

UTILITY CONTACTS: 1-800-DIG-RITE

TELEPHONE - AT&T
122 N. SECOND ST.
FESTUS, MO 63028
OFFICE: 636-931-7525

GAS - SPIRE - BRIAN LANGENBACHER
4118 SHREWSBURY AVE.
SHREWSBURY, MO 63119
OFFICE: 314-768-7767

ELECTRIC - AMEREN - BRIAN FLIER
6450 HWY. MM
HOUSE SPRINGS, MO 63051
OFFICE: 636-332-7261

WATER - JEFFERSON
COUNTY PWSD C-1 - ERIK DEVORE
P.O. BOX 910
IMPERIAL, MO 63052
OFFICE: 636-467-6868

FIBER OPTIC - CENTURY LINK
1151 CENTURYTEL DR.
P.O. BOX 751
WENTZVILLE, MO 63385
OFFICE: 636-332-7261

SEWER - GLAIZE CREEK - LOGAN GRASS
7026 HIGHWAY 61/67
BARNHART, MO 63012
OFFICE: 636-464-3230

GRAPHIC / SYMBOL LEGEND (USED IN PLANS)

DESCRIPTION	EXISTING	NEW
RIGHT-OF-WAY		
PROPERTY LINE		
PERMANENT UTILITY EASEMENT		
PERMANENT DRAINAGE EASEMENT		
TEMPORARY CONSTRUCTION EASEMENT		
UTILITY POLE (TYPE SPECIFIED)		
UNDERGROUND CONDUIT OR CABLE (TYPE SPECIFIED)		
T-TELEPHONE P-POWER TV-TELEVISION		
OVERHEAD UTILITY LINE (TYPE SPECIFIED)		
T-TELEPHONE OH-POWER W-WATER		
LIGHT STANDARD		
TRAFFIC PULL BOX		
GAS LINE		
GAS VALVE		
WATER LINE		
WATER SERVICE VALVE		
WATER METER		
FIRE HYDRANT		
SANITARY SEWER		
STORM SEWER		
SEWER MANHOLE		
GRATED INLET		
CURB INLET/ AREA INLET		
CURB INLET (MULTIPLE UNIT)		
IDENT. OF NEW OR MOD. SANITARY STRUCTURE		
IDENT. OF NEW OR MOD. STORM STRUCTURE		
PIPE WITH HEADWALLS		
DRAINAGE V-DITCH (SODDED)		
DRAINAGE FLAT BOTTOM DITCH (SODDED)		
DRAINAGE V-DITCH (PAVED)		
DRAINAGE FLAT BOTTOM DITCH (PAVED)		
CONSTRUCTION LIMITS		
CONCRETE PAVEMENT		
ASPHALTIC CONCRETE PAVEMENT		
PAVEMENT REMOVAL		
TREE OR SHRUB		
HEDGE		
FENCE		
SIGN		
BUILDING		
MAILBOX (MB)		
TO BE REMOVED		(TBR)
TO BE ABANDONED		(TBA)
USE IN PLACE		(UIP)
TO BE REMOVED AND REPLACED		(TBR&R)
TO BE REMOVED AND RELOCATED		(TBR&REL)
ADJUST TO GRADE		(ATG)
TO BE REMOVED AND REPLACED BY OTHERS		(TBR&RELBO)
TO BE ABANDONED AND FILLED		(TBA&F)
ADJUST TO GRADE BY OTHERS		(ATGBO)
CUT CROSS		CROSS
FOUND CROSS		OCR
FOUND IRON PIPE		OIP
FOUND IRON ROD		OIR
FOUND STONE		OST
SET P.K. NAIL		PK
SET IRON PIPE		SIP
DO NOT DISTURB		(DND)
MANHOLE		MH
BENCHMARK		BM
REFERENCE POINT		△

SPECIAL NOTE TO CONTRACTOR(S):

EXISTING UNDERGROUND AND ABOVE-GRADE FACILITIES, STRUCTURES, AND UTILITIES HAVE BEEN PLOTTED ON THESE CONTRACT DOCUMENTS BASED ON THE INFORMATION AND SURVEYS AVAILABLE AT THE TIME OF DRAWING PREPARATION. THE LOCATIONS OF THESE FEATURES MUST, THEREFORE, BE CONSIDERED APPROXIMATE, ONLY. IN ADDITION, THERE MAY BE OTHER FACILITIES, STRUCTURES, AND UTILITIES WHICH DID NOT EXIST (OR THE EXISTENCE OF WHICH WAS NOT KNOWN) AT THE TIME OF DRAWING PREPARATION. IT IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR(S) TO HAVE ALL EXISTING FACILITIES, STRUCTURES, AND UTILITIES LOCATED IN THE FIELD PRIOR TO ANY EXCAVATION OR CONSTRUCTION ACTIVITY, AND TO PROTECT ALL SUCH FEATURES (EXCEPT THOSE SPECIFICALLY NOTED FOR REMOVAL OR DEMOLITION) DURING CONSTRUCTION.

JEFFERSON COUNTY MISSOURI

JASON JONAS, P.E.
DIRECTOR OF PUBLIC WORKS

OLD HIGHWAY M SAFETY IMPROVEMENTS FEDERAL PROJECT NUMBER: STP-5445(605)

RIGHT-OF-WAY PLANS



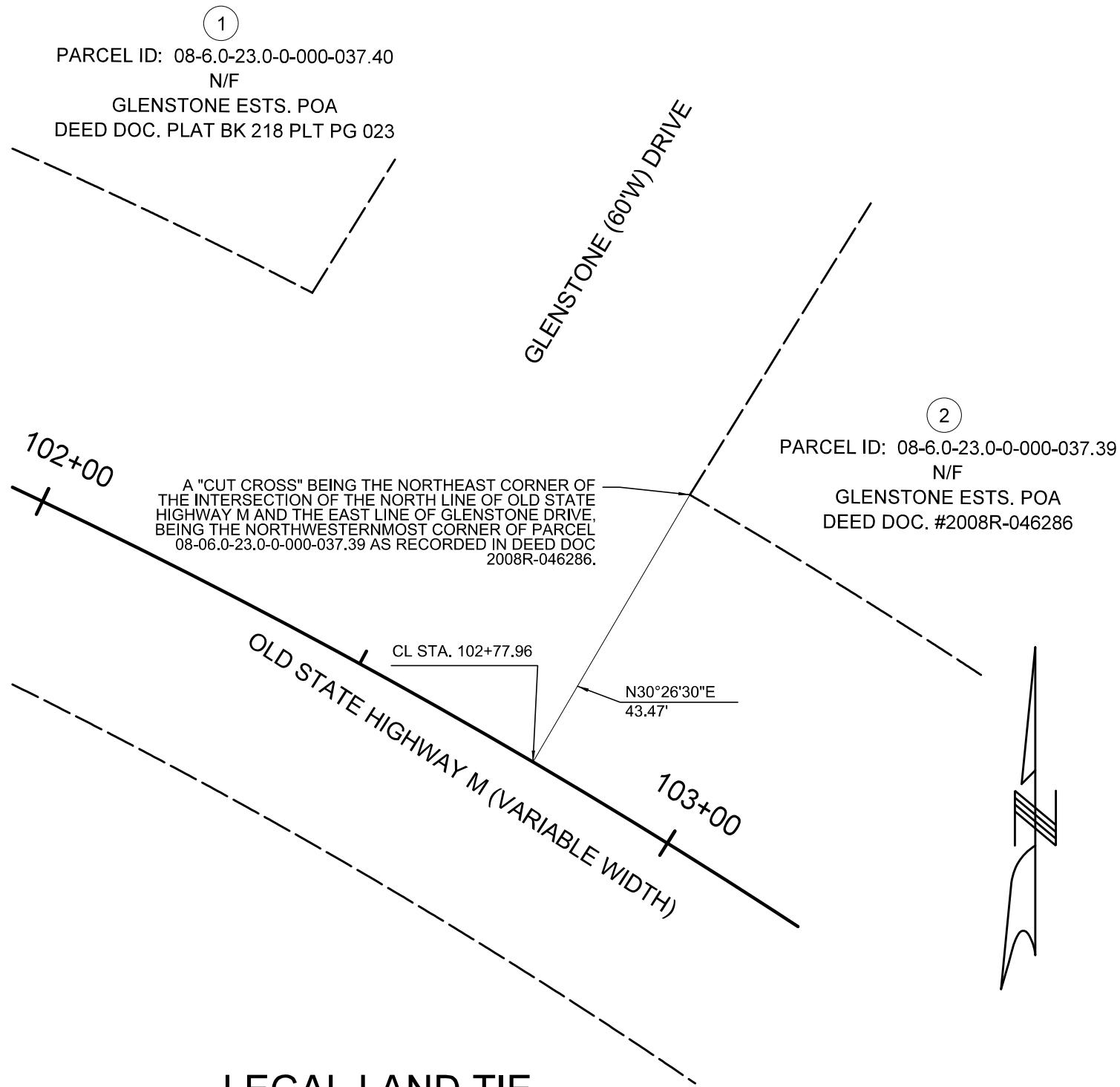
VICINITY MAP
NOT TO SCALE

SECTION 23, TOWNSHIP 42 NORTH, RANGE 5 EAST

PREPARED JULY 14, 2025

INDEX OF SHEETS

DESCRIPTION	SHEET
TITLE SHEET	1
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LEGAL LAND TIE

DESIGN DESIGNATION

FUNCTIONAL CLASSIFICATION	MINOR COLLECTOR
CURRENT POSTED SPEED	45 MPH
DESIGN SPEED	45 MPH
CURRENT ADT	1637
FUTURE ADT (2040)	1772
TRUCK PERCENTAGE	3.5%

LENGTH OF PROJECT

BEGINNING OF PROJECT	STA. 103+20.28
END OF PROJECT	STA. 136+54.75
APPARENT LENGTH	3334.47 FEET

TOTAL CORRECTIONS	0.0
NET LENGTH OF PROJECT	3334.47 FEET

DESIGN CRITERIA USED:
AASHTO, MODOT AND JEFFERSON COUNTY

APPROVED BY:
JEFFERSON COUNTY, MISSOURI

JASON JONAS, P.E.
DIRECTOR OF PUBLIC WORKS

DATE

ENGINEER'S SEAL

PRELIMINARY

DATE PREPARED
7/14/2025

ROUTE OLD M	STATE MO
DISTRICT	SHEET NO. 1

COUNTY
JEFFERSON

JOB NO.
2303500

CONTRACT ID.

PROJECT NO.
STP-5445(605)

BRIDGE NO.

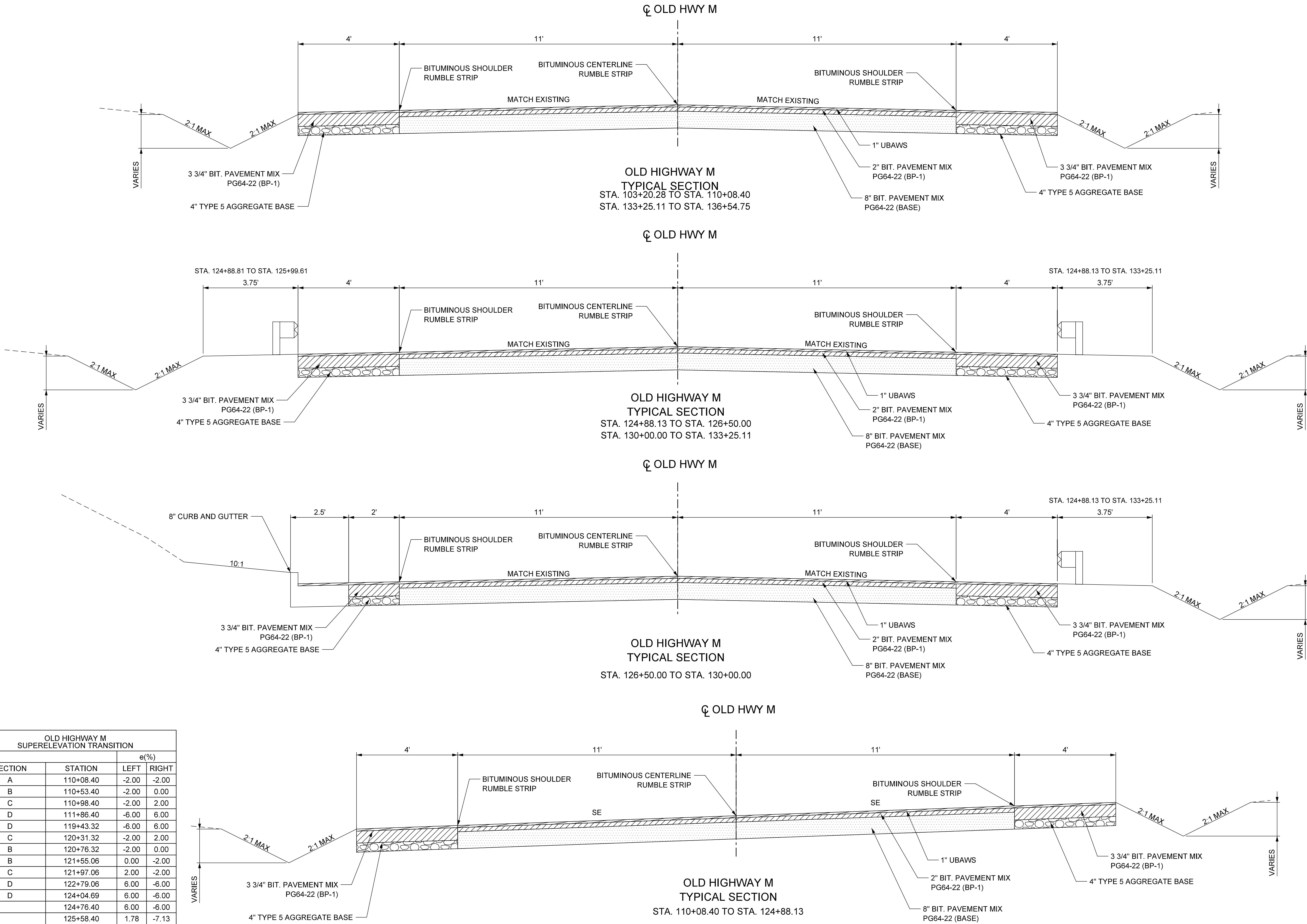
DESCRIPTION

DATE

JEFFERSON COUNTY, MISSOURI
MAPLE STREET ANNEX
725 MAPLE STREET
P.O. BOX 100
HILLSBORO, MO 63050
636-797-5340
www.jeffcomo.org

HORNER

OLD HIGHWAY M SUPERELEVATION TRANSITION				
		e(%)		
SECTION	STATION	LEFT	RIGHT	
A	110+08.40	-2.00	-2.00	
B	110+53.40	-2.00	0.00	
C	110+98.40	-2.00	2.00	
D	111+86.40	-6.00	6.00	
D	119+43.32	-6.00	6.00	
C	120+31.32	-2.00	2.00	
B	120+76.32	-2.00	0.00	
B	121+55.06	0.00	-2.00	
C	121+97.06	2.00	-2.00	
D	122+79.06	6.00	-6.00	
D	124+04.69	6.00	-6.00	
	124+76.40	6.00	-6.00	
	125+58.40	1.78	-7.13	



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DISTRICT

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MO

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2

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HORNOR
SHIFFRIN

401 S. 18TH ST. STE. 400 ST. LOUIS, MO 63103
314-531-4321 • FAX 314-531-6969
WWW.HORNORSHIFFRIN.COM
DISCIPLINE: PROFESSIONAL ENGINEERING
CERTIFICATE OF AUTHORITY: 000159
EXPIRATION DATE: DECEMBER 31, 2026

TYPICAL SECTIONS

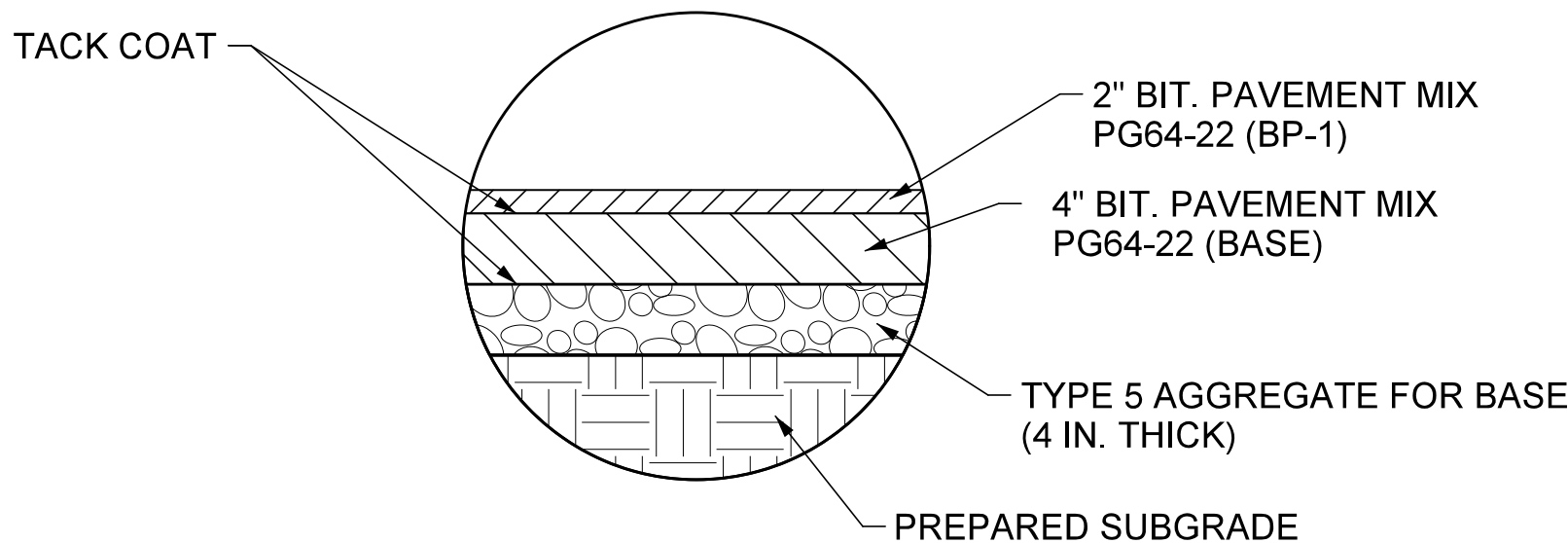
**OLD HIGHWAY M
SAFETY
IMPROVEMENTS**

JEFFERSON COUNTY, MISSOURI

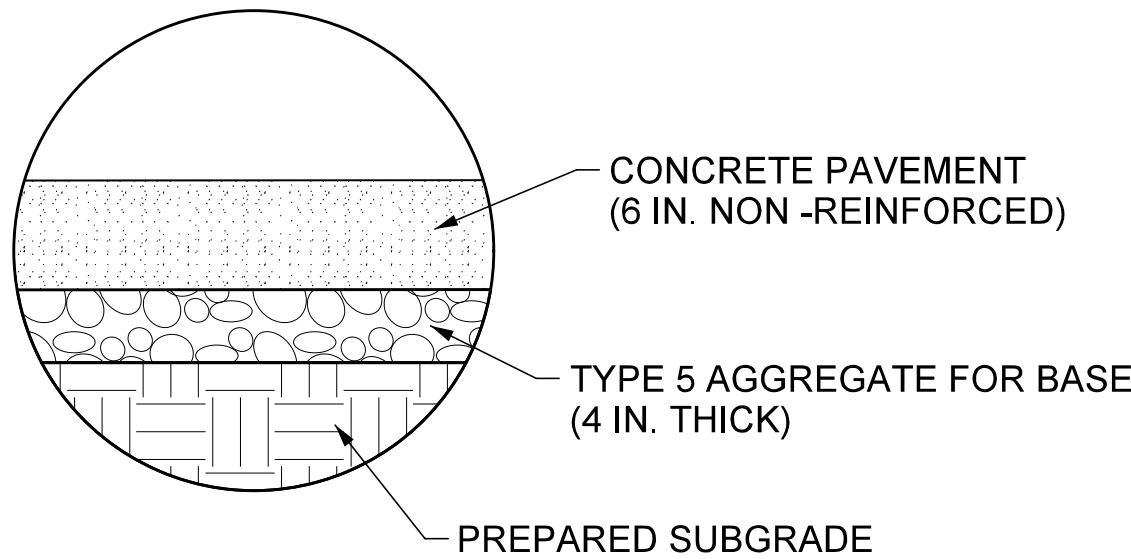
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GENERAL NOTES:

