



# FLORIDA DEPARTMENT OF Environmental Protection

Northwest District  
160 W. Government Street, Suite 308  
Pensacola, FL 32502

**Ron DeSantis**  
Governor

**Jeanette Nuñez**  
Lt. Governor

**Shawn Hamilton**  
Secretary

November 8, 2021

Florida Department of Transportation  
c/o Erica Brookman  
1074 Highway 90, PO Box 607  
Chipley, Florida 32428  
[Erica.Brookman@dot.state.fl.us](mailto:Erica.Brookman@dot.state.fl.us)

File No. 0404637-002-SFM-39, Liberty County

Dear Ms. Brookman:

On May 26, 2021, we received your notice of intent to use a General Permit (GP), pursuant to Rule 62-331.217, Florida Administrative Code (F.A.C.), to replace a structurally deficient bridge with two 11-foot lanes by two 6-foot paved shoulders, constructed on the same alignment maintaining two travel lanes, with safety improvements consisting of bridge shoulders and slope corrections. The bridge replacement will result in approximately 0.183 acres of permanent impacts to mixed forested wetlands and 0.174 acres of temporary impacts to mixed forested wetlands, within the landward extent of Yellow River Creek, a Class III Florida Waterbody. The activities authorized by this permit are located off County Road 67, Hosford, Florida 32334, within the Liberty County Right-of-Way, in Section 29, Township 02 North, Range 05 West in Liberty County, at 30°16'59.30" North Latitude, 84°45'7.46" West Longitude.

Your intent to use a general permit has been reviewed by Department staff for State 404 Program authorization. **Your project qualifies for authorization.** However, this letter does not relieve you from the responsibility of obtaining other federal, state, or local authorizations that may be required for the activity.

### **State 404 Program Review – Approved**

Based on the forms, drawings, and documents submitted with your notice, it appears that the project meets the requirements for the General Permit under Rule 62-331.217, F.A.C. Any activities performed under a general permit are subject to general conditions required in Rule 62-331.201, F.A.C., the conditions of Rule 62-331.217, F.A.C. (attached), and any specific conditions, below. Any deviations from these conditions may subject the permittee to enforcement action and possible penalties. Please read each section carefully.

Please be advised that the construction phase of the GP must be completed by December 22, 2025. State 404 Program permits cannot be extended or renewed.

### **Specific Conditions**

1. All wetland areas and water bodies, which are outside the specific limits of construction authorized by this permit, must be protected from erosion, siltation, scouring and/or dewatering using best management practices. Erosion controls shall be positioned at the edge of permitted fill slopes where they are adjacent to wetlands in order to prevent turbid run-off, erosion, and sedimentation.
2. Prior to construction, the limits of the proposed construction shall be demarcated (clearly flagged and/or staked): particularly in areas adjacent to remaining natural wetlands. All construction personnel shall be shown the location(s) of all wetland areas outside of the construction area so as to prevent encroachment from heavy equipment into these areas.
3. This permit does not authorize the permittee to cause any adverse impact to or “take” of state listed species and other regulated species of fish and wildlife. Compliance with state laws regulating the take of fish and wildlife is the responsibility of the owner or applicant associated with this project. Please refer to Chapter 68A-27 of the Florida Administrative Code for definitions of “take” and a list of fish and wildlife species. If listed species are observed onsite, FWC staff are available to provide decision support information or assist in obtaining the appropriate FWC permits. Most marine endangered and threatened species are statutorily protected and a “take” permit cannot be issued. Requests for further information or review can be sent to [FWCConservationPlanningServices@MyFWC.com](mailto:FWCConservationPlanningServices@MyFWC.com).
4. Prior to construction or impacts authorized by this permit, the permittee shall provide the Department with documentation that 0.09 credits for Palustrine Forested habitat have been deducted from the Shuler In-Lieu Fee Mitigation Area.
5. Prior to the initiation of any work authorized by this permit, floating turbidity screens with weighted skirts shall be placed around the project area. The screens shall be maintained and shall remain in place for the duration of the project construction to ensure that turbidity levels outside the construction area do not exceed 29 NTU’s above background levels. The permittee shall be responsible for ensuring that turbidity control devices are inspected daily and maintained in good working order so that there are no violations of state water quality standards outside of the turbidity screens.
6. Construction equipment shall not be repaired or refueled in wetlands or elsewhere within waters of the state.
7. Any damage to wetlands outside of the authorized impact areas as a result of construction shall be immediately reported to the Department at (850)595-8300 and repaired by reestablishing the pre-construction elevations and replanting vegetation of the same species, size, and density as that in the adjacent areas. The restoration shall be completed within 30 days of completion of construction, and the Department shall be notified of its completion within that same 30-day period.

8. The permittee shall be responsible for ensuring that erosion control devices/procedures are inspected and maintained daily during all phases of construction authorized by this permit until all areas that were disturbed during construction are sufficiently stabilized to prevent erosion, siltation, and turbid discharges.

9. The reporting address for any submittals required herein for compliance or as a requirement of the Regional General Permit shall be submitted to the Department. Submittals shall be made electronically (via e-mail, CD or DVD, or through a file transfer site) when practicable and shall include the permittee's name and permit number 0404637-002-SFM/39. Email submittals shall be sent to [NWD\\_Epost@FloridaDEP.gov](mailto:NWD_Epost@FloridaDEP.gov) with a subject line of "Compliance: permit number 0404637-002-SFM/39", or by mail to:

Department of Environmental Protection  
Northwest District  
ATTN: Compliance Assurance (ERP)  
160 W. Government Street, Suite 308  
Pensacola, Florida 32502

10. There shall be no storage or stockpiling of tools, materials (i.e. lumber, pilings, debris) within wetlands or elsewhere within waters of the state.

Authority for review – Part IV of Chapter 373, Florida Statutes (F.S.), and Title 62, F.A.C.

#### **Additional Information**

Please retain this general permit. The activities may be inspected by authorized state personnel in the future to ensure compliance with appropriate statutes and administrative codes. If the activities are not in compliance, you may be subject to penalties under Chapter 373, F.S., and Chapter 18-14, F.A.C.

#### **NOTICE OF RIGHTS**

This action is final and effective on the date filed with the Clerk of the Department unless a petition for an administrative hearing is timely filed under Sections 120.569 and 120.57, F.S., before the deadline for filing a petition. On the filing of a timely and sufficient petition, this action will not be final and effective until further order of the Department. Because the administrative hearing process is designed to formulate final agency action, the subsequent order may modify or take a different position than this action.

#### **Petition for Administrative Hearing**

A person whose substantial interests are affected by the Department's action may petition for an administrative proceeding (hearing) under Sections 120.569 and 120.57, F.S. Pursuant to Rules 28-106.201 and 28-106.301, F.A.C., a petition for an administrative hearing must contain the following information:

(a) The name and address of each agency affected and each agency's file or identification number, if known;

- (b) The name, address, any e-mail address, any facsimile number, and telephone number of the petitioner, if the petitioner is not represented by an attorney or a qualified representative; the name, address, and telephone number of the petitioner's representative, if any, which shall be the address for service purposes during the course of the proceeding; and an explanation of how the petitioner's substantial interests will be affected by the agency determination;
- (c) A statement of when and how the petitioner received notice of the agency decision;
- (d) A statement of all disputed issues of material fact. If there are none, the petition must so indicate;
- (e) A concise statement of the ultimate facts alleged, including the specific facts that the petitioner contends warrant reversal or modification of the agency's proposed action;
- (f) A statement of the specific rules or statutes that the petitioner contends require reversal or modification of the agency's proposed action, including an explanation of how the alleged facts relate to the specific rules or statutes; and
- (g) A statement of the relief sought by the petitioner, stating precisely the action that the petitioner wishes the agency to take with respect to the agency's proposed action.

The petition must be filed (received by the Clerk) in the Office of General Counsel of the Department at 3900 Commonwealth Boulevard, Mail Station 35, Tallahassee, Florida 32399- 3000, or via electronic correspondence at [Agency\\_Clerk@dep.state.fl.us](mailto:Agency_Clerk@dep.state.fl.us). Also, a copy of the petition shall be mailed to the applicant at the address indicated above at the time of filing.

#### Time Period for Filing a Petition

In accordance with Rule 62-110.106(3), F.A.C., petitions for an administrative hearing by the applicant and persons entitled to written notice under Section 120.60(3), F.S., must be filed within 21 days of receipt of this written notice. Petitions filed by any persons other than the applicant, and other than those entitled to written notice under Section 120.60(3), F.S., must be filed within 21 days of publication of the notice or within 21 days of receipt of the written notice, whichever occurs first. You cannot justifiably rely on the finality of this decision unless notice of this decision and the right of substantially affected persons to challenge this decision has been duly published or otherwise provided to all persons substantially affected by the decision. While you are not required to publish notice of this action, you may elect to do so pursuant Rule 62- 110.106(10)(a).

The failure to file a petition within the appropriate time period shall constitute a waiver of that person's right to request an administrative determination (hearing) under Sections 120.569 and 120.57, F.S., or to intervene in this proceeding and participate as a party to it. Any subsequent intervention (in a proceeding initiated by another party) will be only at the discretion of the presiding officer upon the filing of a motion in compliance with Rule 28-106.205, F.A.C. If you do not publish notice of this action, this waiver will not apply to persons who have not received written notice of this action.

#### Extension of Time

Under Rule 62-110.106(4), F.A.C., a person whose substantial interests are affected by the

Department's action may also request an extension of time to file a petition for an administrative hearing. The Department may, for good cause shown, grant the request for an extension of time. Requests for extension of time must be filed with the Office of General Counsel of the Department at 3900 Commonwealth Boulevard, Mail Station 35, Tallahassee, Florida 32399- 3000, or via electronic correspondence at [Agency\\_Clerk@dep.state.fl.us](mailto:Agency_Clerk@dep.state.fl.us), before the deadline for filing a petition for an administrative hearing. A timely request for extension of time shall toll the running of the time period for filing a petition until the request is acted upon.

#### Mediation

Mediation is not available in this proceeding.

#### FLAWAC Review

The applicant, or any party within the meaning of Section 373.114(1)(a) or 373.4275, F.S., may also seek appellate review of this order before the Land and Water Adjudicatory Commission under Section 373.114(1) or 373.4275, F.S. Requests for review before the Land and Water Adjudicatory Commission must be filed with the Secretary of the Commission and served on the Department within 20 days from the date when this order is filed with the Clerk of the Department.

#### Judicial Review

Once this decision becomes final, any party to this action has the right to seek judicial review pursuant to Section 120.68, F.S., by filing a Notice of Appeal pursuant to Florida Rules of Appellate Procedure 9.110 and 9.190 with the Clerk of the Department in the Office of General Counsel (Station #35, 3900 Commonwealth Boulevard, Tallahassee, Florida 32399-3000) and by filing a copy of the Notice of Appeal accompanied by the applicable filing fees with the appropriate district court of appeal. The notice must be filed within 30 days from the date this action is filed with the Clerk of the Department.

If you have any comments regarding this matter, please contact Whitney Bretana at the letterhead address, at (850)595-0658, or at [Whitney.Bretana@FloridaDEP.gov](mailto:Whitney.Bretana@FloridaDEP.gov)

#### **EXECUTION AND CLERKING**

Executed in Pensacola, Florida.

STATE OF FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION



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Kimberly R Allen  
Permitting Program Administrator

KRA:wb

Attachments:

Rule 62-331.217, F.A.C., 2 pages

General Conditions for All General Permits, Rule 62-331.201, F.A.C., 5 pages

File Name: CR 67 Yellow Creek Bridge Replacement

File No: 0404637-002-SFM-39

Page 6 of 24

Certification of Compliance with State 404 Program General Permit, 1 page  
Project Drawings, 36 pages

### **CERTIFICATE OF SERVICE**

The undersigned duly designated deputy clerk hereby certifies that this document and all attachments were sent on the filing date below to the following listed persons:

Kim Allen, DEP, [Kim.Allen@FloridaDEP.gov](mailto:Kim.Allen@FloridaDEP.gov)

Jennifer Waltrip, DEP, [Jennifer.Waltrip@FloridaDEP.gov](mailto:Jennifer.Waltrip@FloridaDEP.gov)

Whitney Bretana, DEP, [Whitney.Bretana@FloridaDEP.gov](mailto:Whitney.Bretana@FloridaDEP.gov)

Christin Corman, EGS, Inc., [Christin.Gorman@egs-us.com](mailto:Christin.Gorman@egs-us.com)

Liberty County, [Liberty1@gtcom.net](mailto:Liberty1@gtcom.net), [cityofbristol@fairpoint.net](mailto:cityofbristol@fairpoint.net)

### **FILING AND ACKNOWLEDGMENT**

FILED, on this date, pursuant to Section 120.52, F. S., with the designated Department Clerk, receipt of which is hereby acknowledged.



    
Clerk

November 8, 2021

Date

**62-331.217 General Permit for Linear Transportation Projects.**

(1) This general permit authorizes the following activities:

(a) Activities required for crossings of state-assumed waters associated with the construction, expansion, modification, or improvement of linear transportation projects (e.g., roads, highways, railways, trails, airport runways, and taxiways) in state-assumed waters.

1. The activity cannot cause the loss of greater than 1/2-acre of state-assumed waters.

2. Any stream channel modification, including bank stabilization, is limited to the minimum necessary to construct or protect the linear transportation project; such modifications must be in the immediate vicinity of the project.

(b) Temporary structures, fills, and work, including the use of temporary mats, necessary to construct the linear transportation project.

1. Appropriate measures must be taken to maintain normal downstream flows and minimize flooding to the maximum extent practicable, when temporary structures, work, and fill, including cofferdams, are necessary for construction activities, access fills, or dewatering of construction sites.

2. Temporary fills must consist of materials, and be placed in a manner, that will not be eroded by expected high flows.

3. Temporary fills must be removed in their entirety and the affected areas returned to pre-construction elevations.

4. The areas affected by temporary fills must be revegetated.

(2) This general permit does not authorize:

(a) Non-linear features commonly associated with transportation projects, such as vehicle maintenance or storage buildings, parking lots, train stations, or aircraft hangars.

(b) Activities within the Belle Meade South area bounded by I-75 to the north, CR 951 to the west, Miller Canal to the east, and U.S. 41 to the south in Collier County.

(c) Activities within Golden Gate Estates, south of Alligator Alley in Collier County.

(d) Activities within Golden Gate Estates, that together with other activities exceed 0.5 acres of dredging or filling within Golden Gate Estates north of Alligator Alley in Collier County.

(3) The permittee must submit a notice of intent to use this general permit to the agency prior to commencing the activity if:

(a) The loss of state-assumed waters exceeds 1/10-acre.

(b) There is dredging or filling in a special aquatic site, including wetlands. (c) The project is in the following rivers, creeks, and their tributaries.

1. Escambia River

2. Yellow River

3. Shoal River

4. Choctawhatchee River

5. Chipola River

6. Apalachicola River

7. Ochlockonee River

8. Santa Fe River

9. New River (Bradford and Union County line)

10. Econfina Creek.

(4) For activities that require notice of intent to use this general permit, the notice must include any other general permit(s), or individual permit(s) used or intended to be used to authorize any part of the proposed project or any related activity, including other separate and distant crossings that require authorization but do not require submittal of a notice of intent.

(5) For linear transportation projects crossing a single waterbody more than one time at separate and distant locations, or multiple waterbodies at separate and distant locations, each crossing is considered a single and complete project for purposes of the general permit authorization.

(6) The Agency shall require mitigation, when necessary, to ensure that the authorized activity results in no more than minimal individual and cumulative adverse environmental effects.

**Editor notes: The effective date of the rule will be the effective date of assumption, which is the date identified by EPA as published in the Federal Register §373.4146, F.S.**

*Rulemaking Authority 373.026(7), 373.043, 373.118(1), 373.4131, 373.414(9), 373.4145, 373.4146(2), 403.805(1) FS. Law Implemented 373.118, 373.129, 373.136, 373.413,*



**Conditions for General Permits – Rule 62-331.201, F.A.C.**

(1) General permits shall be subject to the conditions in subsections (2) and (3), below, and the general conditions for all general permits in Rule 62-330.405, F.A.C., except subsections 62-330.405(7) and (10), F.A.C. The Agency may revise the general conditions in Rule 62-330.405, F.A.C. to include references to applicable rules under this Chapter, as necessary.

(2) When a project requires submittal of a notice of intent to use a general permit, the Agency shall impose specific conditions as necessary to assure that the activities will be conducted in compliance with this Chapter, and in a manner which minimizes adverse impacts upon the physical, chemical, and biological integrity of wetlands or other surface waters, such as mitigation, monitoring, reporting, or recordkeeping requirements and protection measures for listed species or historical resources.

(3) In addition, general permits under this Chapter are subject to the following conditions:

(a) Aquatic Life Movements. No activity may substantially disrupt the necessary life cycle movements of those species of aquatic life indigenous to the waterbody, including those species that normally migrate through the area, unless the activity's primary purpose is to impound water. All permanent and temporary crossings of waterbodies shall be suitably culverted, bridged, or otherwise designed and constructed to maintain low flows to sustain the movement of those aquatic species. If a bottomless culvert cannot be used, then the crossing shall be designed and constructed to minimize adverse effects to aquatic life movements.

(b) Spawning Areas. Activities in spawning areas during spawning seasons must be avoided to the maximum extent practicable. Activities that result in the physical destruction (e.g., through excavation, fill, or downstream smothering by substantial turbidity) of an important spawning area are not authorized.

(c) Migratory Bird Breeding Areas. Activities in state-assumed waters that serve as breeding areas for migratory birds must be avoided to the maximum extent practicable.

(d) Shellfish Beds. No activity may occur in areas of concentrated shellfish populations, unless the activity is directly related to a shellfish harvesting activity authorized by general permits in Rule 62-331.211 or 62-331.244, F.A.C., or is a shellfish seeding or habitat restoration activity authorized by the general permit in Rule 62-331.225, F.A.C.

(e) Suitable Material. No activity may use unsuitable material (e.g., trash, debris, car bodies, asphalt, etc.). Material used for construction or fill must be free from toxic pollutants in toxic amounts as listed in section 307 of the CWA, which is incorporated by reference in subparagraph 62-331.053(3)(a)3., F.A.C., or state law.

(f) Water Supply Intakes. No activity may occur within 1000 feet of a public water supply intake, except where the activity is for the repair or improvement of public water supply intake structures or adjacent bank stabilization.

(g) Fills Within 100-year Floodplains. The activity shall comply with applicable FEMA-approved state or local floodplain management requirements.

(h) Single and Complete Project. The activity must be a single and complete project. The same general permit cannot be used more than once for the same single and complete project unless otherwise stated within the general permit. (See 404 Handbook, section 3.2.1).

(i) Wild and Scenic Rivers. No general permit activity may occur in a component of the National Wild and Scenic Rivers System, or in a river officially designated by Congress as a study river for possible inclusion in the System while the river is in an official study status, unless the appropriate federal agency with direct management responsibility for such river has determined in writing that the proposed activity will not adversely affect the Wild and Scenic River designation or study status.

(j) Tribal Rights. No general permit activity may cause more than minimal adverse effects on tribal rights (including treaty rights, settlement rights, or rights reserved under state or federal law), protected tribal resources (including cultural or burial resources off reservation), tribal waters, or to tribal lands.

(k) Listed species. No activity is authorized under any general permit which is likely to directly or indirectly jeopardize the continued existence of an endangered or threatened species or a species proposed for such designation, or which will directly or indirectly destroy or adversely modify the critical habitat of such species. No activity is authorized under any general permit which may affect a listed species or critical habitat, unless the Agency has consulted with, or been provided technical assistance by the Florida Fish & Wildlife Conservation Commission, the U.S. Fish & Wildlife Service, and the National Marine Fisheries Service under their respective authorities and appropriate measures to address the effects of the proposed activity have been implemented or are required as a specific condition to the general permit.

(l) Migratory Birds and Bald and Golden Eagles. The permittee is responsible for ensuring their action complies with the Migratory Bird Treaty Act, 16 U.S.C. §§ 703 – 712 (2018), incorporated by reference herein (<https://www.flrules.org/Gateway/reference.asp?No=Ref-12068>), and the Bald and Golden Eagle Protection Act, 16 U.S.C. §§ 668 – 668(d) (2018), incorporated by reference herein (<https://www.flrules.org/Gateway/reference.asp?No=Ref-12069>). The permittee is responsible for contacting the appropriate local office of the U.S. Fish and Wildlife Service to determine applicable measures to reduce impacts to migratory birds or eagles, including whether incidental take permits are necessary and available under the Migratory Bird Treaty Act or Bald and Golden Eagle Protection Act for a particular activity.

(m) Historic Properties. In cases where the Agency determines, based on information from SHPO, that the activity may have the potential to cause effects to properties listed, or eligible for listing, in the National Register of Historic Places, the activity is not authorized until a determination of “no effect” or “no adverse effect” is provided by SHPO.

(n) Manatees. In waters that are accessible to manatees, the permittee shall follow the “Standard Manatee Conditions for In-Water Work (2011)”, incorporated by reference herein (<https://www.flrules.org/Gateway/reference.asp?No=Ref-12070>).

(o) Sea turtles, smalltooth sawfish, Gulf sturgeon, or shortnose sturgeon. In waters that are accessible to these species, the permittee shall follow the “Sea Turtle and Smalltooth Sawfish Construction Conditions” (March 23, 2006), incorporated by reference herein (<https://www.flrules.org/Gateway/reference.asp?No=Ref-12071>).

(p) Use of Multiple General Permits. The use of more than one general permit under this Chapter for a single and complete project is prohibited, except when specified within a specific general permit, or when the acreage loss of state-assumed waters authorized by the general permits does not exceed the acreage limit of the general permit with the highest specified acreage limit.

(q) Transfer of General Permit Verifications. If the permittee sells the property associated with the general permit verification, the permittee shall transfer the general permit verification to the new owner by submitting a completed Form 62-331.100(1) – “Transfer of State 404 Program General Permit Verification” (effective date), incorporated by reference in subsection 62-331.100(2), F.A.C., within 30 days of the sale, to the Agency that processed the original notice.

(r) Compliance Certification. Each permittee who receives a general permit verification letter under this Chapter must submit a completed Form 62-331.200(1) – “Certification of Compliance with a State 404 Program General Permit” (effective date), incorporated by reference in subsection 62-331.200(4), F.A.C., within 30 days of completion of the authorized activity, or the implementation of any required compensatory mitigation, whichever is later.

(s) Activities Affecting Structures or Work Built by the United States. If an activity also requires permission from the Corps pursuant to 33 U.S.C. § 408 because it will alter or temporarily or permanently occupy or use a Corps federally authorized Civil Works project, the prospective permittee is responsible for obtaining such permission separately from the Corps prior to commencing activities authorized by the general permit.

(t) If during the ground disturbing activities and construction work within the permit area, there are archaeological or cultural materials encountered which were not the subject of a previous cultural resources assessment survey or to which such impacts were not anticipated, including but not limited to pottery, modified shell, flora, fauna, human remains, ceramics, stone tools or metal implements, dugout canoes, evidence of structures or any other physical remains that could be associated with Native American cultures or early colonial or American settlement; the Permittee shall immediately stop all work and ground-disturbing activities within a 100-meter diameter of the discovery and notify the Agency within the same business day. The Agency shall then notify the State Historic Preservation Officer (SHPO) and the appropriate Tribal Historic Preservation Officer(s) (THPO(s)) or tribe when the interested tribe does not have a THPO, to assess the significance of the discovery and devise appropriate actions.

(u) Additional cultural resources assessments may be required of the permit area in the case of unanticipated discoveries or effects to historic properties as referenced in accordance with condition (t), above, and if deemed necessary by the SHPO, or THPO(s), Tribes, or Agency. Based on the circumstances of the discovery, equity to all parties, and considerations of the public interest, the Agency may modify, suspend, or revoke the permit in accordance with Rule 62-331.080, F.A.C. Such activity shall not resume without written authorization from the SHPO and THPO(s), or tribe when the interested tribe does not have a THPO, concerning potential effects to cultural resources or historic properties for finds under their jurisdiction, and from the Agency.

(v) In the event that unmarked human remains are identified, they shall be treated in accordance with Section 872.05, F.S. All work and ground-disturbing activities within a 100-meter diameter of the unmarked human remains shall immediately cease and the Permittee shall immediately notify the medical examiner, Agency, and State Archaeologist within the same business day. The Agency shall then notify the appropriate SHPO and THPO(s) and appropriate tribes and other appropriate consulting parties. Based on the circumstances of the discovery, equity to all parties, and considerations of the public interest, the Agency may modify, suspend, or revoke the permit in accordance with Rule 62-331.080, F.A.C. Such activity shall not resume without written authorization from the medical examiner, State Archaeologist, and from the Agency. Additionally, if the unmarked remains were identified on federal lands, or lands where the Archaeological Resources Protection Act, 16 U.S.C. §§ 470aa – 470mm (2018), incorporated by reference herein (<https://www.flrules.org/Gateway/reference.asp?No=Ref-12072>), or the Native American Graves Protection Repatriation 25 U.S.C. §§ 3001-3013 (2018), incorporated by reference herein (<https://www.flrules.org/Gateway/reference.asp?No=Ref-12073>), applies, such activity shall not resume without written authorization from the SHPO, the appropriate THPO(s), and the federal land manager.

(w) Noncompliance. The permittee shall timely notify the Agency of any expected or known actual noncompliance.

