

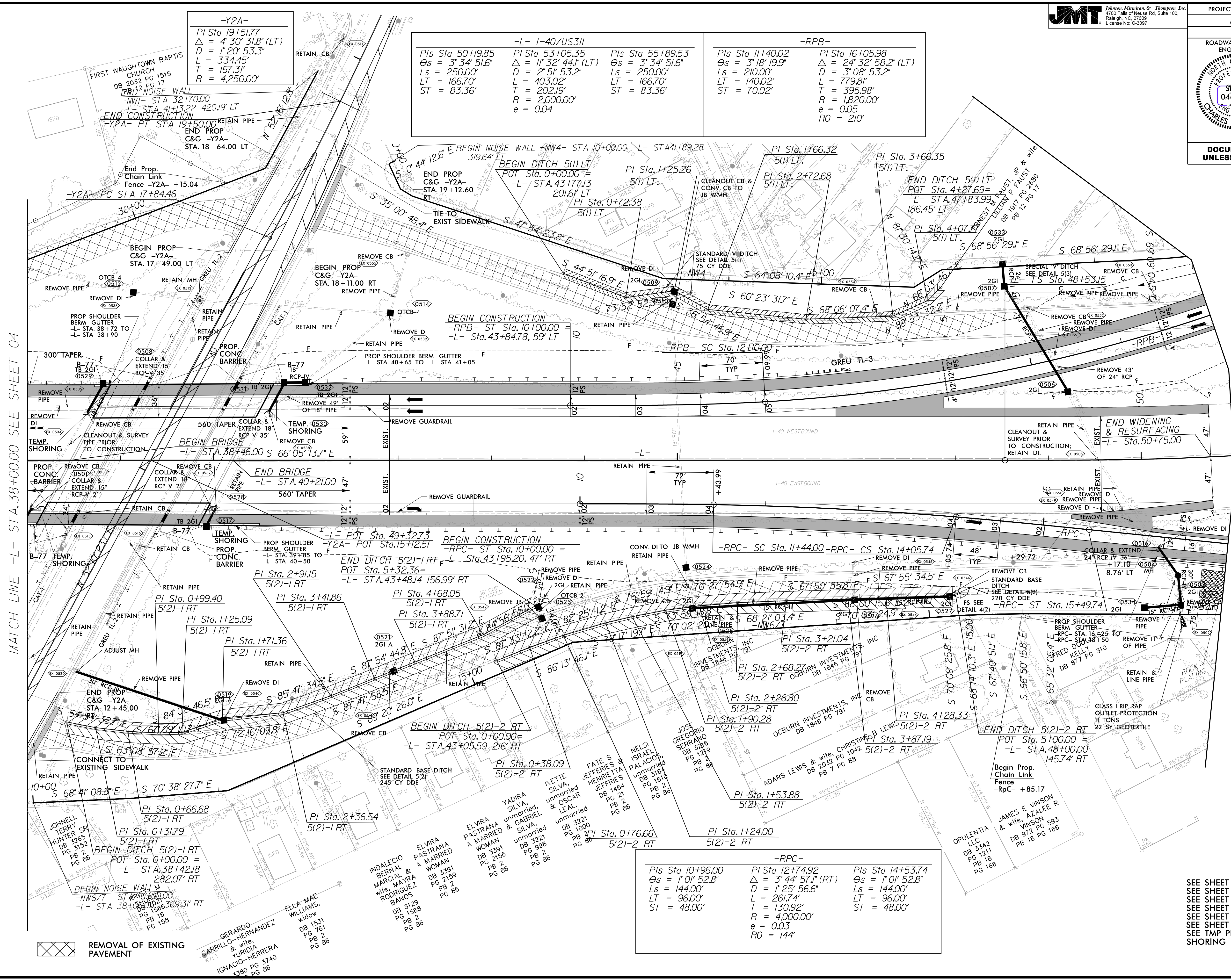
8/17/2025



PROJECT REFERENCE NO. 1-5880		SHEET NO. 05
RW SHEET NO.		
ROADWAY DESIGN ENGINEER 	HYDRAULICS ENGINEER 	
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED		

MATCH LINE -L- STA.38+00.00 SEE SHEET 04

MATCH LINE -L- STA.51+00.00 SEE SHEET 07

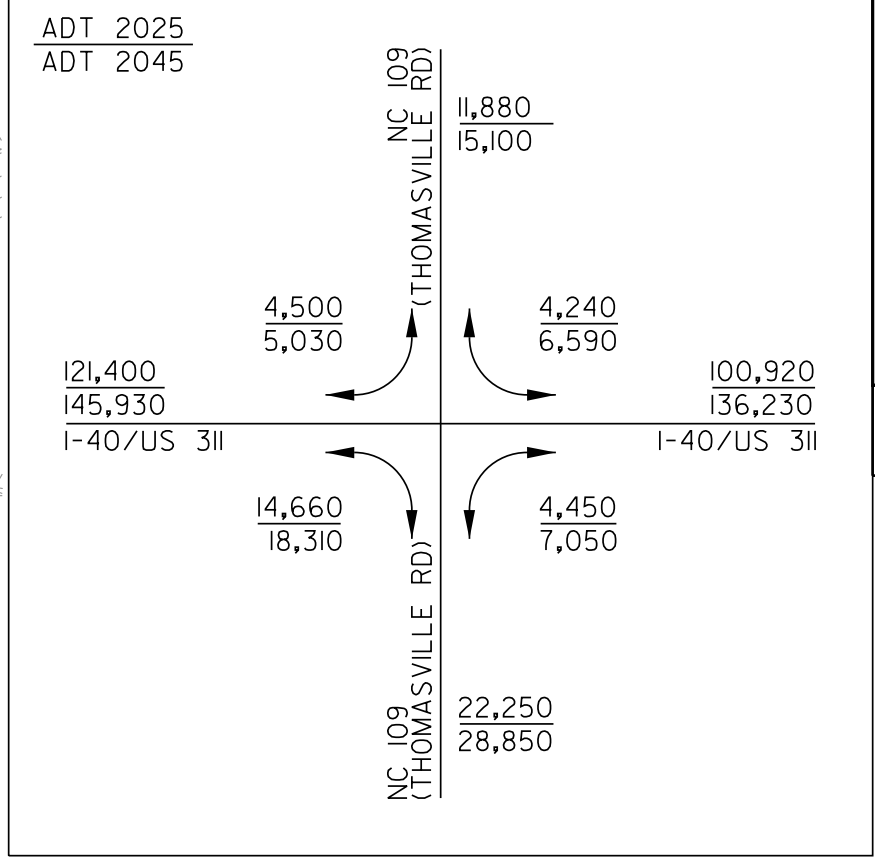
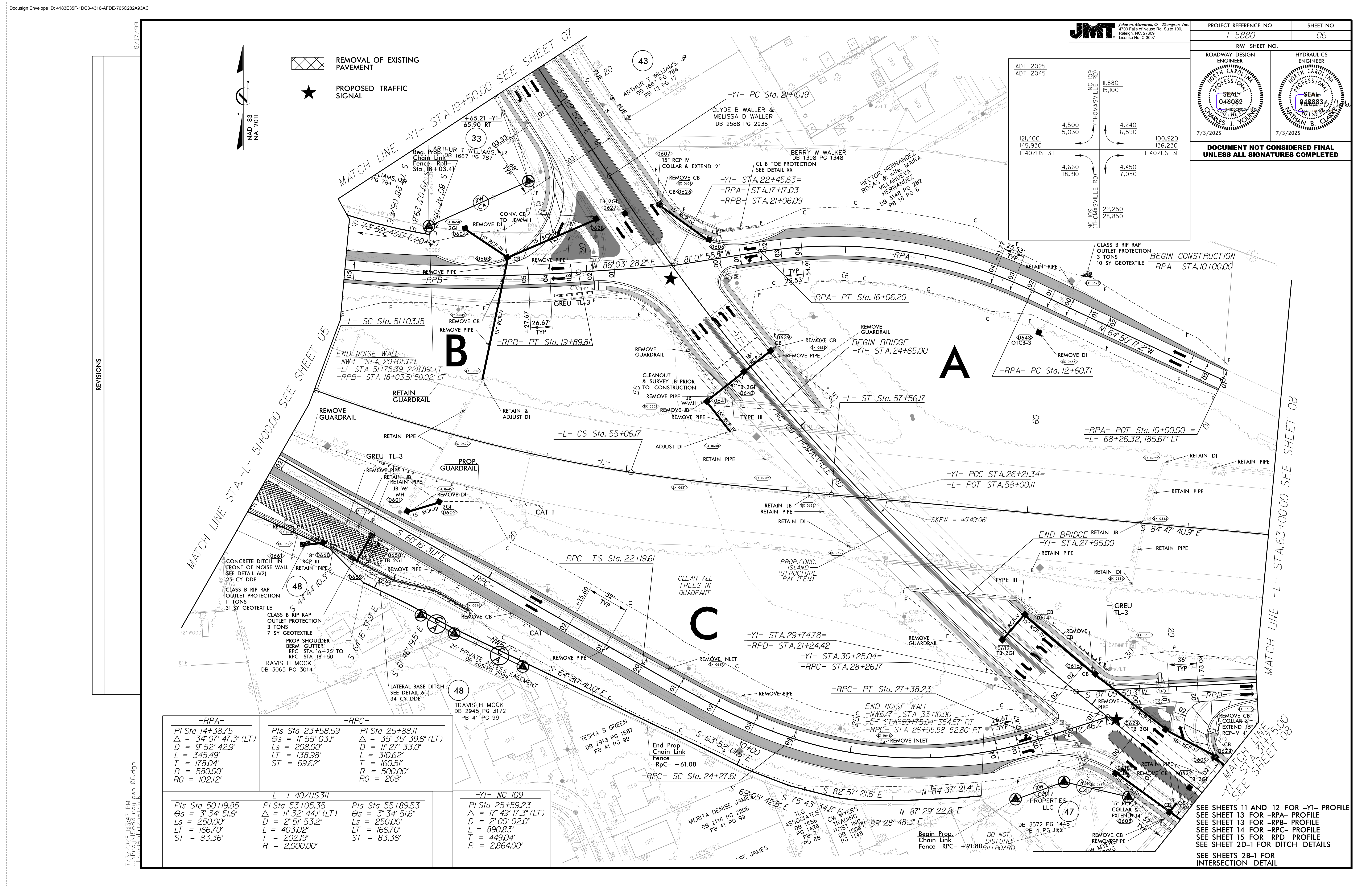


