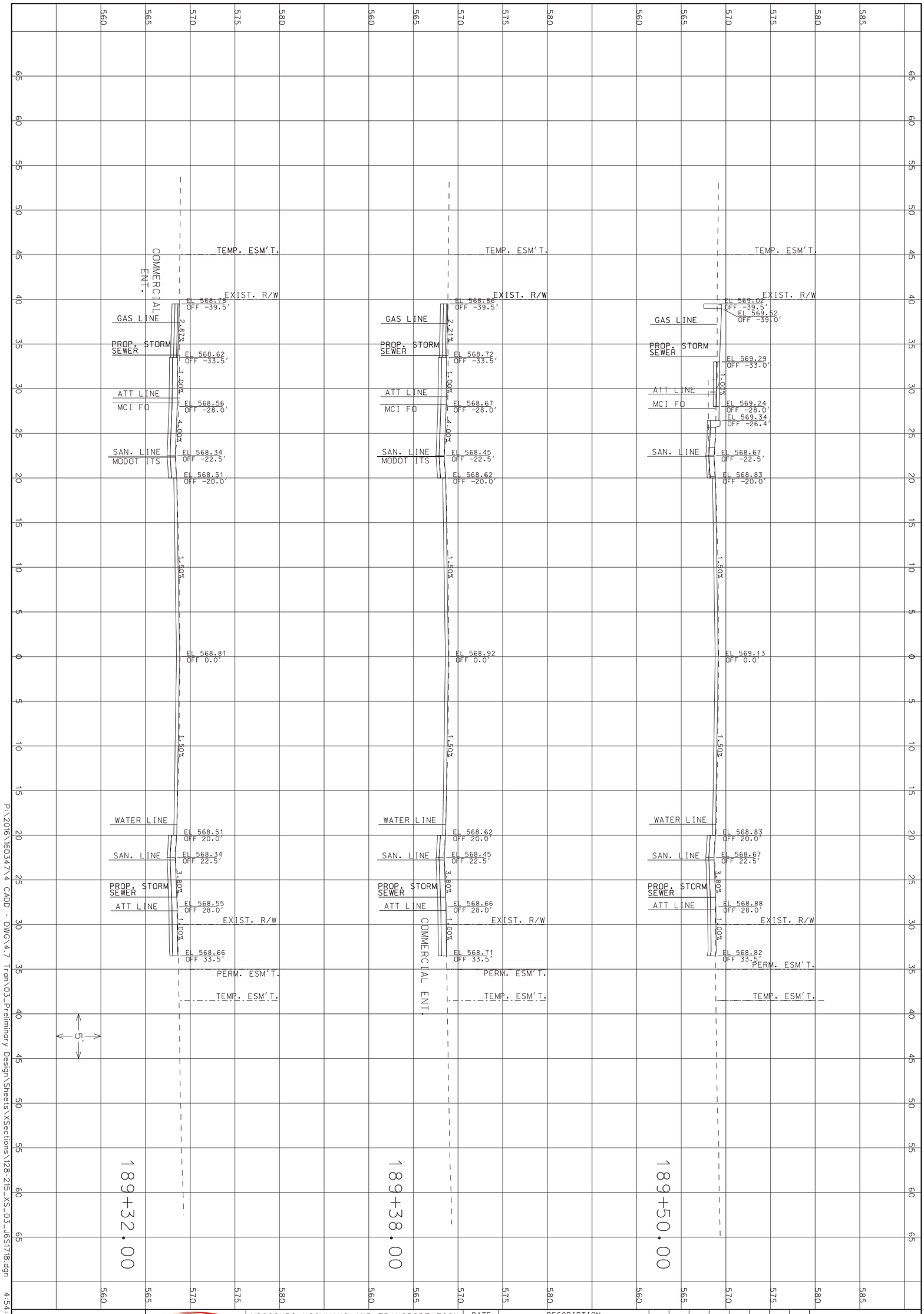
SHEET 201 OF 473

REV.

P:\2016\160347\4 CADD - DWG\4.7 Tran\03_Preliminary Design\Sheets\XSections\128-215_XS_03_J6S1718.dgn 4:54:14 PM 3/30/2021



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CROSS SECTIONS

ROUTE 100

SHEET 202 OF 473

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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

DATE	DESCRIPTION

BRIDGE NO.

PROJECT NO.

CONTRACT ID.

JOB NO. J6S1718, B, & C

COUNTY ST. LOUIS

DISTRICT SL

ROUTE 100

SHEET NO. 202

STATE MO

DATE PREPARED 3/30/2021

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY

STATE OF MISSOURI
JOHN R. LANDECK
NUMBER PE-2013032918
PROFESSIONAL ENGINEER

REV.

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

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

585 580 575 570 565 560

PERM. ESM'T.
EL 570.50
OFF -36.0'
EXIST. R/W
EL 570.20
OFF -29.0'
EL 570.14
OFF -22.5'
EL 570.30
OFF -20.0'
EL 570.60
OFF 0.0'
EL 570.30
OFF 20.0'
EL 570.14
OFF 22.5'
EXIST. R/W
EL 570.21
OFF 30.0'
PERM. ESM'T.
EL 570.99
OFF 38.0'
TEMP. ESM'T.

4.21% 1.00% 1.50% 1.50% 1.00% 9.66%

COMMERCIAL ENT.

PROP. STORM SEWER
ATT LINE
GAS LINE
MCI FO
SAN. LINE
MODOT ITS
WATER LINE
SAN. LINE
PROP. STORM SEWER
ATT LINE

190+31.50

PERM. ESM'T
EL 569.70
OFF -36.0'
EXIST. R/W
EL 569.63
OFF -29.0'
EL 569.57
OFF -22.5'
EL 569.74
OFF -20.0'
EL 570.08
OFF 0.0'
EL 569.74
OFF 20.0'
EL 570.07
OFF 23.0'
EXIST. R/W
EL 570.12
OFF 26.2'
EL 570.17
OFF 33.4'
EL 570.43
OFF 33.3'
EL 569.93
OFF 37.8'
PERM. ESM'T
TEMP. ESM'T.

0.98% 1.00% 1.50% 1.50% 1.00%

PROP. STORM SEWER
ATT LINE
GAS LINE
MCI FO
SAN. LINE
MODOT ITS
WATER LINE
SAN. LINE
PROP. STORM SEWER
ATT LINE

190+00.00

51'

P:\2016\160347\4 CADD - DWG\4.7 Tran\03_Preliminary Design\Sheets\XSections\128-215_XS_03_J6S1718.dgn 4:54:17 PM 3/30/2021

STATE OF MISSOURI
JOHN R. LANDECK
NUMBER PE-2013032918
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY

DATE PREPARED
3/30/2021

ROUTE	STATE
100	MO
DISTRICT	SHEET NO.
SL	203

COUNTY
ST. LOUIS

JOB NO.
J6S1718, B, & C

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)

ENGINEERING
GEOSPATIAL SERVICES
720 OLIVE STREET, SUITE 200A
ST. LOUIS, MO 63101
(314) 241-6300
www.twm-inc.com
MISSOURI CERT. OF AUTHORITY: 001528

CROSS SECTIONS

ROUTE 100

SHEET 203 OF 473

REV.

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

STATE OF MISSOURI
JOHN R. LANDECK
NUMBER PE-2013032918
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY

DATE PREPARED
3/30/2021

ROUTE	STATE
100	MO
DISTRICT	SHEET NO.
SL	204

COUNTY
ST. LOUIS

JOB NO.
J6S1718, B, & C

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

MoDOT

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

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ENGINEERING
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720 OLIVE STREET, SUITE 200A
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MISSOURI CERT. OF AUTHORITY: 001528

CROSS SECTIONS
ROUTE 100
SHEET 204 OF 473

REV.

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191+50.00

TEMP. ESM'T.
PERM. ESM'T.
EL 573.03
OFF -37.0'
EXIST. R/W
EL 572.17
OFF -29.5'
EL 572.44
OFF -29.0'
EL 572.37
OFF -22.5'
EL 572.54
OFF -20.0'
EL 572.84
OFF 0.0'
EL 572.54
OFF 20.0'
EL 572.87
OFF 23.0'
EL 572.93
OFF 29.0'
EXIST. R/W
EL 573.16
OFF 34.5'
EL 573.16
OFF 35.0'
TEMP. ESM'T.
3.50%
1.08%
1.50%
1.50%
1.00%
4.18%
PROP. STORM SEWER
MCI FO
ATT LINE
GAS LINE
SAN. LINE
MODOT ITS
WATER LINE
SAN. LINE
ATT LINE

191+21.68

TAVALON AVENUE
(SKEWED)
EL 572.26
OFF -40.0'
EL 571.88
OFF -29.0'
EL 571.82
OFF -23.0'
EL 571.98
OFF -20.0'
EL 572.27
OFF 0.0'
EL 571.97
OFF 20.0'
EL 572.30
OFF 23.0'
EL 572.34
OFF 25.5'
EXIST. R/W
EL 572.39
OFF 31.0'
EL 572.87
OFF 34.5'
PERM. ESM'T.
EL 572.87
OFF 35.0'
TEMP. ESM'T.
3.46%
1.03%
1.47%
1.53%
0.97%
PROP. STORM SEWER
MCI FO
ATT LINE
GAS LINE
SAN. LINE
SAN. LINE
SAN. LINE
MODOT ITS
WATER LINE
SAN. LINE
ATT LINE

191+00.00

PERM. ESM'T.
EL 572.14
OFF -36.0'
EXIST. R/W
EL 571.72
OFF -29.5'
EL 571.44
OFF -29.0'
EL 571.38
OFF -22.6'
EL 571.54
OFF -20.0'
EL 571.84
OFF 0.0'
EL 571.54
OFF 20.0'
EL 571.88
OFF 43.0'
EL 571.94
OFF 29.0'
EL 572.61
OFF 35.0'
PERM. ESM'T
TEMP. ESM'T.
6.42%
1.05%
1.50%
1.50%
1.00%
PROP. STORM SEWER
MCI FO
GAS LINE
ATT LINE
GAS LINE
SAN. LINE
MODOT ITS
WATER LINE
SAN. LINE
PROP. STORM SEWER
ATT LINE
5'

585
580
575
570
565
560

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

STATE OF MISSOURI
JOHN R. LANDECK
NUMBER PE-2013032918
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY

DATE PREPARED
3/30/2021

ROUTE	STATE
100	MO
DISTRICT	SHEET NO.
SL	205

COUNTY
ST. LOUIS

JOB NO.
J6S1718, B, & C

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)

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ENGINEERING
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ST. LOUIS, MO 63101
(314) 241-6300
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MISSOURI CERT. OF AUTHORITY: 001528

CROSS SECTIONS
ROUTE 100
SHEET 205 OF 473

REV.

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THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY

STATE OF MISSOURI
JOHN R. LANDECK
NUMBER PE-2013032918
PROFESSIONAL ENGINEER

DATE PREPARED
3/30/2021

ROUTE	STATE
100	MO
DISTRICT	SHEET NO.
SL	206

COUNTY
ST. LOUIS

JOB NO.
J6S1718, B, & C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

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

REV.	DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

MoDOT

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
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MISSOURI CERT. OF AUTHORITY: 001538

CROSS SECTIONS
ROUTE 100
SHEET 206 OF 473

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THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY

STATE OF MISSOURI
JOHN R. LANDECK
NUMBER PE-2013032918
PROFESSIONAL ENGINEER

DATE PREPARED
3/30/2021

ROUTE	STATE
100	MO
DISTRICT	SHEET NO.
SL	207

COUNTY
ST. LOUIS

JOB NO.
J6S1718, B, & C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

REV.	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)

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www.twm-inc.com
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CROSS SECTIONS
ROUTE 100
SHEET 207 OF 473

P:\2016\160347\4 CADD - DWG\4.7 Tran\03_Preliminary Design\Sheets\XSections\128-215_XS_03_J6S1718.dgn 4:54:22 PM 3/30/2021

193+77.00

TEMP. ESM'T.
PERM. ESM'T.
EL 577.99
OFF -37.0'
13.81%
EXIST. R/W
EL 576.89
OFF -29.0'
1.00%
EL 576.83
OFF -22.5'
EL 576.99
OFF -20.0'
1.50%
EL 577.29
OFF 0.0'
1.50%
EL 576.93
OFF 24.0'
1.09%
EXIST. R/W
EL 577.01
OFF 31.0'
PERM. ESM'T.
8.42%
EL 576.55
OFF 36.5'
TEMP. ESM'T.
PROP. STORM SEWER
ATT LINE
GAS LINE
MCI FO
MODOT ITS
SAN. LINE
WATER LINE
SAN. LINE
ATT LINE
COMMERCIAL ENT.

193+50.00

TEMP. ESM'T.
PERM. ESM'T.
EL 577.40
OFF -37.0'
EXIST. R/W
EL 576.39
OFF -29.0'
1.00%
EL 576.32
OFF -22.5'
EL 576.49
OFF -20.0'
1.50%
EL 576.79
OFF 0.0'
1.50%
EL 576.45
OFF 22.7'
EL 576.50
OFF 26.2'
EL 576.49
OFF 26.9'
EL 576.50
OFF 29.1'
EXIST. R/W
EL 576.25
OFF 29.6'
PERM. ESM'T.
1.15%
EL 576.18
OFF 35.1'
TEMP. ESM'T.
PROP. STORM SEWER
ATT LINE
GAS LINE
GAS LINE
MCI FO
MODOT ITS
SAN. LINE
WATER LINE
SAN. LINE
ATT LINE

193+37.00

TEMP. ESM'T.
PERM. ESM'T.
EL 576.94
OFF -37.0'
10.28%
EXIST. R/W
EL 576.14
OFF -29.0'
1.00%
EL 576.08
OFF -22.5'
EL 576.24
OFF -20.0'
1.50%
EL 576.54
OFF 0.0'
1.50%
EL 576.21
OFF 22.2'
EL 576.18
OFF 22.7'
1.02%
EL 576.25
OFF 29.3'
EXIST. R/W
PERM. ESM'T.
3.47%
EL 576.05
OFF 35.0'
TEMP. ESM'T.
PROP. STORM SEWER
ATT LINE
GAS LINE
MCI FO
MODOT ITS
SAN. LINE
WATER LINE
SAN. LINE
ATT LINE
COMMERCIAL ENT.
5'

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

590 585 580 575 570 565

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STATE OF MISSOURI
JOHN R. LANDECK
NUMBER PE-2013032918
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY

DATE PREPARED
3/30/2021

ROUTE	STATE
100	MO
DISTRICT	SHEET NO.
SL	208

COUNTY
ST. LOUIS

JOB NO.
J6S1718, B, & C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

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

REV.	DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

TWM
ENGINEERING
GEOSPATIAL SERVICES
720 OLIVE STREET, SUITE 200A
ST. LOUIS, MO 63101
(314) 241-6300
www.twm-inc.com
MISSOURI CERT. OF AUTHORITY: 001528

CROSS SECTIONS
ROUTE 100
SHEET 208 OF 473

STATE OF MISSOURI
JOHN R. LANDECK
NUMBER PE-2013032918
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY

DATE PREPARED
3/30/2021

ROUTE	STATE
100	MO
DISTRICT	SHEET NO.
SL	209

COUNTY
ST. LOUIS

JOB NO.
J6S1718, B, & C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

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

REV.	DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

TWM
ENGINEERING
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720 OLIVE STREET, SUITE 200A
ST. LOUIS, MO 63101
(314) 241-6300
www.twm-inc.com
MISSOURI CERT. OF AUTHORITY: 001538

CROSS SECTIONS
ROUTE 100
SHEET 209 OF 473

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STATE OF MISSOURI
JOHN R. LANDECK
NUMBER PE-2013032918
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY

DATE PREPARED
3/30/2021

ROUTE	STATE
100	MO
DISTRICT	SHEET NO.
SL	210

COUNTY
ST. LOUIS

JOB NO.
J6S1718, B, & C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

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

REV.	DESCRIPTION	DATE
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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
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CROSS SECTIONS
ROUTE 100
SHEET 210 OF 473

JOHN R. LANDECK
NUMBER PE-2013032918
STATE OF MISSOURI
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY

DATE PREPARED
3/30/2021

ROUTE	STATE
100	MO

DISTRICT	SHEET NO.
SL	211

COUNTY
ST. LOUIS

JOB NO.
J6S1718, B, & C

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

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

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CROSS SECTIONS

ROUTE 100

SHEET 211 OF 473

REV.

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STATE OF MISSOURI
JOHN R. LANDECK
NUMBER PE-2013032918
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY

DATE PREPARED
3/30/2021

ROUTE	STATE
100	MO

DISTRICT	SHEET NO.
SL	212

COUNTY
ST. LOUIS

JOB NO.
J6S1718, B, & C

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

MoDOT

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CROSS SECTIONS
ROUTE 100
SHEET 212 OF 473

REV.

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THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY

STATE OF MISSOURI
JOHN R. LANDECK
NUMBER PE-2013032918
PROFESSIONAL ENGINEER

DATE PREPARED
3/30/2021

ROUTE	STATE
100	MO
DISTRICT	SHEET NO.
SL	213

COUNTY
ST. LOUIS

JOB NO.
J6S1718, B, & C

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

MoDOT

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

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GEOSPATIAL SERVICES
720 OLIVE STREET, SUITE 200A
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(314) 241-6300
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MISSOURI CERT. OF AUTHORITY: 001528

CROSS SECTIONS
ROUTE 100
SHEET 213 OF 473

REV.

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JOHN R. LANDECK
NUMBER PE-2013032918
STATE OF MISSOURI
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY

DATE PREPARED
3/30/2021

ROUTE	STATE
100	MO

DISTRICT	SHEET NO.
SL	214

COUNTY
ST. LOUIS

JOB NO.
J6S1718, B, & C

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)

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GEOSPATIAL SERVICES
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ST. LOUIS, MO 63101
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MISSOURI CERT. OF AUTHORITY: 001528

CROSS SECTIONS
ROUTE 100
SHEET 214 OF 473

REV.

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STATE OF MISSOURI
JOHN R. LANDECK
NUMBER PE-2013032918
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY

DATE PREPARED
3/30/2021

ROUTE	STATE
100	MO

DISTRICT	SHEET NO.
SL	215

COUNTY
ST. LOUIS

JOB NO.
J6S1718, B, & C

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

MoDOT

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
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GEOSPATIAL SERVICES
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MISSOURI CERT. OF AUTHORITY: 001528

CROSS SECTIONS

ROUTE 100

SHEET 215 OF 473

REV.

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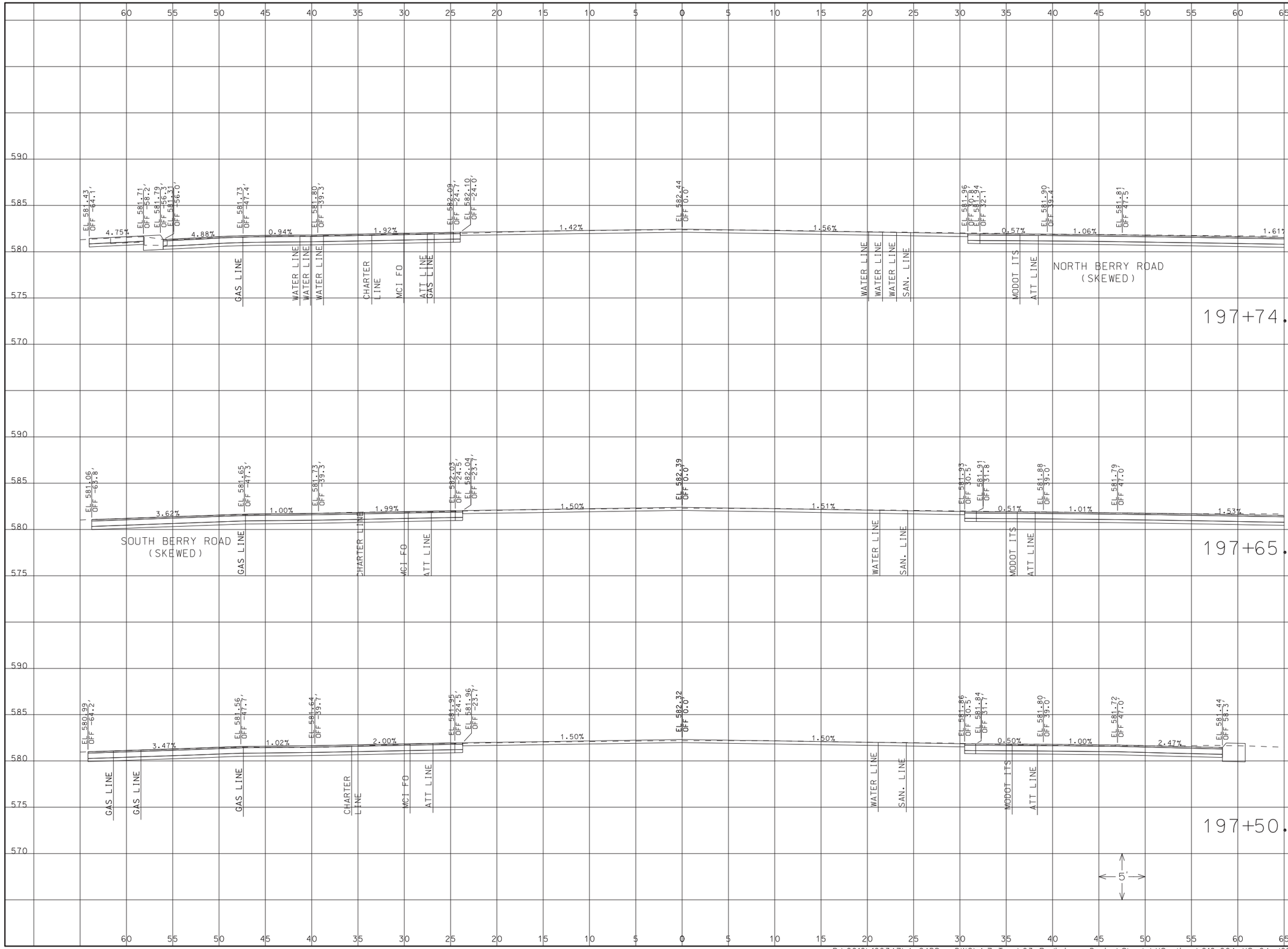

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

STATE OF MISSOURI
JOHN R. LANDECK
NUMBER PE-2013032918
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY

DATE PREPARED
3/30/2021

ROUTE	STATE
100	MO
DISTRICT	SHEET NO.
SL	216

COUNTY
ST. LOUIS

JOB NO.
J6S1718, B, & C

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)

MoDOT

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CROSS SECTIONS
ROUTE 100
SHEET 216 OF 473

REV.

P:\2016\160347\4 CADD - DWG\4.7 Tran\03_Preliminary Design\Sheets\XSections\216-264_XS_04_J6S1718.dgn 4:55:36 PM 3/30/2021

198+70.00

198+50.00

198+00.00

COMMERCIAL ENT.

TEMP. ESM'T.

EXIST. R/W

EL 582.53 OFF 36.9

EL 582.49 OFF 25.4

EL 582.34 OFF -21.9

EL 582.37 OFF -20.0

EL 582.65 OFF -1.1

EL 582.67 OFF 0.0

EL 582.51 OFF 10.4

EL 582.25 OFF 28.0

EL 582.20 OFF 31.8

EL 582.68 OFF 36.0

EL 582.73 OFF 41.0

1.00%

4.00%

1.50%

7.50%

1.50%

1.00%

GAS LINE

CHARTER LINE

MCI FO

TELE. LINE

GAS LINE

WATER LINE

SAN. LINE

MODOT ITS

ATT LINE

PERM. ESM'T.

EL 582.40 OFF -39.4

EL 582.54 OFF -36.8

EL 582.55 OFF -26.6

EL 582.45 OFF -29.0

EL 582.18 OFF -24.4

EL 582.19 OFF -23.7

EL 582.47 OFF -4.4

EL 582.54 OFF 0.0

EL 582.43 OFF 7.1

EL 582.09 OFF 29.8

EL 582.05 OFF 33.2

EL 582.47 OFF 38.6

EL 582.59 OFF 45.4

0.04%

2.68%

1.50%

1.50%

4.50%

1.50%

1.76%

GAS LINE

CHARTER LINE

MCI FO

ATT LINE

GAS LINE

ATT LINE

WATER LINE

SAN. LINE

MODOT ITS

ATT LINE

EXIST. R/W

PERM. ESM'T.

TEMP. ESM'T.

5'

595

590

585

580

575

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

STATE OF MISSOURI
JOHN R. LANDECK
NUMBER PE-2013032918
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY

DATE PREPARED
3/30/2021

ROUTE	STATE
100	MO
DISTRICT	SHEET NO.
SL	217

COUNTY
ST. LOUIS

JOB NO.
J6S1718, B, & C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

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

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

TWM
ENGINEERING
GEOSPATIAL SERVICES
720 OLIVE STREET, SUITE 200A
ST. LOUIS, MO 63101
(314) 241-6300
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MISSOURI CERT. OF AUTHORITY: 001538

CROSS SECTIONS

ROUTE 100

SHEET 217 OF 473

REV.

P:\2016\160347\4 CADD - DWG\4.7 Tran\03_Preliminary Design\Sheets\XSections\216-264_XS_04_J6S1718.dgn 4:55:37 PM 3/30/2021

STATE OF MISSOURI
JOHN R. LANDECK
NUMBER PE-2013032918
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY

DATE PREPARED
3/30/2021

ROUTE	STATE
100	MO
DISTRICT	SHEET NO.
SL	218

COUNTY
ST. LOUIS

JOB NO.
J6S1718, B, & C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

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

REV.	DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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CROSS SECTIONS
ROUTE 100
SHEET 218 OF 473

P:\2016\160347\4 CADD - DWG\4.7 Tran\03_Preliminary Design\Sheets\XSections\216-264_XS_04_J6S1718.dgn 4:55:38 PM 3/30/2021

STATE OF MISSOURI
JOHN R. LANDECK
NUMBER PE-2013032918
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY

DATE PREPARED
3/30/2021

ROUTE	STATE
100	MO
DISTRICT	SHEET NO.
SL	219

COUNTY
ST. LOUIS

JOB NO.
J6S1718, B, & C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

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

REV.	DESCRIPTION	DATE

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CROSS SECTIONS
ROUTE 100
SHEET 219 OF 473

P:\2016\160347\4 CADD - DWG\4.7 Tran\03_Preliminary Design\Sheets\XSections\216-264_XS_04_J6S1718.dgn 4:55:39 PM 3/30/2021

STATE OF MISSOURI
JOHN R. LANDECK
NUMBER PE-2013032918
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DATE PREPARED
3/30/2021

ROUTE	STATE
100	MO
DISTRICT	SHEET NO.
SL	220

COUNTY
ST. LOUIS

JOB NO.
J6S1718, B, & C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

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

REV.	DESCRIPTION	DATE

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CROSS SECTIONS
ROUTE 100
SHEET 220 OF 473

P:\2016\160347\4 CADD - DWG\4.7 Tran\03_Preliminary Design\Sheets\XSections\216-264_XS_04_J6S1718.dgn 4:55:39 PM 3/30/2021

STATE OF MISSOURI
JOHN R. LANDECK
NUMBER PE-2013032918
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THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY

DATE PREPARED
3/30/2021

ROUTE	STATE
100	MO

DISTRICT	SHEET NO.
SL	221

COUNTY
ST. LOUIS

JOB NO.
J6S1718, B, & C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

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

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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CROSS SECTIONS

ROUTE 100

SHEET 221 OF 473

REV.

P:\2016\160347\4 CADD - DWG\4.7 Tran\03_Preliminary Design\Sheets\XSections\216-264_XS_04_J6S1718.dgn 4:55:40 PM 3/30/2021

STATE OF MISSOURI
JOHN R. LANDECK
NUMBER PE-2013032918
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DATE PREPARED
3/30/2021

ROUTE	STATE
100	MO
DISTRICT	SHEET NO.
SL	222

COUNTY
ST. LOUIS

JOB NO.
J6S1718, B, & C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

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

REV.	DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
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CROSS SECTIONS

ROUTE 100

SHEET 222 OF 473

P:\2016\160347\4 CADD - DWG\4.7 Tran\03_Preliminary Design\Sheets\XSections\216-264_XS_04_J6S1718.dgn 4:55:41 PM 3/30/2021

STATE OF MISSOURI
JOHN R. LANDECK
NUMBER PE-2013032918
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY

DATE PREPARED
3/30/2021

ROUTE	STATE
100	MO
DISTRICT	SHEET NO.
SL	223

COUNTY
ST. LOUIS

JOB NO.
J6S1718, B, & C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

REV.	DESCRIPTION	DATE

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CROSS SECTIONS
ROUTE 100
SHEET 223 OF 473

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

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JOHN R. LANDECK
NUMBER PE-2013032918
STATE OF MISSOURI
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THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY

DATE PREPARED
3/30/2021

ROUTE	STATE
100	MO
DISTRICT	SHEET NO.
SL	224

COUNTY
ST. LOUIS

JOB NO.
J6S1718, B, & C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

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

REV.	DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
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CROSS SECTIONS
ROUTE 100
SHEET 224 OF 473

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DATE PREPARED
3/30/2021

ROUTE	STATE
100	MO
DISTRICT	SHEET NO.
SL	225

COUNTY
ST. LOUIS

JOB NO.
J6S1718, B, & C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

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

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

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CROSS SECTIONS

ROUTE 100

SHEET 225 OF 473

REV.

P:\2016\160347\4 CADD - DWG\4.7 Tran\03_Preliminary Design\Sheets\XSections\216-264_XS_04_J6S1718.dgn 4:55:44 PM 3/30/2021

206+00.00

205+50.00

TEMP. ESM'T.
EL 573.53
OFF -30.0'
EXIST. R/W
EL 574.58
OFF -29.5'
EL 574.52
OFF -23.5'
EL 574.02
OFF -23.0'
EL 574.08
OFF -19.5'
EL 574.37
OFF 0.0'
EL 573.95
OFF 28.0'
EL 573.93
OFF 29.0'
EXIST. R/W
EL 574.43
OFF 29.5'
EL 574.49
OFF 35.5'
PERM. ESM'T.
TEMP. ESM'T.
1.00%
1.50%
1.50%
1.00%
MCI FO
GAS LINE
ATT LINE
PROP. STORM SEWER LINE
WATER LINE
PROP. STORM SEWER
MODOT ITS
ATT LINE
CHARTER LINE

EL 572.90
OFF -45.5'
11.55%
EL 574.69
OFF -30.0'
EL 574.76
OFF -23.0'
EL 574.81
OFF -19.5'
EL 575.10
OFF 0.0'
EL 574.68
OFF 28.0'
EL 574.67
OFF 29.0'
EXIST. R/W
EL 575.17
OFF 29.5'
EL 575.23
OFF 35.5'
5'

P:\2016\160347\4 CADD - DWG\4.7 Tran\03_Preliminary Design\Sheets\XSections\216-264_XS_04_J6S1718.dgn 4:55:44 PM 3/30/2021

STATE OF MISSOURI
JOHN R. LANDECK
NUMBER PE-2013032918
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY

DATE PREPARED
3/30/2021

ROUTE	STATE
100	MO
DISTRICT	SHEET NO.
SL	226

COUNTY
ST. LOUIS

JOB NO.
J6S1718, B, & C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

REV.	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)

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MISSOURI CERT. OF AUTHORITY: 001538

CROSS SECTIONS
ROUTE 100
SHEET 226 OF 473

207+00.00

206+84.00

206+50.00

COMMERCIAL ENT.

MCI FO

GAS LINE

ATT LINE

PROP. STORM SEWER LINE

WATER LINE

PROP. STORM SEWER

MODOT ITS

CHARTER LINE

TEMP. ESM'T.

PERM. ESM'T.

EXIST. R/W

1.00%

1.50%

1.47%

4.34%

5.23%

5'

STATE OF MISSOURI
JOHN R. LANDECK
NUMBER PE-2013032918
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY

DATE PREPARED
3/30/2021

ROUTE	STATE
100	MO

DISTRICT	SHEET NO.
SL	227

COUNTY
ST. LOUIS

JOB NO.
J6S1718, B, & C

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
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CROSS SECTIONS

ROUTE 100

SHEET 227 OF 473

REV.

P:\2016\160347\4 CADD - DWG\4.7 Tran\03_Preliminary Design\Sheets\XSections\216-264_XS_04_J6S1718.dgn 4:55:45 PM 3/30/2021

JOHN R. LANDECK
NUMBER PE-2013032918
STATE OF MISSOURI
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY

DATE PREPARED
3/30/2021

ROUTE	STATE
100	MO
DISTRICT	SHEET NO.
SL	228

COUNTY
ST. LOUIS

JOB NO.
J6S1718, B, & C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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CROSS SECTIONS
ROUTE 100
SHEET 228 OF 473

REV.

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

P:\2016\160347\4 CADD - DWG\4.7 Tran\03_Preliminary Design\Sheets\XSections\216-264_XS_04_J6S1718.dgn 4:55:46 PM 3/30/2021

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

STATE OF MISSOURI
JOHN R. LANDECK
NUMBER PE-2013032918
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY

DATE PREPARED
3/30/2021

ROUTE	STATE
100	MO
DISTRICT	SHEET NO.
SL	229

COUNTY
ST. LOUIS

JOB NO.
J6S1718, B, & C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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CROSS SECTIONS
ROUTE 100
SHEET 229 OF 473

REV.

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

STATE OF MISSOURI
JOHN R. LANDECK
NUMBER PE-2013032918
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY

DATE PREPARED
3/30/2021

ROUTE	STATE
100	MO
DISTRICT	SHEET NO.
SL	230

COUNTY
ST. LOUIS

JOB NO.
J6S1718, B, & C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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MISSOURI CERT. OF AUTHORITY: 001538

CROSS SECTIONS
ROUTE 100
SHEET 230 OF 473

REV.

P:\2016\160347\4 CADD - DWG\4.7 Tran\03_Preliminary Design\Sheets\XSections\216-264_XS_04_J6S1718.dgn 4:55:48 PM 3/30/2021

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STATE OF MISSOURI
JOHN R. LANDECK
NUMBER PE-2013032918
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY

DATE PREPARED
3/30/2021

ROUTE	STATE
100	MO
DISTRICT	SHEET NO.
SL	231

COUNTY
ST. LOUIS

JOB NO.
J6S1718, B, & C

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

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CROSS SECTIONS

ROUTE 100

SHEET 231 OF 473

REV.

JOHN R. LANDECK
NUMBER PE-2013032918
STATE OF MISSOURI
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY

DATE PREPARED
3/30/2021

ROUTE	STATE
100	MO
DISTRICT	SHEET NO.
SL	232

COUNTY
ST. LOUIS

JOB NO.
J6S1718, B, & C

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

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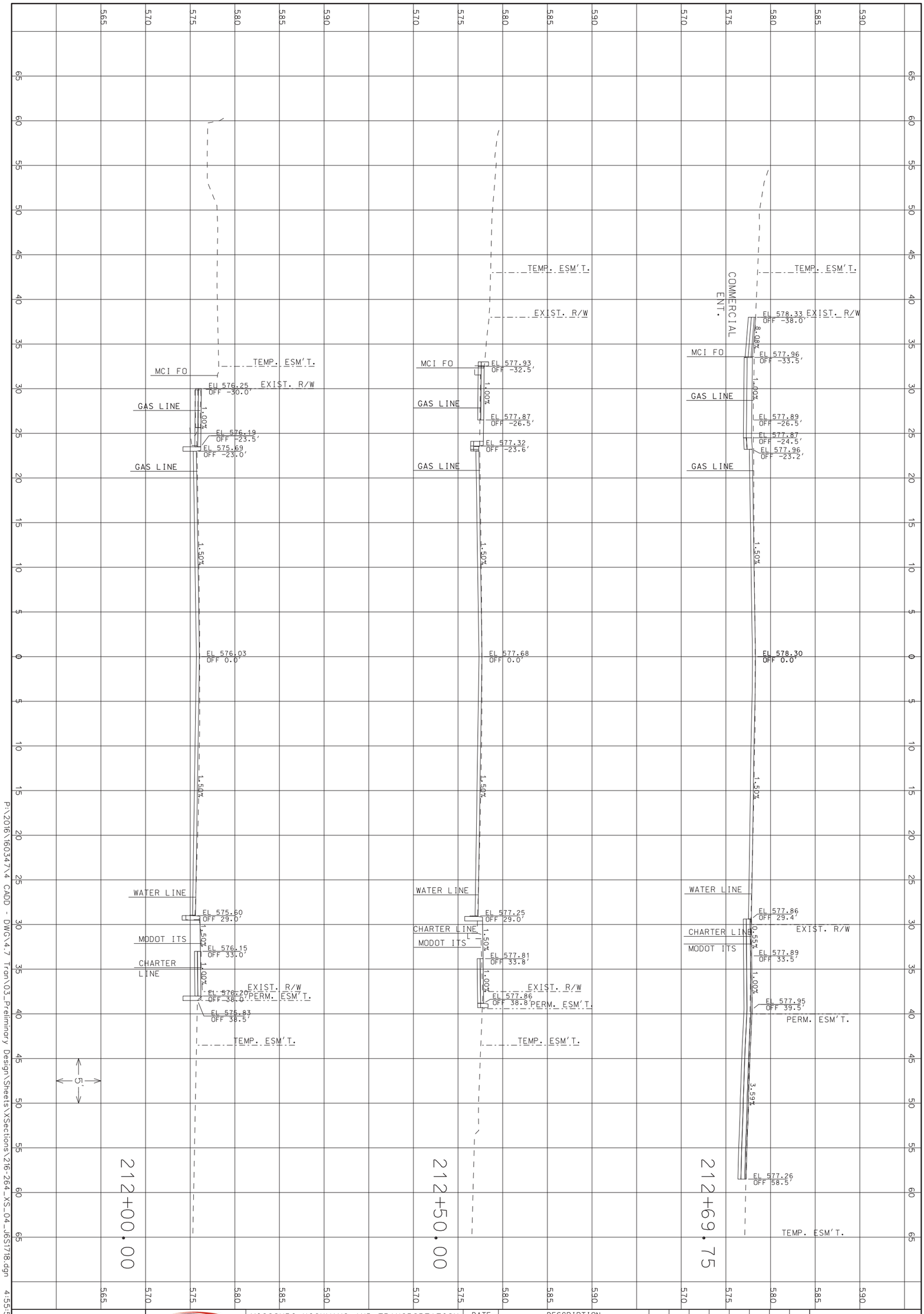
CROSS SECTIONS

ROUTE 100

SHEET 232 OF 473

REV.

P:\2016\160347\4 CADD - DWG\4.7 Tran\03_Preliminary Design\Sheets\XSections\216-264_XS_04_J6S1718.dgn 4:55:49 PM 3/30/2021



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CROSS SECTIONS

ROUTE 100

SHEET 233 OF 473

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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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1-888-ASK-MODOT (1-888-275-6636)

DATE	DESCRIPTION

BRIDGE NO.

PROJECT NO.

CONTRACT ID.

JOB NO. J6S1718, B, & C

COUNTY ST. LOUIS

DISTRICT SL

ROUTE 100

SHEET NO. 233

STATE MO

DATE PREPARED 3/30/2021

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY

STATE OF MISSOURI
JOHN R. LANDECK
NUMBER PE-2013032918
PROFESSIONAL ENGINEER

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

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STATE OF MISSOURI
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NUMBER PE-2013032918
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY

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3/30/2021

ROUTE	STATE
100	MO
DISTRICT	SHEET NO.
SL	234

COUNTY
ST. LOUIS

JOB NO.
J6S1718, B, & C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

REV.	DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

TWM
ENGINEERING
GEOSPATIAL SERVICES
720 OLIVE STREET, SUITE 200A
ST. LOUIS, MO 63101
(314) 241-6300
www.twm-inc.com
MISSOURI CERT. OF AUTHORITY: 001538

CROSS SECTIONS
ROUTE 100
SHEET 234 OF 473

P:\2016\160347\4 CADD - DWG\4.7 Tran\03_Preliminary Design\Sheets\XSections\216-264_XS_04_J6S1718.dgn 4:55:51 PM 3/30/2021

214+50.00

214+04.50

214+00.00

TEMP. ESM'T.
EXIST. R/W
MCI FO
GAS LINE
GAS LINE
SAN. LINE
WATER LINE
MODOT ITS
CHARTER LINE
COMMERCIAL ENT.

EL 580.84' OFF -32.6'
EL 580.47' OFF -30.8'
EL 580.41' OFF -24.8'
EL 580.07' OFF -21.8'
EL 580.40' OFF 0.0'
EL 580.04' OFF 24.1'
EL 580.37' OFF 27.1'
EL 580.43' OFF 33.4'
EL 580.54' OFF 34.2'

EL 580.16' OFF -38.0'
EL 580.05' OFF -32.3'
EL 579.98' OFF -24.8'
EL 580.15' OFF -22.3'
EL 580.48' OFF 0.0'
EL 580.10' OFF 25.4'
EL 580.43' OFF 28.4'
EL 580.49' OFF 34.4'
EL 580.51' OFF 36.2'

EL 580.16' OFF -38.0'
EL 580.04' OFF -32.3'
EL 579.97' OFF -24.8'
EL 580.13' OFF -22.3'
EL 580.47' OFF 0.0'
EL 580.09' OFF 25.5'
EL 580.42' OFF 28.3'
EL 580.48' OFF 34.3'

1.93% 1.00% 1.50% 1.50% 1.00%

2.11% 0.99% 1.50% 1.49% 1.00%

5'

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

STATE OF MISSOURI
JOHN R. LANDECK
NUMBER PE-2013032918
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY

DATE PREPARED
3/30/2021

ROUTE	STATE
100	MO
DISTRICT	SHEET NO.
SL	235

COUNTY
ST. LOUIS

JOB NO.
J6S1718, B, & C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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CROSS SECTIONS
ROUTE 100
SHEET 235 OF 473

REV.

P:\2016\160347\4 CADD - DWG\4.7 Tran\03_Preliminary Design\Sheets\XSections\216-264_XS_04_J6S1718.dgn 4:55:52 PM 3/30/2021

215+50.00

EXIST. R/W
GAS LINE
GAS LINE
SAN. LINE
MCI FO
EL 578.68' OFF 20.6'
EL 578.98 OFF 0.0
1.50%
1.50%
EL 578.66' OFF 21.4'
EL 579.00' OFF 24.4'
EL 579.04' OFF 27.0'
WATER LINE
MODOT ITS
EXIST. R/W
1.00%
EL 579.09' OFF 32.0'
PERM. ESM'T.
EL 579.29' OFF 36.6'
TEMP. ESM'T.

215+47.00

EXIST. COMMERCIAL ENT.
EXIST. R/W
GAS LINE
GAS LINE
SAN. LINE
MCI FO
EL 578.73' OFF 20.6'
EL 579.04 OFF 0.0
1.50%
1.50%
EL 578.71' OFF 21.5'
EL 579.05' OFF 24.5'
EL 579.09' OFF 27.0'
WATER LINE
MODOT ITS
EXIST. R/W
1.00%
EL 579.14' OFF 32.0'
PERM. ESM'T.
EL 579.34' OFF 34.1'
TEMP. ESM'T.

215+00.00

TEMP. ESM'T.
EXIST. R/W
EL 580.10' OFF -31.1'
EL 579.91' OFF -30.2'
GAS LINE
GAS LINE
MCI FO
SAN. LINE
EL 579.85' OFF -24.2'
EL 579.51' OFF -21.2'
1.00%
1.50%
EL 579.83 OFF 0.0
1.49%
EL 579.49' OFF 22.7'
EL 579.82' OFF 27.0'
EL 579.84' OFF 27.0'
WATER LINE
MODOT ITS
1.00%
EL 579.89' OFF 32.0'
EL 580.24' OFF 35.5'
EXIST. R/W
TEMP. ESM'T.
5'

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

590 585 580 575 570 595

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STATE OF MISSOURI
JOHN R. LANDECK
NUMBER PE-2013032918
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY

DATE PREPARED
3/30/2021

ROUTE	STATE
100	MO
DISTRICT	SHEET NO.
SL	236

COUNTY
ST. LOUIS

JOB NO.
J6S1718, B, & C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

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

REV.	DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

MoDOT

TWM
ENGINEERING
GEOSPATIAL SERVICES
720 OLIVE STREET, SUITE 200A
ST. LOUIS, MO 63101
(314) 241-6300
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MISSOURI CERT. OF AUTHORITY: 001528

CROSS SECTIONS
ROUTE 100
SHEET 236 OF 473

STATE OF MISSOURI
JOHN R. LANDECK
NUMBER PE-2013032918
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY

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ROUTE	STATE
100	MO
DISTRICT	SHEET NO.
SL	237

COUNTY
ST. LOUIS

JOB NO.
J6S1718, B, & C

CONTRACT ID.

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CROSS SECTIONS
ROUTE 100
SHEET 237 OF 473

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STATE OF MISSOURI
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ROUTE	STATE
100	MO
DISTRICT	SHEET NO.
SL	238

COUNTY
ST. LOUIS

JOB NO.
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CONTRACT ID.

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BRIDGE NO.

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CROSS SECTIONS
ROUTE 100
SHEET 238 OF 473

JOHN R. LANDECK
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100	MO
DISTRICT	SHEET NO.
SL	239

COUNTY
ST. LOUIS

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ROUTE 100
SHEET 239 OF 473

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

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218+50.00

EXIST. R/W
EXIST. R/W
EX. STORM
MCI FO
AMEREN LINE
GAS LINE
SAN. LINE
GAS LINE
WATER LINE
MODOT ITS
EXIST. R/W
PERM. ESM'T.
TEMP. ESM'T.
EL 574.57 OFF -29.1'
EL 574.48 OFF -21.9'
EL 574.80 OFF 0.0'
EL 574.50 OFF 20.0'
EL 574.84 OFF 23.0'
EL 574.90 OFF 27.0'
EL 574.95 OFF 32.0'
EL 575.09 OFF 33.5'
1.01%
1.50%
1.50%
1.00%

218+25.62

SOUTH ANDREW DRIVE
(SKEWED)
EL 575.73 OFF -46.8'
EL 574.67 OFF -29.2'
EL 574.60 OFF -22.2'
EL 574.93 OFF 0.0'
EL 574.63 OFF 20.0'
EL 574.96 OFF 23.0'
EL 575.08 OFF 27.0'
EL 575.07 OFF 32.0'
EL 575.17 OFF 32.9'
6.02%
1.01%
1.46%
1.50%
1.50%
1.00%
PROP. STORM SEWER
AMEREN LINE
EX. STORM
MCI FO
GAS LINE
SAN. LINE
GAS LINE
WATER LINE
MODOT ITS
EXIST. R/W
PERM. ESM'T.
TEMP. ESM'T.

218+00.00

TEMP. ESM'T.
EXIST. R/W
EL 575.92 OFF -46.4'
EL 574.78 OFF -29.0'
EL 574.76 OFF -22.5'
EL 575.10 OFF 0.0'
EL 574.80 OFF 20.0'
EL 574.63 OFF 22.5'
EL 575.19 OFF 27.0'
EL 575.24 OFF 32.0'
EL 575.32 OFF 32.7'
1.27%
1.50%
1.50%
1.50%
1.00%
PROP. STORM SEWER
EX. STORM
MCI FO
GAS LINE
GAS LINE
SAN. LINE
AMEREN LINE
WATER LINE
MODOT ITS
EXIST. R/W
PERM. ESM'T.
TEMP. ESM'T.

5'

STATE OF MISSOURI
JOHN R. LANDECK
NUMBER PE-2013032918
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY

DATE PREPARED
3/30/2021

ROUTE	STATE
100	MO
DISTRICT	SHEET NO.
SL	240

COUNTY
ST. LOUIS

JOB NO.
J6S1718, B, & C

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)

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720 OLIVE STREET, SUITE 200A
ST. LOUIS, MO 63101
(314) 241-6300
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MISSOURI CERT. OF AUTHORITY: 001538

CROSS SECTIONS
ROUTE 100
SHEET 240 OF 473

REV.

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STATE OF MISSOURI
JOHN R. LANDECK
NUMBER PE-2013032918
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY

DATE PREPARED
3/30/2021

ROUTE	STATE
100	MO

DISTRICT	SHEET NO.
SL	241

COUNTY
ST. LOUIS

JOB NO.
J6S1718, B, & C

CONTRACT ID.

PROJECT NO.

BRIDGE 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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ST. LOUIS, MO 63101
(314) 241-6300
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MISSOURI CERT. OF AUTHORITY: 001528

CROSS SECTIONS
ROUTE 100
SHEET 241 OF 473

P:\2016\160347\4 CADD - DWG\4.7 Tran\03_Preliminary Design\Sheets\XSections\216-264_XS_04_J6S1718.dgn 4:55:57 PM 3/30/2021

STATE OF MISSOURI
JOHN R. LANDECK
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PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY

DATE PREPARED
3/30/2021

ROUTE	STATE
100	MO
DISTRICT	SHEET NO.
SL	242

COUNTY
ST. LOUIS

JOB NO.
J6S1718, B, & C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

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

DESCRIPTION	DATE

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CROSS SECTIONS
ROUTE 100
SHEET 242 OF 473

REV.

P:\2016\160347\4 CADD - DWG\4.7 Tran\03_Preliminary Design\Sheets\XSections\216-264_XS_04_J6S1718.dgn 4:55:58 PM 3/30/2021

JOHN R. LANDECK
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STATE OF MISSOURI
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY

DATE PREPARED
3/30/2021

ROUTE	STATE
100	MO
DISTRICT	SHEET NO.
SL	243

COUNTY
ST. LOUIS

JOB NO.
J6S1718, B, & C

CONTRACT ID.

PROJECT NO.

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CROSS SECTIONS
ROUTE 100
SHEET 243 OF 473

P:\2016\160347\4 CADD - DWG\4.7 Tran\03_Preliminary Design\Sheets\XSections\216-264_XS_04_J6S1718.dgn 4:55:58 PM 3/30/2021

JOHN R. LANDECK
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STATE OF MISSOURI
PROFESSIONAL ENGINEER

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DATE PREPARED
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ROUTE	STATE
100	MO
DISTRICT	SHEET NO.
SL	244

COUNTY
ST. LOUIS

JOB NO.
J6S1718, B, & C

CONTRACT ID.

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CROSS SECTIONS
ROUTE 100
SHEET 244 OF 473

REV.

P:\2016\160347\4 CADD - DWG\4.7 Tran\03_Preliminary Design\Sheets\XSections\216-264_XS_04_J6S1718.dgn 4:55:59 PM 3/30/2021

223+32.15

SAPPINGTON ROAD
(SKEWED)

EL 572.81
OFF -61.5'
4.81%
EL 572.42
OFF -53.4'
1.54%
EL 572.14
OFF -39.2'
EL 572.13
OFF -34.3'
0.41%
EL 572.25
OFF -4.9'
1.05%
EL 572.20
OFF 0.0'
1.11%
EL 571.95
OFF 22.6'
EL 571.94
OFF 24.1'
2.65%
EL 572.29
OFF 37.3'
1.26%
EL 572.37
OFF 43.6'
1.89%
EL 572.30
OFF 47.3'
2.28%
EL 572.12
OFF 55.2'

TEMP. ESM'T.
PERM. ESM'T.
EXIST. R/W
MODOT ITS
ATT LINE
AMEREN LINE
GAS LINE
SAN. LINE
WATER LINE
EXIST. R/W
TEMP. ESM'T.

223+00.00

EL 572.47
OFF -46.7'
1.22%
EL 572.22
OFF -36.3'
EL 572.22
OFF -33.5'
1.50%
EL 572.61
OFF -7.8'
1.50%
EL 572.49
OFF 0.0'
1.50%
EL 572.17
OFF 21.7'
EL 572.16
OFF 22.8'
4.32 %
EL 572.45
OFF 30.0'
0.73 %
EL 572.52
OFF 38.9'

MCI FO
GAS LINE
EX. STORM
ATT LINE
MODOT ITS
GAS LINE
AMEREN LINE
SAN. LINE
ATT LINE
WATER LINE
ATT LINE
GAS LINE
EXIST. R/W
PERM. ESM'T.
TEMP. ESM'T.

222+50.00

EL 572.39
OFF -45.5'
EL 573.15
OFF -45.0'
1.00%
EL 573.10
OFF -40.0'
1.50%
EL 573.03
OFF -35.0'
EL 572.93
OFF -34.5'
EL 572.54
OFF -33.5'
1.50%
EL 572.86
OFF -14.0'
EL 572.80
OFF -13.0'
EL 572.91
OFF -9.0'
EL 572.89
OFF -8.0'
1.50%
EL 572.78
OFF 0.0'
1.50%
EL 572.45
OFF 21.5'
EL 572.44
OFF 22.5'
1.00%
EL 573.00
OFF 29.0'
EL 572.21
OFF 30.5'
3.70 %
EL 571.53
OFF 48.8'

GAS LINE
MCI FO
EX. STORM
GAS LINE
SAN. LINE
AMEREN LINE
WATER LINE
GAS LINE
MODOT ITS
EXIST. R/W
TEMP. ESM'T.
PERM. ESM'T.
EXIST. R/W
TEMP. ESM'T.

5'

STATE OF MISSOURI
JOHN R. LANDECK
NUMBER PE-2013032918
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY

DATE PREPARED
3/30/2021

ROUTE	STATE
100	MO
DISTRICT	SHEET NO.
SL	245

COUNTY
ST. LOUIS

JOB NO.
J6S1718, B, & C

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
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MISSOURI CERT. OF AUTHORITY: 001538

CROSS SECTIONS
ROUTE 100
SHEET 245 OF 473

REV.

P:\2016\160347\4 CADD - DWG\4.7 Tran\03_Preliminary Design\Sheets\XSections\216-264_XS_04_J6S1718.dgn 4:56:00 PM 3/30/2021

JOHN R. LANDECK
NUMBER PE-2013032918
STATE OF MISSOURI
PROFESSIONAL ENGINEER

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ROUTE	STATE
100	MO
DISTRICT	SHEET NO.
SL	246

COUNTY
ST. LOUIS

JOB NO.
J6S1718, B, & C

CONTRACT ID.

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BRIDGE NO.

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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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CROSS SECTIONS

ROUTE 100

SHEET 246 OF 473

P:\2016\160347\4 CADD - DWG\4.7 Tran\03_Preliminary Design\Sheets\XSections\216-264_XS_04_J6S1718.dgn 4:56:01 PM 3/30/2021

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STATE OF MISSOURI
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ROUTE	STATE
100	MO
DISTRICT	SHEET NO.
SL	247

COUNTY
ST. LOUIS

JOB NO.
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CONTRACT ID.

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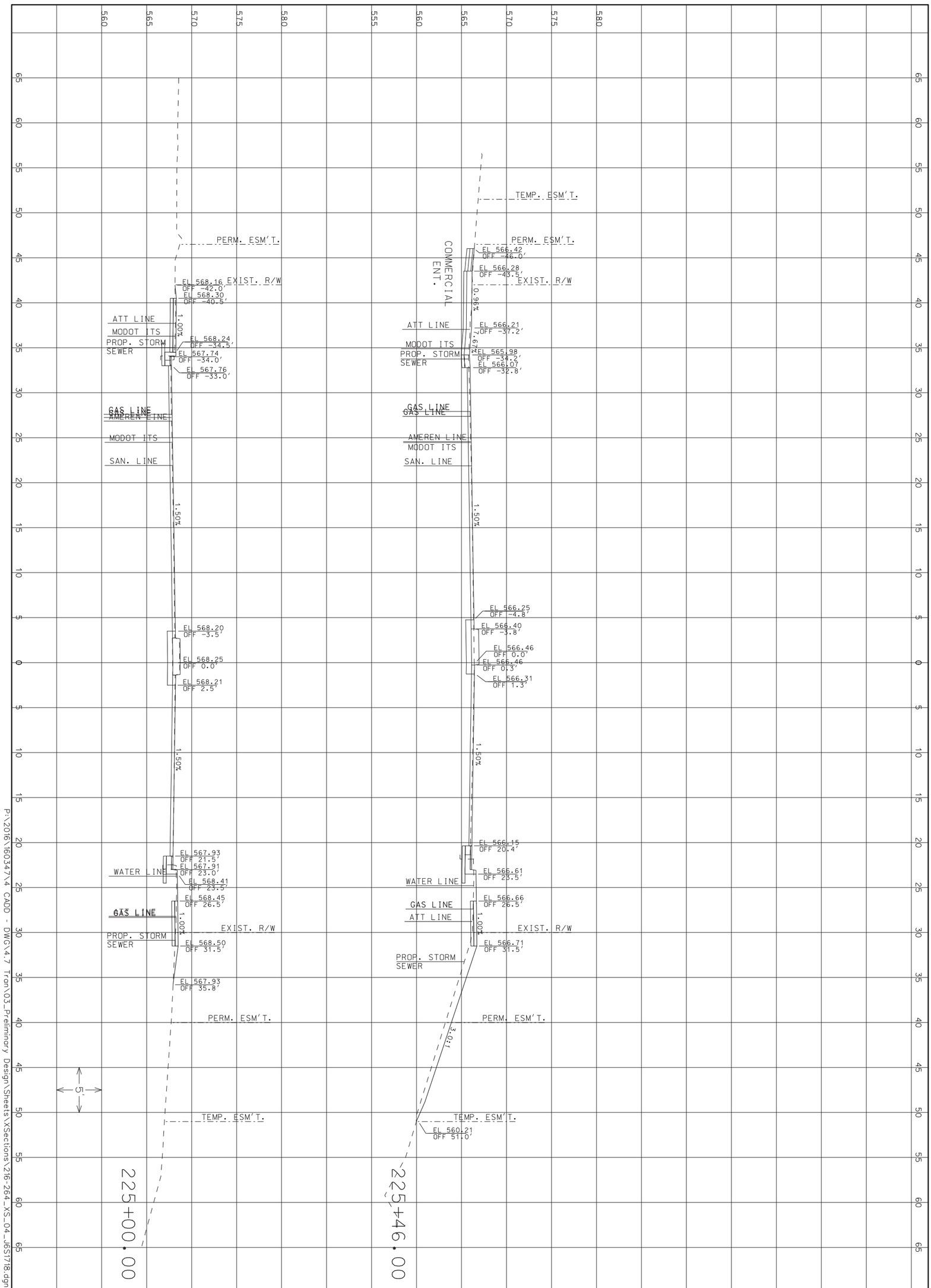
CROSS SECTIONS

ROUTE 100

SHEET 247 OF 473

REV.



CROSS SECTIONS

ROUTE 100

SHEET 248 OF 473

TWM
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720 OLIVE STREET, SUITE 200A
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MISSOURI CERT. OF AUTHORITY: 001528

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

MoDOT

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

DATE	DESCRIPTION

BRIDGE NO.

PROJECT NO.

CONTRACT ID. J6S1718.B.&.C

JOB NO.

COUNTY ST. LOUIS

DISTRICT SL | SHEET NO. 248

ROUTE 100 | STATE MO

DATE PREPARED 3/30/2021

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY

JOHN R. LANDECK NUMBER PE-2013030918 PROFESSIONAL ENGINEER STATE OF MISSOURI

REV.

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

P:\2016\16034.7\4 CADD - DWG\4.7 Tran\03_Preliminary Design\Sheets\XSections\216-264_XS_04_J6S1718.dgn 4:56:02 PM 3/30/2021

JOHN R. LANDECK
NUMBER PE-2013032918
STATE OF MISSOURI
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY

DATE PREPARED
3/30/2021

ROUTE	STATE
100	MO
DISTRICT	SHEET NO.
SL	249

COUNTY
ST. LOUIS

JOB NO.
J6S1718, B, & C

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

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JEFFERSON CITY, MO 65102
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MISSOURI CERT. OF AUTHORITY: 001538

CROSS SECTIONS

ROUTE 100

SHEET 249 OF 473

REV.

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STATE OF MISSOURI
JOHN R. LANDECK
NUMBER PE-2013032918
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY

DATE PREPARED
3/30/2021

ROUTE	STATE
100	MO

DISTRICT	SHEET NO.
SL	250

COUNTY
ST. LOUIS

JOB NO.
J6S1718, B, & C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

REV.	DESCRIPTION	DATE

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

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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CROSS SECTIONS

ROUTE 100

SHEET 250 OF 473

P:\2016\160347\4 CADD - DWG\4.7 Tran\03_Preliminary Design\Sheets\XSections\216-264_XS_04_J6S1718.dgn 4:56:04 PM 3/30/2021

JOHN R. LANDECK
NUMBER PE-2013032918
STATE OF MISSOURI
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY

DATE PREPARED
3/30/2021

ROUTE	STATE
100	MO
DISTRICT	SHEET NO.
SL	251

COUNTY
ST. LOUIS

JOB NO.
J6S1718, B, & C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

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

REV.	DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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CROSS SECTIONS

ROUTE 100

SHEET 251 OF 473

P:\2016\160347\4 CADD - DWG\4.7 Tran\03_Preliminary Design\Sheets\XSections\216-264_XS_04_J6S1718.dgn 4:56:05 PM 3/30/2021

STATE OF MISSOURI
JOHN R. LANDECK
NUMBER PE-2013032918
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY

DATE PREPARED
3/30/2021

ROUTE	STATE
100	MO
DISTRICT	SHEET NO.
SL	252

COUNTY
ST. LOUIS

JOB NO.
J6S1718, B, & C

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

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CROSS SECTIONS
ROUTE 100
SHEET 252 OF 473

REV.

P:\2016\160347\4 CADD - DWG\4.7 Tran\03_Preliminary Design\Sheets\XSections\216-264_XS_04_J6S1718.dgn 4:56:06 PM 3/30/2021

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY

JOHN R. LANDECK
NUMBER PE-2013032918
STATE OF MISSOURI
PROFESSIONAL ENGINEER

DATE PREPARED
3/30/2021

ROUTE	STATE
100	MO

DISTRICT	SHEET NO.
SL	253

COUNTY
ST. LOUIS

JOB NO.
J6S1718, B, & C

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

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

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MISSOURI CERT. OF AUTHORITY: 001528

CROSS SECTIONS
ROUTE 100
SHEET 253 OF 473

REV.

P:\2016\160347\4 CADD - DWG\4.7 Tran\03_Preliminary Design\Sheets\XSections\216-264_XS_04_J6S1718.dgn 4:56:07 PM 3/30/2021

JOHN R. LANDECK
NUMBER PE-2013032918
STATE OF MISSOURI
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY

DATE PREPARED
3/30/2021

ROUTE	STATE
100	MO

DISTRICT	SHEET NO.
SL	254

COUNTY
ST. LOUIS

JOB NO.
J6S1718, B, & C

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

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JEFFERSON CITY, MO 65102
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CROSS SECTIONS

ROUTE 100

SHEET 254 OF 473

REV.

P:\2016\160347\4 CADD - DWG\4.7 Tran\03_Preliminary Design\Sheets\XSections\216-264_XS_04_J6S1718.dgn 4:56:07 PM 3/30/2021

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY

JOHN R. LANDECK
NUMBER PE-2013032918
STATE OF MISSOURI
PROFESSIONAL ENGINEER

DATE PREPARED
3/30/2021

ROUTE	STATE
100	MO

DISTRICT	SHEET NO.
SL	255

COUNTY
ST. LOUIS

JOB NO.
J6S1718, B, & C

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

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CROSS SECTIONS

ROUTE 100

SHEET 255 OF 473

REV.

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JOHN R. LANDECK
NUMBER PE-2013032918
STATE OF MISSOURI
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY

DATE PREPARED
3/30/2021

ROUTE	STATE
100	MO
DISTRICT	SHEET NO.
SL	256

COUNTY
ST. LOUIS

JOB NO.
J6S1718, B, & C

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

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CROSS SECTIONS

ROUTE 100

SHEET 256 OF 473

REV.

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STATE OF MISSOURI
JOHN R. LANDECK
NUMBER PE-2013032918
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY

DATE PREPARED
3/30/2021

ROUTE	STATE
100	MO
DISTRICT	SHEET NO.
SL	257

COUNTY
ST. LOUIS

JOB NO.
J6S1718, B, & C

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
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CROSS SECTIONS

ROUTE 100

SHEET 257 OF 473

REV.

P:\2016\160347\4 CADD - DWG\4.7 Tran\03_Preliminary Design\Sheets\XSections\216-264_XS_04_J6S1718.dgn 4:56:10 PM 3/30/2021

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

565 560 555 550 545 540

TEMP. ESM'T.
EL 551.82
OFF -35.5'
SAN. LINE
3.13%
EXIST. R/W
EL 551.63
OFF -29.5'
MODOT ITS
AMEREN LINE
GAS LINE
1.00%
EL 551.56
OFF -22.5'
MODOT ITS
EL 551.73
OFF -20.0'
1.50%
EL 552.03
OFF 0.0'
1.50%
EL 551.73
OFF 20.0'
GAS LINE
EL 552.06
OFF 23.0'
WATER LINE
EL 552.11
OFF 26.0'
SAN. LINE
ATT LINE
1.00%
EXIST. R/W
EL 552.16
OFF 31.0'
PROP. STORM
SEWER
EL 552.76
OFF 35.0'
PERM. ESM'T.
TEMP. ESM'T.

