MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
PLANS FOR PROPOSED
STATE HIGHWAY

PLATTE COUNTY

DESIGN DESIGNATION

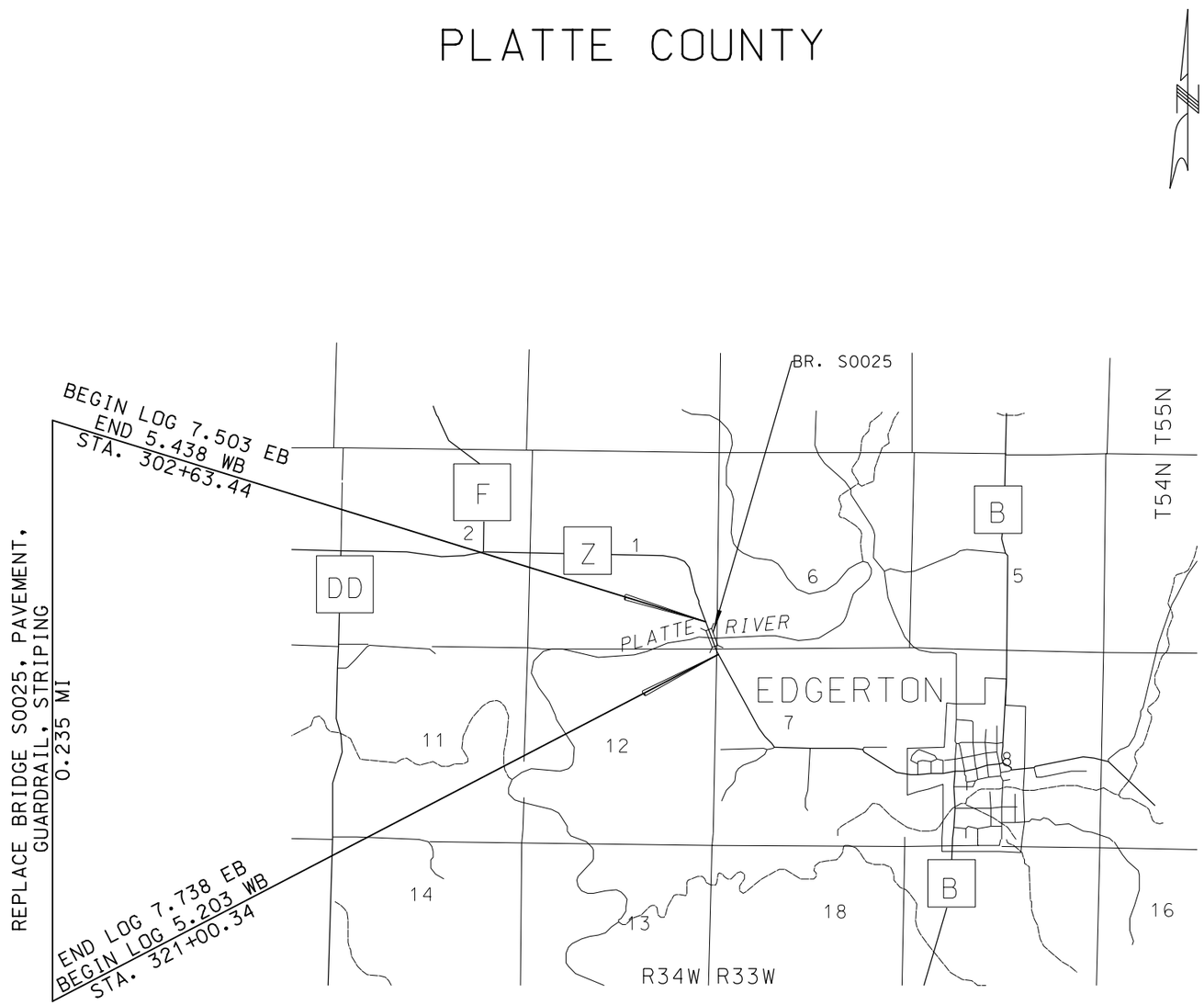
A.A.D.T. - 2024 = 842
A.A.D.T. - 2034 = 977
V = 55 M.P.H.
FUNCTIONAL CLASSIFICATION - MAJOR COLLECTOR

NO NEW RIGHT OF WAY TO BE ACQUIRED

CONVENTIONAL SYMBOLS
(USED IN PLANS)

	EXISTING	NEW
BUILDINGS AND STRUCTURES		
GUARD RAIL		
GUARD CABLE		
CONCRETE RIGHT-OF-WAY MARKER		
STEEL RIGHT-OF-WAY MARKER		
LOCATION SURVEY MARKER		
UTILITIES		
FIBER OPTICS	-FO-	~~FO~~
OVERHEAD CABLE TV	-OTV-	~~OTV~~
UNDERGROUND CABLE TV	-UTV-	~~UTV~~
OVERHEAD TELEPHONE	-OT-	~~OT~~
UNDERGROUND TELEPHONE	-UT-	~~UT~~
OVERHEAD POWER	-OE-	~~OE~~
UNDERGROUND POWER	-UE-	~~UE~~
SANITARY SEWER	-S-	~~S~~
STORM SEWER	-SS-	~~SS~~
GAS	-G-	~~G~~
WATER	-W-	~~W~~
MANHOLE	SAN	
FIRE HYDRANT	HYD	
WATER VALVE	WV	
WATER METER	WM	
DROP INLET	DI	
DITCH BLOCK		
GROUND MOUNTED SIGN	SIGN	
LIGHT POLE		
H-FRAME POWER POLE		
TELEPHONE PEDESTAL	PED	
FENCE		
CHAIN LINK	-V-	
WOVEN WIRE	-X-	
GATE POST		
BENCHMARK	BM	

NOTE: DASHED OR OPEN SYMBOLS INDICATE EXISTING FEATURES



NOT TO SCALE

THE EXISTENCE AND APPROXIMATE LOCATION OF UTILITY FACILITIES KNOWN TO EXIST, AS SHOWN ON THE PLANS, ARE BASED ON THE BEST INFORMATION AVAILABLE TO THE COMMISSION AT THIS TIME. THIS INFORMATION IS PROVIDED BY THE COMMISSION "AS-IS" AND THE COMMISSION EXPRESSLY DISCLAIMS ANY REPRESENTATION OR WARRANTY AS TO THE COMPLETENESS, ACCURACY, OR SUITABILITY OF THE INFORMATION FOR ANY USE. RELIANCE UPON THIS INFORMATION IS DONE AT THE RISK AND PERIL OF THE USER, AND THE COMMISSION SHALL NOT BE LIABLE FOR ANY DAMAGES THAT MAY ARISE FROM ANY ERROR IN THE INFORMATION. IT IS, THEREFORE, THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY THE EXISTENCE, LOCATION AND STATUS OF ANY FACILITY. SUCH VERIFICATION INCLUDES DIRECT CONTACT WITH THE LISTED UTILITIES.

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PLAN-PROFILE (PP)	3-17
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REFERENCE POINTS (RP)	XX-XX
COORDINATE POINTS (CP)	XX-XX
SPECIAL SHEETS (SS)	XX-XX
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Δ####	XX-XX
Δ####	XX-XX
Δ####	XX-XX
Δ####	XX-XX
CROSS SECTIONS (XS)	1-3

LENGTH OF PROJECT

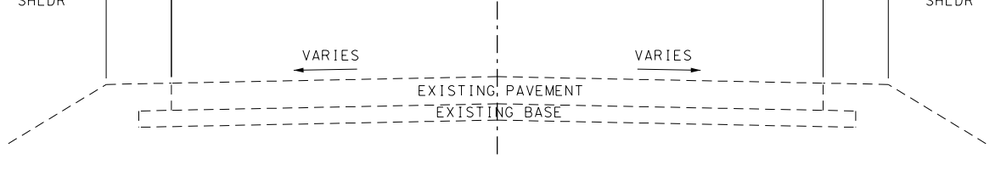
BEGINNING OF PROJECT	STA.	302 + 63.44	
END OF PROJECT	STA.	321 + 00.34	
APPARENT LENGTH		1836.90	FEET
EQUATIONS AND EXCEPTIONS:			
TOTAL CORRECTIONS		0.00	FEET
NET LENGTH OF PROJECT		1836.90	FEET
STATE LENGTH		0.348	MILES
FOR INFORMATION ONLY ESTIMATED DISTURBED ACRES		0.0	ACRES

DATE PREPARED	1/9/2023
ROUTE	Z
STATE	MO
DISTRICT	KC
SHEET NO.	1
COUNTY	PLATTE
JOB NO.	J4S3454
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DATE	DESCRIPTION

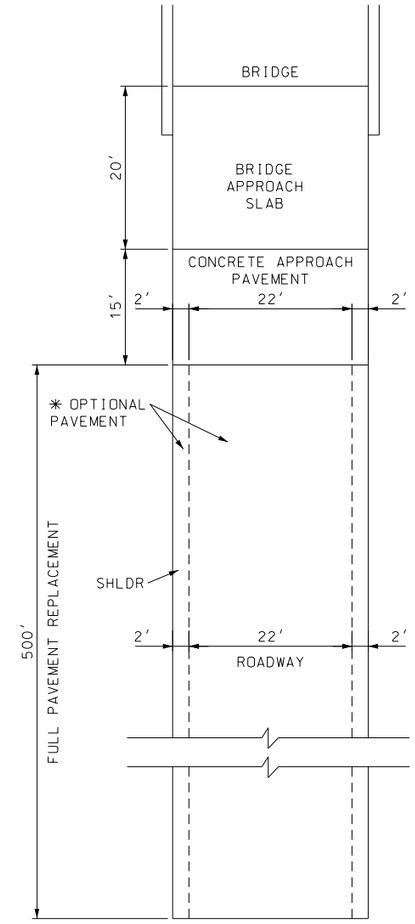
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

