STATE OF NEBRASKA

DEPARTMENT OF TRANSPORTATION

UTILITY PLANS

DECATUR BRIDGE

BURT COUNTY (NEBRASKA)
MONONA COUNTY (IOWA)

INDEX OF SHEETS

SHEET NO.	
A1	TITLE PAGE
B1 - B6	TYPICAL CROSS SECTIONS
E1 - E2	ENVIRONMENTAL
F1 - F9	HORIZONTAL ALIGNMENT & ORIENTATION
G1 - G3	GENERAL INFORMATION
H1 - H8	PHASING
J1 - J4	DRAINAGE
J5 - J16	REMOVAL
J17 - J30	CONSTRUCTION
L31 - L33	CONTOURS
L1 - L10	PLAN & PROFILE
R1 - R4	PIPE PROFILES
S1 - S9	SPECIAL PLAN 1C 2730'-0" 14-SPAN MISSOURI RIVER BRIDGE
U1 - U2	SPECIAL PLAN _C GUARDRAIL PLANS
X1 - X63	CROSS SECTIONS

PROJECT TYPE

- ☐ MAINTENANCE
- ☐ 3R
- ☐ 3R w/SHOULDER WIDENING
- ☐ RECONSTRUCTION
- ☒ NEW CONSTRUCTION

DESIGNER/SQUAD LEADER:
KNOTT, DAWN

PHONE # 479-4414

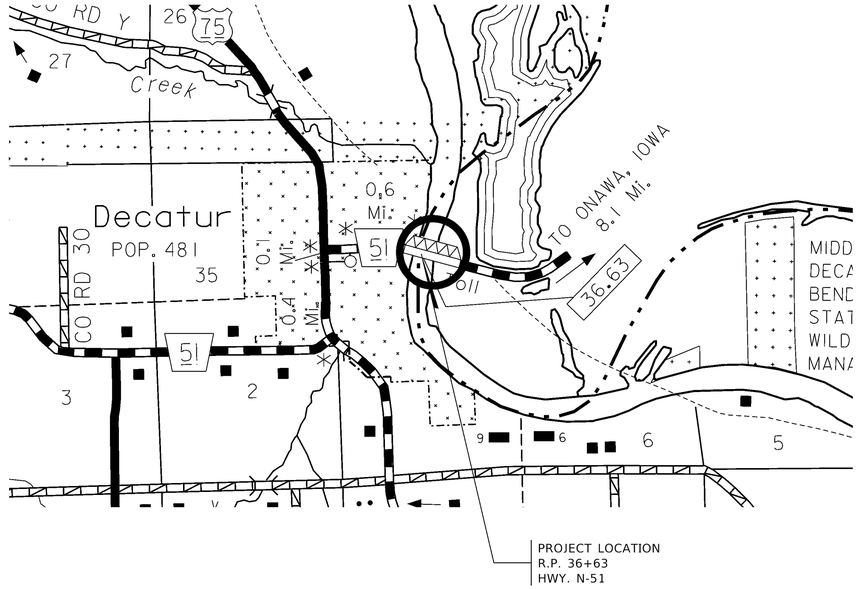
UNIT HEAD:
BAIRD, JACQUELINE

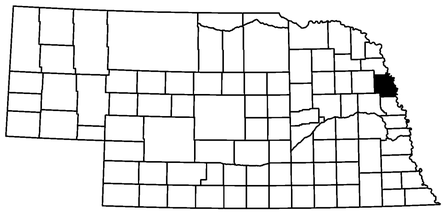
PHONE # 479-4625

BALANCE FACTOR TO BE USED:
1.4

DESIGN SPEED:
35 mph

STATE FUNCTIONAL CLASSIFICATION:
MAJOR ARTERIAL





DESIGN DESIGNATION
NEW OR RECONSTRUCTION
RURAL
TRAFFIC

YEAR:	2029	2049
ADT:	1830	1855
DHV:	195	200

T= 10 % D= - %

N.F.C. _____

** _____

A1

Project Number
STP-51-7(109)

◣C.N. 32395

▲C.N.

■C.N.

REFERENCE POST NO. 36+63

NEBRASKA
Good Life. Great Journey.
DEPARTMENT OF TRANSPORTATION

Construction Division
1500 Nebraska Parkway
Lincoln, NE 68502
Office: 402-479-4532

NOT FINAL
PRELIMINARY PLAN
SUBJECT TO CHANGE

NOT FINAL
PRELIMINARY PLAN
SUBJECT TO CHANGE

COMPUTER: B725141
DATE: 12-AUG-2025 16:05
FILE: 32395 Sheets Title.dgn

BURNS & MCDONNELL
ENGINEERING COMPANY, INC.
1010 N. 102nd Street, Suite 200
Omaha, NE 68114
Office: 402-408-3013
Nebraska C.O.A. #CA-0621

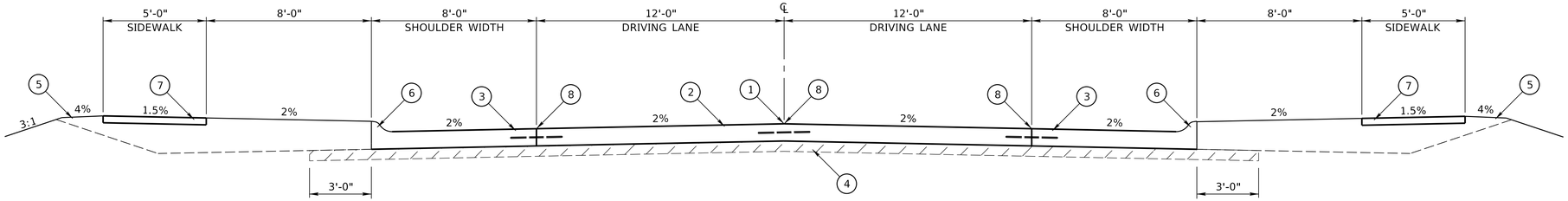
B1

Project Number
51-7(109)

C.N. 32395

DECATUR BRIDGE

TYPICAL CROSS SECTIONS

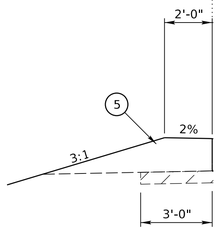


HWY N-51

STATION	TO	STATION
2109+00	-	2121+81

(EXCEPT AS SHOWN ELSEWHERE)

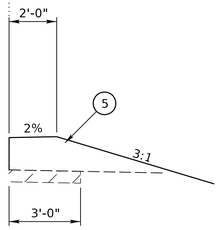
BRIDGE EXCEPTION:
STA. 2121+81 TO STA. 2150+13



HWY N-51

STATION	TO	STATION
2114+00	-	2121+81

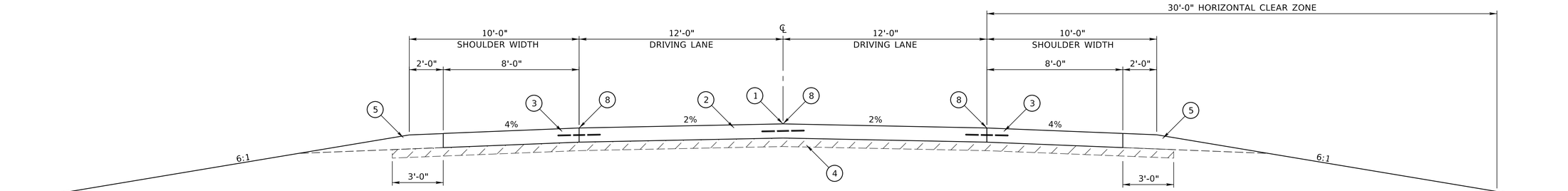
(EXCEPT AS SHOWN ELSEWHERE)



HWY N-51

STATION	TO	STATION
2114+00	-	2121+81

(EXCEPT AS SHOWN ELSEWHERE)



HWY IA-175

STATION	TO	STATION
2150+13	-	2186+50

(EXCEPT AS SHOWN ELSEWHERE)

LEGEND

1. PROFILE GRADE POINT
2. 10" DOWELED CONCRETE PAVEMENT
3. 10" CONCRETE PAVEMENT
4. SUBGRADE PREPARATION
5. EARTH SHOULDER CONSTRUCTION
6. 6" INTEGRAL CURB
7. 4" CONCRETE SIDEWALK
8. LONGITUDINAL JOINT
9. 6" GRAVEL SURFACING
10. 7" CONCRETE PAVEMENT
11. TEMPORARY SURFACING
12. 2'-0" MIN. ROCK RIPRAP TYPE C
13. RIPRAP FILTER FABRIC

NEBRASKA
Good Life. Great Journey.
DEPARTMENT OF TRANSPORTATION

Roadway Design Division
1500 Nebraska Parkway
Lincoln, NE 68502
Office: 402-479-4601

★ NOT FINAL ★
PRELIMINARY PLAN
SUBJECT TO CHANGE

COMPUTER: B800570
DATE: 12-AUG-2025 13:52
FILE: 32395 Sheets Typical Cross Sections_US_FT.dgn

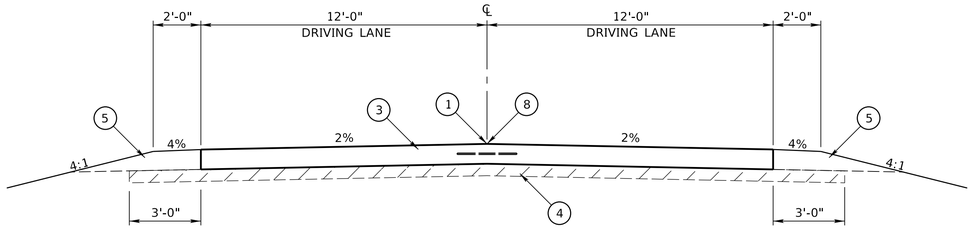
BURNS & MCDONNELL
ENGINEERING COMPANY, INC.
1010 N. 102nd Street, Suite 200
Omaha, NE 68114
Office: 402-408-3013
Nebraska C.O.A. #CA-0621

B2

Project Number
51-7(109)

C.N. 32395

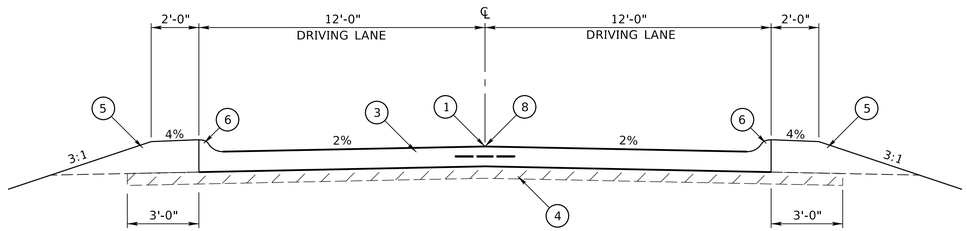
DECATUR BRIDGE



THIRD AVENUE

STATION	TO	STATION
100+47	-	101+40

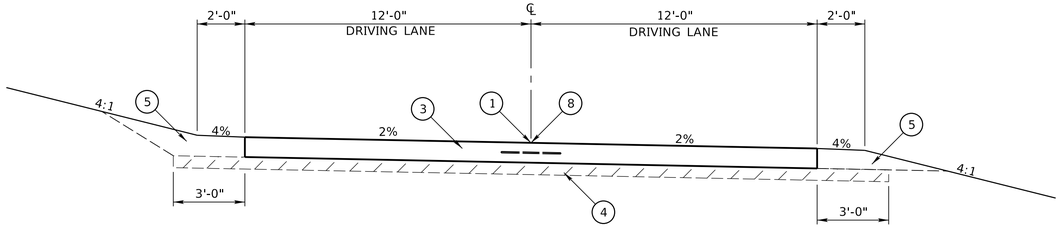
(EXCEPT AS SHOWN ELSEWHERE)



THIRD AVENUE

STATION	TO	STATION
101+40	-	103+18

(EXCEPT AS SHOWN ELSEWHERE)



MARINA DRIVE

STATION	TO	STATION
200+44	-	201+60

(EXCEPT AS SHOWN ELSEWHERE)

LEGEND

1. PROFILE GRADE POINT
2. 10" DOWELED CONCRETE PAVEMENT
3. 10" CONCRETE PAVEMENT
4. SUBGRADE PREPARATION
5. EARTH SHOULDER CONSTRUCTION
6. 6" INTEGRAL CURB
7. 4" CONCRETE SIDEWALK
8. LONGITUDINAL JOINT
9. 6" GRAVEL SURFACING
10. 7" CONCRETE PAVEMENT
11. TEMPORARY SURFACING
12. 2'-0" MIN. ROCK RIPRAP TYPE C
13. RIPRAP FILTER FABRIC

TYPICAL CROSS SECTIONS

NEBRASKA
Good Life. Great Journey.
DEPARTMENT OF TRANSPORTATION

Roadway Design Division
1500 Nebraska Parkway
Lincoln, NE 68502
Office: 402-479-4601

★ NOT FINAL ★
PRELIMINARY PLAN
SUBJECT TO CHANGE

FILE: 32395 Sheets Typical Cross Sections_US_FT.dgn
DATE: 12-AUG-2025 13:52
COMPUTER: B800570

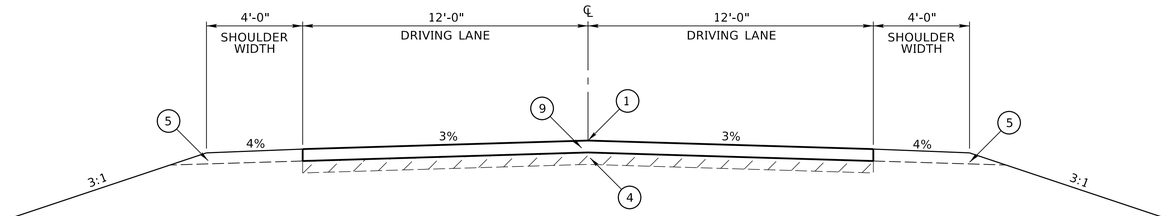
BURNS & MCDONNELL
ENGINEERING COMPANY, INC.
1010 N. 102nd Street, Suite 200
Omaha, NE 68114
Office: 402-408-3013
Nebraska C.O.A. #CA-0621

B3

Project Number
51-7(109)

C.N. 32395

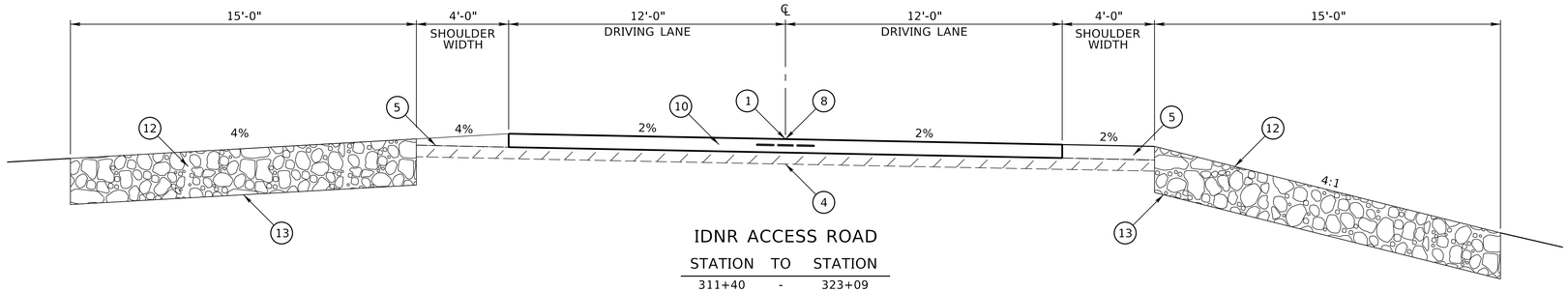
DECATUR BRIDGE



IDNR ACCESS ROAD

STATION	TO	STATION
301+73	-	311+40

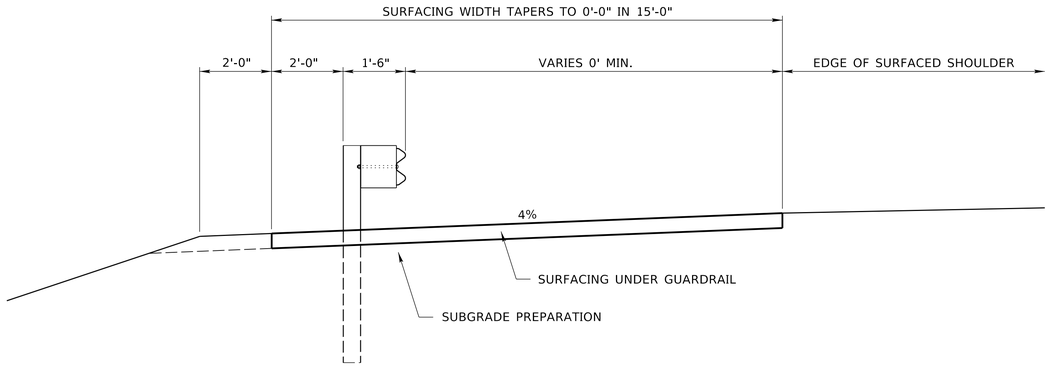
(EXCEPT AS SHOWN ELSEWHERE)



IDNR ACCESS ROAD

STATION	TO	STATION
311+40	-	323+09

(EXCEPT AS SHOWN ELSEWHERE)



SURFACE UNDER GUARDRAIL
(SURFACED SHOULDER WIDENING AT GUARDRAIL LOCATIONS)

FOR DETAILS NOT SHOWN SEE PLAN 329

LEGEND

1. PROFILE GRADE POINT
2. 10" DOWELED CONCRETE PAVEMENT
3. 10" CONCRETE PAVEMENT
4. SUBGRADE PREPARATION
5. EARTH SHOULDER CONSTRUCTION
6. 6" INTEGRAL CURB
7. 4" CONCRETE SIDEWALK
8. LONGITUDINAL JOINT
9. 6" GRAVEL SURFACING
10. 7" CONCRETE PAVEMENT
11. TEMPORARY SURFACING
12. 2'-0" MIN. ROCK RIPRAP TYPE C
13. RIPRAP FILTER FABRIC

TYPICAL CROSS SECTIONS

NEBRASKA
Good Life. Great Journey.
DEPARTMENT OF TRANSPORTATION

Roadway Design Division
1500 Nebraska Parkway
Lincoln, NE 68502
Office: 402-479-4601

★ NOT FINAL ★
PRELIMINARY PLAN
SUBJECT TO CHANGE

FILE: 32395 Sheets Typical Cross Sections_US_FT.dgn
DATE: 12-AUG-2025 13:52
COMPUTER: B800570

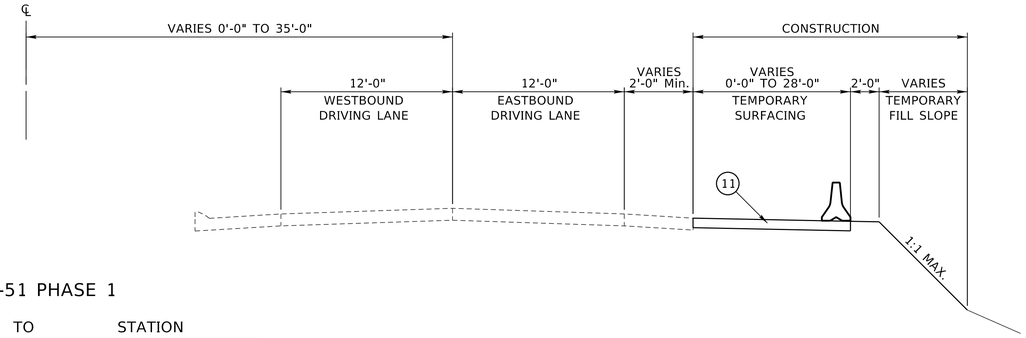
BURNS & MCDONNELL
ENGINEERING COMPANY, INC.
1010 N. 102nd Street, Suite 200
Omaha, NE 68114
Office: 402-408-3013
Nebraska C.O.A. #CA-0621

B4

Project Number
51-7(109)

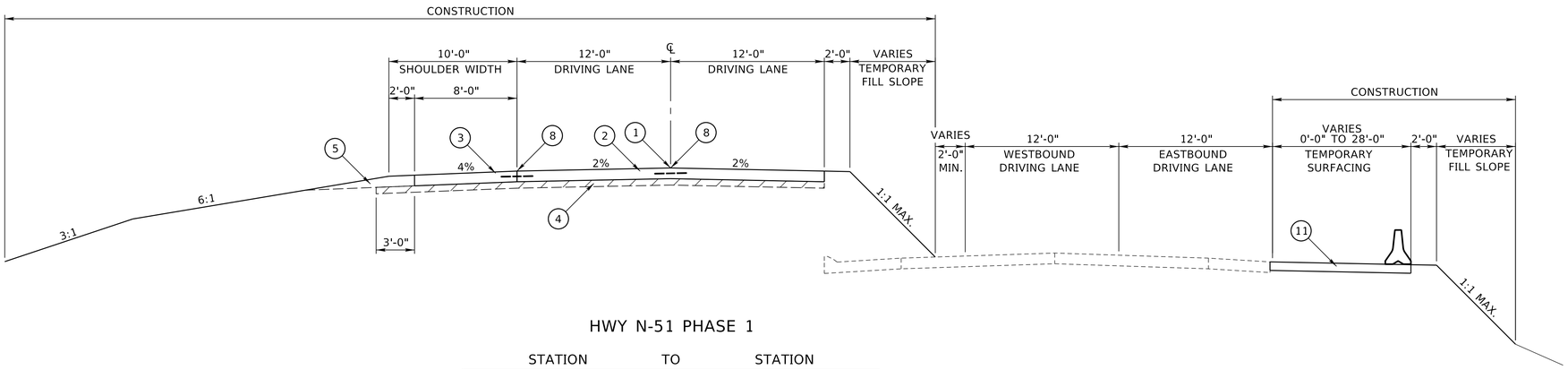
C.N. 32395

DECATUR BRIDGE



HWY N-51 PHASE 1

STATION	TO	STATION
2108+00	-	2116+50
2164+50		2192+80



HWY N-51 PHASE 1

STATION	TO	STATION
2116+50	-	2165+50

LEGEND

1. PROFILE GRADE POINT
2. 10" DOWELED CONCRETE PAVEMENT
3. 10" CONCRETE PAVEMENT
4. SUBGRADE PREPARATION
5. EARTH SHOULDER CONSTRUCTION
6. 6" INTEGRAL CURB
7. 4" CONCRETE SIDEWALK
8. LONGITUDINAL JOINT
9. 6" GRAVEL SURFACING
10. 7" CONCRETE PAVEMENT
11. TEMPORARY SURFACING
12. 2'-0" MIN. ROCK RIPRAP TYPE C
13. RIPRAP FILTER FABRIC

TYPICAL CROSS SECTIONS

NEBRASKA
Good Life. Great Journey.
DEPARTMENT OF TRANSPORTATION

Roadway Design Division
1500 Nebraska Parkway
Lincoln, NE 68502
Office: 402-479-4601

★ NOT FINAL ★
PRELIMINARY PLAN
SUBJECT TO CHANGE

COMPUTER: B800570
DATE: 12-AUG-2025 13:52
FILE: 32395 Sheets Typical Cross Sections_US_FT.dgn

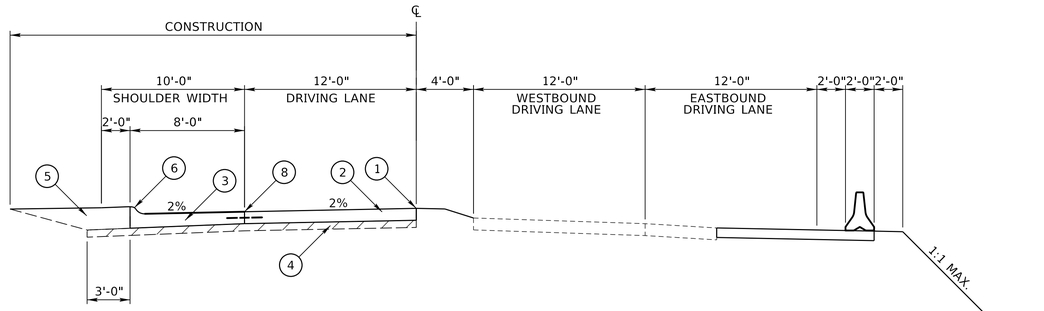
BURNS & MCDONNELL
ENGINEERING COMPANY, INC.
1010 N. 102nd Street, Suite 200
Omaha, NE 68114
Office: 402-408-3013
Nebraska C.O.A. #CA-0621

B5

Project Number
51-7(109)

C.N. 32395

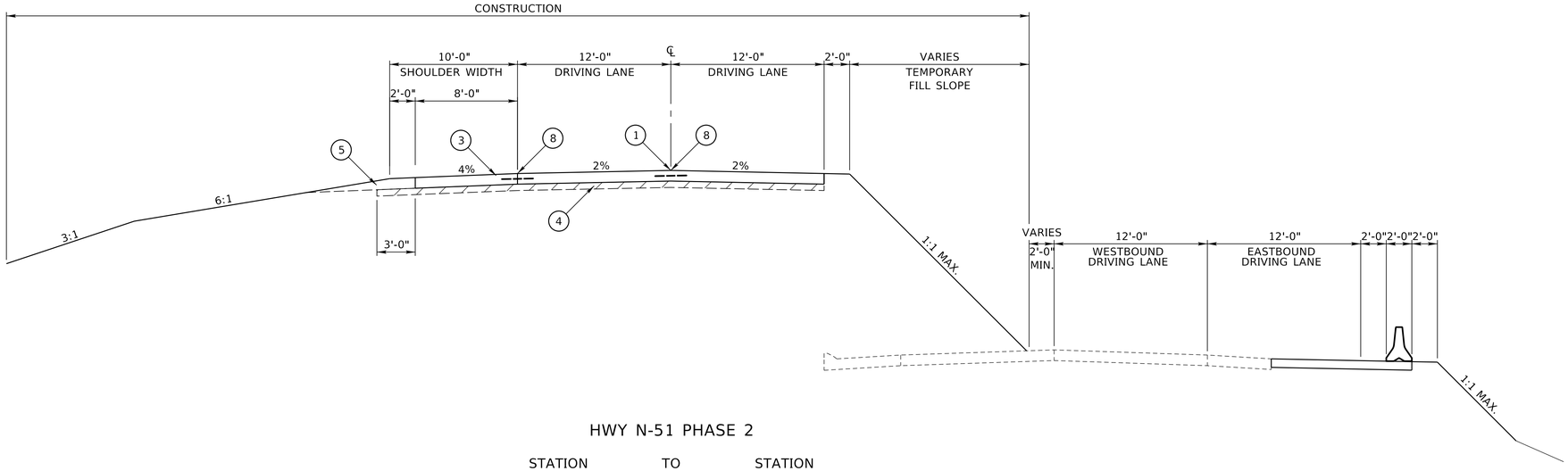
DECATUR BRIDGE



HWY N-51 PHASE 2

STATION	TO	STATION
2109+00	-	2111+00

BRIDGE EXCEPTION:
STA. 2121+81 TO STA. 2150+13



HWY N-51 PHASE 2

STATION	TO	STATION
2111+00	-	2116+50
2165+50		2186+04

LEGEND

1. PROFILE GRADE POINT
2. 10" DOWELED CONCRETE PAVEMENT
3. 10" CONCRETE PAVEMENT
4. SUBGRADE PREPARATION
5. EARTH SHOULDER CONSTRUCTION
6. 6" INTEGRAL CURB
7. 4" CONCRETE SIDEWALK
8. LONGITUDINAL JOINT
9. 6" GRAVEL SURFACING
10. 7" CONCRETE PAVEMENT
11. TEMPORARY SURFACING
12. 2'-0" MIN. ROCK RIPRAP TYPE C
13. RIPRAP FILTER FABRIC

TYPICAL CROSS SECTIONS

NEBRASKA
Good Life. Great Journey.
DEPARTMENT OF TRANSPORTATION

Roadway Design Division
1500 Nebraska Parkway
Lincoln, NE 68502
Office: 402-479-4601

* NOT FINAL *
PRELIMINARY PLAN
SUBJECT TO CHANGE

COMPUTER: B800570
DATE: 12-AUG-2025 13:52
FILE: 32395 Sheets Typical Cross Sections_US_FT.dgn

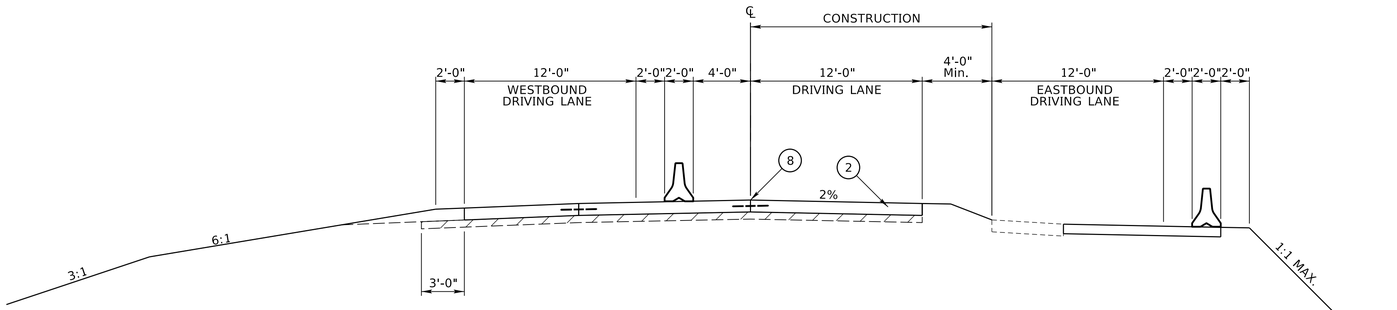
BURNS & MCDONNELL
ENGINEERING COMPANY, INC.
1010 N. 102nd Street, Suite 200
Omaha, NE 68114
Office: 402-408-3013
Nebraska C.O.A. #CA-0621

B6

Project Number
51-7(109)

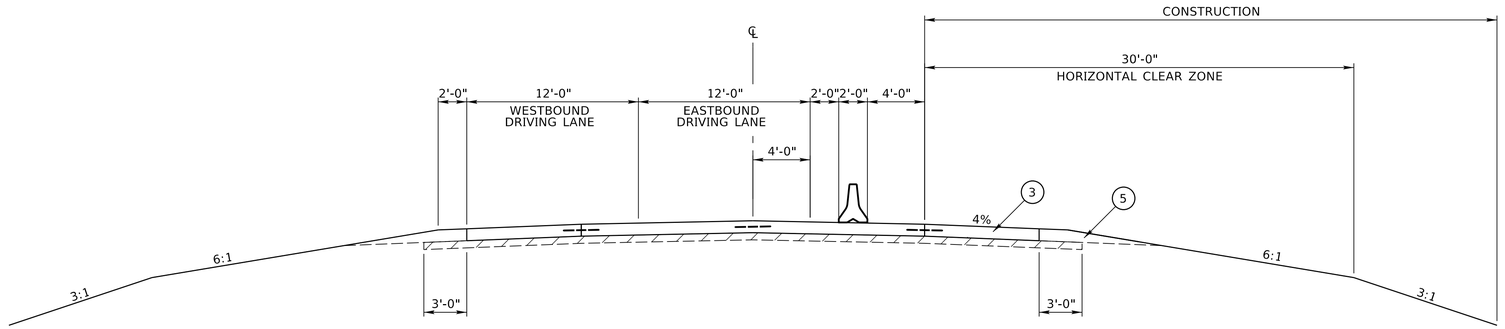
C.N. 32395

DECATUR BRIDGE



HWY N-51 PHASE 3

STATION	TO	STATION
2109+00	-	2116+50



HWY N-51 PHASE 4

STATION	TO	STATION
2116+50	-	2165+50

LEGEND

1. PROFILE GRADE POINT
2. 10" DOWELED CONCRETE PAVEMENT
3. 10" CONCRETE PAVEMENT
4. SUBGRADE PREPARATION
5. EARTH SHOULDER CONSTRUCTION
6. 6" INTEGRAL CURB
7. 4" CONCRETE SIDEWALK
8. LONGITUDINAL JOINT
9. 6" GRAVEL SURFACING
10. 7" CONCRETE PAVEMENT
11. TEMPORARY SURFACING
12. 2'-0" MIN. ROCK RIPRAP TYPE C
13. RIPRAP FILTER FABRIC

TYPICAL CROSS SECTIONS

NEBRASKA
Good Life. Great Journey.
DEPARTMENT OF TRANSPORTATION

Roadway Design Division
1500 Nebraska Parkway
Lincoln, NE 68502
Office: 402-479-4601

★ NOT FINAL ★
PRELIMINARY PLAN
SUBJECT TO CHANGE

COMPUTER: B800570
DATE: 12-AUG-2025 13:52
FILE: 32395 Sheets Typical Cross Sections_US_FT.dgn

BURNS & MCDONNELL
ENGINEERING COMPANY, INC.

1010 N. 102nd Street, Suite 200
Omaha, NE 68114
Office: 402-408-3013
Nebraska C.O.A. #CA-0621

E1

Project Number
51-7(109)

C.N. 32395

DECATUR BRIDGE

DATE: 2022
FLIGHT: NAIP

LEGEND

- LIMITS OF CONSTRUCTION
- WETLANDS - DO NOT DISTURB -
- IMPACTED WETLANDS
- TEMPORARY IMPACTED WETLANDS
- SEN — SENSITIVE AREA
- TRAIL — SENSITIVE TRAIL

ENVIRONMENTAL

NEBRASKA
Good Life. Great Journey.
DEPARTMENT OF TRANSPORTATION

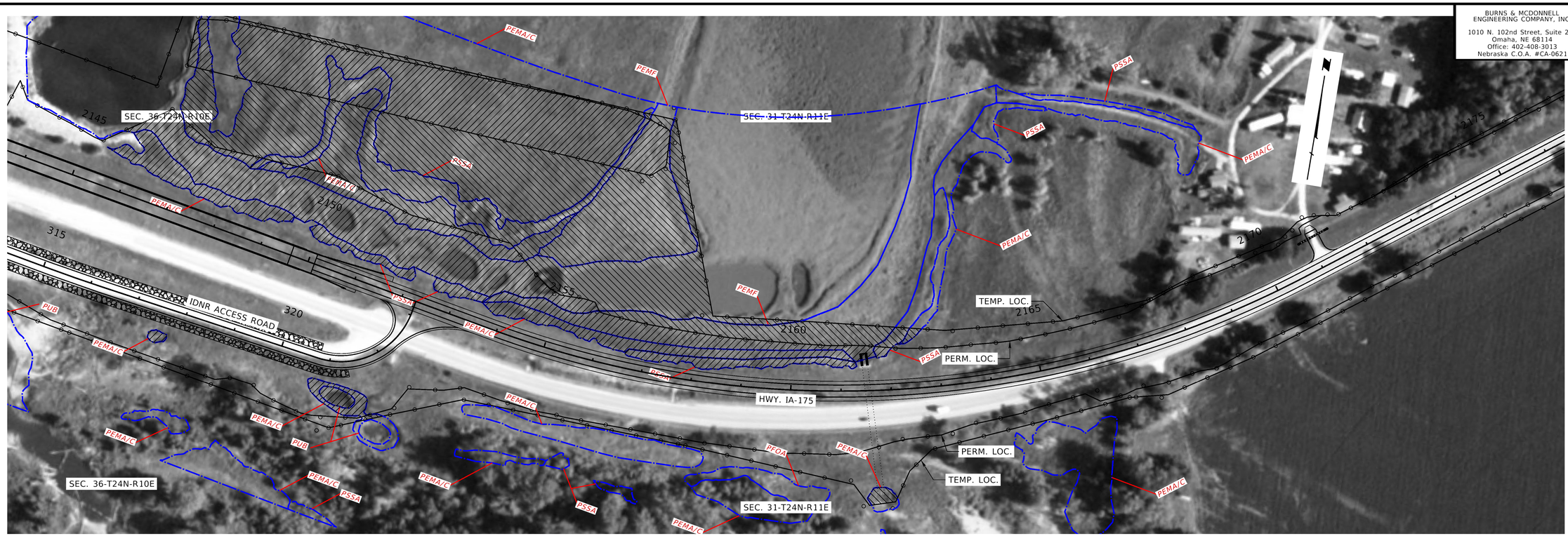
Roadway Design Division
1500 Nebraska Parkway
Lincoln, NE 68502
Office: 402-479-4601

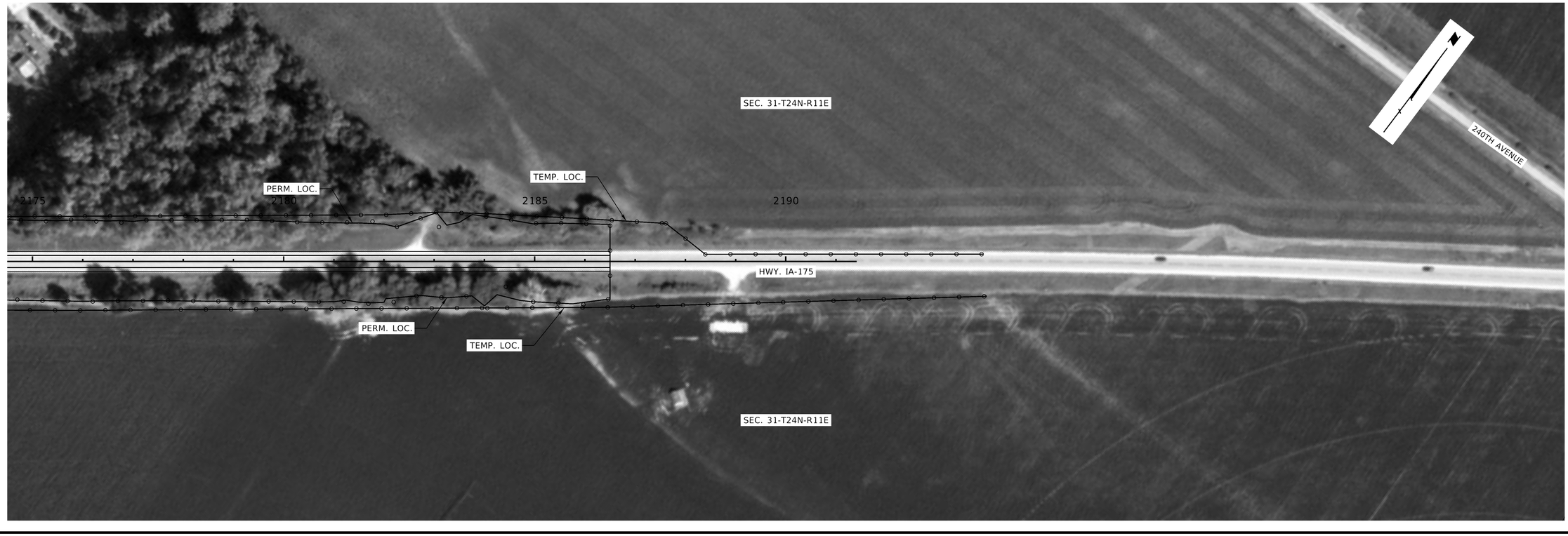
NOT FINAL
PRELIMINARY PLAN
SUBJECT TO CHANGE

DECATUR
5TH AVENUE
6TH STREET
SEC. 35-T24N-R10E
SEC. 36-T24N-R10E
CHANNEL
TEMP. LOC.
PERM. LOC.
2100
2105
2110
2115
HWY. N-51
FOURTH AVENUE
8TH STREET
BROADWAY STREET
3RD AVENUE
100
200

DECATUR
TEMP. LOC.
PERM. LOC.
MARINA DRIVE
2120
2125
2130
2135
2140
2145
PEMA/C
PSSA
PUB
HWY. N-51
115
300
305
310
315
PERM. LOC.
PEMA/C
MARINA DRIVE
PERENNIAL CHANNEL
PEMA/C
PEMA/C
PEMA/C
TEMP. LOC.
IDNR ACCESS ROAD
MISSOURI RIVER
SEC. 36-T24N-R10E
ELM CREEK
CHANNEL
LEWIS & CLARK CIRCLE
3RD AVENUE
100

COMPUTER: B800570
DATE: 12-AUG-2025 13:52
FILE: 32395 Sheets Enviro_US_FT.dgn





BURNS & MCDONNELL
ENGINEERING COMPANY, INC.
1010 N. 102nd Street, Suite 200
Omaha, NE 68114
Office: 402-408-3013
Nebraska C.O.A. #CA-0621

E2

Project Number
51-7(109)

C.N. 32395

DECATUR BRIDGE

DATE: 2022
FLIGHT: NAIP

LEGEND

- LIMITS OF CONSTRUCTION
- WETLANDS - DO NOT DISTURB -
- IMPACTED WETLANDS
- TEMPORARY IMPACTED WETLANDS
- SEN — SENSITIVE AREA
- TRAIL — SENSITIVE TRAIL

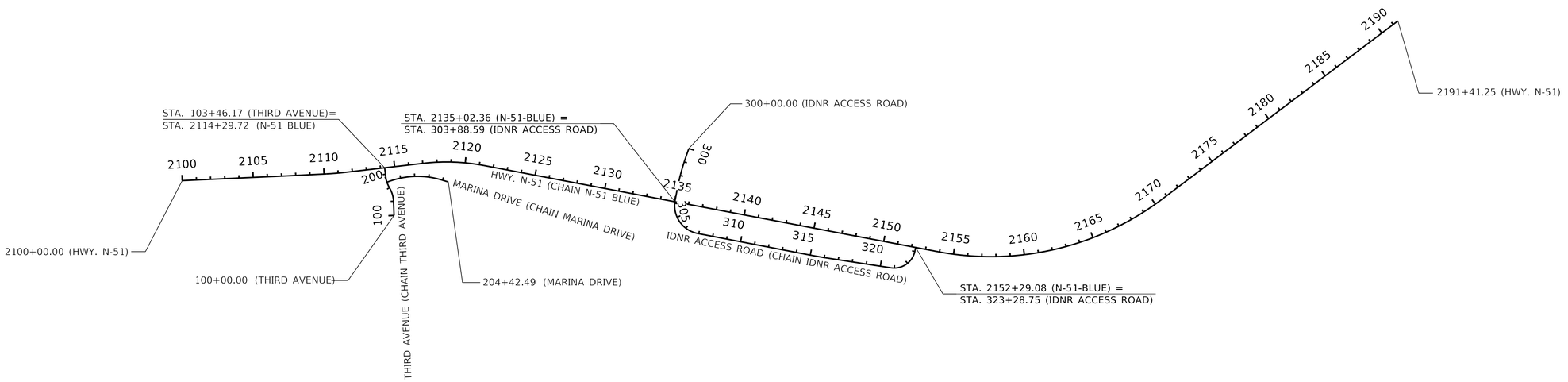
ENVIRONMENTAL

NEBRASKA
Good Life. Great Journey.
DEPARTMENT OF TRANSPORTATION

Roadway Design Division
1500 Nebraska Parkway
Lincoln, NE 68502
Office: 402-479-4601

NOT FINAL
PRELIMINARY PLAN
SUBJECT TO CHANGE

COMPUTER: B800570
DATE: 12-AUG-2025 13:52
FILE: 32395 Sheets Enviro_US_FT.dgn



ALIGNMENT INFORMATION		
SEGMENT	ALIGNMENT	PROFILE
HWY N-51	N-51 BLUE	N-51 BLUE
THIRD AVENUE	THIRD AVENUE	THIRD AVENUE
MARINA DRIVE	MARINA DRIVE	MARINA DRIVE
IDNR ACCESS ROAD	IDNR ACCESS ROAD	IDNR ACCESS ROAD

NOTE: ALIGNMENT HAS BEEN CREATED FROM ASBUILT INFORMATION
AND MODIFIED TO REPRESENT THE FIELD SURVEY DATA COLLECTED.

BURNS & MCDONNELL
ENGINEERING COMPANY, INC.
1010 N. 102nd Street, Suite 200
Omaha, NE 68114
Office: 402-408-3013
Nebraska C.O.A. #CA-0621

F1

Project Number
51-7(109)

C.N. 32395

DECATUR BRIDGE

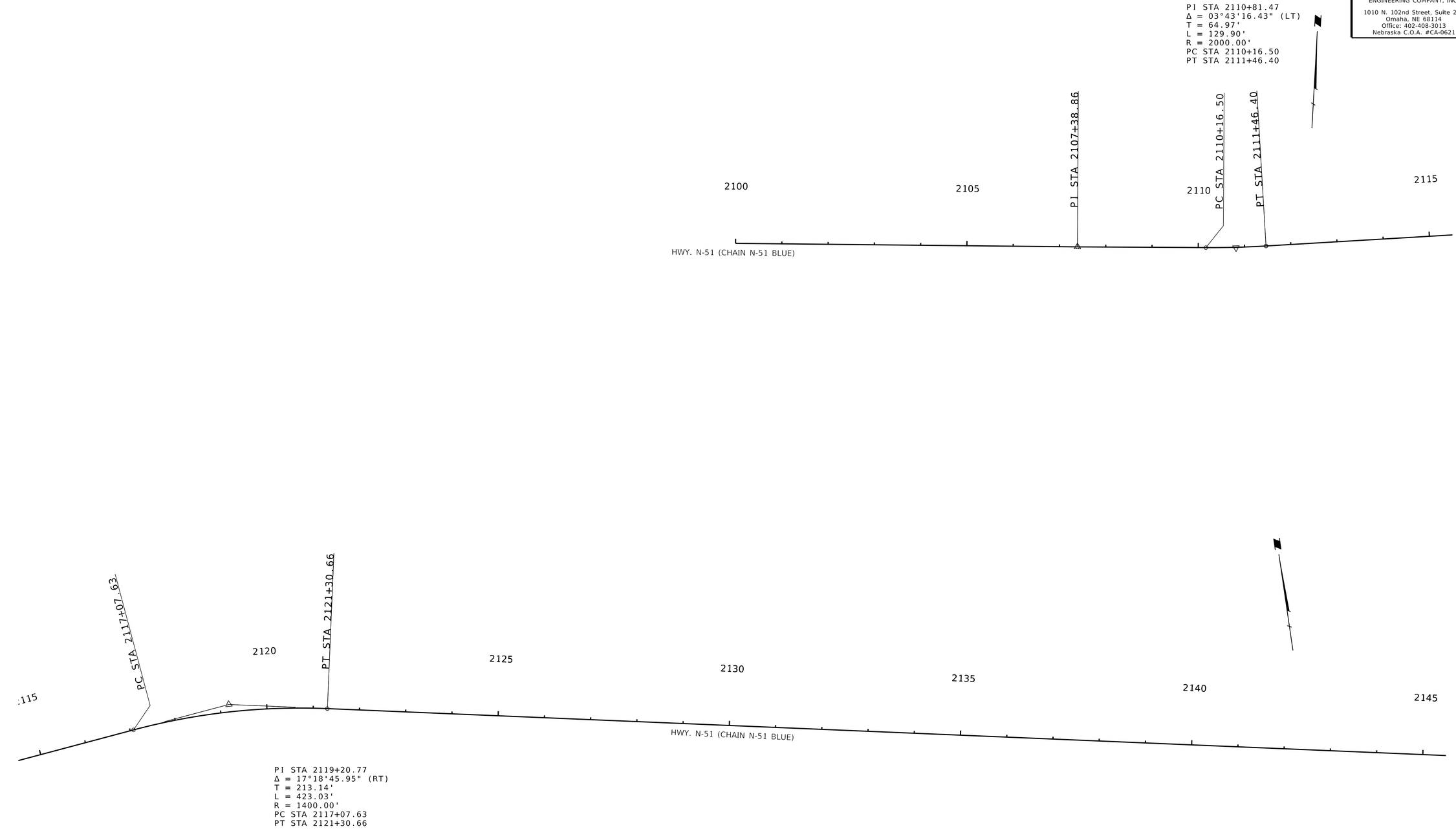
HORIZONTAL ALIGNMENT & ORIENTATION

NEBRASKA
Good Life. Great Journey.
DEPARTMENT OF TRANSPORTATION

Roadway Design Division
1500 Nebraska Parkway
Lincoln, NE 68502
Office: 402-479-4601

* NOT FINAL *
PRELIMINARY PLAN
SUBJECT TO CHANGE

FILE: 32395 Sheets Horiz Align_US_FT.dgn
DATE: 12-AUG-2025 13:53
COMPUTER: B800570



BURNS & MCDONNELL
ENGINEERING COMPANY, INC.
1010 N. 102nd Street, Suite 200
Omaha, NE 68114
Office: 402-408-3013
Nebraska C.O.A. #CA-0621

F2

Project Number
51-7(109)

C.N. 32395

DECATUR BRIDGE

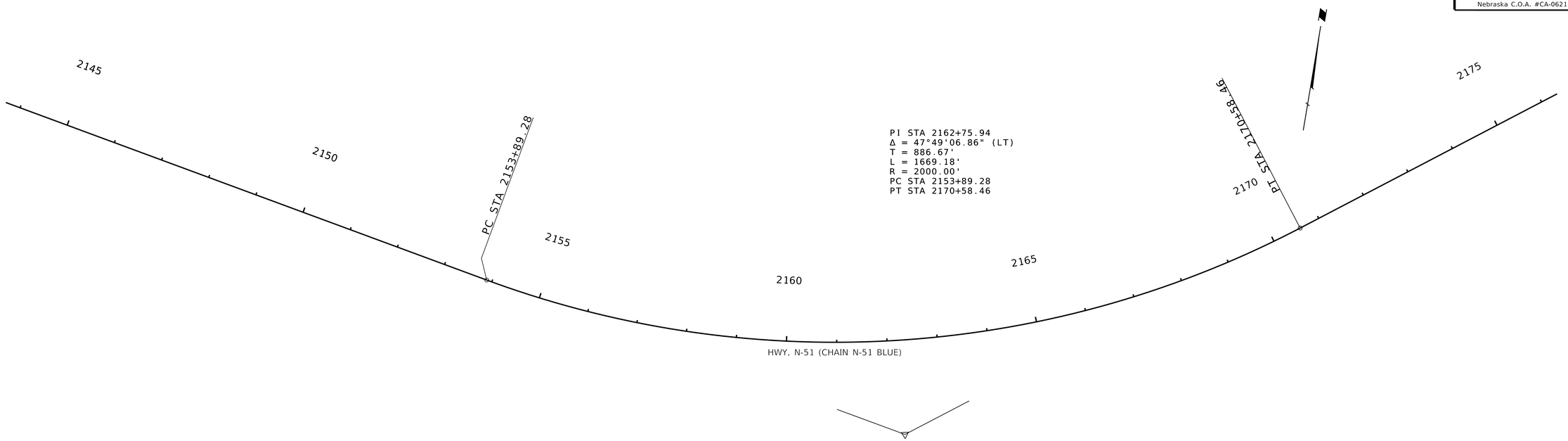
HORIZONTAL ALIGNMENT & ORIENTATION

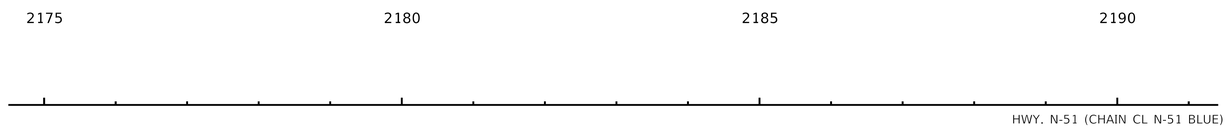
NEBRASKA
Good Life. Great Journey.
DEPARTMENT OF TRANSPORTATION

Roadway Design Division
1500 Nebraska Parkway
Lincoln, NE 68502
Office: 402-479-4601

★ NOT FINAL ★
PRELIMINARY PLAN
SUBJECT TO CHANGE

COMPUTER: B800570
DATE: 12-AUG-2025 13:53
FILE: 32395 Sheets Horiz Align_US_FT.dgn





BURNS & MCDONNELL
ENGINEERING COMPANY, INC.
1010 N. 102nd Street, Suite 200
Omaha, NE 68114
Office: 402-408-3013
Nebraska C.O.A. #CA-0621

F3

Project Number
51-7(109)

C.N. 32395

DECATUR BRIDGE

HORIZONTAL ALIGNMENT & ORIENTATION

NEBRASKA
Good Life. Great Journey.
DEPARTMENT OF TRANSPORTATION

Roadway Design Division
1500 Nebraska Parkway
Lincoln, NE 68502
Office: 402-479-4601

* NOT FINAL *
PRELIMINARY PLAN
SUBJECT TO CHANGE

COMPUTER: B800570
DATE: 12-AUG-2025 13:53
FILE: 32395 Sheets Horiz Align_US_FT.dgn

Alignment Name:	N-51-BLUE		
Alignment Description:			
Alignment Style:	Alignment\Mainline		
	Station	X	Y
Element: Linear			
START	2100+00.00	2,659,216.85	814,305.93
HPI	2107+38.86	2,659,954.95	814,339.35
Tangential Direction:	87°24'26.02"		
Tangential Length:	738.86		
Element: Linear			
HPI	2107+38.86	2,659,954.95	814,339.35
PC	2110+16.50	2,660,232.25	814,353.16
Tangential Direction:	87°08'53.20"		
Tangential Length:	277.64		
Element: Circular			
PC	2110+16.50	2,660,232.25	814,353.16
HPI	2110+81.47	2,660,297.14	814,356.40
CC		2,660,132.74	816,350.69
PT	2111+46.40	2,660,361.68	814,363.83
Radius:	2,000.00		
Delta:	3°43'16.43"	Left	
Degree of Curvature (Arc):	2°51'53.24"		
Length:	129.9		
Tangent:	64.97		
Chord:	129.87		
Middle Ordinate:	1.05		
External:	1.06		
Tangent Direction:	87°08'53.20"		
Radial Direction:	177°08'53.20"		
Chord Direction:	85°17'14.99"		
Radial Direction:	173°25'36.77"		
Tangent Direction:	83°25'36.77"		
Element: Linear			
PT	2111+46.40	2,660,361.68	814,363.83
PC	2117+07.63	2,660,919.23	814,428.08
Tangential Direction:	83°25'36.77"		
Tangential Length:	561.23		
Element: Circular			
PC	2117+07.63	2,660,919.23	814,428.08
HPI	2119+20.77	2,661,130.97	814,452.48
CC		2,661,079.49	813,037.28
PT	2121+30.66	2,661,340.37	814,412.76
Radius:	1,400.00		
Delta:	17°18'45.95"	Right	
Degree of Curvature (Arc):	4°05'33.20"		
Length:	423.03		
Tangent:	213.14		
Chord:	421.42		
Middle Ordinate:	15.95		
External:	16.13		
Tangent Direction:	83°25'36.77"		
Radial Direction:	173°25'36.77"		
Chord Direction:	92°04'59.75"		
Radial Direction:	190°44'22.72"		
Tangent Direction:	100°44'22.72"		
Element: Linear			
PT	2121+30.66	2,661,340.37	814,412.76
PC	2153+89.28	2,664,541.91	813,805.53
Tangential Direction:	100°44'22.72"		
Tangential Length:	3,258.61		
Element: Circular			
PC	2153+89.28	2,664,541.91	813,805.53
HPI	2162+75.94	2,665,413.04	813,640.30
CC		2,664,914.60	815,770.50
PT	2170+58.46	2,666,120.43	814,174.88
Radius:	2,000.00		
Delta:	47°49'06.86"	Left	
Degree of Curvature (Arc):	2°51'53.24"		
Length:	1,669.18		
Tangent:	886.67		
Chord:	1,621.16		
Middle Ordinate:	171.62		
External:	187.73		
Tangent Direction:	100°44'22.72"		
Radial Direction:	190°44'22.72"		
Chord Direction:	76°49'49.29"		
Radial Direction:	142°55'15.86"		
Tangent Direction:	52°55'15.86"		
Element: Linear			
PT	2170+58.46	2,666,120.43	814,174.88
END	2191+41.25	2,667,782.09	815,430.63
Tangential Direction:	52°55'15.86"		
Tangential Length:	2,082.79		

BURNS & MCDONNELL
ENGINEERING COMPANY, INC.
1010 N. 102nd Street, Suite 200
Omaha, NE 68114
Office: 402-408-3013
Nebraska C.O.A. #CA-0621

F4

Project Number
51-7(109)

C.N. 32395

DECATUR BRIDGE

HORIZONTAL ALIGNMENT & ORIENTATION

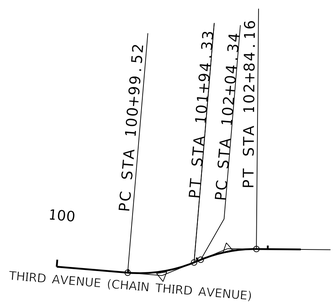
NEBRASKA
Good Life. Great Journey.
DEPARTMENT OF TRANSPORTATION

Roadway Design Division
1500 Nebraska Parkway
Lincoln, NE 68502
Office: 402-479-4601

NOT FINAL
PRELIMINARY PLAN
SUBJECT TO CHANGE

COMPUTER: B800570
DATE: 12-AUG-2025 13:53
FILE: 32395 Sheets Horiz Align_US_FT.dgn

PI STA 101+47.83
Δ = 27°09'41.19" (LT)
T = 48.31'
L = 94.81'
R = 200.00'
PC STA 100+99.52
PT STA 101+94.33



PI STA 102+44.79
Δ = 22°52'06.55" (RT)
T = 40.45'
L = 79.83'
R = 200.00'
PC STA 102+04.34
PT STA 102+84.16

Alignment Name:	Third Avenue		
Alignment Description:			
Alignment Style:	Alignment\S Road		
	Station	X	Y
Element: Linear			
START	100+00.00	2,660,709.31	814,060.75
PC	100+99.52	2,660,705.35	814,160.19
Tangential Direction:	357°43'11.41"		
Tangential Length:	99.52		
Element: Circular			
PC	100+99.52	2,660,705.35	814,160.19
HPI	101+47.83	2,660,703.43	814,208.46
CC		2,660,505.51	814,152.23
PT	101+94.33	2,660,679.68	814,250.54
Radius:	200		
Delta:	27°09'41.19"	Left	
Degree of Curvature (Arc):	28°38'52.40"		
Length:	94.81		
Tangent:	48.31		
Chord:	93.93		
Middle Ordinate:	5.59		
External:	5.75		
Tangent Direction:	357°43'11.41"		
Radial Direction:	87°43'11.41"		
Chord Direction:	344°08'20.82"		
Radial Direction:	60°33'30.22"		
Tangent Direction:	330°33'30.22"		
Element: Linear			
PT	101+94.33	2,660,679.68	814,250.54
PC	102+04.34	2,660,674.76	814,259.26
Tangential Direction:	330°33'30.22"		
Tangential Length:	10.01		
Element: Circular			
PC	102+04.34	2,660,674.76	814,259.26
HPI	102+44.79	2,660,654.88	814,294.48
CC		2,660,848.93	814,357.56
PT	102+84.16	2,660,650.25	814,334.67
Radius:	200		
Delta:	22°52'06.55"	Right	
Degree of Curvature (Arc):	28°38'52.40"		
Length:	79.83		
Tangent:	40.45		
Chord:	79.3		
Middle Ordinate:	3.97		
External:	4.05		
Tangent Direction:	330°33'30.22"		
Radial Direction:	60°33'30.22"		
Chord Direction:	341°59'33.49"		
Radial Direction:	83°25'36.77"		
Tangent Direction:	353°25'36.77"		
Element: Linear			
PT	102+84.16	2,660,650.25	814,334.67
END	103+46.17	2,660,643.15	814,396.27
Tangential Direction:	353°25'36.77"		
Tangential Length:	62		

BURNS & MCDONNELL
ENGINEERING COMPANY, INC.
1010 N. 102nd Street, Suite 200
Omaha, NE 68114
Office: 402-408-3013
Nebraska C.O.A. #CA-0621

F5

Project Number
51-7(109)

C.N. 32395

DECATUR BRIDGE

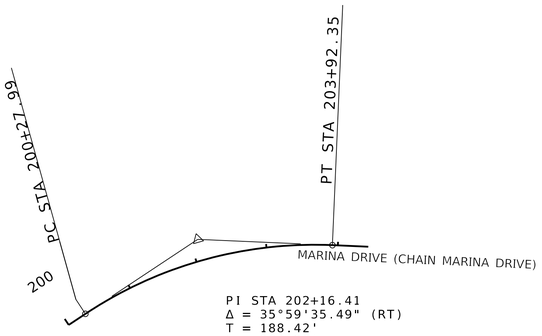
HORIZONTAL ALIGNMENT & ORIENTATION

NEBRASKA
Good Life. Great Journey.
DEPARTMENT OF TRANSPORTATION

Roadway Design Division
1500 Nebraska Parkway
Lincoln, NE 68502
Office: 402-479-4601

★ NOT FINAL ★
PRELIMINARY PLAN
SUBJECT TO CHANGE

FILE: 32395 Sheets Horiz Align_US_FT.dgn
DATE: 12-AUG-2025 13:53
COMPUTER: B800570



PI STA 202+16.41
Δ = 35°59'35.49" (RT)
T = 188.42'
L = 364.36'
R = 580.00'
PC STA 200+27.99
PT STA 203+92.35

Alignment Name:	Marina Drive		
Alignment Description:			
Alignment Style:	Alignment\S Road		
	Station	X	Y
Element: Linear			
START	200+00.00	2,660,658.98	814,294.97
PC	200+27.99	2,660,685.42	814,304.15
Tangential Direction:	70°50'55.86"		
Tangential Length:	27.99		
Element: Circular			
PC	200+27.99	2,660,685.42	814,304.15
HPI	202+16.41	2,660,863.41	814,365.96
CC		2,660,875.70	813,756.25
PT	203+92.35	2,661,043.74	814,311.37
Radius:	580		
Delta:	35°59'35.49"	Right	
Degree of Curvature (Arc):	9°52'42.90"		
Length:	364.36		
Tangent:	188.42		
Chord:	358.39		
Middle Ordinate:	28.38		
External:	29.84		
Tangent Direction:	70°50'55.86"		
Radial Direction:	160°50'55.86"		
Chord Direction:	88°50'43.61"		
Radial Direction:	196°50'31.36"		
Tangent Direction:	106°50'31.36"		
Element: Linear			
PT	203+92.35	2,661,043.74	814,311.37
END	204+42.49	2,661,091.73	814,296.85
Tangential Direction:	106°50'31.36"		
Tangential Length:	50.14		

BURNS & MCDONNELL
ENGINEERING COMPANY, INC.
1010 N. 102nd Street, Suite 200
Omaha, NE 68114
Office: 402-408-3013
Nebraska C.O.A. #CA-0621

F6

Project Number
51-7(109)

C.N. 32395

DECATUR BRIDGE

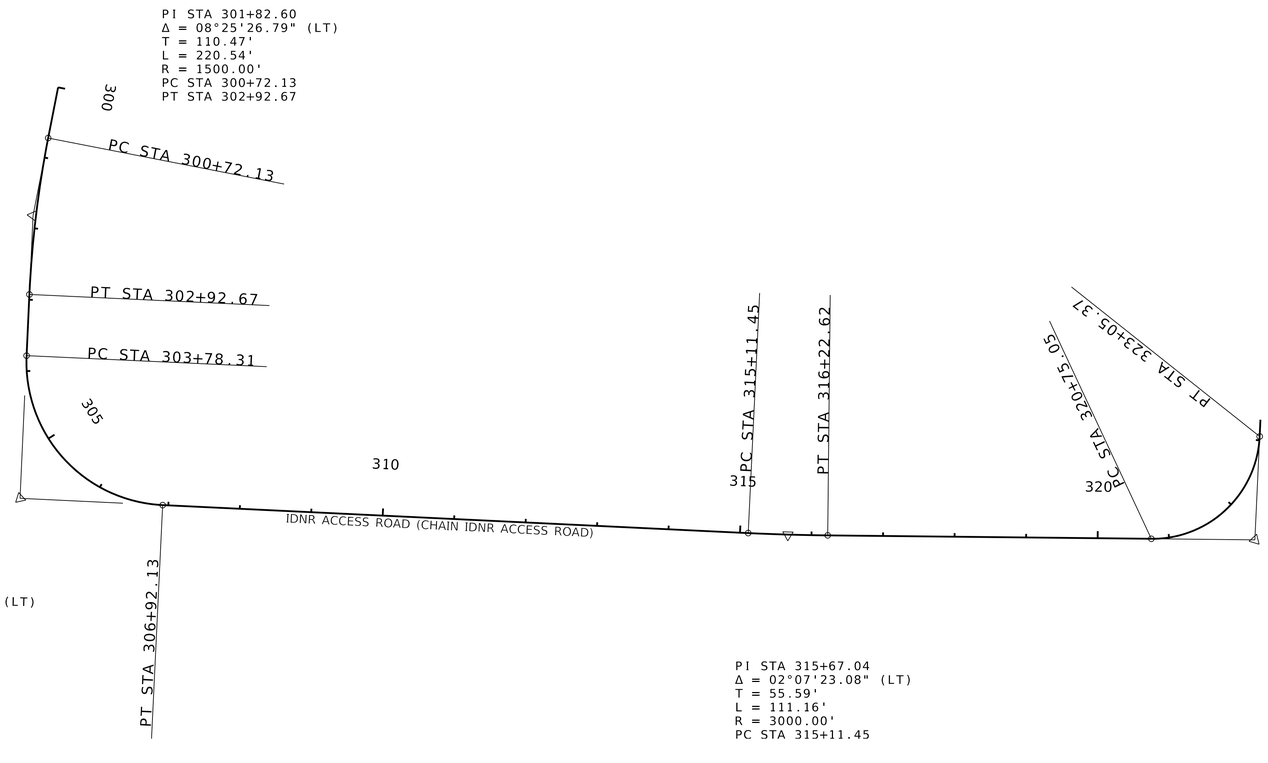
HORIZONTAL ALIGNMENT & ORIENTATION

NEBRASKA
Good Life. Great Journey.
DEPARTMENT OF TRANSPORTATION

Roadway Design Division
1500 Nebraska Parkway
Lincoln, NE 68502
Office: 402-479-4601

* NOT FINAL *
PRELIMINARY PLAN
SUBJECT TO CHANGE

FILE: 32395 Sheets Horiz Align_US_FT.dgn
DATE: 12-AUG-2025 13:53
COMPUTER: B800570



BURNS & MCDONNELL
ENGINEERING COMPANY, INC.
1010 N. 102nd Street, Suite 200
Omaha, NE 68114
Office: 402-408-3013
Nebraska C.O.A. #CA-0621

F7

Project Number
51-7(109)

C.N. 32395

DECATUR BRIDGE

HORIZONTAL ALIGNMENT & ORIENTATION

NEBRASKA
Good Life. Great Journey.
DEPARTMENT OF TRANSPORTATION

Roadway Design Division
1500 Nebraska Parkway
Lincoln, NE 68502
Office: 402-479-4601

* NOT FINAL *
PRELIMINARY PLAN
SUBJECT TO CHANGE

COMPUTER: B800570
DATE: 12-AUG-2025 13:53
FILE: 32395 Sheets Horiz Align_US_FT.dgn

Alignment Name:	IDNR ACCESS ROAD		
Alignment Description:			
Alignment Style:	Alignment\S Road		
	Station	X	Y
Element: Linear			
START	300+00.00	2,662,786.19	814,532.45
PC	300+72.13	2,662,762.51	814,464.31
Tangential Direction:	199°09'49.51"		
Tangential Length:	72.13		
Element: Circular			
PC	300+72.13	2,662,762.51	814,464.31
HPI	301+82.60	2,662,726.25	814,359.97
CC		2,664,179.39	813,971.91
PT	302+92.67	2,662,705.66	814,251.43
Radius:	1,500.00		
Delta:	8°25'26.79"	Left	
Degree of Curvature (Arc):	3°49'10.99"		
Length:	220.54		
Tangent:	110.47		
Chord:	220.34		
Middle Ordinate:	4.05		
External:	4.06		
Tangent Direction:	199°09'49.51"		
Radial Direction:	289°09'49.51"		
Chord Direction:	194°57'06.12"		
Radial Direction:	280°44'22.72"		
Tangent Direction:	190°44'22.72"		
Element: Linear			
PT	302+92.67	2,662,705.66	814,251.43
PC	303+78.31	2,662,689.70	814,167.29
Tangential Direction:	190°44'22.72"		
Tangential Length:	85.64		
Element: Circular			
PC	303+78.31	2,662,689.70	814,167.29
HPI	305+77.97	2,662,652.50	813,971.13
CC		2,662,886.20	814,130.02
PT	306+92.13	2,662,848.59	813,933.59
Radius:	200		
Delta:	89°54'04.19"	Left	
Degree of Curvature (Arc):	28°38'52.40"		
Length:	313.81		
Tangent:	199.66		
Chord:	282.6		
Middle Ordinate:	58.46		
External:	82.6		
Tangent Direction:	190°44'22.72"		
Radial Direction:	280°44'22.72"		
Chord Direction:	145°47'20.63"		
Radial Direction:	190°50'18.53"		
Tangent Direction:	100°50'18.53"		
Element: Linear			
PT	306+92.13	2,662,848.59	813,933.59
PC	315+11.45	2,663,653.30	813,779.52
Tangential Direction:	100°50'18.53"		
Tangential Length:	819.33		
Element: Circular			
PC	315+11.45	2,663,653.30	813,779.52
HPI	315+67.04	2,663,707.90	813,769.07
CC		2,664,217.42	816,726.01
PT	316+22.62	2,663,762.84	813,760.65
Radius:	3,000.00		
Delta:	2°07'23.08"	Left	
Degree of Curvature (Arc):	1°54'35.49"		
Length:	111.16		
Tangent:	55.59		
Chord:	111.16		
Middle Ordinate:	0.51		
External:	0.51		
Tangent Direction:	100°50'18.53"		
Radial Direction:	190°50'18.53"		
Chord Direction:	99°46'36.99"		
Radial Direction:	188°42'55.45"		
Tangent Direction:	98°42'55.45"		
Element: Linear			
PT	316+22.62	2,663,762.84	813,760.65
PC	320+75.05	2,664,210.05	813,692.09
Tangential Direction:	98°42'55.45"		
Tangential Length:	452.43		
Element: Circular			
PC	320+75.05	2,664,210.05	813,692.09
HPI	322+19.84	2,664,353.17	813,670.15
CC		2,664,232.78	813,840.36
PT	323+05.37	2,664,380.16	813,812.41
Radius:	150		
Delta:	87°58'32.73"	Left	
Degree of Curvature (Arc):	38°11'49.87"		
Length:	230.32		
Tangent:	144.79		
Chord:	208.35		
Middle Ordinate:	42.08		
External:	58.48		
Tangent Direction:	98°42'55.45"		
Radial Direction:	188°42'55.45"		
Chord Direction:	54°43'39.09"		
Radial Direction:	100°44'22.72"		
Tangent Direction:	10°44'22.72"		
Element: Linear			
PT	323+05.37	2,664,380.16	813,812.41
END	323+28.75	2,664,384.51	813,835.38
Tangential Direction:	10°44'22.72"		
Tangential Length:	23.38		

BURNS & MCDONNELL
ENGINEERING COMPANY, INC.
1010 N. 102nd Street, Suite 200
Omaha, NE 68114
Office: 402-408-3013
Nebraska C.O.A. #CA-0621

F8

Project Number
51-7(109)

C.N. 32395

DECATUR BRIDGE

HORIZONTAL ALIGNMENT & ORIENTATION

NEBRASKA
Good Life. Great Journey.
DEPARTMENT OF TRANSPORTATION

Roadway Design Division
1500 Nebraska Parkway
Lincoln, NE 68502
Office: 402-479-4601

* NOT FINAL *
PRELIMINARY PLAN
SUBJECT TO CHANGE

COMPUTER$$$$
DATE$$$$$$$$$$$$$$
DGNSPEC$$$$$$$$$$$

BURNS & MCDONNELL
ENGINEERING COMPANY, INC.
1010 N. 102nd Street, Suite 200
Omaha, NE 68114
Office: 402-408-3013
Nebraska C.O.A. #CA-0621

F9

Project Number
51-7(109)

C.N. 32395

DECATUR BRIDGE

DATUM INFORMATION

HORIZONTAL	VERTICAL
NAD 83 (1995)	NAVD 88

D.A.F. = 1.0003415

UNITS = US SURVEY FOOT

CONTROL POINT DATA						
CONTROL POINT	X	Y	Z	STATION	OFFSET	OBJECT USED FOR STATION
CP 148-908	2660132.875	811229.138	1066.907	Beyond Reference Limits	-	CONC. MONUMENT & ALUM. CAP
CP 149-909	2659203.759	815133.720	1117.202	Beyond Reference Limits	-	CONC. MONUMENT & ALUM. CAP
CP 150-910	2657023.869	819469.656	1103.154	Beyond Reference Limits	-	CONC. MONUMENT & ALUM. CAP

NOTE: CONTROL POINT INFORMATION AVAILABLE UPON REQUEST.

CONTROL POINT DATA

HORIZONTAL ALIGNMENT & ORIENTATION

NEBRASKA
Good Life. Great Journey.
DEPARTMENT OF TRANSPORTATION

Roadway Design Division
1500 Nebraska Parkway
Lincoln, NE 68502
Office: 402-479-4601

* NOT FINAL *
PRELIMINARY PLAN
SUBJECT TO CHANGE

FILE: 32395 Sheets Horiz Align_US_FT.dgn DATE: 12-AUG-2025 13:53 COMPUTER: B800570

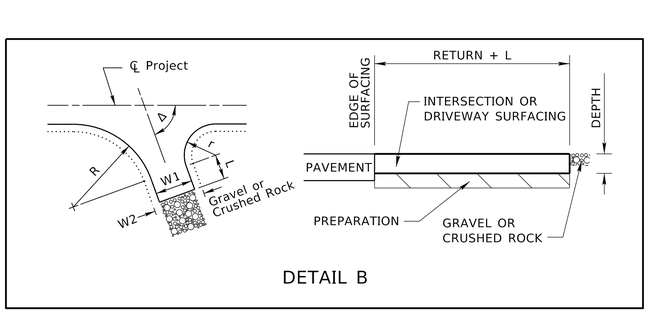
NOTES

- The locations of all aerial and underground utility facilities may not be indicated in these plans. Underground utilities, whether indicated or not will be located and flagged by the Utilities at the request of the Contractor.

  No excavation will be permitted in the area of underground utility facilities until all such facilities have been located and identified to the satisfaction of all parties. The excavation must be accomplished with extreme care in order to avoid any possibility of damage to the utility facility.

CULVERT PIPE LEGEND		
TYPE		DESCRIPTION
1	RCSP	Reinforced Concrete Sewer Pipe
2	RCP	Reinforced Concrete Pipe
3	GCCMP	Galvanized (zinc) Coated Corrugated Metal Pipe
4	ACCMP	Aluminum Coated Corrugated Metal Pipe
5	PCCMP	Polymer Coated Corrugated Metal Pipe
6	HDPE-CI	High Density Polyethylene (corrugated interior)
7	HDPE-SI	High Density Polyethylene (smooth interior)
8	PVC	Polyvinyl Chloride Pipe

BUILD EARTH DRIVE & SURFACE, SEE DETAIL B													
STATION	SIDE	R (ft.)	r (ft.)	W1 (ft.)	W2 (ft.)	L (ft.)	Δ (°)	SLOPE	CONCRETE DEPTH	CONCRETE (SY)	PREPARATION (SY)	GRAVEL (TON)	CRUSHED ROCK (TON)
2171+11	Lt.	20	20	24	26	35	90	10%	9"	166	166	*	20



DETAIL B

EARTHWORK						
STATION	TO	STATION	EXCAVATION (CU. YDS.)	EMBANKMENT (CU. YDS.)	BALANCE FACTOR	EXCAVATION BORROW (CU. YDS.)
2108+50	-	2124+50	16,001	114,519	1.4	160,327
2142+50	-	2188+00	113,568	102,244	1.4	143,142
100+00	-	103+18	56	461	1.4	645
301+00	-	313+12	4009	556	1.4	778
IDNR CHANNEL			16,620	0	1.4	0
TOTAL			150,254	217,780		304,892

EARTHWORK QUANTITIES FOR TEMPORARY SURFACING			
STATION	TO	STATION	EXCAVATION ESTABLISHED QUANTITIES (CU. YDS.)
2107+96	-	2117+00	1400
2166+43	-	2194+00	5000
TOTAL			6400

LEGEND

- GAS LINE
- ELECTRICAL SERVICE
- POWER LINE
- OVERHEAD POWER LINE
- SANITARY SEWER
- STORM SEWER
- TELEPHONE LINE
- FIBER OPTIC TELE. LINE
- OVERHEAD TELEPHONE LINE
- CABLE TV LINE
- OVERHEAD CABLE TV LINE
- WATER LINE
- FENCE - CHAIN LINK
- FENCE - R.O.W. OR WIRE
- FENCE - WOOD
- FLOWLINE
- CENTER LINE DRIVE
- BENCH MARK
- CENTER PIVOT
- CONTROL POINT
- CULVERT
- DIKE
- GAS METER
- GAS VALVE
- GRID TICK
- GUARDRAIL
- GUARD POST
- GUY POLE
- GUY WIRE
- LIGHT POLE
- MAILBOX
- MANHOLE
- MARSH
- OIL WELL
- PHOTO CODE POINT
- POWER BOX
- POWER POLE
- POWER PULL BOX
- PROPANE TANK
- R.O.W. MARKER
- ADVANCED R.R. WARNING SIGN
- RAILROAD WARNING
- RAILROAD TRACKS
- RETAINING WALL
- SATELLITE DISH
- SIGN
- TRAFFIC SIGNAL
- TRAFFIC SIGNAL/ST. LIGHT
- TELEPHONE BOX
- TELE. FIBER OPTICS BOX
- TELEPHONE PULL BOX
- TELEPHONE POLE
- TELEVISION BOX
- TRAVELED WAY
- TREE - CONIFEROUS
- TREE - DECIDUOUS
- TREE STUMP
- WATER (FIRE) HYDRANT
- WATER VALVE
- WATER METER
- WELL
- WINDMILL

BURNS & MCDONNELL ENGINEERING COMPANY, INC.
1010 N. 102nd Street, Suite 200
Omaha, NE 68114
Office: 402-408-3013
Nebraska C.O.A. #CA-0621

G1

Project Number 51-7(109)

C.N. 32395

DECATUR BRIDGE

GENERAL INFORMATION

NEBRASKA
Good Life. Great Journey.
DEPARTMENT OF TRANSPORTATION

Roadway Design Division
1500 Nebraska Parkway
Lincoln, NE 68502
Office: 402-479-4601

★ NOT FINAL ★
PRELIMINARY PLAN
SUBJECT TO CHANGE

COMPUTER: B800570
DATE: 12-AUG-2025 13:53
FILE: 32395 Sheets General Info_US_FT.dgn

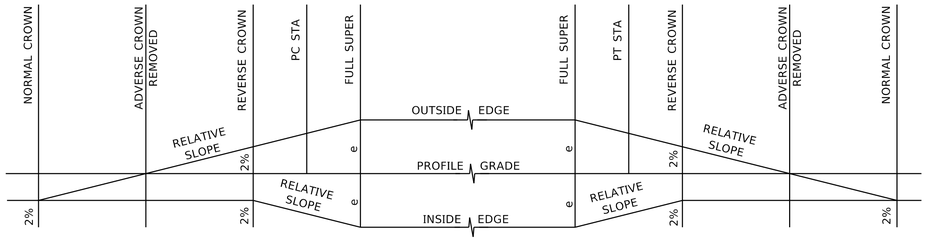
BURNS & MCDONNELL
ENGINEERING COMPANY, INC.
1010 N. 102nd Street, Suite 200
Omaha, NE 68114
Office: 402-408-3013
Nebraska C.O.A. #CA-0621

G2

Project Number
51-7(109)

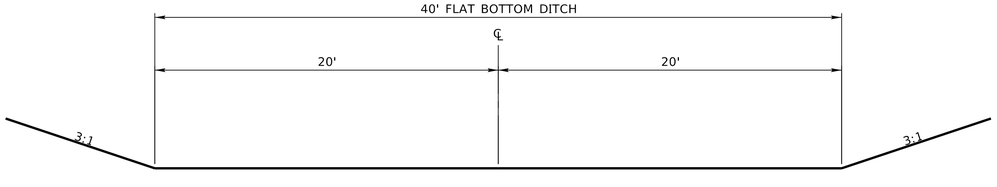
C.N. 32395

DECATUR BRIDGE



SUPERELEVATION													
P.I. STATION	RADIUS OF CURVE	SUPERELEVATION e %	RELATIVE SLOPE	NORMAL CROWN STATION	ADVERSE CROWN REMOVED STATION	REVERSE CROWN STATION	P.C. STATION	FULL SUPER STATION	FULL SUPER STATION	P.T. STATION	REVERSE CROWN STATION	ADVERSE CROWN REMOVED STATION	NORMAL CROWN STATION
2119+20.77	1400.0'	3.3	1:50	2116+12	2116+56	2117+00	2117+07.63	2117+29	2121+10	2121+30.66	2121+39	2121+83	2122+27
2162+75.94	2000.0'	5.4	1:50	2152+36	2152+89	2153+42	2153+89.28	2154+33	2170+15	2170+58.46	2171+06	2171+60	2160+13

SUPERELEVATION DIAGRAM



IDNR CHANNEL CROSS SECTION

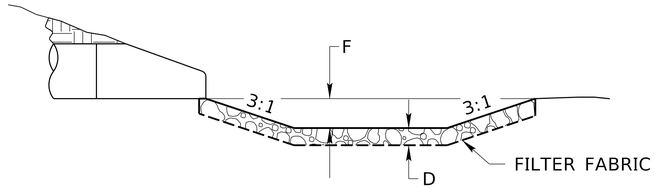
GENERAL INFORMATION

NEBRASKA
Good Life. Great Journey.
DEPARTMENT OF TRANSPORTATION

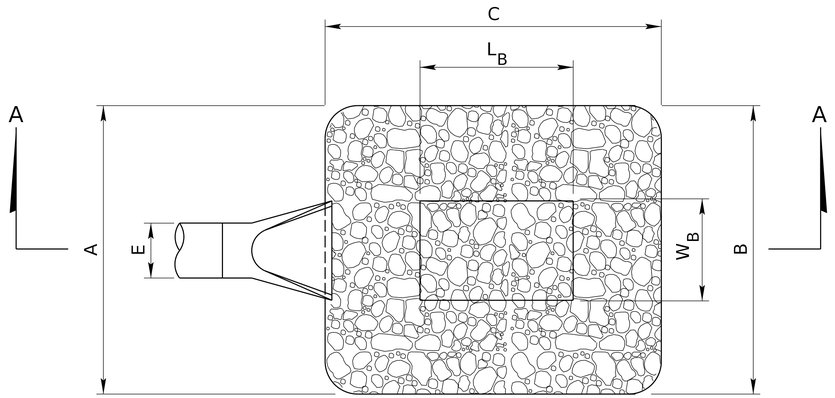
Roadway Design Division
1500 Nebraska Parkway
Lincoln, NE 68502
Office: 402-479-4601

★ NOT FINAL ★
PRELIMINARY PLAN
SUBJECT TO CHANGE

COMPUTER: B800570
DATE: 12-AUG-2025 13:53
FILE: 32395 Sheets General Info_US_FT.dgn



SECTION A-A



PLAN

DETAIL OF ROCK RIPRAP SCOUR HOLE

BUILD ROCK RIPRAP SCOUR HOLE											
STATION	A	B	C	D	E	F	W_B	L_B	TONS	RIPRAP TYPE	FILTER FABRIC SQ. YDS.
2116+12	36'	36'	40'	3.75'	6'	4'	12'	16'	270	C	160'

BURNS & MCDONNELL
ENGINEERING COMPANY, INC.
1010 N. 102nd Street, Suite 200
Omaha, NE 68114
Office: 402-408-3013
Nebraska C.O.A. #CA-0621

G3

Project Number
51-7(109)

C.N. 32395

DECATUR BRIDGE

GENERAL INFORMATION

NEBRASKA
Good Life. Great Journey.
DEPARTMENT OF TRANSPORTATION

Roadway Design Division
1500 Nebraska Parkway
Lincoln, NE 68502
Office: 402-479-4601

★ NOT FINAL ★
PRELIMINARY PLAN
SUBJECT TO CHANGE

FILE: 32395 Sheets General Info_US_FT.dgn
DATE: 12-AUG-2025 13:53
COMPUTER: B800570

PHASE 1 NOTES:

CONSTRUCT TEMPORARY SURFACING AND APPROACH PAVEMENT SECTION AS SHOWN.