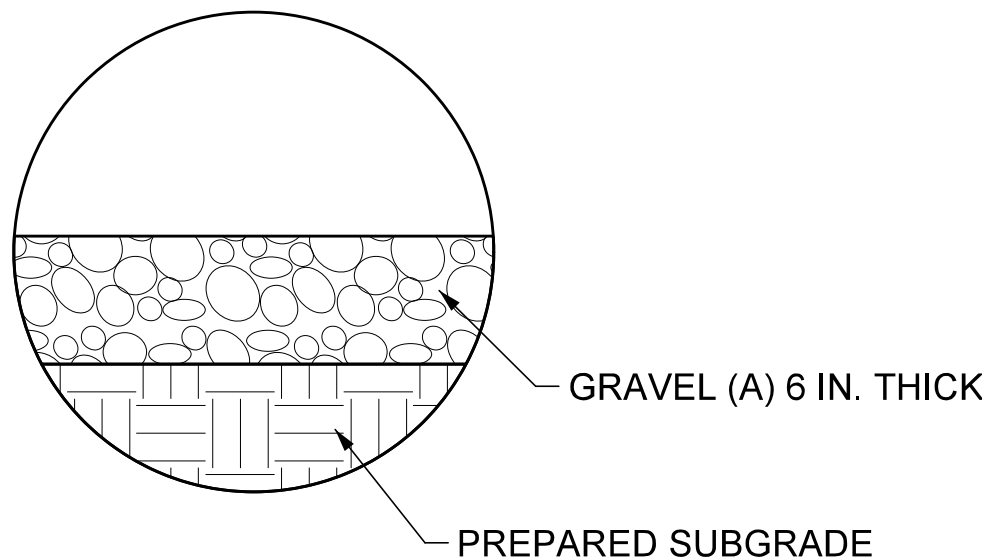
1. ALL REMOVALS, MATERIALS AND CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE MISSOURI DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION, LATEST EDITION, EXCEPT AS NOTED IN THE PLANS AND SUPPLEMENTAL SPECIFICATIONS.
2. EARTH SLOPES SHALL NOT EXCEED 2:1 (HORIZONTAL:VERTICAL).
3. THE CONTRACTOR SHALL PERFORM ALL WORK NECESSARY TO PROTECT ADJOINING PROPERTY FROM DAMAGE.
4. ALL MATERIAL REMOVED DURING GRADING OPERATIONS, INCLUDING RUBBISH, SHALL BE DISPOSED OFF THE SITE BY THE CONTRACTOR IN ACCORDANCE WITH STATE, COUNTY AND LOCAL ORDINANCES.
5. SUBGRADE COMPACTION SHALL BE CONSIDERED INCIDENTAL TO THE COST OF THE CONCRETE PAVEMENT OR ASPHALT PAVEMENT. DIRECT PAYMENT WILL NOT BE MADE FOR SUBGRADE COMPACTION.
6. EXISTING UNDERGROUND AND ABOVE-GRADE FACILITIES, STRUCTURES, AND UTILITIES HAVE BEEN PLOTTED ON THESE CONTRACT DOCUMENTS BASED ON THE INFORMATION AND SURVEYS AVAILABLE AT THE TIME OF DRAWING PREPARATION. THE LOCATIONS OF THESE FEATURES MUST, THEREFORE, BE CONSIDERED APPROXIMATE, ONLY. IN ADDITION, THERE MAY BE OTHER FACILITIES, STRUCTURES, AND UTILITIES WHICH DID NOT EXIST (OR THE EXISTENCE OF WHICH WAS NOT KNOWN) AT THE TIME OF DRAWING PREPARATION. IT IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR(S) TO HAVE ALL EXISTING FACILITIES, STRUCTURES, AND UTILITIES LOCATED IN THE FIELD PRIOR TO ANY EXCAVATION OR CONSTRUCTION ACTIVITY; AND TO PROTECT ALL SUCH EXISTING FEATURES DURING CONSTRUCTION. ANY DAMAGE TO UTILITIES SHALL BE CONTRACTOR'S RESPONSIBILITY.
7. ALL TRAFFIC CONTROL SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE FEDERAL HIGHWAY'S "MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES."
8. ALL PAVEMENT ADJACENT TO FEATURES TO REMAIN IN PLACE, SHALL BE SAW CUT PRIOR TO REMOVAL. ALL SAW CUTS SHALL BE INCIDENTAL TO CONSTRUCTION; DIRECT PAYMENT WILL NOT BE MADE FOR SAW CUTS.
9. UPON REQUEST, HORNER & SHIFRIN SHALL PROVIDE THE CONTRACTOR WITH A COPY OF THE ELECTRONIC DRAWINGS FOR CONSTRUCTION STAKING PURPOSES.
10. PAVEMENT STRIPING SHALL BE IN ACCORDANCE WITH FEDERAL HIGHWAY'S "MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES", LATEST EDITION.
11. SEDIMENT AND EROSION CONTROL SHALL BE IN ACCORDANCE WITH STATE, COUNTY AND LOCAL ORDINANCES.
12. THE CONTRACTOR SHALL KEEP ALL PAVEMENTS CLEAN AND FREE OF MUD, ROCK AND DEBRIS AT ALL TIMES DURING CONSTRUCTION.
13. THE CONTRACTOR SHALL PROVIDE ADEQUATE OFF-STREET PARKING FOR CONSTRUCTION EMPLOYEES. PARKING ON NON SURFACED AREAS SHALL BE PROHIBITED IN ORDER TO ELIMINATE THE CONDITION WHEREBY MUD FROM CONSTRUCTION AND EMPLOYEE VEHICLES IS TRACKED ONTO THE PAVEMENT CAUSING HAZARDOUS ROADWAY AND DRIVEWAY CONDITIONS.
14. THE CONTRACTOR SHALL REMOVE, STORE, & REINSTALL AT THE COMPLETION OF CONSTRUCTION ALL MAILBOXES, FENCES, AND SIGNS AFFECTED BY CONSTRUCTION. SUBSEQUENTLY IF DAMAGE OCCURS, IT SHALL BE REPLACED BY CONTRACTOR.
15. THE CONTRACTOR SHALL SEED ANY NON-PAVED AREAS DISTURBED BY CONSTRUCTION.
16. THE CONTRACTOR SHALL NOT STORE CONSTRUCTION MATERIAL ON ANY PROPERTY WITHOUT PRIOR WRITTEN CONSENT FROM PROPERTY OWNER.
17. THE CONTRACTOR SHALL INSTALL AND MAINTAIN TEMPORARY BUSINESS SIGNAGE IF AFFECTED AND SHALL BE CONSIDERED INCIDENTAL.
18. THE CONTRACTOR MUST MAINTAIN ACCESS TO RESIDENTIAL AND COMMERCIAL DRIVEWAYS AT ALL TIMES DURING CONSTRUCTION. IF TEMPORARY CLOSURES OF DRIVEWAY ARE REQUIRED, 24 HOUR NOTICE SHALL BE PROVIDED TO OWNER PRIOR TO COMMENCEMENT OF ANY CONSTRUCTION AND/OR GRADING.
19. THE CONTRACTOR SHALL ADJUST TO GRADE ALL WATER METERS VAULTS, METER LIDS, AND WATER VALVE BOXES.
20. INTERIM STORM WATER DRAINAGE CONTROL IN THE FORM OF SILTATION CONTROL MEASURES AND TEMPORARY DRAINAGE FOR LOW AREAS DURING CONSTRUCTION SHALL BE PROVIDED AND SHALL BE INCLUDED IN THE LUMP SUM EROSION CONTROL PAY ITEM.
21. TACK COAT SHALL BE PLACED BETWEEN ALL LIFTS OF ASPHALT.
22. CARE SHALL BE TAKEN TO AVOID DISTURBING ANY PROPERTY MARKERS ENCOUNTERED DURING CONSTRUCTION. ANY PROPERTY MARKERS REMOVED TO ALLOW FOR GRADING, SHALL BE REPLACED. NO DIRECT PAYMENT SHALL BE MADE FOR THIS WORK .
23. JEFFERSON COUNTY WILL PICK UP ALL SIGNS REMOVED BY THE CONTRACTOR.



RESIDENTIAL ASPHALT ENTRANCE



RESIDENTIAL CONCRETE ENTRANCE



RESIDENTIAL GRAVEL ENTRANCE

ENGINEER'S SEAL

PRELIMINARY

DATE PREPARED
7/14/2025

ROUTE
OLD M

STATE
MO

DISTRICT

SHEET NO.
3

COUNTY
JEFFERSON

JOB NO.
2303500

CONTRACT ID.

PROJECT NO.
STP-5445(605)

BRIDGE NO.

DESCRIPTION	DATE								

JEFFERSON COUNTY, MISSOURI
MAPLE STREET ANNEX
725 MAPLE STREET
P.O. BOX 100
HILLSBORO, MO 63050
636-797-5340
www.jeffcomo.org



HORNER
SHIFRIN
401 S. 18TH ST. STE. 400 ST. LOUIS, MO 63103
314-531-4321 • FAX 314-531-6969
WWW.HORNERSHIFRIN.COM
DISCIPLINE: PROFESSIONAL ENGINEERING
CERTIFICATE OF AUTHORITY: 000159
EXPIRATION DATE: DECEMBER 31, 2026

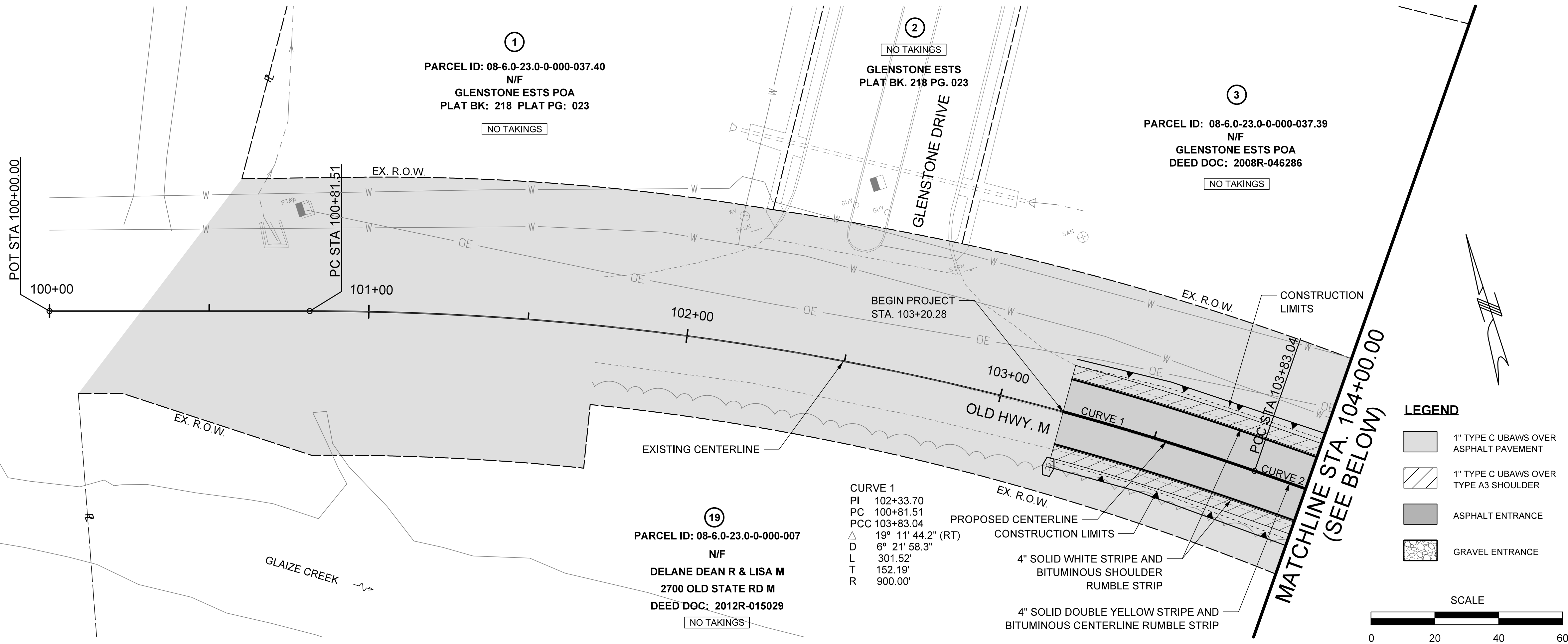
GENERAL NOTES & DETAILS
OLD HIGHWAY M
SAFETY
IMPROVEMENTS
JEFFERSON COUNTY, MISSOURI

ROW LEGEND

NEW RIGHT-OF-WAY

EXISTING RIGHT OF WAY

EX. ROW



ENGINEER'S SEAL

PRELIMINARY

DATE PREPARED
7/14/2025

ROUTE
OLD M
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MO
SHEET NO.
4

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JEFFERSON

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2303500

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PROJECT NO.
STP-5445(605)

BRIDGE NO.

DESCRIPTION

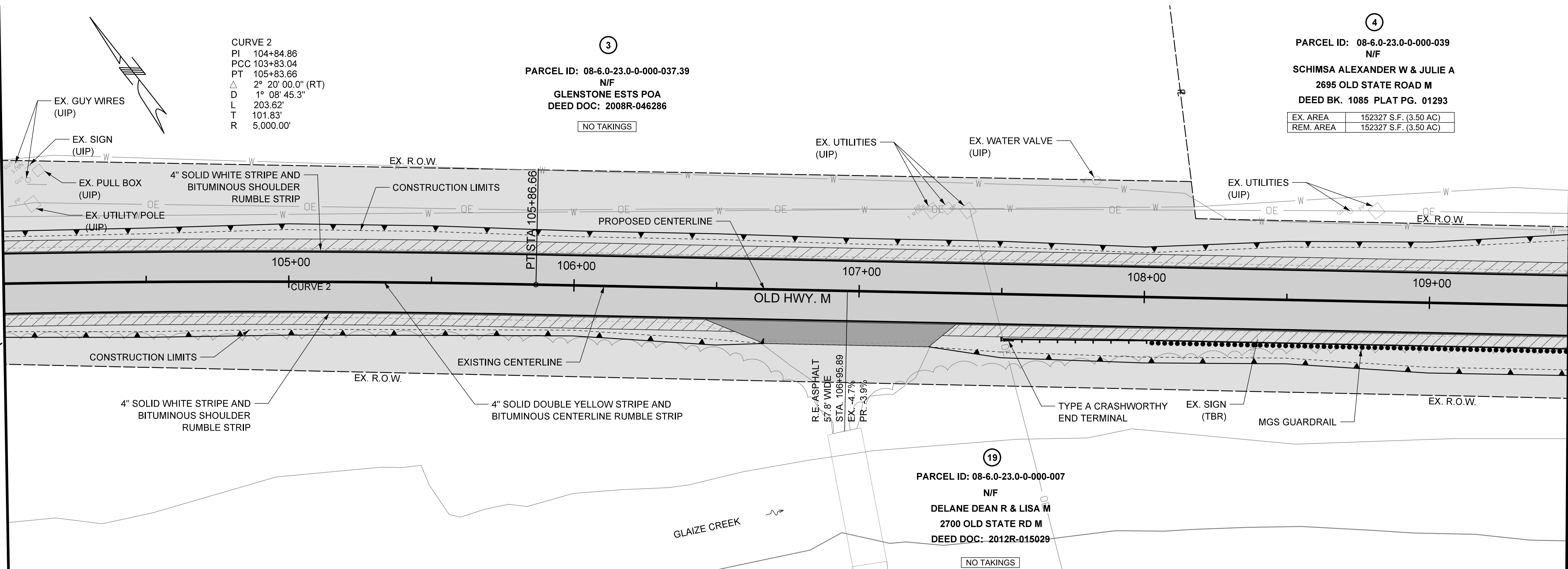
DATE

JEFFERSON COUNTY, MISSOURI
MAPLE STREET ANNEX
725 MAPLE STREET
P.O. BOX 100
HILLSBORO, MO 63050
636-797-5340
www.jeffcomt.org