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

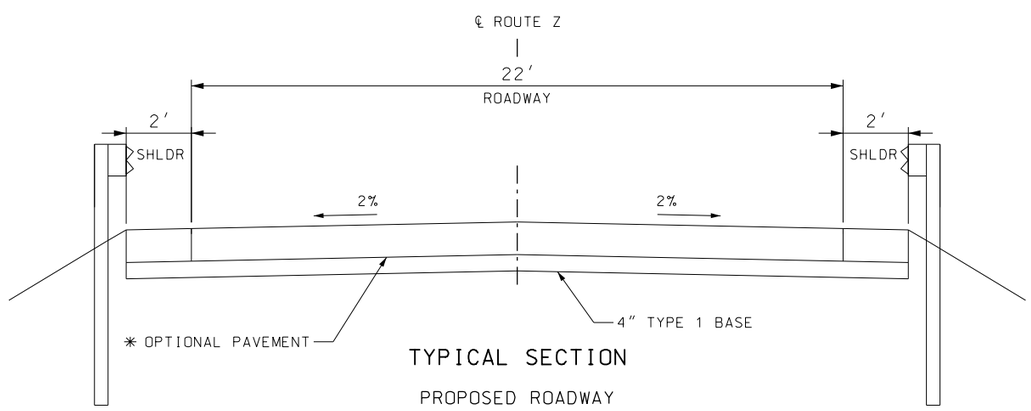


TYPICAL SECTION

EXISTING ROADWAY



PAVEMENT TRANSITION
AT BRIDGE ENDS



TYPICAL SECTION

PROPOSED ROADWAY

✳ OPTIONAL PAVEMENT:
10″ HMA
8″ JPCP

NOT TO SCALE

TYPICAL SHEET
SHEET 1 OF 1

DATE PREPARED	1/5/2023
ROUTE	Z
STATE	MO
DISTRICT	KC
SHEET NO.	2
COUNTY	PLATTE
JOB NO.	J4S3454
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DESCRIPTION	DATE

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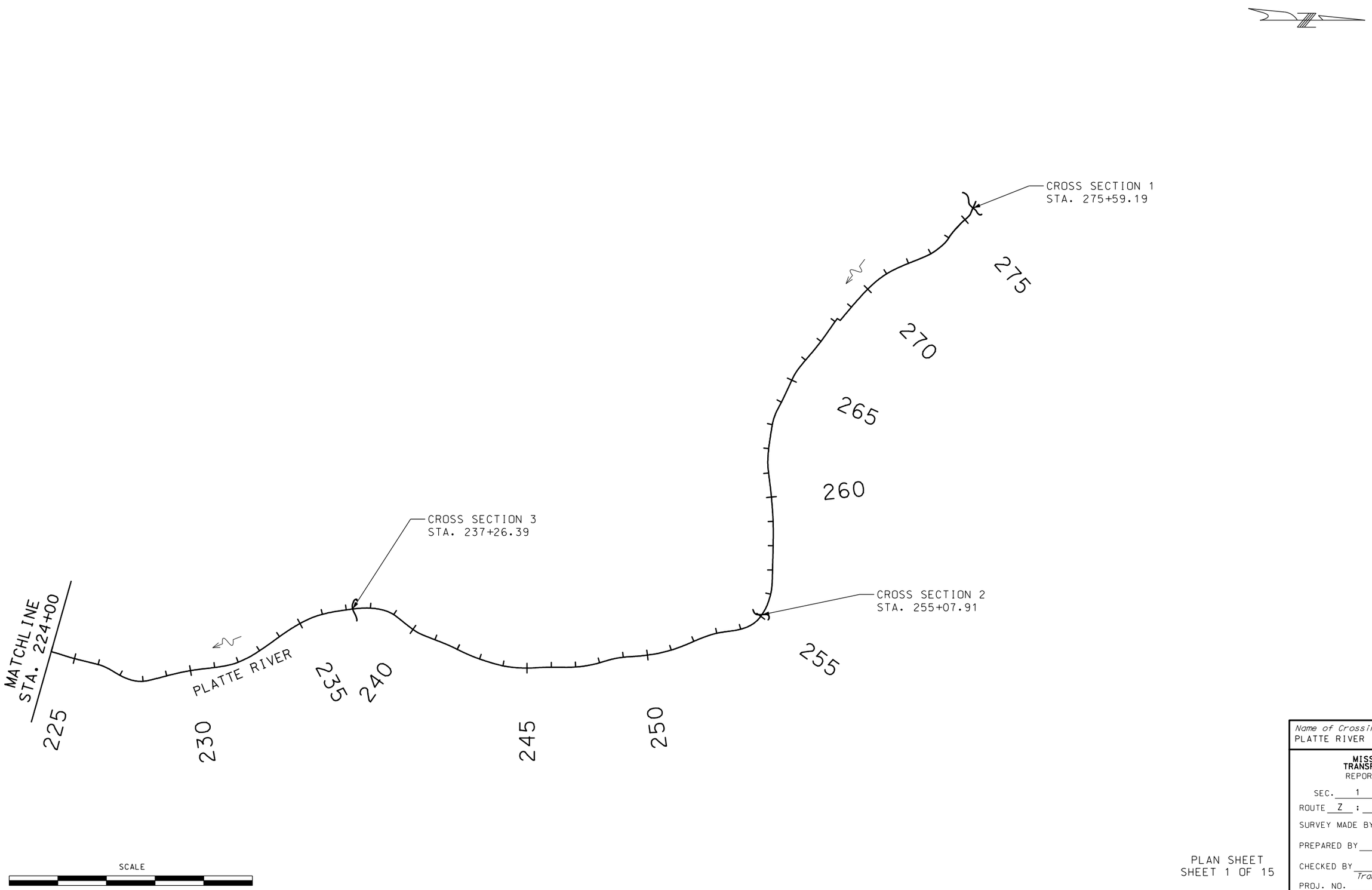
PLAN



PLAN SHEET
SHEET 1 OF 15

Name of Crossing
PLATTE RIVER

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
REPORT OF BRIDGE SURVEY

SEC. 1 T. 54 R. 34
ROUTE Z ; PLATTE COUNTY
SURVEY MADE BY RENAISSANCE INFRASTRUCTURE CONSULTING
PREPARED BY HANNA SIHAMAYA
CHECKED BY HEATHER BARROWS
Transportation Project Manager
PROJ. NO. STA. 311+82.50
JOB NO. J4S3454 BRIDGE NO. S0025

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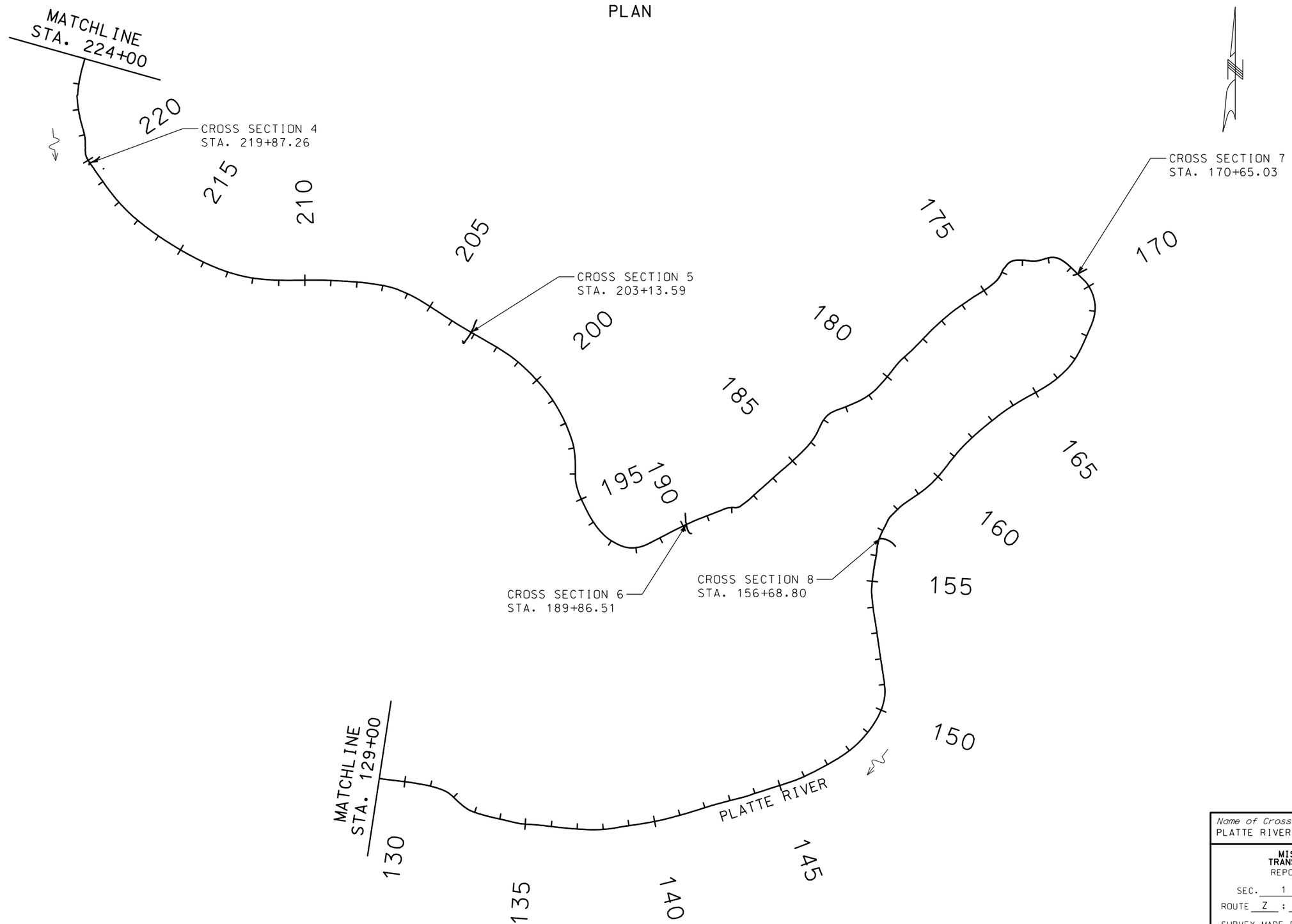
PLAN



SCALE

0 200 400 600 800 1000

PLAN SHEET
SHEET 2 OF 15

Name of Crossing
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ROUTE Z : PLATTE COUNTY

