DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA
TIA PROJECT CONCEPT REPORT

TIA

Project Type:	Replacement	P.I. Number:	0011443
GDOT District:	5	County:	Evans
Federal Route Number:	N/A	MPO ID Number:	N/A
State Route Number:	N/A		

This project intends to replace the existing Daisy-Nevils Hwy roadway bridge over the Canoochee River in Evans County, Georgia. In addition to the bridge replacement, a small section of roadway will be resurfaced and a small section of the existing guardrail will be replaced.

Submitted for approval:

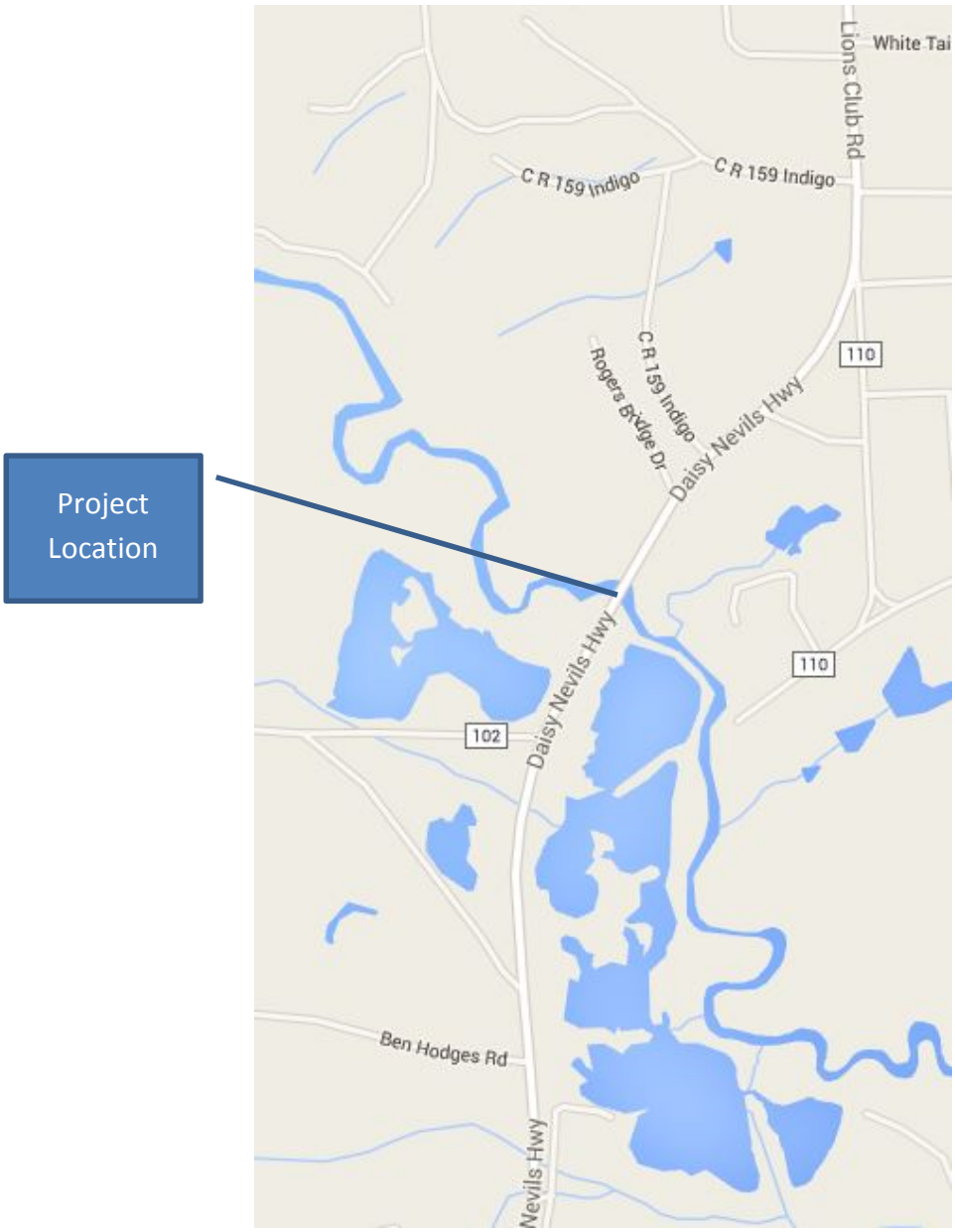
Pond & Company District Engineer/Consultant & Firm	06-20-16 DATE
TIA Project Manager	6/20/16 DATE
GDOT TIA Regional Coordinator	06/20/16 DATE
TIA Program Manager	6/20/16 DATE
GDOT State TIA Administrator	6/29/2016 DATE

Approval:

Concur:	GDOT Director of Engineering	6/30/2016 DATE
Approve:	GDOT Chief Engineer	7/1/16 DATE

PROJECT LOCATION

CR 197/Daisy Nevils Highway @
Canoochee River - TIA
PI# 0011443
Evans County



PLANNING & BACKGROUND DATA

Project Intended Benefit: This project would benefit the public by enhancing safety in the area by replacing the structurally deficient bridge over the Canoochee River with a structure that meets current design and load standards. The replacing of this bridge will also benefit the public by providing a smoother surface for travel, along with optimizing capital asset management.

Description of the proposed project: This project will replace the existing Daisy Nevils Highway roadway bridge over the Canoochee River. The proposed bridge will consist of 11 foot travel lanes and a 2 foot shoulder. The out to out width of the proposed bridge will be 29.25 feet. The proposed bridge will be approximately 350 feet in length. In addition to the bridge replacement a small section roadway will be resurfaced on both sides of the bridge. Additionally, a small section of the existing guardrail will be replaced on both sides of the bridge. In order to minimize costs and expedite the project the proposed bridge replacement will be constructed at the same location that the existing bridge spans the Canoochee River. This will require the use of a detour.

Federal Oversight: ☐ Exempt ☐ State Funded ☒ TIA ☐ Other

Regional Commission: Heart of Georgia-Altamaha RC Project ID: RC09-000027

Congressional District(s): 12

Projected Traffic: ADT
ADT (2011): 590 Future ADT (2031): 885
Traffic information was gathered from the GDOT Bridge Inventory Listing.