REMOVAL OF EXISTING PAVEMENT

-RPC-		
Pls Sta 10+96.00	Pls Sta 12+74.92	Pls Sta 14+53.74
Os = 1'01' 52.8"	Os = 3'44' 57.1" (RT)	Os = 1'01' 52.8"
Ls = 144.00'	D = 1'25' 56.6"	Ls = 144.00'
LT = 96.00'	L = 261.74'	LT = 96.00'
ST = 48.00'	T = 130.92'	ST = 48.00'
	R = 4,000.00'	
	e = 0.03	
	RO = 144'	

SEE SHEET 10 FOR -L- PROFILES
SEE SHEET 13 FOR -RPB- PROFILE
SEE SHEET 14 FOR -RPC- PROFILE
SEE SHEET 17 FOR DT5(1) LT. & DT5(2) LT.
SEE SHEET 2D-1 FOR DITCH DETAILS
SEE TWP PLANS FOR SHORING LOCATIONS

5/29/2025 10:40 PM
C:\Users\jmt\OneDrive\Documents\1-5880-05.dgn
jmt



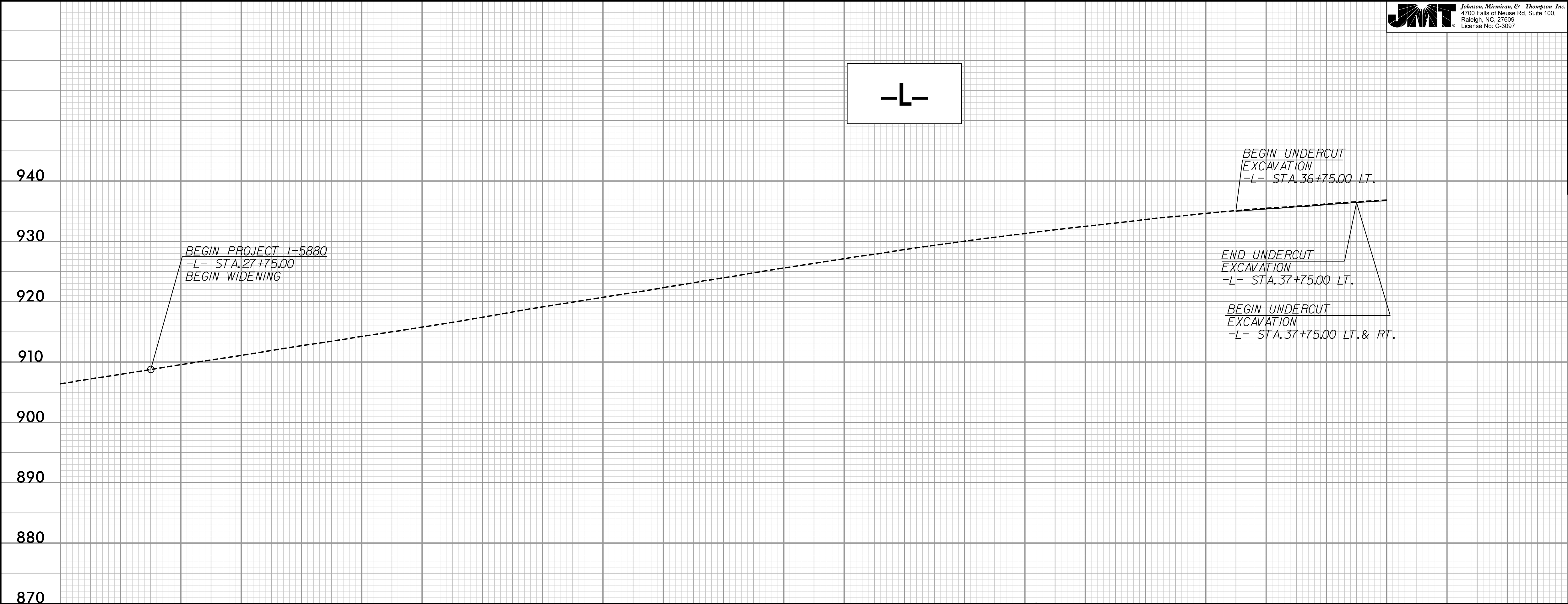
-RPA- PI Sta 14+38.75 Δ = 34° 07' 47.3" (LT) D = 9' 52' 42.9" L = 345.49' T = 178.04' R = 580.00' RO = 102.12'		-RPC- PI Sta 23+58.59 Δ = 11° 55' 03.1" Ls = 208.00' LT = 138.98' ST = 69.62'		-RPA- PI Sta 25+88.11 Δ = 35° 35' 39.6" (LT) D = 11° 27' 33.0" L = 310.62' T = 160.51' R = 500.00' RO = 208'	
-L- 1-40/US311 PI Sta 50+19.85 Δ = 3° 34' 51.6" Ls = 250.00' LT = 166.70' ST = 83.36'		-L- 1-40/US311 PI Sta 53+05.35 Δ = 11° 32' 44.1" (LT) D = 2° 51' 53.2" Ls = 403.02' LT = 166.70' ST = 83.36'		-L- 1-40/US311 PI Sta 55+89.53 Δ = 3° 34' 51.6" Ls = 250.00' LT = 166.70' ST = 83.36'	
-YI- NC 109 PI Sta 25+59.23 Δ = 17° 49' 17.3" (LT) D = 2° 00' 02.0" L = 890.83' T = 449.04' R = 2,864.00'		-YI- NC 109 PI Sta 25+59.23 Δ = 17° 49' 17.3" (LT) D = 2° 00' 02.0" L = 890.83' T = 449.04' R = 2,864.00'		-YI- NC 109 PI Sta 25+59.23 Δ = 17° 49' 17.3" (LT) D = 2° 00' 02.0" L = 890.83' T = 449.04' R = 2,864.00'	

