



**US Army Corps
of Engineers**

Vicksburg District
4155 Clay Street
Vicksburg, MS 39183-3435
www.mvk.usace.army.mil



Public Notice

APPLICATION NO.:	<u>MVK-2021-793</u>
EVALUATOR:	<u>Ms. Tarmiko Graham</u>
PHONE NO.:	<u>(601) 631-5540</u>
E-MAIL:	<u>Tarmiko.V.Graham@usace.army.mil</u>
DATE:	<u>July 20, 2022</u>
EXPIRATION DATE:	<u>August 9, 2022</u>

Interested parties are hereby notified that the U.S. Army Corps of Engineers, Vicksburg District, and the Arkansas Department of Environmental Quality are considering an application for a Department of the Army Permit and State Water Quality Certification for the work described herein. Comments should be forwarded to the Vicksburg District, Attention: CEMVK-RD, and the Arkansas Department of Environmental Quality at Post Office Box 8913, Little Rock, Arkansas 72219-8913, and must reach these offices by the cited expiration date.

The Clean Water Act (CWA) Section 401 Certification Rule (Certification Rule, 40 CFR 121), effective September 11, 2020, requires certification for any license or permit that authorizes an activity that may result in a discharge. The scope of a CWA Section 401 certification is limited to assuring that a discharge from a Federally licensed or permitted activity will comply with water quality requirements. The applicant is responsible for requesting certification and providing required information to the certifying agency. As of the date of this public notice, the applicant has not submitted a certification request to the Arkansas Department of Environmental Quality (certifying authority). In accordance with Certification Rule part 121.6, once the applicant submits a certification request, the Corps of Engineers will notify the certifying agency of the reasonable period of time for them to act upon the certification.

Law Requiring a Permit: Section 404 of the Clean Water Act (33 U.S.C. 1344), which applies to discharges of dredged and/or fill material into waters of the United States.

Name of Applicant:
Mr. Richard Penn
City of Sherwood
31 Shelby Road
Sherwood, Arkansas 72120

Name of Agent:
Mr. Colby Marshall
Garver, LLC
2049 East Joyce Blvd.
Fayetteville, Arkansas 72703

Location of Work: Sections 19 and 20, T3N-R11W, Latitude 34.883434, Longitude -92.22151, within the Kellogg Creek Drainage Basin (8-digit USGS HUC 08020402), Pulaski County, Arkansas.

Description of Work: (See enclosed map and drawings.)

The following descriptions of the proposed project and associated impacts are based upon information provided by the applicant.

The applicant is applying for a Department of the Army permit to conduct regulated activities in “Waters of the U.S.” for the purpose of drainage improvements to Jacksonville-Cato Road in Sherwood, Arkansas. The purpose of the project is to elevate the roadway above the flood plain, straighten geometry for safety purposes and to accommodate traffic for a growing community.

The proposed project site is located near Cato-Elementary School and extends along Jacksonville-Cato Rd. for 1.7 miles and ends at State Highway 107. The project would include straightening the geometry, raising the elevation, widening the roadway, increasing the Right-of-Way (ROW) width, drainage improvements, and adding bike lanes and sidewalks.

Approximately 1.4 acres of forested wetlands and approximately 647 linear feet of an intermittent stream would be impacted for the proposed drainage improvements. Approximately 2,911 cubic yards of fill material and 336 cubic yards of concrete fill would be placed in the jurisdictional areas.

The Applicant proposes to purchase the required compensatory mitigation credits from a USACE Vicksburg District approved mitigation bank.

The dominant wetland vegetation within the project area consists of groundsel tree (*Baccharis halimifolia*), black willow (*Salix nigra*), lamp rush, tapered rosette grass (*Dichanthelium acuminatum*), horsebrier, black tupelo (*Nyssa sylvatica*), red maple, fescue sedge (*Carex festucacea*), sweet-gum, water oak (*Quercus phellos*), hop sedge (*Carex lupulina*) and lizard’s-tail. Riparian vegetation within the project area consists of American sycamore (*Platanus occidentalis*), white oak (*Quercus alba*), Chinese privet (*Ligustrum sinense*), annual ragweed (*Ambrosia artemisiifolia*), and goldenrod (*Solidago sp.*). Soils within the project area consists of Leadvale silt loam, Guthrie-leadvale complex and Linker gravelly fine sandy loam.

Upon reviewing this notice, you should write to this office to provide your opinion of the impacts this work will have on the natural and human environment and address any mitigation you believe is necessary to offset these impacts. Other comments are welcome, but the above information will further our review of the applicant’s plan as proposed. Comments of a general nature are not as helpful as those specific to the impacts of the subject project.

State Water Quality Permit: The State Pollution Control Agency must certify that the described work will comply with the State's water quality standards and effluent limitations before a Corps permit is issued.

Cultural Resources: The Regulatory Archaeologist has reviewed the latest published version of the National Register of Historic Places, lists of properties determined eligible, and other sources of information. The following is current knowledge of the presence or absence of historic properties and the effects of the proposed undertaking upon these properties. The permit area is composed (entirely) of low-lying wetlands with no existing or subsided natural levee landforms: and therefore, has a very low potential for yielding unidentified cultural deposits that may be eligible for the National Register of Historic Places.

Endangered Species: Threatened and Endangered Species for this area include the Eastern Black Rail, the Piping Glover, the Red Knot and the Running Buffalo Clover. The Corps has determined that the proposed activity would have no effect on these species as the project location does not contain suitable habitat for either species.

Floodplain: In accordance with 44 CFR Part 60 (Floodplain Management and Use), participating communities are required to review all proposed development to determine if a floodplain development permit is required. Floodplain administrators should review the proposed development described in this public notice and apprise this office of any flood plain development permit requirements. The project is located within the 100-year floodplain.

Evaluation Factors: The decision whether or not to issue a permit will be based upon an evaluation of the probable impact of the proposed activity on the public interest. That decision will reflect the national concern for both protection and utilization of important resources. The benefits which may be expected to accrue from the proposal must be balanced against its expected adverse effects. All factors which may be relevant to the proposal will be considered; among these are conservation, economics, aesthetics, general environmental concerns, historic values, fish and wildlife values, flood damage prevention, land use classification, navigation, recreation, water supply, water quality, energy needs, safety, food requirements and, in general, the needs and welfare of the people. Evaluation of the proposed activity will include application of the guidelines published by the Environmental Protection Agency under authority of Section 404(b) of the Clean Water Act.

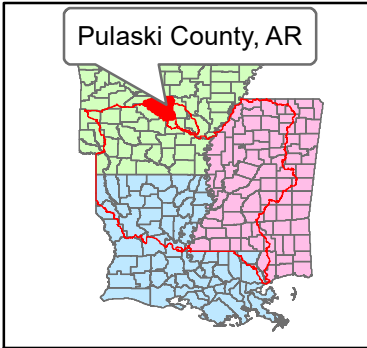
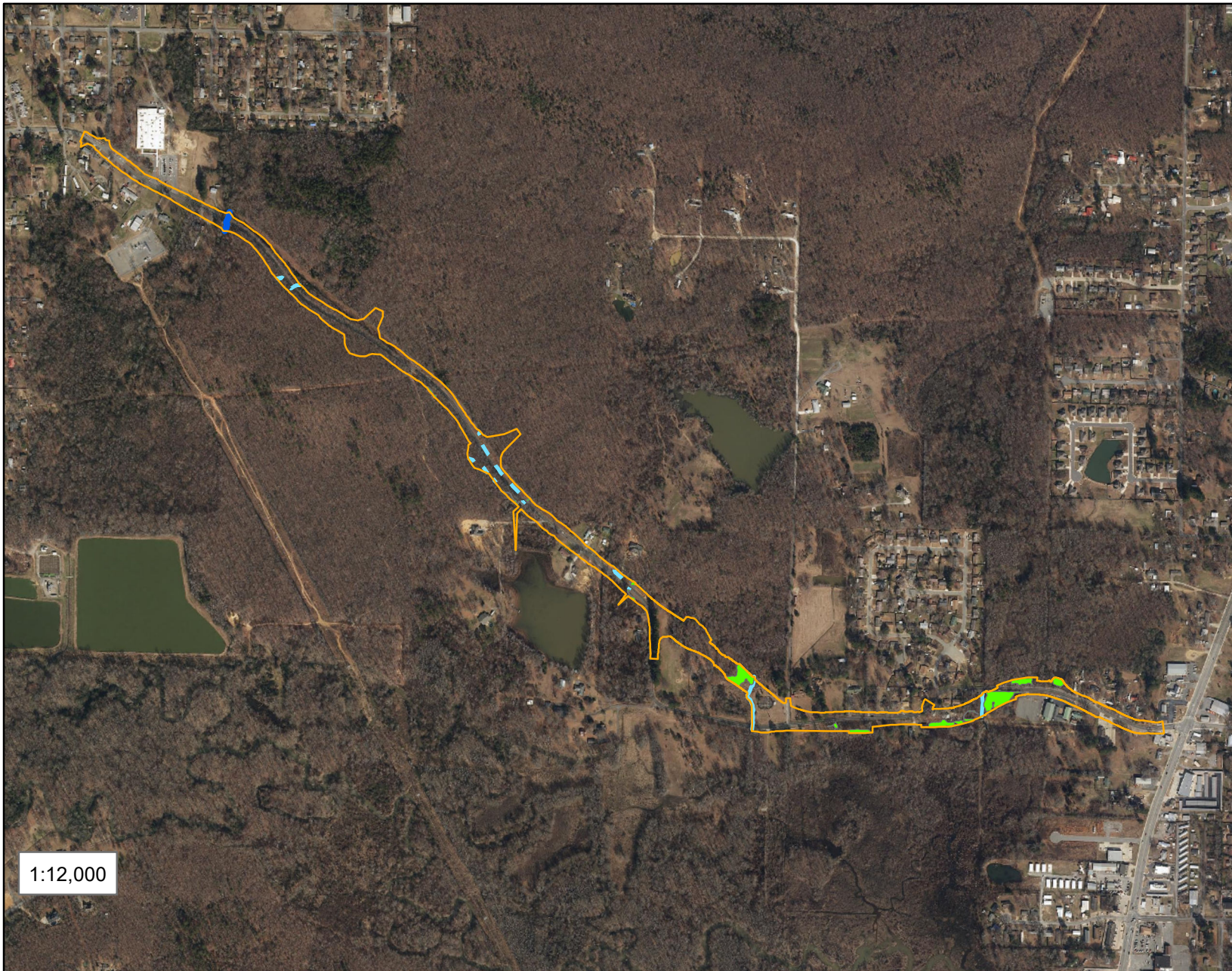
Public Involvement: The purpose of this notice is to solicit comments from the public; Federal, State, and local agencies and officials; Indian Tribes; and other interested parties. These comments will be used to evaluate the impacts of this project. All comments will be considered and used to help determine whether to issue the permit, deny the permit, or issue the permit with conditions, and to help

us determine the amount and type of mitigation necessary. This information will be used in our Environmental Assessment or Impact Statement. Comments are also used to determine the need for a public hearing.

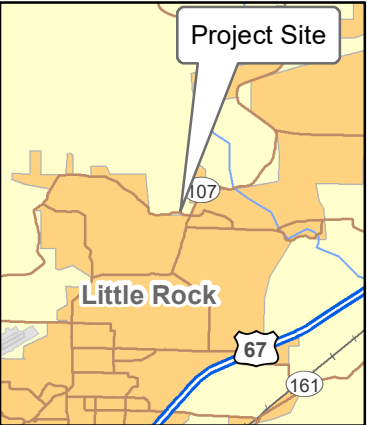
Opportunity for a Public Hearing: Any person may make a written request for a public hearing to consider this permit application. This request must be submitted by the public notice expiration date and must clearly state why a hearing is necessary. Failure of any agency or individual to comment on this notice will be interpreted to mean that there is no objection to the proposed work. Please bring this announcement to the attention of anyone you know who might be interested in this matter.

Notification of Final Permit Actions: Each month, the final permit actions from the preceding month are published on the Vicksburg District Regulatory web page. To access this information, you may follow the link from the Regulatory web page, <http://www.mvk.usace.army.mil/Missions/Regulatory.aspx>.

for *Anthony R Lobred*
Bryan Williamson
Chief, Permit and Evaluation Branch
Regulatory Division



11 July 2022
MVK-2021-793
 Jurisdictional Determination
 Jacksonville-Cato Road
 City of Sherwood
 Sherwood, Pulaski County, AR
**Preliminary
 Jurisdictional Determination**
 Prepared by
 Arel Simpson



**US Army Corps
of Engineers®**

**Regulatory Division
Enforcement &
Compliance Branch**


0 275 550 1,100 Feet

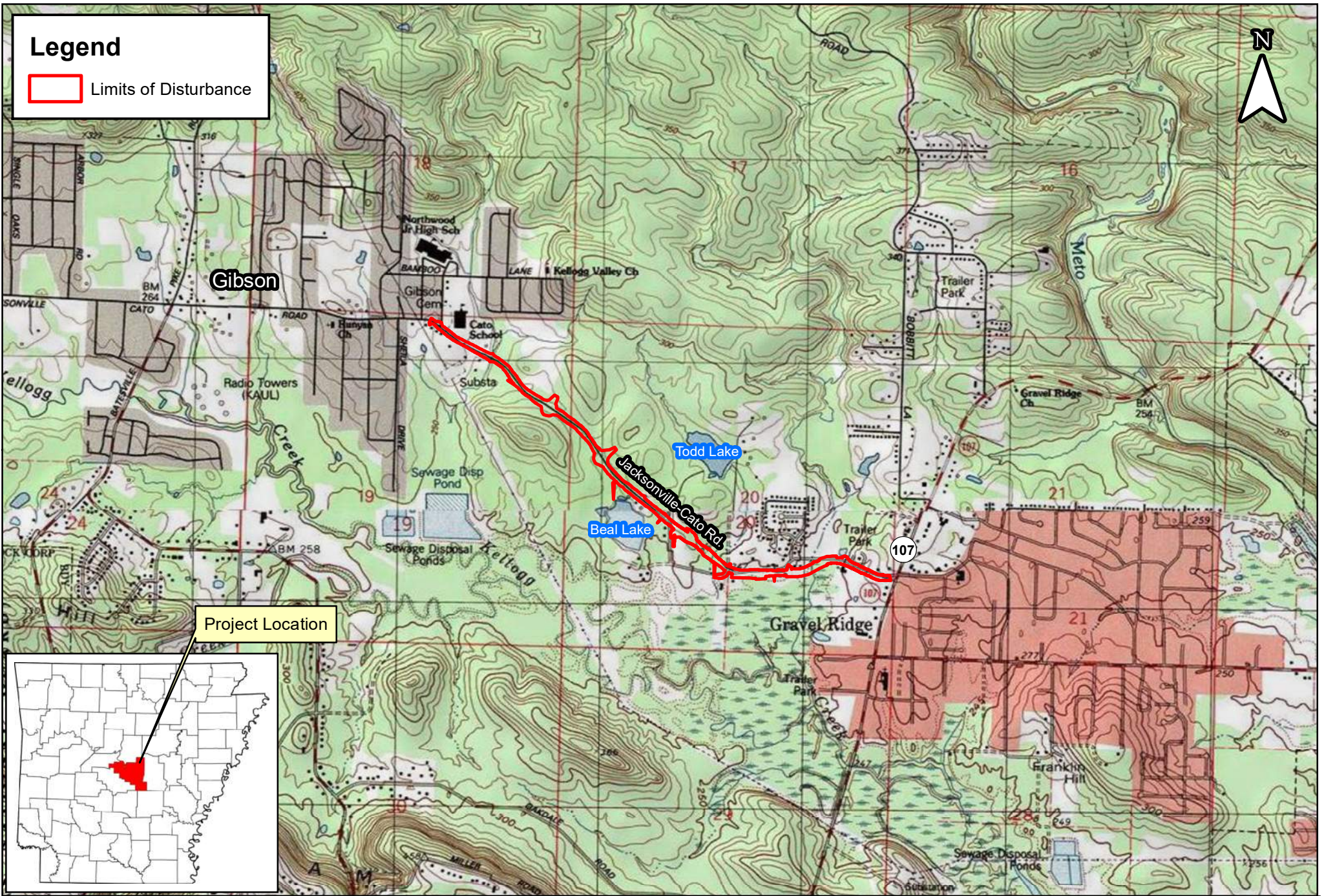
Enclosure 1

There are jurisdictional waters of the U.S. within the project boundary.

Legend	
	Project Boundary (24.59 Acs.)
	Jurisdictional Wetlands (2.07 Acs)
	Perennial Stream (139 L.F.)
	Intermittent Streams (548 L.F.)
	Ephemeral Streams (1,352 L.F.)

Legend

 Limits of Disturbance



SITE LOCATION MAP
Jacksonville-Cato Road Street and
Drainage Improvements
Sherwood, Pulaski County, Arkansas
USGS Topographic Map; ESRI GIS INFORMATION

Start: Lat: 34.883434°
Long: -92.221510°
End: Lat: 34.872075°
Long: -92.196751°

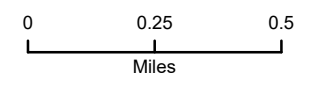
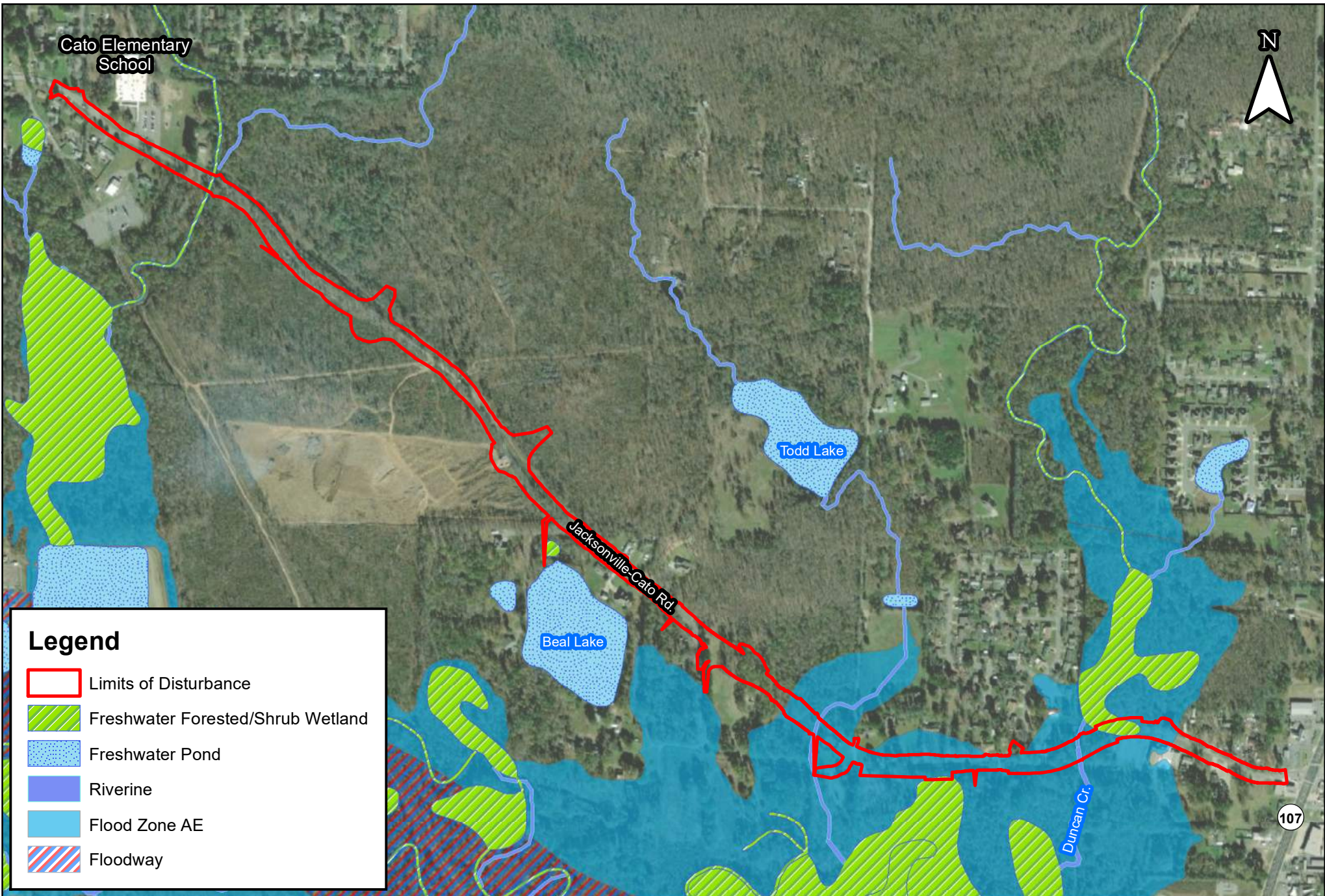


Figure 1



Cato Elementary School



Legend

- Limits of Disturbance
- Freshwater Forested/Shrub Wetland
- Freshwater Pond
- Riverine
- Flood Zone AE
- Floodway

Jacksonville-Cato Rd.

Todd Lake

Beal Lake

Duncan Cr.

107



NWI WETLAND & FEMA FLOOD MAP
 Jacksonville-Cato Road Street and
 Drainage Improvements
 Sherwood, Pulaski County, Arkansas
 2020 ESRI Aerial Imagery; ESRI GIS INFORMATION

Start: Lat: 34.883434°
 Long: -92.221510°
 End: Lat: 34.872075°
 Long: -92.196751°

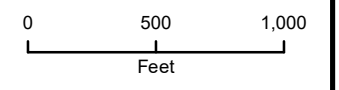


Figure 4

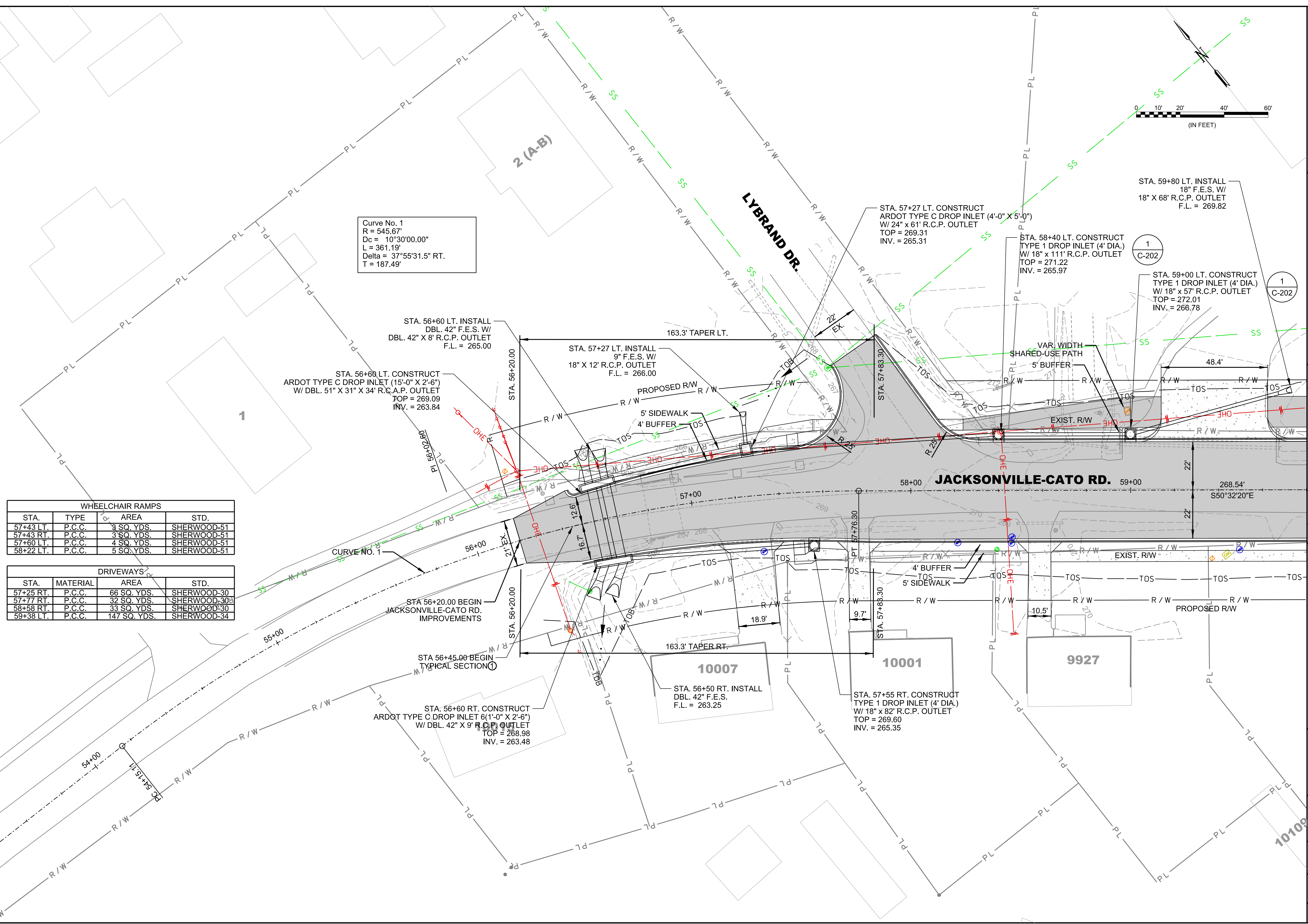


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PRELIMINARY DESIGN (50%)
 NOT FOR CONSTRUCTION



Curve No. 1
 R = 545.67'
 Dc = 10°30'00.00"
 L = 361.19'
 Delta = 37°55'31.5" RT.
 T = 187.49'



WHEELCHAIR RAMPS			
STA.	TYPE	AREA	STD.
57+43 LT.	P.C.C.	3 SQ. YDS.	SHERWOOD-51
57+43 RT.	P.C.C.	3 SQ. YDS.	SHERWOOD-51
57+60 LT.	P.C.C.	4 SQ. YDS.	SHERWOOD-51
58+22 LT.	P.C.C.	5 SQ. YDS.	SHERWOOD-51

DRIVEWAYS			
STA.	MATERIAL	AREA	STD.
57+25 RT.	P.C.C.	66 SQ. YDS.	SHERWOOD-30
57+77 RT.	P.C.C.	32 SQ. YDS.	SHERWOOD-30
58+58 RT.	P.C.C.	33 SQ. YDS.	SHERWOOD-30
59+38 LT.	P.C.C.	147 SQ. YDS.	SHERWOOD-34

BY	DESCRIPTION	DATE	REV.

Figure 5
 JACKSONVILLE-CATO ROAD
 STREET AND DRAINAGE
 IMPROVEMENTS - PHASE I

JACKSONVILLE-CATO
 ROADWAY
 STA. 56+20 TO
 STA 59+60
 (SHEET 1 OF 20)

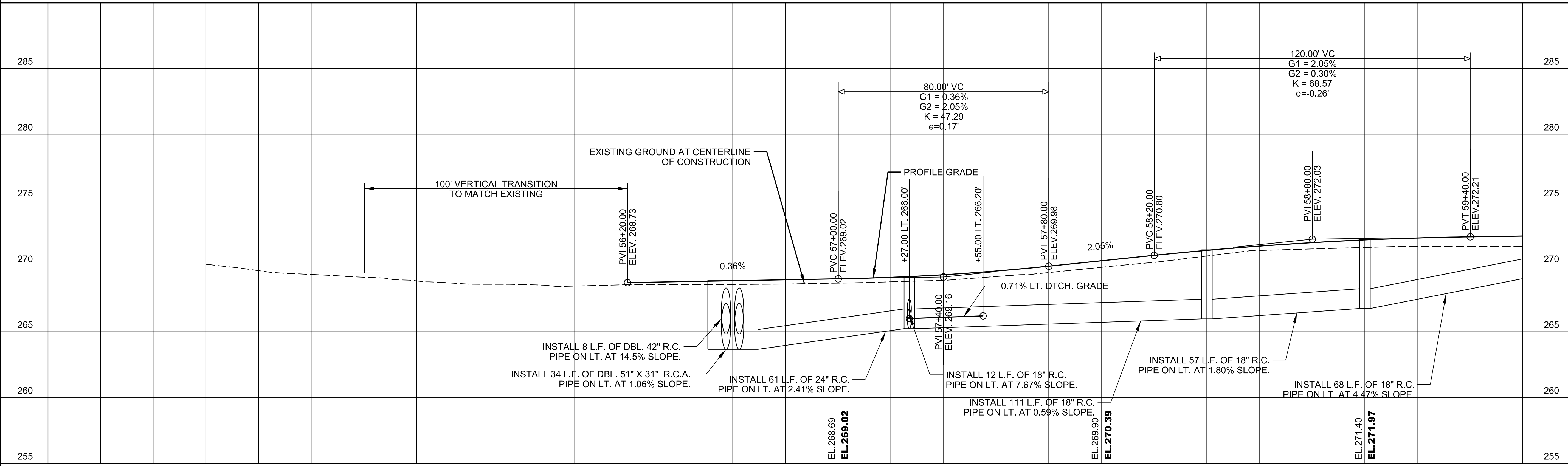
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 DATE: JUNE 2021
 DESIGNED BY: CMC
 DRAWN BY: AMW

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 IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY.

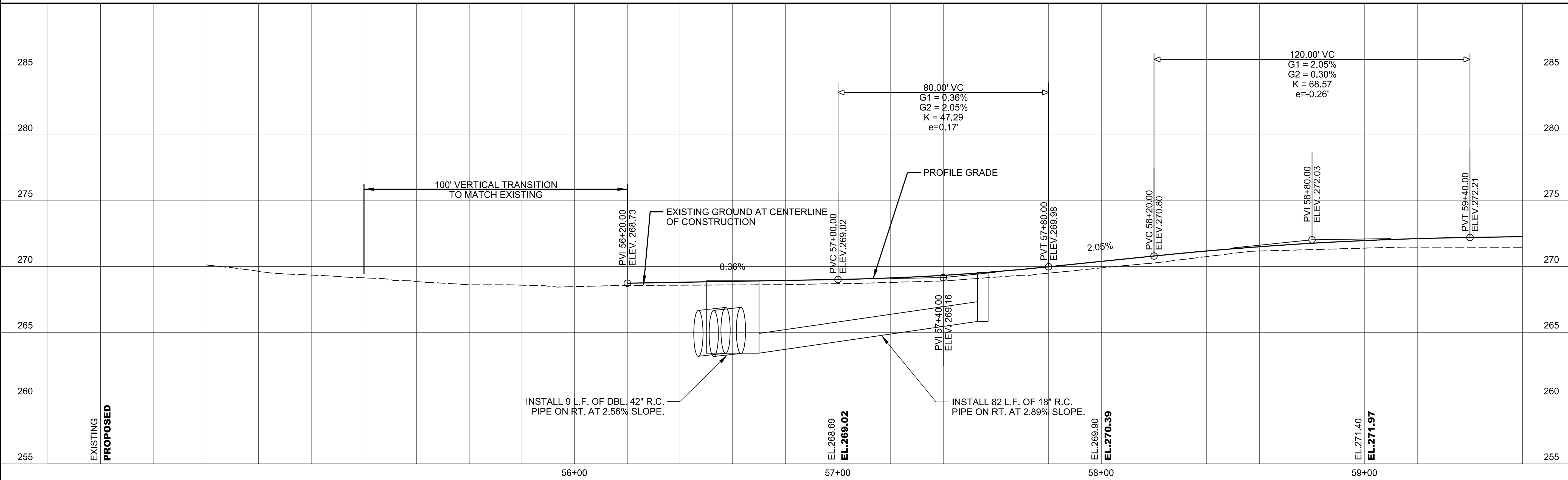
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LEFT SIDE OF JACKSONVILLE-CATO RD.



RIGHT SIDE OF JACKSONVILLE-CATO RD.



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REV.	DATE	DESCRIPTION	BY

CITY OF SHERWOOD
 PULASKI COUNTY, ARKANSAS

JACKSONVILLE-CATO ROAD
 STREET AND DRAINAGE
 IMPROVEMENTS - PHASE I

JACKSONVILLE-CATO
 ROADWAY
 PROFILE
 STA. 56+20 TO
 STA 59+60
 (SHEET 2 OF 20)

JOB NO.: 18017190
 DATE: APRIL 2021
 DESIGNED BY: CMC
 DRAWN BY: AMW

BAR IS ONE INCH ON
 ORIGINAL DRAWING
 0 1" = 100'
 IF NOT ONE INCH ON THIS SHEET,
 ADJUST SCALES ACCORDINGLY.

