



REPLY TO
ATTENTION OF:

DEPARTMENT OF THE ARMY
U.S. ARMY ENGINEER DISTRICT, MOBILE DISTRICT
P.O. BOX 2288
MOBILE, ALABAMA 36628-0001

CESAM-RD-M
PUBLIC NOTICE NO. SAM-2011-01794-LET

December 17, 2014

JOINT PUBLIC NOTICE
U.S. ARMY CORPS OF ENGINEERS
AND
MISSISSIPPI DEPARTMENT OF ENVIRONMENTAL QUALITY
OFFICE OF POLLUTION CONTROL

RE-ADVERTISEMENT TO CONSTRUCT AN ETHANOL TRANSFER FACILITY
AND ASSOCIATED SIDING TRACK WITHIN THE CITY OF COLLINS,
COVINGTON COUNTY, MISSISSIPPI

TO WHOM IT MAY CONCERN:

This District has received an application for a Department of the Army permit pursuant to Section 404 of the Clean Water Act (33 USC 1344). Please communicate this information to interested parties.

APPLICANT: Englewood Enterprises, LLC
Attention: Mr. Kevin Condra
Post Office Box 4429
Chattanooga, Tennessee 37405

AGENT: Pittman Environmental Services, LLC
Attention: Mr. Bart Pittman
Post Office Box 1926
Purvis, Mississippi 39475

LOCATION OF WORK AND WATERWAY: The proposed project site is located adjacent to the west/south of the existing Canadian National Railroad (CNRR) mainline within the City of Collins. The project site is located adjacent to east of the existing Kinder Morgan Southeast Terminals and is bound to the south by Kola Road. More specifically, the project is located within portions of Sections 29 & 30 Township 8N, Range 15W, Covington County, Mississippi (Latitude 31.6626817 North, Longitude -89.534583 West).

The proposed project would impact one intermittent tributary and wetland habitat adjacent to the Okatoma Creek; a perennial tributary of the Leaf River (HUC 03170004) in the Pascagoula River Basin.

PROJECT PURPOSE: The project purpose of the proposed development is the construction of an ethanol transfer facility and associated loop rail within the City of Collins, Covington County, Mississippi. This facility will reduce the volume of ethanol transported by road, providing a safer and more efficient method of transport.

ALTERNATIVES: Three alternative sites were evaluated. The Applicant states that the proposed preferred site is the only property available that meets the required criteria for the project location. The location of the existing petroleum distribution terminals and of the main line rail dictates the proposed site as being the only feasible alternative. The minimum degree of curvature for these tracks dictates the layout and design of the proposed facility.

PROPOSED WORK: The construction of the proposed ethanol transfer facility and associated loop rail at this location will impact approximately 16.85 acres of jurisdictional wetland, 0.32 acres of open water, and 1,603 LF of intermittent stream.

All of the proposed stream impacts and all but 4.2 acres of the wetland impacts will occur within Phase I of construction. Phase I will begin as soon as the proper approvals are granted. The time table for Phase II and the remaining 4.2 acres of wetland impacts is unknown at this time.

The current site plan requires the alignment of the proposed track to follow the location of the existing intermittent stream. This alignment could not be shifted due to the provided design restrictions. The applicant proposes to fill and relocate approximately 1,369 LF of stream for rail alignment and 110 LF for new access road. The proposed stream re-alignment will be approximately 609 LF in length. The channel will be constructed with 3:1 slopes and seeded for immediate bank stabilization.

Two stream crossing locations are also required; one for the access road and one for the proposed rail. Both crossing (124 LF total) will utilize bottomless arch culverts to minimize stream impacts.

AVOIDANCE & MINIMIZATION:

Site: According to the applicant the proposed design, location, and alignment within the proposed site is the only property available that meets the required criteria for the project location. The ethanol transfer facility requires a location immediately adjacent to main line railroad, very close proximity to existing distribution terminals (less than 0.5 miles), and a minimum size that will accommodate two unit trains (a unit train being 85 cars or more) at any one time. The location of the existing

petroleum distribution terminals and of the main line rail dictates the proposed site as being the only feasible alternative. The proposed site requires the construction of two siding tracks to accommodate the two unit trains of 85 cars each. The 85 car capacity allows all cars to remain coupled and not have to be broke apart for transfer of ethanol. The rail provider will be able to safely and efficiently enter facility with "unit train" for ethanol transfer. The minimum degree of curvature for these tracks dictates the layout and design of the proposed facility.

Due to the location of the wetland/stream within the site and the requirements of tract length/minimum curvature, no on-site alternative could be designed or approved by the CN railroad that would minimize the area of wetland/stream impacts. The site is bound by the railroad and public road, eliminating options for track placement.

Storage Tanks: The storage tanks located within the western limits of the site can not be moved to the west due to limits of the property. Likewise the rail loop cannot be shifted west due to limits of the property. The rail loop has to begin its turn to the north as depicted due to the location of the existing Kinder Morgan Terminals. The rail loop currently runs north along the east-west boundary, as far west as possible. Assuming additional property could be purchased adjacent to the railroad and west of the proposed site, this area also contains large amounts of wetland and stream and it is likely that impacts associated with the rail loop would not decrease.

Stream Impact: This project is dependent upon its location adjacent to and connection with the existing CN railway. The CN railway has very restrictive design requirements and must approve the design of the proposed rail layout. The originally advertised Public Notice (June 26, 2014) included a design that incorporated a "long lead" or siding track to tie the proposed rail loop back to the existing mainline. This plan was approved by CN railroad based on aerial images and prior to the collection of field survey data. This previous Public Notice required significantly less stream impacts for construction. The applicant had preferred this site plan alternative due to lower construction/mitigation cost and less stream impacts.

Upon review of actual field survey data, it was determined that the "long lead" site plan would not be suitable. The current plan has been approved by the CN railroad. The current plan does not include the "long lead" and ties directly into the mainline at site location. The Corps has not verified the accuracy or adequacy of the applicant's avoidance and minimization at this time.