SEE SHEETS 11 AND 12 FOR -YI- PROFILE
SEE SHEET 13 FOR -RPA- PROFILE
SEE SHEET 13 FOR -RPB- PROFILE
SEE SHEET 14 FOR -RPC- PROFILE
SEE SHEET 15 FOR -RPD- PROFILE
SEE SHEET 2D-1 FOR DITCH DETAILS
SEE SHEETS 2B-1 FOR
INTERSECTION DETAIL



SEE SHEET 12 FOR -Y1- PROFILE
SEE SHEET 15 FOR -RPD- PROFILE
SEE SHEETS 2B-3 FOR
INTERSECTION DETAIL

5/28/24

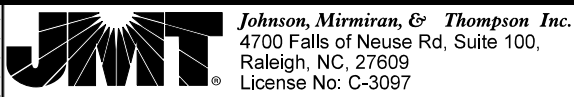
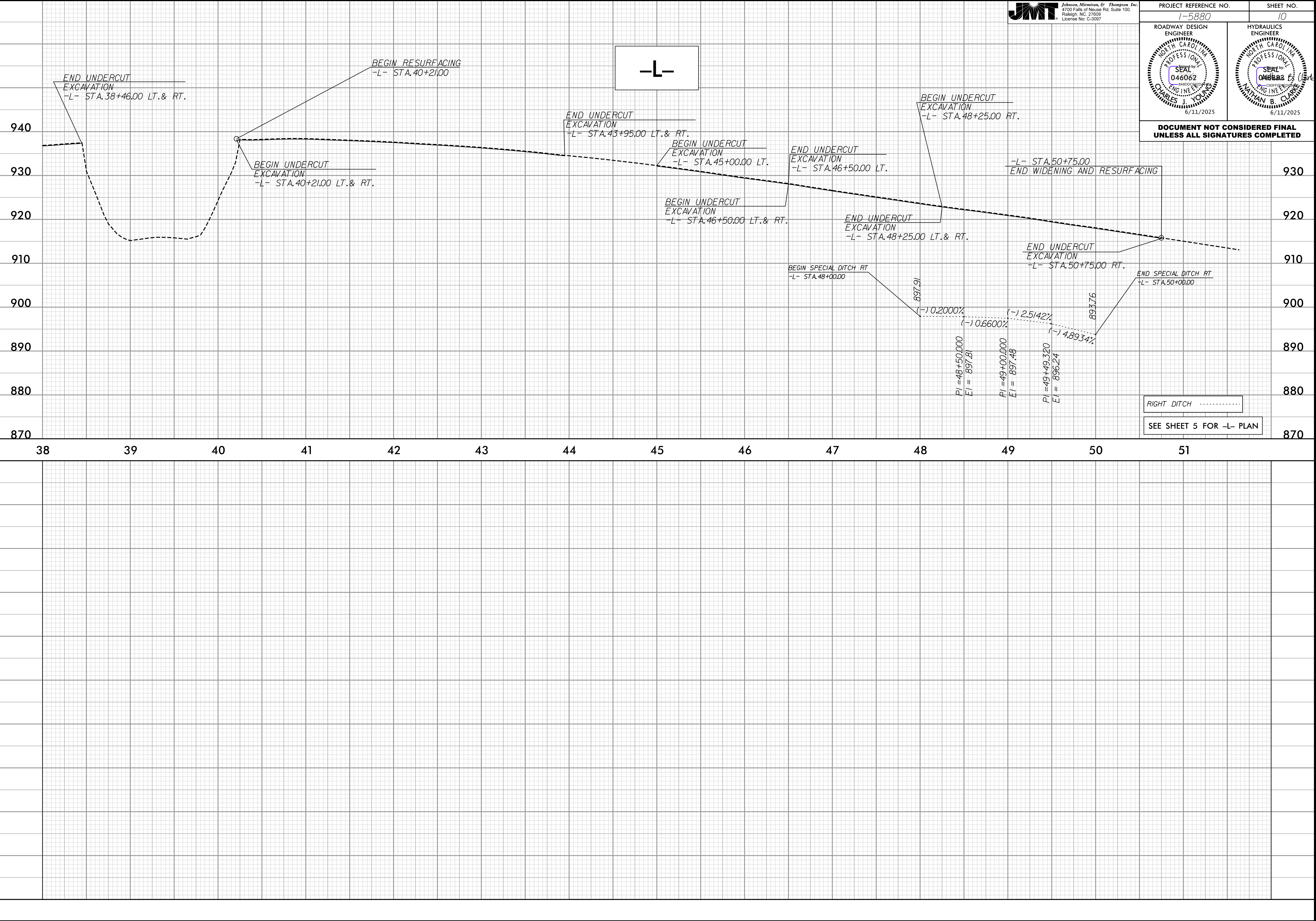


PROJECT REFERENCE NO. <i>I-5880</i>		SHEET NO. <i>09</i>
ROADWAY DESIGN ENGINEER CHARLES J. YOUNG 6/11/2025	HYDRAULICS ENGINEER NATHAN S. CLARK 6/11/2025	
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED		

SEE SHEET 4 FOR -L- PLAN

5/28/2025

5/12/2025 2:48:20 PM
I:\Projects\2025\05\0506\0506.dwg
msackthunders



PROJECT REFERENCE NO. 1-5880		SHEET NO. 10
ROADWAY DESIGN ENGINEER SEAL 046062 CHARLES J. YOUNG 6/11/2025	HYDRAULICS ENGINEER SEAL 046883 NATHAN B. CLARK 6/11/2025	
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED		

