FLORIDA DEPARTMENT OF
Environmental Protection

Bob Martinez Center
2600 Blair Stone Road
Tallahassee, FL 32399-2400

Ron DeSantis
Governor

Jeanette Nuñez
Lt. Governor

Shawn Hamilton
Secretary

April 13, 2023

Florida Department of Transportation, District 3
c/o Erica Brookman
1074 Highway 90
Chipley, FL 32428
Erica.Brookman@dot.state.fl.us

File No.: 19-0426910-001-SFG, Franklin County
File Name: SR 30 - Ochlockonee Bay Bridge

Dear Ms. Erica Brookman:

On September 27, 2022**,** 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 perform a resurfacing, rehabilitation, and restoration project along State Road (SR) 30/(US 98) that primarily consists of travel lanes, shoulders, and turnouts from west of SR 377/(US 319) to the Ochlockonee Bay Bridge (Bridge Number 490034) in Franklin County. The resurfacing limits include the three-leg intersection of SR 30 and SR 377. The western portion of the intersection will include a shoulder addition along the east side of the SR 377. Widening to reconstruct the westbound right turn lane at the Ochlocknee Bay Boat Ramp is also included in the design. The project also proposes guardrail replacement, drainage improvements, rip rap placement, and some areas of roadway and shoulder reconstruction. Drainage improvements include the replacement of mitered end sections throughout the project limits and a cross drain replacement on SR 30 near the western project terminus. Impacts to assumed waters include 0.0312 acres of permanent wetland impacts to depression marsh and wet flatwoods and 0.05 acres of temporary impacts {0.004 acres of other surface waters (OSW) impact to canal/ditch and 0.046 acres of wetland impacts to canal/ditch and depression marsh}. The U.S. Army Corps of Engineers has permitted 0.021 acres of permanent wetland impacts and 0.014 acres of temporary impacts to wetlands within this project authorized under file number SAJ-2022-01877(NW-VCB). The project is located along SR 30 from the intersection of SR 30 and SR 377 to Ochlockonee Bay, a Class III Florida Waterbody. Mitigation will be required to offset the functional loss associated with permanent impacts to 0.024 acres of depression marsh. Functional loss was evaluated using the Uniform Mitigation Assessment Method (UMAM). To offset a functional loss of 0.02 UMAM units, purchase of 0.02 UMAM palustrine emergent mitigation credits from the Northwest Florida Water Management District Tates Hell (Pine Log Creek Unit) In-Lieu Fee Program (SAJ-2011-00287) will be required as conditioned below. The activities authorized by this permit are located along SR 30 from the intersection of SR 30 and SR 377 to Ochlockonee Bay in St. Teresa, Florida, 32358, in Section 34, 35, 36, Township 6S, Range 3W; Section 13, 24, 25, 26, 27, 28, 29, 30, 31, Township 6S, Range 2W, Franklin County from Latitude 29°54'57.8"N, Longitude 84°31'22.7"W to Latitude 29°57'40.3"N, Longitude 84°23'04.6"W.

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 –PRIOR TO CONSTRUCTION

1. Prior to the start of construction, the Permittee shall provide the Department proof of purchase of 0.02 UMAM palustrine emergent mitigation credits from Northwest Florida Water Management District Tates Hell (Pine Log Creek Unit) In-Lieu Fee Program (SAJ-2011-00287) under the name of Florida Department of Transportation, with reference to FDEP State 404 permit number 0426910-001-SFG. The Permittee shall provide proof of credit deduction from the federal mitigation bank ledger prior to construction commencement.

2. Prior to any construction or impacts authorized by this permit, the Permittee shall provide documentation of the permittee's real property interest over the land upon which the activities subject authorized by this permit will be conducted. The required submittal shall be provided to the Department in a digital format (via electronic mail, CD or DVD, or through file transfer site) when practicable. Interests in real property are defined in Section 4.2.3(d) of Applicant's Handbook Volume I.

3. The reporting address for any submittals required herein for compliance or as a requirement of the 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 19-0426910-001-SFG. Email submittals shall be sent to 404_DOT@FloridaDEP.gov with a subject line of "Compliance: permit number 19-0426910-001-SFG" or by mail to:

   Department of Environmental Protection
   ATTN: Lindsay Furr (State 404 Program)
   2600 Blair Stone Rd MS 2500
   Tallahassee, FL 32399

4. Prior to commencement of work authorized by this permit, the permittee shall provide written notification of the date of the commencement and proposed schedule of construction by email to 404_DOT@FloridaDEP.gov or by mail.

5. Prior to construction, the limits of impact shall be clearly marked in a way which is visible and obvious to anyone performing work on-site, including someone operating heavy equipment. Orange construction fencing or tall flagged stakes along the construction limits are possible methods.

6. Prior to initiation of any work authorized by this permit, all wetlands, surface waters, and storm drains, outside the specific limits of construction authorized by this permit shall be protected from erosion, siltation, sedimentation, and/or scouring, including the placement of staked erosion control devices around the project area and staging area(s) that are located outside of any authorized impact areas.

7. Best management practices for erosion control shall be implemented prior to construction commencement and shall be maintained at all times during construction to prevent siltation and turbid discharges in excess of State water quality standards pursuant to Rule 62-302, F.A.C. Methods shall include, but are not limited to the use of staked hay bales, staked filter cloth, sodding, seeding, staged construction and the installation of turbidity screens around the immediate project site.

SPECIFIC CONDITIONS – CONSTRUCTION ACTIVITIES

8. The limits of construction shall be delineated by silt fencing. The permittee shall bear the responsibility of notifying all construction workers that silt fencing or turbidity barrier represents the limits of all construction activities. The permittee shall bear the responsibility of keeping all construction workers and equipment out of the adjacent wetlands and surface waters where work has not been permitted for impacts.

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

10. This permit authorizes permanent impacts to the wetland fill area shown in the enclosures and exhibits. No other areas are authorized to be impacted, which includes but is not limited to clearing with the use of heavy equipment, filling, or excavation.

11. The permittee shall report any damage to the Department within 24 hours that occurs to the wetlands not authorized for impacts under this permit. If any damage occurs to wetlands or surface waters because of any construction activities, the permittee shall be required to restore the wetland area by regrading the damaged areas back to the natural preconstruction elevations and planting vegetation of the size, densities, and species that exist in the adjacent areas pursuant to a consent order. The restoration shall be completed within 30 days of completion of the construction and shall be done to the satisfaction of the Department.

12. There shall not be any excess lumber, scrap wood, trash, garbage, etc. within wetlands or waters of the State.

13. Construction equipment shall not be repaired or refueled in wetlands or elsewhere within waters of the State.

14. Any fill material used shall be clean fill and free of vegetative matter, trash, garbage, toxic or hazardous waste or any other materials the Department considers unsuitable.

15. The fill and associated side slopes that will be placed on the property shall be stabilized with sod immediately (within 48 hours) following completion of the placement and compaction of the fill material.

SPECIFIC CONDITION -- LISTED SPECIES

16. The Permittee shall report any injured, sick, or dead federally or state listed species discovered onsite to the Florida Fish and Wildlife Conservation Commission Wildlife Alert number at 888-404-FWCC (3922).

17. 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 permittee 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, Florida Fish and Wildlife Conservation Commission (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 ConservationPlanningServices@MyFWC.com.

18. If new information (e.g., listing of new species, new critical habitat, etc.) shows that the magnitude of impacts to federally listed species has the potential for adverse effects, the U.S. Fish and Wildlife Service (USFWS) will notify the Department. The Department will initiate coordination with the permittee and with the USFWS to determine what adverse impacts are likely and if additional minimization measures, reporting, or monitoring are required in order to be consistent with the Endangered Species Act, as deemed necessary by USFWS.

SPECIFIC CONDITIONS – POST-CONSTRUCTION ACTIVITIES

19. Upon final completion of the project and upon reasonable assurance that the project is no longer a potential turbidity source, the permittee will be responsible for the removal of the temporary best management practices and turbidity control devices. All turbidity control devices shall be disposed of in an upland disposal area.

20. 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.

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. 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, 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.

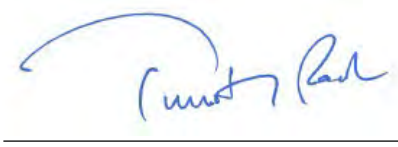
Judicial Review

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.

EXECUTION AND CLERKING

Executed in Tallahassee**,** Florida.

STATE OF FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION



Timothy Rach
Program Administrator
Submerged Lands & Environmental Resources Coordination
Division of Water Resource Management

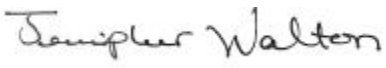
Enclosures:
General Permit for General Permit for Linear Transportation Projects, Ch. 62-331.217, F.A.C.
General Conditions for General Permits, Ch. 62-331.201, F.A.C.
General Conditions for All General Permits, Ch. 62-330.405, F.A.C.
NWFWMD Tates Hell (Pine Log Creek Unit) In-Lieu Fee Mitigation Credit Reservation Letter
Project drawings, 145 pages
Certification of Compliance with State 404 Program General Permit, form 62-331.200(1)

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:

Copies furnished to:
Christin Gorman, Environmental and Geotechnical Specialists, Christin.Gorman@egs-us.com
U.S. Environmental Protection Agency, State404FinalPermits-Florida@epa.gov

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.



April 13, 2023

Clerk **Date**

General Permit for Linear Transportation Projects –Rule 62-331.217, F.A.C.

(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.

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 12-22-20.

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.

62-330.405 General Conditions for All General Permits.

The following general permit conditions are binding upon the permittee and are enforceable under chapter 373, F.S. These conditions do not apply to the general permit for stormwater management systems under section 403.814(12), F.S

(1) The general permit is valid only for the specific activity indicated. Any deviation from the specified activity and the conditions for undertaking that activity shall constitute a violation of the permit and may subject the permittee to enforcement action and revocation of the permit under chapter 373, F.S

(2) The general permit does not eliminate the necessity to obtain any required federal, state, local and special district authorizations prior to the start of any construction, alteration, operation, maintenance, removal or abandonment authorized by this permit; and it does not authorize any violation of any other applicable federal, state, local, or special district laws (including, but not limited to, those governing the "take" of listed species).

(3) The general permit does not convey to the permittee or create in the permittee any property right, or any interest in real property, nor does it authorize any entrance upon or activities on property which is not owned or controlled by the permittee, or convey any rights or privileges other than those specified in the general permit.

(4) The general permit does not relieve the permittee from liability and penalties when the permitted activity causes harm or injury to: human health or welfare; animal, plant or aquatic life; or property. It does not allow the permittee to cause pollution that violates state water quality standards.

(5) Section 253.77, F.S., provides that a person may not commence any excavation, construction, or other activity involving the use of state-owned or other lands of the state, the title to which is vested in the Board of Trustees of the Internal Improvement Trust Fund without obtaining the required consent, lease, easement, or other form of authorization authorizing the proposed use. Therefore, the permittee is responsible for obtaining any necessary authorizations from the Board of Trustees prior to commencing activity on state-owned lands.

(6) The authorization to conduct activities under a general permit may be modified, suspended or revoked in accordance with chapter 120, F.S., and section 373.429, F.S.

(7) Not applicable.

(8) Upon reasonable notice to the permittee, Agency staff with proper identification shall have permission to enter, inspect, sample and test the permitted system to ensure conformity with the plans and specifications approved by the general permit.

(9) The permittee shall maintain any permitted project or activity in accordance with the plans submitted to the Agency and authorized in the general permit.

(10) Not applicable.

(11) Activities shall be conducted in a manner that does not cause or contribute to violations of

state water quality standards. Performance-based erosion and sediment control best management practices shall be implemented and maintained immediately prior to, during, and after construction as needed to stabilize all disturbed areas, including other measures specified in the permit to prevent adverse impacts to the water resources and adjacent lands. Erosion and sediment control measures shall be installed and maintained in accordance with the *State of Florida Erosion and Sediment Control Designer and Reviewer Manual (Florida Department of Environmental Protection and Florida Department of Transportation, June 2007)*, available at https://www.flrules.org/Gateway/reference.asp?No=Ref-04227, and the *Florida Stormwater Erosion and Sedimentation Control Inspector's Manual (Florida Department of Environmental Protection, Nonpoint Source Management Section, Tallahassee, Florida, July 2008)*, available at http://publicfiles.dep.state.fl.us/DEAR/Stormwater_Training_Docs/erosion-inspectors-manual.pdf.

(12) Unless otherwise specified in the general permit, temporary vehicular access within wetlands during construction shall be performed using vehicles generating minimum ground pressure to minimize rutting and other environmental impacts. Within forested wetlands, the permittee shall choose alignments that minimize the destruction of mature wetland trees to the greatest extent practicable. When needed to prevent rutting or soil compaction, access vehicles shall be operated on wooden, composite, metal, or other non-earthen construction mats. In all cases, access in wetlands shall comply with the following:

(a) Access within forested wetlands shall not include the cutting or clearing of any native wetland tree having a diameter four inches or greater at breast height;

(b) The maximum width of the construction access area shall be limited to 15 feet;

(c) All mats shall be removed as soon as practicable after equipment has completed passage through, or work has been completed, at any location along the alignment of the project, but in no case longer than seven days after equipment has completed work or passage through that location; and

(d) Areas disturbed for access shall be restored to natural grades immediately after the maintenance or repair is completed.

(13) Barges or other work vessels used to conduct in-water activities shall be operated in a manner that prevents unauthorized dredging, water quality violations, and damage to submerged aquatic communities.

(14) The construction, alteration, or use of the authorized project shall not adversely impede navigation or create a navigational hazard in the water body.

(15) Except where specifically authorized in the general permit, activities must not:

(a) Impound or obstruct existing water flow, cause adverse impacts to existing surface water storage and conveyance capabilities, or otherwise cause adverse water quantity or flooding impacts to receiving water and adjacent lands; or

(b) Cause an adverse impact to the maintenance of surface or ground water levels or surface water flows established pursuant to section 373.042, F.S., or a Works of the District established pursuant

to section 373.086, F.S.

(16) If prehistoric or historic artifacts, such as pottery or ceramics, projectile points, stone tools, dugout canoes, metal implements, historic building materials, or any other physical remains that could be associated with Native American, early European, or American settlement are encountered at any time within the project site area, the permitted project shall cease all activities involving subsurface disturbance in the vicinity of the discovery. The permittee or other designee shall contact the Florida Department of State, Division of Historical Resources, Compliance Review Section (DHR), at (850)245-6333, as well as the appropriate permitting agency office. Project activities shall not resume without verbal or written authorization from the Division of Historical Resources. If unmarked human remains are encountered, all work shall stop immediately and the proper authorities notified in accordance with section 872.05, F.S.

(17) The activity must be capable, based on generally accepted engineering and scientific principles, of being performed and of functioning as proposed, and must comply with any applicable District special basin and geographic area criteria.

(18) The permittee shall comply with the following when performing work within waters accessible to federally- or state-listed aquatic species, such as manatees, marine turtles, smalltooth sawfish, and Gulf sturgeon:

(a) All vessels associated with the project shall operate at “Idle Speed/No Wake” at all times while in the work area and where the draft of the vessels provides less than a four-foot clearance from the bottom. All vessels will follow routes of deep water whenever possible.

(b) All deployed siltation or turbidity barriers shall be properly secured, monitored, and maintained to prevent entanglement or entrapment of listed species.

(c) All in-water activities, including vessel operation, must be shut down if a listed species comes within 50 feet of the work area. Activities shall not resume until the animal(s) has moved beyond a 50-foot radius of the in-water work, or until 30 minutes elapses since the last sighting within 50 feet. Animals must not be herded away or harassed into leaving. All onsite project personnel are responsible for observing water-related activities for the presence of listed species.

(d) Any listed species that is killed or injured by work associated with activities performed shall be reported immediately to the Florida Fish and Wildlife Conservation Commission (FWC) Hotline at 1(888)404-3922 and ImperiledSpecies@myFWC.com.

(e) Whenever there is a spill or frac-out of drilling fluid into waters accessible to the above species during a directional drilling operation, the FWC shall be notified at ImperiledSpecies@myfwc.com with details of the event within 24 hours following detection of the spill or frac-out.

(19) The permittee shall hold and save the Agency harmless from any and all damages, claims, or liabilities which may arise by reason of the construction, alteration, operation, maintenance, removal, abandonment or use of any activity authorized by the general permit.

(20) The permittee shall immediately notify the Agency in writing of any submitted information that is discovered to be inaccurate.

Rulemaking Authority 373.026(7), 373.043, 373.118(1), 373.406(5), 373.4131, 373.414(9), 373.4145, 373.418, 403.805(1) FS. Law Implemented 373.044, 373.118(1), 373.129, 373.136, 373.406(5), 373.413, 373.4131, 373.414(9), 373.4145, 373.416, 373.422, 373.423, 373.429, 403.814(1) FS. History–New 10-3-95, Amended 10-1-07, Formerly 62-341.215, Amended 10-1-13, 6-1-18.

From:	Brookman, Erica
To:	Furr, Lindsay
Cc:	Christin Gorman; Nelson, Natalie
Subject:	Fwd: Reservation of Palustrine Emergent Credit for FPID 445759-1 (US 98 from US 319 east to Ochlockonee Bay Bridge) at NWFWMD Tates Hell (Pine Log Creek Unit) In-Lieu Fee Project
Date:	Monday, April 10, 2023 9:39:26 AM

EXTERNAL MESSAGE
This email originated outside of DEP. Please use caution when opening attachments, clicking links, or responding to this email.

Lindsay,
Here is the credit reservation for the 0426910-001-SFG application. Let me know if you need any additional information. Thank you.

Erica Collins Brookman
District Environmental Permits Coordinator
Florida Department of Transportation – District 3 Environmental Management Office
1074 Highway 90, PO Box 607, Chipley, FL 32428-3162
Erica.Brookman@dot.state.fl.us 850-330-1506

From: Robert Lide <Robert.Lide@nwfwater.com>
Sent: Monday, April 10, 2023 7:41:17 AM
To: Brookman, Erica <Erica.Brookman@dot.state.fl.us>
Subject: Reservation of Palustrine Emergent Credit for FPID 445759-1 (US 98 from US 319 east to Ochlockonee Bay Bridge) at NWFWMD Tates Hell (Pine Log Creek Unit) In-Lieu Fee Project

EXTERNAL SENDER: Use caution with links and attachments.

The NWFWMD Tates Hell (Pine Log Creek Unit) In-Lieu Fee Project has current balance of 8.12 Palustrine Emergent credits (UMAM).

This email confirms that 0.02 Palustrine Emergent credits are reserved for use by FDOT for FPID 445759-1 (US 98 from US 319 east to Ochlockonee Bay Bridge).

Prior to credits being provided, environmental permits shall be issued to FDOT that specify mitigation at the Tates Hell (Pine Log Creek Unit), a 2023 Regional Mitigation Plan Update, Supplemental No. 1 shall be approved by the NWFWMD and FDEP, a Credit Purchase agreement shall be signed between FDOT and the NWFWMD, and mitigation funds (the amount to be determined in accordance with section 373.4137, FS) shall be received.

Please contact me with any questions concerning this credit reservation.

Sincerely,

Robert F. Lide
Environmental Scientist III

Northwest Florida Water Management District
81 Water Management Drive
Havana, FL 32333-4712

COMPONENTS OF CONTRACT PLANS SET

ROADWAY PLANS
SIGNING AND PAVEMENT MARKING PLANS

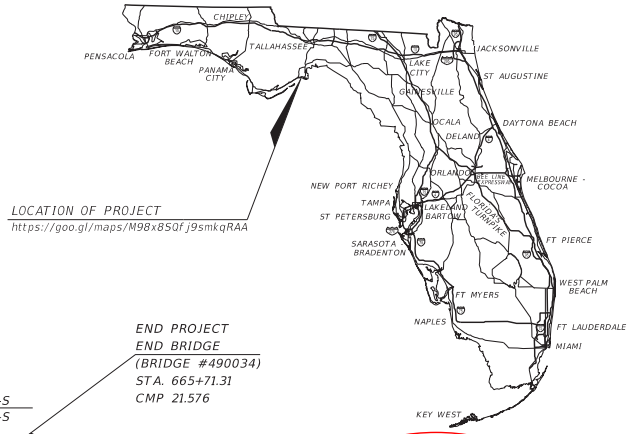
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION
CONTRACT PLANS

FINANCIAL PROJECT ID 445759-1-52-01
&
FINANCIAL PROJECT ID 445759-1-52-02
(FEDERAL FUNDS)

FRANKLIN COUNTY (49040000 & 49040001)

STATE ROAD NO. 30

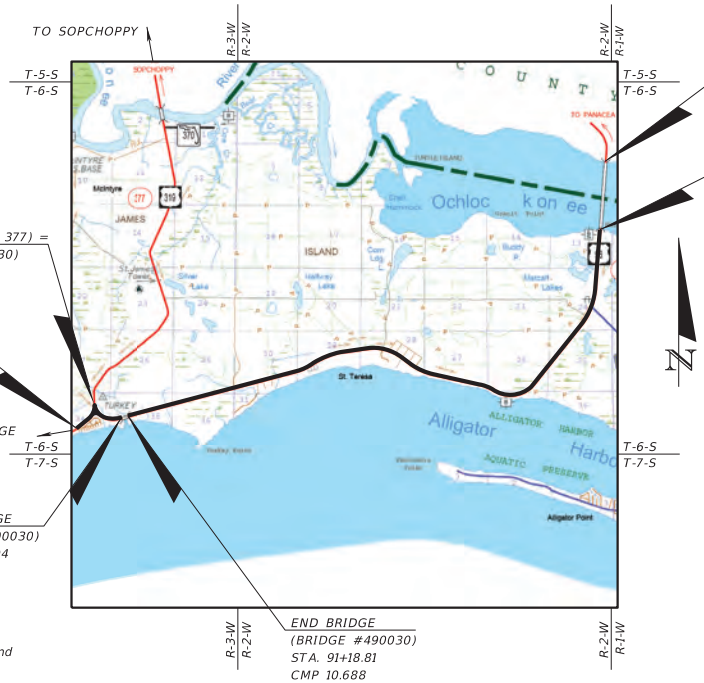
SR 30 (US 98) FROM WEST OF SR 377 (US 319) TO OCHLOCKONEE BAY BRIDGE



LOCATION OF PROJECT
https://goo.gl/maps/M98x8SQfj9smkqRAA

INDEX OF ROADWAY PLANS

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1	KEY SHEET
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7 - 10	TYPICAL SECTION DETAILS
11	OPTIONAL MATERIALS TABULATION
12 - 16	PROJECT LAYOUT
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32 - 69	ROADWAY PLAN
70 - 73	DRIVEWAY PROFILES
74	DRAINAGE STRUCTURES
75 - 76	SPECIAL DETAILS
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82	GEOSYNTHETIC REINFORCEMENT DETAIL
83	ROADWAY SOIL SURVEY
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DEPARTMENT OF ENVIRONMENTAL PROTECTION - STATE OF FLORIDA -

Permit Number

19-0426910-001-SFG

Water Resource Management

GOVERNING STANDARD PLANS:

Florida Department of Transportation, FY2022-23 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

APPLICABLE IRs: NONE

GOVERNING STANDARD SPECIFICATIONS:

Florida Department of Transportation, July 2022 Standard Specifications for Road and Bridge Construction at the following website:
http://www.fdot.gov/programmanagement/Implemented/SpecBooks

ROADWAY PLANS
ENGINEER OF RECORD:

HEATHER W. REMICK, P.E.
P.E. LICENSE NUMBER 80458
GORTEMOLLER ENGINEERING, INC.
708 THOMAS DRIVE
PANAMA CITY BEACH, FL 32408
CONTRACT NO.: CAC95
VENDOR NO.: 30-0133572
850-249-2425

FDOT PROJECT MANAGER:

MICHAEL LAYNE, P.E.
(MOFFATT & NICHOL)
850-845-0309

CONSTRUCTION CONTRACT NO.	FISCAL YEAR	SHEET NO.
T3831	23	1

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

3/6/2023 3:04:11 PM abui
G:\Bentley\FDOTWorksets\FDOT\445759152O1\Roadway\PlanSheets\KEYSR001.dgn

HEATHER W. REMICK
LICENSE
No 80458
STATE OF FLORIDA
PROFESSIONAL ENGINEER

THIS ITEM HAS BEEN DIGITALLY SIGNED AND SEALED BY

Heather W Remick

2023.03.07 09:43:27 -06'00'

ON THE DATE ADJACENT TO THE SEAL

PRINTED COPIES OF THIS DOCUMENT ARE NOT CONSIDERED SIGNED AND SEALED AND THE SIGNATURE MUST BE VERIFIED ON ANY ELECTRONIC COPIES.

GORTEMOLLER ENGINEERING, INC.
708 THOMAS DRIVE
PANAMA CITY BEACH, FLORIDA 32408
HEATHER W. REMICK, P.E. NO. 80458

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 - 6	TYPICAL SECTIONS
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95 - 135	CROSS SECTIONS
136 - 137	STORMWATER POLLUTION PREVENTION PLAN
138	WETLAND & OTHER SURFACE WATERS IMPACTS TABLE

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

BIM FILES IDENTIFIED AS PLANS TO SUPPORT EARTHWORK

FILE NAME	FILE DESCRIPTION	SHA256 Encryption Code
44575915201\Drainage\DRPRRD01.dgn	Drainage Structures - Proposed	42A385EAC89FE363E5D0CB3C82D8F3983631E6F4D6BA7AC7AD861FFF4454653E
44575915201\Drainage\DRPRRD04.dgn	Drainage Structures - Proposed	1ECE567B01C0BCA5F0A65F1E67FE6504FCE03E8727076208F7FD575B800D2933F
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https://emn178.github.io/online-tools/sha256_checksum.html

CRAIG E. DUNKELBERGER
LICENSE
No 49932
STATE OF FLORIDA
PROFESSIONAL ENGINEER

THIS ITEM HAS BEEN DIGITALLY SIGNED AND SEALED BY

Craig E Dunkelberger

Digitally signed by Craig E Dunkelberger
Date: 2023.03.06 17:01:34 -05'00'

ON THE DATE ADJACENT TO THE SEAL

PRINTED COPIES OF THIS DOCUMENT ARE NOT CONSIDERED SIGNED AND SEALED AND THE SIGNATURE MUST BE VERIFIED ON ANY ELECTRONIC COPIES.

ENVIRONMENTAL & GEOTECHNICAL SPECIALISTS, INC.
3676 HARTSFIELD ROAD
TALLAHASSEE, FLORIDA 32303
CRAIG E. DUNKELBERGER, P.E. NO. 49932

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
82	GEOSYNTHETIC REINFORCEMENT DETAIL
83	ROADWAY SOIL SURVEY
84 - 94	REPORT OF SOIL BORINGS

DEPARTMENT OF ENVIRONMENTAL PROTECTION - STATE OF FLORIDA

Permit Number

19-0426910-001-SFG

Water Resource Management

TRAVIS S. HOWELL
LICENSE
No 58642
STATE OF FLORIDA
PROFESSIONAL ENGINEER

THIS ITEM HAS BEEN DIGITALLY SIGNED AND SEALED BY

Digitally signed by Travis Howell
Date: 2023.03.06 15:45:16 -06'00'

ON THE DATE ADJACENT TO THE SEAL

PRINTED COPIES OF THIS DOCUMENT ARE NOT CONSIDERED SIGNED AND SEALED AND THE SIGNATURE MUST BE VERIFIED ON ANY ELECTRONIC COPIES.

ALDAY-HOWELL ENGINEERING, INC.
3017 HIGHWAY 71 NORTH
MARIANNA, FLORIDA 32446
TRAVIS S. HOWELL, P.E. NO. 58642

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
139 - 140	TEMPORARY TRAFFIC CONTROL NOTES
141 - 144	TEMPORARY TRAFFIC CONTROL PLAN

JEREMIAH SLAYMAKER
License Number
6387
STATE OF FLORIDA
Professional Surveyor and Mapper

THIS ITEM HAS BEEN DIGITALLY SIGNED AND SEALED BY

Jeremiah Slaymaker

Digitally signed by Jeremiah Slaymaker
Date: 2023.03.07 10:06:02 -05'00'

ON THE DATE ADJACENT TO THE SEAL

PRINTED COPIES OF THIS DOCUMENT ARE NOT CONSIDERED SIGNED AND SEALED AND THE SIGNATURE MUST BE VERIFIED ON ANY ELECTRONIC COPIES.

WGI, INC.
2316 KILLEARN CENTER BLVD.,
BUILDING C, SUITE 100
TALLAHASSEE, FLORIDA 32309
CERTIFICATE OF AUTHORIZATION: 7055
JEREMIAH SLAYMAKER, P.S.M. NO. 6387

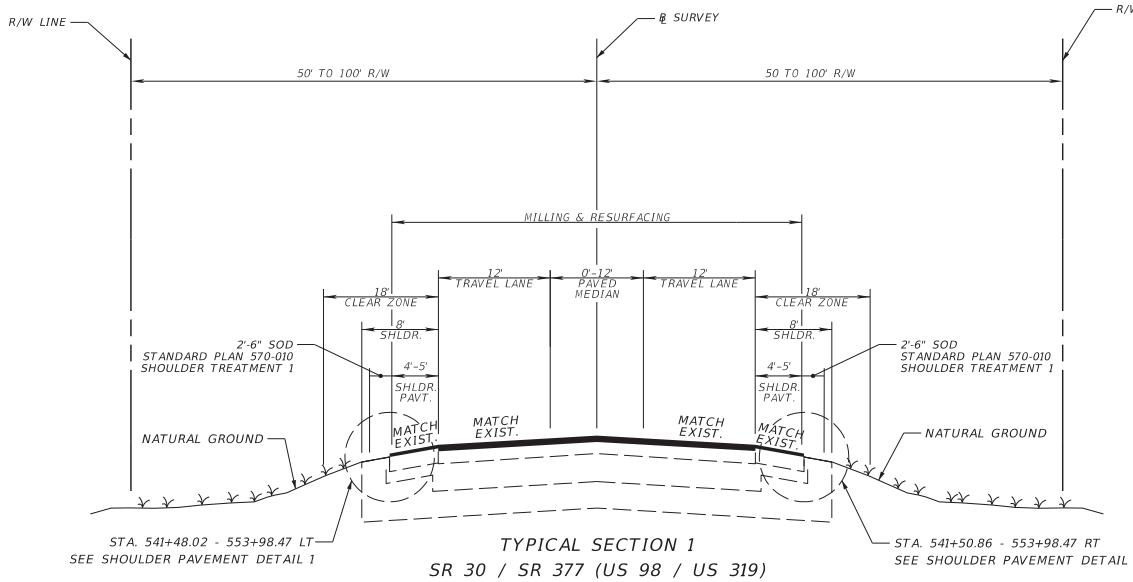
THE ABOVE NAMED SURVEYOR SHALL BE RESPONSIBLE FOR THE FOLLOWING SHEETS IN ACCORDANCE WITH RULE 5J-17.062, F.A.C.

SHEET NO.	SHEET DESCRIPTION
2	SIGNATURE SHEET
145	SUMMARY OF VERIFIED UTILITIES

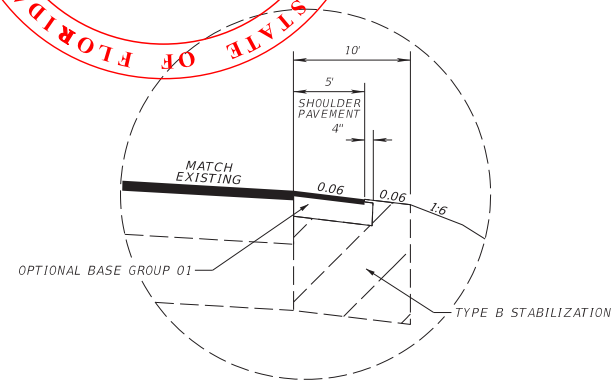
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REVISIONS				ENGINEER OF RECORD	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SIGNATURE SHEET	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	HEATHER W. REMICK, P.E. LICENSE NUMBER 80458 GORTEMOLLER ENGINEERING, INC. 708 THOMAS DRIVE PANAMA CITY BEACH, FL 32408	ROAD NO.	COUNTY	FINANCIAL PROJECT ID		2
					SR 30	FRANKLIN	445759-1-52-01		

DEPARTMENT OF ENVIRONMENTAL PROTECTION - STATE OF FLORIDA -
Permit Number
19-0426910-001-SFG
Water Resource Management



TYPICAL SECTION 1
SR 30 / SR 377 (US 98 / US 319)
STA. 540+81.35 TO STA. 552+25.64
SR 377 (US 319)
STA. 552+25.64 TO STA. 553+98.47
SR 30 (US 98)
STA. 70+52.00 TO STA. 85+15.00



*SHOULDER CONSTRUCTION DETAIL
SR 30 / SR 377 (US 98 / US 319)
STA. 540+81.35 TO STA. 541+48.02 LT
STA. 540+81.35 TO STA. 541+50.86 RT
*MIRROR FOR LT SIDE

NOTES

1. STATIC COMPACTION ONLY
2. SMOOTHNESS CLASS 3

TRAFFIC DATA
SR 30 / SR 377 (US 98 / US 319)
STA. 540+81.35 TO STA. 552+25.64
SR 377 (US 319)
STA. 552+25.64 TO STA. 553+98.47

CURRENT YEAR = 2018 AADT = 3463
ESTIMATED OPENING YEAR = 2024 AADT = 3700
ESTIMATED DESIGN YEAR = 2044 AADT = 4400
K = 9.5% D = 59.4% T = 10.40% (24 HOUR)
DESIGN HOUR T = 5.2%
DESIGN SPEED = 55 MPH
POSTED SPEED = 55 MPH
CONTEXT CLASSIFICATION = C3R

TRAVEL LANES & PAVED MEDIAN

MILL EXISTING ASPHALT PAVEMENT (3" DEPTH)
TYPE SP STRUCTURAL COURSE PG 76-22 (TRAFFIC B) (1.5")
FRICTION COURSE TRAFFIC B FC-9.5 (1.5") (PG 76-22)

SHOULDER PAVEMENT & TURNOUT MILLING & RESURFACING

MILL EXISTING ASPHALT PAVEMENT (1.5" DEPTH)
FRICTION COURSE TRAFFIC B FC-9.5 (1.5") (PG 76-22)

TURNOUT CONSTRUCTION

TYPE B STABILIZATION (12") & OPTIONAL BASE GROUP 04
TYPE SP STRUCTURAL COURSE (TRAFFIC B) (1")
FRICTION COURSE TRAFFIC B FC-9.5 (1.5") (PG 76-22)

SHOULDER CONSTRUCTION
SR 30 / SR 377 (US 98 / US 319)
STA. 540+81.35 TO STA. 541+48.02 LT
STA. 540+81.35 TO STA. 541+50.86 RT

TYPE B STABILIZATION (12") & OPTIONAL BASE GROUP 01
TYPE SP STRUCTURAL COURSE PG 76-22 (TRAFFIC B) (1")
FRICTION COURSE TRAFFIC B FC-9.5 (1.5") (PG 76-22)

TRAFFIC DATA
SR 30 (US 98)
STA. 70+52.00 TO STA. 85+15.00

CURRENT YEAR = 2018 AADT = 1250
ESTIMATED OPENING YEAR = 2024 AADT = 1300
ESTIMATED DESIGN YEAR = 2044 AADT = 1600
K = 9.5% D = 59.4% T = 10.40% (24 HOUR)
DESIGN HOUR T = 5.2%
DESIGN SPEED = 55 MPH
POSTED SPEED = 55 MPH
CONTEXT CLASSIFICATION = C3R

REVISIONS				ENGINEER OF RECORD	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			TYPICAL SECTIONS	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	HEATHER W. REMICK, P.E. LICENSE NUMBER 80458 GORTEMOLLER ENGINEERING, INC. 708 THOMAS DRIVE PANAMA CITY BEACH, FL 32408	ROAD NO.	COUNTY	FINANCIAL PROJECT ID		3
					SR 30	FRANKLIN	445759-1-52-01		

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ROADWAY RECONSTRUCTION
(TRAVEL LANES & SHOULDER)
SR 30 (US 98)
STA. 180+27.58 TO STA. 181+91.89
(SEE GEOSYNETHIC REINFORCEMENT DETAIL)

WOVEN GEOTEXTILE (R-5 STRUCTURAL GEOSYNTHETIC, SPEC. 985)
OPTIONAL BASE GROUP 11 (GAB ONLY) (12")*
BIAXIAL EXTRUDED GEOGRID (R-5 STRUCTURAL GEOSYNTHETIC, SPEC. 985)
OPTIONAL BASE GROUP 11 (GAB ONLY) (12")*
TYPE SP STRUCTURAL COURSE PG 76-22 (TRAFFIC B) (2.5")
FRICTION COURSE TRAFFIC B FC-9.5 (1.5") (PG 76-22)
*SEE NOTES

ROADWAY RECONSTRUCTION
(TRAVEL LANE & SHOULDER)
SR 30 / SR 377 (US 98 / US 319)
STA. 544+39.85 TO STA. 544+82.55
SR 30 (US 98)
& STA. 566+66.33 TO STA. 569+94.06

TYPE B STABILIZATION (12") & OPTIONAL BASE GROUP 06
TYPE SP STRUCTURAL COURSE PG 76-22 (TRAFFIC B) (2.5")
FRICTION COURSE TRAFFIC B FC-9.5 (1.5") (PG 76-22)

TURNOUT CONSTRUCTION

TYPE B STABILIZATION (12") & OPTIONAL BASE GROUP 04
TYPE SP STRUCTURAL COURSE (TRAFFIC B) (1")
FRICTION COURSE TRAFFIC B FC-9.5 (1.5") (PG 76-22)

APPROACH SLAB
SR 30 (US 98)
STA. 90+38.02 - STA. 90+56.94
STA. 91+18.81 - STA. 91+37.62
STA. 606+97.13 - STA. 607+17.83

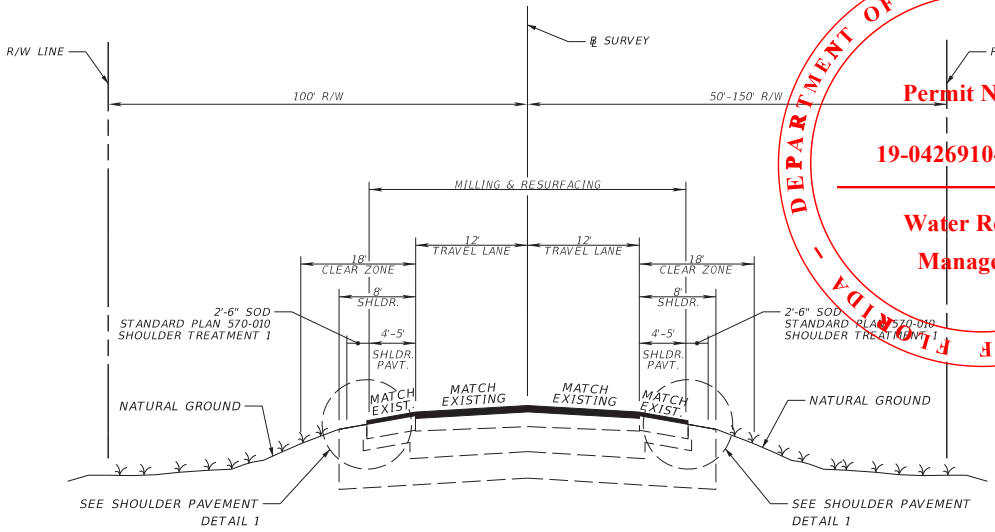
MILL EXISTING ASPHALT PAVEMENT (1.5" DEPTH)
FRICTION COURSE TRAFFIC B FC-9.5 (1.5") (PG 76-22)

UNPAVED SHOULDER STABILIZATION
SR 30 (US 98)
STA. 367+33.09 - STA. 370+37.78 RT
STA. 394+78.65 - STA. 397+15.65 RT
STA. 416+78.20 - STA. 417+58.92 RT
STA. 417+81.64 - STA. 418+81.00 RT
STA. 419+02.97 - STA. 419+58.21 RT

D5 MATERIAL SEPARATOR
OPTIONAL BASE GROUP 04
(BAHAMA LIMEROCK, GAB, OR RECYCLED CONCRETE) (6")

RIGHT TURN LANE WIDENING
SR 30 (US 98)
STA. 601+78.20 TO STA. 604+01.31
(SEE TYPICAL SECTION DETAILS)

TYPE B STABILIZATION (12") & OPTIONAL BASE GROUP 06
TYPE SP STRUCTURAL COURSE PG 76-22 (TRAFFIC B) (1.5")
FRICTION COURSE TRAFFIC B FC-9.5 (1.5") (PG 76-22)



TYPICAL SECTION 2
CONNECTOR ROAD
STA. 31+66.21 TO STA. 36+27.78
SR 30 (US 98)
STA. 60+37.18 TO STA. 70+52.00
STA. 85+15.00 TO STA. 90+56.94
STA. 91+18.81 TO STA. 607+17.83

TRAVEL LANES & TURN LANES

MILL EXISTING ASPHALT PAVEMENT (3" DEPTH)
TYPE SP STRUCTURAL COURSE PG 76-22 (TRAFFIC B) (1.5")
FRICTION COURSE TRAFFIC B FC-9.5 (1.5") (PG 76-22)

SHOULDER PAVEMENT & TURNOUT MILLING & RESURFACING

MILL EXISTING ASPHALT PAVEMENT (1.5" DEPTH)
FRICTION COURSE TRAFFIC B FC-9.5 (1.5") (PG 76-22)

NOTES

1. STATIC COMPACTION ONLY
2. OPTIONAL BASE GROUP 11 (GAB ONLY) IS PROJECT SPECIFIC PAY ITEM 0285-756.
3. ARTICULATED CONCRETE BLOCK MATTRESS LIMITS
   -STA. 404+00 TO STA. 420+00
   -STA. 427+00 TO STA. 433+00
4. SMOOTHNESS CLASS 3

TRAFFIC DATA
CONNECTOR ROAD
STA. 31+66.21 TO STA. 36+27.78
SR 30 (US 98)
STA. 60+37.18 TO STA. 540+43.60

CURRENT YEAR = 2018 AADT = 1250
ESTIMATED OPENING YEAR = 2024 AADT = 1300
ESTIMATED DESIGN YEAR = 2044 AADT = 1600
K = 9.5% D = 59.4% T = 10.40% (24 HOUR)
DESIGN HOUR T = 5.2%
DESIGN SPEED = 55 MPH (STA. 32+80.85 TO STA. 36+27.78 & STA. 65+00.29 TO STA. 90+56.94)
DESIGN SPEED = 60 MPH (STA. 90+56.94 TO STA. 540+43.60)
POSTED SPEED = 55 MPH
CONTEXT CLASSIFICATION = C3R & C2

TRAFFIC DATA
SR 30 (US 98)
STA. 540+43.60 TO STA. 607+17.83

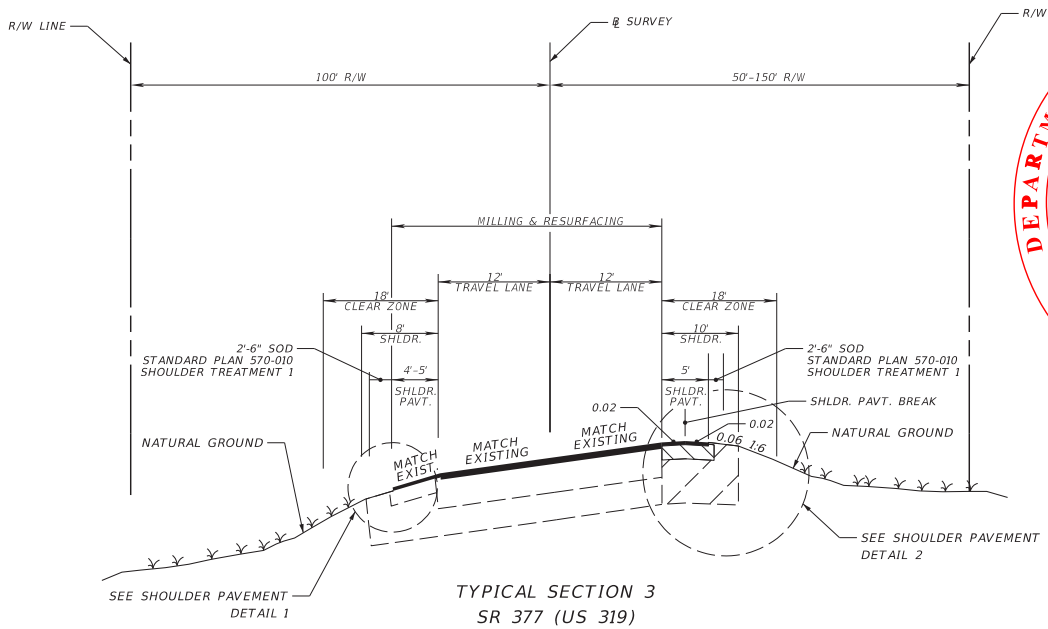
CURRENT YEAR = 2018 AADT = 1900
ESTIMATED OPENING YEAR = 2024 AADT = 2000
ESTIMATED DESIGN YEAR = 2044 AADT = 2400
K = 9.5% D = 59.4% T = 10.40% (24 HOUR)
DESIGN HOUR T = 5.2%
DESIGN SPEED = 60 MPH
POSTED SPEED = 45 MPH (STA. 593+02.79 TO STA. 607+17.83)
POSTED SPEED = 55 MPH (STA. 540+43.60 TO STA. 593+02.79)
CONTEXT CLASSIFICATION = C2

DEPARTMENT OF ENVIRONMENTAL PROTECTION - STATE OF FLORIDA -
Permit Number
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Water Resource Management

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REVISIONS				ENGINEER OF RECORD	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			TYPICAL SECTIONS	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	HEATHER W. REMICK, P.E. LICENSE NUMBER 80458 GORTEMOLLER ENGINEERING, INC. 708 THOMAS DRIVE PANAMA CITY BEACH, FL 32408	ROAD NO.	COUNTY	FINANCIAL PROJECT ID		4
					SR 30	FRANKLIN	445759-1-52-01		



TYPICAL SECTION 3
SR 377 (US 319)
STA. 553+98.47 TO STA. 557+26.14

TRAVEL LANES
SR 377 (US 319)
STA. 553+98.47 TO STA. 557+22.40

MILL EXISTING ASPHALT PAVEMENT (3" DEPTH)
TYPE SP STRUCTURAL COURSE PG 76-22 (TRAFFIC B) (1.5")
FRICTION COURSE TRAFFIC B FC-9.5 (1.5") (PG 76-22)

SHOULDER PAVEMENT MILLING & RESURFACING
SR 377 (US 319)
STA. 553+98.47 TO STA. 557+22.40

MILL EXISTING ASPHALT PAVEMENT (1.5" DEPTH)
FRICTION COURSE TRAFFIC B FC-9.5 (1.5") (PG 76-22)

SHOULDER CONSTRUCTION
SR 377 (US 319)
STA. 553+98.47 TO STA. 557+26.14

TYPE B STABILIZATION (12") & OPTIONAL BASE GROUP 01
TYPE SP STRUCTURAL COURSE PG 76-22 (TRAFFIC B) (1")
FRICTION COURSE TRAFFIC B FC-9.5 (1.5") (PG 76-22)

TRAFFIC DATA
SR 377 (US 319)
STA. 553+98.47 TO STA. 557+26.14

CURRENT YEAR = 2020 AADT = 2200
ESTIMATED OPENING YEAR = 2024 AADT = 2350
ESTIMATED DESIGN YEAR = 2044 AADT = 2800
K = 9.5% D = 64.3% T = 10.40% (24 HOUR)
DESIGN HOUR T = 5.2%
DESIGN SPEED = 55 MPH
POSTED SPEED = 55 MPH
CONTEXT CLASSIFICATION = C3R

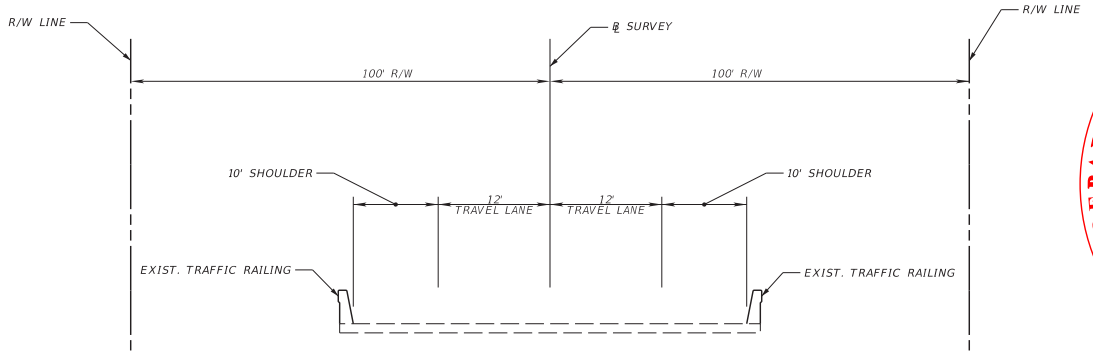
NOTES
1. STATIC COMPACTION ONLY
2. SMOOTHNESS CLASS 3

DEPARTMENT OF ENVIRONMENTAL PROTECTION - STATE OF FLORIDA -
Permit Number
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Water Resource Management

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REVISIONS				ENGINEER OF RECORD	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			TYPICAL SECTIONS	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	HEATHER W. REMICK, P.E. LICENSE NUMBER 80458 GORTEMOLLER ENGINEERING, INC. 708 THOMAS DRIVE PANAMA CITY BEACH, FL 32408	ROAD NO.	COUNTY	FINANCIAL PROJECT ID		5
					SR 30	FRANKLIN	445759-1-52-01		



DEPARTMENT OF ENVIRONMENTAL PROTECTION - STATE OF FLORIDA -

Permit Number

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Water Resource Management

TYPICAL SECTION 4
SR 30 (US 98) OVER TURKEY BAYOU
BRIDGE #490030
STA. 90+56.94 TO STA. 91+18.81

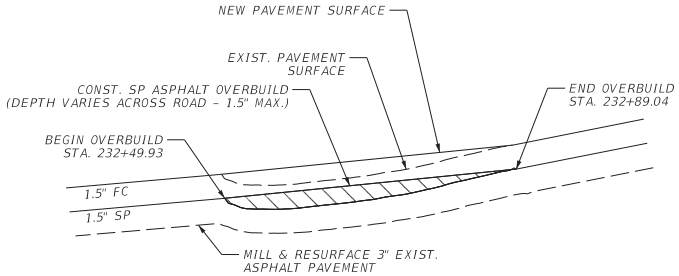
TRAFFIC DATA
SR 30 (US 98)
STA. 90+56.94 STA. 91+18.81

CURRENT YEAR = 2018 AADT = 1250
ESTIMATED OPENING YEAR = 2024 AADT = 1300
ESTIMATED DESIGN YEAR = 2044 AADT = 1600
K = 9.5% D = 59.4% T = 10.40% (24 HOUR)
DESIGN HOUR T = 5.2%
DESIGN SPEED = 60 MPH
POSTED SPEED = 55 MPH
CONTEXT CLASSIFICATION = C3R

REVISIONS				ENGINEER OF RECORD	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			TYPICAL SECTIONS	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	HEATHER W. REMICK, P.E. LICENSE NUMBER 80458 GORTEMOLLER ENGINEERING, INC. 708 THOMAS DRIVE PANAMA CITY BEACH, FL 32408	ROAD NO.	COUNTY	FINANCIAL PROJECT ID		6
					SR 30	FRANKLIN	445759-1-52-01		

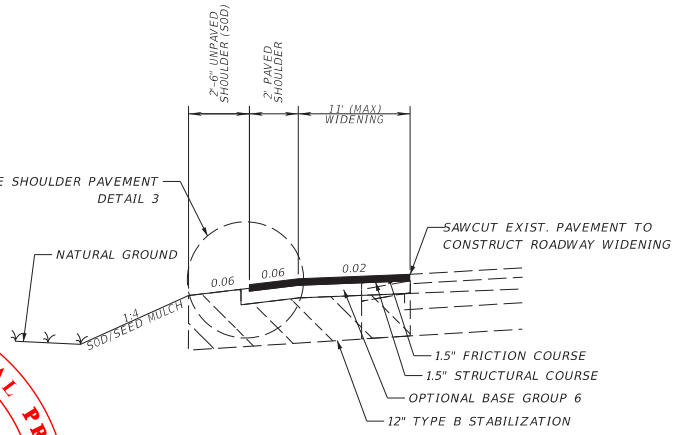
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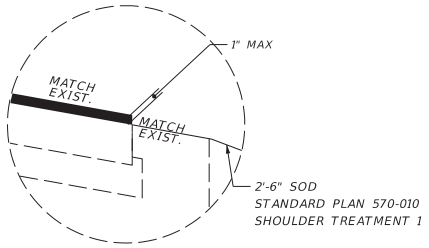
*VERTICALLY EXAGERATED FOR CLARITY

OVERBUILD DETAIL
SR 30 (US 98)
STA. 232+49.93 TO STA. 232+89.04

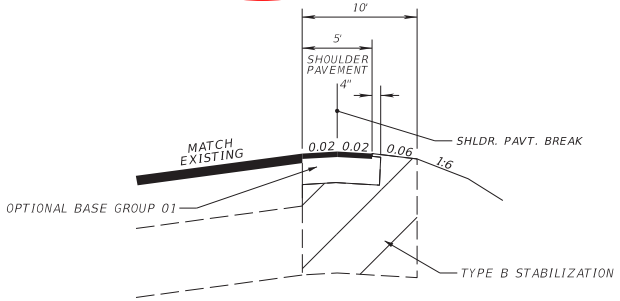


RIGHT TURN LANE WIDENING
SR 30 (US 98)
STA. 601+78.20 TO STA. 604+01.31

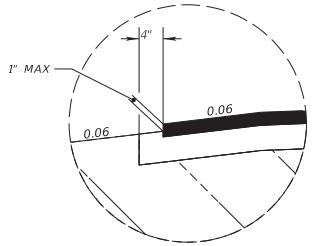
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Permit Number
19-0426910-001-SFG
Water Resource Management



SHOULDER PAVEMENT
DETAIL 1



SHOULDER PAVEMENT
DETAIL 2
SR 377 (US 319)
STA. 553+98.47 TO STA. 557+26.14



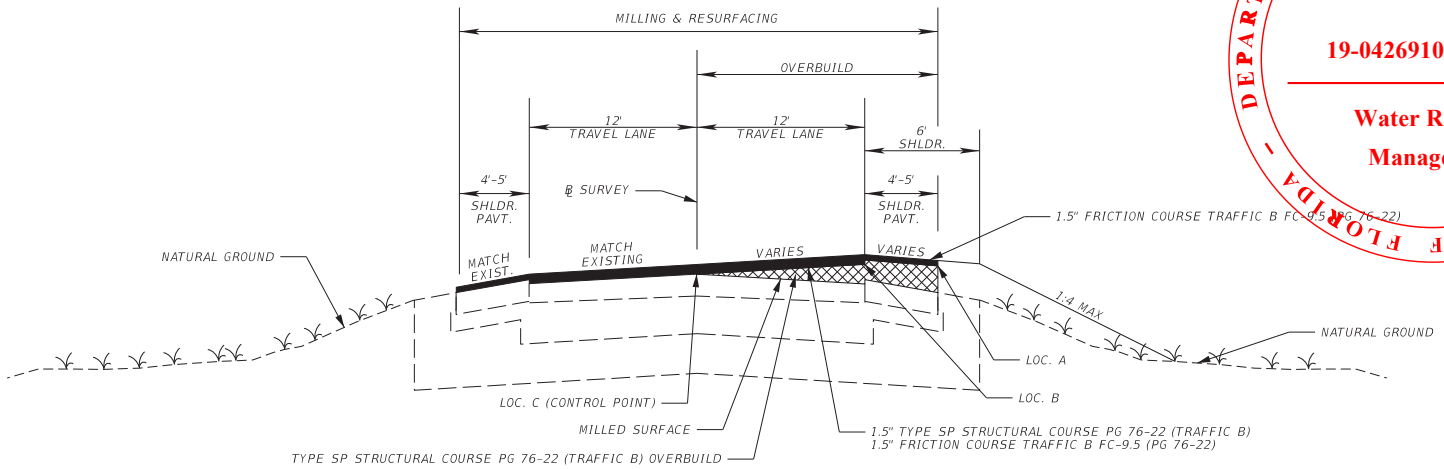
SHOULDER PAVEMENT
DETAIL 3

REVISIONS				ENGINEER OF RECORD	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			TYPICAL SECTION DETAILS	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	HEATHER W. REMICK, P.E. LICENSE NUMBER 80458 GORTEMOLLER ENGINEERING, INC. 708 THOMAS DRIVE PANAMA CITY BEACH, FL 32408	ROAD NO.	COUNTY	FINANCIAL PROJECT ID		7
					SR 30	FRANKLIN	445759-1-52-01		

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OVERBUILD DETAIL - CURVE C7
STA. 240+68.50 - STA. 259+00.00



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Permit Number
19-0426910-001-SFG
Water Resource Management

OVERBUILD DETAILS - C7

STATION	TRANSITION / CORRECTION AREAS	OVERBUILD THICKNESS (INCHES)			EXIST. CROSS SLOPE			PROPOSED CROSS SLOPE			WIDTH OF OVERBUILD (FT.)	AREA OF OVERBUILD (SQ. FT.)	OVERBUILD (TN)
		LOC. A	LOC. B	LOC. C	LT LANE	RT LANE	RT SHLDR	LT LANE	RT LANE	RT SHLDR			
240+68.50	BEGIN TRANSITION	0.00	0.00	0.00	-3.95%	-4.30%	-6.93%	EXIST.	EXIST.	EXIST.	0.00	0.00	0.00
243+00.00		5.64	5.16	0.00	-5.47%	-0.97%	-5.75%	EXIST.	2.61%	-4.16%	15.49	4.23	71.81
243+62.00	END TRANSITION, BEGIN FULL SUPERELEVATION	4.68	4.92	0.00	-5.05%	-0.44%	-3.56%	EXIST.	3.00%	-4.00%	15.36	3.84	18.35
246+00.00		4.32	4.44	0.00	-5.00%	0.05%	-3.80%	EXIST.	3.00%	-4.00%	16.04	3.65	65.36
249+00.00		5.64	5.28	0.00	-5.45%	-0.57%	-4.98%	EXIST.	3.00%	-4.00%	15.49	4.16	85.91
252+00.00		6.48	6.24	0.00	-5.95%	-1.15%	-4.64%	EXIST.	3.00%	-4.00%	15.59	4.81	98.67
254+04.00	END FULL SUPERELEVATION, BEGIN TRANSITION	3.96	4.56	0.00	-5.38%	-0.15%	-2.63%	EXIST.	3.00%	4.00%	15.99	3.71	63.73
255+00.00		2.28	3.00	0.00	-6.81%	0.71%	-2.68%	EXIST.	2.73%	-4.16%	16.15	2.46	21.72
255+48.55	PT - 50'	2.76	3.12	0.00	-6.86%	0.26%	-3.58%	EXIST.	2.41%	-4.37%	15.99	2.60	9.01
255+98.55	PT	2.04	2.52	0.00	-6.75%	0.25%	-3.44%	EXIST.	1.95%	-4.69%	15.90	1.90	8.25
256+48.55	PT + 50'	0.12	1.20	0.00	-6.55%	0.52%	-2.58%	EXIST.	1.36%	-5.10%	15.89	0.82	4.99
259+00.00	END TRANSITION	0.00	0.00	0.00	-3.37%	-1.94%	-4.56%	EXIST.	EXIST.	EXIST.	0.00	0.00	0.00
												TOTAL	447.8

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

ENGINEER OF RECORD
HEATHER W. REMICK, P.E.
LICENSE NUMBER 80458
GORTEMOLLER ENGINEERING, INC.
708 THOMAS DRIVE
PANAMA CITY BEACH, FL 32408

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 30	FRANKLIN	445759-1-52-01

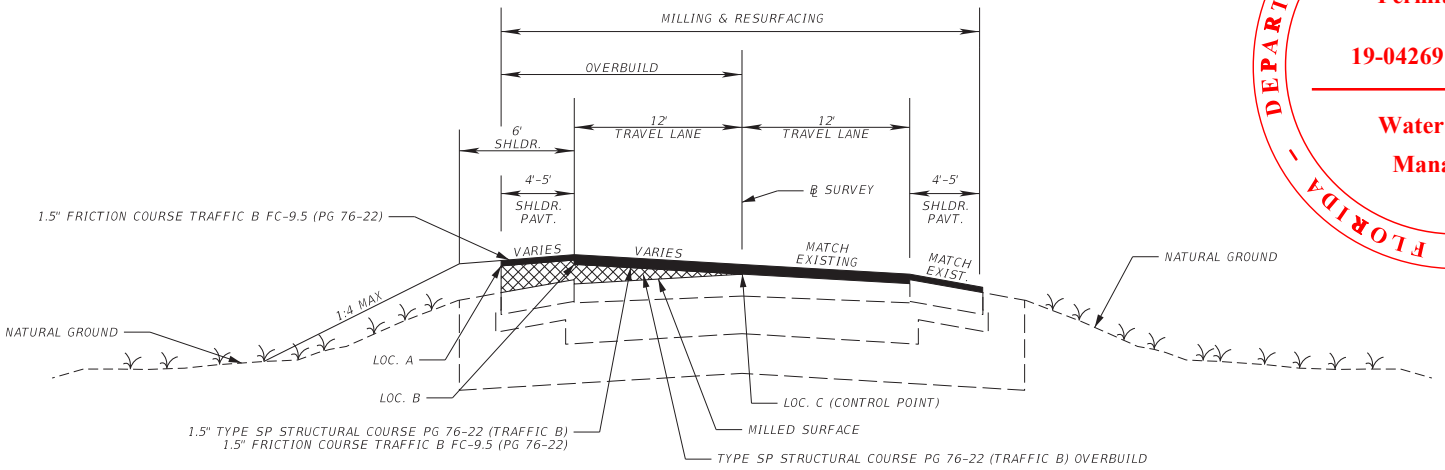
TYPICAL SECTION DETAILS

SHEET NO. 8

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OVERBUILD DETAIL - CURVE C8
STA. 260+00.00 - STA. 288+00.00



OVERBUILD DETAILS - C8

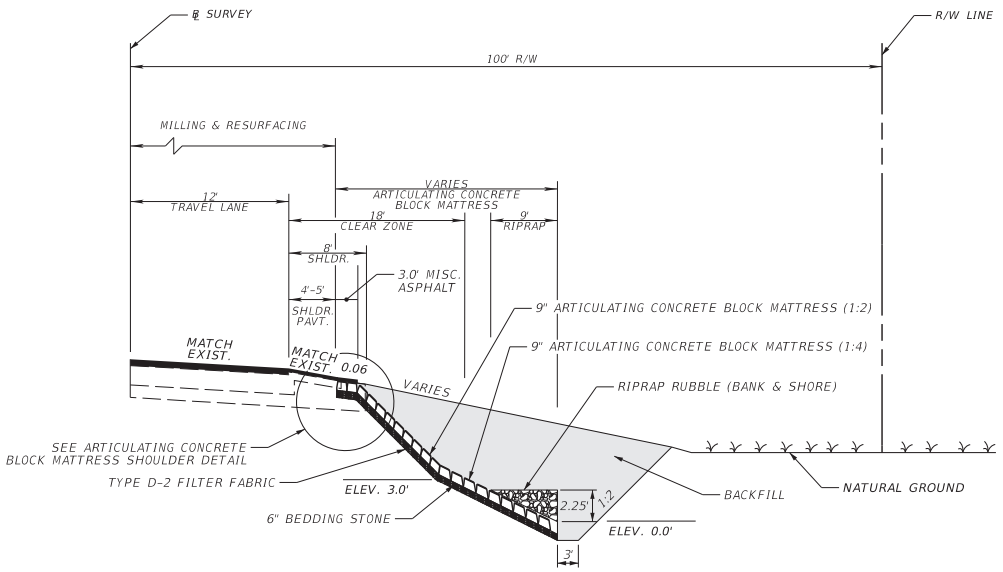
STATION	TRANSITION / CORRECTION AREAS	OVERBUILD THICKNESS (INCHES)			EXIST. CROSS SLOPE			PROPOSED CROSS SLOPE			WIDTH OF OVERBUILD (FT.)	AREA OF OVERBUILD (SQ. FT.)	OVERBUILD (TN)
		LOC. A	LOC. B	LOC. C	LT SHLDR	LT LANE	RT LANE	LT SHLDR	LT LANE	RT LANE			
260+00.00	BEGIN TRANSITION	0.00	0.00	0.00	-3.16%	-1.11%	-3.86%	EXIST.	EXIST.	EXIST.	0.00	0.00	0.00
261+08.27	PC - 50'	2.64	2.52	0.00	-3.81%	-0.20%	-5.18%	-3.61%	1.46%	EXIST.	16.21	2.08	16.51
261+58.27	PC	2.88	2.88	0.00	-3.68%	-0.24%	-5.39%	-3.78%	2.21%	EXIST.	16.18	2.29	8.01
262+08.27	PC + 50'	2.28	2.64	0.00	-3.05%	0.94%	-5.56%	-3.89%	2.71%	EXIST.	16.14	2.14	8.12
262+82.00	END TRANSITION, BEGIN FULL SUPERELEVATION	2.40	3.00	0.00	-2.47%	0.96%	-6.05%	-3.04%	3.00%	EXIST.	16.04	2.39	12.25
264+00.00		4.20	4.32	0.00	-3.63%	0.16%	-6.21%	-3.82%	3.00%	EXIST.	15.84	3.53	25.61
267+00.00		2.64	2.88	0.00	-2.93%	1.03%	-4.83%	-3.54%	3.00%	EXIST.	16.13	2.37	64.90
270+00.00		1.80	2.40	0.00	-1.59%	1.34%	-6.12%	-3.27%	3.00%	EXIST.	15.73	1.80	45.87
273+00.00		1.20	1.80	0.00	-1.59%	1.75%	-5.27%	-2.89%	3.00%	EXIST.	16.04	1.42	35.42
276+00.00		2.16	2.64	0.00	-0.87%	1.22%	-4.86%	-2.00%	3.00%	EXIST.	16.03	2.08	38.50
279+00.00		1.08	1.80	0.00	-0.20%	-1.76%	-4.89%	-2.00%	3.00%	EXIST.	15.62	1.26	36.74
282+00.00		5.64	5.76	0.00	-3.54%	-0.94%	-3.38%	-3.72%	3.00%	EXIST.	15.72	4.17	59.73
283+07.00	END FULL SUPERELEVATION, BEGIN TRANSITION	6.12	6.12	0.00	-3.83%	-1.14%	-1.05%	-3.75%	3.00%	EXIST.	15.74	4.52	34.09
284+69.69	PT - 50'	5.76	5.16	0.00	-4.75%	-1.46%	-1.95%	-3.38%	2.05%	EXIST.	15.52	4.18	51.90
285+19.69	PT	5.40	4.68	0.00	-5.23%	-1.78%	-2.04%	-3.27%	1.40%	EXIST.	15.63	3.83	14.69
285+69.69	PT + 50'	4.08	3.48	0.00	-4.62%	-1.65%	-2.10%	-3.15%	0.71%	EXIST.	15.53	2.76	12.08
288+00.00	END TRANSITION	0.00	0.00	0.00	-4.00%	-1.65%	-2.01%	EXIST.	EXIST.	EXIST.	0.00	0.00	0.00
												TOTAL	464.4

REVISIONS				ENGINEER OF RECORD	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			TYPICAL SECTION DETAILS	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	HEATHER W. REMICK, P.E. LICENSE NUMBER 80458 GORTEMOLLER ENGINEERING, INC. 708 THOMAS DRIVE PANAMA CITY BEACH, FL 32408	ROAD NO.	COUNTY	FINANCIAL PROJECT ID		9
					SR 30	FRANKLIN	445759-1-52-01		

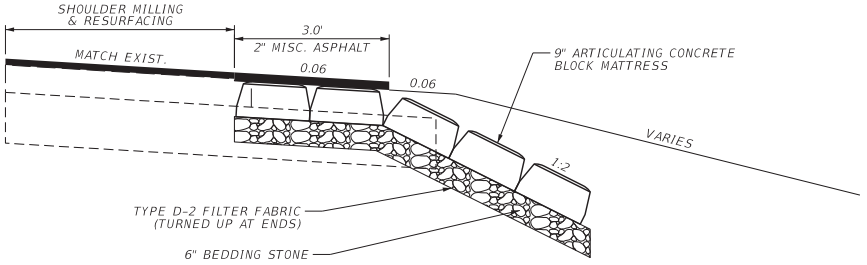
DEPARTMENT OF ENVIRONMENTAL PROTECTION - STATE OF FLORIDA
Permit Number
19-0426910-001-SFG
Water Resource Management

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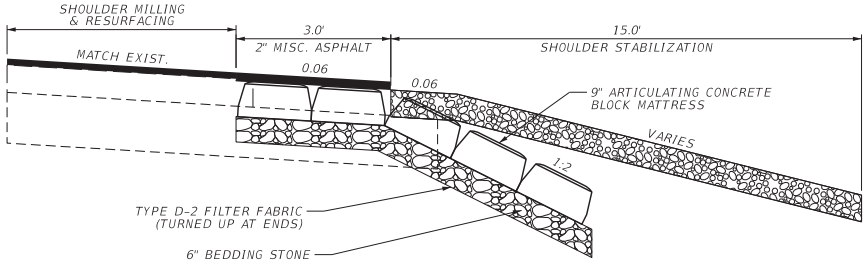
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ARTICULATING CONCRETE BLOCK MATTRESS DETAIL
SR 30 (US 98)
STA. 404+00.00 TO STA. 420+00.00
STA. 427+00.00 TO STA. 433+00.00



ARTICULATING CONCRETE BLOCK MATTRESS SHOULDER DETAIL
SR 30 (US 98)



ARTICULATING CONCRETE BLOCK MATTRESS WITH SHOULDER STABILIZATION DETAIL
SR 30 (US 98)

Permit Number
19-0426910-001-SFG
Water Resource Management
DEPARTMENT OF ENVIRONMENTAL PROTECTION - STATE OF FLORIDA -

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REVISIONS				ENGINEER OF RECORD	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			TYPICAL SECTION DETAILS	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	HEATHER W. REMICK, P.E. LICENSE NUMBER 80458 GORTEMOLLER ENGINEERING, INC. 708 THOMAS DRIVE PANAMA CITY BEACH, FL 32408	ROAD NO.	COUNTY	FINANCIAL PROJECT ID		10
					SR 30	FRANKLIN	445759-1-52-01		

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OPTIONAL MATERIALS TABULATION

STR. NO.	DSL (Years)	SIZE (IN)	LENGTH (FT)	PLOTTED	MATERIAL & THICKNESS	FL (FT)	FL (FT)	AS BUILT	REMARKS
DS-1	100	24	108	X	RCP	19.89	17.51		
					NRCP, HDPE CL II, PP, PVC				
SD-05	25	18	24	X	RCP	7.63	8.02		DOUBLE BARREL
					NRCP, HDPE, PP, PVC, SRAP				
SD-08	25	18	24	X	RCP	12.51	12.86		
					NRCP, HDPE, PP, PVC, SRAP				
SD-09	25	18	24	X	RCP	12.90	13.00		
					NRCP, HDPE, PP, PVC, SRAP				
SD-10	25	18	24	X	RCP	14.65	14.70		
					NRCP, HDPE, PP, PVC, SRAP				
SD-12	25	18	16	X	RCP	14.75	15.14		
					NRCP, HDPE, PP, PVC, SRAP				
SD-13	25	18	24	X	RCP	16.03	16.20		
					HDPE, PP, PVC, SRAP				
SD-14	25	18	32	X	RCP	16.68	17.13		
					NRCP, HDPE, PP, PVC, SRAP				
SD-15	25	18	32	X	RCP	17.50	17.81		
					NRCP, HDPE, PP, PVC, SRAP				
SD-16	25	18	80	X	RCP	17.98	18.14		
					NRCP, HDPE, PP, PVC, SRAP				

DEPARTMENT OF ENVIRONMENTAL PROTECTION - STATE OF FLORIDA

Permit Number

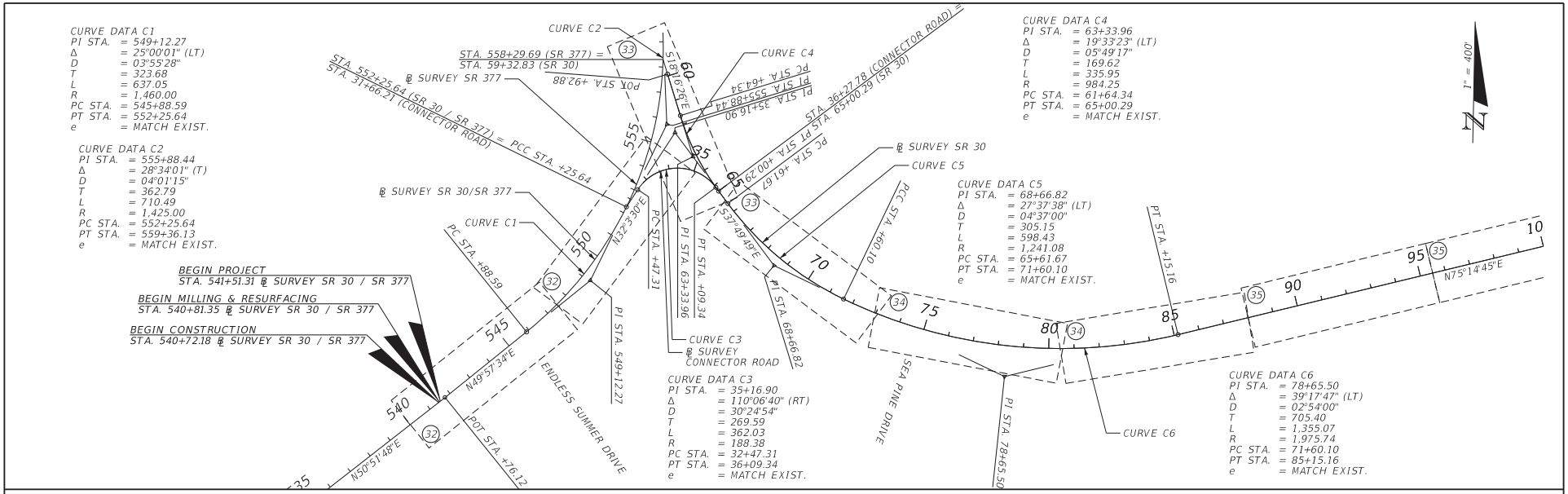
19-0426910-001-SFG

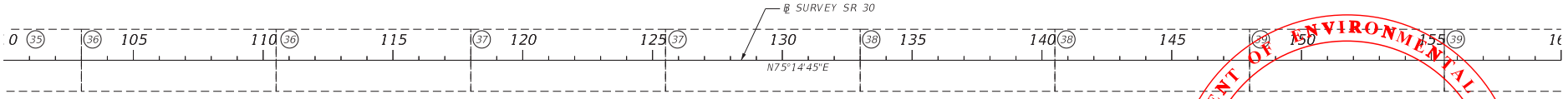
Water Resource Management

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REVISIONS				ENGINEER OF RECORD	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION				SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	HEATHER W. REMICK, P.E. LICENSE NUMBER 80458 GORTEMOLLER ENGINEERING, INC. 708 THOMAS DRIVE PANAMA CITY BEACH, FL 32408	ROAD NO.	COUNTY	FINANCIAL PROJECT ID	OPTIONAL MATERIALS TABULATION	11
					SR 30	FRANKLIN	445759-1-52-01		



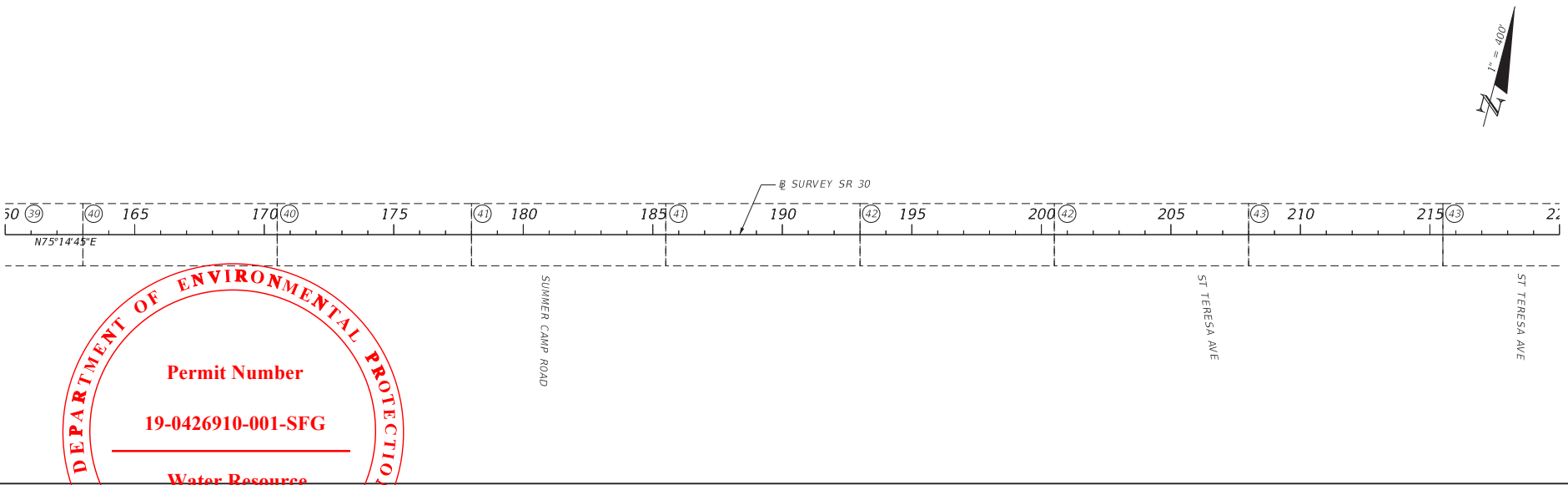


DEPARTMENT OF ENVIRONMENTAL PROTECTION - STATE OF FLORIDA -
Permit Number
19-0426910-001-SFG
Water Resource Management

REVISIONS				ENGINEER OF RECORD	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION				SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	HEATHER W. REMICK, P.E. LICENSE NUMBER 80458 GORTEMOLLER ENGINEERING, INC. 708 THOMAS DRIVE PANAMA CITY BEACH, FL 32408	ROAD NO.	COUNTY	FINANCIAL PROJECT ID	PROJECT LAYOUT	12
					SR 30	FRANKLIN	445759-1-52-01		

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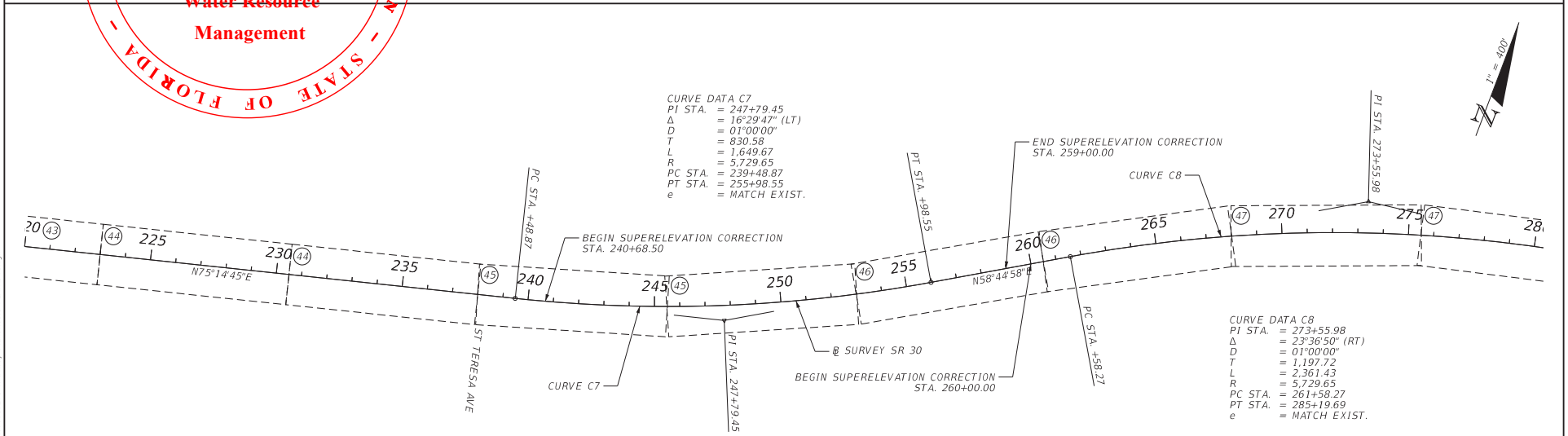
DEPARTMENT OF ENVIRONMENTAL PROTECTION - STATE OF FLORIDA -

Permit Number

19-0426910-001-SFG

~~Water Resource~~

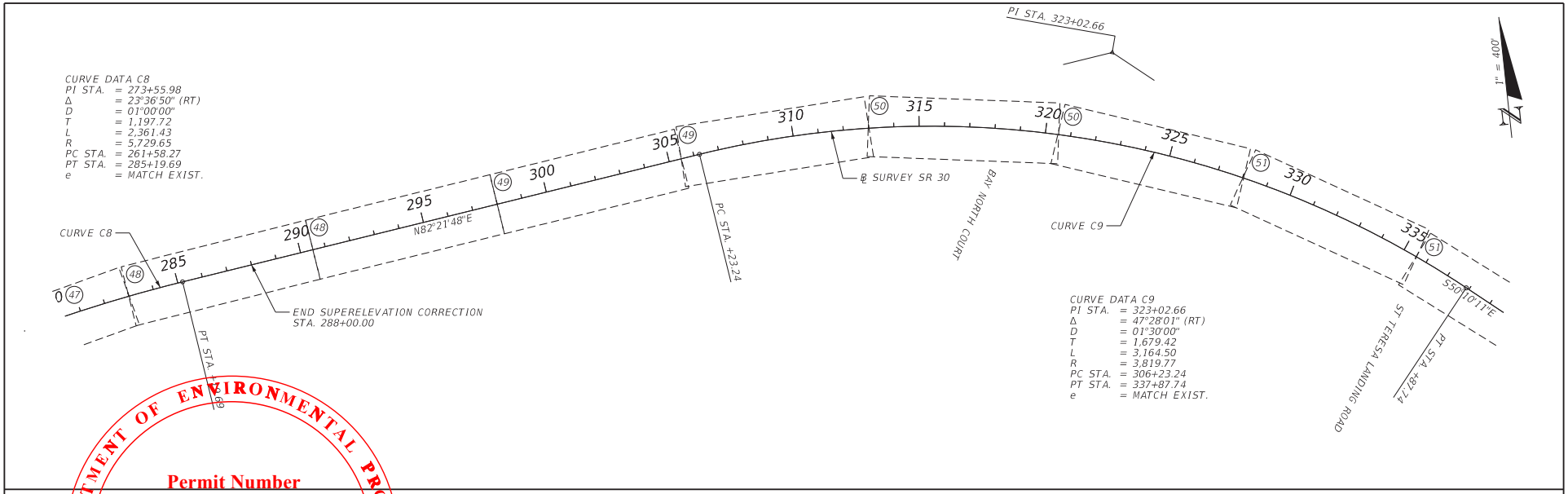
Management



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REVISIONS				ENGINEER OF RECORD	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			PROJECT LAYOUT	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	HEATHER W. REMICK, P.E. LICENSE NUMBER 80458 GORTEMOLLER ENGINEERING, INC. 708 THOMAS DRIVE PANAMA CITY BEACH, FL 32408	ROAD NO.	COUNTY	FINANCIAL PROJECT ID		13
					SR 30	FRANKLIN	445759-1-52-01		

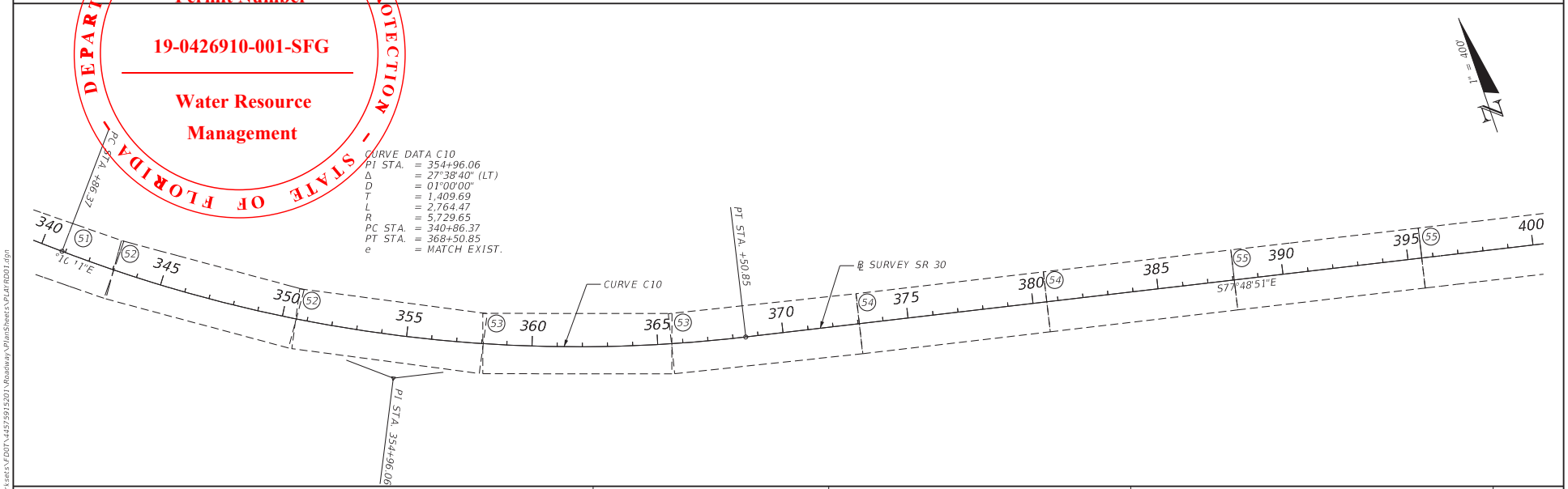


DEPARTMENT OF ENVIRONMENTAL PROTECTION - STATE OF FLORIDA

Permit Number

19-0426910-001-SFG

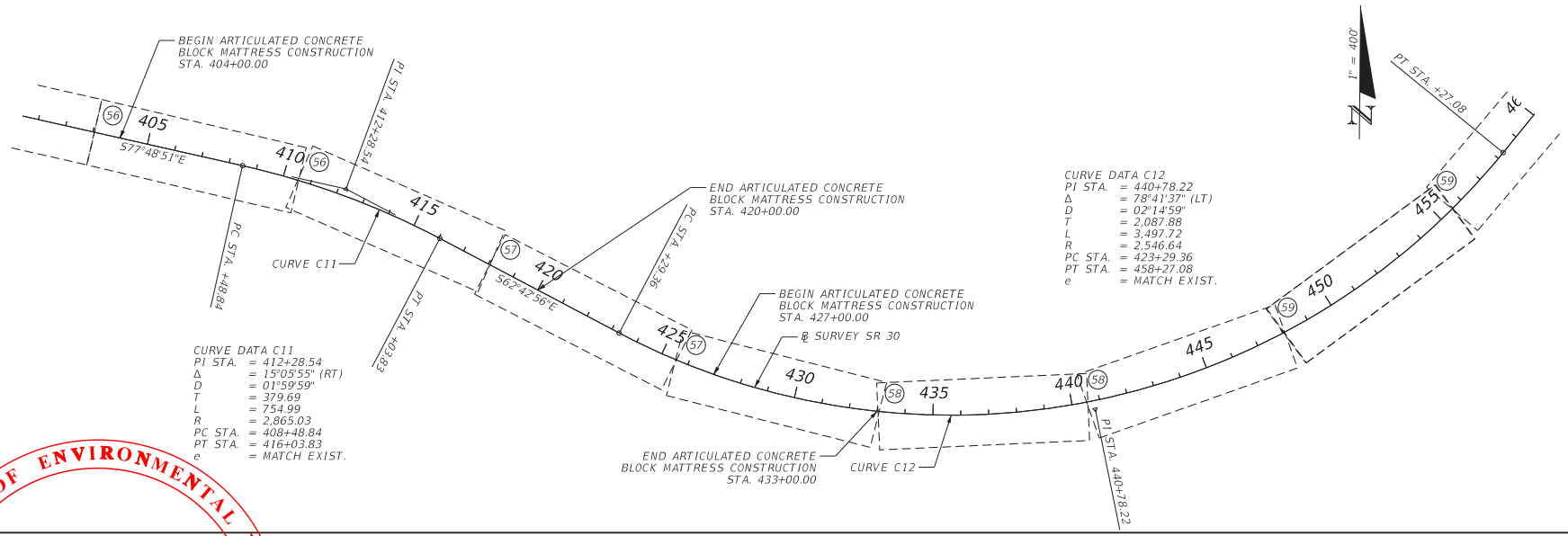
Water Resource Management



REVISIONS				ENGINEER OF RECORD	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			PROJECT LAYOUT	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	HEATHER W. REMICK, P.E. LICENSE NUMBER 80458 GORTEMOLLER ENGINEERING, INC. 708 THOMAS DRIVE PANAMA CITY BEACH, FL 32408	ROAD NO.	COUNTY	FINANCIAL PROJECT ID		14
					SR 30	FRANKLIN	445759-1-52-01		

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CURVE DATA C11
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Δ = 15°05'55" (RT)
D = 01°59'59"
T = 379.69
L = 754.99
R = 2,865.03
PC STA. = 408+48.84
PT STA. = 416+03.83
e = MATCH EXIST.

CURVE DATA C12
PI STA. = 440+78.22
Δ = 78°41'37" (LT)
D = 02°14'59"
T = 2,087.88
L = 3,497.72
R = 2,546.64
PC STA. = 423+29.36
PT STA. = 458+27.08
e = MATCH EXIST.