MITIGATION: The applicant proposes the purchase of wetland/stream credits from a Corps approved mitigation bank within the 6-digit HUC of impact site to compensate for the loss of functions resulting from unavoidable impacts. The Corps has not verified the adequacy of this mitigation proposal at this time.

WATER QUALITY: The applicant has applied for certification from the State of Mississippi in accordance with Section 401(a) (1) of the Clean Water Act, and upon completion of the required advertising, a determination relative to certification will be made by the Mississippi Department of Environmental Quality.

HISTORIC PROPERTIES: The agent representing the applicant submitted a Cultural Resource Assessment of the current permit review area to the Mississippi Department of Archives and History (MDAH) for review. A Cultural Resources Survey of the site was performed and has been reviewed by MDAH (MDAH Project Log #06-174-11 & Log #12-091-11 (Report #11-0337, Covington County). MDAH has concurred that no known archeological resources listed or eligible for listing are likely to be affected. MDAH advised in letters that they have no concerns with proposed undertaking. Copies of this public notice are being sent to the State Historic Preservation Officer.

ENDANGERED SPECIES: A pedestrian survey of the site was conducted for federally listed species during May and November of 2011. The results of the surveys were sent to the USFWS for review and concurrence of findings. By letter dated December 1, 2011, the USFWS has determined that the proposed project will have "no effect" on federally listed species.

This public notice is being distributed to all known interested persons in order to assist in developing facts on which a decision by the U.S. Army Corps of Engineers (Corps) can be based. For accuracy and completeness of the record, all data in support of or in opposition to the proposed work should be submitted in writing setting forth sufficient detail to furnish a clear understanding of the reasons for support or opposition. 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 use 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, cultural values, 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 production and in general, the needs and welfare of the people.

The Corps is soliciting comments from the public; Federal, State, and local agencies and officials; Indian 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 Corps 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.

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

Evaluation of the probable impacts involving deposits of dredged or fill material into waters of the United States will include the application of guidelines established by the Administrator of the U.S. Environmental Protection Agency.

Correspondence concerning this Public Notice should refer to Public Notice Number SAM-2011-01794-LET and should be directed to: U.S. Army Corps of Engineers Mobile District, Regulatory Division (RD-I-S), Attention: Rudolph C. Villarreal, Post Office Box 2288, Mobile, Alabama 36628-0001, with a copy furnished to the Mississippi Department of Environmental Quality, Office of Pollution Control, Environmental Permitting Division, Post Office Box 2261, Jackson, Mississippi 39225.

All Comments should be received no later than 30 days from the date of this Public Notice. If you have any questions concerning this publication, you may contact the project manager at telephone number (251) 690-3246, or by e-mail at rudolph.c.villarreal@usace.army.mil . Please refer to the above Public Notice number SAM-2011-01794-LET.

For additional information about our Regulatory Program, please visit our web site at www.sam.usace.army.mil/Missions/Regulatory.aspx , and please take a moment to complete our customer satisfaction survey while you're there. Your responses are appreciated and will allow us to improve our services.

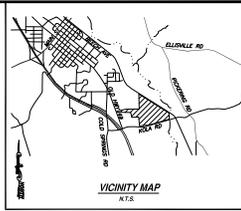
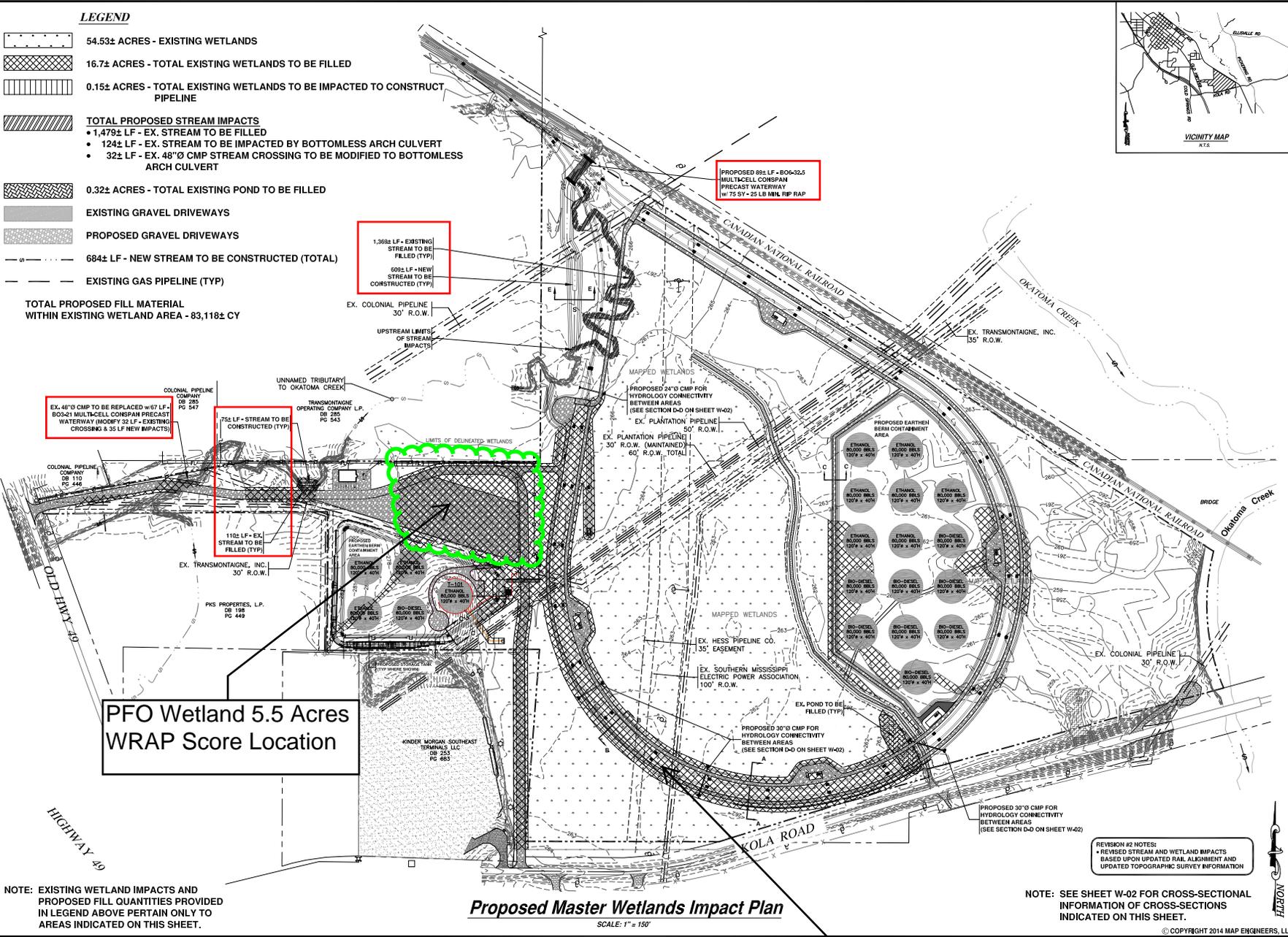
MOBILE DISTRICT
U.S. Army Corps of Engineers