(x) Inspection and entry. The permittee shall allow the Agency, upon presentation of proper identification, at reasonable times to:

1. Enter upon the permittee's premises where a regulated activity is located or where records must be kept under the conditions of the permit,
2. Have access to and copy any records that must be kept under the conditions of the permit,
3. Inspect operations regulated or required under the permit, and
4. Sample or monitor, for the purposes of assuring permit compliance or as otherwise authorized by the Act, any substances or parameters at any location.

(y) The permittee shall comply with all conditions of the permit, even if that requires halting or reducing the permitted activity to maintain compliance. Any permit violation constitutes a violation of Part IV of Chapter 373, F.S., and this Chapter, as well as a violation of the CWA.

(z) The permittee shall take all reasonable steps to prevent any unauthorized dredging or filling in violation of this permit.

(aa) Upon Agency request, the permittee shall provide information necessary to determine compliance status, or whether cause exists for permit modification, revocation, or termination.

*Rulemaking Authority 373.026(7), 373.043, 373.118(1), 373.4131, 373.414(9), 373.4145, 373.4146(2), 403.805(1)  
FS. Law Implemented 373.118, 373.129, 373.136, 373.413, 373.4131, 373.414, 373.4145, 373.4146, 373.416,  
373.422, 373.423, 373.429 FS. History – New 12.22.2020.*

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## Certification of Compliance with a State 404 Program General Permit

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Instructions: To be completed, executed, and submitted to the Agency within 30 days of completion of the authorized activity.

Permit No: \_\_\_\_\_ Permittee's Name: \_\_\_\_\_

Permittee's Address: \_\_\_\_\_

Telephone Number: \_\_\_\_\_

Location of the Work: \_\_\_\_\_

Date Work Started: \_\_\_\_\_ Date Work Completed: \_\_\_\_\_

PROPERTY IS INACCESSIBLE WITHOUT PRIOR NOTIFICATION: YES      NO  
TO SCHEDULE AN INSPECTION, PLEASE CONTACT                      AT

Description of the Work (e.g., bank stabilization, residential or commercial filling, docks, dredging, etc.):  
\_\_\_\_\_  
\_\_\_\_\_

Acres or Square Feet of Impacts to state-assumed waters:  
Describe Mitigation completed (if applicable):  
\_\_\_\_\_  
\_\_\_\_\_

Describe any Deviations from Permit (attach drawing(s) depicting the deviations):  
\_\_\_\_\_  
\_\_\_\_\_

I certify that all work, and mitigation (if applicable) was done in accordance with the limitations and conditions as described in the permit. Any deviations as described above are depicted on the attached drawing(s).

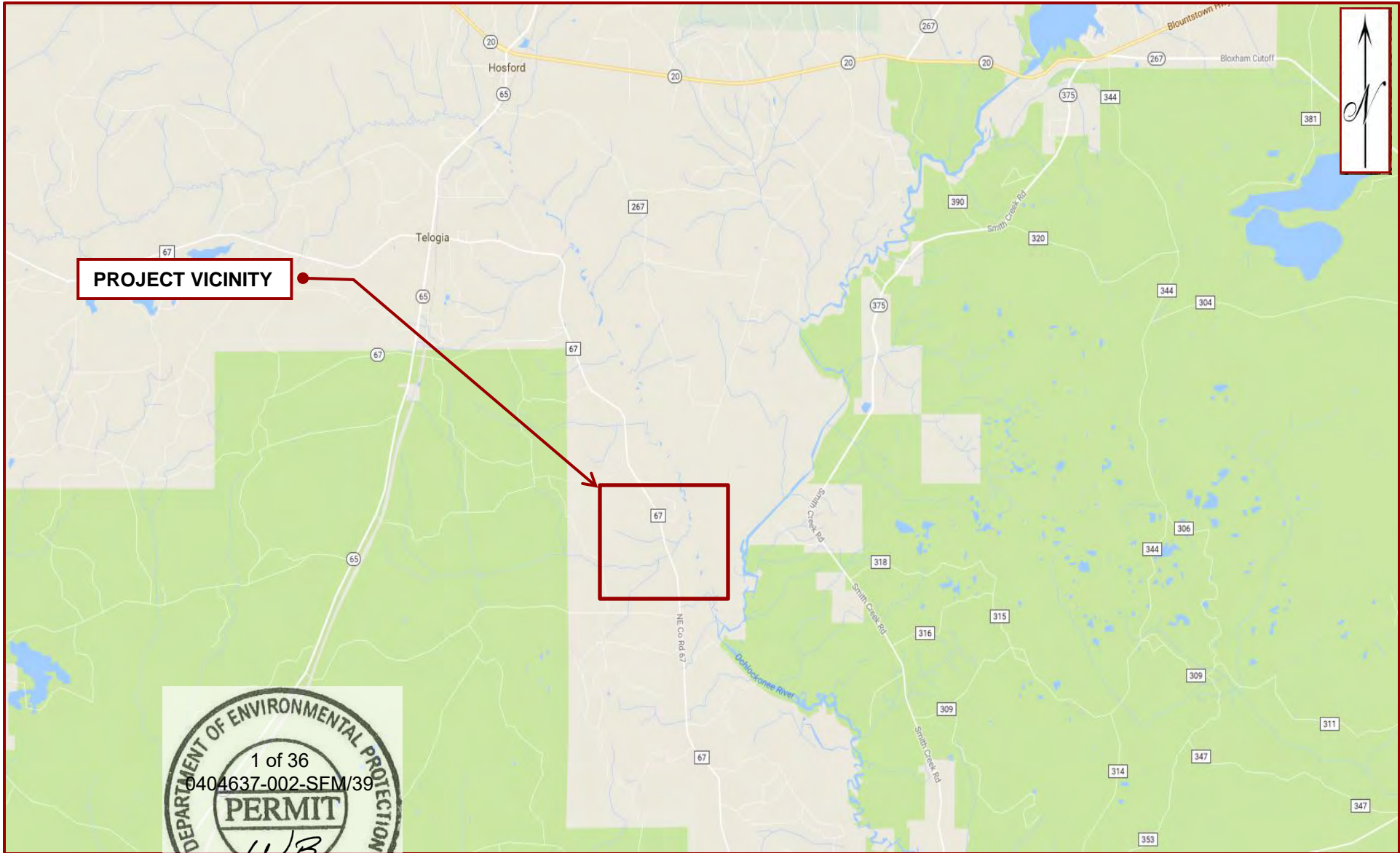
\_\_\_\_\_  
Signature of Permittee

\_\_\_\_\_  
Date:

\_\_\_\_\_  
Name and Title

Enclosures:

- Attached drawing(s) depicting deviations from the permit (if any)  
 Other

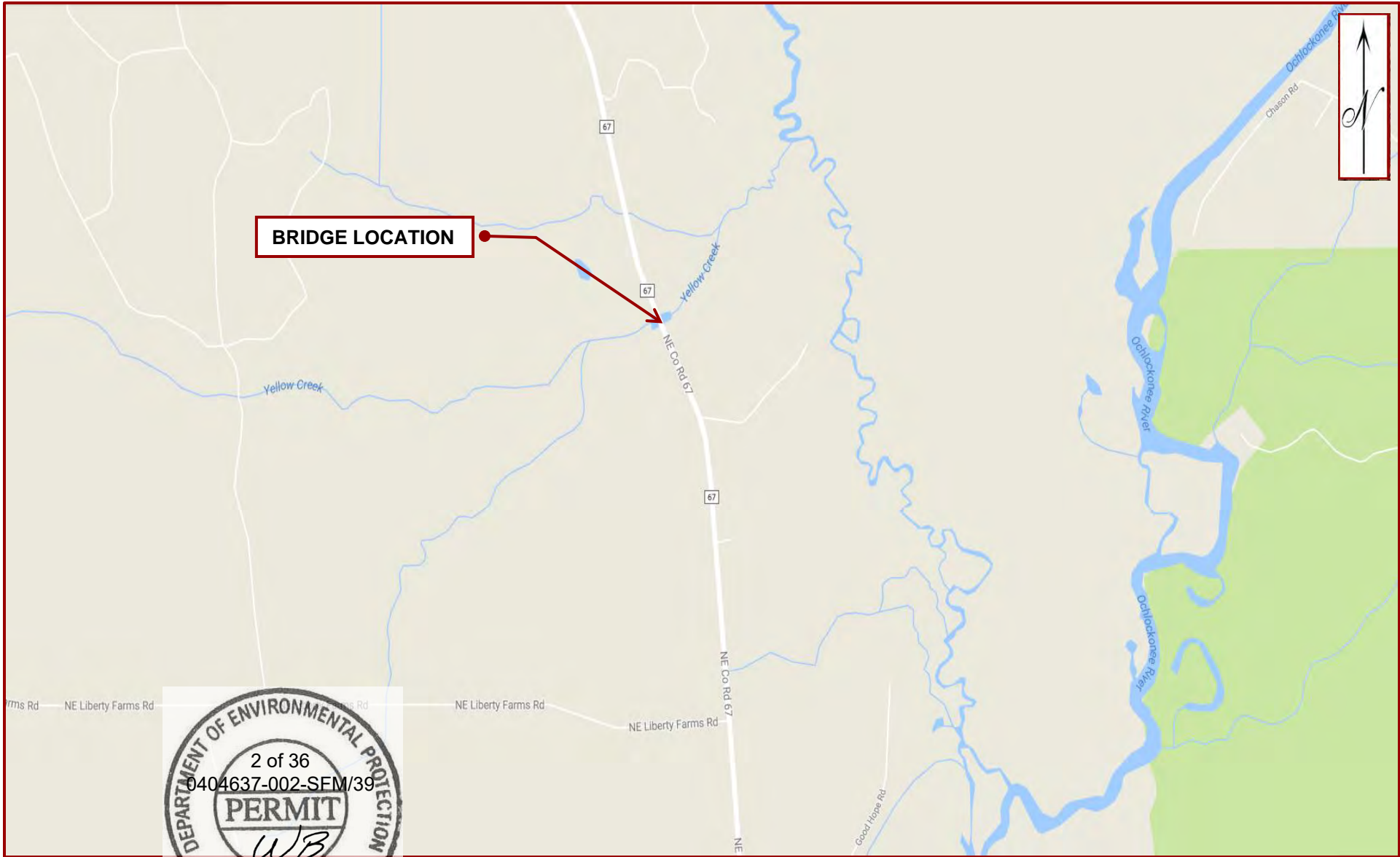


DRAWN A. CHAMBERLAIN	
ENGINEER: J. HAYDEN, P.E.	
CLIENT: PALMER ENGINEERING	
PROJ. NO.: 54-14-17-05	SCALE:

**ENVIRONMENTAL AND GEOTECHNICAL  
SPECIALISTS, INC.**

104 NORTH MAGNOLIA DRIVE | TALLAHASSEE, FLORIDA 32301  
**OFFICE #: (850) 386-1253 | FAX #: (850) 385-8050**

TITLE: PROJECT VICINITY MAP CR 67 OVER YELLOW CREEK LIBERTY COUNTY, FLORIDA FPID: 439371-1-32-01	
DATE: AUGUST 2018	FIGURE NO.: 1



DRAWN A. CHAMBERLAIN	
ENGINEER: J. HAYDEN, P.E.	
CLIENT: PALMER ENGINEERING	
PROJ. NO.: 54-14-17-05	SCALE:

**ENVIRONMENTAL AND GEOTECHNICAL  
SPECIALISTS, INC.**  
  
 104 NORTH MAGNOLIA DRIVE | TALLAHASSEE, FLORIDA 32301  
**OFFICE #:** (850) 386-1253 | **FAX #:** (850) 385-8050

TITLE: PROJECT LOCATION MAP CR 67 OVER YELLOW CREEK LIBERTY COUNTY, FLORIDA FPID: 439371-1-32-01	
DATE: AUGUST 2018	FIGURE NO.: 2



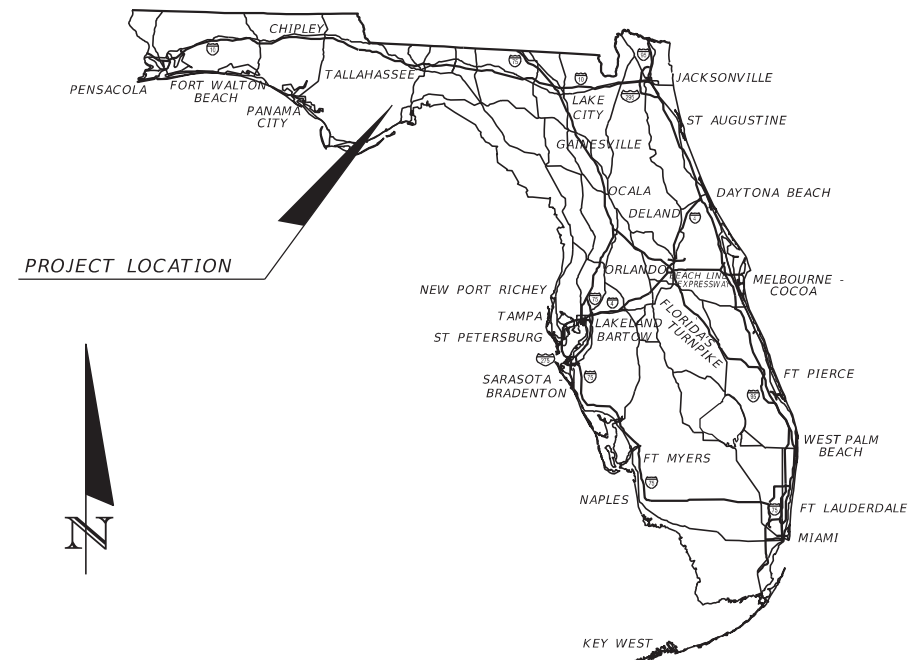
**CONTRACT PLANS COMPONENTS**  
 ROADWAY PLANS (INCLUDES SIGNING & PAVEMENT MARKING PLANS)  
 STRUCTURE PLANS

**STATE OF FLORIDA**  
**DEPARTMENT OF TRANSPORTATION**

**CONTRACT PLANS**

**FINANCIAL PROJECT ID 439371-1-52-01**  
**(FEDERAL FUNDS)**  
**LIBERTY COUNTY (56060)**

**COUNTY ROAD NO. 67**  
 CR 67 OVER YELLOW CREEK BRIDGE NO. 560023



PROJECT LOCATION



**INDEX OF ROADWAY PLANS**

SHEET NO.	SHEET DESCRIPTION
1	KEY SHEET
2	SIGNATURE SHEET
3 - 4	SUMMARY OF PAY ITEMS
5 - 6	TYPICAL SECTION
7	SUMMARY OF DRAINAGE STRUCTURES
8	OPTIONAL MATERIALS TABULATION
9 - 10	PROJECT CONTROL
11	GENERAL NOTES
12 - 13	ROADWAY PLAN-PROFILE
14	DRAINAGE STRUCTURES
15	ROADWAY SOIL SURVEY
16 - 21	CROSS SECTIONS
22 - 23	STORMWATER POLLUTION PREVENTION PLANS
24 - 25	EROSION CONTROL PLAN
26 - 27	TEMPORARY TRAFFIC CONTROL PLAN
28 - 29	TTCP - PHASE I & III
30	TTCP - PHASE II
31 - 38	TTCP CROSS SECTIONS
39 - 40	UTILITY ADJUSTMENTS
41 - 42	SIGNING & PAVEMENT MARKING PLANS
SQ-1 - SQ-7	SUMMARY OF QUANTITIES
SQ-8	TABULATION OF QUANTITIES

END PROJECT  
 SURVEY CR 67  
 STA. 61+17.50  
 MP 0.971

END BRIDGE  
 NO. 564069  
 STA. 58+87.50  
 MP 0.927

BEGIN BRIDGE  
 NO. 564069  
 STA. 56+87.50  
 MP 0.890

BEGIN PROJECT  
 SURVEY CR 67  
 STA. 54+57.50  
 MP 0.846

T-2-S  
 T-3-S

**PHASE III PLAN SUBMITTAL**  
**August 23, 2018**



**GOVERNING STANDARD PLANS:**

Florida Department of Transportation, FY2021-22 Standard Plans for Road and Bridge Construction and applicable Interim Revisions (IRs).

Standard Plans for Road Construction and associated IRs are available at the following website: <http://www.fdot.gov/design/standardplans>

Standard Plans for Bridge Construction are included in the Structures Plans Component.

**GOVERNING STANDARD SPECIFICATIONS:**

Florida Department of Transportation, July 2021 Standard Specifications for Road and Bridge Construction at the following website: <http://www.fdot.gov/programmanagement/Implemented/SpecBooks>

**ROADWAY PLANS**  
**ENGINEER OF RECORD:**

ROBERT MASUCCI, P.E.  
 P.E. LICENSE NUMBER 58107  
 PALMER ENGINEERING COMPANY  
 d/b/a PEC, INC.  
 976 Lake Baldwin Lane, Suite 203  
 ORLANDO, FLORIDA 32814  
 CONTRACT NO.: C-9W01  
 VENDOR NO.: F61-0679012  
 CERTIFICATE OF AUTHORIZATION 7931  
 (407) 730-6984

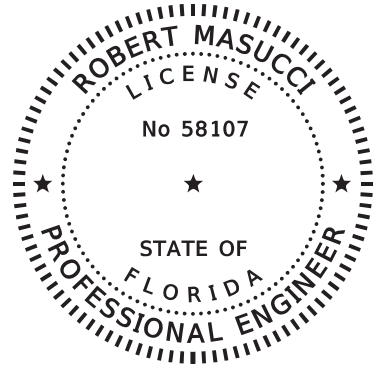
**FDOT PROJECT MANAGER:**

SANDRA LAMB, P.E. (ATKINS)  
 (850) 260-3216

CONSTRUCTION CONTRACT NO.	FISCAL YEAR	SHEET NO.
TBD	22	1

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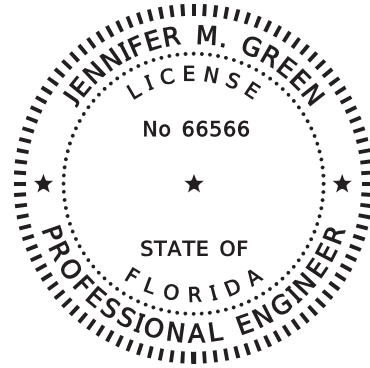
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PALMER ENGINEERING COMPANY  
d/b/a PEC, Inc.  
976 Lake Baldwin Lane, Suite 203  
Orlando, FL 32314  
Certificate of Authorization No. 7931  
ROBERT MASUCCI, P.E. NO. 58107

THE ABOVE NAMED PROFESSIONAL ENGINEER SHALL BE RESPONSIBLE FOR THE FOLLOWING SHEETS IN ACCORDANCE WITH RULE 61G15-23.004, F.A.C.

SHEET NO.	SHEET DESCRIPTION
1	KEY SHEET
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3 - 4	SUMMARY OF PAY ITEMS
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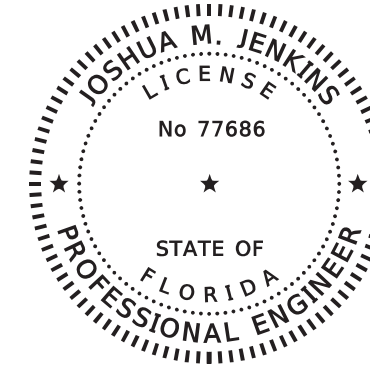
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PALMER ENGINEERING COMPANY  
d/b/a PEC, Inc.  
1350 Market Street, Suite 205  
Tallahassee, FL 32312  
Certificate of Authorization No. 7931  
JENNIFER M. GREEN, P.E. NO. 66566

THE ABOVE NAMED PROFESSIONAL ENGINEER SHALL BE RESPONSIBLE FOR THE FOLLOWING SHEETS IN ACCORDANCE WITH RULE 61G15-23.004, F.A.C.

SHEET NO.	SHEET DESCRIPTION
2	SIGNATURE SHEET
7	SUMMARY OF DRAINAGE STRUCTURES
8	OPTIONAL MATERIALS TABULATION
14	DRAINAGE STRUCTURES
22 - 23	STORMWATER POLLUTION PREVENTION PLAN
24 - 25	EROSION CONTROL PLAN

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ENVIRONMENTAL & GEOTECHNICAL SPECIALISTS, INC.  
104 North Magnolia Drive  
Tallahassee, FL 32301  
Certificate of Authorization No. 6222  
JOSHUA M. JENKINS, P.E. NO. 77686

THE ABOVE NAMED PROFESSIONAL ENGINEER SHALL BE RESPONSIBLE FOR THE FOLLOWING SHEETS IN ACCORDANCE WITH RULE 61G15-23.004, F.A.C.

SHEET NO.	SHEET DESCRIPTION
2	SIGNATURE SHEET
15	ROADWAY SOIL SURVEY



FOR PERMITTING PURPOSES ONLY

REVISIONS				ROBERT MASUCCI, P.E. P.E. NO.: 58107 PALMER ENGINEERING COMPANY d/b/a PEC, Inc. 976 Lake Baldwin Lane, Suite 203 Orlando, FL 32814 FBPE Certificate of Authorization: 7931	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO.  2
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
					CR 67	LIBERTY	439371-1-52-01	

SIGNATURE SHEET

FLORIDA DEPARTMENT OF TRANSPORTATION  
PROJECT SUMMARY OF PAY ITEMS  
FOR PROJECT: 439371-1-52-01

LEAD PROJECT : 439371-1-52-01      DISTRICT : 03      COUNTY/SECTION : 56060000

PROJECT(S) : 43937115201      COUNTY : LIBERTY

0100 SUMMARY OF STRUCTURES

SPC	ALT	ITEM NUMBER	ITEM DESCRIPTION	UNIT	43937115201	43937115201	BR# 564069	QUANTITY TOTAL
		0110- 3-	REMOVAL OF EXISTING STRUCTURES/BRIDGES 43937115201	(LS)			1.000	1.000
		0400- 2- 4	CONC CLASS 11, BRIDGE SUPERSTRUCTURE	CY			207.100	207.100
		0400- 2- 10	CONCRETE CLASS 11, APPROACH SLABS	CY			82.000	82.000
		0400- 4- 5	CONCRETE CLASS IV, BRIDGE SUBSTRUCTURE	CY			111.400	111.400
		0400- 9-	BRIDGE DECK GROOVING & PLANING, DECK 8.5" AND GREATER	SY			755.000	755.000
		0400-147-	COMPOSITE NEOPRENE PADS	CF			4.900	4.900
		0415- 1- 4	REINFORCING STEEL - BRIDGE SUPERSTRUCTURE	LB			47416.000	47416.000
		0415- 1- 5	REINFORCING STEEL- BRIDGE SUBSTRUCTURE	LB			15525.000	15525.000
		0415- 1- 9	REINFORCING STEEL- APPROACH SLABS	LB			16356.000	16356.000
		0450- 1- 1	PRESTRESSED BEAMS, TYPE 11	LF			795.000	795.000
		0455- 34- 5	PRESTRESSED CONCRETE PILING, 24" SQ	LF			1099.000	1099.000
		0455-143- 5	TEST PILES-PRESTRESSED CONCRETE,24" SQ	LF			334.000	334.000
		0458- 1- 11	BRIDGE DECK EXPANSION JOINT, NEW CONSTRUCTION, F&I POURED JOINT WITH BACKER ROD	LF			70.000	70.000
		0521- 5- 13	CONCRETE TRAFFIC RAILING- BRIDGE, 36" SINGLE-SLOPE	LF			520.000	520.000
		0530- 1-	RIPRAP, SAND-CEMENT	CY			25.600	25.600
		0530- 3- 3	RIPRAP- RUBBLE, BANK AND SHORE	TN			1367.800	1367.800
		0530- 74-	BEDDING STONE	TN			509.300	509.300

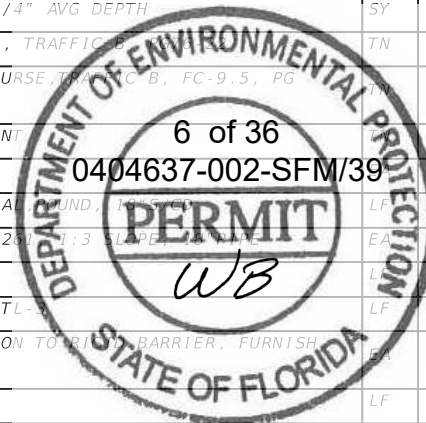


REVISIONS				ROBERT MASUCCI, P.E. P.E. NO.: 58107 PALMER ENGINEERING COMPANY d/b/a PEC, Inc. 976 Lake Baldwin Lane, Suite 203 Orlando, FL 32814 FBPE Certificate of Authorization: 7931	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO.  3
DATE	DESCRIPTION	DATE	ROAD NO.		COUNTY	FINANCIAL PROJECT ID		
			CR 67		LIBERTY	439371-1-52-01		