232+50.00

TEMP. ESM'T.
EL 551.38
OFF -35.5'
COMMERCIAL ENT.
1.28%
EXIST. R/W
EL 551.46
OFF -29.5'
MODOT ITS
SAN. LINE
AMEREN LINE
GAS LINE
1.00%
EL 551.39
OFF -22.5'
MODOT ITS
EL 551.56
OFF -20.0'
1.50%
EL 551.86
OFF 0.0'
1.50%
EL 551.56
OFF 20.0'
GAS LINE
EL 551.89
OFF 23.0'
WATER LINE
EL 551.93
OFF 26.0'
SAN. LINE
ATT LINE
1.00%
EXIST. R/W
EL 551.98
OFF 31.0'
PROP. STORM
SEWER
EL 552.45
OFF 35.0'
PERM. ESM'T.
TEMP. ESM'T.

232+37.00

5'

STATE OF MISSOURI
JOHN R. LANDECK
NUMBER PE-2013032918
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY

DATE PREPARED
3/30/2021

ROUTE	STATE
100	MO
DISTRICT	SHEET NO.
SL	258

COUNTY
ST. LOUIS

JOB NO.
J6S1718, B, & C

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)

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720 OLIVE STREET, SUITE 200A
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(314) 241-6300
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MISSOURI CERT. OF AUTHORITY: 001528

CROSS SECTIONS
ROUTE 100
SHEET 258 OF 473

REV.

P:\2016\160347\4 CADD - DWG\4.7 Tran\03_Preliminary Design\Sheets\XSections\216-264_XS_04_J6S1718.dgn 4:56:11 PM 3/30/2021

233+50.00

233+26.00

233+00.00

5'

JOHN R. LANDECK
NUMBER PE-2013032918
STATE OF MISSOURI
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY

DATE PREPARED
3/30/2021

ROUTE	STATE
100	MO
DISTRICT	SHEET NO.
SL	259

COUNTY
ST. LOUIS

JOB NO.
J6S1718, B, & C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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CROSS SECTIONS
ROUTE 100
SHEET 259 OF 473

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

REV.

P:\2016\160347\4 CADD - DWG\4.7 Tran\03_Preliminary Design\Sheets\XSections\216-264_XS_04_J6S1718.dgn 4:56:11 PM 3/30/2021

234+50.00

TEMP. ESM'T.
EL 555.02
OFF -30.3'
EXIST. R/W
EL 554.79
OFF -29.0'
EL 554.73
OFF -23.0'
EL 554.39
OFF -20.0'
EL 554.69
OFF 0.0'
EL 554.39
OFF 20.0'
EL 554.73
OFF 23.0'
EL 554.77
OFF 26.0'
EXIST. R/W
EL 554.82
OFF 31.0'
EL 554.72
OFF 31.5'
PERM. ESM'T.
TEMP. ESM'T.
1.00%
1.50%
1.50%
1.00%
MODOT ITS
AMEREN LINE
GAS LINE
MODOT ITS
GAS LINE
WATER LINE
ATT LINE
SAN. LINE

234+11.00

TEMP. ESM'T.
EL 554.40
OFF -30.4'
EXIST. R/W
EL 554.26
OFF -29.0'
EL 554.20
OFF -23.0'
EL 553.87
OFF -20.0'
EL 554.17
OFF 0.0'
EL 553.87
OFF 20.0'
EL 553.70
OFF 22.5'
EL 554.05
OFF 26.0'
EXIST. R/W
EL 554.10
OFF 31.5'
EL 554.29
OFF 33.2'
PERM. ESM'T.
TEMP. ESM'T.
1.00%
1.50%
1.50%
10.00%
1.00%
MODOT ITS
AMEREN LINE
GAS LINE
MODOT ITS
GAS LINE
WATER LINE
ATT LINE
SAN. LINE
COMMERCIAL ENT.

234+00.00

TEMP. ESM'T.
EL 554.34
OFF -30.4'
EXIST. R/W
EL 554.12
OFF -29.0'
EL 554.06
OFF -23.0'
EL 553.73
OFF -20.0'
EL 554.03
OFF 0.0'
EL 553.73
OFF 20.0'
EL 553.56
OFF 22.5'
EL 553.74
OFF 23.6'
EL 554.10
OFF 26.0'
EXIST. R/W
EL 554.15
OFF 31.0'
EL 554.00
OFF 31.5'
PERM. ESM'T.
TEMP. ESM'T.
1.00%
1.50%
1.50%
1.00%
MODOT ITS
AMEREN LINE
GAS LINE
MODOT ITS
GAS LINE
WATER LINE
ATT LINE
SAN. LINE

5'

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

565 560 555 550 545

STATE OF MISSOURI
JOHN R. LANDECK
NUMBER PE-2013032918
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY

DATE PREPARED
3/30/2021

ROUTE	STATE
100	MO
DISTRICT	SHEET NO.
SL	260

COUNTY
ST. LOUIS

JOB NO.
J6S1718, B, & C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

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

REV. | DESCRIPTION | DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

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ENGINEERING
GEOSPATIAL SERVICES
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ST. LOUIS, MO 63101
(314) 241-6300
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MISSOURI CERT. OF AUTHORITY: 001528

CROSS SECTIONS
ROUTE 100
SHEET 260 OF 473

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STATE OF MISSOURI
JOHN R. LANDECK
NUMBER PE-2013032918
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY

DATE PREPARED
3/30/2021

ROUTE	STATE
100	MO
DISTRICT	SHEET NO.
SL	261

COUNTY
ST. LOUIS

JOB NO.
J6S1718, B, & C

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
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CROSS SECTIONS

ROUTE 100

SHEET 261 OF 473

REV.

P:\2016\160347\4 CADD - DWG\4.7 Tran\03_Preliminary Design\Sheets\XSections\216-264_XS_04_J6S1718.dgn 4:56:13 PM 3/30/2021

JOHN R. LANDECK
NUMBER PE-2013032918
STATE OF MISSOURI
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY

DATE PREPARED
3/30/2021

ROUTE	STATE
100	MO
DISTRICT	SHEET NO.
SL	262

COUNTY
ST. LOUIS

JOB NO.
J6S1718, B, & C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

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

REV.	DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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CROSS SECTIONS

ROUTE 100

SHEET 262 OF 473

P:\2016\160347\4 CADD - DWG\4.7 Tran\03_Preliminary Design\Sheets\XSections\216-264_XS_04_J6S1718.dgn 4:56:14 PM 3/30/2021

JOHN R. LANDECK
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STATE OF MISSOURI
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3/30/2021

ROUTE	STATE
100	MO
DISTRICT	SHEET NO.
SL	263

COUNTY
ST. LOUIS

JOB NO.
J6S1718, B, & C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DATE	DESCRIPTION

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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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CROSS SECTIONS

ROUTE 100

SHEET 263 OF 473

REV.

P:\2016\160347\4 CADD - DWG\4.7 Tran\03_Preliminary Design\Sheets\XSections\216-264_XS_04_J6S1718.dgn 4:56:15 PM 3/30/2021

237+50.00

EL 558.61 OFF -48.4'
EL 558.43 OFF -33.5'
EL 558.37 OFF -27.5'
EL 558.22 OFF -22.5'
EL 558.39 OFF -20.0'
EL 558.69 OFF 0.0'
EL 558.39 OFF 20.0'
EL 558.22 OFF 22.5'
EL 558.80 OFF 28.0'
EL 558.86 OFF 33.0'
EL 559.53 OFF 41.0'

1.24% 1.00% 3.00% 1.50% 1.50% 10.45% 1.00% 8.38%

GAS LINE
AMEREN LINE
GAS LINE
MODOT ITS
ATT LINE
WATER LINE
GAS LINE
SAN. LINE
EXIST. R/W
PERM. ESM'T.
TEMP. ESM'T.

237+30.30

EL 558.62 OFF -52.2'
EL 558.35 OFF -36.1'
EL 558.25 OFF -29.6'
EL 558.08 OFF -24.2'
EL 558.23 OFF -21.5'
EL 558.42 OFF 0.0'
EL 558.02 OFF 21.5'
EL 558.34 OFF 24.8'
EL 558.39 OFF 30.2'
EL 558.41 OFF 35.6'
EL 558.29 OFF 36.8'

1.68% 1.42% 3.28% 0.90% 1.89% 0.92% 0.43%

KENMORE DRIVE
(SKEWED)

GAS LINE
AMEREN LINE
GAS LINE
MODOT ITS
PROP. STORM SEWER
ATT LINE
WATER LINE
GAS LINE
SAN. LINE
EXIST. R/W
PERM. ESM'T.
TEMP. ESM'T.

237+00.00

EL 557.45 OFF -40.5'
EL 558.11 OFF -29.0'
EL 558.06 OFF -23.6'
EL 557.56 OFF -23.1'
EL 557.55 OFF -22.5'
EL 557.72 OFF -20.0'
EL 558.02 OFF 0.0'
EL 557.72 OFF 20.0'
EL 558.05 OFF 23.0'
EL 558.13 OFF 28.0'
EL 558.19 OFF 33.0'
EL 557.69 OFF 37.7'

1.50% 1.50% 1.50% 1.00% 10.00%

EX. STORM
MODOT ITS
AMEREN LINE
GAS LINE
MODOT ITS
ATT LINE
GAS LINE
WATER LINE
SAN. LINE
EXIST. R/W
PERM. ESM'T.
TEMP. ESM'T.

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

570 565 560 555 550

STATE OF MISSOURI
JOHN R. LANDECK
NUMBER PE-2013032918
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY

DATE PREPARED
3/30/2021

ROUTE	STATE
100	MO
DISTRICT	SHEET NO.
SL	264

COUNTY
ST. LOUIS

JOB NO.
J6S1718, B, & C

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)

MoDOT

TWM
ENGINEERING
GEOSPATIAL SERVICES
720 OLIVE STREET, SUITE 200A
ST. LOUIS, MO 63101
(314) 241-6300
www.twm-inc.com
MISSOURI CERT. OF AUTHORITY: 001528

CROSS SECTIONS
ROUTE 100
SHEET 264 OF 473

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

REV.

P:\2016\160347\4 CADD - DWG\4.7 Tran\03_Preliminary Design\Sheets\XSections\216-264_XS_04_J6S1718.dgn 4:56:15 PM 3/30/2021

STATE OF MISSOURI
JOHN R. LANDECK
NUMBER PE-2013032918
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY

DATE PREPARED
3/30/2021

ROUTE	STATE
100	MO
DISTRICT	SHEET NO.
SL	265

COUNTY
ST. LOUIS

JOB NO.
J6S1718, B, & C

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

MoDOT

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

TWM
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GEOSPATIAL SERVICES
720 OLIVE STREET, SUITE 200A
ST. LOUIS, MO 63101
(314) 241-6300
www.twm-inc.com
MISSOURI CERT. OF AUTHORITY: 001538

CROSS SECTIONS

ROUTE 100

SHEET 265 OF 473

REV.

P:\2016\160347\4 CADD - DWG\4.7 Tran\03_Preliminary Design\Sheets\XSections\265-322_XS_05_J6S1718.dgn 6:14:45 PM 3/30/2021

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

STATE OF MISSOURI
JOHN R. LANDECK
NUMBER PE-2013032918
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY

DATE PREPARED
3/30/2021

ROUTE	STATE
100	MO
DISTRICT	SHEET NO.
SL	266

COUNTY
ST. LOUIS

JOB NO.
J6S1718, B, & C

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)

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ENGINEERING
GEOSPATIAL SERVICES
720 OLIVE STREET, SUITE 200A
ST. LOUIS, MO 63101
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MISSOURI CERT. OF AUTHORITY: 001528

CROSS SECTIONS
ROUTE 100
SHEET 266 OF 473

REV.

P:\2016\160347\4 CADD - DWG\4.7 Tran\03_Preliminary Design\Sheets\XSections\265-322_XS_05_J6S1718.dgn 6:14:47 PM 3/30/2021

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY

JOHN R. LANDECK
NUMBER PE-2013032918
STATE OF MISSOURI
PROFESSIONAL ENGINEER

DATE PREPARED
3/30/2021

ROUTE	STATE
100	MO
DISTRICT	SHEET NO.
SL	267

COUNTY
ST. LOUIS

JOB NO.
J6S1718, B, & C

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)

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CROSS SECTIONS

ROUTE 100

SHEET 267 OF 473

REV.

P:\2016\160347\4 CADD - DWG\4.7 Tran\03_Preliminary Design\Sheets\XSections\265-322_XS_05_J6S1718.dgn 6:14:48 PM 3/30/2021

240+50.00

240+00.00

239+50.00

5'

STATE OF MISSOURI
JOHN R. LANDECK
NUMBER PE-2013032918
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY

DATE PREPARED
3/30/2021

ROUTE	STATE
100	MO

DISTRICT	SHEET NO.
SL	268

COUNTY
ST. LOUIS

JOB NO.
J6S1718, B, & C

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
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MISSOURI CERT. OF AUTHORITY: 001538

CROSS SECTIONS
ROUTE 100
SHEET 268 OF 473

REV.

P:\2016\160347\4 CADD - DWG\4.7 Tran\03_Preliminary Design\Sheets\XSections\265-322_XS_05_J6S1718.dgn 6:14:48 PM 3/30/2021

241+00.00

240+53.50

TEMP. ESM'T.
EL 566.26
OFF -36.1
PERM. ESM'T.
EL 566.77
OFF -33.0'
EXIST. R/W
EL 566.72
OFF -28.0'
EL 566.65
OFF -23.0'
EL 566.31
OFF -20.0'
EL 566.61
OFF 0.0'
EL 566.31
OFF 20.0'
EL 566.65
OFF 23.0'
EL 566.72
OFF 28.0'
EXIST. R/W
EL 566.77
OFF 33.0'
PERM. ESM'T.
EL 566.79
OFF 34.7'
TEMP. ESM'T.
10:1
1.00%
1.50%
1.50%
1.50%
1.50%
1.00%
10:1
GAS LINE
MODOT ITS
GAS LINE
ATT LINE
WATER LINE
GAS LINE
ATT LINE
SAN. LINE
580
575
570
565
560
555

TEMP. ESM'T.
EL 564.92
OFF -36.0'
PERM. ESM'T.
EL 564.79
OFF -33.0'
EXIST. R/W
EL 564.74
OFF -28.0'
EL 564.58
OFF -22.5'
EL 564.75
OFF -20.0'
EL 565.09
OFF 0.0'
EL 564.75
OFF 20.0'
EL 565.09
OFF 23.0'
EL 565.15
OFF 27.8'
EXIST. R/W
EL 565.20
OFF 32.8'
PERM. ESM'T.
EL 564.79
OFF 36.9'
TEMP. ESM'T.
4.33%
1.00%
3.00%
1.50%
1.50%
1.50%
1.00%
10:1
COMMERCIAL ENT.
GAS LINE
MODOT ITS
GAS LINE
ATT LINE
WATER LINE
GAS LINE
SAN. LINE
580
575
570
565
560
555

5'

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

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STATE OF MISSOURI
JOHN R. LANDECK
NUMBER PE-2013032918
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY

DATE PREPARED
3/30/2021

ROUTE	STATE
100	MO
DISTRICT	SHEET NO.
SL	269

COUNTY
ST. LOUIS

JOB NO.
J6S1718, B, & C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

REV.	DESCRIPTION	DATE

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

TWM
ENGINEERING
GEOSPATIAL SERVICES
720 OLIVE STREET, SUITE 200A
ST. LOUIS, MO 63101
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CROSS SECTIONS
ROUTE 100
SHEET 269 OF 473

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

JOHN R. LANDECK
NUMBER PE-2013032918
STATE OF MISSOURI
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY

DATE PREPARED
3/30/2021

ROUTE	STATE
100	MO
DISTRICT	SHEET NO.
SL	270

COUNTY
ST. LOUIS

JOB NO.
J6S1718, B, & C

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)

TWM
ENGINEERING
GEOSPATIAL SERVICES
720 OLIVE STREET, SUITE 200A
ST. LOUIS, MO 63101
(314) 241-6300
www.twm-inc.com
MISSOURI CERT. OF AUTHORITY: 001528

CROSS SECTIONS
ROUTE 100
SHEET 270 OF 473

REV.

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

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

STATE OF MISSOURI
JOHN R. LANDECK
NUMBER PE-2013032918
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY

DATE PREPARED
3/30/2021

ROUTE	STATE
100	MO
DISTRICT	SHEET NO.
SL	271

COUNTY
ST. LOUIS

JOB NO.
J6S1718, B, & C

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)

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CROSS SECTIONS
ROUTE 100
SHEET 271 OF 473

REV.

P:\2016\160347\4 CADD - DWG\4.7 Tran\03_Preliminary Design\Sheets\XSections\265-322_XS_05_J6S1718.dgn 6:14:51 PM 3/30/2021

243+00.00

242+51.00

242+50.00

COMMERCIAL ENT.

TEMP. ESM'T.
PERM. ESM'T.
EXIST. R/W
GAS LINE
MODOT ITS
WATER LINE
ATT LINE
SAN. LINE
PROP. STORM SEWER

5'

STATE OF MISSOURI
JOHN R. LANDECK
NUMBER PE-2013032918
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY

DATE PREPARED
3/30/2021

ROUTE	STATE
100	MO

DISTRICT	SHEET NO.
SL	272

COUNTY
ST. LOUIS

JOB NO.
J6S1718, B, & C

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)

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MISSOURI CERT. OF AUTHORITY: 001538

CROSS SECTIONS
ROUTE 100
SHEET 272 OF 473

REV.

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JOHN R. LANDECK
NUMBER PE-2013032918
STATE OF MISSOURI
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY

DATE PREPARED
3/30/2021

ROUTE	STATE
100	MO
DISTRICT	SHEET NO.
SL	273

COUNTY
ST. LOUIS

JOB NO.
J6S1718, B, & C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

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

REV.	DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

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(314) 241-6300
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MISSOURI CERT. OF AUTHORITY: 001528

CROSS SECTIONS
ROUTE 100
SHEET 273 OF 473

P:\2016\160347\4 CADD - DWG\4.7 Tran\03_Preliminary Design\Sheets\XSections\265-322_XS_05_J6S1718.dgn 6:14:53 PM 3/30/2021

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

STATE OF MISSOURI
JOHN R. LANDECK
NUMBER PE-2013032918
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY

DATE PREPARED
3/30/2021

ROUTE	STATE
100	MO
DISTRICT	SHEET NO.
SL	274

COUNTY
ST. LOUIS

JOB NO.
J6S1718, B, & C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

REV.	DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

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CROSS SECTIONS
ROUTE 100
SHEET 274 OF 473

P:\2016\160347\4 CADD - DWG\4.7 Tran\03_Preliminary Design\Sheets\XSections\265-322_XS_05_J6S1718.dgn 6:14:53 PM 3/30/2021

245+50.00

245+00.00

244+67.00

TEMP. ESM'T.
PERM. ESM'T.
EXIST. R/W
EL 584.42 OFF -31.7'
EL 584.37 OFF -26.7'
EL 584.32 OFF -23.0'
EL 583.98 OFF -20.0'
EL 584.28 OFF 0.0'
EL 583.98 OFF 20.0'
EL 584.32 OFF 23.0'
EL 584.39 OFF 28.0'
EL 584.44 OFF 33.0'
EL 585.08 OFF 33.5'
GAS LINE
GAS LINE
WATER LINE
PROP. STORM SEWER
ATT LINE
SAN. LINE
1.00%
-1.50%
1.50%
1.50%
1.50%
1.00%

TEMP. ESM'T.
PERM. ESM'T.
EXIST. R/W
EL 582.47 OFF -32.0'
EL 582.42 OFF -27.0'
EL 582.37 OFF -23.0'
EL 582.03 OFF -20.0'
EL 582.33 OFF 0.0'
EL 582.03 OFF 20.0'
EL 582.37 OFF 23.0'
EL 582.44 OFF 28.0'
EL 582.49 OFF 33.0'
EL 582.91 OFF 33.5'
EL 583.00 OFF 33.5'
GAS LINE
MODOT ITS
WATER LINE
GAS LINE
PROP. STORM SEWER
ATT LINE
SAN. LINE
1.00%
-1.50%
1.50%
1.50%
1.50%
1.00%

TEMP. ESM'T.
PERM. ESM'T.
EXIST. R/W
EL 580.86 OFF -32.0'
EL 580.91 OFF -27.0'
EL 580.95 OFF -24.4'
EL 580.56 OFF -22.5'
EL 580.73 OFF -20.0'
EL 581.03 OFF 0.0'
EL 580.73 OFF 20.0'
EL 580.56 OFF 22.5'
EL 581.13 OFF 28.0'
EL 581.19 OFF 34.0'
EL 582.17 OFF 43.5'
GAS LINE
MODOT ITS
WATER LINE
GAS LINE
ATT LINE
PROP. STORM SEWER
SAN. LINE
1.00%
1.50%
1.50%
10.45%
1.00%
+0.30%
COMMERCIAL ENT.
5'

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

595 590 585 580 575 570

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STATE OF MISSOURI
JOHN R. LANDECK
NUMBER PE-2013032918
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY

DATE PREPARED
3/30/2021

ROUTE	STATE
100	MO
DISTRICT	SHEET NO.
SL	275

COUNTY
ST. LOUIS

JOB NO.
J6S1718, B, & C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

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

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

TWM
ENGINEERING
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MISSOURI CERT. OF AUTHORITY: 001538

CROSS SECTIONS
ROUTE 100
SHEET 275 OF 473

REV.

STATE OF MISSOURI
JOHN R. LANDECK
NUMBER PE-2013032918
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY

DATE PREPARED
3/30/2021

ROUTE	STATE
100	MO
DISTRICT	SHEET NO.
SL	276

COUNTY
ST. LOUIS

JOB NO.
J6S1718, B, & C

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

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

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CROSS SECTIONS

ROUTE 100

SHEET 276 OF 473

REV.

P:\2016\160347\4 CADD - DWG\4.7 Tran\03_Preliminary Design\Sheets\XSections\265-322_XS_05_J6S1718.dgn 6:14:55 PM 3/30/2021

247+00.00

246+93.00

246+50.00

5'

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

STATE OF MISSOURI
JOHN R. LANDECK
NUMBER PE-2013032918
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY

DATE PREPARED
3/30/2021

ROUTE	STATE
100	MO

DISTRICT	SHEET NO.
SL	277

COUNTY
ST. LOUIS

JOB NO.
J6S1718, B, & C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

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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(314) 241-6300
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MISSOURI CERT. OF AUTHORITY: 001528

CROSS SECTIONS
ROUTE 100
SHEET 277 OF 473

REV.

P:\2016\160347\4 CADD - DWG\4.7 Tran\03_Preliminary Design\Sheets\XSections\265-322_XS_05_J6S1718.dgn 6:14:56 PM 3/30/2021

JOHN R. LANDECK
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STATE OF MISSOURI
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY

DATE PREPARED
3/30/2021

ROUTE	STATE
100	MO
DISTRICT	SHEET NO.
SL	278

COUNTY
ST. LOUIS

JOB NO.
J6S1718, B, & C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

REV.	DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
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CROSS SECTIONS
ROUTE 100
SHEET 278 OF 473

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

P:\2016\160347\4 CADD - DWG\4.7 Tran\03_Preliminary Design\Sheets\XSections\265-322_XS_05_J6S1718.dgn 6:14:57 PM 3/30/2021

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JOHN R. LANDECK
NUMBER PE-2013032918
STATE OF MISSOURI
PROFESSIONAL ENGINEER

DATE PREPARED
3/30/2021

ROUTE	STATE
100	MO
DISTRICT	SHEET NO.
SL	279

COUNTY
ST. LOUIS

JOB NO.
J6S1718, B, & C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

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CROSS SECTIONS
ROUTE 100
SHEET 279 OF 473

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STATE OF MISSOURI
JOHN R. LANDECK
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CROSS SECTIONS
ROUTE 100
SHEET 280 OF 473

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ROUTE 100

SHEET 281 OF 473

JOHN R. LANDECK
NUMBER PE-2013032918
STATE OF MISSOURI
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ROUTE 100
SHEET 282 OF 473

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ROUTE 100
SHEET 283 OF 473

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ROUTE	STATE
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ROUTE 100
SHEET 284 OF 473

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DISTRICT	SHEET NO.
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ROUTE 100
SHEET 285 OF 473

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STATE OF MISSOURI
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ROUTE 100
SHEET 286 OF 473

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SHEET 287 OF 473

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SHEET 288 OF 473

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CROSS SECTIONS

ROUTE 100

SHEET 289 OF 473

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

REV.

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

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3/30/2021

ROUTE	STATE
100	MO
DISTRICT	SHEET NO.
SL	290

COUNTY
ST. LOUIS

JOB NO.
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CONTRACT ID.

PROJECT NO.

BRIDGE NO.

REV.	DESCRIPTION	DATE

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ROUTE 100
SHEET 290 OF 473

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STATE OF MISSOURI
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NUMBER PE-2013032918
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THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY

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ROUTE	STATE
100	MO
DISTRICT	SHEET NO.
SL	291

COUNTY
ST. LOUIS

JOB NO.
J6S1718, B, & C

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ROUTE 100

SHEET 291 OF 473

STATE OF MISSOURI
JOHN R. LANDECK
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PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY

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ROUTE	STATE
100	MO
DISTRICT	SHEET NO.
SL	292

COUNTY
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JOB NO.
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ROUTE 100
SHEET 292 OF 473

P:\2016\160347\4 CADD - DWG\4.7 Tran\03_Preliminary Design\Sheets\XSections\265-322_XS_05_J6S1718.dgn 6:15:09 PM 3/30/2021

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3/30/2021

ROUTE	STATE
100	MO
DISTRICT	SHEET NO.
SL	293

COUNTY
ST. LOUIS

JOB NO.
J6S1718, B, & C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

REV.	DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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ROUTE 100
SHEET 293 OF 473

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DISTRICT	SHEET NO.
SL	294

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SHEET 294 OF 473

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ROUTE	STATE
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SHEET 295 OF 473

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SL	296

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SHEET 296 OF 473

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SHEET 297 OF 473

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SHEET 298 OF 473

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REV.	DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

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GEOSPATIAL SERVICES
720 OLIVE STREET, SUITE 200A
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MISSOURI CERT. OF AUTHORITY: 001528

CROSS SECTIONS
ROUTE 100
SHEET 299 OF 473

P:\2016\160347\4 CADD - DWG\4.7 Tran\03_Preliminary Design\Sheets\XSections\265-322_XS_05_J6S1718.dgn 6:15:15 PM 3/30/2021

STATE OF MISSOURI
JOHN R. LANDECK
NUMBER PE-2013032918
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY

DATE PREPARED
3/30/2021

ROUTE	STATE
100	MO
DISTRICT	SHEET NO.
SL	300

COUNTY
ST. LOUIS

JOB NO.
J6S1718, B, & C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

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

DESCRIPTION	DATE

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CROSS SECTIONS
ROUTE 100
SHEET 300 OF 473

REV.

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STATE OF MISSOURI
JOHN R. LANDECK
NUMBER PE-2013032918
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY

DATE PREPARED
3/30/2021

ROUTE	STATE
100	MO

DISTRICT	SHEET NO.
SL	301

COUNTY
ST. LOUIS

JOB NO.
J6S1718, B, & C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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ROUTE 100
SHEET 301 OF 473

REV.

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DATE PREPARED
3/30/2021

ROUTE	STATE
100	MO
DISTRICT	SHEET NO.
SL	302

COUNTY
ST. LOUIS

JOB NO.
J6S1718, B, & C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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CROSS SECTIONS
ROUTE 100
SHEET 302 OF 473

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REV.

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STATE OF MISSOURI
JOHN R. LANDECK
NUMBER PE-2013032918
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY

DATE PREPARED
3/30/2021

ROUTE	STATE
100	MO
DISTRICT	SHEET NO.
SL	303

COUNTY
ST. LOUIS

JOB NO.
J6S1718, B, & C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

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

REV.	DESCRIPTION	DATE

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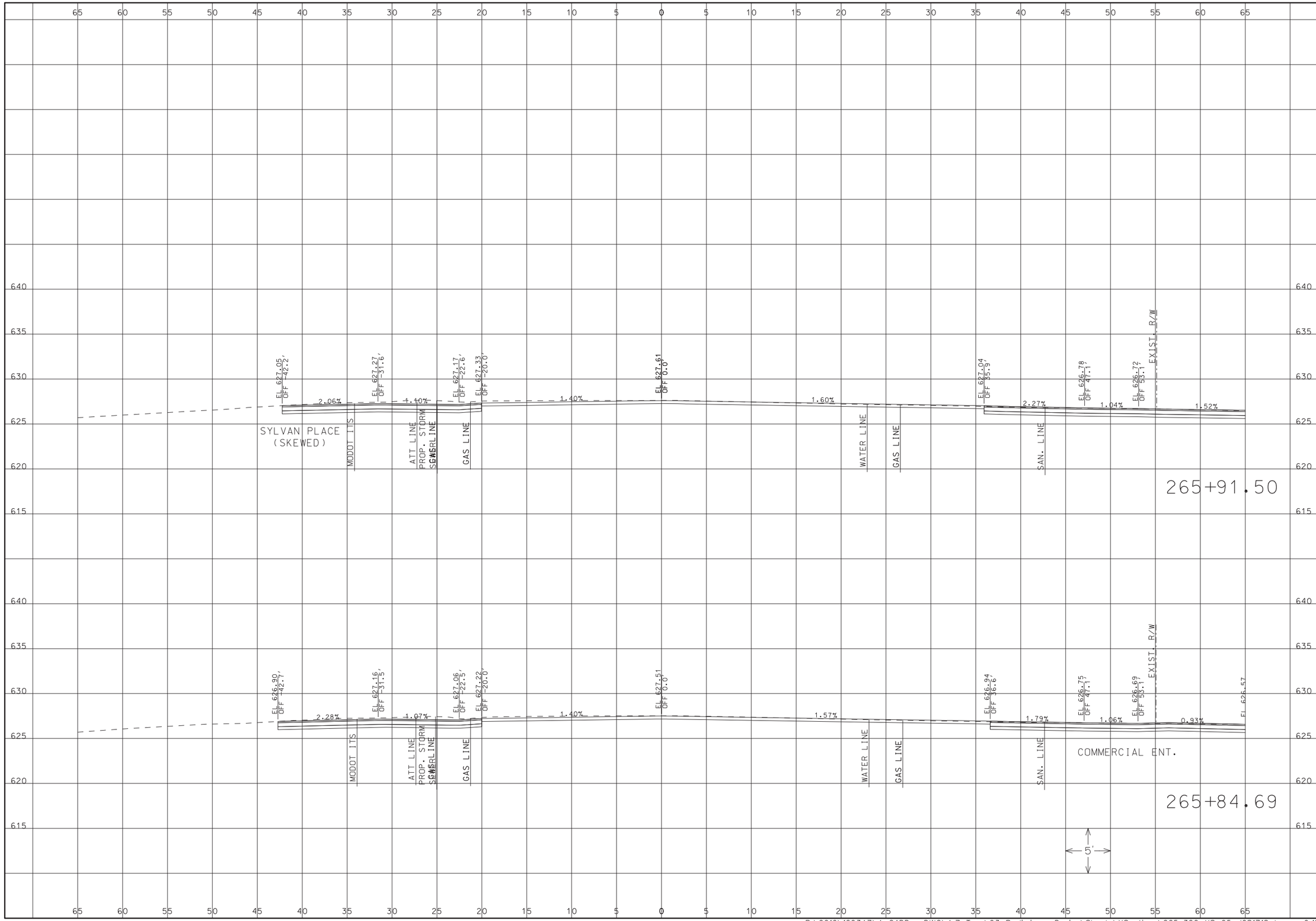
ROUTE 100
SHEET 303 OF 473

P:\2016\160347\4 CADD - DWG\4.7 Tran\03_Preliminary Design\Sheets\XSections\265-322_XS_05_J6S1718.dgn 6:15:18 PM 3/30/2021



STATE OF MISSOURI
JOHN R. LANDECK
NUMBER PE-2013032918
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY

DATE PREPARED
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ROUTE	STATE
100	MO
DISTRICT	SHEET NO.
SL	304

COUNTY
ST. LOUIS

JOB NO.
J6S1718, B, & C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

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CROSS SECTIONS
ROUTE 100
SHEET 304 OF 473

REV.

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STATE OF MISSOURI
JOHN R. LANDECK
NUMBER PE-2013032918
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THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY

DATE PREPARED
3/30/2021

ROUTE	STATE
100	MO

DISTRICT	SHEET NO.
SL	305

COUNTY
ST. LOUIS

JOB NO.
J6S1718, B, & C

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

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CROSS SECTIONS
ROUTE 100
SHEET 305 OF 473

REV.

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JOHN R. LANDECK
NUMBER PE-2013032918
STATE OF MISSOURI
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY

DATE PREPARED
3/30/2021

ROUTE	STATE
100	MO
DISTRICT	SHEET NO.
SL	306

COUNTY
ST. LOUIS

JOB NO.
J6S1718, B, & C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

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REV.	DESCRIPTION	DATE

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ROUTE 100
SHEET 306 OF 473

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NUMBER PE-2013032918
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PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY

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ROUTE	STATE
100	MO
DISTRICT	SHEET NO.
SL	307

COUNTY
ST. LOUIS

JOB NO.
J6S1718, B, & C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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CROSS SECTIONS

ROUTE 100

SHEET 307 OF 473

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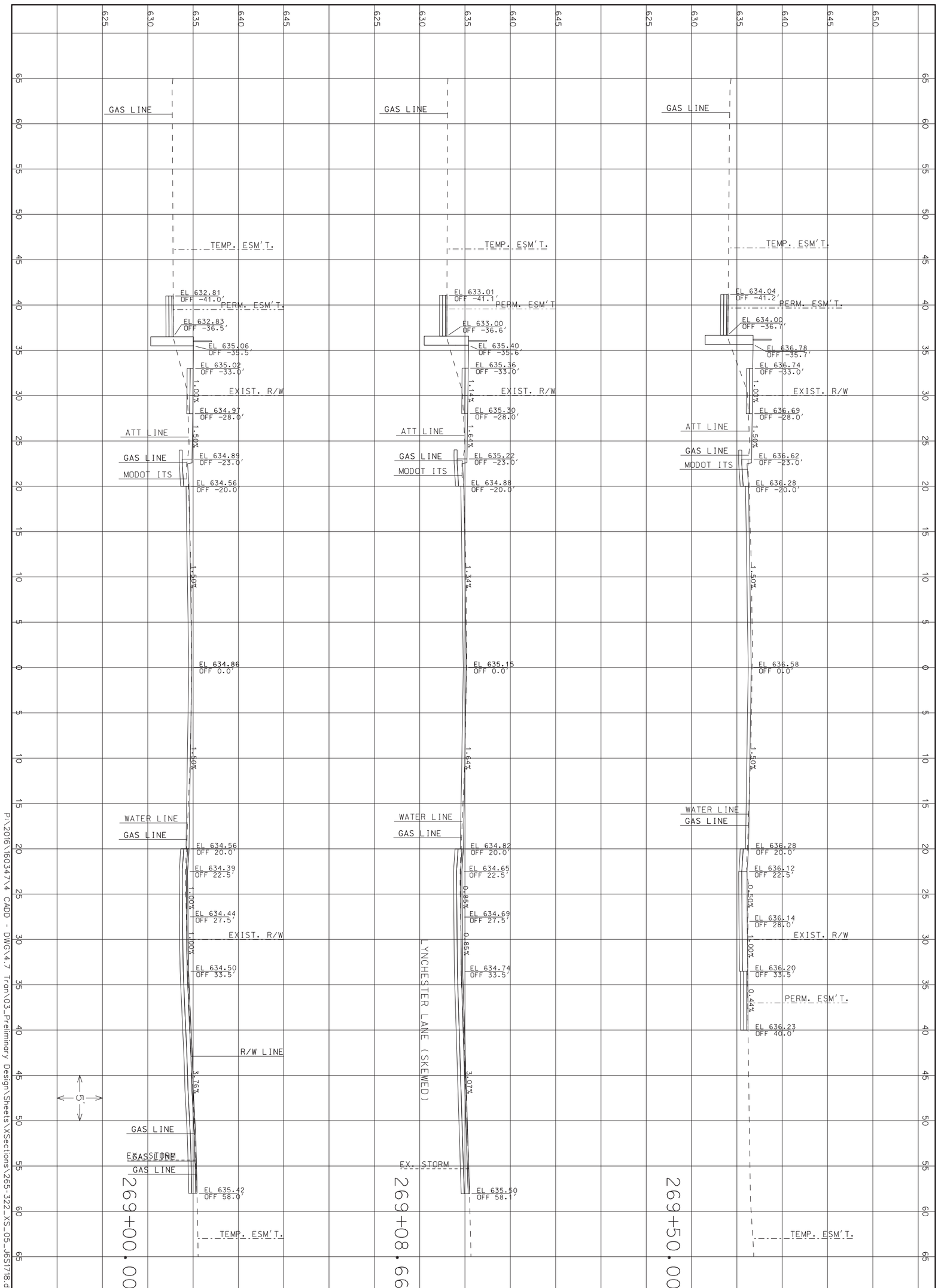

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SHEET 308 OF 473

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DATE	DESCRIPTION

BRIDGE NO.

PROJECT NO.

CONTRACT ID. J6S1718, B, & C

JOB NO.

COUNTY ST. LOUIS

DISTRICT SL | SHEET NO. 308 | STATE MO

ROUTE 100

DATE PREPARED 3/30/2021

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STATE OF MISSOURI
JOHN R. LANDECK
NUMBER PE-2013030918
PROFESSIONAL ENGINEER

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JOHN R. LANDECK
NUMBER PE-2013032918
STATE OF MISSOURI
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY

DATE PREPARED
3/30/2021

ROUTE	STATE
100	MO
DISTRICT	SHEET NO.
SL	309

COUNTY
ST. LOUIS

JOB NO.
J6S1718, B, & C

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

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CROSS SECTIONS
ROUTE 100
SHEET 309 OF 473

REV.

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STATE OF MISSOURI
JOHN R. LANDECK
NUMBER PE-2013032918
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY

DATE PREPARED
3/30/2021

ROUTE	STATE
100	MO

DISTRICT	SHEET NO.
SL	310

COUNTY
ST. LOUIS

JOB NO.
J6S1718, B, & C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

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

REV.	DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
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CROSS SECTIONS
ROUTE 100
SHEET 310 OF 473

STATE OF MISSOURI
JOHN R. LANDECK
NUMBER PE-2013032918
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY

DATE PREPARED
3/30/2021

ROUTE	STATE
100	MO
DISTRICT	SHEET NO.
SL	311

COUNTY
ST. LOUIS

JOB NO.
J6S1718, B, & C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

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CROSS SECTIONS
ROUTE 100
SHEET 311 OF 473

REV.

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JOHN R. LANDECK
NUMBER PE-2013032918
STATE OF MISSOURI
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THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY

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3/30/2021

ROUTE	STATE
100	MO
DISTRICT	SHEET NO.
SL	312

COUNTY
ST. LOUIS

JOB NO.
J6S1718, B, & C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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CROSS SECTIONS
ROUTE 100
SHEET 312 OF 473

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JOHN R. LANDECK
NUMBER PE-2013032918
STATE OF MISSOURI
PROFESSIONAL ENGINEER

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DATE PREPARED
3/30/2021

ROUTE	STATE
100	MO
DISTRICT	SHEET NO.
SL	313

COUNTY
ST. LOUIS

JOB NO.
J6S1718, B, & C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

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CROSS SECTIONS
ROUTE 100
SHEET 313 OF 473

REV.

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STATE OF MISSOURI
JOHN R. LANDECK
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PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY

DATE PREPARED
3/30/2021

ROUTE	STATE
100	MO
DISTRICT	SHEET NO.
SL	314

COUNTY
ST. LOUIS

JOB NO.
J6S1718, B, & C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

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CROSS SECTIONS
ROUTE 100
SHEET 314 OF 473

REV.

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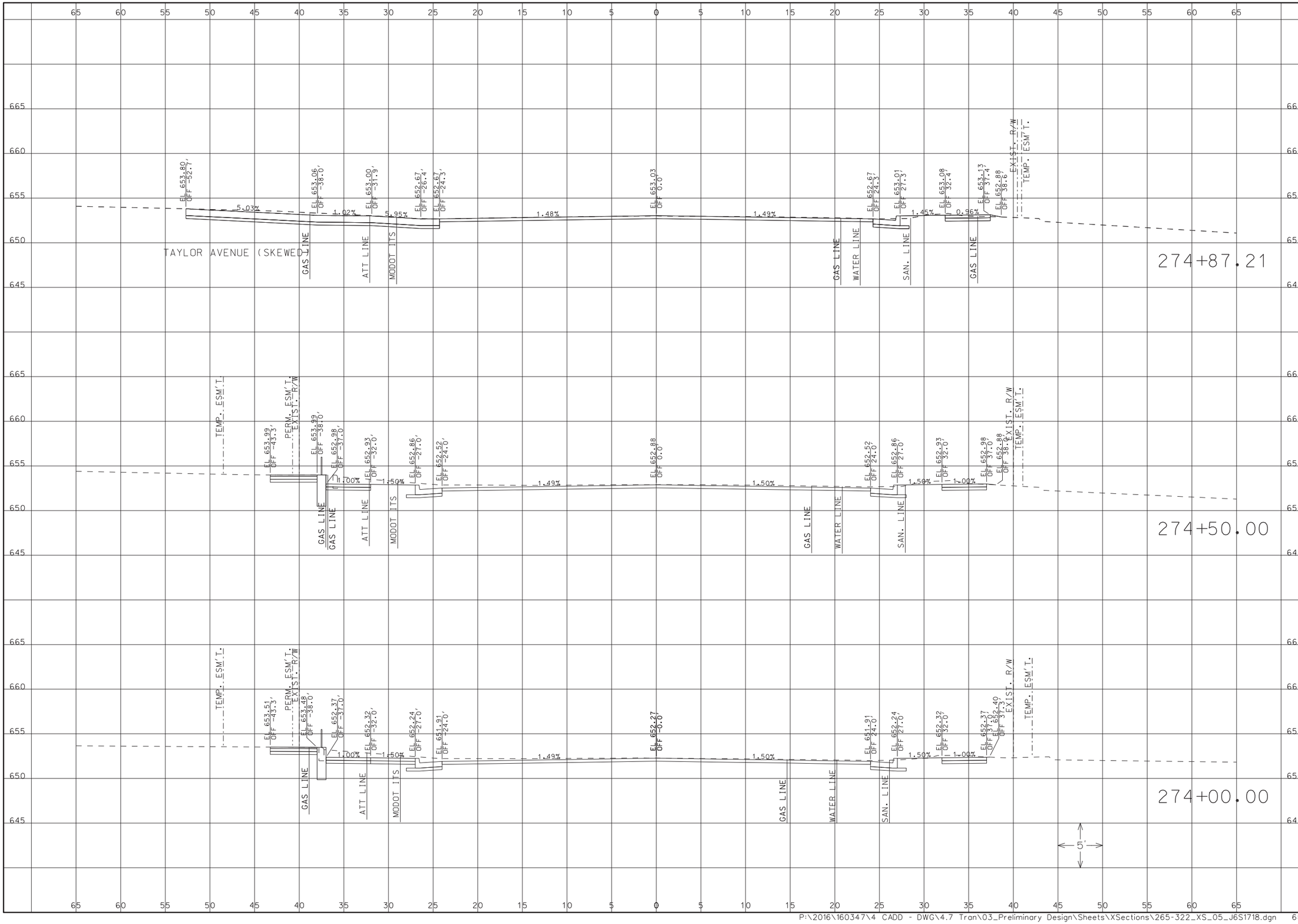

STATE OF MISSOURI
JOHN R. LANDECK
NUMBER PE-2013032918
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY

DATE PREPARED	3/30/2021
ROUTE	100
STATE	MO
DISTRICT	SL
SHEET NO.	315
COUNTY	ST. LOUIS
JOB NO.	J6S1718, B, & C
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DESCRIPTION

DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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CROSS SECTIONS
ROUTE 100
SHEET 315 OF 473

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

DATE PREPARED
3/30/2021

ROUTE	STATE
100	MO
DISTRICT	SHEET NO.
SL	316

COUNTY
ST. LOUIS

JOB NO.
J6S1718, B, & C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

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REV.	DESCRIPTION	DATE

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CROSS SECTIONS
ROUTE 100
SHEET 316 OF 473

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EXIST. COMMERCIAL ENT.

276+90.00

EL 650.16
OFF -23.9'

EL 650.52
OFF 0.0'

1.50%

1.50%

WATER LINE

EL 650.15
OFF 24.4'

SAN. LINE

EL 650.48
OFF 27.4'

1.50%

GAS LINE

EL 650.56
OFF 32.4'

1.00%

EL 650.61
OFF 37.4'

EXIST. R/W

TEMP. ESM'T.

276+50.00

EL 650.81
OFF -23.4'

EL 651.16
OFF 0.0'

1.50%

1.50%

WATER LINE

EL 650.80
OFF 24.0'

SAN. LINE

EL 651.13
OFF 27.0'

1.50%

GAS LINE

EL 651.20
OFF 32.0'

1.00%

EL 651.25
OFF 37.0'

EL 650.98 EXIST. R/W
OFF 39.8'

TEMP. ESM'T.

276+00.00

EL 651.61
OFF -23.4'

EL 651.96
OFF 0.0'

1.50%

1.50%

WATER LINE

EL 651.60
OFF 24.0'

SAN. LINE

EL 651.93
OFF 27.0'

1.50%

GAS LINE

EL 652.01
OFF 32.0'

1.00%

EL 652.06
OFF 37.0'

EL 651.65
OFF 39.0'

EXIST. R/W

TEMP. ESM'T.

5'

STATE OF MISSOURI
JOHN R. LANDECK
NUMBER PE-2013032918
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY

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ROUTE	STATE
100	MO

DISTRICT	SHEET NO.
SL	317

COUNTY
ST. LOUIS

JOB NO.
J6S1718, B, & C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

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REV.	DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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CROSS SECTIONS
ROUTE 100
SHEET 317 OF 473

P:\2016\160347\4 CADD - DWG\4.7 Tran\03_Preliminary Design\Sheets\XSections\265-322_XS_05_J6S1718.dgn 6:15:30 PM 3/30/2021

STATE OF MISSOURI
JOHN R. LANDECK
NUMBER PE-2013032918
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY

DATE PREPARED
3/30/2021

ROUTE	STATE
100	MO
DISTRICT	SHEET NO.
SL	318

COUNTY
ST. LOUIS

JOB NO.
J6S1718, B, & C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

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

REV.	DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

TWM ENGINEERING GEOSPATIAL SERVICES
720 OLIVE STREET, SUITE 200A
ST. LOUIS, MO 63101
(314) 241-6300
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MISSOURI CERT. OF AUTHORITY: 001528

CROSS SECTIONS
ROUTE 100
SHEET 318 OF 473

P:\2016\160347\4 CADD - DWG\4.7 Tran\03_Preliminary Design\Sheets\XSections\265-322_XS_05_J6S1718.dgn 6:15:31 PM 3/30/2021

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STATE OF MISSOURI
JOHN R. LANDECK
NUMBER PE-2013032918
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY

DATE PREPARED
3/30/2021

ROUTE	STATE
100	MO
DISTRICT	SHEET NO.
SL	319

COUNTY
ST. LOUIS

JOB NO.
J6S1718, B, & C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

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

REV.	DESCRIPTION	DATE

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

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ENGINEERING
GEOSPATIAL SERVICES
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CROSS SECTIONS
ROUTE 100
SHEET 319 OF 473

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY

DATE PREPARED
3/30/2021

ROUTE	STATE
100	MO

DISTRICT	SHEET NO.
SL	320

COUNTY
ST. LOUIS

JOB NO.
J6S1718, B, & C

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)

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GEOSPATIAL SERVICES
720 OLIVE STREET, SUITE 200A
ST. LOUIS, MO 63101
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CROSS SECTIONS
ROUTE 100
SHEET 320 OF 473

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

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REV.

STATE OF MISSOURI
JOHN R. LANDECK
NUMBER PE-2013032918
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY

DATE PREPARED
3/30/2021

ROUTE	STATE
100	MO

DISTRICT	SHEET NO.
SL	321

COUNTY
ST. LOUIS

JOB NO.
J6S1718, B, & C

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

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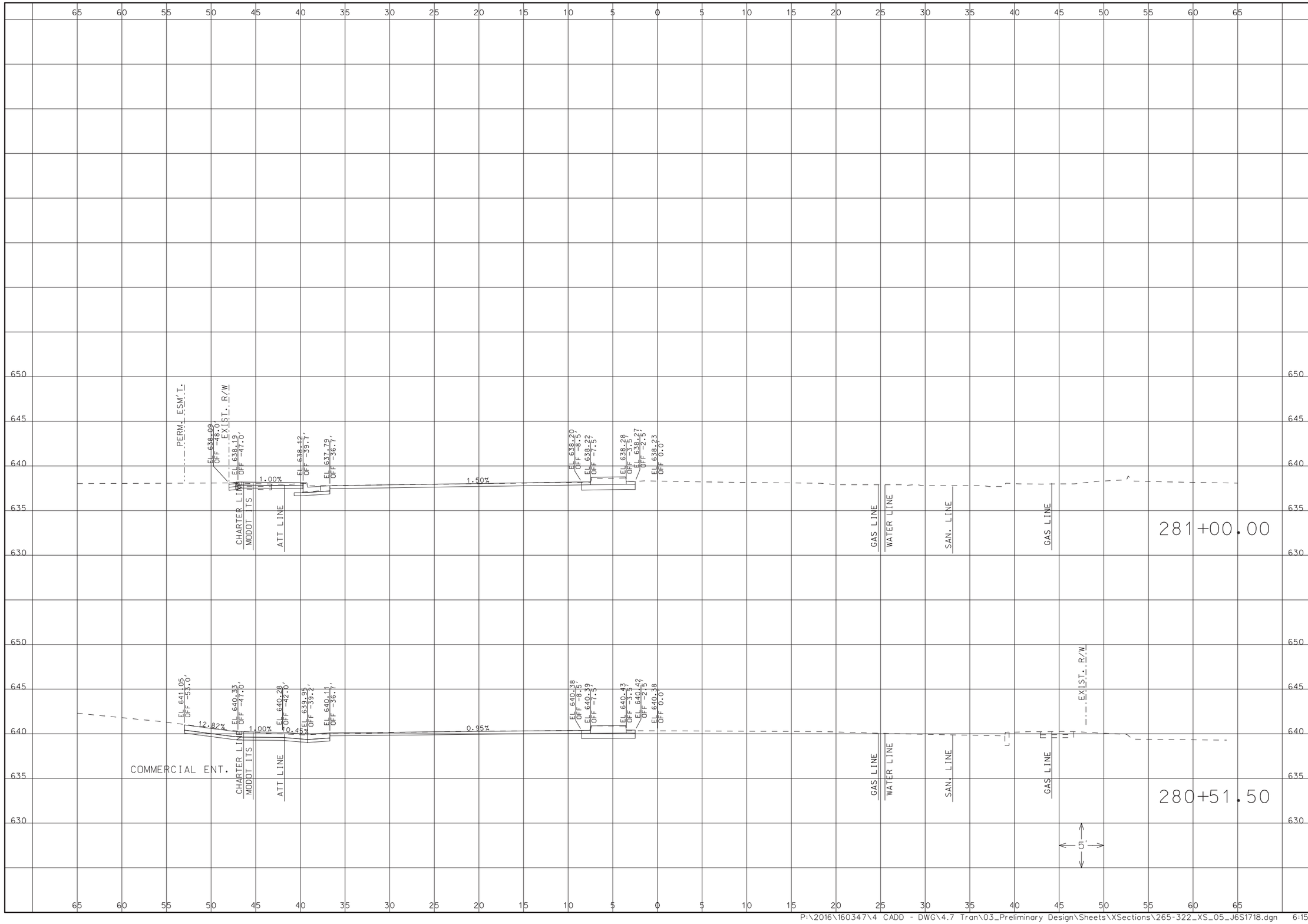
CROSS SECTIONS
ROUTE 100
SHEET 321 OF 473

P:\2016\160347\4 CADD - DWG\4.7 Tran\03_Preliminary Design\Sheets\XSections\265-322_XS_05_J6S1718.dgn 6:15:33 PM 3/30/2021

REV.



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JOHN R. LANDECK
NUMBER PE-2013032918
STATE OF MISSOURI
PROFESSIONAL ENGINEER

DATE PREPARED
3/30/2021

ROUTE	STATE
100	MO

DISTRICT	SHEET NO.
SL	322

COUNTY
ST. LOUIS

JOB NO.
J6S1718, B, & C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

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

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
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CROSS SECTIONS
ROUTE 100
SHEET 322 OF 473

REV.

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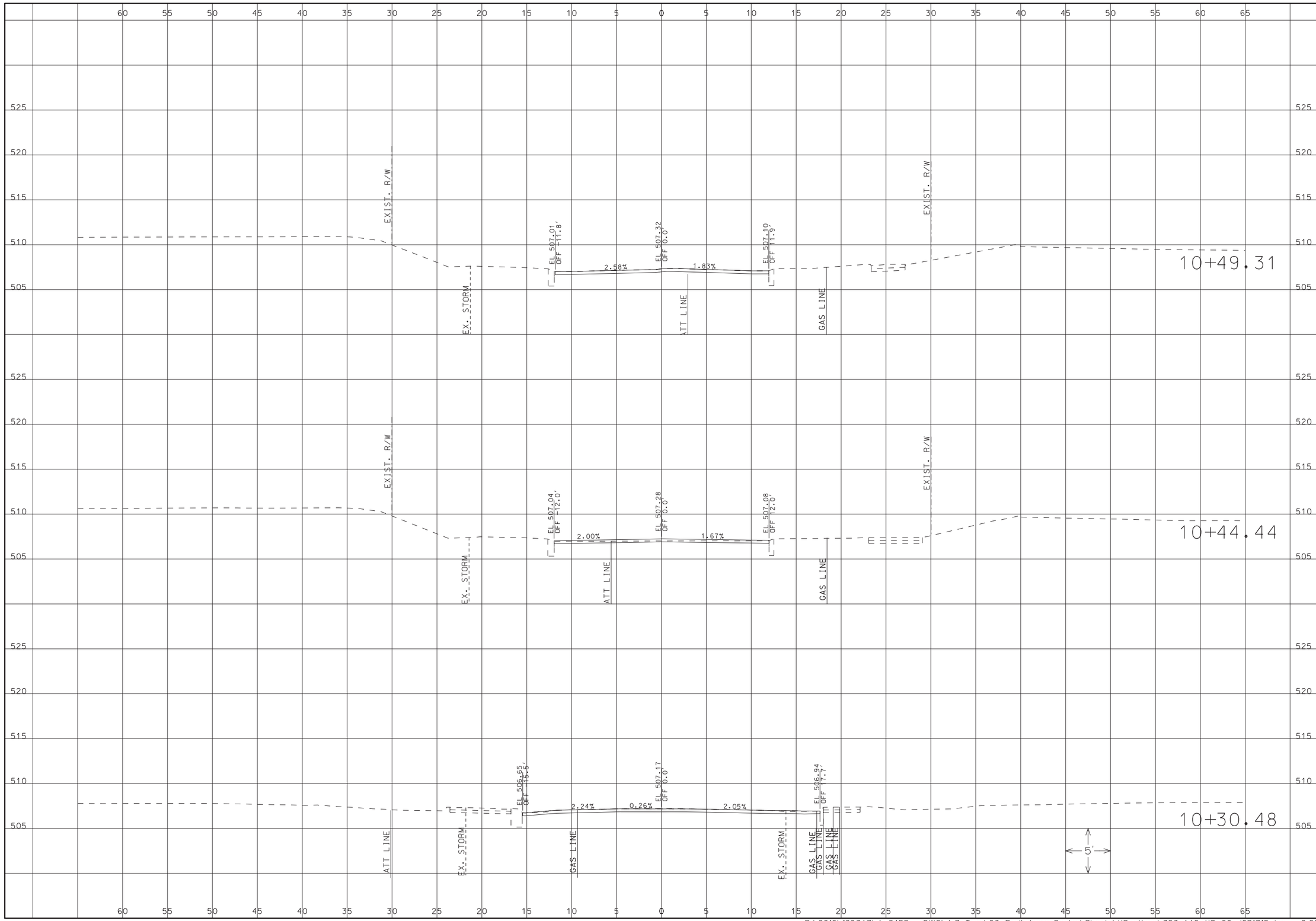

STATE OF MISSOURI
JOHN R. LANDECK
NUMBER PE-2013032918
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY

DATE PREPARED
3/30/2021

ROUTE	STATE
100	MO
DISTRICT	SHEET NO.
SL	323

COUNTY
ST. LOUIS

JOB NO.
J6S1718, B, & C

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

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CROSS SECTIONS
OAKLAND AVE
SHEET 323 OF 473

REV.

P:\2016\160347\4 CADD - DWG\4.7 Tran\03_Preliminary Design\Sheets\XSections\323-442_XS_06_J6S1718.dgn 6:21:02 PM 3/30/2021

J6S1718

EL 486.60
OFF -27.1'

EL 485.68
OFF -0.0'

EL 483.03
OFF 60.7'

3.39%

4.36%

WATER LINE

ATT LINE

EX. STORM

GAS LINE

EX. STORM

WATER LINE

EXIST. R/W

19+67.80

EL 485.54
OFF -14.8'

EL 485.52
OFF 0.0'

EL 484.31
OFF 33.5'

0.14%

3.61%

WATER LINE

ATT LINE

ATT LINE

GAS LINE

WATER LINE

EXIST. R/W

19+51.88

EXIST. R/W

EL 485.07
OFF -12.5'

EL 485.31
OFF 0.0'

EL 484.64
OFF 21.4'

1.92%

3.13%

WATER LINE

ATT LINE

ATT LINE

GAS LINE

WATER LINE

EXIST. R/W

19+16.83

5'

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

500 495 490 485 480

P:\2016\160347\4 CADD - DWG\4.7 Tran\03_Preliminary Design\Sheets\XSections\323-442_XS_06_J6S1718.dgn 6:21:04 PM 3/30/2021

STATE OF MISSOURI
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NUMBER PE-2013032918
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY

DATE PREPARED
3/30/2021

ROUTE	STATE
100	MO

DISTRICT	SHEET NO.
SL	324

COUNTY
ST. LOUIS

JOB NO.
J6S1718, B, & C

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

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JEFFERSON CITY, MO 65102
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CROSS SECTIONS

LACLEDE STATION RD

SHEET 324 OF 473

REV.

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STATE OF MISSOURI
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ROUTE	STATE
100	MO

DISTRICT	SHEET NO.
SL	325

COUNTY
ST. LOUIS

JOB NO.
J6S1718, B, & C

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

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CROSS SECTIONS

LACLEDE STATION RD

SHEET 325 OF 473

REV.

J6S1718

STATE OF MISSOURI
JOHN R. LANDECK
NUMBER PE-2013032918
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY

DATE PREPARED
3/30/2021

ROUTE	STATE
100	MO
DISTRICT	SHEET NO.
SL	326

COUNTY
ST. LOUIS

JOB NO.
J6S1718, B, & C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

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

REV.	DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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CROSS SECTIONS

BARTOLD AVE

SHEET 326 OF 473

P:\2016\160347\4 CADD - DWG\4.7 Tran\03_Preliminary Design\Sheets\XSections\323-442_XS_06_J6S1718.dgn 6:21:07 PM 3/30/2021

J6S1718

34+52.22

34+21.61

33+56.60

EL 445.23
OFF -45.6'

1.93%

EL 446.11
OFF 0.0'

0.10%

EL 446.14
OFF 30.9'

EL 446.30
OFF 31.5'

EL 446.55
OFF 43.7'

EL 444.82
OFF -35.3'

0.74%

EL 445.08
OFF 0.0'

1.55%

EL 444.64
OFF 27.8'

EL 445.14
OFF 28.3'

0.97%

EL 445.20
OFF 34.3'

EL 442.80
OFF 41.5' EXIST. R/W

EL 443.58
OFF -42.3'

EXIST. R/W

1.53%

EL 443.49
OFF -36.0'

EL 442.98
OFF -35.5'

EL 442.99
OFF -35.0'

METRO FO

GAS LINE

WATER LINE

EXIST. R/W

01'

STATE OF MISSOURI
JOHN R. LANDECK
NUMBER PE-2013032918
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY

DATE PREPARED
3/30/2021

ROUTE	STATE
100	MO

DISTRICT	SHEET NO.
SL	327

COUNTY
ST. LOUIS

JOB NO.
J6S1718, B, & C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

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

REV.	DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

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CROSS SECTIONS

HANLEY RD

SHEET 327 OF 473

P:\2016\160347\4 CADD - DWG\4.7 Tran\03_Preliminary Design\Sheets\XSections\323-442_XS_06_J6S1718.dgn 6:21:08 PM 3/30/2021

STATE OF MISSOURI
JOHN R. LANDECK
NUMBER PE-2013032918
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY

DATE PREPARED
3/30/2021

ROUTE	STATE
100	MO
DISTRICT	SHEET NO.
SL	328

COUNTY
ST. LOUIS

JOB NO.
J6S1718, B, & C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

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REV.	DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
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CROSS SECTIONS

HANLEY RD

SHEET 328 OF 473

P:\2016\160347\4 CADD - DWG\4.7 Tran\03_Preliminary Design\Sheets\XSections\323-442_XS_06_J6S1718.dgn 6:21:10 PM 3/30/2021

EL 444.01
OFF 28.0'
EL 443.90
OFF 30.0'
EL 444.40
OFF 30.5'
1.32%
EL 444.48
OFF 36.6'
36+70.65
EX. STORM
SAN. LINE
EXIST. R/W
EL 445.43
OFF -5.0'
EL 445.25
OFF 0.0'
EL 444.36
OFF 31.6'
EL 443.86
OFF 32.1'
1.24%
EL 444.93
OFF 38.1'
EL 444.09
OFF 40.7'
EXIST. R/W
36+53.96
SAN. LINE
EXIST. R/W
EL 445.78
OFF -9.0'
EL 445.62
OFF 0.0'
EL 445.39
OFF 38.0'
EXIST. R/W
36+17.06
EX. STORM
ATT LINE
WATER LINE
EX. STORM
0'

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

455 450 445 440 435 460

P:\2016\160347\4 CADD - DWG\4.7 Tran\03_Preliminary Design\Sheets\XSections\323-442_XS_06_J6S1718.dgn 6:21:11 PM 3/30/2021

STATE OF MISSOURI
JOHN R. LANDECK
NUMBER PE-2013032918
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY

DATE PREPARED
3/30/2021

ROUTE	STATE
100	MO
DISTRICT	SHEET NO.
SL	329

COUNTY
ST. LOUIS

JOB NO.
J6S1718, B, & C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

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

REV.	DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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GEOSPATIAL SERVICES
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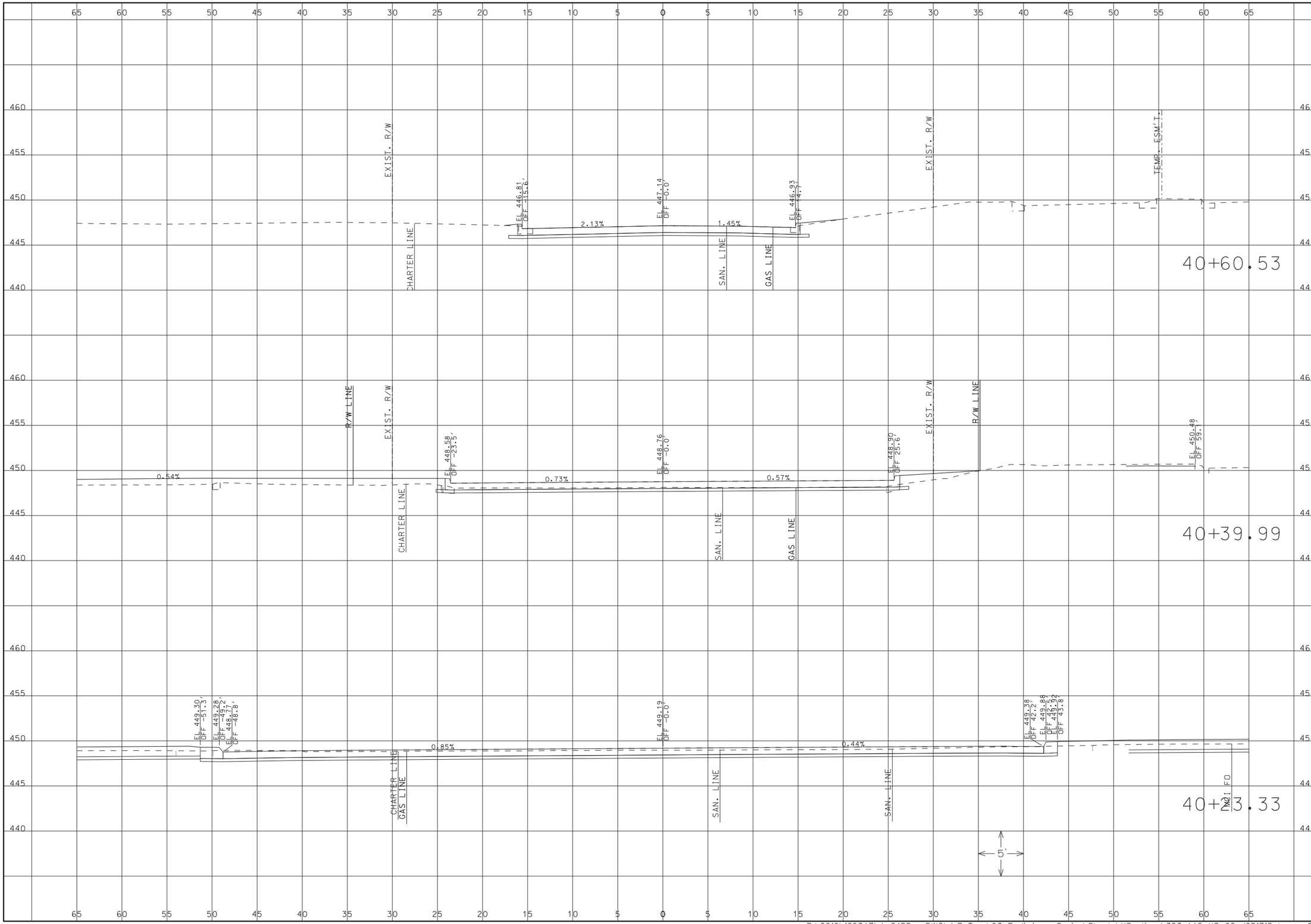
CROSS SECTIONS

HANLEY RD

SHEET 329 OF 473

J6S1718



STATE OF MISSOURI
JOHN R. LANDECK
NUMBER PE-2013032918
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY

DATE PREPARED	3/30/2021
ROUTE	100
STATE	MO
DISTRICT	SL
SHEET NO.	330
COUNTY	ST. LOUIS
JOB NO.	J6S1718, B, & C
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DESCRIPTION

DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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CROSS SECTIONS
BRECKENRIDGE IND CT
SHEET 330 OF 473

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

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J6S1718

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STATE OF MISSOURI
JOHN R. LANDECK
NUMBER PE-2013032918
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY

DATE PREPARED
3/30/2021

ROUTE	STATE
100	MO
DISTRICT	SHEET NO.
SL	331

COUNTY
ST. LOUIS

JOB NO.
J6S1718, B, & C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

NO.	DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
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GEOSPATIAL SERVICES
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CROSS SECTIONS
PORTER AVE
SHEET 331 OF 473

REV.