EASTBOUND AND WESTBOUND TRAFFIC WOULD BE MAINTAINED ON EXISTING PAVEMENT.

SEC. 35-T24N-R10E

DECATUR

SEC. 36-T24N-R10E

FOURTH AVENUE

6TH STREET

BROADWAY STREET

2100

2105

2110

2115

2120

2125

2130

2135

2140

2145

HWY. N-51

MARINA DRIVE

300

305

310

315

IDNR ACCESS ROAD

100

8TH STREET

3RD AVENUE

MISSOURI RIVER

SEC. 2-T23N-R10E

SEC. 1-T23N-R10E

BUILD TEMPORARY SURFACING

STATION	TO	STATION	SIDE	SQ. YDS.
2107+96	-	2117+00	Rt.	777

BURNS & MCDONNELL ENGINEERING COMPANY, INC.

1010 N. 102nd Street, Suite 200
Omaha, NE 68114
Office: 402-408-3013
Nebraska C.O.A. #CA-0621

H1

Project Number
51-7(109)

C.N. 32395

DECATUR BRIDGE

LEGEND

- BUILD TEMPORARY PAVEMENT
- BUILD CONCRETE PAVEMENT / BRIDGE
- COMPLETED TEMPORARY PAVEMENT
- COMPLETED CONCRETE PAVEMENT / BRIDGE
- TRAFFIC FLOW
- CONCRETE BARRIER

PHASE 1
PHASING

NEBRASKA
Good Life. Great Journey.
DEPARTMENT OF TRANSPORTATION

Roadway Design Division
1500 Nebraska Parkway
Lincoln, NE 68502
Office: 402-479-4601

* NOT FINAL *
PRELIMINARY PLAN
SUBJECT TO CHANGE

COMPUTER: B800570

DATE: 12-AUG-2025 13:54

FILE: 32395 Sheets Phasing_US_FT.dgn

BURNS & MCDONNELL
ENGINEERING COMPANY, INC.
1010 N. 102nd Street, Suite 200
Omaha, NE 68114
Office: 402-408-3013
Nebraska C.O.A. #CA-0621

SEC. 36-T24N-R10E

SEC. 31-T24N-R11E

2145 2150 2155 2160 2165 2170 2175 2180 2185 2190

320

IDNR ACCESS ROAD

HWY. IA-175

SEC. 1-T23N-R10E

SEC. 6-T23N-R11E

SEC. 31-T24N-R11E

BUILD TEMPORARY SURFACING

STATION	TO	STATION	SIDE	SQ. YDS.
2166+43	-	2194+00	Rt.	5836

COMPUTER: B800570

DATE: 12-AUG-2025 13:54

FILE: 32395 Sheets Phasing_US_FT.dgn

H2

Project Number
51-7(109)

C.N. 32395

DECATUR BRIDGE

LEGEND

- BUILD TEMPORARY PAVEMENT
- BUILD CONCRETE PAVEMENT / BRIDGE
- COMPLETED TEMPORARY PAVEMENT
- COMPLETED CONCRETE PAVEMENT / BRIDGE
- TRAFFIC FLOW
- CONCRETE BARRIER

PHASE 1
PHASING

NEBRASKA
Good Life. Great Journey.
DEPARTMENT OF TRANSPORTATION

Roadway Design Division
1500 Nebraska Parkway
Lincoln, NE 68502
Office: 402-479-4601

★ NOT FINAL ★
PRELIMINARY PLAN
SUBJECT TO CHANGE

PHASE 2 NOTES:

CONSTRUCT WESTBOUND SHOULDER AND LANE.

EASTBOUND AND WESTBOUND TRAFFIC WILL BE MAINTAINED ON EXISTING PAVEMENT AND TEMPORARY PAVEMENT.

SEC. 35-T24N-R10E

DECATUR

SEC. 36-T24N-R10E

SEC. 2-T23N-R10E

SEC. 1-T23N-R10E

FOURTH AVENUE

6TH STREET

BROADWAY STREET

8TH STREET

3RD AVENUE

HWY. N-51

MARINA DRIVE

IDNR ACCESS ROAD

MISSOURI RIVER

2100 2105 2110 2115 2120 2125 2130 2135 2140 2145

100 300 305 310 315

BURNS & MCDONNELL ENGINEERING COMPANY, INC.

1010 N. 102nd Street, Suite 200
Omaha, NE 68114
Office: 402-408-3013
Nebraska C.O.A. #CA-0621

H3

Project Number
51-7(109)

C.N. 32395

DECATUR BRIDGE

LEGEND

- BUILD TEMPORARY PAVEMENT
- BUILD CONCRETE PAVEMENT / BRIDGE
- COMPLETED TEMPORARY PAVEMENT
- COMPLETED CONCRETE PAVEMENT / BRIDGE
- TRAFFIC FLOW
- CONCRETE BARRIER

PHASE 2
PHASING

NEBRASKA
Good Life. Great Journey.
DEPARTMENT OF TRANSPORTATION

Roadway Design Division
1500 Nebraska Parkway
Lincoln, NE 68502
Office: 402-479-4601

* NOT FINAL *
PRELIMINARY PLAN
SUBJECT TO CHANGE

FILE: 32395 Sheets Phasing_US_FT.dgn
DATE: 12-AUG-2025 13:54
COMPUTER: B800570

BURNS & MCDONNELL
ENGINEERING COMPANY, INC.
1010 N. 102nd Street, Suite 200
Omaha, NE 68114
Office: 402-408-3013
Nebraska C.O.A. #CA-0621

H4

Project Number
51-7(109)

C.N. 32395

DECATUR BRIDGE

LEGEND

- BUILD TEMPORARY PAVEMENT
- BUILD CONCRETE PAVEMENT / BRIDGE
- COMPLETED TEMPORARY PAVEMENT
- COMPLETED CONCRETE PAVEMENT / BRIDGE
- TRAFFIC FLOW
- CONCRETE BARRIER

SEC. 36-T24N-R10E

SEC. 31-T24N-R11E

SEC. 1-T23N-R10E

SEC. 6-T23N-R11E

2145
2150
2155
2160
2165
2170
2175
2180
2185
2190

320

IDNR ACCESS ROAD

HWY. IA-175

PHASE 2
PHASING

NEBRASKA
Good Life. Great Journey.
DEPARTMENT OF TRANSPORTATION

Roadway Design Division
1500 Nebraska Parkway
Lincoln, NE 68502
Office: 402-479-4601

★ NOT FINAL ★
PRELIMINARY PLAN
SUBJECT TO CHANGE

COMPUTER: B800570
DATE: 12-AUG-2025 13:54
FILE: 32395 Sheets Phasing_US_FT.dgn

PHASE 3 NOTES:

CONSTRUCT EASTBOUND SHOULDER AND LANE.

EASTBOUND TRAFFIC WILL BE MAINTAINED ON EXISTING PAVEMENT.

WESTBOUND TRAFFIC WILL BE MAINTAINED ON NEWLY CONSTRUCTED WESTBOUND LANE AND TEMPORARY PAVEMENT.

SEC. 35-T24N-R10E

DECATUR

SEC. 36-T24N-R10E

SEC. 2-T23N-R10E

SEC. 1-T23N-R10E

FOURTH AVENUE

6TH STREET

BROADWAY STREET

8TH STREET

3RD AVENUE

HWY. N-51

MARINA DRIVE

IDNR ACCESS ROAD

MISSOURI RIVER

2100 2105 2110 2115 2120 2125 2130 2135 2140 2145

100 300 305 310 315

BURNS & MCDONNELL ENGINEERING COMPANY, INC.

1010 N. 102nd Street, Suite 200
Omaha, NE 68114
Office: 402-408-3013
Nebraska C.O.A. #CA-0621

H5

Project Number
51-7(109)

C.N. 32395

DECATUR BRIDGE

LEGEND

- BUILD TEMPORARY PAVEMENT
- BUILD CONCRETE PAVEMENT / BRIDGE
- COMPLETED TEMPORARY PAVEMENT
- COMPLETED CONCRETE PAVEMENT / BRIDGE
- TRAFFIC FLOW
- CONCRETE BARRIER

PHASE 3
PHASING

NEBRASKA
Good Life. Great Journey.
DEPARTMENT OF TRANSPORTATION

Roadway Design Division
1500 Nebraska Parkway
Lincoln, NE 68502
Office: 402-479-4601

* NOT FINAL *
PRELIMINARY PLAN
SUBJECT TO CHANGE

FILE: 32395 Sheets Phasing_U5_FT.dgn
DATE: 12-AUG-2025 13:54
COMPUTER: B800570

BURNS & MCDONNELL
ENGINEERING COMPANY, INC.
1010 N. 102nd Street, Suite 200
Omaha, NE 68114
Office: 402-408-3013
Nebraska C.O.A. #CA-0621

H6

Project Number
51-7(109)

C.N. 32395

DECATUR BRIDGE

LEGEND

- BUILD TEMPORARY PAVEMENT
- BUILD CONCRETE PAVEMENT / BRIDGE
- COMPLETED TEMPORARY PAVEMENT
- COMPLETED CONCRETE PAVEMENT / BRIDGE
- TRAFFIC FLOW
- CONCRETE BARRIER

SEC. 36-T24N-R10E

SEC. 31-T24N-R11E

SEC. 1-T23N-R10E

SEC. 6-T23N-R11E

2145
2150
2155
2160
2165
2170
2175
2180
2185
2190

320

IDNR ACCESS ROAD

HWY. IA-175

PHASE 3
PHASING

NEBRASKA
Good Life. Great Journey.
DEPARTMENT OF TRANSPORTATION

Roadway Design Division
1500 Nebraska Parkway
Lincoln, NE 68502
Office: 402-479-4601

★ NOT FINAL ★
PRELIMINARY PLAN
SUBJECT TO CHANGE

COMPUTER: B800570
DATE: 12-AUG-2025 13:54
FILE: 32395 Sheets Phasing_US_FT.dgn

PHASE 4 NOTES:

CONSTRUCT EASTBOUND SHOULDER APPROACH.

EASTBOUND AND WESTBOUND TRAFFIC WILL BE MAINTAINED ON NEWLY CONSTRUCTED PAVEMENT.

SEC. 35-T24N-R10E

DECATUR

SEC. 36-T24N-R10E

SEC. 2-T23N-R10E

SEC. 1-T23N-R10E

FOURTH AVENUE

BROADWAY STREET

6TH STREET

8TH STREET

3RD AVENUE

HWY. N-51

MARINA DRIVE

IDNR ACCESS ROAD

MISSOURI RIVER

2100 2105 2110 2115 2120 2125 2130 2135 2140 2145

300 305 310 315

100

BURNS & MCDONNELL ENGINEERING COMPANY, INC.

1010 N. 102nd Street, Suite 200
Omaha, NE 68114
Office: 402-408-3013
Nebraska C.O.A. #CA-0621

H7

Project Number
51-7(109)

C.N. 32395

DECATUR BRIDGE

LEGEND

- BUILD TEMPORARY PAVEMENT
- BUILD CONCRETE PAVEMENT / BRIDGE
- COMPLETED TEMPORARY PAVEMENT
- COMPLETED CONCRETE PAVEMENT / BRIDGE
- TRAFFIC FLOW
- CONCRETE BARRIER

PHASE 4
PHASING

NEBRASKA
Good Life. Great Journey.
DEPARTMENT OF TRANSPORTATION

Roadway Design Division
1500 Nebraska Parkway
Lincoln, NE 68502
Office: 402-479-4601

* NOT FINAL *
PRELIMINARY PLAN
SUBJECT TO CHANGE

FILE: 32395 Sheets Phasing_US_FT.dgn
DATE: 12-AUG-2025 13:54
COMPUTER: B800570

BURNS & MCDONNELL
ENGINEERING COMPANY, INC.
1010 N. 102nd Street, Suite 200
Omaha, NE 68114
Office: 402-408-3013
Nebraska C.O.A. #CA-0621

H8

Project Number
51-7(109)

C.N. 32395

DECATUR BRIDGE

LEGEND

- BUILD TEMPORARY PAVEMENT
- BUILD CONCRETE PAVEMENT / BRIDGE
- COMPLETED TEMPORARY PAVEMENT
- COMPLETED CONCRETE PAVEMENT / BRIDGE
- TRAFFIC FLOW
- CONCRETE BARRIER

SEC. 36-T24N-R10E

SEC. 31-T24N-R11E

2145

2150

2155

2160

2165

2170

2175

2180

2185

2190

320

IDNR ACCESS ROAD

HWY. IA-175

SEC. 1-T23N-R10E

SEC. 6-T23N-R11E

SEC. 31-T24N-R11E

PHASE 4
PHASING

NEBRASKA
Good Life. Great Journey.
DEPARTMENT OF TRANSPORTATION

Roadway Design Division
1500 Nebraska Parkway
Lincoln, NE 68502
Office: 402-479-4601

★ NOT FINAL ★
PRELIMINARY PLAN
SUBJECT TO CHANGE

COMPUTER: B800570
DATE: 12-AUG-2025 13:54
FILE: 32395 Sheets Phasing_US_FT.dgn

BURNS & MCDONNELL
ENGINEERING COMPANY, INC.
1010 N. 102nd Street, Suite 200
Omaha, NE 68114
Office: 402-408-3013
Nebraska C.O.A. #CA-0621

J1

Project Number
51-7(109)

C.N. 32395

DECATUR BRIDGE

REMOVE SEWER PIPE		
STATION TO STATION	SIDE	SIZE
2110+70	Lt./Rt.	22" x 43'
2110+70 - 2111+50	Rt.	72" x 134'

REMOVE INLET		
STATION	SIDE	EACH
2110+70	Lt.	1
2110+70	Rt.	1

DECATUR

BROADWAY STREET

SEC. 36-T24N-R10E

2106 2107 2108 2109 2110 2111

HWY. N-51

SEC. 36-T24N-R10E

(A) BUILD STORM SEWER PIPE			
NO.	STATION TO STATION	SIDE	DESCRIPTION
1	2110+55 - 2113+66	Rt.	72" x 260' Arch Pipe Type 1. Manhole B2 to Curb Inlet A1. Fill = _'.
2	2110+55	Lt./Rt.	15" x 44' Type 1, 7, or 8. Curb Inlet A1 to Curb Inlet A2 Fill = _'.

(A) BUILD CURB INLET, SPECIAL PLAN U_					
NO.	STATION	SIDE	X	A	Y
1	2110+55	Rt.	8'-0"	9'-3"	12'-0"

(A) BUILD CURB INLET, PLAN 443					
NO.	STATION	SIDE	X	A	Y
2	2110+55	Lt.	4'-9"	2'-8"	12'-0"

DRAINAGE

NEBRASKA
Good Life. Great Journey.
DEPARTMENT OF TRANSPORTATION

Roadway Design Division
1500 Nebraska Parkway
Lincoln, NE 68502
Office: 402-479-4601

★ NOT FINAL ★
PRELIMINARY PLAN
SUBJECT TO CHANGE

COMPUTER: B800570
DATE: 12-AUG-2025 13:54
FILE: 32395 Sheets Drainage_US_FT.dgn

BURNS & MCDONNELL
ENGINEERING COMPANY, INC.
1010 N. 102nd Street, Suite 200
Omaha, NE 68114
Office: 402-408-3013
Nebraska C.O.A. #CA-0621

J2

Project Number
51-7(109)

C.N. 32395

DECATUR BRIDGE

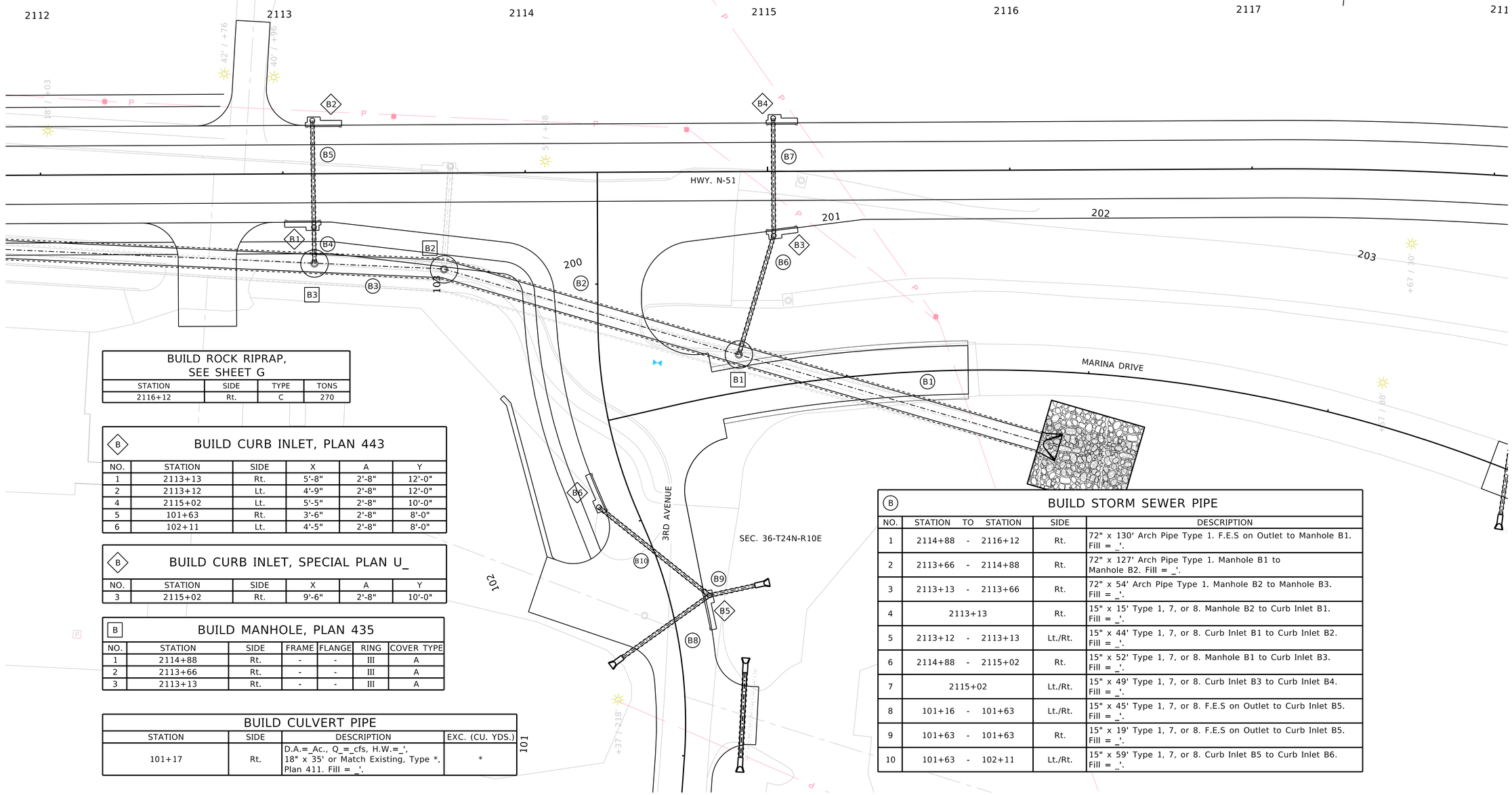
REMOVE SEWER PIPE				
STATION	TO	STATION	SIDE	SIZE
2113+66	-	2113+69	Lt./Rt.	22" x 43'
2111+50	-	2116+25	Rt.	72" x 449'
2113+13	-	2115+08	Rt.	18" x 31'
2115+14	-	2115+14	Rt./Lt.	18" x 40'

REMOVE INLET		
STATION	SIDE	EACH
2113+66	Rt.	1
2113+69	Lt.	1
2115+08	Rt.	1
2115+14	Rt.	1

REMOVE CULVERT PIPE				
STATION	TO	STATION	SIDE	DESCRIPTION	EXC. (CU. YDS.)
101+00	-	101+33	Rt.	18" x 39' Culvert Pipe	*

DECATUR

SEC. 36-T24N-R10E



BUILD ROCK RIPRAP, SEE SHEET G			
STATION	SIDE	TYPE	TONS
2116+12	Rt.	C	270

B	BUILD CURB INLET, PLAN 443				
NO.	STATION	SIDE	X	A	Y
1	2113+13	Rt.	5'-8"	2'-8"	12'-0"
2	2113+12	Lt.	4'-9"	2'-8"	12'-0"
4	2115+02	Lt.	5'-5"	2'-8"	10'-0"
5	101+63	Rt.	3'-6"	2'-8"	8'-0"
6	102+11	Lt.	4'-5"	2'-8"	8'-0"

B	BUILD CURB INLET, SPECIAL PLAN U_				
NO.	STATION	SIDE	X	A	Y
3	2115+02	Rt.	9'-6"	2'-8"	10'-0"

B	BUILD MANHOLE, PLAN 435					
NO.	STATION	SIDE	FRAME	FLANGE	RING	COVER TYPE
1	2114+88	Rt.	-	-	III	A
2	2113+66	Rt.	-	-	III	A
3	2113+13	Rt.	-	-	III	A

BUILD CULVERT PIPE			
STATION	SIDE	DESCRIPTION	EXC. (CU. YDS.)
101+17	Rt.	D.A.=_Ac., Q_=_cfs, H.W.=_', 18" x 35' or Match Existing, Type *, Plan 411. Fill = _'.	*

B	BUILD STORM SEWER PIPE			
NO.	STATION	TO STATION	SIDE	DESCRIPTION
1	2114+88	- 2116+12	Rt.	72" x 130' Arch Pipe Type 1. F.E.S on Outlet to Manhole B1. Fill = _'.
2	2113+66	- 2114+88	Rt.	72" x 127' Arch Pipe Type 1. Manhole B1 to Manhole B2. Fill = _'.
3	2113+13	- 2113+66	Rt.	72" x 54' Arch Pipe Type 1. Manhole B2 to Manhole B3. Fill = _'.
4	2113+13		Rt.	15" x 15' Type 1, 7, or 8. Manhole B2 to Curb Inlet B1. Fill = _'.
5	2113+12	- 2113+13	Lt./Rt.	15" x 44' Type 1, 7, or 8. Curb Inlet B1 to Curb Inlet B2. Fill = _'.
6	2114+88	- 2115+02	Rt.	15" x 52' Type 1, 7, or 8. Manhole B1 to Curb Inlet B3. Fill = _'.
7	2115+02		Lt./Rt.	15" x 49' Type 1, 7, or 8. Curb Inlet B3 to Curb Inlet B4. Fill = _'.
8	101+16	- 101+63	Lt./Rt.	15" x 45' Type 1, 7, or 8. F.E.S on Outlet to Curb Inlet B5. Fill = _'.
9	101+63	- 101+63	Rt.	15" x 19' Type 1, 7, or 8. F.E.S on Outlet to Curb Inlet B5. Fill = _'.
10	101+63	- 102+11	Lt./Rt.	15" x 59' Type 1, 7, or 8. Curb Inlet B5 to Curb Inlet B6. Fill = _'.

DRAINAGE

NEBRASKA
Good Life. Great Journey.
DEPARTMENT OF TRANSPORTATION

Roadway Design Division
1500 Nebraska Parkway
Lincoln, NE 68502
Office: 402-479-4601

* NOT FINAL *
PRELIMINARY PLAN
SUBJECT TO CHANGE

COMPUTER: B800570
DATE: 12-AUG-2025 13:54
FILE: 32395 Sheets Drainage_US_FT.dgn

BURNS & MCDONNELL
ENGINEERING COMPANY, INC.
1010 N. 102nd Street, Suite 200
Omaha, NE 68114
Office: 402-408-3013
Nebraska C.O.A. #CA-0621

J3

Project Number
51-7(109)

C.N. 32395

DECATUR BRIDGE

REMOVE INLET		
STATION	SIDE	EACH
2118+24	Rt.	2
2120+32	Rt.	2

REMOVE SEWER PIPE				
STATION	TO	STATION	SIDE	SIZE
2118+11	-	2118+24	Lt./Rt.	18" x 75'
2120+19	-	2120+32	Rt.	18" x 98'

DECATUR

SEC. 36-T24N-R10E

2119 2120 2121 2122 2123 2124

8

HWY. N-51

C1 C2

204

+69 / 57' Lt

+56 / 63' Lt

+56 / 156' Lt

SEC. 36-T24N-R10E

MARINA DRIVE

+29 / 179' Lt

C	BUILD STORM SEWER PIPE				
NO.	STATION	TO	STATION	SIDE	DESCRIPTION
1	2118+12	-	2118+21	Rt.	15" x 130' Type 1, 7, or 8. F.E.S. on Outlet to Curb Inlet C1. Fill = _'.
2	2121+01	-	2121+23	Rt.	15" x 196' Type 1, 7, or 8. F.E.S. on Outlet to Curb Inlet C2. Fill = _'.

C	BUILD CURB INLET, PLAN 443				
NO.	STATION	SIDE	X	A	Y
1	2118+21	Rt.	4'-7"	2'-8"	10'-0"
2	2121+01	Rt.	4'-6"	2'-8"	12'-0"

DRAINAGE

NEBRASKA
Good Life. Great Journey.
DEPARTMENT OF TRANSPORTATION

Roadway Design Division
1500 Nebraska Parkway
Lincoln, NE 68502
Office: 402-479-4601

* NOT FINAL *
PRELIMINARY PLAN
SUBJECT TO CHANGE

COMPUTER: B800570
DATE: 12-AUG-2025 13:54
FILE: 32395 Sheets Drainage_US_FT.dgn

BURNS & MCDONNELL
ENGINEERING COMPANY, INC.
1010 N. 102nd Street, Suite 200
Omaha, NE 68114
Office: 402-408-3013
Nebraska C.O.A. #CA-0621

J4

Project Number
51-7(109)

C.N. 32395

DECATUR BRIDGE

REMOVE INLET		
STATION	SIDE	EACH
2125+10	Rt.	2

REMOVE CULVERT PIPE				
STATION	TO	STATION	SIDE	DESCRIPTION	EXC. (CU. YDS.)
2125+10	-	2125+72	Rt.	24" x 64' Culvert Pipe	*

DECATUR

SEC. 36-T24N-R10E

MARINA DRIVE

2124 2125 2126 2127 2128 2129 2130

HWY. N-51

D1 D1

SEC. 36-T24N-R10E

MISSOURI RIVER

(D) BUILD STORM SEWER PIPE				
NO.	STATION	TO	STATION	SIDE	DESCRIPTION
1	2125+07	-	2125+67	Rt.	24" x 55' Type 1, 7, or 8. F.E.S. on Outlet to Area Inlet D1. Fill = _'.

(D) BUILD AREA INLET, PLAN 438					
NO.	STATION	SIDE	X	Y x Y1	GRATE TYPE
1	2125+07	Rt.	4'-10"	3'-0"	A

DRAINAGE

NEBRASKA
Good Life. Great Journey.
DEPARTMENT OF TRANSPORTATION

Roadway Design Division
1500 Nebraska Parkway
Lincoln, NE 68502
Office: 402-479-4601

★ NOT FINAL ★
PRELIMINARY PLAN
SUBJECT TO CHANGE

COMPUTER: B800570
DATE: 12-AUG-2025 13:54
FILE: 32395 Sheets Drainage_US_FT.dgn

REMOVE DRIVEWAY				
STATION	TO	STATION	SIDE	SQ. YDS.
2107+95	-	2108+41	Rt.	47
2108+64	-	2109+34	Rt.	89
2109+05	-	2109+35	Lt.	35
2109+49	-	2109+84	Rt.	44
2110+75	-	2111+11	Lt.	58
2111+04	-	2111+51	Rt.	72

REMOVE WALK				
STATION	TO	STATION	SIDE	SQ. YDS.
2108+84	-	2109+16	Lt.	18
2109+19	-	2109+58	Rt.	20
2109+26	-	2110+80	Lt.	83
2109+74	-	2111+14	Rt.	75
2111+01	-	2112+00	Lt.	53
2111+41	-	2112+00	Rt.	30

REMOVE PAVEMENT				
STATION	TO	STATION	SIDE	SQ. YDS.
2107+95	-	2112+00	Lt./Rt.	1318

REMOVE CONCRETE MEDIAN SURFACING				
STATION	TO	STATION	SIDE	SQ. YDS.
2108+36	-	2108+74	Rt.	51

DECATUR

SEC. 36-T24N-R10E

2106 2107 2108 2109 2110 2111 2112

HWY. N-51

BROADWAY STREET

SEC. 36-T24N-R10E

BURNS & MCDONNELL ENGINEERING COMPANY, INC.

1010 N. 102nd Street, Suite 200
Omaha, NE 68114
Office: 402-408-3013
Nebraska C.O.A. #CA-0621

J5

Project Number
51-7(109)

C.N. 32395

DECATUR BRIDGE

LEGEND

- REMOVE ASPHALT SURFACE
- REMOVE PAVEMENT
- REMOVE CONCRETE MEDIAN SURFACING
- REMOVE DRIVEWAY
- REMOVE WALK
- REMOVE CURB AND GUTTER

REMOVAL

NEBRASKA
Good Life. Great Journey.
DEPARTMENT OF TRANSPORTATION

Roadway Design Division
1500 Nebraska Parkway
Lincoln, NE 68502
Office: 402-479-4601

NOT FINAL
PRELIMINARY PLAN
SUBJECT TO CHANGE

COMPUTER: B800570
DATE: 12-AUG-2025 13:54
FILE: 32395 Sheets Removal_US_FT.dgn

REMOVE WALK

STATION	TO	STATION	SIDE	SQ. YDS.
2112+00	-	2112+52	Rt.	27
2112+00	-	2112+78	Lt.	43
2112+86	-	2114+59	Rt.	113

REMOVE DRIVEWAY

STATION	TO	STATION	SIDE	SQ. YDS.
2112+34	-	2112+96	Rt.	124
2112+67	-	2113+00	Lt.	97

REMOVE PAVEMENT

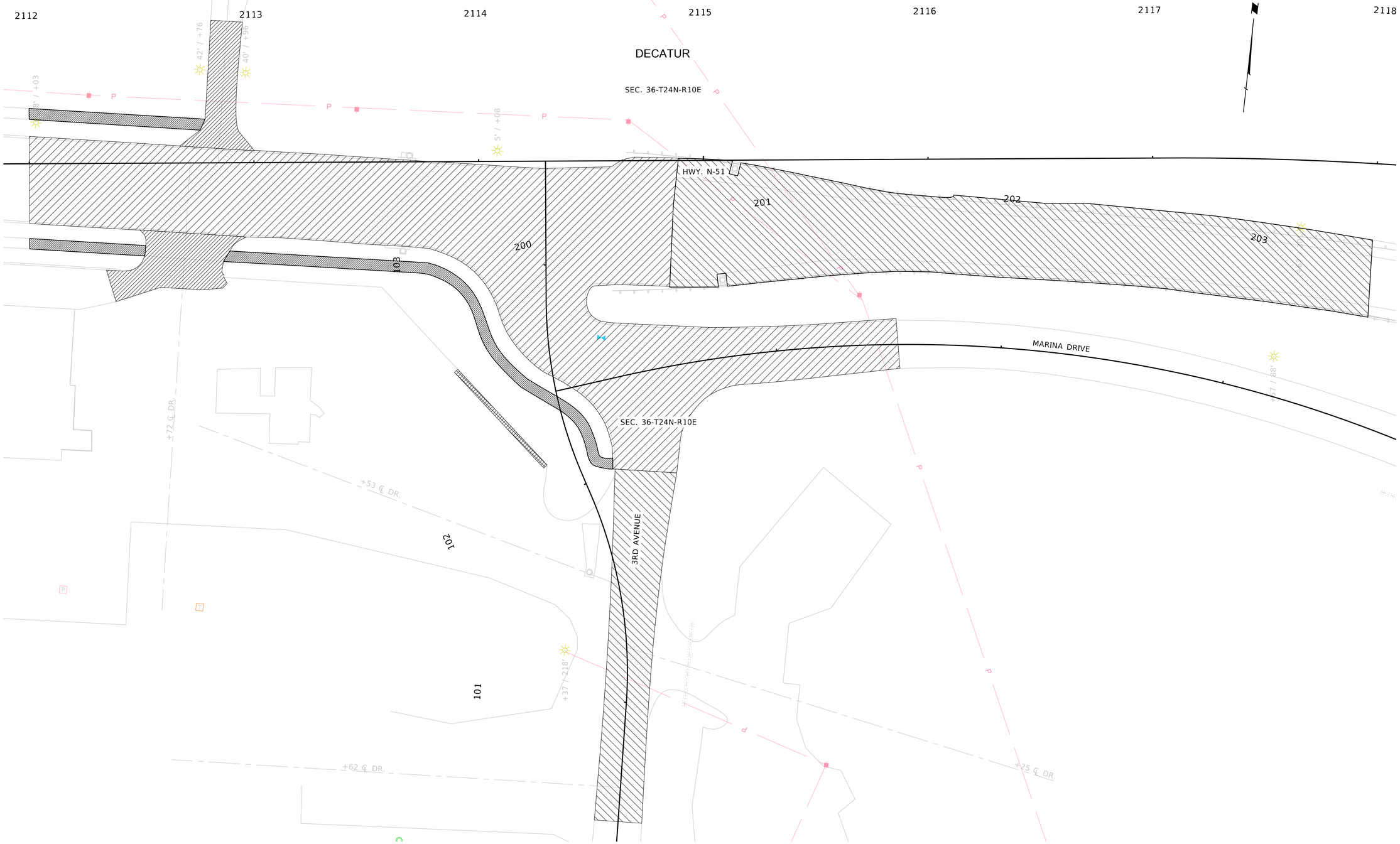
STATION	TO	STATION	SIDE	SQ. YDS.
2112+00	-	2115+87	Lt./Rt.	2101

REMOVE COMBINATION CURB & GUTTER

STATION	TO	STATION	SIDE	LIN. FT.
2113+90	-	2114+30	Rt.	59

REMOVE ASPHALT SURFACE

STATION	TO	STATION	SIDE	SQ. YDS.
2114+50	-	2114+87	Rt.	377
2114+85	-	2118+00	Lt./Rt.	1338



BURNS & MCDONNELL ENGINEERING COMPANY, INC.
1010 N. 102nd Street, Suite 200
Omaha, NE 68114
Office: 402-408-3013
Nebraska C.O.A. #CA-0621

J6

Project Number
51-7(109)

C.N. 32395

DECATUR BRIDGE

LEGEND

- REMOVE ASPHALT SURFACE
- REMOVE PAVEMENT
- REMOVE CONCRETE MEDIAN SURFACING
- REMOVE DRIVEWAY
- REMOVE WALK
- REMOVE CURB AND GUTTER

REMOVAL

NEBRASKA
Good Life. Great Journey.
DEPARTMENT OF TRANSPORTATION

Roadway Design Division
1500 Nebraska Parkway
Lincoln, NE 68502
Office: 402-479-4601

★ NOT FINAL ★
PRELIMINARY PLAN
SUBJECT TO CHANGE

COMPUTER: B800570
DATE: 12-AUG-2025 13:54
FILE: 32395 Sheets Removal_US_FT.dgn

REMOVE ASPHALT SURFACE				
STATION	TO	STATION	SIDE	SQ. YDS.
2118+00	-	2123+59	Rt.	2086
2118+06	-	2118+22	Rt.	34
2120+16	-	2120+28	Rt.	23
2120+93	-	2121+08	Rt.	32

REMOVE GUARDRAIL				
STATION	TO	STATION	SIDE	LIN. FT.
2114+59	-	2123+55	Rt.	875
2114+66	-	2123+55	Rt.	880

DECATUR

SEC. 36-T24N-R10E

2119 2120 2121 2122 2123 2124

8

HWY. N-51

204

+56 / 156'

SEC. 36-T24N-R10E

MARINA DRIVE

+29 / 179'

BURNS & MCDONNELL
ENGINEERING COMPANY, INC.
1010 N. 102nd Street, Suite 200
Omaha, NE 68114
Office: 402-408-3013
Nebraska C.O.A. #CA-0621

J7

Project Number
51-7(109)

C.N. 32395

DECATUR BRIDGE

LEGEND

- REMOVE ASPHALT SURFACE
- REMOVE PAVEMENT
- REMOVE CONCRETE MEDIAN SURFACING
- REMOVE DRIVEWAY
- REMOVE WALK
- REMOVE CURB AND GUTTER

REMOVAL

NEBRASKA
Good Life. Great Journey.
DEPARTMENT OF TRANSPORTATION

Roadway Design Division
1500 Nebraska Parkway
Lincoln, NE 68502
Office: 402-479-4601

* NOT FINAL *
PRELIMINARY PLAN
SUBJECT TO CHANGE

COMPUTER: B800570
DATE: 12-AUG-2025 13:54
FILE: 32395 Sheets Removal_US_FT.dgn

REMOVE STRUCTURE		
STATION	SIDE	DESCRIPTION
*	Rt.	1956'-0" TRUSS BRIDGE, 22'-9" ROADWAY

REMOVE ASPHALT SURFACE				
STATION	TO	STATION	SIDE	SQ. YDS.
2125+20	-	2125+45	Rt.	62

DECATUR

SEC. 36-T24N-R10E

2124 2125 2126 2127 2128 2129 2130

HWY. N-51

MARINA DRIVE

MISSOURI RIVER

SEC. 36-T24N-R10E

BURNS & MCDONNELL
ENGINEERING COMPANY, INC.
1010 N. 102nd Street, Suite 200
Omaha, NE 68114
Office: 402-408-3013
Nebraska C.O.A. #CA-0621

J8

Project Number
51-7(109)

C.N. 32395

DECATUR BRIDGE

LEGEND

- REMOVE ASPHALT SURFACE
- REMOVE PAVEMENT
- REMOVE CONCRETE MEDIAN SURFACING
- REMOVE DRIVEWAY
- REMOVE WALK
- REMOVE CURB AND GUTTER

REMOVAL

NEBRASKA
Good Life. Great Journey.
DEPARTMENT OF TRANSPORTATION

Roadway Design Division
1500 Nebraska Parkway
Lincoln, NE 68502
Office: 402-479-4601

NOT FINAL
PRELIMINARY PLAN
SUBJECT TO CHANGE

FILE: 32395 Sheets Removal_US_FT.dgn
DATE: 12-AUG-2025 13:54
COMPUTER: B800570

REMOVE PAVEMENT				
STATION	TO	STATION	SIDE	SQ. YDS.
2143+17	-	2146+58	Rt.	924

REMOVE COMBINATION CURB & GUTTER				
STATION	TO	STATION	SIDE	LIN. FT.
2146+58	-	2148+00	Rt.	284

REMOVE ASPHALT SURFACE				
STATION	TO	STATION	SIDE	SQ. YDS.
2146+58	-	2148+00	Rt.	383

REMOVE GUARDRAIL				
STATION	TO	STATION	SIDE	LIN. FT.
2143+41	-	2144+85	Rt.	194
2143+41	-	2145+35	Rt.	144

SEC. 36-T24N-R10E

2142 2143 2144 2145 2146 2147 2148

HWY. IA-175

SEC. 36-T24N-R10E

312 313 314 315 316 317 318

IDNR ACCESS ROAD

BURNS & MCDONNELL
ENGINEERING COMPANY, INC.
1010 N. 102nd Street, Suite 200
Omaha, NE 68114
Office: 402-408-3013
Nebraska C.O.A. #CA-0621

J9

Project Number
51-7(109)

C.N. 32395

DECATUR BRIDGE

LEGEND

- REMOVE ASPHALT SURFACE
- REMOVE PAVEMENT
- REMOVE CONCRETE MEDIAN SURFACING
- REMOVE DRIVEWAY
- REMOVE WALK
- REMOVE CURB AND GUTTER

REMOVAL

NEBRASKA
Good Life. Great Journey.
DEPARTMENT OF TRANSPORTATION

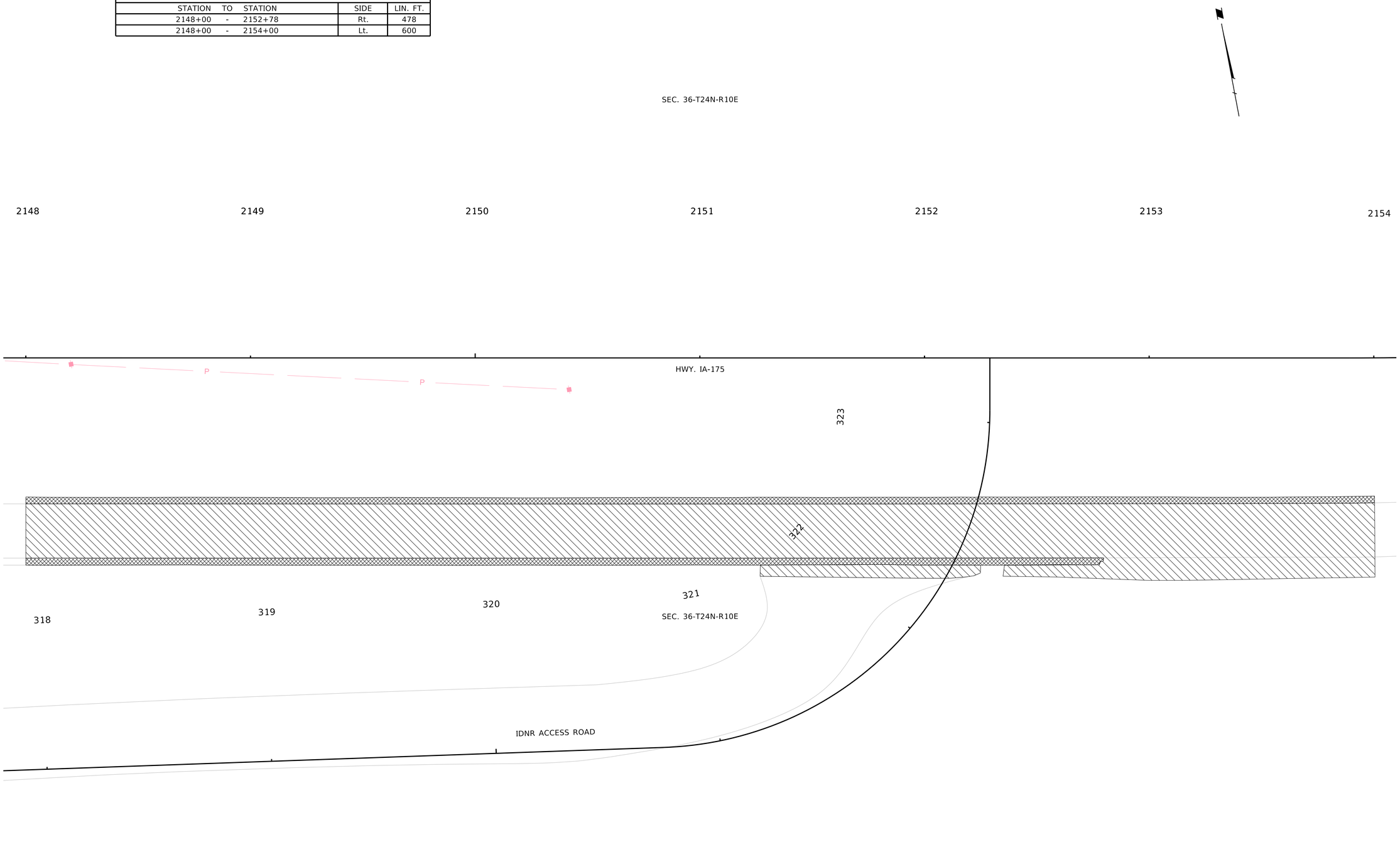
Roadway Design Division
1500 Nebraska Parkway
Lincoln, NE 68502
Office: 402-479-4601

NOT FINAL
PRELIMINARY PLAN
SUBJECT TO CHANGE

COMPUTER: B800570
DATE: 12-AUG-2025 13:54
FILE: 32395 Sheets Removal_US_FT.dgn

REMOVE ASPHALT SURFACE				
STATION	TO	STATION	SIDE	SQ. YDS.
2148+00	-	2154+00	Rt.	1823

REMOVE COMBINATION CURB & GUTTER				
STATION	TO	STATION	SIDE	LIN. FT.
2148+00	-	2152+78	Rt.	478
2148+00	-	2154+00	Lt.	600



BURNS & MCDONNELL
ENGINEERING COMPANY, INC.
1010 N. 102nd Street, Suite 200
Omaha, NE 68114
Office: 402-408-3013
Nebraska C.O.A. #CA-0621

J10

Project Number
51-7(109)

C.N. 32395

DECATUR BRIDGE

LEGEND

- REMOVE ASPHALT SURFACE
- REMOVE PAVEMENT
- REMOVE CONCRETE MEDIAN SURFACING
- REMOVE DRIVEWAY
- REMOVE WALK
- REMOVE CURB AND GUTTER

REMOVAL

NEBRASKA
Good Life. Great Journey.
DEPARTMENT OF TRANSPORTATION

Roadway Design Division
1500 Nebraska Parkway
Lincoln, NE 68502
Office: 402-479-4601

NOT FINAL
PRELIMINARY PLAN
SUBJECT TO CHANGE

COMPUTER: B8005?0
DATE: 12-AUG-2025 13:54
FILE: 32395 Sheets Removal_US_FT.dgn

REMOVE ASPHALT SURFACE				
STATION	TO	STATION	SIDE	SQ. YDS.
2154+00	-	2160+00	Rt.	2325

REMOVE COMBINATION CURB & GUTTER				
STATION	TO	STATION	SIDE	LIN. FT.
2154+00	-	2157+97	Rt.	410

APPROX. SEC. LINE

SEC. 36-T24N-R10E

SEC. 31-T24N-R11E

2154 2155 2156 2157 2158 2159 2160

HWY. IA-175

SEC. 36-T24N-R10E

SEC. 31-T24N-R11E

BURNS & MCDONNELL
ENGINEERING COMPANY, INC.

1010 N. 102nd Street, Suite 200
Omaha, NE 68114
Office: 402-408-3013
Nebraska C.O.A. #CA-0621

J11

Project Number
51-7(109)

C.N. 32395

DECATUR BRIDGE

LEGEND

- REMOVE ASPHALT SURFACE
- REMOVE PAVEMENT
- REMOVE CONCRETE MEDIAN SURFACING
- REMOVE DRIVEWAY
- REMOVE WALK
- REMOVE CURB AND GUTTER

REMOVAL

NEBRASKA
Good Life. Great Journey.
DEPARTMENT OF TRANSPORTATION

Roadway Design Division
1500 Nebraska Parkway
Lincoln, NE 68502
Office: 402-479-4601

* NOT FINAL *
PRELIMINARY PLAN
SUBJECT TO CHANGE

COMPUTER: B800570
DATE: 12-AUG-2025 13:54
FILE: 32395 Sheets Removal_US_FT.dgn

REMOVE ASPHALT SURFACE				
STATION	TO	STATION	SIDE	SQ. YDS.
2160+00	-	2166+00	Rt.	2414

SEC. 31-T24N-R11E

2160 2161 2162 2163 2164 2165 2166

HWY. IA-175

SEC. 31-T24N-R11E

BURNS & MCDONNELL
ENGINEERING COMPANY, INC.
1010 N. 102nd Street, Suite 200
Omaha, NE 68114
Office: 402-408-3013
Nebraska C.O.A. #CA-0621

J12

Project Number
51-7(109)

C.N. 32395

DECATUR BRIDGE

LEGEND

- REMOVE ASPHALT SURFACE
- REMOVE PAVEMENT
- REMOVE CONCRETE MEDIAN SURFACING
- REMOVE DRIVEWAY
- REMOVE WALK
- REMOVE CURB AND GUTTER

REMOVAL

NEBRASKA
Good Life. Great Journey.
DEPARTMENT OF TRANSPORTATION

Roadway Design Division
1500 Nebraska Parkway
Lincoln, NE 68502
Office: 402-479-4601

NOT FINAL
PRELIMINARY PLAN
SUBJECT TO CHANGE

COMPUTER: B8005?0
DATE: 12-AUG-2025 13:54
FILE: 32395 Sheets Removal_US_FT.dgn

REMOVE ASPHALT SURFACE				
STATION	TO	STATION	SIDE	SQ. YDS.
2166+00	-	2172+00	Lt./Rt.	2417



LEGEND

- REMOVE ASPHALT SURFACE
- REMOVE PAVEMENT
- REMOVE CONCRETE MEDIAN SURFACING
- REMOVE DRIVEWAY
- REMOVE WALK
- REMOVE CURB AND GUTTER

REMOVAL

BURNS & MCDONNELL ENGINEERING COMPANY, INC.
1010 N. 102nd Street, Suite 200
Omaha, NE 68114
Office: 402-408-3013
Nebraska C.O.A. #CA-0621

J13

Project Number
51-7(109)

C.N. 32395

DECATUR BRIDGE

NEBRASKA
Good Life. Great Journey.
DEPARTMENT OF TRANSPORTATION

Roadway Design Division
1500 Nebraska Parkway
Lincoln, NE 68502
Office: 402-479-4601

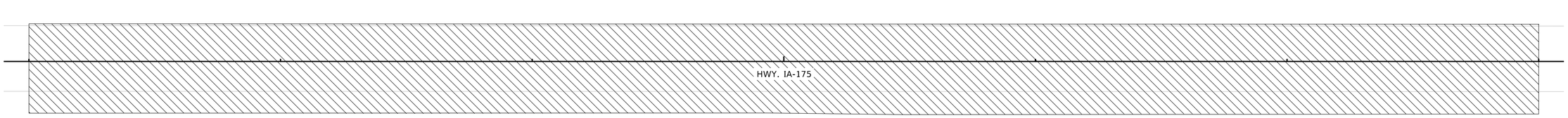
NOT FINAL
PRELIMINARY PLAN
SUBJECT TO CHANGE

COMPUTER: B800570
DATE: 12-AUG-2025 13:54
FILE: 32395 Sheets Removal_US_FT.dgn

REMOVE ASPHALT SURFACE				
STATION	TO	STATION	SIDE	SQ. YDS.
2172+00	-	2178+00	Lt./Rt.	2381

SEC. 31-T24N-R11E

2172 2173 2174 2175 2176 2177 2178



SEC. 31-T24N-R11E

BURNS & MCDONNELL
ENGINEERING COMPANY, INC.
1010 N. 102nd Street, Suite 200
Omaha, NE 68114
Office: 402-408-3013
Nebraska C.O.A. #CA-0621

J14

Project Number
51-7(109)

C.N. 32395

DECATUR BRIDGE

LEGEND

- REMOVE ASPHALT SURFACE
- REMOVE PAVEMENT
- REMOVE CONCRETE MEDIAN SURFACING
- REMOVE DRIVEWAY
- REMOVE WALK
- REMOVE CURB AND GUTTER

REMOVAL

NEBRASKA
Good Life. Great Journey.
DEPARTMENT OF TRANSPORTATION

Roadway Design Division
1500 Nebraska Parkway
Lincoln, NE 68502
Office: 402-479-4601

★ NOT FINAL ★
PRELIMINARY PLAN
SUBJECT TO CHANGE

COMPUTER: B800570
DATE: 12-AUG-2025 13:54
FILE: 32395 Sheets Removal_US_FT.dgn

REMOVE ASPHALT SURFACE				
STATION	TO	STATION	SIDE	SQ. YDS.
2178+00	-	2184+00	Lt./Rt.	2379

SEC. 31-T24N-R11E

2178 2179 2180 2181 2182 2183 2184

+46 ℄ F.E.

HWY. IA-175

SEC. 31-T24N-R11E

+91 ℄ F.E.

COMPUTER: B800570

DATE: 12-AUG-2025 13:54

FILE: 32395 Sheets Removal_US_FT.dgn

BURNS & MCDONNELL
ENGINEERING COMPANY, INC.
1010 N. 102nd Street, Suite 200
Omaha, NE 68114
Office: 402-408-3013
Nebraska C.O.A. #CA-0621

J15

Project Number
51-7(109)

C.N. 32395

DECATUR BRIDGE

LEGEND

- REMOVE ASPHALT SURFACE
- REMOVE PAVEMENT
- REMOVE CONCRETE MEDIAN SURFACING
- REMOVE DRIVEWAY
- REMOVE WALK
- REMOVE CURB AND GUTTER

REMOVAL

NEBRASKA
Good Life. Great Journey.
DEPARTMENT OF TRANSPORTATION

Roadway Design Division
1500 Nebraska Parkway
Lincoln, NE 68502
Office: 402-479-4601

★ NOT FINAL ★
PRELIMINARY PLAN
SUBJECT TO CHANGE

REMOVE ASPHALT SURFACE				
STATION	TO	STATION	SIDE	SQ. YDS.
2184+00	-	2186+50	Lt./Rt.	813

SEC. 31-T24N-R11E

2184 2185 2186 2187 2188 2189 2190

HWY. IA-175

SEC. 31-T24N-R11E

+97 ℄ F.E.

BURNS & MCDONNELL
ENGINEERING COMPANY, INC.
1010 N. 102nd Street, Suite 200
Omaha, NE 68114
Office: 402-408-3013
Nebraska C.O.A. #CA-0621

J16

Project Number
51-7(109)

C.N. 32395

DECATUR BRIDGE

LEGEND

- REMOVE ASPHALT SURFACE
- REMOVE PAVEMENT
- REMOVE CONCRETE MEDIAN SURFACING
- REMOVE DRIVEWAY
- REMOVE WALK
- REMOVE CURB AND GUTTER

REMOVAL

NEBRASKA
Good Life. Great Journey.
DEPARTMENT OF TRANSPORTATION

Roadway Design Division
1500 Nebraska Parkway
Lincoln, NE 68502
Office: 402-479-4601

★ NOT FINAL ★
PRELIMINARY PLAN
SUBJECT TO CHANGE

COMPUTER: B800570
DATE: 12-AUG-2025 13:55
FILE: 32395 Sheets Removal_US_FT.dgn

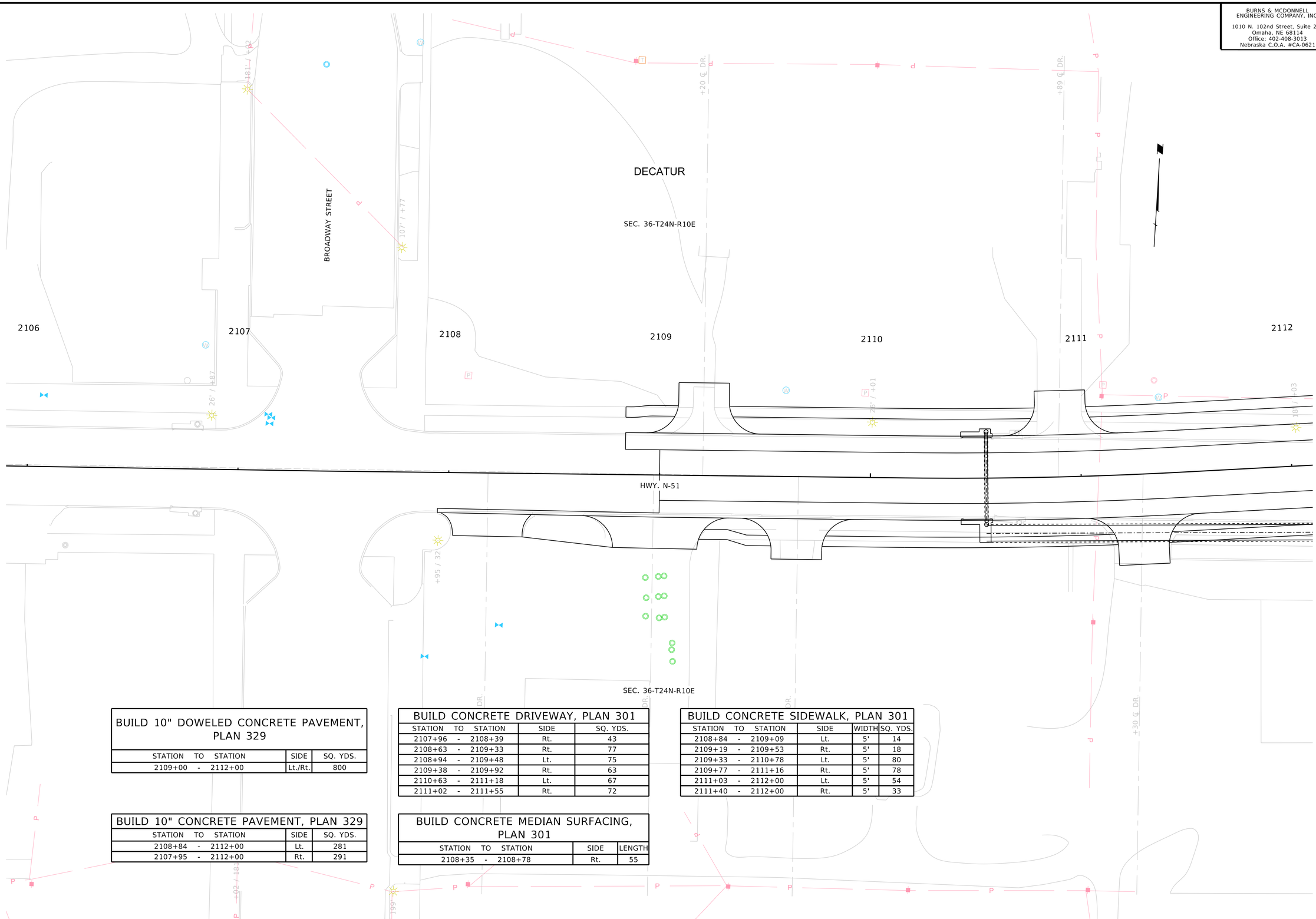
BURNS & MCDONNELL
ENGINEERING COMPANY, INC.
1010 N. 102nd Street, Suite 200
Omaha, NE 68114
Office: 402-408-3013
Nebraska C.O.A. #CA-0621

J17

Project Number
51-7(109)

C.N. 32395

DECATUR BRIDGE



BUILD 10" DOWELED CONCRETE PAVEMENT, PLAN 329

STATION	TO	STATION	SIDE	SQ. YDS.
2109+00	-	2112+00	Lt./Rt.	800

BUILD 10" CONCRETE PAVEMENT, PLAN 329

STATION	TO	STATION	SIDE	SQ. YDS.
2108+84	-	2112+00	Lt.	281
2107+95	-	2112+00	Rt.	291

BUILD CONCRETE DRIVEWAY, PLAN 301

STATION	TO	STATION	SIDE	SQ. YDS.
2107+96	-	2108+39	Rt.	43
2108+63	-	2109+33	Rt.	77
2108+94	-	2109+48	Lt.	75
2109+38	-	2109+92	Rt.	63
2110+63	-	2111+18	Lt.	67
2111+02	-	2111+55	Rt.	72

BUILD CONCRETE MEDIAN SURFACING, PLAN 301

STATION	TO	STATION	SIDE	LENGTH
2108+35	-	2108+78	Rt.	55

BUILD CONCRETE SIDEWALK, PLAN 301

STATION	TO	STATION	SIDE	WIDTH	SQ. YDS.
2108+84	-	2109+09	Lt.	5'	14
2109+19	-	2109+53	Rt.	5'	18
2109+33	-	2110+78	Lt.	5'	80
2109+77	-	2111+16	Rt.	5'	78
2111+03	-	2112+00	Lt.	5'	54
2111+40	-	2112+00	Rt.	5'	33

CONSTRUCTION

NEBRASKA
Good Life. Great Journey.
DEPARTMENT OF TRANSPORTATION

Roadway Design Division
1500 Nebraska Parkway
Lincoln, NE 68502
Office: 402-479-4601

NOT FINAL
PRELIMINARY PLAN
SUBJECT TO CHANGE

COMPUTER: B800570
DATE: 12-AUG-2025 13:55
FILE: 32395 Sheets Construction_US_FT.dgn

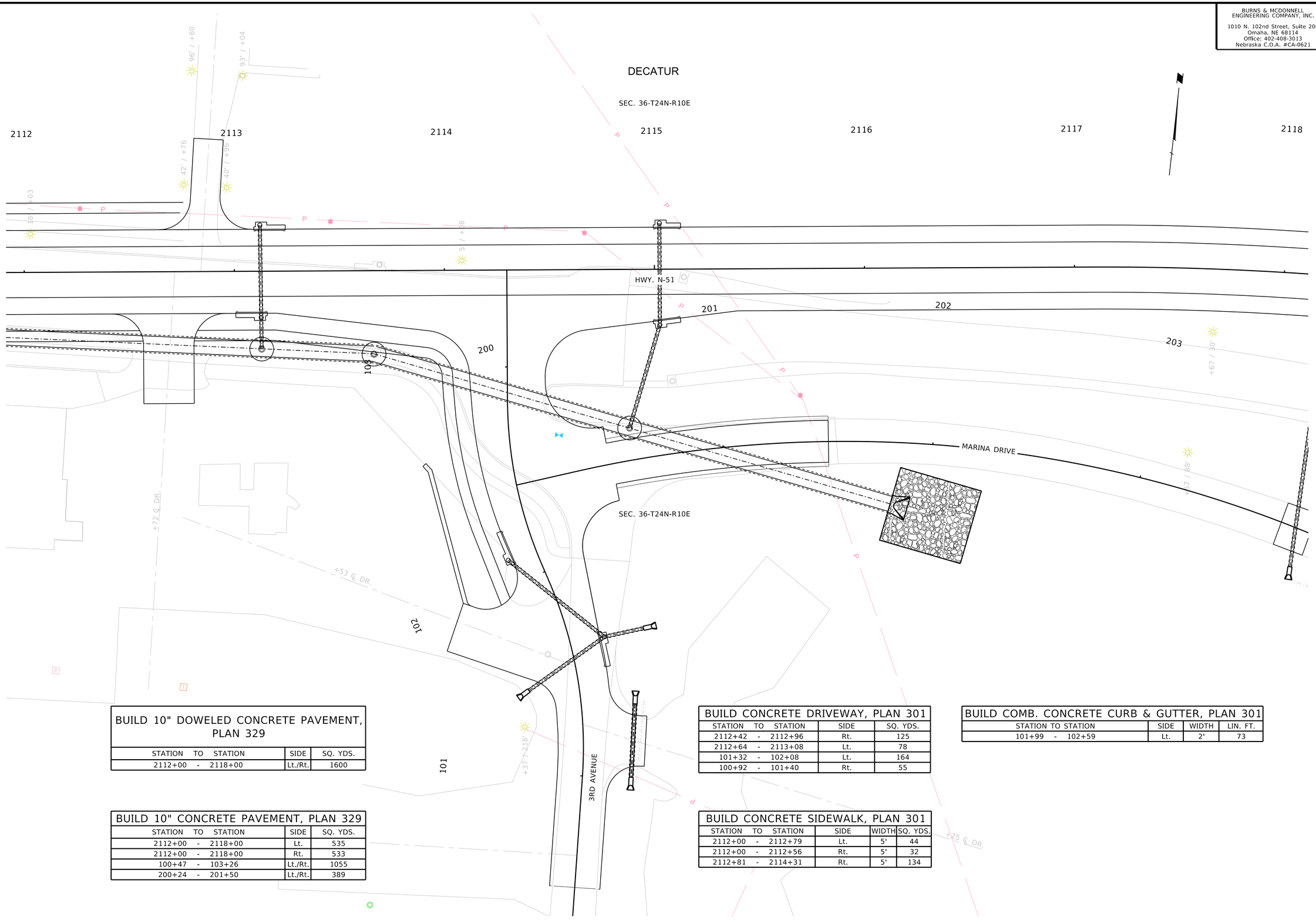
BURNS & MCDONNELL
ENGINEERING COMPANY, INC.
1010 N. 102nd Street, Suite 200
Omaha, NE 68114
Office: 402-408-3013
Nebraska C.O.A. #CA-0621

J18

Project Number
51-7(109)

C.N. 32395

DECATUR BRIDGE



BUILD 10" DOWELED CONCRETE PAVEMENT, PLAN 329

STATION	TO	STATION	SIDE	SQ. YDS.
2112+00	-	2118+00	Lt./Rt.	1600

BUILD 10" CONCRETE PAVEMENT, PLAN 329

STATION	TO	STATION	SIDE	SQ. YDS.
2112+00	-	2118+00	Lt.	535
2112+00	-	2118+00	Rt.	533
100+47	-	103+26	Lt./Rt.	1055
200+24	-	201+50	Lt./Rt.	389

BUILD CONCRETE DRIVEWAY, PLAN 301

STATION	TO	STATION	SIDE	SQ. YDS.
2112+42	-	2112+96	Rt.	125
2112+64	-	2113+08	Lt.	78
101+32	-	102+08	Lt.	164
100+92	-	101+40	Rt.	55

BUILD CONCRETE SIDEWALK, PLAN 301

STATION	TO	STATION	SIDE	WIDTH	SQ. YDS.
2112+00	-	2112+79	Lt.	5'	44
2112+00	-	2112+56	Rt.	5'	32
2112+81	-	2114+31	Rt.	5'	134

BUILD COMB. CONCRETE CURB & GUTTER, PLAN 301

STATION	TO	STATION	SIDE	WIDTH	LIN. FT.
101+99	-	102+59	Lt.	2'	73

CONSTRUCTION

NEBRASKA
Good Life. Great Journey.
DEPARTMENT OF TRANSPORTATION

Roadway Design Division
1500 Nebraska Parkway
Lincoln, NE 68502
Office: 402-479-4601

★ NOT FINAL ★
PRELIMINARY PLAN
SUBJECT TO CHANGE

COMPUTER: B800570
DATE: 12-AUG-2025 13:55
FILE: 32395 Sheets Construction_US_FT.dgn

BURNS & MCDONNELL
ENGINEERING COMPANY, INC.
1010 N. 102nd Street, Suite 200
Omaha, NE 68114
Office: 402-408-3013
Nebraska C.O.A. #CA-0621

J19

Project Number
51-7(109)

C.N. 32395

DECATUR BRIDGE

DECATUR

SEC. 36-T24N-R10E

2119 2120 2121 2122 2123 2124

8

HWY. N-51

204

+69 / 57'

+56 / 63'

+56 / 156'

SEC. 36-T24N-R10E

MARINA DRIVE

+29 / 179'

BUILD 10" CONCRETE PAVEMENT, PLAN 329				
STATION	TO	STATION	SIDE	SQ. YDS.
2118+00	-	2121+81	Lt.	343
2118+00	-	2121+81	Rt.	349

BUILD 10" DOWELED CONCRETE PAVEMENT, PLAN 329				
STATION	TO	STATION	SIDE	SQ. YDS.
2118+00	-	2121+81	Lt./Rt.	1017

BUILD SURFACING 10"				
STATION	TO	STATION	SIDE	SQ. YDS.
2118+06	-	2118+22	Rt.	34
2120+16	-	2120+28	Rt.	23
2120+93	-	2121+08	Rt.	32

CONSTRUCTION

NEBRASKA
Good Life. Great Journey.
DEPARTMENT OF TRANSPORTATION

Roadway Design Division
1500 Nebraska Parkway
Lincoln, NE 68502
Office: 402-479-4601

* NOT FINAL *
PRELIMINARY PLAN
SUBJECT TO CHANGE

COMPUTER: B800570
DATE: 12-AUG-2025 13:55
FILE: 32395 Sheets Construction_US_FT.dgn

BURNS & MCDONNELL
ENGINEERING COMPANY, INC.
1010 N. 102nd Street, Suite 200
Omaha, NE 68114
Office: 402-408-3013
Nebraska C.O.A. #CA-0621

J20

Project Number
51-7(109)

C.N. 32395

DECATUR BRIDGE

DECATUR

SEC. 36-T24N-R10E

2124 2125 2126 2127 2128 2129 2130

HWY. N-51

SEC. 36-T24N-R10E

MARINA DRIVE

MISSOURI RIVER

BUILD STRUCTURE, SPECIAL PLAN U1		
STATION	STRUCTURE NO.	DESCRIPTION
2125+97.10	S051 03644	2730'-0" STEEL GIRDER BRIDGE

BUILD SURFACING 10"				
STATION	TO	STATION	SIDE	SQ. YDS.
2125+20	-	2125+45	Rt.	62

CONSTRUCTION

NEBRASKA
Good Life. Great Journey.
DEPARTMENT OF TRANSPORTATION

Roadway Design Division
1500 Nebraska Parkway
Lincoln, NE 68502
Office: 402-479-4601

★ NOT FINAL ★
PRELIMINARY PLAN
SUBJECT TO CHANGE

COMPUTER: B800570
DATE: 12-AUG-2025 13:55
FILE: 32395 Sheets Construction_US_FT.dgn

BURNS & MCDONNELL
ENGINEERING COMPANY, INC.
1010 N. 102nd Street, Suite 200
Omaha, NE 68114
Office: 402-408-3013
Nebraska C.O.A. #CA-0621

J21

Project Number
51-7(109)

C.N. 32395

DECATUR BRIDGE

SEC. 36-T24N-R10E

2130 2131 2132 2133 2134 2135 2136

302 303 304 305

HWY. N-51

IDNR ACCESS ROAD

SEC. 36-T24N-R10E

BUILD CRUSHED ROCK SURFACE COURSE		
STATION TO STATION	SIDE	TON
301+73 - 305+85	Lt./Rt.	198

CONSTRUCTION

NEBRASKA
Good Life. Great Journey.
DEPARTMENT OF TRANSPORTATION

Roadway Design Division
1500 Nebraska Parkway
Lincoln, NE 68502
Office: 402-479-4601

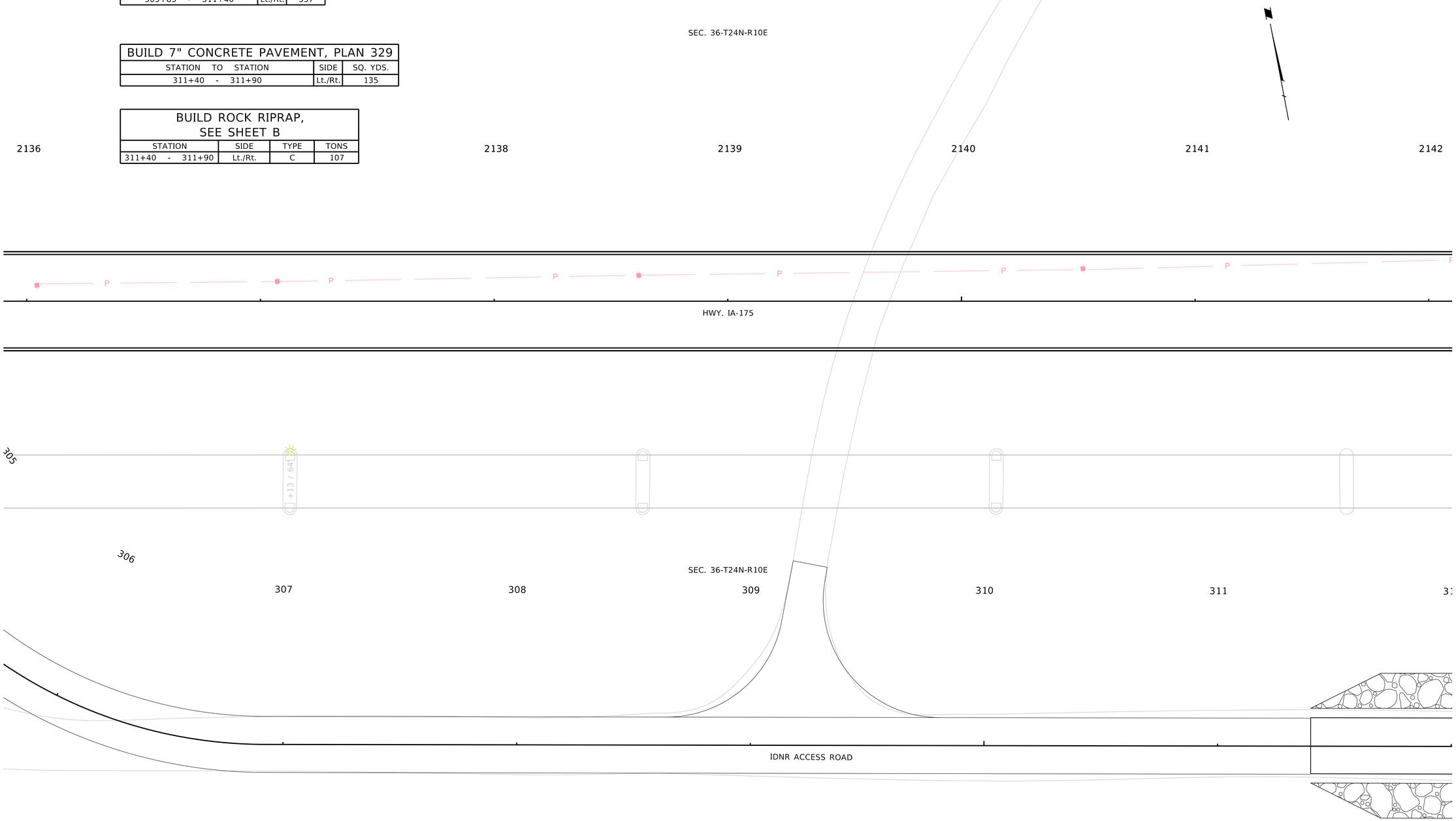
★ NOT FINAL ★
PRELIMINARY PLAN
SUBJECT TO CHANGE

COMPUTER: B800570
DATE: 12-AUG-2025 13:55
FILE: 32395 Sheets Construction_US_FT.dgn

BUILD CRUSHED ROCK SURFACE COURSE		
STATION TO STATION	SIDE	TON
305+85 - 311+40	Lt./Rt.	337

BUILD 7" CONCRETE PAVEMENT, PLAN 329		
STATION TO STATION	SIDE	SQ. YDS.
311+40 - 311+90	Lt./Rt.	135

BUILD ROCK RIPRAP, SEE SHEET B			
STATION	SIDE	TYPE	TONS
311+40 - 311+90	Lt./Rt.	C	107



BURNS & MCDONNELL ENGINEERING COMPANY, INC.
1010 N. 102nd Street, Suite 200
Omaha, NE 68114
Office: 402-408-3013
Nebraska C.O.A. #CA-0621

J22

Project Number
51-7(109)

C.N. 32395

DECATUR BRIDGE

CONSTRUCTION

NEBRASKA
Good Life. Great Journey.
DEPARTMENT OF TRANSPORTATION

Roadway Design Division
1500 Nebraska Parkway
Lincoln, NE 68502
Office: 402-479-4601

★ NOT FINAL ★
PRELIMINARY PLAN
SUBJECT TO CHANGE

COMPUTER: B800570
DATE: 12-AUG-2025 13:55
FILE: 32395 Sheets Construction_US_FT.dgn

BUILD 7" CONCRETE PAVEMENT, PLAN 329		
STATION TO STATION	SIDE	SQ. YDS.
311+90 - 317+90	Lt./Rt.	1610

BUILD ROCK RIPRAP, SEE SHEET B			
STATION	SIDE	TYPE	TONS
311+90 - 317+90	Lt./Rt.	C	1801

SEC. 36-T24N-R10E

2142 2143 2144 2145 2146 2147 2148

HWY. IA-175

+44 / 63'

SEC. 36-T24N-R10E

312 313 314 315 316 317 318

IDNR ACCESS ROAD

BURNS & MCDONNELL ENGINEERING COMPANY, INC.
1010 N. 102nd Street, Suite 200
Omaha, NE 68114
Office: 402-408-3013
Nebraska C.O.A. #CA-0621

J23

Project Number
51-7(109)

C.N. 32395

DECATUR BRIDGE

CONSTRUCTION

NEBRASKA
Good Life. Great Journey.
DEPARTMENT OF TRANSPORTATION

Roadway Design Division
1500 Nebraska Parkway
Lincoln, NE 68502
Office: 402-479-4601

NOT FINAL
PRELIMINARY PLAN
SUBJECT TO CHANGE

COMPUTER: B800570
DATE: 12-AUG-2025 13:55
FILE: 32395 Sheets Construction_US_FT.dgn

BURNS & MCDONNELL
ENGINEERING COMPANY, INC.
1010 N. 102nd Street, Suite 200
Omaha, NE 68114
Office: 402-408-3013
Nebraska C.O.A. #CA-0621

J24

Project Number
51-7(109)

C.N. 32395

DECATUR BRIDGE

BUILD 10" DOWELED CONCRETE PAVEMENT, PLAN 329			
STATION	TO STATION	SIDE	SQ. YDS.
2150+13	- 2154+00	Lt./Rt.	1032

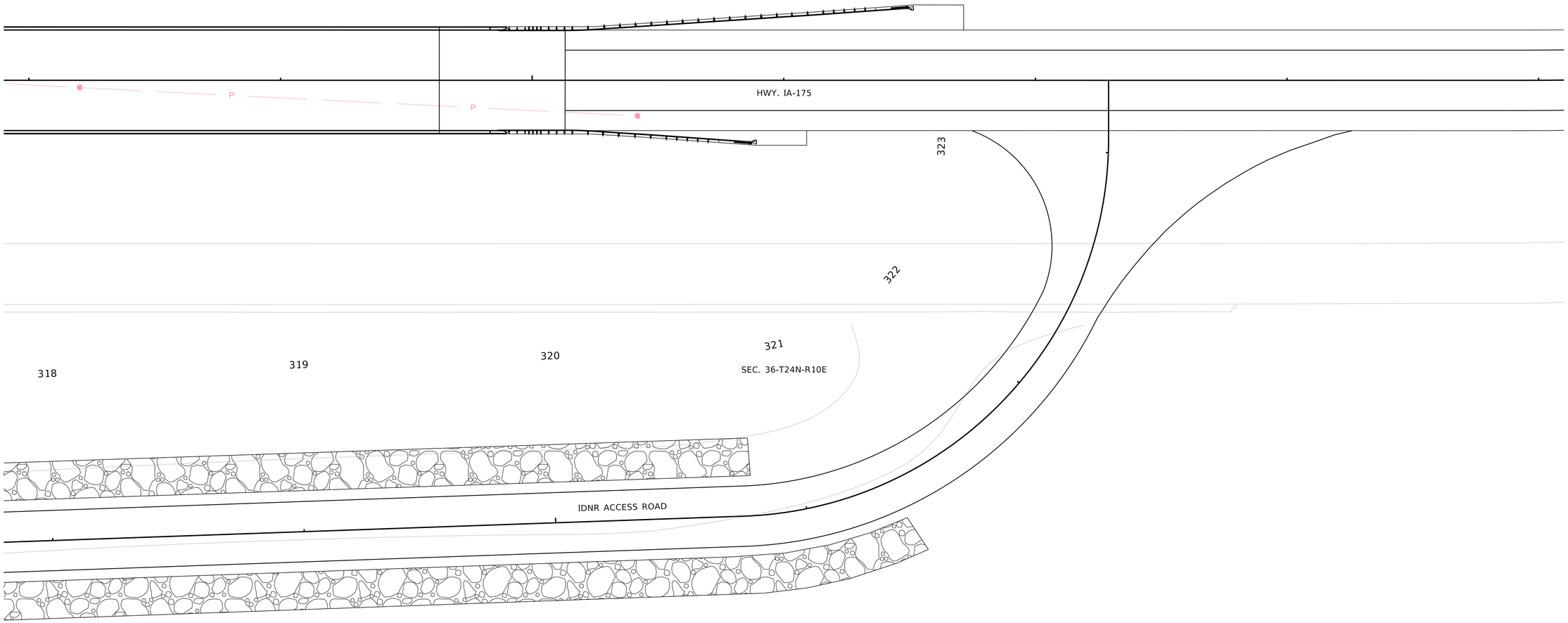
BUILD 7" CONCRETE PAVEMENT, PLAN 329			
STATION	TO STATION	SIDE	SQ. YDS.
317+90	- 323+09	Lt./Rt.	1676

BUILD 10" CONCRETE PAVEMENT, PLAN 329			
STATION	TO STATION	SIDE	SQ. YDS.
2150+13	- 2154+00	Lt.	344
2150+13	- 2154+00	Rt.	344

BUILD ROCK RIPRAP, SEE SHEET B			
STATION	SIDE	TYPE	TONS
317+90 - 321+30	Lt./Rt.	C	964

SEC. 36-T24N-R10E

2148 2149 2150 2151 2152 2153 2154



CONSTRUCTION

NEBRASKA
Good Life. Great Journey.
DEPARTMENT OF TRANSPORTATION

Roadway Design Division
1500 Nebraska Parkway
Lincoln, NE 68502
Office: 402-479-4601

NOT FINAL
PRELIMINARY PLAN
SUBJECT TO CHANGE

COMPUTER: B800570
DATE: 12-AUG-2025 13:55
FILE: 32395 Sheets Construction_US_FT.dgn

BURNS & MCDONNELL
ENGINEERING COMPANY, INC.
1010 N. 102nd Street, Suite 200
Omaha, NE 68114
Office: 402-408-3013
Nebraska C.O.A. #CA-0621

J25

Project Number
51-7(109)

C.N. 32395

DECATUR BRIDGE

APPROX. SEC. LINE

SEC. 36-T24N-R10E

SEC. 31-T24N-R11E

2154 2155 2156 2157 2158 2159 2160

HWY. IA-175

SEC. 36-T24N-R10E

SEC. 31-T24N-R11E

BUILD 10" DOWELED CONCRETE PAVEMENT, PLAN 329				
STATION	TO	STATION	SIDE	SQ. YDS.
2154+00	-	2160+00	Lt./Rt.	1600

BUILD 10" CONCRETE PAVEMENT, PLAN 329				
STATION	TO	STATION	SIDE	SQ. YDS.
2154+00	-	2160+00	Lt.	530
2154+00	-	2160+00	Rt.	538

CONSTRUCTION

NEBRASKA
Good Life. Great Journey.
DEPARTMENT OF TRANSPORTATION

Roadway Design Division
1500 Nebraska Parkway
Lincoln, NE 68502
Office: 402-479-4601

NOT FINAL
PRELIMINARY PLAN
SUBJECT TO CHANGE

COMPUTER: B800570
DATE: 12-AUG-2025 13:55
FILE: 32395 Sheets Construction_US_FT.dgn

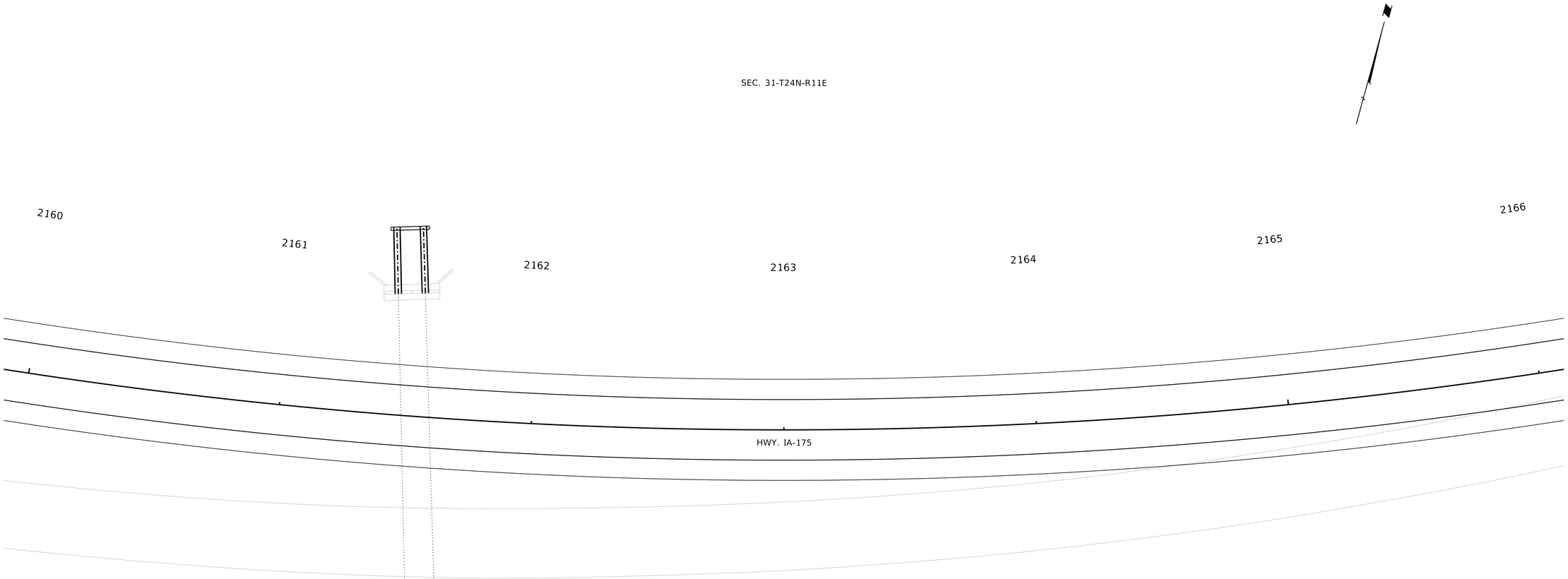
BURNS & MCDONNELL
ENGINEERING COMPANY, INC.
1010 N. 102nd Street, Suite 200
Omaha, NE 68114
Office: 402-408-3013
Nebraska C.O.A. #CA-0621

J26

Project Number
51-7(109)

C.N. 32395

DECATUR BRIDGE



BUILD 10" DOWELED CONCRETE PAVEMENT, PLAN 329			
STATION	TO STATION	SIDE	SQ. YDS.
2160+00	- 2166+00	Lt./Rt.	1600

BUILD 10" CONCRETE PAVEMENT, PLAN 329			
STATION	TO STATION	SIDE	SQ. YDS.
2160+00	- 2166+00	Lt.	530
2160+00	- 2166+00	Rt.	538

EXTEND CORRUGATED METAL PIPE		
STATION	DESCRIPTION	EXC. (CU. YDS.)
2161+49 Lt.	EXTEND TWIN 30" 26' Lt. REMOVE HEADWALL & 2' OF PIPE LT. EXTEND 26' LT. BUILD HEADWALL LT. PLAN 410 1 - CONC COLLAR PLAN 425	*

BUILD STOP LOG STRUCTURE - SPECIAL PLAN U_	
STATION TO STATION	QUANTITY (LS)
2161+49 Lt.	1

CONSTRUCTION

NEBRASKA
Good Life. Great Journey.
DEPARTMENT OF TRANSPORTATION

Roadway Design Division
1500 Nebraska Parkway
Lincoln, NE 68502
Office: 402-479-4601

* NOT FINAL *
PRELIMINARY PLAN
SUBJECT TO CHANGE

COMPUTER: B800570
DATE: 12-AUG-2025 13:55
FILE: 32395 Sheets Construction_US_FT.dgn

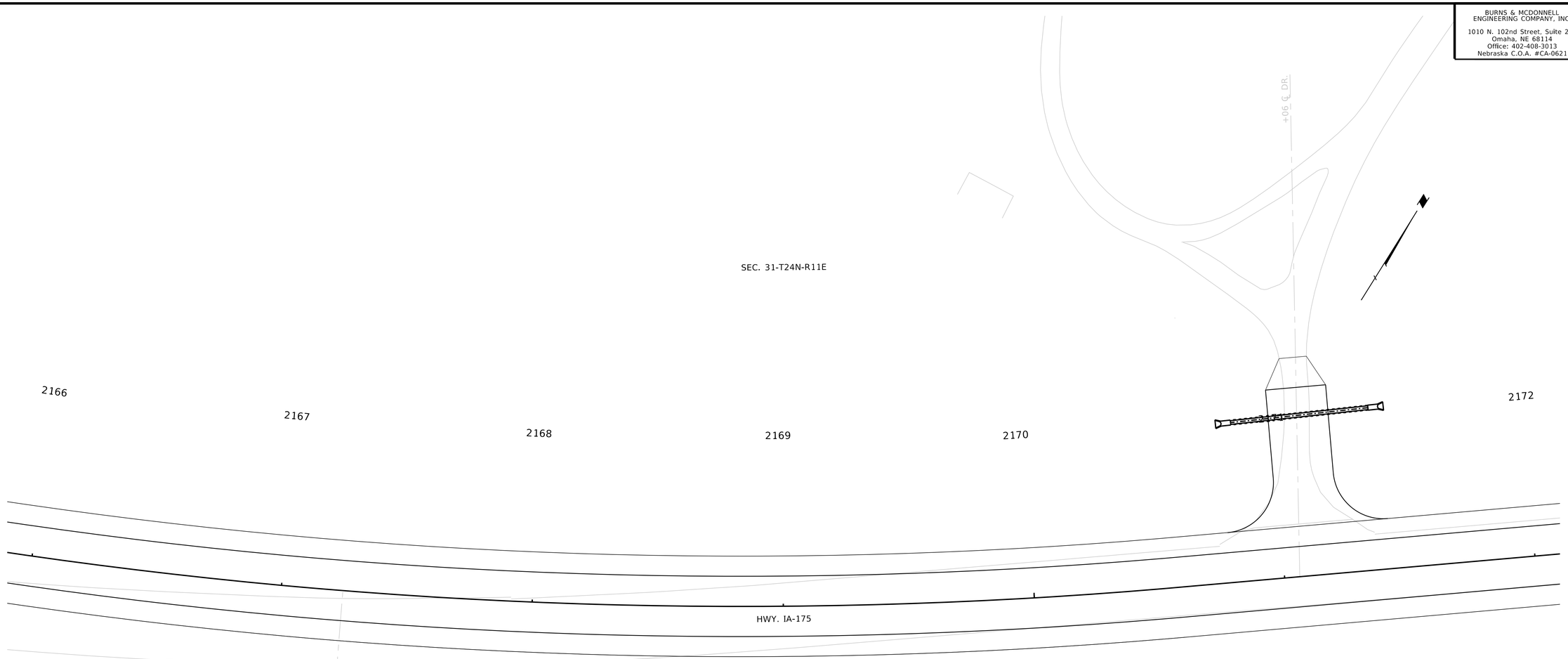
BURNS & MCDONNELL
ENGINEERING COMPANY, INC.
1010 N. 102nd Street, Suite 200
Omaha, NE 68114
Office: 402-408-3013
Nebraska C.O.A. #CA-0621

J27

Project Number
51-7(109)

C.N. 32395

DECATUR BRIDGE



SEC. 31-T24N-R11E

BUILD 10" DOWELED CONCRETE PAVEMENT, PLAN 329

STATION	TO	STATION	SIDE	SQ. YDS.
2166+00	-	2172+00	Lt./Rt.	1600

BUILD EARTH DRIVE & SURFACE, SEE SHEET G

STATION	SIDE
2171+06	Lt.