Enclosures

LEGEND

-  54.53± ACRES - EXISTING WETLANDS
-  16.7± ACRES - TOTAL EXISTING WETLANDS TO BE FILLED
-  0.15± ACRES - TOTAL EXISTING WETLANDS TO BE IMPACTED TO CONSTRUCT PIPELINE
-  **TOTAL PROPOSED STREAM IMPACTS**
 - 1,479± LF - EX. STREAM TO BE FILLED
 - 124± LF - EX. STREAM TO BE IMPACTED BY BOTTOMLESS ARCH CULVERT
 - 32± LF - EX. 48" Ø CMP STREAM CROSSING TO BE MODIFIED TO BOTTOMLESS ARCH CULVERT
-  0.32± ACRES - TOTAL EXISTING POND TO BE FILLED
-  EXISTING GRAVEL DRIVEWAYS
-  PROPOSED GRAVEL DRIVEWAYS
-  684± LF - NEW STREAM TO BE CONSTRUCTED (TOTAL)
-  EXISTING GAS PIPELINE (TYP)

TOTAL PROPOSED FILL MATERIAL
WITHIN EXISTING WETLAND AREA - 83,118± CY



MAP ENGINEERS L.L.C.
 7300 Algonquin Lane
 Chattanooga, TN 37421
 Tel: 423.266.5119
 Fax: 423.266.5118

GRAPHIC SCALE
 1" = 150'
 0 150' 300' 450'

FOR:
COLLINS, MS ETHANOL TRANSPORT FACILITY
 ENGLEWOOD ENTERPRISES, LLC
 P.O. BOX 4429
 CHATTANOOGA, TN 37405

PROPOSED MASTER WETLANDS IMPACT PLAN

REVISIONS

NO.	DESC.	COMMENTS	DATE
1	DESIGN	06/29/14	
2	MISC. REVISIONS	10/27/14	
3			
4			

FILE: 11120W01.DWG

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DATE: 06/11/14
 DRAWN BY: KRE
 CHECKED BY: MAP
 PROJ. NUMBER: 11-120
 SHEET NUMBER: W-01

NOTE: EXISTING WETLAND IMPACTS AND PROPOSED FILL QUANTITIES PROVIDED IN LEGEND ABOVE PERTAIN ONLY TO AREAS INDICATED ON THIS SHEET.

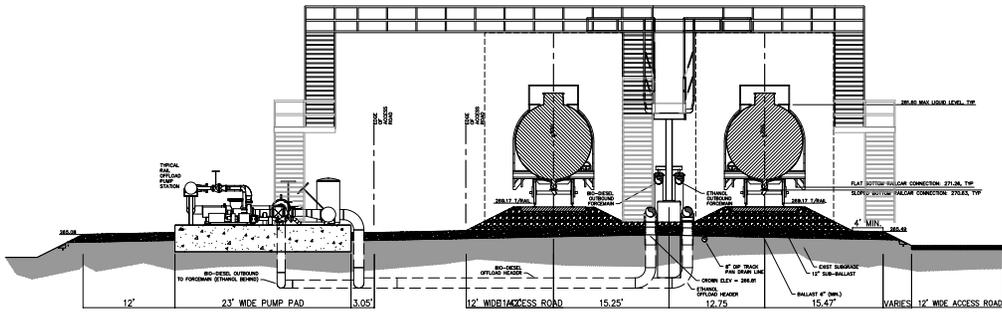
Proposed Master Wetlands Impact Plan

SCALE: 1" = 150'

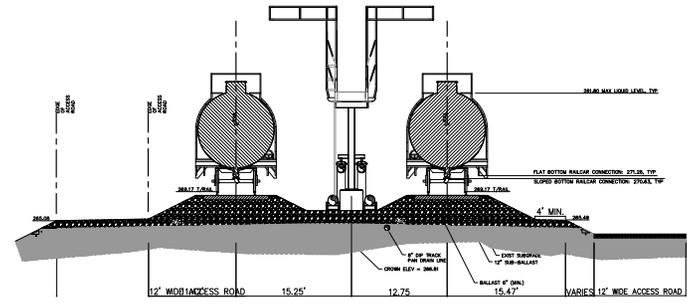
NOTE: SEE SHEET W-02 FOR CROSS-SECTIONAL INFORMATION OF CROSS-SECTIONS INDICATED ON THIS SHEET.

REVISION #2 NOTES:
 • REVISED STREAM AND WETLAND IMPACTS BASED UPON UPDATED RAIL ALIGNMENT AND UPDATED TOPOGRAPHIC SURVEY INFORMATION

PSS Wetland
 WRAP Location

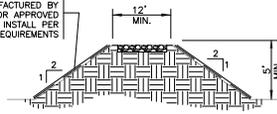


SECTION A-A
N.T.S.