08/22/2018 09:35:52 AM

FLORIDA DEPARTMENT OF TRANSPORTATION  
PROJECT SUMMARY OF PAY ITEMS  
FOR PROJECT: 439371-1-52-01

LEAD PROJECT : 439371-1-52-01		DISTRICT : 03		COUNTY/SECTION : 56060000		
PROJECT(S) : 43937115201		COUNTY : LIBERTY				
0200 SUMMARY OF ROADWAY						
SPC	ALT	ITEM NUMBER	ITEM DESCRIPTION	UNIT	43937115201	QUANTITY TOTAL
		0101- 1-	MOBILIZATION 43937115201	LS	1.000	1.000
		0102- 1-	MAINTENANCE OF TRAFFIC 43937115201	(LS)	1.000	1.000
		0102- 2- 1	SPECIAL DETOUR 1 43937115201	LS	1.000	1.000
		0102- 60-	WORK ZONE SIGN	ED	6848.000	6848.000
		0102- 71- 15	TEMPORARY BARRIER, F&I, ANCHORED	LF	775.000	775.000
		0102- 73-	TEMPORARY GUARDRAIL	LF	150.000	150.000
		0102- 74- 1	CHANNELIZING DEVICE- TYPES I, II, DI, VP, DRUM, OR LCD	ED	13912.000	13912.000
		0102- 74- 2	CHANNELIZING DEVICE, TYPE III, 6'	ED	1888.000	1888.000
		0102- 78-	TEMPORARY RETROREFLECTIVE PAVEMENT MARKER	EA	712.000	712.000
		0102- 89- 1	TEMPORARY CRASH CUSHION, REDIRECTIVE OPTION	LO	2.000	2.000
		0104- 10- 3	SEDIMENT BARRIER	LF	389.000	389.000
		0104- 11-	FLOATING TURBIDITY BARRIER	LF	288.000	288.000
		0104- 12-	STAKED TURBIDITY BARRIER- NYLON REINFORCED PVC	LF	1139.000	1139.000
		0104- 15-	SOIL TRACKING PREVENTION DEVICE	EA	2.000	2.000
		0107- 1-	LITTER REMOVAL	AC	37.810 N	37.810
		0107- 2-	MOWING	AC	37.100 N	37.100
		0110- 1- 1	CLEARING & GRUBBING 43937115201	(LS)	1.000	1.000
		0120- 1-	REGULAR EXCAVATION	CY	657.000	657.000
		0120- 6-	EMBANKMENT	CY	1154.000	1154.000
		0160- 4-	TYPE B STABILIZATION	SY	1774.000	1774.000
		0162- 1- 11	PREPARED SOIL LAYER, FINISH SOIL LAYER, 6"	SY	2877.000	2877.000
		0285-706-	OPTIONAL BASE, BASE GROUP 06	SY	1403.000	1403.000
		0327- 70- 12	MILLING EXIST ASPH PAVT, 1 1/4" AVG DEPTH	SY	1100.000	1100.000
		0334- 1- 52	SUPERPAVE ASPHALTIC CONCRETE, TRAFFIC	TN	125.600	125.600
		0337- 7- 80	ASPHALT CONCRETE FRICTION COURSE, TYPE B, FC-9.5, PG 76-22	TN	168.400	168.400
		0339- 1-	MISCELLANEOUS ASPHALT PAVEMENT	TN	9.200	9.200
		0425- 1-701	INLETS, GUTTER, TYPE S, <10'	TN	4.000	4.000
		0430-175-118	PIPE CULVERT,OPTIONAL MATERIAL AND FINISH	LF	94.000	94.000
		0430-611-225	U-ENDWALL WITH BAFFLES, STD 24" DIA, 3:1 SLOPE	EA	2.000	2.000
		0520- 6-	SHOULDER GUTTER- CONCRETE	LF	20.000	20.000
		0536- 1- 1	GUARDRAIL -ROADWAY, GENERAL TL-3	LF	337.000	337.000
		0536- 8- 13	APPROACH TRANSITION CONNECTION TO TL-3 BARRIER, FURNISH AND INSTALL, TL-3	EA	4.000	4.000
		0536- 73-	GUARDRAIL REMOVAL	LF	526.000	526.000
		0536- 85- 24	GUARDRAIL END TREATMENT- PARALLEL APPROACH TERMINAL	EA	4.000	4.000
		0570- 1- 2	PERFORMANCE TURF, SOD	SY	2877.000	2877.000
		0710- 11-101	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SOLID, 6"	GM	0.333	0.333
		0710- 11-201	PAINTED PAVEMENT MARKINGS, STANDARD, YELLOW, SOLID, 6"	GM	0.333	0.333



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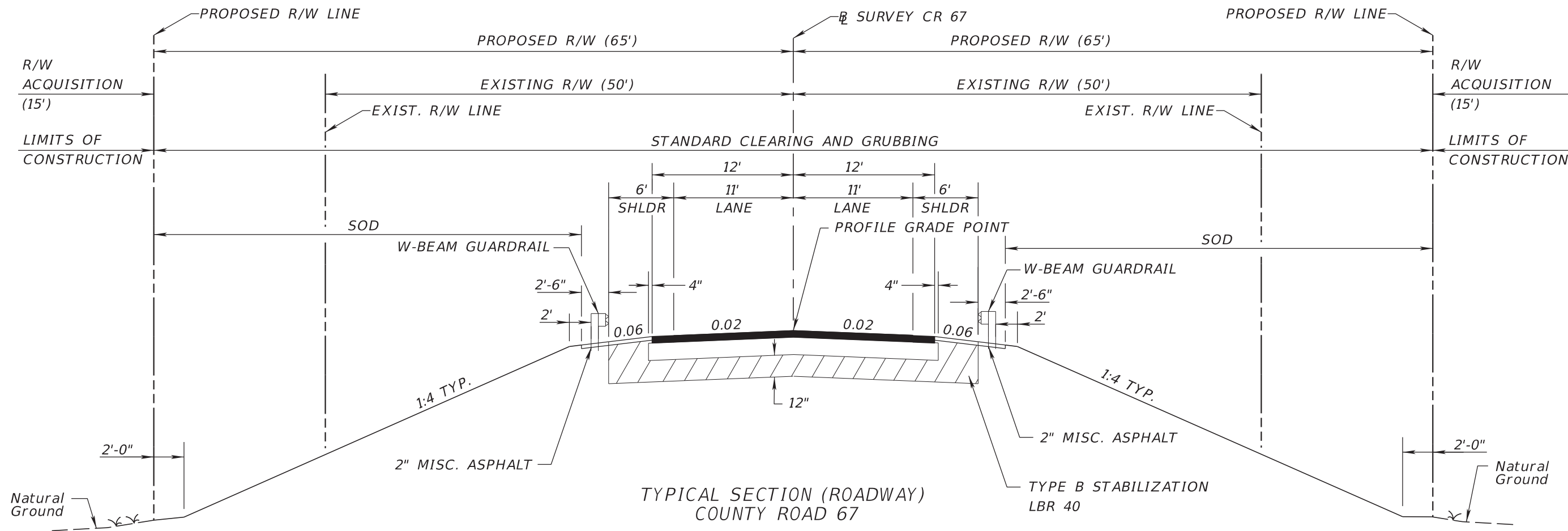
FLORIDA DEPARTMENT OF TRANSPORTATION  
PROJECT SUMMARY OF PAY ITEMS  
FOR PROJECT: 439371-1-52-01

LEAD PROJECT : 439371-1-52-01		DISTRICT : 03		COUNTY/SECTION : 56060000		
PROJECT(S) : 43937115201		COUNTY : LIBERTY				
0300 SUMMARY OF SIGNING						
SPC	ALT	ITEM NUMBER	ITEM DESCRIPTION	UNIT	43937115201	QUANTITY TOTAL
		0700- 1- 60	SINGLE POST SIGN, REMOVE	AS	2.000	2.000
		0710- 90-	PAINTED PAVEMENT MARKINGS, FINAL SURFACE 43937115201	LS	1.000	1.000
		0711- 16-101	THERMOPLASTIC, STANDARD-OTHER SURFACES, WHITE, SOLID, 6"	GM	0.360	0.360
		0711- 16-201	THERMOPLASTIC, STANDARD-OTHER SURFACES, YELLOW, SOLID, 6"	GM	0.360	0.360
		0713-103-101	PERMANENT TAPE, WHITE, SOLID, 6" FOR CONCRETE BRIDGES	GM	0.076	0.076
		0713-103-201	PERMANENT TAPE, YELLOW, SOLID, 6" FOR CONCRETE BRIDGES	GM	0.076	0.076

REVISIONS				ROBERT MASUCCI, P.E. P.E. NO.: 58107 PALMER ENGINEERING COMPANY d/b/a PEC, Inc. 976 Lake Baldwin Lane, Suite 203 Orlando, FL 32814 FBPE Certificate of Authorization: 7931	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO.  4
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
					CR 67	LIBERTY	439371-1-52-01	

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TYPICAL SECTION (ROADWAY)  
COUNTY ROAD 67

STA. 54+57.50 TO STA. 56+57.50  
STA. 59+17.50 TO STA. 61+17.50  
NOT TO SCALE

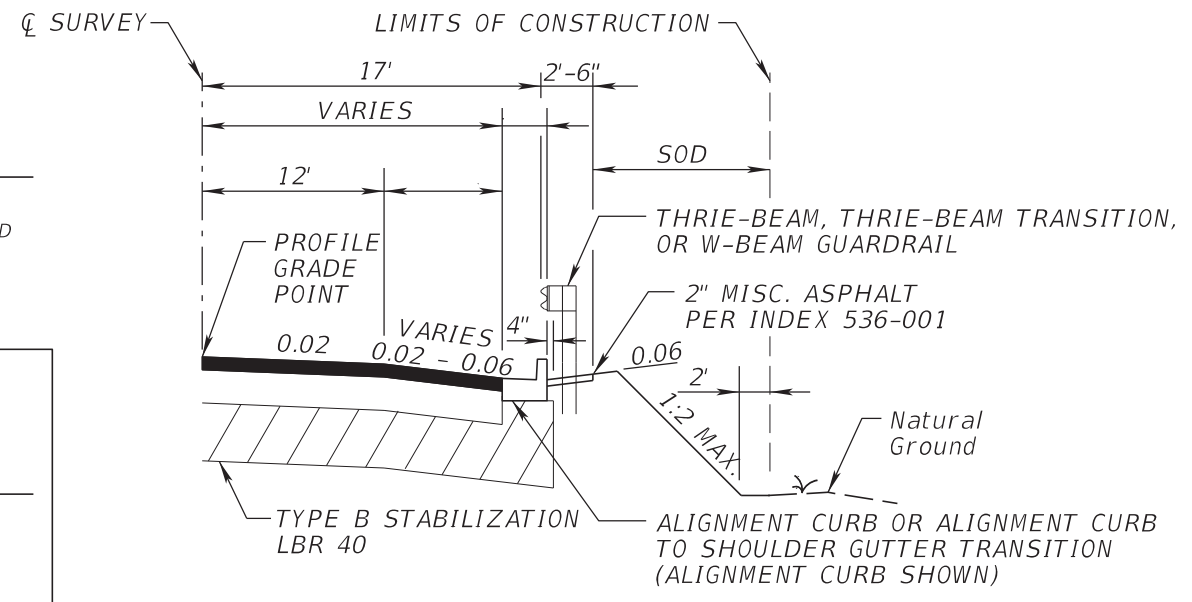
**NEW CONSTRUCTION**

OPTIONAL BASE GROUP 6 WITH  
TYPE SP STRUCTURAL COURSE (TRAFFIC B) (2") (PG 76-22) AND  
FRICTION COURSE FC-9.5 (TRAFFIC B) (1 1/4") (PG 76-22)

STA. 52+13.76 TO STA. 54+57.50  
STA. 61+17.50 TO STA. 63+64.34

**MILLING AND RESURFACING**

MILL EXISTING ASPHALT PAVEMENT FOR DEPTH (1 1/4")  
FRICTION COURSE FC-9.5 (TRAFFIC B) (1 1/4") (PG 76-22)



ALIGNMENT CURB DETAIL  
NTS  
STA. 56+29.98 TO STA. 56+57.50 Lt. & Rt. \*  
STA. 59+17.50 TO STA. 59+45.02 Lt. & Rt. \*

\* NOTE:  
STATION RANGES SHOWN ABOVE INCLUDE ALIGNMENT CURB TO SHOULDER GUTTER  
TRANSITION AREA AS DEPICTED IN STANDARD PLANS 536-001

**TRAFFIC DATA**

CURRENT YEAR	= 2015 AADT = 450	
ESTIMATED OPENING YEAR	= 2022 AADT = 500	
ESTIMATED DESIGN YEAR	= 2042 AADT = 600	
K = 9.5%	D = 60.1%	T = 13.0% (24 HOUR)
DESIGN HOUR T	= 6.5%	
DESIGN SPEED	= 60 MPH	
CLEAR ZONE	= 18'	

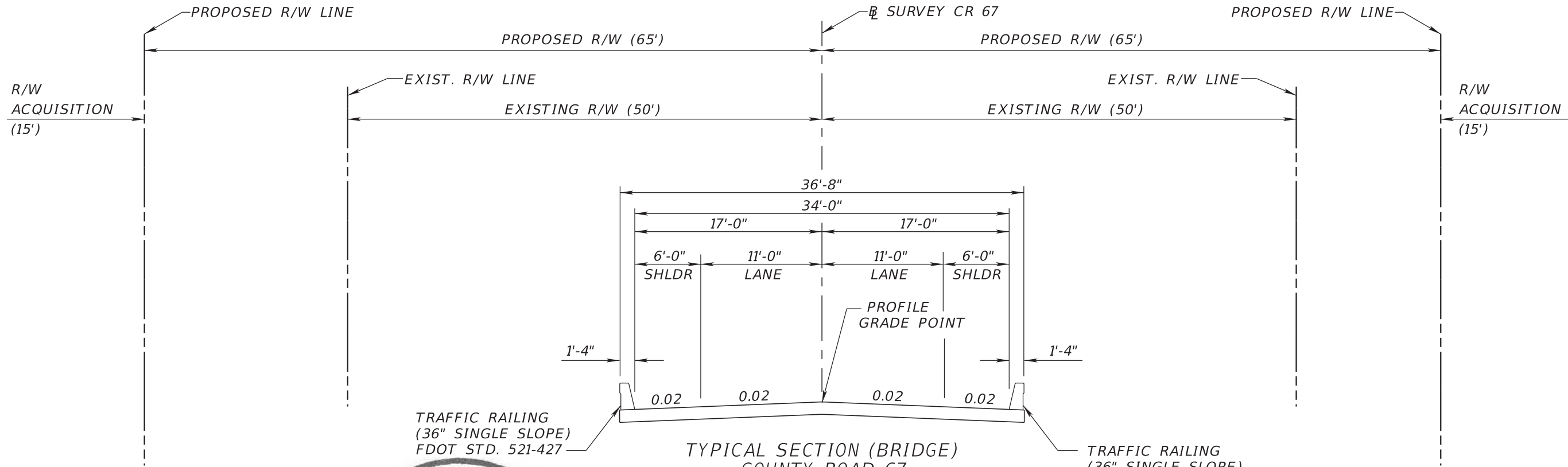


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DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
					CR 67	LIBERTY	439371-1-52-01	

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TRAFFIC RAILING  
(36" SINGLE SLOPE)  
FDOT STD. 521-427

TRAFFIC RAILING  
(36" SINGLE SLOPE)  
FDOT STD. 521-427

**TYPICAL SECTION (BRIDGE)**  
**COUNTY ROAD 67**

STA. 56+87.50 TO STA. 58+87.50  
NOT TO SCALE

**APPROACH SLABS**

STA. 56+57.50 TO STA. 56+87.50  
STA. 58+87.50 TO STA. 59+17.50

FRICITION COURSE FC-9.5 (TRAFFIC B) (1 1/4") (PG 76-22)



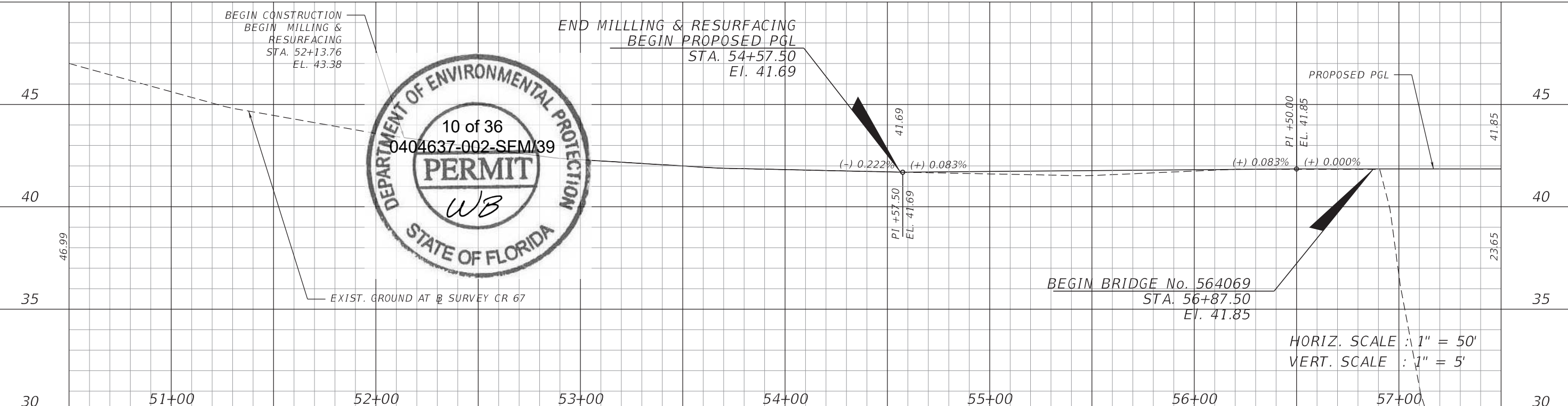
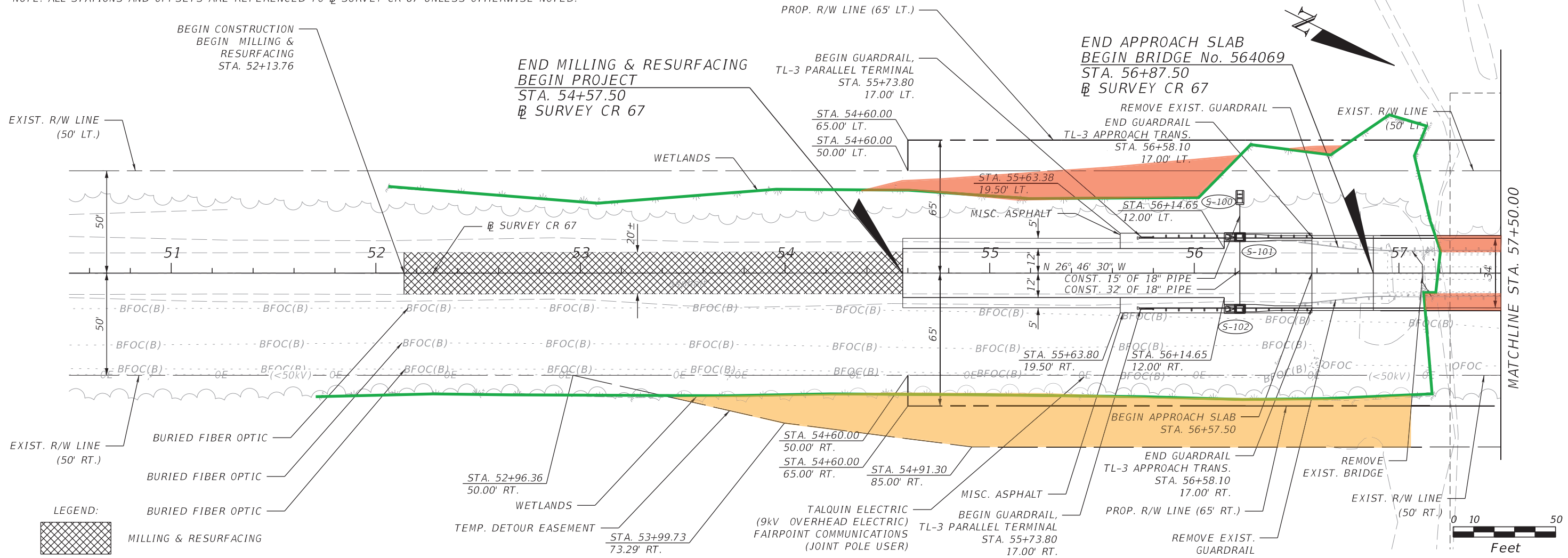
REVISIONS				ROBERT MASUCCI, P.E. P.E. NO.: 58107 PALMER ENGINEERING COMPANY d/b/a PEC, Inc. 976 Lake Baldwin Lane, Suite 203 Orlando, FL 32814 FBPE Certificate of Authorization: 7931	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO.  6
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
					CR 67	LIBERTY	439371-1-52-01	

QUANTITY	STR. NO.	STATION	SIDE	DESCRIPTION	BARRELS	STORM DRAIN OPTIONAL MATERIAL	GUTTER INLETS	U-TYPE CONCRETE ENDWALLS	SODDING	REMARKS
						ROUND 18"	S <10'	18"		
P	S-100	56+22.31	LT	ENDWALL	1			1	17	(1:3) WITH BAFFLES
F										
P	S-101	56+22.31	LT	INLET, PIPE	1	15	1			
F										
P	S-102	56+22.31	RT	INLET, PIPE	1	32	1			
F										
P	S-103	NOT USED								
F										
P	S-104	59+52.69	LT	ENDWALL	1			1	17	(1:3) WITH BAFFLES
F										
P	S-105	59+52.39	LT	INLET, PIPE	1	15	1			
F										
P	S-106	59+52.39	LT	INLET, PIPE	1	32	1			
F										
P										
F										
SHEET TOTAL					PLAN QUANTITY	94	4	2	34	
					FINAL QUANTITY					



REVISIONS				JENNIFER M. GREEN, P.E. P.E. NO.: 66566 PALMER ENGINEERING COMPANY d/b/a PEC, Inc. 1350 Market Street, Suite 205 Tallahassee, FL 32312 FBPE Certificate of Authorization: 7931	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SUMMARY OF DRAINAGE STRUCTURES	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		7
					CR 67	LIBERTY	439371-1-52-01		

NOTE: ALL STATIONS AND OFFSETS ARE REFERENCED TO  $\mathcal{B}$  SURVEY CR 67 UNLESS OTHERWISE NOTED.

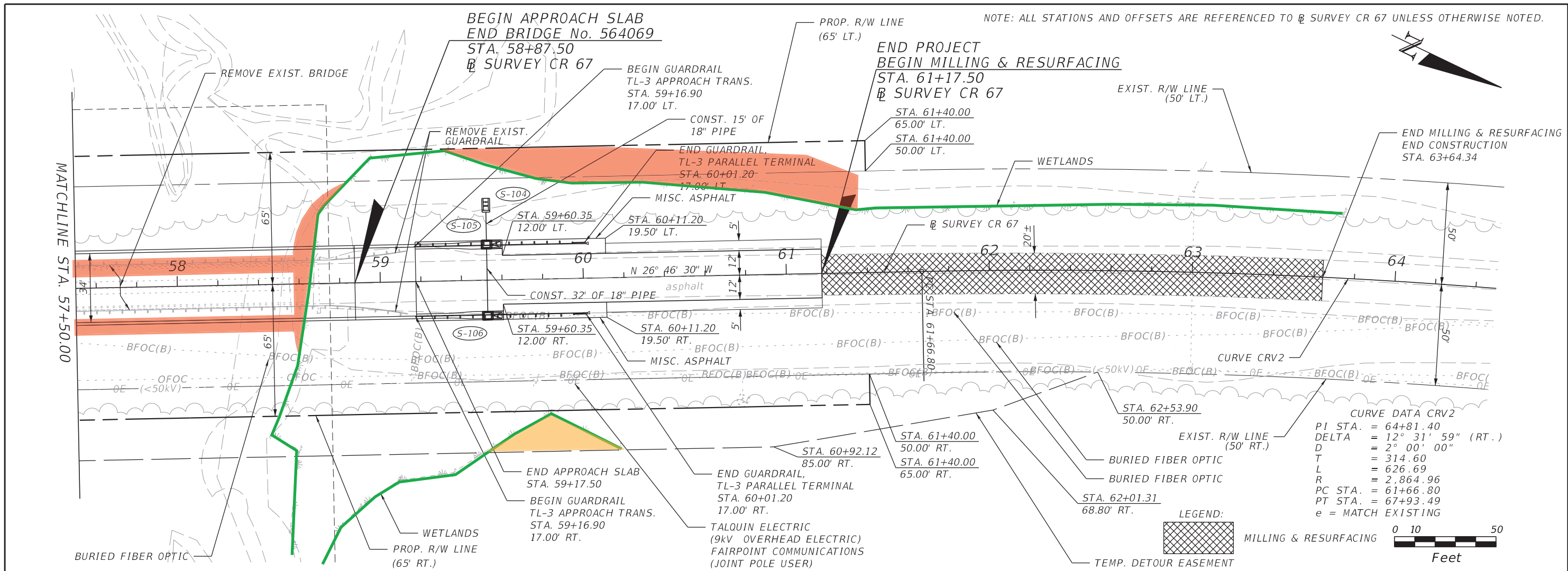


REVISIONS				ROBERT MASUCCI, P.E. P.E. NO.: 58107 PALMER ENGINEERING COMPANY d/b/a PEC, Inc. 976 Lake Baldwin Lane, Suite 203 Orlando, FL 32814 FBPE Certificate of Authorization: 7931	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			ROADWAY PLAN-PROFILE	SHEET NO. 12
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
					CR 67	LIBERTY	439371-1-52-01		

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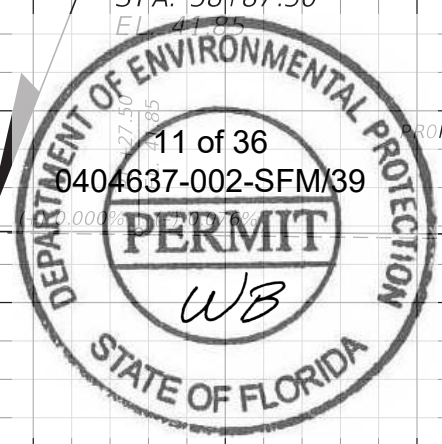
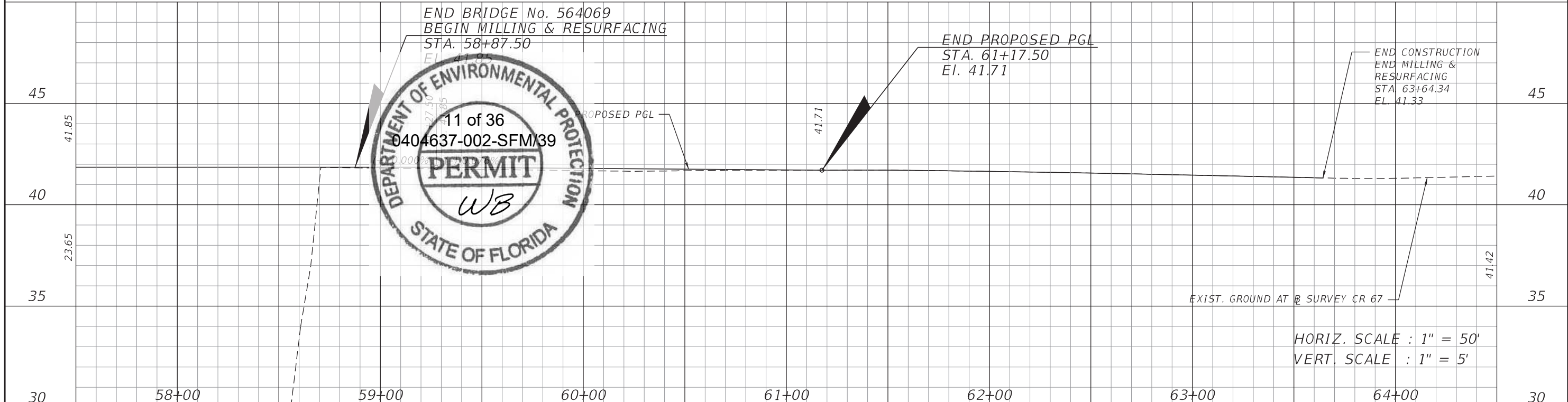
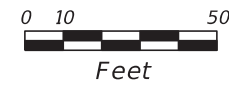
NOTE: ALL STATIONS AND OFFSETS ARE REFERENCED TO  $\mathcal{B}$  SURVEY CR 67 UNLESS OTHERWISE NOTED.