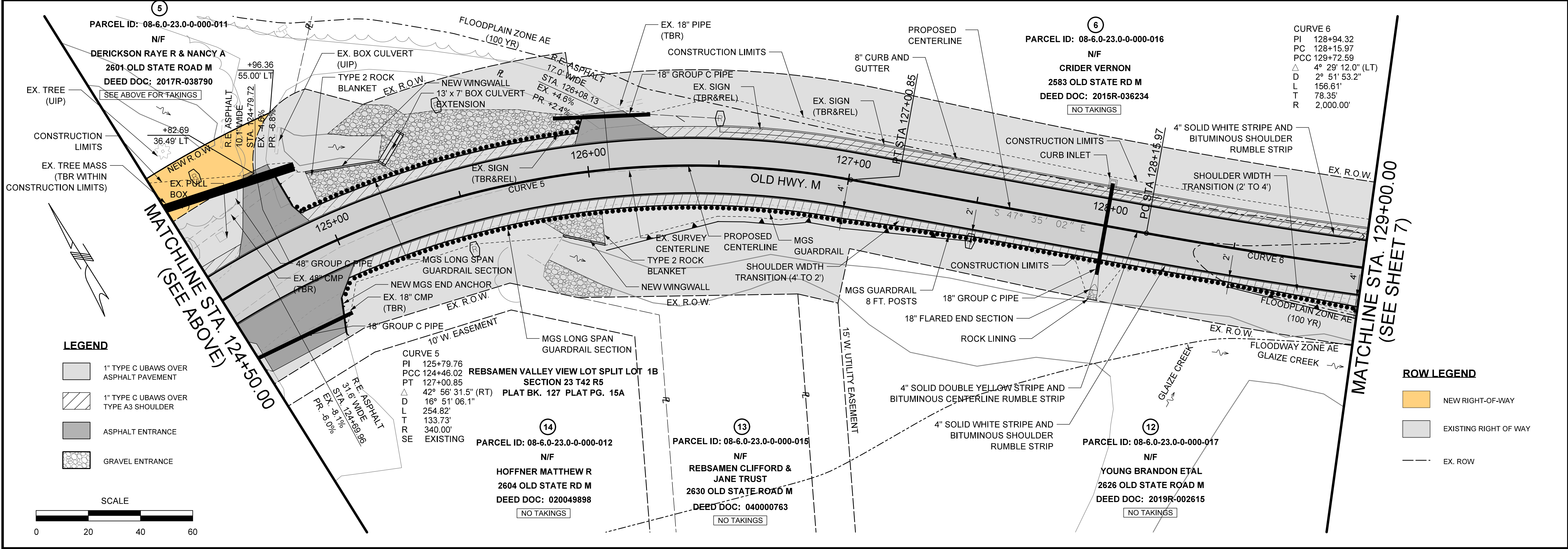
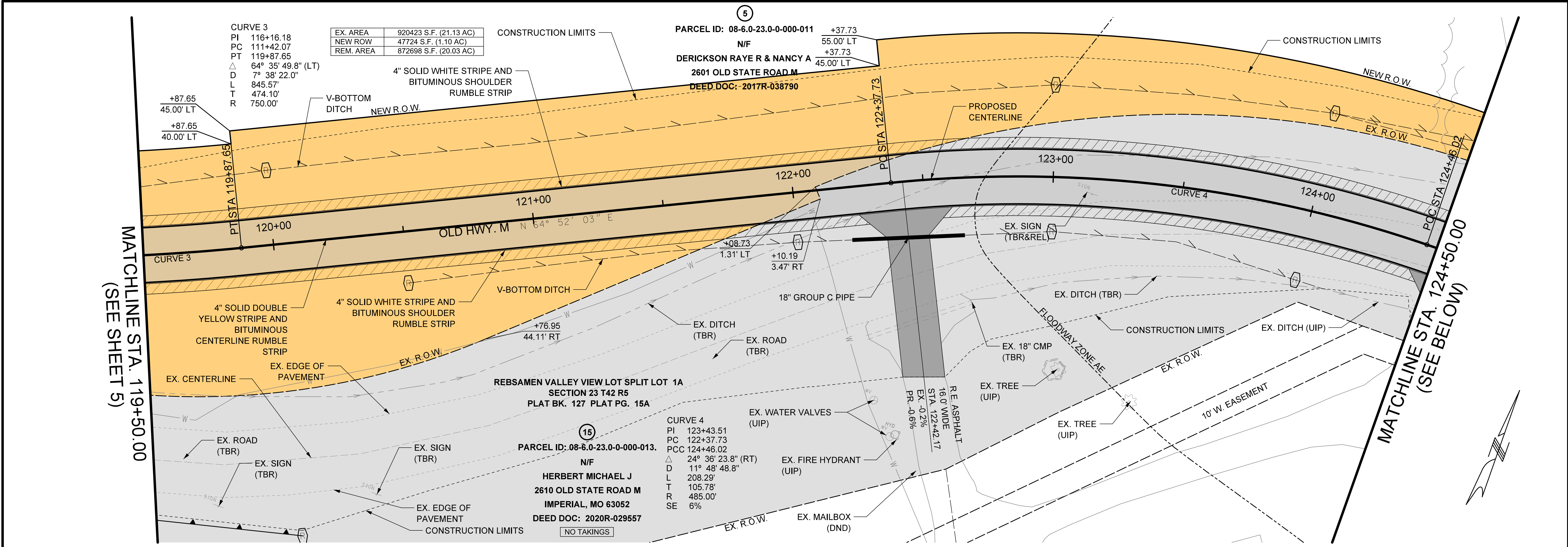
HORNER SHIFRIN
401 S. 18TH ST. STE. 400 ST. LOUIS, MO 63103
314-531-1421 • FAX 314-531-6969
WWW.HORNERSHIFRIN.COM
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PLAN / PLAN SHEET
**OLD HIGHWAY M
SAFETY
IMPROVEMENTS**
JEFFERSON COUNTY, MISSOURI

MATCHLINE STA. 104+00.00
(SEE ABOVE)



MATCHLINE STA. 109+50.00
(SEE SHEET 5)



ENGINEER'S SEAL

PRELIMINARY

DATE PREPARED
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ROUTE
OLD M

DISTRICT

STATE
MO

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6

COUNTY
JEFFERSON

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2303500

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PROJECT NO.
STP-5445(605)

BRIDGE NO.

DATE	DESCRIPTION

JEFFERSON COUNTY, MISSOURI

MAPLE STREET ANNEX
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HILLSBORO, MO 63050
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HORNER SHIFFRIN

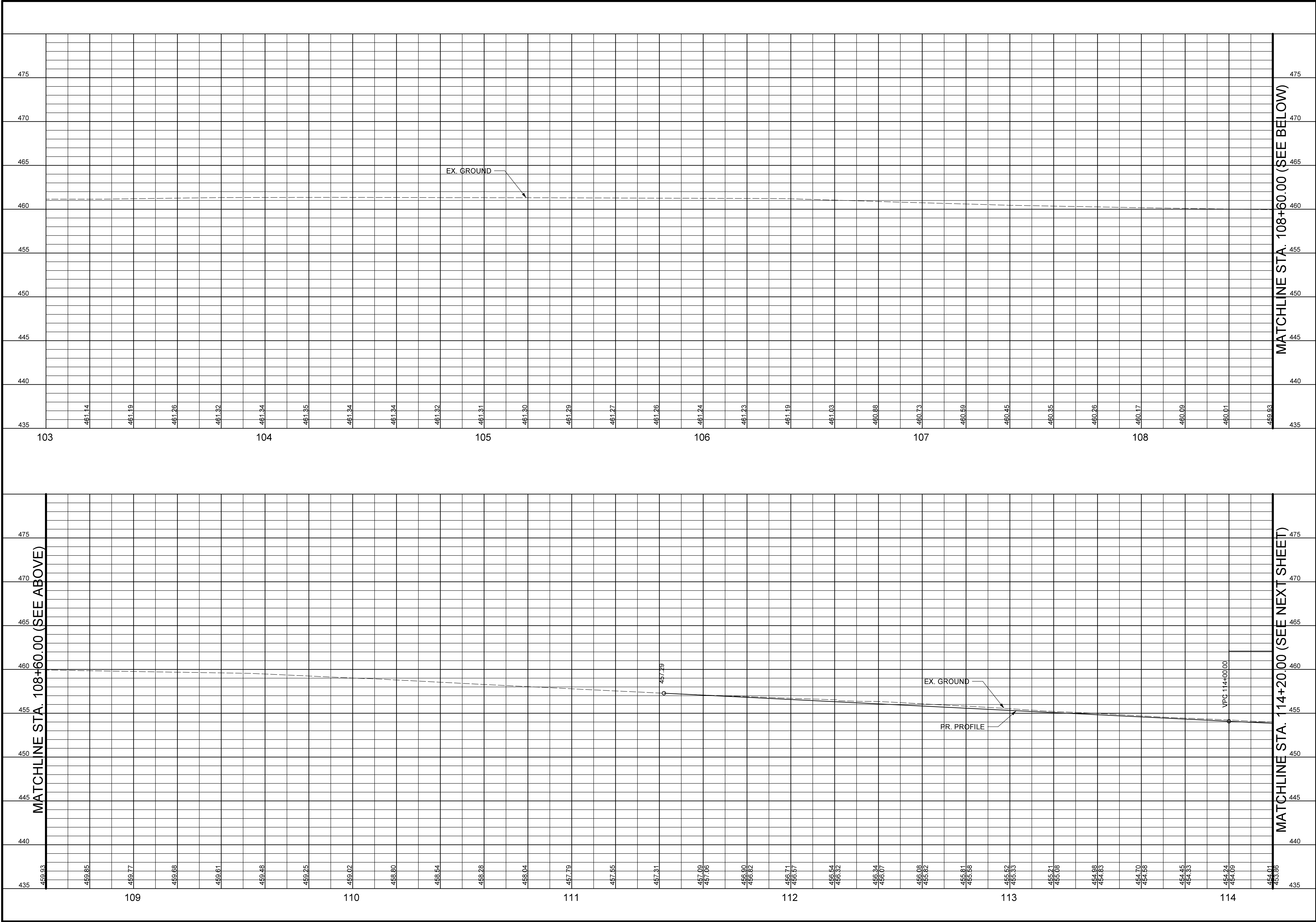
401 S. 18TH ST. STE. 400 ST. LOUIS, MO 63103
314-531-4321 • FAX 314-531-6969
WWW.HORNERSHIFFRIN.COM
DISCIPLINE: PROFESSIONAL ENGINEERING
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EXPIRATION DATE: DECEMBER 31, 2026

PLAN / PLAN SHEET

OLD HIGHWAY M
SAFETY
IMPROVEMENTS

JEFFERSON COUNTY, MISSOURI

...\\Transportation\\006_PP_03.dgn 7/14/2025



ENGINEER'S SEAL

PRELIMINARY

DATE PREPARED
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ROUTE
OLD M

DISTRICT

STATE
MO

SHEET NO.
8

COUNTY
JEFFERSON

JOB NO.
2303500

CONTRACT ID.

PROJECT NO.
STP-5445(605)

BRIDGE NO.

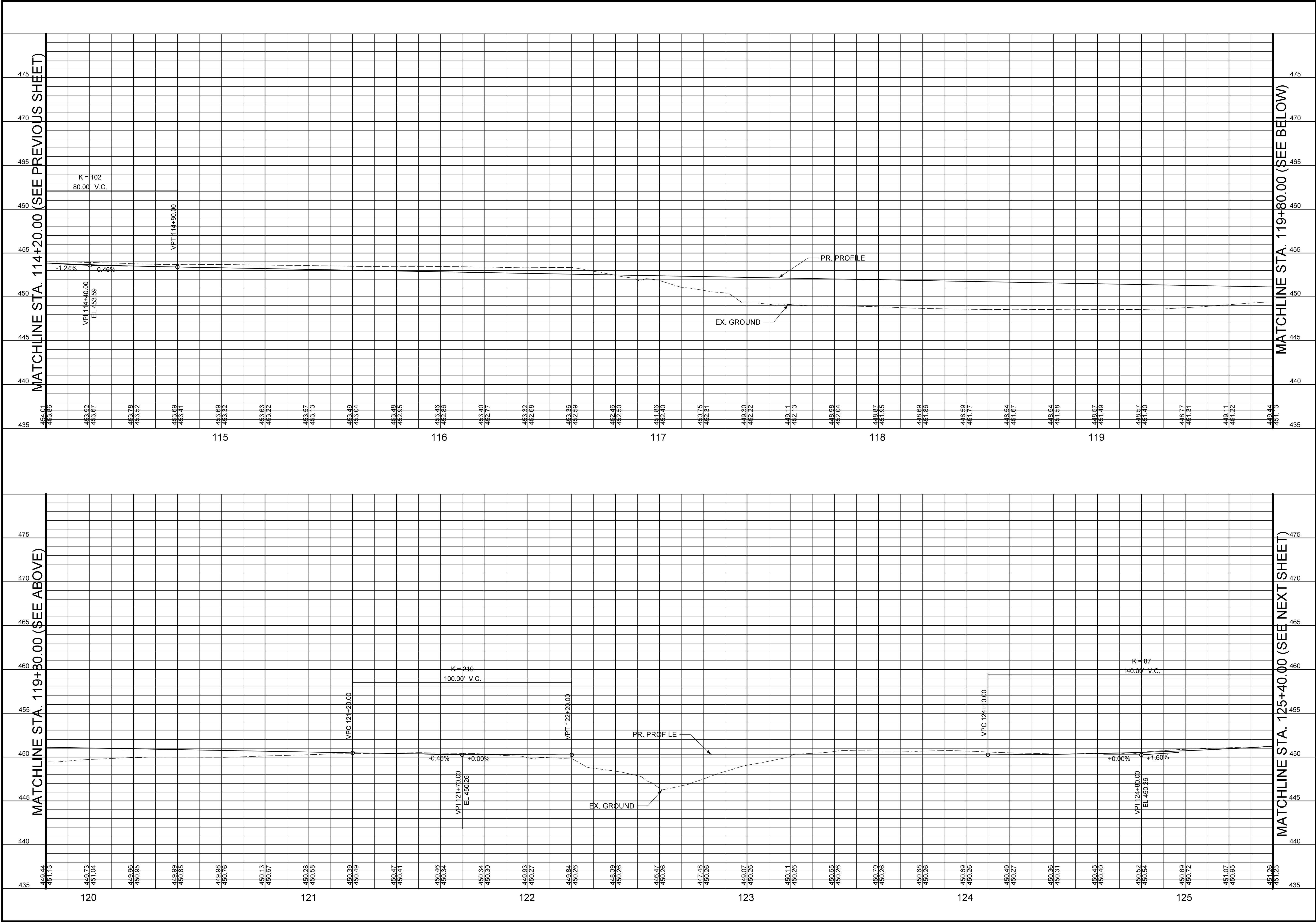
DATE	DESCRIPTION

JEFFERSON COUNTY, MISSOURI
MAPLE STREET ANNEX
725 MAPLE STREET
P.O. BOX 100
HILLSBORO, MO 63050
636-797-5340
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**JEFFERSON COUNTY, MISSOURI**
401 S. 18TH ST. STE. 400 ST. LOUIS, MO 63103
314-531-4321 • FAX 314-531-6969
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PROFILE SHEET

**OLD HIGHWAY M
SAFETY
IMPROVEMENTS**
JEFFERSON COUNTY, MISSOURI



ENGINEER'S SEAL

PRELIMINARY

DATE PREPARED
7/14/2025

ROUTE
OLD M

DISTRICT

STATE
MO

SHEET NO.
9

COUNTY
JEFFERSON

JOB NO.
2303500

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PROJECT NO.
STP-5445(605)

BRIDGE NO.

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JEFFERSON COUNTY, MISSOURI

MAPLE STREET ANNEX
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PROFILE SHEET

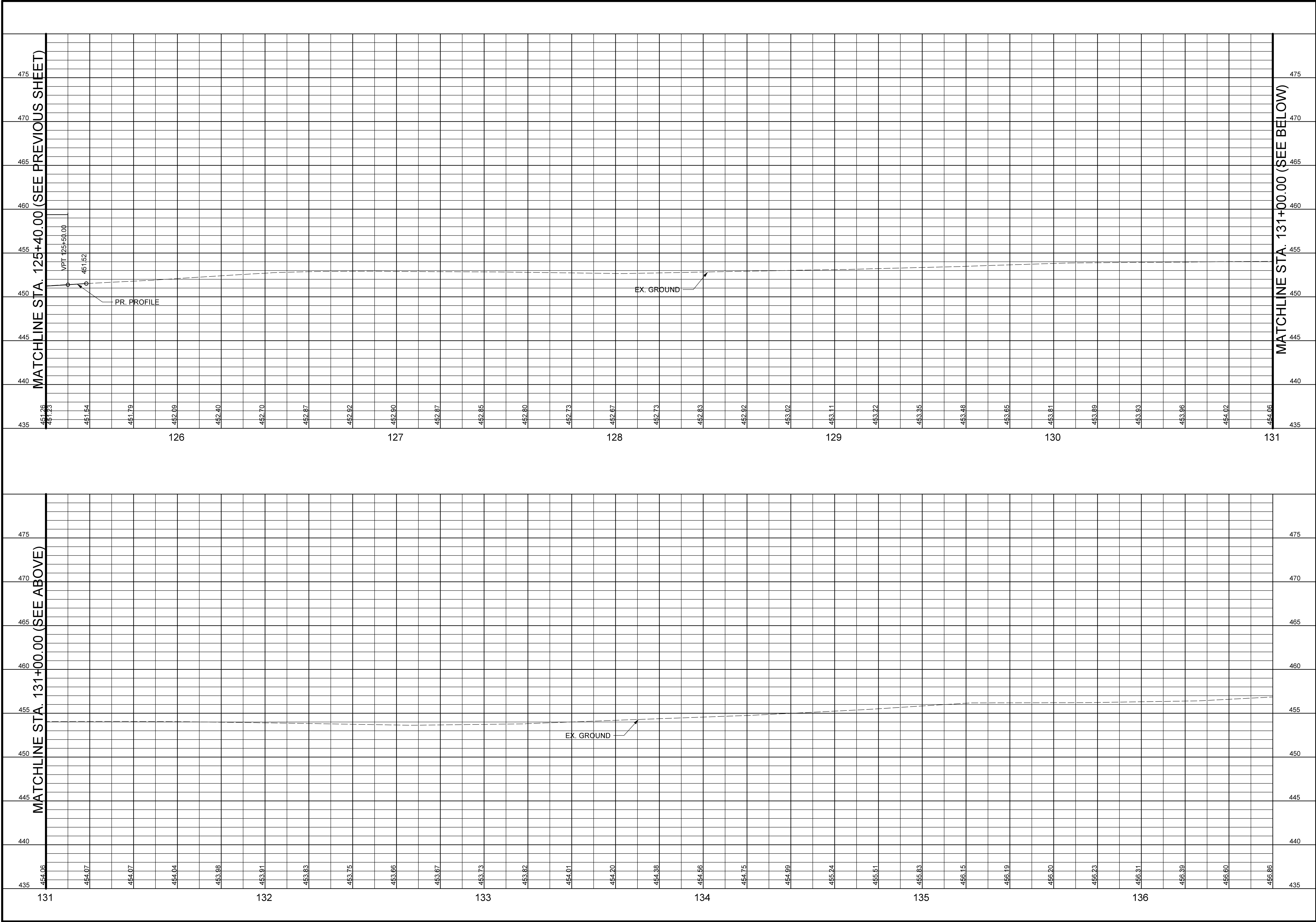
OLD HIGHWAY M
SAFETY
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JEFFERSON COUNTY, MISSOURI

...\\Transportation\\009_PR_02.dgn

7/14/2025

REV.