Functional Classification (Mainline): Rural Local Road

Complete Streets - Bicycle, Pedestrian, and/or Transit Warrants:
Warrants met: ☒ None ☐ Bicycle ☐ Pedestrian ☐ Transit

Is this a 3R (Resurfacing, Restoration, & Rehabilitation) Project? ☒ No ☐ Yes

Pavement Evaluation and Recommendations

Initial Pavement Evaluation Summary Report Required? ☒ No ☐ Yes
Initial Pavement Type Selection Report Required? ☒ No ☐ Yes
Feasible Pavement Alternatives: ☐ HMA ☐ PCC ☐ HMA & PCC

DESIGN AND STRUCTURAL DATA

Mainline Design Features: CR 197/ Daisy Nevils Highway

Feature	Existing	Standard*	Proposed
Typical Section			
• **Number of Lanes**	**2**	**2**	**2**
• **Lane Width(s)**	**10 ft. – 11 ft.**	**11 ft. – 12 ft.**	**11**
• **Median Width & Type**	**None**	**None**	**None**
• **Outside Shoulder or Border Area Width**	**2 ft. – 6 ft.**	**10 ft.**	**2 ft. – 6 ft.**
• **Outside Shoulder Slope**	**6%**	**6%**	**6%**
• **Posted Speed**	**55 MPH**		**55 MPH**
• **Design Speed**	**55 MPH**	**55 MPH**	**55 MPH**
• **Min Horizontal Curve Radius**	**1750 ft.**	**1060 ft./960 ft.**	**1060 ft.**
• **Maximum Superelevation Rate**	**N/A (NC)**	**6%/8%**	**6%**
Maximum Grade	**2.6 %**	**7 %**	**7%**
Design Vehicle	**S-BUS36**	**S-BUS36**	**S-BUS36**
Pavement Type	**Asphalt**	**Asphalt**	**Asphalt**

*According to current GDOT design policy if applicable

Major Structures:

Structure	Existing	Proposed
ID: 10-0020-0	2 lanes, 100 foot max span length, 351 feet long, 24 foot roadway width, 30.20 deck width, total horizontal clearance 24 feet, 2 foot curb width.	2 lanes, 11 foot lanes, 2 foot shoulders. 29.25' out to out width, with deck drainage. Approximately 350 feet in length. Span spacing to be determined.

Major Interchanges/Intersections: None

Lighting required: ☒ No ☐ Yes

Off-site Detours Anticipated: ☐ No ☒ Yes ☐ Undetermined

Offsite detour is necessary to reduce the cost of the project and decrease the length of the constructions schedule. Installation of a temporary bridge would be too expensive, and is not justified given the low ADT of Daisy Nevils Hwy. Coordination between local representatives and the GDOT TIA Office has taken place, with the local representatives agreeing that a detour makes the most sense for this project. A Detour Plan has been attached to the Concept Report.

Transportation Management Plan [TMP] Required: ☐ No ☒ Yes
If Yes: Project classified as: ☒ Non-Significant ☐ Significant
TMP Components Anticipated: ☒ TTC ☐ TO ☒ PI

Design Exceptions to FHWA/AASHTO controlling criteria anticipated: ☒ No ☐ Yes

Design Variances to GDOT Standard Criteria anticipated: ☐ No ☒ Yes
Shoulder Width (DV)
Bridge Width/Bridge Shoulder Width (DV)

Utility Involvements: Georgia Power, Canoochee EMC, Excelsior EMC, and AT&T all have facilities in the area.

AT&T telephone lines will likely need to be relocated or replaced as they are attached to the right side of the existing bridge.

SUE Required: ☒ No ☐ Yes

Railroad Involvement: None

Right-of-Way (ROW): Existing width: 190 ft. Proposed width: *N/A*
Required Right-of-Way anticipated: ☒ None ☐ Yes ☐ Undetermined
Easements anticipated: ☒ None ☐ Temporary ☐ Permanent ☐ Utility ☐ Other

Anticipated total number of impacted parcels:		0
Displacements anticipated:	Businesses:	0
	Residences:	0
	Other:	0
	Total Displacements:	0

ENVIRONMENTAL DATA

Anticipated Environmental Document:
GEPA: ☐ Type A Letter ☒ Type B Letter
NEPA: ☐ CE ☐ EA/FONSI

* GEPA DOCUMENT IS NOT REQUIRED - HIRAL PATEL

Project Air Quality:
Is the project located in a PM 2.5 Non-attainment area? ☒ No ☐ Yes
Is the project located in an Ozone Non-attainment area? ☒ No ☐ Yes

Is a Carbon Monoxide hotspot analysis required? ☒ No ☐ Yes

MS4 Compliance – Is the project located in an MS4 area? ☒ No ☐ Yes

Environmental Permits/Variances/Commitments/Coordination anticipated: A Nationwide or Regional 404 permit is anticipated. Compensatory mitigation requirements and the need for a Stream Buffer Variance are unknown at this time.

NEPA/GEPA Comments & Information: The project is not anticipated to have any historical, archaeological, or air quality impacts. Studies are underway. The project is expected to have impacts to jurisdictional waters, however an Individual Permit and PAR is not expected. The project is also not expected to adversely affect any protected species.

Other projects in the area: PI-0012081 Replace Bridge over Scotts Creek on Daisy Nevils Road

Other coordination to date:

- Kick-off Meeting held on 03-14-2016 (See attached Meeting Agenda).
- Evans County agreed via phone conversation to allow for road closure and detour.

Project Cost Estimate and Funding Responsibilities:

Current Budget Estimate					
	Breakdown of PE	Breakdown of ROW	Breakdown of Reimbursable Utilities	Breakdown of CST	Total Cost
TIA Programmed Budget $					**$1,745,000**
State - HB 170					**$500,000**
Total Budget					**$2,245,000**
Estimated $ Amount	$359,000	$0	$0	$1,468,873	
Project Contingency $	$2,677	$1,673	$16,952	$158,220	
LOE & Program $ Amount	$5,055	$3,160	$6,318	$58,970	
Total Estimated Cost	**$366,732**	**$4,833**	**$23,270**	**$1,686,063**	**$2,080,898**

Note: 1. Budget Contingency includes project contingency, program contingency, and program level of effort costs.