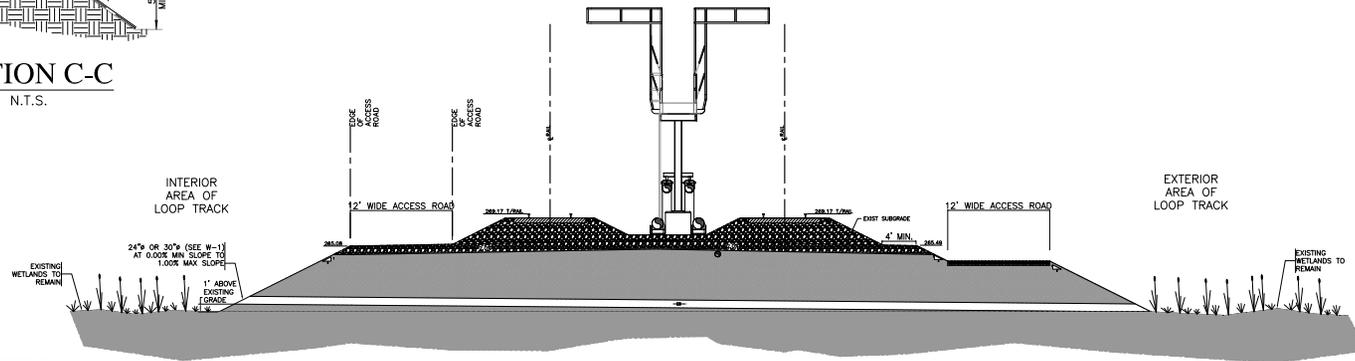


SECTION B-B
N.T.S.

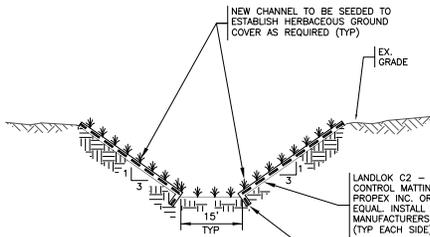
LANDLOK S1 EROSION CONTROL MATTING MANUFACTURED BY PROPEX INC. OR APPROVED EQUAL. INSTALL PER MANUFACTURERS REQUIREMENTS



SECTION C-C
N.T.S.



SECTION D-D
N.T.S.



SECTION E-E
N.T.S.

LANDLOK C2 - COCONUT EROSION CONTROL MATTING MANUFACTURED BY PROPEX INC. OR APPROVED EQUAL. INSTALL PER MANUFACTURERS REQUIREMENTS. (TYP EACH SIDE)

LANDLOK C2 MATTING TO HAVE A 4"-6" TOE w/EXTRA NAILINGS TO SECURE MATTING TO BOTTOM OF SLOPE AS REQUIRED. (TYP EACH SIDE)



PROJECT NUMBER: 11-120
 MAP ENGINEERS L.L.C.
 7500 Highway Lane
 Chattanooga, TN 37421
 PHONE: (423) 685-5110
 FAX: (423) 685-5110

GRAPHIC SCALE
 1" = 50'
 1" = 100'
 1" = 200'
 1" = 300'

**COLLINS, MS ETHANOL
 TRANSPORT FACILITY**

FOR:
ENLEWOOD ENTERPRISES, LLC
 P.O. BOX 4429
 CHATTANOOGA, TN 37405

CROSS SECTIONS

REVISIONS

NO.	MISC. REVISIONS	DATE
1		10/27/14
2		
3		
4		

FILE: 11120W02.DWG

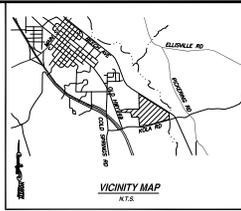
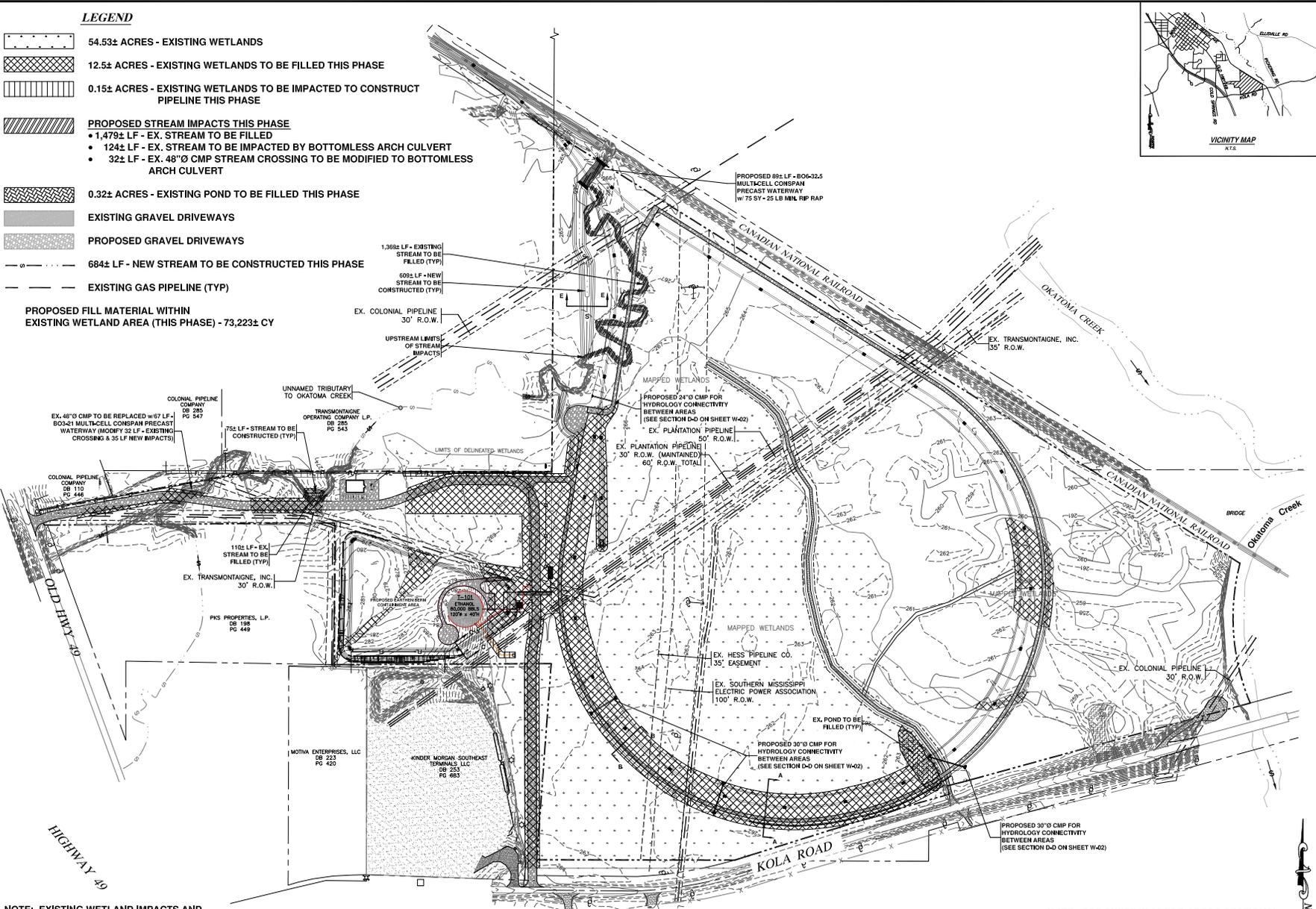
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DATE: 06/11/14
 DRAWN BY: KRE
 CHECKED BY: MPE
 PROJ. NUMBER: 11-120
 SHEET NUMBER: **W-02**