ENGINEER'S SEAL

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ROUTE
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10

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HORNER SHIFFRIN

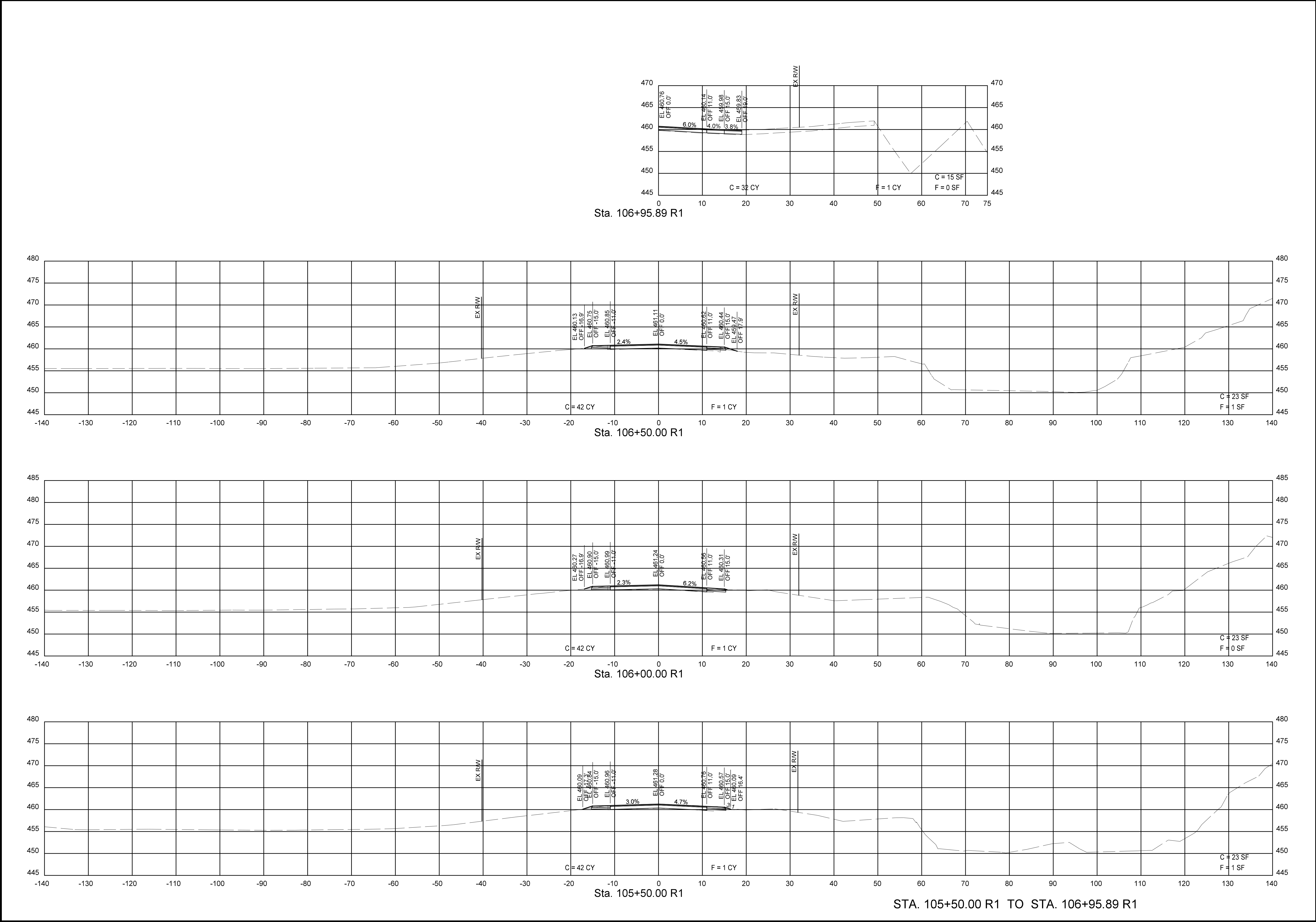
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PROFILE SHEET
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ENGINEER'S SEAL

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ROUTE
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CROSS SECTIONS

**OLD HIGHWAY M
SAFETY
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JEFFERSON COUNTY, MISSOURI



ENGINEER'S SEAL

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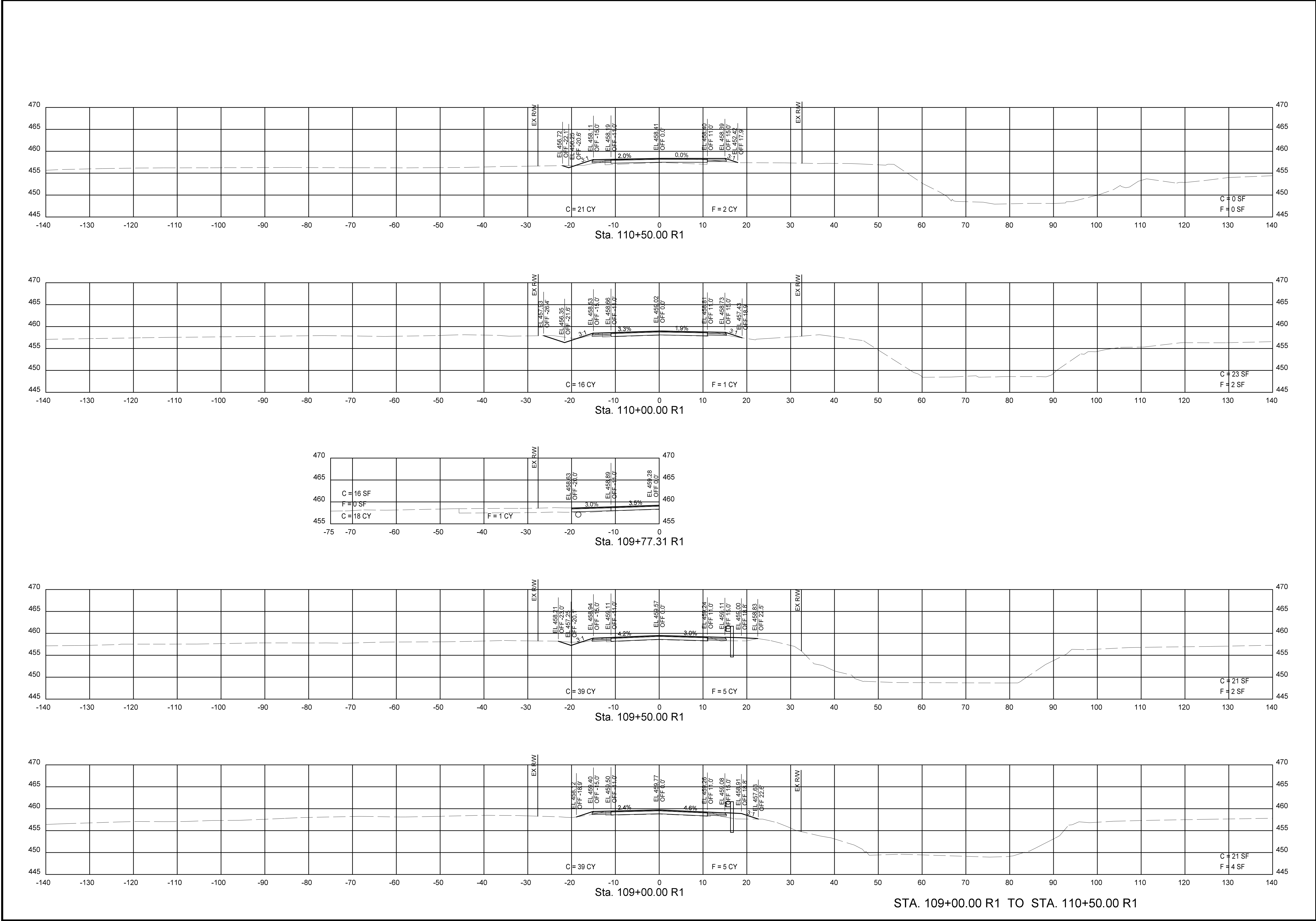
CROSS SECTIONS

OLD HIGHWAY M
SAFETY
IMPROVEMENTS

JEFFERSON COUNTY, MISSOURI

...\\REF\2303500_XS.dgn

7/14/2025



ENGINEER'S SEAL

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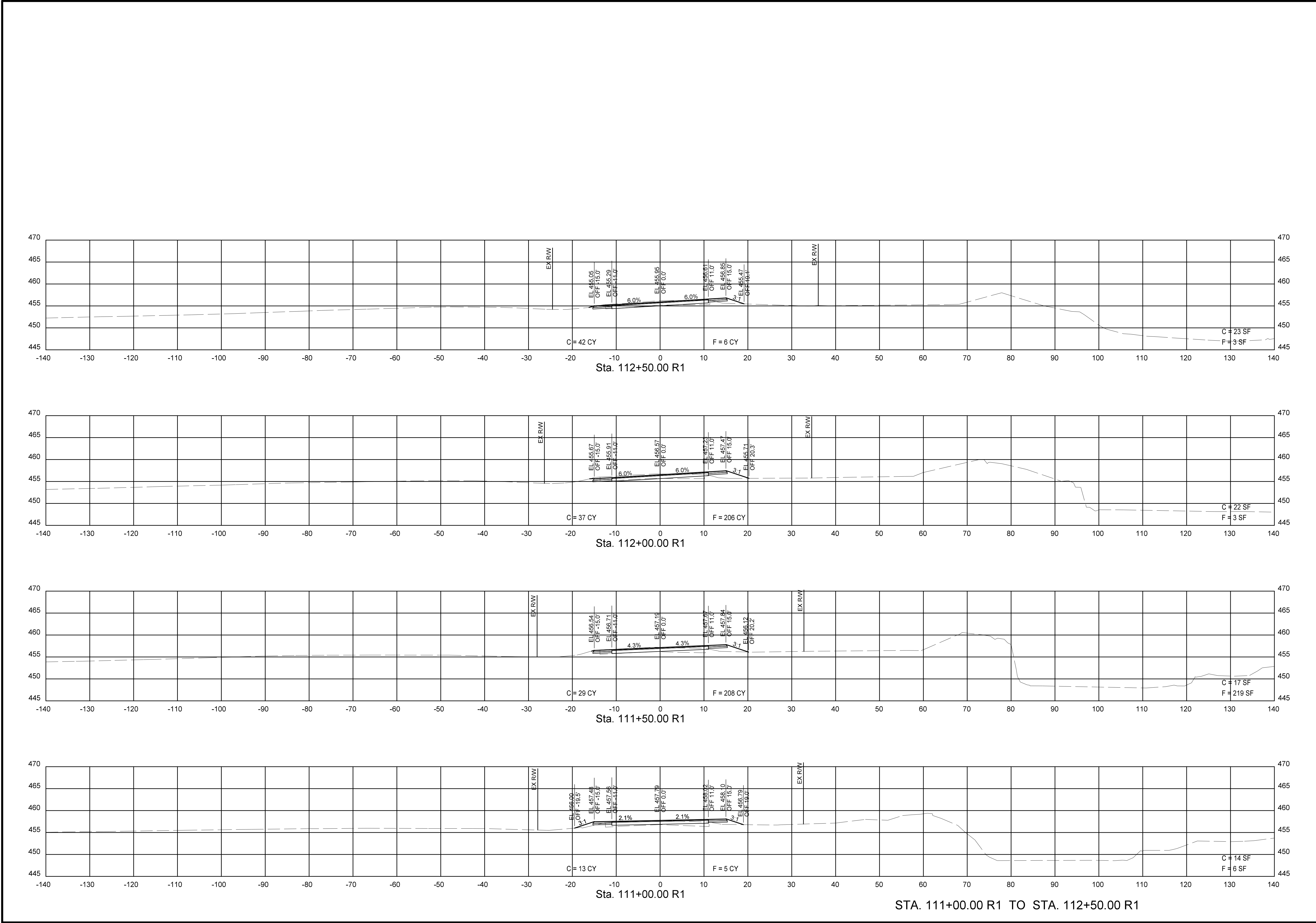
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JEFFERSON COUNTY, MISSOURI



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PRELIMINARY

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ROUTE
OLD M

DISTRICT

STATE
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SHEET NO.
16

COUNTY
JEFFERSON

JOB NO.
2303500

CONTRACT ID.

PROJECT NO.
STP-5445(605)

BRIDGE NO.

DESCRIPTION

DATE

JEFFERSON COUNTY, MISSOURI

MAPLE STREET ANNEX
725 MAPLE STREET
P.O. BOX 100
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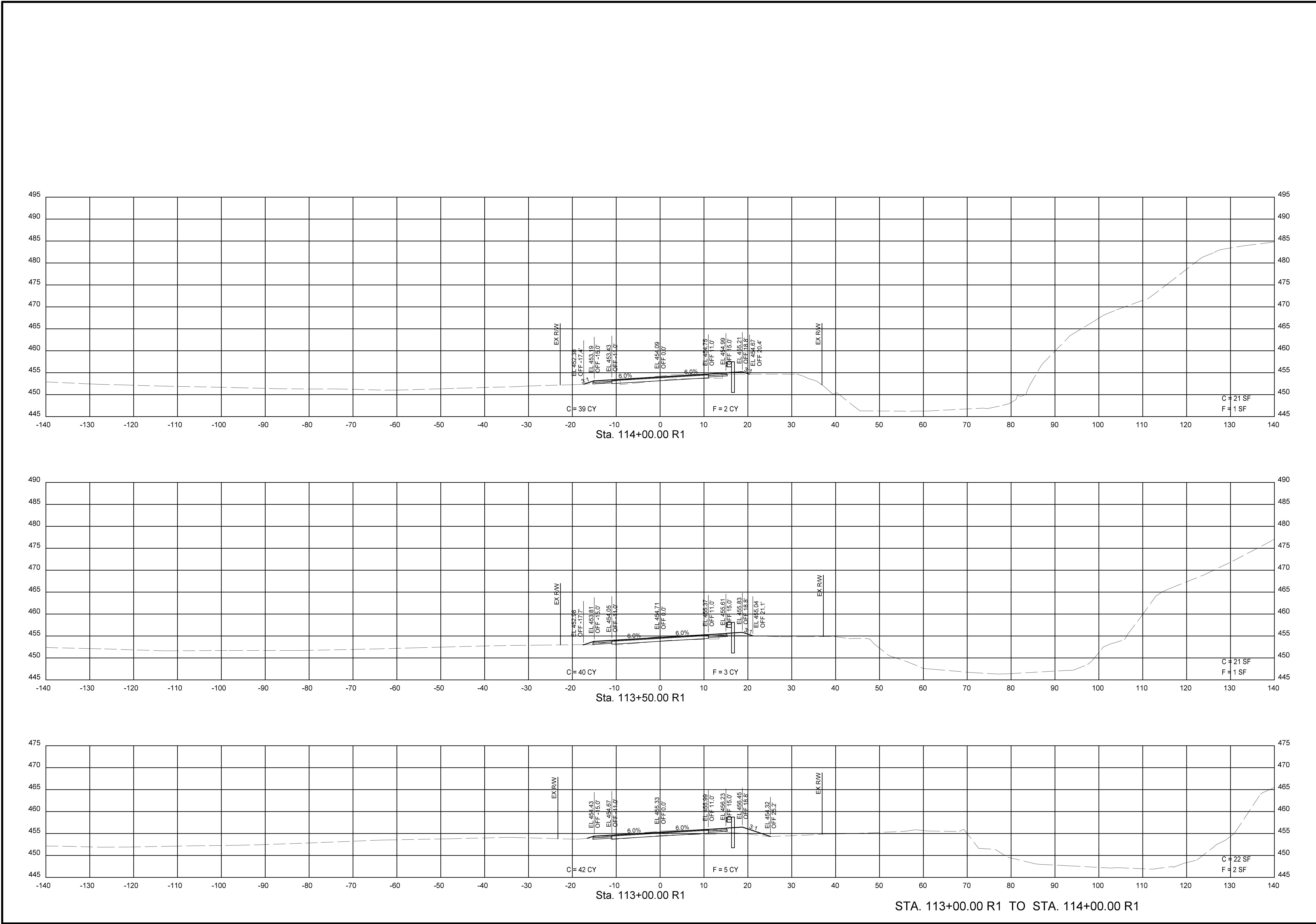
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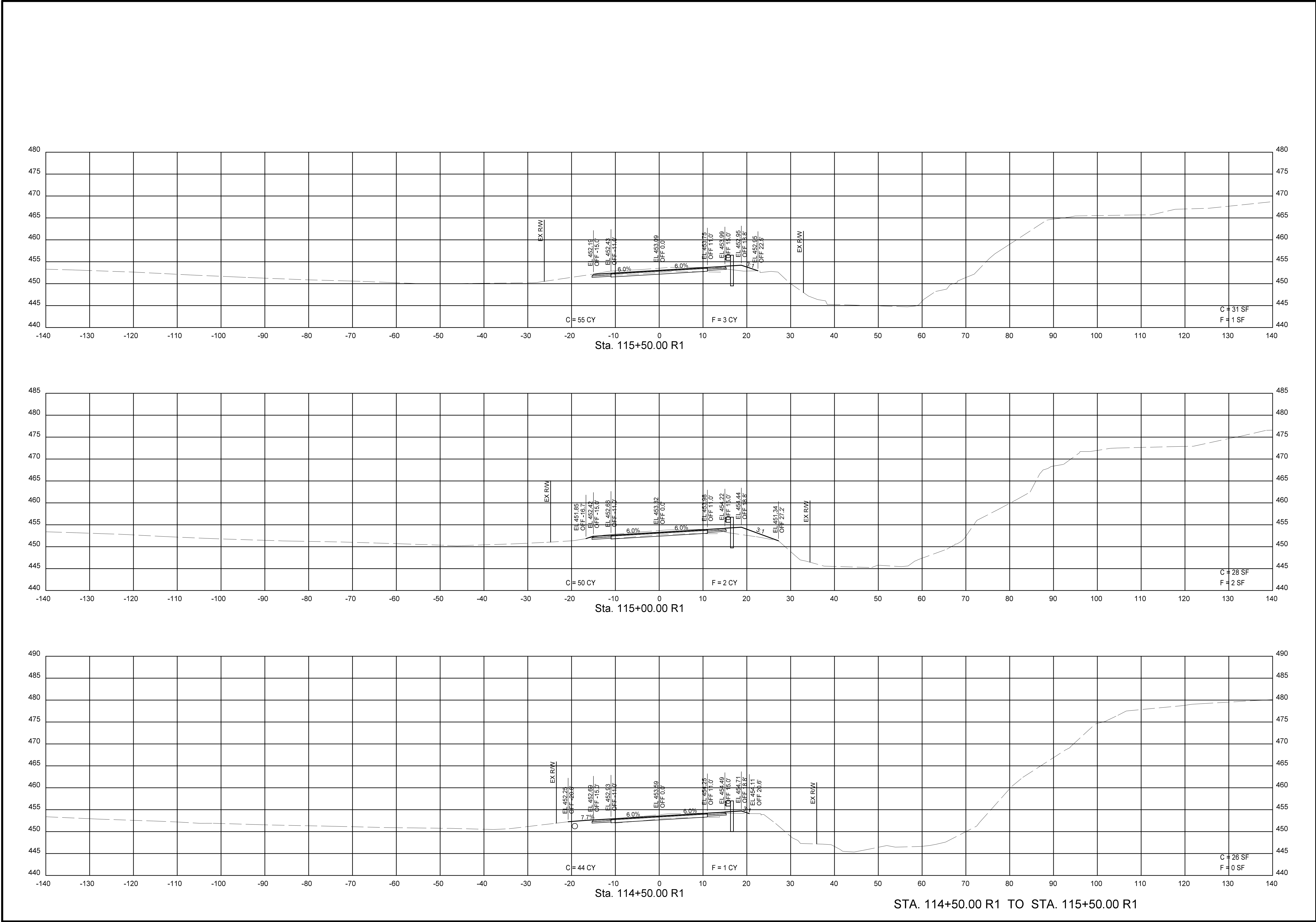


