US Army Corps
of Engineers
Vicksburg District
4155 Clay Street
Vicksburg, MS 39183-3435
www.mvk.usace.army.mil

Public Notice

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

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

<u>Location of Work</u>: 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.

<u>Description of Work</u>: (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 groundseltree (*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 subsidednatural 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

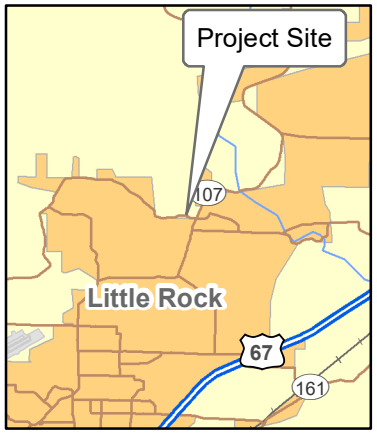
11 July 2022

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®

N
W E
S

Regulatory Division
Enforcement & Compliance Branch

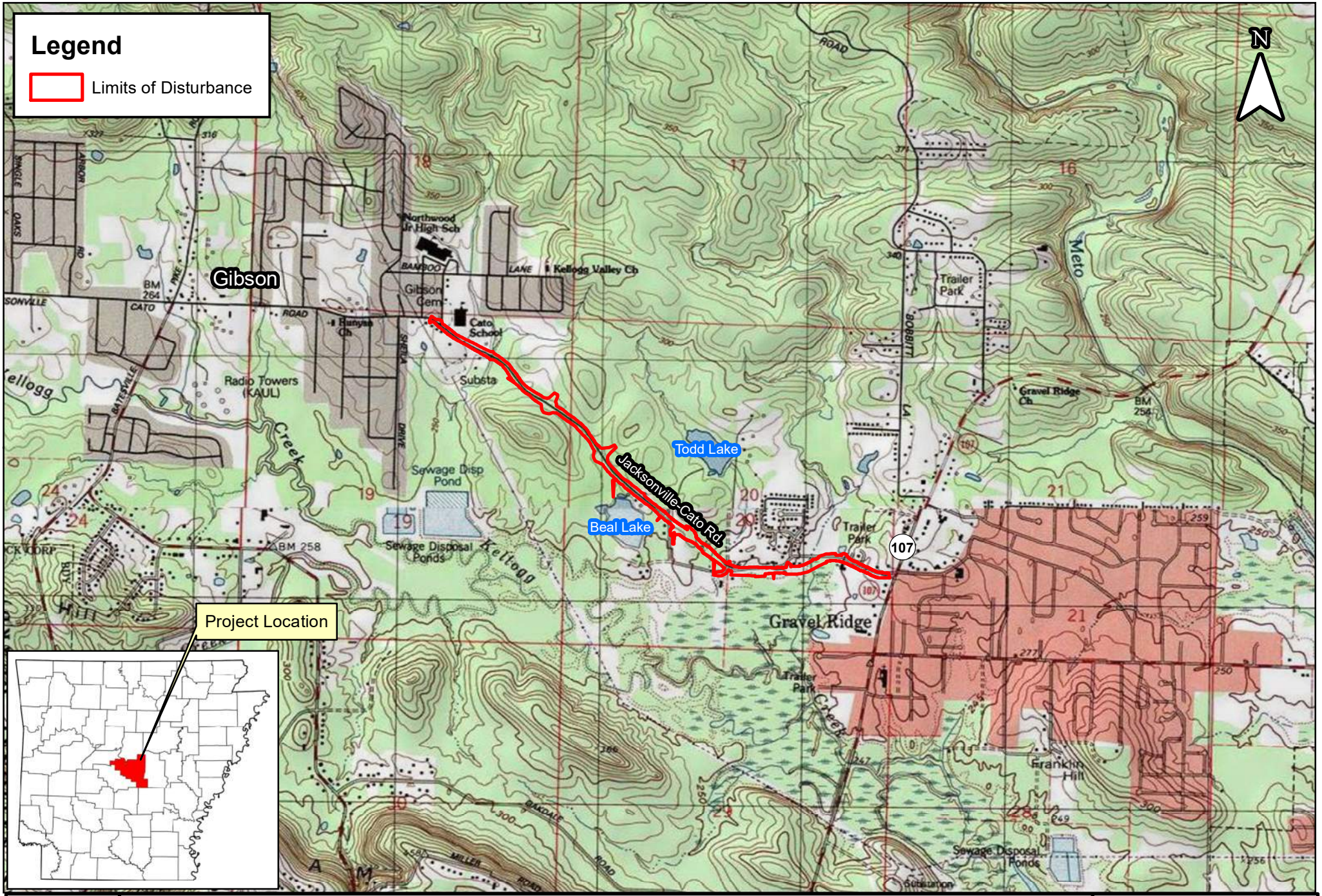
0 275 550 1,100 Feet

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.)



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SITE LOCATION MAP

Jacksonville-Cato Road Street and Drainage Improvements

Sherwood, Pulaski County, Arkansas

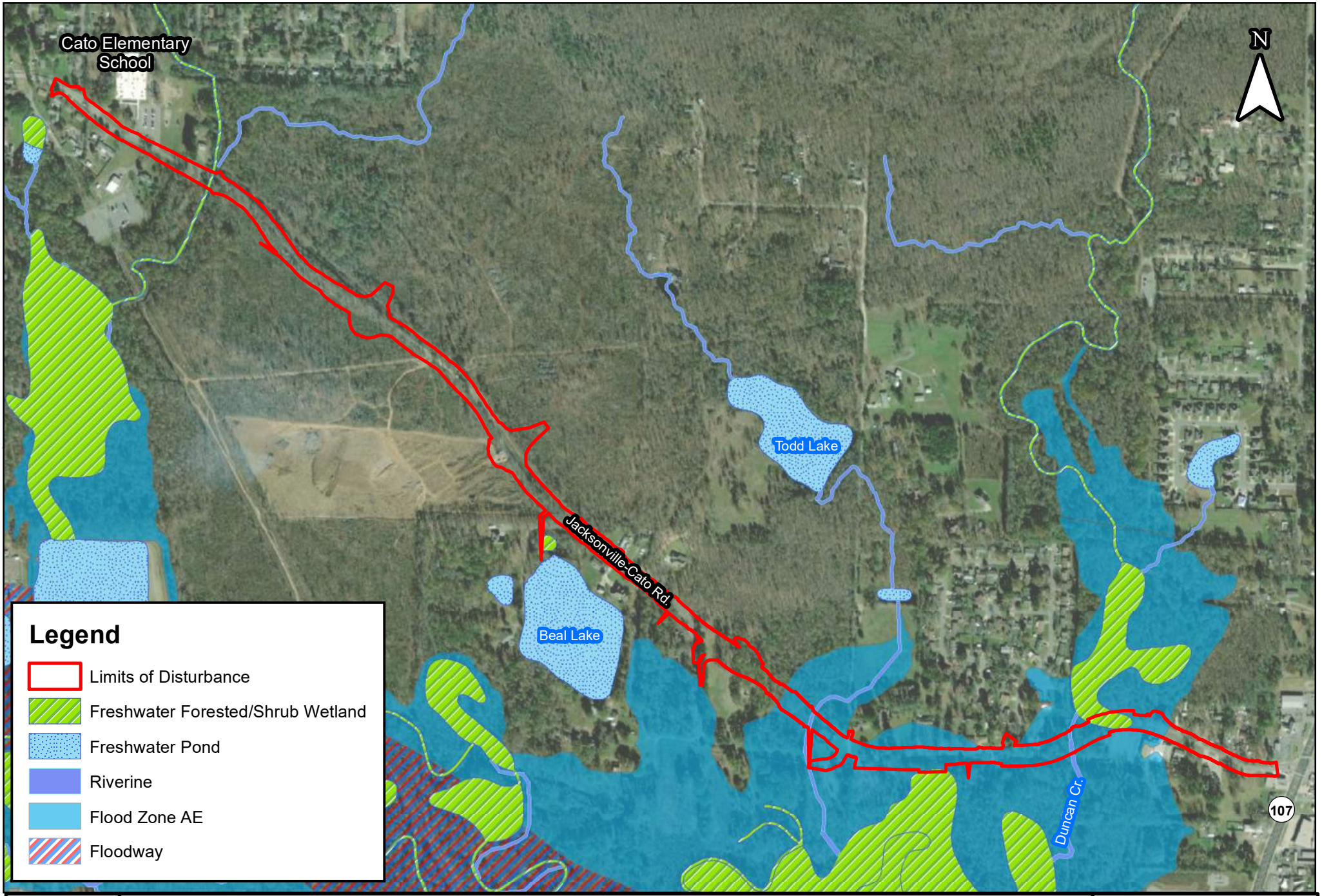
USGS Topographic Map; ESRI GIS INFORMATION

Start: Lat: 34.883434°
Long: -92.221510°

End: Lat: 34.872075°
Long: -92.196751°

0 0.25 0.5
Miles

Figure 1



GARVER

NWI WETLAND & FEMA FLOOD MAP

Jacksonville-Cato Road Street and Drainage Improvements

Sherwood, Pulaski County, Arkansas

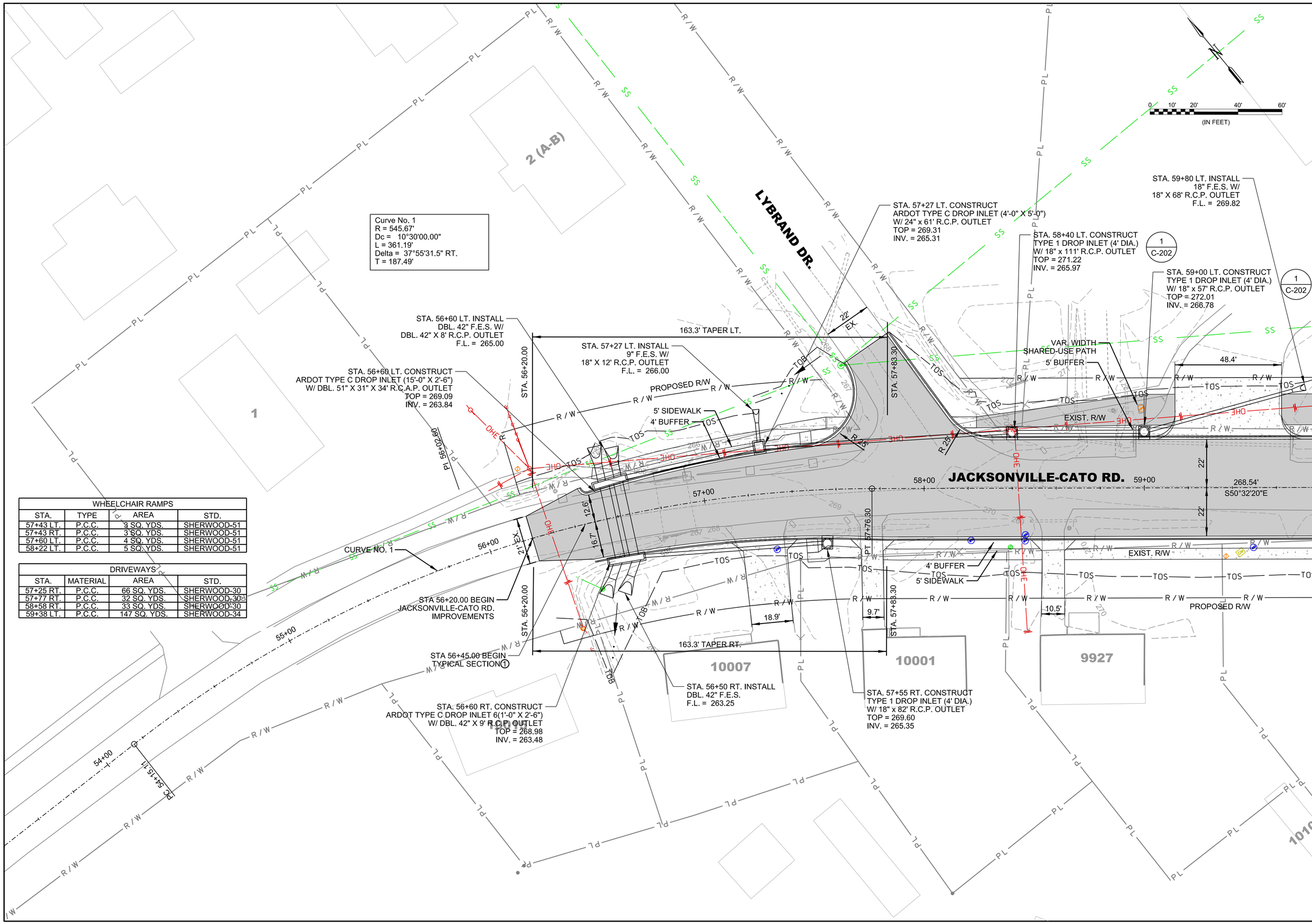
2020 ESRI Aerial Imagery; ESRI GIS INFORMATION

Start: Lat: 34.883434°
Long: -92.221510°

End: Lat: 34.872075°
Long: -92.196751°

0 500 1,000
Feet

Figure 4



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

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PRELIMINARY DESIGN (50%)
NOT FOR CONSTRUCTION

REV.	DATE	DESCRIPTION	BY

CITY OF SHERWOOD
PULASKI COUNTY, ARKANSAS

Figure 5

JACKSONVILLE-CATO ROAD
STREET AND DRAINAGE
IMPROVEMENTS - PHASE I

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

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

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

DRAWING NUMBER
C-601

SHEET NUMBER

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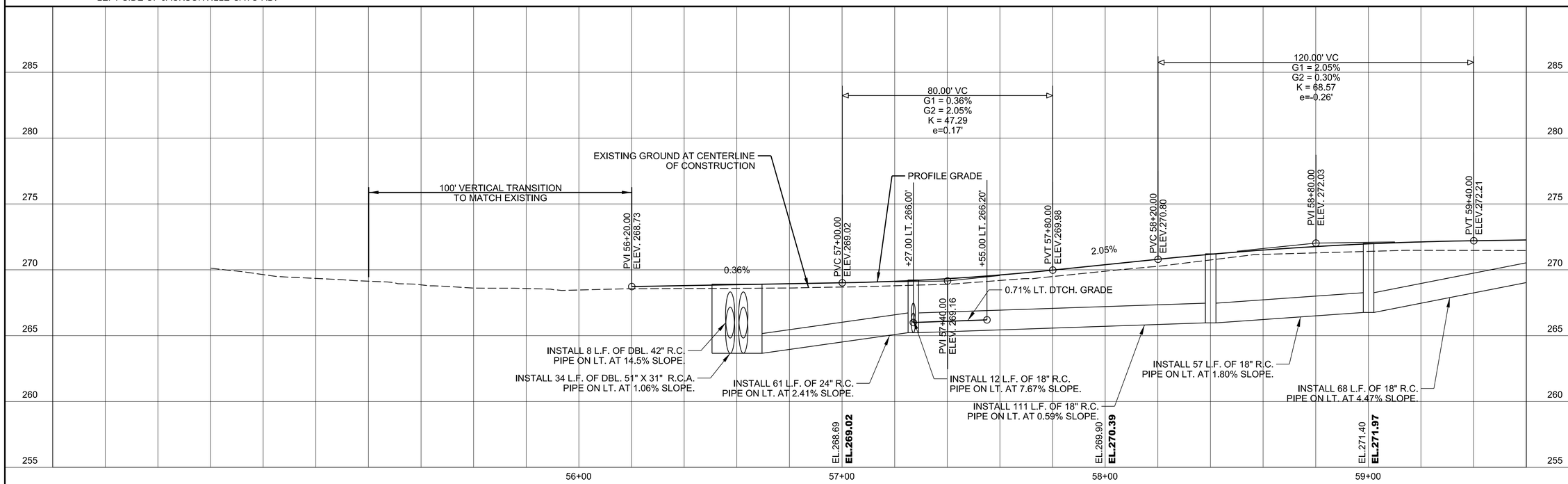
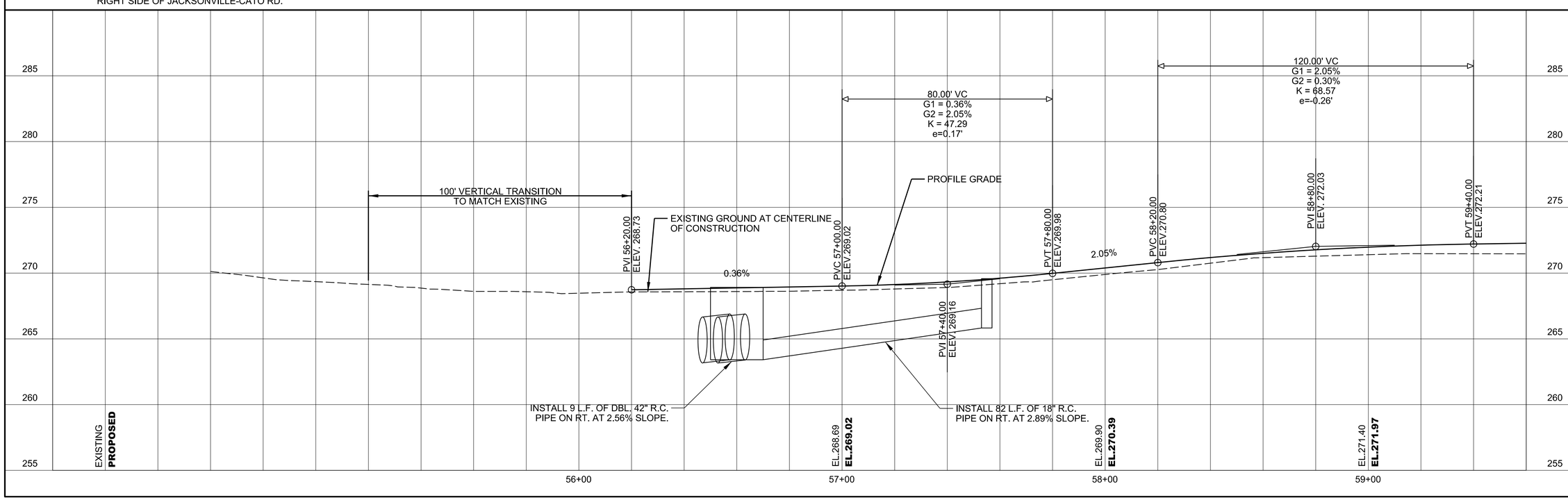
LEFT SIDE OF JACKSONVILLE-CATO RD.



RIGHT SIDE OF JACKSONVILLE-CATO RD.



EXISTING
PROPOSED

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PULASKI COUNTY, ARKANSAS

JACKSONVILLE-CATO ROAD
STREET AND DRAINAGE
IMPROVEMENTS - PHASE I

JACKSONVILLE-CATO
PROFILE
ROADWAY
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"
IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY.

DRAWING NUMBER
C-602

SHEET NUMBER

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WORKSPACE:Garver_2012
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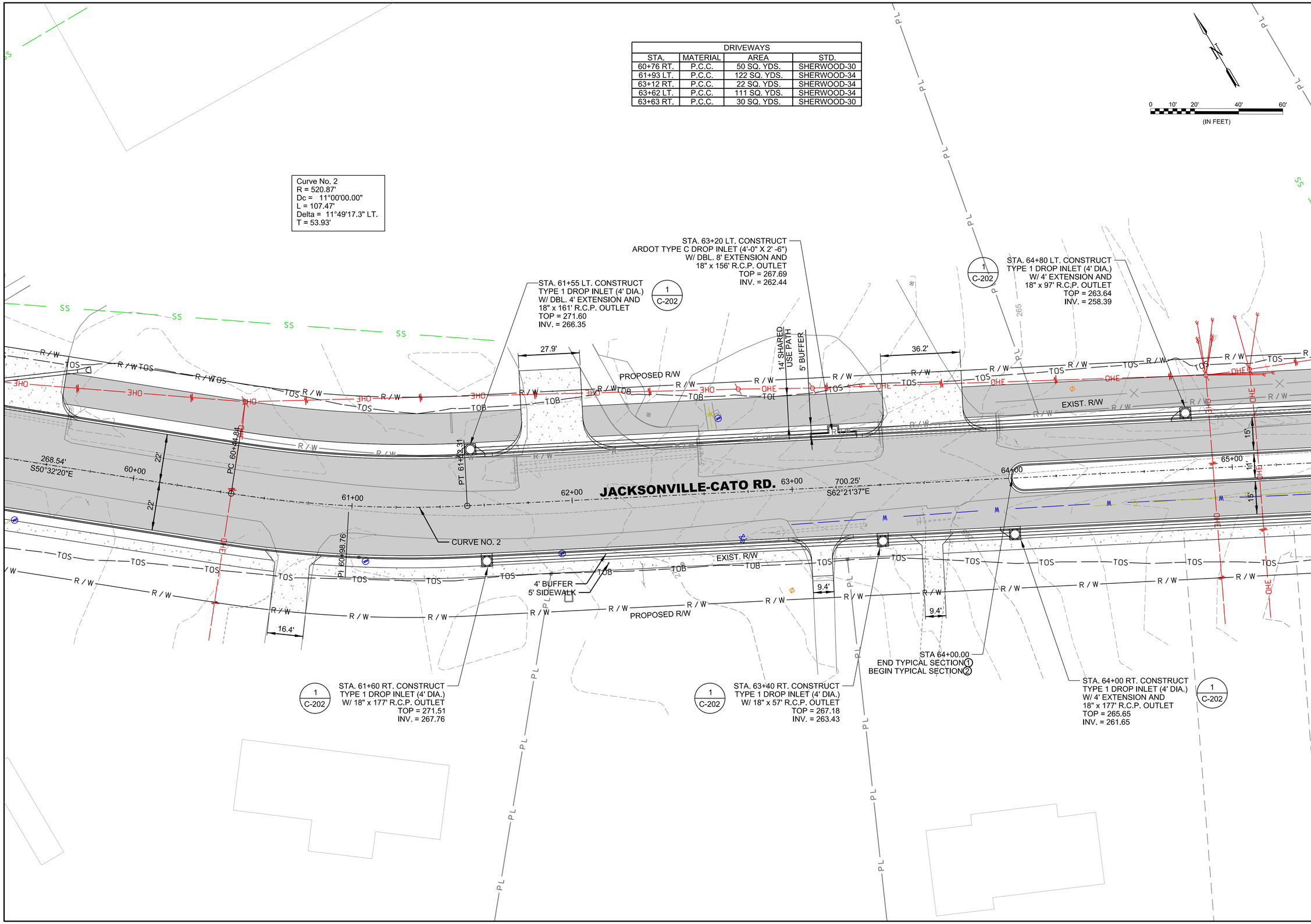
DRIVEWAYS			
STA.	MATERIAL	AREA	STD.
60+76 RT.	P.C.C.	50 SQ. YDS.	SHERWOOD-30
61+93 LT.	P.C.C.	122 SQ. YDS.	SHERWOOD-34
63+12 RT.	P.C.C.	22 SQ. YDS.	SHERWOOD-34
63+62 LT.	P.C.C.	111 SQ. YDS.	SHERWOOD-34
63+63 RT.	P.C.C.	30 SQ. YDS.	SHERWOOD-30



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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 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
0 1"
IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY.

