

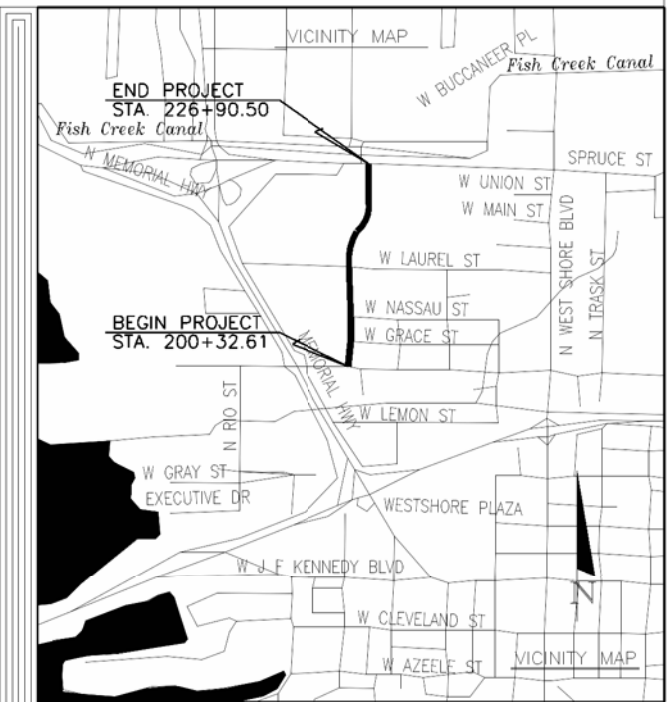


CITY OF TAMPA ROADWAY IMPROVEMENTS

OBRIEN STREET FROM SPRUCE STREET TO CYPRESS STREET ALIGNMENT STUDY

FILE NO. _____ JOB NO. _____

TRANSPORTATION DIVISION
CITY OF TAMPA, FLORIDA
DEPARTMENT OF PUBLIC WORKS



INDEX OF DRAWINGS

SHEET NO	DESCRIPTION
1	INDEX & VICINITY MAP
2	TYPICAL SECTION
3-8	PLAN
9-13	PROFILE
14-33	CROSS SECTIONS

STANDARD DRAWINGS & INDICES

The contractor shall follow applicable City of Tampa Standard Drawings. These are available at City Hall Annex, 306 E. Jackson St., 5th floor, north wing. Where applicable, Florida Department of Transportation Roadway and Traffic Design Standards, January 2010 shall be followed.



201 N. FRANKLIN STREET
SUITE 550
TAMPA, FL 33602
(813) 402-4150
CERT. OF AUTH. NO. 6500

APPROVED BY:

JAMES BURNSIDE, P.E.
STREETS ENGINEER
DEPARTMENT OF PUBLIC WORKS

ENGINEER OF RECORD

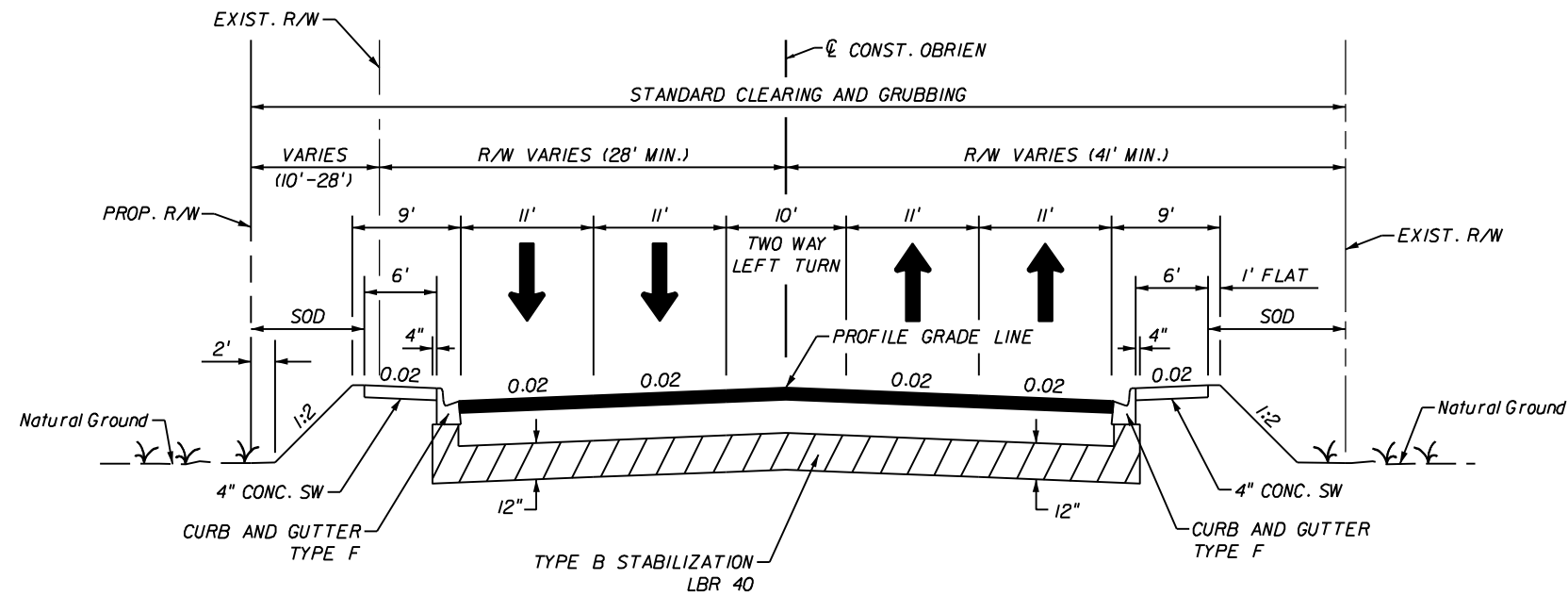
ROBIN HERNANDEZ
P.E. NO. 68411

ROADWAY PLANS

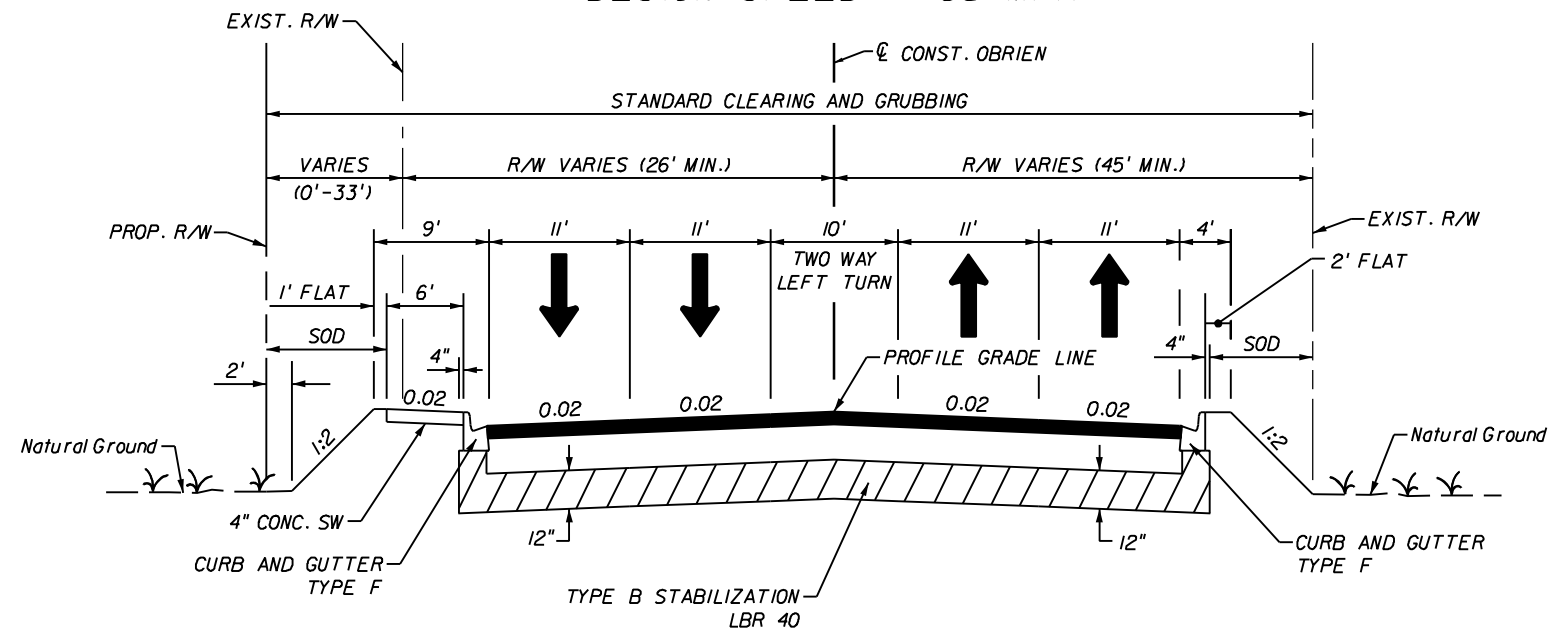
APPROVED BY
DATE
P.E. NO.

CERTIFICATION

Sheet 1 to 33 Inclusive, Certified By:



TYPICAL SECTION
 O'BRIEN STREET
 (FROM CYPRESS STREET TO LAUREL STREET)
 STA. 200+32.61 TO STA. 213+30.76
 DESIGN SPEED = 35 MPH



TYPICAL SECTION
 O'BRIEN STREET
 (FROM LAUREL STREET TO SPRUCE STREET)
 STA. 213+30.76 TO STA. 226+90.50
 DESIGN SPEED = 35 MPH



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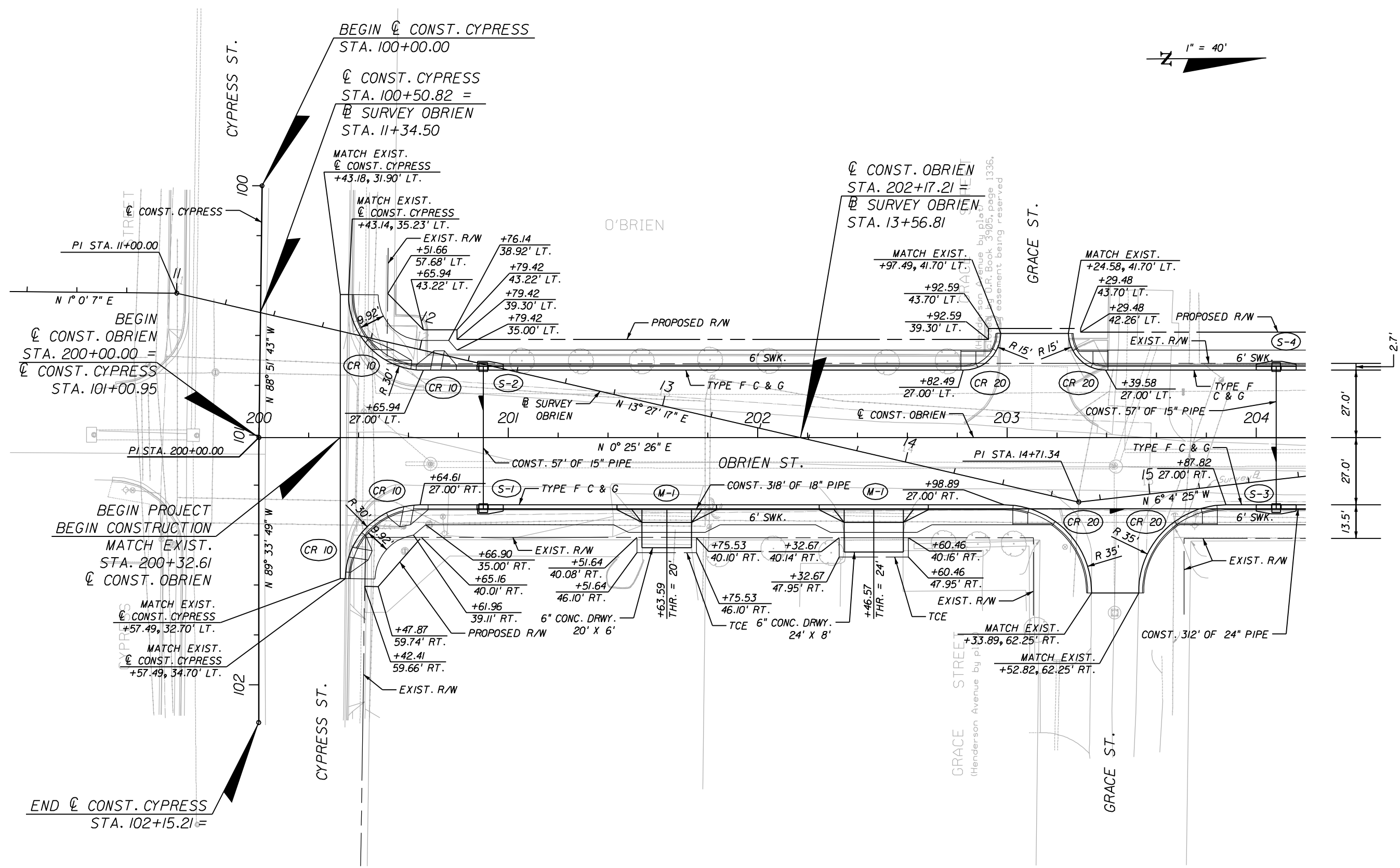
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					By:

CITY OF TAMPA
 DEPARTMENT OF PUBLIC WORKS
 TRANSPORTATION DIVISION

**TYPICAL SECTION
 O'BRIEN STREET
 FROM CYPRESS STREET
 TO SPRUCE STREET**

Field Book:	
Atlas Sheet:	
File No.	Index No.
Job No.	
SCALE: NTS	
SHEET 2 OF 33	

1" = 40'



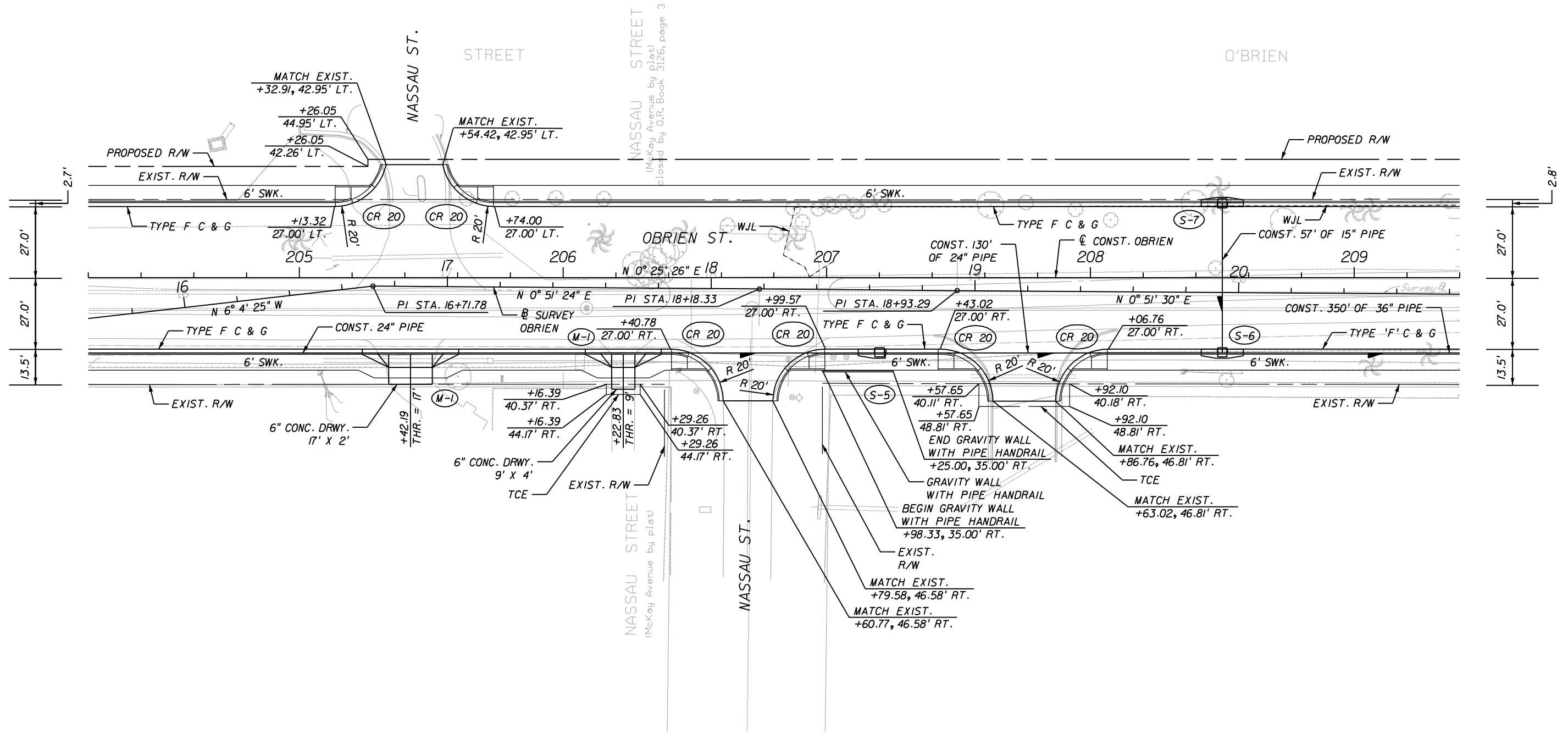
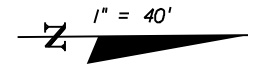
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Reviewed:	Date:	Δ			
Approved:	Date:	Δ			
Approved:	Date:	Δ	No.	Date:	Revision:
					By:

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 TRANSPORTATION DIVISION

ROADWAY PLAN (01)
O'BRIEN STREET
ROADWAY IMPROVEMENTS

Field Book:	
Atlas Sheet:	
File No.:	Index No.
Job No.:	
SCALE:	1" = 40'
SHEET	3 OF 33



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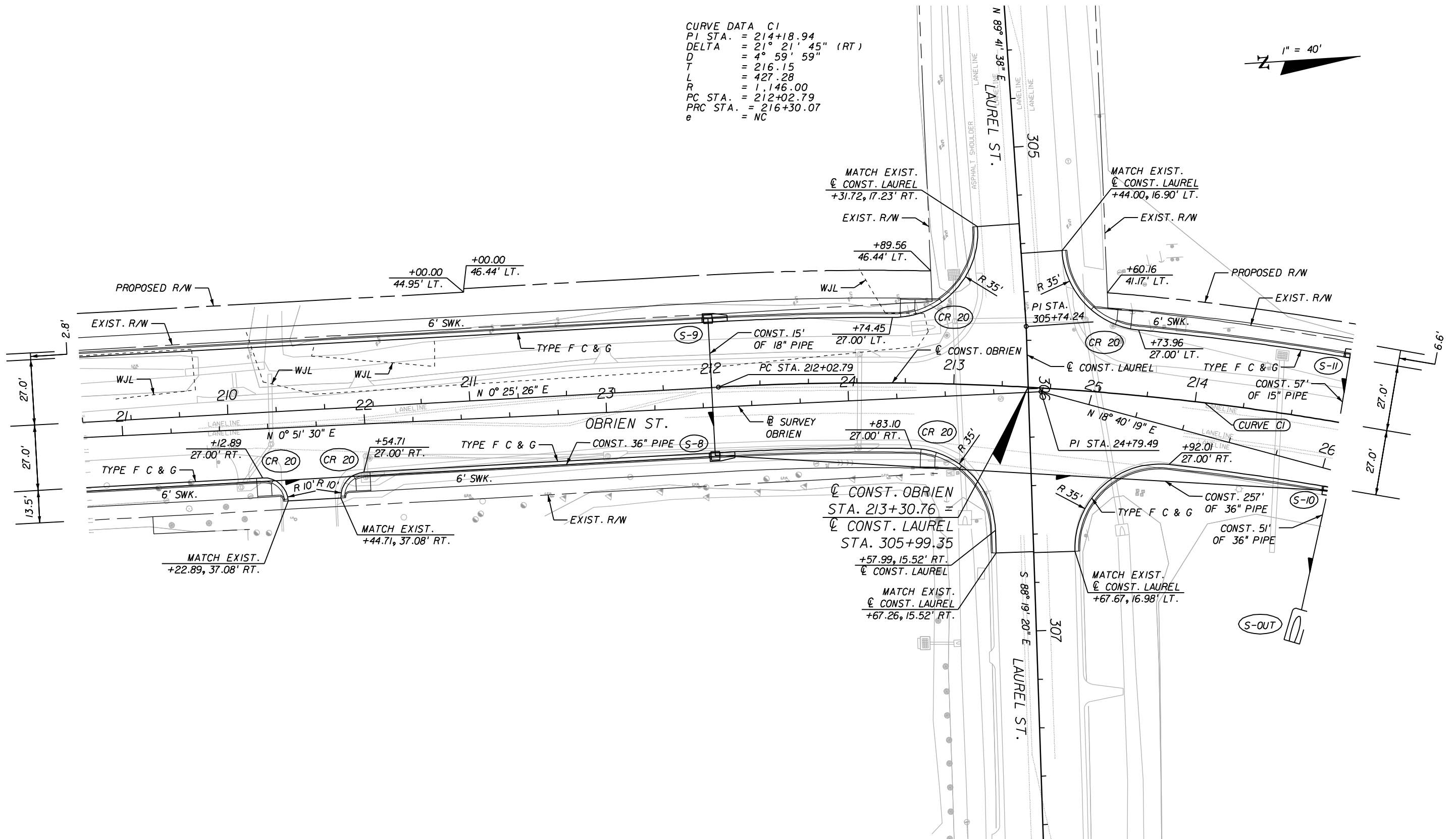
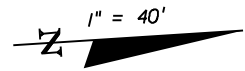
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Approved:	Date:	No.	Date:	Revision:	By:

CITY OF TAMPA
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ROADWAY PLAN (02)
OBRIEN STREET
ROADWAY IMPROVEMENTS

Field Book:	
Atlas Sheet:	
File No.	
Job No.	
SCALE:	1" = 40'
SHEET	4 OF 33

CURVE DATA C1
 PI STA. = 214+18.94
 DELTA = 21° 21' 45" (RT)
 D = 4° 59' 59"
 T = 216.15
 L = 427.28
 R = 1,146.00
 PC STA. = 212+02.79
 PRC STA. = 216+30.07
 e = NC



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Approved:	Date:	Δ			
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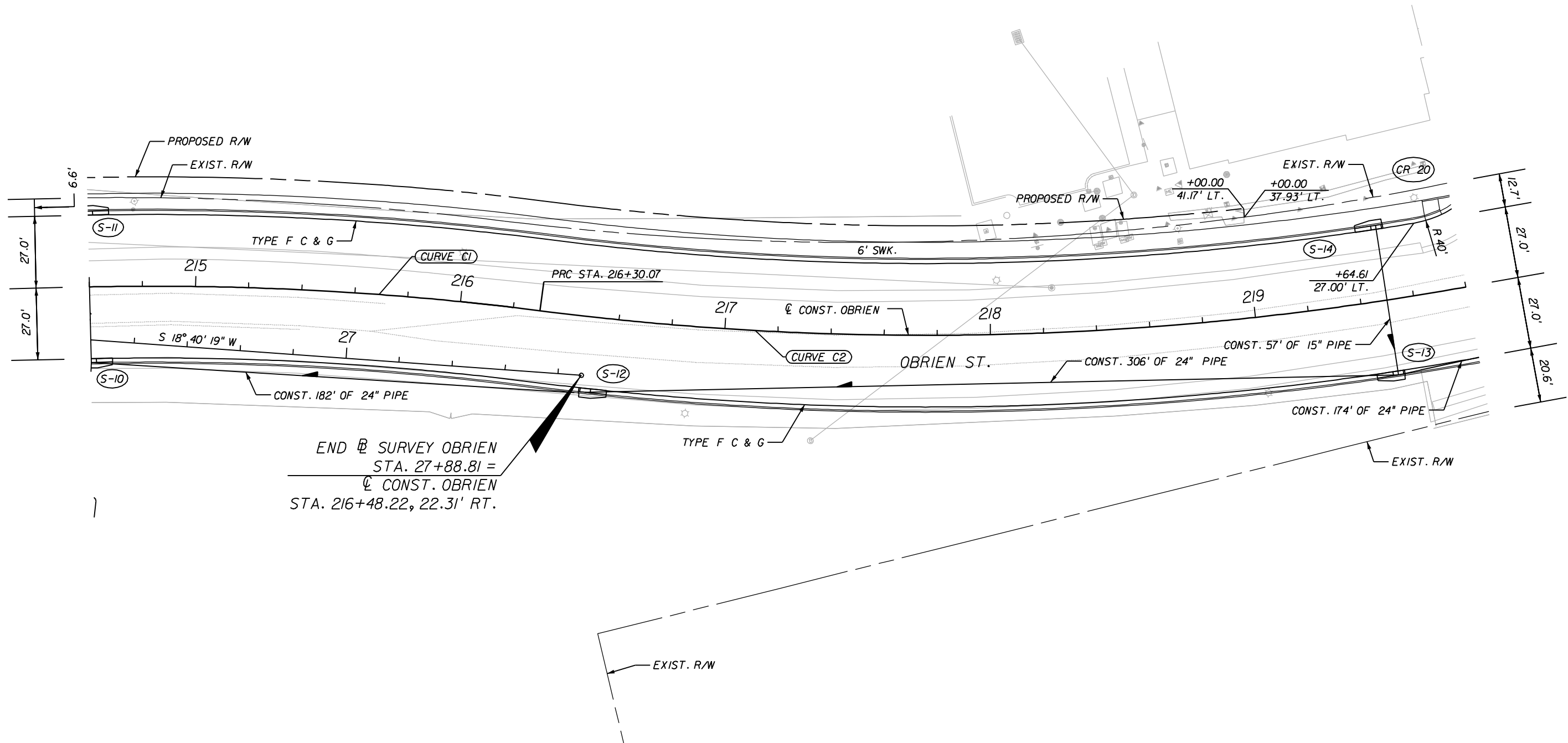
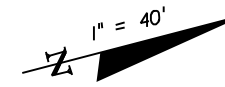
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 TRANSPORTATION DIVISION

ROADWAY PLAN (03)
O'BRIEN STREET
ROADWAY IMPROVEMENTS

Field Book:	
Atlas Sheet:	
File No.:	Index No.
Job No.:	
SCALE: 1" = 40'	
SHEET 5 OF 33	

CURVE DATA C1
 PI STA. = 214+18.94
 DELTA = 21° 21' 45" (RT)
 D = 4° 59' 59"
 T = 216.15
 L = 427.28
 R = 1,146.00
 PC STA. = 212+02.79
 PRC STA. = 216+30.07
 e = NC

CURVE DATA C2
 PI STA. = 218+45.46
 DELTA = 21° 17' 20" (LT)
 D = 4° 59' 59"
 T = 215.39
 L = 425.81
 R = 1,146.00
 PRC STA. = 216+30.07
 PT STA. = 220+55.88
 e = NC



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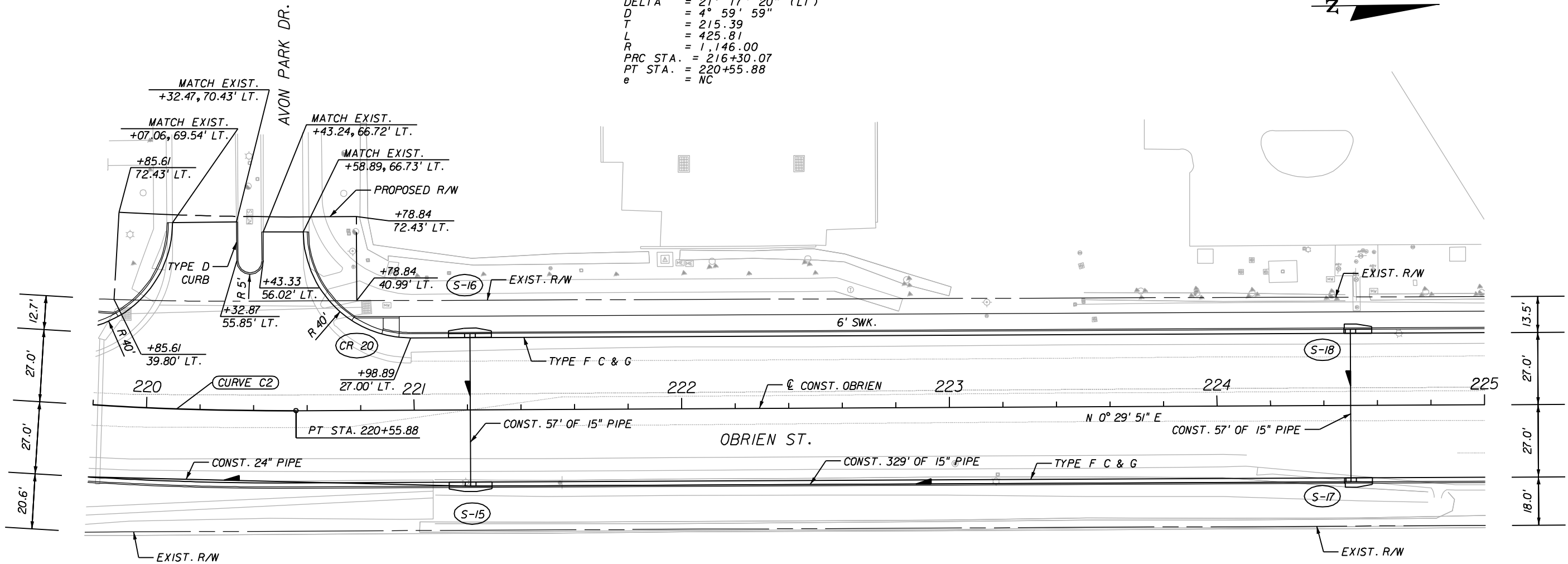
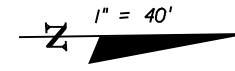
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 TRANSPORTATION DIVISION

ROADWAY PLAN (04)
O'BRIEN STREET
ROADWAY IMPROVEMENTS

Field Book:	
Atlas Sheet:	
File No.	Index No.
Job No.	
SCALE: 1" = 40'	
SHEET 6 OF 33	

CURVE DATA C2
 PI STA. = 218+45.46
 DELTA = 21° 17' 20" (LT)
 D = 4° 59' 59"
 T = 215.39
 L = 425.81
 R = 1,146.00
 PRC STA. = 216+30.07
 PT STA. = 220+55.88
 e = NC