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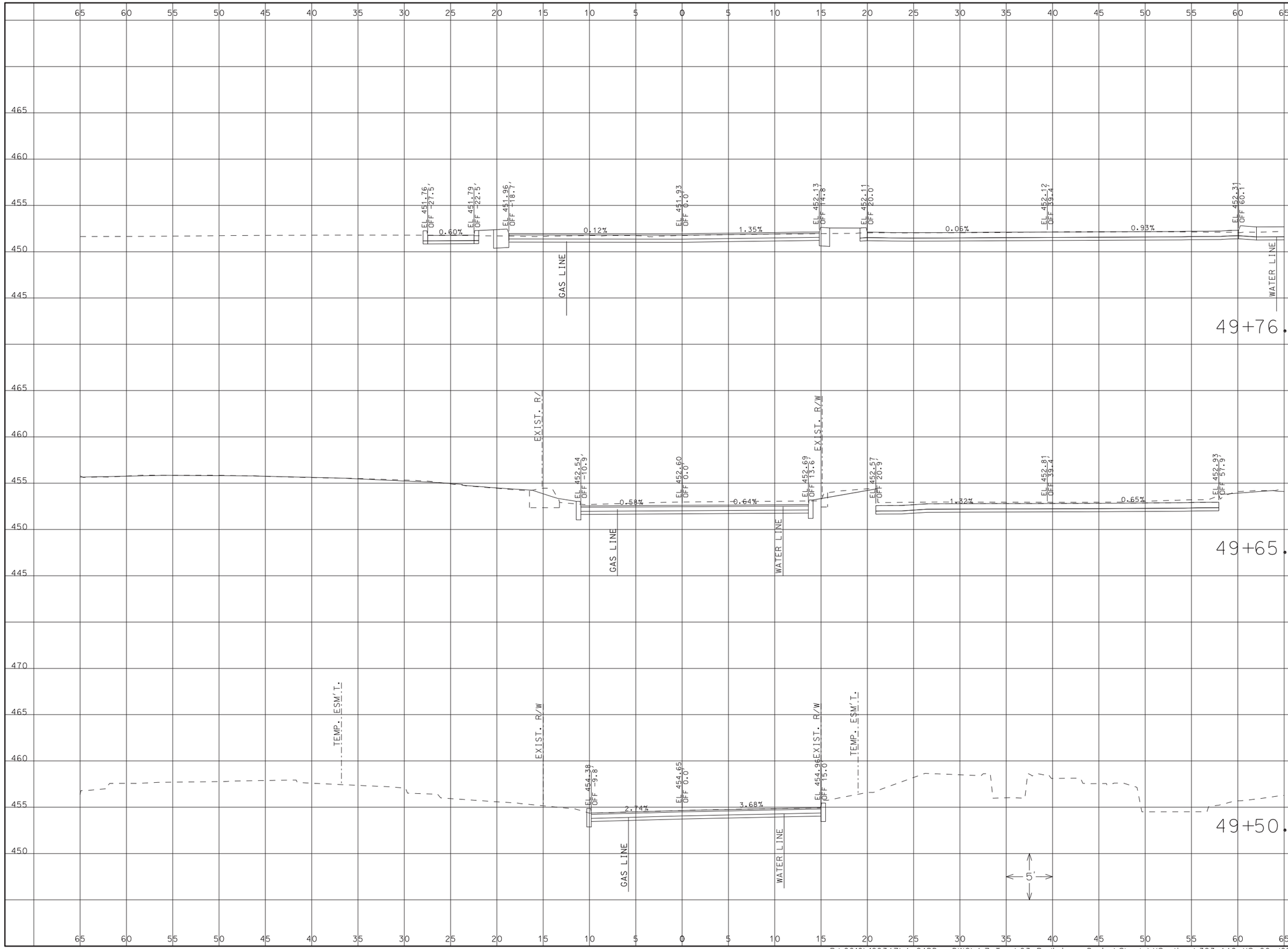
J6S1718



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STATE OF MISSOURI
JOHN R. LANDECK
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ROUTE	STATE
100	MO
DISTRICT	SHEET NO.
SL	332

COUNTY
ST. LOUIS

JOB NO.
J6S1718, B, & C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE	REV.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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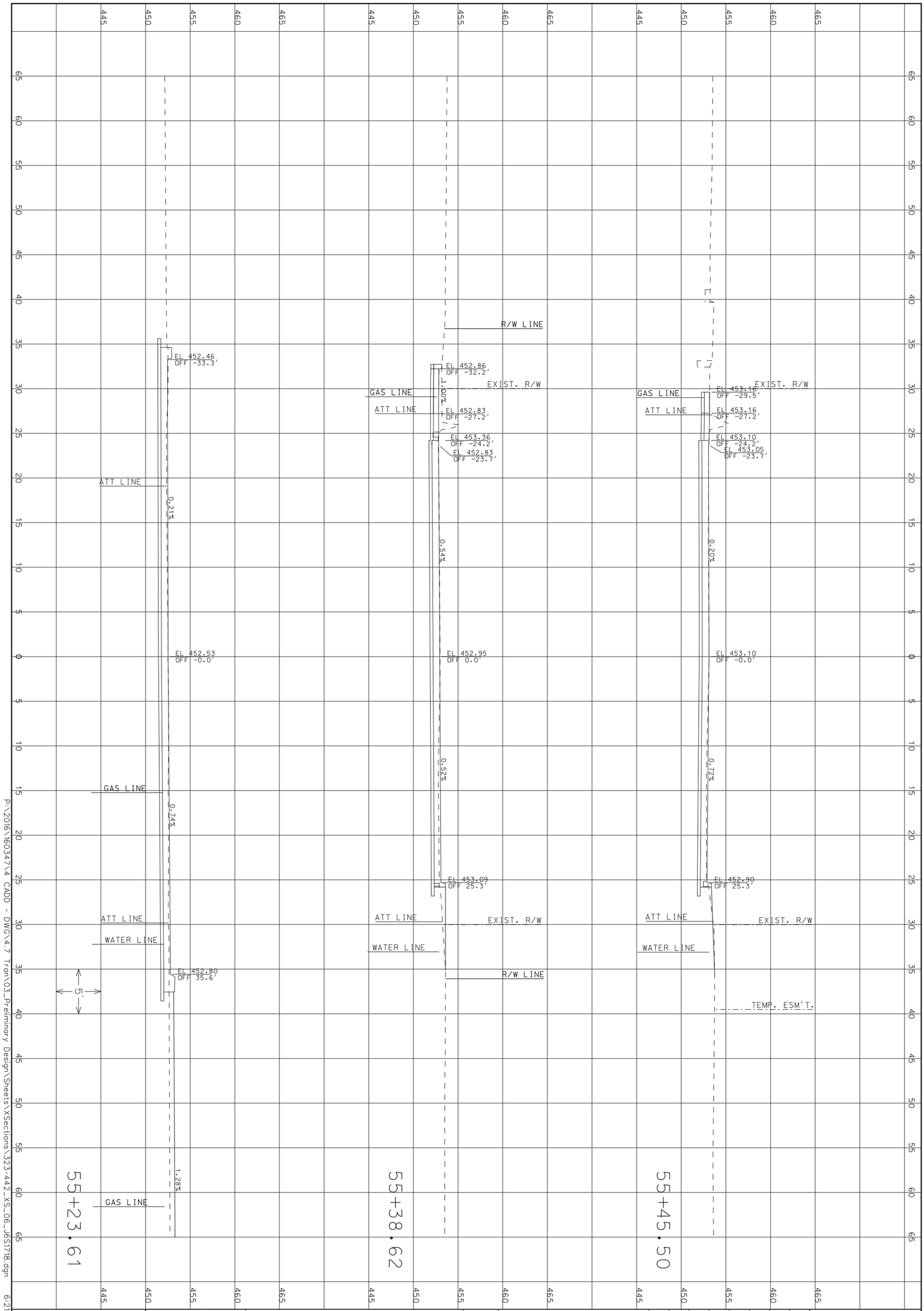
CROSS SECTIONS
MELVIN AVE
SHEET 332 OF 473

P:\2016\160347\4 CADD - DWG\4.7 Tran\03_Preliminary Design\Sheets\XSections\323-442_XS_06_J6S1718.dgn 6:21:16 PM 3/30/2021

J6S1718



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CROSS SECTIONS

MERCANTILE DR

SHEET 333 OF 473

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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

DATE	DESCRIPTION

BRIDGE NO.

PROJECT NO.

CONTRACT ID.

JOB NO. J6S1718, B, & C

COUNTY ST. LOUIS

DISTRICT SL

ROUTE 100

SHEET NO. 333

STATE MO

DATE PREPARED 3/30/2021

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY

STATE OF MISSOURI
JOHN R. LANDECK
NUMBER PE-2013032918
PROFESSIONAL ENGINEER

REV.

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

J6S1718

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

470 465 460 455 450

EL 454.29
OFF -34.1'

1.64%

EL 454.80
OFF -3.3'

EL 454.86
OFF 0.0'

1.90%

EL 455.22
OFF 18.9'

59+79.70

GAS LINE

SAN. LINE

WATER LINE

EXIST. R/W

EL 454.69
OFF 16.7'

2.09%

EL 454.98
OFF -3.3'

EL 455.02
OFF 0.0'

1.94%

EL 455.21
OFF 9.9'

2.36%

59+68.17

ATT LINE

WATER LINE

TEMP. ESM'T.

EL 455.33
OFF 20.7'

EL 455.19
OFF 11.6'

EL 455.08
OFF 16.4'

2.09%

EL 455.37
OFF -3.3'

EL 455.40
OFF 0.0'

1.01%

EL 455.50
OFF 9.7'

EL 455.95
OFF 11.5'

EL 456.21
OFF 16.5'

2.30%

EL 457.31
OFF 64.2'

59+53.93

5'

STATE OF MISSOURI
JOHN R. LANDECK
NUMBER PE-2013032918
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY

DATE PREPARED
3/30/2021

ROUTE	STATE
100	MO

DISTRICT	SHEET NO.
SL	334

COUNTY
ST. LOUIS

JOB NO.
J6S1718, B, & C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

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

REV.	DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
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720 OLIVE STREET, SUITE 200A
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(314) 241-6300
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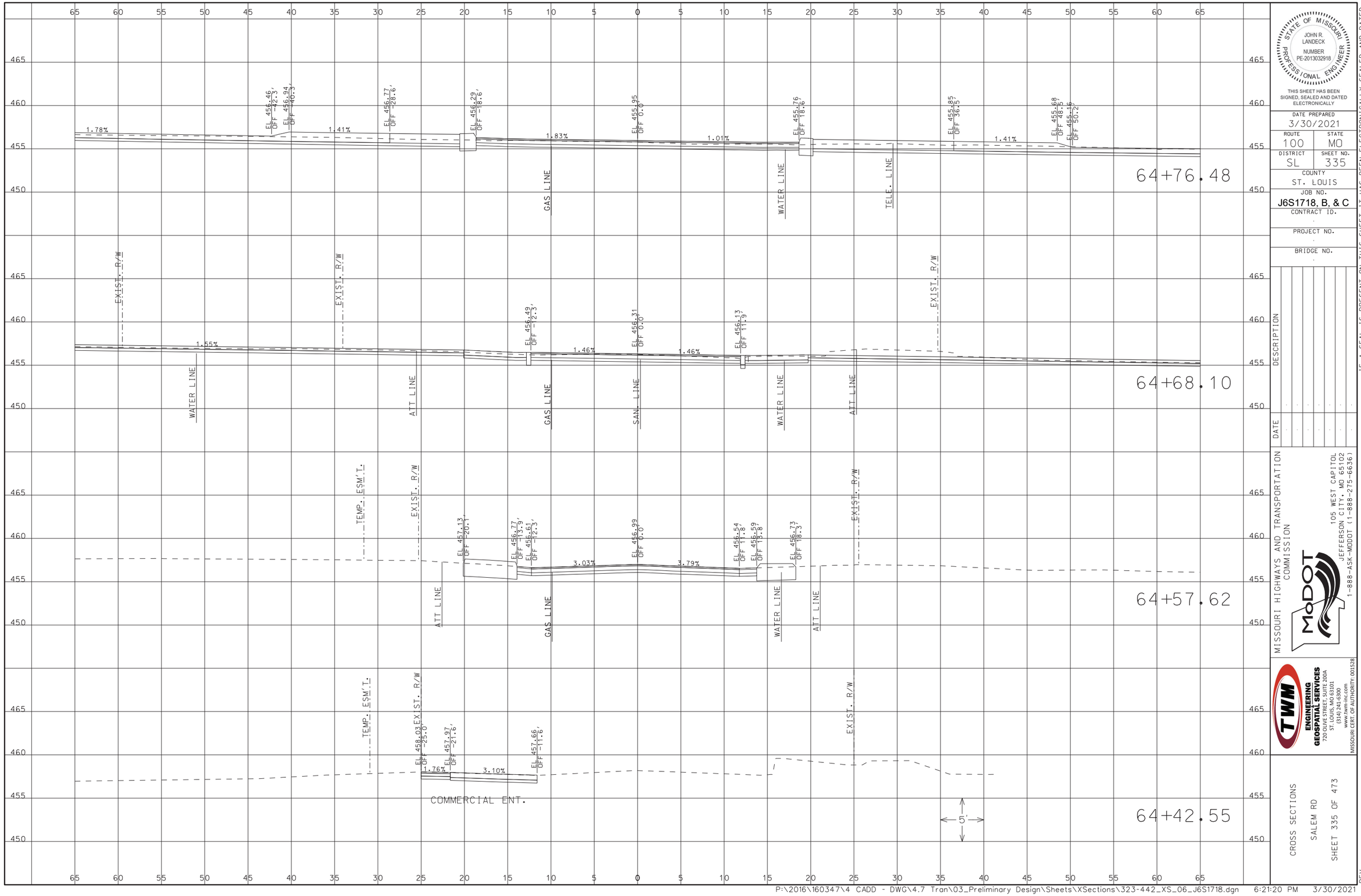
CROSS SECTIONS

LOUIS AVE

SHEET 334 OF 473

P:\2016\160347\4 CADD - DWG\4.7 Tran\03_Preliminary Design\Sheets\XSections\323-442_XS_06_J6S1718.dgn 6:21:19 PM 3/30/2021

J6S1718



STATE OF MISSOURI
JOHN R. LANDECK
NUMBER PE-2013032918
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY

DATE PREPARED
3/30/2021

ROUTE	STATE
100	MO
DISTRICT	SHEET NO.
SL	335

COUNTY
ST. LOUIS

JOB NO.
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CONTRACT ID.

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CROSS SECTIONS

SALEM RD

SHEET 335 OF 473

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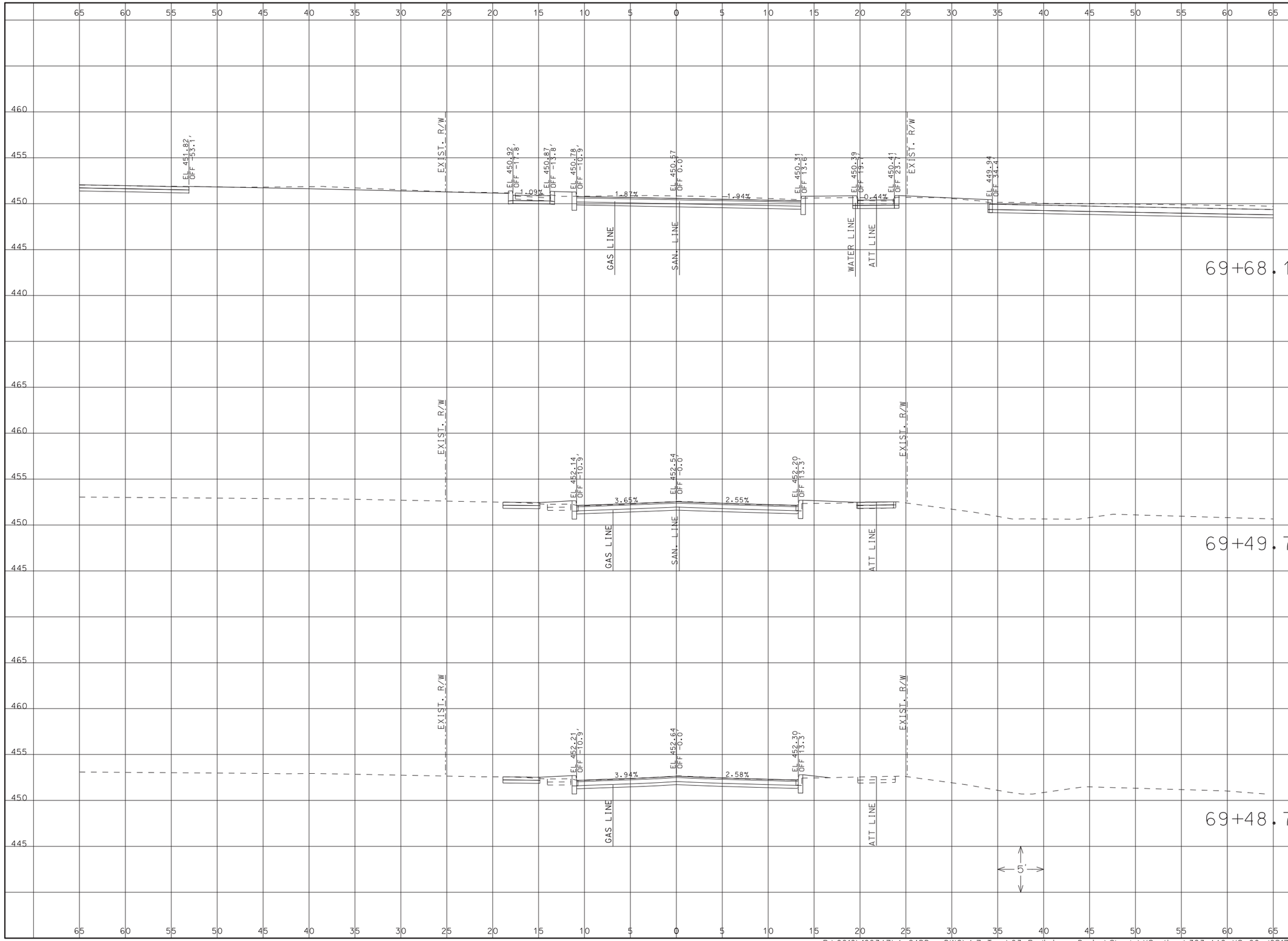
J6S1718



JOHN R. LANDECK
NUMBER PE-2013032918
STATE OF MISSOURI
PROFESSIONAL ENGINEER

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DATE PREPARED
3/30/2021

ROUTE	STATE
100	MO
DISTRICT	SHEET NO.
SL	336

COUNTY
ST. LOUIS

JOB NO.
J6S1718, B, & C

CONTRACT ID.

PROJECT NO.

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CROSS SECTIONS
CECELIA AVE
SHEET 336 OF 473

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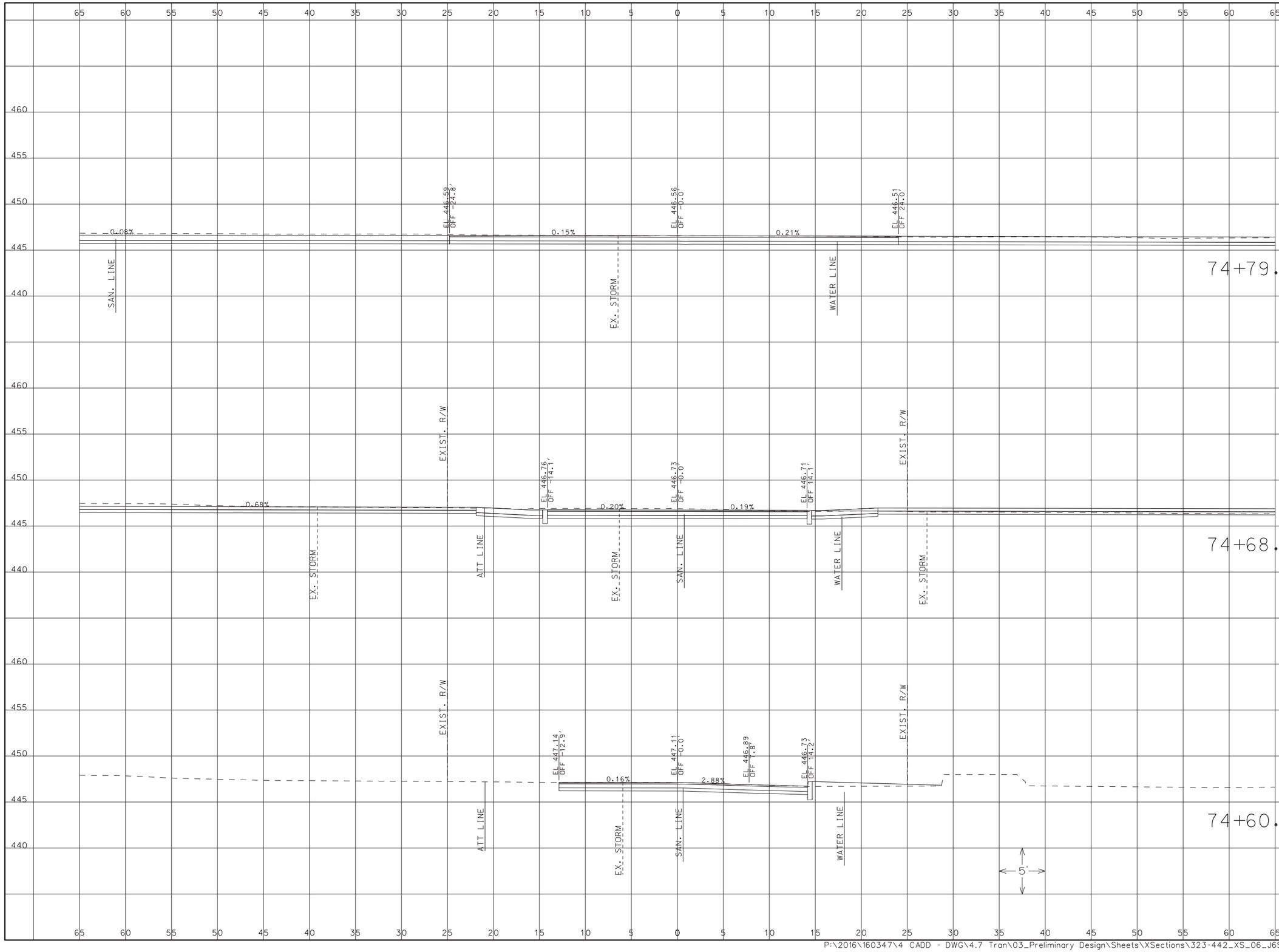
J6S1718



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STATE OF MISSOURI
JOHN R. LANDECK
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ROUTE	STATE
100	MO
DISTRICT	SHEET NO.
SL	337

COUNTY
ST. LOUIS

JOB NO.
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CONTRACT ID.

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BRIDGE NO.

DESCRIPTION	DATE

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CROSS SECTIONS

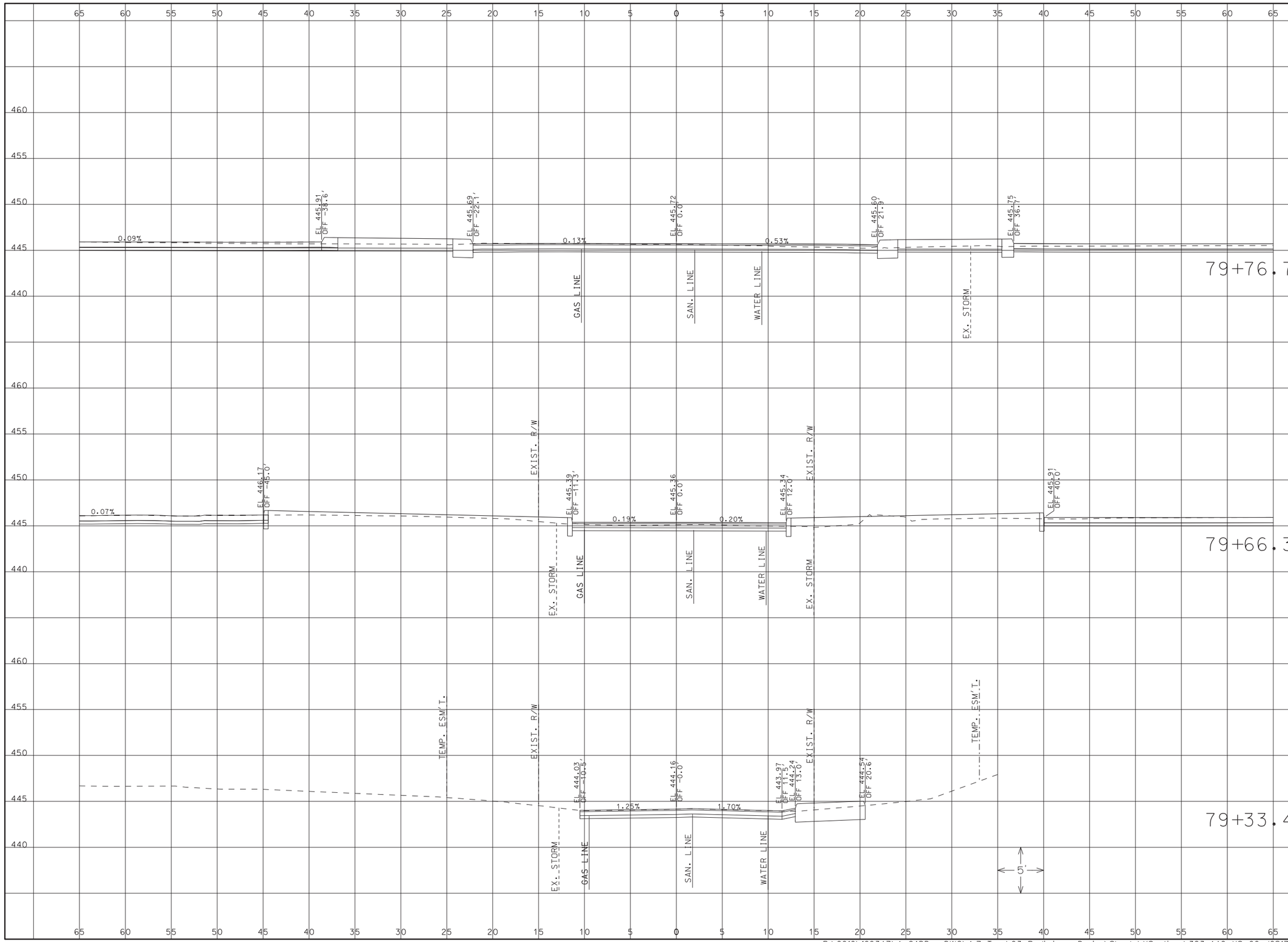
HELEN AVE

SHEET 337 OF 473

REV.

P:\2016\160347\4 CADD - DWG\4.7 Tran\03_Preliminary Design\Sheets\XSections\323-442_XS_06_J6S1718.dgn 6:21:23 PM 3/30/2021

J6S1718



JOHN R. LANDECK
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STATE OF MISSOURI
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ROUTE	STATE
100	MO
DISTRICT	SHEET NO.
SL	338

COUNTY
ST. LOUIS

JOB NO.
J6S1718, B, & C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

REV.	DESCRIPTION	DATE

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CROSS SECTIONS

RUTH AVE

SHEET 338 OF 473

P:\2016\160347\4 CADD - DWG\4.7 Tran\03_Preliminary Design\Sheets\XSections\323-442_XS_06_J6S1718.dgn 6:21:25 PM 3/30/2021

J6S1718

EXIST. R/W

WATER LINE

EL 443.66
OFF -10.7'

EL 443.77
OFF 0.0'

EL 443.89
OFF 9.3'

1.01%

1.34%

EXIST. R/W

85+55.69

EL 445.40
OFF -61.4'

0.14%

EL 445.36
OFF -38.6'

WATER LINE

EL 445.55
OFF -10.1'

0.34%

EL 445.59
OFF 0.0'

0.36%

EL 445.63
OFF 10.1'

EL 446.59
OFF 35.0'

EL 446.62
OFF 38.9'

0.89%

GAS LINE

85+36.79

EX. STORM

EL 445.65
OFF -18.1'

WATER LINE

0.41%

EL 445.73
OFF 0.0'

SAN. LINE

0.33%

EL 445.78
OFF 17.5'

GAS LINE

GAS LINE

GAS LINE

GAS LINE

85+25.15

10'

460 455 450 445 440 435

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

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STATE OF MISSOURI
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ROUTE	STATE
100	MO

DISTRICT	SHEET NO.
SL	339

COUNTY
ST. LOUIS

JOB NO.
J6S1718, B, & C

CONTRACT ID.

PROJECT NO.

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CROSS SECTIONS

BOMPART AVE

SHEET 339 OF 473

J6S1718

EL 455.38
OFF 10.5'

2.29%

EL 455.14
OFF 0.0'

1.26%

EL 455.91
OFF 10.3'

EXIST. R/W

EL 456.05
OFF 17.9'

0.68%

EL 456.09
OFF 24.4'

0.04%

EL 456.09
OFF 32.4'

EL 456.09
OFF 34.8'

EXIST. R/W

ROGERS PARKWAY

SAN. LINE

EX. STORM

GAS LINE

90+57.16

01'

470
465
460
455
450
445

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

STATE OF MISSOURI
JOHN R. LANDECK
NUMBER PE-2013032918
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY

DATE PREPARED
3/30/2021

ROUTE	STATE
100	MO

DISTRICT	SHEET NO.
SL	340

COUNTY
ST. LOUIS

JOB NO.
J6S1718, B, & C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

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REV.	DESCRIPTION	DATE

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CROSS SECTIONS

DOROTHY AVE

SHEET 340 OF 473

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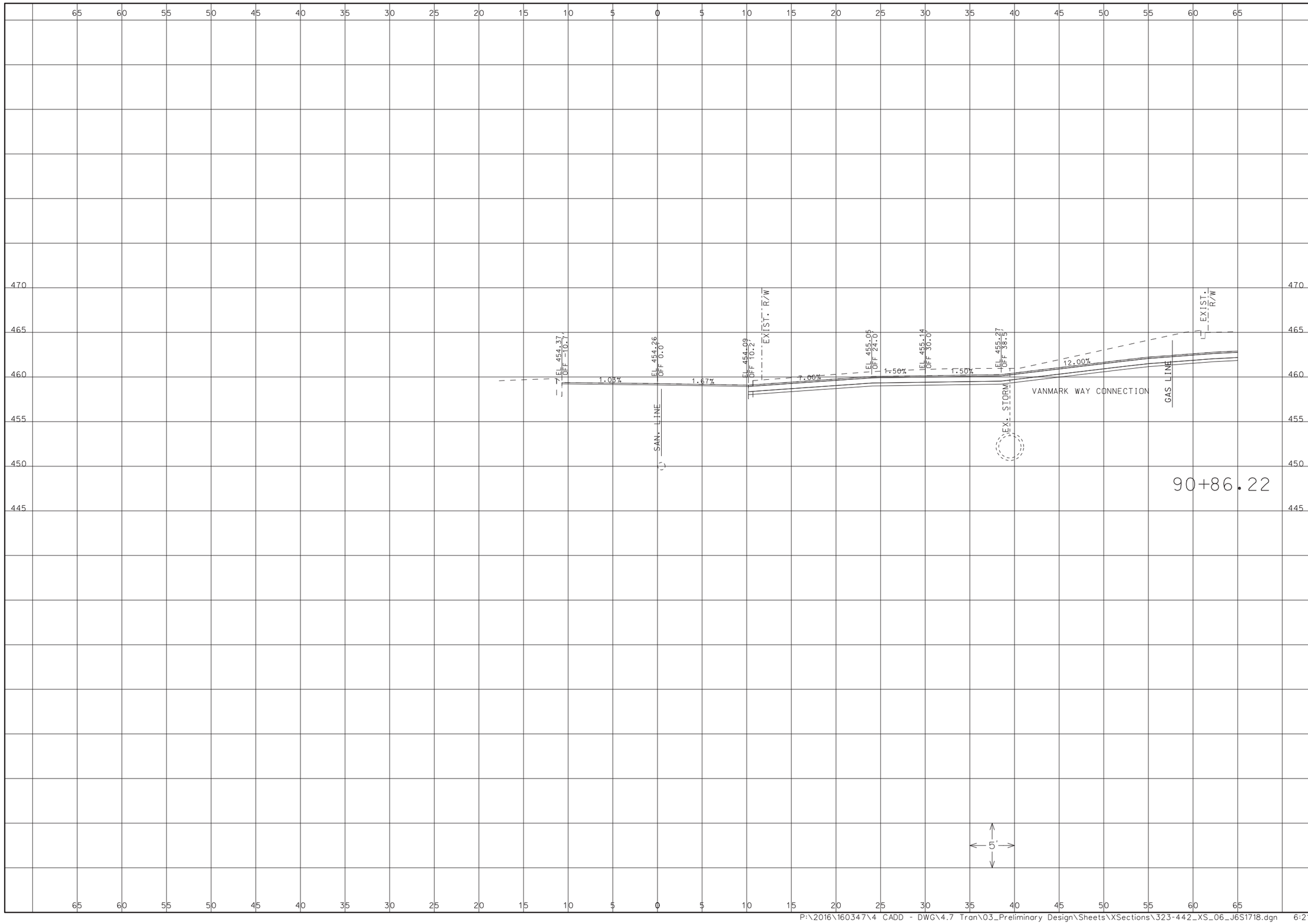

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STATE OF MISSOURI
JOHN R. LANDECK
NUMBER PE-2013032918
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY

DATE PREPARED
3/30/2021

ROUTE	STATE
100	MO

DISTRICT	SHEET NO.
SL	341

COUNTY
ST. LOUIS

JOB NO.
J6S1718, B, & C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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CROSS SECTIONS

DOROTHY AVE

SHEET 341 OF 473

REV.

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STATE OF MISSOURI
JOHN R. LANDECK
NUMBER PE-2013032918
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY

DATE PREPARED
3/30/2021

ROUTE	STATE
100	MO

DISTRICT	SHEET NO.
SL	342

COUNTY
ST. LOUIS

JOB NO.
J6S1718, B, & C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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CROSS SECTIONS
DOROTHY AVE
SHEET 342 OF 473

REV.

P:\2016\160347\4 CADD - DWG\4.7 Tran\03_Preliminary Design\Sheets\XSections\323-442_XS_06_J6S1718.dgn 6:21:30 PM 3/30/2021

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STATE OF MISSOURI
JOHN R. LANDECK
NUMBER PE-2013032918
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY

DATE PREPARED
3/30/2021

ROUTE	STATE
100	MO
DISTRICT	SHEET NO.
SL	343

COUNTY
ST. LOUIS

JOB NO.
J6S1718, B, & C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

REV.	DESCRIPTION	DATE

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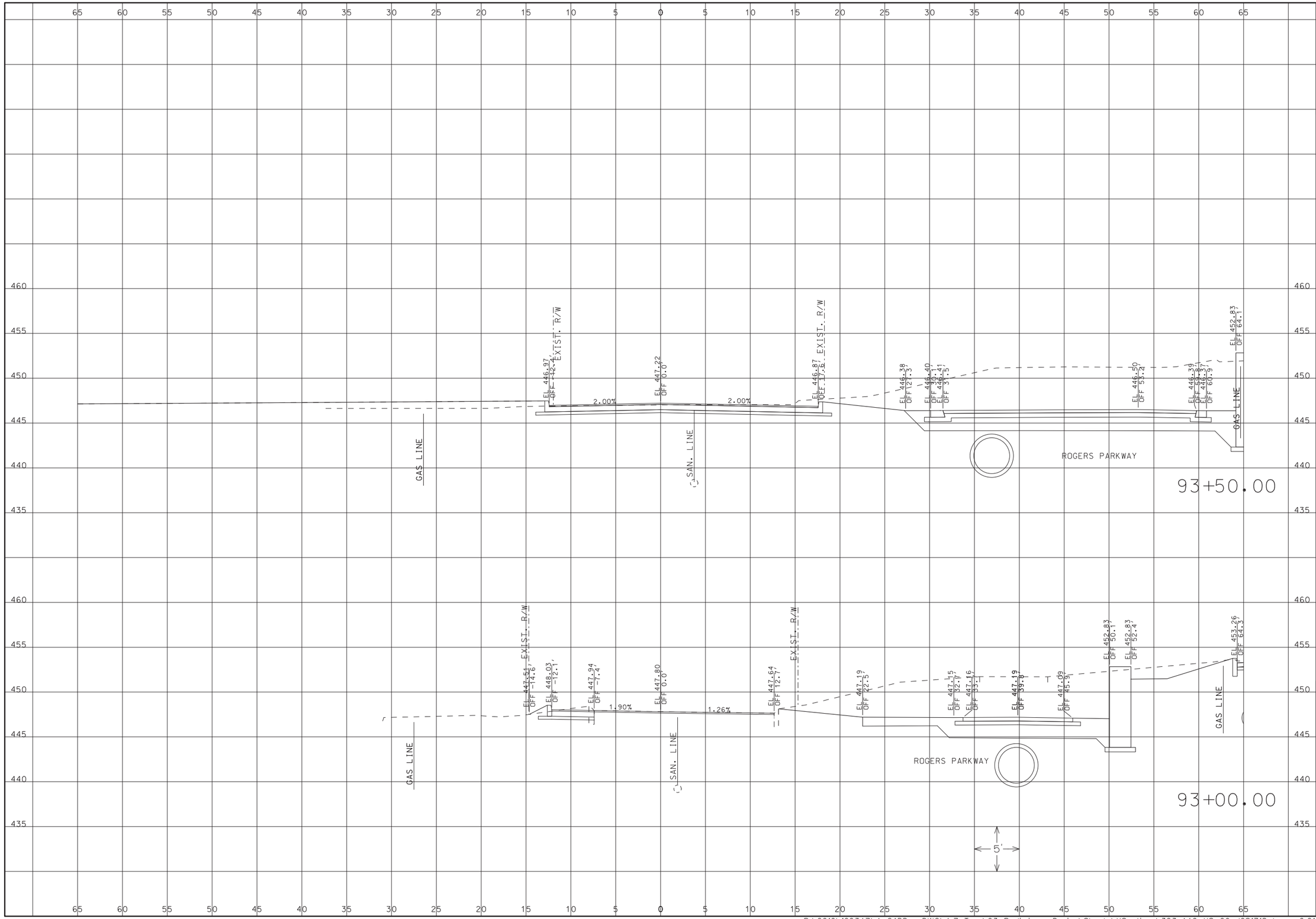
CROSS SECTIONS
DOROTHY AVE
SHEET 343 OF 473

P:\2016\160347\4 CADD - DWG\4.7 Tran\03_Preliminary Design\Sheets\XSections\323-442_XS_06_J6S1718.dgn 6:21:32 PM 3/30/2021



STATE OF MISSOURI
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100	MO
DISTRICT	SHEET NO.
SL	344

COUNTY
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JOB NO.
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CROSS SECTIONS
DOROTHY AVE
SHEET 344 OF 473

REV.

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EL 447.22
OFF -13.0'
EXIST. R/W
EL 447.48
OFF 0.0'
2.00%
1.50%
EXIST. R/W
EL 447.15
OFF 22.0'
EL 447.93
OFF 33.4'
0.90%
EL 447.98
OFF 38.4'
EL 444.85
OFF 58.5'
EL 444.82
OFF 60.4'
EL 444.81
OFF 61.3'
GAS LINE
SAN. LINE
94+00.00

EL 446.95
OFF -12.5'
EXIST. R/W
EL 447.20
OFF 0.0'
2.00%
2.00%
EL 446.82
OFF 19.1'
EXIST. R/W
EL 446.57
OFF 28.4'
1.44%
EL 446.64
OFF 34.4'
EL 446.46
OFF 38.1'
EL 446.26
OFF 41.1'
EL 446.26
OFF 42.6'
EL 446.25
OFF 58.0'
EL 446.10
OFF 64.7'
GAS LINE
SAN. LINE
ROGERS PARKWAY
93+60.46
0'

65 60 55 50 45 40 35 30 25 20 15 10 5 0 5 10 15 20 25 30 35 40 45 50 55 60 65
460 455 450 445 440 435

STATE OF MISSOURI
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ROUTE	STATE
100	MO

DISTRICT	SHEET NO.
SL	345

COUNTY
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CROSS SECTIONS
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SHEET 345 OF 473

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ROUTE	STATE
100	MO

DISTRICT	SHEET NO.
SL	346

COUNTY
ST. LOUIS

JOB NO.
J6S1718, B, & C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

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CROSS SECTIONS
DOROTHY AVE
SHEET 346 OF 473

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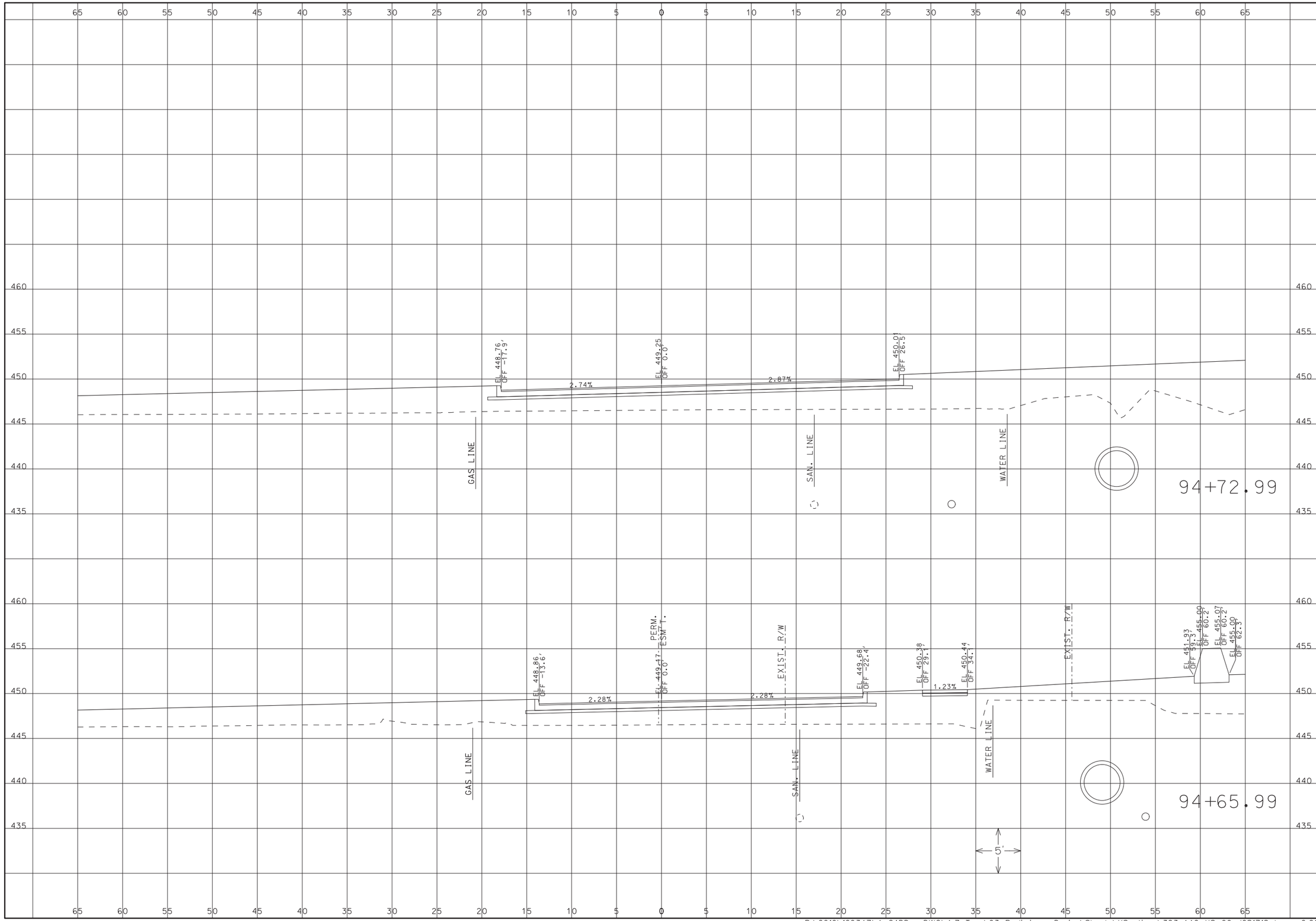

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STATE OF MISSOURI
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ROUTE	STATE
100	MO

DISTRICT	SHEET NO.
SL	347

COUNTY
ST. LOUIS

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CROSS SECTIONS

DOROTHY AVE

SHEET 347 OF 473

REV.

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

460
455
450
445
440
435

3.32%

EL 449.77
OFF 0.0'

GAS LINE

ROUTE 100

95+00.00

5'

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

P:\2016\160347\4 CADD - DWG\4.7 Tran\03_Preliminary Design\Sheets\XSections\323-442_XS_06_J6S1718.dgn 6:21:39 PM 3/30/2021

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ROUTE	STATE
100	MO

DISTRICT	SHEET NO.
SL	348

COUNTY
ST. LOUIS

JOB NO.
J6S1718, B, & C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

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

REV.	DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
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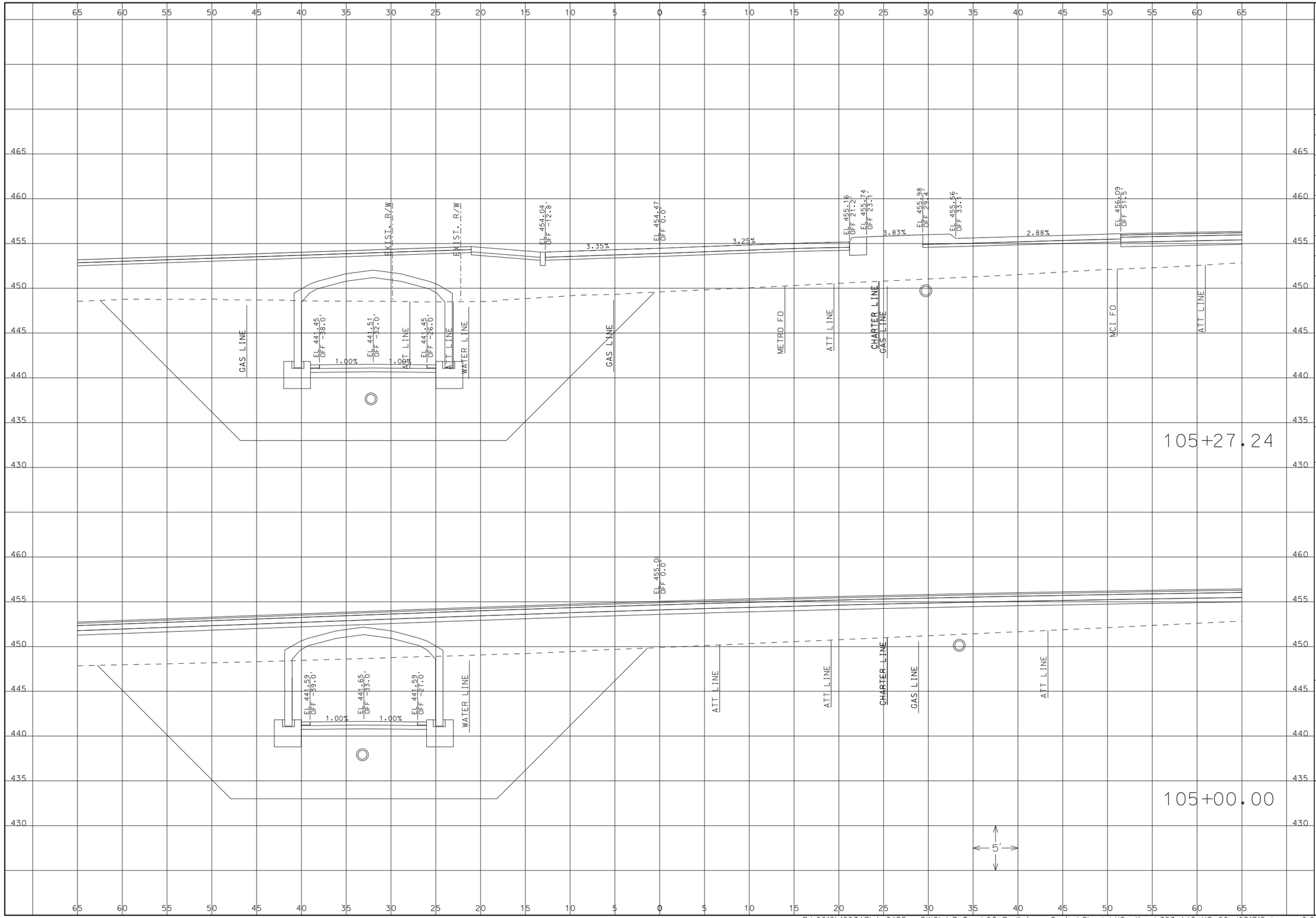
CROSS SECTIONS

DOROTHY AVE

SHEET 348 OF 473

J6S1718



JOHN R. LANDECK
NUMBER PE-2013032918
STATE OF MISSOURI
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY

DATE PREPARED
3/30/2021

ROUTE	STATE
100	MO
DISTRICT	SHEET NO.
SL	349

COUNTY
ST. LOUIS

JOB NO.
J6S1718, B, & C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

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CROSS SECTIONS
MARY AVE SOUTH
SHEET 349 OF 473

REV.

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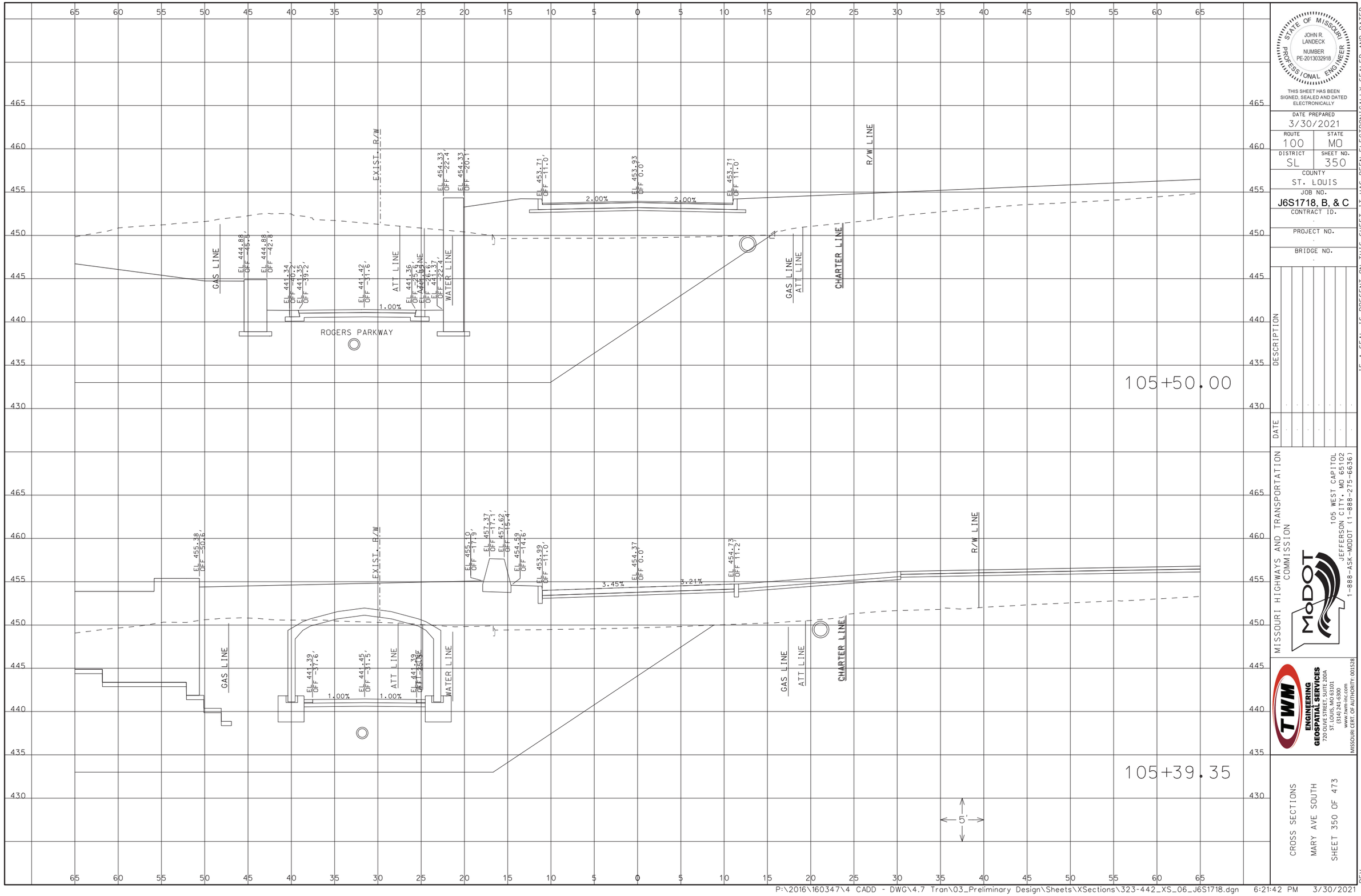
J6S1718



JOHN R. LANDECK
NUMBER PE-2013032918
STATE OF MISSOURI
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY

DATE PREPARED
3/30/2021

ROUTE	STATE
100	MO
DISTRICT	SHEET NO.
SL	350

COUNTY
ST. LOUIS

JOB NO.
J6S1718, B, & C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

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CROSS SECTIONS
MARY AVE SOUTH
SHEET 350 OF 473

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REV.

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J6S1718

EL 444.58
OFF -55.9'

EL 444.51
OFF -52.9'

EXIST. R/W

WATER LINE

EL 449.06
OFF -15.3'

EL 448.64
OFF -11.0'

2.00%

EL 448.86
OFF 0.0'

2.00%

EL 448.64
OFF 11.0'

EL 449.15
OFF 13.3'

GAS LINE

R/W LINE

CHARTER LINE

106+50.00

EL 442.65
OFF -42.0'

EL 442.50
OFF -35.5'

EL 442.50
OFF -34.5'

EL 446.83
OFF -31.6'

EL 446.83
OFF -29.1'

EXIST. R/W

ATT LINE

ATT LINE

WATER LINE

ROGERS PARKWAY

EL 451.32
OFF -15.3'

EL 450.89
OFF -11.0'

2.00%

EL 451.11
OFF 0.0'

2.00%

EL 450.89
OFF 11.0'

EL 451.22
OFF 19.6'

R/W LINE

GAS LINE

ATT LINE

CHARTER LINE

CHARTER LINE

106+00.00

5'

P:\2016\160347\4 CADD - DWG\4.7 Tran\03_Preliminary Design\Sheets\XSections\323-442_XS_06_J6S1718.dgn 6:21:44 PM 3/30/2021

STATE OF MISSOURI
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NUMBER PE-2013032918
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ROUTE	STATE
100	MO
DISTRICT	SHEET NO.
SL	351

COUNTY
ST. LOUIS

JOB NO.
J6S1718, B, & C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

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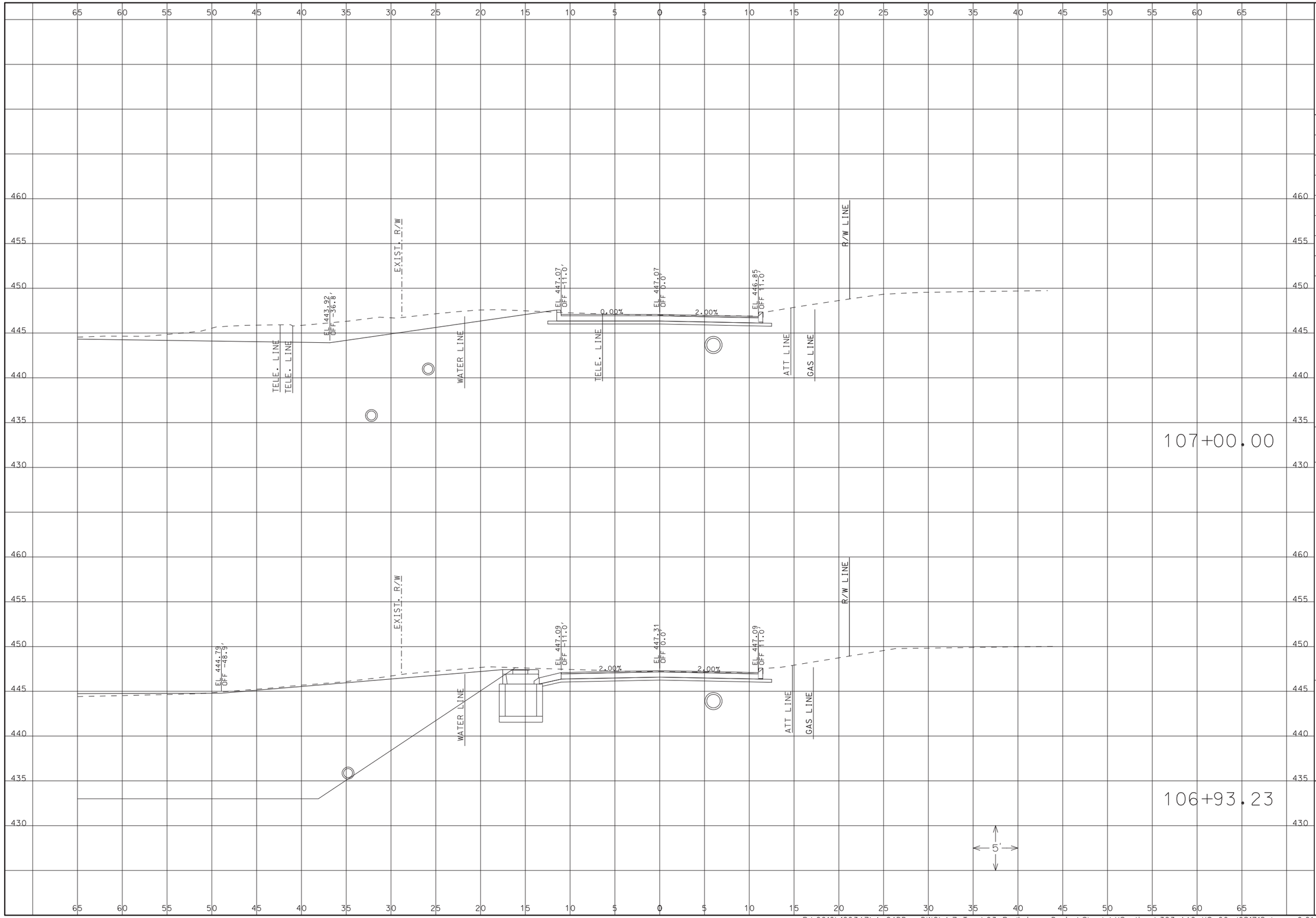
CROSS SECTIONS

MARY AVE SOUTH

SHEET 351 OF 473

REV.

J6S1718



STATE OF MISSOURI
JOHN R. LANDECK
NUMBER PE-2013032918
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THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY

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ROUTE	STATE
100	MO
DISTRICT	SHEET NO.
SL	352

COUNTY
ST. LOUIS

JOB NO.
J6S1718, B, & C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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CROSS SECTIONS

MARY AVE SOUTH

SHEET 352 OF 473

REV.