DRAWING NUMBER
C-603
SHEET NUMBER

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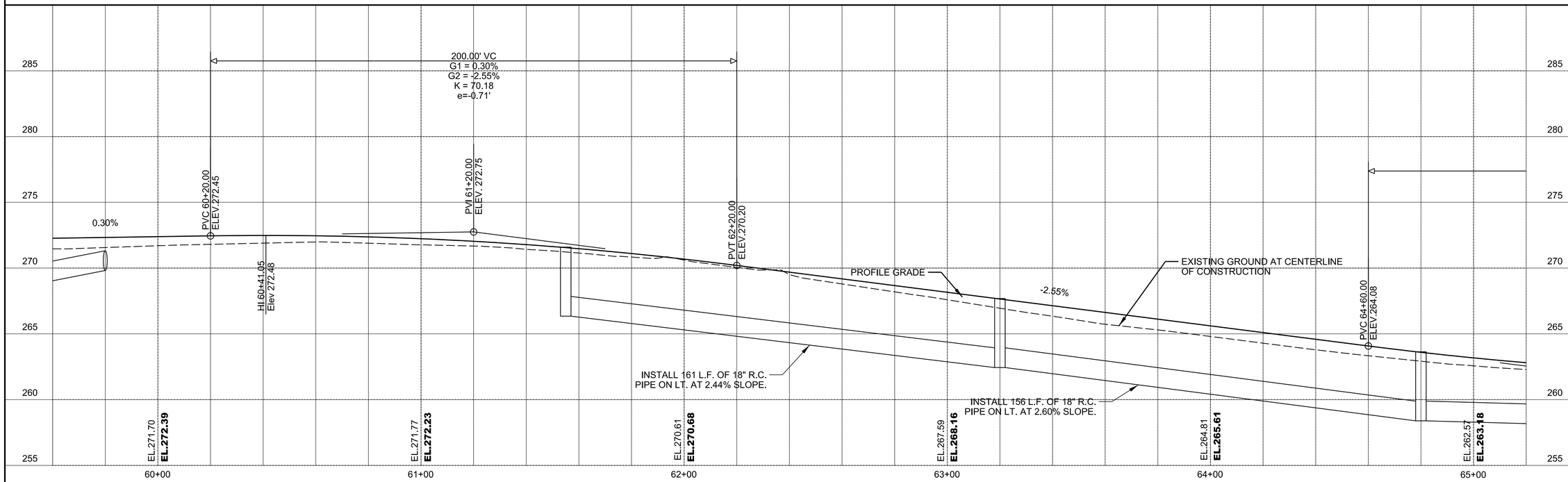
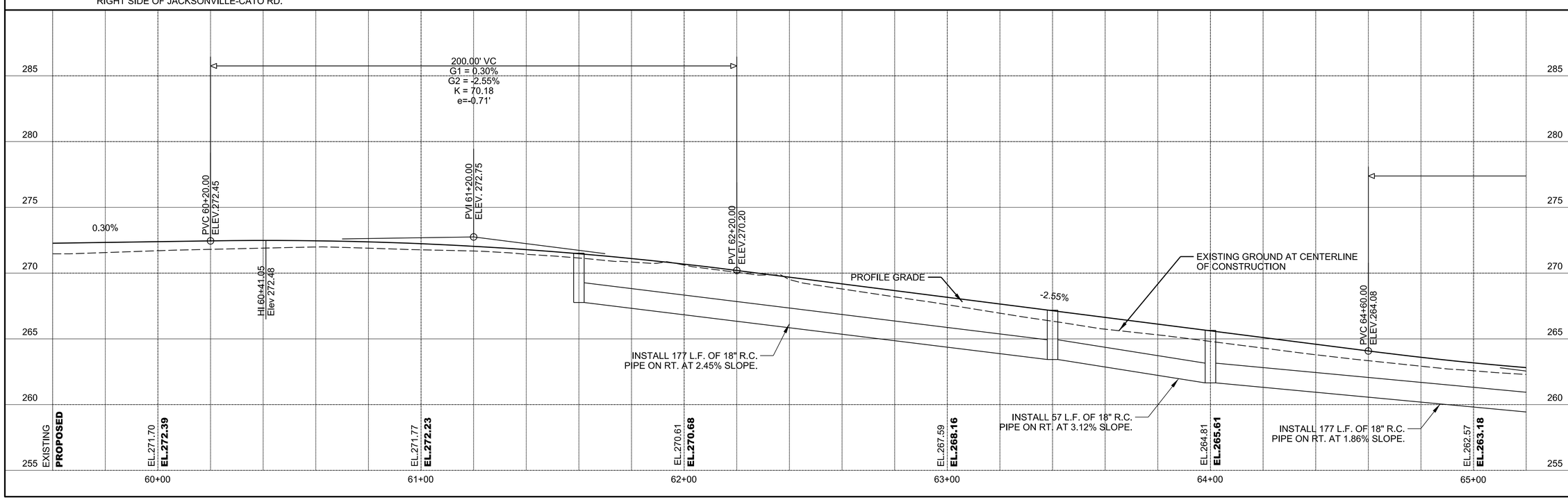


RIGHT SIDE OF JACKSONVILLE-CATO RD.



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CITY OF SHERWOOD
PULASKI COUNTY, ARKANSAS

JACKSONVILLE-CATO ROAD
STREET AND DRAINAGE
IMPROVEMENTS - PHASE I

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

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

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0 1"
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DRAWING NUMBER
C-604

SHEET NUMBER

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WORKSPACE:Garver_2012
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STA. 65+80 LT. CONSTRUCT
TYPE 1 DROP INLET (4' DIA.)
W/ 18" x 52' R.C.P. OUTLET
TOP = 262.10
INV. = 257.85

1 / C-202

STA. 66+35 LT. CONSTRUCT
TYPE 1 DROP INLET (4' DIA.)
W/ DBL. 4' EXTENSION AND
18" x 62' R.C.P. OUTLET
TOP = 261.88
INV. = 257.38

1 / C-202

Curve No. 3
R = 636.62'
Dc = 9°00'00.00"
L = 284.60'
Delta = 25°36'49.8" RT.
T = 144.72'

STA. 67+00 LT. CONSTRUCT
TYPE 1 DROP INLET (4' DIA.)
W/ 18" x 28' R.C.P. OUTLET
TOP = 262.06
INV. = 256.81

1 / C-202

STA. 68+00 LT. CONSTRUCT
TYPE 1 DROP INLET (4' DIA.)
ON BOX CULVERT
TOP = 262.41

1 / C-202

STA. 69+00 LT. CONSTRUCT
TYPE 1 DROP INLET (4' DIA.)
W/ 4' EXTENSION AND
18" x 79' R.C.P. OUTLET
TOP = 262.53
INV. = 258.78

1 / C-202

STA 69+74.50
END TYPICAL SECTION 1
BEGIN TYPICAL SECTION 2

STA. 70+00 LT. CONSTRUCT
TYPE 1 DROP INLET (4' DIA.)
W/ 18" x 101' R.C.P. OUTLET
TOP = 264.91
INV. = 261.16

1 / C-202

0 10' 20' 40' 60'
(IN FEET)

JACKSONVILLE-CATO RD.

CURVE NO. 3

PC 68+52.56

700.26'
332°21'37"

14' SHARED USE PATH
5' BUFFER

PROPOSED R/W

EXIST. R/W

4' BUFFER
5' SIDEWALK

STA 67+10.00
END TYPICAL SECTION 1
BEGIN TYPICAL SECTION 2

67+00 RT. CONSTRUCT
TYPE 1 DROP INLET (4' DIA.)
W/ 18" x 40' R.C.P. OUTLET
TOP = 262.06
INV. = 257.56

1 / C-202

STA. 69+00 RT. CONSTRUCT
TYPE 1 DROP INLET (4' DIA.)
W/ 18" x 62' R.C.P. OUTLET
TOP = 262.53
INV. = 258.78

1 / C-202

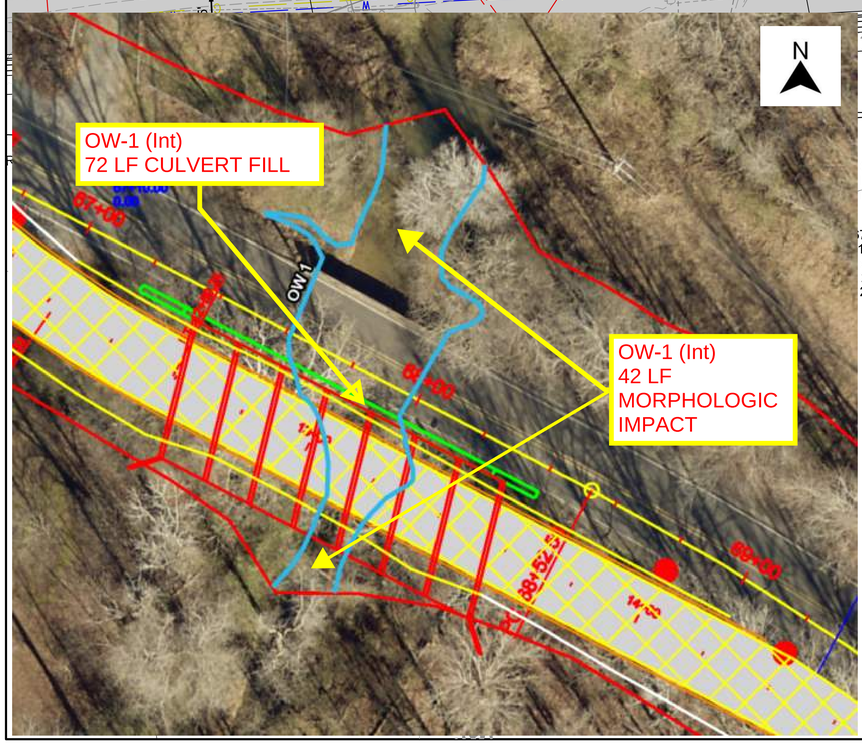
STA. 70+00 RT. CONSTRUCT
TYPE 1 DROP INLET (4' DIA.)
W/ 18" x 93' R.C.P. OUTLET
TOP = 264.91
INV. = 261.16

1 / C-202

STA. 68+00 RT. CONSTRUCT
TYPE 1 DROP INLET (4' DIA.)
ON BOX CULVERT
TOP = 262.41

1 / C-202

STA 67+82 CONSTRUCT
HEPT. 12' X 4' X 97' R.C. BOX CULVERT
W/ 3:1 WINGS LT. AND RT.
Q25= 2100 CFS, D.A. = 706 ACRES
F.L. IN = 255.50
F.L. OUT = 255.00



DRIVEWAYS			
STA.	MATERIAL	AREA	STD.
66+05 RT.	P.C.C.	64 SQ. YDS.	1 (C-214)
66+76 LT.	P.C.C.	82 SQ. YDS.	SHERWOOD-34
66+76 RT.	P.C.C.	75 SQ. YDS.	2 (C-214)

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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. 65+20 TO
STA 70+80
(SHEET 5 OF 20)

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

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0 1"
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DRAWING NUMBER
C-605

SHEET NUMBER

AMWeiner 5/31/2021 8:34:01 PM
WORKSPACE:Garver_2012
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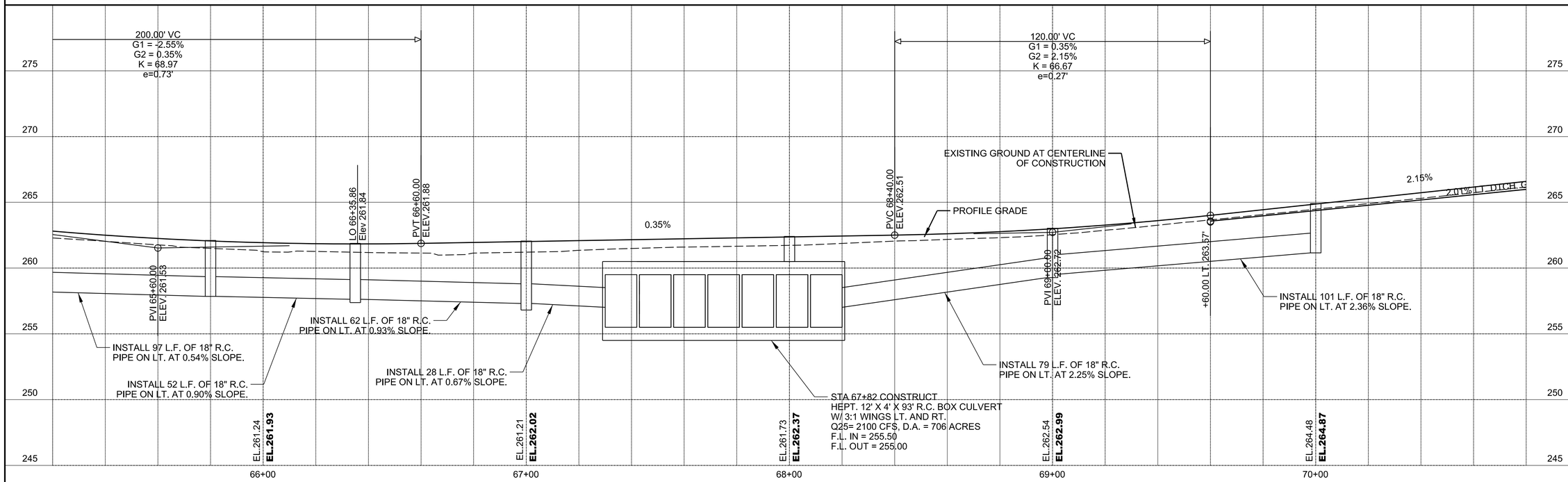
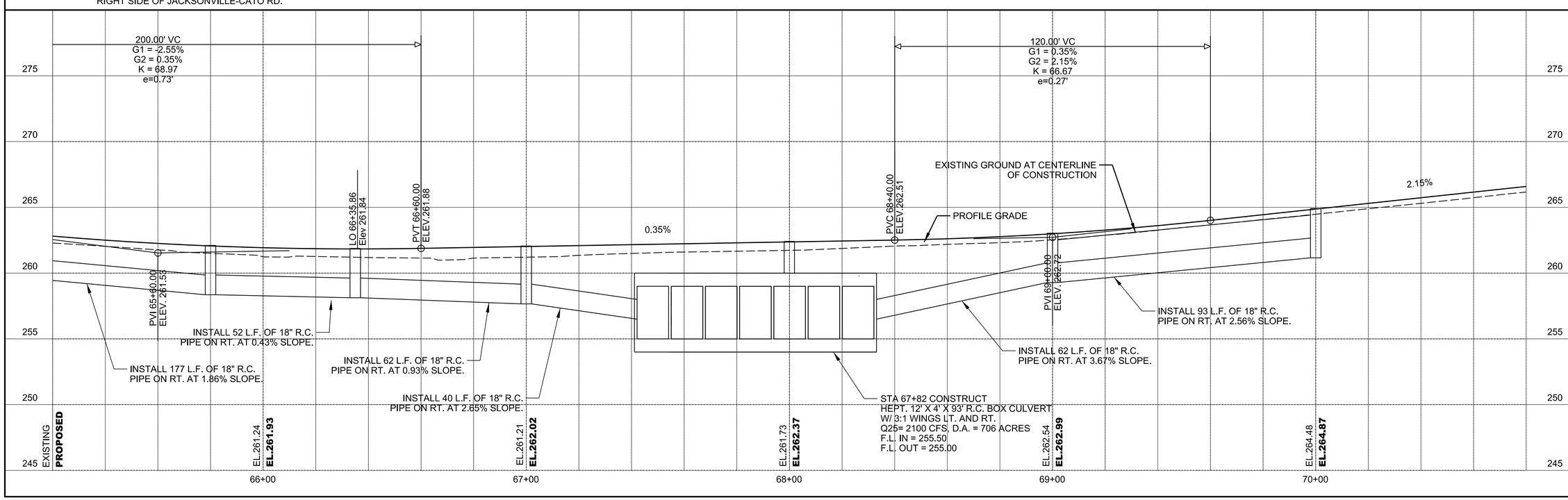


RIGHT SIDE OF JACKSONVILLE-CATO RD.



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PULASKI COUNTY, ARKANSAS

JACKSONVILLE-CATO ROAD
STREET AND DRAINAGE
IMPROVEMENTS - PHASE I

JACKSONVILLE-CATO
PROFILE
ROADWAY
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"
IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY.

DRAWING NUMBER
C-606
SHEET NUMBER

AMWelner 5/31/2021 8:34:02 PM
WORKSPACE:Garver_2012
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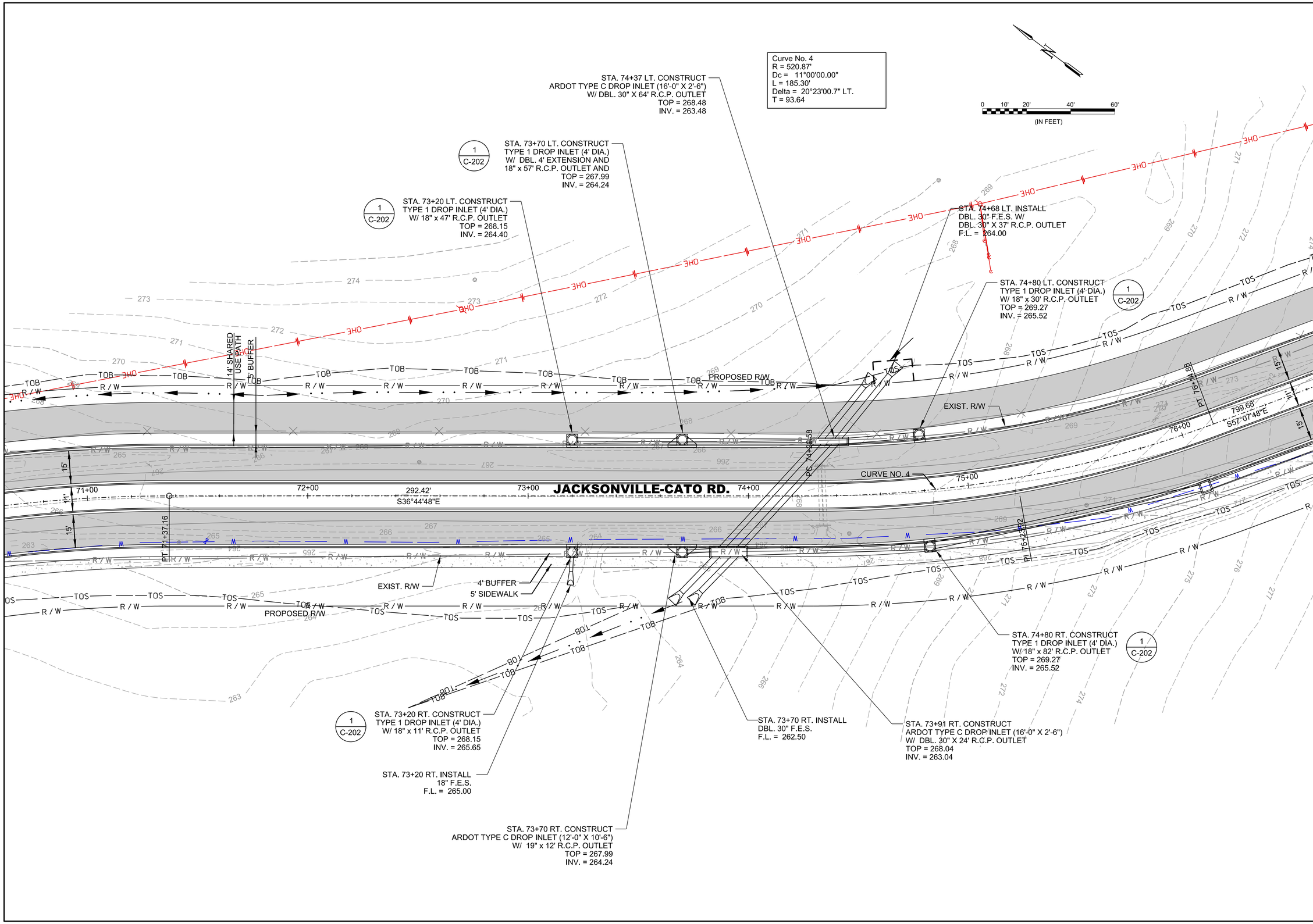

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PRELIMINARY DESIGN (50%)
NOT FOR CONSTRUCTION

REV.	DATE	DESCRIPTION	BY

CITY OF SHERWOOD
PULASKI COUNTY, ARKANSAS

JACKSONVILLE-CATO ROAD
STREET AND DRAINAGE
IMPROVEMENTS - PHASE I

JACKSONVILLE-CATO
PLAN 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

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

DRAWING NUMBER
C-607

SHEET NUMBER

AMWeiner 5/31/2021 8:34:03 PM
WORKSPACE:Garver_2012
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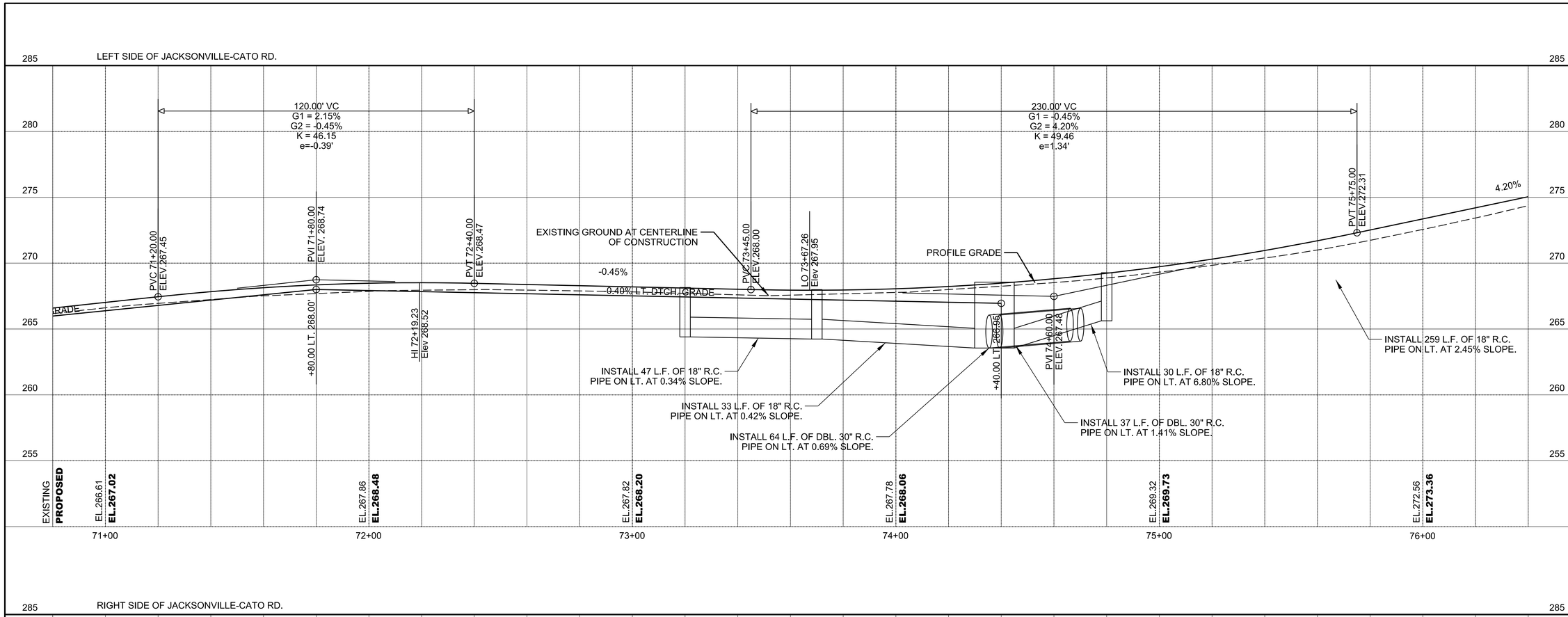