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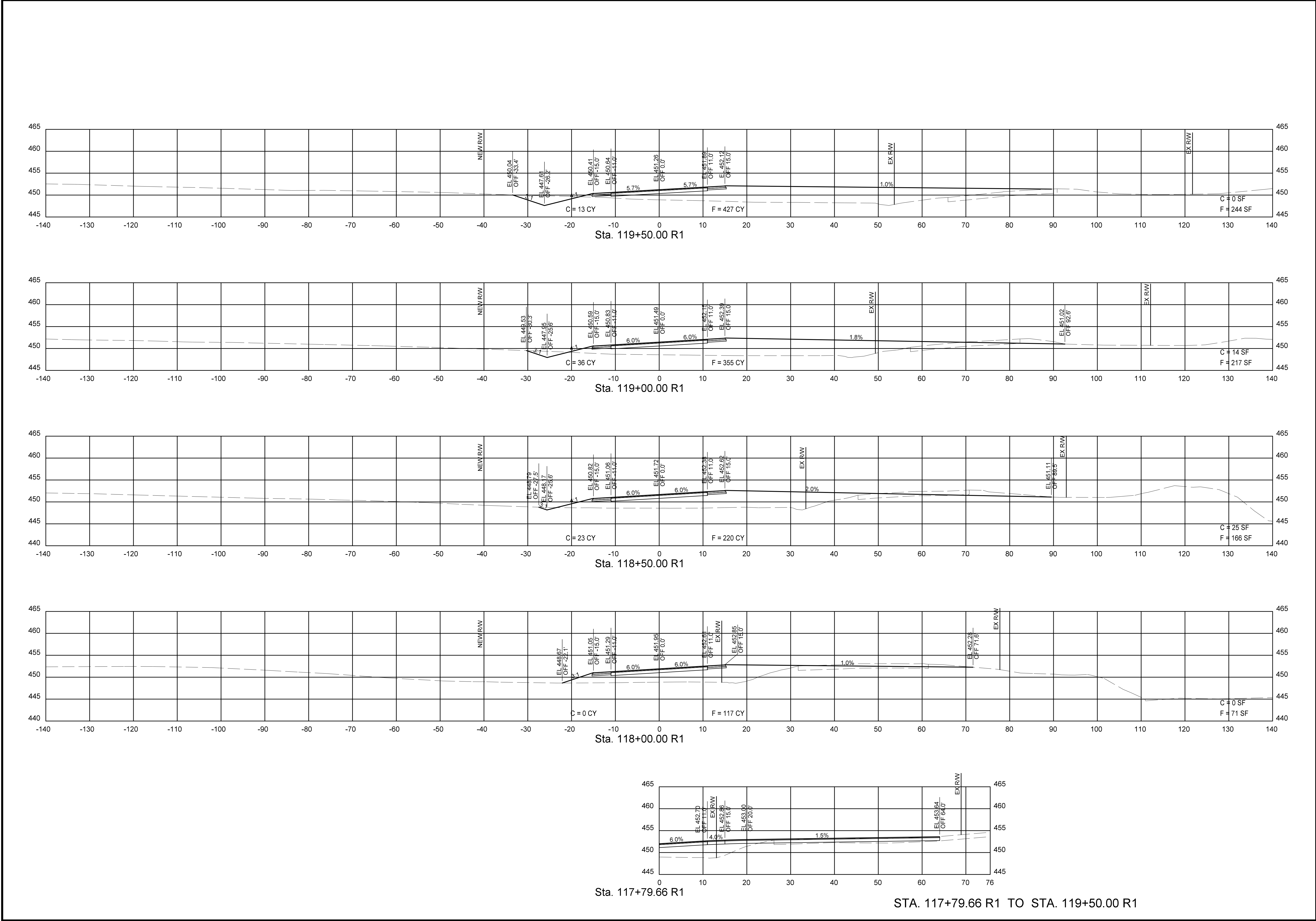
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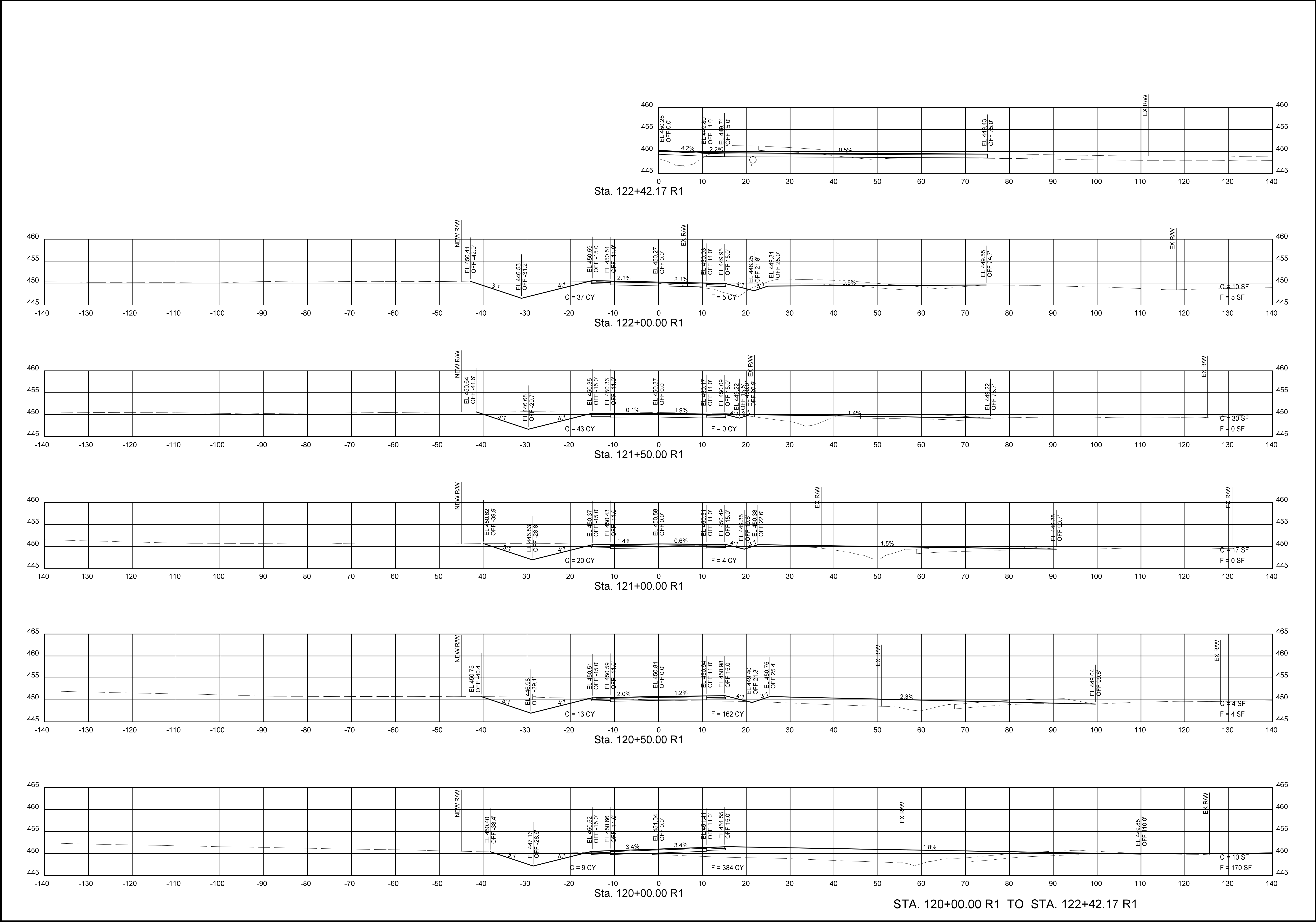
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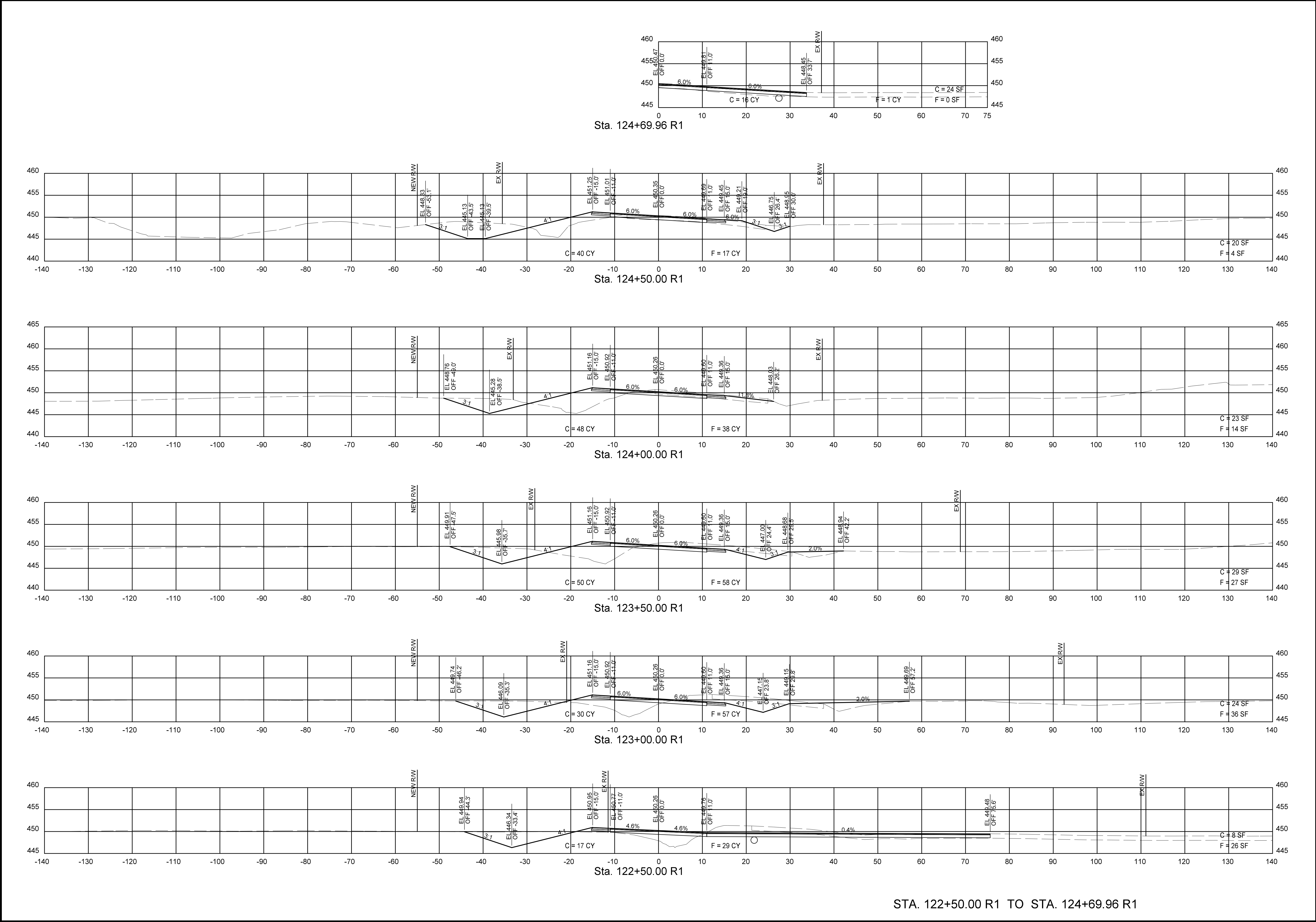
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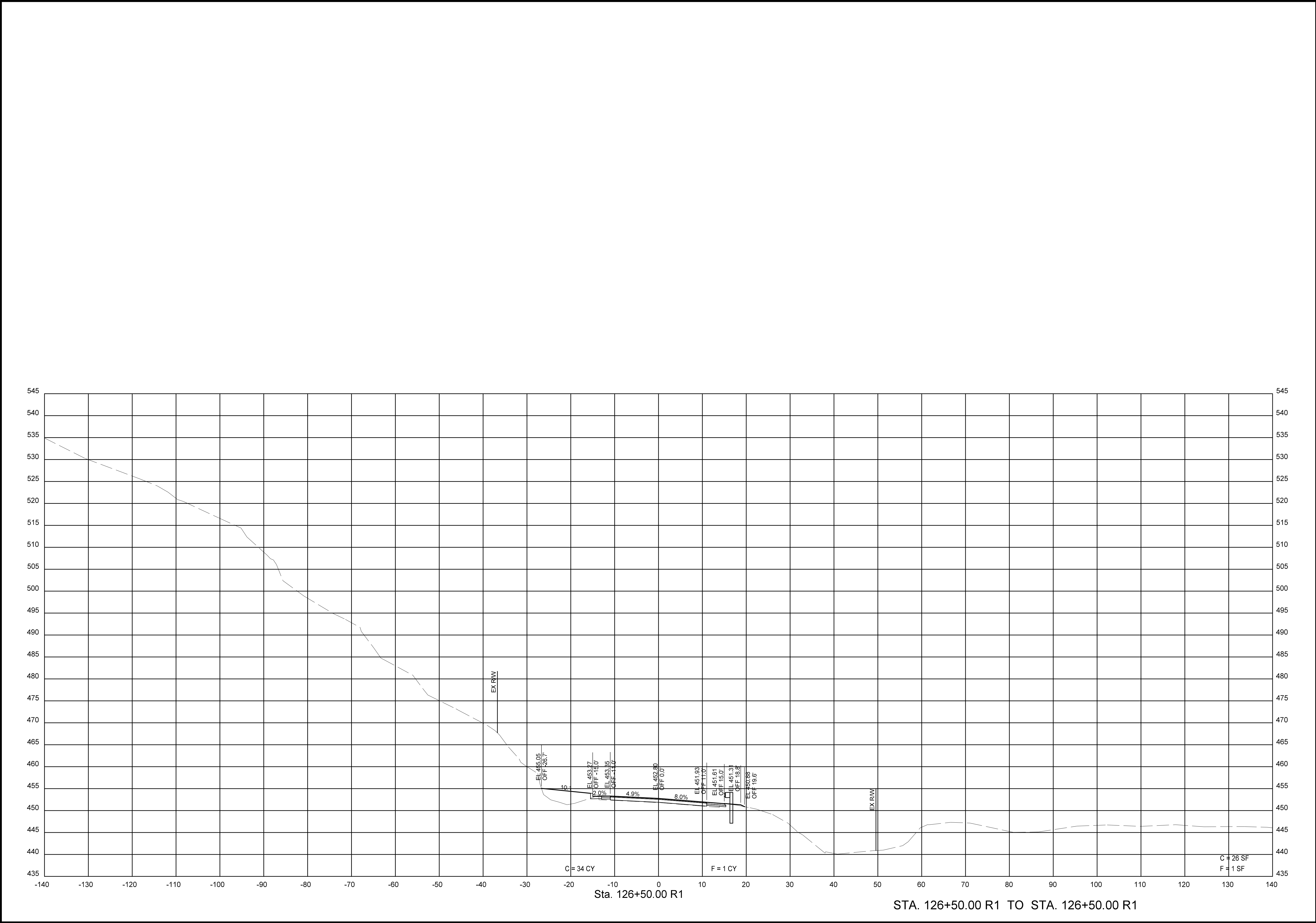
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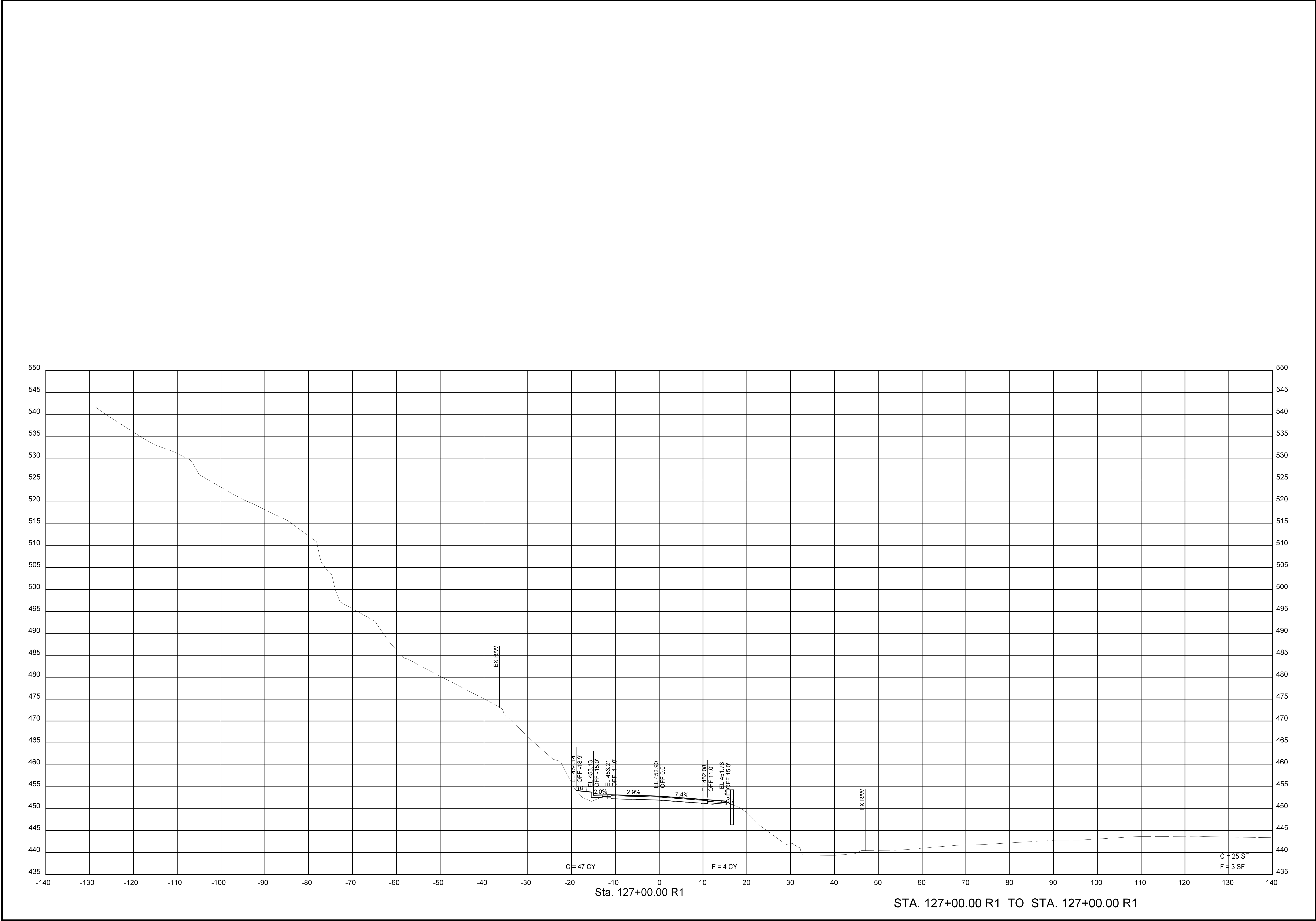