MATCHLINE STA. 57+50.00

**CURVE DATA CRV2**

PI STA.	= 64+81.40
DELTA	= 12° 31' 59" (RT.)
D	= 2° 00' 00"
T	= 314.60
L	= 626.69
R	= 2,864.96
PC STA.	= 61+66.80
PT STA.	= 67+93.49
e	= MATCH EXISTING



HORIZ. SCALE : 1" = 50'  
VERT. SCALE : 1" = 5'

REVISIONS				ROBERT MASUCCI, P.E. P.E. NO.: 58107 PALMER ENGINEERING COMPANY d/b/a PEC, Inc. 976 Lake Baldwin Lane, Suite 203 Orlando, FL 32814 FBPE Certificate of Authorization: 7931	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			ROADWAY PLAN-PROFILE	SHEET NO. 13
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
					CR 67	LIBERTY	439371-1-52-01		

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

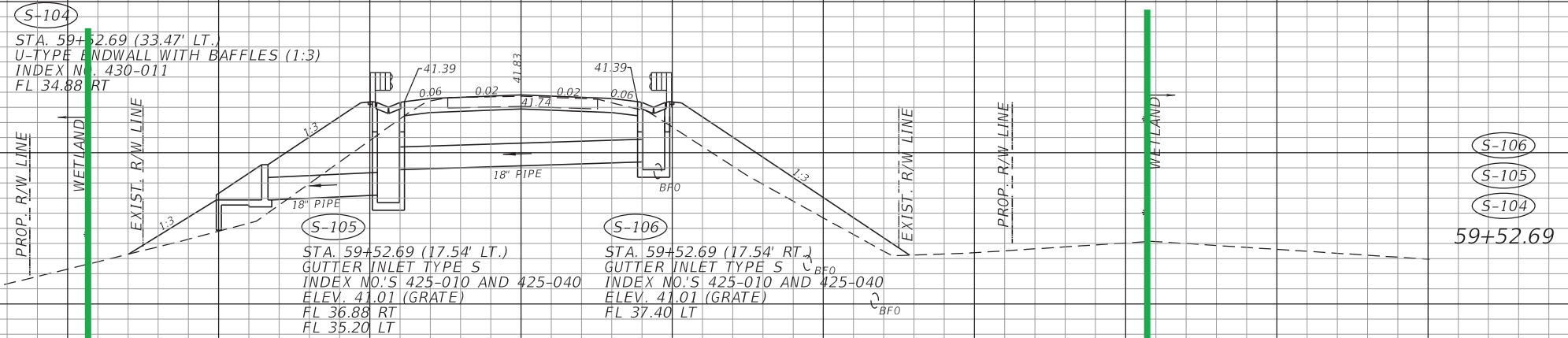
FOR PERMITTING PURPOSES ONLY

**NOTES:**

- SPECIAL ATTENTION IS DIRECTED TO THE FACT THAT PORTIONS OF SOME DRAINAGE STRUCTURES EXTEND INTO THE STABILIZED PORTION OF THE ROAD BED AND EXTREME CAUTION WILL BE NECESSARY IN STABILIZATION OPERATIONS AT THOSE LOCATIONS.
- ALL DRAINAGE PIPES HAVE OPTIONAL MATERIALS. THE OPTIONAL MATERIALS TABULATION SHEET(S) SHOWS ALL MATERIALS ALLOWED AND INDICATES WHICH MATERIAL IS PLOTTED IN THE PLANS AND USED AS THE BASIS FOR PAY QUANTITIES.

B SURVEY CR 67

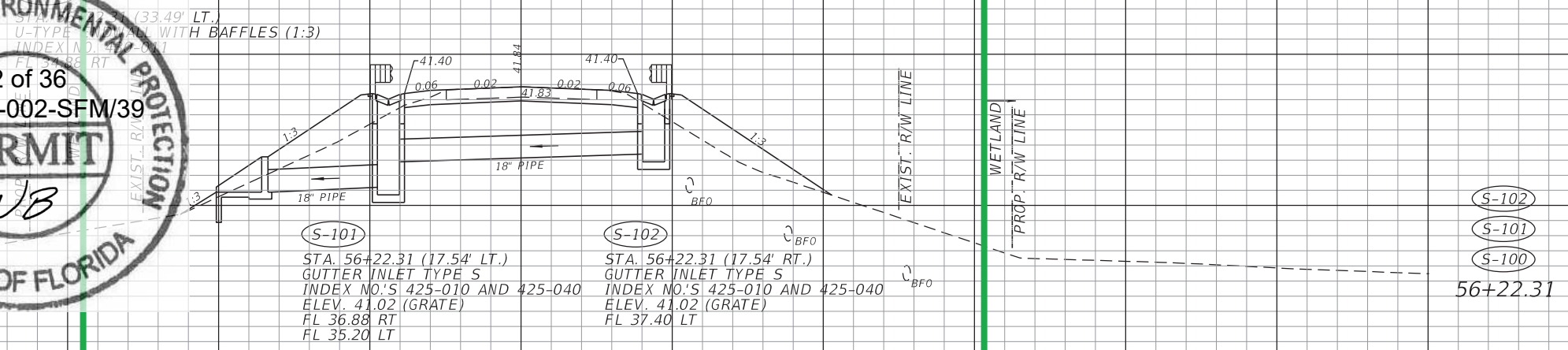
46  
44  
42  
40  
38  
36  
34  
32  
30  
28  
26



S-106  
S-105  
S-104  
59+52.69

S-103  
NOT USED

44  
42  
40  
38  
36  
34  
32  
30  
28  
26



S-102  
S-101  
S-100  
56+22.31

B SURVEY CR 67

1" = 20' Horizontal  
1" = 10' Vertical

140 120 100 80 60 40 20 0 20 40 60 80 100 120

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

JENNIFER M. GREEN, P.E.  
P.E. NO.: 66566  
PALMER ENGINEERING COMPANY  
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1350 Market Street, Suite 205  
Tallahassee, FL 32312  
FBPE Certificate of Authorization: 7931

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
CR 67	LIBERTY	439371-1-52-01

**DRAINAGE STRUCTURES**

SHEET NO.  
14

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

DATE OF SURVEY: JULY 2018  
 SURVEY MADE BY: ENVIRONMENTAL AND GEOTECHNICAL SPECIALISTS, INC.  
 SUBMITTED BY: JOSHUA M. JENKINS, P.E.

STATE OF FLORIDA  
 DEPARTMENT OF TRANSPORTATION  
 MATERIALS AND RESEARCH

DISTRICT: THREE  
 ROAD NO.: CR 67  
 COUNTY: LIBERTY

FINANCIAL PROJECT ID : 439371-1-52-01  
 CR 67 OVER YELLOW CREEK

CROSS SECTION SOILS SURVEY FOR THE DESIGN OF ROADS

REFERENCE: Q SURVEY CR 67 SURVEY BEGINS STA. : 54+57.50 SURVEY ENDS STA. : 61+17.50

STRATUM NO.	NO. OF TESTS	SIEVE ANALYSIS RESULTS PERCENT PASS (%)					ATTERBERG LIMITS (%)				COLOR	DESCRIPTION
		10 MESH	40 MESH	60 MESH	100 MESH	200 MESH	NO. OF TESTS	LIQUID LIMIT	PLASTIC INDEX	AASHTO GROUP		
1	4	99 - 100	71 - 76	46 - 49	18 - 28	4 - 10	--	--	--	A-3	BROWN	FINE SAND

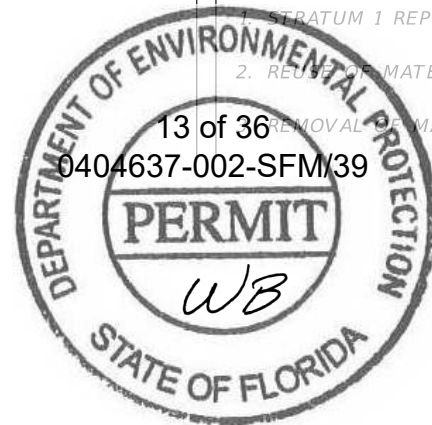
EMBANKMENT AND SUBGRADE MATERIAL

STRATA BOUNDRIES ARE APPROXIMATE. MAKE FINAL CHECK AFTER GRADING.

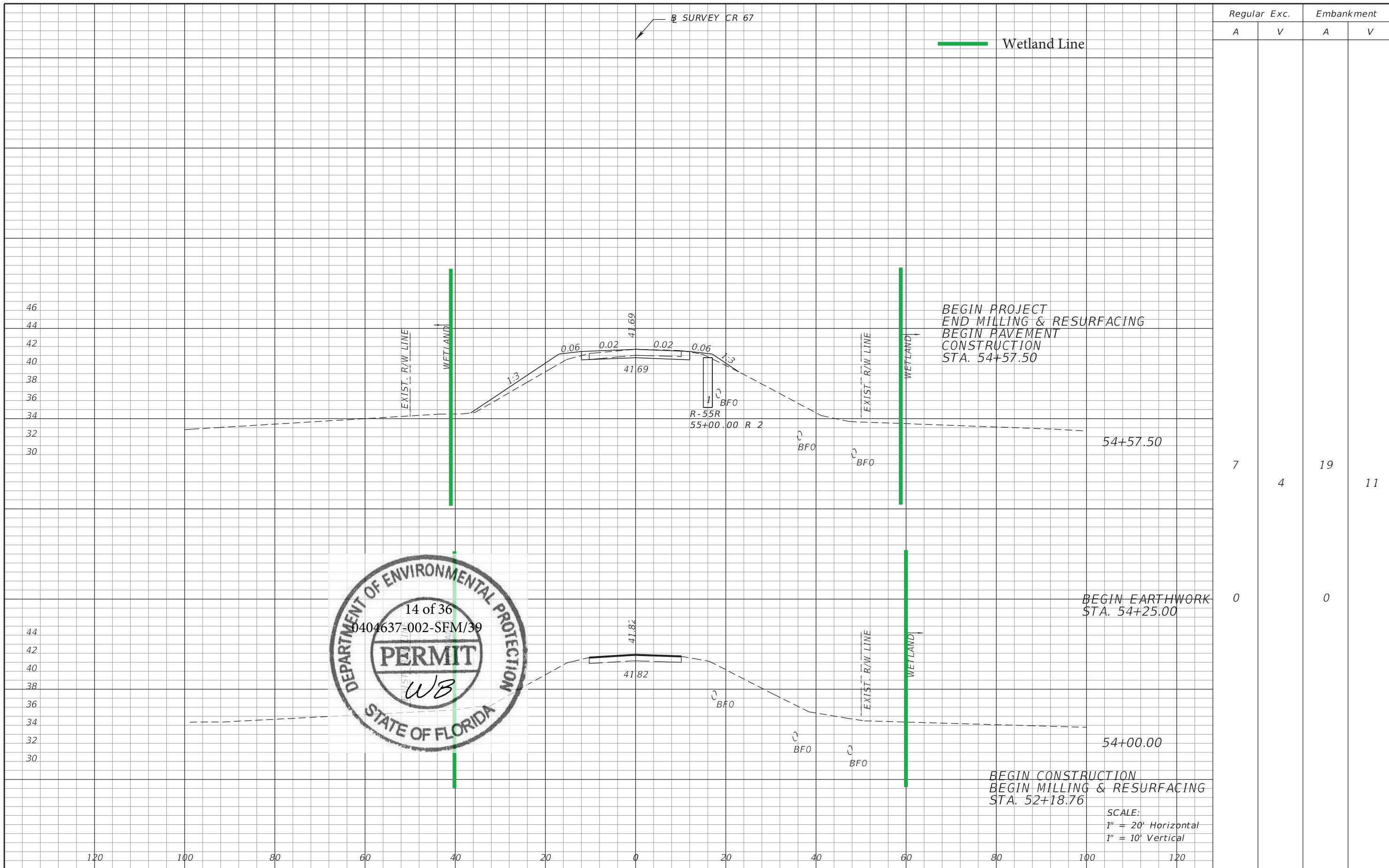
GNE - GROUNDWATER NOT ENCOUNTERED

STRATA NOTES

- STRATUM 1 REPRESENTS A "SELECT" MATERIAL.
- REUSE MATERIALS SHALL BE IN ACCORDANCE WITH STANDARD PLANS INDEX 120-001.
- REMOVAL OF MATERIALS SHALL BE PERFORMED IN ACCORDANCE WITH STANDARD PLANS INDEX 120-002.



REVISIONS				JOSHUA M. JENKINS, P.E. P.E. NO.: 77686 ENVIRONMENTAL & GEOTECHNICAL SPECIALISTS, INC. 104 NORTH MAGNOLIA DRIVE TALLAHASSEE, FLORIDA 32301 CERTIFICATE OF AUTHORIZATION 6222	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			ROADWAY SOIL SURVEY	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		15
					CR 67	LIBERTY	439371-1-52-01		



Regular		Exc.		Embankment	
A	V	A	V	A	V
7			4	19	
0				0	
					11



BEGIN PROJECT  
END MILLING & RESURFACING  
BEGIN PAVEMENT  
CONSTRUCTION  
STA. 54+57.50

BEGIN EARTHWORK  
STA. 54+25.00

BEGIN CONSTRUCTION  
BEGIN MILLING & RESURFACING  
STA. 52+18.76

SCALE:  
1" = 20' Horizontal  
1" = 10' Vertical

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

ROBERT MASUCCI, P.E.  
P.E. NO.: 58107  
PALMER ENGINEERING COMPANY  
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976 Lake Baldwin Lane, Suite 203  
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FBPE Certificate of Authorization: 7931

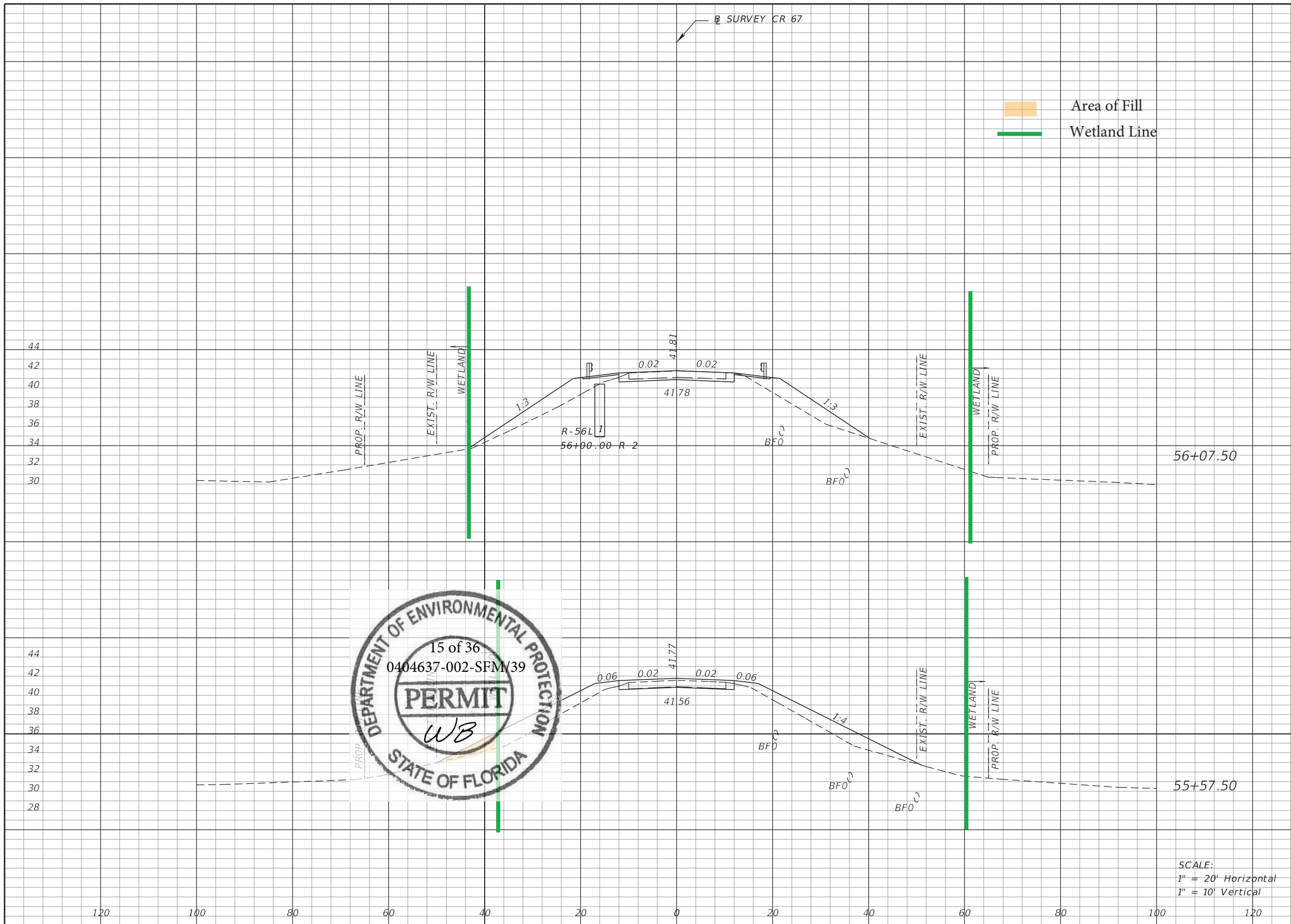
STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
CR 67	LIBERTY	439371-1-52-01

**CROSS SECTIONS**

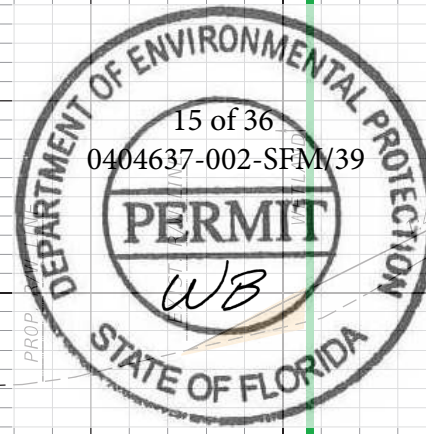
SHEET NO.  
16

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Regular		Exc.		Embankment	
A	V	A	V	A	V
8	10	66		137	
3	19	82		187	



SCALE:  
 1" = 20' Horizontal  
 1" = 10' Vertical

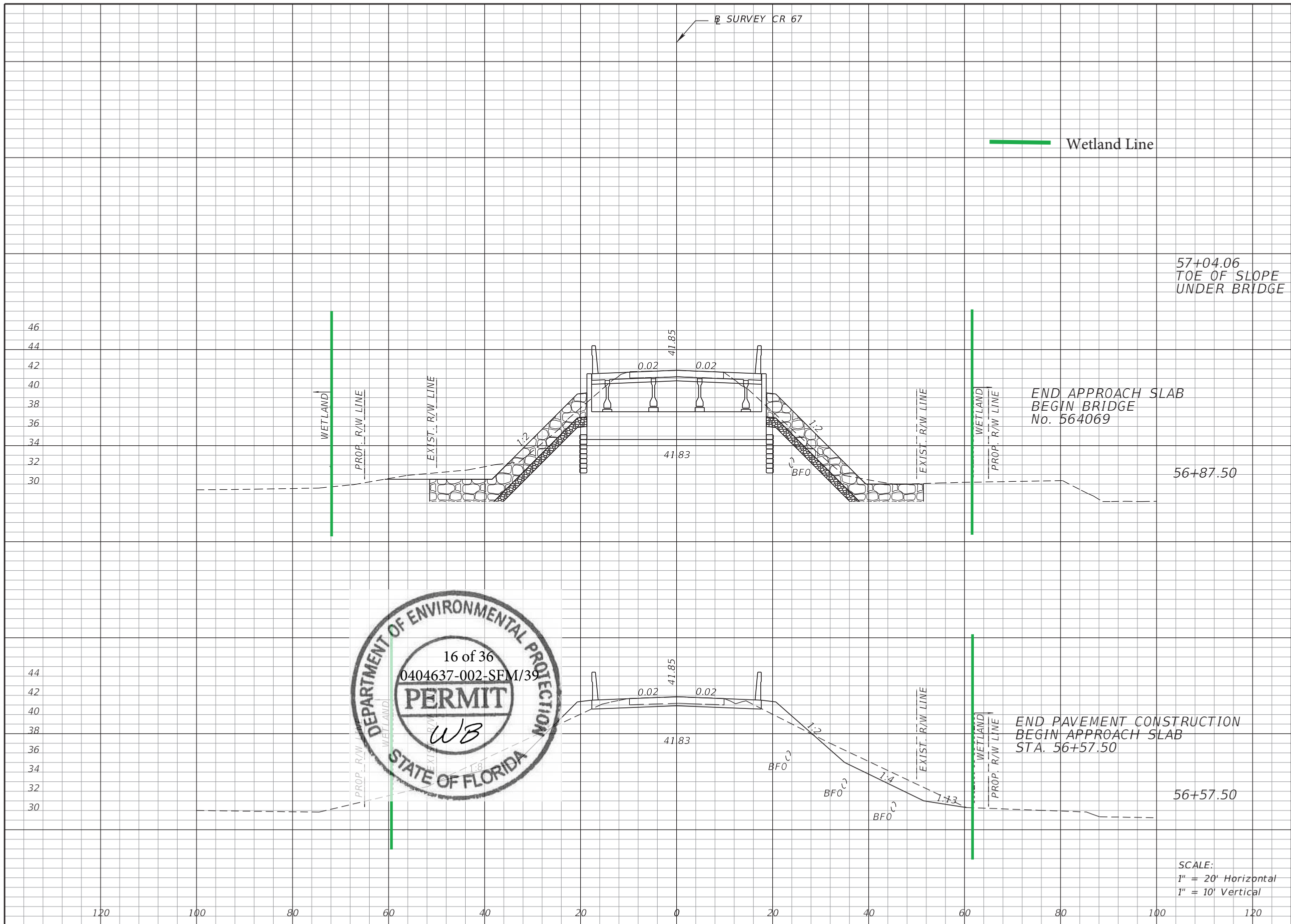
REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

ROBERT MASUCCI, P.E.  
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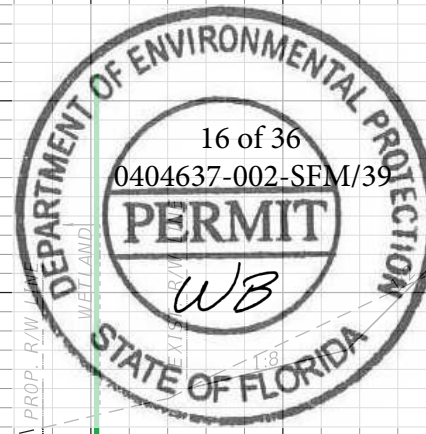
STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
CR 67	LIBERTY	439371-1-52-01

<b>CROSS SECTIONS</b>	SHEET NO. 17
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THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



Regular		Exc.		Embankment	
A	V	A	V	A	V
0	75	0	0	0	0
244	175	0	9	0	9
71	73	17	77	17	77



