



REPLY TO
ATTENTION OF:

DEPARTMENT OF THE ARMY
SAVANNAH DISTRICT, CORPS OF ENGINEERS
100 W. OGLETHORPE AVENUE
SAVANNAH, GEORGIA 31401-3604

JANUARY 4 2016

Regulatory Division
SAS-2006-01206

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-2006-01206

Applicant: Central Virginia Properties, LLC.
100 Dunbar Street, Suite 104
Spartanburg, South Carolina 29306

Agent: Mr. Brandon F. Smith
Hodges, Harbin, Newberry and Tribble, Inc. (HHNT)
17 Park of Commerce Boulevard, Suite 110
Savannah, Georgia 31405

Location of Proposed Work: The 249.84 acres project site is located west of U.S. Highway 301 and south of Broadhurst Road West, 5.6 miles east of the town of Screven, Wayne County, Georgia (Latitude 31.4518, Longitude -81.9247).

Description of Work Subject to the Jurisdiction of the U.S. Army Corps of Engineers:
The applicant, Central Virginia Properties, LLC (CVP), has proposed to discharge dredged or fill material into 24.68 acres of jurisdictional wetlands for the purpose of constructing a rail yard operation, including affiliated attendant features, such as unloading structures, rail car wash down stations, parking, dump truck turnarounds, and employee office. The rail yard would include: 1) a four track yard serviced by the adjoining CSX mainline railroad track; 2) unloading infrastructure capable of servicing both train car gondolas and shipping containers; 3) a wash down/cleaning facility to clean unloaded cars prior to transferring back to CSX; and, 4) haul road infrastructure from the CVP property to the adjoining Broadhurst Environmental Landfill (BEL). Work would be constructed with typical machinery such as backhoes, excavators, graders, dump trucks, etc. Work is planned to commence immediately upon successful issuance of all required permits.

No existing infrastructure currently exists within the existing CVP property. The applicant (CVP) currently has a valid Department of Army permit to discharge fill

material into 5.66 acres of wetland on the northern half of the existing property to construct a smaller rail yard which would be capable of receiving a much smaller volume of rail traffic. The applicant now indicates the volume has greatly increased to 100+ rail cars and the demand to process the increase in tonnage for transfer to the adjacent landfill (BEL) requires an increase in impacts to 24.68 acres of wetlands.

Rail Yard Design Details:

- 1) Rail Yard: The CVP rail yard facility would consist of one lead track closest to the existing CSX mainline that is for storage of a full inbound 100-unit train, which is necessary to clear the entire train immediately off the mainline track. This clearance is necessary due to the use of this mainline by other freight trains and Amtrak passenger service trains. Inclusive of the lead track (rail that leads from the mainline switch to Track 1/Track 2 switch) the required length is 11, 737 linear feet of rail. Three service tracks (Tracks 2, 3 and 4) are required for train moving logistics, maintenance, and Municipal Solid Waste (MSW) unloading track. Specifically, the 9,009 foot long Track 2 is for storage of cleaned, outbound trains to be recollected by CSX. Track 3 is 6,456 linear feet long and is required as a rail car maintenance and storage track and MSW unloading track. Track 4 is 8,708 linear feet long and it would be the primary railcar unloading track which will be flanked by dump truck haul roads and staging areas, as well as a wash down/cleaning operation of the empty rail cars.
- 2) Unloading Facility: An unloading pad would be constructed around Tracks 3 and 4. The pad would be approximately 150 feet by 200 feet in size and would be large enough to accommodate at least two 65 foot long, gondola rail cars on each track and elevated unloading platform and equipment. Coal Combustion Residuals (CCR) material would be removed from the rail cars by excavators located above the rail cars on platforms and subsequently placed in dump trucks. MSW unloading would take place between tracks 2 and 3 where shipping containers would be removed from the train via a forklift and placed onto a specialized container carrier truck.
- 3) Cleaning Station: The CVP cleaning stations would consist of wash water collection trays and pads under and next to the rail cars. These trays and pads would collect wash water and remaining waste residue, which would be treated as contact water. The contact water would be piped and pumped to three sequential settling tanks. Liquid from the settling tanks would be recycled to wash additional rail cars. Any water that cannot be reused would be transported to a publically owned treatment works facility.

The applicants stated purpose of the proposed project is to establish a rail yard complex that will accommodate CCR and other non-hazardous waste streams, including municipal solid waste that can be transported via rail to an approved lined (Subtitle D) landfill for proper disposal. The applicants stated need for the proposed

project is to provide a safe and economical method to transport any non-hazardous waste requiring proper disposal.

The applicant did consider on-site and off-site alternatives. Applicant considered four off-site alternatives would require the purchase of property that was large enough to accommodate a four track ladder yard that measured 11,737 linear feet and was within 4-5 miles of BEL and direct main rail line access. Applicant indicates these alternatives would not be practicable because of logistical reasons and all had greater wetland impacts.

The applicant considered four on-site alternatives that involved alternative build designs and layouts (as indicated on the enclosed maps/plans) in order to attempt avoiding and minimizing impacts to aquatic resources, as well as a “no action alternative”. These on-site alternative lay outs were all rejected for further consideration by the applicant because they had larger impacts to wetlands.

In order to offset the unavoidable impacts to aquatic resources, the applicant proposes to purchase wetland mitigation credits from the Wilkinson-Oconee Wetland Mitigation Bank. The impact site is located within the primary service area of this bank.

BACKGROUND

This Joint Public Notice announces a request for authorizations from both the U.S. 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, 2 MLK Jr. Drive, Suite 418, Atlanta, Georgia 30334, during regular office hours. A copier machine is available for public use at a charge of 10 cents per page. All coastal projects are filed at our Brunswick office and will need to be requested from Mr. Bradley Smith at Bradley.Smith@dnr.ga.gov. 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 Savannah District, U.S. Army Corps of Engineers, Regulatory Division, 100 W. Oglethorpe Avenue, Savannah, Georgia 31401-3604.

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

U.S. 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: Review of the latest published version of the National Register of Historic Places indicates that no registered properties or properties listed as eligible for inclusion are located at the site or in the area affected by the proposed work. Presently unknown archaeological, scientific, prehistorical or historical data may be located at the site and could be affected by the proposed work.

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 U.S. Department of the Interior, Fish and Wildlife Service, the U.S. Department of Commerce, National Oceanic and Atmospheric Administration, National Marine Fisheries Service; or, any other interested party, on whether any species listed or proposed for listing may be present in the area.

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 U.S. 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 U.S. 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, U.S. Army Corps of Engineers, Savannah District, Attention: John W. Derinzy, 100 W. Oglethorpe Avenue, Savannah, Georgia 31401-3604, no later than 30 days from the date of this notice. Please refer to the applicant's name and the application number in your comments.

If you have any further questions concerning this matter, please contact Mr. John Derinzy, Regulatory Specialist, Coastal Branch at 912-652-5051.

Enclosures:

1. Project Location Maps (Figures 1-5)
2. Applicant Preferred Alternative Maps (Figure 6-6d)
3. Offsite Alternative 1 Maps (Figure 7-7d)
4. Offsite Alternative 2 Maps (Figure 8a-8d)
5. Offsite Alternative 3 Maps (Figure 9a-9d)
6. Offsite Alternative 4 Maps (Figure 10a-10d)
7. Onsite Alternative Maps (Figure 11-14)
8. Waste Transfer Station Schematic (Sheet 1 of 1)

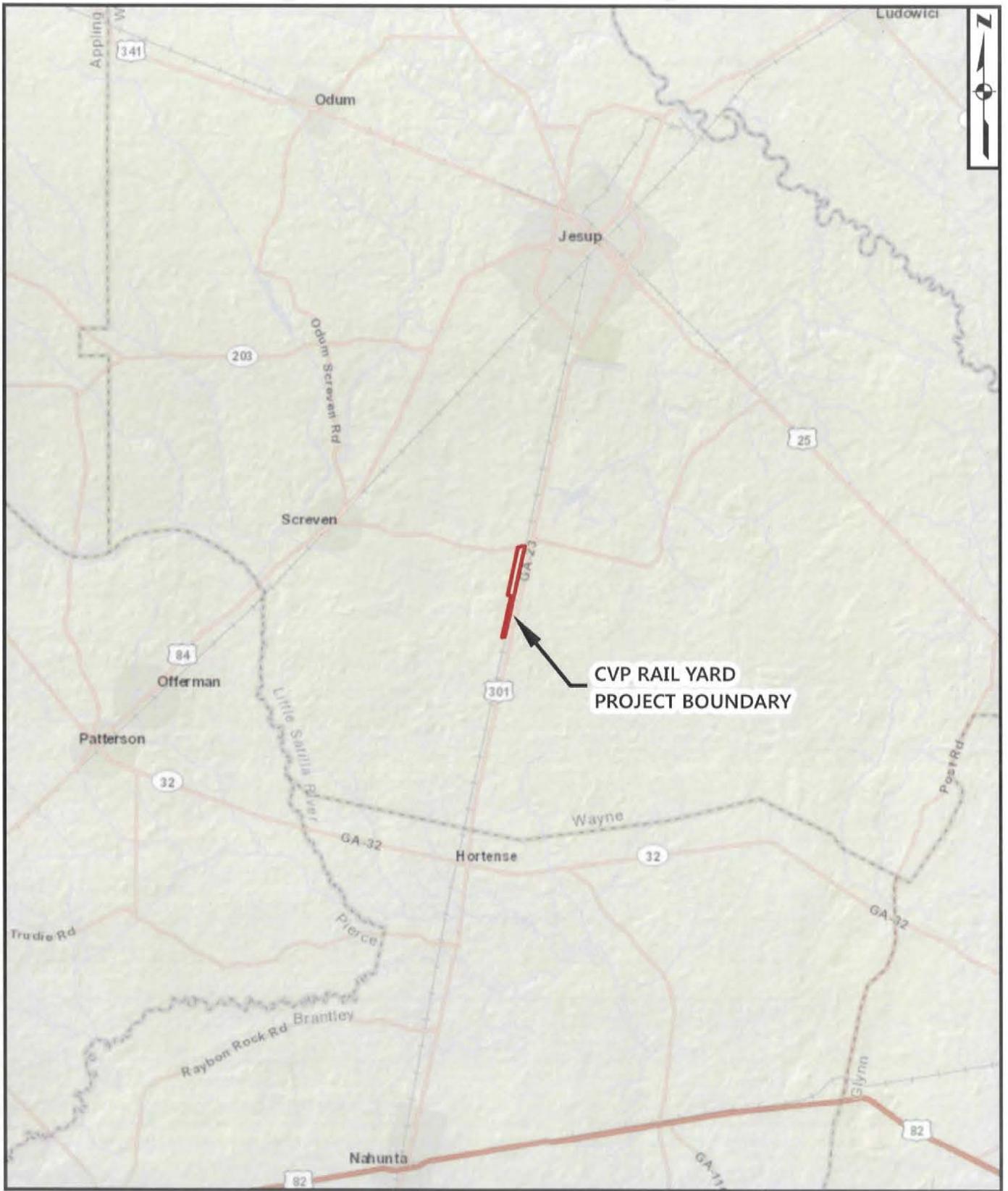
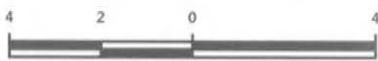


Figure 1 - Vicinity Map

Date: 12/7/2015



GRAPHIC SCALE IN MILES

Preferred Alternative
CVP Rail Yard Project

Wayne County, Georgia

HHNT

HODGES, HARBIN,
NEWBERRY & TRIBBLE, INC.

Consulting Engineers

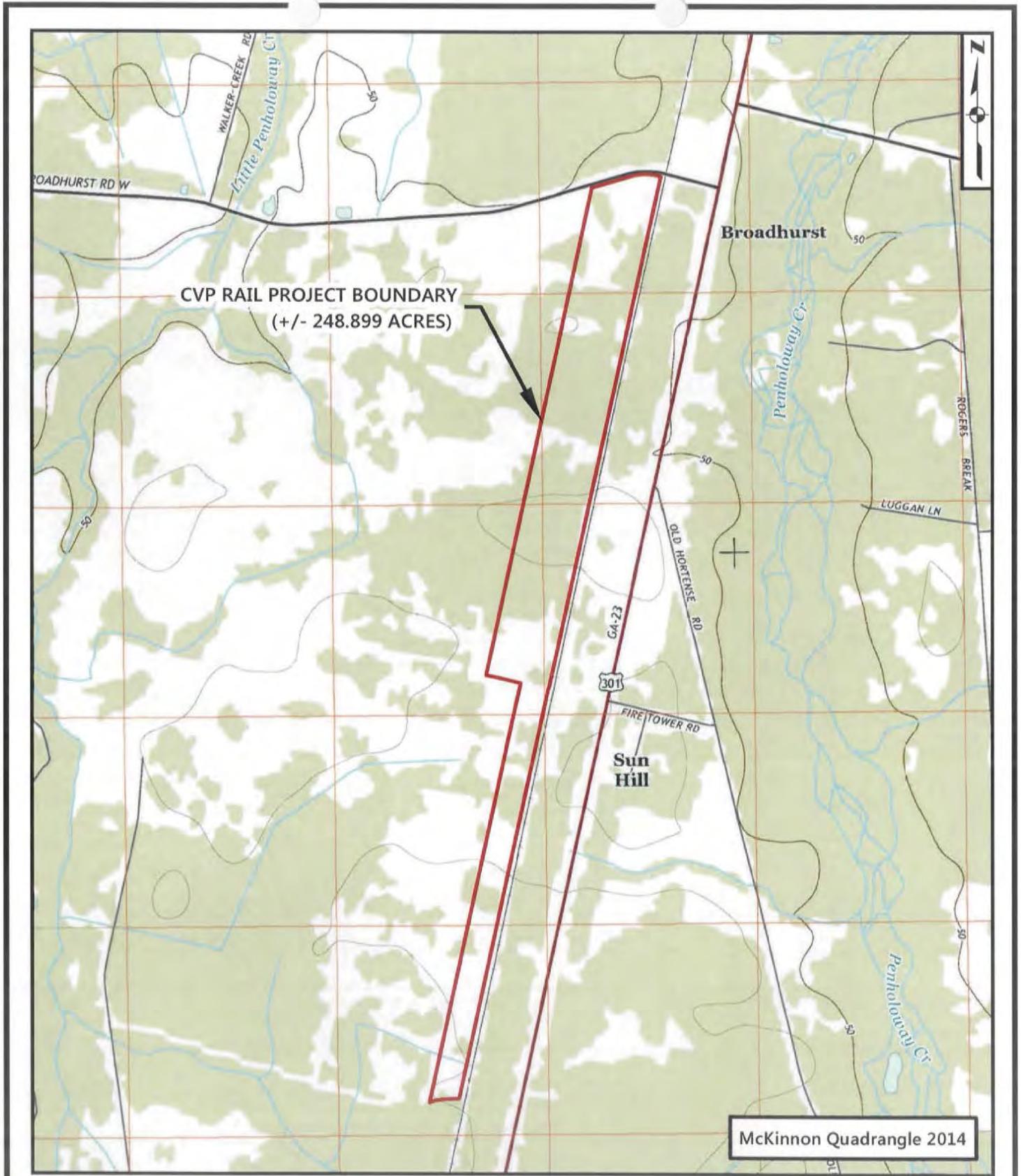
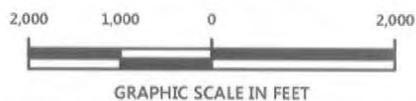


Figure 2- US Topo Map

Date: 12/7/2015



Preferred Alternative
CVP Rail Yard Project

Wayne County, Georgia

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Legend

- Project Boundary
- Avp - Wet alluvial sand (kinston)
- GnA - Goldsboro (stilson) loamy sand, thick surface, 0 to 2 percent slopes
- KiA - Klej (leefield) sand, shallow, 0 to 2 percent slopes
- LzA - Lynchburg (leefield) loamy sand, thick surface, 0 to 2 percent slopes
- ObA - Ona (olustee) sand
- PeA - Plummer soils
- RfA - Rains (pelham) loamy sand, thick surface
- RkA - Rutledge (surrency) sand

