PAVING/RESURFACING OF REID STAFFORD/GLEN NURSERY ROAD
FROM CR 229 S TO CR 125 S
PHASE II (SECTION A)

INDEX OF ROADWAY PLANS
SHEET NO. SHEET DESCRIPTION
1 KEY SHEET
2 TYPICAL SECTION
3 GENERAL NOTES
4 PROJECT LAYOUT
5-13 PLAN AND PROFILE
14 INTERSECTION DETAIL
15 SPECIAL DETAILS
16 DRAINAGE DETAILS SPECIAL DITCH PROFILES
17-18 DRAINAGE STRUCTURES
19-50 CROSS SECTIONS
51-53 TEMPORARY TRAFFIC CONTROL

GOVERNING STANDARD PLANS:
Florida Department of Transportation, FY2020-21 Standard Plans for Road and Bridge Construction and applicable Interim Revisions (IRs).

GOVERNING STANDARD SPECIFICATIONS:
Florida Department of Transportation, January 2021 Standard Specifications for Road and Bridge Construction available at the following website: http://www.fdot.gov/design/standardplans

PROJECT LENGTH IS BASED ON # OF CONSTRUCTION

LENETH OF PROJECT

<table>
<thead>
<tr>
<th>COMPONENT</th>
<th>LINEAR FEET</th>
<th>MILES</th>
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<tbody>
<tr>
<td>ROADWAY</td>
<td>6257.25</td>
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<tr>
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</tbody>
</table>

STACIE HARVEY
CLERK OF COURTS

SRIKANTH YELESWARAPU
P.O. BOX 30944
JACKSONVILLE, FL 32217
6465 POWERS AVE
EISMAN & RUSSO, INC
P.E. NO.: 73614

CERTIFICATE OF AUTHORIZATION NO.: 4281
VENDOR NO.: 59-2606484

STATE OF FLORIDA
MAJOR ROADWAY SUPERINTENDENT

DISTRICT 4
DISTRICT 5
DISTRICT 3
DISTRICT 1
CHAIRMAN, DISTRICT 2

COMMISSIONERS
JIMMY ANDERSON CHAIRMAN, DISTRICT 2
JAMES CROFT DISTRICT 1
MARC ROYSEN DISTRICT 3
JAMES BENNET DISTRICT 4
MARK HARLEY DISTRICT 5

CONSTRUCTION CONTRACT NO.: 2021-01
FISCAL YEAR: 2021
SHEET NO.: 1

THIS ITEM HAS BEEN DIGITALLY SIGNED AND SEALED BY
SRIKANTH YELESWARAPU
2021.02.11 17:05:14-05'00'
ON THE DATE ADJACENT TO THE SEAL
PRINTED COPIES OF THIS DOCUMENT ARE NOT CONSIDERED SIGNED AND SEALED AND THE SIGNATURE MUST BE VERIFIED ON ANY ELECTRONIC COPIES.

Roadway Plans
Engineer of Record:

ROBERT FLETCHER
ROADWAY SUPERINTENDENT
TYPICAL SECTION REID STAFFORD/GLEN NURSERY ROAD
STA. 210+12.75 TO STA. 272+70.00

PAVEMENT DESIGN (TRAVEL LANES/PAVED SHOULDERS)

DESIGN SPEED =

30 MPH (STA. 210+00.00 - STA. 230+80.00)
40 MPH (STA. 230+80.00 - STA. 272+70.00)

TYPE B STABILIZATION (12") OR COMPACTED IN SITU SOIL (LBR 40)
LIMESTONE BASE (6") (LBR 100) OR GRADED AGGREGATE BASE (7") (LBR 100)*
TYPE SP STRUCTURAL COURSE TRAFFIC A (1½%).