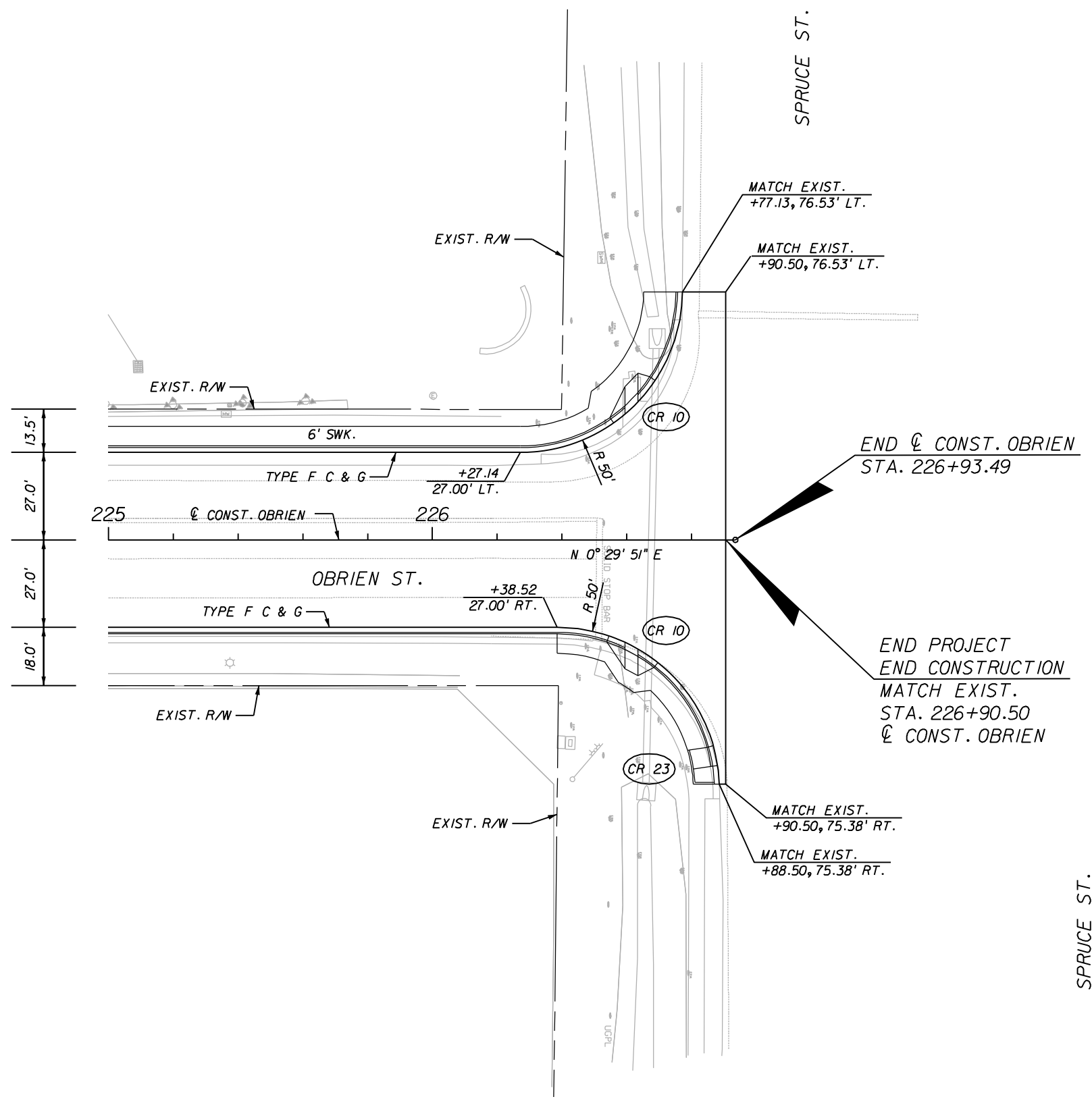
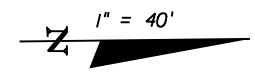
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Approved:	Date:	Δ			
Approved:	Date:	No.	Date:	Revision:	By:

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ROADWAY PLAN (05)
OBRIEN STREET
ROADWAY IMPROVEMENTS

Field Book:	
Atlas Sheet:	
File No.	Index No.
Job No.	
SCALE: 1" = 40'	
SHEET 7 OF 33	

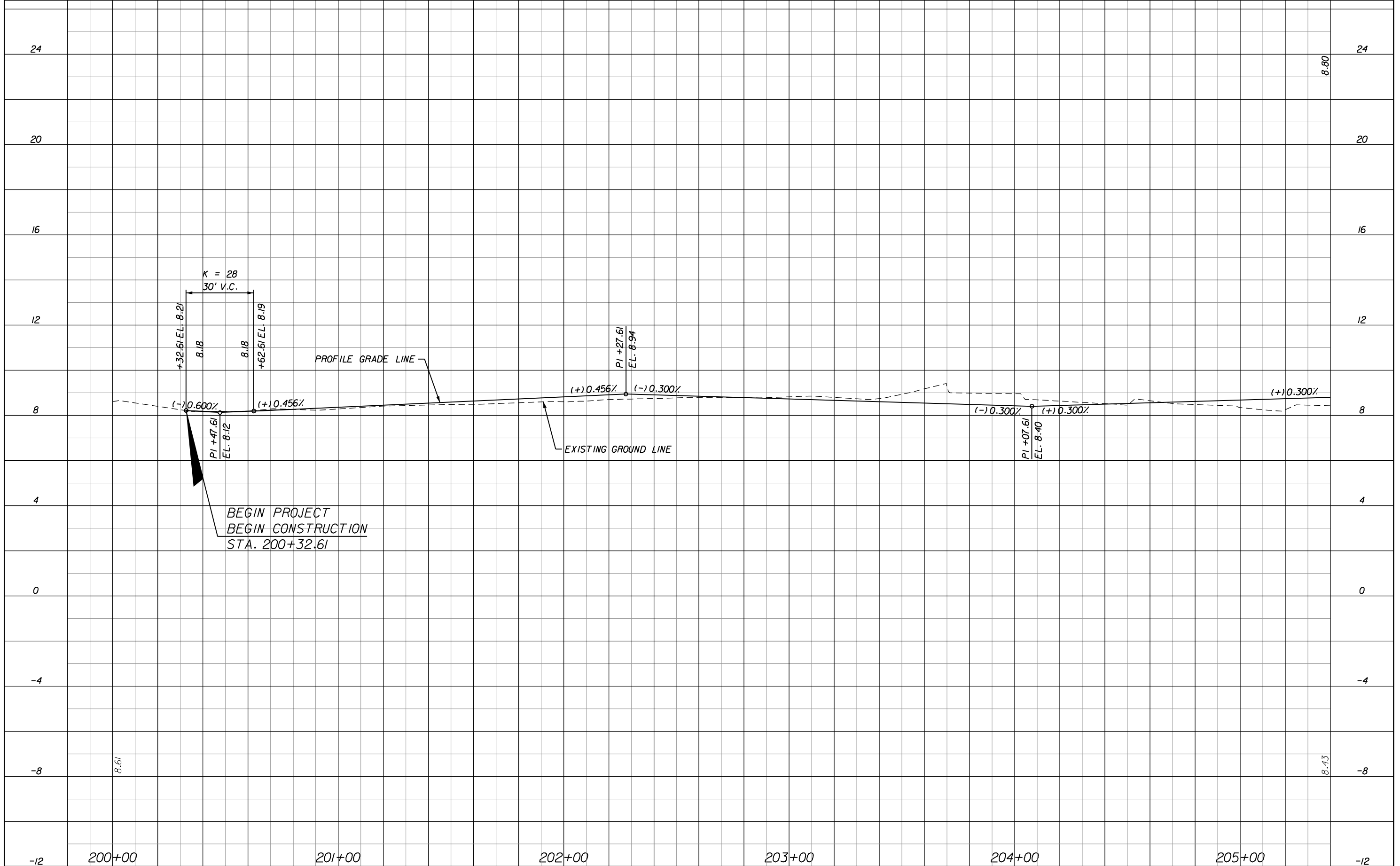


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ROADWAY PLAN (06)
O'BRIEN STREET
ROADWAY IMPROVEMENTS

Field Book:	
Atlas Sheet:	
File No.	Index No.
Job No.	
SCALE: 1" = 40'	
SHEET 8 OF 33	



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Approved:	Date:	△		
Approved:	Date:	No.	Date:	Revision:
				By:

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ROADWAY PROFILE (01)
OBRIEN STREET
ROADWAY IMPROVEMENTS

Field Book:	
Atlas Sheet:	
File No.	Index No.
Job No.	
SCALE: 1"=40' HOR., 1"=4' VERT.	✓
SHEET 9 OF 33	



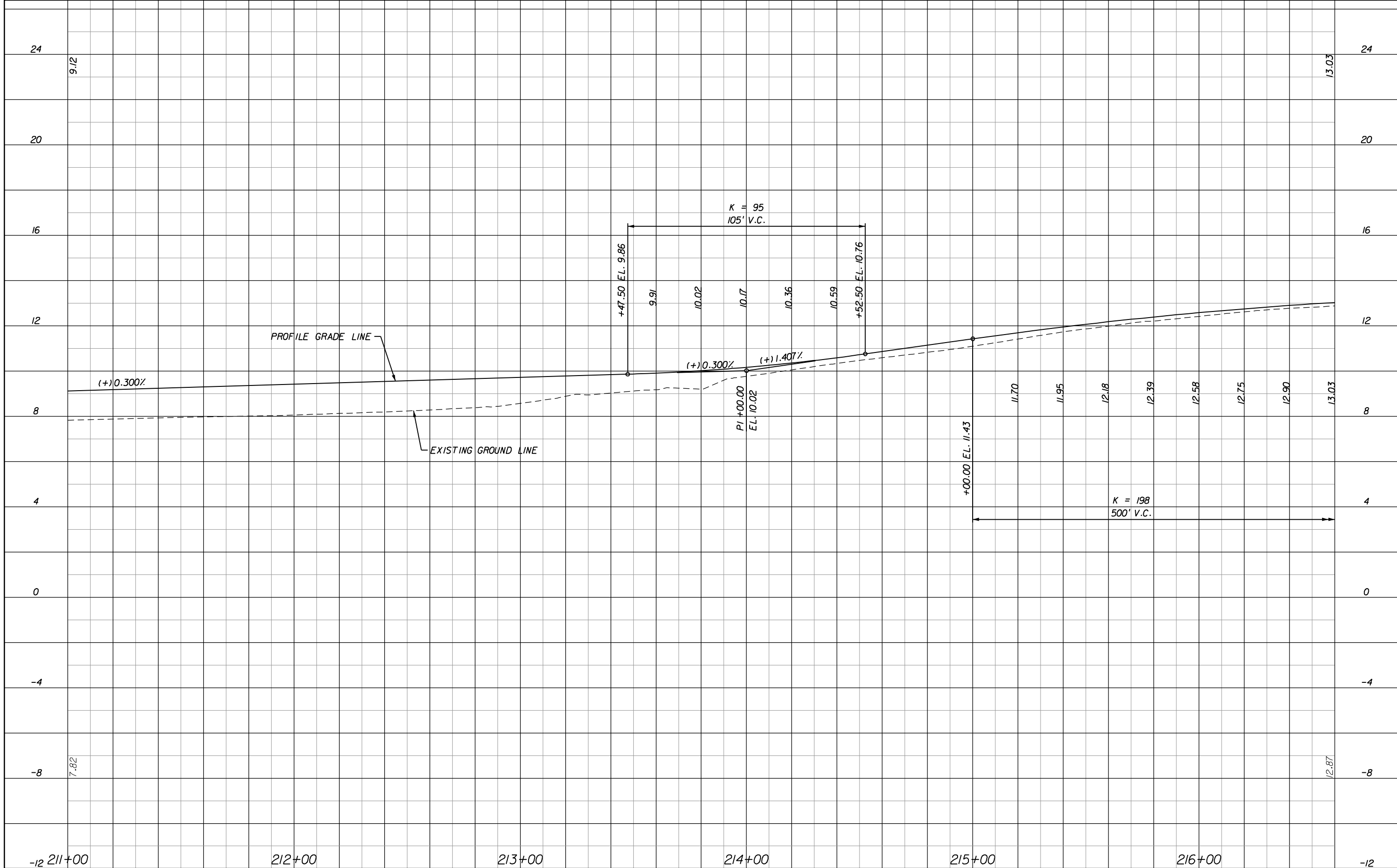
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 TRANSPORTATION DIVISION

ROADWAY PROFILE (02)
OBRIEN STREET
ROADWAY IMPROVEMENTS

Field Book:	
Atlas Sheet:	
File No.	Index No.
Job No.	
SCALE: 1"=40' HOR., 1"=4' VERT.	✓
SHEET 10 OF 33	



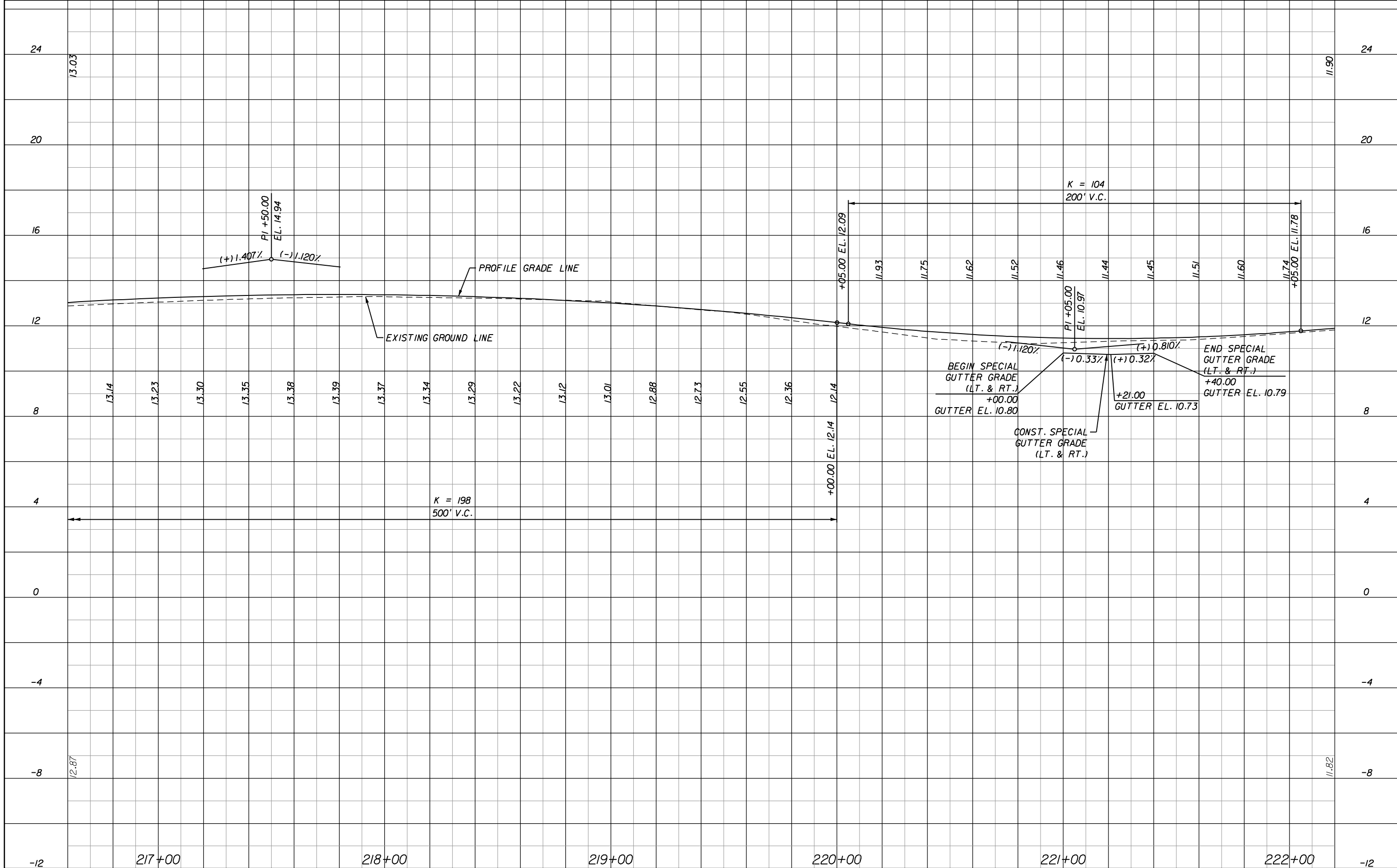
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Reviewed:	Date:	△		
Approved:	Date:	△		
Approved:	Date:	No.	Date:	Revision:
				By:

CITY OF TAMPA
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 TRANSPORTATION DIVISION

ROADWAY PROFILE (03)
OBRIEN STREET
ROADWAY IMPROVEMENTS

Field Book:	
Atlas Sheet:	
File No.	
Job No.	
SCALE: 1"=40' HOR., 1"=4' VERT.	Index No. /
SHEET 11 OF 33	