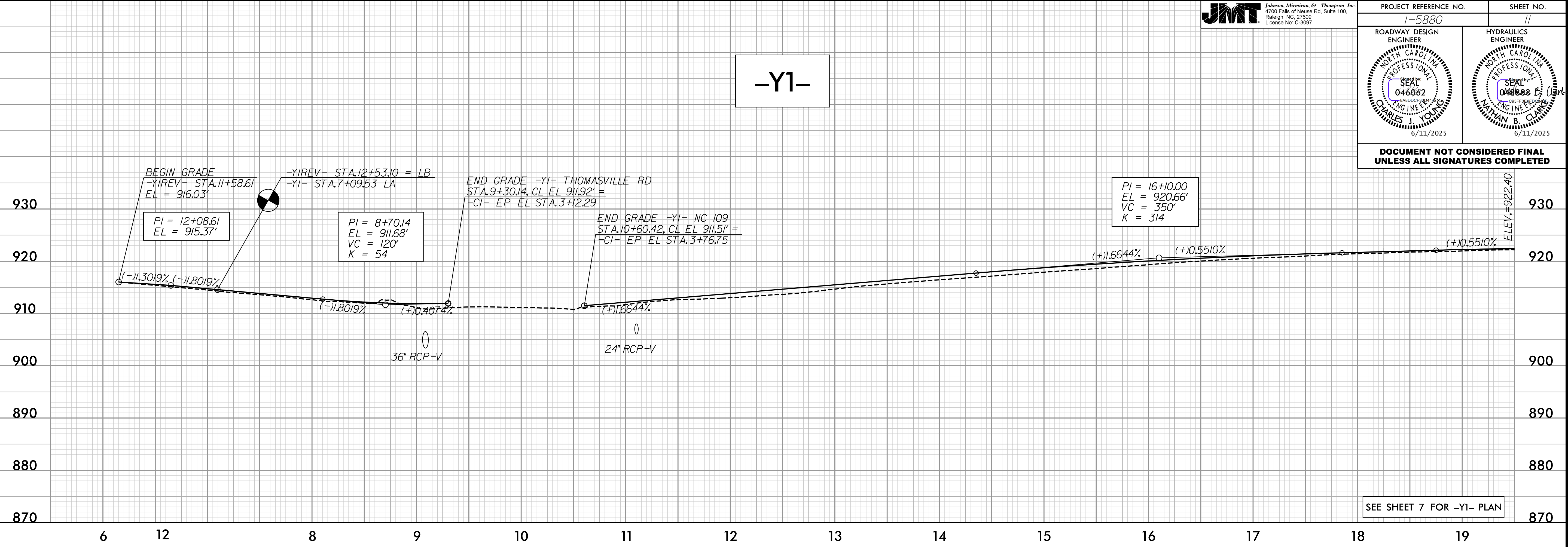
5/28/24

JMT

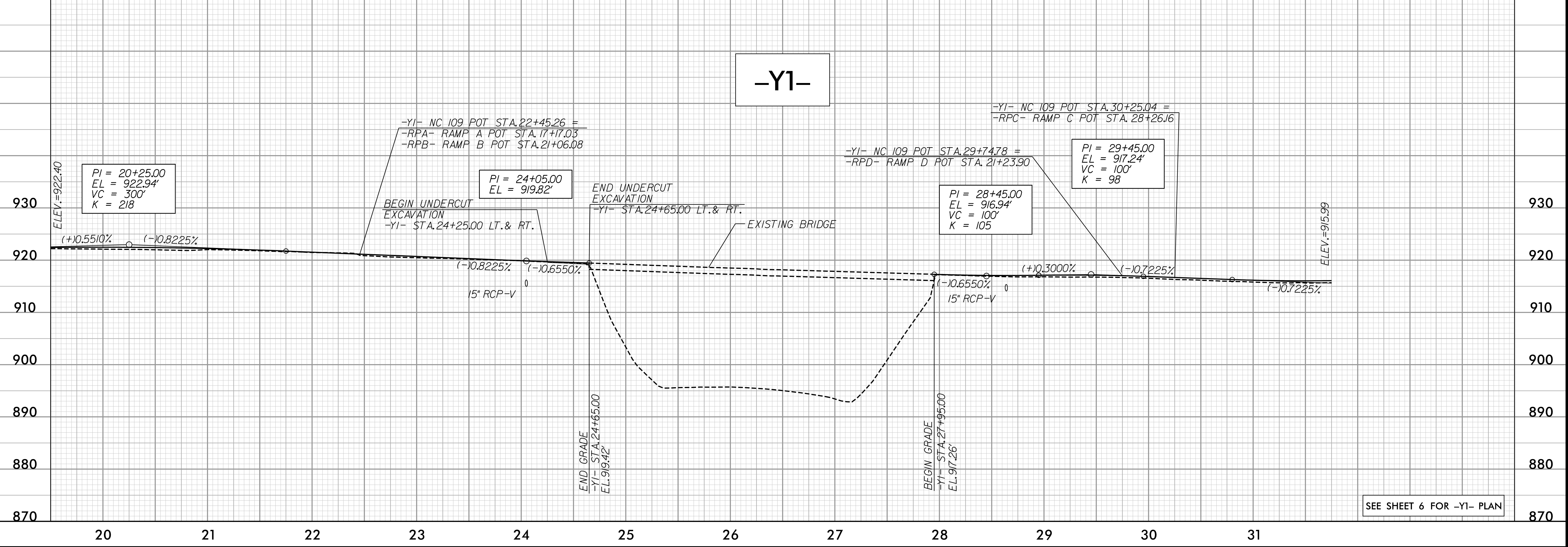
Johnson, Mirman, & Thompson Inc.
4700 Falls of Neuse Rd, Suite 100,
Raleigh, NC 27609
License No: C-3097

PROJECT REFERENCE NO. 1-5880		SHEET NO. 11
ROADWAY DESIGN ENGINEER NORTH CAROLINA PROFESSIONAL SEAL 046062 ENGINEER CHARLES J. YOUNG 6/11/2025	HYDRAULICS ENGINEER NORTH CAROLINA PROFESSIONAL SEAL 046062 ENGINEER NATHAN B. CLARK 6/11/2025	

DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED



4/1/2025 8:04:11 AM
m:\spec\15880\15880.dwg
m:\spec\15880\15880.dwg



5/28/2025

3/18/2025 2:43:30 PM
T:\Projects\2025\04\01\12.dgn
m:\scott\landford



Johnson, Mirman, & Thompson Inc.
4700 Falls of Neuse Rd. Suite 100,
Raleigh, NC 27609
License No: C-3097

PROJECT REFERENCE NO.

1-5880

SHEET NO.