DRAWING NUMBER
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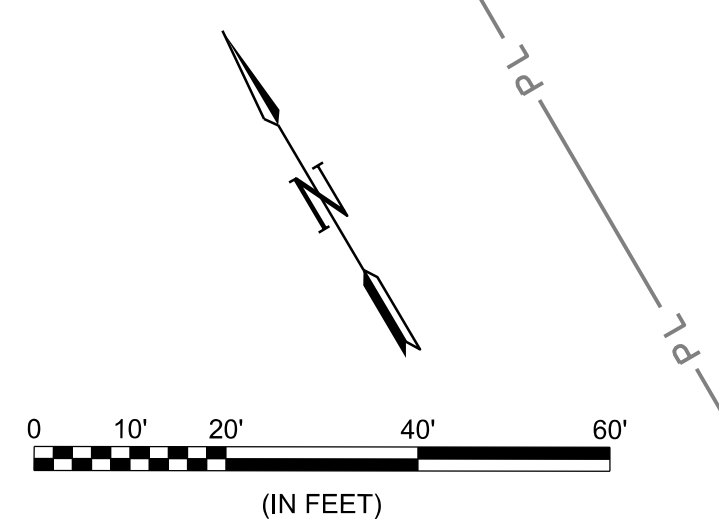
SHEET
 NUMBER



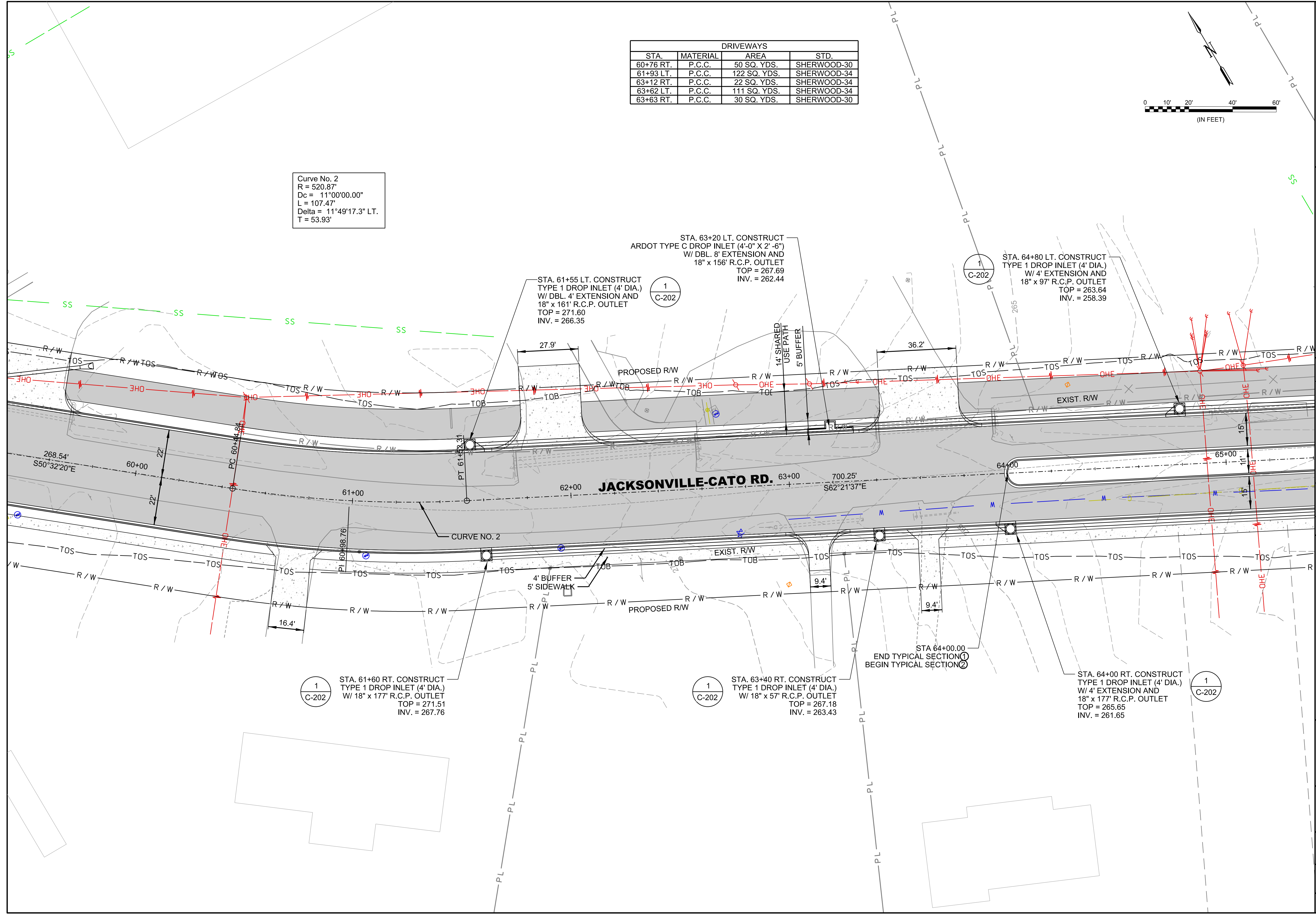
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DRIVEWAYS			
STA.	MATERIAL	AREA	STD.
60+76 RT.	P.C.C.	50 SQ. YDS.	SHERWOOD-30
61+93 LT.	P.C.C.	122 SQ. YDS.	SHERWOOD-34
63+12 RT.	P.C.C.	22 SQ. YDS.	SHERWOOD-34
63+62 LT.	P.C.C.	111 SQ. YDS.	SHERWOOD-34
63+63 RT.	P.C.C.	30 SQ. YDS.	SHERWOOD-30



Curve No. 2
 R = 520.87'
 Dc = 11°00'00.00"
 L = 107.47'
 Delta = 11°49'17.3" LT.
 T = 53.93'



STA. 63+20 LT. CONSTRUCT
 ARDOT TYPE C DROP INLET (4'-0" X 2'-6")
 W/ DBL. 8' EXTENSION AND
 18" x 156" R.C.P. OUTLET
 TOP = 267.69
 INV. = 262.44

STA. 61+55 LT. CONSTRUCT
 TYPE 1 DROP INLET (4' DIA.)
 W/ DBL. 4' EXTENSION AND
 18" x 161" R.C.P. OUTLET
 TOP = 271.60
 INV. = 266.35

STA. 64+80 LT. CONSTRUCT
 TYPE 1 DROP INLET (4' DIA.)
 W/ 4' EXTENSION AND
 18" x 97" R.C.P. OUTLET
 TOP = 263.64
 INV. = 258.39

STA. 61+60 RT. CONSTRUCT
 TYPE 1 DROP INLET (4' DIA.)
 W/ 18" x 177" R.C.P. OUTLET
 TOP = 271.51
 INV. = 267.76

STA. 63+40 RT. CONSTRUCT
 TYPE 1 DROP INLET (4' DIA.)
 W/ 18" x 57" R.C.P. OUTLET
 TOP = 267.18
 INV. = 263.43

STA. 64+00 RT. CONSTRUCT
 TYPE 1 DROP INLET (4' DIA.)
 W/ 4' EXTENSION AND
 18" x 177" R.C.P. OUTLET
 TOP = 265.65
 INV. = 261.65

REV.	DATE	DESCRIPTION

CITY OF SHERWOOD
 PULASKI COUNTY, ARKANSAS

JACKSONVILLE-CATO ROAD
 STREET AND DRAINAGE
 IMPROVEMENTS - PHASE I

JACKSONVILLE-CATO
 PLAN
 ROADWAY
 STA. 59+60 TO
 STA. 65+20
 (SHEET 3 OF 20)

JOB NO.: 18017190
 DATE: JUNE 2021
 DESIGNED BY: CMC
 DRAWN BY: AMW

BAR IS ONE INCH ON
 ORIGINAL DRAWING
 IF NOT ONE INCH ON THIS SHEET,
 ADJUST SCALES ACCORDINGLY.

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REV.	DATE	DESCRIPTION	BY

CITY OF SHERWOOD
 PULASKI COUNTY, ARKANSAS

JACKSONVILLE-CATO ROAD
 STREET AND DRAINAGE
 IMPROVEMENTS - PHASE I

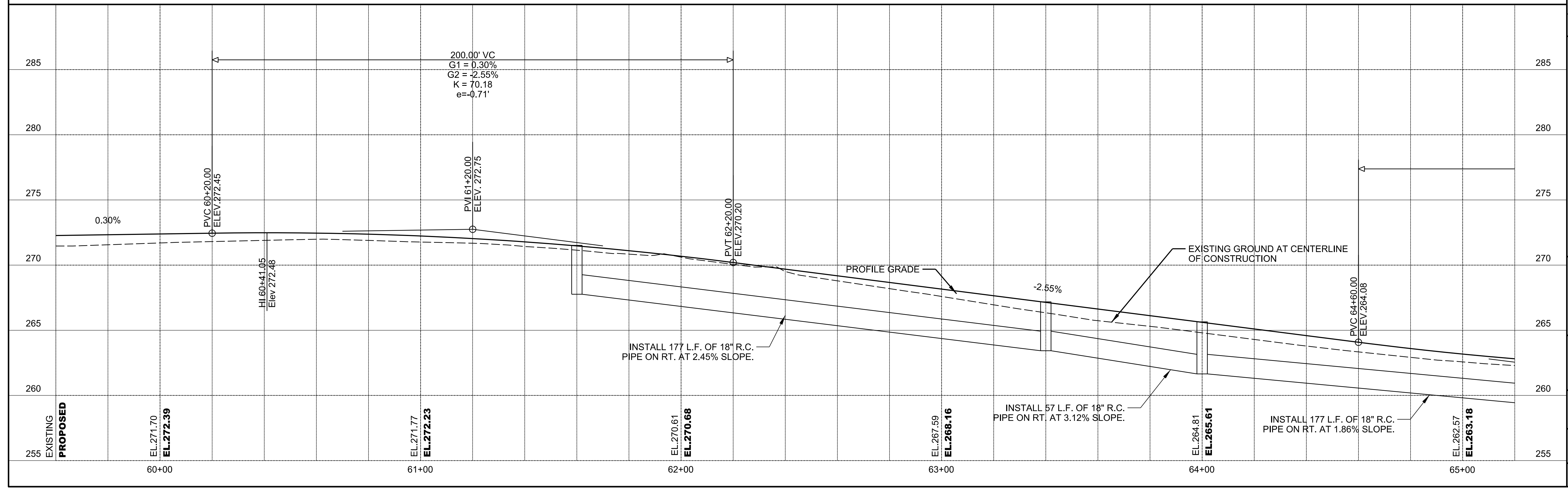
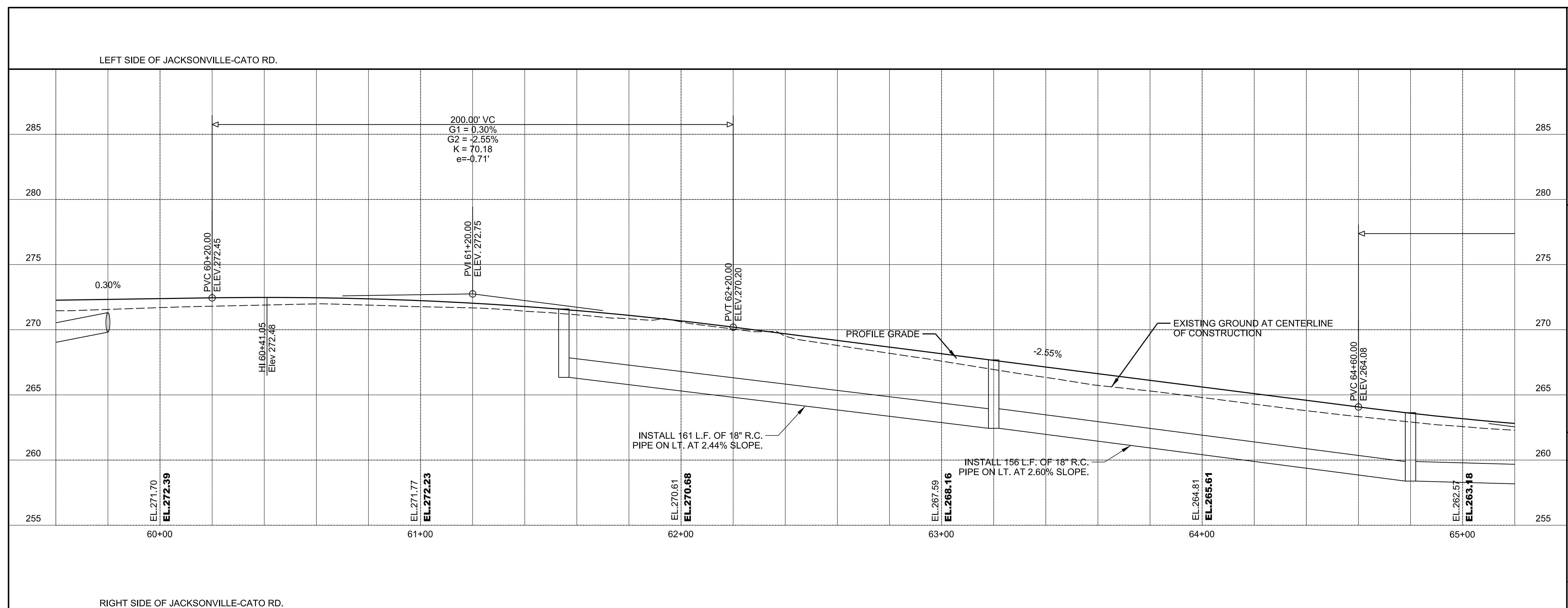
JACKSONVILLE-CATO
 ROADWAY
 STA. 59+60 TO
 STA 65+20
 (SHEET 4 OF 20)

JOB NO.: 18017190
 DATE: APRIL 2021
 DESIGNED BY: CMC
 DRAWN BY: AMW

BAR IS ONE INCH ON
 ORIGINAL DRAWING
 0" = 1" INCH ON THIS SHEET.
 IF NOT ONE INCH ON THIS SHEET,
 ADJUST SCALES ACCORDINGLY.

DRAWING NUMBER
C-604

SHEET
 NUMBER



LEFT SIDE OF JACKSONVILLE-CATO RD.

RIGHT SIDE OF JACKSONVILLE-CATO RD.

285
280
275
270
265
260
255

60+00 61+00 62+00 63+00 64+00 65+00

EL.271.70
EL.272.39

PVC 60+20.00
ELEV.272.45

HI.60+41.05
Elev 272.48

PVI.61+20.00
ELEV.272.75

PVT.62+20.00
ELEV.270.20

EL.270.61
EL.270.68

EL.267.59
EL.268.16

EL.264.81
EL.265.61

EL.262.57
EL.263.18

0.30%

200.00' VC
G1 = 0.30%
G2 = -2.55%
K = 70.18
e = -0.71'

PROFILE GRADE

-2.55%

EXISTING GROUND AT CENTERLINE
OF CONSTRUCTION

INSTALL 161 L.F. OF 18" R.C.
PIPE ON LT. AT 2.44% SLOPE.

INSTALL 156 L.F. OF 18" R.C.
PIPE ON LT. AT 2.60% SLOPE.

285
280
275
270
265
260
255

60+00 61+00 62+00 63+00 64+00 65+00

EL.271.70
EL.272.39

PVC 60+20.00
ELEV.272.45

HI.60+41.05
Elev 272.48

PVI.61+20.00
ELEV.272.75

PVT.62+20.00
ELEV.270.20

EL.270.61
EL.270.68

EL.267.59
EL.268.16

EL.264.81
EL.265.61

EL.262.57
EL.263.18

0.30%

200.00' VC
G1 = 0.30%
G2 = -2.55%
K = 70.18
e = -0.71'

PROFILE GRADE

-2.55%

EXISTING GROUND AT CENTERLINE
OF CONSTRUCTION

INSTALL 177 L.F. OF 18" R.C.
PIPE ON RT. AT 2.45% SLOPE.

INSTALL 57 L.F. OF 18" R.C.
PIPE ON RT. AT 3.12% SLOPE.

INSTALL 177 L.F. OF 18" R.C.
PIPE ON RT. AT 1.86%
SLOPE.

EXISTING
PROPOSED



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 PULASKI COUNTY, ARKANSAS

JACKSONVILLE-CATO ROAD
 STREET AND DRAINAGE
 IMPROVEMENTS - PHASE I

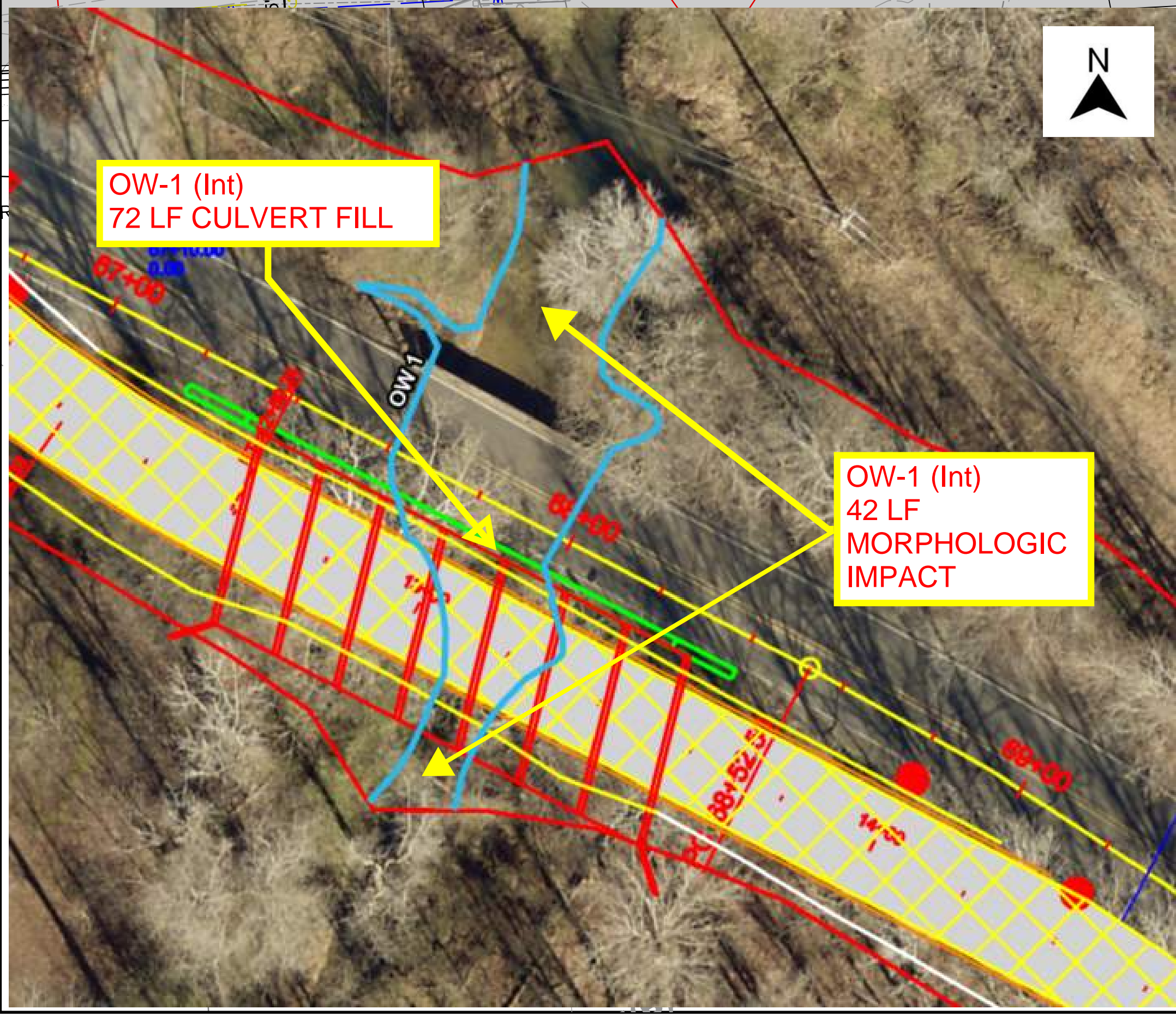
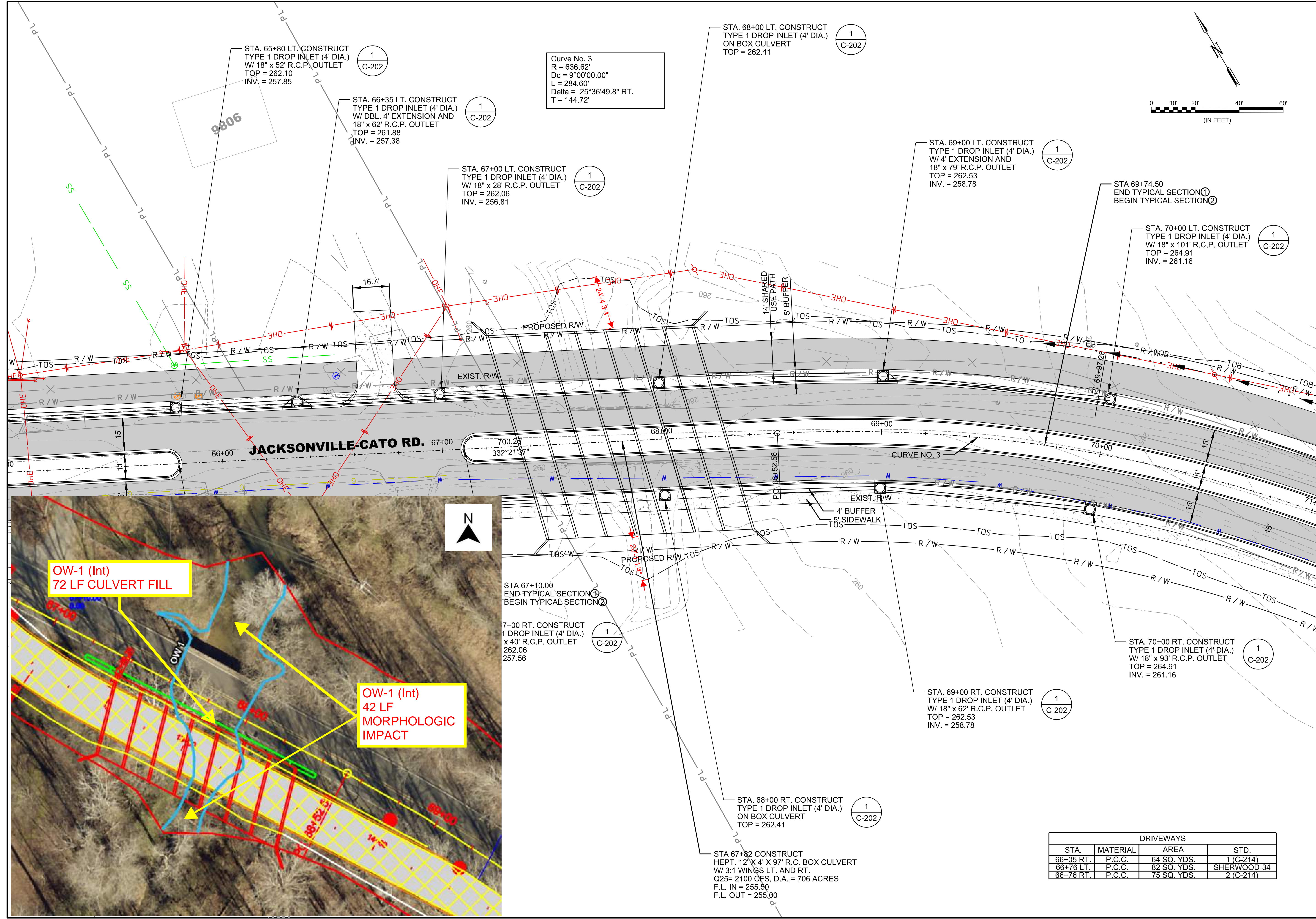
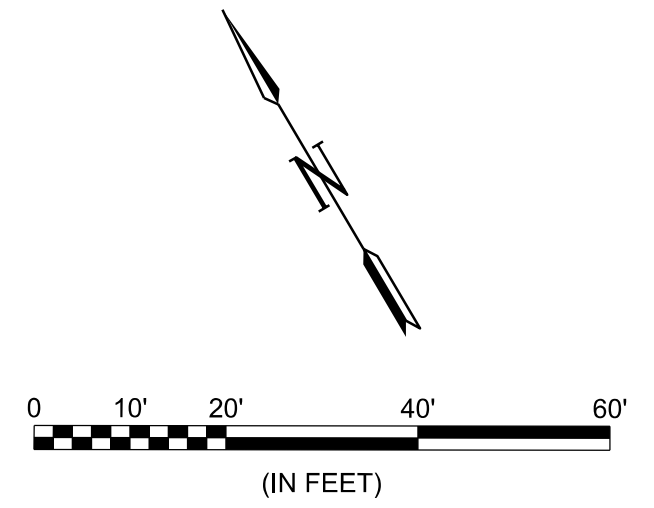
JACKSONVILLE-CATO
 PLAN
 ROADWAY
 STA. 65+20 TO
 STA 70+80
 (SHEET 5 OF 20)

JOB NO.: 18017190
 DATE: JUNE 2021
 DESIGNED BY: CMC
 DRAWN BY: AMW

BAR IS ONE INCH ON ORIGINAL DRAWING
 IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY.

DRAWING NUMBER
C-605

SHEET NUMBER



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 PULASKI COUNTY, ARKANSAS

JACKSONVILLE-CATO ROAD
 STREET AND DRAINAGE
 IMPROVEMENTS - PHASE I

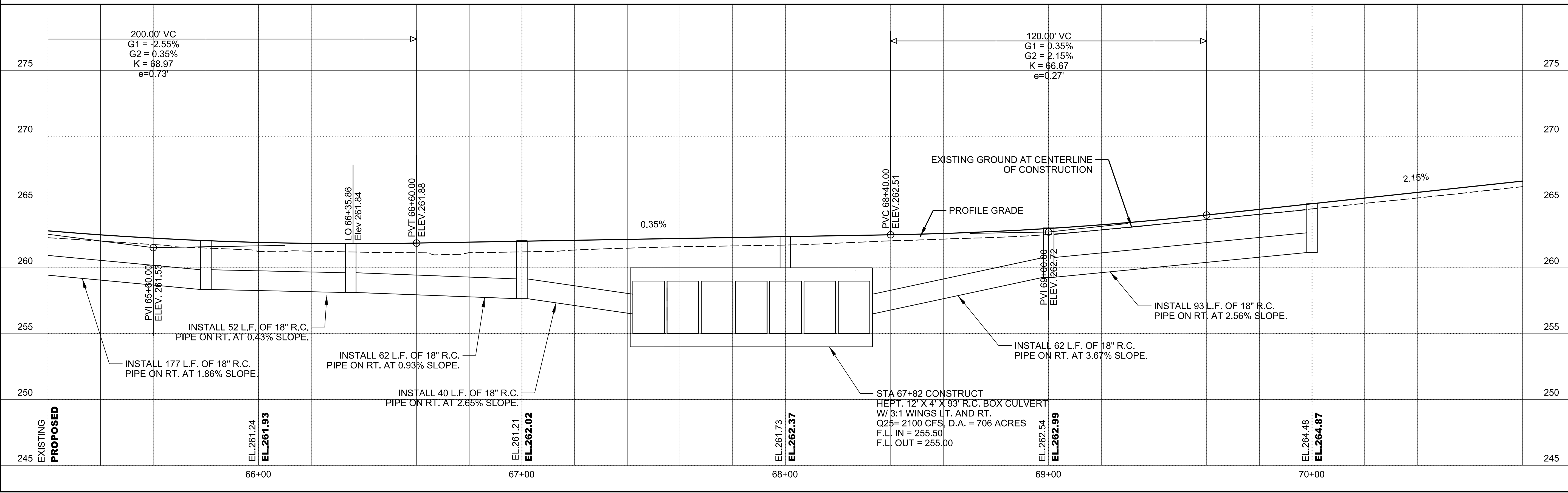
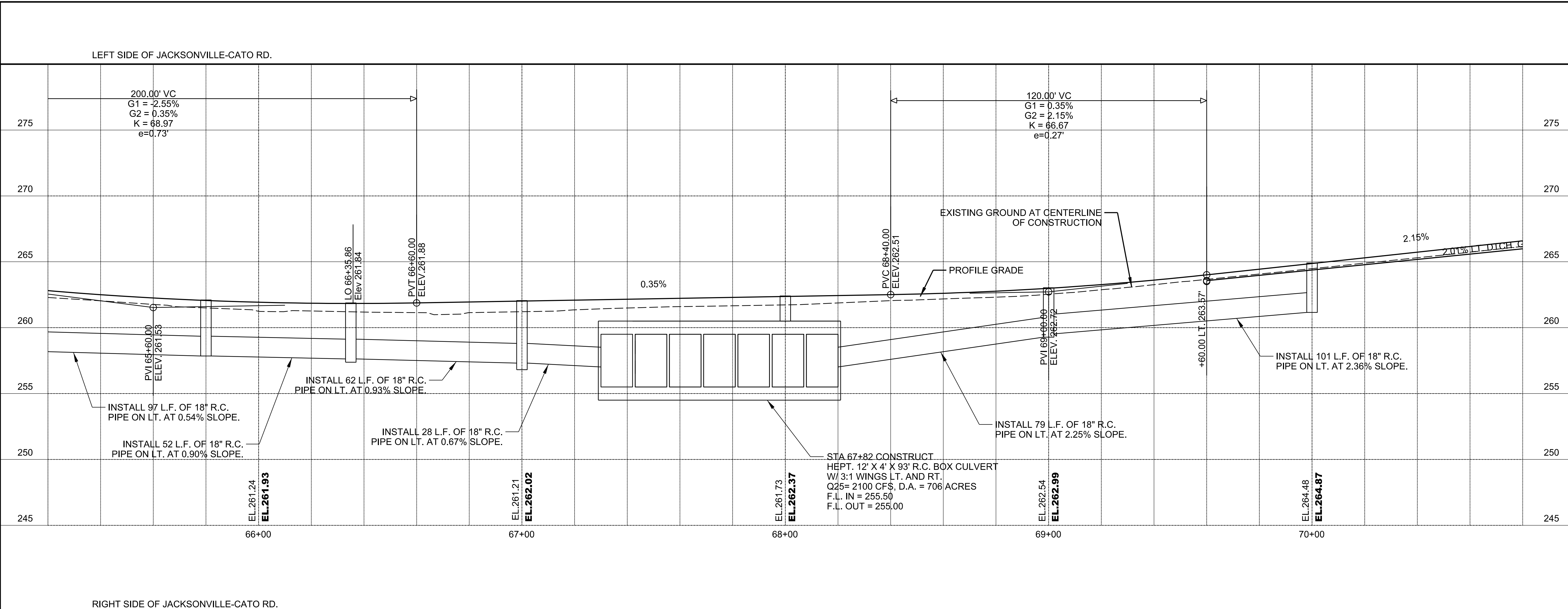
JACKSONVILLE-CATO
 ROADWAY
 PROFILE
 STA. 65+20 TO
 STA 70+80
 (SHEET 6 OF 20)

JOB NO.: 18017190
 DATE: APRIL 2021
 DESIGNED BY: CMC
 DRAWN BY: AMW

BAR IS ONE INCH ON ORIGINAL DRAWING
 0 1" = 10' IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY.