2. Construction Estimate includes Construction, 5.5% CEI, and Environmental Mitigation (As Applicable).

ALTERNATIVES DISCUSSION

Preferred Alternative: Replace the existing Daisy-Nevils Hwy Bridge			
Estimated Property Impacts:	**0**	**Estimated Total Cost:**	**$2,080,898**
Estimated ROW Cost:	**$0.00**	**Estimated CST Time:**	**12 -16 months**
Rationale: The Preferred Alternative meets the need of the project to replace the existing Daisy-Nevils Bridge and meets the programmed budget, due to the additional HB 170 funds.			

No-Build Alternative: Do not replace the existing Daisy-Nevils Bridge			
Estimated Property Impacts:	**0**	**Estimated Total Cost:**	**$0.00**
Estimated ROW Cost:	**$0.00**	**Estimated CST Time:**	**0**
Rationale: The No-Build Alternative does not meet the project intended benefit and would leave in place an aging bridge.			

Comments/additional information:

Attachments:

1. Concept Layout
2. Typical Sections
3. Profile
4. Cost Estimate
5. Kick-Off Meeting Agenda
6. Detour Plan
7. Bridge Inventory Data Listing

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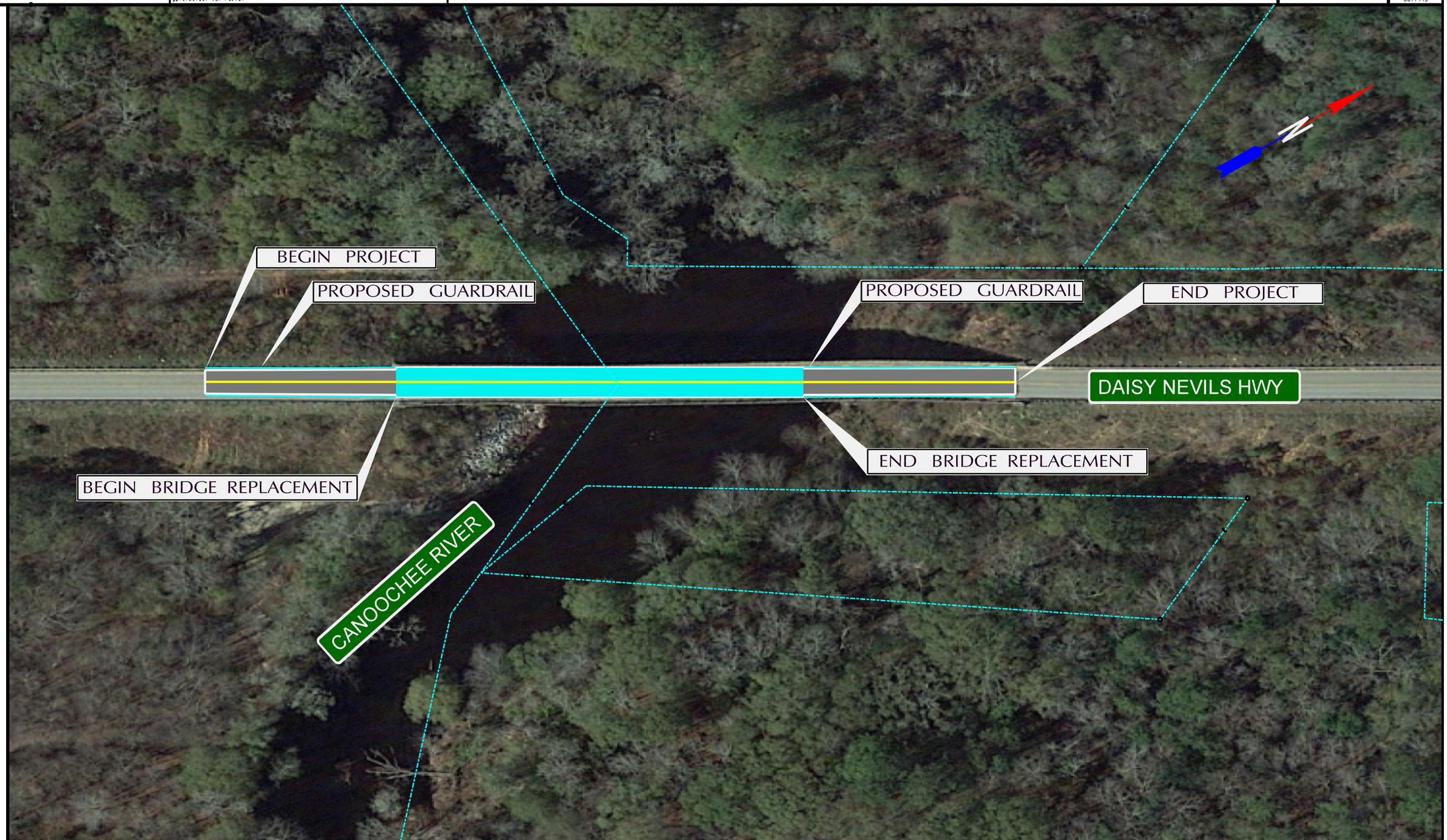

Pavement Overlay

Proposed Bridge

GDOT

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SCALE IN FEET
0 40 80 160

REVISION DATES

CONCEPT LAYOUT
DAISY NEVILS BRIDGE REPLACEMENT

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DRAWING No.
SHEET 1

4/28/2016 GPLH

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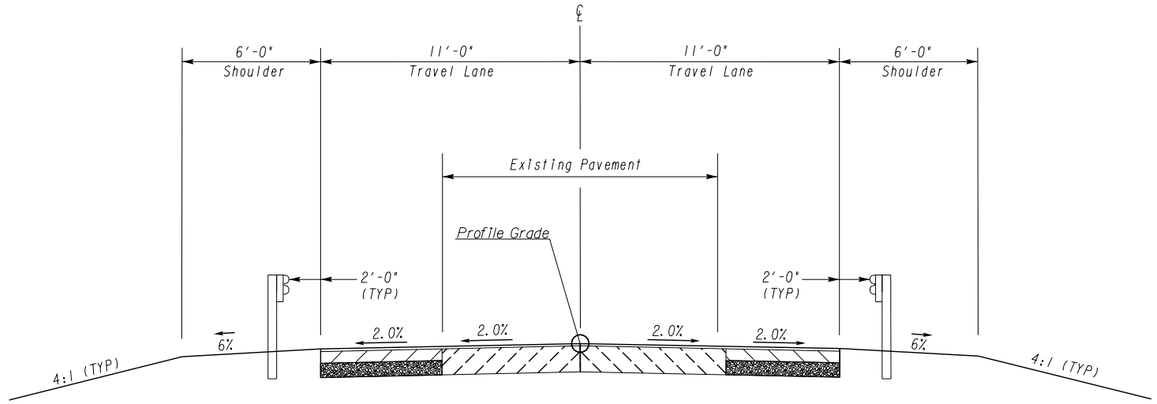