DEPARTMENT OF ENVIRONMENTAL PROTECTION - STATE OF FLORIDA -

Permit Number

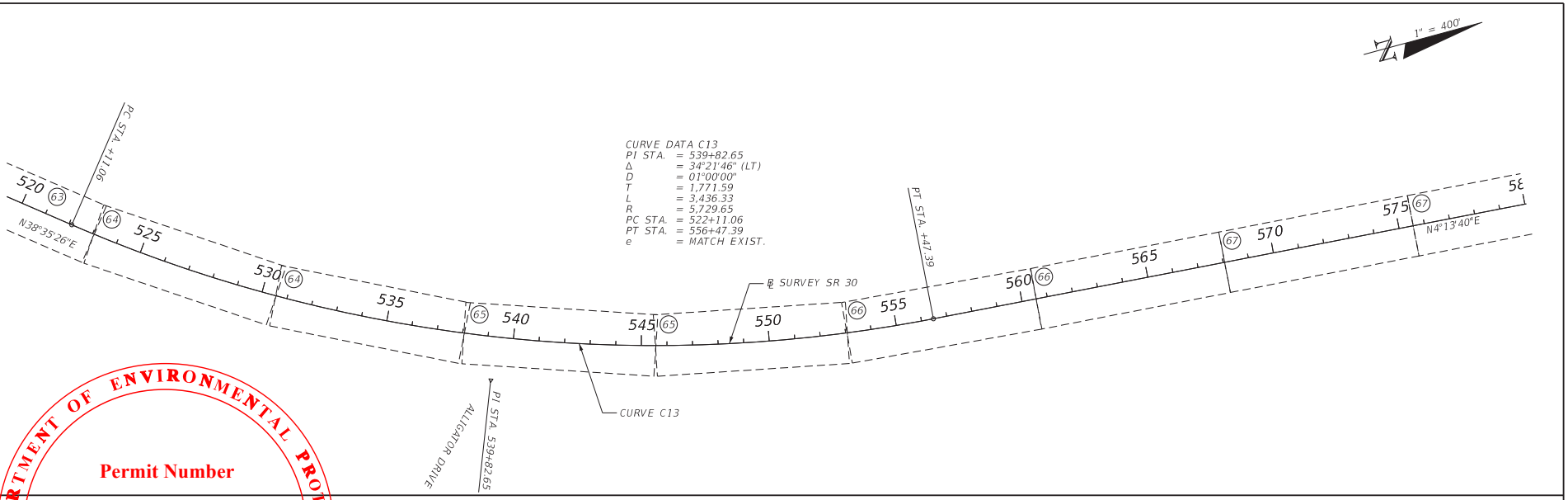
19-0426910-001-SFG

Water Resource Management

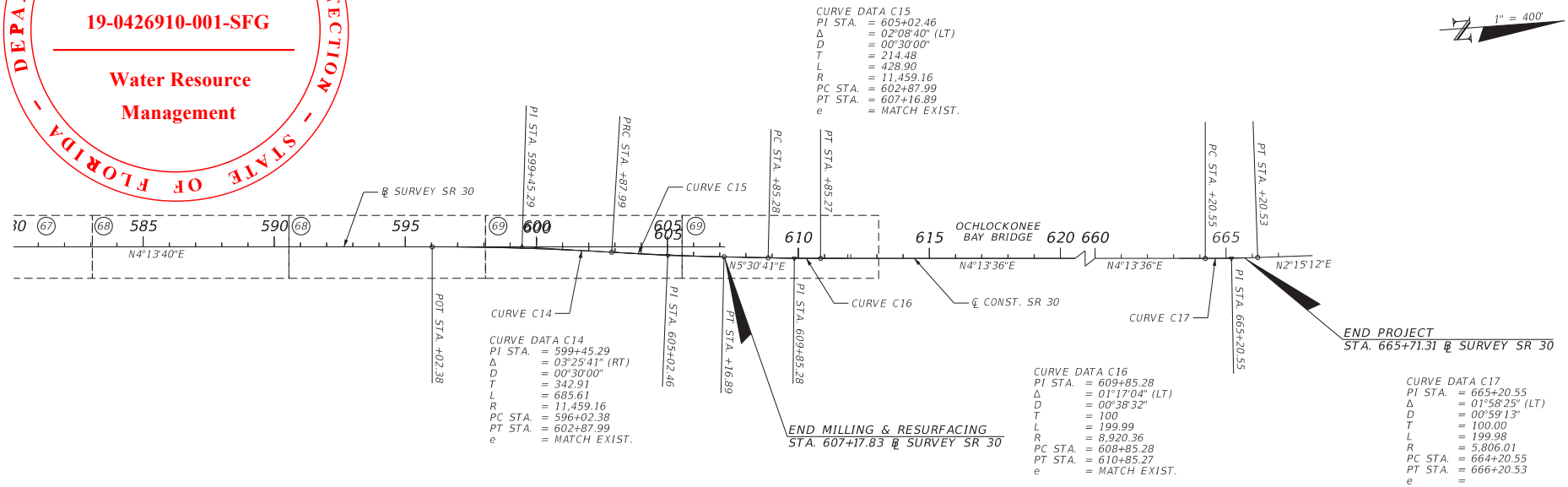
REVISIONS				ENGINEER OF RECORD	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			PROJECT LAYOUT	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	HEATHER W. REMICK, P.E. LICENSE NUMBER 80458 GORTEMOLLER ENGINEERING, INC. 708 THOMAS DRIVE PANAMA CITY BEACH, FL 32408	ROAD NO.	COUNTY	FINANCIAL PROJECT ID		15
					SR 30	FRANKLIN	445759-1-52-01		

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DEPARTMENT OF ENVIRONMENTAL PROTECTION - STATE OF FLORIDA -
Permit Number
19-0426910-001-SFG
Water Resource Management

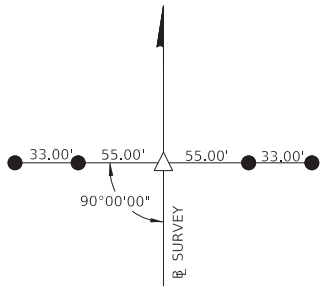


REVISIONS				ENGINEER OF RECORD	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			PROJECT LAYOUT	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	HEATHER W. REMICK, P.E. LICENSE NUMBER 80458 GORTEMOLLER ENGINEERING, INC. 708 THOMAS DRIVE PANAMA CITY BEACH, FL 32408	ROAD NO.	COUNTY	FINANCIAL PROJECT ID		16
					SR 30	FRANKLIN	445759-1-52-01		

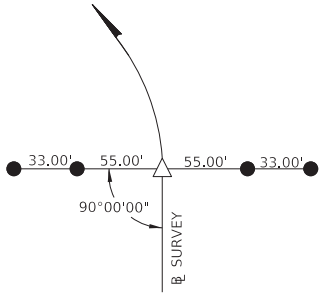
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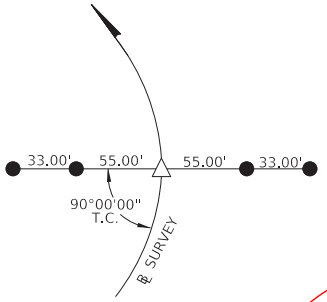
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(NOT TO SCALE)



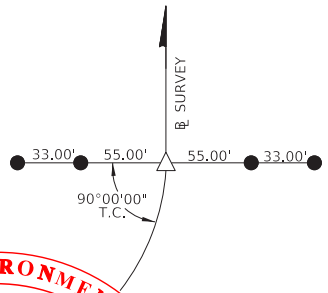
P.I. STA. 541+76.12
℄ SURVEY S.R. 30 / S.R. 377



P.C. STA. 545+88.59
℄ SURVEY S.R. 30 / S.R. 377



P.C.C. STA. 552+25.64
℄ SURVEY S.R. 30 / S.R. 377



P.T. STA. 559+36.13
℄ SURVEY S.R. 377

LEGEND

- ● = Set 5/8" rebar with red FDOT reference cap
- ○ = Found 5/8" rebar with yellow FDOT plastic cap
- △ = Set mag nail with FDOT washer

℄ STATION	NORTHING (Y)	EASTING (X)	SCALE FACTOR
541+76.12	333156.2658	1961248.1290	0.99995798
545+88.59	333421.6204	1961563.9113	0.99995793
552+25.64	333923.2986	1961948.2985	0.99995782
559+36.13	334614.2814	1962078.5590	0.99995768

DEPARTMENT OF ENVIRONMENTAL PROTECTION - STATE OF FLORIDA -
Permit Number
19-0426910-001-SFG
Water Resource Management

HORIZONTAL AND VERTICAL CONTROL

1. PROJECT IS BASED ON THE FLORIDA STATE PLANE COORDINATE SYSTEM NAD 1983/2011 HORIZONTAL DATUM.
2. BENCHMARK ELEVATIONS ARE BASED ON THE NORTH AMERICAN VERTICAL DATUM 1988 (NAVD88).
3. INFORMATION FOR BENCHMARKS IS SHOWN TO THE NEAREST FOOT FOR COORDINATES & THE TENTH OF A SECOND FOR LATITUDE / LONGITUDE AND IS TO BE USED FOR RECON PURPOSES ONLY, SHOULD NOT BE USED FOR HORIZONTAL CONTROL.

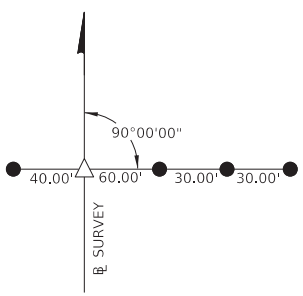
CONTROL POINT	℄ STATION	OFFSET	ELEVATION (Z)	DESCRIPTION	NORTHING (Y)	EASTING (X)	LATITUDE	LONGITUDE	SCALE FACTOR
A1	541+43.38	18.66'	24.24	5/8" IRON ROD FDOT CONTROL	333121.1251	1961234.5096	29°54'57.57457348"	84°31'22.56020893"	0.99995799
A2	551+29.12	59.45'	26.37	5/8" IRON ROD FDOT CONTROL	333808.6103	1961956.8262	29°55'4.38144223"	84°31'14.35369803"	0.99995785

REVISIONS				ENGINEER OF RECORD	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			PROJECT CONTROL	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	HEATHER W. REMICK, P.E. LICENSE NUMBER 80458 GORTEMOLLER ENGINEERING, INC. 708 THOMAS DRIVE PANAMA CITY BEACH, FL 32408	ROAD NO.	COUNTY	FINANCIAL PROJECT ID		17
					SR 30	FRANKLIN	445759-1-52-01		

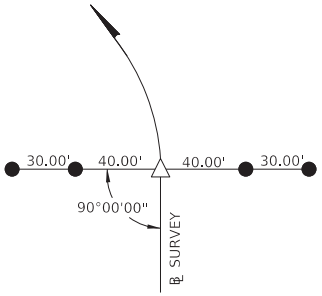
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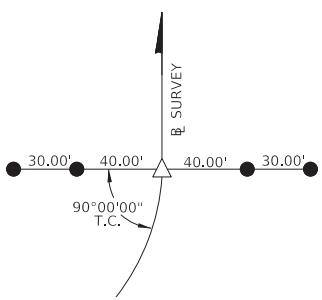
℄ REFERENCE POINTS (AL1)
(NOT TO SCALE)



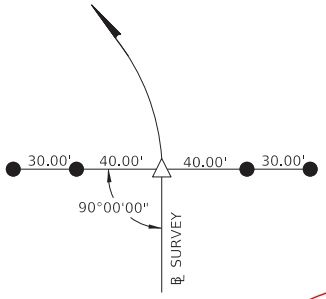
P.I. STA. 59+92.88
℄ SURVEY S.R. 30



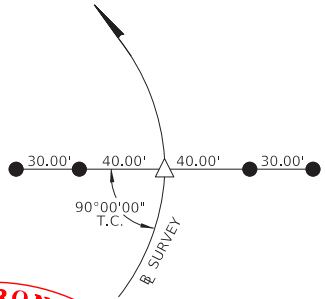
P.C. STA. 61+64.34
℄ SURVEY S.R. 30



P.T. STA. 65+00.29
℄ SURVEY S.R. 30



P.C. STA. 65+61.67
℄ SURVEY S.R. 30



P.C.C. STA. 71+60.10
℄ SURVEY S.R. 30

LEGEND

- ● = Set 5/8" rebar with red FDOT reference cap
- ○ = Found 5/8" rebar with yellow FDOT plastic cap
- △ = Set mag nail with FDOT washer

℄ STATION	NORTHING (Y)	EASTING (X)	SCALE FACTOR
59+92.88	334450.8831	1962100.1132	0.99995772
61+64.34	334288.0702	1962153.8765	0.99995775
65+00.29	333993.0245	1962311.0992	0.99995781
65+61.67	333944.5448	1962348.7451	0.99995782
71+60.10	333576.7789	1962813.4834	0.99995790

DEPARTMENT OF ENVIRONMENTAL PROTECTION - STATE OF FLORIDA -

Permit Number

19-0426910-001-SFG

Water Resource Management

HORIZONTAL AND VERTICAL CONTROL

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2. BENCHMARK ELEVATIONS ARE BASED ON THE NORTH AMERICAN VERTICAL DATUM 1988 (NAVD88).
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CONTROL POINT	℄ STATION	OFFSET	ELEVATION (Z)	DESCRIPTION	NORTHING (Y)	EASTING (X)	LATITUDE	LONGITUDE	SCALE FACTOR
49 99 C01V	62+43.29	74.07'	29.20'	4"X 4" CONCRETE MONUMENT	334185	1962113	29°55'08.1"	84°31'12.6"	0.99995777
49 04 A06G	63+23.79	42.03'	28.35'	5/8" IRON ROD FDOT	334121.9194	1962178.6363	29°55'07.48331890"	84°31'11.83377048"	0.99995778
A3	65+23.97	21.47'	25.91'	5/8" REBAR W/ FDOT CONTROL CAP	333961.1501	1962308.6687	29°55'05.89206663"	84°31'10.35581456"	0.99995782
A4	72+74.36	30.97'	20.49'	5/8" REBAR W/ FDOT CONTROL CAP	333503.4823	1962907.5182	29°55'01.36252303"	84°31'03.54992306"	0.99995791

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

ENGINEER OF RECORD
HEATHER W. REMICK, P.E.
LICENSE NUMBER 80458
GORTEMOLLER ENGINEERING, INC.
708 THOMAS DRIVE
PANAMA CITY BEACH, FL 32408

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 30	FRANKLIN	445759-1-52-01

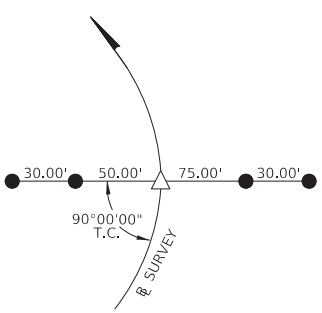
PROJECT CONTROL

SHEET NO. 18

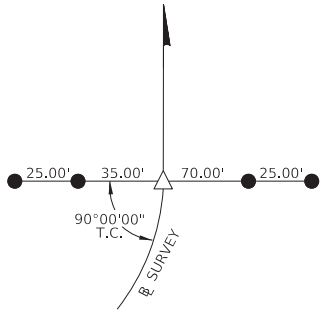
THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

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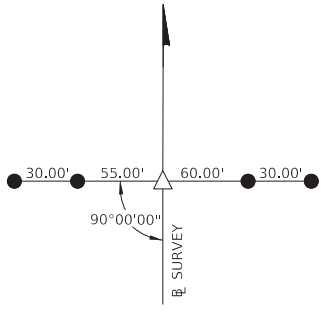
℄ REFERENCE POINTS (AL1)
(NOT TO SCALE)



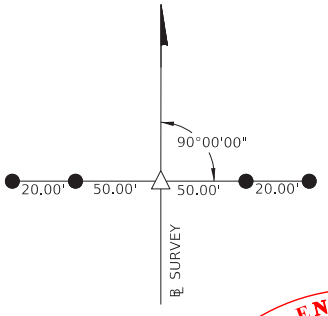
P.O.C. STA. 81+00.00
℄ SURVEY S.R. 30



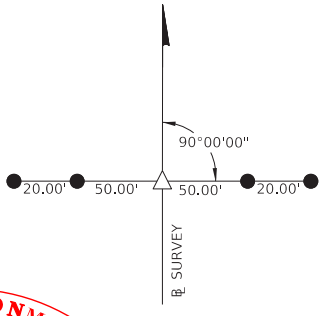
P.T. STA. 85+15.16
℄ SURVEY S.R. 30



P.O.T. STA. 95+00.00
℄ SURVEY S.R. 30



P.O.T. STA. 105+00.00
℄ SURVEY S.R. 30



P.O.T. STA. 115+00.00
℄ SURVEY S.R. 30

LEGEND

● = Set 5/8" rebar with red FDOT reference cap

○ = Found 5/8" rebar with yellow FDOT plastic cap

△ = Set mag nail with FDOT washer

℄ STATION	NORTHING (Y)	EASTING (X)	SCALE FACTOR
81+00.00	333400.4957	1963727.7049	0.99995793
85+15.16	333463.4225	1964137.3010	0.99995792
95+00.00	333714.2311	1965089.6638	0.99995787
105+00.00	333968.9013	1966056.6918	0.99995781
115+00.00	334223.5715	1967023.7198	0.99995776

DEPARTMENT OF ENVIRONMENTAL PROTECTION - STATE OF FLORIDA -

Permit Number

19-0426910-001-SFG

Water Resource Management

HORIZONTAL AND VERTICAL CONTROL

1. PROJECT IS BASED ON THE FLORIDA STATE PLANE COORDINATE SYSTEM NAD 1983/2011 HORIZONTAL DATUM.
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CONTROL POINT	℄ STATION	OFFSET	ELEVATION (Z)	DESCRIPTION	NORTHING (Y)	EASTING (X)	LATITUDE	LONGITUDE	SCALE FACTOR
A5	82+12.63	36.42'	16.61'	5/8" REBAR W/ FDOT CONTROL CAP	333372.8090	1963843.7913	29°55'00.07028653"	84°30'52.91043323"	0.99995794
49 20-A01V	91+18.50	-23.58'	11.98'	4"X 4" CONCRETE MONUMENT	333640	1964715	29°55'02.7"	84°30'43.0"	0.99995788
A6	91+72.66	33.50'	7.98'	5/8" REBAR W/ FDOT CONTROL CAP	333598.4767	1964781.6480	29°55'02.30527558"	84°30'42.25344212"	0.99995789
BM24	94+84.22	48.21'	11.80'	SS ROD AND NGS CAP 8360 L 1991(DR3160)	333664	1965087	29°55'03.0"	84°30'38.8"	0.99995788
A7	101+42.96	21.68'	15.44'	5/8" REBAR W/ FDOT CONTROL CAP	333857.0087	1965716.9444	29°55'04.86534933"	84°30'31.62544067"	0.99995784
A8	110+94.08	23.03'	7.96'	5/8" REBAR W/ FDOT CONTROL CAP	334097.9209	1966637.0468	29°55'07.25075489"	84°30'21.16993599"	0.99995779
A9	119+54.51	19.19'	16.42'	5/8" REBAR W/ FDOT CONTROL CAP	334320.7625	1967468.1282	29°55'09.45702114"	84°30'11.72589561"	0.99995774

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

ENGINEER OF RECORD
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708 THOMAS DRIVE
PANAMA CITY BEACH, FL 32408

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 30	FRANKLIN	445759-1-52-01

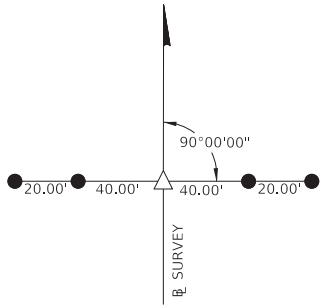
PROJECT CONTROL

SHEET NO. 19

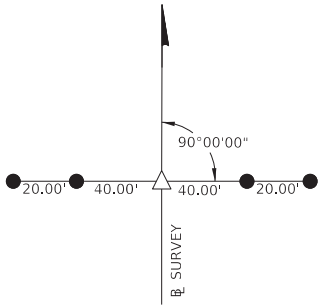
THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

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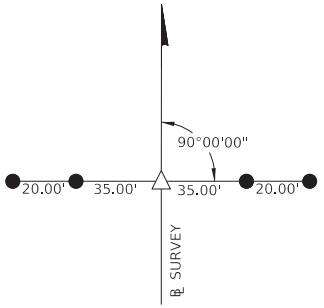
℄ REFERENCE POINTS (AL1)
(NOT TO SCALE)



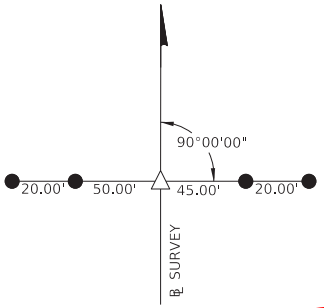
P.O.T. STA. 125+00.00
℄ SURVEY S.R. 30



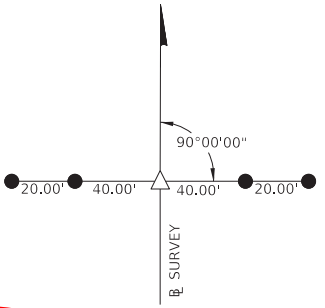
P.O.T. STA. 135+00.00
℄ SURVEY S.R. 30



P.O.T. STA. 145+00.00
℄ SURVEY S.R. 30



P.O.T. STA. 155+00.00
℄ SURVEY S.R. 30



P.O.T. STA. 165+00.00
℄ SURVEY S.R. 30

LEGEND

- ● = Set 5/8" rebar with red FDOT reference cap
- ○ = Found 5/8" rebar with yellow FDOT plastic cap
- △ = Set mag nail with FDOT washer

℄ STATION	NORTHING (Y)	EASTING (X)	SCALE FACTOR
125+00.00	334478.2417	1967990.7477	0.99995771
135+00.00	334732.9119	1968957.7757	0.99995766
145+00.00	334987.5821	1969924.8037	0.99995760
155+00.00	335242.2523	1970891.8316	0.99995755
165+00.00	335496.9225	1971858.8596	0.99995750

DEPARTMENT OF ENVIRONMENTAL PROTECTION - STATE OF FLORIDA -

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Water Resource Management

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CONTROL POINT	℄ STATION	OFFSET	ELEVATION (Z)	DESCRIPTION	NORTHING (Y)	EASTING (X)	LATITUDE	LONGITUDE	SCALE FACTOR
A10	129+15.97	20.03'	16.76'	5/8" REBAR W/ FDOT CONTROL CAP	334564.8103	1968398.1059	29°55'11.87302487"	84°30'01.15790319"	0.99995769
A11	139+16.32	19.32'	17.19'	5/8" REBAR W/ FDOT CONTROL CAP	334820.2551	1969365.2892	29°55'14.40160312"	84°29'50.16696537"	0.99995764
49 99-A02V	143+79.99	33.59'	15.53'	4"X 4" CONCRETE MONUMENT	334925	1969817	29°55'15.4"	84°29'45.0"	0.99995762
A12	148+82.09	19.09'	16.13'	5/8" REBAR W/ FDOT CONTROL CAP	335066.4314	1970299.1585	29°55'16.83819142"	84°29'39.55445601"	0.99995759
A13	158+63.50	19.48'	15.81'	5/8" REBAR W/ FDOT CONTROL CAP	335315.9820	1971248.3060	29°55'19.30793169"	84°29'28.76817725"	0.99995754
A14	168+40.97	18.65'	18.10'	5/8" REBAR W/ FDOT CONTROL CAP	335565.7211	1972193.3403	29°55'21.77929508"	84°29'18.02849209"	0.99995749

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

ENGINEER OF RECORD
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708 THOMAS DRIVE
PANAMA CITY BEACH, FL 32408

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 30	FRANKLIN	445759-1-52-01

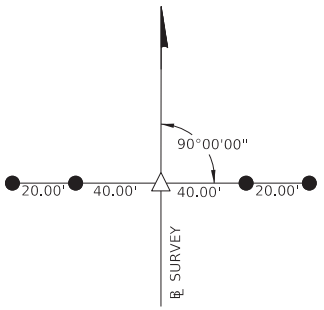
PROJECT CONTROL

SHEET NO. 20

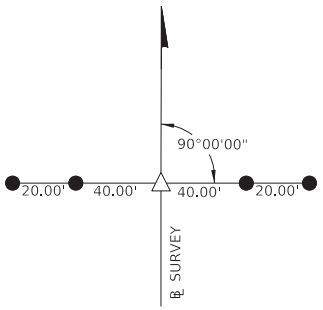
THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

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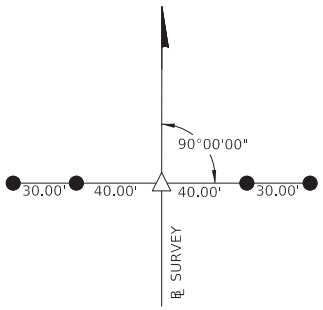
℄ REFERENCE POINTS (AL1)
(NOT TO SCALE)



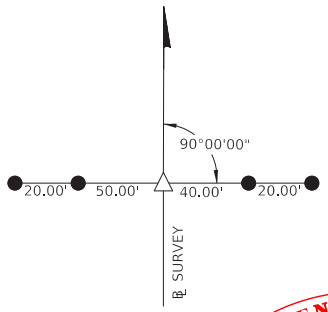
P.O.T. STA. 175+00.00
℄ SURVEY S.R. 30



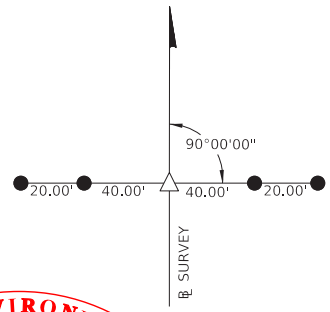
P.O.T. STA. 185+00.00
℄ SURVEY S.R. 30



P.O.T. STA. 195+00.00
℄ SURVEY S.R. 30



P.O.T. STA. 205+00.00
℄ SURVEY S.R. 30



P.O.T. STA. 215+00.00
℄ SURVEY S.R. 30

LEGEND

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- ○ = Found 5/8" rebar with yellow FDOT plastic cap
- △ = Set mag nail with FDOT washer

℄ STATION	NORTHING (Y)	EASTING (X)	SCALE FACTOR
175+00.00	335751.5927	1972825.8876	0.99995745
185+00.00	336006.2629	1973792.9155	0.99995740
195+00.00	336260.9331	1974759.9435	0.99995735
205+00.00	336515.6033	1975726.9715	0.99995729
215+00.00	336770.2735	1976693.9994	0.99995724

DEPARTMENT OF ENVIRONMENTAL PROTECTION - STATE OF FLORIDA -

Permit Number

19-0426910-001-SFG

Water Resource Management

HORIZONTAL AND VERTICAL CONTROL

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CONTROL POINT	℄ STATION	OFFSET	ELEVATION (Z)	DESCRIPTION	NORTHING (Y)	EASTING (X)	LATITUDE	LONGITUDE	SCALE FACTOR
A15	178+18.14	20.77'	17.65'	5/8" REBAR W/ FDOT CONTROL CAP	335812.5328	1973138.8262	29°55'24.22143428"	84°29'07.28353068"	0.99995744
49 99 C12V	178+31.72	-56.66'	18.18'	4"X 4" CONCRETE MONUMENT	335891	1973132	29°55'25.0"	84°29'07.4"	0.99995742
A16	188+02.47	20.30'	14.59'	5/8" REBAR W/ FDOT CONTROL CAP	336063.6610	1974090.5813	29°55'26.70604828"	84°28'56.46717008"	0.99995739
A17	197+83.15	20.22'	13.00'	5/8" REBAR W/ FDOT CONTROL CAP	336313.4872	1975038.9065	29°55'29.17753136"	84°28'45.68964039"	0.99995734
A18	207+67.71	20.34'	15.48'	5/8" REBAR W/ FDOT CONTROL CAP	336564.1124	1975991.0394	29°55'31.65666938"	84°28'34.86868752"	0.99995728
A19	216+00.84	21.26'	12.66'	5/8" REBAR W/ FDOT CONTROL CAP	336775.3980	1976796.9305	29°55'33.74646691	84°28'25.70965189	0.99995724

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

ENGINEER OF RECORD
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STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 30	FRANKLIN	445759-1-52-01

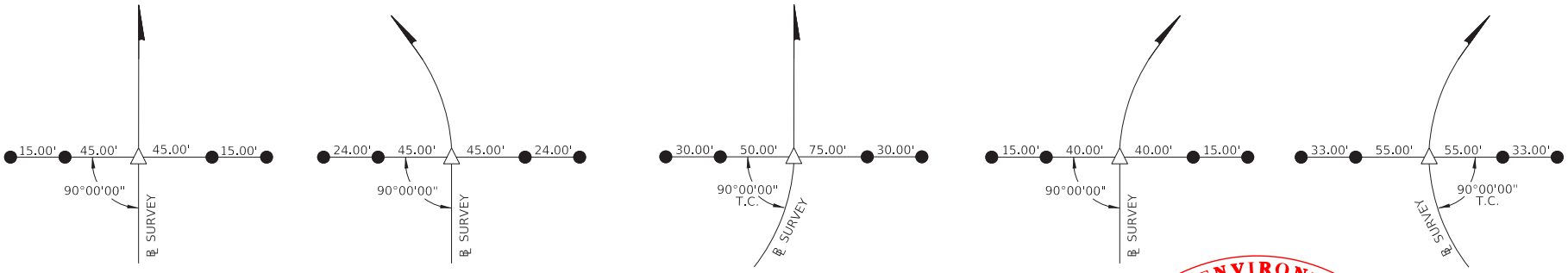
PROJECT CONTROL

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.

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℄ REFERENCE POINTS (AL1)
(NOT TO SCALE)



P.O.T. STA. 225+00.00
℄ SURVEY S.R. 30

P.C. STA. 239+48.87
℄ SURVEY S.R. 30

P.T. STA. 255+98.55
℄ SURVEY S.R. 30

P.C. STA. 261+58.27
℄ SURVEY S.R. 30

P.C. STA. 271+00.00
℄ SURVEY S.R. 30

LEGEND

● = Set 5/8" rebar with red FDOT reference cap

○ = Found 5/8" rebar with yellow FDOT plastic cap

△ = Set mag nail with FDOT washer

℄ STATION	NORTHING (Y)	EASTING (X)	SCALE FACTOR
225+00.00	337024.9437	1977661.0274	0.99995719
239+48.87	337393.9285	1979062.1285	0.99995712
255+98.55	338036.3448	1980575.3985	0.99995699
261+58.27	338326.7172	1981053.9070	0.99995693
271+00.00	338747.0599	1981895.4406	0.99995685

DEPARTMENT OF ENVIRONMENTAL PROTECTION - STATE OF FLORIDA -

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Water Resource Management

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CONTROL POINT	℄ STATION	OFFSET	ELEVATION (Z)	DESCRIPTION	NORTHING (Y)	EASTING (X)	LATITUDE	LONGITUDE	SCALE FACTOR
A20	225+83.26	18.29'	5.99'	5/8" REBAR W/ FDOT CONTROL CAP	337028.4595	1977746.2035	29°55'36.24927032"	84°28'14.92091664"	0.99995719
49 99 C17V	229+03.88	38.50'	5.77'	4"X 4" CONCRETE MONUMENT	337091	1978061	29°55'36.9"	84°28'11.3"	0.99995718
A21	235+59.02	17.57'	11.22'	5/8" REBAR W/ FDOT CONTROL CAP	337277.6583	1978689.6019	29°55'38.71360566"	84°28'04.19880548"	0.99995714
A22	243+56.63	-16.27'	14.59'	5/8" REBAR W/ FDOT CONTROL CAP	337527.1089	1979447.1660	29°55'41.18075183"	84°27'55.58850067"	0.99995709
A23	253+37.85	19.64'	19.26'	5/8" REBAR W/ FDOT CONTROL CAP	337888.9758	1980358.9423	29°55'44.76006447"	84°27'45.22506676"	0.99995702
A24	263+35.37	17.97'	22.16'	5/8" REBAR W/ FDOT CONTROL CAP	338400.5960	1981215.5454	29°55'49.82176666"	84°27'35.48786672"	0.99995692
49 99 C21V	270+21.39	-38.36'	22.94'	4"X 4" CONCRETE MONUMENT	338753	1981808	29°55'53.3"	84°27'28.8"	0.999956850
A25	273+18.30	-18.99'	23.22'	5/8" REBAR W/ FDOT CONTROL CAP	338842.2520	1982093.1908	29°55'54.19060520"	84°27'25.51154122"	0.999956830

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

ENGINEER OF RECORD

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 30	FRANKLIN	445759-1-52-01

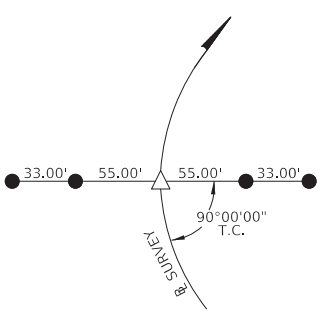
PROJECT CONTROL

SHEET NO. 22

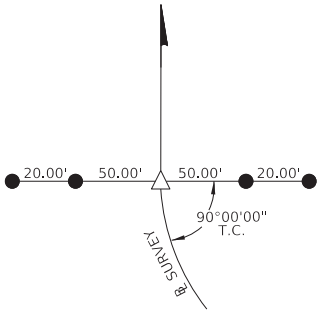
THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

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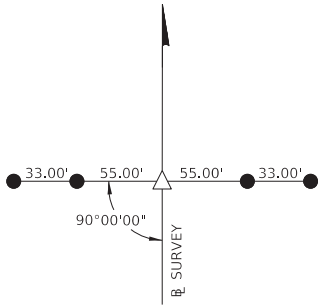
℄ REFERENCE POINTS (AL1)
(NOT TO SCALE)



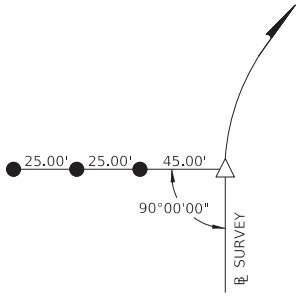
P.O.C. STA. 281+00.00
℄ SURVEY S.R. 30



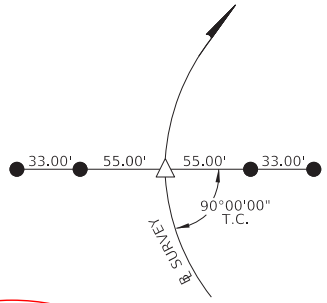
P.T. STA. 285+19.70
℄ SURVEY S.R. 30



P.O.T. STA. 295+00.00
℄ SURVEY S.R. 30



P.C. STA. 306+23.24
℄ SURVEY S.R. 30



P.O.C. STA. 316+00.00
℄ SURVEY S.R. 30

LEGEND

- ● = Set 5/8" rebar with red FDOT reference cap
- ○ = Found 5/8" rebar with yellow FDOT plastic cap
- △ = Set mag nail with FDOT washer

℄ STATION	NORTHING (Y)	EASTING (X)	SCALE FACTOR
281+00.00	339036.2824	1982851.3771	0.99995680
285+19.70	339107.2340	1984236.5467	0.99995678
295+00.00	339237.5057	1984335.6564	0.99995676
306+23.24	339386.7725	1985349.8245	0.99995673
316+00.00	339392.0607	1986323.9111	0.99995673

DEPARTMENT OF ENVIRONMENTAL PROTECTION - STATE OF FLORIDA -

Permit Number

19-0426910-001-SFG

Water Resource Management

HORIZONTAL AND VERTICAL CONTROL

1. PROJECT IS BASED ON THE FLORIDA STATE PLANE COORDINATE SYSTEM NAD 1983/2011 HORIZONTAL DATUM.
2. BENCHMARK ELEVATIONS ARE BASED ON THE NORTH AMERICAN VERTICAL DATUM 1988 (NAVD88).
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CONTROL POINT	℄ STATION	OFFSET	ELEVATION (Z)	DESCRIPTION	NORTHING (Y)	EASTING (X)	LATITUDE	LONGITUDE	SCALE FACTOR
A26	283+01.70	19.27'	19.57'	5/8" REBAR W/ FDOT CONTROL CAP	339055.1758	1983052.7586	29°55'56.29466052"	84°27'14.60494893"	0.99995679
A27	292+39.32	-20.85'	18.61'	5/8" REBAR W/ FDOT CONTROL CAP	339223.5312	1983975.4035	29°55'57.95743253"	84°27'04.11808399"	0.99995676
BM20	299+21.74	-37.28'	16.41'	SS ROD FL DNR 872 8311C(AS0364)	339330	1984650	29°55'59.0"	84°26'56.5"	0.99995674
A28	302+26.40	-21.46'	14.86'	5/8" REBAR W/ FDOT CONTROL CAP	339355.3030	1984953.6513	29°55'59.25757562"	84°26'52.99936691"	0.99995673
49 99 C25V	310+50.19	-61.29'	11.10'	4"X 4" CONCRETE MONUMENT	339481	1985774	29°56'00.5"	84°26'43.7"	0.99995671
A29	312+07.77	-22.04'	13.66'	5/8" REBAR W/ FDOT CONTROL CAP	339441.9408	1985933.2791	29°56'00.11066326"	84°26'41.86513242"	0.99995672
49 99 C26V	321+39.45	-52.30'	21.52'	4"X 4" CONCRETE MONUMENT	339339	1986867	29°55'59.1"	84°26'31.3"	0.999956740
A30	321+44.12	-22.01'	18.80'	5/8" REBAR W/ FDOT CONTROL CAP	339308.6816	1986863.1669	29°55'58.78695363"	84°26'31.29742803"	0.999956740

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

ENGINEER OF RECORD
HEATHER W. REMICK, P.E.
LICENSE NUMBER 80458
GORTEMOLLER ENGINEERING, INC.
708 THOMAS DRIVE
PANAMA CITY BEACH, FL 32408

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 30	FRANKLIN	445759-1-52-01

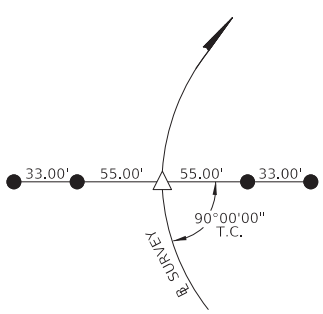
PROJECT CONTROL

SHEET NO. 23

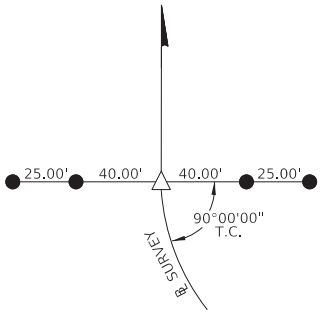
THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

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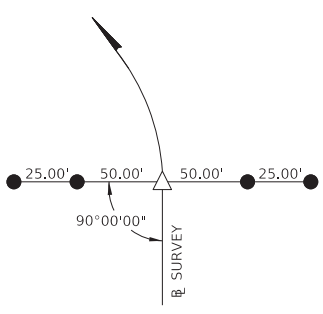
℄ REFERENCE POINTS (AL1)
(NOT TO SCALE)



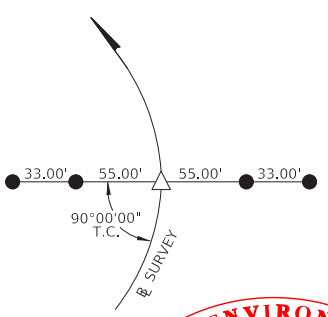
P.O.C. STA. 326+00.00
℄ SURVEY S.R. 30



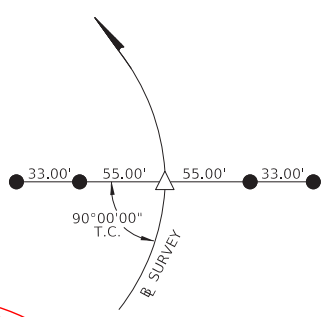
P.T. STA. 337+87.74
℄ SURVEY S.R. 30



P.C. STA. 340+86.37
℄ SURVEY S.R. 30



P.O.C. STA. 350+00.00
℄ SURVEY S.R. 30



P.O.C. STA. 361+00.00
℄ SURVEY S.R. 30

LEGEND

● = Set 5/8" rebar with red FDOT reference cap

○ = Found 5/8" rebar with yellow FDOT plastic cap

△ = Set mag nail with FDOT washer

℄ STATION	NORTHING (Y)	EASTING (X)	SCALE FACTOR
326+00.00	339142.1513	1987289.2333	0.99995677
337+87.74	338534.2544	1988304.0567	0.99995689
340+86.37	338342.9797	1988533.3853	0.99995693
350+00.00	337816.0817	1989278.5907	0.99995704
361+00.00	337348.5451	1990272.4164	0.99995713

DEPARTMENT OF ENVIRONMENTAL PROTECTION - STATE OF FLORIDA -

Permit Number

19-0426910-001-SFG

Water Resource Management

HORIZONTAL AND VERTICAL CONTROL

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CONTROL POINT	℄ STATION	OFFSET	ELEVATION (Z)	DESCRIPTION	NORTHING (Y)	EASTING (X)	LATITUDE	LONGITUDE	SCALE FACTOR
49 04 A07G	328+14.34	33.85'	19.37'	5/8" REBAR W/ FDOT CONTROL CAP	339026	1987471	29°55'56.0"	84°26'24.4"	0.99995680
A31	331+27.47	21.56'	19.55'	5/8" REBAR W/ FDOT CONTROL CAP	338892.6655	1987752.3076	29°55'54.66418001"	84°26'21.19461550"	0.99995682
49 99 C27V	332+00.87	-51.53'	22.27'	4"X 4" CONCRETE MONUMENT	338918	1987853	29°55'54.9"	84°26'20.1"	0.99995682
49 04 A08G	340+01.72	-36.36'	11.06'	5/8" REBAR W/ FDOT CONTROL CAP	338425	1988492	29°55'50.0"	84°26'12.8"	0.99995692
A32	341+03.19	-20.87'	11.10'	5/8" REBAR W/ FDOT CONTROL CAP	338348.2985	1988559.6350	29°55'49.27108008"	84°26'12.02265578"	0.99995693
49 99 C28V	342+45.87	-50.62'	11.52'	4"X 4" CONCRETE MONUMENT	338282	1988689	29°55'48.6"	84°26'10.6"	0.99995694
A33	350+82.08	18.89'	10.89'	5/8" REBAR W/ FDOT CONTROL CAP	337758.3089	1989340.0556	29°55'43.42633143"	84°26'03.15706252"	0.999957050
49 99 C29V	352+03.84	-47.93'	9.42'	4"X 4" CONCRETE MONUMENT	337757	1989479	29°55'43.4"	84°26'01.6"	0.999957050
A34	360+51.72	18.07'	11.84'	5/8" REBAR W/ FDOT CONTROL CAP	337348.0426	1990220.7985	29°55'39.35992108"	84°25'53.15040742"	0.999957130

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

ENGINEER OF RECORD
HEATHER W. REMICK, P.E.
LICENSE NUMBER 80458
GORTEMOLLER ENGINEERING, INC.
708 THOMAS DRIVE
PANAMA CITY BEACH, FL 32408

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 30	FRANKLIN	445759-1-52-01

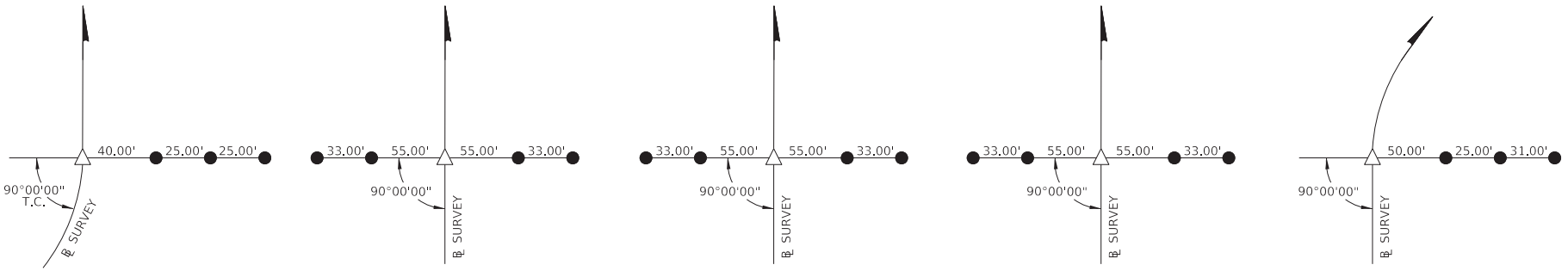
PROJECT CONTROL

SHEET NO. 24

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℄ REFERENCE POINTS (AL1)
(NOT TO SCALE)



P.T. STA. 368+50.85
℄ SURVEY S.R. 30

P.O.T. STA. 378+00.00
℄ SURVEY S.R. 30

P.O.T. STA. 388+00.00
℄ SURVEY S.R. 30

P.O.T. STA. 398+00.00
℄ SURVEY S.R. 30

P.O.T. STA. 408+48.84
℄ SURVEY S.R. 30

LEGEND

● = Set 5/8" rebar with red FDOT reference cap

○ = Found 5/8" rebar with yellow FDOT plastic cap

△ = Set mag nail with FDOT washer

℄ STATION	NORTHING (Y)	EASTING (X)	SCALE FACTOR
368+50.85	337142.4847	1990993.8791	0.99995717
378+00.00	336942.1329	1991921.6463	0.99995721
388+00.00	336731.0483	1992899.1141	0.99995725
398+00.00	336519.9637	1993876.5819	0.99995730
408+48.84	336298.5697	1994901.7892	0.99995734

DEPARTMENT OF ENVIRONMENTAL PROTECTION - STATE OF FLORIDA -

Permit Number

19-0426910-001-SFG

Water Resource Management

HORIZONTAL AND VERTICAL CONTROL

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CONTROL POINT	℄ STATION	OFFSET	ELEVATION (Z)	DESCRIPTION	NORTHING (Y)	EASTING (X)	LATITUDE	LONGITUDE	SCALE FACTOR
A35	370+37.91	20.90'	12.27'	5/8" REBAR W/ FDOT CONTROL CAP	337082.5666	1991172.3137	29°55'36.72615472"	84°25'42.33865290"	0.99995718
A36	380+21.27	20.80'	13.45'	5/8" REBAR W/ FDOT CONTROL CAP	336875.0952	1992133.5384	29°55'34.66627154"	84°25'31.41628277"	0.99995722
49 99 C32V	383+53.31	-48.04'	14.51'	4"X 4" CONCRETE MONUMENT	336872	1992473	29°55'34.6"	84°25'27.6"	0.99995722
A37	390+03.25	20.75'	13.96'	5/8" REBAR W/ FDOT CONTROL CAP	336667.8619	1993093.4010	29°55'32.60850125"	84°25'20.50951619"	0.99995727
A38	399+93.32	19.61'	8.45'	5/8" REBAR W/ FDOT CONTROL CAP	336459.9928	1994061.4062	29°55'30.54412754"	84°25'09.51034466"	0.99995731
A39	409+75.57	19.59'	8.31'	5/8" REBAR W/ FDOT CONTROL CAP	336250.1427	1995020.0541	29°55'28.45995486"	84°24'58.61765599"	0.99995735

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

ENGINEER OF RECORD
HEATHER W. REMICK, P.E.
LICENSE NUMBER 80458
GORTEMOLLER ENGINEERING, INC.
708 THOMAS DRIVE
PANAMA CITY BEACH, FL 32408

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 30	FRANKLIN	445759-1-52-01

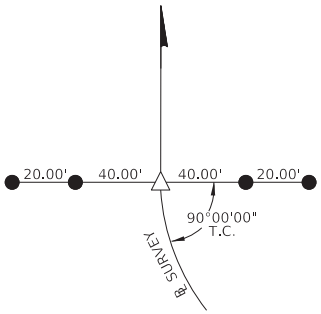
PROJECT CONTROL

SHEET NO. 25

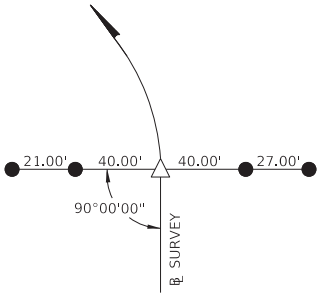
THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

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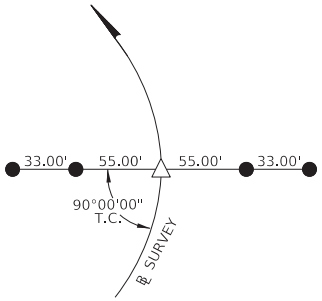
℄ REFERENCE POINTS (AL1)
(NOT TO SCALE)



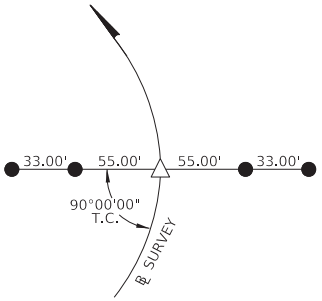
P.T. STA. 416+03.83
℄ SURVEY S.R. 30



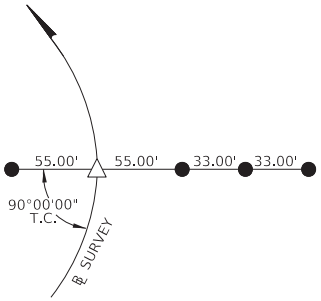
P.C. STA. 423+29.37
℄ SURVEY S.R. 30



P.O.C. STA. 433+00.00
℄ SURVEY S.R. 30



P.O.C. STA. 443+00.00
℄ SURVEY S.R. 30



P.C.C. STA. 453+00.00
℄ SURVEY S.R. 30

LEGEND

● = Set 5/8" rebar with red FDOT reference cap

○ = Found 5/8" rebar with yellow FDOT plastic cap

△ = Set mag nail with FDOT washer

℄ STATION	NORTHING (Y)	EASTING (X)	SCALE FACTOR
416+03.83	336044.3674	1995610.3793	0.99995739
423+29.37	335711.7743	1996255.1973	0.99995746
433+00.00	335439.9399	1997180.8748	0.99995752
443+00.00	335540.3963	1998169.3711	0.99995749
453+00.00	345477.9636	2004700.9863	0.99995559

DEPARTMENT OF ENVIRONMENTAL PROTECTION - STATE OF FLORIDA -

Permit Number

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Water Resource Management

HORIZONTAL AND VERTICAL CONTROL

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CONTROL POINT	℄ STATION	OFFSET	ELEVATION (Z)	DESCRIPTION	NORTHING (Y)	EASTING (X)	LATITUDE	LONGITUDE	SCALE FACTOR
A40	419+19.06	19.83'	8.48'	5/8" REBAR W/ FDOT CONTROL CAP	335882.2424	1995881.4433	29°55'24.81170401"	84°24'48.83172796"	0.99995742
49 99 C36V	424+26.48	52.87'	4.77'	4"X 4" CONCRETE MONUMENT	335621	1996320	29°55'22.2"	84°24'43.9"	0.99995748
A41	428+87.55	20.17'	9.94'	5/8" REBAR W/ FDOT CONTROL CAP	335492.5862	1996770.1150	29°55'20.94767415"	84°24'38.73615258"	0.99995750
A42	438+68.93	19.75'	9.98'	5/8" REBAR W/ FDOT CONTROL CAP	335429.8027	1997751.0691	29°55'20.31844054"	84°24'27.58909435"	0.99995752
BM21	444+08.85	53.08'	10.81'	12" DIA FLDNR DNR E(AS0367)	335524	1998290	29°55'21.3"	84°24'21.5"	0.99995750
49 99 C38V	444+88.42	-46.95'	10.19'	4"X 4" CONCRETE MONUMENT	335646	1998330	29°55'22.5"	84°24'21.0"	0.99995747
A43	448+49.55	19.97'	13.02'	5/8" REBAR W/ FDOT CONTROL CAP	335739.3693	1998683.1849	29°55'23.37528495"	84°24'16.99353945"	0.99995745
49 99 C39V	455+97.63	58.34'	16.76'	4"X 4" CONCRETE MONUMENT	336174	1999304	29°55'27.7"	84°24'09.9"	0.99995737
A44	457+82.55	20.01'	15.06'	5/8" REBAR W/ FDOT CONTROL CAP	336339.2855	1999400.4355	29°55'29.30792128"	84°24'08.83676204"	0.99995733

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

ENGINEER OF RECORD
HEATHER W. REMICK, P.E.
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PANAMA CITY BEACH, FL 32408

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 30	FRANKLIN	445759-1-52-01

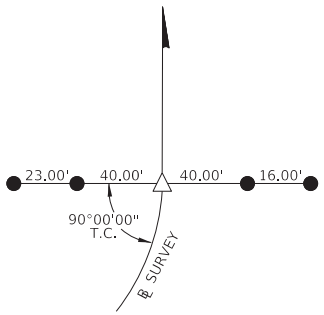
PROJECT CONTROL

SHEET NO. 26

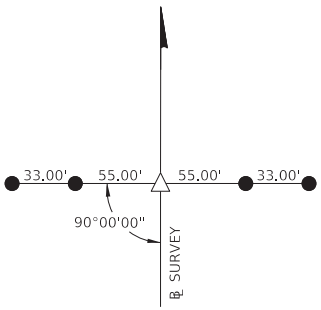
THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

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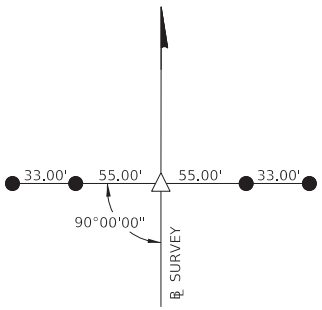
℄ REFERENCE POINTS (AL1)
(NOT TO SCALE)



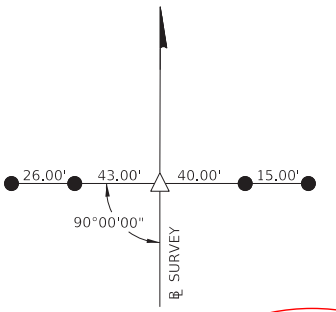
P.T. STA. 458+27.09
℄ SURVEY S.R. 30



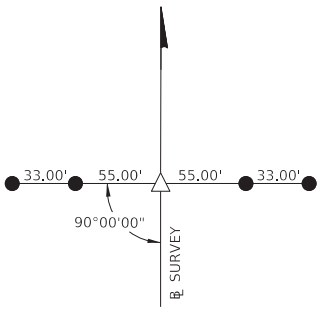
P.O.T. STA. 468+00.00
℄ SURVEY S.R. 30



P.O.T. STA. 478+00.00
℄ SURVEY S.R. 30



P.O.T. STA. 488+00.00
℄ SURVEY S.R. 30



P.O.T. STA. 498+00.00
℄ SURVEY S.R. 30

LEGEND

● = Set 5/8" rebar with red FDOT reference cap

○ = Found 5/8" rebar with yellow FDOT plastic cap

△ = Set mag nail with FDOT washer

℄ STATION	NORTHING (Y)	EASTING (X)	SCALE FACTOR
458+27.09	336386.6096	1999413.1020	0.99995732
468+00.00	337147.0585	2000019.9578	0.99995717
478+00.00	337928.6805	2000643.7102	0.99995702
488+00.00	338710.3024	2001267.4626	0.99995686
498+00.00	339491.9244	2001891.2150	0.99995671

DEPARTMENT OF ENVIRONMENTAL PROTECTION - STATE OF FLORIDA

Permit Number

19-0426910-001-SFG

Water Resource Management

HORIZONTAL AND VERTICAL CONTROL

1. PROJECT IS BASED ON THE FLORIDA STATE PLANE COORDINATE SYSTEM NAD 1983/2011 HORIZONTAL DATUM.
2. BENCHMARK ELEVATIONS ARE BASED ON THE NORTH AMERICAN VERTICAL DATUM 1988 (NAVD88).
3. INFORMATION FOR BENCHMARKS IS SHOWN TO THE NEAREST FOOT FOR COORDINATES & THE TENTH OF A SECOND FOR LATITUDE / LONGITUDE AND IS TO BE USED FOR RECON PURPOSES ONLY. SHOULD NOT BE USED FOR HORIZONTAL CONTROL.

CONTROL POINT	℄ STATION	OFFSET	ELEVATION (Z)	DESCRIPTION	NORTHING (Y)	EASTING (X)	LATITUDE	LONGITUDE	SCALE FACTOR
49 99 C40V	464+32.63	-48.98'	12.88'	4"X 4" CONCRETE MONUMENT	336890	1999753	29°55'34.8"	84°24'04.8"	0.99995722
A45	467+74.70	20.54'	12.96'	5/8" REBAR W/ FDOT CONTROL CAP	337114.4715	2000020.2335	29°55'36.97627459"	84°24'01.78547848"	0.99995718
A46	477+54.26	21.17'	14.67'	5/8" REBAR W/ FDOT CONTROL CAP	337879.7237	2000631.7305	29°55'44.54625841"	84°23'54.82833231"	0.99995702
A47	487+41.57	20.72'	16.02'	5/8" REBAR W/ FDOT CONTROL CAP	338651.7070	2001247.2108	29°55'52.18273439"	84°23'47.82555169"	0.99995687
A48	497+28.68	19.67'	17.04'	5/8" REBAR W/ FDOT CONTROL CAP	339423.9089	2001862.0971	29°55'59.82127437"	84°23'40.82922060"	0.99995672

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

ENGINEER OF RECORD

HEATHER W. REMICK, P.E.
LICENSE NUMBER 80458
GORTEMOLLER ENGINEERING, INC.
708 THOMAS DRIVE
PANAMA CITY BEACH, FL 32408

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 30	FRANKLIN	445759-1-52-01

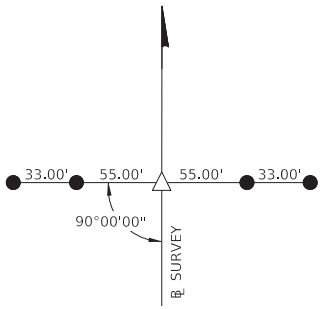
PROJECT CONTROL

SHEET NO. 27

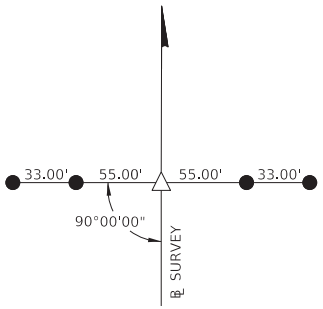
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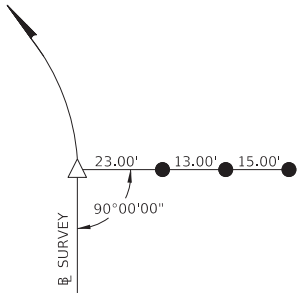
℄ REFERENCE POINTS (AL1)
(NOT TO SCALE)



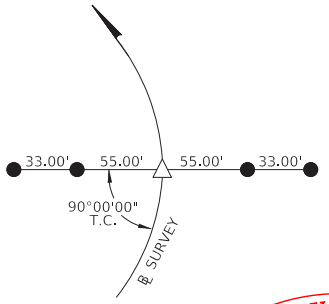
P.O.T. STA. 508+00.00
℄ SURVEY S.R. 30



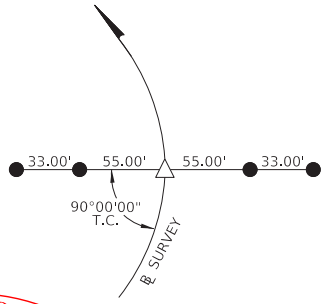
P.O.T. STA. 518+00.00
℄ SURVEY S.R. 30



P.C. STA. 522+11.06
℄ SURVEY S.R. 30



P.O.C. STA. 532+00.00
℄ SURVEY S.R. 30



P.O.C. STA. 542+00.00
℄ SURVEY S.R. 30

LEGEND

● = Set 5/8" rebar with red FDOT reference cap

○ = Found 5/8" rebar with yellow FDOT plastic cap

△ = Set mag nail with FDOT washer

℄ STATION	NORTHING (Y)	EASTING (X)	SCALE FACTOR
508+00.00	340273.5464	2002514.9675	0.99995656
518+00.00	341055.1684	2003138.7199	0.99995641
522+11.06	341376.4647	2003395.1218	0.99995635
532+00.00	342198.7095	2003942.3725	0.99995619
542+00.00	343113.2000	2004343.8337	0.99995602

DEPARTMENT OF ENVIRONMENTAL PROTECTION - STATE OF FLORIDA -

Permit Number

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Water Resource Management

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CONTROL POINT	℄ STATION	OFFSET	ELEVATION (Z)	DESCRIPTION	NORTHING (Y)	EASTING (X)	LATITUDE	LONGITUDE	SCALE FACTOR
A49	507+08.85	21.06'	13.29'	5/8" REBAR W/ FDOT CONTROL CAP	340189.1657	2002474.5714	29°56'07.39098135"	84°23'33.86007851"	0.99995657
49 99 C44V	508+32.23	45.20'	11.23'	4"X 4" CONCRETE MONUMENT	340271	2002570	29°56'08.2"	84°23'32.8"	0.99995656
A50	516+86.32	20.71'	11.78'	5/8" REBAR W/ FDOT CONTROL CAP	340953.4002	2003083.9996	29°56'14.95049299"	84°23'26.92527375"	0.99995643
A51	526+80.04	20.75'	11.53'	5/8" REBAR W/ FDOT CONTROL CAP	341743.0124	2003689.5493	29°56'22.76115514"	84°23'20.03397777"	0.99995628
49 99 C46V	529+91.14	-46.57'	10.95'	4"X 4" CONCRETE MONUMENT	342041	2003799	29°56'25.7"	84°23'18.8"	0.99995622
A52	536+60.24	18.70'	11.70'	5/8" REBAR W/ FDOT CONTROL CAP	342603.2000	2004164.0276	29°56'31.27163187"	84°23'14.63138351"	0.99995611
A53	545+39.03	-19.99'	8.97'	5/8" REBAR W/ FDOT CONTROL CAP	343442.6378	2004423.6954	29°56'39.57876240"	84°23'11.67042724"	0.99995596

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

ENGINEER OF RECORD

HEATHER W. REMICK, P.E.
LICENSE NUMBER 80458
GORTEMOLLER ENGINEERING, INC.
708 THOMAS DRIVE
PANAMA CITY BEACH, FL 32408

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 30	FRANKLIN	445759-1-52-01

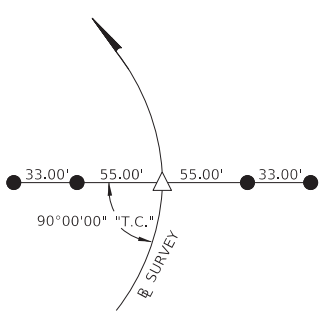
PROJECT CONTROL

SHEET NO. 28

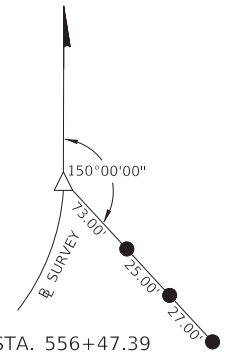
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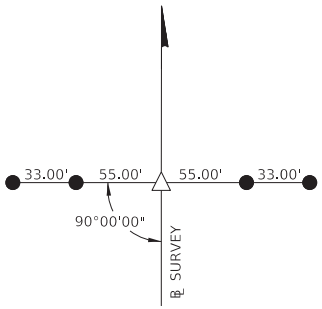
℄ REFERENCE POINTS (AL1)
(NOT TO SCALE)



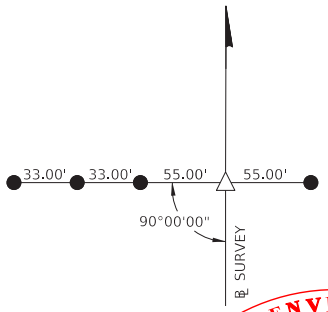
P.O.C. STA. 552+00.00
℄ SURVEY S.R. 30



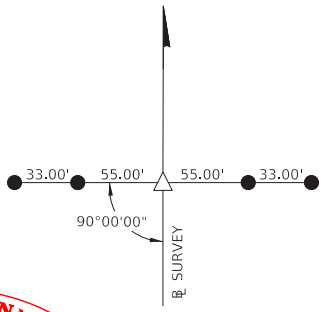
P.T. STA. 556+47.39
℄ SURVEY S.R. 30



P.O.T. STA. 566+00.00
℄ SURVEY S.R. 30



P.O.T. STA. 576+00.00
℄ SURVEY S.R. 30



P.O.T. STA. 586+00.00
℄ SURVEY S.R. 30

LEGEND

● = Set 5/8" rebar with red FDOT reference cap
○ = Found 5/8" rebar with yellow FDOT plastic cap
△ = Set mag nail with FDOT washer

℄ STATION	NORTHING (Y)	EASTING (X)	SCALE FACTOR
552+00.00	344083.5099	2004580.3984	0.99995584
556+47.39	344527.9461	2004630.7583	0.99995576
566+00.00	345477.9636	2004700.9863	0.99995559
576+00.00	346475.2425	2004774.7080	0.99995541
586+00.00	347472.5213	2004848.4296	0.99995523

DEPARTMENT OF ENVIRONMENTAL PROTECTION - STATE OF FLORIDA -

Permit Number

19-0426910-001-SFG

Water Resource Management

HORIZONTAL AND VERTICAL CONTROL

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CONTROL POINT	℄ STATION	OFFSET	ELEVATION (Z)	DESCRIPTION	NORTHING (Y)	EASTING (X)	LATITUDE	LONGITUDE	SCALE FACTOR
49 99 C48V	550+53.33	-51.93'	10.07'	4"X 4" CONCRETE MONUMENT	343948	2004505	29°56'44.6"	84°23'10.7"	0.99995586
A54	555+52.80	18.24'	10.29'	5/8" REBAR W/ FDOT CONTROL CAP	344432.0289	2004641.1683	29°56'49.37069320"	84°23'09.18724991"	0.99995578
A55	564+92.22	19.31'	8.33'	5/8" REBAR W/ FDOT CONTROL CAP	345369.0538	2004712.2938	29°56'58.64568649"	84°23'08.36809302"	0.99995560
A56	574+66.58	-19.94'	8.53'	5/8" REBAR W/ FDOT CONTROL CAP	346343.6527	2004744.9827	29°57'08.29300692"	84°23'07.98539193"	0.99995543
49 99 C51V	583+45.69	-49.80'	11.32'	4"X 4" CONCRETE MONUMENT	347223	2004780	29°57'17.0"	84°23'07.6"	0.99995527
A57	584+47.95	18.93'	9.35'	5/8" REBAR W/ FDOT CONTROL CAP	347319.4809	2004856.1014	29°57'17.95171285"	84°23'06.71108240"	0.99995526

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

ENGINEER OF RECORD
HEATHER W. REMICK, P.E.
LICENSE NUMBER 80458
GORTEMOLLER ENGINEERING, INC.
708 THOMAS DRIVE
PANAMA CITY BEACH, FL 32408

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 30	FRANKLIN	445759-1-52-01

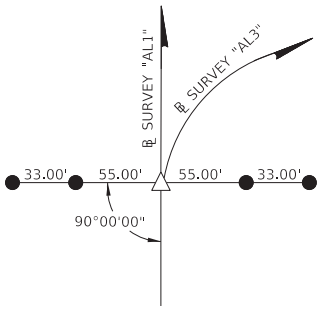
PROJECT CONTROL

SHEET NO. 29

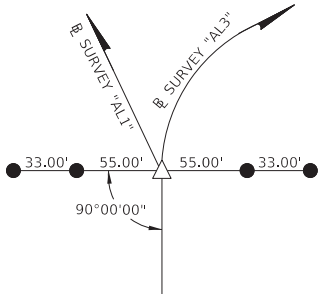
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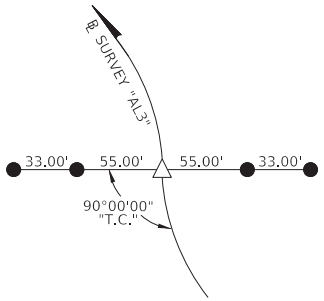
℄ REFERENCE POINTS (AL1 & AL3)
(NOT TO SCALE)



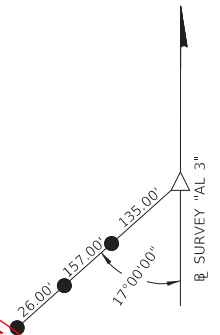
P.O.T. STA. 596+02.38
℄ SURVEY S.R. 30 "AL1"



P.C. STA. 596+02.38
℄ SURVEY S.R. 30 "AL3"



P.R.C. STA. 602+87.99
℄ SURVEY S.R. 30 "AL3"



E.O.S. P.T. STA. 607+16.89
℄ SURVEY S.R. 30 "AL3"

LEGEND

- ● = Set 5/8" rebar with red FDOT reference cap
- ○ = Found 5/8" rebar with yellow FDOT plastic cap
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℄ STATION	NORTHING (Y)	EASTING (X)	SCALE FACTOR
596+02.38	348472.1701	2004922.3265	0.99995505
602+87.99	349153.9972	2004993.2891	0.99995494
607+16.89	349580.0407	2005042.4600	0.99995486

DEPARTMENT OF ENVIRONMENTAL PROTECTION - STATE OF FLORIDA

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Water Resource Management

HORIZONTAL AND VERTICAL CONTROL

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CONTROL POINT	℄ STATION	OFFSET	ELEVATION (Z)	DESCRIPTION	NORTHING (Y)	EASTING (X)	LATITUDE	LONGITUDE	SCALE FACTOR
A58	594+27.91 (AL1-SR30)	18.72'	9.58'	5/8" REBAR W/ FDOT CONTROL CAP	348296.7948	2004928.1377	29°57'27.62551068"	84°23'05.88097959"	0.99995508
49 04 A09G	604+15.36 (AL3-SR30)	-24.17'	16.19'	NAIL AND DISK	349283.2775	2004985.5707	29°57'37.39021358"	84°23'05.21674280"	0.99995491
49 99 C53V	607+16.98 (AL3-SR30)	24.34'	21.04'	NAIL AND DISK	349578	2005067	29°57'40.3"	84°23'04.3"	0.99995486

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

ENGINEER OF RECORD
HEATHER W. REMICK, P.E.
LICENSE NUMBER 80458
GORTEMOLLER ENGINEERING, INC.
708 THOMAS DRIVE
PANAMA CITY BEACH, FL 32408

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 30	FRANKLIN	445759-1-52-01

PROJECT CONTROL

SHEET NO. 30

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PROJECT NOTES

1. BENCHMARK ELEVATIONS SHOWN ON THE PLANS ARE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 88).

2. ALL SURVEY INFORMATION WAS OBTAINED FROM A LICENSED FLORIDA PROFESSIONAL SURVEYOR AND MAPPER AND UTILIZED AS SUPPORTING DATA IN THE PRODUCTION OF DESIGN PLANS AND FOR CONSTRUCTION ON SUBJECT PROJECT. THE PROFESSIONAL SURVEYOR AND MAPPER OF RECORD IS:

   STEVEN LEE ANDERSON JR., P.S.M.
   P.S.M. NO.: 6746
   SOUTHEASTERN SURVEYING AND MAPPING CORPORATION
   1130 HIGHWAY 90
   CHIPLEY, FL 32428
   (850) 638-0790 EXT. 3222
   CERT. OF AUTHORIZATION: LB2108

3. THE LOCATION(S) OF THE UTILITIES SHOWN IN THE PLANS (INCLUDING THOSE DESIGNATED Vv, Vh, AND Vvh) ARE BASED ON LIMITED INVESTIGATION TECHNIQUES AND SHOULD BE CONSIDERED APPROXIMATE ONLY. THE VERIFIED LOCATIONS/ELEVATIONS APPLY ONLY AT THE POINTS SHOWN. INTERPOLATIONS BETWEEN THESE POINTS HAVE NOT BEEN VERIFIED.

4. UTILITY/AGENCY OWNERS

COMPANY CONTACT TELEPHONE NUMBER		
CONSOLIDATED COMMUNICATIONS (SJT308)	TRAVIS BURGE	850-229-7338
DUKE ENERGY (SUB AQUEOUS PE1372) (ELECTRIC)	STEPHANIE OLMO	407-905-3376
DUKE ENERGY (PE1371) (ELECTRIC)	STEPHANIE OLMO	407-905-3376
DUKE ENERGY (PE1741) (FIBER)	MARK HURST	727-820-5208
MEDIACOM (MDC933)	PAUL PITTS	845-913-6499
ST JAMES ISLAND UTILITY COMPANY (SJ1833)	LARRY FLETCHER	850-402-5141
UNITI FIBER LLC (SL2333)	JOHN HALLEY	251-753-8695

5. THE R/W SHOWN IN THE PLANS IS BASED ON R/W MAPS AND IS APPROXIMATE.

6. STAGING AND STORAGE AREAS ARE TO BE APPROVED BY THE DISTRICT ENVIRONMENTAL MANAGEMENT OFFICE PRIOR TO USE.

7. PAY ITEM 0570 1 2 PERFORMANCE TURF, SOD - SEASHORE PASPALUM SOD SHALL BE USED AT THE FOLLOWING LOCATIONS:

   STA. 413+88.76, 60.33' RT - STA. 415+18.13, 59.38' RT
   STA. 419+33.25, 48.11' RT - STA. 420+00.00, 58.71' RT
   STA. 428+27.60, 52.40' RT - STA. 429+12.92, 51.51' RT
   STA. 430+03.28, 52.94' RT - STA. 431+53.14, 54.43' RT
   STA. 432+67.88, 49.42' RT - STA. 433+00.00, 61.22' RT

DEPARTMENT OF ENVIRONMENTAL PROTECTION - STATE OF FLORIDA -

Permit Number

19-0426910-001-SFG

Water Resource Management

SUMMARY OF FLOOD DATA
FINANCIAL PROJECT ID 445759-1-52-01

DATE: 01/31/22

STRUCTURE NO.	STATION	DESIGN FLOOD		BASE FLOOD		OVERTOPPING FLOOD				GREATEST FLOOD			
		2% PROB	50 YR FREQ	1% PROB	100 YR FREQ								
		DISCHARGE	STAGE	DISCHARGE	STAGE	DISCHARGE	STAGE	PROB %	FREQ YR	DISCHARGE	STAGE	PROB %	FREQ YR
DS-1	544+66.05 (℄ SURVEY SR 30 / SR 377)	26.50	24.00	31.27	25.13	34.52	26.00	0.6	166				

NOTE: THE HYDRAULIC DATA IS SHOWN FOR INFORMATIONAL PURPOSES ONLY, TO INDICATE THE FLOOD DISCHARGES AND WATER SURFACE ELEVATIONS WHICH MAY BE ANTICIPATED IN ANY GIVEN YEAR. THIS DATA WAS GENERATED USING HIGHLY VARIABLE FACTORS DETERMINED BY A STUDY OF THE WATERSHED. MANY JUDGEMENTS AND ASSUMPTIONS ARE REQUIRED TO ESTABLISH THESE FACTORS. THE RESULTANT HYDRAULIC DATA IS SENSITIVE TO CHANGES, PARTICULARLY OF ANTECEDENT CONDITIONS, URBANIZATION, CHANNELIZATION, AND LAND USE. USERS OF THIS DATA ARE CAUTIONED AGAINST THE ASSUMPTION OF PRECISION WHICH CAN NOT BE ATTAINED. DISCHARGES ARE IN CUBIC FEET PER SECOND (CFS) AND STAGES ARE IN FEET, NAVD 88.

DEFINITIONS:

DESIGN FLOOD:	UTILIZED TO ASSURE A STANDARD LEVEL OF HYDRAULIC PERFORMANCE.
BASE FLOOD:	HAS A 1% CHANCE OF BEING EXCEEDED IN ANY YEAR (100 YR. FREQUENCY).
OVERTOPPING FLOOD:	CAUSES FLOW OVER THE HIGHWAY, OVER A WATERSHED DIVIDE OR THRU EMERGENCY RELIEF STRUCTURES.
GREATEST FLOOD:	THE MOST SEVERE THAT CAN BE PREDICTED WHERE OVERTOPPING IS NOT PRACTICABLE.

PREPARED BY: BLAKE R. FURBEE, P.E.
01/31/22

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

ENGINEER OF RECORD
HEATHER W. REMICK, P.E.
LICENSE NUMBER 80458
GORTEMOLLER ENGINEERING, INC.
708 THOMAS DRIVE
PANAMA CITY BEACH, FL 32408

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

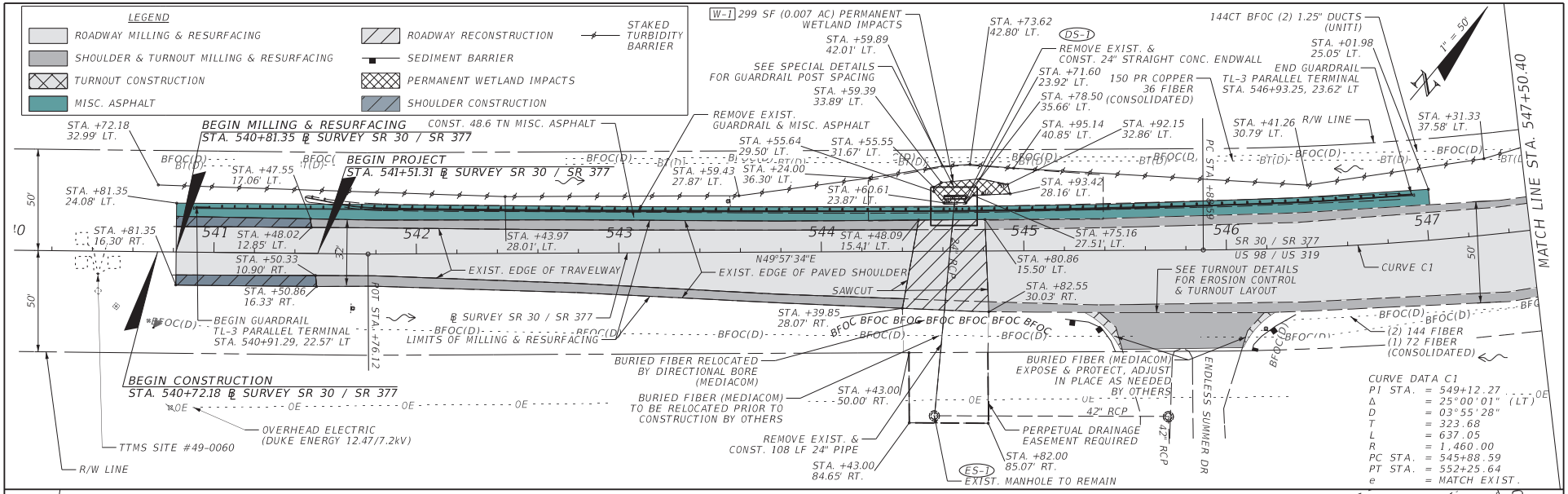
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 30	FRANKLIN	445759-1-52-01

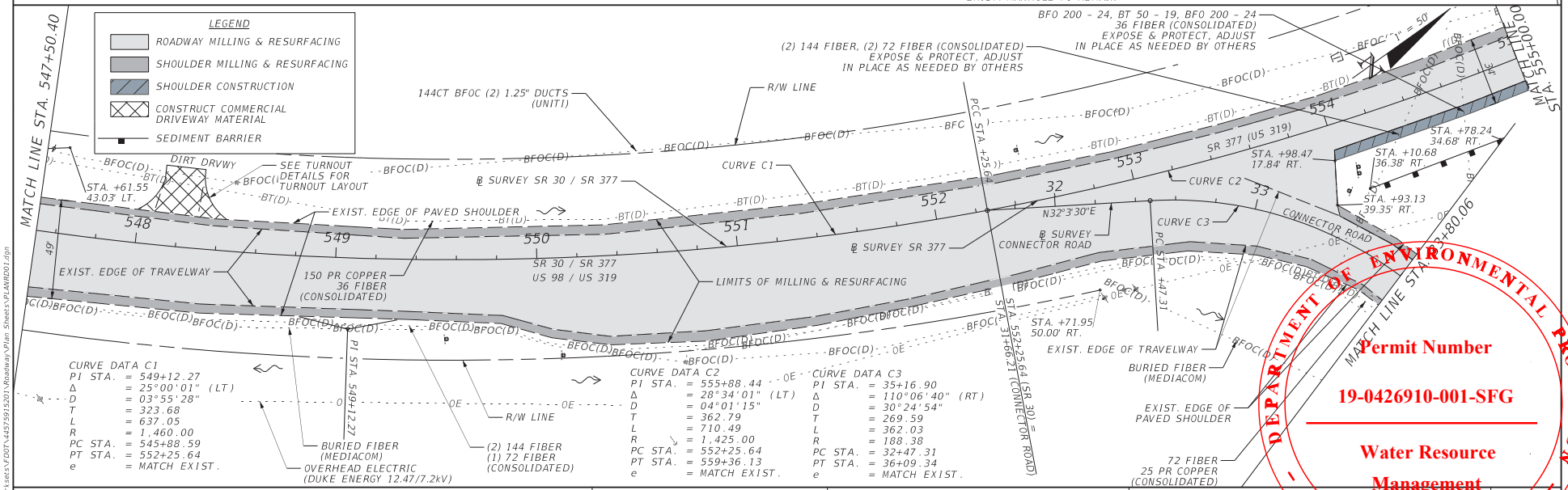
GENERAL NOTES

SHEET NO. 31

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Permit Number
19-0426910-001-SFG
Water Resource Management

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REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

ENGINEER OF RECORD
HEATHER W. REMICK, P.E.
LICENSE NUMBER 80458
GORTEMOLLER ENGINEERING, INC.
708 THOMAS DRIVE
PANAMA CITY BEACH, FL 32408

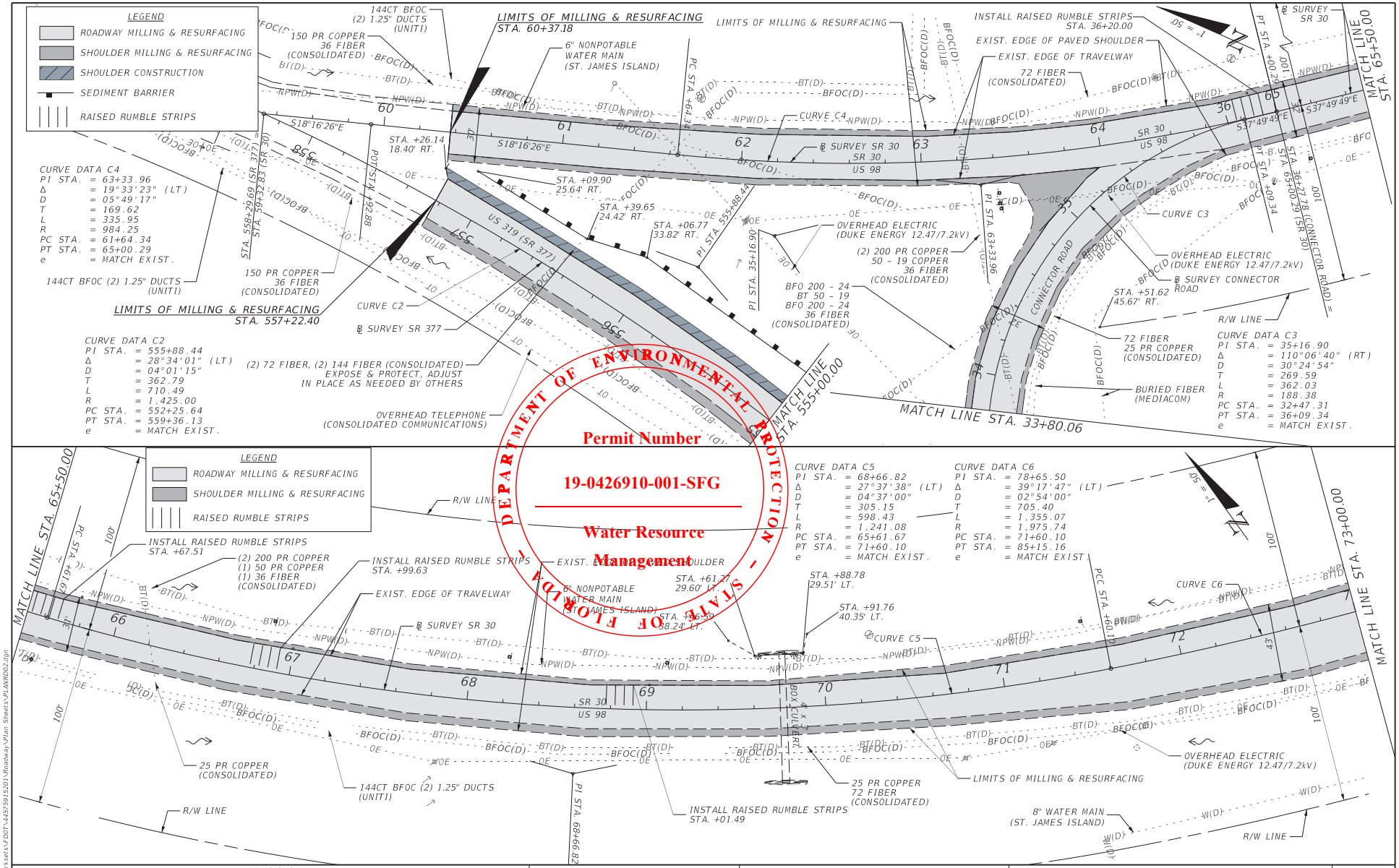
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 30	FRANKLIN	445759-1-52-01

ROADWAY PLAN

SHEET NO. 32

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DEPARTMENT OF ENVIRONMENTAL PROTECTION - STATE OF FLORIDA

Permit Number

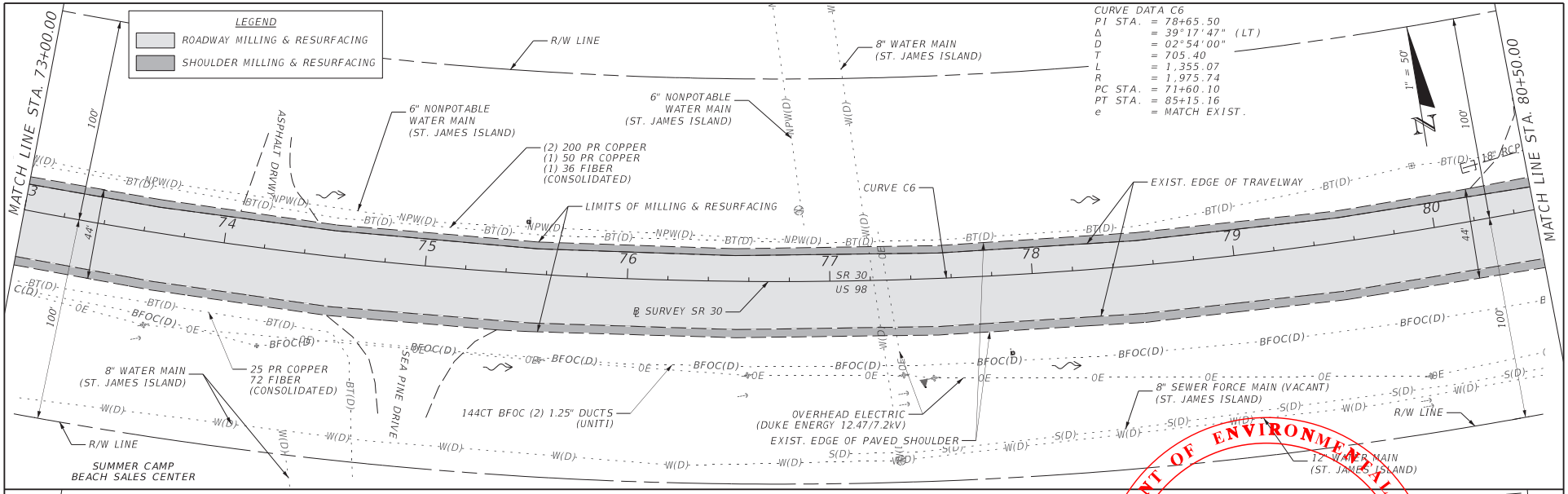
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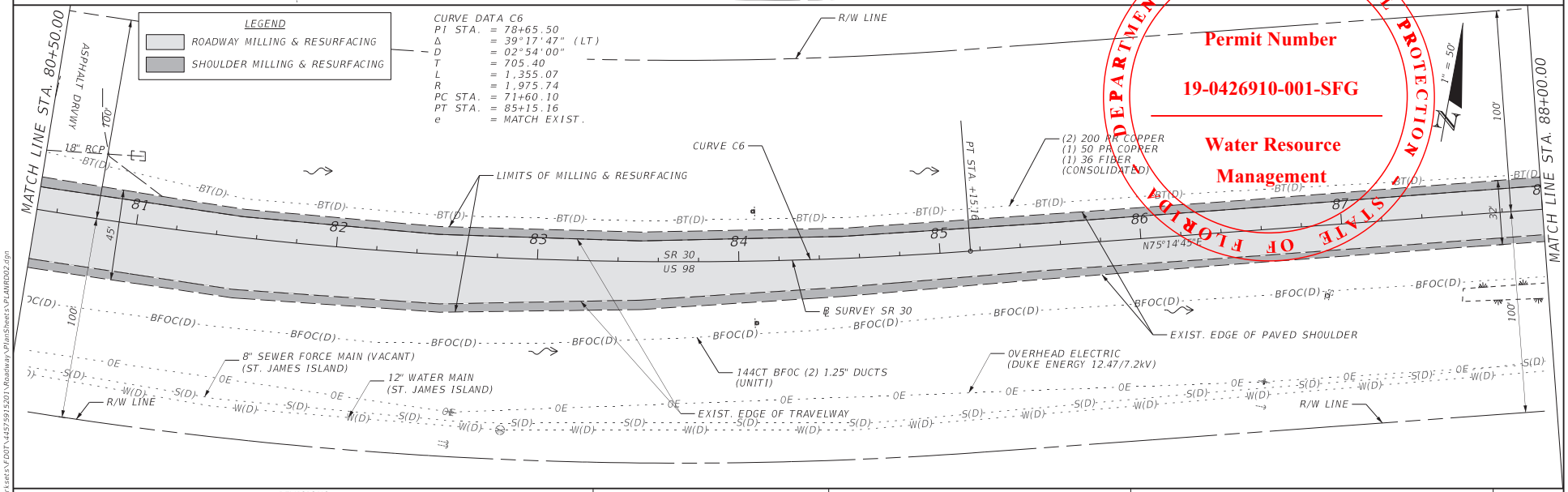
Water Resource Management

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REVISIONS				ENGINEER OF RECORD	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			ROADWAY PLAN	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	HEATHER W. REMICK, P.E. LICENSE NUMBER 80458 GORTEMOLLER ENGINEERING, INC. 708 THOMAS DRIVE PANAMA CITY BEACH, FL 32408	ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
					SR 30	FRANKLIN	445759-1-52-01		33