** GRADED AGGREGATE BASE (7") (LBR 100) ONLY
(DUE TO SEASONAL HIGH GROUNDWATER)
STA. 210+12.75 TO STA. 225+00.00
STA. 243+00.00 TO STA. 253+00.00

* SEE CROSS SECTIONS

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.
### GENERAL NOTES

1. The vertical information obtained from survey is based upon NAVD 1988.

2. All public land corners or benchmarks within the limits of construction are to be protected. The contractor is responsible for replacing any monumentation or control points disturbed during construction. Re-establishment of any monuments or control points will be performed by a professional surveyor and mapper licensed in the State of Florida. These monuments and control points will be shown as replaced on the as-built plans and bear the registration number of the contractor's surveyor.

3. All construction within the county right-of-way shall be in accordance with the latest prevailing Baker County land development regulations, FDOT green book, FDOT design standards, FDOT specifications, and the utility accommodation manual.

4. The contractor shall provide 14 days notification to property owners prior to any removal, relocation, or replacement of existing fences, mailboxes, survey monuments, and section corners, driveways, landscape, etc.

5. Existing mailboxes within the project limits are to be relocated, and the standard mailboxes are to be furnished and installed by the contractor. Mailbox relocation shall comply with FDOT standard index 110.00 during construction. The contractor shall be responsible for maintaining temporary mailboxes/mail service to the property owner.

6. The contractor shall sawcut existing asphalt pavement along straight lines as shown in the plans.

7. Utility contact information:

<table>
<thead>
<tr>
<th>Utility Co.</th>
<th>Telephone No.</th>
<th>Contact Person</th>
</tr>
</thead>
<tbody>
<tr>
<td>Clay Electric</td>
<td>(904) 961-6106</td>
<td>Craig Bearden</td>
</tr>
<tr>
<td>Florida Power &amp; Light, Baker County</td>
<td>(305) 219-9143</td>
<td>Mario Escalona</td>
</tr>
<tr>
<td>Northeast Florida Telephone Company, Inc.</td>
<td>(904) 264-3036</td>
<td>Jered Bearden</td>
</tr>
</tbody>
</table>

8. Existing utilities that are within project limits and not marked for relocation shall remain. Contractor shall take measures to ensure that these utilities are protected from damage.

9. Contractor shall maintain access to all properties at all times.

10. Prior to construction, it shall be the contractor's responsibility to prepare, for approval by the engineer, a detailed and comprehensive erosion and siltation control plan that covers all phases of construction of the project.

11. All existing storm water drainage patterns and channels outside the construction areas shown on these plans are to be maintained. The contractor shall notify the engineer if the work appears to interrupt an existing storm water drainage pattern. The contractor shall maintain a clear path for all surface water drainage structures and ditches during all phases of construction such that impact to construction and/or surrounding facilities is minimized.

12. The contractor shall be responsible for any erosion, sediment transport, disturbed foundations, impact to structures, dewathering, and any other damage caused during construction.

13. The contractor shall prevent the discharge of sediment into drainage ditches due to construction operations. Approved erosion control devices shall be installed to prevent discharge of sediment into a dry or wet watercourse. All new and existing drain pipes and structures shall be flushed clean prior to final payment.

14. Existing street and road name signs identified to be relocated or removed and replaced are to be temporarily relocated during construction and kept visible at all times for the benefit of emergency vehicle traffic.

15. During construction, the contractor shall prevent asphalt and debris from entering drainage inlets (existing or proposed). Inlets within the active work zone shall be inspected and any asphalt or debris removed before proceeding to the next work zone.

### SIGNING AND PAVEMENT MARKING NOTES

1. All existing signs to remain are to be protected and replaced at the contractors expense if damaged during construction.

