



REPLY TO  
ATTENTION OF

DEPARTMENT OF THE ARMY  
SAVANNAH DISTRICT, CORPS OF ENGINEERS  
1590 ADAMSON PARKWAY, SUITE 200  
MORROW, GEORGIA 30260-1777

**JANUARY 18 2012**

Regulatory Division  
SAS-2011-00705

**JOINT PUBLIC NOTICE**  
**Savannah District / State of Georgia**

The Savannah District has received an application for a Department of the Army Permit, pursuant to Section 404 of the Clean Water Act (33 U.S.C. 1344), as follows:

Application Number: SAS-2011-00705

Applicant: Mr. Glenn Bowman, State Environmental Administrator  
Georgia Department of Transportation  
Office of Environmental Services  
One Georgia Center, 16th Floor  
600 West Peachtree Street, NW  
Atlanta, Georgia 30308-3607

Applicant's Identification Number: STP00-2984-00(001), Hall County, P.I. #162430

Location of Proposed Work: The State Route (SR) 347/Friendship Road widening and improvements project begins just east of Interstate-985 (I-985) (latitude 34.13781 and longitude -83.94713), proceeds east to its intersection with Hog Mountain Road (latitude 34.13403 and longitude -83.93505) and Spout Springs Road, where SR 347 becomes Thompson Mill Road, and ends at SR 211/Old Winder Highway in Hall County, Georgia. The total project length is approximately 8.14 miles.

The project proposes to widen the existing roadway from I-985 to just west of Dunbar Road. At this point, the alignment would shift to the north along a new alignment, crossing Sprouts Springs Road approximately 1,500 feet north (latitude 34.10953 and longitude -83.87433) of the intersection at Thompson Mill Road. The alignment would continue on new location, shifting south back to the existing Thompson Mill Road at Chateau Corners for approximately 1,600 feet. The alignment would continue north on new location to end at SR 211 (latitude 34.12307 and longitude -83.82787), approximately 1,600 feet north of the existing SR 211/Thompson Mill Road intersection.

Description of Work Subject to the Jurisdiction of the US Army Corps of Engineers: The applicant's, Georgia Department of Transportation (GDOT), proposed roadway project would widen SR 347 to 6-lanes from east of I-985 to Hog Mountain Road with 10-foot shoulders, curb and gutter, and sidewalks. From Hog Mountain Road, SR 347 would transition to a 4-lane

roadway with 6-foot shoulders on mostly new alignment to its new intersection with SR 211 in Hall County, Georgia. The proposed roadway would be separated by a 20 to 28-foot raised median with a proposed right-of-way of 150 to 250 feet.

The proposed roadway project would permanently impact approximately 5,513 linear feet of 17 streams and 0.53 acre of wetlands and open waters during reconstruction and relocation of SR 347/Friendship Road from I-985 eastward to SR 211 in Hall County, Georgia. Compensatory mitigation to replace lost aquatic functions would be the purchase of 180.5 stream credits for 70 linear feet of impacts to intermittent Stream #1b credits from an approved commercial mitigation bank located in the Upper Chattahoochee River Basin; and 30,208.1 stream credits for 5,443 linear feet of impacts to streams and 2.3 wetland credits from an approved commercial mitigation bank located in the Upper Oconee River Basin.

According to GDOT, the purpose and need for widening and relocating SR 347 would be to provide better regional access in and to south Hall County, which is now considered part of the greater metropolitan Atlanta area. Benefits of this roadway project would provide better access to the economically viable and attractive Lake Lanier area; traffic would operate more efficiently by improving levels of service; and safety would be enhanced by improving this part of SR 347 to accommodate current and future traffic.

GDOT gathered and studied basic data in this area of SR 347, and considered three design alternatives for this project. The first alternative, the no-build, fails to meet the stated project purpose and need to improve traffic movement, access to the area, and safety for the traveling public. The second alternative to widen the existing SR 347 alignment would address the need to improve the operational conditions and safety concerns along Friendship and Thompson Mill Roads. However, correction of the skewed angles at the Friendship Road/Thompson Mill Road/Spout Springs Road intersection, and realignment of the sub-standard vertical and horizontal curvature on the existing Thompson Mill Road would result in multiple residential displacements in the vicinity of the intersection and along Thompson Mill Road. The third and preferred alternative, as described above, to widen and relocated SR 347 and Thompson Mill Road meets the purpose and need for the project.

## **BACKGROUND**

This Joint Public Notice announces a request for authorizations from both the US Army Corps of Engineers and the State of Georgia. The applicant's proposed work may also require local governmental approval.

## **STATE OF GEORGIA**

Water Quality Certification: The Georgia Department of Natural Resources, Environmental Protection Division, intends to certify this project at the end of 30 days in accordance with the provisions of Section 401 of the Clean Water Act, which is required for a Federal Permit to conduct activity in, on or adjacent to the waters of the State of Georgia. Copies of the

application and supporting documents relative to a specific application will be available for review and copying at the office of the Georgia Department of Natural Resources, Environmental Protection Division, Watershed Protection Branch, 4220 International Parkway, Suite 101, Atlanta, Georgia 30354, during regular office hours. A copier machine is available for public use at a charge of 25 cents per page. Any person who desires to comment, object or request a public hearing relative to State Water Quality Certification must do so within 30 days of the State's receipt of application in writing and state the reasons or basis of objections or request for a hearing. The application can be reviewed in the US Army Corps of Engineers, Savannah District, Regulatory Division, Piedmont Branch, at 1590 Adamson Parkway, Suite 200, Morrow, Georgia 30260.

State-owned Property and Resources: The applicant may also require assent from the State of Georgia that may be in the form of a license, easement, lease, permit or other appropriate instrument.

### **US ARMY CORPS OF ENGINEERS**

The Savannah District must consider the purpose and the impacts of the applicant's proposed work, prior to a decision on issuance of a Department of the Army Permit.

Cultural Resources Assessment: Pursuant to Section 106 of the National Historic Preservation Act of 1966, as amended (16 U.S.C. 470 *et seq.*), we request from the Georgia Historic Preservation Division (Georgia HPD) or any other interested party information on whether any cultural resources that are listed or proposed for listing in National Register of Historic Places (NRHP) may be present in the area of the proposed SR 347 widening and relocation project. Presently unknown archaeological, scientific, pre-historical or historical data may be located near or within the project corridor and could be affected by the proposed work.

Georgia HPD has assigned number HP-980930-004 to this proposed roadway project. GDOT surveyed the proposed project corridor and prepared a draft and then final archaeology report entitled "Archaeological Survey of the Proposed Widening and Realignment of Friendship Road (SR 347), Hall County, Georgia." By letter dated September 2, 2004, Georgia HPD stated that they concurred with the draft report the archaeological sites 9HL487 to 9HL499 did not meet the criteria for listing in the NRHP, and that the Waters cemetery and the Friendship Baptist Church cemetery are located beyond the proposed project's area of potential effects (APE). By letter dated November 9, 2004, Georgia HPD stated that they agreed with the information provided in the September 29, 2004 Assessment of Effects that the proposed project would have no adverse effect to the Roberts-Orr House and the Watford Farm, as defined in 36 CFR Part 800.5(d)(1). By letter dated August 1, 2005, GDOT provided three copies of the final archaeological survey report for Georgia HPD's files.

Endangered Species: Pursuant to Section 7(c) of the Endangered Species Act of 1973, as amended (16 U.S.C. 1531 *et seq.*), we request information from the US Department of the Interior, Fish and Wildlife Service; and the US Department of Commerce, National Oceanic and

Atmospheric Administration and National Marine Fisheries Service; or, any other interested party, on whether any species listed or proposed for listing may be present in the area.

By letter dated August 11, 2009, the US Fish and Wildlife Service stated that they concurred with GDOT's determination that impacts to streams along the proposed project corridor were unavoidable and necessary to implement the widening and relocation of SR 347/Friendship Road; and that the mitigation proposal to purchase stream and restoration credits from an approved stream mitigation bank meets the provisions of the Fish and Wildlife Coordination Act (48 U.S.C. 661 *et. seq.*).

Public Interest Review: The decision whether to issue a permit will be based on an evaluation of the probable impact including cumulative impacts of the proposed activity on the public interest. That decision will reflect the national concern for both protection and utilization of important resources. The benefit, which reasonably may be expected to accrue from the proposal, must be balanced against its reasonably foreseeable detriments. All factors, which may be relevant to the proposal will be considered including the cumulative effects thereof; among those are conservation, economics, aesthetics, general environmental concerns, wetlands, historic properties, fish and wildlife values, flood hazards, flood plain values, land use, navigation, shoreline erosion and accretion, recreation, water supply and conservation, water quality, energy needs, safety, food and fiber production, mineral needs, considerations of property ownership and, in general, the needs and welfare of the people.

Consideration of Public Comments: The US Army Corps of Engineers is soliciting comments from the public; federal, state, and local agencies and officials; Native American Tribes; and other interested parties in order to consider and evaluate the impacts of this proposed activity. Any comments received will be considered by the US Army Corps of Engineers to determine whether to issue, modify, condition or deny a permit for this proposal. To make this decision, comments are used to assess impacts on endangered species, historic properties, water quality, general environmental effects, and the other public interest factors listed above. Comments are used in the preparation of an Environmental Assessment and/or an Environmental Impact Statement pursuant to the National Environmental Policy Act. Comments are also used to determine the need for a public hearing and to determine the overall public interest of the proposed activity.