END APPROACH SLAB  
BEGIN BRIDGE  
No. 564069

END PAVEMENT CONSTRUCTION  
BEGIN APPROACH SLAB  
STA. 56+57.50

SCALE:  
1" = 20' Horizontal  
1" = 10' Vertical

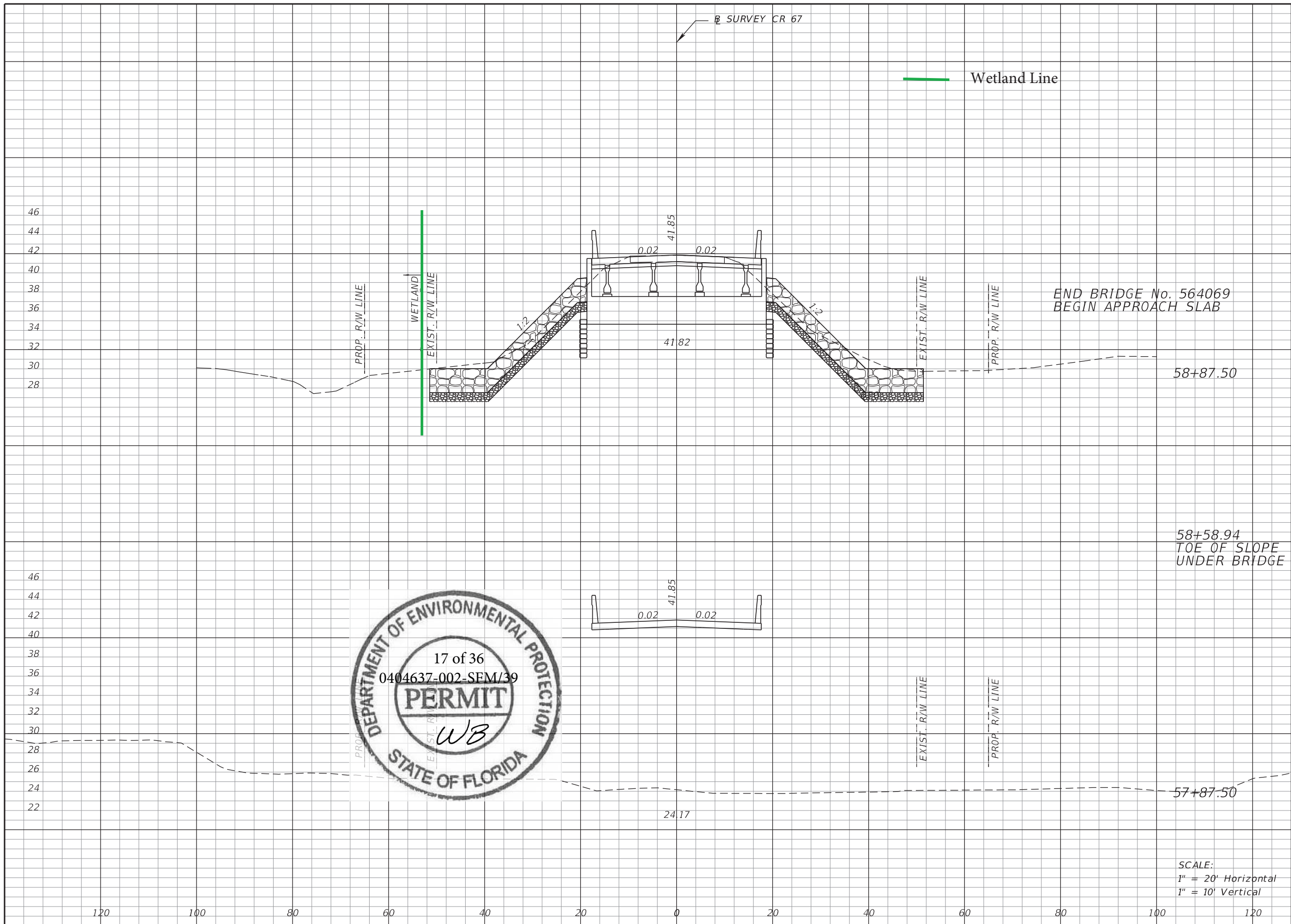
REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

ROBERT MASUCCI, P.E.  
P.E. NO.: 58107  
PALMER ENGINEERING COMPANY  
d/b/a PEC, Inc.  
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Orlando, FL 32814  
FBPE Certificate of Authorization: 7931

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
CR 67	LIBERTY	439371-1-52-01

CROSS SECTIONS		SHEET NO.
		18

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



Regular		Exc.		Embankment	
A	V	A	V	A	V
238		126		1	
0		0		1	



SCALE:  
 1" = 20' Horizontal  
 1" = 10' Vertical

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

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STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
CR 67	LIBERTY	439371-1-52-01

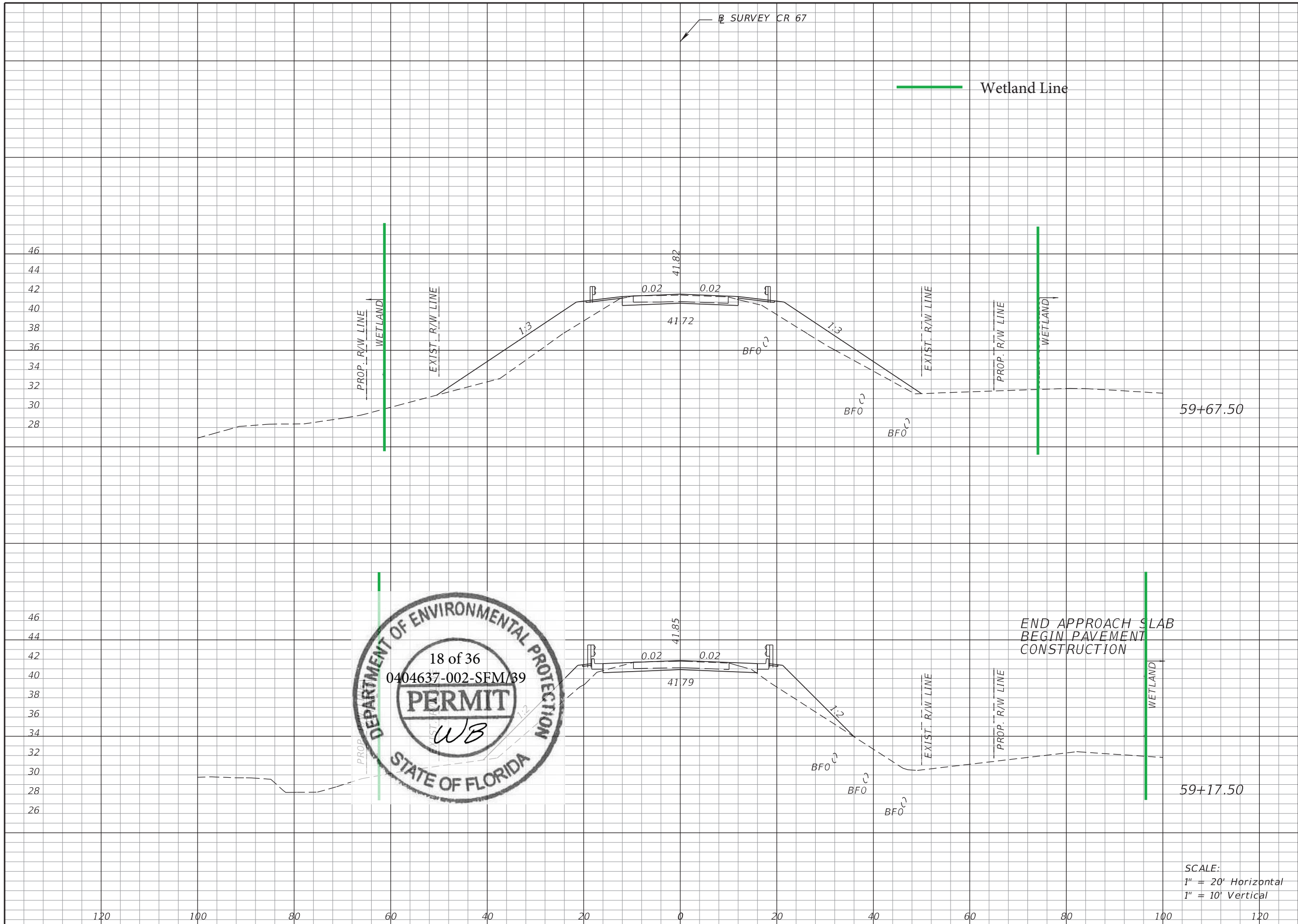
**CROSS SECTIONS**

SHEET NO.  
19

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FOR PERMITTING PURPOSES ONLY



Regular		Exc.		Embankment	
A	V	A	V	A	V
7	17	108	162		
11	138	67	38		

SCALE:  
1" = 20' Horizontal  
1" = 10' Vertical



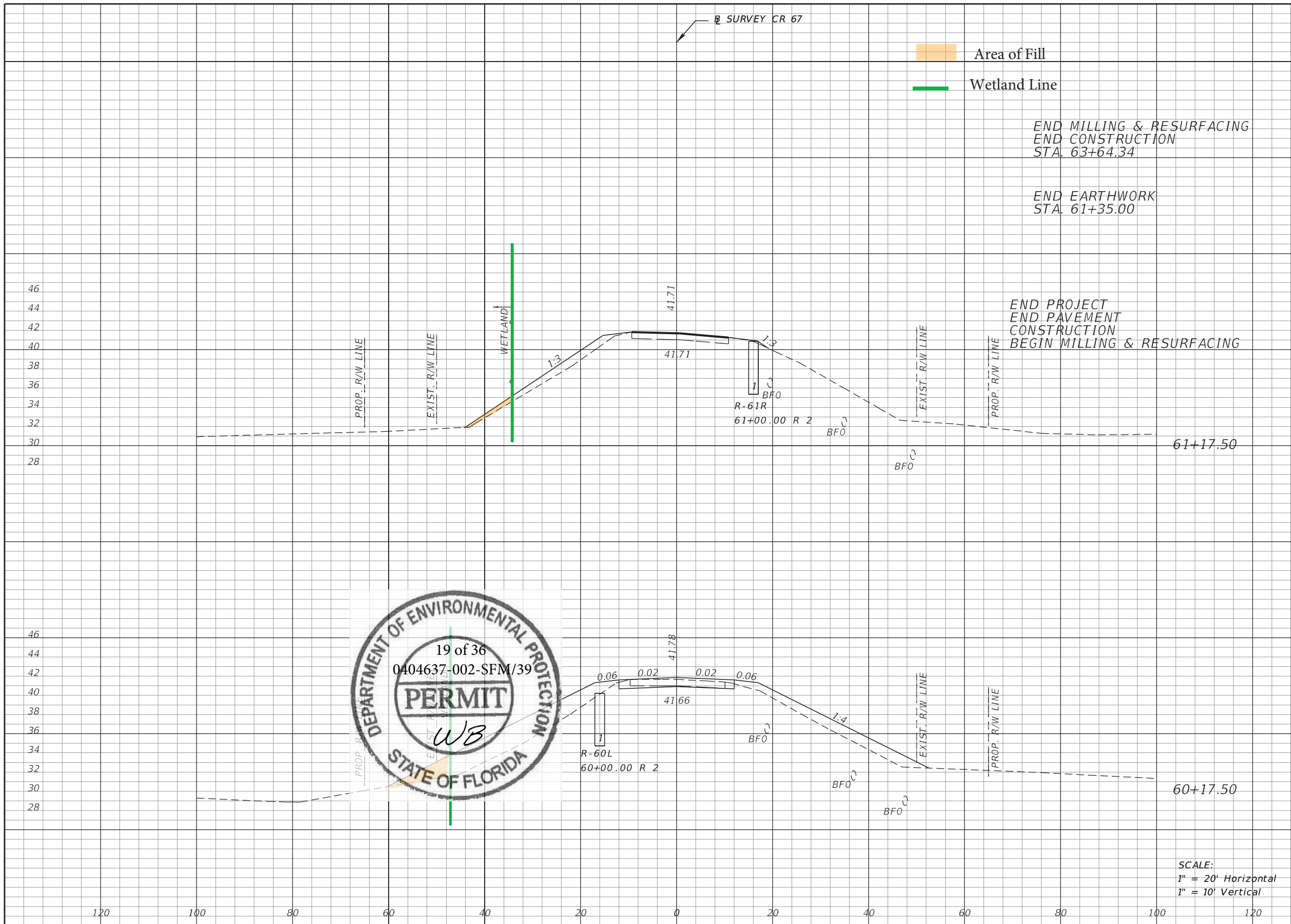
REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

ROBERT MASUCCI, P.E.  
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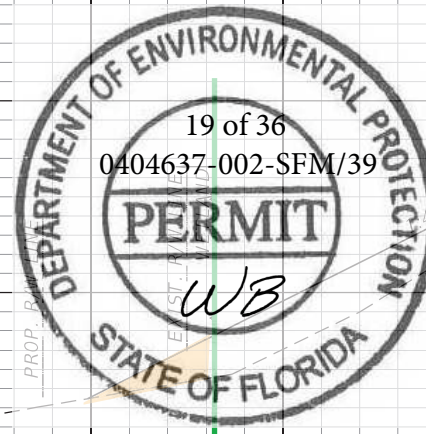
STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
CR 67	LIBERTY	439371-1-52-01

<b>CROSS SECTIONS</b>	SHEET NO. <b>20</b>
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Regular		Exc.		Embankment	
A	V	A	V	A	V
0				0	
	0				12
0		9		36	
					302
5				127	
	11				218



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

ROBERT MASUCCI, P.E.  
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PALMER ENGINEERING COMPANY  
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976 Lake Baldwin Lane, Suite 203  
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FBPE Certificate of Authorization: 7931

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
CR 67	LIBERTY	439371-1-52-01

**CROSS SECTIONS**

SHEET NO.  
21

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

THE FOLLOWING NARRATIVE OF THE STORMWATER POLLUTION PREVENTION PLAN CONTAINS REFERENCES TO THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, THE STANDARD PLANS, AND OTHER SHEETS OF THESE CONSTRUCTION PLANS. THE FIRST SHEET OF THE CONSTRUCTION PLANS (CALLED THE KEY SHEET) CONTAINS AN INDEX TO THE OTHER SHEETS. THE COMPLETE STORMWATER POLLUTION PREVENTION PLAN INCLUDES SEVERAL ITEMS: THIS NARRATIVE DESCRIPTION, THE DOCUMENTS REFERENCED IN THIS NARRATIVE, THE CONTRACTOR'S APPROVED EROSION CONTROL PLAN REQUIRED BY SPECIFICATION SECTION 104, AND REPORTS OF INSPECTIONS MADE DURING CONSTRUCTION.

1.0 SITE DESCRIPTION:

1.A. NATURE OF CONSTRUCTION ACTIVITY:

THIS PROJECT CONSISTS OF THE REPLACEMENT OF A STRUCTURALLY DEFICIENT TWO-LANE BRIDGE, WHICH INCLUDES CONSTRUCTION OF A TEMPORARY BRIDGE AND ROADWAY APPROACHES, CONSTRUCTION OF THE NEW TWO-LANE BRIDGE, AND REMOVAL OF THE TEMPORARY BRIDGE AND ROADWAY APPROACHES.

1.B. SEQUENCE OF MAJOR SOIL DISTURBING ACTIVITIES:

IN THE SEDIMENT AND EROSION CONTROL PLAN, PROVIDE A DETAILED SEQUENCE OF CONSTRUCTION FOR ALL CONSTRUCTION ACTIVITIES. FOLLOW THE SEQUENCE OF MAJOR ACTIVITIES DESCRIBED BELOW, UNLESS THE CONTRACTOR PROPOSES A DIFFERENT SEQUENCE THAT IS EQUAL OR BETTER AT CONTROLLING EROSION AND TRAPPING SEDIMENT AND IS APPROVED BY THE ENGINEER.

FOR EACH CONSTRUCTION PHASE, INSTALL PERIMETER CONTROLS AFTER CLEARING AND GRUBBING NECESSARY FOR INSTALLATION OF CONTROLS BUT BEFORE BEGINNING OTHER WORK FOR THE CONSTRUCTION PHASE. REMOVE PERIMETER CONTROLS ONLY AFTER ALL UPSTREAM AREAS ARE STABILIZED.

1. INSTALL SEDIMENT AND EROSION CONTROL DEVICES.
2. CLEARING AND GRUBBING FOR TEMPORARY BRIDGE AND ROADWAY APPROACHES.
3. CONSTRUCT ROADWAY AND BRIDGE IMPROVEMENTS.
4. REMOVE ANY TEMPORARY SEDIMENT AND EROSION CONTROL DEVICES.

1.C. AREA ESTIMATES:

TOTAL SITE AREA: 3.39 ACRES  
TOTAL AREA TO BE DISTURBED: 1.44 ACRES

1.D. RUNOFF DATA:

RUNOFF COEFFICIENTS:

BEFORE: 0.48  
DURING: VARIES 0.48 TO 0.60  
AFTER: 0.51

SOILS DATA: THE RESULTS OF THE SOIL BORINGS ALONG THE ROUTE ARE SHOWN IN THE ROADWAY SOIL SURVEY SHEET(S). THE NUMBERS FOR THESE ARE IDENTIFIED ON THE KEY SHEET OF THESE CONSTRUCTION PLANS. IN GENERAL, THE SOILS ARE FINE SANDS.

OUTFALL INFORMATION:

THERE ARE THREE OUTFALLS WITHIN THE PROJECT LIMITS.

- #1 DESCRIPTION: BRIDGE DECK SCUPPERS  
LOCATION: 10' CENTERS ALONG BRIDGE BARRIER  
EST. DRAINAGE AREA SIZE: 0.17 ACRES  
RECEIVING WATER NAME: YELLOW CREEK
- #2 DESCRIPTION: ENDWALL  
LOCATION: 30°16'57.60"N, 84°45'6.92"W  
EST. DRAINAGE AREA SIZE: 0.05 ACRES  
RECEIVING WATER NAME: YELLOW CREEK
- #3 DESCRIPTION: ENDWALL  
LOCATION: 30°17'0.51"N, 84°45'8.65"W  
EST. DRAINAGE AREA SIZE: 0.05 ACRES  
RECEIVING WATER NAME: YELLOW CREEK

1.E SITE MAP:

THE CONSTRUCTION PLANS ARE BEING USED AS THE SITE MAPS. THE LOCATION OF THE REQUIRED INFORMATION IS DESCRIBED BELOW. THE SHEET NUMBERS FOR THE PLAN SHEETS REFERENCED ARE IDENTIFIED ON THE KEY SHEET OF THESE CONSTRUCTION PLANS.

\* DRAINAGE PATTERNS: RUNOFF FROM THE BRIDGE DISCHARGES DIRECTLY TO THE SCUPPERS ON THE BRIDGE. ROADWAY RUNOFF DISCHARGES DIRECTLY TO THE ROADSIDE DITCHES AND IS CONVEYED TO YELLOW CREEK. DRAINAGE FLOW DIRECTIONS AND AVERAGE SLOPE OF DRAINAGE AREAS FOR EACH OUTFALL WILL REMAIN THE SAME AS EXISTING CONDITIONS.

\* APPROXIMATE SLOPES: THE SLOPES OF THE SITE CAN BE SEEN IN THE CROSS SECTION SHEETS.

\* AREAS OF SOIL DISTURBANCE: THE AREAS TO BE DISTURBED ARE INDICATED ON THE TYPICAL SECTION SHEETS, TYPICAL SECTION DETAIL SHEETS, ROADWAY PLAN SHEETS, OR CROSS SECTION SHEETS. ANY AREAS WHERE PERMANENT FEATURES ARE SHOWN TO BE CONSTRUCTED ABOVE OR BELOW GROUND WILL BE DISTURBED.

\* AREAS NOT TO BE DISTURBED: ALL AREAS WITHIN THE PROJECT RIGHT OF WAY NOT INDICATED FOR WORK ON THE TYPICAL SECTION SHEETS, TYPICAL SECTION DETAIL SHEETS, ROADWAY PLAN SHEETS, OR CROSS SECTION SHEETS WILL NOT BE DISTURBED.

LOCATIONS OF TEMPORARY CONTROLS: TABLES PROVIDING SUMMARIES OF TEMPORARY EROSION AND SEDIMENT CONTROL ITEMS ARE PROVIDED IN THE SUMMARY OF QUANTITIES SHEETS.

SURFACE WATERS: SURFACE WATERS WITHIN THE PROJECT LIMITS ARE YELLOW CREEK. THERE ARE NO SURFACE WATER IMPACTS ANTICIPATED FOR THIS PROJECT.

1.F. RECEIVING WATERS:

SEE ITEM 1.D FOR THE OUTFALL LOCATIONS AND RECEIVING WATER NAMES. THIS FACILITY DOES NOT DISCHARGE TO WATERS LISTED ON THE EPA APPROVED 303(D) LIST.

2.0 CONTROLS:

2.A. EROSION AND SEDIMENT CONTROLS:

IN THE SEDIMENT AND EROSION CONTROL PLAN, DESCRIBE THE STABILIZATION AND STRUCTURAL PRACTICES BASED ON THE CONTRACTOR'S PROPOSED TEMPORARY TRAFFIC CONTROL(TTC) PLAN. THE FOLLOWING RECOMMENDED GUIDELINES ARE BASED ON THE TEMPORARY TRAFFIC CONTROL PLAN OUTLINED IN THE CONSTRUCTION PLANS. WHERE FOLLOWING THE TEMPORARY TRAFFIC CONTROL PLAN OUTLINED IN THESE CONSTRUCTION PLANS, THE CONTRACTOR MAY CHOOSE TO ACCEPT THE FOLLOWING GUIDELINES OR MODIFY THEM IN THE SEDIMENT AND EROSION CONTROL PLAN, SUBJECT TO APPROVAL BY THE ENGINEER. AS WORK PROGRESSES, MODIFY THE PLAN TO ADAPT TO SEASONAL VARIATION, CHANGES IN CONSTRUCTION ACTIVITIES, AND THE NEED FOR BETTER PRACTICES. EROSION SEDIMENT CONTROLS ARE TO BE THOSE FOUND IN THE APPROVED EROSION CONTROL PLAN.

FOR EACH CONSTRUCTION PHASE, INSTALL PERIMETER CONTROLS AFTER CLEARING AND GRUBBING NECESSARY FOR INSTALLATION OF CONTROLS BUT BEFORE BEGINNING OTHER WORK FOR THE CONSTRUCTION PHASE. REMOVE PERIMETER CONTROLS ONLY AFTER ALL UPSTREAM AREAS ARE STABILIZED.

ALL EROSION AND SEDIMENT CONTROL MEASURES TO BE IN ACCORDANCE WITH FDOT SPECIFICATIONS AND THE STATE OF FLORIDA EROSION AND SEDIMENT CONTROL DESIGNER AND REVIEWER MANUAL.

EROSION AND SEDIMENT CONTROL MEASURES, AS A MINIMUM, ARE TO BE PLACED:

- \* TO PROTECT RECEIVING WATERS.
- \* AT ALL INLETS.
- \* ALONG THE ROADWAY AT ALL LOCATIONS WHERE THIS IS AN ADJACENT WETLAND.



REVISIONS				JENNIFER M. GREEN, P.E. P.E. NO.: 66566 PALMER ENGINEERING COMPANY d/b/a PEC, Inc. 1350 Market Street, Suite 205 Tallahassee, FL 32312 FBPE Certificate of Authorization: 7931	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			STORMWATER POLLUTION PREVENTION PLAN	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
					CR 67	LIBERTY	439371-1-52-01		

2.A.1 STABILIZATION PRACTICES:

IN THE SEDIMENT AND EROSION CONTROL PLAN, DESCRIBE THE STABILIZATION PRACTICES PROPOSED TO CONTROL EROSION. INITIATE ALL STABILIZATION MEASURES AS SOON AS PRACTICAL, BUT IN NO CASE MORE THAN 7 DAYS, IN PORTIONS OF THE SITE WHERE CONSTRUCTION ACTIVITIES HAVE TEMPORARILY OR PERMANENTLY CEASED, THE STABILIZATION PRACTICES ARE TO INCLUDE AT LEAST THE FOLLOWING, UNLESS OTHERWISE APPROVED BY THE ENGINEER.

TEMPORARY:

- \* ARTIFICIAL COVERINGS IN ACCORDANCE WITH SPECIFICATION SECTION 104.
- \* TURF AND SOD IN ACCORDANCE WITH SPECIFICATION SECTION 104.

PERMANENT:

- \* ASPHALT OR CONCRETE SURFACE.
- \* SOD IN ACCORDANCE WITH SPECIFICATION SECTION 570.

BACKFILL AND STABILIZED WITH SOD WITHIN 48 HOURS OF COMPLETION OF ALL CROSS DRAIN OR OUTFALL MODIFICATIONS.

2.A.2 STRUCTURAL PRACTICES:

IN THE SEDIMENT AND EROSION CONTROL PLAN, DESCRIBE THE PROPOSED STRUCTURAL PRACTICES TO CONTROL OR TRAP SEDIMENT AND OTHERWISE PREVENT THE DISCHARGE OF POLLUTANTS FROM EXPOSED AREAS OF THE SITE. SEDIMENT CONTROLS ARE TO BE IN PLACE BEFORE DISTURBING SOIL UPSTREAM OF THE CONTROL. THE STRUCTURAL PRACTICES TO INCLUDE AT LEAST THE FOLLOWING, UNLESS OTHERWISE APPROVED BY THE ENGINEER:

TEMPORARY:

- \* SEDIMENT BARRIERS IN ACCORDANCE WITH SPECIFICATION SECTION 104, AND STATE OF FLORIDA EROSION AND SEDIMENT CONTROL DESIGNER AND REVIEWER MANUAL.

- \* INLET PROTECTION IN ACCORDANCE WITH SPECIFICATION SECTION 104, AND STATE OF FLORIDA EROSION AND SEDIMENT CONTROL DESIGNER AND REVIEWER MANUAL.