LEGEND

-  54.53± ACRES - EXISTING WETLANDS
-  12.5± ACRES - EXISTING WETLANDS TO BE FILLED THIS PHASE
-  0.15± ACRES - EXISTING WETLANDS TO BE IMPACTED TO CONSTRUCT PIPELINE THIS PHASE
-  **PROPOSED STREAM IMPACTS THIS PHASE**
 - 1,479± LF - EX. STREAM TO BE FILLED
 - 124± LF - EX. STREAM TO BE IMPACTED BY BOTTOMLESS ARCH CULVERT
 - 32± LF - EX. 48" Ø CMP STREAM CROSSING TO BE MODIFIED TO BOTTOMLESS ARCH CULVERT
-  0.32± ACRES - EXISTING POND TO BE FILLED THIS PHASE
-  EXISTING GRAVEL DRIVEWAYS
-  PROPOSED GRAVEL DRIVEWAYS
-  684± LF - NEW STREAM TO BE CONSTRUCTED THIS PHASE
-  EXISTING GAS PIPELINE (TYP)

PROPOSED FILL MATERIAL WITHIN EXISTING WETLAND AREA (THIS PHASE) - 73,223± CY



MAP ENGINEERS L.L.C.

7300 Applegate Lane
Chattanooga, TN 37421

GENERIC SCALE

1" = 500'

COLLINS, MS ETHANOL TRANSPORT FACILITY

FOR: ENGLEWOOD ENTERPRISES, LLC
P.O. BOX 4429
CHATTANOOGA, TN 37405

PROPOSED PHASE I WETLANDS IMPACT PLAN

REVISIONS

NO.	DATE	ISSUED
1	10/27/14	
2		
3		

FILE: 11120W01A.DWG

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DATE: 06/11/14
DRAWN BY: KRE
CHECKED BY: KMP
PROJ. NUMBER: 11-120
SHEET NUMBER: **W-01A**

NOTE: EXISTING WETLAND IMPACTS AND PROPOSED FILL QUANTITIES PROVIDED IN LEGEND ABOVE PERTAIN ONLY TO AREAS INDICATED ON THIS SHEET.

Proposed Phase I Wetlands Impact Plan

SCALE: 1" = 150'

NOTE: SEE SHEET W-02 FOR CROSS-SECTIONAL INFORMATION OF CROSS-SECTIONS INDICATED ON THIS SHEET.

LEGEND

-  54.53± ACRES - EXISTING WETLANDS
-  16.7± ACRES - TOTAL EXISTING WETLANDS TO BE FILLED
-  0.15± ACRES - TOTAL EXISTING WETLANDS TO BE IMPACTED TO CONSTRUCT PIPELINE
-  **TOTAL PROPOSED STREAM IMPACTS**
 - 1,479± LF - EX. STREAM TO BE FILLED
 - 124± LF - EX. STREAM TO BE IMPACTED BY BOTTOMLESS ARCH CULVERT
 - 32± LF - EX. 48"Ø CMP STREAM CROSSING TO BE MODIFIED TO BOTTOMLESS ARCH CULVERT
-  0.32± ACRES - TOTAL EXISTING POND TO BE FILLED
-  EXISTING GRAVEL DRIVEWAYS
-  PROPOSED GRAVEL DRIVEWAYS
-  684± LF - NEW STREAM TO BE CONSTRUCTED (TOTAL)
-  EXISTING GAS PIPELINE (TYP)

**TOTAL PROPOSED FILL MATERIAL
WITHIN EXISTING WETLAND AREA - 83,118± CY**

1,479 LF of fill relocate at two locations
124 LF of New Culvert
The 32 LF modification is not a new impact

Loc. 4

PROPOSED 88± LF - B06-32.5 MULTI-CELL CONSPAN PRECAST WATERWAY w/ 75 SY - 25 LB MIN. RIP RAP

Loc. 3

1,369± LF - EXISTING STREAM TO BE FILLED (TYP)
609± LF - NEW STREAM TO BE CONSTRUCTED (TYP)

