



*Florida Department of Transportation*

RON DESANTIS  
GOVERNOR

1109 S. Marion Avenue  
Lake City, FL 32025-5874

KEVIN J. THIBAUT, P.E.  
SECRETARY

April 2, 2019

To: Prospective Bidders

Maintenance: Jennifer Curls, Lisa Butler, Sandy Brink, Cassandra Howell, Star Ayers, David Byrd

**Addenda No.: 1, E2Z21, Financial Project # 41021477212**

**Provide labor, materials, equipment, and incidentals to make subgrade subsidence improvements for SR 13 at Majestic Oak Parkway in St. Johns County.**

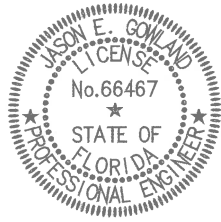
**In response to Bid Q&A Question 25264, attached are the Revised Specifications Package Appendices pages 39-42. Please discard the original Appendices documents pages 39-42 and use the ones attached to this addendum.**

If you are a BID DOCUMENT HOLDER for the subject project, please go to the Online Ordering Web Site at <https://fdotwp1.dot.state.fl.us/contractproposalprocessingonlineordering> to download Amendment File E2Z21.001 for this Bid Document from your Order History.

If you are a BID DOCUMENT HOLDER, please acknowledge receipt of this Addendum in AASHTOWare Project Bids by opening the Acceptance of Bidding Acknowledgements folder and confirming your acknowledgement of Amendment and Addenda files. Failure to load all amendment files will cause the bid to be rejected.

Thank you,

Jim Brown  
District Contracts Administrator  
Phone: 386-758-3778  
Fax: 386-758-3791a



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**Jason E Gowland**  
 Digitally signed by Jason E Gowland  
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THE ABOVE NAMED REGISTERED PROFESSIONAL ENGINEER SHALL BE RESPONSIBLE FOR THE FOLLOWING SHEETS IN ACCORDANCE WITH RULE 61G15-23.004 F.A.C.

SHEET NO.	SHEET DESCRIPTION
S-1	SIGNATURE SHEET
SHEET 1	CEMENT GROUT INJECTION PLAN

REVISIONS		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SIGNATURE SHEET	SHEET NO.	
DATE	DESCRIPTION	DATE	DESCRIPTION	ROAD NO.	COUNTY	FINANCIAL PROJECT ID	SR 13 AT MAJESTIC OAK PARKWAY FRUIT COVE, ST. JOHNS COUNTY, FLORIDA GSE PROJECT NO. 13787
				SR 13	ST. JOHNS	4102147712	

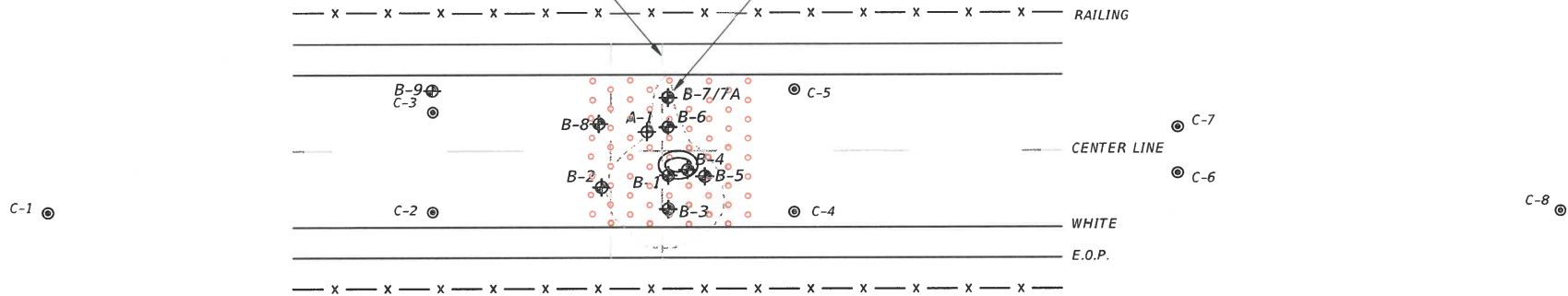
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APPROXIMATE BOX CULVERT LOCATION

APPROXIMATE GPR ANOMALY LOCATION



NOTES

1. REFER TO THE TECHNICAL SPECIAL PROVISION FOR SUBSURFACE INJECTION.
2. CEMENT GROUT INJECTION SHALL BE PERFORMED FROM A MAXIMUM INJECTION DEPTH INDICATED ON THE ADJACENT TABLE TO A MINIMUM DEPTH OF THREE (3) FEET BELOW THE ROADWAY SURFACE.
3. LOCATIONS OF GROUT POINTS APPROXIMATE. DETAILED SURVEY NOT AVAILABLE AT THE TIME OF THIS INVESTIGATION.
4. GROUT POINTS MAY BE RELOCATED ± 6-INCHES IN ANY DIRECTION TO AVOID ANY INTERFERENCE.
5. INJECTION DEPTHS WILL VARY FROM APPROXIMATELY 15 TO 30 FEET BELOW EXISTING GROUND SURFACE, OR AS DIRECTED BY THE ENGINEER.
6. GROUT SEQUENCING WILL START AT INJECTION POINT 1 AND PROCEED IN A CLOCKWISE DIRECTION WITH ALTERNATING LOCATIONS.
7. GROUT INJECTION POINTS LOCATED DIRECTLY ABOVE BOX CULVERT WILL BE INJECTED TO A MAXIMUM DEPTH OF EIGHT (8) FEET BELOW ROAD SURFACE.