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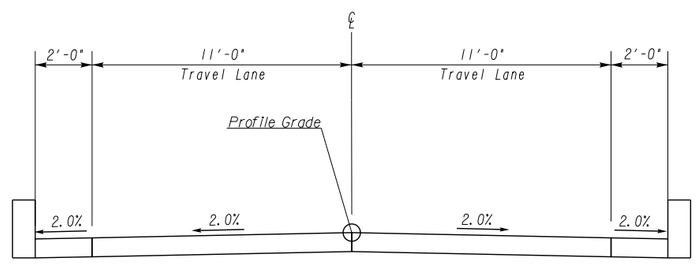
ROADWAY SECTION



TS-002

BRIDGE SECTION

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REVISION DATES

TYPICAL SECTIONS

DAISY NEVILS BRIDGE REPLACEMENT

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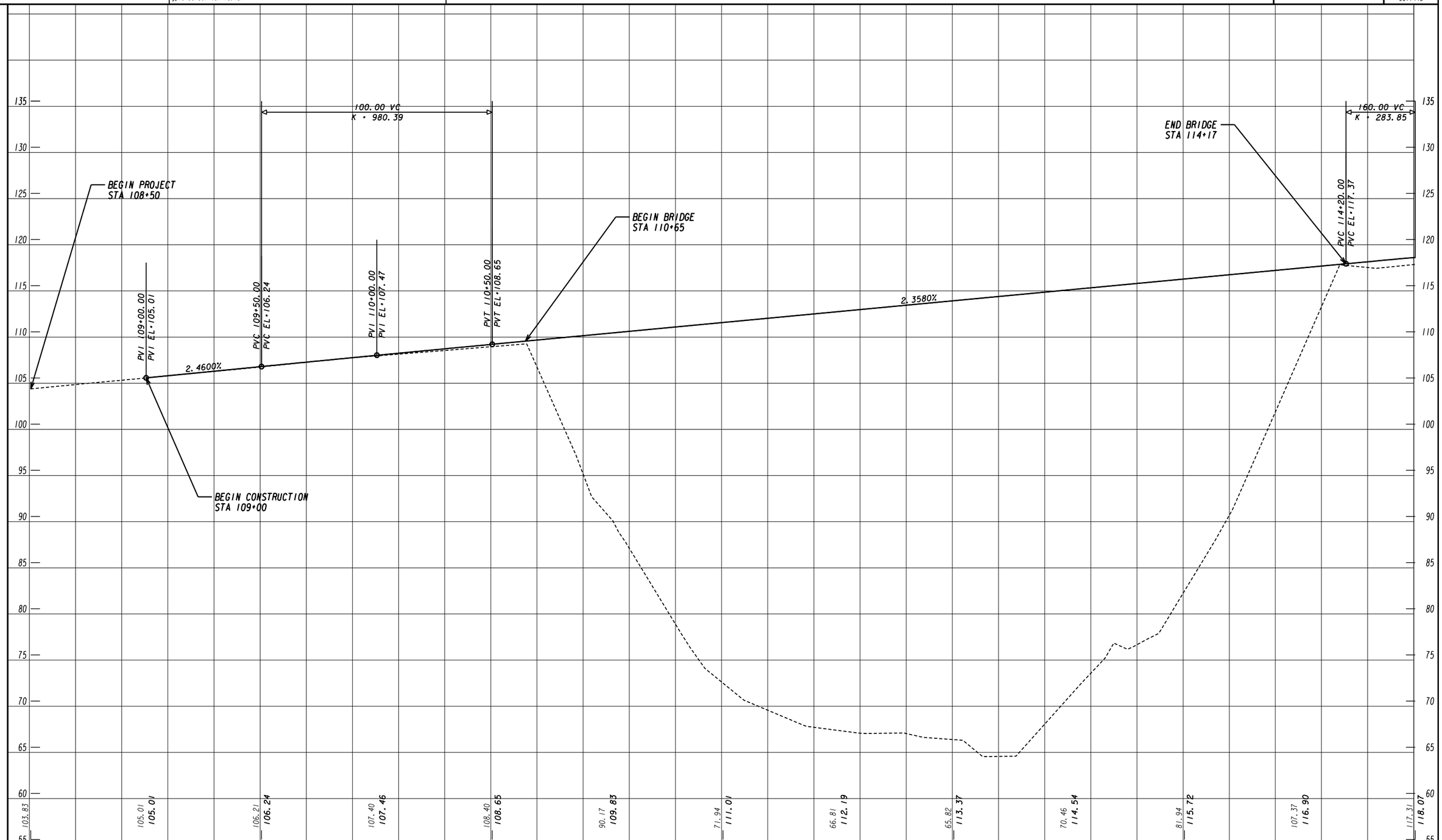

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SCALE 1 inch = 5 feet Vert.
SCALE 1 inch = 20 feet Horz.