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J6S1718

EL 445.03
OFF -41.9'

EXIST. R/W

EL 447.58
OFF -16.3'

EL 446.47
OFF 0.10'

EL 446.45
OFF 1.9'

2.00%

EL 446.27
OFF 11.3'

R/W LINE

WATER LINE

ATT LINE

GAS LINE

107+20.00

0'

P:\2016\160347\4 CADD - DWG\4.7 Tran\03_Preliminary Design\Sheets\XSections\323-442_XS_06_J6S1718.dgn 6:21:47 PM 3/30/2021

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

DATE PREPARED
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ROUTE	STATE
100	MO

DISTRICT	SHEET NO.
SL	353

COUNTY
ST. LOUIS

JOB NO.
J6S1718, B, & C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

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CROSS SECTIONS

MARY AVE SOUTH

SHEET 353 OF 473

J6S1718

EXIST. R/W
EL 459.29
OFF -4.5'
3.02%
EL 456.42
OFF 0'0"
3.02%
EL 455.56
OFF 4.5'
SAN. LINE
EX. STORM
GAS LINE
EXIST. R/W
1+47.07
5'

STATE OF MISSOURI
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ROUTE	STATE
100	MO

DISTRICT	SHEET NO.
SL	354

COUNTY
ST. LOUIS

JOB NO.
J6S1718, B, & C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

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CROSS SECTIONS

ROGERS PARKWAY

SHEET 354 OF 473

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J6S1718

EXIST. R/W

EL 456.26
OFF -4.5'

EL 456.39
OFF 0.0'

EL 456.52
OFF 4.5'

EL 456.54
OFF 6.5'

EL 456.76
OFF 7.5'

2.95%

2.90%

SAN. LINE

EX. STORM

GAS LINE

EXIST. R/W

1+50.00

5'

470
465
460
455
450
445

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

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STATE OF MISSOURI
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3/30/2021

ROUTE	STATE
100	MO

DISTRICT	SHEET NO.
SL	355

COUNTY
ST. LOUIS

JOB NO.
J6S1718, B, & C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

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REV.	DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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CROSS SECTIONS

ROGERS PARKWAY

SHEET 355 OF 473

J6S1718

EL 452.58
OFF -40.9'

EL 452.38
OFF -30.0'

EL 452.75
OFF -19.0'

EXIST. R/W

EL 453.11
OFF -17.0'

0.50%

EL 453.16
OFF -7.0'

EL 453.17
OFF -6.0'

1.00%

EL 453.23
OFF 0.0'

1.00%

EL 453.17
OFF 6.0'

EL 453.14
OFF 9.0'

EL 452.62
OFF 15.8'

EXIST. R/W

EXIST. R/W

DOROTHY AVENUE

SAN. LINE

EX. STORM

GAS LINE

2+50.00

EL 454.28
OFF -40.6'

EL 454.16
OFF -30.0'

EL 453.98
OFF -19.8'

EL 454.29
OFF -19.3'

EXIST. R/W

EL 454.65
OFF -13.9'

7.03%

EL 454.95
OFF -6.0'

1.50%

EL 455.04
OFF 0.0'

1.50%

EL 455.17
OFF 8.5'

11.49%

EL 457.33
OFF 27.3'

EXIST. R/W

7.83%

EL 459.17
OFF 57.2'

EXIST. R/W

DOROTHY AVENUE

SAN. LINE

EX. STORM

GAS LINE

VANMARK WAY CONNECTION

2+00.00

5'

465
460
455
450
445
440

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

STATE OF MISSOURI
JOHN R. LANDECK
NUMBER PE-2013032918
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY

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ROUTE	STATE
100	MO

DISTRICT	SHEET NO.
SL	356

COUNTY
ST. LOUIS

JOB NO.
J6S1718, B, & C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

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REV.	DATE	DESCRIPTION

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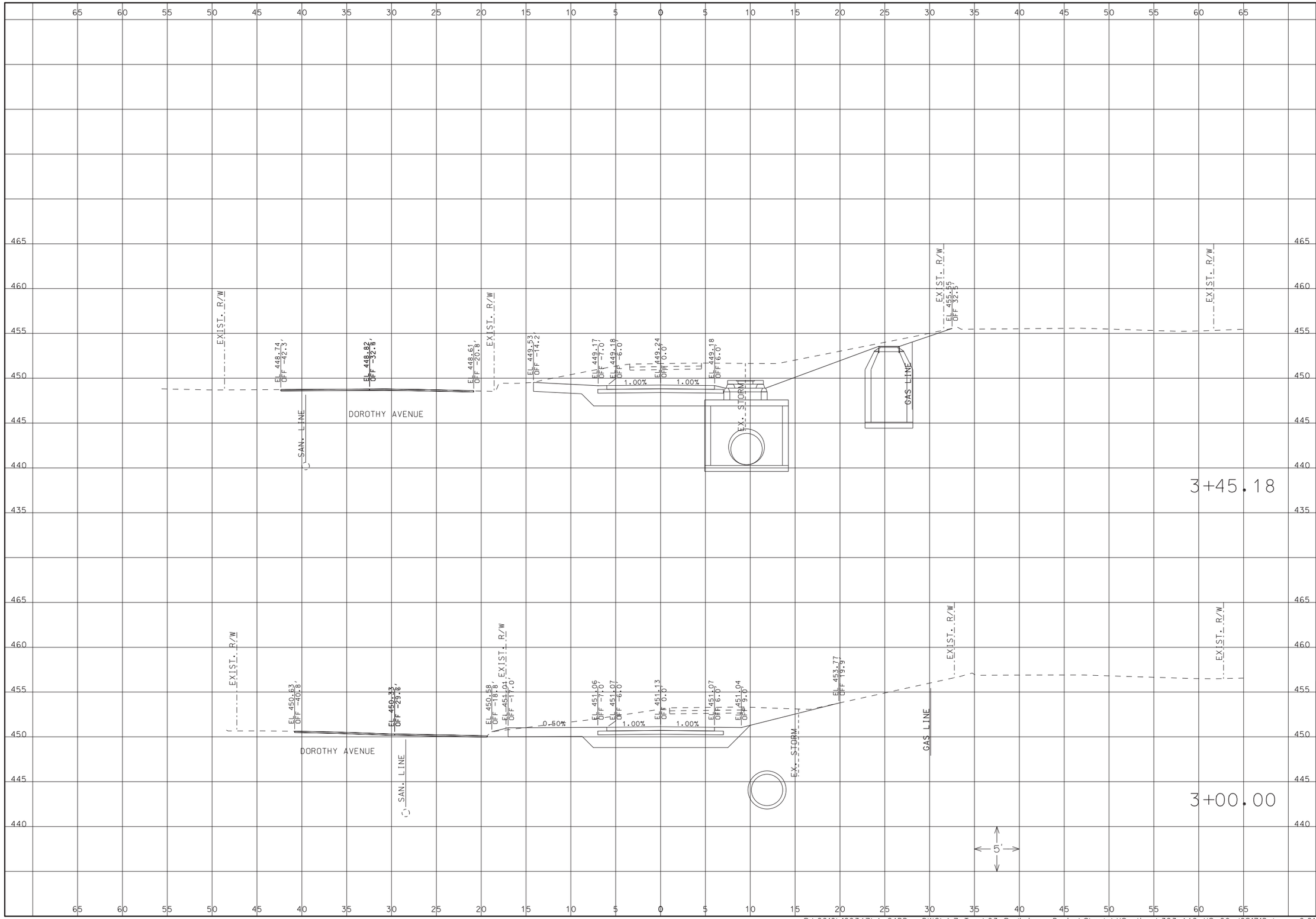
CROSS SECTIONS

ROGERS PARKWAY

SHEET 356 OF 473

P:\2016\160347\4 CADD - DWG\4.7 Tran\03_Preliminary Design\Sheets\XSections\323-442_XS_06_J6S1718.dgn 6:21:51 PM 3/30/2021

J6S1718



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STATE OF MISSOURI
JOHN R. LANDECK
NUMBER PE-2013032918
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3/30/2021

ROUTE	STATE
100	MO
DISTRICT	SHEET NO.
SL	357

COUNTY
ST. LOUIS

JOB NO.
J6S1718, B, & C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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CROSS SECTIONS

ROGERS PARKWAY

SHEET 357 OF 473

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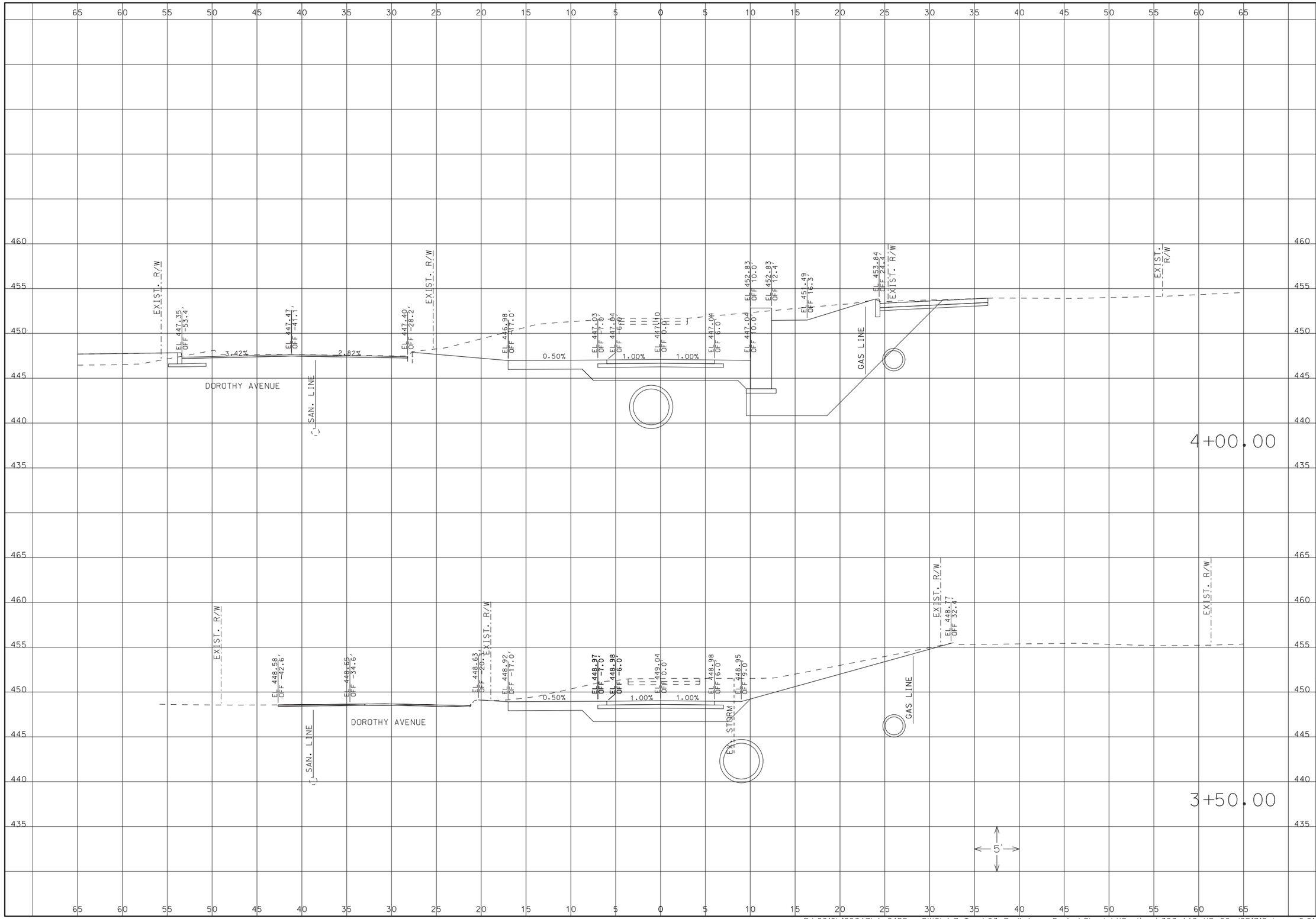
J6S1718



STATE OF MISSOURI
JOHN R. LANDECK
NUMBER PE-2013032918
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THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY

DATE PREPARED
3/30/2021

ROUTE	STATE
100	MO
DISTRICT	SHEET NO.
SL	358

COUNTY
ST. LOUIS

JOB NO.
J6S1718, B, & C

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DESCRIPTION	DATE

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CROSS SECTIONS

ROGERS PARKWAY

SHEET 358 OF 473

REV.

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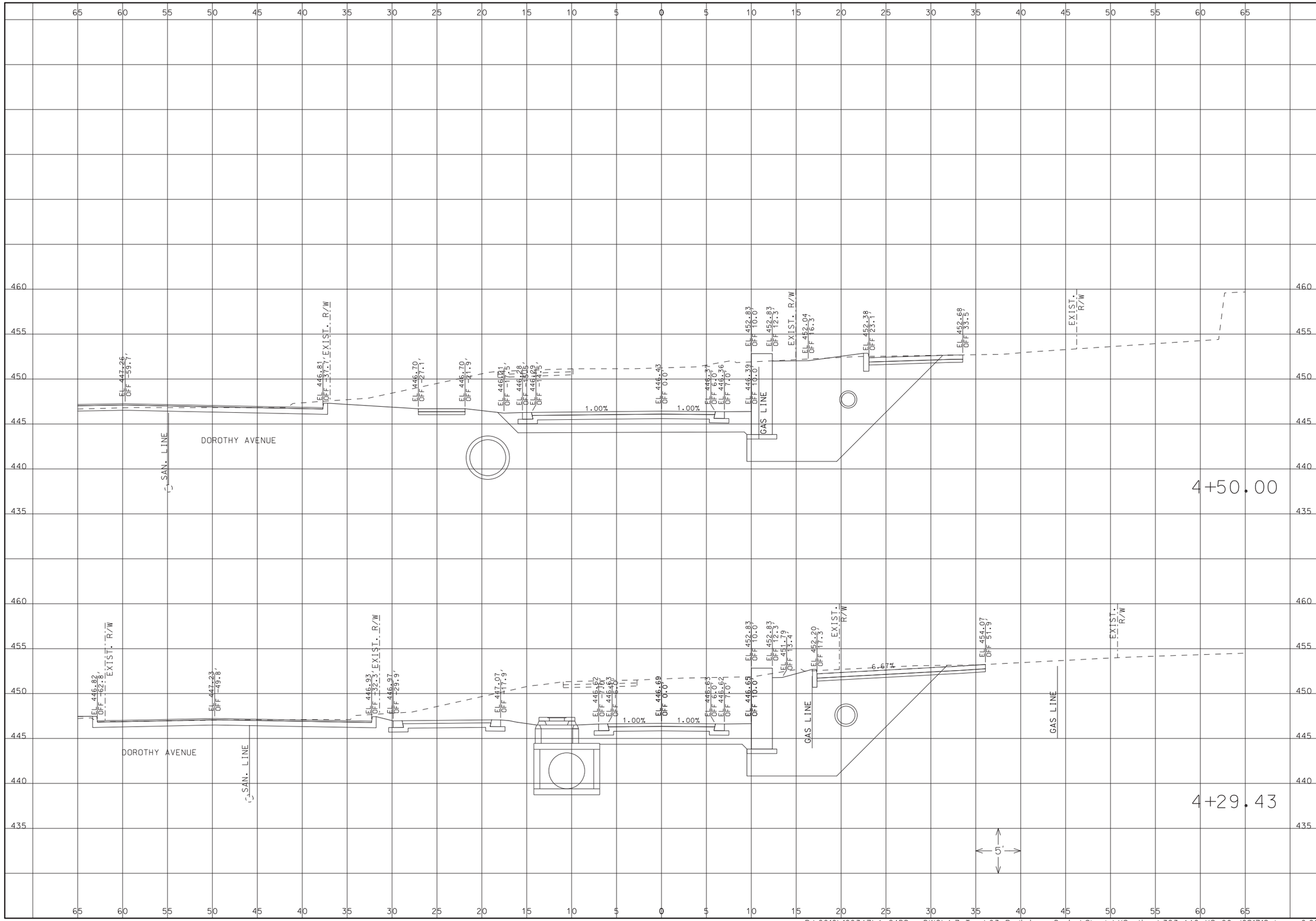

JOHN R. LANDECK
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STATE OF MISSOURI
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ROUTE	STATE
100	MO
DISTRICT	SHEET NO.
SL	359

COUNTY
ST. LOUIS

JOB NO.
J6S1718, B, & C

CONTRACT ID.

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BRIDGE NO.

DESCRIPTION	DATE

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CROSS SECTIONS

ROGERS PARKWAY

SHEET 359 OF 473

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STATE OF MISSOURI
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ROUTE	STATE
100	MO

DISTRICT	SHEET NO.
SL	360

COUNTY
ST. LOUIS

JOB NO.
J6S1718, B, & C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

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CROSS SECTIONS

ROGERS PARKWAY

SHEET 360 OF 473

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ROUTE	STATE
100	MO
DISTRICT	SHEET NO.
SL	361

COUNTY
ST. LOUIS

JOB NO.
J6S1718, B, & C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

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CROSS SECTIONS
ROGERS PARKWAY
SHEET 361 OF 473

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STATE OF MISSOURI
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DATE PREPARED
3/30/2021

ROUTE	STATE
100	MO
DISTRICT	SHEET NO.
SL	362

COUNTY
ST. LOUIS

JOB NO.
J6S1718, B, & C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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CROSS SECTIONS

ROGERS PARKWAY

SHEET 362 OF 473

REV.

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DATE PREPARED
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ROUTE	STATE
100	MO
DISTRICT	SHEET NO.
SL	363

COUNTY
ST. LOUIS

JOB NO.
J6S1718, B, & C

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PROJECT NO.

BRIDGE NO.

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REV.	DESCRIPTION	DATE

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CROSS SECTIONS
ROGERS PARKWAY
SHEET 363 OF 473

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REV.

CROSS SECTIONS
ROGERS PARKWAY
SHEET 364 OF 473

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

DATE	DESCRIPTION

BRIDGE NO.
PROJECT NO.
CONTRACT ID.
JOB NO. J6S1718, B, & C
COUNTY ST. LOUIS
DISTRICT SL
ROUTE 100
STATE MO
SHEET NO. 364
DATE PREPARED 3/30/2021

THIS SHEET HAS BEEN SIGNED AND SEALED ELECTRONICALLY

STATE OF MISSOURI
ENGINEER
JOHN R. LANDECK
NUMBER PE-2013032918
PROFESSIONAL

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

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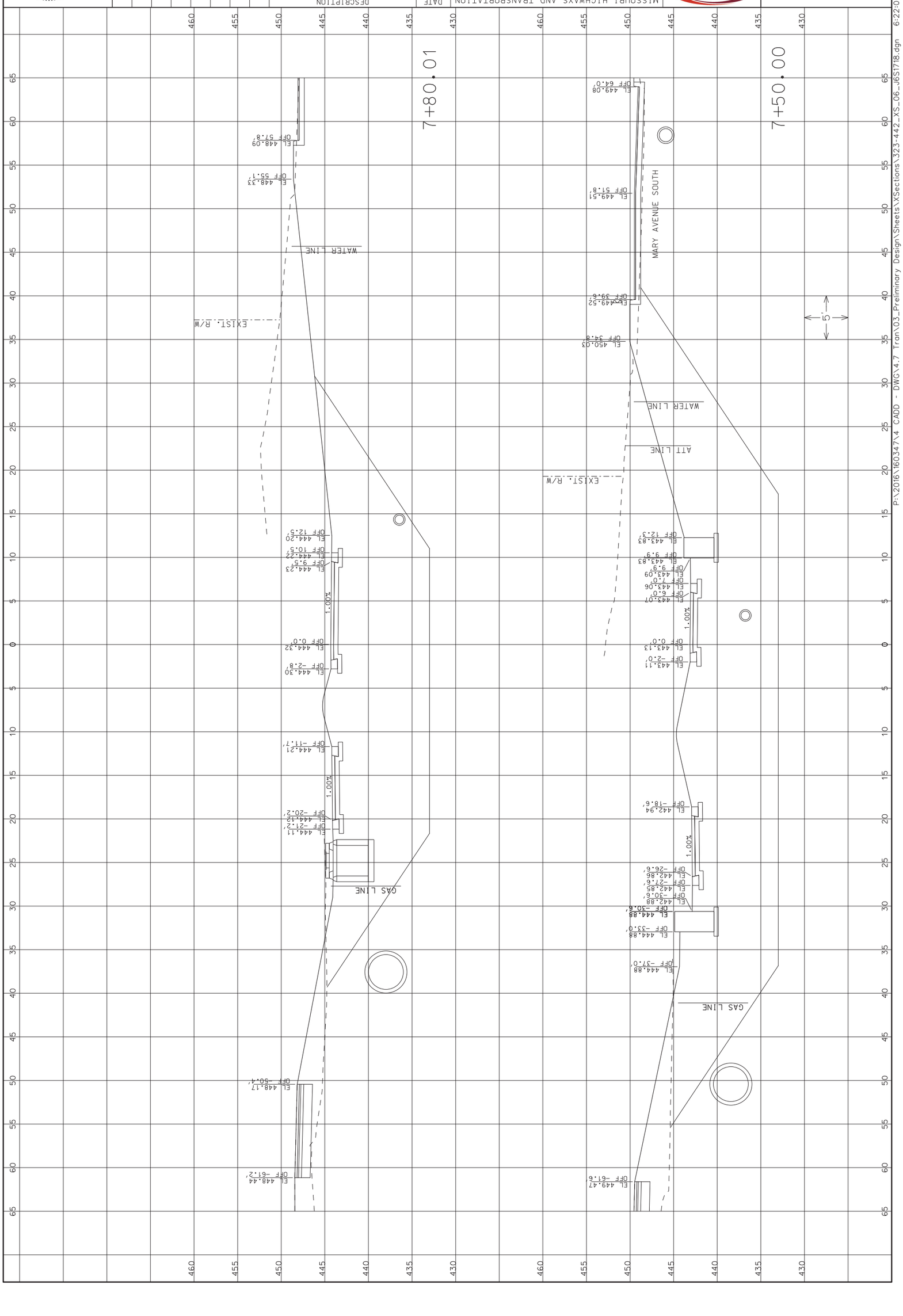

STATE OF MISSOURI
JOHN R. LANDECK
NUMBER PE-2013032918
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY

DATE PREPARED
3/30/2021

ROUTE	STATE
100	MO

DISTRICT	SHEET NO.
SL	365

COUNTY
ST. LOUIS

JOB NO.
J6S1718, B, & C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

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

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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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CROSS SECTIONS

ROGERS PARKWAY

SHEET 365 OF 473

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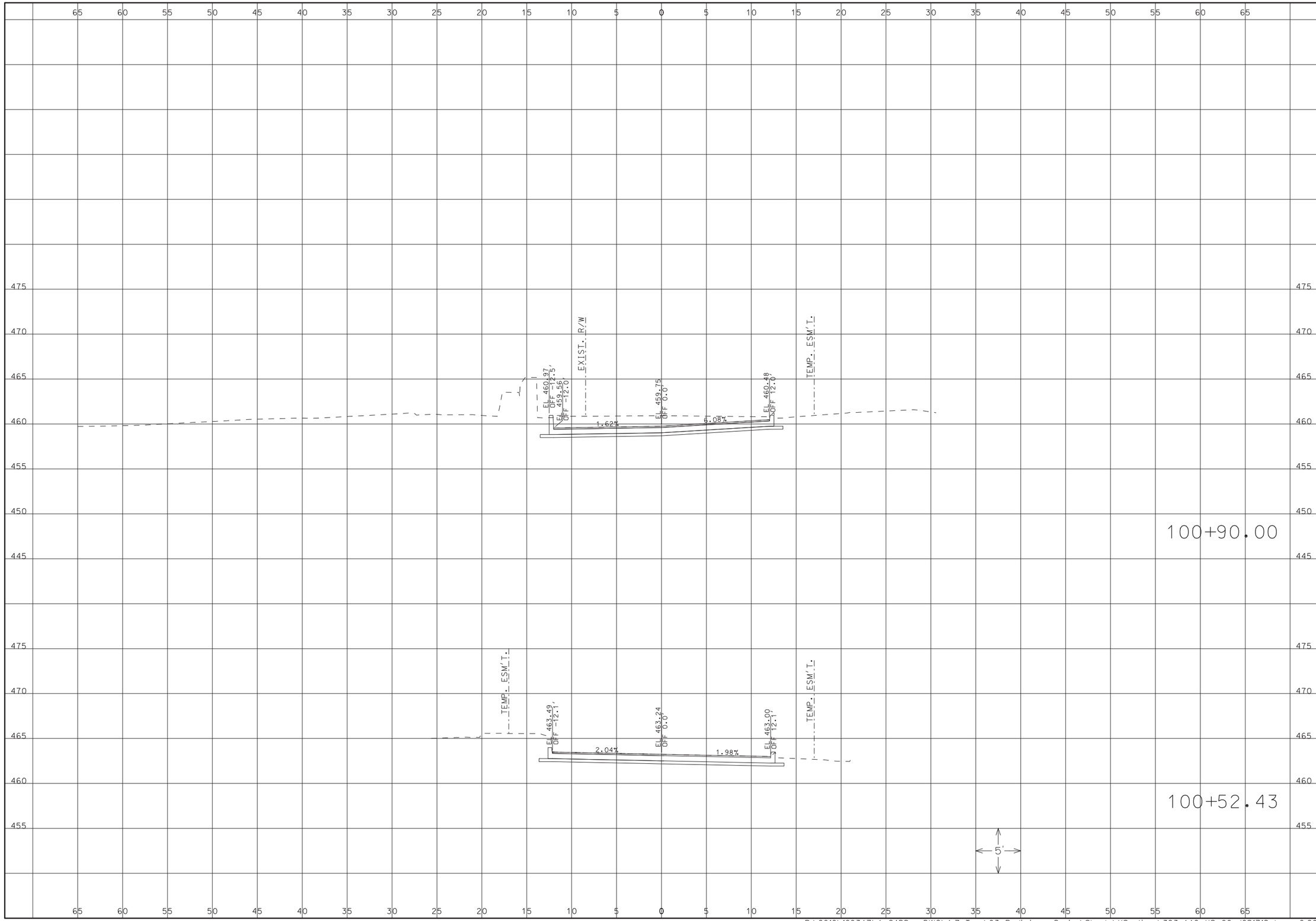
J6S1718



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STATE OF MISSOURI
JOHN R. LANDECK
NUMBER PE-2013032918
PROFESSIONAL ENGINEER

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DATE PREPARED
3/30/2021

ROUTE	STATE
100	MO
DISTRICT	SHEET NO.
SL	366

COUNTY
ST. LOUIS

JOB NO.
J6S1718, B, & C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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CROSS SECTIONS

VAN MARK WAY

SHEET 366 OF 473

REV.

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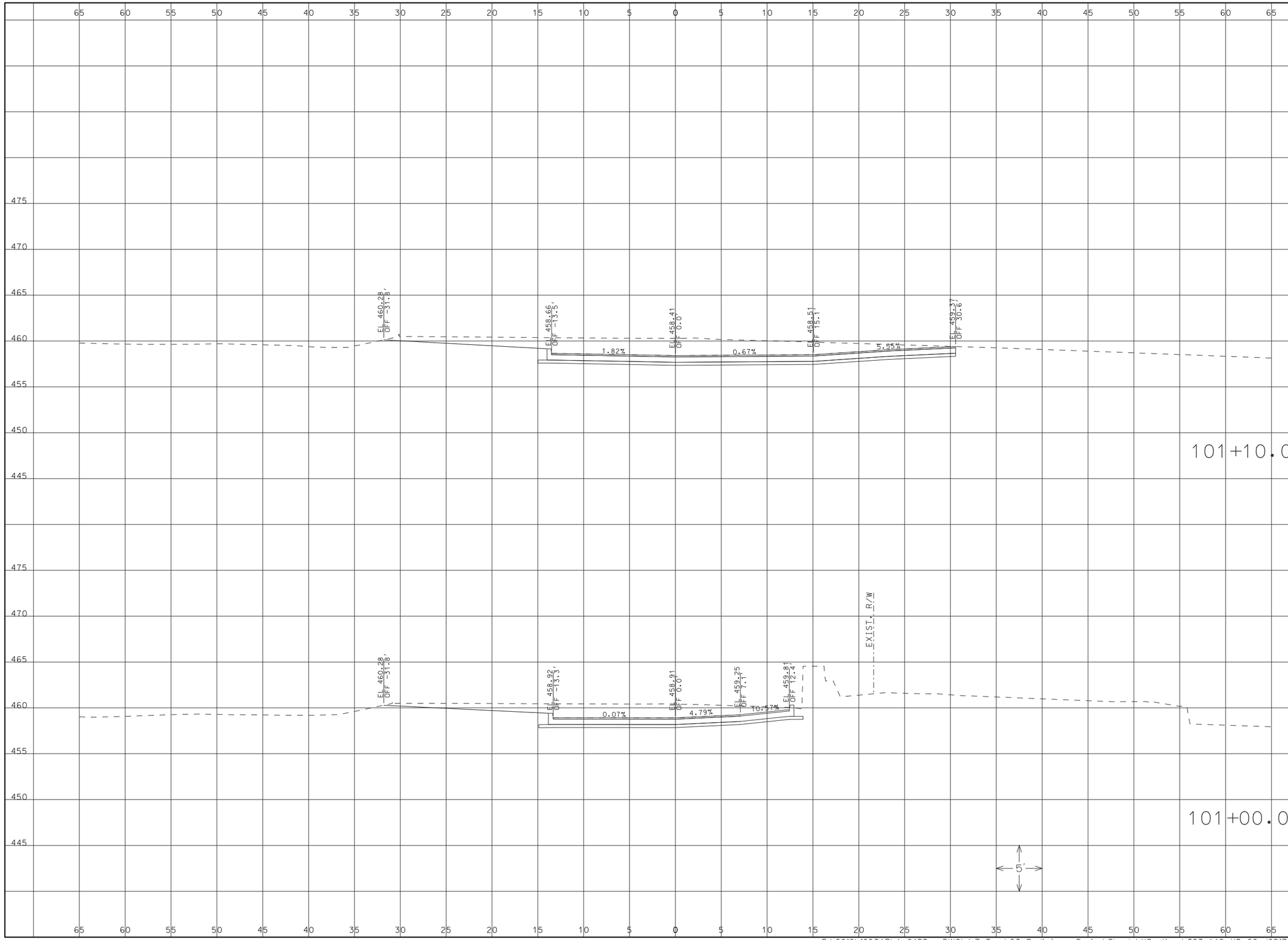
J6S1718



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JOHN R. LANDECK
NUMBER PE-2013032918
STATE OF MISSOURI
PROFESSIONAL ENGINEER

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DATE PREPARED
3/30/2021

ROUTE	STATE
100	MO

DISTRICT	SHEET NO.
SL	367

COUNTY
ST. LOUIS

JOB NO.
J6S1718, B, & C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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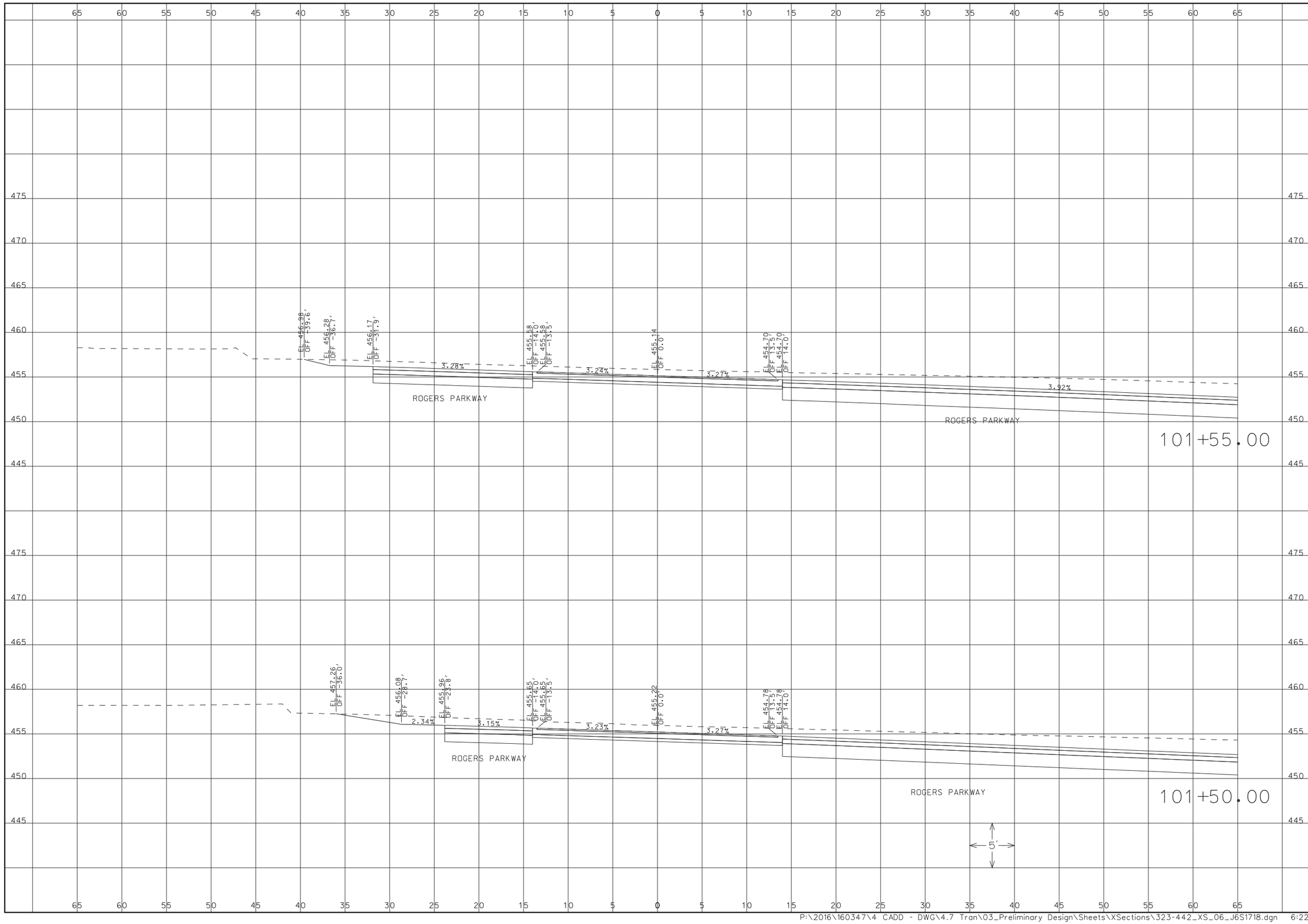
CROSS SECTIONS

VAN MARK WAY

SHEET 367 OF 473

REV.



STATE OF MISSOURI
JOHN R. LANDECK
NUMBER PE-2013032918
PROFESSIONAL ENGINEER

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DATE PREPARED
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ROUTE	STATE
100	MO
DISTRICT	SHEET NO.
SL	368

COUNTY
ST. LOUIS

JOB NO.
J6S1718, B, & C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

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CROSS SECTIONS
VAN MARK WAY
SHEET 368 OF 473

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EL 456.34
OFF -46.0'

EL 456.20
OFF -38.5'

1.67%

EL 456.08
OFF -31.1'

2.52%

EL 455.28
OFF -17.9'

4.77%

EL 454.89
OFF 1.5'

EL 454.42
OFF 0.0'

EL 454.72
OFF 3.6'

2.85%

EL 453.92
OFF 17.7'

101+70.00

5'

STATE OF MISSOURI
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ROUTE	STATE
100	MO

DISTRICT	SHEET NO.
SL	369

COUNTY
ST. LOUIS

JOB NO.
J6S1718, B, & C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

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

REV.	DESCRIPTION	DATE

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CROSS SECTIONS

VAN MARK WAY

SHEET 369 OF 473

J6S1718

STATE OF MISSOURI
JOHN R. LANDECK
NUMBER PE-2013032918
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THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY

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3/30/2021

ROUTE	STATE
100	MO

DISTRICT	SHEET NO.
SL	370

COUNTY
ST. LOUIS

JOB NO.
J6S1718, B, & C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

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

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CROSS SECTIONS
COLLIER AVE
SHEET 370 OF 473

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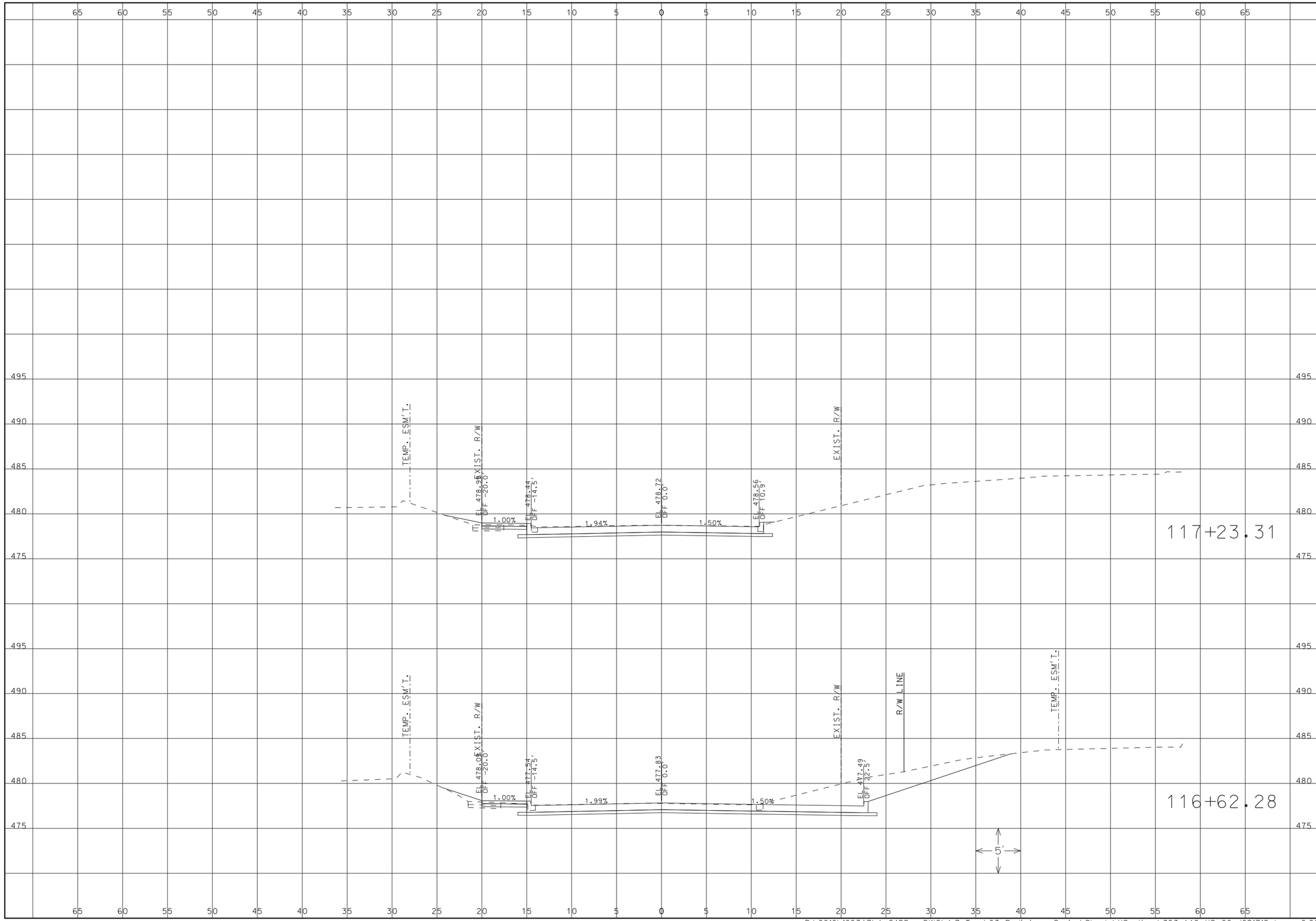
J6S1718



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STATE OF MISSOURI
JOHN R. LANDECK
NUMBER PE-2013032918
PROFESSIONAL ENGINEER

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DATE PREPARED
3/30/2021

ROUTE	STATE
100	MO

DISTRICT	SHEET NO.
SL	371

COUNTY
ST. LOUIS

JOB NO.
J6S1718, B, & C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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CROSS SECTIONS
COLLIER AVE
SHEET 371 OF 473

REV.

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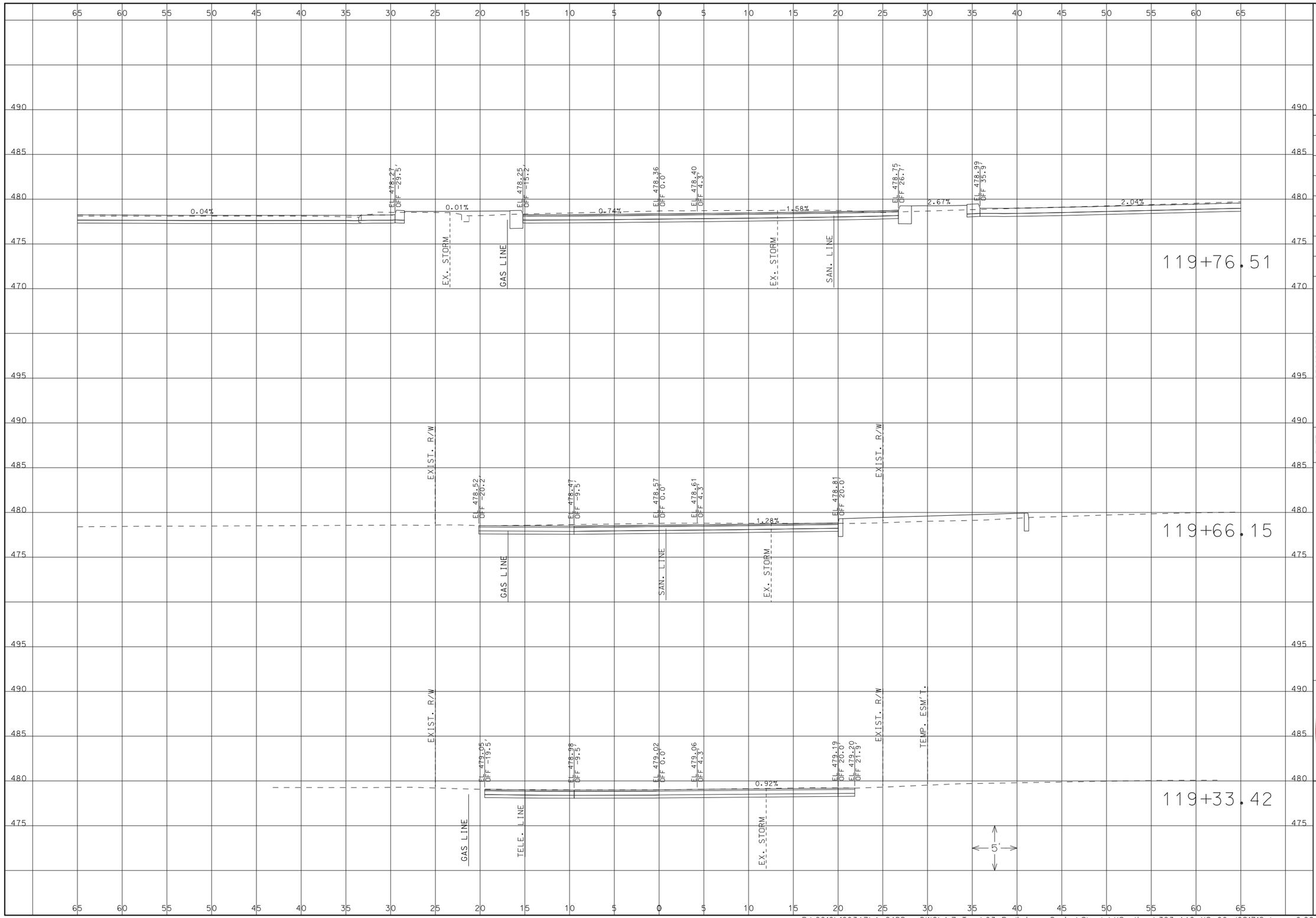
J6S1718



STATE OF MISSOURI
JOHN R. LANDECK
NUMBER PE-2013032918
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY

DATE PREPARED
3/30/2021

ROUTE	STATE
100	MO
DISTRICT	SHEET NO.
SL	372

COUNTY
ST. LOUIS

JOB NO.
J6S1718, B, & C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

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

REV.	DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
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CROSS SECTIONS
ANNALEE AVE
SHEET 372 OF 473

P:\2016\160347\4 CADD - DWG\4.7 Tran\03_Preliminary Design\Sheets\XSections\323-442_XS_06_J6S1718.dgn 6:22:14 PM 3/30/2021

J6S1718

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STATE OF MISSOURI
JOHN R. LANDECK
NUMBER PE-2013032918
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3/30/2021

ROUTE	STATE
100	MO
DISTRICT	SHEET NO.
SL	373

COUNTY
ST. LOUIS

JOB NO.
J6S1718, B, & C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

REV.	DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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CROSS SECTIONS
MANDERLY DR
SHEET 373 OF 473

P:\2016\160347\4 CADD - DWG\4.7 Tran\03_Preliminary Design\Sheets\XSections\323-442_XS_06_J6S1718.dgn 6:22:16 PM 3/30/2021

J6S1718

EXIST. R/W
GAS LINE
SAN. LINE
EL 496.04
OFF -33.5'
EL 495.49
OFF -28.0'
1.00%
0.63%
EL 495.38
OFF -10.4'
EXIST. R/W
2.00%
EL 495.58
OFF -0.0'
1.19%
EL 495.43
OFF 10.0'
R/W LINE
EL 495.11
OFF 13.8'
R/W LINE
EXIST. R/W
SAN. LINE
WATER LINE
EXIST. R/W
128+85.72

EL 497.09
OFF -34.8'
EXIST. R/W
EL 496.48
OFF -26.7'
0.63%
EL 496.44
OFF -21.6'
5.44%
EL 495.78
OFF -13.5'
0.76%
EXIST. R/W
EL 495.88
OFF -0.0'
1.57%
EL 495.64
OFF 13.3'
R/W LINE
EL 495.69
OFF 16.0'
R/W LINE
EXIST. R/W
GAS LINE
SAN. LINE
SAN. LINE
WATER LINE
128+57.39

EL 496.34
OFF -10.0'
1.00%
EL 496.24
OFF 0.0'
2.86%
EXIST. R/W
EL 495.88
OFF 12.6'
R/W LINE
R/W LINE
EXIST. R/W
SAN. LINE
128+23.42
5'

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STATE OF MISSOURI
JOHN R. LANDECK
NUMBER PE-2013032918
PROFESSIONAL ENGINEER

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3/30/2021

ROUTE	STATE
100	MO
DISTRICT	SHEET NO.
SL	374

COUNTY
ST. LOUIS

JOB NO.
J6S1718, B, & C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

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DESCRIPTION	DATE

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CROSS SECTIONS
HIGH SCHOOL DR ENTRANCE
SHEET 374 OF 473

REV.

JOHN R. LANDECK
NUMBER PE-2013032918
STATE OF MISSOURI
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY

DATE PREPARED
3/30/2021

ROUTE	STATE
100	MO

DISTRICT	SHEET NO.
SL	375

COUNTY
ST. LOUIS

JOB NO.
J6S1718, B, & C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

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

DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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CROSS SECTIONS
HIGH SCHOOL DR ENTRANCE
SHEET 375 OF 473

REV.

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

510
505
500
495
490

3.30%
2.53%
2.37%
2.37%
2.37%
2.27%

EL 495.22
OFF -26.5'

EL 494.55
OFF -0.0'

EL 494.17
OFF 16.1'

EL 493.90
OFF 27.4'

EL 493.49
OFF 44.7'

SAN. LINE

GAS LINE

ATT LINE

5'

129+76.85

STATE OF MISSOURI
JOHN R. LANDECK
NUMBER PE-2013032918
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY

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3/30/2021

ROUTE	STATE
100	MO

DISTRICT	SHEET NO.
SL	376

COUNTY
ST. LOUIS

JOB NO.
J6S1718, B, & C

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

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CROSS SECTIONS

HIGH SCHOOL DR ENTRANCE

SHEET 376 OF 473

REV.

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J6S1718

134+76.91

EL 494.57
OFF -44.7'
2.53%
2.47%
ATT LINE
EL 494.19
OFF -29.4'
EL 493.92
OFF -18.1'
2.40%
EL 493.48
OFF 0.0'
2.28%
EL 492.78
OFF 30.9'
WATER LINE

134+66.49

EL 495.03
OFF -60.2'
2.09%
2.31%
EL 494.69
OFF -45.7'
EXIST. R/W
2.42%
EL 494.45
OFF -35.6'
EL 493.79
OFF -12.0'
2.31%
EL 493.52
OFF -0.0'
EXIST. R/W
2.32%
EL 493.14
OFF 16.0'
EL 493.32
OFF 28.2'
1.01%
EL 493.37
OFF 33.2'
EXIST. R/W
SAN. LINE
WATER LINE

134+04.96

EL 494.88
OFF -54.1'
EXIST. R/W
0.85%
EL 495.00
OFF -44.1'
1.35%
EL 494.85
OFF -34.0'
R/W LINE
EL 494.58
OFF -36.4'
R/W LINE
EL 493.46
OFF -11.5'
EXIST. R/W
1.70%
EL 493.66
OFF 0.0'
1.91%
EL 493.44
OFF 11.5'
EXIST. R/W
SAN. LINE
WATER LINE
5'

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

505 500 495 490 510 505 500 495 490 510 505 500 495 490 510 505 500 495 490

STATE OF MISSOURI
JOHN R. LANDECK
NUMBER PE-2013032918
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY

DATE PREPARED
3/30/2021

ROUTE	STATE
100	MO
DISTRICT	SHEET NO.
SL	377

COUNTY
ST. LOUIS

JOB NO.
J6S1718, B, & C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

REV.	DESCRIPTION	DATE

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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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CROSS SECTIONS
HIGH SCHOOL DR EXIT
SHEET 377 OF 473

P:\2016\160347\4 CADD - DWG\4.7 Tran\03_Preliminary Design\Sheets\XSections\323-442_XS_06_J6S1718.dgn 6:22:22 PM 3/30/2021

J6S1718

EL 481.66
OFF -32.6'

EL 481.46
OFF -28.9'

5.34%

EL 479.92
OFF 0.0'

GAS LINE

SAN. LINE

WATER LINE

ATT LINE

WATER LINE

ATT LINE

139+76.77

EL 483.88
OFF -60.7'

EL 483.87
OFF -49.5'

0.09%

EL 482.89
OFF -41.9'

4.98%

EXIST. R/W

EL 481.65
OFF -26.3'

5.35%

EL 480.25
OFF -0.0'

5.31%

EL 479.61
OFF 11.9'

EL 479.46
OFF 19.4'

EXIST. R/W

GAS LINE

SAN. LINE

WATER LINE

TELE. LINE

TELE. LINE

TELE. LINE

139+62.30

PERM. ESM'T.

TEMP. ESM'T.

10:1

EXIST. R/W

EL 482.66
OFF -12.7'

5.77%

EL 481.93
OFF -0.0'

4.14%

EL 481.50
OFF 10.3'

EXIST. R/W

5'

GAS LINE

SAN. LINE

139+13.98

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

490 485 480 475 470 495 500

STATE OF MISSOURI
JOHN R. LANDECK
NUMBER PE-2013032918
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY

DATE PREPARED
3/30/2021

ROUTE	STATE
100	MO

DISTRICT	SHEET NO.
SL	378

COUNTY
ST. LOUIS

JOB NO.
J6S1718, B, & C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

REV.	DESCRIPTION	DATE

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

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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CROSS SECTIONS

BREMERTON RD

SHEET 378 OF 473

P:\2016\160347\4 CADD - DWG\4.7 Tran\03_Preliminary Design\Sheets\XSections\323-442_XS_06_J6S1718.dgn 6:22:23 PM 3/30/2021

STATE OF MISSOURI
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CROSS SECTIONS
BREMERTON RD
SHEET 379 OF 473

P:\2016\160347\4 CADD - DWG\4.7 Tran\03_Preliminary Design\Sheets\XSections\323-442_XS_06_J6S1718.dgn 6:22:25 PM 3/30/2021

J6S1718

EL 456.99
OFF -58.6'

EL 456.99
OFF -55.0'

EL 457.47
OFF -47.5'

0.28%

EL 457.42
OFF -28.0'

EL 456.91
OFF -22.1'

0.21%

EL 456.86
OFF 0.0'

0.18%

EL 456.93
OFF 36.0'

GAS LINE

WATER LINE

SAN. LINE

ATT LINE

MCI FO

144+73.73

EL 457.25
OFF -61.8'

EXIST. R/W

1.43%

EL 457.74
OFF -27.7'

2.23%

EL 456.96
OFF -14.0'

0.16%

EL 456.94
OFF 0.0'

EXIST. R/W

0.13%

EL 456.97
OFF 22.0'

R/W LINE

EL 457.05
OFF 35.0'

EL 457.56
OFF 46.0'

EXIST. R/W

GAS LINE

WATER LINE

SAN. LINE

MCI FO
ATT LINE

144+65.12

EXIST. R/W

EL 457.36
OFF -12.5'

0.45%

EL 457.31
OFF 0.0'

EXIST. R/W

0.19%

EL 457.33
OFF 12.5'

R/W LINE

TEMP. ESM'T.

TEMP. ESM'T.

SAN. LINE

MCI FO

ATT LINE

CHARTER LINE

144+34.94

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

470 465 460 455 450 475

JOHN R. LANDECK
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STATE OF MISSOURI
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ROUTE	STATE
100	MO
DISTRICT	SHEET NO.
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CROSS SECTIONS

CREVE COEUR DR

SHEET 380 OF 473

REV.

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J6S1718

STATE OF MISSOURI
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100	MO
DISTRICT	SHEET NO.
SL	381

COUNTY
ST. LOUIS

JOB NO.
J6S1718, B, & C

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CROSS SECTIONS

ROCK HILL IND CT

SHEET 381 OF 473

J6S1718

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

480 475 470 465 460

EXIST. R/W

EL 464.17
OFF -24.2'

EXIST. R/W

EL 464.55
OFF 0.0'

1.58%

2.15%

EL 465.01
OFF 21.3'

SAN. LINE

GAS LINE

154+71.79

EXIST. R/W

EXIST. R/W

EL 464.74
OFF -15.3'

1.96%

EL 465.04
OFF 0.0'

2.20%

EXIST. R/W

EL 465.37
OFF 15.0'

SAN. LINE

GAS LINE

R/W LINE

TEMP. ESM'T.

154+55.75

EXIST. R/W

EXIST. R/W

EL 464.84
OFF -19.8'

1.78%

EL 465.29
OFF 0.0'

1.70%

EXIST. R/W

EL 465.55
OFF 15.0'

SAN. LINE

GAS LINE

R/W LINE

TEMP. ESM'T.

154+52.18

01'

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100	MO
DISTRICT	SHEET NO.
SL	382

COUNTY
ST. LOUIS

JOB NO.
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CONTRACT ID.

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REV.	DATE	DESCRIPTION

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CROSS SECTIONS

RARITAN AVE

SHEET 382 OF 473

J6S1718

STATE OF MISSOURI
JOHN R. LANDECK
NUMBER PE-2013032918
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ROUTE	STATE
100	MO
DISTRICT	SHEET NO.
SL	383

COUNTY
ST. LOUIS

JOB NO.
J6S1718, B, & C

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CROSS SECTIONS
RARITAN DR
SHEET 383 OF 473

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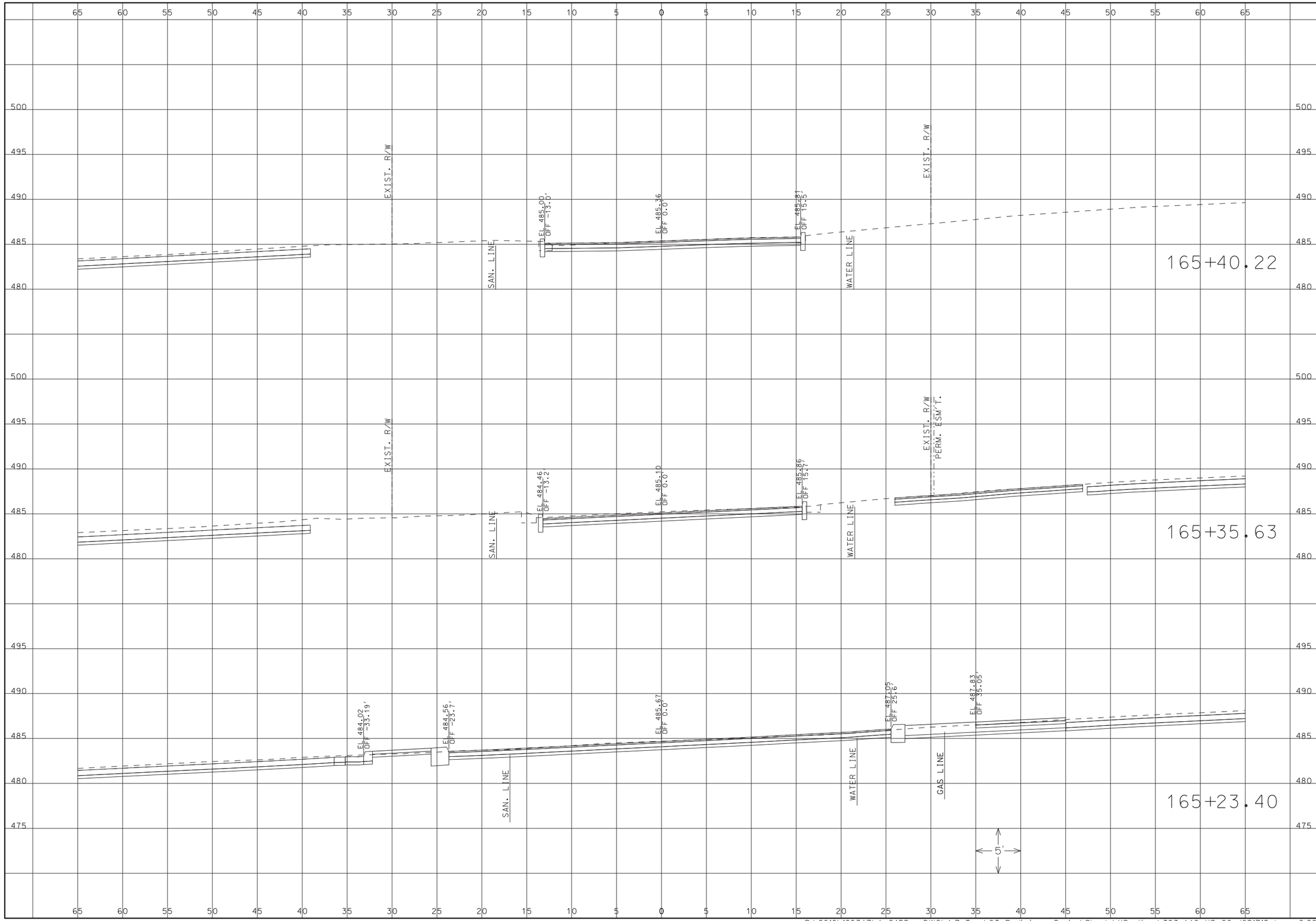
J6S1718



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ROUTE	STATE
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DISTRICT	SHEET NO.
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COUNTY
ST. LOUIS

JOB NO.
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CROSS SECTIONS

DUNKIRK DR

SHEET 384 OF 473

REV.

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J6S1718

169+51.13

168+98.24

168+34.62

3.57%

EL 508.17
OFF -34.2'

EL 508.94
OFF 0.0

EL 509.12
OFF 29.1'

EL 507.42
OFF -36.1'

EL 507.98
OFF -11.0'

EL 507.80
OFF -3.0'

EL 507.92
OFF 0.0

EL 507.89
OFF 26.1'

EL 506.23
OFF -36.41'

EL 506.86
OFF -11.0'

EL 506.88
OFF -3.0'

EL 506.89
OFF 0.0

WATER LINE

ATT LINE

EXIST. R/W

PERM. ESM'T.

5'

STATE OF MISSOURI
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SL	385

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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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CROSS SECTIONS

MCKNIGHT RD

SHEET 385 OF 473

REV.

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

525 520 515 510 505

EXIST. R/W

EL 511.64
OFF -34.2'

ATT LINE

EL 511.41
OFF -4.0'

EL 511.42
OFF 0.0'

WATER LINE

SAN. LINE

EL 510.86
OFF 16.4'

EL 510.71
OFF 21.6'

ATT LINE

EX. STORM

170+89.90

PERM. ESM'T.

EXIST. R/W

EL 509.56
OFF -49.7'

EL 509.80
OFF -37.8'

3.69%

1.68%

EL 510.63
OFF 0.0'

EL 510.71
OFF 14.9'

EL 510.56
OFF 45.9'

GAS LINE
TELE. LINE
ATT LINE

MCI FO

WATER LINE

SAN. LINE

MCI FO

TELE. LINE

EX. STORM

ATT LINE

MODOT ITS

170+53.46

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ROUTE	STATE
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DISTRICT	SHEET NO.
SL	386

COUNTY
ST. LOUIS

JOB NO.
J6S1718, B, & C

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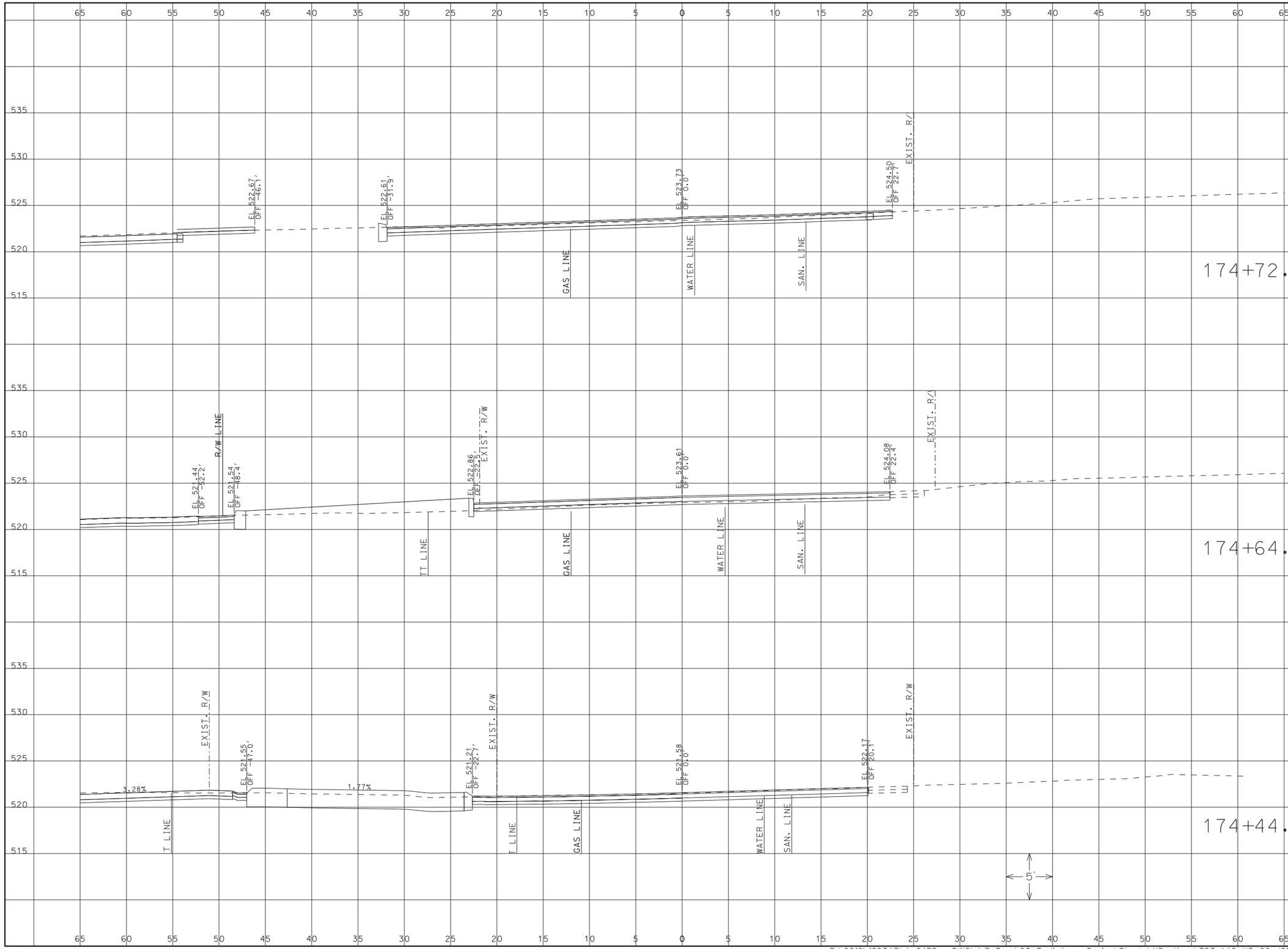
CROSS SECTIONS
MCKNIGHT RD
SHEET 386 OF 473

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

J6S1718



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CROSS SECTIONS

NORTH ROCKHILL RD

SHEET 387 OF 473

J6S1718

EL 547.33
OFF -35.5'

EL 547.34
OFF -28.3'

EL 547.10
OFF 0.0'

EL 547.00
OFF 17.5'

EXIST. R/W

EL 546.95
OFF 22.4'

EL 546.92
OFF 27.4'

PERM. ESM'T.

TEMP. ESM'T.

0.69%

GAS LINE

WATER LINE

CI FO

179+72.40

EL 547.44
OFF -18.5'

EL 547.32
OFF 0.0'

EL 547.21
OFF 15.0'

EXIST. R/W

EL 547.18
OFF 46.3'

GAS LINE

WATER LINE

CI FO

179+61.55

EXIST. R/W

EXIST. R/W

EL 547.27
OFF -17.8'

EL 547.39
OFF 0.0'

EL 547.30
OFF 15.0'

EXIST. R/W

EL 547.21
OFF 54.6'

GAS LINE

WATER LINE

CI FO

179+58.21

5'

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

560 555 550 545 540

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CROSS SECTIONS
MCKINLEY AVE
SHEET 388 OF 473

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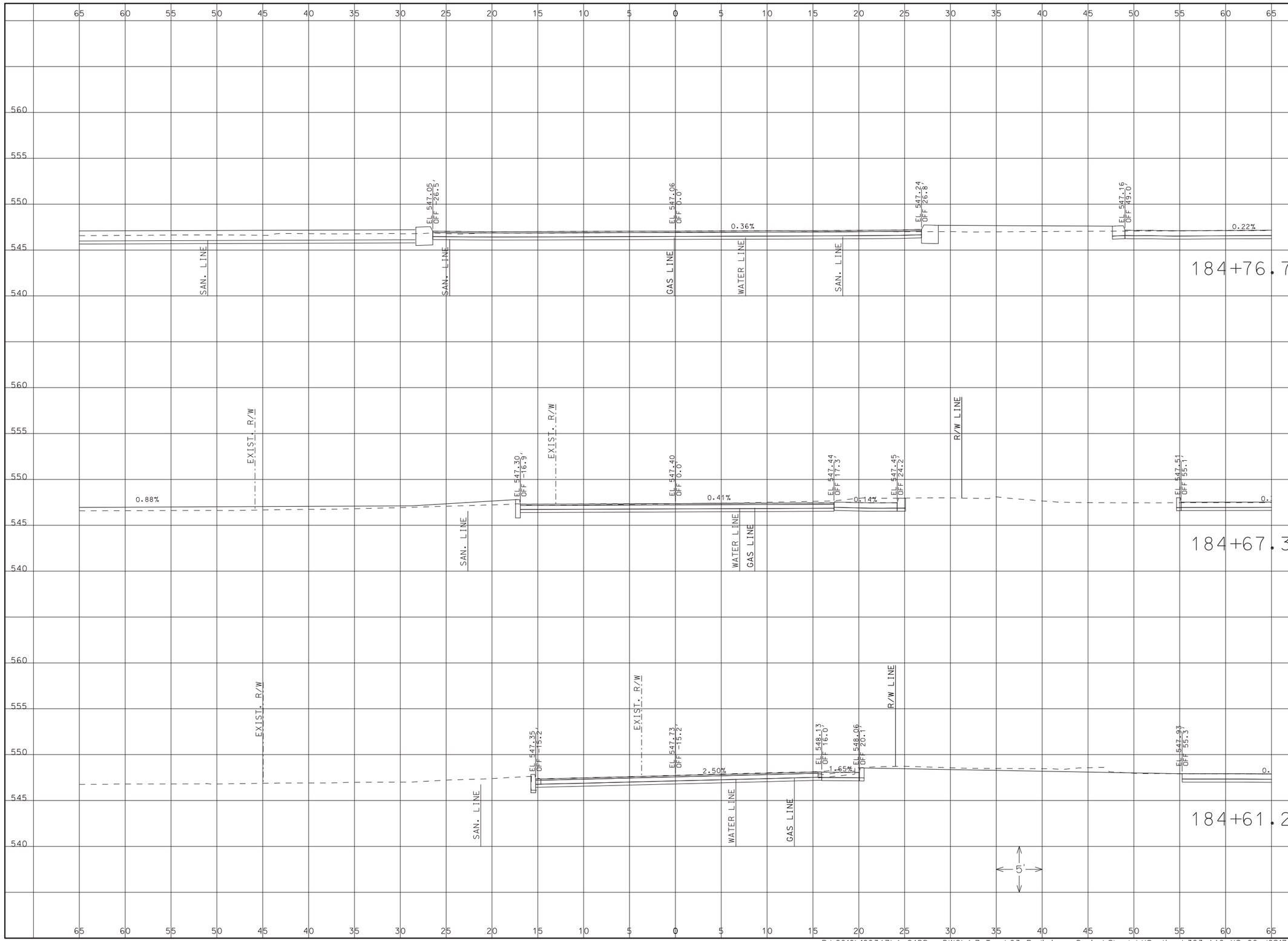
J6S1718



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CROSS SECTIONS
LEONARD AVE
SHEET 389 OF 473

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J6S1718

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CROSS SECTIONS
MUECK TERRACE DR
SHEET 390 OF 473

REV.