DRAWING NUMBER
C-606

SHEET NUMBER



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REV.	DATE	DESCRIPTION

CITY OF SHERWOOD
 PULASKI COUNTY, ARKANSAS

JACKSONVILLE-CATO ROAD
 STREET AND DRAINAGE
 IMPROVEMENTS - PHASE I

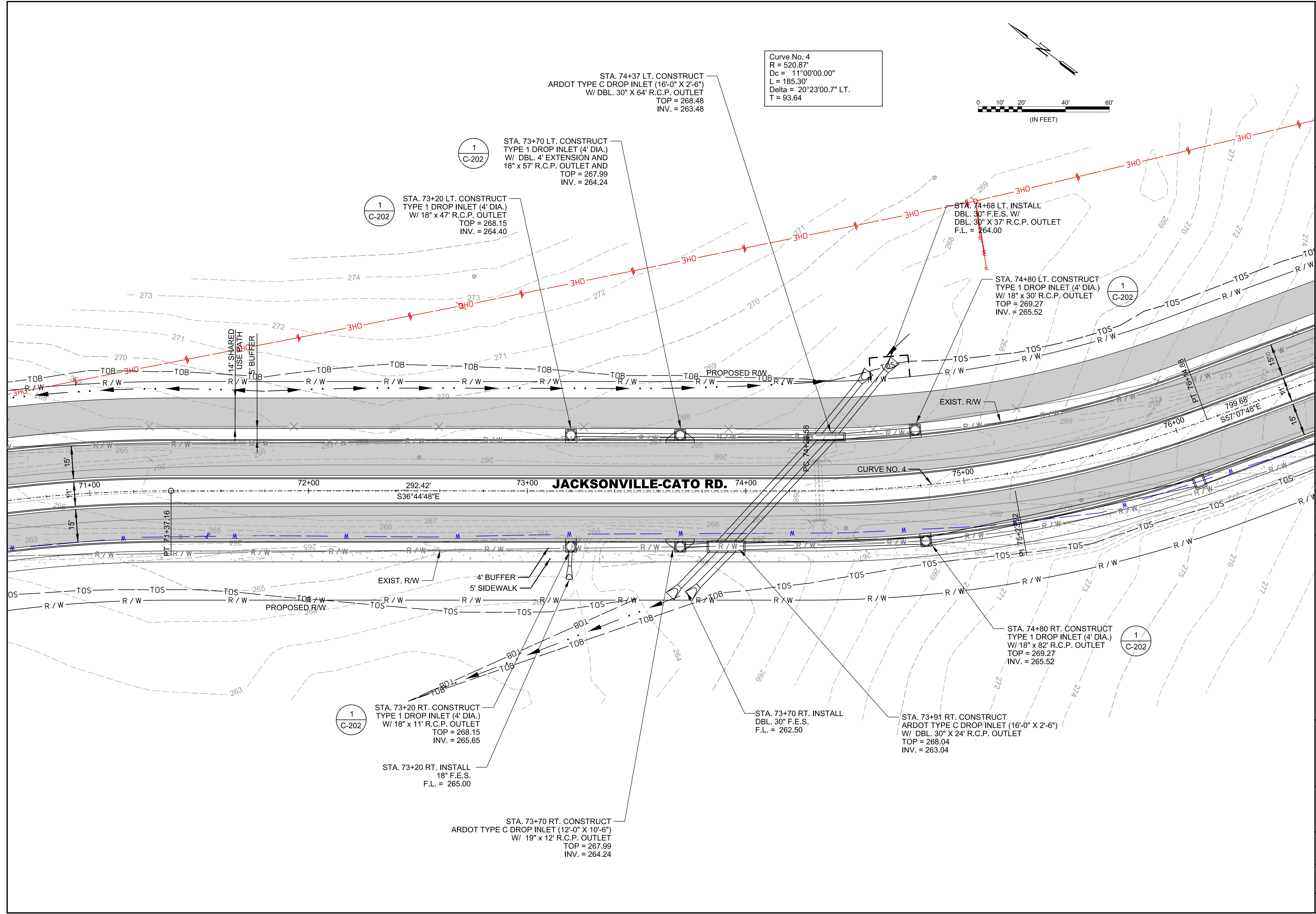
JACKSONVILLE-CATO
 PLAN AND PROFILE
 STA. 70+80 TO
 STA 76+40
 (SHEET 7 OF 20)

JOB NO.: 18017190
 DATE: JUNE 2021
 DESIGNED BY: CMC
 DRAWN BY: AMW

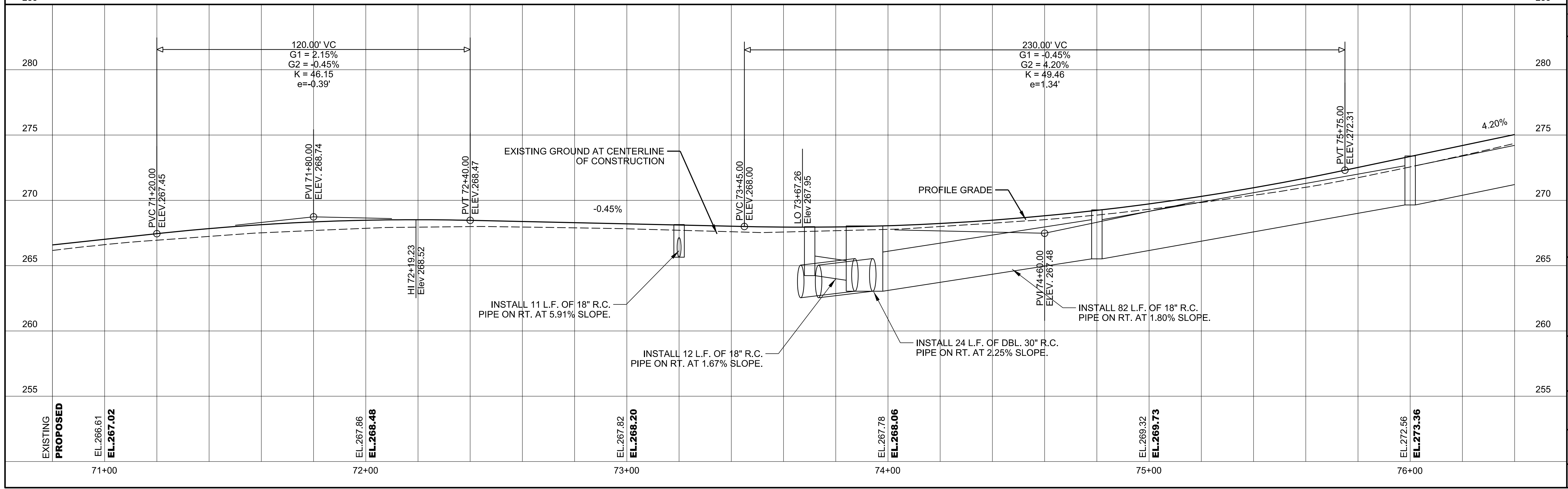
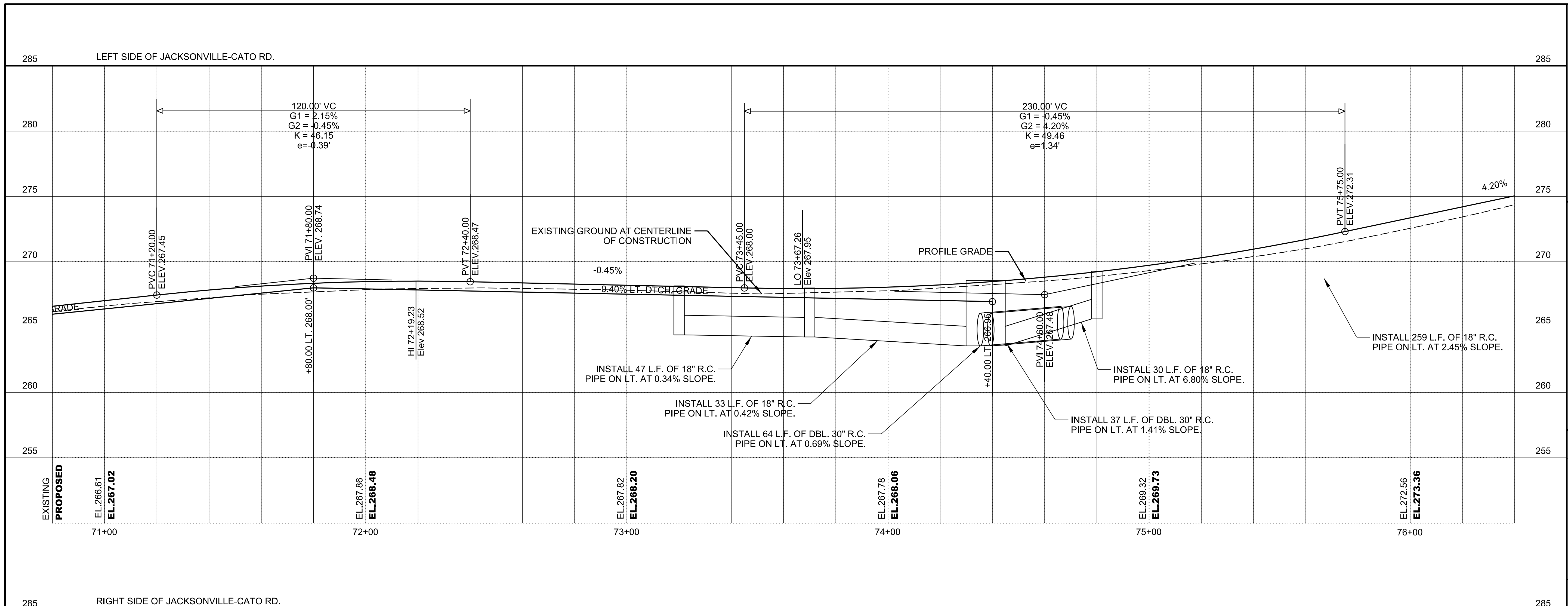
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DRAWING NUMBER
C-607
 SHEET NUMBER

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CITY OF SHERWOOD
 PULASKI COUNTY, ARKANSAS

**JACKSONVILLE-CATO ROAD
 STREET AND DRAINAGE
 IMPROVEMENTS - PHASE I**

JACKSONVILLE-CATO
 PROFILE
 ROADWAY
 STA. 70+80 TO
 STA 76+40
 (SHEET 8 OF 20)

JOB NO.: 18017190
 DATE: APRIL 2021
 DESIGNED BY: CMC
 DRAWN BY: AMW

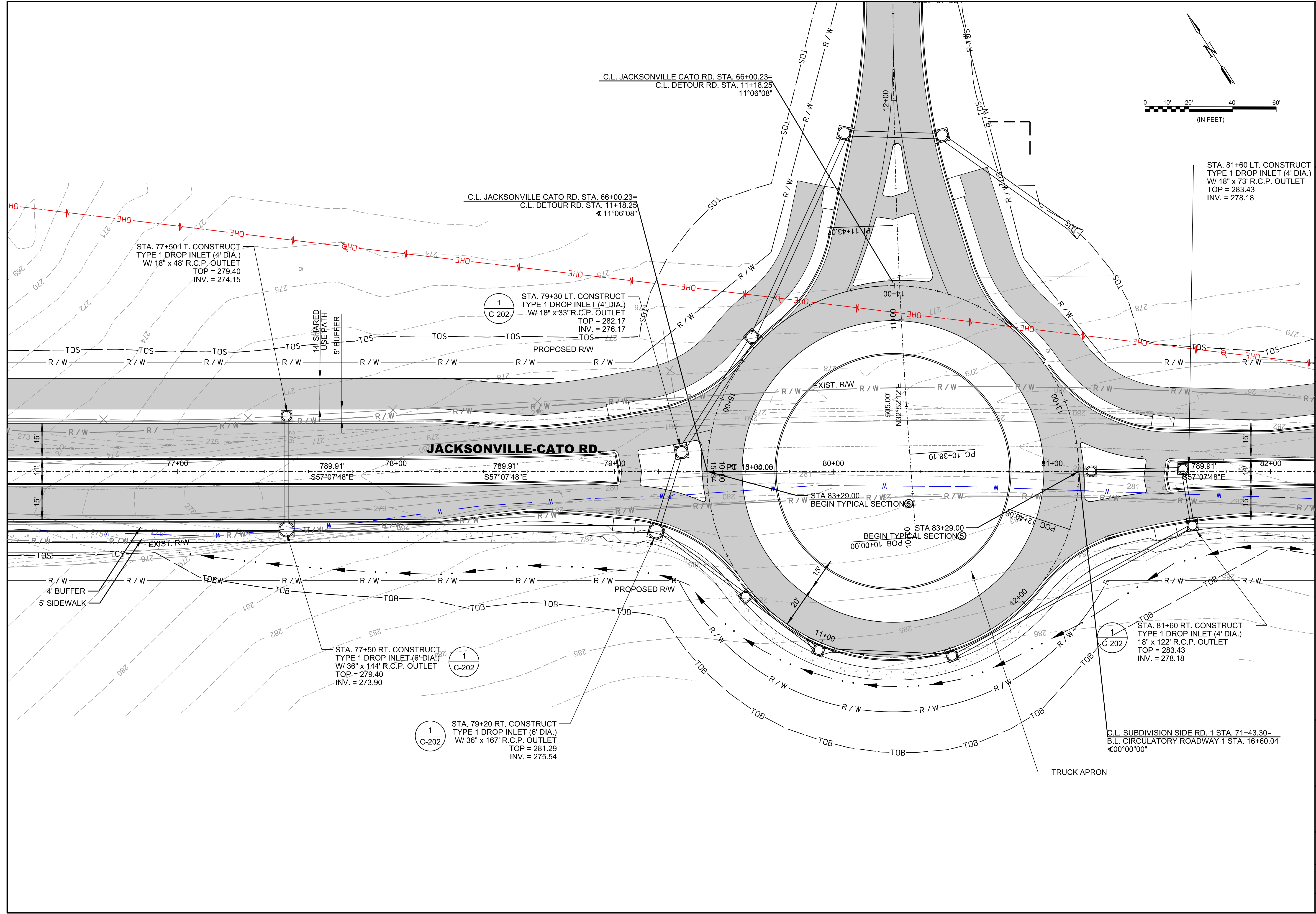
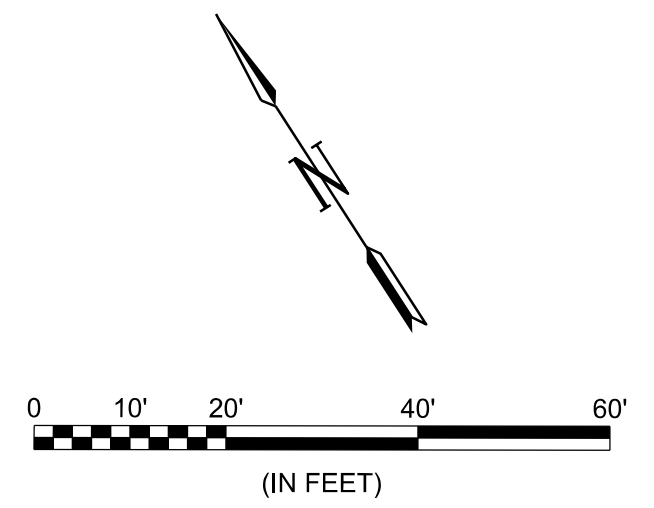
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DRAWING NUMBER
C-608

SHEET
NUMBER



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CITY OF SHERWOOD
 PULASKI COUNTY, ARKANSAS

JACKSONVILLE-CATO ROAD
 STREET AND DRAINAGE
 IMPROVEMENTS - PHASE I

JACKSONVILLE-CATO
 PLAN
 ROADWAY
 STA. 76+40 TO
 STA 82+00
 (SHEET 9 OF 20)

JOB NO.: 18017190
 DATE: JUNE 2021
 DESIGNED BY: CMC
 DRAWN BY: AMW

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DRAWING NUMBER
C-609
 SHEET NUMBER

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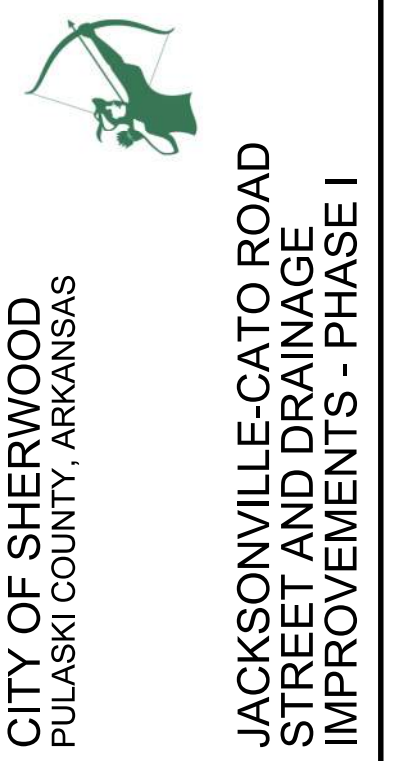
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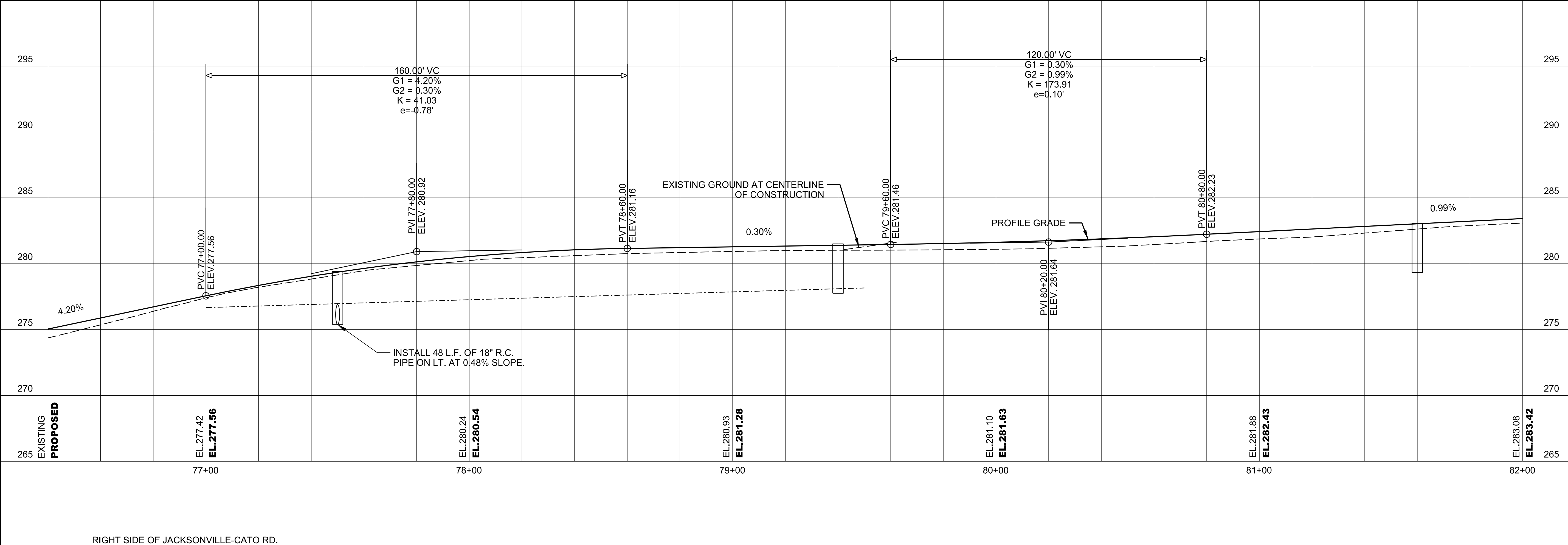
REV.	DATE	DESCRIPTION	BY



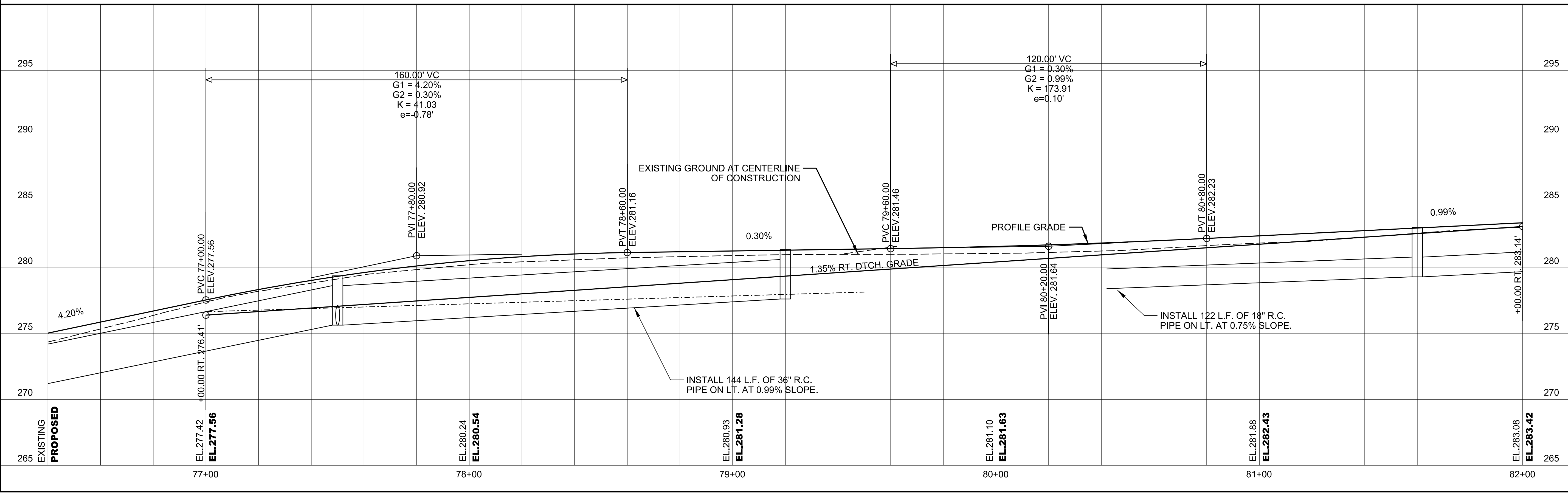
JACKSONVILLE-CATO ROAD
 PROFILE
 ROADWAY
 STA. 76+40 TO
 STA 82+00
 (SHEET 10 OF 20)

JOB NO.: 18017190
 DATE: APRIL 2021
 DESIGNED BY: CMC
 DRAWN BY: AMW
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 DRAWING NUMBER
C-610
 SHEET
 NUMBER

LEFT SIDE OF JACKSONVILLE-CATO RD.

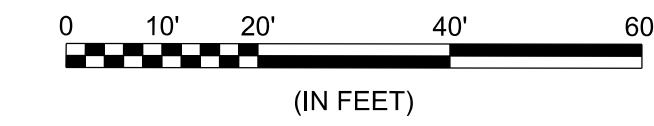


RIGHT SIDE OF JACKSONVILLE-CATO RD.



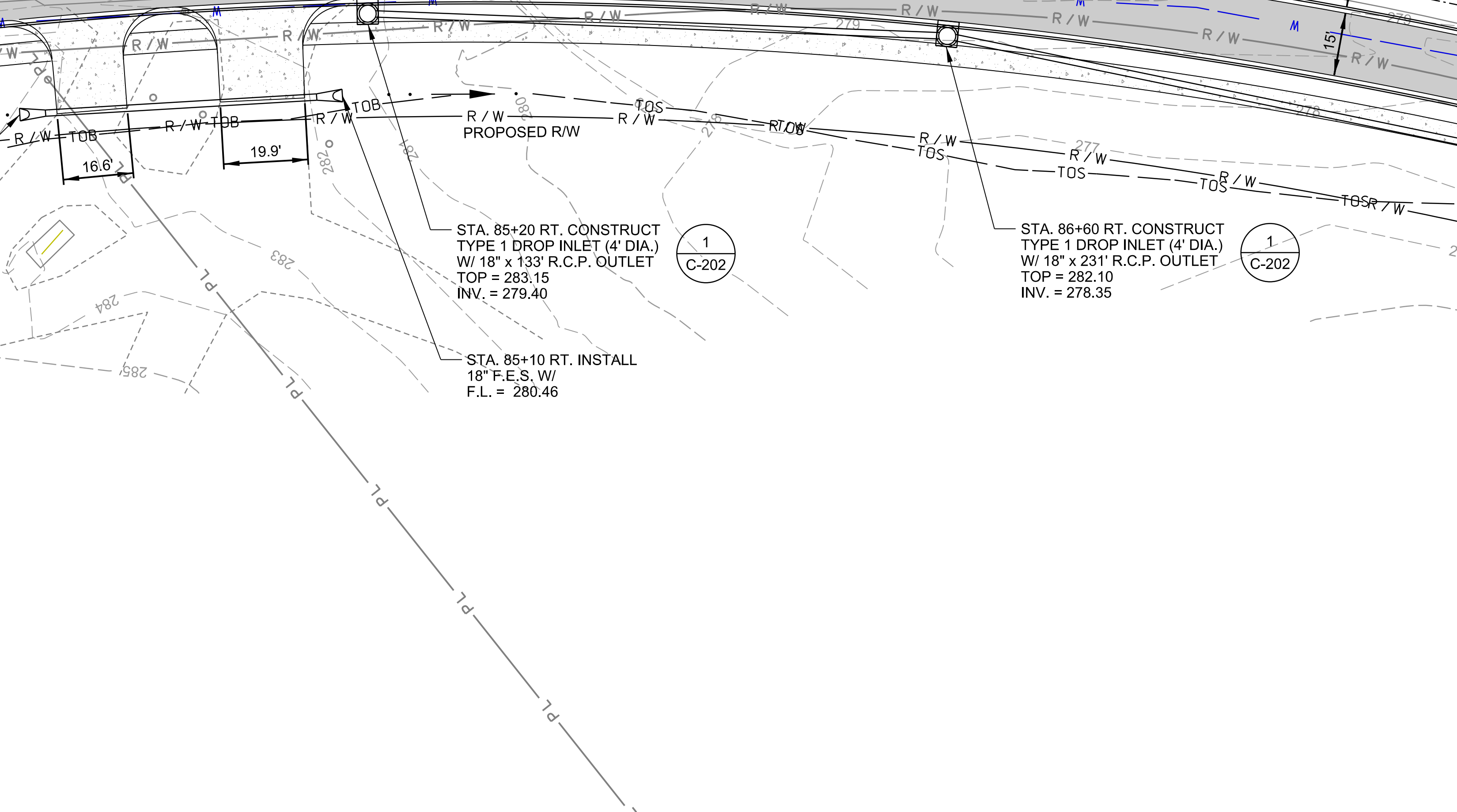
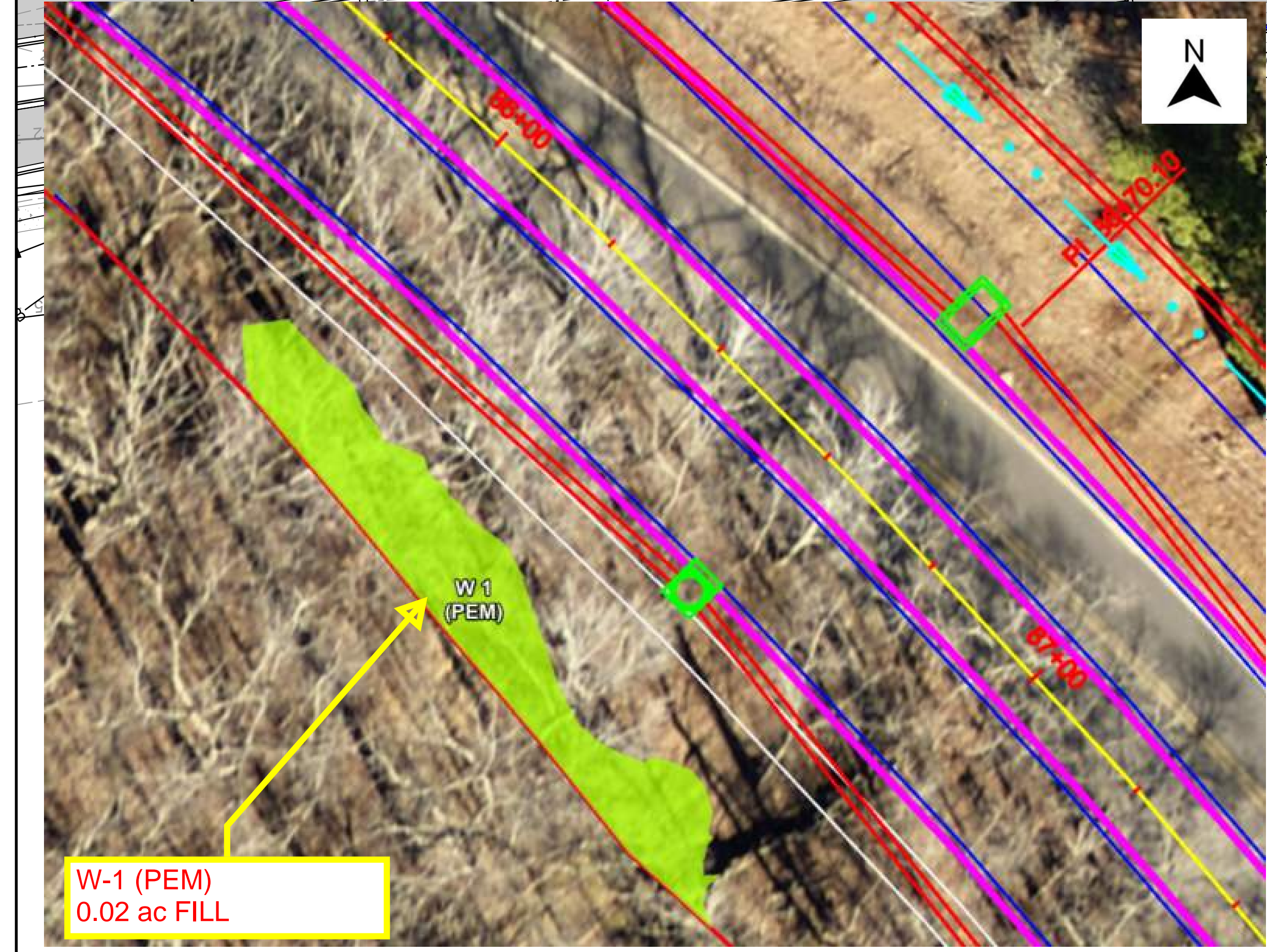
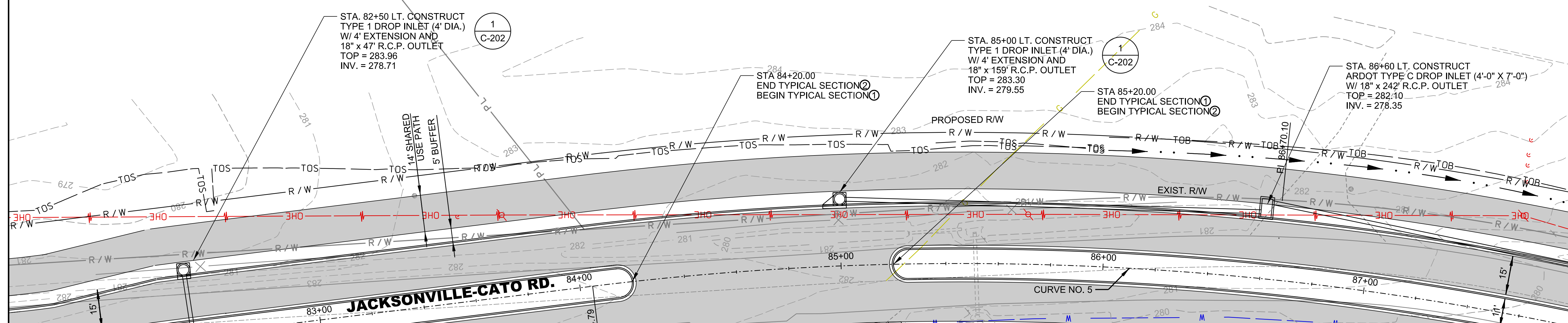


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Curve No. 5
 R = 1145.92'
 Dc = 5°00'00.00"
 L = 521.44'
 Delta = 26°04'19.1" RT.
 T = 265.31'

DRIVEWAYS			
STA.	MATERIAL	AREA	STD.
84+52 RT.	P.C.C.	45 SQ. YDS.	SHERWOOD-34
84+94 RT.	P.C.C.	53 SQ. YDS.	SHERWOOD-34



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 PULASKI COUNTY, ARKANSAS

JACKSONVILLE-CATO ROAD
 STREET AND DRAINAGE
 IMPROVEMENTS - PHASE I

JACKSONVILLE-CATO
 ROADWAY
 STA. 82+00 TO
 STA 87+60
 (SHEET 11 OF 20)

JOB NO.: 18017190
 DATE: JUNE 2021
 DESIGNED BY: CMC
 DRAWN BY: AMW

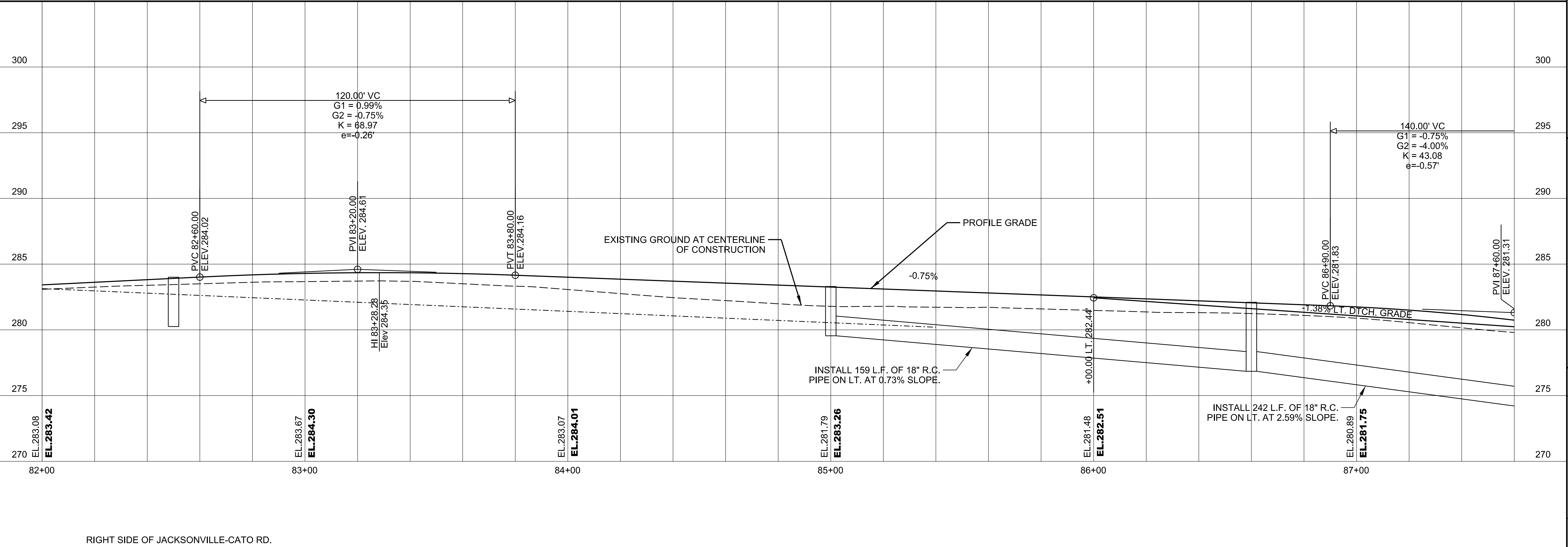
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DRAWING NUMBER
C-611
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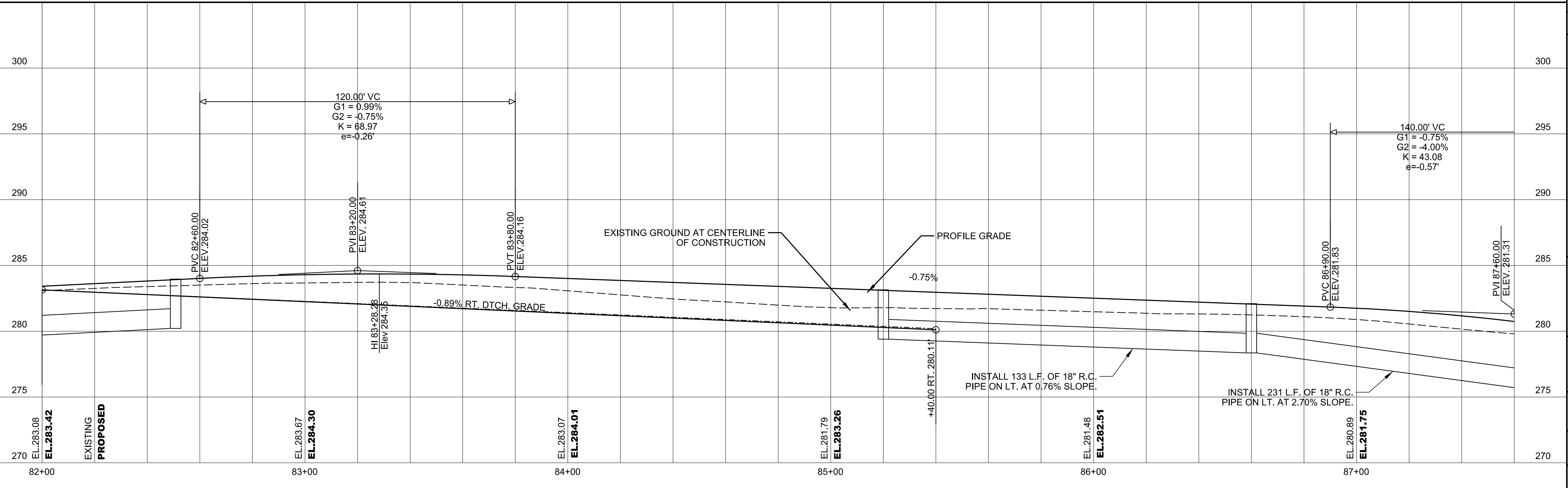
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AMW/ehner 5/31/2021 8:34:08 PM
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LEFT SIDE OF JACKSONVILLE-CATO RD.