2. Contractor shall field adjust signs to avoid utility conflicts.

3. All pavement markings shown in the plans are thermoplastic.
SRIKANTH N. YELESWARAPU, P.E.
P.E. LICENSE NUMBER 19004
EISMAN & RUSSO, INC.
6435 POWERS AVE.
JACKSONVILLE, FL 32217
CERTIFICATE OF AUTHORIZATION 4281

BAKER COUNTY
REID STAFFORD
GLEN NURSERY ROAD
PHASE II (SECTION A)

PLAN & PROFILE
<table>
<thead>
<tr>
<th>LOCATION</th>
<th>SIDE</th>
<th>DESIGN NOTES</th>
<th>CONSTRUCTION REMARKS</th>
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<tr>
<td>STA. @ E OF DRIVEWAY</td>
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<tr>
<td>245+20.48</td>
<td>RT</td>
<td>CONST ASPHALT DRIVEWAY, MATCH EXIST. D/W</td>
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<tr>
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<tr>
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<td>5' ASPHALT APRON, 17' WIDE W/ 5' FLARES</td>
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**SUMMARY OF PERMANENT DRIVEWAYS**

**DRIVEWAY TYPICAL**

EXIST. R/W

1' PAVED SHOULDER

5' ASPHALT APRON

5' CONST.

WB

EB

LOCATION

SIDE

NOTES

REMARKS

CONSTRUCTION

REVISED

DATE

DESCRIPTION

SHEET NO.

BAKER COUNTY

REID STAFFORD

OLEN NURSERY ROAD

PHASE II (SECTION A)

SRIKANTH N. YELESWARAPU, P.E.

P.E. LICENSE NUMBER 73614

EISMAN & RUSSO, INC.

PHASE II (SECTION A)

GLEN NURSERY ROAD

REID STAFFORD/

CERTIFICATE OF AUTHORIZATION 4281

SPECIAL DETAILS

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### SPECIAL DITCH PROFILE LEFT

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### SPECIAL DITCH PROFILE RIGHT

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**SRIKANTH N. YELESWARAPU, P.E.**
**P.E. LICENSE NUMBER 73614**
**EISMAN & RUSSO, INC.**
**8455 POWERS AVE.**
**JACKSONVILLE, FL 32217**

**CERTIFICATE OF AUTHORIZATION 4281**

---

**BAKER COUNTY**
**REID STAFFORD/GLEN NURSERY ROAD PHASE II (SECTION A)**

---

**DRAINAGE DETAILS**

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**SPECIAL DITCH PROFILES**
CROSS SECTIONS

SCALE
1" = 10 ft Horizontal
1" = 1 ft Vertical

BAKER COUNTY
REID STAFFORD
GLEN NURSERY ROAD
PHASE II (SECTION A)

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Cross Sections

BAKER COUNTY
REID STAFFORD
GLEN NURSERY ROAD
PHASE II (SECTION A)

CROSS SECTIONS

SCALE
1" = 50' (2000ft)
1" = 1' Vertical

DATE DESCRIPTION SHEET NO.

4/22/2021

SRIKANTH N. YELESWARAPU, P.E.
P.E. LICENSE NUMBER 73614
EISMAN & RUSSO, INC.
5455 POWERS AVE.
JACKSONVILLE, FL 32217
CERTIFICATE OF AUTHORIZATION 4281

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TRAFFIC CONTROL NOTES

1. TRAFFIC CONTROL PLAN DESIGN SPEED FOR DETERMINING SIGN SPACING SHALL BE THE EXISTING POSTED SPEED (25 MPH).

2. NO ROAD CLOSURES WILL BE ALLOWED WITHOUT PRIOR WRITTEN APPROVAL FROM BAKER COUNTY.

3. CONTRACTOR SHALL PROVIDE MAINTENANCE OF TRAFFIC (MOT) PLANS 14 DAYS PRIOR TO THE START OF CONSTRUCTION FOR OWNER/COUNTY APPROVAL.

4. CONTRACTOR SHALL NOTIFY COUNTY MAINTENANCE, CLAY COUNTY SHERIFF’S OFFICE, AND LOCAL FIRE, RESCUE, AND AMBULANCE SERVICES 14 DAYS PRIOR TO CONSTRUCTION.