Application of Section 404(b)(1) Guidelines: The proposed activity involves the discharge of dredged or fill material into the waters of the United States. The Savannah District's evaluation of the impact of the activity on the public interest will include application of the guidelines promulgated by the Administrator, Environmental Protection Agency, under the authority of Section 404(b) of the Clean Water Act.

Public Hearing: Any person may request, in writing, within the comment period specified in this notice, that a public hearing be held to consider this application for a Department of the Army Permit. Requests for public hearings shall state, with particularity, the reasons for

requesting a public hearing. The decision whether to hold a public hearing is at the discretion of the District Engineer, or his designated appointee, based on the need for additional substantial information necessary in evaluating the proposed project.

Comment Period: Anyone wishing to comment on this application for a Department of the Army Permit should submit comments in writing to the Commander, US Army Corps of Engineers, Savannah District, Attention: Ms. Mary E. Dills, 1590 Adamson Parkway, Suite 200, Morrow, Georgia 30260-1777, no later than 30 days from the date of this notice. Please refer to the applicant's name (Georgia Department of Transportation) and the application number (SAS-2011-00705 / PI #162430) in your comments.

If you have any further questions concerning this matter, please contact Ms. Mary E. Dills, Project Manager, Piedmont Branch, at (678) 422-2727.

#### 5 Enclosures

1. Figure 1: Project Location Map
2. Figure 2: Site Topographic Map (3 pages)
3. Figure 4: Jurisdictional Waters Map (10 pages)
4. Table 1: Summary of Jurisdictional Wetlands
5. Table 2: Summary of Non-Wetland Waters of the US ((4 pages)

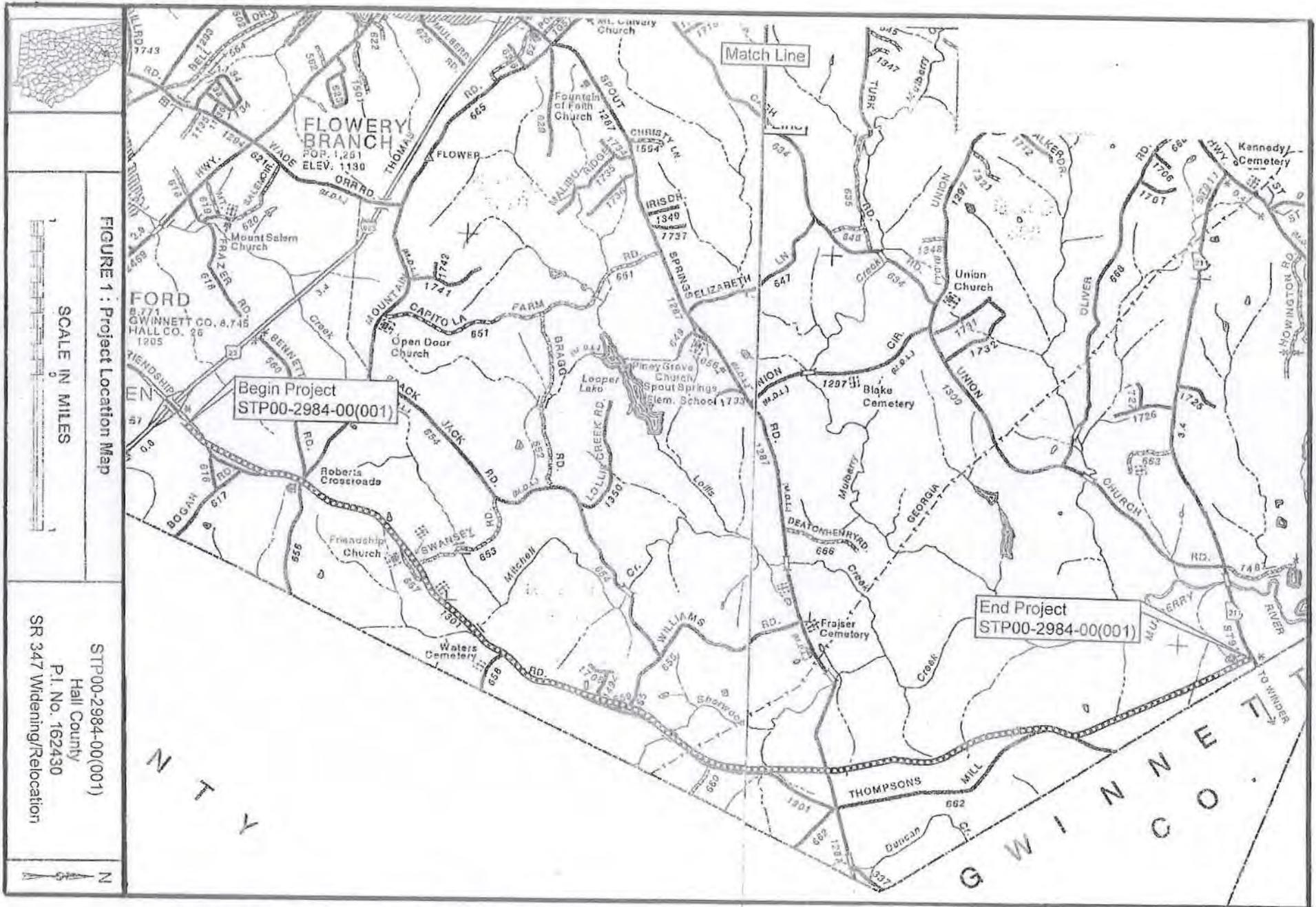
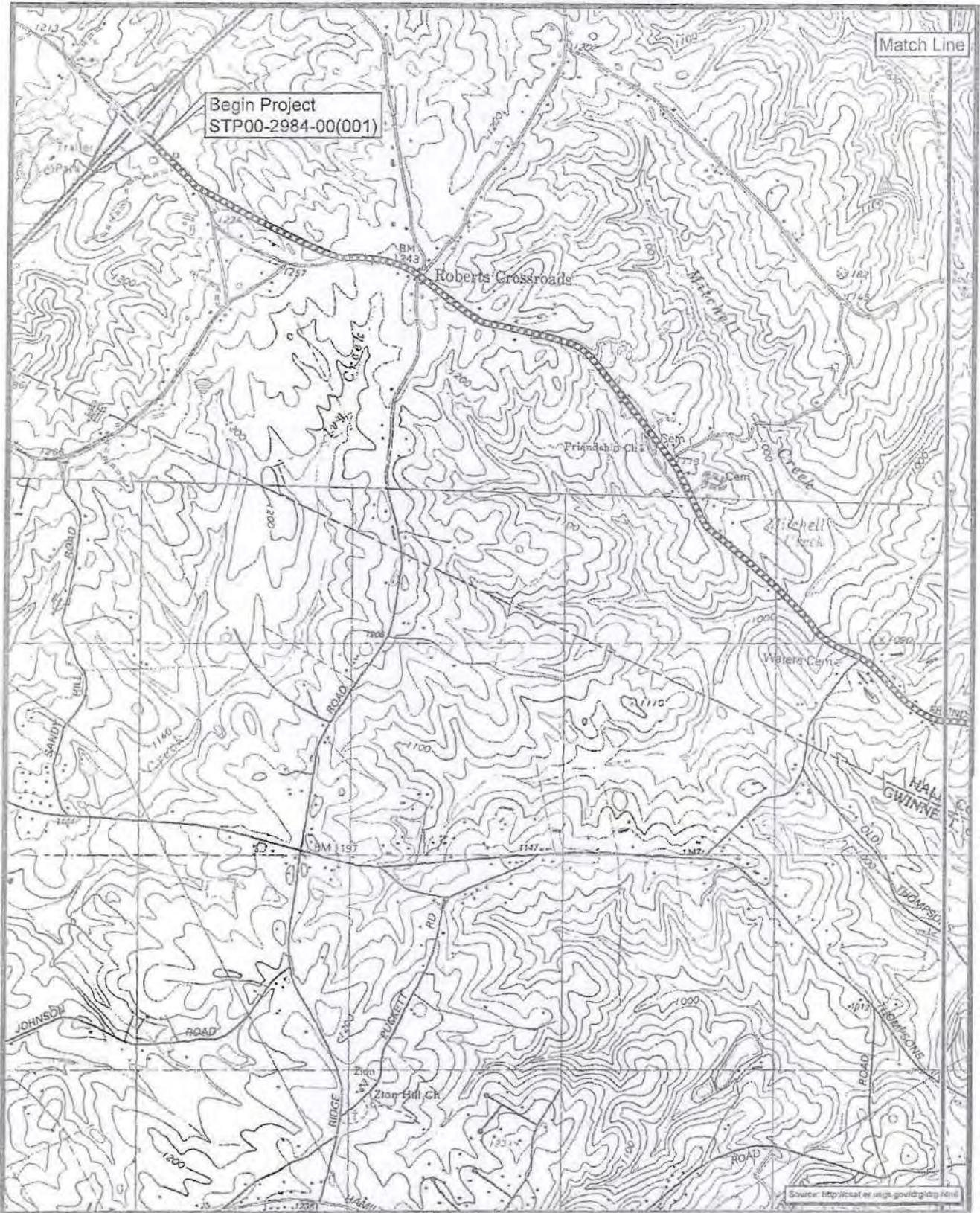