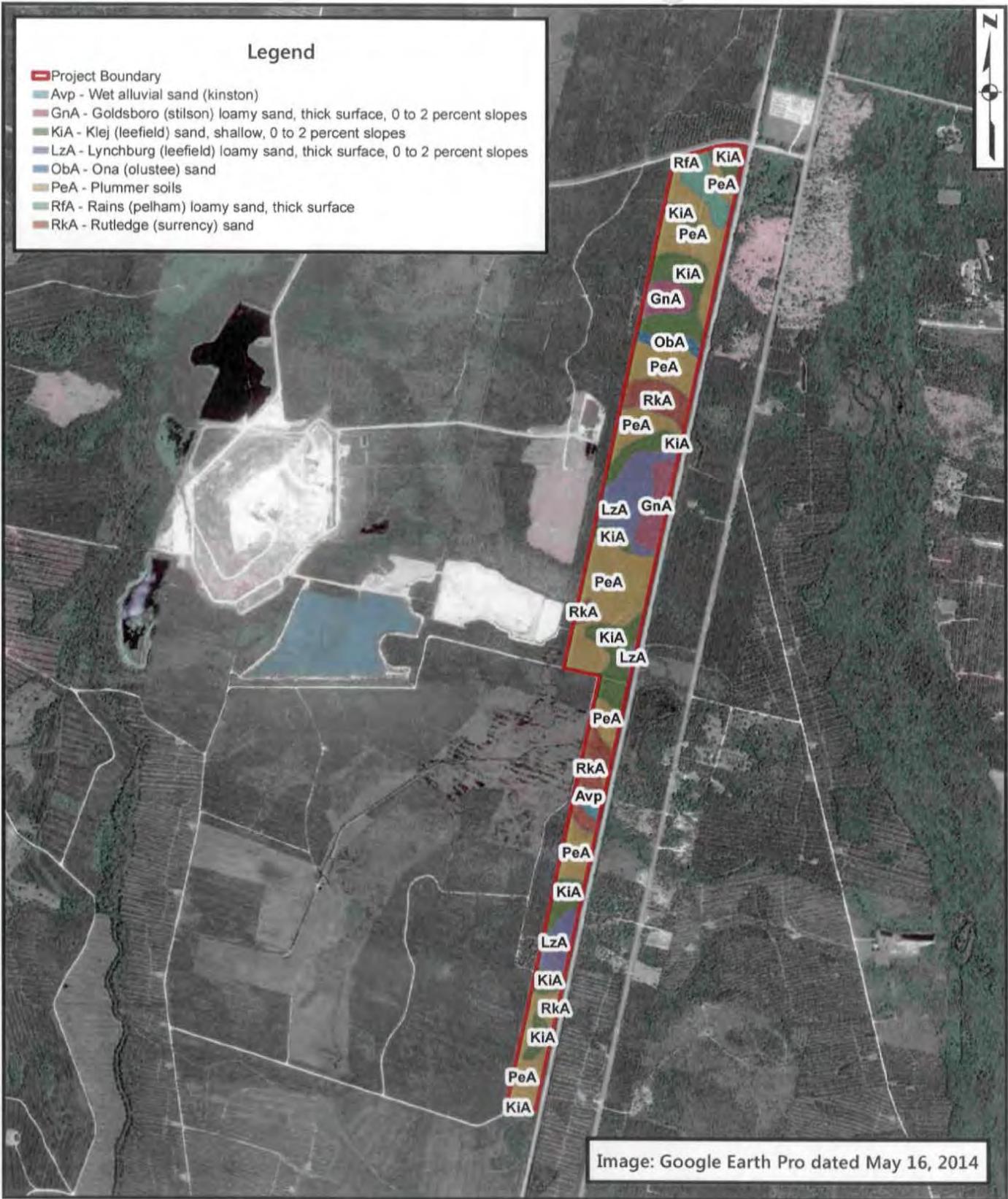


Figure 3- Soil Map

Date: 12/7/2015

2,000 1,000 0 2,000



GRAPHIC SCALE IN FEET

Preferred Alternative
CVP Rail Yard Project

Wayne County, Georgia

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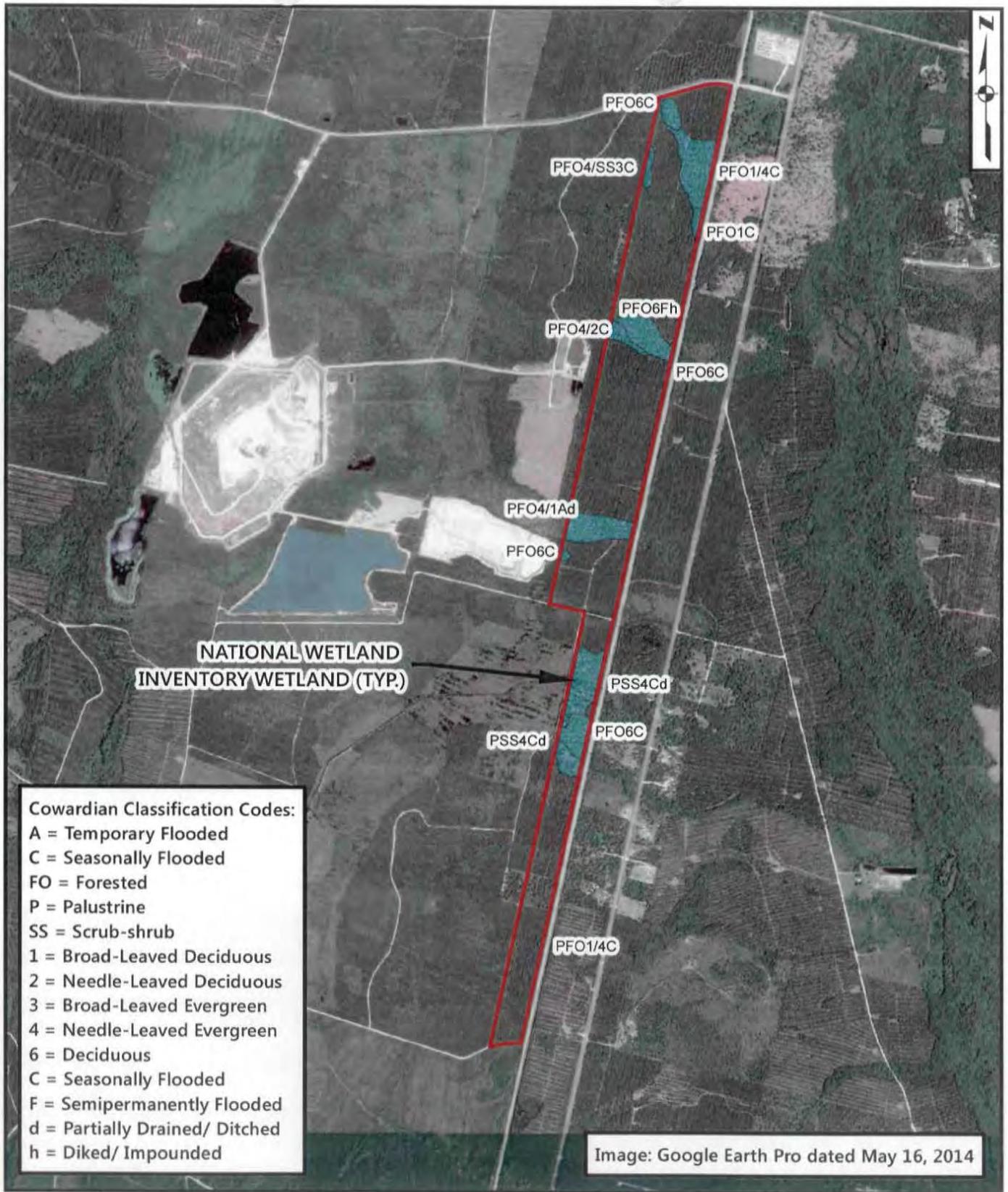


Figure 4 - NWI Wetlands

Date: 12/7/2015



GRAPHIC SCALE IN FEET

Preferred Alternative
CVP Rail Yard Project

Wayne County, Georgia

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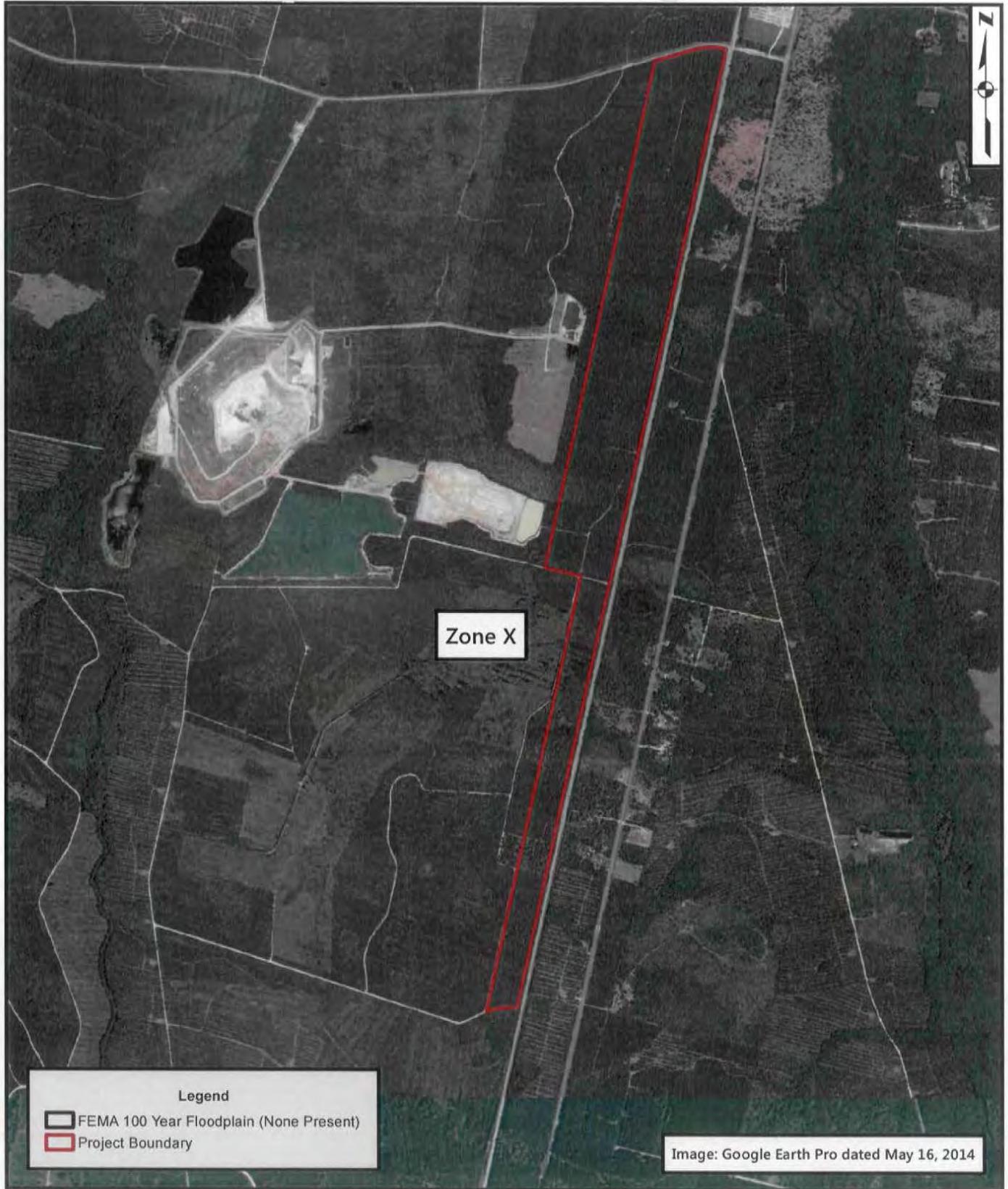
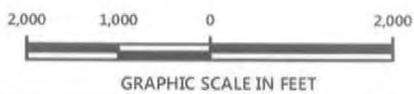


Figure 5 - Floodplains

Date: 12/7/2015



**Preferred Alternative
CVP Rail Yard Project**

Wayne County, Georgia

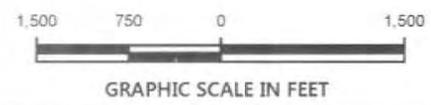
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Wetlands Impacts	
Label	Acres
A	16.52
B	2.52
C	2.41
D	3.23
Total Acreage: 24.68	



Legend	
	Wetlands to be Impacted +/- 24.68 Acres
	Wash Down Building
	Unloading Building
	Unloading Facility and Roads
	Proposed Haul Road
	Proposed Rail
	Central Virginia Properties, LLC Property Boundary
	Republic Services Property Boundary
	Wetlands
	Project Boundary

Figure 6- Aerial Map



Preferred Alternative
CVP Rail Yard Project
Wayne County, Georgia

Date: 12/7/2015

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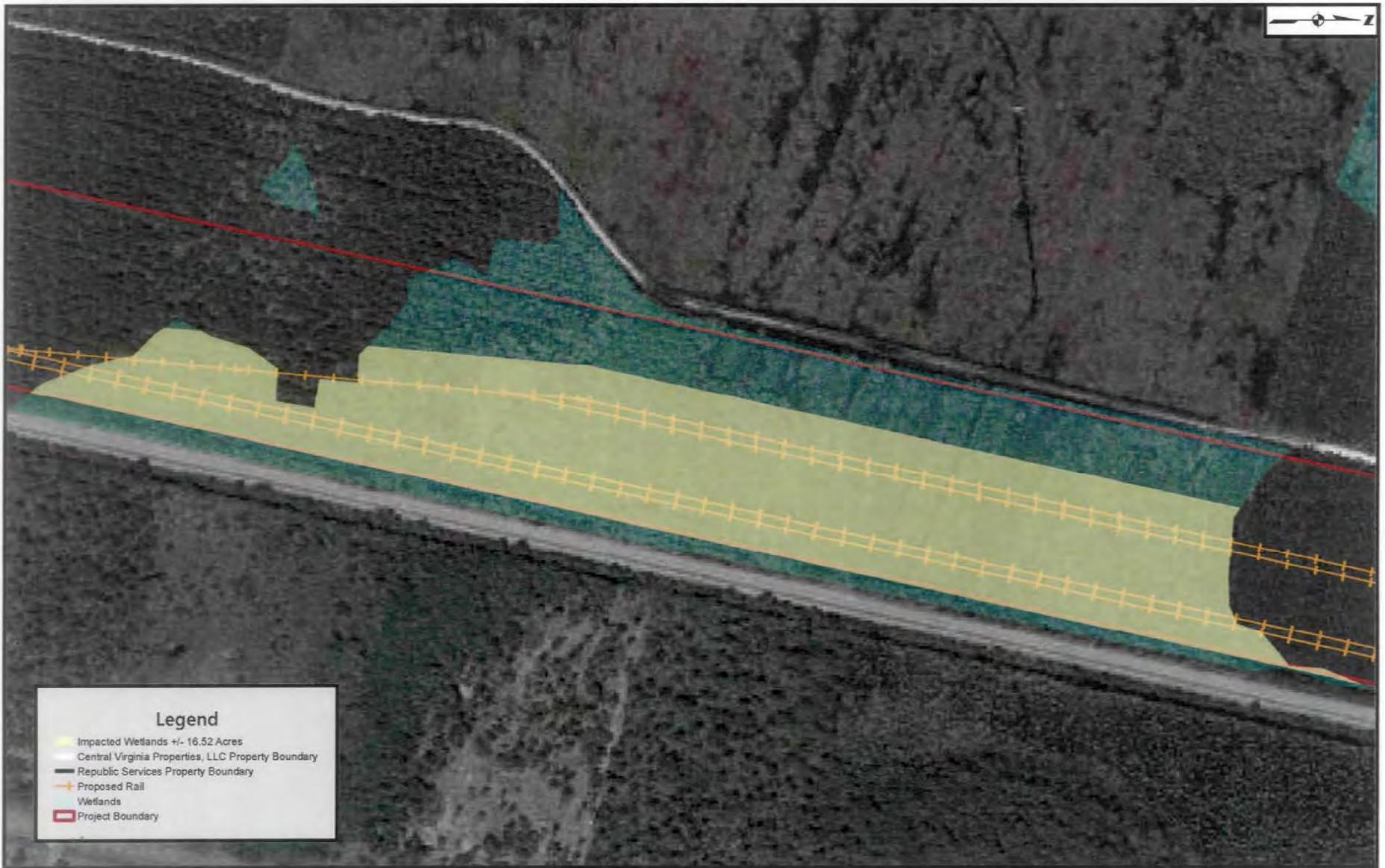
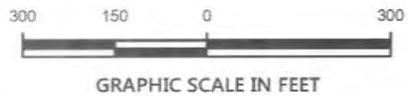


Figure 6A- Aerial Map



Preferred Alternative
CVP Rail Yard Project
Wayne County, Georgia

Date: 12/7/2015

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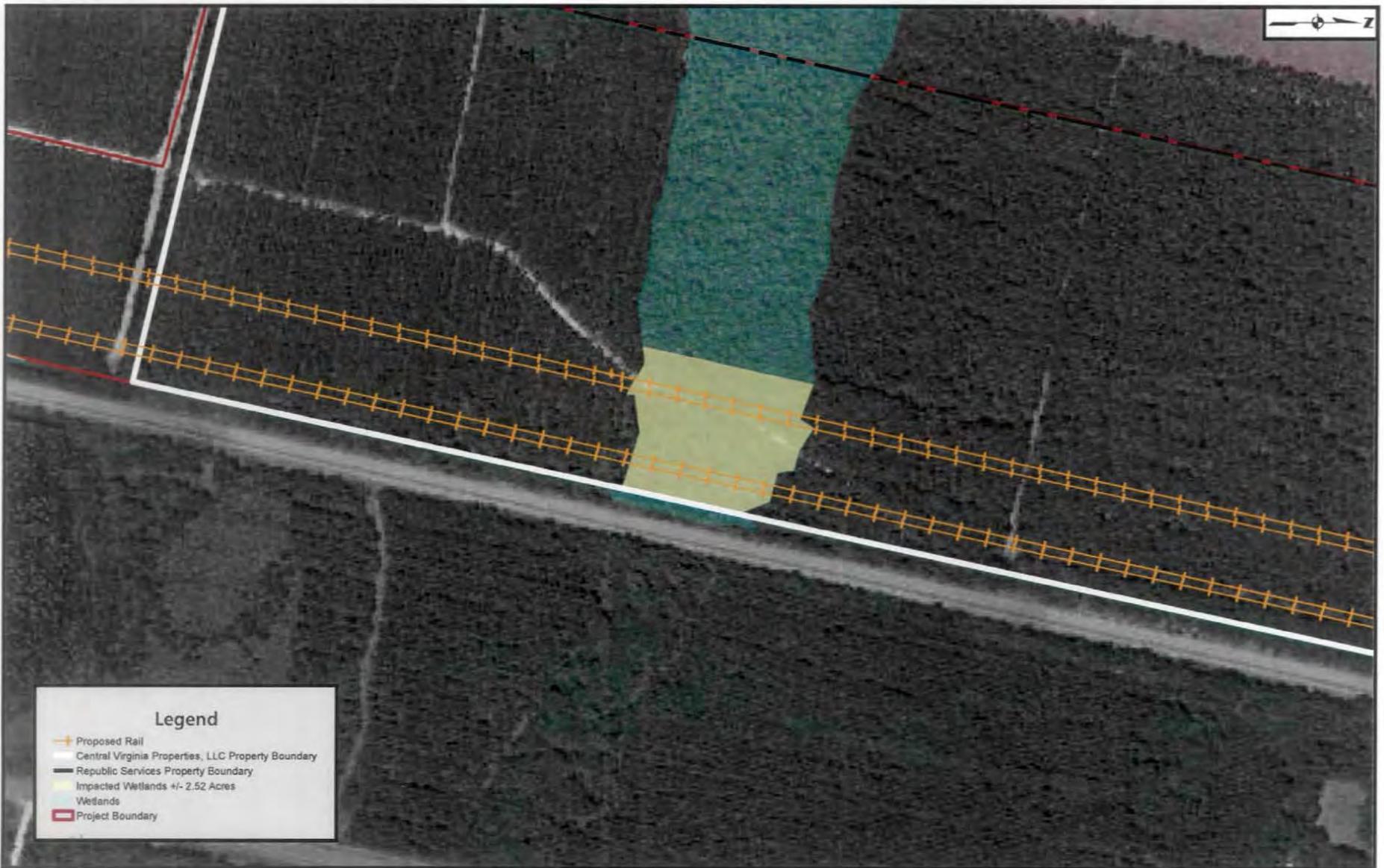
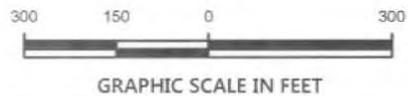