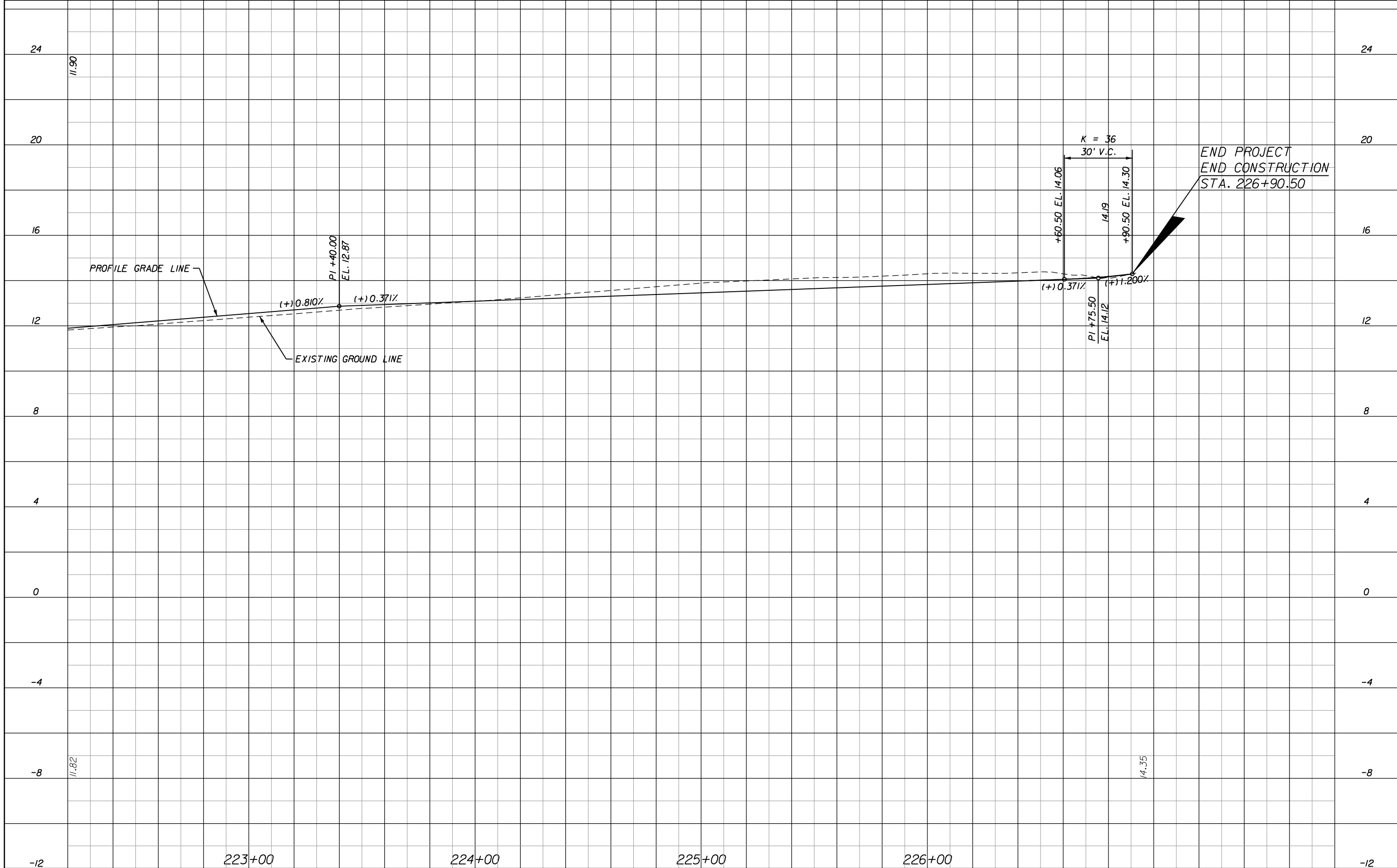
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Reviewed:	Date:	△	
Approved:	Date:	△	
Approved:	Date:	No.	Date:
		Revision:	By:

CITY OF TAMPA
 DEPARTMENT OF PUBLIC WORKS
 TRANSPORTATION DIVISION

ROADWAY PROFILE (04)
OBRIEN STREET
ROADWAY IMPROVEMENTS

Field Book:	
Atlas Sheet:	
File No.:	Index No.
Job No.:	
SCALE: 1"=40' HOR., 1"=4' VERT.	
SHEET 12 OF 33	



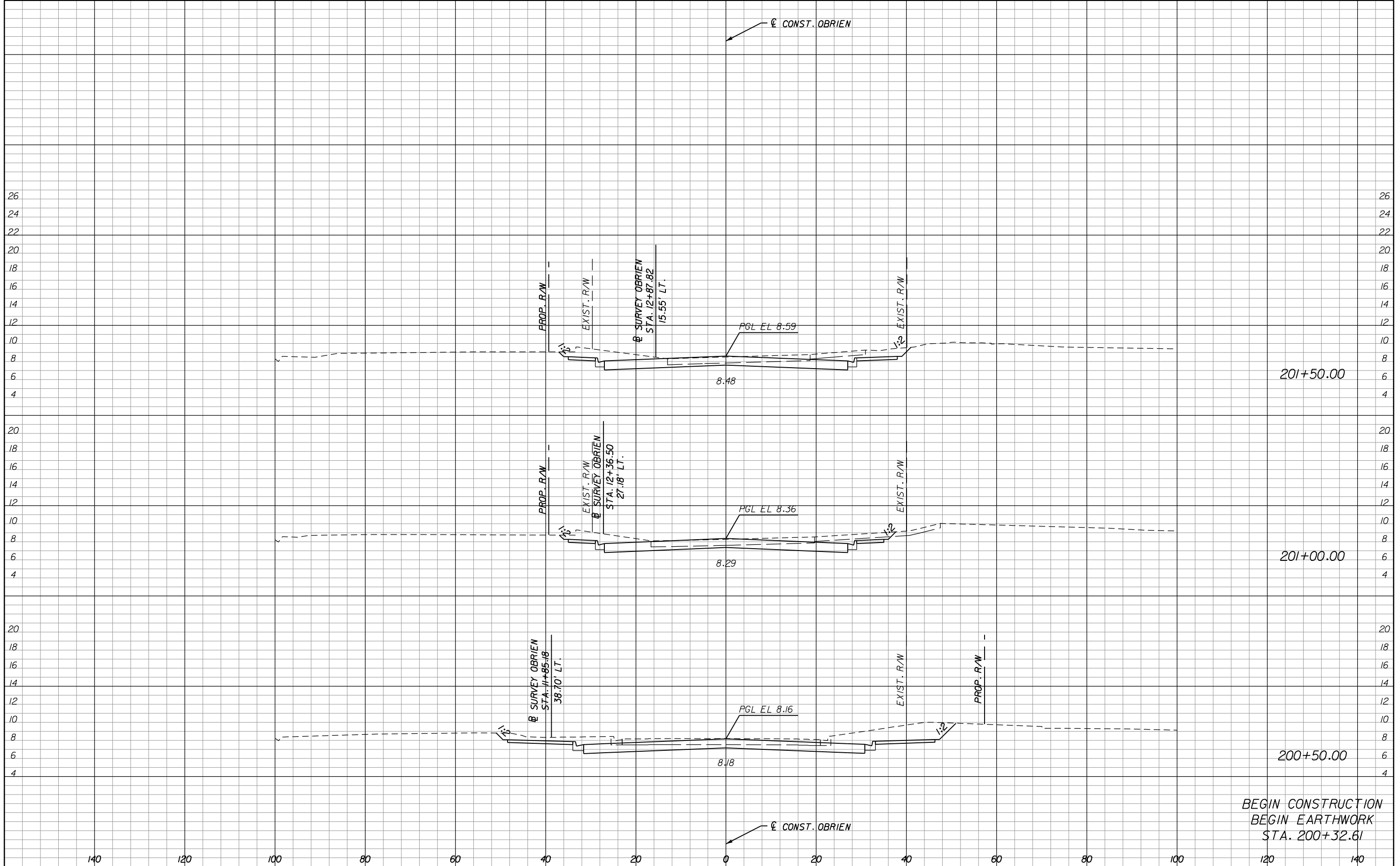
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Checked:	Date:	△			
Reviewed:	Date:	△			
Approved:	Date:	△			
Approved:	Date:	No.	Date:	Revision:	By:

CITY OF TAMPA
 DEPARTMENT OF PUBLIC WORKS
 TRANSPORTATION DIVISION

ROADWAY PROFILE (05)
OBRIEN STREET
ROADWAY IMPROVEMENTS

Field Book:	
Atlas Sheet:	
File No.	Index No.
Job No.	
SCALE: 1"=40' HOR., 1"=4' VERT.	✓
SHEET 13 OF 33	



BEGIN CONSTRUCTION
 BEGIN EARTHWORK
 STA. 200+32.61

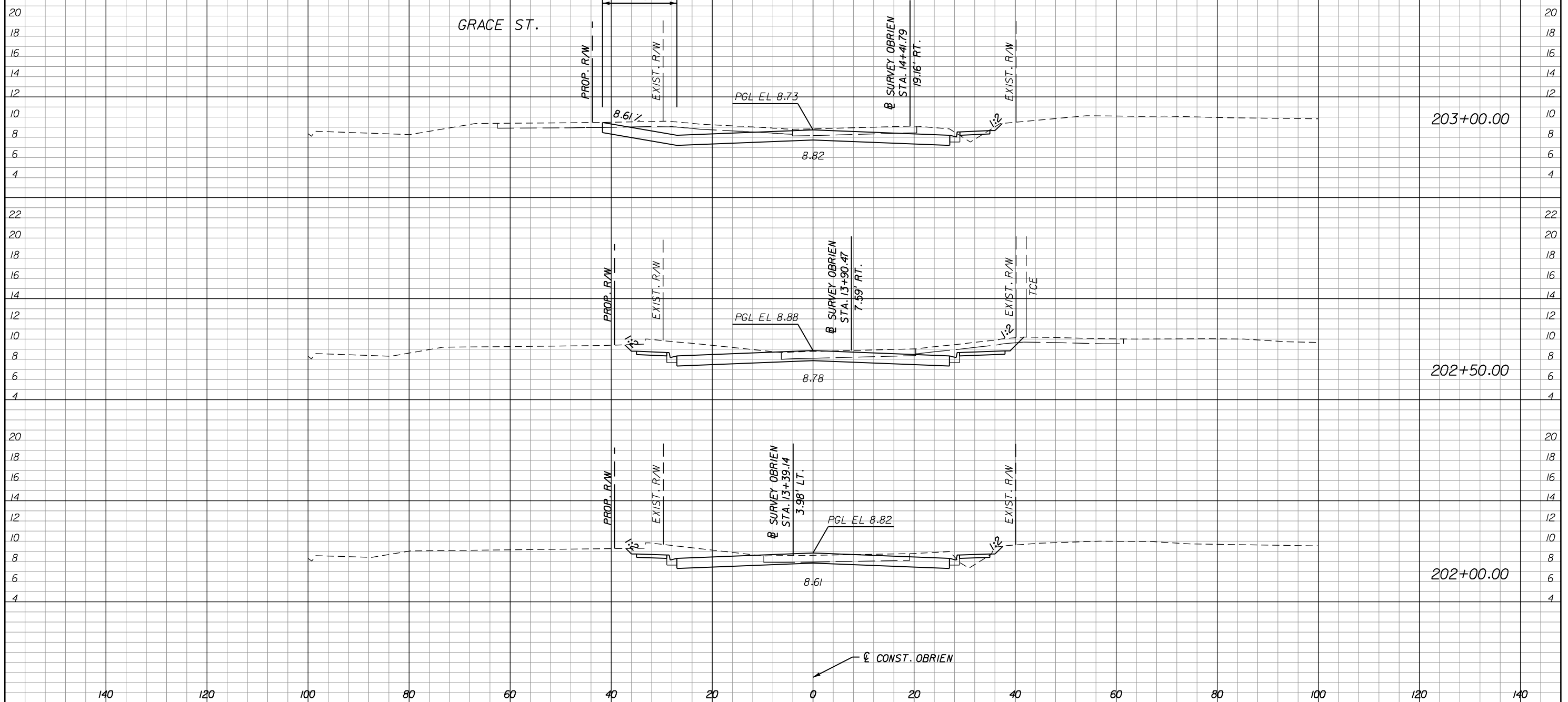
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Approved:	Date:	△			
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					By:

CITY OF TAMPA
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 TRANSPORTATION DIVISION

CROSS SECTIONS (01)
O'BRIEN STREET
ROADWAY IMPROVEMENTS

Field Book:	
Atlas Sheet:	
File No.	Index No.
Job No.	
SCALE: 1"=20' HOR., 1"=10' VERT.	
SHEET 14 OF 33	



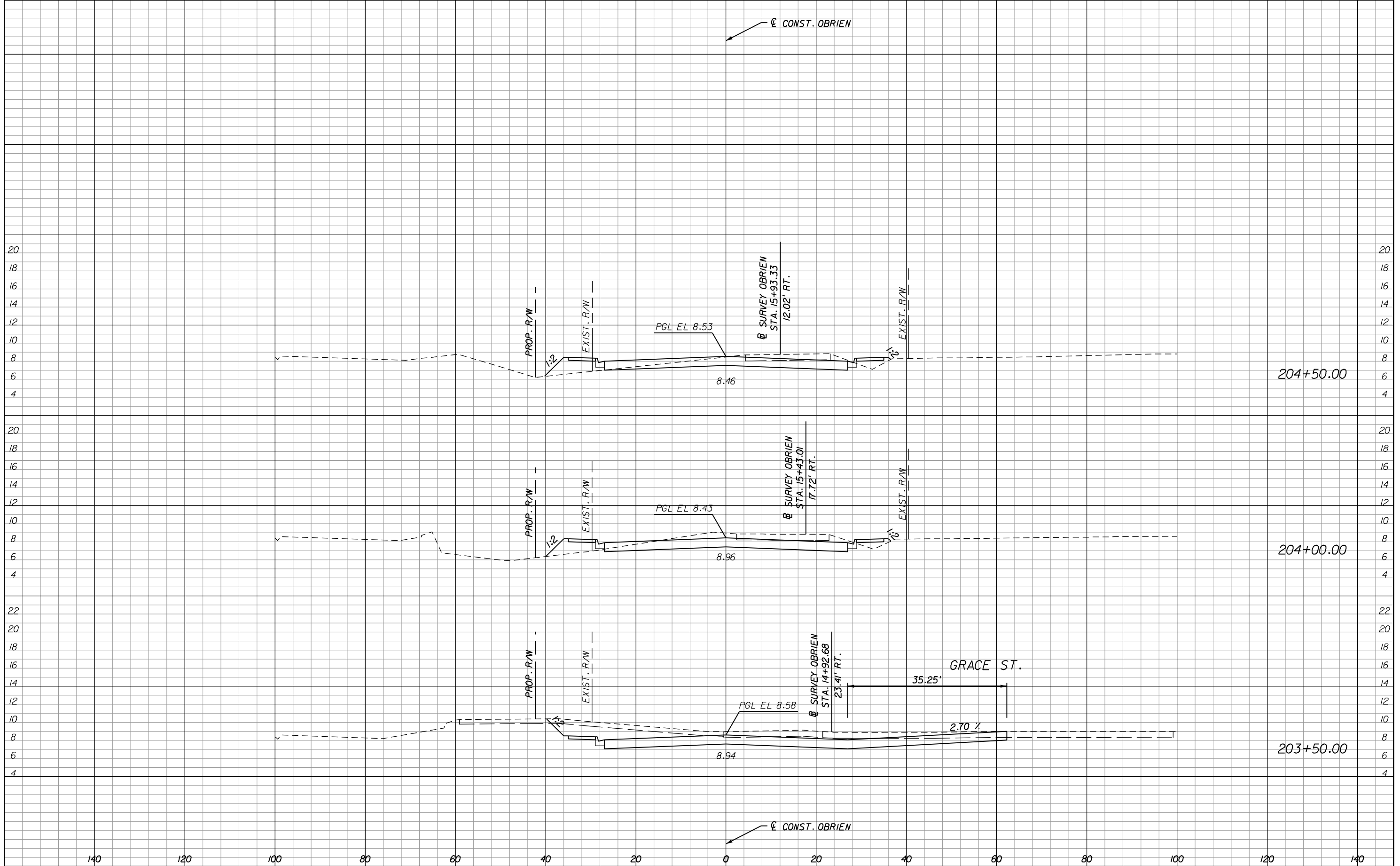
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CITY OF TAMPA
 DEPARTMENT OF PUBLIC WORKS
 TRANSPORTATION DIVISION