DEPARTMENT OF ENVIRONMENTAL PROTECTION
STATE OF FLORIDA

Permit Number

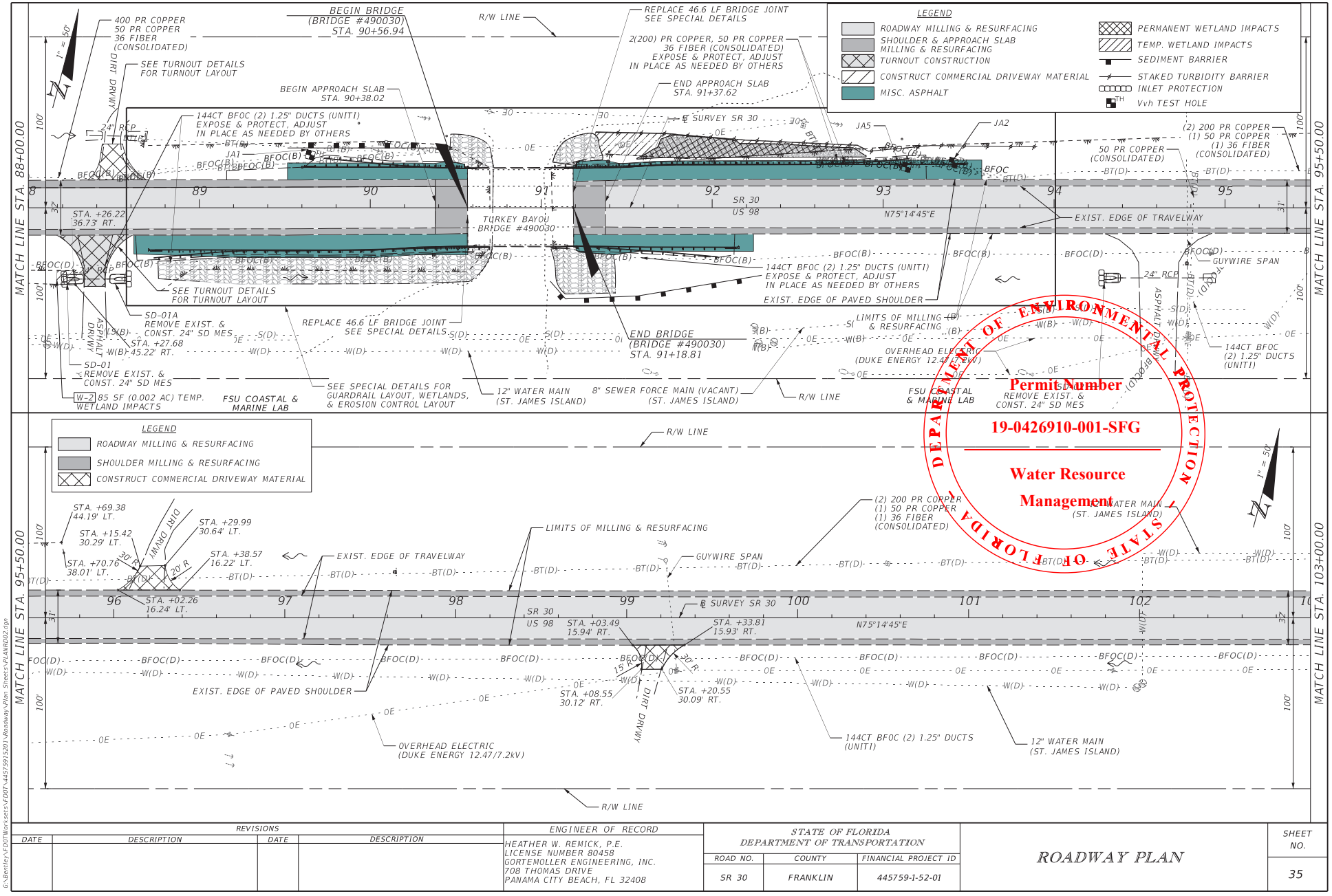
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Water Resource Management

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REVISIONS				ENGINEER OF RECORD	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			ROADWAY PLAN	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	HEATHER W. REMICK, P.E. LICENSE NUMBER 80458 GORTEMOLLER ENGINEERING, INC. 708 THOMAS DRIVE PANAMA CITY BEACH, FL 32408	ROAD NO.	COUNTY	FINANCIAL PROJECT ID		34
					SR 30	FRANKLIN	445759-1-52-01		

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REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

ENGINEER OF RECORD

HEATHER W. REMICK, P.E.
LICENSE NUMBER 80458
GORTEMOLLER ENGINEERING, INC.
708 THOMAS DRIVE
PANAMA CITY BEACH, FL 32408

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

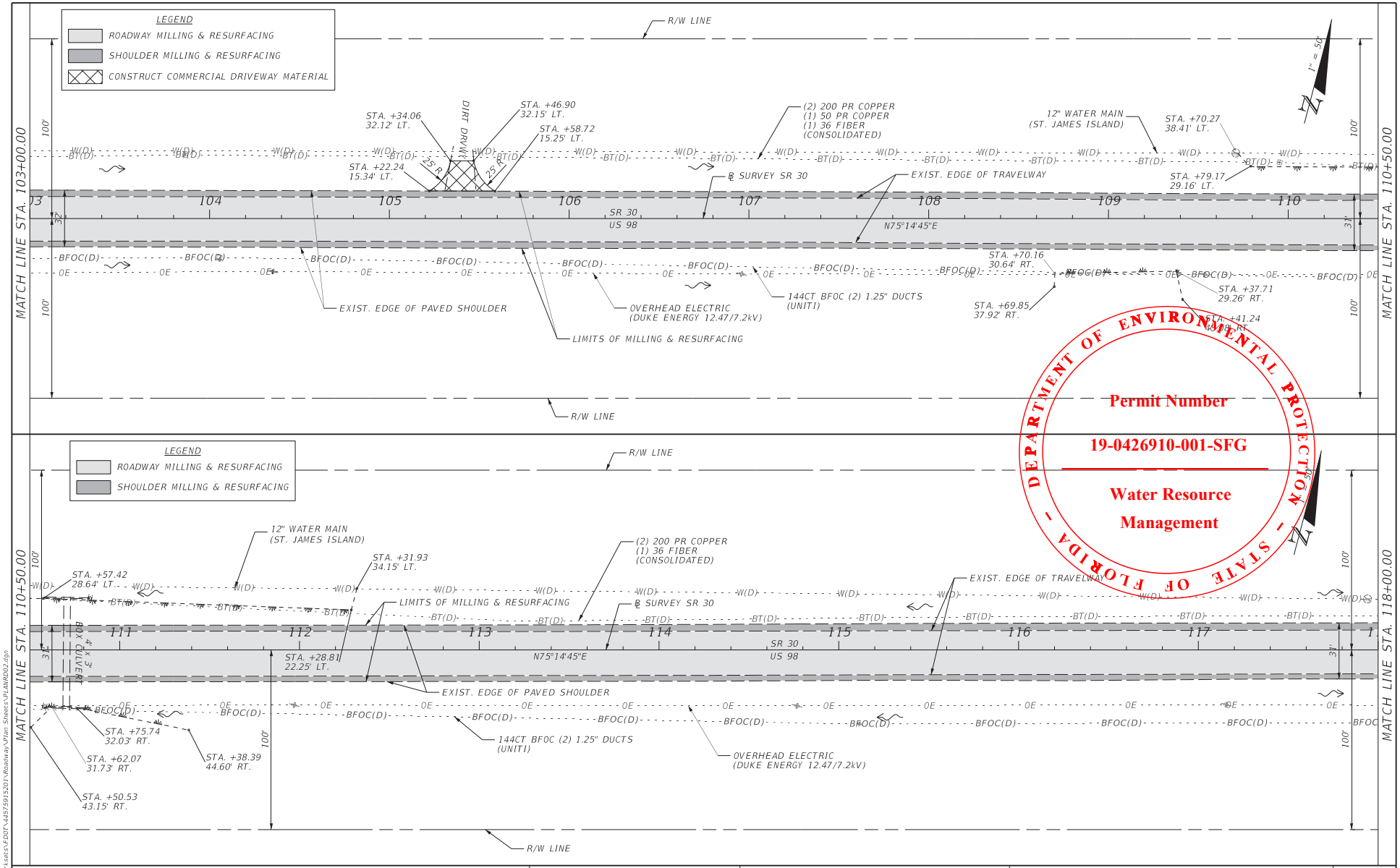
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 30	FRANKLIN	445759-1-52-01

ROADWAY PLAN

SHEET NO. 35

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Permit Number

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Water Resource Management

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REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

ENGINEER OF RECORD

HEATHER W. REMICK, P.E.
LICENSE NUMBER 80458
GORTEMOLLER ENGINEERING, INC.
708 THOMAS DRIVE
PANAMA CITY BEACH, FL 32408

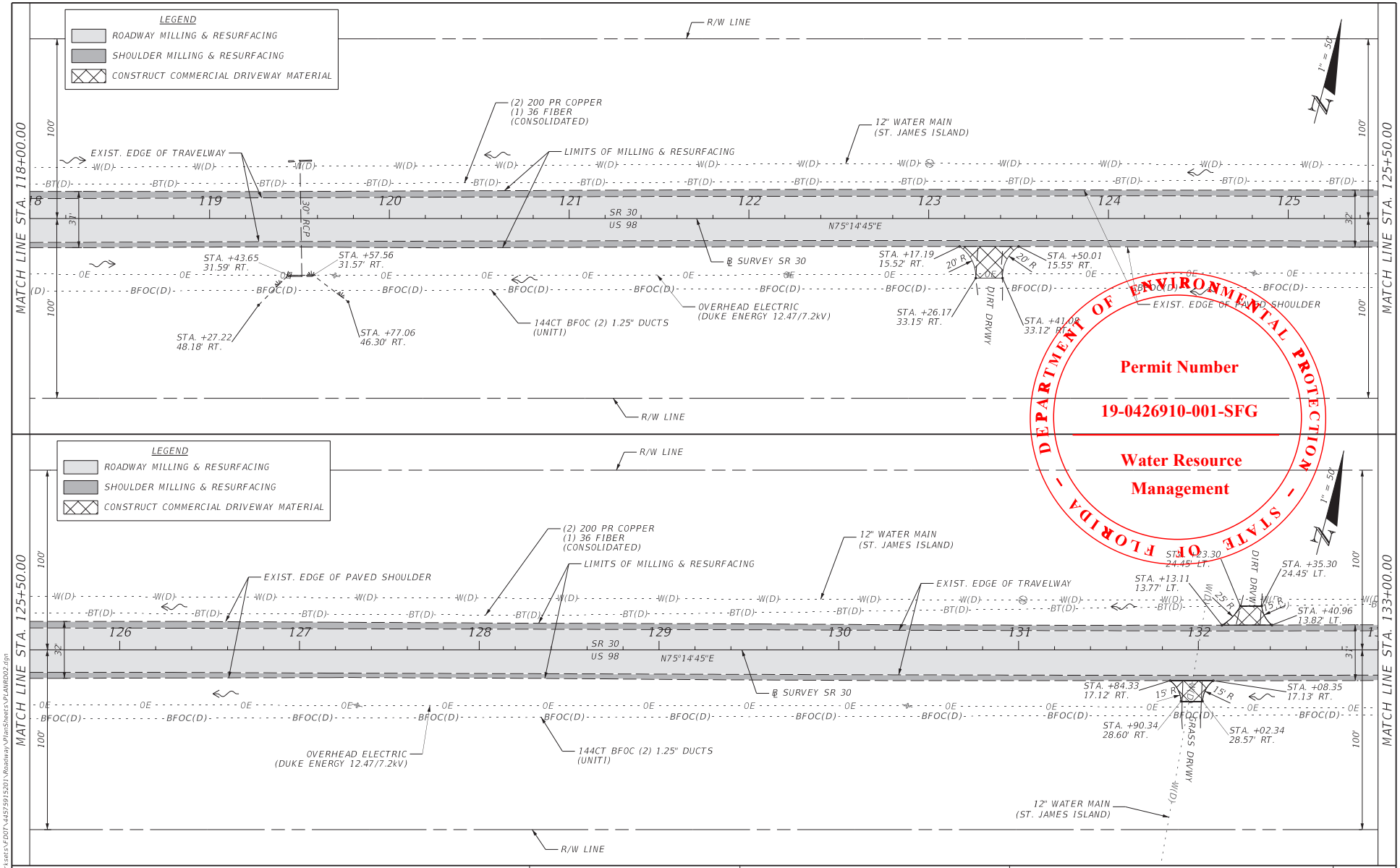
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 30	FRANKLIN	445759-1-52-01

ROADWAY PLAN

SHEET NO. 36

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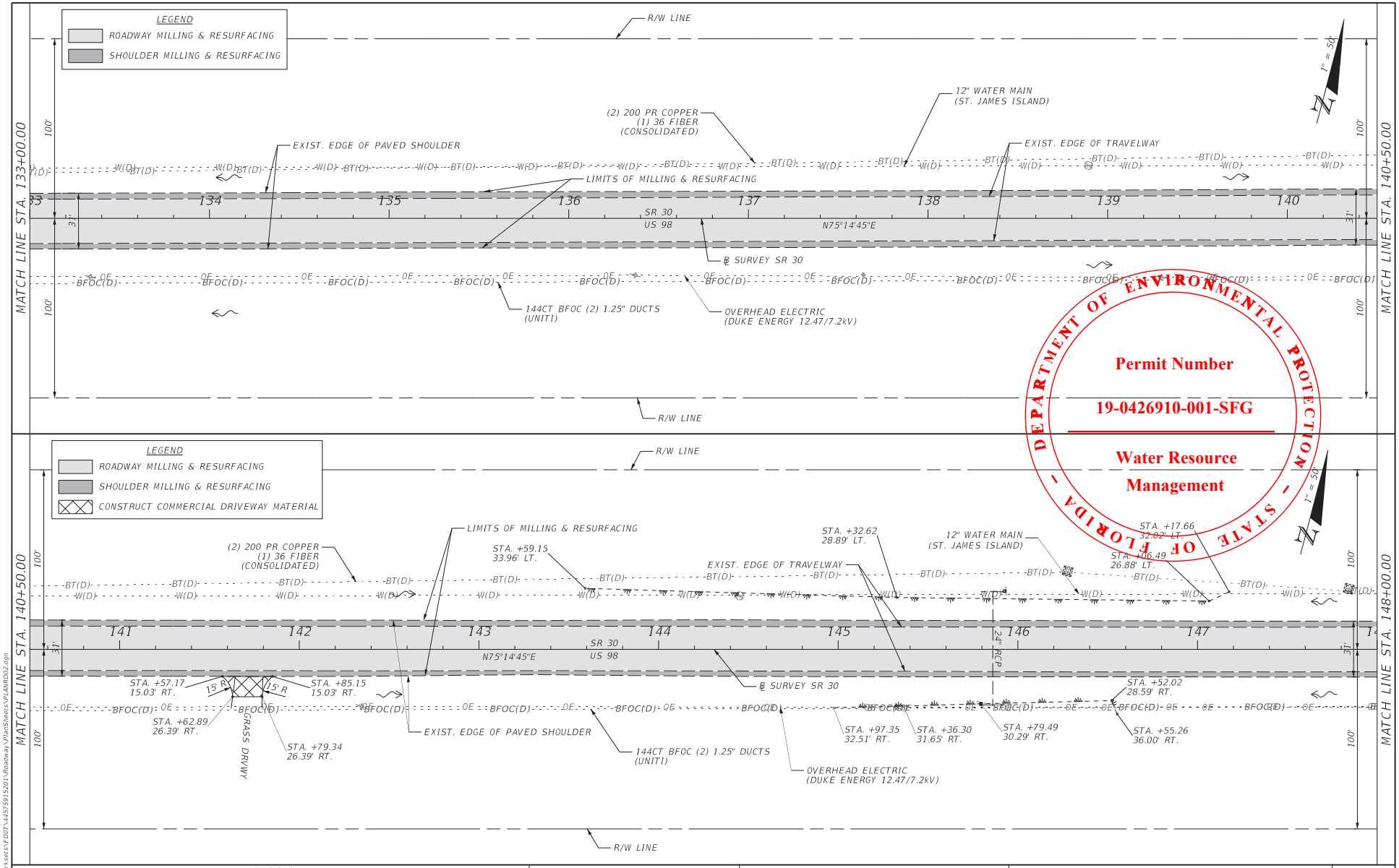


DEPARTMENT OF ENVIRONMENTAL PROTECTION - STATE OF FLORIDA -
Permit Number
19-0426910-001-SFG
Water Resource Management

REVISIONS				ENGINEER OF RECORD	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			ROADWAY PLAN	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	HEATHER W. REMICK, P.E. LICENSE NUMBER 80458 GORTEMOLLER ENGINEERING, INC. 708 THOMAS DRIVE PANAMA CITY BEACH, FL 32408	ROAD NO.	COUNTY	FINANCIAL PROJECT ID		37
					SR 30	FRANKLIN	445759-1-52-01		

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Permit Number

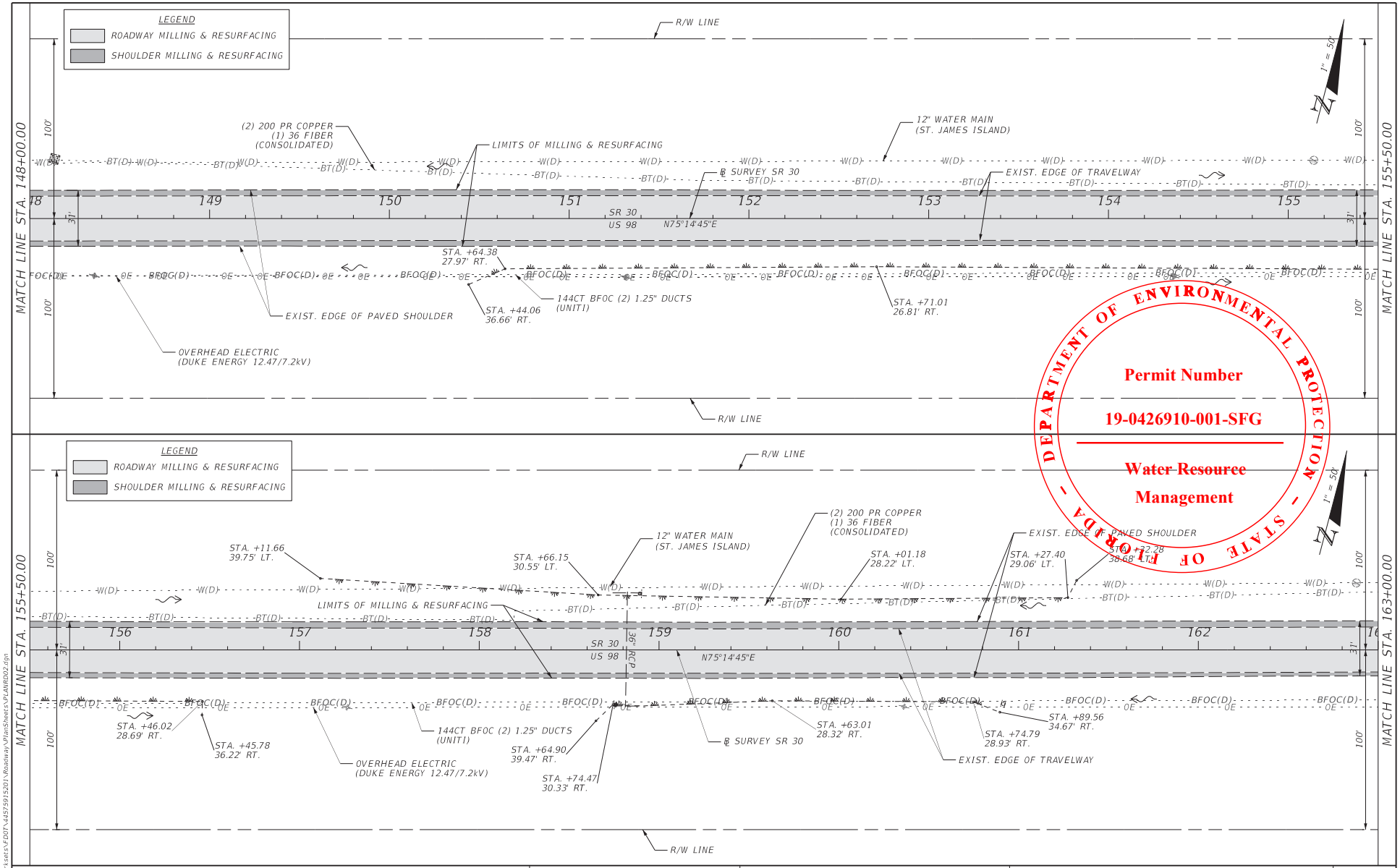
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Water Resource Management

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REVISIONS				ENGINEER OF RECORD	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			ROADWAY PLAN	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	HEATHER W. REMICK, P.E. LICENSE NUMBER 80458 GORTEMOLLER ENGINEERING, INC. 708 THOMAS DRIVE PANAMA CITY BEACH, FL 32408	ROAD NO.	COUNTY	FINANCIAL PROJECT ID		38
					SR 30	FRANKLIN	445759-1-52-01		

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Permit Number

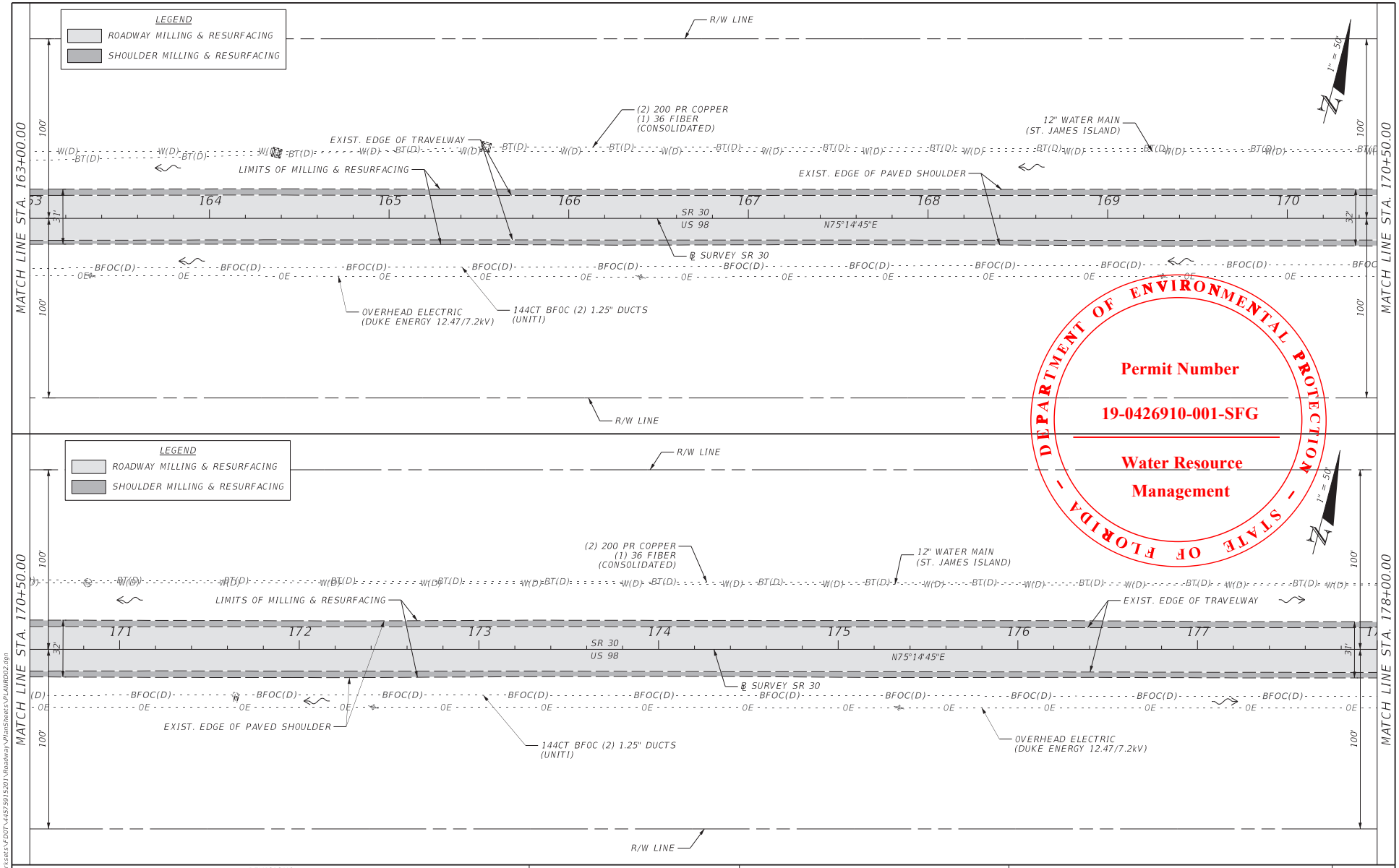
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~~Water Resource~~
Management

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REVISIONS				ENGINEER OF RECORD	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			ROADWAY PLAN	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	HEATHER W. REMICK, P.E. LICENSE NUMBER 80458 GORTEMOLLER ENGINEERING, INC. 708 THOMAS DRIVE PANAMA CITY BEACH, FL 32408	ROAD NO.	COUNTY	FINANCIAL PROJECT ID		39
					SR 30	FRANKLIN	445759-1-52-01		

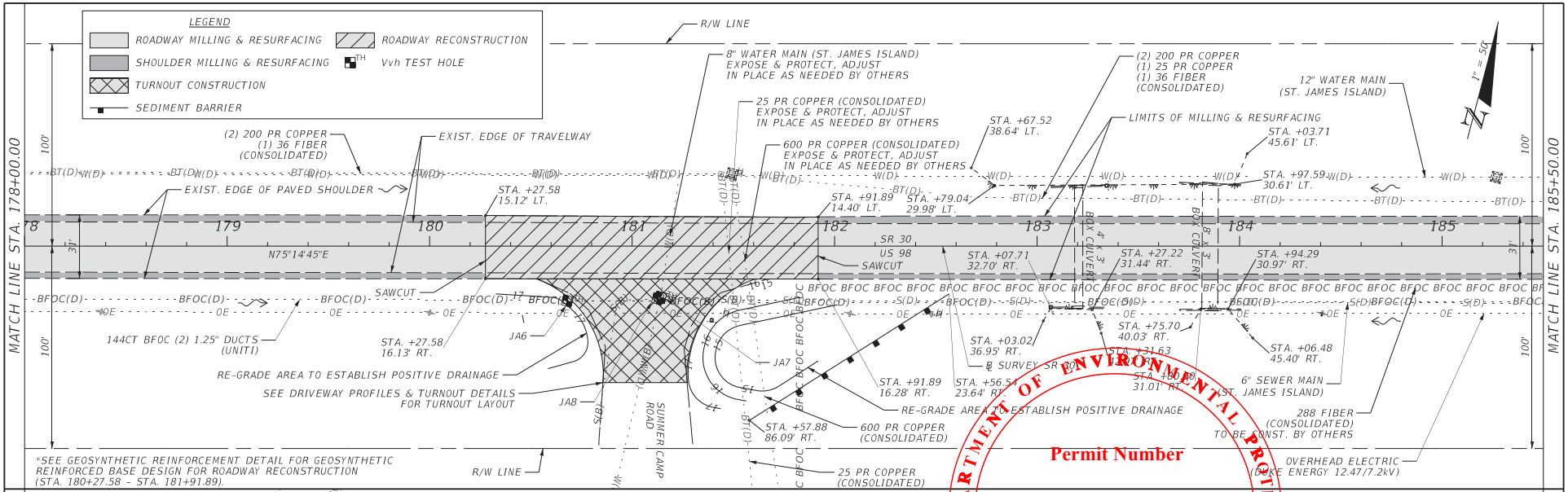
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REVISIONS				ENGINEER OF RECORD	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			ROADWAY PLAN	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	HEATHER W. REMICK, P.E. LICENSE NUMBER 80458 GORTEMOLLER ENGINEERING, INC. 708 THOMAS DRIVE PANAMA CITY BEACH, FL 32408	ROAD NO.	COUNTY	FINANCIAL PROJECT ID		40
					SR 30	FRANKLIN	445759-1-52-01		

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DEPARTMENT OF ENVIRONMENTAL PROTECTION – STATE OF FLORIDA

Permit Number

19-0426910-001-SFG

Water Resource Management

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

ENGINEER OF RECORD
HEATHER W. REMICK, P.E. LICENSE NUMBER 80458 GORTEMOLLER ENGINEERING, INC. 708 THOMAS DRIVE PANAMA CITY BEACH, FL 32408

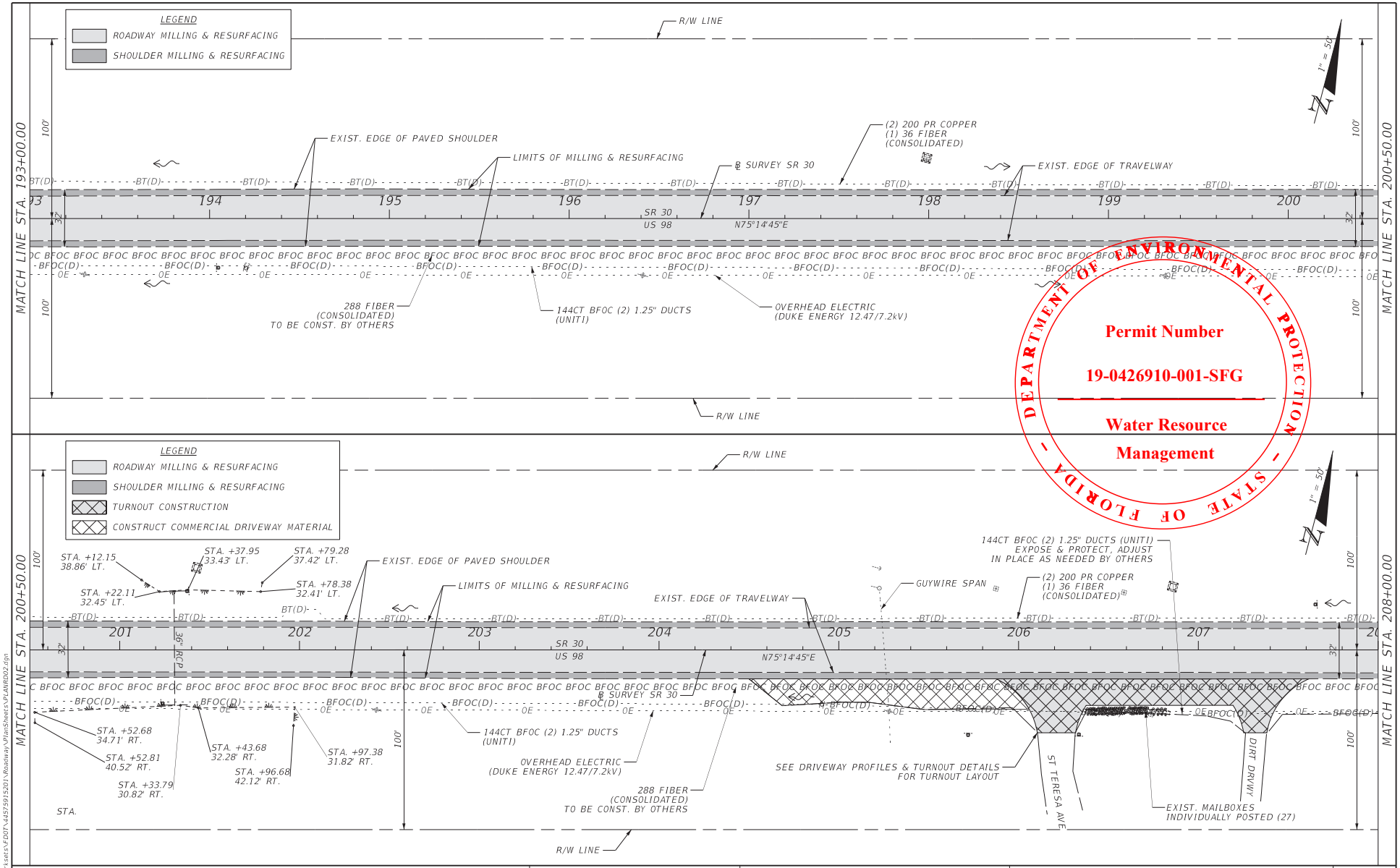
STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 30	FRANKLIN	445759-1-52-01

ROADWAY PLAN

SHEET NO. 41

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DEPARTMENT OF ENVIRONMENTAL PROTECTION - STATE OF FLORIDA -

Permit Number

19-0426910-001-SFG

Water Resource Management

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REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

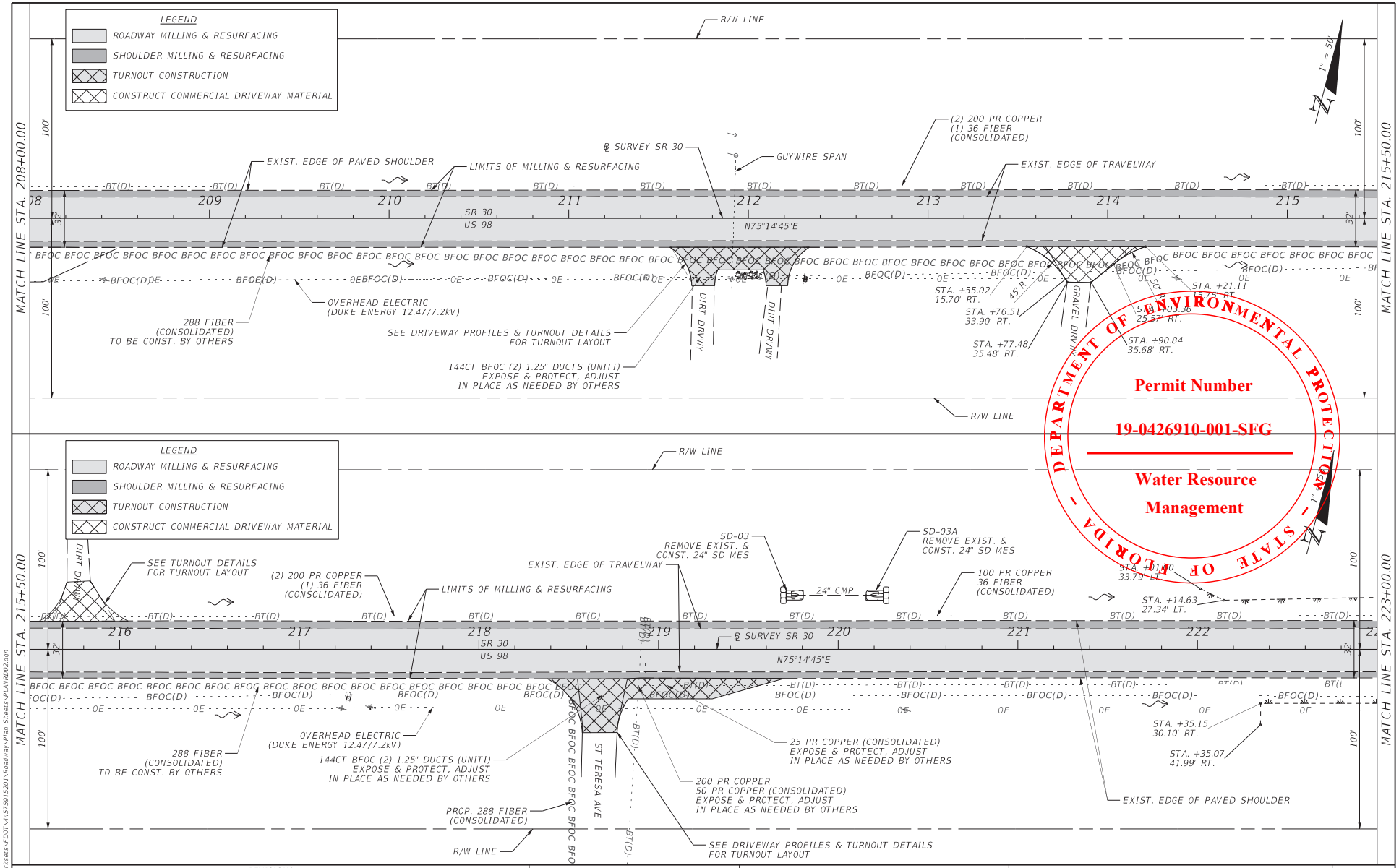
ENGINEER OF RECORD
HEATHER W. REMICK, P.E.
LICENSE NUMBER 80458
GORTEMOLLER ENGINEERING, INC.
708 THOMAS DRIVE
PANAMA CITY BEACH, FL 32408

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 30	FRANKLIN	445759-1-52-01

ROADWAY PLAN

SHEET NO. 42



DEPARTMENT OF ENVIRONMENTAL PROTECTION - STATE OF FLORIDA

Permit Number

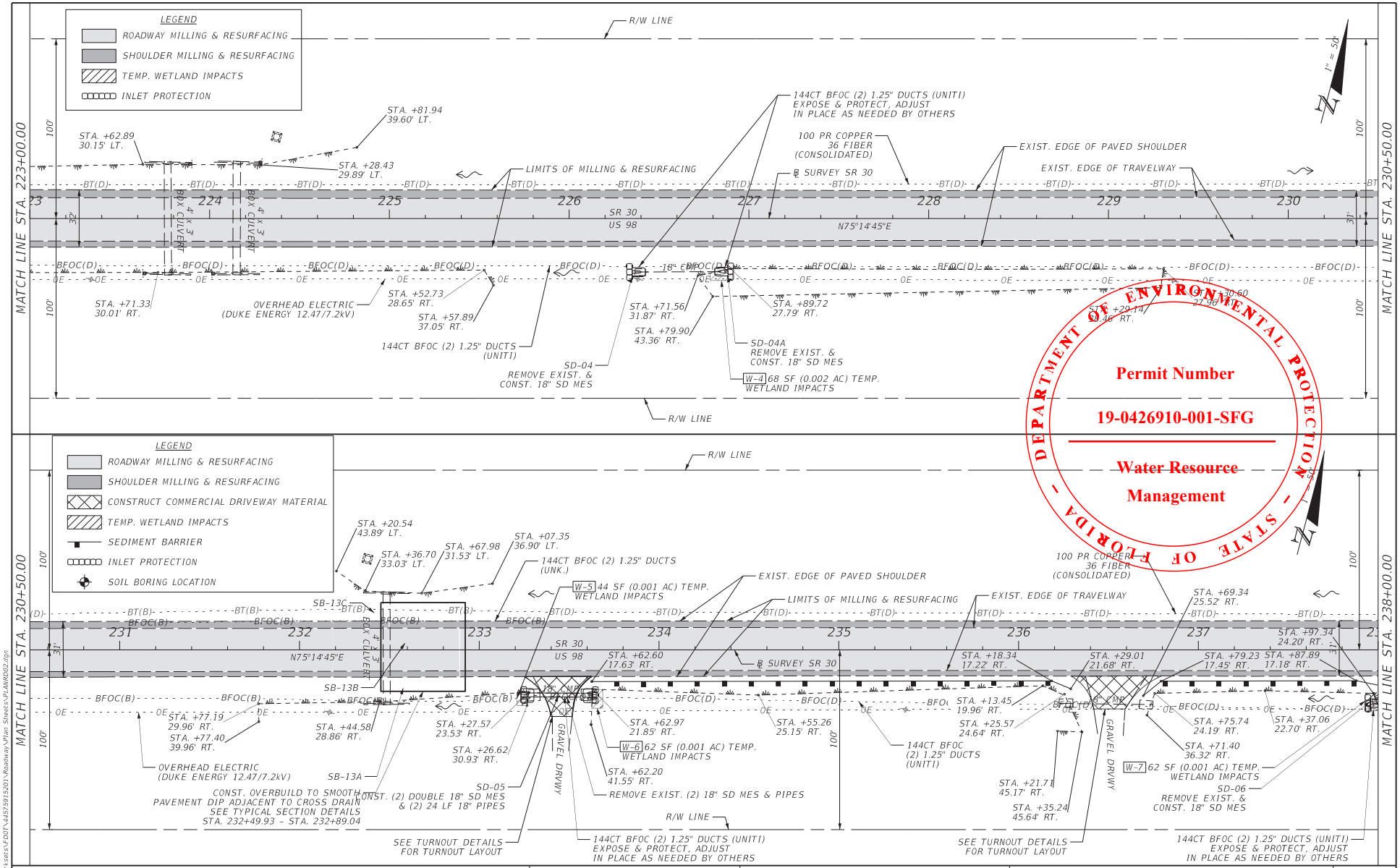
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Water Resource Management

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REVISIONS				ENGINEER OF RECORD	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION				SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	HEATHER W. REMICK, P.E. LICENSE NUMBER 80458 GORTEMOLLER ENGINEERING, INC. 708 THOMAS DRIVE PANAMA CITY, FL 32408	ROAD NO.	COUNTY	FINANCIAL PROJECT ID	ROADWAY PLAN	43
					SR 30	FRANKLIN	445759-1-52-01		

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Permit Number
19-0426910-001-SFG
Water Resource Management

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REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

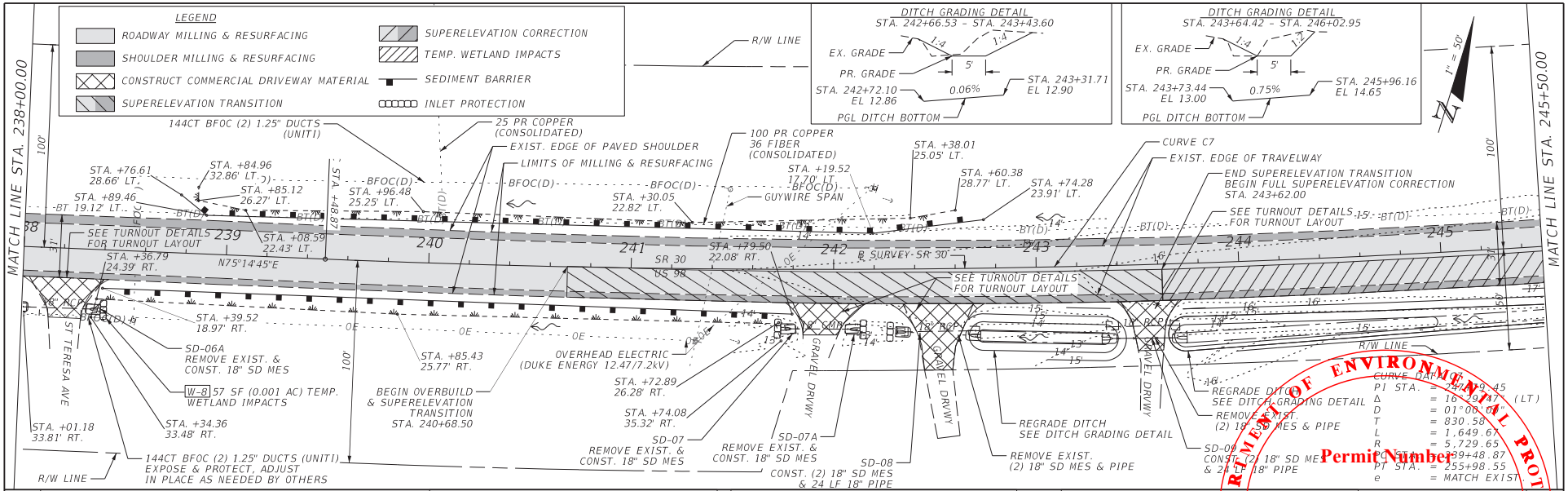
ENGINEER OF RECORD
HEATHER W. REMICK, P.E.
LICENSE NUMBER 80458
GORTEMOLLER ENGINEERING, INC.
708 THOMAS DRIVE
PANAMA CITY BEACH, FL 32408

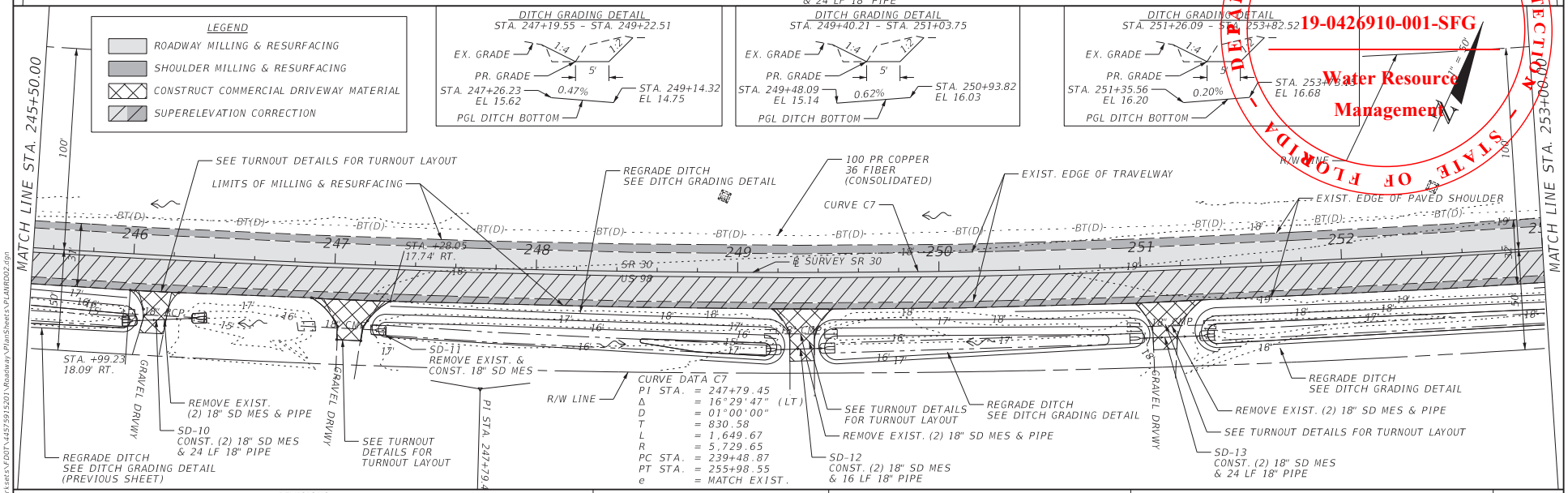
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 30	FRANKLIN	445759-1-52-01

ROADWAY PLAN

SHEET NO. 44





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REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

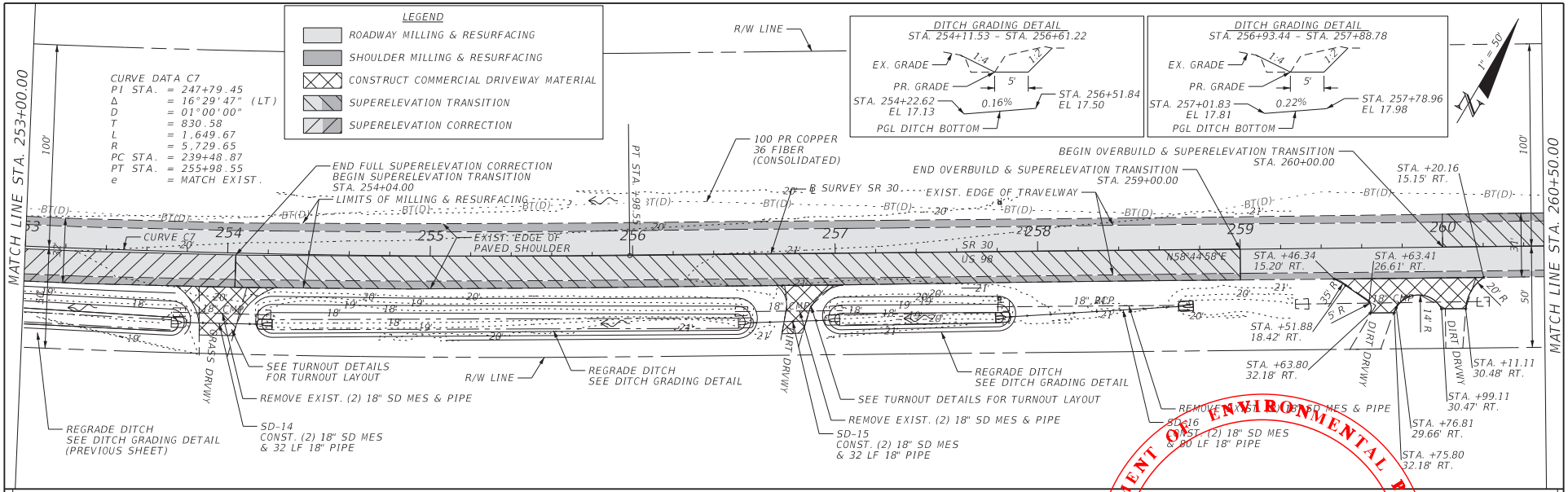
ENGINEER OF RECORD
HEATHER W. REMICK, P.E.
LICENSE NUMBER 80458
GORTEMOLLER ENGINEERING, INC.
708 THOMAS DRIVE
PANAMA CITY BEACH, FL 32408

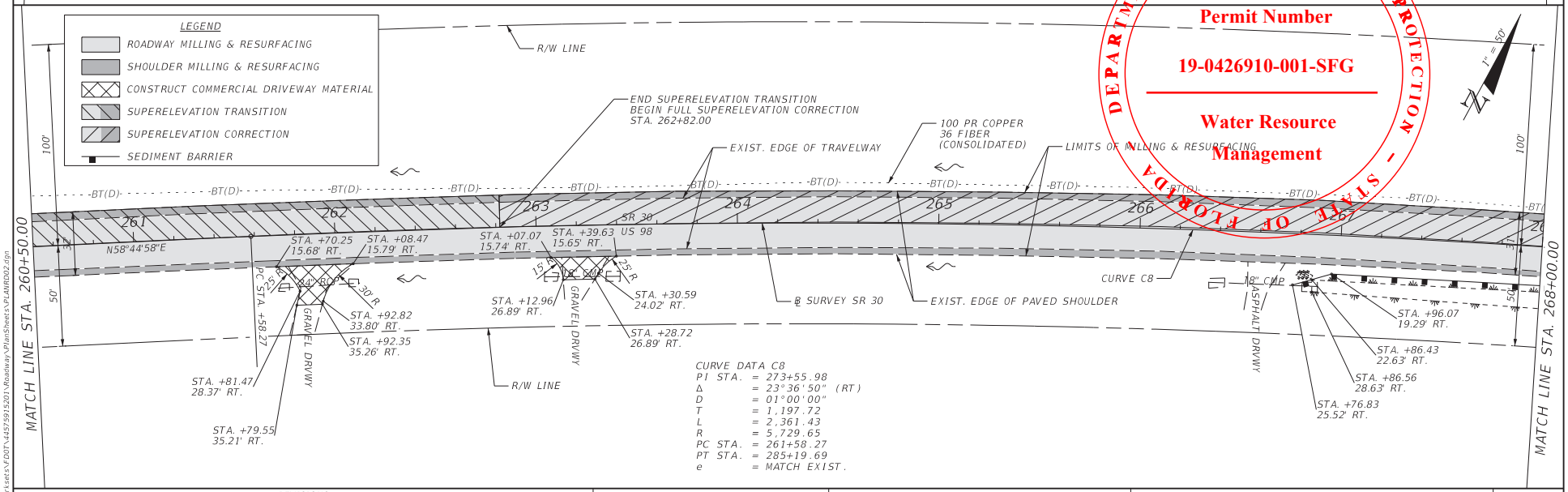
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 30	FRANKLIN	445759-1-52-01

ROADWAY PLAN

SHEET NO. 45





CURVE DATA C8
PI STA. = 273+55.98
Δ = 23°36'50" (RT)
D = 01°00'00"
T = 1,197.72
L = 2,361.43
R = 5,729.65
PC STA. = 261+58.27
PT STA. = 285+19.69
e = MATCH EXIST.

DEPARTMENT OF ENVIRONMENTAL PROTECTION - STATE OF FLORIDA
Permit Number
19-0426910-001-SFG
Water Resource
Management

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

ENGINEER OF RECORD
HEATHER W. REMICK, P.E.
LICENSE NUMBER 80458
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708 THOMAS DRIVE
PANAMA CITY BEACH, FL 32408

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

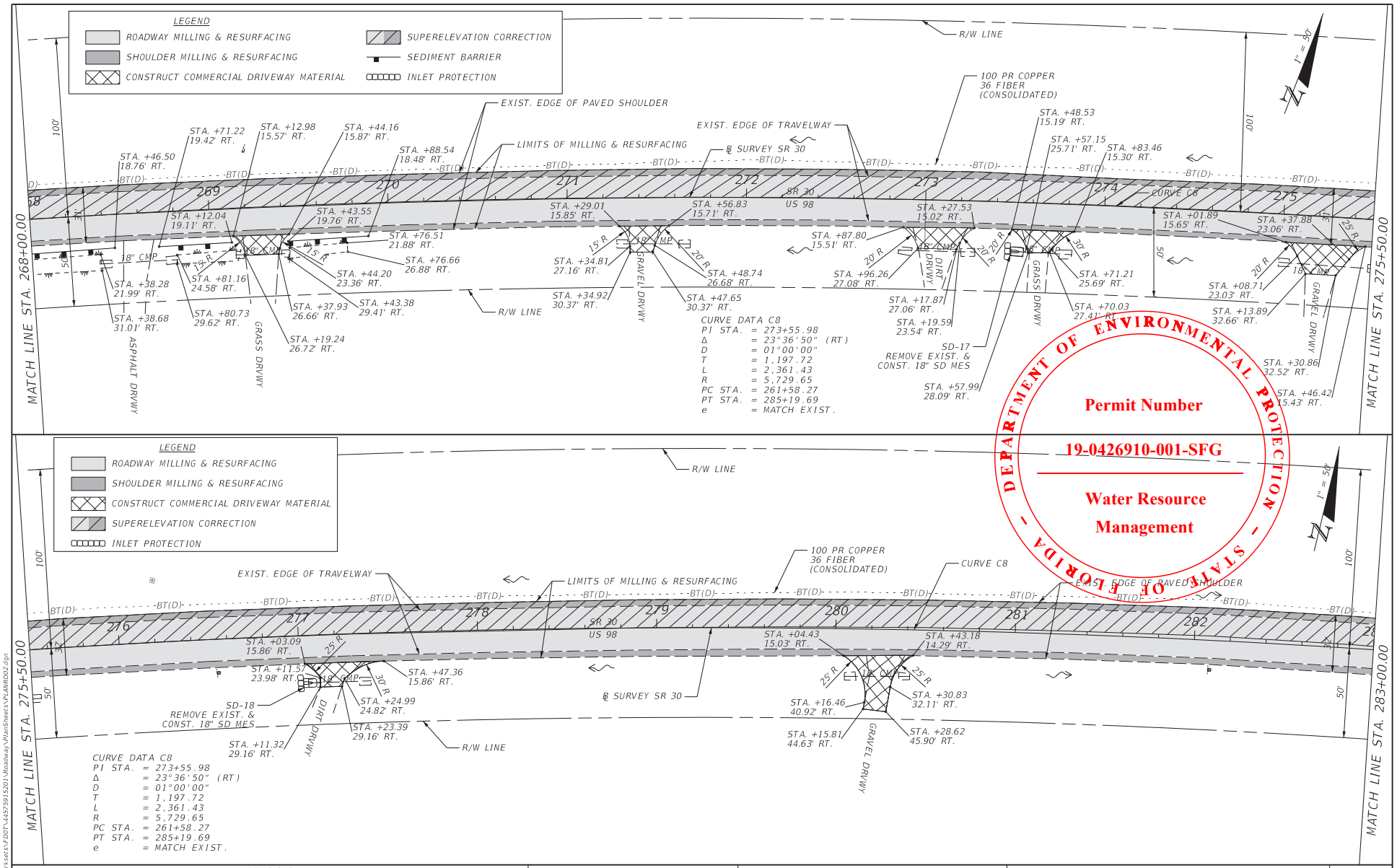
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 30	FRANKLIN	445759-1-52-01

ROADWAY PLAN

SHEET NO. 46

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DEPARTMENT OF ENVIRONMENTAL PROTECTION - STATE OF FLORIDA -
Permit Number
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Water Resource
Management

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

ENGINEER OF RECORD
HEATHER W. REMICK, P.E.
LICENSE NUMBER 80458
GORTEMOLLER ENGINEERING, INC.
708 THOMAS DRIVE
PANAMA CITY BEACH, FL 32408

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

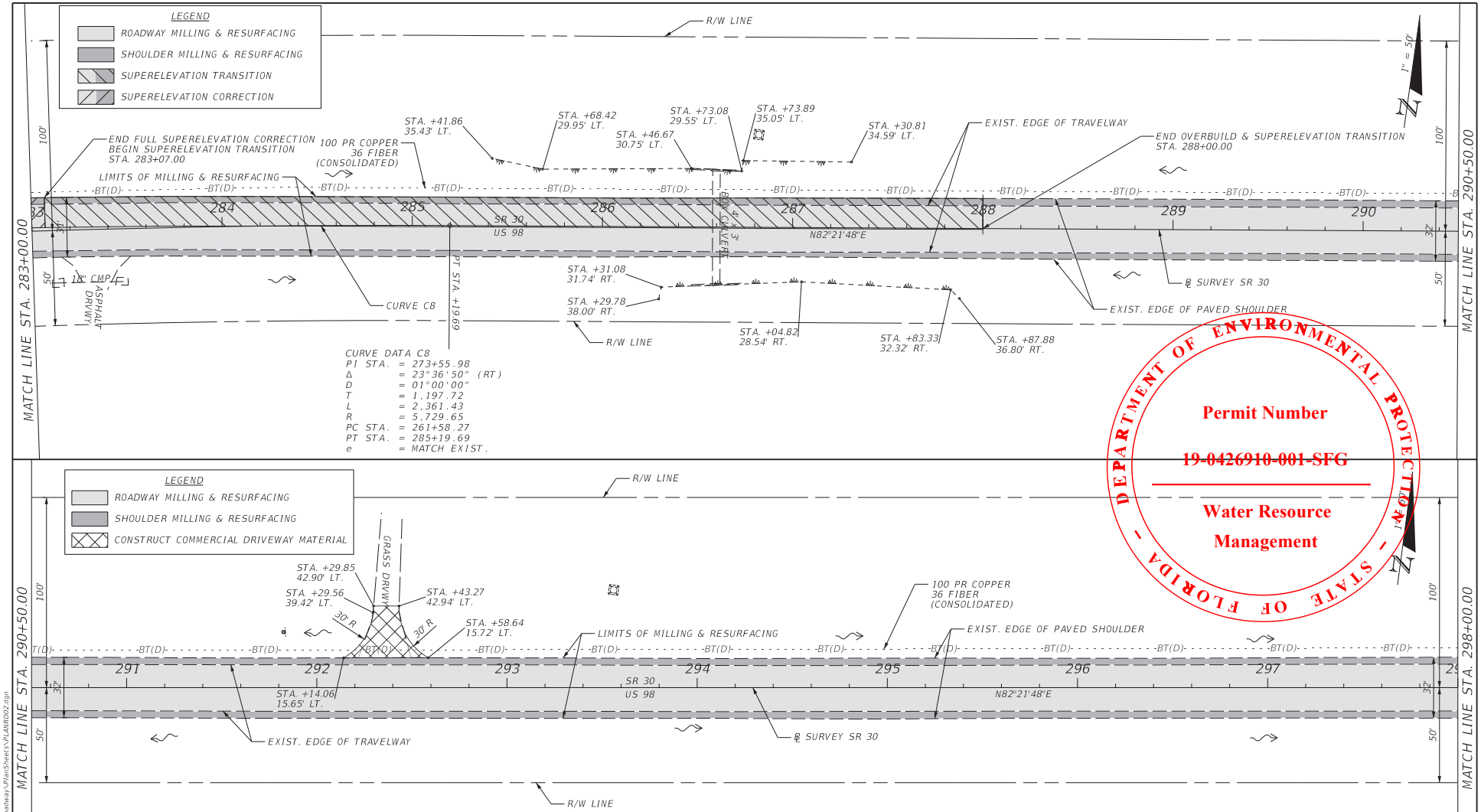
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 30	FRANKLIN	445759-1-52-01

ROADWAY PLAN

SHEET NO. 47

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DEPARTMENT OF ENVIRONMENTAL PROTECTION - STATE OF FLORIDA

Permit Number

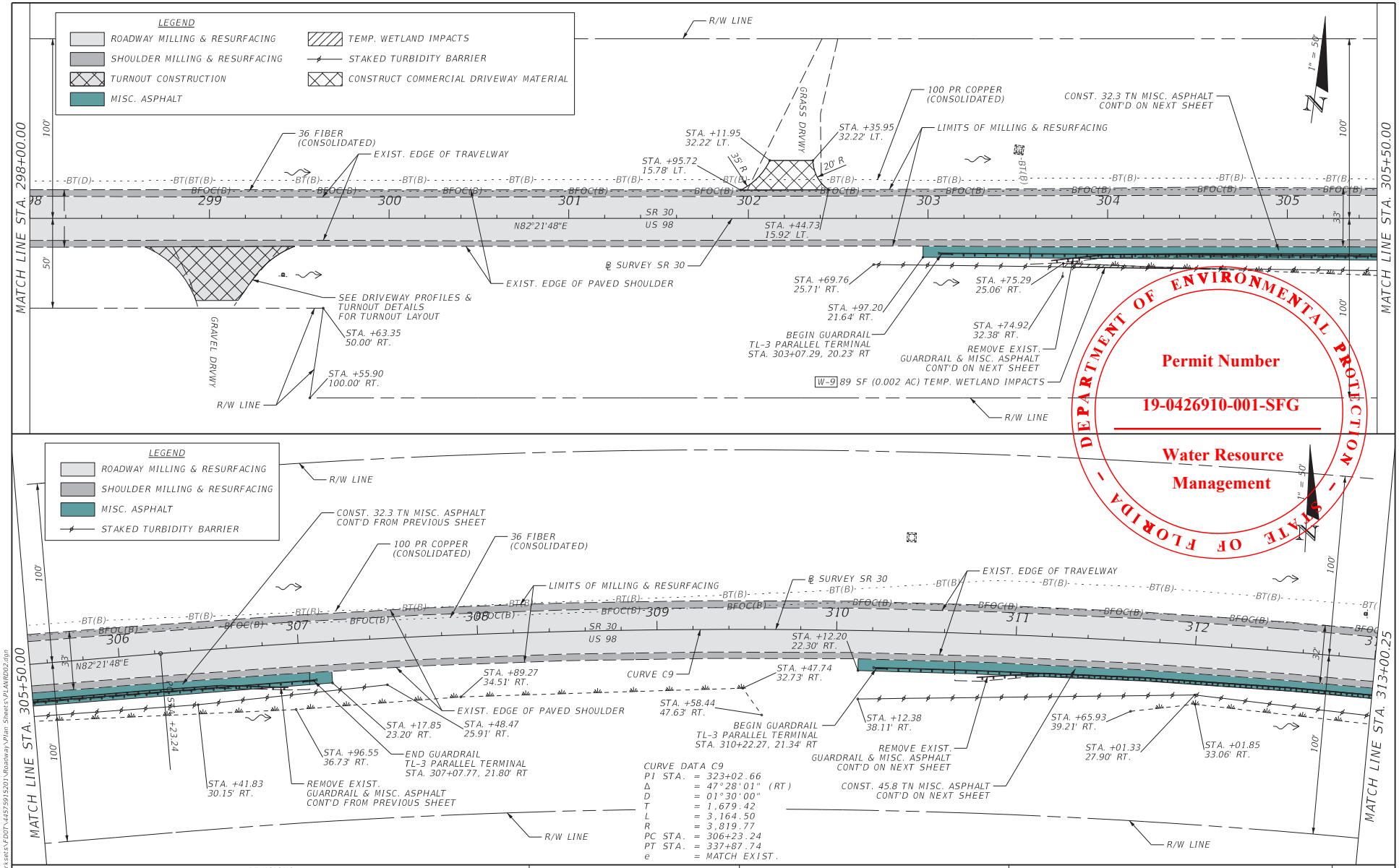
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Water Resource Management

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REVISIONS				ENGINEER OF RECORD	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			ROADWAY PLAN	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	HEATHER W. REMICK, P.E. LICENSE NUMBER 80458 GORTEMOLLER ENGINEERING, INC. 708 THOMAS DRIVE PANAMA CITY BEACH, FL 32408	ROAD NO.	COUNTY	FINANCIAL PROJECT ID		48
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Permit Number

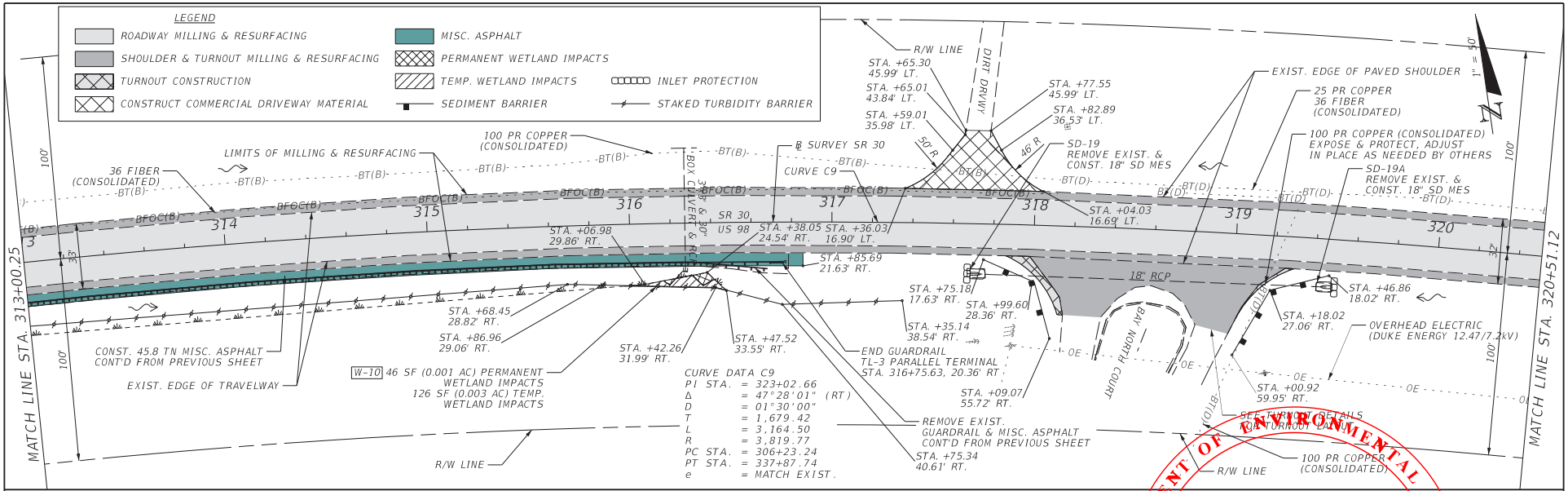
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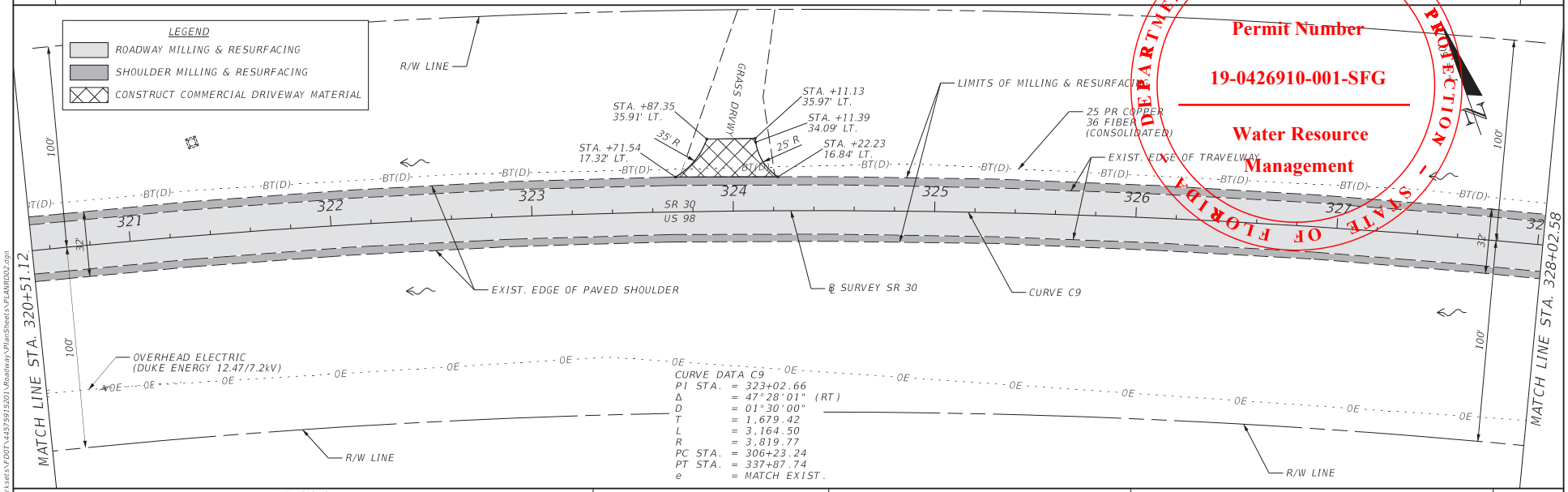
Water Resource Management

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REVISIONS				ENGINEER OF RECORD	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			ROADWAY PLAN	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	HEATHER W. REMICK, P.E. LICENSE NUMBER 80458 GORTEMOLLER ENGINEERING, INC. 708 THOMAS DRIVE PANAMA CITY BEACH, FL 32408	ROAD NO.	COUNTY	FINANCIAL PROJECT ID		49
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STATE OF FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION

Permit Number

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Water Resource Management

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

ENGINEER OF RECORD

HEATHER W. REMICK, P.E.
LICENSE NUMBER 80458
GORTEMOLLER ENGINEERING, INC.
708 THOMAS DRIVE
PANAMA CITY BEACH, FL 32408

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

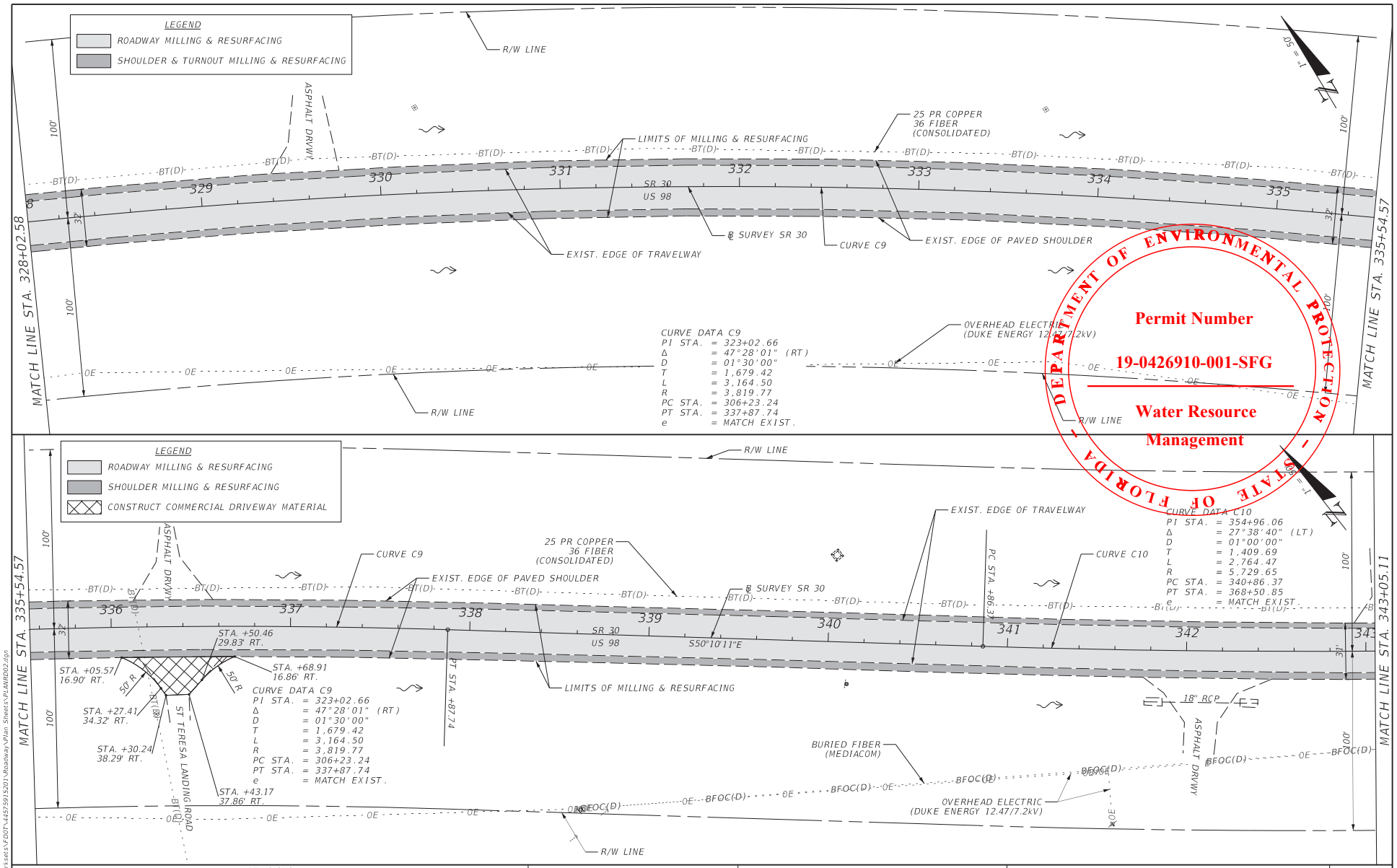
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 30	FRANKLIN	445759-1-52-01

ROADWAY PLAN

SHEET NO. 50

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Permit Number

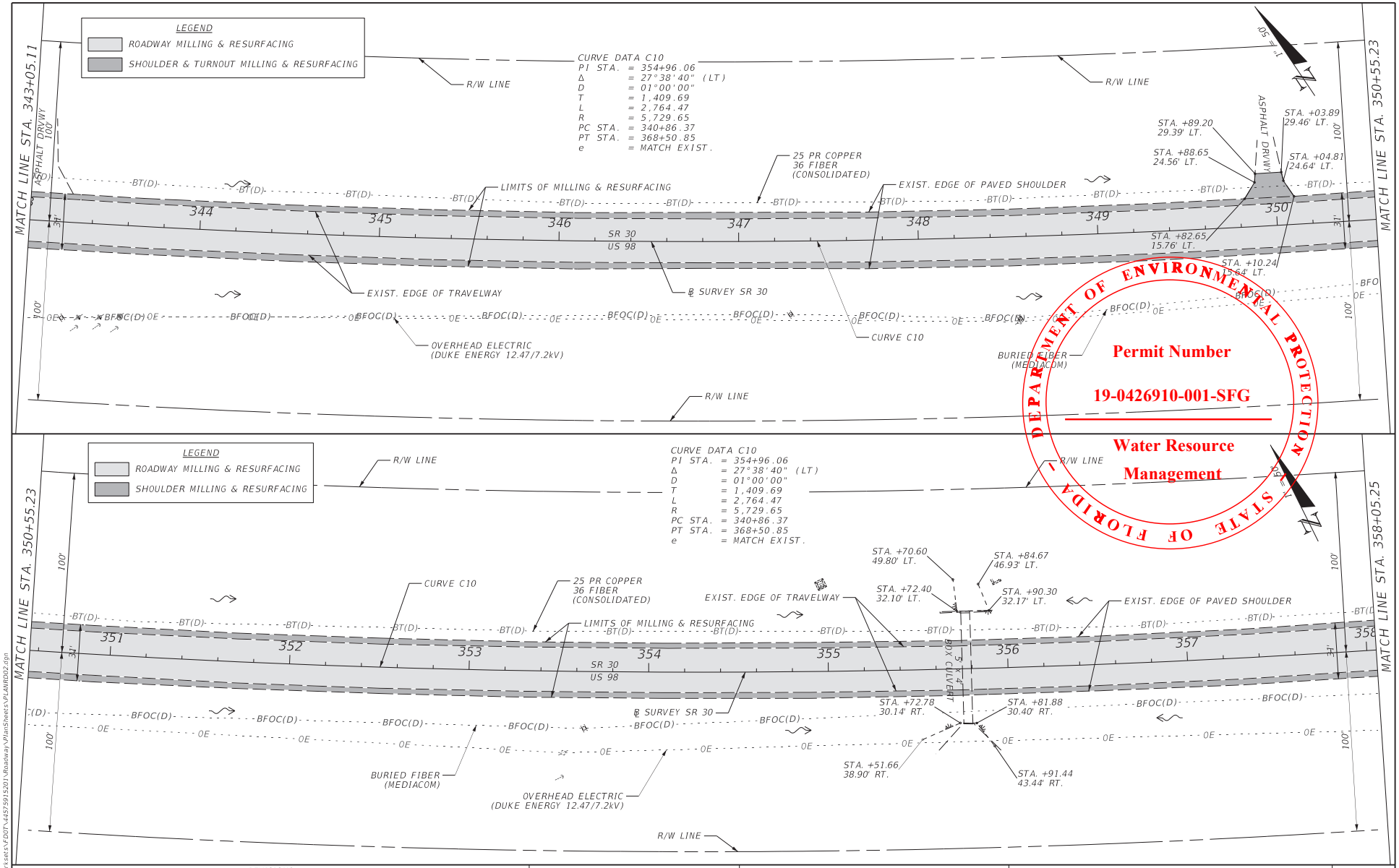
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Water Resource Management

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REVISIONS				ENGINEER OF RECORD	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			ROADWAY PLAN	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	HEATHER W. REMICK, P.E. LICENSE NUMBER 80458 GORTEMOLLER ENGINEERING, INC. 708 THOMAS DRIVE PANAMA CITY, FL 32408	ROAD NO.	COUNTY	FINANCIAL PROJECT ID		51
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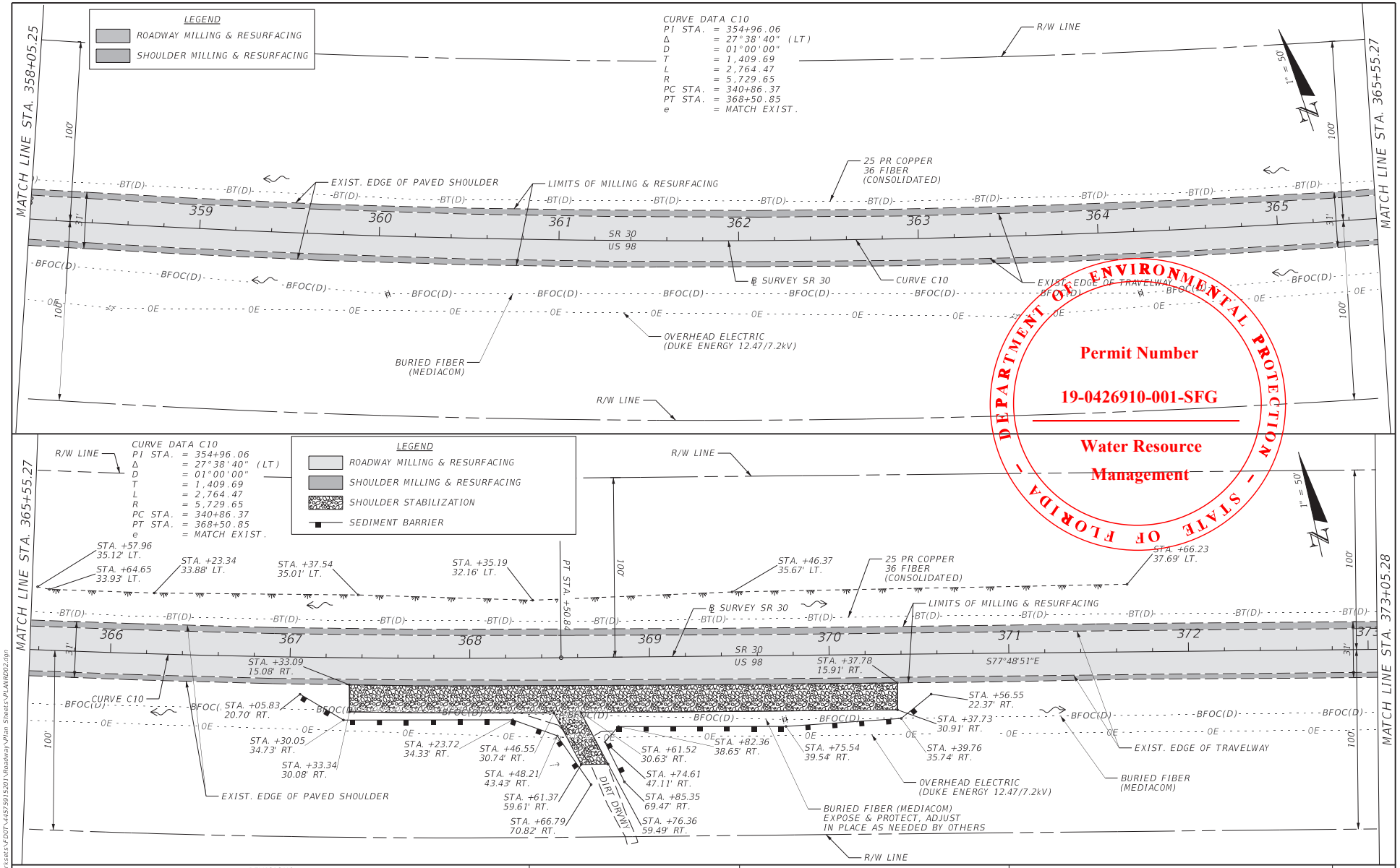


DEPARTMENT OF ENVIRONMENTAL PROTECTION
STATE OF FLORIDA
Permit Number
19-0426910-001-SFG
Water Resource
Management

REVISIONS				ENGINEER OF RECORD	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			ROADWAY PLAN	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	HEATHER W. REMICK, P.E. LICENSE NUMBER 80458 GORTEMOLLER ENGINEERING, INC. 708 THOMAS DRIVE PANAMA CITY BEACH, FL 32408	ROAD NO.	COUNTY	FINANCIAL PROJECT ID		52
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Permit Number

19-0426910-001-SFG

Water Resource Management

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

ENGINEER OF RECORD
HEATHER W. REMICK, P.E.
LICENSE NUMBER 80458
GORTEMOLLER ENGINEERING, INC.
708 THOMAS DRIVE
PANAMA CITY BEACH, FL 32408

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

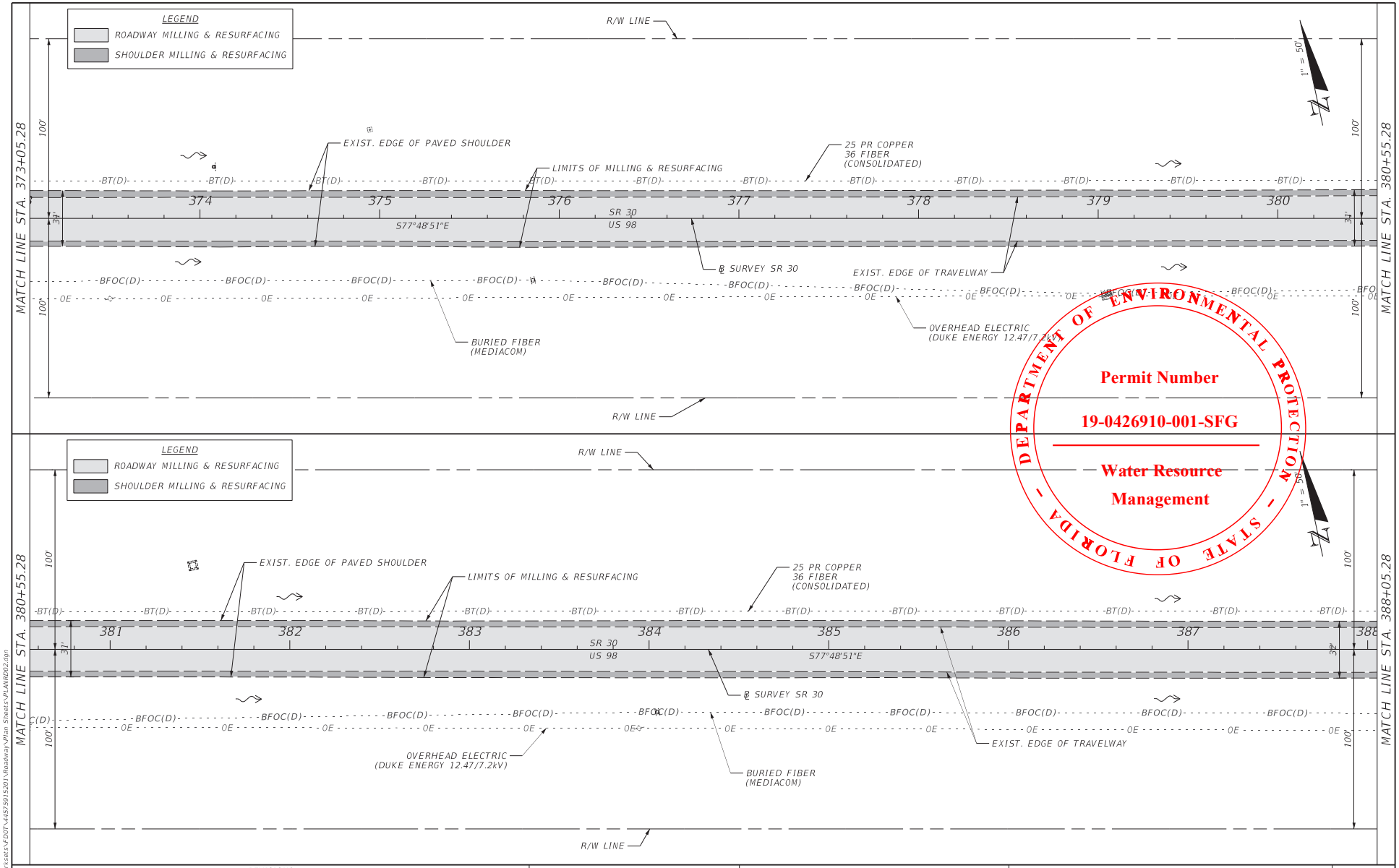
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 30	FRANKLIN	445759-1-52-01

ROADWAY PLAN

SHEET NO. 53

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Permit Number

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Water Resource Management

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REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

ENGINEER OF RECORD

HEATHER W. REMICK, P.E.
LICENSE NUMBER 80458
GORTEMOLLER ENGINEERING, INC.
708 THOMAS DRIVE
PANAMA CITY BEACH, FL 32408

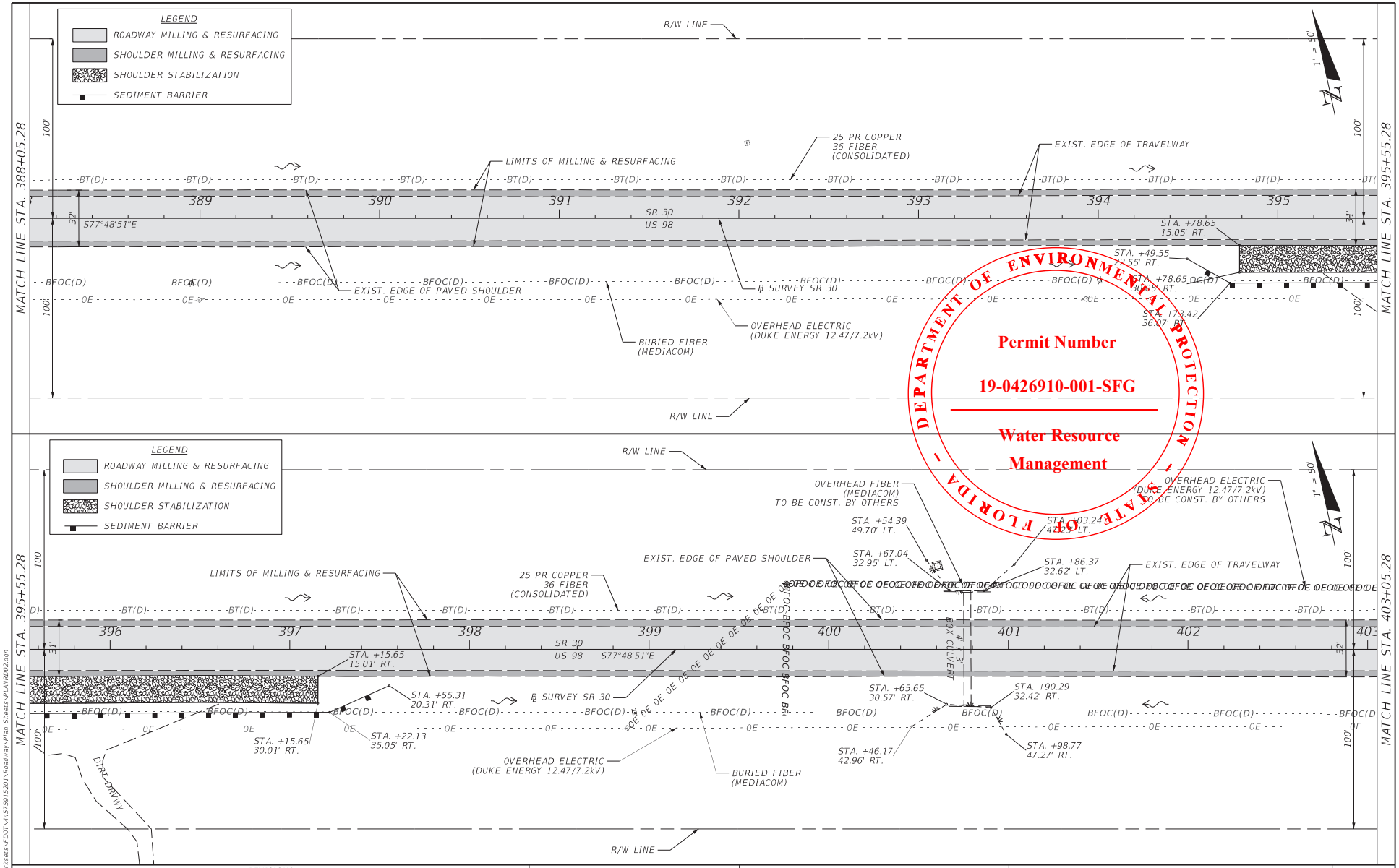
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 30	FRANKLIN	445759-1-52-01

ROADWAY PLAN

SHEET NO. 54

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Water Resource Management

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

ENGINEER OF RECORD
HEATHER W. REMICK, P.E.
LICENSE NUMBER 80458
GORTEMOLLER ENGINEERING, INC.
708 THOMAS DRIVE
PANAMA CITY BEACH, FL 32408

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

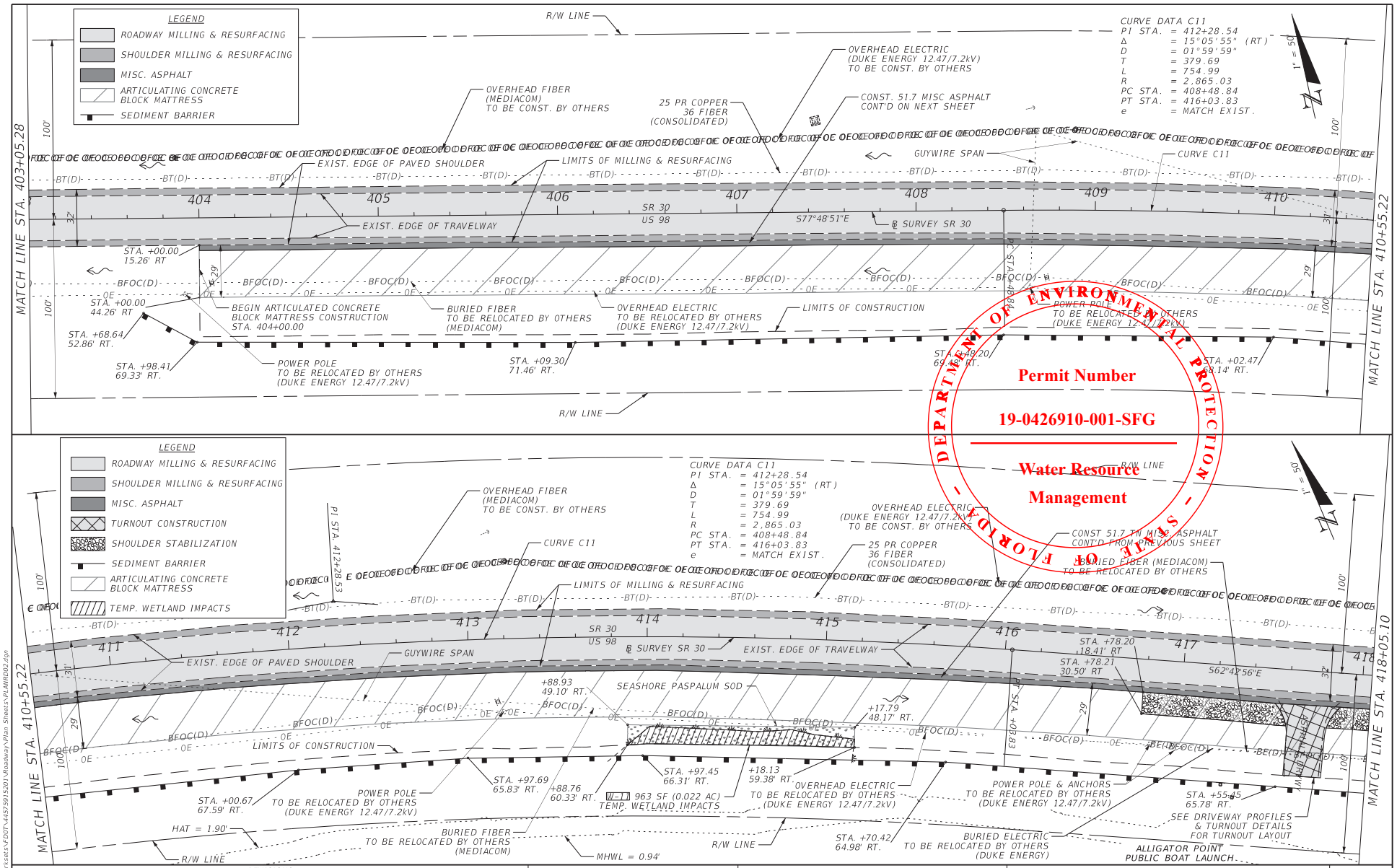
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 30	FRANKLIN	445759-1-52-01