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J6S1718

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ROUTE	STATE
100	MO

DISTRICT	SHEET NO.
SL	391

COUNTY
ST. LOUIS

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CROSS SECTIONS
HUDSON AVE
SHEET 391 OF 473

REV.

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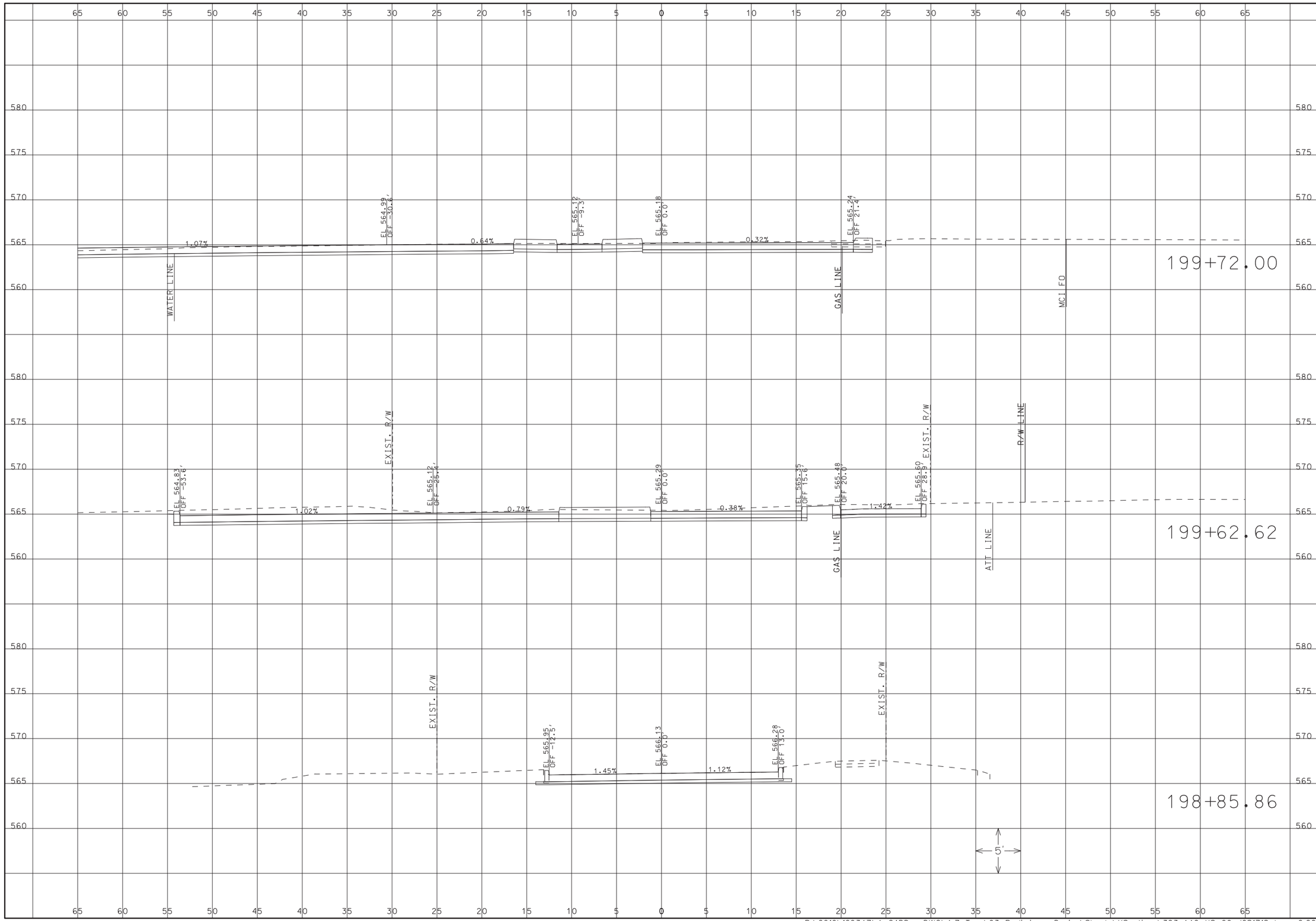
J6S1718



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ROUTE	STATE
100	MO
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COUNTY
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JOB NO.
J6S1718, B, & C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

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

REV.	DESCRIPTION	DATE

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

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www.twm-inc.com
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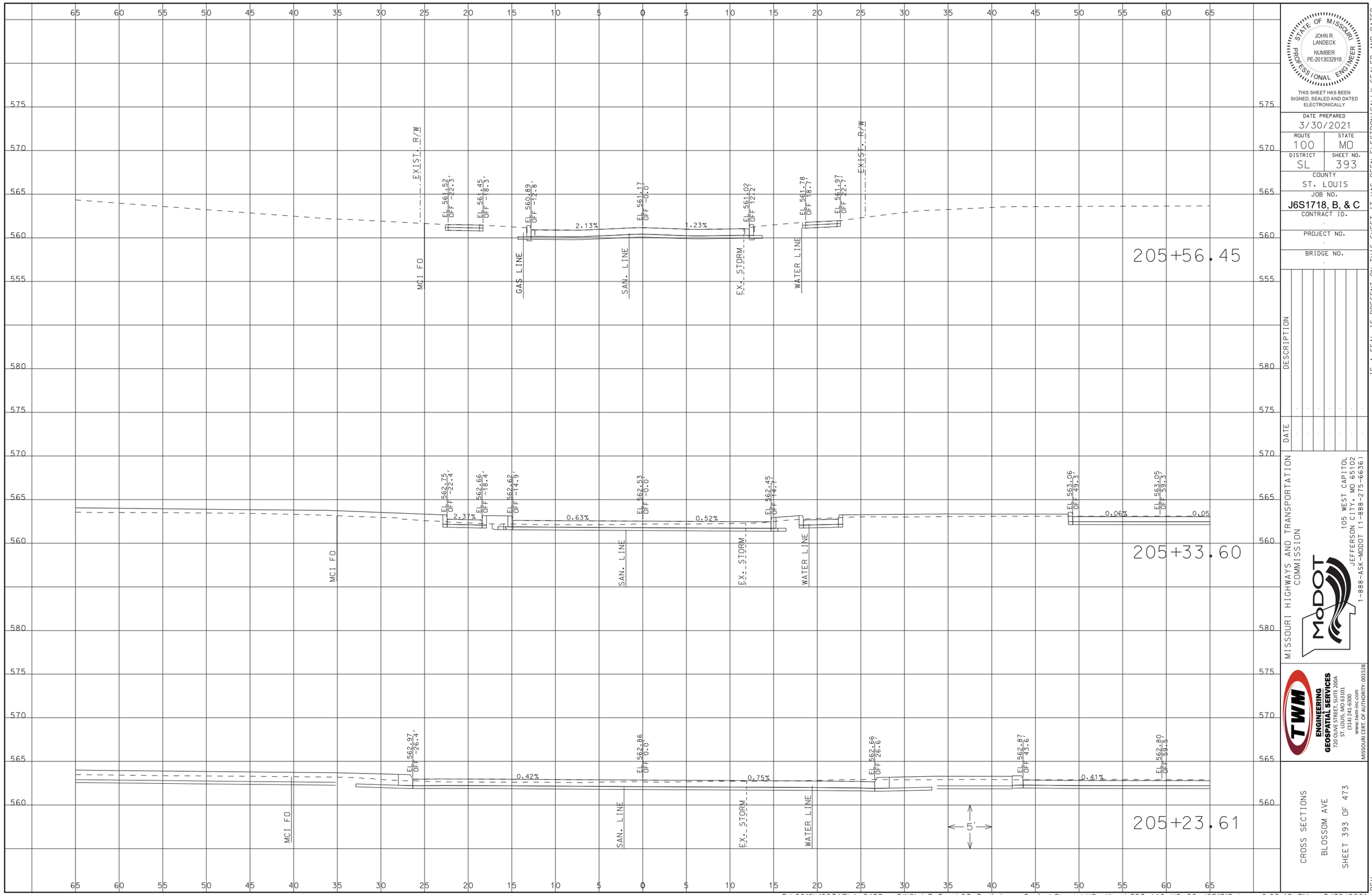
CROSS SECTIONS
KORTWRIGHT AVE
SHEET 392 OF 473

P:\2016\160347\4 CADD - DWG\4.7 Tran\03_Preliminary Design\Sheets\XSections\323-442_XS_06_J6S1718.dgn 6:22:44 PM 3/30/2021

J6S1718



STATE OF MISSOURI
JOHN R. LANDECK
NUMBER PE-2013032918
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY

DATE PREPARED
3/30/2021

ROUTE	STATE
100	MO
DISTRICT	SHEET NO.
SL	393

COUNTY
ST. LOUIS

JOB NO.
J6S1718, B, & C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

REV.	DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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JEFFERSON CITY, MO 65102
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CROSS SECTIONS
BLOSSOM AVE
SHEET 393 OF 473

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

P:\2016\160347\4 CADD - DWG\4.7 Tran\03_Preliminary Design\Sheets\XSections\323-442_XS_06_J6S1718.dgn 6:22:45 PM 3/30/2021

J6S1718

EXIST. R/W

EL 563.86
OFF -14.0'

EL 563.96
OFF -0.0'

EL 563.98
OFF 12.0'

0.69%

0.17%

GAS LINE

WATER LINE

EXIST. R/W

210+46.99

EL 563.37
OFF -60.7'

EL 563.44
OFF -50.7'

0.63%

0.07%

EL 563.54
OFF -15.8'

EL 563.72
OFF -0.0'

1.14%

1.38%

EL 563.91
OFF 14.3'

4.88%

WATER LINE

EL 564.70
OFF 30.5'

0.91%

GAS LINE

EL 564.89
OFF 51.4'

1.74%

210+34.19

EL 563.11
OFF -60.5'

EL 563.26
OFF -46.5'

1.06%

EL 563.33
OFF -25.6'

EL 563.61
OFF -0.0'

1.08%

1.41%

EL 563.98
OFF 26.2'

WATER LINE

2.29%

EL 564.41
OFF 45.1'

GAS LINE

5'

1.13%

MODOT TIS

210+24.05

STATE OF MISSOURI
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ROUTE	STATE
100	MO

DISTRICT	SHEET NO.
SL	394

COUNTY
ST. LOUIS

JOB NO.
J6S1718, B, & C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

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

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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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CROSS SECTIONS

MANITOU DR

SHEET 394 OF 473

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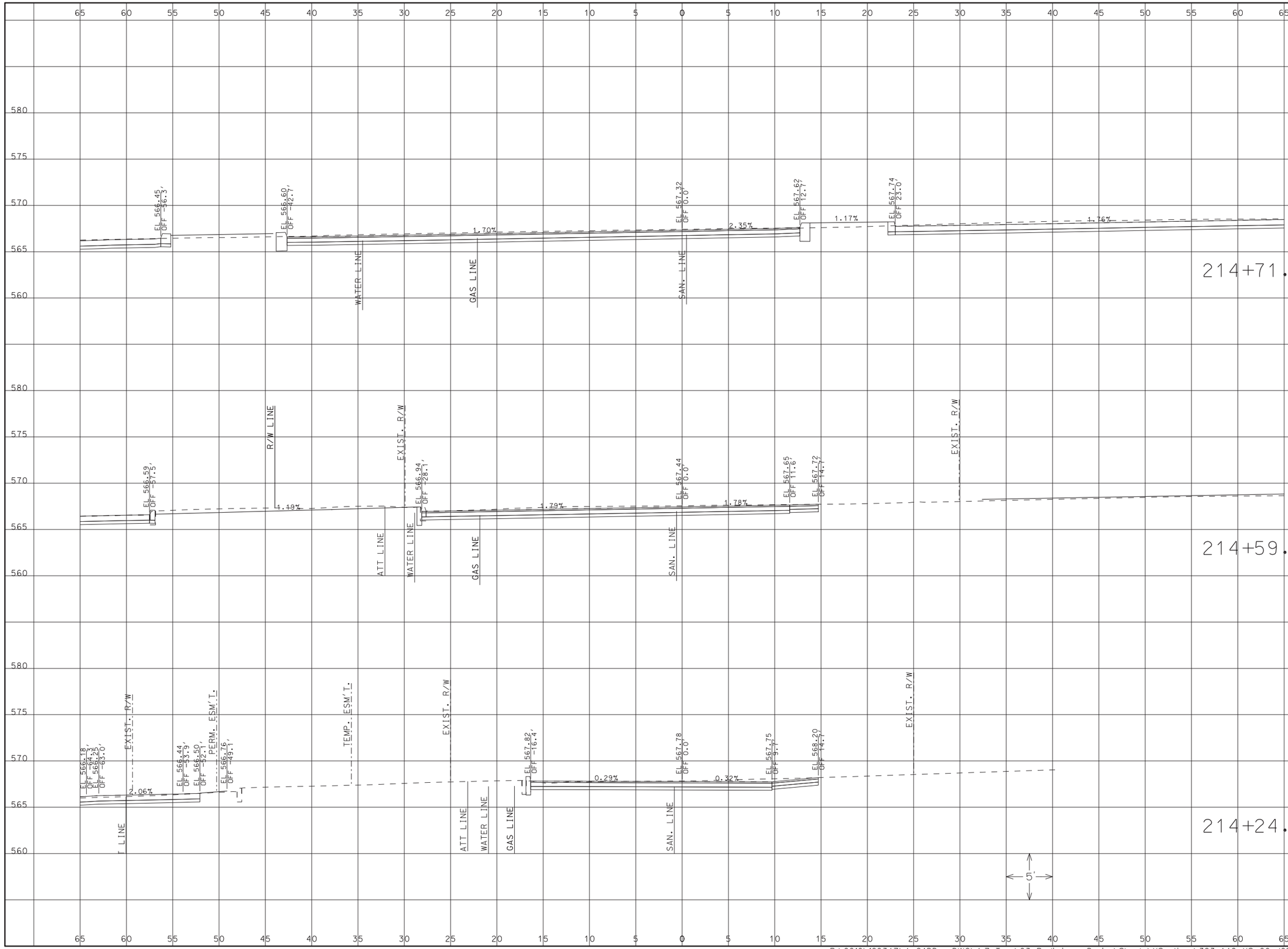
J6S1718



STATE OF MISSOURI
JOHN R. LANDECK
NUMBER PE-2013032918
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY

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ROUTE	STATE
100	MO

DISTRICT	SHEET NO.
SL	395

COUNTY
ST. LOUIS

JOB NO.
J6S1718, B, & C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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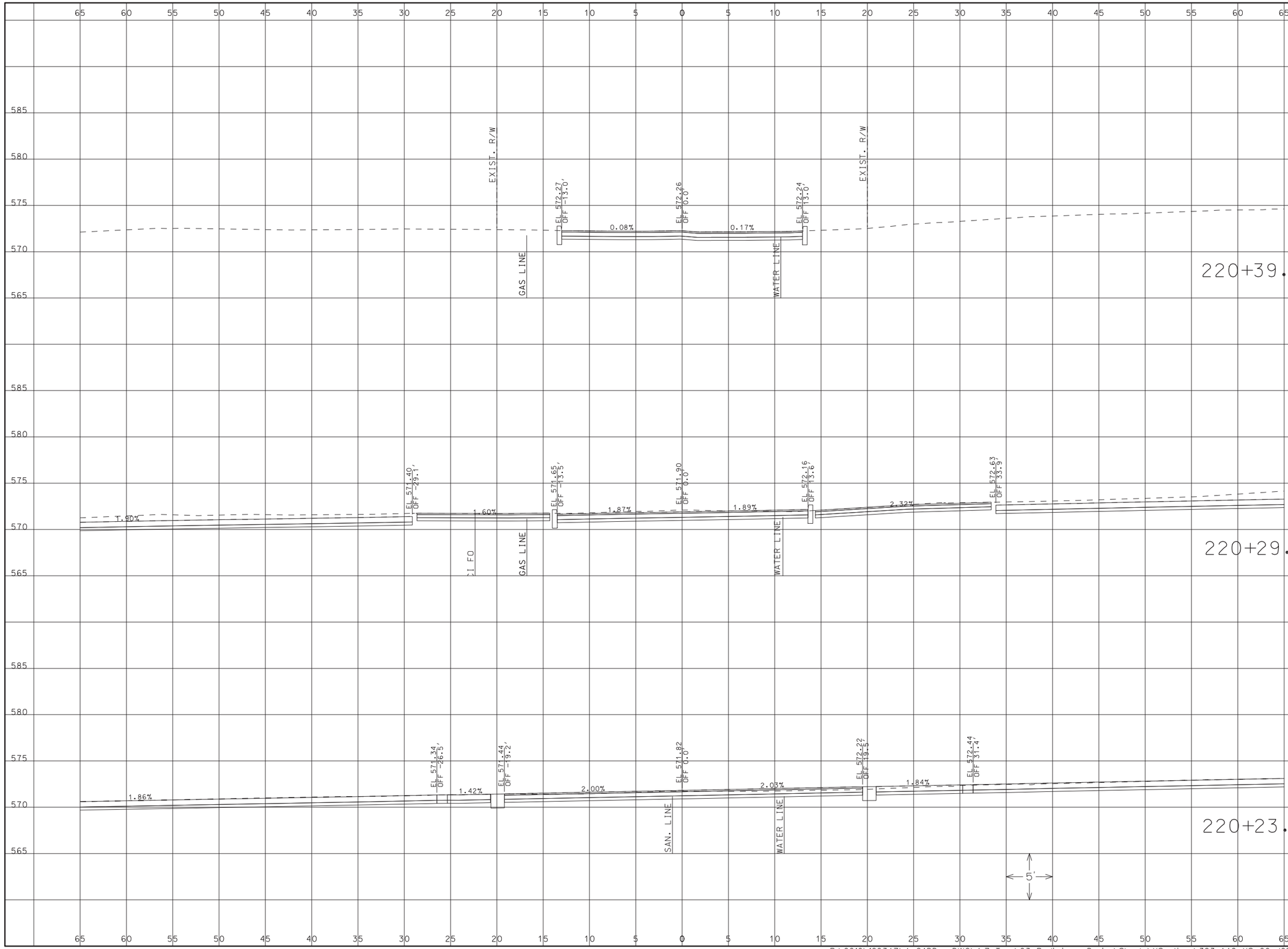
CROSS SECTIONS
O'DAY AVE
SHEET 395 OF 473

P:\2016\160347\4 CADD - DWG\4.7 Tran\03_Preliminary Design\Sheets\XSections\323-442_XS_06_J6S1718.dgn 6:22:48 PM 3/30/2021

J6S1718



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STATE OF MISSOURI
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NUMBER PE-2013032918
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THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY

DATE PREPARED
3/30/2021

ROUTE	STATE
100	MO

DISTRICT	SHEET NO.
SL	396

COUNTY
ST. LOUIS

JOB NO.
J6S1718, B, & C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

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DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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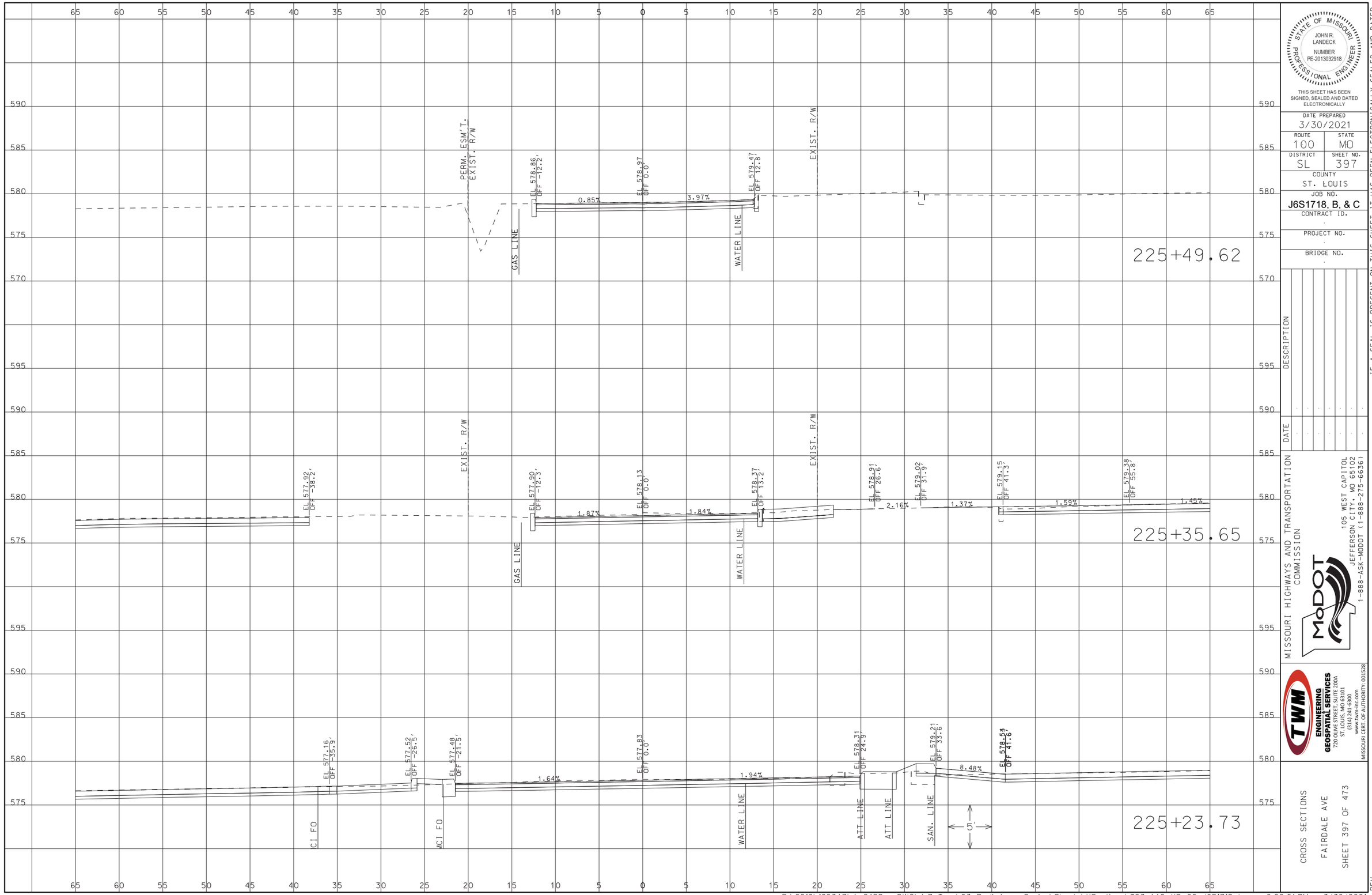
CROSS SECTIONS

TAVALON AVE

SHEET 396 OF 473

REV.

J6S1718



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STATE OF MISSOURI
JOHN R. LANDECK
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3/30/2021

ROUTE	STATE
100	MO
DISTRICT	SHEET NO.
SL	397

COUNTY
ST. LOUIS

JOB NO.
J6S1718, B, & C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
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CROSS SECTIONS
FAIRDALE AVE
SHEET 397 OF 473

REV.

P:\2016\160347\4 CADD - DWG\4.7 Tran\03_Preliminary Design\Sheets\XSections\323-442_XS_06_J6S1718.dgn 6:22:51 PM 3/30/2021

J6S1718

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

595 590 585 580 575 570

EXIST. R/W

EL 581.76
OFF -30.3'

EL 581.72
OFF -25.9'

EL 581.68
OFF -22.0'

EL 581.80
OFF 0.0'

EL 581.87
OFF 14.8'

EL 581.94
OFF 17.3'

EXIST. R/W

PERM. ESM'T.

EL 582.53
OFF 30.9'

TEMP. ESM'T.

GAS LINE

WATER LINE

ATT LINE

229+52.21

TEMP. ESM'T.

EXIST. R/W

EL 581.07
OFF -12.5'

EL 581.30
OFF 0.0'

EL 581.44
OFF 12.5'

EXIST. R/W

GAS LINE

WATER LINE

ATT LINE

229+20.33

5'

P:\2016\160347\4 CADD - DWG\4.7 Tran\03_Preliminary Design\Sheets\XSections\323-442_XS_06_J6S1718.dgn 6:22:53 PM 3/30/2021

STATE OF MISSOURI
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ROUTE	STATE
100	MO

DISTRICT	SHEET NO.
SL	398

COUNTY
ST. LOUIS

JOB NO.
J6S1718, B, & C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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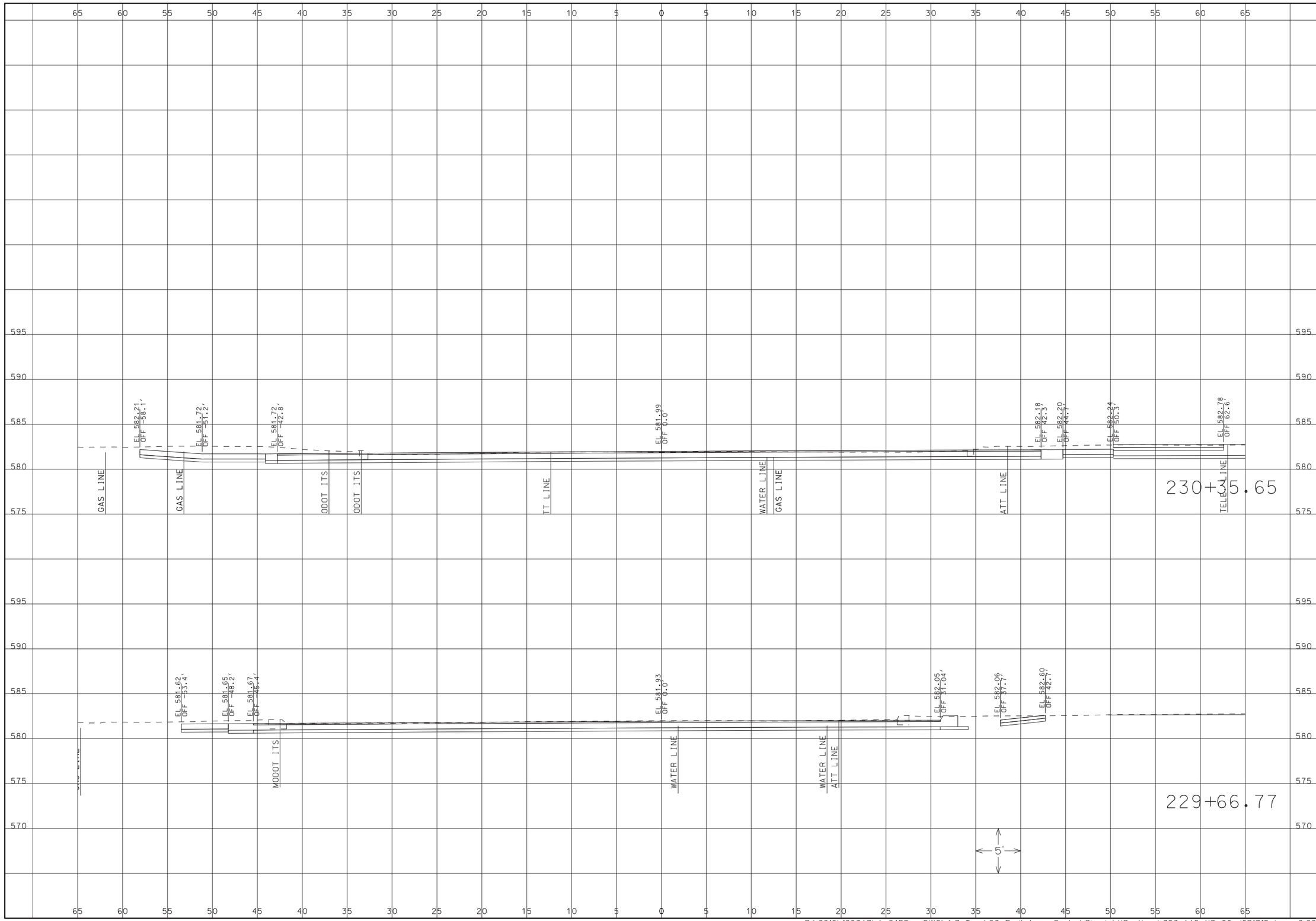
CROSS SECTIONS

BERRY RD

SHEET 398 OF 473

REV.



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STATE OF MISSOURI
JOHN R. LANDECK
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DATE PREPARED
3/30/2021

ROUTE	STATE
100	MO
DISTRICT	SHEET NO.
SL	399

COUNTY
ST. LOUIS

JOB NO.
J6S1718, B, & C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

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

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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MISSOURI CERT. OF AUTHORITY: 001538

CROSS SECTIONS

BERRY RD

SHEET 399 OF 473

REV.

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

595 590 585 580 575 570

TEMP. ESM'T.
EL 581.62'
OFF -28.6'
R/W LINE
CHARTER LINE
EL 581.63'
OFF -23.6'
EXIST. R/W
EL 580.98'
OFF -18.5'
GAS LINE
EL 581.07'
OFF 0.0'
GAS LINE
EL 581.34'
OFF 15.5'
WATER LINE
EL 586.47'
OFF 20.0'
EXIST. R/W
PERM. ESM'T.
TEMP. ESM'T.

230+72.48

TEMP. ESM'T.
R/W LINE
EL 581.65'
OFF -33.2'
CHARTER LINE
EXIST. R/W
EL 581.52'
OFF -21.9'
GAS LINE
EL 581.65'
OFF 0.0'
WATER LINE
EL 581.74'
OFF 18.2'
EXIST. R/W
EL 581.80'
OFF 27.4'
PERM. ESM'T.
TEMP. ESM'T.

230+56.49

01'

P:\2016\160347\4 CADD - DWG\4.7 Tran\03_Preliminary Design\Sheets\XSections\323-442_XS_06_J6S1718.dgn 6:22:56 PM 3/30/2021

STATE OF MISSOURI
JOHN R. LANDECK
NUMBER PE-2013032918
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DATE PREPARED
3/30/2021

ROUTE	STATE
100	MO

DISTRICT	SHEET NO.
SL	400

COUNTY
ST. LOUIS

JOB NO.
J6S1718, B, & C

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

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CROSS SECTIONS

BERRY RD

SHEET 400 OF 473

REV.

J6S1718

EL 582.79
OFF -62.7'

EL 582.22
OFF -53.8'

EL 582.22
OFF -51.3'

EL 581.91
OFF -17.0'

EL 582.30
OFF 0.0'

EL 581.85
OFF 0.0'

EL 581.69
OFF 23.4'

EL 581.73
OFF 32.6'

EL 581.51

0.14%

1.21%

TELE. LINE

TELE. LINE

GAS LINE

WATER LINE

WATER LINE

ATT LINE

CHARTER LINE

ATT LINE

CHARTER LINE

235+00.00

235+23.08

0'

595
590
585
580
575
570

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

STATE OF MISSOURI
JOHN R. LANDECK
NUMBER PE-2013032918
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY

DATE PREPARED
3/30/2021

ROUTE	STATE
100	MO

DISTRICT	SHEET NO.
SL	401

COUNTY
ST. LOUIS

JOB NO.
J6S1718, B, & C

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

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CROSS SECTIONS

MONIER PL

SHEET 401 OF 473

REV.

P:\2016\160347\4 CADD - DWG\4.7 Tran\03_Preliminary Design\Sheets\XSections\323-442_XS_06_J6S1718.dgn 6:22:57 PM 3/30/2021

J6S1718

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

595 590 585 580 575 570

TEMP. ESM'T.

EL 580.31
OFF -21.3'
EXIST. R/W

EL 580.26
OFF -11.3'

EL 580.69
OFF 0.0'

EL 580.70
OFF 12.0'

EL 581.00
OFF 14.5'

EL 586.00
OFF 14.6'
EXIST. R/W

PERM. ESM'T.

EXIST. R/W

EL 581.69
OFF 35.8'

EL 581.41
OFF 6.4'

GAS LINE

WATER LINE

ATT LINE

GAS LINE

MCI FO

TELE. LINE

GAS LINE

235+44.98

EL 581.65
OFF -40.0'
EXIST. R/W

0.47%

EL 582.64
OFF -21.5'

EL 581.91
OFF -20.4'

EL 581.77
OFF -15.0'

EL 581.76
OFF -12.1'

EL 581.70
OFF 0.0'

EL 581.61
OFF 14.4'

EL 581.64
OFF 15.5'

EL 581.71
OFF 20.9'

EL 581.72
OFF 37.6'

GAS LINE

WATER LINE

ATT LINE

235+31.43

01'

P:\2016\160347\4 CADD - DWG\4.7 Tran\03_Preliminary Design\Sheets\XSections\323-442_XS_06_J6S1718.dgn 6:22:59 PM 3/30/2021

STATE OF MISSOURI
JOHN R. LANDECK
NUMBER PE-2013032918
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THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY

DATE PREPARED
3/30/2021

ROUTE	STATE
100	MO

DISTRICT	SHEET NO.
SL	402

COUNTY
ST. LOUIS

JOB NO.
J6S1718, B, & C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

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

REV.	DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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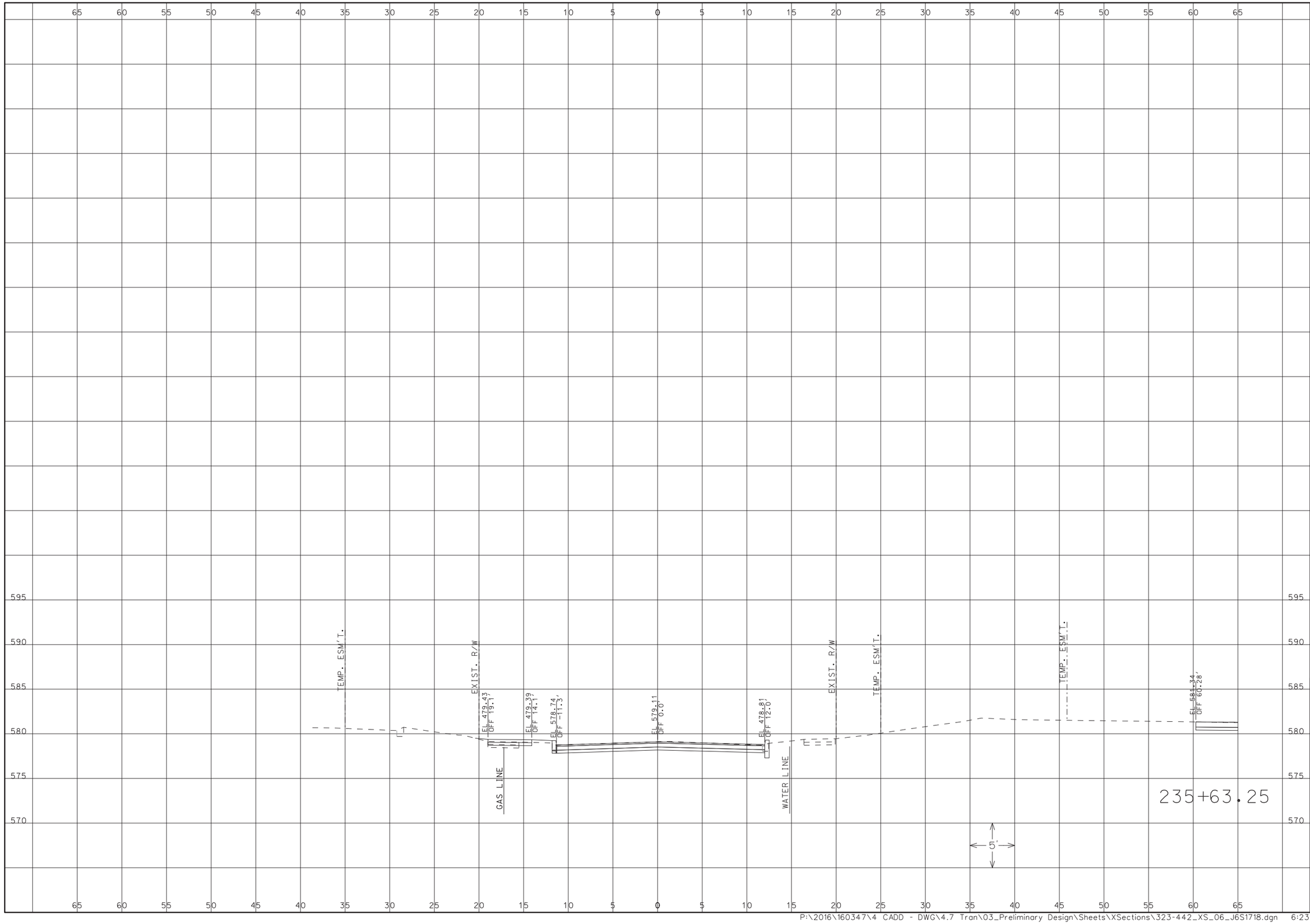
CROSS SECTIONS

MONIER PL

SHEET 402 OF 473

J6S1718



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THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY

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3/30/2021

ROUTE	STATE
100	MO

DISTRICT	SHEET NO.
SL	403

COUNTY
ST. LOUIS

JOB NO.
J6S1718, B, & C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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CROSS SECTIONS

MONIER PL

SHEET 403 OF 473

REV.

J6S1718

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

595 590 585 580 575 570

EL 580.90
OFF -44.6'

2.25%

EL 580.69
OFF -36.4'

EXIST. R/W

GAS LINE

EL 579.75
OFF -14.6'

EL 579.54
OFF 0.0'

1.48%

CHARTER LINE

EL 579.33
OFF 14.0'

WATER LINE

EXIST. R/W

ATT LINE

EL 579.59
OFF 62.8'

239+62.43

PERM. ESM'T.

EXIST. R/W

GAS LINE

EL 579.94
OFF -14.0'

EL 579.93
OFF 0.0'

0.71%

EL 579.72
OFF 12.5'

WATER LINE

EXIST. R/W

239+56.63

0'

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3/30/2021

ROUTE	STATE
100	MO

DISTRICT	SHEET NO.
SL	404

COUNTY
ST. LOUIS

JOB NO.
J6S1718, B, & C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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CROSS SECTIONS
SALEM HILLS DR
SHEET 404 OF 473

REV.

J6S1718

EL 580.32'
OFF -63.2'

EL 580.77'
OFF -59.4'

+1.31%

EL 580.53'
OFF -40.6'

EL 579.81'
OFF -22.1'

GAS LINE

EL 579.44'
OFF 0.0'

1.54%

WATER LINE

EL 579.12'
OFF 22.6'

EL 579.42'
OFF 33.1'

239+70.16

01'

P:\2016\160347\4 CADD - DWG\4.7 Tran\03_Preliminary Design\Sheets\XSections\323-442_XS_06_J6S1718.dgn 6:23:03 PM 3/30/2021

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NUMBER PE-2013032918
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY

DATE PREPARED
3/30/2021

ROUTE	STATE
100	MO

DISTRICT	SHEET NO.
SL	405

COUNTY
ST. LOUIS

JOB NO.
J6S1718, B, & C

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)

TWM
ENGINEERING
GEOSPATIAL SERVICES
720 OLIVE STREET, SUITE 200A
ST. LOUIS, MO 63101
(314) 241-6300
www.twm-inc.com
MISSOURI CERT. OF AUTHORITY: 001538

CROSS SECTIONS

SALEM HILLS DR

SHEET 405 OF 473

REV.

J6S1718

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

585 580 575 570 565

EXIST. R/W
ATT LINE
GAS LINE
EL 573.74
OFF -16.0'
3.72%
EL 573.15
OFF 0.0'
4.38%
EXIST. R/W
EL 572.45
OFF 16.0'
R/W LINE

245+45.25

EXIST. R/W
EL 575.04
OFF -20.9'
1.49%
EL 574.73
OFF 0.0'
1.53%
EXIST. R/W
EL 574.41
OFF 20.9'
R/W LINE
ATT LINE
GAS LINE
MCI FD

245+30.21

EL 575.91
OFF -44.5'
EL 575.43
OFF -33.3'
EL 575.27
OFF -31.0'
1.45%
EL 574.82
OFF 0.0'
1.54%
EL 574.34
OFF 31.0'
EL 574.32
OFF 33.3'
EL 574.70
OFF 42.5'
ATT LINE

245+23.79

5'

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STATE OF MISSOURI
JOHN R. LANDECK
NUMBER PE-2013032918
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY

DATE PREPARED
3/30/2021

ROUTE	STATE
100	MO
DISTRICT	SHEET NO.
SL	406

COUNTY
ST. LOUIS

JOB NO.
J6S1718, B, & C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

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

REV.	DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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CROSS SECTIONS
FREDERICK LN
SHEET 406 OF 473

J6S1718

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

585 580 575 570 565 560

EL 570.46
OFF -330'

1.07%

EL 570.88
OFF 0.0'

1.63%

EL 571.53
OFF 40.1'

EL 571.56
OFF 42.6'

2.76%

EL 572.17

MODOT ITS

MODOT ITS

249+61.19

EL 570.61
OFF -343'

1.05%

EL 570.97
OFF 0.0'

1.74%

EL 571.59
OFF 35.3'

EL 571.66
OFF 46.2'

1.78%

EL 571.78
OFF 52.9'

PERM. ESM'T.

MODOT ITS

MODOT ITS

249+56.91

10'

JOHN R. LANDECK
NUMBER PE-2013032918
STATE OF MISSOURI
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY

DATE PREPARED
3/30/2021

ROUTE	STATE
100	MO

DISTRICT	SHEET NO.
SL	407

COUNTY
ST. LOUIS

JOB NO.
J6S1718, B, & C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

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REV.	DESCRIPTION	DATE

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CROSS SECTIONS

DIERBERGS

SHEET 407 OF 473

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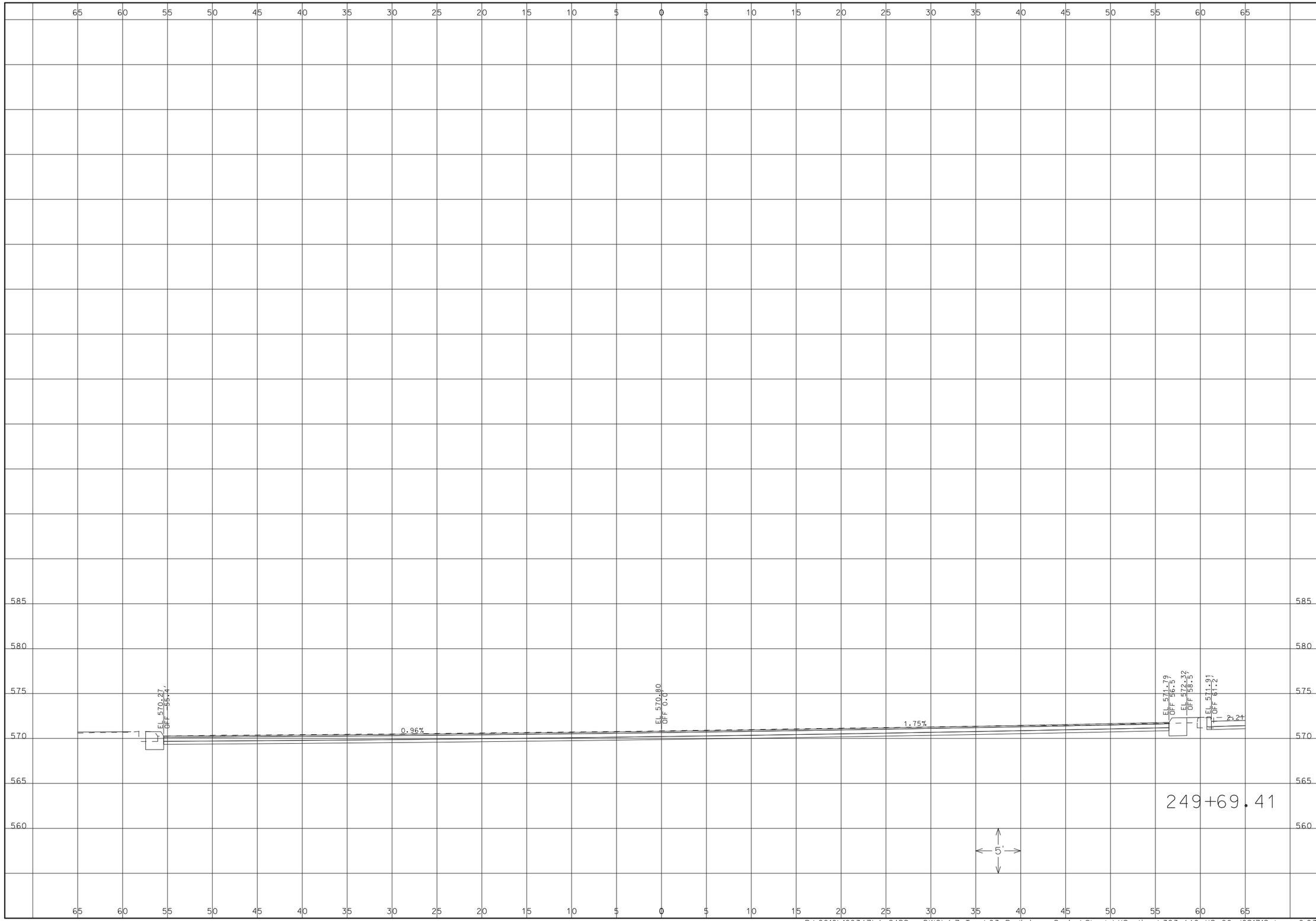

STATE OF MISSOURI
JOHN R. LANDECK
NUMBER PE-2013032918
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY

DATE PREPARED
3/30/2021

ROUTE	STATE
100	MO

DISTRICT	SHEET NO.
SL	408

COUNTY
ST. LOUIS

JOB NO.
J6S1718, B, & C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

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REV.	DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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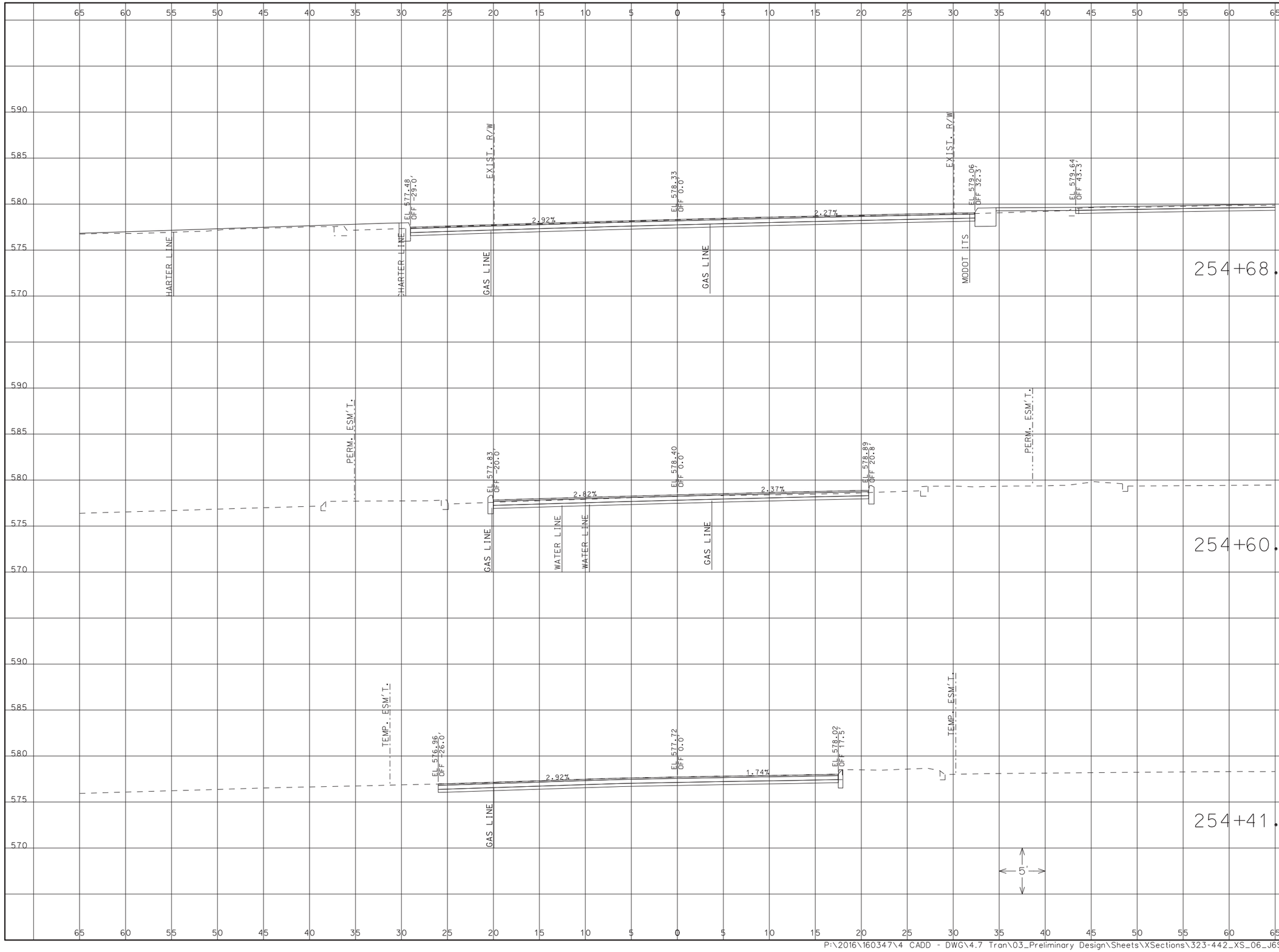
CROSS SECTIONS

DIERBERGS

SHEET 408 OF 473

P:\2016\160347\4 CADD - DWG\4.7 Tran\03_Preliminary Design\Sheets\XSections\323-442_XS_06_J6S1718.dgn 6:23:07 PM 3/30/2021

J6S1718



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STATE OF MISSOURI
JOHN R. LANDECK
NUMBER PE-2013032918
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY

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3/30/2021

ROUTE	STATE
100	MO
DISTRICT	SHEET NO.
SL	409

COUNTY
ST. LOUIS

JOB NO.
J6S1718, B, & C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

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REV.	DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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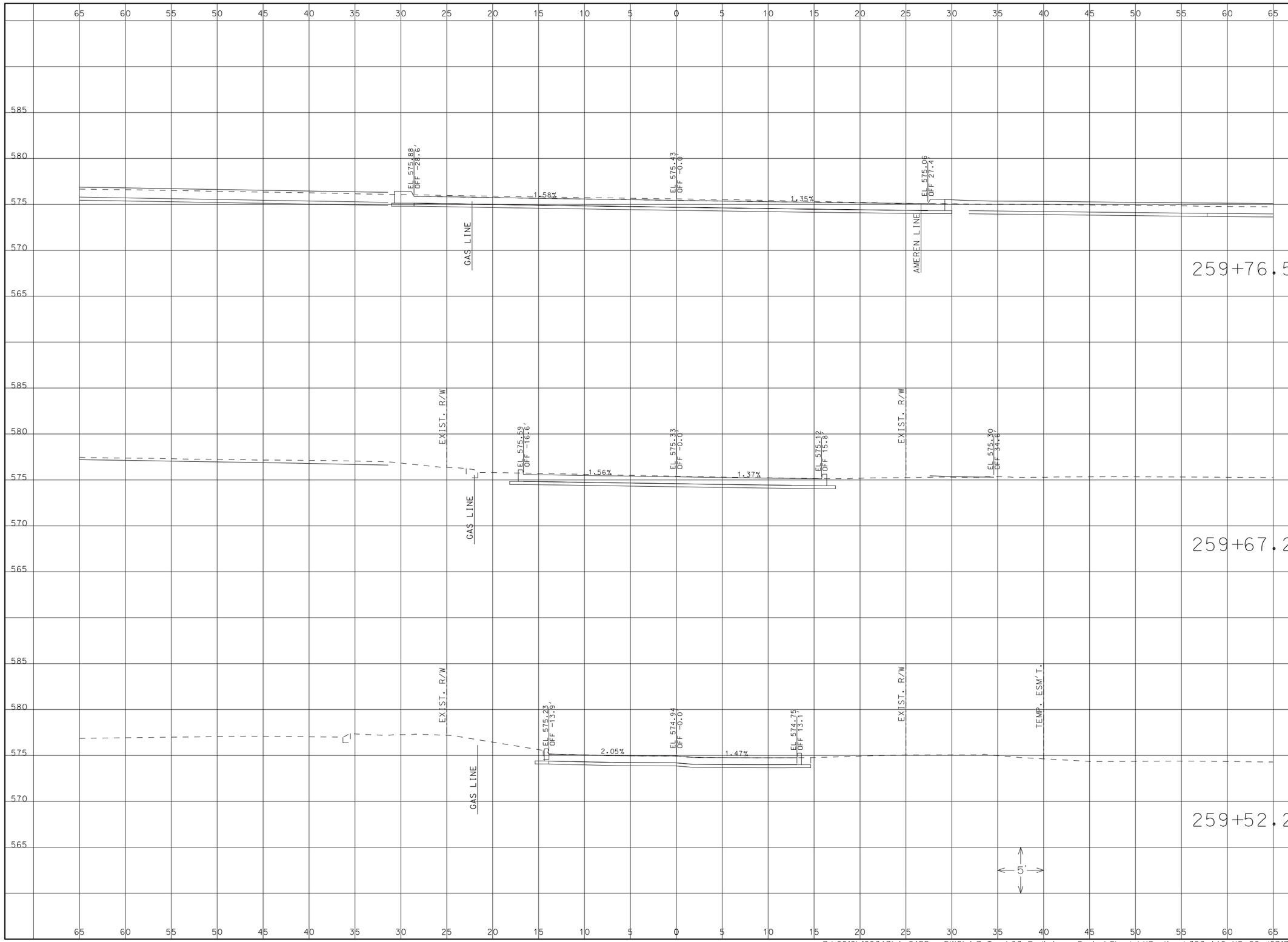
CROSS SECTIONS

WARSON WOODS BLVD

SHEET 409 OF 473

J6S1718



STATE OF MISSOURI
JOHN R. LANDECK
NUMBER PE-2013032918
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY

DATE PREPARED
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ROUTE	STATE
100	MO
DISTRICT	SHEET NO.
SL	410

COUNTY
ST. LOUIS

JOB NO.
J6S1718, B, & C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

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REV.	DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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CROSS SECTIONS
ANDREW DR
SHEET 410 OF 473

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J6S1718

STATE OF MISSOURI
JOHN R. LANDECK
NUMBER PE-2013032918
PROFESSIONAL ENGINEER

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DATE PREPARED
3/30/2021

ROUTE	STATE
100	MO
DISTRICT	SHEET NO.
SL	411

COUNTY
ST. LOUIS

JOB NO.
J6S1718, B, & C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

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

REV.	DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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CROSS SECTIONS

ANDREW DR

SHEET 411 OF 473

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J6S1718

STATE OF MISSOURI
JOHN R. LANDECK
NUMBER PE-2013032918
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY

DATE PREPARED
3/30/2021

ROUTE	STATE
100	MO
DISTRICT	SHEET NO.
SL	412

COUNTY
ST. LOUIS

JOB NO.
J6S1718, B, & C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

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

REV.	DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
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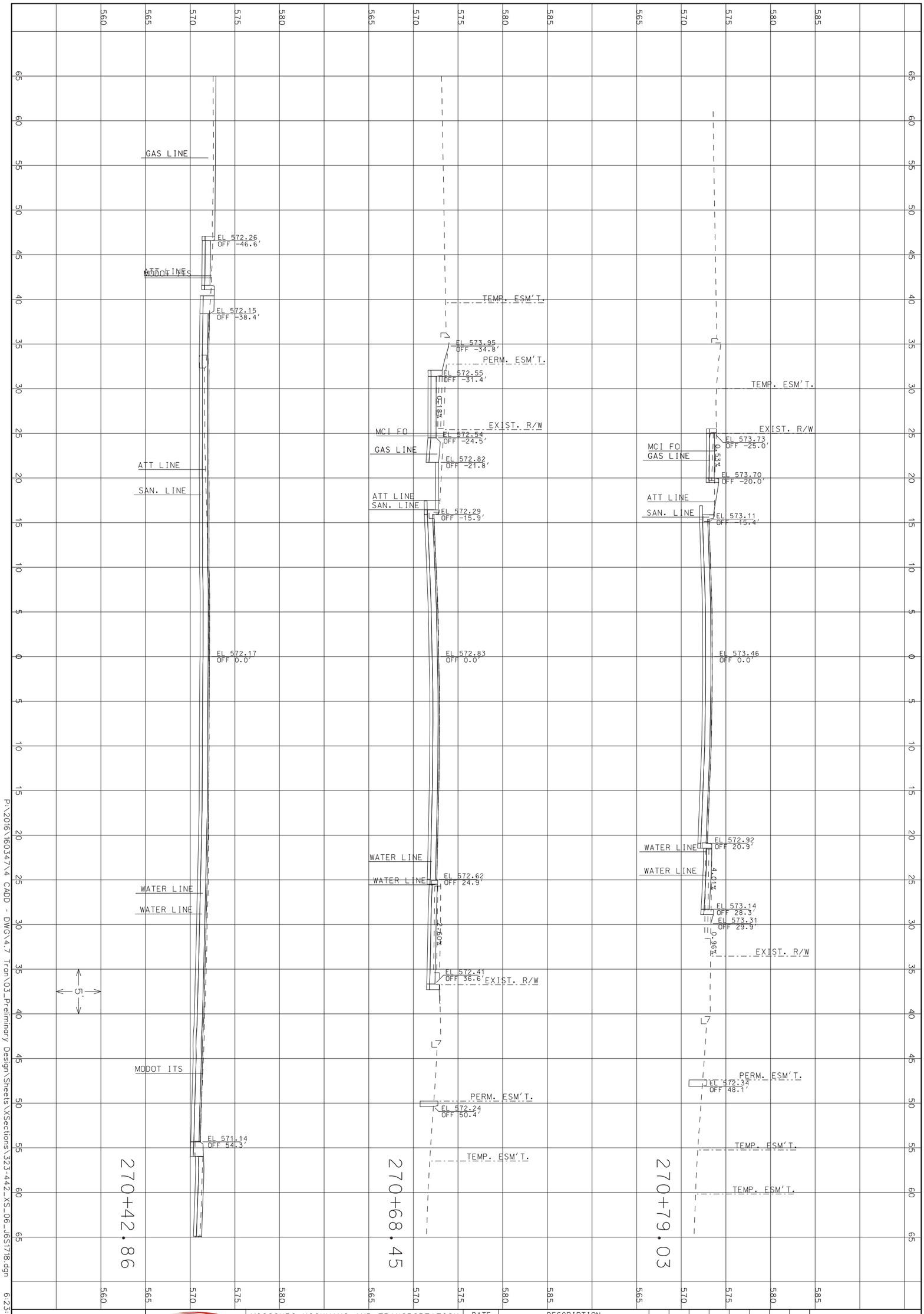
CROSS SECTIONS
SAPPINGTON RD
SHEET 412 OF 473

P:\2016\160347\4 CADD - DWG\4.7 Tran\03_Preliminary Design\Sheets\XSections\323-442_XS_06_J6S1718.dgn 6:23:13 PM 3/30/2021



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CROSS SECTIONS

SAPPINGTON RD

SHEET 413 OF 473

TWM ENGINEERING GEOSPATIAL SERVICES
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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

DATE	DESCRIPTION

BRIDGE NO.

PROJECT NO.

CONTRACT ID.

JOB NO. J6S1718, B, & C

COUNTY ST. LOUIS

DISTRICT SL

ROUTE 100

SHEET NO. 413

STATE MO

DATE PREPARED 3/30/2021

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY

STATE OF MISSOURI
JOHN R. LANDECK
NUMBER PE-2013032918
PROFESSIONAL ENGINEER

REV.

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

J6S1718

EL 549.94, OFF -38.0
EL 550.43, OFF 0.0
EL 550.87, OFF 31.7
1.29%
1.38%
GAS LINE
SAN. LINE
274+76.28

EL 551.30, OFF -64.1
EL 550.92, OFF -56.7
EL 550.28, OFF -46.4
EXIST. R/W
EL 550.18, OFF -24.1
EL 550.50, OFF 0.0
EL 550.74, OFF 19.2
EXIST. R/W
5.17%
1.33%
1.29%
ATT LINE
GAS LINE
SAN. LINE
WATER LINE
WATER LINE
274+67.61

EXIST. R/W
EL 550.22, OFF -14.9
EL 550.81, OFF 0.0
EL 550.05, OFF 14.1
EXIST. R/W
3.97%
5.38%
GAS LINE
ATT LINE
SAN. LINE
WATER LINE
274+36.89
5'

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

STATE OF MISSOURI
JOHN R. LANDECK
NUMBER PE-2013032918
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY

DATE PREPARED
3/30/2021

ROUTE	STATE
100	MO
DISTRICT	SHEET NO.
SL	414

COUNTY
ST. LOUIS

JOB NO.
J6S1718, B, & C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

REV.	DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
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720 OLIVE STREET, SUITE 200A
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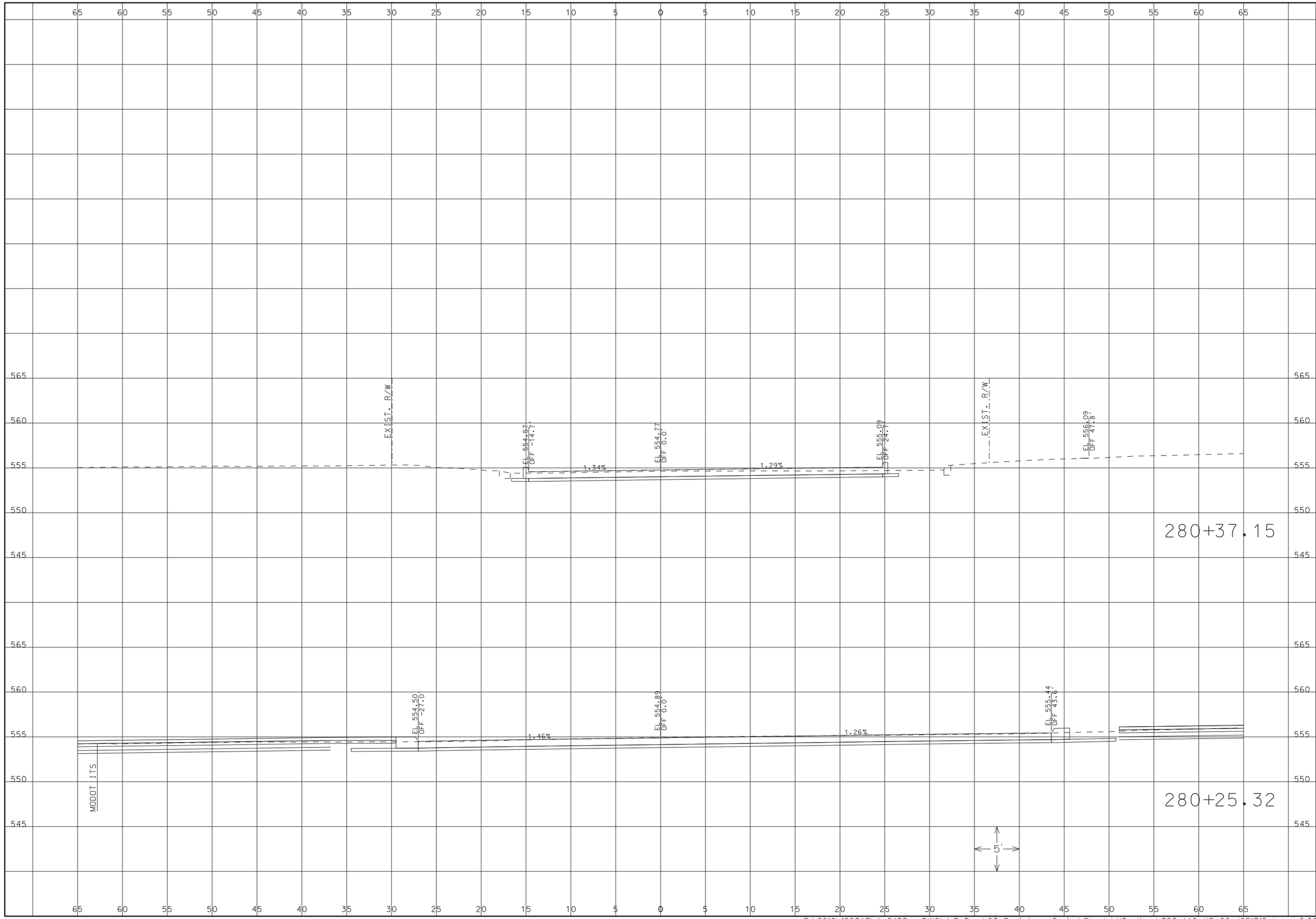
CROSS SECTIONS
BENNETT AVE
SHEET 414 OF 473

P:\2016\160347\4 CADD - DWG\4.7 Tran\03_Preliminary Design\Sheets\XSections\323-442_XS_06_J6S1718.dgn 6:23:16 PM 3/30/2021

J6S1718



THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY

STATE OF MISSOURI
JOHN R. LANDECK
NUMBER PE-2013032918
PROFESSIONAL ENGINEER

DATE PREPARED
3/30/2021

ROUTE	STATE
100	MO
DISTRICT	SHEET NO.
SL	415

COUNTY
ST. LOUIS

JOB NO.
J6S1718, B, & C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

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DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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JEFFERSON CITY, MO 65102
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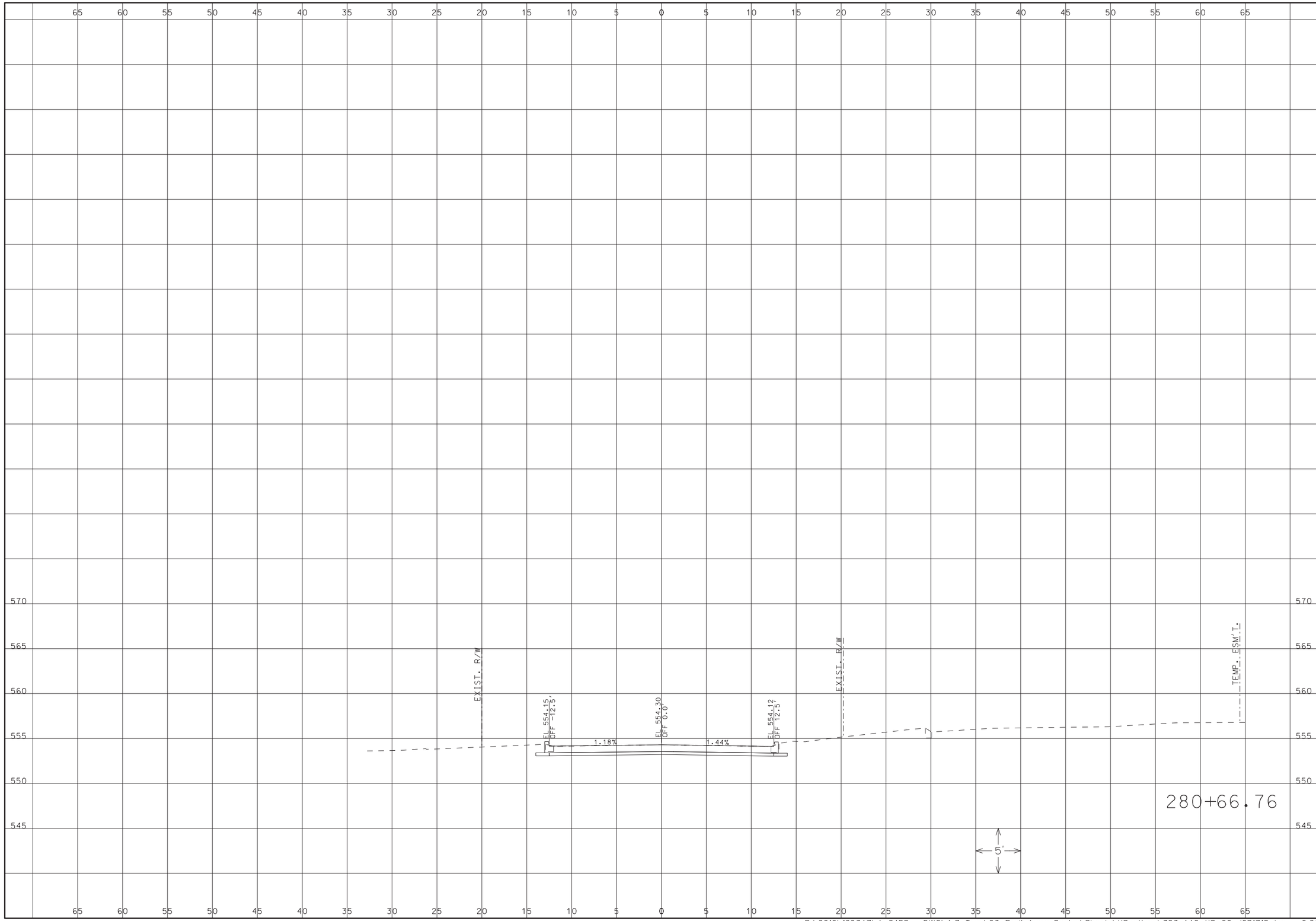
CROSS SECTIONS

GLENDALE GARDENS

SHEET 415 OF 473

REV.