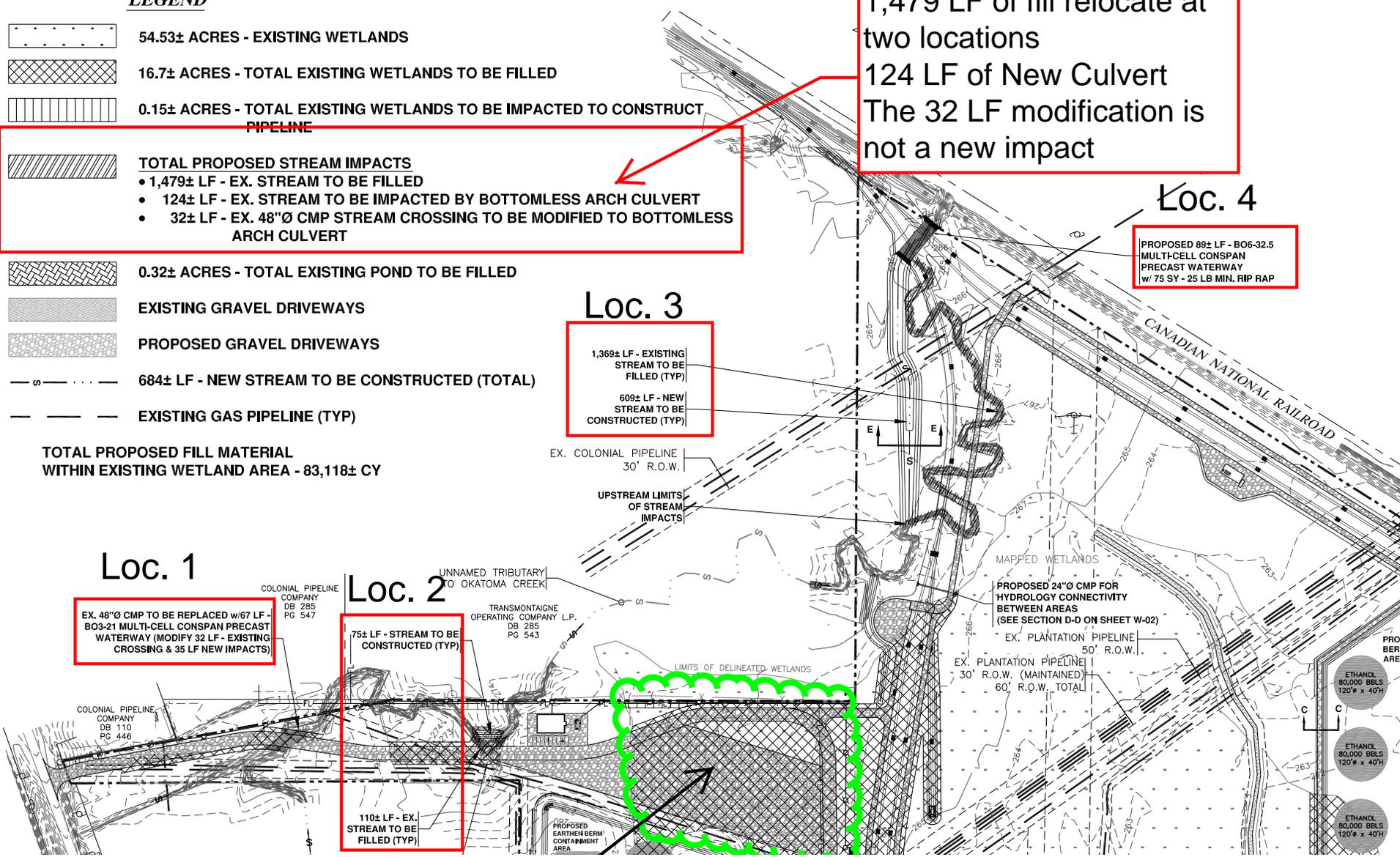
Loc. 1

EX. 48"Ø CMP TO BE REPLACED w/67 LF - B03-21 MULTI-CELL CONSPAN PRECAST WATERWAY (MODIFY 32 LF - EXISTING CROSSING & 35 LF NEW IMPACTS)