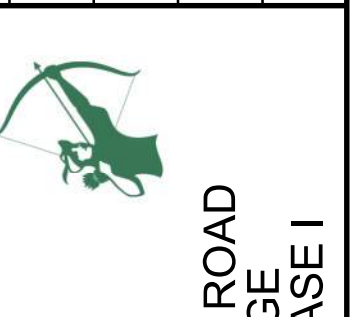
RIGHT SIDE OF JACKSONVILLE-CATO RD.



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CITY OF SHERWOOD
 PULASKI COUNTY, ARKANSAS

JACKSONVILLE-CATO ROAD
 PROFILE
 ROADWAY
 STA. 82+00 TO
 STA 87+60
 (SHEET 12 OF 20)

JACKSONVILLE-CATO ROAD
 STREET AND DRAINAGE
 IMPROVEMENTS - PHASE I

JOB NO.: 18017190
 DATE: APRIL 2021
 DESIGNED BY: CMC
 DRAWN BY: AMW

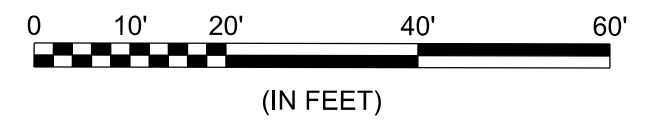
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DRAWING NUMBER
C-612

SHEET NUMBER



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 PULASKI COUNTY, ARKANSAS

JACKSONVILLE-CATO ROAD
 STREET AND DRAINAGE
 IMPROVEMENTS - PHASE I

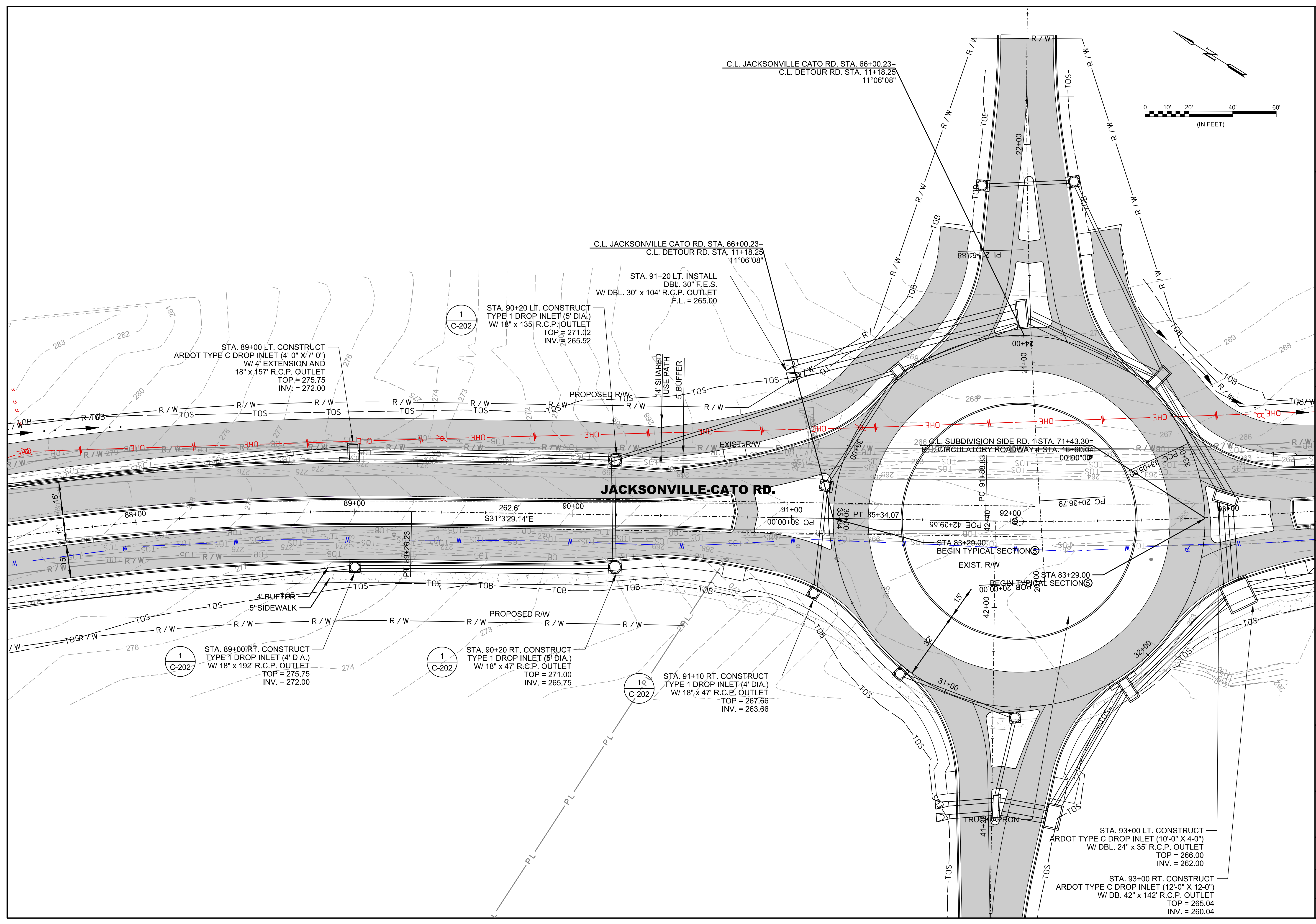
JACKSONVILLE-CATO
 PLAN
 ROADWAY
 STA. 87+60 TO
 STA 93+20
 (SHEET 13 OF 20)

JOB NO.: 18017190
 DATE: JUNE 2021
 DESIGNED BY: CMC
 DRAWN BY: AMW

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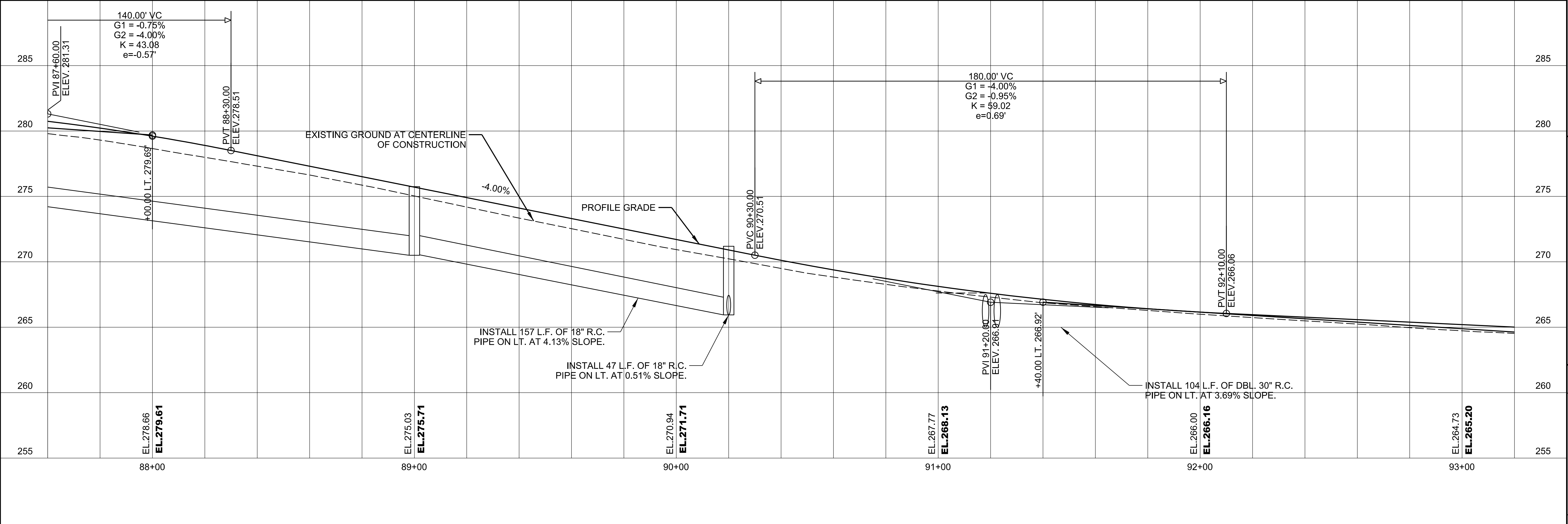
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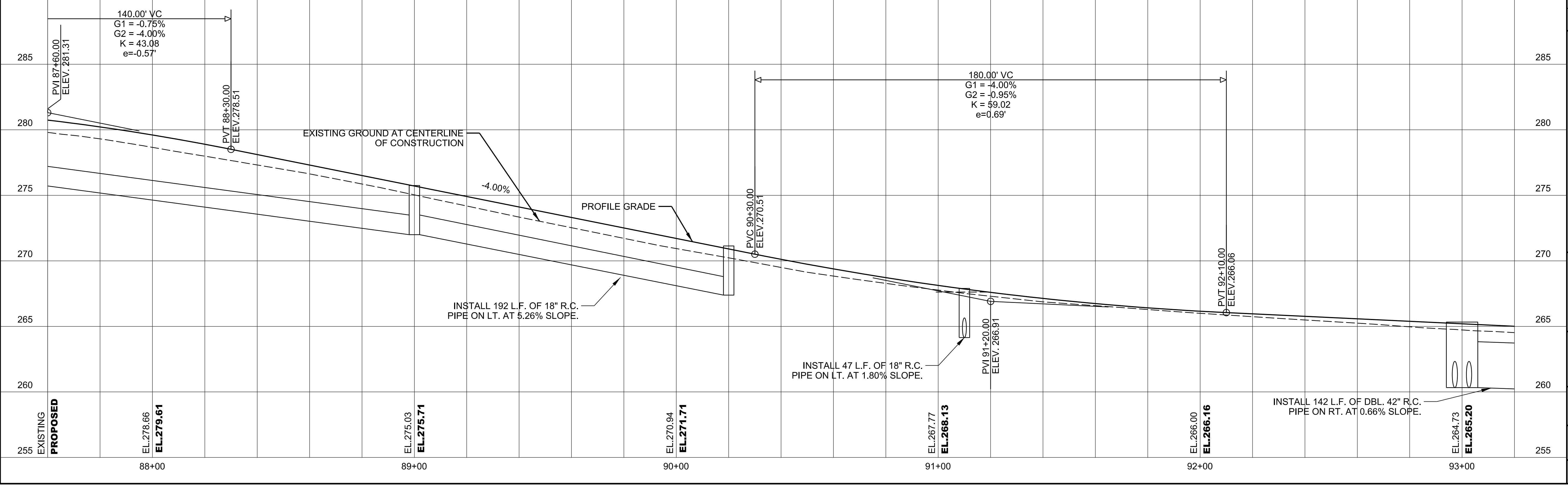


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 WORKSPACE\Garver_2012
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LEFT SIDE OF JACKSONVILLE-CATO RD.




RIGHT SIDE OF JACKSONVILLE-CATO RD.



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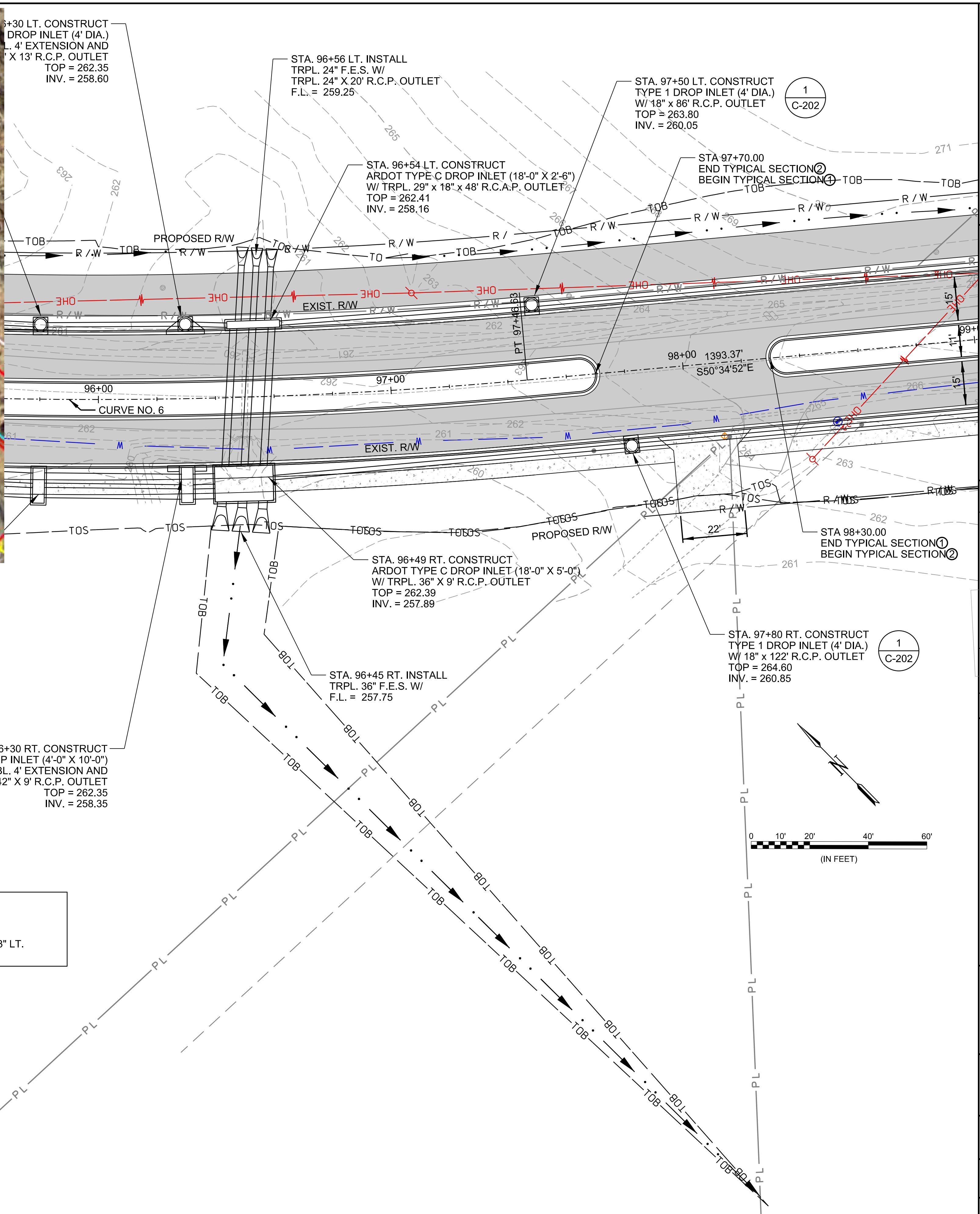
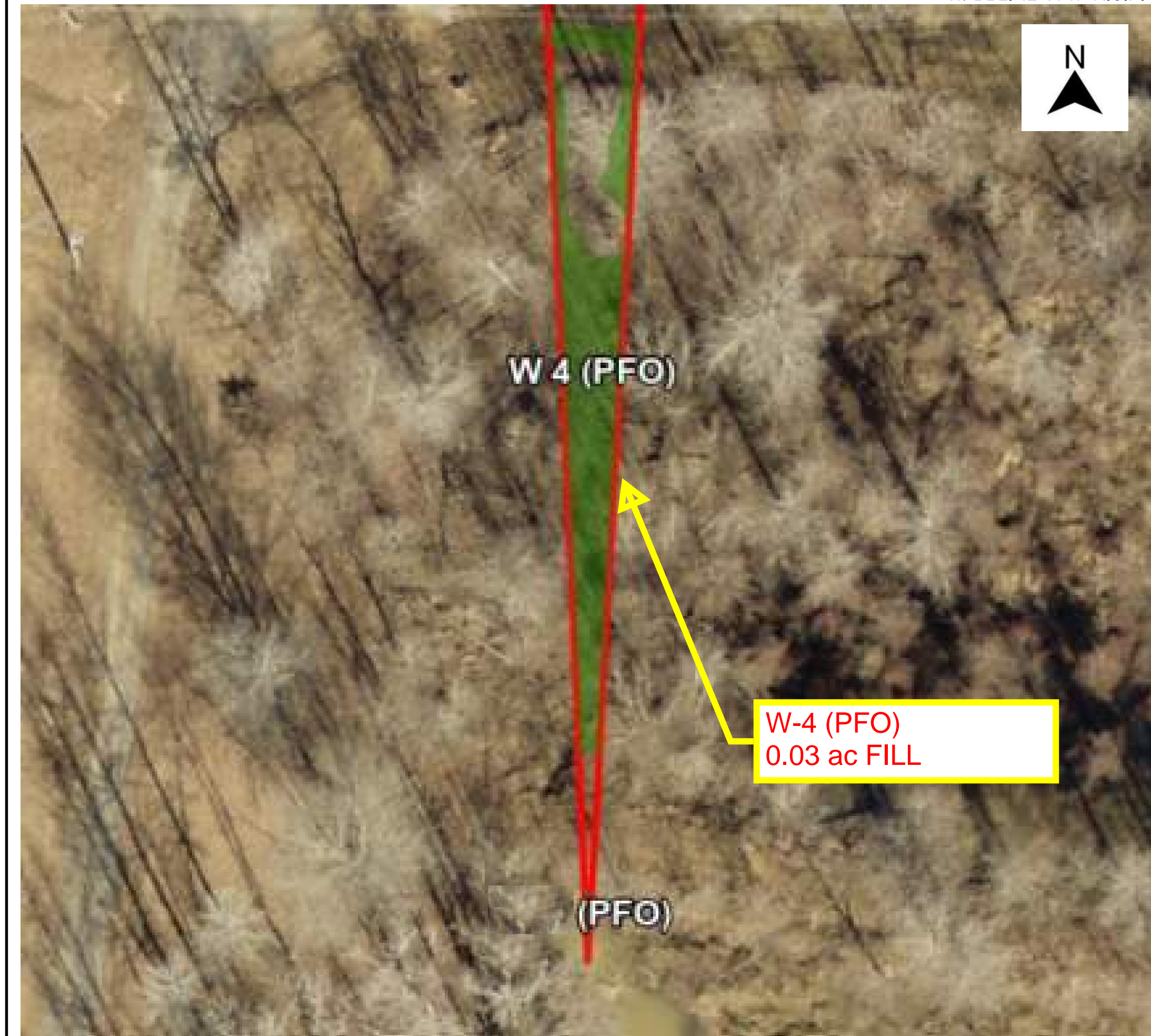
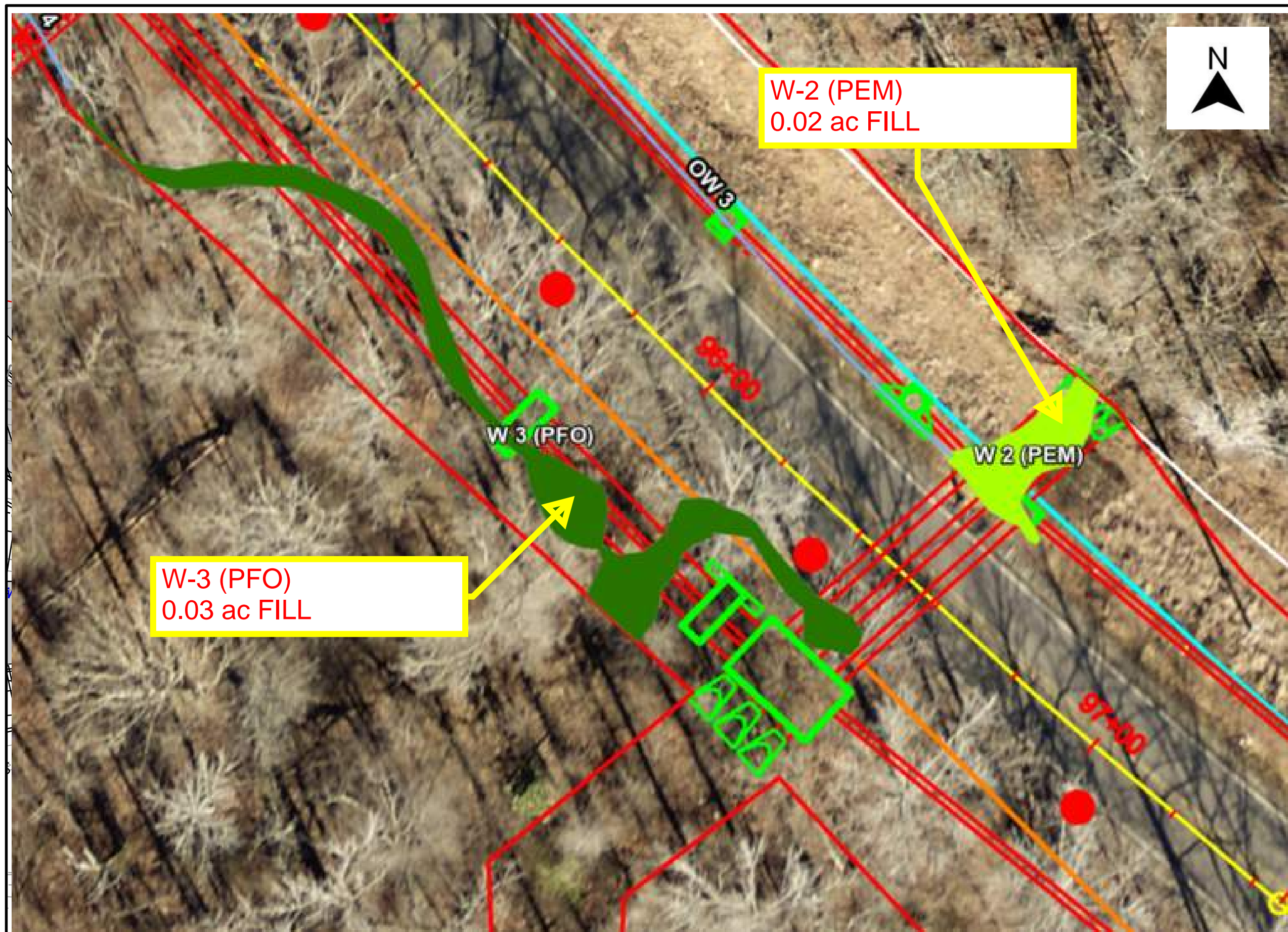

 CITY OF SHERWOOD
 PULASKI COUNTY, ARKANSAS
 JACKSONVILLE-CATO ROAD
 STREET AND DRAINAGE
 IMPROVEMENTS - PHASE I

JACKSONVILLE-CATO
 ROADWAY
 PROFILE
 STA. 87+60 TO
 STA 93+20
 (SHEET 14 OF 20)

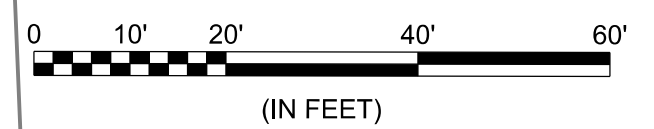
JOB NO.: 18017190
 DATE: APRIL 2021
 DESIGNED BY: CMC
 DRAWN BY: AMW


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 DRAWING NUMBER
C-614
 SHEET
 NUMBER

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Curve No. 6
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 Dc = 3°30'00.00"
 L = 557.80
 Delta = 19°31'23.3" LT.
 T = 281.63'





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BY									
DESCRIPTION									
DATE									
REV.									



CITY OF SHERWOOD
 PULASKI COUNTY, ARKANSAS

**JACKSONVILLE-CATO ROAD
 STREET AND DRAINAGE
 IMPROVEMENTS - PHASE I**

JACKSONVILLE-CATO ROADWAY
 STA. 93+20 TO STA. 98+80
 (SHEET 15 OF 20)

JOB NO.: 18017190
 DATE: JUNE 2021
 DESIGNED BY: CMC
 DRAWN BY: AMW

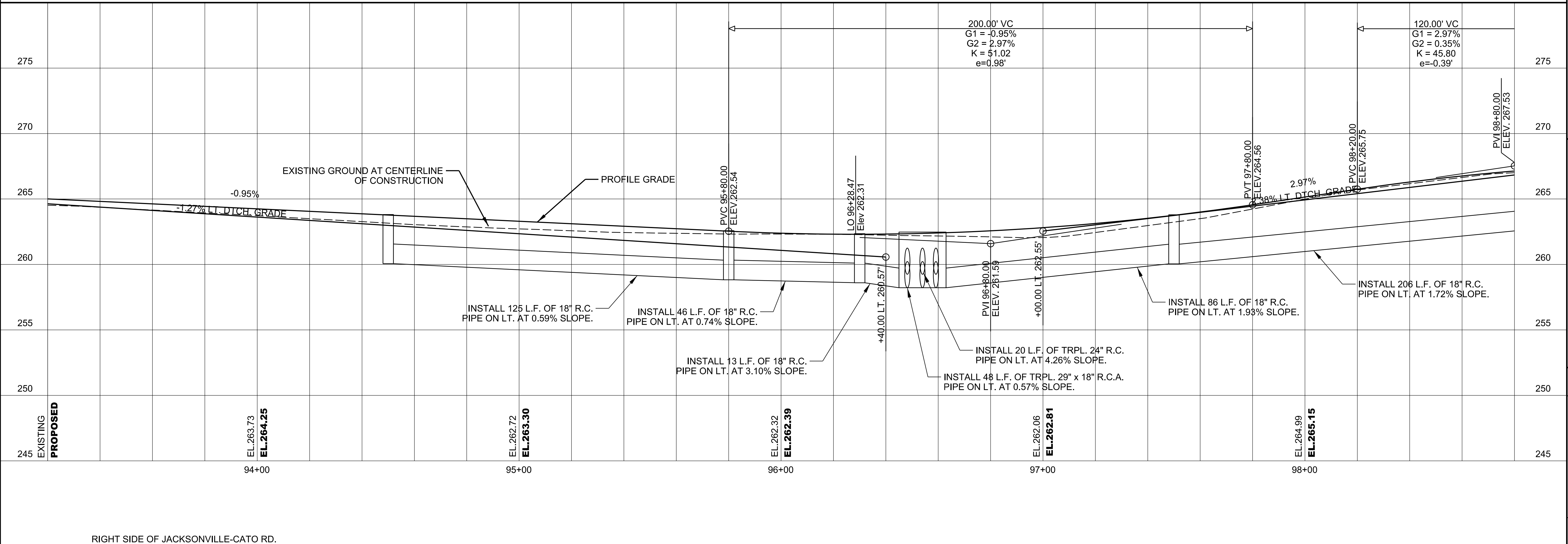
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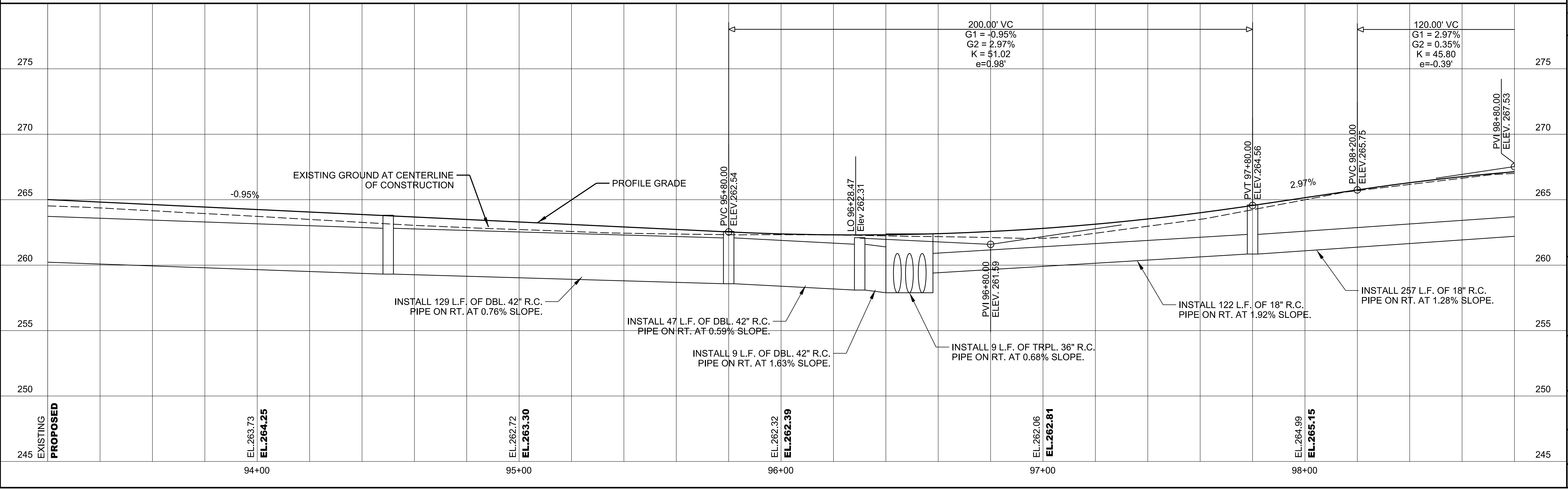
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LEFT SIDE OF JACKSONVILLE-CATO RD.



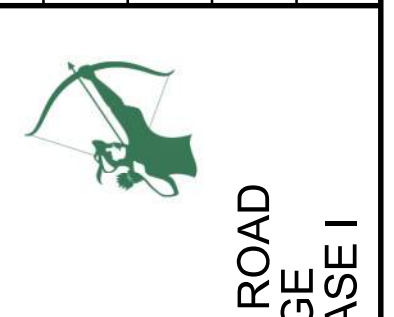
RIGHT SIDE OF JACKSONVILLE-CATO RD.