APPROXIMATE GROUT PIPE DEPTH INSTALLATION TABLE

BORING ID	APPROXIMATE GROUT PIPE DEPTH
B-1	30 FT
B-2	20 FT
B-3	15 FT
B-4	20 FT
B-5	20 FT
B-6	20 FT
B-7	20 FT
B-8	20 FT
NOTE 7	8 FT

LEGEND

- CEMENT GROUT INJECTION POINT LOCATION
- ⊙ CORE BORING LOCATIONS
- ⊕ SPT BORING LOCATIONS
- ⊕ AUGER BORING LOCATIONS



TYPICAL GRID SPACING  
NOT TO SCALE

REVISIONS		DATE		DESCRIPTION		DATE		DESCRIPTION	
DATE	DESCRIPTION	DATE	DESCRIPTION	DATE	DESCRIPTION	DATE	DESCRIPTION	DATE	DESCRIPTION

JASON E. GOWLAND,  
P.E. 66467  
GSE ENGINEERING &  
CONSULTING, INC.  
CERTIFICATE OF  
AUTHORIZATION 27430

STATE OF FLORIDA  
DEPARTMENT OF TRANSPORTATION

ROAD NO. COUNTY FINANCIAL PROJECT ID  
SR 13 ST. JOHNS 4102147712

CEMENT GROUT INJECTION PLAN

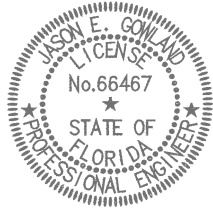
SR 13 AT MAJESTIC OAK PARKWAY  
FRUIT COVE, JOHNS COUNTY, FLORIDA  
GSE PROJECT NO. 13787

SHEET NO.  
1

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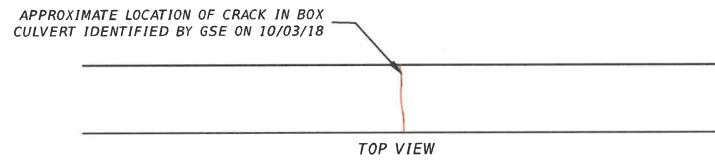
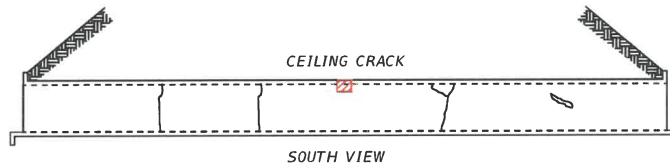
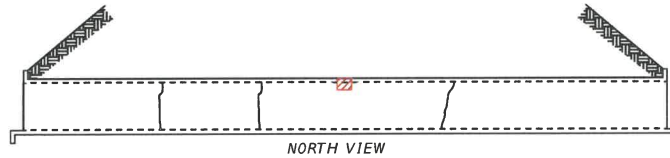
SHEET NO.	SHEET DESCRIPTION
S-1	SIGNATURE SHEET
SHEET 1	CHEMICAL GROUT INJECTION PLAN

REVISIONS		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SIGNATURE SHEET	SHEET NO.	
DATE	DESCRIPTION	DATE	DESCRIPTION	ROAD NO.	COUNTY	FINANCIAL PROJECT ID.	SR 13 AT MAJESTIC OAK PARKWAY FRUIT COVE, ST. JOHNS COUNTY, FLORIDA GSE PROJECT NO. 13787
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**NOTES**

1. REFER TO SECTION 173 FOR SUBSURFACE INJECTION.
2. GROUT INJECTION LOCATIONS TO BE FIELD DETERMINED BY CONTRACTOR AT CRACK LOCATIONS.
3. GROUT SHALL BE INJECTED ON BOTH SIDES OF THE CRACK.
4. CHEMICAL GROUT INJECTION SHALL BE PERFORMED FROM AT A MINIMUM INJECTION DEPTH OF THE THICKNESS THE BOX CULVERT.
5. DETAILED SURVEY NOT AVAILABLE AT THE TIME OF THIS INVESTIGATION.
6. GROUT POINTS MAY BE RELOCATED ± 6-INCHES IN ANY DIRECTION TO AVOID ANY INTERFERENCE.

**LEGEND**

- CHEMICAL GROUT INJECTION POINT LOCATIONS TO BE DETERMINED BY CONTRACTOR
- CRACK IDENTIFIED BY GSE ON 10/03/18
- CEILING CRACK

REVISIONS		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			CHEMICAL GROUT INJECTION PLAN	SHEET NO.		
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				SR 13	ST. JOHNS	4102147712		

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