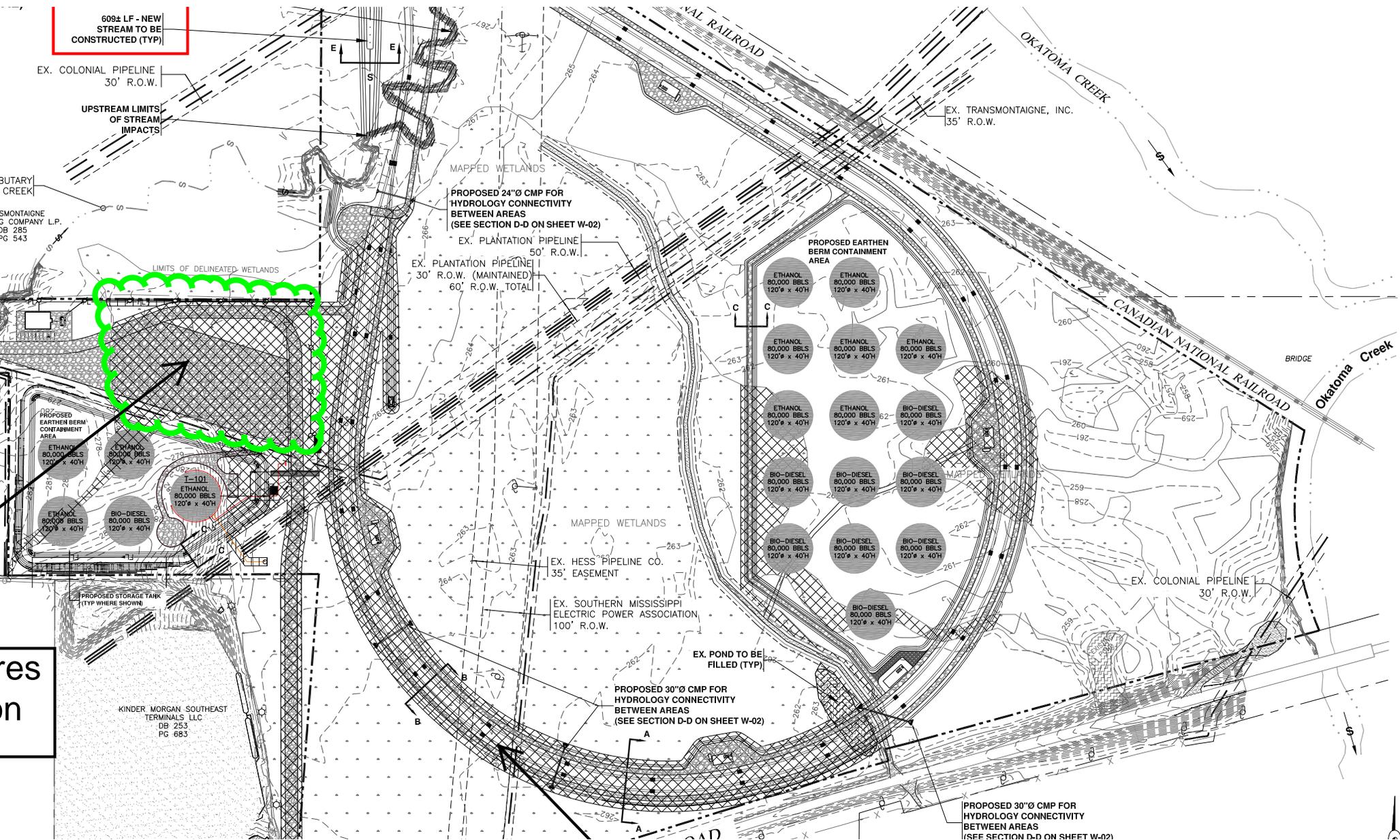
Loc. 2

75± LF - STREAM TO BE CONSTRUCTED (TYP)

110± LF - EX. STREAM TO BE FILLED (TYP)



Close up of Rail Loop



609± LF - NEW STREAM TO BE CONSTRUCTED (TYP)

EX. COLONIAL PIPELINE 30' R.O.W.

UPSTREAM LIMITS OF STREAM IMPACTS

BUTARY CREEK

TRANSMONTAIGNE, INC. COMPANY L.P. DB 285 PG 543

LIMITS OF DELINEATED WETLANDS

MAPPED WETLANDS

PROPOSED 24"Ø CMP FOR HYDROLOGY CONNECTIVITY BETWEEN AREAS (SEE SECTION D-D ON SHEET W-02)

EX. PLANTATION PIPELINE 50' R.O.W.

EX. PLANTATION PIPELINE 30' R.O.W. (MAINTAINED) 60' R.O.W., TOTAL

PROPOSED EARTHEN BERM CONTAINMENT AREA

ETHANOL 80,000 BBLs 120'Ø x 40'H

BIO-DIESEL 80,000 BBLs 120'Ø x 40'H

res n

KINDER MORGAN SOUTHEAST TERMINALS, LLC DB 253 PG 683

EX. POND TO BE FILLED (TYP)

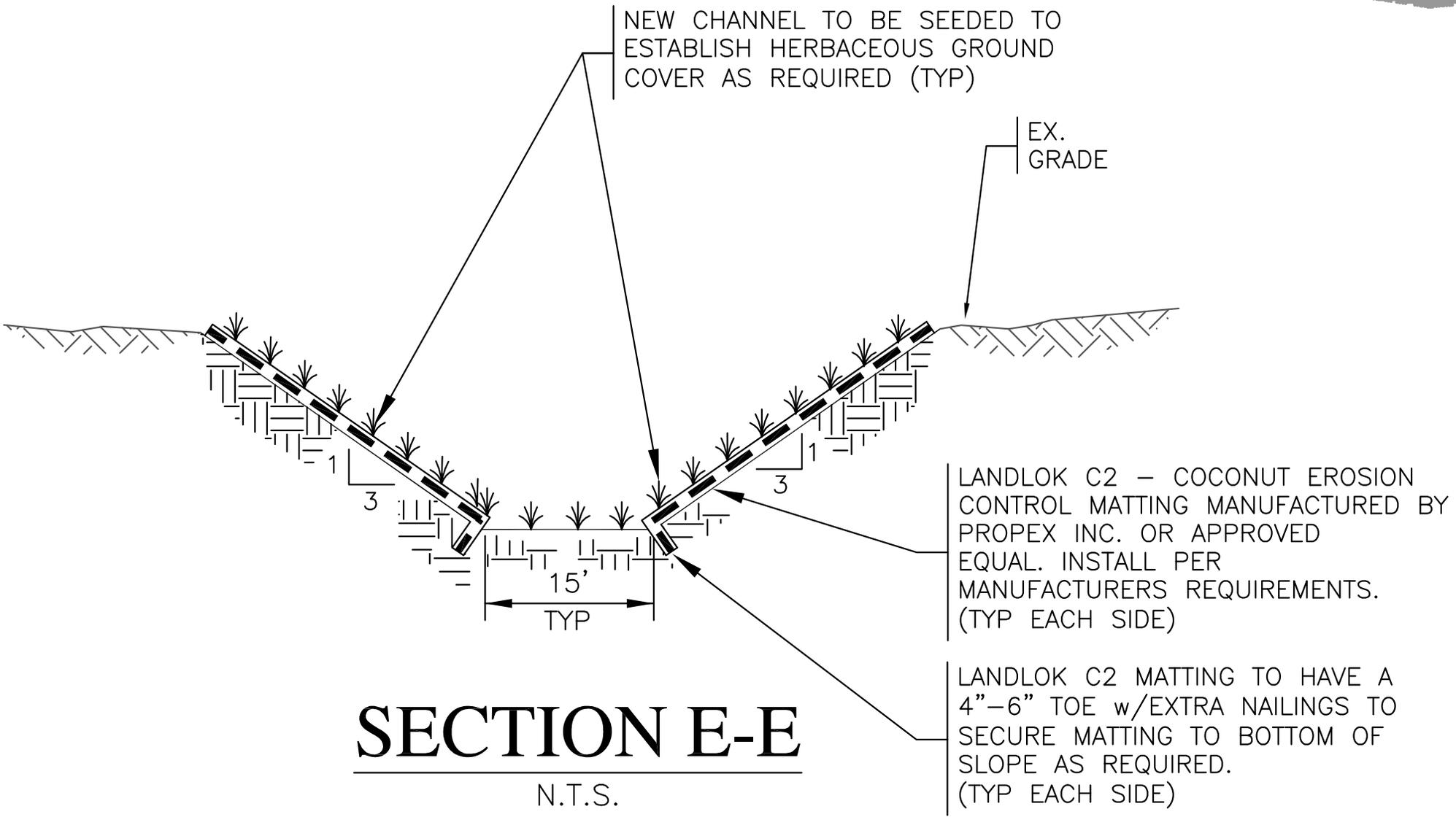
PROPOSED 30"Ø CMP FOR HYDROLOGY CONNECTIVITY BETWEEN AREAS (SEE SECTION D-D ON SHEET W-02)