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REV.	DATE	DESCRIPTION	BY



CITY OF SHERWOOD
 PULASKI COUNTY, ARKANSAS

JACKSONVILLE-CATO ROAD
 STREET AND DRAINAGE
 IMPROVEMENTS - PHASE I

JACKSONVILLE-CATO
 PLAN AND PROFILE
 STA. 93+20 TO
 STA 98+80
 (SHEET 16 OF 20)

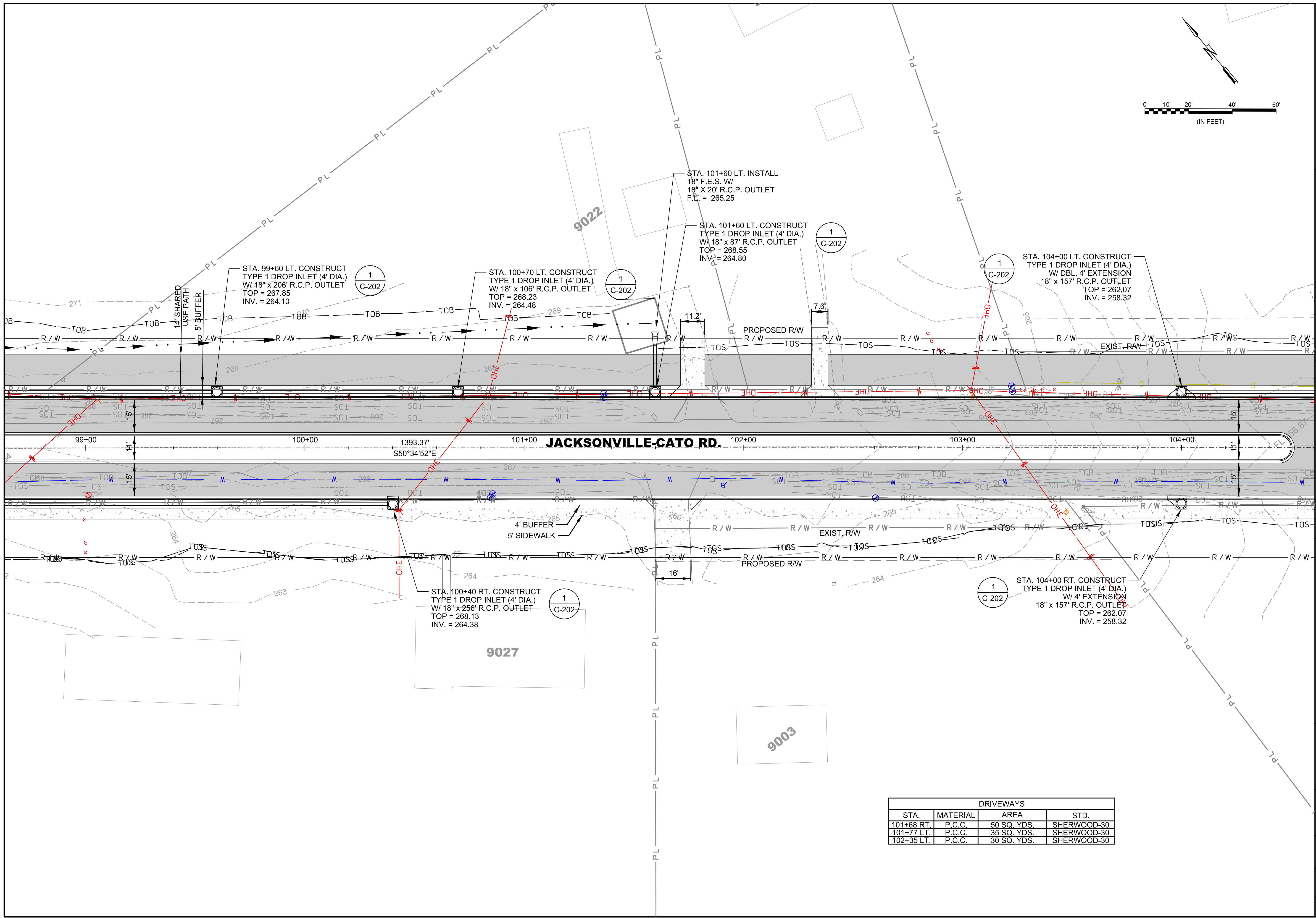
JOB NO.: 18017190
 DATE: APRIL 2021
 DESIGNED BY: CMC
 DRAWN BY: AMW

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DRAWING NUMBER
C-616

SHEET NUMBER

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PRELIMINARY DESIGN (50%)
 NOT FOR CONSTRUCTION

REV.	DATE	DESCRIPTION	BY

CITY OF SHERWOOD
 PULASKI COUNTY, ARKANSAS

JACKSONVILLE-CATO ROAD
 STREET AND DRAINAGE
 IMPROVEMENTS - PHASE I

JACKSONVILLE-CATO
 PLAN
 ROADWAY
 STA. 98+80 TO
 STA 104+40
 (SHEET 17 OF 20)

JOB NO.: 18017190
 DATE: APRIL 2021
 DESIGNED BY: CMC
 DRAWN BY: AMW

BAR IS ONE INCH ON ORIGINAL DRAWING
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DRAWING NUMBER
C-617

SHEET
 NUMBER

DRIVEWAYS			
STA.	MATERIAL	AREA	STD.
101+68 RT.	P.C.C.	50 SQ. YDS.	SHERWOOD-30
101+77 LT.	P.C.C.	35 SQ. YDS.	SHERWOOD-30
102+35 LT.	P.C.C.	30 SQ. YDS.	SHERWOOD-30

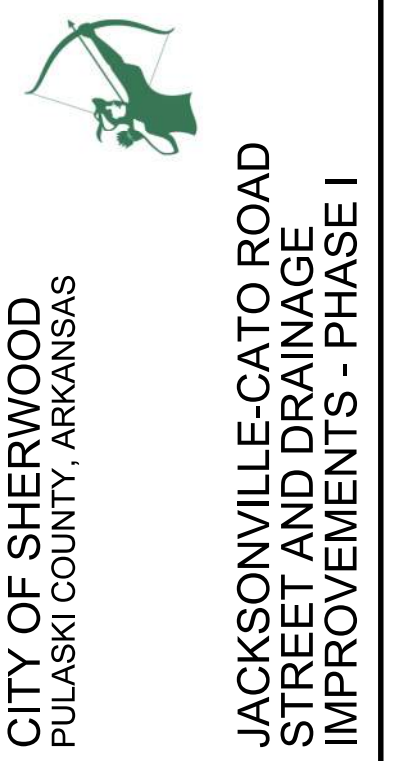
AMWeiner 5/31/2021 8:34:14 PM
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REV.	DATE	DESCRIPTION	BY



CITY OF SHERWOOD
 PULASKI COUNTY, ARKANSAS

JACKSONVILLE-CATO
 ROADWAY
 PROFILE
 STA. 98+80 TO
 STA 104+40
 (SHEET 18 OF 20)

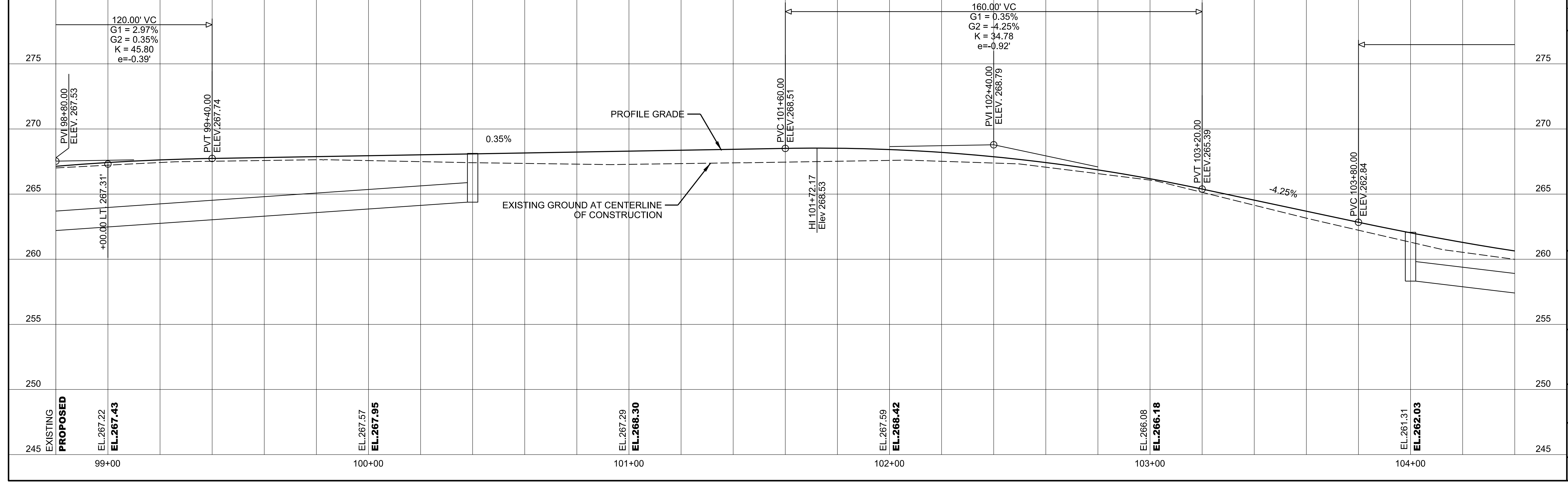
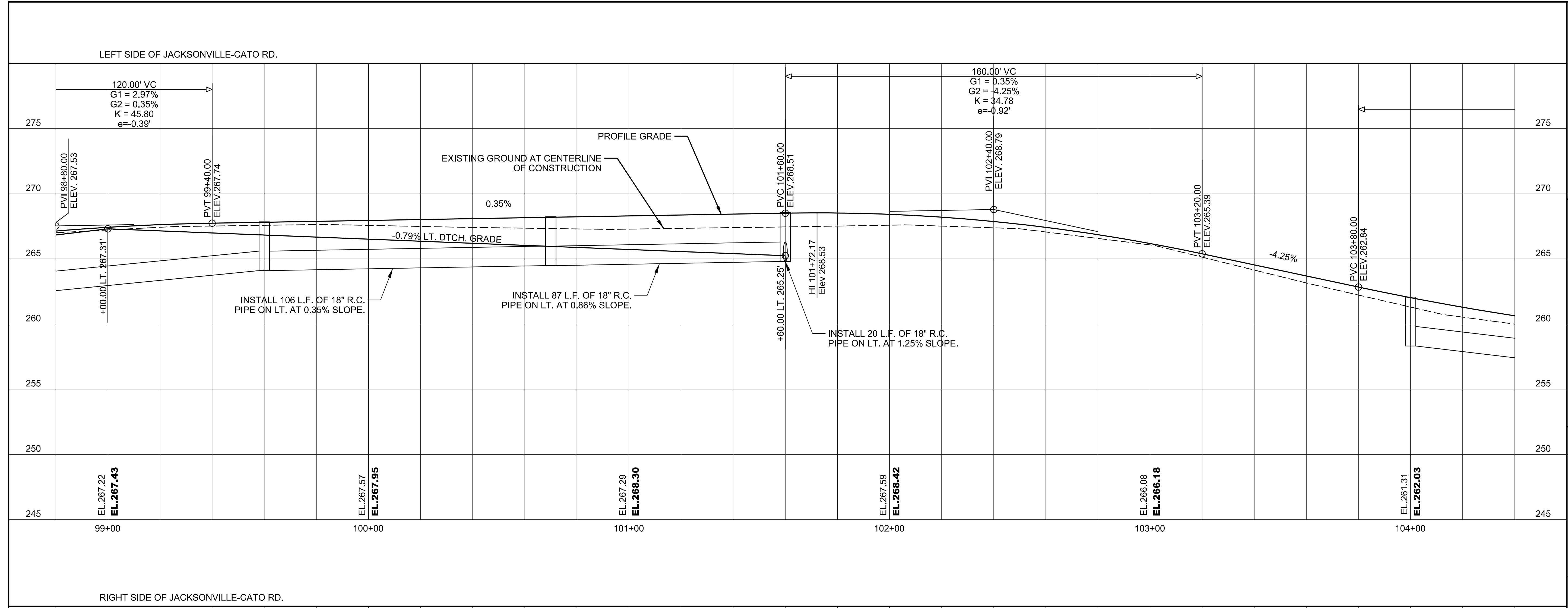
JACKSONVILLE-CATO ROAD
 STREET AND DRAINAGE
 IMPROVEMENTS - PHASE I

JOB NO.: 18017190
 DATE: APRIL 2021
 DESIGNED BY: CMC
 DRAWN BY: AMW

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DRAWING NUMBER
C-618

SHEET
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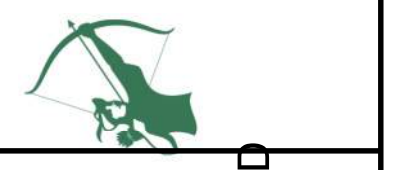




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 PULASKI COUNTY, ARKANSAS

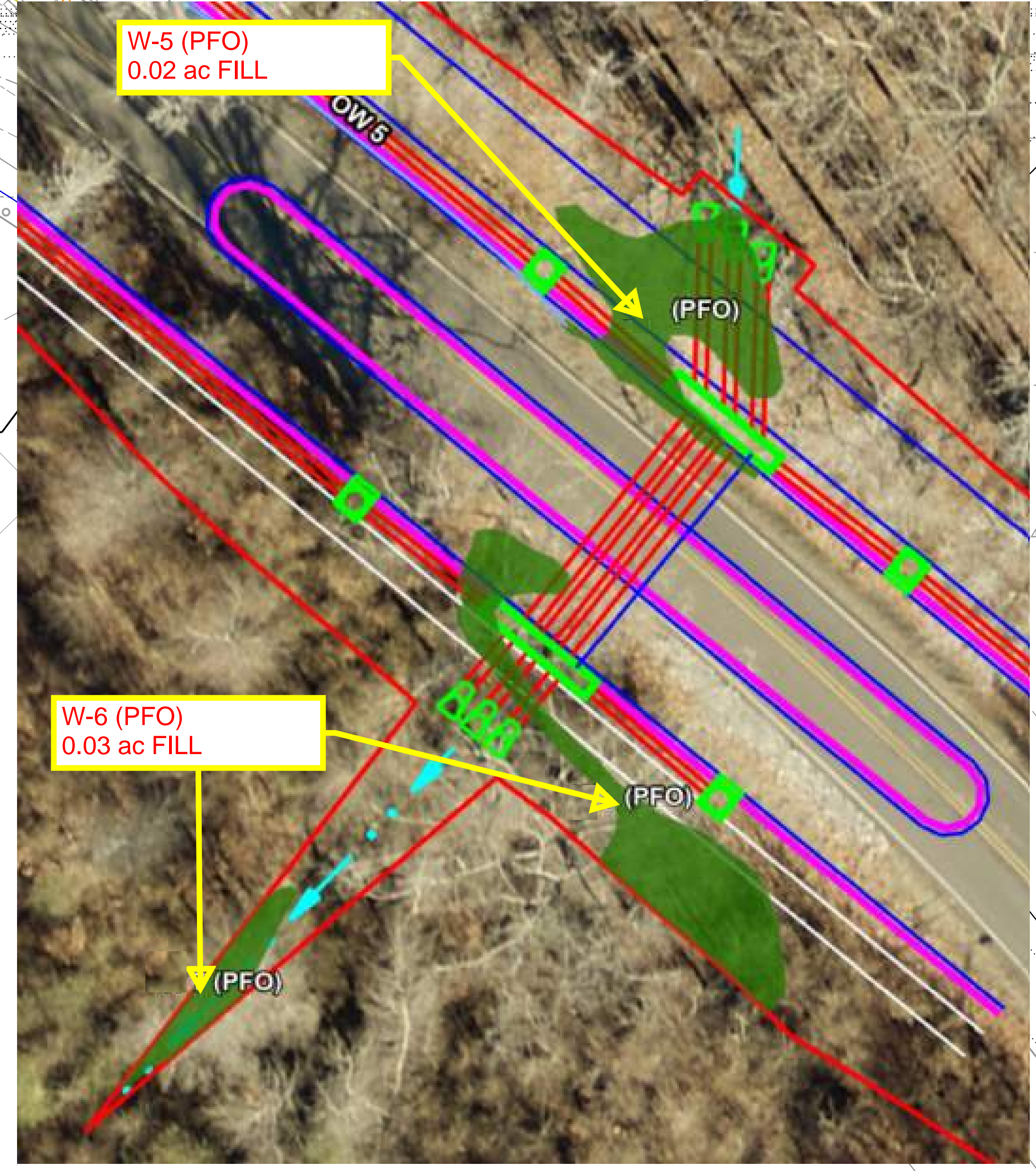
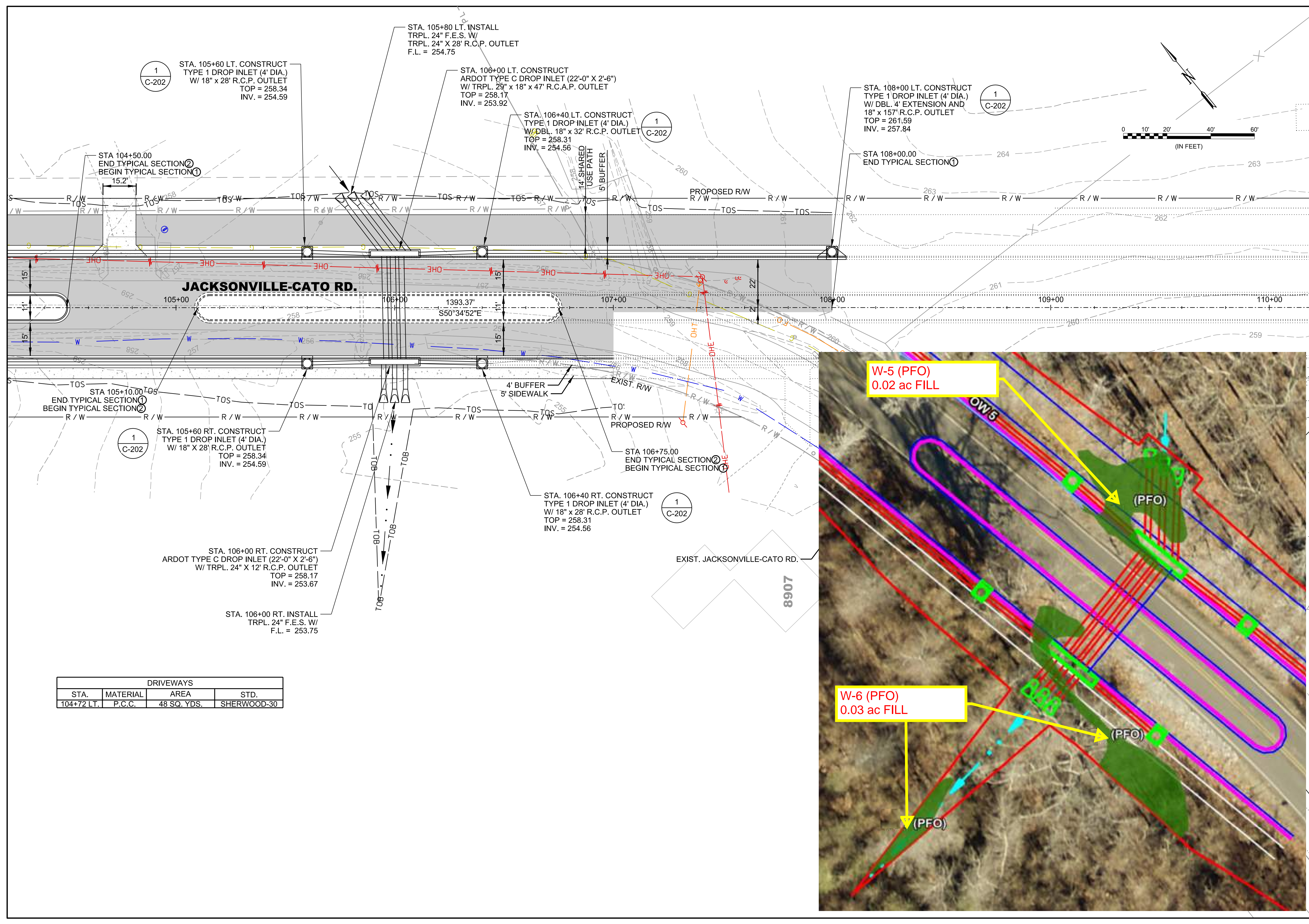
JACKSONVILLE-CATO ROAD
 STREET AND DRAINAGE
 IMPROVEMENTS - PHASE I

JACKSONVILLE-CATO
 PLAN
 ROADWAY
 STA. 104+40 TO
 STA 110+00
 (SHEET 19 OF 20)

JOB NO.: 18017190
 DATE: JUNE 2021
 DESIGNED BY: CMC
 DRAWN BY: AMW

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DRAWING NUMBER
C-619
 SHEET NUMBER



DRIVEWAYS			
STA.	MATERIAL	AREA	STD.
104+72 LT.	P.C.C.	48 SQ. YDS.	SHERWOOD-30

5/31/2021 8:34:16 PM
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 L:\2018\18017190 - Sherwood - Jacksonville-Cato\Drawings\Phase 1\JC-C619-PP.dgn



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 PULASKI COUNTY, ARKANSAS

JACKSONVILLE-CATO ROAD
 STREET AND DRAINAGE
 IMPROVEMENTS - PHASE I

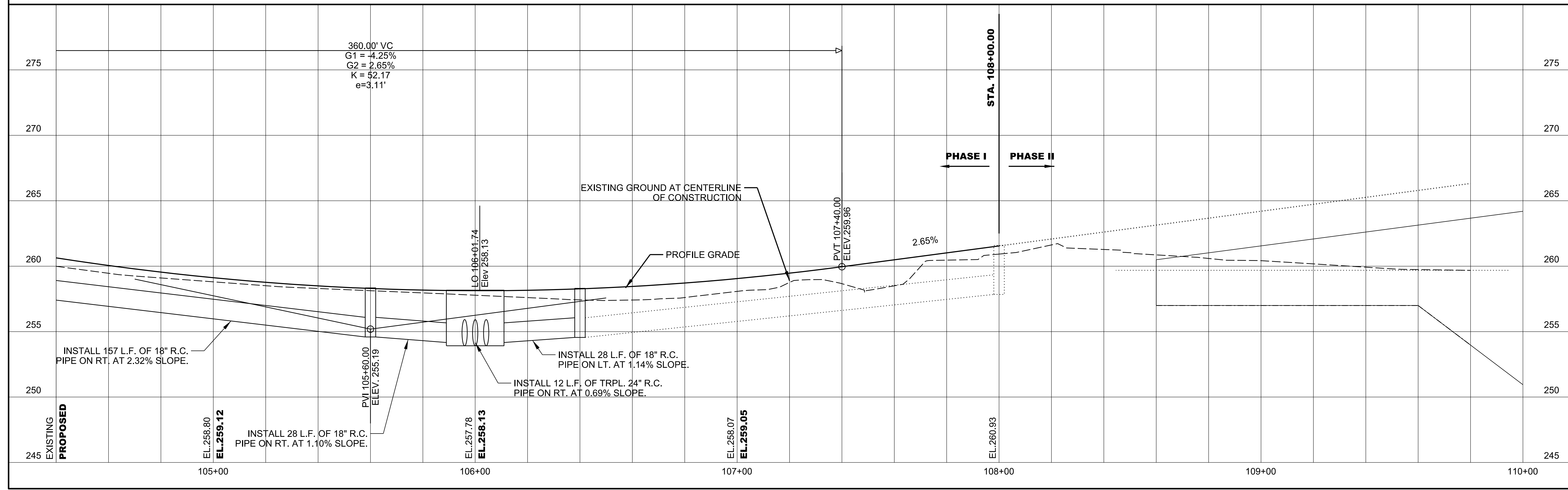
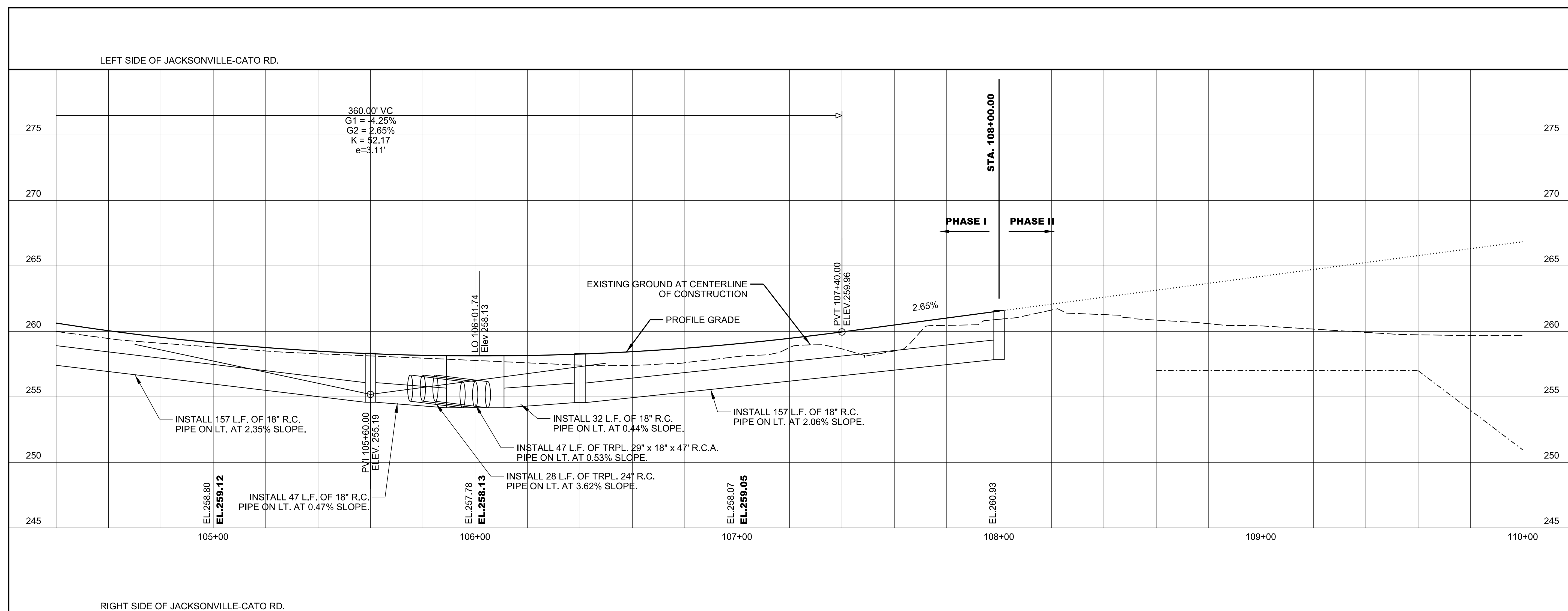
JACKSONVILLE
 PROFILE
 ROADWAY
 STA. 104+40 TO
 STA 110+00
 (SHEET 20 OF 20)

JOB NO.: 18017190
 DATE: APRIL 2021
 DESIGNED BY: CMC
 DRAWN BY: AMW

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DRAWING NUMBER
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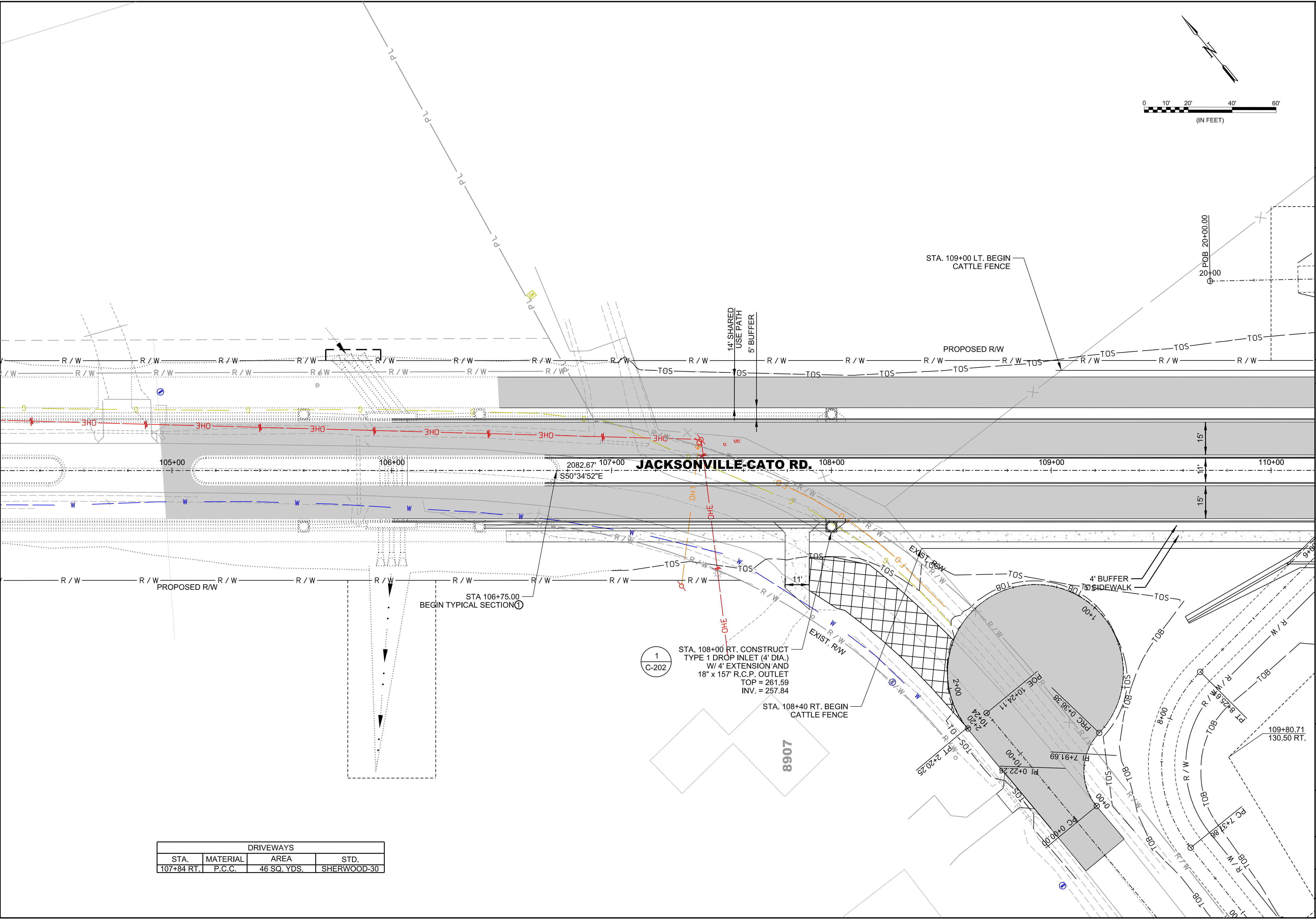
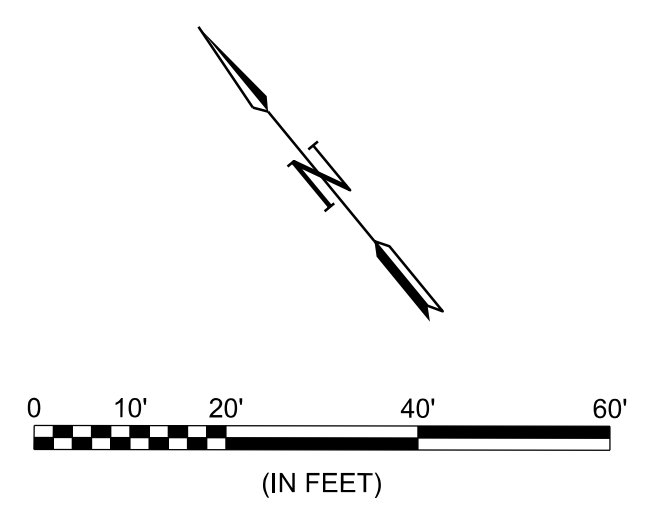
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 NUMBER



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DRIVEWAYS			
STA.	MATERIAL	AREA	STD.
107+84 RT.	P.C.C.	46 SQ. YDS.	SHERWOOD-30

1
C-202
STA. 108+00 RT. CONSTRUCT TYPE 1 DROP INLET (4' DIA.) W/ 4' EXTENSION AND 18" x 157' R.C.P. OUTLET
TOP = 261.59
INV. = 257.84

PRELIMINARY DESIGN (50%)
NOT FOR CONSTRUCTION

REV.	DATE	DESCRIPTION	BY

CITY OF SHERWOOD
 PULASKI COUNTY, ARKANSAS

JACKSONVILLE-CATO ROAD
 STREET AND DRAINAGE
 IMPROVEMENTS - PHASE II

JACKSONVILLE-CATO
 PLAN
 ROADWAY
 STA. 106+40 TO
 STA 110+00
 (SHEET 1 OF 20)

JOB NO.: 18017190
 DATE: JUNE 2021
 DESIGNED BY: CMC
 DRAWN BY: AMW

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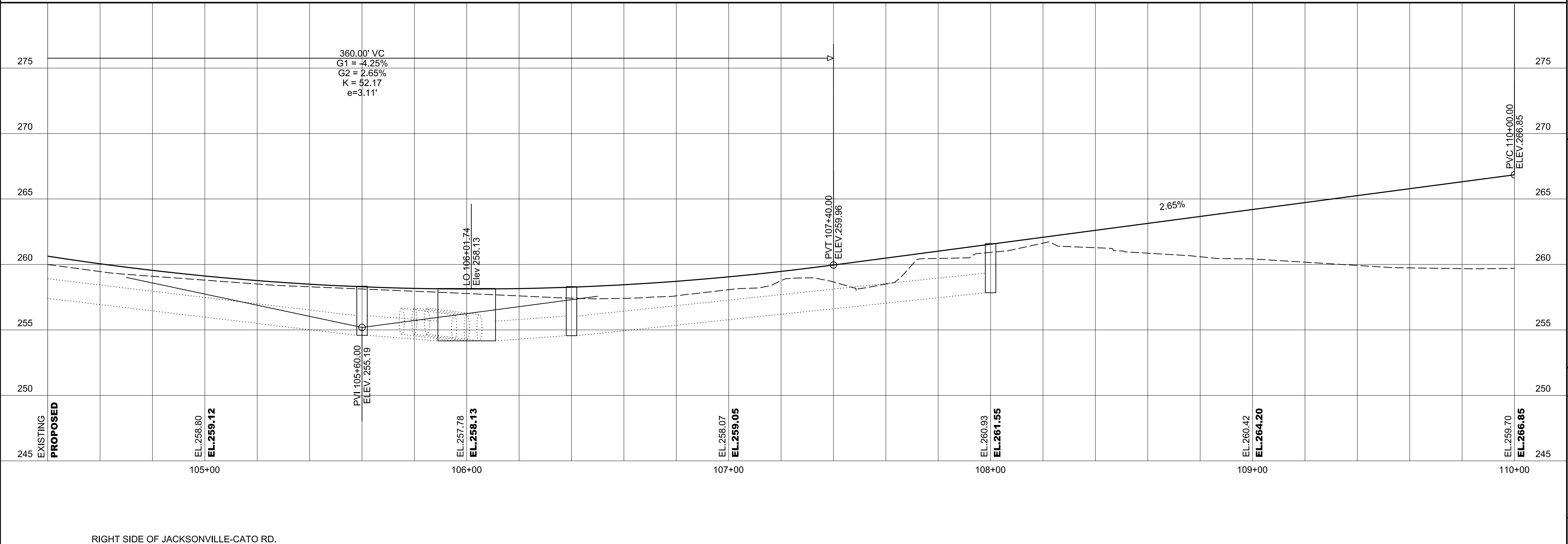
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C-601

SHEET NUMBER

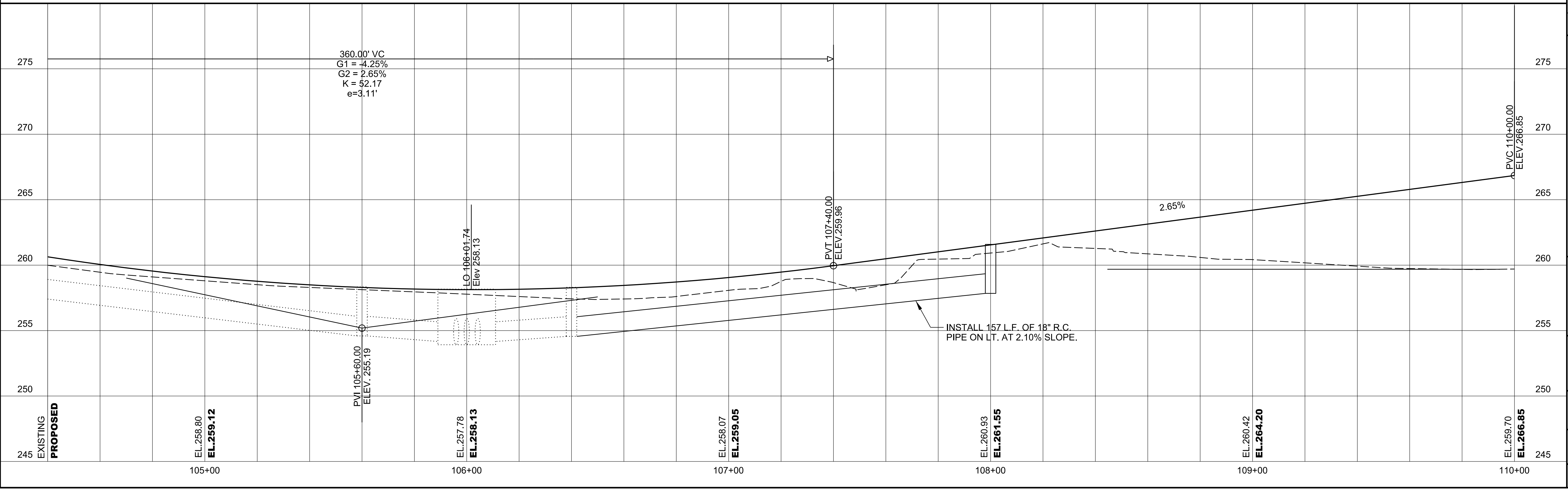
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 WORKSPACE\Garver_2012
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LEFT SIDE OF JACKSONVILLE-CATO RD.