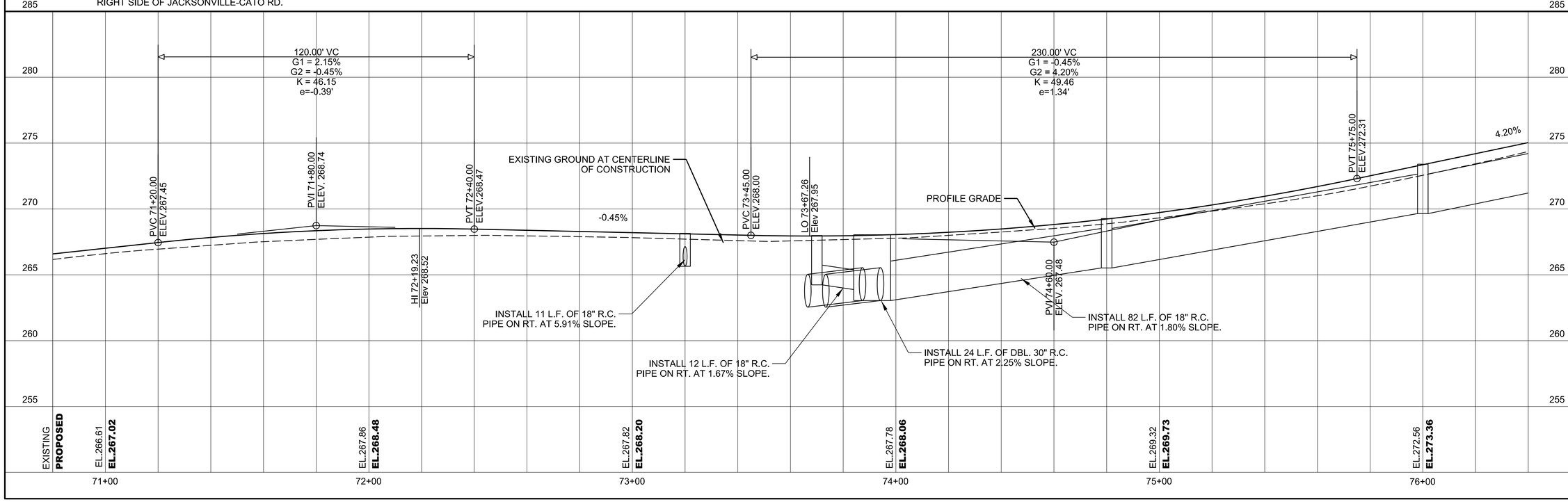

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PRELIMINARY DESIGN (50%)
NOT FOR CONSTRUCTION

REV.	DATE	DESCRIPTION	BY

CITY OF SHERWOOD
PULASKI COUNTY, ARKANSAS

JACKSONVILLE-CATO ROAD
STREET AND DRAINAGE
IMPROVEMENTS - PHASE I

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

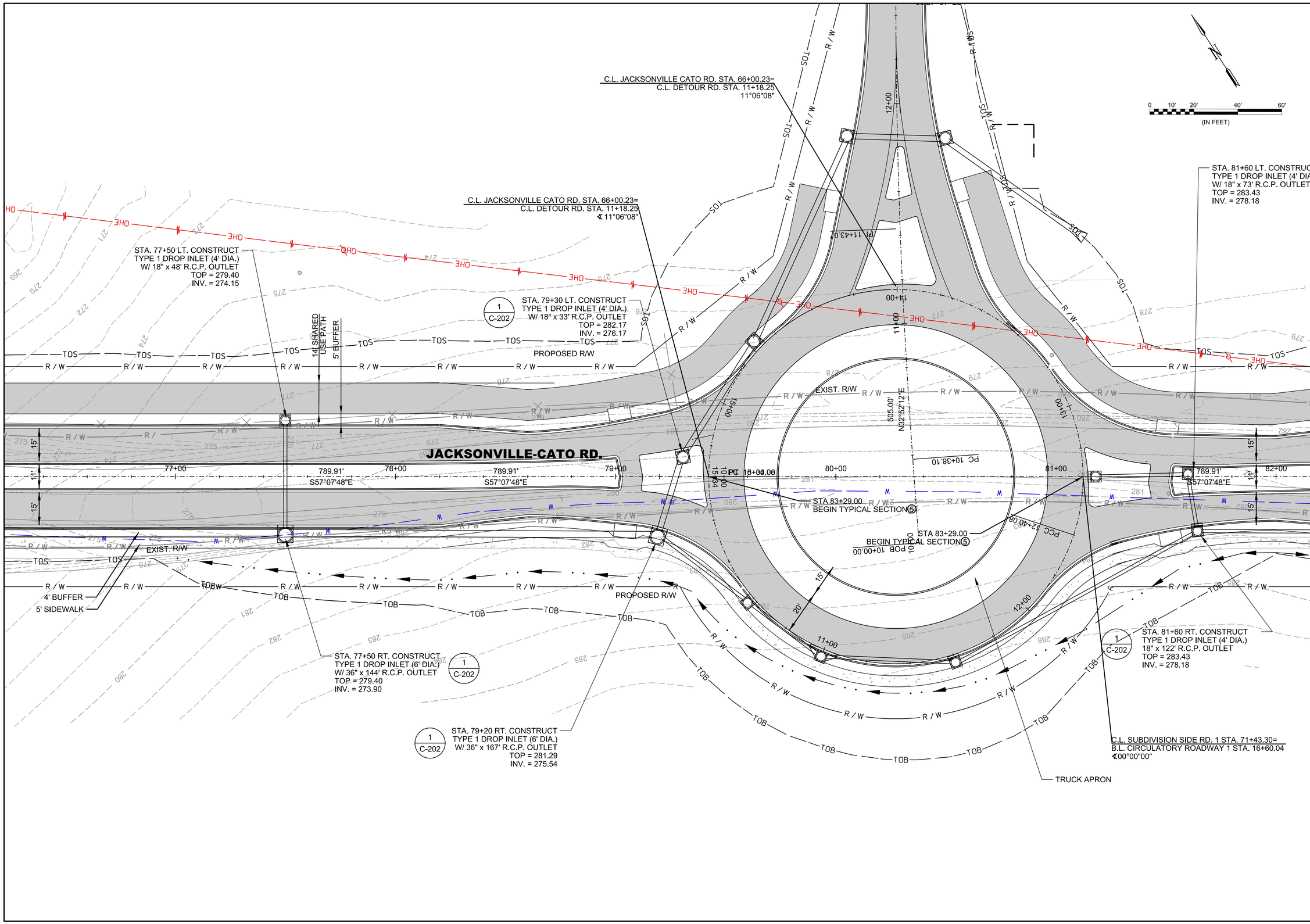
JOB NO.: 18017190
DATE: APRIL 2021
DESIGNED BY: CMC
DRAWN BY: AMW

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

DRAWING NUMBER
C-608

SHEET NUMBER

AMWeiner 5/31/2021 8:34:04 PM
WORKSPACE:Garver_2012
L:\2018\18017190 - Sherwood - Jacksonville Cato\Drawings_Phase 1\SJC-C608-PP.dgn



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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. 76+40 TO
STA 82+00
(SHEET 9 OF 20)

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

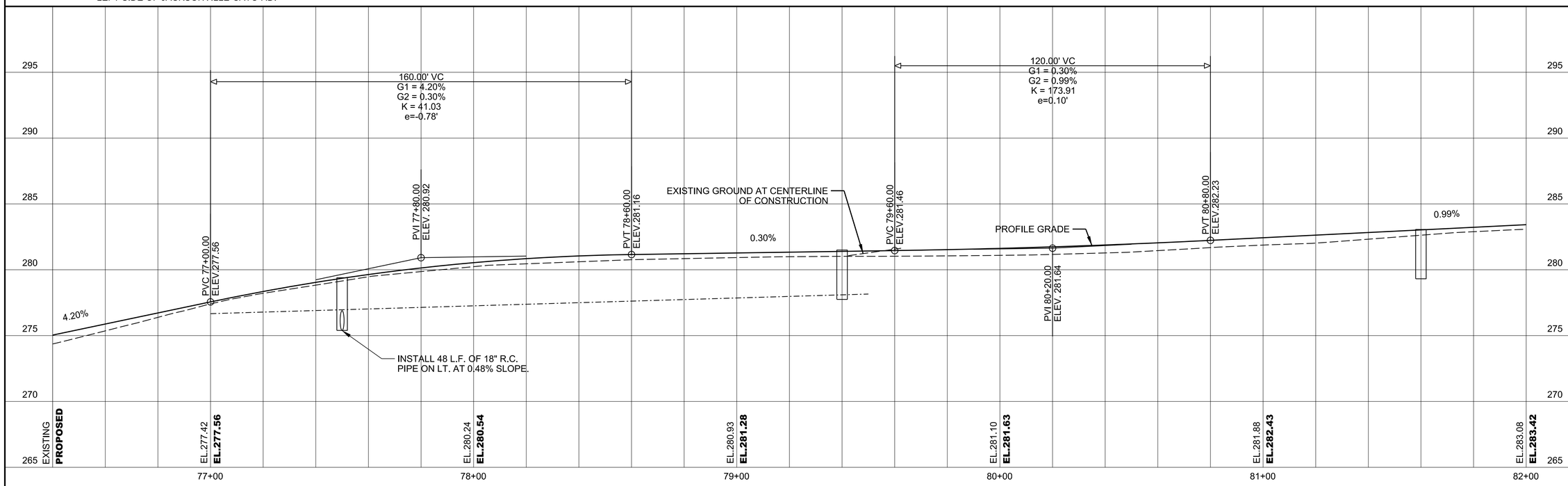
BAR IS ONE INCH ON ORIGINAL DRAWING
0 1"
IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY.

DRAWING NUMBER
C-609

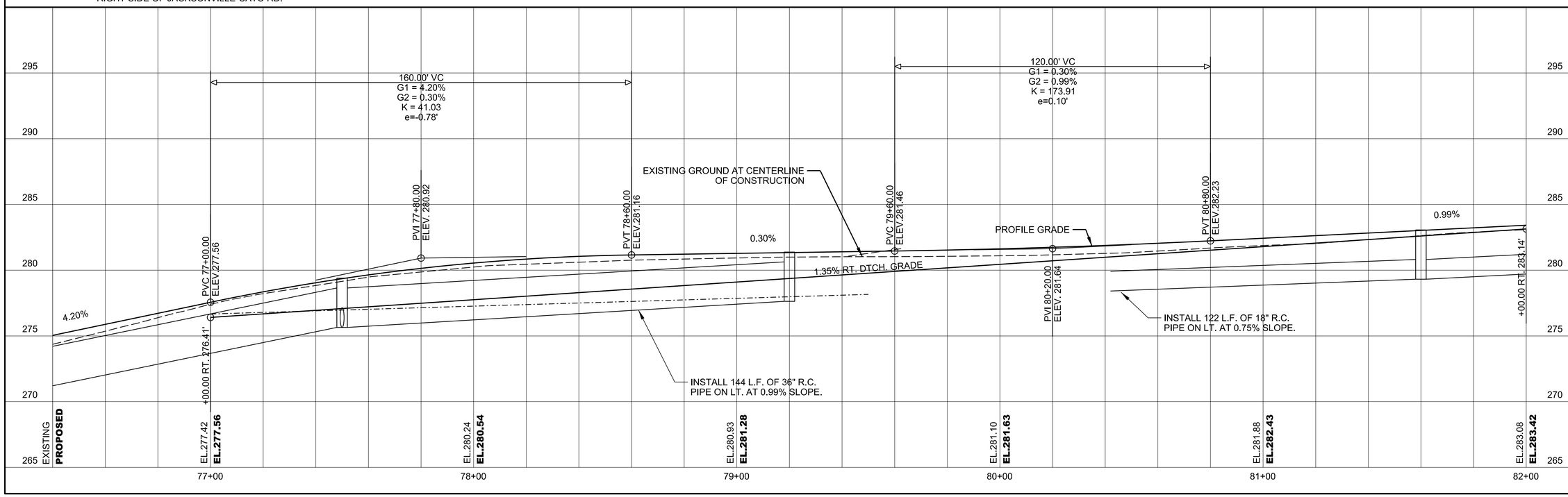
SHEET NUMBER

AMWeiner 5/31/2021 8:34:05 PM
WORKSPACE:Garver_2012
L:\2018\18017190 - Sherwood - Jacksonville Cato\Drawings_Phase 1\SJC-C609-PP.dgn

LEFT SIDE OF JACKSONVILLE-CATO RD.



RIGHT SIDE OF JACKSONVILLE-CATO RD.



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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
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

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

DRAWING NUMBER
C-610

SHEET NUMBER

AMWelner 5/31/2021 8:34:06 PM
WORKSPACE:Garver_2012
L:\2018\18017190 - Sherwood - Jacksonville Cato\Drawings_Phase 1\SJC-C610-PP.dgn

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

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

0 10' 20' 40' 60'
(IN FEET)

STA. 82+50 LT. CONSTRUCT
TYPE 1 DROP INLET (4' DIA.)
W/ 4' EXTENSION AND
18" x 47' R.C.P. OUTLET
TOP = 283.96
INV. = 278.71

1 C-202

STA 84+20.00
END TYPICAL SECTION 2
BEGIN TYPICAL SECTION 1

STA. 85+00 LT. CONSTRUCT
TYPE 1 DROP INLET (4' DIA.)
W/ 4' EXTENSION AND
18" x 159' R.C.P. OUTLET
TOP = 283.30
INV. = 279.55

1 C-202

STA 85+20.00
END TYPICAL SECTION 1
BEGIN TYPICAL SECTION 2

STA. 86+60 LT. CONSTRUCT
ARDOT TYPE C DROP INLET (4'-0" X 7'-0")
W/ 18" x 242' R.C.P. OUTLET
TOP = 282.10
INV. = 278.35

14' SHARED USE PATH
5' BUFFER
PROPOSED R/W
EXIST. R/W
PL 86+70.10
JACKSONVILLE-CATO RD.
CURVE NO. 5
83+00
84+00
85+00
86+00
87+00
15'
16.6'
19.9'
PROPOSED R/W

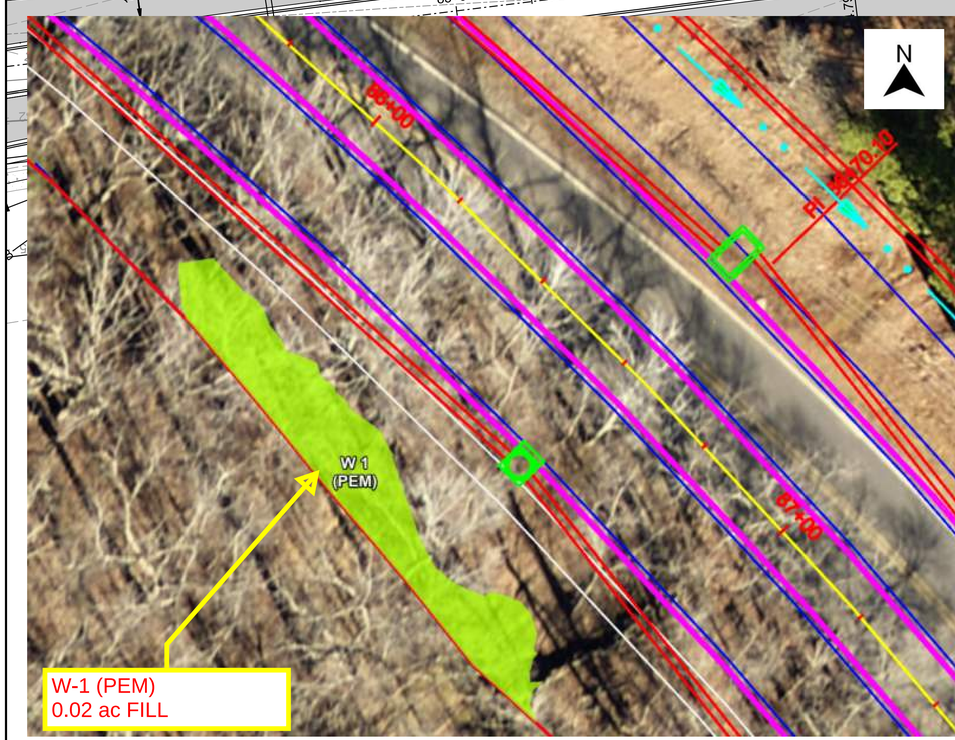
STA. 85+20 RT. CONSTRUCT
TYPE 1 DROP INLET (4' DIA.)
W/ 18" x 133' R.C.P. OUTLET
TOP = 283.15
INV. = 279.40

1 C-202

STA. 85+10 RT. INSTALL
18" F.E.S. W/
F.L. = 280.46

STA. 86+60 RT. CONSTRUCT
TYPE 1 DROP INLET (4' DIA.)
W/ 18" x 231' R.C.P. OUTLET
TOP = 282.10
INV. = 278.35

1 C-202



W-1 (PEM)
0.02 ac FILL

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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
PROFILE
ROADWAY
STA. 82+00 TO
STA 87+60
(SHEET 11 OF 20)

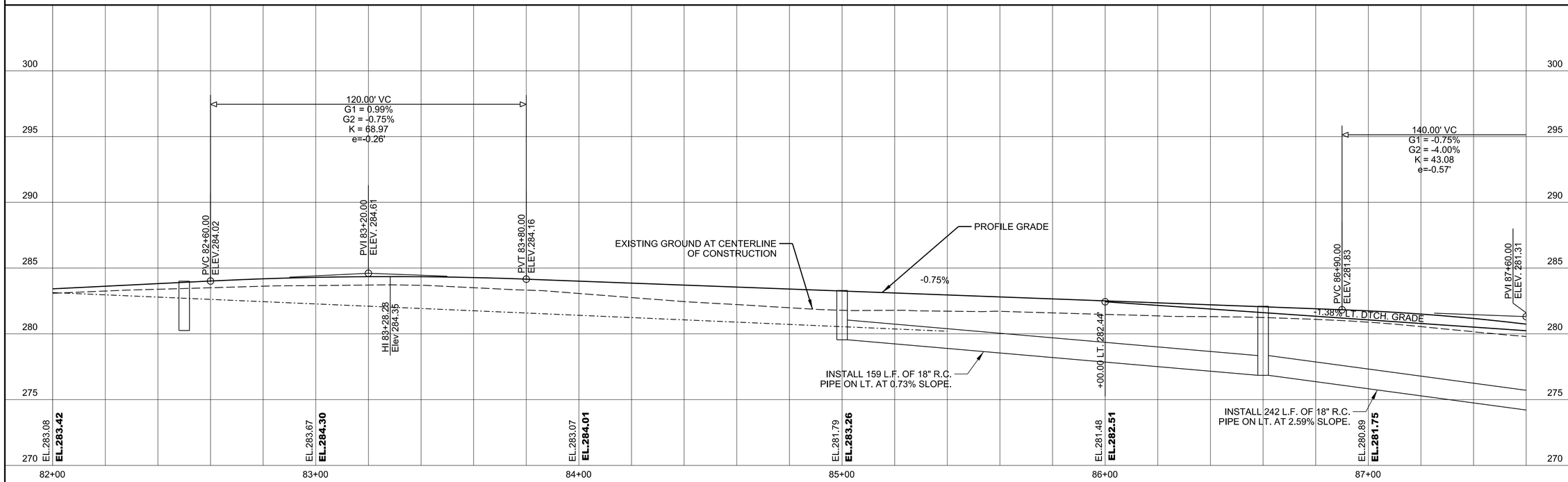
JOB NO.: 18017190
DATE: JUNE 2021
DESIGNED BY: CMC
DRAWN BY: AMW

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

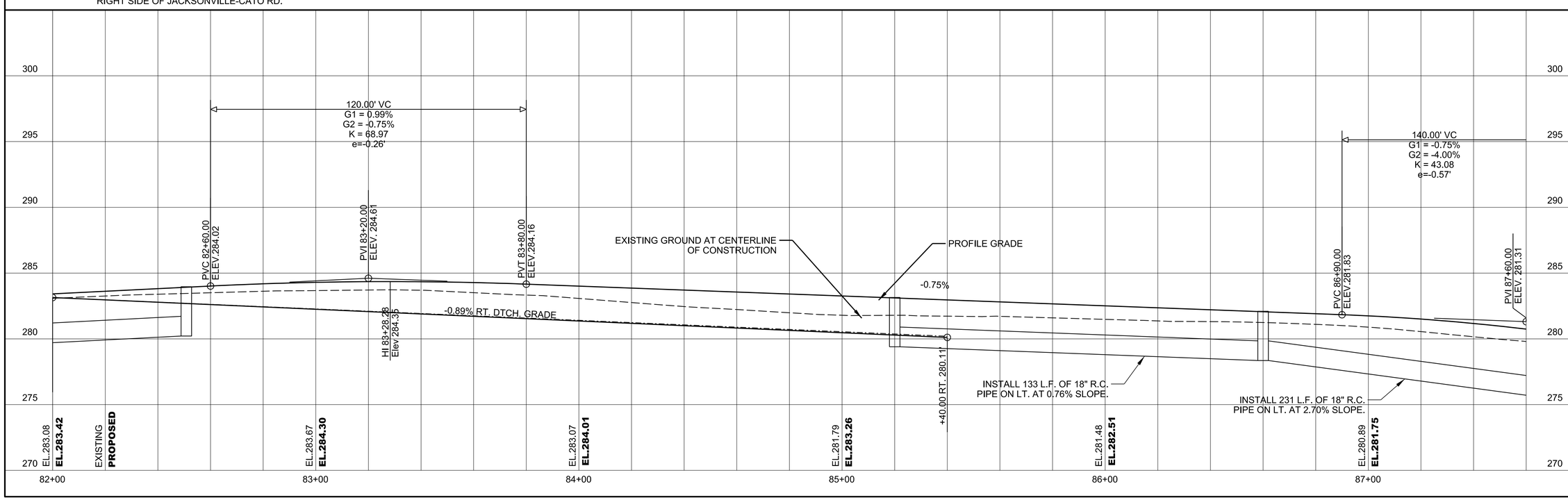
DRAWING NUMBER
C-611
SHEET NUMBER

AMWeiner 5/31/2021 8:34:07 PM
WORKSPACE:Garver, 2012
L:\2018\18017190 - Sherwood - Jacksonville Cato\Drawings_Phase 1\SJC-C611-PP.dgn

LEFT SIDE OF JACKSONVILLE-CATO RD.



RIGHT SIDE OF JACKSONVILLE-CATO RD.