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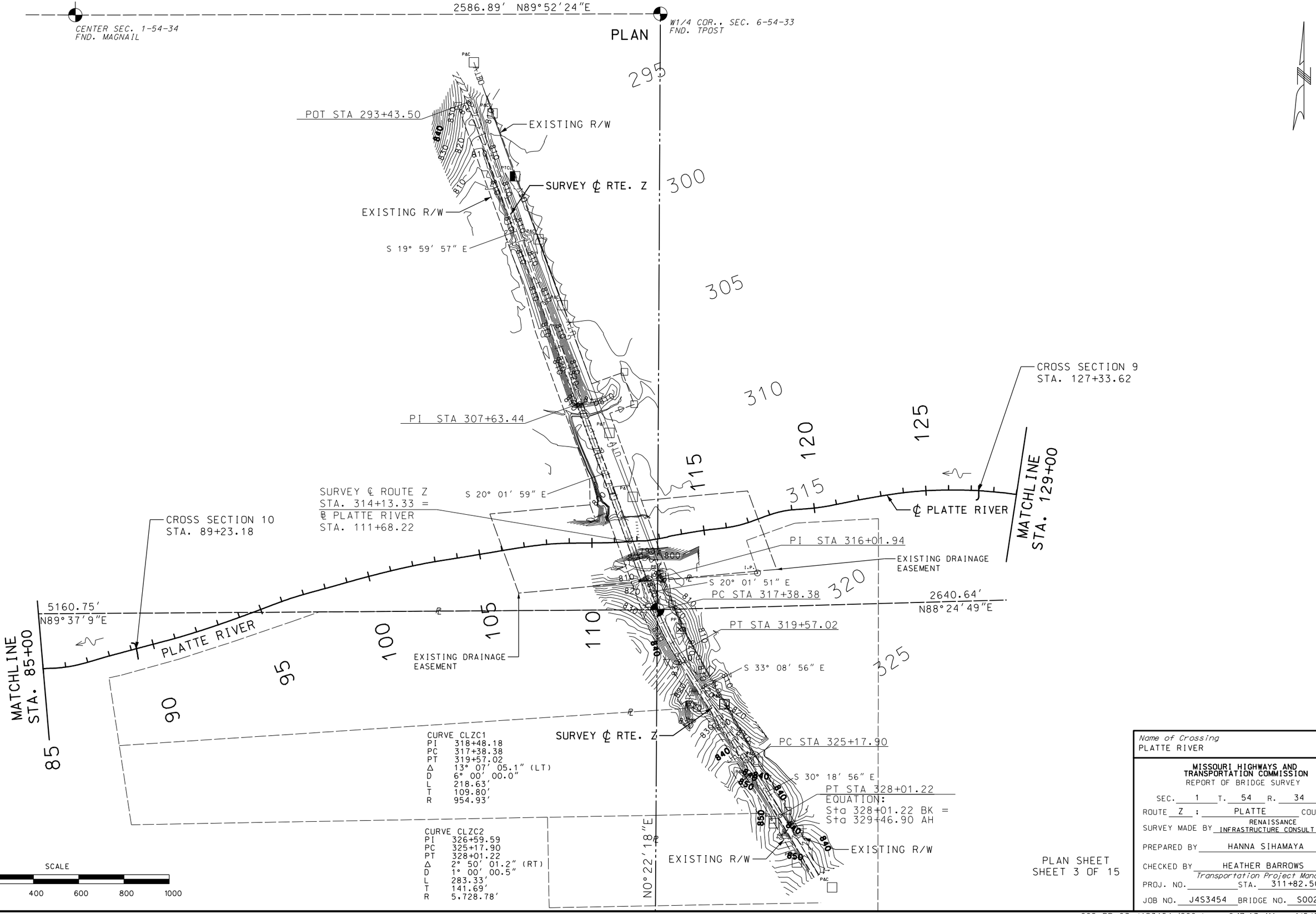

PLAN SHEET
SHEET 3 OF 15

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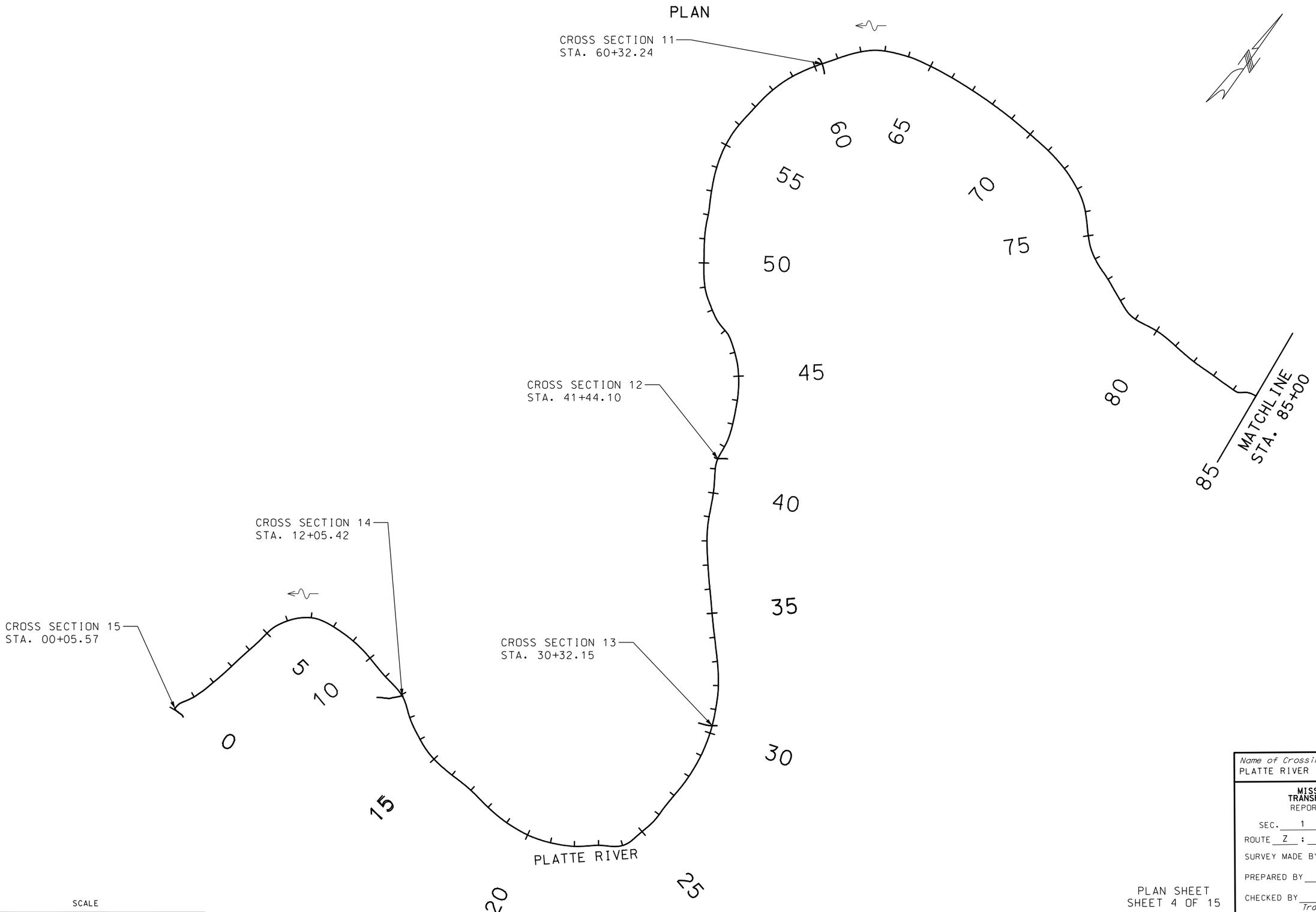

PLAN SHEET
SHEET 4 OF 15

Name of Crossing
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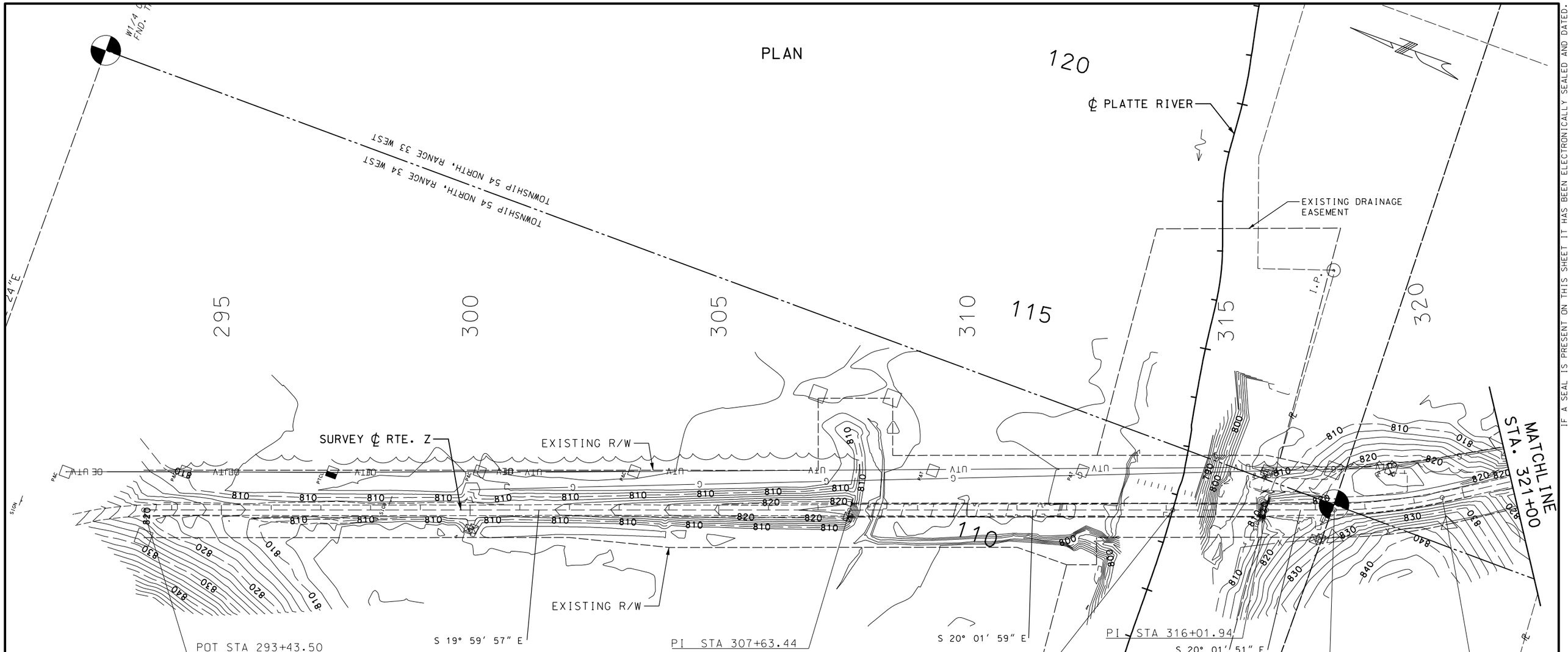
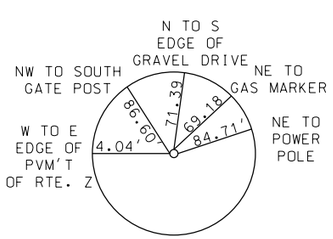
PLAN