RIGHT SIDE OF JACKSONVILLE-CATO RD.



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CITY OF SHERWOOD
 PULASKI COUNTY, ARKANSAS

JACKSONVILLE-CATO ROAD
 STREET AND DRAINAGE
 IMPROVEMENTS - PHASE II

JACKSONVILLE-CATO
 PLAN AND PROFILE
 STA. 106+40 TO
 STA 110+00
 (SHEET 2 OF 20)

JOB NO.: 18017190
 DATE: JUNE 2021
 DESIGNED BY: CMC
 DRAWN BY: AMW

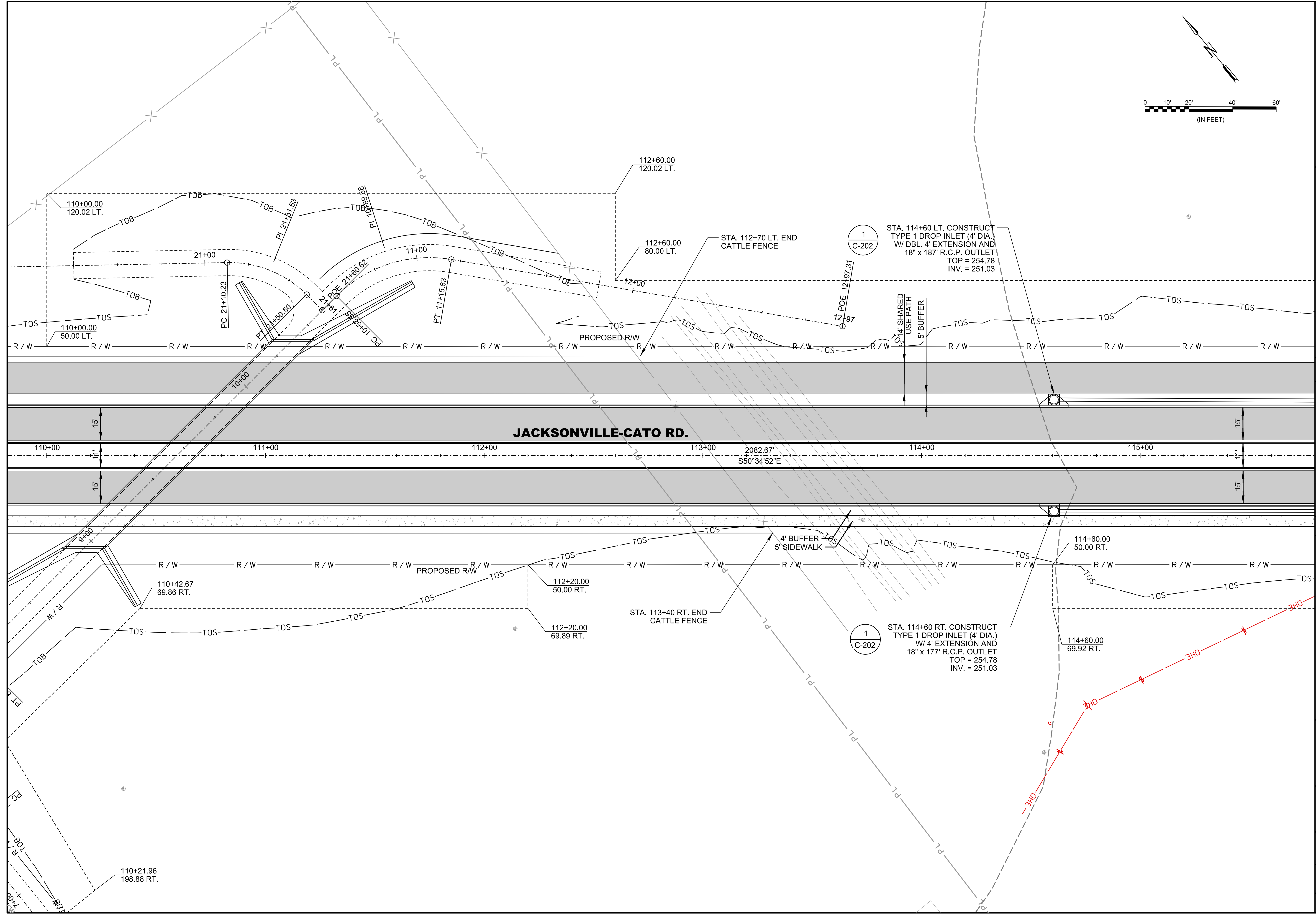
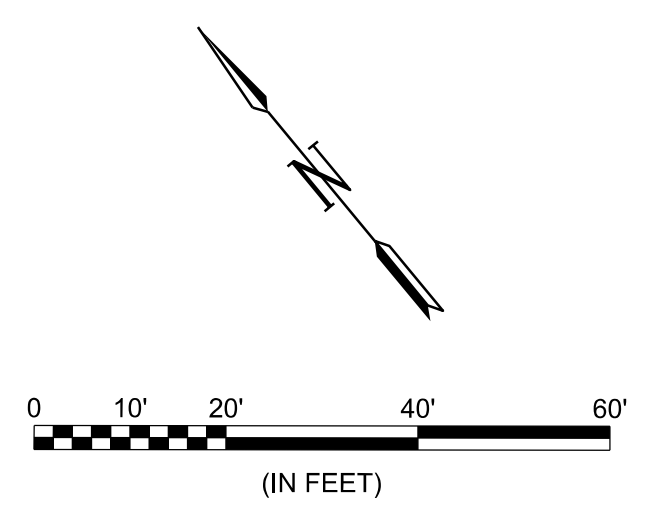
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DRAWING NUMBER
C-602

SHEET
 NUMBER



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**CITY OF SHERWOOD
 PULASKI COUNTY, ARKANSAS**

**JACKSONVILLE-CATO ROAD
 STREET AND DRAINAGE
 IMPROVEMENTS - PHASE II**

**JACKSONVILLE-CATO
 PLAN AND PROFILE
 STA. 104+60 TO
 STA. 110+00
 (SHEET 3 OF 20)**

JOB NO.: 18017190
 DATE: JUNE 2021
 DESIGNED BY: CMC
 DRAWN BY: AMW

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DRAWING NUMBER
C-603
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REV.	DATE	DESCRIPTION	BY

CITY OF SHERWOOD
 PULASKI COUNTY, ARKANSAS

JACKSONVILLE-CATO ROAD
 STREET AND DRAINAGE
 IMPROVEMENTS - PHASE II

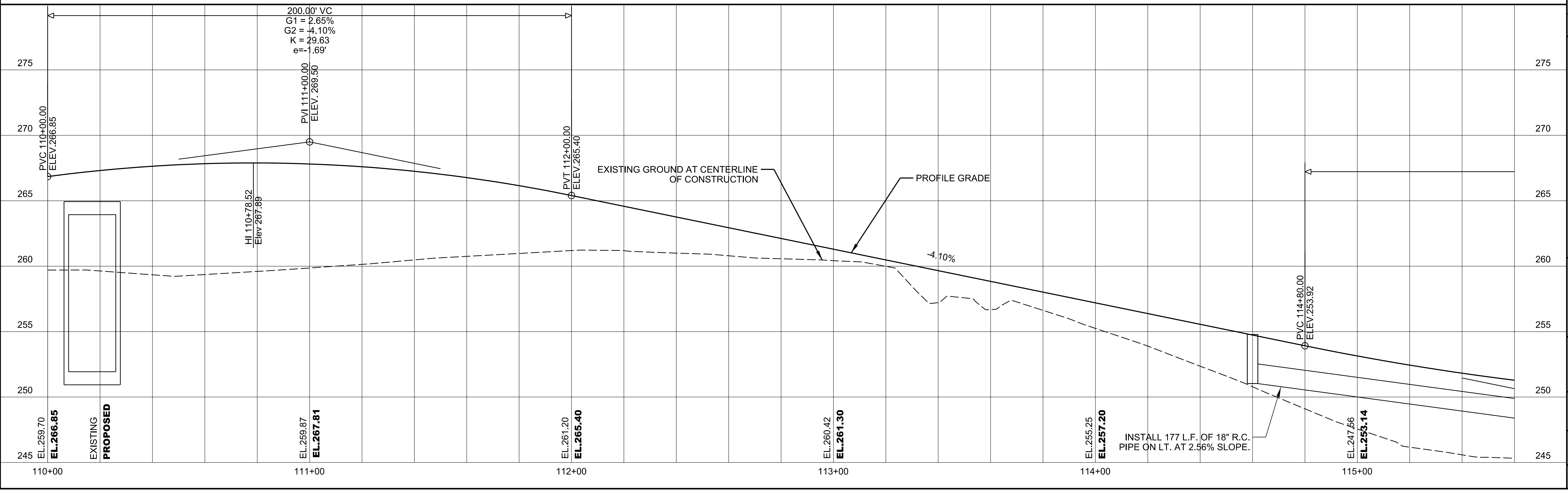
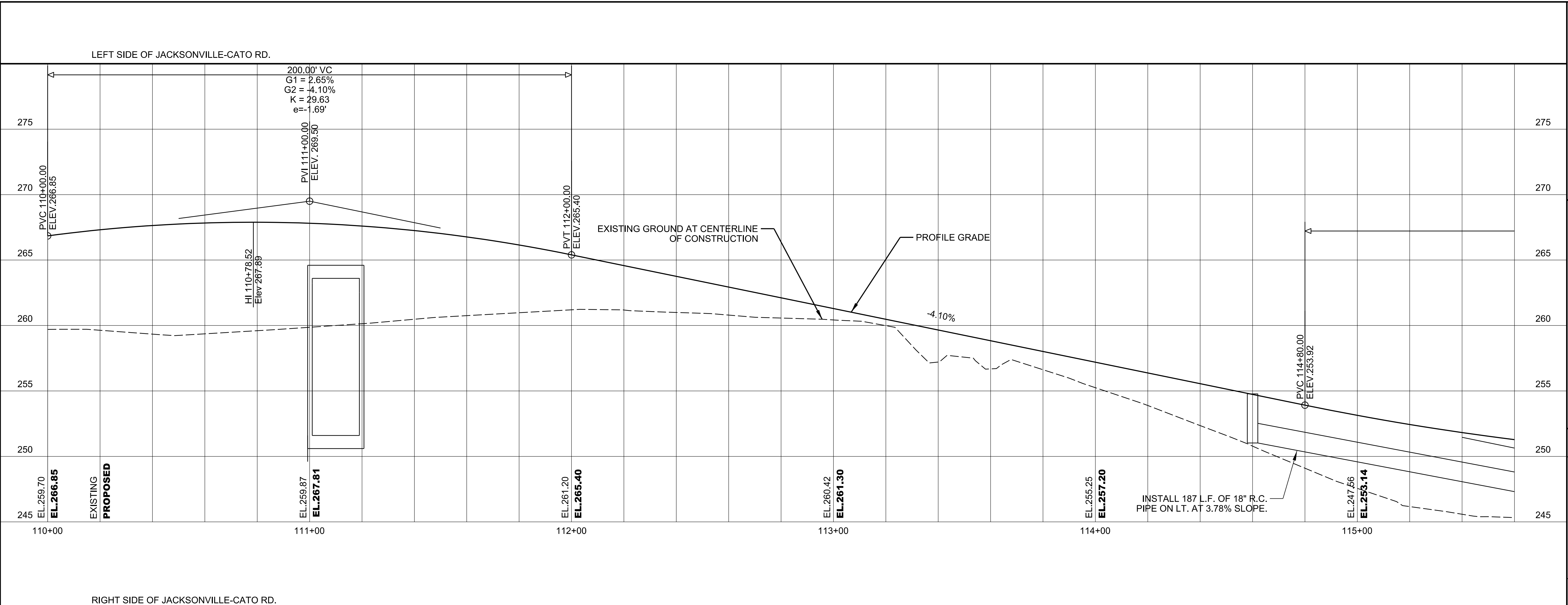
JACKSONVILLE-CATO
 PROFILE
 STA. 110+00 TO
 STA 115+60
 (SHEET 4 OF 20)

JOB NO.: 18017190
 DATE: JUNE 2021
 DESIGNED BY: CMC
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DRAWING NUMBER
C-604

SHEET
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CITY OF SHERWOOD
 PULASKI COUNTY, ARKANSAS

JACKSONVILLE-CATO ROAD
 STREET AND DRAINAGE
 IMPROVEMENTS - PHASE II

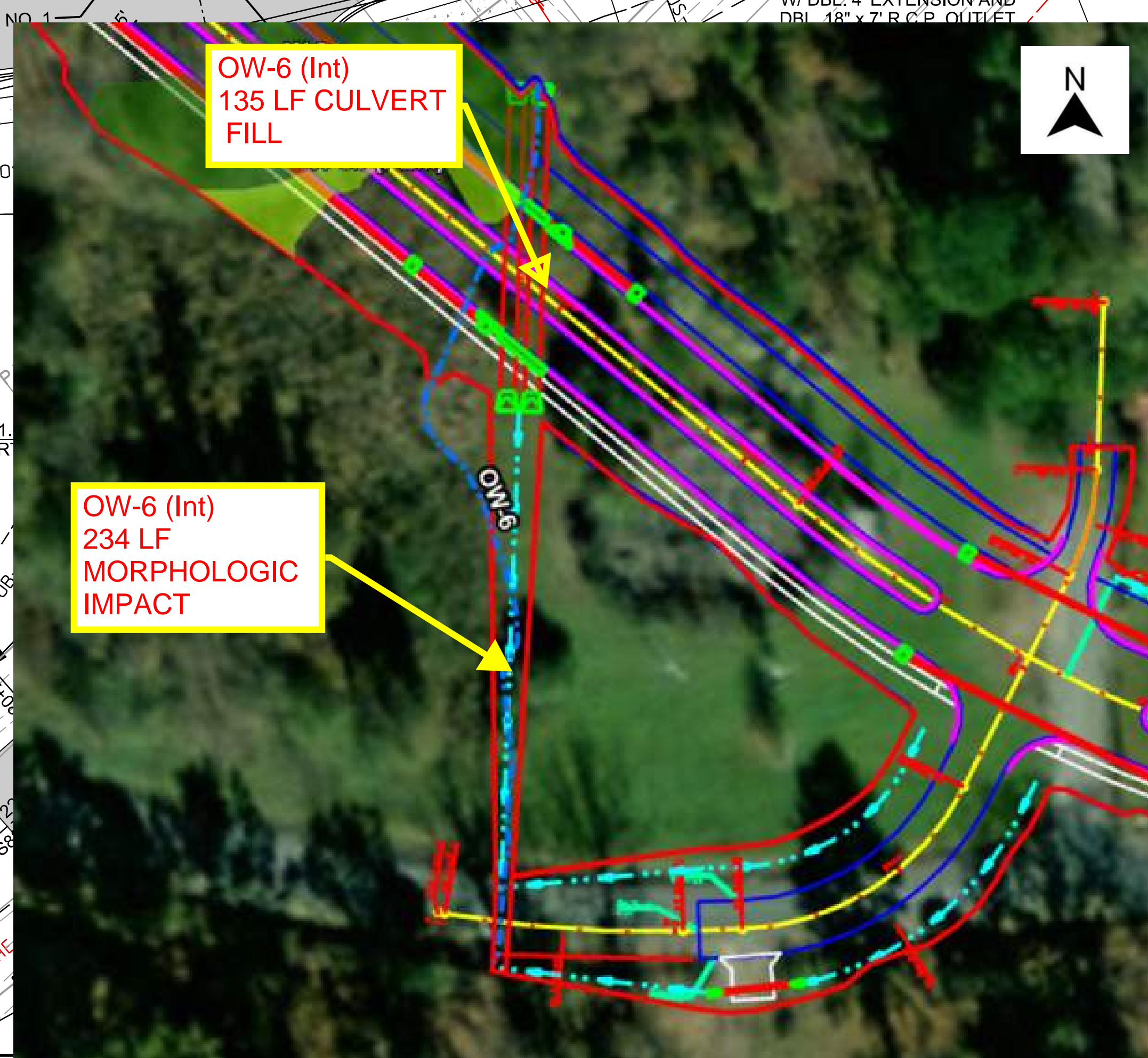
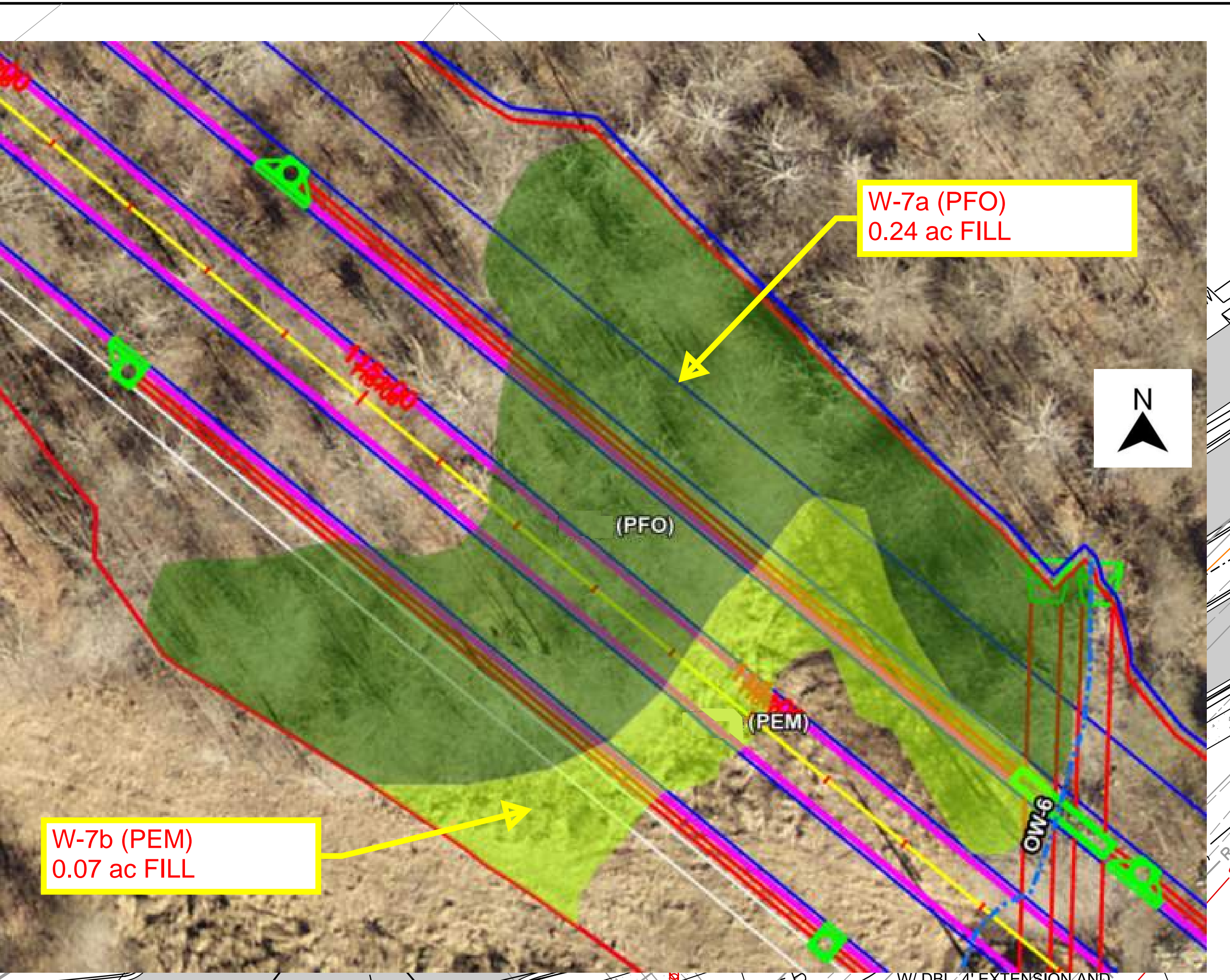
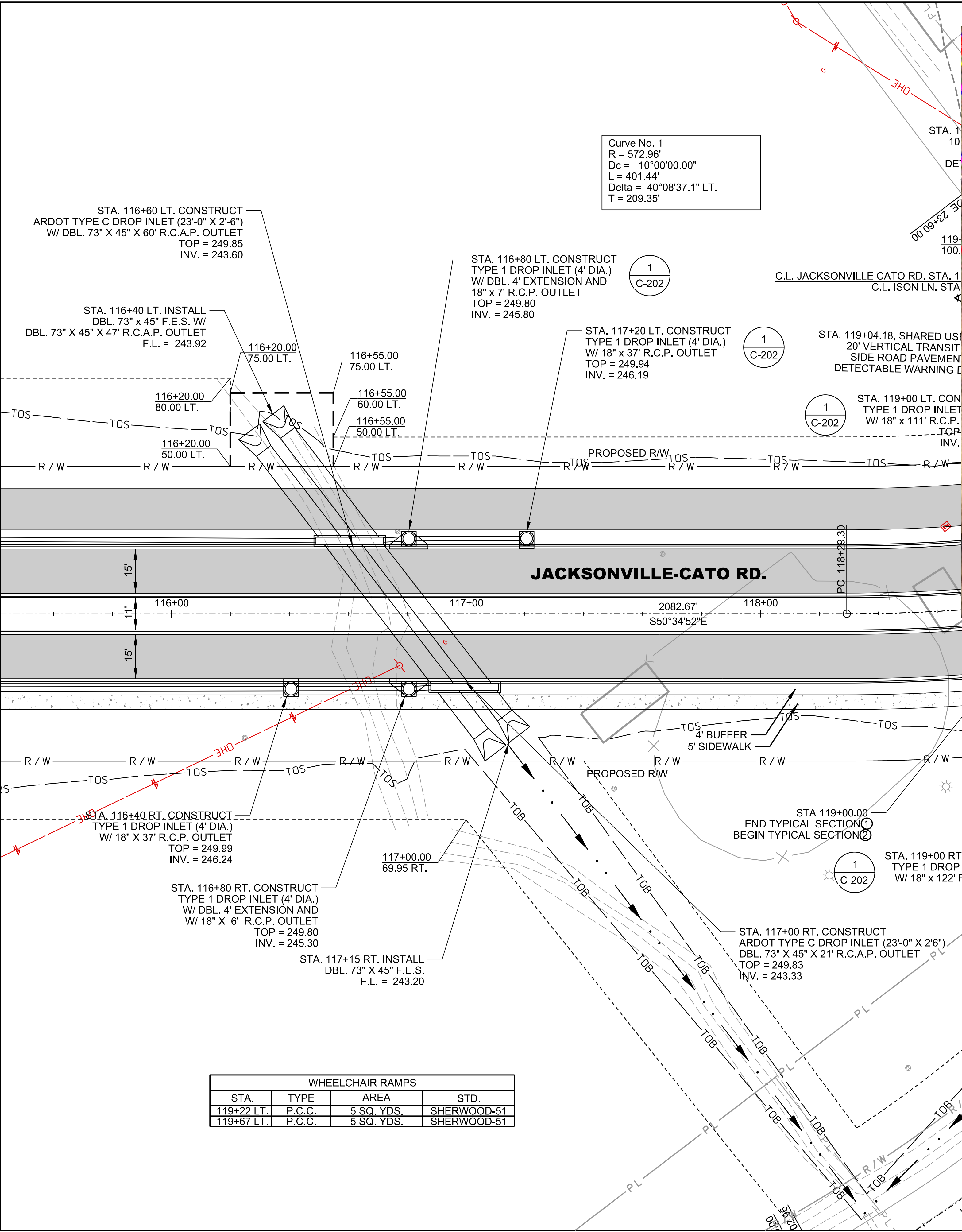
JACKSONVILLE-CATO
 PLAN AND PROFILE
 STA. 104+60 TO
 STA 110+00
 (SHEET 5 OF 20)

JOB NO.: 18017190
 DATE: JUNE 2021
 DESIGNED BY: CMC
 DRAWN BY: AMW

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DRAWING NUMBER
C-605

SHEET NUMBER



WHEELCHAIR RAMPS			
STA.	TYPE	AREA	STD.
119+22 LT.	P.C.C.	5 SQ. YDS.	SHERWOOD-51
119+67 LT.	P.C.C.	5 SQ. YDS.	SHERWOOD-51

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CITY OF SHERWOOD
 PULASKI COUNTY, ARKANSAS

JACKSONVILLE-CATO ROAD
 STREET AND DRAINAGE
 IMPROVEMENTS - PHASE II

JACKSONVILLE-CATO
 PLAN AND PROFILE
 STA. 115+60 TO
 STA 121+20
 (SHEET 6 OF 20)

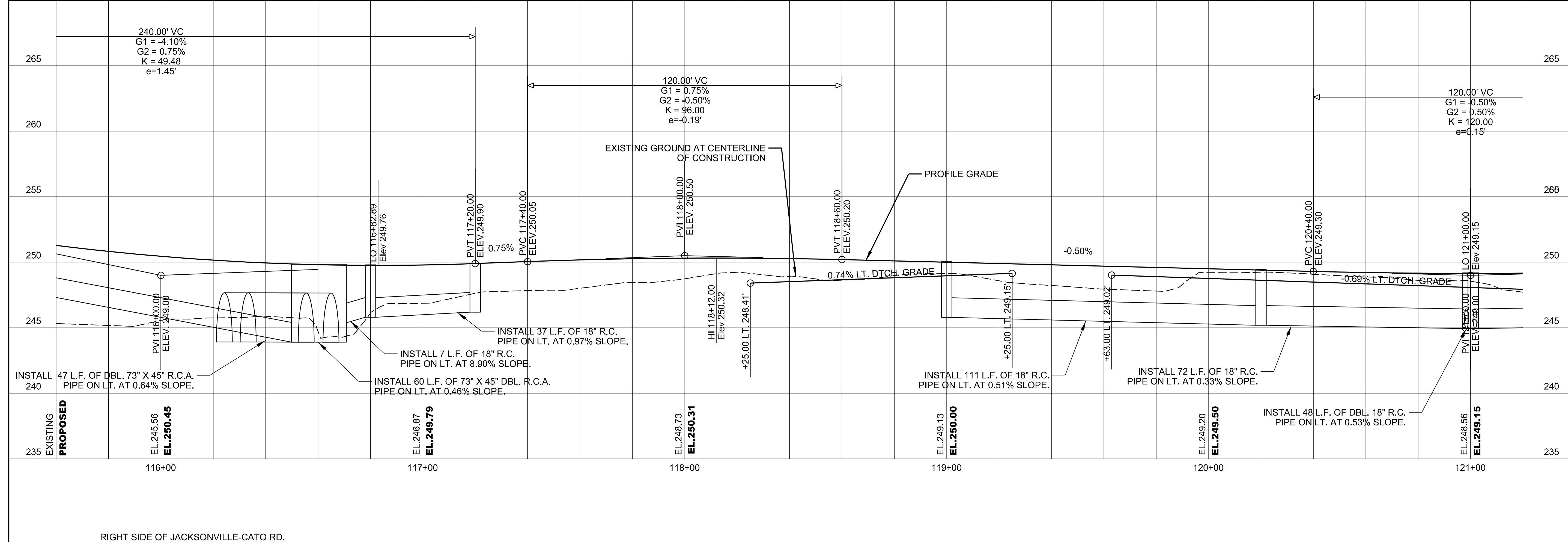
JOB NO.: 18017190
 DATE: JUNE 2021
 DESIGNED BY: CMC
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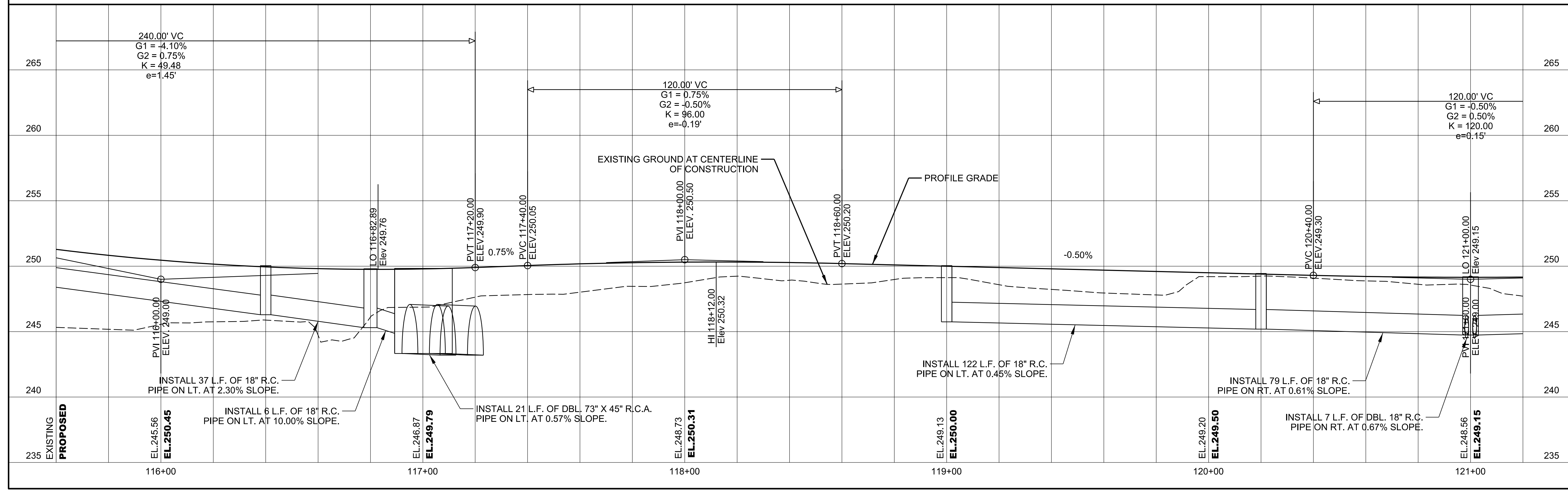
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C-606

SHEET NUMBER

LEFT SIDE OF JACKSONVILLE-CATO RD.



RIGHT SIDE OF JACKSONVILLE-CATO RD.

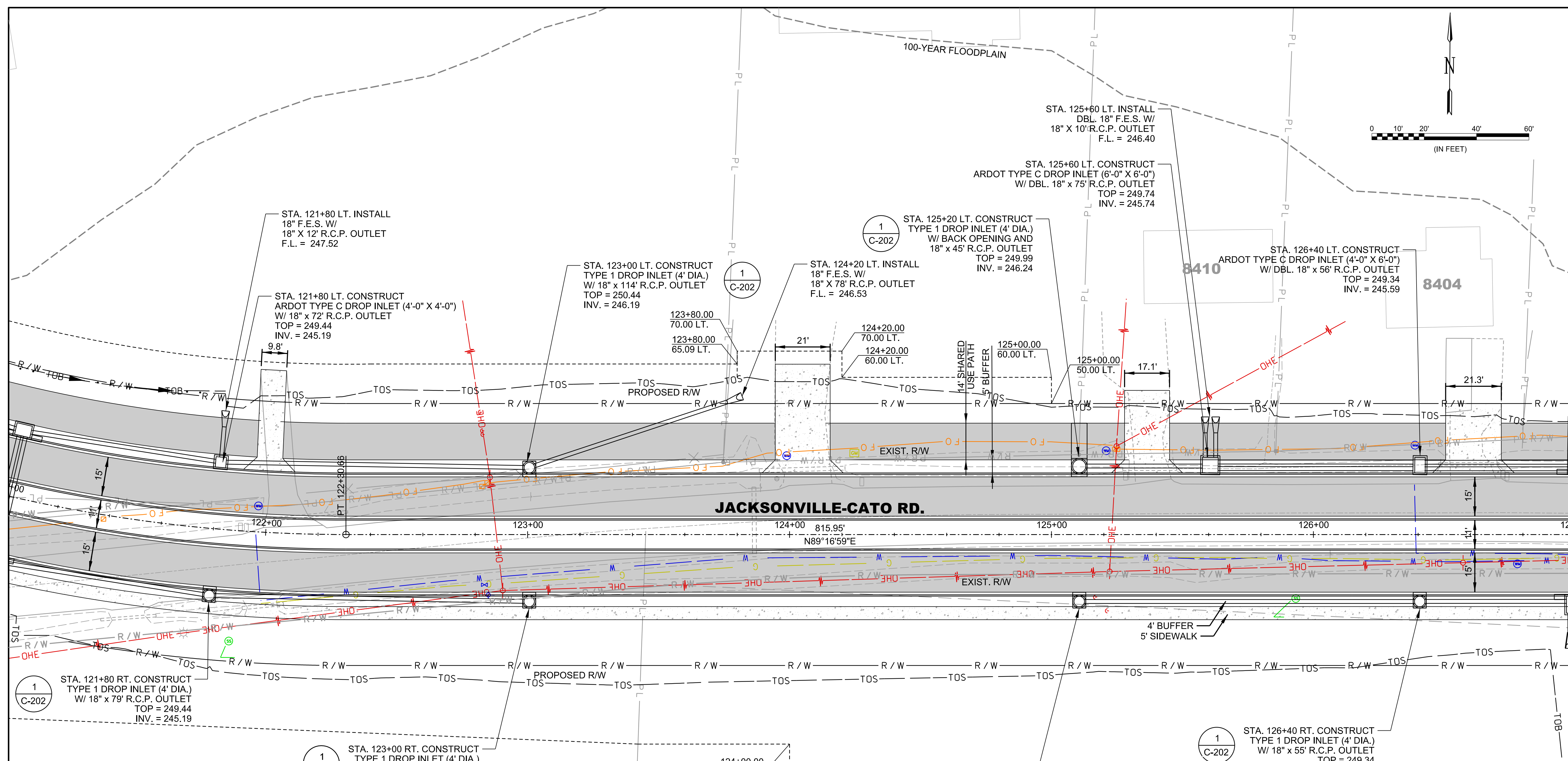


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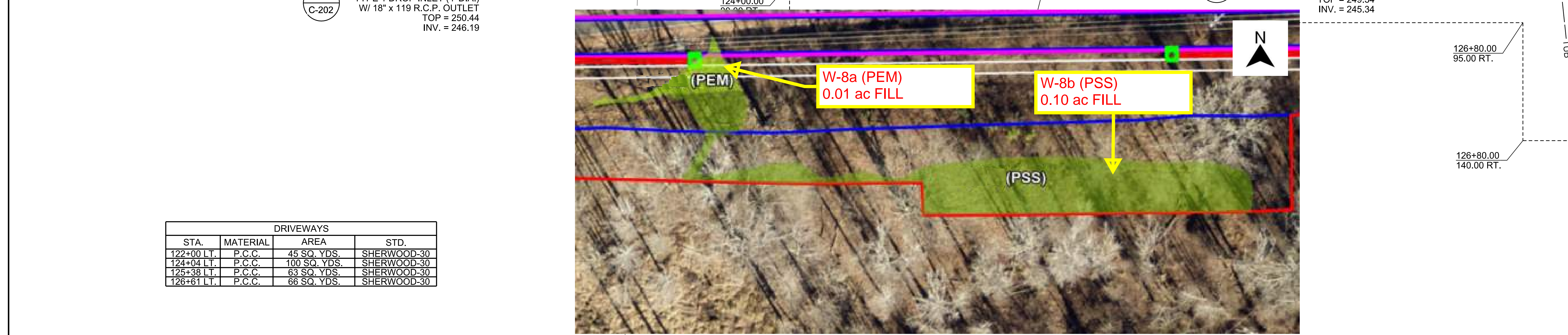


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JACKSONVILLE-CATO RD.