ROADWAY PLAN

SHEET NO. 55

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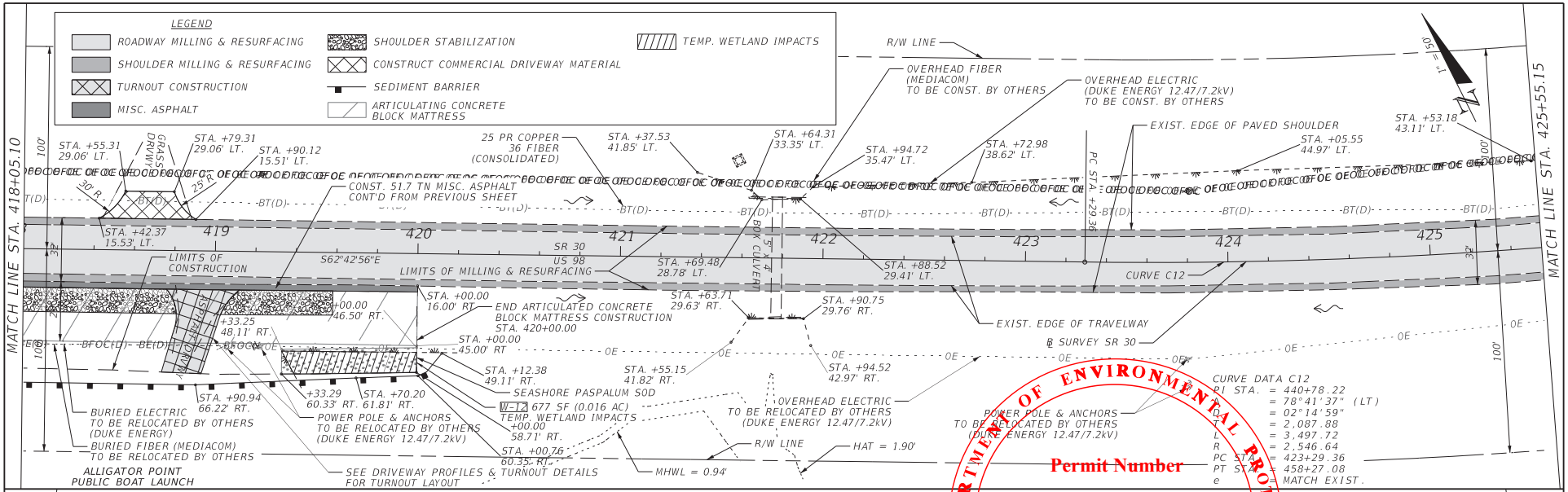
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REVISIONS				ENGINEER OF RECORD	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			ROADWAY PLAN	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	HEATHER W. REMICK, P.E. LICENSE NUMBER 80458 GORTEMOLLER ENGINEERING, INC. 708 THOMAS DRIVE PANAMA CITY BEACH, FL 32408	ROAD NO.	COUNTY	FINANCIAL PROJECT ID		56
					SR 30	FRANKLIN	445759-1-52-01		

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REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

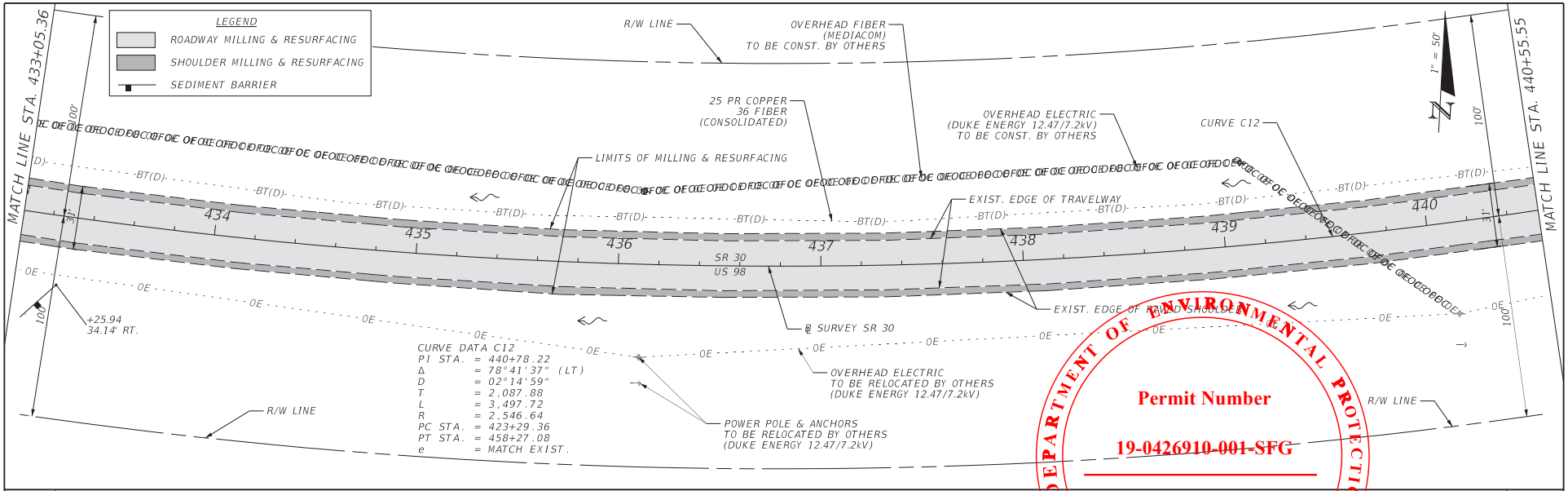
ENGINEER OF RECORD
HEATHER W. REMICK, P.E.
LICENSE NUMBER 80458
GORTEMOLLER ENGINEERING, INC.
708 THOMAS DRIVE
PANAMA CITY BEACH, FL 32408

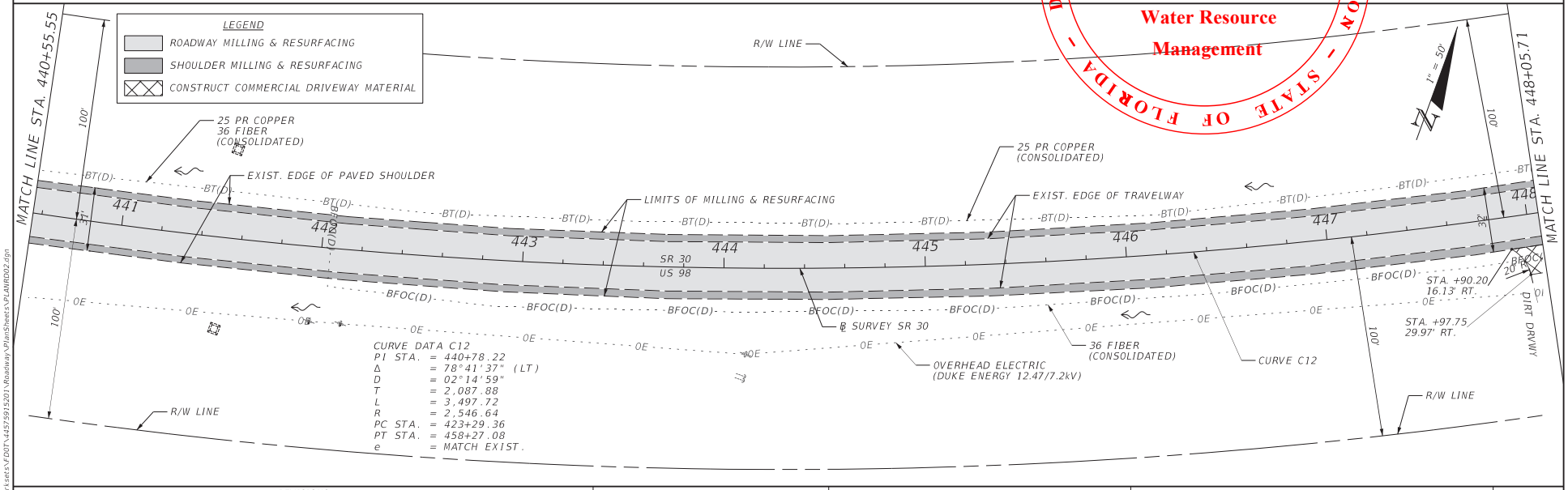
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 30	FRANKLIN	445759-1-52-01

ROADWAY PLAN

SHEET NO. 57





STATE OF FLORIDA - DEPARTMENT OF ENVIRONMENTAL PROTECTION

Permit Number

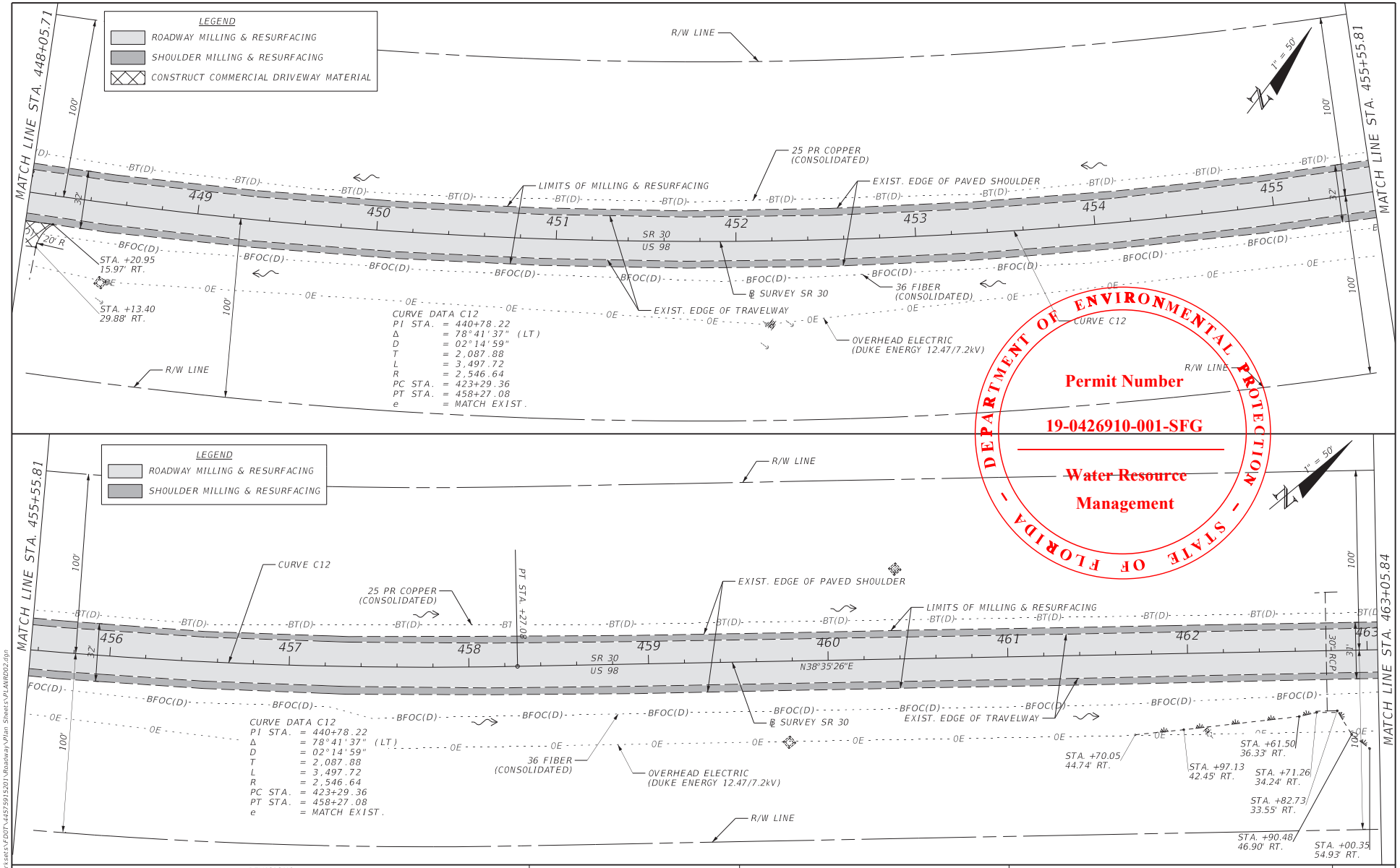
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Water Resource Management

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REVISIONS				ENGINEER OF RECORD	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			ROADWAY PLAN	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	HEATHER W. REMICK, P.E. LICENSE NUMBER 80458 GORTEMOLLER ENGINEERING, INC. 708 THOMAS DRIVE PANAMA CITY BEACH, FL 32408	ROAD NO.	COUNTY	FINANCIAL PROJECT ID		58
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Permit Number

19-0426910-001-SFG

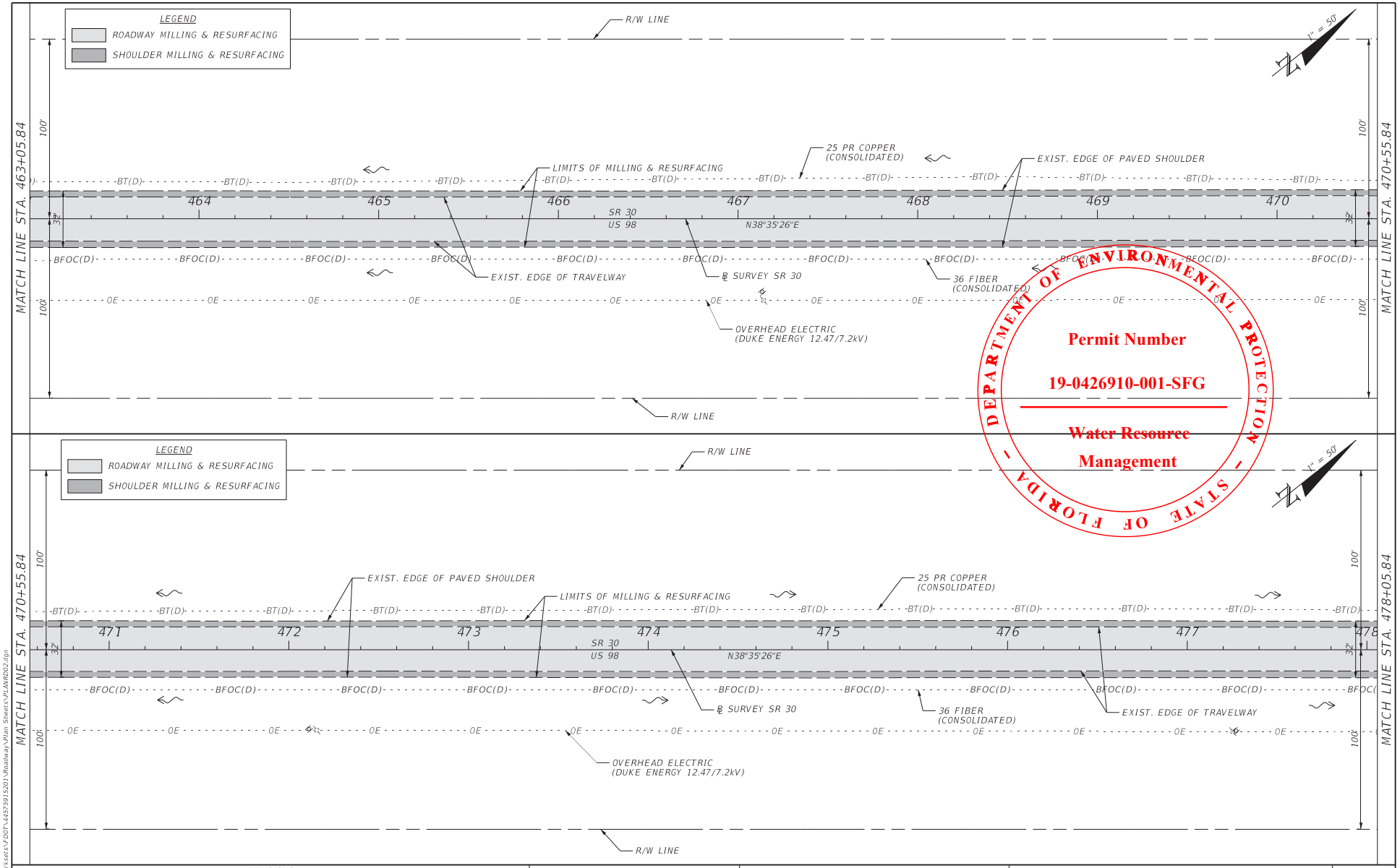
~~Water Resource~~

Management

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REVISIONS				ENGINEER OF RECORD	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			ROADWAY PLAN	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	HEATHER W. REMICK, P.E. LICENSE NUMBER 80458 GORTEMOLLER ENGINEERING, INC. 708 THOMAS DRIVE PANAMA CITY BEACH, FL 32408	ROAD NO.	COUNTY	FINANCIAL PROJECT ID		59
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Permit Number

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REVISIONS			
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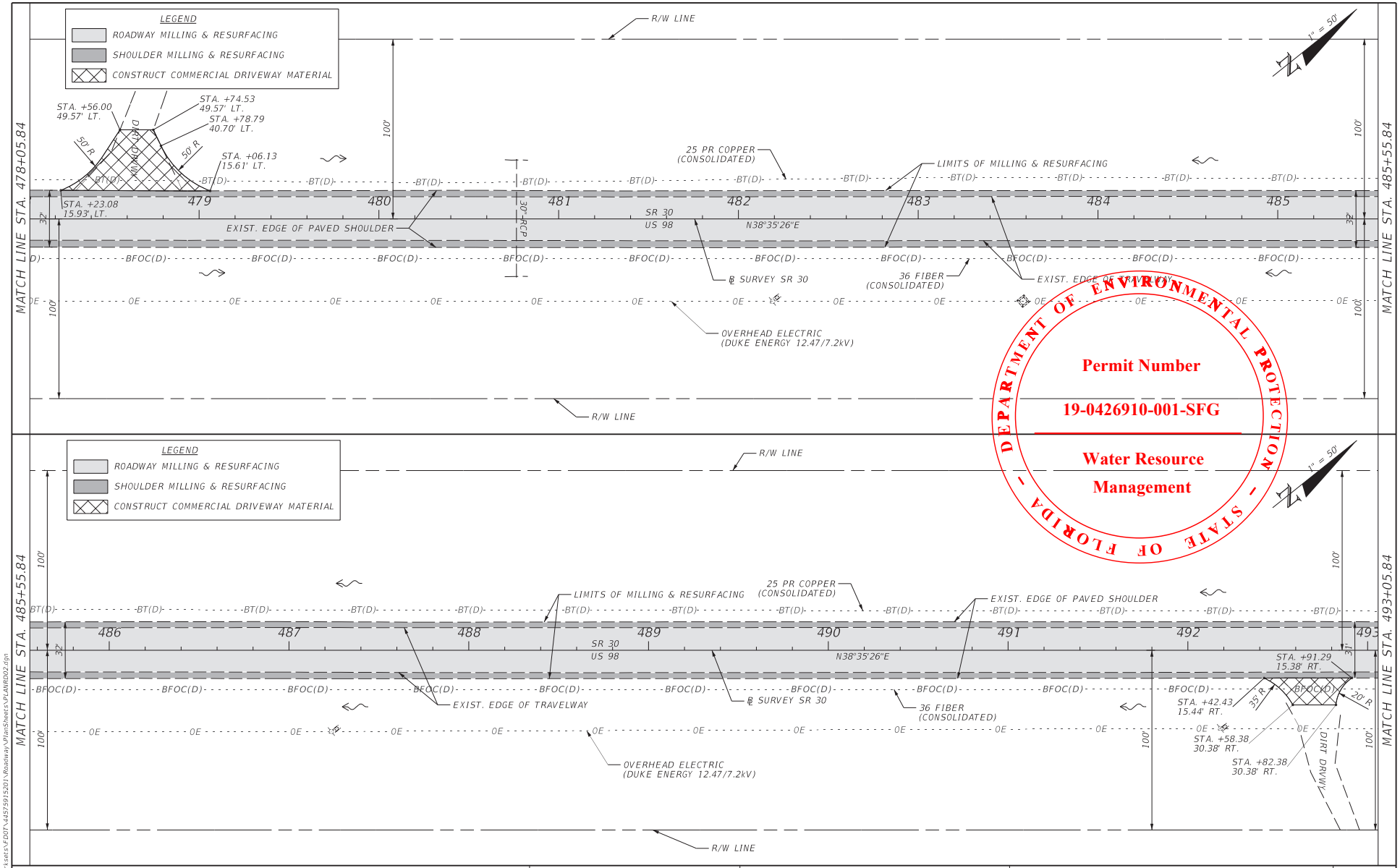
ENGINEER OF RECORD
HEATHER W. REMICK, P.E.
LICENSE NUMBER 80458
GORTEMOLLER ENGINEERING, INC.
708 THOMAS DRIVE
PANAMA CITY BEACH, FL 32408

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 30	FRANKLIN	445759-1-52-01

ROADWAY PLAN

SHEET NO. 60

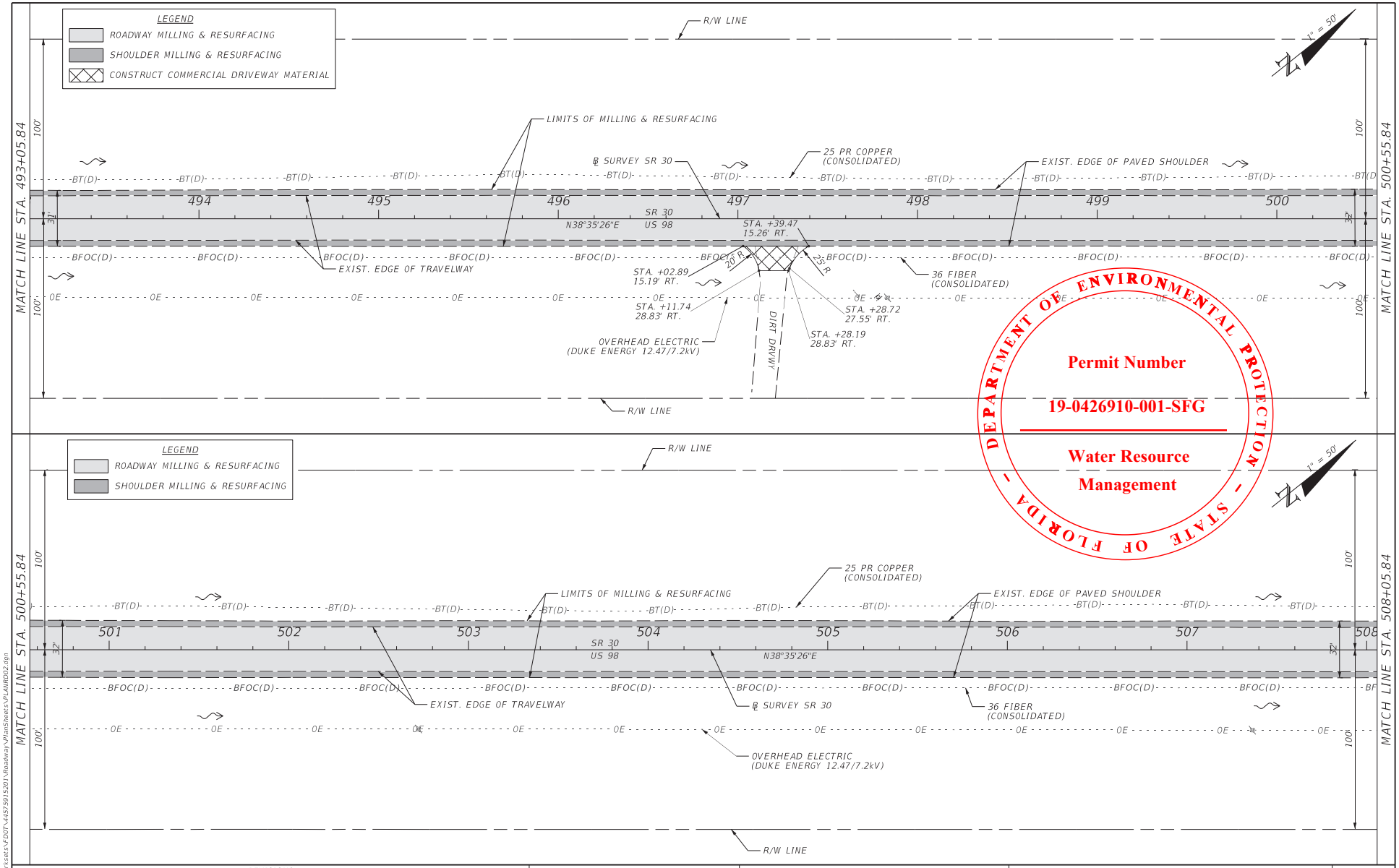


DEPARTMENT OF ENVIRONMENTAL PROTECTION - STATE OF FLORIDA -
Permit Number
19-0426910-001-SFG
Water Resource Management

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REVISIONS				ENGINEER OF RECORD	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			ROADWAY PLAN	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	HEATHER W. REMICK, P.E. LICENSE NUMBER 80458 GORTEMOLLER ENGINEERING, INC. 708 THOMAS DRIVE PANAMA CITY BEACH, FL 32408	ROAD NO.	COUNTY	FINANCIAL PROJECT ID		61
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Permit Number

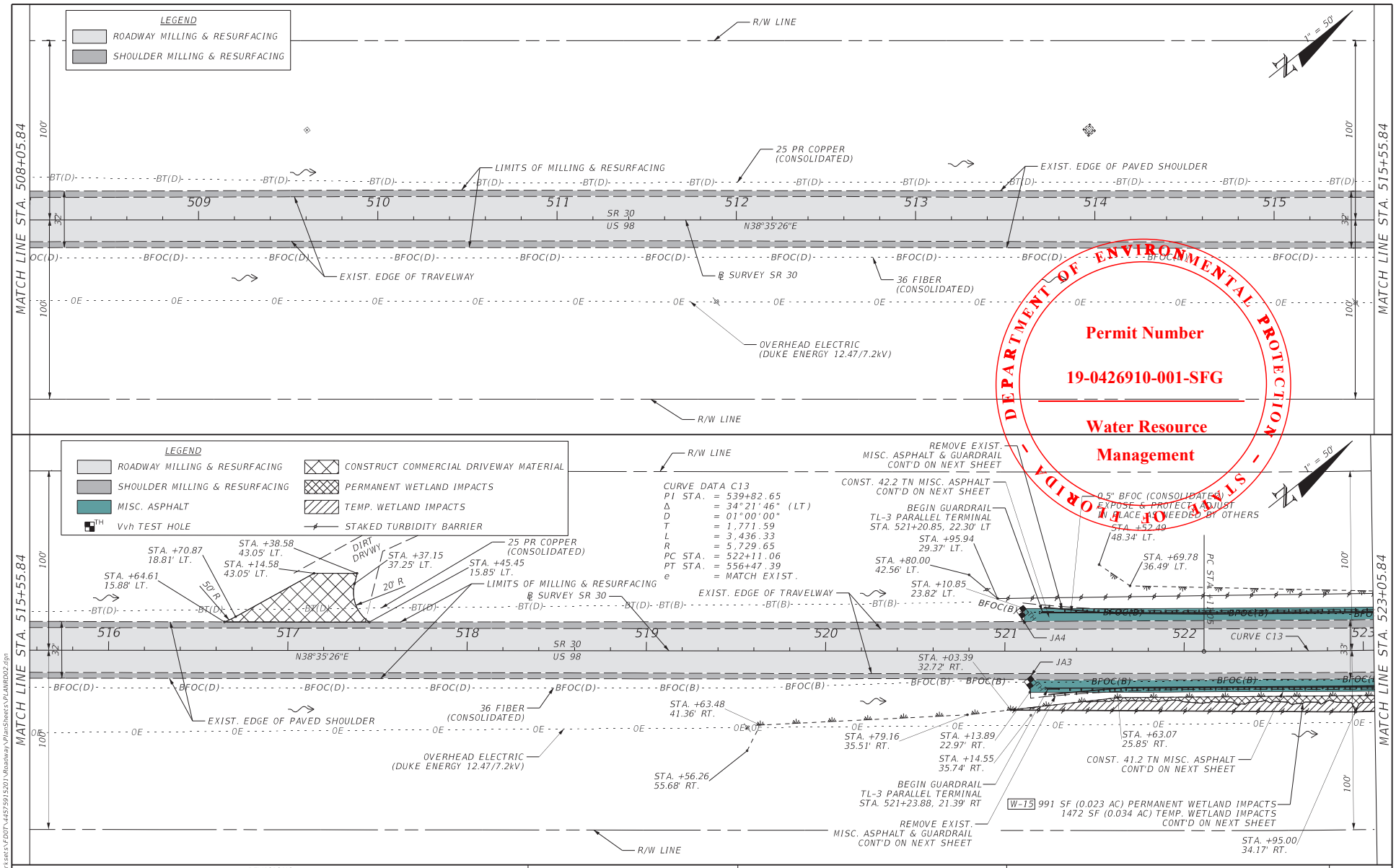
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Water Resource Management

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REVISIONS				ENGINEER OF RECORD	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			ROADWAY PLAN	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	HEATHER W. REMICK, P.E. LICENSE NUMBER 80458 GORTEMOLLER ENGINEERING, INC. 708 THOMAS DRIVE PANAMA CITY BEACH, FL 32408	ROAD NO.	COUNTY	FINANCIAL PROJECT ID		62
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DEPARTMENT OF ENVIRONMENTAL PROTECTION - STATE OF FLORIDA
Permit Number
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Water Resource Management

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REVISIONS

DATE	DESCRIPTION	DATE	DESCRIPTION

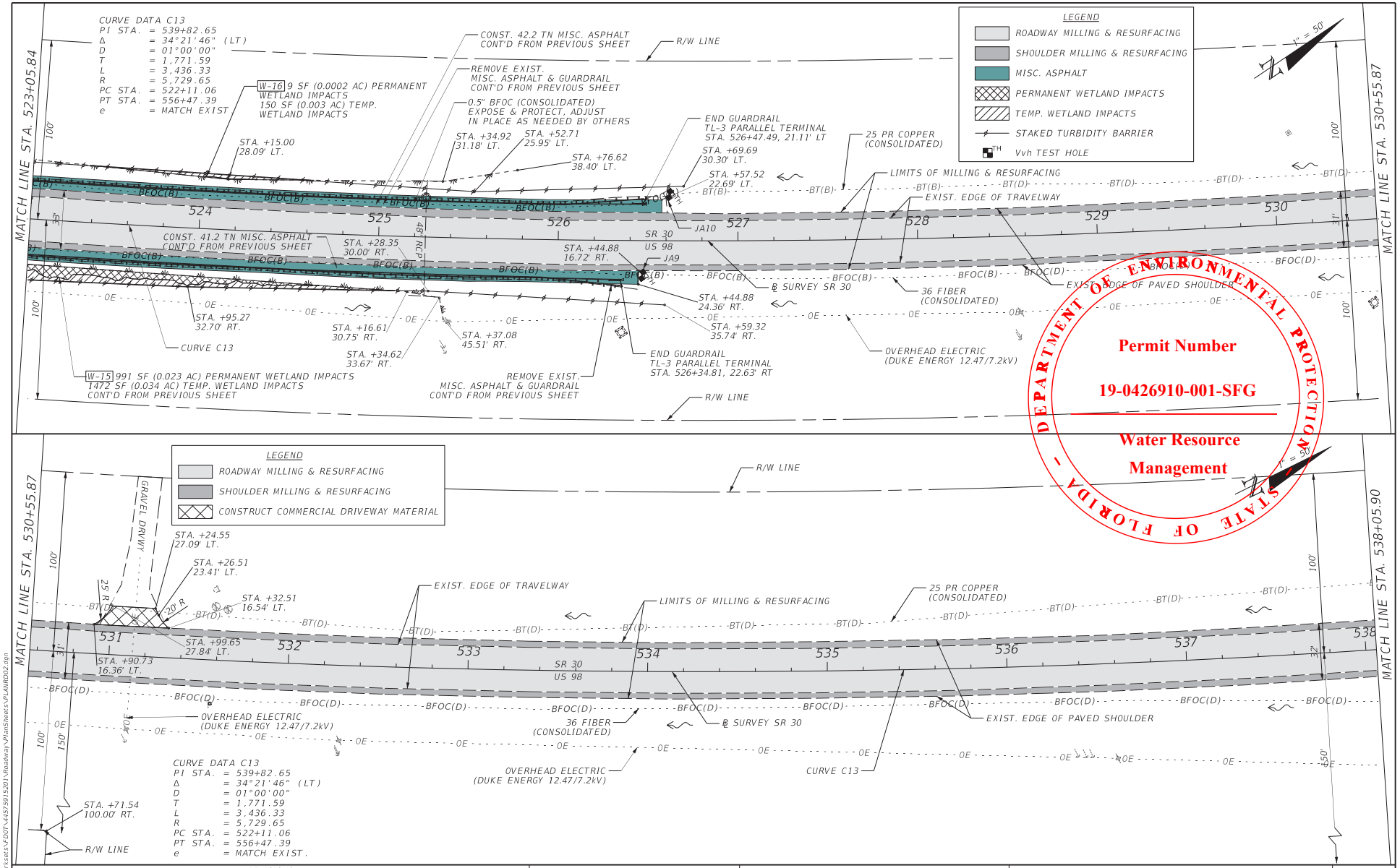
ENGINEER OF RECORD
HEATHER W. REMICK, P.E.
LICENSE NUMBER 80458
GORTEMOLLER ENGINEERING, INC.
708 THOMAS DRIVE
PANAMA CITY BEACH, FL 32408

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 30	FRANKLIN	445759-1-52-01

ROADWAY PLAN

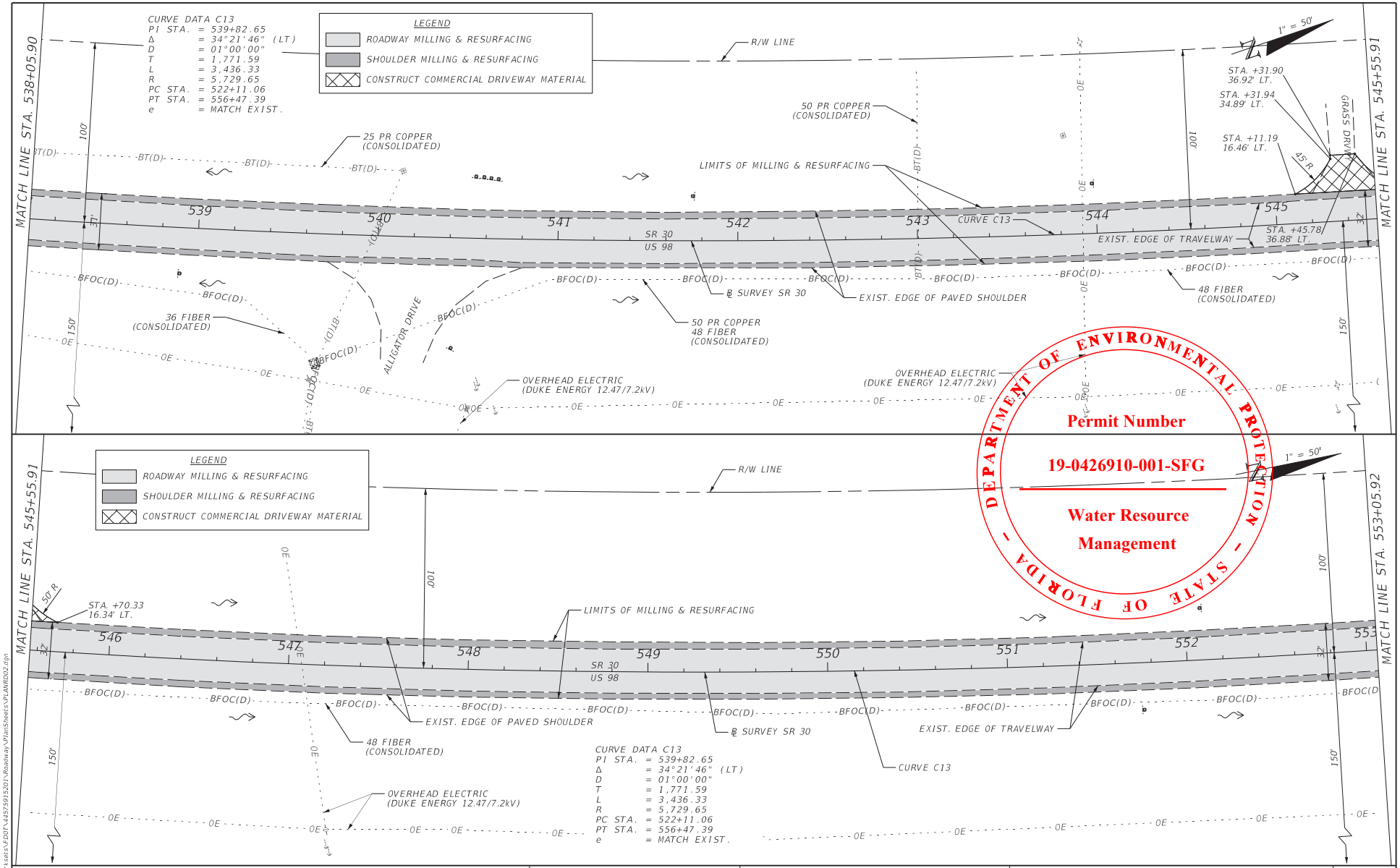
SHEET NO. 63



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REVISIONS				ENGINEER OF RECORD	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			ROADWAY PLAN	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	HEATHER W. REMICK, P.E. LICENSE NUMBER 80458 GORTEMOLLER ENGINEERING, INC. 708 THOMAS DRIVE PANAMA CITY BEACH, FL 32408	ROAD NO.	COUNTY	FINANCIAL PROJECT ID		64
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DEPARTMENT OF ENVIRONMENTAL PROTECTION - STATE OF FLORIDA

Permit Number

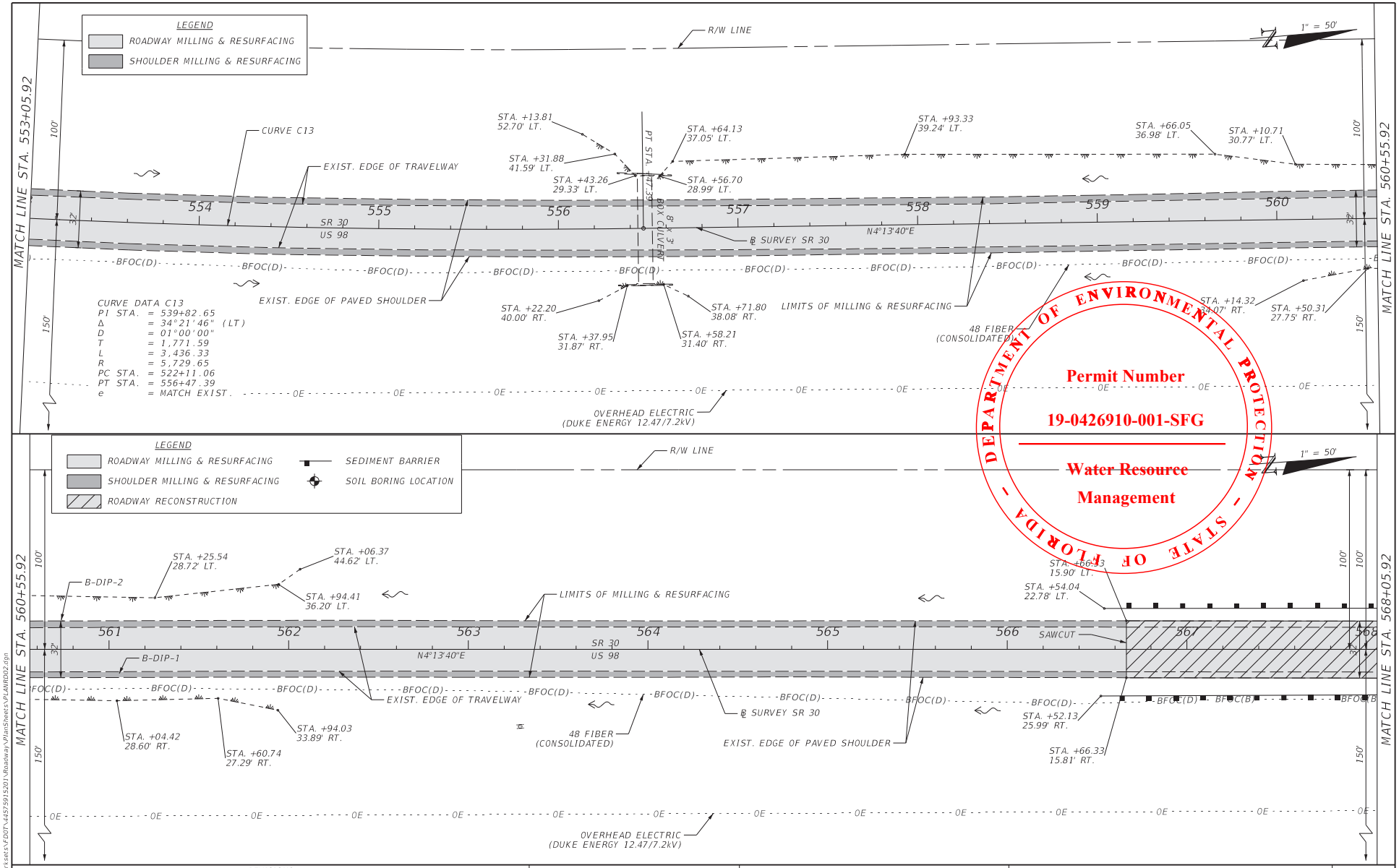
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Water Resource Management

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REVISIONS				ENGINEER OF RECORD	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			ROADWAY PLAN	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	HEATHER W. REMICK, P.E. LICENSE NUMBER 80458 GORTEMOLLER ENGINEERING, INC. 708 THOMAS DRIVE PANAMA CITY BEACH, FL 32408	ROAD NO.	COUNTY	FINANCIAL PROJECT ID		65
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DEPARTMENT OF ENVIRONMENTAL PROTECTION - STATE OF FLORIDA -

Permit Number

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REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

ENGINEER OF RECORD
HEATHER W. REMICK, P.E.
LICENSE NUMBER 80458
GORTEMOLLER ENGINEERING, INC.
708 THOMAS DRIVE
PANAMA CITY BEACH, FL 32408

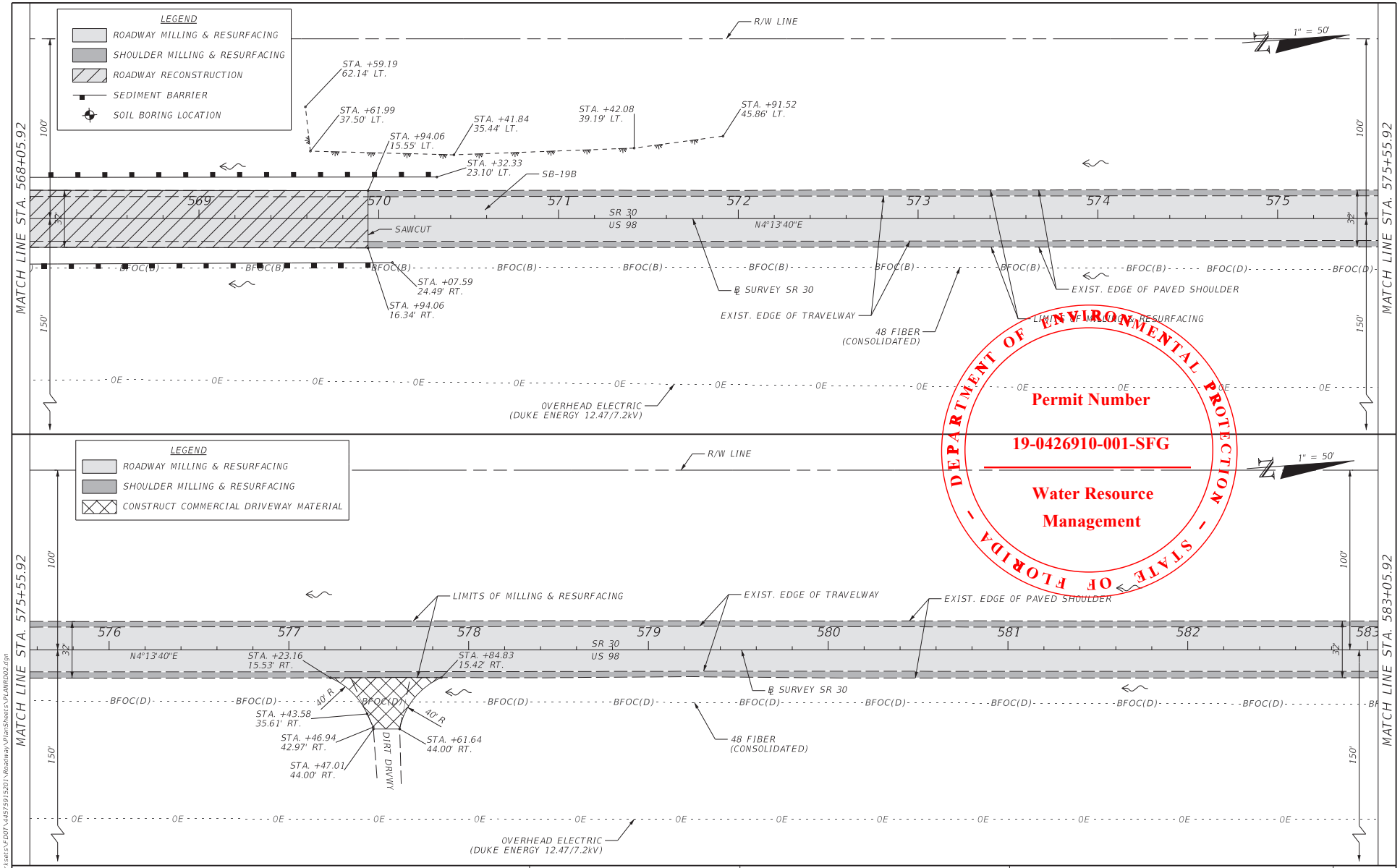
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 30	FRANKLIN	445759-1-52-01

ROADWAY PLAN

SHEET NO. 66

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DEPARTMENT OF ENVIRONMENTAL PROTECTION - STATE OF FLORIDA -

Permit Number

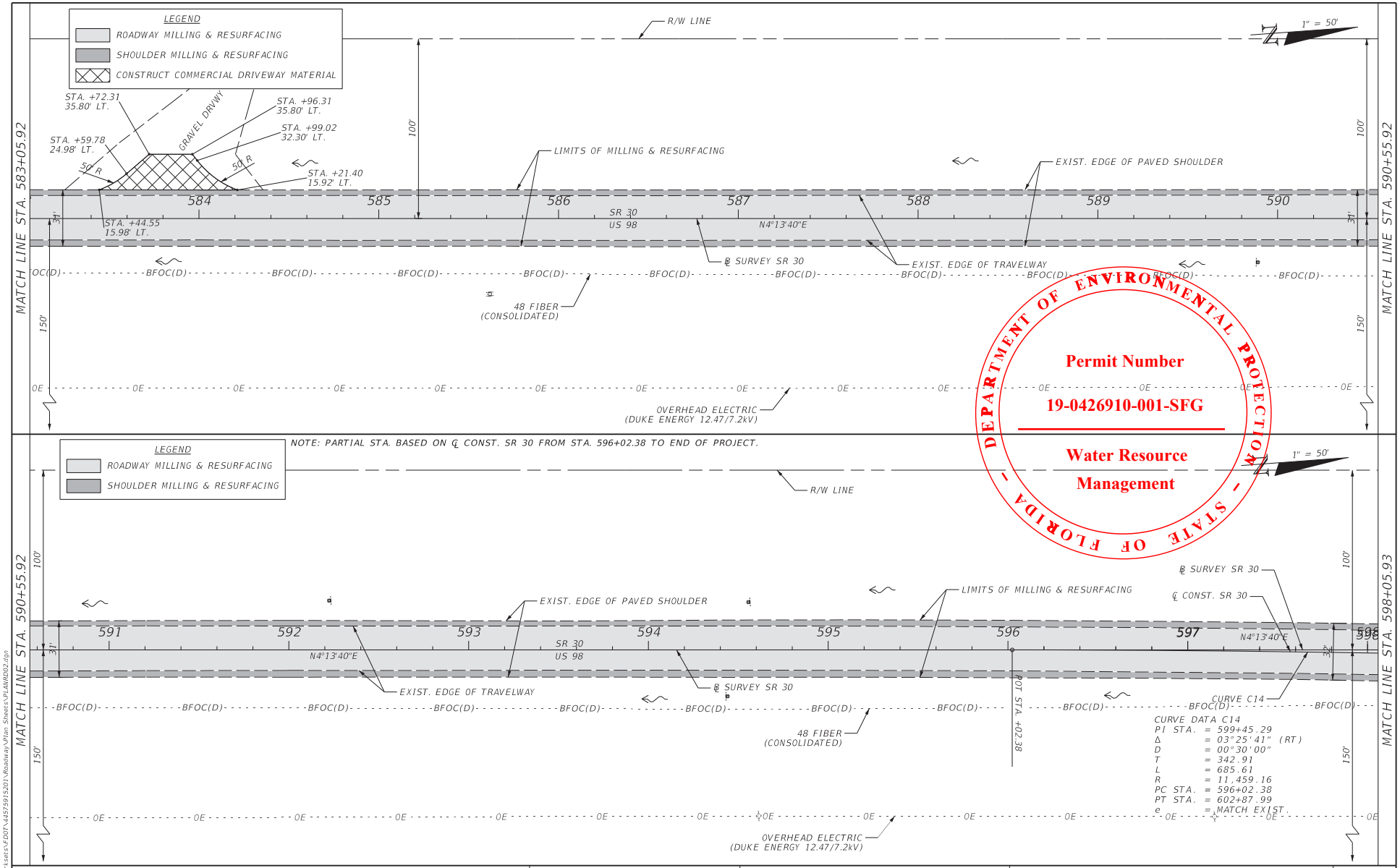
19-0426910-001-SFG

Water Resource Management

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REVISIONS				ENGINEER OF RECORD	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			ROADWAY PLAN	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	HEATHER W. REMICK, P.E. LICENSE NUMBER 80458 GORTEMOLLER ENGINEERING, INC. 708 THOMAS DRIVE PANAMA CITY BEACH, FL 32408	ROAD NO.	COUNTY	FINANCIAL PROJECT ID		67
					SR 30	FRANKLIN	445759-1-52-01		

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DEPARTMENT OF ENVIRONMENTAL PROTECTION - STATE OF FLORIDA -

Permit Number

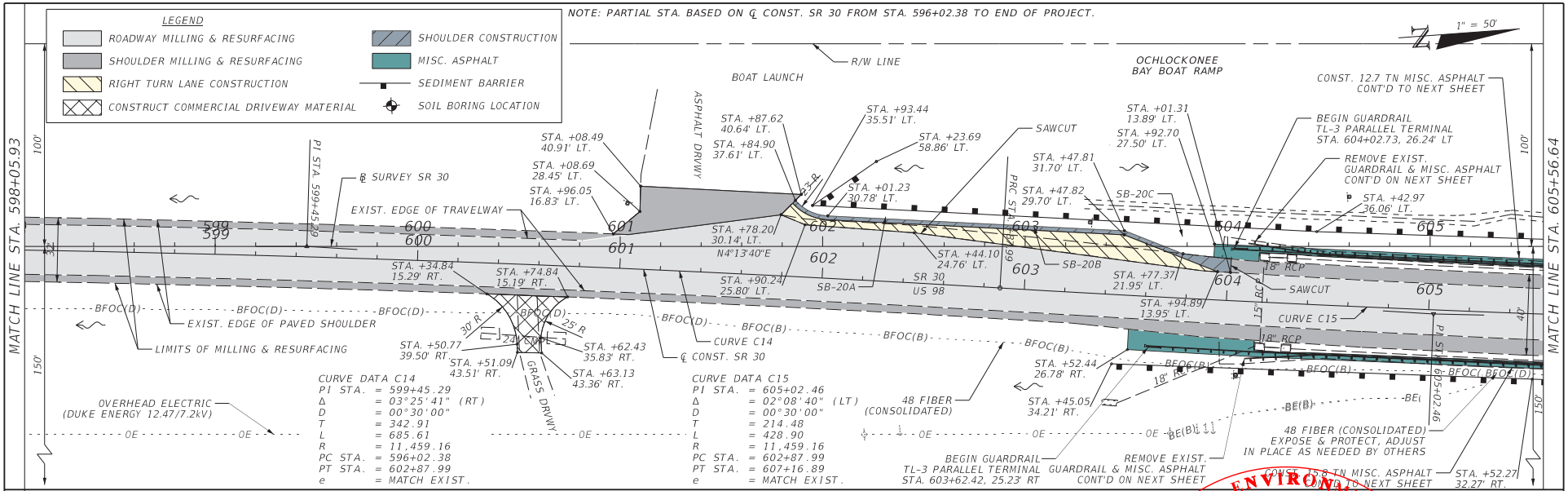
19-0426910-001-SFG

Water Resource Management

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REVISIONS				ENGINEER OF RECORD	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			ROADWAY PLAN	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	HEATHER W. REMICK, P.E. LICENSE NUMBER 80458 GORTEMOLLER ENGINEERING, INC. 708 THOMAS DRIVE PANAMA CITY BEACH, FL 32408	ROAD NO.	COUNTY	FINANCIAL PROJECT ID		68
					SR 30	FRANKLIN	445759-1-52-01		



DEPARTMENT OF ENVIRONMENTAL PROTECTION - STATE OF FLORIDA

Permit Number

19-0426910-001-SFG

Water Resource Management

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

ENGINEER OF RECORD

HEATHER W. REMICK, P.E.
LICENSE NUMBER 80458
GORTEMOLLER ENGINEERING, INC.
708 THOMAS DRIVE
PANAMA CITY BEACH, FL 32408

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

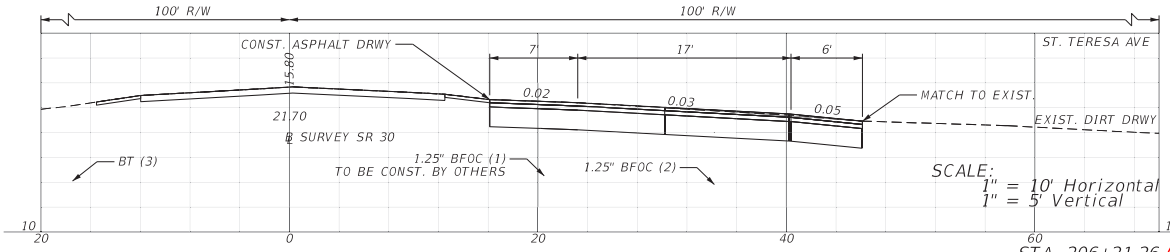
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 30	FRANKLIN	445759-1-52-01

ROADWAY PLAN

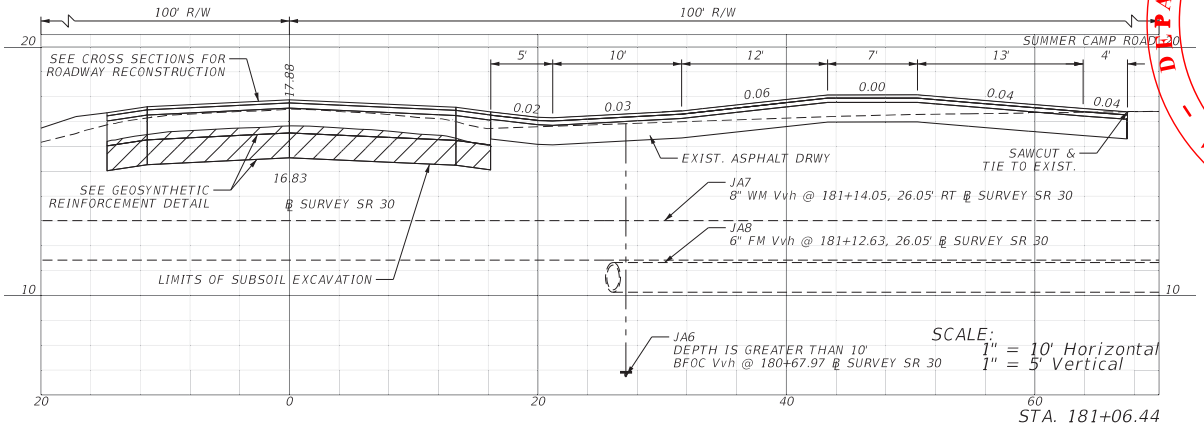
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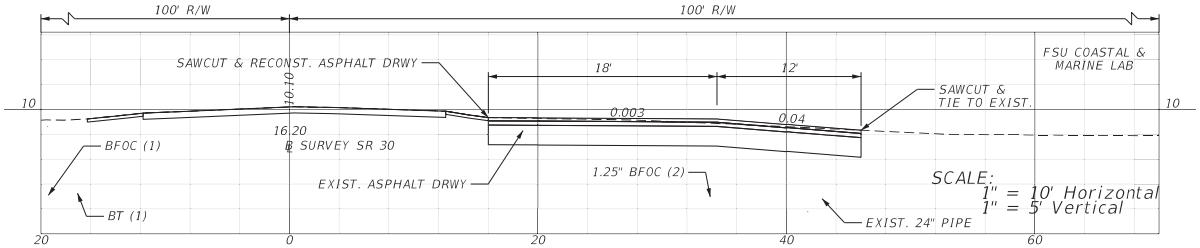
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STA. 206+21.26



STA. 181+06.44



STA. 88+38.42

DEPARTMENT OF ENVIRONMENTAL PROTECTION - STATE OF FLORIDA -

Permit Number

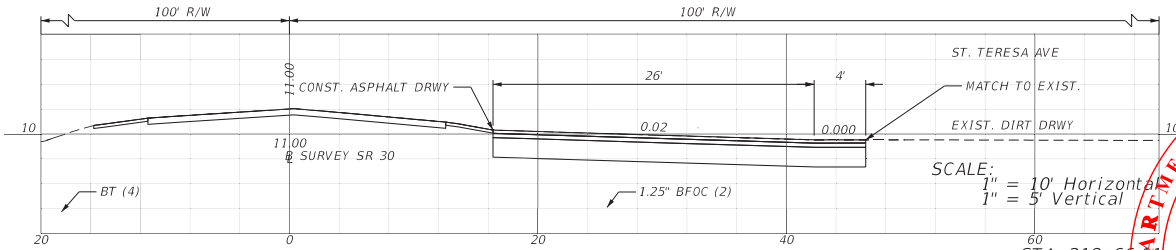
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Water Resource Management

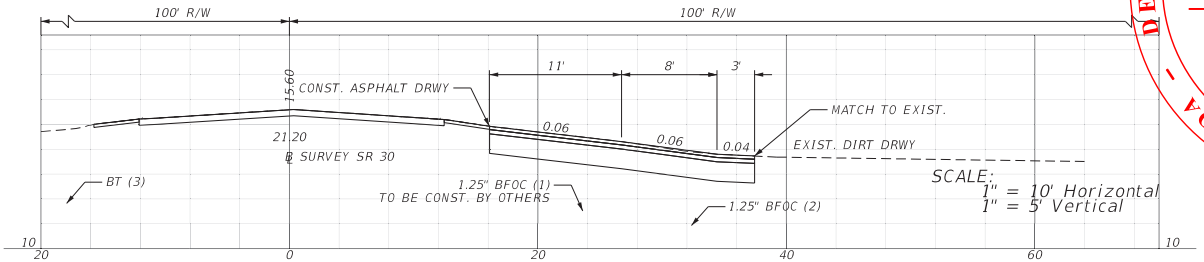
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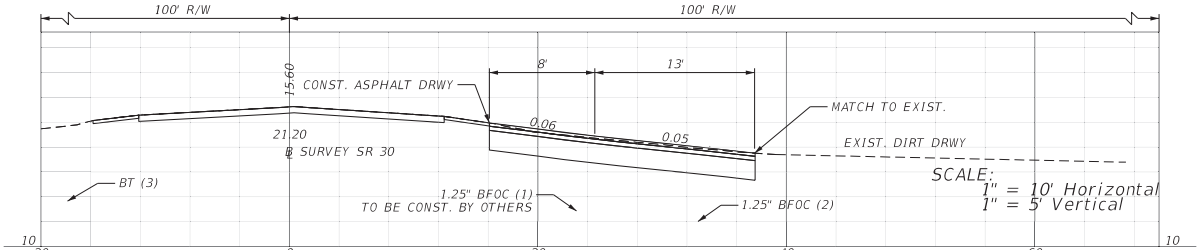
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DATE	DESCRIPTION	DATE	DESCRIPTION	HEATHER W. REMICK, P.E. LICENSE NUMBER 80458 GORTEMOLLER ENGINEERING, INC. 708 THOMAS DRIVE PANAMA CITY BEACH, FL 32408	ROAD NO.	COUNTY	FINANCIAL PROJECT ID		70
					SR 30	FRANKLIN	445759-1-52-01		



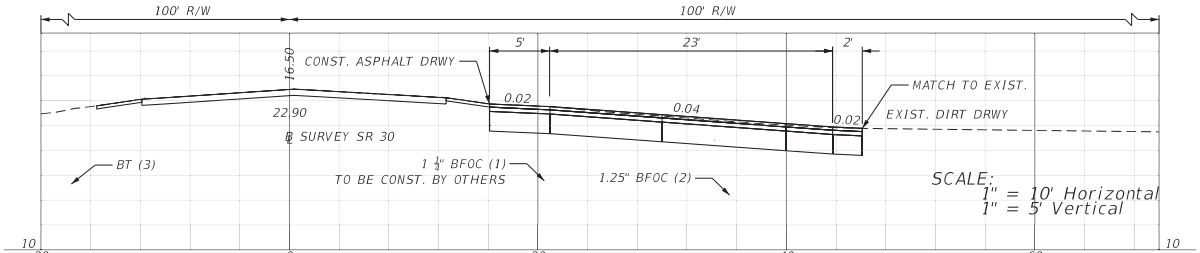
STA. 218+66.11



STA. 212+14.16



STA. 211+74.85



STA. 207+31.59

DEPARTMENT OF ENVIRONMENTAL PROTECTION - STATE OF FLORIDA -

Permit Number

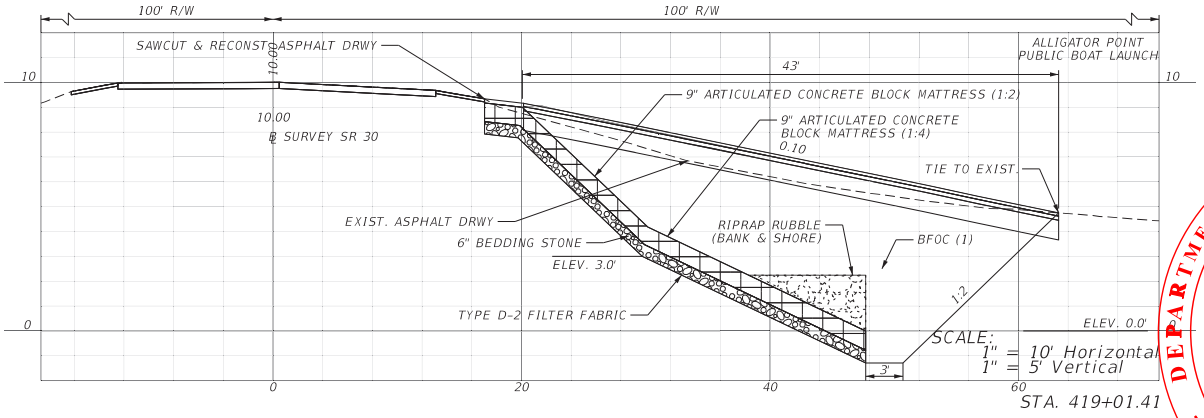
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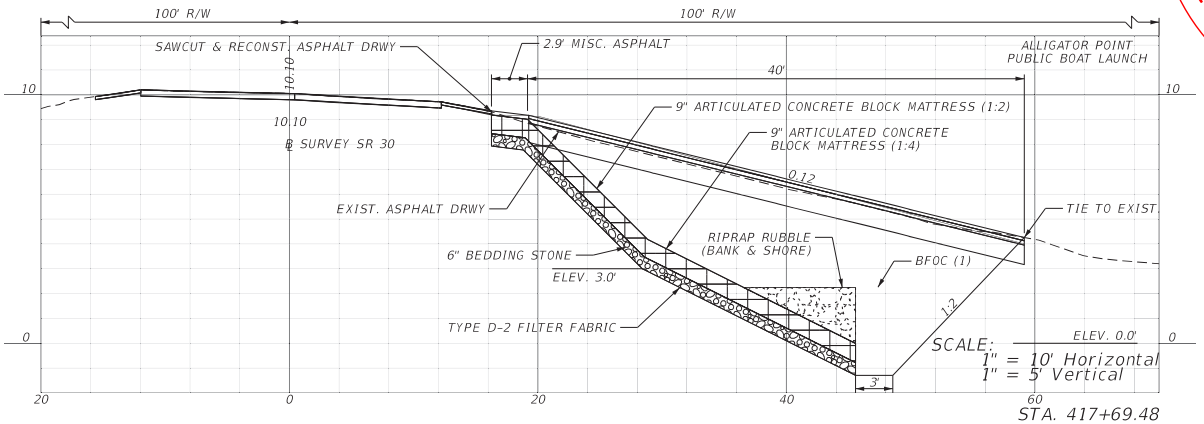
Water Resource Management

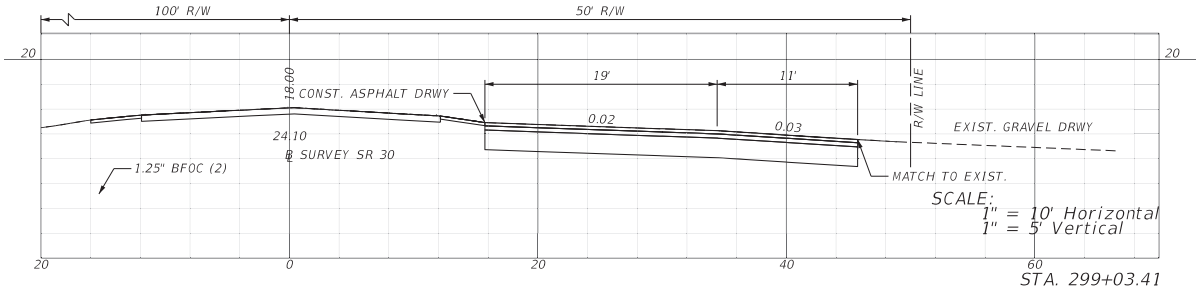
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REVISIONS				ENGINEER OF RECORD	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			DRIVEWAY PROFILES	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	HEATHER W. REMICK, P.E. LICENSE NUMBER 80458 GORTEMOLLER ENGINEERING, INC. 708 THOMAS DRIVE PANAMA CITY BEACH, FL 32408	ROAD NO.	COUNTY	FINANCIAL PROJECT ID		71
					SR 30	FRANKLIN	445759-1-52-01		







DEPARTMENT OF ENVIRONMENTAL PROTECTION - STATE OF FLORIDA -

Permit Number

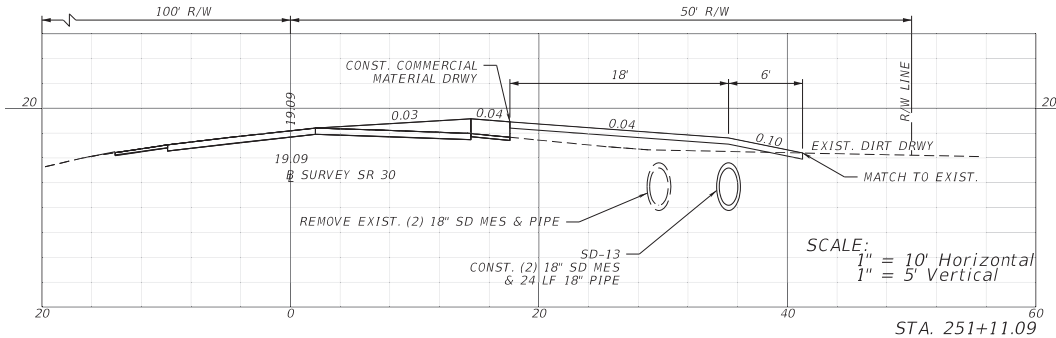
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Water Resource Management

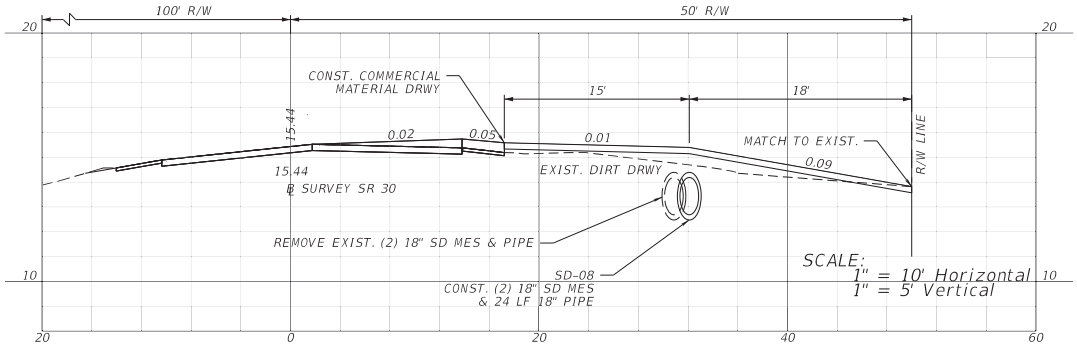
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REVISIONS				ENGINEER OF RECORD	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			DRIVEWAY PROFILES	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	HEATHER W. REMICK, P.E. LICENSE NUMBER 80458 GORTEMOLLER ENGINEERING, INC. 708 THOMAS DRIVE PANAMA CITY BEACH, FL 32408	ROAD NO.	COUNTY	FINANCIAL PROJECT ID		72
					SR 30	FRANKLIN	445759-1-52-01		

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STA. 251+11.09



STA. 242+51.41

DEPARTMENT OF ENVIRONMENTAL PROTECTION - STATE OF FLORIDA

Permit Number

19-0426910-001-SFG

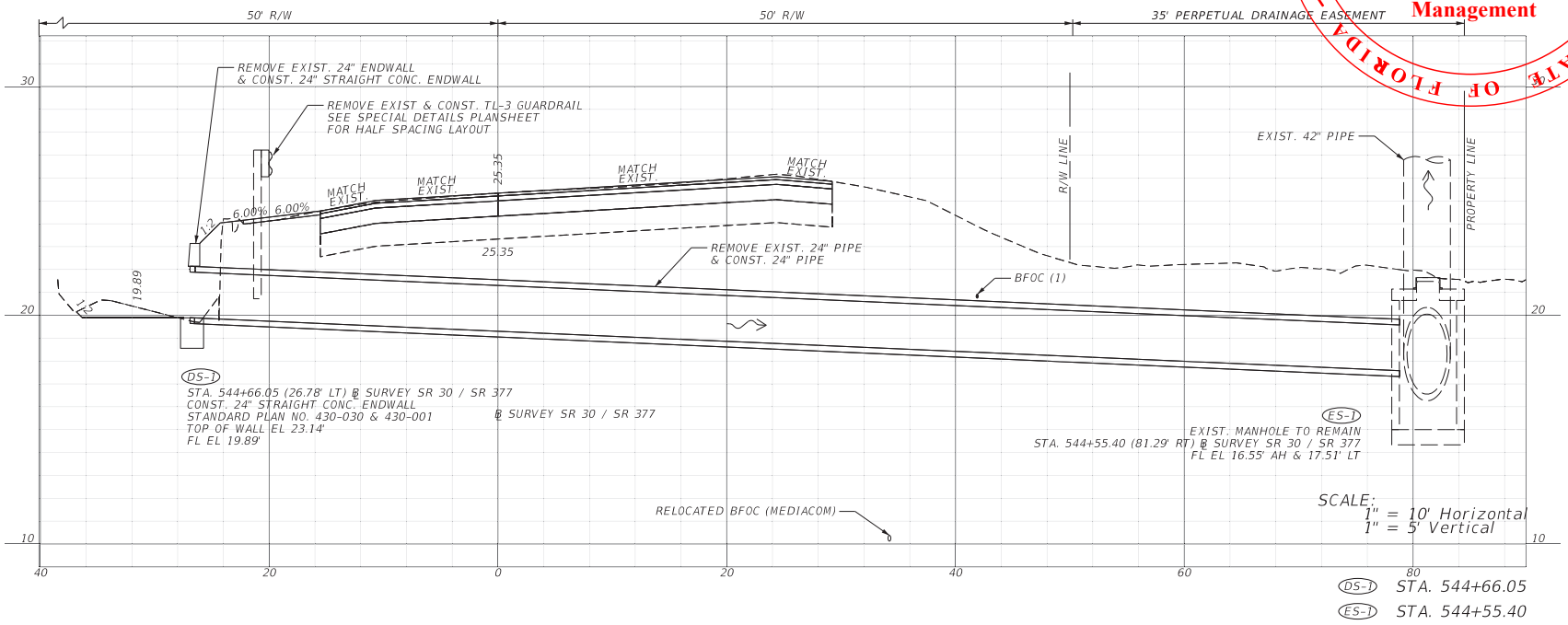
Water Resource Management

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REVISIONS				ENGINEER OF RECORD	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			DRIVEWAY PROFILES	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	HEATHER W. REMICK, P.E. LICENSE NUMBER 80458 GORTEMOLLER ENGINEERING, INC. 708 THOMAS DRIVE PANAMA CITY BEACH, FL 32408	ROAD NO.	COUNTY	FINANCIAL PROJECT ID		73
					SR 30	FRANKLIN	445759-1-52-01		

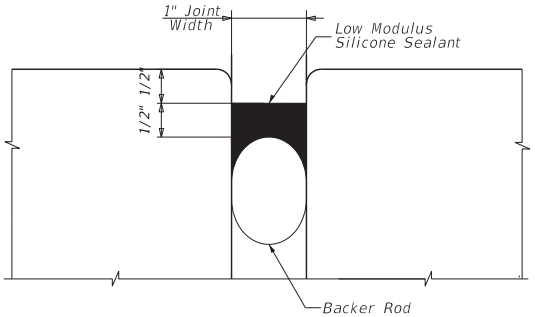
DEPARTMENT OF ENVIRONMENTAL PROTECTION - STATE OF FLORIDA -
Permit Number
19-0426910-001-SFG
Water Resource Management



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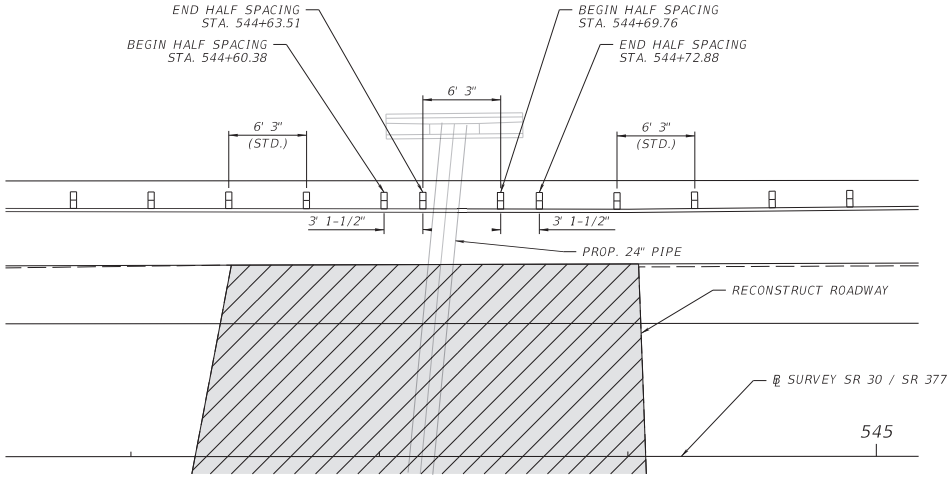
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REVISIONS				ENGINEER OF RECORD	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			DRAINAGE STRUCTURES	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	HEATHER W. REMICK, P.E. LICENSE NUMBER 80458 GORTEMOLLER ENGINEERING, INC. 708 THOMAS DRIVE PANAMA CITY BEACH, FL 32408	ROAD NO.	COUNTY	FINANCIAL PROJECT ID		74
					SR 30	FRANKLIN	445759-1-52-01		



BRIDGE JOINT DETAIL
(STA. 90+56.94, STA. 91+18.81, & STA. 607+17.83)

DEPARTMENT OF ENVIRONMENTAL PROTECTION - STATE OF FLORIDA -
Permit Number
19-0426910-001-SFG
Water Resource Management

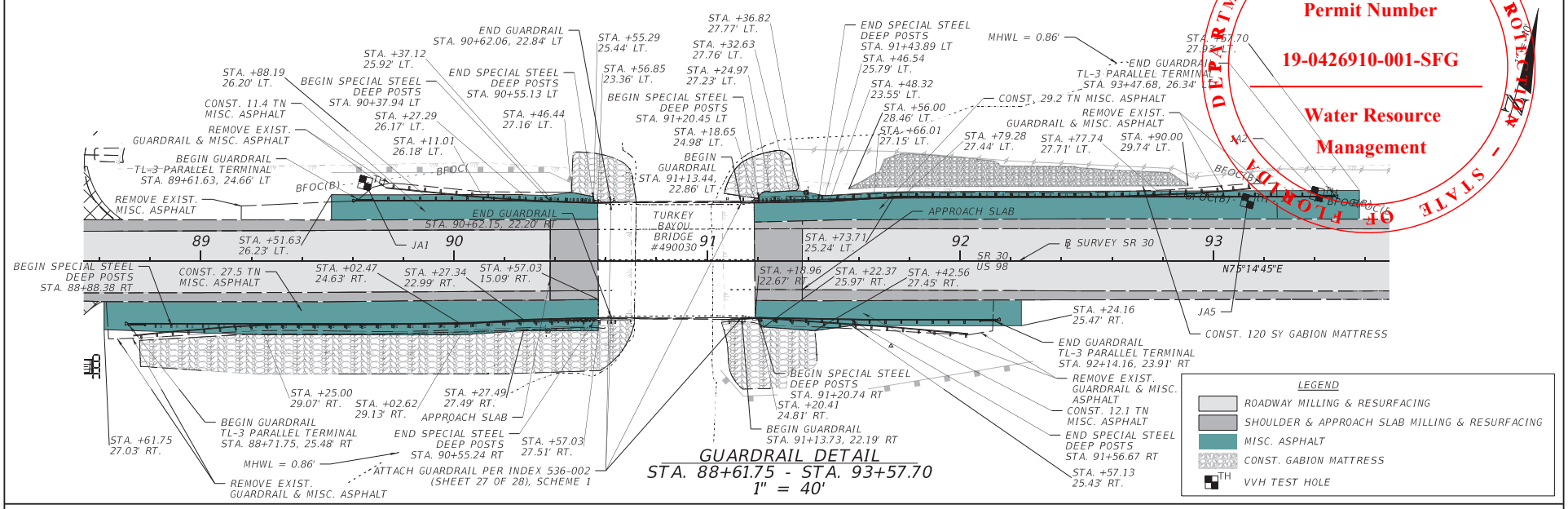


GUARDRAIL POST SPACING DETAIL
STA. 544+60 - STA. 544+73
1" = 20'

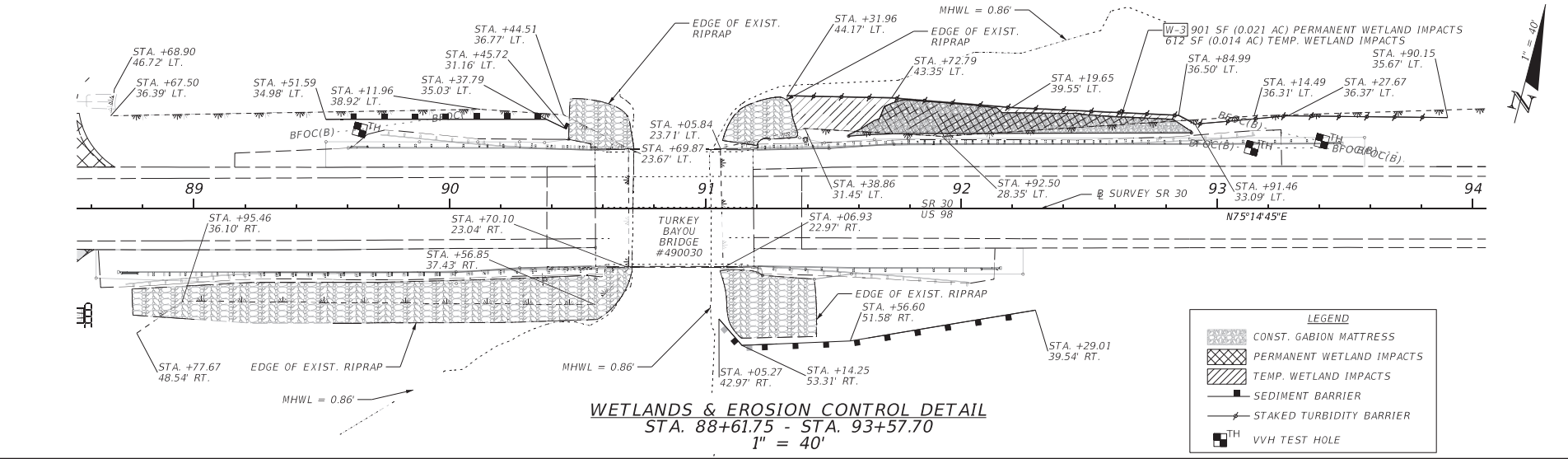
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REVISIONS				ENGINEER OF RECORD	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SPECIAL DETAILS	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	HEATHER W. REMICK, P.E. LICENSE NUMBER 80458 GORTEMOLLER ENGINEERING, INC. 708 THOMAS DRIVE PANAMA CITY BEACH, FL 32408	ROAD NO.	COUNTY	FINANCIAL PROJECT ID		75
					SR 30	FRANKLIN	445759-1-52-01		

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GUARDRAIL DETAIL
STA. 88+61.75 - STA. 93+57.70
1" = 40'



WETLANDS & EROSION CONTROL DETAIL
STA. 88+61.75 - STA. 93+57.70
1" = 40'

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

ENGINEER OF RECORD
HEATHER W. REMICK, P.E.
LICENSE NUMBER 80458
GORTEMOLLER ENGINEERING, INC.
708 THOMAS DRIVE
PANAMA CITY BEACH, FL 32408

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 30	FRANKLIN	445759-1-52-01

SPECIAL DETAILS

SHEET NO. 76

DEPARTMENT OF ENVIRONMENTAL PROTECTION - STATE OF FLORIDA
Permit Number
19-0426910-001-SFG
Water Resource Management

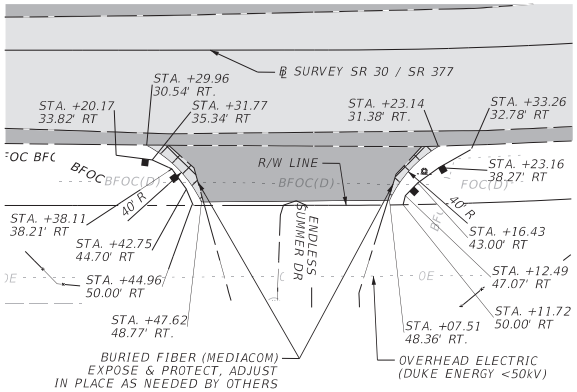
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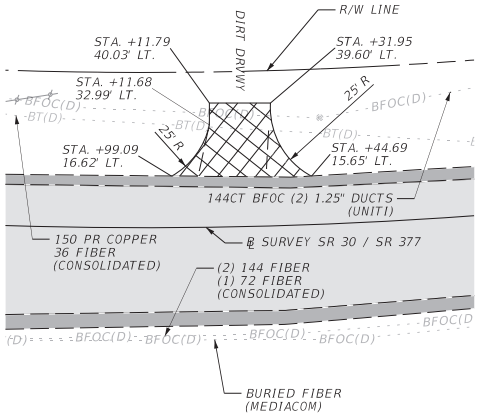
DEPARTMENT OF ENVIRONMENTAL PROTECTION - STATE OF FLORIDA
Permit Number
19-0426910-001-SFG
Water Resource Management

LEGEND

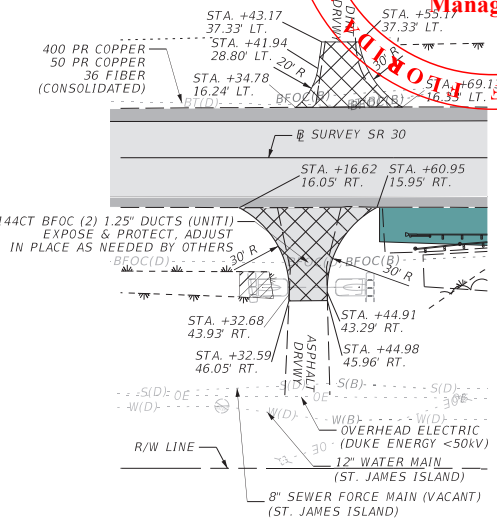
TURNOUT MILLING & RESURFACING | TURNOUT CONSTRUCTION | CONSTRUCT COMMERCIAL DRIVEWAY MATERIAL | MISC. ASPHALT | ROADWAY RECONSTRUCTION | TH VVH TEST HOLE



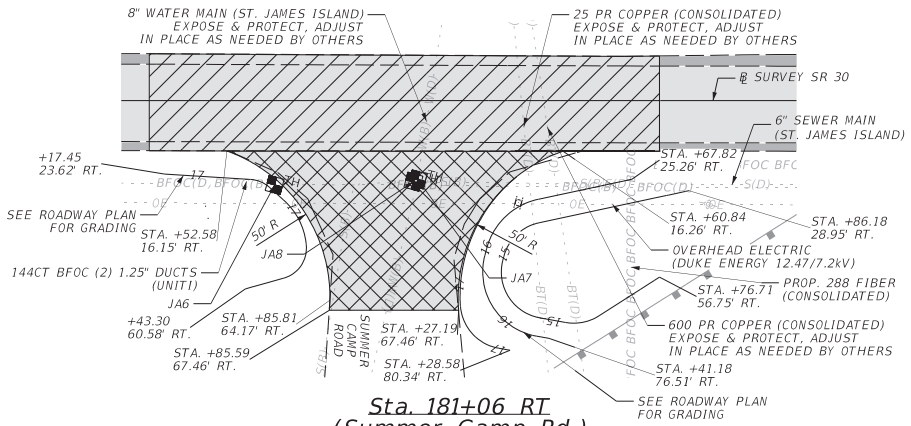
Sta. 545+80 RT - SR 30 / SR 377
(Endless Summer Dr.)



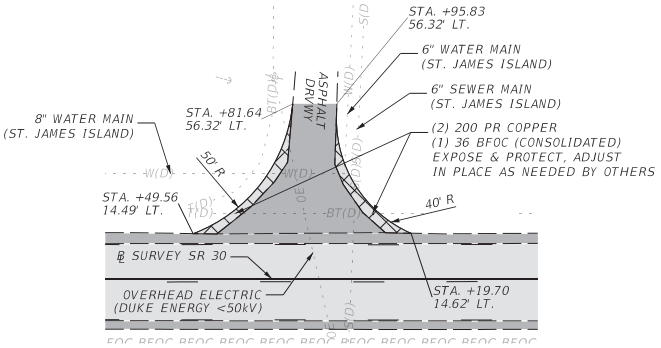
Sta. 548+20 LT - SR 30 / SR 377



Sta. 88+38 RT & Sta. 88+49 LT
(FSU Marine Lab Drwy & Dirt Drwy)



Sta. 181+06 RT
(Summer Camp Rd.)



Sta. 186+88 LT
(St. Joe Company Drwy)

REVISIONS				ENGINEER OF RECORD	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			TURNOUT DETAILS	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	HEATHER W. REMICK, P.E. LICENSE NUMBER 80458 GORTEMOLLER ENGINEERING, INC. 708 THOMAS DRIVE PANAMA CITY BEACH, FL 32408	ROAD NO.	COUNTY	FINANCIAL PROJECT ID		77
					SR 30	FRANKLIN	445759-1-52-01		

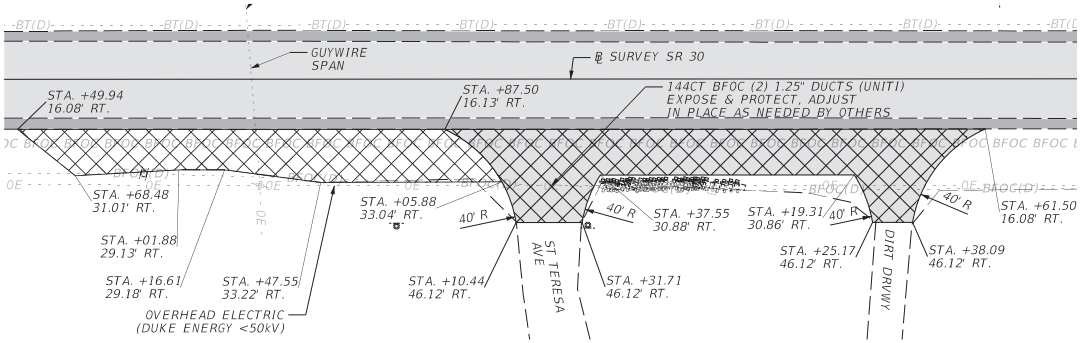
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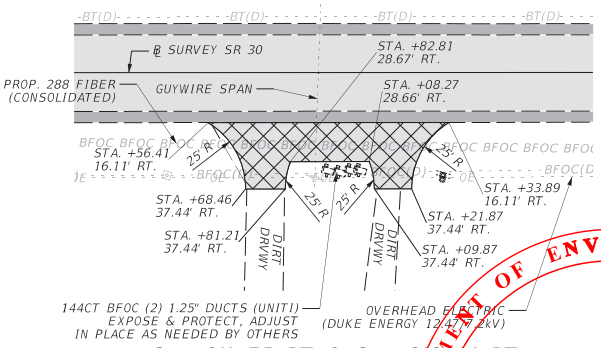
LEGEND

TURNOUT CONSTRUCTION

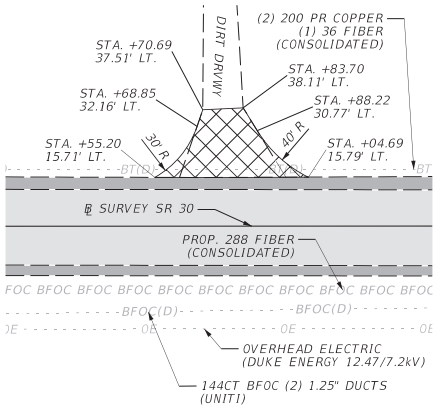
CONSTRUCT COMMERCIAL DRIVEWAY MATERIAL



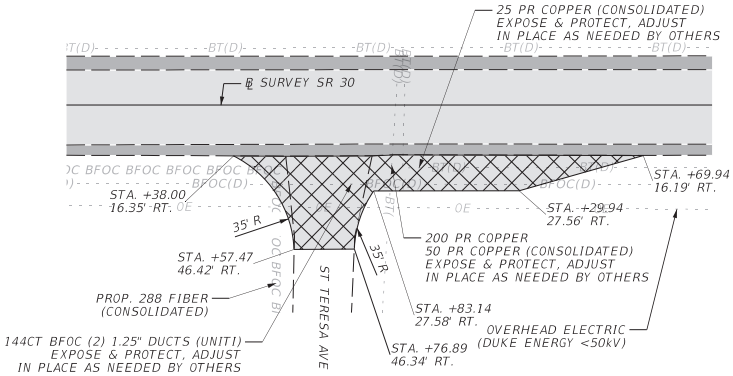
Sta. 206+21 RT & Sta. 207+32 RT
(St. Teresa Ave.)