REVISION DATES

MAINLINE PROFILE

DAISY NEVILS BRIDGE REPLACEMENT

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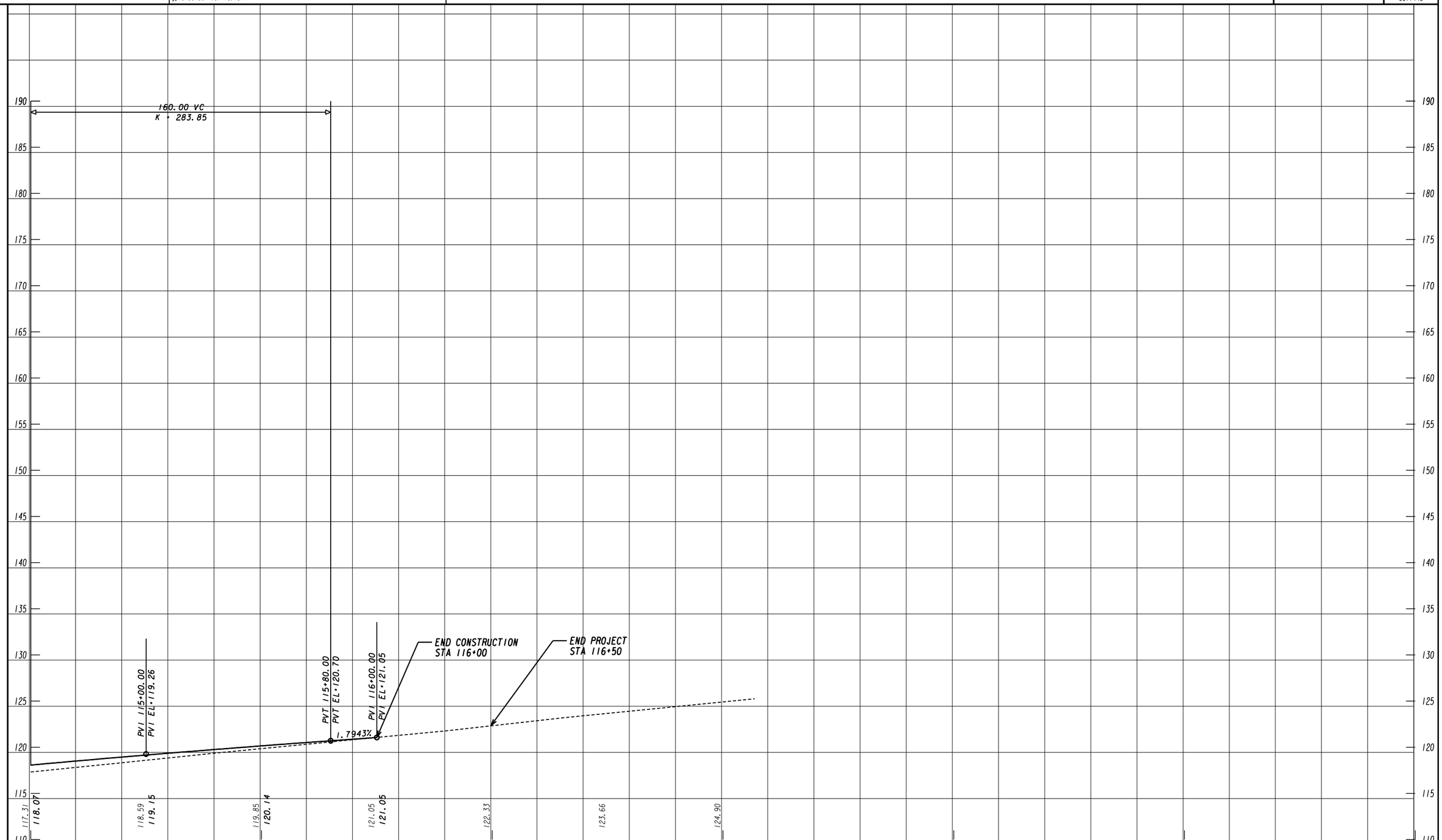

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SCALE 1 inch = 5 feet Vert.
SCALE 1 inch = 20 feet Horz.

REVISION DATES

MAINLINE PROFILE
DAISY NEVILS BRIDGE REPLACEMENT

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VERIFIED:		DATE:	

DRAWING No.
15-0002

STATE HIGHWAY AGENCY

DATE : 06/01/2016

JOB DETAIL ESTIMATE

JOB NUMBER: 0011443

DESCRIPTION: DAISY NEVILS BRIDGE REPLACEMENT

ITEMS FOR JOB 0011443

LINE	ITEM	UNITS	DESCRIPTION	QUANTITY	PRICE	AMOUNT
005	150-0001	LS	TRAFFIC CONTROL, NON-REFUNDABLE DEDUCT	1	$ 20,000.00	$ 20,000.00
015	210-0100	LS	GRADING COMPLETE - LUMP SUM	1	$ 50,000.00	$ 50,000.00
020	310-5100	SY	GR AGGR BS CRS 10IN INCL MATL	93	$ 27.90	$ 2,594.83
025	402-3113	TN	RECYL AC 12.5MM SP,GP1/2,BM&HL	67	$ 78.03	$ 5,228.48
030	402-1812	TN	RECYL AC LEVELING,INC BM&HL	2	$ 141.49	$ 282.98
0.35	500-9999	CY	CL B CONC,BASE OR PVMT WIDEN	16	$ 223.53	$ 3,576.62
040	413-0750	GL	TACK COAT	41	$ 2.98	$ 122.18
045	446-1100	LF	PVMT REF FAB STRIPS, TP2,18 INCH WIDTH	44	$ 8.60	$ 378.48
050	641-1100	LF	GUARDRAIL, TP T	85	$ 68.72	$ 5,841.50
055	641-1200	LF	GUARDRAIL, TP W	263	$ 19.49	$ 5,128.11
060	653-1501	LF	THERMO SOLID TRAF ST 5 IN, WHI	1400	$ 0.63	$ 895.71
065	653-1502	LF	THERMO SOLID TRAF ST, 5 IN YEL	1400	$ 0.61	$ 859.33
070	654-1001	EA	RAISED PVMT MARKERS TP 1	18	$ 5.74	$ 103.42
075	636-1036	SF	HWY SGN,TP1MAT,REFL SH TP 11	18	$ 17.81	$ 320.58
080	636-2070	LF	GALV STEEL POSTS, TP 7	26	$ 9.27	$ 241.15
085	163-0232	AC	TEMPORARY GRASSING	3	$ 883.34	$ 2,650.04
090	163-0240	TN	MULCH	40	$ 227.26	$ 9,090.63
095	163-0300	EA	CONSTRUCTION EXIT	2	$ 1,785.64	$ 3,571.30
100	165-0030	LF	MAINT OF TEMP SILT FENCE, TP C	350	$ 1.78	$ 626.21
105	165-0101	EA	MAINT OF CONST EXIT	2	$ 574.20	$ 1,148.41
110	171-0030	LF	TEMPORARY SILT FENCE, TYPE C	700	$ 4.28	$ 3,001.43
115	700-6910	AC	PERMANENT GRASSING	3	$ 1,373.35	$ 4,120.06
120	700-7000	TN	AGRICULTURAL LIME	3	$ 103.40	$ 310.22
125	700-8000	TN	FERTILIZER MIXED GRADE	2	$ 570.05	$ 1,140.11
130	700-8100	LB	FERTILIZER NITROGEN CONTENT	50	$ 4.00	$ 200.39
135	716-2000	SY	EROSION CONTROL MATS, SLOPES	3000	$ 1.82	$ 5,476.02
140	167-1000	EA	WATER QUALITY MONITORING AND SAMPLING	6	$ 372.34	$ 2,234.05
145	167-1500	MO	WATER QUALITY INSPECTIONS	18	$ 1,030.29	$ 18,545.27
150	540-1102	LS	REM OF EX BR, BR NO - DEMO EXIST BRIDGE	1	$ 373,739.00	$ 373,739.00
155	543-9000	LS	CONSTR OF BRIDGE COMPLETE - NEW BRIDGE COST	1	$ 877,500.00	$ 877,500.00