- \* FLOATING TURBIDITY BARRIERS IN ACCORDANCE WITH SPECIFICATION SECTION 104, AND STATE OF FLORIDA EROSION AND SEDIMENT CONTROL DESIGNER AND REVIEWER MANUAL.

PERMANENT:

- \* SOD IN ACCORDANCE WITH SPECIFICATION SECTION 570.

2.B STORMWATER MANAGEMENT:

RUNOFF TO BE CONVEYED IN OPEN ROADSIDE SWALES AND CHANNELS WITH DEVICES FOUND IN THE APPROVED EROSION CONTROL PLAN.

2.C OTHER CONTROLS:

2.C.1 WASTE DISPOSAL:

IN THE SEDIMENT AND EROSION CONTROL PLAN, DESCRIBE THE PROPOSED METHODS TO PREVENT THE DISCHARGE OF SOLID MATERIALS, INCLUDING BUILDING MATERIALS, TO WATERS OF THE UNITED STATES. THE PROPOSED METHODS ARE TO INCLUDE AT LEAST THE FOLLOWING, UNLESS OTHERWISE APPROVED BY THE ENGINEER:

- \* PROVIDING LITTER CONTROL AND COLLECTION WITHIN THE PROJECT DURING CONSTRUCTION ACTIVITIES.

- \* DISPOSING OF ALL FERTILIZER OR OTHER CHEMICAL CONTAINERS ACCORDING TO EPA'S STANDARD PRACTICES AS DETAILED BY THE MANUFACTURER.

- \* DISPOSING OF SOLID MATERIALS INCLUDING BUILDING AND CONSTRUCTION MATERIALS OFF THE PROJECT SITE BUT NOT IN SURFACE WATERS, OR WETLANDS.

2.C.2 OFF-SITE VEHICLE TRACKING & DUST CONTROL:

IN THE SEDIMENT AND EROSION CONTROL PLAN, DESCRIBE THE PROPOSED METHODS FOR MINIMIZING OFFSITE VEHICLE TRACKING OF SEDIMENTS AND GENERATING DUST. THE PROPOSED METHODS ARE TO INCLUDE AT LEAST THE FOLLOWING, UNLESS OTHERWISE APPROVED BY THE ENGINEER.

- \* COVERING LOADED HAUL TRUCKS WITH TARPULINS.
- \* REMOVING EXCESS DIRT FROM ROADS DAILY.
- \* STABILIZING CONSTRUCTION ENTRANCES ACCORDING TO SPECIFICATION SECTION 104 AND THE STATE OF FLORIDA EROSION AND SEDIMENT CONTROL DESIGNER AND REVIEWER MANUAL.
- \* USING ROADWAY SWEEPERS DURING DUST GENERATING ACTIVITIES SUCH AS EXCAVATION AND MILLING OPERATIONS.

2.C.3 STATE AND LOCAL REGULATIONS FOR WASTE DISPOSAL, SANITARY SEWER, OR SEPTIC TANK REGULATIONS:

IN THE SECTION 104 EROSION CONTROL PLAN, DESCRIBE THE PROPOSED PROCEDURES TO COMPLY WITH APPLICABLE STATE AND LOCAL REGULATIONS FOR WASTE DISPOSAL, AND SANITARY SEWER OR SEPTIC SYSTEMS.

2.C.4 FERTILIZERS AND PESTICIDES:

IN THE SEDIMENT AND EROSION CONTROL PLAN, DESCRIBE THE PROCEDURES FOR APPLYING FERTILIZERS AND PESTICIDES. THE PROPOSED PROCEDURES ARE TO COMPLY WITH APPLICABLE SUBSECTIONS OF SPECIFICATIONS SECTION 982.

2.C.5 TOXIC SUBSTANCES:

IN THE SEDIMENT AND EROSION CONTROL PLAN, PROVIDE A LIST OF TOXIC SUBSTANCES THAT ARE LIKELY TO BE USED ON THE JOB AND PROVIDE A PLAN ADDRESSING THE GENERATION, APPLICATION, MIGRATION, STORAGE, AND DISPOSAL OF THESE SUBSTANCES.

2.D.4 APPROVED STATE AND LOCAL PLANS AND PERMITS:

NORTHWEST FLORIDA WATER MANAGEMENT DISTRICT GENERAL RESORT PERMIT: TBD

USACE NW 14: TBD

3.0 MAINTENANCE:

IN THE SEDIMENT AND EROSION CONTROL PLAN, PROVIDE A PLAN FOR MAINTAINING ALL EROSION AND SEDIMENT CONTROLS THROUGHOUT CONSTRUCTION. THE MAINTENANCE PLAN TO, AT A MINIMUM, COMPLY WITH THE FOLLOWING:

- \* SILT FENCE: MAINTAIN PER SPECIFICATION SECTION 104. THE CONTRACTOR SHOULD ANTICIPATE REPLACING SILT FENCE ON 12 MONTH INTERVALS.

- \* SEDIMENT BARRIERS AND INLET PROTECTION SYSTEMS : MAINTAIN PER SECTION 104. REMOVE SEDIMENT AS PER MANUFACTURER'S RECOMMENDATIONS OR WHEN WATER PONDS IN UNACCEPTABLE AMOUNTS OR AREAS.

4.0 INSPECTIONS:

QUALIFIED PERSONNEL ARE TO INSPECT THE FOLLOWING ITEMS AT LEAST ONCE EVERY SEVEN CALENDAR DAYS AND WITHIN 24 HOURS OF THE END OF A STORM THAT IS 0.50 INCHES OR GREATER. TO COMPLY, INSTALL AND MAINTAIN RAIN GAUGES AND RECORD THE DAILY RAINFALL. WHERE SITES HAVE BEEN PERMANENTLY STABILIZED, INSPECTIONS ARE TO BE CONDUCTED AT LEAST ONCE EVERY MONTH. INSPECT THAT CONTROLS INSTALLED IN THE FIELD AGREE WITH THE LATEST STORMWATER POLLUTION PREVENTION PLAN.

- \* POINTS OF DISCHARGE TO WATERS OF THE UNITED STATES.
- \* POINTS OF DISCHARGE TO MUNICIPAL SEPARATE STORM DRAIN SYSTEMS.
- \* DISTURBED AREAS OF THE SITE THAT HAVE NOT BEEN FINALLY STABILIZED.
- \* AREAS USED FOR STORAGE OF MATERIALS THAT ARE EXPOSED TO PRECIPITATION.
- \* STRUCTURAL CONTROLS.
- \* STORMWATER MANAGEMENT SYSTEMS.
- \* LOCATIONS WHERE VEHICLES ENTER OR EXIT THE SITE.

INITIATE REPAIRS WITHIN 24 HOURS OF INSPECTIONS THAT INDICATE ITEMS ARE NOT IN GOOD WORKING ORDER.

IF INSPECTIONS INDICATE THAT THE INSTALLED STABILIZATION AND STRUCTURAL PRACTICES ARE NOT SUFFICIENT TO MINIMIZE EROSION, RETAIN SEDIMENT, AND PREVENT DISCHARGING POLLUTANTS, PROVIDE ADDITIONAL MEASURES, AS APPROVED BY THE ENGINEER.

5.0 NON-STORMWATER DISCHARGES:

IN THE SEDIMENT AND EROSION CONTROL PLAN, IDENTIFY ALL ANTICIPATED NON-STORMWATER DISCHARGES (EXCEPT FLOWS FROM FIRE FIGHTING ACTIVITIES). DESCRIBE THE PROPOSED MEASURES TO PREVENT POLLUTION OF THESE NON-STORMWATER DISCHARGES. IF THE CONTRACTOR ENCOUNTERS CONTAMINATED SOIL OR GROUNDWATER, CONTACT THE DISTRICT CONTAMINATION IMPACT COORDINATOR (DCID) AT 850-330-1511.



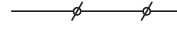





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DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
						CR 67	LIBERTY		439371-1-52-01

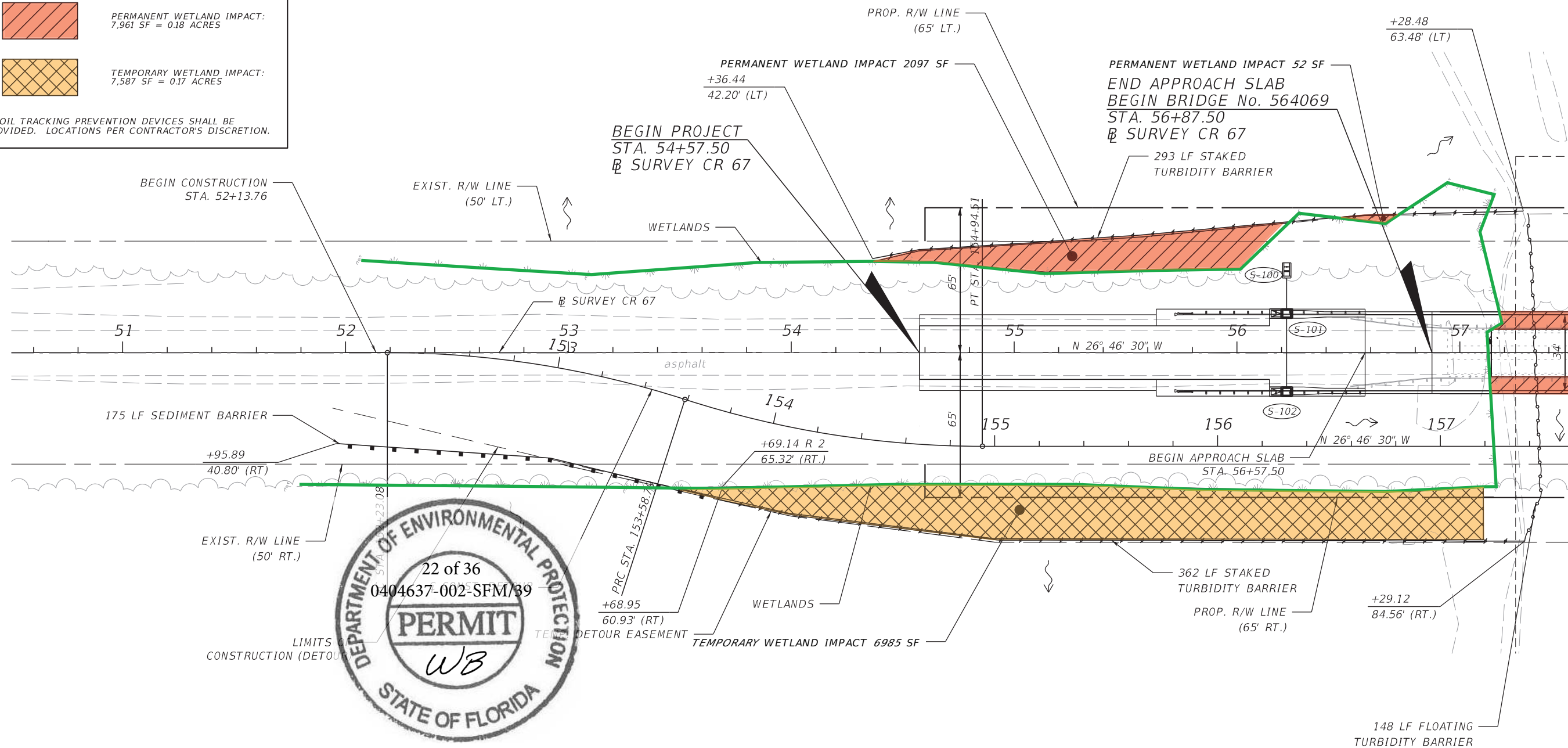
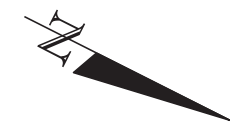
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**EROSION CONTROL PLAN LEGEND**

-  SEDIMENT BARRIER
-  FLOATING TURBIDITY BARRIER
-  STAKED TURBIDITY BARRIER
-  FLOW ARROW
-  PERMANENT WETLAND IMPACT:  
7,961 SF = 0.18 ACRES
-  TEMPORARY WETLAND IMPACT:  
7,587 SF = 0.17 ACRES

2-SOIL TRACKING PREVENTION DEVICES SHALL BE PROVIDED. LOCATIONS PER CONTRACTOR'S DISCRETION.

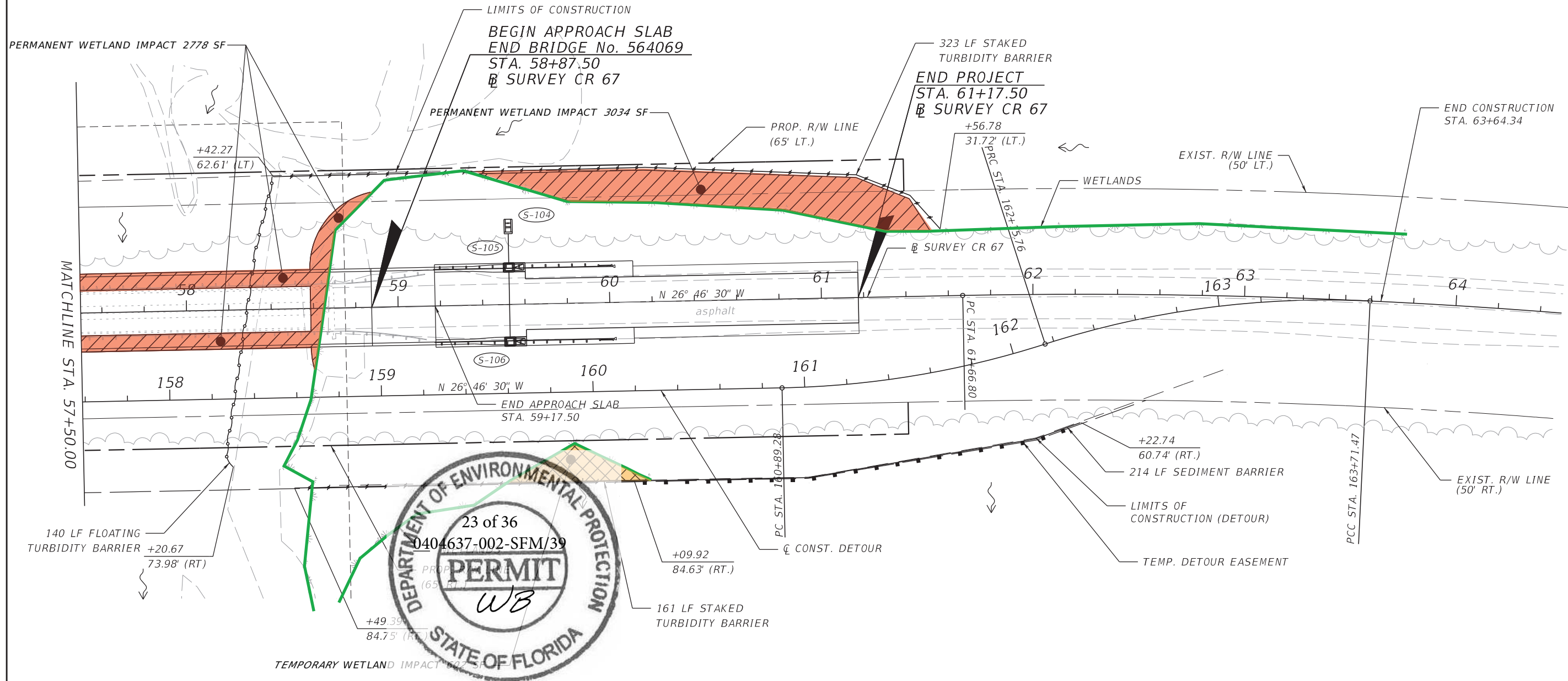


NOTE: ALL STATIONS AND OFFSETS ARE REFERENCED TO  $\mathbb{B}$  SURVEY CR 67 UNLESS OTHERWISE NOTED.



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DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
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DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
					CR 67	LIBERTY	439371-1-52-01		

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TRAFFIC CONTROL PLAN GENERAL NOTES

1. THESE TRAFFIC CONTROL PLANS ARE NOT ALL INCLUSIVE. THE PLANS ARE INTENDED TO PROVIDE ONLY THE MAJOR TRAFFIC CONTROL REQUIREMENTS.
2. THE POSTED SPEED LIMIT ALONG THE WORK ZONE IS 50 MPH FOR PHASES I & III. A SPEED LIMIT OF 30 MPH IS TO BE USED WHILE THE DIVERSION ROUTE IS IN USE.
3. TRANSITIONS HEREIN LAID OUT AS PER INDEX 102-650.
4. THE CENTERLINE OF THE TEMPORARY BRIDGE SHALL BE 42' FROM THE CENTERLINE OF THE EXISTING BRIDGE. SEE INDEX 102-200 FOR ADDITIONAL DETAILS FOR THE TEMPORARY BRIDGE.

PHASE I NOTES:

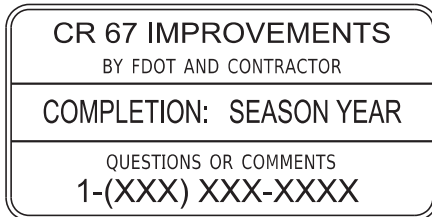
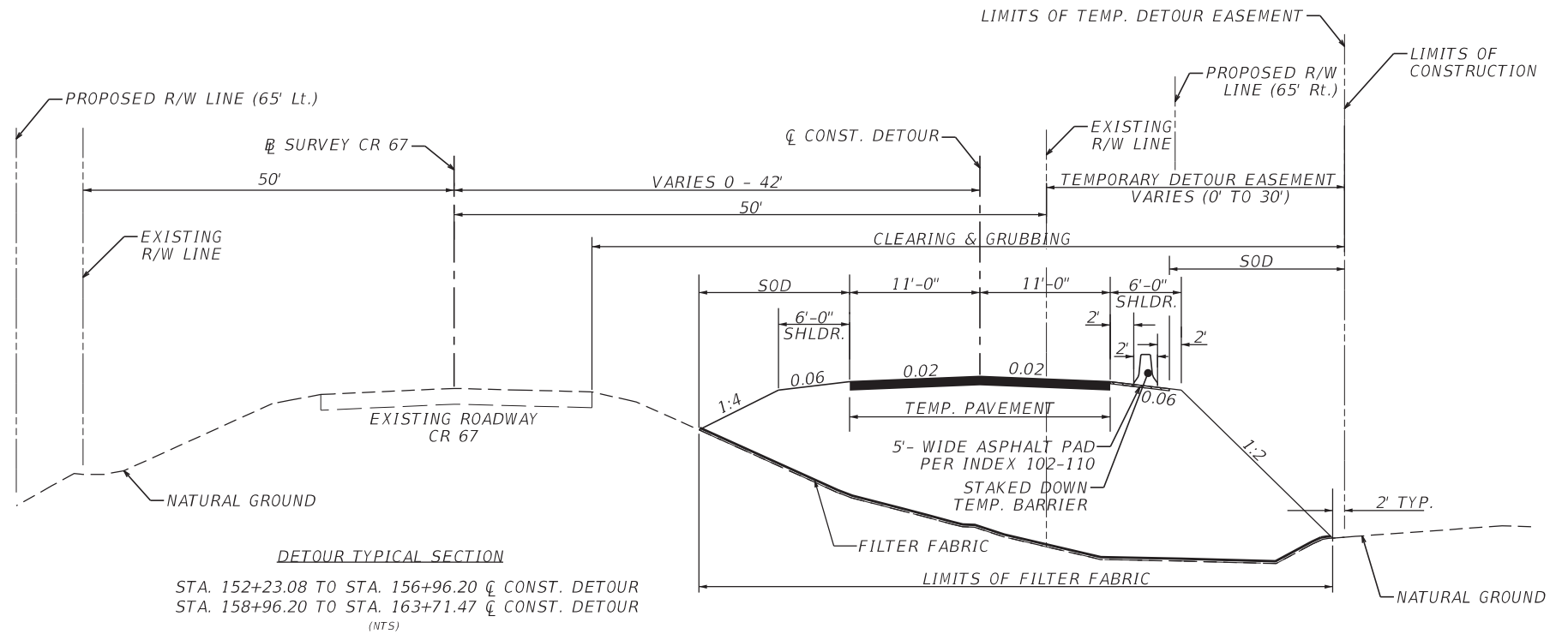
1. PLACE ADVANCE WARNING SIGNAGE AS NOTED BELOW.
2. PLACE EROSION CONTROL PER PLAN AND PERMIT REQUIREMENTS.
3. MAINTAIN TRAFFIC ON EXISTING BRIDGE AND CR 67. CLEAR AND GRUB DIVERSION ROUTE.
4. MAINTAIN TRAFFIC PER TTCP - PHASE I & III PLANS, INDEX 102-601, 102-602, AND 102-603 AS CONDITIONS WARRANT.
5. BUILD TEMPORARY BRIDGE AS PER INDEX 102-200. CONSTRUCT TEMPORARY PAVEMENT.

PHASE II NOTES:

1. REDUCE POSTED SPEED TO 30 MPH AS NOTED ON ADVANCE WARNING SIGNAGE DETAIL BELOW.
2. SHIFT TRAFFIC TO TEMPORARY DIVERSION ROUTE. SEE TTCP - PHASE II PLANS FOR ADDITIONAL INFORMATION.
3. CONSTRUCT NEW BRIDGE AND APPROACH PAVEMENT.

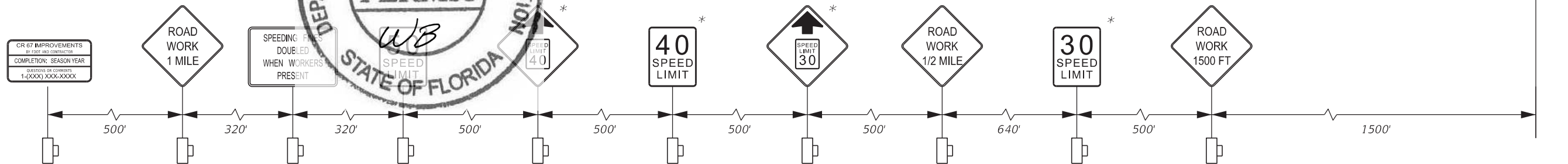
PHASE III NOTES:

1. SHIFT TRAFFIC TO FINAL ROADWAY.
2. MAINTAIN TRAFFIC PER TTCP - PHASE I & III PLANS, INDEX 102-601, 102-602, AND 102-603 AS CONDITIONS WARRANT.
3. REMOVE DIVERSION ROUTE AND COMPLETE FINAL ROAD SIDE ELEMENTS.
4. PLACE FINISHED SOIL LAYER AND SOD.
5. MILL AND RESURFACE ROADWAY WHERE INDICATED.



PROJECT INFORMATION SIGN

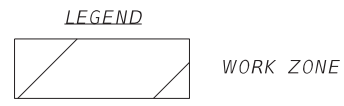
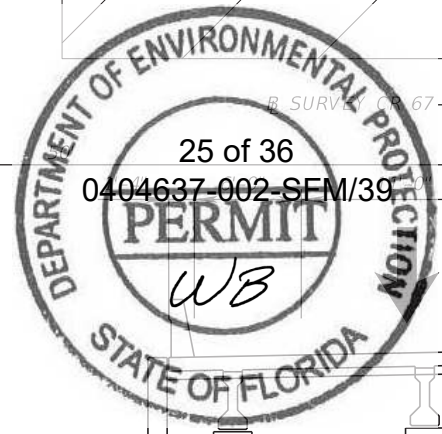
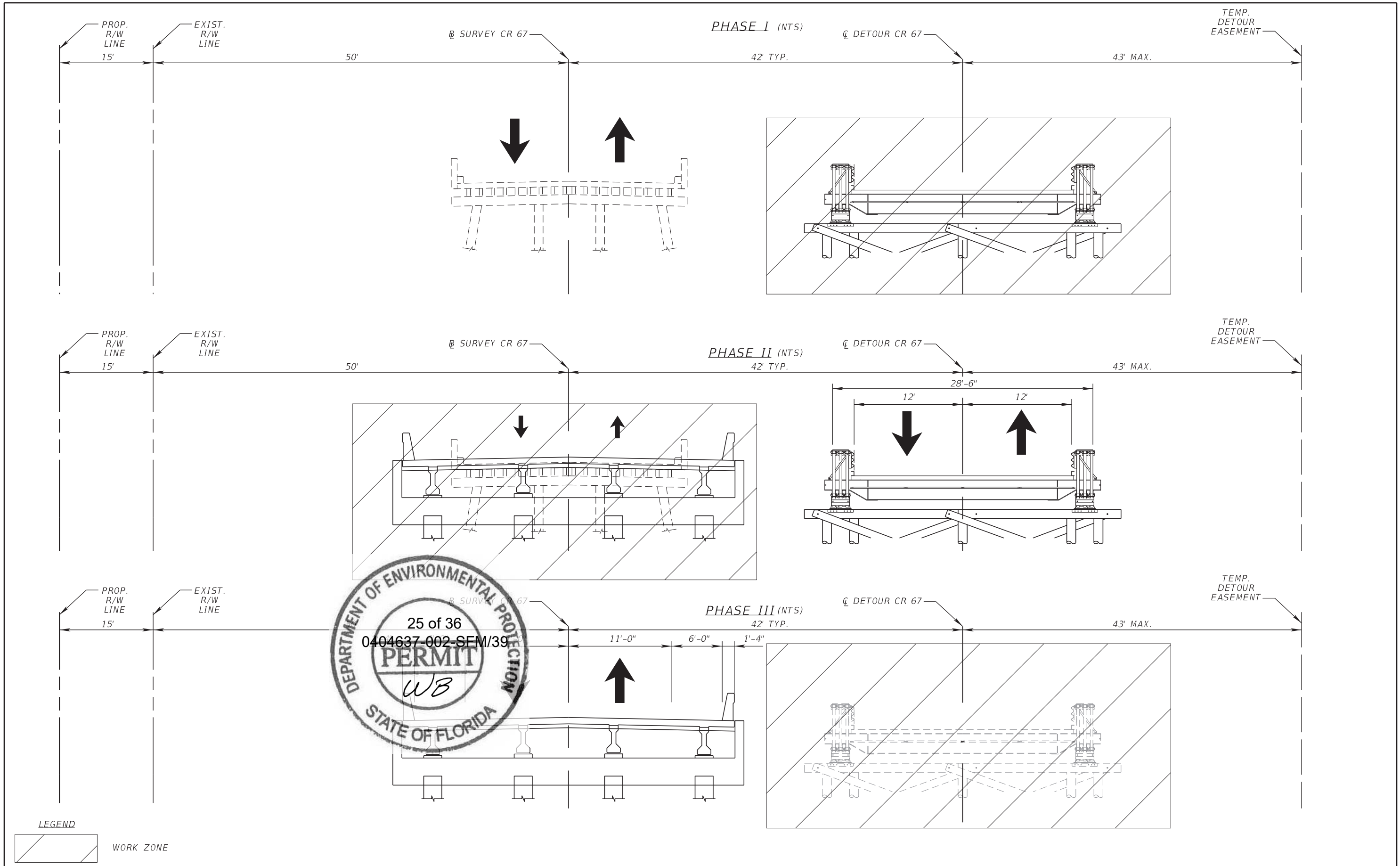
NOTE: INFORMATION TO BE INCLUDED ON THE SIGN WILL BE ESTABLISHED AT PRE-CONSTRUCTION CONFERENCE



ADVANCE WARNING SIGNAGE DETAIL (NTS)  
NB SHOWN, SB MIRROR IMAGE  
\* SPEED REDUCTION SIGNAGE FOR PHASE II WORK.