BUILD 10" CONCRETE PAVEMENT, PLAN 329

STATION	TO	STATION	SIDE	SQ. YDS.
2166+00	-	2172+00	Lt.	531
2166+00	-	2172+00	Rt.	537

BUILD CULVERT PIPE

STATION	SIDE	DESCRIPTION	EXC. (CU. YDS.)
2171+06	Lt.	D.A.=_Ac., Q_=_cfs, H.W.=_', 18" x 55', Type *, Plan 411. Fill = _'.	*

℄ F.E.

CONSTRUCTION

NEBRASKA
Good Life. Great Journey.
DEPARTMENT OF TRANSPORTATION

Roadway Design Division
1500 Nebraska Parkway
Lincoln, NE 68502
Office: 402-479-4601

* NOT FINAL *
PRELIMINARY PLAN
SUBJECT TO CHANGE

COMPUTER: B800570
DATE: 12-AUG-2025 13:55
FILE: 32395 Sheets Construction_US_FT.dgn

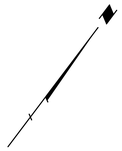
BURNS & MCDONNELL
ENGINEERING COMPANY, INC.
1010 N. 102nd Street, Suite 200
Omaha, NE 68114
Office: 402-408-3013
Nebraska C.O.A. #CA-0621

J28

Project Number
51-7(109)

C.N. 32395

DECATUR BRIDGE



SEC. 31-T24N-R11E

2172 2173 2174 2175 2176 2177 2178

HWY. IA-175

SEC. 31-T24N-R11E

BUILD 10" DOWELED CONCRETE PAVEMENT, PLAN 329				
STATION	TO	STATION	SIDE	SQ. YDS.
2172+00	-	2178+00	Lt./Rt.	1600

BUILD 10" CONCRETE PAVEMENT, PLAN 329				
STATION	TO	STATION	SIDE	SQ. YDS.
2172+00	-	2178+00	Lt.	534
2172+00	-	2178+00	Rt.	534

CONSTRUCTION

NEBRASKA
Good Life. Great Journey.
DEPARTMENT OF TRANSPORTATION

Roadway Design Division
1500 Nebraska Parkway
Lincoln, NE 68502
Office: 402-479-4601

★ NOT FINAL ★
PRELIMINARY PLAN
SUBJECT TO CHANGE

COMPUTER: B800570
DATE: 12-AUG-2025 13:55
FILE: 32395 Sheets Construction_US_FT.dgn

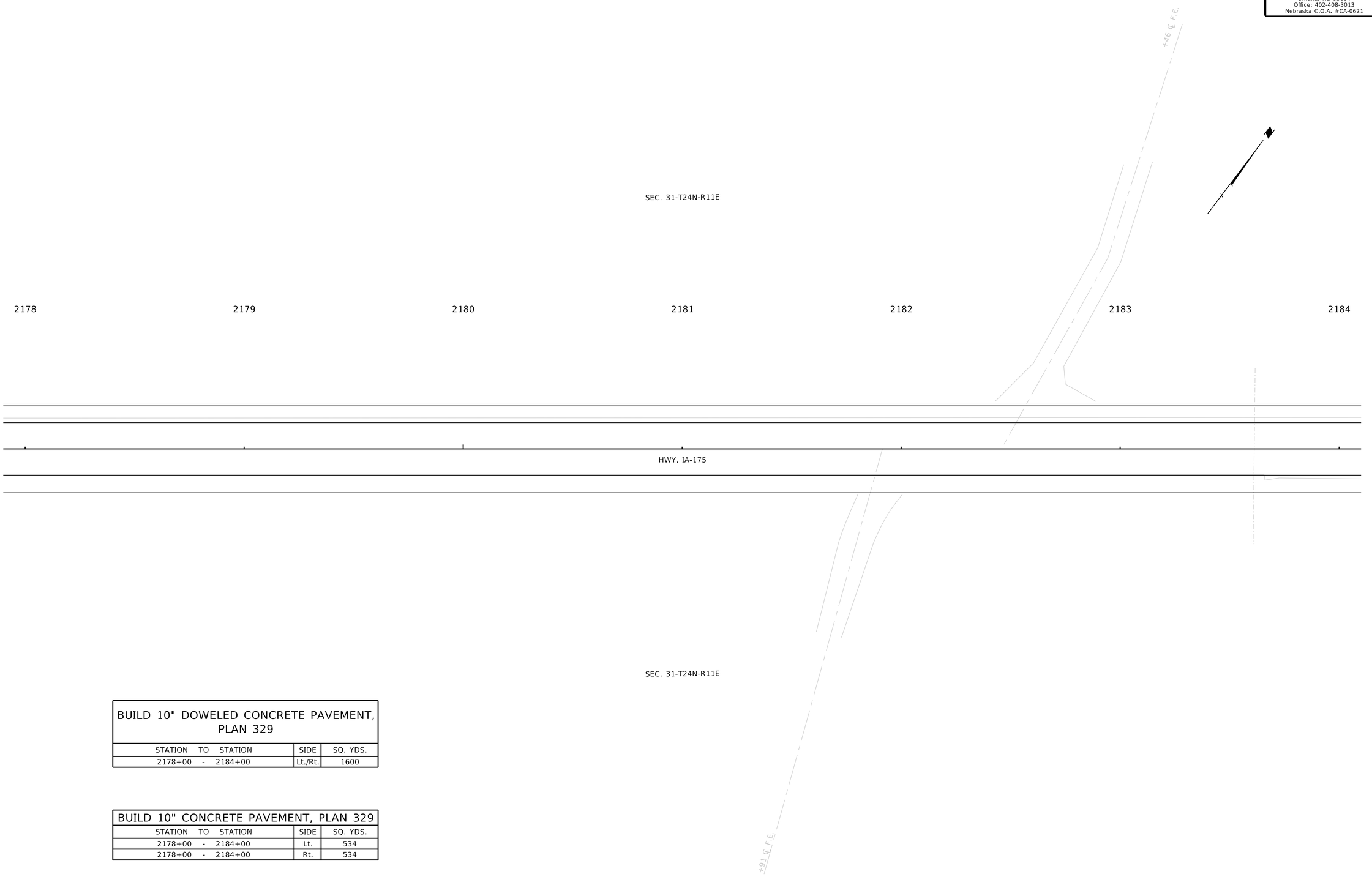
BURNS & MCDONNELL
ENGINEERING COMPANY, INC.
1010 N. 102nd Street, Suite 200
Omaha, NE 68114
Office: 402-408-3013
Nebraska C.O.A. #CA-0621

J29

Project Number
51-7(109)

C.N. 32395

DECATUR BRIDGE



BUILD 10" DOWELED CONCRETE PAVEMENT, PLAN 329				
STATION	TO	STATION	SIDE	SQ. YDS.
2178+00	-	2184+00	Lt./Rt.	1600

BUILD 10" CONCRETE PAVEMENT, PLAN 329				
STATION	TO	STATION	SIDE	SQ. YDS.
2178+00	-	2184+00	Lt.	534
2178+00	-	2184+00	Rt.	534

CONSTRUCTION

NEBRASKA
Good LIfe. Great Journey.
DEPARTMENT OF TRANSPORTATION

Roadway Design Division
1500 Nebraska Parkway
Lincoln, NE 68502
Office: 402-479-4601

★ NOT FINAL ★
PRELIMINARY PLAN
SUBJECT TO CHANGE

COMPUTER: B800570
DATE: 12-AUG-2025 13:55
FILE: 32395 Sheets Construction_US_FT.dgn

BURNS & MCDONNELL
ENGINEERING COMPANY, INC.
1010 N. 102nd Street, Suite 200
Omaha, NE 68114
Office: 402-408-3013
Nebraska C.O.A. #CA-0621

J30

Project Number
51-7(109)

C.N. 32395

DECATUR BRIDGE

SEC. 31-T24N-R11E

2184 2185 2186 2187 2188 2189 2190

HWY. IA-175

SEC. 31-T24N-R11E

+97 C.F.E.

BUILD 10" DOWELED CONCRETE PAVEMENT, PLAN 329			
STATION	TO STATION	SIDE	SQ. YDS.
2184+00	- 2186+50	Lt./Rt.	667

BUILD 10" CONCRETE PAVEMENT, PLAN 329			
STATION	TO STATION	SIDE	SQ. YDS.
2184+00	- 2186+50	Lt.	223
2184+00	- 2186+50	Rt.	223

CONSTRUCTION

NEBRASKA
Good Life. Great Journey.
DEPARTMENT OF TRANSPORTATION

Roadway Design Division
1500 Nebraska Parkway
Lincoln, NE 68502
Office: 402-479-4601

NOT FINAL
PRELIMINARY PLAN
SUBJECT TO CHANGE

COMPUTER: B800570
DATE: 12-AUG-2025 13:55
FILE: 32395 Sheets Construction_US_FT.dgn

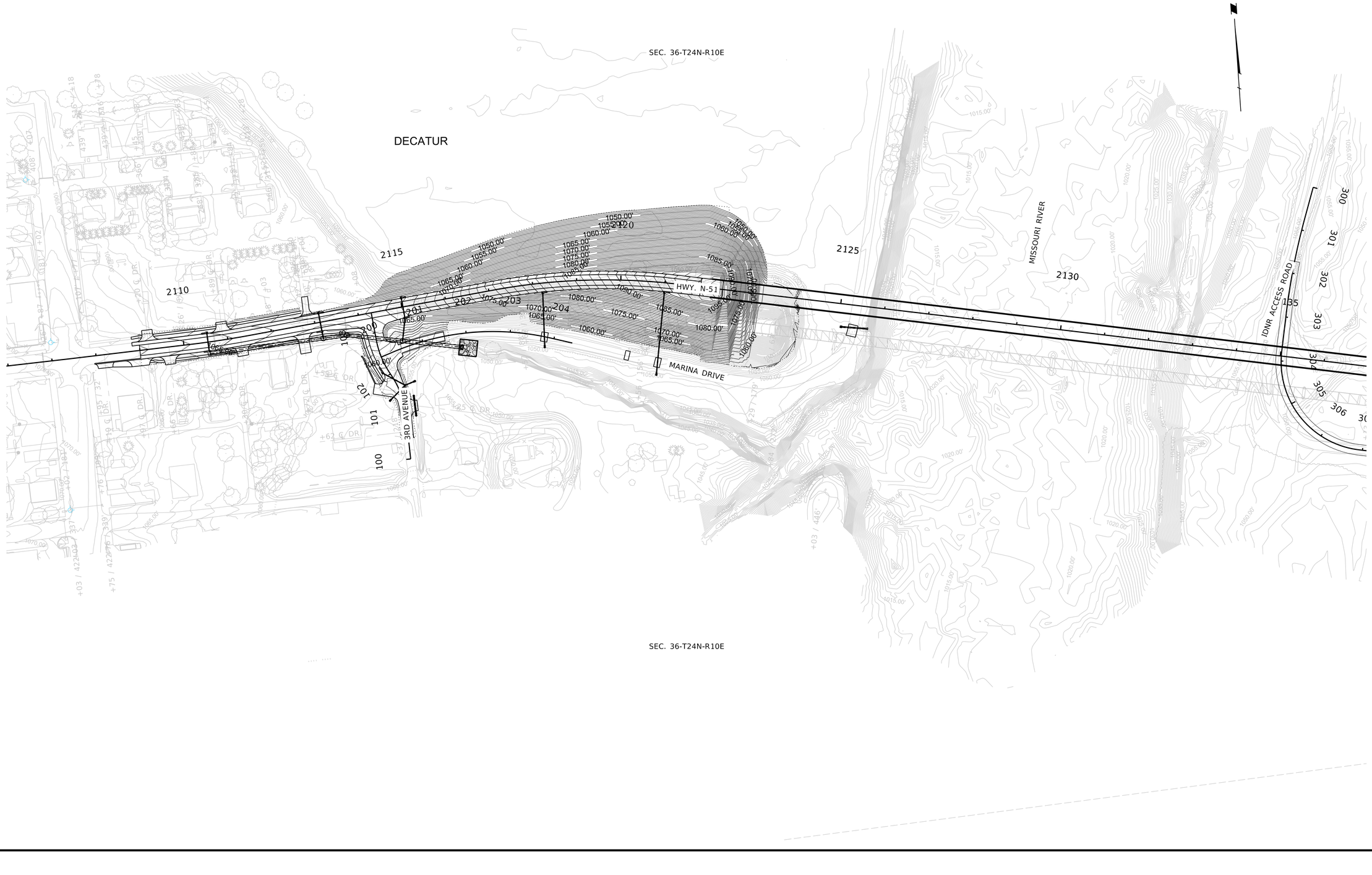
BURNS & MCDONNELL
ENGINEERING COMPANY, INC.
1010 N. 102nd Street, Suite 200
Omaha, NE 68114
Office: 402-408-3013
Nebraska C.O.A. #CA-0621

J31

Project Number
51-7(109)

C.N. 32395

DECATUR BRIDGE



CONTOURS

NEBRASKA
Good Life. Great Journey.
DEPARTMENT OF TRANSPORTATION

Roadway Design Division
1500 Nebraska Parkway
Lincoln, NE 68502
Office: 402-479-4601

NOT FINAL
PRELIMINARY PLAN
SUBJECT TO CHANGE

COMPUTER$$$$
DATE$$$$$$$$$$$$$$
DGNSPEC$$$$$$$$$$$

BURNS & MCDONNELL
ENGINEERING COMPANY, INC.
1010 N. 102nd Street, Suite 200
Omaha, NE 68114
Office: 402-408-3013
Nebraska C.O.A. #CA-0621

J32

Project Number
51-7(109)

C.N. 32395

DECATUR BRIDGE

SEC. 36-T24N-R10E

APROX. SECTION LINE

SEC. 31-T24N-R11E

HWY. IA-175

IDNR ACCESS ROAD

APROX. SECTION LINE

SEC. 1-T23N-R10E

APROX. SECTION LINE

SEC. 6-T23N-R11E

CONTOURS

NEBRASKA
Good Life. Great Journey.
DEPARTMENT OF TRANSPORTATION

Roadway Design Division
1500 Nebraska Parkway
Lincoln, NE 68502
Office: 402-479-4601

NOT FINAL
PRELIMINARY PLAN
SUBJECT TO CHANGE

COMPUTER$$$$
DATE$$$$$$$$$$$$$$
DGNSPEC$$$$$$$$$$$

BURNS & MCDONNELL
ENGINEERING COMPANY, INC.
1010 N. 102nd Street, Suite 200
Omaha, NE 68114
Office: 402-408-3013
Nebraska C.O.A. #CA-0621

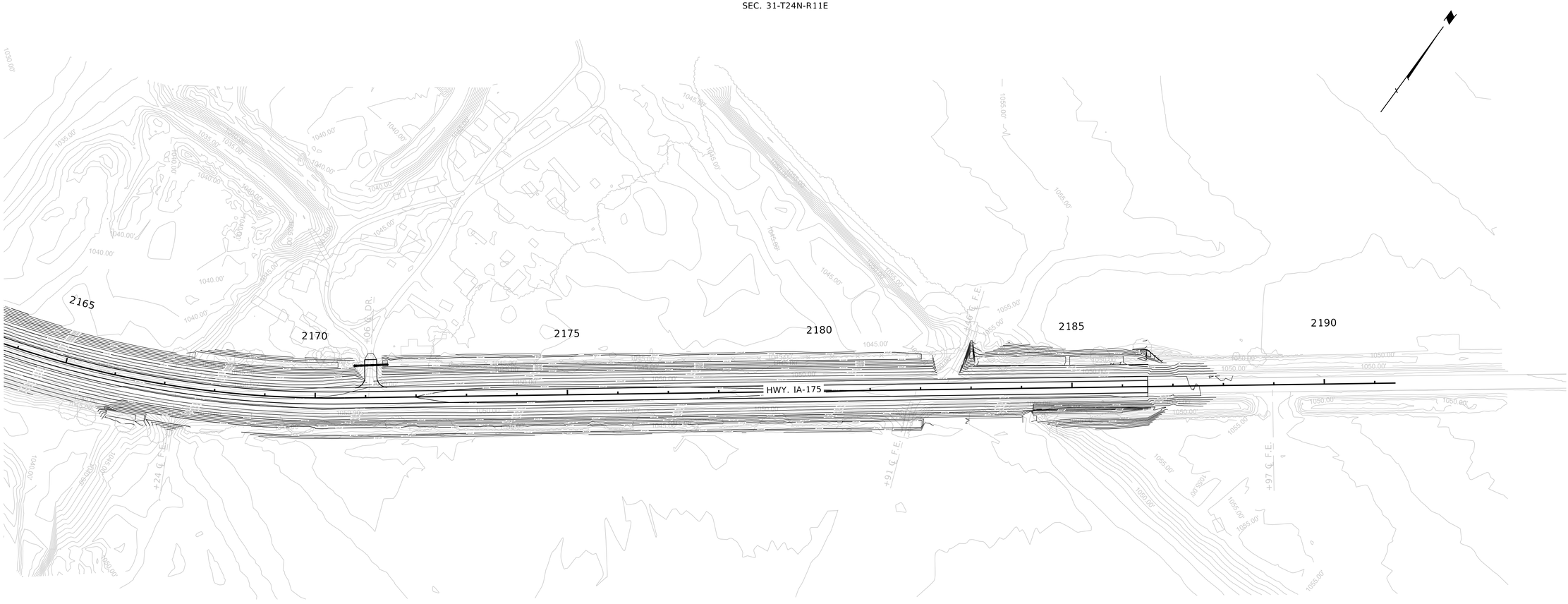
J33

Project Number
51-7(109)

C.N. 32395

DECATUR BRIDGE

SEC. 31-T24N-R11E



SEC. 31-T24N-R11E

APROX. SECTION LINE

SEC. 6-T23N-R11E

CONTOURS

NEBRASKA
Good Life. Great Journey.
DEPARTMENT OF TRANSPORTATION

Roadway Design Division
1500 Nebraska Parkway
Lincoln, NE 68502
Office: 402-479-4601

★ NOT FINAL ★
PRELIMINARY PLAN
SUBJECT TO CHANGE

COMPUTER$$$$
DATE$$$$$$$$$$$$$$$
DGNSPEC$$$$$$$$$$$$$

BURNS & MCDONNELL
ENGINEERING COMPANY, INC.
1010 N. 102nd Street, Suite 200
Omaha, NE 68114
Office: 402-408-3013
Nebraska C.O.A. #CA-0621

L1

Project Number
51-7(109)

C.N. 32395

DECATUR BRIDGE

DECATUR

SEC. 36-T24N-R10E

SEC. 36-T24N-R10E

HWY. N-51

BROADWAY STREET

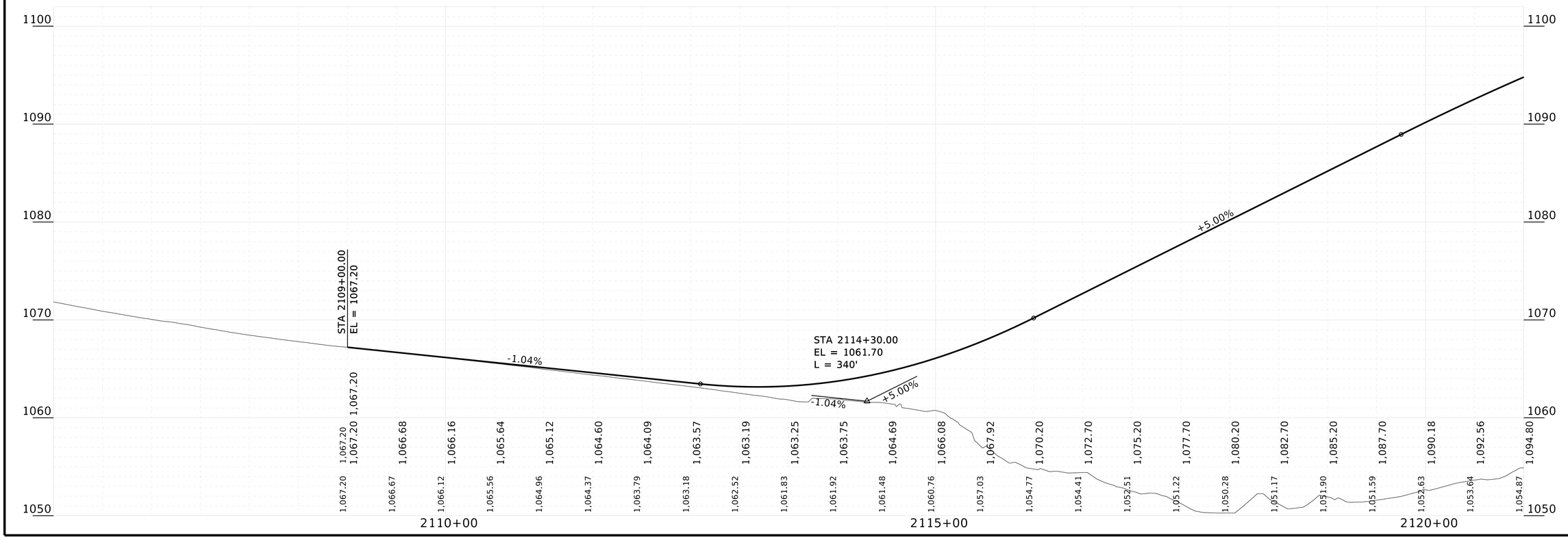
3RD AVENUE

MARINA DRIVE

2106 2107 2108 2109 2110 2111 2112 2113 2114 2115 2116 2117 2118 2119 2120 212

101 102 200 201 202 203 204

+20 ℄ DR. +89 ℄ DR. +84 ℄ DR. +19 ℄ DR. +97 ℄ DR. +66 ℄ DR. +30 ℄ DR. +72 ℄ DR. +53 ℄ DR. +25 ℄ DR. +62 ℄ DR.



HWY. N-51
PLAN & PROFILE

NEBRASKA
Good Life. Great Journey.
DEPARTMENT OF TRANSPORTATION

Roadway Design Division
1500 Nebraska Parkway
Lincoln, NE 68502
Office: 402-479-4601

* NOT FINAL *
PRELIMINARY PLAN
SUBJECT TO CHANGE

COMPUTER: B800570
DATE: 12-AUG-2025 13:55
FILE: 32395 Sheets Plan & Profile_US_FT.dgn

BURNS & MCDONNELL
ENGINEERING COMPANY, INC.
1010 N. 102nd Street, Suite 200
Omaha, NE 68114
Office: 402-408-3013
Nebraska C.O.A. #CA-0621

DECATUR

SEC. 36-T24N-R10E

2121 2122 2123 2124 2125 2126 2127 2128 2129 2130 2131 2132 2133 2134 2135 2136

302 303 304 305

HWY. N-51

MARINA DRIVE

IDNR ACCESS ROAD

MISSOURI RIVER

SEC. 36-T24N-R10E

+56 / 163'

+29 / 179'

+5.00% -2.85%

STA 2127+50.00
EL = 1127.70
L = 1550'

-2.85%

1130 1120 1110 1100 1090 1080

1,094.80 1,096.92 1,098.92 1,100.78 1,102.52 1,104.14 1,105.62 1,106.98 1,108.22 1,109.32 1,110.30 1,111.16 1,111.88 1,112.48 1,112.96 1,113.30 1,113.52 1,113.61 1,113.58 1,113.42 1,113.13 1,112.72 1,112.18 1,111.51 1,110.72 1,109.80 1,108.75 1,107.58 1,106.28 1,104.87 1,103.44

1,054.87 1,056.81 1,059.36 1,061.24 1,064.08 1,065.30 1,055.93 1,048.29 1,047.64 1,047.40 1,023.25 1,013.93 1,016.15 1,014.59 1,015.78 1,016.55 1,016.56 1,017.68 1,018.86 1,019.75 1,018.30 1,020.97 1,029.40 1,041.62 1,055.37 1,058.05 1,056.06 1,053.00 1,052.46 1,050.64 1,050.55

2125+00 2130+00 2135+00

L2

Project Number
51-7(109)

C.N. 32395

DECATUR BRIDGE

HWY. N-51
PLAN & PROFILE

NEBRASKA
Good Life. Great Journey.
DEPARTMENT OF TRANSPORTATION

Roadway Design Division
1500 Nebraska Parkway
Lincoln, NE 68502
Office: 402-479-4601

★ NOT FINAL ★
PRELIMINARY PLAN
SUBJECT TO CHANGE

COMPUTER: B800570
DATE: 12-AUG-2025 13:55
FILE: 32395 Sheets Plan & Profile_US_FT.dgn

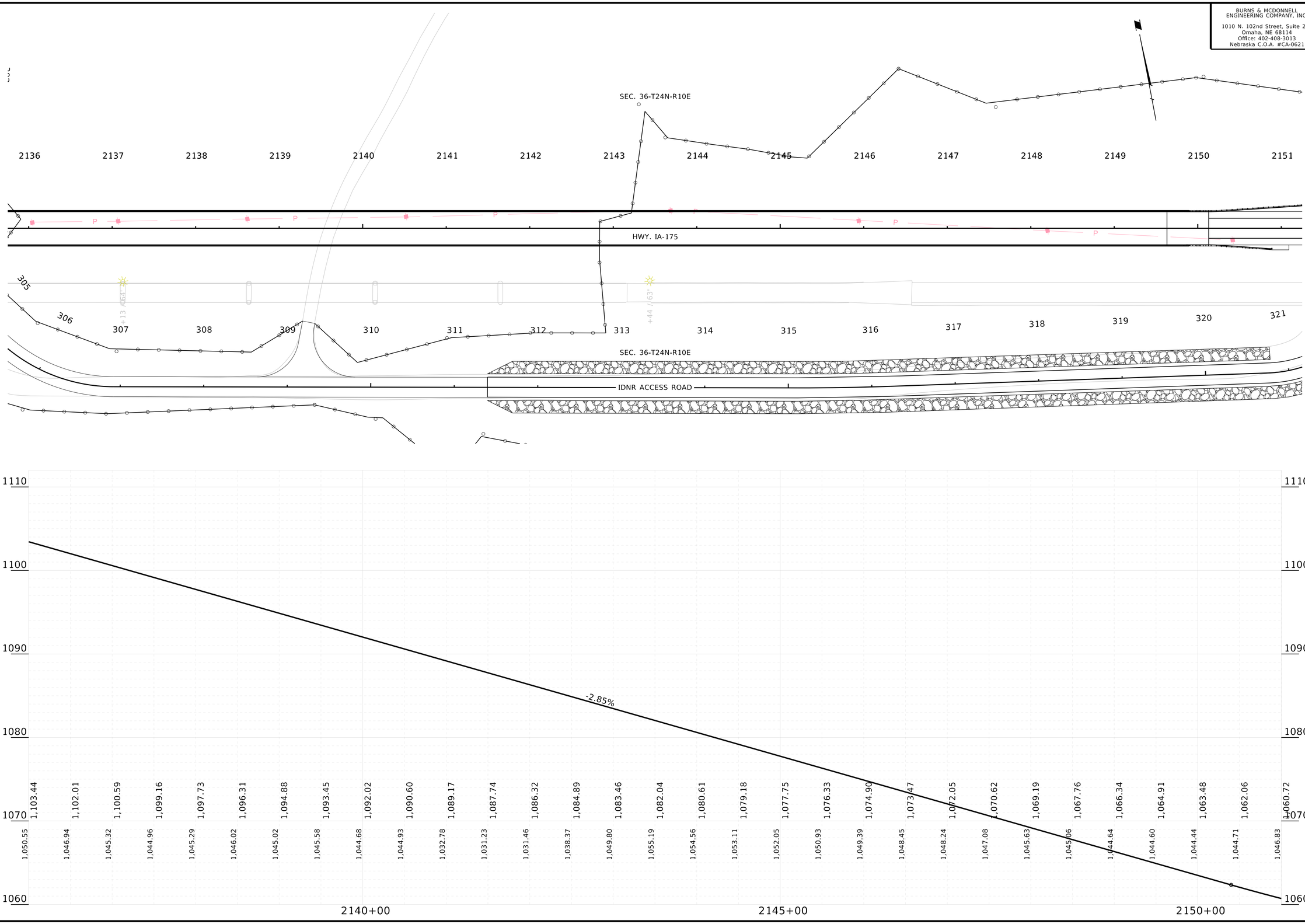
BURNS & MCDONNELL
ENGINEERING COMPANY, INC.
1010 N. 102nd Street, Suite 200
Omaha, NE 68114
Office: 402-408-3013
Nebraska C.O.A. #CA-0621

L3

Project Number
51-7(109)

C.N. 32395

DECATUR BRIDGE



HWY. N-51
PLAN & PROFILE

NEBRASKA
Good Life. Great Journey.
DEPARTMENT OF TRANSPORTATION

Roadway Design Division
1500 Nebraska Parkway
Lincoln, NE 68502
Office: 402-479-4601

★ NOT FINAL ★
PRELIMINARY PLAN
SUBJECT TO CHANGE

COMPUTER: B800570
DATE: 12-AUG-2025 13:55
FILE: 32395 Sheets Plan & Profile_US_FT.dgn

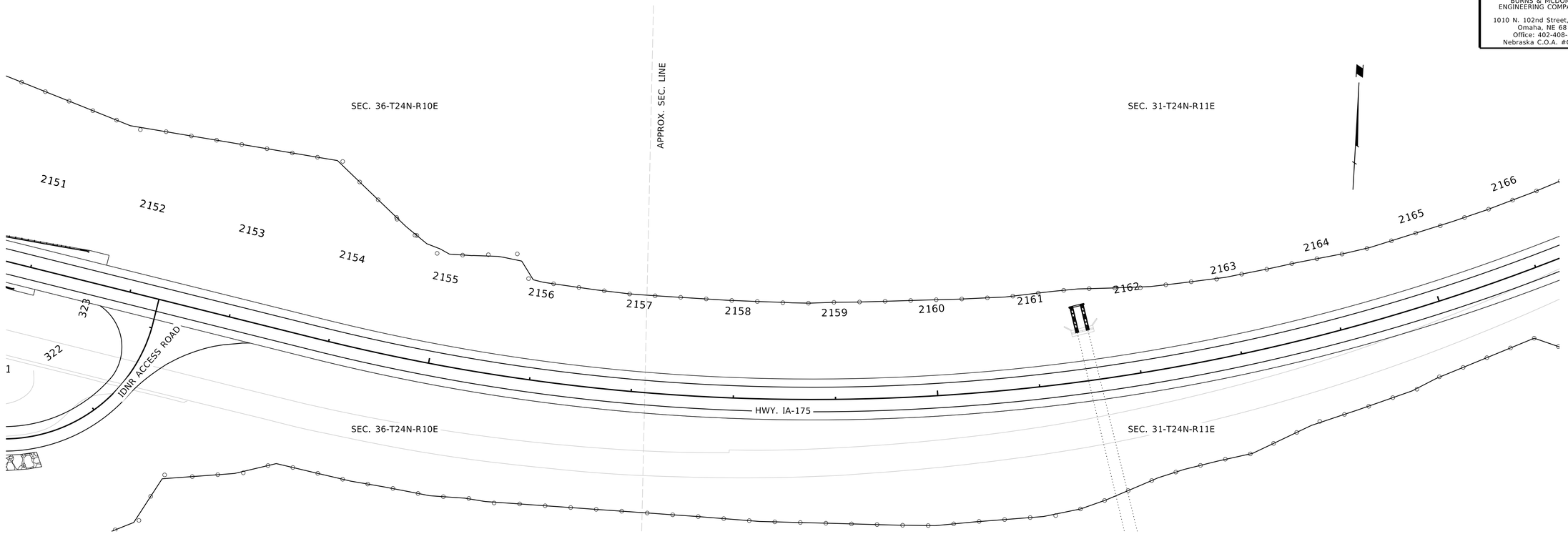
BURNS & MCDONNELL
ENGINEERING COMPANY, INC.
1010 N. 102nd Street, Suite 200
Omaha, NE 68114
Office: 402-408-3013
Nebraska C.O.A. #CA-0621

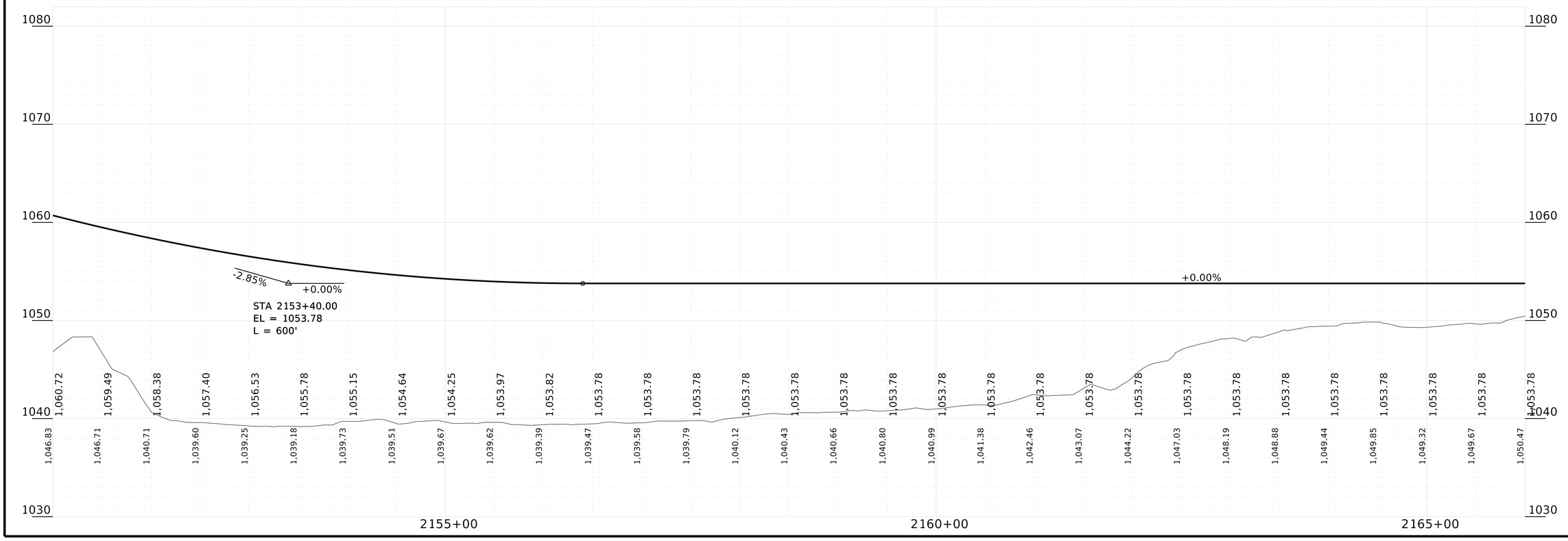
L4

Project Number
51-7(109)

C.N. 32395

DECATUR BRIDGE





HWY. N-51
PLAN & PROFILE

NEBRASKA
Good Life. Great Journey.
DEPARTMENT OF TRANSPORTATION

Roadway Design Division
1500 Nebraska Parkway
Lincoln, NE 68502
Office: 402-479-4601

★ NOT FINAL ★
PRELIMINARY PLAN
SUBJECT TO CHANGE

COMPUTER: B800570
DATE: 12-AUG-2025 13:55
FILE: 32395 Sheets Plan & Profile_US_FT.dgn

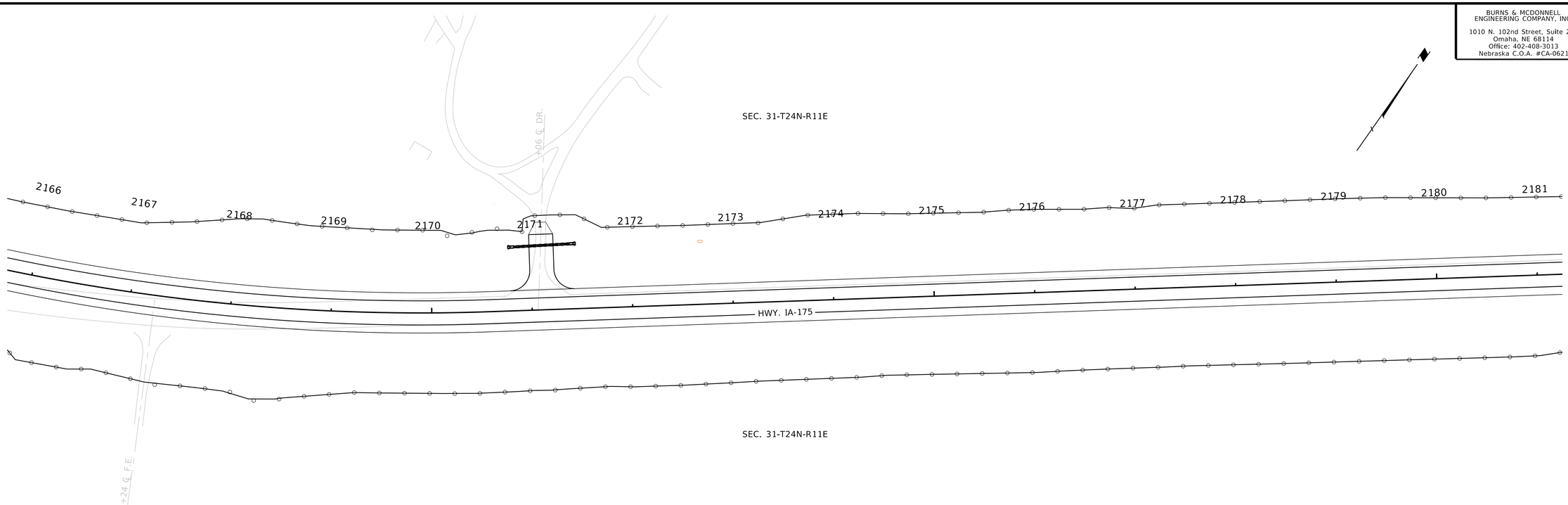
BURNS & MCDONNELL
ENGINEERING COMPANY, INC.
1010 N. 102nd Street, Suite 200
Omaha, NE 68114
Office: 402-408-3013
Nebraska C.O.A. #CA-0621

L5

Project Number
51-7(109)

C.N. 32395

DECATUR BRIDGE



HWY. N-51
PLAN & PROFILE

NEBRASKA
Good Life. Great Journey.
DEPARTMENT OF TRANSPORTATION

Roadway Design Division
1500 Nebraska Parkway
Lincoln, NE 68502
Office: 402-479-4601

★ NOT FINAL ★
PRELIMINARY PLAN
SUBJECT TO CHANGE

COMPUTER: B800570
DATE: 12-AUG-2025 13:55
FILE: 32395 Sheets Plan & Profile_US_FT.dgn

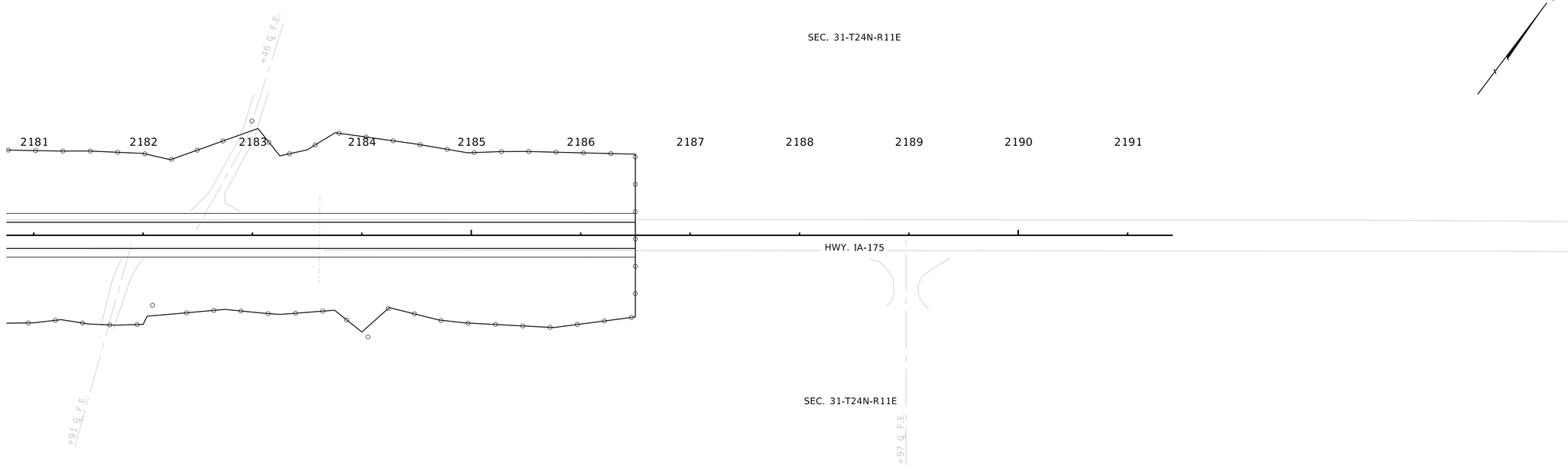
BURNS & MCDONNELL
ENGINEERING COMPANY, INC.
1010 N. 102nd Street, Suite 200
Omaha, NE 68114
Office: 402-408-3013
Nebraska C.O.A. #CA-0621

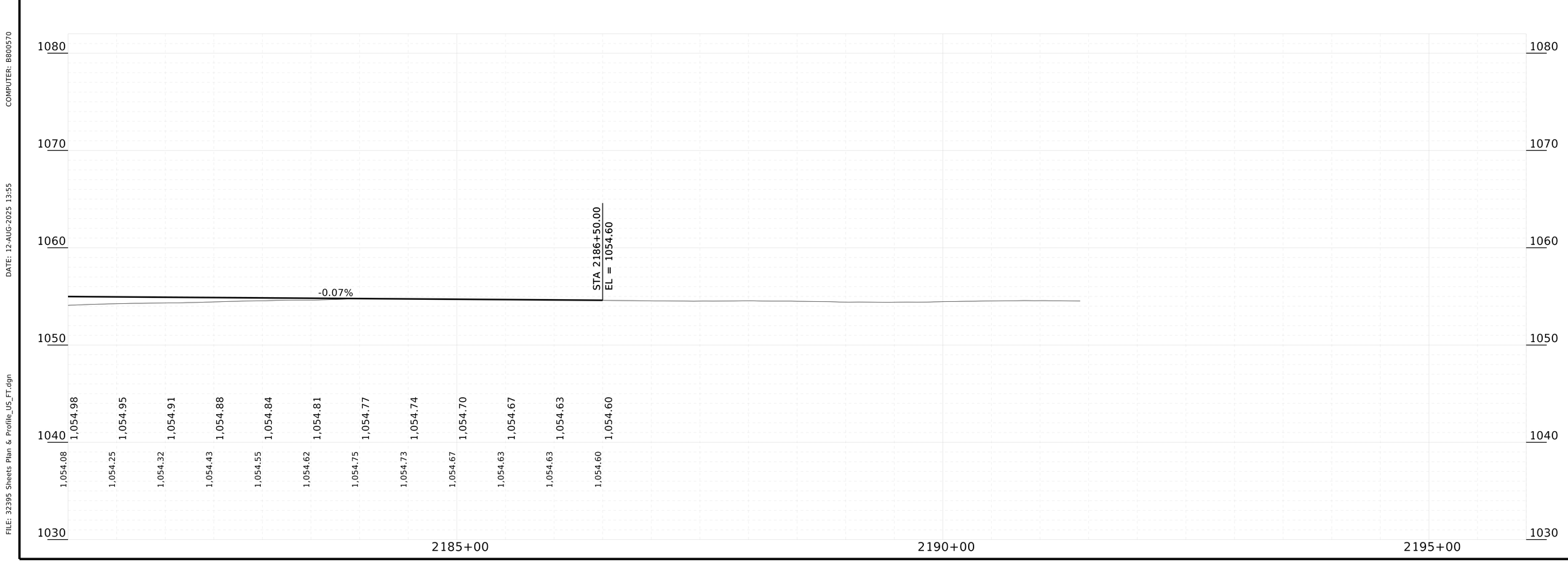
L6

Project Number
51-7(109)

C.N. 32395

DECATUR BRIDGE





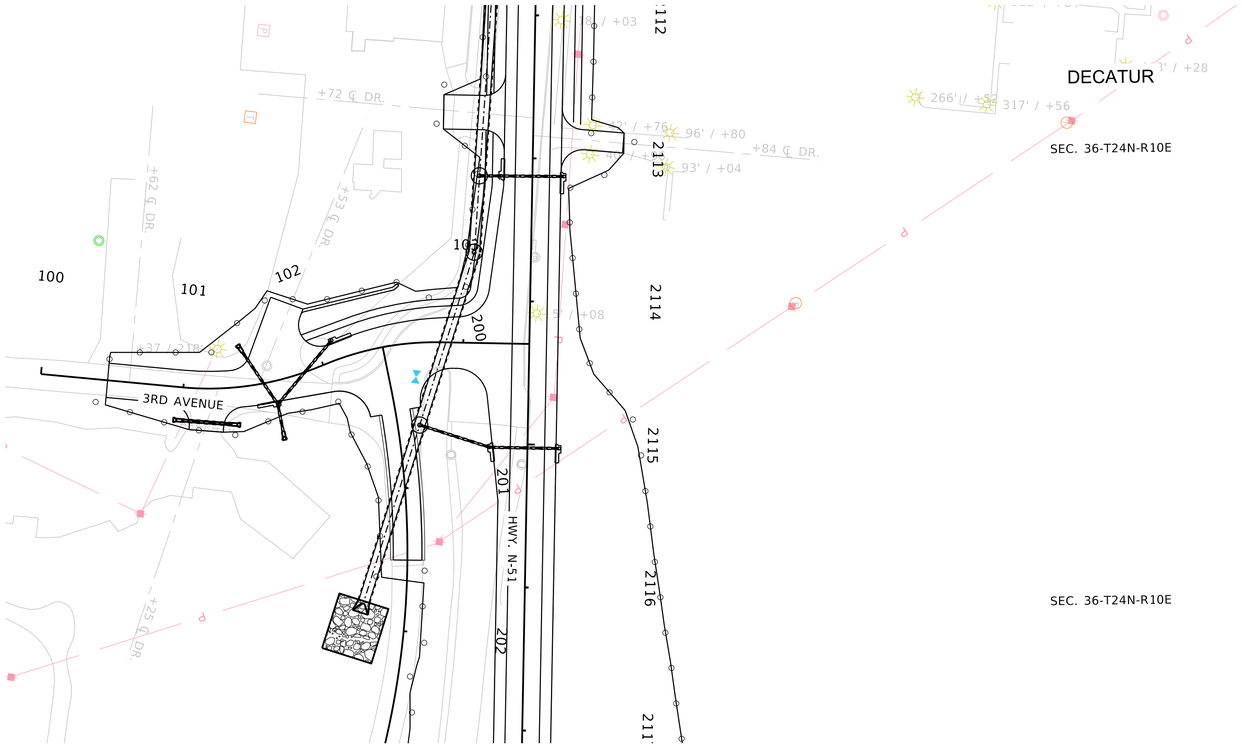
HWY. N-51
PLAN & PROFILE

NEBRASKA
Good Life. Great Journey.
DEPARTMENT OF TRANSPORTATION

Roadway Design Division
1500 Nebraska Parkway
Lincoln, NE 68502
Office: 402-479-4601

★ NOT FINAL ★
PRELIMINARY PLAN
SUBJECT TO CHANGE

COMPUTER: B800570
DATE: 12-AUG-2025 13:55
FILE: 32395 Sheets Plan & Profile_US_FT.dgn



BURNS & MCDONNELL
ENGINEERING COMPANY, INC.
1010 N. 102nd Street, Suite 200
Omaha, NE 68114
Office: 402-408-3013
Nebraska C.O.A. #CA-0621

L7

Project Number
51-7(109)

C.N. 32395

DECATUR BRIDGE

3RD AVENUE
PLAN & PROFILE

NEBRASKA
Good LIfe. Great Journey.
DEPARTMENT OF TRANSPORTATION

Roadway Design Division
1500 Nebraska Parkway
Lincoln, NE 68502
Office: 402-479-4601

★ NOT FINAL ★
PRELIMINARY PLAN
SUBJECT TO CHANGE

COMPUTER: B800570
DATE: 12-AUG-2025 13:55
FILE: 32395 Sheets Plan & Profile_US_FT.dgn

BURNS & MCDONNELL
ENGINEERING COMPANY, INC.
1010 N. 102nd Street, Suite 200
Omaha, NE 68114
Office: 402-408-3013
Nebraska C.O.A. #CA-0621

DECATUR

SEC. 36-T24N-R10E

HWY. N-51

MARINA DRIVE

3RD AVENUE

SEC. 36-T24N-R10E

STA 200+39.00
EL = 1059.49
L = 40'

STA 201+05.00
EL = 1056.19
L = 80'

-2.00%
-5.00%
-1.51%

1,060.27
1,058.91
1,056.71
1,055.51
1,055.36

1,059.84
1,057.95
1,056.43
1,055.42
1,055.36

200+00
205+00
210+00

1080
1070
1060
1050
1040
1030

COMPUTER: B800570
DATE: 12-AUG-2025 13:55
FILE: 32395 Sheets Plan & Profile_US_FT.dgn

L8

Project Number
51-7(109)

C.N. 32395

DECATUR BRIDGE

MARINA DRIVE
PLAN & PROFILE

NEBRASKA
Good Life. Great Journey.
DEPARTMENT OF TRANSPORTATION

Roadway Design Division
1500 Nebraska Parkway
Lincoln, NE 68502
Office: 402-479-4601

★ NOT FINAL ★
PRELIMINARY PLAN
SUBJECT TO CHANGE

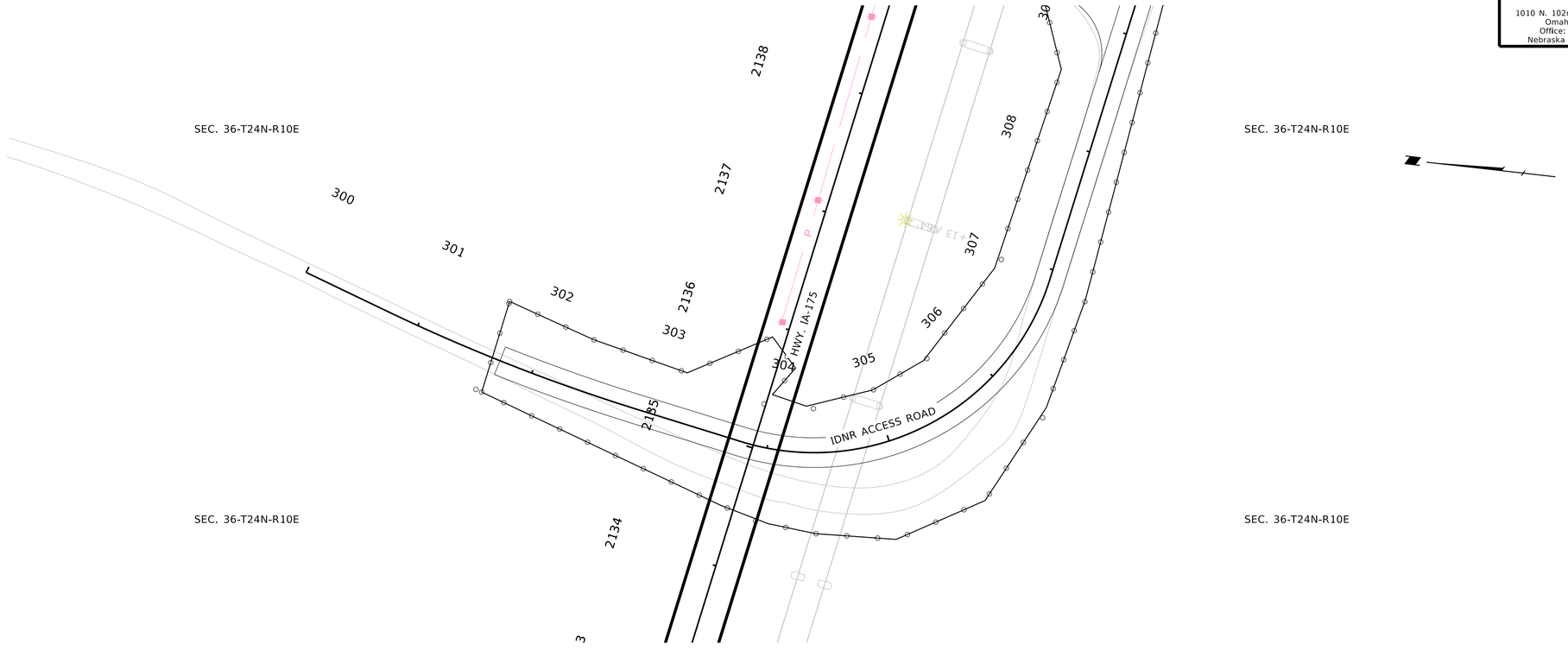
BURNS & MCDONNELL
ENGINEERING COMPANY, INC.
1010 N. 102nd Street, Suite 200
Omaha, NE 68114
Office: 402-408-3013
Nebraska C.O.A. #CA-0621

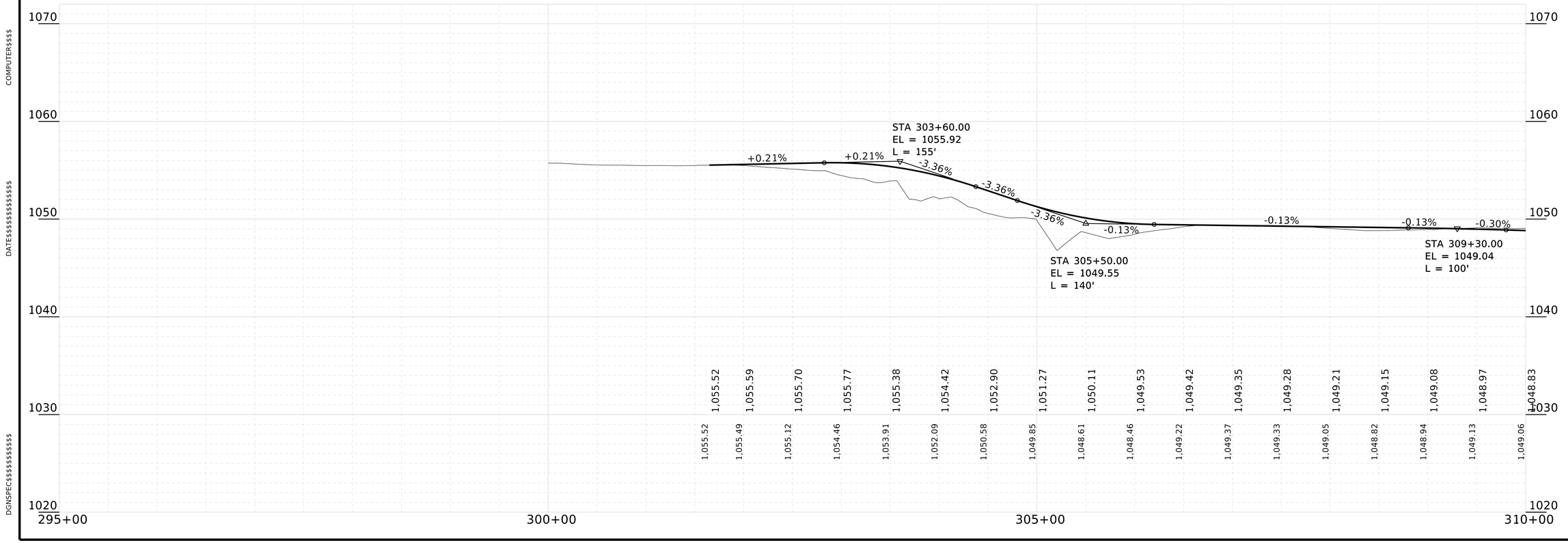
L9

Project Number
51-7(109)

C.N. 32395

DECATUR BRIDGE





PLAN & PROFILE

NEBRASKA
Good Life. Great Journey.
DEPARTMENT OF TRANSPORTATION

Roadway Design Division
1500 Nebraska Parkway
Lincoln, NE 68502
Office: 402-479-4601

★ NOT FINAL ★
PRELIMINARY PLAN
SUBJECT TO CHANGE

COMPUTER$$$$
DATE$$$$$$$$$$$$$$
DGNSPEC$$$$$$$$$$

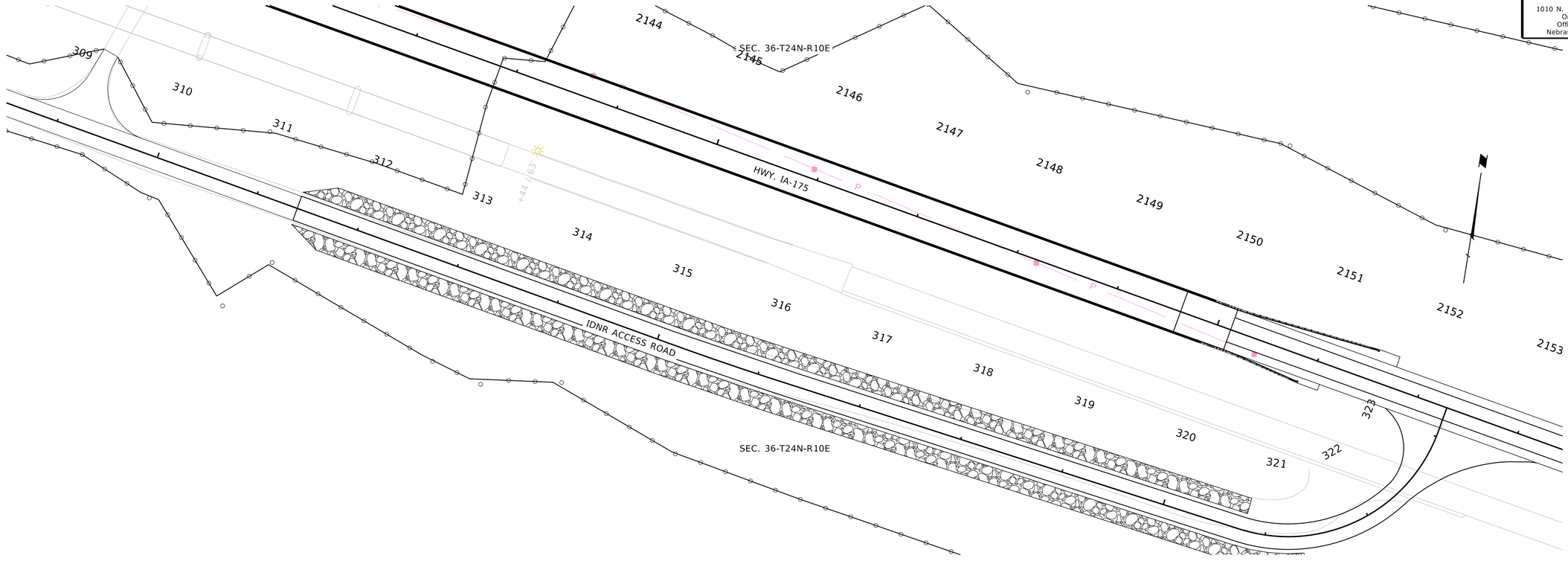
BURNS & MCDONNELL
ENGINEERING COMPANY, INC.
1010 N. 102nd Street, Suite 200
Omaha, NE 68114
Office: 402-408-3013
Nebraska C.O.A. #CA-0621

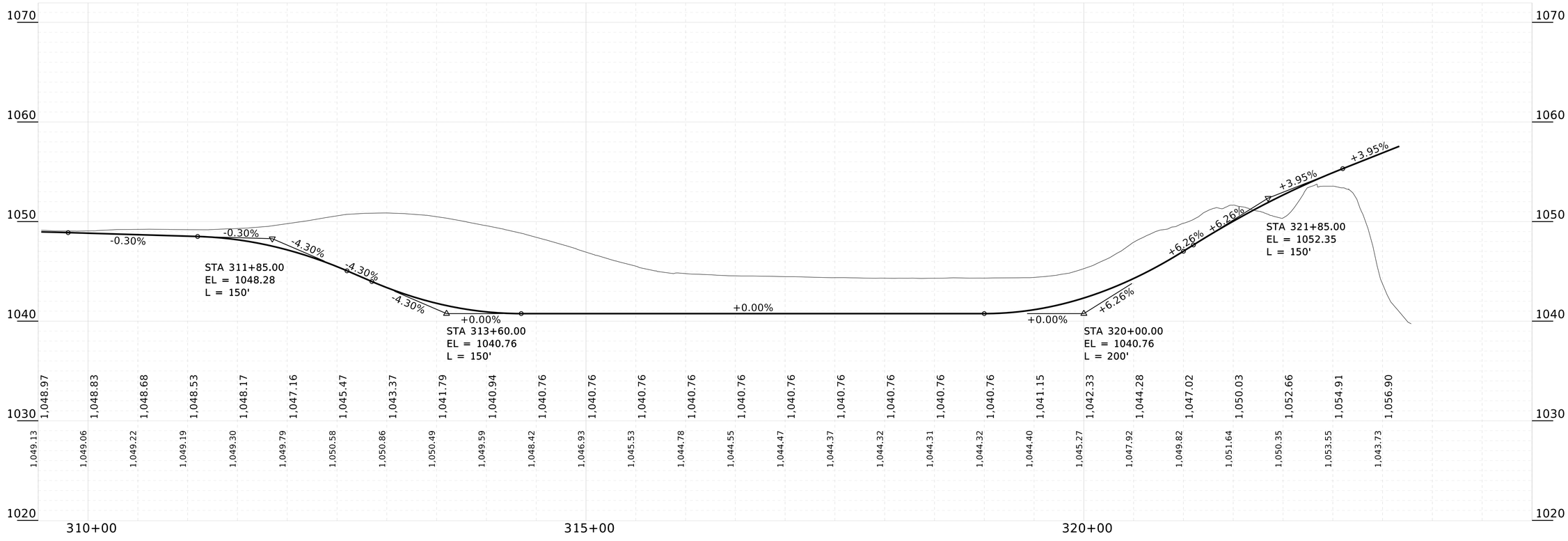
L10

Project Number
51-7(109)

C.N. 32395

DECATUR BRIDGE





PLAN & PROFILE

NEBRASKA
Good Life. Great Journey.
DEPARTMENT OF TRANSPORTATION

Roadway Design Division
1500 Nebraska Parkway
Lincoln, NE 68502
Office: 402-479-4601

★ NOT FINAL ★
PRELIMINARY PLAN
SUBJECT TO CHANGE

COMPUTER: B800570
DATE: 12-AUG-2025 13:55
FILE: 32395 Sheets Plan & Profile_US_FT.dgn

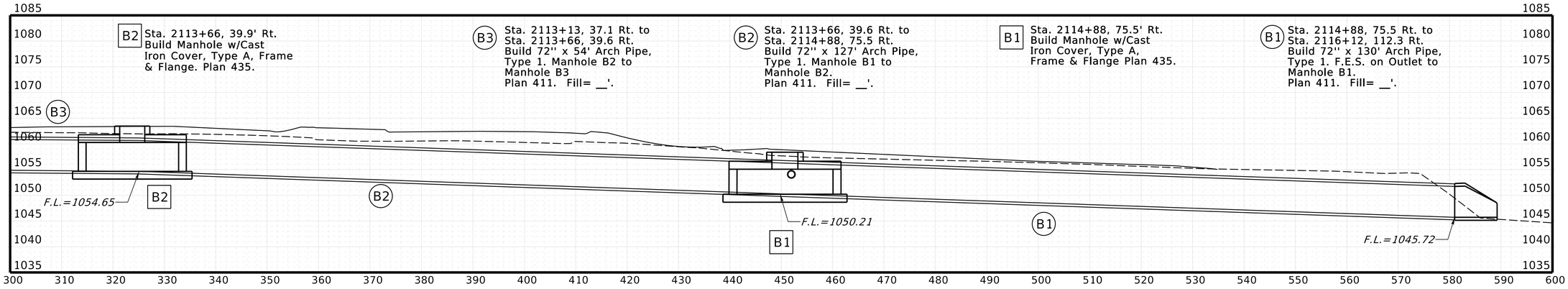
BURNS & MCDONNELL
ENGINEERING COMPANY, INC.
1010 N. 102nd Street, Suite 200
Omaha, NE 68114
Office: 402-408-3013
Nebraska C.O.A. #CA-0621

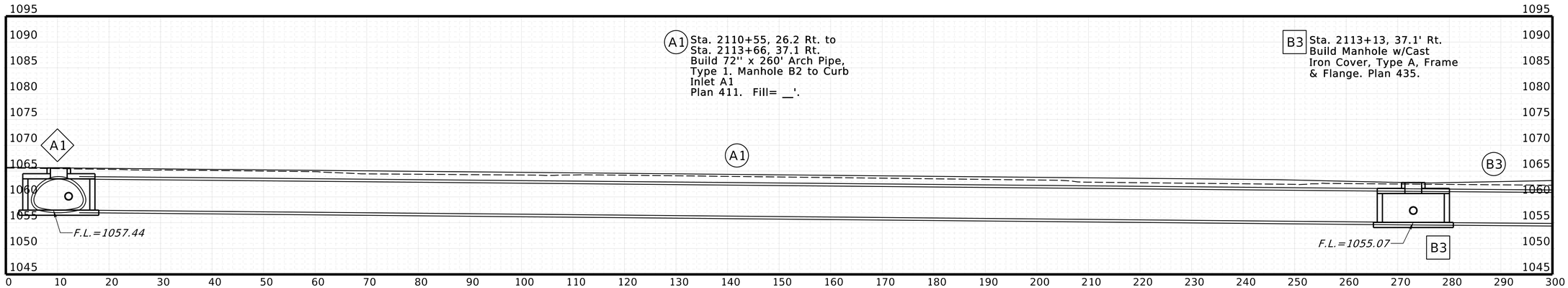
R1

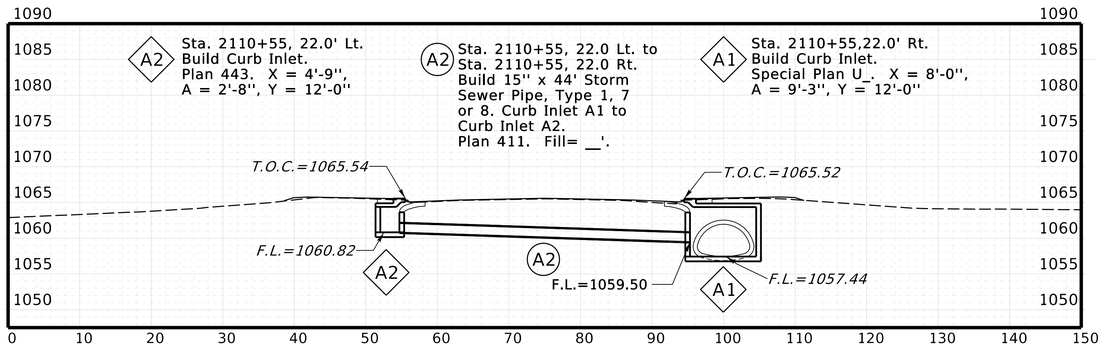
Project Number
51-7(109)

C.N. 32395

DECATUR BRIDGE







STORM SEWER
PIPE PROFILES

NEBRASKA
Good Life. Great Journey.
DEPARTMENT OF TRANSPORTATION

Roadway Design Division
1500 Nebraska Parkway
Lincoln, NE 68502
Office: 402-479-4601

★ NOT FINAL ★
PRELIMINARY PLAN
SUBJECT TO CHANGE

COMPUTER: B800570
DATE: 12-AUG-2025 13:56
FILE: 32395 Sheets Drainage X Sections_US_FT.dgn

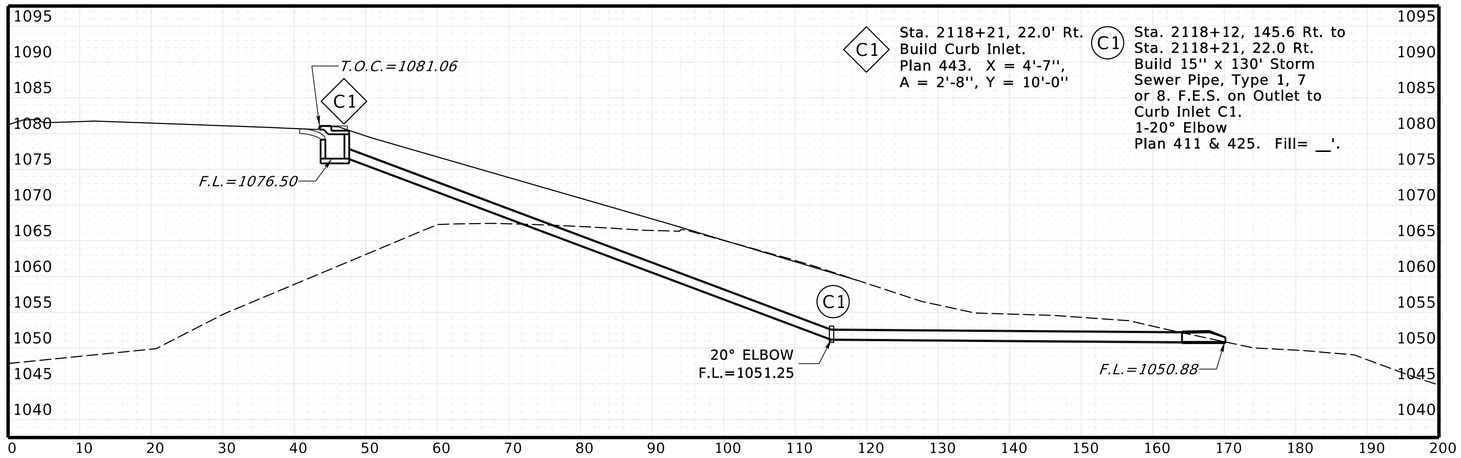
BURNS & MCDONNELL
ENGINEERING COMPANY, INC.
1010 N. 102nd Street, Suite 200
Omaha, NE 68114
Office: 402-408-3013
Nebraska C.O.A. #CA-0621

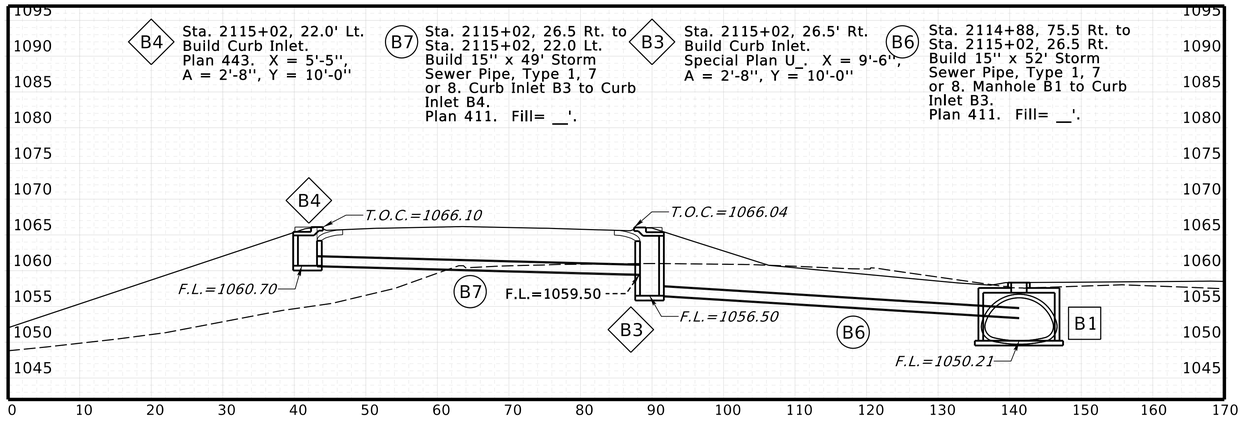
R2

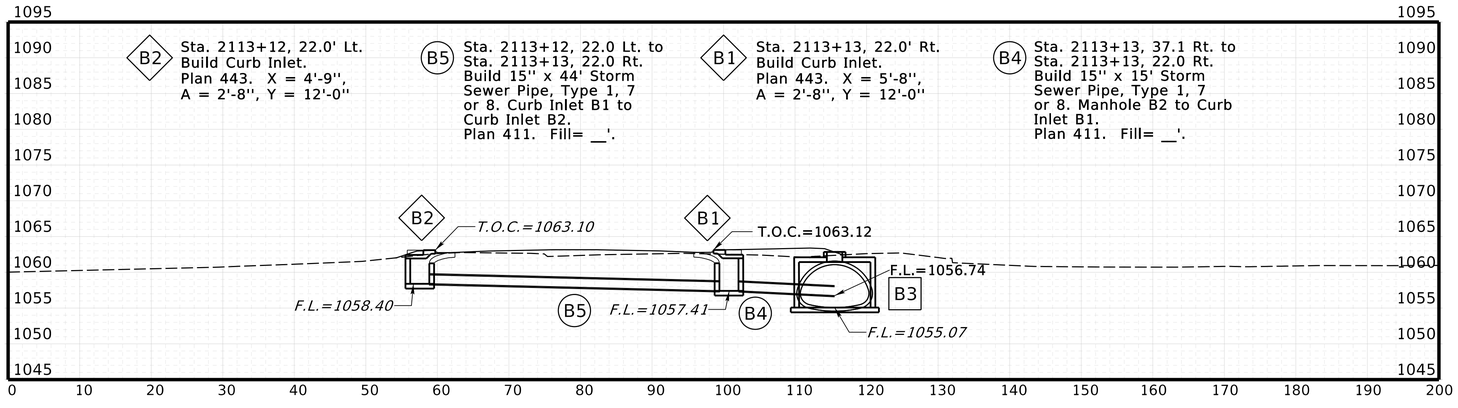
Project Number
51-7(109)