5. NO WORK SHALL BE PERFORMED BETWEEN THE HOURS OF 8:00 PM AND 8:00 AM.

6. MAINTENANCE OF TRAFFIC PLAN FOR WORK ZONES SHALL BE IN CONFORMANCE WITH ALL APPLICABLE INDICES OF THE FDOT DESIGN STANDARDS INDEX 102 SERIES ACCORDING TO THE TYPE OF WORK BEING PERFORMED.

7. USE DETOUR PROVIDED ON SHEET 53 FOR ALL THRU TRAFFIC DURING CONSTRUCTION OF CROSS DRAINS. THE INTENT IS TO MAINTAIN ONE LANE TWO-WAY TRAFFIC FOR LOCAL RESIDENTS AND MINIMIZE THE DURATION AND NEED OF THE DETOUR.

SEQUENCE OF CONSTRUCTION

PHASE 1

THE INTENT OF THIS PHASE IS TO MAINTAIN LOCAL TRAFFIC ONLY PER STANDARD PLANS INDEX 102 SERIES AND CONSTRUCT TRAVEL LAKES, SHOULDERS AND OTHER CONSTRUCTION ALONG THE WESTBOUND DIRECTION. PROVIDE ALL NECESSARY ADVANCE WARNING SIGNAGE FOR LANE CLOSURES.

1. MAINTAIN ONE LANE TWO-WAY TRAFFIC ON THE EXISTING WESTBOUND ROADWAY.

2. CLEAR AND GRUB THE AREAS FOR ROADWAY CONSTRUCTION ON THE EASTBOUND DIRECTION.

3. CONSTRUCT ALL DRAINAGE RELATED ITEMS ON THE SOUTH SIDE OF REID STAFFORD ROAD.

4. CONSTRUCT STABILIZATION, BASE AND ASPHALT ON THE THE TRAVEL LANES PER TYPICAL SECTION SHEETS, PLAN & PROFILE SHEETS.

5. IF THE RECONSTRUCTION EXTENDS BEYOND ONE WORK PERIOD, PRIOR TO LEAVING WORK SITE, PROVIDE A 1:4 OR Flatter Travel Lane Treatment Per Foot Index 102-600 (Sheet 9 of 12) AND MAINTAIN TWO LANE TWO-WAY TRAFFIC.

PHASE 2

THE INTENT OF THIS PHASE IS TO MAINTAIN LOCAL TRAFFIC ONLY PER STANDARD PLANS INDEX 102 SERIES AND CONSTRUCT TRAVEL LAKES, SHOULDERS AND OTHER CONSTRUCTION ALONG THE EASTBOUND DIRECTION. PROVIDE ALL NECESSARY ADVANCE WARNING SIGNAGE FOR LANE CLOSURES.

1. MAINTAIN ONE LANE TWO-WAY TRAFFIC ON THE ON THE NEWLY CONSTRUCTED EASTBOUND LANE.

2. CLEAR AND GRUB THE AREAS FOR ROADWAY CONSTRUCTION ALONG WESTBOUND DIRECTION.

3. CONSTRUCT ALL DRAINAGE RELATED ITEMS ON THE NORTH SIDE OF REID STAFFORD ROAD.

4. CONSTRUCT STABILIZATION, BASE AND ASPHALT ON THE THE TRAVEL LANES PER TYPICAL SECTION SHEETS, PLAN & PROFILE SHEETS.

5. IF THE RECONSTRUCTION EXTENDS BEYOND ONE WORK PERIOD, PRIOR TO LEAVING WORK SITE, PROVIDE A 1:4 OR Flatter Travel Lane Treatment Per Foot Index 102-600 (Sheet 9 of 12) AND MAINTAIN TWO LANE TWO-WAY TRAFFIC.

DIAGRAMS

DISPLAY 1

DISPLAY 2

DISPLAY 3

DISPLAY 4

DIAGRAMS A & B

DISPLAY 14 DAYS PRIOR TO BEGINNING CONSTRUCTION

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TYPICAL SIDE STREET ADVANCED SIGNING