DRIVEWAYS			
STA.	MATERIAL	AREA	STD.
122+00 LT.	P.C.C.	45 SQ. YDS.	SHERWOOD-30
124+04 LT.	P.C.C.	100 SQ. YDS.	SHERWOOD-30
125+38 LT.	P.C.C.	63 SQ. YDS.	SHERWOOD-30
126+61 LT.	P.C.C.	66 SQ. YDS.	SHERWOOD-30

REV.	DATE	DESCRIPTION	BY

CITY OF SHERWOOD
 PULASKI COUNTY, ARKANSAS

**JACKSONVILLE-CATO ROAD
 STREET AND DRAINAGE
 IMPROVEMENTS - PHASE II**

JACKSONVILLE-CATO
 PLAN
 ROADWAY
 STA. 121+20 TO
 STA 126+80
 (SHEET 7 OF 20)

JOB NO.: 18017190
 DATE: JUNE 2021
 DESIGNED BY: CMC
 DRAWN BY: AMW

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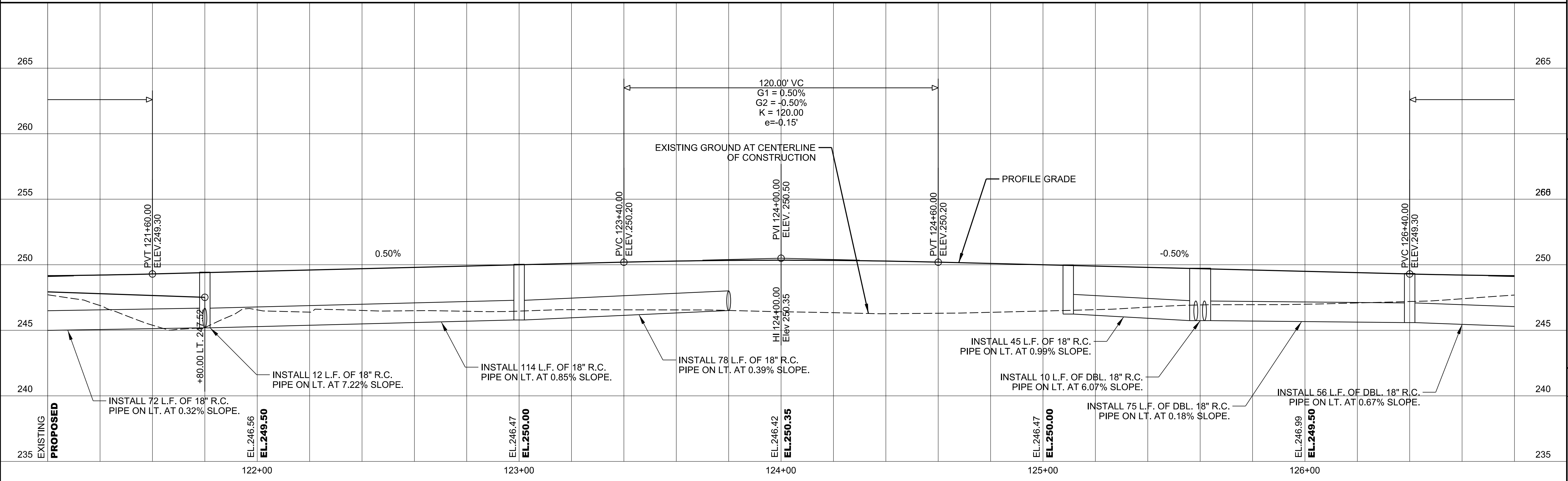
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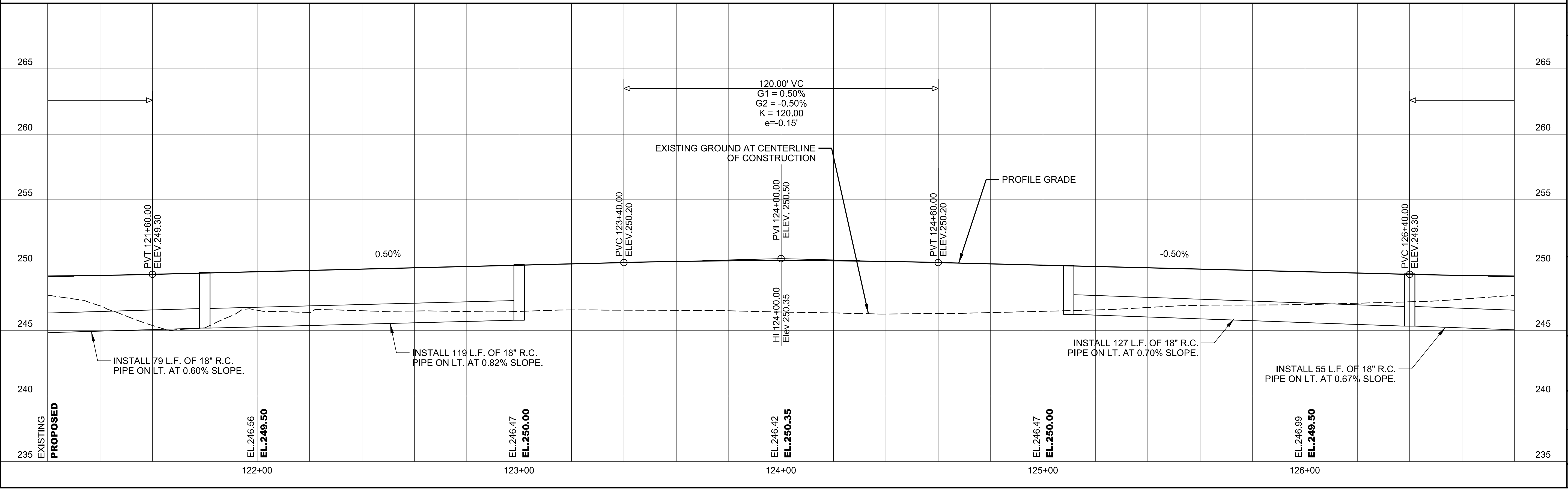
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 WORKSPACE\Garver\2012
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LEFT SIDE OF JACKSONVILLE-CATO RD.



RIGHT SIDE OF JACKSONVILLE-CATO RD.



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CITY OF SHERWOOD
 PULASKI COUNTY, ARKANSAS

JACKSONVILLE-CATO ROAD
 STREET AND DRAINAGE
 IMPROVEMENTS - PHASE II

JACKSONVILLE-CATO
 ROADWAY
 PROFILE
 STA. 121+20 TO
 STA. 126+80
 (SHEET 8 OF 20)

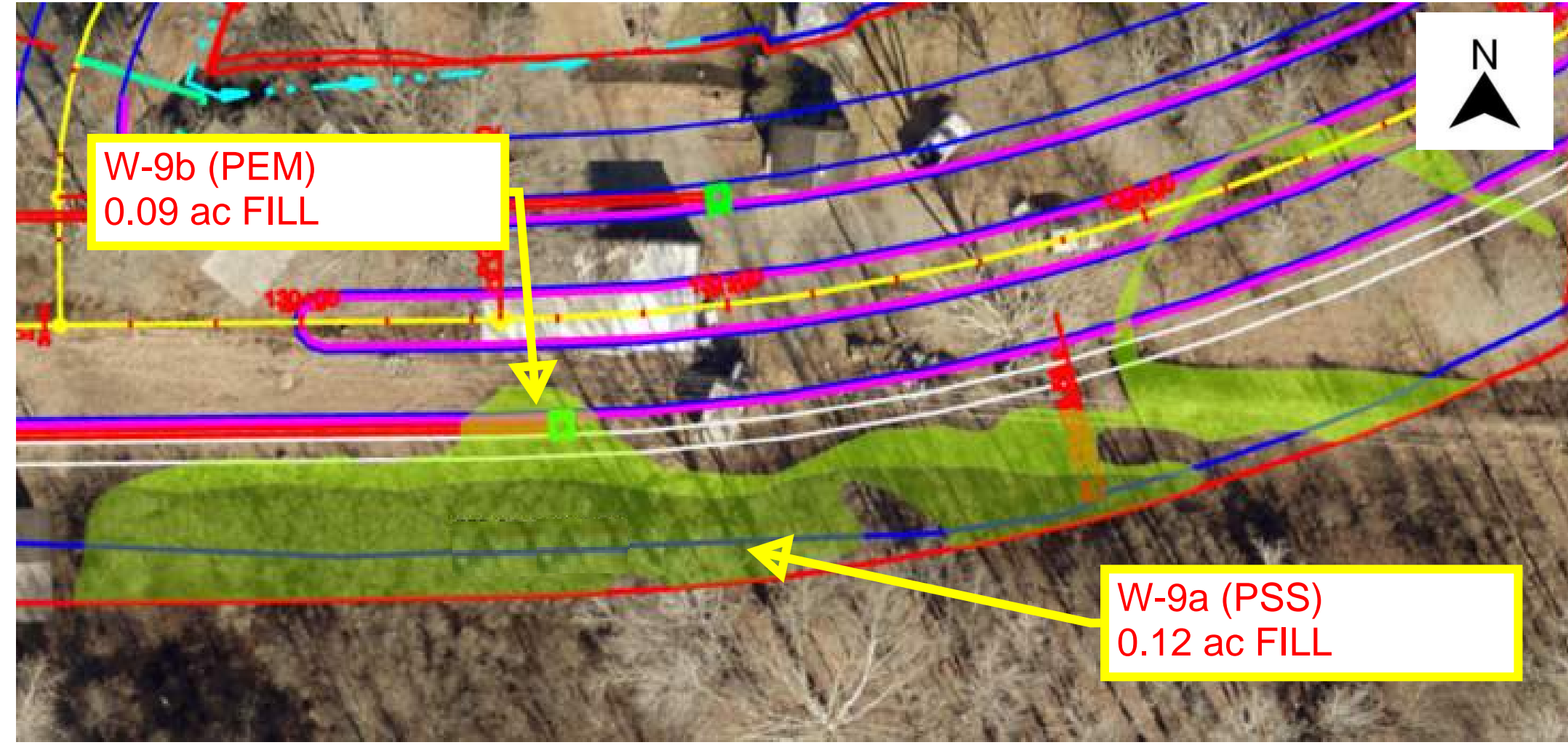
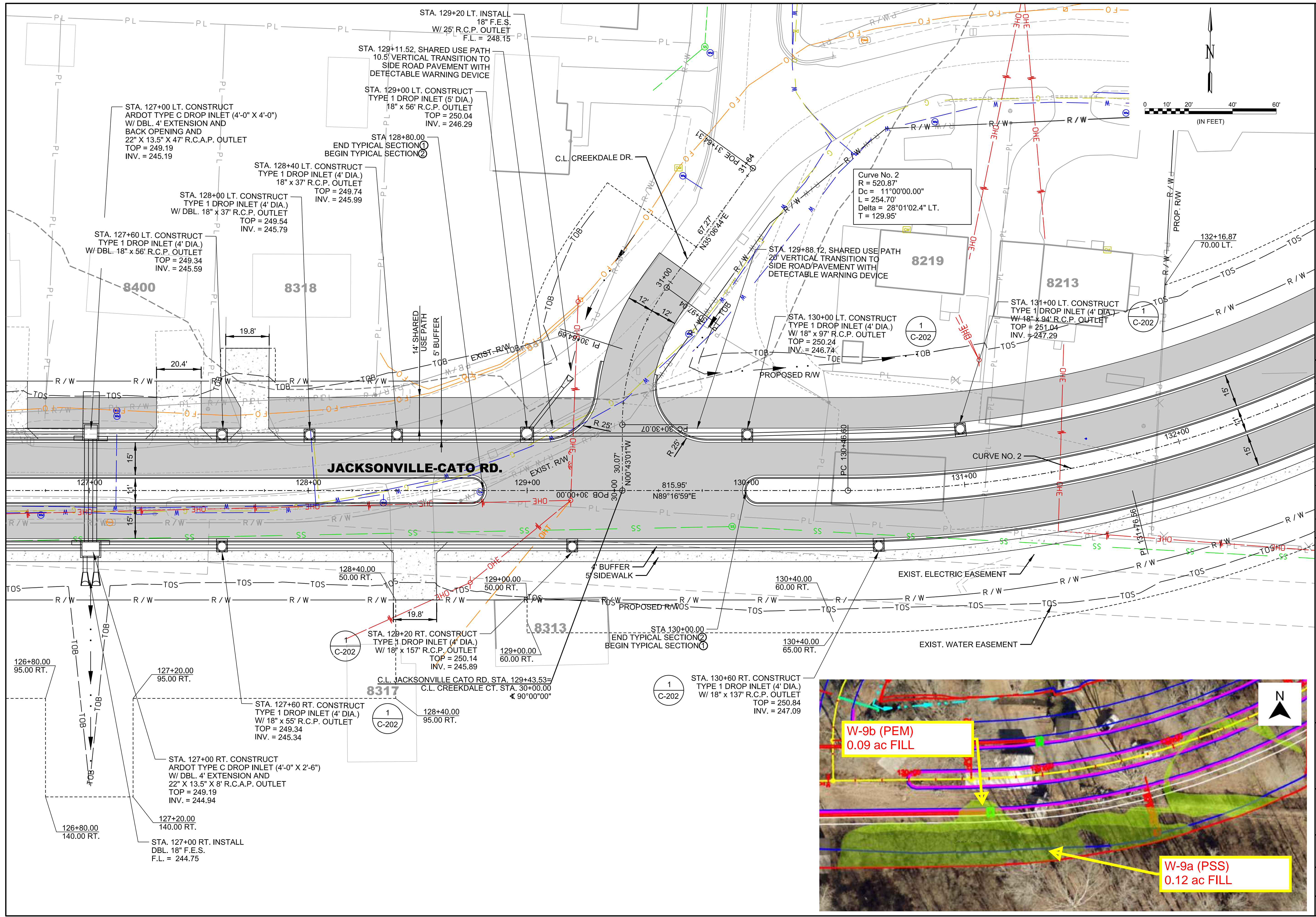
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 DATE: JUNE 2021
 DESIGNED BY: CMC
 DRAWN BY: AMW

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CITY OF SHERWOOD
 PULASKI COUNTY, ARKANSAS

JACKSONVILLE-CATO ROAD
 STREET AND DRAINAGE
 IMPROVEMENTS - PHASE II

JACKSONVILLE-CATO
 PLAN
 ROADWAY
 STA. 126+80 TO
 STA 132+40
 (SHEET 9 OF 20)

JOB NO.: 18017190
 DATE: JUNE 2021
 DESIGNED BY: CMC
 DRAWN BY: AMW

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DRAWING NUMBER
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SHEET
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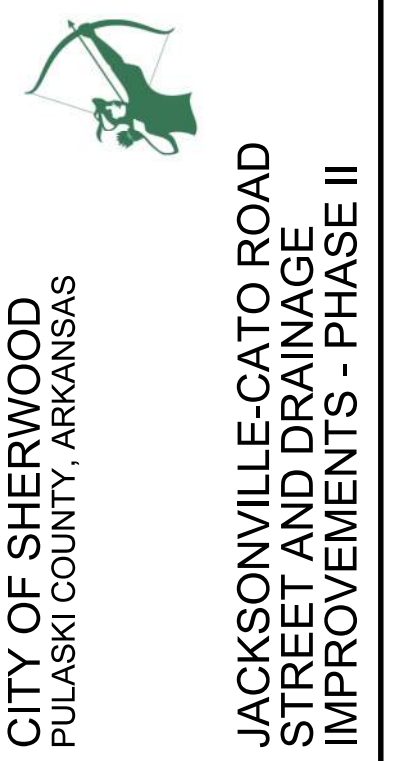
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PRELIMINARY DESIGN (60%)
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REV.	DATE	DESCRIPTION	BY



CITY OF SHERWOOD
 PULASKI COUNTY, ARKANSAS

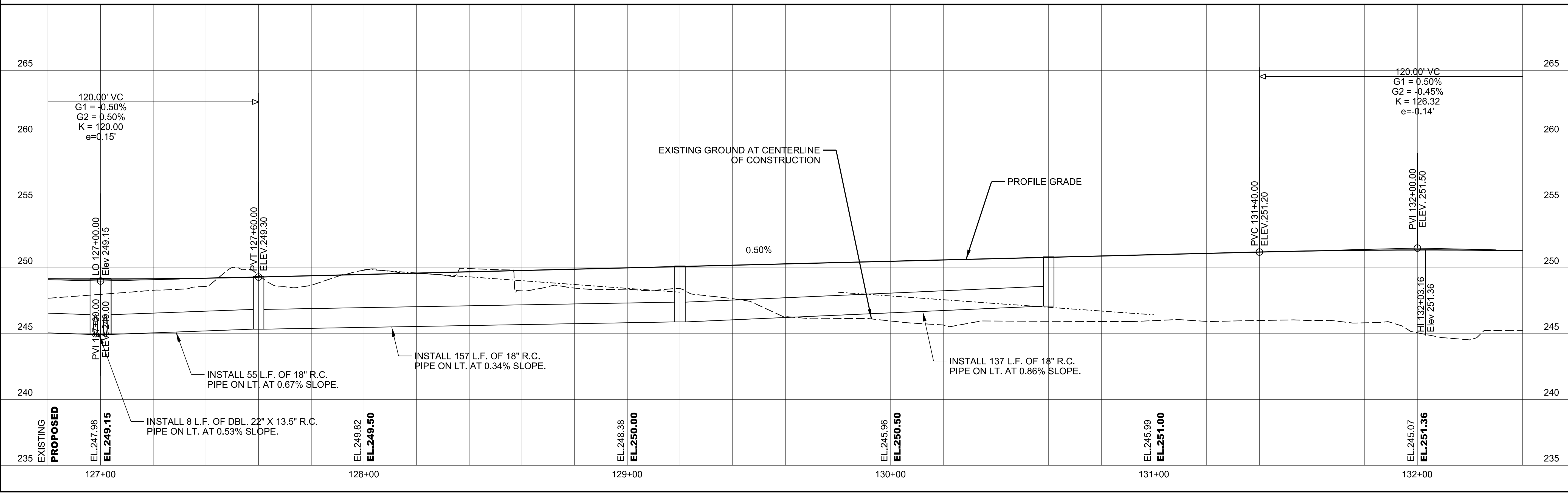
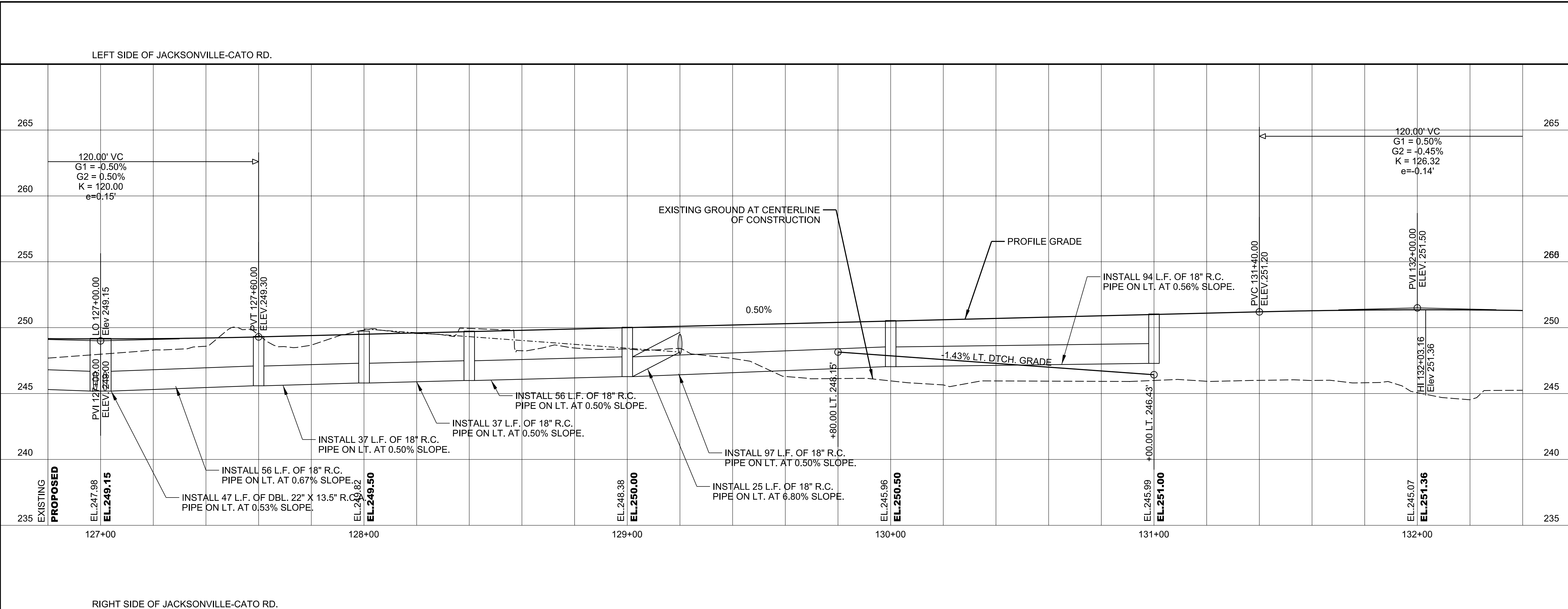
JACKSONVILLE-CATO
 ROADWAY
 PROFILE
 STA. 126+80 TO
 STA 132+40
 (SHEET 10 OF 20)

JOB NO.: 18017190
 DATE: JUNE 2021
 DESIGNED BY: CMC
 DRAWN BY: AMW

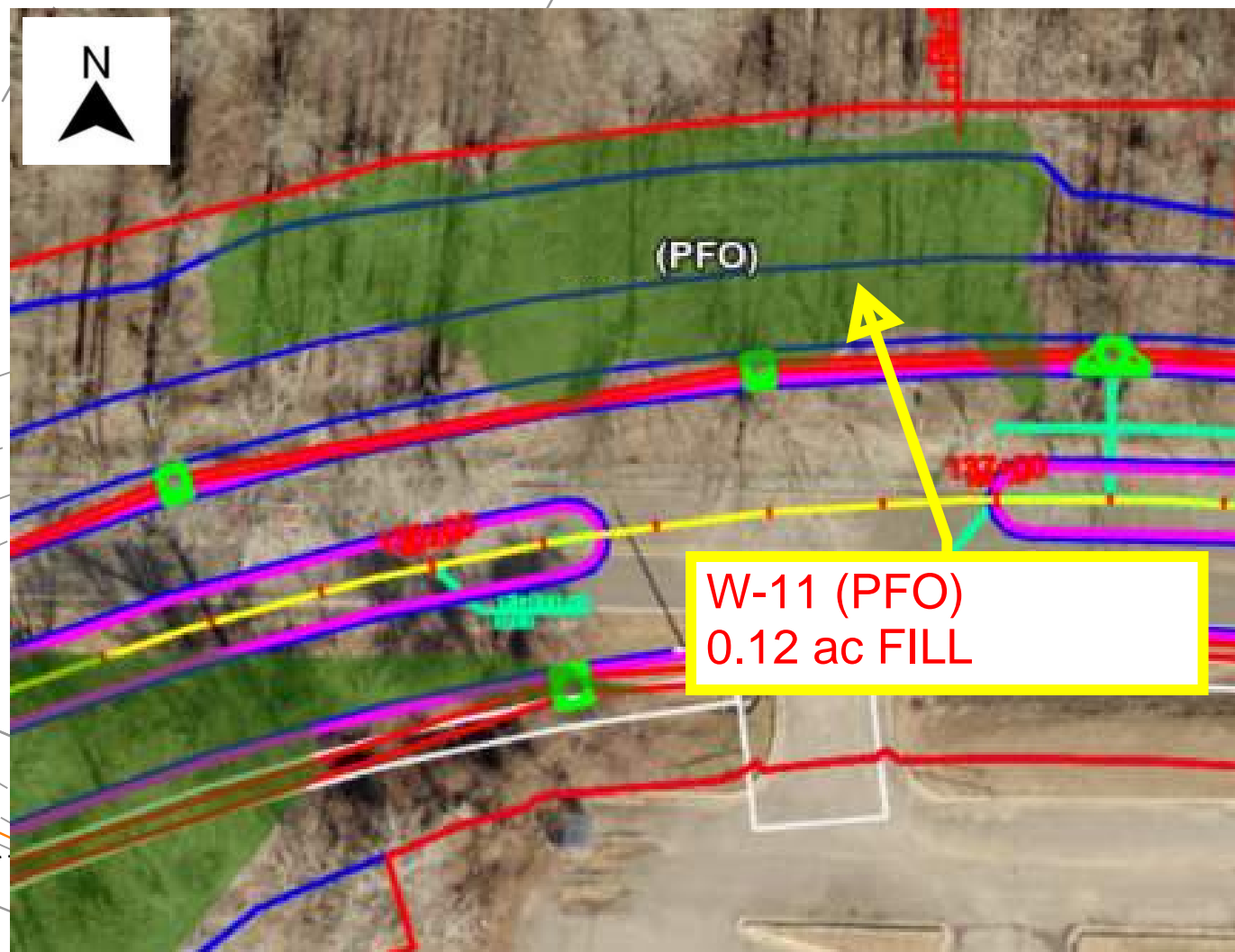
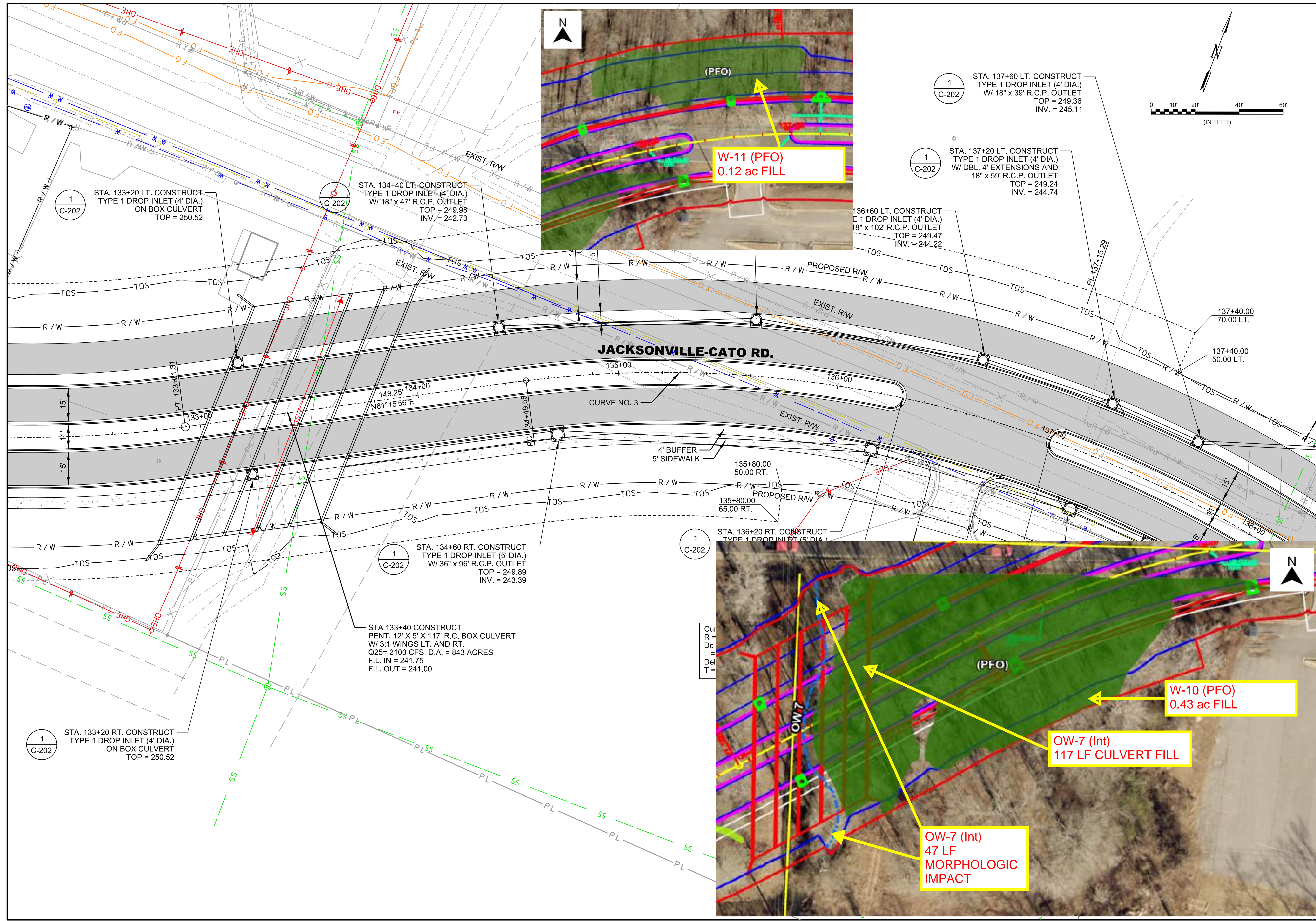
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C-610

SHEET
 NUMBER



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W-11 (PFO)
 0.12 ac FILL

1
 C-202 STA. 137+60 LT. CONSTRUCT
 TYPE 1 DROP INLET (4' DIA.)
 W/ 18" x 39' R.C.P. OUTLET
 TOP = 249.36
 INV. = 245.11

1
 C-202 STA. 137+20 LT. CONSTRUCT
 TYPE 1 DROP INLET (4' DIA.)
 W/ DBL. 4' EXTENSIONS AND
 18" x 59' R.C.P. OUTLET
 TOP = 249.24
 INV. = 244.74