ITEM TOTAL	$ 1,398,926.51
INFLATED ITEM TOTAL	$ 1,398,926.51

TOTALS FOR JOB 0011443

ESTIMATED COST:	$ 1,398,926.51
CEI (5.5):	$ 69,946.33
ESTIMATED TOTAL:	$ 1,468,872.84

Meeting Agenda

Subject: Daisy Nevils Highway over Canoochee River, PI 0011443

Date: March 14, 2016

Location: 19th Floor Conference Room

Invitees: Eric Wilkinson, TIA Regional Coordinator
Dan Bodycomb, TIA Regional Project Manager
Glenn Martin, TIA Environmental
Susan Beck, GDOT Bridge
Lyn Clements, GDOT Bridge
Ron Osterloh, Pond and Company
Mark Edwards, Pond and Company

The purpose of the meeting is to highlight TIA procedures and kickoff the Daisy Nevils Highway project.

DISCUSSION:

1) Total Budget - $1,745,000
   a) **Pond to actively manage all phases**: Totals based upon current Project Financial Report (PFR)
      (1) PE $ 342,869
      (2) ROW $ 2,131
      (3) UTL $ 0
      (4) CST $ 1,400,000
      i) Can shift money between phases
      ii) Pay close attention to ROW and UTL costs
   b) Project Management Spreadsheet (cost estimates)
      (1) PE $ 366,762
      (2) ROW $ 54,833
      (3) UTL $ 73,270
      (4) CST $ 1,247,190
      i) Values include : LOE, Program Costs, and Contigency
      ii) Values include : CEI approximately 5.5% of CST/UTL amount

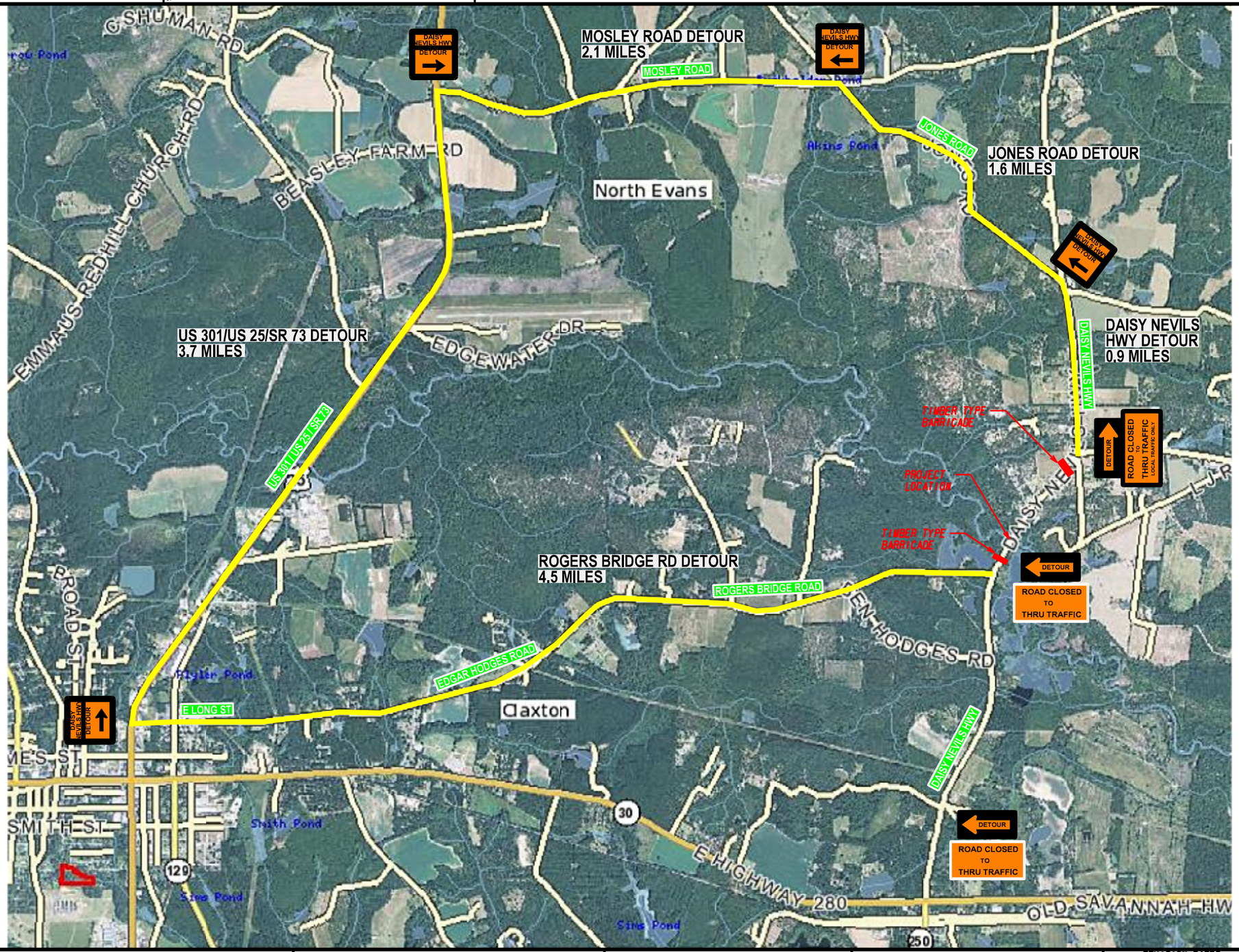
2) Invoices
   a) Follow the TIA Manual – current version located on www.ga-tia.com
   b) Sample forms (Invoice Cover and DBE Form)
   c) Email to TIAInvoices@dot.ga.gov
   d) Questions can be directed to Cathy McQuade – cmcquade@dot.ga.gov – 404.631.1453