Figure 6B- Aerial Map



Preferred Alternative
CVP Rail Yard Project
Wayne County, Georgia

Date: 11/17/2015

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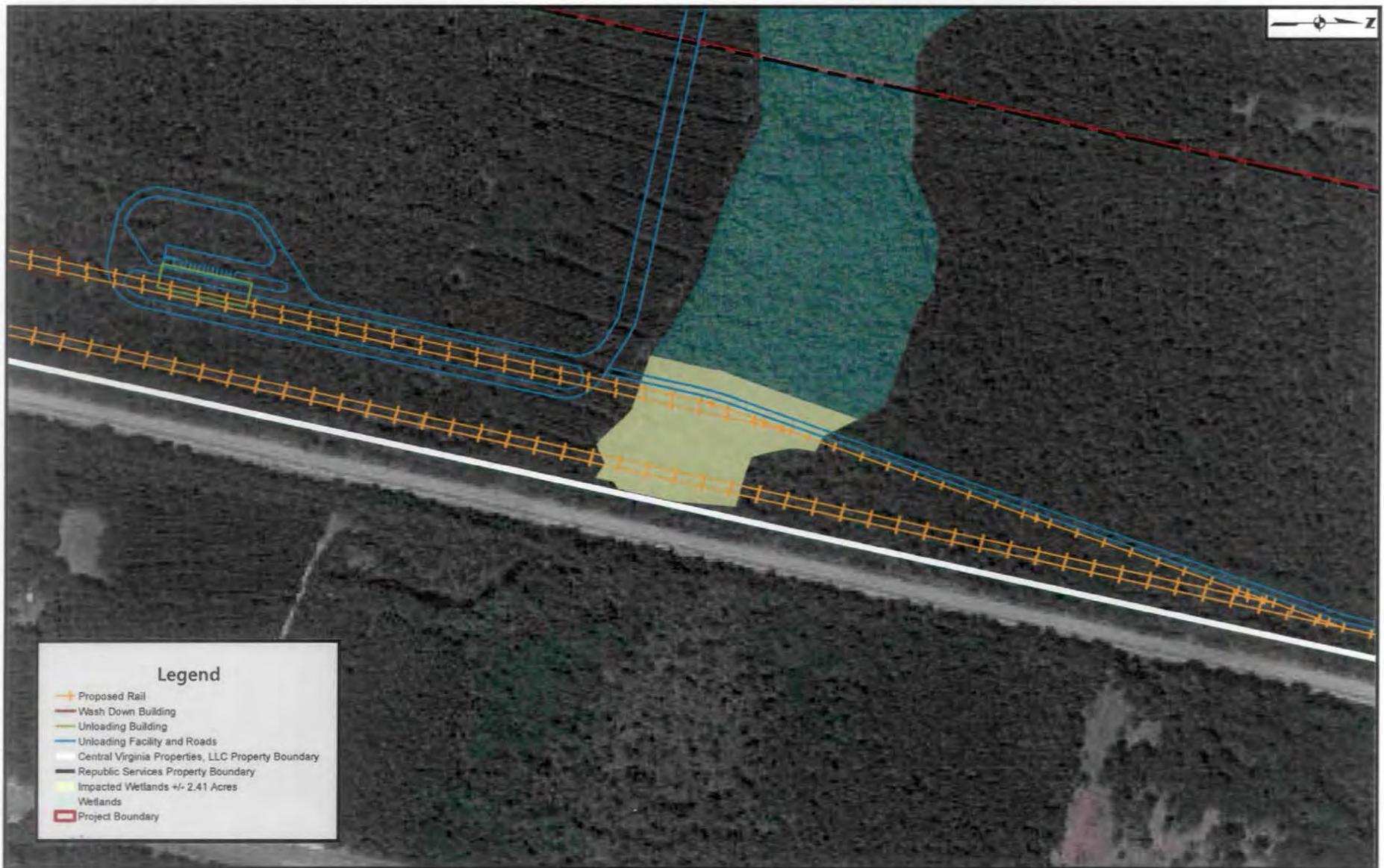
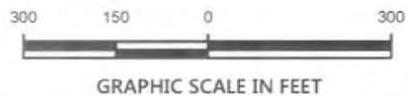


Figure 6C- Aerial Map



Preferred Alternative
CVP Rail Yard Project
Wayne County, Georgia

Date: 11/16/2015

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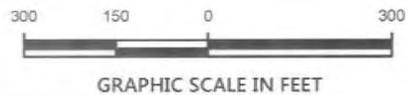
Consulting Engineers



Legend

-  Proposed Rail
-  Central Virginia Properties, LLC Property Boundary
-  Republic Services Property Boundary
-  Proposed Road
-  Impacted Wetlands +/- 3.23 Acres
-  Wetlands
-  Project Boundary

Figure 6D- Aerial Map



Preferred Alternative
CVP Rail Yard Project
Wayne County, Georgia

Date: 11/16/2015

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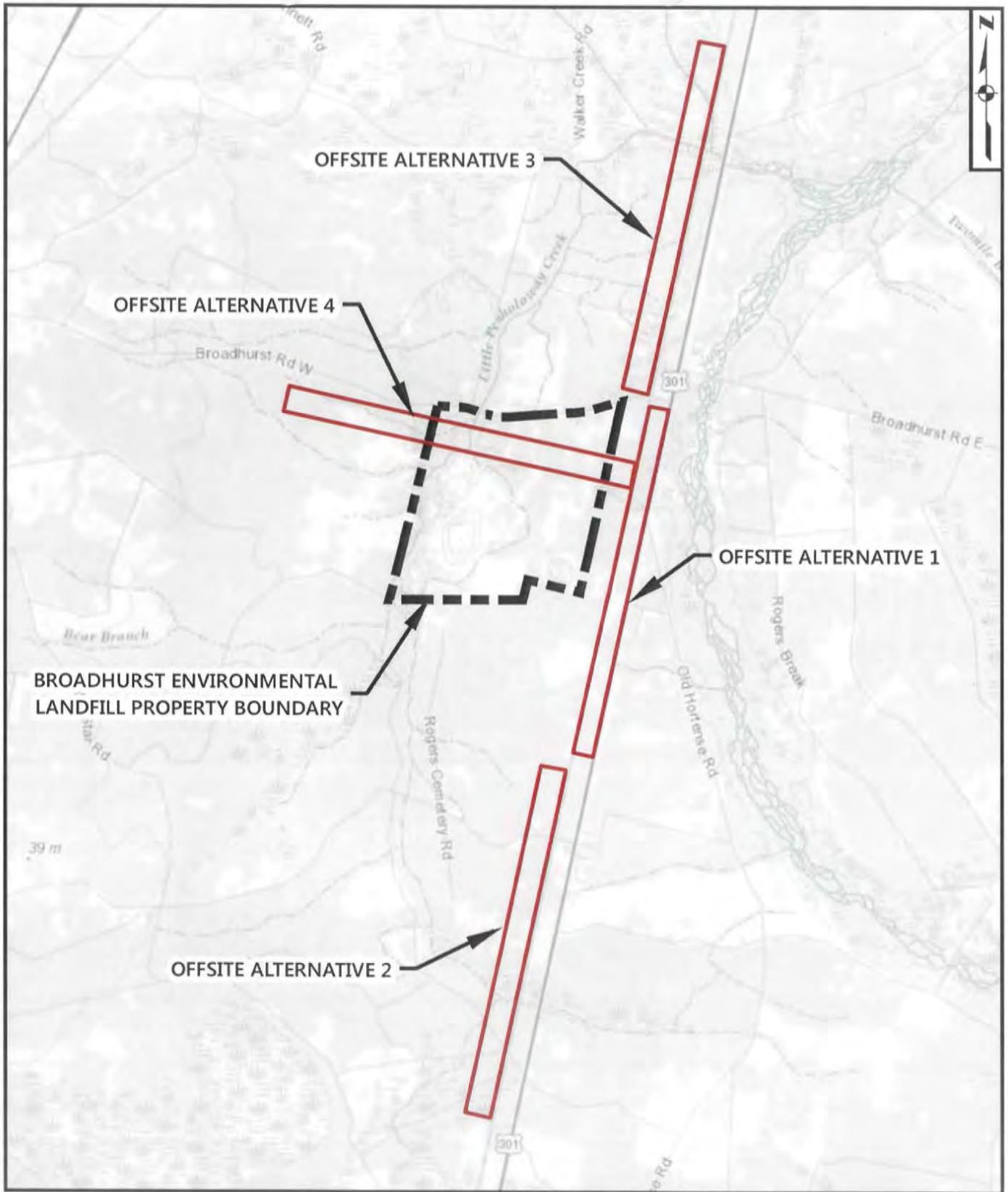
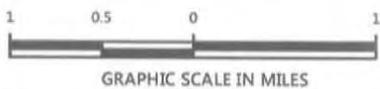


Figure 7- Vicinity Road Map
Date: 12/2/2015



Offsite Alternatives Options 1-4
CVP Rail Yard Project
Wayne County, Georgia

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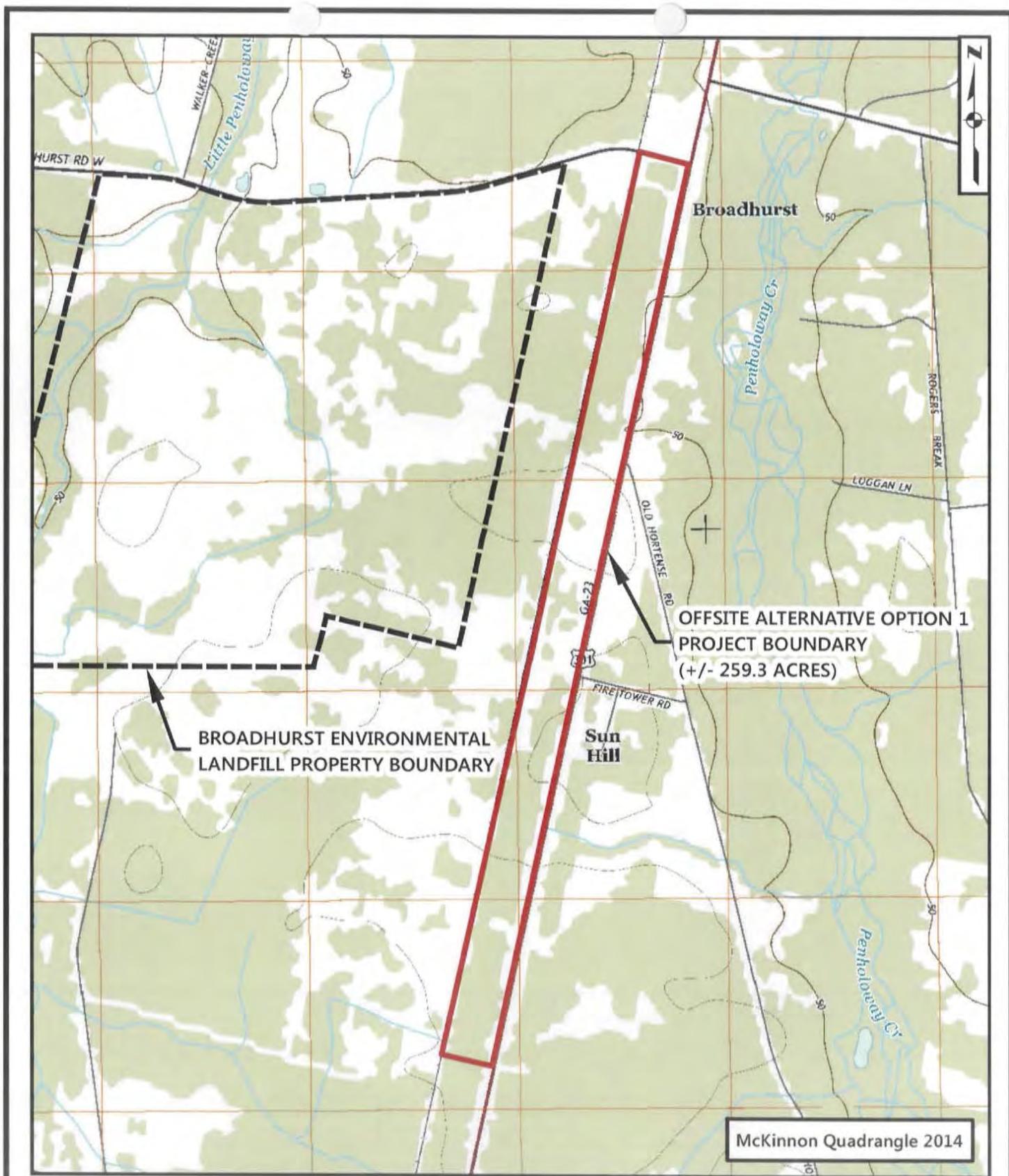
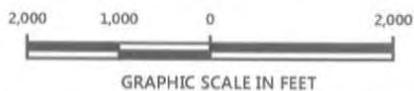


Figure 7A - USGS Topo Map
Date: 10/7/2015



Offsite Alternative Option 1
CVP Rail Yard Project

Wayne County, Georgia

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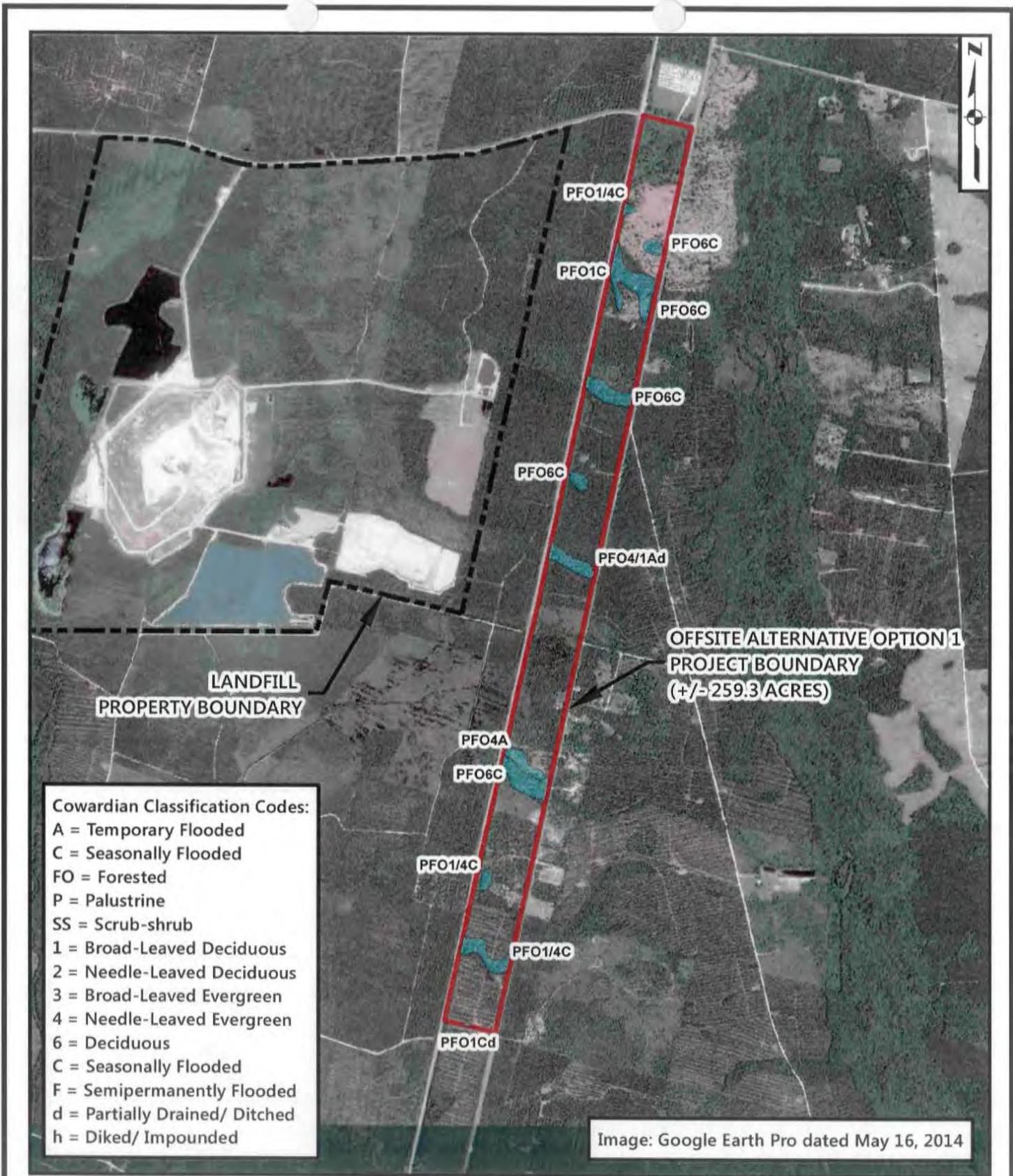