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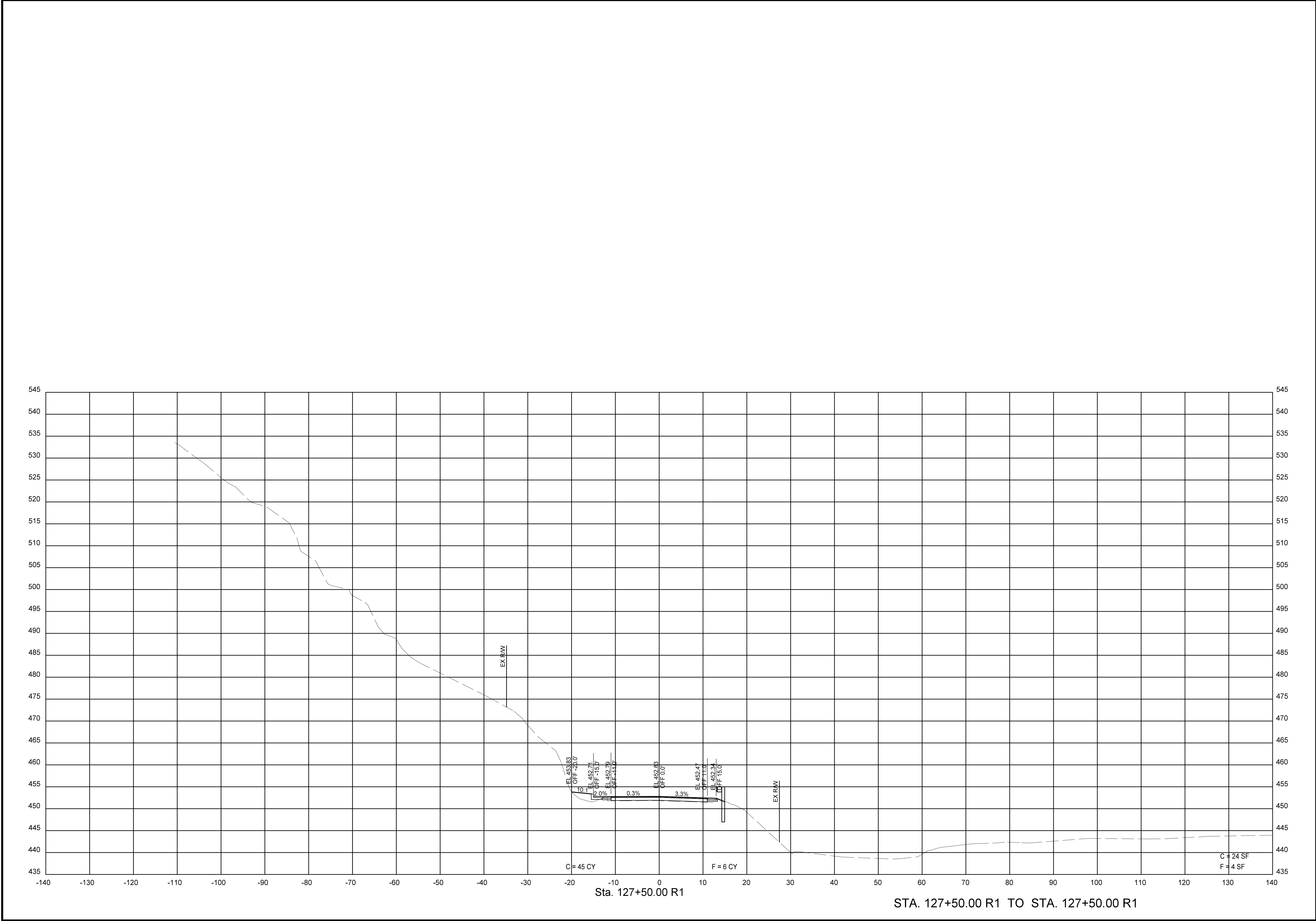
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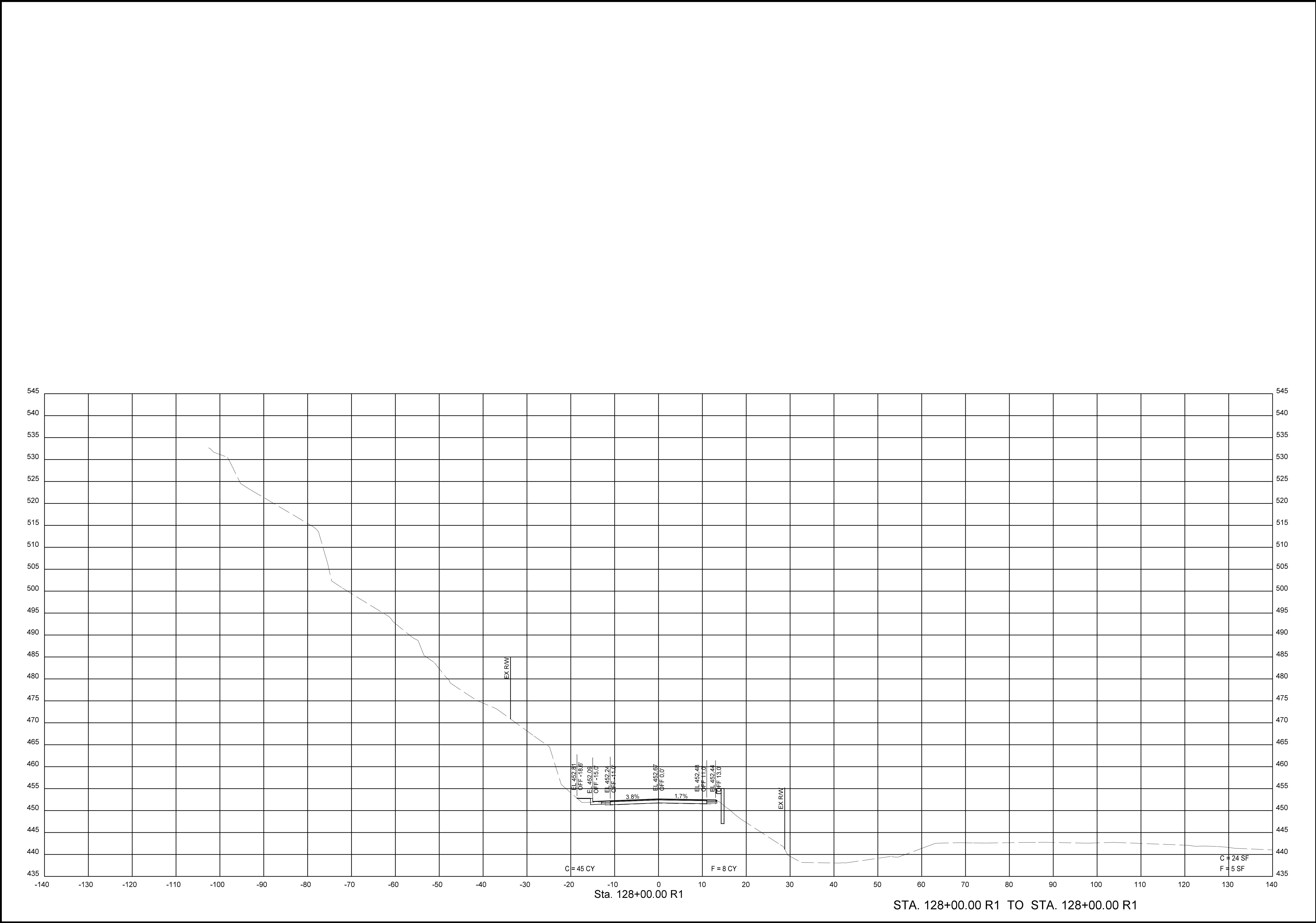
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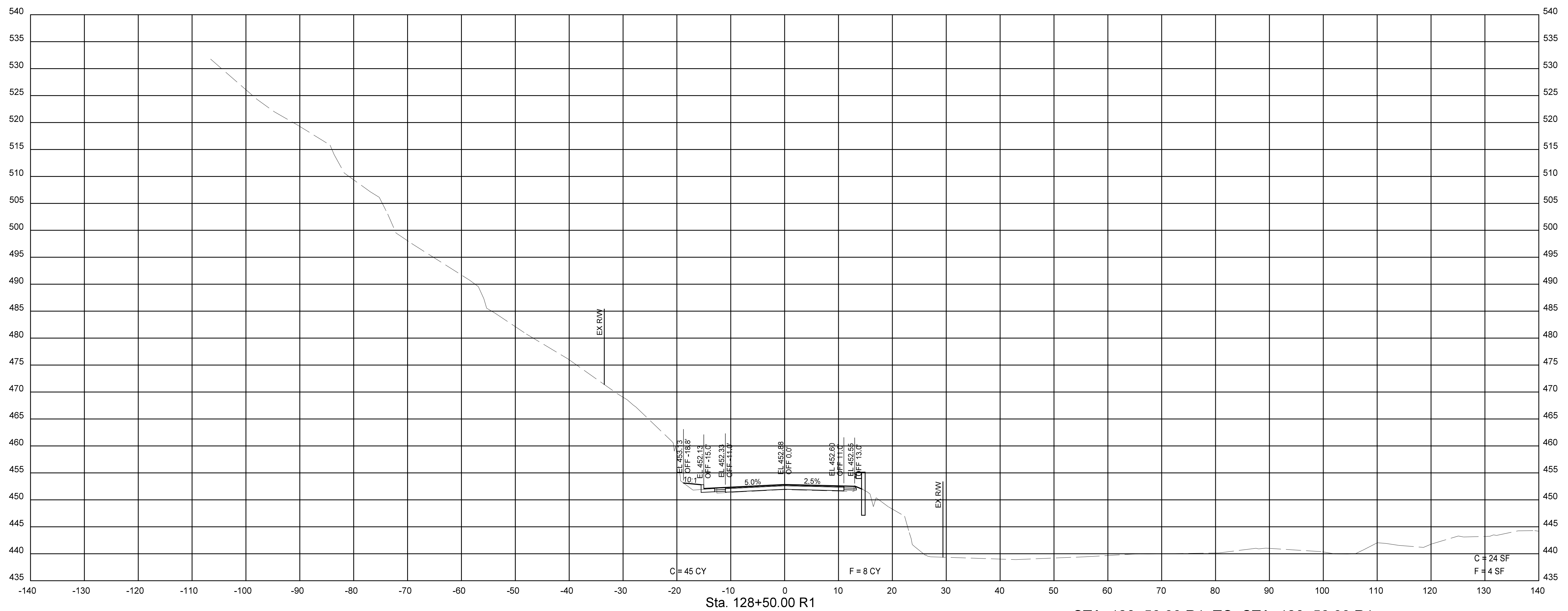
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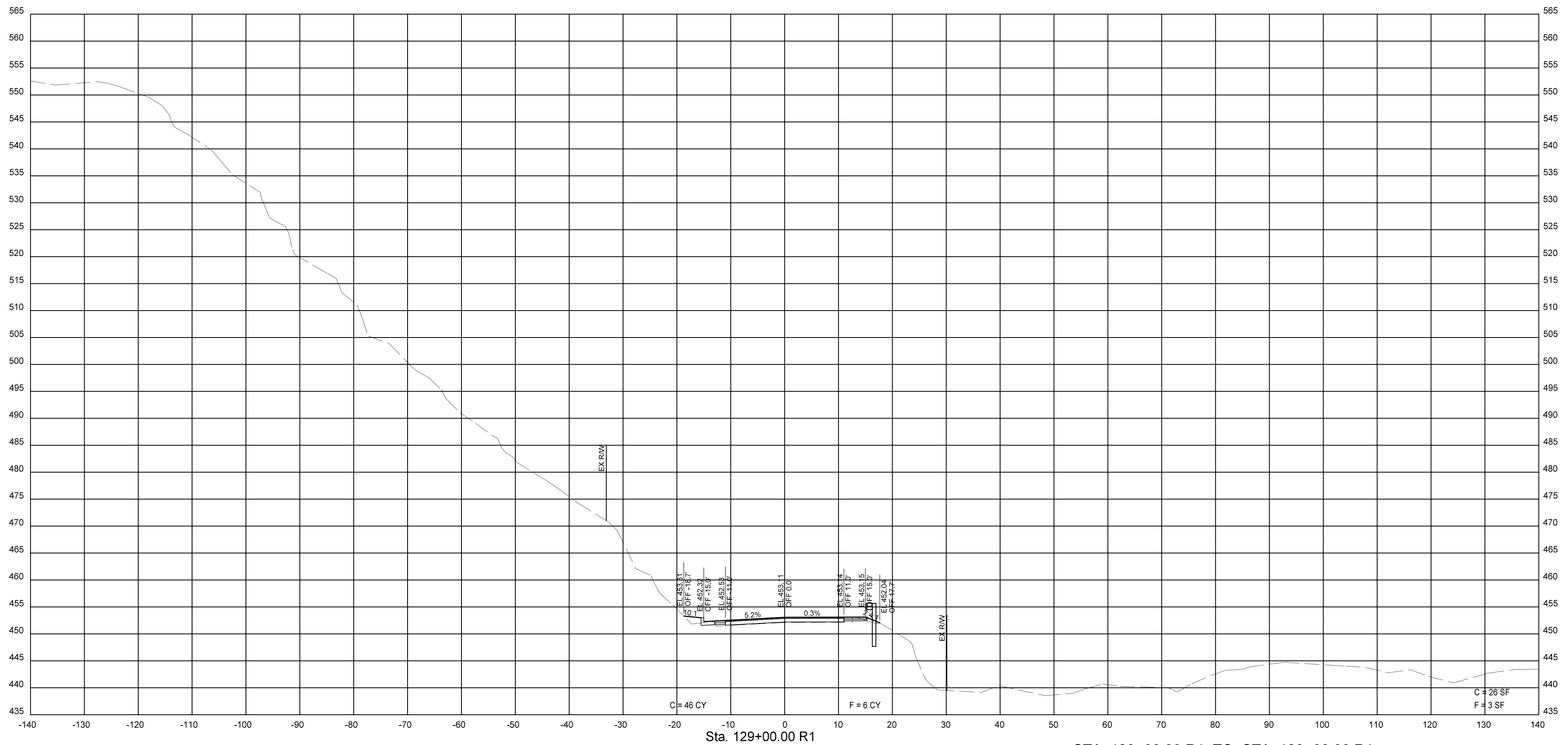
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 725 MAPLE STREET
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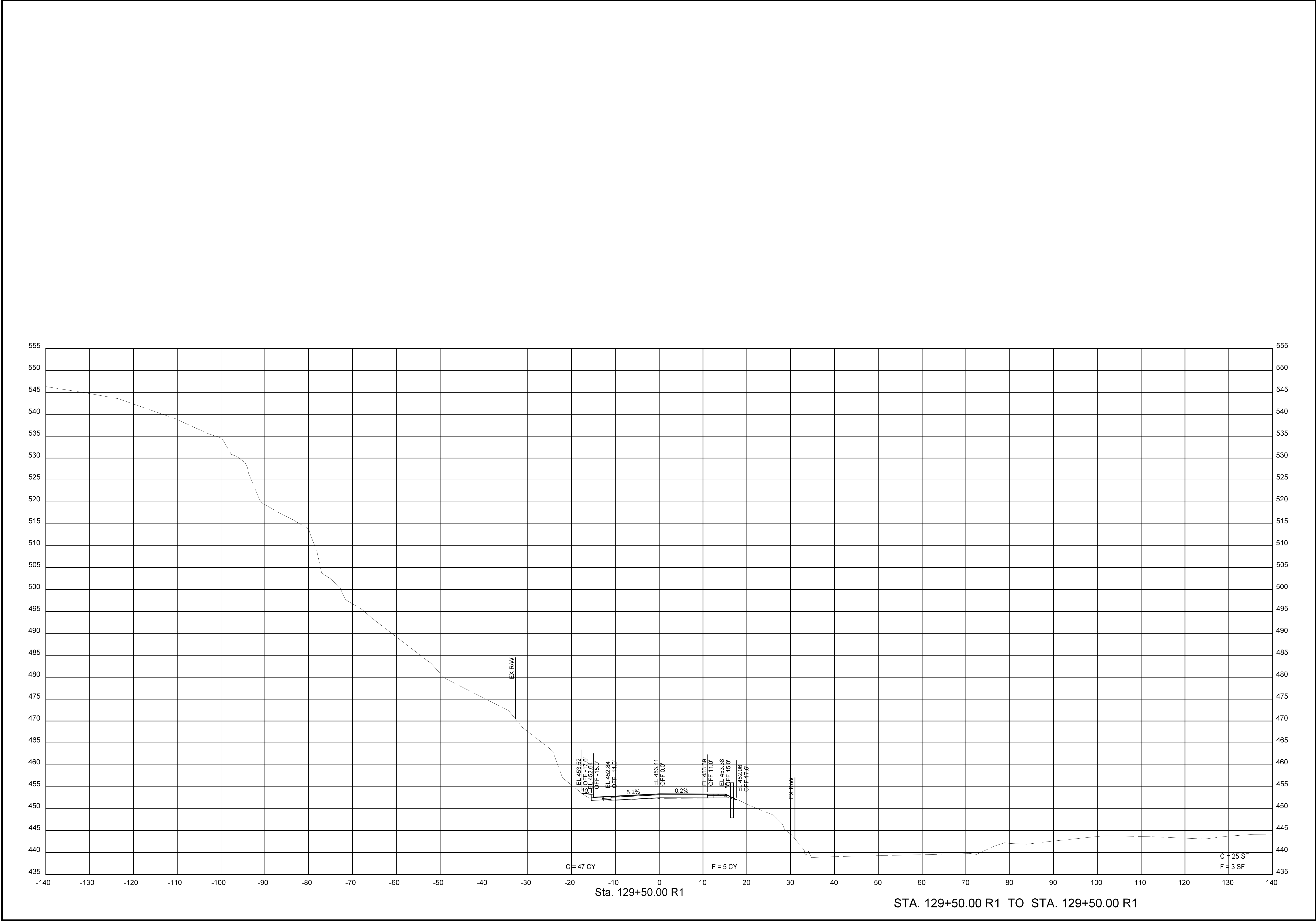