CROSS SECTIONS (02)
O'BRIEN STREET
ROADWAY IMPROVEMENTS

Field Book:	
Atlas Sheet:	
File No.	
Job No.	
SCALE: 1"=20' HOR., 1"=10' VERT.	
SHEET 15 OF 33	Index No. /



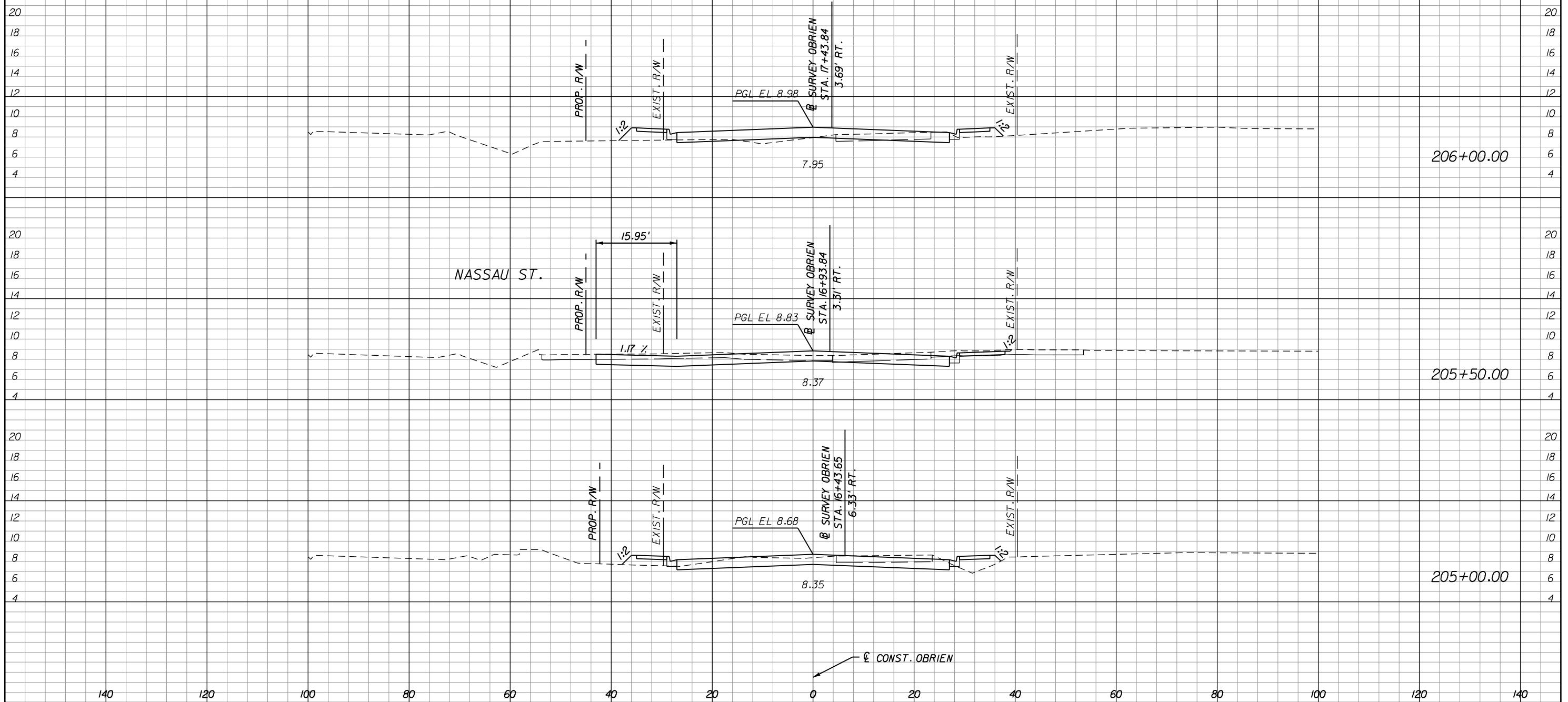
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CROSS SECTIONS (03)
O'BRIEN STREET
ROADWAY IMPROVEMENTS

Field Book:	
Atlas Sheet:	
File No.	
Job No.	
SCALE: 1"=20' HOR., 1"=10' VERT.	
SHEET 16 OF 33	



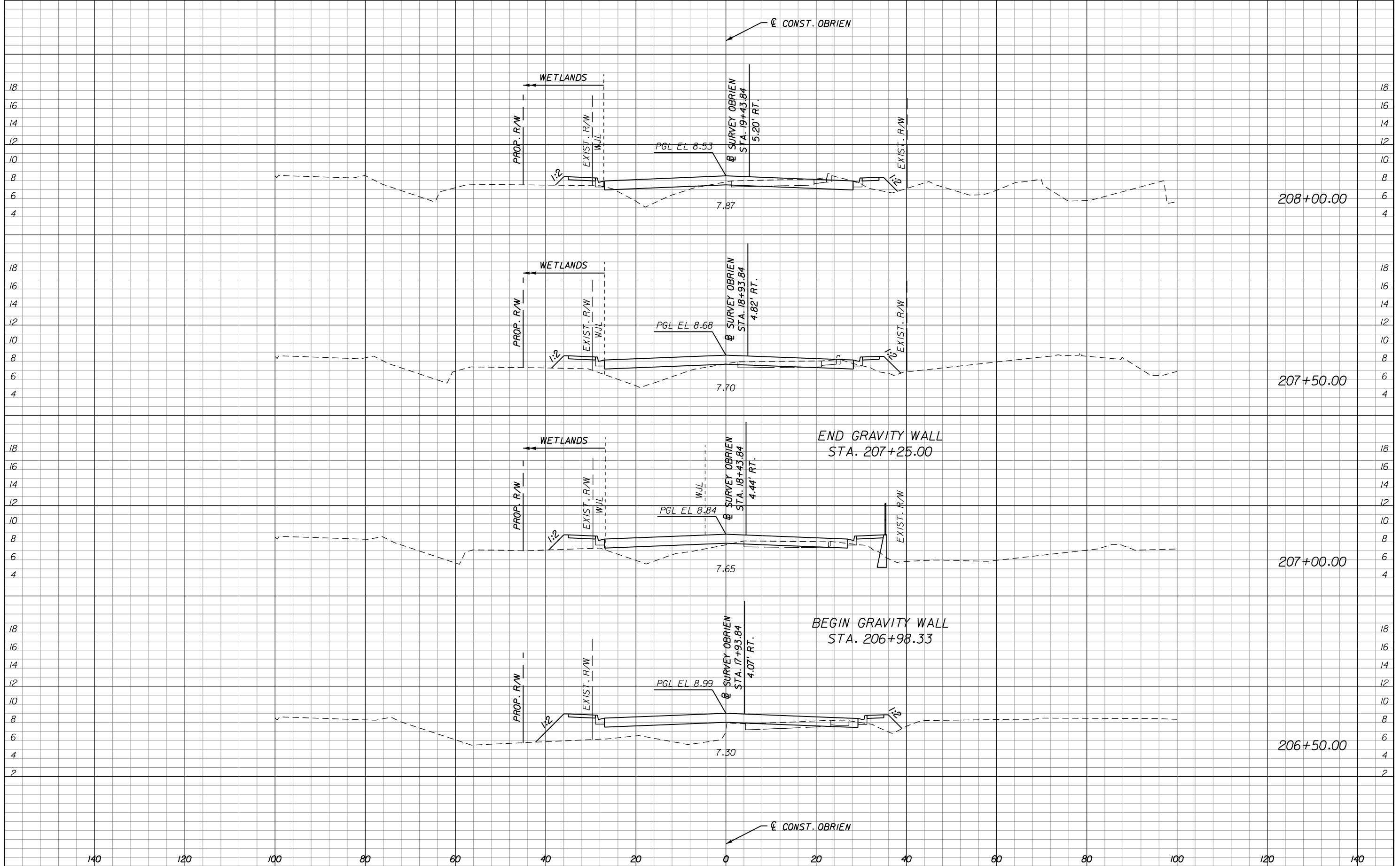
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Approved:	Date:	No.	Date:	Revision:	By:

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 TRANSPORTATION DIVISION

CROSS SECTIONS (04)
O'BRIEN STREET
ROADWAY IMPROVEMENTS

Field Book:	
Atlas Sheet:	
File No.	
Job No.	
SCALE: 1"=20' HOR., 1"=10' VERT.	
SHEET 17 OF 33	Index No. /



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					By:

CITY OF TAMPA
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 TRANSPORTATION DIVISION

CROSS SECTIONS (05)
O'BRIEN STREET
ROADWAY IMPROVEMENTS

Field Book:	
Atlas Sheet:	
File No.	Index No.
Job No.	
SCALE: 1"=20' HOR., 1"=10' VERT.	
SHEET 18 OF 33	



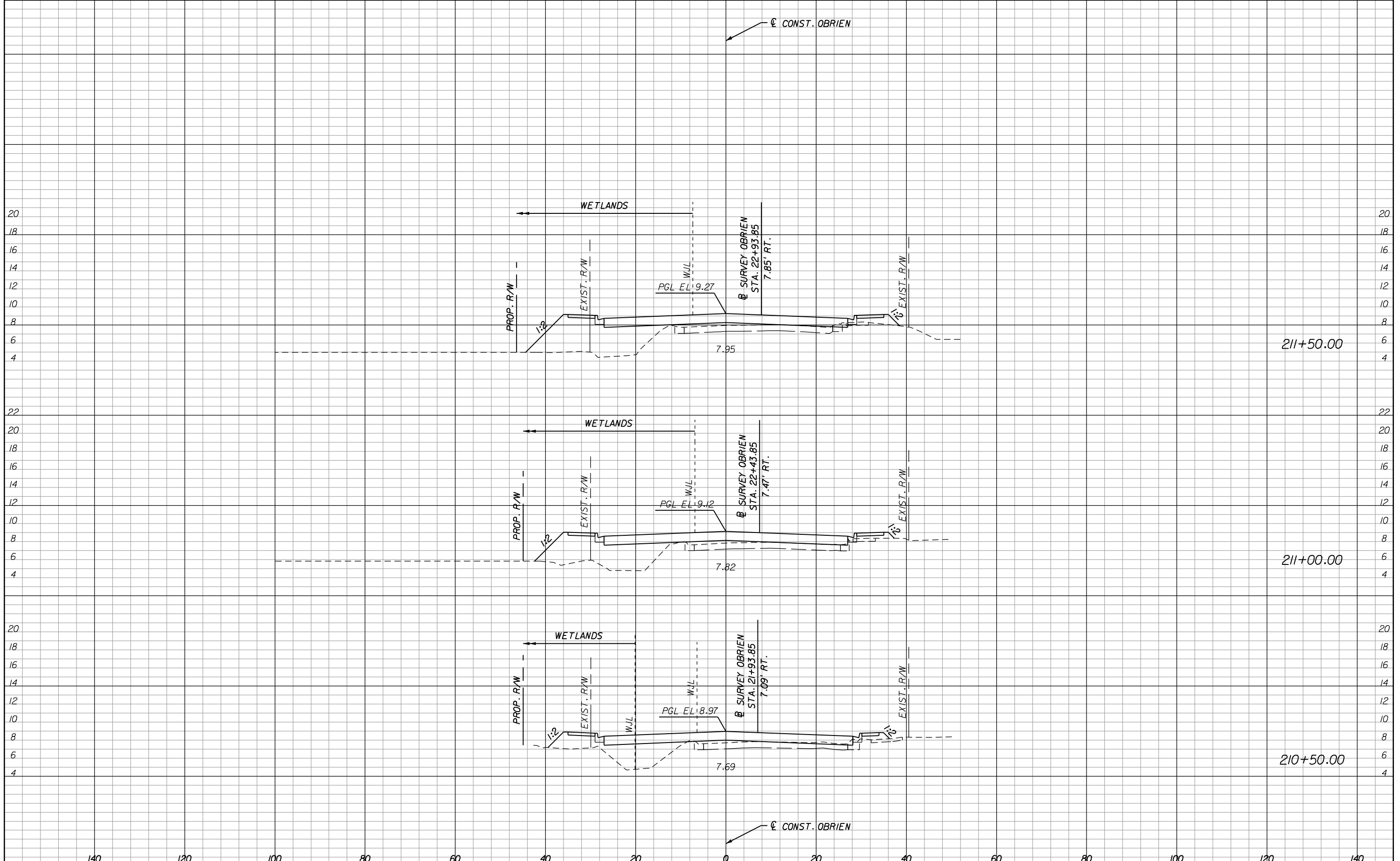
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Approved:	Date:	△			
Approved:	Date:	△	No.	Date:	Revision:
					By:

CITY OF TAMPA
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CROSS SECTIONS (06)
O'BRIEN STREET
ROADWAY IMPROVEMENTS

Field Book:	
Atlas Sheet:	
File No.	
Job No.	
SCALE: 1"=20' HOR., 1"=10' VERT.	
SHEET 19 OF 33	



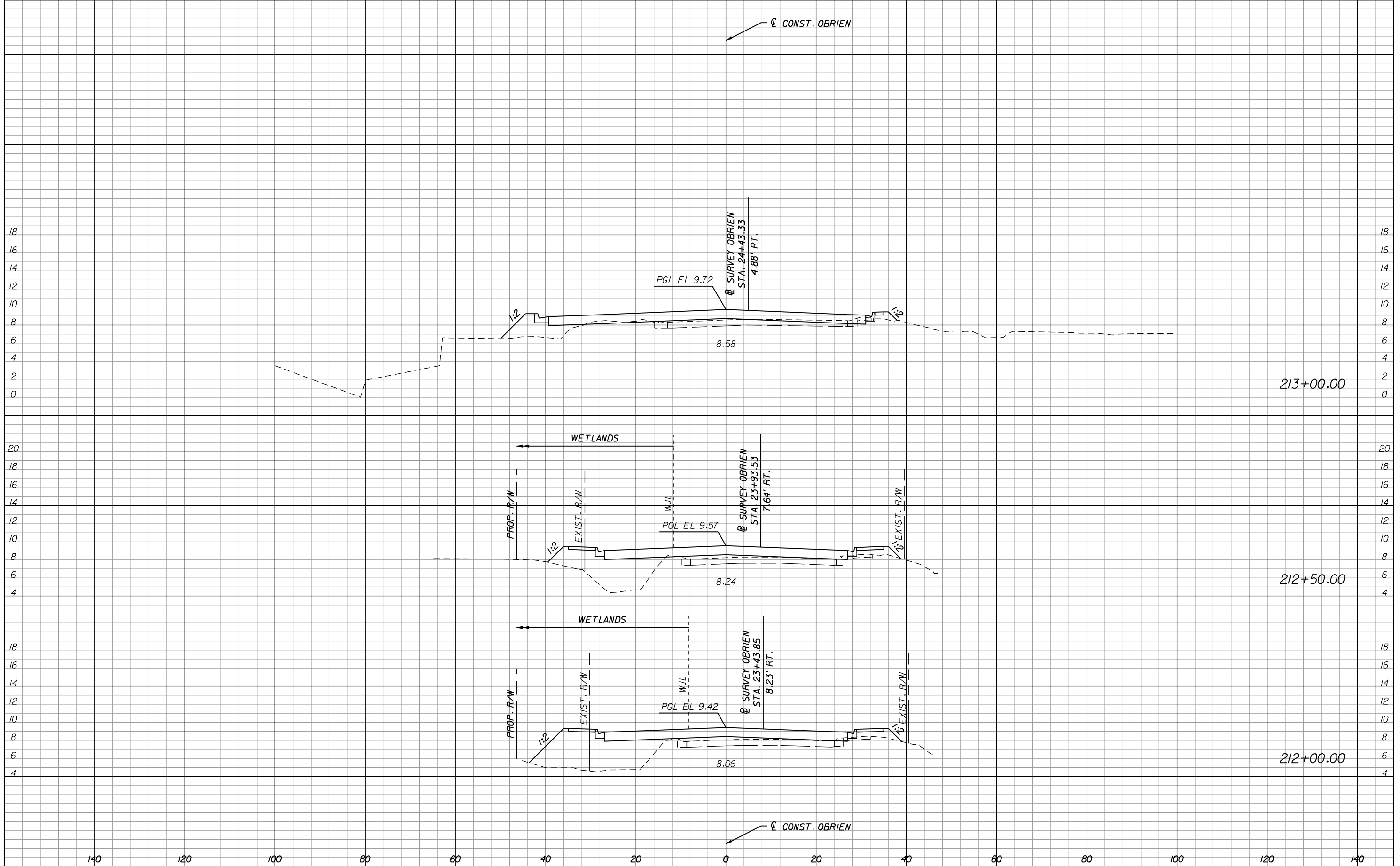
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 TRANSPORTATION DIVISION