3) Scope
   a) 100% TIA Project
      i) Follow the TIA Manual
      ii) Off System
      iii) GDOT Let

b) Task Order – On-Call Contract
   i) Conduct PIOH meeting
   ii) Perform required surveys including bridge survey and bridge hydraulic survey
   iii) Develop concept report and associated layouts
   iv) Provide environmental studies for CE and permits
   v) Preliminary, ROW, and Final construction plans
   vi) Incorporate final bridge plans as prepared by GDOT
   vii) Develop and update as necessary construction cost estimates
   viii) Submit final construction documents for bid
c) Concept Phase requirements
   i) Concept template – Minor TIA Project
   ii) All submittals to be sent to TIA PM
d) Environmental Phase requirements
   i) GEPA
   ii) Follow Environmental Procedures Manual (EPM)
   iii) Submit special studies and GEPA directly to Laura Dawood and cc PM
      ldawood@dot.ga.gov
      direct: 678.808.8849 cell: 770.548.9904
e) Design
   i) Field Work
      (1) complete right of entry letter prior to starting (sample provided)
      (2) database may be submitted to GDOT Location for approval
   ii) Utilities
      (1) Pond to submit plans directly to utilities for mark-ups – (Forms provided)
      (2) Pond to provide status updates:
         (a) During submittals
         (b) After deadlines pasted
      (3) TIA Office can assist with utility owner identification
         (a) Nona Guildford – TIA Utility Coordinator
         (b) nguilford@dot.ga.gov 404.631.1193
   iii) Right-of-Way
      (1) Use TIA ROW Cost Estimate spreadsheet (on website)
      (2) TIA ROW Manager can assist with land values
         (a) Cheryl Brewer – TIA ROW Manager
         (b) cbrewer@dot.ga.gov 706.832.1412
   iv) Plan Production
      (1) FPR to be held near start of Final Plans
      (2) All plan submittals to PM
      (3) S&E package will follow GDOT's normal let procedures. (18wk, 10wk, 5wk)

4) Schedule
   a) Pond to generate and submit detailed schedule
   b) TIA currently has Let date of July 2018

5) Project History
   a) Stated benefit from investment report
   b) Approval from Evans County to close road



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SCALE IN FEET
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REVISION DATES

STAGING DETAILS
DAISY NEVILS BRIDGE REPLACEMENT

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BACKCHECKED:		DATE:	
CORRECTED:		DATE:	
VERIFIED:		DATE:	

DRAWING No.
20-0001

Processed Date:5/27/2016

Parameters: Bridge Serial Num

Bridge Inventory Data Listing

Structure ID:109-0020-0 **Evans** **SUFF. RATING: 66.50**

Location & Geography

Structure ID:	109-0020-0
200 Brdge Information:	06
*6A Feature Int:	CANOOCHEE RIVER
*6B Critical Bridge:	
*7A Route No Carried:	CR00197
*7B Facility Carried:	FAS 733
9 Location:	4 MI E OF CLAXTON
2 Dot District:	4841500000 - D5 District Five Jesup
207 Year Photo:	2013
*91 Inspection Frequency:	24 Date: 01/26/2016
92A Fract Crit Insp Freq:	0 Date: 02/01/1901
92B Underwater Insp Freq:	60 Date: 01/26/2016
92C Other Spc. Insp Freq:	00 Date: 02/01/1901
* 4 Place Code:	00000
*5 Inventory Route(O/U):	1
Type:	4 - County
Designation:	1- Mainline
Number:	00733
Direction:	0. Not applicable
*16 Latitude:	32.0000- 10.7352 HMMS Prefix:
*17 Longtitude:	81.0000- 49.7154 HMMS Suffix:
	MP: 0.00
98 Border Bridge:	% Shared:00
99 ID Number:	000000000000000
*100 STRAHNET:	0- The Feature is not a STRAHNET route.
12 Base Highway Network:	1
13A LRS Inventory Route:	1092019700
13B Sub Inventory Route:	0.00
*101 Parallel Structure:	N. No parallel structure exists
*102 Direction of Traffic:	2- Two Way
*264 Road Inventory Mile Post:	001.90
*208 Inspection Area:	Area 05 Initials: KAS
Engineer's Initials:	bcn
* Location ID No:	109-00733F-010.60N

*104 Highway System:	0- Inventory Route is not on the NHS
*26 Functional Classification:	7- Rural - Major Collector
*204 Federal Route Type:	S - Secondary. No: 00733
105 Federal Lands Highway:	0. Not applicable
*110 Truck Route:	0
206 School Bus Route:	1
217 Benchmark Elevation:	0000.00
218 Datum:	0- Not Applicable
*19 Bypass Length:	11
*20 Toll:	3- On a Free Road or Non-Highway
*21 Maintanance:	02-County Highway Agency.
*22 Owner:	02-County Highway Agency.
*31 Design Load:	2- H 15
37 Historical Significance:	5- Not eligible for the National Register of Historic Places
205 Congressional District:	012
27 Year Constructed:	1959
106 Year Reconsrtucted:	0
33 Bridge Median	0-None
34 Skew:	0
35 Structure Flared:	No
38 Navigation Control:	0- Navigation is not controlled by an Agency
213 Special Steel Design:	0- Not applicable or other
267 Type of Paint:	0- Not Applicable.
*42 Type of Service On:	1-Highway
Type of Service Under:	5-Waterway
214 Movable Bridge:	0
203 Type Bridge:	I - Concre - O. Concrete O. Concrete- O. Concrete
259 Pile Encasement	3
*43 Structure Type Main:	2-Concrete (Continuous) 4-Tee Beam
45 No.Spans Main:	5
44 Structure Type Appr:	0- Other 0- Other
46 No Spans Appr:	0
226 Bridge Curve Horz	0 Vert: 0.00
111 Pier Protection	N - Navigation Control item coded 0, or Feature not a waterway
107 Deck Structure Type:	
108 Wearing Structure Type:	
Membrane Type:	
Deck Protection:	