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DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
					CR 67	LIBERTY	439371-1-52-01		26

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DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
					CR 67	LIBERTY	439371-1-52-01		

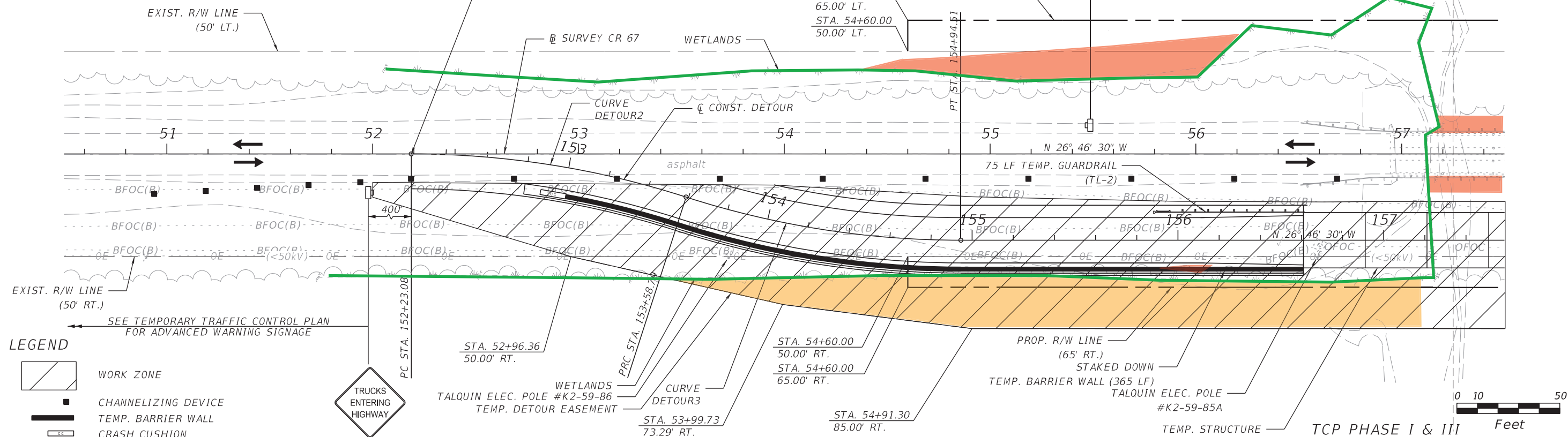


NOTE: ALL STATIONS AND OFFSETS ARE REFERENCED TO SURVEY CR 67 UNLESS OTHERWISE NOTED.

CURVE DATA DETOUR2  
 PI STA. = 152+91.49  
 Δ = 17° 52' 32.88" (RT.)  
 D = 13° 10' 17.20"  
 T = 68.41  
 L = 135.72  
 R = 435.00  
 PC STA. = 152+23.08  
 PT STA. = 153+58.79  
 e = NC

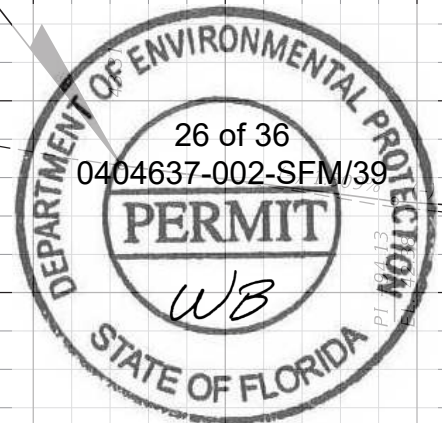
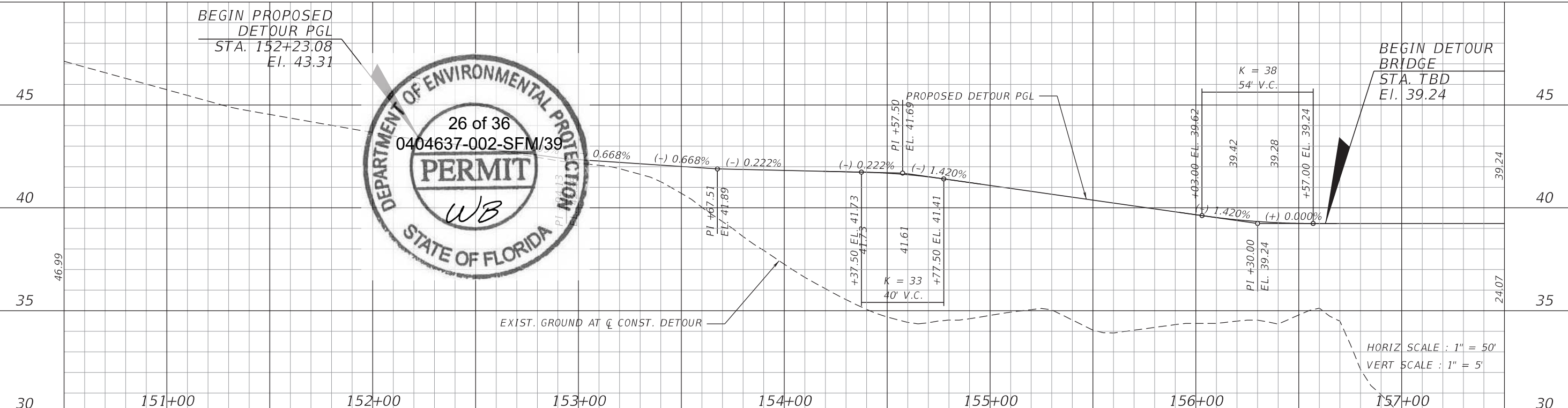
CURVE DATA DETOUR3  
 PI STA. = 154+27.21  
 Δ = 17° 52' 32.88" (LT.)  
 D = 13° 10' 17.20"  
 T = 68.41  
 L = 135.72  
 R = 435.00  
 PC STA. = 153+58.79  
 PT STA. = 154+94.51  
 e = NC

☉ SURVEY CR 67 STA. 52+18.76 =  
 ☉ CONST. DETOUR STA. 152+23.08



**LEGEND**

- WORK ZONE
- CHANNELIZING DEVICE
- TEMP. BARRIER WALL
- CRASH CUSHION



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DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
					CR 67	LIBERTY	439371-1-52-01		

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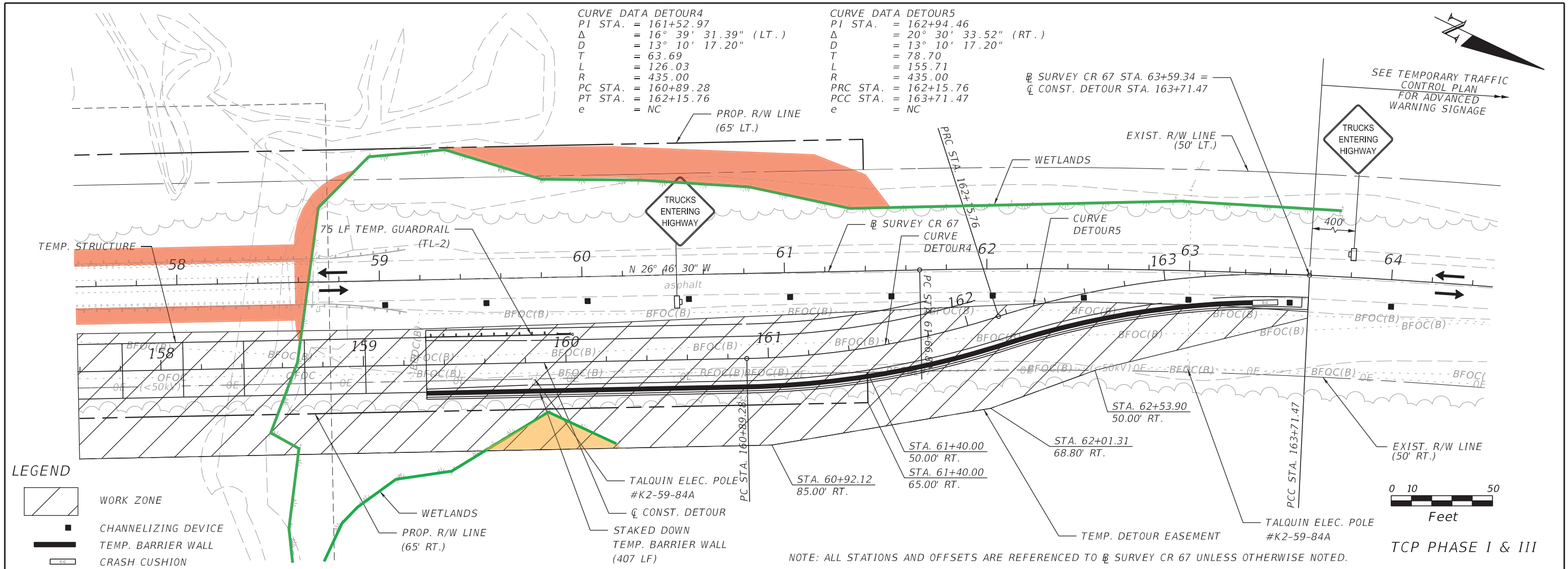


**CURVE DATA DETOUR4**  
 PI STA. = 161+52.97  
 $\Delta$  = 16° 39' 31.39" (LT.)  
 D = 13° 10' 17.20"  
 T = 63.69  
 L = 126.03  
 R = 435.00  
 PC STA. = 160+89.28  
 PT STA. = 162+15.76  
 e = NC

**CURVE DATA DETOUR5**  
 PI STA. = 162+94.46  
 $\Delta$  = 20° 30' 33.52" (RT.)  
 D = 13° 10' 17.20"  
 T = 78.70  
 L = 155.71  
 R = 435.00  
 PRC STA. = 162+15.76  
 PCC STA. = 163+71.47  
 e = NC

☉ SURVEY CR 67 STA. 63+59.34 =  
 ☐ CONST. DETOUR STA. 163+71.47

SEE TEMPORARY TRAFFIC CONTROL PLAN FOR ADVANCED WARNING SIGNAGE



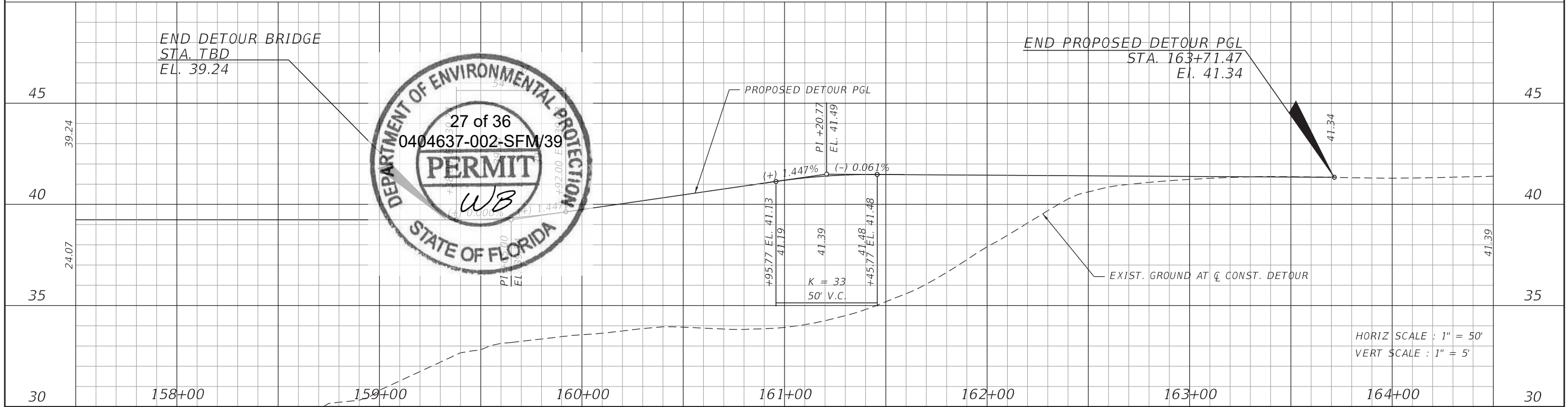
**LEGEND**

- WORK ZONE
- CHANNELIZING DEVICE
- TEMP. BARRIER WALL
- CRASH CUSHION
- WETLANDS
- PROP. R/W LINE (65' RT.)
- TALQUIN ELEC. POLE #K2-59-84A
- STAKED DOWN TEMP. BARRIER WALL (407 LF)



TCP PHASE I & III

NOTE: ALL STATIONS AND OFFSETS ARE REFERENCED TO ☉ SURVEY CR 67 UNLESS OTHERWISE NOTED.



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

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 P.E. NO.: 58107  
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STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
CR 67	LIBERTY	439371-1-52-01

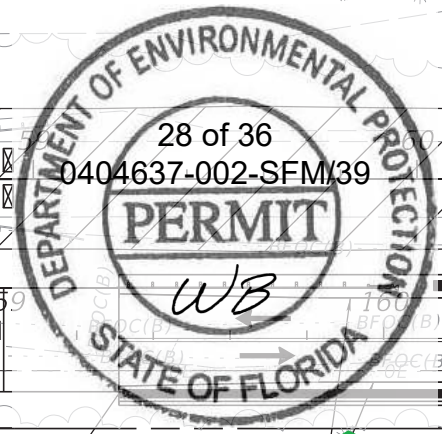
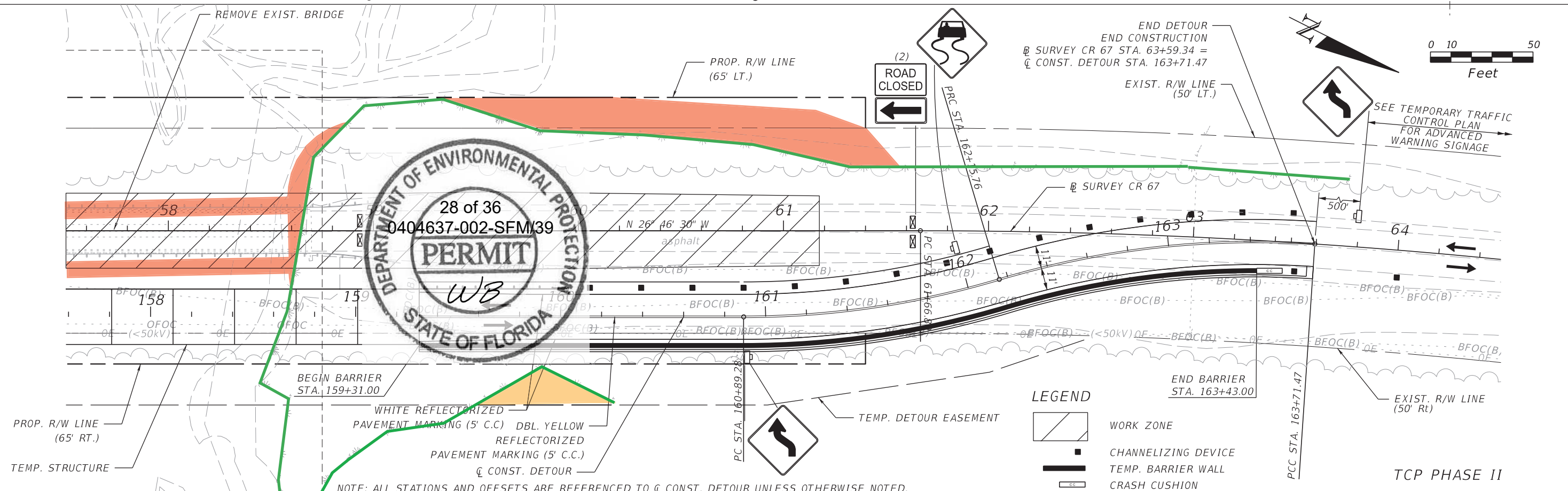
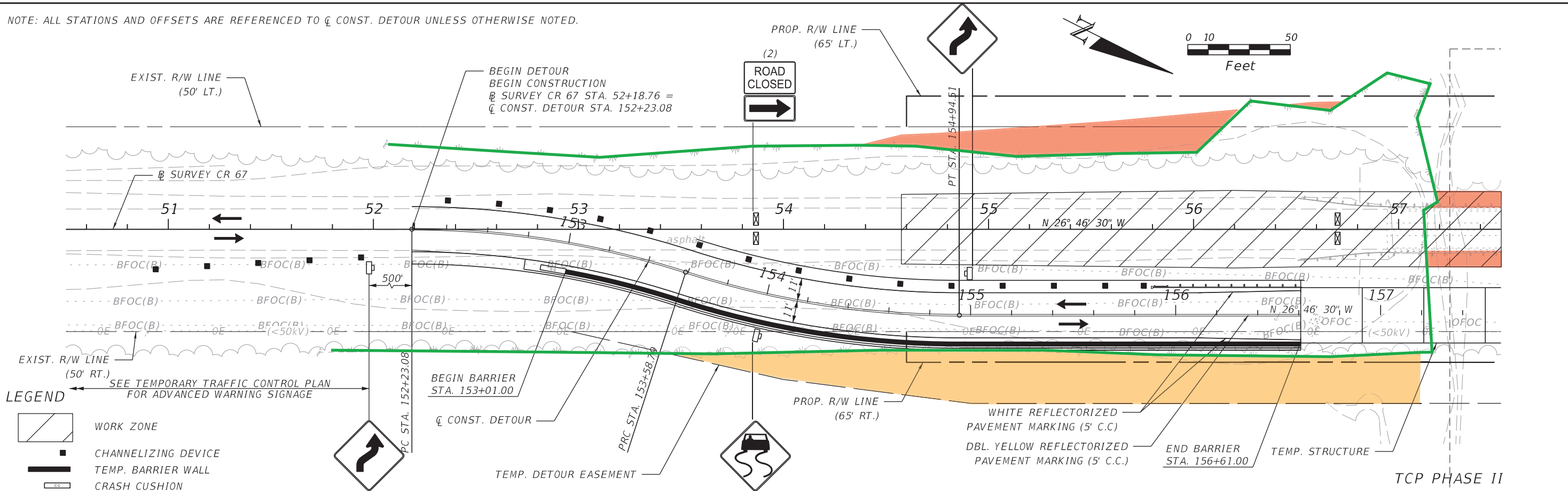
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PHASE I & III**

SHEET NO.  
29

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REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

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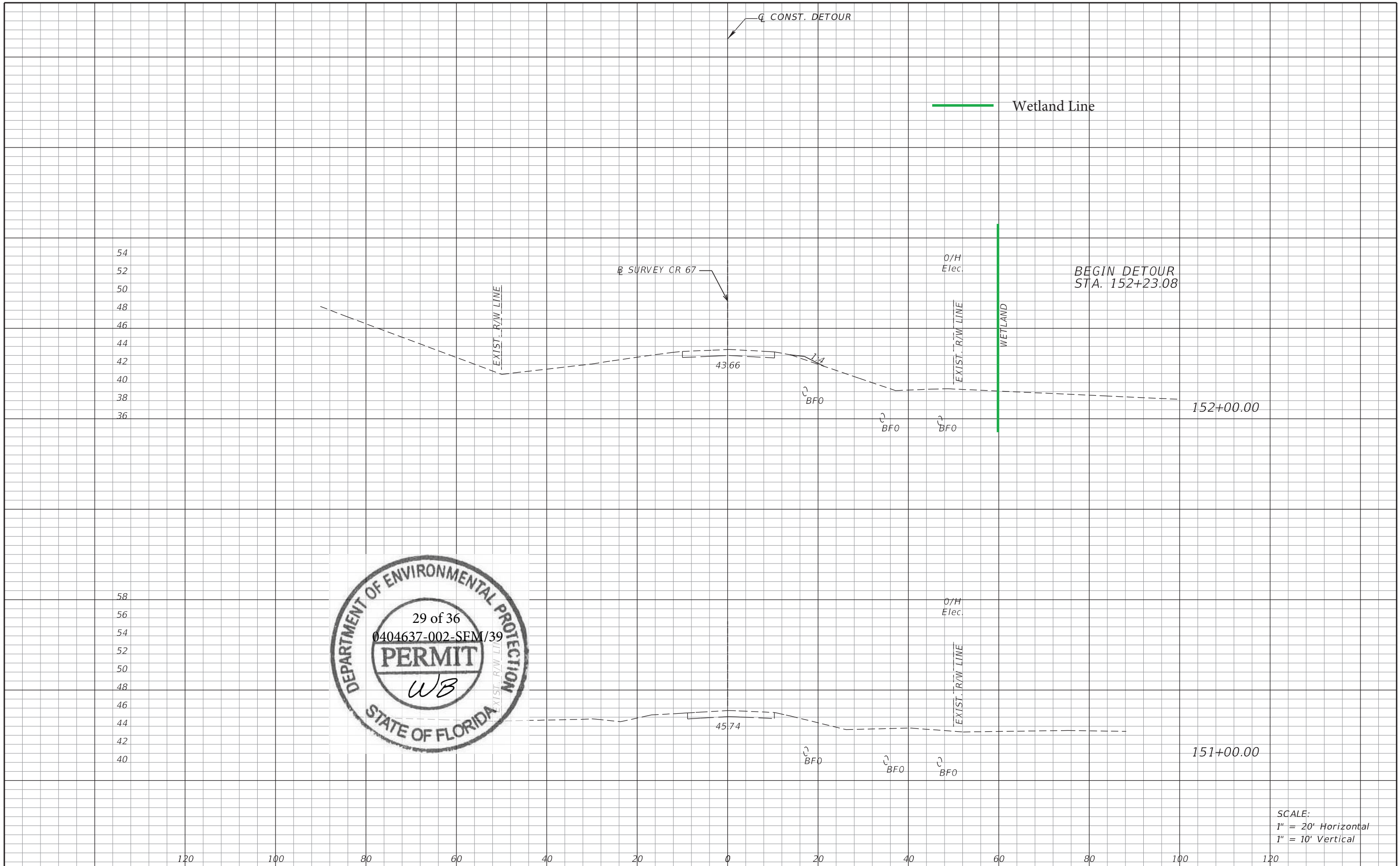
STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
CR 67	LIBERTY	439371-1-52-01

TTCP -  
PHASE II

SHEET NO.  
30

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SCALE:  
1" = 20' Horizontal  
1" = 10' Vertical

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DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		31
				CR 67	LIBERTY	439371-1-52-01			