Figure 7B - NWI Wetlands

Date: 10/7/2015



GRAPHIC SCALE IN FEET

**Offsite Alternative Option 1
CVP Rail Yard Project**

Wayne County, Georgia

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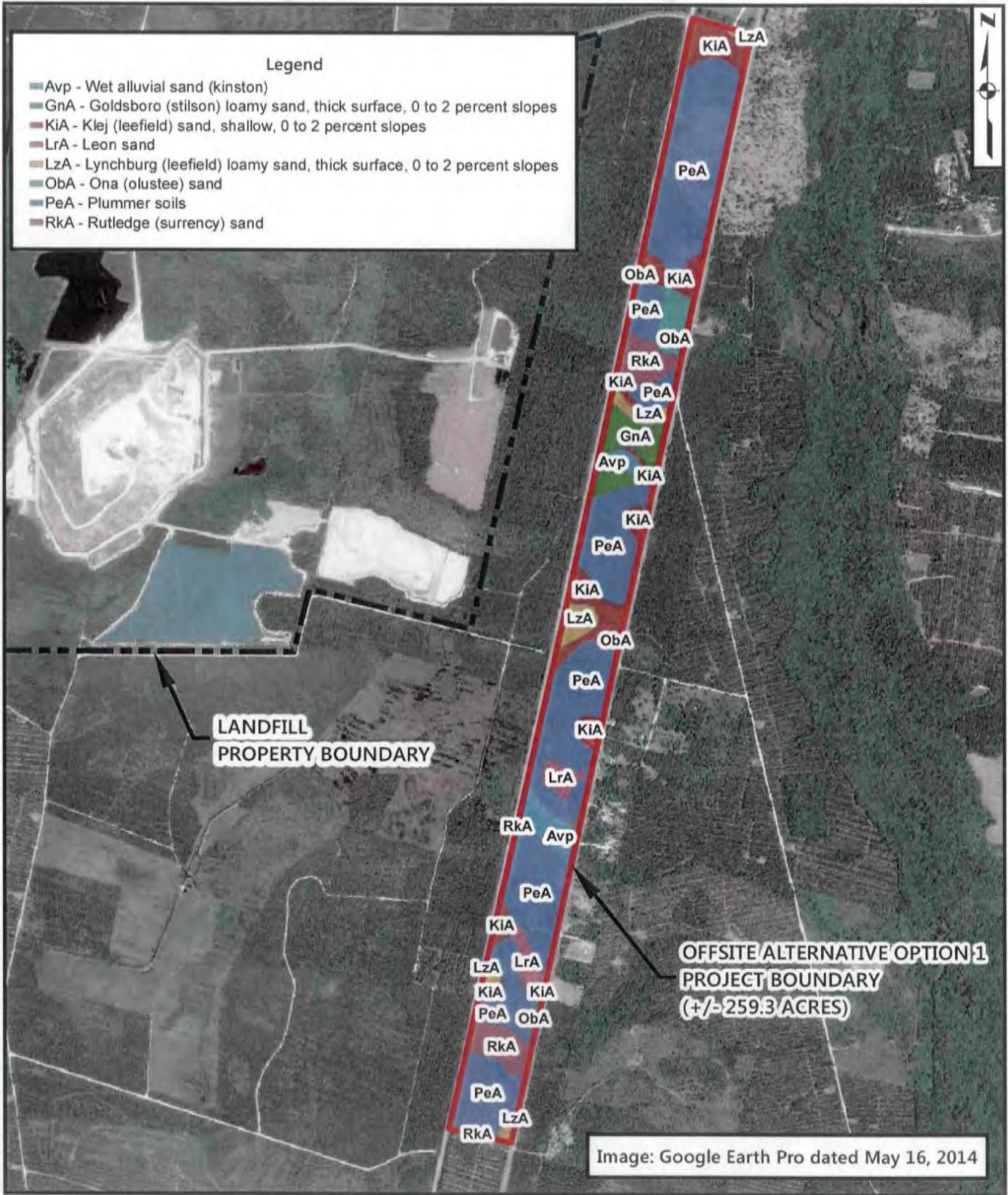


Figure 7C- Soil Map

Date: 10/7/2015

2,000 1,000 0 2,000



GRAPHIC SCALE IN FEET

**Offsite Alternative Option 1
CVP Rail Yard Project**

Wayne County, Georgia

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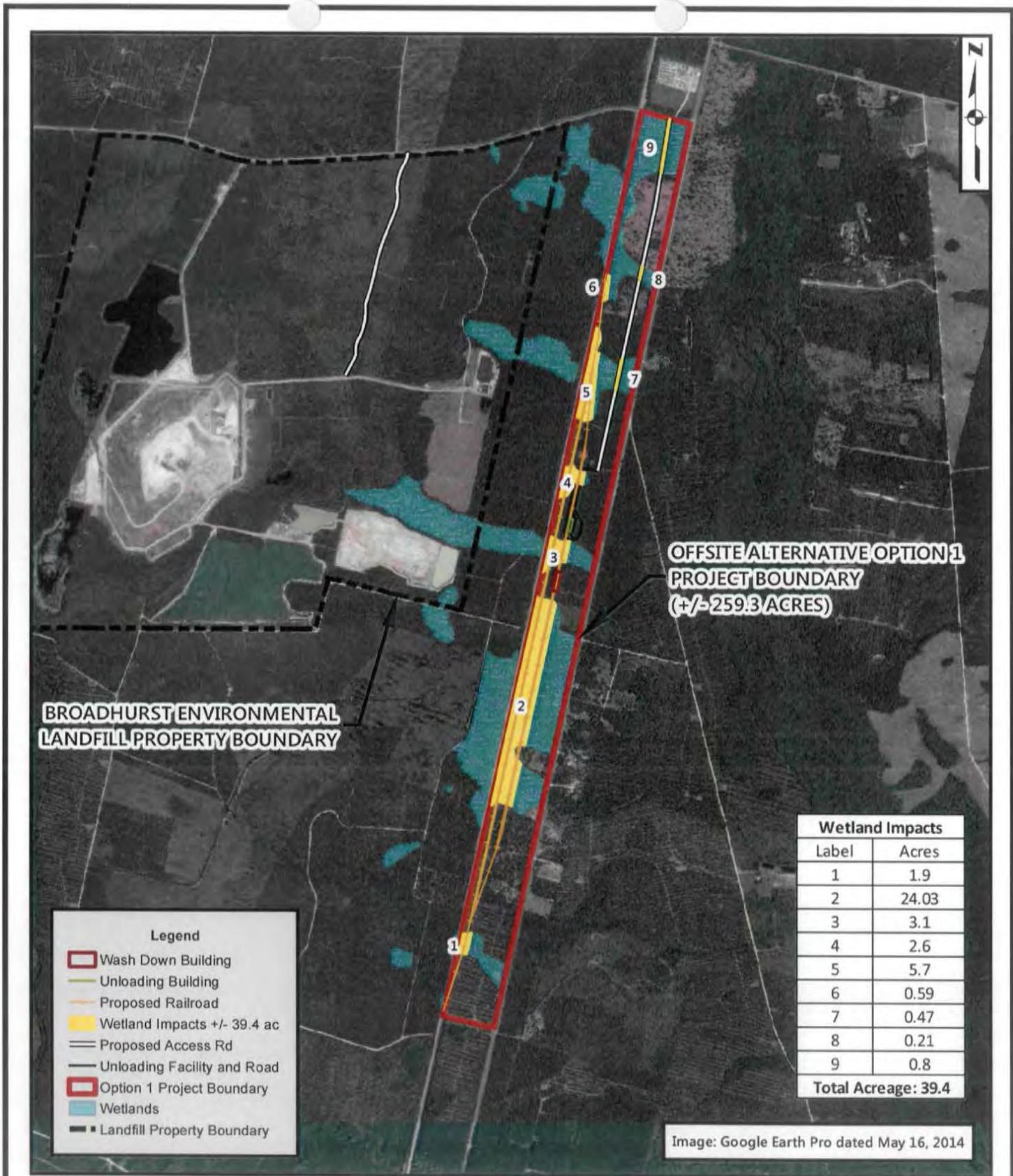
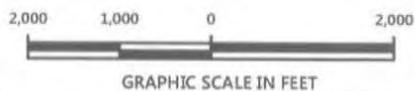


Figure 7D - Aerial Map

Date: 10/7/2015



**Offsite Alternative Option 1
CVP Rail Yard Project**

Wayne County, Georgia

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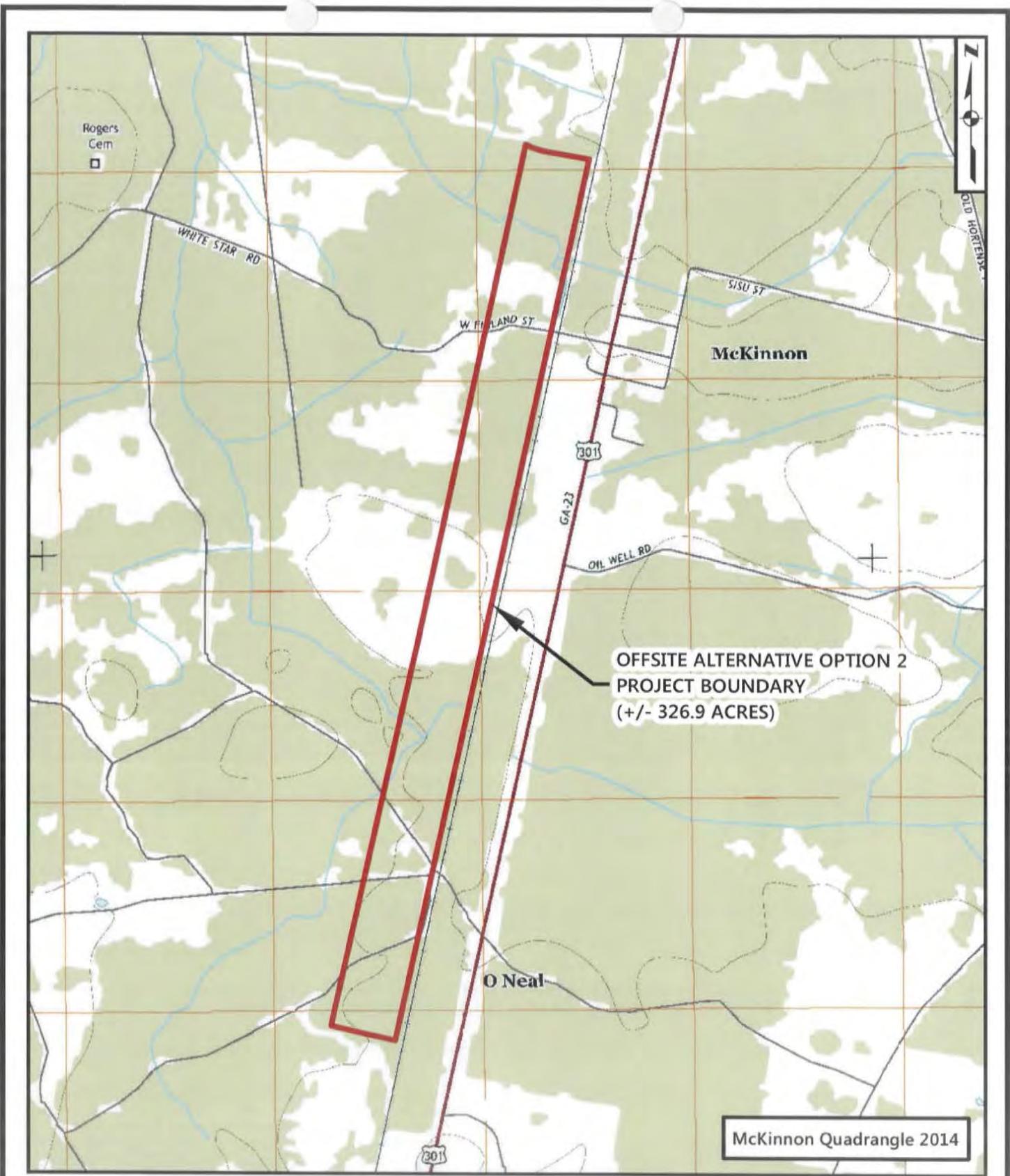


Figure 8A - USGS Topo Map

Date: 10/7/2015

2,000 1,000 0 2,000



GRAPHIC SCALE IN FEET

Offsite Alternative Option 2
CVP Rail Yard Project

Wayne County, Georgia

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Cowardin Classification Codes:

- A = Temporary Flooded
- C = Seasonally Flooded
- F = Semipermanently Flooded
- FO = Forested
- P = Palustrine
- SS = Scrub-shrub
- 1 = Broad-Leaved Deciduous
- 2 = Needle-Leaved Deciduous
- 3 = Broad-Leaved Evergreen
- 4 = Needle-Leaved Evergreen
- 6 = Deciduous
- 7 = Evergreen
- d = Partially Drained/ Ditched
- h = Diked/ Impounded

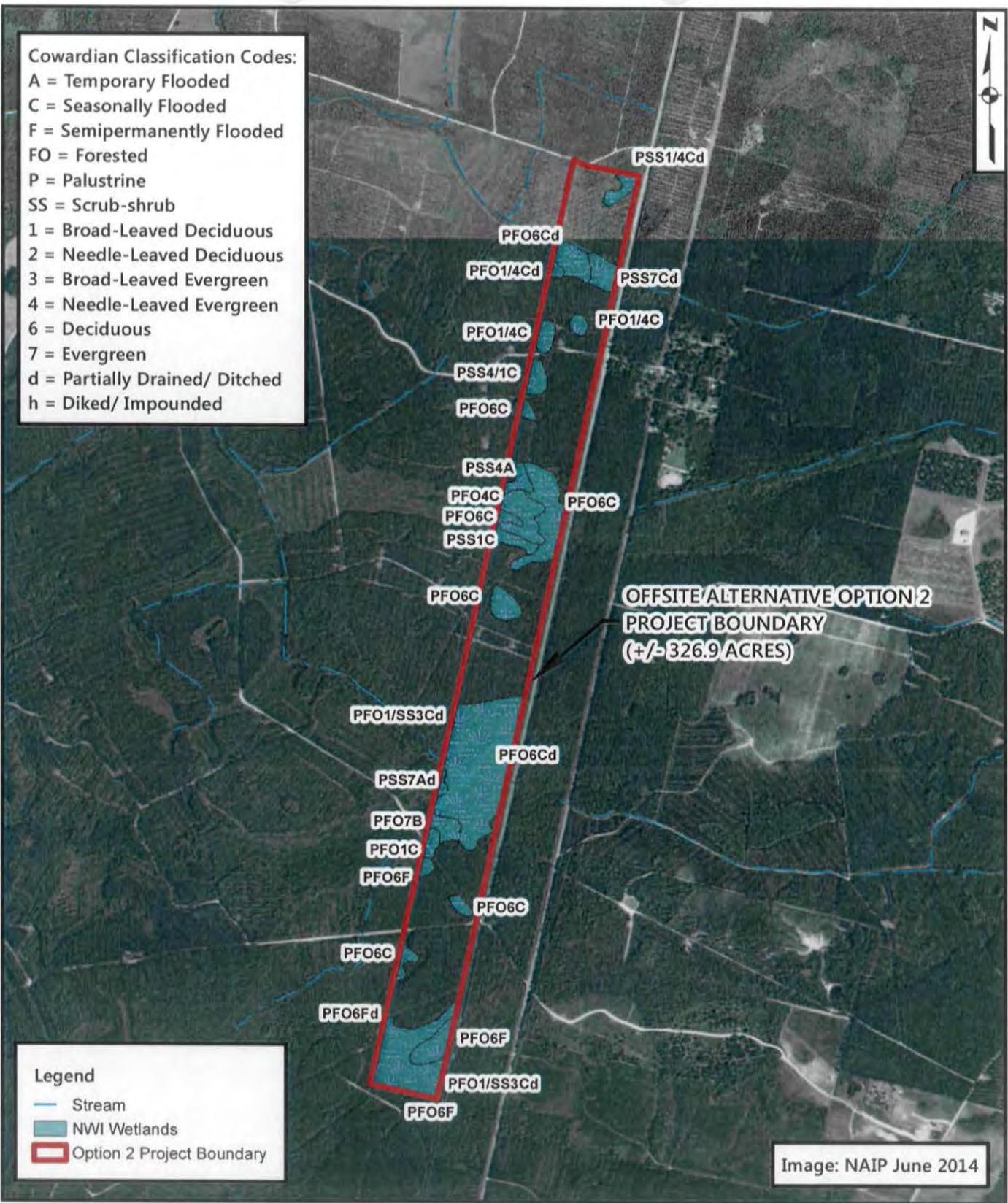


Figure 8B - NWI Wetlands

Date: 10/7/2015



GRAPHIC SCALE IN FEET

**Offsite Alternative Option 2
CVP Rail Yard Project**

Wayne County, Georgia



HODGES, HARBIN,
NEWBERRY & TRIBBLE, INC.
Consulting Engineers



Legend

- KiA - Klej (leefield) sand, shallow, 0 to 2 percent slopes
- LrA - Leon sand
- LzA - Lynchburg (leefield) loamy sand, thick surface, 0 to 2 percent slopes
- ObA - Ona (olustee sand)
- PeA - Plummer soils
- RfA - Rains (pelham) loamy sand, thick surface
- RkA - Rutlege (surrency) sand