C.N. 32395

DECATUR BRIDGE







STORM SEWER
PIPE PROFILES

NEBRASKA
Good Life. Great Journey.
DEPARTMENT OF TRANSPORTATION

Roadway Design Division
1500 Nebraska Parkway
Lincoln, NE 68502
Office: 402-479-4601

NOT FINAL
PRELIMINARY PLAN
SUBJECT TO CHANGE

COMPUTER: B800570
DATE: 12-AUG-2025 13:56
FILE: 32395 Sheets Drainage X Sections_US_FT.dgn

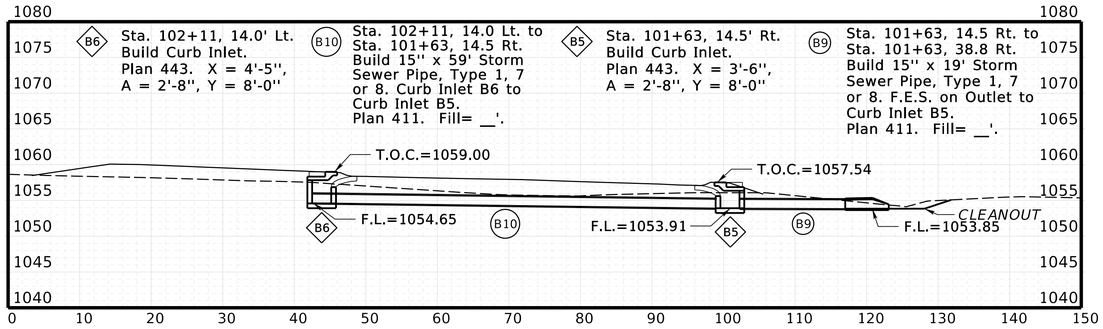
BURNS & MCDONNELL
ENGINEERING COMPANY, INC.
1010 N. 102nd Street, Suite 200
Omaha, NE 68114
Office: 402-408-3013
Nebraska C.O.A. #CA-0621

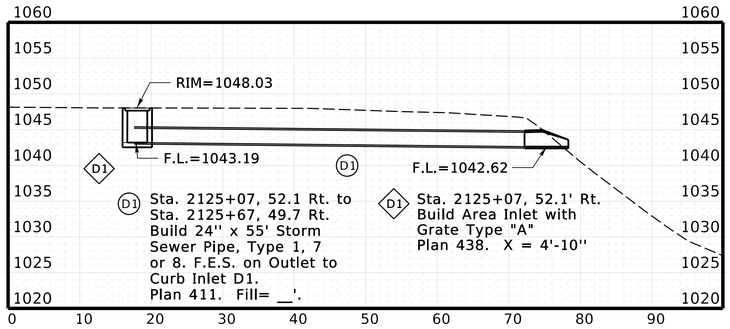
R3

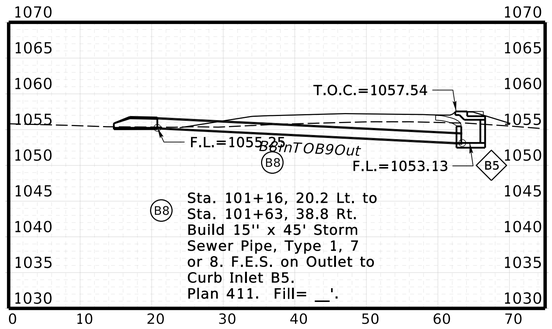
Project Number
51-7(109)

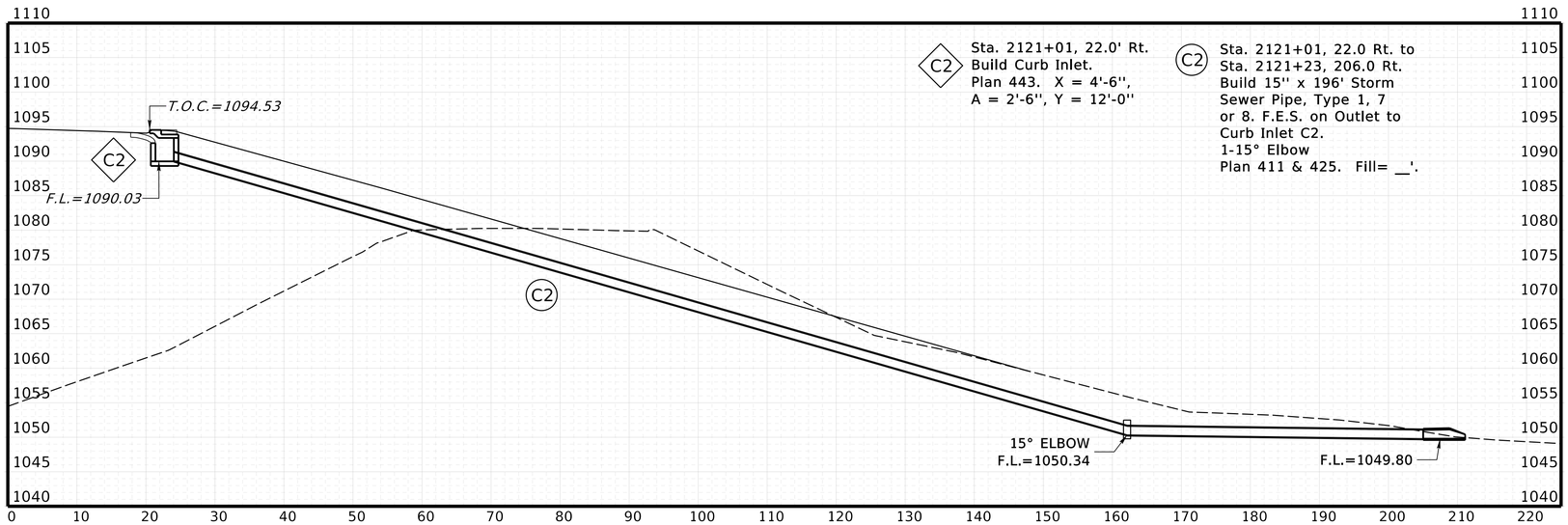
C.N. 32395

DECATUR BRIDGE









CULVERT END CLEANOUT SHALL BE PERFORMED BY THE CULVERT CONTRACTOR. (SUBSIDIARY)

STORM SEWER
PIPE PROFILES

NEBRASKA
Good Life. Great Journey.
DEPARTMENT OF TRANSPORTATION

Roadway Design Division
1500 Nebraska Parkway
Lincoln, NE 68502
Office: 402-479-4601

NOT FINAL
PRELIMINARY PLAN
SUBJECT TO CHANGE

COMPUTER: B800570
DATE: 12-AUG-2025 13:56
FILE: 32395 Sheets Drainage X Sections_US_FT.dgn

BURNS & MCDONNELL
ENGINEERING COMPANY, INC.
1010 N. 102nd Street, Suite 200
Omaha, NE 68114
Office: 402-408-3013
Nebraska C.O.A. #CA-0621

R4

Project Number
51-7(109)

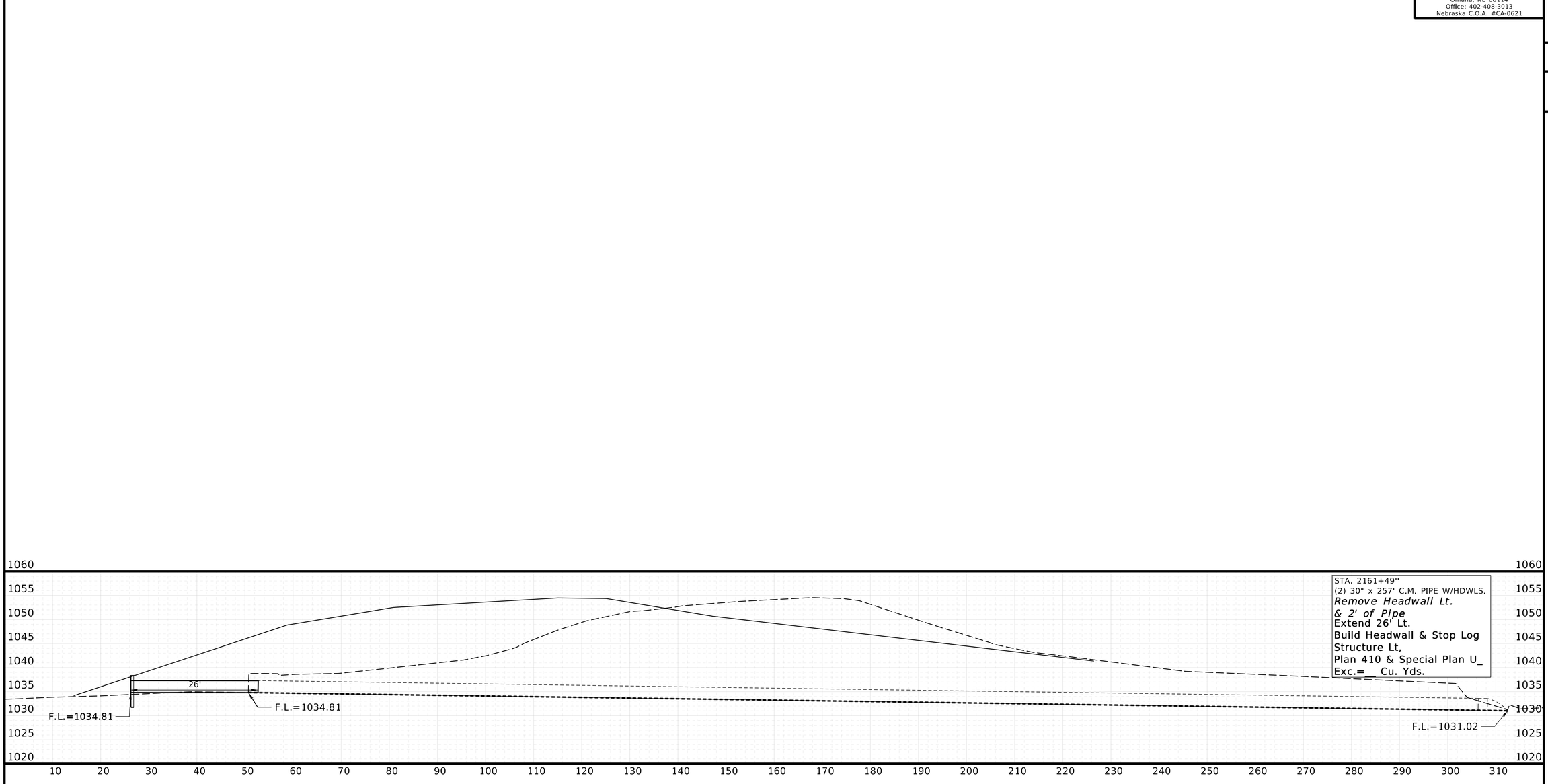
C.N. 32395

DECATUR BRIDGE

COMPUTER$$$$

DATE$$$$$$$$$$$$$$$

DGNSPEC$$$$$$$$$$$

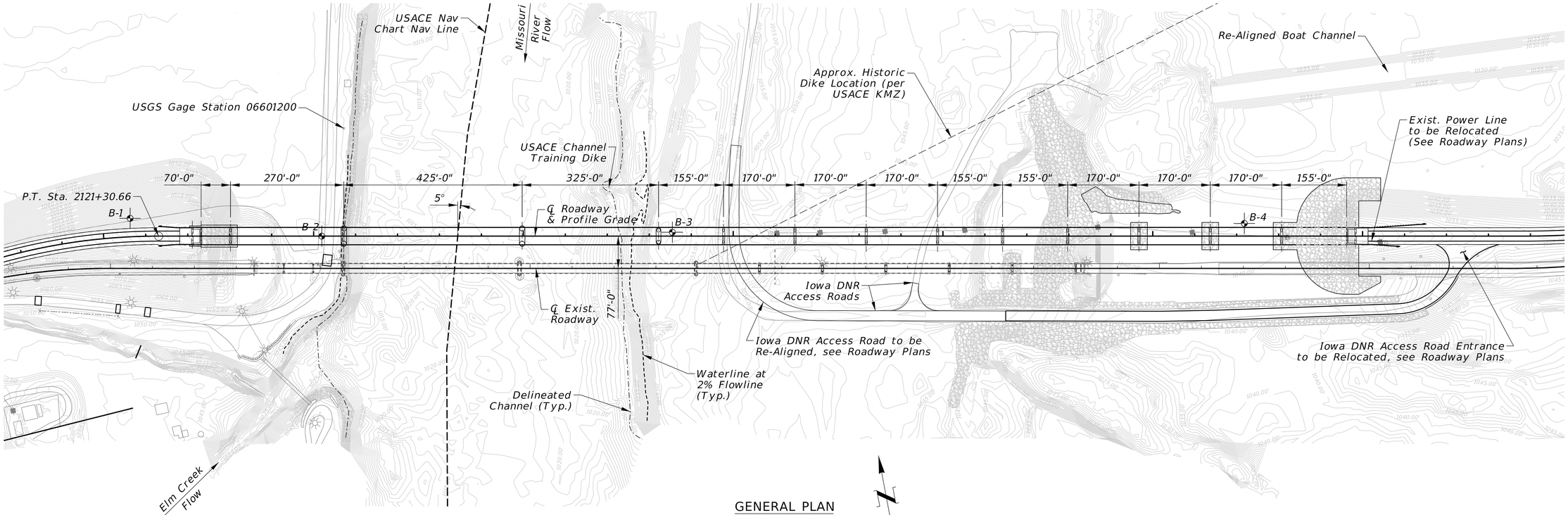


STORM SEWER
PIPE PROFILES

NEBRASKA
Good Life. Great Journey.
DEPARTMENT OF TRANSPORTATION

Roadway Design Division
1500 Nebraska Parkway
Lincoln, NE 68502
Office: 402-479-4601

★ NOT FINAL ★
PRELIMINARY PLAN
SUBJECT TO CHANGE



GENERAL PLAN
Scale 1" = 120'-0"

BRIDGE HYDRAULIC INFORMATION

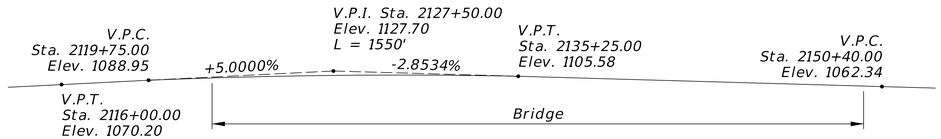
STREAM: MISSOURI RIVER
D.A. = 316,130 SQ. MI.
Q100 = 220,600 C.F.S. (BASE FLOOD)
Q100 = 220,600 C.F.S. (BRIDGE - BASE FLOOD)
Q100 H.W. ELEV. = 1051.60 FT. (MAIN CHANNEL, UPSTREAM SIDE)
W.W.A. BELOW H. W. = 36,790 SQ. FT.
Q200 = 271,000 C.F.S. (OVERTOPPING FLOOD)
LOW ROAD ELEV. = 1053.78 FT.
Q (O.H.W.) = 47,560 C.F.S.
ORDINARY HIGH WATER ELEV. = 1035.0 FT.

SEE PLAN & ELEVATION SHEETS FOR SCOUR ELEV.

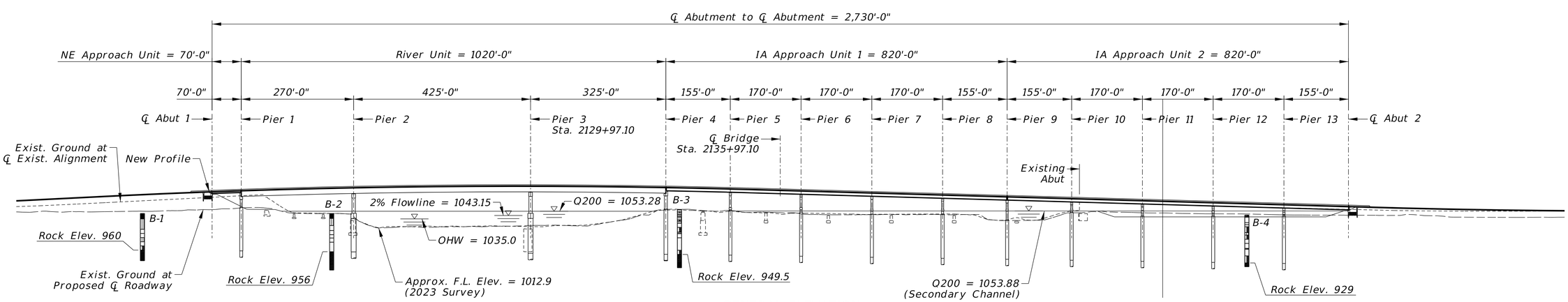
Grade Elevations shown are at the Profile Grade Line. All Grade Elevations shall be to top of concrete.

This structure is located on N-51 and IA-175 across the Missouri River in Burt County, NE and Monona County, IA. Sec. 36-T24N-R10E.

TRAFFIC DATA		
YEAR	*2029*	*2049*
ADT	*1,830*	*1,855*
DHV	*195*	*200*
HEAVY TRUCKS	*10%*	*10%*



PROFILE GRADE



GENERAL ELEVATION
Scale 1" = 120'-0"

NOTES:

All elevations referenced to North American Vertical Datum of 1988 (NAVD88).
Contours on this sheet show proposed conditions.

S1

PROJECT NUMBER
STP-51-7(109)

C.N. 32395

LOCATION
Decatur Bridge

STRUCTURE NUMBER
S051 03644

2730'-0" 14-SPAN
MISSOURI RIVER BRIDGE

GENERAL LAYOUT

DATE AUG 2025
Q.C. ENGINEER: J. Sarson
DETAILED BY: T. McDowell
DESIGNED BY: A. Ferdon

COUNTY Burt
HWY. NO. N-51
REF. POST. XXX.XX
STA. 2125+97.10
DESIGN CODE LRFD 10th Edition

SKEW 0°
ROADWAY 40'-0"
FHWA CONST. TYPE X441
DESIGN LIVE LOAD HL-93

NEBRASKA
Good Life. Great Journey.
DEPARTMENT OF TRANSPORTATION

BRIDGE DIVISION
1500 Nebraska Parkway
Lincoln, NE 68502
Office: 402-479-4701

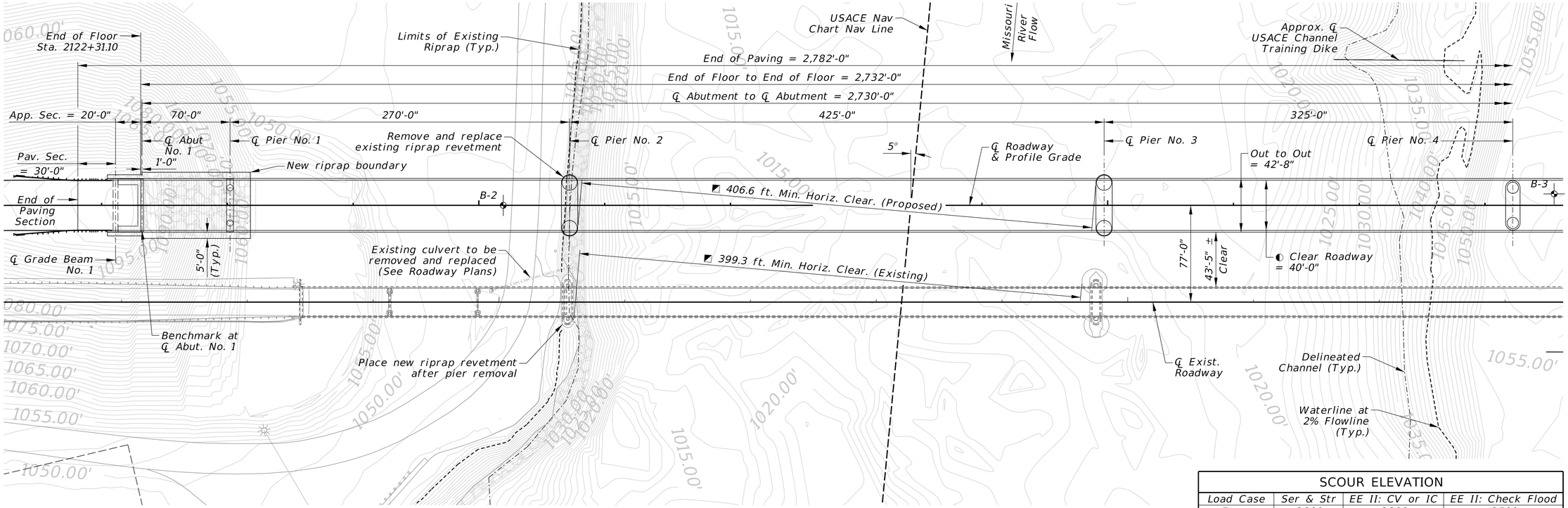
STATE BRIDGE ENGINEER
Ross D. Barron, P.E.
State of Nebraska
E-14018

NOT FINAL
PRELIMINARY PLAN
SUBJECT TO CHANGE

BURNS & MCDONNELL ENGINEERING COMPANY, INC.
1010 N. 102ND COURT, SUITE 200
OMAHA, NE 68114
Office: 402-408-3013
Nebraska C.O.A. #CA-0621

SPECIAL PLAN NO. 1 / 9

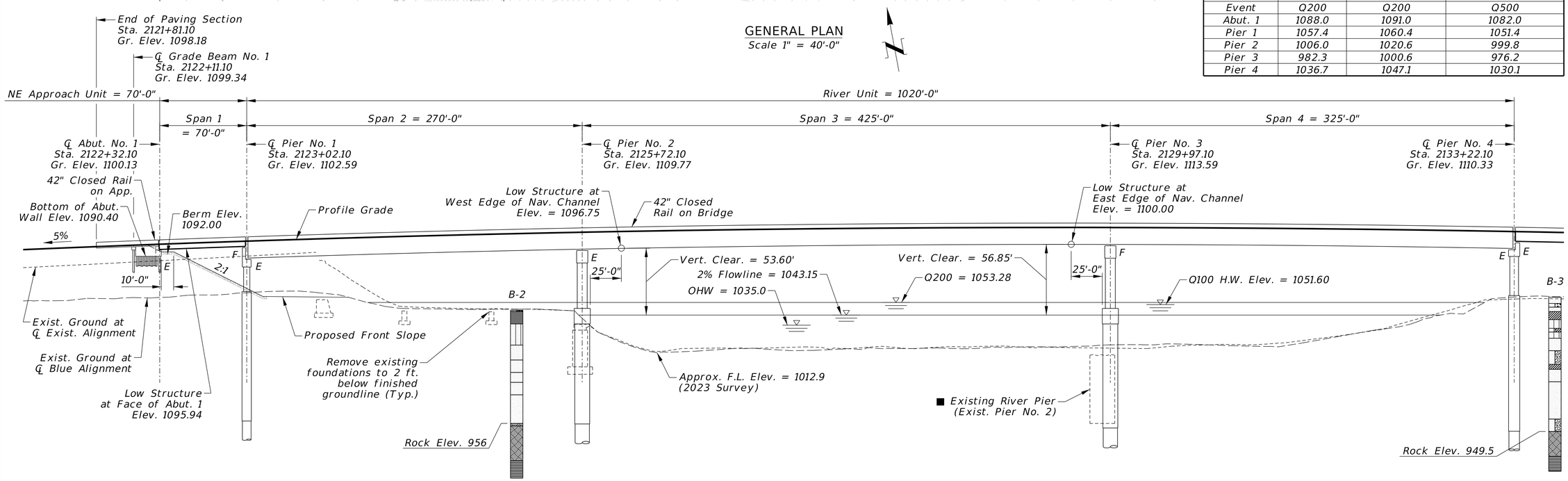
Computer: B255640
Date: 12-AUG-2025 09:52
File: S051_03644_TSL.dgn



GENERAL PLAN
Scale 1" = 40'-0"

SCOUR ELEVATION

Load Case	Ser & Str	EE II: CV or IC	EE II: Check Flood
Event	Q200	Q200	Q500
Abut. 1	1088.0	1091.0	1082.0
Pier 1	1057.4	1060.4	1051.4
Pier 2	1006.0	1020.6	999.8
Pier 3	982.3	1000.6	976.2
Pier 4	1036.7	1047.1	1030.1



GENERAL ELEVATION
Scale 1" = 40'-0"

NOTES:

◩ Measured perpendicular to USACE Nav. Line
■ Remove existing River Pier to minimum of: Elev. 1013.5, or 2 ft. below the channel bottom.
Contours on this sheet show proposed conditions.

S2

PROJECT NUMBER
STP-51-7(109)

C.N. 32395

LOCATION
Decatur
Bridge

STRUCTURE NUMBER
S051 03644

2730'-0" 14-SPAN
MISSOURI RIVER BRIDGE

PLAN & ELEVATION - SHEET 1 OF 3

Q.C. ENGINEER: J. Sarson
DATE AUG 2025

DESIGNED BY: A. Ferdon
DETAILED BY: T. McDowell
DESIGN CODE LRFD 10th Edition
STA. 2125+97.10
REF. POST. XXX.XX
HWY. NO. N-51
COUNTY Burt
SKEW 0°
ROADWAY 40'-0"
FHWA CONST. TYPE X441
DESIGN LIVE LOAD HL-93

NEBRASKA
Good Life. Great Journey.
DEPARTMENT OF TRANSPORTATION

BRIDGE DIVISION
1500 Nebraska Parkway
Lincoln, NE 68502
Office: 402-479-4701
STATE BRIDGE ENGINEER
Ross D. Barron, P.E.
State of Nebraska
E-14018

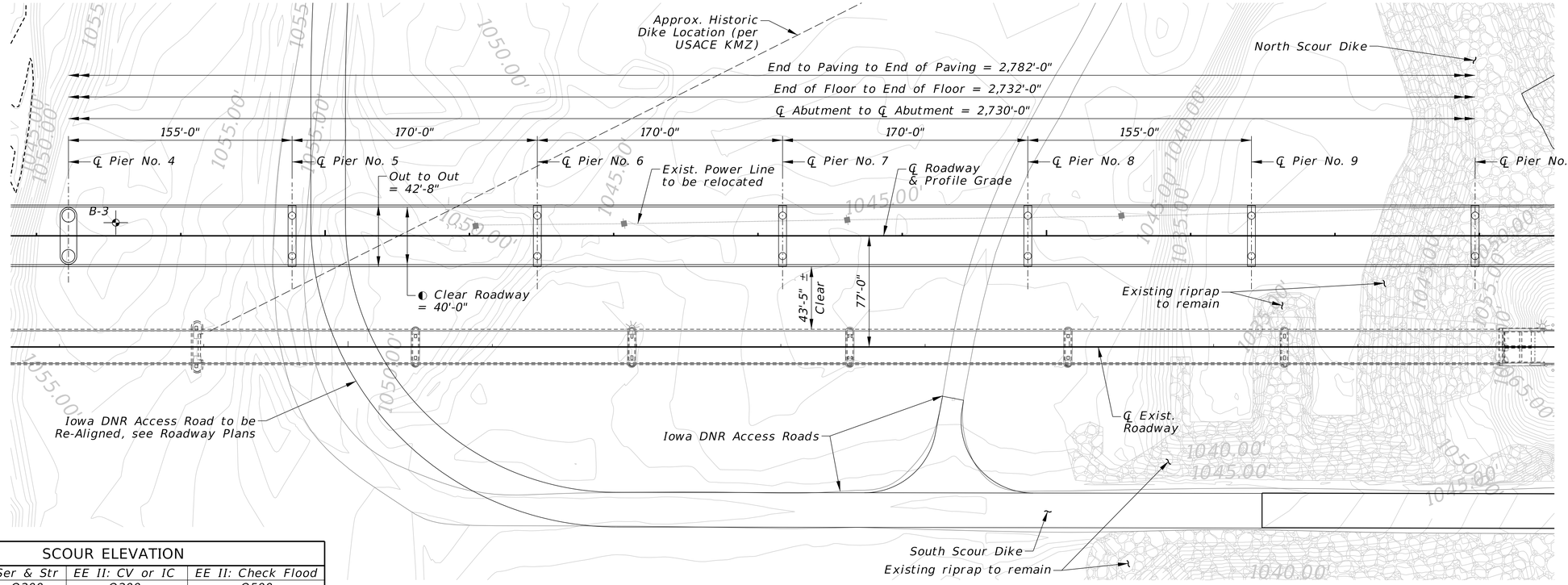
★ NOT FINAL ★
PRELIMINARY
PLAN
SUBJECT TO CHANGE

BURNS & MCDONNELL
ENGINEERING COMPANY, INC.
1010 N. 102ND COURT, SUITE 200
OMAHA, NE 68114
Office: 402-408-3013
Nebraska C.O.A. #CA-0621

SPECIAL PLAN NO. 1

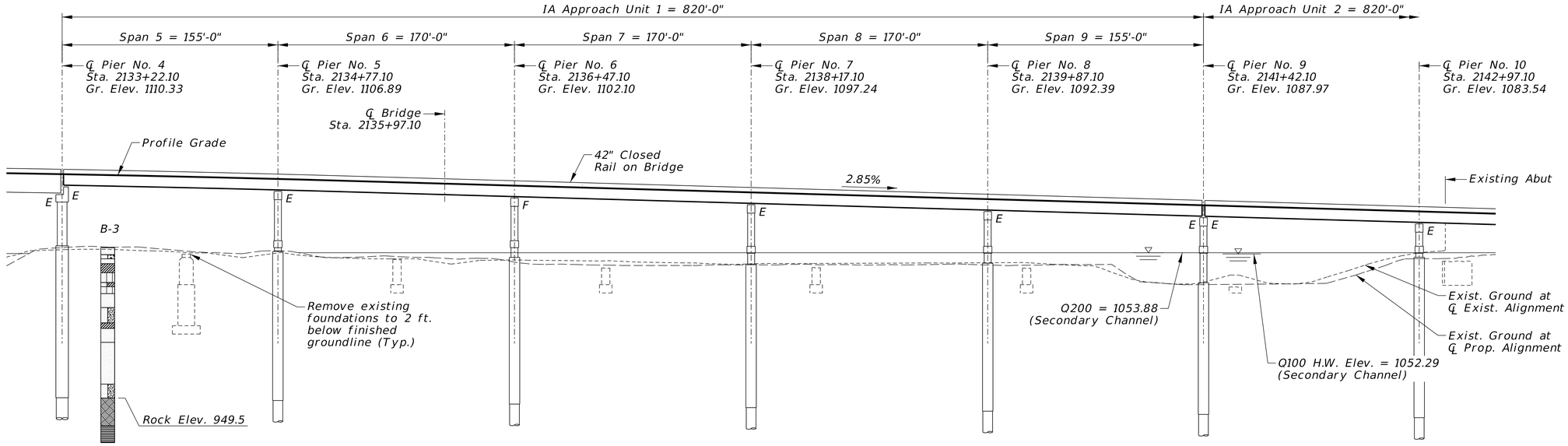
2 / 9

COMPUTER$$$$
DATE$$$$$$$$$$$$$$
DGNSPEC$$$$$$$$$$$$



GENERAL PLAN
Scale 1" = 40'-0"

SCOUR ELEVATION			
Load Case	Ser & Str	EE II: CV or IC	EE II: Check Flood
Event	Q200	Q200	Q500
Pier 5	1042.3	1048.8	1036.1
Pier 6	1033.6	1040.1	1027.4
Pier 7	1032.3	1038.8	1026.1
Pier 8	1032.0	1038.5	1025.8
Pier 9	1009.3	1020.2	1002.9



GENERAL ELEVATION
Scale 1" = 40'-0"

NOTES:
Contours on this sheet show proposed conditions.

S3

PROJECT NUMBER
STP-51-7(109)

C.N. 32395

LOCATION
Decatur Bridge

STRUCTURE NUMBER
S051 03644

2730'-0" 14-SPAN
MISSOURI RIVER BRIDGE

PLAN & ELEVATION - SHEET 2 OF 3

DESIGNED BY: A. Ferdon
DETAILED BY: T. McDowell
Q.C. ENGINEER: J. Sarson
DATE AUG 2025

COUNTY Burt
HWY. NO. N-51
REF. POST. XXX.XX
STA. 2125+97.10
DESIGN CODE LRFD 10th Edition
SKEW 0°
ROADWAY 40'-0"
FHWA CONST. TYPE X441
DESIGN LIVE LOAD HL-93

NEBRASKA
Good Life. Great Journey.
DEPARTMENT OF TRANSPORTATION

BRIDGE DIVISION
1500 Nebraska Parkway
Lincoln, NE 68502
Office: 402-479-4701

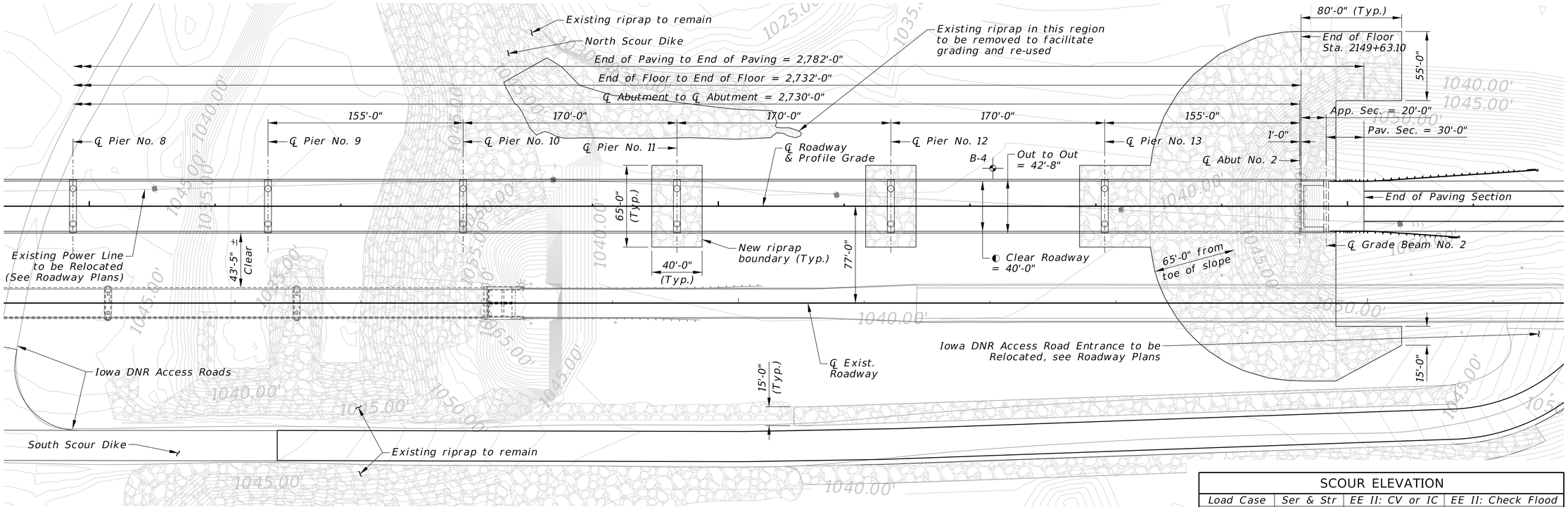
STATE BRIDGE ENGINEER
Ross D. Barron, P.E.
State of Nebraska
E-14018

NOT FINAL
PRELIMINARY PLAN
SUBJECT TO CHANGE

BURNS & MCDONNELL ENGINEERING COMPANY, INC.
1010 N. 102ND COURT, SUITE 200
OMAHA, NE 68114
Office: 402-408-3013
Nebraska C.O.A. #CA-0621

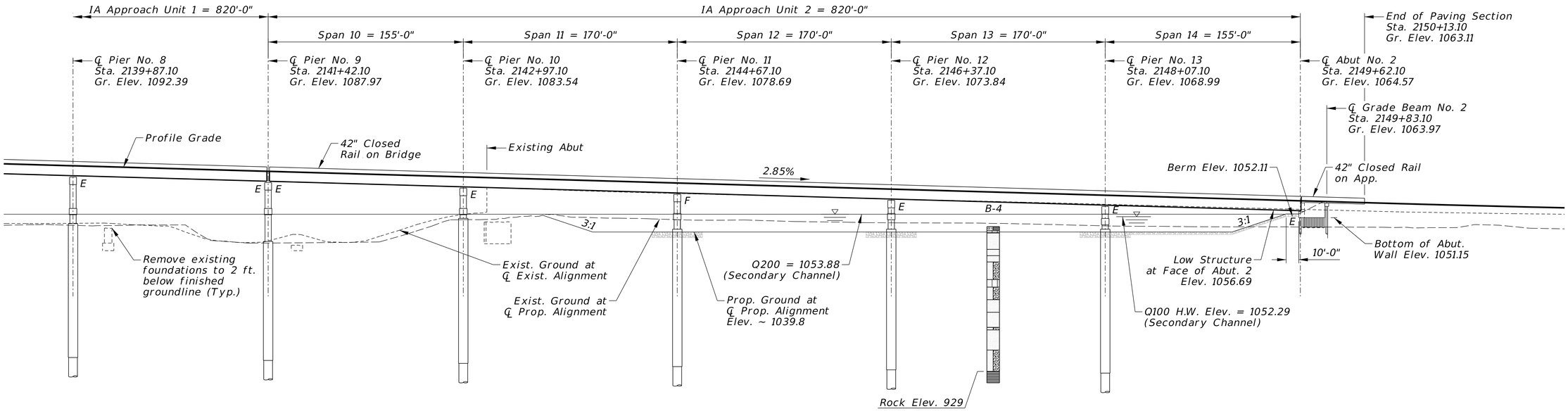
SPECIAL PLAN NO. 1 / 9

COMPUTER$$$$
DATE$$$$$$$$$$$$$$
DGNSPEC$$$$$$$$$$$$



SCOUR ELEVATION			
Load Case	Ser & Str	EE II: CV or IC	EE II: Check Flood
Event	Q200	Q200	Q500
Pier 10	1027.8	1038.7	1021.4
Pier 11	992.5	1016.2	990.6
Pier 12	992.5	1016.2	990.6
Pier 13	968.9	1004.4	967.3
Abut. 2	1048.1	1051.1	1042.1

GENERAL PLAN
Scale 1" = 40'-0"



GENERAL ELEVATION
Scale 1" = 40'-0"

NOTES:
Contours on this sheet show proposed conditions.

BURNS & MCDONNELL ENGINEERING COMPANY, INC.
1010 N. 102ND COURT, SUITE 200
OMAHA, NE 68114
Office: 402-408-3013
Nebraska C.O.A. #CA-0621

S4

PROJECT NUMBER
STP-51-7(109)

C.N. 32395

LOCATION
Decatur Bridge

STRUCTURE NUMBER
S051 03644

2730'-0" 14-SPAN
MISSOURI RIVER BRIDGE

PLAN & ELEVATION - SHEET 3 OF 3

DATE AUG 2025

Q.C. ENGINEER: J. Sarson

DETAILED BY: T. McDowell

DESIGNED BY: A. Ferdon

SKEW 0° ROADWAY 40'-0" FHWA CONST. TYPE X441

COUNTY Burt HWY. NO. N-51 REF. POST. xxx.xx STA. 2125+97.10 DESIGN CODE LRFD 10th Edition DESIGN LIVE LOAD HL-93

NEBRASKA
Good Life. Great Journey.
DEPARTMENT OF TRANSPORTATION

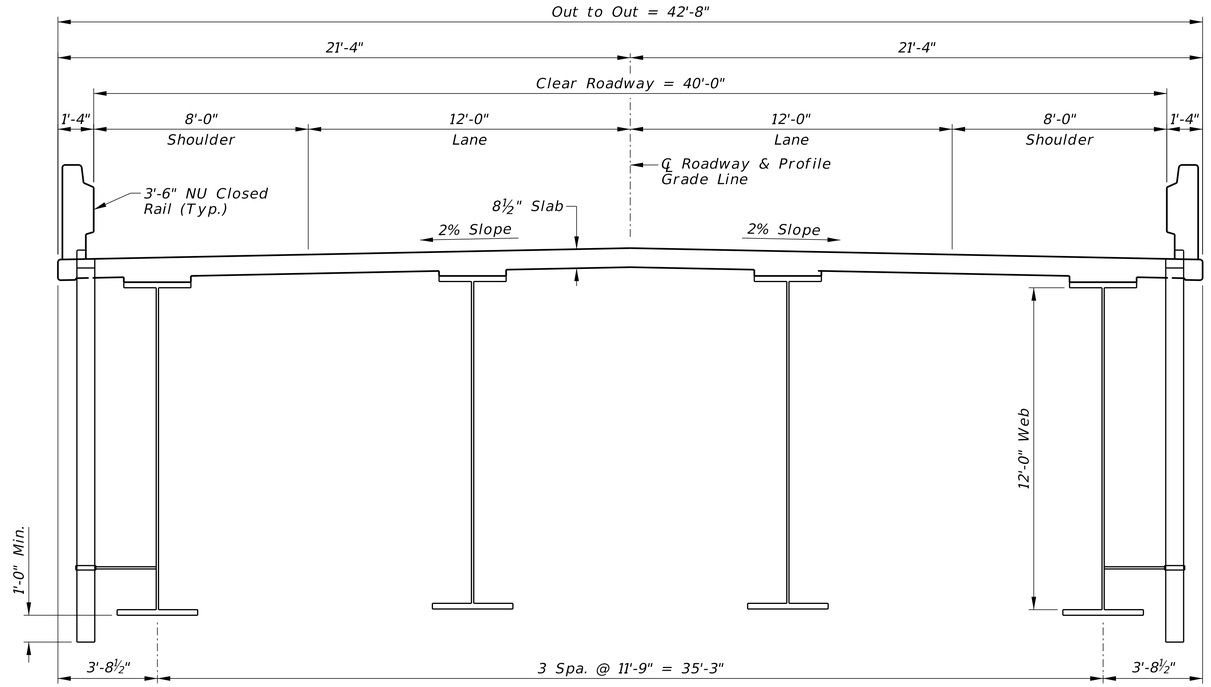
BRIDGE DIVISION
1500 Nebraska Parkway
Lincoln, NE 68502
Office: 402-479-4701

STATE BRIDGE ENGINEER
Ross D. Barron, P.E.
State of Nebraska
E-14018

NOT FINAL
PRELIMINARY PLAN
SUBJECT TO CHANGE

SPECIAL PLAN NO. 1 / 4 9

Computer: B255640
Date: 12-AUG-2025 09:56
File: S051_03644_TSL.dgn



TYPICAL SECTION RIVER UNIT

Scale ⅜" = 1'-0"

S5

PROJECT NUMBER
STP-51-7(109)

C.N. 32395

LOCATION
Decatur Bridge

STRUCTURE NUMBER
S051 03644

2730'-0" 14-SPAN
MISSOURI RIVER BRIDGE

TYPICAL SECTION - RIVER UNIT

DESIGNED BY: A. Ferdon
DETAILED BY: T. McDowell
Q.C. ENGINEER: J. Sarson
DATE AUG 2025

COUNTY Burt
HWY. NO. N-51
REF. POST. XXX.XX
STA. 2125+97.10
DESIGN CODE LRFD 10th Edition
SKEW 0°
ROADWAY 40'-0"
FHWA CONST. TYPE X441
DESIGN LIVE LOAD HL-93

NEBRASKA
Good Life. Great Journey.
DEPARTMENT OF TRANSPORTATION

BRIDGE DIVISION
1500 Nebraska Parkway
Lincoln, NE 68502
Office: 402-479-4701

STATE BRIDGE ENGINEER
Ross D. Barron, P.E.
State of Nebraska
E-14018

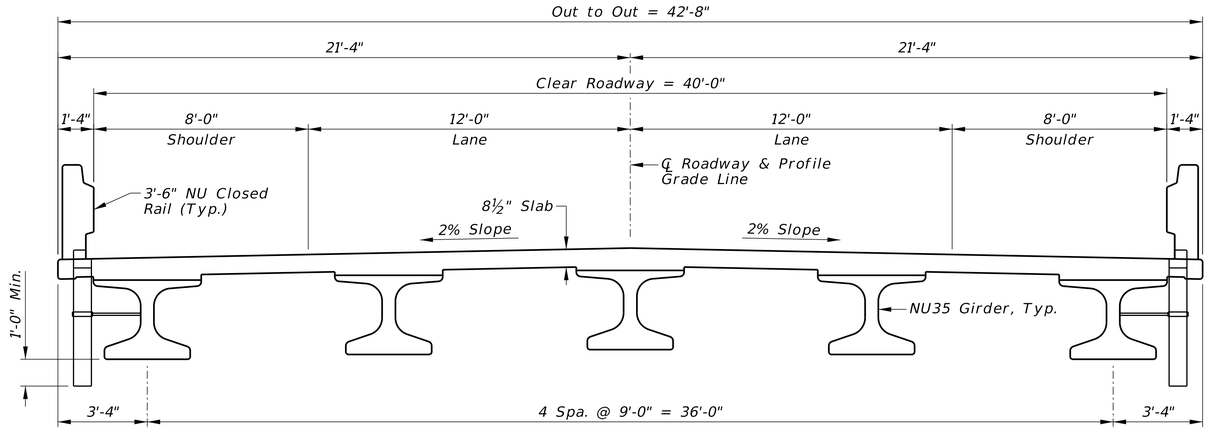
* NOT FINAL *
PRELIMINARY PLAN
SUBJECT TO CHANGE

BURNS & MCDONNELL
ENGINEERING COMPANY, INC.
1010 N. 102ND COURT, SUITE 200
OMAHA, NE 68114
Office: 402-408-3013
Nebraska C.O.A. #CA-0621

SPECIAL PLAN NO. 1

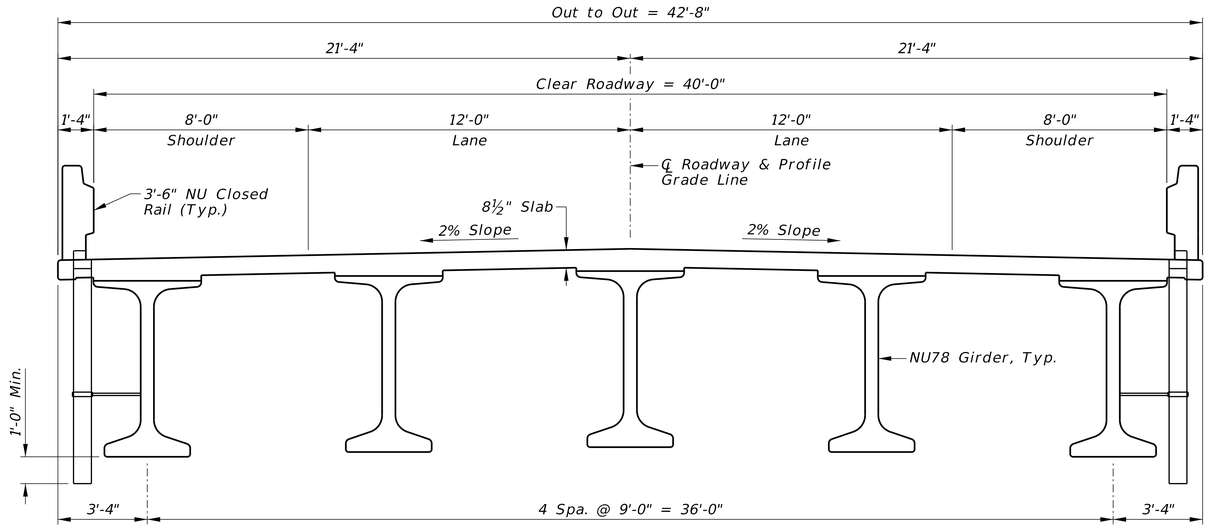
5 / 9

Computer: B255640
Date: 12-AUG-2025 09:57
File: S051_03644_TSL.dgn



TYPICAL SECTION NEBRASKA APPROACH UNIT

Scale ⅜" = 1'-0"



TYPICAL SECTION IOWA APPROACH UNITS

Scale ⅜" = 1'-0"

S6

PROJECT NUMBER
STP-51-7(109)

C.N. 32395

LOCATION
Decatur Bridge

STRUCTURE NUMBER
S051 03644

2730'-0" 14-SPAN
MISSOURI RIVER BRIDGE

TYPICAL SECTION - APPROACH UNITS

DATE AUG 2025

Q.C. ENGINEER: J. Sarson

DETAILED BY: T. McDowell

DESIGNED BY: A. Ferdon

DESIGN CODE LRFD 10th Edition

DESIGN LIVE LOAD HL-93

FHWA CONST. TYPE X441

ROADWAY 40'-0"

SKEW 0°

REF. POST. XXX.XX

STA. 2125+97.10

HWY. NO. N-51

COUNTY Burt

NEBRASKA
Good Life. Great Journey.
DEPARTMENT OF TRANSPORTATION

BRIDGE DIVISION
1500 Nebraska Parkway
Lincoln, NE 68502
Office: 402-479-4701

STATE BRIDGE ENGINEER
Ross D. Barron, P.E.
State of Nebraska
E-14018

★ NOT FINAL ★
PRELIMINARY PLAN
SUBJECT TO CHANGE

BURNS & MCDONNELL
ENGINEERING COMPANY, INC.
1010 N. 102ND COURT, SUITE 200
OMAHA, NE 68114
Office: 402-408-3013
Nebraska C.O.A. #CA-0621

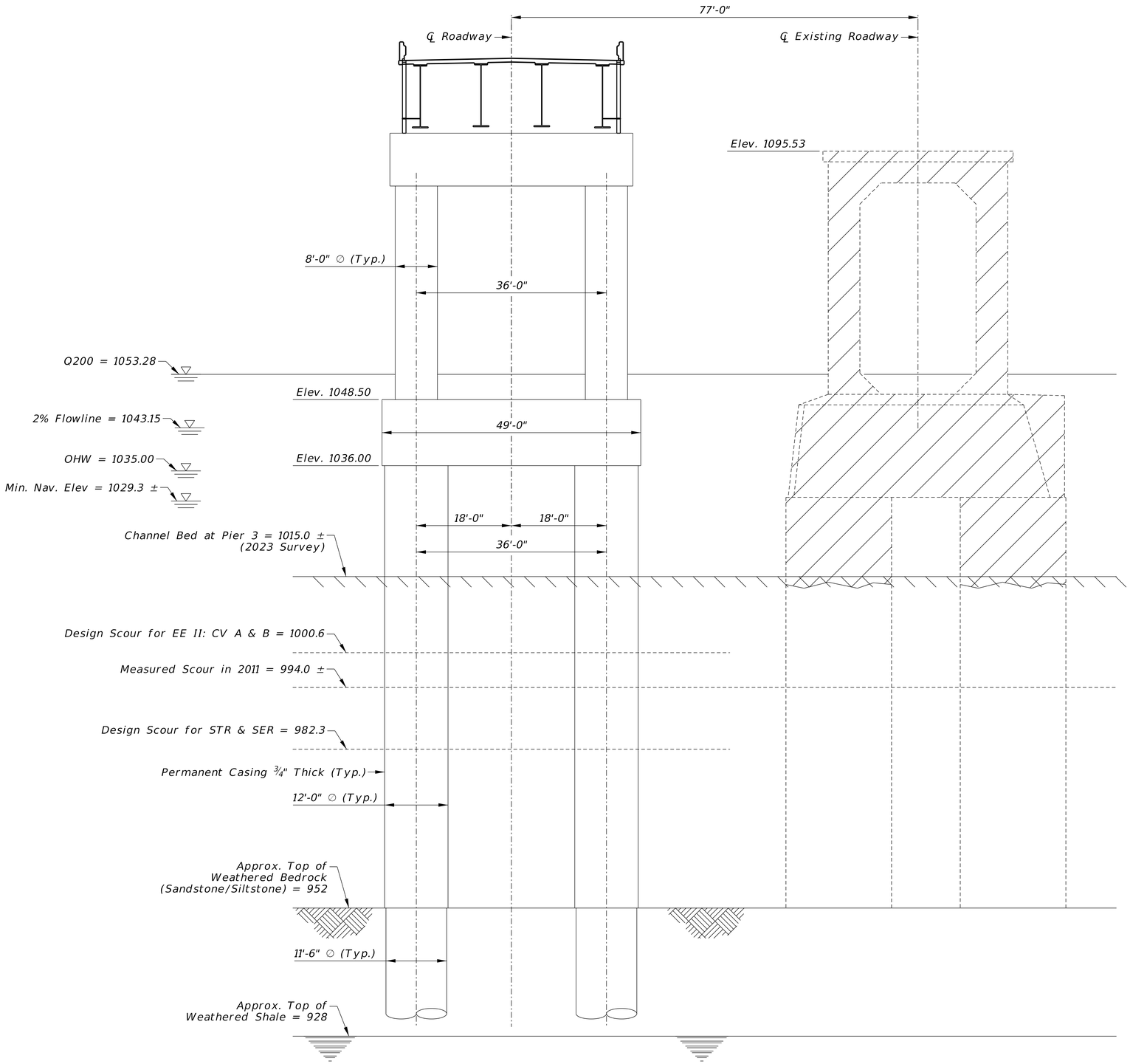
SPECIAL PLAN NO. 1

6 / 9

Computer: B255640

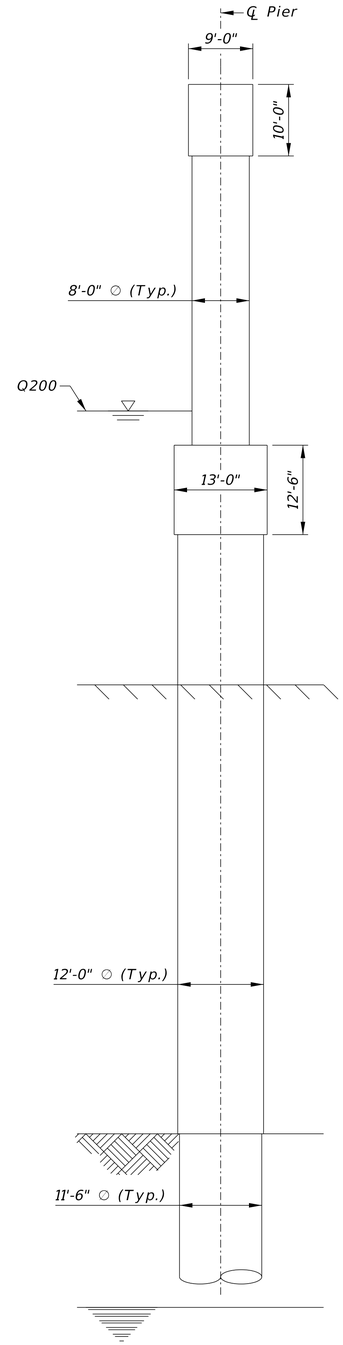
Date: 12-AUG-2025 11:13

File: S051_03644_TSL.dgn



TYPICAL RIVER PIER - PIER 3

Pier 2 Similar.
Scale 1" = 10'-0"



SECTION

Scale 1" = 10'-0"

BURNS & MCDONNELL
ENGINEERING COMPANY, INC.
1010 N. 102ND COURT, SUITE 200
OMAHA, NE 68114
Office: 402-408-3013
Nebraska C.O.A. #CA-0621

S7

PROJECT NUMBER
STP-51-7(109)

C.N. 32395

LOCATION
Decatur
Bridge

STRUCTURE NUMBER
S051 03644

2730'-0" 14-SPAN
MISSOURI RIVER BRIDGE

TYPICAL RIVER PIER (PIER 3)

DATE AUG 2025

Q.C. ENGINEER: J. Sarson

DETAILED BY: T. McDowell

DESIGNED BY: A. Ferdon

SKEW 0° | ROADWAY 40'-0" | FHWA CONST. TYPE X441 | DESIGN LIVE LOAD HL-93

COUNTY Burt | HWY. NO. N-51 | REF. POST. XXX.XX | STA. 2125+97.10 | DESIGN CODE LRFD 10th Edition

NEBRASKA
Good Life. Great Journey.
DEPARTMENT OF TRANSPORTATION

BRIDGE DIVISION
1500 Nebraska Parkway
Lincoln, NE 68502
Office: 402-479-4701

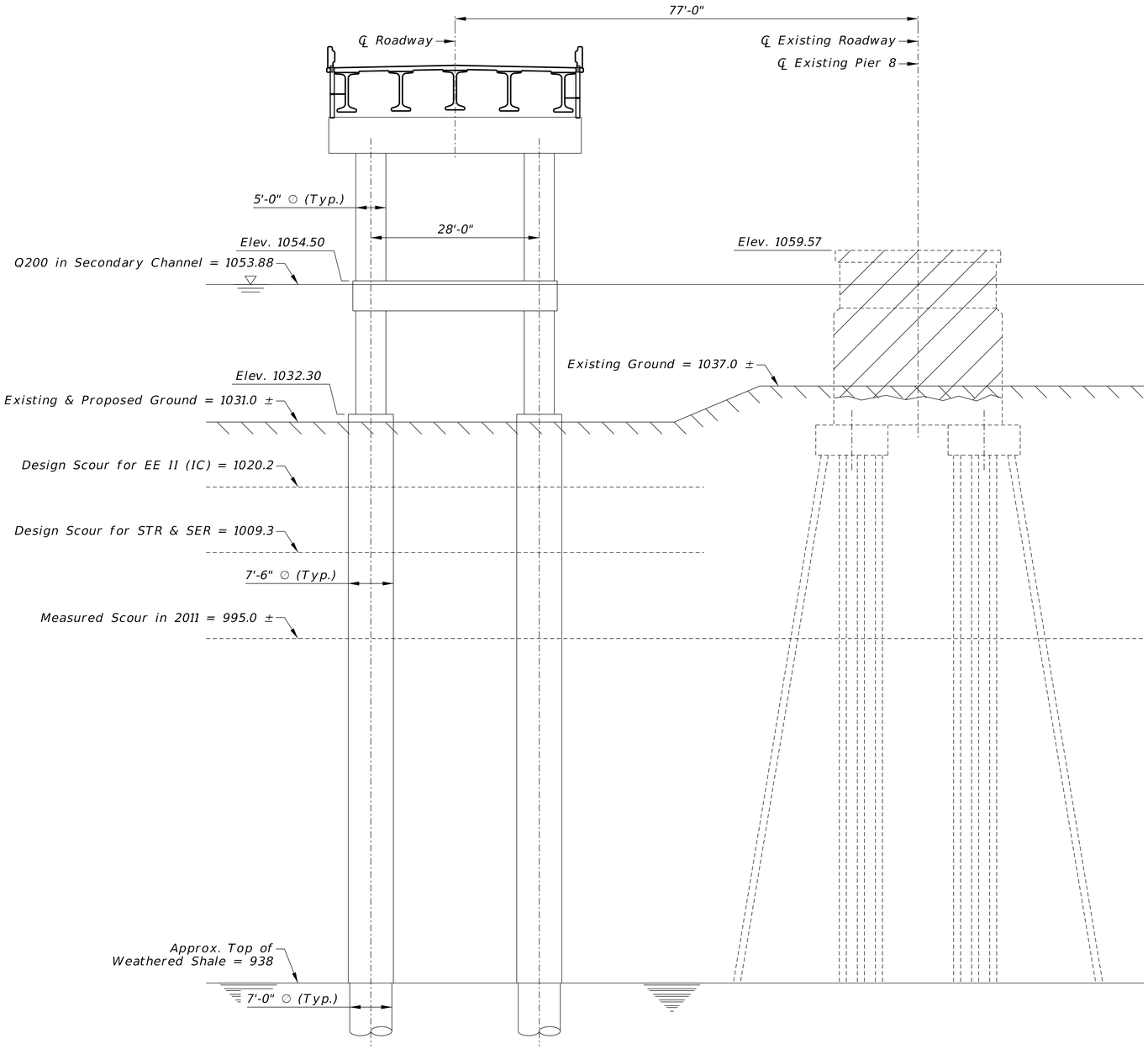
STATE BRIDGE ENGINEER
Ross D. Barron, P.E.
State of Nebraska
E-14018

★ NOT FINAL ★
PRELIMINARY PLAN
SUBJECT TO CHANGE

SPECIAL PLAN NO. 1

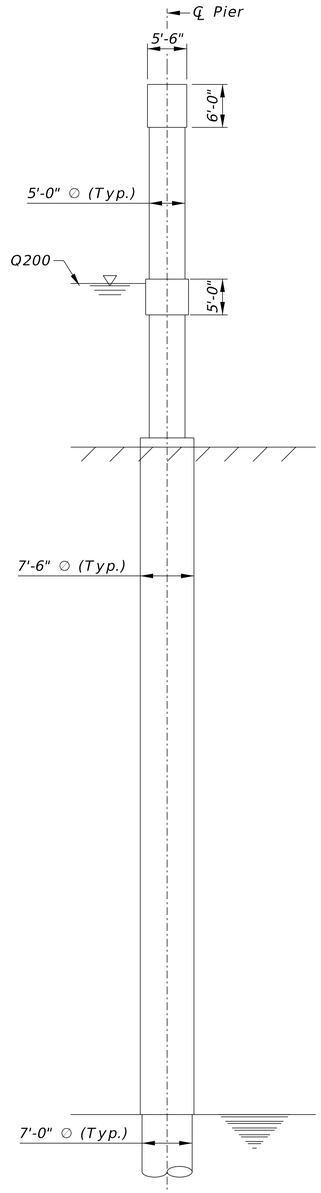
7 / 9

Computer: 8255640
Date: 12-AUG-2025 09:58
File: S051_03644_TSL.dgn



TYPICAL APPROACH PIER - PIER 9

Scale 1" = 10'-0"



SECTION

Scale 1" = 10'-0"

BURNS & MCDONNELL
ENGINEERING COMPANY, INC.
1010 N. 102ND COURT, SUITE 200
OMAHA, NE 68114
Office: 402-408-3013
Nebraska C.O.A. #CA-0621

S8

PROJECT NUMBER
STP-51-7(109)

C.N. 32395

LOCATION
Decatur Bridge

STRUCTURE NUMBER
S051 03644

2730'-0" 14-SPAN
MISSOURI RIVER BRIDGE

TYPICAL APPROACH PIER (PIER 9)

Q.C. ENGINEER: J. Sarson
DATE AUG 2025

COUNTY Burt
HWY. NO. N-51
REF. POST. xxx.xx
STA. 2125+97.10
DESIGN CODE LRFD 10th Edition
SKEW 0°
ROADWAY 40'-0"
FHWA CONST. TYPE X441
DESIGN LIVE LOAD HL-93

DESIGNED BY: A. Ferdon
DETAILED BY: T. McDowell
CHECKED BY: Q.C.

NEBRASKA
Good Life. Great Journey.
DEPARTMENT OF TRANSPORTATION

BRIDGE DIVISION
1500 Nebraska Parkway
Lincoln, NE 68502
Office: 402-479-4701

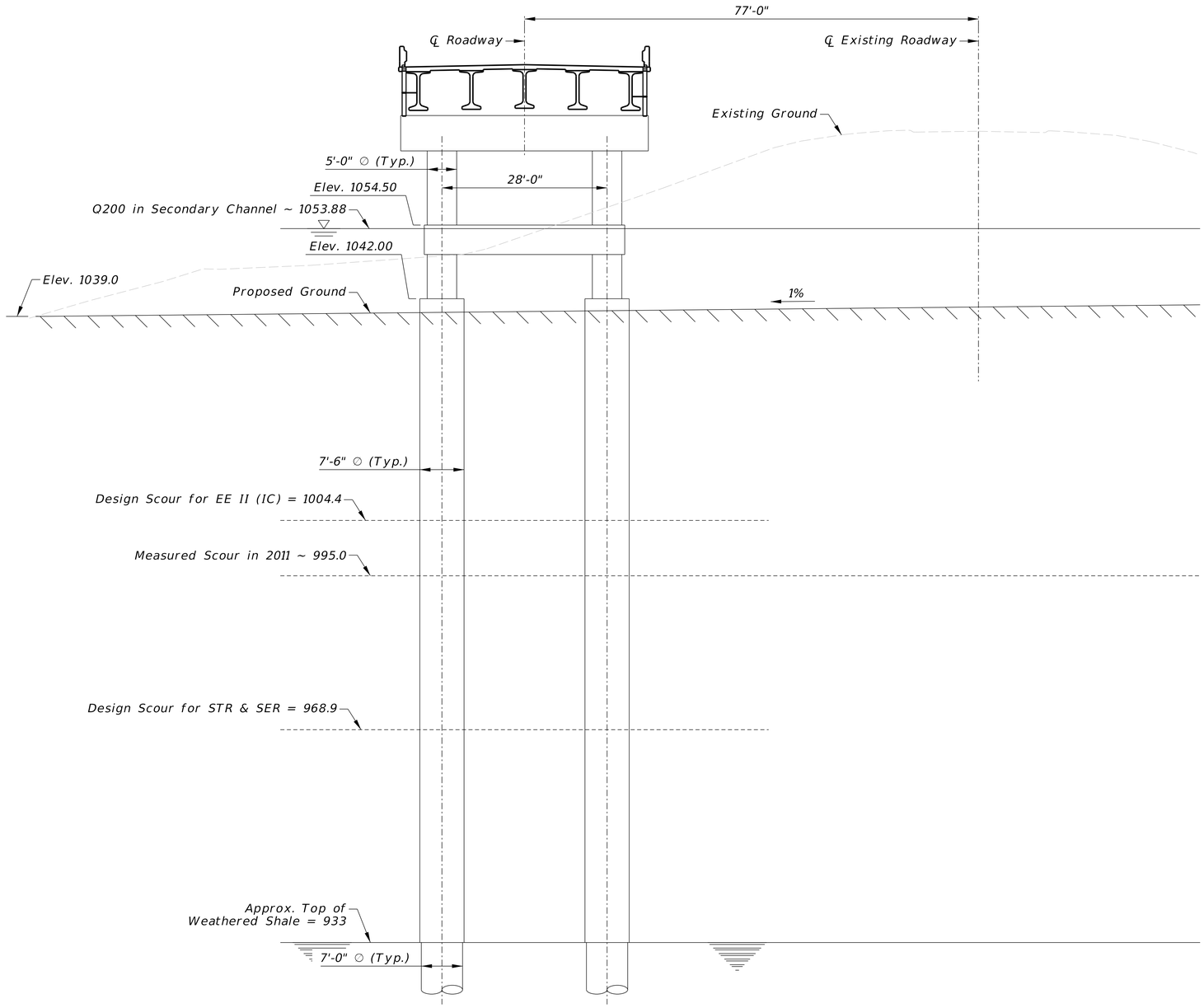
STATE BRIDGE ENGINEER
Ross D. Barron, P.E.
State of Nebraska
E-14018

NOT FINAL
PRELIMINARY PLAN
SUBJECT TO CHANGE

SPECIAL PLAN NO. 1

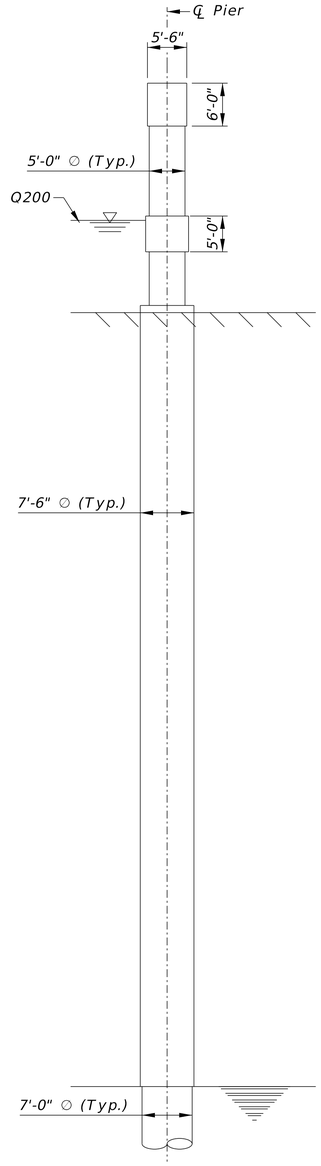
8/9

Computer: B255640
Date: 12-AUG-2025 09:59
File: S051_03644_TSL.dgn



TYPICAL APPROACH PIER - PIER 13

Scale 1" = 10'-0"



SECTION

Scale 1" = 10'-0"

Computer: 8255640

Date: 12-AUG-2025 10:00

File: S051_03644_TSI.dgn

S9

PROJECT NUMBER
STP-51-7(109)

C.N. 32395

LOCATION
Decatur
Bridge

STRUCTURE NUMBER
S051 03644

2730'-0" 14-SPAN
MISSOURI RIVER BRIDGE

TYPICAL APPROACH PIER (PIER 13)

Q.C. ENGINEER: J. Sarson

DATE AUG 2025

DETAILED BY: T. McDowell

DESIGNED BY: A. Ferdon

COUNTY Burt
HWY. NO. N-51
REF. POST. XXX.XX
STA. 2125+97.10
DESIGN CODE LRFD 10th Edition

SKEW 0°
ROADWAY 40'-0"
FHWA CONST. TYPE X441
DESIGN LIVE LOAD HL-93

NEBRASKA
Good Life. Great Journey.
DEPARTMENT OF TRANSPORTATION

BRIDGE DIVISION
1500 Nebraska Parkway
Lincoln, NE 68502
Office: 402-479-4701

STATE BRIDGE ENGINEER
Ross D. Barron, P.E.
State of Nebraska
E-14018

NOT FINAL
PRELIMINARY PLAN
SUBJECT TO CHANGE

BURNS & MCDONNELL
ENGINEERING COMPANY, INC.
1010 N. 102ND COURT, SUITE 200
OMAHA, NE 68114
Office: 402-408-3013
Nebraska C.O.A. #CA-0621

SPECIAL PLAN NO. 1 / 9

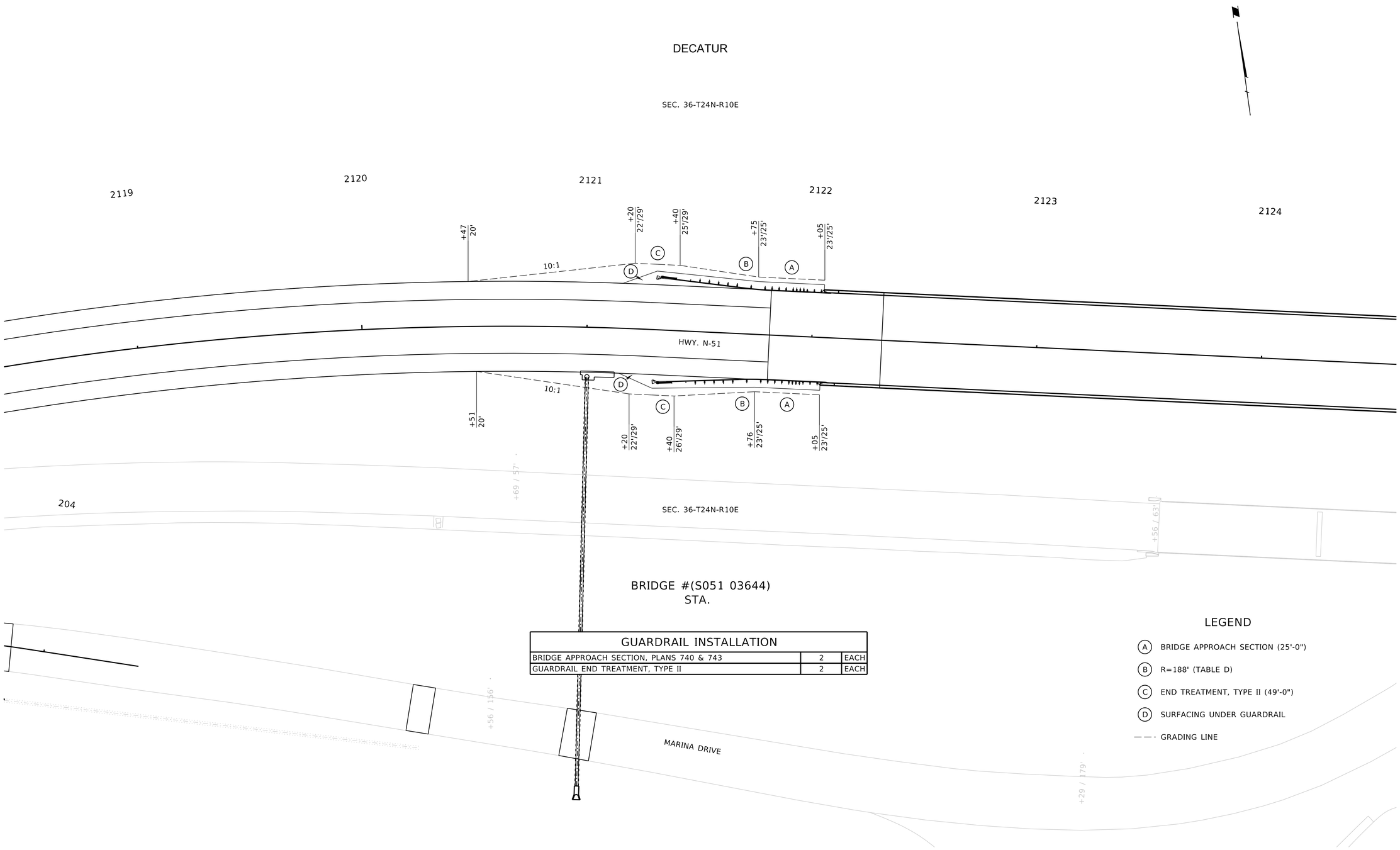
BURNS & MCDONNELL
ENGINEERING COMPANY, INC.
1010 N. 102nd Street, Suite 200
Omaha, NE 68114
Office: 402-408-3013
Nebraska C.O.A. #CA-0621

U1

Project Number
51-7(109)

C.N. 32395

DECATUR BRIDGE



GUARDRAIL INSTALLATION		
BRIDGE APPROACH SECTION, PLANS 740 & 743	2	EACH
GUARDRAIL END TREATMENT, TYPE II	2	EACH

LEGEND

- (A) BRIDGE APPROACH SECTION (25'-0")
- (B) R=188' (TABLE D)
- (C) END TREATMENT, TYPE II (49'-0")
- (D) SURFACING UNDER GUARDRAIL
- — — - GRADING LINE

SPECIAL PLAN _C
1 OF 2
GUARDRAIL

NEBRASKA
Good Life. Great Journey.
DEPARTMENT OF TRANSPORTATION

Roadway Design Division
1500 Nebraska Parkway
Lincoln, NE 68502
Office: 402-479-4601

* NOT FINAL *
PRELIMINARY PLAN
SUBJECT TO CHANGE

COMPUTER: B800570
DATE: 12-AUG-2025 13:56
FILE: 32395 Sheets Specials_US_FT.dgn

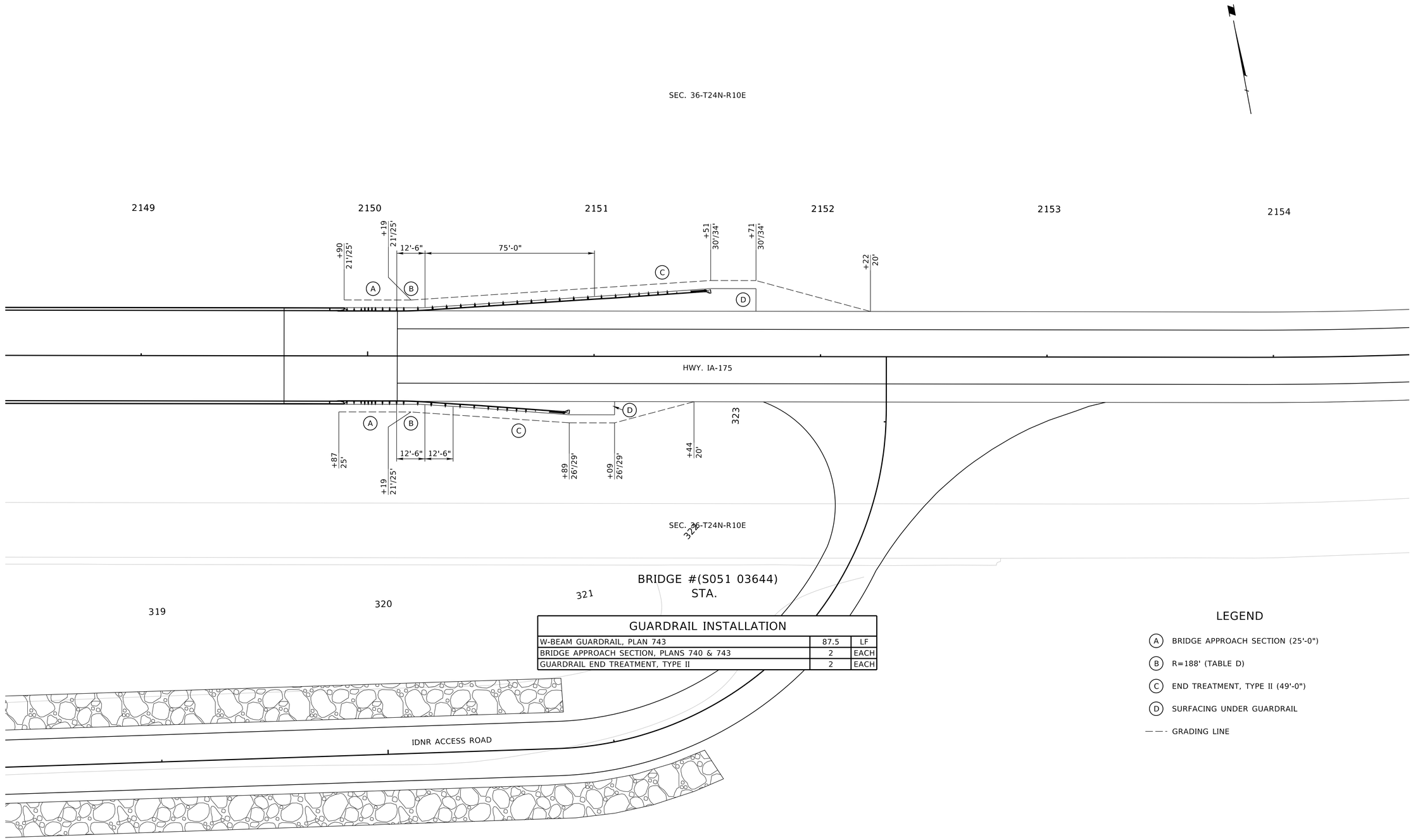
BURNS & MCDONNELL
ENGINEERING COMPANY, INC.
1010 N. 102nd Street, Suite 200
Omaha, NE 68114
Office: 402-408-3013
Nebraska C.O.A. #CA-0621

U2

Project Number
51-7(109)

C.N. 32395

DECATUR BRIDGE



GUARDRAIL INSTALLATION		
W-BEAM GUARDRAIL, PLAN 743	87.5	LF
BRIDGE APPROACH SECTION, PLANS 740 & 743	2	EACH
GUARDRAIL END TREATMENT, TYPE II	2	EACH

LEGEND

- (A) BRIDGE APPROACH SECTION (25'-0")
- (B) R=188' (TABLE D)
- (C) END TREATMENT, TYPE II (49'-0")
- (D) SURFACING UNDER GUARDRAIL
- — — · GRADING LINE

SPECIAL PLAN _C
2 OF 2
GUARDRAIL

NEBRASKA
Good Life. Great Journey.
DEPARTMENT OF TRANSPORTATION

Roadway Design Division
1500 Nebraska Parkway
Lincoln, NE 68502
Office: 402-479-4601

* NOT FINAL *
PRELIMINARY PLAN
SUBJECT TO CHANGE

COMPUTER: B800570
DATE: 12-AUG-2025 13:56
FILE: 32395 Sheets Specials_US_FT.dgn

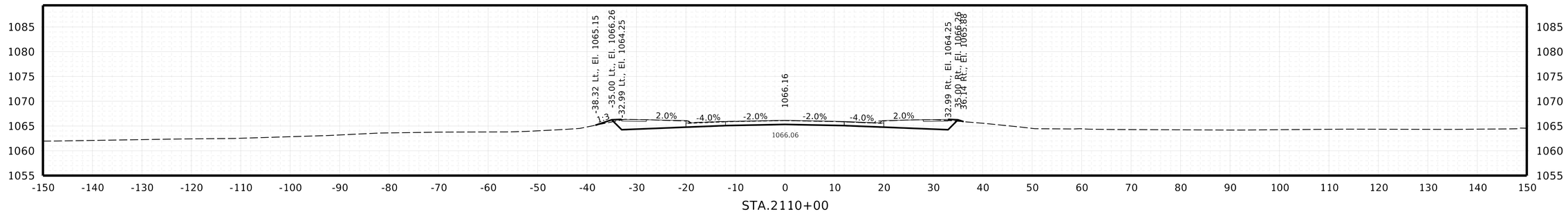
BURNS & MCDONNELL
ENGINEERING COMPANY, INC.
1010 N. 102nd Street, Suite 200
Omaha, NE 68114
Office: 402-408-3013
Nebraska C.O.A. #CA-0621

X1

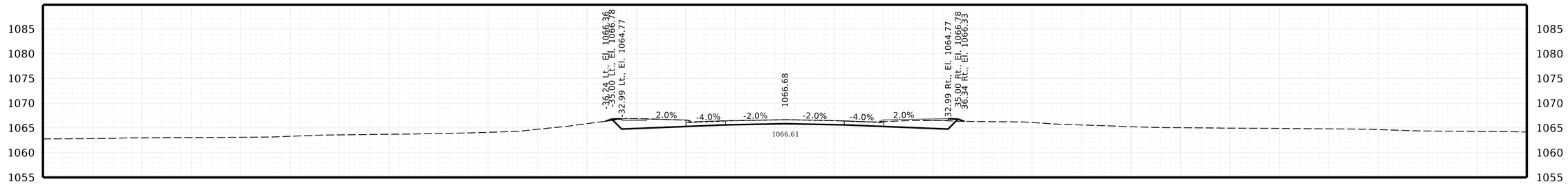
Project Number
51-7(109)