FIGURE 1 : Project Location Map

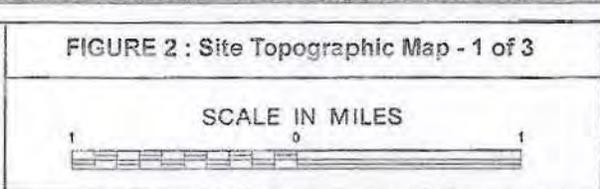
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STP00-2984-00(001)  
 Hall County  
 P.I. No. 162430  
 SR 347 Widening/Relocation

201100705 Encl 1: Fig 1: Project Location Map



201100705 Encl 2: Fig. 2: Site Topographic Map (3 pages)

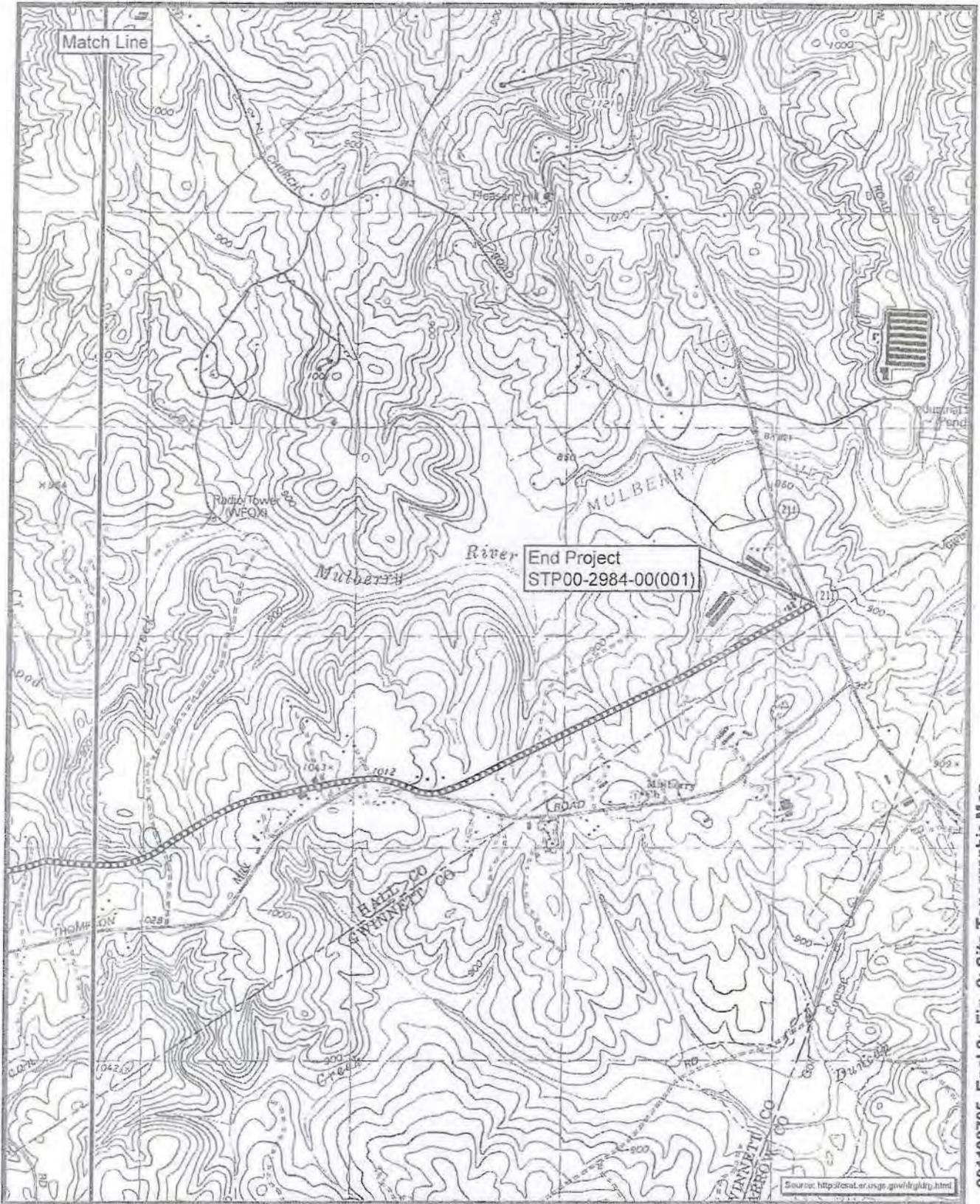


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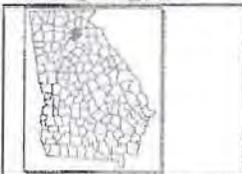


201100705 Encl 2: Fig. 2: Site Topographic Map (3 pages)

	<p><b>FIGURE 2 : Site Topographic Map - 2 of 3</b></p>	<p>STP00-2984-00(001) Hall County P.I. No. 162430 SR 347 Widening/Relocation</p>	<p>N</p>
<p>SCALE IN MILES</p>			



201100705 Encl 2: Fig. 2: Site Topographic Map (3 pages)



**FIGURE 2 : Site Topographic Map - 3 of 3**

SCALE IN MILES

A horizontal scale bar with markings at 0 and 1 mile.

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Table 1. Summary of Jurisdictional Wetlands

Wetland	Cowardin Classification	Water Regime	Drainage Association	Description	Area and Type of Temporary Impact (acres)	Area and Type of Permanent Impact (acres)
W/L 4	PFO1B	Saturated	Stream 3; Mitchell Creek	Medium quality forested slough, inundated, low chroma soils.	0.00	0.00
W/L 6	PFO1C/PSS1C	Seasonally flooded	Stream 5	Low quality forested/shrub scrub wetland; overflow from Stream 5.	0.00	0.28
W/L 11	PFO1B	Saturated	Stream 10; Sherwood Creek	Low quality, small forested wetland, heavily impacted by vehicles.	Clear 0.03	Fill 0.22
W/L 14c	PSS1B	Saturated	Stream 14b; Sherwood Creek	Very small, high quality shrub scrub wetland; saturation at 8 inches, low chroma soils and depressed hydrology.	0.00	Fill 0.003
W/L 18a	PFO1B	Saturated	Stream 18; Mulberry River	Forested within the ROW corridor, but emergent beyond; saturated at the surface, oxidized root channels.	0.00	0.00
<b>Total Wetland Impacts</b>					<b>0.03</b>	<b>0.503 acre</b>

Table 2. Summary of Non-Wetland Waters of the U.S.

Stream	Drainage Association	HUC #	303 (d) List	Lost Type	Description	Length (feet) Type of Temporary Impact	Length (feet) Type of Permanent Impact
Stream 1a	Ivy Creek	03130001	No	Intermittent	Somewhat impaired; 1 ft wide, less than 1 ft deep; water depth = 2 in or less; silty clay substrate; mixed pine hardwood buffer; SBV required.	0.0	0.0
Stream 1b	Ivy Creek	03130001	no	Intermittent	Somewhat impaired; 2-3 ft wide, 4-5 ft tall banks; water depth = 1 in.; silty sand substrate; mixed hardwood/pine buffer; factors affecting quality include runoff from adjacent roadway and lack of vegetative buffer near the roadway.	0.0	55 ft pipe 15 ft rip rap 70.0
Stream 1	Mitchell Creek	03070101	no	Intermittent	Somewhat impaired; 2-3 ft wide, 4-8 ft tall banks; water depth = 2 in.; gravel, cobblestone and bedrock substrate; hardwood buffer; impairment due to incised banks, SBV required.	0.0	460 ft pipe 90 ft fill 550.0
Stream 2	Mitchell Creek	03070101	no	Perennial	Somewhat impaired; 15-25 ft wide, 2-6 ft tall banks, water depth = 2-12 in.; sand and gravel substrate; hardwood buffer; factors affecting quality include discharge of untreated storm water from adjacent roadway, scouring and bank erosion at road crossing, piping, a large quantity of silt deposition in stream channel, and presence of mid-channel bars.	0.0	110 ft pipe 103 ft rip rap 44 ft fill 262.0
Stream 3	Mitchell Creek	03070101	no	Intermittent	Fully functional; 2-6 ft wide, 2-5 ft tall banks; water depth = 1-2 in.; sand substrate; mixed hardwood/pine buffer, SBV required.	0.0	fill 108.0
Stream 5	Mitchell Creek	03070101	no	Intermittent	Fully impaired; 3-5 ft wide, 1-3 ft tall banks; water depth = 1-2 in.; sand and silt substrate; hardwood/pine buffer; factors affecting quality include discharge of untreated storm water from adjacent roadway, large quantity of silt deposition, approximately 300 ft of piping, and an absent or degraded riparian buffer; SBV required.	0.0	283 ft pipe 27 ft rip rap 10 ft fill 320