CURVE CLZC1

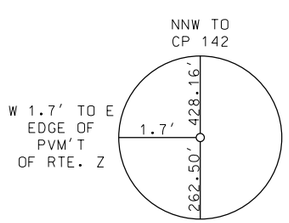
PI	318+48.18
PC	317+38.38
PT	319+57.02
Δ	13° 07′ 05.1″ (LT)
D	6° 00′ 00.0″
L	218.63′
T	109.80′
R	954.93′

REFERENCE POINT 142
SET 0.5″ IRON BAR WITH
2″ ALUMINUM CAP
STA. 300+75.76
OFF. 14.38 LT



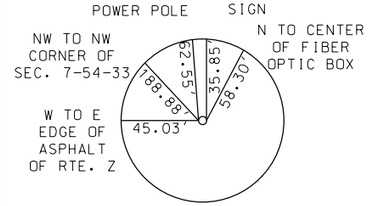
MODIFIED STATE PLANE
N: 1220465.622
E: 2744106.651
ELEV: 812.38

REFERENCE POINT 152
SET OF 0.5″ IRON BAR WITH
2″ ALUMINUM CAP
STA. 305+03.98
OFF. 11.57 LT



MODIFIED STATE PLANE
N: 1220062.256
E: 2744250.464
ELEV: 819.72

REFERENCE POINT 125
SET 0.5″ IRON BAR WITH
2″ ALUMINUM CAP
STA. 319+27.66
OFF. 57.74 LT



MODIFIED STATE PLANE
N: 1218758.347
E: 2744793.573
ELEV: 825.41

SET 0.5″ IRON BAR WITH
2″ ALUMINUM CAP
WEST 45.03′ TO EAST
EDGE OF ASPHALT OF RTE. Z

SCALE
0 100 200 300 400 500

PLAN SHEET
SHEET 5 OF 15

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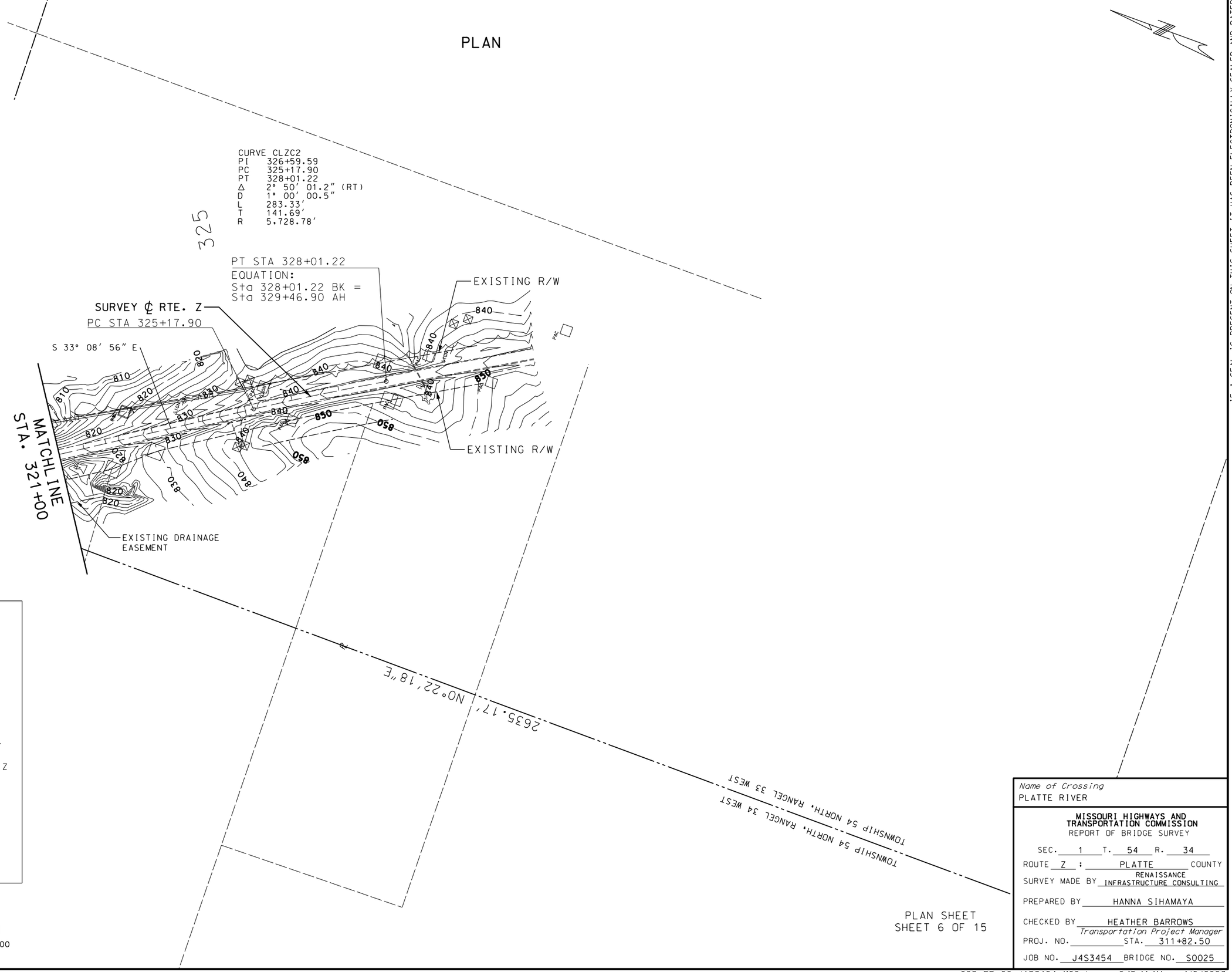

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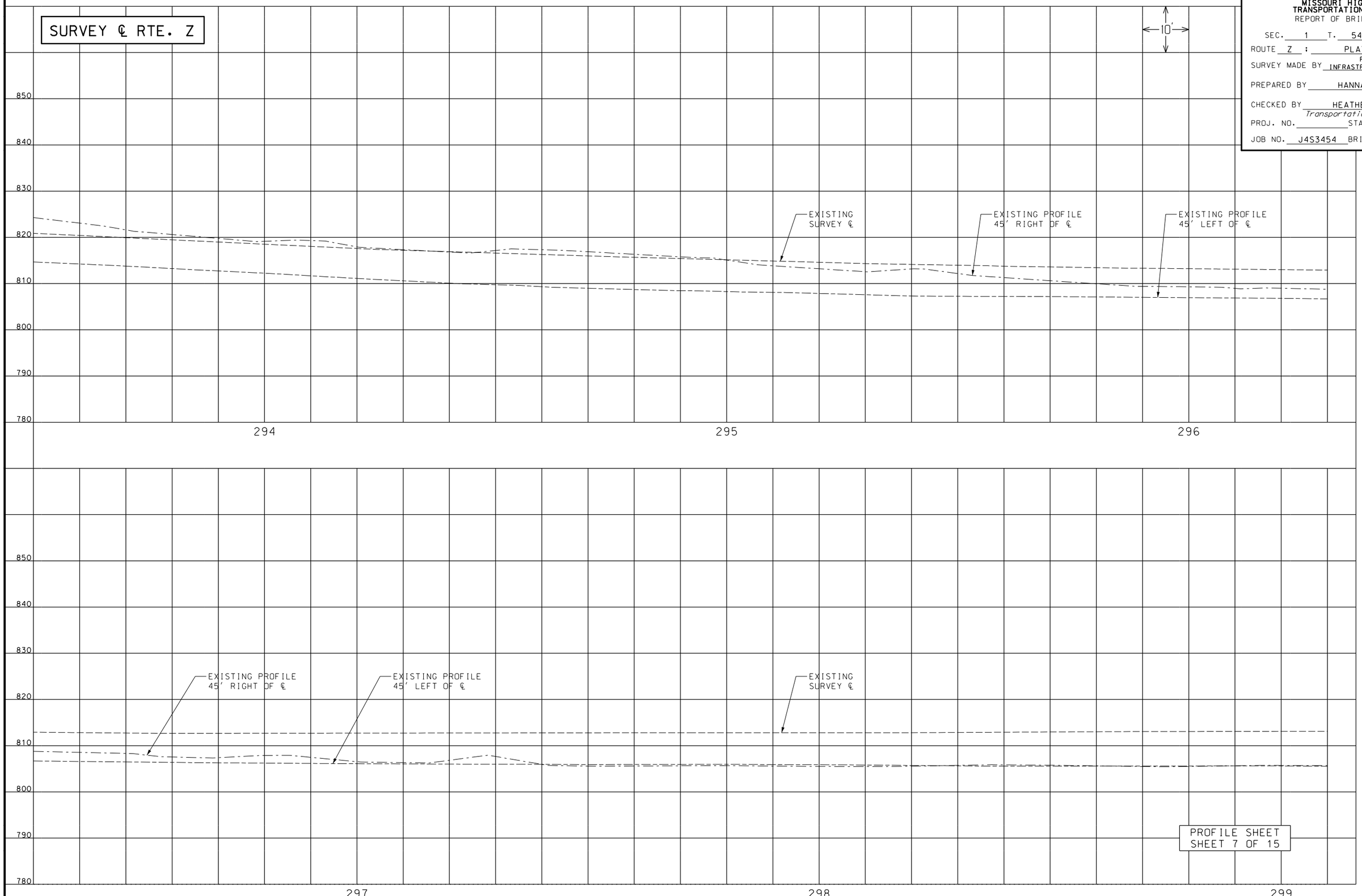