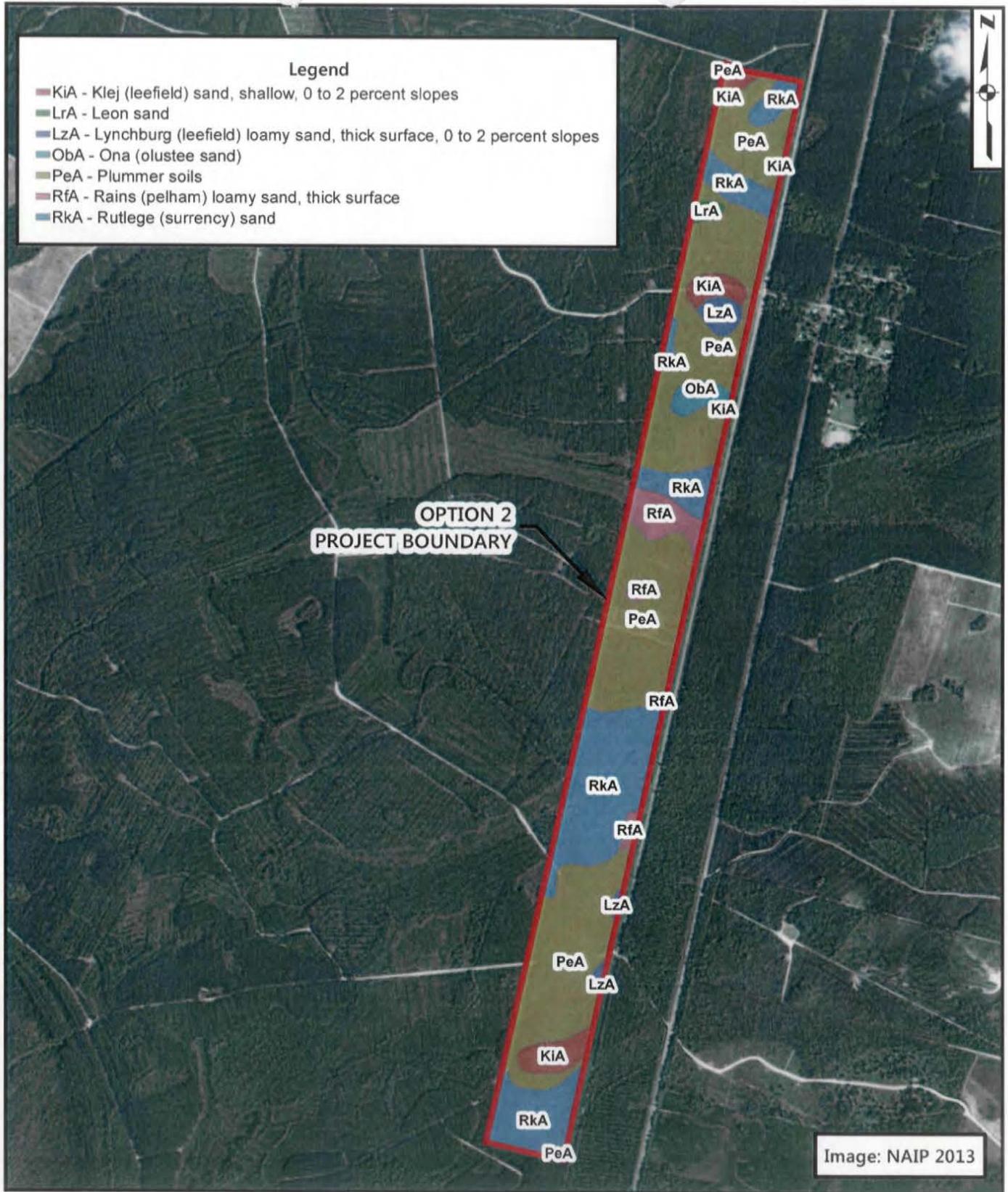


Image: NAIP 2013

Figure 8C- Soil Map

Date: 10/7/2015

2,000 1,000 0 2,000



GRAPHIC SCALE IN FEET

Offsite Alternative Option 2 CVP Rail Yard Project

Wayne County, Georgia

HHNT

HODGES, HARBIN,
NEWBERRY & TRIBBLE, INC.

Consulting Engineers

Stream Impacts		
Label	Buffer (Sq. Ft.)	Channel (Linear Ft.)
9	2,583.00	46.51
10	6,054.40	108.10
11	18,596.10	339.68
Total:	27,233.5 sq. ft.	494.29 ft.

Wetland Impacts	
Label	Acres
1	0.33
2	0.55
3	1.29
4	10.2
5	17.88
6	0.03
7	0.04
8	0.05
12**	0.36
13**	0.46
Total Acreage: 31.19	
** Shown on Figure 8D(2)	

HAUL ROAD CONTINUED
ON NEXT DRAWING
(FIGURE 8D(2))

OFFSITE ALTERNATIVE OPTION 2
PROJECT BOUNDARY
(+/- 326.9 ACRES)

Legend

- Wetland Impacts +/- 31.19 ac
- Stream Buffer Impacts +/- 27,233.5 sq.ft.
- Proposed Railroad
- Proposed Access Rd
- Unloading Building
- Wash Down Building
- State Waters
- Wetlands
- Option 2 Project Boundary
- Unloading Facility and Road

Image: NAIP June 2014

Figure 8D - Aerial Map

Date: 11/17/2015



GRAPHIC SCALE IN FEET

**Offsite Alternative Option 2
CVP Rail Yard Project**

Wayne County, Georgia

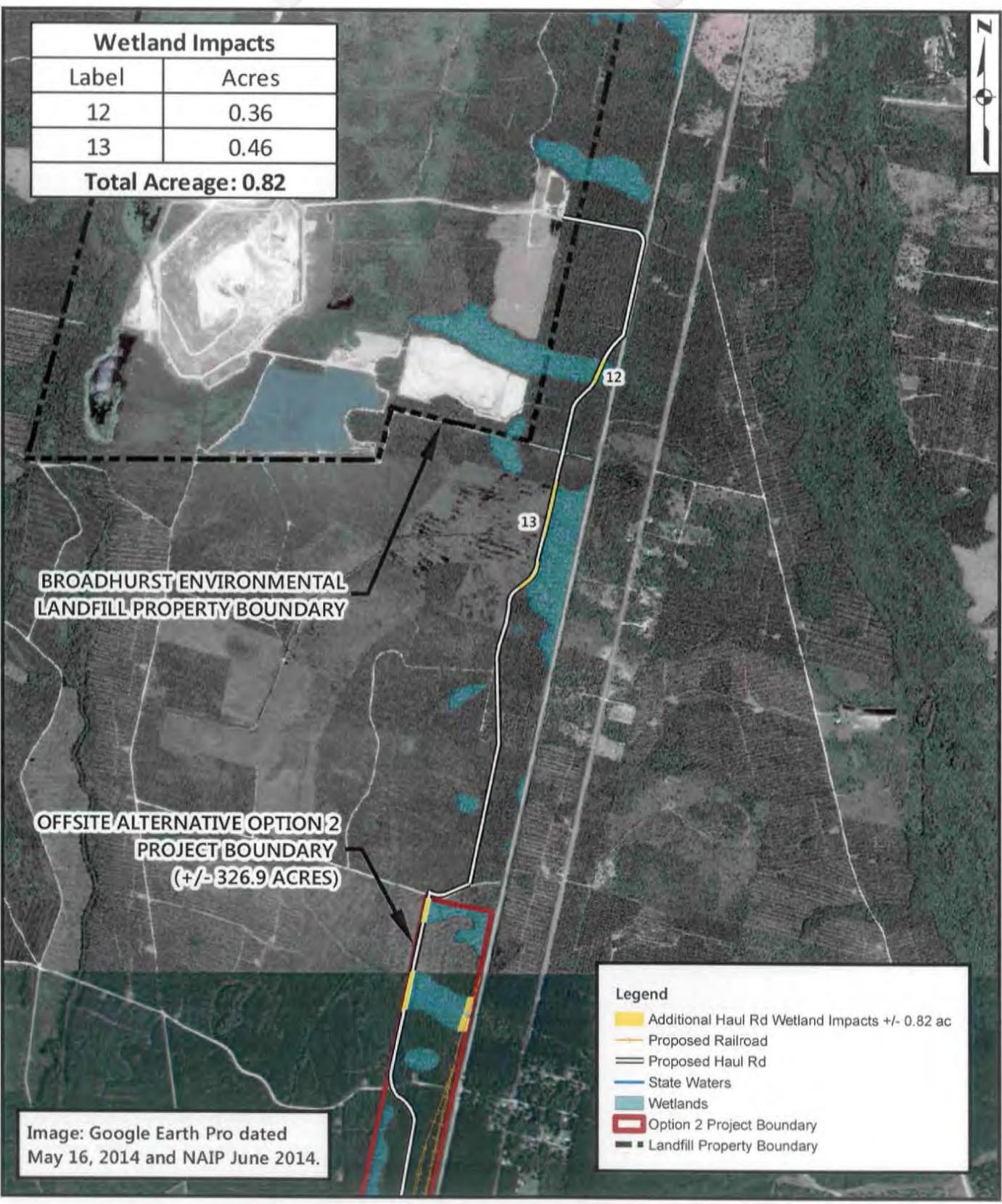


HODGES, HARBIN,
NEWBERRY & TRIBBLE, INC.

Consulting Engineers



Wetland Impacts	
Label	Acres
12	0.36
13	0.46
Total Acreage: 0.82	



**BROADHURST ENVIRONMENTAL
LANDFILL PROPERTY BOUNDARY**

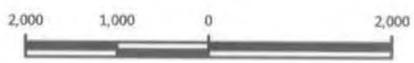
**OFFSITE ALTERNATIVE OPTION 2
PROJECT BOUNDARY
(+/- 326.9 ACRES)**

Image: Google Earth Pro dated
May 16, 2014 and NAIP June 2014.

Legend	
	Additional Haul Rd Wetland Impacts +/- 0.82 ac
	Proposed Railroad
	Proposed Haul Rd
	State Waters
	Wetlands
	Option 2 Project Boundary
	Landfill Property Boundary

Figure 8D(2) - Aerial Map

Date: 10/7/2015



GRAPHIC SCALE IN FEET

**Offsite Alternative Option 2
CVP Rail Yard Project**

Wayne County, Georgia



HODGES, HARBIN,
NEWBERRY & TRIBBLE, INC.
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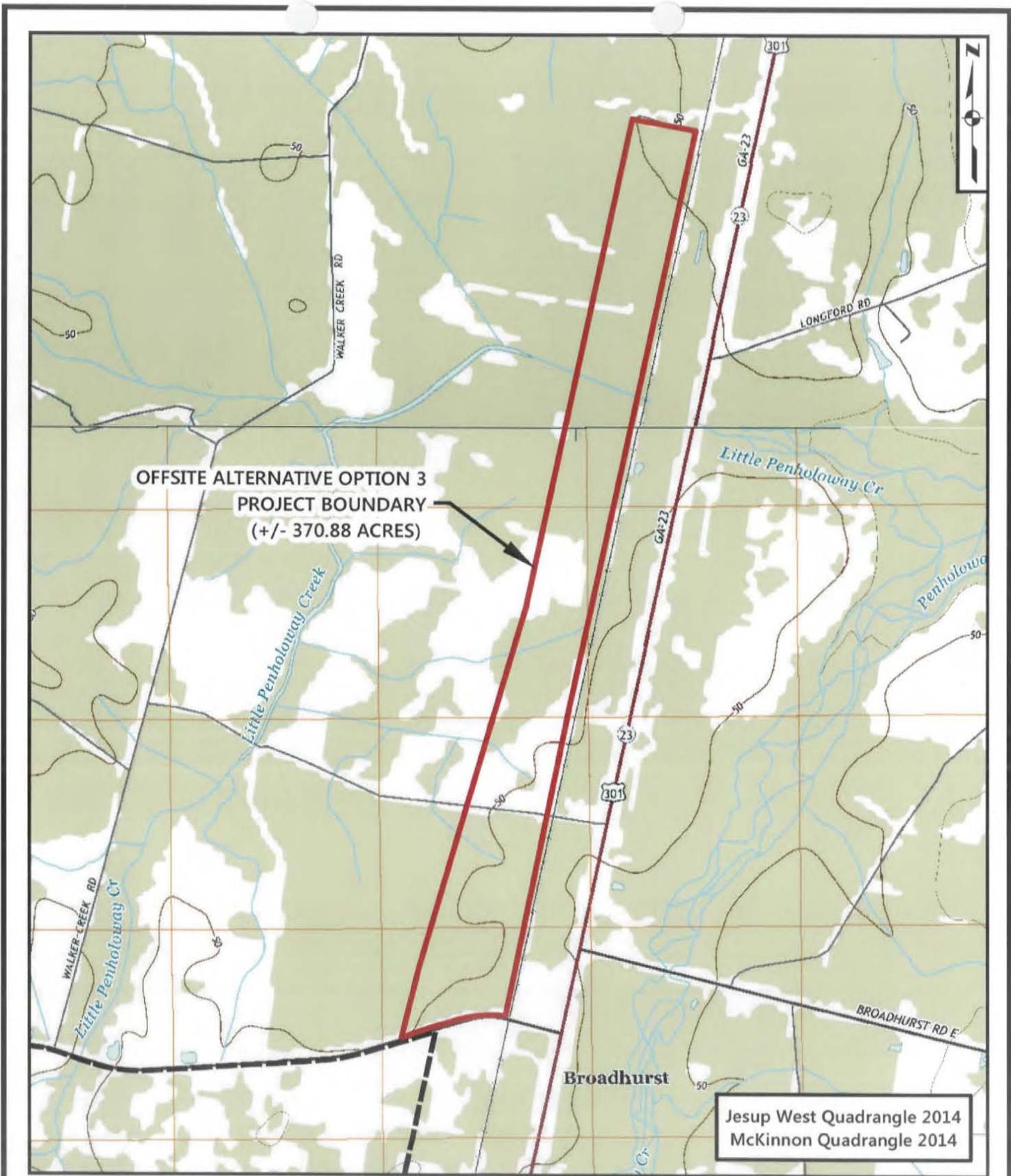
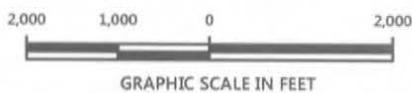


Figure 9A - USGS Topo Map
Date: 10/7/2015



**Offsite Alternative Option 3
CVP Rail Yard Project**

Wayne County, Georgia

HHNT
HODGES, HARBIN,
NEWBERRY & TRIBBLE, INC.
Consulting Engineers



Cowardin Classification Codes:
 A = Temporary Flooded
 B = Saturated
 C = Seasonally Flooded
 F = Semipermanently Flooded
 FO = Forested
 P = Palustrine
 SS = Scrub-shrub
 1 = Broad-Leaved Deciduous
 2 = Needle-Leaved Deciduous
 3 = Broad-Leaved Evergreen
 4 = Needle-Leaved Evergreen
 6 = Deciduous
 7 = Evergreen
 d = Partially Drained/ Ditched
 h = Diked/ Impounded

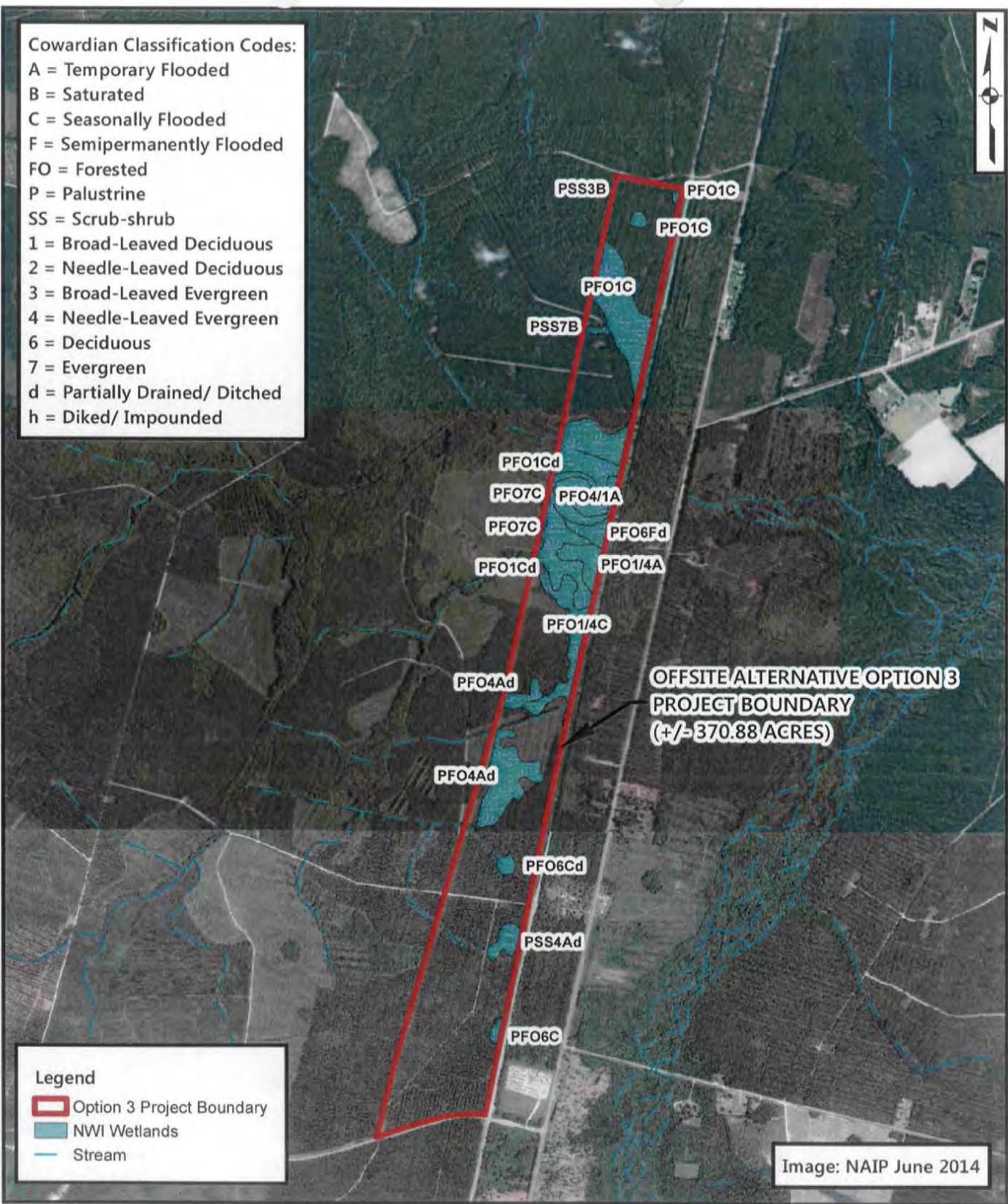


Figure 9B - NWI Wetlands

Date: 10/7/2015



GRAPHIC SCALE IN FEET

**Offsite Alternative Option 3
 CVP Rail Yard Project**

Wayne County, Georgia



HODGES, HARBIN,
 NEWBERRY & TRIBBLE, INC.