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STA. 129+00.00 R1 TO STA. 129+00.00 R1



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JEFFERSON COUNTY, MISSOURI

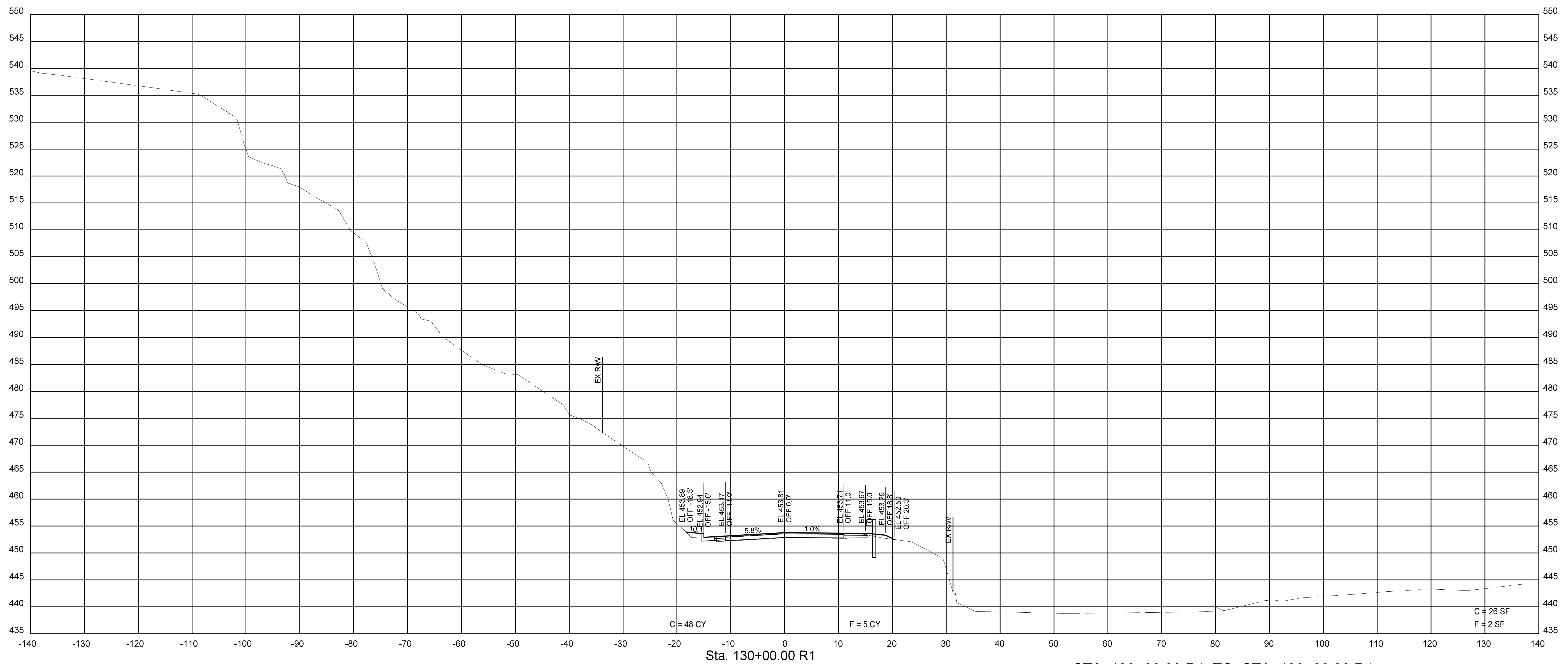
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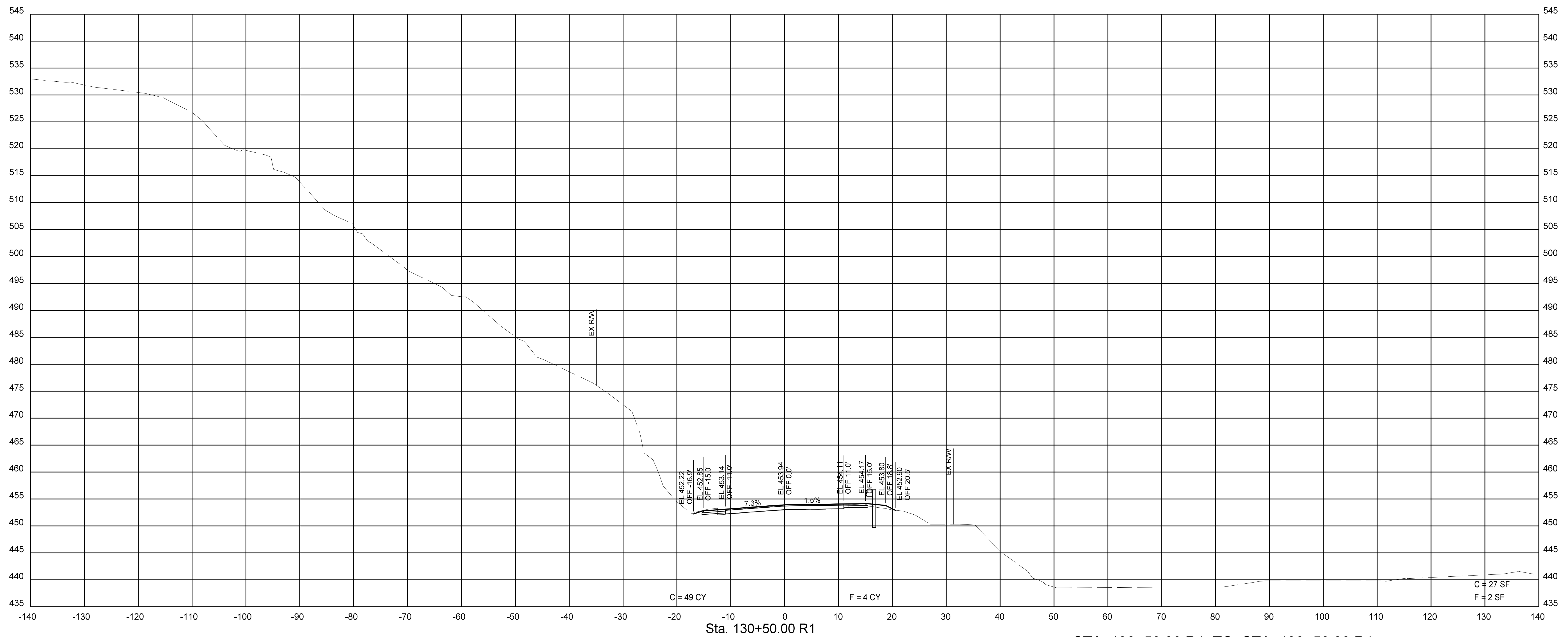

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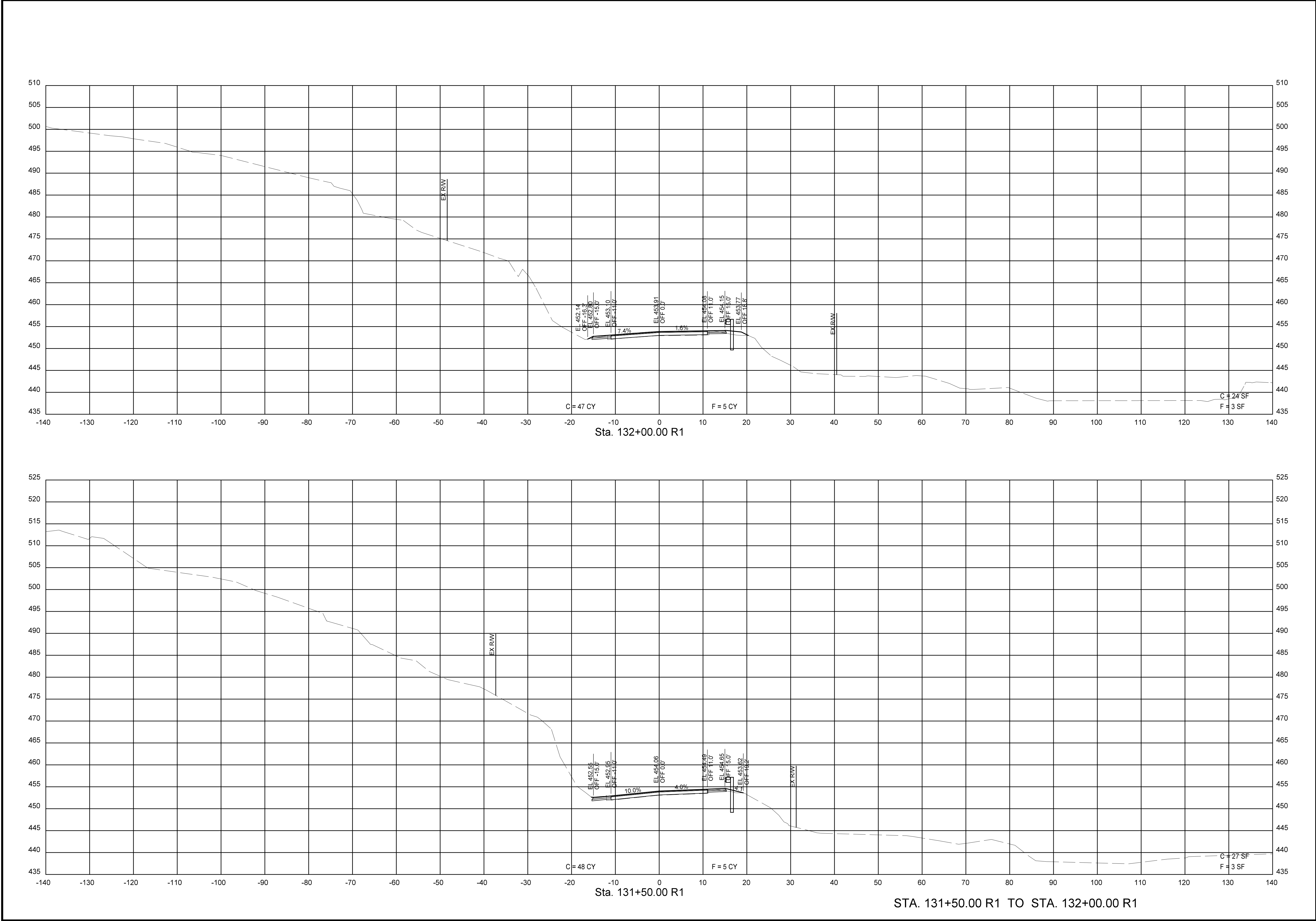
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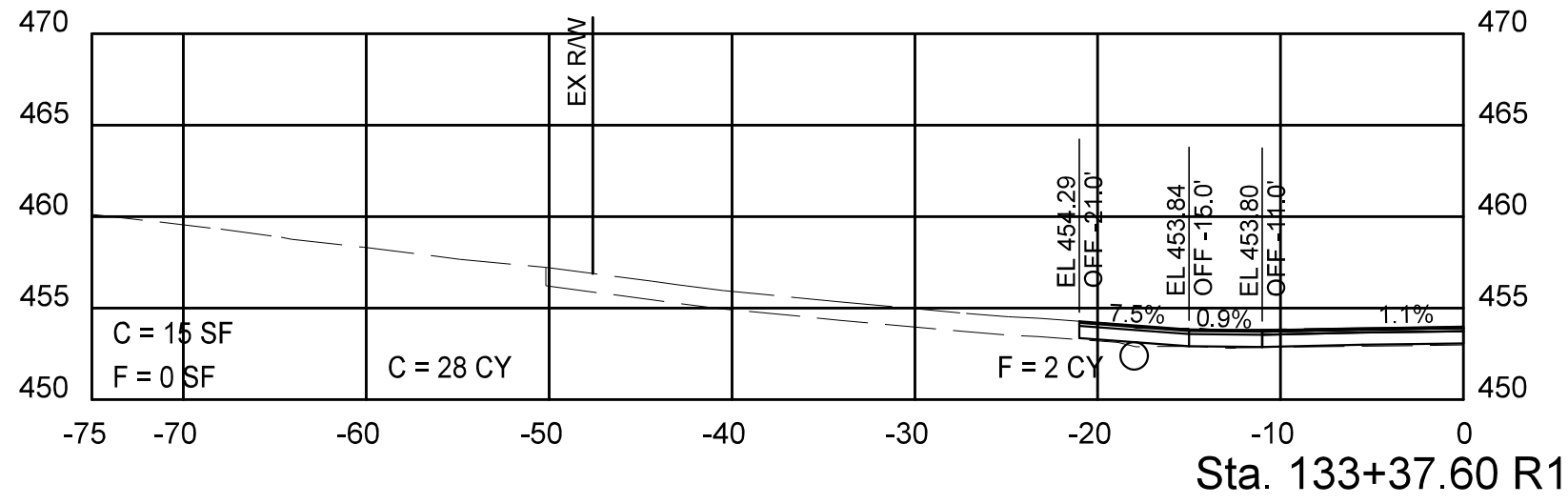
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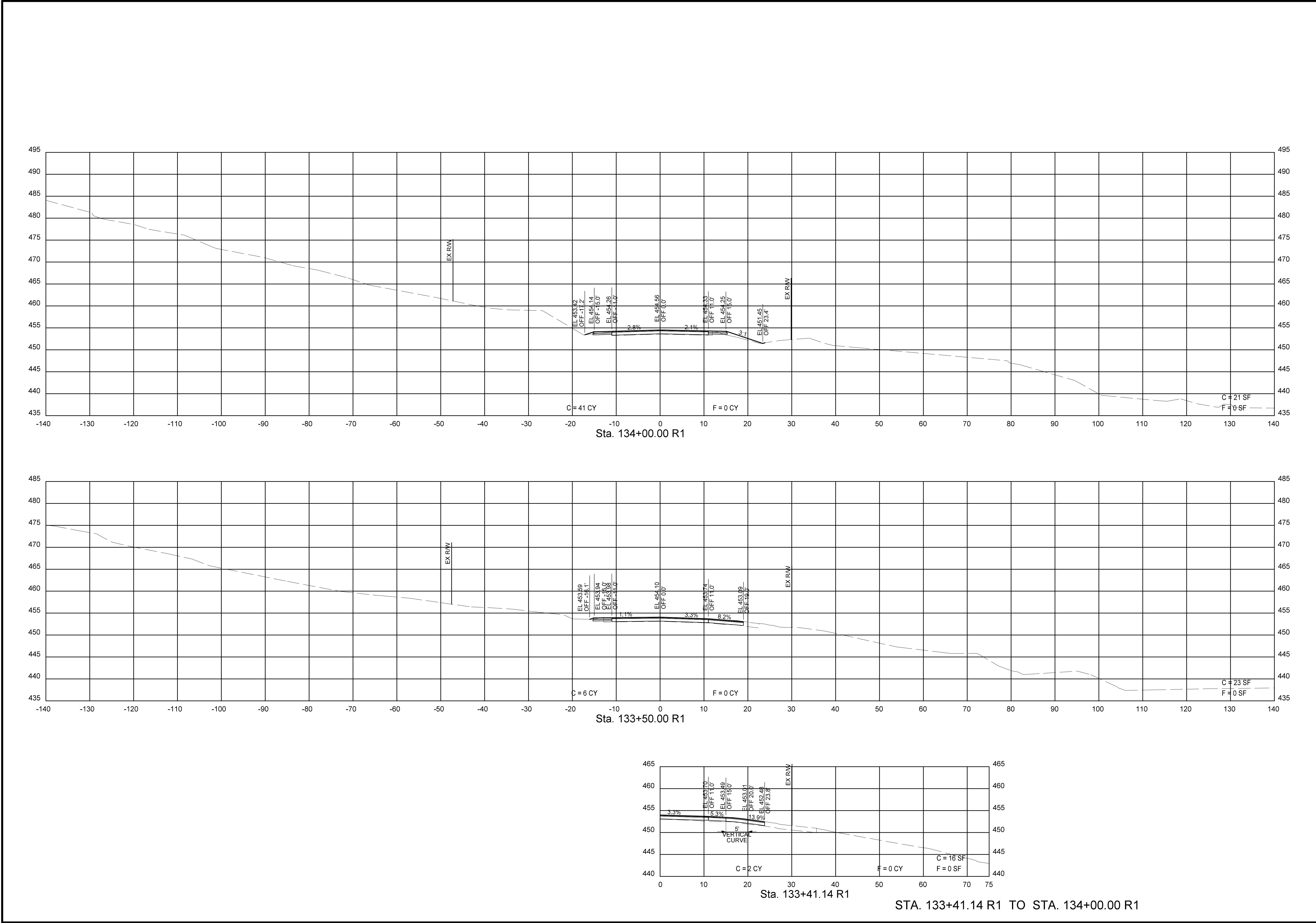
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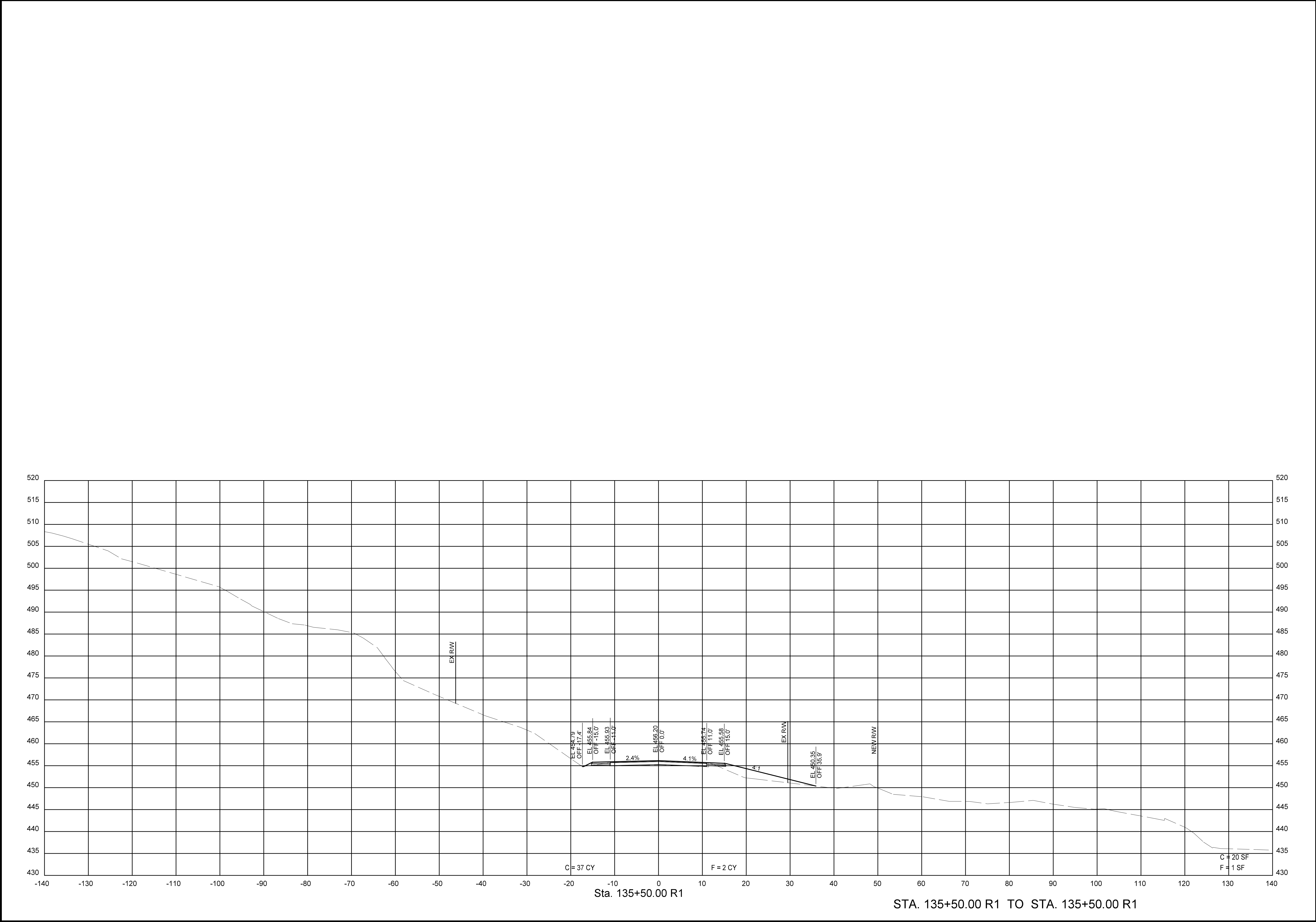