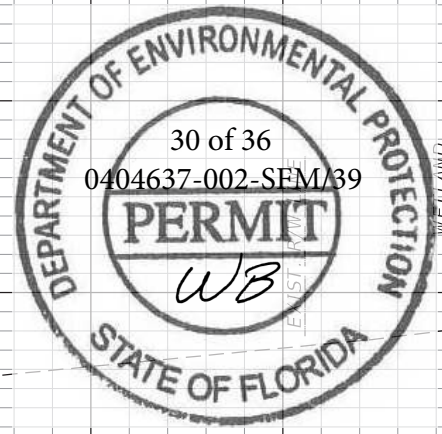
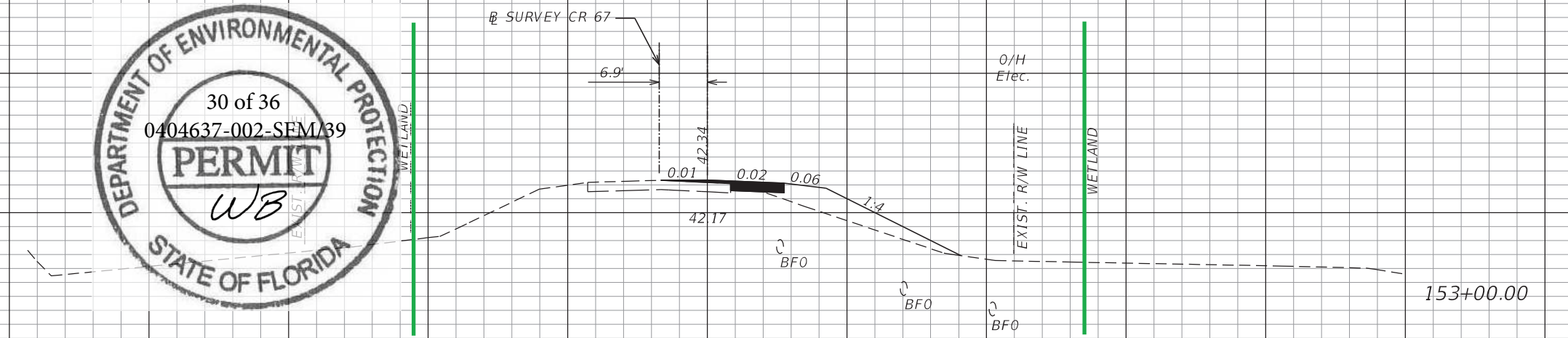
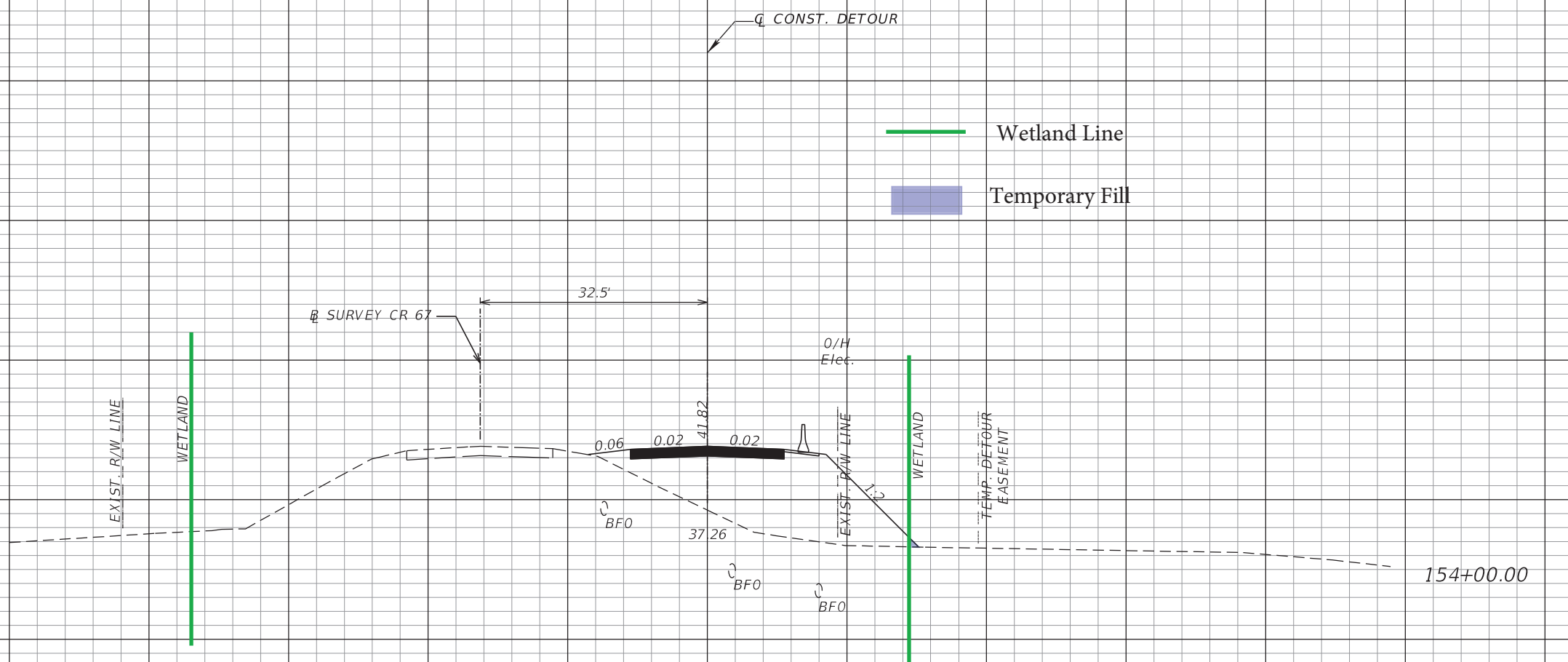


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— Wetland Line  
 ■ Temporary Fill

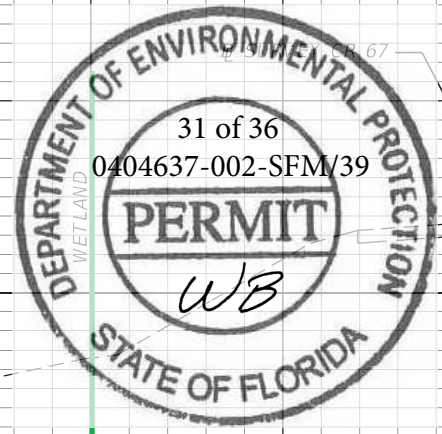
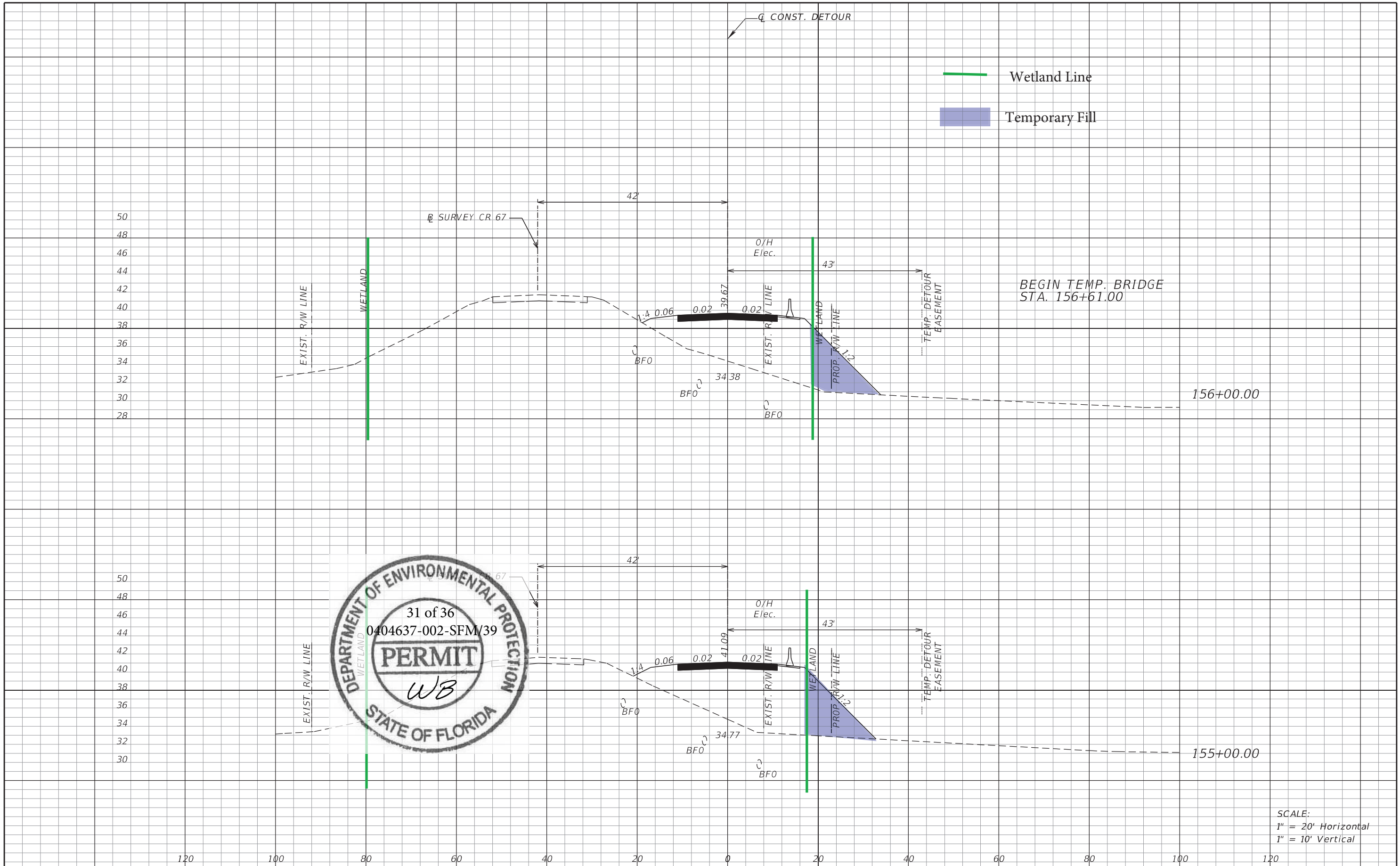


SCALE:  
 1" = 20' Horizontal  
 1" = 10' Vertical

120 100 80 60 40 20 0 20 40 60 80 100 120

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DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
					CR 67	LIBERTY	439371-1-52-01		32

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DATE	DESCRIPTION	DATE	DESCRIPTION	ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
				CR 67	LIBERTY	439371-1-52-01		

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120 100 80 60 40 20 0 20 40 60 80 100 120

EXIST. R/W LINE

EXIST. R/W LINE

EXIST. R/W LINE

PROP. R/W LINE

EXIST. R/W LINE

PROP. R/W LINE

WETLAND R/W LINE

Wetland Line

Q CONST. DETOUR

Q DETOUR

Q SURVEY CR. 67



42'

43'

39.24'

O/H Elec.

TEMP. DETOUR EASEMENT

24.03

C BFO

158+00.00

42'

43'

39.24'

O/H Elec.

TEMP. DETOUR EASEMENT

29.95

C BFO

157+00.00

SCALE:  
1" = 20' Horizontal  
1" = 10' Vertical

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

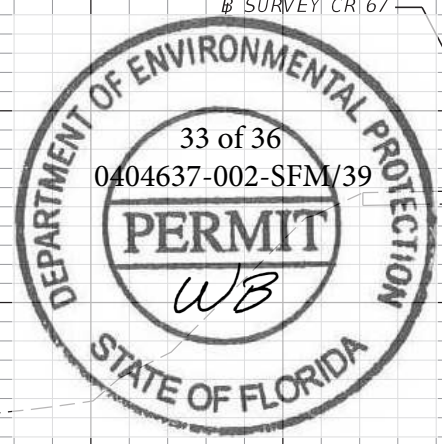
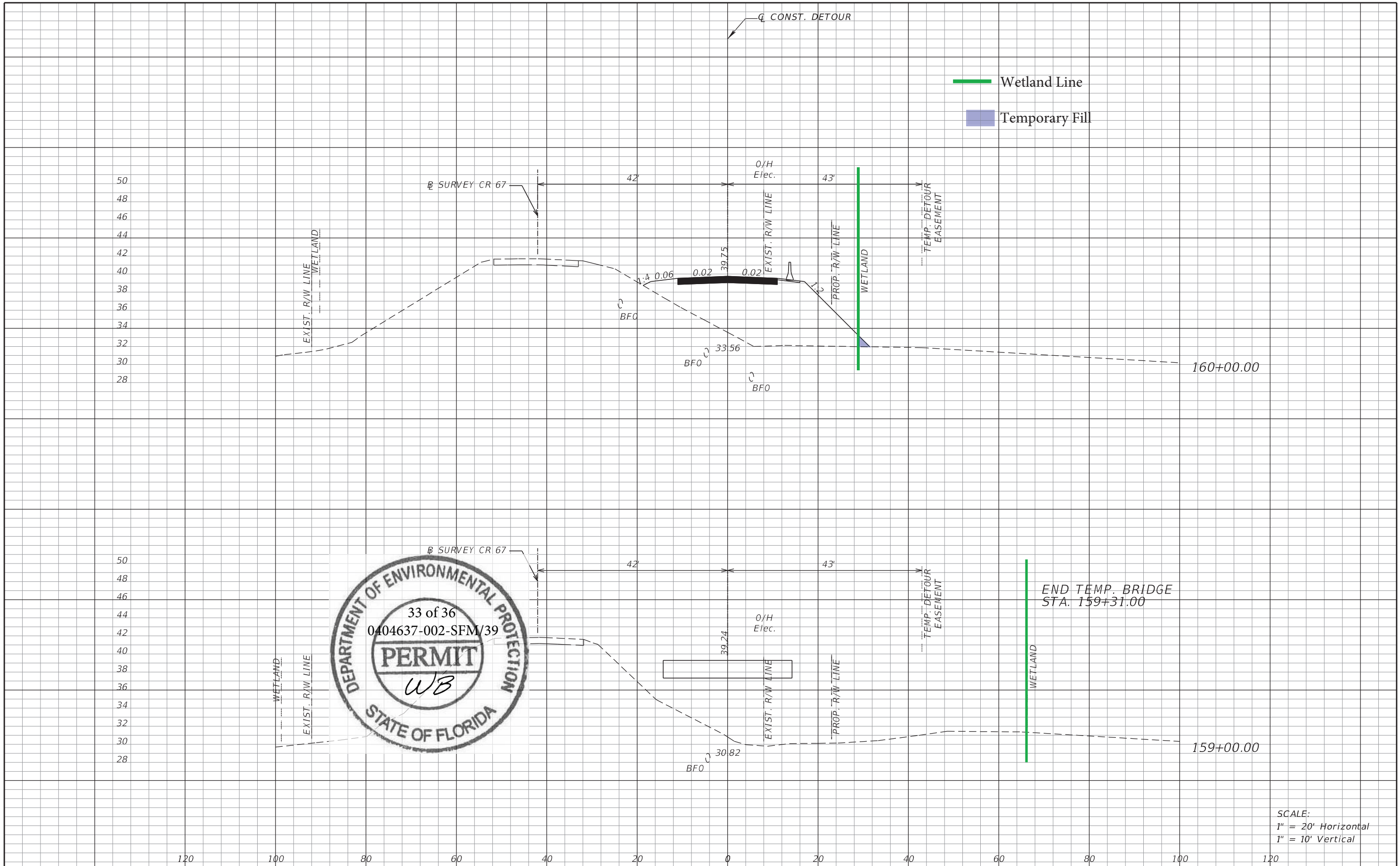
ROBERT MASUCCI, P.E.  
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STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
CR 67	LIBERTY	439371-1-52-01

**TTCP**  
**CROSS SECTIONS**

SHEET NO.  
34

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REVISIONS				STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			<b>TTCP</b> <b>CROSS SECTIONS</b>	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	ROAD NO.	COUNTY	FINANCIAL PROJECT ID		35
				CR 67	LIBERTY	439371-1-52-01		

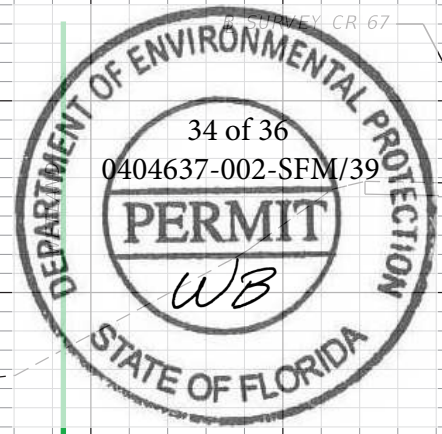
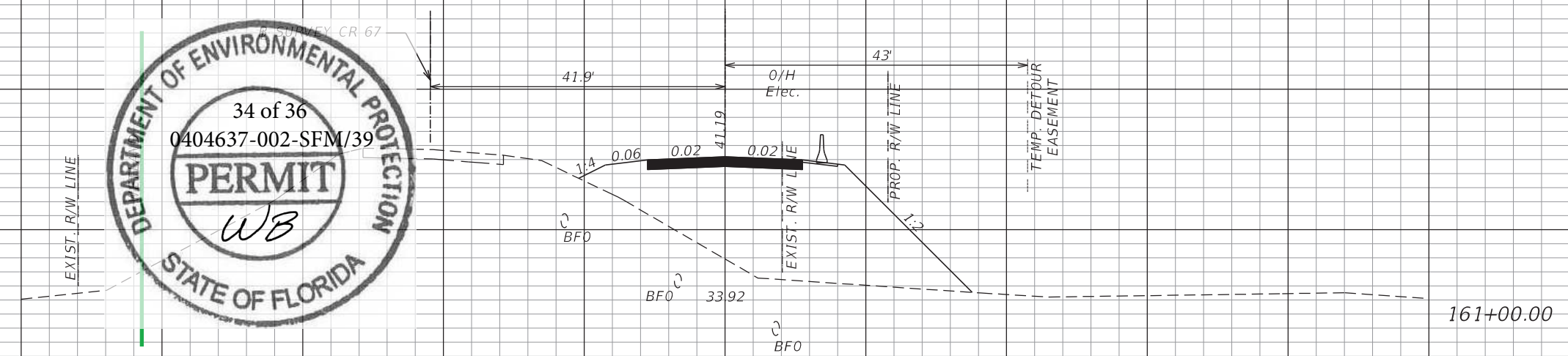
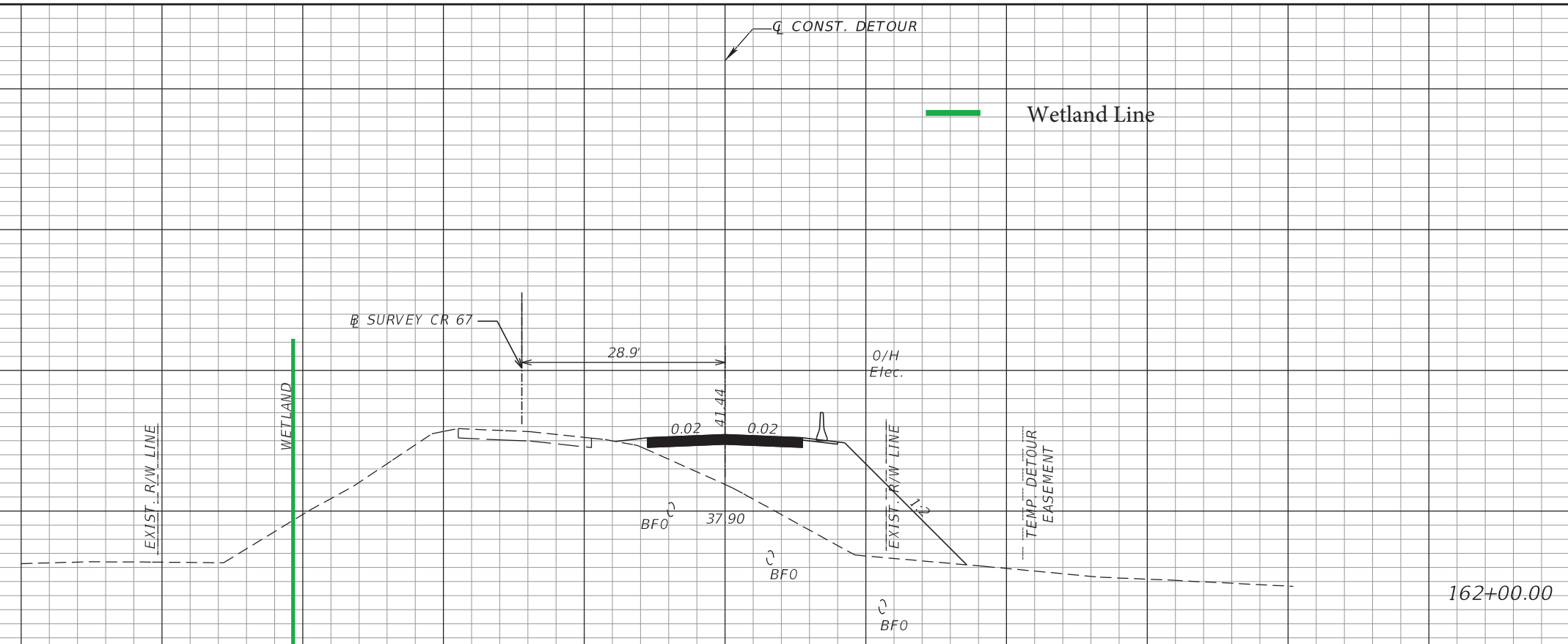
ROBERT MASUCCI, P.E.  
 P.E. NO.: 58107  
 PALMER ENGINEERING COMPANY  
 d/b/a PEC, Inc.  
 976 Lake Baldwin Lane, Suite 203  
 Orlando, FL 32814  
 FBPE Certificate of Authorization: 7931

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SCALE:  
1" = 20' Horizontal  
1" = 10' Vertical

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

ROBERT MASUCCI, P.E.  
P.E. NO.: 58107  
PALMER ENGINEERING COMPANY  
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976 Lake Baldwin Lane, Suite 203  
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STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
CR 67	LIBERTY	439371-1-52-01

**TTCP**  
**CROSS SECTIONS**

SHEET NO.  
36



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Wetland Line

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STA. 163+71.47

163+50.00



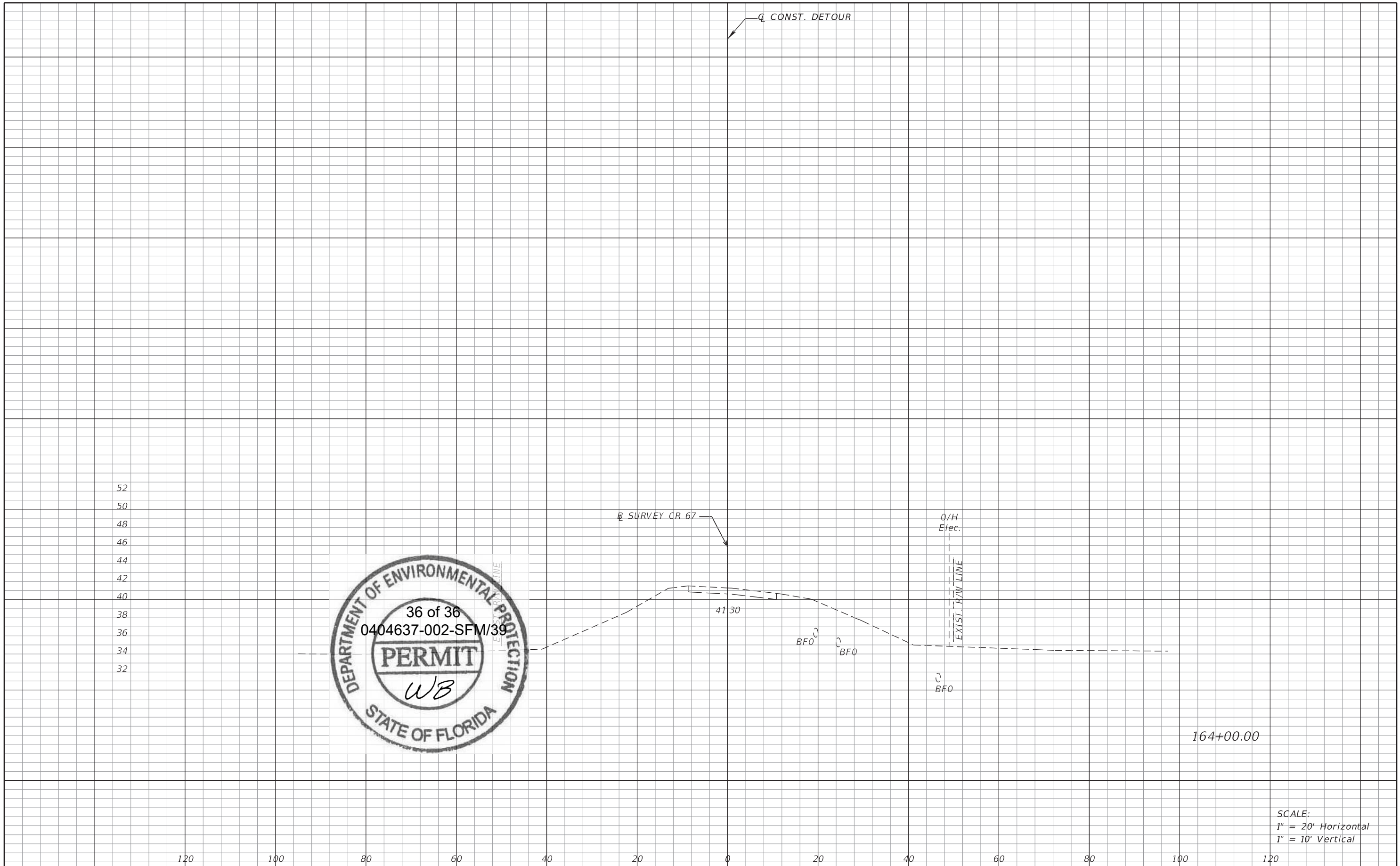
SCALE:  
1" = 20' Horizontal  
1" = 10' Vertical

REVISIONS				STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			TTCP CROSS SECTIONS	SHEET NO. 37
DATE	DESCRIPTION	DATE	DESCRIPTION	ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
				CR 67	LIBERTY	439371-1-52-01		

ROBERT MASUCCI, P.E.  
P.E. NO.: 58107  
PALMER ENGINEERING COMPANY  
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Orlando, FL 32814  
FBPE Certificate of Authorization: 7931

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FOR PERMITTING PURPOSES ONLY



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SCALE:  
1" = 20' Horizontal  
1" = 10' Vertical

REVISIONS				ROBERT MASUCCI, P.E. P.E. NO.: 58107 PALMER ENGINEERING COMPANY d/b/a PEC, Inc. 976 Lake Baldwin Lane, Suite 203 Orlando, FL 32814 FBPE Certificate of Authorization: 7931	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			TTCP CROSS SECTIONS	SHEET NO. 38
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
					CR 67	LIBERTY	439371-1-52-01		