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

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

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

DRAWING NUMBER
C-612

SHEET NUMBER

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WORKSPACE:Garver_2012
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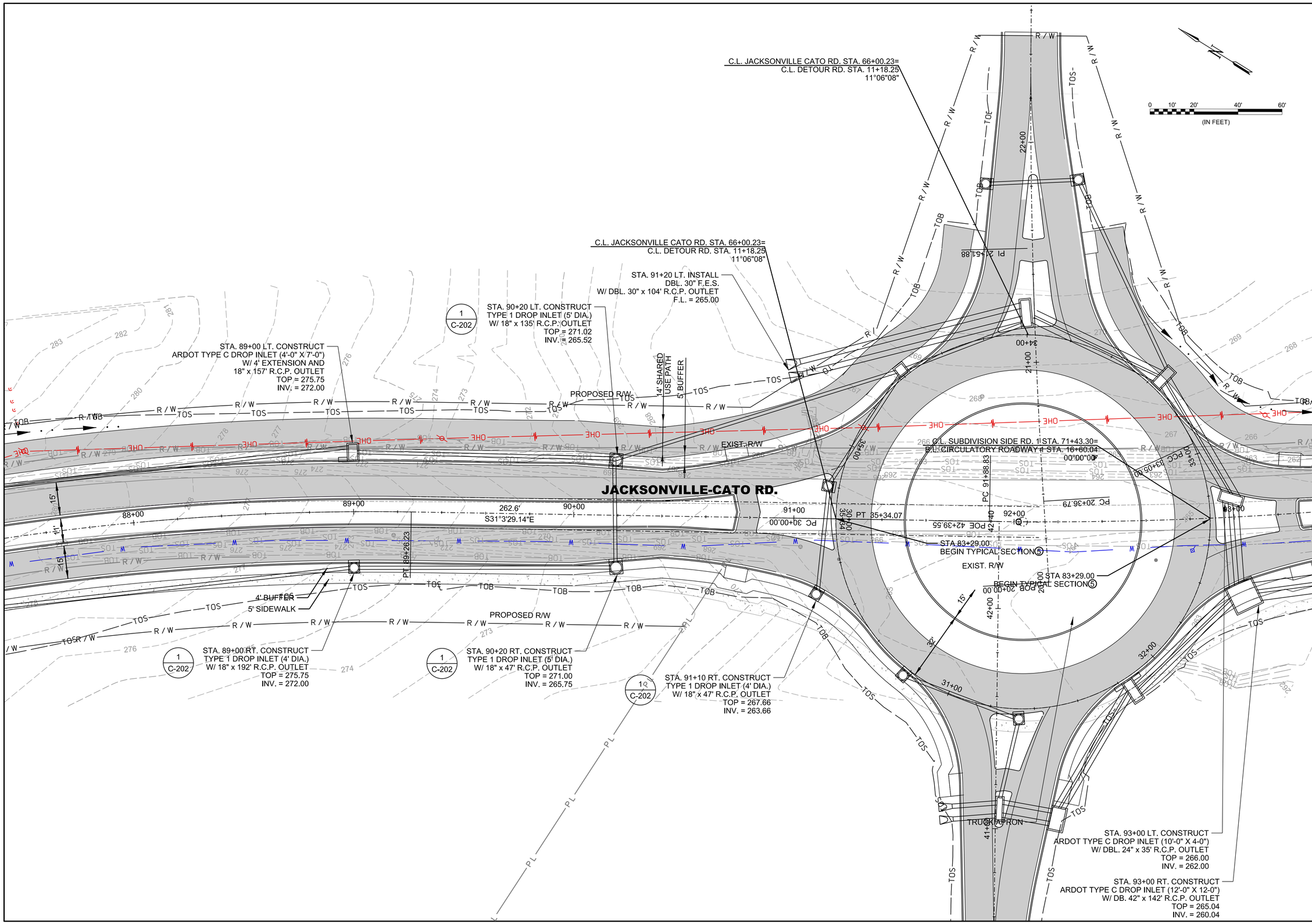

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PRELIMINARY DESIGN (50%)
NOT FOR CONSTRUCTION

REV.	DATE	DESCRIPTION	BY

CITY OF SHERWOOD
PULASKI COUNTY, ARKANSAS

JACKSONVILLE-CATO ROAD
STREET AND DRAINAGE
IMPROVEMENTS - PHASE I

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

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

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

DRAWING NUMBER
C-613

SHEET NUMBER

AMWeiner 5/31/2021 8:34:09 PM
WORKSPACE:Garver_2012
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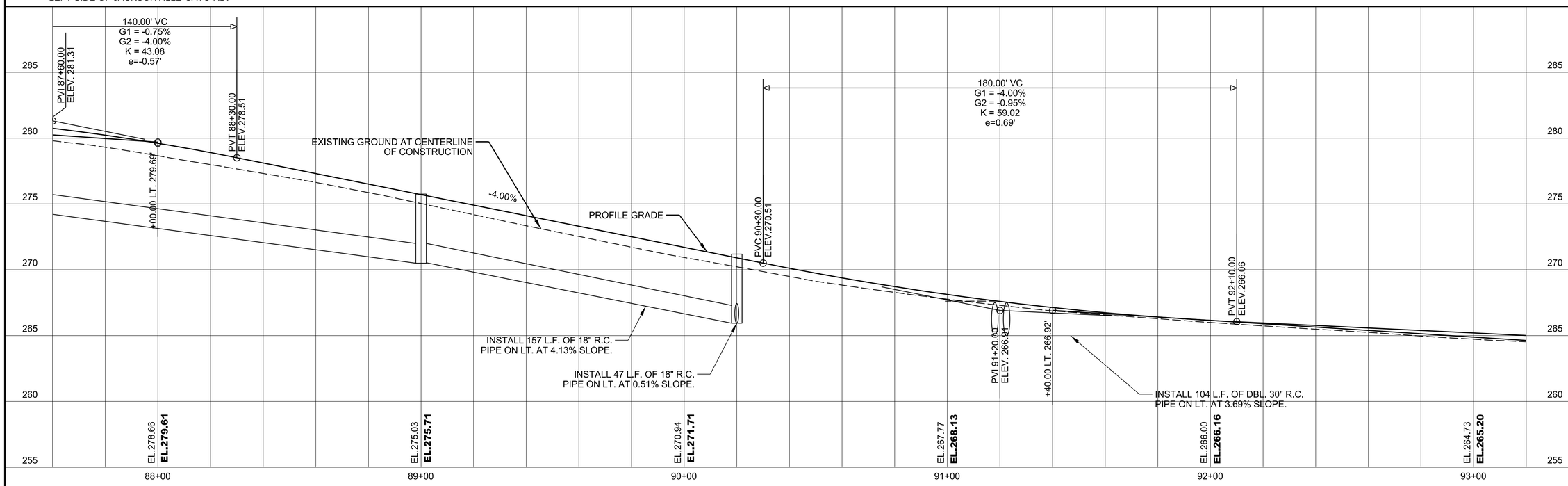
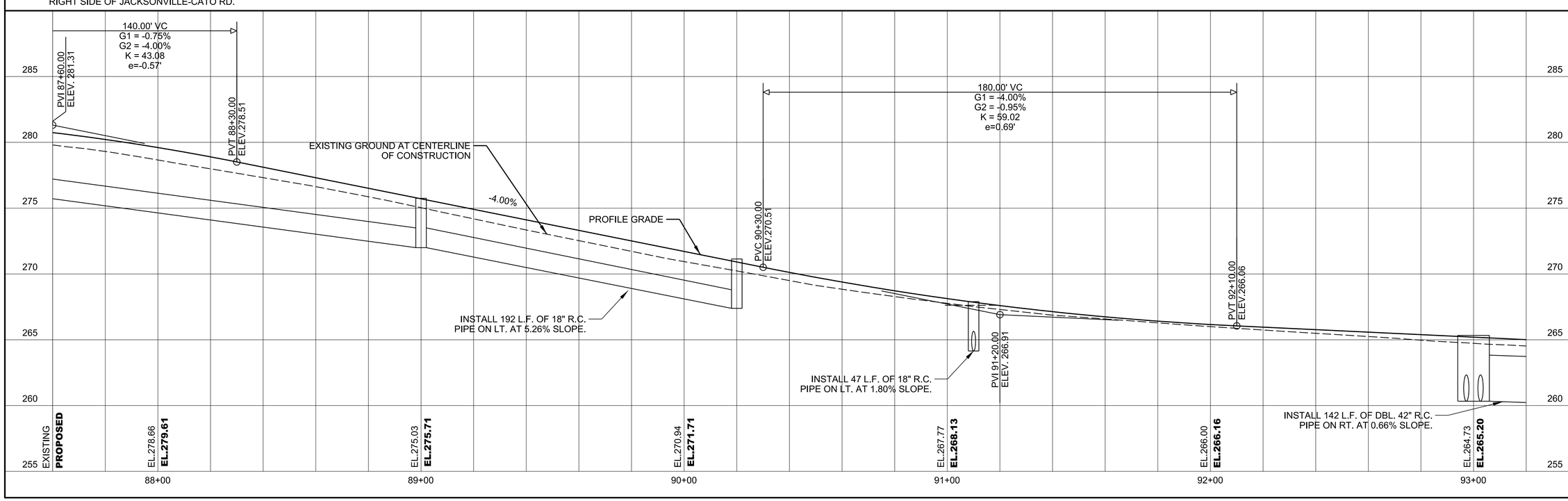
LEFT SIDE OF JACKSONVILLE-CATO RD.



RIGHT SIDE OF JACKSONVILLE-CATO RD.



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

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

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

DRAWING NUMBER
C-614

SHEET NUMBER

AMWelner 5/31/2021 8:34:10 PM
WORKSPACE:Garver_2012
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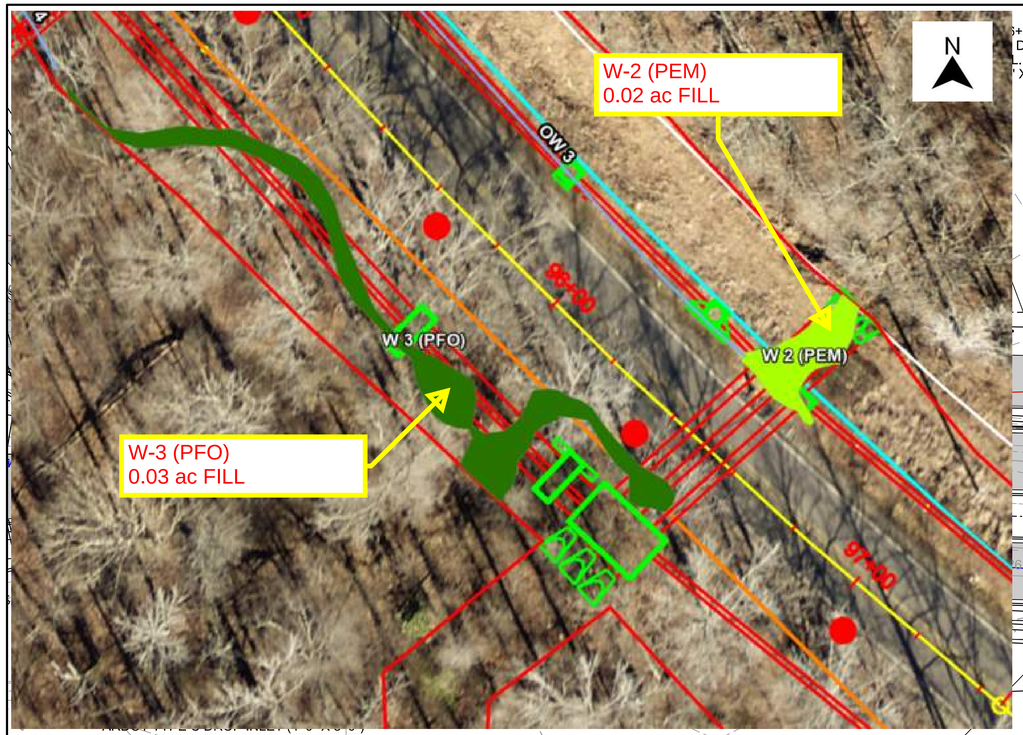

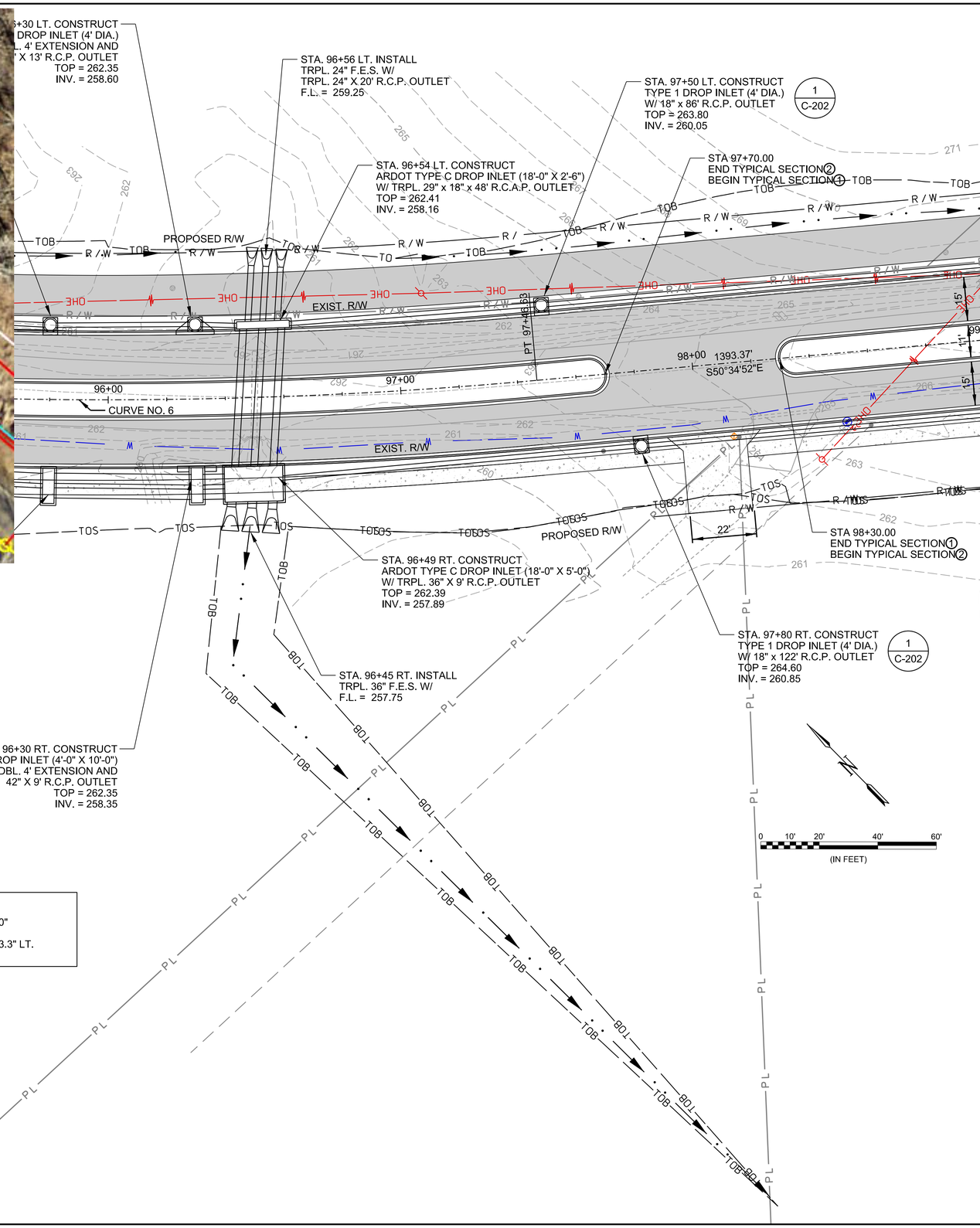

Curve No. 6
R = 1637.02'
Dc = 3°30'00.00"
L = 557.80
Delta = 19°31'23.3" LT.
T = 281.63'

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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. 93+20 TO
STA 98+80
(SHEET 15 OF 20)

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

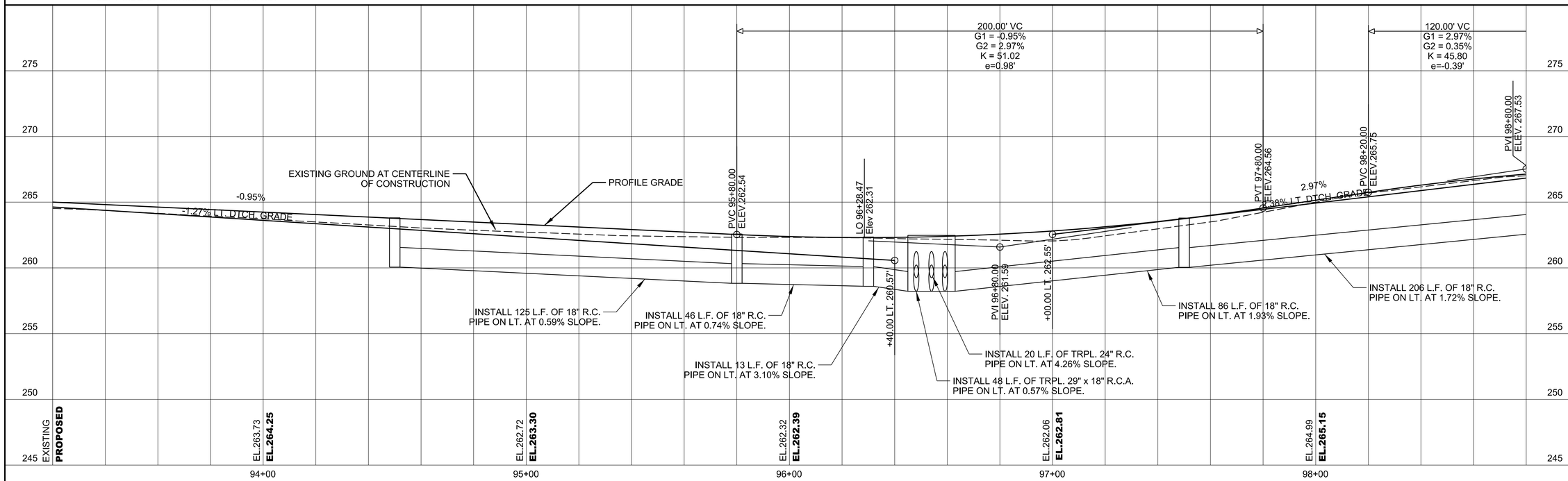
BAR IS ONE INCH ON ORIGINAL DRAWING
0 1"
IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY.

DRAWING NUMBER
C-615

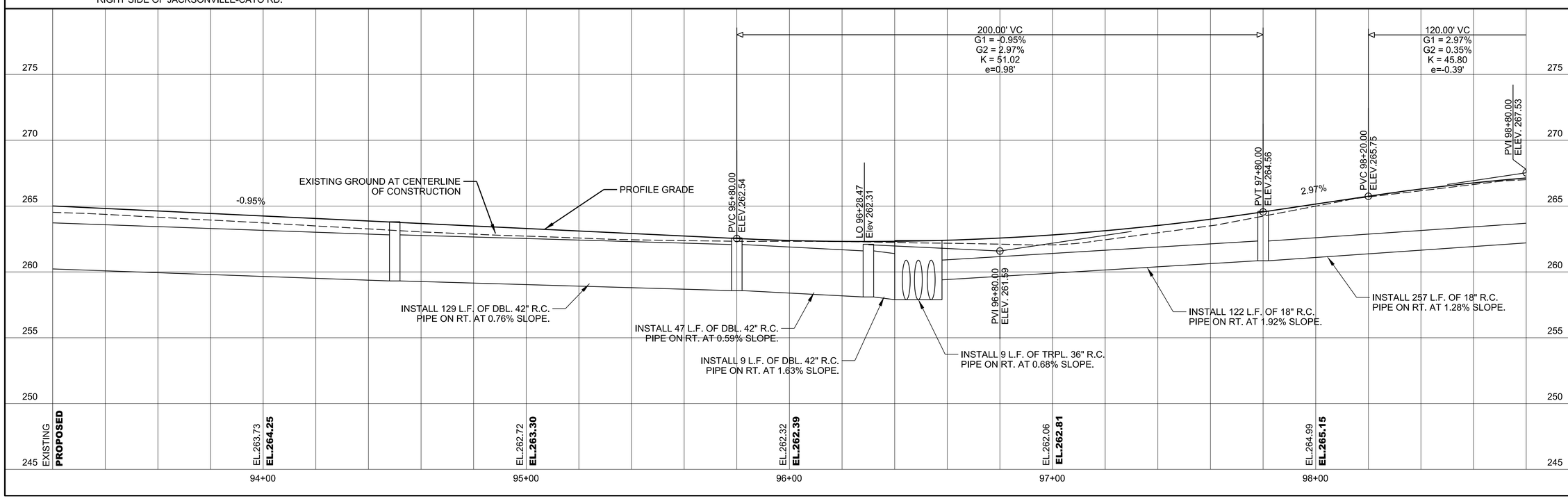
SHEET NUMBER

AMWeiner 5/31/2021 8:34:11 PM
WORKSPACE:Garver_2012
L:\2018\18017190 - Sherwood - Jacksonville Cato\Drawings_Phase 1\SJC-C615-PP.dgn

LEFT SIDE OF JACKSONVILLE-CATO RD.



RIGHT SIDE OF JACKSONVILLE-CATO RD.



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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 AND PROFILE
STA. 93+20 TO
STA 98+80
(SHEET 16 OF 20)

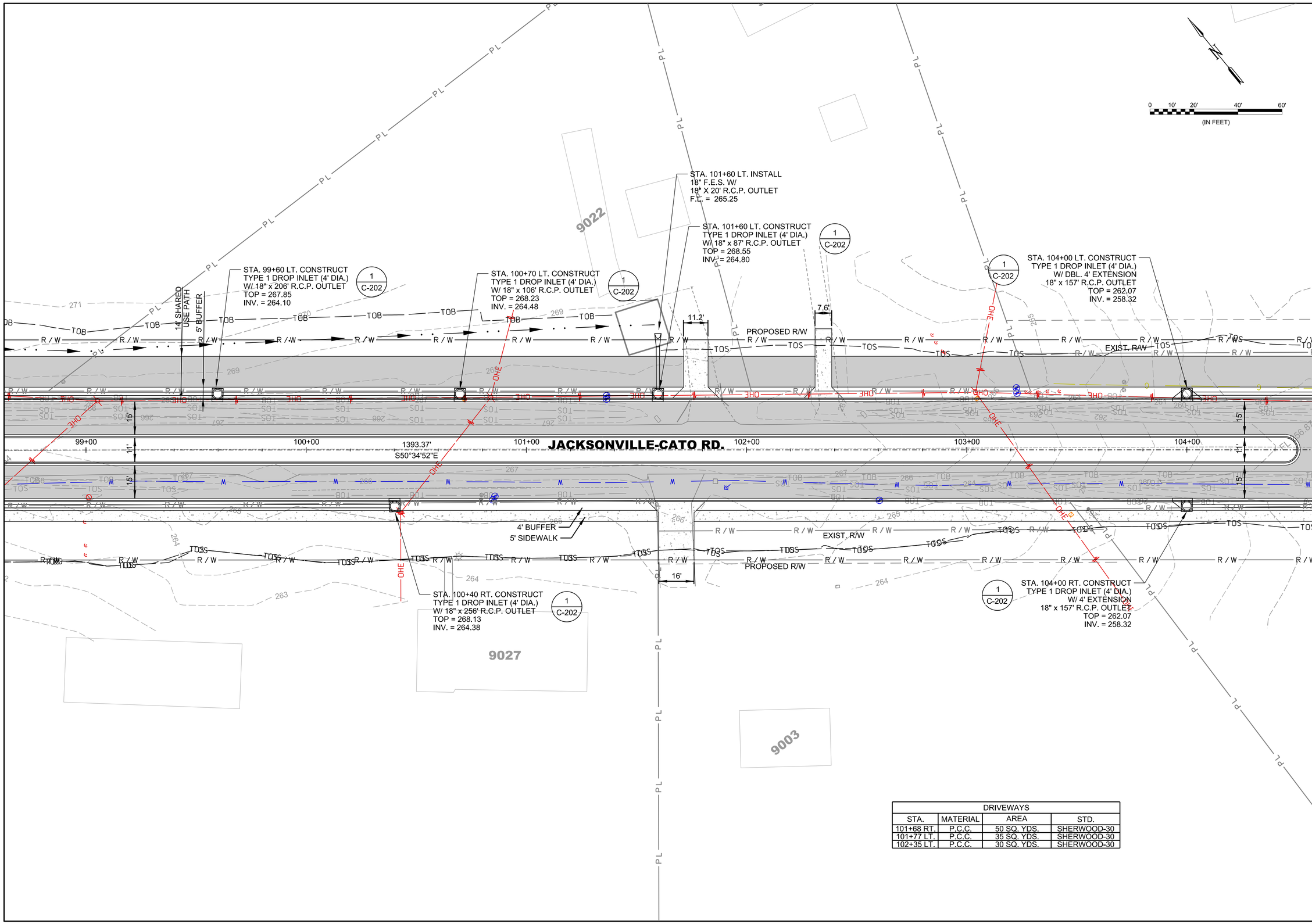
JOB NO.: 18017190
DATE: APRIL 2021
DESIGNED BY: CMC
DRAWN BY: AMW

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

DRAWING NUMBER
C-616

SHEET NUMBER

AMWelner 5/31/2021 8:34:12 PM
WORKSPACE:Garver_2012
L:\2018\18017190 - Sherwood - Jacksonville Cato\Drawings_Phase 1\SJC-C616-PP.dgn