CROSS SECTIONS (07)
O'BRIEN STREET
ROADWAY IMPROVEMENTS

Field Book:	
Atlas Sheet:	
File No.	
Job No.	
SCALE: 1"=20' HOR., 1"=10' VERT.	
SHEET 20 OF 33	



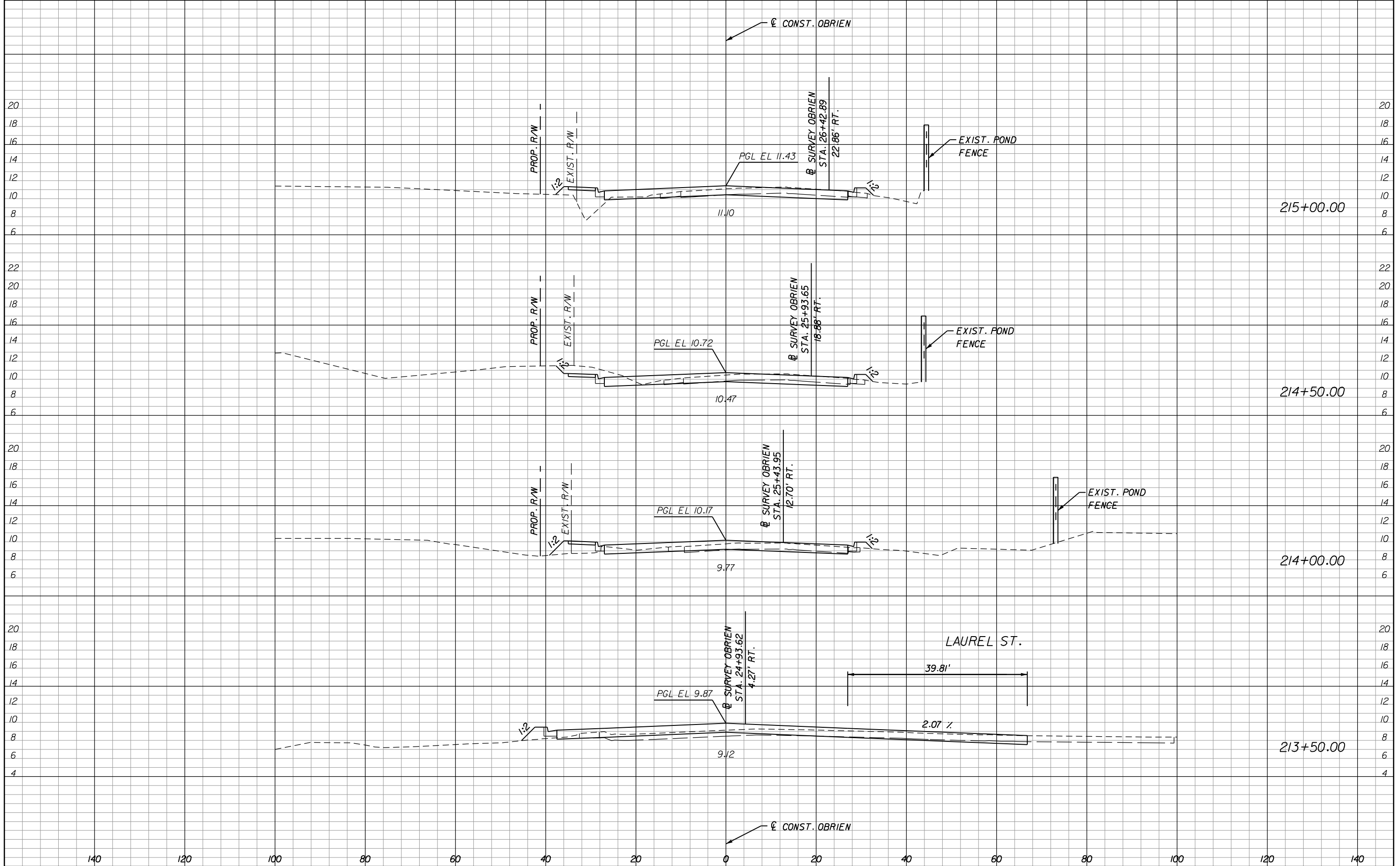
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CITY OF TAMPA
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 TRANSPORTATION DIVISION

CROSS SECTIONS (08)
O'BRIEN STREET
ROADWAY IMPROVEMENTS

Field Book:	
Atlas Sheet:	
File No.	
Job No.	
SCALE: 1"=20' HOR., 1"=10' VERT.	
SHEET 21 OF 33	



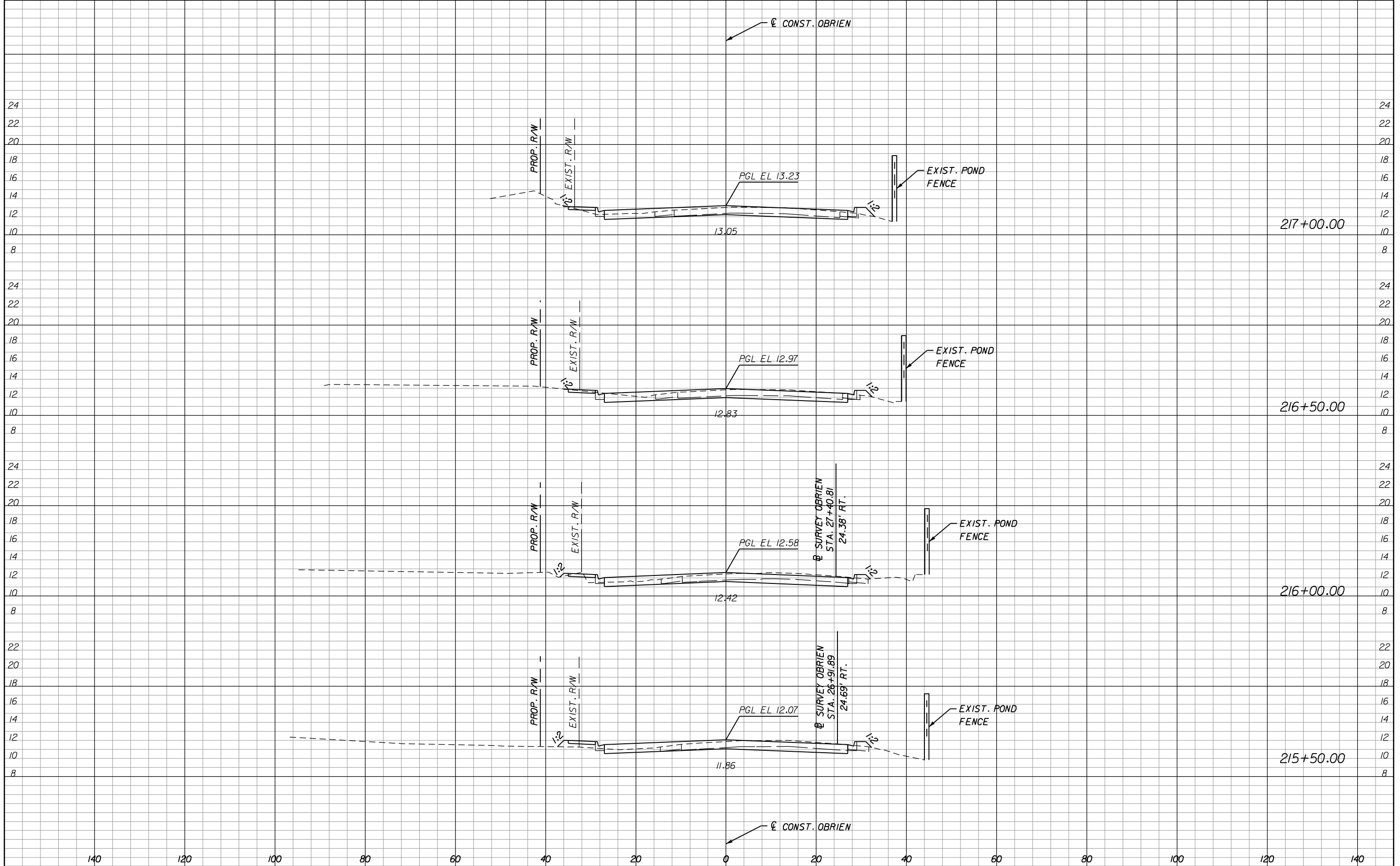
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Reviewed:	Date:	△			
Approved:	Date:	△			
Approved:	Date:	△			
		No.	Date:	Revision:	By:

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 TRANSPORTATION DIVISION

CROSS SECTIONS (09)
O'BRIEN STREET
ROADWAY IMPROVEMENTS

Field Book:	
Atlas Sheet:	
File No.	Index No.
Job No.	
SCALE: 1"=20' HOR., 1"=10' VERT.	
SHEET 22 OF 33	



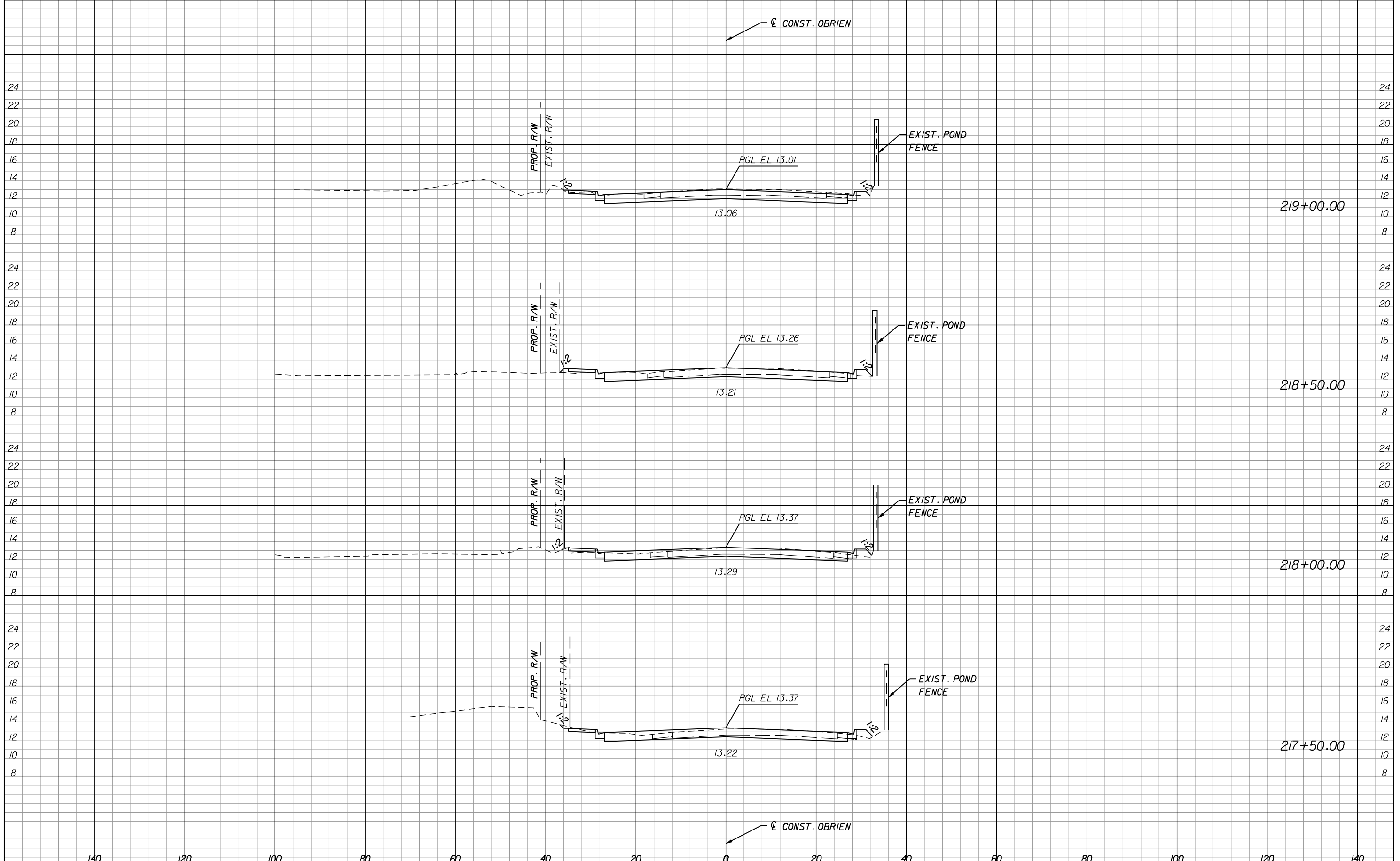
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 201 N. FRANKLIN STREET
 SUITE 550
 TAMPA, FL 33602
 (813) 402-4150
 CERT. OF AUTH. NO. 6500

Drawn:	Date:	△			
Designed:	Date:	△			
Checked:	Date:	△			
Reviewed:	Date:	△			
Approved:	Date:	△			
Approved:	Date:	△			
Approved:	Date:	No.	Date:	Revision:	By:

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 DEPARTMENT OF PUBLIC WORKS
 TRANSPORTATION DIVISION

CROSS SECTIONS (10)
O'BRIEN STREET
ROADWAY IMPROVEMENTS

Field Book:	
Atlas Sheet:	
File No.	Index No.
Job No.	
SCALE: 1"=20' HOR., 1"=10' VERT.	
SHEET 23 OF 33	



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Approved:	Date:	△			
Approved:	Date:	△	No.	Date:	Revision:
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CROSS SECTIONS (11)
O'BRIEN STREET
ROADWAY IMPROVEMENTS

Field Book:	
Atlas Sheet:	
File No.	Index No.
Job No.	
SCALE: 1"=20' HOR., 1"=10' VERT.	
SHEET 24 OF 33	

AVON PARK DR.