136+60 LT. CONSTRUCT
 TYPE 1 DROP INLET (4' DIA.)
 W/ 18" x 102' R.C.P. OUTLET
 TOP = 249.47
 INV. = 244.22

1
 C-202 STA. 134+40 LT. CONSTRUCT
 TYPE 1 DROP INLET (4' DIA.)
 W/ 18" x 47' R.C.P. OUTLET
 TOP = 249.98
 INV. = 242.73

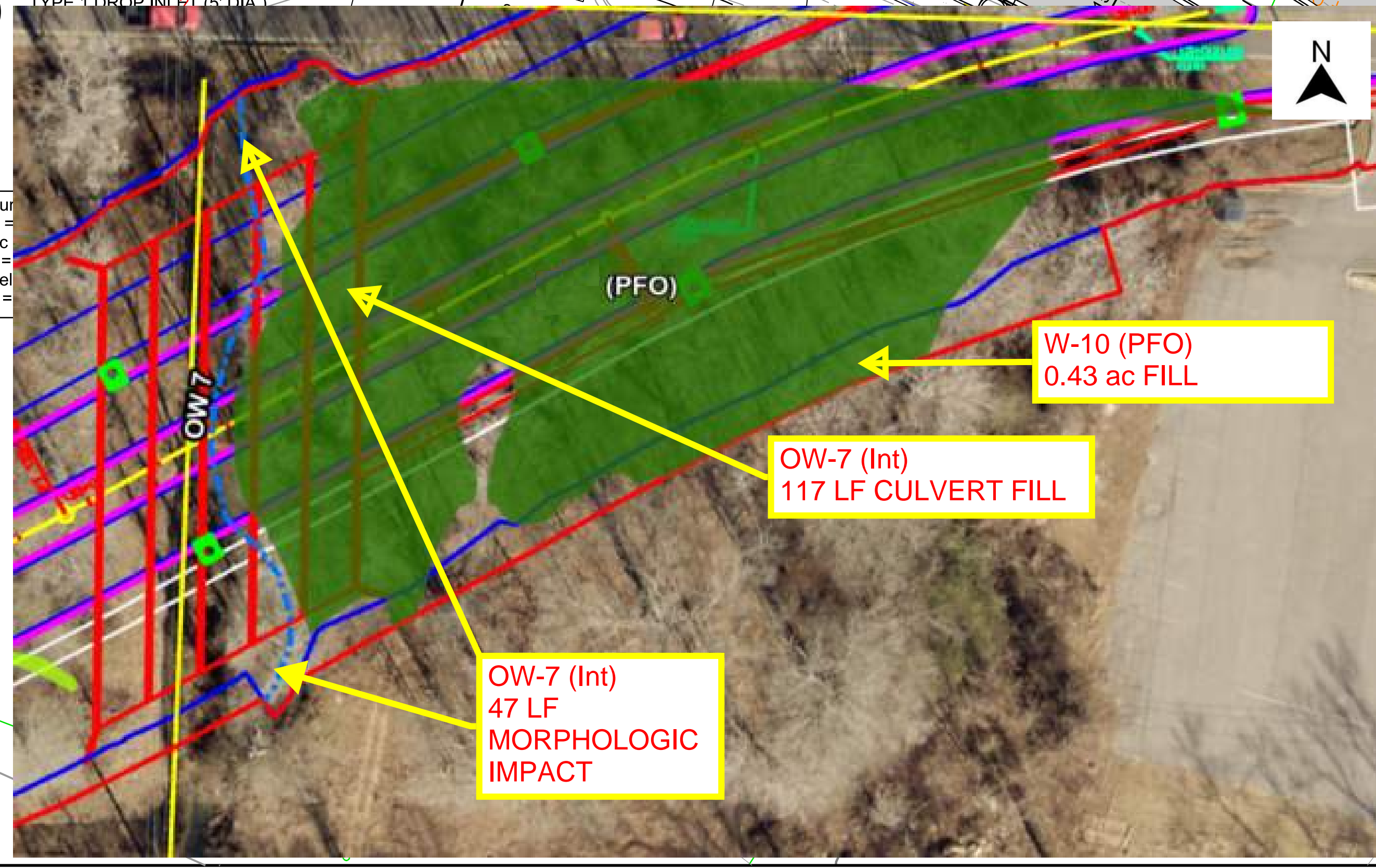
1
 C-202 STA. 133+20 LT. CONSTRUCT
 TYPE 1 DROP INLET (4' DIA.)
 ON BOX CULVERT
 TOP = 250.52

1
 C-202 STA. 134+60 RT. CONSTRUCT
 TYPE 1 DROP INLET (5' DIA.)
 W/ 36" x 96' R.C.P. OUTLET
 TOP = 249.89
 INV. = 243.39

STA 133+40 CONSTRUCT
 PENT. 12' X 5' X 117' R.C. BOX CULVERT
 W/ 3:1 WINGS LT. AND RT.
 Q25= 2100 CFS, D.A. = 843 ACRES
 F.L. IN = 241.75
 F.L. OUT = 241.00

1
 C-202 STA. 133+20 RT. CONSTRUCT
 TYPE 1 DROP INLET (4' DIA.)
 ON BOX CULVERT
 TOP = 250.52

1
 C-202 STA. 136+20 RT. CONSTRUCT
 TYPE 1 DROP INLET (5' DIA.)



W-10 (PFO)
 0.43 ac FILL

OW-7 (Int)
 117 LF CULVERT FILL

OW-7 (Int)
 47 LF
 MORPHOLOGIC
 IMPACT

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 NOT FOR CONSTRUCTION

REV.	DATE	DESCRIPTION	BY

CITY OF SHERWOOD
 PULASKI COUNTY, ARKANSAS

JACKSONVILLE-CATO ROAD
 STREET AND DRAINAGE
 IMPROVEMENTS - PHASE II

JACKSONVILLE-CATO
 PLAN
 STA. 132+60 TO
 STA 138+00
 (SHEET 11 OF 20)

JOB NO.: 18017190
 DATE: JUNE 2021
 DESIGNED BY: CMC
 DRAWN BY: AMW

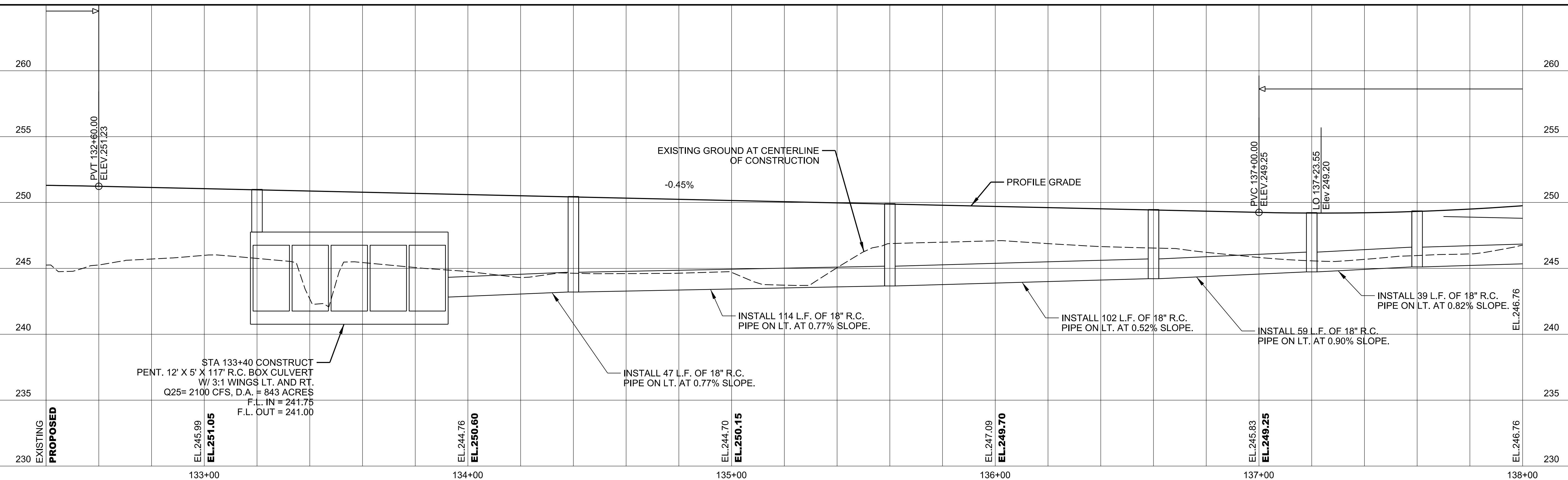
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C-611

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 NUMBER

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 WORKSPACE:Garver_2012
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LEFT SIDE OF JACKSONVILLE-CATO RD.



STA 133+40 CONSTRUCT
 PENT. 12' X 5' X 117' R.C. BOX CULVERT
 W/ 3:1 WINGS LT. AND RT.
 Q25= 2100 CFS, D.A. = 843 ACRES
 F.L. IN = 241.75
 F.L. OUT = 241.00

EXISTING GROUND AT CENTERLINE
 OF CONSTRUCTION

PROFILE GRADE

INSTALL 114 L.F. OF 18" R.C.
 PIPE ON LT. AT 0.77% SLOPE.

INSTALL 102 L.F. OF 18" R.C.
 PIPE ON LT. AT 0.52% SLOPE.

INSTALL 59 L.F. OF 18" R.C.
 PIPE ON LT. AT 0.90% SLOPE.

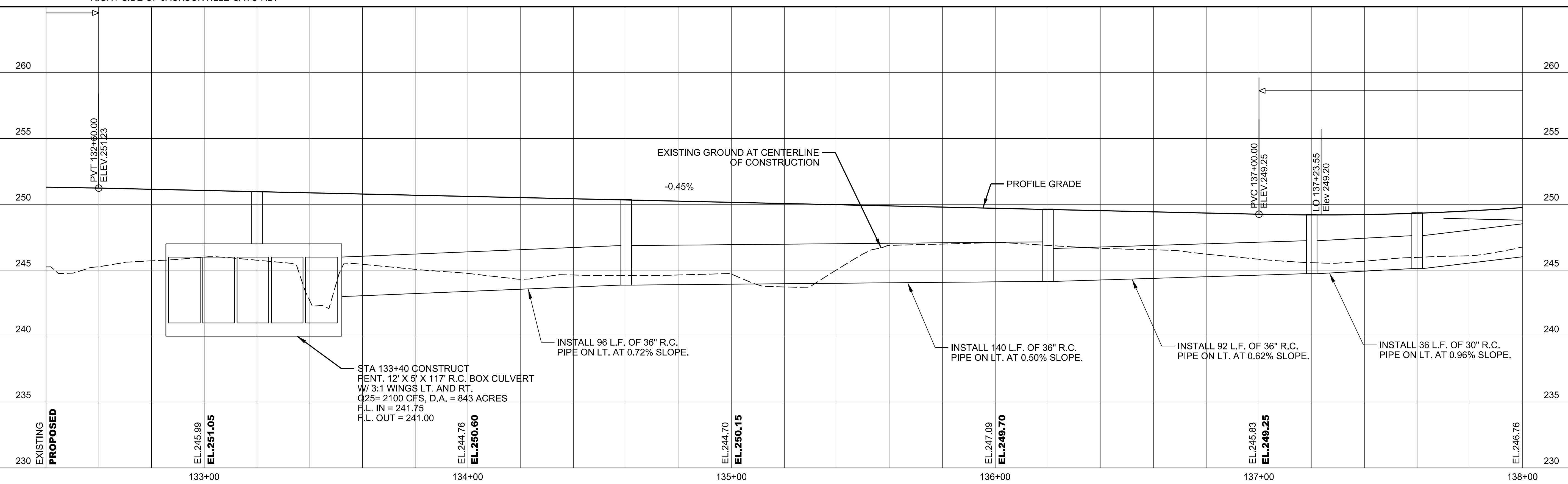
INSTALL 39 L.F. OF 18" R.C.
 PIPE ON LT. AT 0.82% SLOPE.

INSTALL 47 L.F. OF 18" R.C.
 PIPE ON LT. AT 0.77% SLOPE.

PRELIMINARY DESIGN (60%)
 NOT FOR CONSTRUCTION

REV.	DATE	DESCRIPTION	BY

RIGHT SIDE OF JACKSONVILLE-CATO RD.



STA 133+40 CONSTRUCT
 PENT. 12' X 5' X 117' R.C. BOX CULVERT
 W/ 3:1 WINGS LT. AND RT.
 Q25= 2100 CFS, D.A. = 843 ACRES
 F.L. IN = 241.75
 F.L. OUT = 241.00

EXISTING GROUND AT CENTERLINE
 OF CONSTRUCTION


PROFILE GRADE

INSTALL 96 L.F. OF 36" R.C.
 PIPE ON LT. AT 0.72% SLOPE.

INSTALL 140 L.F. OF 36" R.C.
 PIPE ON LT. AT 0.50% SLOPE.

INSTALL 92 L.F. OF 36" R.C.
 PIPE ON LT. AT 0.62% SLOPE.

INSTALL 36 L.F. OF 30" R.C.
 PIPE ON LT. AT 0.96% SLOPE.



CITY OF SHERWOOD
 PULASKI COUNTY, ARKANSAS

JACKSONVILLE-CATO ROAD
 STREET AND DRAINAGE
 IMPROVEMENTS - PHASE II

JACKSONVILLE-CATO
 PROFILE
 STA. 132+60 TO
 STA 138+00
 (SHEET 12 OF 20)

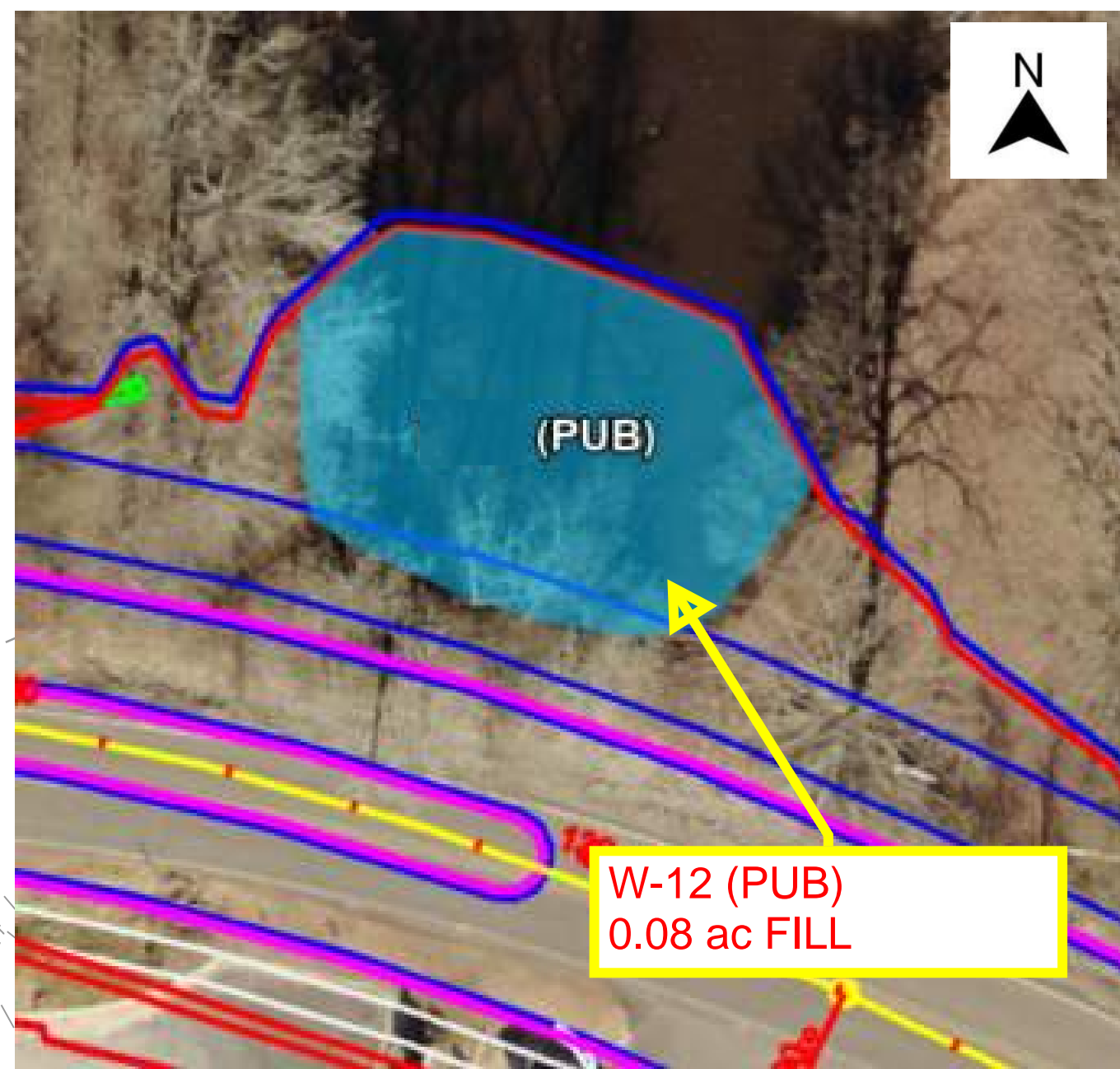
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 DATE: JUNE 2021
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 DRAWN BY: AMW

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C-612

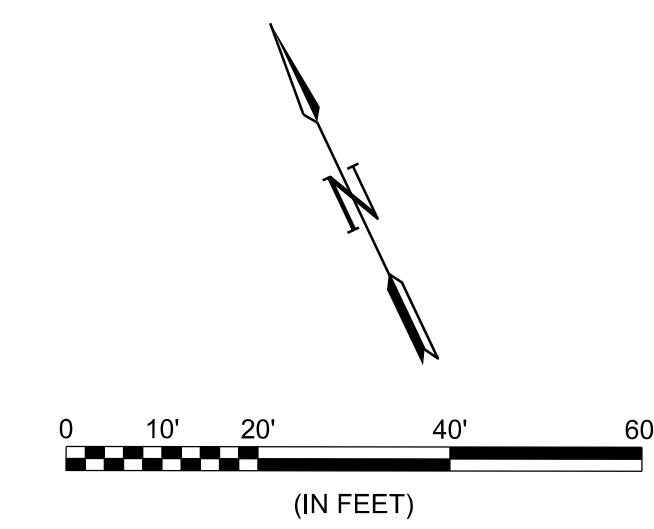
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W-12 (PUB)
 0.08 ac FILL

CONSTRUCT
 (4'-0" X 3'-6")
 TENSION AND
 C.P. OUTLET
 TOP = 256.34
 INV. = 250.84



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 PULASKI COUNTY, ARKANSAS

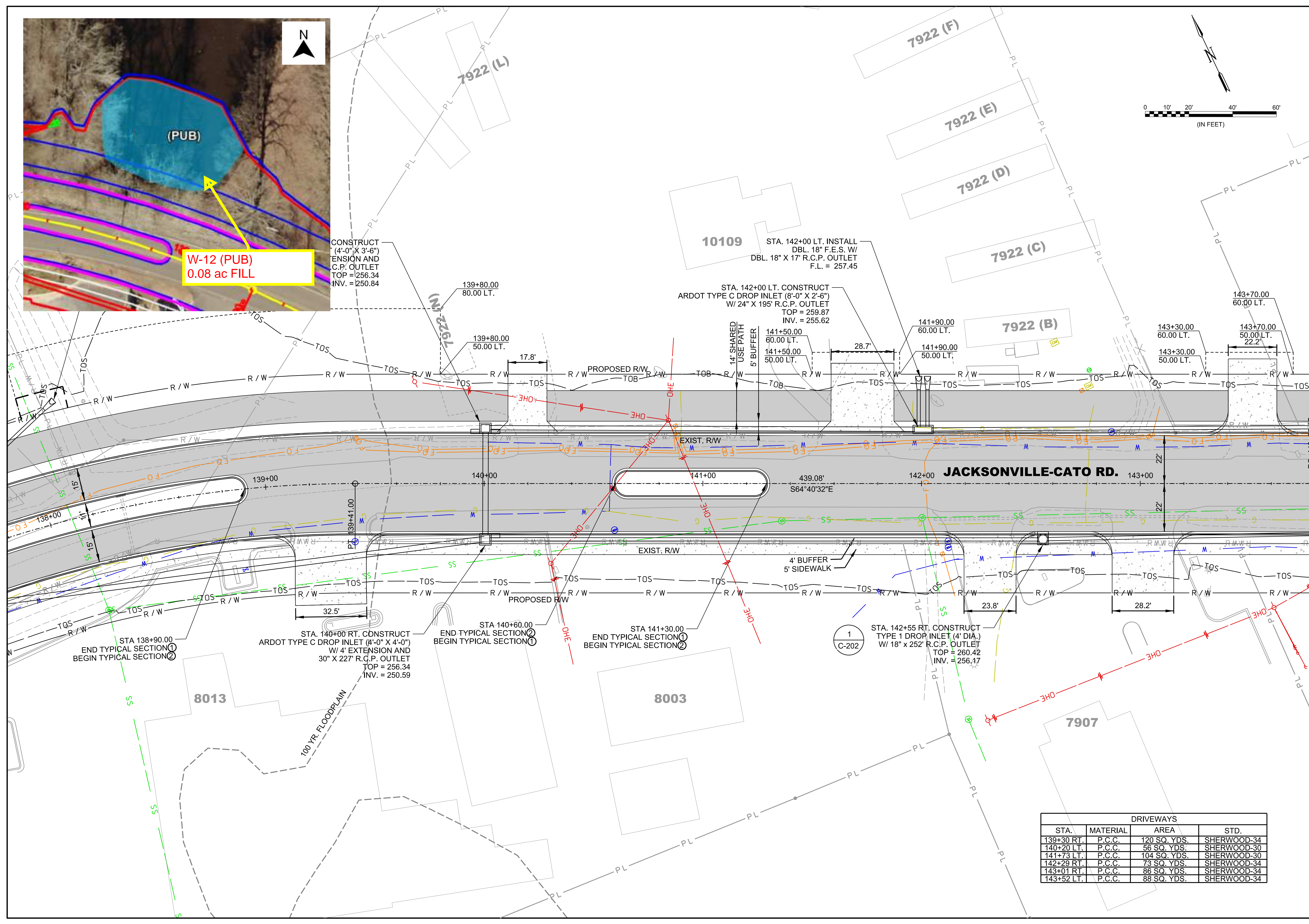
JACKSONVILLE-CATO ROAD
 STREET AND DRAINAGE
 IMPROVEMENTS - PHASE II

JACKSONVILLE-CATO
 PLAN
 STA. 138+00 TO
 STA. 143+60
 (SHEET 13 OF 20)

JOB NO.: 18017190
 DATE: JUNE 2021
 DESIGNED BY: CMC
 DRAWN BY: AMW

BAR IS ONE INCH ON
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DRAWING NUMBER
C-613
 SHEET
 NUMBER



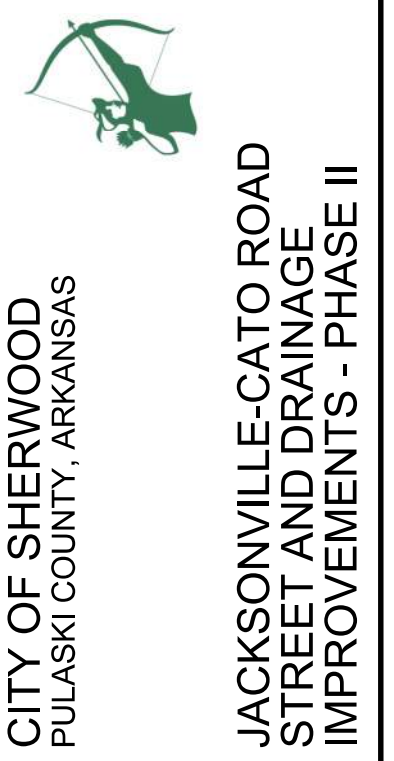
DRIVEWAYS			
STA.	MATERIAL	AREA	STD.
139+30 RT.	P.C.C.	120 SQ. YDS.	SHERWOOD-34
140+20 LT.	P.C.C.	56 SQ. YDS.	SHERWOOD-30
141+73 LT.	P.C.C.	104 SQ. YDS.	SHERWOOD-30
142+29 RT.	P.C.C.	73 SQ. YDS.	SHERWOOD-34
143+01 RT.	P.C.C.	86 SQ. YDS.	SHERWOOD-34
143+52 LT.	P.C.C.	88 SQ. YDS.	SHERWOOD-34



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CITY OF SHERWOOD
 PULASKI COUNTY, ARKANSAS

JACKSONVILLE-CATO ROAD
 STREET AND DRAINAGE
 IMPROVEMENTS - PHASE II

JACKSONVILLE-CATO
 PROFILE
 STA. 138+00 TO
 STA 143+60
 (SHEET 14 OF 20)

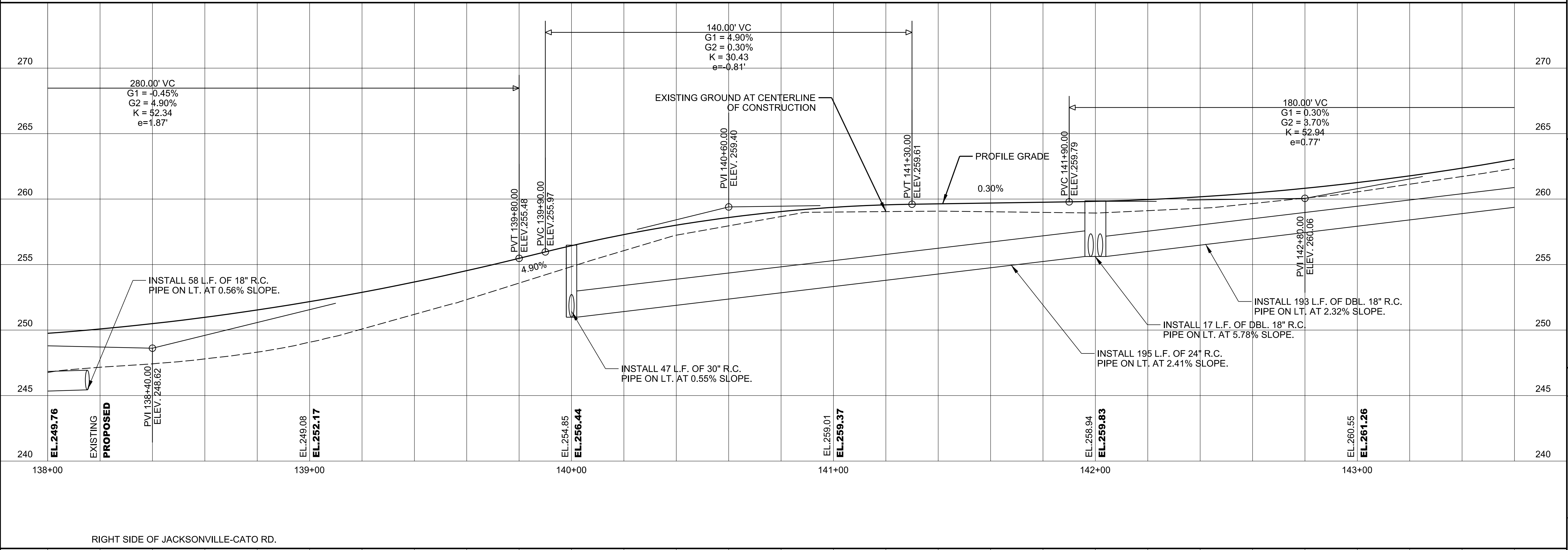
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 DRAWN BY: AMW

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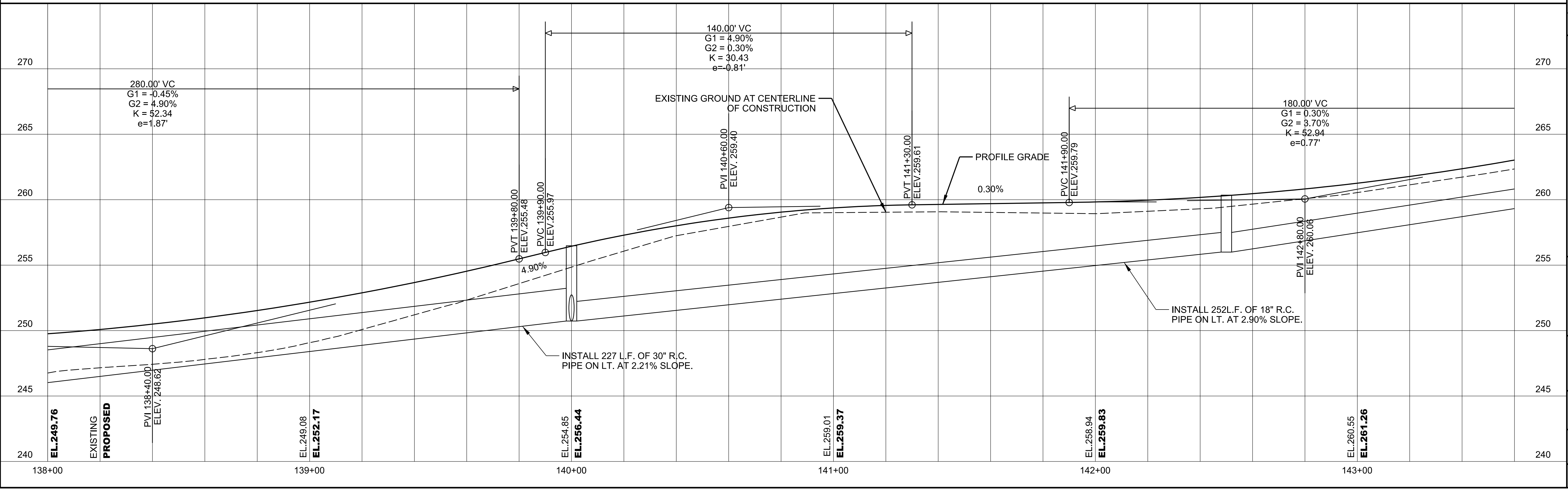
DRAWING NUMBER
C-614

SHEET NUMBER

LEFT SIDE OF JACKSONVILLE-CATO RD.



RIGHT SIDE OF JACKSONVILLE-CATO RD.



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 PULASKI COUNTY, ARKANSAS

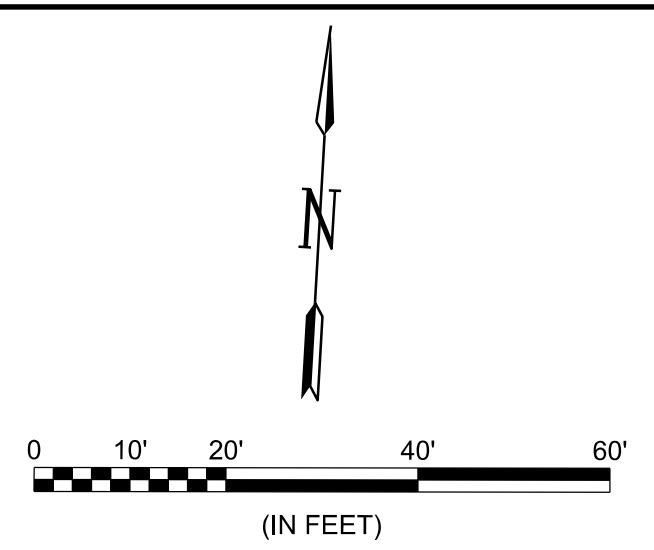
JACKSONVILLE-CATO ROAD
 STREET AND DRAINAGE
 IMPROVEMENTS - PHASE II

JACKSONVILLE-CATO
 PLAN
 STA. 143+60 TO
 STA 146+80
 (SHEET 15 OF 20)

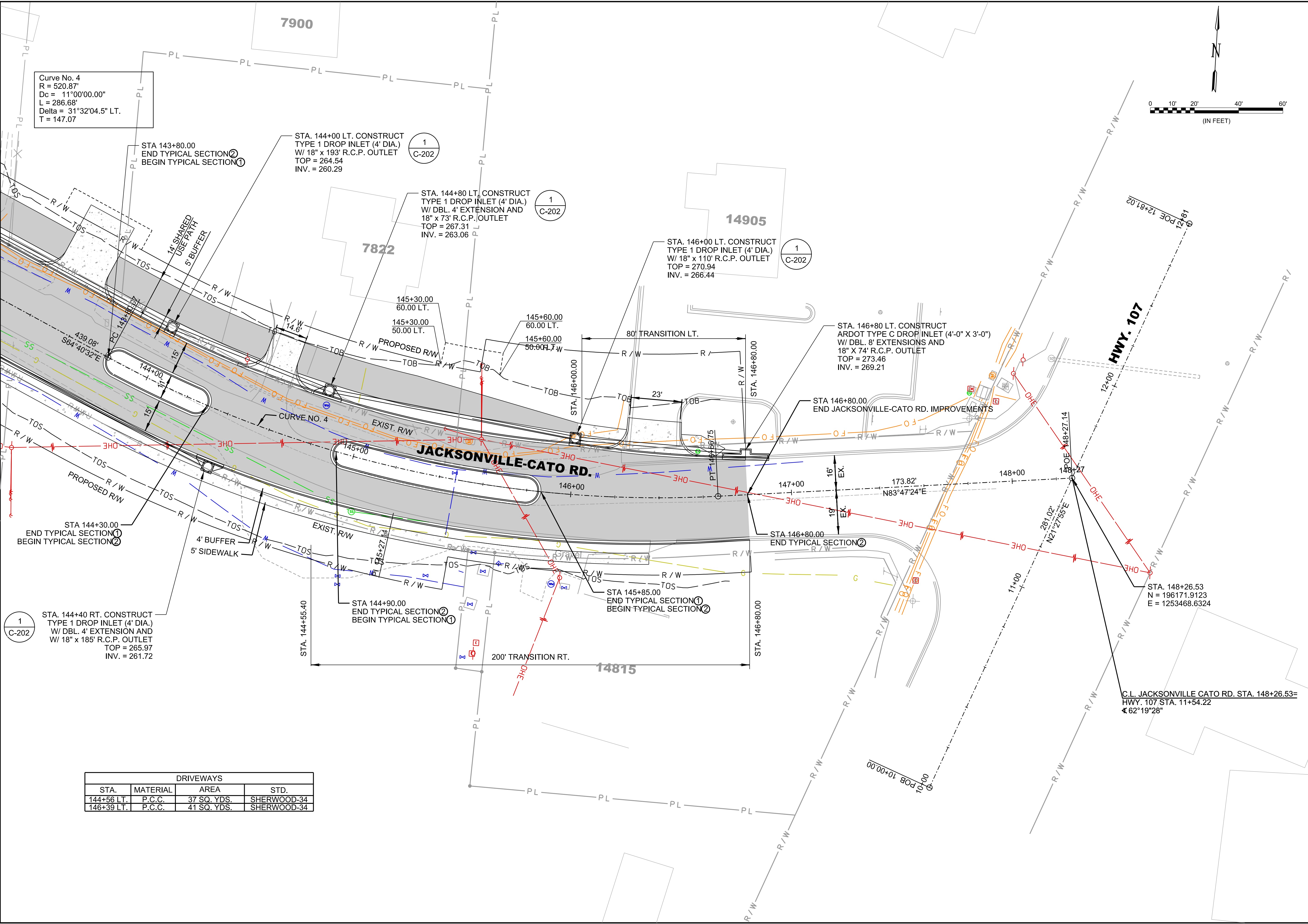
JOB NO.: 18017190
 DATE: JUNE 2021
 DESIGNED BY: CMC
 DRAWN BY: AMW

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DRAWING NUMBER
C-615
 SHEET NUMBER



Curve No. 4
 R = 520.87'
 Dc = 11°00'00.00"
 L = 286.68'
 Delta = 31°32'04.5" LT.
 T = 147.07'



DRIVEWAYS			
STA.	MATERIAL	AREA	STD.
144+56 LT.	P.C.C.	37 SQ. YDS.	SHERWOOD-34
146+39 LT.	P.C.C.	41 SQ. YDS.	SHERWOOD-34

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