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

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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)

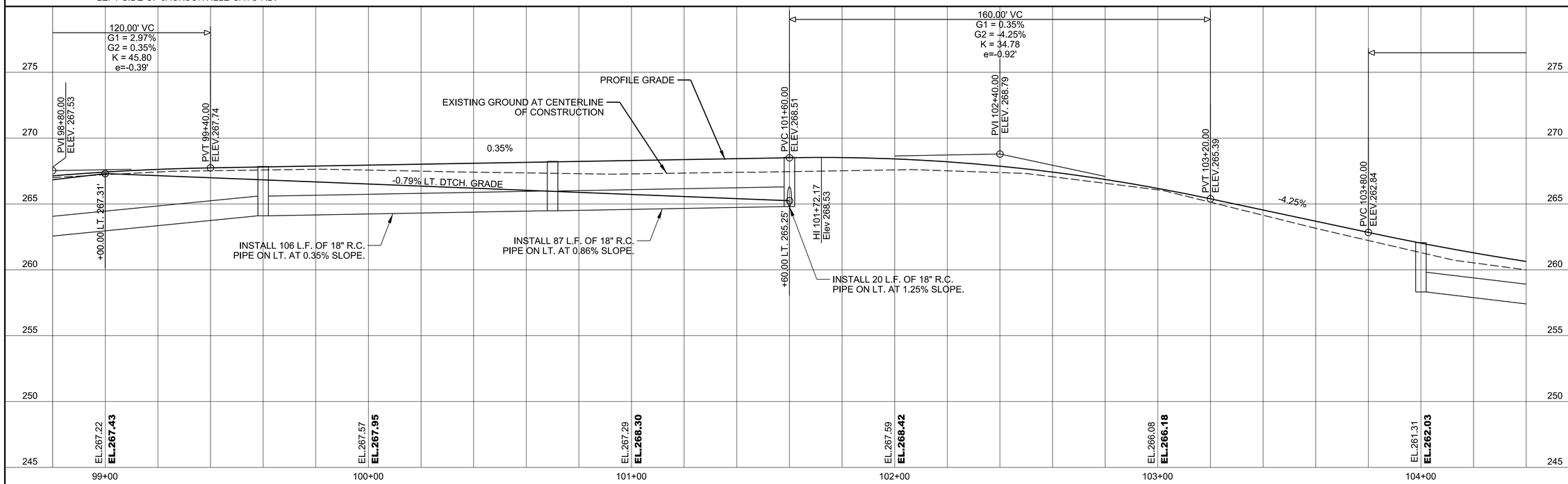
JOB NO.: 18017190
DATE: APRIL 2021
DESIGNED BY: CMC
DRAWN BY: AMW

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

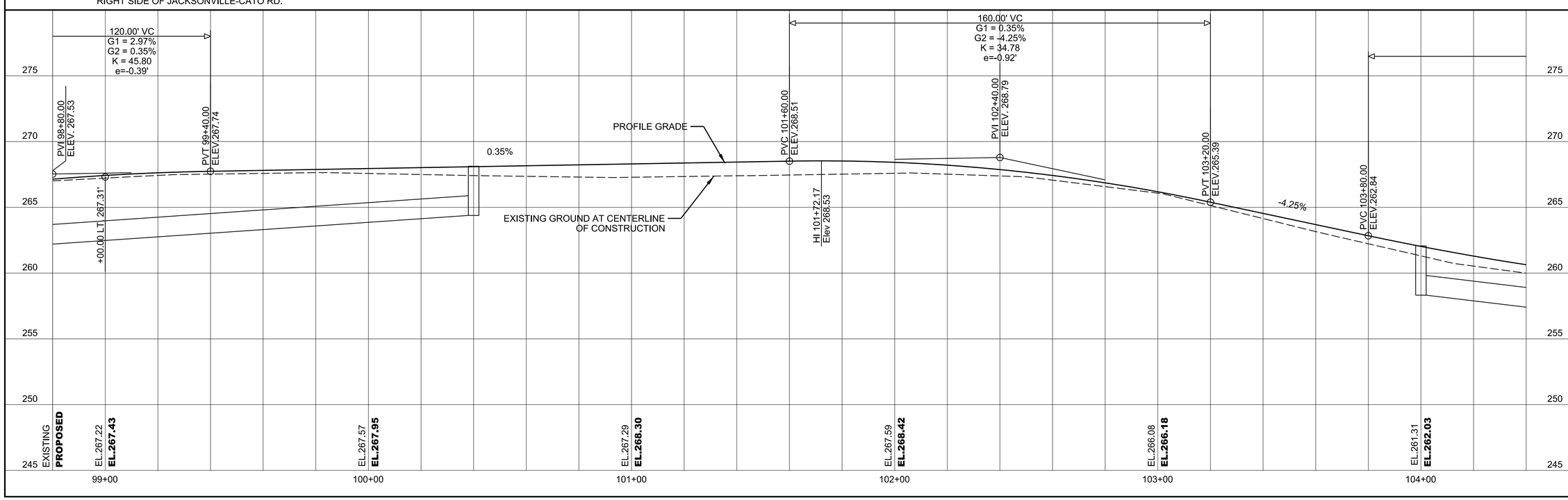
DRAWING NUMBER
C-617
SHEET NUMBER

AMWeiner
WORKSPACE:Garver_2012
L:\2018\18017190 - Sherwood - Jacksonville Cato\Drawings_Phase 1\SJC-C617-PP.dgn
5/31/2021 8:34:13 PM

LEFT SIDE OF JACKSONVILLE-CATO RD.



RIGHT SIDE OF JACKSONVILLE-CATO RD.



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

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

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

DRAWING NUMBER
C-618

SHEET NUMBER

AMWelner 5/31/2021 8:34:14 PM
WORKSPACE:Garver_2012
L:\2018\18017190 - Sherwood - Jacksonville Cato\Drawings_Phase 1\SJC-C618-PP.dgn

STA. 105+80 LT. INSTALL
TRPL. 24" F.E.S. W/
TRPL. 24" X 28' R.C.P. OUTLET
F.L. = 254.75

STA. 105+60 LT. CONSTRUCT
TYPE 1 DROP INLET (4' DIA.)
W/ 18" x 28' R.C.P. OUTLET
TOP = 258.34
INV. = 254.59

STA. 106+00 LT. CONSTRUCT
ARDOT TYPE C DROP INLET (22'-0" X 2'-6")
W/ TRPL. 29" x 18" x 47' R.C.A.P. OUTLET
TOP = 258.17
INV. = 253.92

STA. 106+40 LT. CONSTRUCT
TYPE 1 DROP INLET (4' DIA.)
W/ DBL. 18" x 32' R.C.P. OUTLET
TOP = 258.31
INV. = 254.56

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

STA 104+50.00
END TYPICAL SECTION 2
BEGIN TYPICAL SECTION 1

STA 108+00.00
END TYPICAL SECTION 1

14' SHARED USE PATH

5' BUFFER

PROPOSED R/W

JACKSONVILLE-CATO RD.

105+00 106+00 107+00 108+00 109+00 110+00

1393.37'
S50°34'52"E

4' BUFFER
5' SIDEWALK

EXIST. R/W

STA 105+10.00
END TYPICAL SECTION 1
BEGIN TYPICAL SECTION 2

STA. 105+60 RT. CONSTRUCT
TYPE 1 DROP INLET (4' DIA.)
W/ 18" X 28' R.C.P. OUTLET
TOP = 258.34
INV. = 254.59

STA 106+75.00
END TYPICAL SECTION 2
BEGIN TYPICAL SECTION 1

STA. 106+40 RT. CONSTRUCT
TYPE 1 DROP INLET (4' DIA.)
W/ 18" x 28' R.C.P. OUTLET
TOP = 258.31
INV. = 254.56

STA. 106+00 RT. CONSTRUCT
ARDOT TYPE C DROP INLET (22'-0" X 2'-6")
W/ TRPL. 24" X 12' R.C.P. OUTLET
TOP = 258.17
INV. = 253.67

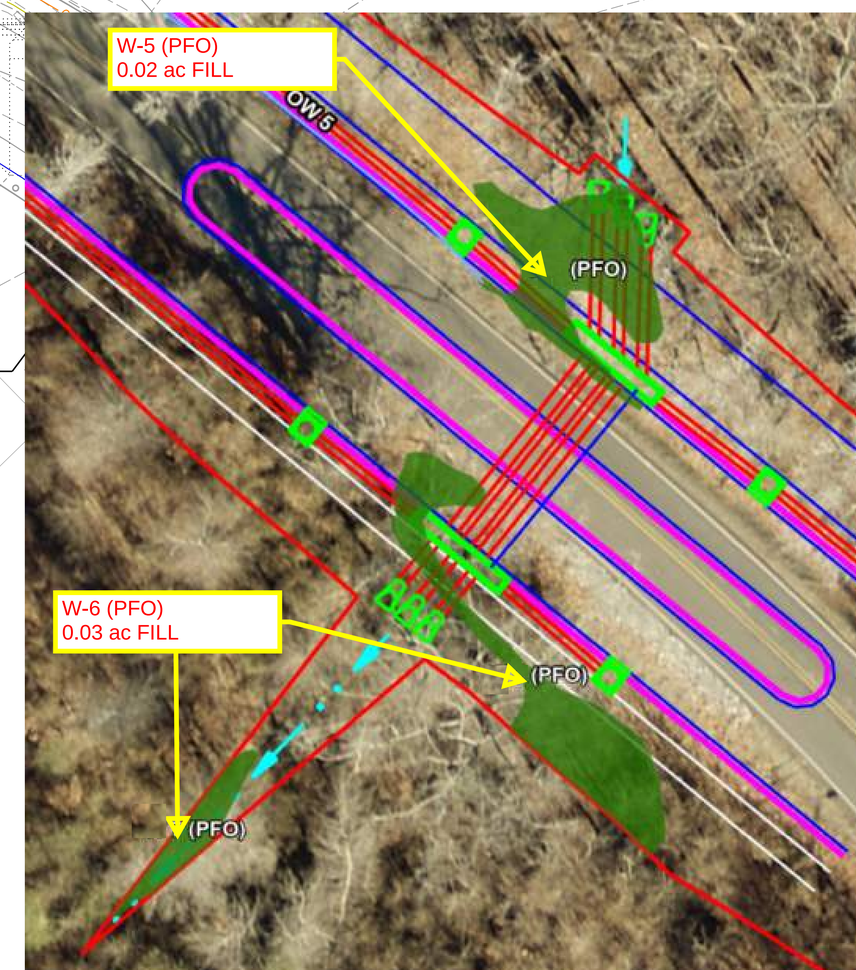
STA. 106+00 RT. INSTALL
TRPL. 24" F.E.S. W/
F.L. = 253.75

EXIST. JACKSONVILLE-CATO RD.

8907

0 10' 20' 40' 60'
(IN FEET)

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



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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. 104+40 TO
STA 110+00
(SHEET 19 OF 20)

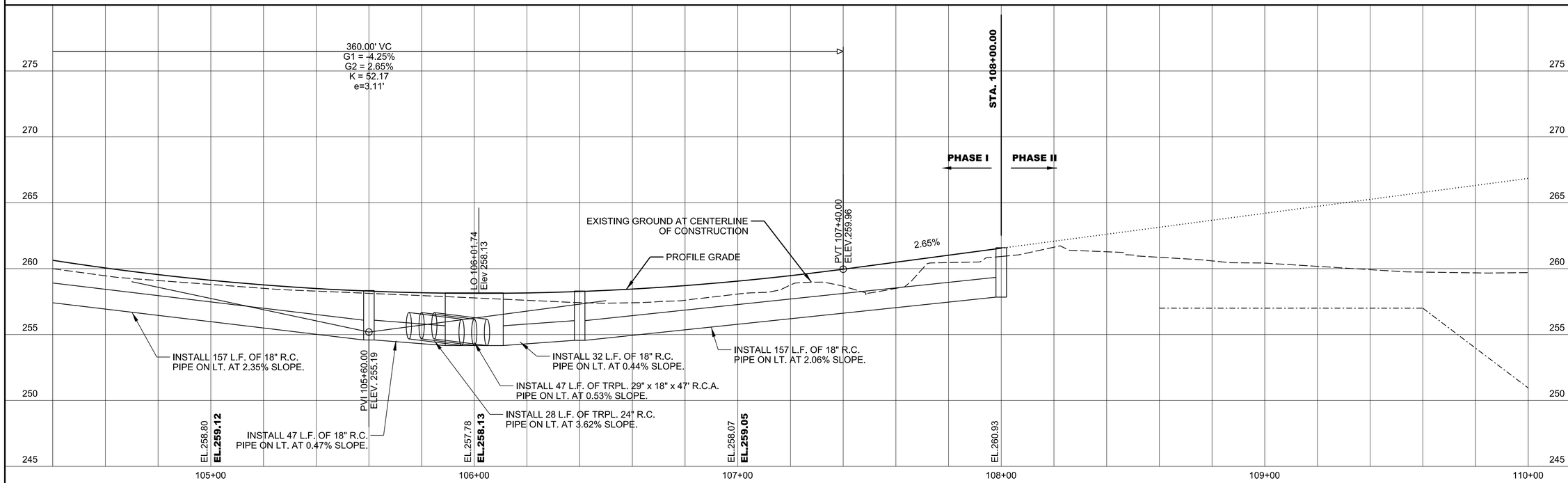
JOB NO.: 18017190
DATE: JUNE 2021
DESIGNED BY: CMC
DRAWN BY: AMW

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

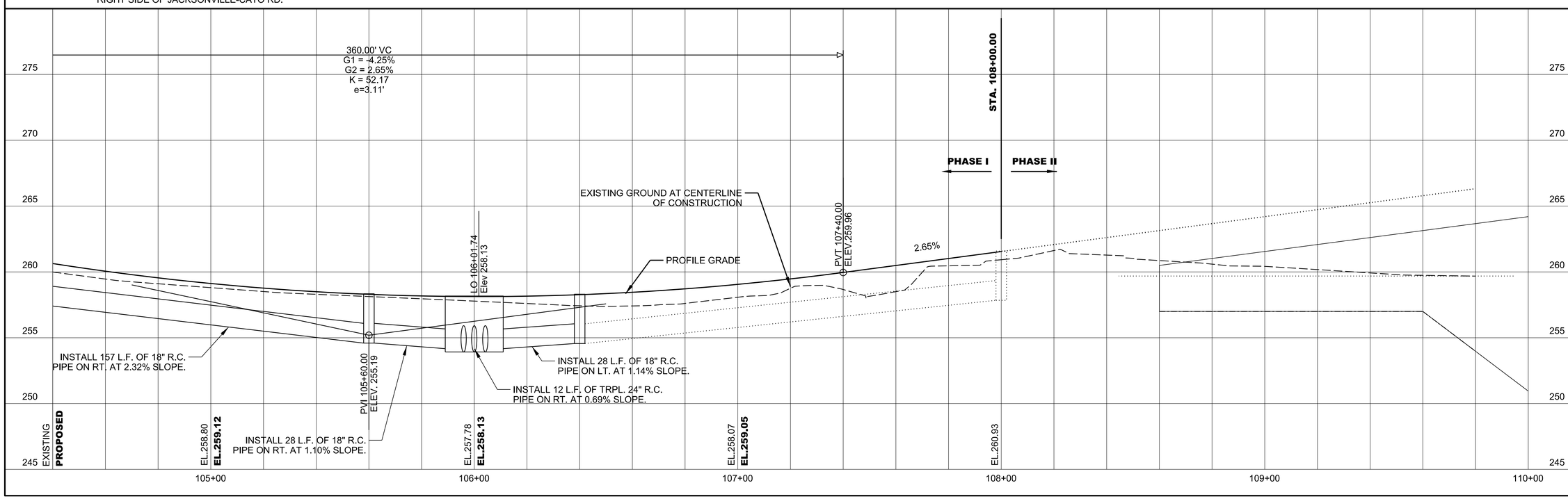
DRAWING NUMBER
C-619
SHEET NUMBER

AMWeiner 5/31/2021 8:34:16 PM
WORKSPACE:Garver_2012
L:\2018\18017190 - Sherwood - Jacksonville Cato\Drawings_Phase 1\SJC-C619-PP.dgn

LEFT SIDE OF JACKSONVILLE-CATO RD.



RIGHT SIDE OF JACKSONVILLE-CATO RD.



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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

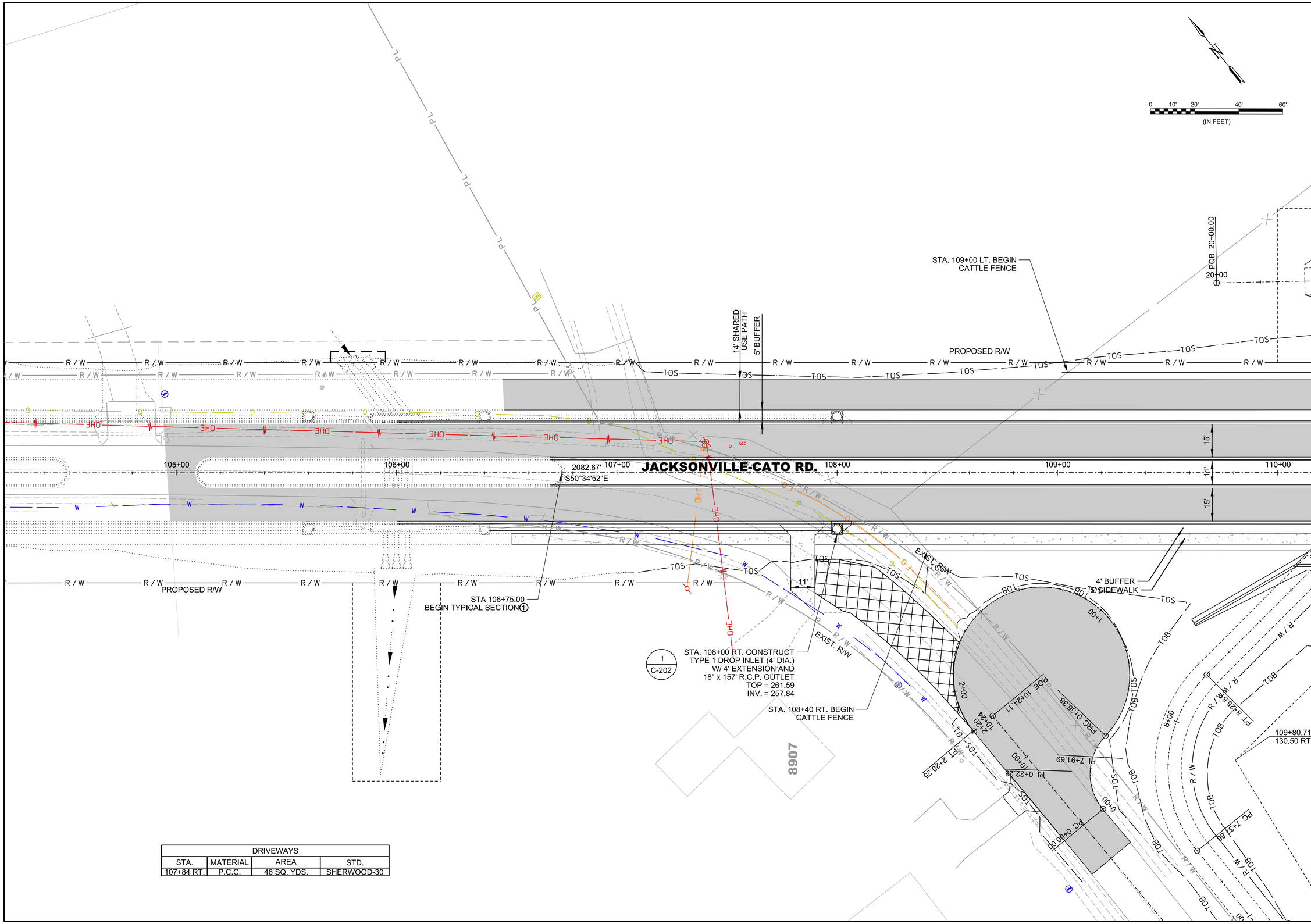
JACKSONVILLE
PROFILE
ROADWAY
STA. 104+40 TO
STA 110+00
(SHEET 20 OF 20)

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

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

DRAWING NUMBER
C-620
SHEET NUMBER

AMWelner 5/31/2021 8:34:17 PM
WORKSPACE:Garver_2012
L:\2018\18017190 - Sherwood - Jacksonville Cato\Drawings_Phase 1\SJC-C620-PP.dgn



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

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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 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

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

DRAWING NUMBER
C-601

SHEET NUMBER

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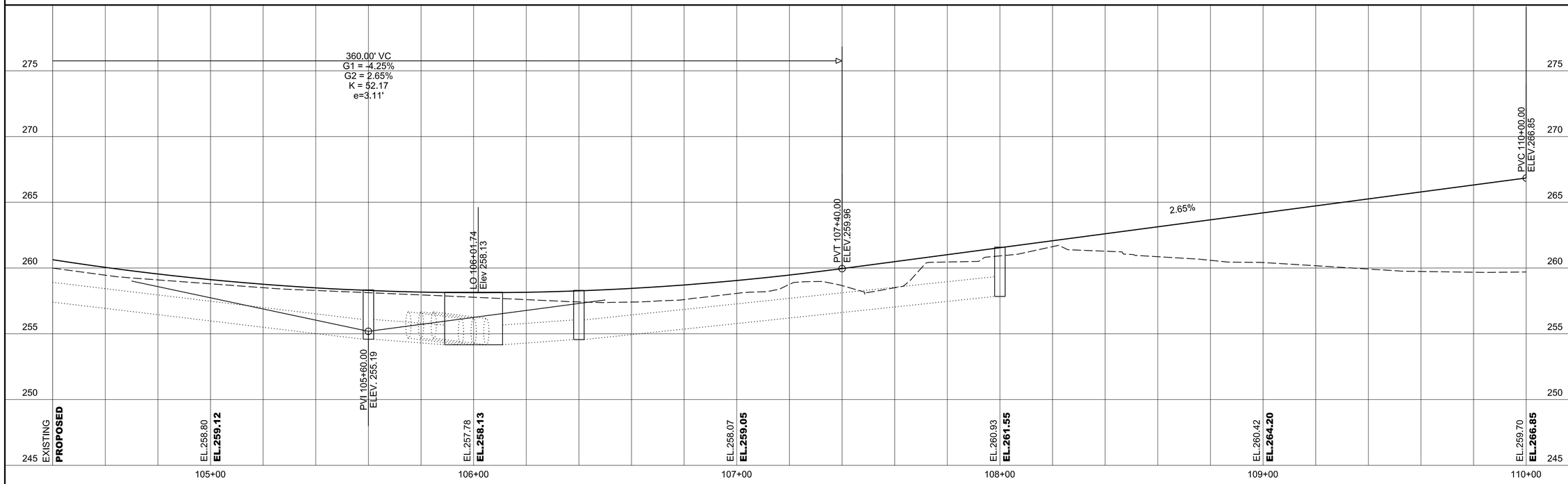
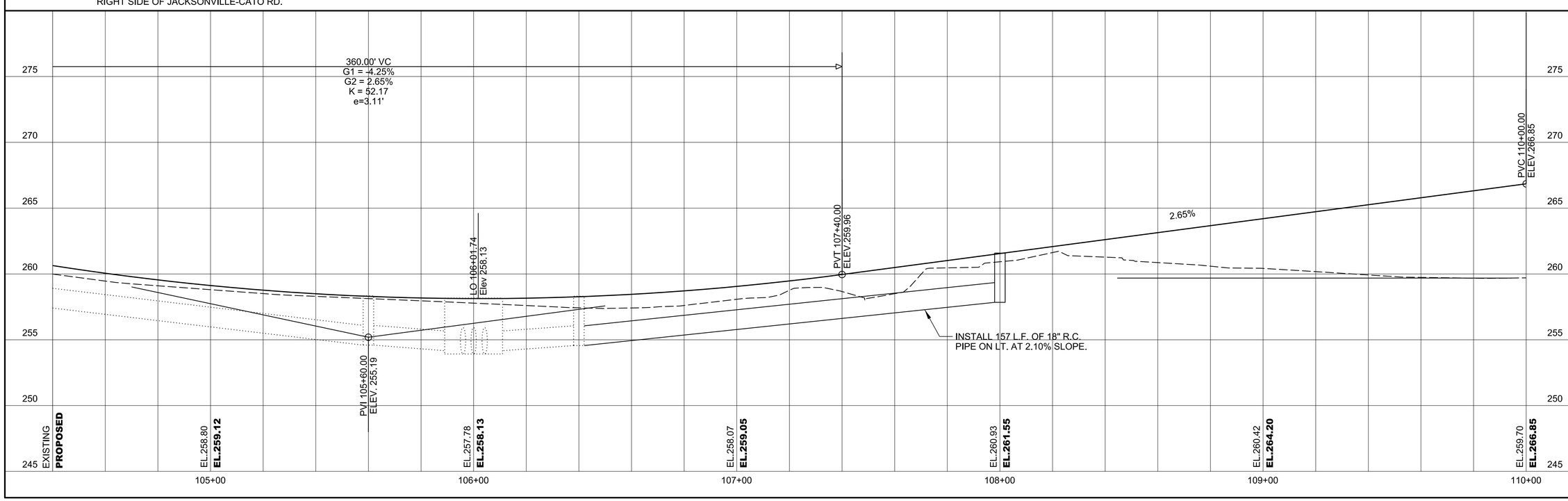
WORKSPACE:Garver_2012
L:\2018\18017190 - Sherwood - Jacksonville Cato\Drawings_Phase 2\SJC-C601-PP-PH2.dgn

LEFT SIDE OF JACKSONVILLE-CATO RD.