C.N. 32395

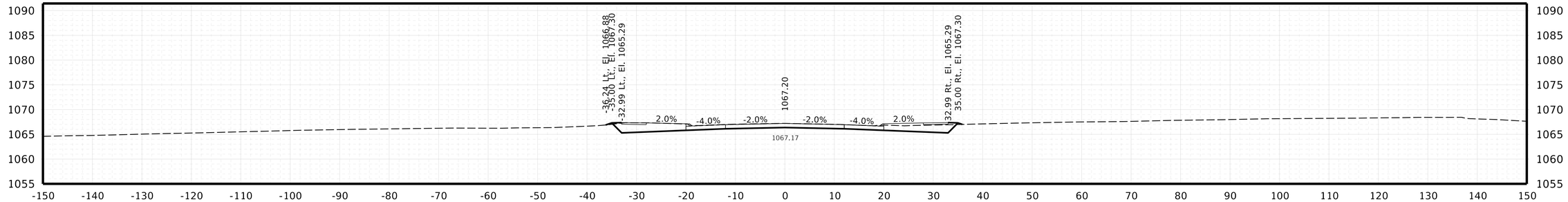
DECATUR BRIDGE



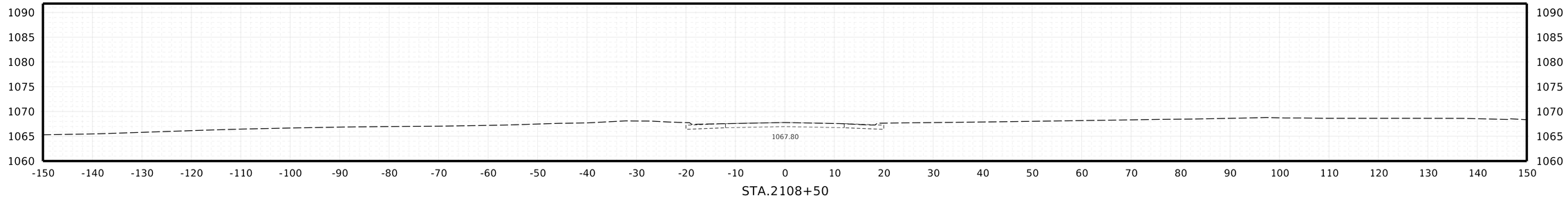
STA.2110+00



STA.2109+50



STA.2109+00



STA.2108+50

HWY. N-51
CROSS SECTIONS

NEBRASKA
Good Life. Great Journey.
DEPARTMENT OF TRANSPORTATION

Roadway Design Division
1500 Nebraska Parkway
Lincoln, NE 68502
Office: 402-479-4601

★ NOT FINAL ★
PRELIMINARY PLAN
SUBJECT TO CHANGE

COMPUTER: B800570
DATE: 12-AUG-2025 13:56
FILE: 32395 Sheets X Sections.dgn

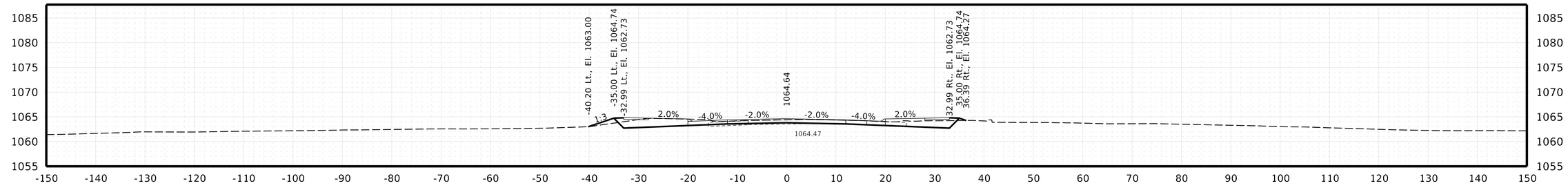
BURNS & MCDONNELL
ENGINEERING COMPANY, INC.
1010 N. 102nd Street, Suite 200
Omaha, NE 68114
Office: 402-408-3013
Nebraska C.O.A. #CA-0621

X2

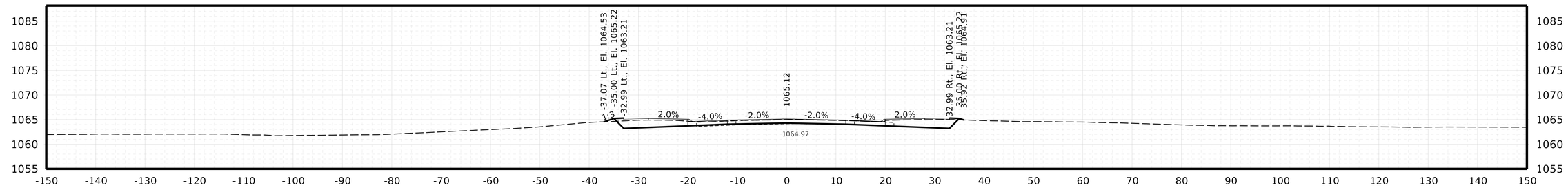
Project Number
51-7(109)

C.N. 32395

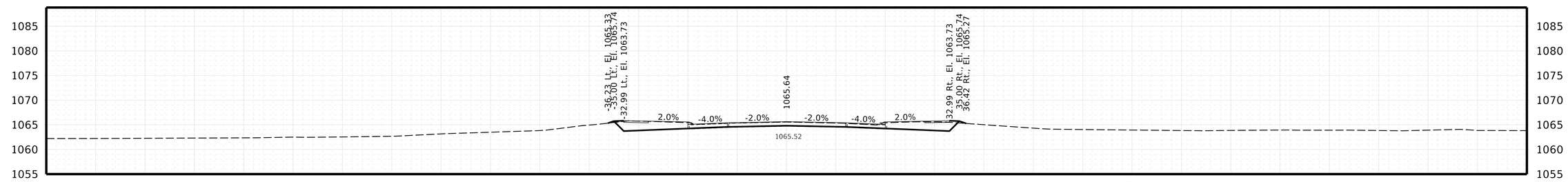
DECATUR BRIDGE



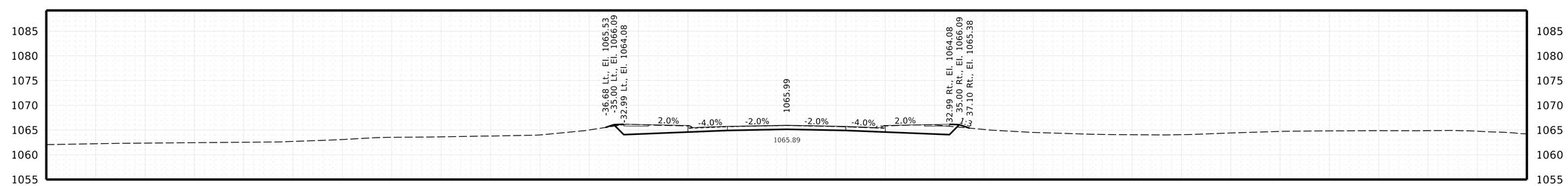
STA.2111+46



STA.2111+00



STA.2110+50



STA.2110+17

HWY. N-51
CROSS SECTIONS

NEBRASKA
Good Life. Great Journey.
DEPARTMENT OF TRANSPORTATION

Roadway Design Division
1500 Nebraska Parkway
Lincoln, NE 68502
Office: 402-479-4601

★ NOT FINAL ★
PRELIMINARY PLAN
SUBJECT TO CHANGE

COMPUTER: B800570
DATE: 12-AUG-2025 13:56
FILE: 32395 Sheets X Sections.dgn

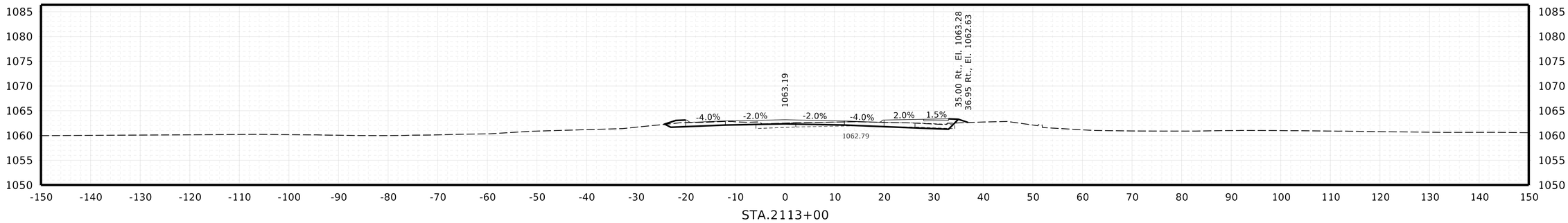
BURNS & MCDONNELL
ENGINEERING COMPANY, INC.
1010 N. 102nd Street, Suite 200
Omaha, NE 68114
Office: 402-408-3013
Nebraska C.O.A. #CA-0621

X3

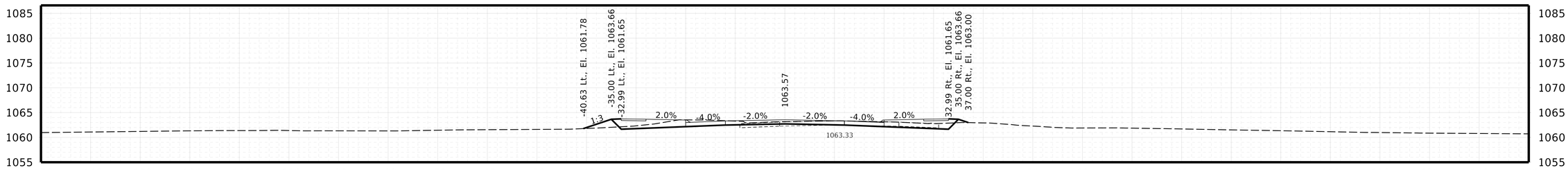
Project Number
51-7(109)

C.N. 32395

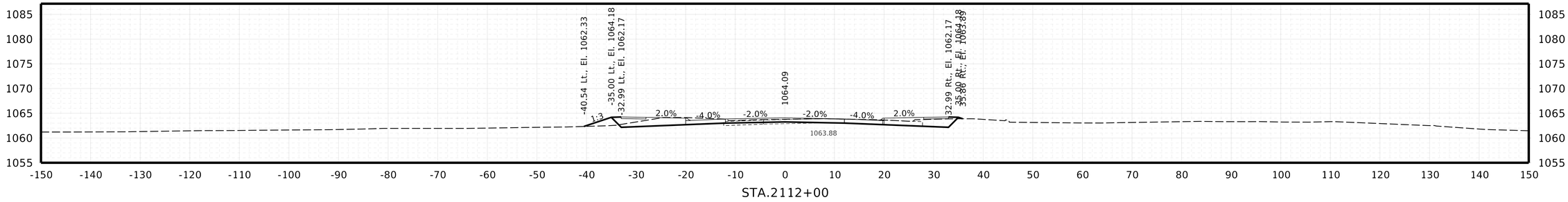
DECATUR BRIDGE



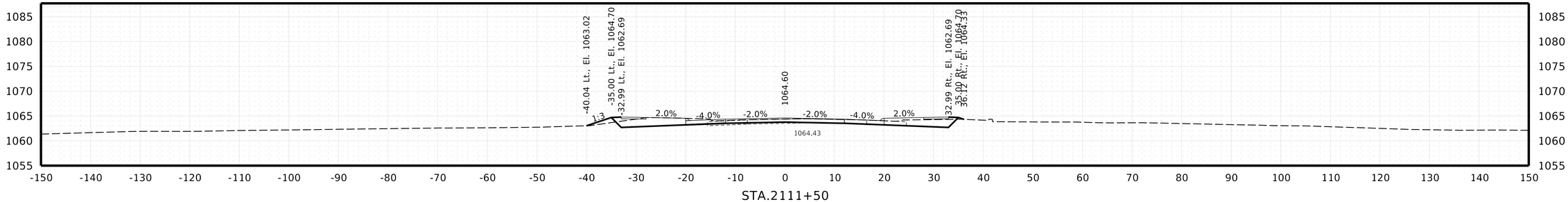
STA.2113+00



STA.2112+50



STA.2112+00



STA.2111+50

HWY. N-51
CROSS SECTIONS

NEBRASKA
Good Life. Great Journey.
DEPARTMENT OF TRANSPORTATION

Roadway Design Division
1500 Nebraska Parkway
Lincoln, NE 68502
Office: 402-479-4601

★ NOT FINAL ★
PRELIMINARY PLAN
SUBJECT TO CHANGE

COMPUTER: B800570
DATE: 12-AUG-2025 13:56
FILE: 32395 Sheets X Sections.dgn

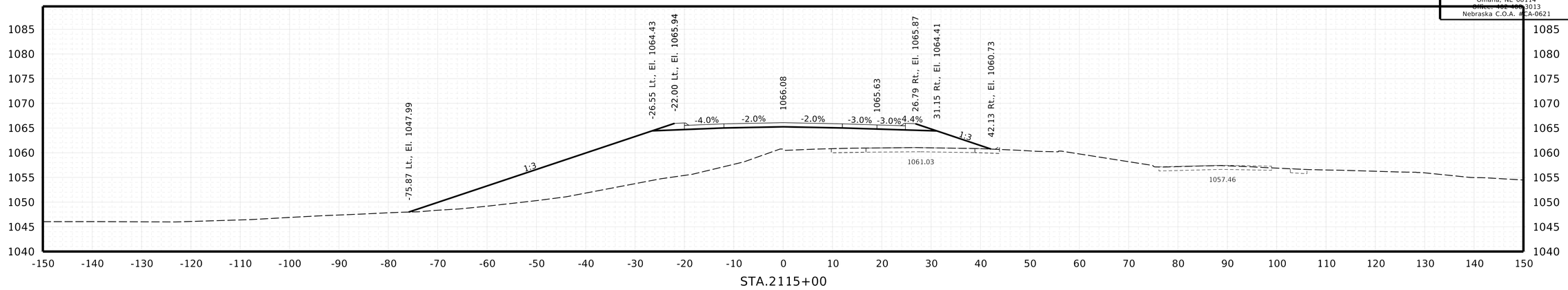
BURNS & MCDONNELL
ENGINEERING COMPANY, INC.
1010 N. 102nd Street, Suite 200
Omaha, NE 68114
Office: 402.498.3013
Nebraska C.O.A. #CA-0621

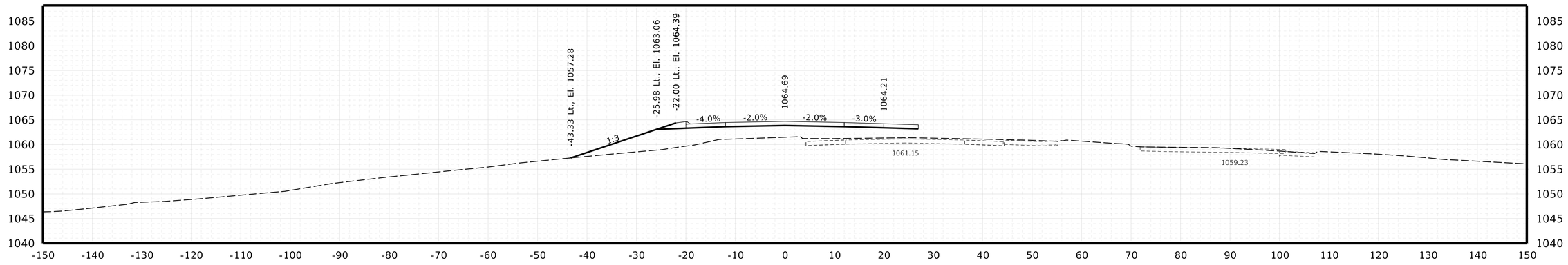
X4

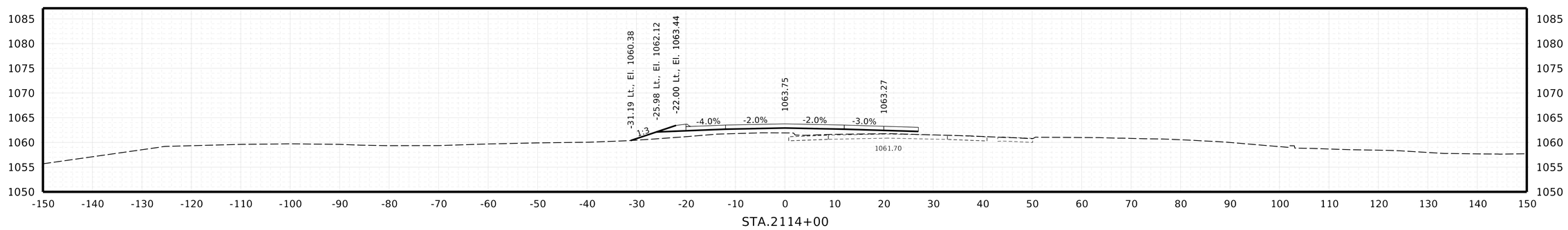
Project Number
51-7(109)

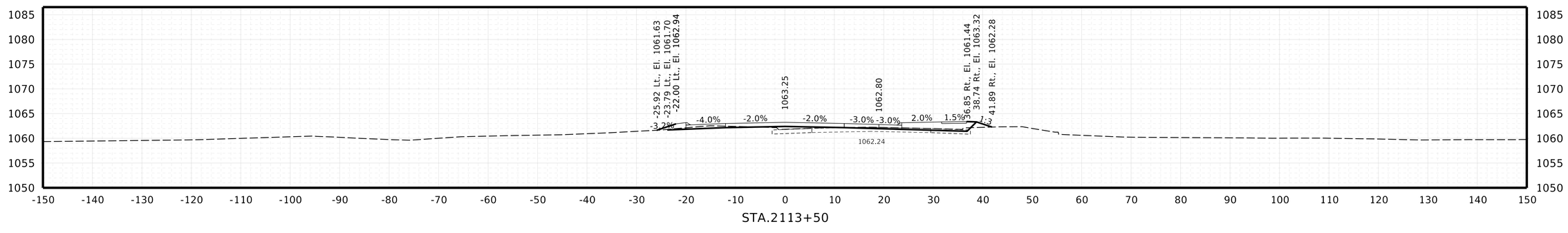
C.N. 32395

DECATUR BRIDGE









HWY. N-51
CROSS SECTIONS

NEBRASKA
Good Life. Great Journey.
DEPARTMENT OF TRANSPORTATION

Roadway Design Division
1500 Nebraska Parkway
Lincoln, NE 68502
Office: 402-479-4601

★ NOT FINAL ★
PRELIMINARY PLAN
SUBJECT TO CHANGE

COMPUTER: B800570
DATE: 12-AUG-2025 13:56
FILE: 32395 Sheets X Sections.dgn

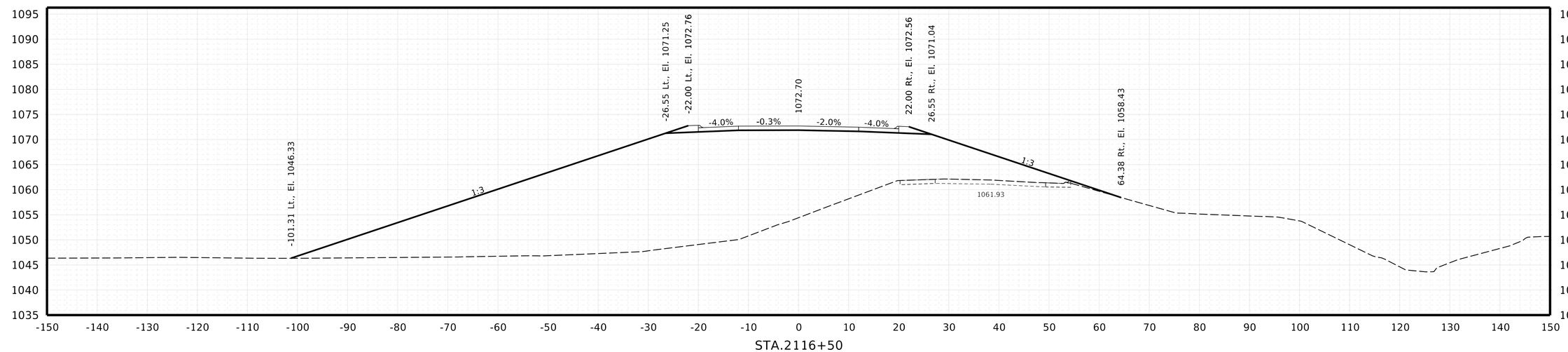
BURNS & MCDONNELL
ENGINEERING COMPANY, INC.
1010 N. 102nd Street, Suite 200
Omaha, NE 68114
Office: 402-408-3013
Nebraska C.O.A. #CA-0621

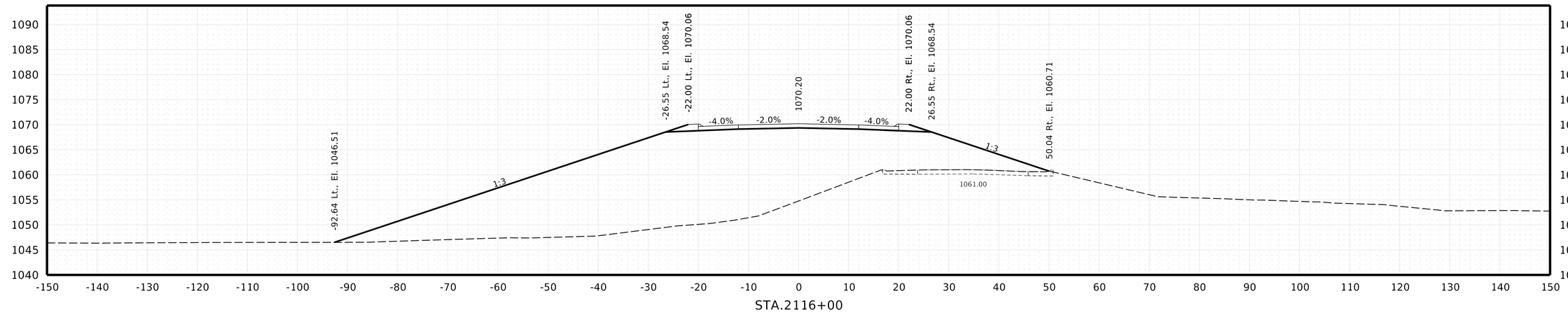
X5

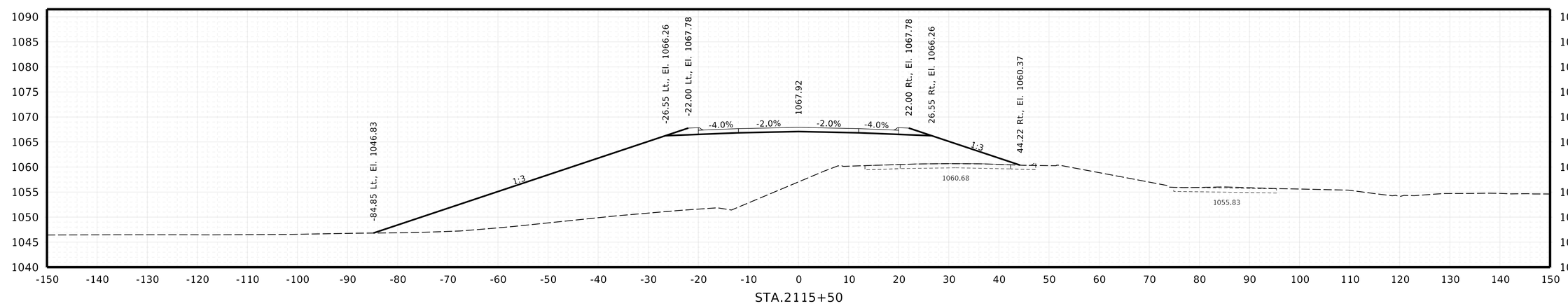
Project Number
51-7(109)

C.N. 32395

DECATUR BRIDGE







HWY. N-51
CROSS SECTIONS

NEBRASKA
Good Life. Great Journey.
DEPARTMENT OF TRANSPORTATION

Roadway Design Division
1500 Nebraska Parkway
Lincoln, NE 68502
Office: 402-479-4601

NOT FINAL
PRELIMINARY PLAN
SUBJECT TO CHANGE

COMPUTER: B800570
DATE: 12-AUG-2025 13:57
FILE: 32395 Sheets X Sections.dgn

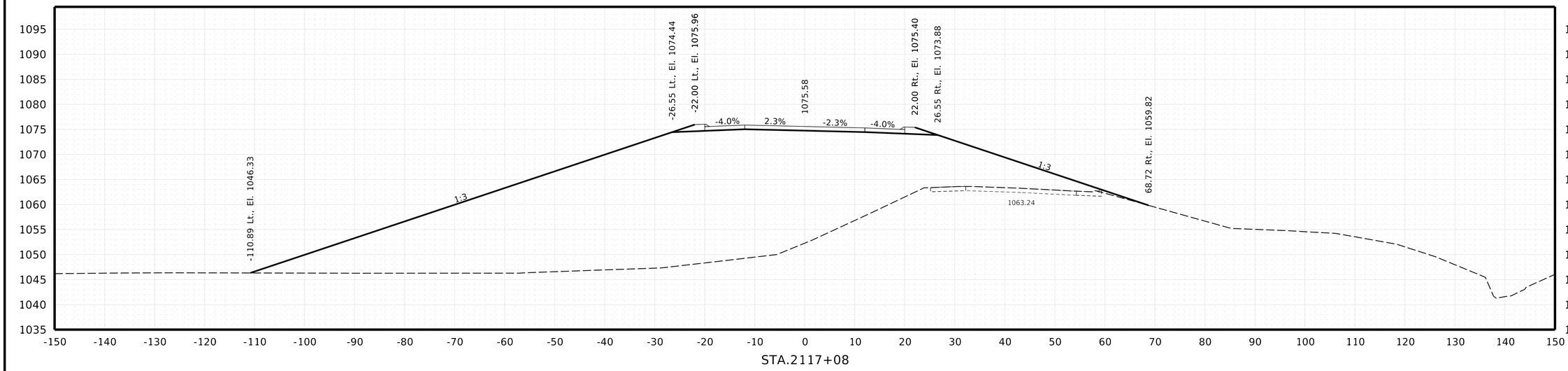
BURNS & MCDONNELL
ENGINEERING COMPANY, INC.
1010 N. 102nd Street, Suite 200
Omaha, NE 68114
Office: 402-408-3013
Nebraska C.O.A. #CA-0621

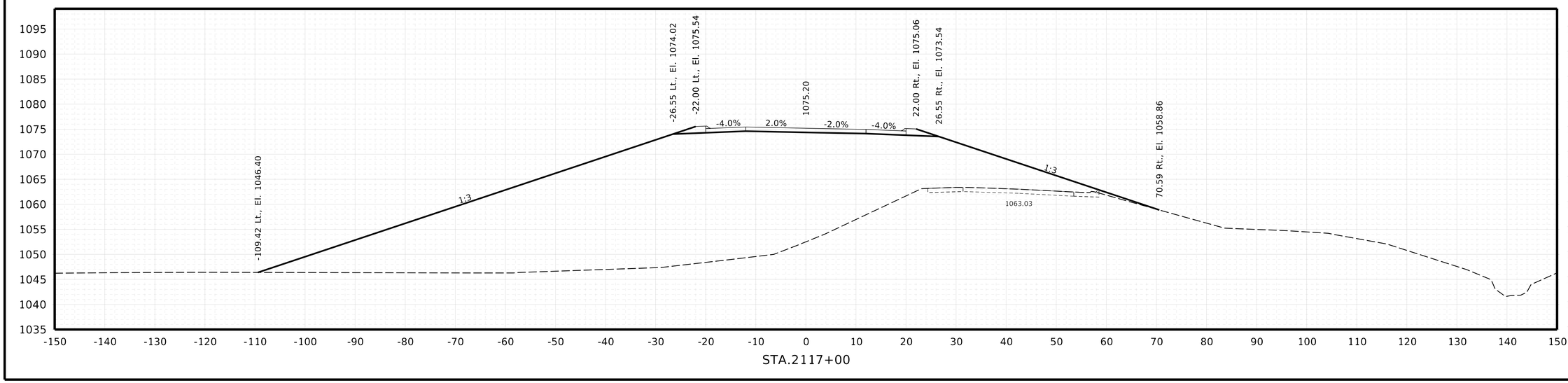
X6

Project Number
51-7(109)

C.N. 32395

DECATUR BRIDGE





HWY. N-51
CROSS SECTIONS

NEBRASKA
Good Life. Great Journey.
DEPARTMENT OF TRANSPORTATION

Roadway Design Division
1500 Nebraska Parkway
Lincoln, NE 68502
Office: 402-479-4601

* NOT FINAL *
PRELIMINARY PLAN
SUBJECT TO CHANGE

COMPUTER: B800570
DATE: 12-AUG-2025 13:57
FILE: 32395 Sheets X Sections.dgn

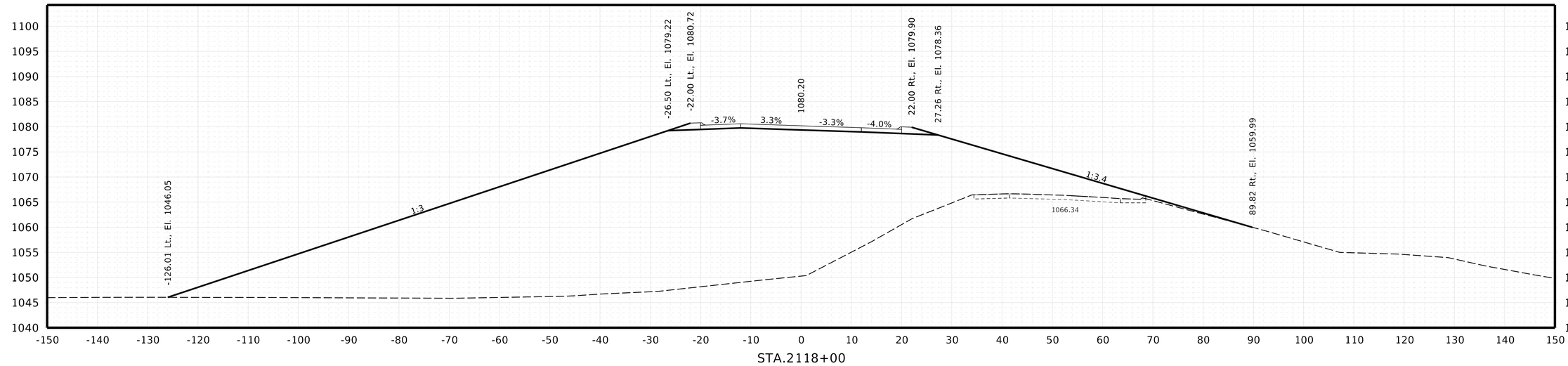
BURNS & MCDONNELL
ENGINEERING COMPANY, INC.
1010 N. 102nd Street, Suite 200
Omaha, NE 68114
Office: 402-408-3013
Nebraska C.O.A. #CA-0621

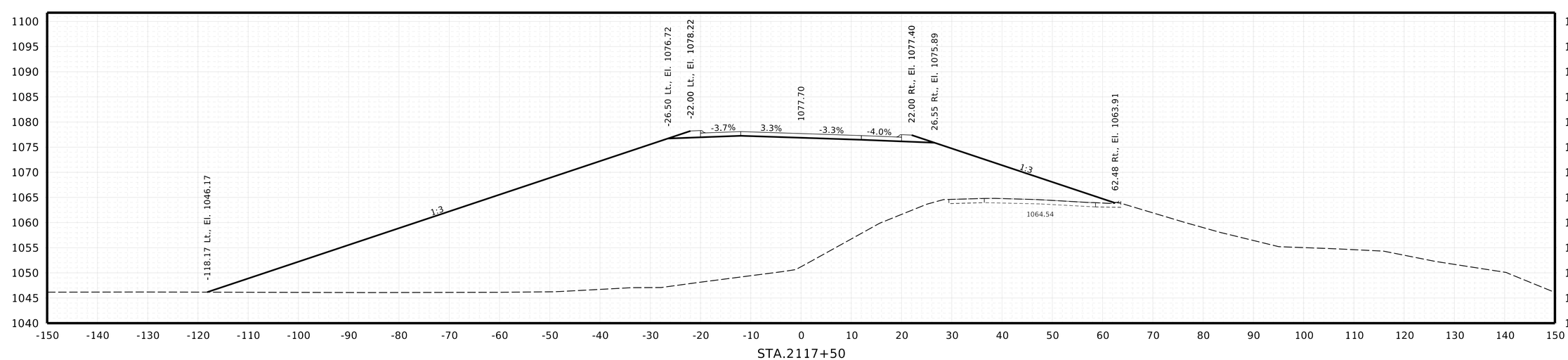
X7

Project Number
51-7(109)

C.N. 32395

DECATUR BRIDGE





HWY. N-51
CROSS SECTIONS

NEBRASKA
Good Life. Great Journey.
DEPARTMENT OF TRANSPORTATION

Roadway Design Division
1500 Nebraska Parkway
Lincoln, NE 68502
Office: 402-479-4601

* NOT FINAL *
PRELIMINARY PLAN
SUBJECT TO CHANGE

COMPUTER: B800570
DATE: 12-AUG-2025 13:57
FILE: 32395 Sheets X Sections.dgn

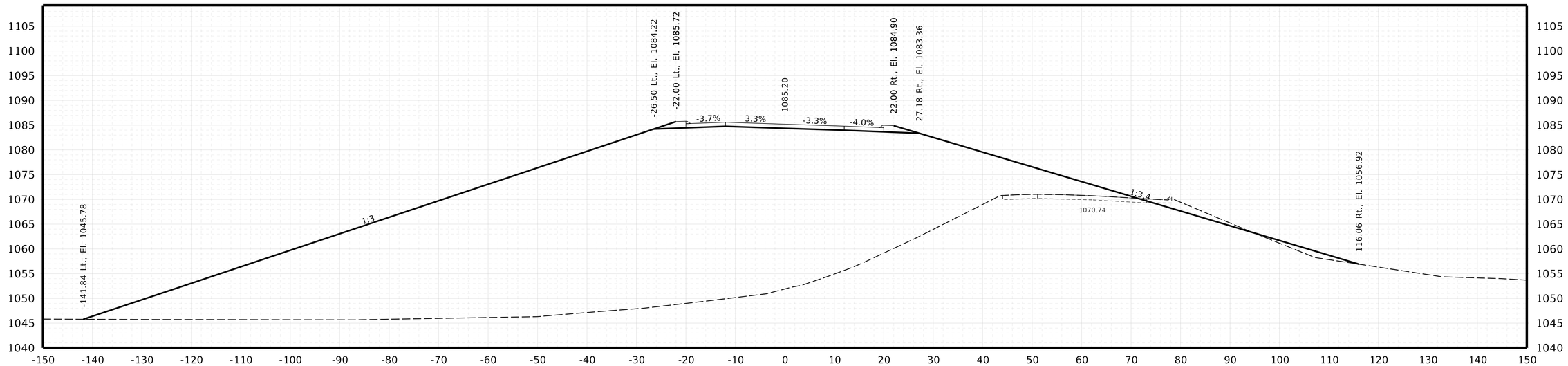
BURNS & MCDONNELL
ENGINEERING COMPANY, INC.
1010 N. 102nd Street, Suite 200
Omaha, NE 68114
Office: 402-408-3013
Nebraska C.O.A. #CA-0621

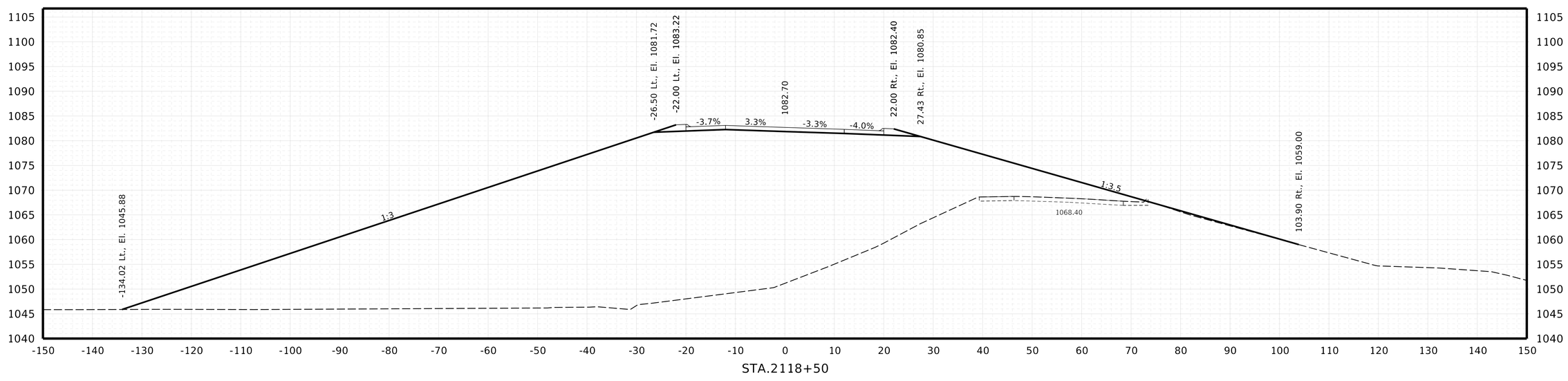
X8

Project Number
51-7(109)

C.N. 32395

DECATUR BRIDGE





HWY. N-51
CROSS SECTIONS

NEBRASKA
Good Life. Great Journey.
DEPARTMENT OF TRANSPORTATION

Roadway Design Division
1500 Nebraska Parkway
Lincoln, NE 68502
Office: 402-479-4601

NOT FINAL
PRELIMINARY PLAN
SUBJECT TO CHANGE

COMPUTER: B800570
DATE: 12-AUG-2025 13:57
FILE: 32395 Sheets X Sections.dgn

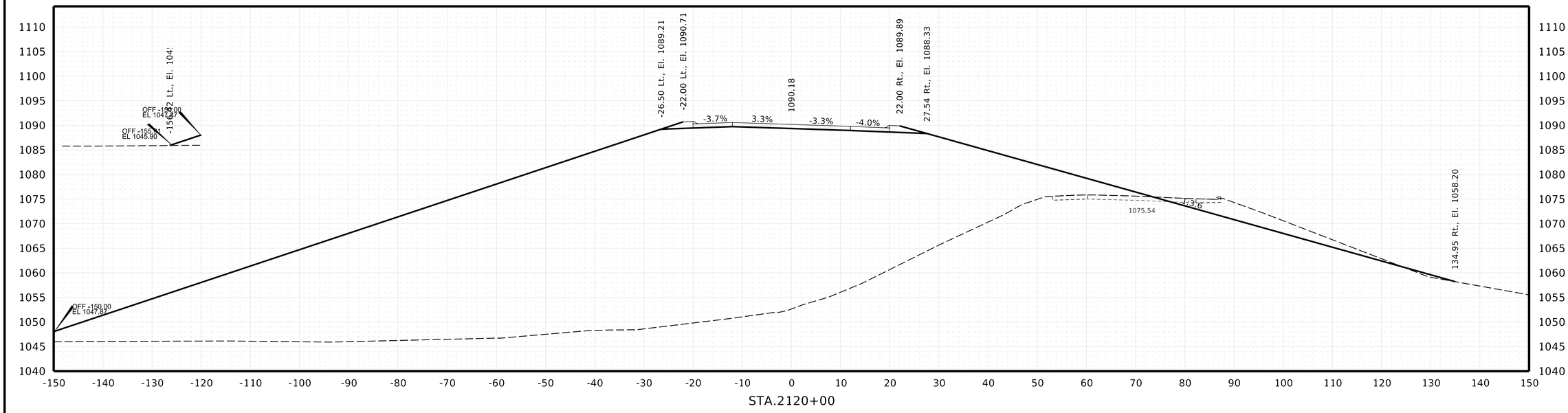
BURNS & MCDONNELL
ENGINEERING COMPANY, INC.
1010 N. 102nd Street, Suite 200
Omaha, NE 68114
Office: 402-408-3013
Nebraska C.O.A. #CA-0621

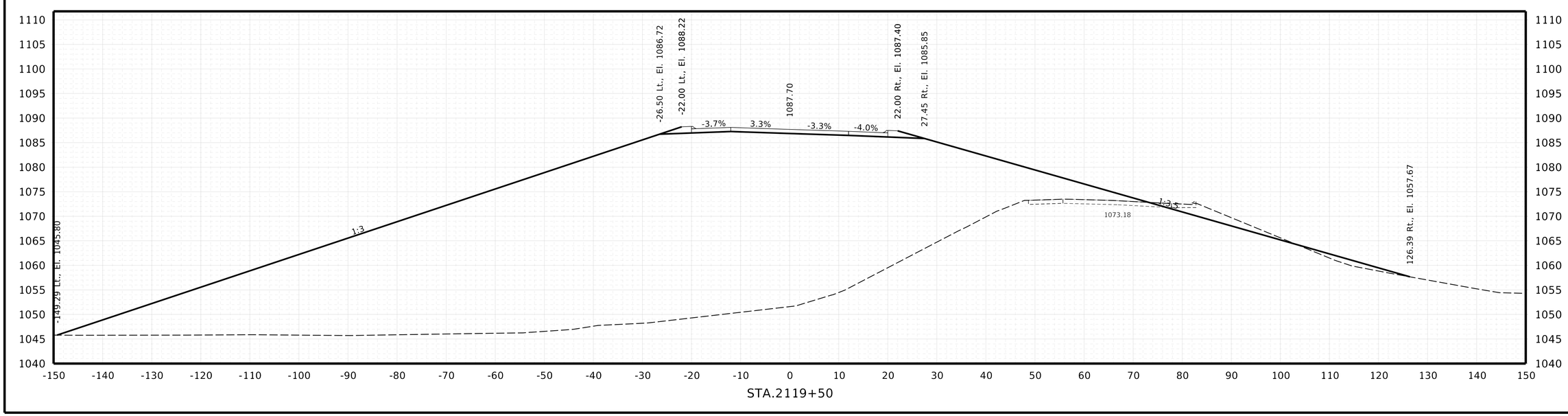
X9

Project Number
51-7(109)

C.N. 32395

DECATUR BRIDGE





HWY. N-51
CROSS SECTIONS

NEBRASKA
Good Life. Great Journey.
DEPARTMENT OF TRANSPORTATION

Roadway Design Division
1500 Nebraska Parkway
Lincoln, NE 68502
Office: 402-479-4601

NOT FINAL
PRELIMINARY PLAN
SUBJECT TO CHANGE

COMPUTER: B800570
DATE: 12-AUG-2025 13:57
FILE: 32395 Sheets X Sections.dgn

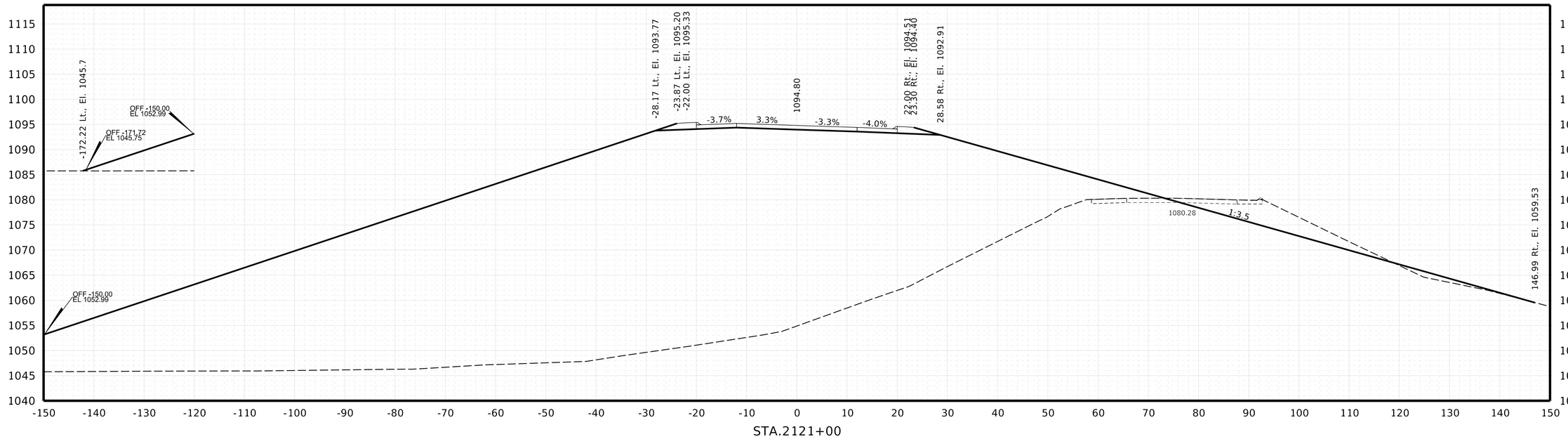
BURNS & MCDONNELL
ENGINEERING COMPANY, INC.
1010 N. 102nd Street, Suite 200
Omaha, NE 68114
Office: 402-408-3013
Nebraska C.O.A. #CA-0621

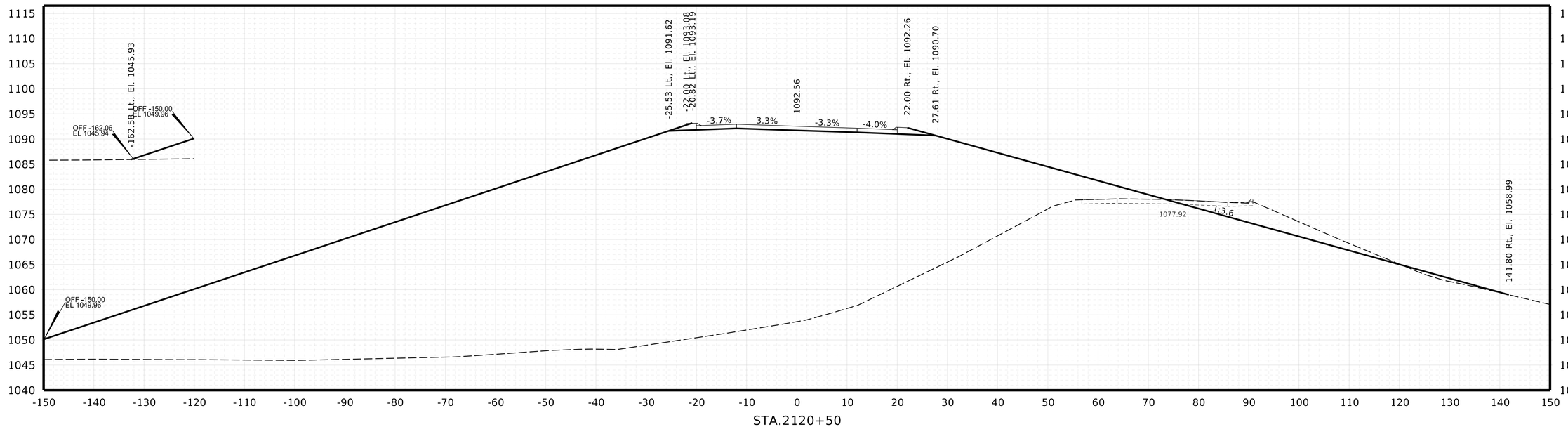
X10

Project Number
51-7(109)

C.N. 32395

DECATUR BRIDGE





HWY. N-51
CROSS SECTIONS

NEBRASKA
Good Life. Great Journey.
DEPARTMENT OF TRANSPORTATION

Roadway Design Division
1500 Nebraska Parkway
Lincoln, NE 68502
Office: 402-479-4601

NOT FINAL
PRELIMINARY PLAN
SUBJECT TO CHANGE

COMPUTER: B800570
DATE: 12-AUG-2025 13:57
FILE: 32395 Sheets X Sections.dgn

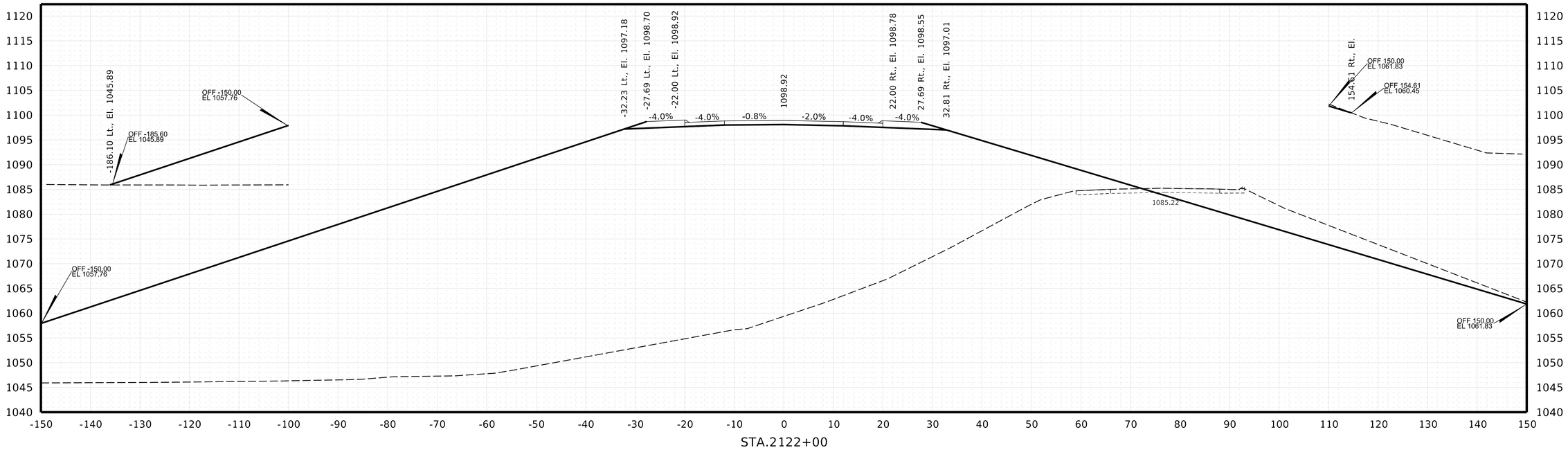
BURNS & MCDONNELL
ENGINEERING COMPANY, INC.
1010 N. 102nd Street, Suite 200
Omaha, NE 68114
Office: 402-408-3013
Nebraska C.O.A. #CA-0621

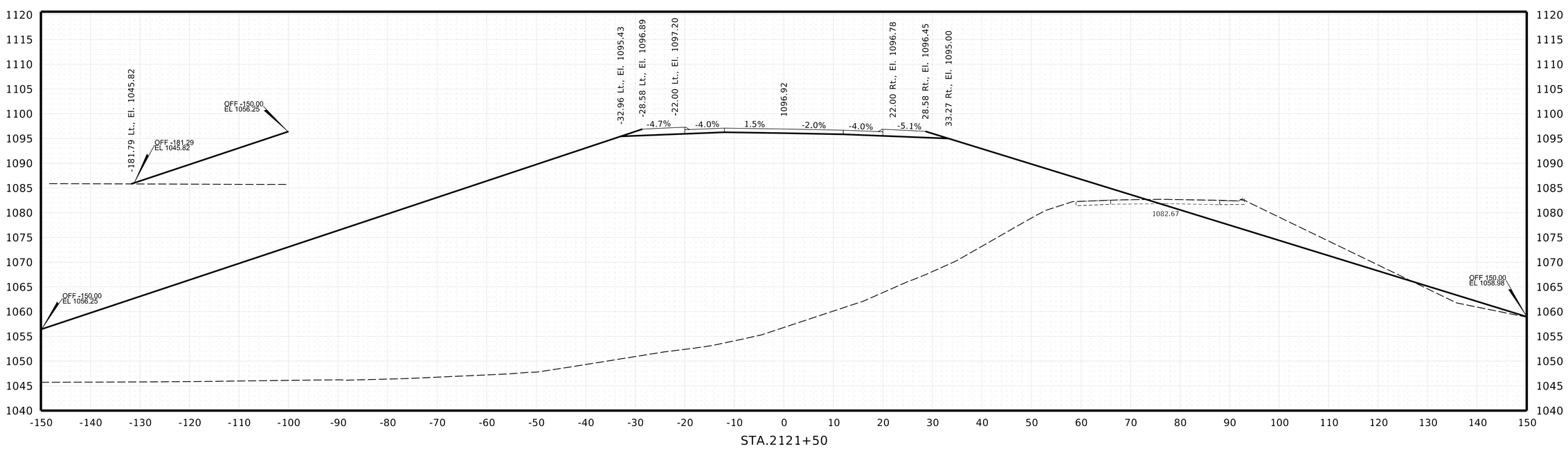
X11

Project Number
51-7(109)

C.N. 32395

DECATUR BRIDGE





HWY. N-51
CROSS SECTIONS

NEBRASKA
Good Life. Great Journey.
DEPARTMENT OF TRANSPORTATION

Roadway Design Division
1500 Nebraska Parkway
Lincoln, NE 68502
Office: 402-479-4601

NOT FINAL
PRELIMINARY PLAN
SUBJECT TO CHANGE

COMPUTER: B800570
DATE: 12-AUG-2025 13:57
FILE: 32395 Sheets X Sections.dgn

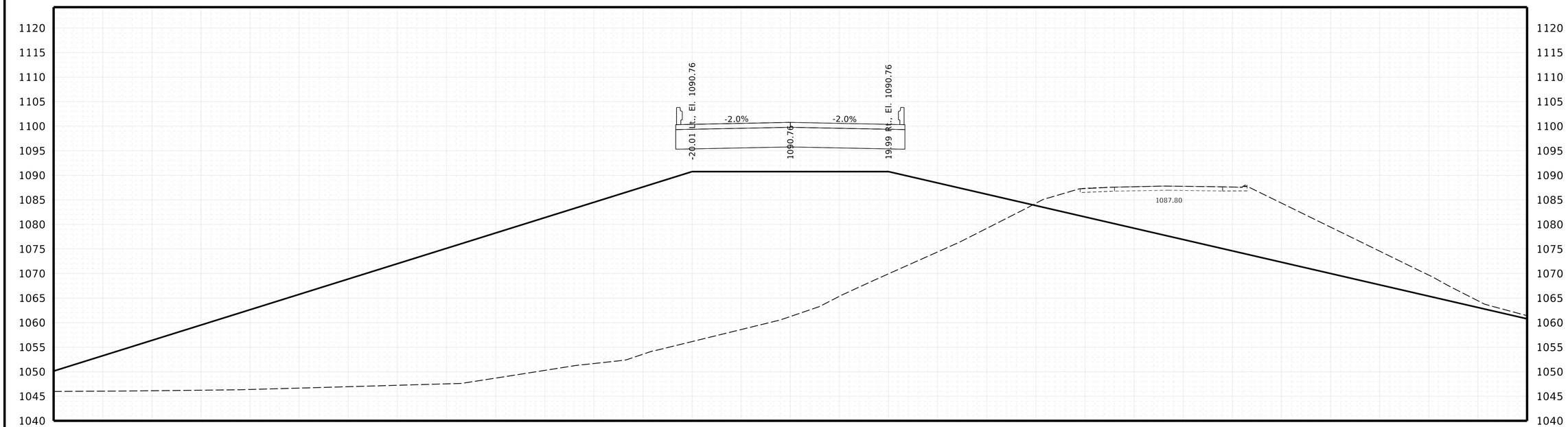
BURNS & MCDONNELL
ENGINEERING COMPANY, INC.
1010 N. 102nd Street, Suite 200
Omaha, NE 68114
Office: 402-408-3013
Nebraska C.O.A. #CA-0621

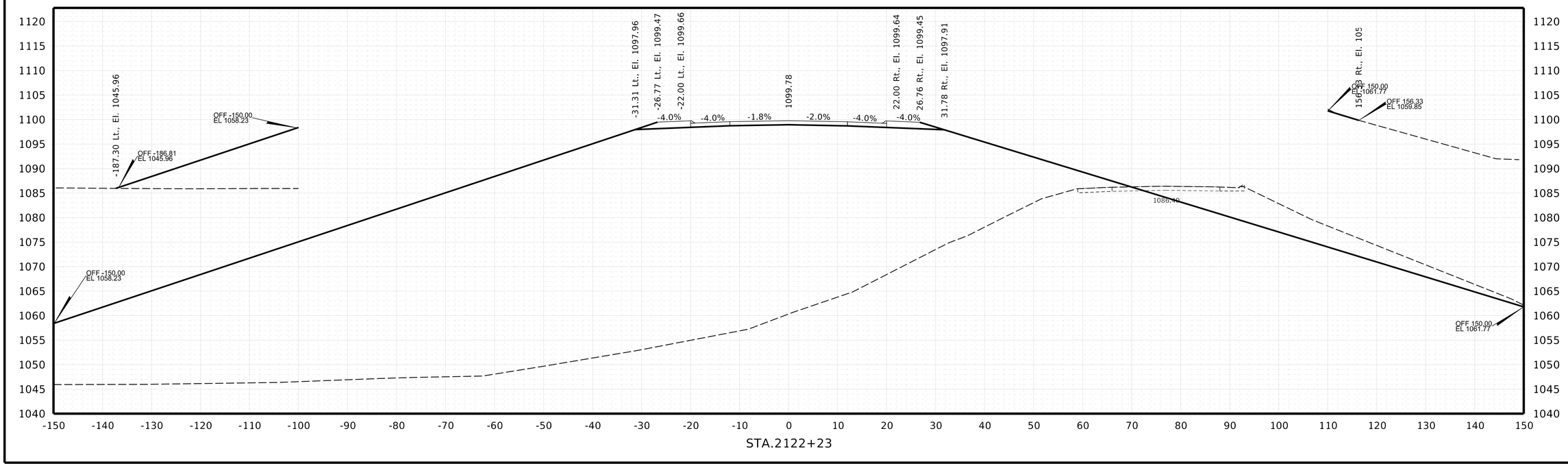
X12

Project Number
51-7(109)

C.N. 32395

DECATUR BRIDGE





HWY. N-51
CROSS SECTIONS

NEBRASKA
Good Life. Great Journey.
DEPARTMENT OF TRANSPORTATION

Roadway Design Division
1500 Nebraska Parkway
Lincoln, NE 68502
Office: 402-479-4601

NOT FINAL
PRELIMINARY PLAN
SUBJECT TO CHANGE

COMPUTER: B800570
DATE: 12-AUG-2025 13:57
FILE: 32395 Sheets X Sections.dgn

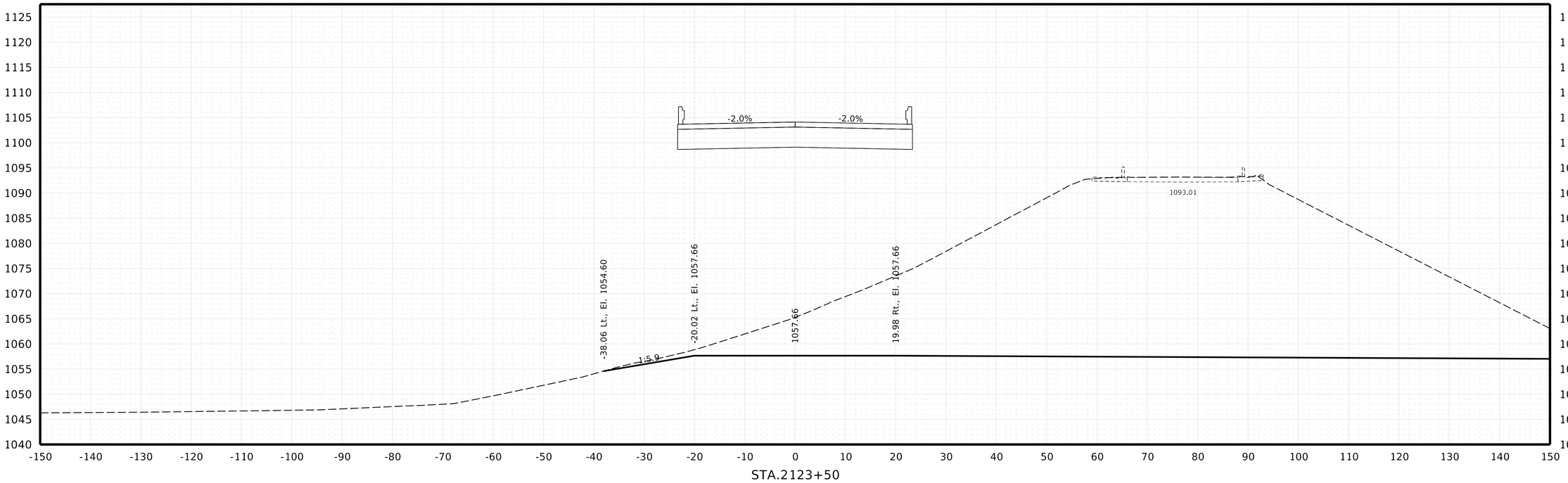
BURNS & MCDONNELL
ENGINEERING COMPANY, INC.
1010 N. 102nd Street, Suite 200
Omaha, NE 68114
Office: 402-408-3013
Nebraska C.O.A. #CA-0621

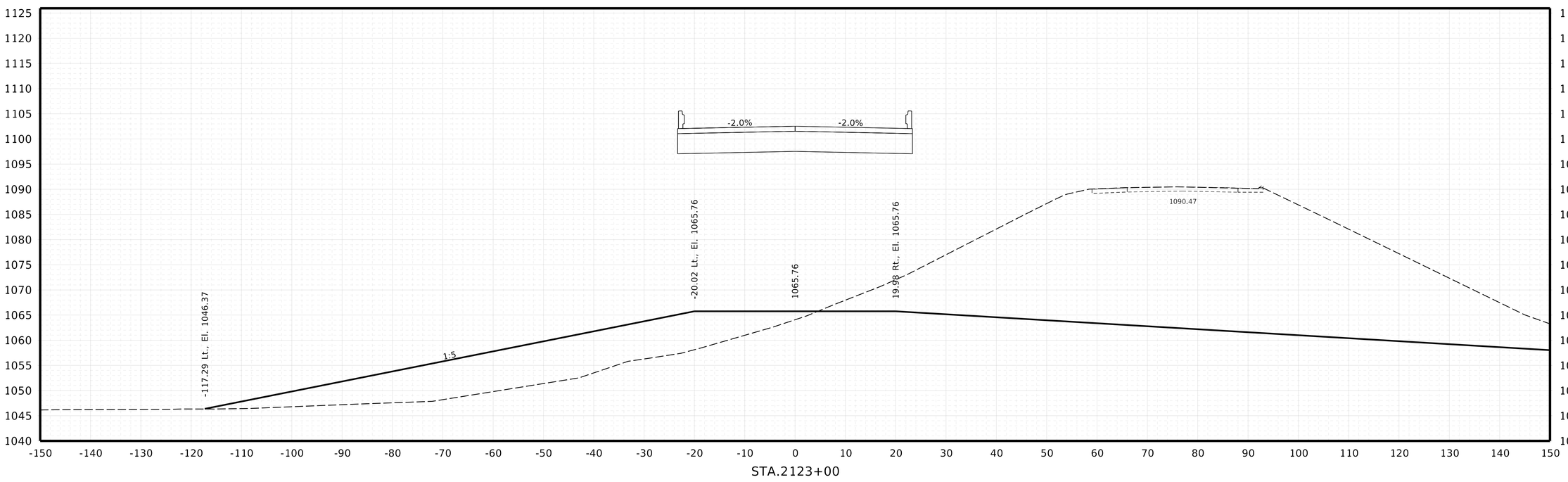
X13

Project Number
51-7(109)

C.N. 32395

DECATUR BRIDGE





HWY. N-51
CROSS SECTIONS

NEBRASKA
Good Life. Great Journey.
DEPARTMENT OF TRANSPORTATION

Roadway Design Division
1500 Nebraska Parkway
Lincoln, NE 68502
Office: 402-479-4601

* NOT FINAL *
PRELIMINARY PLAN
SUBJECT TO CHANGE

COMPUTER: B800570
DATE: 12-AUG-2025 13:57
FILE: 32395 Sheets X Sections.dgn

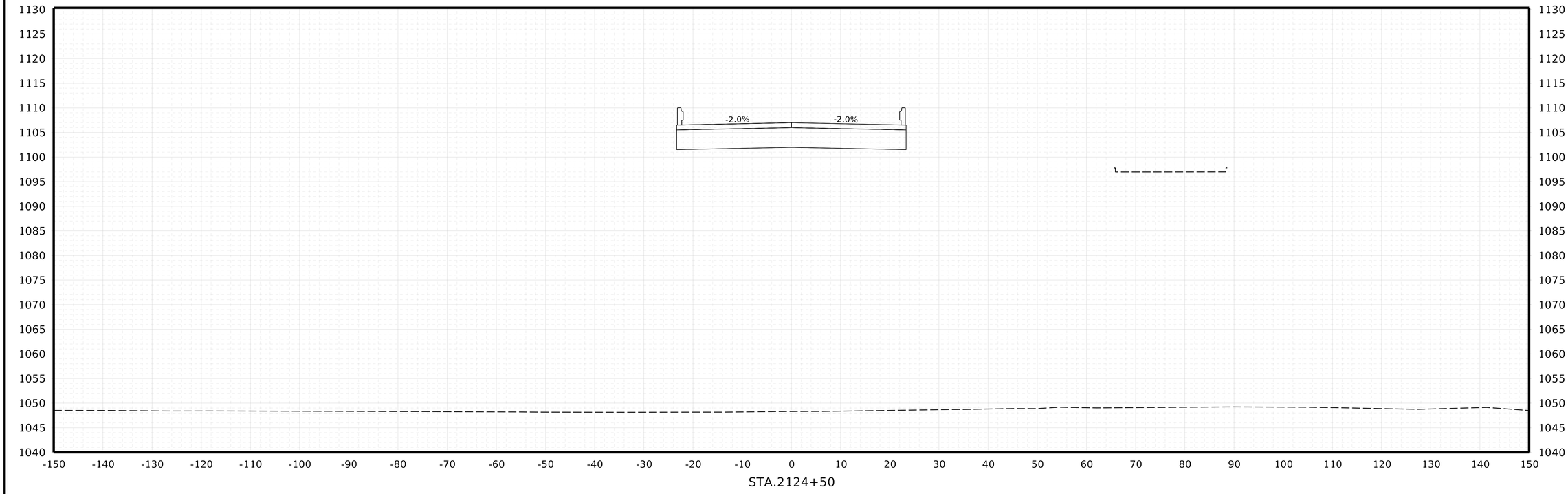
BURNS & MCDONNELL
ENGINEERING COMPANY, INC.
1010 N. 102nd Street, Suite 200
Omaha, NE 68114
Office: 402-408-3013
Nebraska C.O.A. #CA-0621

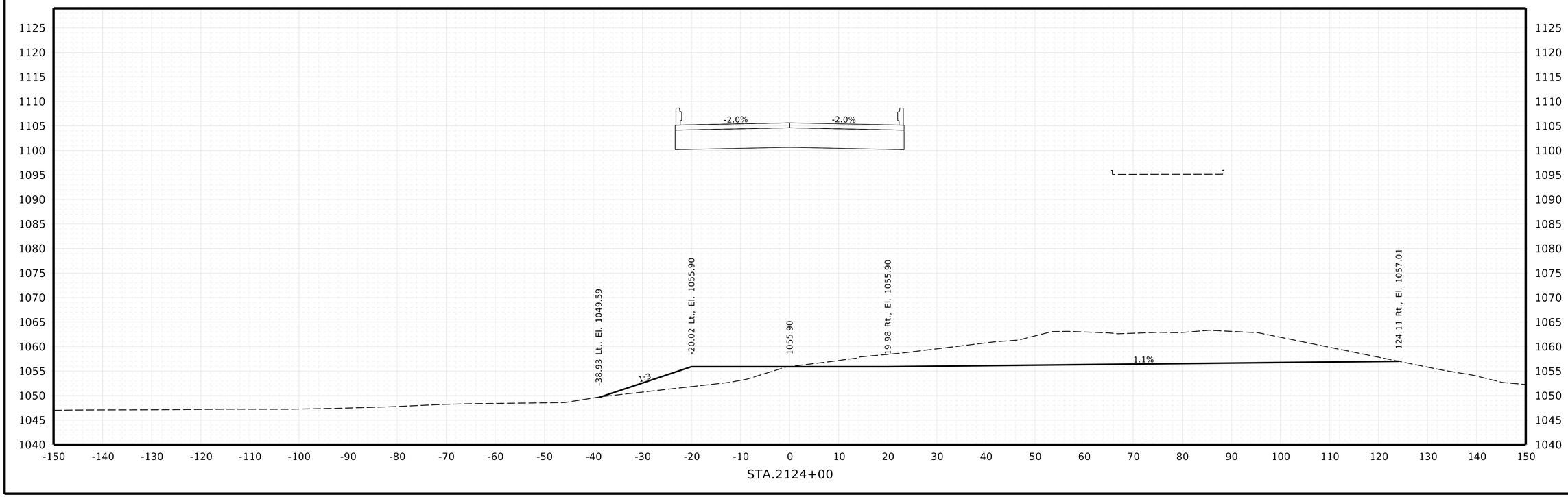
X14

Project Number
51-7(109)

C.N. 32395

DECATUR BRIDGE





HWY. N-51
CROSS SECTIONS

NEBRASKA
Good Life. Great Journey.
DEPARTMENT OF TRANSPORTATION

Roadway Design Division
1500 Nebraska Parkway
Lincoln, NE 68502
Office: 402-479-4601

NOT FINAL
PRELIMINARY PLAN
SUBJECT TO CHANGE

COMPUTER: B800570
DATE: 12-AUG-2025 13:57
FILE: 32395 Sheets X Sections.dgn

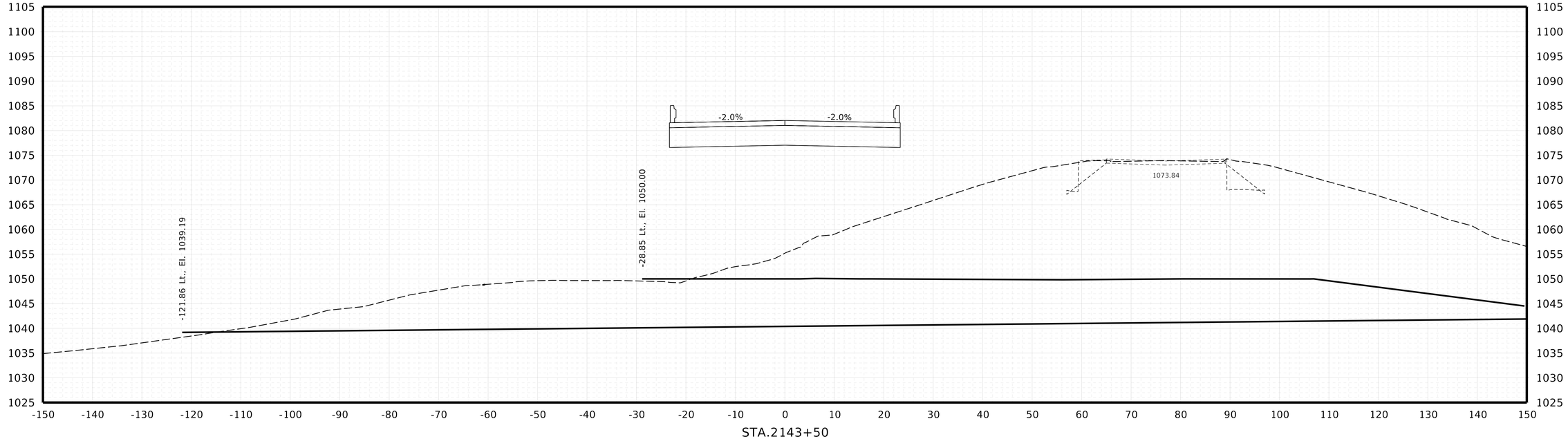
BURNS & MCDONNELL
ENGINEERING COMPANY, INC.
1010 N. 102nd Street, Suite 200
Omaha, NE 68114
Office: 402-408-3013
Nebraska C.O.A. #CA-0621

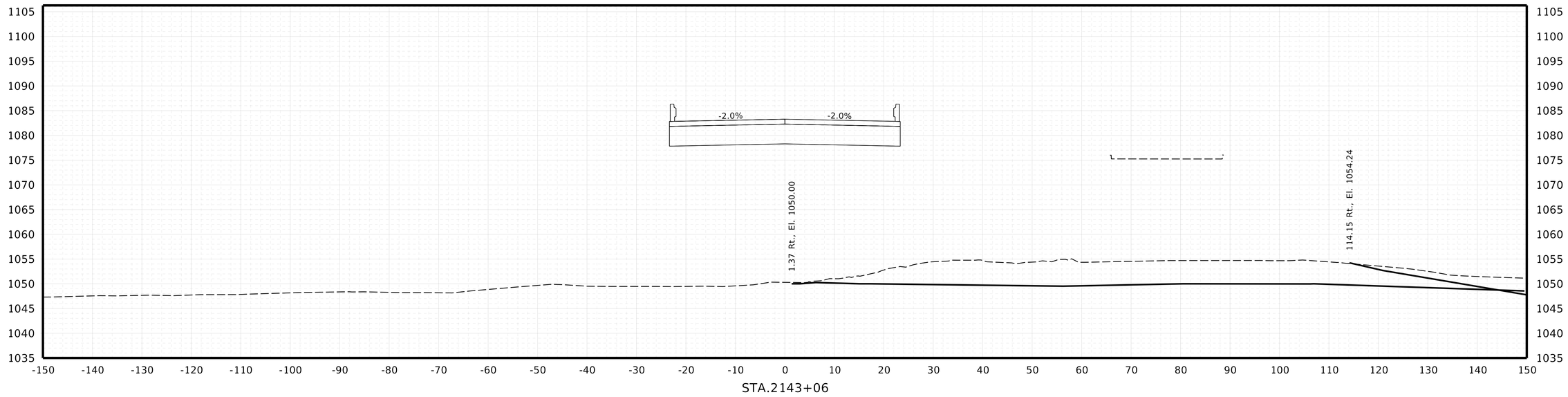
X15

Project Number
51-7(109)

C.N. 32395

DECATUR BRIDGE





HWY. IA-175
CROSS SECTIONS

NEBRASKA
Good Life. Great Journey.
DEPARTMENT OF TRANSPORTATION

Roadway Design Division
1500 Nebraska Parkway
Lincoln, NE 68502
Office: 402-479-4601

★ NOT FINAL ★
PRELIMINARY PLAN
SUBJECT TO CHANGE

COMPUTER: B800570
DATE: 12-AUG-2025 13:57
FILE: 32395 Sheets X Sections.dgn

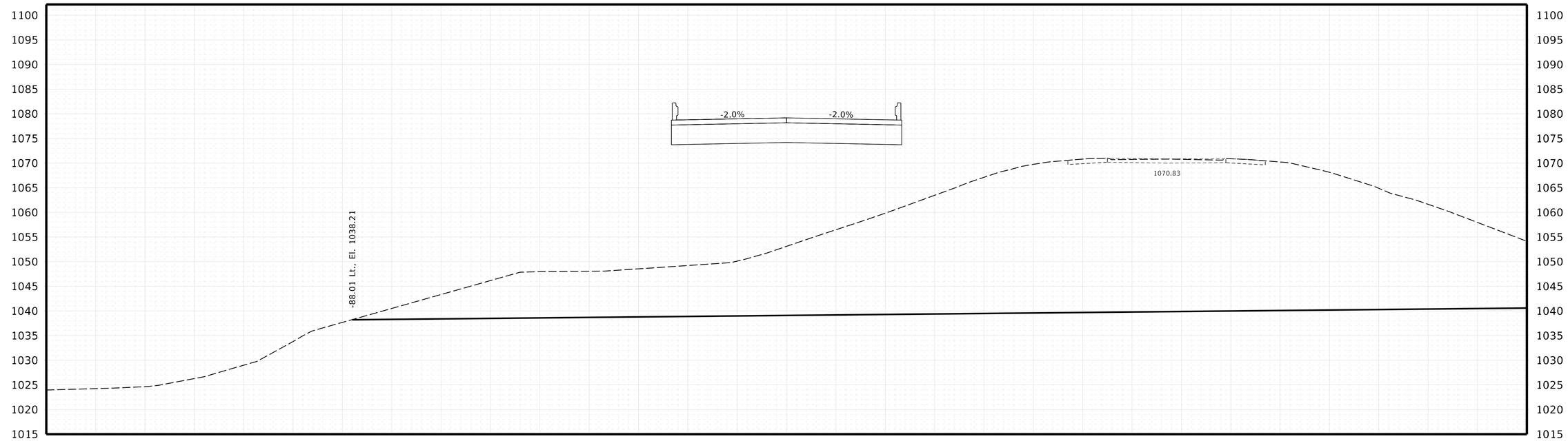
BURNS & MCDONNELL
ENGINEERING COMPANY, INC.
1010 N. 102nd Street, Suite 200
Omaha, NE 68114
Office: 402-408-3013
Nebraska C.O.A. #CA-0621

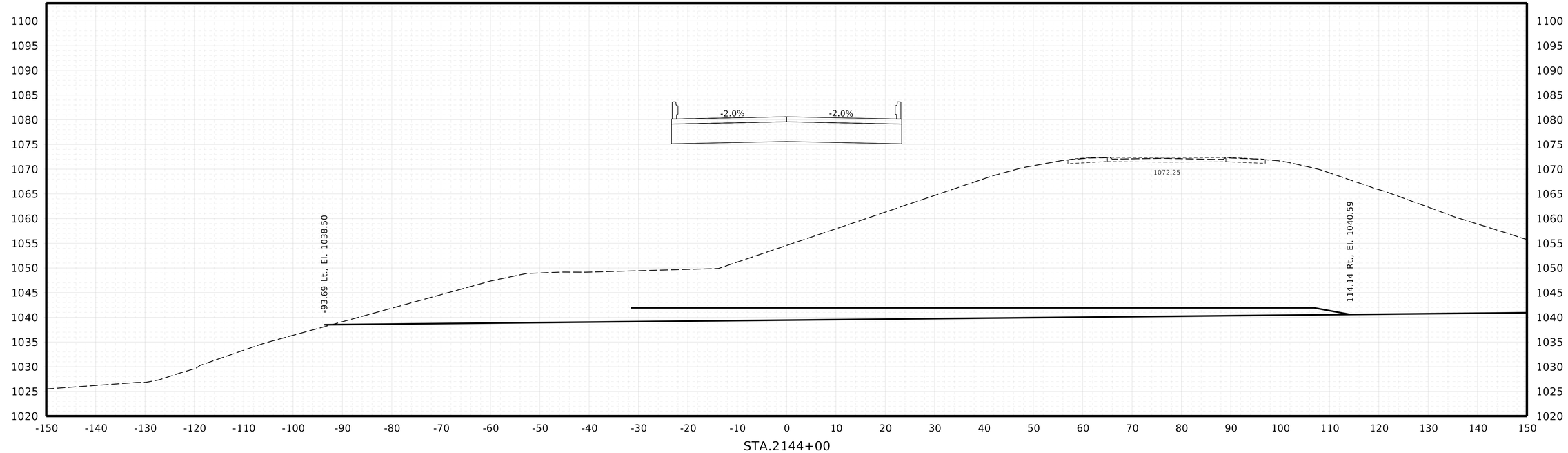
X16

Project Number
51-7(109)

C.N. 32395

DECATUR BRIDGE





HWY. IA-175
CROSS SECTIONS

NEBRASKA
Good Life. Great Journey.
DEPARTMENT OF TRANSPORTATION

Roadway Design Division
1500 Nebraska Parkway
Lincoln, NE 68502
Office: 402-479-4601

★ NOT FINAL ★
PRELIMINARY PLAN
SUBJECT TO CHANGE

COMPUTER: B800570
DATE: 12-AUG-2025 13:57
FILE: 32395 Sheets X Sections.dgn

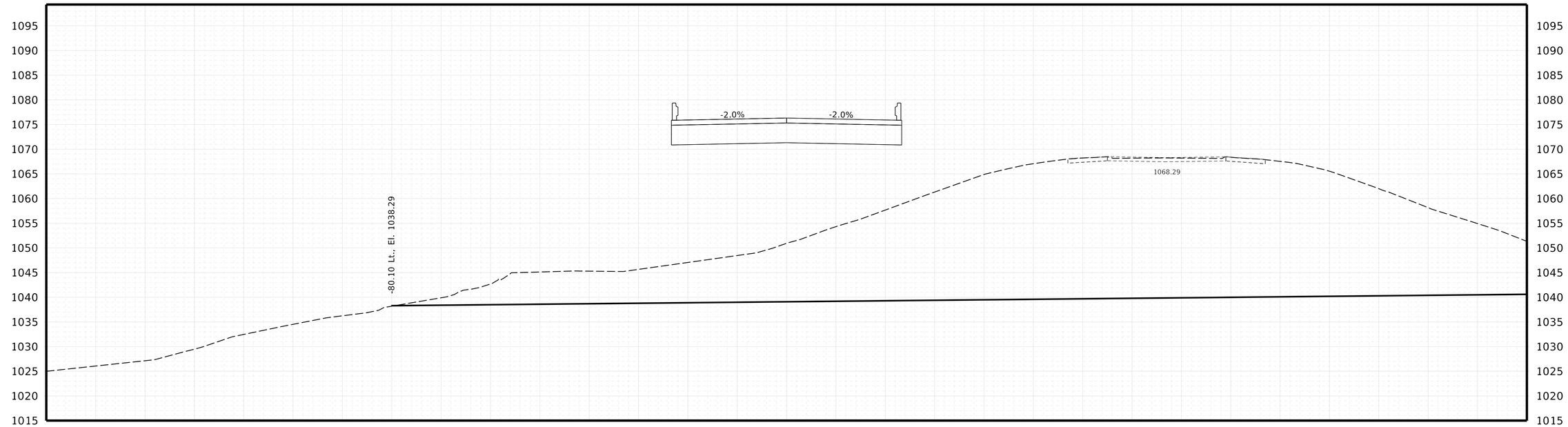
BURNS & MCDONNELL
ENGINEERING COMPANY, INC.
1010 N. 102nd Street, Suite 200
Omaha, NE 68114
Office: 402-408-3013
Nebraska C.O.A. #CA-0621