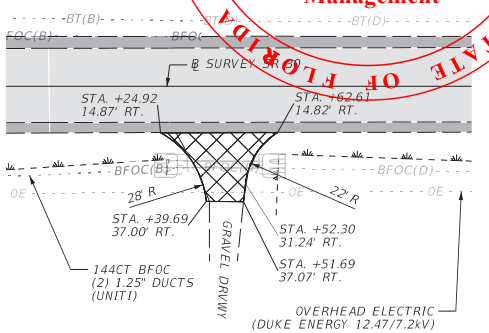
Sta. 211+75 RT & Sta. 212+14 RT



Sta. 215+80 LT



Sta. 218+66 RT
(St. Teresa Ave.)



Sta. 233+45 RT

DEPARTMENT OF ENVIRONMENTAL PROTECTION - STATE OF FLORIDA -

Permit Number

19-0426910-001-SFG

Water Resource Management

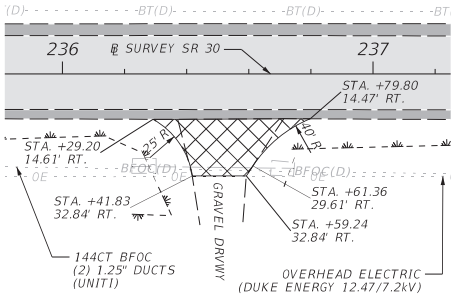
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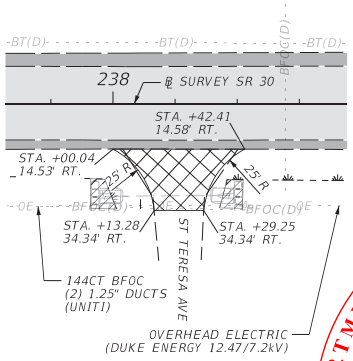
REVISIONS				ENGINEER OF RECORD	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			TURNOUT DETAILS	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	HEATHER W. REMICK, P.E. LICENSE NUMBER 80458 GORTEMOLLER ENGINEERING, INC. 708 THOMAS DRIVE PANAMA CITY BEACH, FL 32408	ROAD NO.	COUNTY	FINANCIAL PROJECT ID		78
					SR 30	FRANKLIN	445759-1-52-01		

LEGEND

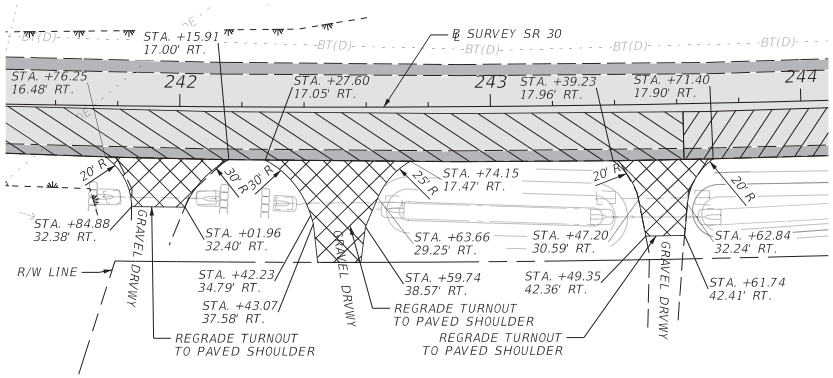
TURNOUT CONSTRUCTION | CONSTRUCT COMMERCIAL DRIVEWAY MATERIAL | SUPERELEVATION TRANSITION | SUPERELEVATION CORRECTION



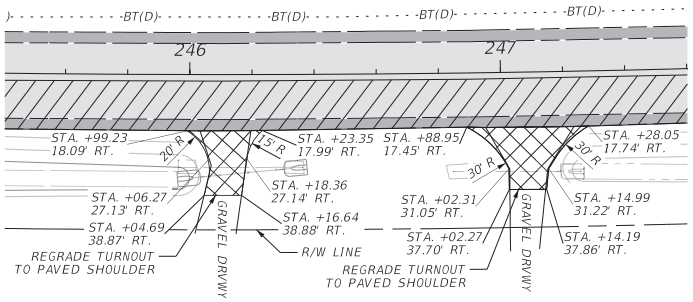
Sta. 236+50 RT



Sta. 238+20 RT



Sta. 241+93 RT, Sta. 242+52 RT & 243+55 RT



Sta. 246+15 RT & 247+05 RT

DEPARTMENT OF ENVIRONMENTAL PROTECTION - STATE OF FLORIDA -
Permit Number
19-0426910-001-SFG
Water Resource Management

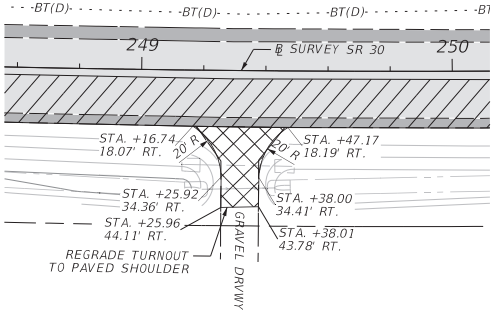
REVISIONS				ENGINEER OF RECORD	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			TURNOUT DETAILS	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	HEATHER W. REMICK, P.E. LICENSE NUMBER 80458 GORTEMOLLER ENGINEERING, INC. 708 THOMAS DRIVE PANAMA CITY BEACH, FL 32408	ROAD NO.	COUNTY	FINANCIAL PROJECT ID		79
					SR 30	FRANKLIN	445759-1-52-01		

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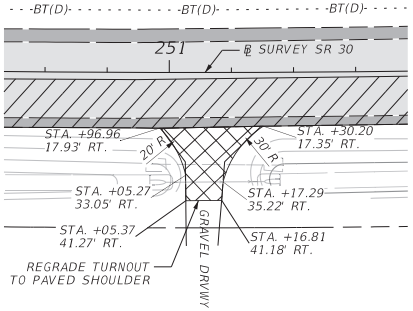
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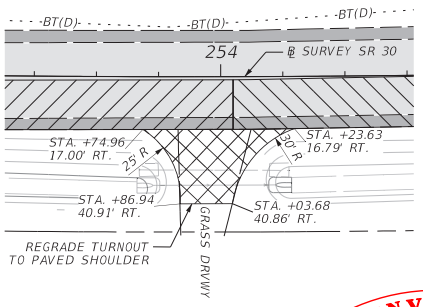
TURNOUT CONSTRUCTION | CONSTRUCT COMMERCIAL DRIVEWAY MATERIAL | SUPERELEVATION TRANSITION | SUPERELEVATION CORRECTION



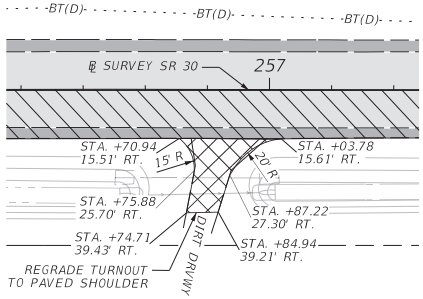
Sta. 249+30 RT



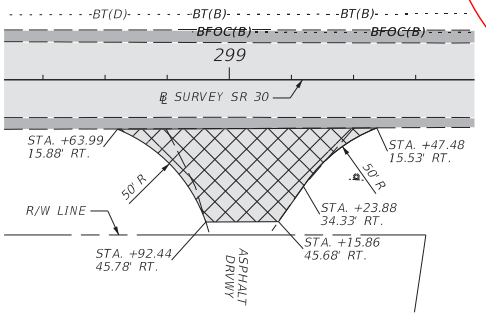
Sta. 251+15 RT



Sta. 254+00 RT



Sta. 256+85 RT



Sta. 299+03 RT

DEPARTMENT OF ENVIRONMENTAL PROTECTION - STATE OF FLORIDA

Permit Number

19-0426910-001-SFG

Water Resource Management

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REVISIONS				ENGINEER OF RECORD	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			TURNOUT DETAILS	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	HEATHER W. REMICK, P.E. LICENSE NUMBER 80458 GORTEMOLLER ENGINEERING, INC. 708 THOMAS DRIVE PANAMA CITY BEACH, FL 32408	ROAD NO.	COUNTY	FINANCIAL PROJECT ID		80
					SR 30	FRANKLIN	445759-1-52-01		

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LEGEND

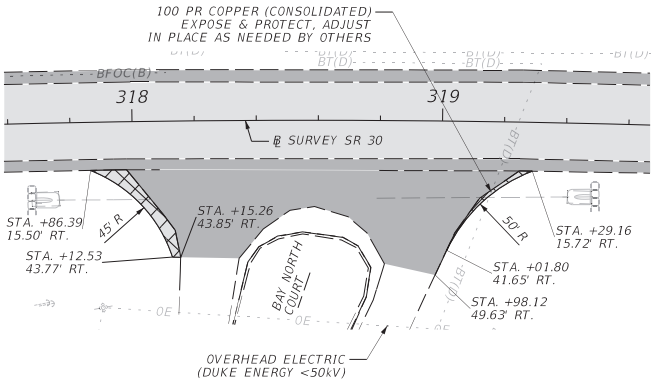
TURNOUT MILLING & RESURFACING

TURNOUT CONSTRUCTION

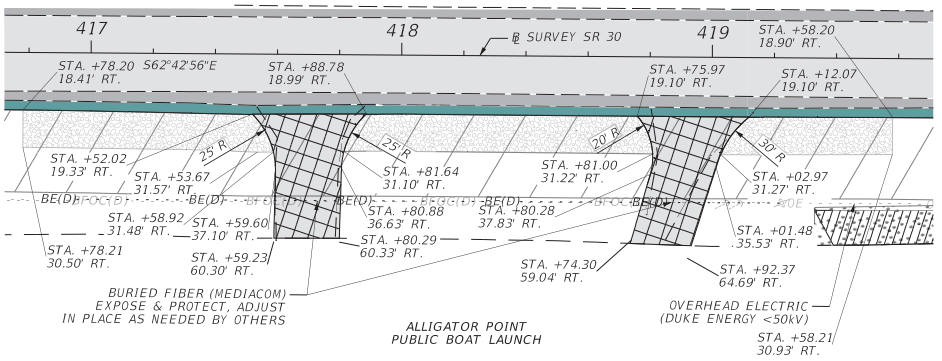
SHOULDER STABILIZATION

MISC. ASPHALT

ARTICULATING CONCRETE BLOCK



Sta. 318+60 RT
(Bay North Court)



Sta. 417+69 RT & Sta. 418+93 RT
(Alligator Point Boat Launch)

DEPARTMENT OF ENVIRONMENTAL PROTECTION - STATE OF FLORIDA -

Permit Number

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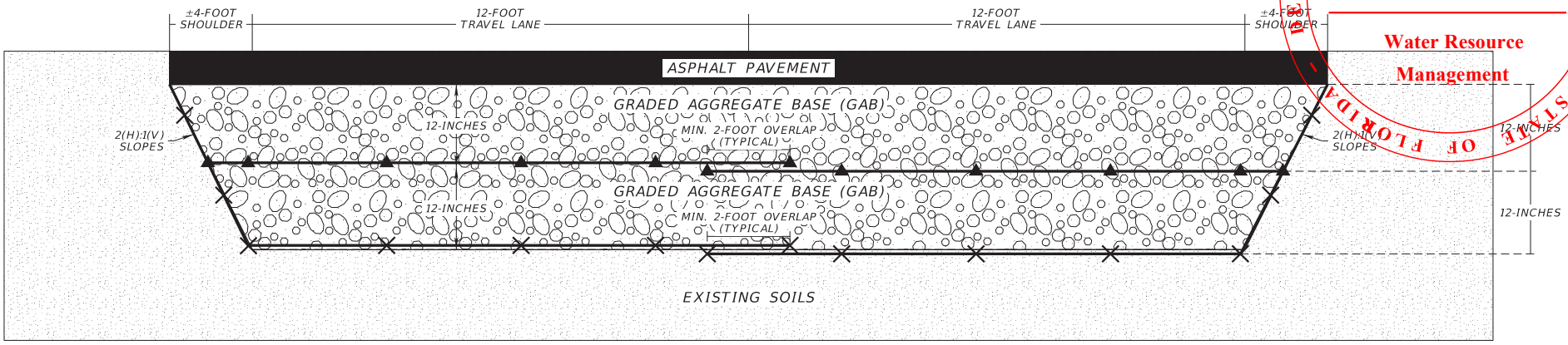
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REVISIONS				ENGINEER OF RECORD	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			TURNOUT DETAILS	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	HEATHER W. REMICK, P.E. LICENSE NUMBER 80458 GORTEMOLLER ENGINEERING, INC. 708 THOMAS DRIVE PANAMA CITY BEACH, FL 32408	ROAD NO.	COUNTY	FINANCIAL PROJECT ID		81
					SR 30	FRANKLIN	445759-1-52-01		

TYPICAL SECTION

GEOSYNTHETIC REINFORCEMENT AT SUMMER CAMP ROAD
STA. 180+27.58 TO STA. 181+91.89

(Not To Scale)



LEGEND

- BIAXIAL EXTRUDED GEOGRID (NOTE 4)
- WOVEN GEOTEXTILE (NOTE 5)

PAY ITEMS

120-4 SUBSOIL EXCAVATION (PER CUBIC YARD)
COVERS REMOVAL OF ALL MATERIAL NECESSARY TO CONSTRUCT THE REINFORCEMENT DETAIL.

145-2 GEOSYNTHETIC REINFORCED FOUNDATIONS OVER SOFT SOIL (PER SQUARE YARD)
COVERS ALL WORK, MATERIALS, AND SERVICES SPECIFIED IN SECTION 145, INCLUDING ALL GEOSYNTHETIC MATERIALS (WOVEN GEOTEXTILE & BIAXIAL GEOGRID).

285-7AA OPTIONAL BASE (PER SQUARE YARD)
COVERS ALL MATERIAL AND WORK FOR PLACEMENT OF THE GRADED AGGREGATE BASE (GAB).

NOTES

1. INSTALLATION PROCESS SHALL FOLLOW FDOT SPECIFICATION 145, EXCEPT AS NOTED BELOW:
   - A. REMOVE THE EXISTING ASPHALT & EXCAVATE TO THE PROPOSED BOTTOM OF THE GRADED AGGREGATE BASE (GAB) LAYER.
   - B. PREPARE A SMOOTH, UNIFORM SUBGRADE AT THE PROPER ELEVATION (DEPTH). STATICALLY PROOF ROLL THE GRADED AREA WITH A SMOOTH DRUM ROLLER WITH AN OPERATING WEIGHT BETWEEEN 5 AND 8 TONS IN THE PRESENCE OF THE ENGINEER. MAKE 3 PASSES, OR AS DIRECTED BY THE ENGINEER. REMOVE & REPLACE ANY SOFT OR YIELDING SUBSOILS THAT ARE, IN THE OPINION OF THE ENGINEER, INCAPABLE OF SUSTAINING THE REQUIRED PROOF ROLLING. IF REQUIRED, THE SUBSOILS SHOULD BE REPLACED WITH AASHTO TYPE A-1 OR A-3 "SELECT" EMBANKMENT FILL PLACED IN LOOSE LIFTS NOT MORE THAN 6 INCHES IN THICKNESS AND STATICALLY COMPACTED TO A FIRM AND STABLE CONDITION.
   - C. PLACE THE WOVEN GEOTEXTILE ON THE PREPARED SUBGRADE. IT SHOULD BE ROLLED OUT FLAT AND TIGHT WITH NO WRINKLES. UNROLL THE MATERIAL IN THE DIRECTION OF TRAFFIC SO THAT THE MACHINE DIRECTION IS PARALLEL TO THE CENTERLINE OF THE ROADWAY.
   - D. ALL EDGES, SIDES AND SEAMS OF THE GEOSYNTHETICS TO BE OVERLAPPED A MINIMUM OF 24 INCHES. OVERLAPS SHOULD BE SHINGLED IN THE DIRECTION OF FILL PLACEMENT.
   - E. THE GAB FILL LAYER SHOULD BE PLACED IN LOOSE LIFTS NOT TO EXCEED 6 INCHES IN THICKNESS. THE INITIAL 6-INCH THICK LIFT SHOULD BE COMPACTED TO A FIRM AND STABLE CONDITION PRIOR TO PLACEMENT OF THE 2ND LIFT. ALL LIFTS ABOVE THE INITIAL 6-INCH THICK LIFT ARE TO BE COMPACTED TO 100% OF THE MODIFIED PROCTOR MAXIMUM DENSITY.
   - F. A MINIMUM OF 6 INCHES OF GAB FILL IS REQUIRED PRIOR TO OPERATION OF TRACKED EQUIPMENT ON THE GEOSYNTHETIC. TURNING OF TRACKED EQUIPMENT ON THE AGGREGATE FILL SHOULD BE AVOIDED TO PREVENT DISPLACEMENT OF THE FILL AND CAUSING DAMAGE TO THE GEOSYNTHETIC.
   - G. PLACE THE BIAXIAL GEOGRID AT THE MIDDLE OF THE GAB AS SHOWN.
2. GEOSYNTHETIC REINFORCEMENT SHALL MEET THE REQUIREMENTS OF FDOT SPECIFICATION 985 AND SHALL BE ONE OF THE PRODUCTS LISTED ON THE FDOT APPROVED PRODUCT LIST (APL).
3. GRADED AGGREGATE BASE (GAB) MATERIAL SHALL MEET THE REQUIREMENTS OF FDOT SPECIFICATION 204.
4. EXTRUDED BIAXIAL GEOGRID (FDOT STANDARD SPECIFICATION 985) WITH A MINIMUM ULTIMATE TENSILE STRENGTH OF 1300 LBS/FT IN BOTH DIRECTIONS, AT ≤ 10% STRAIN. THE MATERIAL IS TO HAVE AN APL APPROVED APPLICATION USAGE OF R-5 (CONSTRUCTION EXPEDIENT).
5. WOVEN GEOTEXTILE (FDOT STANDARD SPECIFICATION 985) WITH A MINIMUM MACHINE DIRECTION TENSILE STRENGTH AND CROSS DIRECTION TENSILE STRENGTH OF 1800 LBS/FT AND 2250 LBS/FT, RESPECTIVELY, AT 5% STRAIN. THE MATERIAL IS TO HAVE AN APL APPROVED APPLICATION USAGE OF R-5 (CONSTRUCTION EXPEDIENT).
6. ALL WORK TO BE PERFORMED IN THE DRY. DEWATERING MAY BE REQUIRED.
7. TIE-INS AT STA. 180+27.58 AND STA. 181+91.89 WILL BE THE SAME AS THE TIE-INS ALONG THE SHOULDERS. 2(H):1(V) SLOPES LINED WITH WOVEN GEOTEXTILE.

DEPARTMENT OF ENVIRONMENTAL PROTECTION
STATE OF FLORIDA
Permit Number
19-0426910-001-SFG
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REVISIONS				ENGINEER OF RECORD	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION				SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	CRAIG E. DUNKELBERGER, P.E. P.E. NO.: 49932 ENVIRONMENTAL & GEOTECHNICAL SPECIALISTS, INC. 3676 HARTSFIELD ROAD TALLAHASSEE, FLORIDA 32303	ROAD NO.	COUNTY	FINANCIAL PROJECT ID	GEOSYNTHETIC REINFORCEMENT DETAIL	82
					SR 30	FRANKLIN	445759-1-52-01		

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DATE OF SURVEY: NOVEMBER 2022

SURVEY MADE BY: ENVIRONMENTAL AND GEOTECHNICAL SPECIALISTS, INC.

SUBMITTED BY: CRAIG E. DUNKELBERGER, P.E.

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION
MATERIALS AND RESEARCH

DISTRICT: THREE

ROAD NO.: SR 30

COUNTY: FRANKLIN

FINANCIAL PROJECT ID : 445759-1-52-01

PROJECT NAME: SR 30 (US 98) ARTICULATED CONCRETE MATS

CROSS SECTION SOILS SURVEY FOR THE DESIGN OF ROADS

REFERENCE: ℄ SURVEY SR 30 SURVEY BEGINS STA. : 400+00 SURVEY ENDS STA. : 433+00

	ORGANIC CONTENT			SIEVE ANALYSIS RESULTS PERCENT PASS (%)						ATTERBERG LIMITS (%)						CORROSION SERIES				
STRATUM NO.	NO. OF TESTS	% ORGANIC	MOISTURE CONTENT	NO. OF TESTS	10 MESH	40 MESH	60 MESH	100 MESH	200 MESH	NO. OF TESTS	LIQUID LIMIT	PLASTIC INDEX	AASHTO GROUP		DESCRIPTION	NO. OF TESTS	RESISTIVITY ohm-cm	CHLORIDES ppm	SULFATES ppm	pH
1	28	0.2-1.6	14-29	92	76-100	54-99	10-85	2-53	1-13	--	--	--	A-3, A-2-4	GRAY, BROWN	FINE SAND, SILTY FINE SAND (<15% PASSING #200 SIEVE)	3	7,500-21,000	30-280	<1-39	7.0-7.6
2	1	1.0	24	4	94-100	76-93	50-82	35-48	15-33	--	--	--	A-2-4	GRAY	SILTY FINE SAND (≥15% PASSING #200 SIEVE)	--	--	--	--	--
3	--	--	--	2	100	93-94	80-86	60-79	39-72	2	50-64	32-35	A-7-6	GRAY	HIGHLY PLASTIC CLAYEY SAND, HIGHLY PLASTIC CLAY WITH SAND	--	--	--	--	--
--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	BAY SURFACE WATER	1	33	50,000	2,700	8.0

STRATA NOTES

1. STRATA BOUNDARIES ARE APPROXIMATE AND REPRESENT SOIL STRATA AT EACH BORING ONLY. ANY SUBSOIL CONNECTING LINES SHOWN ARE FOR ESTIMATING ONLY AND DO NOT INDICATE ACTUAL STRATUM LIMITS. SUBSURFACE VARIATIONS BETWEEN BORINGS SHOULD BE ANTICIPATED.
2. REMOVAL OF MATERIAL ENCOUNTERED SHALL BE ACCOMPLISHED IN ACCORDANCE WITH FDOT STANDARD PLANS INDEX 120-002, UNLESS OTHERWISE SHOWN ON THE PLANS.
3. MATERIALS UTILIZED IN EMBANKMENT CONSTRUCTION SHALL BE "SELECT" SOIL IN ACCORDANCE WITH FDOT STANDARD PLANS INDEX 120-001.
4. STRATUM 1 REPRESENTS A "SELECT" MATERIAL.
5. STRATUM 2 REPRESENTS A "SELECT" MATERIAL. STRATUM 2 MAY ONLY BE USED ABOVE THE WATER TABLE. DUE TO THE FINES CONTENT, STRATUM 2 WILL RETAIN MOISTURE AND MAY BE DIFFICULT TO DRY AND COMPACT.
6. STRATUM 3 REPRESENTS A "HIGH PLASTIC" MATERIAL.

DEPARTMENT OF ENVIRONMENTAL PROTECTION - STATE OF FLORIDA -

Permit Number

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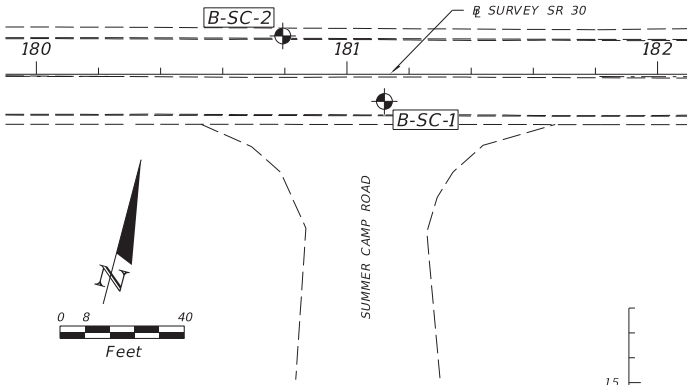
Water Resource Management

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REVISIONS				ENGINEER OF RECORD	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			ROADWAY SOIL SURVEY	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	CRAIG E. DUNKELBERGER, P.E. P.E. NO.: 49932 ENVIRONMENTAL & GEOTECHNICAL SPECIALIST, INC. 3676 HARTSFIELD ROAD TALLAHASSEE, FLORIDA 32303	ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
					SR 30	FRANKLIN	445759-1-52-01		83

SOIL BORING LOCATION MAP



LEGEND

SPT SOIL BORING LOCATION		ASPHALT	
MEASURED WATER LEVEL		ROADWAY BASE	
ESTIMATED "NORMAL" SEASONAL HIGH GROUNDWATER		FINE SAND (A-3)	
LABORATORY TESTING RESULTS		SILTY FINE SAND (A-2-4)	
WEIGHT OF HAMMER	WOH	ORGANIC FINE SAND (A-3)	
WATER CONTENT (%)	Wc=	ORGANIC SILTY FINE SAND (A-2-4)	
-200 SIEVE	-200=	MUCK (A-8)	
ORGANIC CONTENT (%)	OC=		
N-VALUE EQUIVALENT (NOTE 2)	*N		
AASHTO CLASSIFICATION SYMBOL	(A-3)		

NOTES

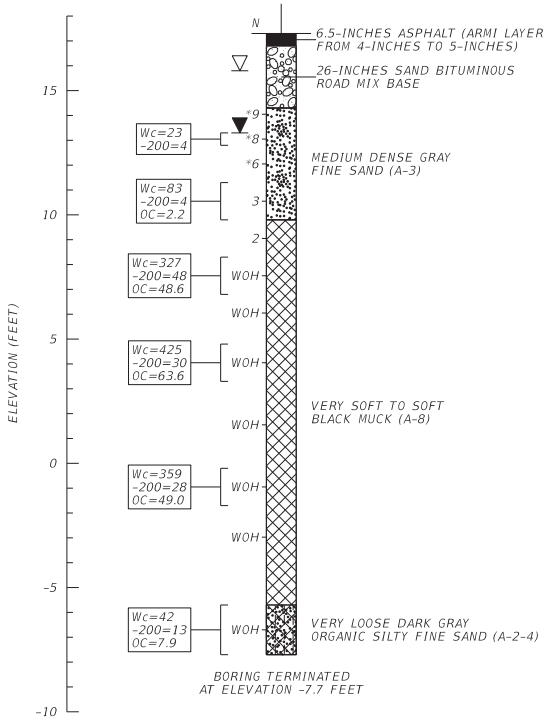
1. NUMBERS LEFT OF BORING INDICATE STANDARD PENETRATION TEST (SPT) N-VALUES FOR 12 INCH PENETRATION (UNLESS OTHERWISE NOTED).
2. N-VALUES DENOTED WITH AN ASTERISK (*) WERE DERIVED FROM HAND STATIC CONE PENETROMETER TESTS.
3. ELEVATION BASED ON FILES PROVIDED BY GORTEMOLLER ENGINEERING, INC.
4. MEASURED WATER LEVEL SHOWN IS THE WATER LEVEL ENCOUNTERED DURING THE SUBSURFACE INVESTIGATION. WATER LEVEL FLUCTUATIONS SHOULD BE ANTICIPATED.
5. SOIL DESCRIPTIONS, TEST DATA, AND STANDARD PENETRATION VALUES SHOWN ARE FOR THE SOIL BORING ONLY AND MAY NOT APPLY TO ANY OTHER LOCATIONS EXCEPT AT THE LOCATIONS OF THE SOIL BORING. EXTRAPOLATION OF THE SOIL DATA TO OTHER LOCATIONS IS THE SOLE RESPONSIBILITY OF THE PERSON PERFORMING THE EXTRAPOLATION.

AUTOMATIC HAMMER

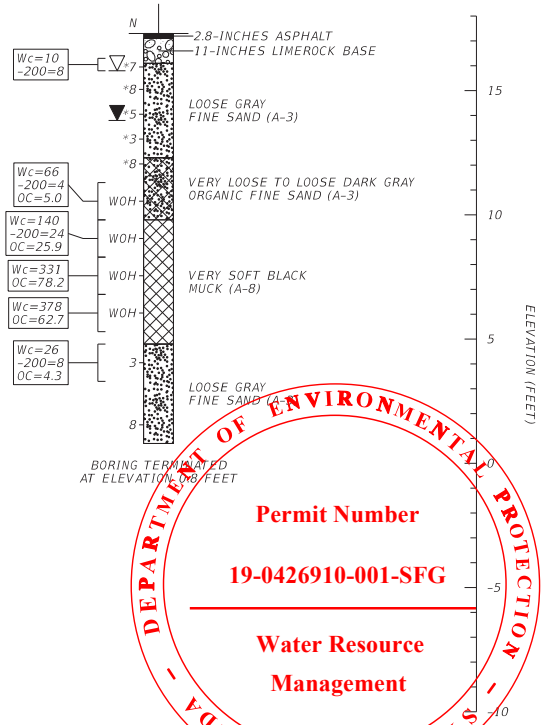
GRANULAR MATERIALS RELATIVE DENSITY	SPT (BLOWS/12 IN.)	SILTS AND CLAYS CONSISTENCY	SPT (BLOWS/12 IN.)
VERY LOOSE	LESS THAN 3	VERY SOFT	LESS THAN 1
LOOSE	3 - 8	SOFT	1 - 3
MEDIUM DENSE	8 - 24	FIRM	3 - 6
DENSE	24 - 40	STIFF	6 - 12
VERY DENSE	GREATER THAN 40	VERY STIFF	12 - 24
		HARD	GREATER THAN 24

SPLIT-SPOON: INSIDE DIAMETER: 1.375 in.
OUTSIDE DIAMETER: 2.0 in.
AVG. HAMMER DROP: 30.0 in.
HAMMER WEIGHT: 140 lbs.

BOR # B-SC-1
STA. 181+12
OFF. 9 FEET RIGHT
REF. ℄ SURVEY SR 30
ELEV. 17.3 FEET
DATE 8/5/2021
DRILLER C. WEST
HAMMER AUTOMATIC



BOR # B-SC-2
STA. 180+79
OFF. 12 FEET LEFT
REF. ℄ SURVEY SR 30
ELEV. 17.3 FEET
DATE 8/4/2021
DRILLER C. WEST
HAMMER AUTOMATIC



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REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

ENGINEER OF RECORD
CRAIG E. DUNKELBERGER, P.E.
P.E. NO.: 49932
ENVIRONMENTAL & GEOTECHNICAL SPECIALISTS, INC.
3676 HARTSFIELD ROAD
TALLAHASSEE, FLORIDA 32303

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

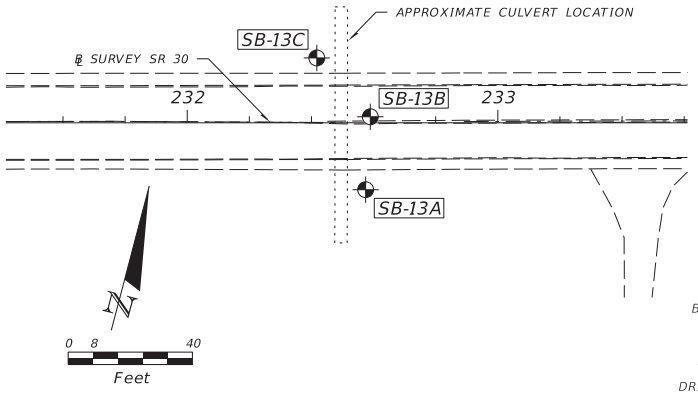
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 30	FRANKLIN	445759-1-52-01

REPORT OF SOIL BORINGS

SHEET NO. 84

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SOIL BORING LOCATION MAP



LEGEND

SPT SOIL BORING LOCATION		ASPHALT	
MEASURED WATER LEVEL		ROADWAY BASE	
ESTIMATED "NORMAL" SEASONAL HIGH GROUNDWATER		FINE SAND (A-3)	
LABORATORY TESTING RESULTS		SILTY FINE SAND (A-2-4)	
WEIGHT OF HAMMER	WOH	ORGANIC FINE SAND (A-3)	
WATER CONTENT (%)	Wc=	ORGANIC SILTY FINE SAND (A-2-4)	
-200 SIEVE	-200=	MUCK (A-8)	
ORGANIC CONTENT (%)	OC=		
N-VALUE EQUIVALENT (NOTE 2)	*N		
AASHTO CLASSIFICATION SYMBOL	(A-3)		

NOTES

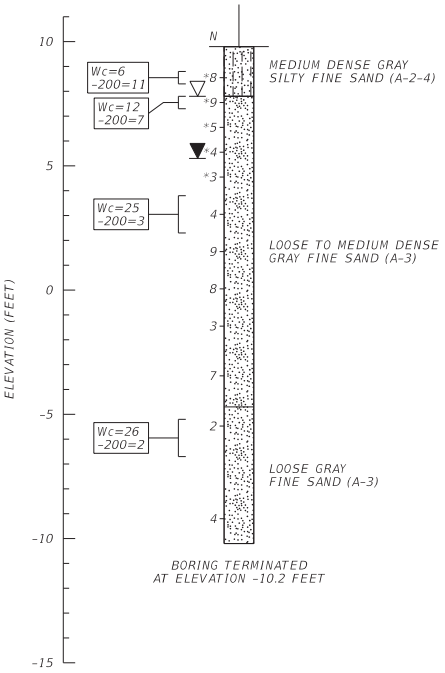
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AUTOMATIC HAMMER

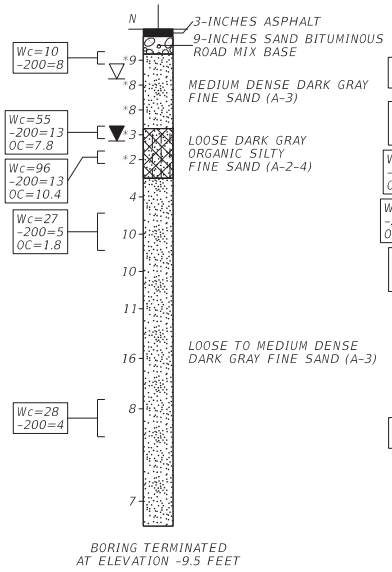
GRANULAR MATERIALS RELATIVE DENSITY	SPT (BLOWS/12 IN.)	SILTS AND CLAYS CONSISTENCY	SPT (BLOWS/12 IN.)
VERY LOOSE	LESS THAN 3	VERY SOFT	LESS THAN 1
LOOSE	3 - 8	SOFT	1 - 3
MEDIUM DENSE	8 - 24	FIRM	3 - 6
DENSE	24 - 40	STIFF	6 - 12
VERY DENSE	GREATER THAN 40	VERY STIFF	12 - 24
		HARD	GREATER THAN 24

SPLIT-SPOON: INSIDE DIAMETER: 1.375 in.
OUTSIDE DIAMETER: 2.0 in.
AVG. HAMMER DROP: 30.0 in.
HAMMER WEIGHT: 140 lbs.

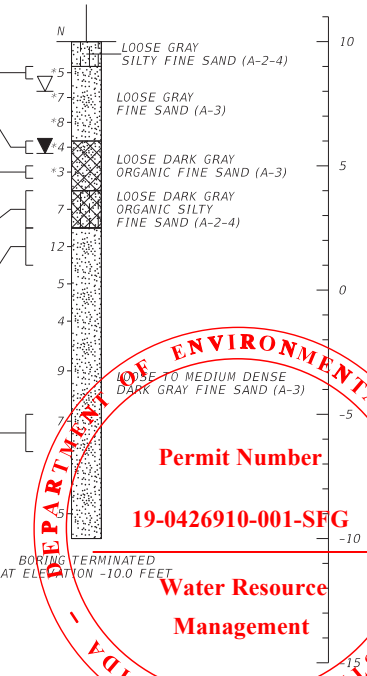
BOR # SB-13A
STA. 232+58
OFF. 21 FEET RIGHT
REF. ℄ SURVEY SR 30
ELEV. 9.8 FEET
DATE 5/27/2021
DRILLER J. GAYMON
HAMMER AUTOMATIC



BOR # SB-13B
STA. 232+59
OFF. 4 FEET LEFT
REF. ℄ SURVEY SR 30
ELEV. 10.5 FEET
DATE 5/26/2021
DRILLER J. GAYMON
HAMMER AUTOMATIC



BOR # SB-13C
STA. 232+42
OFF. 21 FEET LEFT
REF. ℄ SURVEY SR 30
ELEV. 10.0 FEET
DATE 5/27/2021
DRILLER J. GAYMON
HAMMER AUTOMATIC



DEPARTMENT OF ENVIRONMENTAL PROTECTION - STATE OF FLORIDA -
Permit Number
19-0426910-001-SFG
Water Resource Management

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REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

ENGINEER OF RECORD
CRAIG E. DUNKELBERGER, P.E.
P.E. NO.: 49932
ENVIRONMENTAL & GEOTECHNICAL SPECIALISTS, INC.
3676 HARTSFIELD ROAD
TALLAHASSEE, FLORIDA 32303

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

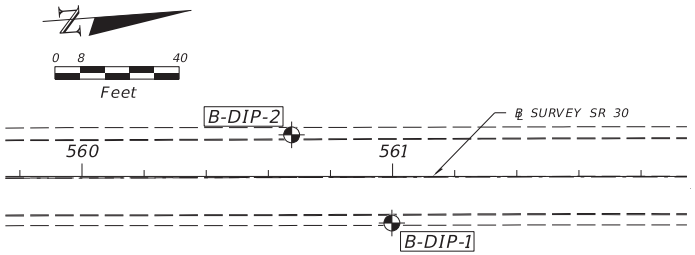
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 30	FRANKLIN	445759-1-52-01

REPORT OF SOIL BORINGS

SHEET NO. 85

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SOIL BORING LOCATION MAP



LEGEND

SPT SOIL BORING LOCATION		ASPHALT	
MEASURED WATER LEVEL		ROADWAY BASE	
ESTIMATED "NORMAL" SEASONAL HIGH GROUNDWATER		FINE SAND (A-3)	
LABORATORY TESTING RESULTS		SILTY FINE SAND (A-2-4)	
WEIGHT OF HAMMER	WOH	ORGANIC FINE SAND (A-3)	
WATER CONTENT (%)	Wc=	ORGANIC SILTY FINE SAND (A-2-4)	
-200 SIEVE	-200=	MUCK (A-8)	
ORGANIC CONTENT (%)	OC=		
N-VALUE EQUIVALENT (NOTE 2)	*N		
AASHTO CLASSIFICATION SYMBOL	(A-3)		

NOTES

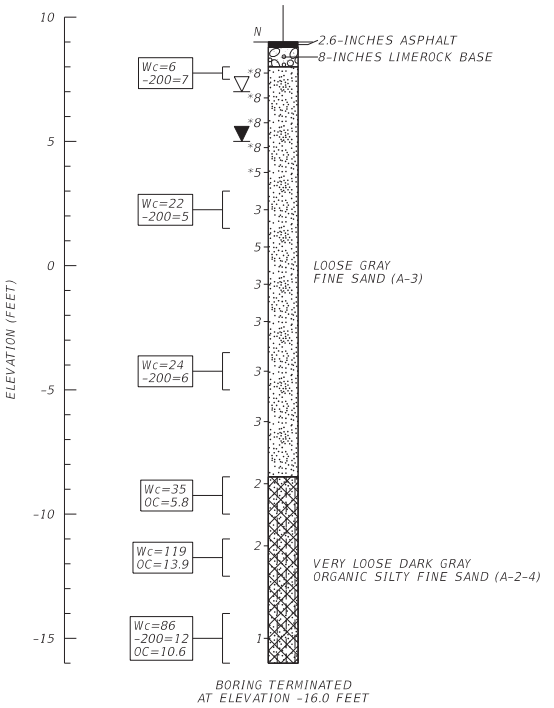
1. NUMBERS LEFT OF BORING INDICATE STANDARD PENETRATION TEST (SPT) N-VALUES FOR 12 INCH PENETRATION (UNLESS OTHERWISE NOTED).
2. N-VALUES DENOTED WITH AN ASTERISK (*) WERE DERIVED FROM HAND STATIC CONE PENETROMETER TESTS.
3. ELEVATION BASED ON FILES PROVIDED BY GORTEMOLLER ENGINEERING, INC.
4. MEASURED WATER LEVEL SHOWN IS THE WATER LEVEL ENCOUNTERED DURING THE SUBSURFACE INVESTIGATION. WATER LEVEL FLUCTUATIONS SHOULD BE ANTICIPATED.
5. SOIL DESCRIPTIONS, TEST DATA, AND STANDARD PENETRATION VALUES SHOWN ARE FOR THE SOIL BORING ONLY AND MAY NOT APPLY TO ANY OTHER LOCATIONS EXCEPT AT THE LOCATIONS OF THE SOIL BORING. EXTRAPOLATION OF THE SOIL DATA TO OTHER LOCATIONS IS THE SOLE RESPONSIBILITY OF THE PERSON PERFORMING THE EXTRAPOLATION.

AUTOMATIC HAMMER

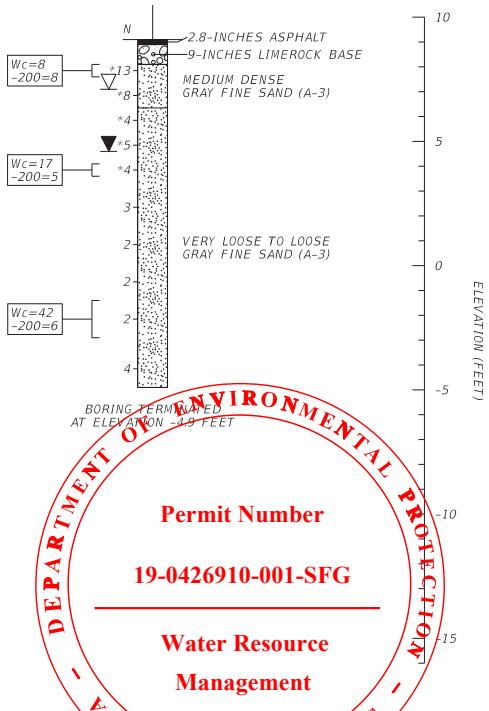
GRANULAR MATERIALS RELATIVE DENSITY	SPT (BLOWS/12 IN.)	SILTS AND CLAYS CONSISTENCY	SPT (BLOWS/12 IN.)
VERY LOOSE	LESS THAN 3	VERY SOFT	LESS THAN 1
LOOSE	3 - 8	SOFT	1 - 3
MEDIUM DENSE	8 - 24	FIRM	3 - 6
DENSE	24 - 40	STIFF	6 - 12
VERY DENSE	GREATER THAN 40	VERY STIFF	12 - 24
		HARD	GREATER THAN 24

SPLIT-SPOON: INSIDE DIAMETER: 1.375 in.
OUTSIDE DIAMETER: 2.0 in.
AVG. HAMMER DROP: 30.0 in.
HAMMER WEIGHT: 140 lbs.

BOR # B-DIP-1
STA. 561+06
OFF. 10 FEET RIGHT
REF. ℄ SURVEY SR 30
ELEV. 9.0 FEET
DATE 8/4/2021
DRILLER C. WEST
HAMMER AUTOMATIC



BOR # B-DIP-2
STA. 560+73
OFF. 16 FEET LEFT
REF. ℄ SURVEY SR 30
ELEV. 9.1 FEET
DATE 8/4/2021
DRILLER C. WEST
HAMMER AUTOMATIC



DEPARTMENT OF ENVIRONMENTAL PROTECTION - STATE OF FLORIDA -
Permit Number
19-0426910-001-SFG
Water Resource Management

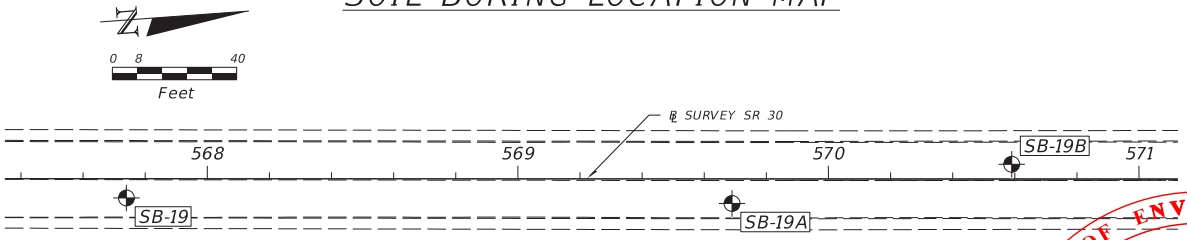
REVISIONS				ENGINEER OF RECORD	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	CRAIG E. DUNKELBERGER, P.E. P.E. NO.: 49932 ENVIRONMENTAL & GEOTECHNICAL SPECIALISTS, INC. 3676 HARTSFIELD ROAD TALLAHASSEE, FLORIDA 32303	ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
					SR 30	FRANKLIN	445759-1-52-01	86

REPORT OF SOIL BORINGS

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SOIL BORING LOCATION MAP



LEGEND

- SPT SOIL BORING LOCATION
- MEASURED WATER LEVEL
- ESTIMATED "NORMAL" SEASONAL HIGH GROUNDWATER
- LABORATORY TESTING RESULTS

WEIGHT OF HAMMER	WOH
WATER CONTENT (%)	Wc=
-200 SIEVE	-200=
ORGANIC CONTENT (%)	OC=
N-VALUE EQUIVALENT (NOTE 2)	*N
AASHTO CLASSIFICATION SYMBOL	(A-3)

- ASPHALT
- ROADWAY BASE
- FINE SAND (A-3)
- SILTY FINE SAND (A-2-4)
- ORGANIC FINE SAND (A-3)
- ORGANIC SILTY FINE SAND (A-2-4)
- MUCK (A-8)

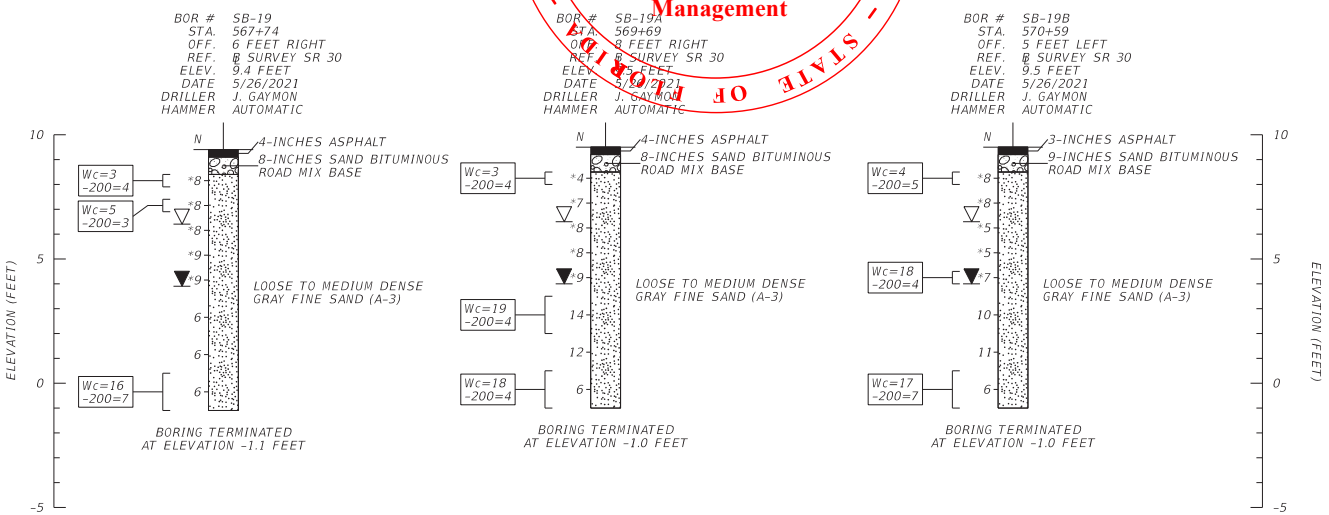
NOTES

1. NUMBERS LEFT OF BORING INDICATE STANDARD PENETRATION TEST (SPT) N-VALUES FOR 12 INCH PENETRATION (UNLESS OTHERWISE NOTED).
2. N-VALUES DENOTED WITH AN ASTERISK (*) WERE DERIVED FROM HAND STATIC CONE PENETROMETER TESTS.
3. ELEVATION BASED ON FILES PROVIDED BY GORTEMOLLER ENGINEERING, INC.
4. MEASURED WATER LEVEL SHOWN IS THE WATER LEVEL ENCOUNTERED DURING THE SUBSURFACE INVESTIGATION. WATER LEVEL FLUCTUATIONS SHOULD BE ANTICIPATED.
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AUTOMATIC HAMMER

GRANULAR MATERIALS RELATIVE DENSITY	SPT (BLOWS/12 IN.)	SILTS AND CLAYS CONSISTENCY	SPT (BLOWS/12 IN.)
VERY LOOSE	LESS THAN 3	VERY SOFT	LESS THAN 1
LOOSE	3 - 8	SOFT	1 - 3
MEDIUM DENSE	8 - 24	FIRM	3 - 6
DENSE	24 - 40	STIFF	6 - 12
VERY DENSE	GREATER THAN 40	VERY STIFF	12 - 24
		HARD	GREATER THAN 24

SPLIT-SPOON: INSIDE DIAMETER: 1.375 in.
OUTSIDE DIAMETER: 2.0 in.
AVG. HAMMER DROP: 30.0 in.
HAMMER WEIGHT: 140 lbs.



DEPARTMENT OF ENVIRONMENTAL PROTECTION - STATE OF FLORIDA
Permit Number
19-0426910-001-SFG
Water Resource Management

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

ENGINEER OF RECORD
CRAIG E. DUNKELBERGER, P.E.
P.E. NO.: 49932
ENVIRONMENTAL & GEOTECHNICAL SPECIALISTS, INC.
3676 HARTSFIELD ROAD
TALLAHASSEE, FLORIDA 32303

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 30	FRANKLIN	445759-1-52-01

REPORT OF SOIL BORINGS

SHEET NO. 87

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NOTES

1. NUMBERS LEFT OF BORING INDICATE STANDARD PENETRATION TEST (SPT) N-VALUES FOR 12 INCH PENETRATION (UNLESS OTHERWISE NOTED).
2. N-VALUES DENOTED WITH AN ASTERISK (*) WERE DERIVED FROM STATIC HAND CONE PENETROMETER TESTS.
3. GROUNDWATER DEPTHS SHOWN ARE THE GROUNDWATER DEPTHS ENCOUNTERED, FLUCTUATIONS IN THE DEPTH OF GROUNDWATER SHOULD BE EXPECTED.
4. SOIL DESCRIPTIONS, TEST DATA, AND STANDARD PENETRATION VALUES SHOWN ARE FOR THE SOIL BORING ONLY AND MAY NOT APPLY TO ANY OTHER LOCATIONS EXCEPT AT THE LOCATION OF THE SOIL BORING. EXTRAPOLATION OF THE SOIL BORING DATA TO OTHER LOCATIONS IS THE SOLE RESPONSIBILITY OF THE PERSON PERFORMING THE EXTRAPOLATION.
5. NUMBERS IN THE CENTER OF BORINGS INDICATE THE STRATUM. MATERIAL PROPERTIES OF THE SOIL STRATA ARE SUMMARIZED IN THE ROADWAY SOIL SURVEY.
6. SOIL BORINGS ACM-15 THROUGH ACM-HA-18 ARE LOCATED OUTSIDE THE ACM LIMITS.

AUTOMATIC HAMMER

GRANULAR MATERIALS RELATIVE DENSITY	SPT (BLOWS/12 IN.)	SILTS AND CLAYS CONSISTENCY	SPT (BLOWS/12 IN.)
VERY LOOSE	LESS THAN 3	VERY SOFT	LESS THAN 1
LOOSE	3 - 8	SOFT	1 - 3
MEDIUM DENSE	8 - 24	FIRM	3 - 6
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SPLIT-SPOON: INSIDE DIAMETER: 1.375 in.
OUTSIDE DIAMETER: 2.0 in.
AVG. HAMMER DROP: 30.0 in.
HAMMER WEIGHT: 140 lbs.

LEGEND

SOIL BORING LOCATION

MEASURED GROUNDWATER

LABORATORY TESTING RESULTS

N-VALUE EQUIVALENT (NOTE 2)	N*
GROUNDWATER NOT ENCOUNTERED	GNE
AASHTO CLASSIFICATION GROUP SYMBOL	(A-3)
WATER CONTENT (%)	Wc=
ORGANIC CONTENT (%)	OC%=
-200 SIEVE	-200=
LIQUID LIMIT	LL=
PLASTICITY INDEX	PI=

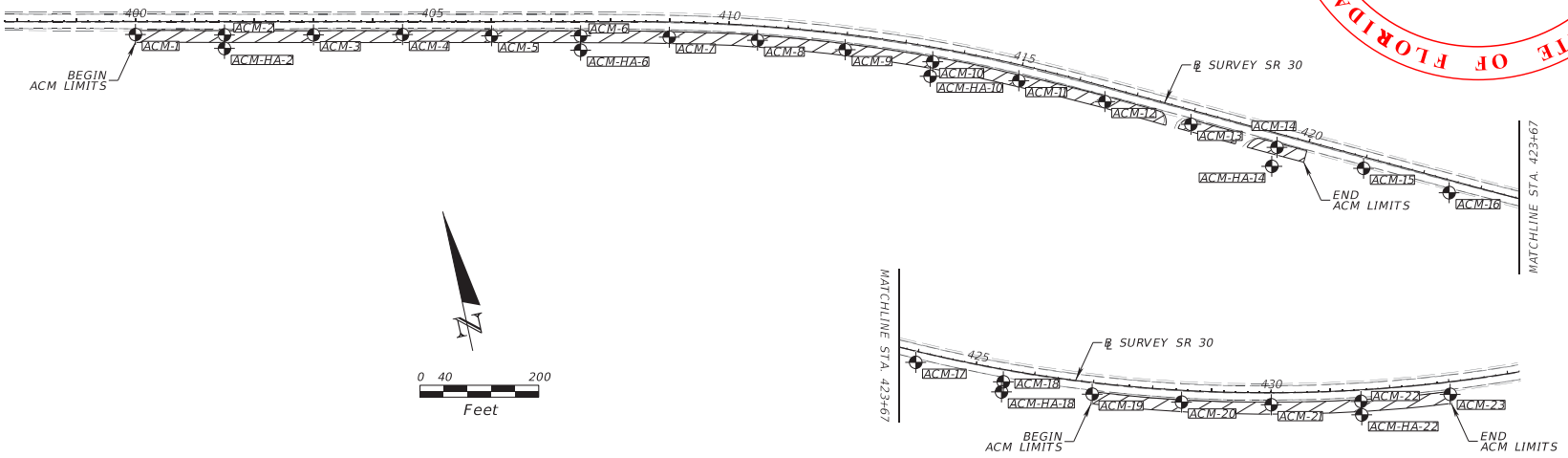
DEPARTMENT OF ENVIRONMENTAL PROTECTION - STATE OF FLORIDA -

Permit Number

19-0426910-001-SFG

Water Resource Management

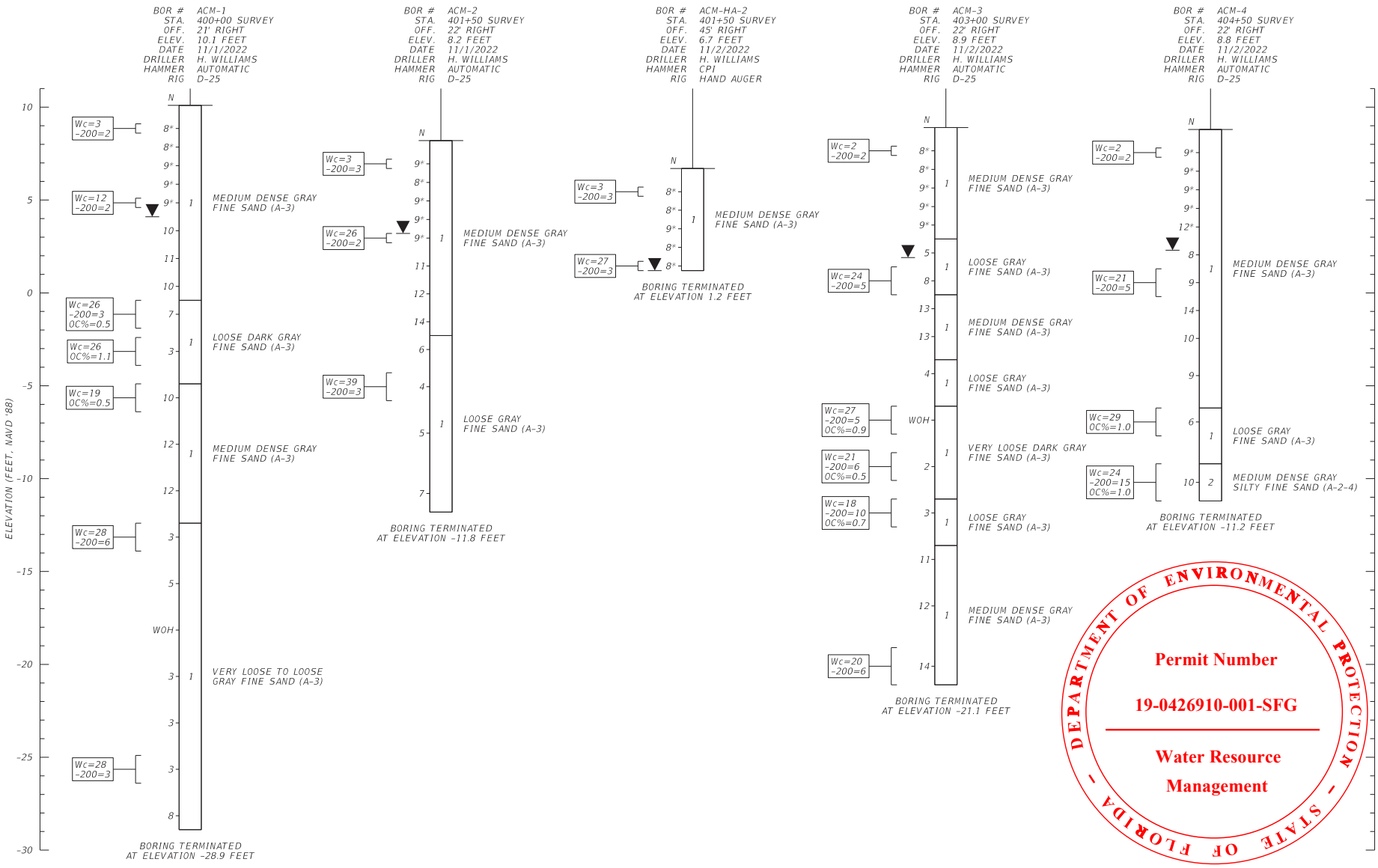
SOIL BORING LOCATION MAP



REVISIONS				ENGINEER OF RECORD	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			REPORT OF SOIL BORINGS	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	CRAIG E. DUNKELBERGER, P.E. P.E. NO.: 49932 ENVIRONMENTAL & GEOTECHNICAL SPECIALISTS, INC. 3676 HARTSFIELD ROAD TALLAHASSEE, FLORIDA 32303	ROAD NO.	COUNTY	FINANCIAL PROJECT ID		88
					SR 30	FRANKLIN	445759-1-52-01		

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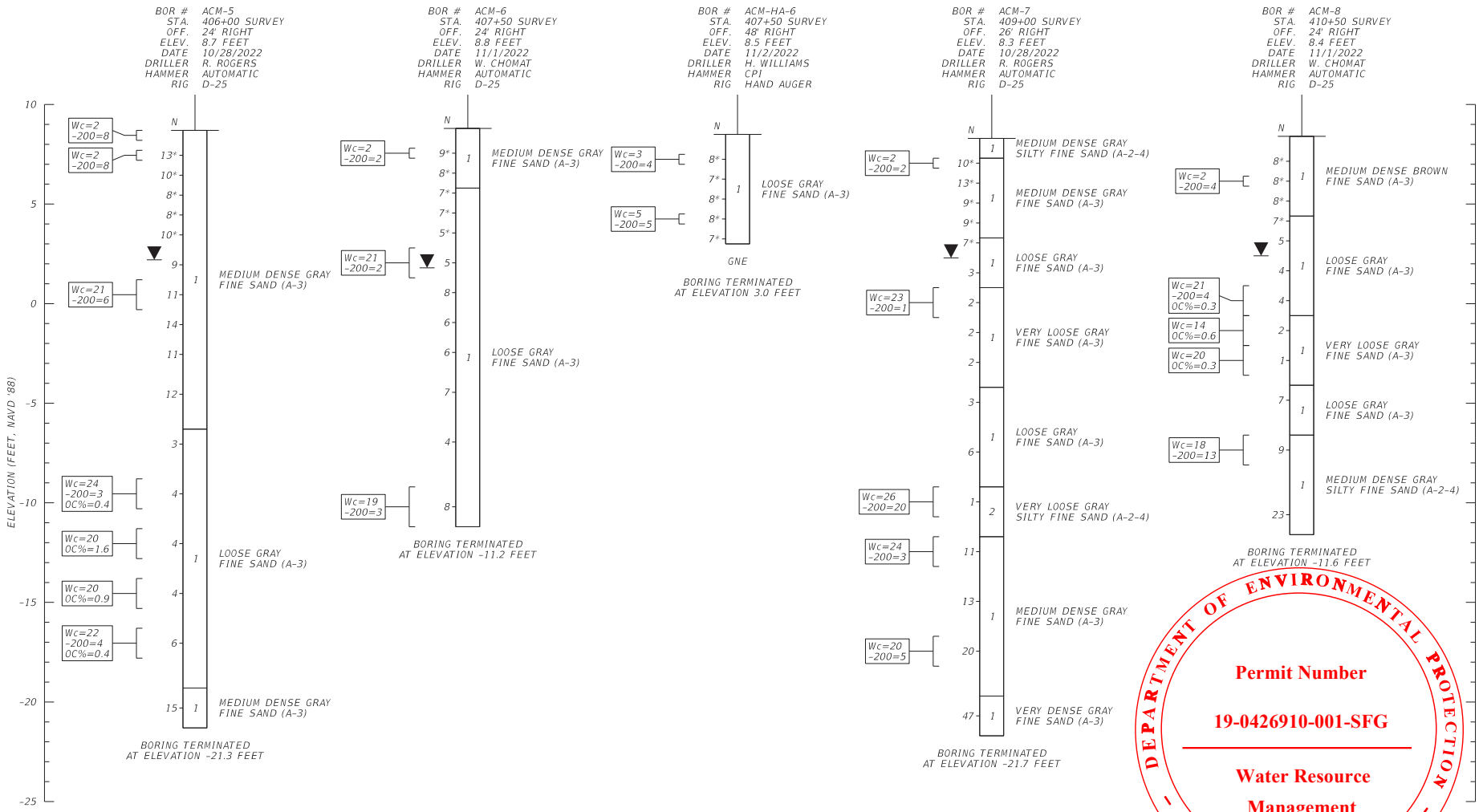
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REVISIONS				ENGINEER OF RECORD	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			REPORT OF SOIL BORINGS	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	CRAIG E. DUNKELBERGER, P.E. P.E. NO.: 49932 ENVIRONMENTAL & GEOTECHNICAL SPECIALISTS, INC. 3676 HARTSFIELD ROAD TALLAHASSEE, FLORIDA 32303	ROAD NO.	COUNTY	FINANCIAL PROJECT ID		89
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DEPARTMENT OF ENVIRONMENTAL PROTECTION - STATE OF FLORIDA -

Permit Number

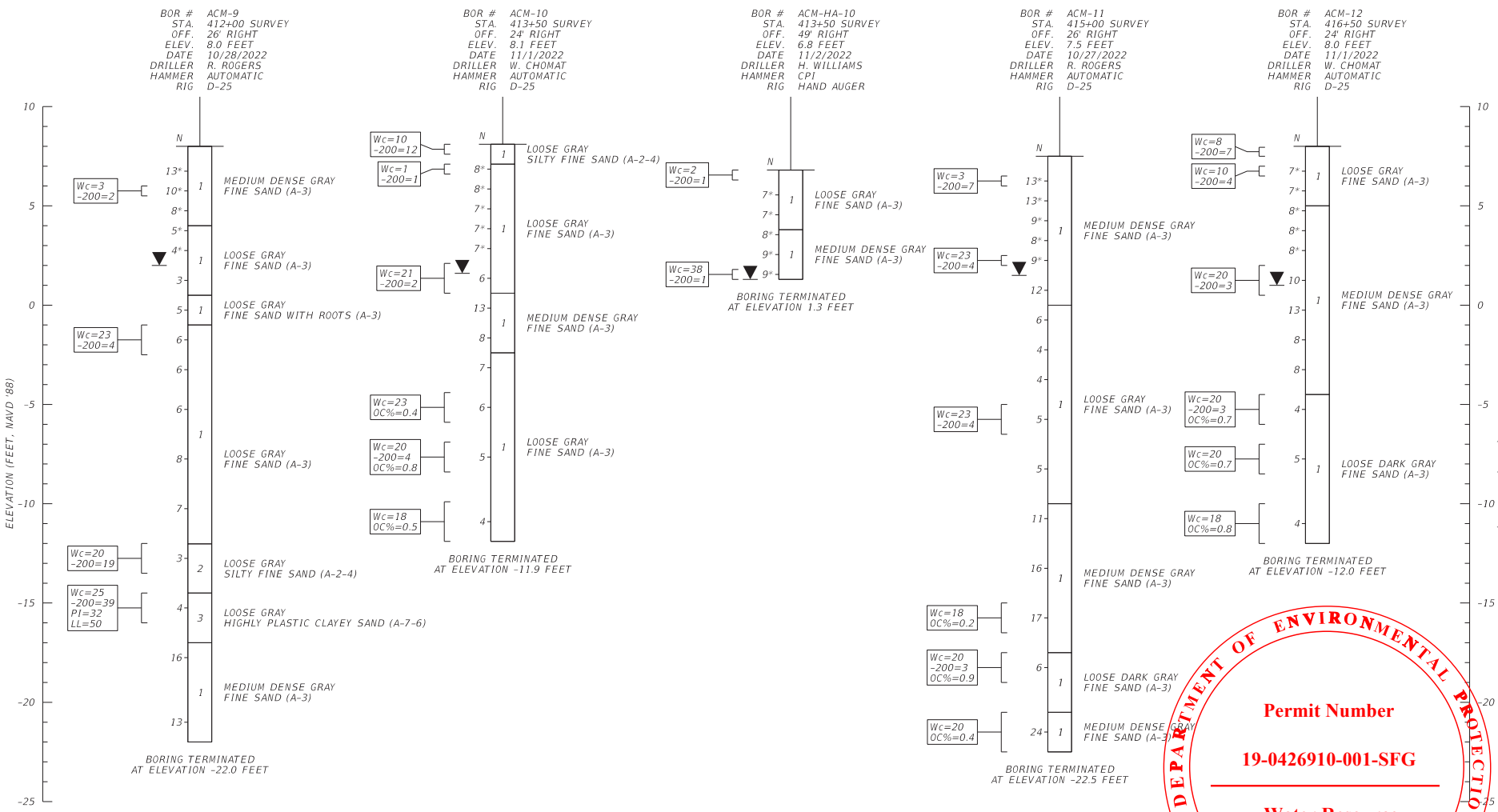
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Water Resource Management

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Permit Number

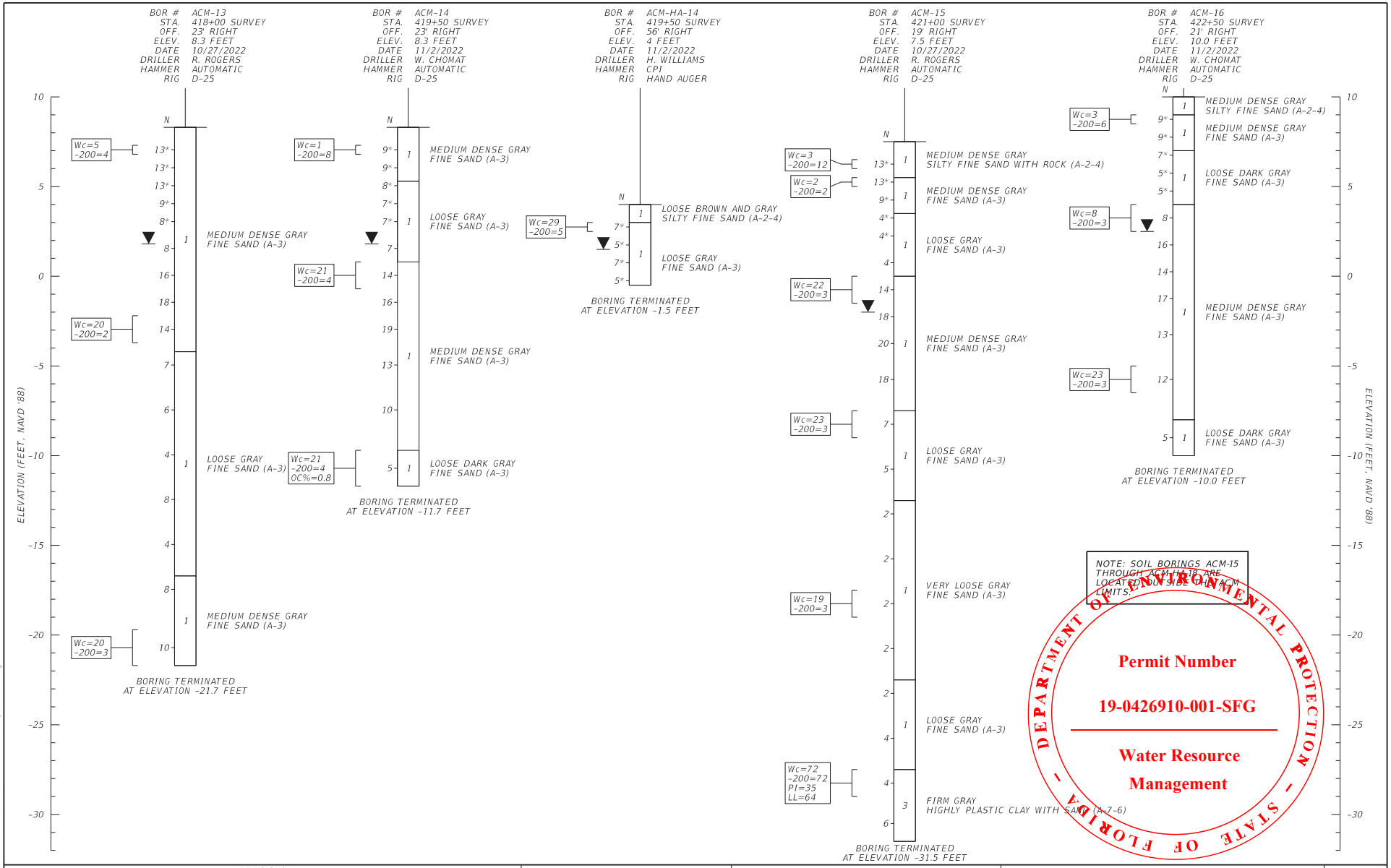
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Water Resource Management

REVISIONS				ENGINEER OF RECORD	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			REPORT OF SOIL BORINGS	SHEET NO.
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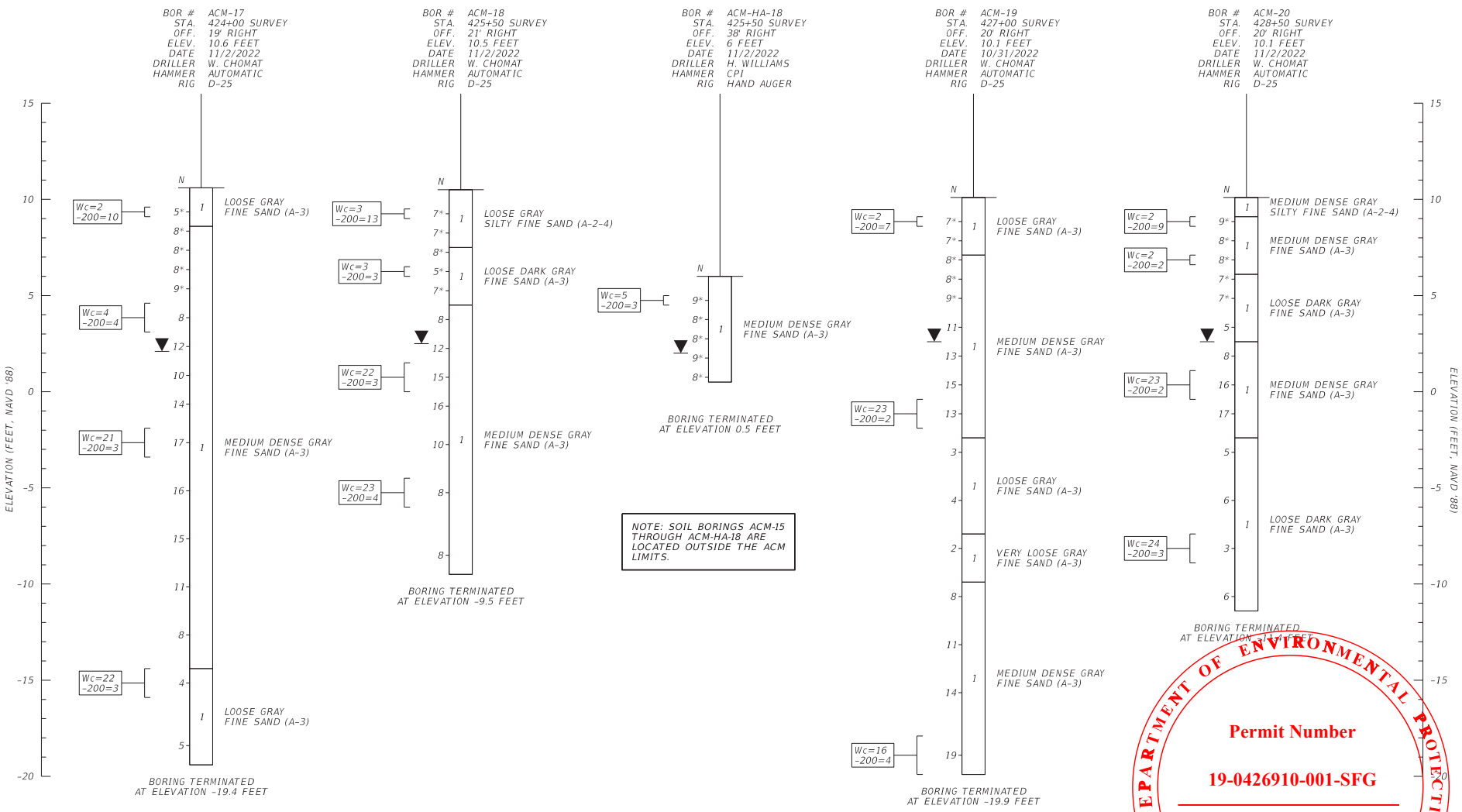
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					SR 30	FRANKLIN	445759-1-52-01		

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DEPARTMENT OF ENVIRONMENTAL PROTECTION - STATE OF FLORIDA -

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Water Resource Management

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

ENGINEER OF RECORD

CRAIG E. DUNKELBERGER, P.E.
P.E. NO.: 49932
ENVIRONMENTAL & GEOTECHNICAL SPECIALISTS, INC.
3676 HARTSFIELD ROAD
TALLAHASSEE, FLORIDA 32303

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

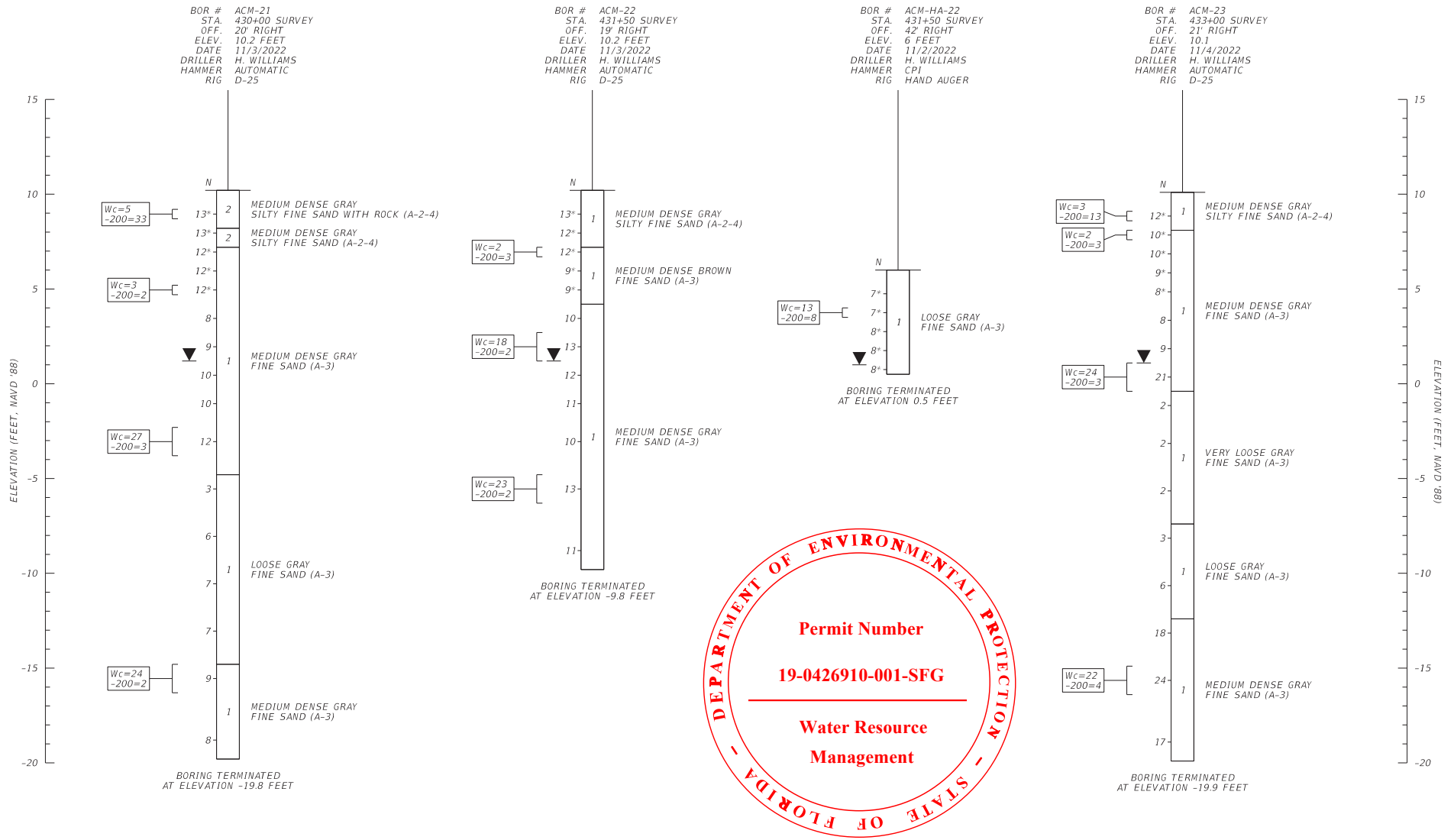
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 30	FRANKLIN	445759-1-52-01

REPORT OF SOIL BORINGS

SHEET NO. 93

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Permit Number

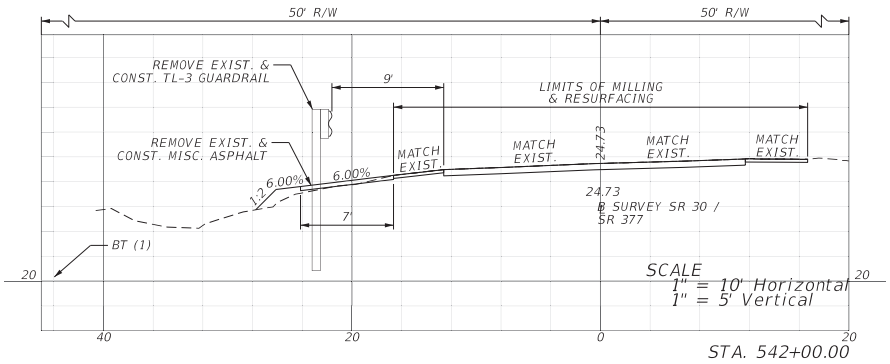
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Water Resource Management

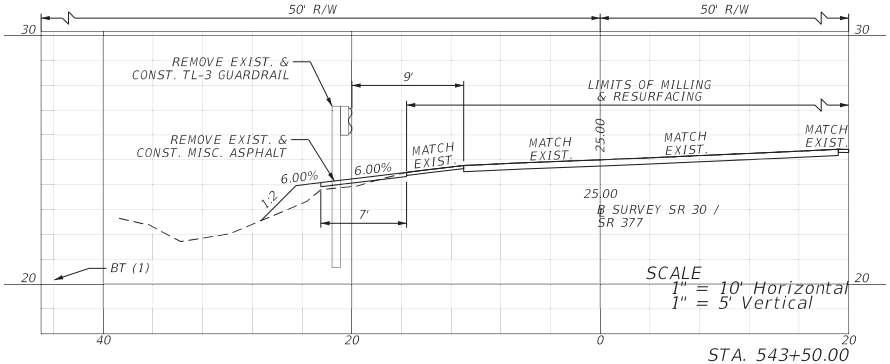
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REVISIONS				ENGINEER OF RECORD	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			REPORT OF SOIL BORINGS	SHEET NO.
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					SR 30	FRANKLIN	445759-1-52-01		

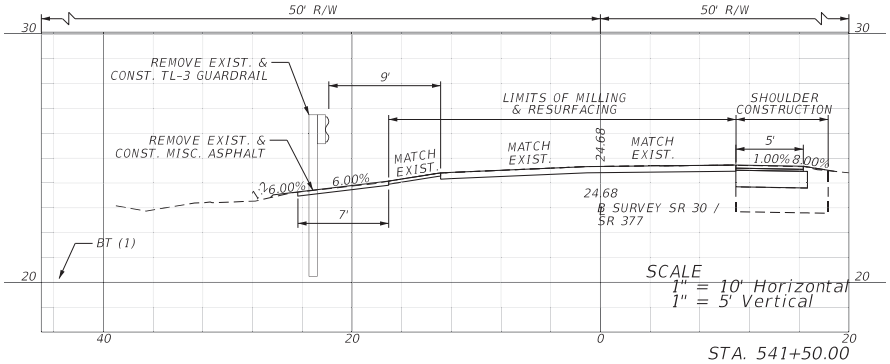
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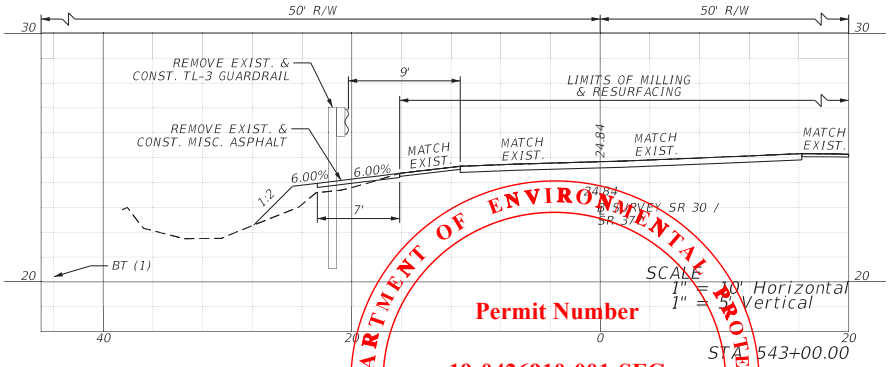
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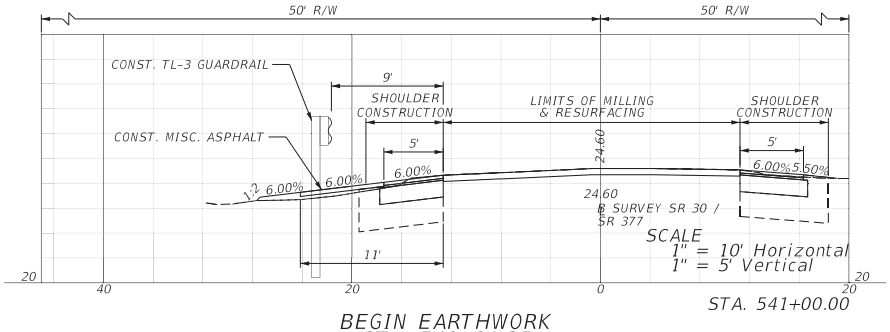
STA. 543+50.00



STA. 541+50.00

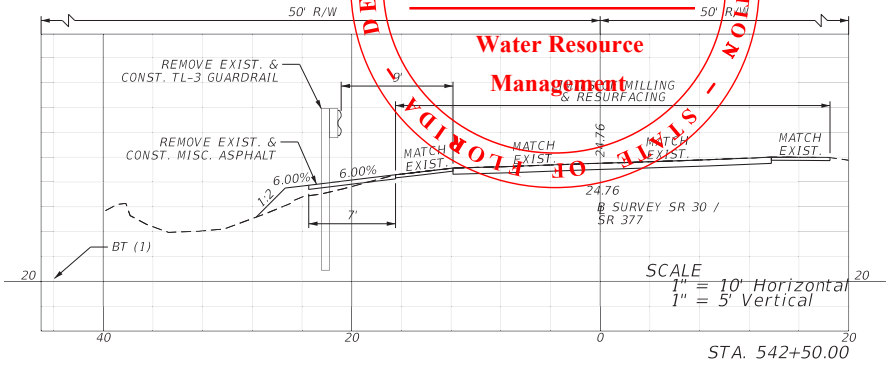


STA. 543+00.00



STA. 541+00.00

BEGIN EARTHWORK
STA. 540+81.35



STA. 542+50.00

DEPARTMENT OF ENVIRONMENTAL PROTECTION - STATE OF FLORIDA

Permit Number

19-0426910-001-SFG

Water Resource Management

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REVISIONS			
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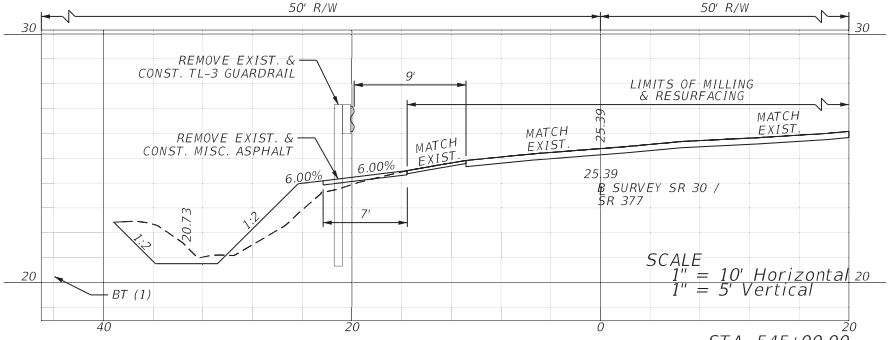
ENGINEER OF RECORD
HEATHER W. REMICK, P.E.
LICENSE NUMBER 80458
GORTEMOLLER ENGINEERING, INC.
708 THOMAS DRIVE
PANAMA CITY BEACH, FL 32408

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

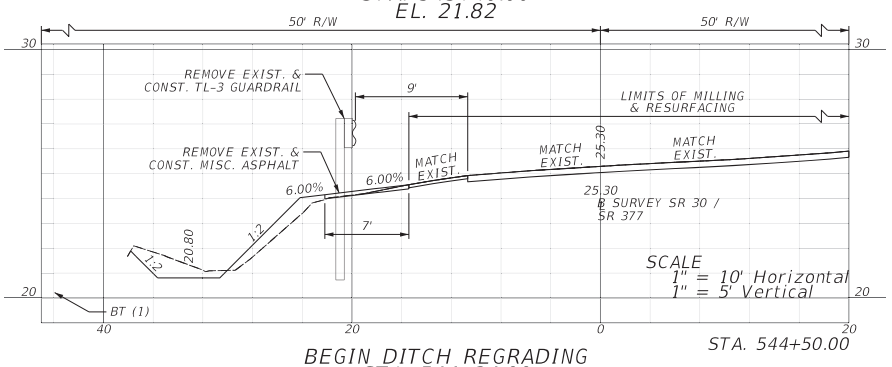
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 30	FRANKLIN	445759-1-52-01

CROSS SECTIONS

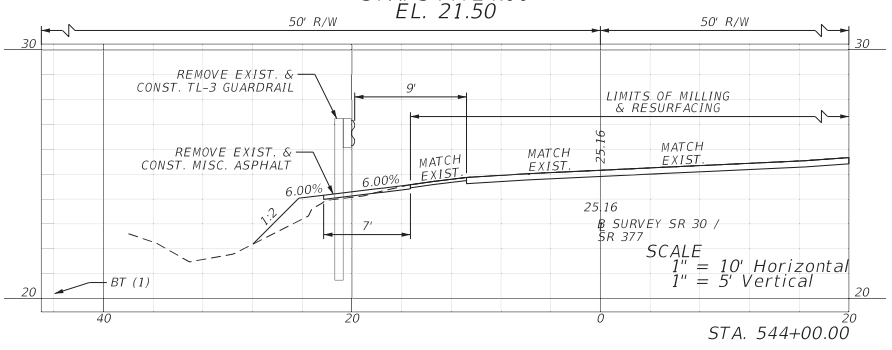
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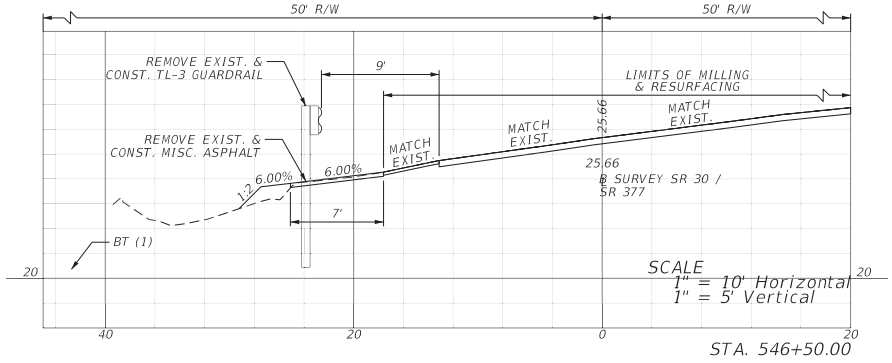