RIGHT SIDE OF JACKSONVILLE-CATO RD.



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PRELIMINARY DESIGN (60%)
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 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

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

DRAWING NUMBER
C-602

SHEET NUMBER

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WORKSPACE:Garver_2012
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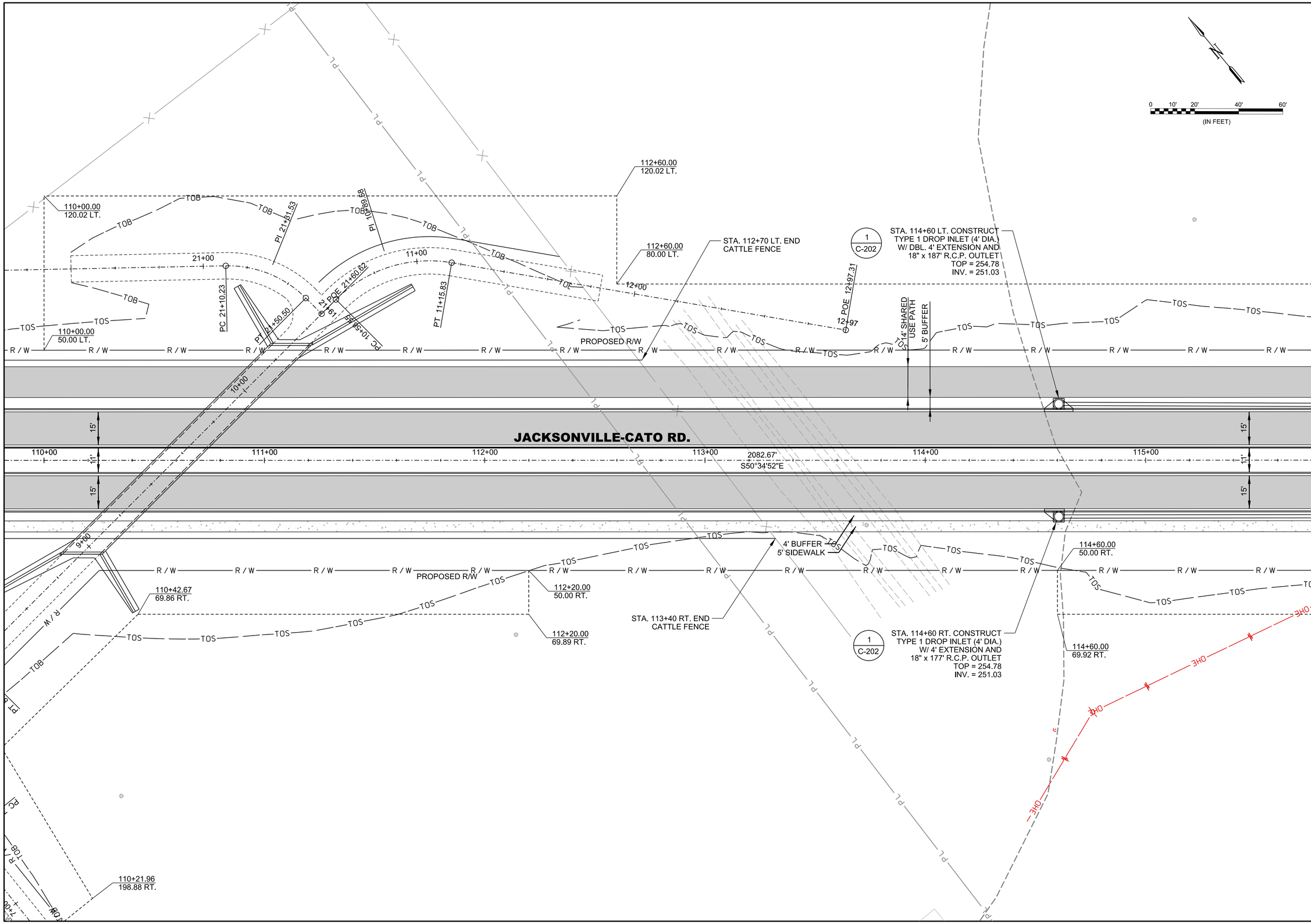

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PRELIMINARY DESIGN (50%)
NOT FOR CONSTRUCTION

REV	DATE	DESCRIPTION	BY

CITY OF SHERWOOD
PULASKI COUNTY, ARKANSAS

JACKSONVILLE-CATO ROAD
STREET AND DRAINAGE
IMPROVEMENTS - PHASE 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

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

DRAWING NUMBER
C-603
SHEET NUMBER

AMWeiner 6/18/2021 8:01:24 AM
WORKSPACE:Garver_2012
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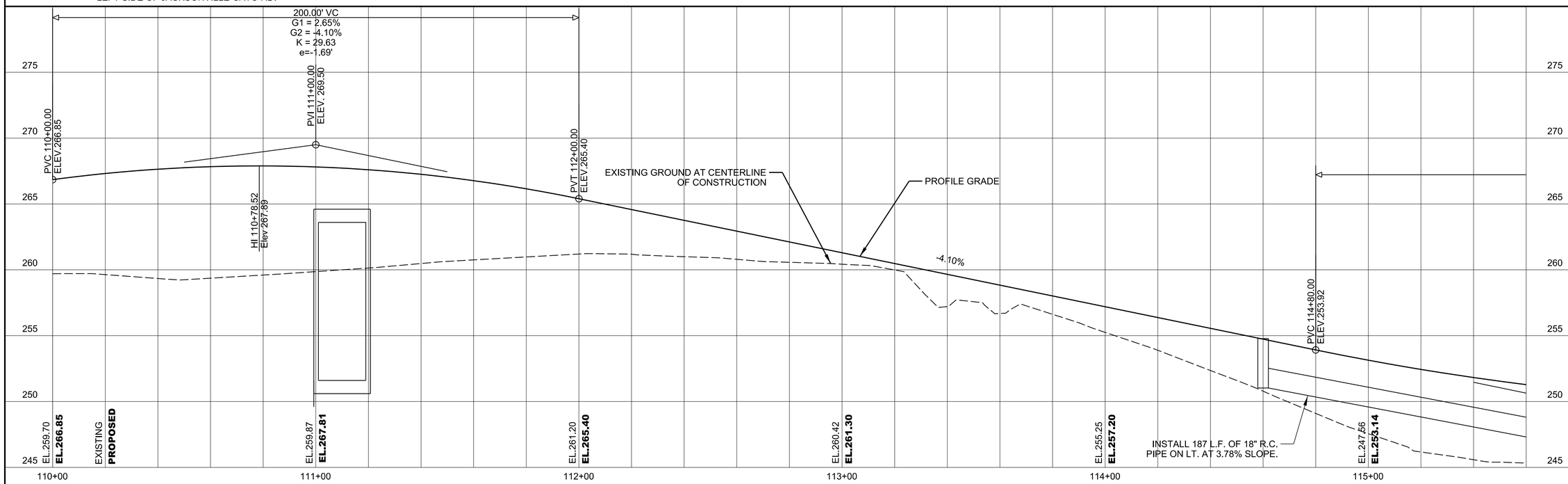
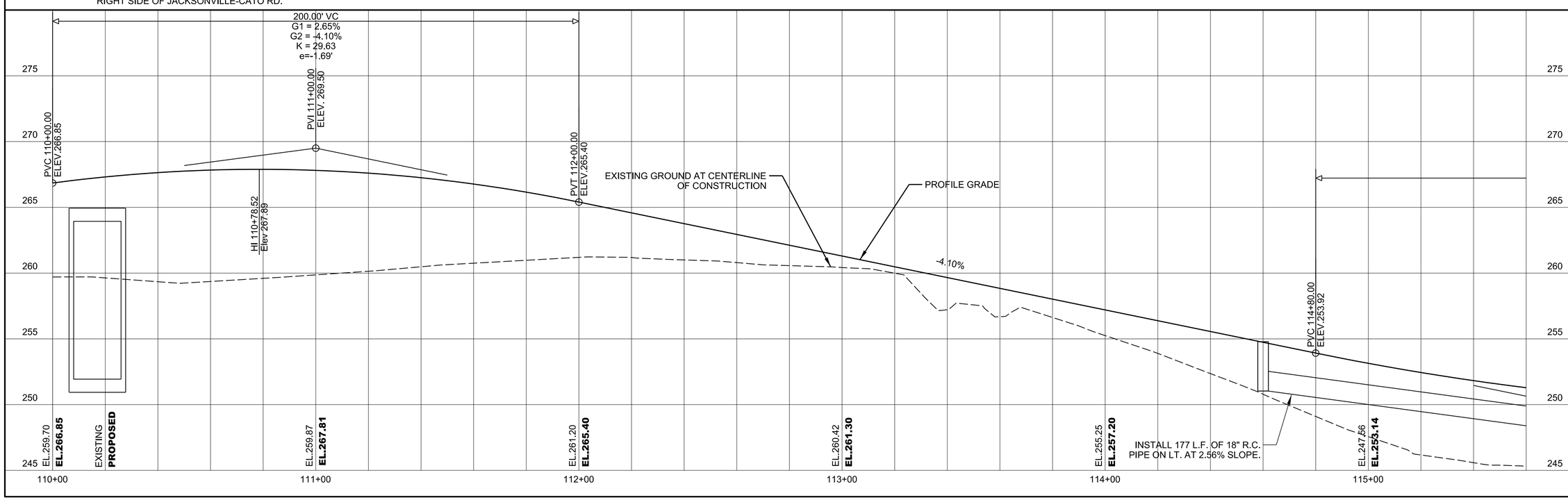
LEFT SIDE OF JACKSONVILLE-CATO RD.



RIGHT SIDE OF JACKSONVILLE-CATO RD.



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PRELIMINARY DESIGN (60%)
NOT FOR CONSTRUCTION

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
DRAWN BY: AMW

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

DRAWING NUMBER
C-604

SHEET NUMBER

AMWelner 6/18/2021 8:01:25 AM
WORKSPACE:Garver_2012
L:\2018\18017190 - Sherwood - Jacksonville Cato\Drawings_Phase 2\SJC-C604-PP-PH2.dgn

Curve No. 1
R = 572.96'
Dc = 10°00'00.00"
L = 401.44'
Delta = 40°08'37.1" LT.
T = 209.35'

STA. 116+60 LT. CONSTRUCT
ARDOT TYPE C DROP INLET (23'-0" X 2'-6")
W/ DBL. 73" X 45" X 60' R.C.A.P. OUTLET
TOP = 249.85
INV. = 243.60

STA. 116+40 LT. INSTALL
DBL. 73" x 45" F.E.S. W/
DBL. 73" X 45" X 47' R.C.A.P. OUTLET
F.L. = 243.92

STA. 116+80 LT. CONSTRUCT
TYPE 1 DROP INLET (4' DIA.)
W/ DBL. 4' EXTENSION AND
18" x 7' R.C.P. OUTLET
TOP = 249.80
INV. = 245.80

STA. 117+20 LT. CONSTRUCT
TYPE 1 DROP INLET (4' DIA.)
W/ 18" x 37' R.C.P. OUTLET
TOP = 249.94
INV. = 246.19

STA. 119+04.18, SHARED USE
20' VERTICAL TRANSIT
SIDE ROAD PAVEMENT
DETECTABLE WARNING D

STA. 119+00 LT. CON
TYPE 1 DROP INLET
W/ 18" x 111' R.C.P.
TOP
INV.

C.L. JACKSONVILLE CATO RD. STA. 1
C.L. ISON LN. STA

116+20.00
75.00 LT.

116+55.00
75.00 LT.

116+20.00
80.00 LT.

116+55.00
60.00 LT.

116+55.00
50.00 LT.

116+20.00
50.00 LT.

PROPOSED R/W

JACKSONVILLE-CATO RD.

PC 118+29.30

116+00 117+00 118+00

2082.67'
S50°34'52"E

CURVE NO. 1

W/ DBL. 4' EXTENSION AND
DBL. 18" x 7' R.C.P. OUTLET

4' BUFFER
5' SIDEWALK

PROPOSED R/W

STA. 116+40 RT. CONSTRUCT
TYPE 1 DROP INLET (4' DIA.)
W/ 18" X 37' R.C.P. OUTLET
TOP = 249.99
INV. = 246.24

117+00.00
69.95 RT.

STA. 116+80 RT. CONSTRUCT
TYPE 1 DROP INLET (4' DIA.)
W/ DBL. 4' EXTENSION AND
W/ 18" X 6' R.C.P. OUTLET
TOP = 249.80
INV. = 245.30

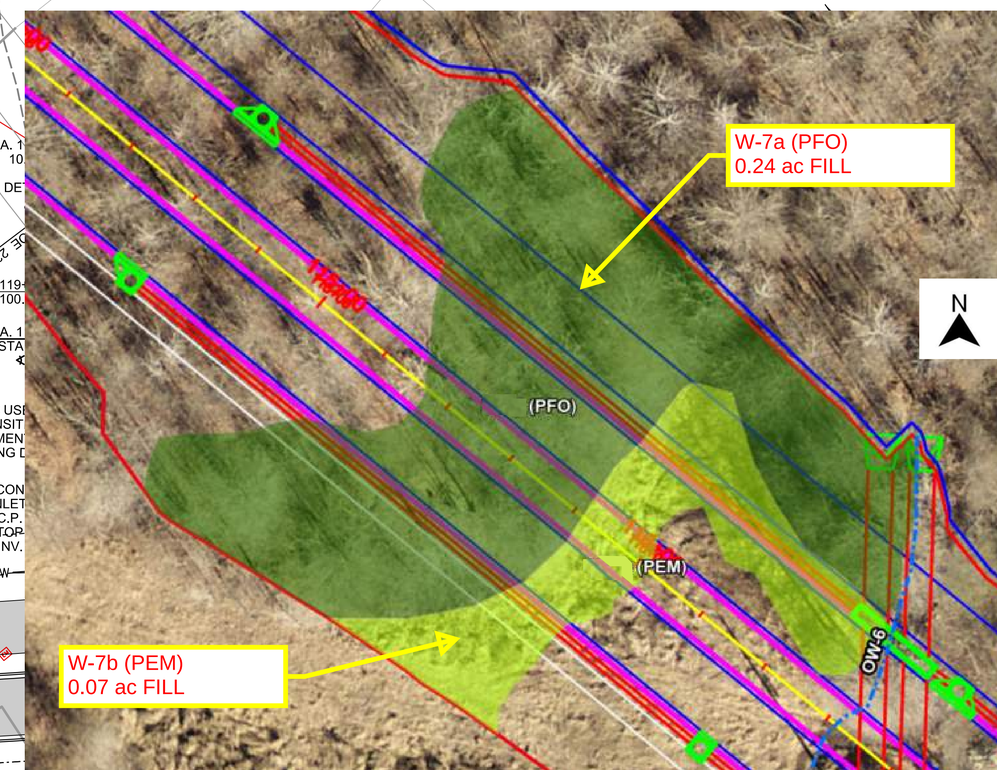
STA. 117+15 RT. INSTALL
DBL. 73" X 45" F.E.S.
F.L. = 243.20

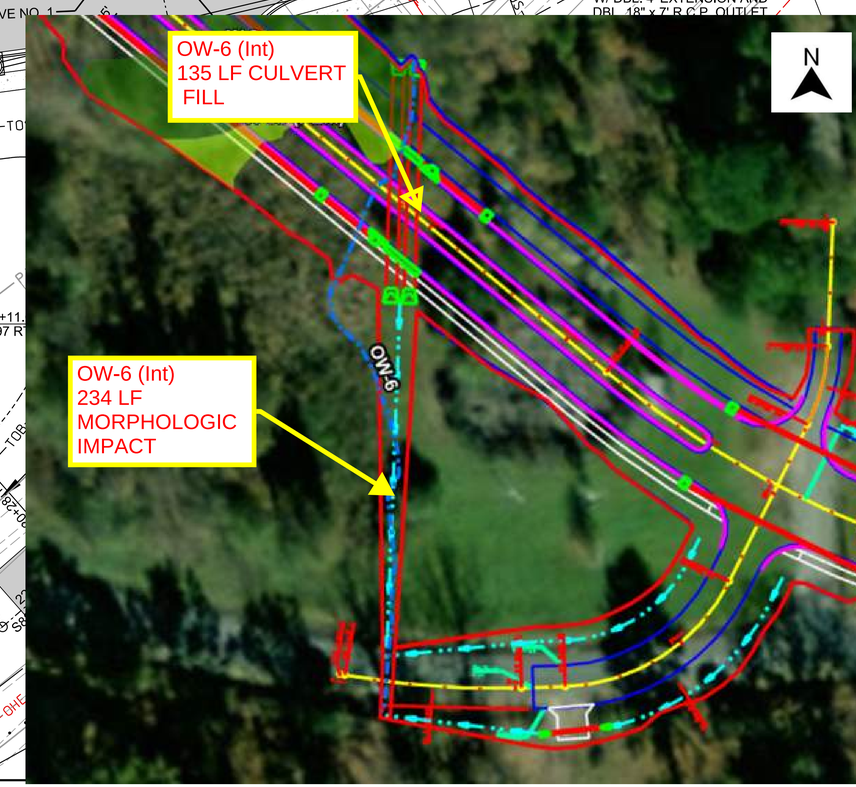
STA 119+00.00
END TYPICAL SECTION 1
BEGIN TYPICAL SECTION 2

STA. 119+00 RT. CONSTRUCT
TYPE 1 DROP INLET (4' DIA.)
W/ 18" x 122' R.C.P. OUTLET
TOP = 250.04
INV. = 245.79

STA. 117+00 RT. CONSTRUCT
ARDOT TYPE C DROP INLET (23'-0" X 2'6")
DBL. 73" X 45" X 21' R.C.A.P. OUTLET
TOP = 249.83
INV. = 243.33

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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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 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

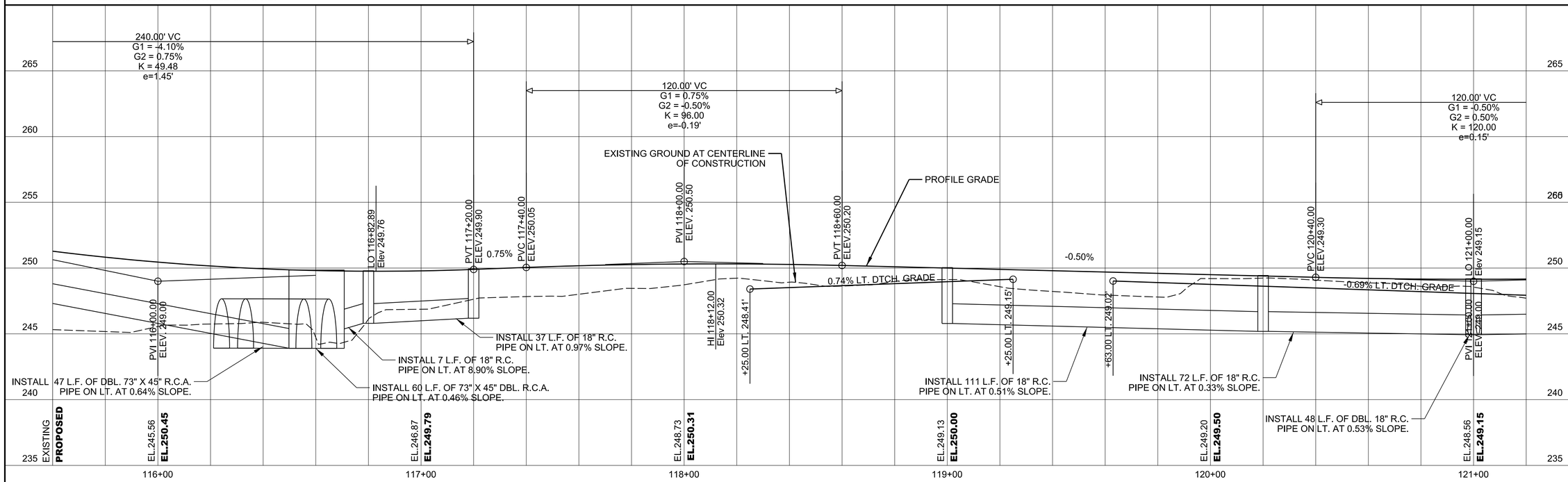
BAR IS ONE INCH ON ORIGINAL DRAWING
0 1"
IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY.