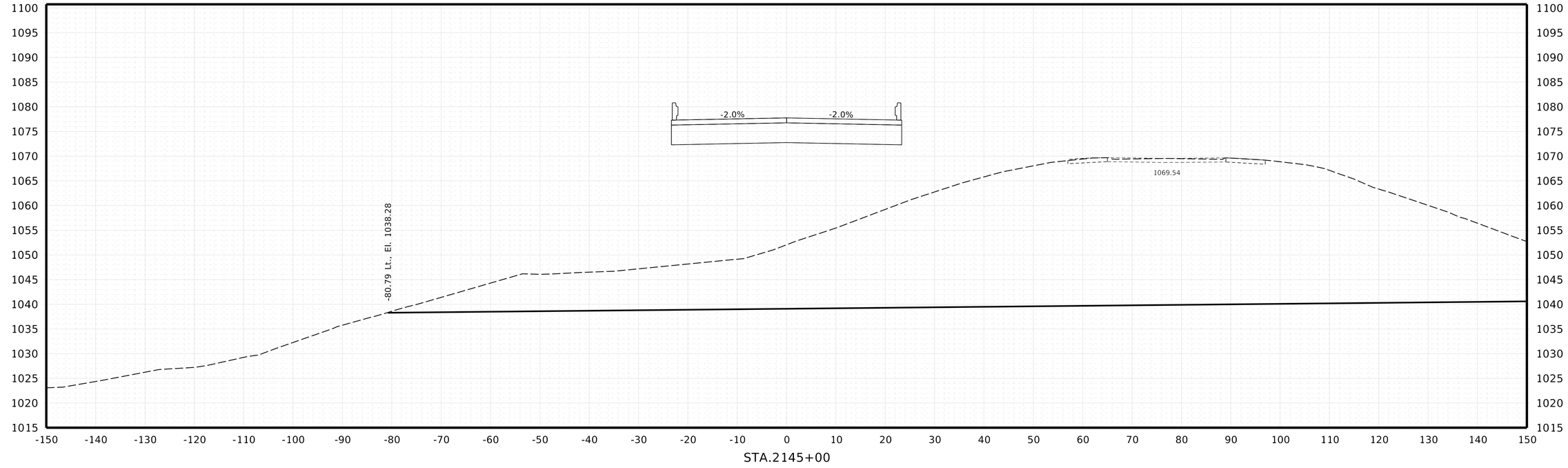
X17

Project Number
51-7(109)

C.N. 32395

DECATUR BRIDGE





HWY. IA-175
CROSS SECTIONS

NEBRASKA
Good Life. Great Journey.
DEPARTMENT OF TRANSPORTATION

Roadway Design Division
1500 Nebraska Parkway
Lincoln, NE 68502
Office: 402-479-4601

* NOT FINAL *
PRELIMINARY PLAN
SUBJECT TO CHANGE

COMPUTER: B800570
DATE: 12-AUG-2025 13:57
FILE: 32395 Sheets X Sections.dgn

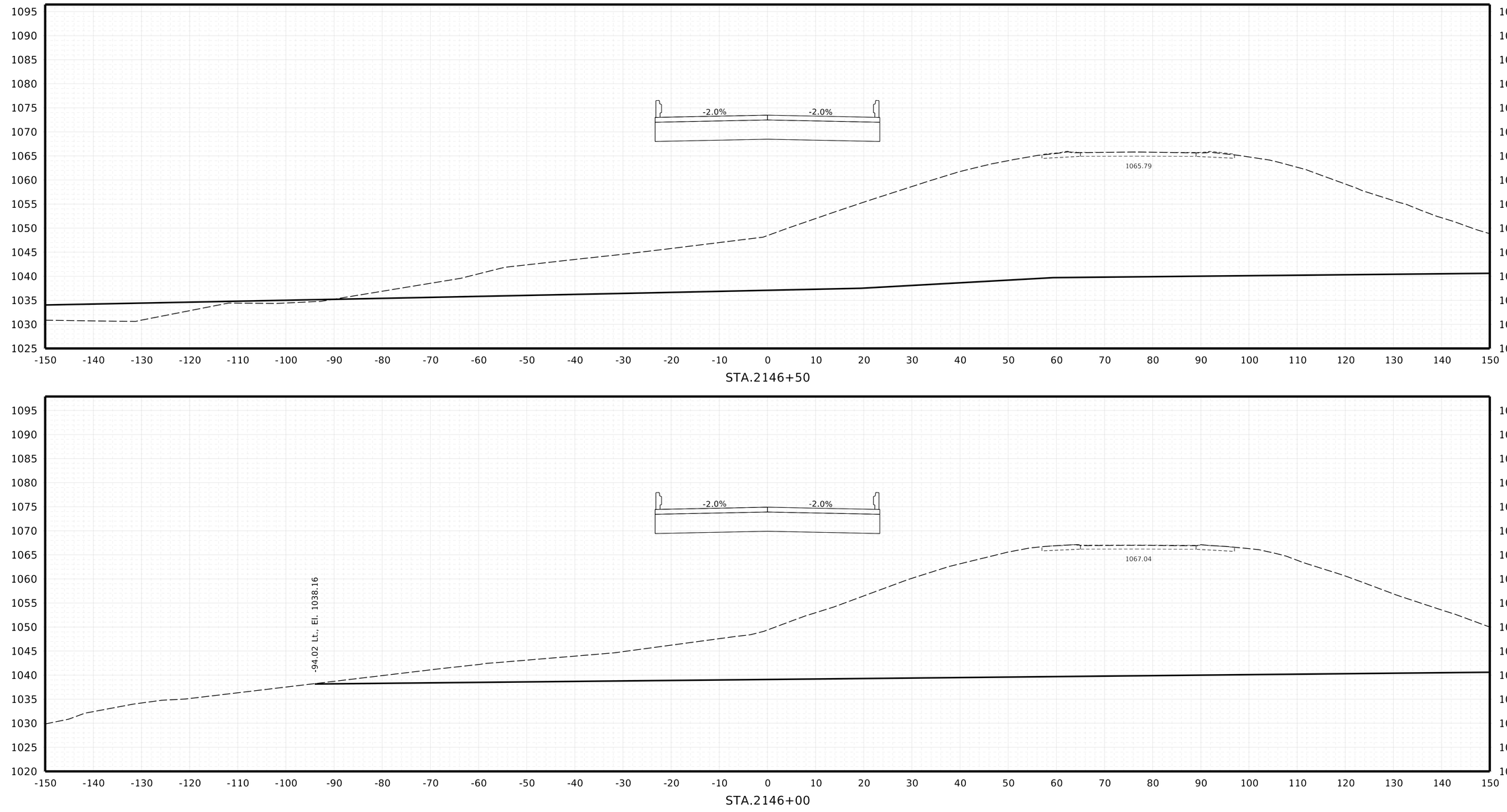
BURNS & MCDONNELL
ENGINEERING COMPANY, INC.
1010 N. 102nd Street, Suite 200
Omaha, NE 68114
Office: 402-408-3013
Nebraska C.O.A. #CA-0621

X18

Project Number
51-7(109)

C.N. 32395

DECATUR BRIDGE



HWY. IA-175
CROSS SECTIONS

NEBRASKA
Good Life. Great Journey.
DEPARTMENT OF TRANSPORTATION

Roadway Design Division
1500 Nebraska Parkway
Lincoln, NE 68502
Office: 402-479-4601

★ NOT FINAL ★
PRELIMINARY PLAN
SUBJECT TO CHANGE

COMPUTER: B800570
DATE: 12-AUG-2025 13:57
FILE: 32395 Sheets X Sections.dgn

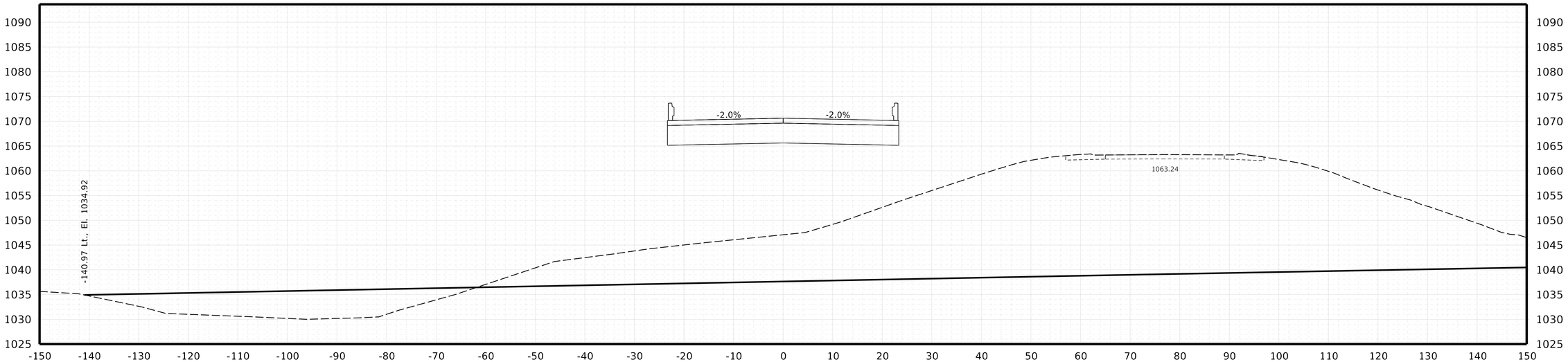
BURNS & MCDONNELL
ENGINEERING COMPANY, INC.
1010 N. 102nd Street, Suite 200
Omaha, NE 68114
Office: 402-408-3013
Nebraska C.O.A. #CA-0621

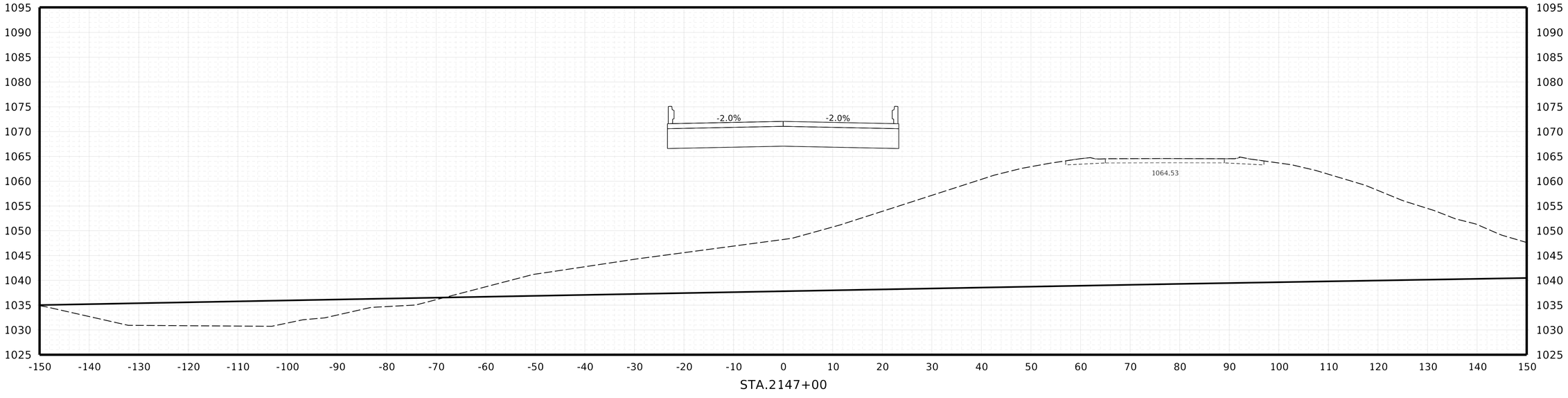
X19

Project Number
51-7(109)

C.N. 32395

DECATUR BRIDGE





HWY. IA-175
CROSS SECTIONS

NEBRASKA
Good Life. Great Journey.
DEPARTMENT OF TRANSPORTATION

Roadway Design Division
1500 Nebraska Parkway
Lincoln, NE 68502
Office: 402-479-4601

* NOT FINAL *
PRELIMINARY PLAN
SUBJECT TO CHANGE

COMPUTER: B800570
DATE: 12-AUG-2025 13:57
FILE: 32395 Sheets X Sections.dgn

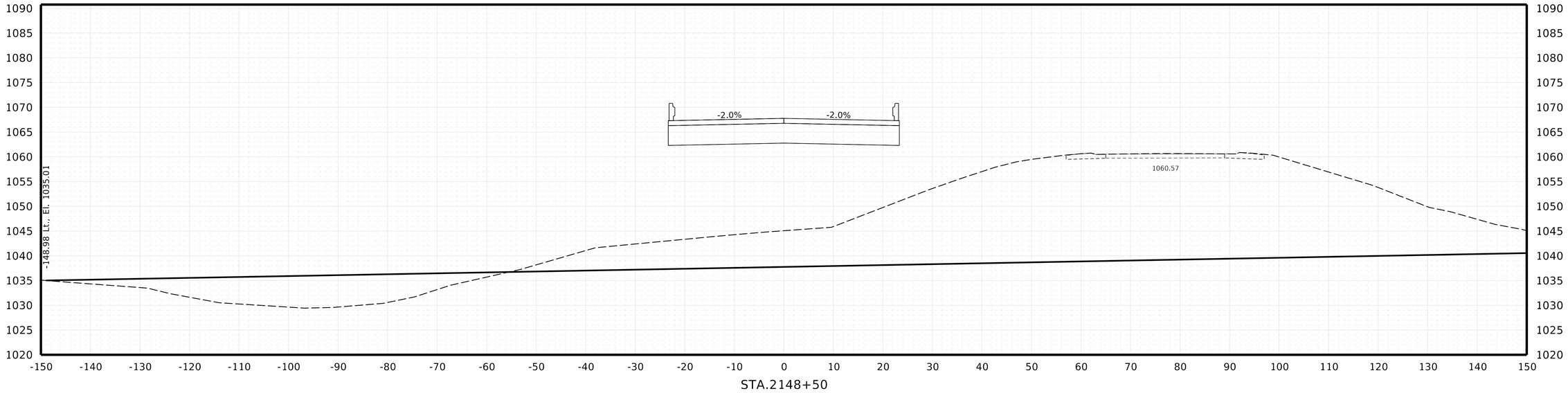
BURNS & MCDONNELL
ENGINEERING COMPANY, INC.
1010 N. 102nd Street, Suite 200
Omaha, NE 68114
Office: 402-408-3013
Nebraska C.O.A. #CA-0621

X20

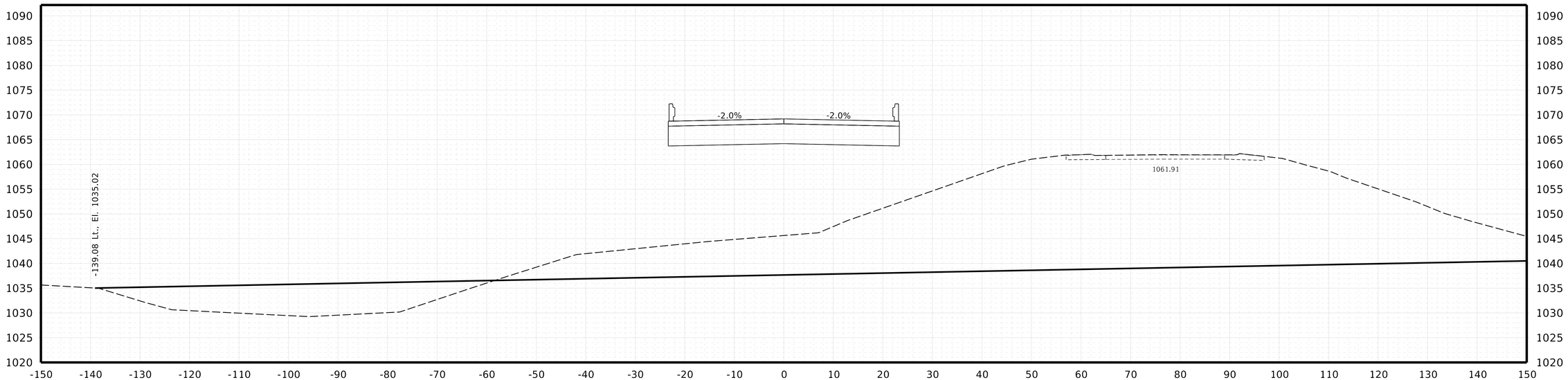
Project Number
51-7(109)

C.N. 32395

DECATUR BRIDGE



STA.2148+50



STA.2148+00

HWY. IA-175
CROSS SECTIONS

NEBRASKA
Good Life. Great Journey.
DEPARTMENT OF TRANSPORTATION

Roadway Design Division
1500 Nebraska Parkway
Lincoln, NE 68502
Office: 402-479-4601

* NOT FINAL *
PRELIMINARY PLAN
SUBJECT TO CHANGE

COMPUTER: B800570
DATE: 12-AUG-2025 13:57
FILE: 32395 Sheets X Sections.dgn

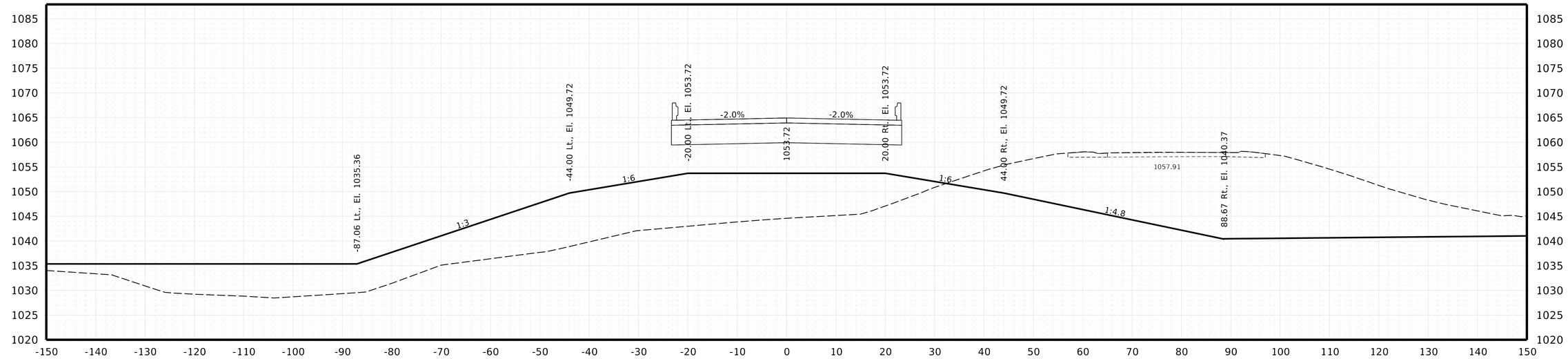
BURNS & MCDONNELL
ENGINEERING COMPANY, INC.
1010 N. 102nd Street, Suite 200
Omaha, NE 68114
Office: 402-408-3013
Nebraska C.O.A. #CA-0621

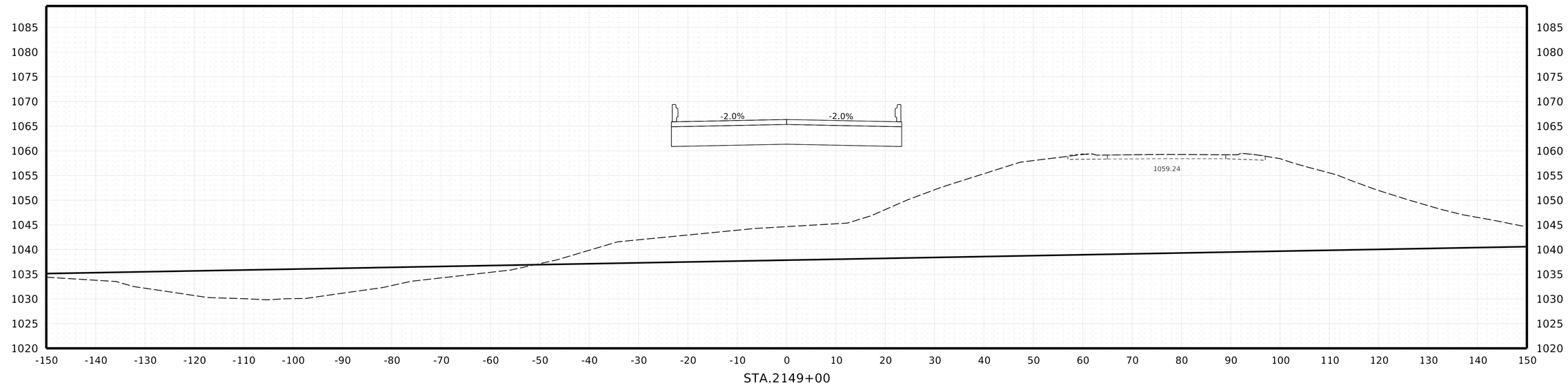
X21

Project Number
51-7(109)

C.N. 32395

DECATUR BRIDGE





HWY. IA-175
CROSS SECTIONS

NEBRASKA
Good Life. Great Journey.
DEPARTMENT OF TRANSPORTATION

Roadway Design Division
1500 Nebraska Parkway
Lincoln, NE 68502
Office: 402-479-4601

★ NOT FINAL ★
PRELIMINARY PLAN
SUBJECT TO CHANGE

COMPUTER: B800570
DATE: 12-AUG-2025 13:57
FILE: 32395 Sheets X Sections.dgn

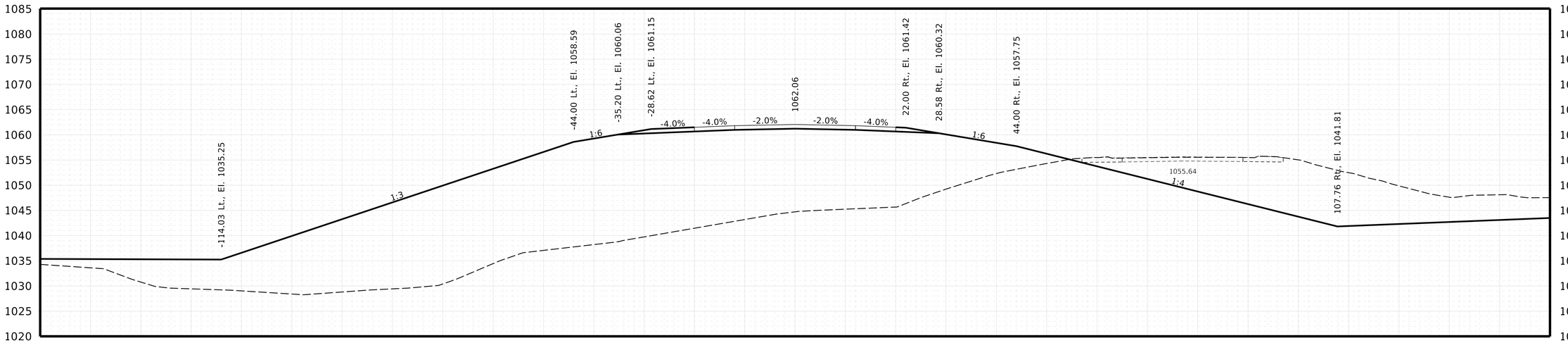
BURNS & MCDONNELL
ENGINEERING COMPANY, INC.
1010 N. 102nd Street, Suite 200
Omaha, NE 68114
Office: 402-408-3013
Nebraska C.O.A. #CA-0621

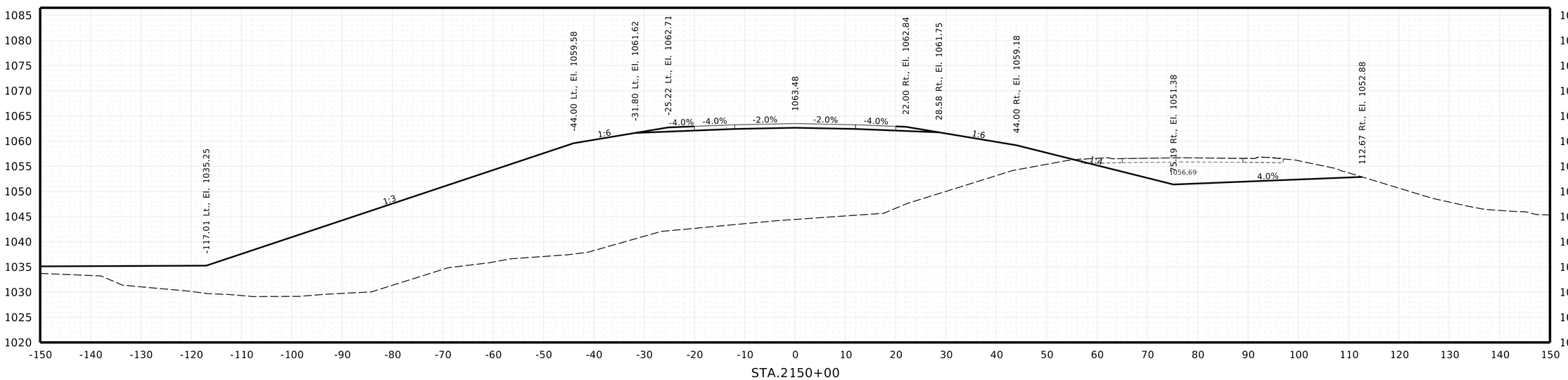
X22

Project Number
51-7(109)

C.N. 32395

DECATUR BRIDGE





HWY. IA-175
CROSS SECTIONS

NEBRASKA
Good Life. Great Journey.
DEPARTMENT OF TRANSPORTATION

Roadway Design Division
1500 Nebraska Parkway
Lincoln, NE 68502
Office: 402-479-4601

* NOT FINAL *
PRELIMINARY PLAN
SUBJECT TO CHANGE

COMPUTER: B800570
DATE: 12-AUG-2025 13:57
FILE: 32395 Sheets X Sections.dgn

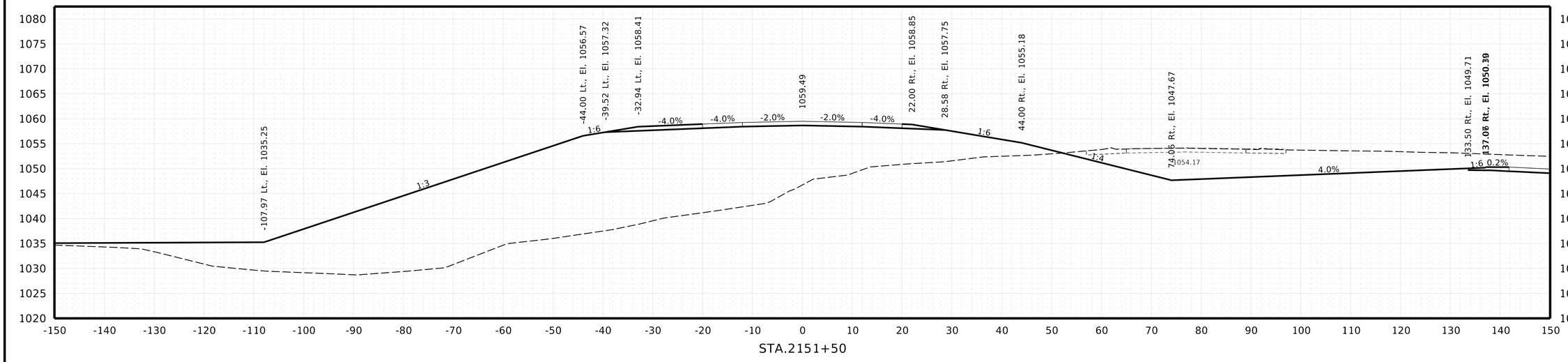
BURNS & MCDONNELL
ENGINEERING COMPANY, INC.
1010 N. 102nd Street, Suite 200
Omaha, NE 68114
Office: 402-408-3013
Nebraska C.O.A. #CA-0621

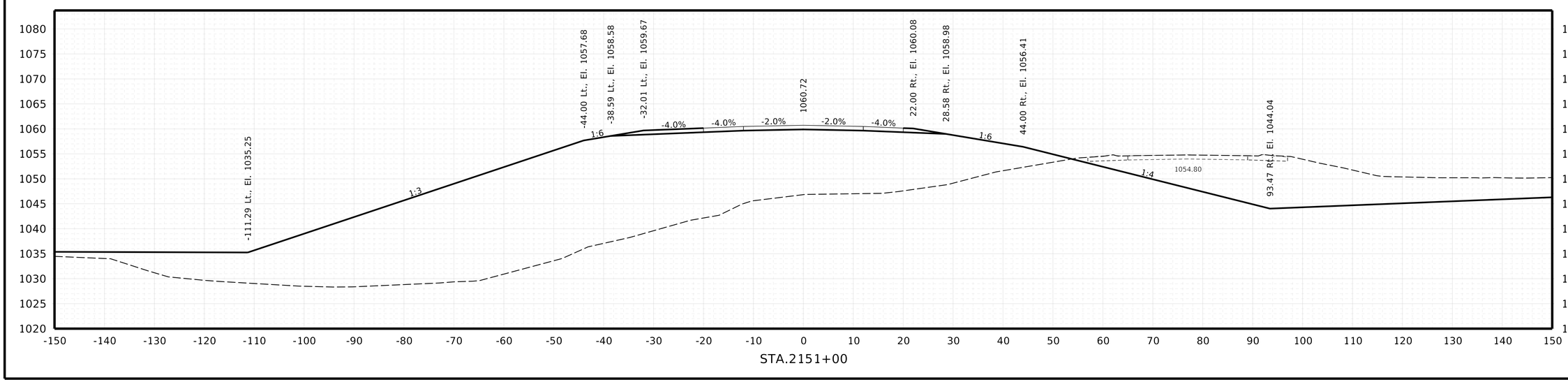
X23

Project Number
51-7(109)

C.N. 32395

DECATUR BRIDGE





HWY. IA-175
CROSS SECTIONS

NEBRASKA
Good Life. Great Journey.
DEPARTMENT OF TRANSPORTATION

Roadway Design Division
1500 Nebraska Parkway
Lincoln, NE 68502
Office: 402-479-4601

★ NOT FINAL ★
PRELIMINARY PLAN
SUBJECT TO CHANGE

COMPUTER: B800570
DATE: 12-AUG-2025 13:57
FILE: 32395 Sheets X Sections.dgn

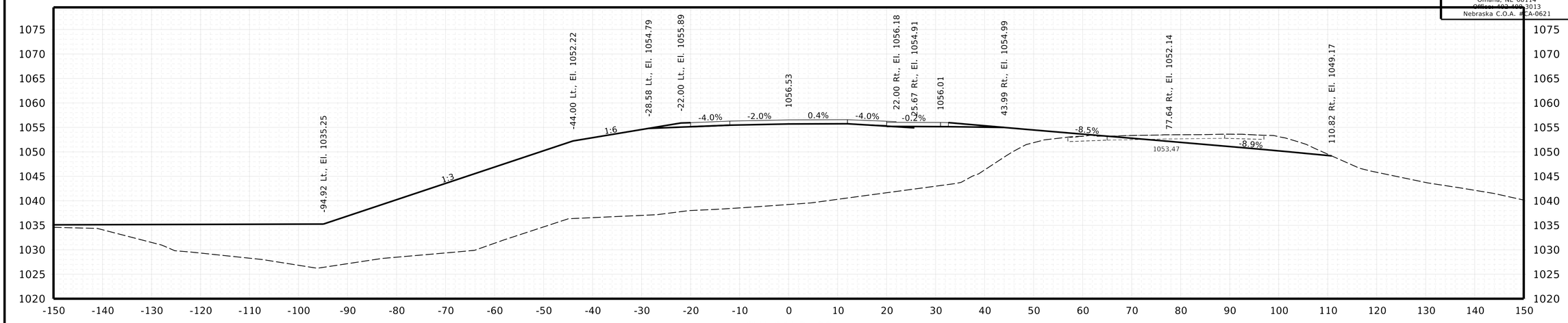
BURNS & MCDONNELL
ENGINEERING COMPANY, INC.
1010 N. 102nd Street, Suite 200
Omaha, NE 68114
Office: 402.498.3013
Nebraska C.O.A. #CA-0621

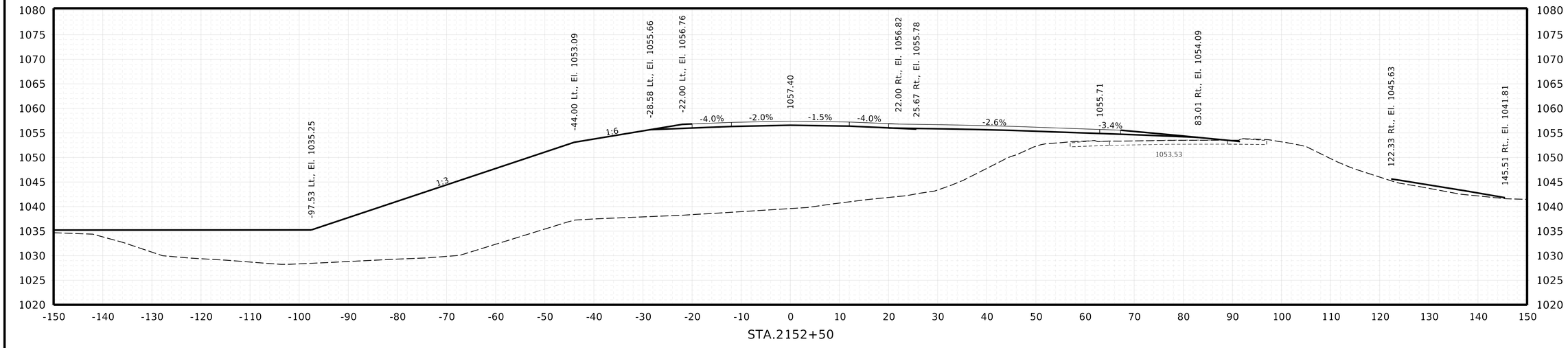
X24

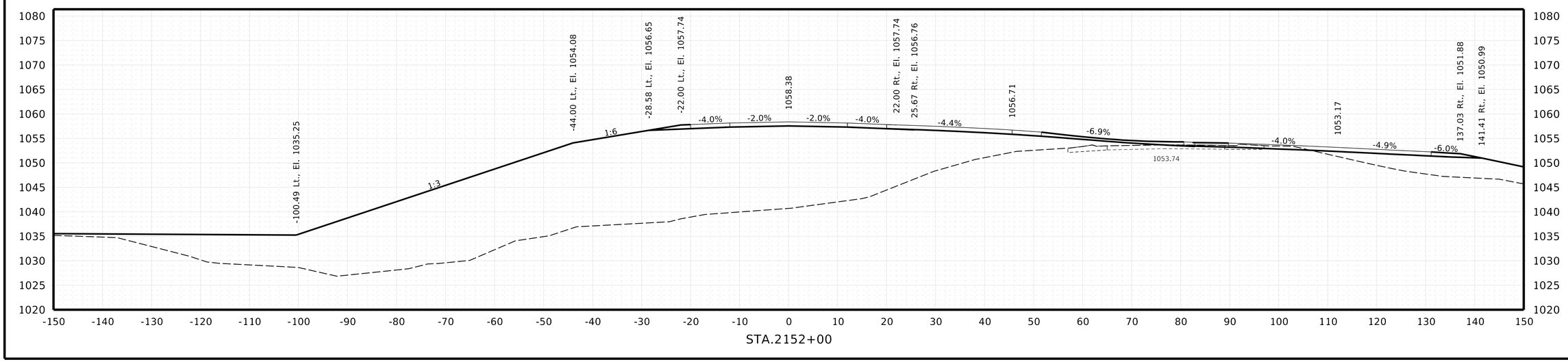
Project Number
51-7(109)

C.N. 32395

DECATUR BRIDGE







HWY. IA-175
CROSS SECTIONS

NEBRASKA
Good Life. Great Journey.
DEPARTMENT OF TRANSPORTATION

Roadway Design Division
1500 Nebraska Parkway
Lincoln, NE 68502
Office: 402-479-4601

* NOT FINAL *
PRELIMINARY PLAN
SUBJECT TO CHANGE

COMPUTER: B800570
DATE: 12-AUG-2025 13:57
FILE: 32395 Sheets X Sections.dgn

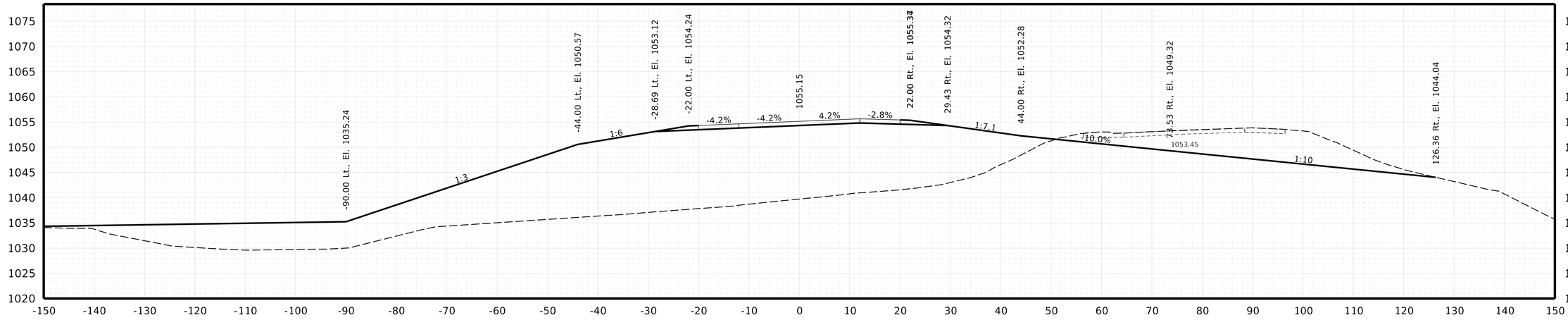
BURNS & MCDONNELL
ENGINEERING COMPANY, INC.
1010 N. 102nd Street, Suite 200
Omaha, NE 68114
Office: 402-408-3013
Nebraska C.O.A. #CA-0621

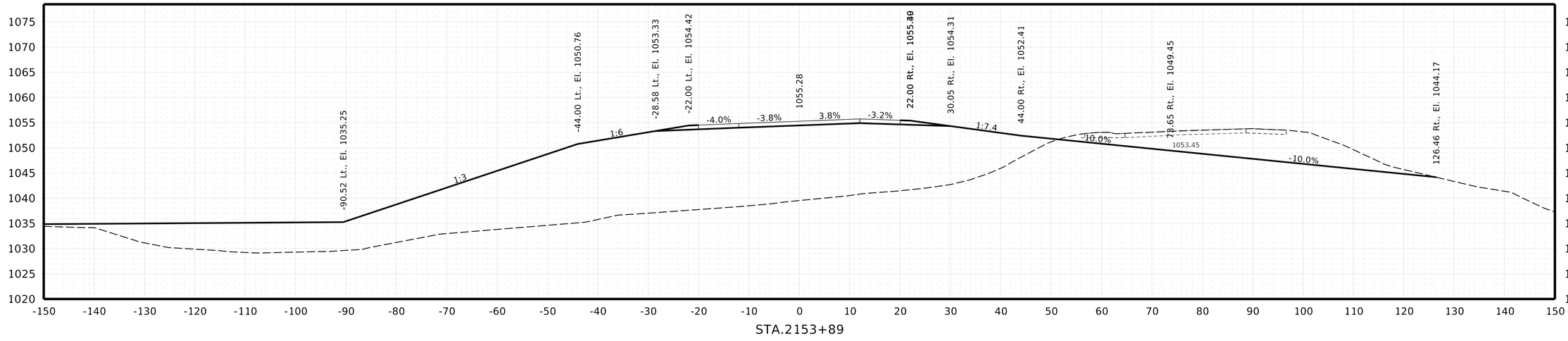
X25

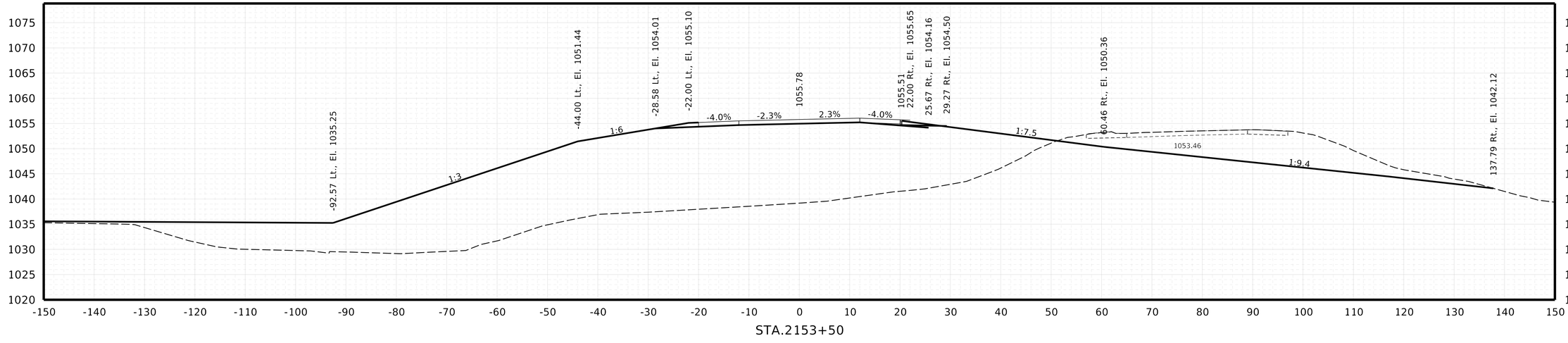
Project Number
51-7(109)

C.N. 32395

DECATUR BRIDGE







HWY. IA-175
CROSS SECTIONS

NEBRASKA
Good Life. Great Journey.
DEPARTMENT OF TRANSPORTATION

Roadway Design Division
1500 Nebraska Parkway
Lincoln, NE 68502
Office: 402-479-4601

★ NOT FINAL ★
PRELIMINARY PLAN
SUBJECT TO CHANGE

COMPUTER: B800570
DATE: 12-AUG-2025 13:57
FILE: 32395 Sheets X Sections.dgn

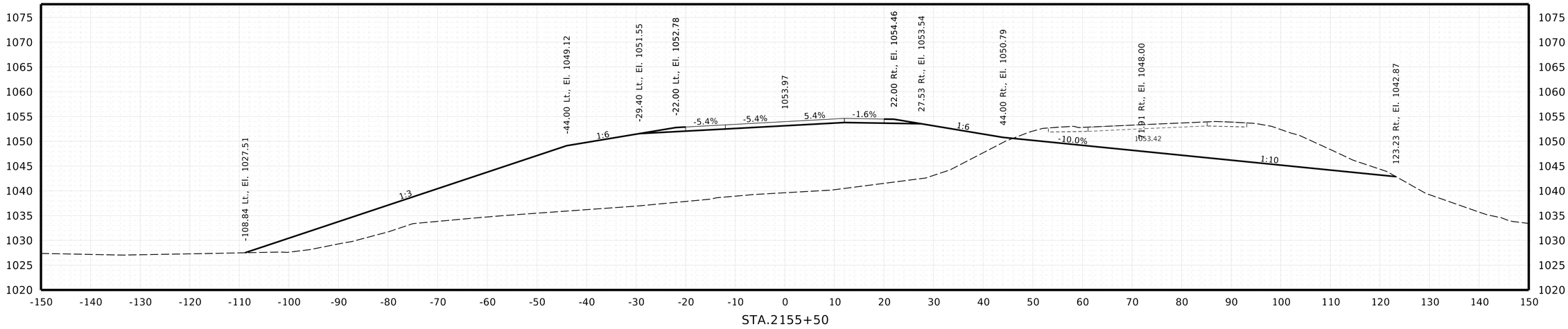
BURNS & MCDONNELL
ENGINEERING COMPANY, INC.
1010 N. 102nd Street, Suite 200
Omaha, NE 68114
Office: 402-408-3013
Nebraska C.O.A. #CA-0621

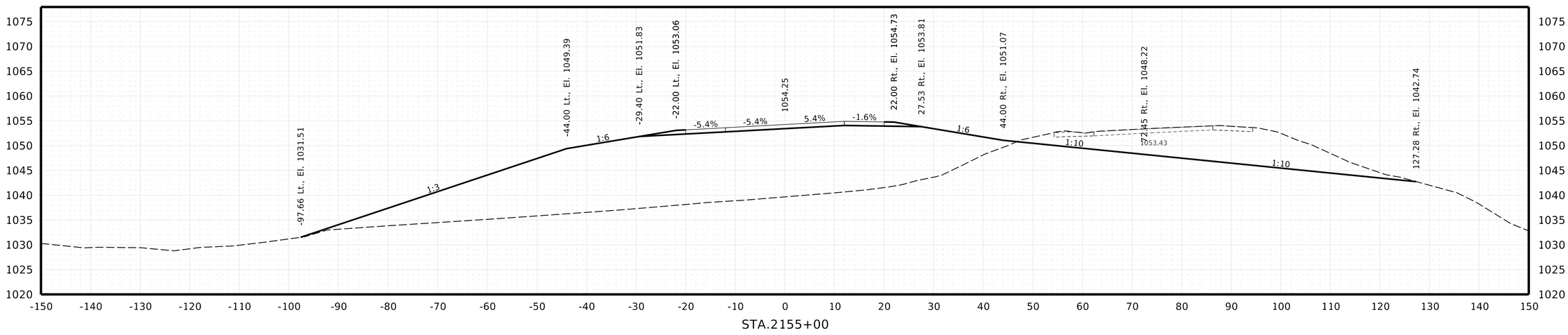
X26

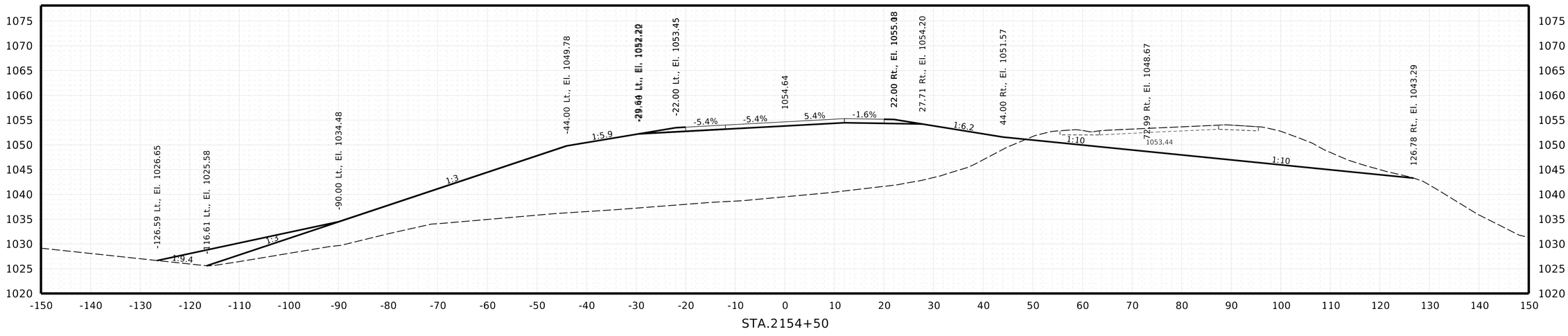
Project Number
51-7(109)

C.N. 32395

DECATUR BRIDGE







HWY. IA-175
CROSS SECTIONS

NEBRASKA
Good Life. Great Journey.
DEPARTMENT OF TRANSPORTATION

Roadway Design Division
1500 Nebraska Parkway
Lincoln, NE 68502
Office: 402-479-4601

* NOT FINAL *
PRELIMINARY PLAN
SUBJECT TO CHANGE

COMPUTER: B800570
DATE: 12-AUG-2025 13:57
FILE: 32395 Sheets X Sections.dgn

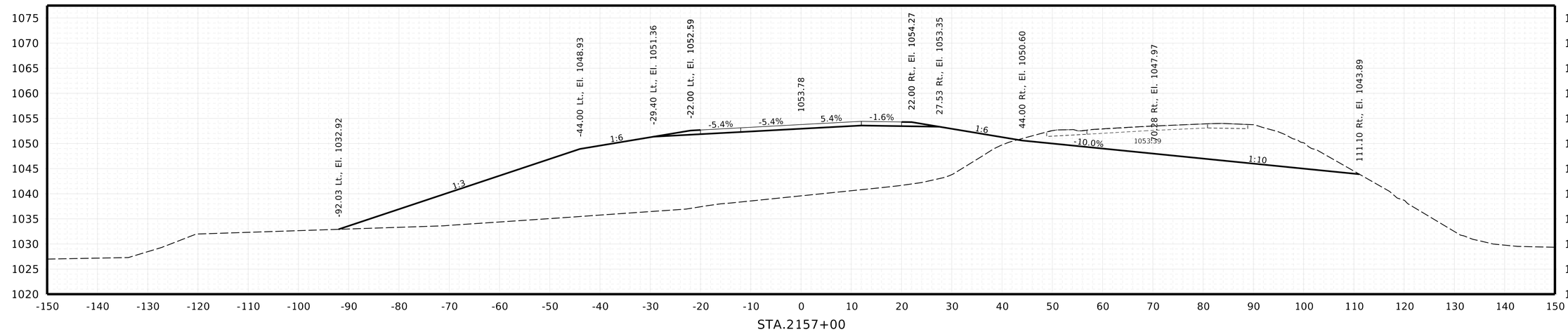
BURNS & MCDONNELL
ENGINEERING COMPANY, INC.
1010 N. 102nd Street, Suite 200
Omaha, NE 68114
Office: 402-408-3013
Nebraska C.O.A. #CA-0621

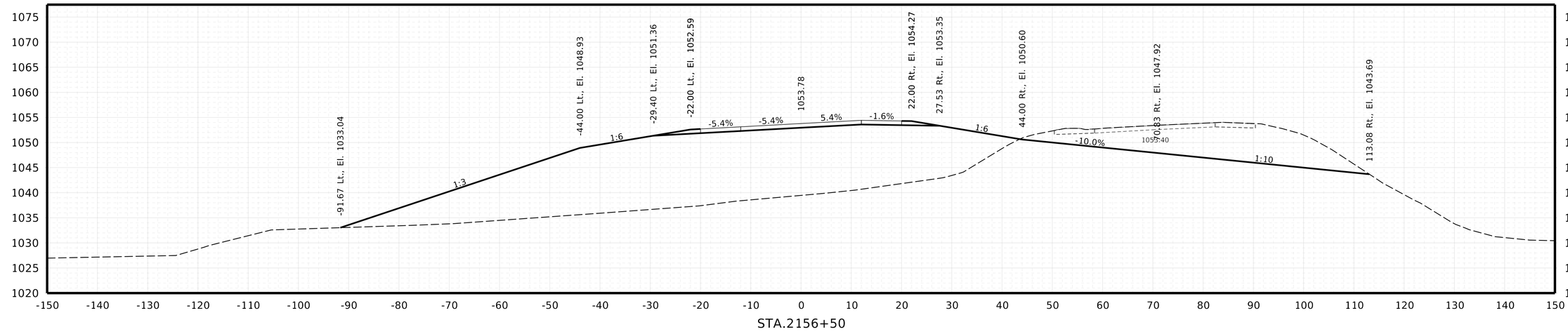
X27

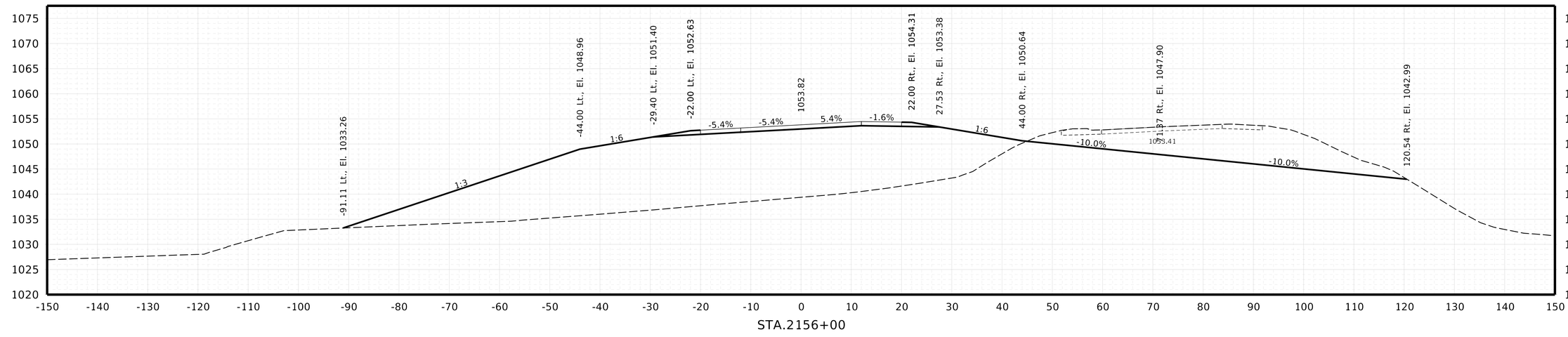
Project Number
51-7(109)

C.N. 32395

DECATUR BRIDGE







HWY. IA-175
CROSS SECTIONS

NEBRASKA
Good Life. Great Journey.
DEPARTMENT OF TRANSPORTATION

Roadway Design Division
1500 Nebraska Parkway
Lincoln, NE 68502
Office: 402-479-4601

★ NOT FINAL ★
PRELIMINARY PLAN
SUBJECT TO CHANGE

COMPUTER: B800570
DATE: 12-AUG-2025 13:57
FILE: 32395 Sheets X Sections.dgn

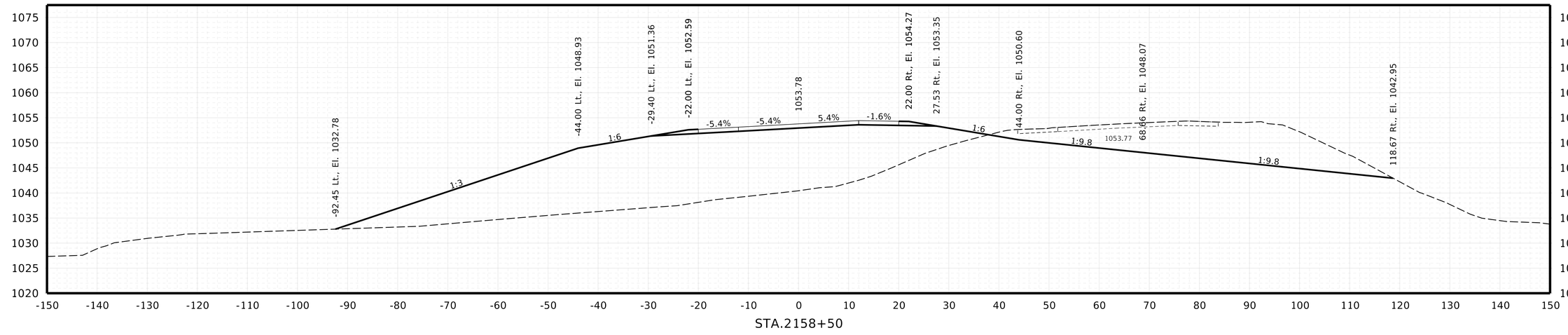
BURNS & MCDONNELL
ENGINEERING COMPANY, INC.
1010 N. 102nd Street, Suite 200
Omaha, NE 68114
Office: 402-408-3013
Nebraska C.O.A. #CA-0621

X28

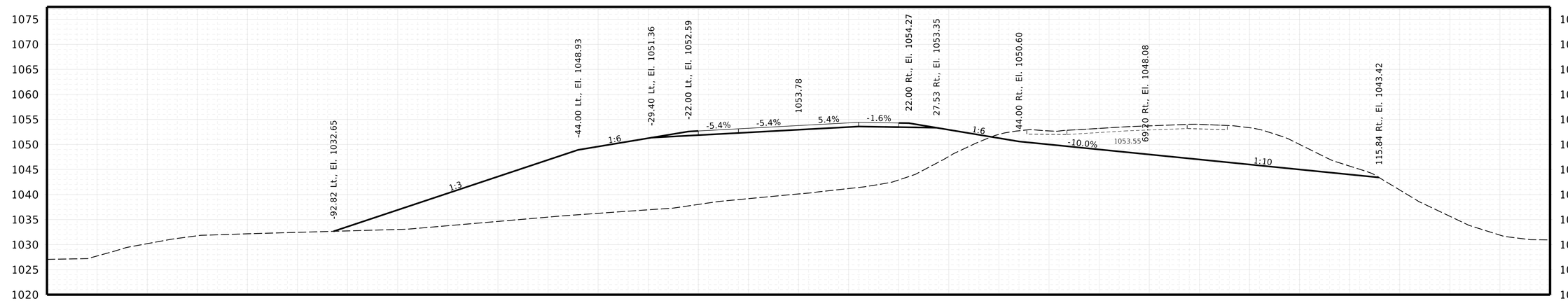
Project Number
51-7(109)

C.N. 32395

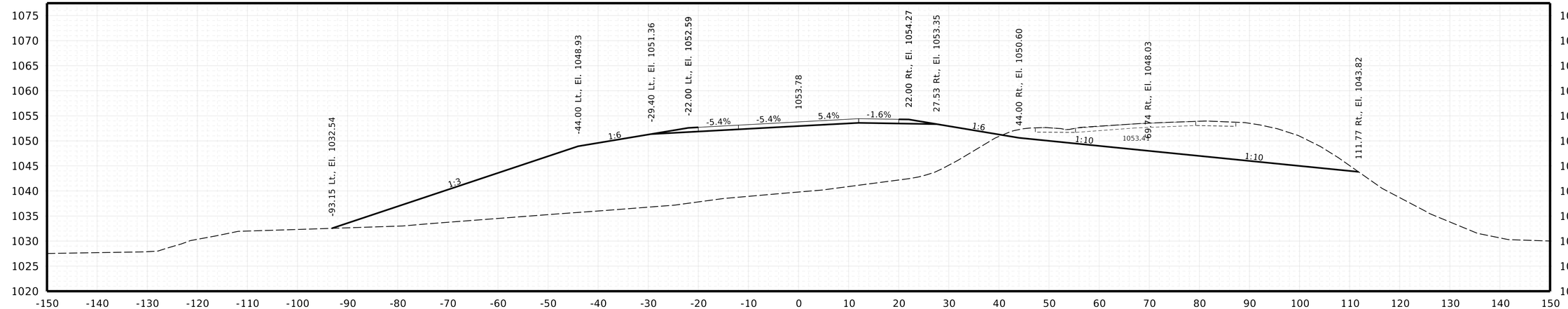
DECATUR BRIDGE



STA.2158+50



STA.2158+00



STA.2157+50

HWY. IA-175
CROSS SECTIONS

NEBRASKA
Good Life. Great Journey.
DEPARTMENT OF TRANSPORTATION

Roadway Design Division
1500 Nebraska Parkway
Lincoln, NE 68502
Office: 402-479-4601

* NOT FINAL *
PRELIMINARY PLAN
SUBJECT TO CHANGE

COMPUTER: B800570
DATE: 12-AUG-2025 13:57
FILE: 32395 Sheets X Sections.dgn

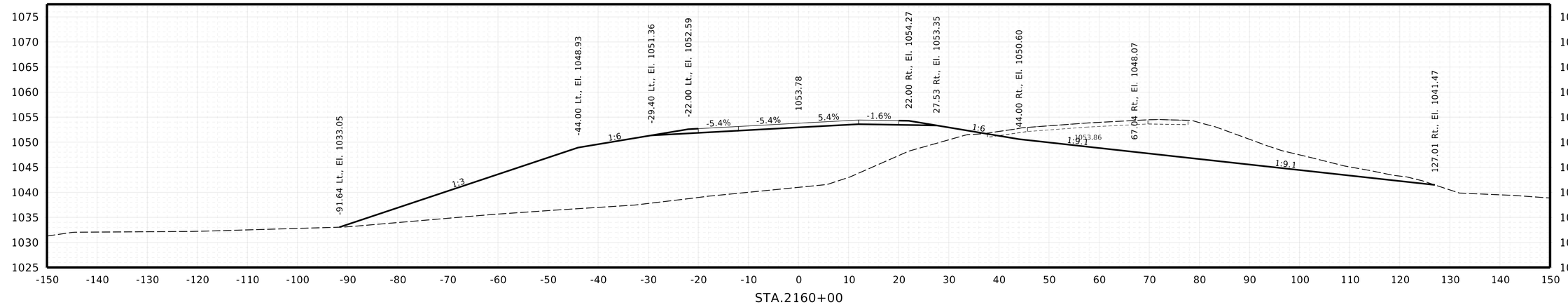
BURNS & MCDONNELL
ENGINEERING COMPANY, INC.
1010 N. 102nd Street, Suite 200
Omaha, NE 68114
Office: 402-408-3013
Nebraska C.O.A. #CA-0621

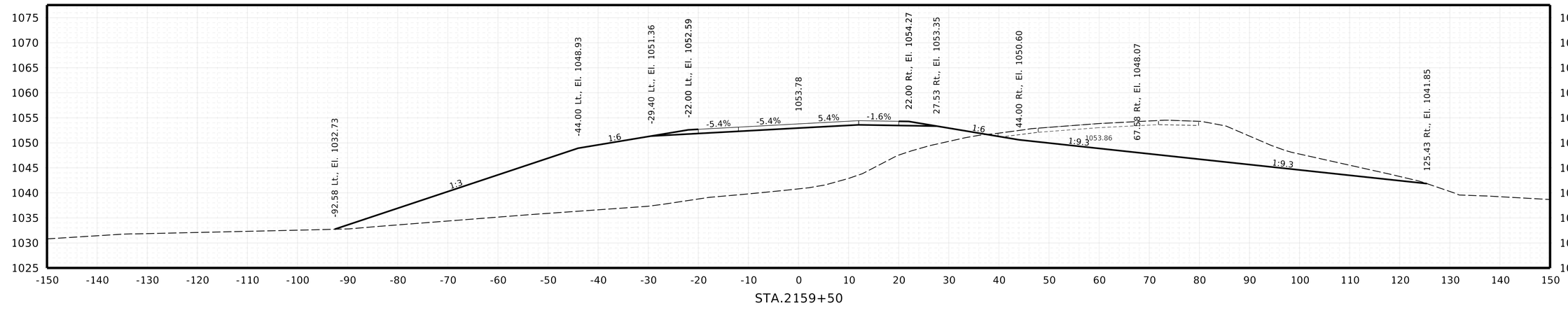
X29

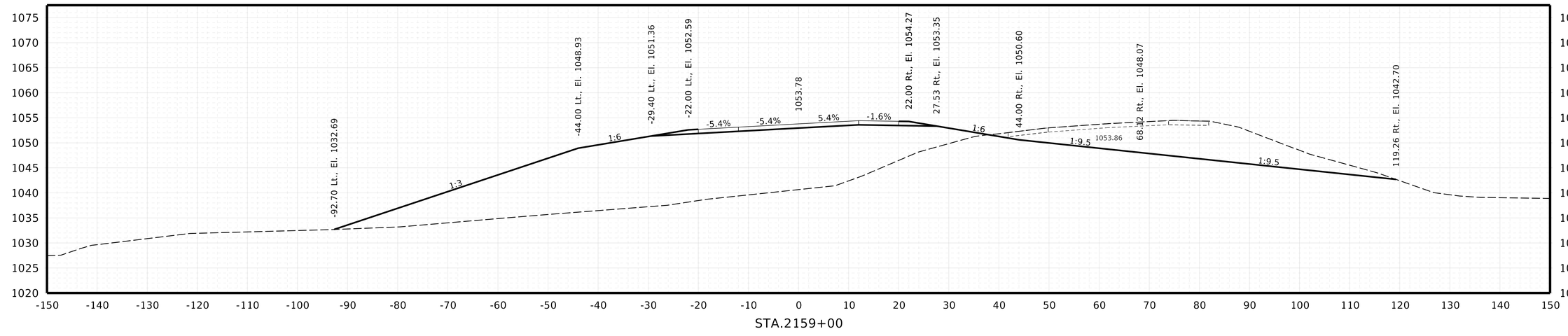
Project Number
51-7(109)

C.N. 32395

DECATUR BRIDGE







HWY. IA-175
CROSS SECTIONS

NEBRASKA
Good Life. Great Journey.
DEPARTMENT OF TRANSPORTATION

Roadway Design Division
1500 Nebraska Parkway
Lincoln, NE 68502
Office: 402-479-4601

NOT FINAL
PRELIMINARY PLAN
SUBJECT TO CHANGE

COMPUTER: B800570
DATE: 12-AUG-2025 13:57
FILE: 32395 Sheets X Sections.dgn

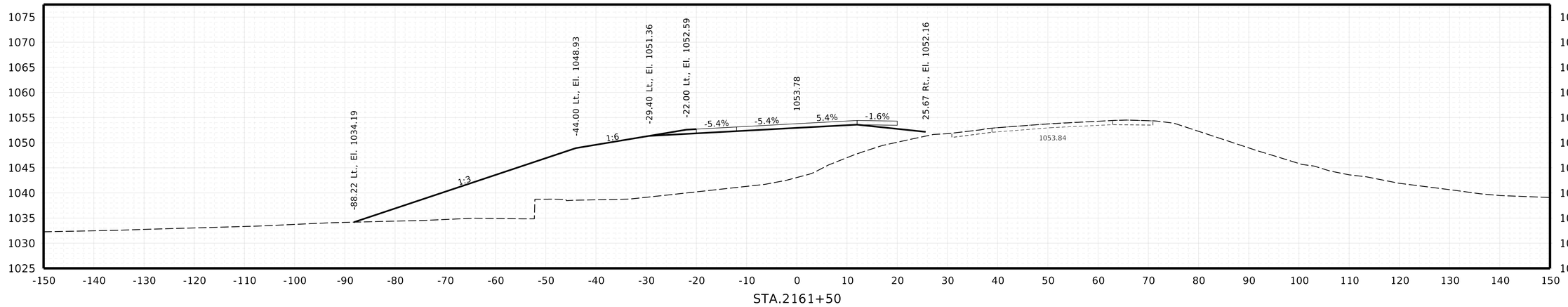
BURNS & MCDONNELL
ENGINEERING COMPANY, INC.
1010 N. 102nd Street, Suite 200
Omaha, NE 68114
Office: 402-408-3013
Nebraska C.O.A. #CA-0621

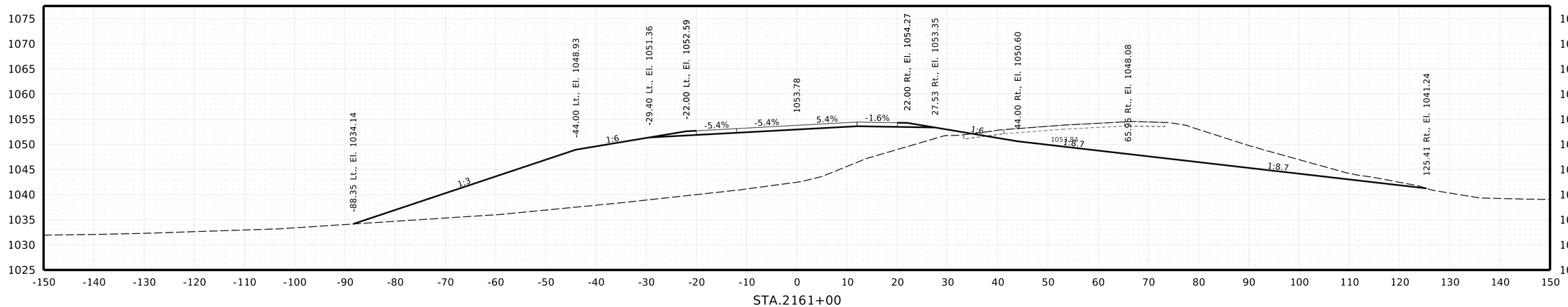
X30

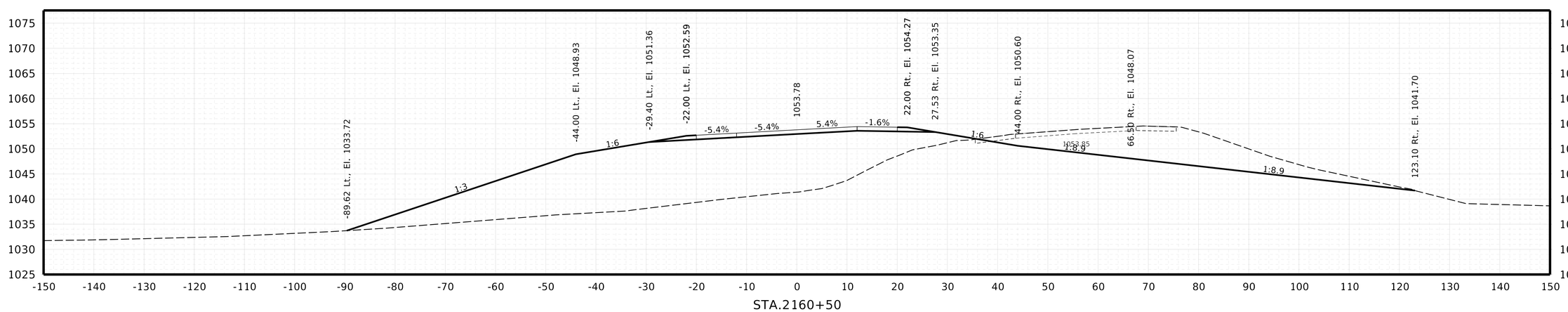
Project Number
51-7(109)

C.N. 32395

DECATUR BRIDGE







HWY. IA-175
CROSS SECTIONS

NEBRASKA
Good Life. Great Journey.
DEPARTMENT OF TRANSPORTATION

Roadway Design Division
1500 Nebraska Parkway
Lincoln, NE 68502
Office: 402-479-4601

* NOT FINAL *
PRELIMINARY PLAN
SUBJECT TO CHANGE

COMPUTER: B800570
DATE: 12-AUG-2025 13:57
FILE: 32395 Sheets X Sections.dgn

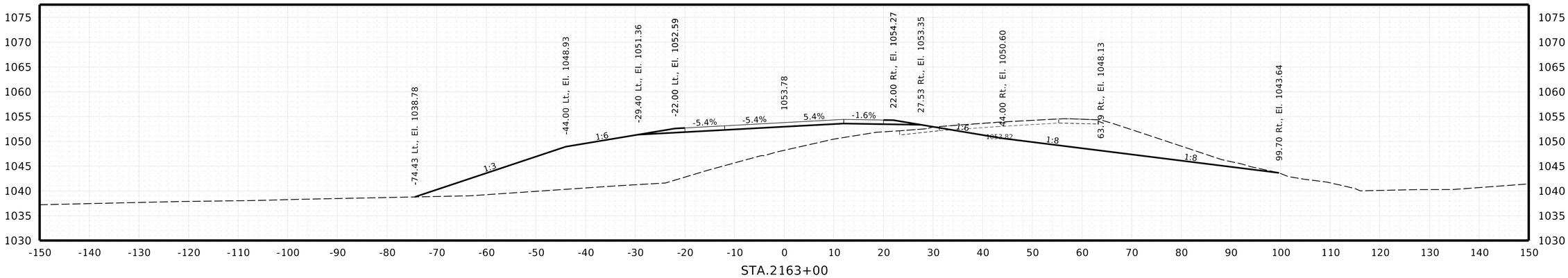
BURNS & MCDONNELL
ENGINEERING COMPANY, INC.
1010 N. 102nd Street, Suite 200
Omaha, NE 68114
Office: 402-408-3013
Nebraska C.O.A. #CA-0621

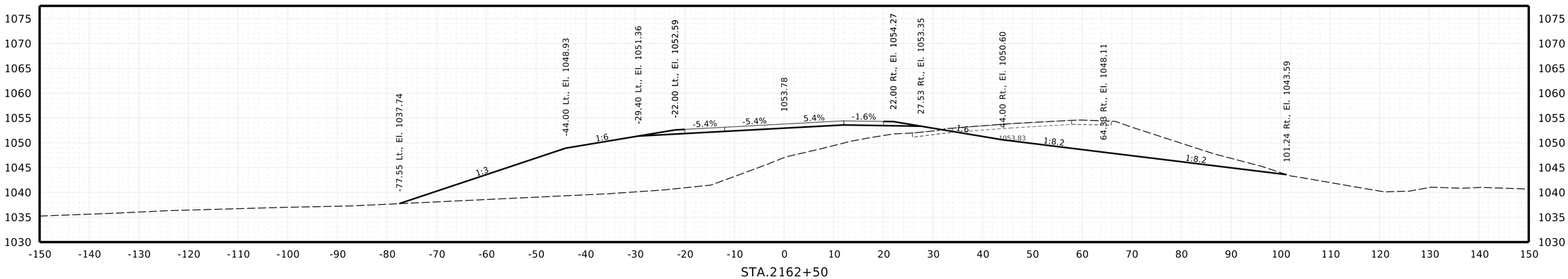
X31

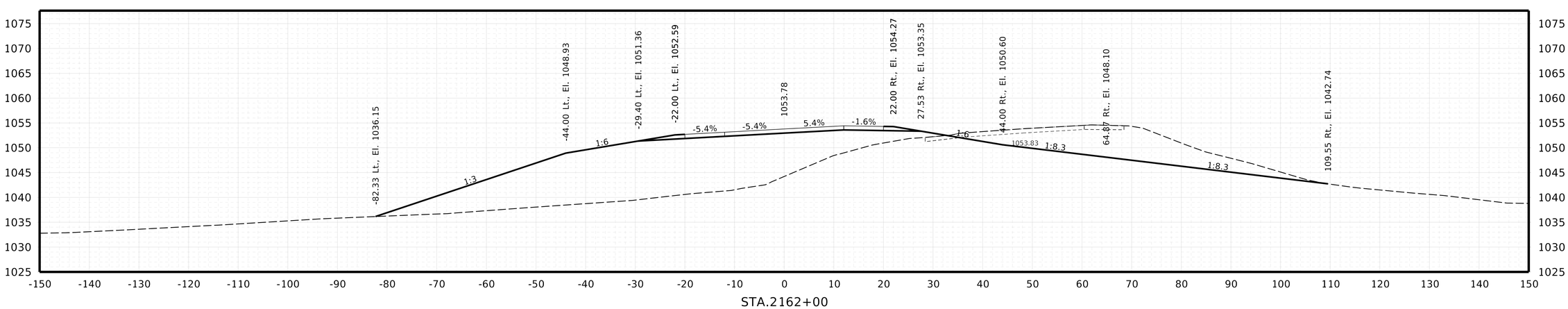
Project Number
51-7(109)

C.N. 32395

DECATUR BRIDGE







HWY. IA-175
CROSS SECTIONS

NEBRASKA
Good Life. Great Journey.
DEPARTMENT OF TRANSPORTATION

Roadway Design Division
1500 Nebraska Parkway
Lincoln, NE 68502
Office: 402-479-4601

* NOT FINAL *
PRELIMINARY PLAN
SUBJECT TO CHANGE

COMPUTER: B800570
DATE: 12-AUG-2025 13:57
FILE: 32395 Sheets X Sections.dgn

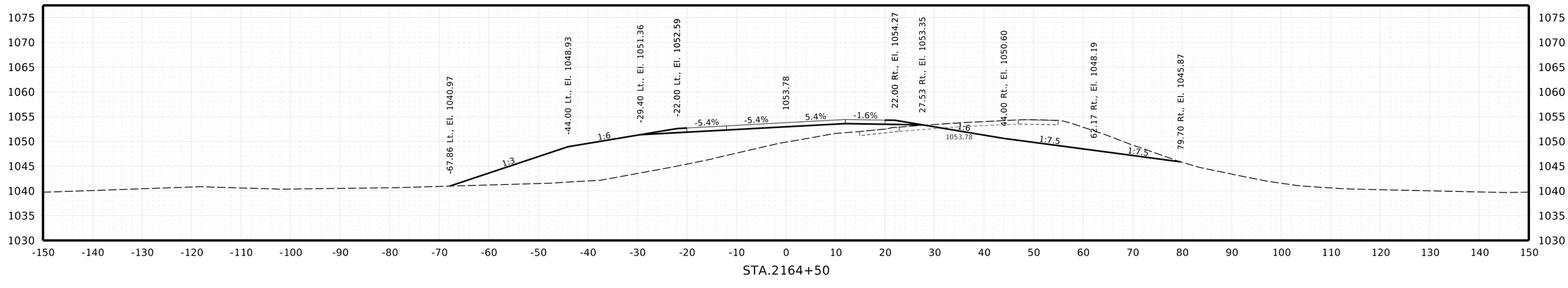
BURNS & MCDONNELL
ENGINEERING COMPANY, INC.
1010 N. 102nd Street, Suite 200
Omaha, NE 68114
Office: 402-408-3013
Nebraska C.O.A. #CA-0621

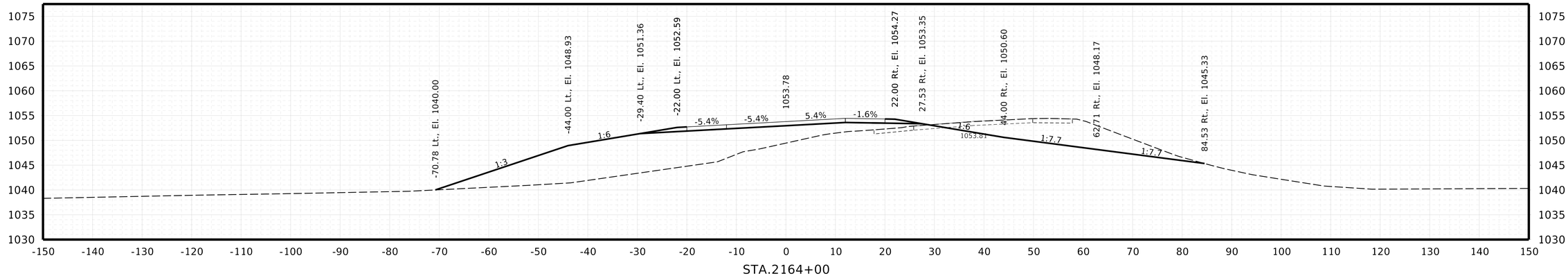
X32

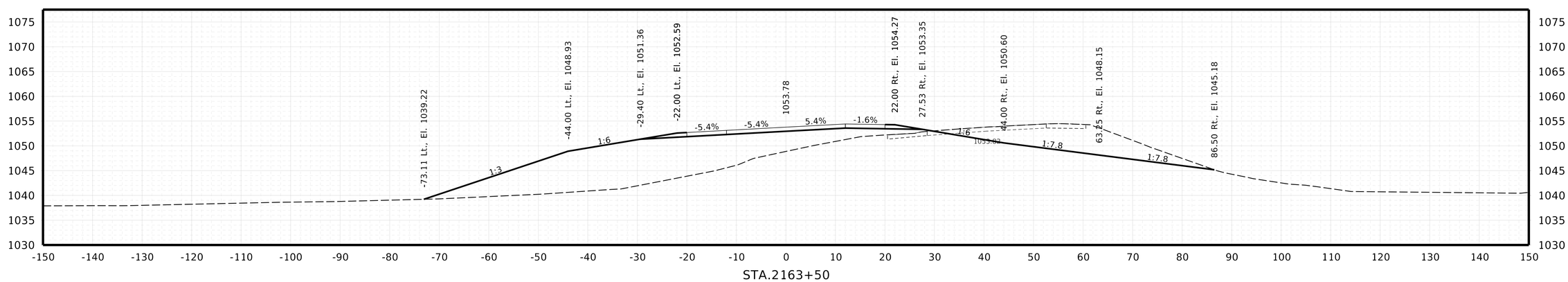
Project Number
51-7(109)

C.N. 32395

DECATUR BRIDGE







HWY. IA-175
CROSS SECTIONS

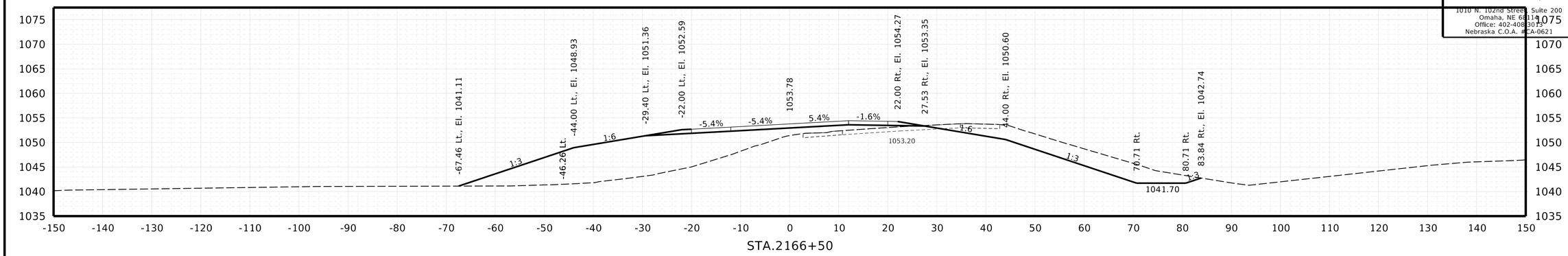
NEBRASKA
Good Life. Great Journey.
DEPARTMENT OF TRANSPORTATION

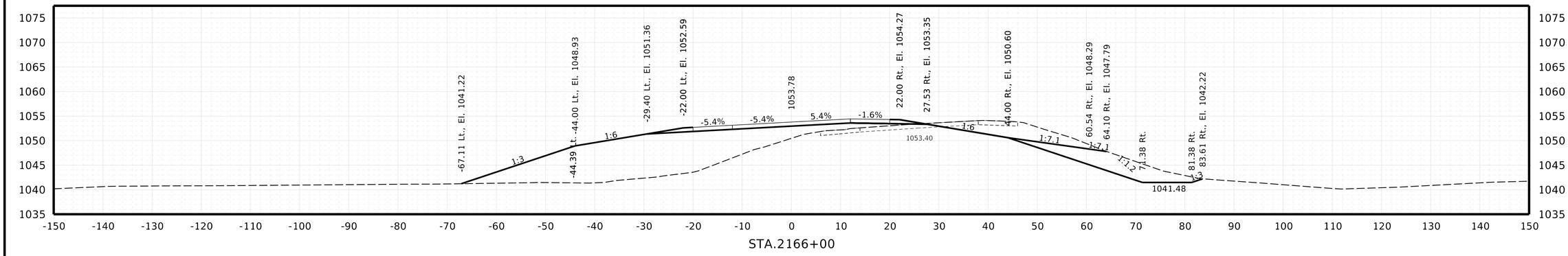
Roadway Design Division
1500 Nebraska Parkway
Lincoln, NE 68502
Office: 402-479-4601