P:\2016\160347\4 CADD - DWG\4.7 Tran\03_Preliminary Design\Sheets\XSections\323-442_XS_06_J6S1718.dgn 6:23:18 PM 3/30/2021



STATE OF MISSOURI
JOHN R. LANDECK
NUMBER PE-2013032918
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY

DATE PREPARED
3/30/2021

ROUTE	STATE
100	MO

DISTRICT	SHEET NO.
SL	416

COUNTY
ST. LOUIS

JOB NO.
J6S1718, B, & C

CONTRACT ID.

PROJECT NO.

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DESCRIPTION	DATE

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CROSS SECTIONS

GLENDALE GARDENS

SHEET 416 OF 473

REV.

P:\2016\160347\4 CADD - DWG\4.7 Tran\03_Preliminary Design\Sheets\XSections\323-442_XS_06_J6S1718.dgn 6:23:19 PM 3/30/2021

J6S1718

EXIST. R/W
ATT LINE
GAS LINE
EL 558.33
OFF -12.5'
WATER LINE
2.26%
EL 558.61
OFF 0.0
1.03%
EL 558.48
OFF 12.5'
EXIST. R/W
R/W LINE
TEMP. ESM'T.
PERM. ESM'T.
EXIST. R/W
SAN. LINE
GAS LINE
MODOT ITS
GAS LINE
285+51.97

EL 557.26
OFF -60.8'
1.74%
EL 557.43
OFF -50.8'
EXIST. R/W
EX. STORM
EL 558.15
OFF -15.0'
1.35%
EL 558.35
OFF -0.0
1.31%
EL 558.57
OFF 17.0'
R/W LINE
ATT LINE
GAS LINE
WATER LINE
GAS LINE
SAN. LINE
285+36.30

EL 557.34
OFF -56.7'
1.37%
EL 557.56
OFF -46.4'
EL 558.13
OFF -34.4'
EL 557.78
OFF -27.2'
1.22%
EL 558.11
OFF -0.0
1.47%
EL 558.56
OFF 30.7'
ATT LINE
GAS LINE
WATER LINE
MODOT ITS
AMEREN LINE
SAN. LINE
MODOT ITS
285+25.26
5'

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STATE OF MISSOURI
JOHN R. LANDECK
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PROFESSIONAL ENGINEER

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ROUTE	STATE
100	MO
DISTRICT	SHEET NO.
SL	417

COUNTY
ST. LOUIS

JOB NO.
J6S1718, B, & C

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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

MoDOT

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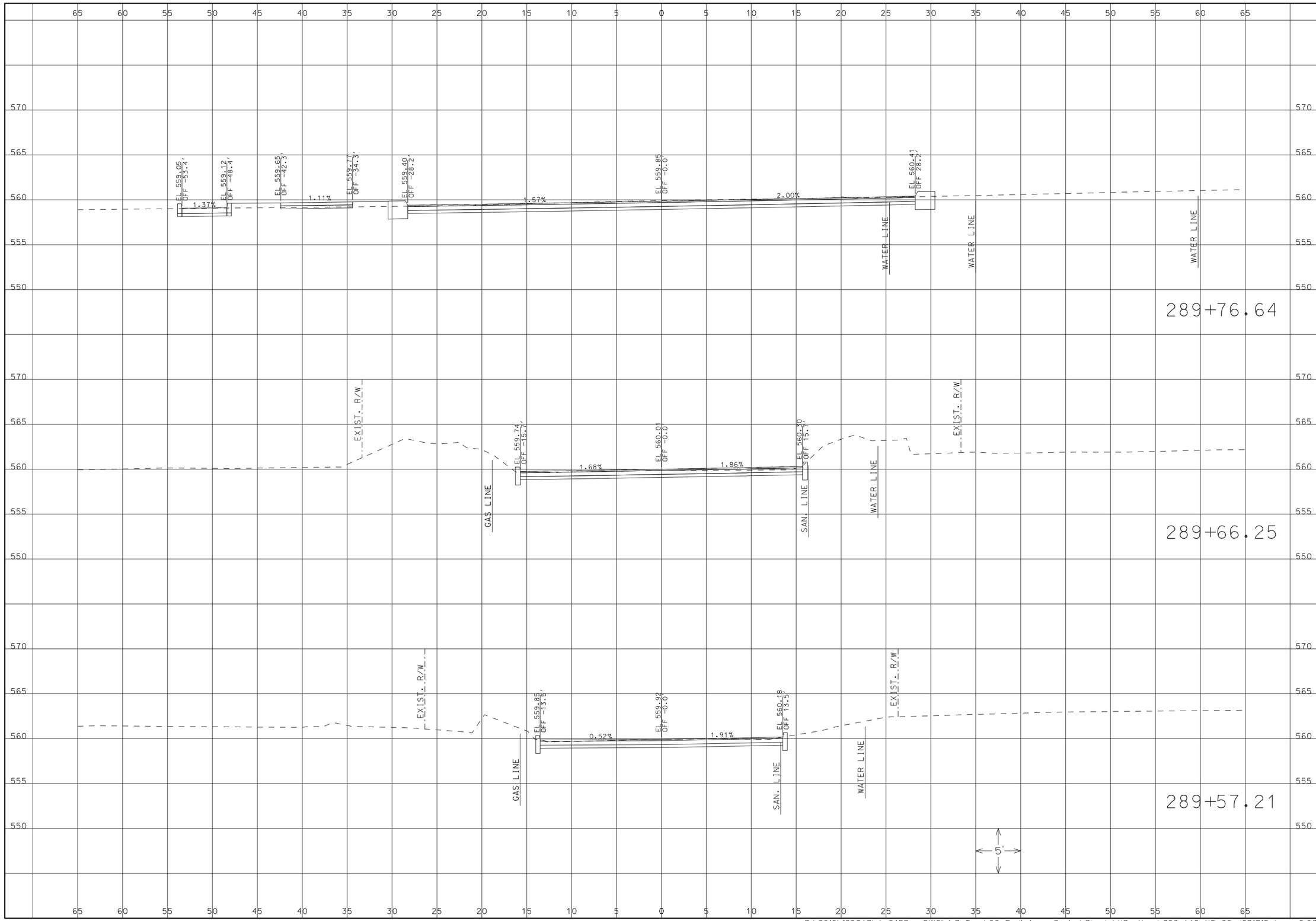
CROSS SECTIONS
KENMORE DR
SHEET 417 OF 473

J6S1718



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

STATE OF MISSOURI
JOHN R. LANDECK
NUMBER PE-2013032918
PROFESSIONAL ENGINEER

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3/30/2021

ROUTE	STATE
100	MO
DISTRICT	SHEET NO.
SL	418

COUNTY
ST. LOUIS

JOB NO.
J6S1718, B, & C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

REV.	DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
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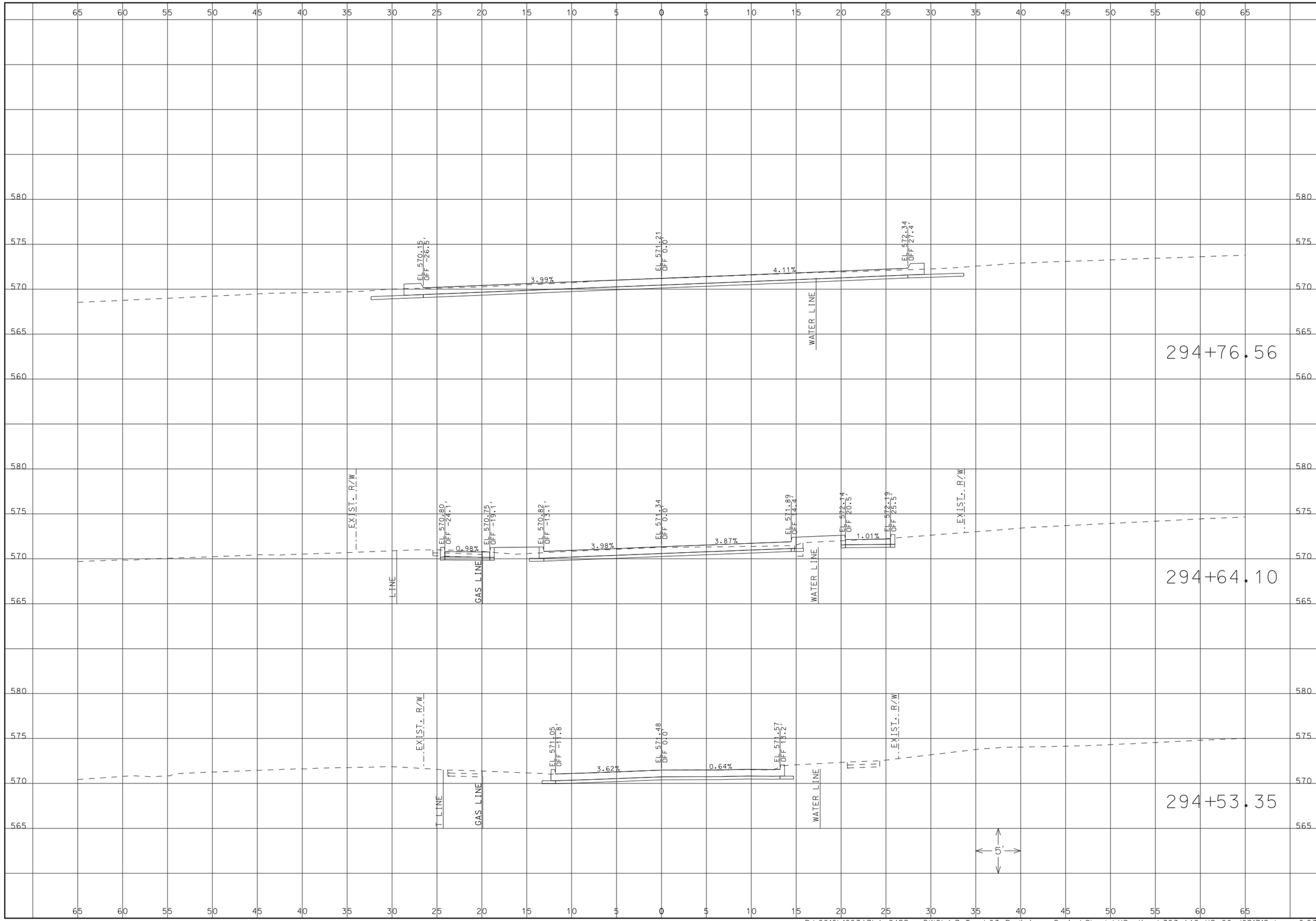
CROSS SECTIONS
STURGIS DR
SHEET 418 OF 473

P:\2016\160347\4 CADD - DWG\4.7 Tran\03_Preliminary Design\Sheets\XSections\323-442_XS_06_J6S1718.dgn 6:23:23 PM 3/30/2021

J6S1718



STATE OF MISSOURI
JOHN R. LANDECK
NUMBER PE-2013032918
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THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY

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ROUTE	STATE
100	MO
DISTRICT	SHEET NO.
SL	419

COUNTY
ST. LOUIS

JOB NO.
J6S1718, B, & C

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BRIDGE NO.

DESCRIPTION	DATE

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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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MISSOURI CERT. OF AUTHORITY: 001528

CROSS SECTIONS
MARIEDALE CT
SHEET 419 OF 473

REV.

P:\2016\160347\4 CADD - DWG\4.7 Tran\03_Preliminary Design\Sheets\XSections\323-442_XS_06_J6S1718.dgn 6:23:25 PM 3/30/2021

J6S1718

STATE OF MISSOURI
JOHN R. LANDECK
NUMBER PE-2013032918
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY

DATE PREPARED
3/30/2021

ROUTE	STATE
100	MO
DISTRICT	SHEET NO.
SL	420

COUNTY
ST. LOUIS

JOB NO.
J6S1718, B, & C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

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

REV.	DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
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MoDOT

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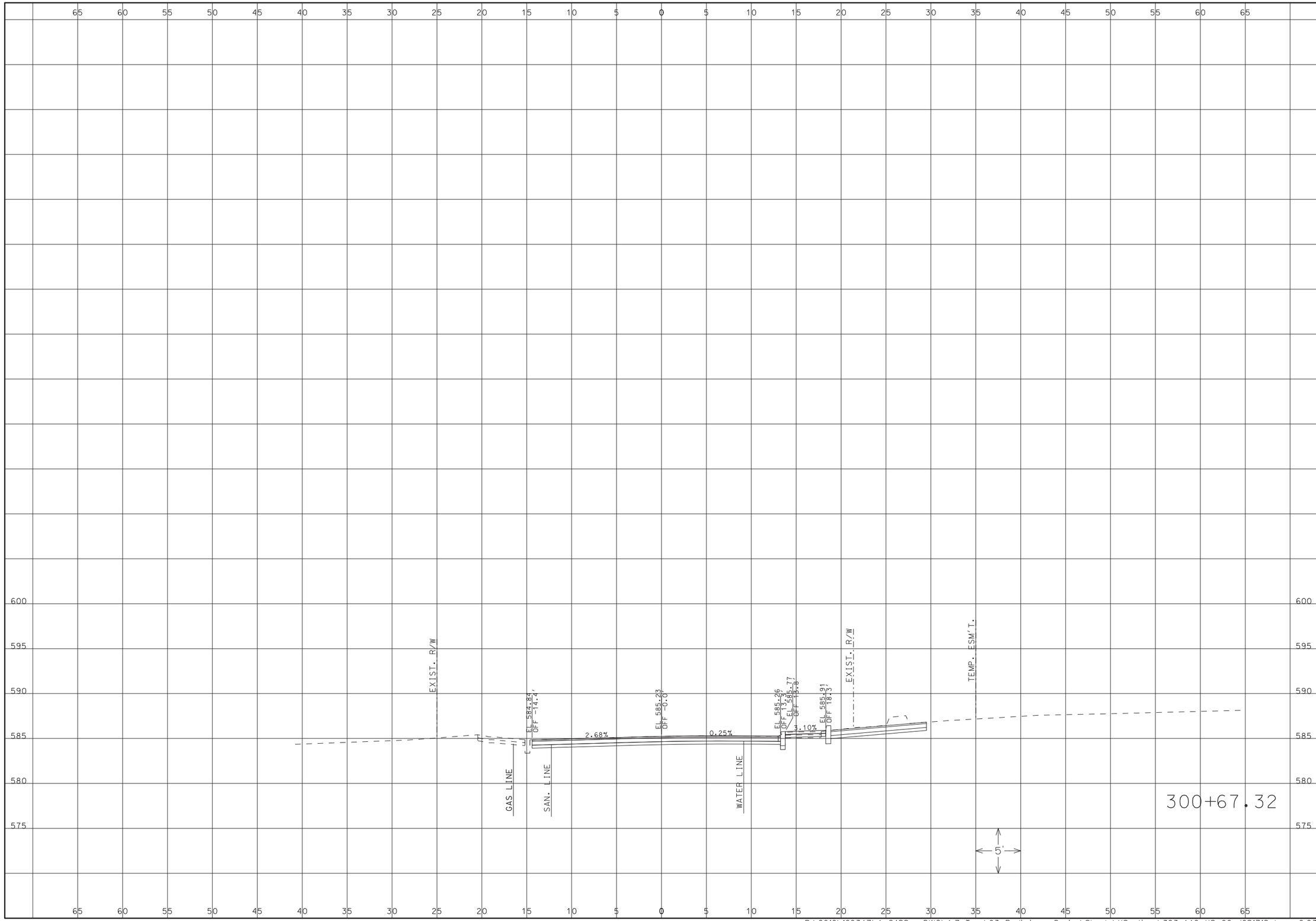
CROSS SECTIONS
DICKSON ST
SHEET 420 OF 473

P:\2016\160347\4 CADD - DWG\4.7 Tran\03_Preliminary Design\Sheets\XSections\323-442_XS_06_J6S1718.dgn 6:23:26 PM 3/30/2021



JOHN R. LANDECK
NUMBER PE-2013032918
STATE OF MISSOURI
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY

DATE PREPARED
3/30/2021

ROUTE	STATE
100	MO

DISTRICT	SHEET NO.
SL	421

COUNTY
ST. LOUIS

JOB NO.
J6S1718, B, & C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

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

REV.	DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
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CROSS SECTIONS

DICKSON ST

SHEET 421 OF 473

P:\2016\160347\4 CADD - DWG\4.7 Tran\03_Preliminary Design\Sheets\XSections\323-442_XS_06_J6S1718.dgn 6:23:28 PM 3/30/2021

J6S1718

EXIST. R/W
EL 612.27
OFF -19.8'
1.26%
EL 612.52
OFF 0.0'
1.50%
EL 612.39
OFF 8.8'
EL 612.35
OFF 11.1'
EL 612.75
OFF 13.1'
1.00%
EL 612.82
OFF 19.6'
EXIST. R/W
PERM. ESM'T.
TEMP. ESM'T.

301+35.21

EXIST. R/W
EL 614.36
OFF 0.0'
EXIST. R/W

301+00.00

5'

P:\2016\160347\4 CADD - DWG\4.7 Tran\03_Preliminary Design\Sheets\XSections\323-442_XS_06_J6S1718.dgn 6:23:29 PM 3/30/2021

STATE OF MISSOURI
JOHN R. LANDECK
NUMBER PE-2013032918
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY

DATE PREPARED
3/30/2021

ROUTE	STATE
100	MO

DISTRICT	SHEET NO.
SL	422

COUNTY
ST. LOUIS

JOB NO.
J6S1718, B, & C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

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

DESCRIPTION	DATE

REV.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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CROSS SECTIONS
WOODLAWN AVE
SHEET 422 OF 473

J6S1718

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

625 620 615 610 605 600

EXIST. R/W

EL 609.18
OFF -20.1'

3.38%

EL 609.86
OFF 0.0'

1.50%

EL 609.63
OFF 15.1'

1.50%

EL 609.45
OFF 27.1'

EL 609.78
OFF 30.1'

EXIST. R/W

EL 609.85
OFF 35.4'

EL 610.85
OFF 36.9'

EL 611.35
OFF 38.9'

PERM. ESM'T.

TEMP. ESM'T.

GAS LINE

302+00.00

EXIST. R/W

EL 611.60
OFF -20.1'

1.00%

EL 611.80
OFF 0.0'

1.49%

EL 611.64
OFF 10.2'

EL 611.59
OFF 13.9'

EL 611.92
OFF 16.9'

1.00%

EL 611.99
OFF 23.2'

EXIST. R/W

PERM. ESM'T.

TEMP. ESM'T.

301+50.00

5'

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY

JOHN R. LANDECK
NUMBER PE-2013032918
STATE OF MISSOURI
PROFESSIONAL ENGINEER

DATE PREPARED
3/30/2021

ROUTE	STATE
100	MO

DISTRICT	SHEET NO.
SL	423

COUNTY
ST. LOUIS

JOB NO.
J6S1718, B, & C

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

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CROSS SECTIONS

WOODLAWN AVE

SHEET 423 OF 473

REV.

P:\2016\160347\4 CADD - DWG\4.7 Tran\03_Preliminary Design\Sheets\XSections\323-442_XS_06_J6S1718.dgn 6:23:42 PM 3/30/2021

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

625 620 615 610 605 600

EXIST. R/W

EL 608.56
OFF -19.9

1.50%

GAS LINE

EL 609.05
OFF 0.0

1.50%

GAS LINE

EL 608.76
OFF 19.0

1.50%

SAN. LINE

EL 608.51
OFF 35.6

EXIST. R/W

EL 608.84
OFF 38.6

1.00%

EL 608.90
OFF 44.6

EL 609.90
OFF 45.6

PERM. ESM'T.

303+00.00

EXIST. R/W

EL 608.51
OFF -19.9

2.21%

GAS LINE

EL 608.95
OFF 0.0

1.50%

EL 608.66
OFF 19.0

1.50%

EXIST. R/W

EL 608.39
OFF 37.6

EL 608.72
OFF 40.6

1.00%

EL 608.78
OFF 46.6

EL 609.78
OFF 47.6

EL 609.93
OFF 47.7

PERM. ESM'T.

TEMP. ESM'T.

302+50.00

5'

STATE OF MISSOURI
JOHN R. LANDECK
NUMBER PE-2013032918
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY

DATE PREPARED
3/30/2021

ROUTE	STATE
100	MO

DISTRICT	SHEET NO.
SL	424

COUNTY
ST. LOUIS

JOB NO.
J6S1718, B, & C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

REV.	DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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CROSS SECTIONS

WOODLAWN AVE

SHEET 424 OF 473

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

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STATE OF MISSOURI
JOHN R. LANDECK
NUMBER PE-2013032918
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THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY

DATE PREPARED
3/30/2021

ROUTE	STATE
100	MO
DISTRICT	SHEET NO.
SL	425

COUNTY
ST. LOUIS

JOB NO.
J6S1718, B, & C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

REV.	DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
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CROSS SECTIONS
WOODLAWN AVE
SHEET 425 OF 473

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STATE OF MISSOURI
JOHN R. LANDECK
NUMBER PE-2013032918
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY

DATE PREPARED
3/30/2021

ROUTE	STATE
100	MO

DISTRICT	SHEET NO.
SL	426

COUNTY
ST. LOUIS

JOB NO.
J6S1718, B, & C

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
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CROSS SECTIONS
WOODLAWN AVE
SHEET 426 OF 473

REV.

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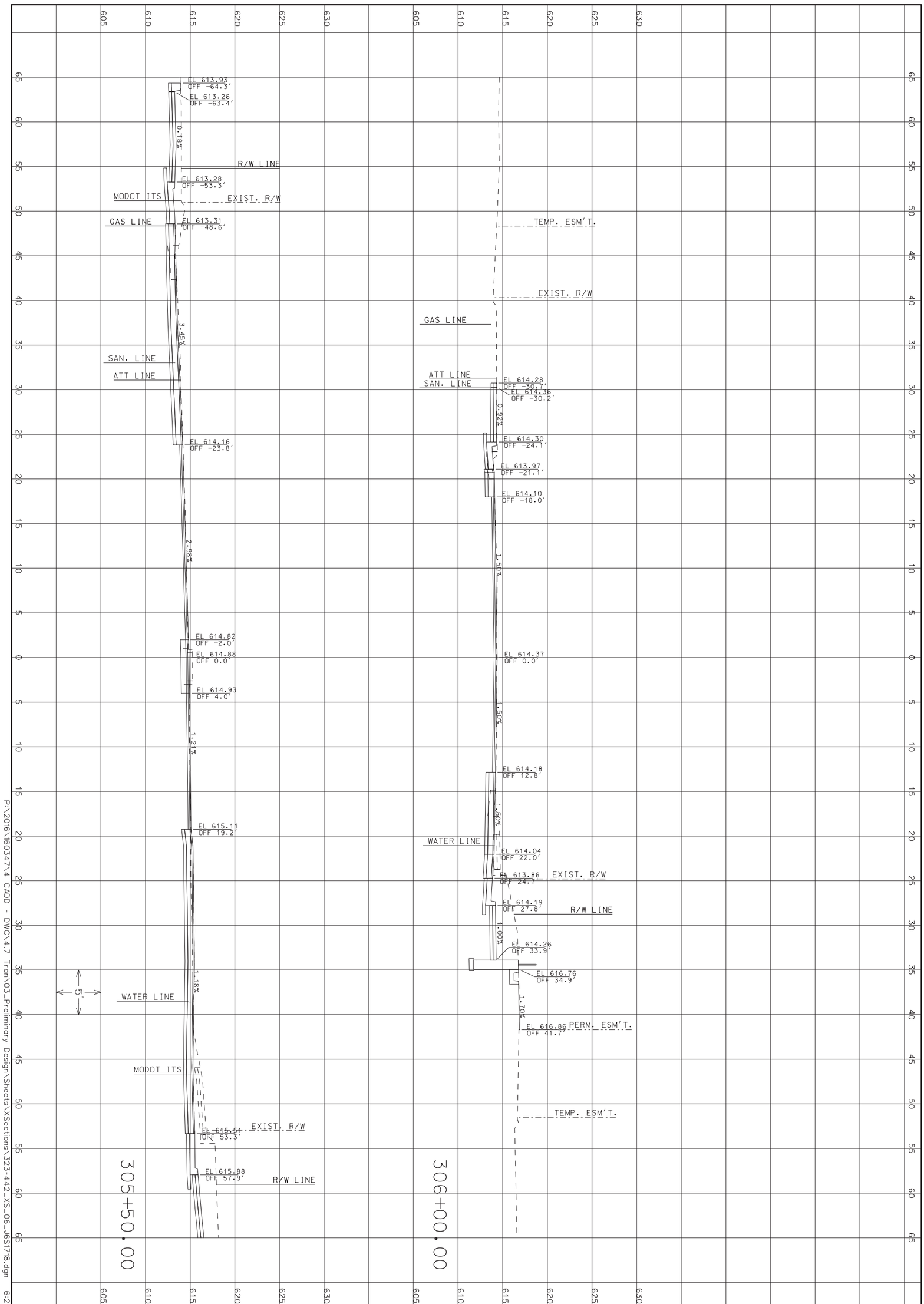

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CROSS SECTIONS

WOODLAWN AVE

SHEET 427 OF 473

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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

MoDOT

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
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DATE	DESCRIPTION

BRIDGE NO.

PROJECT NO.

CONTRACT ID. J6S1718, B, & C

JOB NO.

COUNTY ST. LOUIS

DISTRICT SL | SHEET NO. 427

ROUTE 100 | STATE MO

DATE PREPARED 3/30/2021

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY

PROFESSIONAL ENGINEER
JOHN R. LANDECK
NUMBER PE-2013030318
STATE OF MISSOURI

REV.

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

306+79.21

306+50.00

TEMP. ESM'T.
EXIST. R/W
EL 612.51 OFF -35.4'
EL 612.10 OFF -31.0'
EL 612.05 OFF -26.0'
EL 611.84 OFF -22.5'
EL 612.00 OFF -20.0'
EL 612.30 OFF 0.0'
EL 612.14 OFF 11.0'
EL 612.02 OFF 18.9'
EXIST. R/W
R/W LINE
EL 612.35 OFF 21.9'
EL 612.41 OFF 27.9'
EL 612.92 OFF 28.4'
PERM. ESM'T.
EL 613.59 OFF 31.4'
TEMP. ESM'T.
8.41%
1.00%
1.50%
1.50%
1.50%
T.00%
GAS LINE
SAN. LINE
WATER LINE

EL 613.21 OFF -33.2'
EL 613.43 OFF -31.0'
EL 613.38 OFF -26.0'
EL 613.34 OFF -23.0'
EL 613.00 OFF -20.0'
EL 613.30 OFF 0.0'
EL 613.13 OFF 11.9'
EL 612.97 OFF 22.6'
EXIST. R/W
R/W LINE
EL 613.30 OFF 25.6'
EL 613.36 OFF 31.6'
EL 613.86 OFF 32.1'
EL 615.17 OFF 37.0'
TEMP. ESM'T.
PERM. ESM'T.
TEMP. ESM'T.
1.00%
1.50%
1.50%
1.50%
GAS LINE
SAN. LINE
WATER LINE
01'

630 625 620 615 610 605

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

STATE OF MISSOURI
JOHN R. LANDECK
NUMBER PE-2013032918
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY

DATE PREPARED
3/30/2021

ROUTE	STATE
100	MO
DISTRICT	SHEET NO.
SL	428

COUNTY
ST. LOUIS

JOB NO.
J6S1718, B, & C

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

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JEFFERSON CITY, MO 65102
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CROSS SECTIONS
WOODLAWN AVE
SHEET 428 OF 473

REV.

P:\2016\160347\4 CADD - DWG\4.7 Tran\03_Preliminary Design\Sheets\XSections\323-442_XS_06_J6S1718.dgn 6:23:50 PM 3/30/2021

JOHN R. LANDECK
NUMBER PE-2013032918
STATE OF MISSOURI
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY

DATE PREPARED
3/30/2021

ROUTE	STATE
100	MO

DISTRICT	SHEET NO.
SL	429

COUNTY
ST. LOUIS

JOB NO.
J6S1718, B, & C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

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

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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CROSS SECTIONS

WOODLAWN AVE

SHEET 429 OF 473

REV.

P:\2016\160347\4 CADD - DWG\4.7 Tran\03_Preliminary Design\Sheets\XSections\323-442_XS_06_J6S1718.dgn 6:23:51 PM 3/30/2021

EXIST. R/W

EXIST. R/W

308+00.00

EXIST. R/W

EL 609.73
OFF -36.8'

EL 609.14
OFF -31.0'

EL 609.09
OFF -26.0'

EL 609.05
OFF -23.0'

EL 608.71
OFF -20.0'

EL 609.01
OFF 0.0'

EL 608.88
OFF 9.0'

EL 608.86
OFF 10.5'

EL 609.19
OFF 13.5'

EL 609.25
OFF 15.5'

EL 609.41
OFF 20.0'

TEMP. ESM'T.

PERM. ESM'T.

10.0:1

1.00%

1.50%

1.50%

1.00%

SAN. LINE

WATER LINE

307+50.00

5'

P:\2016\160347\4 CADD - DWG\4.7 Tran\03_Preliminary Design\Sheets\XSections\323-442_XS_06_J6S1718.dgn 6:23:53 PM 3/30/2021

STATE OF MISSOURI
JOHN R. LANDECK
NUMBER PE-2013032918
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY

DATE PREPARED
3/30/2021

ROUTE	STATE
100	MO

DISTRICT	SHEET NO.
SL	430

COUNTY
ST. LOUIS

JOB NO.
J6S1718, B, & C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

REV.	DESCRIPTION	DATE

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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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CROSS SECTIONS

WOODLAWN AVE

SHEET 430 OF 473

J6S1718

STATE OF MISSOURI
JOHN R. LANDECK
NUMBER PE-2013032918
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY

DATE PREPARED
3/30/2021

ROUTE	STATE
100	MO
DISTRICT	SHEET NO.
SL	431

COUNTY
ST. LOUIS

JOB NO.
J6S1718, B, & C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

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

DATE	DESCRIPTION	REV.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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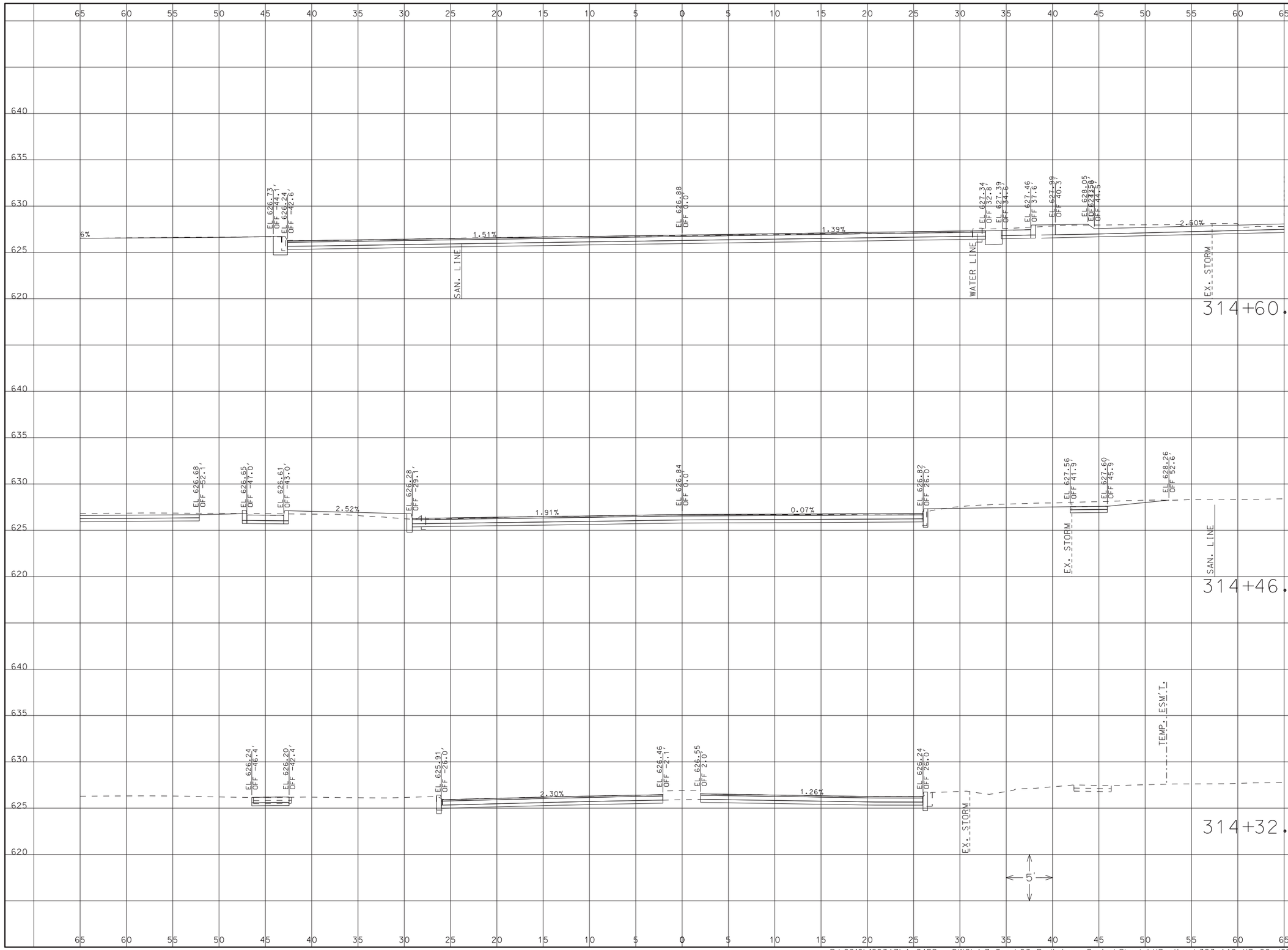
CROSS SECTIONS
WOOD AVE
SHEET 431 OF 473

P:\2016\160347\4 CADD - DWG\4.7 Tran\03_Preliminary Design\Sheets\XSections\323-442_XS_06_J6S1718.dgn 6:23:54 PM 3/30/2021

J6S1718



STATE OF MISSOURI
JOHN R. LANDECK
NUMBER PE-2013032918
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY

DATE PREPARED
3/30/2021

ROUTE	STATE
100	MO
DISTRICT	SHEET NO.
SL	432

COUNTY
ST. LOUIS

JOB NO.
J6S1718, B, & C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE	REV.

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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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JEFFERSON CITY, MO 65102
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CROSS SECTIONS

SYLVAN PL

SHEET 432 OF 473

P:\2016\160347\4 CADD - DWG\4.7 Tran\03_Preliminary Design\Sheets\XSections\323-442_XS_06_J6S1718.dgn 6:23:56 PM 3/30/2021

STATE OF MISSOURI
JOHN R. LANDECK
NUMBER PE-2013032918
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THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY

DATE PREPARED
3/30/2021

ROUTE	STATE
100	MO
DISTRICT	SHEET NO.
SL	433

COUNTY
ST. LOUIS

JOB NO.
J6S1718, B, & C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

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

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
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CROSS SECTIONS

SYLVAN PL

SHEET 433 OF 473

REV.

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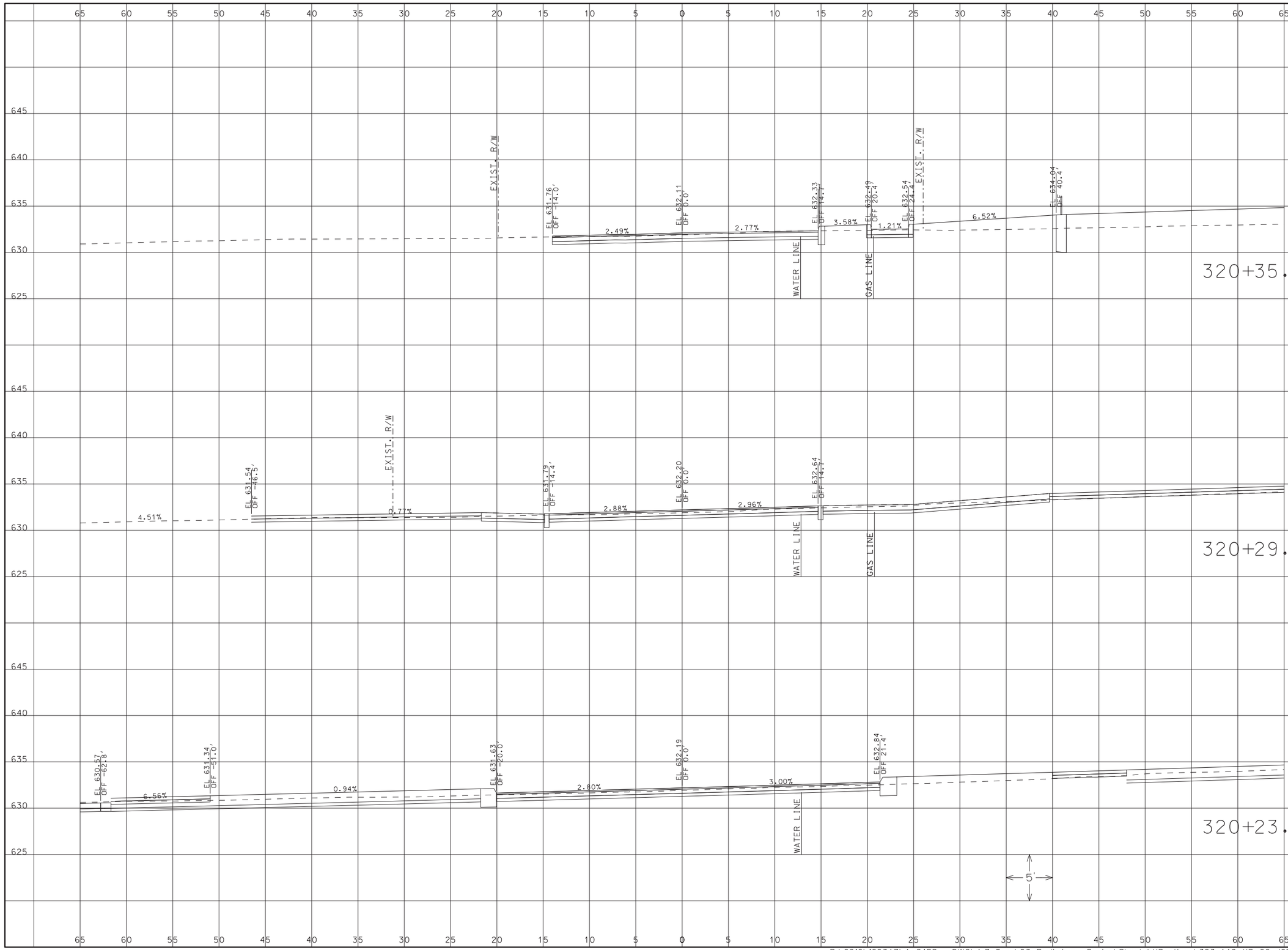
J6S1718



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STATE OF MISSOURI
JOHN R. LANDECK
NUMBER PE-2013032918
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY

DATE PREPARED
3/30/2021

ROUTE	STATE
100	MO

DISTRICT	SHEET NO.
SL	434

COUNTY
ST. LOUIS

JOB NO.
J6S1718, B, & C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

MoDOT

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

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720 OLIVE STREET, SUITE 200A
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MISSOURI CERT. OF AUTHORITY: 001528

CROSS SECTIONS

BERNICE AVE

SHEET 434 OF 473

REV.

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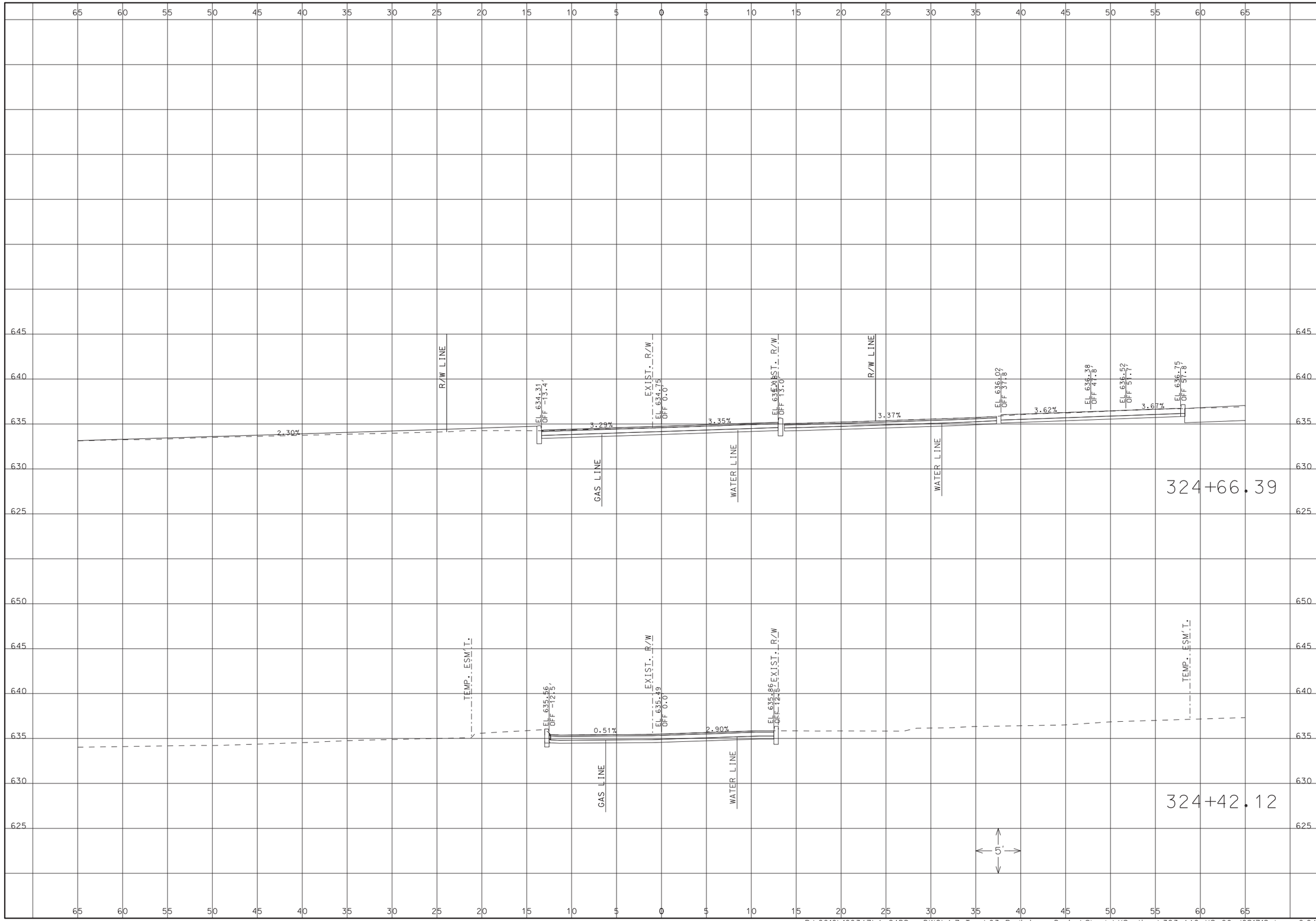
J6S1718



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STATE OF MISSOURI
JOHN R. LANDECK
NUMBER PE-2013032918
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY

DATE PREPARED
3/30/2021

ROUTE	STATE
100	MO
DISTRICT	SHEET NO.
SL	435

COUNTY
ST. LOUIS

JOB NO.
J6S1718, B, & C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

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

REV.	DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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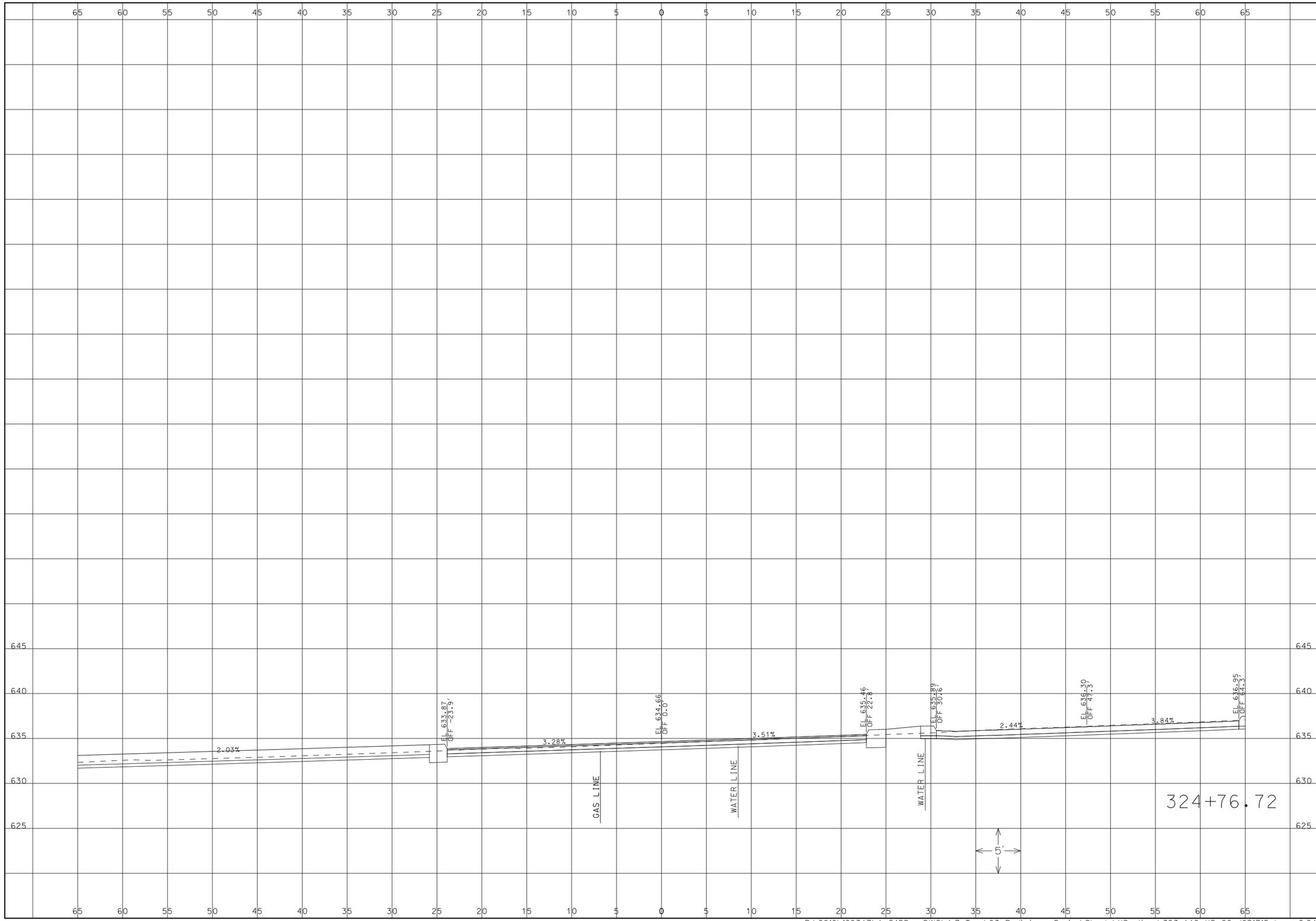
CROSS SECTIONS
LYNCHESTER LN
SHEET 435 OF 473



STATE OF MISSOURI
JOHN R. LANDECK
NUMBER PE-2013032918
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY

DATE PREPARED
3/30/2021

ROUTE	STATE
100	MO

DISTRICT	SHEET NO.
SL	436

COUNTY
ST. LOUIS

JOB NO.
J6S1718, B, & C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

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REV.	DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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CROSS SECTIONS
LYNCHESTER LN
SHEET 436 OF 473

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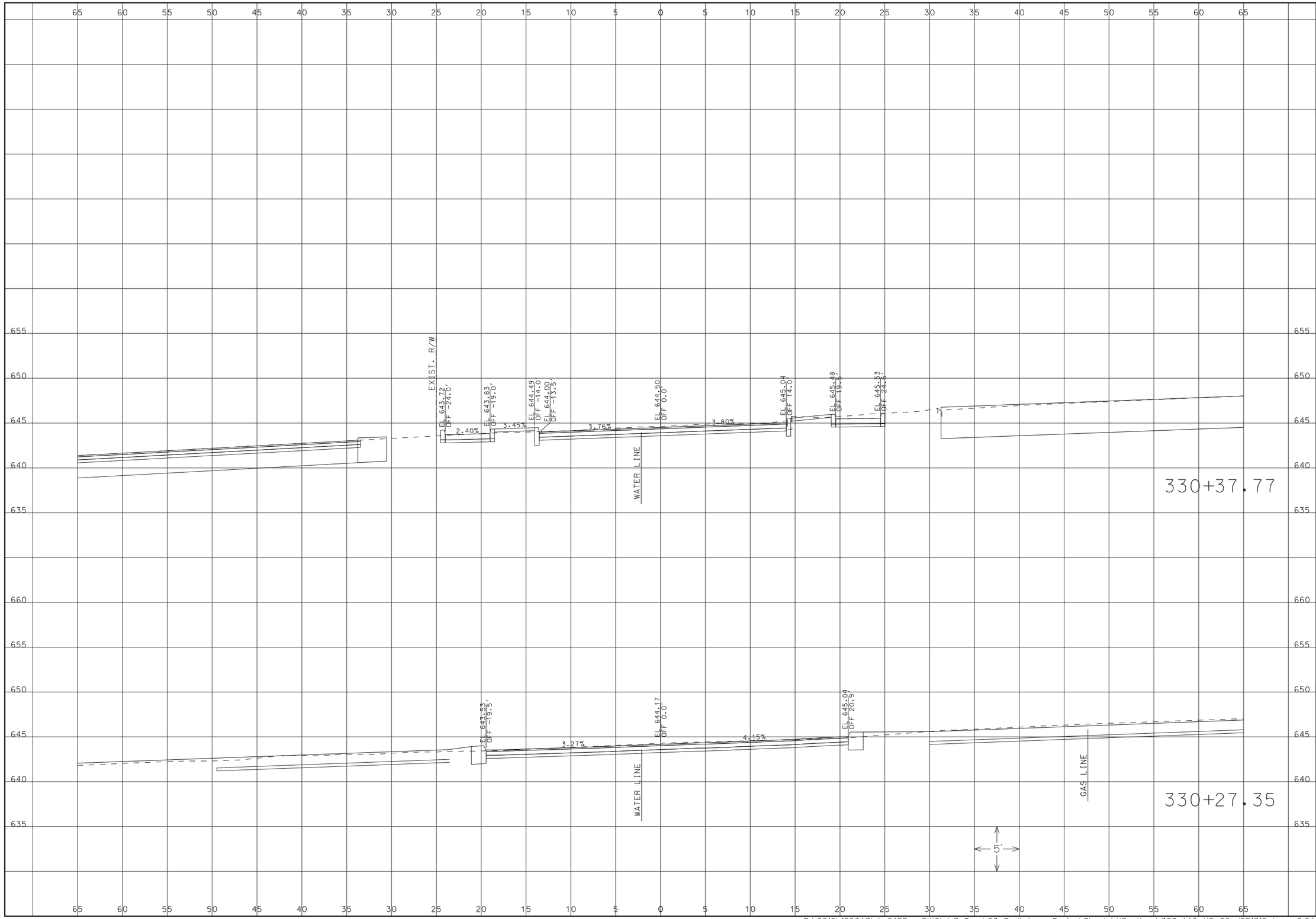
J6S1718



STATE OF MISSOURI
JOHN R. LANDECK
NUMBER PE-2013032918
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY

DATE PREPARED
3/30/2021

ROUTE	STATE
100	MO
DISTRICT	SHEET NO.
SL	437

COUNTY
ST. LOUIS

JOB NO.
J6S1718, B, & C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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CROSS SECTIONS
CURRAN AVE
SHEET 437 OF 473

REV.

P:\2016\160347\4 CADD - DWG\4.7 Tran\03_Preliminary Design\Sheets\XSections\323-442_XS_06_J6S1718.dgn 6:24:03 PM 3/30/2021

J6S1718

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STATE OF MISSOURI
JOHN R. LANDECK
NUMBER PE-2013032918
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ROUTE	STATE
100	MO

DISTRICT	SHEET NO.
SL	438

COUNTY
ST. LOUIS

JOB NO.
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CROSS SECTIONS
CURRAN AVE
SHEET 438 OF 473

TEMP. ESM'T.

EXIST. R/W

EL 643.99
OFF -23.6'

EL 643.93
OFF -18.9'

GAS LINE

EL 644.21
OFF -10.6'

WATER LINE

EL 644.79
OFF 0.0'

EL 645.11
OFF 3.8'

EL 645.61
OFF 9.8'

EL 645.77
OFF 18.8'

EL 645.82
OFF 23.5'

EXIST. R/W

TEMP. ESM'T.

330+72.28

5'

STATE OF MISSOURI
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ROUTE	STATE
100	MO

DISTRICT	SHEET NO.
SL	439

COUNTY
ST. LOUIS

JOB NO.
J6S1718, B, & C

CONTRACT ID.

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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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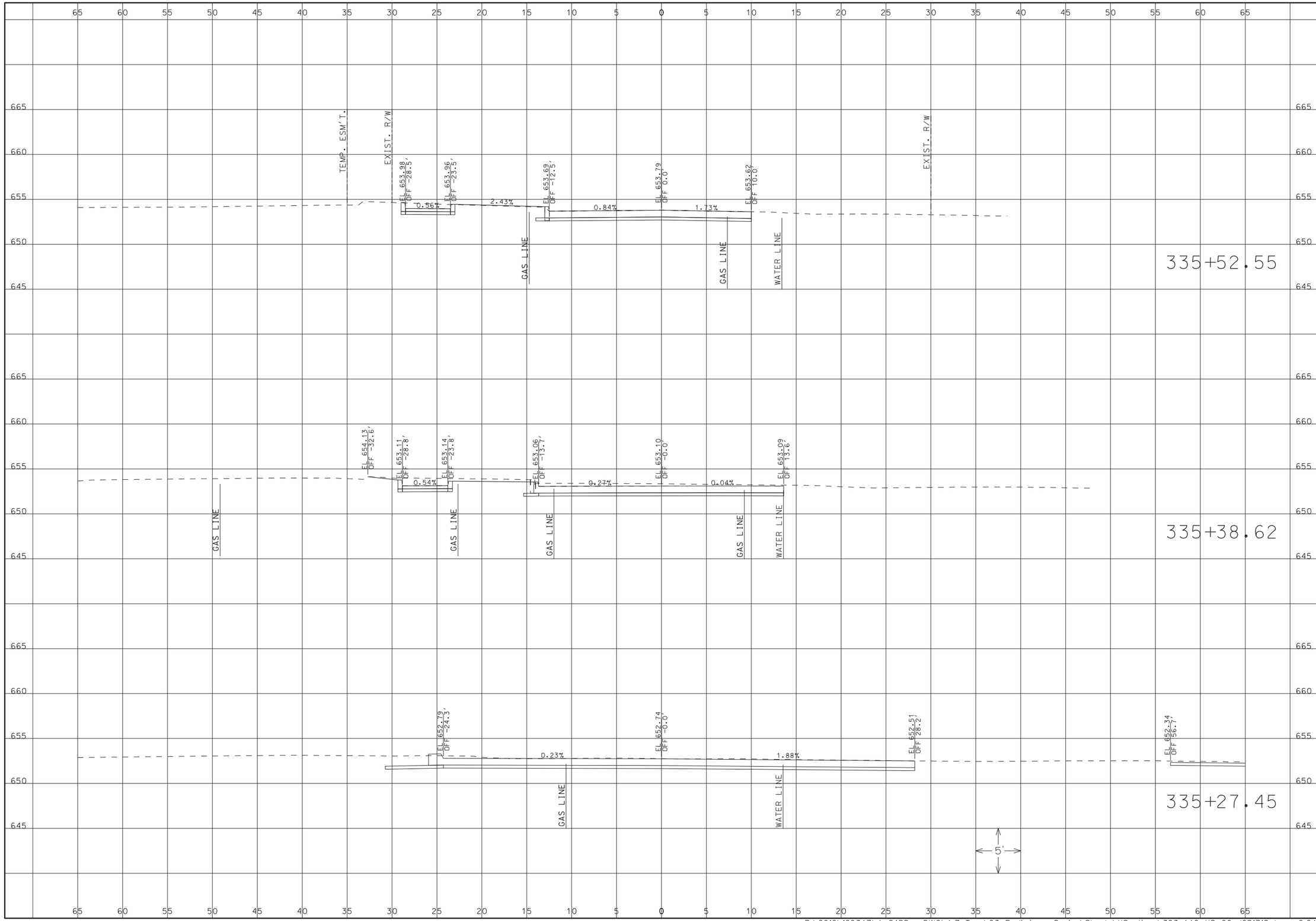
CROSS SECTIONS

CURRAN AVE

SHEET 439 OF 473

P:\2016\160347\4 CADD - DWG\4.7 Tran\03_Preliminary Design\Sheets\XSections\323-442_XS_06_J6S1718.dgn 6:24:06 PM 3/30/2021

J6S1718



STATE OF MISSOURI
JOHN R. LANDECK
NUMBER PE-2013032918
PROFESSIONAL ENGINEER

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ROUTE	STATE
100	MO
DISTRICT	SHEET NO.
SL	440

COUNTY
ST. LOUIS

JOB NO.
J6S1718, B, & C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

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DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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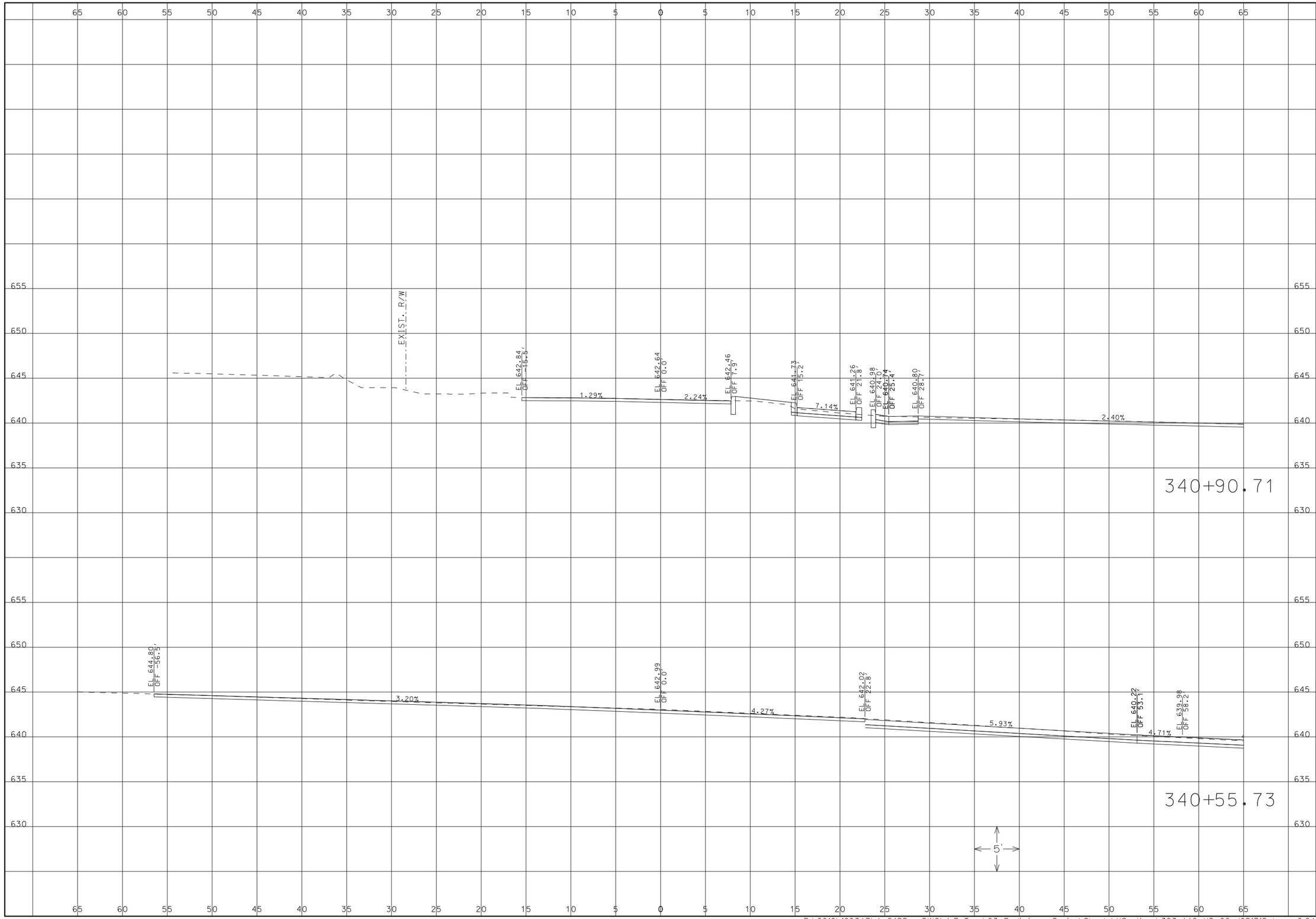
CROSS SECTIONS
TAYLOR AVE
SHEET 440 OF 473

REV.

P:\2016\160347\4 CADD - DWG\4.7 Tran\03_Preliminary Design\Sheets\XSections\323-442_XS_06_J6S1718.dgn 6:24:07 PM 3/30/2021

J6S1718



STATE OF MISSOURI
JOHN R. LANDECK
NUMBER PE-2013032918
PROFESSIONAL ENGINEER

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DATE PREPARED
3/30/2021

ROUTE	STATE
100	MO

DISTRICT	SHEET NO.
SL	441

COUNTY
ST. LOUIS

JOB NO.
J6S1718, B, & C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

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DESCRIPTION	DATE

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CROSS SECTIONS

LINDBERGH BLVD

SHEET 441 OF 473

REV.