DRAWING NUMBER
C-605

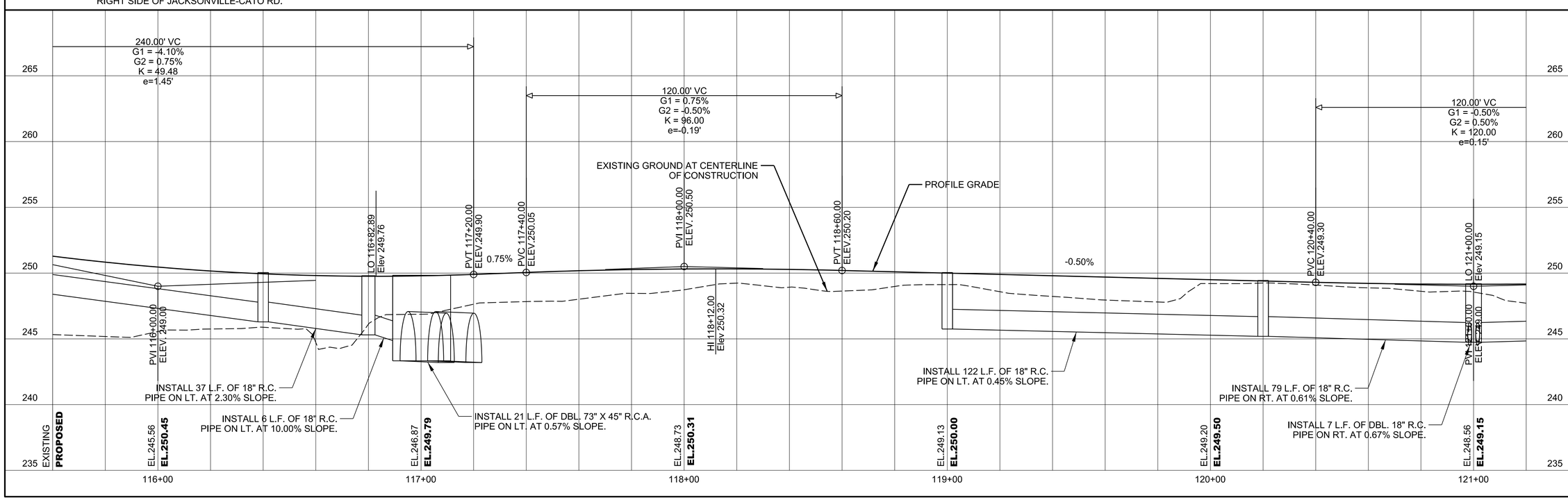
SHEET NUMBER

AMWeiner 6/18/2021 8:01:26 AM
WORKSPACE:Garver_2012
L:\2018\18017190 - Sherwood - Jacksonville Cato\Drawings_Phase 2\SJC-C605-PP-PH2.dgn

LEFT SIDE OF JACKSONVILLE-CATO RD.



RIGHT SIDE OF JACKSONVILLE-CATO RD.



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PRELIMINARY DESIGN (60%)
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 AND PROFILE
STA. 115+60 TO
STA 121+20
(SHEET 6 OF 20)

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

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

DRAWING NUMBER
C-606

SHEET NUMBER

AMWeiner 6/18/2021 8:01:27 AM
WORKSPACE:Garver_2012
L:\2018\18017190 - Sherwood - Jacksonville Cato\Drawings_Phase 2\SJC-C606-PP-PH2.dgn

100-YEAR FLOODPLAIN

N

0 10' 20' 40' 60'
(IN FEET)

STA. 125+60 LT. INSTALL
DBL. 18" F.E.S. W/
18" X 10' R.C.P. OUTLET
F.L. = 246.40

STA. 125+60 LT. CONSTRUCT
ARDOT TYPE C DROP INLET (6'-0" X 6'-0")
W/ DBL. 18" x 75' R.C.P. OUTLET
TOP = 249.74
INV. = 245.74

STA. 121+80 LT. INSTALL
18" F.E.S. W/
18" X 12' R.C.P. OUTLET
F.L. = 247.52

1
C-202

STA. 125+20 LT. CONSTRUCT
TYPE 1 DROP INLET (4' DIA.)
W/ BACK OPENING AND
18" x 45' R.C.P. OUTLET
TOP = 249.99
INV. = 246.24

STA. 123+00 LT. CONSTRUCT
TYPE 1 DROP INLET (4' DIA.)
W/ 18" x 114' R.C.P. OUTLET
TOP = 250.44
INV. = 246.19

1
C-202

STA. 124+20 LT. INSTALL
18" F.E.S. W/
18" X 78' R.C.P. OUTLET
F.L. = 246.53

STA. 126+40 LT. CONSTRUCT
ARDOT TYPE C DROP INLET (4'-0" X 6'-0")
W/ DBL. 18" x 56' R.C.P. OUTLET
TOP = 249.34
INV. = 245.59

8410

8404

STA. 121+80 LT. CONSTRUCT
ARDOT TYPE C DROP INLET (4'-0" X 4'-0")
W/ 18" x 72' R.C.P. OUTLET
TOP = 249.44
INV. = 245.19

9.8'

123+80.00
70.00 LT.

123+80.00
65.09 LT.

21'

124+20.00
70.00 LT.

124+20.00
60.00 LT.

14' SHARED USE PATH

5' BUFFER

125+00.00
60.00 LT.

125+00.00
50.00 LT.

17.1'

21.3'

PROPOSED R/W

EXIST. R/W

PT 122+30.66

15'

11'

15'

JACKSONVILLE-CATO RD.

122+00 123+00 124+00 125+00 126+00 127

815.95'
N89°16'59"E

EXIST. R/W

4' BUFFER
5' SIDEWALK

1
C-202

STA. 121+80 RT. CONSTRUCT
TYPE 1 DROP INLET (4' DIA.)
W/ 18" x 79' R.C.P. OUTLET
TOP = 249.44
INV. = 245.19

PROPOSED R/W

1
C-202

STA. 123+00 RT. CONSTRUCT
TYPE 1 DROP INLET (4' DIA.)
W/ 18" x 119 R.C.P. OUTLET
TOP = 250.44
INV. = 246.19

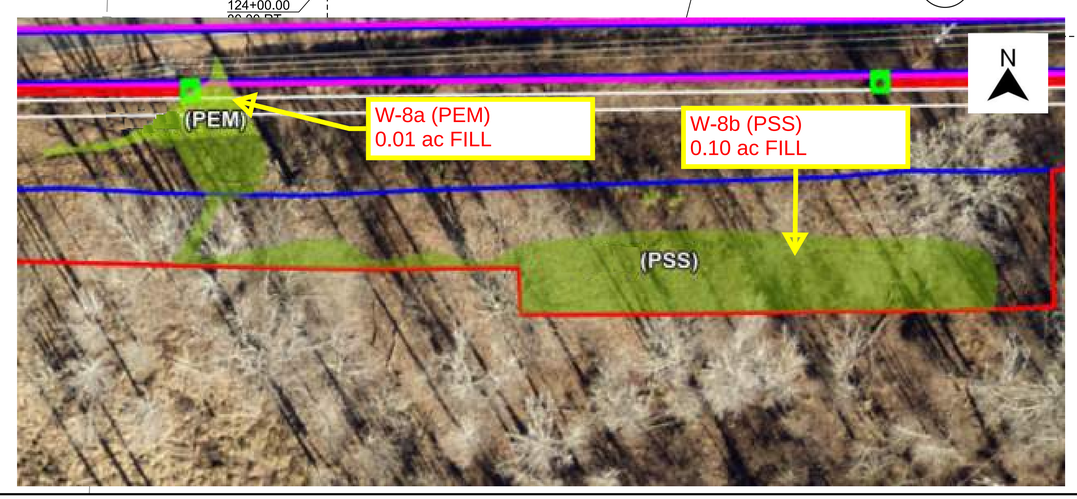
124+00.00

1
C-202

STA. 126+40 RT. CONSTRUCT
TYPE 1 DROP INLET (4' DIA.)
W/ 18" x 55' R.C.P. OUTLET
TOP = 249.34
INV. = 245.34

126+80.00
95.00 RT.

126+80.00
140.00 RT.



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

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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 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

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

DRAWING NUMBER
C-607

SHEET NUMBER

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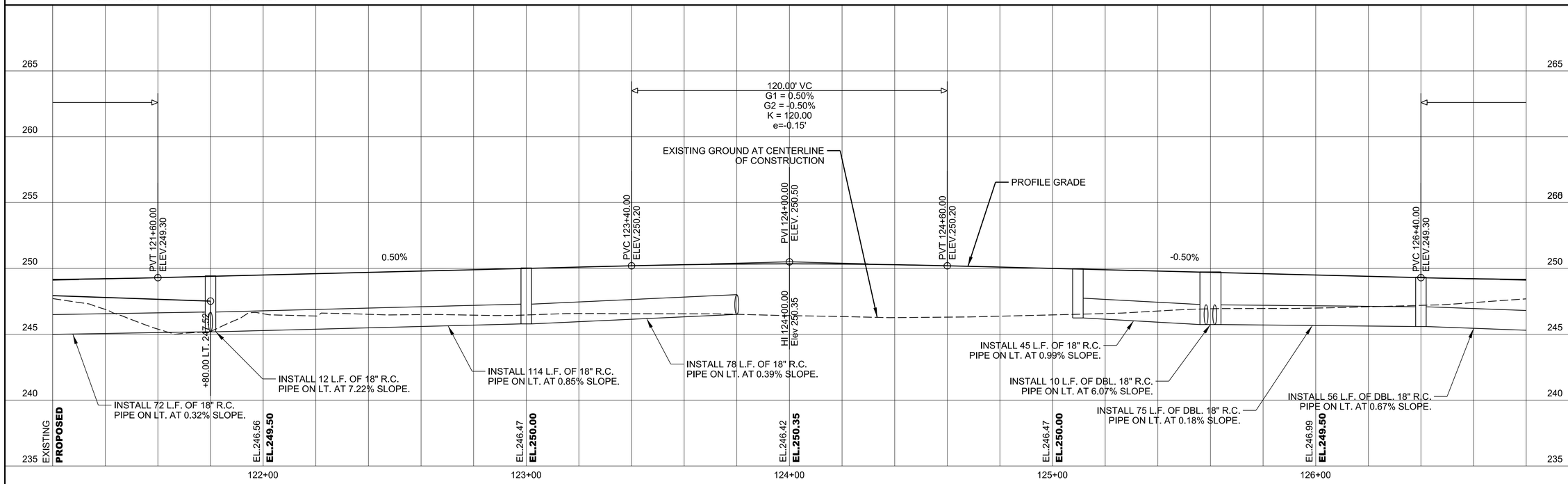
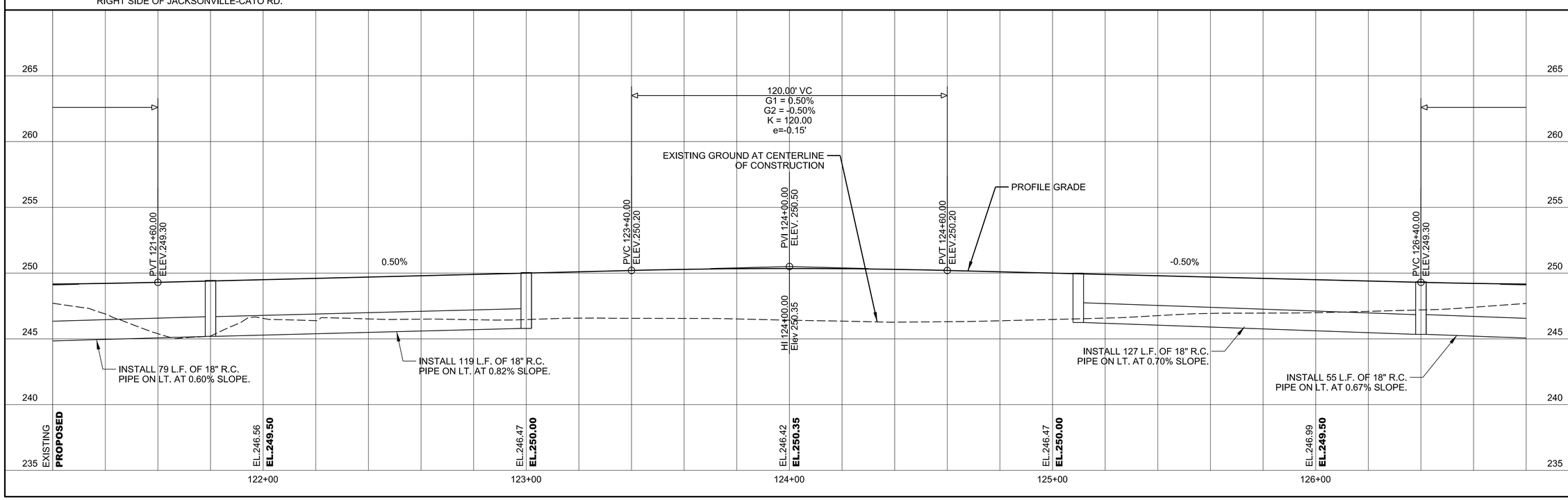
WORKSPACE:Garver_2012
L:\2018\18017190 - Sherwood - Jacksonville Cato\Drawings_Phase 2\SJC-C607-PP-PH2.dgn

LEFT SIDE OF JACKSONVILLE-CATO RD.



RIGHT SIDE OF JACKSONVILLE-CATO RD.



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PRELIMINARY DESIGN (60%)
NOT FOR CONSTRUCTION

REV.	DATE	DESCRIPTION	BY

CITY OF SHERWOOD
PULASKI COUNTY, ARKANSAS

JACKSONVILLE-CATO ROAD
STREET AND DRAINAGE
IMPROVEMENTS - PHASE II

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

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

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

DRAWING NUMBER
C-608

SHEET NUMBER

AMWelner 6/18/2021 8:01:30 AM
WORKSPACE:Garver_2012
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STA. 129+20 LT. INSTALL
18" F.E.S.
W/ 25' R.C.P. OUTLET
F.L. = 248.15

STA. 129+11.52, SHARED USE PATH
10.5' VERTICAL TRANSITION TO
SIDE ROAD PAVEMENT WITH
DETECTABLE WARNING DEVICE

STA. 129+00 LT. CONSTRUCT
TYPE 1 DROP INLET (5' DIA.)
18" x 56' R.C.P. OUTLET
TOP = 250.04
INV. = 246.29

STA. 127+00 LT. CONSTRUCT
ARDOT TYPE C DROP INLET (4'-0" X 4'-0")
W/ DBL. 4' EXTENSION AND
BACK OPENING AND
22" X 13.5" X 47' R.C.A.P. OUTLET
TOP = 249.19
INV. = 245.19

STA 128+80.00
END TYPICAL SECTION 1
BEGIN TYPICAL SECTION 2

STA. 128+40 LT. CONSTRUCT
TYPE 1 DROP INLET (4' DIA.)
18" x 37' R.C.P. OUTLET
TOP = 249.74
INV. = 245.99

STA. 128+00 LT. CONSTRUCT
TYPE 1 DROP INLET (4' DIA.)
W/ DBL. 18" x 37' R.C.P. OUTLET
TOP = 249.54
INV. = 245.79

STA. 127+60 LT. CONSTRUCT
TYPE 1 DROP INLET (4' DIA.)
W/ DBL. 18" x 56' R.C.P. OUTLET
TOP = 249.34
INV. = 245.59

C.L. CREEKDALE DR.

Curve No. 2
R = 520.87'
Dc = 11°00'00.00"
L = 254.70'
Delta = 28°01'02.4" LT.
T = 129.95'

STA. 129+88.12, SHARED USE PATH
20' VERTICAL TRANSITION TO
SIDE ROAD PAVEMENT WITH
DETECTABLE WARNING DEVICE

STA. 130+00 LT. CONSTRUCT
TYPE 1 DROP INLET (4' DIA.)
W/ 18" x 97' R.C.P. OUTLET
TOP = 250.24
INV. = 246.74

STA. 131+00 LT. CONSTRUCT
TYPE 1 DROP INLET (4' DIA.)
W/ 18" x 94' R.C.P. OUTLET
TOP = 251.04
INV. = 247.29

8400 8318 8219 8213 8313 8317

14' SHARED USE PATH
5' BUFFER
EXIST. R/W
PROPOSED R/W
PROP. R/W
JACKSONVILLE-CATO RD.
CURVE NO. 2
4' BUFFER
5' SIDEWALK
EXIST. ELECTRIC EASEMENT
EXIST. WATER EASEMENT
PROPOSED R/W

STA. 129+20 RT. CONSTRUCT
TYPE 1 DROP INLET (4' DIA.)
W/ 18" x 157' R.C.P. OUTLET
TOP = 250.14
INV. = 245.89

C.L. JACKSONVILLE CATO RD. STA. 129+43.53=
C.L. CREEKDALE CT. STA. 30+00.00
∢ 90°00'00"

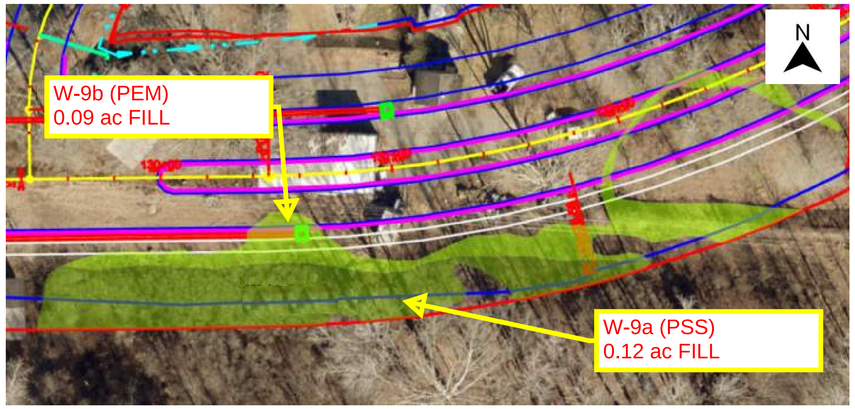
STA. 127+60 RT. CONSTRUCT
TYPE 1 DROP INLET (4' DIA.)
W/ 18" x 55' R.C.P. OUTLET
TOP = 249.34
INV. = 245.34

STA. 127+00 RT. CONSTRUCT
ARDOT TYPE C DROP INLET (4'-0" X 2'-6")
W/ DBL. 4' EXTENSION AND
22" X 13.5" X 8' R.C.A.P. OUTLET
TOP = 249.19
INV. = 244.94

STA. 127+00 RT. INSTALL
DBL. 18" F.E.S.
F.L. = 244.75

STA. 130+60 RT. CONSTRUCT
TYPE 1 DROP INLET (4' DIA.)
W/ 18" x 137' R.C.P. OUTLET
TOP = 250.84
INV. = 247.09

STA 130+00.00
END TYPICAL SECTION 2
BEGIN TYPICAL SECTION 1



N

0 10' 20' 40' 60'
(IN FEET)

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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 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

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

DRAWING NUMBER
C-609

SHEET NUMBER

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WORKSPACE:Garver_2012
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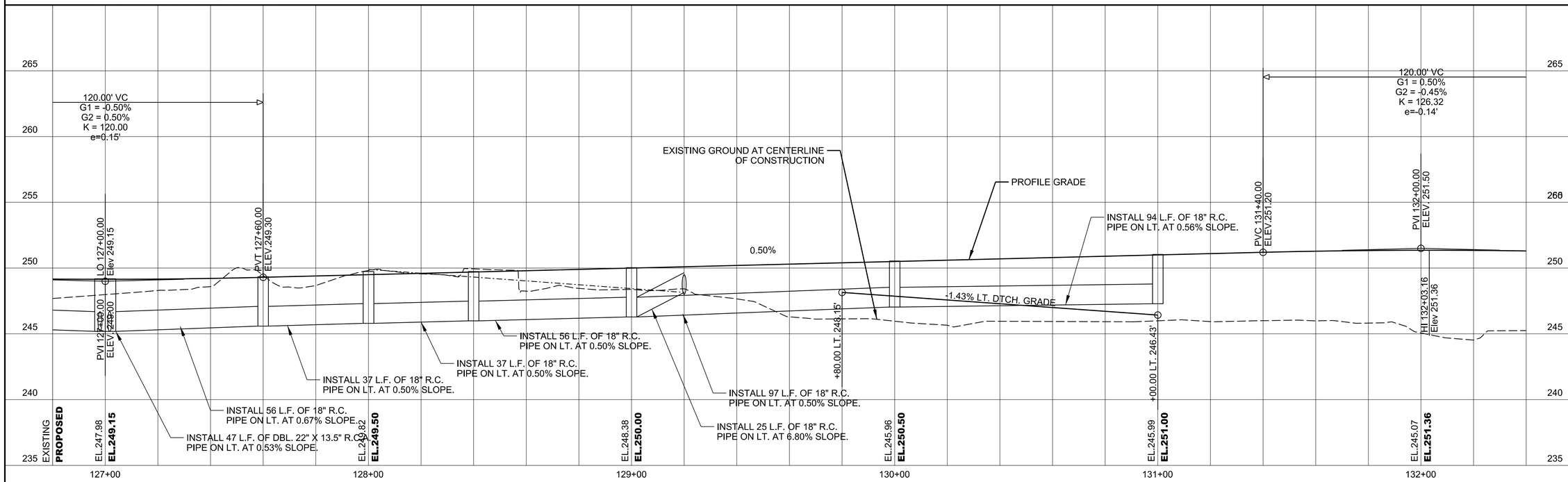
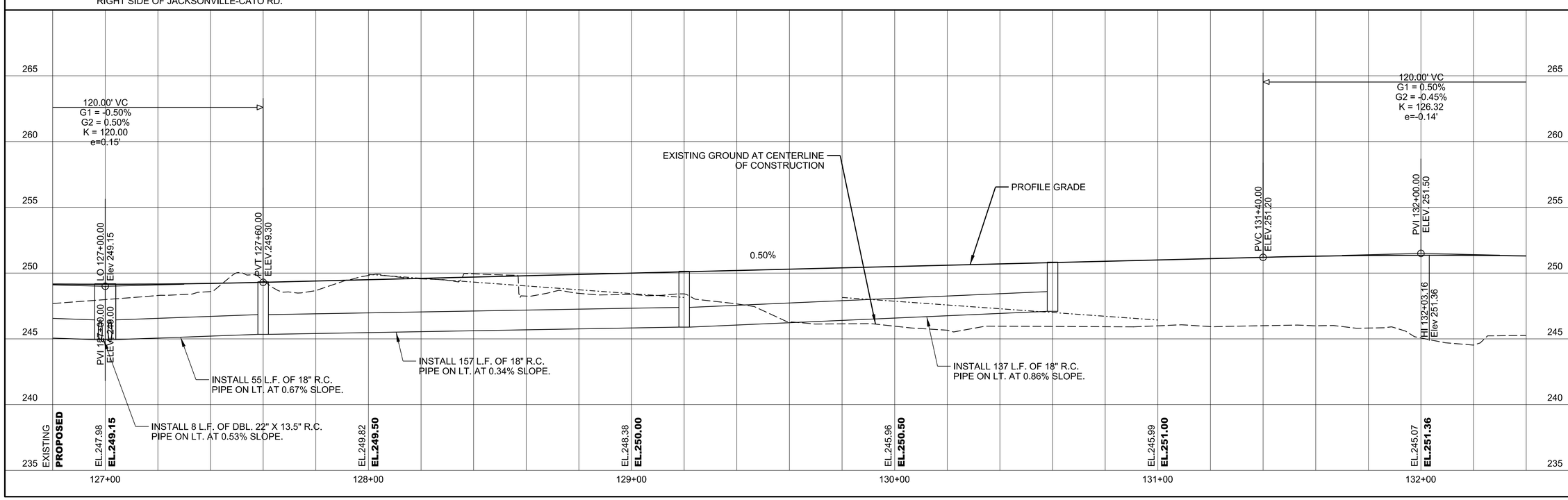
LEFT SIDE OF JACKSONVILLE-CATO RD.



RIGHT SIDE OF JACKSONVILLE-CATO RD.