12

ROADWAY DESIGN
ENGINEER

NORTH CAROLINA
PROFESSIONAL

SEAL

046062

ENGINEER

CHARLES J. YOUNG

6/11/2025

HYDRAULICS
ENGINEER

NORTH CAROLINA
PROFESSIONAL

SEAL

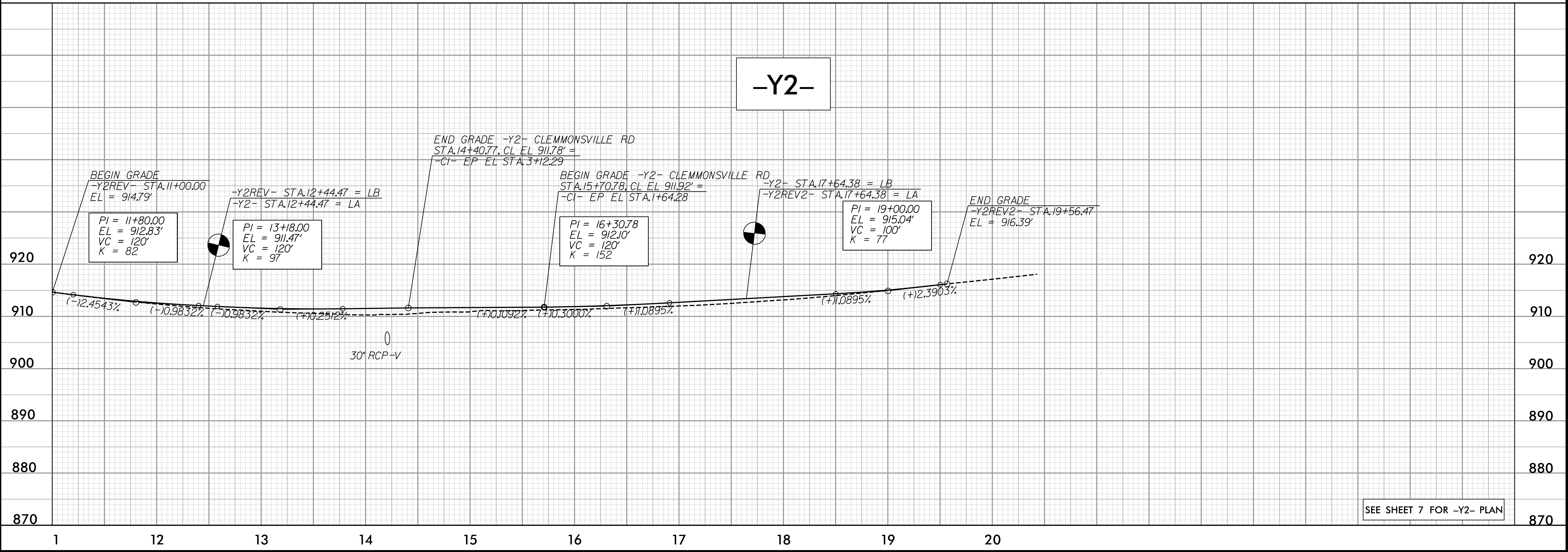
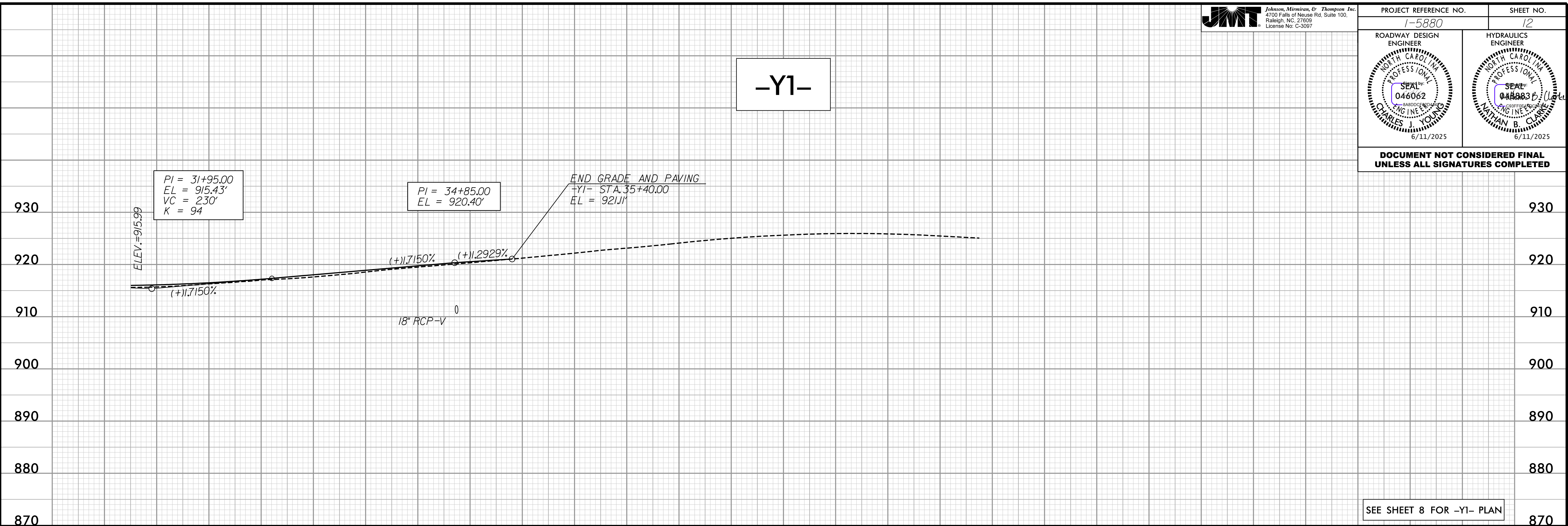
046062