Signs & Attachments

225 Expansion Joint Type:	01- Armored joint (sliding plates).	
242 Deck Drains:	1- Open Scuppers.	
243 Parapet Location:	0- None present.	
Height:	0.00	
Width:	0.00	
238 Curb Height:	1	
Curb Material:	1- Concrete.	
239 Handrail	1- Concrete.	1- Concrete.
*240 Median Barrier Rail:	0- None.	
241 Bridge Median Height:	0	
* Bridge Median Width:	0	
230 Guardrail Loc. Dir. Rear:	3- Both sides.	
Fwrd:	3- Both sides.	
Oppo. Dir. Rear:	0- None.	
Oppo. Fwrd:	0- None.	
244 Aproach Slab	3- Forward and Rear.	
224 Retaining Wall:	0- None.	
233Posted Speed Limit:	55	
236 Warning Sign:	0.00	
234 Delineator:	0.00	
235 Hazard Boards:	0	
237 Utilities Gas:	00- Not Applicable	
Water:	00- Not Applicable	
Electric:	00- Not Applicable	
Telephone:	32- Side Right.	
Sewer:	00- Not Applicable	
247 Lighting Street:	0	
Navigation:	0	
Aerial:	0- Not	
*248 County Continuity No.:	00	

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Bridge Inventory Data Listing

Structure ID:109-0020-0

Programming Data

201 Project No:	S-0733 (3)
202 Plans Available:	0- No Plans Available.
249 Prop Proj No:	00000000000000000000000
250 Approval Status:	7001
251 PI Number:	0000000
252 Contract Date:	02/01/1901
260 Seismic No:	00000
75 Type Work:	31- Replacement due to load 1- Work to be done by contract
94 Bridge Imp: Cost:	$1,371
95 Roadway Imp. Cost:	$137
96 Total Imp Cost:	$2057
76 Imp Length:	0
97 Imp Year:	2013
114 Furure ADT:	885 Year:2031

Hydralic Data

215Waterway Data:	
High Water Elev:	0000.0 Year:1900
Flood Elev:	0000.0 Freq:00
Avg Streambed Elev:	0000.0
Drainage Area:	00000
Area of Opening:	000000
113 Scour Critical	U. No Load Rating; no scour critical data entered.
216 Water Depth:	7.4 Br.Height:36.8
222 Slope Protection:	1
221Spur Dikes Rear	0 Fwd:0
219 Fender System	0- None.
220 Dolphin:	
223 Culvert Cover:	000
Type:	0- Not Applicable
No. Barrels:	0
Width:	0.00 Height:0
Length:	0 Apron:0
*265 U/W Insp. Area	1 Diver:JWO
*Location ID No:	109-00733F-010.60N

Measurements:

*29 ADT	590Year:2011
109 %Trucks:	1
* 28 Lanes On:	2 Under:0
210 No. Tracks On:	00 Under:00
* 48 Max. Span Length	100
* 49 Structure Length:	351
51 Br. Rwdy. Width	24.00
52 Deck Width:	30.20
* 47 Tot. Horiz. Cl:	24
50 Curb / Sidewalk Width	2.00 / 2.00
32 Approach Rdwy. Width	22
*229 Shoulder Width:	
Rear Lt:	4.00 Type:8 - Rt:4
Fwd. Lt:	4.00 Type:8 - Grass Rt:4
Pavement Width:	
Rear:	21.50 Type: 2- Asphalt.
	21.60 Type: 2- Asphalt.
Intersaction Rear:	0 Fwd: 1
36Safety Features Br. Rail:	2- Inspected feature meets acceptable construction date standards.
Transition:	2- Inspected feature meets acceptable construction date standards.
App. G. Rail:	2- Inspected feature meets acceptable construction date standards.
App. Rail End:	2- Inspected feature meets acceptable construction date standards.
53 Minimum Cl. Over:	99'99"
Under:	N- Feature not a highway or railroad. 0.00'0.00"
*228 Minimum Vertical Cl	
Act. Odm Dir::	99 ' 99"
Oppo. Dir:	99' 99"
Posted Odm. Dir:	00' 00"
Oppo. Dir:	00'00 "
55 Lateral Undercl. Rt:	N- Feature not a highway or railroad. 0.00
56 Lateral Undercl. Lt:	0.00
*10 Max Min Vert Cl:	99' 99" Dir:0
39 Nav Vert Cl:	000 Horiz:0
116 Nav Vert Cl Closed:	000
245 Deck Thickness Main	7.00
Deck Thick Approach:	0.00
246 Overlay Thickness:	0.00
212 Year Last Painted:	Sup:0000 Sub:0000

65 Inventory Rating Method:	2-Allowable Stress (AS)
63 Operating Rating Method:	2-Allowable Stress (AS)
66 Inventory Type:	2 - HS loading. Rating: 20
64 Operating Type:	2 - HS loading. Rating: 32
231Calculated Loads:	
H-Modified:	16 0
HS-Modified:	21 0
Type 3:	18 0
Type 3s2:	28 0
Timber:	27 0
Piggyback:	00 0
261 H Inventory Rating:	15
262 H Operating Rating	24
67 Structural Evaluation:	5
58 Deck Condition:	5 - Fair Condition
59 Superstructure Condition:	6 - Satisfactory Condition
* 227 Collision Damage:	
60A Substructure Condition:	6 - Satisfactory Condition
60B Scour Condition:	7 - Good Condition
60C Underwater Condition	7 - Good Condition
71 Waterway Adequacy:	8-Equal to present desirable criteria.
61 Channel Protection Cond.:	8
68 Deck Geometry:	4
69 UnderClr. Horz/Vert:	N
72 Appr. Alignment:	8-No reduction of vehicle operating speed required.
62 Culvert:	N - Not Applicable

Posting Data

70 Bridge Posting Required	5. Equal to or above legal loads
41 Struct Open, Posted, CL:	P. Posted for load
* 103 Temporary Structure:	0
232 Posted Loads	
H-Modified:	10
HS-Modified:	00
Type 3:	00
Type 3s2:	00
Timber:	00
Piggyback	00
253 Notification Date:	02/01/1901
258 Fed Notify Date:	02/01/1901

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