P:\2016\160347\4 CADD - DWG\4.7 Tran\03_Preliminary Design\Sheets\XSections\323-442_XS_06_J6S1718.dgn 6:24:09 PM 3/30/2021

EXIST. R/W

EL 642.69
OFF -15.1'

0.81%

EL 642.57
OFF 0.0'

1.43%

EL 642.45
OFF 7.9'

EL 640.85
OFF 22.0'

4.46%

EL 640.59
OFF 28.5'

EL 640.19
OFF 32.2'

EL 640.24
OFF 35.5'

2.18%

340+98.68

5'

STATE OF MISSOURI
JOHN R. LANDECK
NUMBER PE-2013032918
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THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY

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3/30/2021

ROUTE	STATE
100	MO

DISTRICT	SHEET NO.
SL	442

COUNTY
ST. LOUIS

JOB NO.
J6S1718, B, & C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

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

REV.	DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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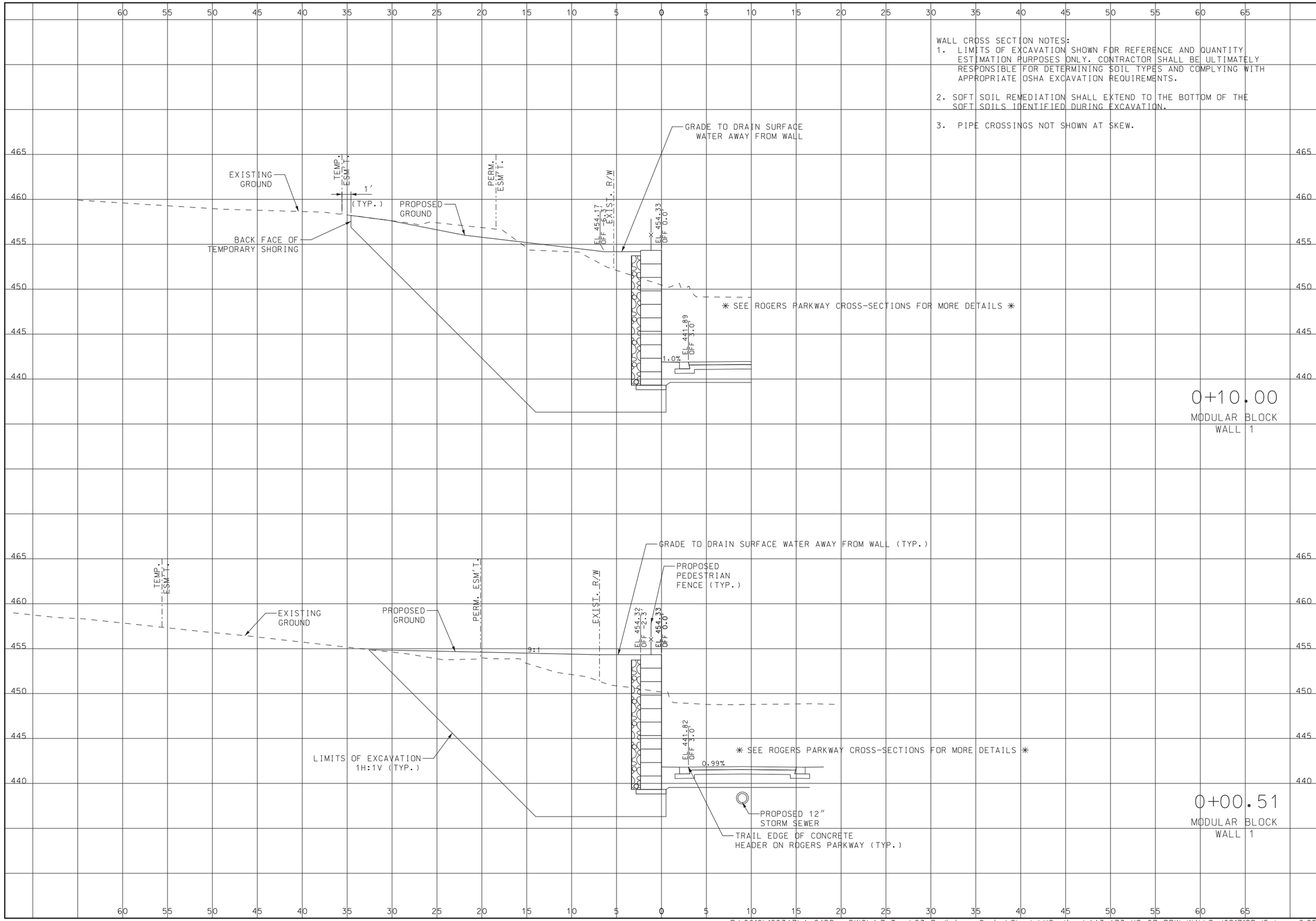
CROSS SECTIONS

LINDBERGH BLVD

SHEET 442 OF 473

P:\2016\160347\4 CADD - DWG\4.7 Tran\03_Preliminary Design\Sheets\XSections\323-442_XS_06_J6S1718.dgn 6:24:10 PM 3/30/2021



STATE OF MISSOURI
HEATHER M. COPELAND
NUMBER PE-2009018706
PROFESSIONAL ENGINEER

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DATE PREPARED	3/30/2021
ROUTE	100
STATE	MO
DISTRICT	SL
SHEET NO.	443
COUNTY	ST. LOUIS
JOB NO.	J6S1718, B, & C
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

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DESCRIPTION | DATE | REV.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
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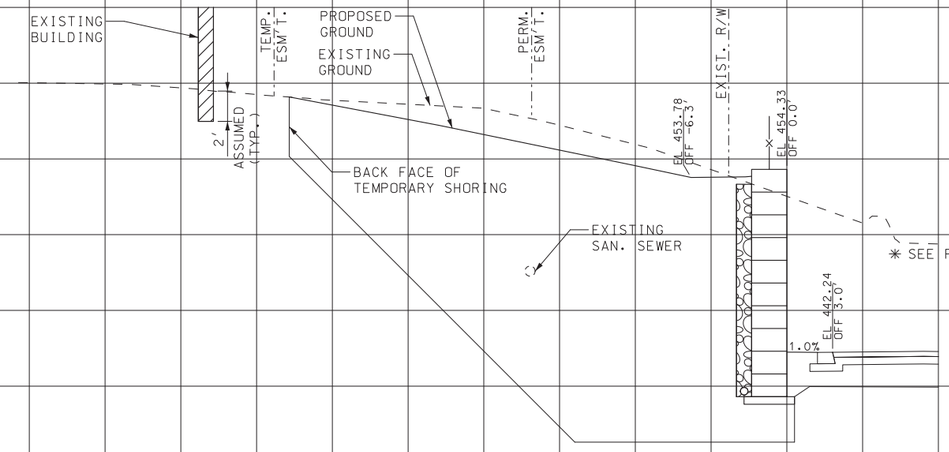
CROSS SECTIONS
MODULAR BLOCK WALL 1
SHEET 443 OF 473

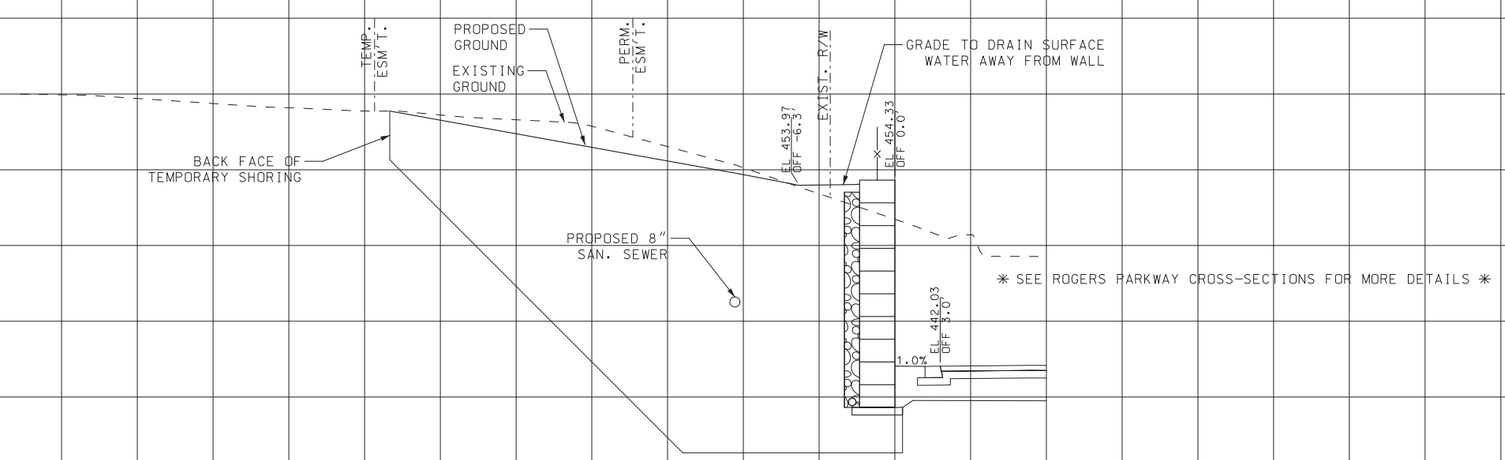
P:\2016\160347\4 CADD - DWG\4.7 Tran\03_Preliminary Design\Sheets\XSections\443-473_XS_07_RPW_WALLS_J6S1718B_I5.dgn 6:25:52 PM 3/30/2021

WALL CROSS SECTION NOTES:

1. LIMITS OF EXCAVATION SHOWN FOR REFERENCE AND QUANTITY ESTIMATION PURPOSES ONLY. CONTRACTOR SHALL BE ULTIMATELY RESPONSIBLE FOR DETERMINING SOIL TYPES AND COMPLYING WITH APPROPRIATE OSHA EXCAVATION REQUIREMENTS.
2. SOFT SOIL REMEDIATION SHALL EXTEND TO THE BOTTOM OF THE SOFT SOILS IDENTIFIED DURING EXCAVATION.
3. PIPE CROSSINGS NOT SHOWN AT SKEW.



0+30.00
MODULAR BLOCK
WALL 1



0+20.00
MODULAR BLOCK
WALL 1

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NUMBER PE-2009018706
PROFESSIONAL ENGINEER
STATE OF MISSOURI

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DATE PREPARED: 3/30/2021

ROUTE	STATE
100	MO
DISTRICT	SHEET NO.
SL	444

COUNTY: ST. LOUIS
JOB NO.: J6S1718, B, & C
CONTRACT ID.:
PROJECT NO.:
BRIDGE NO.:

REV.	DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
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JEFFERSON CITY, MO 65102
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CROSS SECTIONS
MODULAR BLOCK
WALL 1

SHEET 444 OF 473

P:\2016\160347\4 CADD - DWG\4.7 Tran\03_Preliminary Design\Sheets\XSections\443-473_XS_07_RPW_WALLS_J6S1718B_I5.dgn 6:25:53 PM 3/30/2021

WALL CROSS SECTION NOTES:
1. LIMITS OF EXCAVATION SHOWN FOR REFERENCE AND QUANTITY ESTIMATION PURPOSES ONLY. CONTRACTOR SHALL BE ULTIMATELY RESPONSIBLE FOR DETERMINING SOIL TYPES AND COMPLYING WITH APPROPRIATE OSHA EXCAVATION REQUIREMENTS.

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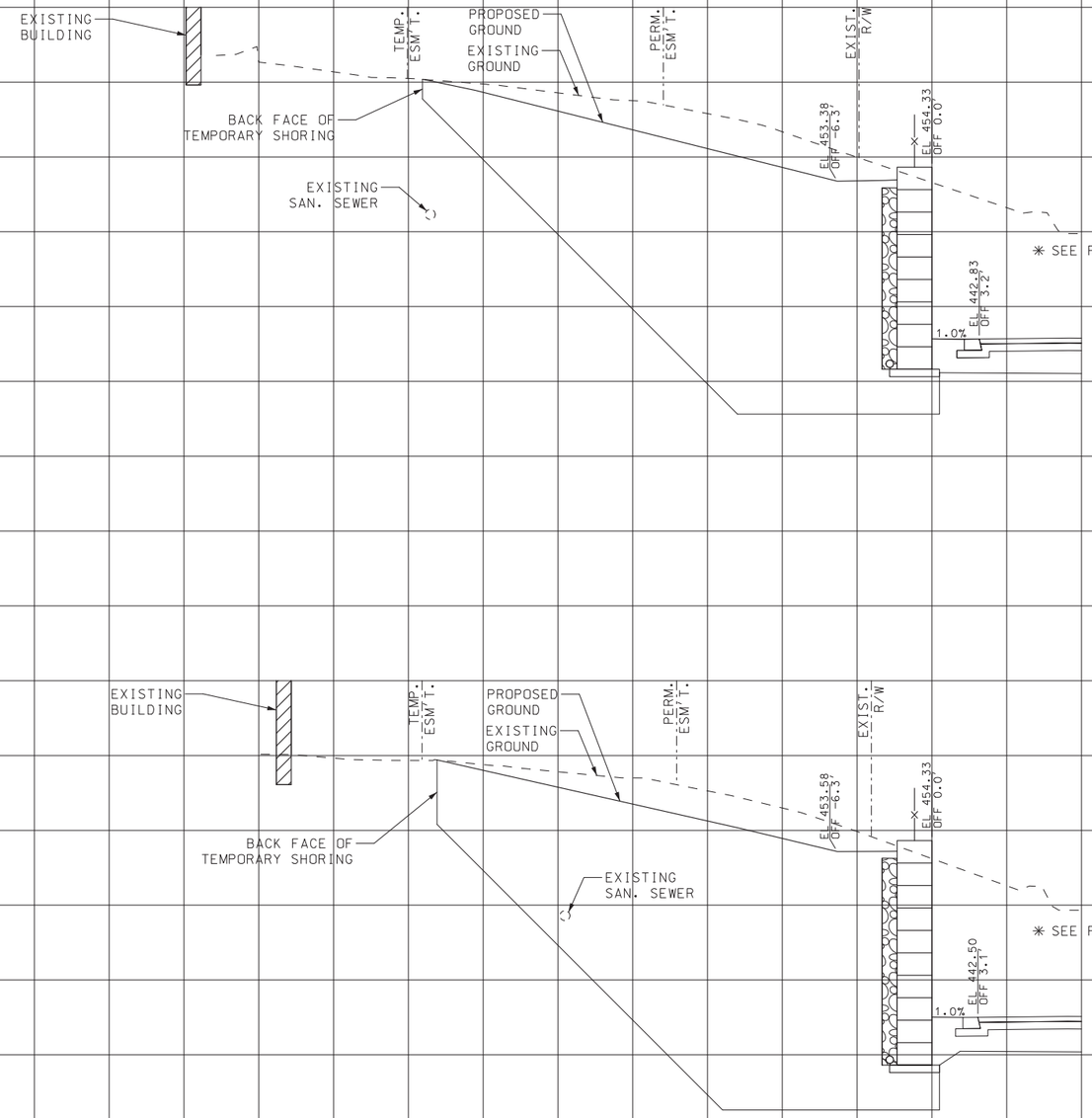

0+50.00
MODULAR BLOCK
WALL 1

0+40.00
MODULAR BLOCK
WALL 1

STATE OF MISSOURI
HEATHER M. COPELAND
NUMBER PE-2009018706
PROFESSIONAL ENGINEER

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ROUTE	STATE
100	MO
DISTRICT	SHEET NO.
SL	445

COUNTY
ST. LOUIS

JOB NO.
J6S1718, B, & C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
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CROSS SECTIONS
MODULAR BLOCK
WALL 1

SHEET 445 OF 473

REV.

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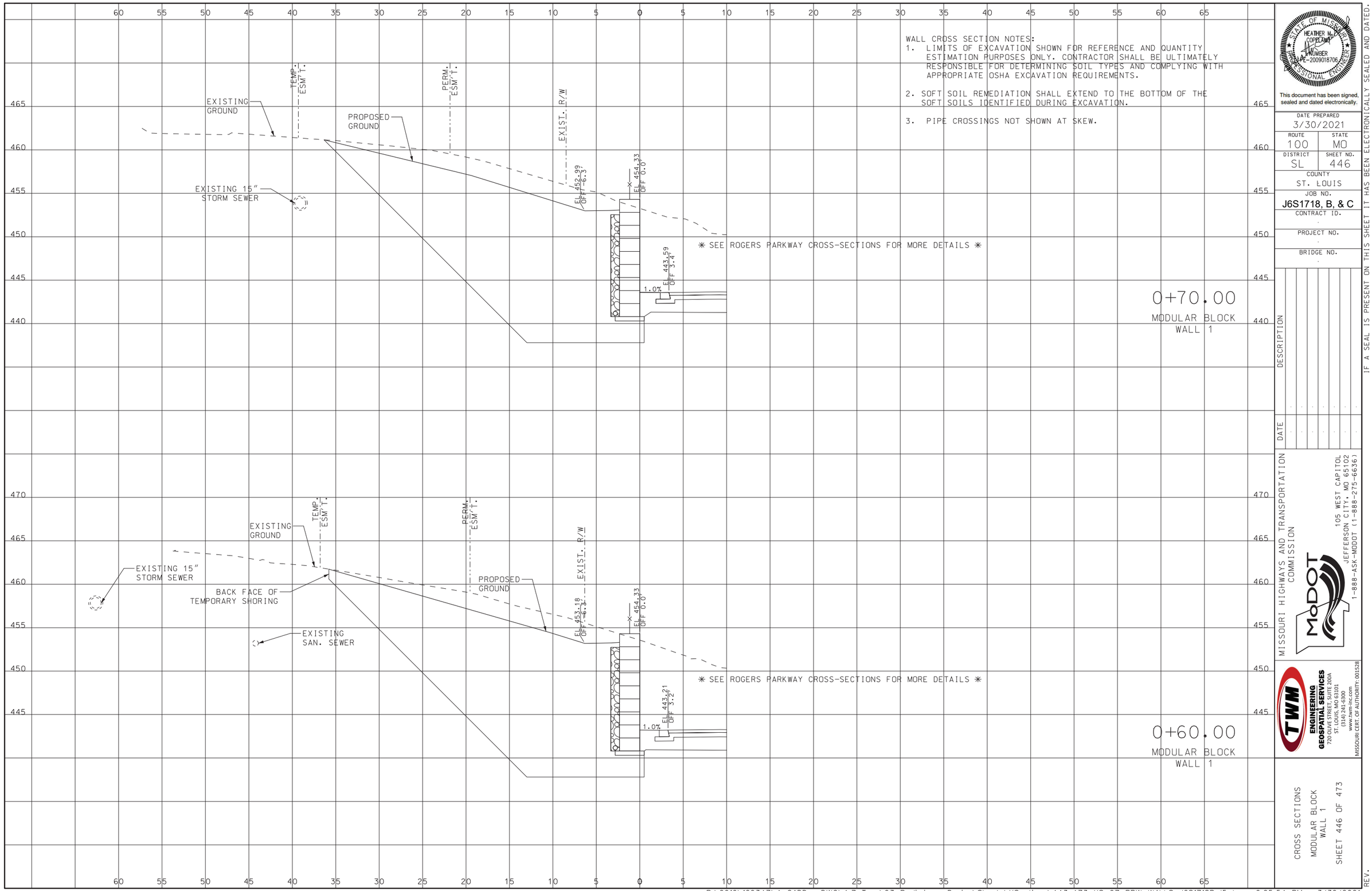

WALL CROSS SECTION NOTES:

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STATE OF MISSOURI — HEATHER M. COPELAND — NUMBER PE-2009018706 — PROFESSIONAL ENGINEER

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DATE PREPARED	3/30/2021
ROUTE	100
STATE	MO
DISTRICT	SL
SHEET NO.	446
COUNTY	ST. LOUIS
JOB NO.	J6S1718, B, & C
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

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CROSS SECTIONS
MODULAR BLOCK WALL 1
SHEET 446 OF 473

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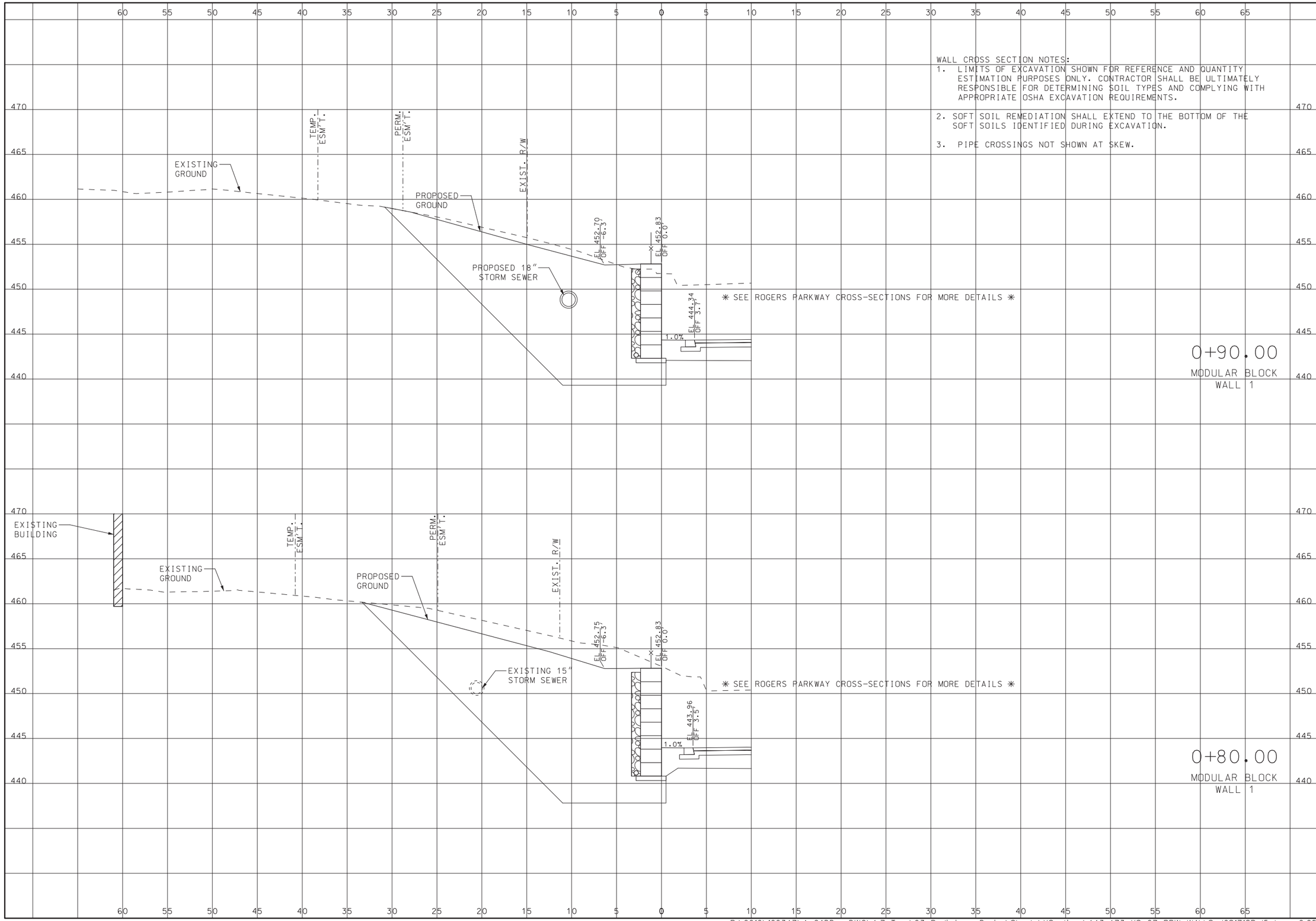

STATE OF MISSOURI
HEATHER M. COPELAND
NUMBER PE-2009018706
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3/30/2021

ROUTE	STATE
100	MO
DISTRICT	SHEET NO.
SL	447

COUNTY
ST. LOUIS

JOB NO.
J6S1718, B, & C

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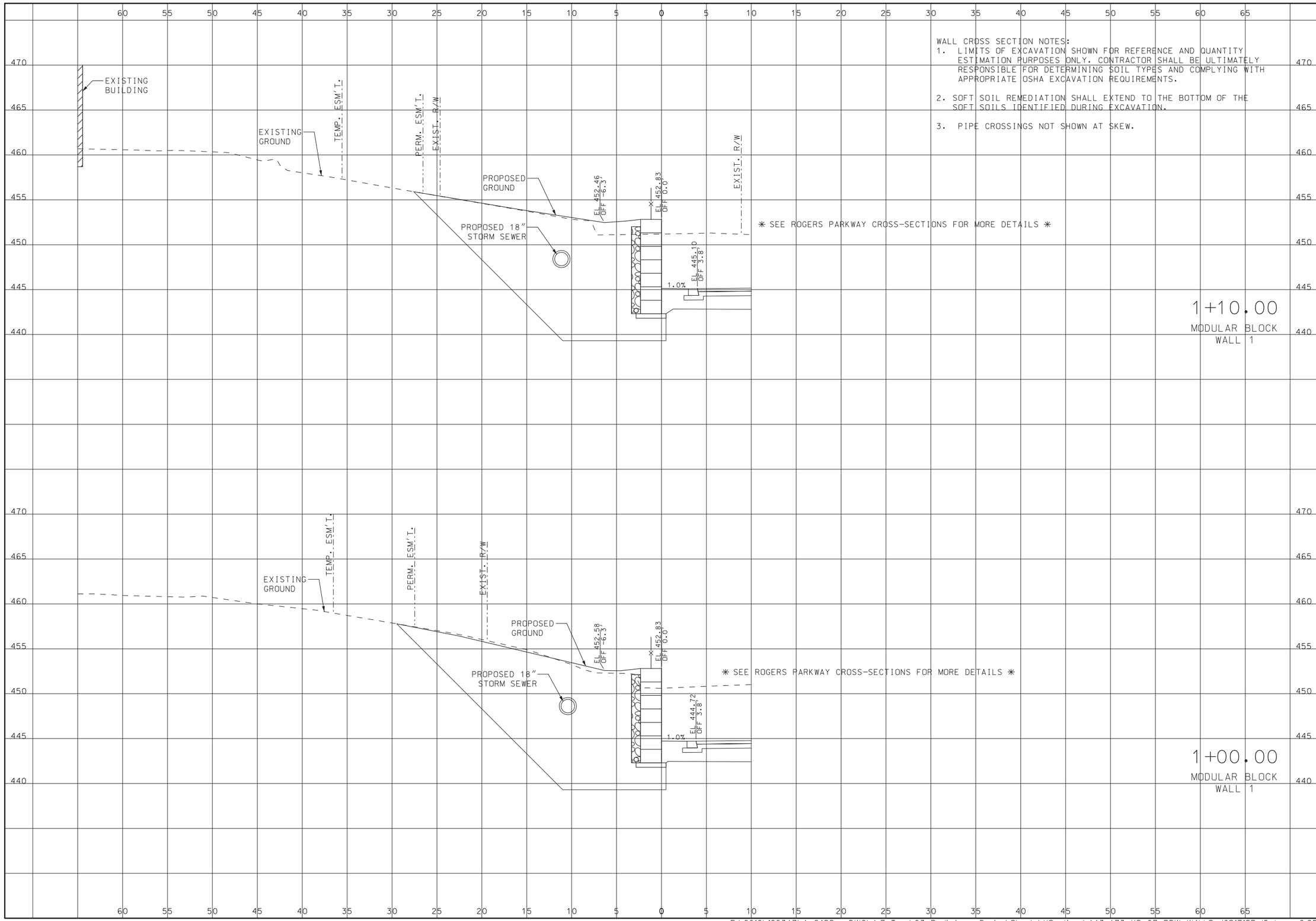
CROSS SECTIONS
MODULAR BLOCK WALL 1
SHEET 447 OF 473

P:\2016\160347\4 CADD - DWG\4.7 Tran\03_Preliminary Design\Sheets\XSections\443-473_XS_07_RPW_WALLS_J6S1718B_I5.dgn 6:25:55 PM 3/30/2021



WALL CROSS SECTION NOTES:

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ROUTE	STATE
100	MO
DISTRICT	SHEET NO.
SL	448

COUNTY: ST. LOUIS

JOB NO.: J6S1718, B, & C

CONTRACT ID.:

PROJECT NO.:

BRIDGE NO.:

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
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CROSS SECTIONS
MODULAR BLOCK WALL 1

SHEET 448 OF 473

REV.

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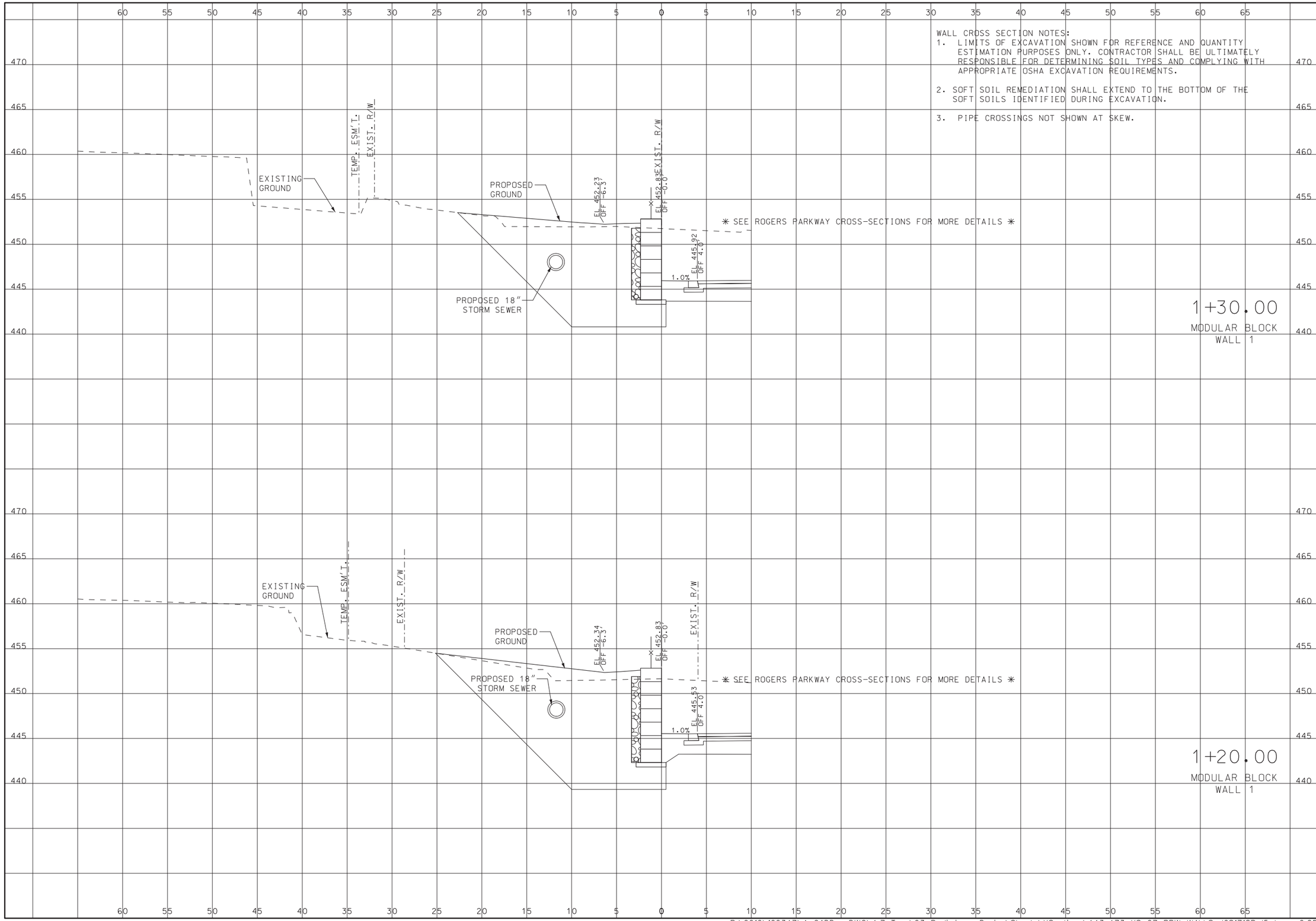

WALL CROSS SECTION NOTES:

1. LIMITS OF EXCAVATION SHOWN FOR REFERENCE AND QUANTITY ESTIMATION PURPOSES ONLY. CONTRACTOR SHALL BE ULTIMATELY RESPONSIBLE FOR DETERMINING SOIL TYPES AND COMPLYING WITH APPROPRIATE OSHA EXCAVATION REQUIREMENTS.
2. SOFT SOIL REMEDIATION SHALL EXTEND TO THE BOTTOM OF THE SOFT SOILS IDENTIFIED DURING EXCAVATION.
3. PIPE CROSSINGS NOT SHOWN AT SKEW.

STATE OF MISSOURI
HEATHER M. COPELAND
LINE NUMBER
PE-2009018706
PROFESSIONAL ENGINEER

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3/30/2021	
ROUTE	STATE
100	MO
DISTRICT	SHEET NO.
SL	449

COUNTY: ST. LOUIS
JOB NO.: J6S1718, B, & C
CONTRACT ID.:
PROJECT NO.:
BRIDGE NO.:

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REV.	DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
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CROSS SECTIONS
MODULAR BLOCK
WALL 1

SHEET 449 OF 473

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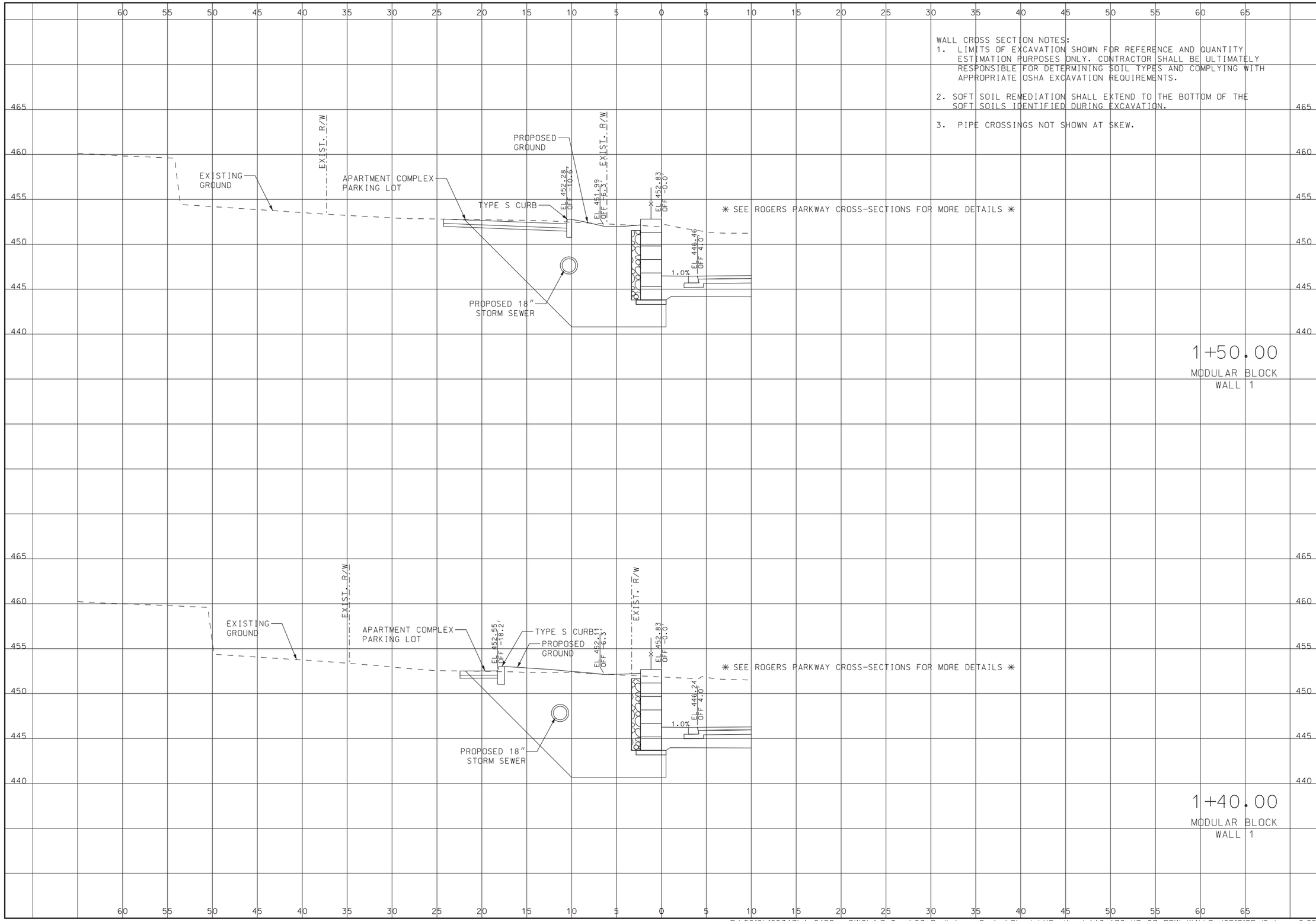

WALL CROSS SECTION NOTES:

1. LIMITS OF EXCAVATION SHOWN FOR REFERENCE AND QUANTITY ESTIMATION PURPOSES ONLY. CONTRACTOR SHALL BE ULTIMATELY RESPONSIBLE FOR DETERMINING SOIL TYPES AND COMPLYING WITH APPROPRIATE OSHA EXCAVATION REQUIREMENTS.
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STATE OF MISSOURI
HEATHER M. COPELAND
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PROFESSIONAL ENGINEER

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DATE PREPARED: 3/30/2021

ROUTE	STATE
100	MO

DISTRICT	SHEET NO.
SL	450

COUNTY: ST. LOUIS

JOB NO.: J6S1718, B, & C

CONTRACT ID.:

PROJECT NO.:

BRIDGE NO.:

DESCRIPTION	DATE

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CROSS SECTIONS
MODULAR BLOCK
WALL 1

SHEET 450 OF 473

REV.

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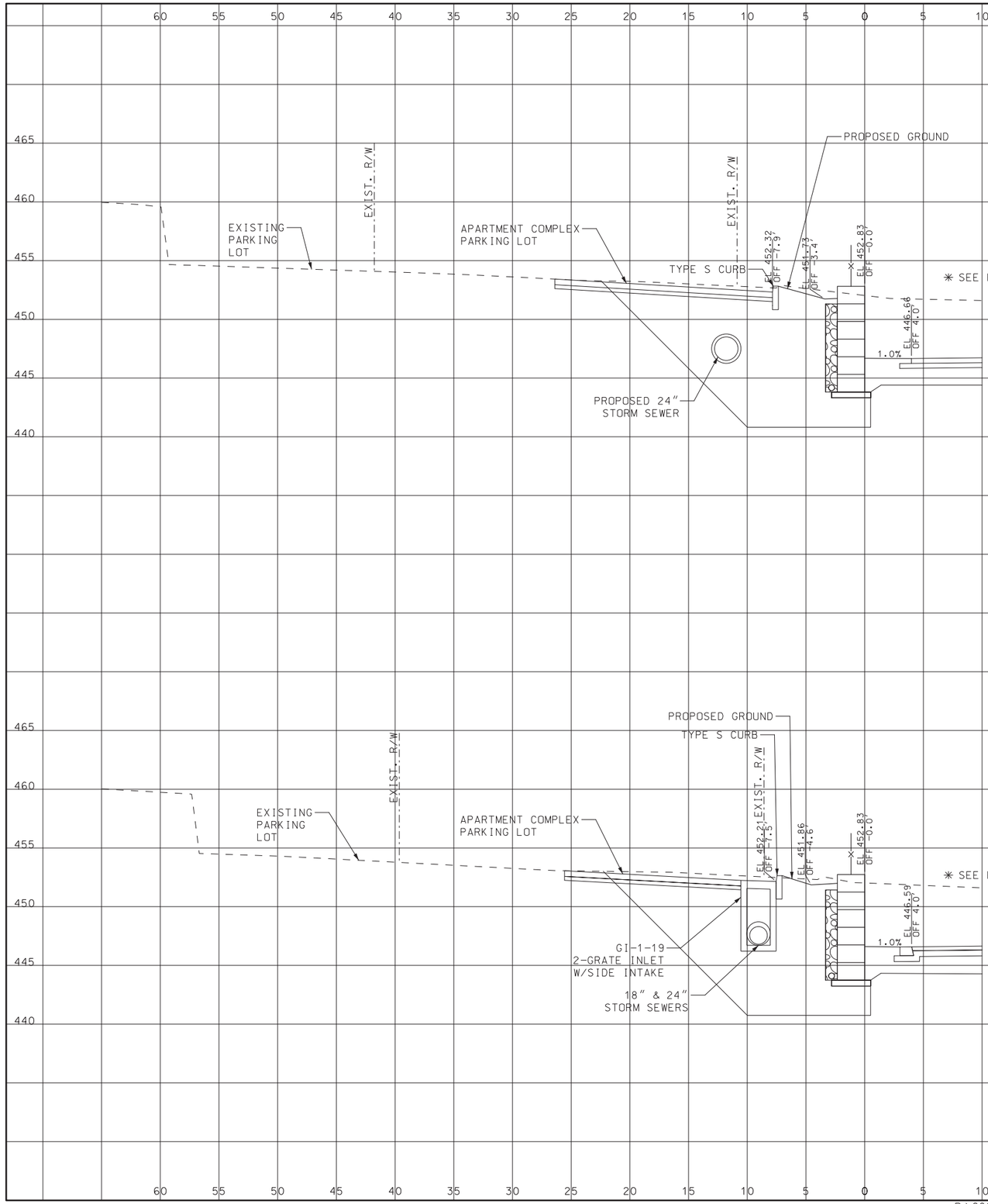

STATE OF MISSOURI
HEATHER M. COPELAND
LAW NUMBER PE-2009018706
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DATE PREPARED	3/30/2021
ROUTE	100
STATE	MO
DISTRICT	SL
SHEET NO.	451
COUNTY	ST. LOUIS
JOB NO.	J6S1718, B, & C
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

REV.	DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
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CROSS SECTIONS
MODULAR BLOCK WALL 1
SHEET 451 OF 473

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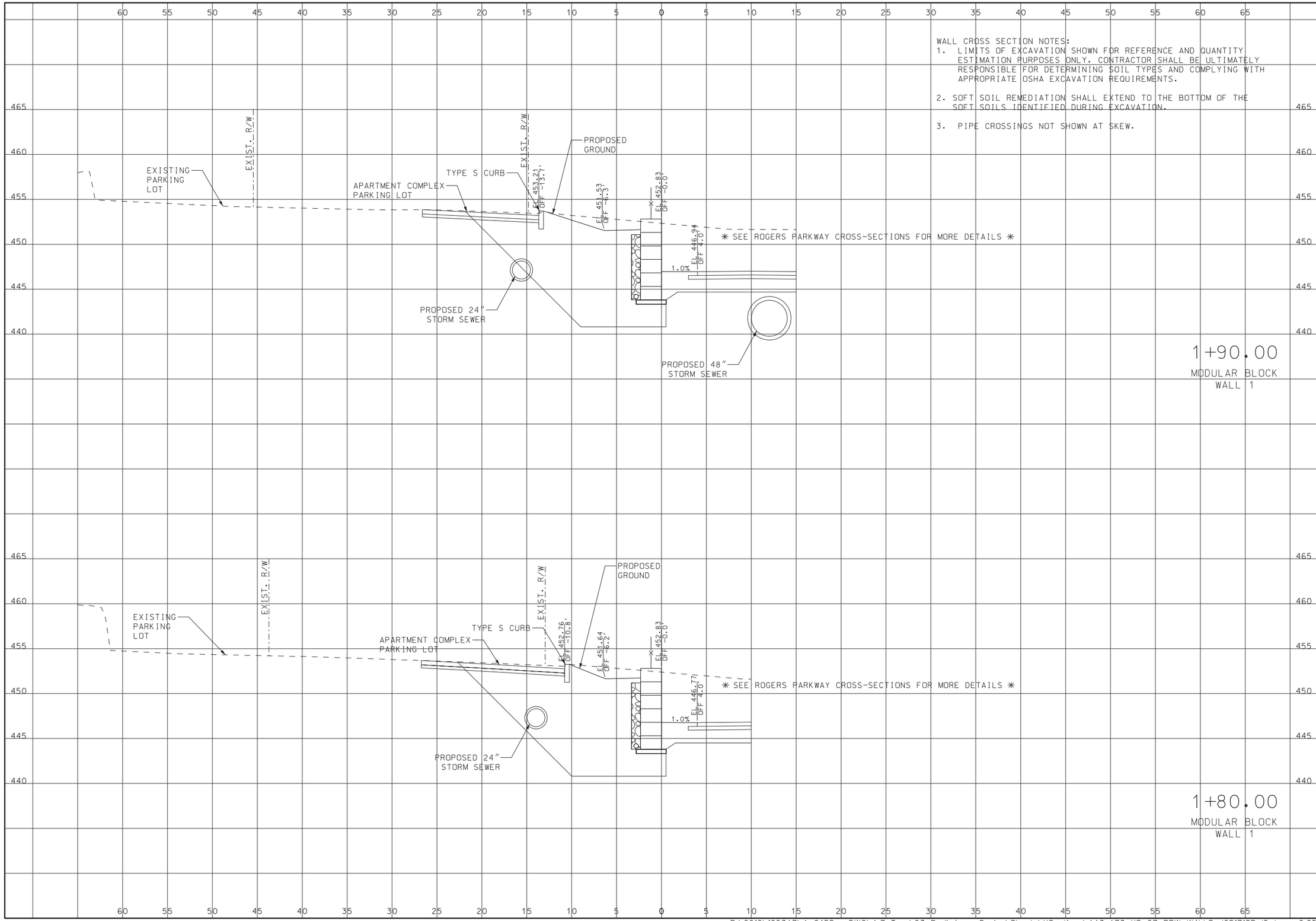

STATE OF MISSOURI
HEATHER M. COPELAND
NUMBER PE-2009018706
PROFESSIONAL ENGINEER

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3/30/2021

ROUTE	STATE
100	MO
DISTRICT	SHEET NO.
SL	452

COUNTY
ST. LOUIS

JOB NO.
J6S1718, B, & C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

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

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CROSS SECTIONS
MODULAR BLOCK WALL 1
SHEET 452 OF 473

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WALL CROSS SECTION NOTES:

1. LIMITS OF EXCAVATION SHOWN FOR REFERENCE AND QUANTITY ESTIMATION PURPOSES ONLY. CONTRACTOR SHALL BE ULTIMATELY RESPONSIBLE FOR DETERMINING SOIL TYPES AND COMPLYING WITH APPROPRIATE OSHA EXCAVATION REQUIREMENTS.
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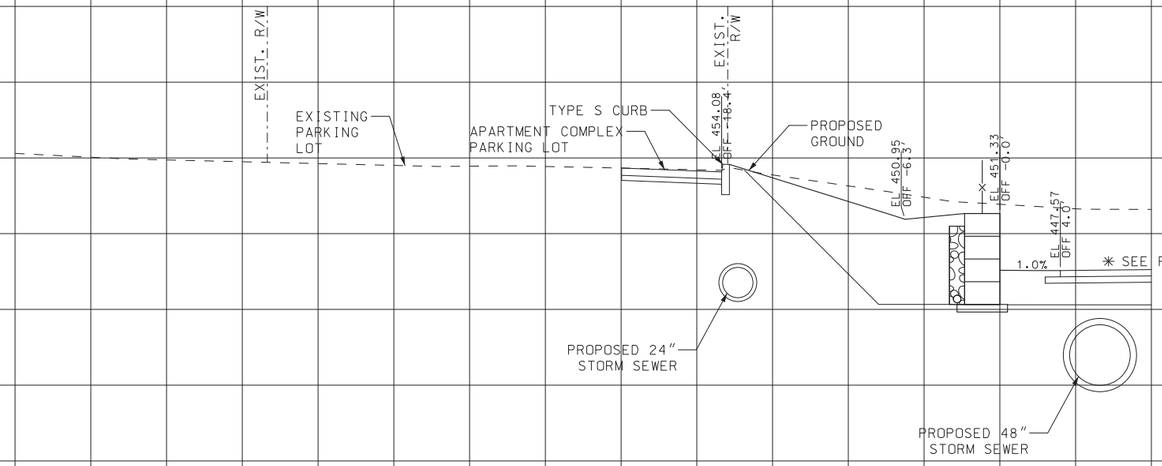
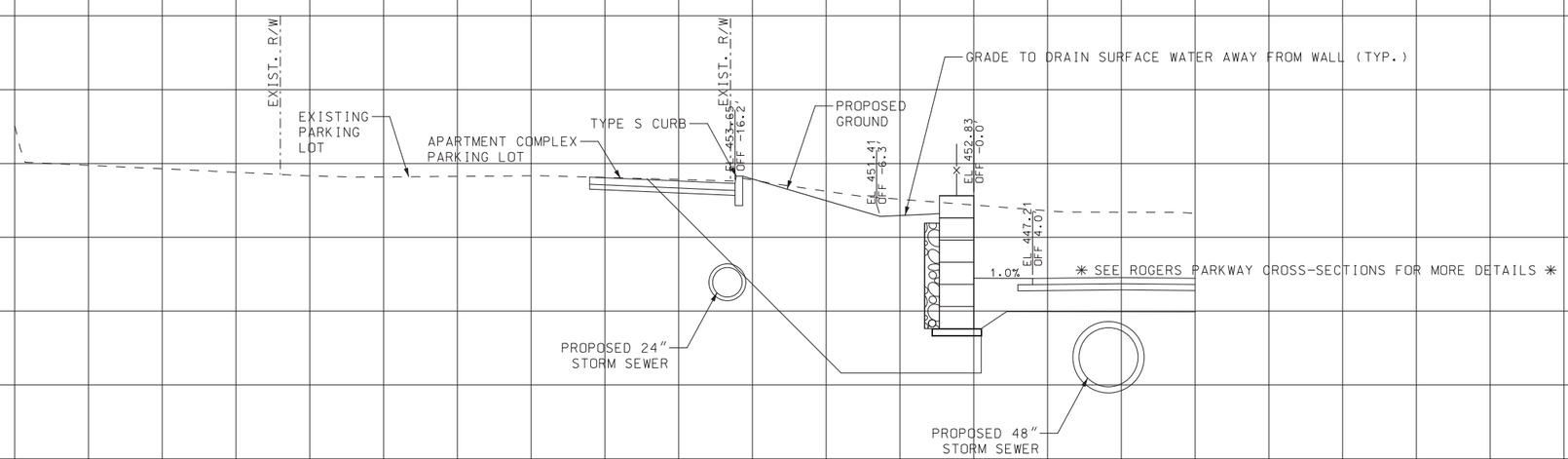


2+10.00
MODULAR BLOCK
WALL 1



2+00.00
MODULAR BLOCK
WALL 1

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HEATHER M. COPELAND
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PROFESSIONAL ENGINEER

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ROUTE	STATE
100	MO
DISTRICT	SHEET NO.
SL	453

COUNTY
ST. LOUIS

JOB NO.
J6S1718, B, & C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

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CROSS SECTIONS
MODULAR BLOCK
WALL 1

SHEET 453 OF 473

REV.

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

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WALL CROSS SECTION NOTES:
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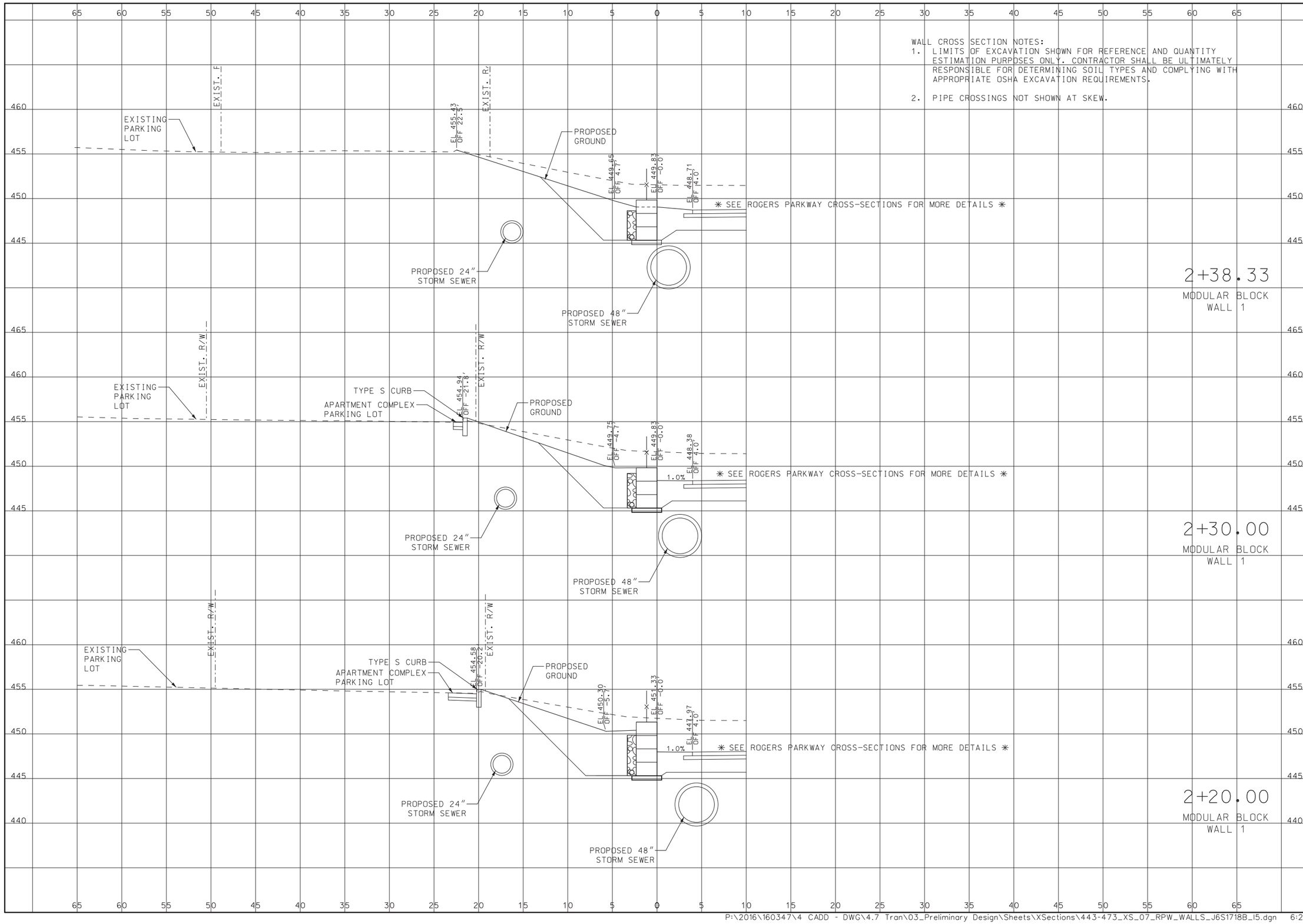

STATE OF MISSOURI
HEATHER M. COPELAND
NUMBER PE-2009018706
PROFESSIONAL ENGINEER

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DATE PREPARED 3/30/2021
ROUTE 100 | STATE MO
DISTRICT SL | SHEET NO. 454
COUNTY ST. LOUIS
JOB NO. J6S1718, B, & C
CONTRACT ID.
PROJECT NO.
BRIDGE NO.

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CROSS SECTIONS
MODULAR BLOCK WALL 1
SHEET 454 OF 473

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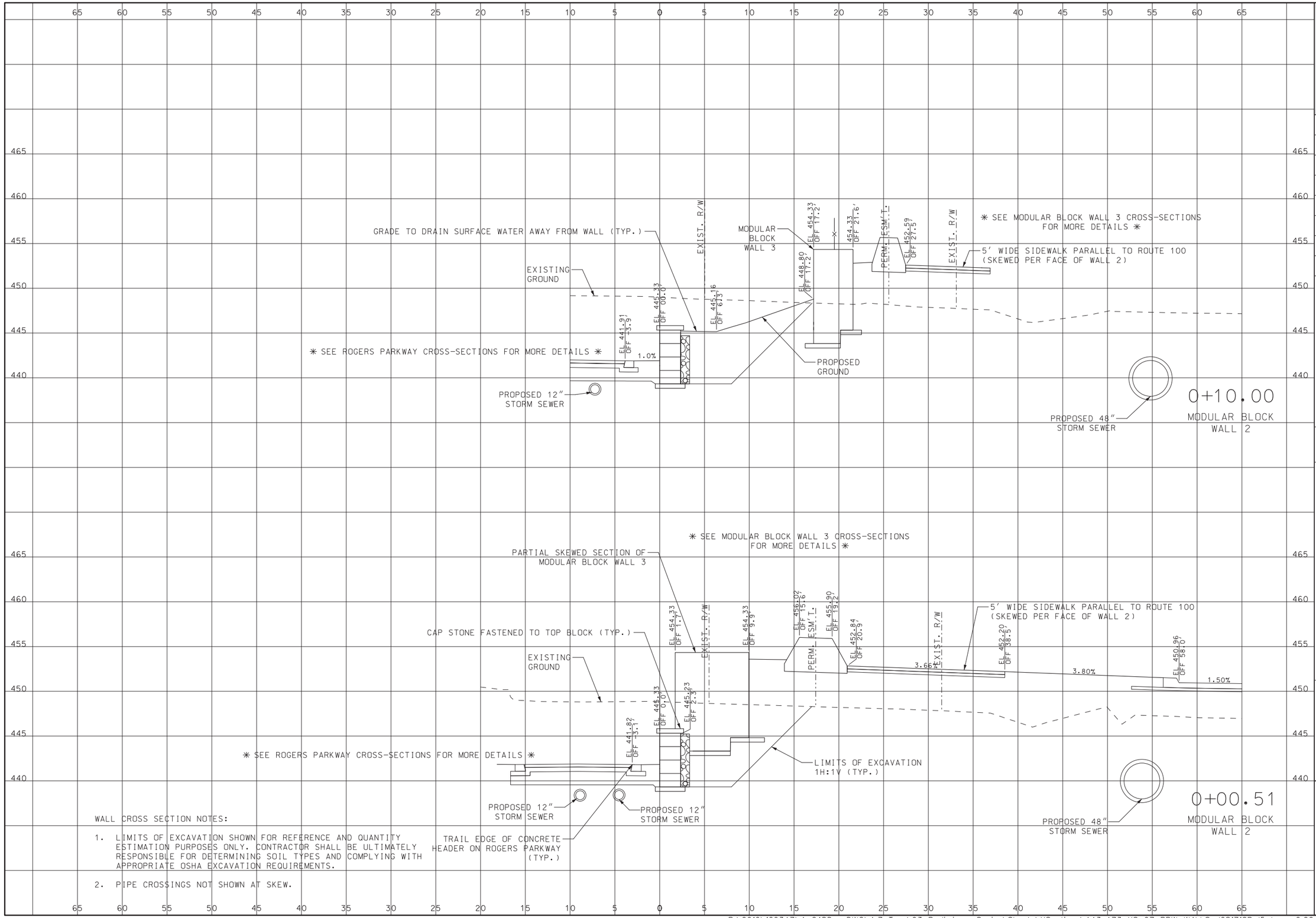

STATE OF MISSOURI
HEATHER M. COPELAND
NUMBER PE-2009018706
PROFESSIONAL ENGINEER

This document has been signed, sealed and dated electronically.