201100705 Encl 5: Table 2: Summary of Non-Wetland Waters of US (4 pages)

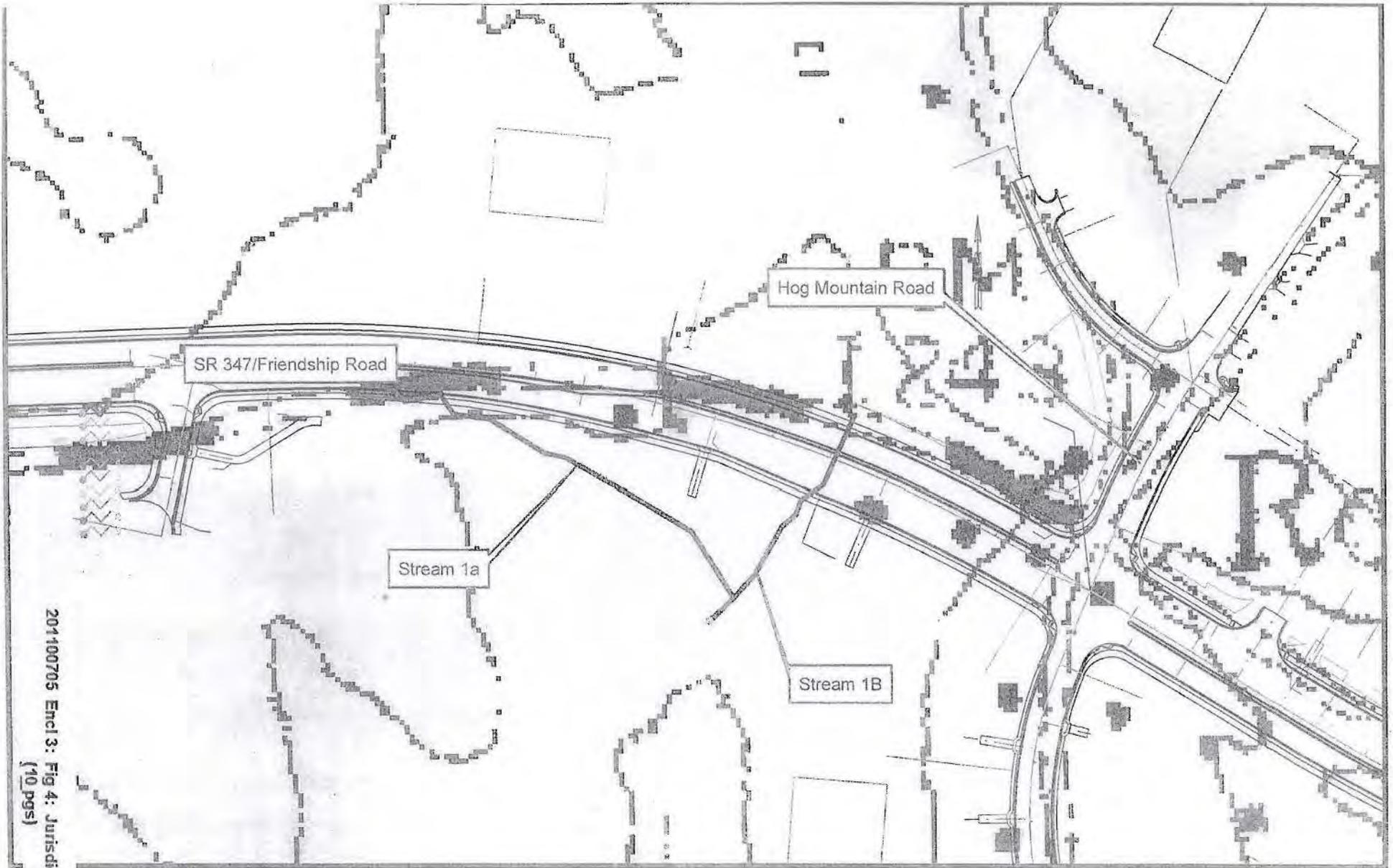
Stream	Drainage Association	HUC #	303 (d) List	Lost Type	Description	Length (feet) Type of Temporary Impact	Length (feet) Type of Permanent Impact
Stream 7	Sherwood Creek	03070101	no	Perennial	Somewhat impaired; 15-30 ft wide, 6-12 ft tall banks; water depth = 2 in.; sand and silt substrate; factors affecting quality include discharge of untreated storm water from adjacent roadway, and a stacked stone stream bank near the bridge.	0.0	90 ft rip rap 10 ft fill 254 154 ft culvert exit or replace
Stream 8	Sherwood Creek	03070101	no	Intermittent	Somewhat impaired; 3-5 ft wide, 3-4 ft tall banks; water depth = 1-3 in.; sand and silt substrate; mixed hardwood/pine buffer, factors affecting quality include a large quantity of silt deposition in stream channel, and scouring and bank erosion.	0.0	0.0
Stream 9	Sherwood Creek	03070101	no	Intermittent	Somewhat impaired; 5-12 ft wide, 3-4 ft tall banks; water depth = 1-2 in.; sand and silt substrate; mixed hardwood/pine buffer; factors affecting quality include discharge of untreated storm water from adjacent roadway, a large quantity of silt deposition within stream channel, and degraded buffer impacted by construction of new subdivision, SBV required.	0.0	Fill 280
Stream 10	Sherwood Creek	03070101	no	Perennial	Somewhat impaired; 4-8 ft wide, 4-6 ft tall banks; water depth = 2-12 in.; gravel, sand and silt substrate; mixed hardwood/pine buffer; factors affecting quality include discharge of untreated storm water from adjacent roadway, a large quantity of silt deposition within stream channel, and degraded buffer impacted by construction activities.	0.0	176 ft fill 50 ft rip rap 75 ft fill 301
Stream 12	Sherwood Creek	03070101	no	Perennial	Somewhat impaired; 3-4 ft wide, 3-4 ft tall banks; water depth = 1-2 in.; sand and gravel substrate; mixed hardwood/pine buffer; factors affecting quality include discharge of untreated storm water from adjacent roadway, silt deposition within stream channel, piping, and a degraded buffer, SBV required.	0.0	203 ft rip rap 24 ft rip rap 25 ft fill 252

201100705 Encl 5: Table 2: Summary of Non-Wetland Waters of US (4 pages)

Stream	Drainage Association	HUC #	303 (d) List	Lost Type	Description	Length (feet) Type of Temporary Impact	Length (feet) Type of Permanent Impact
Stream 13	Sherwood Creek	03070101	no	Perennial	Somewhat impaired; 5-6 ft wide, 3-4 ft tall banks; water depth = 1-2 in.; sand and gravel substrate; hardwood buffer; factors affecting quality include discharge of untreated storm water from adjacent roadway, extensive piping, and a large quantity of silt deposition within stream channel.	0.0	0.00
Stream 14	Sherwood Creek	03070101	no	Perennial	Somewhat impaired; 5-12 ft wide, 3-4 ft tall banks; water depth = 1-2 in.; sand and gravel substrate; hardwood/pine buffer; factors affecting quality include piping and degraded buffer impacted by construction activities.	0.0	0.00
Stream 14a	Sherwood Creek	03070101	no	Perennial	Fully functional; 2-3 ft wide, 3-4 ft tall banks; water depth = 1-4 in.; sand, gravel, and cobble substrate over bedrock; hardwood buffer.	0.0	544 ft fill 446 24 ft riprap 368 ft pipe
Stream 14b	Sherwood Creek	03070101	no	Intermittent	Fully functional; 2-5 ft wide, 1-3 ft tall banks; water depth = 1-4 in.; clay and sand substrate over bedrock; hardwood buffer.	0.0	330 ft pipe 560 230 ft fill
Stream 15	Sherwood Creek	03070101	no	Intermittent	Somewhat impaired; 3-4 ft wide, 5-12 ft tall banks; water depth = 1-2 in.; sand and gravel substrate; mixed hardwood/pine buffer; factors affecting quality include discharge golf course; SBV required.	0.0	150 ft pipe 50 ft riprap 205 5 ft fill
Stream 16	Sherwood Creek	03070101	no	Perennial	Fully functional; 1-2 ft wide, 2-3 ft tall banks; water depth = 1-2 in.; sand and gravel substrate; mixed hardwood/pine buffer.	0.0	55 ft fill 310 26 ft riprap 229 ft pipe
Stream 16a	Mulberry River	03070101	no	Intermittent	Fully functional; 1-2 ft wide, 2-4 ft tall banks; water depth = 1-2 in.; sand substrate; mixed hardwood/pine buffer.	0.0	27 ft riprap 237 8 ft fill 202 ft pipe
Stream 16b	Mulberry River	03070101	no	Intermittent	Somewhat impaired; 2-3 ft wide, 6-8 ft tall banks; water depth = 6 in.; silt and sand substrate; mixed hardwood/pine buffer; factors affecting quality include severe sedimentation and bank erosion due to land clearing activities - multiple trees have collapsed into the channel, reducing flow of water.	0.0	244 ft pipe 73 ft riprap 328 11 ft fill