Consulting Engineers

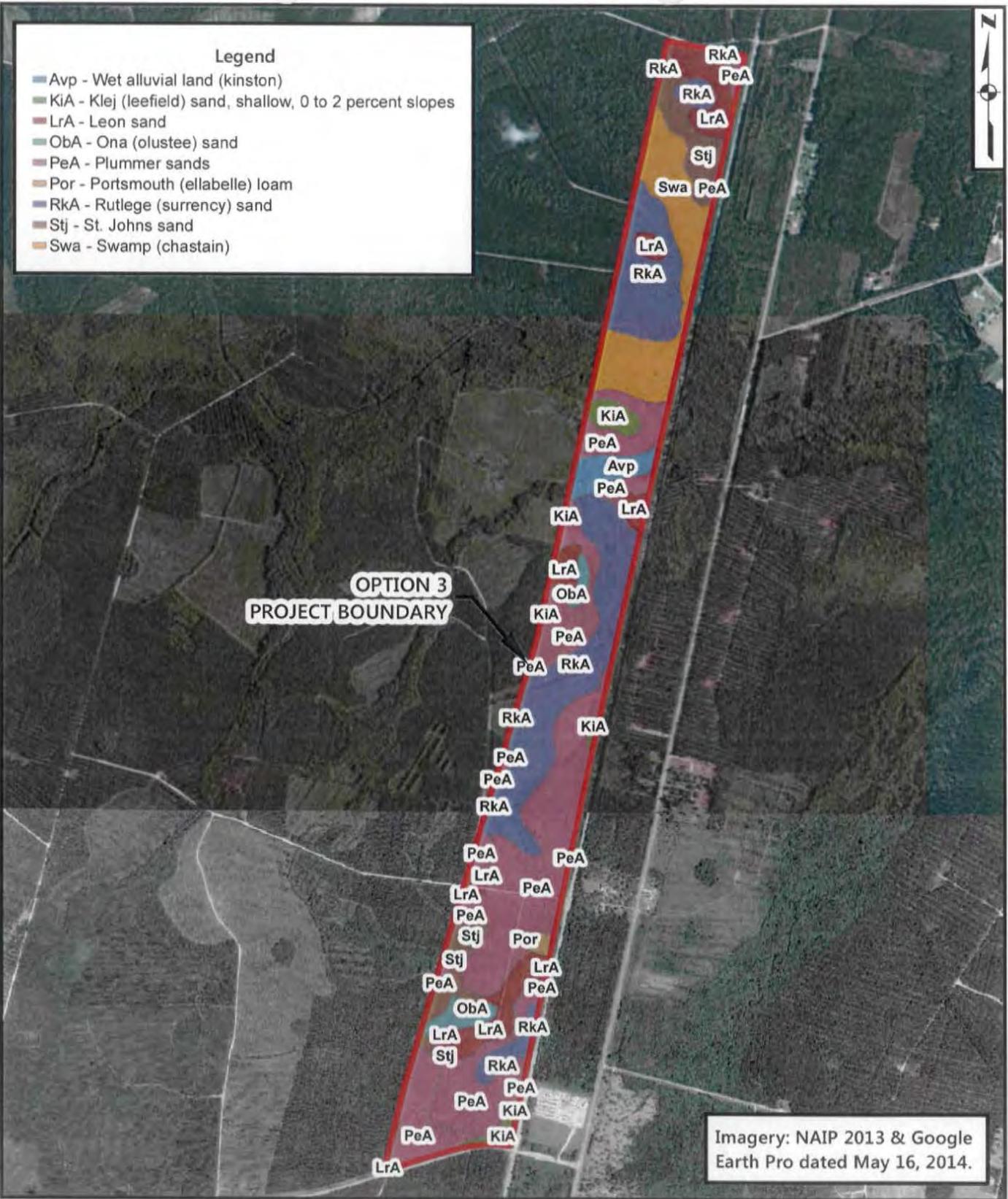


Figure 9C- Soil Map

Date: 10/7/2015

2,000 1,000 0 2,000



GRAPHIC SCALE IN FEET

**Offsite Alternative Option 3
CVP Rail Yard Project**

Wayne County, Georgia

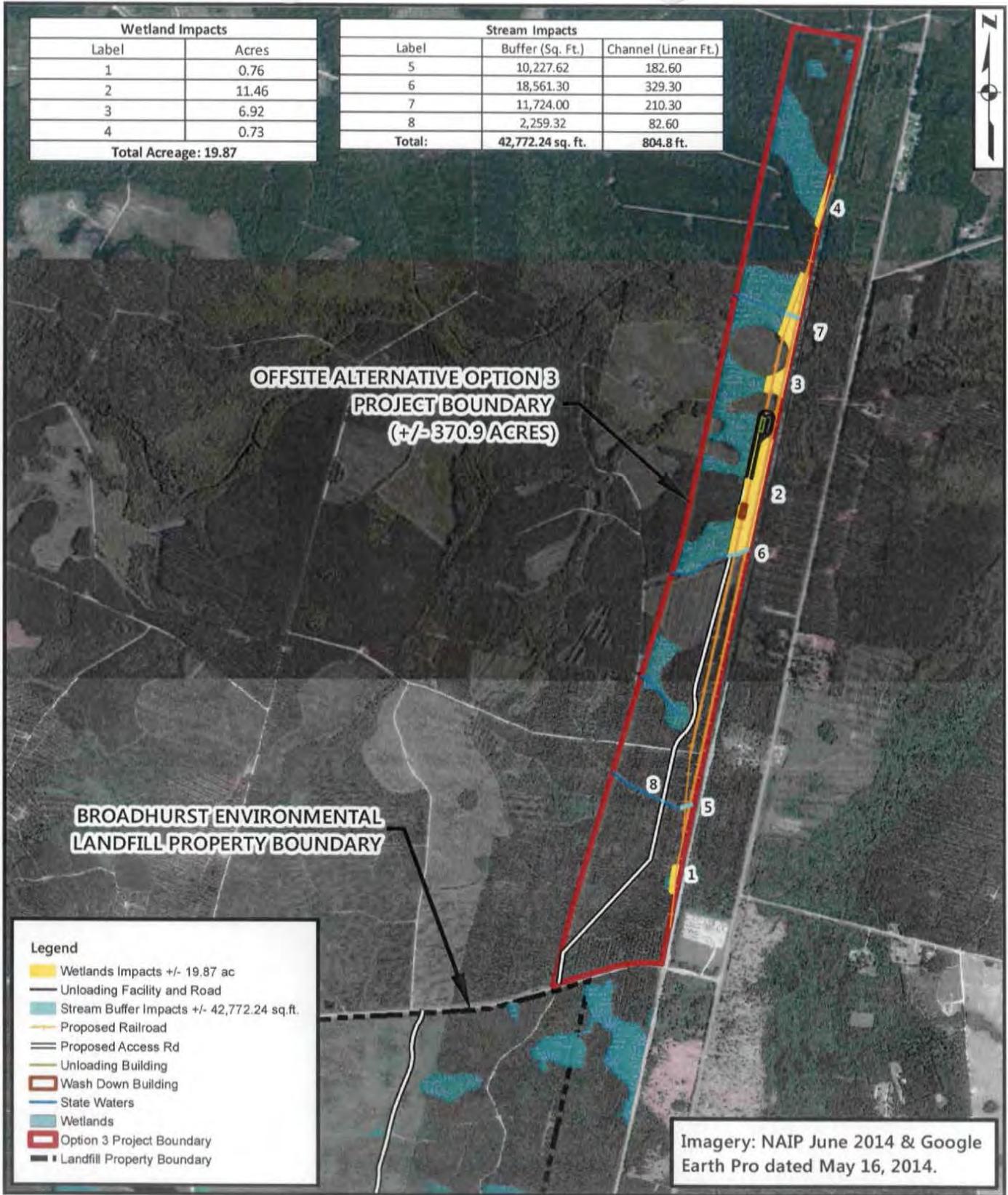
HHNT

HODGES, HARBIN,
NEWBERRY & TRIBBLE, INC.

Consulting Engineers

Wetland Impacts	
Label	Acres
1	0.76
2	11.46
3	6.92
4	0.73
Total Acreage: 19.87	

Stream Impacts		
Label	Buffer (Sq. Ft.)	Channel (Linear Ft.)
5	10,227.62	182.60
6	18,561.30	329.30
7	11,724.00	210.30
8	2,259.32	82.60
Total:	42,772.24 sq. ft.	804.8 ft.



**OFFSITE ALTERNATIVE OPTION 3
PROJECT BOUNDARY
(+/- 370.9 ACRES)**

**BROADHURST ENVIRONMENTAL
LANDFILL PROPERTY BOUNDARY**

Legend

- Wetlands Impacts +/- 19.87 ac
- Unloading Facility and Road
- Stream Buffer Impacts +/- 42,772.24 sq.ft.
- Proposed Railroad
- Proposed Access Rd
- Unloading Building
- Wash Down Building
- State Waters
- Wetlands
- Option 3 Project Boundary
- Landfill Property Boundary

Imagery: NAIP June 2014 & Google Earth Pro dated May 16, 2014.

Figure 9D - Aerial Map
Date: 10/8/2015

2,000 1,000 0 2,000

GRAPHIC SCALE IN FEET

**Offsite Alternative Option 3
CVP Rail Yard Project**
Wayne County, Georgia

HHNT
HODGES, HARBIN,
NEWBERRY & TRIBBLE, INC.
Consulting Engineers

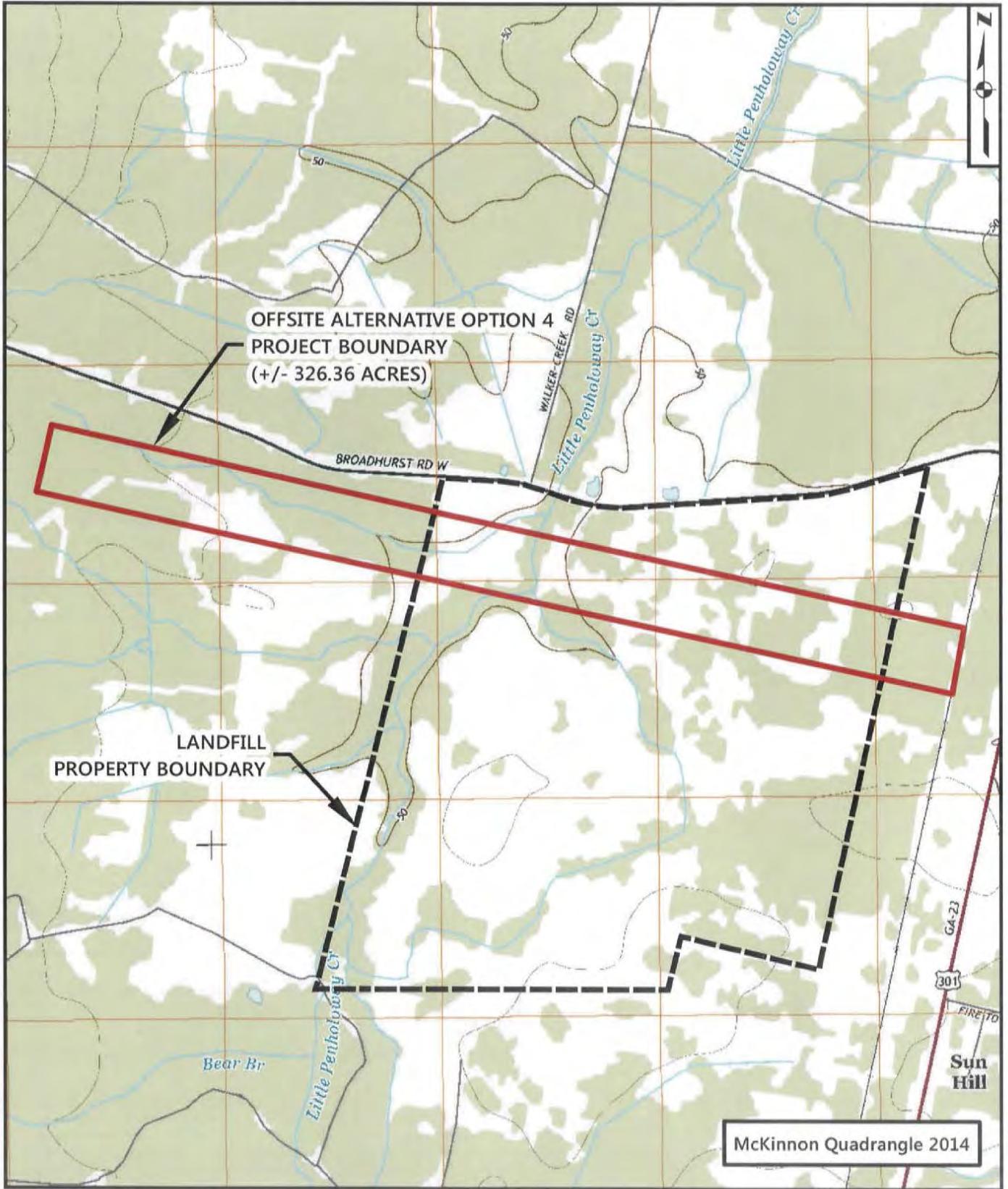
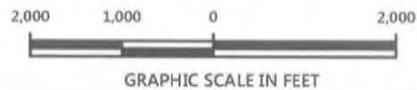


Figure 10A - USGS Topo Map
Date: 10/8/2015



Offsite Alternative Option 4
CVP Rail Yard Project

Wayne County, Georgia

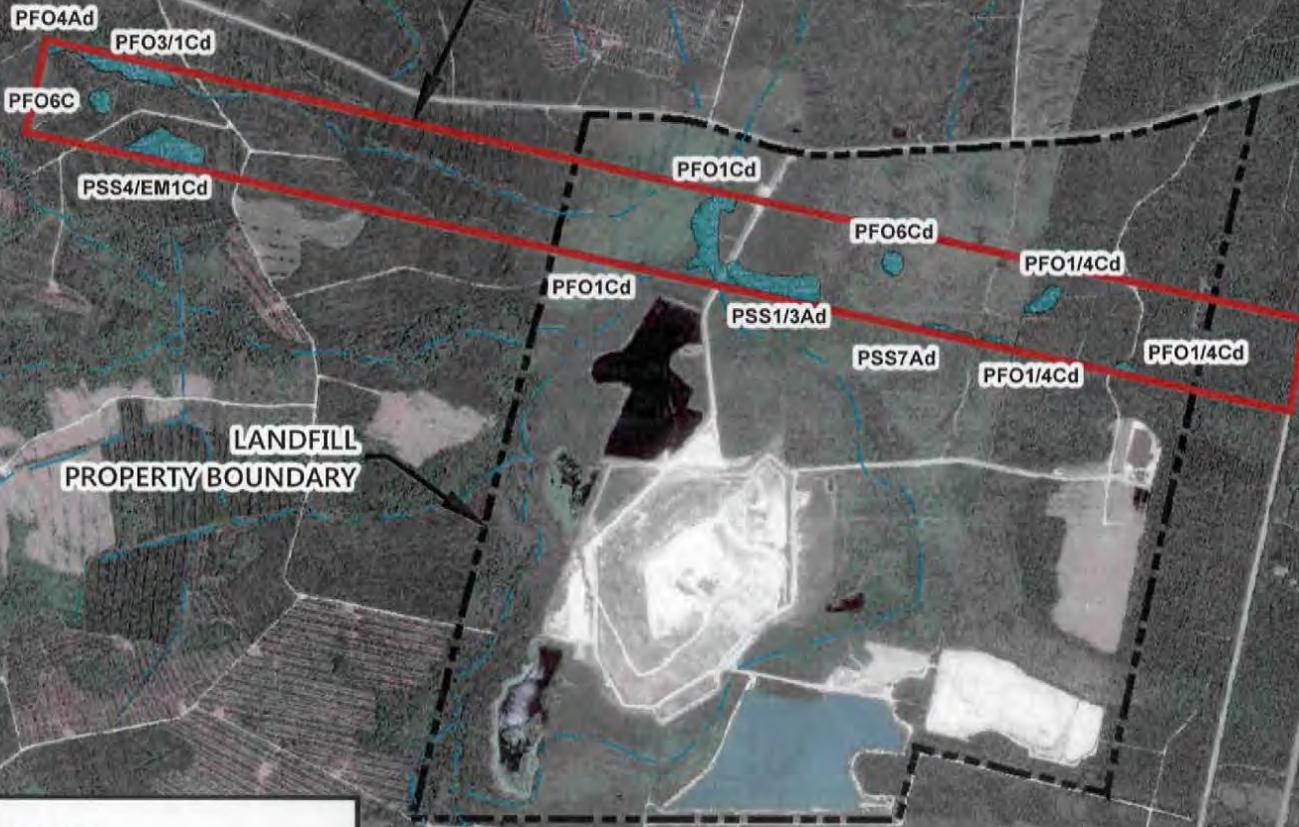
HHNT
HODGES, HARBIN,
NEWBERRY & TRIBBLE, INC.
Consulting Engineers

Cowardin Classification Codes:

- A = Temporary Flooded
- B = Saturated
- C = Seasonally Flooded
- EM = Emergent
- F = Semipermanently Flooded
- FO = Forested
- P = Palustrine
- SS = Scrub-shrub
- 1 = Broad-Leaved Deciduous
- 2 = Needle-Leaved Deciduous
- 3 = Broad-Leaved Evergreen
- 4 = Needle-Leaved Evergreen
- 6 = Deciduous
- 7 = Evergreen
- d = Partially Drained/ Ditched
- h = Diked/ Impounded



**OFFSITE ALTERNATIVE OPTION 4
PROJECT BOUNDARY
(+/- 326.36 ACRES)**



**LANDFILL
PROPERTY BOUNDARY**

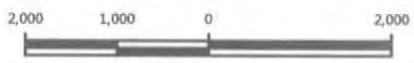
Legend

- Option 4 Project Boundary
- NWI Wetlands
- Stream

Imagery: NAIP June 2014 and Google Earth Pro dated May 16, 2014

Figure 10B - NWI Wetlands

Date: 10/8/2015



GRAPHIC SCALE IN FEET

**Offsite Alternative Option 4
CVP Rail Yard Project**

Wayne County, Georgia



HODGES, HARBIN,
NEWBERRY & TRIBBLE, INC.
Consulting Engineers

Legend

- Avp - Wet alluvial land (kinston)
- GnA - Goldsboro (stilson) loamy sand, thick surface, 0 to 2 percent slopes
- KIA - Klej (leefield) sand, shallow, 0 to 2 percent slopes
- LrA - Leon sand
- LvB - Lynchburg (hazelhurst) loamy sand, 2 to 5 percent slopes
- LzA - Lynchburg (leefield) loamy sand, 0 to 2 percent slopes
- ObA - Ona (olustee) sand
- PeA - Plummer soils
- Por - Portsmouth (ellabelle) loam
- RfA - Rains (pelham) loamy sand, thick surface
- RKA - Rutlege (surrency) sand

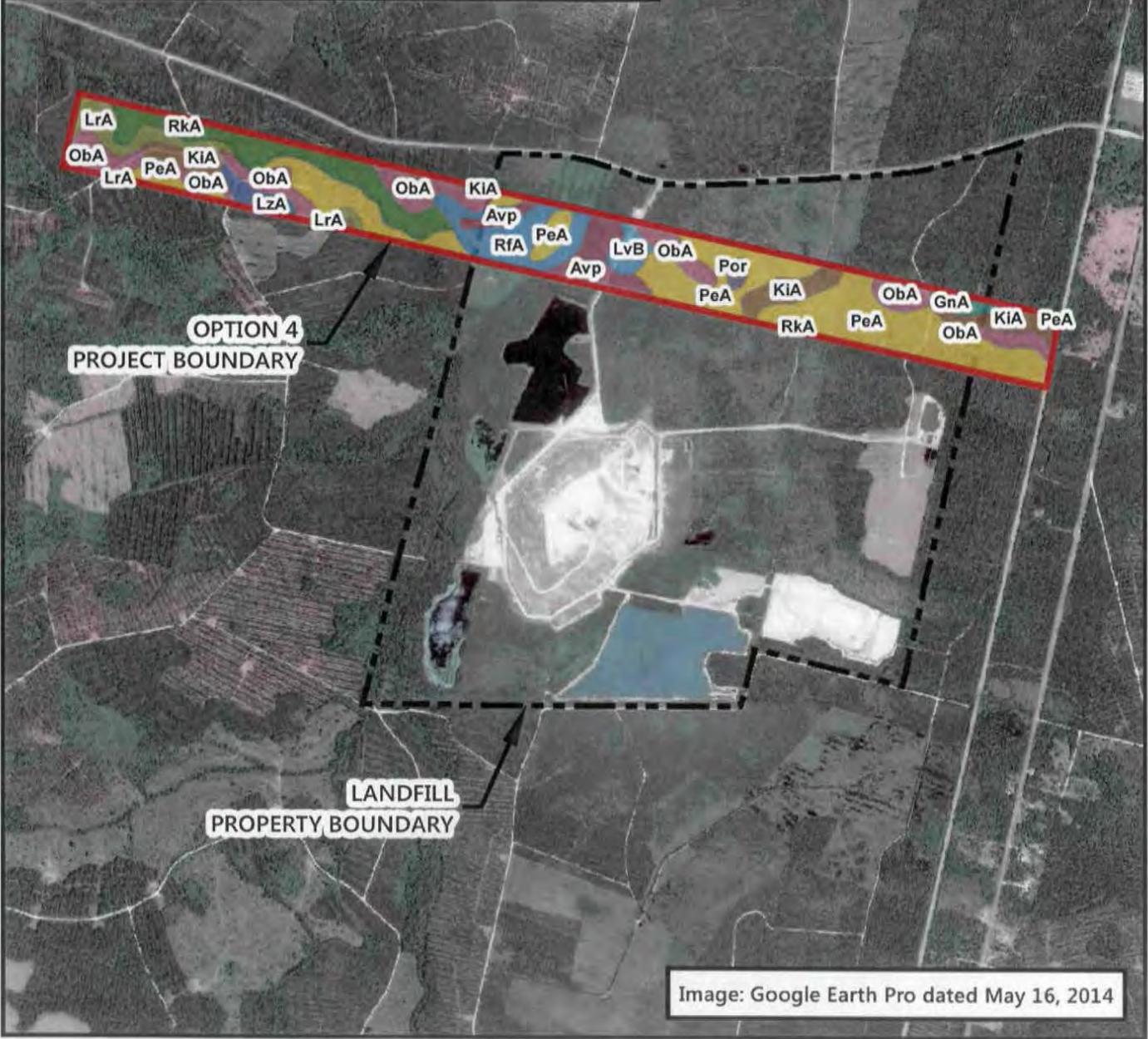


Image: Google Earth Pro dated May 16, 2014

Figure 10C- Soil Map

Date: 10/8/2015

2,500 1,250 0 2,500



GRAPHIC SCALE IN FEET

Offsite Alternative Option 4
CVP Rail Yard Project

Wayne County, Georgia



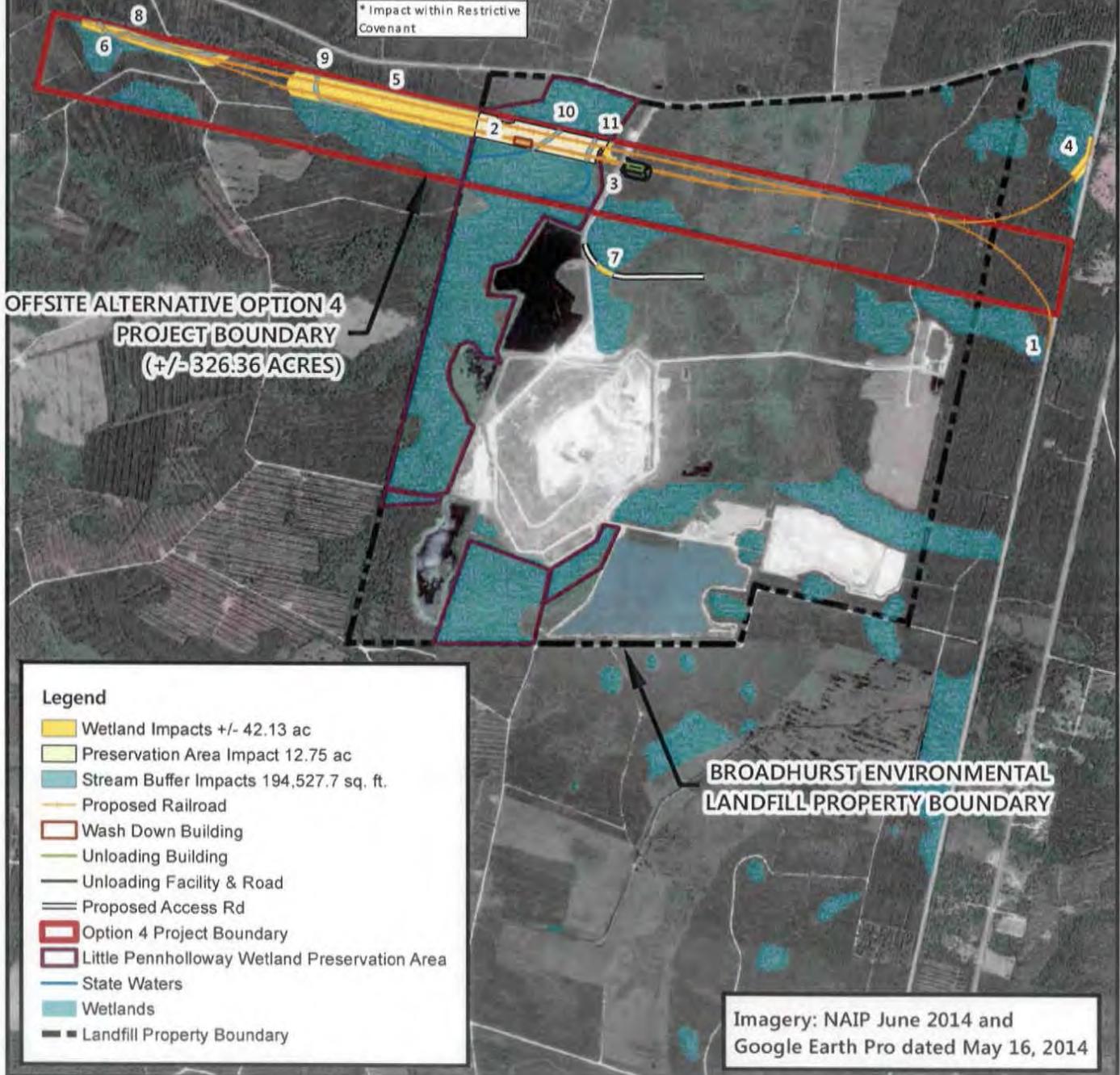
HODGES, HARBIN,
NEWBERRY & TRIBBLE, INC.

Consulting Engineers

Total Restrictive Covenant Impacts
(Including Non-Wetland)
13.33 acres

Wetland Impacts	
Label	Acres
1	0.036
2*	12.75
3	0.81
4	1.35
5	19.82
6	6.87
7	0.49
Total Acreage : 42.13 ac	
* Impact within Restrictive Covenant	

Stream Impacts		
Label	Buffer (Sq. Ft.)	Channel (Linear Ft.)
8	94,424.85	1,690.76
9	54,573.35	1,027.06
10	26,442.85	472.11
11	19,086.69	340.87
Total :	194,527.74 sq. ft.	3,530.8 ft



**OFFSITE ALTERNATIVE OPTION 4
PROJECT BOUNDARY
(+/- 326.36 ACRES)**

**BROADHURST ENVIRONMENTAL
LANDFILL PROPERTY BOUNDARY**

Legend

- Wetland Impacts +/- 42.13 ac
- Preservation Area Impact 12.75 ac
- Stream Buffer Impacts 194,527.7 sq. ft.
- Proposed Railroad
- Wash Down Building
- Unloading Building
- Unloading Facility & Road
- Proposed Access Rd
- Option 4 Project Boundary
- Little Pennholloway Wetland Preservation Area
- State Waters
- Wetlands
- Landfill Property Boundary

Imagery: NAIP June 2014 and Google Earth Pro dated May 16, 2014

Figure 10D - Aerial Map

Date: 10/8/2015



GRAPHIC SCALE IN FEET

**Offsite Alternative Option 4
CVP Rail Yard Project**

Wayne County, Georgia

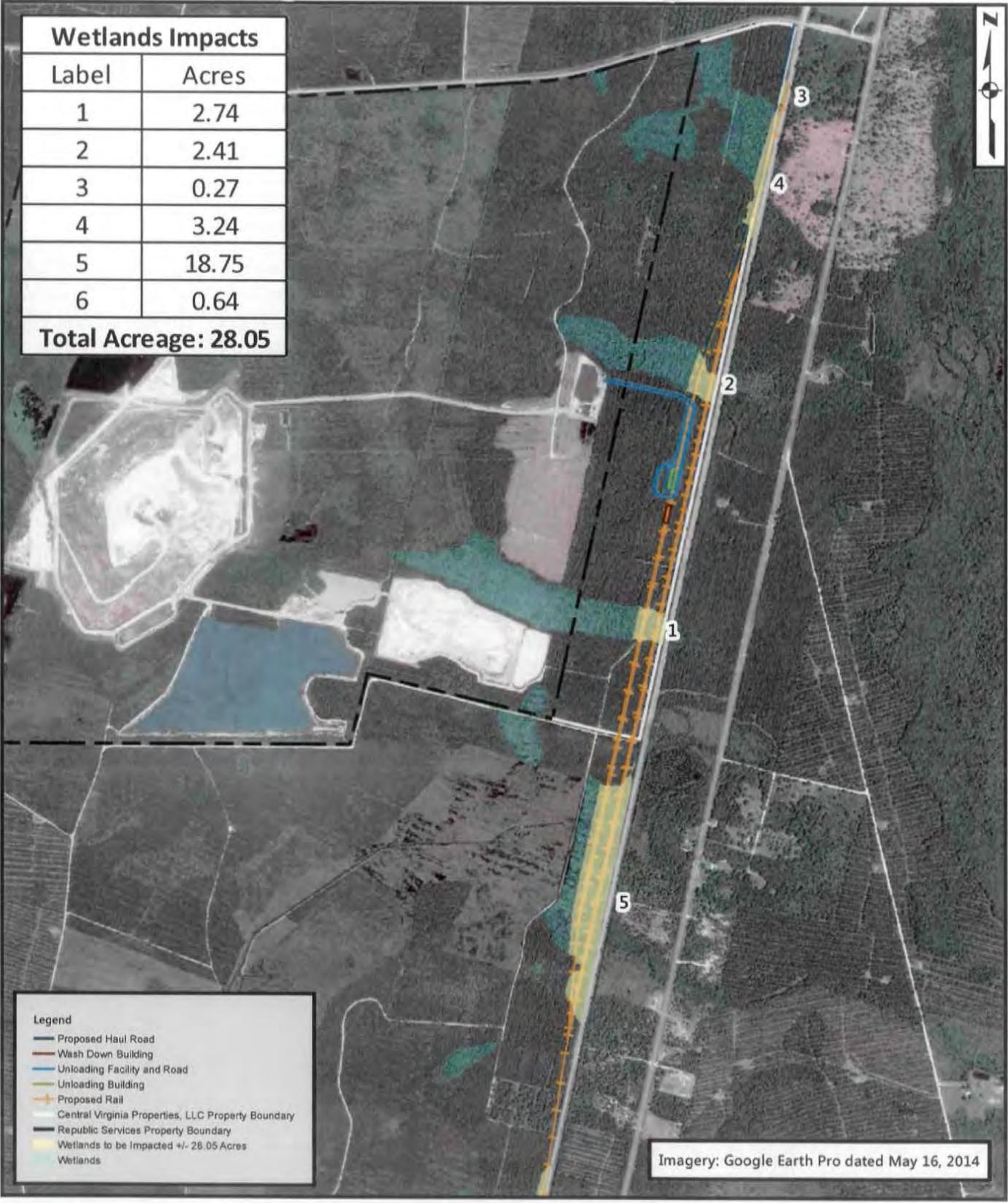


HODGES, HARBIN,
NEWBERRY & TRIBBLE, INC.

Consulting Engineers

Wetlands Impacts

Label	Acres
1	2.74
2	2.41
3	0.27
4	3.24
5	18.75
6	0.64
Total Acreage: 28.05	



Legend

- Proposed Haul Road
- Wash Down Building
- Unloading Facility and Road
- Unloading Building
- Proposed Rail
- Central Virginia Properties, LLC Property Boundary
- Republic Services Property Boundary
- Wetlands to be Impacted +/- 28.05 Acres
- Wetlands

Imagery: Google Earth Pro dated May 16, 2014

Figure 11 - Aerial Map

Date: 11/17/2015



GRAPHIC SCALE IN FEET

**Onsite Alternative Option 1
2,000 Foot Lead Track Option
CVP Rail Yard Project**

Wayne County, Georgia

HHNT

HODGES, HARBIN,
NEWBERRY & TRIBBLE, INC.