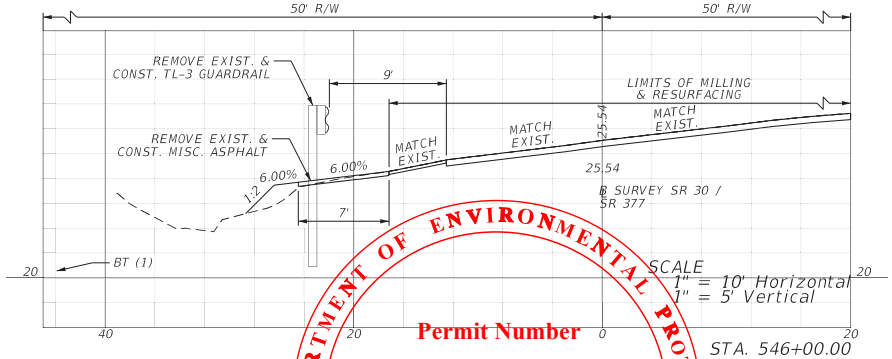
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STA. 545+40.00
EL. 21.82

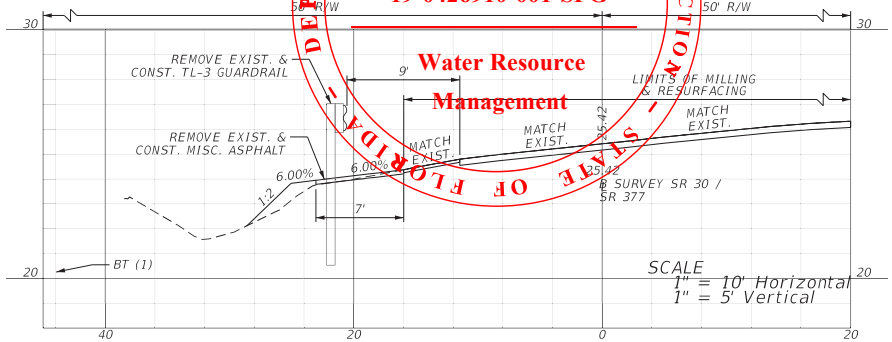


BEGIN DITCH REGRADING
STA. 544+24.00
EL. 21.50









DEPARTMENT OF ENVIRONMENTAL PROTECTION - STATE OF FLORIDA
Permit Number
19-0426910-001-SFG
Water Resource Management

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

ENGINEER OF RECORD
HEATHER W. REMICK, P.E.
LICENSE NUMBER 80458
GORTEMOLLER ENGINEERING, INC.
708 THOMAS DRIVE
PANAMA CITY BEACH, FL 32408

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

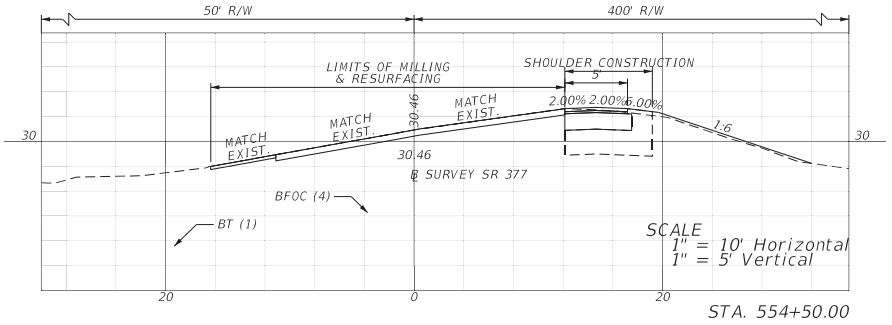
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 30	FRANKLIN	445759-1-52-01

CROSS SECTIONS

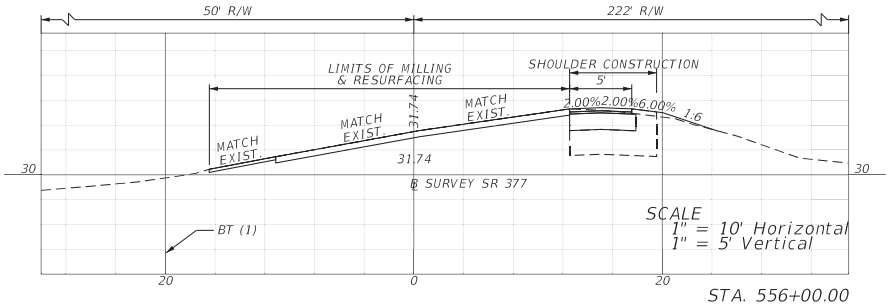
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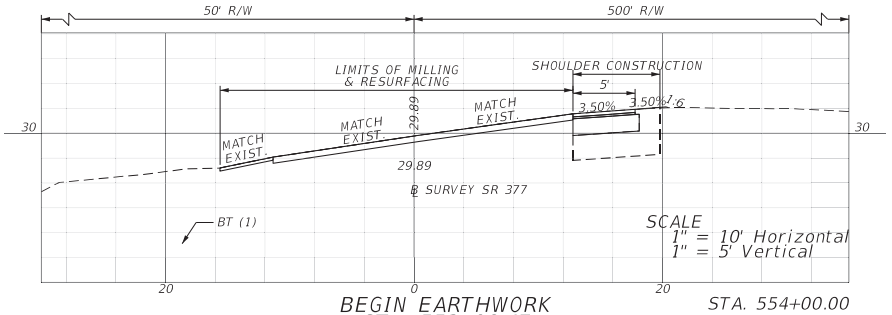


STA. 554+50.00



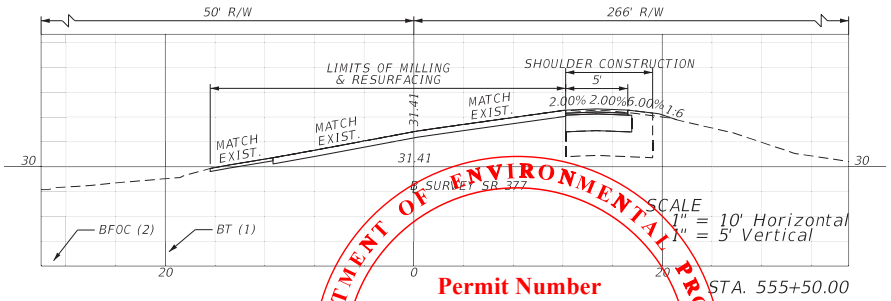
STA. 556+00.00

SHOULDER SLOPE TRANSITION
BEGIN TRANSITION: STA. 553+98.47 = 7.00% (MATCH EXIST.)
END TRANSITION: STA. 554+13.00 = 2.00% SUPERELEVATION



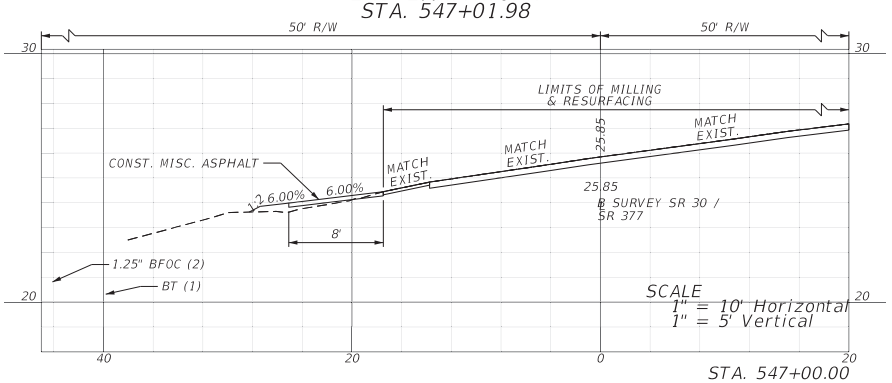
BEGIN EARTHWORK
STA. 553+98.47

STA. 554+00.00

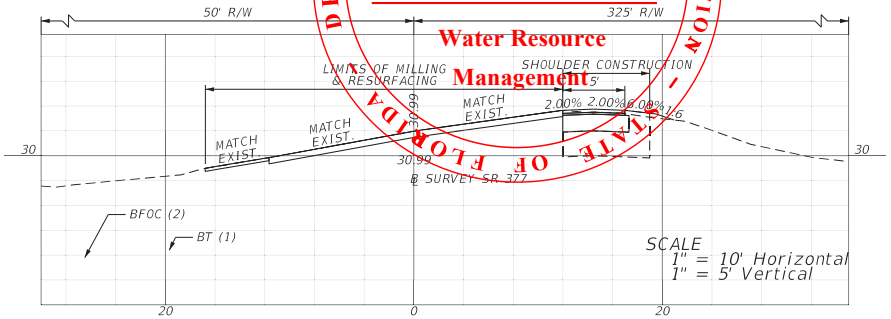


STA. 555+50.00

END EARTHWORK
STA. 547+01.98



STA. 547+00.00



STA. 555+00.00

DEPARTMENT OF ENVIRONMENTAL PROTECTION - STATE OF FLORIDA

Permit Number

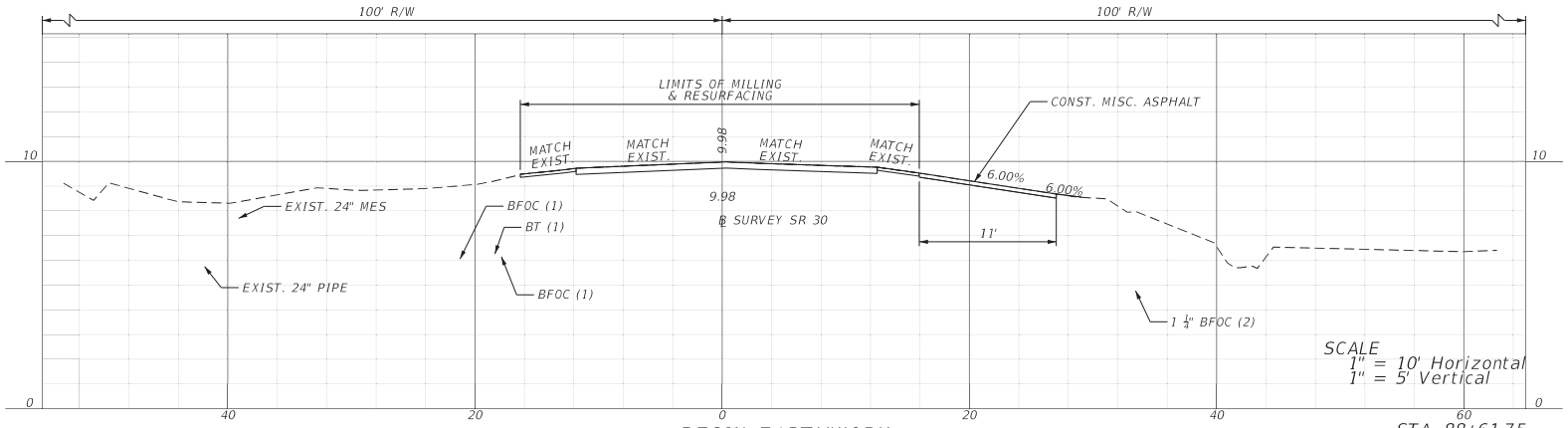
19-0426910-001-SFG

Water Resource Management

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REVISIONS				ENGINEER OF RECORD	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			CROSS SECTIONS	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	HEATHER W. REMICK, P.E. LICENSE NUMBER 80458 GORTEMOLLER ENGINEERING, INC. 708 THOMAS DRIVE PANAMA CITY BEACH, FL 32408	ROAD NO.	COUNTY	FINANCIAL PROJECT ID		97
					SR 30	FRANKLIN	445759-1-52-01		

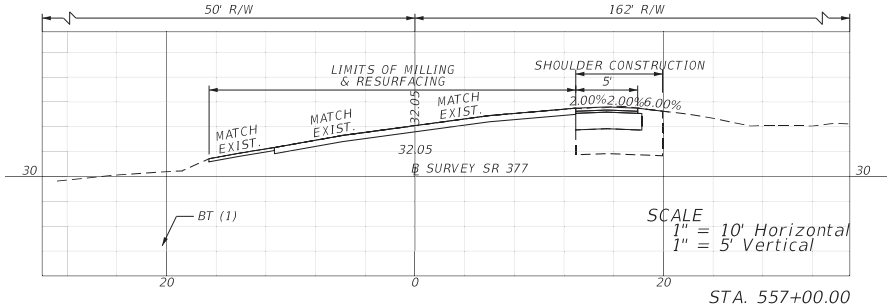
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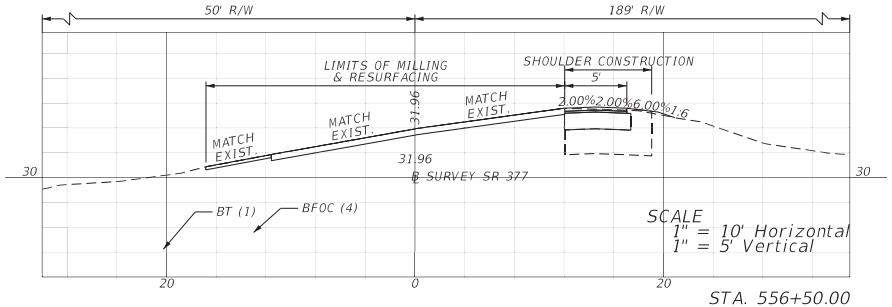
STA. 88+61.75

BEGIN EARTHWORK
STA. 88+61.75

END EARTHWORK
STA. 557+26.14



STA. 557+00.00



STA. 556+50.00

DEPARTMENT OF ENVIRONMENTAL PROTECTION - STATE OF FLORIDA -

Permit Number

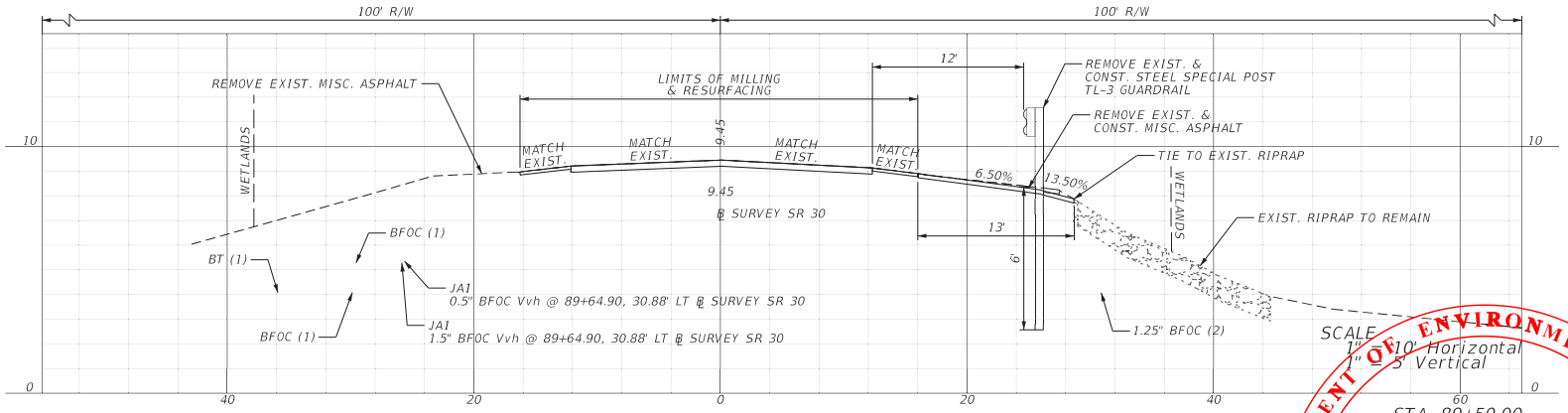
19-0426910-001-SFG

Water Resource Management

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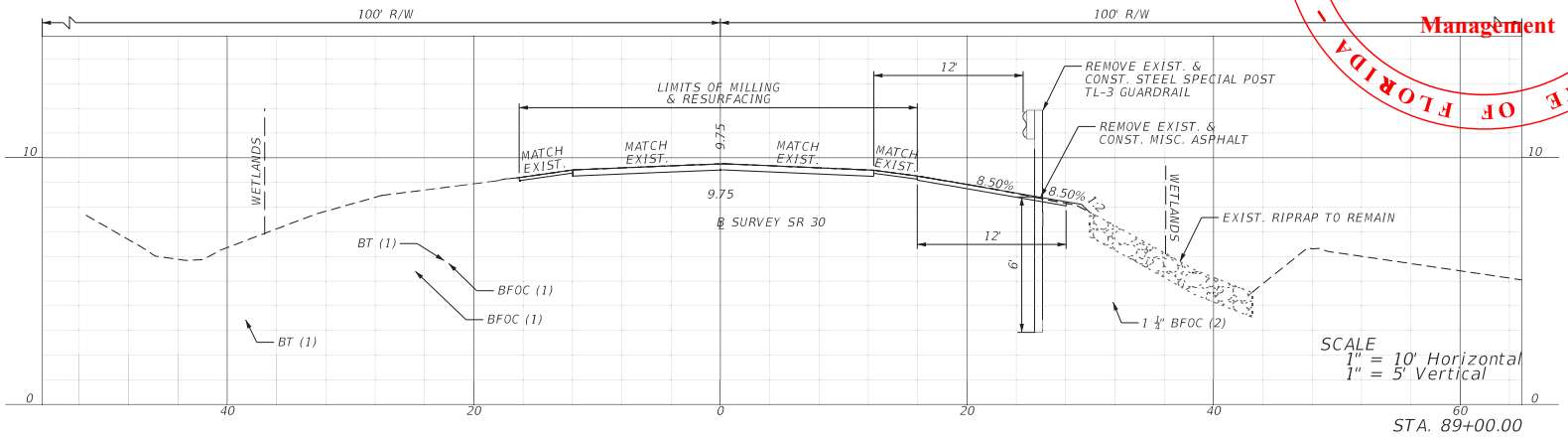
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REVISIONS				ENGINEER OF RECORD	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			CROSS SECTIONS	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	HEATHER W. REMICK, P.E. LICENSE NUMBER 80458 GORTEMOLLER ENGINEERING, INC. 708 THOMAS DRIVE PANAMA CITY BEACH, FL 32408	ROAD NO.	COUNTY	FINANCIAL PROJECT ID		98
					SR 30	FRANKLIN	445759-1-52-01		



STA. 89+50.00

BEGIN SPECIAL STEEL POSTS
STA. 88+88.38 RT



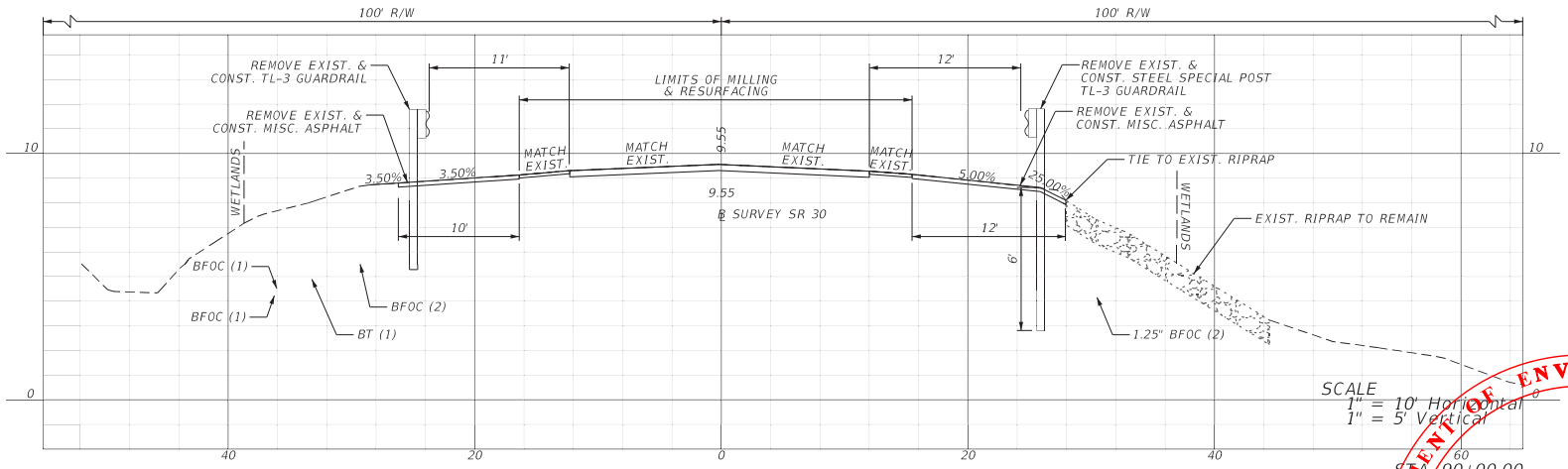
STA. 89+00.00

DEPARTMENT OF ENVIRONMENTAL PROTECTION - STATE OF FLORIDA
Permit Number
19-0426910-001-SFG
Water Resource Management

REVISIONS				ENGINEER OF RECORD	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			CROSS SECTIONS	SHEET NO.
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					SR 30	FRANKLIN	445759-1-52-01		

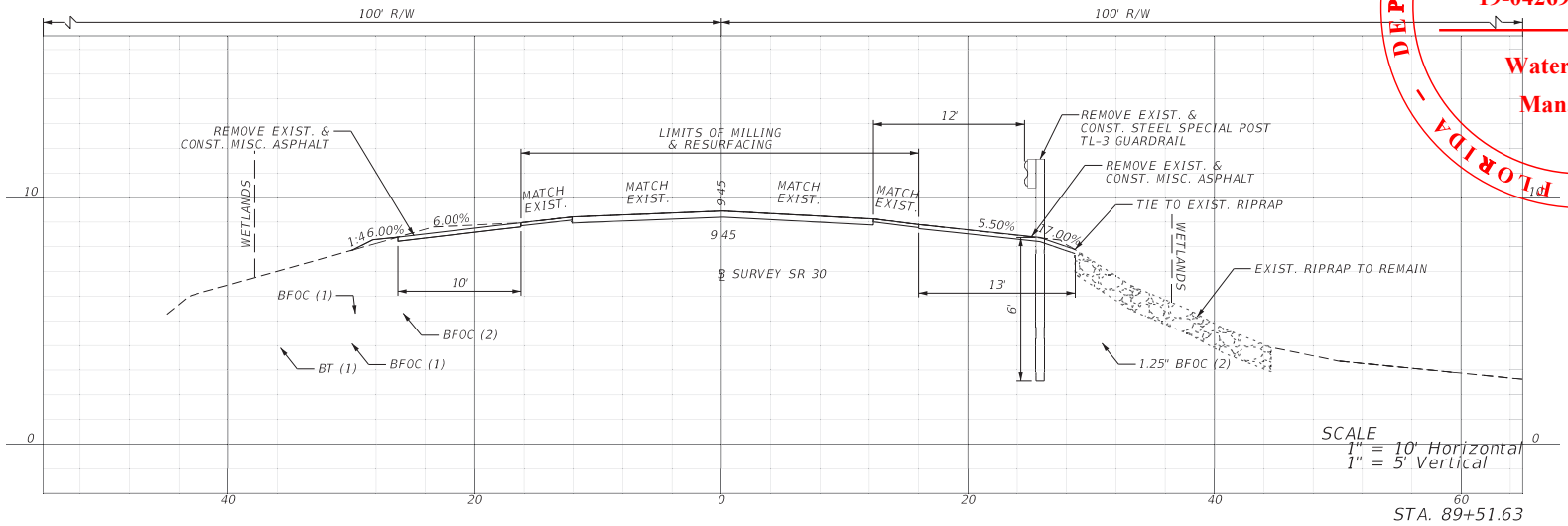
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SCALE
1" = 10' Horizontal
1" = 5' Vertical

STA. 90+00.00



SCALE
1" = 10' Horizontal
1" = 5' Vertical

STA. 89+51.63

DEPARTMENT OF ENVIRONMENTAL PROTECTION - STATE OF FLORIDA -

Permit Number

19-0426910-001-SFG

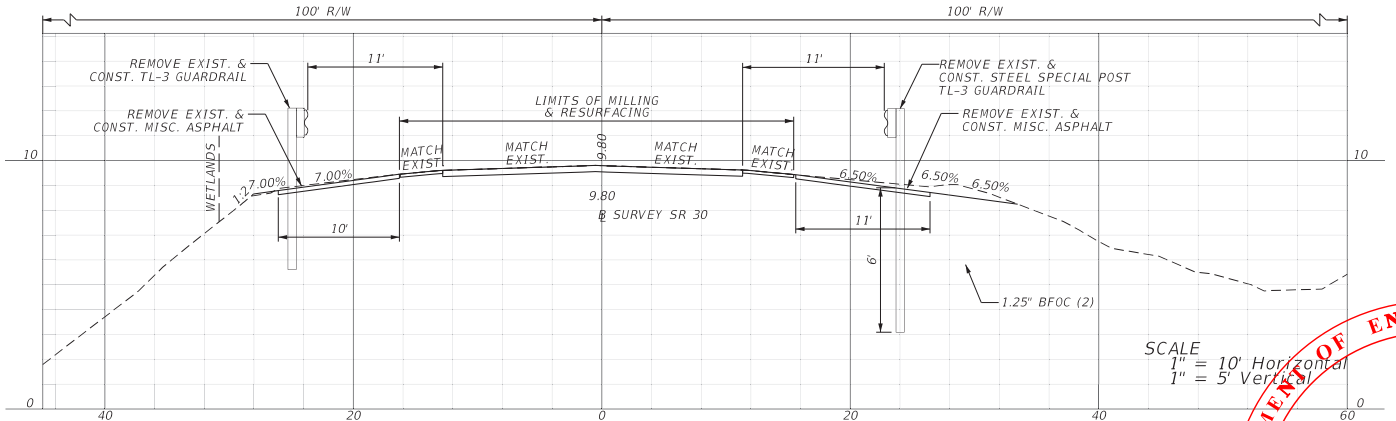
Water Resource Management

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REVISIONS				ENGINEER OF RECORD	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			CROSS SECTIONS	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	HEATHER W. REMICK, P.E. LICENSE NUMBER 80458 GORTEMOLLER ENGINEERING, INC. 708 THOMAS DRIVE PANAMA CITY BEACH, FL 32408	ROAD NO.	COUNTY	FINANCIAL PROJECT ID		100
					SR 30	FRANKLIN	445759-1-52-01		

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END SPECIAL STEEL POSTS
STA. 91+56.67 RT



SCALE
1" = 10' Horizontal
1" = 5' Vertical

STA. 91+50.00

END SPECIAL STEEL POSTS
STA. 91+43.89 LT

BEGIN SPECIAL STEEL POSTS
STA. 91+20.45 LT

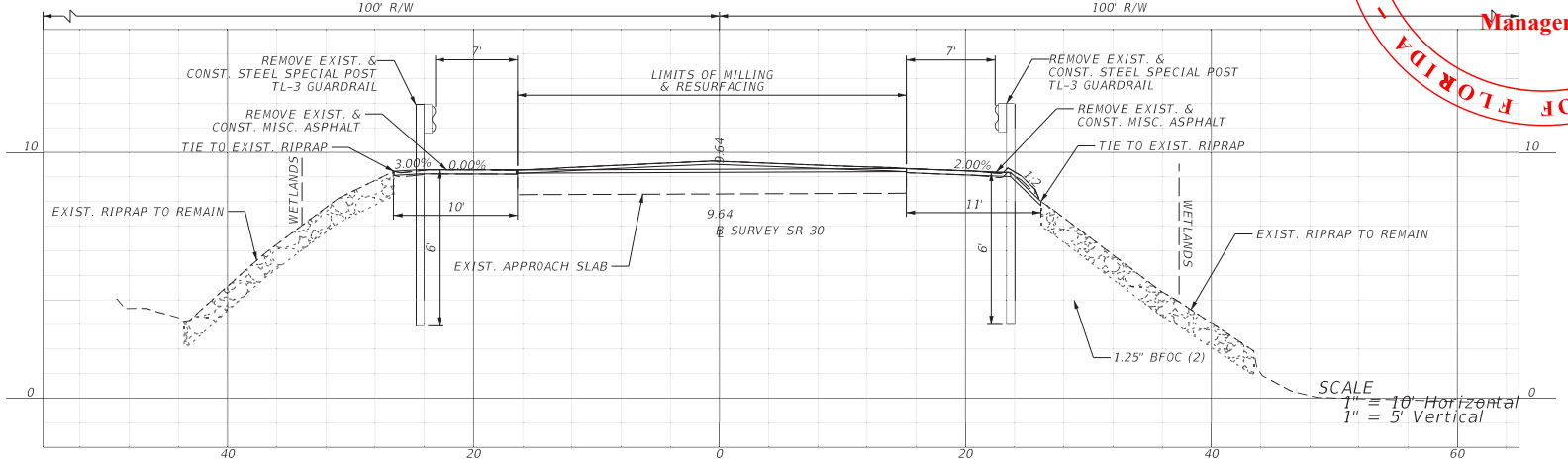
BEGIN EARTHWORK
STA. 91+18.49

BEGIN SPECIAL STEEL POSTS
STA. 91+20.74 RT

END SPECIAL STEEL POSTS
STA. 90+55.13 LT

END EARTHWORK
STA. 90+57.08

END SPECIAL STEEL POSTS
STA. 90+55.24 RT



SCALE
1" = 10' Horizontal
1" = 5' Vertical

STA. 90+50.00

BEGIN SPECIAL STEEL POSTS
STA. 90+37.94 LT

DEPARTMENT OF ENVIRONMENTAL PROTECTION - STATE OF FLORIDA -

Permit Number

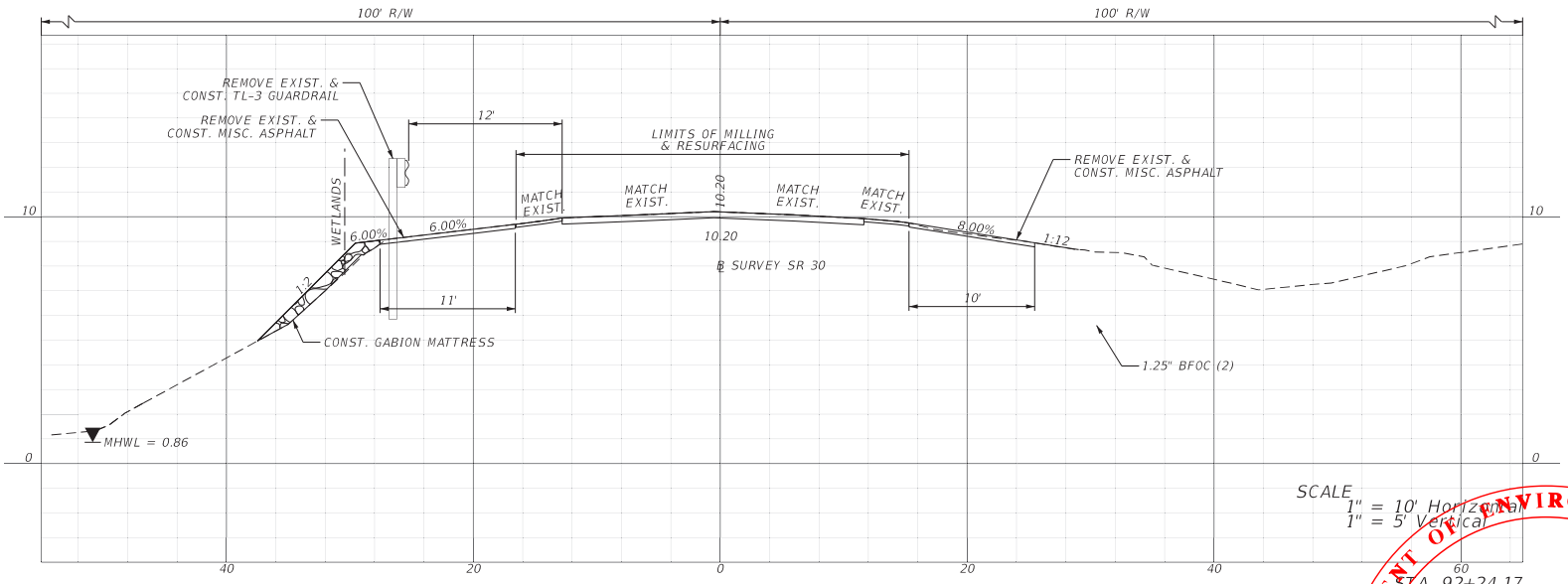
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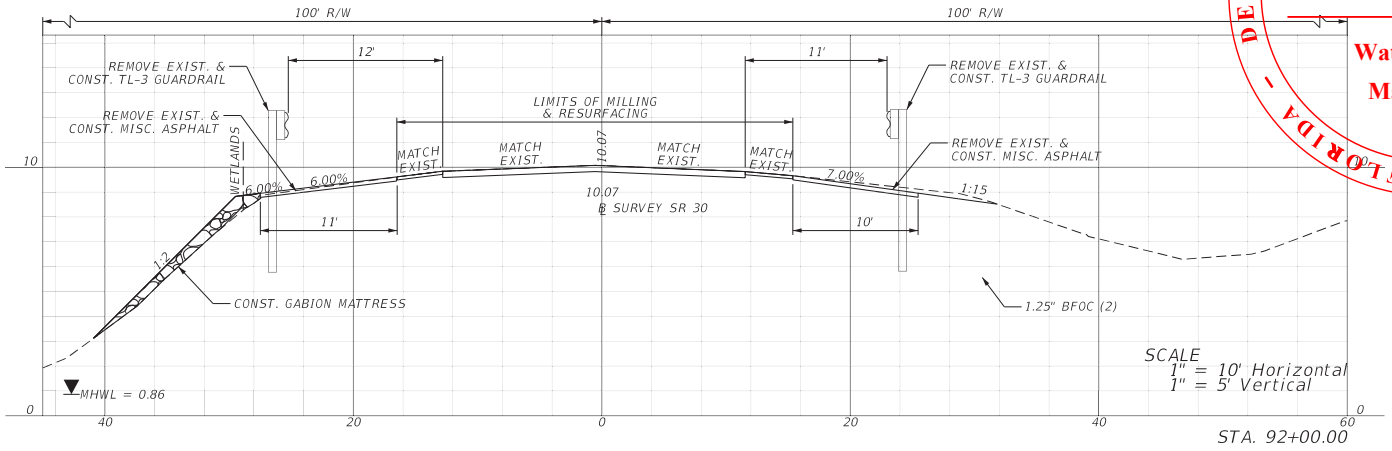
Water Resource Management

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REVISIONS				ENGINEER OF RECORD	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			CROSS SECTIONS	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	HEATHER W. REMICK, P.E. LICENSE NUMBER 80458 GORTEMOLLER ENGINEERING, INC. 708 THOMAS DRIVE PANAMA CITY BEACH, FL 32408	ROAD NO.	COUNTY	FINANCIAL PROJECT ID		101
					SR 30	FRANKLIN	445759-1-52-01		





DEPARTMENT OF ENVIRONMENTAL PROTECTION - STATE OF FLORIDA -

Permit Number

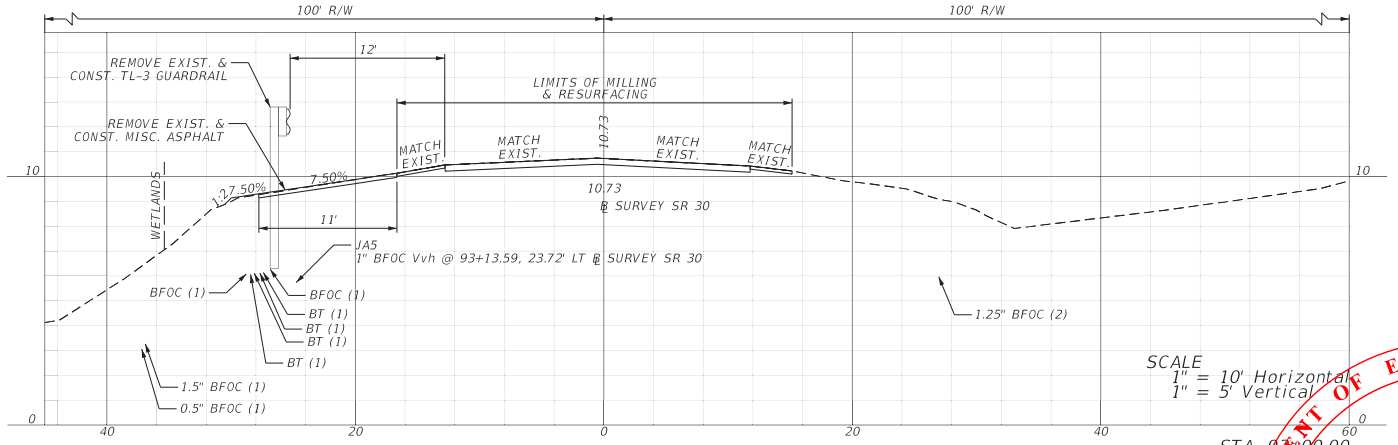
19-0426910-001-SFG

Water Resource Management

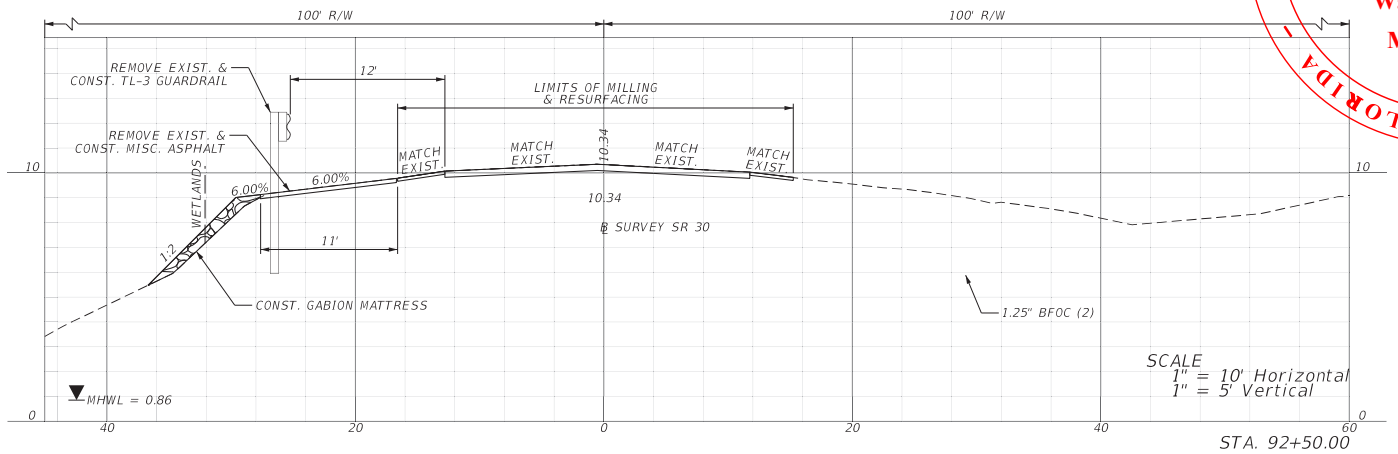
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REVISIONS				ENGINEER OF RECORD	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			CROSS SECTIONS	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	HEATHER W. REMICK, P.E. LICENSE NUMBER 80458 GORTEMOLLER ENGINEERING, INC. 708 THOMAS DRIVE PANAMA CITY BEACH, FL 32408	ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
					SR 30	FRANKLIN	445759-1-52-01		102



STA. 93+00.00



STA. 92+50.00

DEPARTMENT OF ENVIRONMENTAL PROTECTION - STATE OF FLORIDA

Permit Number

19-0426910-001-SFG

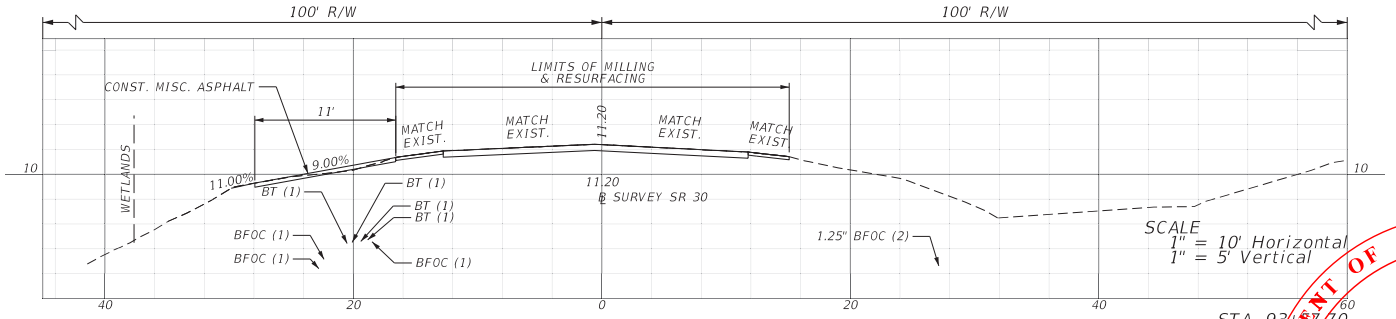
Water Resource Management

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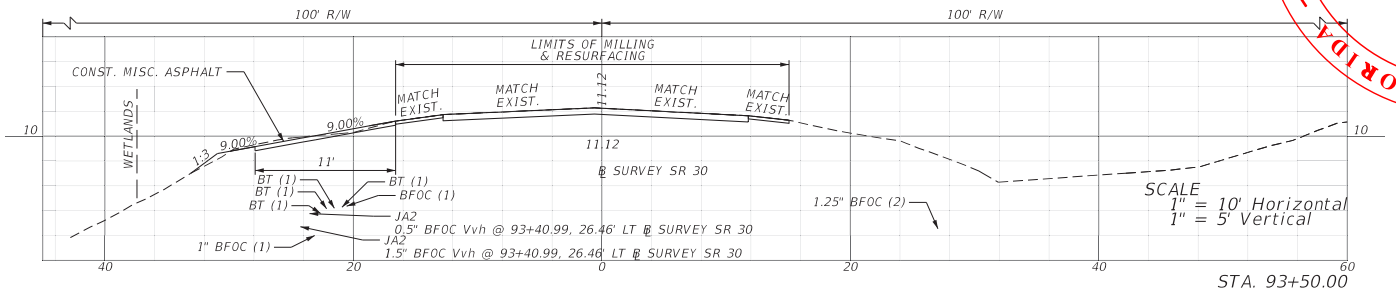
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REVISIONS				ENGINEER OF RECORD	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			CROSS SECTIONS	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	HEATHER W. REMICK, P.E. LICENSE NUMBER 80458 GORTEMOLLER ENGINEERING, INC. 708 THOMAS DRIVE PANAMA CITY BEACH, FL 32408	ROAD NO.	COUNTY	FINANCIAL PROJECT ID		103
					SR 30	FRANKLIN	445759-1-52-01		

END EARTHWORK
STA. 93+57.70



STA. 93+57.70



STA. 93+50.00

DEPARTMENT OF ENVIRONMENTAL PROTECTION - STATE OF FLORIDA -

Permit Number

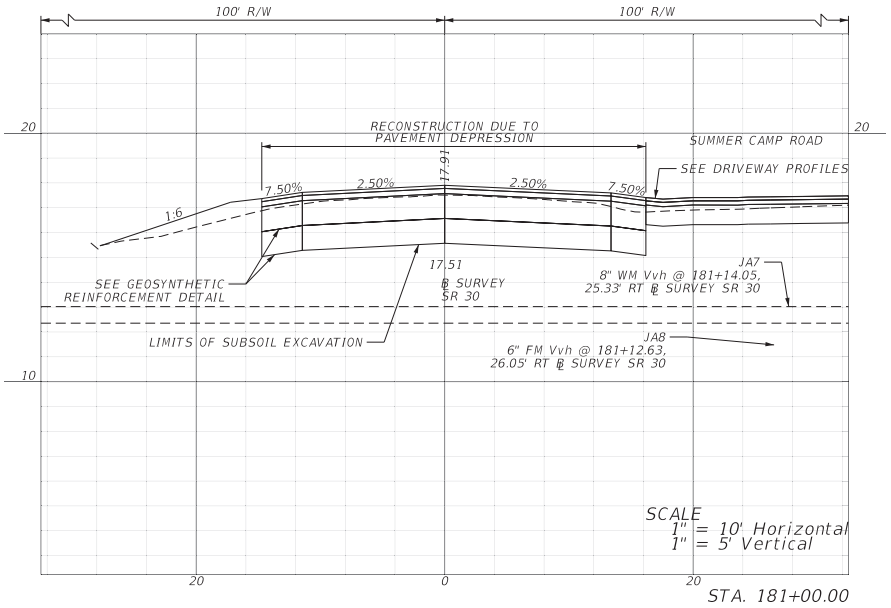
19-0426910-001-SFG

Water Resource Management

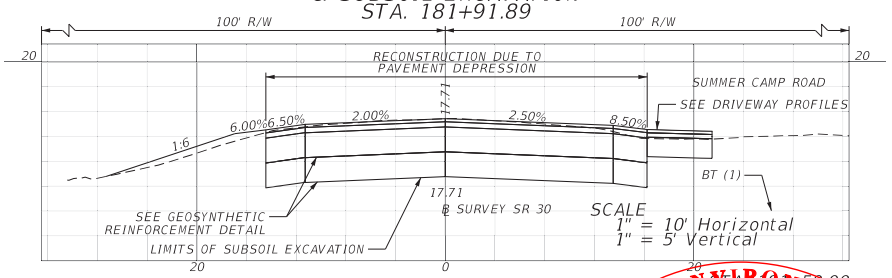
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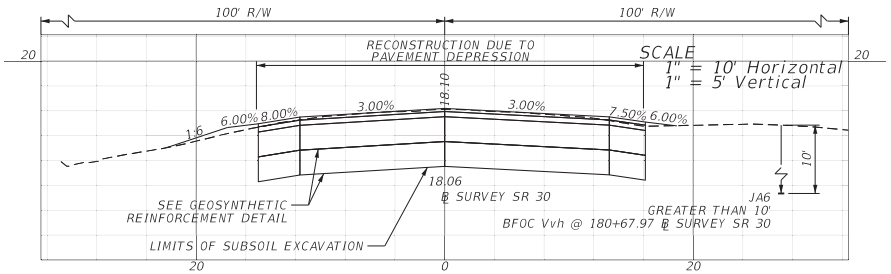
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REVISIONS				ENGINEER OF RECORD	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			CROSS SECTIONS	SHEET NO.
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					SR 30	FRANKLIN	445759-1-52-01		104



END EARTHWORK & SUBSOIL EXCAVATION STA. 181+91.89





BEGIN EARTHWORK & SUBSOIL EXCAVATION STA. 180+27.58

DEPARTMENT OF ENVIRONMENTAL PROTECTION - STATE OF FLORIDA -

Permit Number

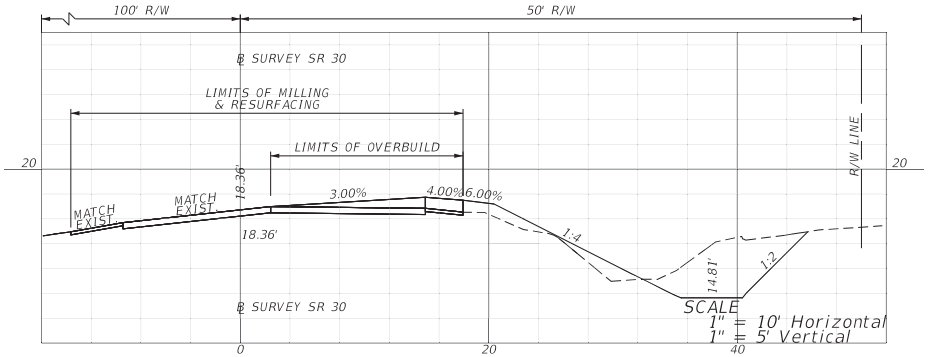
19-0426910-001-SFG

Water Resource Management

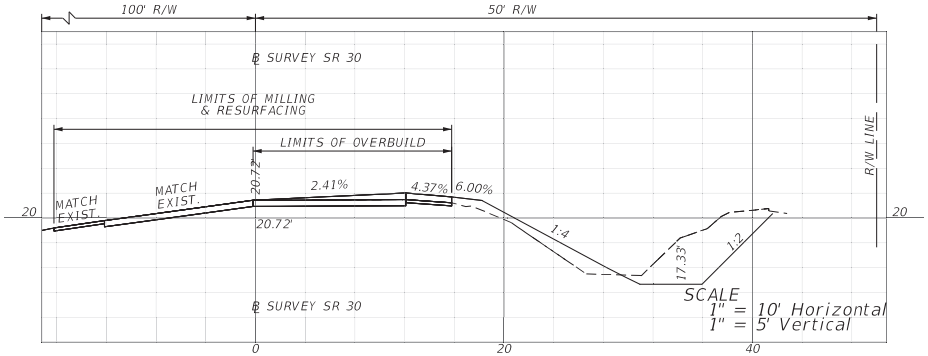
THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS				ENGINEER OF RECORD	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			CROSS SECTIONS	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	HEATHER W. REMICK, P.E. LICENSE NUMBER 80458 GORTEMOLLER ENGINEERING, INC. 708 THOMAS DRIVE PANAMA CITY BEACH, FL 32408	ROAD NO.	COUNTY	FINANCIAL PROJECT ID		105
					SR 30	FRANKLIN	445759-1-52-01		

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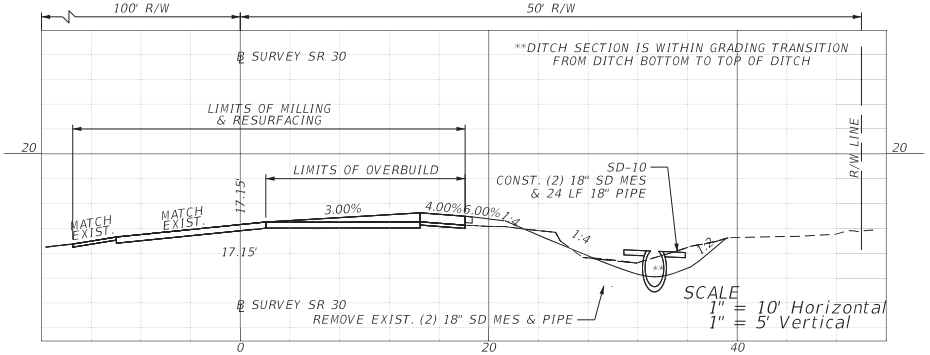


STA. 249+00.00



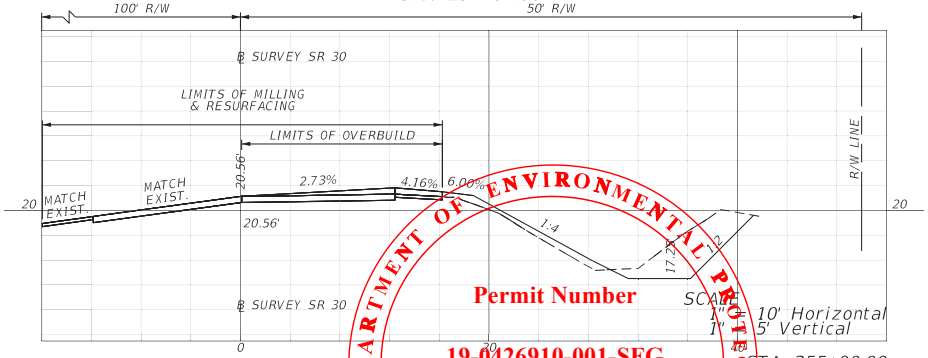
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BEGIN SUPERELEVATION CORRECTION
STA. 254+04.00

STA. 255+48.55

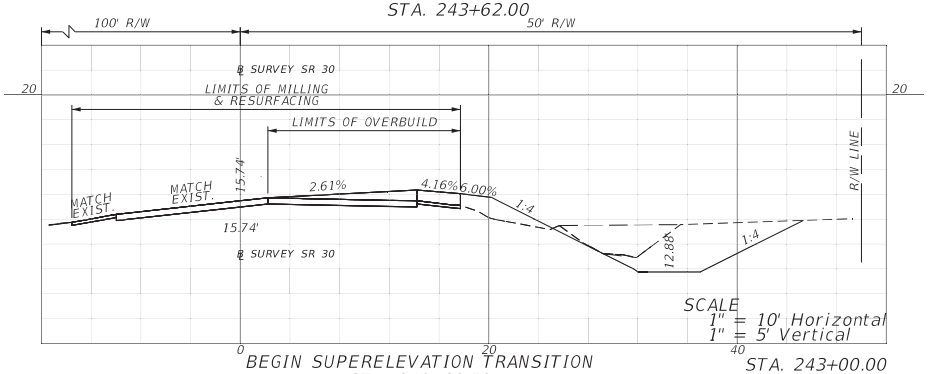


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STA. 243+62.00

STA. 246+00.00

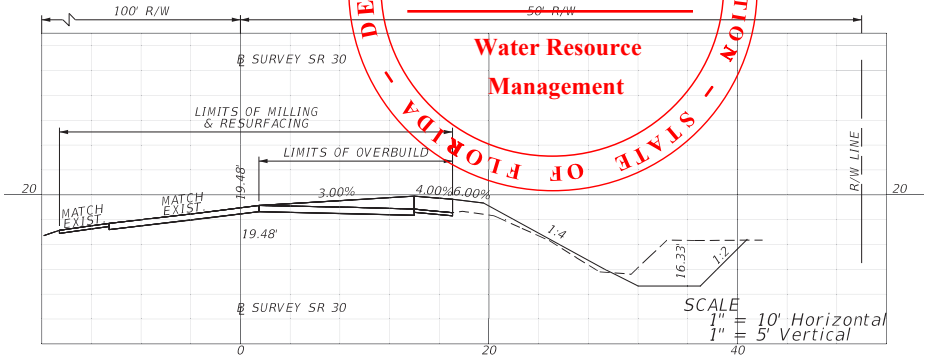


STA. 255+00.00



BEGIN SUPERELEVATION TRANSITION
STA. 240+68.50

STA. 243+00.00



STA. 252+00.00

DEPARTMENT OF ENVIRONMENTAL PROTECTION - STATE OF FLORIDA -

Permit Number

19-0426910-001-SFG

50' R/W

Water Resource Management

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

ENGINEER OF RECORD

HEATHER W. REMICK, P.E.
LICENSE NUMBER 80458
GORTEMOLLER ENGINEERING, INC.
708 THOMAS DRIVE
PANAMA CITY BEACH, FL 32408

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

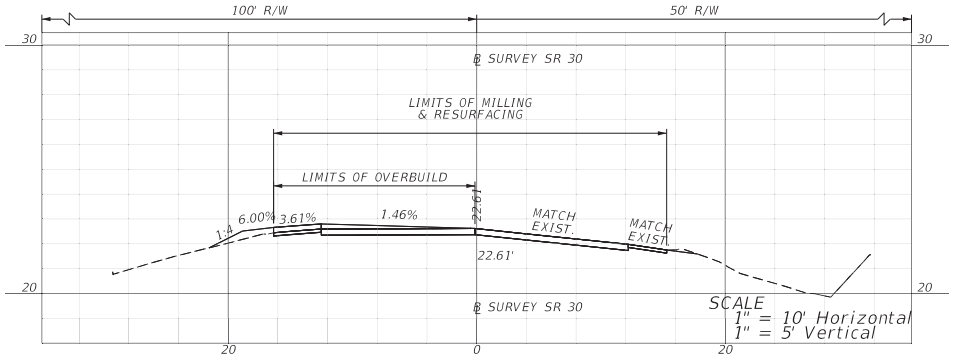
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 30	FRANKLIN	445759-1-52-01

CROSS SECTIONS

SHEET NO. 106

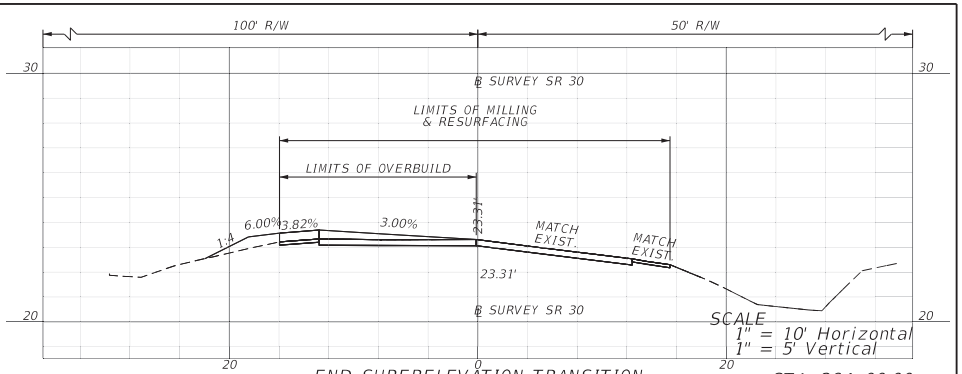
THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

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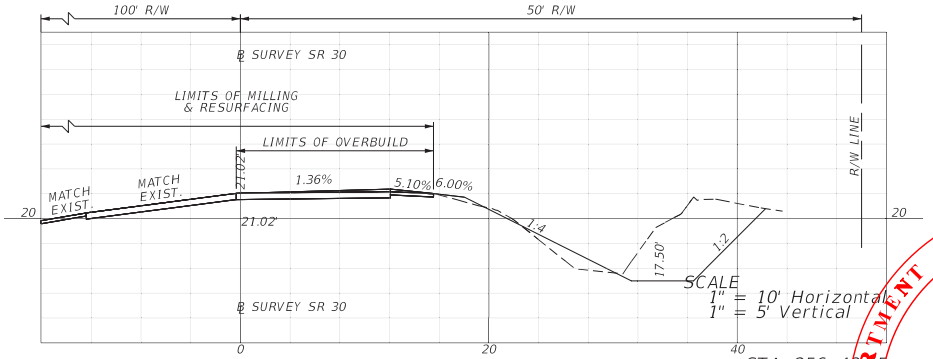
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STA. 260+00.00
END SUPERELEVATION TRANSITION
STA. 259+00.00

STA. 261+08.27

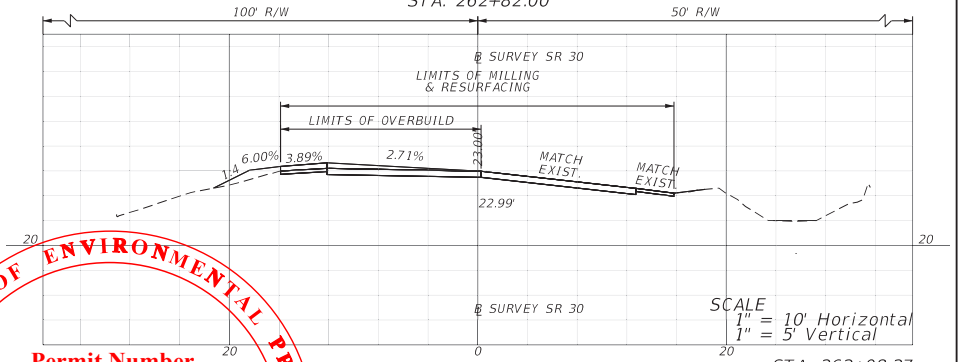


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BEGIN SUPERELEVATION CORRECTION
STA. 262+82.00

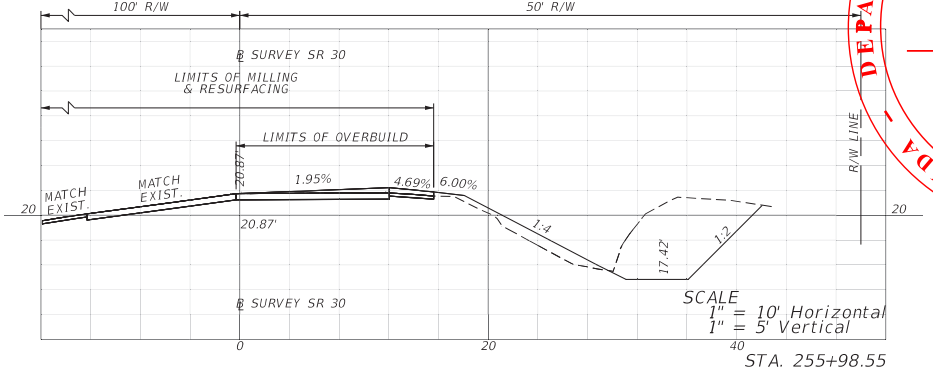
STA. 264+00.00



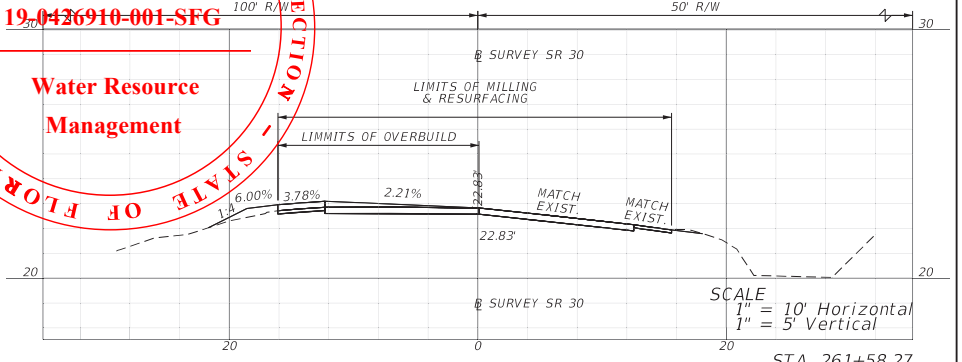
STA. 256+48.25



STA. 262+08.27



STA. 255+98.55



STA. 261+58.27

DEPARTMENT OF ENVIRONMENTAL PROTECTION - STATE OF FLORIDA -

Permit Number

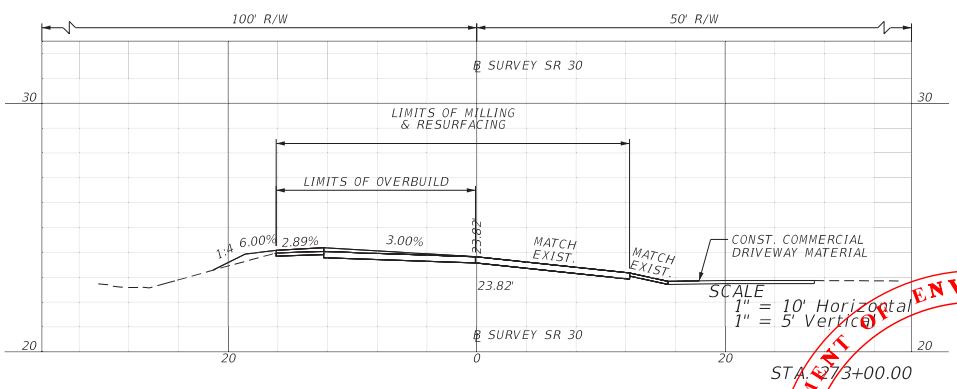
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Water Resource Management

REVISIONS				ENGINEER OF RECORD	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			CROSS SECTIONS	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	HEATHER W. REMICK, P.E. LICENSE NUMBER 80458 GORTEMOLLER ENGINEERING, INC. 708 THOMAS DRIVE PANAMA CITY BEACH, FL 32408	ROAD NO.	COUNTY	FINANCIAL PROJECT ID		107
					SR 30	FRANKLIN	445759-1-52-01		

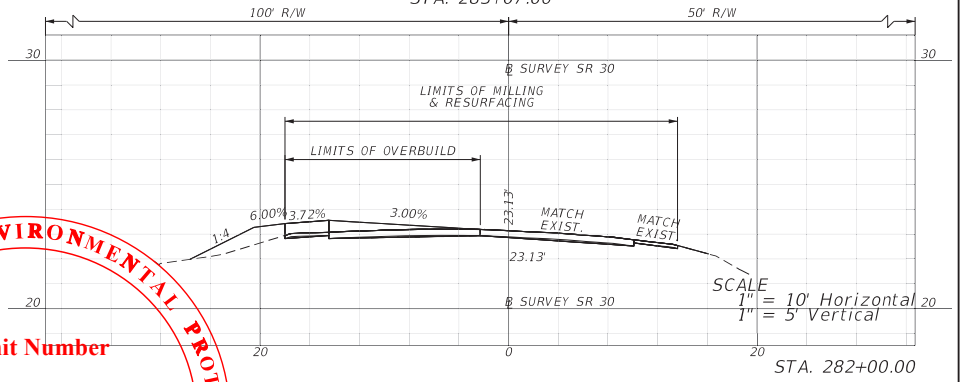
THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

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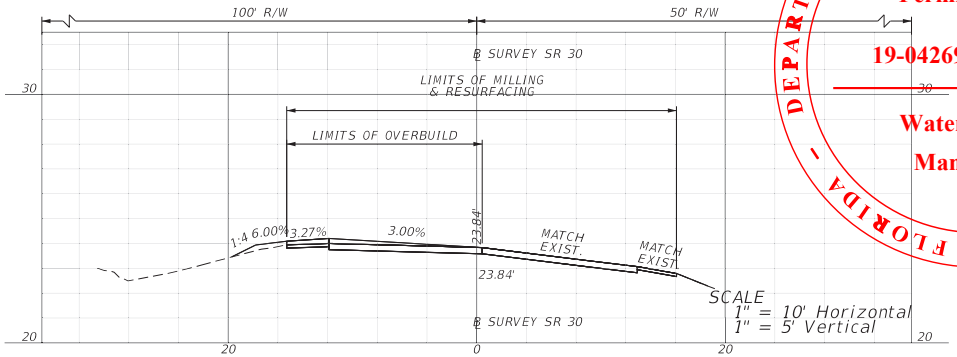


STA. 273+00.00

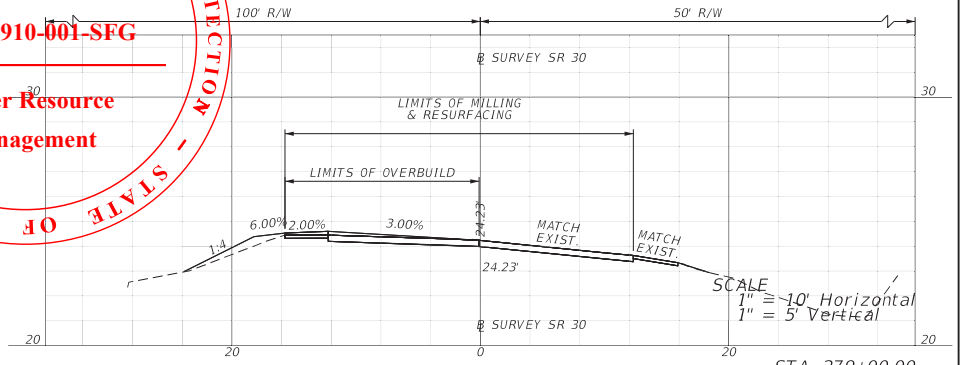
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BEGIN SUPERELEVATION TRANSITION
STA. 283+07.00



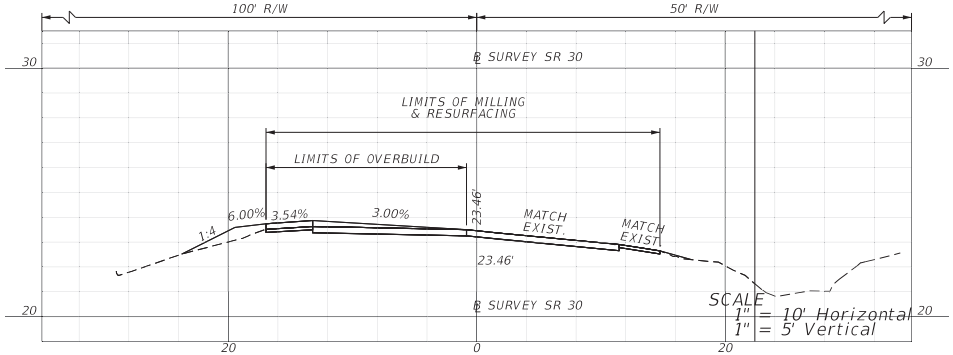
STA. 282+00.00



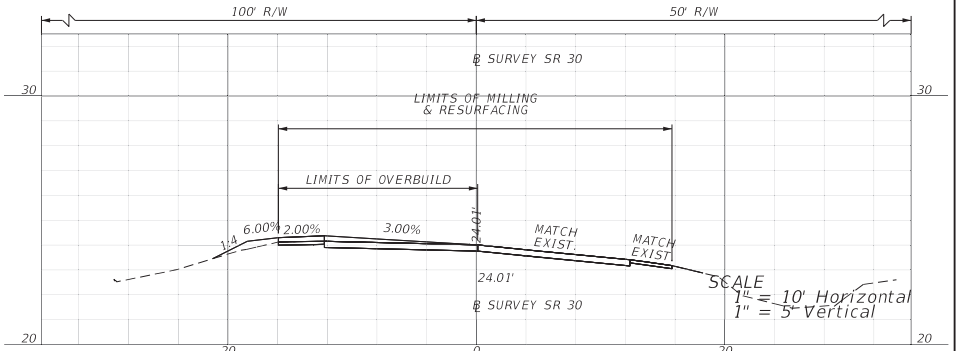
STA. 270+00.00



STA. 279+00.00



STA. 267+00.00



STA. 276+00.00

DEPARTMENT OF ENVIRONMENTAL PROTECTION - STATE OF FLORIDA -

Permit Number

19-0426910-001-SFG

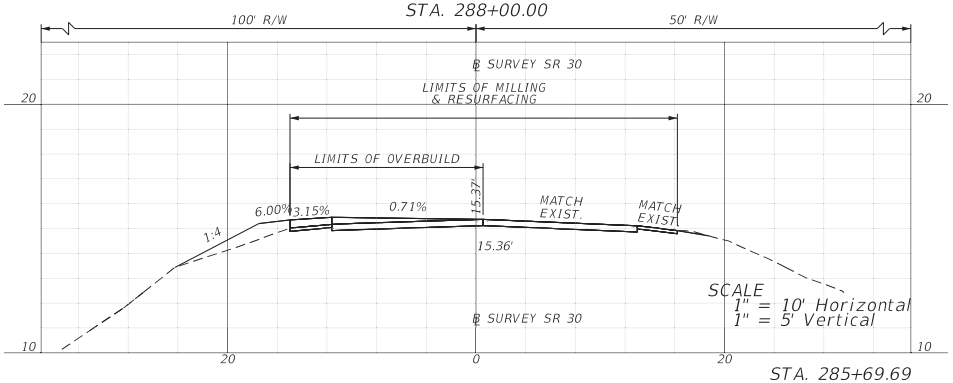
Water Resource Management

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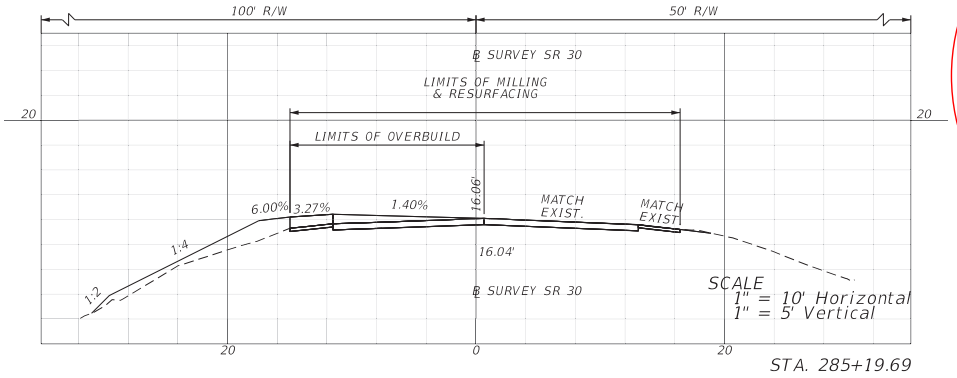
REVISIONS				ENGINEER OF RECORD	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			CROSS SECTIONS	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	HEATHER W. REMICK, P.E. LICENSE NUMBER 80458 GORTEMOLLER ENGINEERING, INC. 708 THOMAS DRIVE PANAMA CITY BEACH, FL 32408	ROAD NO.	COUNTY	FINANCIAL PROJECT ID		108
					SR 30	FRANKLIN	445759-1-52-01		

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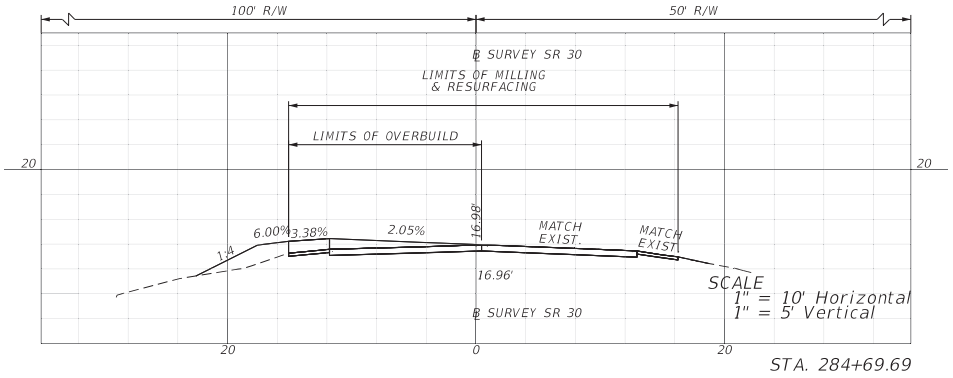
END SUPERELEVATION TRANSITION
STA. 288+00.00



STA. 285+69.69



STA. 285+19.69



STA. 284+69.69

DEPARTMENT OF ENVIRONMENTAL PROTECTION - STATE OF FLORIDA -

Permit Number

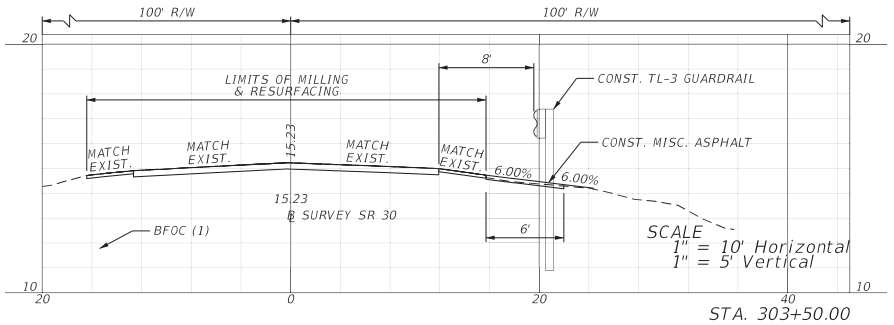
19-0426910-001-SFG

Water Resource Management

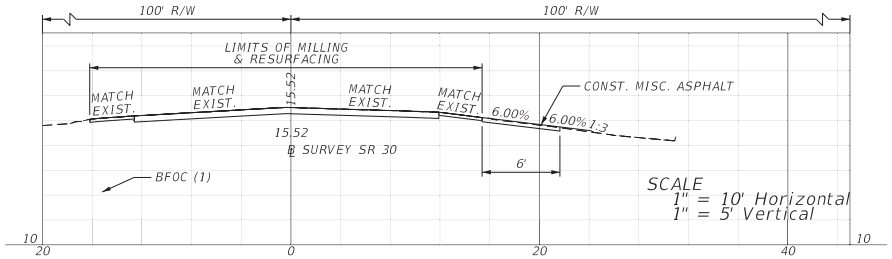
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REVISIONS				ENGINEER OF RECORD	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			CROSS SECTIONS	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	HEATHER W. REMICK, P.E. LICENSE NUMBER 80458 GORTEMOLLER ENGINEERING, INC. 708 THOMAS DRIVE PANAMA CITY BEACH, FL 32408	ROAD NO.	COUNTY	FINANCIAL PROJECT ID		109
					SR 30	FRANKLIN	445759-1-52-01		

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STA. 303+50.00



STA. 303+00.00

BEGIN EARTHWORK
STA. 302+97.20

DEPARTMENT OF ENVIRONMENTAL PROTECTION - STATE OF FLORIDA -

Permit Number

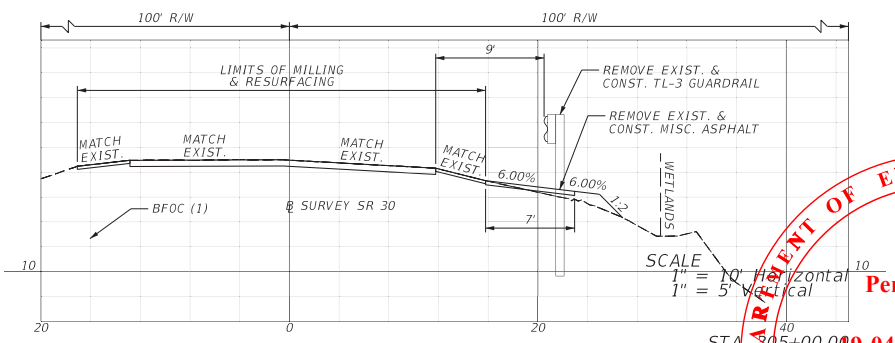
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Water Resource Management

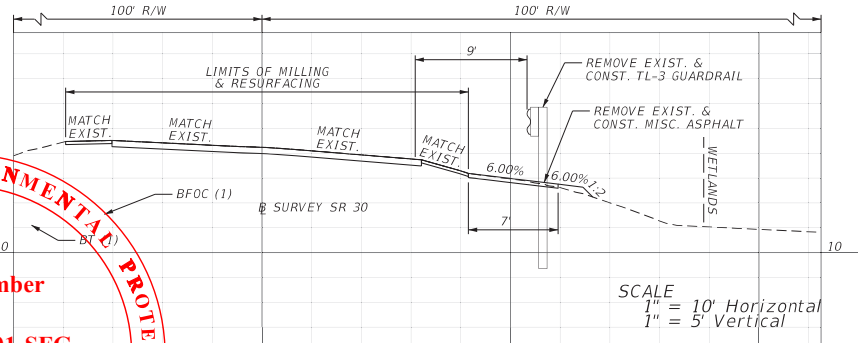
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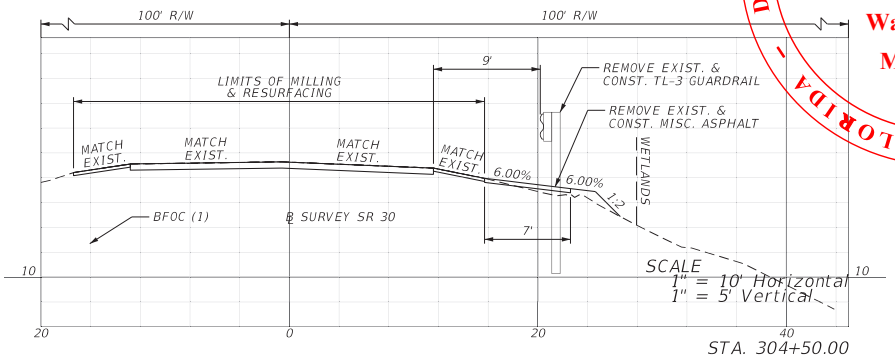
REVISIONS				ENGINEER OF RECORD	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			CROSS SECTIONS	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	HEATHER W. REMICK, P.E. LICENSE NUMBER 80458 GORTEMOLLER ENGINEERING, INC. 708 THOMAS DRIVE PANAMA CITY BEACH, FL 32408	ROAD NO.	COUNTY	FINANCIAL PROJECT ID		110
					SR 30	FRANKLIN	445759-1-52-01		



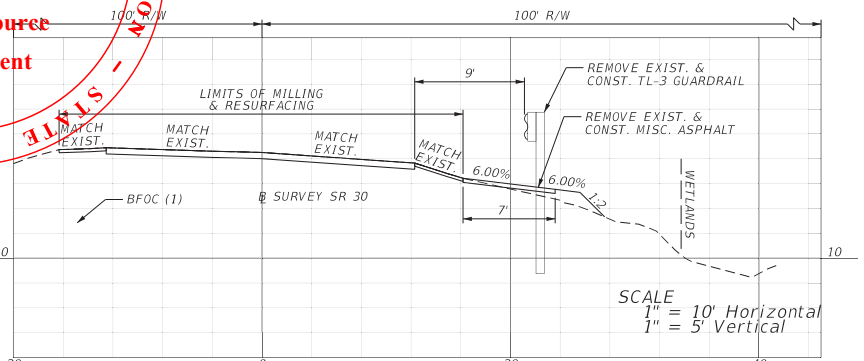
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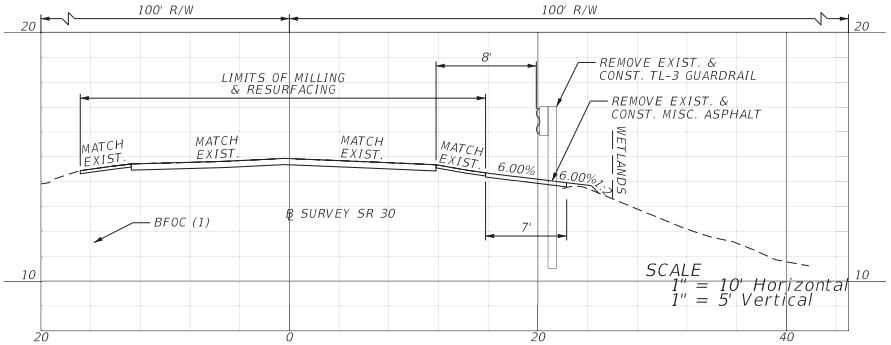
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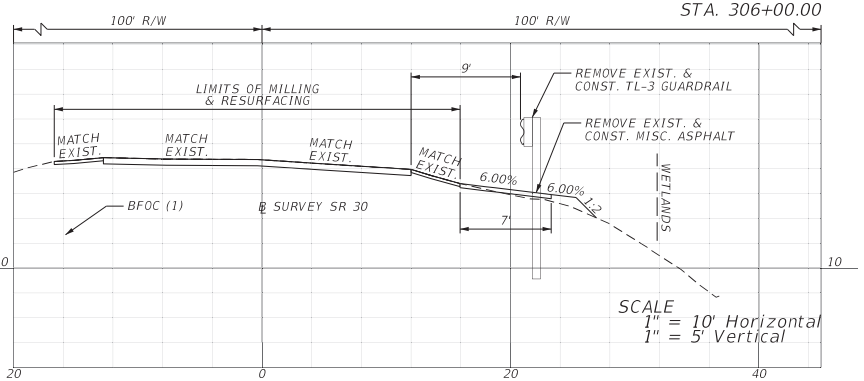
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STA. 306+00.00



STA. 304+00.00



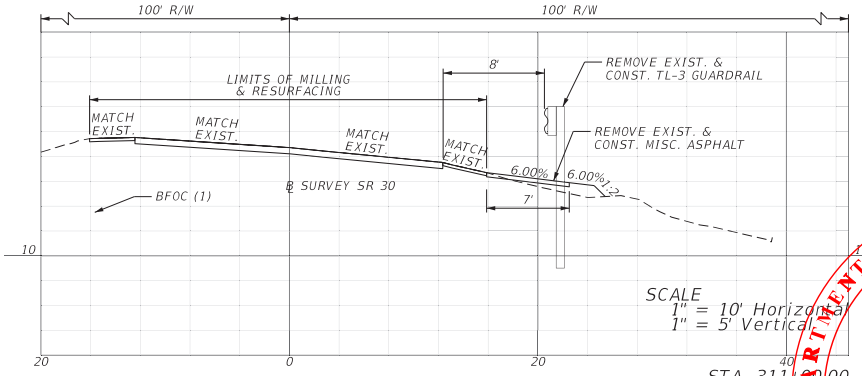
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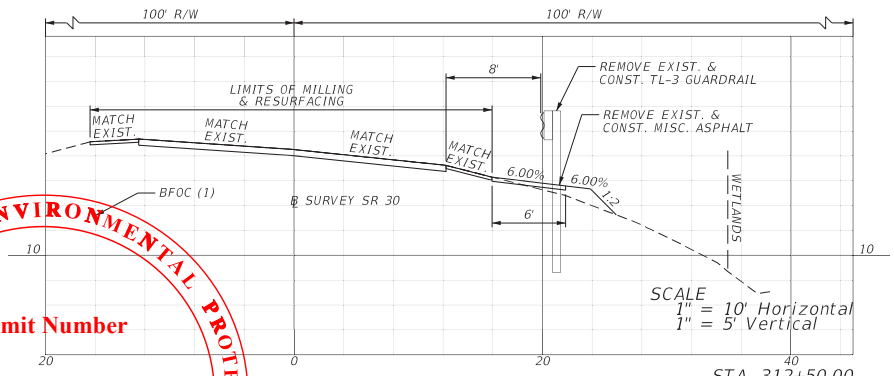
DEPARTMENT OF ENVIRONMENTAL PROTECTION - STATE OF FLORIDA -
Permit Number
19-0426910-001-SFG
Water Resource Management

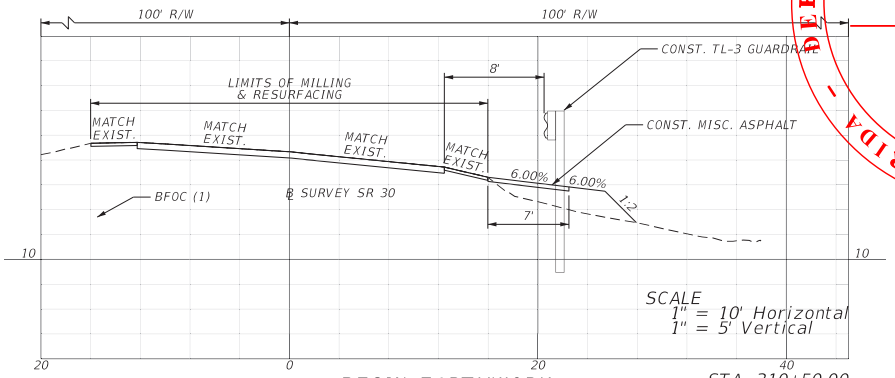
REVISIONS				ENGINEER OF RECORD	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			CROSS SECTIONS	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	HEATHER W. REMICK, P.E. LICENSE NUMBER 80458 GORTEMOLLER ENGINEERING, INC. 708 THOMAS DRIVE PANAMA CITY BEACH, FL 32408	ROAD NO.	COUNTY	FINANCIAL PROJECT ID		111
					SR 30	FRANKLIN	445759-1-52-01		

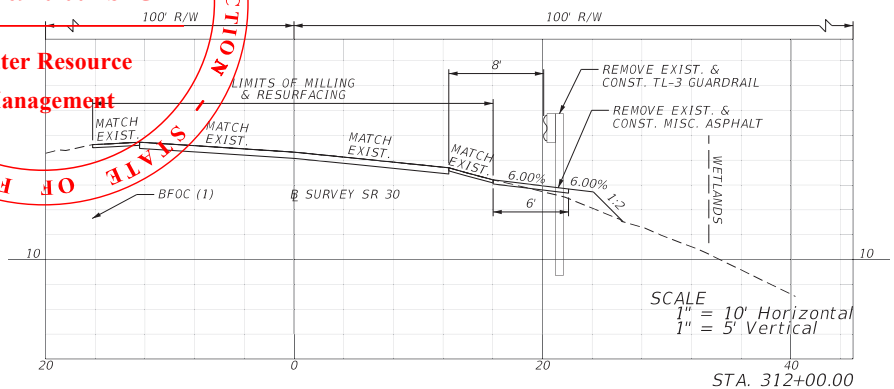
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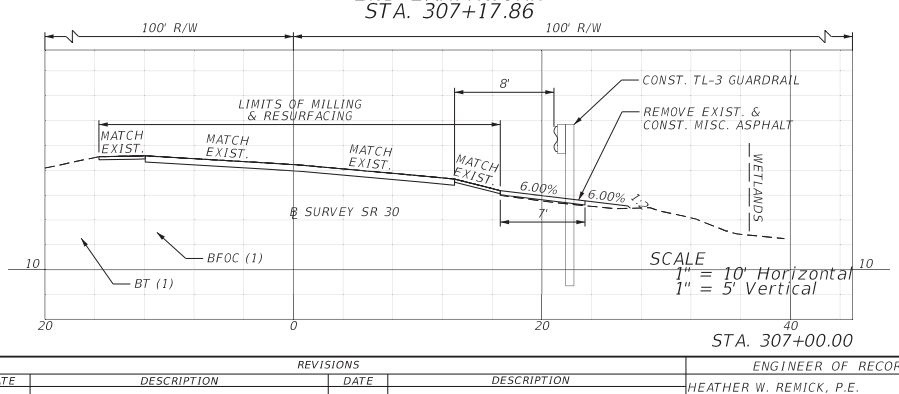


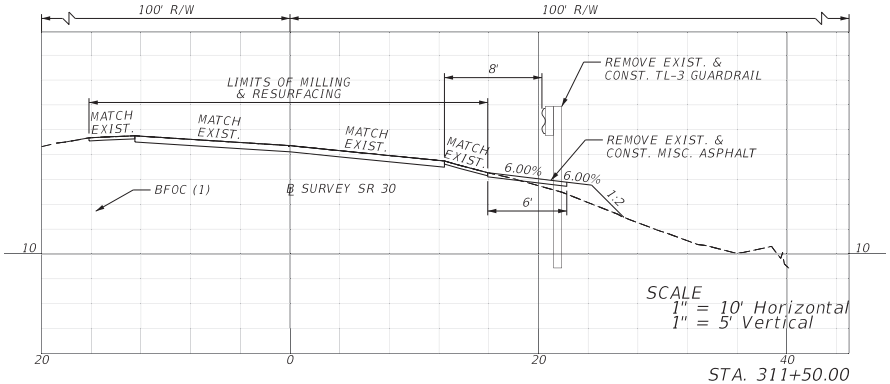




BEGIN EARTHWORK
STA. 310+12.21

END EARTHWORK
STA. 307+17.86





DEPARTMENT OF ENVIRONMENTAL PROTECTION - STATE OF FLORIDA
Permit Number
19-0426910-001-SFG
Water Resource Management

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

ENGINEER OF RECORD
HEATHER W. REMICK, P.E.
LICENSE NUMBER 80458
GORTEMOLLER ENGINEERING, INC.
708 THOMAS DRIVE
PANAMA CITY BEACH, FL 32408

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

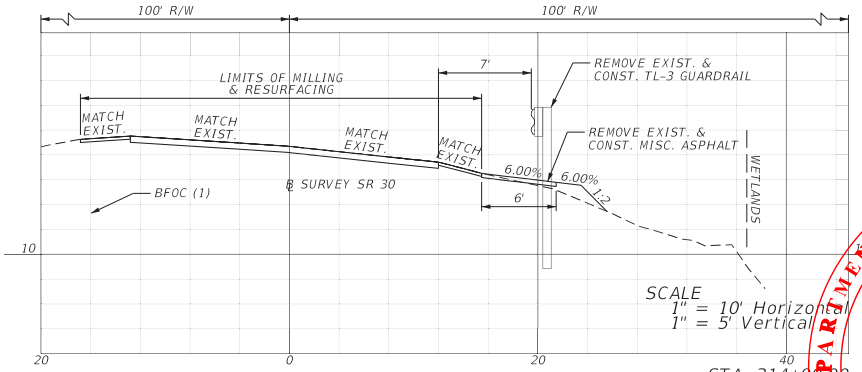
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 30	FRANKLIN	445759-1-52-01