201100705 Encl 5: Table 2: Summary of Non-Wetland Waters of US (4 pages)

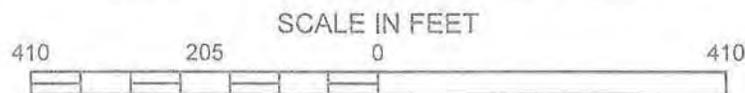
Stream	Drainage Association	HUC #	303 (d) List	Lost Type	Description	Length (feet) Type of Temporary Impact	Length (feet) Type of Permanent Impact
Stream 17	Mulberry River	03070101	no	Perennial	Somewhat impaired; 3-10 ft wide, 4-6 ft tall banks; water depth = 1-3 in.; sand substrate; mixed hardwood/pine buffer; factors affecting quality include silt and sediment deposition via Ephemeral 16c due to land clearing activities upstream.	0.0	432 ft pipe 65 ft riprap 600 103 ft fill
Stream 17a	Mulberry River	03070101	no	Perennial	Fully functional; 3-8 ft wide, 1-3 ft tall banks; water depth = 1-3 in.; sand, gravel and cobble substrate; mixed hardwood/pine buffer.	0.0	Fill 160
Stream 18	Mulberry River	03070101	no	Perennial	Somewhat impaired; 2-3 ft wide, 2 ft tall banks; water depth = 2-3 in.; sand and small gravel substrate; hardwood/privet buffer on both sides of stream; factors affecting quality include water flowing into stream from adjacent mowed pasture.	0.0	240 cft pipe 30 cft rip rap 270
<b>Total Impacts</b>						<b>0.00 feet</b>	<b>5,513 feet</b>



201100705 Encl 3: Fig 4: Jurisdictional Waters Map (10 pgs)



**Figure 4: Jurisdictional Waters Map - 1**



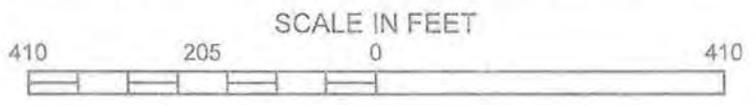
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Hall County  
P.I. 162430  
SR 347 Widening/Relocation**





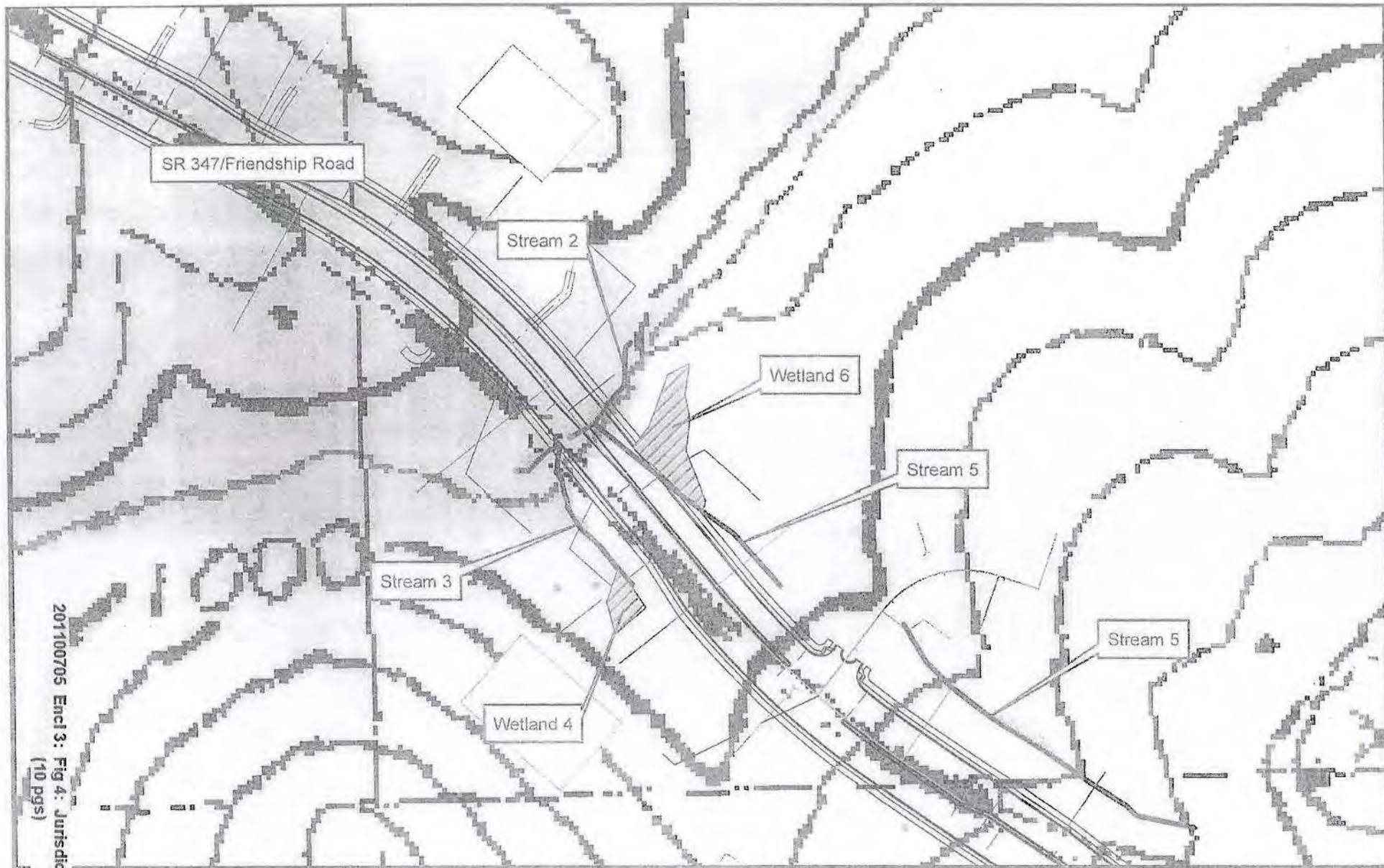
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Figure 4: Jurisdictional Waters Map - 2

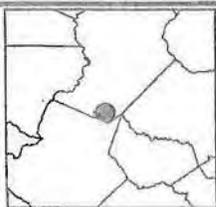


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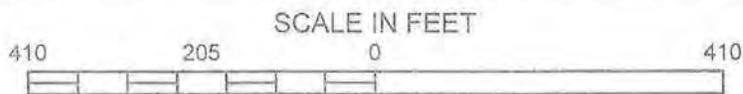




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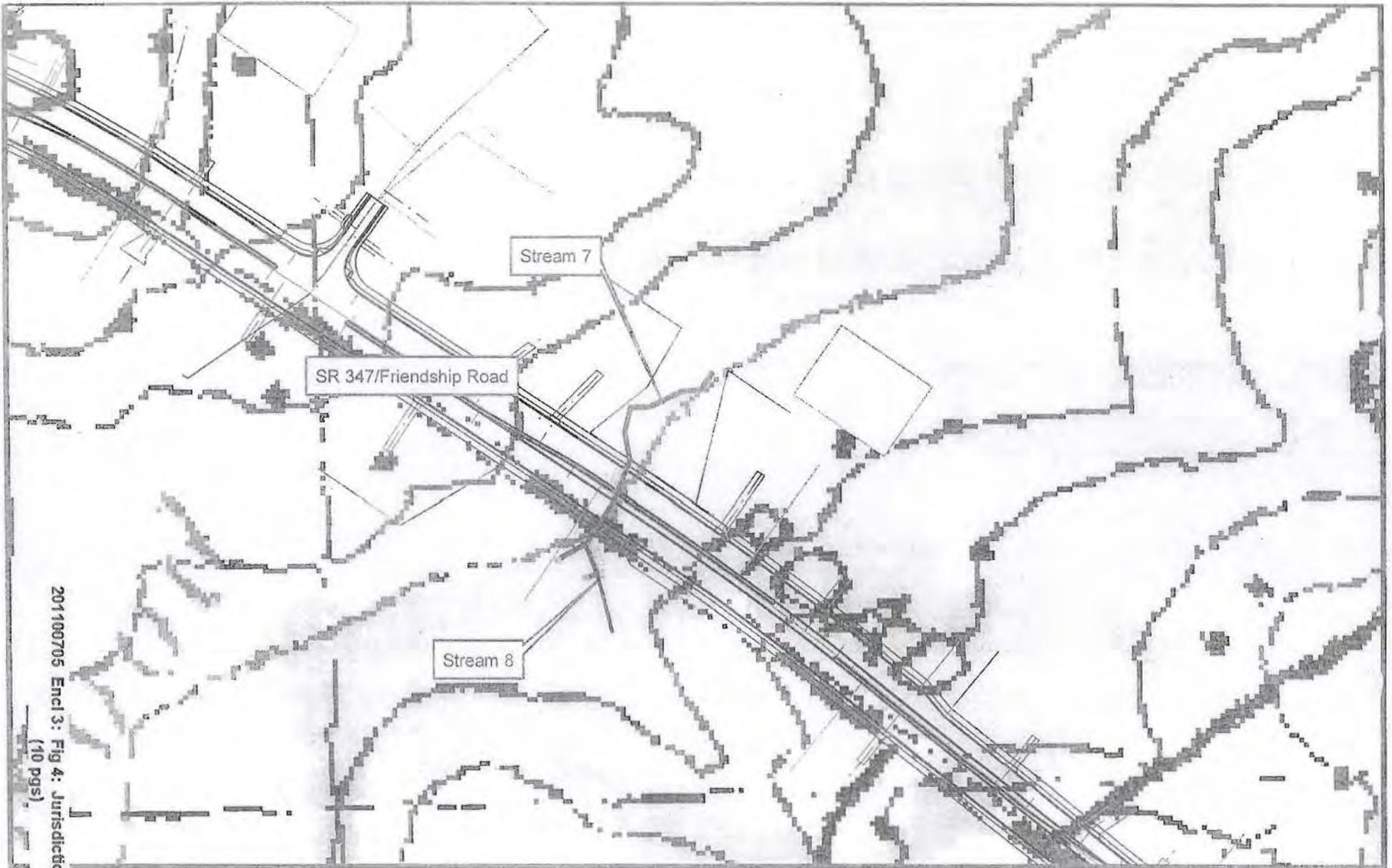