Consulting Engineers

Wetlands Impacts	
Label	Acres
1	3.3
2	2.64
3	3.21
4	20.8
5	0.01
Total Acreage: 29.96	

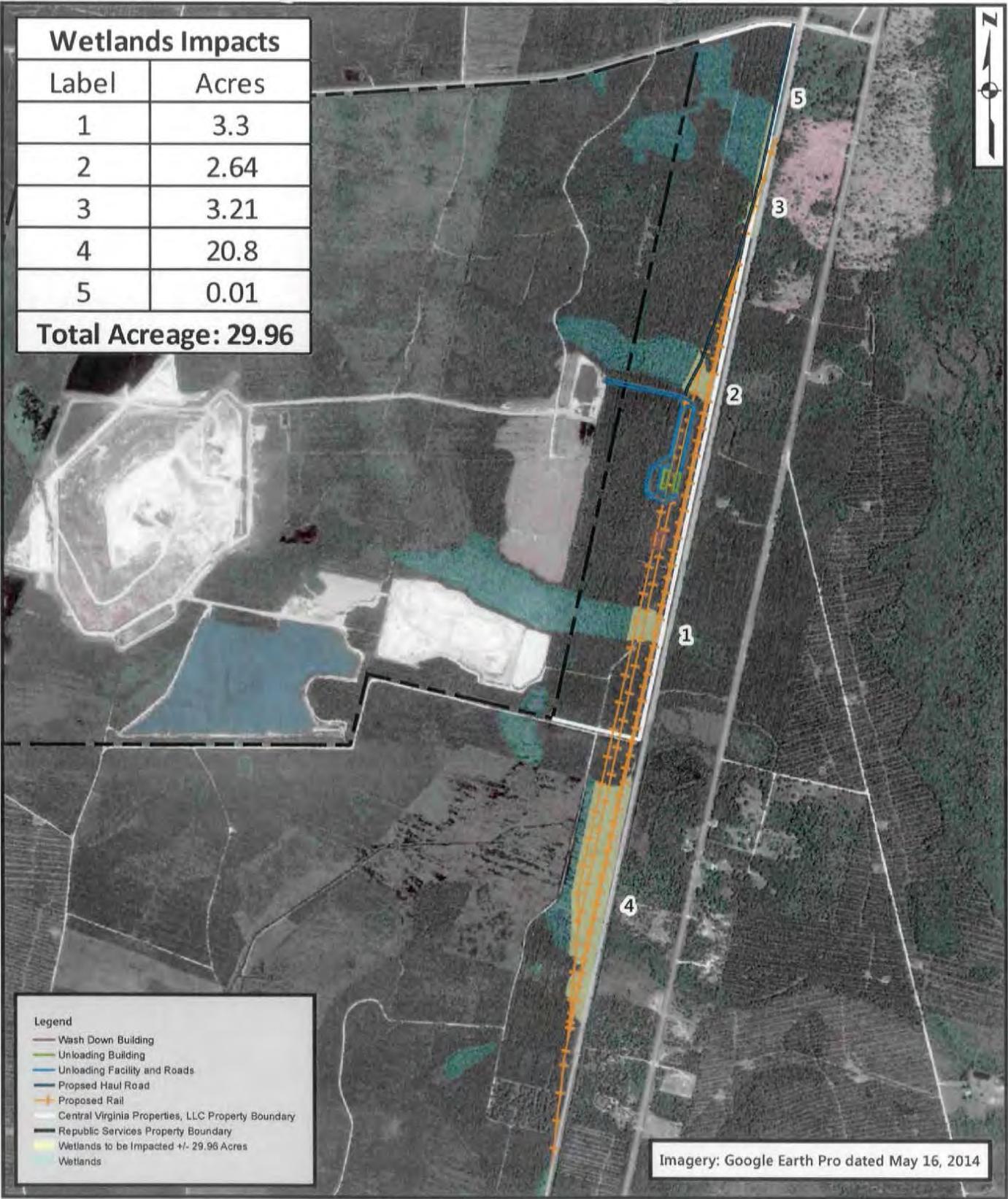
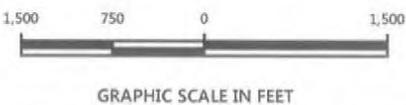


Figure 12 - Aerial Map
Date: 11/17/2015



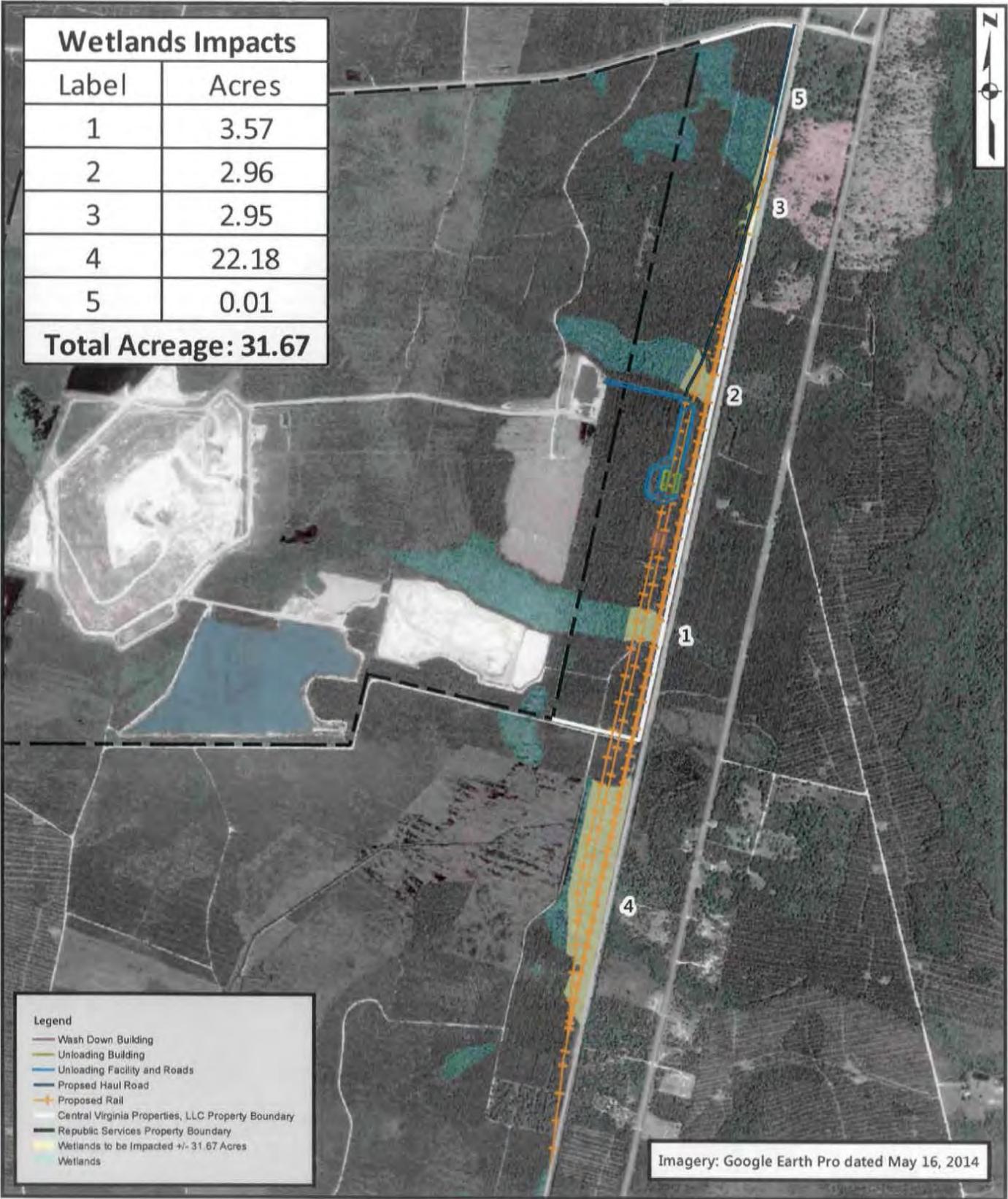
Onsite Alternative Option 2
Dual Unloading Option
CVP Rail Yard Project
Wayne County, Georgia

HHNT
HODGES, HARBIN,
NEWBERRY & TRIBBLE, INC.
Consulting Engineers

Wetlands Impacts

Label	Acres
1	3.57
2	2.96
3	2.95
4	22.18
5	0.01

Total Acreage: 31.67

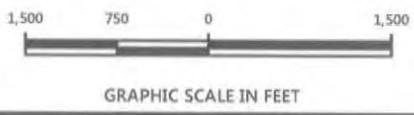


Legend

- Wash Down Building
- Unloading Building
- Unloading Facility and Roads
- Proposed Haul Road
- Proposed Rail
- Central Virginia Properties, LLC Property Boundary
- Republic Services Property Boundary
- Wetlands to be Impacted +/- 31.67 Acres
- Wetlands

Imagery: Google Earth Pro dated May 16, 2014

Figure 13 - Aerial Map
Date: 11/17/2015



Onsite Alternative Option 3
Rotary Unloading Option
CVP Rail Yard Project
Wayne County, Georgia

HHNT
HODGES, HARBIN,
NEWBERRY & TRIBBLE, INC.
Consulting Engineers

Wetlands Impacts	
Label	Acres
1	2.8
2	2.49
3	0.04
4	3.43
5	19.11
Total Acreage: 27.87	

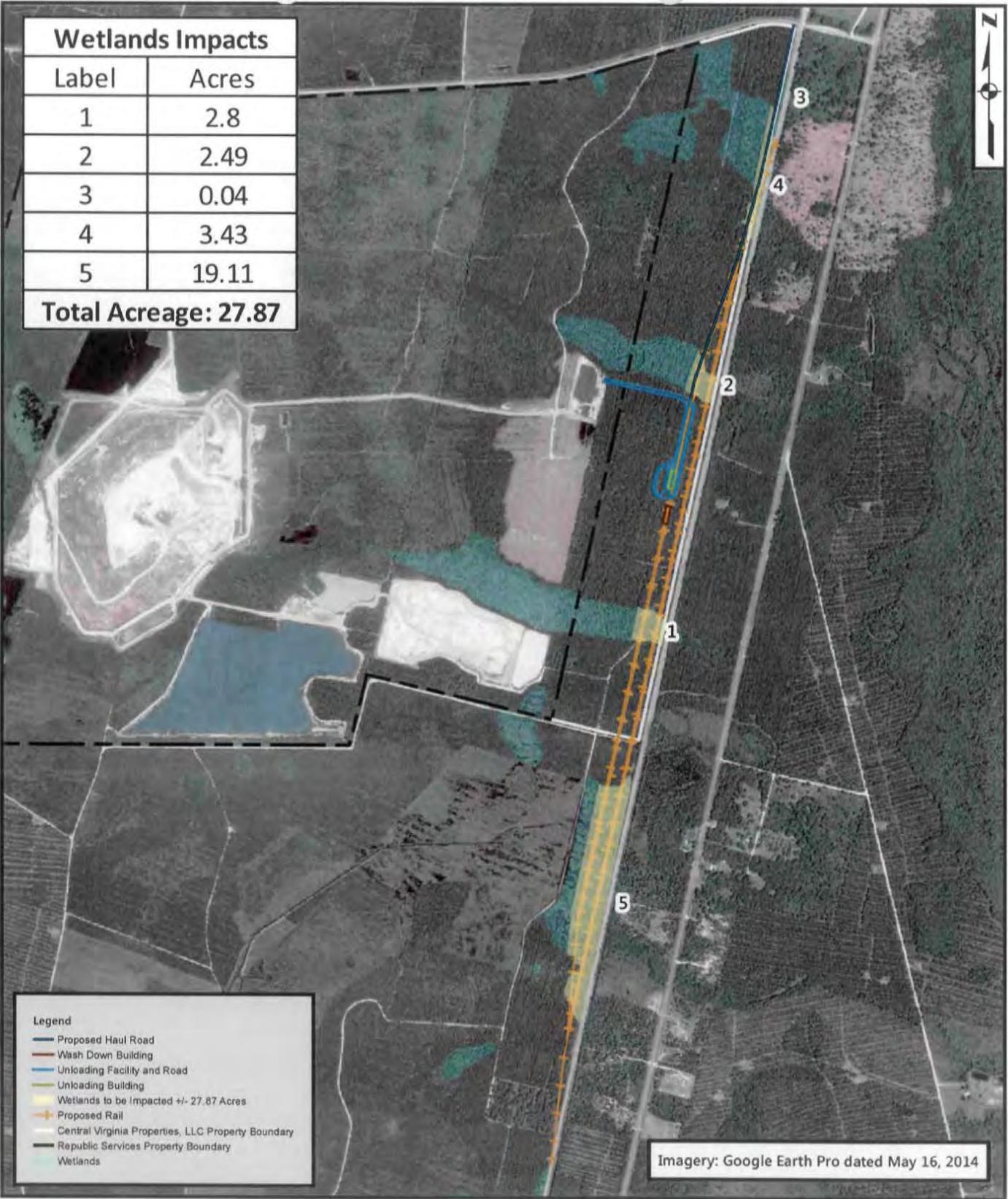


Figure 14 - Aerial Map

Date: 11/18/2015

1,500 750 0 1,500



GRAPHIC SCALE IN FEET

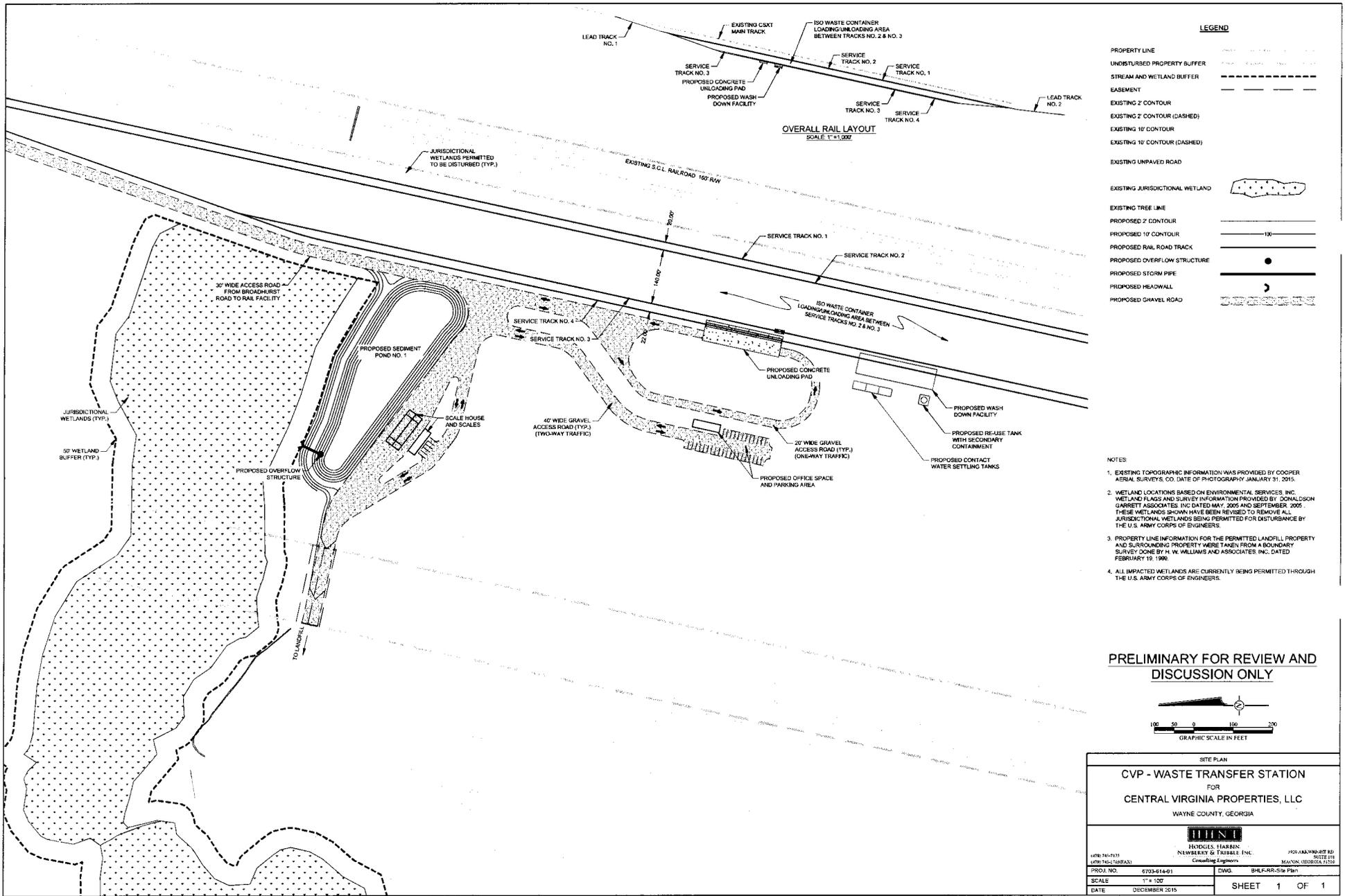
**Onsite Alternative Option 4
3:1 Side Slope Option
CVP Rail Yard Project**

Wayne County, Georgia

HHNT

HODGES, HARBIN,
NEWBERRY & TRIBBLE, INC.

Consulting Engineers



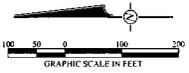
LEGEND

- PROPERTY LINE
- UNDISTURBED PROPERTY BUFFER
- STREAM AND WETLAND BUFFER
- EASEMENT
- EXISTING 2' CONTOUR
- EXISTING 2' CONTOUR (DASHED)
- EXISTING 10' CONTOUR
- EXISTING 10' CONTOUR (DASHED)
- EXISTING UNPAVED ROAD
- EXISTING JURISDICTIONAL WETLAND
- EXISTING TREE LINE
- PROPOSED 2' CONTOUR
- PROPOSED 10' CONTOUR
- PROPOSED RAIL ROAD TRACK
- PROPOSED OVERFLOW STRUCTURE
- PROPOSED STORM PIPE
- PROPOSED HEADWALL
- PROPOSED GRAVEL ROAD

NOTES

1. EXISTING TOPOGRAPHIC INFORMATION WAS PROVIDED BY COOPER AERIAL SURVEYS, CO. DATE OF PHOTOGRAPHY: JANUARY 31, 2015.
2. WETLAND LOCATIONS BASED ON ENVIRONMENTAL SERVICES, INC. WETLAND FLATS AND SURVEY INFORMATION PROVIDED BY DONALDSON GARRETT ASSOCIATES, INC. DATED MAY, 2005 AND SEPTEMBER, 2005. THESE WETLANDS SHOWN HAVE BEEN REVISED TO REMOVE ALL JURISDICTIONAL WETLANDS BEING PERMITTED FOR DISTURBANCE BY THE U.S. ARMY CORPS OF ENGINEERS.
3. PROPERTY LINE INFORMATION FOR THE PERMITTED LANDFILL PROPERTY AND SURROUNDING PROPERTY WERE TAKEN FROM A BOUNDARY SURVEY DONE BY H. W. WILLIAMS AND ASSOCIATES, INC. DATED FEBRUARY 19, 1990.
4. ALL IMPACTED WETLANDS ARE CURRENTLY BEING PERMITTED THROUGH THE U.S. ARMY CORPS OF ENGINEERS.

PRELIMINARY FOR REVIEW AND DISCUSSION ONLY



SITE PLAN	
CVP - WASTE TRANSFER STATION	
FOR	
CENTRAL VIRGINIA PROPERTIES, LLC	
WAYNE COUNTY, GEORGIA	
HNTB	
HODGES, HARRIS, NEWBERRY & TROUBLE, INC. Consulting Engineers	
PROJ. NO. E703-614-01	DWG. BHL-P-R-01-Site Plan
SCALE 1" = 100'	SHEET 1 OF 1
DATE DECEMBER 2015	