℄ CONST. O'BRIEN

39.75'

0.67 %

PGL EL 11.68

11.38

220+50.00

PGL EL 12.14

11.98

220+00.00

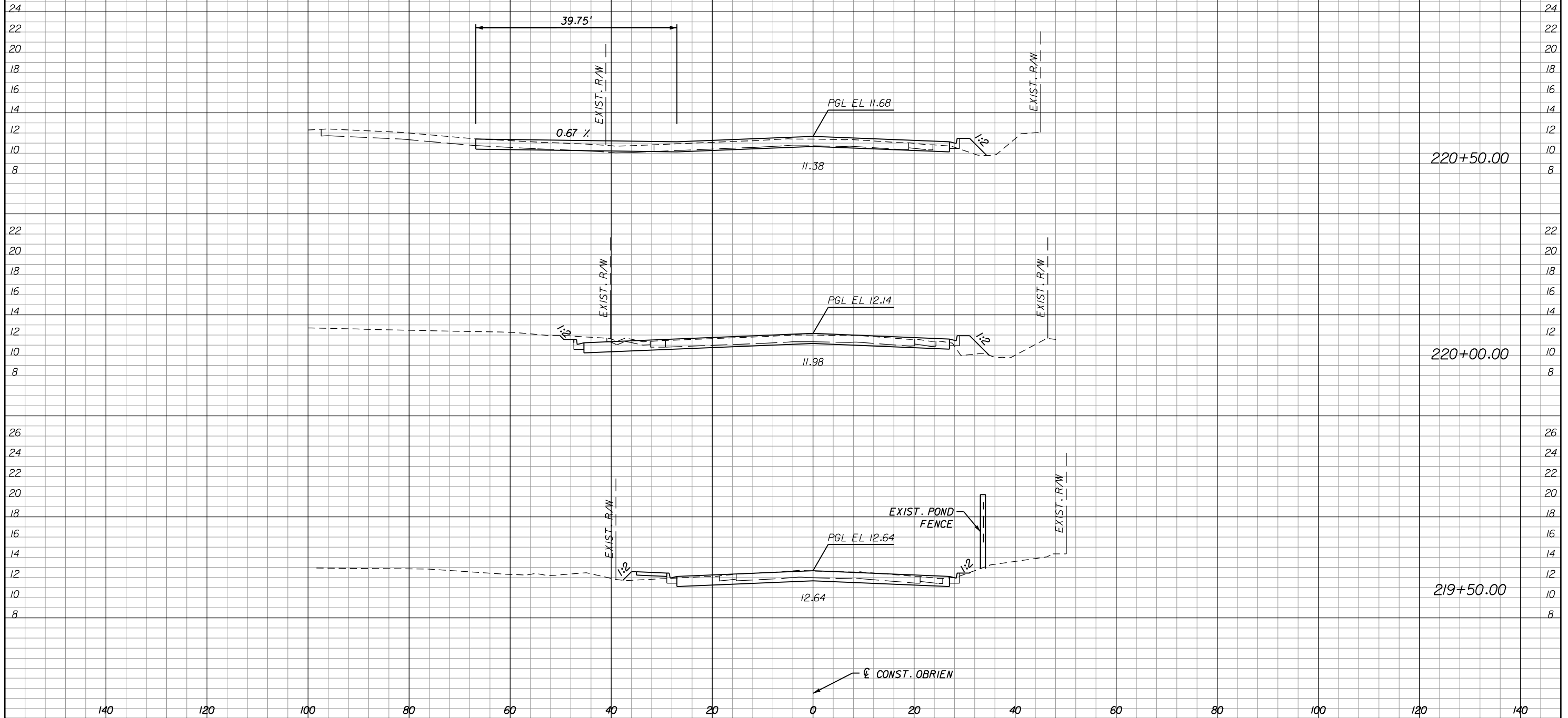
PGL EL 12.64

12.64

219+50.00

EXIST. POND FENCE

℄ CONST. O'BRIEN



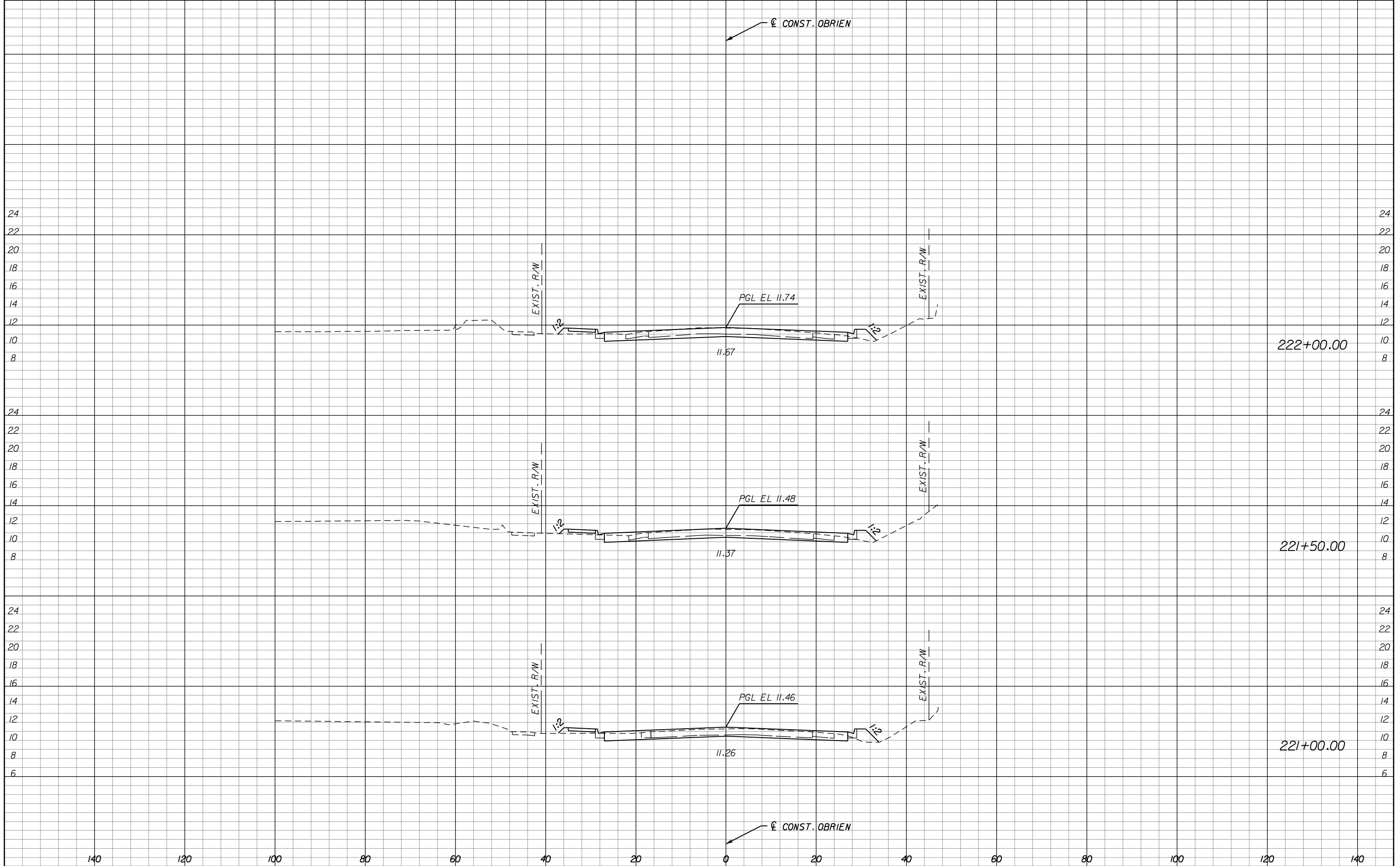
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Checked:	Date:	△			
Reviewed:	Date:	△			
Approved:	Date:	△			
Approved:	Date:	△			
Approved:	Date:	No.	Date:	Revision:	By:

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CROSS SECTIONS (12)
O'BRIEN STREET
ROADWAY IMPROVEMENTS

Field Book:	
Atlas Sheet:	
File No.	
Job No.	
SCALE: 1"=20' HOR., 1"=10' VERT.	
SHEET 25 OF 33	



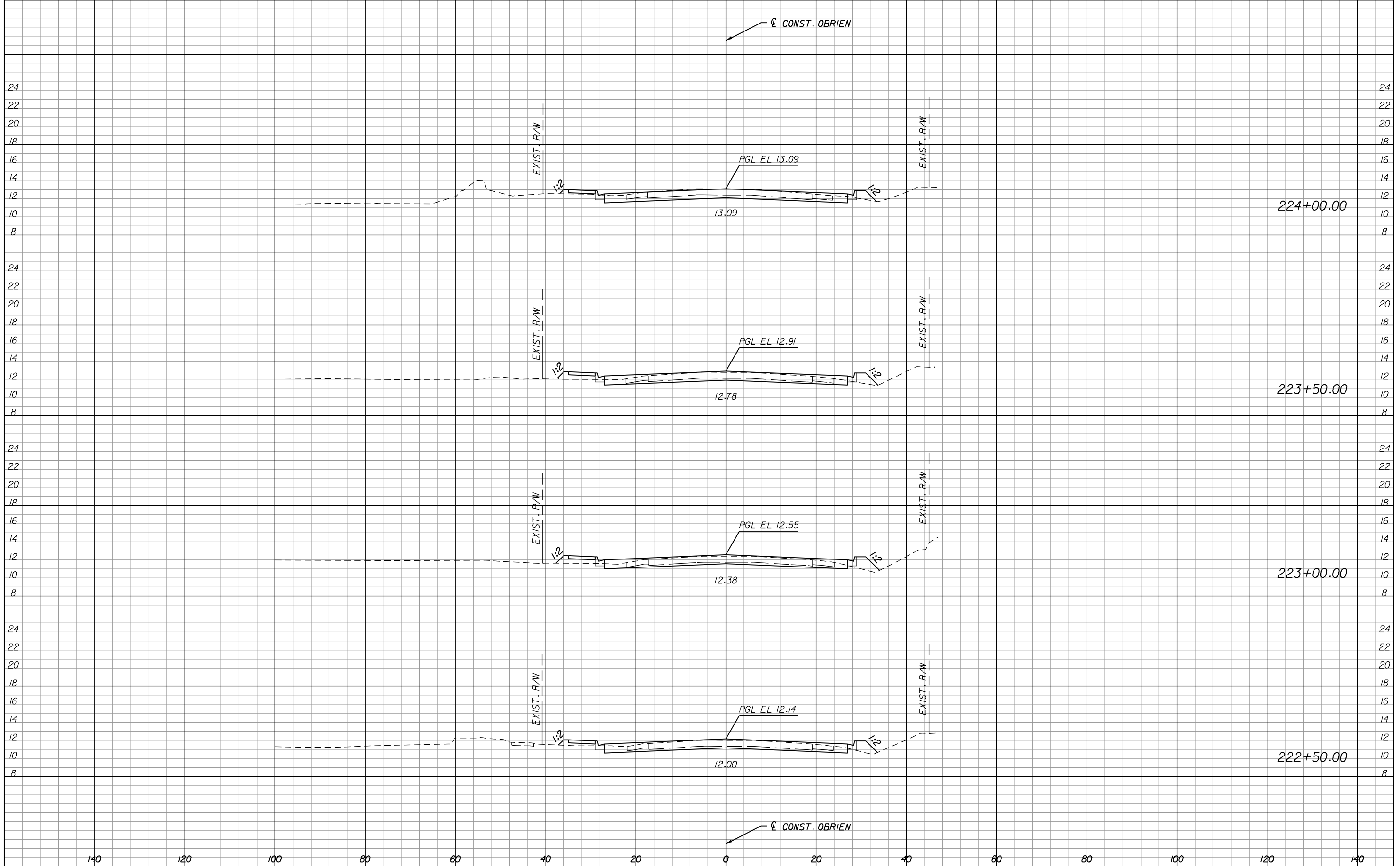
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Reviewed:	Date:	△			
Approved:	Date:	△			
Approved:	Date:	△	No.	Date:	Revision:
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CROSS SECTIONS (13)
O'BRIEN STREET
ROADWAY IMPROVEMENTS

Field Book:	
Atlas Sheet:	
File No.	
Job No.	
SCALE: 1"=20' HOR., 1"=10' VERT.	
SHEET 26 OF 33	



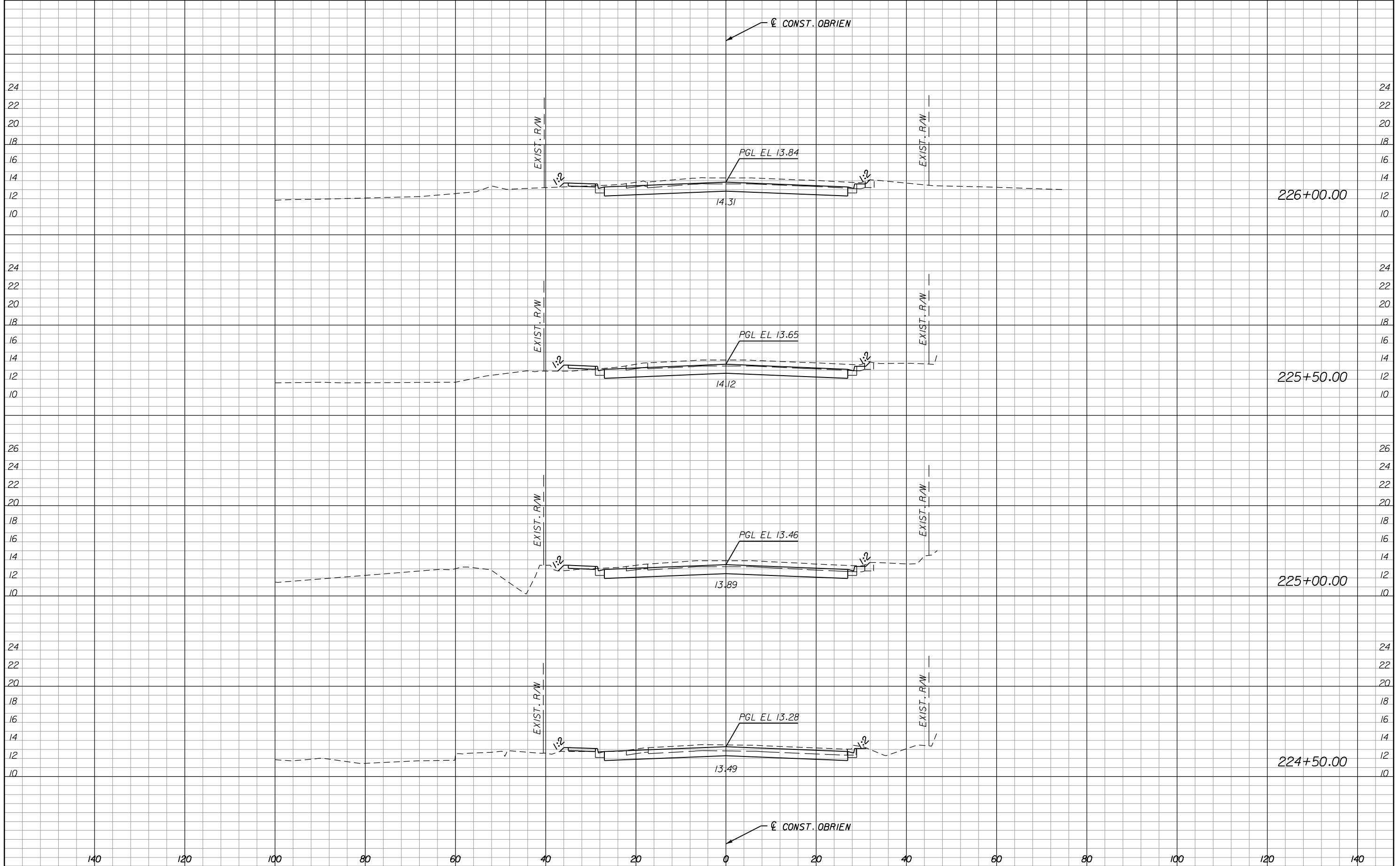
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Designed:	Date:	△			
Checked:	Date:	△			
Reviewed:	Date:	△			
Approved:	Date:	△			
Approved:	Date:	△	No.	Date:	Revision:
					By:

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CROSS SECTIONS (1-0)
O'BRIEN STREET
ROADWAY IMPROVEMENTS

Field Book:	
Atlas Sheet:	
File No.	Index No.
Job No.	
SCALE: 1"=20' HOR., 1"=10' VERT.	
SHEET 27 OF 33	



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Designed:	Date:	△			
Checked:	Date:	△			
Reviewed:	Date:	△			
Approved:	Date:	△			
Approved:	Date:	△			
Approved:	Date:	No.	Date:	Revision:	By:

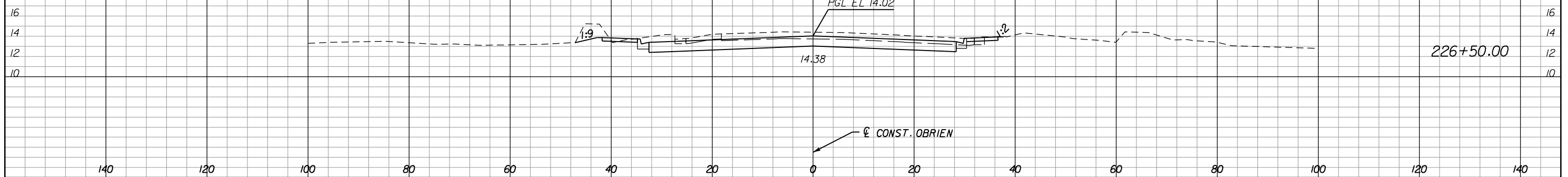
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CROSS SECTIONS (15)
O'BRIEN STREET
ROADWAY IMPROVEMENTS

Field Book:	
Atlas Sheet:	
File No.	
Job No.	
SCALE: 1"=20' HOR., 1"=10' VERT.	
SHEET 28 OF 33	

℄ CONST. O'BRIEN

END CONSTRUCTION
END EARTHWORK
STA. 226+90.50



℄ CONST. O'BRIEN

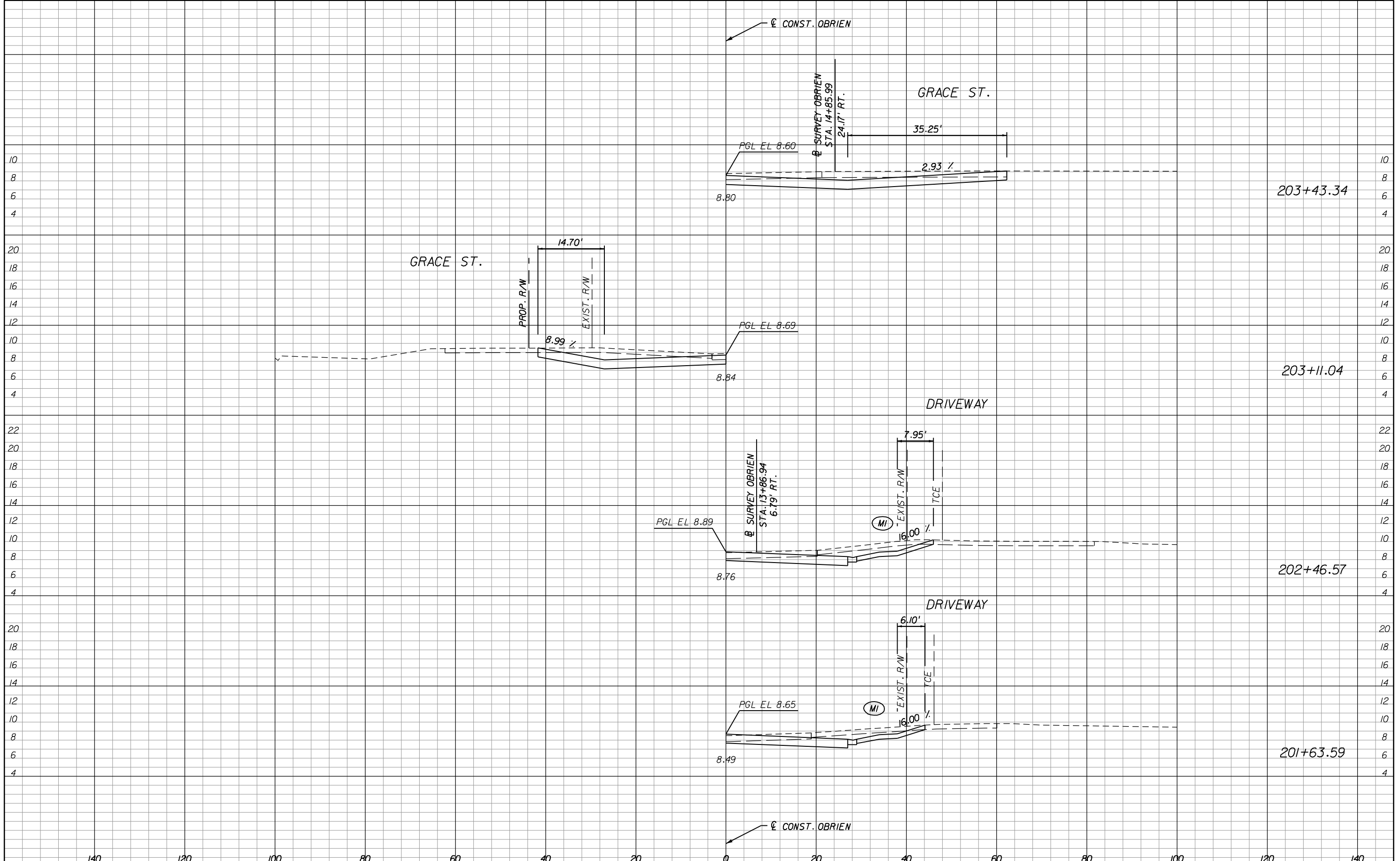
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Designed:	Date:	△			
Checked:	Date:	△			
Reviewed:	Date:	△			
Approved:	Date:	△			
Approved:	Date:	△	No.	Date:	Revision:
					By:

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CROSS SECTIONS (16)
O'BRIEN STREET
ROADWAY IMPROVEMENTS

Field Book:	
Atlas Sheet:	
File No.	Index No.
Job No.	
SCALE: 1"=20' HOR., 1"=10' VERT.	
SHEET 29 OF 33	



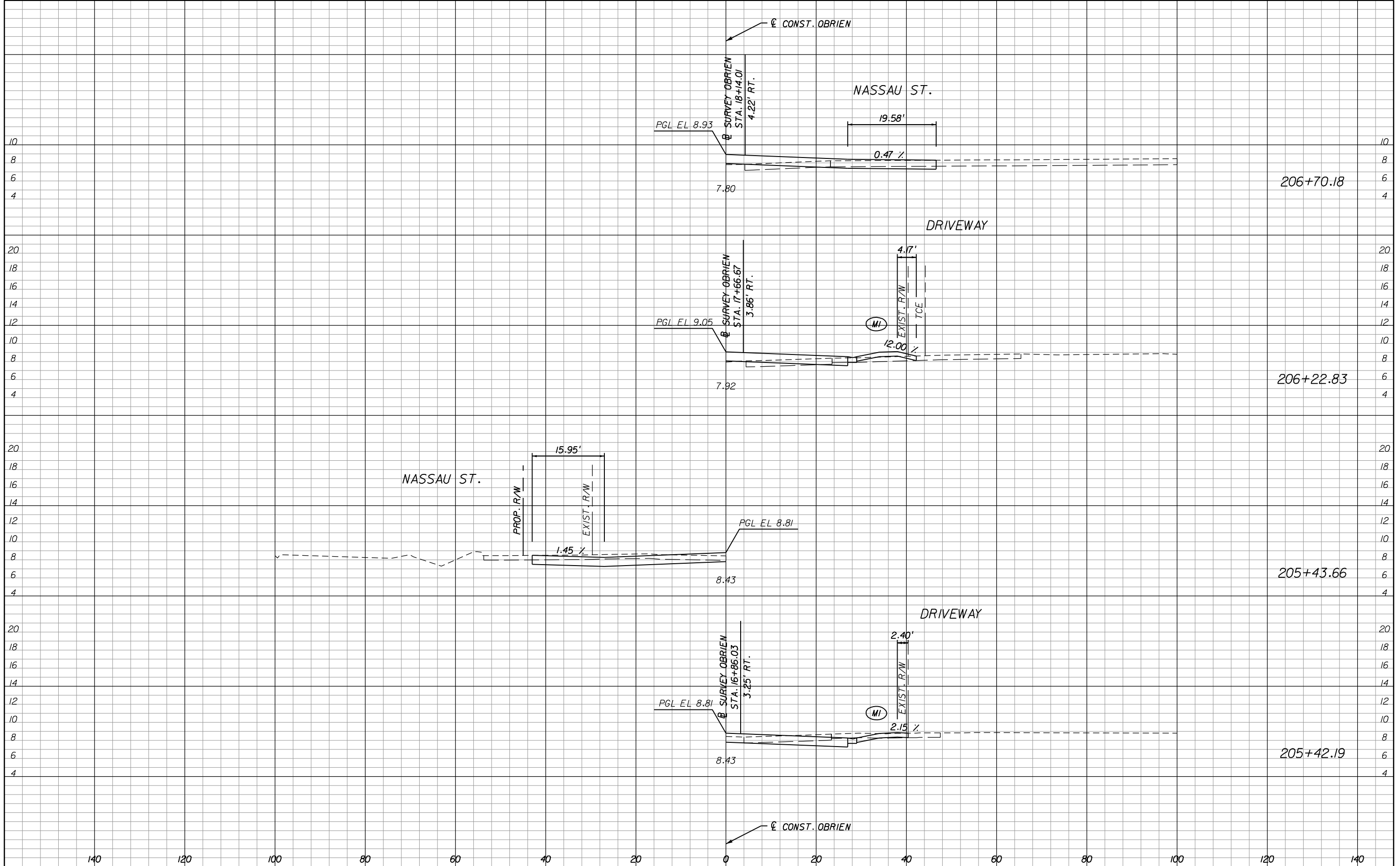
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Checked:	Date:	△			
Reviewed:	Date:	△			
Approved:	Date:	△			
Approved:	Date:	△	No.	Date:	Revision:
					By:

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**CROSS SECTIONS (01)
 DRIVEWAYS
 ROADWAY IMPROVEMENTS**

Field Book:	
Atlas Sheet:	
File No.	
Job No.	
SCALE: 1"=20' HOR., 1"=10' VERT.	
SHEET 30 OF 33	



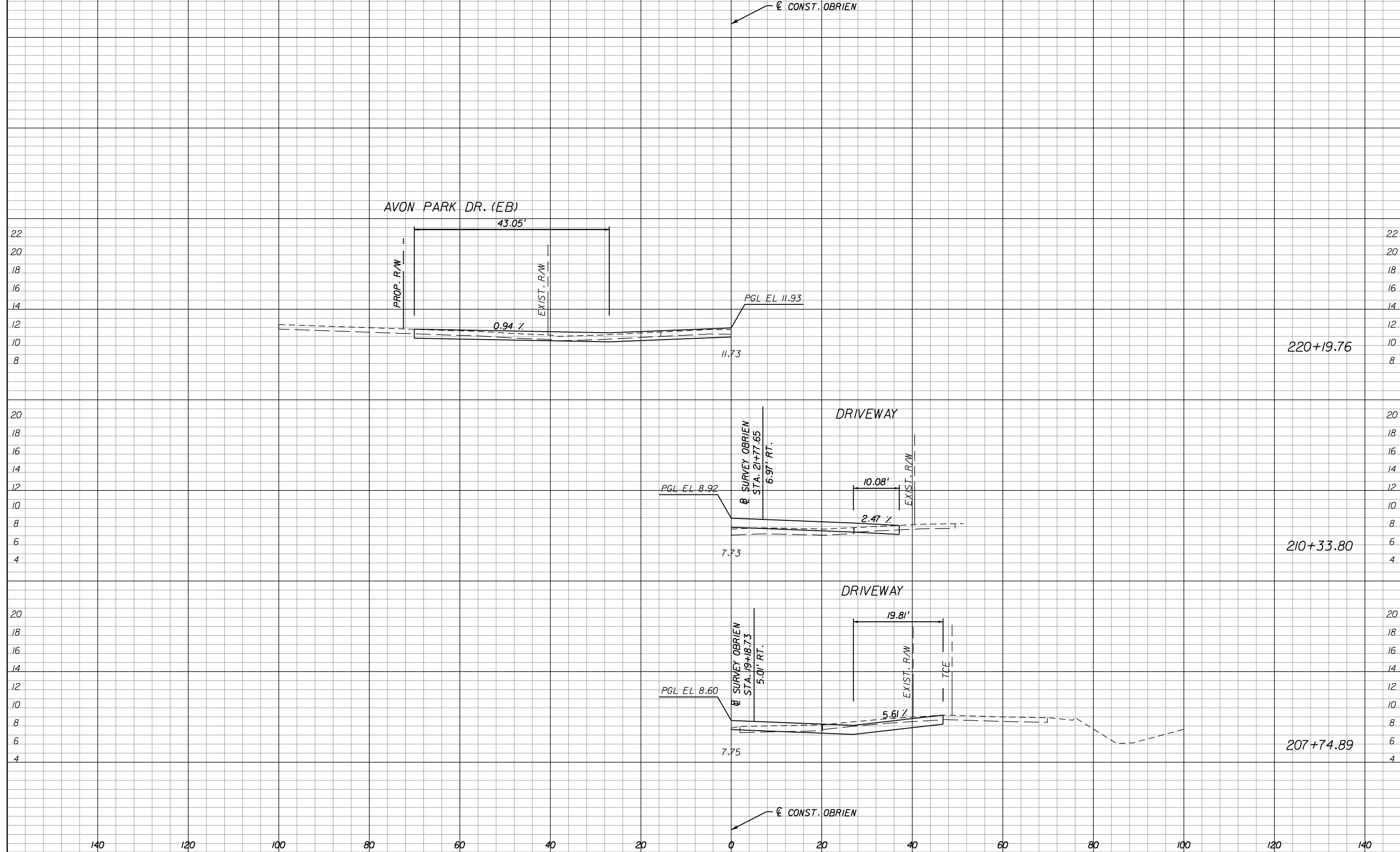
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Designed:	Date:	△			
Checked:	Date:	△			
Reviewed:	Date:	△			
Approved:	Date:	△			
Approved:	Date:	△	No.	Date:	Revision:
					By:

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**CROSS SECTIONS (02)
 DRIVEWAYS
 ROADWAY IMPROVEMENTS**

Field Book:	
Atlas Sheet:	
File No.	Index No.
Job No.	
SCALE: 1"=20' HOR., 1"=10' VERT.	
SHEET 31 OF 33	



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Drawn:	Date:	△			
Designed:	Date:	△			
Checked:	Date:	△			
Reviewed:	Date:	△			
Approved:	Date:	△			
Approved:	Date:	△	No.	Date:	Revision:
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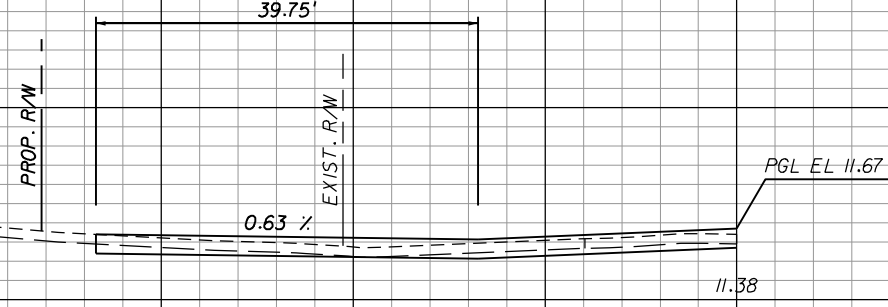
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**CROSS SECTIONS (03)
 DRIVEWAYS
 ROADWAY IMPROVEMENTS**

Field Book:	
Atlas Sheet:	
File No.	
Job No.	
SCALE: 1"=20' HOR., 1"=10' VERT.	
SHEET 32 OF 33	

℄ CONST. O'BRIEN

AVON PARK DR. (WB)



℄ CONST. O'BRIEN

22
20
18
16
14
12
10
8

22
20
18
16
14
12
10
8

140 120 100 80 60 40 20 0 20 40 60 80 100 120 140

220+51.16

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Approved:	Date:	△			
Approved:	Date:	△	No.	Date:	Revision:
					By:

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**CROSS SECTIONS (04)
DRIVEWAYS
ROADWAY IMPROVEMENTS**

Field Book:	
Atlas Sheet:	
File No.	Index No.
Job No.	
SCALE: 1"=20' HOR., 1"=10' VERT.	✓
SHEET 33 OF 33	