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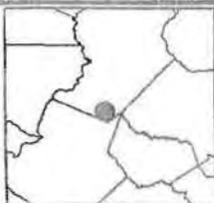


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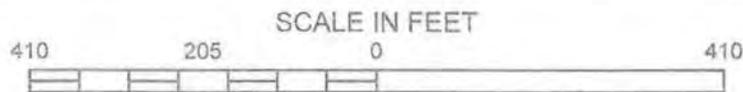




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(10 pgs)

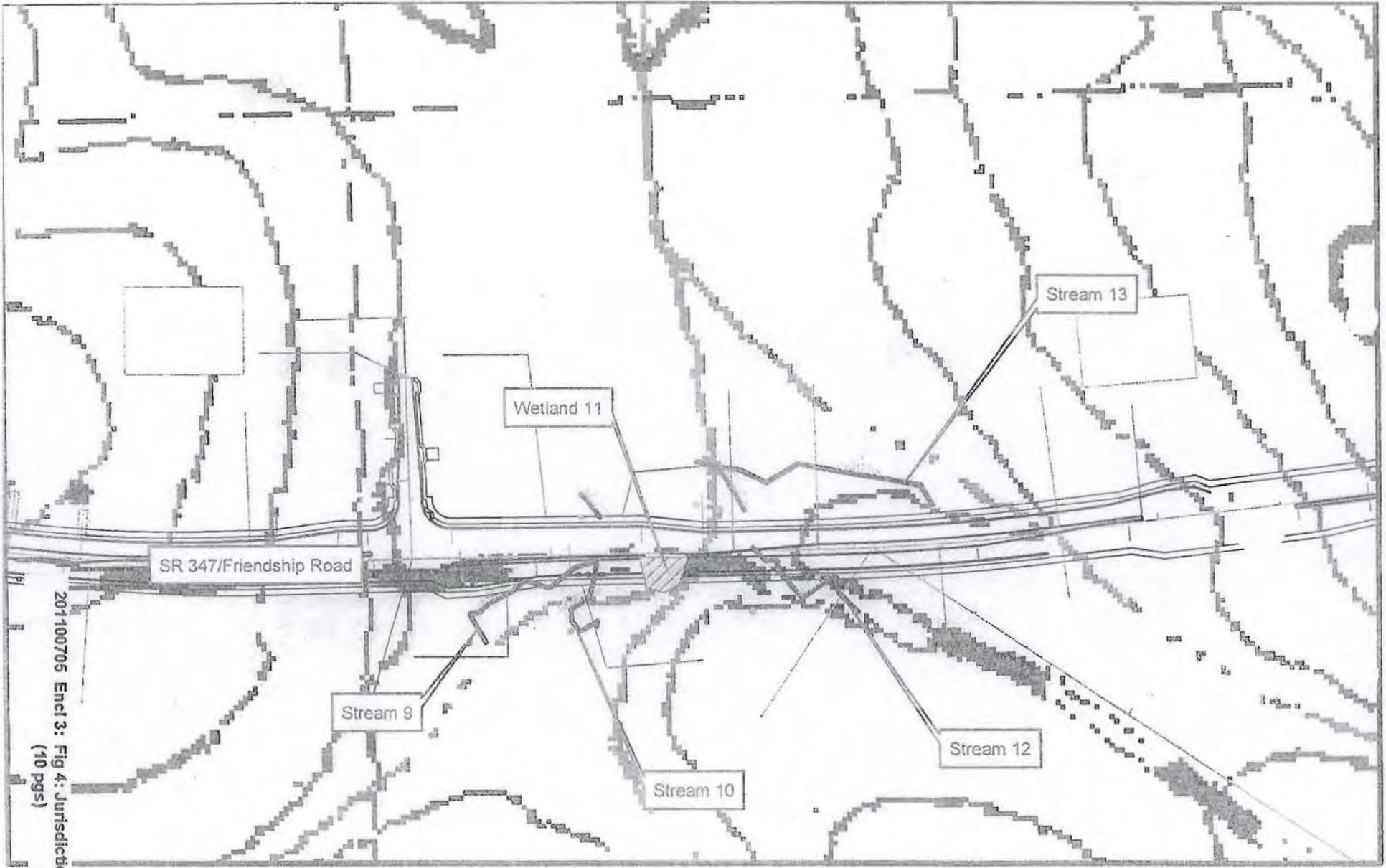


**Figure 4: Jurisdictional Waters Map - 4**

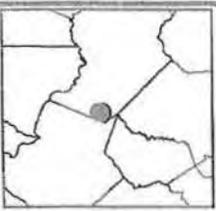


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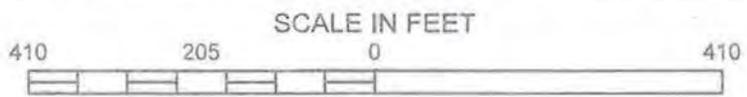




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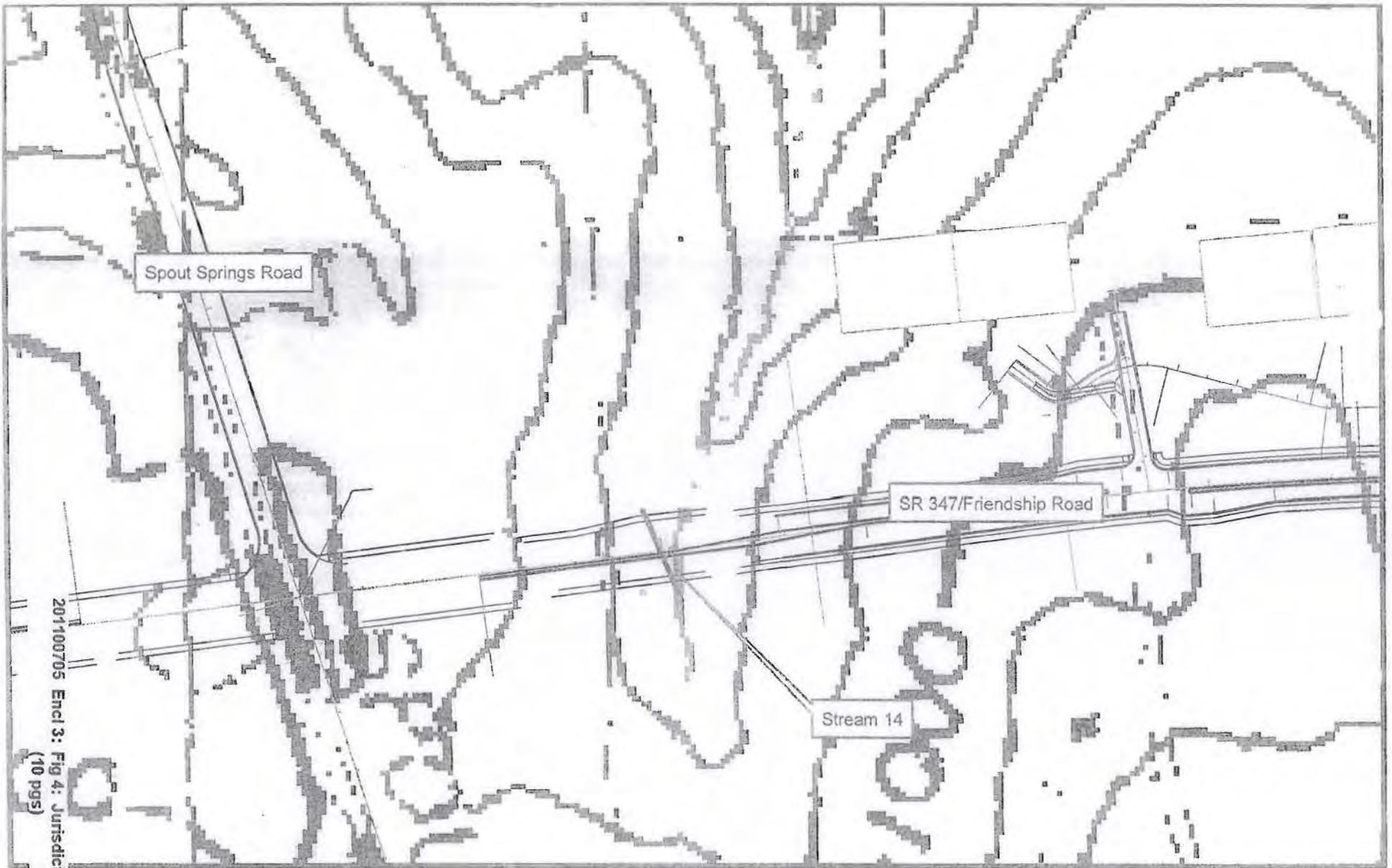