DATE PREPARED
3/30/2021

ROUTE	STATE
100	MO
DISTRICT	SHEET NO.
SL	455

COUNTY
ST. LOUIS

JOB NO.
J6S1718, B, & C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

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

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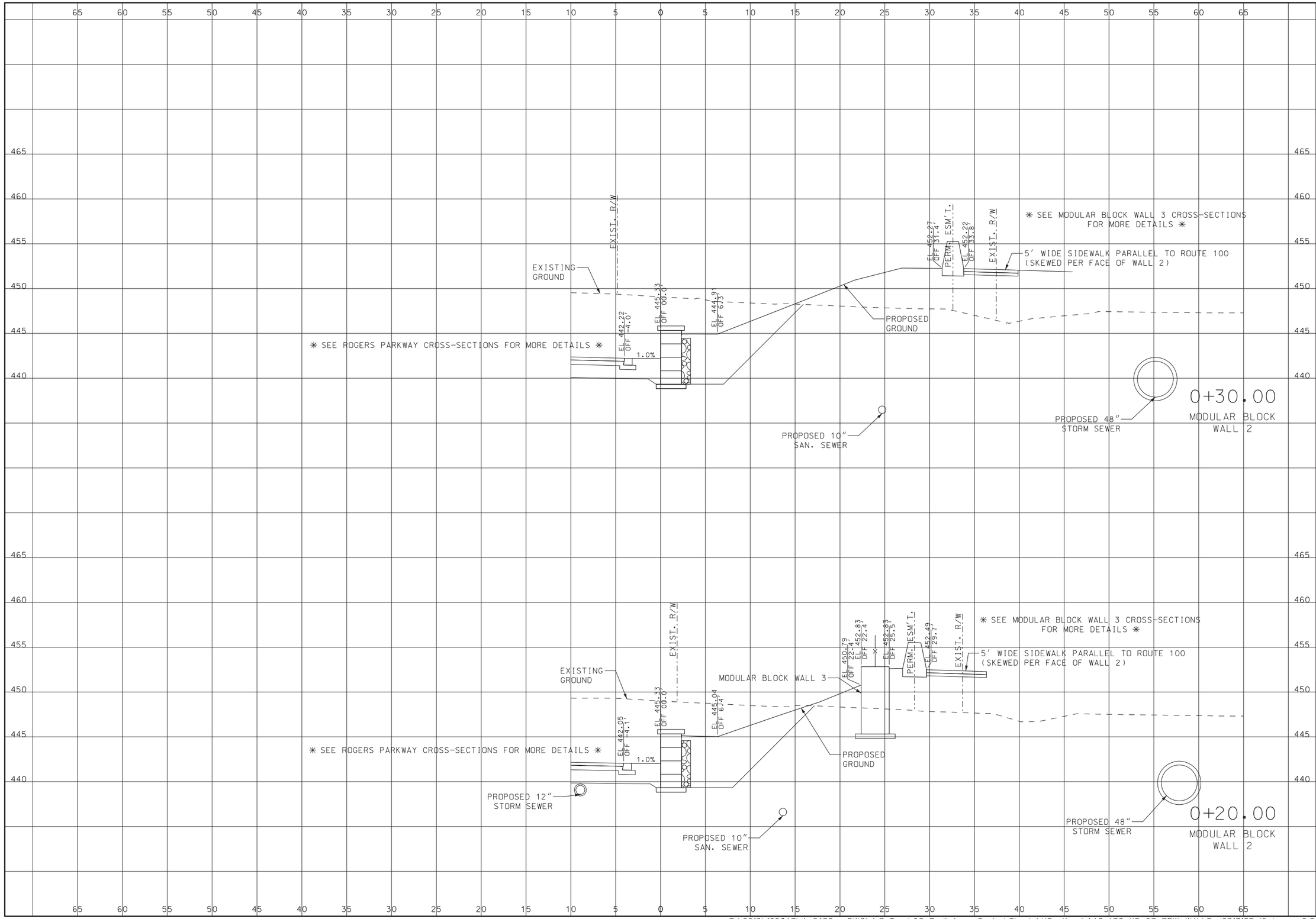
CROSS SECTIONS
MODULAR BLOCK WALL 2

SHEET 455 OF 473

P:\2016\160347\4 CADD - DWG\4.7 Tran\03_Preliminary Design\Sheets\XSections\443-473_XS_07_RPW_WALLS_J6S1718B_I5.dgn 6:26:00 PM 3/30/2021



STATE OF MISSOURI
HEATHER M. COPELAND
NUMBER PE-2009018706
PROFESSIONAL ENGINEER

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3/30/2021

ROUTE	STATE
100	MO
DISTRICT	SHEET NO.
SL	456

COUNTY
ST. LOUIS

JOB NO.
J6S1718, B, & C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

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CROSS SECTIONS
MODULAR BLOCK WALL 2

SHEET 456 OF 473

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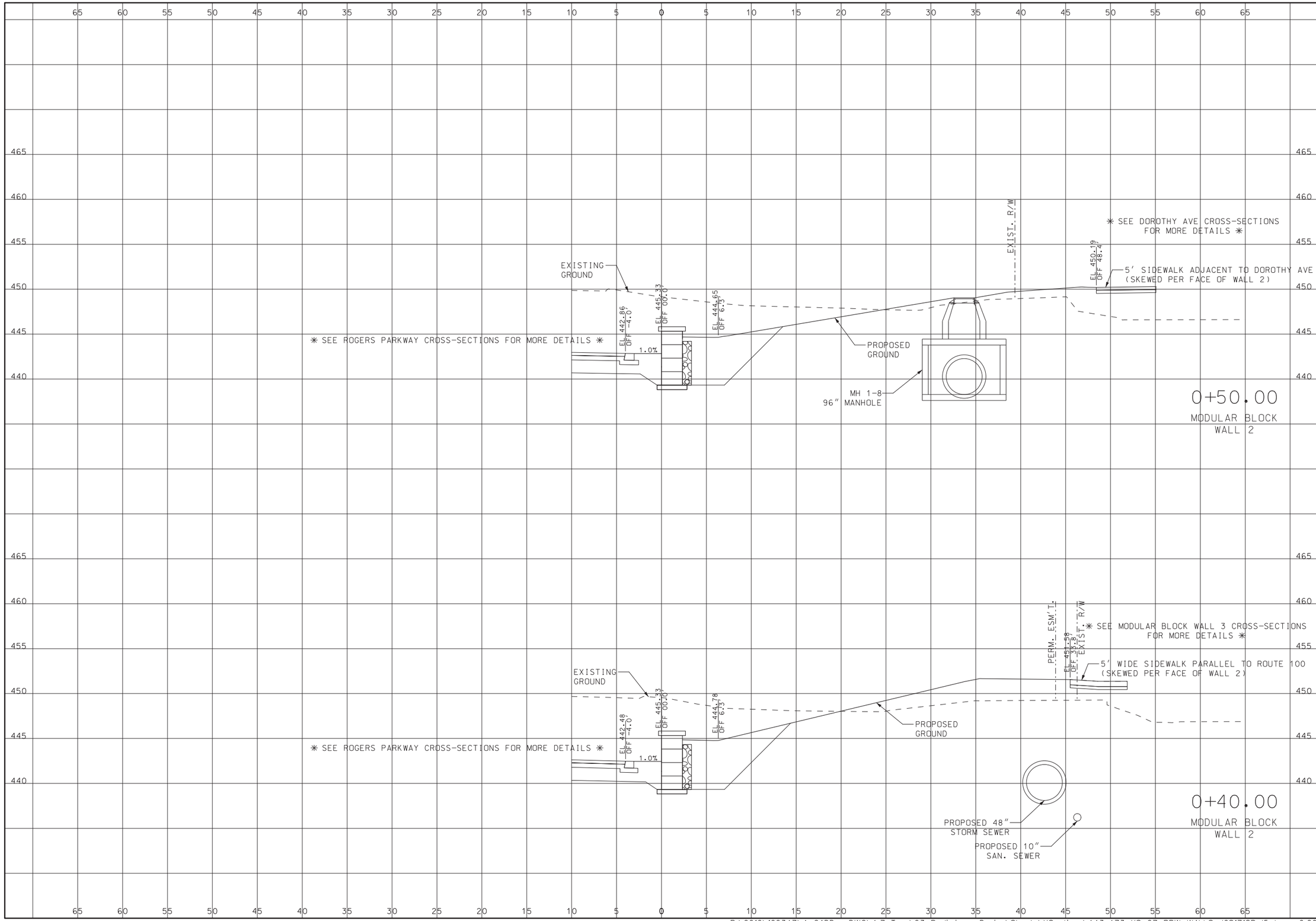

STATE OF MISSOURI
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NUMBER PE-2009018706
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DATE PREPARED
3/30/2021

ROUTE	STATE
100	MO
DISTRICT	SHEET NO.
SL	457

COUNTY
ST. LOUIS

JOB NO.
J6S1718, B, & C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

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

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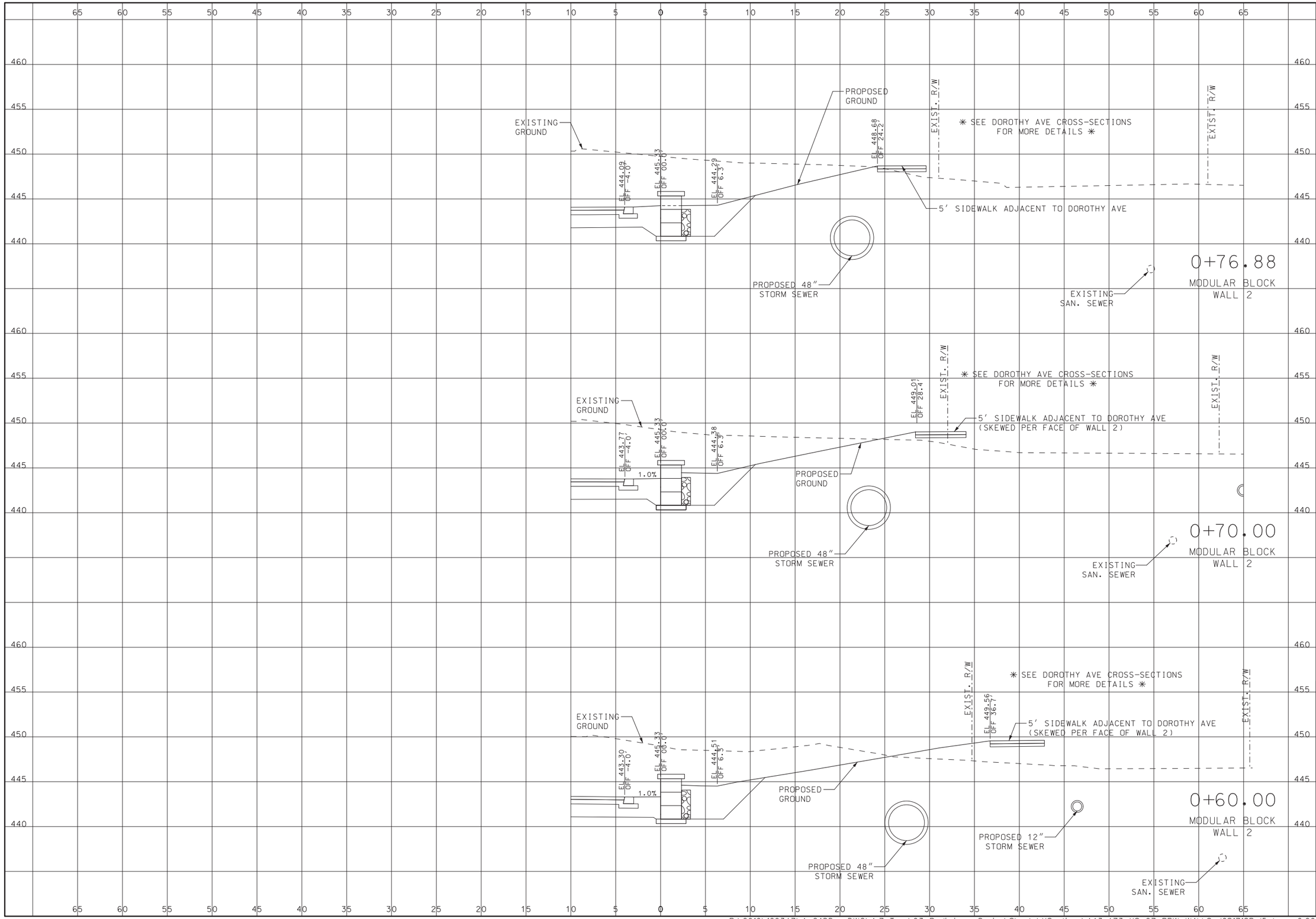
CROSS SECTIONS
MODULAR BLOCK WALL 2

SHEET 457 OF 473

P:\2016\160347\4 CADD - DWG\4.7 Tran\03_Preliminary Design\Sheets\XSections\443-473_XS_07_RPW_WALLS_J6S1718B_I5.dgn 6:26:02 PM 3/30/2021



STATE OF MISSOURI
HEATHER M. COPELAND
NUMBER PE-2009018706
PROFESSIONAL ENGINEER

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DATE PREPARED	
3/30/2021	
ROUTE	STATE
100	MO
DISTRICT	SHEET NO.
SL	458

COUNTY: ST. LOUIS
JOB NO.: J6S1718, B, & C
CONTRACT ID.:
PROJECT NO.:
BRIDGE NO.:

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

REV.	DATE	DESCRIPTION

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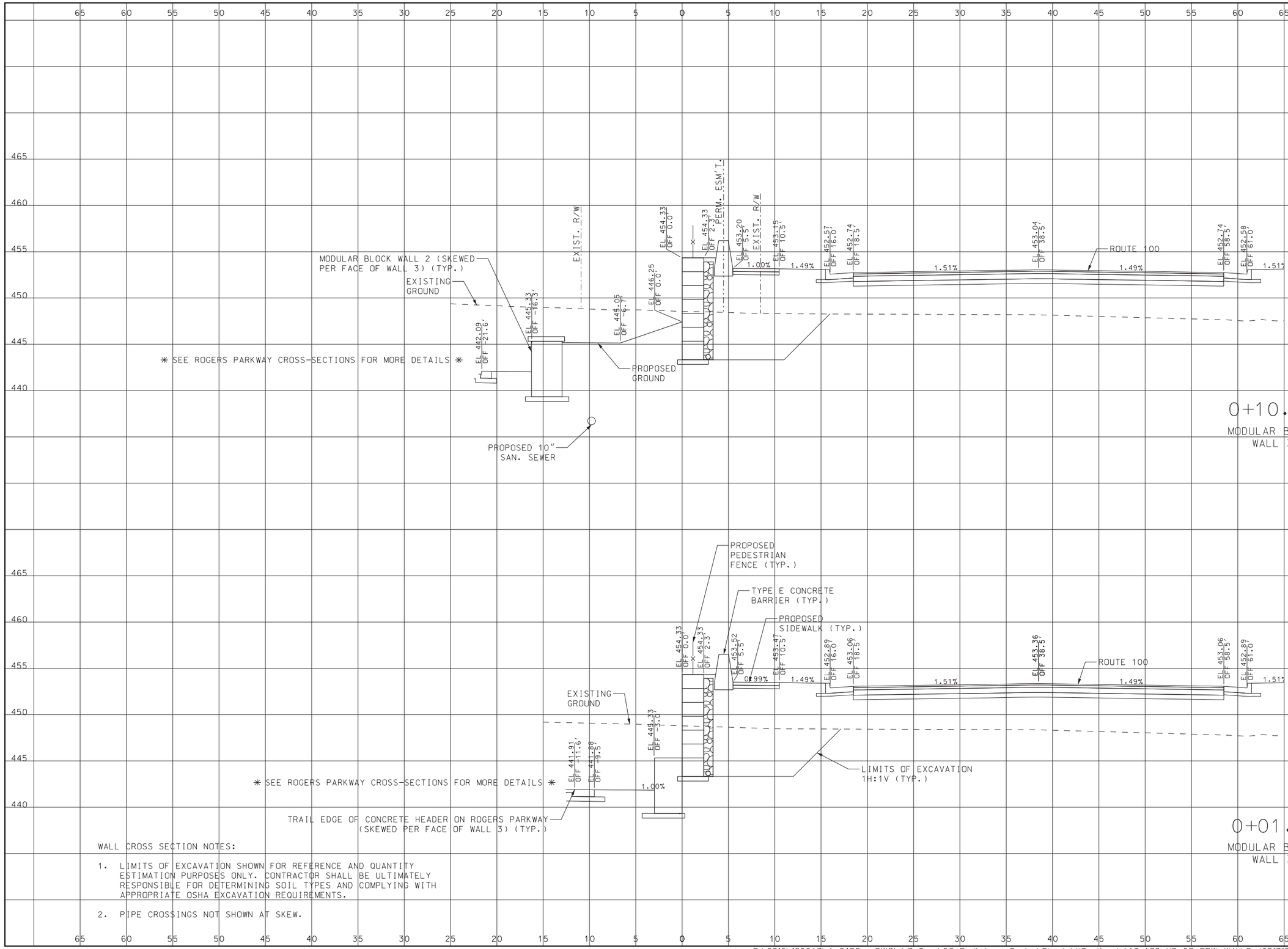
CROSS SECTIONS
MODULAR BLOCK WALL 2
SHEET 458 OF 473

P:\2016\160347\4 CADD - DWG\4.7 Tran\03_Preliminary Design\Sheets\XSections\443-473_XS_07_RPW_WALLS_J6S1718B_I5.dgn 6:26:02 PM 3/30/2021



WALL CROSS SECTION NOTES:

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2. PIPE CROSSINGS NOT SHOWN AT SKEW.

STATE OF MISSOURI
HEATHER M. COPELAND
NUMBER PE-2009018706
PROFESSIONAL ENGINEER

This document has been signed, sealed and dated electronically.

DATE PREPARED	
3/30/2021	
ROUTE	STATE
100	MO
DISTRICT	SHEET NO.
SL	459
COUNTY	
ST. LOUIS	
JOB NO.	
J6S1718, B, & C	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DESCRIPTION	DATE

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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
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CROSS SECTIONS
MODULAR BLOCK WALL 3
SHEET 459 OF 473

REV.

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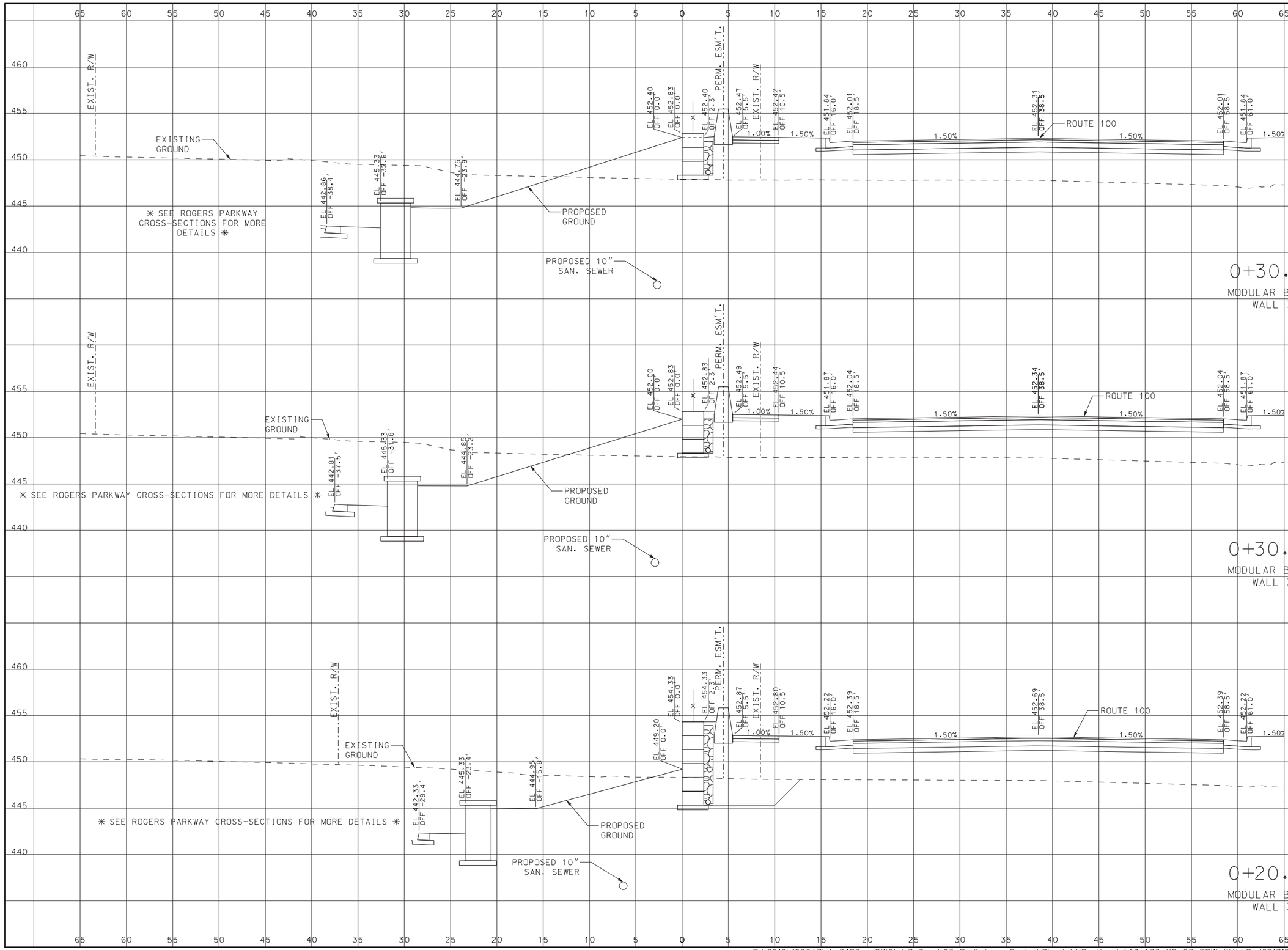

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PROFESSIONAL ENGINEER

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DATE PREPARED	
3/30/2021	
ROUTE	STATE
100	MO
DISTRICT	SHEET NO.
SL	460

COUNTY: ST. LOUIS
JOB NO.: J6S1718, B, & C
CONTRACT ID.:
PROJECT NO.:
BRIDGE NO.:

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CROSS SECTIONS
MODULAR BLOCK
WALL 3

SHEET 460 OF 473

REV.

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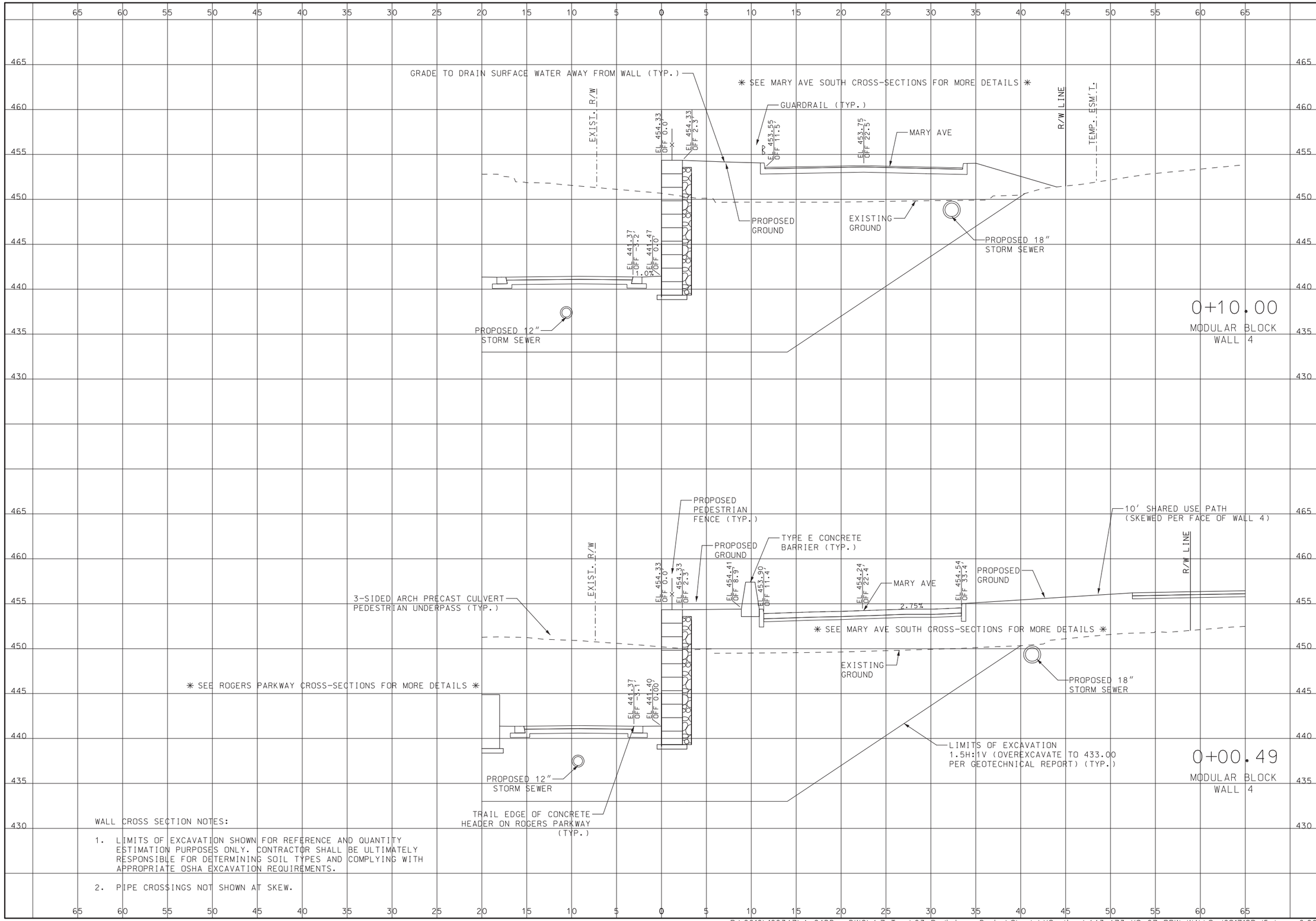

WALL CROSS SECTION NOTES:

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2. PIPE CROSSINGS NOT SHOWN AT SKEW.

STATE OF MISSOURI — HEATHER M. COPELAND — NUMBER PE-2009018706 — PROFESSIONAL ENGINEER

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DATE PREPARED	
3/30/2021	
ROUTE	STATE
100	MO
DISTRICT	SHEET NO.
SL	461

COUNTY: ST. LOUIS
JOB NO.: J6S1718, B, & C
CONTRACT ID.:
PROJECT NO.:
BRIDGE NO.:

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REV.	DESCRIPTION	DATE

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CROSS SECTIONS
MODULAR BLOCK WALL 4
SHEET 461 OF 473

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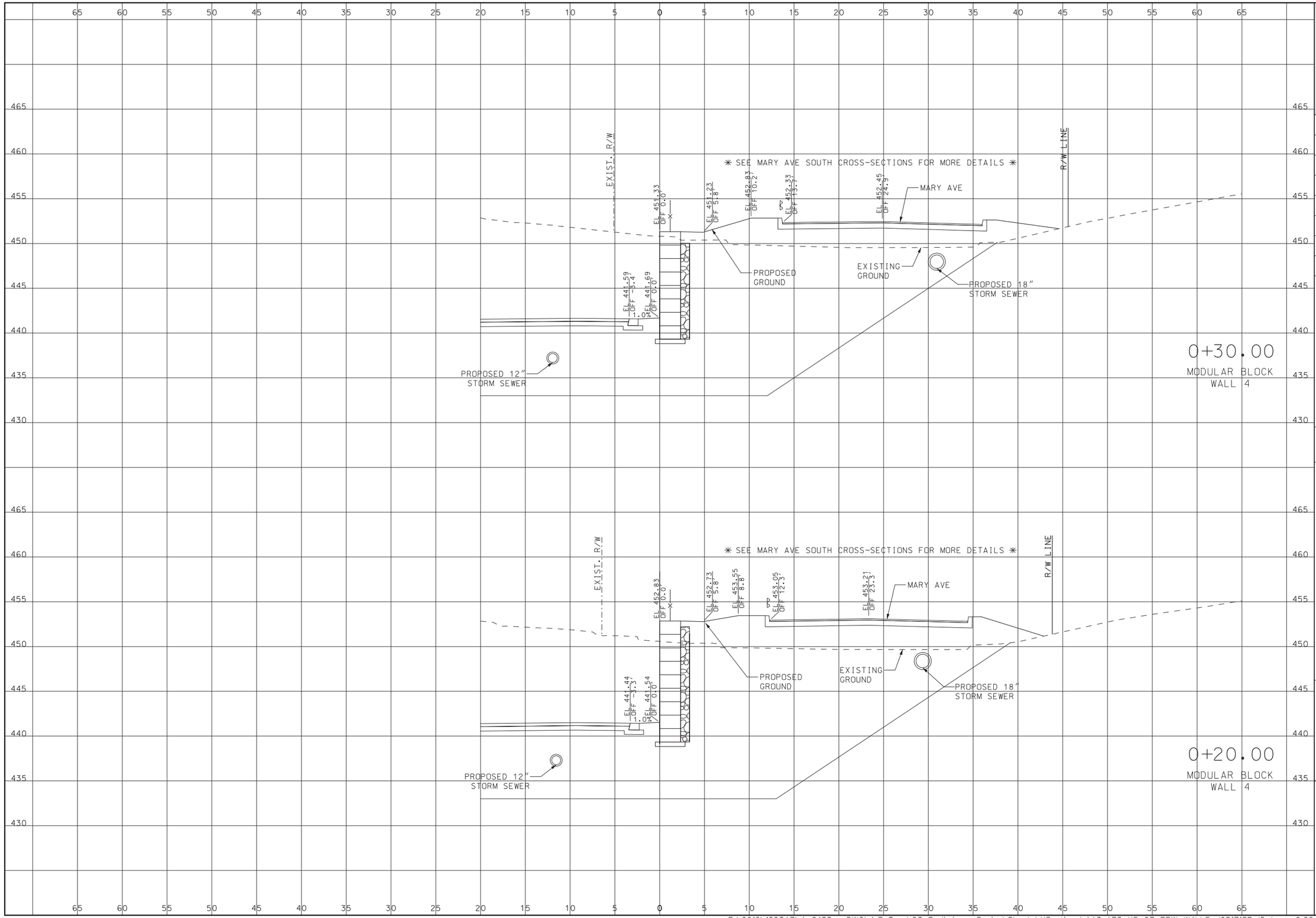

STATE OF MISSOURI
HEATHER M. COPELAND
NUMBER PE-2009018706
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3/30/2021

ROUTE	STATE
100	MO
DISTRICT	SHEET NO.
SL	462

COUNTY
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JOB NO.
J6S1718, B, & C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

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CROSS SECTIONS
MODULAR BLOCK WALL 4
SHEET 462 OF 473

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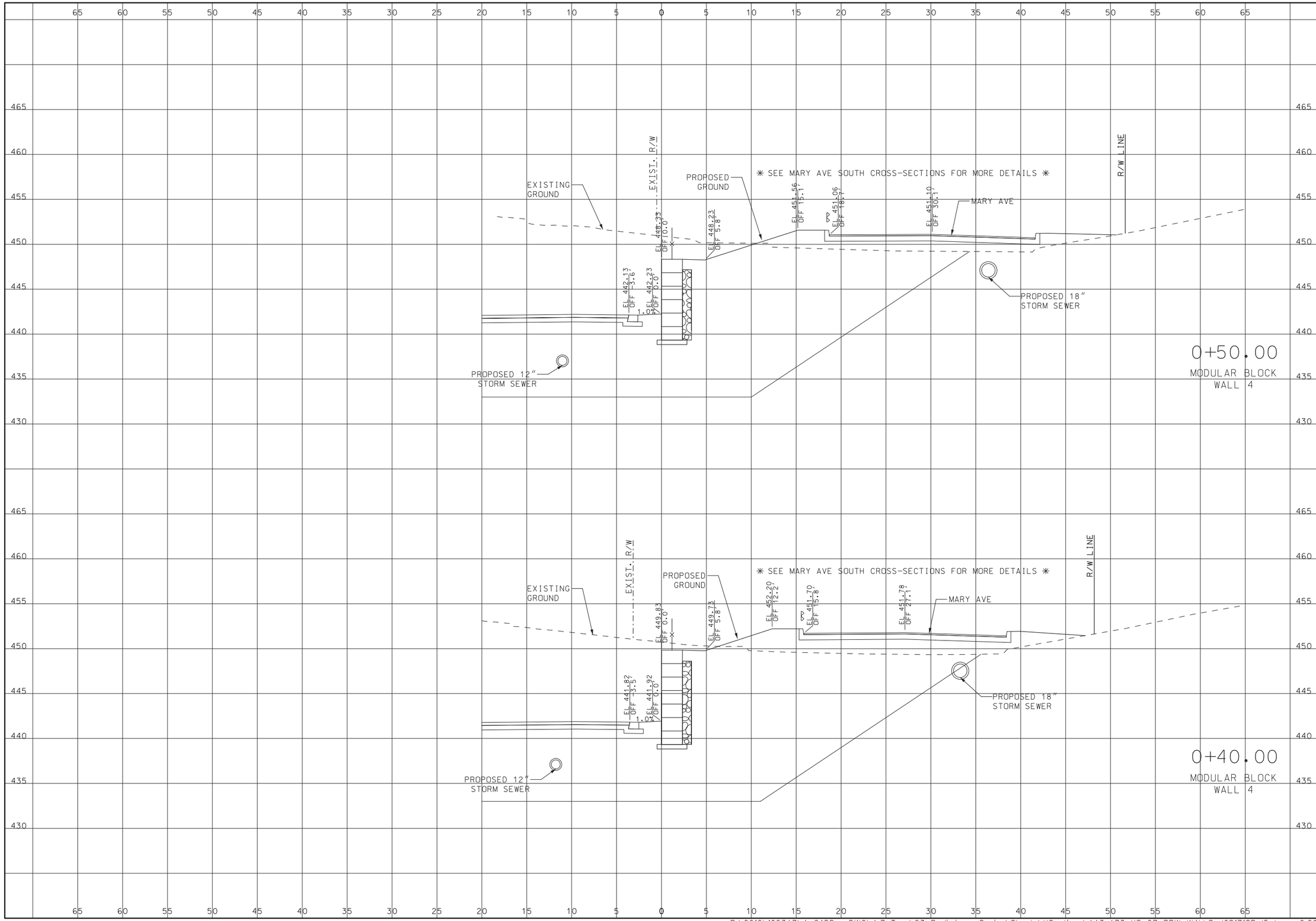

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CROSS SECTIONS
MODULAR BLOCK WALL 4
SHEET 463 OF 473

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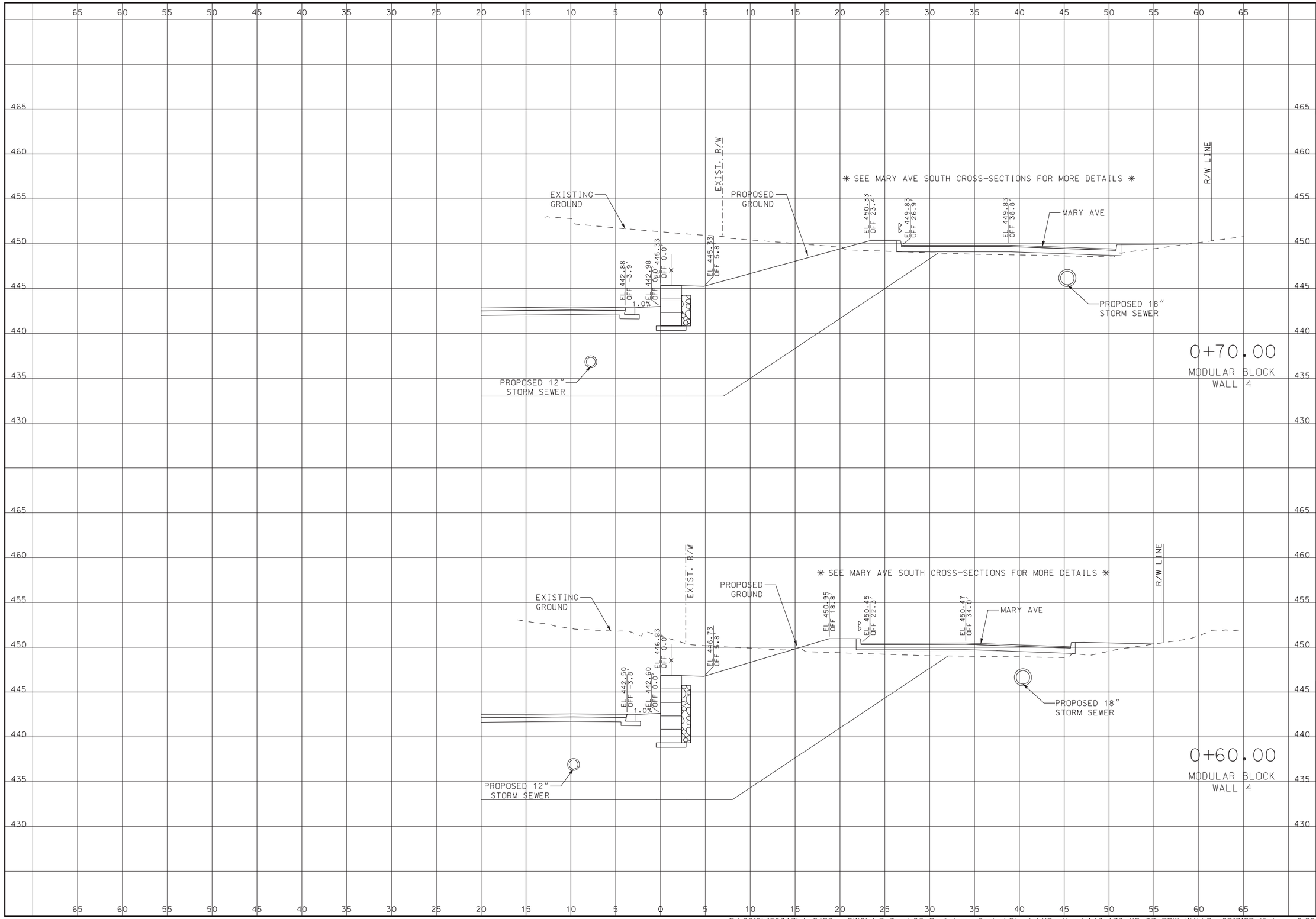

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SHEET 464 OF 473

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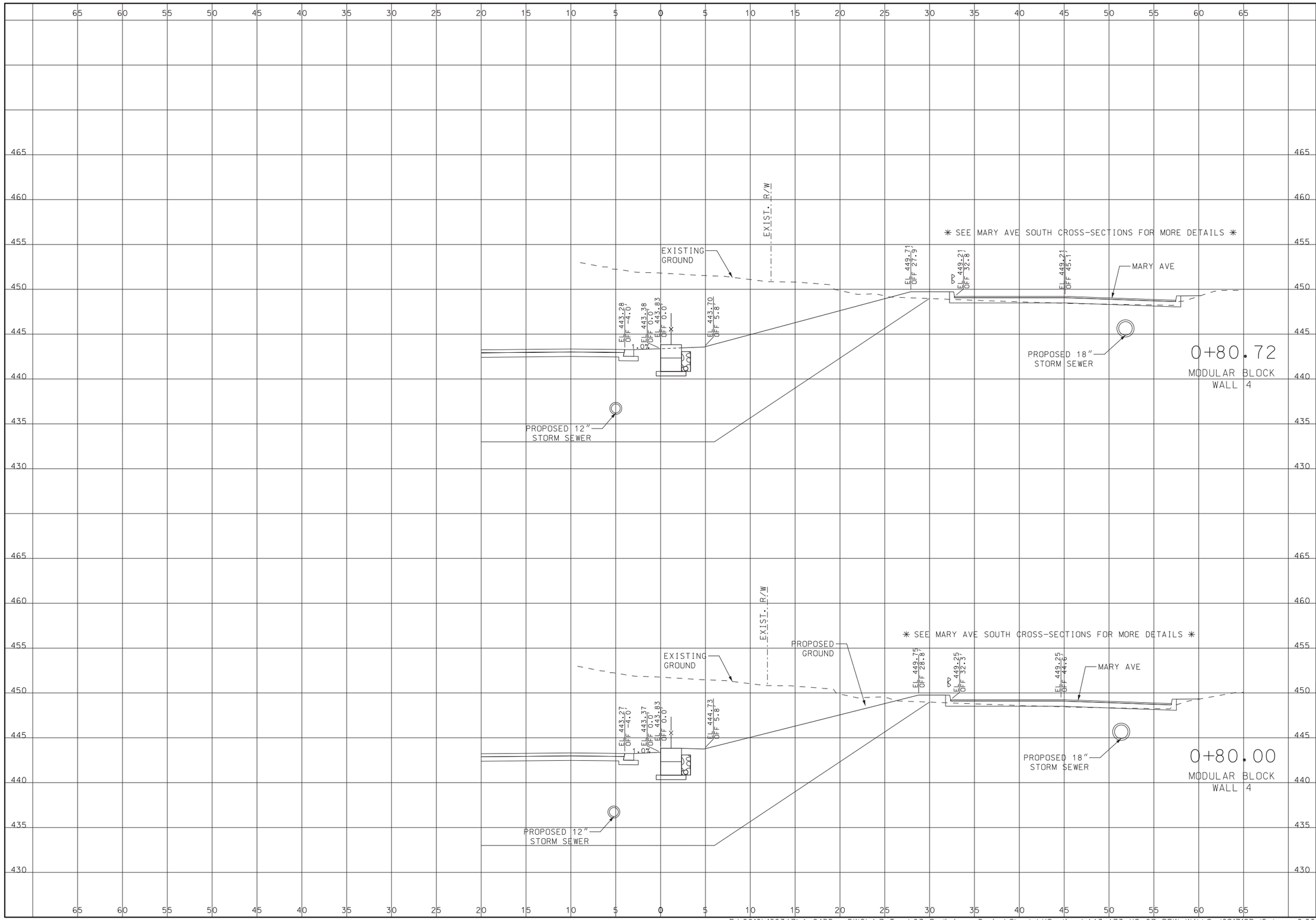

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CROSS SECTIONS
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SHEET 465 OF 473

REV.

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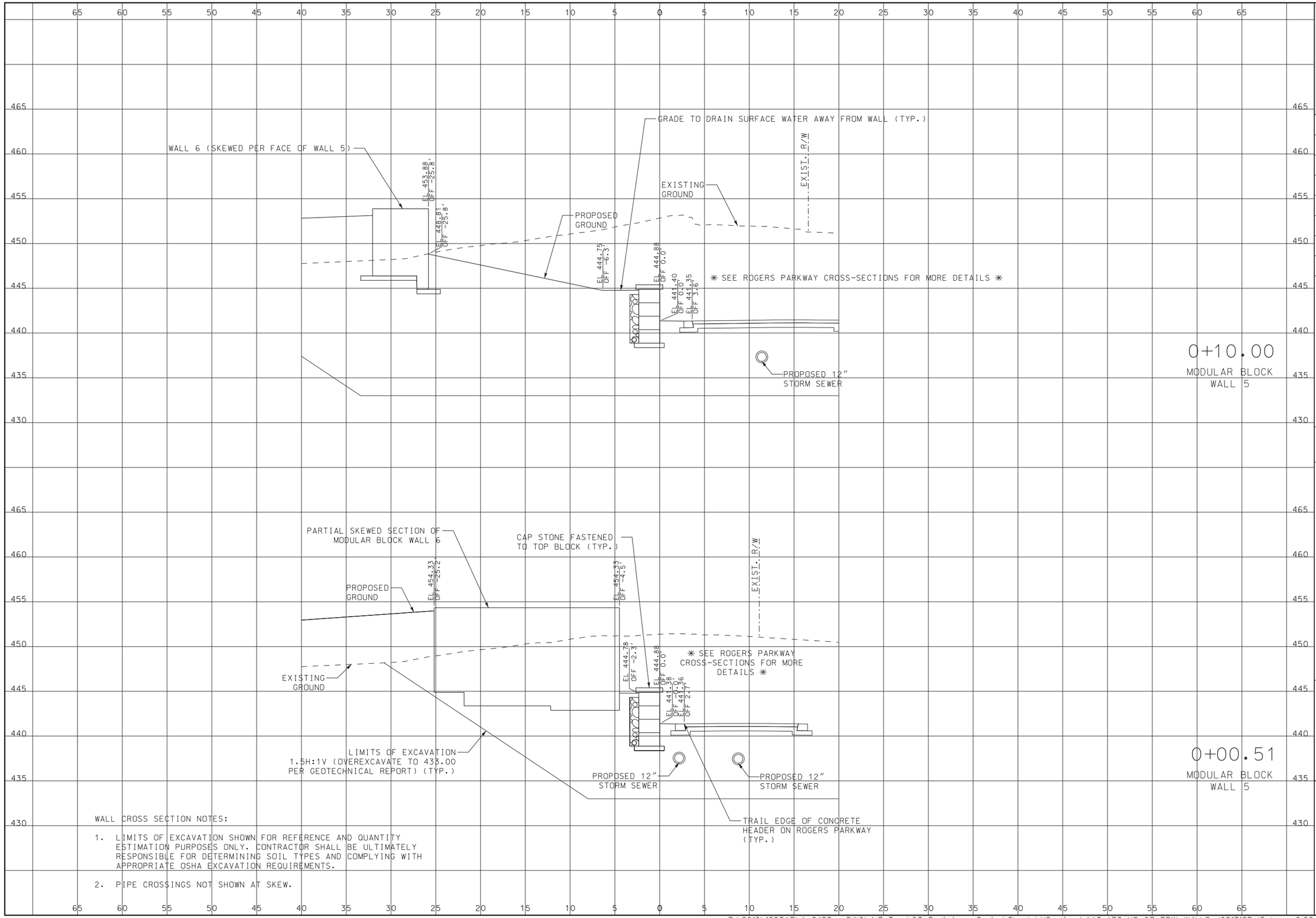

WALL CROSS SECTION NOTES:

1. LIMITS OF EXCAVATION SHOWN FOR REFERENCE AND QUANTITY ESTIMATION PURPOSES ONLY. CONTRACTOR SHALL BE ULTIMATELY RESPONSIBLE FOR DETERMINING SOIL TYPES AND COMPLYING WITH APPROPRIATE OSHA EXCAVATION REQUIREMENTS.

2. PIPE CROSSINGS NOT SHOWN AT SKEW.

STATE OF MISSOURI
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CROSS SECTIONS
MODULAR BLOCK WALL 5
SHEET 466 OF 473

REV.

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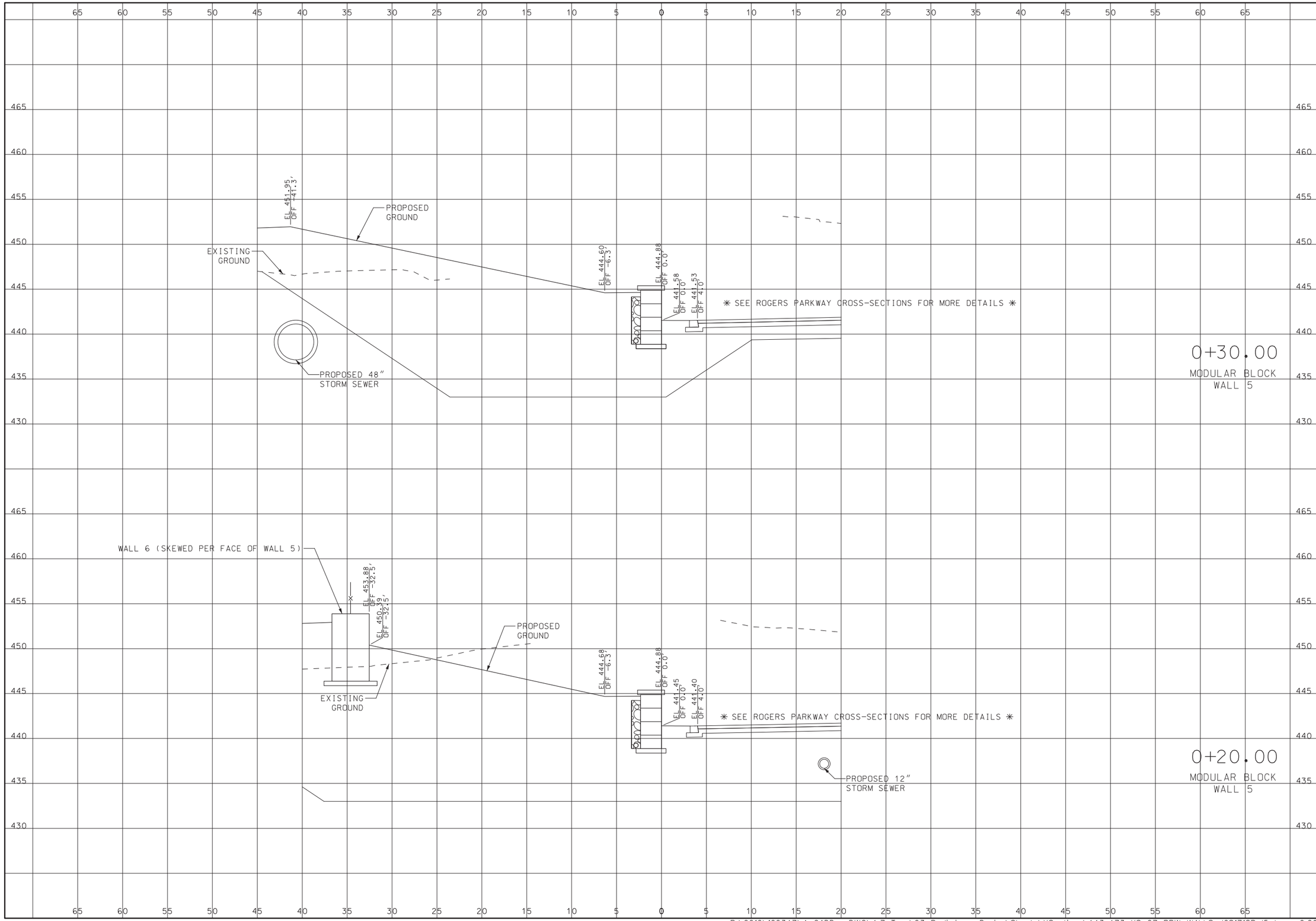

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COUNTY: ST. LOUIS
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CROSS SECTIONS
MODULAR BLOCK WALL 5
SHEET 467 OF 473

REV.

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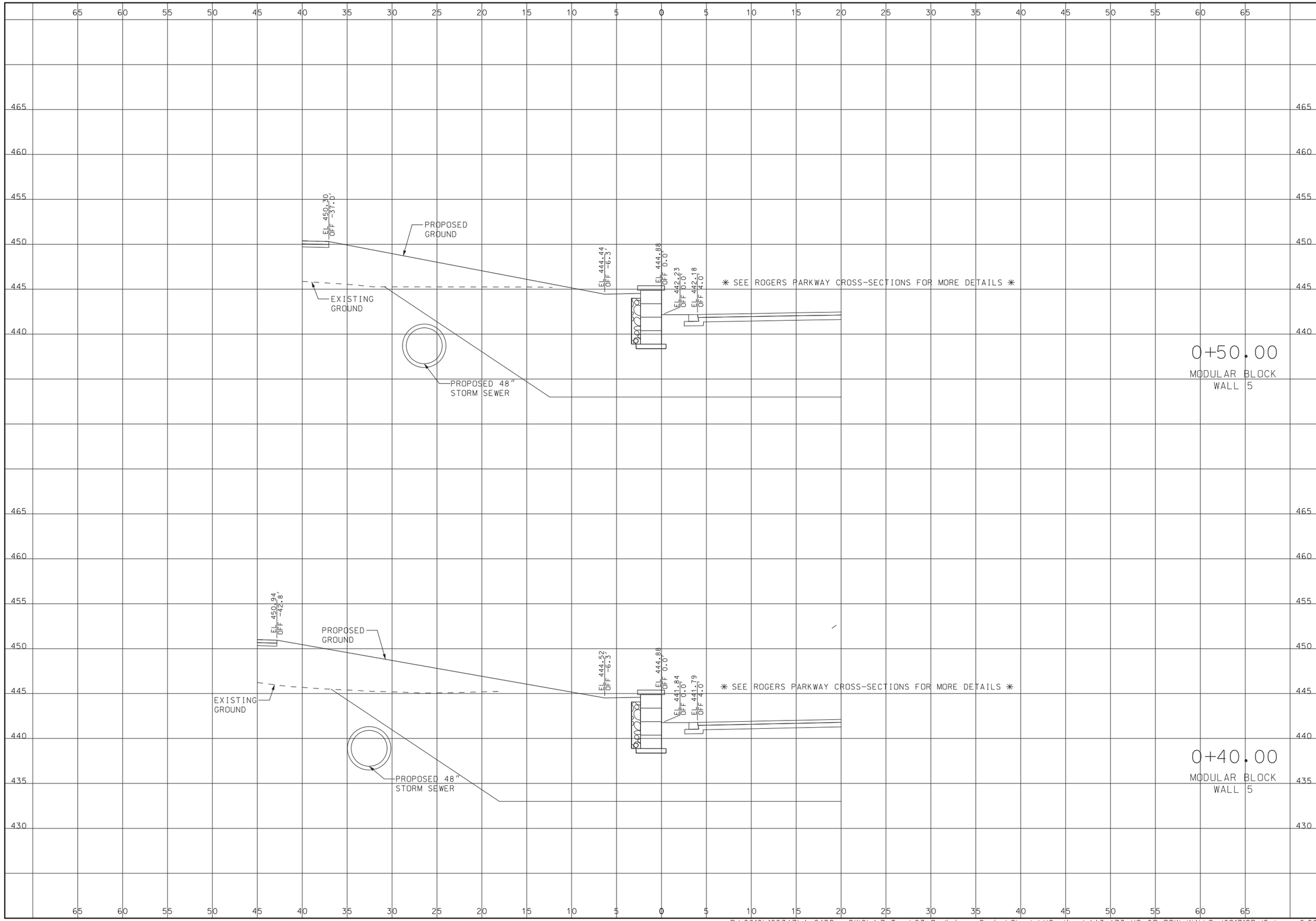

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CROSS SECTIONS
MODULAR BLOCK WALL 5
SHEET 468 OF 473

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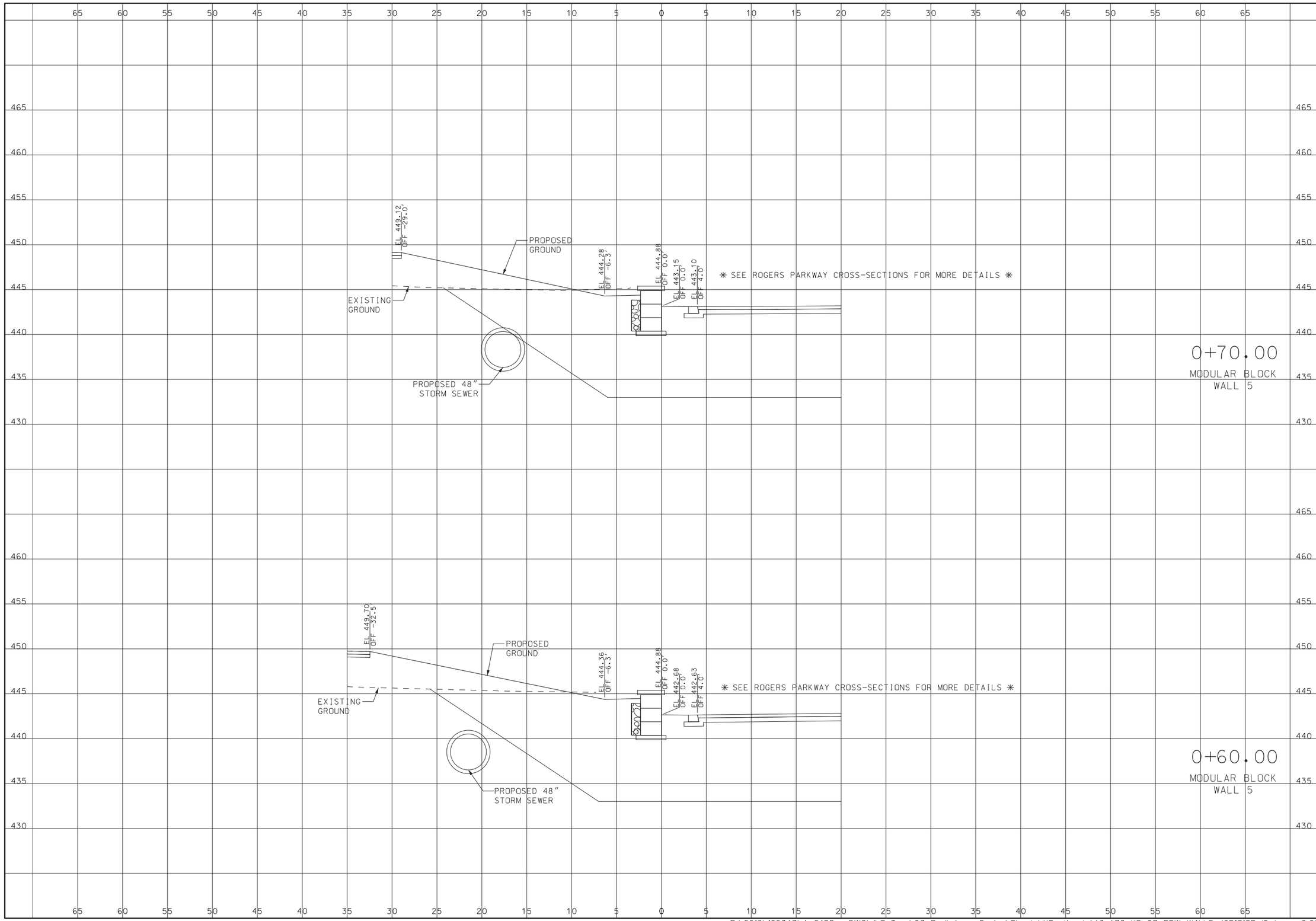

STATE OF MISSOURI
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LICENSE NUMBER PE-2009018706
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CROSS SECTIONS
MODULAR BLOCK
WALL 5

SHEET 469 OF 473

REV.

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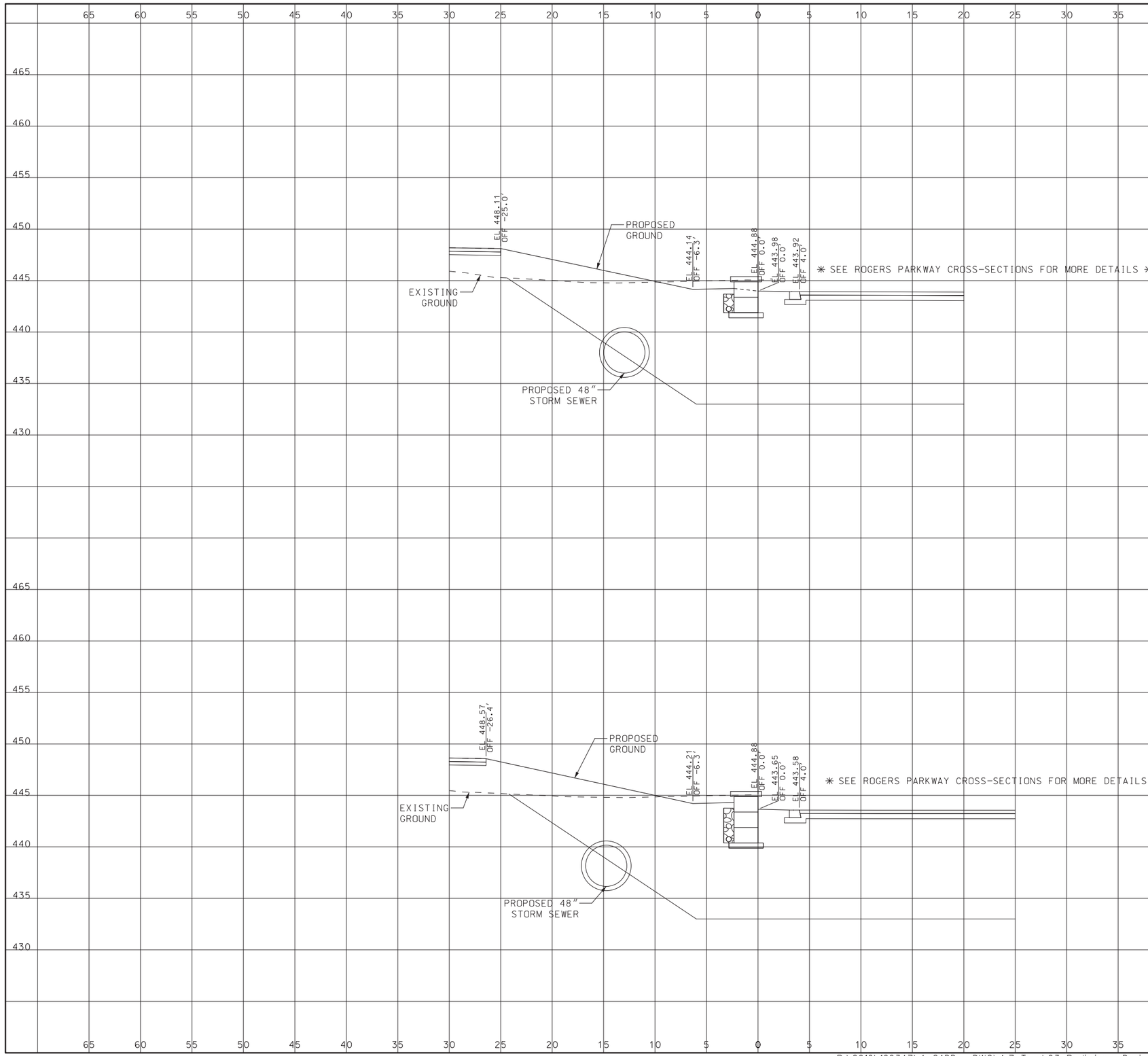

STATE OF MISSOURI
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ROUTE	STATE
100	MO
DISTRICT	SHEET NO.
SL	470

COUNTY
ST. LOUIS

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CROSS SECTIONS
MODULAR BLOCK WALL 5
SHEET 470 OF 473

REV.

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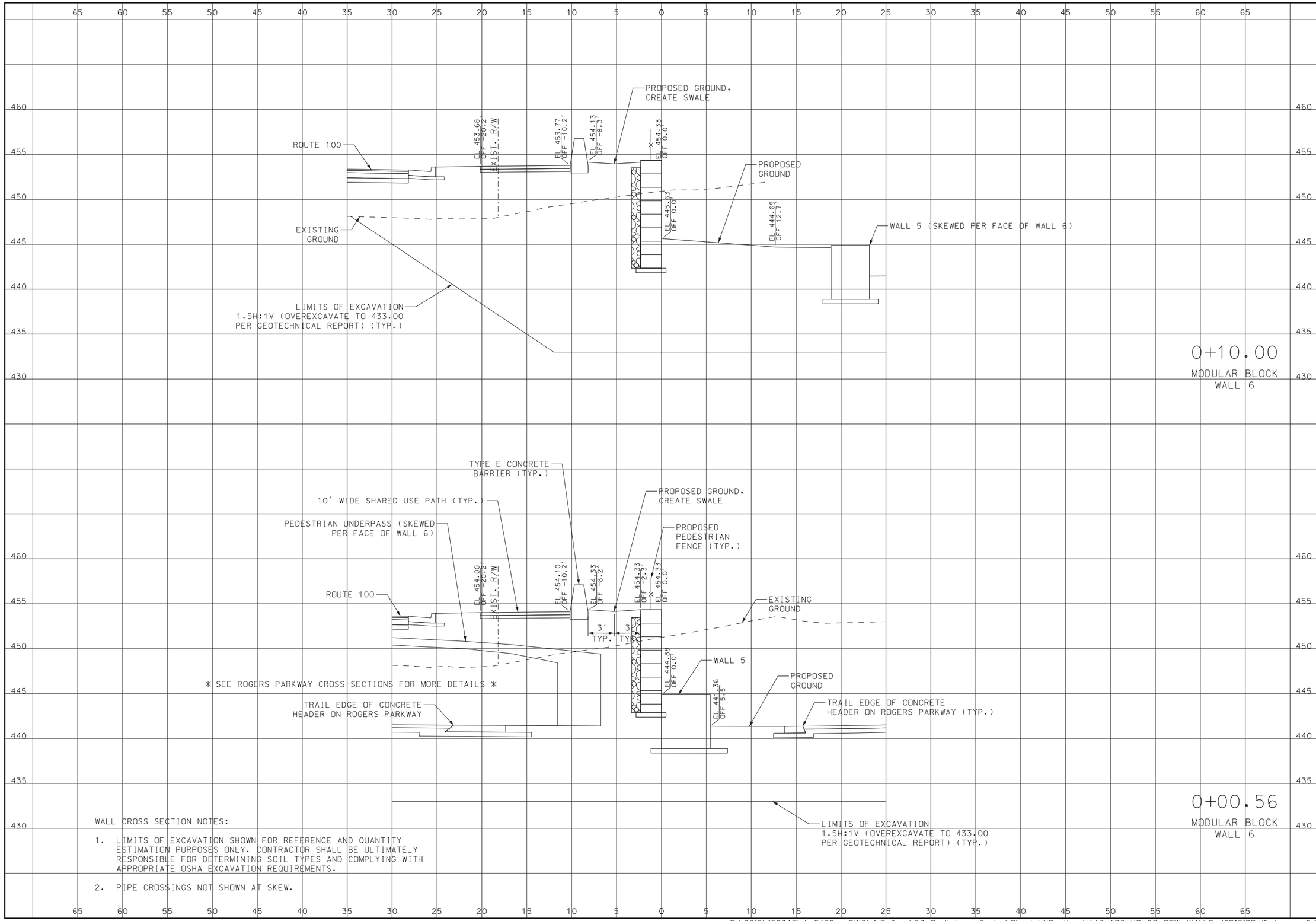

WALL CROSS SECTION NOTES:

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CROSS SECTIONS
MODULAR BLOCK WALL 6
SHEET 471 OF 473

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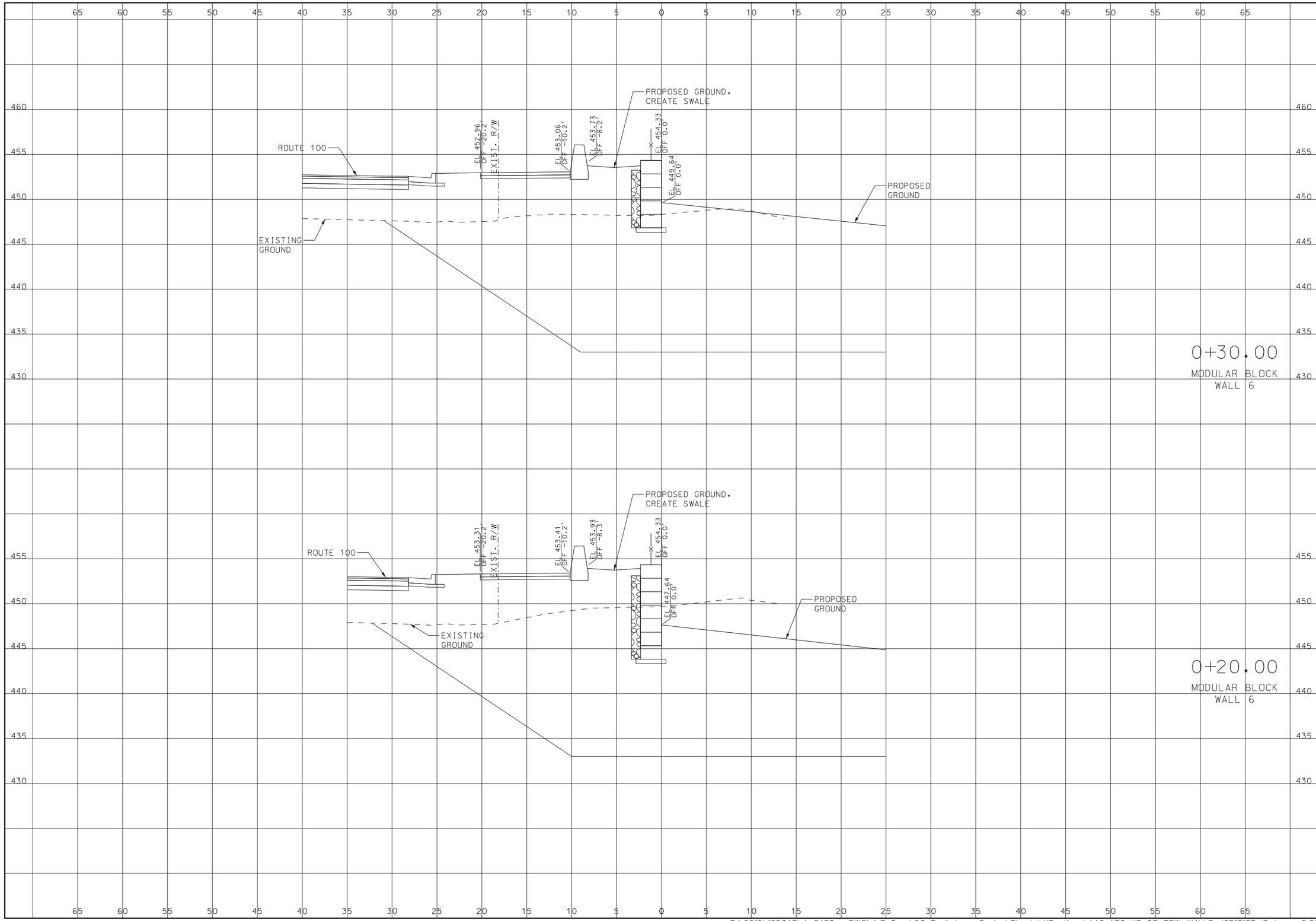

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CROSS SECTIONS
MODULAR BLOCK
WALL 6

SHEET 472 OF 473

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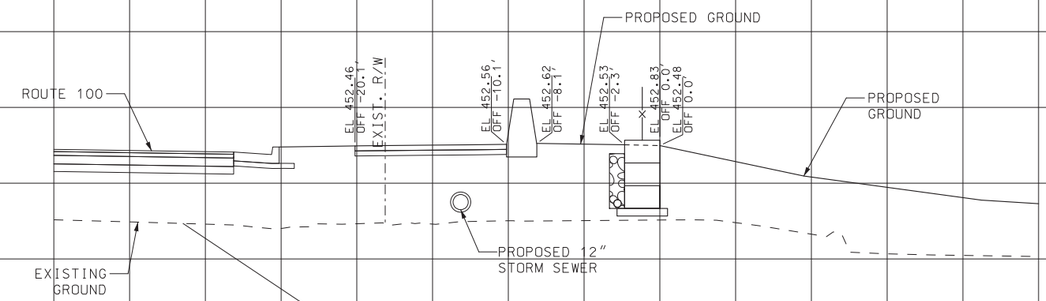

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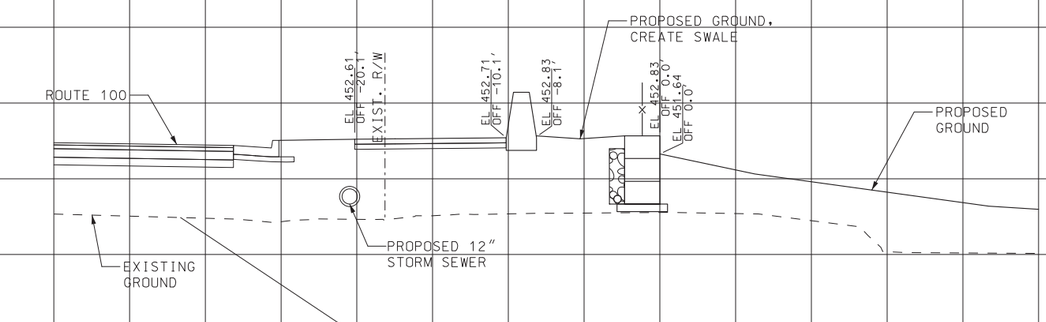
MODULAR BLOCK
WALL 6



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MODULAR BLOCK
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MODULAR BLOCK
WALL 6

SHEET 473 OF 473

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