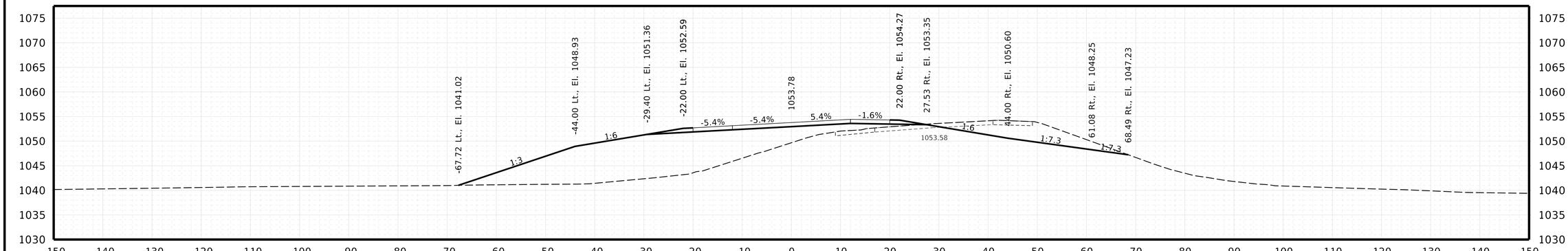
NOT FINAL
PRELIMINARY PLAN
SUBJECT TO CHANGE

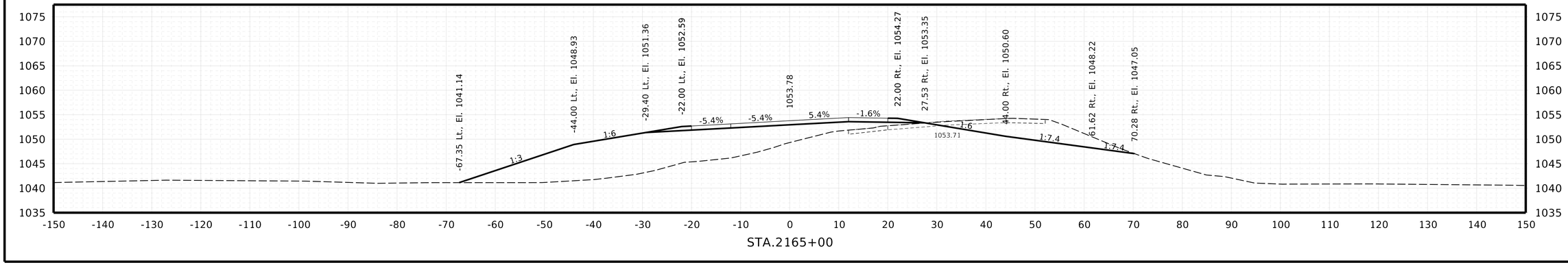
COMPUTER: B800570
DATE: 12-AUG-2025 13:57
FILE: 32395 Sheets X Sections.dgn

BURNS & MCDONNELL
ENGINEERING COMPANY, INC.
1010 N. 102nd Street, Suite 200
Omaha, NE 68114
Office: 402-408-3013
Nebraska C.O.A. #CA-0621









X33

Project Number
51-7(109)

C.N. 32395

DECATUR BRIDGE

HWY. IA-175
CROSS SECTIONS

NEBRASKA
Good Life. Great Journey.
DEPARTMENT OF TRANSPORTATION

Roadway Design Division
1500 Nebraska Parkway
Lincoln, NE 68502
Office: 402-479-4601

NOT FINAL
PRELIMINARY PLAN
SUBJECT TO CHANGE

COMPUTER: B800570
DATE: 12-AUG-2025 13:57
FILE: 32395 Sheets X Sections.dgn

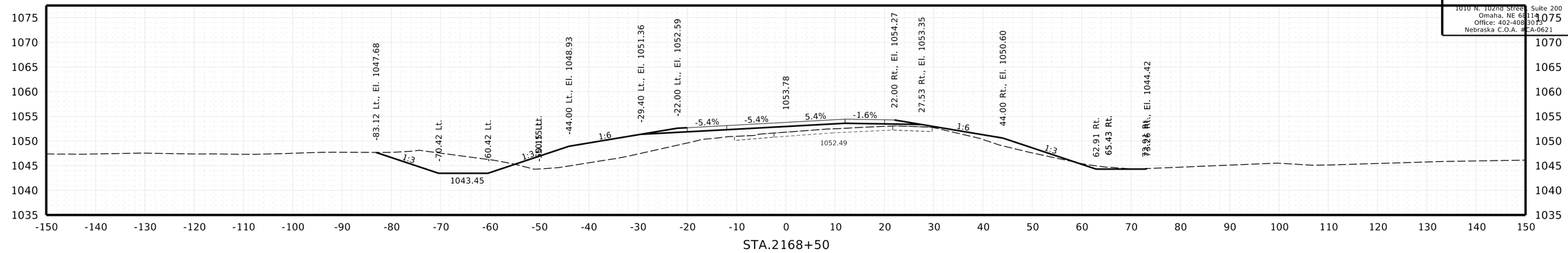
BURNS & MCDONNELL
ENGINEERING COMPANY, INC.
1010 N. 102nd Street, Suite 200
Omaha, NE 68114
Office: 402-408-3013
Nebraska C.O.A. #CA-0621

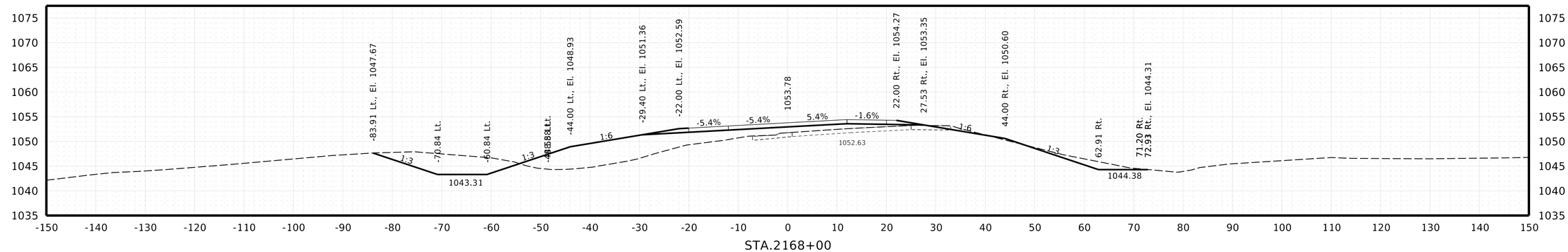
X34

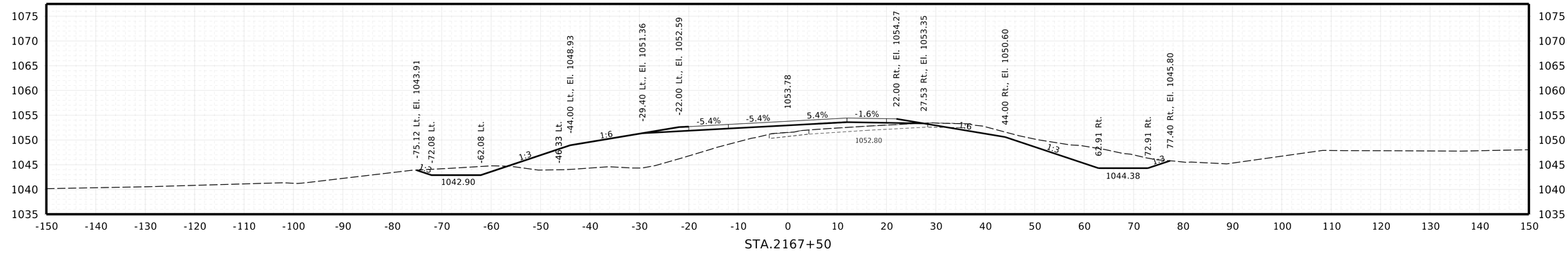
Project Number
51-7(109)

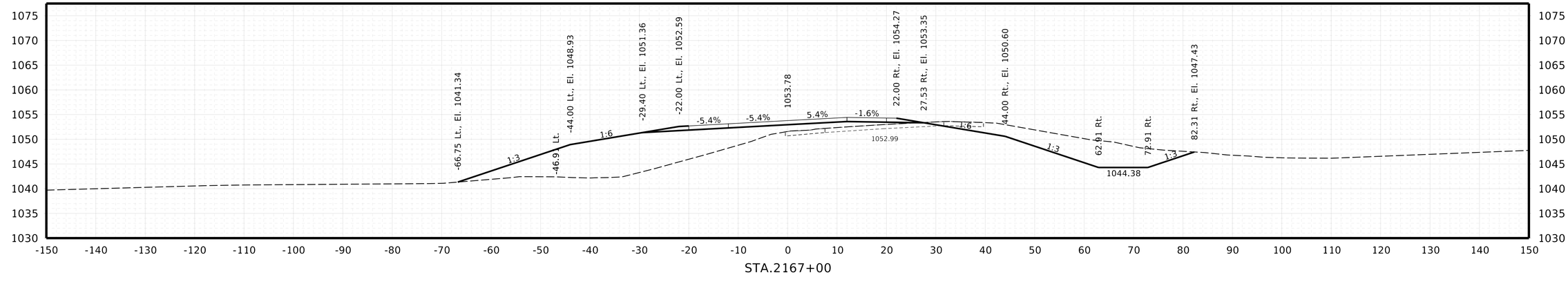
C.N. 32395

DECATUR BRIDGE









HWY. IA-175
CROSS SECTIONS

NEBRASKA
Good Life. Great Journey.
DEPARTMENT OF TRANSPORTATION

Roadway Design Division
1500 Nebraska Parkway
Lincoln, NE 68502
Office: 402-479-4601

NOT FINAL
PRELIMINARY PLAN
SUBJECT TO CHANGE

COMPUTER: BB00570
DATE: 12-AUG-2025 13:57
FILE: 32395 Sheets X Sections.dgn

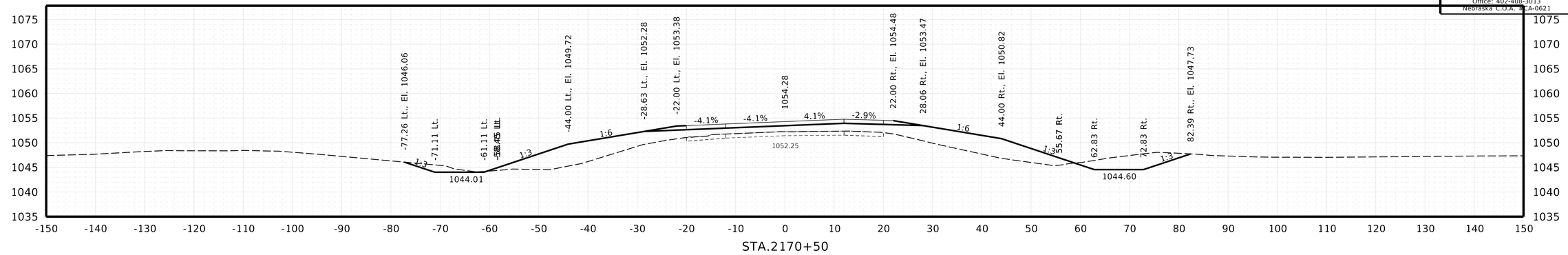
BURNS & MCDONNELL
ENGINEERING COMPANY, INC.
1010 N. 102nd Street, Suite 200
Omaha, NE 68114
Office: 402-408-3013
Nebraska C.O.A. #CA-0621

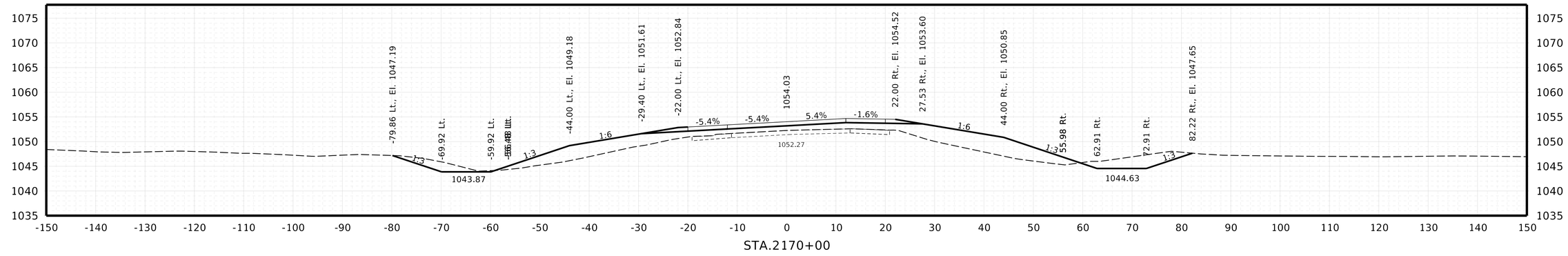
X35

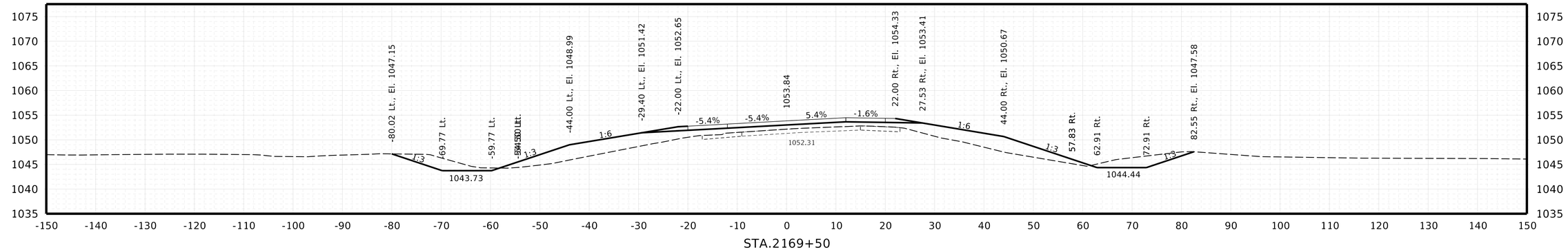
Project Number
51-7(109)

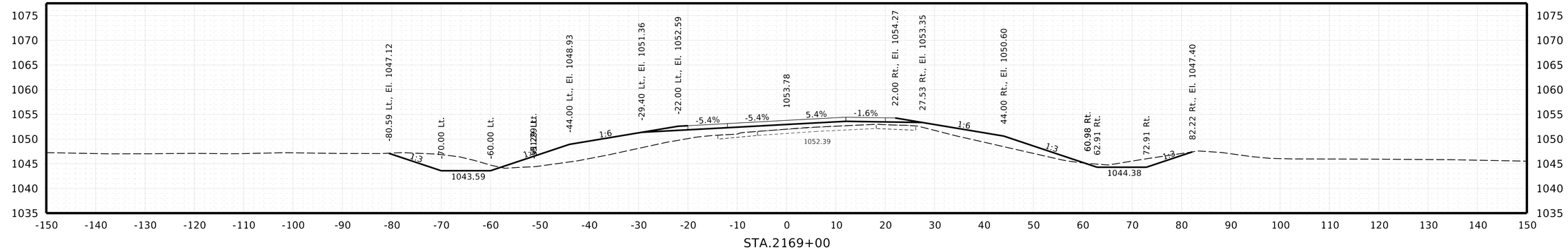
C.N. 32395

DECATUR BRIDGE









HWY. IA-175
CROSS SECTIONS

NEBRASKA
Good Life. Great Journey.
DEPARTMENT OF TRANSPORTATION

Roadway Design Division
1500 Nebraska Parkway
Lincoln, NE 68502
Office: 402-479-4601

★ NOT FINAL ★
PRELIMINARY PLAN
SUBJECT TO CHANGE

COMPUTER: B800570
DATE: 12-AUG-2025 13:57
FILE: 32395 Sheets X Sections.dgn

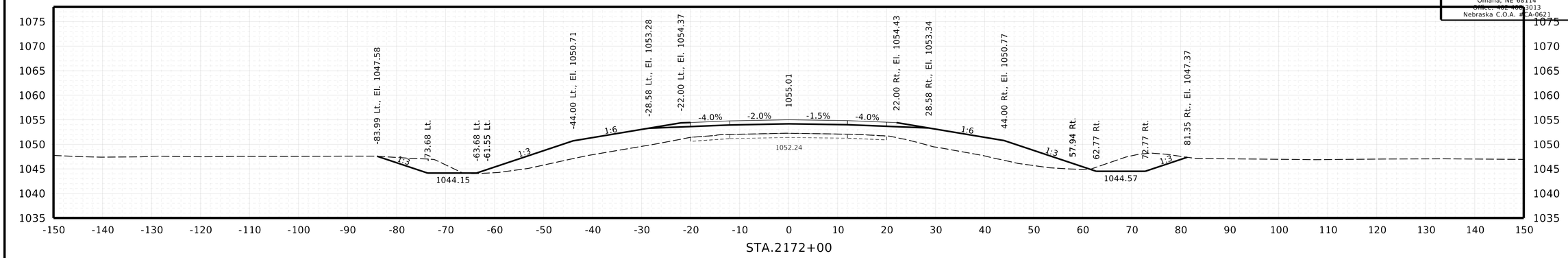
BURNS & MCDONNELL
ENGINEERING COMPANY, INC.
1010 N. 102nd Street, Suite 200
Omaha, NE 68114
Office: 402.498.3013
Nebraska C.O.A. #CA-0621

X36

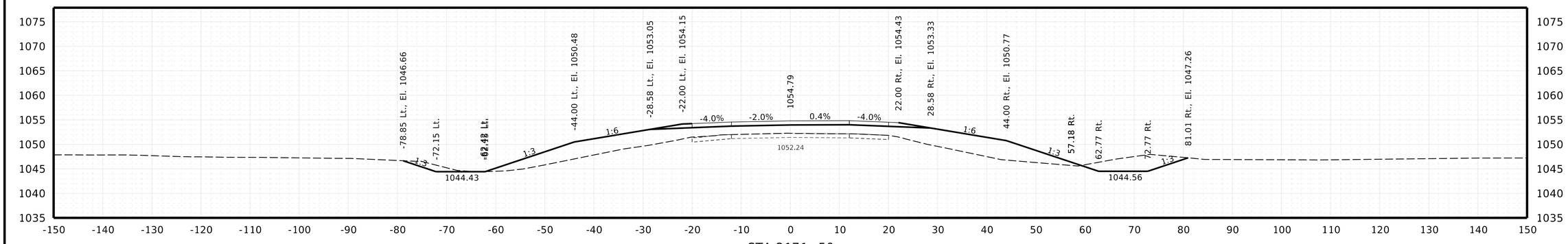
Project Number
51-7(109)

C.N. 32395

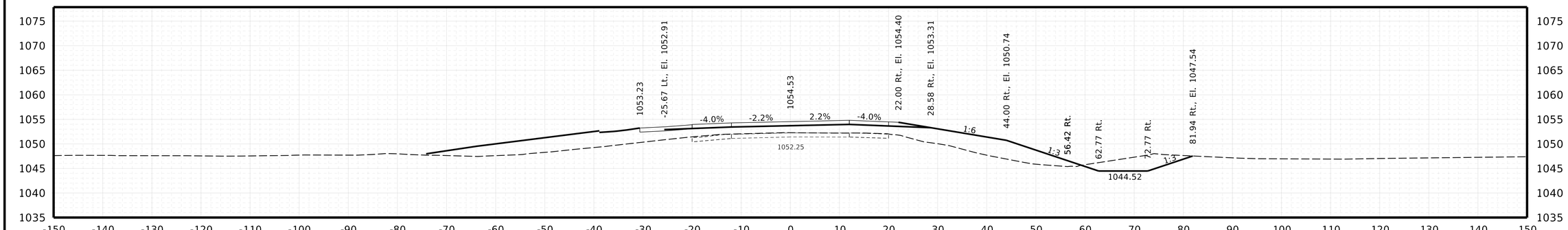
DECATUR BRIDGE



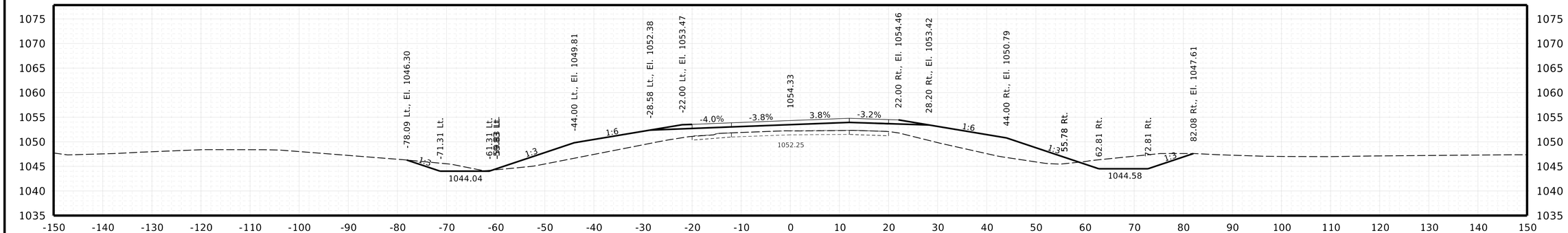
STA.2172+00



STA.2171+50



STA.2171+00



STA.2170+58

HWY. IA-175
CROSS SECTIONS

NEBRASKA
Good Life. Great Journey.
DEPARTMENT OF TRANSPORTATION

Roadway Design Division
1500 Nebraska Parkway
Lincoln, NE 68502
Office: 402-479-4601

NOT FINAL
PRELIMINARY PLAN
SUBJECT TO CHANGE

COMPUTER: B800570
DATE: 12-AUG-2025 13:58
FILE: 32395 Sheets X Sections.dgn

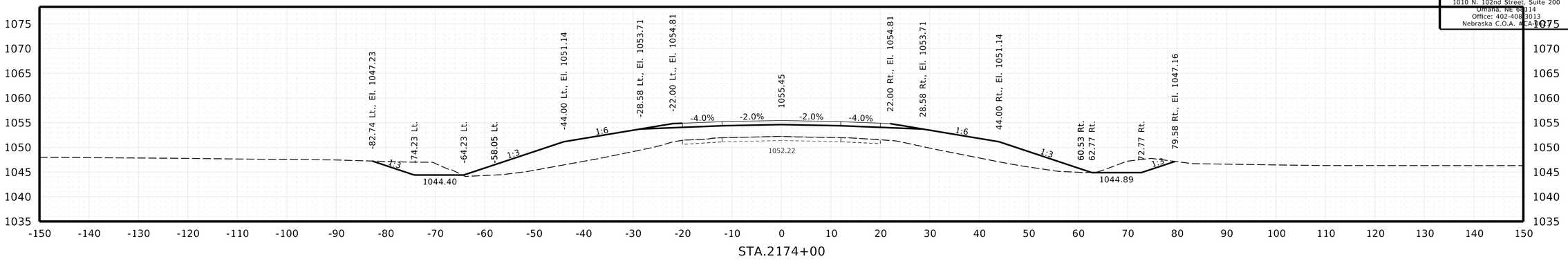
BURNS & MCDONNELL
ENGINEERING COMPANY, INC.
1010 N. 102nd Street, Suite 200
Omaha, NE 68114
Office: 402-408-3013
Nebraska C.O.A. #CA-1071

X37

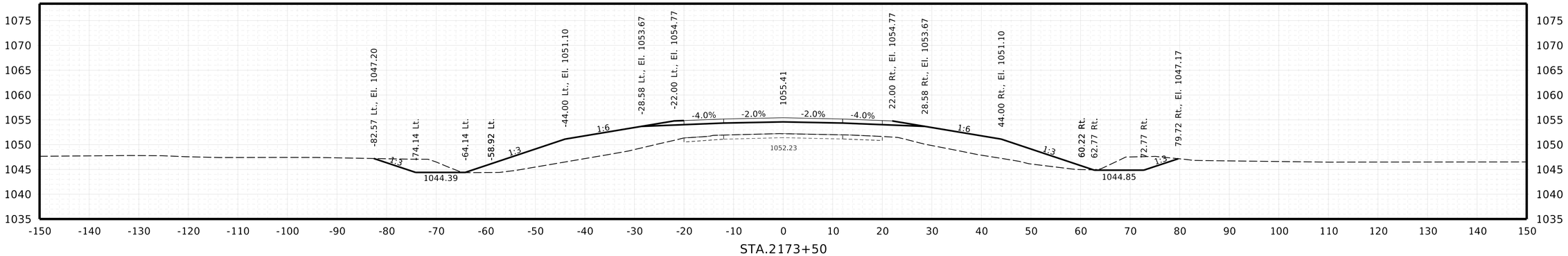
Project Number
51-7(109)

C.N. 32395

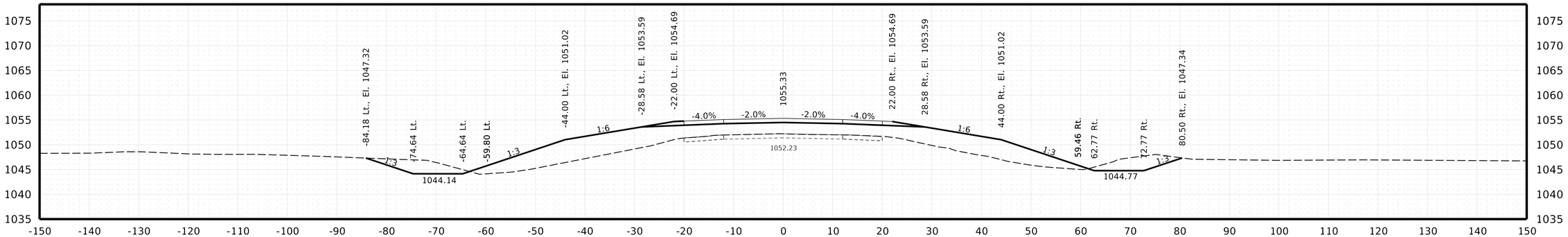
DECATUR BRIDGE



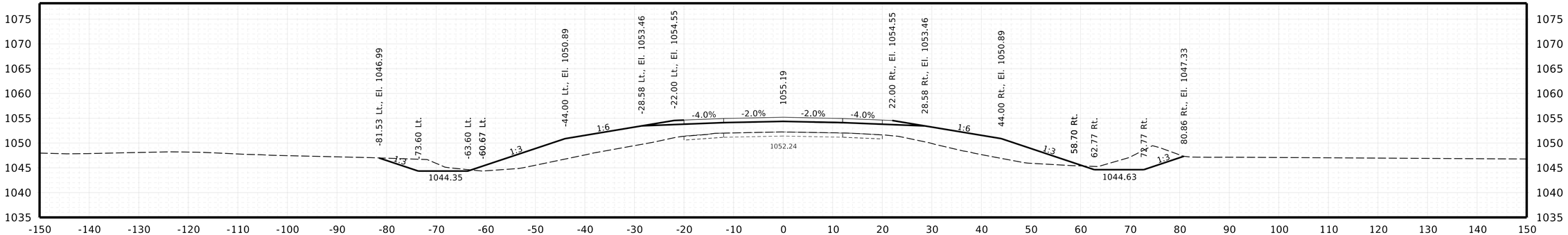
STA.2174+00



STA.2173+50



STA.2173+00



STA.2172+50

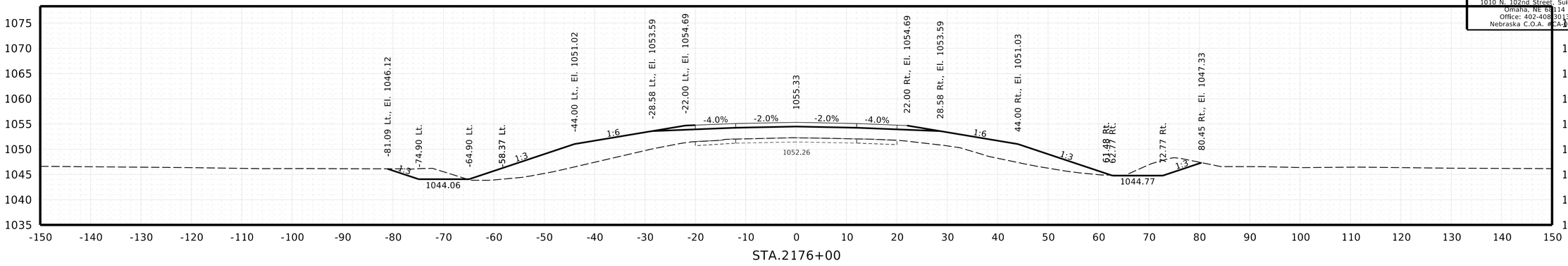
HWY. IA-175
CROSS SECTIONS

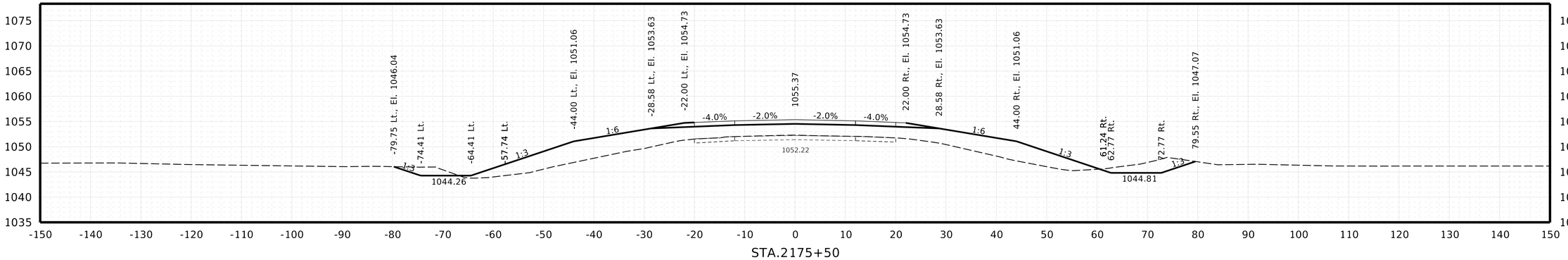
NEBRASKA
Good Life. Great Journey.
DEPARTMENT OF TRANSPORTATION

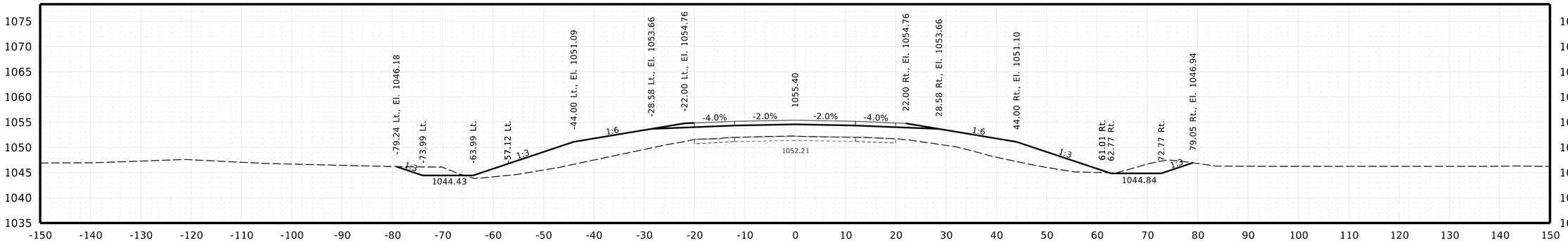
Roadway Design Division
1500 Nebraska Parkway
Lincoln, NE 68502
Office: 402-479-4601

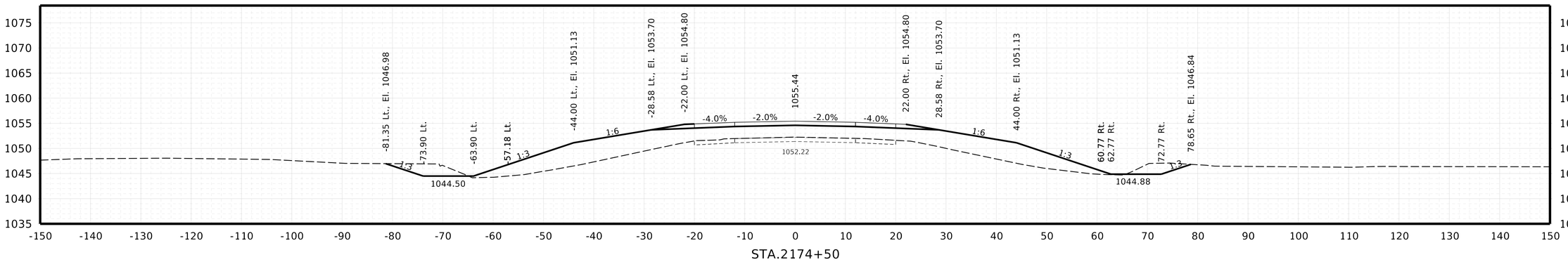
* NOT FINAL *
PRELIMINARY PLAN
SUBJECT TO CHANGE

COMPUTER: B800570
DATE: 12-AUG-2025 13:58
FILE: 32395 Sheets X Sections.dgn









BURNS & MCDONNELL
ENGINEERING COMPANY, INC.
1010 N. 102nd Street, Suite 200
Omaha, NE 68114
Office: 402-408-3013
Nebraska C.O.A. #CA-1570

X38

Project Number
51-7(109)

C.N. 32395

DECATUR BRIDGE

HWY. IA-175
CROSS SECTIONS

NEBRASKA
Good Life. Great Journey.
DEPARTMENT OF TRANSPORTATION

Roadway Design Division
1500 Nebraska Parkway
Lincoln, NE 68502
Office: 402-479-4601

★ NOT FINAL ★
PRELIMINARY PLAN
SUBJECT TO CHANGE

COMPUTER: B800570
DATE: 12-AUG-2025 13:58
FILE: 32395 Sheets X Sections.dgn

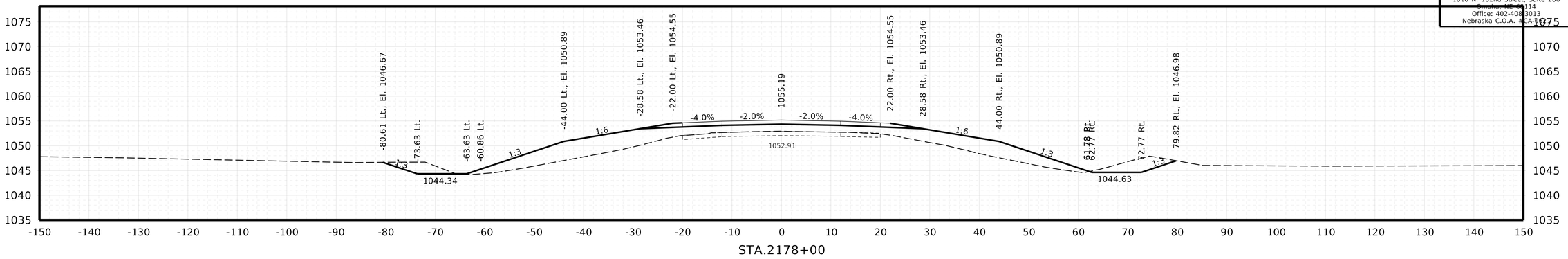
BURNS & MCDONNELL
ENGINEERING COMPANY, INC.
1010 N. 102nd Street, Suite 200
Omaha, NE 68114
Office: 402-408-3013
Nebraska C.O.A. #CA-1077

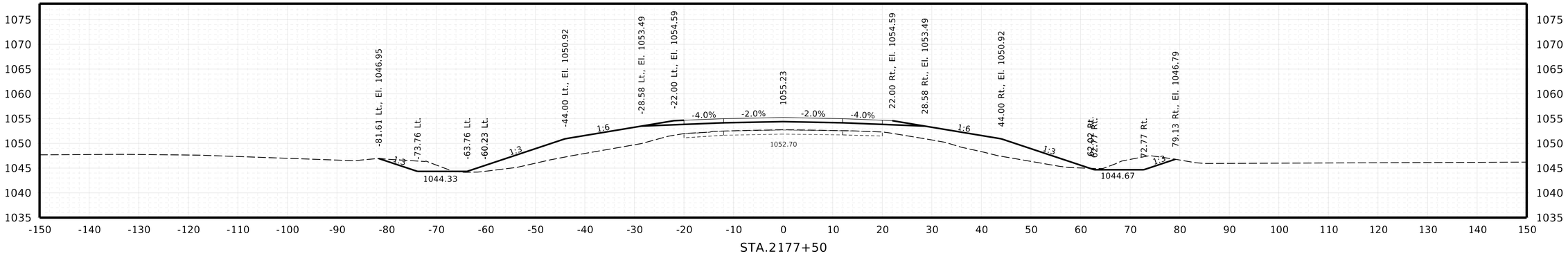
X39

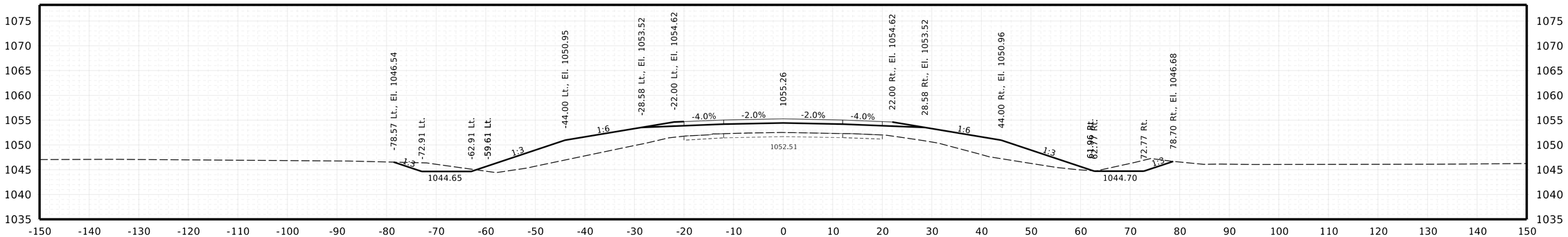
Project Number
51-7(109)

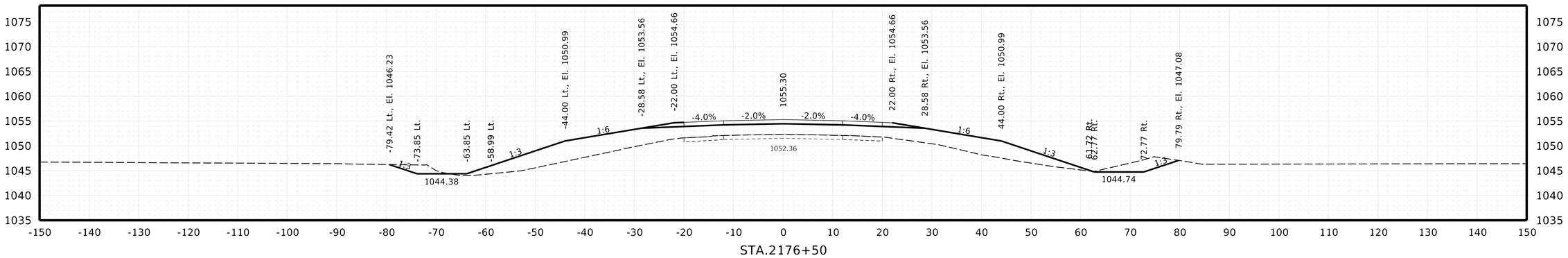
C.N. 32395

DECATUR BRIDGE









HWY. IA-175
CROSS SECTIONS

NEBRASKA
Good Life. Great Journey.
DEPARTMENT OF TRANSPORTATION

Roadway Design Division
1500 Nebraska Parkway
Lincoln, NE 68502
Office: 402-479-4601

* NOT FINAL *
PRELIMINARY PLAN
SUBJECT TO CHANGE

COMPUTER: B800570
DATE: 12-AUG-2025 13:58
FILE: 32395 Sheets X Sections.dgn

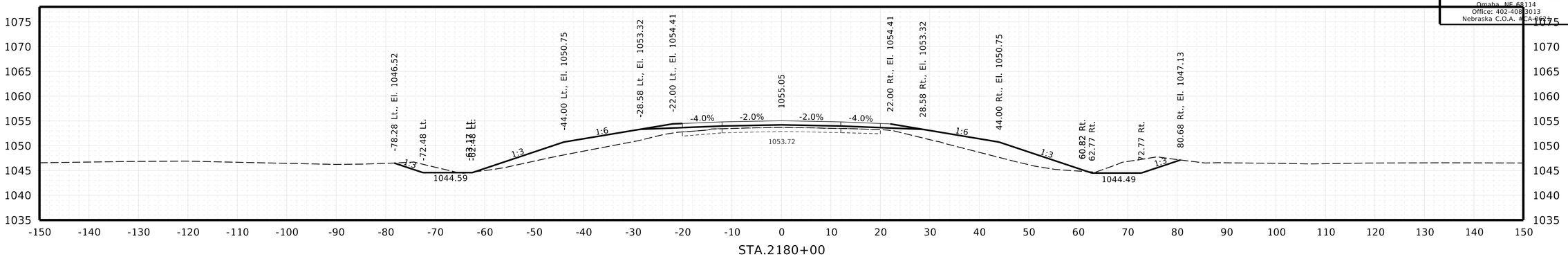
BURNS & MCDONNELL
ENGINEERING COMPANY, INC.
1010 N. 102nd Street, Suite 200
Omaha, NE 68114
Office: 402-408-3013
Nebraska C.O.A. #CA-0007

X40

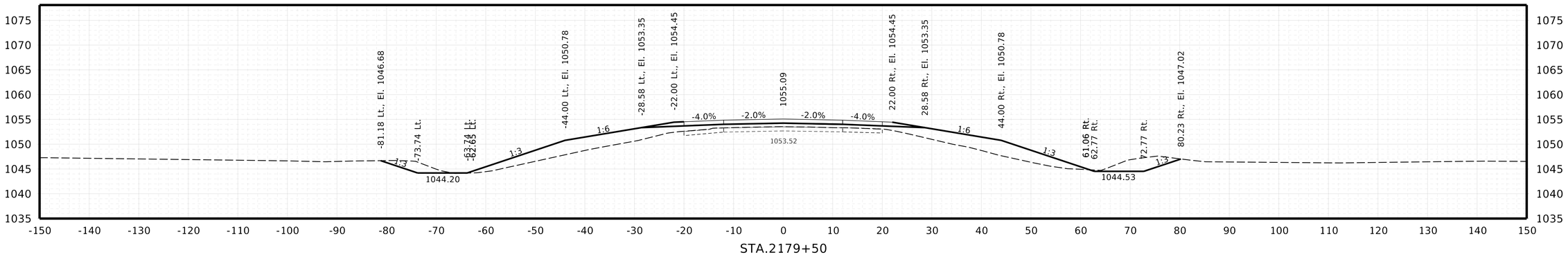
Project Number
51-7(109)

C.N. 32395

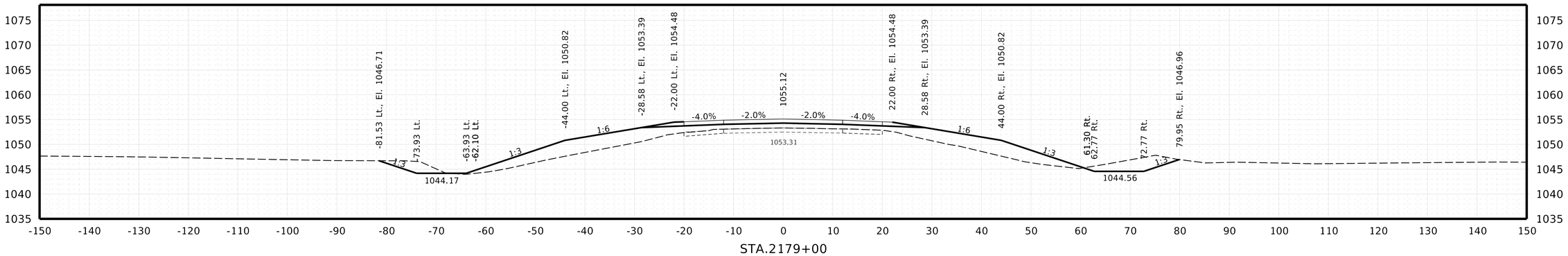
DECATUR BRIDGE



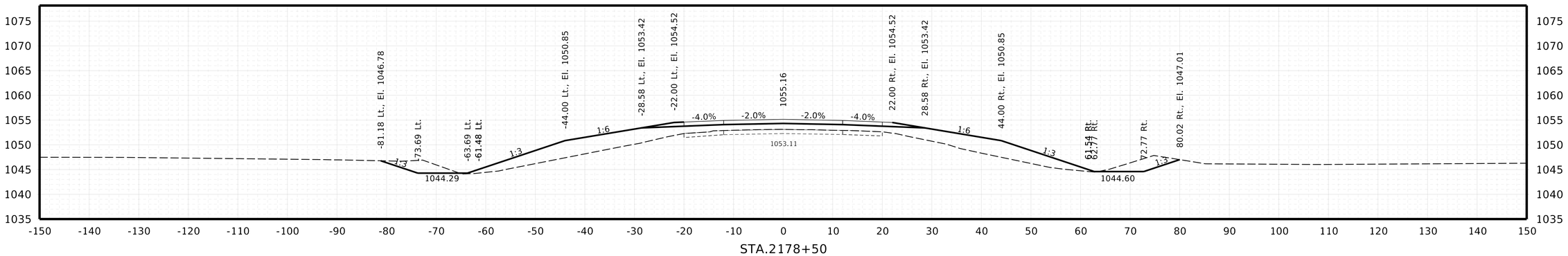
STA.2180+00



STA.2179+50



STA.2179+00



STA.2178+50

HWY. IA-175
CROSS SECTIONS

NEBRASKA
Good Life. Great Journey.
DEPARTMENT OF TRANSPORTATION

Roadway Design Division
1500 Nebraska Parkway
Lincoln, NE 68502
Office: 402-479-4601

* NOT FINAL *
PRELIMINARY PLAN
SUBJECT TO CHANGE

COMPUTER: B800570
DATE: 12-AUG-2025 13:58
FILE: 32395 Sheets X Sections.dgn

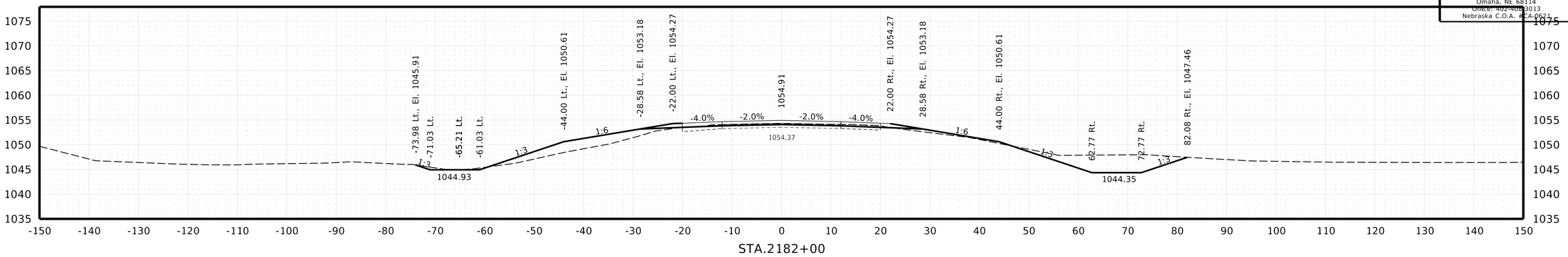
BURNS & MCDONNELL
ENGINEERING COMPANY, INC.
1010 N. 102nd Street, Suite 200
Omaha, NE 68114
Office: 402-408-3013
Nebraska C.O.A. #CA-0621

X41

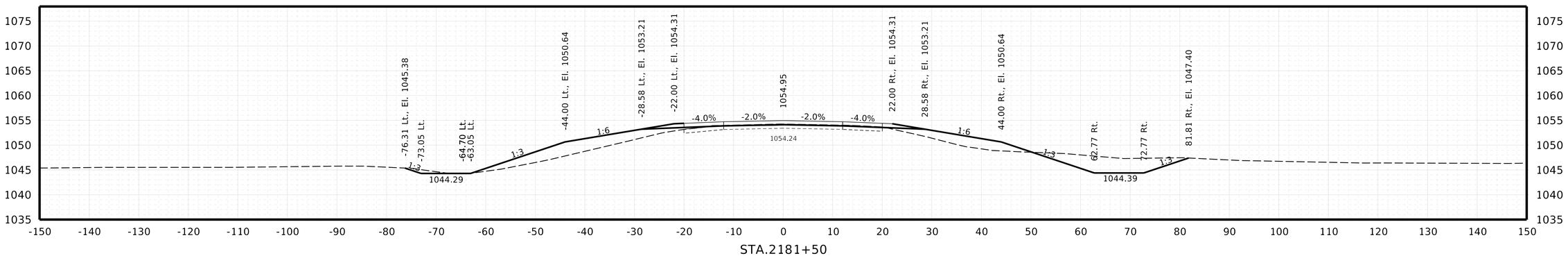
Project Number
51-7(109)

C.N. 32395

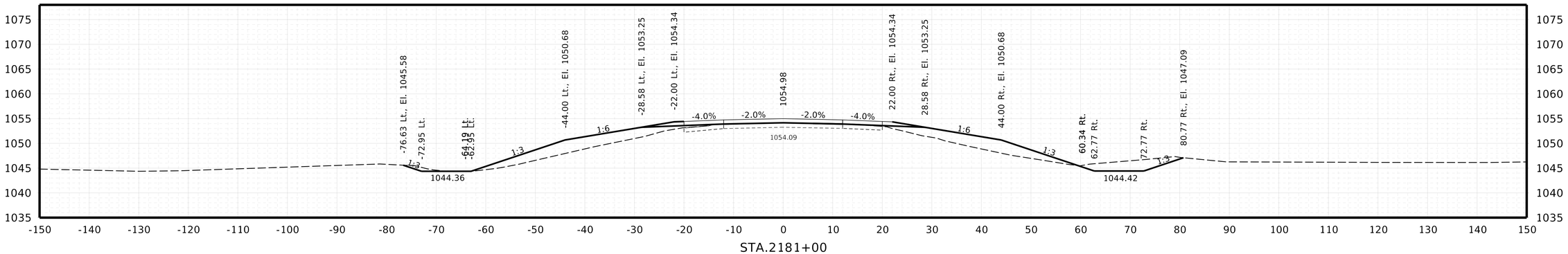
DECATUR BRIDGE



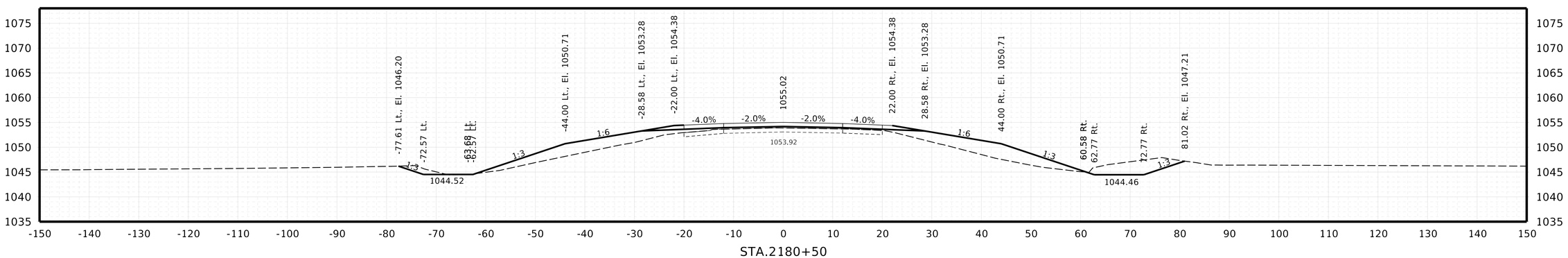
STA.2182+00



STA.2181+50



STA.2181+00



STA.2180+50

HWY. IA-175
CROSS SECTIONS

NEBRASKA
Good Life. Great Journey.
DEPARTMENT OF TRANSPORTATION

Roadway Design Division
1500 Nebraska Parkway
Lincoln, NE 68502
Office: 402-479-4601

* NOT FINAL *
PRELIMINARY PLAN
SUBJECT TO CHANGE

COMPUTER: B800570
DATE: 12-AUG-2025 13:58
FILE: 32395 Sheets X Sections.dgn

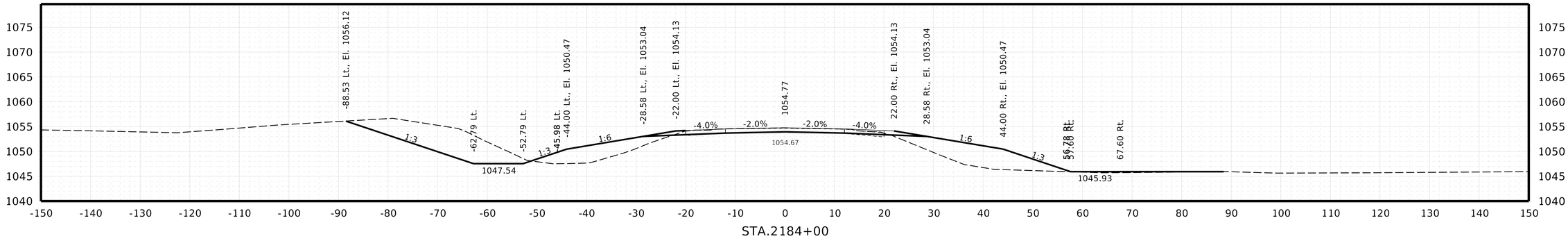
BURNS & MCDONNELL
ENGINEERING COMPANY, INC.
1010 N. 102nd Street, Suite 200
Omaha, NE 68114
Office: 402-408-3013
Nebraska C.O.A. #CA-0621

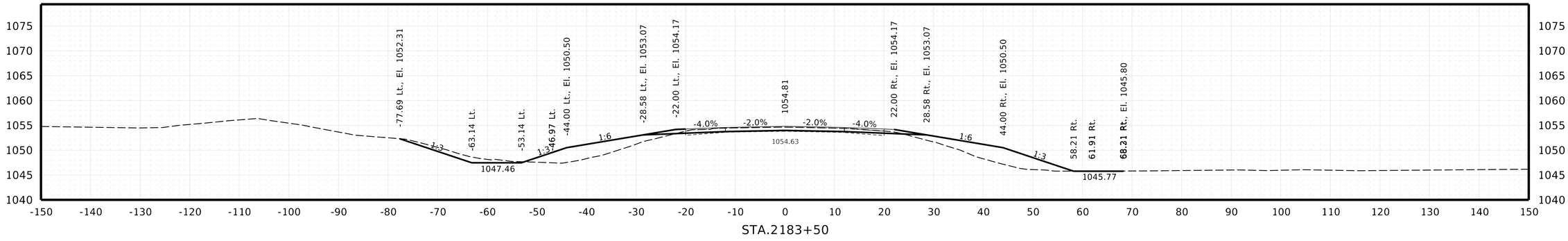
X42

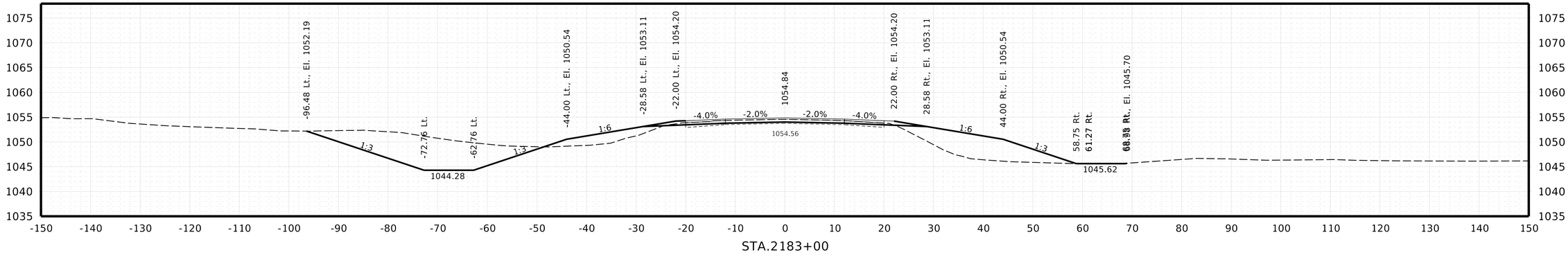
Project Number
51-7(109)

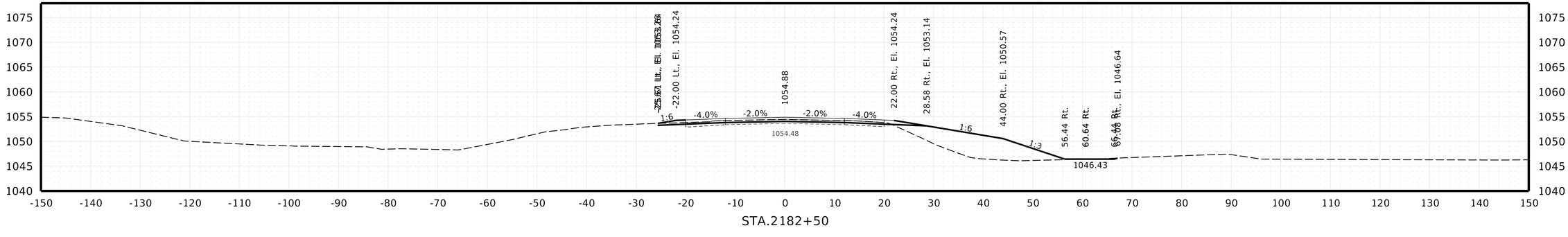
C.N. 32395

DECATUR BRIDGE









HWY. IA-175
CROSS SECTIONS

NEBRASKA
Good Life. Great Journey.
DEPARTMENT OF TRANSPORTATION

Roadway Design Division
1500 Nebraska Parkway
Lincoln, NE 68502
Office: 402-479-4601

★ NOT FINAL ★
PRELIMINARY PLAN
SUBJECT TO CHANGE

COMPUTER: B800570
DATE: 12-AUG-2025 13:58
FILE: 32395 Sheets X Sections.dgn

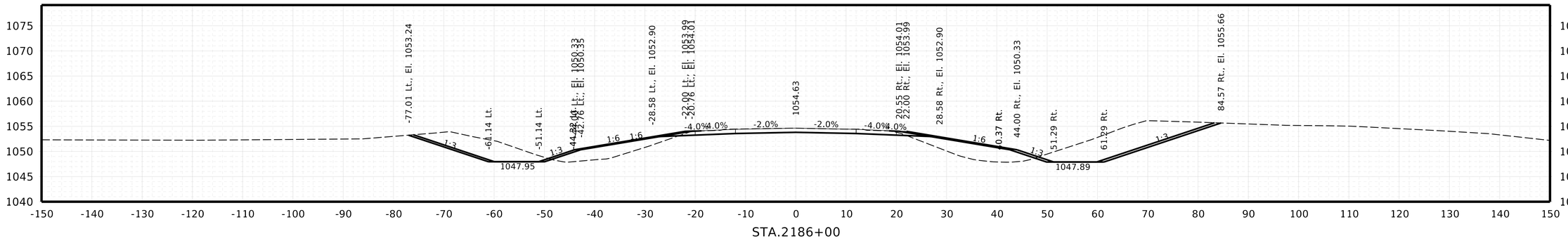
BURNS & MCDONNELL
ENGINEERING COMPANY, INC.
1010 N. 102nd Street, Suite 200
Omaha, NE 68114
Office: 402-408-3013
Nebraska C.O.A. #CA-0621

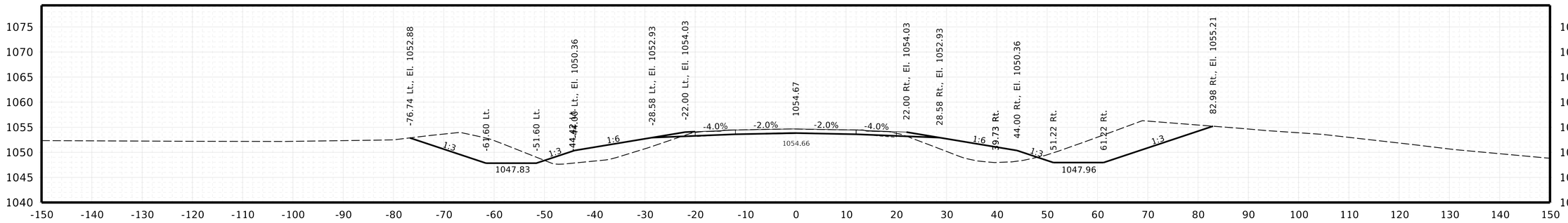
X43

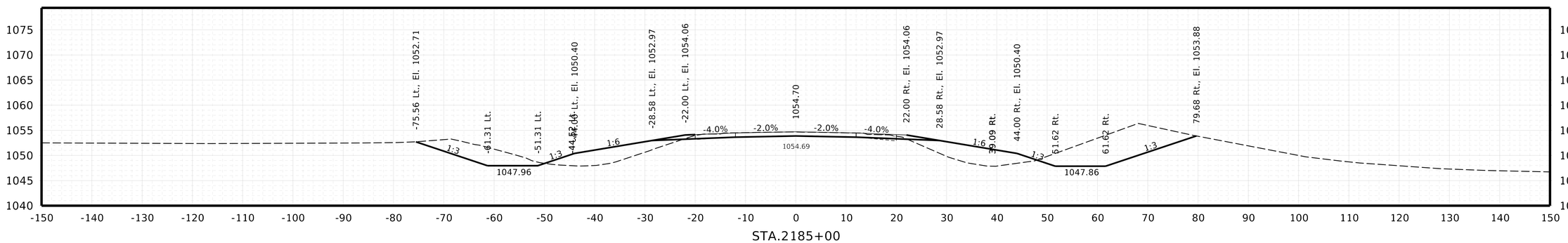
Project Number
51-7(109)

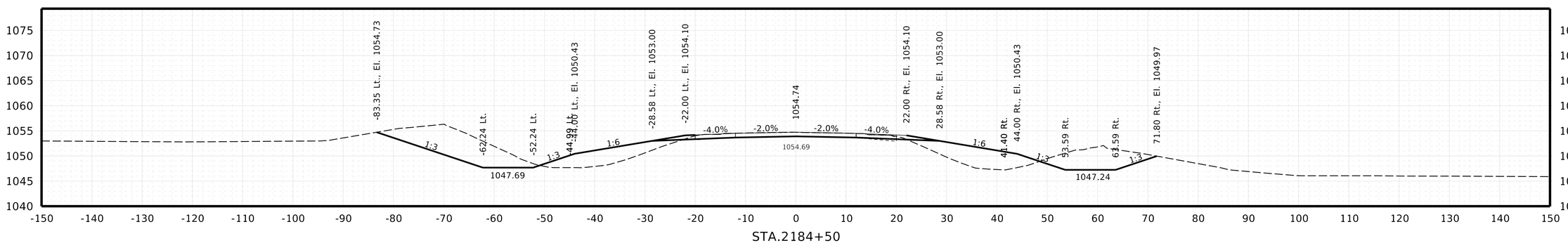
C.N. 32395

DECATUR BRIDGE









HWY. IA-175
CROSS SECTIONS

NEBRASKA
Good Life. Great Journey.
DEPARTMENT OF TRANSPORTATION

Roadway Design Division
1500 Nebraska Parkway
Lincoln, NE 68502
Office: 402-479-4601

NOT FINAL
PRELIMINARY PLAN
SUBJECT TO CHANGE

COMPUTER: B800570
DATE: 12-AUG-2025 13:58
FILE: 32395 Sheets X Sections.dgn

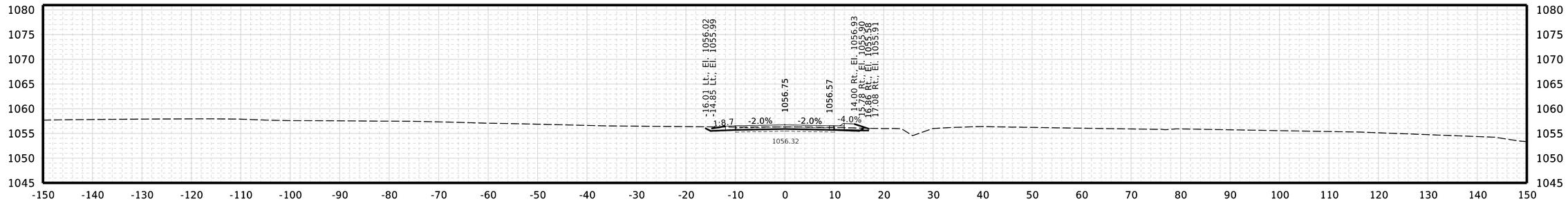
BURNS & MCDONNELL
ENGINEERING COMPANY, INC.
1010 N. 102nd Street, Suite 200
Omaha, NE 68114
Office: 402-408-3013
Nebraska C.O.A. #CA-0621

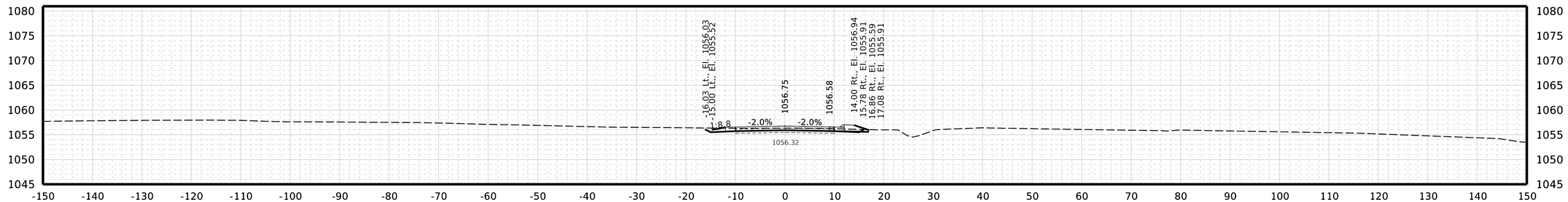
X44

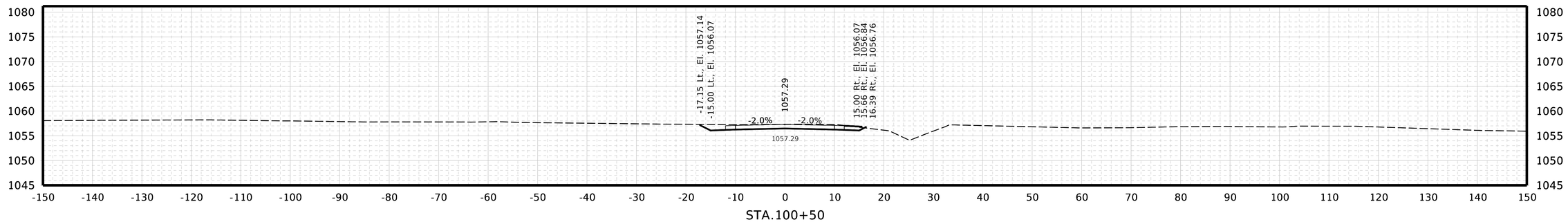
Project Number
51-7(109)

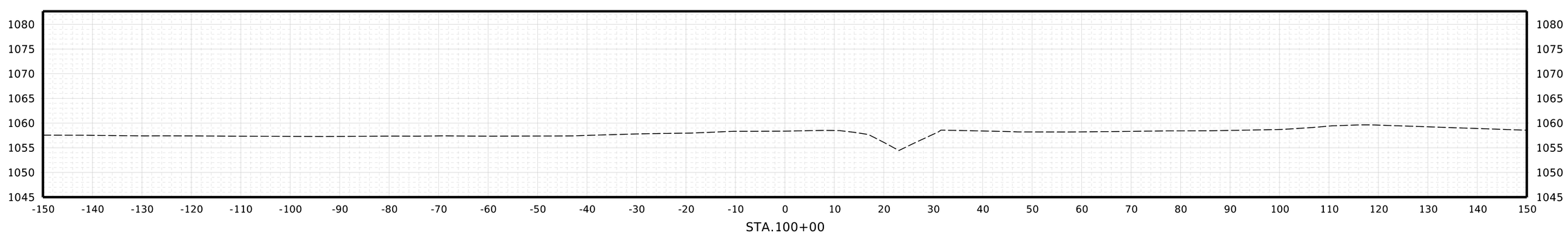
C.N. 32395

DECATUR BRIDGE









THIRD AVENUE
CROSS SECTIONS

NEBRASKA
Good Life. Great Journey.
DEPARTMENT OF TRANSPORTATION

Roadway Design Division
1500 Nebraska Parkway
Lincoln, NE 68502
Office: 402-479-4601

* NOT FINAL *
PRELIMINARY PLAN
SUBJECT TO CHANGE

COMPUTER: B800570
DATE: 12-AUG-2025 13:58
FILE: 32395 Sheets X Sections_3rd Ave.dgn

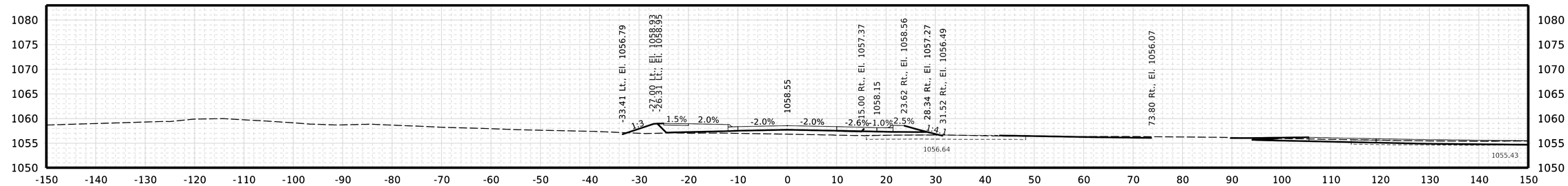
BURNS & MCDONNELL
ENGINEERING COMPANY, INC.
1010 N. 102nd Street, Suite 200
Omaha, NE 68114
Office: 402-408-3013
Nebraska C.O.A. #CA-0621

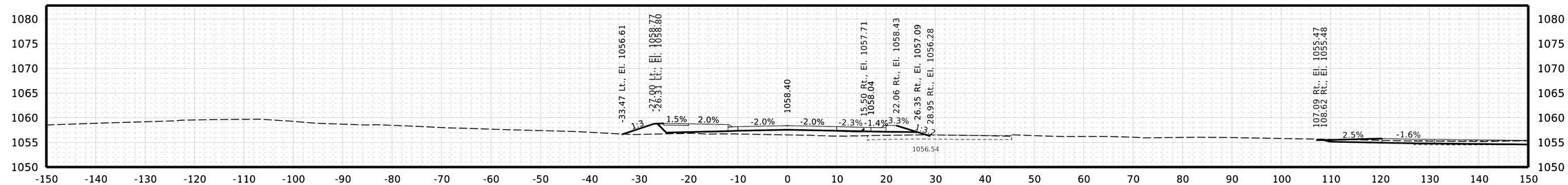
X45

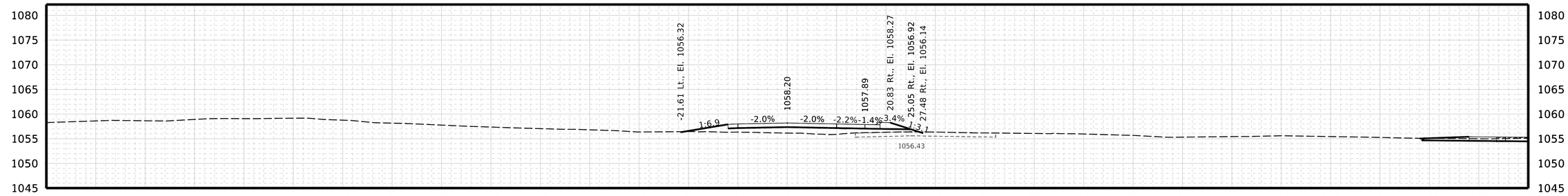
Project Number
51-7(109)

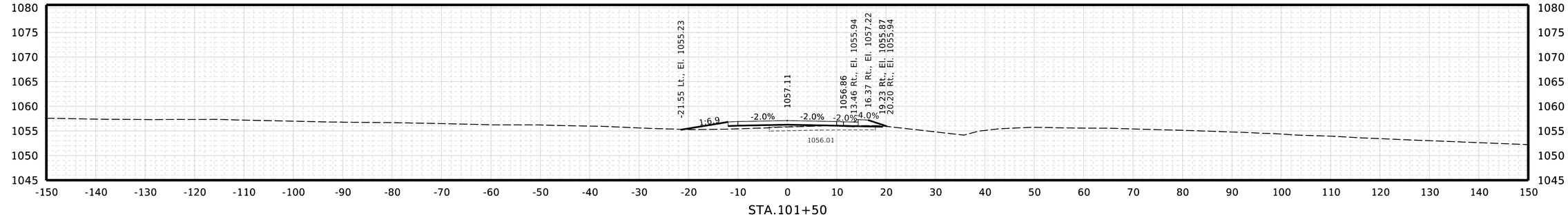
C.N. 32395

DECATUR BRIDGE









THIRD AVENUE
CROSS SECTIONS

NEBRASKA
Good Life. Great Journey.
DEPARTMENT OF TRANSPORTATION

Roadway Design Division
1500 Nebraska Parkway
Lincoln, NE 68502
Office: 402-479-4601

★ NOT FINAL ★
PRELIMINARY PLAN
SUBJECT TO CHANGE

COMPUTER: B800570
DATE: 12-AUG-2025 13:58
FILE: 32395 Sheets X Sections_3rd Ave.dgn

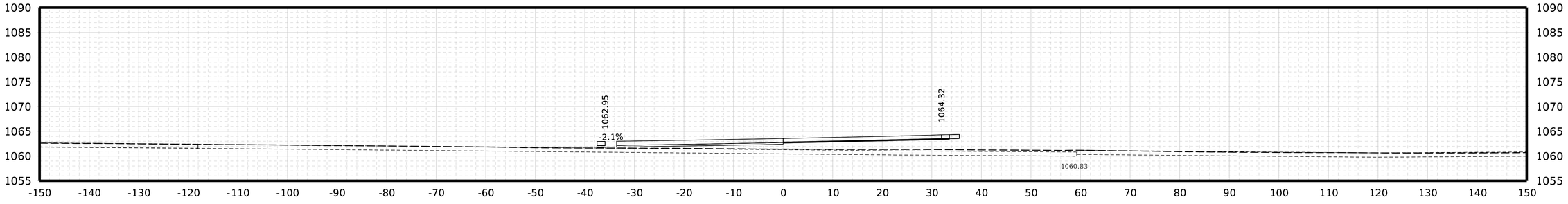
BURNS & MCDONNELL
ENGINEERING COMPANY, INC.
1010 N. 102nd Street, Suite 200
Omaha, NE 68114
Office: 402-408-3013
Nebraska C.O.A. #CA-0621

X46

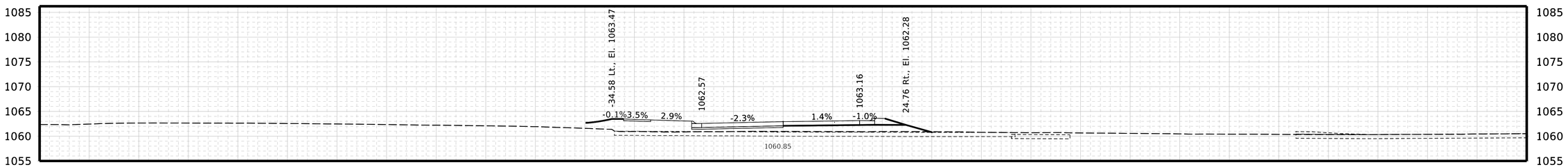
Project Number
51-7(109)

C.N. 32395

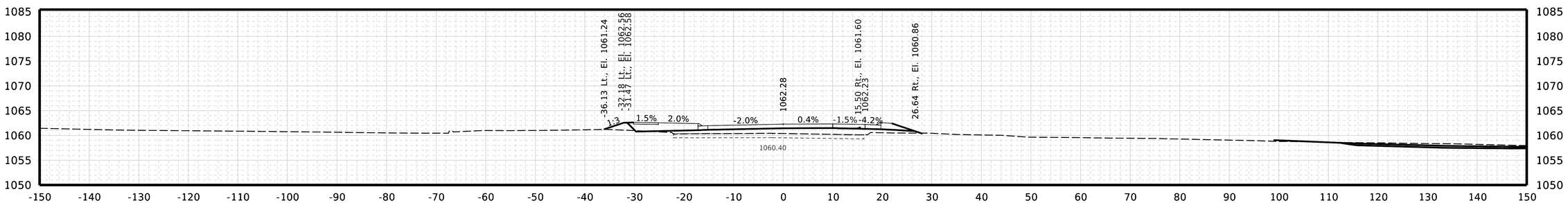
DECATUR BRIDGE



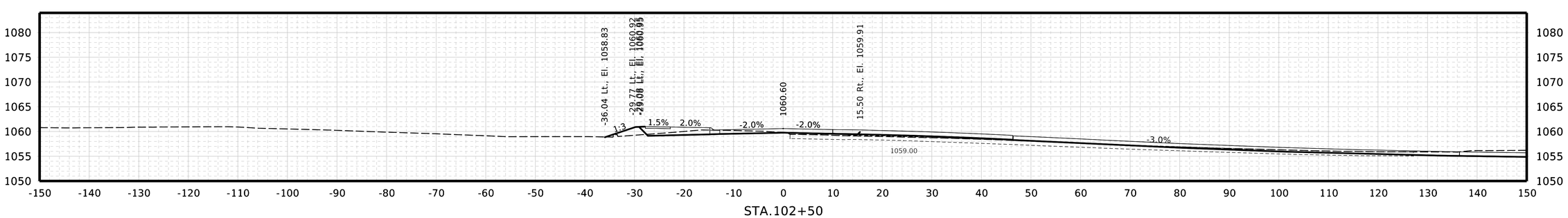
STA.103+19



STA.103+00



STA.102+84



STA.102+50

THIRD AVENUE
CROSS SECTIONS

NEBRASKA
Good Life. Great Journey.
DEPARTMENT OF TRANSPORTATION

Roadway Design Division
1500 Nebraska Parkway
Lincoln, NE 68502
Office: 402-479-4601

NOT FINAL
PRELIMINARY PLAN
SUBJECT TO CHANGE

COMPUTER: B800570
DATE: 12-AUG-2025 13:58
FILE: 32395 Sheets X Sections_3rd Ave.dgn

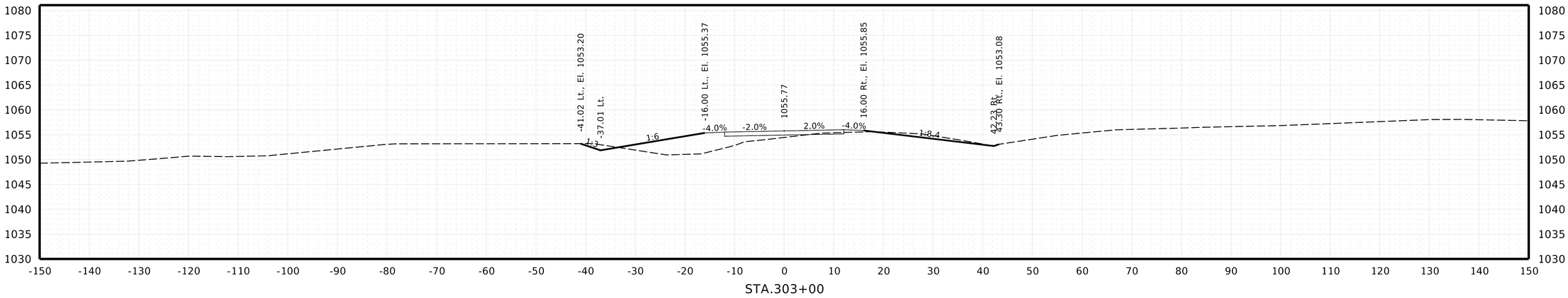
BURNS & MCDONNELL
ENGINEERING COMPANY, INC.
1010 N. 102nd Street, Suite 200
Omaha, NE 68114
Office: 402-408-3013
Nebraska C.O.A. #CA-0621

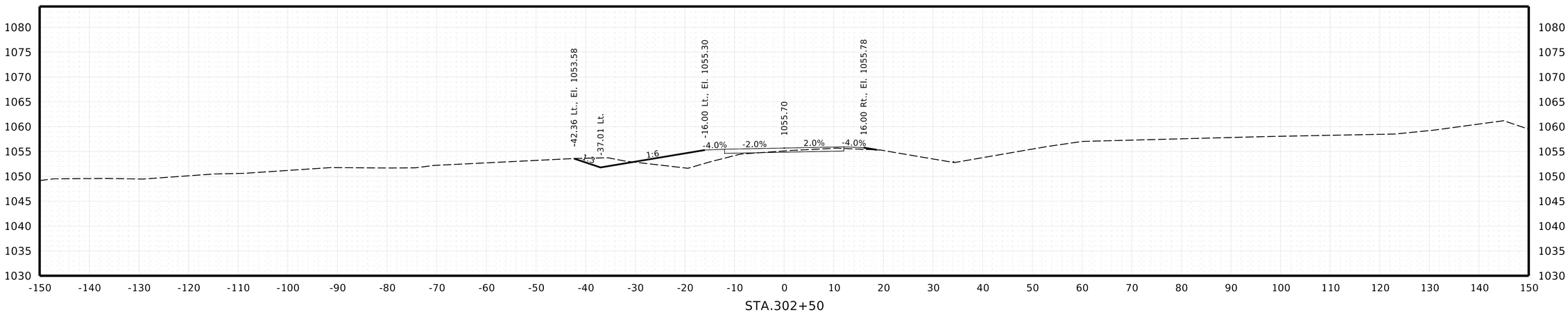
X47

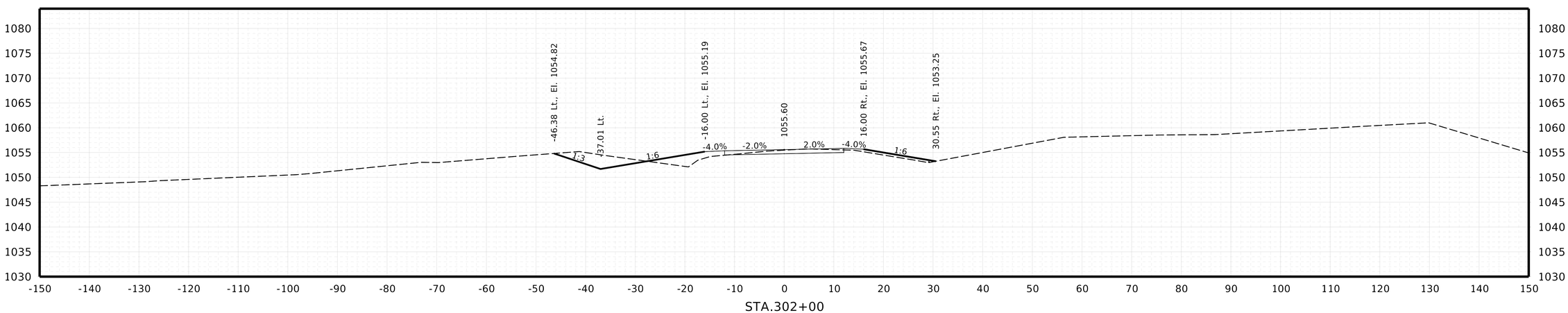
Project Number
51-7(109)