**Figure 4: Jurisdictional Waters Map - 5**



**STP00-2984-00(001)**  
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**P.I. 162430**  
**SR 347 Widening/Relocation**

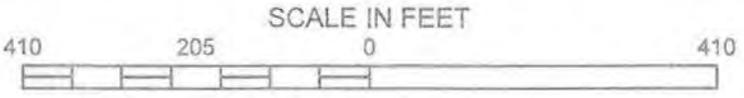




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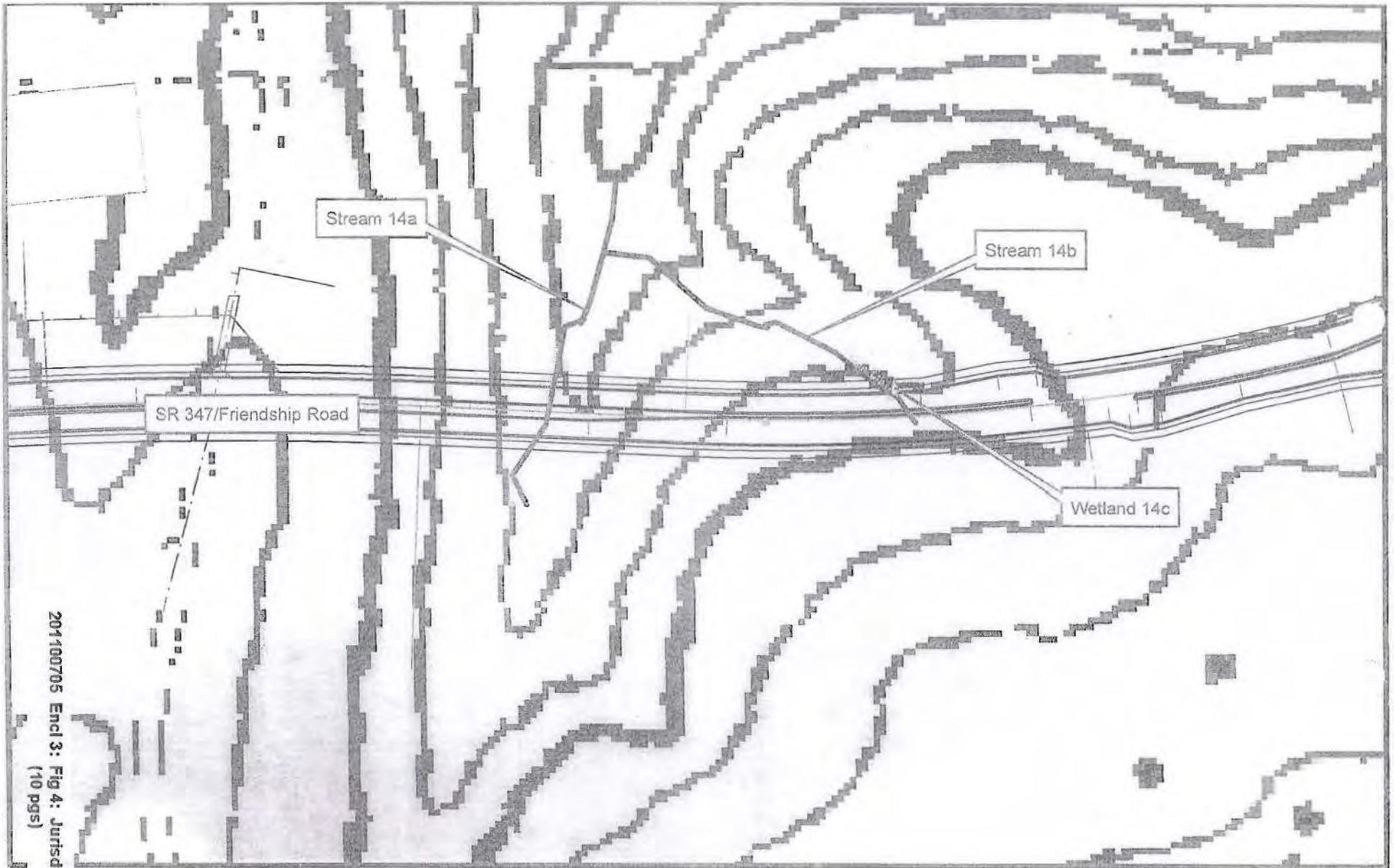


**Figure 4: Jurisdictional Waters Map - 6**



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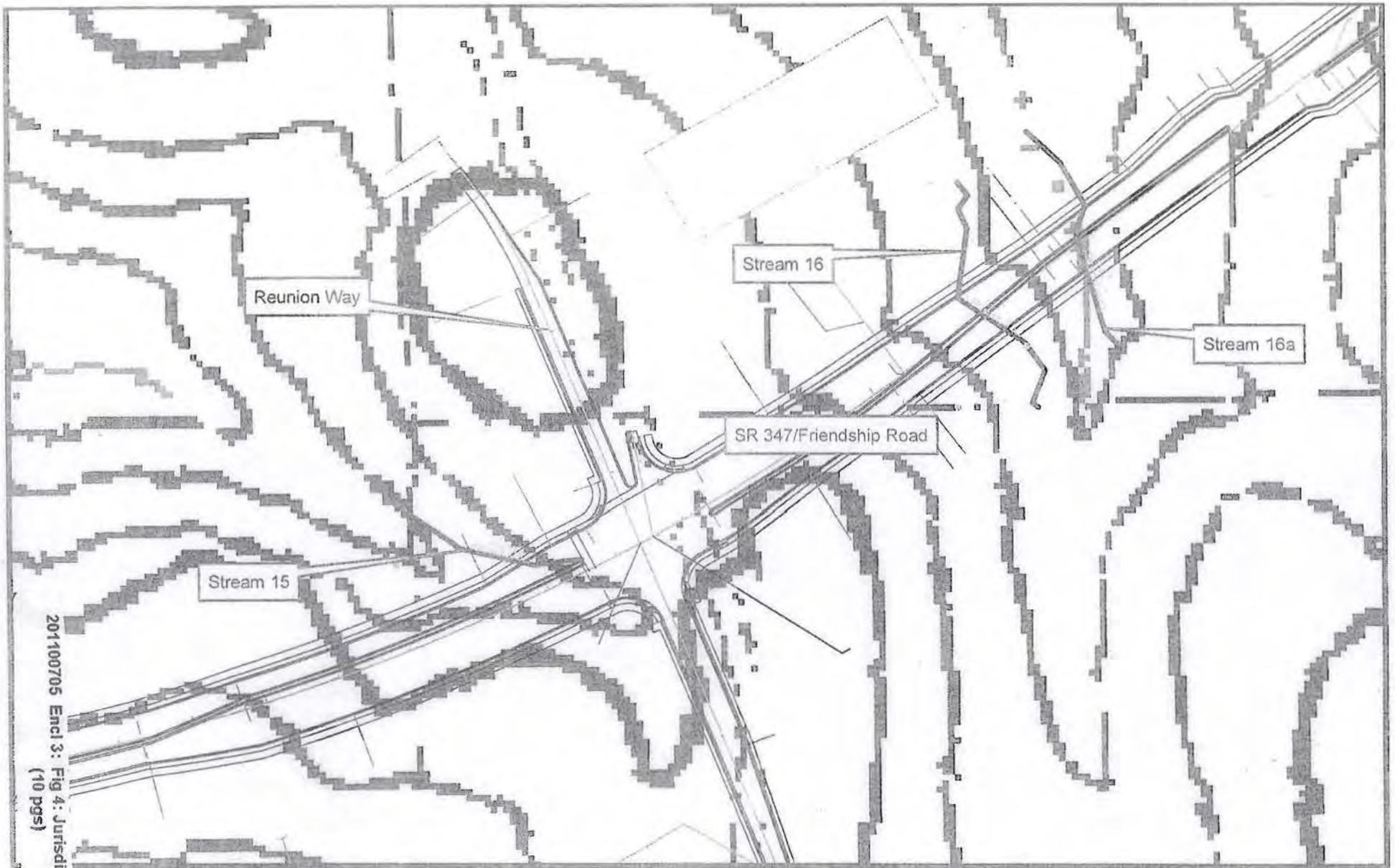
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Figure 4: Jurisdictional Waters Map - 7



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201100705 Encl 3: Fig 4: Jurisdictional Waters Map (10 pgs)