PROFILE SHEET
SHEET 7 OF 15

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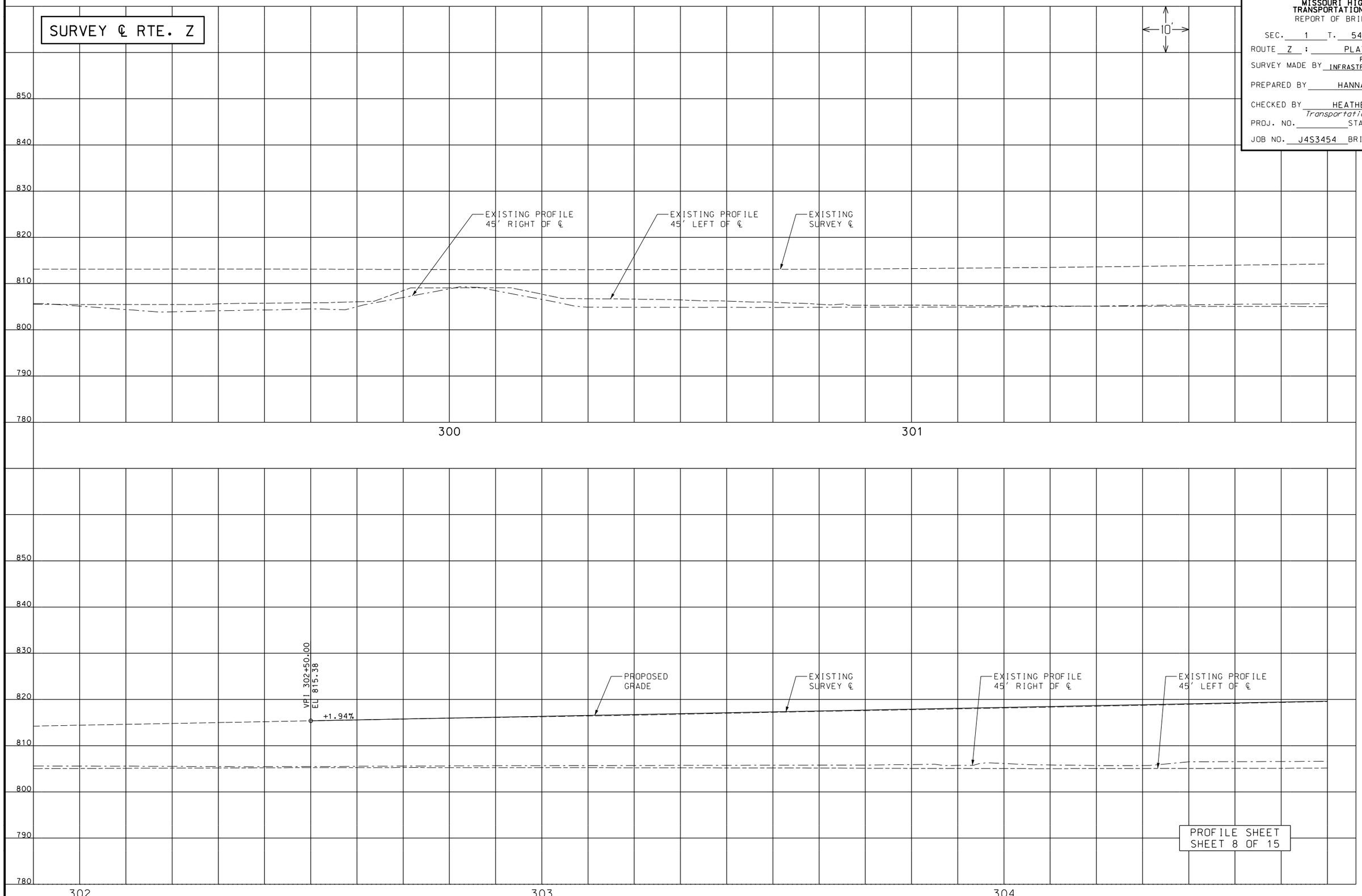

PROFILE SHEET
SHEET 8 OF 15

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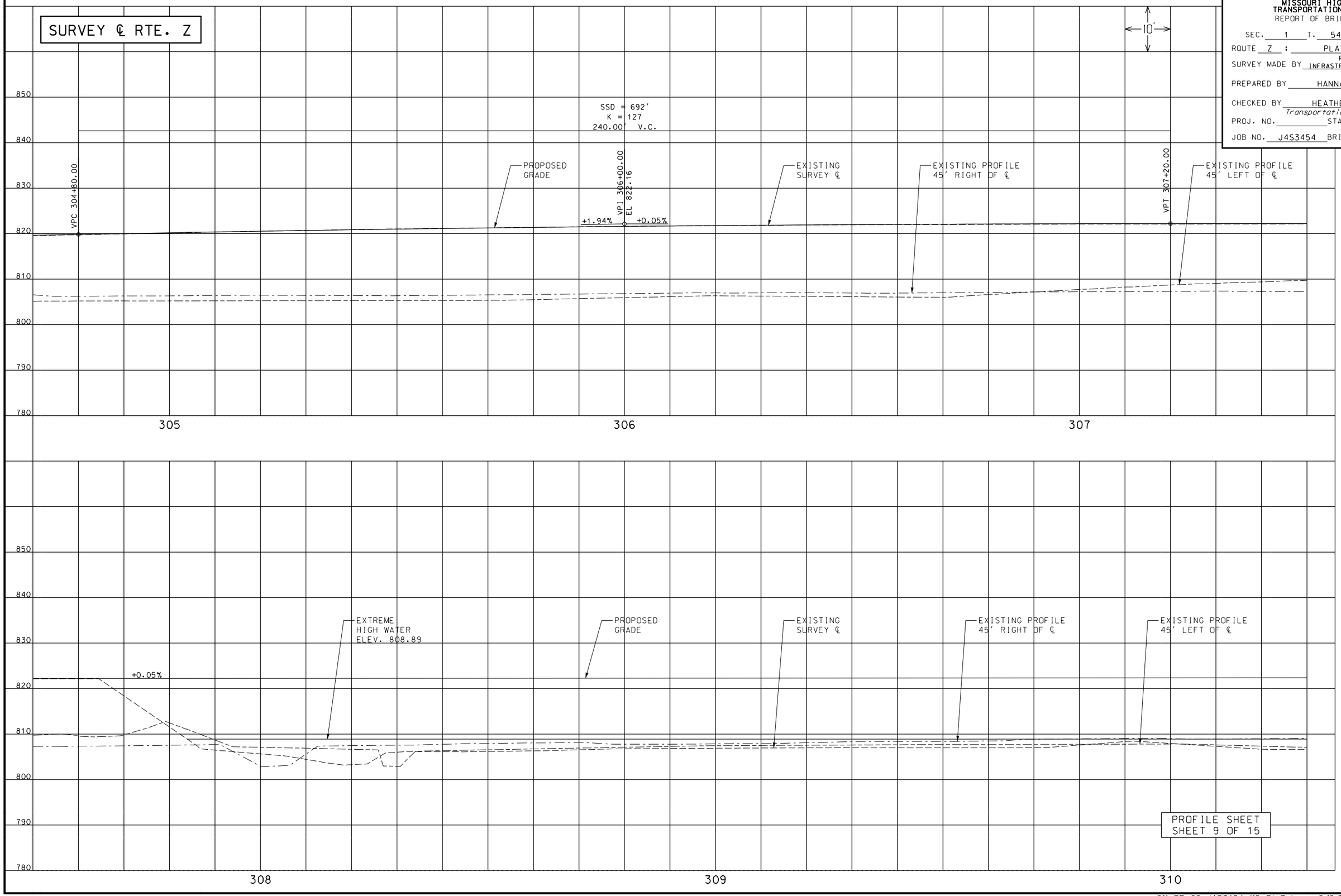

PROFILE SHEET
SHEET 9 OF 15

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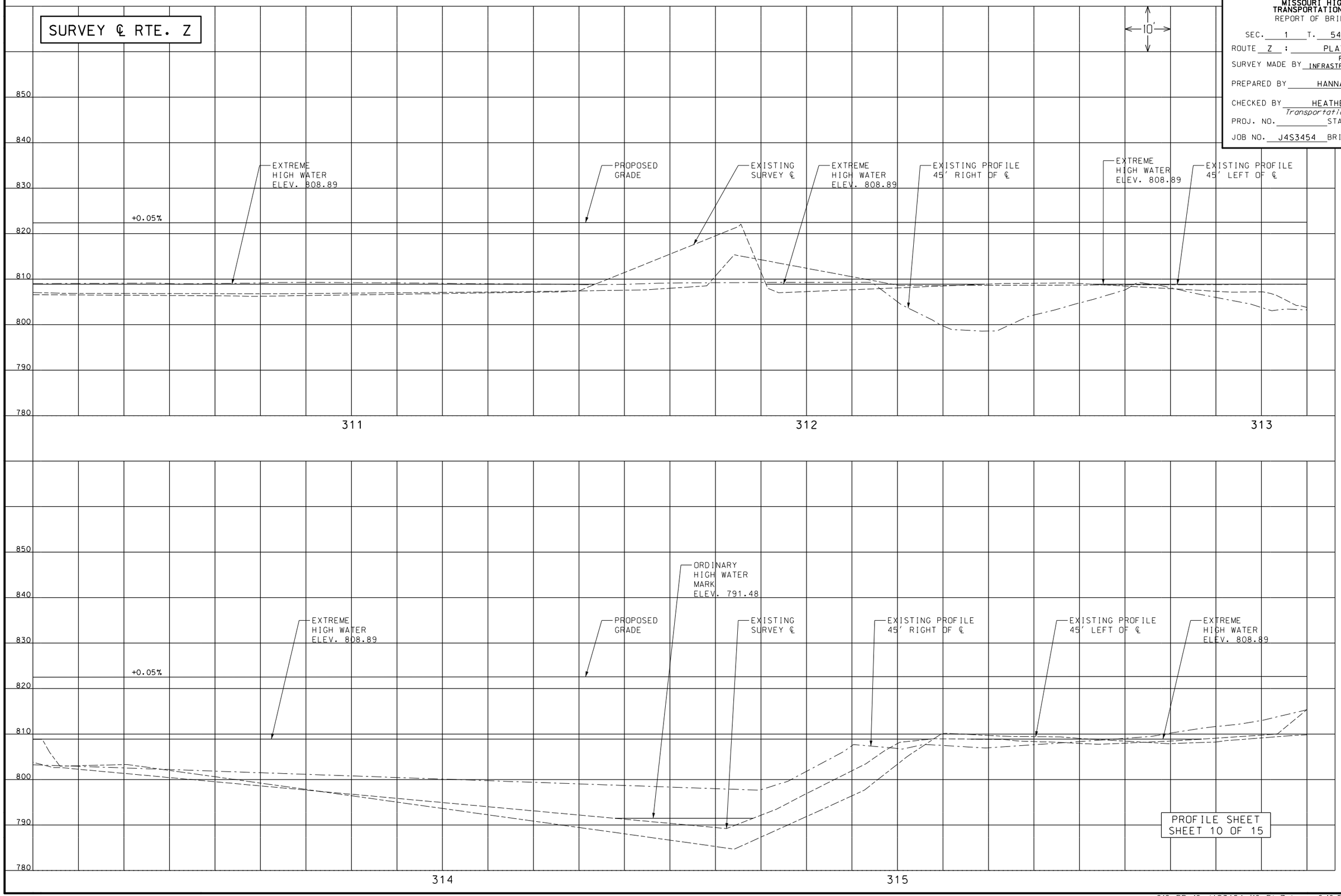