C.N. 32395

DECATUR BRIDGE







IDNR ACCESS ROAD
CROSS SECTIONS

NEBRASKA
Good Life. Great Journey.
DEPARTMENT OF TRANSPORTATION

Roadway Design Division
1500 Nebraska Parkway
Lincoln, NE 68502
Office: 402-479-4601

* NOT FINAL *
PRELIMINARY PLAN
SUBJECT TO CHANGE

COMPUTER: B725141
DATE: 12-AUG-2025 16:44
FILE: 32395 Sheets X Sections_IDNR.dgn

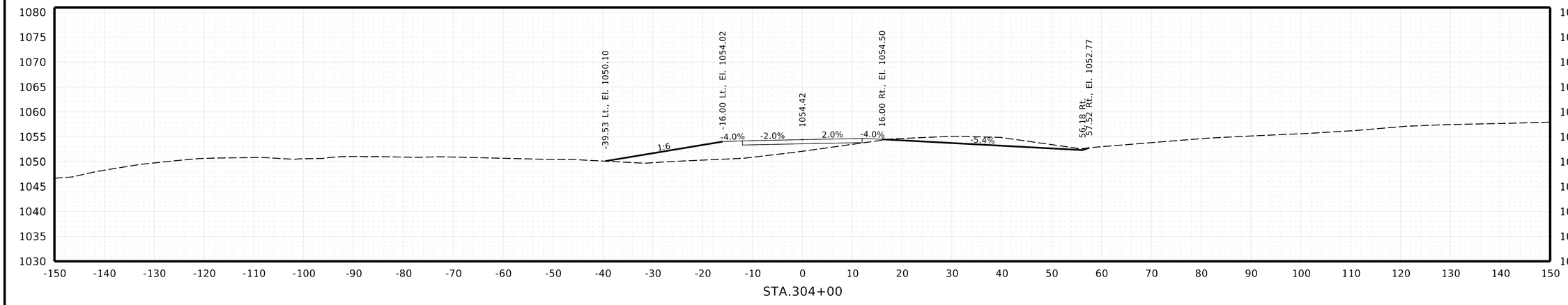
BURNS & MCDONNELL
ENGINEERING COMPANY, INC.
1010 N. 102nd Street, Suite 200
Omaha, NE 68114
Office: 402-408-3013
Nebraska C.O.A. #CA-0621

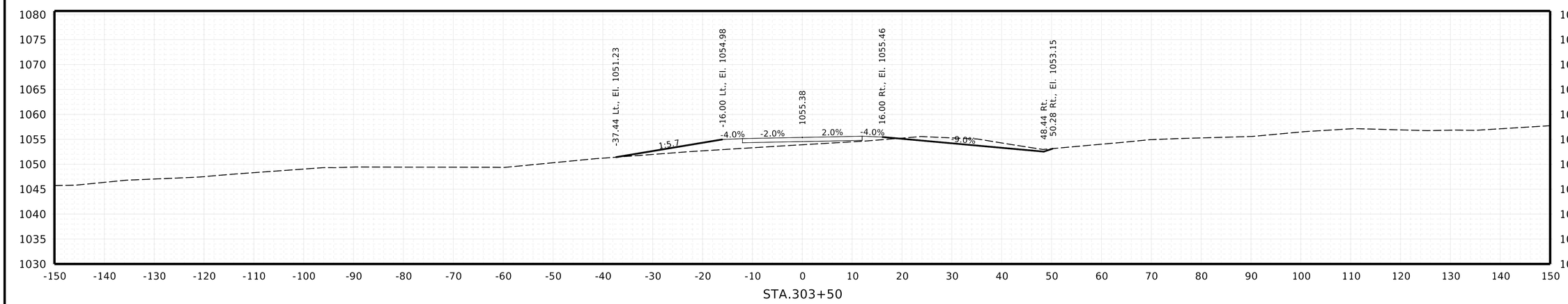
X48

Project Number
51-7(109)

C.N. 32395

DECATUR BRIDGE





IDNR ACCESS ROAD
CROSS SECTIONS

NEBRASKA
Good Life. Great Journey.
DEPARTMENT OF TRANSPORTATION

Roadway Design Division
1500 Nebraska Parkway
Lincoln, NE 68502
Office: 402-479-4601

★ NOT FINAL ★
PRELIMINARY PLAN
SUBJECT TO CHANGE

COMPUTER: B725141
DATE: 12-AUG-2025 16:44
FILE: 32395 Sheets X Sections_IDNR.dgn

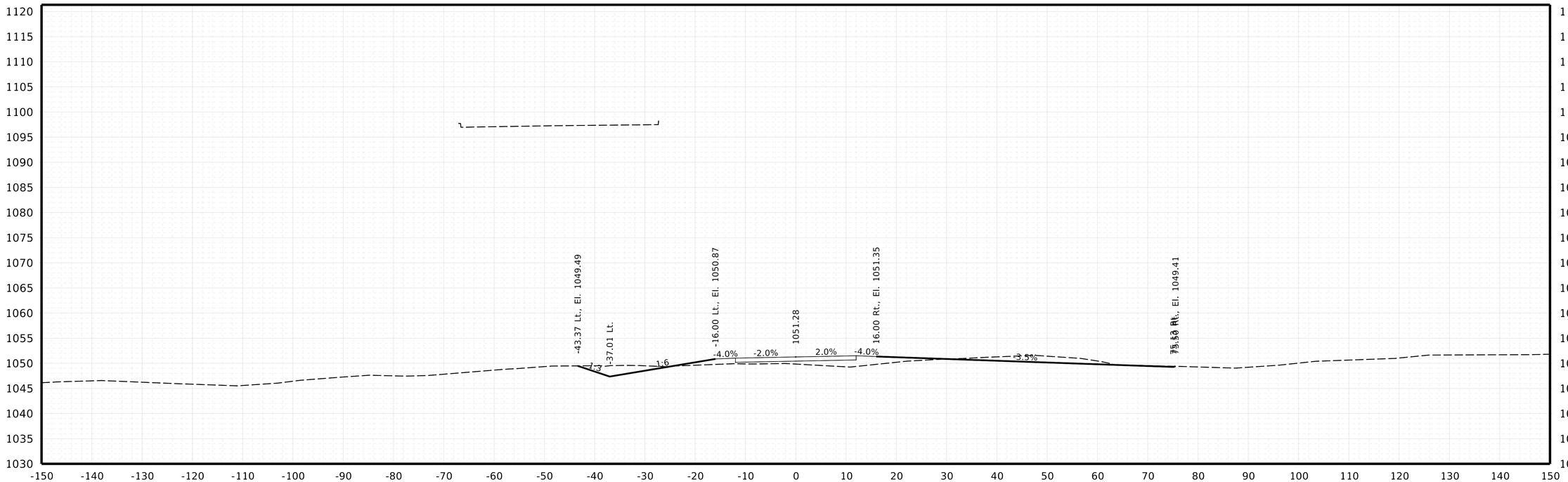
BURNS & MCDONNELL
ENGINEERING COMPANY, INC.
1010 N. 102nd Street, Suite 200
Omaha, NE 68114
Office: 402-408-3013
Nebraska C.O.A. #CA-0621

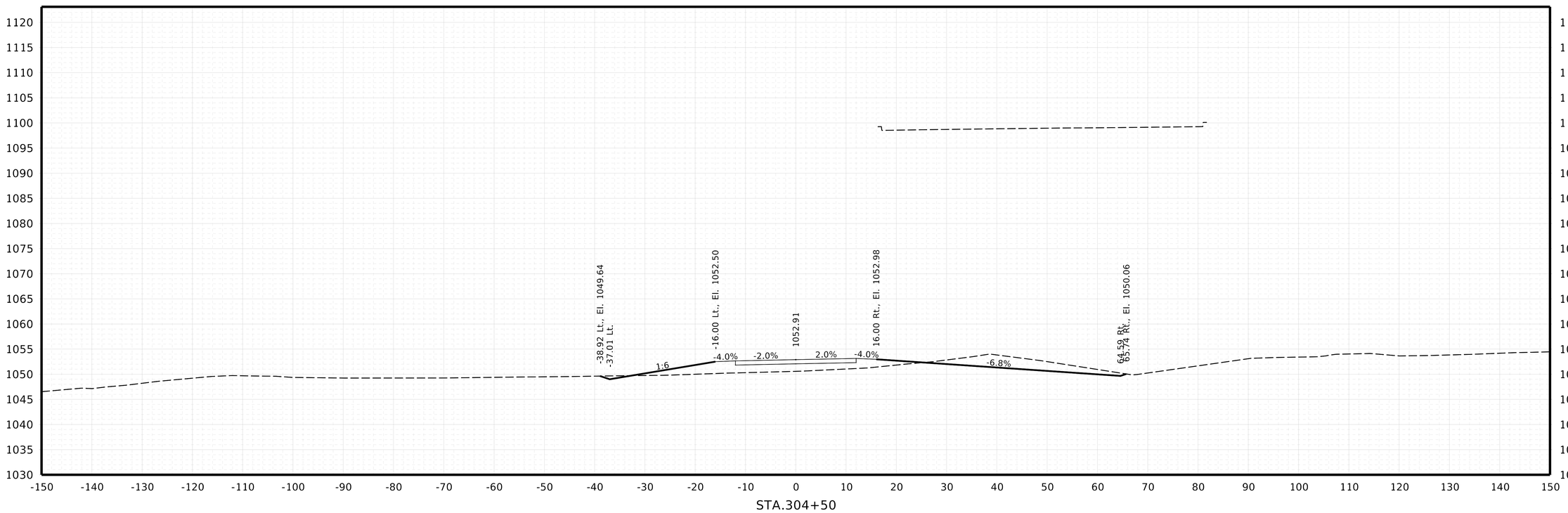
X49

Project Number
51-7(109)

C.N. 32395

DECATUR BRIDGE





IDNR ACCESS ROAD
CROSS SECTIONS

NEBRASKA
Good Life. Great Journey.
DEPARTMENT OF TRANSPORTATION

Roadway Design Division
1500 Nebraska Parkway
Lincoln, NE 68502
Office: 402-479-4601

★ NOT FINAL ★
PRELIMINARY PLAN
SUBJECT TO CHANGE

COMPUTER: B725141
DATE: 12-AUG-2025 16:44
FILE: 32395 Sheets X Sections_IDNR.dgn

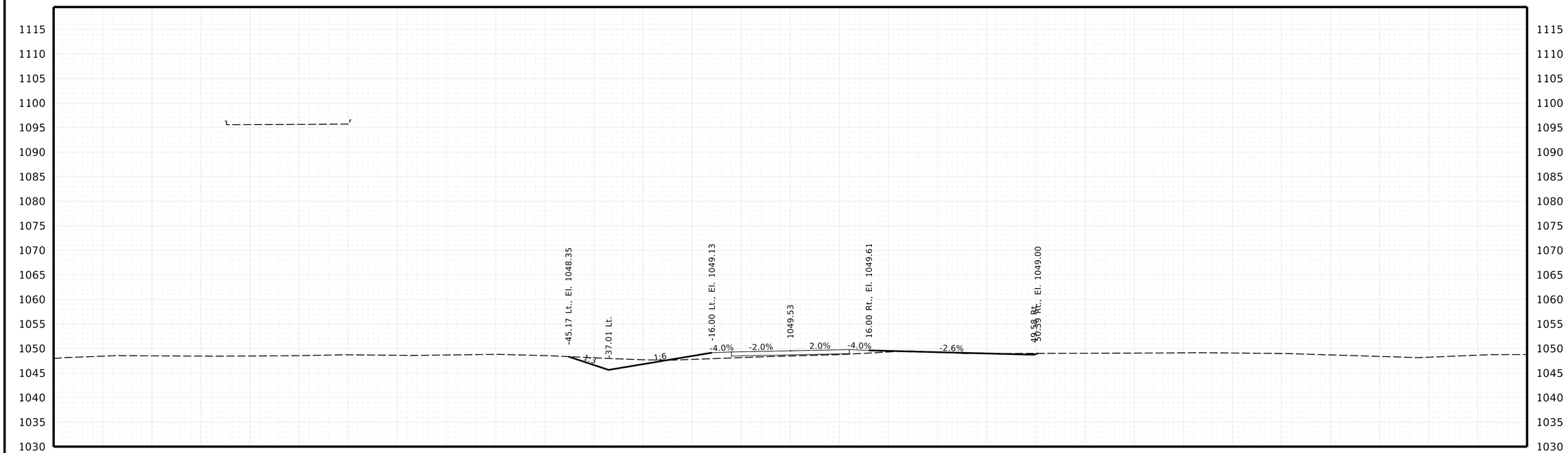
BURNS & MCDONNELL
ENGINEERING COMPANY, INC.
1010 N. 102nd Street, Suite 200
Omaha, NE 68114
Office: 402-408-3013
Nebraska C.O.A. #CA-0621

X50

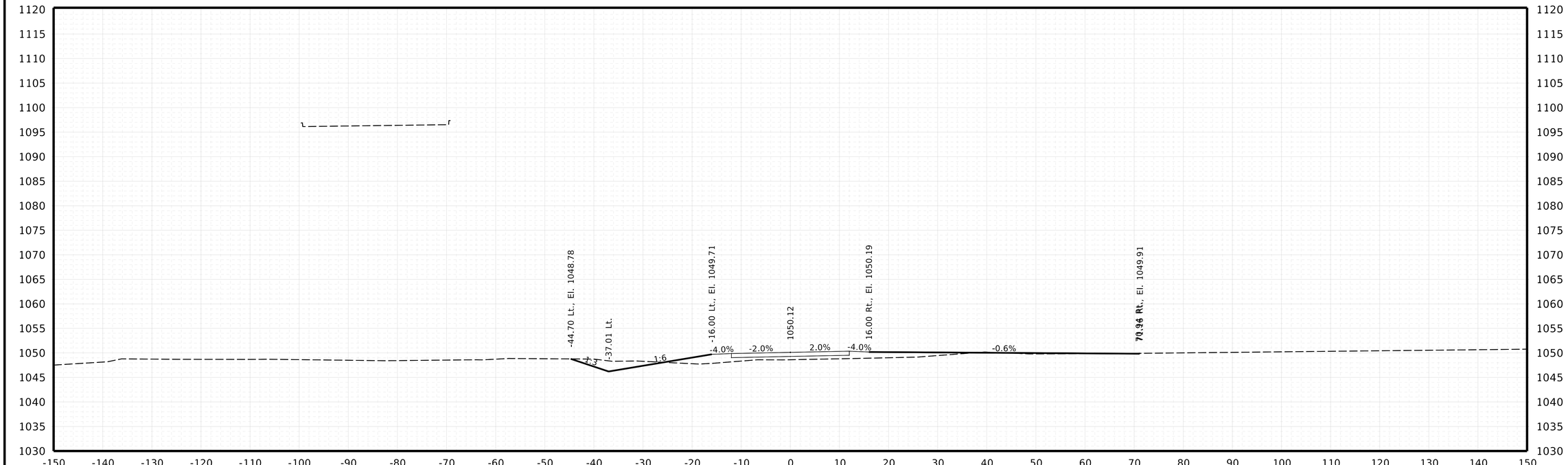
Project Number
51-7(109)

C.N. 32395

DECATUR BRIDGE



STA.306+00



STA.305+50

IDNR ACCESS ROAD
CROSS SECTIONS

NEBRASKA
Good Life. Great Journey.
DEPARTMENT OF TRANSPORTATION

Roadway Design Division
1500 Nebraska Parkway
Lincoln, NE 68502
Office: 402-479-4601

* NOT FINAL *
PRELIMINARY PLAN
SUBJECT TO CHANGE

COMPUTER: B725141
DATE: 12-AUG-2025 16:44
FILE: 32395 Sheets X Sections_IDNR.dgn

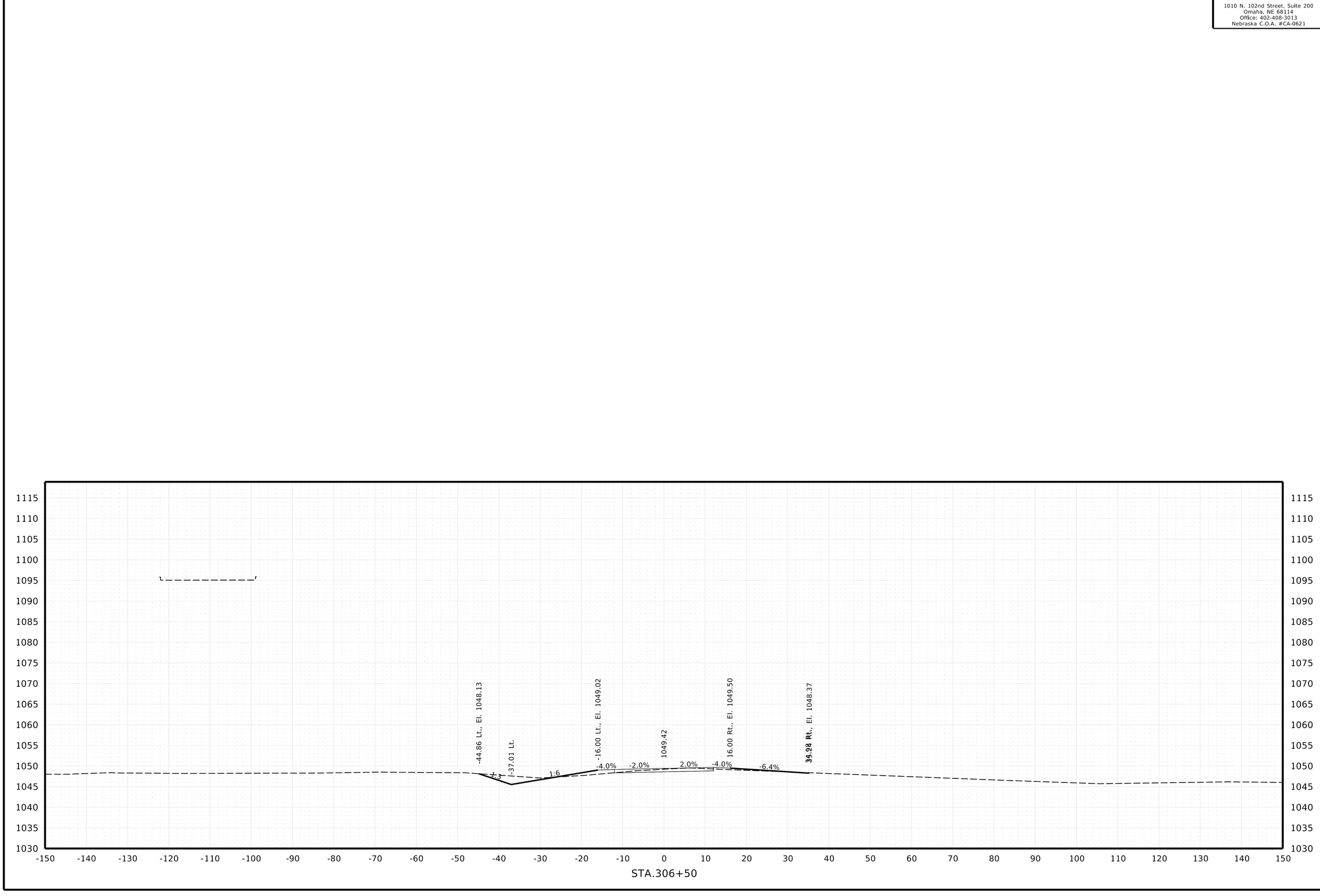
BURNS & MCDONNELL
ENGINEERING COMPANY, INC.
1010 N. 102nd Street, Suite 200
Omaha, NE 68114
Office: 402-408-3013
Nebraska C.O.A. #CA-0621

X51

Project Number
51-7(109)

C.N. 32395

DECATUR BRIDGE



IDNR ACCESS ROAD
CROSS SECTIONS

NEBRASKA
Good Life. Great Journey.
DEPARTMENT OF TRANSPORTATION

Roadway Design Division
1500 Nebraska Parkway
Lincoln, NE 68502
Office: 402-479-4601

★ NOT FINAL ★
PRELIMINARY PLAN
SUBJECT TO CHANGE

COMPUTER: B725141
DATE: 12-AUG-2025 16:44
FILE: 32395 Sheets X Sections_IDNR.dgn

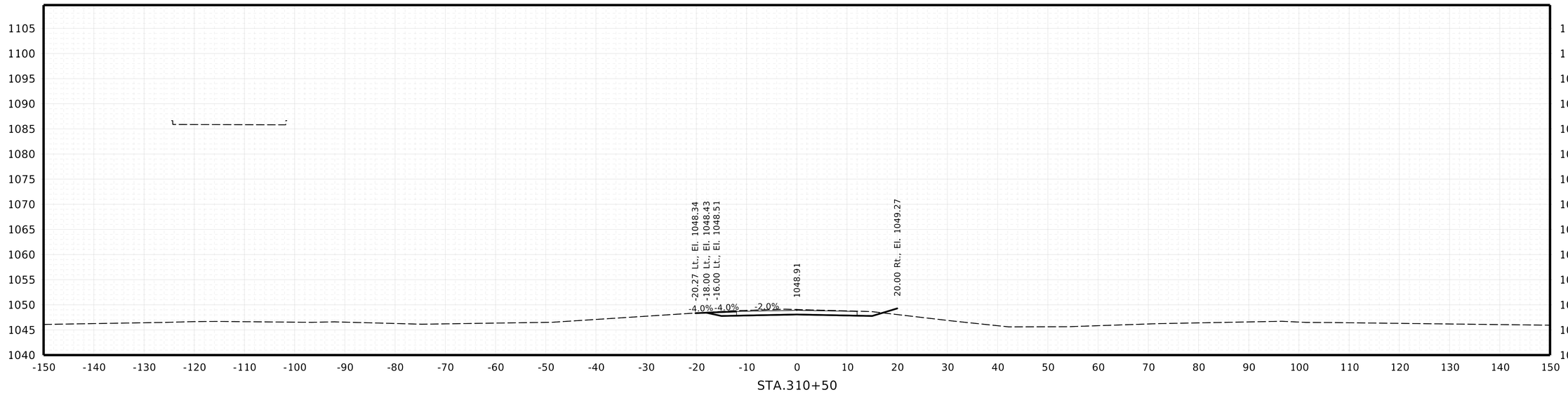
BURNS & MCDONNELL
ENGINEERING COMPANY, INC.
1010 N. 102nd Street, Suite 200
Omaha, NE 68114
Office: 402-408-3013
Nebraska C.O.A. #CA-0621

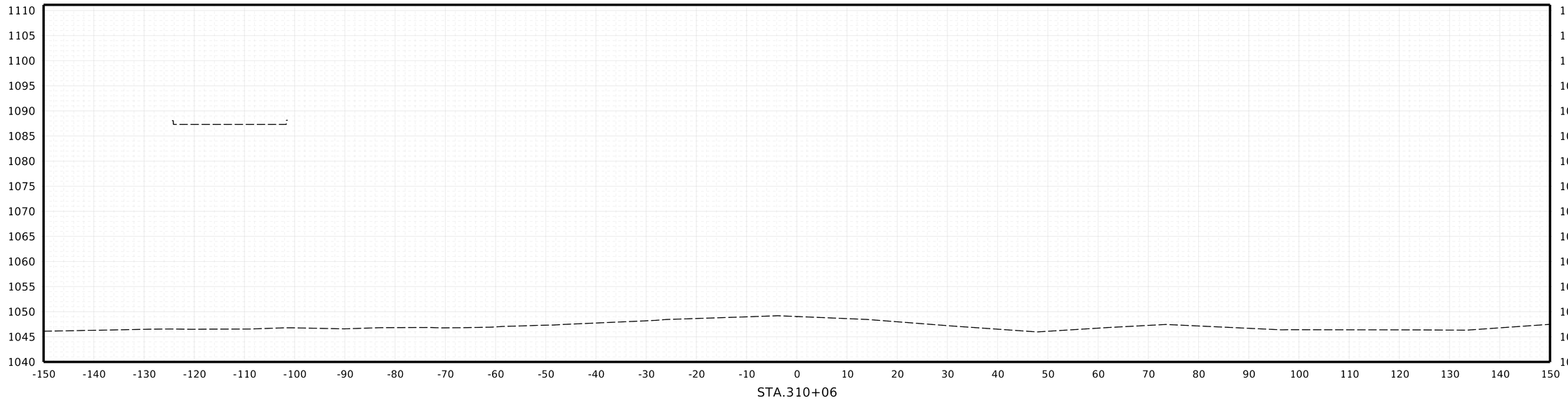
X52

Project Number
51-7(109)

C.N. 32395

DECATUR BRIDGE





IDNR ACCESS ROAD
CROSS SECTIONS

NEBRASKA
Good Life. Great Journey.
DEPARTMENT OF TRANSPORTATION

Roadway Design Division
1500 Nebraska Parkway
Lincoln, NE 68502
Office: 402-479-4601

* NOT FINAL *
PRELIMINARY PLAN
SUBJECT TO CHANGE

COMPUTER: B725141
DATE: 12-AUG-2025 16:44
FILE: 32395 Sheets X Sections_IDNR.dgn

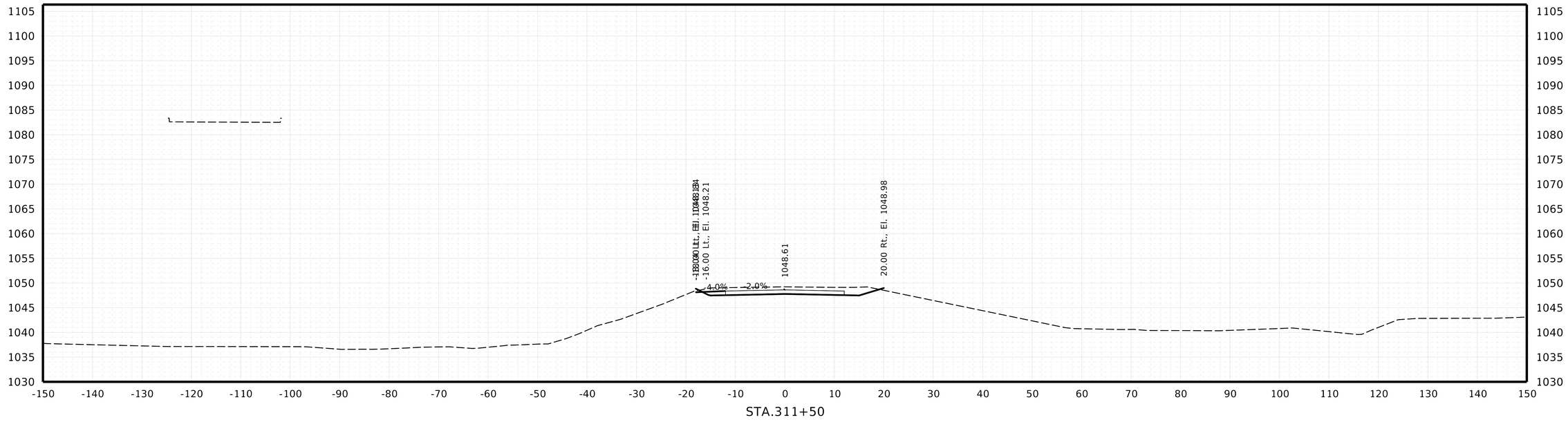
BURNS & MCDONNELL
ENGINEERING COMPANY, INC.
1010 N. 102nd Street, Suite 200
Omaha, NE 68114
Office: 402-408-3013
Nebraska C.O.A. #CA-0621

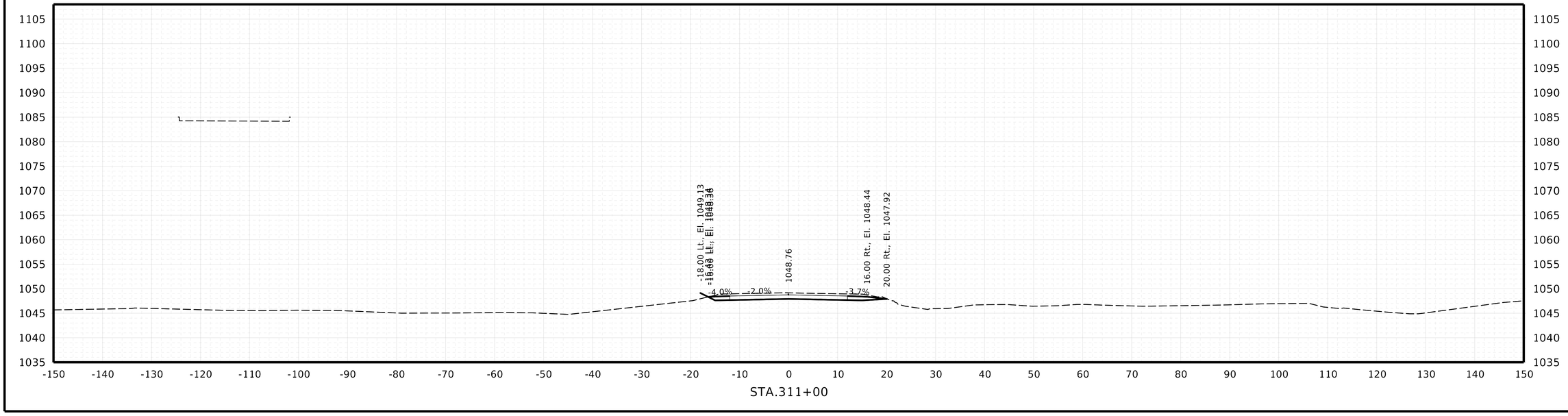
X53

Project Number
51-7(109)

C.N. 32395

DECATUR BRIDGE





IDNR ACCESS ROAD
CROSS SECTIONS

NEBRASKA
Good Life. Great Journey.
DEPARTMENT OF TRANSPORTATION

Roadway Design Division
1500 Nebraska Parkway
Lincoln, NE 68502
Office: 402-479-4601

★ NOT FINAL ★
PRELIMINARY PLAN
SUBJECT TO CHANGE

COMPUTER: B725141
DATE: 12-AUG-2025 16:44
FILE: 32395 Sheets X Sections_IDNR.dgn

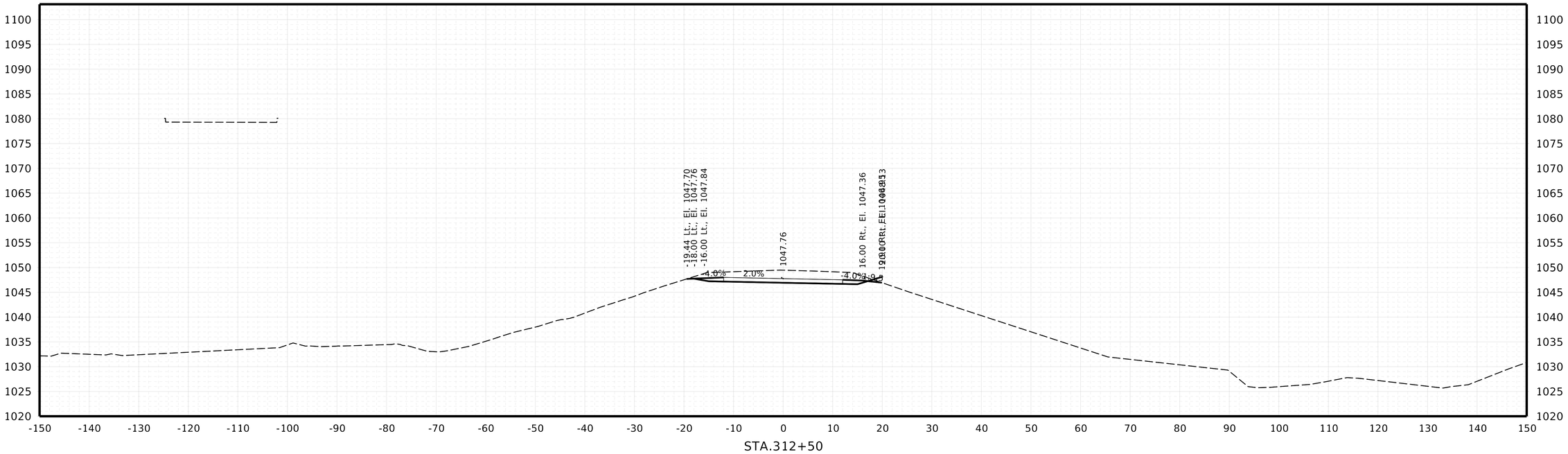
BURNS & MCDONNELL
ENGINEERING COMPANY, INC.
1010 N. 102nd Street, Suite 200
Omaha, NE 68114
Office: 402-408-3013
Nebraska C.O.A. #CA-0621

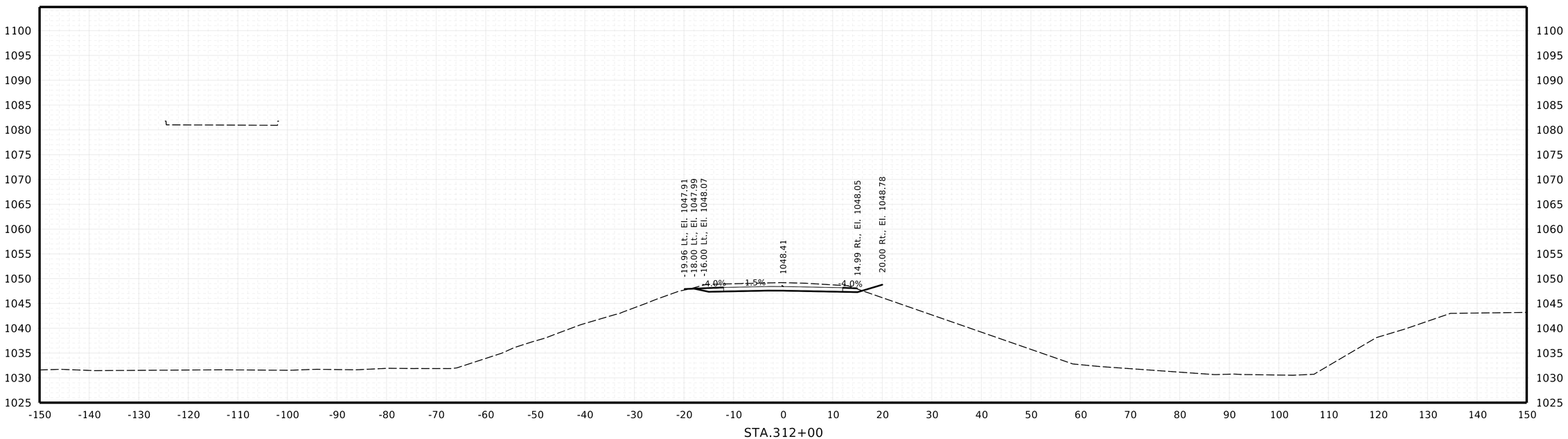
X54

Project Number
51-7(109)

C.N. 32395

DECATUR BRIDGE





IDNR ACCESS ROAD
CROSS SECTIONS

NEBRASKA
Good Life. Great Journey.
DEPARTMENT OF TRANSPORTATION

Roadway Design Division
1500 Nebraska Parkway
Lincoln, NE 68502
Office: 402-479-4601

* NOT FINAL *
PRELIMINARY PLAN
SUBJECT TO CHANGE

COMPUTER: B725141
DATE: 12-AUG-2025 16:44
FILE: 32395 Sheets X Sections_IDNR.dgn

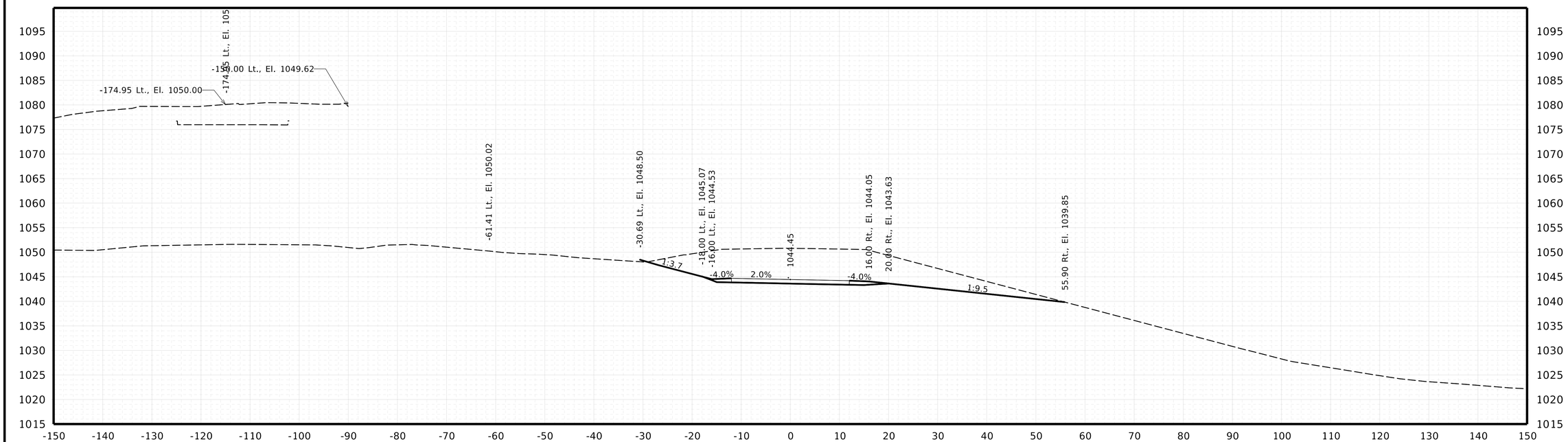
BURNS & MCDONNELL
ENGINEERING COMPANY, INC.
1010 N. 102nd Street, Suite 200
Omaha, NE 68114
Office: 402-408-3013
Nebraska C.O.A. #CA-0621

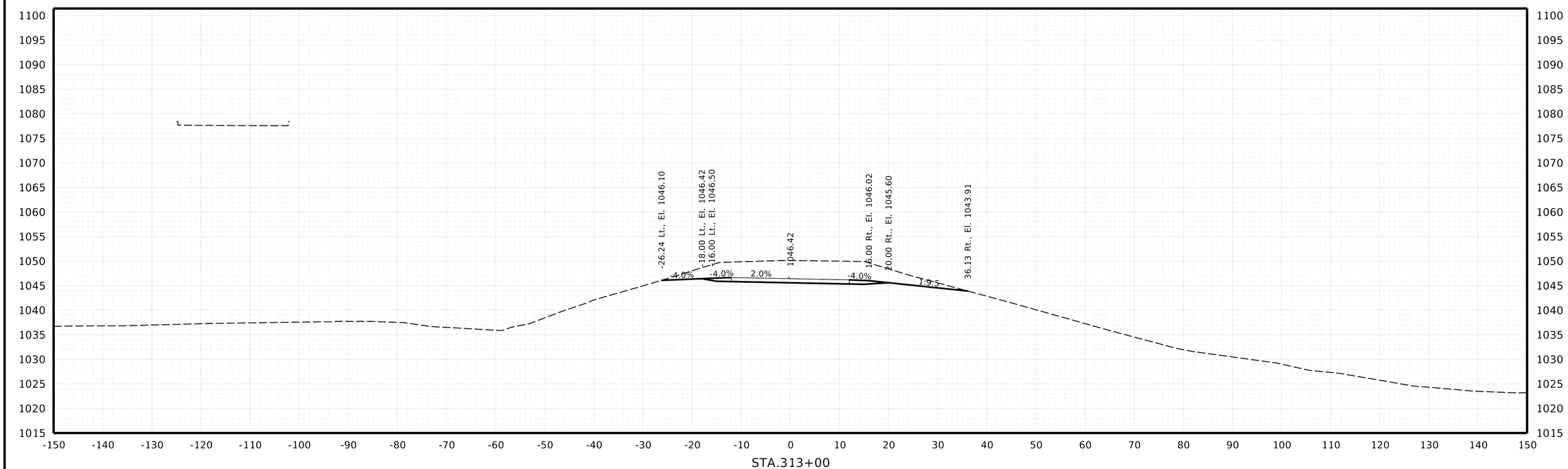
X55

Project Number
51-7(109)

C.N. 32395

DECATUR BRIDGE





IDNR ACCESS ROAD
CROSS SECTIONS

NEBRASKA
Good Life. Great Journey.
DEPARTMENT OF TRANSPORTATION

Roadway Design Division
1500 Nebraska Parkway
Lincoln, NE 68502
Office: 402-479-4601

* NOT FINAL *
PRELIMINARY PLAN
SUBJECT TO CHANGE

COMPUTER: B725141
DATE: 12-AUG-2025 16:45
FILE: 32395 Sheets X Sections_IDNR.dgn

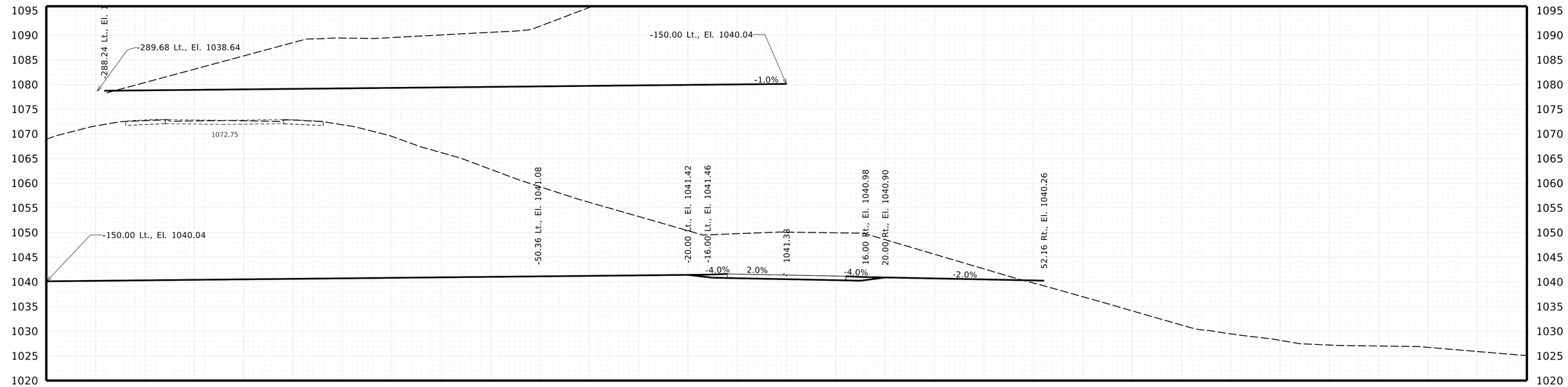
BURNS & MCDONNELL
ENGINEERING COMPANY, INC.
1010 N. 102nd Street, Suite 200
Omaha, NE 68114
Office: 402-408-3013
Nebraska C.O.A. #CA-0621

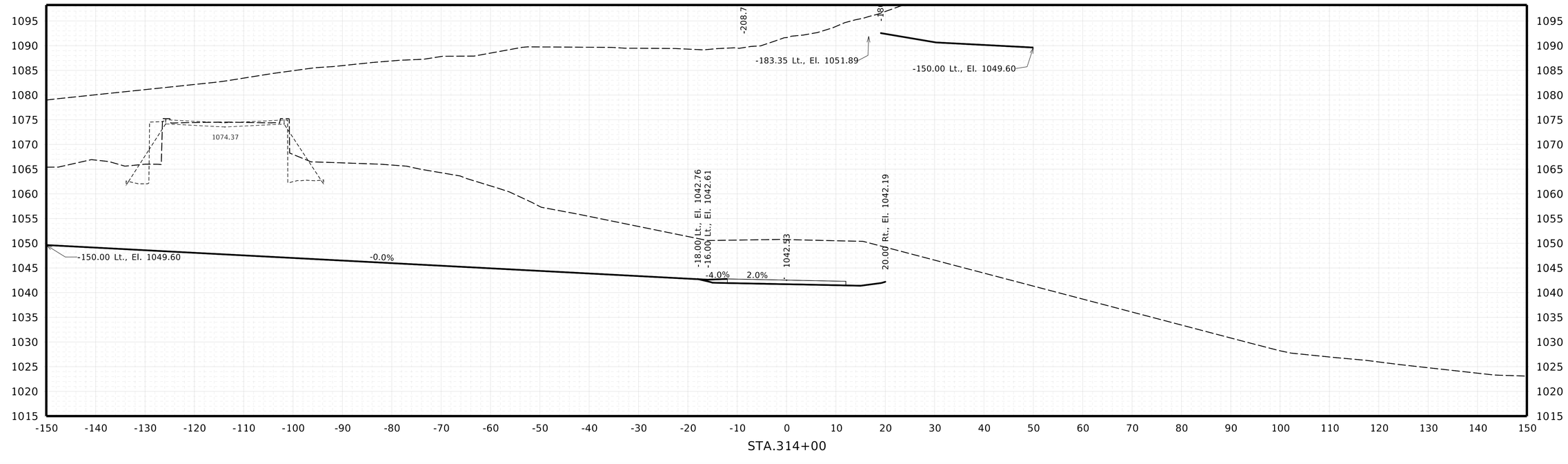
X58

Project Number
51-7(109)

C.N. 32395

DECATUR BRIDGE





IDNR ACCESS ROAD
CROSS SECTIONS

NEBRASKA
Good Life. Great Journey.
DEPARTMENT OF TRANSPORTATION

Roadway Design Division
1500 Nebraska Parkway
Lincoln, NE 68502
Office: 402-479-4601

★ NOT FINAL ★
PRELIMINARY PLAN
SUBJECT TO CHANGE

COMPUTER: B725141
DATE: 12-AUG-2025 16:45
FILE: 32395 Sheets X Sections_IDNR.dgn

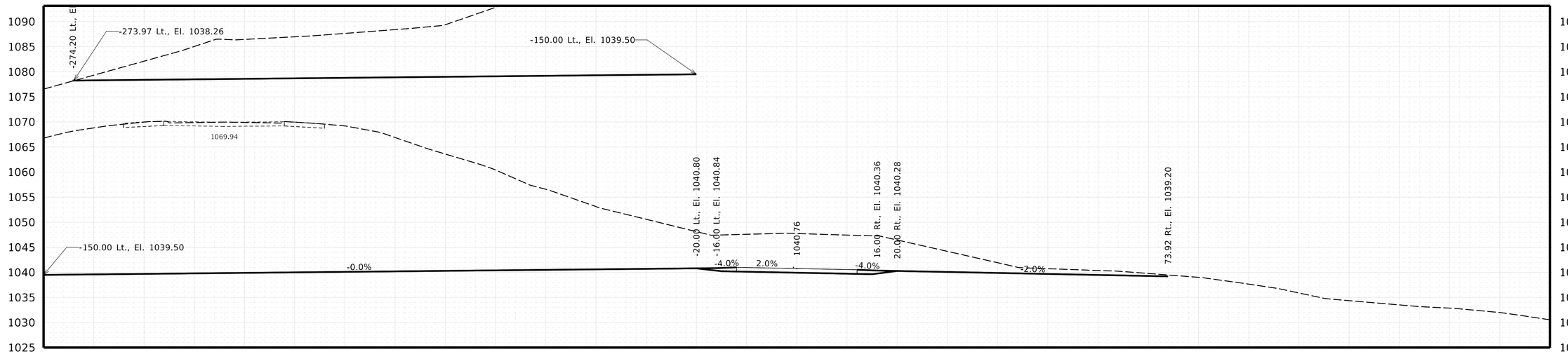
BURNS & MCDONNELL
ENGINEERING COMPANY, INC.
1010 N. 102nd Street, Suite 200
Omaha, NE 68114
Office: 402-408-3013
Nebraska C.O.A. #CA-0621

X57

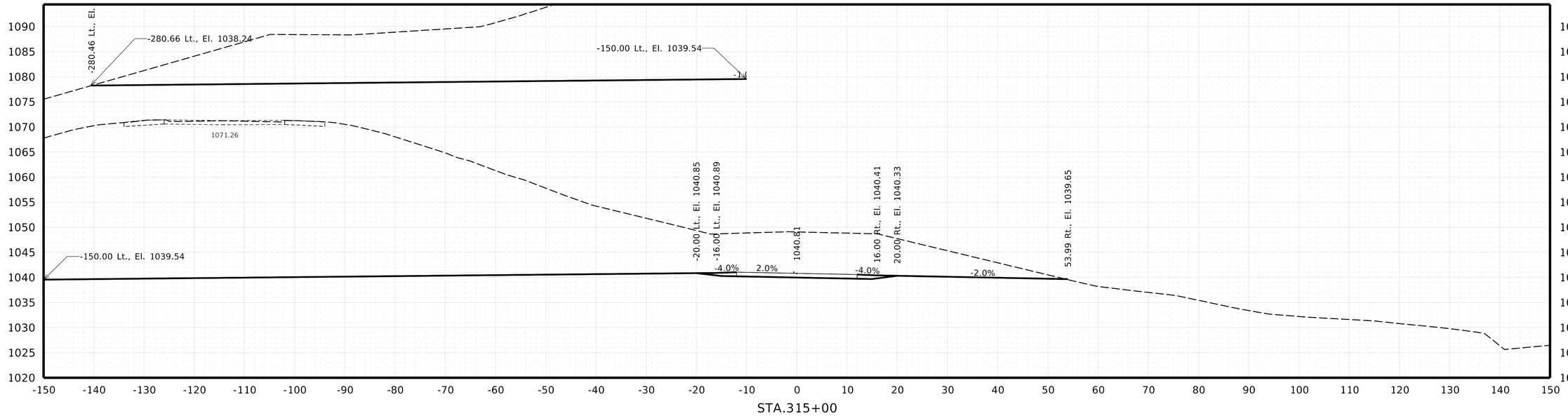
Project Number
51-7(109)

C.N. 32395

DECATUR BRIDGE



STA.315+50



STA.315+00

IDNR ACCESS ROAD
CROSS SECTIONS

NEBRASKA
Good Life. Great Journey.
DEPARTMENT OF TRANSPORTATION

Roadway Design Division
1500 Nebraska Parkway
Lincoln, NE 68502
Office: 402-479-4601

★ NOT FINAL ★
PRELIMINARY PLAN
SUBJECT TO CHANGE

COMPUTER: B725141
DATE: 12-AUG-2025 16:45
FILE: 32395 Sheets X Sections_IDNR.dgn

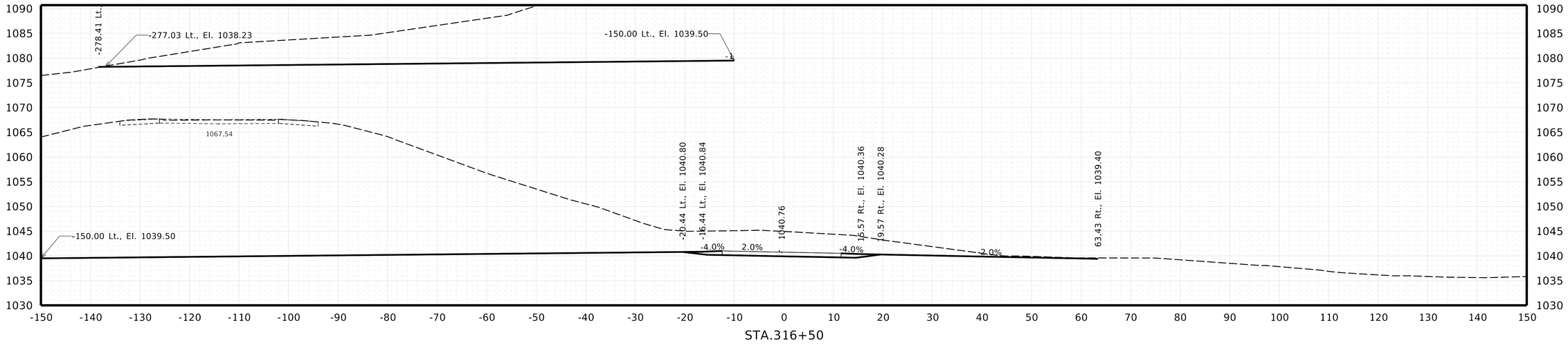
BURNS & MCDONNELL
ENGINEERING COMPANY, INC.
1010 N. 102nd Street, Suite 200
Omaha, NE 68114
Office: 402-408-3013
Nebraska C.O.A. #CA-0621

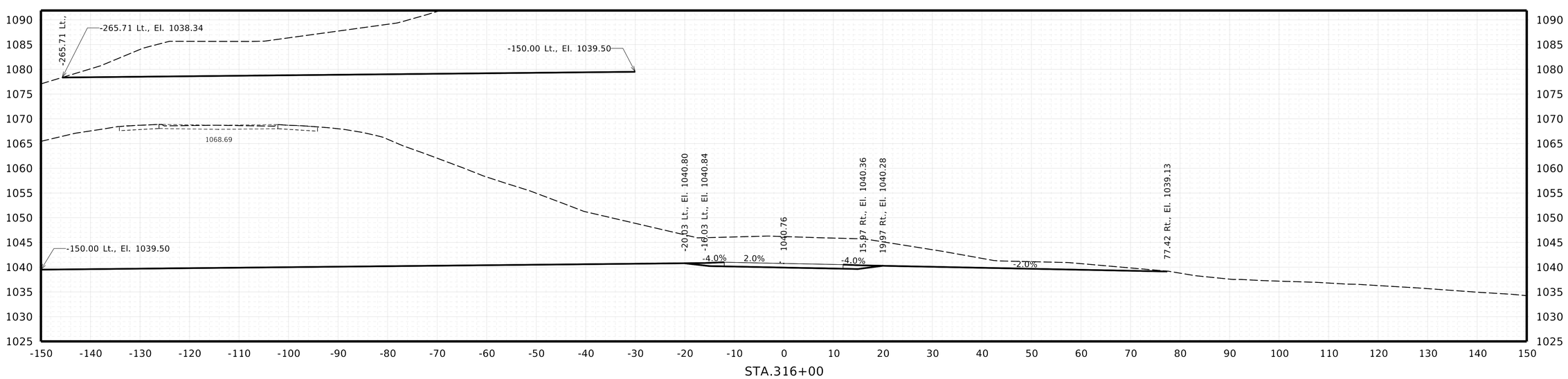
X58

Project Number
51-7(109)

C.N. 32395

DECATUR BRIDGE





IDNR ACCESS ROAD
CROSS SECTIONS

NEBRASKA
Good Life. Great Journey.
DEPARTMENT OF TRANSPORTATION

Roadway Design Division
1500 Nebraska Parkway
Lincoln, NE 68502
Office: 402-479-4601

* NOT FINAL *
PRELIMINARY PLAN
SUBJECT TO CHANGE

COMPUTER: B725141
DATE: 12-AUG-2025 16:45
FILE: 32395 Sheets X Sections_IDNR.dgn

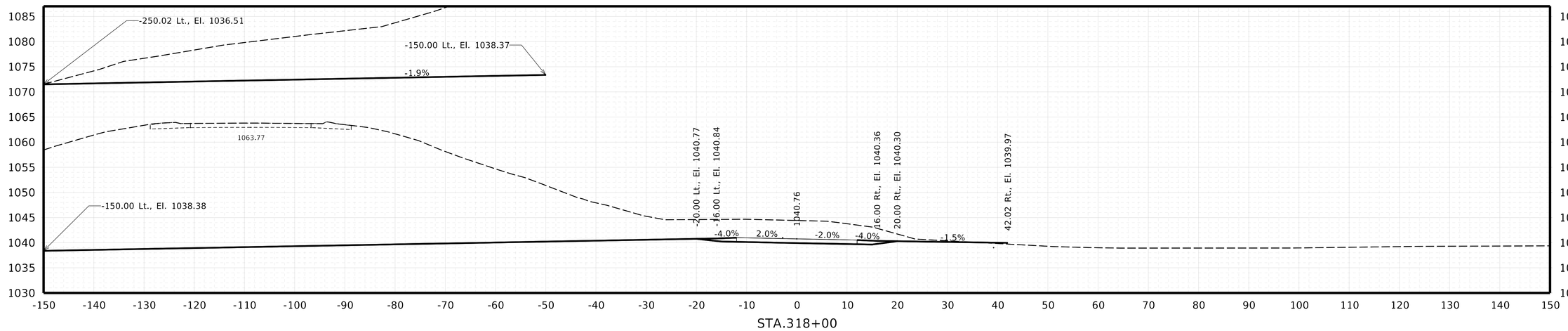
BURNS & MCDONNELL
ENGINEERING COMPANY, INC.
1010 N. 102nd Street, Suite 200
Omaha, NE 68114
Office: 402-408-3013
Nebraska C.O.A. #CA-0621

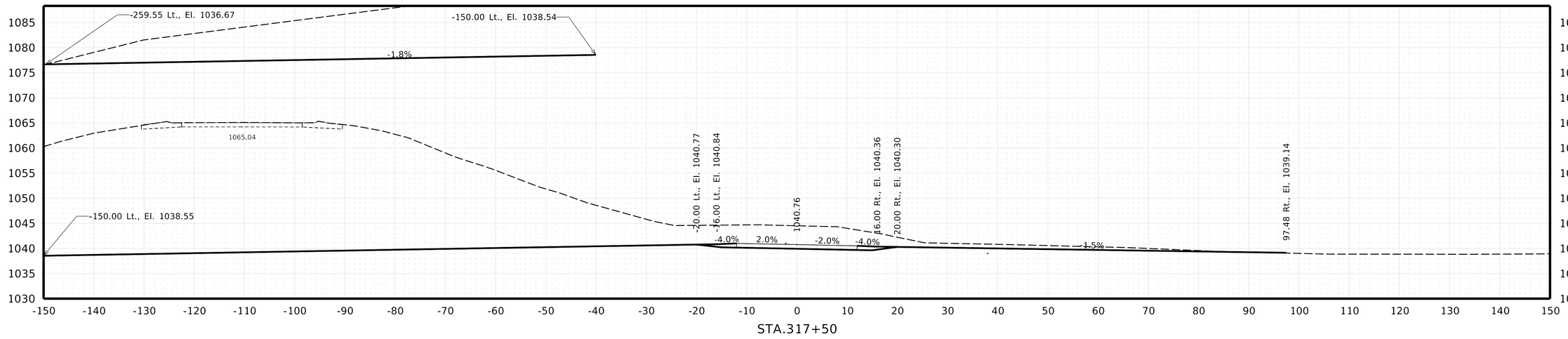
X59

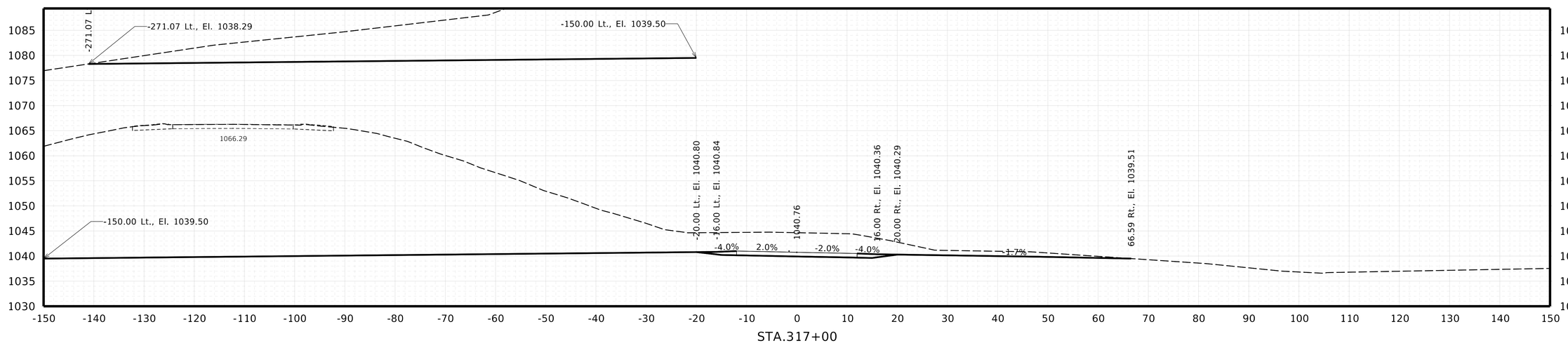
Project Number
51-7(109)

C.N. 32395

DECATUR BRIDGE







IDNR ACCESS ROAD
CROSS SECTIONS

NEBRASKA
Good Life. Great Journey.
DEPARTMENT OF TRANSPORTATION

Roadway Design Division
1500 Nebraska Parkway
Lincoln, NE 68502
Office: 402-479-4601

★ NOT FINAL ★
PRELIMINARY PLAN
SUBJECT TO CHANGE

COMPUTER: B725141
DATE: 12-AUG-2025 16:45
FILE: 32395 Sheets X Sections_IDNR.dgn

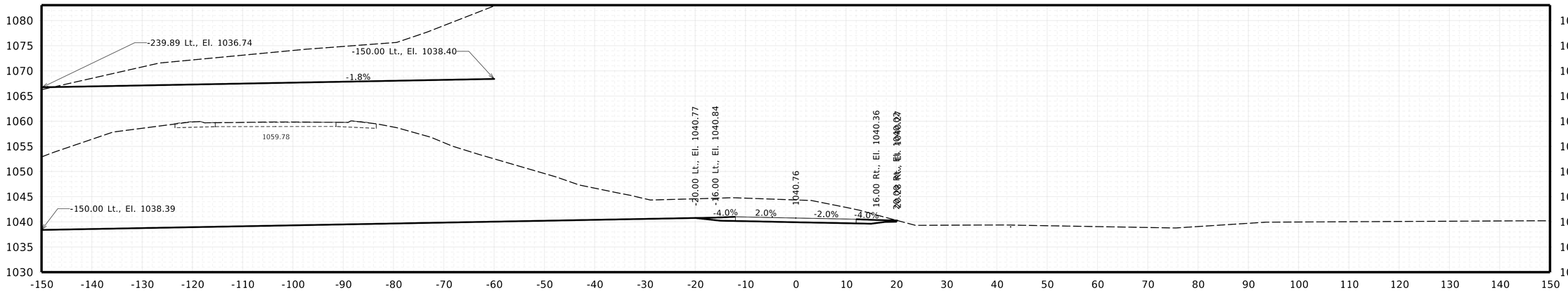
BURNS & MCDONNELL
ENGINEERING COMPANY, INC.
1010 N. 102nd Street, Suite 200
Omaha, NE 68114
Office: 402-408-3013
Nebraska C.O.A. #CA-0621

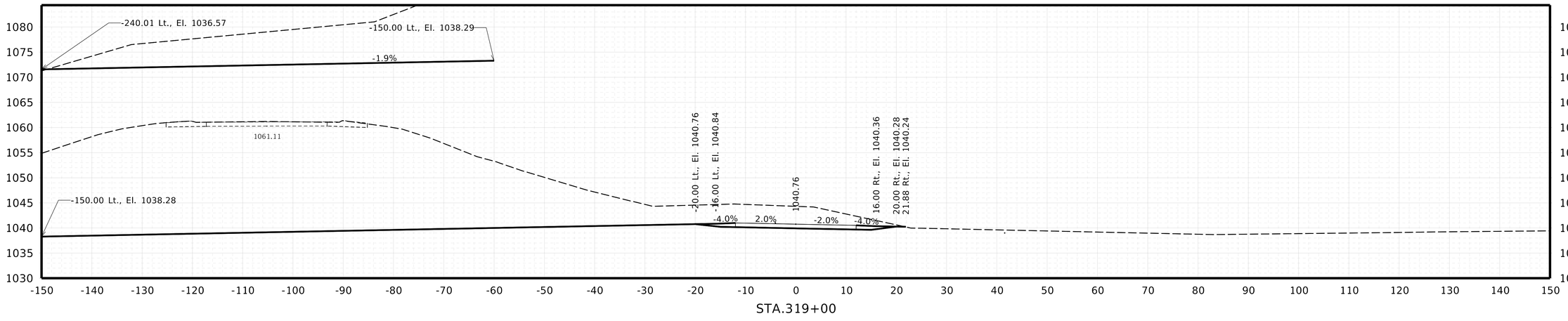
X60

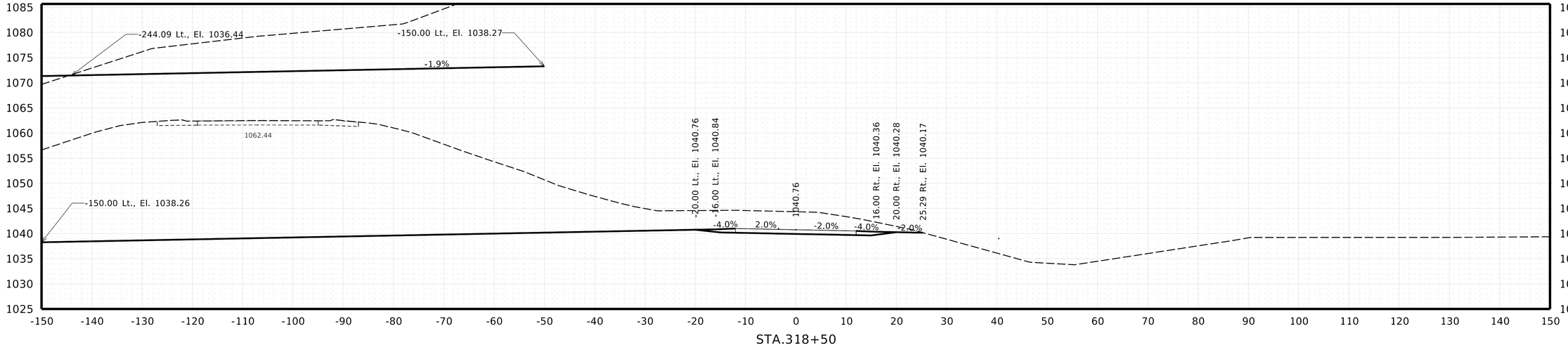
Project Number
51-7(109)

C.N. 32395

DECATUR BRIDGE







IDNR ACCESS ROAD
CROSS SECTIONS

NEBRASKA
Good Life. Great Journey.
DEPARTMENT OF TRANSPORTATION

Roadway Design Division
1500 Nebraska Parkway
Lincoln, NE 68502
Office: 402-479-4601

★ NOT FINAL ★
PRELIMINARY PLAN
SUBJECT TO CHANGE

COMPUTER: B725141
DATE: 12-AUG-2025 16:45
FILE: 32395 Sheets X Sections_IDNR.dgn

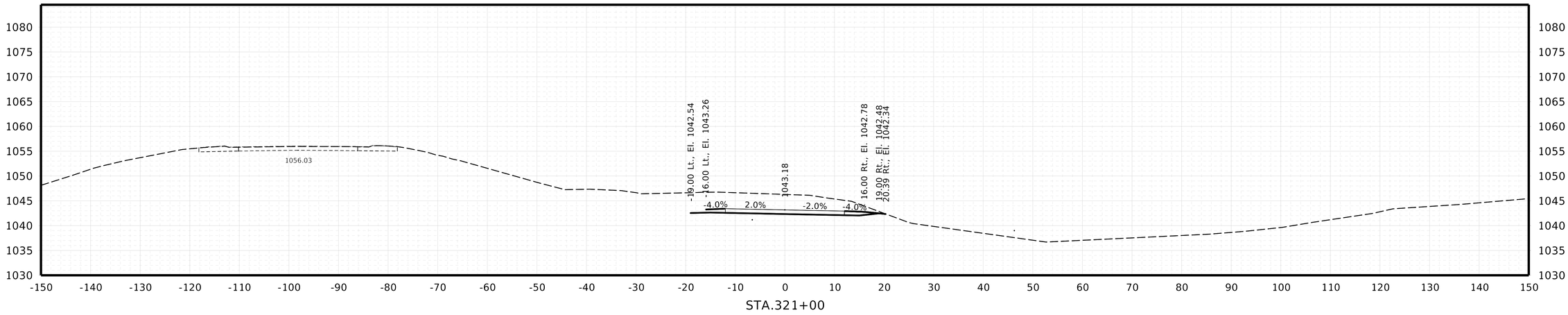
BURNS & MCDONNELL
ENGINEERING COMPANY, INC.
1010 N. 102nd Street, Suite 200
Omaha, NE 68114
Office: 402-408-3013
Nebraska C.O.A. #CA-0621

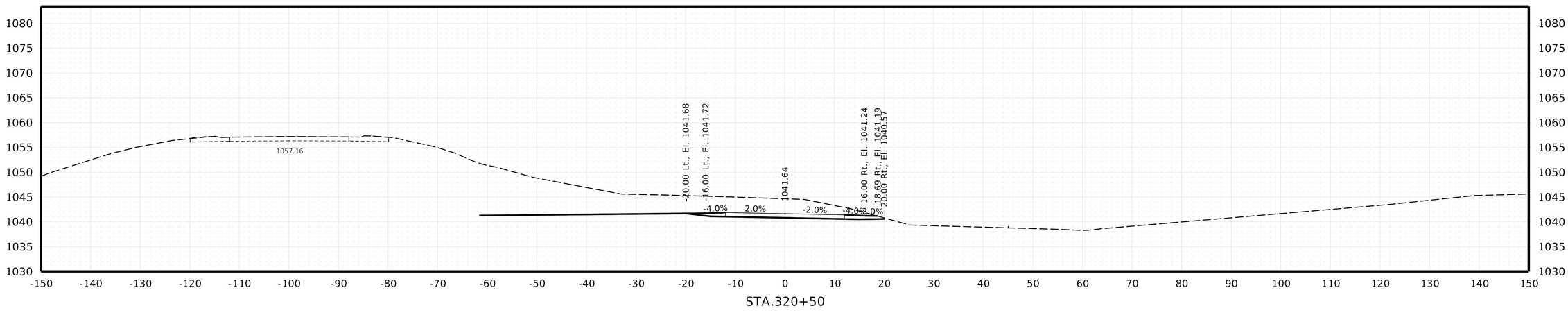
X61

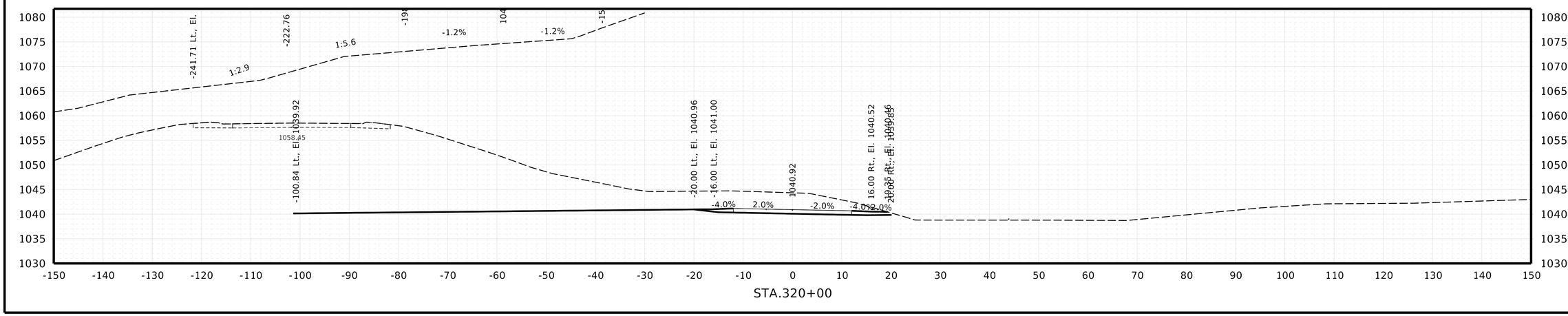
Project Number
51-7(109)

C.N. 32395

DECATUR BRIDGE







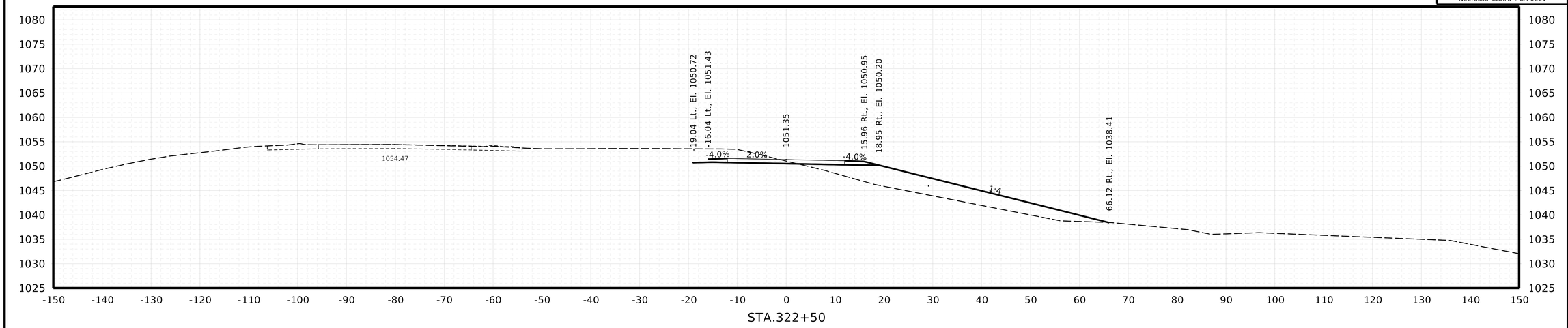
IDNR ACCESS ROAD
CROSS SECTIONS

NEBRASKA
Good Life. Great Journey.
DEPARTMENT OF TRANSPORTATION

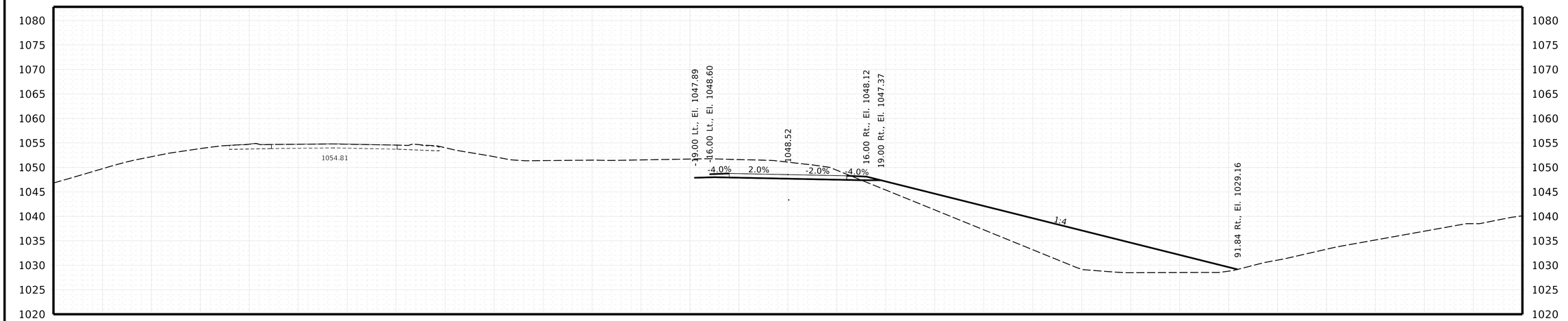
Roadway Design Division
1500 Nebraska Parkway
Lincoln, NE 68502
Office: 402-479-4601

★ NOT FINAL ★
PRELIMINARY PLAN
SUBJECT TO CHANGE

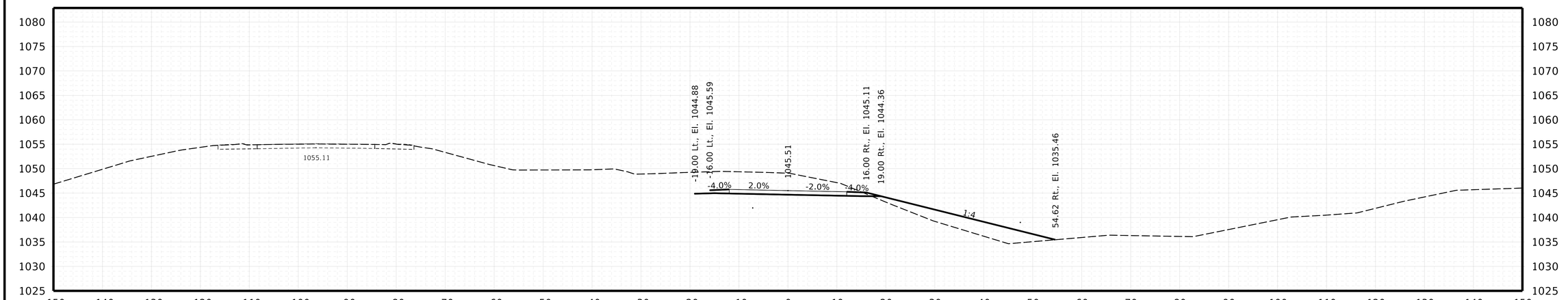
COMPUTER: B725141
DATE: 12-AUG-2025 16:45
FILE: 32395 Sheets X Sections_IDNR.dgn



STA.322+50



STA.322+00



STA.321+50

BURNS & MCDONNELL
ENGINEERING COMPANY, INC.
1010 N. 102nd Street, Suite 200
Omaha, NE 68114
Office: 402-408-3013
Nebraska C.O.A. #CA-0621

X62

Project Number
51-7(109)

C.N. 32395

DECATUR BRIDGE

IDNR ACCESS ROAD
CROSS SECTIONS

NEBRASKA
Good Life. Great Journey.
DEPARTMENT OF TRANSPORTATION

Roadway Design Division
1500 Nebraska Parkway
Lincoln, NE 68502
Office: 402-479-4601

* NOT FINAL *
PRELIMINARY PLAN
SUBJECT TO CHANGE

COMPUTER: B725141
DATE: 12-AUG-2025 16:45
FILE: 32395 Sheets X Sections_IDNR.dgn

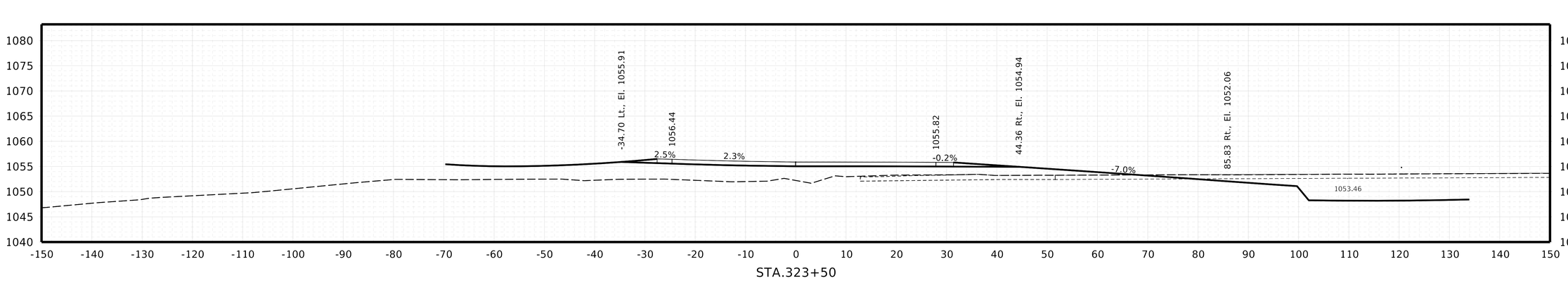
BURNS & MCDONNELL
ENGINEERING COMPANY, INC.
1010 N. 102nd Street, Suite 200
Omaha, NE 68114
Office: 402-408-3013
Nebraska C.O.A. #CA-0621

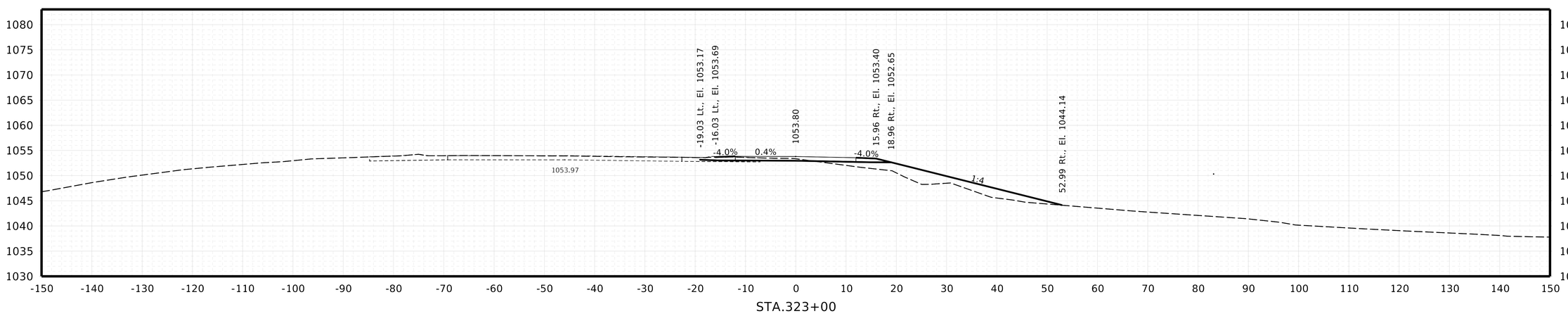
X63

Project Number
51-7(109)

C.N. 32395

DECATUR BRIDGE





IDNR ACCESS ROAD
CROSS SECTIONS

NEBRASKA
Good Life. Great Journey.
DEPARTMENT OF TRANSPORTATION

Roadway Design Division
1500 Nebraska Parkway
Lincoln, NE 68502
Office: 402-479-4601

* NOT FINAL *
PRELIMINARY PLAN
SUBJECT TO CHANGE

COMPUTER: B725141
DATE: 12-AUG-2025 16:45
FILE: 32395 Sheets X Sections_IDNR.dgn