CROSS SECTIONS

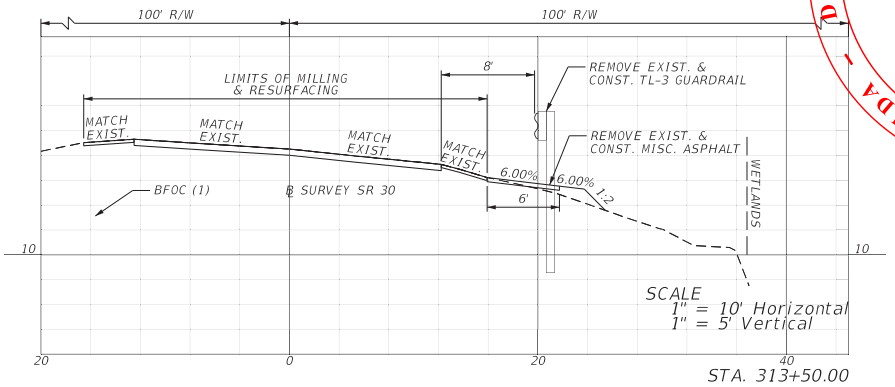
SHEET NO. 112

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

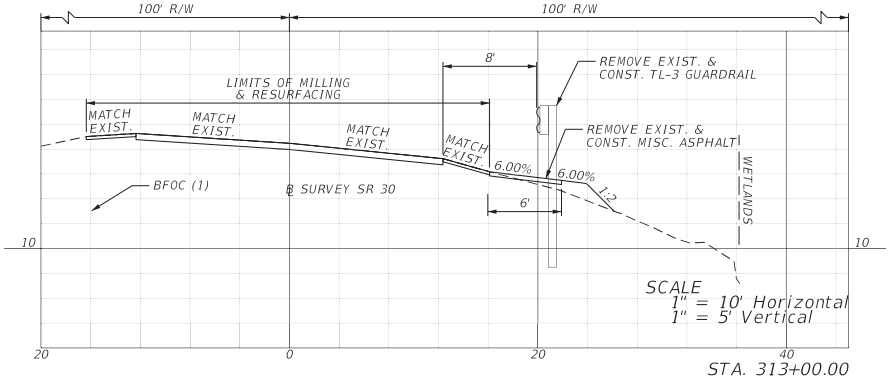
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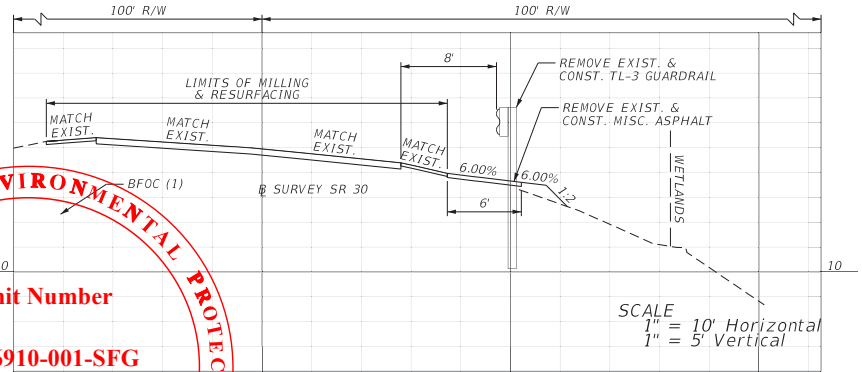
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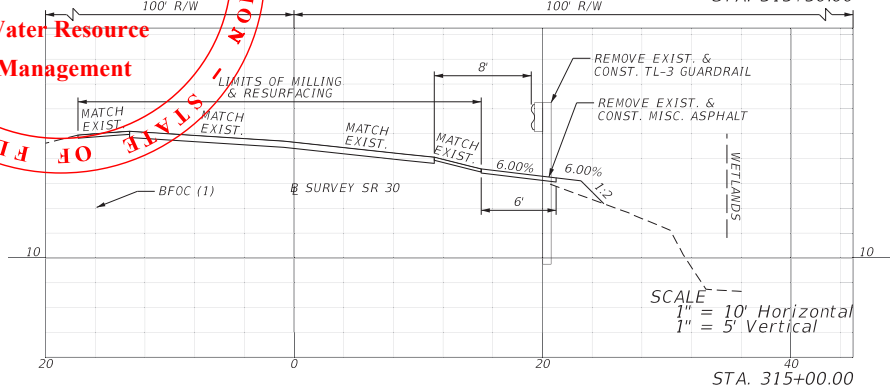
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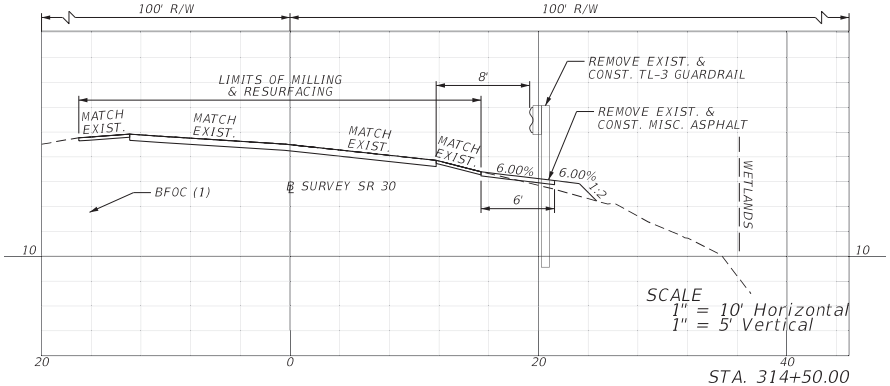
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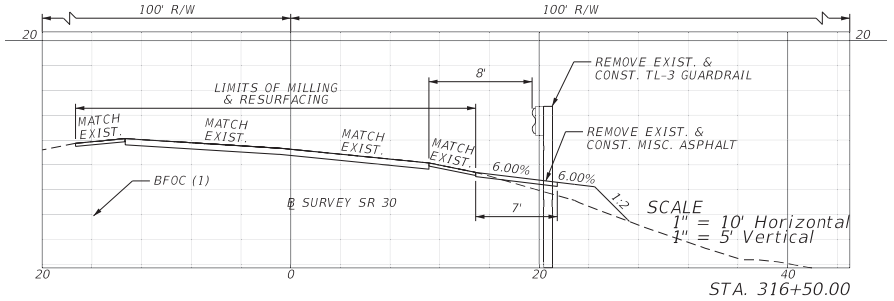
DEPARTMENT OF ENVIRONMENTAL PROTECTION - STATE OF FLORIDA
Permit Number
19-0426910-001-SFG
Water Resource Management

REVISIONS				ENGINEER OF RECORD	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			CROSS SECTIONS	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	HEATHER W. REMICK, P.E. LICENSE NUMBER 80458 GORTEMOLLER ENGINEERING, INC. 708 THOMAS DRIVE PANAMA CITY BEACH, FL 32408	ROAD NO.	COUNTY	FINANCIAL PROJECT ID		113
					SR 30	FRANKLIN	445759-1-52-01		

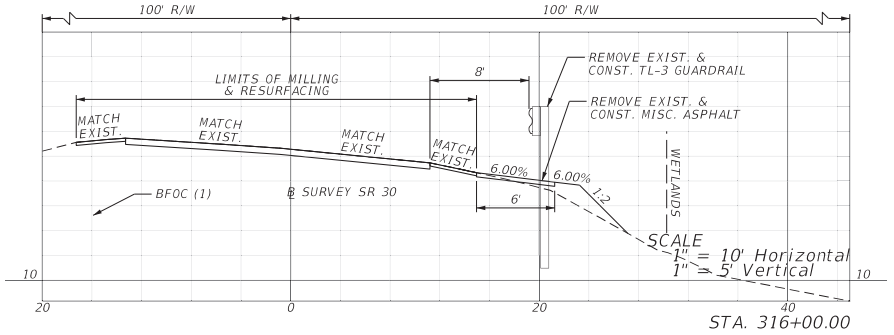
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STA. 316+00.00

DEPARTMENT OF ENVIRONMENTAL PROTECTION - STATE OF FLORIDA -

Permit Number

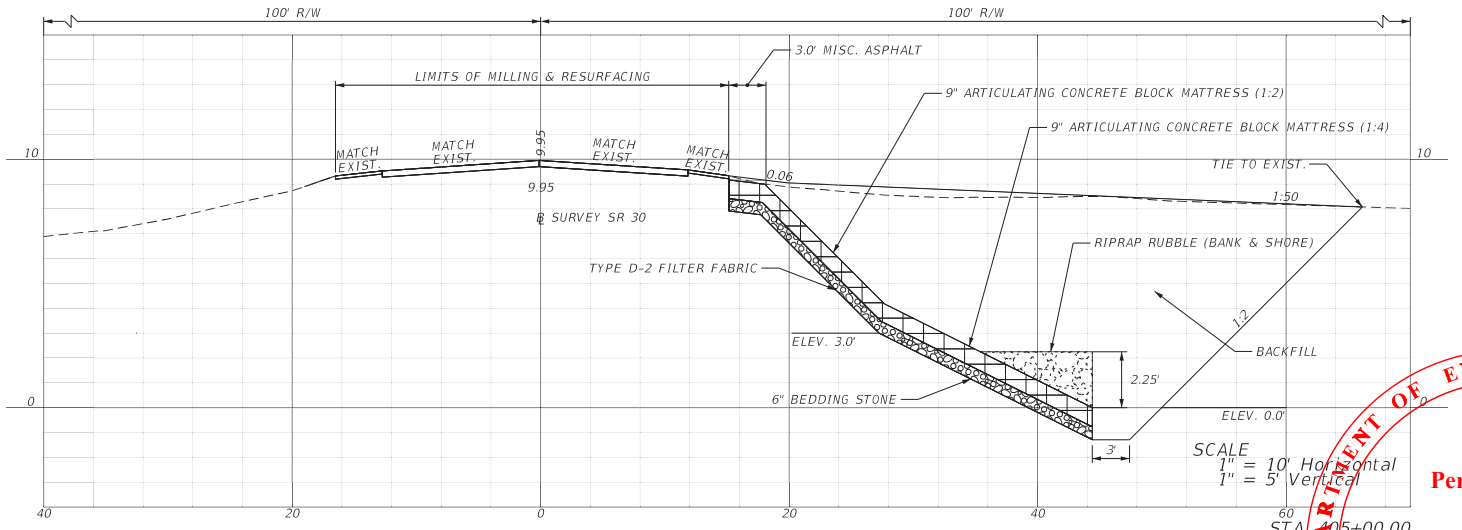
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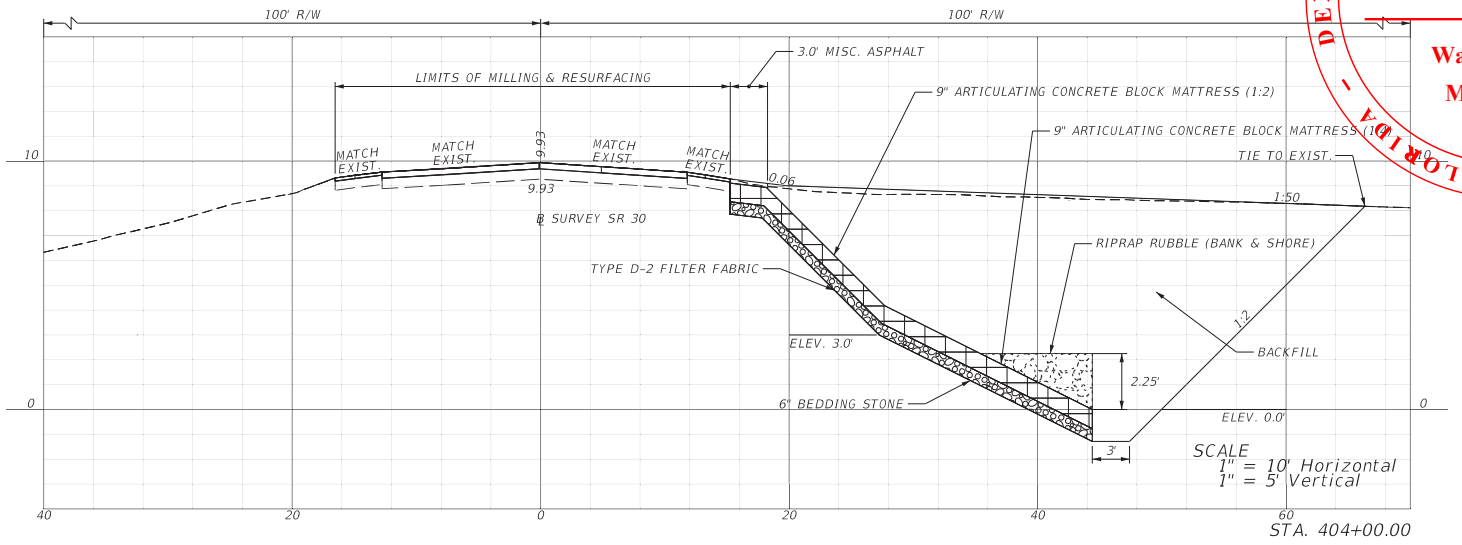
Water Resource Management

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REVISIONS				ENGINEER OF RECORD	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			CROSS SECTIONS	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	HEATHER W. REMICK, P.E. LICENSE NUMBER 80458 GORTEMOLLER ENGINEERING, INC. 708 THOMAS DRIVE PANAMA CITY BEACH, FL 32408	ROAD NO.	COUNTY	FINANCIAL PROJECT ID		114
					SR 30	FRANKLIN	445759-1-52-01		





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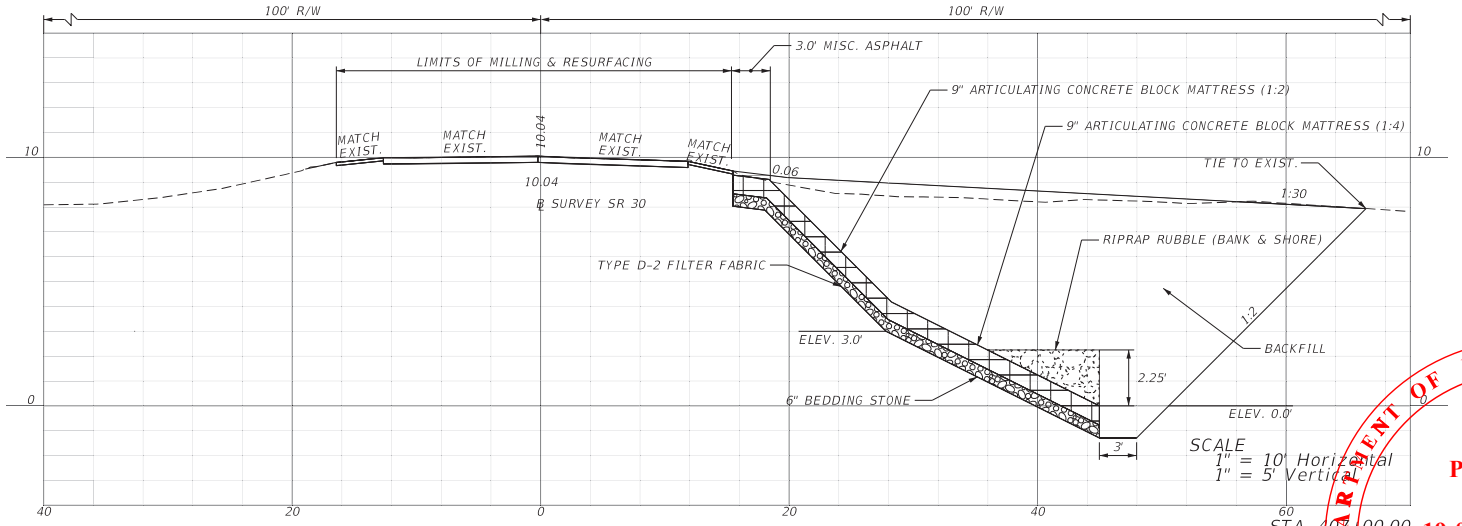
DEPARTMENT OF ENVIRONMENTAL PROTECTION - STATE OF FLORIDA

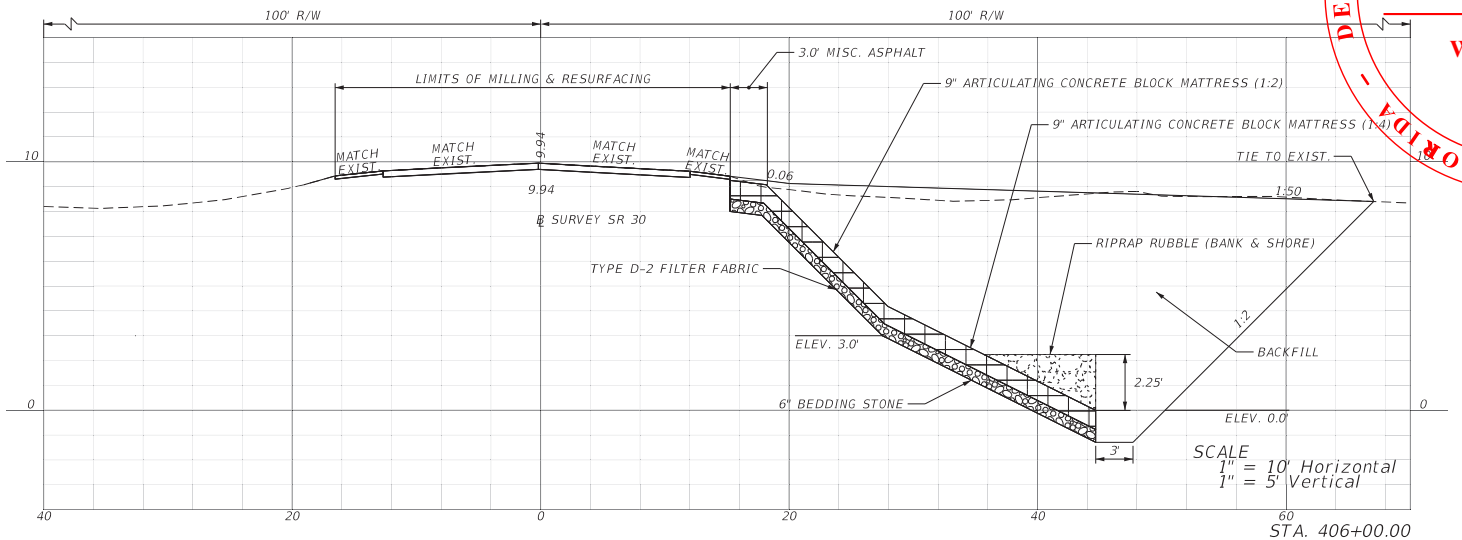
Permit Number
19-0426910-001-SFG
Water Resource Management

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REVISIONS				ENGINEER OF RECORD	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			CROSS SECTIONS	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	HEATHER W. REMICK, P.E. LICENSE NUMBER 80458 GORTEMOLLER ENGINEERING, INC. 708 THOMAS DRIVE PANAMA CITY BEACH, FL 32408	ROAD NO.	COUNTY	FINANCIAL PROJECT ID		115
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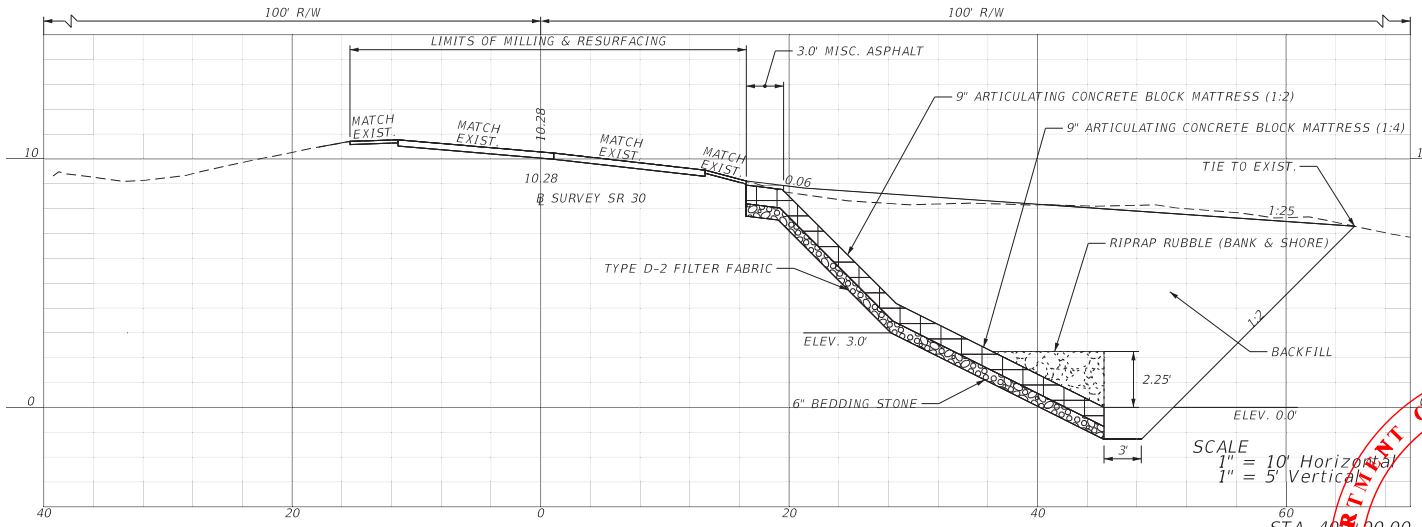
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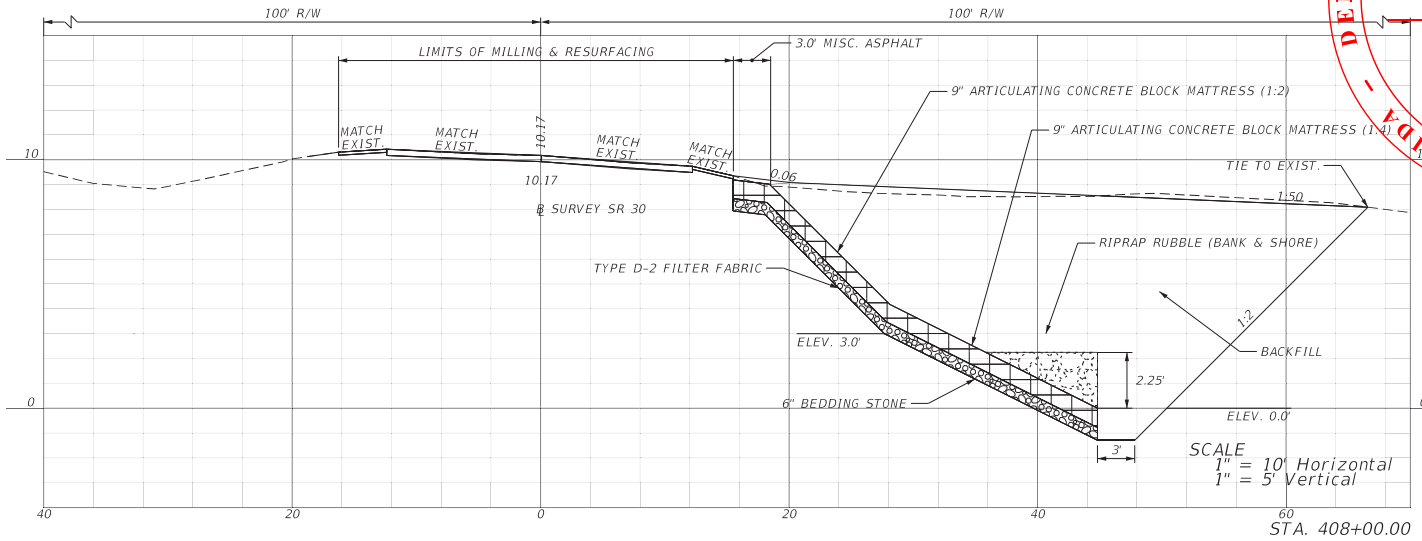
Water Resource Management

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REVISIONS				ENGINEER OF RECORD	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			CROSS SECTIONS	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	HEATHER W. REMICK, P.E. LICENSE NUMBER 80458 GORTEMOLLER ENGINEERING, INC. 708 THOMAS DRIVE PANAMA CITY BEACH, FL 32408	ROAD NO.	COUNTY	FINANCIAL PROJECT ID		116
					SR 30	FRANKLIN	445759-1-52-01		





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Permit Number

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REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

ENGINEER OF RECORD

HEATHER W. REMICK, P.E.
LICENSE NUMBER 80458
GORTEMOLLER ENGINEERING, INC.
708 THOMAS DRIVE
PANAMA CITY BEACH, FL 32408

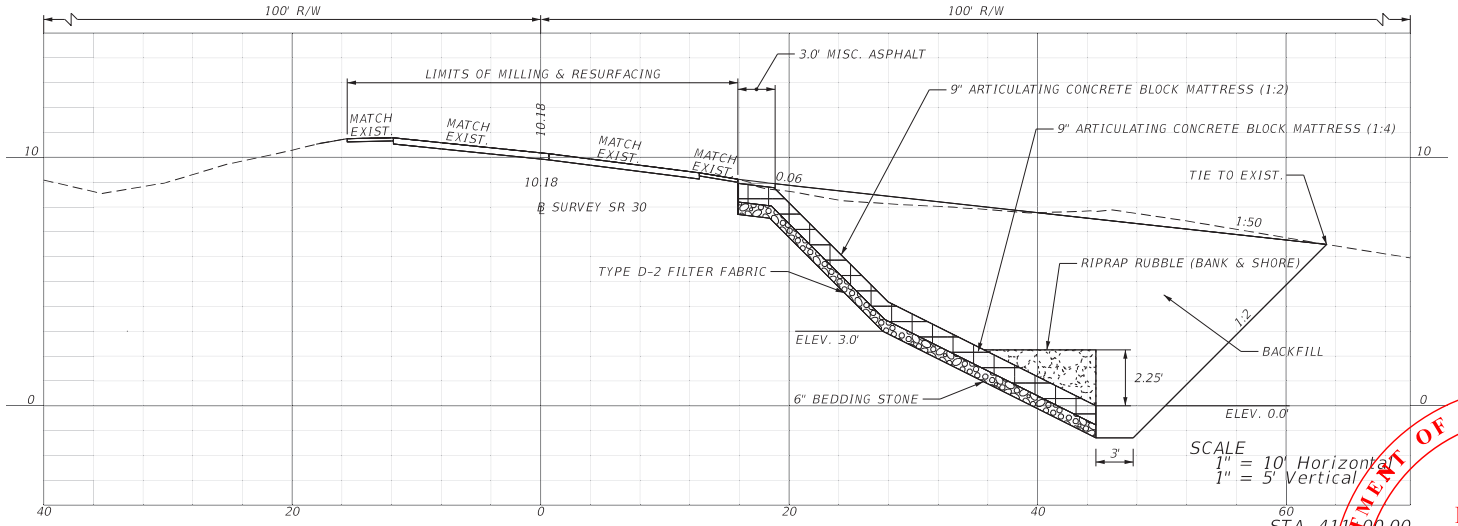
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DEPARTMENT OF TRANSPORTATION

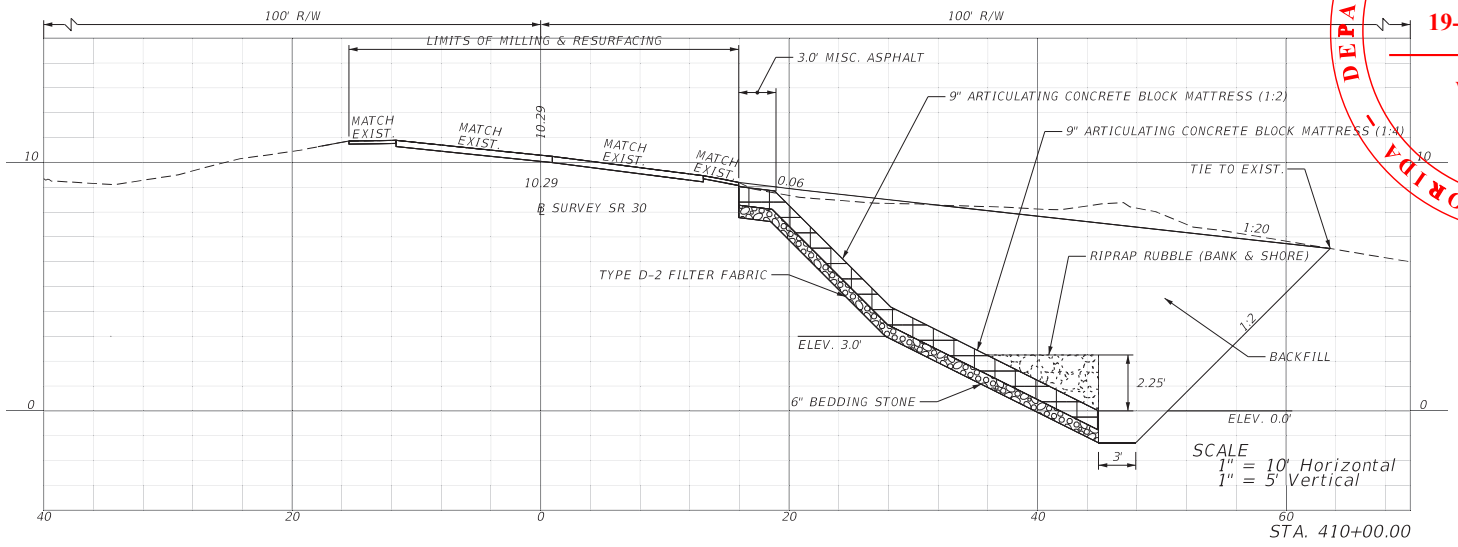
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 30	FRANKLIN	445759-1-52-01

CROSS SECTIONS

SHEET NO. 117

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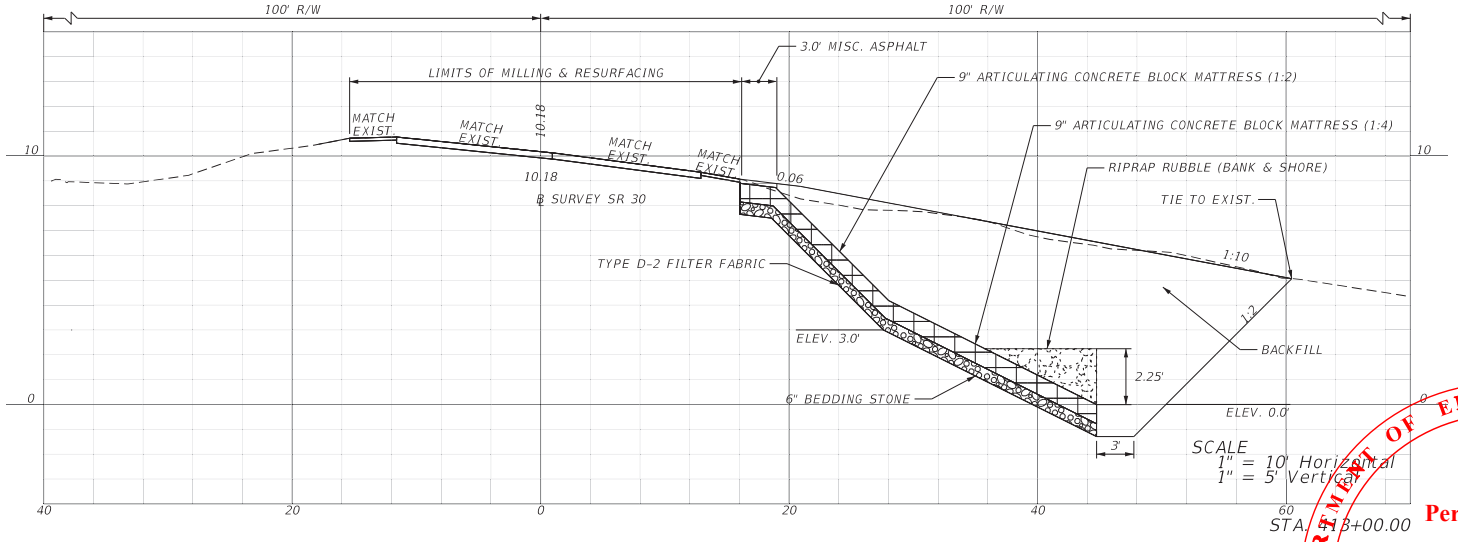
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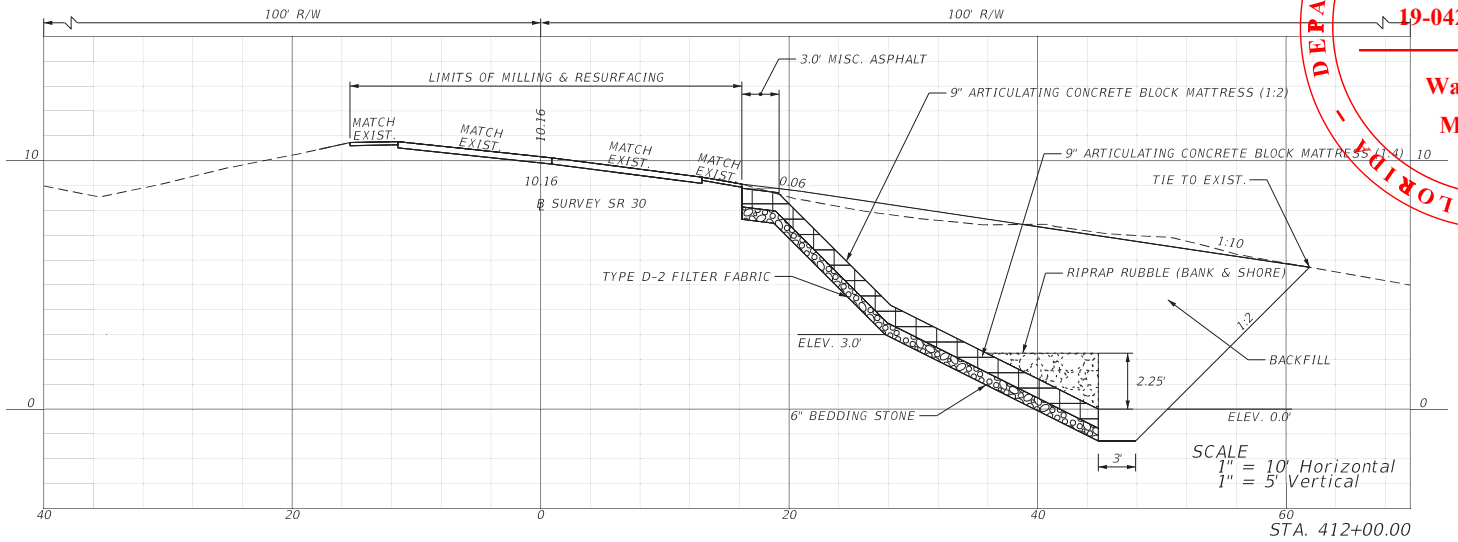
Water Resource Management

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REVISIONS				ENGINEER OF RECORD	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			CROSS SECTIONS	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	HEATHER W. REMICK, P.E. LICENSE NUMBER 80458 GORTEMOLLER ENGINEERING, INC. 708 THOMAS DRIVE PANAMA CITY BEACH, FL 32408	ROAD NO.	COUNTY	FINANCIAL PROJECT ID		118
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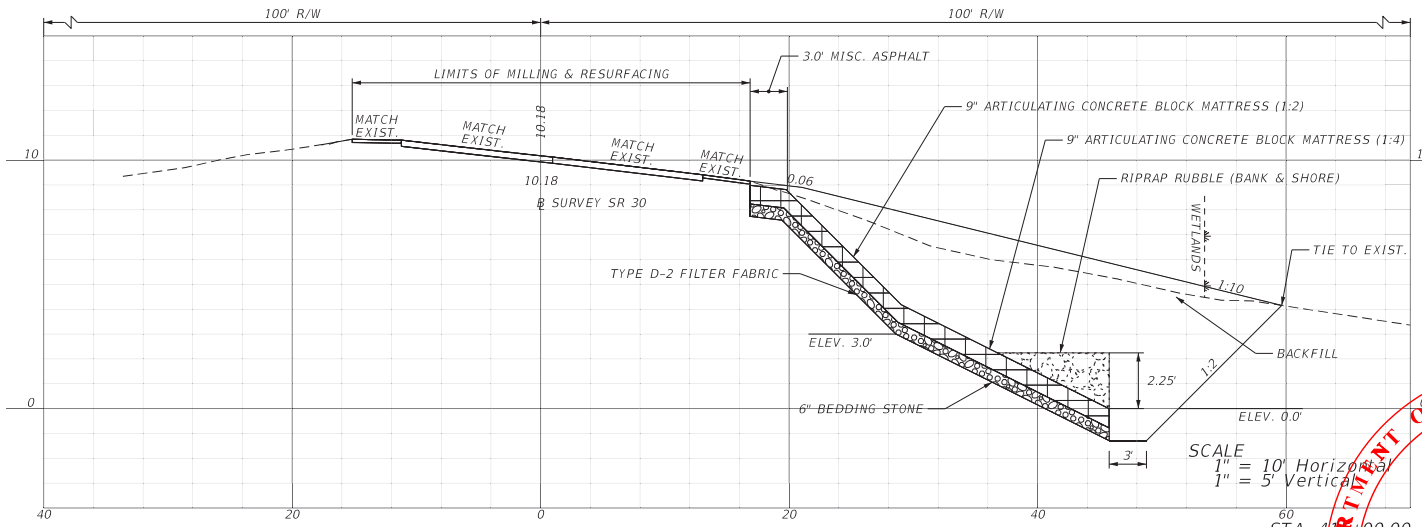
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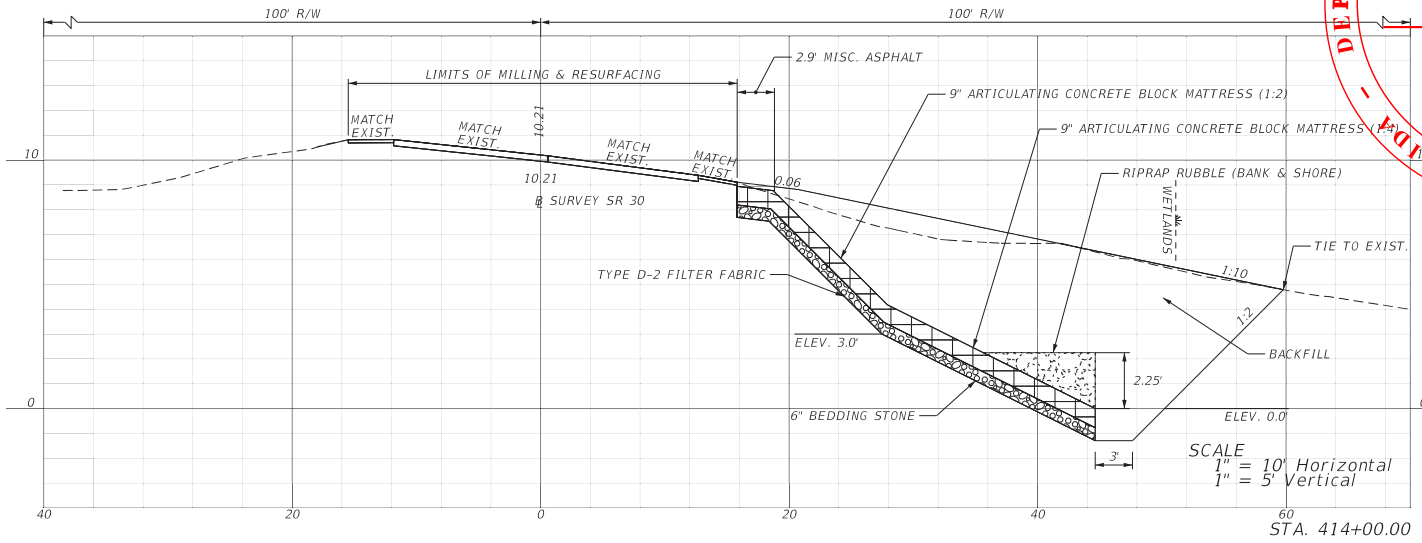
Water Resource Management

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REVISIONS				ENGINEER OF RECORD	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			CROSS SECTIONS	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	HEATHER W. REMICK, P.E. LICENSE NUMBER 80458 GORTEMOLLER ENGINEERING, INC. 708 THOMAS DRIVE PANAMA CITY BEACH, FL 32408	ROAD NO.	COUNTY	FINANCIAL PROJECT ID		119
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REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

ENGINEER OF RECORD

HEATHER W. REMICK, P.E.
LICENSE NUMBER 80458
GORTEMOLLER ENGINEERING, INC.
708 THOMAS DRIVE
PANAMA CITY BEACH, FL 32408

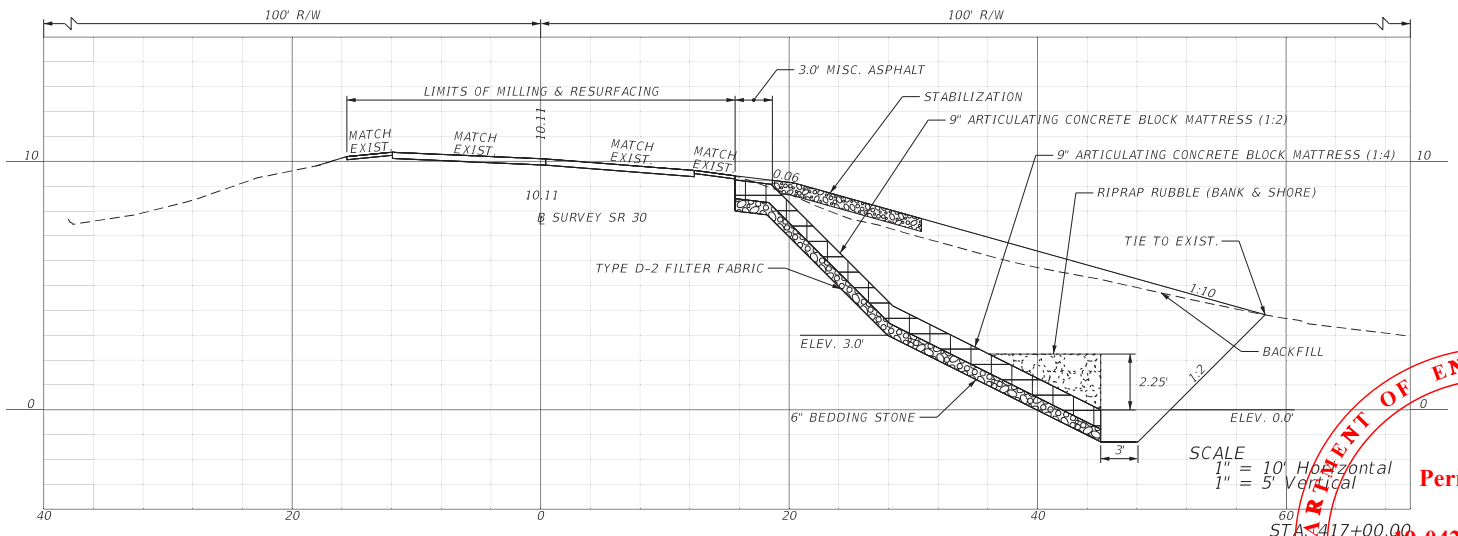
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DEPARTMENT OF TRANSPORTATION

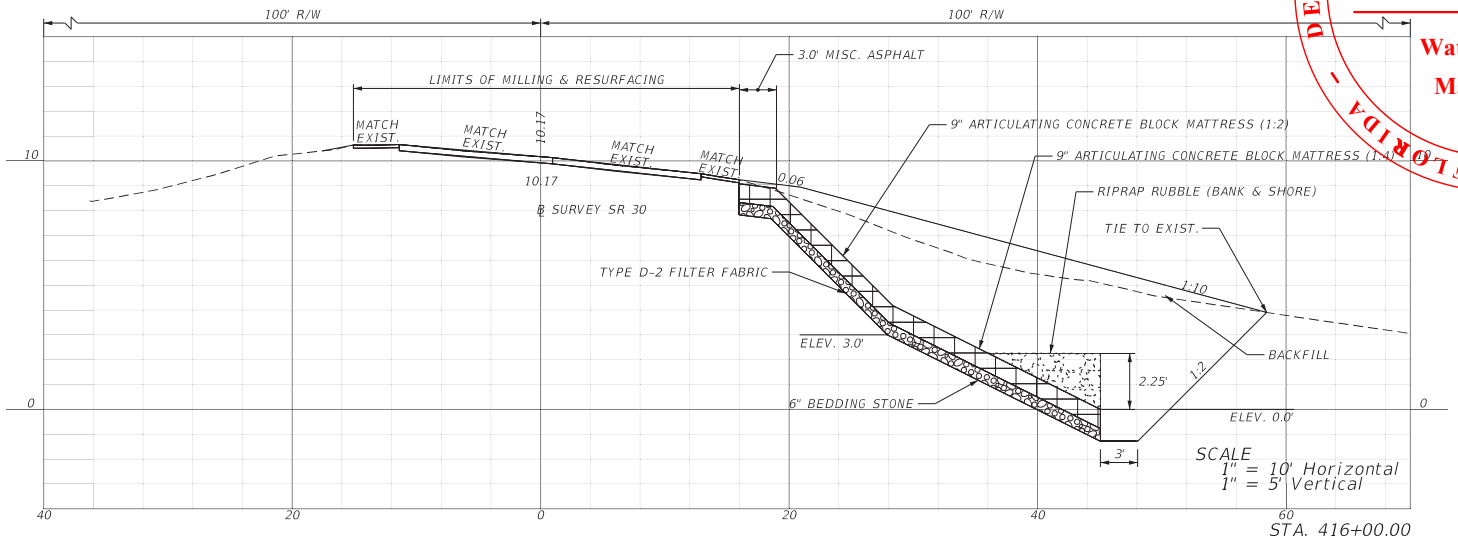
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SR 30	FRANKLIN	445759-1-52-01

CROSS SECTIONS

SHEET NO. 120

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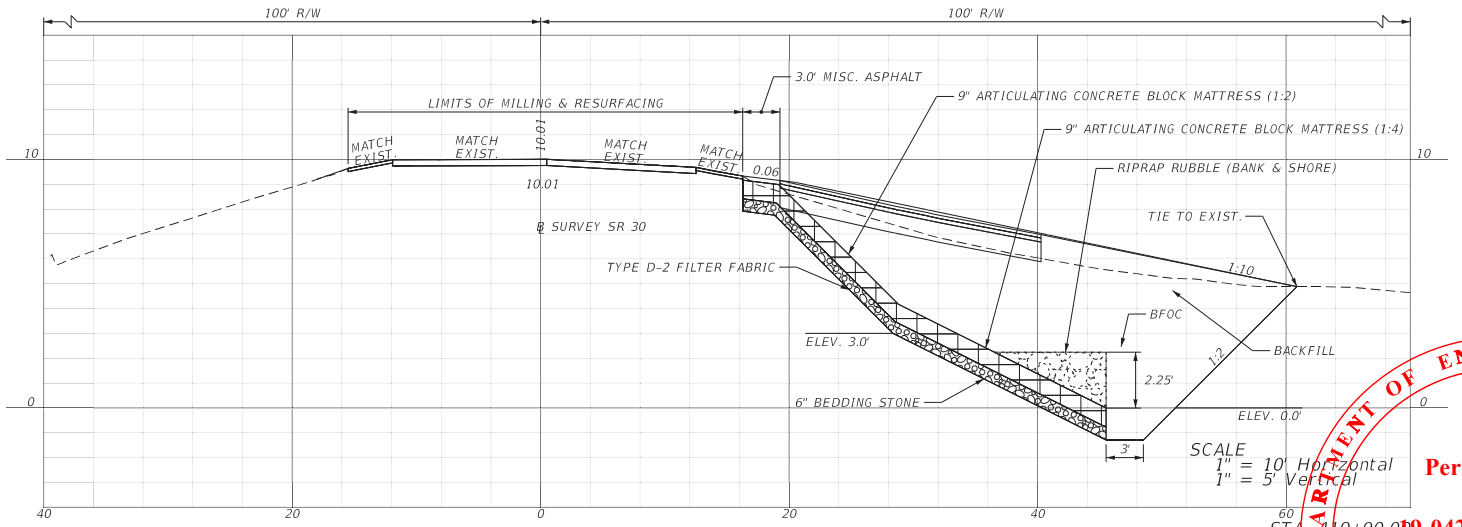
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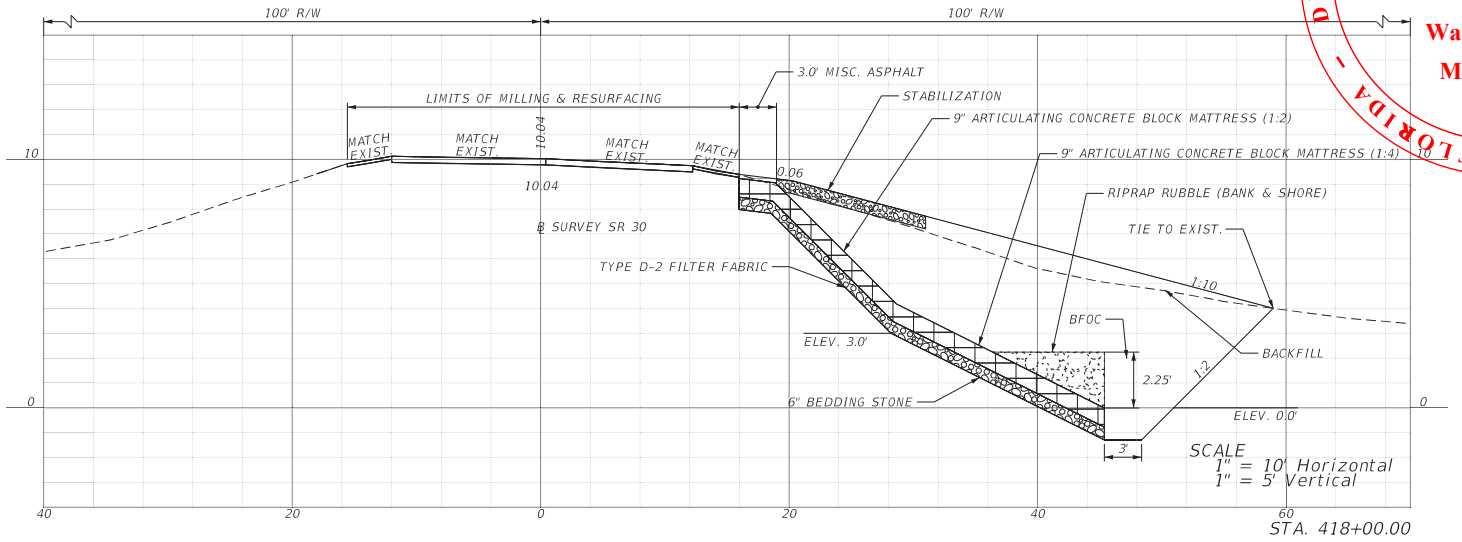
Water Resource Management

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REVISIONS				ENGINEER OF RECORD	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			CROSS SECTIONS	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	HEATHER W. REMICK, P.E. LICENSE NUMBER 80458 GORTEMOLLER ENGINEERING, INC. 708 THOMAS DRIVE PANAMA CITY BEACH, FL 32408	ROAD NO.	COUNTY	FINANCIAL PROJECT ID		121
					SR 30	FRANKLIN	445759-1-52-01		





DEPARTMENT OF ENVIRONMENTAL PROTECTION - STATE OF FLORIDA -

Permit Number

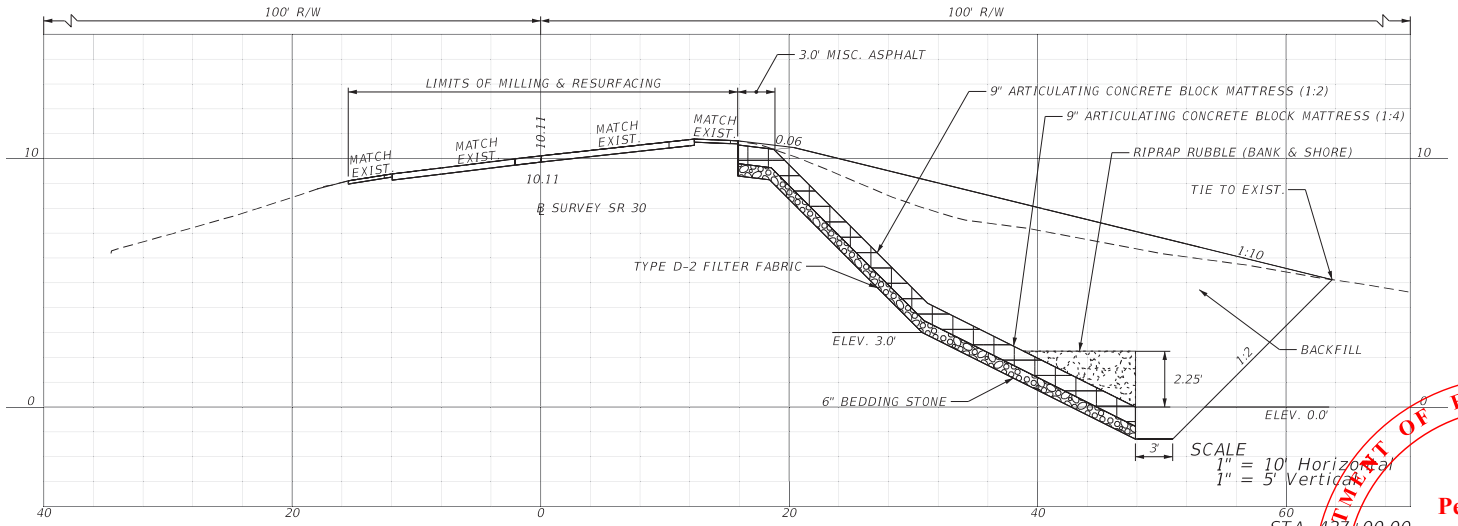
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Water Resource Management

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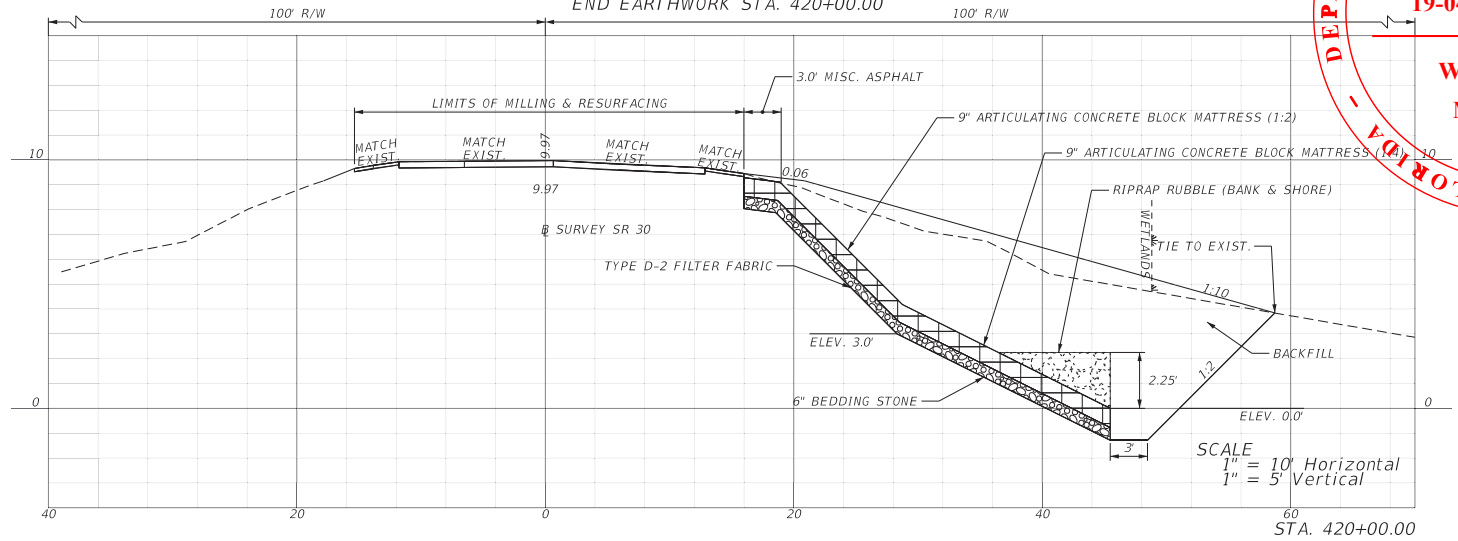
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DATE	DESCRIPTION	DATE	DESCRIPTION	HEATHER W. REMICK, P.E. LICENSE NUMBER 80458 GORTEMOLLER ENGINEERING, INC. 708 THOMAS DRIVE PANAMA CITY BEACH, FL 32408	ROAD NO.	COUNTY	FINANCIAL PROJECT ID		122
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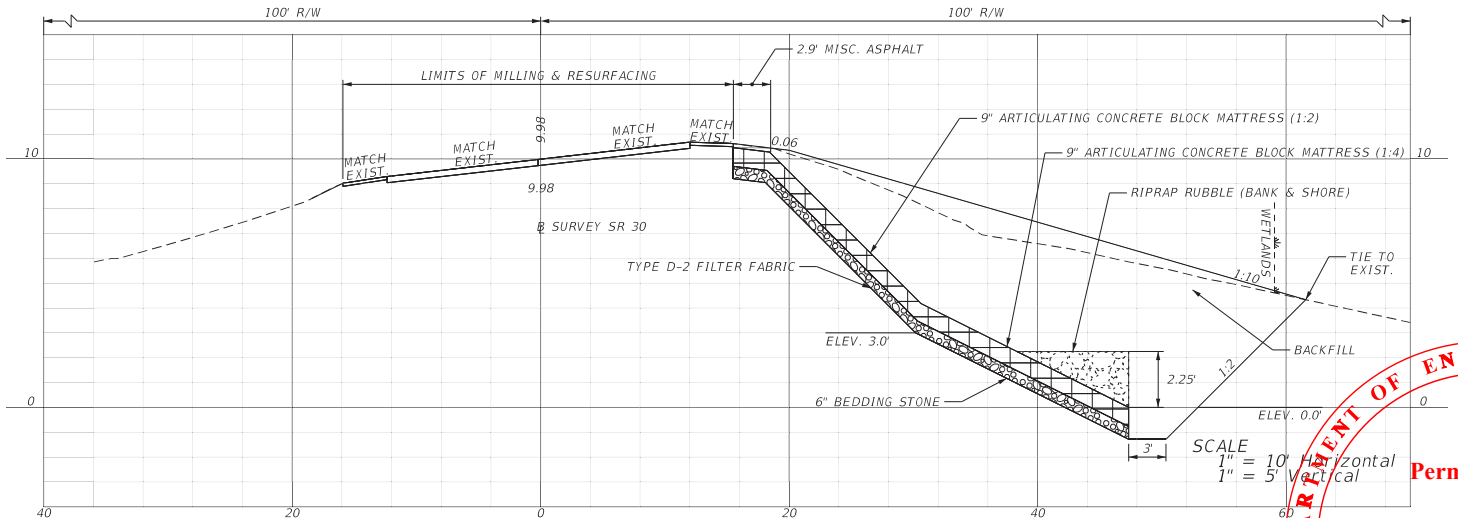


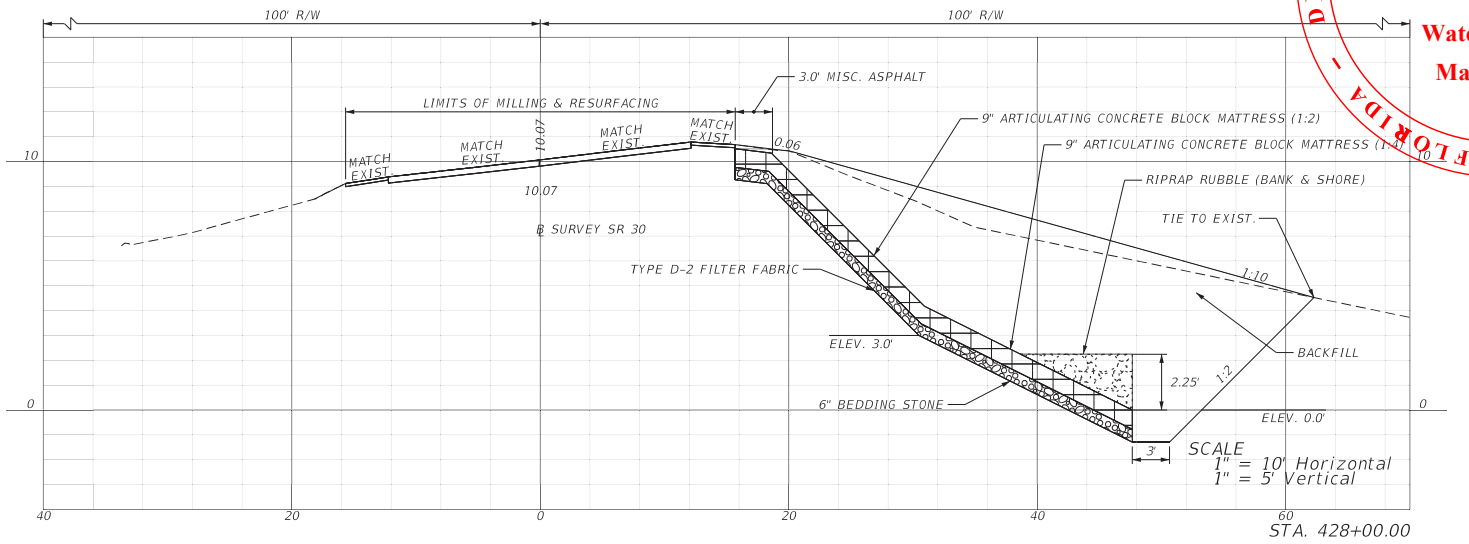
DEPARTMENT OF ENVIRONMENTAL PROTECTION - STATE OF FLORIDA
Permit Number
19-0426910-001-SFG
Water Resource Management

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REVISIONS				ENGINEER OF RECORD	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			CROSS SECTIONS	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	HEATHER W. REMICK, P.E. LICENSE NUMBER 80458 GORTEMOLLER ENGINEERING, INC. 708 THOMAS DRIVE PANAMA CITY BEACH, FL 32408	ROAD NO.	COUNTY	FINANCIAL PROJECT ID		123
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Permit Number

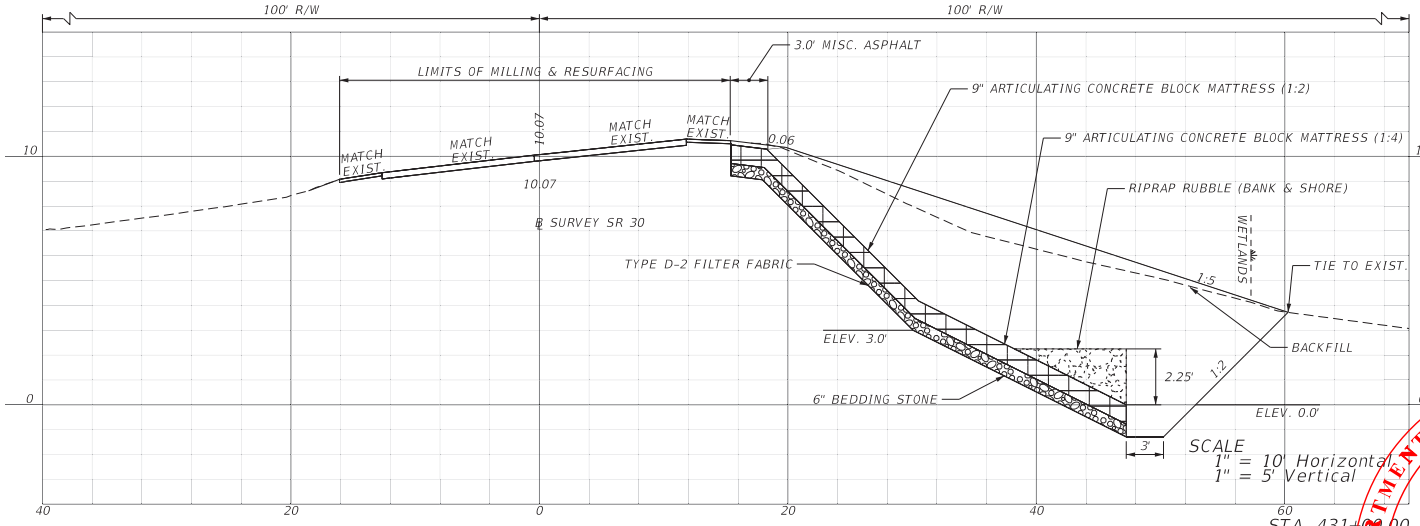
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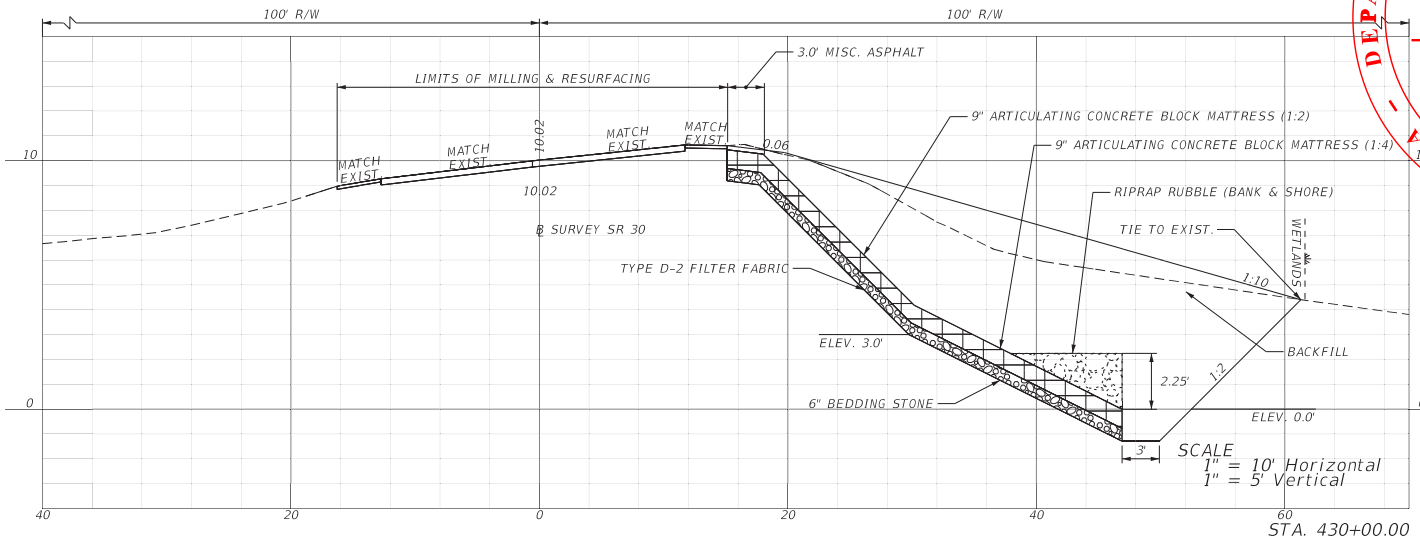
Water Resource Management

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REVISIONS				ENGINEER OF RECORD	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			CROSS SECTIONS	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	HEATHER W. REMICK, P.E. LICENSE NUMBER 80458 GORTEMOLLER ENGINEERING, INC. 708 THOMAS DRIVE PANAMA CITY BEACH, FL 32408	ROAD NO.	COUNTY	FINANCIAL PROJECT ID		124
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DEPARTMENT OF ENVIRONMENTAL PROTECTION - STATE OF FLORIDA

Permit Number

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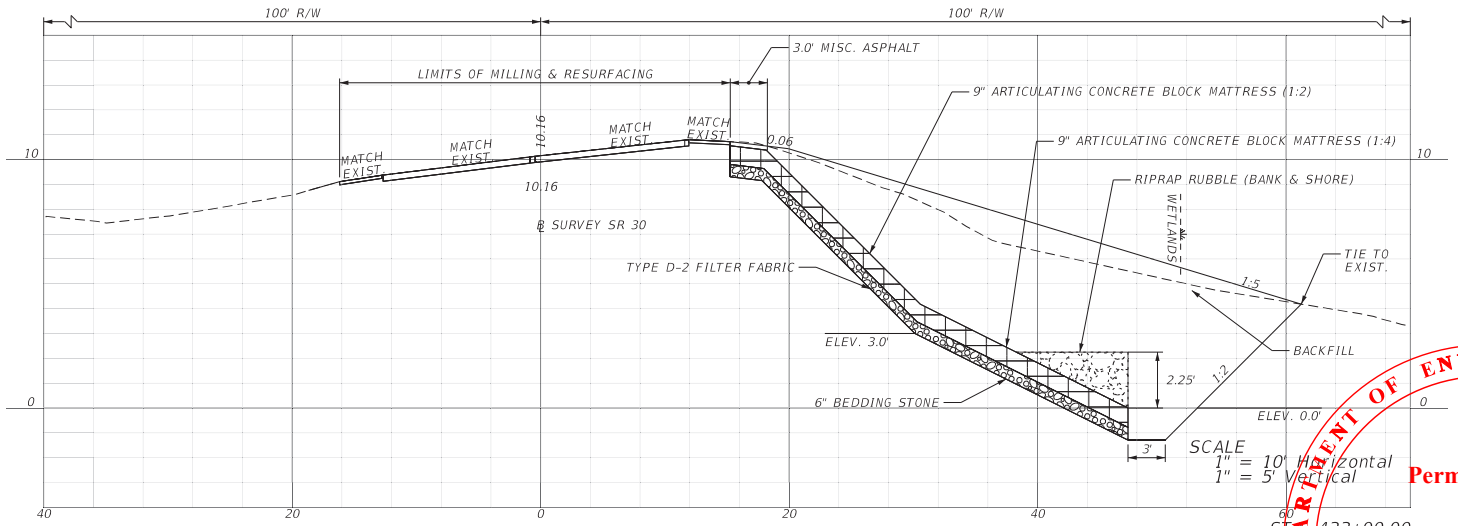
Water Resource Management

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REVISIONS				ENGINEER OF RECORD	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			CROSS SECTIONS	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	HEATHER W. REMICK, P.E. LICENSE NUMBER 80458 GORTEMOLLER ENGINEERING, INC. 708 THOMAS DRIVE PANAMA CITY BEACH, FL 32408	ROAD NO.	COUNTY	FINANCIAL PROJECT ID		125
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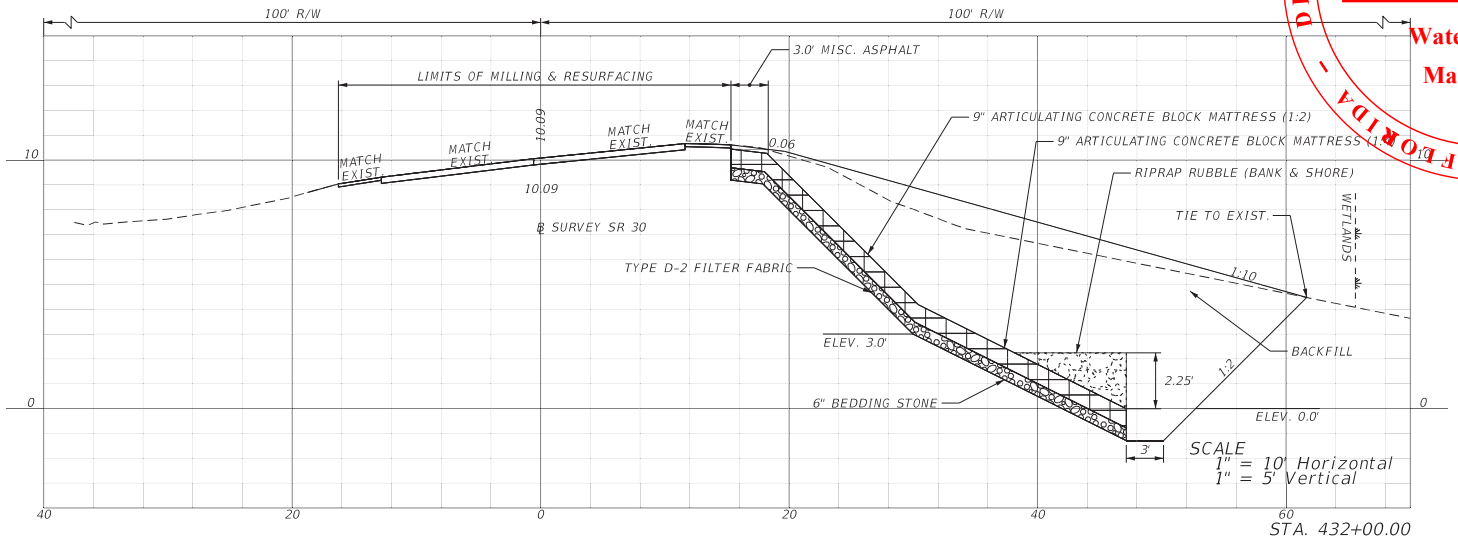
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STA. 433+00.00



SCALE
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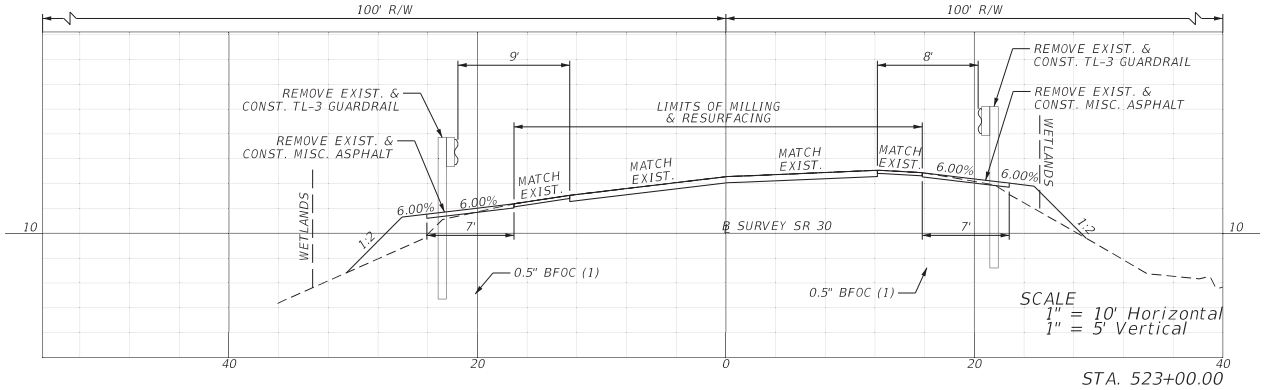
DEPARTMENT OF ENVIRONMENTAL PROTECTION - STATE OF FLORIDA -

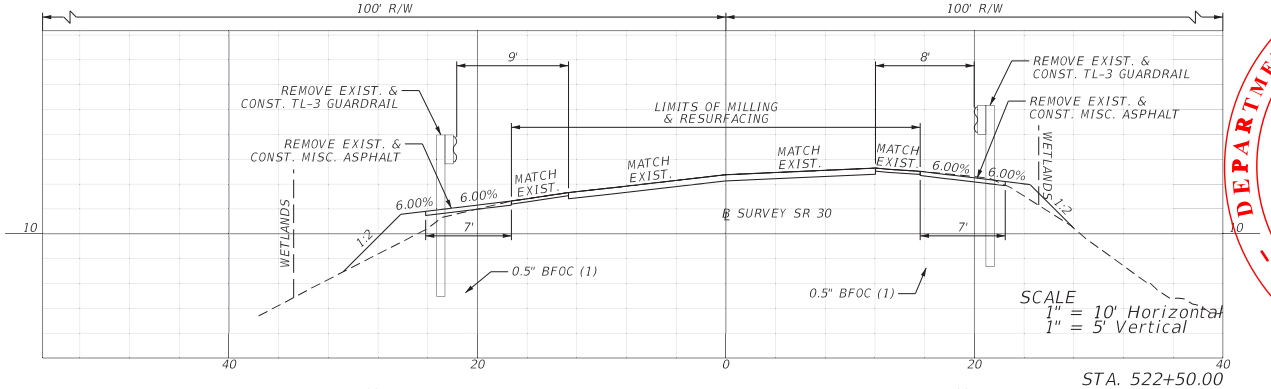
Permit Number
19-0426910-001-SFG
Water Resource Management

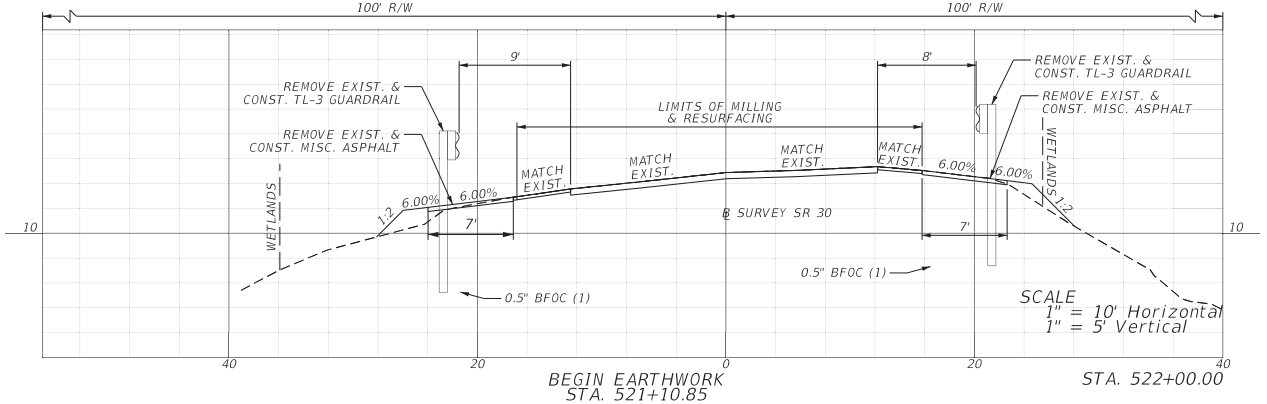
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REVISIONS				ENGINEER OF RECORD	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			CROSS SECTIONS	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	HEATHER W. REMICK, P.E. LICENSE NUMBER 80458 GORTEMOLLER ENGINEERING, INC. 708 THOMAS DRIVE PANAMA CITY BEACH, FL 32408	ROAD NO.	COUNTY	FINANCIAL PROJECT ID		126
					SR 30	FRANKLIN	445759-1-52-01		

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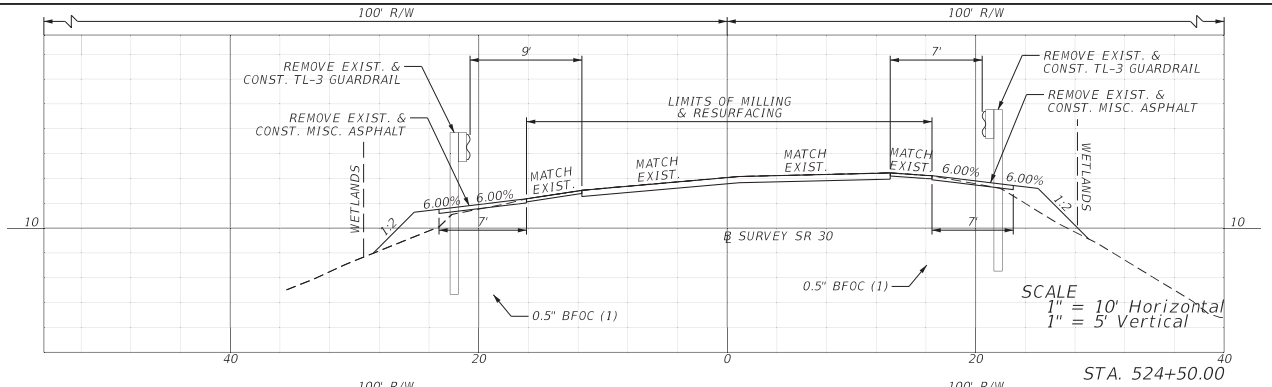
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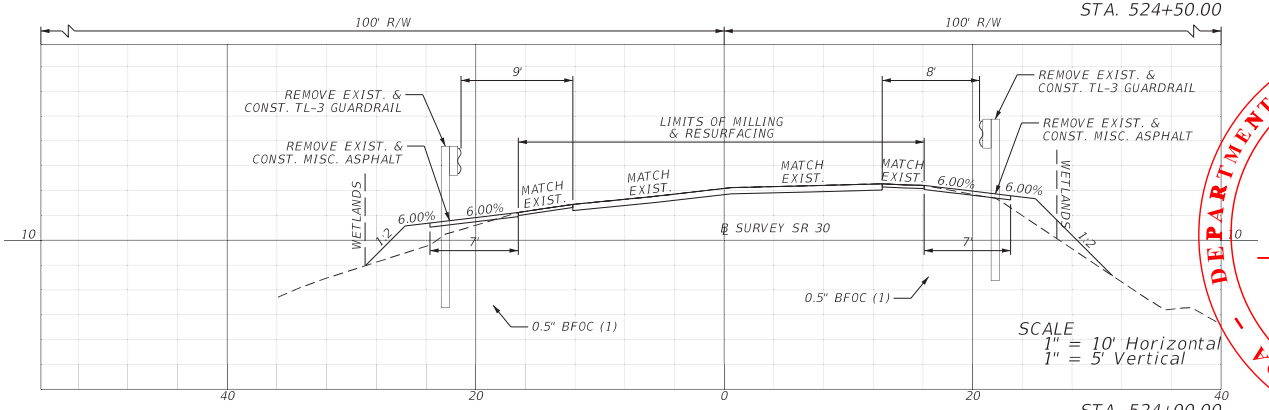
Water Resource Management

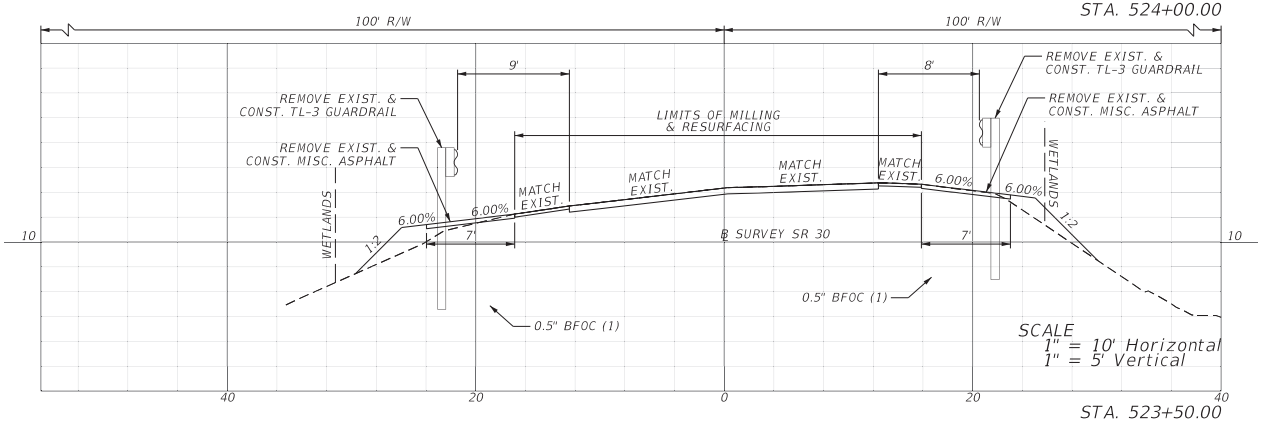
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					SR 30	FRANKLIN	445759-1-52-01		

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Permit Number

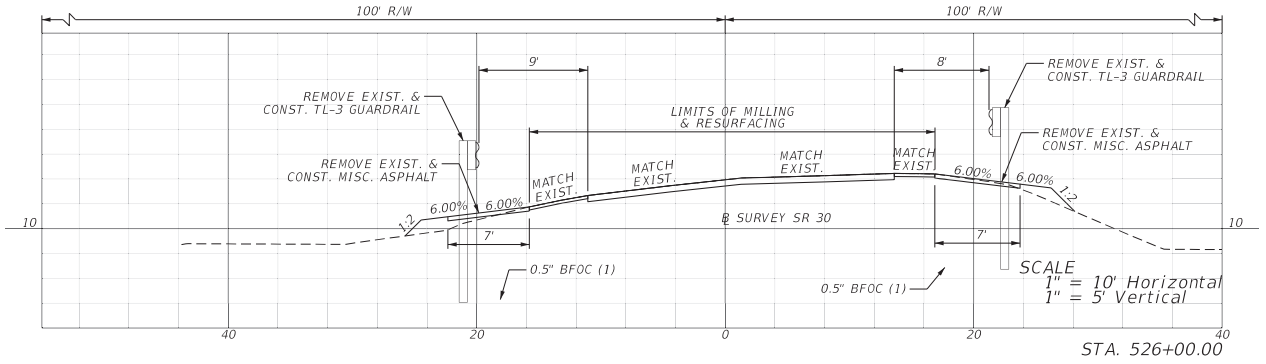
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Water Resource Management

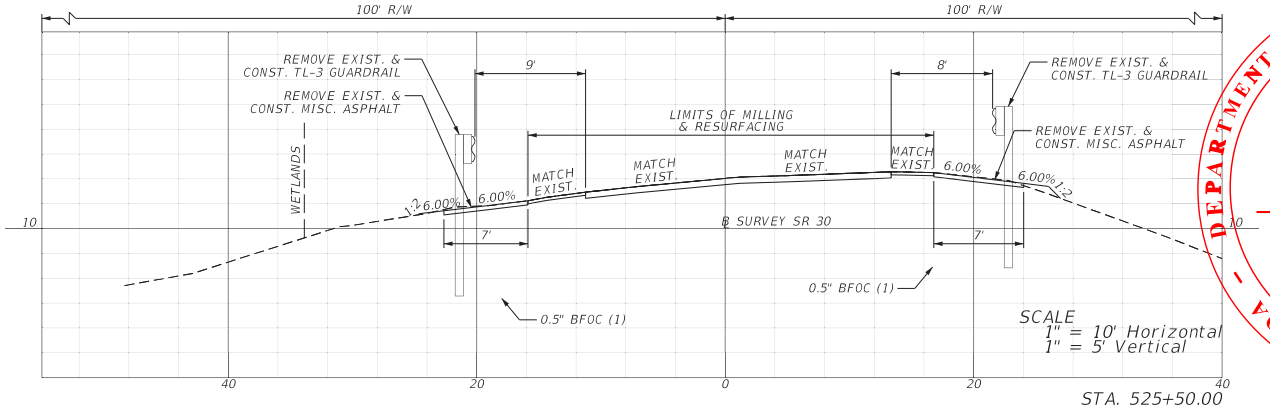
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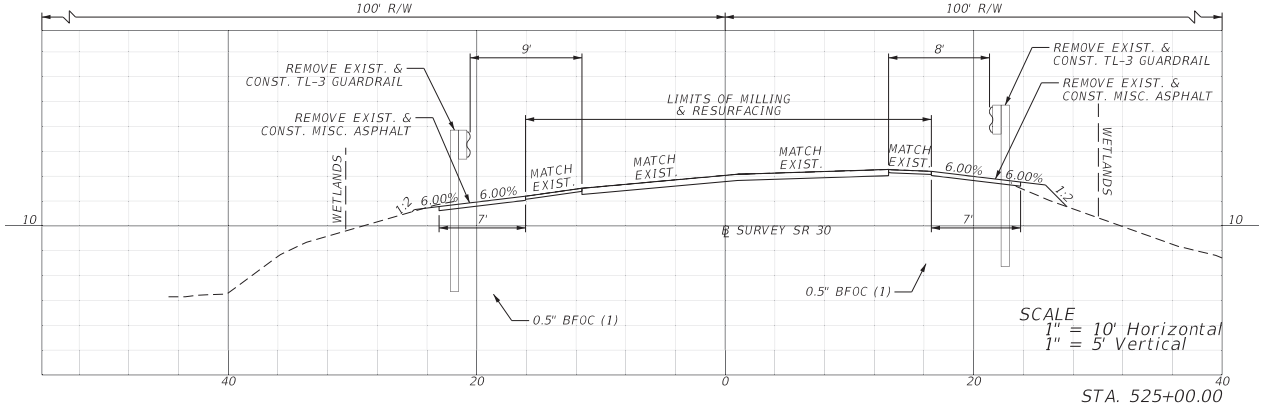
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DATE	DESCRIPTION	DATE	DESCRIPTION	HEATHER W. REMICK, P.E. LICENSE NUMBER 80458 GORTEMOLLER ENGINEERING, INC. 708 THOMAS DRIVE PANAMA CITY BEACH, FL 32408	ROAD NO.	COUNTY	FINANCIAL PROJECT ID		128
					SR 30	FRANKLIN	445759-1-52-01		



STA. 526+00.00



STA. 525+50.00



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DEPARTMENT OF ENVIRONMENTAL PROTECTION - STATE OF FLORIDA -

Permit Number

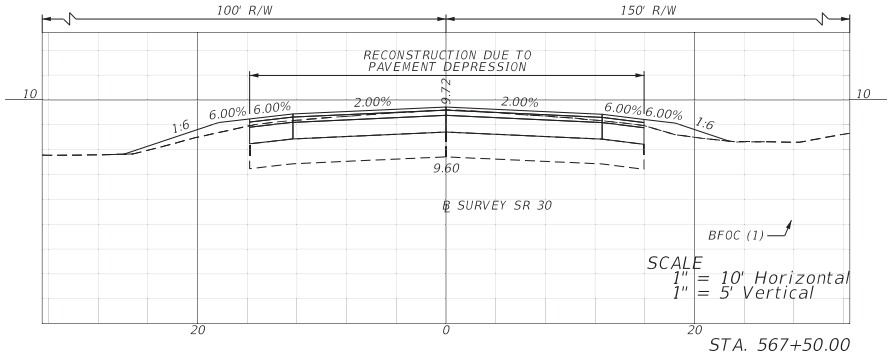
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Water Resource Management

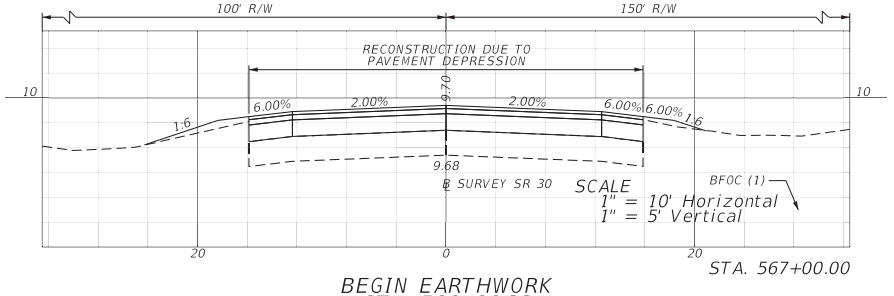
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REVISIONS				ENGINEER OF RECORD	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			CROSS SECTIONS	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	HEATHER W. REMICK, P.E. LICENSE NUMBER 80458 GORTEMOLLER ENGINEERING, INC. 708 THOMAS DRIVE PANAMA CITY BEACH, FL 32408	ROAD NO.	COUNTY	FINANCIAL PROJECT ID		129
					SR 30	FRANKLIN	445759-1-52-01		