PROFILE SHEET
SHEET 10 OF 15

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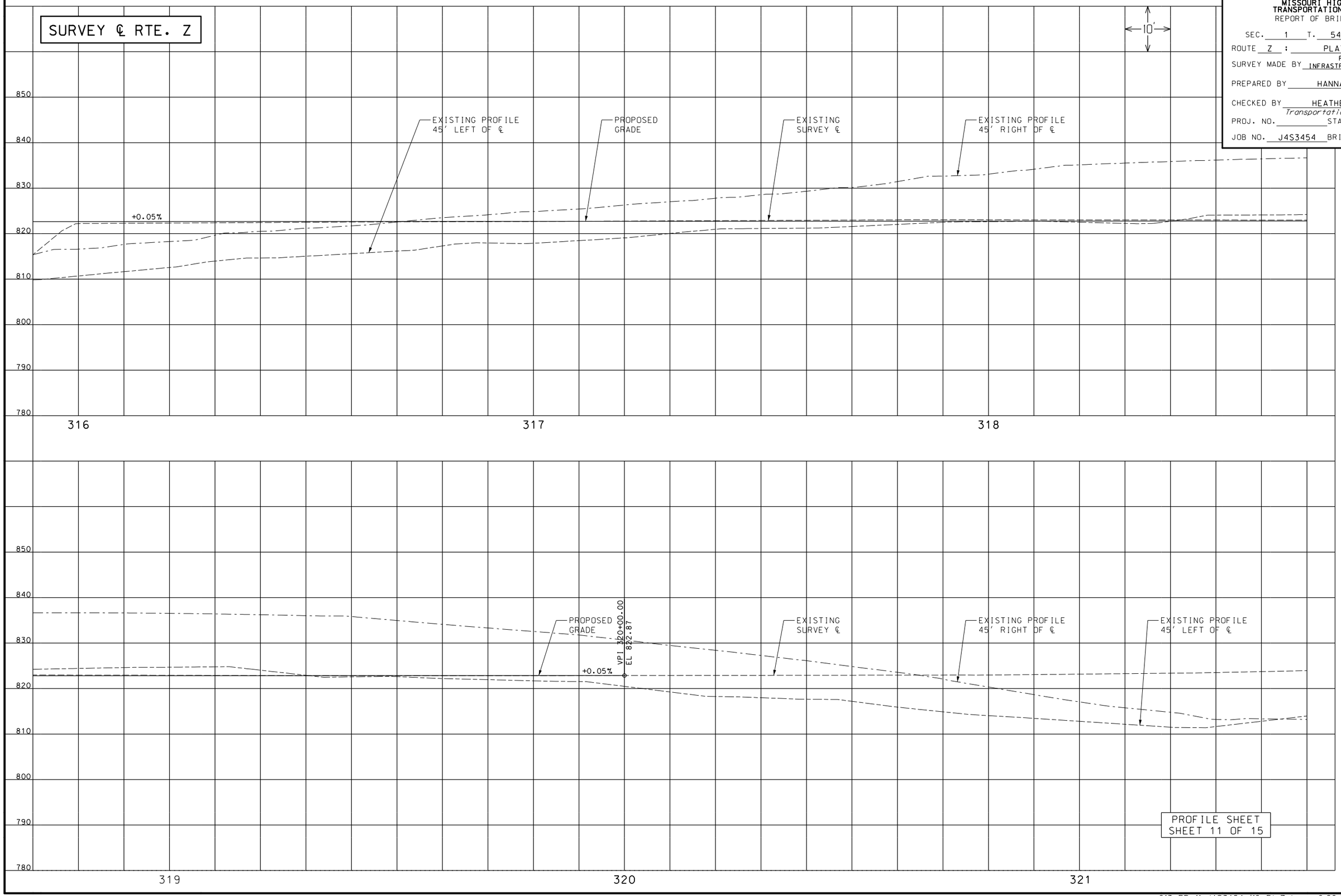

PROFILE SHEET
SHEET 11 OF 15

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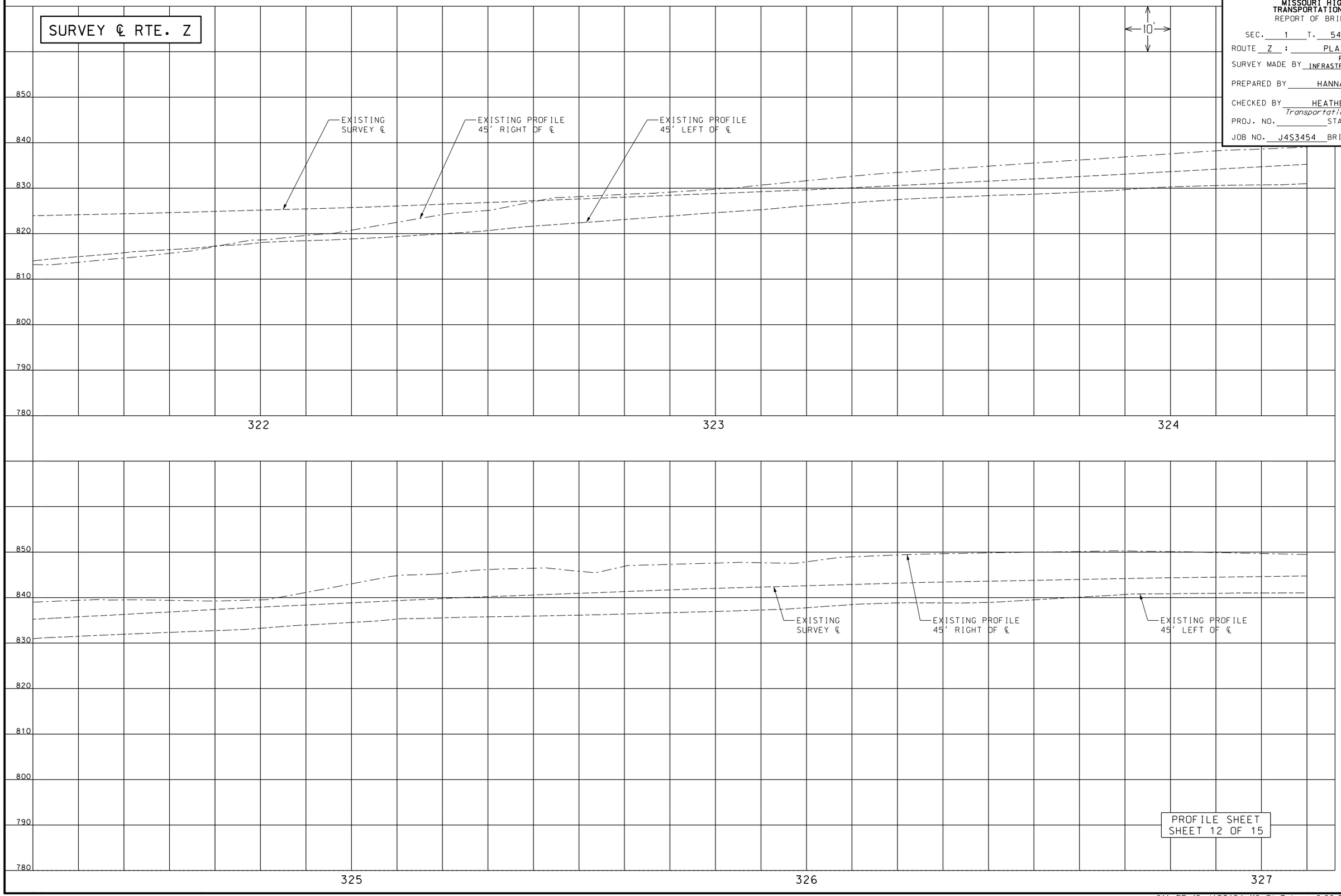

PROFILE SHEET
SHEET 12 OF 15

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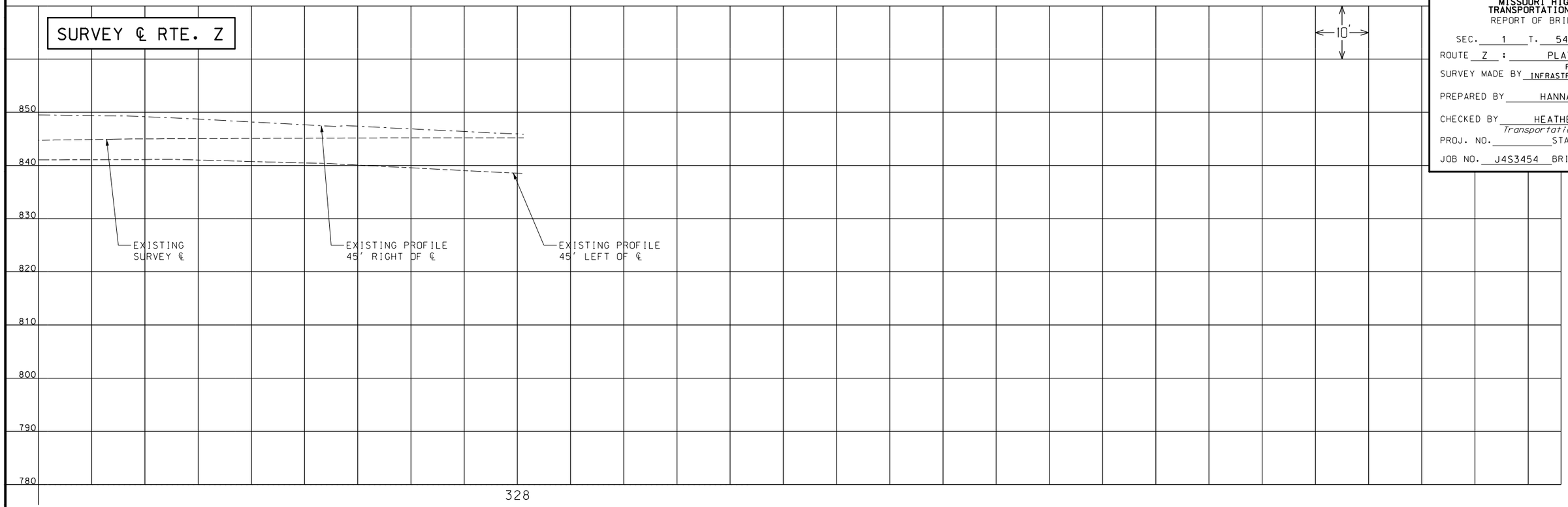