ENGINEER

VATHAN B. CLARK

6/11/2025

DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED

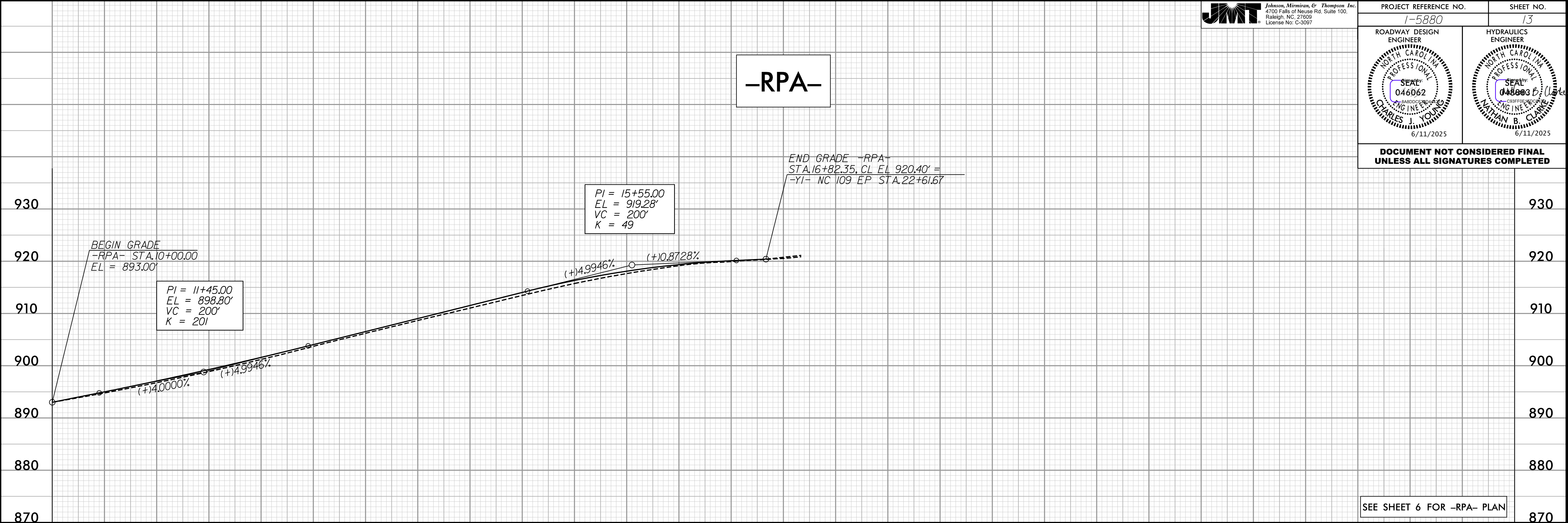


5/28/25

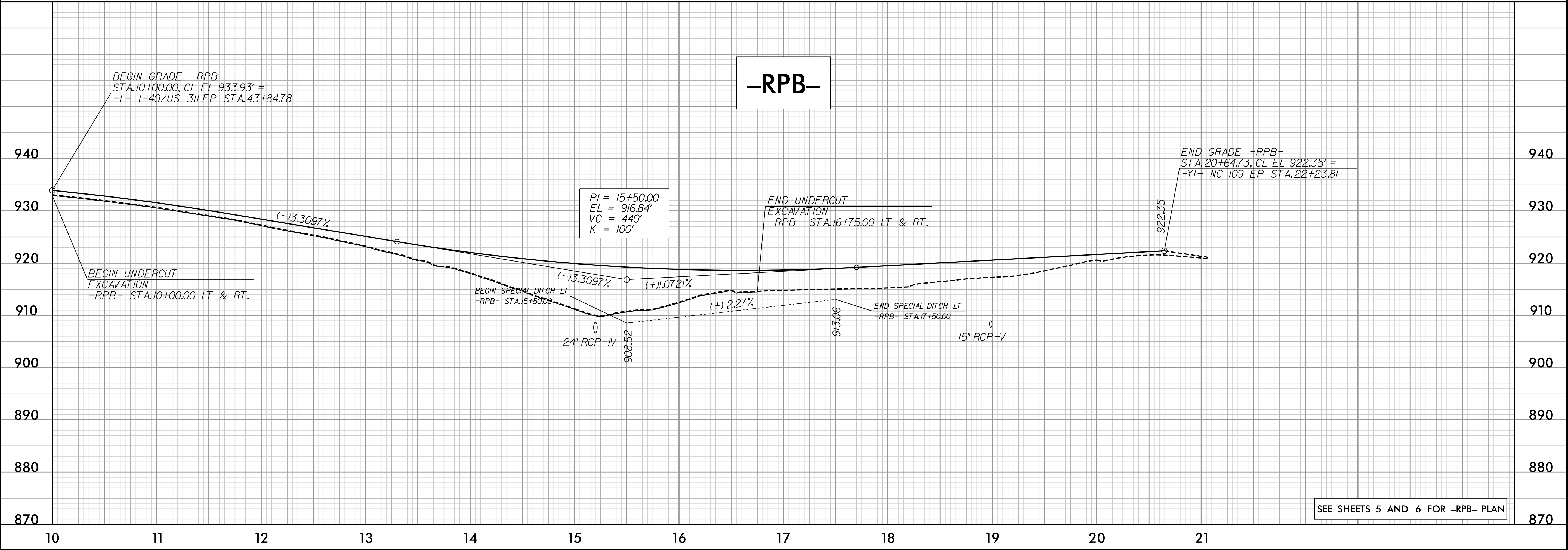
JMT

Johnson, Mirman, & Thompson Inc.
4700 Falls of Neuse Rd. Suite 100,
Raleigh, NC 27609
License No: C-3097

PROJECT REFERENCE NO. 1-5880		SHEET NO. 13
ROADWAY DESIGN ENGINEER NORTH CAROLINA PROFESSIONAL SEAL 046062 ENGINEER CHARLES J. YOUNG 6/11/2025	HYDRAULICS ENGINEER NORTH CAROLINA PROFESSIONAL SEAL 046062 ENGINEER NATHAN B. CLARK 6/11/2025	
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED		



3/18/2025 3:00:35 PM
1-5880.dgn
m:\spec\planford



5/28/25



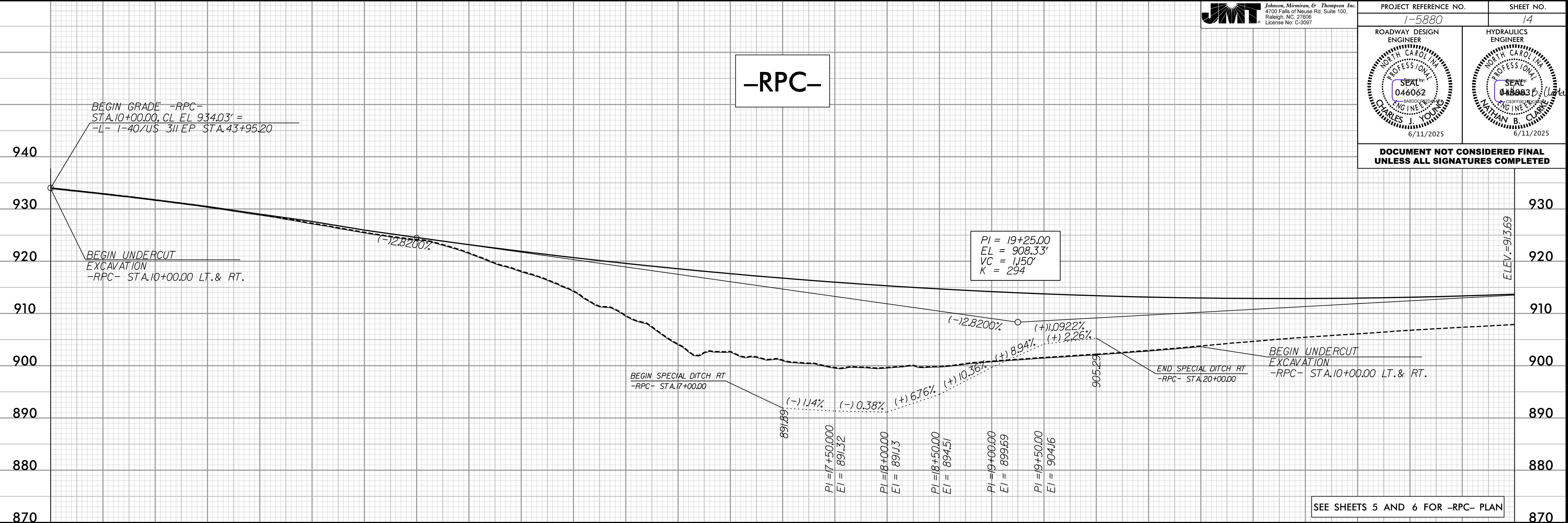
Johnson, Mirman, & Thompson Inc.