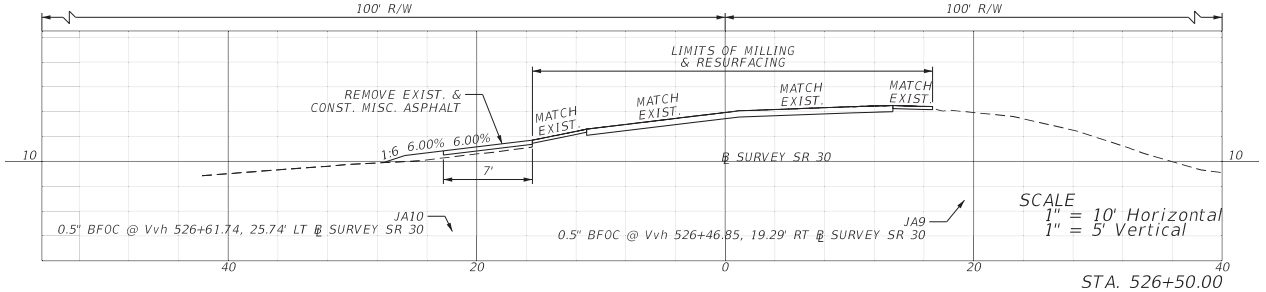
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STA. 567+00.00

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END EARTHWORK
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STA. 526+50.00

DEPARTMENT OF ENVIRONMENTAL PROTECTION - STATE OF FLORIDA -

Permit Number

19-0426910-001-SFG

Water Resource Management

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REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

ENGINEER OF RECORD
HEATHER W. REMICK, P.E.
LICENSE NUMBER 80458
GORTEMOLLER ENGINEERING, INC.
708 THOMAS DRIVE
PANAMA CITY BEACH, FL 32408

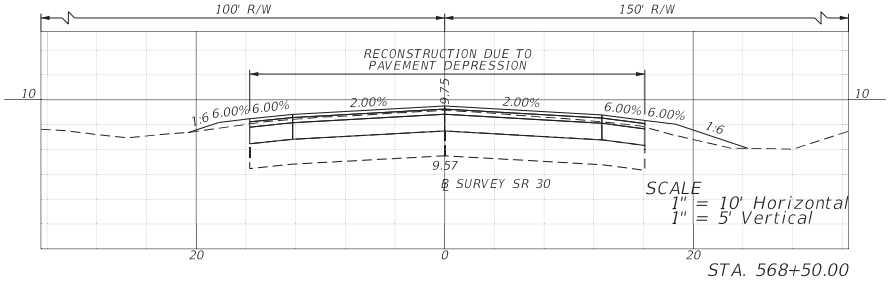
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 30	FRANKLIN	445759-1-52-01

CROSS SECTIONS

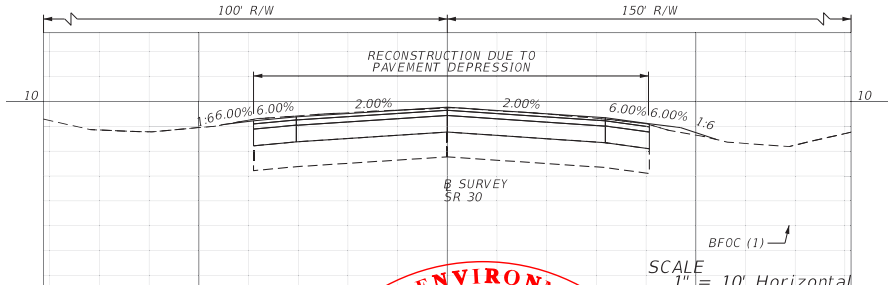
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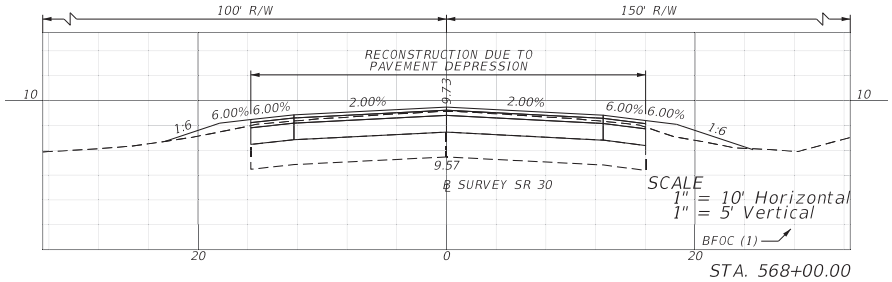
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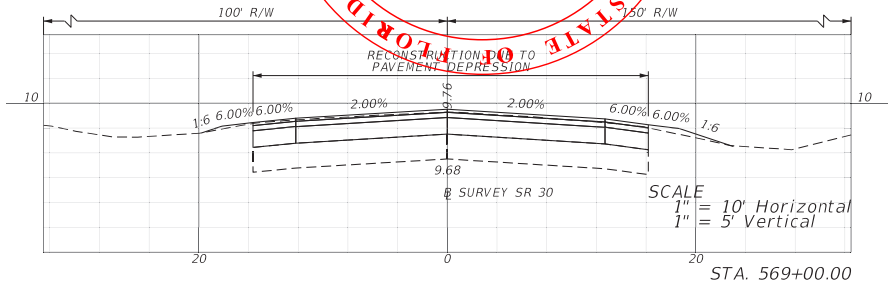
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SCALE
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STA. 568+00.00



SCALE
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1" = 5' Vertical

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DEPARTMENT OF ENVIRONMENTAL PROTECTION - STATE OF FLORIDA -

Permit Number

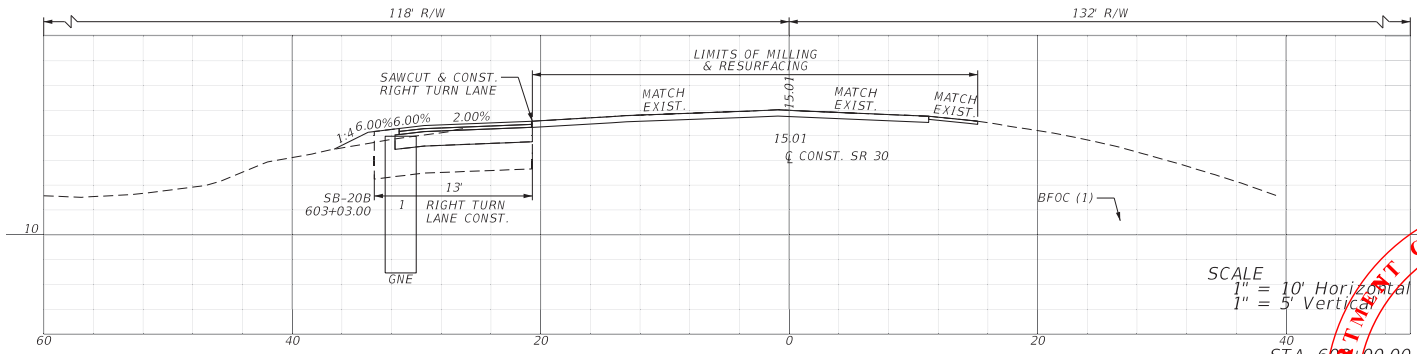
19-0426910-001-SFG

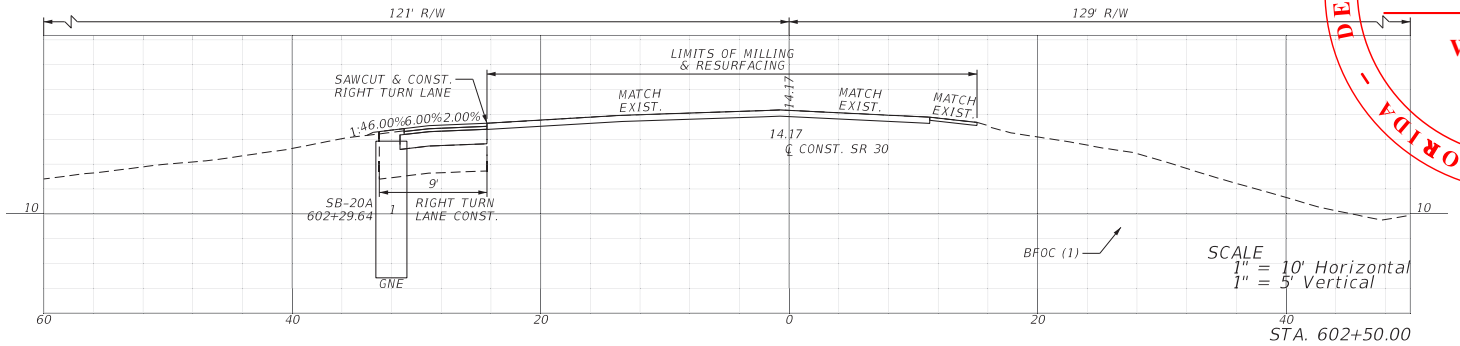
Water Resource Management

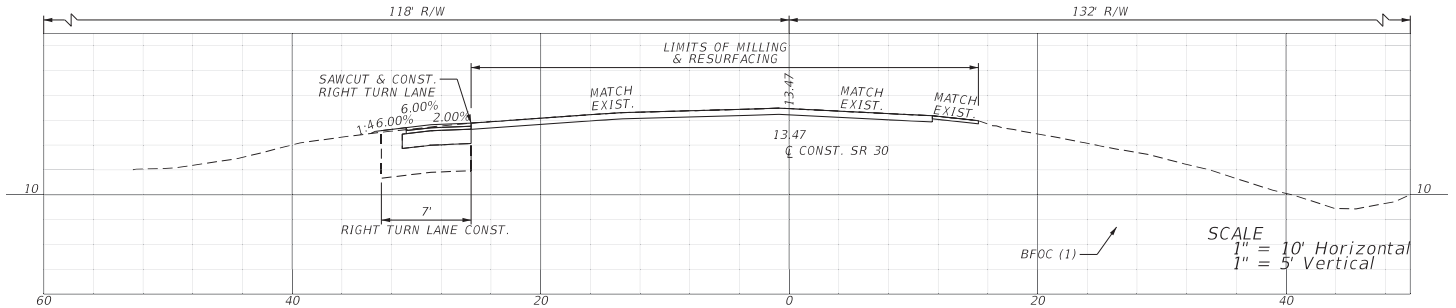
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REVISIONS				ENGINEER OF RECORD	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			CROSS SECTIONS	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	HEATHER W. REMICK, P.E. LICENSE NUMBER 80458 GORTEMOLLER ENGINEERING, INC. 708 THOMAS DRIVE PANAMA CITY BEACH, FL 32408	ROAD NO.	COUNTY	FINANCIAL PROJECT ID		131
					SR 30	FRANKLIN	445759-1-52-01		







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STA. 601+78.20

DEPARTMENT OF ENVIRONMENTAL PROTECTION - STATE OF FLORIDA

Permit Number

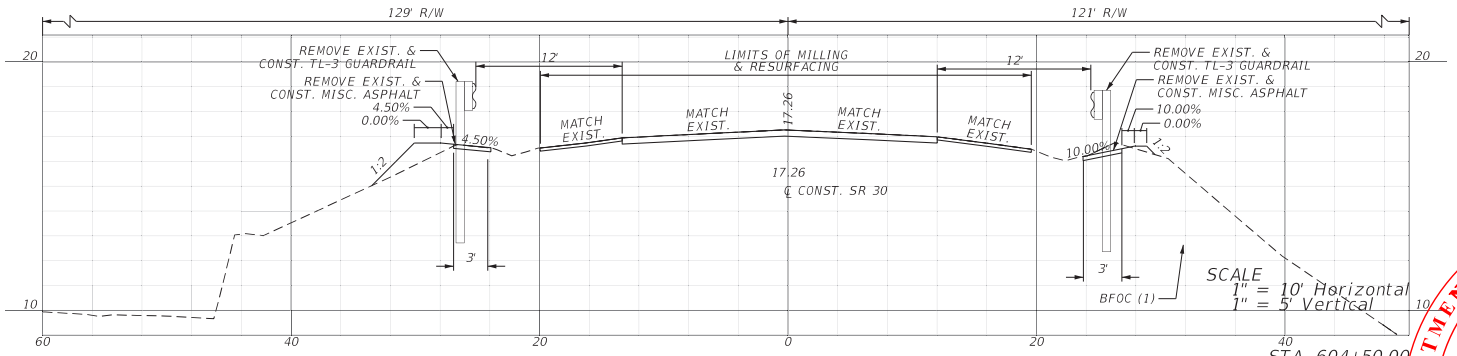
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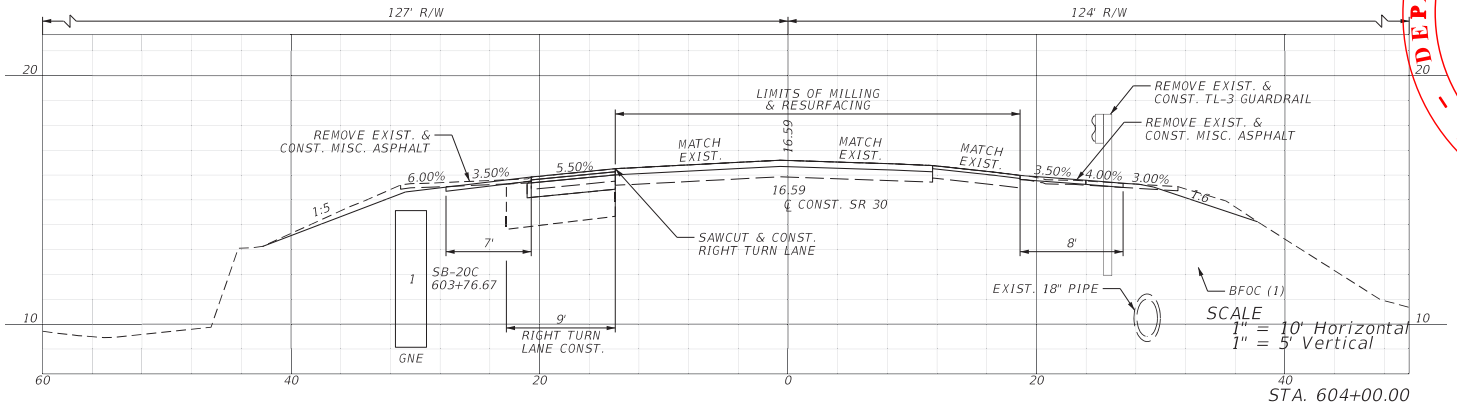
Water Resource Management

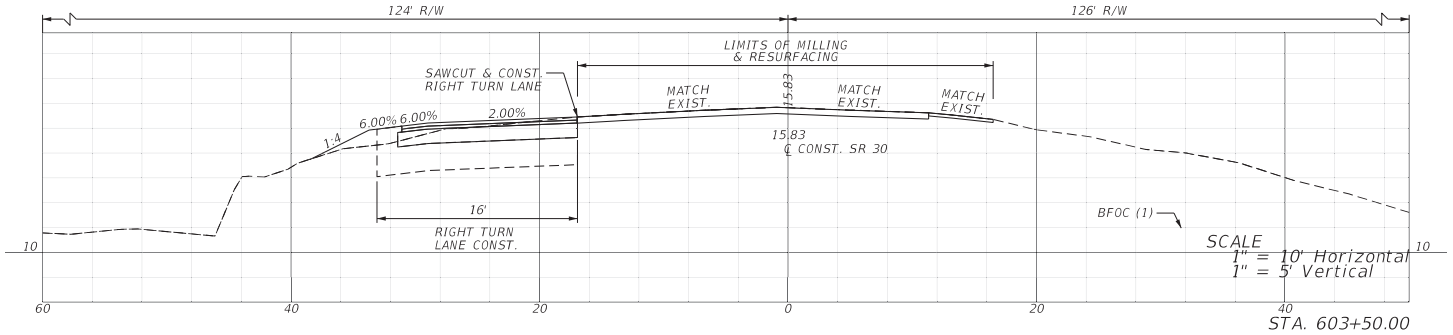
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					SR 30	FRANKLIN	445759-1-52-01		

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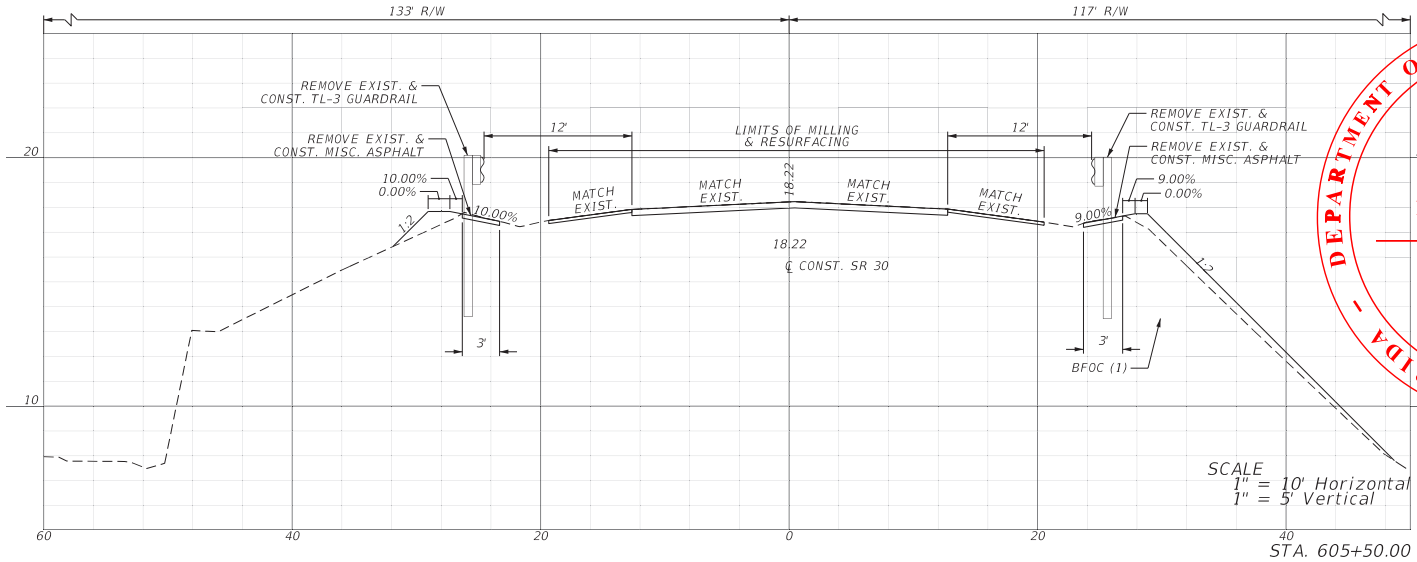
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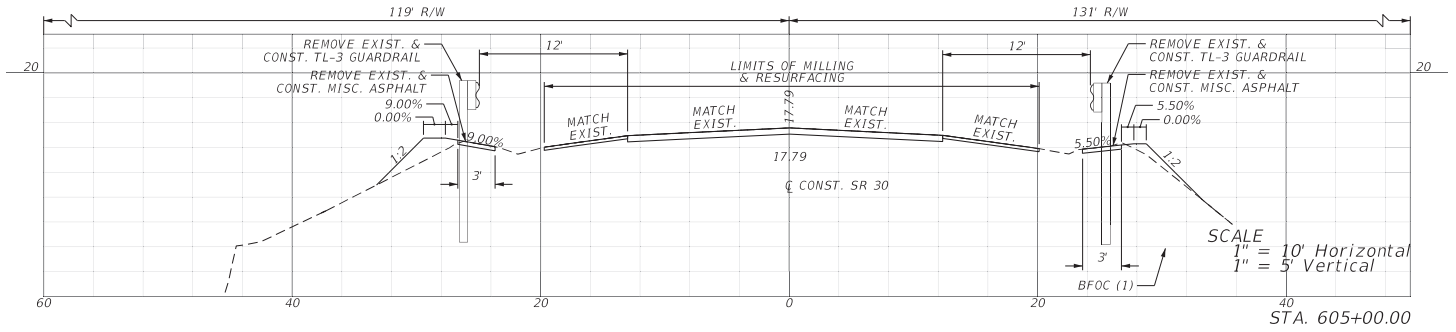
Water Resource Management

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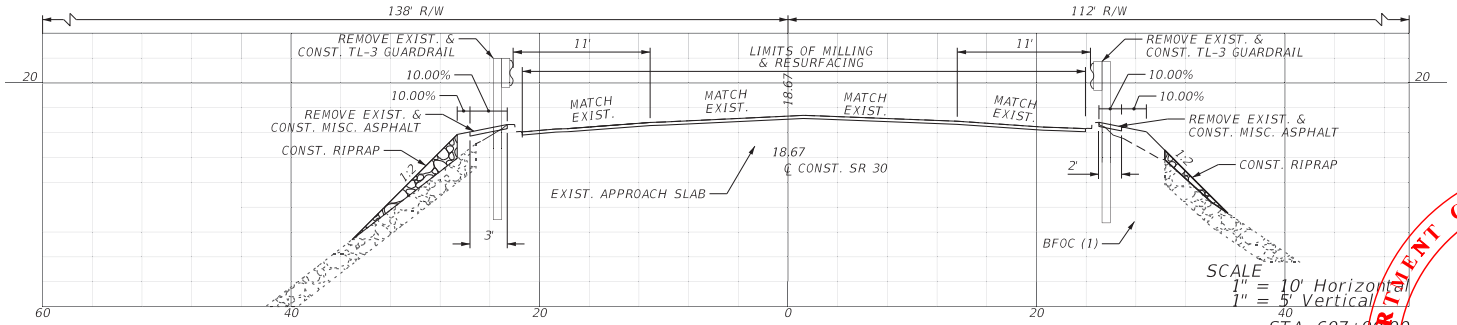
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Permit Number
19-0426910-001-SFG
Water Resource Management
6/15/23

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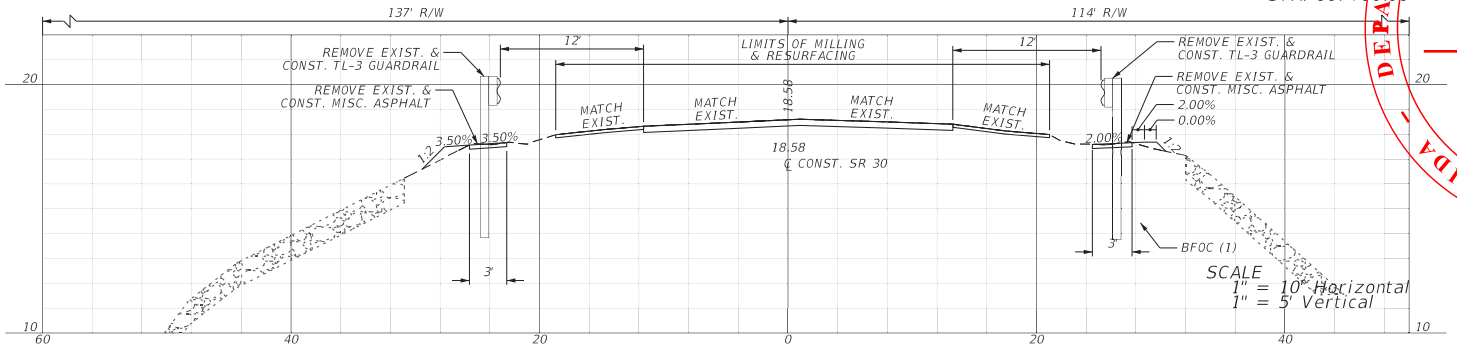
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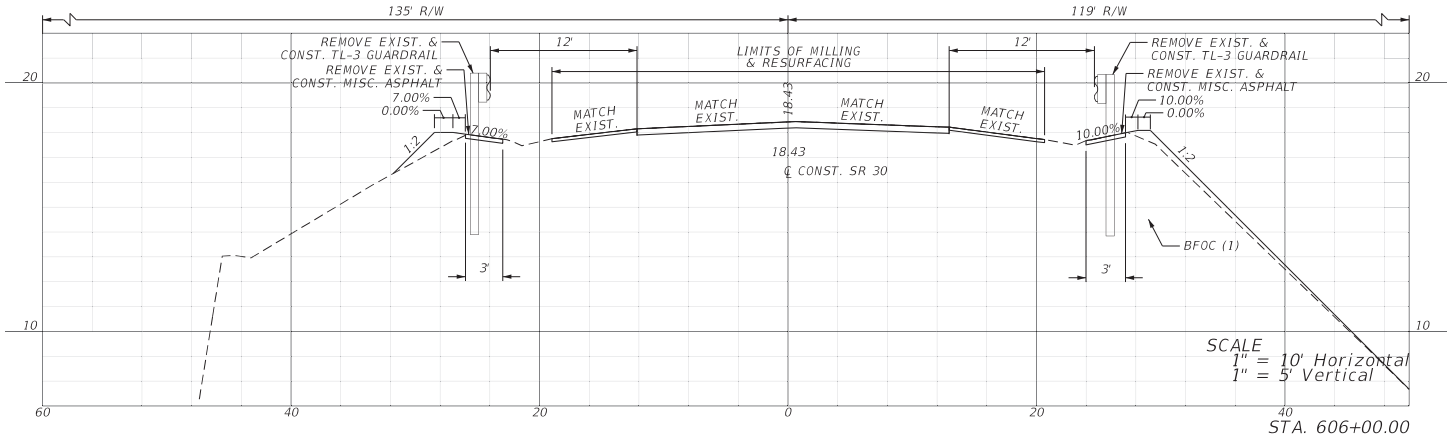
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STA. 607+00.00



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SCALE
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DEPARTMENT OF ENVIRONMENTAL PROTECTION - STATE OF FLORIDA

Permit Number

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Water Resource Management

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REVISIONS				ENGINEER OF RECORD	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			CROSS SECTIONS	SHEET NO.
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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:

THE PROJECT CONSISTS OF MILLING & RESURFACING, ROADWAY WIDENING, ROADWAY RECONSTRUCTION, CROSS DRAIN REPLACEMENT, GUARDRAIL REPLACEMENT, AND MINOR DRAINAGE & DRIVEWAY IMPROVEMENTS ALONG SR 30 (US 98) FROM WEST OF SR 377 (US 319) TO THE OCHLOCKONEE BAY BRIDGE.

1.B. SEQUENCE OF MAJOR SOIL DISTURBING ACTIVITIES:
THE FOLLOWING SEQUENCE OF MAJOR ACTIVITIES SHALL BE FOLLOWED, UNLESS THE CONTRACTOR CAN PROPOSE AN ALTERNATIVE THAT IS EQUAL TO OR BETTER AT CONTROLLING EROSION AND SEDIMENT AND IS APPROVED BY THE ENGINEER.

PHASE 1: ADVANCE WORK & NON-ROADWAY RELATED ITEMS
PHASE 2: CROSS DRAIN REPLACEMENT & ARTICULATING CONCRETE BLOCK REVETMENT SYSTEM INSTALLATION
PHASE 3: ROADWAY RECONSTRUCTION & RIGHT TURN LANE CONSTRUCTION
PHASE 4: STRUCTURAL COURSE
PHASE 5: FRICTION COURSE

1.C. AREA ESTIMATES:
TOTAL SITE AREA: 258.5 ACRES
TOTAL AREA TO BE DISTURBED: 11.38 ACRES

1.D. RUNOFF DATA:

RUNOFF COEFFICIENTS:
BEFORE: 0.33
DURING: VARIES 0.33 – 0.35
AFTER: 0.35

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

OUTFALL INFORMATION:

DESCRIPTION	STATION	LATITUDE / LONGITUDE	RECEIVING WATERS
24" CD	544+63.30	29°54'59.9502" -84°31'20.0593"	ST GEORGE SOUND
4' X 3' BOX	69+76.97	29°55'02.6037" -84°31'06.6920"	ST GEORGE SOUND
4' X 3' BOX	110+70.48	29°55'07.1011" -84°30'21.3829"	ST GEORGE SOUND
30" CD	119+50.79	29°55'09.3239" -84°30'11.7232"	ST GEORGE SOUND
24" CD	145+86.08	29°55'15.9750" -84°29'42.7725"	UNNAMED WETLAND
36" CD	158+81.90	29°55'19.2369" -84°29'28.5368"	UNNAMED WETLAND
4' X 3' BOX	183+20.39	29°55'25.3956" -84°29'01.7102"	UNNAMED WETLAND
8' X 3' BOX	183+85.46	29°55'25.5529" -84°29'00.9749"	UNNAMED WETLAND
36" CD	191+31.82	29°55'27.4048" -84°28'52.8071"	UNNAMED WETLAND
36" CD	201+30.44	29°55'29.9510" -84°28'41.8397"	UNNAMED WETLAND
4' X 3' BOX	223+76.60	29°55'35.6087" -84°28'17.1299"	ST GEORGE SOUND
4' X 3' BOX	224+15.54	29°55'35.7038" -84°28'16.7094"	ST GEORGE SOUND
4' X 3' BOX	232+48.58	29°55'37.8138" -84°28'07.5529"	ST GEORGE SOUND
4' X 3' BOX	286+60.00	29°55'56.6965" -84°27'10.5450"	ST GEORGE SOUND
3' X 3' BOX / 30" CD	316+27.32	29°55'59.9441" -84°26'37.0623"	UNNAMED WETLAND
5' X 4' BOX	355+77.14	29°55'41.0664" -84°25'58.2296"	ST GEORGE SOUND
4' X 3' BOX	400+77.07	29°55'30.2459" -84°25'08.5849"	ST GEORGE SOUND
5' X 4' BOX	421+77.84	29°55'23.5381" -84°24'46.2529"	ST GEORGE SOUND
30" CD	462+77.25	29°55'33.0487" -84°24'05.2004"	ST GEORGE SOUND
30" CD	480+76.56	29°55'46.9692" -84°23'52.4423"	UNNAMED WETLAND
48" CD	525+26.00	29°56'21.4334" -84°23'20.9207"	UNNAMED MARSH
8' X 3' BOX	556+48.39	29°56'50.2670" -84°23'08.9432"	UNNAMED WETLAND
15" CD	604+17.65	29°57'37.3573",-084°23'04.7119"	UNNAMED WETLAND

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: THE EXISTING DRAINAGE PATTERNS HAVE BEEN MAINTAINED.

* APPROXIMATE SLOPES: THE SLOPES OF THE SITE CAN BE SEEN IN THE CROSS SECTION SHEETS AND THE ROADWAY PLAN SHEETS.

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

1.F. RECEIVING WATERS:

SEE ITEM 1.D. FOR THE OUTFALL LOCATIONS AND RECEIVING WATER NAMES.

2.0 CONTROLS:

THE CONTRACTOR IS RESPONSIBLE FOR DOCUMENTING THIS PORTION OF THE SWPPP IN THE SECTION 104 EROSION CONTROL PLAN.

* LOCATIONS OF TEMPORARY CONTROLS: THESE ARE SHOWN ON THE ROADWAY PLAN SHEETS. TABLES PROVIDING SUMMARIES OF THE TEMPORARY EROSION AND SEDIMENT CONTROL ITEMS ARE PROVIDED IN THE ESTIMATED QUANTITIES REPORT.

* LOCATIONS OF PERMANENT CONTROLS: THE EXISTING ROADSIDE DITCHES ARE THE PRIMARY PERMANENT STORMWATER MANAGEMENT CONTROLS.

* AREAS TO BE STABILIZED: TEMPORARY STABILIZATION PRACTICES ARE SHOWN IN THE SAME LOCATION AS THE TEMPORARY CONTROLS MENTIONED ABOVE. PERMANENT STABILIZATION IS SHOWN ON THE ROADWAY PLAN SHEETS AND CROSS SECTIONS.

2.A EROSION AND SEDIMENT CONTROLS:

(1) STABILIZATION PRACTICES:

___TEMPORARY GRASSING
_X_PERMANENT PLANTING OR SODDING
___TEMPORARY MULCHING
___BUFFER ZONES
_X_PRESERVATION OF NATURAL RESOURCES

-LIMITS OF SODDING ARE SHOWN ON TYPICAL SECTIONS IN CONSTRUCTION PLANS (FDOT SPEC. 570)

-THIS LIST MAY NOT INCLUDE ALL MEASURES BASED ON ACTUAL SITE CONDITIONS

STABILIZATION MEASURES SHALL BE INITIATED AS SOON AS PRACTICAL, BUT IN NO CASE MORE THAN 14 DAYS, IN PORTIONS OF THE SITE WHERE CONSTRUCTION ACTIVITIES HAVE TEMPORARILY OR PERMANENTLY CEASED.

___SAND BAGGING
_X_SEDIMENT BARRIER
___SYNTHETIC BALES
___BERMS
___DIVERSION, INTERCEPTOR, OR PERIMETER DITCHES
___PIPE SLOPE DRAINS
___FLUMES
___ROCK BEDDING AT CONSTRUCTION EXIT
___TIMBER BEDDING AT CONSTRUCTION
___RUNOFF CONTROL STRUCTURE
_X_INLET PROTECTION
___SEDIMENT TRAPS
___SEDIMENT BASINS (PONDS)
___STORM INLET SEDIMENT TRAPS
___STONE OUTLET STRUCTURES
___CURBS AND GUTTERS
___STORM SEWERS
___VELOCITY CONTROL DEVICES
_X_STAKED TURBIDITY BARRIER
_X_RIP RAP

LOCATIONS OF STORM DRAINS ARE SHOWN ON THE CONSTRUCTION PLANS. CONDITIONS MAY REQUIRE ADDITIONAL CONTROL MEASURES

SEDIMENT BARRIER WILL BE USED TO PROTECT ALL UNDISTURBED OTHER SURFACE WATERS AND OFFSITE WETLANDS.

THIS LIST MAY NOT INCLUDE ALL CONTROL MEASURES. ACTUAL SITE

2.B. STORMWATER MANAGEMENT:

STORMWATER MANAGEMENT TO CONSIST OF EXISTING ROADSIDE DITCHES AND EXISTING DRAINAGE STRUCTURES AS WELL AS THE TEMPORARY EROSION CONTROL (SEDIMENT BARRIERS, INLET PROTECTION, ETC.).

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 SHALL 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 THE ENVIRONMENTAL PROTECTION AGENCY'S (EPA) STANDARD PRACTICES AS DETAILED BY THE MANUFACTURER.

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

THE CONTRACTOR IS RESPONSIBLE FOR DOCUMENTING THIS PORTION OF THE SWPPP IN THE SECTION 104 EROSION CONTROL PLAN.

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

* COVERING LOADED HAUL TRUCKS WITH TARPAULINS

* REMOVING EXCESS DIRT FROM ROADS DAILY

* STABILIZING CONSTRUCTION ENTRANCES ACCORDING TO THE FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION (FDEP) EROSION AND SEDIMENT CONTROL DESIGNER AND REVIEWER MANUAL

THE CONTRACTOR IS RESPONSIBLE FOR DOCUMENTING THIS PORTION OF THE SWPPP IN THE SECTION 104 EROSION CONTROL PLAN.

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

ALL SANITARY WASTE WILL BE COLLECTED FROM THE PORTABLE UNITS AS NECESSARY OR AS REQUIRED BY LOCAL REGULATION BY A LICENSED SANITARY WASTE MANAGEMENT CONTRACTOR.

THE CONTRACTOR IS RESPONSIBLE FOR DOCUMENTING THIS PORTION OF THE SWPPP IN THE SECTION 104 EROSION CONTROL PLAN.

2.C.(4) FERTILIZERS AND PESTICIDES:

FERTILIZER WILL BE APPLIED ACCORDING TO APPLICABLE SUBSECTIONS OF SECTION 570 OF THE FDOT STANDARD SPECIFICATIONS.

THE CONTRACTOR IS RESPONSIBLE FOR DOCUMENTING THIS PORTION OF THE SWPPP IN THE SECTION 104 EROSION CONTROL PLAN.

2.D. STATE AND FEDERAL PERMITS:

* NORTHWEST FLORIDA WATER MANAGEMENT DISTRICT, VERIFIED ERP EXEMPTION, PDEX-037-305219-1

* NORTHWEST FLORIDA WATER MANAGEMENT DISTRICT, GENERAL ERP 62-330.447(1)(G), F.A.C.

* THE US ARMY CORPS OF ENGINEERS, NATIONWIDE PERMIT 14, SAJ-2022-01877(NW-VCB)

* THE FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION, 404 GENERAL PERMIT 62-331.217, F.A.C.

* THE FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION, NPDES PERMIT TO BE OBTAINED BY CONTRACTOR

DEPARTMENT OF ENVIRONMENTAL PROTECTION – STATE OF FLORIDA

Permit Number

19-0426910-001-SFG

Water Resource Management

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REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

ENGINEER OF RECORD
HEATHER W. REMICK, P.E.
LICENSE NUMBER 80458
GORTEMOLLER ENGINEERING, INC.
708 THOMAS DRIVE
PANAMA CITY BEACH, FL 32408

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 30	FRANKLIN	445759-1-52-01

STORM WATER POLLUTION PREVENTION PLAN

SHEET NO. 136

3.0 MAINTENANCE:

THE CONTRACTOR SHOULD PROVIDE A PLAN FOR MAINTAINING ALL EROSION AND SEDIMENT CONTROLS THROUGHOUT CONSTRUCTION. THE MAINTENANCE PLAN SHALL AT A MINIMUM, COMPLY WITH THE FOLLOWING:

* SEDIMENT BARRIERS: REMOVE SEDIMENT AS PER MANUFACTURERS RECOMMENDATIONS OR WHEN WATER PONDS IN UNACCEPTABLE AMOUNTS Or AREAS.

* INLET PROTECTION: REPAIR AND REPLACE GRAVEL IN THE POCKET, REMOVE SEDIMENT AROUND THE UNIT AND REPLACE FABRIC MATERIAL.

4.0 INSPECTIONS:

QUALIFIED PERSONNEL SHALL 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.

* 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

* SITES THAT HAVE BEEN PERMANENTLY STABILIZED

5.0 NON-STORMWATER DISCHARGES:

THE CONTRACTOR IS RESPONSIBLE FOR OBTAINING ALL DEWATERING PERMITS, IDENTIFYING ALL ANTICIPATED NON-STORMWATER DISCHARGES, AND DESCRIBING THE PROPOSED MEASURES TO PREVENT POLLUTION FROM THESE NON-STORMWATER DISCHARGES.

THE CONTRACTOR IS RESPONSIBLE FOR DOCUMENTING THIS PORTION OF THE SWPPP IN THE SECTION 104 EROSION CONTROL PLAN. IF CONTAMINATED SOIL OR GROUNDWATER IS ENCOUNTERED, CONTACT THE DISTRICT CONTAMINATION IMPACTS COORDINATOR AT 850-330-1511.

DEPARTMENT OF ENVIRONMENTAL PROTECTION - STATE OF FLORIDA -

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REVISIONS				ENGINEER OF RECORD	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			STORM WATER POLLUTION PREVENTION PLAN	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	HEATHER W. REMICK, P.E. LICENSE NUMBER 80458 GORTEMOLLER ENGINEERING, INC. 708 THOMAS DRIVE PANAMA CITY BEACH, FL 32408	ROAD NO.	COUNTY	FINANCIAL PROJECT ID		137
					SR 30	FRANKLIN	445759-1-52-01		

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WETLAND IMPACTS

SITE NUMBER	LOCATION STA. TO STA.	SIDE	PERMANENT WETLAND IMPACTS (ACRES)	TEMPORARY WETLAND IMPACTS (ACRES)	TEMPORARY OTHER SURFACE WATERS IMPACTS (ACRES)	DESCRIPTION
W-1	544+55.55 - 544+93.42	LT	0.007	-	-	DS-1 REPLACEMENT / DITCH GRADING
W-2	88+16.54 - 88+27.68	RT	-	-	0.002	SD-01 REPLACEMENT
W-3	91+31.96 - 92+89.04	LT	0.021	0.014	-	FILL
W-4	226+78.55 - 226+90.87	RT	-	-	0.002	SD-04A REPLACEMENT
W-5	233+20.95 - 233+27.57	RT	-	0.001	-	SD-05 REPLACEMENT
W-6	233+62.56 - 233+68.68	RT	-	0.001	-	SD-05 REPLACEMENT
W-7	237+92.78 - 238+01.18	RT	-	0.001	-	SD-06 REPLACEMENT
W-8	238+34.36 - 238+41.90	RT	-	0.001	-	SD-06A REPLACEMENT
W-9	303+75.18 - 304+57.29	RT	-	0.002	-	EROSION CONTROL
W-10	315+84.80 - 316+47.52	RT	0.001	0.003	-	FILL
W-11	413+88.76 - 415+17.99	RT	-	0.022	-	ACB CONSTRUCTION
W-12	419+33.26 - 420+00.00	RT	-	0.016	-	ACB CONSTRUCTION
W-13	428+27.87 - 431+52.82	RT	-	0.022	-	ACB CONSTRUCTION
W-14	432+67.89 - 433+00.00	RT	-	0.008	-	ACB CONSTRUCTION
W-15	521+03.39 - 525+29.36	RT	0.023	0.034	-	FILL
W-16	522+67.72 - 524+96.83	LT	0.0002	0.003	-	FILL
	TOTAL		0.052	0.128	0.004	

DEPARTMENT OF ENVIRONMENTAL PROTECTION - STATE OF FLORIDA -

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REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

ENGINEER OF RECORD
HEATHER W. REMICK, P.E.
LICENSE NUMBER 80458
GORTEMOLLER ENGINEERING, INC.
708 THOMAS DRIVE
PANAMA CITY BEACH, FL 32408

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 30	FRANKLIN	445759-1-52-01

WETLAND & OTHER SURFACE WATERS IMPACTS TABLE

SHEET NO. 138

TRAFFIC CONTROL NOTES

1. LANE CLOSURES ARE PROHIBITED THROUGHOUT PROJECT LIMITS DURING WEEKENDS (FROM 6:00 PM FRIDAY THROUGH 8:00 PM SUNDAY).

2. STATE ROAD 30 HAS BEEN DESIGNATED AS A HURRICANE EVACUATION ROUTE. ALL LANES MUST BE REOPENED TO NORMAL TRAFFIC WITHIN 12 HOURS OF AN EVACUATION NOTICE FOR A HURRICANE OR ANY OTHER EMERGENCY EVENT AND SHALL REMAIN OPEN UNTIL OTHERWISE DIRECTED BY THE PROJECT ENGINEER.

3. USE PORTABLE CHANGEABLE MESSAGE SIGNS AT BEGIN AND END PROJECT, 500' BEFORE SIGNAGE, FOURTEEN (14) DAYS PRIOR TO CONSTRUCTION WITH THE FOLLOWING MESSAGE:

MESSAGE A	MESSAGE B
US 98 ROAD WORK	BEGINS MM/DD

OTHER MESSAGES PERMISSIBLE AS DIRECTED BY THE PROJECT ENGINEER.

4. USE PORTABLE CHANGEABLE MESSAGE SIGNS AT BEGIN AND END ACTIVE WORK ZONE, 500' BEFORE SIGNAGE FOR LANE CLOSURES.

MESSAGE A	MESSAGE B
LANE CLOSURE AHEAD	EXPECT DELAYS

OTHER MESSAGES PERMISSIBLE AS DIRECTED BY THE PROJECT ENGINEER.

5. REGULATORY SPEED SHALL BE REDUCED TO 45 MPH FROM STA. 364+00.00 TO STA. 473+00.00 THROUGHOUT THE DURATION OF ARTICULATING CONCRETE BLOCK CONSTRUCTION. REGULATORY SPEED SHALL ALSO BE REDUCED TO 45 MPH FOR ALL ACTIVE WORK ZONES.

6. TEMPORARY RAISED RUMBLE STRIPS SHALL NOT BE USED. TEMPORARY TRAFFIC CONTROL PLAN DETAIL (SHEET NO. 143) SHALL BE UTILIZED FOR LANE CLOSURES.

7. THE FOLLOWING WORK EFFORTS SHALL EACH BE PERFORMED IN ONE CONTINUOUS 24-HOUR WORK OPERATION TO ENSURE DROP-OFF CONDITIONS DO NOT EXIST OUTSIDE OF THE ACTIVE WORK ZONES. LANE CLOSURES SHALL BE UTILIZED PER STANDARD PLANS INDEX 102-603 (SPECIAL CONDITIONS) AND CORRESPONDING TTC TYPICAL SECTIONS.

- PHASE 2 – DRAINAGE IMPROVEMENTS CONSISTING OF CROSS DRAIN REPLACEMENT AND ASSOCIATED ROADWAY RECONSTRUCTION (STA. 544+39.85 TO STA. 544+82.55, ℄ SURVEY SR 30/SR 377).
- PHASE 3 – ROADWAY RECONSTRUCTION INCLUDING GEOSYNTHETIC REINFORCEMENT AT SUMMER CAMP RD (STA. 180+27.58 TO STA. 181+91.89, ℄ SURVEY SR 30).

8. ROADWAY RECONSTRUCTION AREAS SHOWN FROM BEGIN TO END OF PROJECT SHALL BE CONSTRUCTED UTILIZING ADDITIONAL TYPE SP STRUCTURAL COURSE TO MATCH EXISTING ASPHALT SURFACE ELEVATION PRIOR TO MILLING & RESURFACING OPERATIONS.

9. THE CONTRACTOR SHALL ENSURE THAT INGRESS/EGRESS FOR DRIVEWAYS, INCLUDING THE OCHLOCKONEE BAY BOAT RAMP (STA. 601+40 LT), IS MAINTAINED AT ALL TIMES DURING CONSTRUCTION.

DEPARTMENT OF ENVIRONMENTAL PROTECTION – STATE OF FLORIDA –

Permit Number

19-0426910-001-SFG

Water Resource Management

SUGGESTED SEQUENCE OF ROADWAY CONSTRUCTION (MAINTENANCE OF TRAFFIC)

PHASE 1

PHASE 1A – ADVANCE WORK

1. INSTALL BEGIN/END AND SIDE STREET TRAFFIC CONTROL SIGNAGE AND OTHER TRAFFIC CONTROL DEVICES BEFORE BEGINNING ANY WORK ON THE PROJECT.

PHASE 1B – NON-ROADWAY RELATED ITEMS

1. MAINTAIN TRAFFIC UTILIZING FDOT STANDARD PLANS INDEXES 102-600 – 102-603 (SPECIAL CONDITIONS) AND TEMPORARY TRAFFIC CONTROL PLAN DETAIL (SHEET NO. 143) FOR LANE CLOSURES.
2. INSTALL THE NECESSARY EROSION AND SEDIMENT CONTROL DEVICES BEFORE BEGINNING OTHER CONSTRUCTION ACTIVITIES.
3. PERFORM CONSTRUCTION OF ARTICULATING CONCRETE BLOCK AS SHOWN IN PLANS.

PHASE 2 – CROSS DRAIN REPLACEMENT

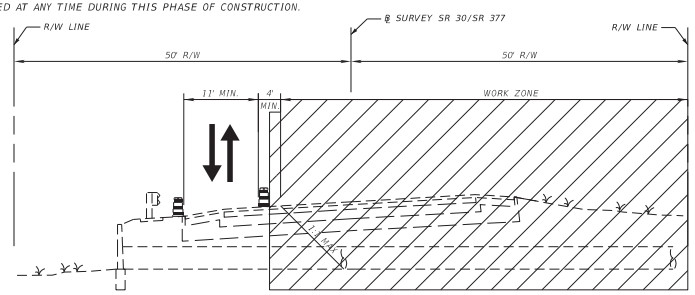
1. MAINTAIN TRAFFIC UTILIZING FDOT STANDARD PLANS INDEXES 102-600 – 102-603 (SPECIAL CONDITIONS) AND TEMPORARY TRAFFIC CONTROL PLAN DETAIL (SHEET NO. 143) FOR LANE CLOSURES.

PHASE 2A

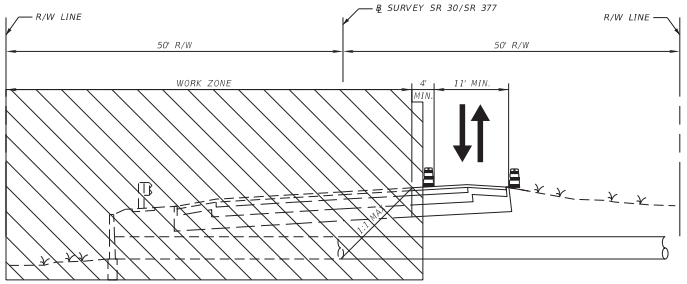
1. IN ADDITION TO ABOVE REFERENCED FDOT STANDARD PLANS INDEXES, MAINTAIN TWO-WAY TRAFFIC UTILIZING FLAGGERS AND THE CORRESPONDING TYPICAL SECTION BELOW.
2. PERFORM CROSS DRAIN REPLACEMENT FOR THE EASTBOUND SIDE OF SR 30 (US 98).
3. PERFORM RECONSTRUCTION OF ROADWAY THROUGH STRUCTURAL COURSE.

PHASE 2B

1. IN ADDITION TO ABOVE REFERENCED FDOT STANDARD PLANS INDEXES, MAINTAIN TWO-WAY TRAFFIC UTILIZING FLAGGERS AND THE CORRESPONDING TYPICAL SECTION BELOW.
2. PERFORM CROSS DRAIN REPLACEMENT FOR THE WESTBOUND SIDE OF SR 30 (US 98).
3. PERFORM RECONSTRUCTION OF ROADWAY THROUGH STRUCTURAL COURSE. PLACE PAINTED PAVEMENT MARKINGS AND TEMPORARY RAISED PAVEMENT MARKERS AS NECESSARY.
4. PERFORM GUARDRAIL REPLACEMENT FROM STA. 540+91.29 TO STA. 546+93.25 LT (℄ SURVEY SR 30/SR 377).
5. ADDITIONAL DRAINAGE IMPROVEMENTS, GUARDRAIL REPLACEMENT, AND ANY OTHER NON-ROADWAY RELATED ITEMS NOT OTHERWISE SPECIFIED MAY BE COMPLETED AT ANY TIME DURING THIS PHASE OF CONSTRUCTION.



PHASE 2A
TTC TYPICAL SECTION
STA. 544+39.85 TO STA. 544+82.55
℄ SURVEY SR 30/SR 377



PHASE 2B
TTC TYPICAL SECTION
STA. 540+91.29 TO STA. 546+93.25
℄ SURVEY SR 30/SR 377

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

TRAVIS S. HOWELL, P.E.
P.E. LICENSE NUMBER 58642
ALDAY-HOWELL ENGINEERING, INC.
3017 HIGHWAY 71 NORTH
MARIANNA, FLORIDA 32446
PHONE (850) 526-2040 * FAX (850) 526-4740

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 30	FRANKLIN	445759-1-52-01

TEMPORARY TRAFFIC CONTROL NOTES

SHEET NO. 139

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SUGGESTED SEQUENCE OF ROADWAY CONSTRUCTION (MAINTENANCE OF TRAFFIC) – CONTINUED

PHASE 3 – ROADWAY RECONSTRUCTION, SHOULDER CONSTRUCTION, & RIGHT TURN LANE CONSTRUCTION

1. MAINTAIN TRAFFIC UTILIZING FDOT STANDARD PLANS INDEXES 102-600 – 102-603 AND TEMPORARY TRAFFIC CONTROL PLAN DETAIL (SHEET NO. 143) FOR LANE CLOSURES.
2. AREAS OF ROADWAY RECONSTRUCTION SHOWN IN THESE PLANS MAY BE PERFORMED IN SEPARATE WORK OPERATIONS TO BE COMPLETED WITHIN LANE CLOSURE RESTRICTIONS.

PHASE 3A

1. IN ADDITION TO ABOVE REFERENCED FDOT STANDARD PLANS INDEXES, MAINTAIN TWO-WAY TRAFFIC UTILIZING FLAGGERS, THE CORRESPONDING TYPICAL SECTION BELOW, TEMPORARY TRAFFIC CONTROL PLAN (SHEET NO. 143), AND AN ADDITIONAL FLAGGER TO MAINTAIN TRAFFIC ACCESSING SUMMER CAMP ROAD.
2. PERFORM EXCAVATION OF WESTBOUND ROADWAY FROM STA. 180+27.58 TO STA. 181+91.89, ℄ SURVEY SR 30.
3. CONSTRUCT GEOSYNTHETIC REINFORCEMENT ACCORDING TO GEOSYNTHETIC REINFORCEMENT DETAIL (SHEET NO. 82).
4. PERFORM RECONSTRUCTION OF ROADWAY (STA. 180+27.58 TO STA. 181+91.89) FOR THE WESTBOUND SIDE OF SR 30 (US 98) AT SUMMER CAMP RD THROUGH STRUCTURAL COURSE. PLACE PAINTED PAVEMENT MARKINGS AND TEMPORARY RAISED PAVEMENT MARKERS AS NECESSARY.

PHASE 3B

1. IN ADDITION TO ABOVE REFERENCED FDOT STANDARD PLANS INDEXES, MAINTAIN TWO-WAY TRAFFIC UTILIZING FLAGGERS, THE CORRESPONDING TYPICAL SECTION BELOW, AND TEMPORARY TRAFFIC CONTROL PLAN (SHEET NO. 144).
2. PERFORM EXCAVATION OF EASTBOUND ROADWAY FROM STA. 181+10.00 TO STA. 181+91.89, ℄ SURVEY SR 30.
3. CONSTRUCT GEOSYNTHETIC REINFORCEMENT ACCORDING TO GEOSYNTHETIC REINFORCEMENT DETAIL (SHEET NO. 82).
4. PERFORM RECONSTRUCTION OF ROADWAY (STA. 181+10.00 TO STA. 181+91.89) FOR THE EASTBOUND SIDE OF SR 30 (US 98) AT SUMMER CAMP RD THROUGH STRUCTURAL COURSE. PLACE PAINTED PAVEMENT MARKINGS AND TEMPORARY RAISED PAVEMENT MARKERS AS NECESSARY.

PHASE 3C

1. IN ADDITION TO ABOVE REFERENCED FDOT STANDARD PLANS INDEXES, MAINTAIN TWO-WAY TRAFFIC UTILIZING FLAGGERS, THE CORRESPONDING TYPICAL SECTION BELOW, AND TEMPORARY TRAFFIC CONTROL PLAN (SHEET NO. 144).
2. PERFORM EXCAVATION OF EASTBOUND ROADWAY FROM STA. 180+27.58 TO STA. 181+10.00, ℄ SURVEY SR 30.
3. CONSTRUCT GEOSYNTHETIC REINFORCEMENT ACCORDING TO GEOSYNTHETIC REINFORCEMENT DETAIL (SHEET NO. 82).
4. PERFORM RECONSTRUCTION OF ROADWAY (STA. 180+27.58 TO STA. 181+10.00) FOR THE EASTBOUND SIDE OF SR 30 (US 98) AT SUMMER CAMP RD THROUGH STRUCTURAL COURSE. PLACE PAINTED PAVEMENT MARKINGS AND TEMPORARY RAISED PAVEMENT MARKERS AS NECESSARY.

PHASE 3D – ROADWAY RECONSTRUCTION, SHOULDER CONSTRUCTION, & TURNOUT CONSTRUCTION

1. PERFORM:
   - RECONSTRUCTION OF ROADWAY THROUGH STRUCTURAL COURSE (STA. 566+66.33 TO STA. 569+94.06, ℄ SURVEY SR 30)
   - CONSTRUCTION OF SHOULDER THROUGH STRUCTURAL COURSE (STA. 540+81.35 TO STA. 541+50.86, ℄ SURVEY SR 30/SR 377 AND STA. 553+98.47 TO STA. 557+26.14, ℄ SURVEY SR 377)
   - NECESSARY TURNOUT CONSTRUCTION AS SHOWN IN THESE PLANS FROM BEGIN TO END PROJECT.
2. PLACE PAINTED PAVEMENT MARKINGS AND TEMPORARY RAISED PAVEMENT MARKERS AS NECESSARY.

PHASE 3E – RIGHT TURN LANE CONSTRUCTION

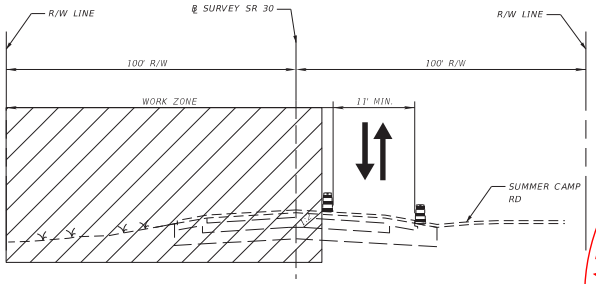
1. PERFORM RIGHT TURN LANE CONSTRUCTION (INCLUDING ASSOCIATED SHOULDER CONSTRUCTION) THROUGH STRUCTURAL COURSE AS SHOWN IN THESE PLANS FROM STA. 601+78.20 TO STA. 604+01.31 LT (℄ SURVEY SR 30). PLACE PAINTED PAVEMENT MARKINGS AND TEMPORARY RAISED PAVEMENT MARKERS AS NECESSARY.

PHASE 4 – STRUCTURAL COURSE & SUPERELEVATION CORRECTION

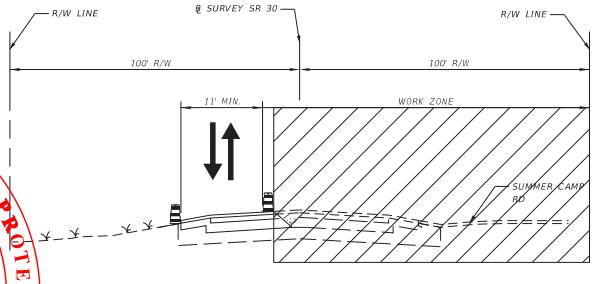
1. MAINTAIN TRAFFIC UTILIZING FDOT STANDARD PLANS INDEXES 102-600 – 102-603 AND TEMPORARY TRAFFIC CONTROL PLAN DETAIL (SHEET NO. 143) FOR LANE CLOSURES.
2. PERFORM MILLING OPERATIONS ON SHOULDERS AND TURNOUTS FROM BEGIN PROJECT TO END PROJECT.
3. PERFORM MILLING, APPLICATION OF OVERBUILD, AND STRUCTURAL COURSE RESURFACING OPERATIONS ON TRAVEL LANES FROM STA. 232+49.93 TO STA. 232+89.04. PLACE PAINTED PAVEMENT MARKINGS AND TEMPORARY RAISED PAVEMENT MARKERS AS NECESSARY.
4. PERFORM MILLING, APPLICATION OF OVERBUILD FOR SUPERELEVATION CORRECTION, AND STRUCTURAL COURSE RESURFACING OPERATIONS ON EASTBOUND TRAVEL LANE AND SHOULDER FROM STA. 240+68.50 TO STA. 259+00.00. PLACE PAINTED PAVEMENT MARKINGS AND TEMPORARY RAISED PAVEMENT MARKERS AS NECESSARY.
5. PERFORM MILLING, APPLICATION OF OVERBUILD FOR SUPERELEVATION CORRECTION, AND STRUCTURAL COURSE RESURFACING OPERATIONS ON WESTBOUND TRAVEL LANE AND SHOULDER FROM STA. 260+00.00 TO STA. 288+00.00. PLACE PAINTED PAVEMENT MARKINGS AND TEMPORARY RAISED PAVEMENT MARKERS AS NECESSARY.
6. PERFORM MILLING AND STRUCTURAL COURSE RESURFACING OPERATIONS ON TRAVEL LANES (OUTSIDE OF ABOVE MENTIONED AREAS), TURN LANES, AND PAVED MEDIANS FROM BEGIN PROJECT TO END PROJECT. PLACE PAINTED PAVEMENT MARKINGS AND TEMPORARY RAISED PAVEMENT MARKERS AS NECESSARY.

PHASE 5 – FRICTION COURSE

1. MAINTAIN TRAFFIC UTILIZING FDOT STANDARD PLANS INDEXES 102-600 – 102-603 AND TEMPORARY TRAFFIC CONTROL PLAN DETAIL (SHEET NO. 143) FOR LANE CLOSURES.
2. PLACE SOD FROM BEGIN PROJECT TO END PROJECT.
3. PERFORM FRICTION COURSE RESURFACING OPERATIONS ON TRAVEL LANES, TURN LANES, PAVED MEDIANS, TURNOUTS, AND SHOULDERS FROM BEGIN PROJECT TO END PROJECT. PLACE PAINTED PAVEMENT MARKINGS AND TEMPORARY RAISED PAVEMENT MARKERS AS NECESSARY.
4. REMOVE AND/OR FURNISH AND INSTALL ANY REQUIRED PERMANENT SIGNAGE.
5. AFTER ASPHALT CURE PERIOD, PERFORM CONSTRUCTION OF SINUSOIDAL GROUND-IN RUMBLE STRIPS PER FDOT STANDARD PLANS INDEX 546-010 AND PLACE THERMOPLASTIC PAVEMENT MARKINGS.
6. REMOVE ALL TEMPORARY TRAFFIC CONTROL DEVICES AND EROSION AND SEDIMENT CONTROL DEVICES.



PHASE 3A
TTC TYPICAL SECTION
STA. 180+27.58 TO STA. 181+91.89
℄ SURVEY SR 30



PHASE 3B & 3C
TTC TYPICAL SECTION
STA. 180+27.58 TO STA. 181+91.89
℄ SURVEY SR 30

DEPARTMENT OF ENVIRONMENTAL PROTECTION - STATE OF FLORIDA -

Permit Number

19-0426910-001-SFG

Water Resource Management

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

TRAVIS S. HOWELL, P.E.
P.E. LICENSE NUMBER 58642
ALDAY-HOWELL ENGINEERING, INC.
3017 HIGHWAY 71 NORTH
MARIANNA, FLORIDA 32446
PHONE (850) 526-2040 * FAX (850) 526-4740

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

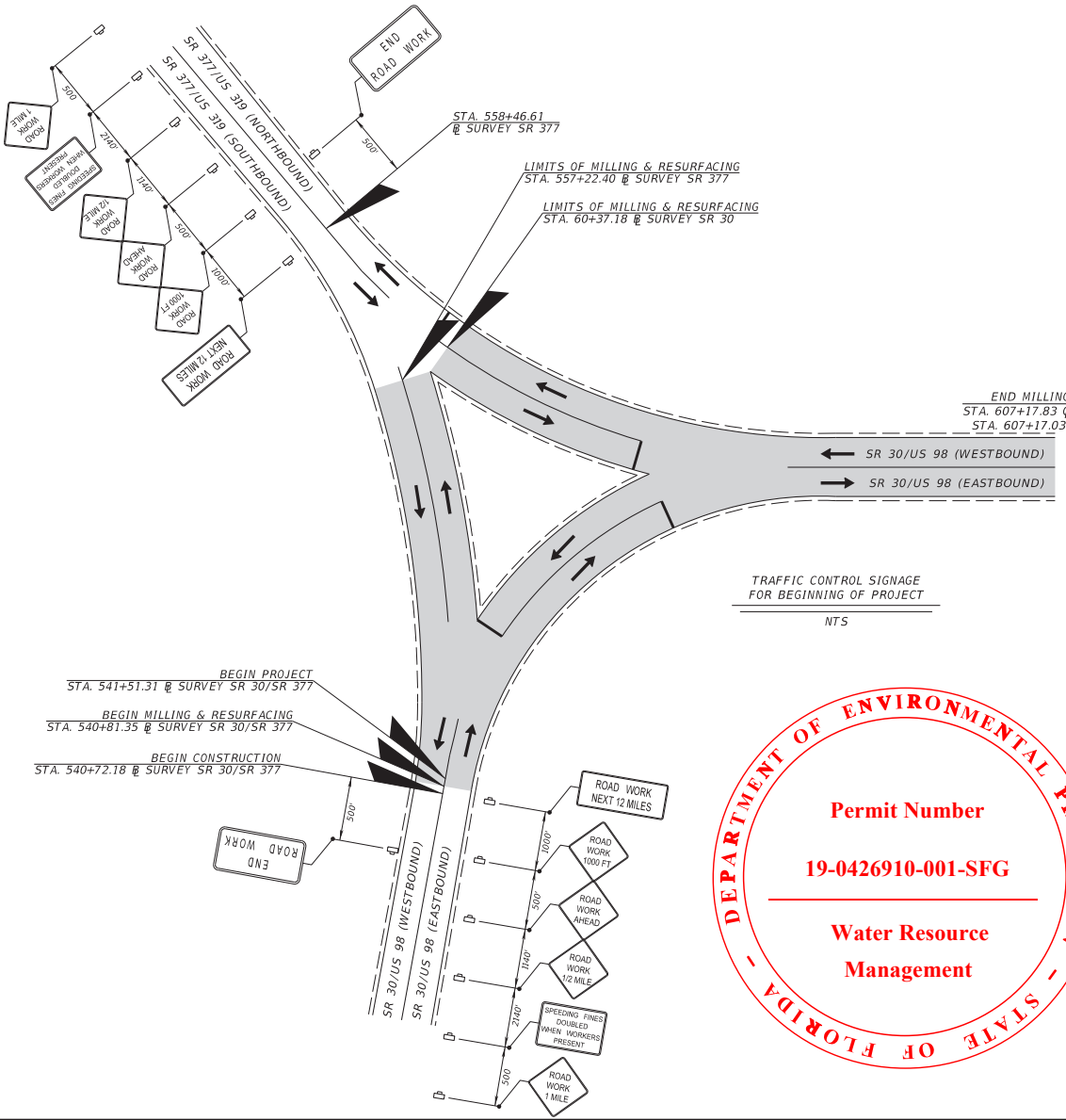
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 30	FRANKLIN	445759-1-52-01

TEMPORARY TRAFFIC CONTROL NOTES

SHEET NO. 140

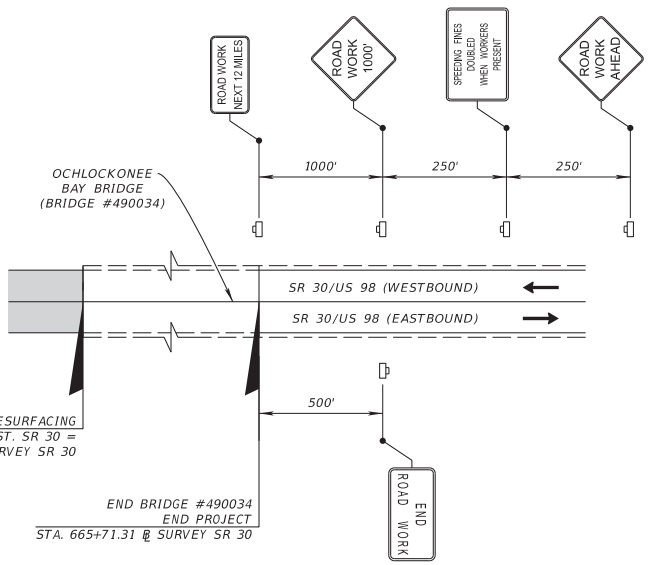
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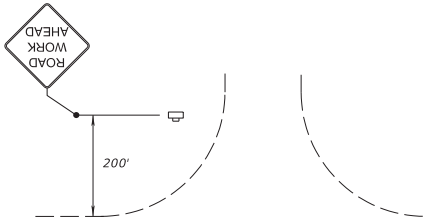
TRAFFIC CONTROL SIGNAGE
FOR BEGINNING OF PROJECT

NTS



TRAFFIC CONTROL SIGNAGE
FOR END OF PROJECT

NTS



SR 30 (US 98)

SIDE ROAD	STA	SIDE	ALIGNMENT
ENDLESS SUMMER DR	545+80	RT	℄ SURVEY SR 30/SR 377
US 319 (SR 377)	60+00	RT	℄ SURVEY SR 30
SEA PINE DR	75+00	RT	℄ SURVEY SR 30
SUMMER CAMP RD	181+00	RT	℄ SURVEY SR 30
ST TERESA AVE	206+10	RT	℄ SURVEY SR 30
BAY NORTH CT	318+50	RT	℄ SURVEY SR 30
ST TERESA LANDING RD	336+30	RT	℄ SURVEY SR 30
ALLIGATOR DR	540+40	RT	℄ SURVEY SR 30

TYPICAL TRAFFIC CONTROL SIGNAGE
FOR SIDE ROADS RIGHT & LEFT

NTS

DEPARTMENT OF ENVIRONMENTAL PROTECTION - STATE OF FLORIDA -

Permit Number

19-0426910-001-SFG

Water Resource Management

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STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 30	FRANKLIN	445759-1-52-01

TEMPORARY TRAFFIC CONTROL PLAN

SHEET NO. 141

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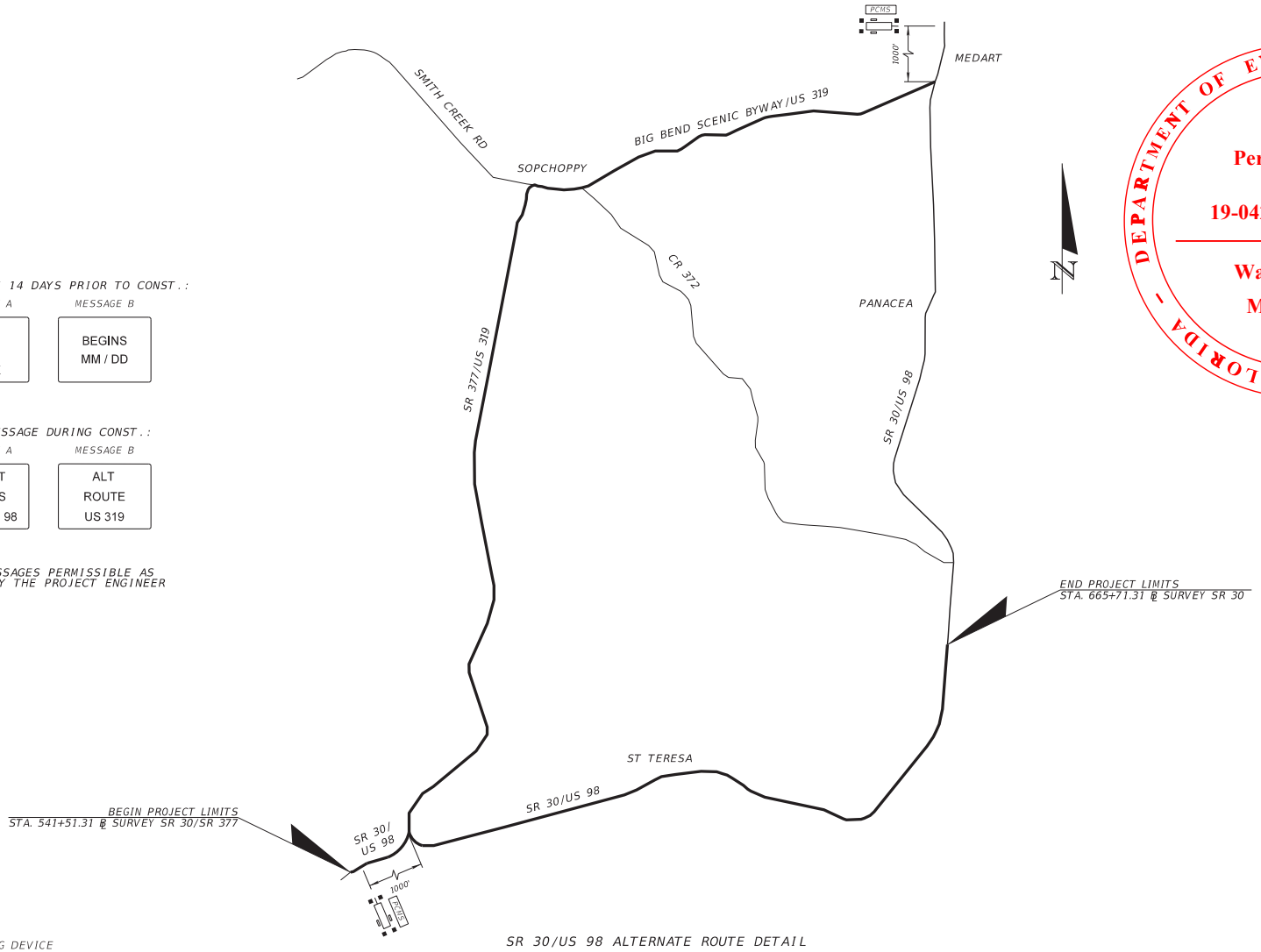
PCMS MESSAGE 14 DAYS PRIOR TO CONST.:

MESSAGE A	MESSAGE B
US 98 ROAD WORK	BEGINS MM / DD

PCMS MESSAGE DURING CONST.:

MESSAGE A	MESSAGE B
EXPECT DELAYS SR 30/US 98	ALT ROUTE US 319

OTHER MESSAGES PERMISSIBLE AS DIRECTED BY THE PROJECT ENGINEER



SR 30/US 98 ALTERNATE ROUTE DETAIL

SYMBOLS:

- CHANNELIZING DEVICE
- PCMS = PORTABLE CHANGEABLE (VARIABLE) MESSAGE SIGN

NOTES:
1. PCMS TO BE UTILIZED THROUGHOUT DURATION OF CONSTRUCTION.
2. PCMS SHOWN ABOVE SHALL BE PLACED 1000' IN ADVANCE OF INTERSECTIONS.

DEPARTMENT OF ENVIRONMENTAL PROTECTION - STATE OF FLORIDA

Permit Number

19-0426910-001-SFG

Water Resource Management

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STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 30	FRANKLIN	445759-1-52-01

TEMPORARY TRAFFIC CONTROL PLAN

SHEET NO. 142

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TYPICAL PCMS DISPLAY

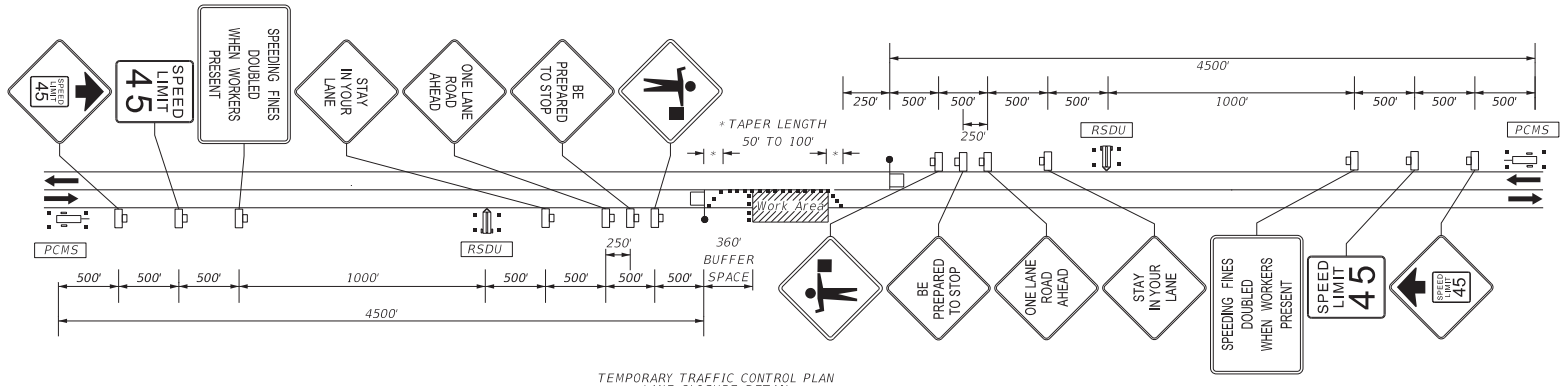
MESSAGE A

WORKERS PRESENT AHEAD

MESSAGE B

SPEED REDUCED NEXT 5 MI

OTHER MESSAGES PERMISSIBLE AS DIRECTED BY THE PROJECT ENGINEER



TEMPORARY TRAFFIC CONTROL PLAN
LANE CLOSURE DETAIL

NTS

DEPARTMENT OF ENVIRONMENTAL PROTECTION - STATE OF FLORIDA -

Permit Number

19-0426910-001-SFG

Water Resource Management

GENERAL NOTES:

1. ADDITIONAL ONE-WAY CONTROL MAY BE PROVIDED BY THE FOLLOWING MEANS:

   A. FLAG-CARRYING VEHICLE;
   B. OFFICIAL VEHICLE;
   C. PILOT VEHICLES;
   D. TRAFFIC SIGNALS.

   WHEN FLAGGERS ARE THE SOLE MEANS OF ONE-WAY CONTROL, THE FLAGGERS MUST BE IN SIGHT OF EACH OTHER OR IN DIRECT COMMUNICATION AT ALL TIMES.

2. WHEN A SIDE ROAD INTERSECTS SR 30 (US 98) WITHIN THE TTC ZONE, PLACE ADDITIONAL TTC DEVICES IN ACCORDANCE WITH OTHER APPLICABLE TCZ STANDARD PLANS.

3. THE CHANNELIZING DEVICES DIRECTLY IN FRONT OF THE WORK AREA MAY BE OMITTED PROVIDED VEHICLES IN THE WORK AREA HAVE HIGH-INTENSITY ROTATING, FLASHING, OSCILLATING, OR STROBE LIGHTS OPERATING.

4. WHEN BUFFER SPACE CANNOT BE ATTAINED DUE TO GEOMETRIC CONSTRAINTS, USE THE GREATEST ATTAINABLE LENGTH, NOT LESS THAN 200 FT.

5. SEE FDOT STANDARD PLANS INDEX 102-600 FOR GENERAL TCZ REQUIREMENTS AND ADDITIONAL INFORMATION.

6. AUTOMATED FLAGGER ASSISTANCE DEVICES (AFADS) MAY BE USED IN ACCORDANCE WITH SPECIFICATIONS SECTION 102, 990, AND THE APL VENDOR DRAWINGS.

SYMBOLS:

- WORK AREA
- CHANNELIZING DEVICE
- WORK ZONE SIGN
- FLAGGER
- LANE IDENTIFICATION + DIRECTION OF TRAFFIC
- PCMS = PORTABLE CHANGEABLE (VARIABLE) MESSAGE SIGN
- RSDU = RADAR SPEED DISPLAY UNIT

CHANNELIZING DEVICE SPACING			
MAX. SPACING (FEET)			
CONES OR TUBULAR MARKERS		TYPE I BARRICADES, TYPE II BARRICADES, VERTICAL PANELS, OR DRUMS	
TAPER	TANGENT	TAPER	TANGENT
25'	50'	25'	50'

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

TRAVIS S. HOWELL, P.E.
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ALDAY-HOWELL ENGINEERING, INC.
3017 HIGHWAY 71 NORTH
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STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

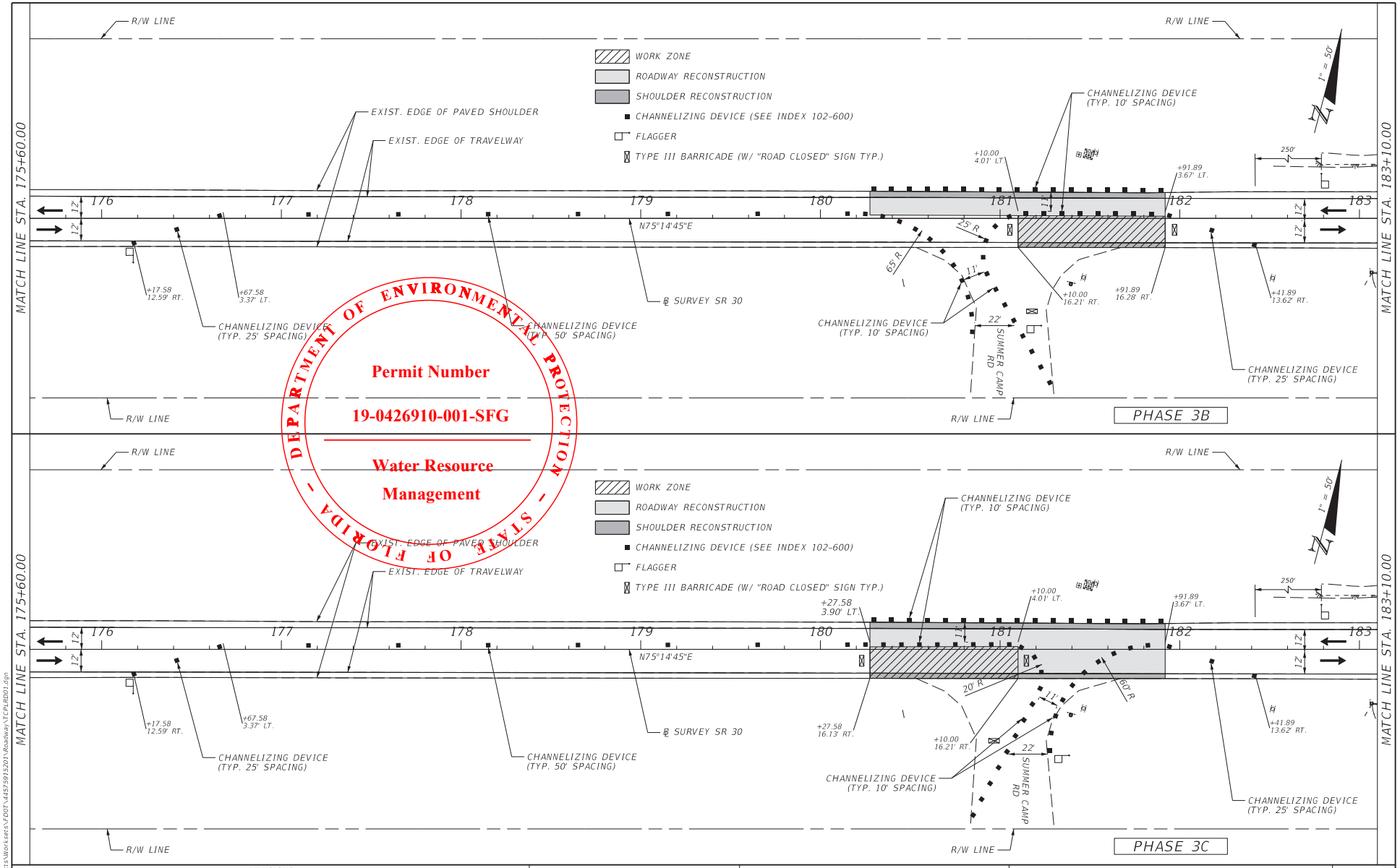
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 30	FRANKLIN	445759-1-52-01

TEMPORARY TRAFFIC CONTROL PLAN

SHEET NO. 143

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DEPARTMENT OF ENVIRONMENTAL PROTECTION - STATE OF FLORIDA -
Permit Number
19-0426910-001-SFG
Water Resource Management

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

TRAVIS S. HOWELL, P.E.
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3017 HIGHWAY 71 NORTH
MARIANNA, FLORIDA 32446
PHONE (850) 526-2040 * FAX (850) 526-4740

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 30	FRANKLIN	445759-1-52-01

TEMPORARY TRAFFIC CONTROL PLAN

SHEET NO. 144

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SUMMARY OF VERIFIED UTILITIES

Vvh #	UTILITY DESCRIPTION (Owner, Type)	SIZE	MATERIALS	℄ and/or ℄ STATION	OFFSET	LT/RT	EXISTING GROUND ELEVATION	TOP ELEVATION	DEPTH TO COVER	COMMENTS
JA1	CONSOLIDATED COMM., FIBER OPTIC CABLE	0.5"&1.5"	DIRECT BURIED CABLE	89+64.90	30.88	LT	8.62	5.32	3.30	
JA2	CONSOLIDATED COMM., FIBER OPTIC CABLE	0.5"&1.5"	DIRECT BURIED CABLE	93+40.99	26.46	LT	9.66	6.06	3.60	
JA3	UNITI FIBER, FIBER OPTIC CABLE	0.5"	DIRECT BURIED CABLE	521+14.19	17.34	RT	12.23	8.73	3.50	
JA4	CONSOLIDATED COMM., FIBER OPTIC CABLE	0.5"	DIRECT BURIED CABLE	521+09.80	21.95	LT	11.33	7.73	3.60	
JA5	UNKNOWN, FIBER OPTIC CABLE	1"	DIRECT BURIED CABLE	93+13.59	23.72	LT	9.46	3.76	5.70	
JA6	CONSOLIDATED COMM., FIBER OPTIC CABLE	N/A	N/A	180+67.97	27.08	RT	N/A	N/A	N/A	DESIGNATE DEPTH 14'+/. CLEARED TO A DEPTH OF 10'+/.
JA7	ST JAMES ISLAND, WATER MAIN	8"	POLYVINYL CHLORIDE	181+14.05	25.33	RT	16.74	13.02	3.72	
JA8	ST JAMES ISLAND, FORCE MAIN	6"	POLYVINYL CHLORIDE	181+12.63	26.05	RT	16.77	11.33	5.44	
JA9	UNITI FIBER, FIBER OPTIC CABLE	0.5"	DIRECT BURIED CABLE	526+46.85	19.29	RT	11.93	8.43	3.50	
JA10	CONSOLIDATED COMM., FIBER OPTIC CABLE	0.5"	DIRECT BURIED CABLE	526+61.74	25.74	LT	9.83	7.09	2.74	

SURVEYOR'S NOTES OF SPECIFIC PURPOSE SURVEY

1. THIS IS A SPECIFIC PURPOSE SURVEY TO EXPOSE AND LOCATE UTILITIES DESIGNATED TO ASCE-38-02 QUALITY LEVEL B STATUS AND PROVIDE SPOT ELEVATION SHOTS IN AREAS SPECIFIED BY THE FDOT.
2. THE PROJECT LIMITS RUN ALONG STATE ROAD 30 (US 98) FROM WEST OF STATE ROAD 377 (US 319) TO OCHLOCKNEE BAY BRIDGE IN FRANKLIN COUNTY, FLORIDA.
3. THIS SURVEY WAS PREPARED IN ACCORDANCE WITH THE STANDARDS OF ACCURACY, COMPLETENESS, AND QUALITY SET FORTH BY RULES 5J-17.050,5J-17.051, 5J-17.052, AND 5J-17.053 OF THE FLORIDA ADMINISTRATIVE CODE.
4. THIS SUMMARY PRESENTS SPATIAL DATA OF EXISTING UTILITIES TO FACILITATE THE DECISION OF NEW INFRASTRUCTURE ABOVE, BELOW OR AROUND THE EXISTING FEATURES. THIS UTILITY DATA IS NOT INTENDED FOR THE DESIGNING OF A NEW UTILITY JOINING AN EXISTING UTILITY (I.E A "TIE-IN OR TAP). THIS ACTIVITY TYPICALLY ENTAILS FULL EXPOSURE OF THE EXISTING UTILITY AND MAY REQUIRE THE FDOT AND CONTRACTOR'S ATTENDANCE ON-SITE TO CONFIRM THE UTILITY'S SIZE, TYPE, AND CONDITION.

HORIZONTAL ACCURACY:

5. THE COORDINATE SYSTEM UTILIZED HEREIN IS RELATIVE TO THE FLORIDA STATE PLANE COORDINATE SYSTEM, NORTH ZONE, NORTH AMERICAN DATUM OF 1983, 2011 ADJUSTMENT, AS ESTABLISHED UTILIZING THE FLORIDA DEPARTMENT OF TRANSPORTATION'S SURVEY CONTROL FOR PROJECT NUMBER 445759-1-52-01. ALL DISTANCES AND STATIONING IN THIS SUMMARY ARE IN U.S. SURVEY FEET. TYPICAL HORIZONTAL ACCURACY IS 0.20 FT.

VERTICAL ACCURACY:

6. ELEVATIONS SHOWN HEREON ARE REFERENCED TO THE NORTH AMERICAN VERTICAL DATUM OF 1988, AS ESTABLISHED BY GPS OBSERVATIONS. TYPICAL VERTICAL ACCURACY IS 0.10 FT.

SUBSURFACE UTILITY DESIGNATION AND LOCATION METHODOLOGY:

7. THE UTILITY AGENCY OWNERS (UAO'S) IDENTIFIED ARE BASED ON INFORMATION PROVIDED FROM THE SUNSHINE 811 811 TICKET. A UTILITY CONFLICT MATRIX WAS PROVIDED BY THE CLIENT. THESE DATA ARE FOR INFORMATIONAL PURPOSES ONLY AND IS SUBJECT TO REVIEW BY THE UAO.

UTILITY DESIGNATING TO ASCE 38-02 QUALITY LEVEL B:

9. THE FOLLOWING GEOPHYSICAL PROSPECTING METHODS WERE USED ON THIS SURVEY TO DETERMINE APPROXIMATE HORIZONTAL POSITIONS OF SUBSURFACE UTILITIES. THE EQUIPMENT USED, DATA COLLECTED, MARKED AND DEPICTED USING STANDARD SURVEYING TECHNIQUES IS THE PROCESS DEFINDED IN ASCE STANDARD ASCE 38-02 AS QUALITY LEVEL B UTILITY DESIGNATING.
   VIVAX METROTECH UTILITY LINE LOCATOR, MODEL 9860XT
   MALA LOCATOR SYSTEM GROUND PENETRATING RADAR (GPR)
10. UTILITIES WERE MARKED WITH PAINT AT THE GROUND SURFACE IN ACCORDANCE WITH THE AMERICAN PUBLIC WORKS ASSOCIATION UNIFORM COLOR CODE.

UTILITY LOCATING TO ASCE 38-02 QUALITY LEVEL A:

11. TEST HOLE LOCATIONS WERE SELECTED BY THE FDOT IN CONSULTATION WITH THE SURVEYOR. AFTER UTILITY DESIGNATION, A VACUUM MASTER 4000 TRUCK AND "SUE" CREW PERFORMED EXCAVATION AND SOIL EXTRACTION AT INDIVIDUAL TEST HOLES TO DETERMINE TYPE OF UTILITY, DEPTH, AND SIZE OF UTILITY. AFTER BACK FILLING TEST HOLES, A GEOSPATIAL SURVEY CREW PERFORMED THE AFOREMENTIONED HORIZONTAL AND VERTICAL SURVEYS TO ACCURATELY DETERMINE THREE-DIMENSIONAL COORDINATES OF EACH EXPOSED UTILITY. THIS PROCESS IS KNOWN AS QUALITY LEVEL "A" UTILITY LOCATING, AS DEFINED BY ASCE STANDARD ASCE 38-02

LIMITATIONS:

12. THE GEOPHYSICAL PROSPECTING TECHNIQUES DESCRIBED ABOVE (BOTH QUALITY LEVEL A & B), ALTHOUGH HIGHLY RELIABLE, ARE SUBJECT TO OUTSIDE INTERFERENCE'S WHICH ARE BEYOND THE CONTROL OF WGI AND MAY IMPEDE THE EFFECTIVENESS OF THE SUBSURFACE INVESTIGATION. SOIL CONDITIONS, UTILITY MATERIAL, SIZE, DEPTH, AND CONDUCTIVITY MAY PREVENT LOCATION OF SOME SUBSURFACE UTILITIES. WGI UTILIZES STATE OF THE ART EQUIPMENT AND METHODOLOGY DURING ALL PHASES OF A UTILITY INVESTIGATION. NO GUARANTEE IS HEREBY EXPRESSED, OR IMPLIED THAT ALL UTILITIES HAVE BEEN DETECTED AND LOCATED.

DEPARTMENT OF ENVIRONMENTAL PROTECTION - STATE OF FLORIDA

Permit Number

19-0426910-001-SFG

Water Resource Management

REVISIONS				ENGINEER OF RECORD	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SUMMARY OF VERIFIED UTILITIES	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	JEREMIAH SLAYMAKER, P.S.M. NO. 6387 WGI, INC. FLD 7055 2316 KILLEARN CENTER BLVD., BUILDING C, SUITE 100 TALLAHASSEE, FLORIDA 32309 PHONE: (850) 210-0101	ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
					SR 30	FRANKLIN	445759-1-52-01		145

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Certification of Compliance with a State 404 Program General Permit

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.):

Acreage 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