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PROFILE SHEET
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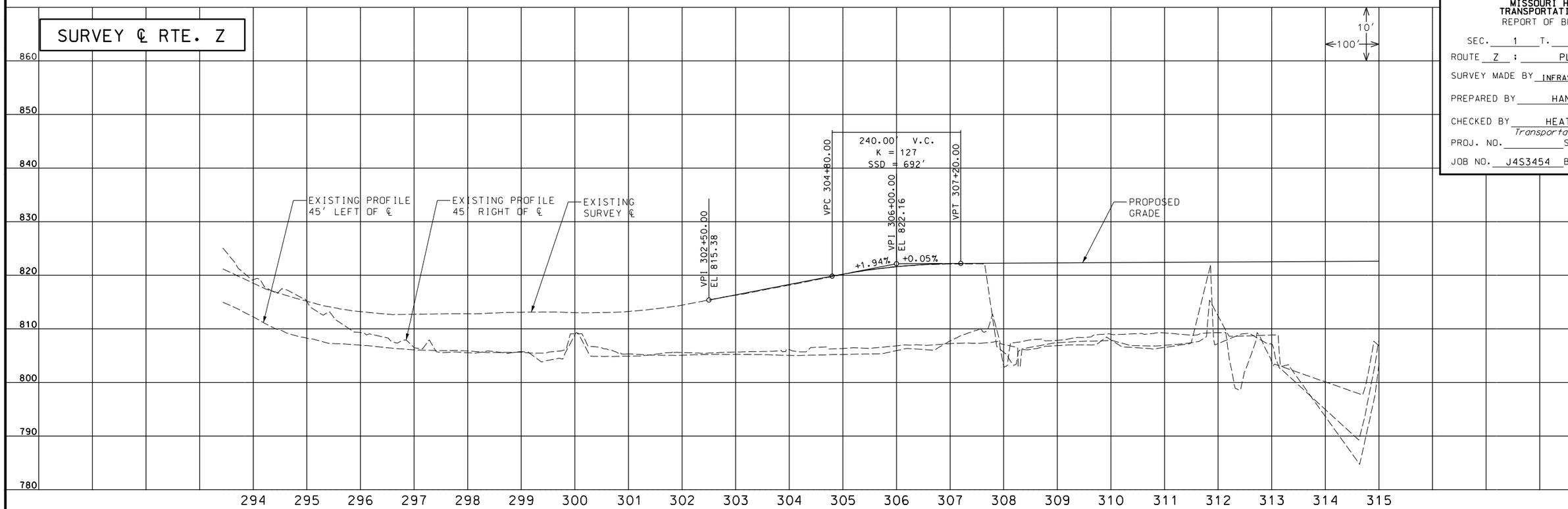

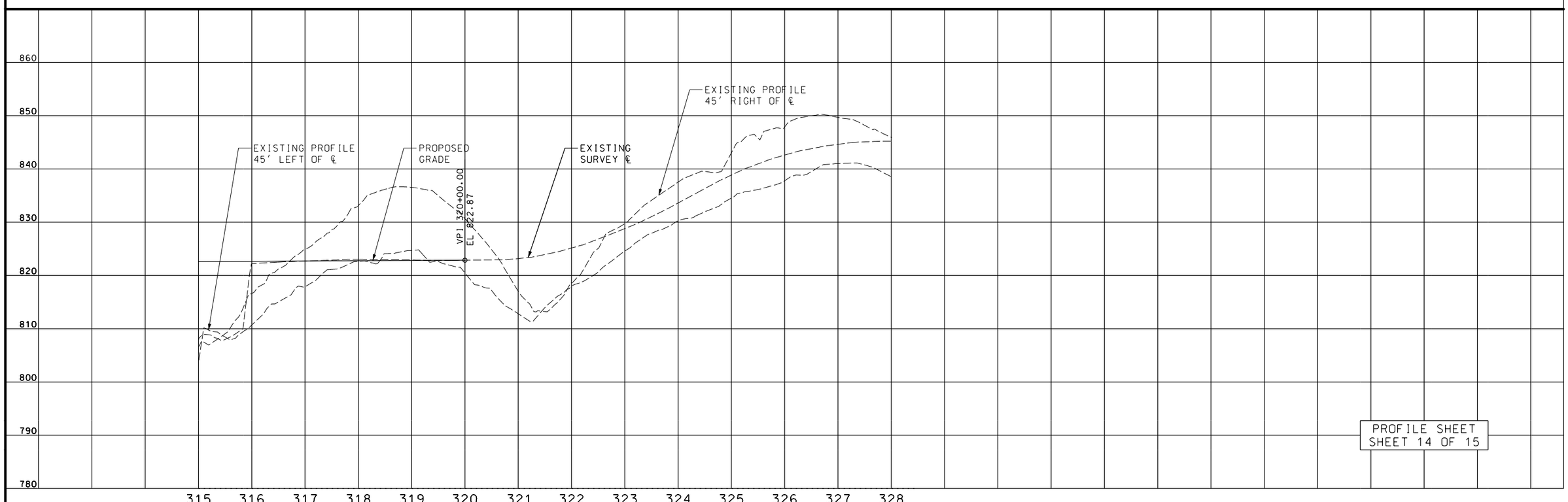

PROFILE SHEET
SHEET 14 OF 15

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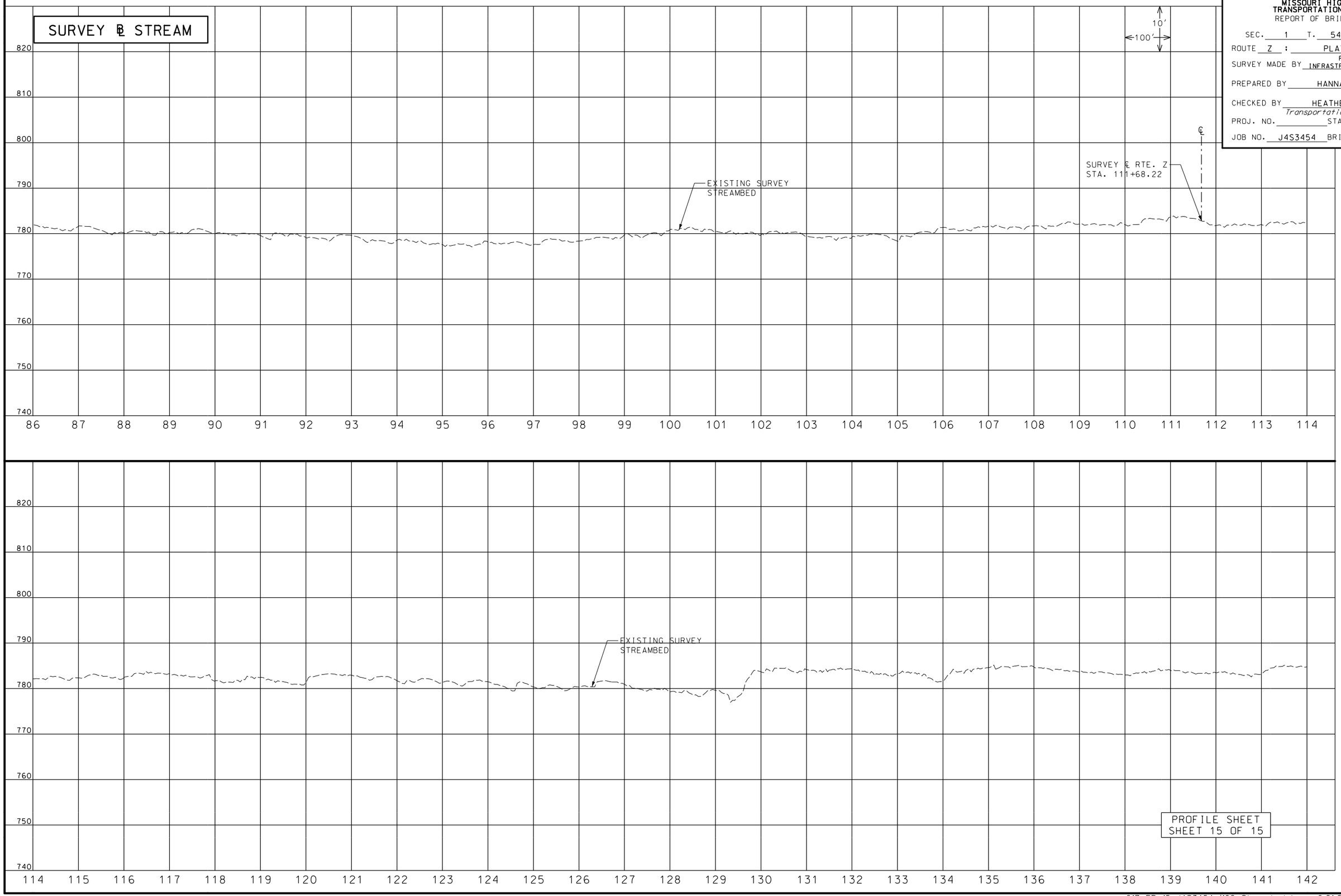
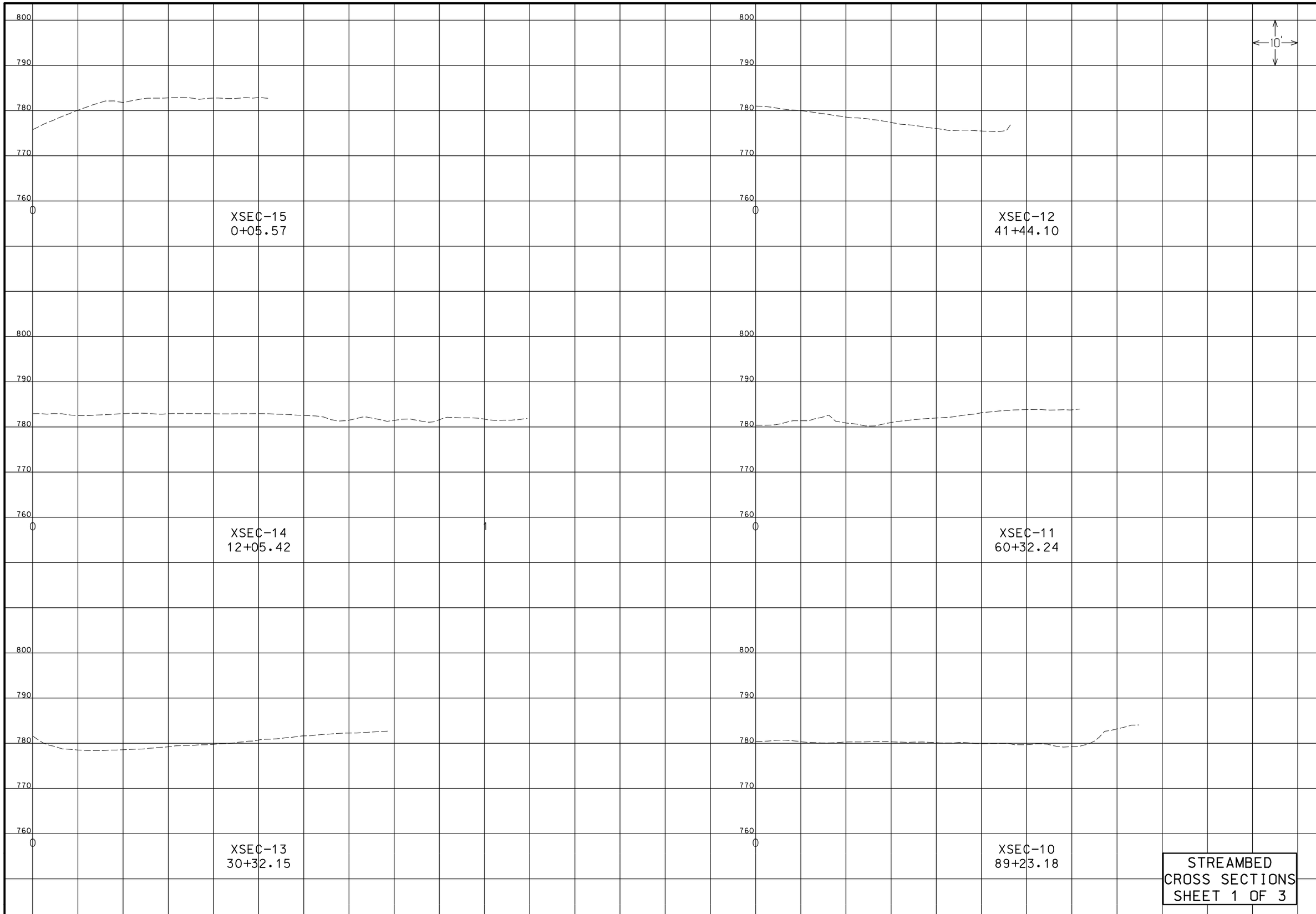