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PRELIMINARY DESIGN (60%)
NOT FOR CONSTRUCTION

REV.	DATE	DESCRIPTION	BY

CITY OF SHERWOOD
PULASKI COUNTY, ARKANSAS

JACKSONVILLE-CATO ROAD
STREET AND DRAINAGE
IMPROVEMENTS - PHASE II

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

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

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

DRAWING NUMBER
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SHEET NUMBER

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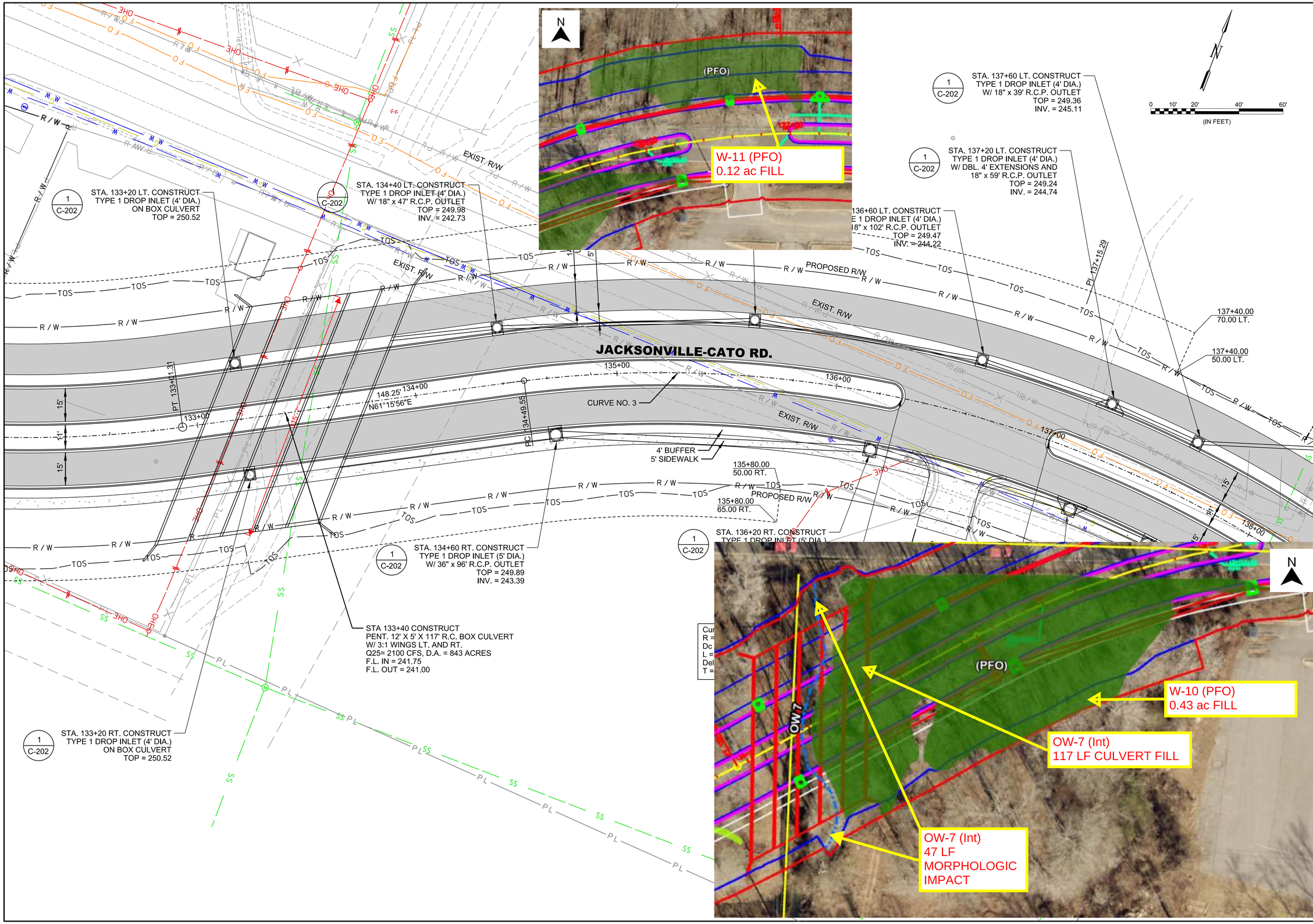

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PRELIMINARY DESIGN (50%)
NOT FOR CONSTRUCTION

REV.	DATE	DESCRIPTION	BY

CITY OF SHERWOOD
PULASKI COUNTY, ARKANSAS

JACKSONVILLE-CATO ROAD
STREET AND DRAINAGE
IMPROVEMENTS - PHASE 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

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

DRAWING NUMBER
C-611

SHEET NUMBER

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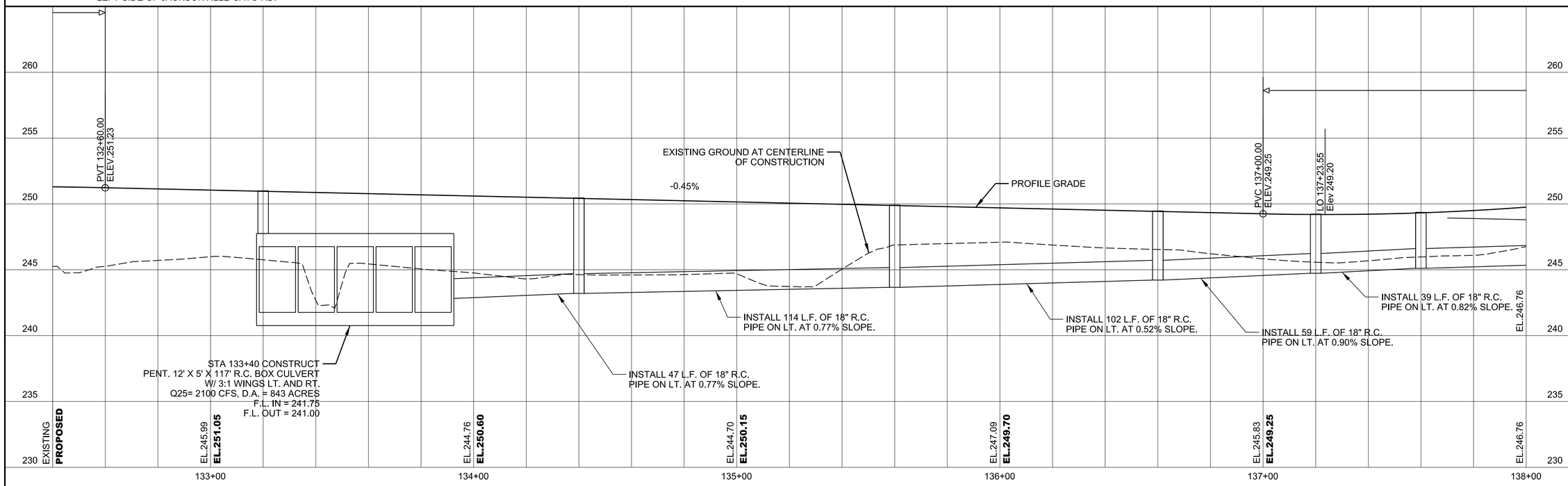
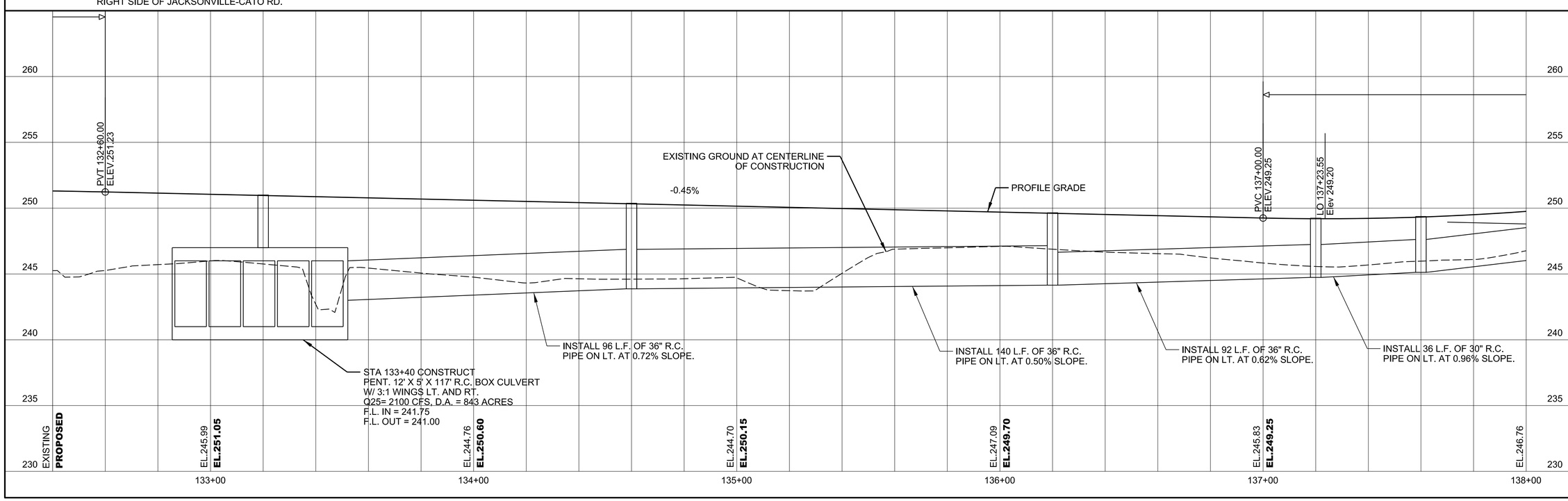
LEFT SIDE OF JACKSONVILLE-CATO RD.



RIGHT SIDE OF JACKSONVILLE-CATO RD.



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PRELIMINARY DESIGN (60%)
NOT FOR CONSTRUCTION

REV.	DATE	DESCRIPTION	BY

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)

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

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

DRAWING NUMBER
C-612

SHEET NUMBER

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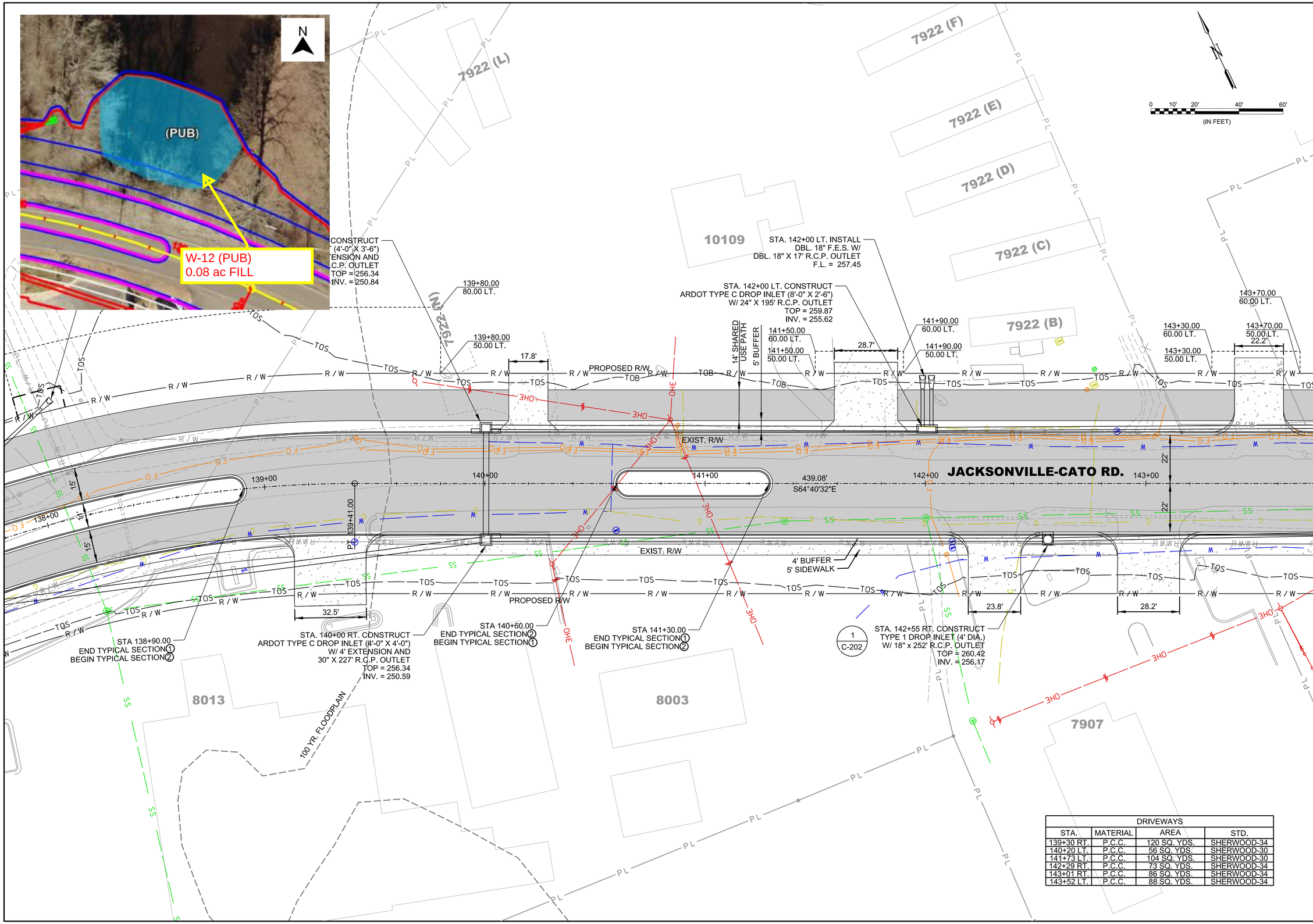

DRIVEWAYS			
STA.	MATERIAL	AREA	STD.
139+30 RT.	P.C.C.	120 SQ. YDS.	SHERWOOD-34
140+20 LT.	P.C.C.	56 SQ. YDS.	SHERWOOD-30
141+73 LT.	P.C.C.	104 SQ. YDS.	SHERWOOD-30
142+29 RT.	P.C.C.	73 SQ. YDS.	SHERWOOD-34
143+01 RT.	P.C.C.	86 SQ. YDS.	SHERWOOD-34
143+52 LT.	P.C.C.	88 SQ. YDS.	SHERWOOD-34

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

DRAWING NUMBER
C-613
SHEET NUMBER

AMWeiner 6/18/2021 8:01:36 AM
WORKSPACE:Garver_2012
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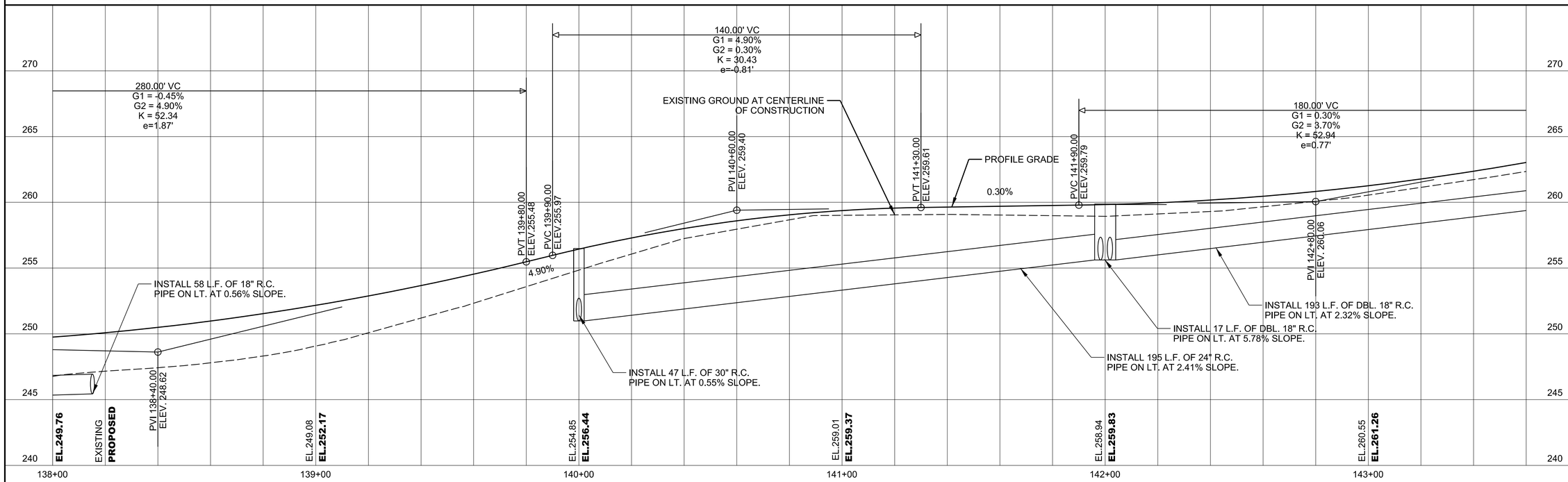
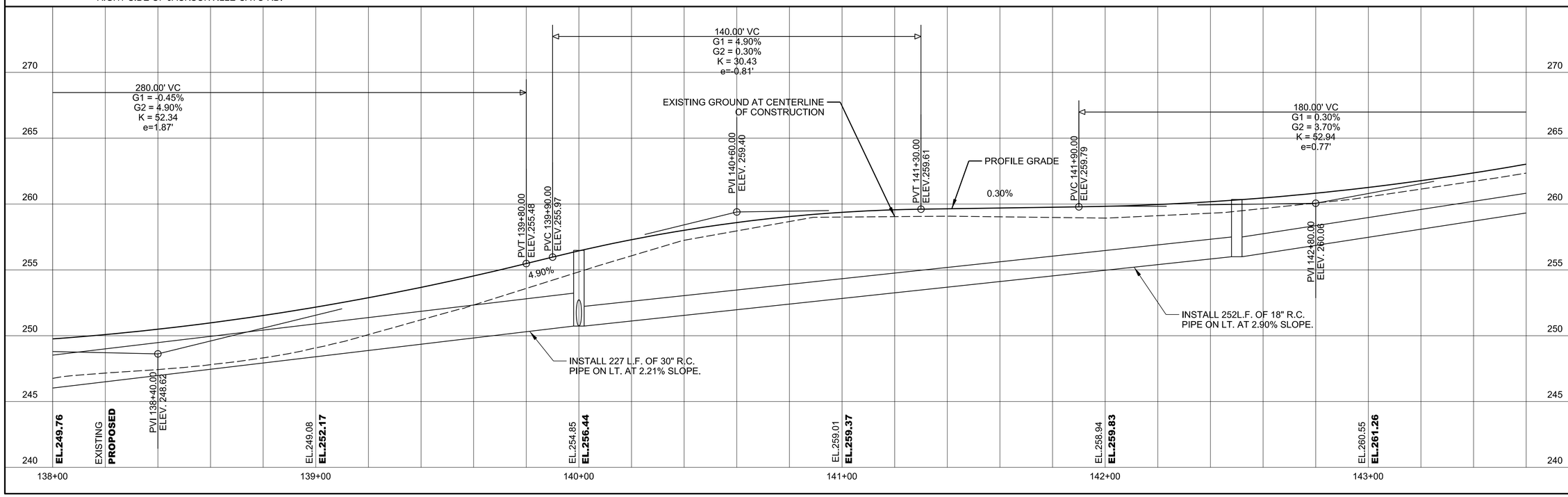
LEFT SIDE OF JACKSONVILLE-CATO RD.



RIGHT SIDE OF JACKSONVILLE-CATO RD.



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PRELIMINARY DESIGN (60%)
NOT FOR CONSTRUCTION

REV.	DATE	DESCRIPTION	BY

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)

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

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

DRAWING NUMBER
C-614

SHEET NUMBER

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WORKSPACE:Garver_2012
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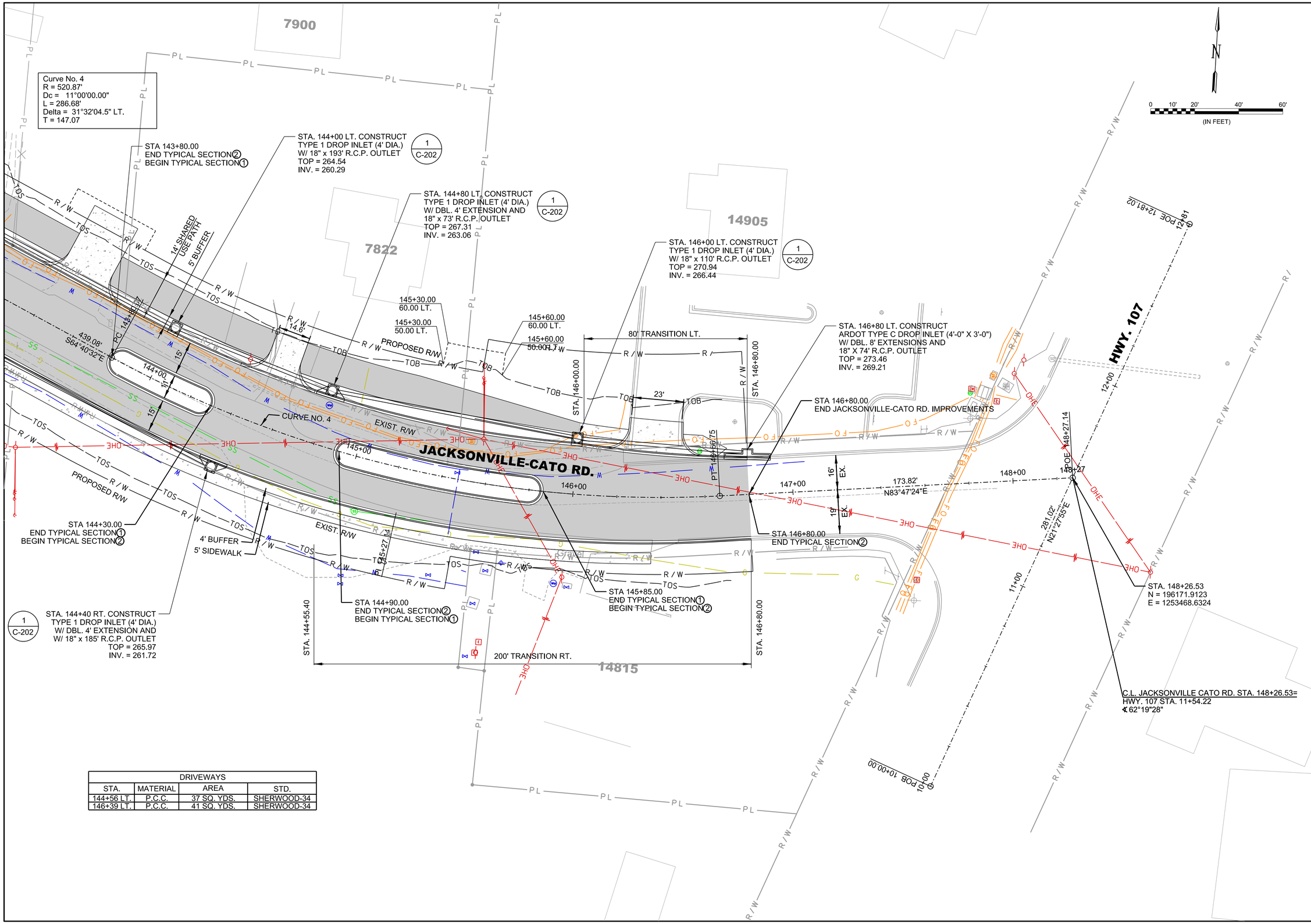

DRIVEWAYS			
STA.	MATERIAL	AREA	STD.
144+56 LT.	P.C.C.	37 SQ. YDS.	SHERWOOD-34
146+39 LT.	P.C.C.	41 SQ. YDS.	SHERWOOD-34

AMWeiner 6/18/2021 8:01:39 AM
WORKSPACE:Garver, 2012
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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 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

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

DRAWING NUMBER
C-615
SHEET NUMBER