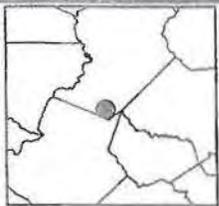
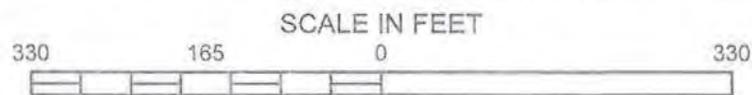
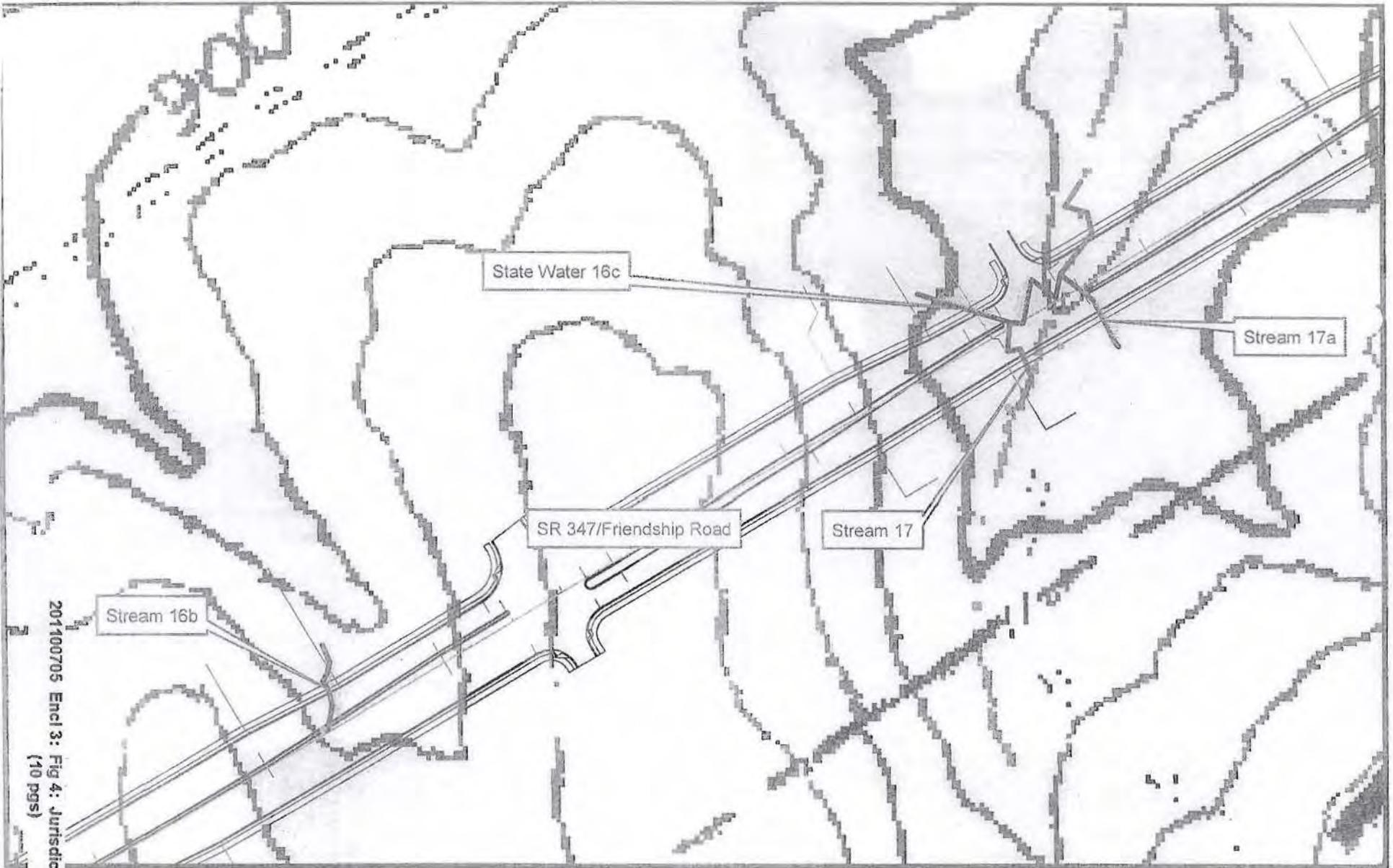


Figure 4: Jurisdictional Waters Map - 8



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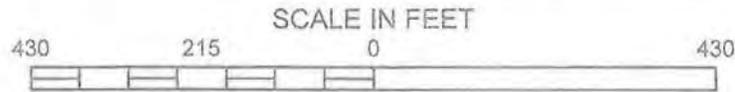




201100705 Encl 3: Fig 4: Jurisdictional Waters Map (10 pgs)

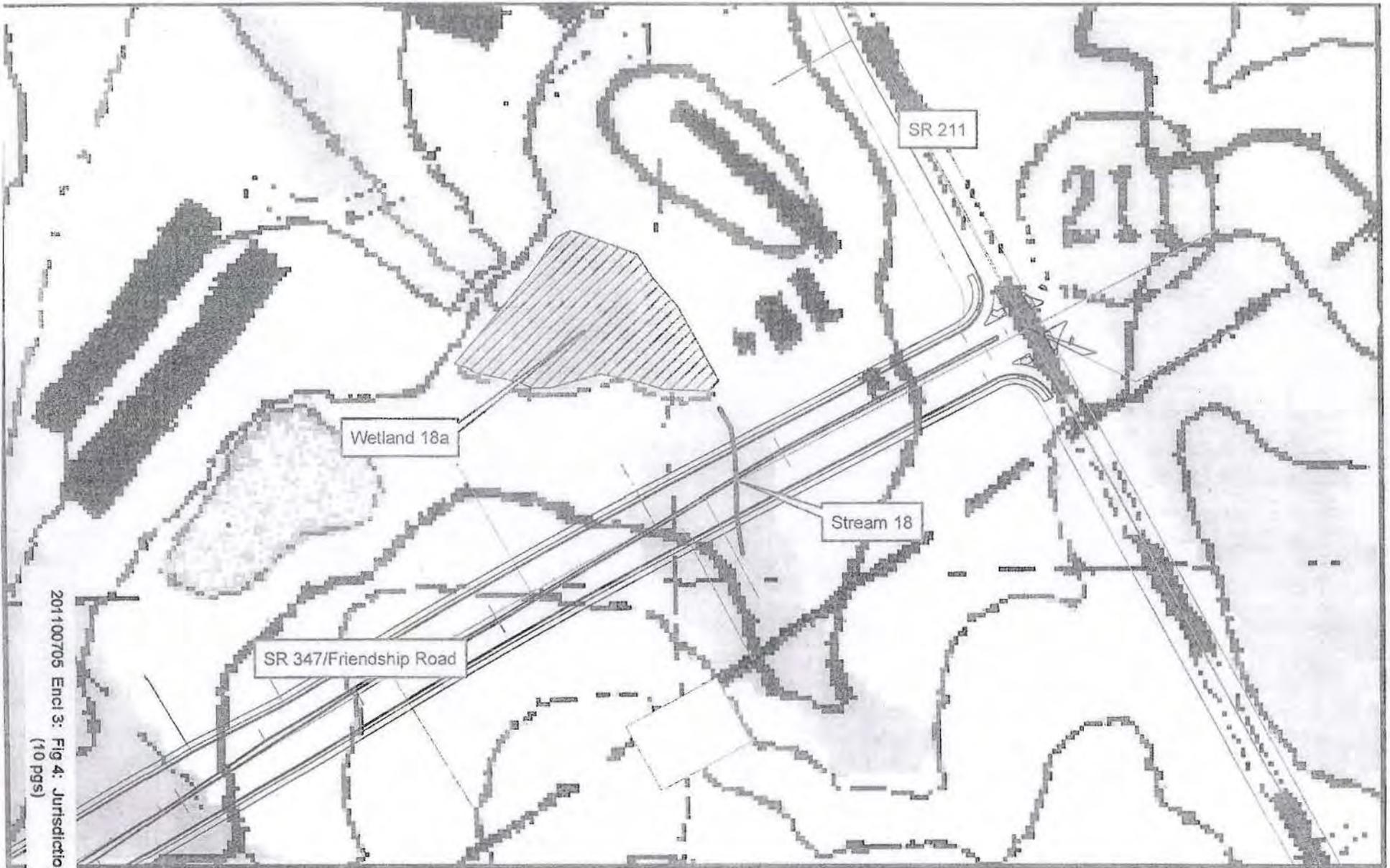


**Figure 4: Jurisdictional Waters Map - 9**

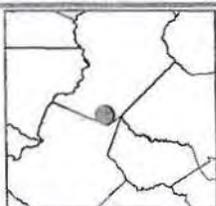


**STP00-2984-00(001)**  
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**P.I. 162430**  
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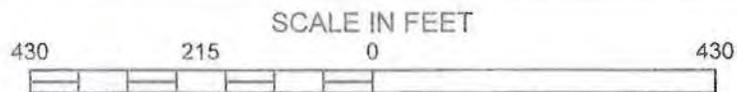




201100705 Encl 3: Fig 4: Jurisdictional Waters Map (10 PGS)



**Figure 4: Jurisdictional Waters Map - 10**



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