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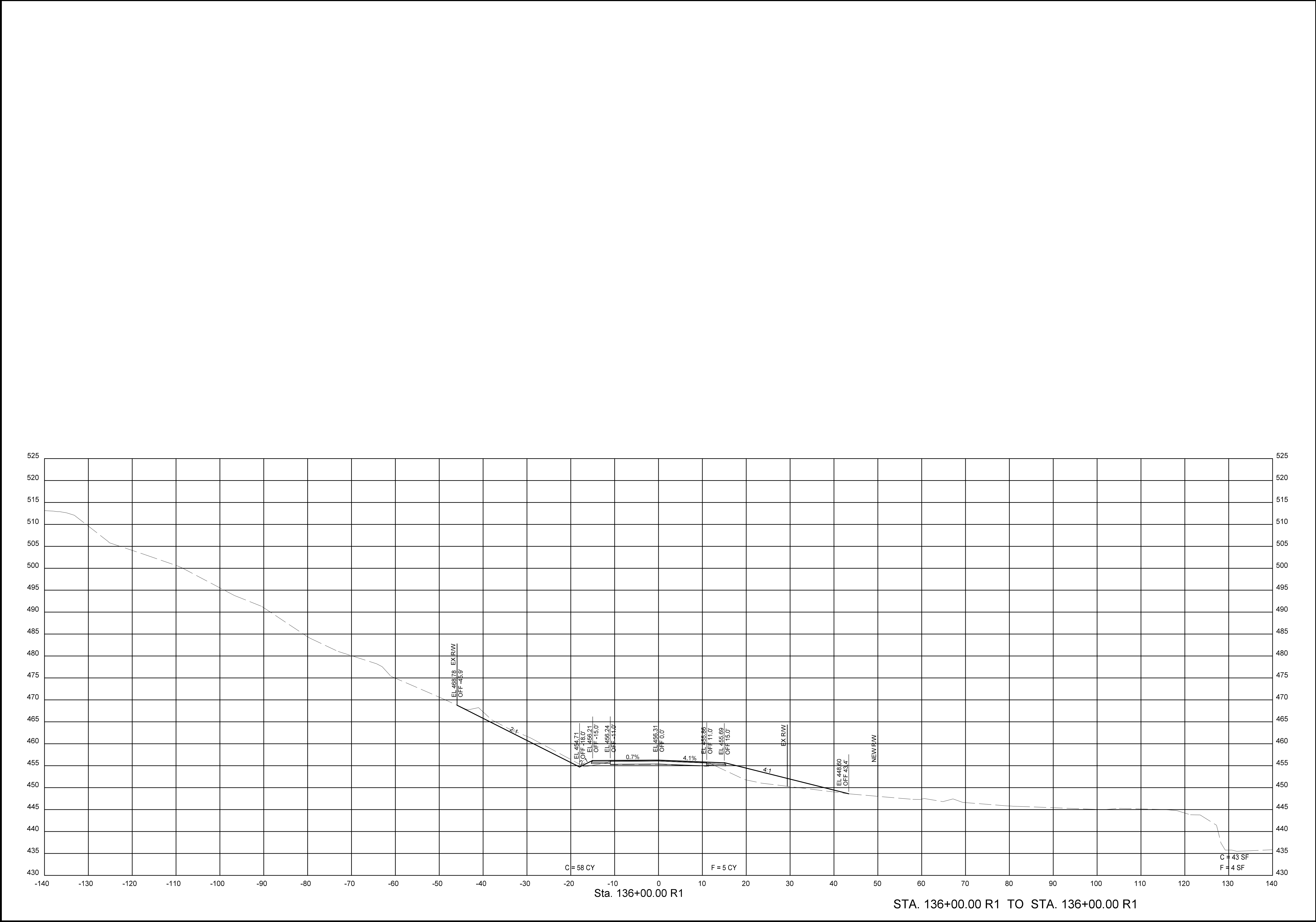
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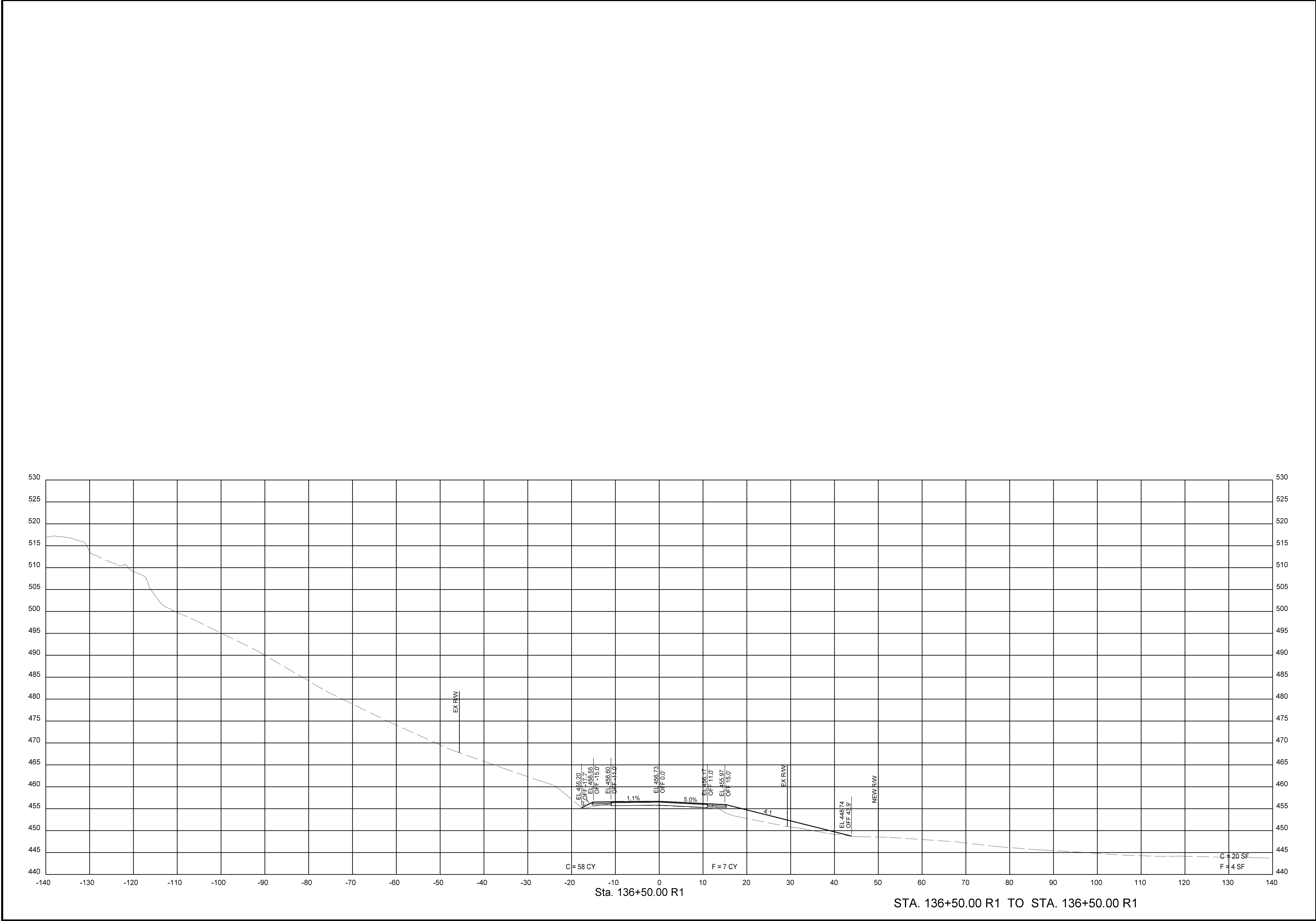
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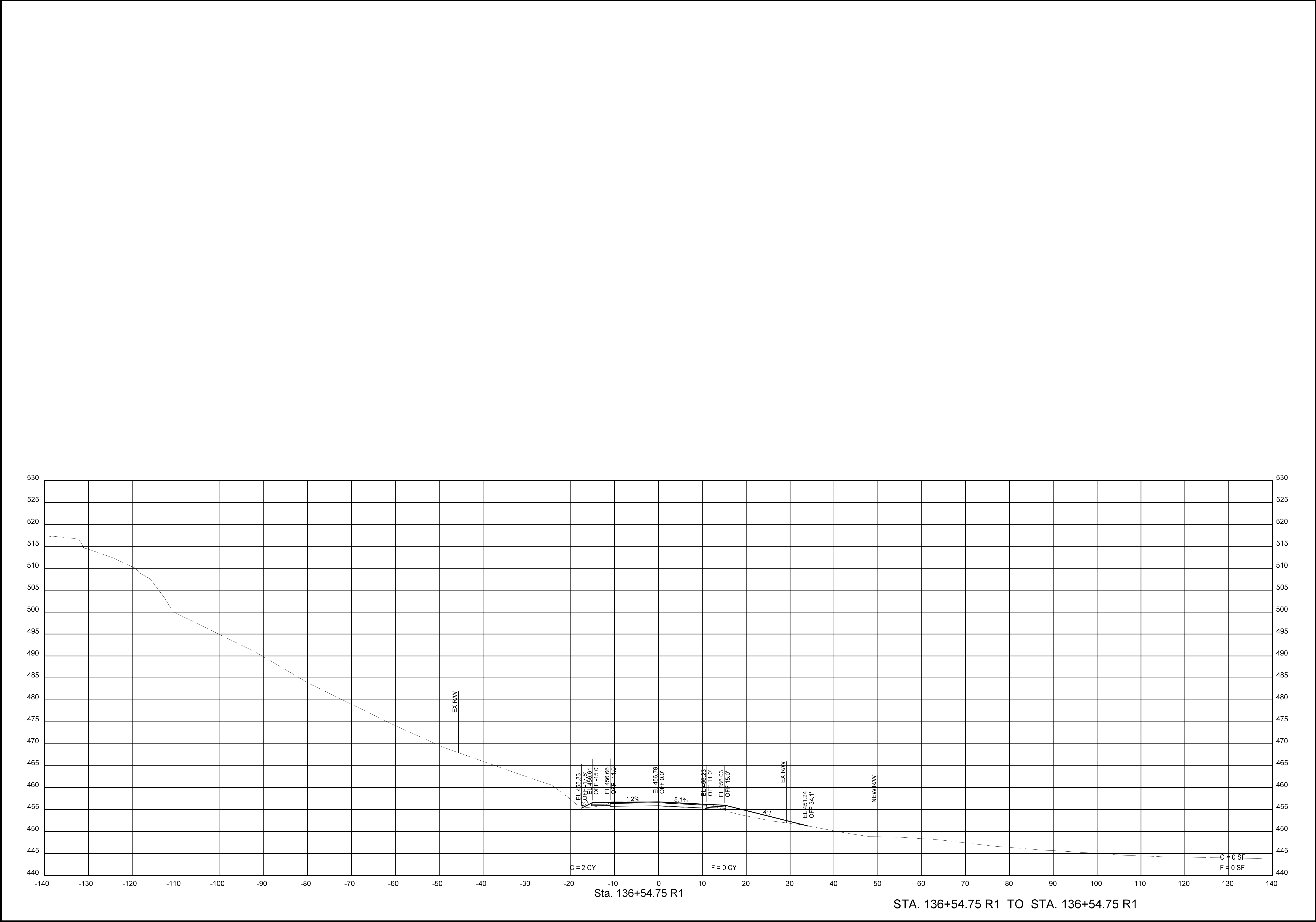
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7/14/2025



ENGINEER'S SEAL

PRELIMINARY

DATE PREPARED
7/14/2025

ROUTE
OLD M

DISTRICT

STATE
MO

SHEET NO.
42

COUNTY
JEFFERSON

JOB NO.
2303500

CONTRACT ID.

PROJECT NO.
STP-5445(605)

BRIDGE NO.

DATE	DESCRIPTION

JEFFERSON COUNTY, MISSOURI

MAPLE STREET ANNEX
725 MAPLE STREET
P.O. BOX 100
HILLSBORO, MO 63050
636-797-5340
www.jeffcomo.org



HORNER SHIFRIN

401 S. 18TH ST. STE. 400 ST. LOUIS, MO 63103
314-531-4321 • FAX 314-531-6966
WWW.HORNERSHIFRIN.COM
DISCIPLINE: PROFESSIONAL ENGINEERING
CERTIFICATE OF AUTHORITY: 000159
EXPIRATION DATE: DECEMBER 31, 2026

CROSS SECTIONS

OLD HIGHWAY M
SAFETY
IMPROVEMENTS

JEFFERSON COUNTY, MISSOURI

REV.

...\\REF\\2303500_XS.dgn

7/14/2025