4700 Falls of Neuse Rd, Suite 100,

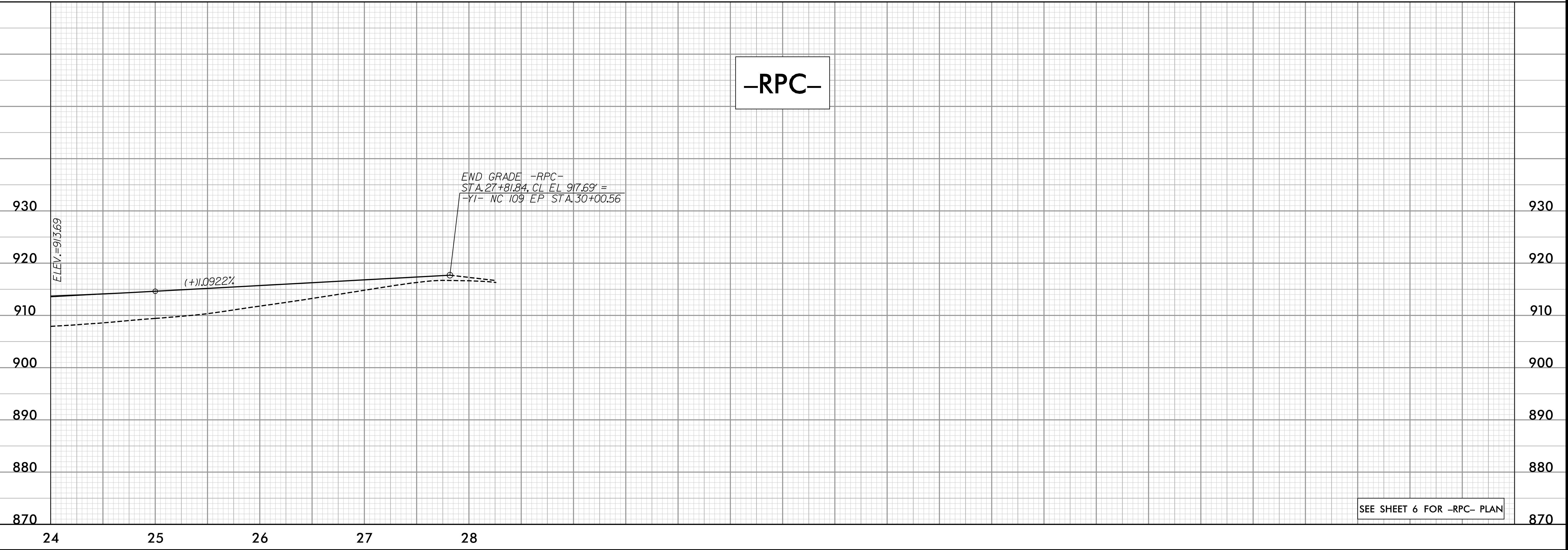
Raleigh, NC 27609

License No: C-3097

PROJECT REFERENCE NO. 1-5880		SHEET NO. 14
ROADWAY DESIGN ENGINEER NORTH CAROLINA PROFESSIONAL SEAL 046062 ENGINEER CHARLES J. YOUNG 6/11/2025	HYDRAULICS ENGINEER NORTH CAROLINA PROFESSIONAL SEAL 048883 ENGINEER NATHAN B. CLARK 6/11/2025	
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED		



3/19/2025 3:46:06 PM
1-5880-04-f1-14.dgn
m:\spec\landford

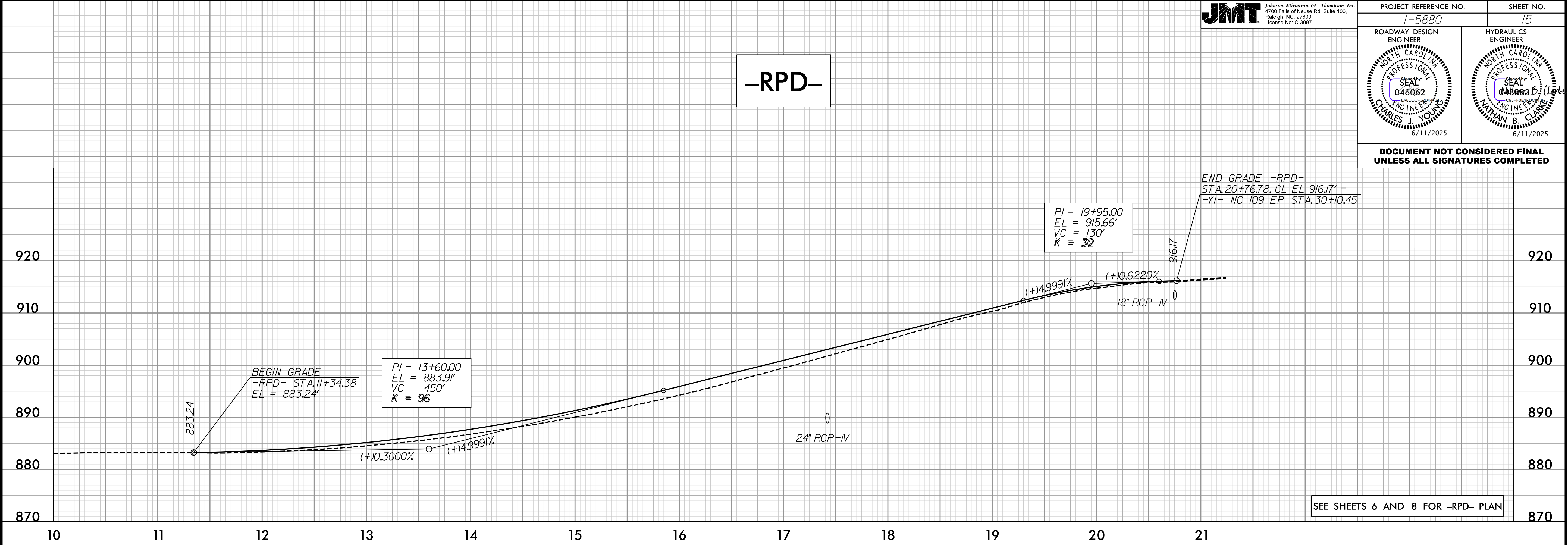


5/28/25

JMT

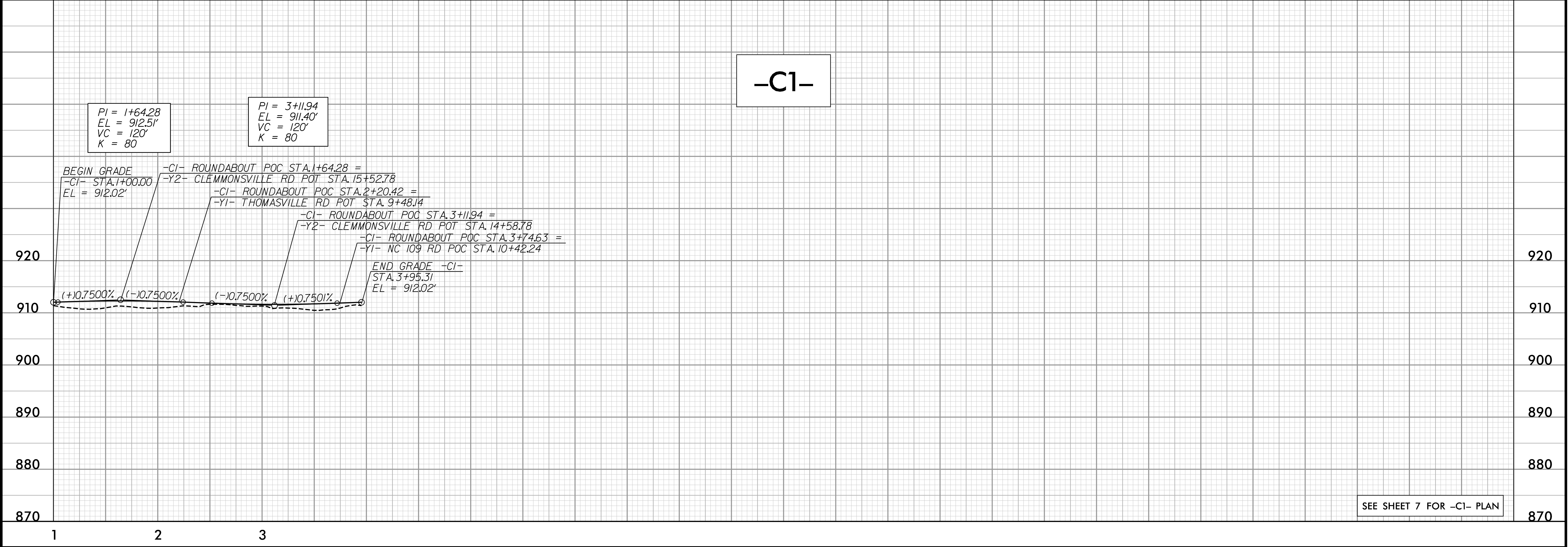
Johnson, Mirman, & Thompson Inc.
4700 Falls of Neuse Rd. Suite 100,
Raleigh, NC 27609
License No: C-3097

PROJECT REFERENCE NO.		SHEET NO.
I-5880		15
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER	
NORTH CAROLINA PROFESSIONAL SEAL 046062 ENGINEER CHARLES J. YOUNG 6/11/2025	NORTH CAROLINA PROFESSIONAL SEAL 046063 ENGINEER NATHAN B. CLARK 6/11/2025	
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED		