PROFILE SHEET
SHEET 15 OF 15

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



STREAMBED
CROSS SECTIONS
SHEET 1 OF 3

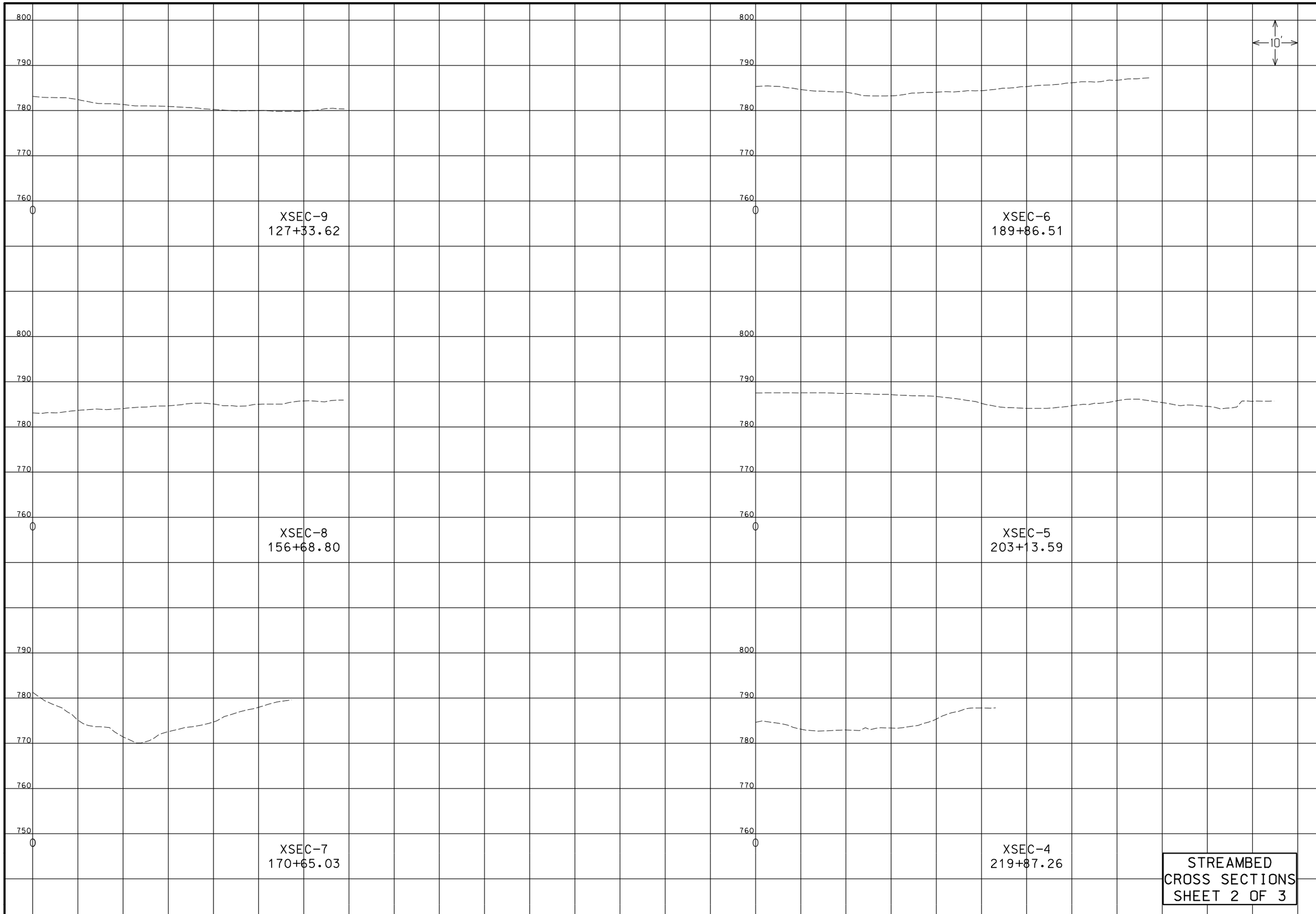
DATE PREPARED	1/5/2023
ROUTE	Z
STATE	MO
DISTRICT	KC
SHEET NO.	1
COUNTY	PLATTE
JOB NO.	J4S3454
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

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



STREAMBED
CROSS SECTIONS
SHEET 2 OF 3

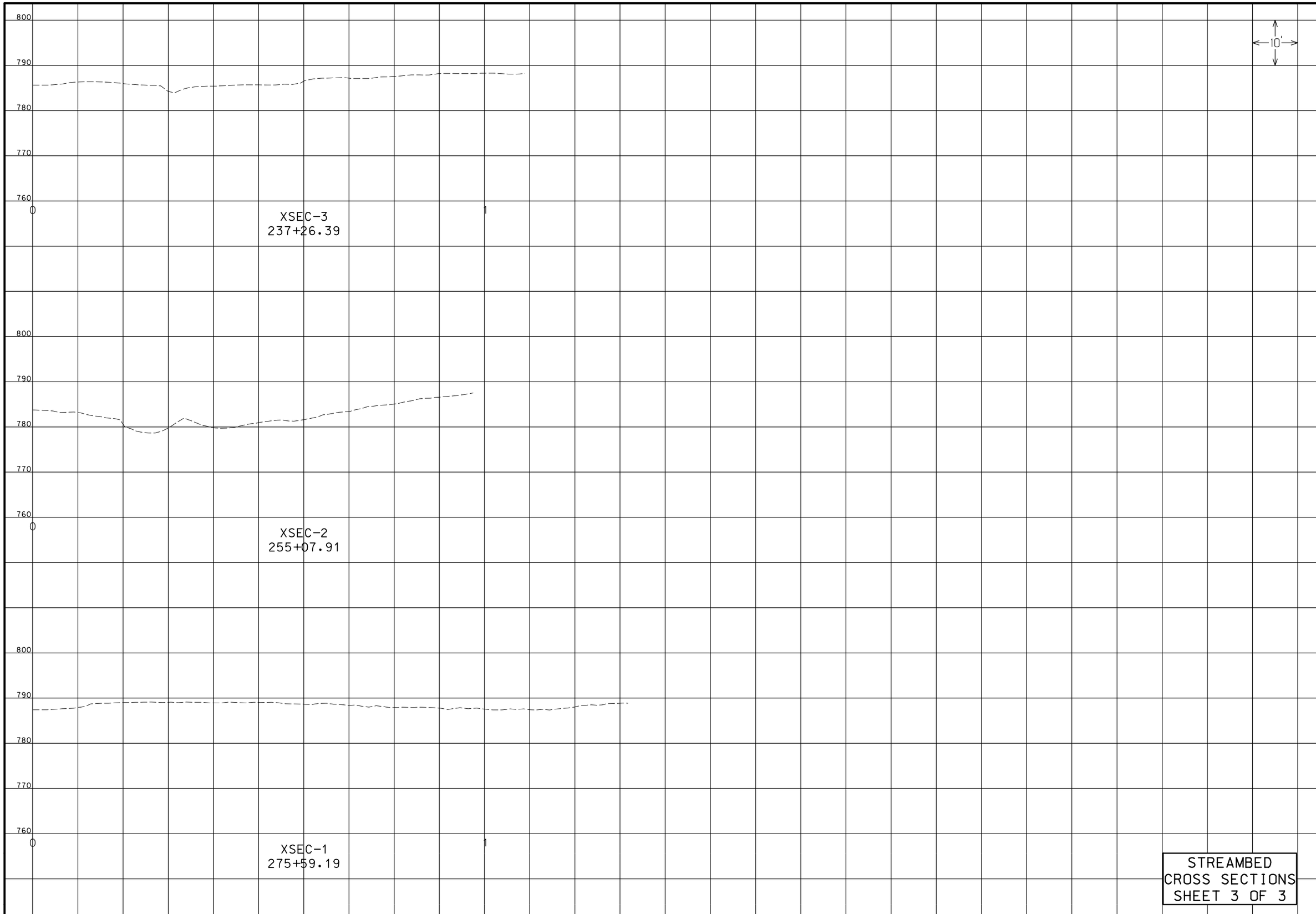
DATE PREPARED	1/5/2023
ROUTE	Z
STATE	MO
DISTRICT	KC
SHEET NO.	2
COUNTY	PLATTE
JOB NO.	J4S4354
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

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



STREAMBED
CROSS SECTIONS
SHEET 3 OF 3

DATE PREPARED	1/5/2023
ROUTE	Z
STATE	MO
DISTRICT	KC
SHEET NO.	3
COUNTY	PLATTE
JOB NO.	J4S4354
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

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