2/6/2025 11:52:19 AM
I:\Projects\15880-rd\pfl-15.dgn
User: jmt

-C1-



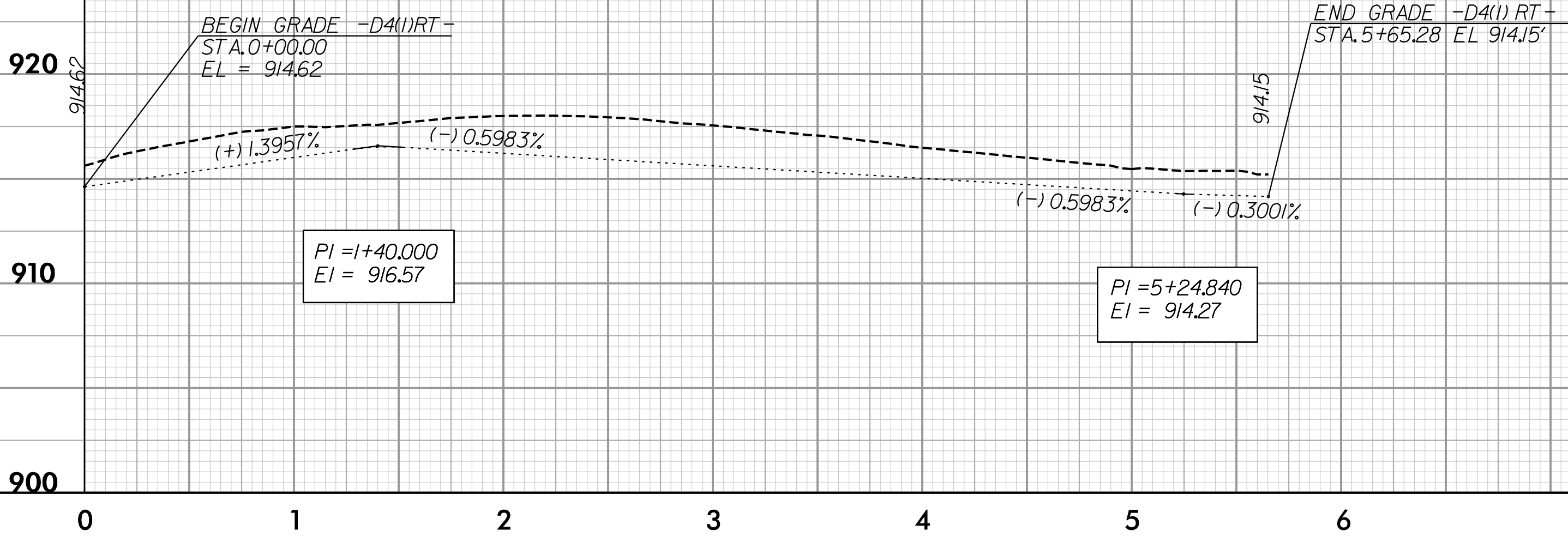
5/28/24

JMT

Johnson, Mirman, & Thompson Inc.
4700 Falls of Neuse Rd. Suite 100,
Raleigh, NC 27609
License No: C-3097

PROJECT REFERENCE NO. 1-5880		SHEET NO. 16
ROADWAY DESIGN ENGINEER NORTH CAROLINA PROFESSIONAL SEAL 046062 ENGINEER CHARLES J. YOUNG 6/11/2025	HYDRAULICS ENGINEER NORTH CAROLINA PROFESSIONAL SEAL 048883 ENGINEER NATHAN B. CLARK 6/11/2025	
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED		

-DT4(1) RT-



SEE SHEET 2D-1 FOR DITCH DETAIL 4(1)

SEE SHEET 4 FOR -DT4(1) RT- PLAN

900

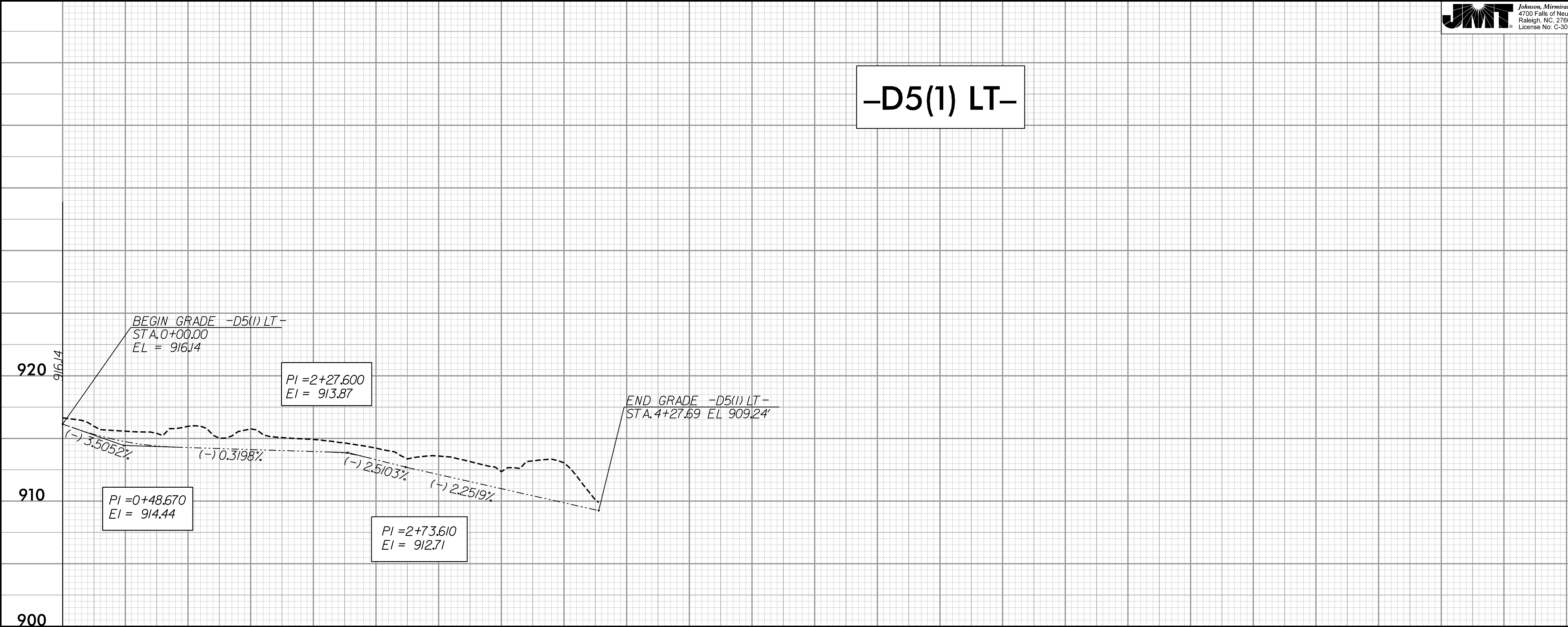
3/17/2025 1:59:43 PM
1-5880-dt4-f1-16.dgn
m:\spec\landford

5/28/24

JMT

Johnson, Mirman, & Thompson Inc.
4700 Falls of Neuse Rd. Suite 100,
Raleigh, NC 27609
License No: C-3097

PROJECT REFERENCE NO. 1-5880		SHEET NO. 17
ROADWAY DESIGN ENGINEER NORTH CAROLINA PROFESSIONAL SEAL 046062 CHARLES J. YOUNG 6/11/2025	HYDRAULICS ENGINEER NORTH CAROLINA PROFESSIONAL SEAL 046883 NATHAN B. CLARK 6/11/2025	
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED		



3/17/2025 2:03:51 PM
1-5880.dgn
\\server\landford