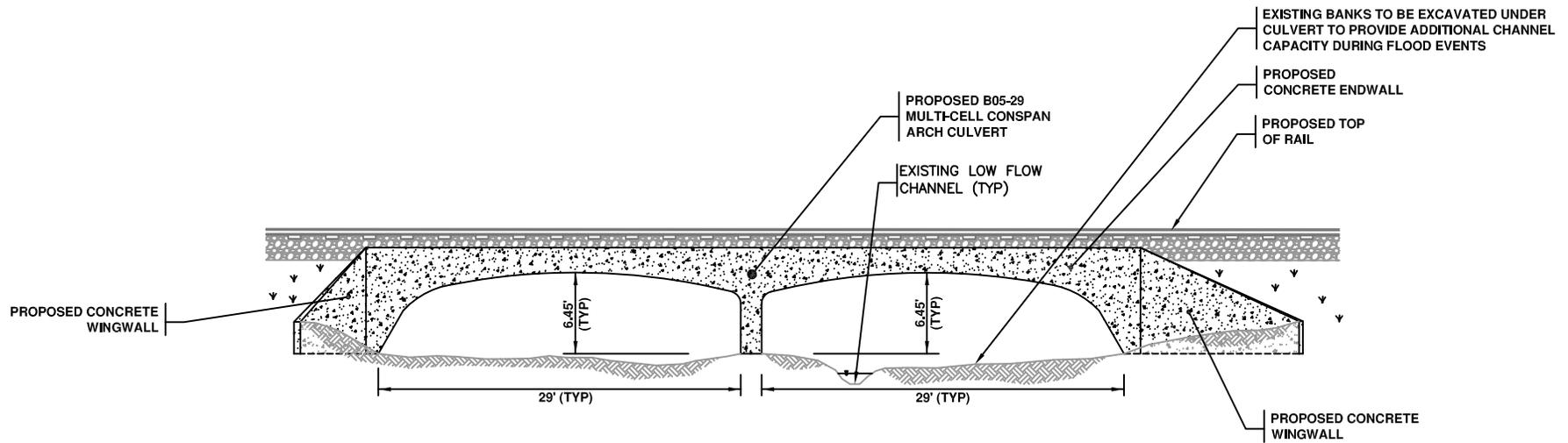
PROPOSED 30"Ø CMP FOR HYDROLOGY CONNECTIVITY BETWEEN AREAS (SEE SECTION D-D ON SHEET W-02)

EX. COLONIAL PIPELINE 30' R.O.W.

BRIDGE

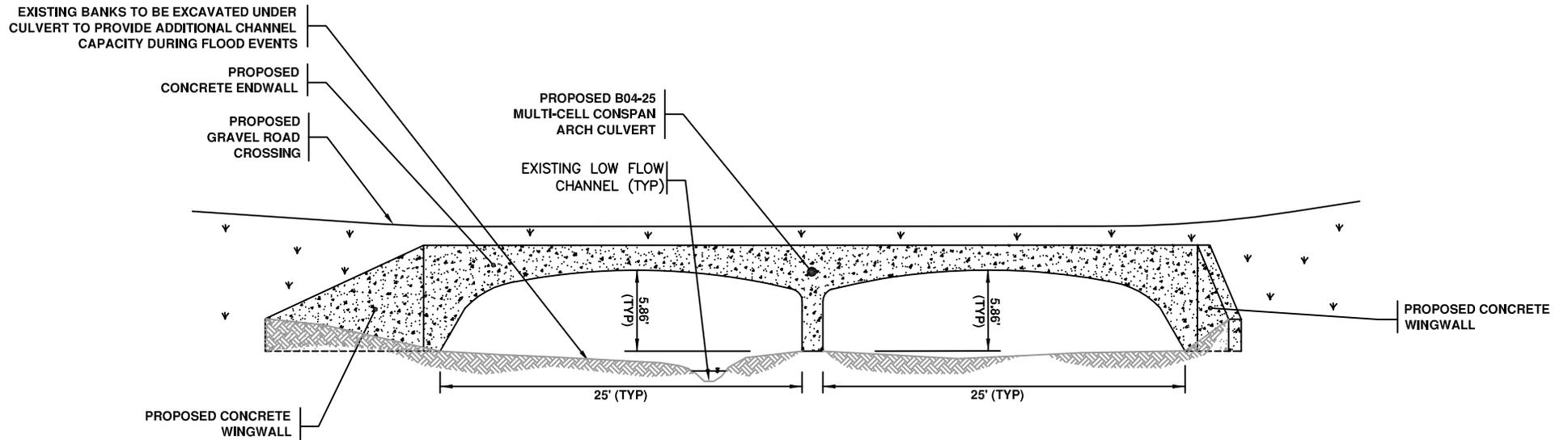
Okatoma Creek





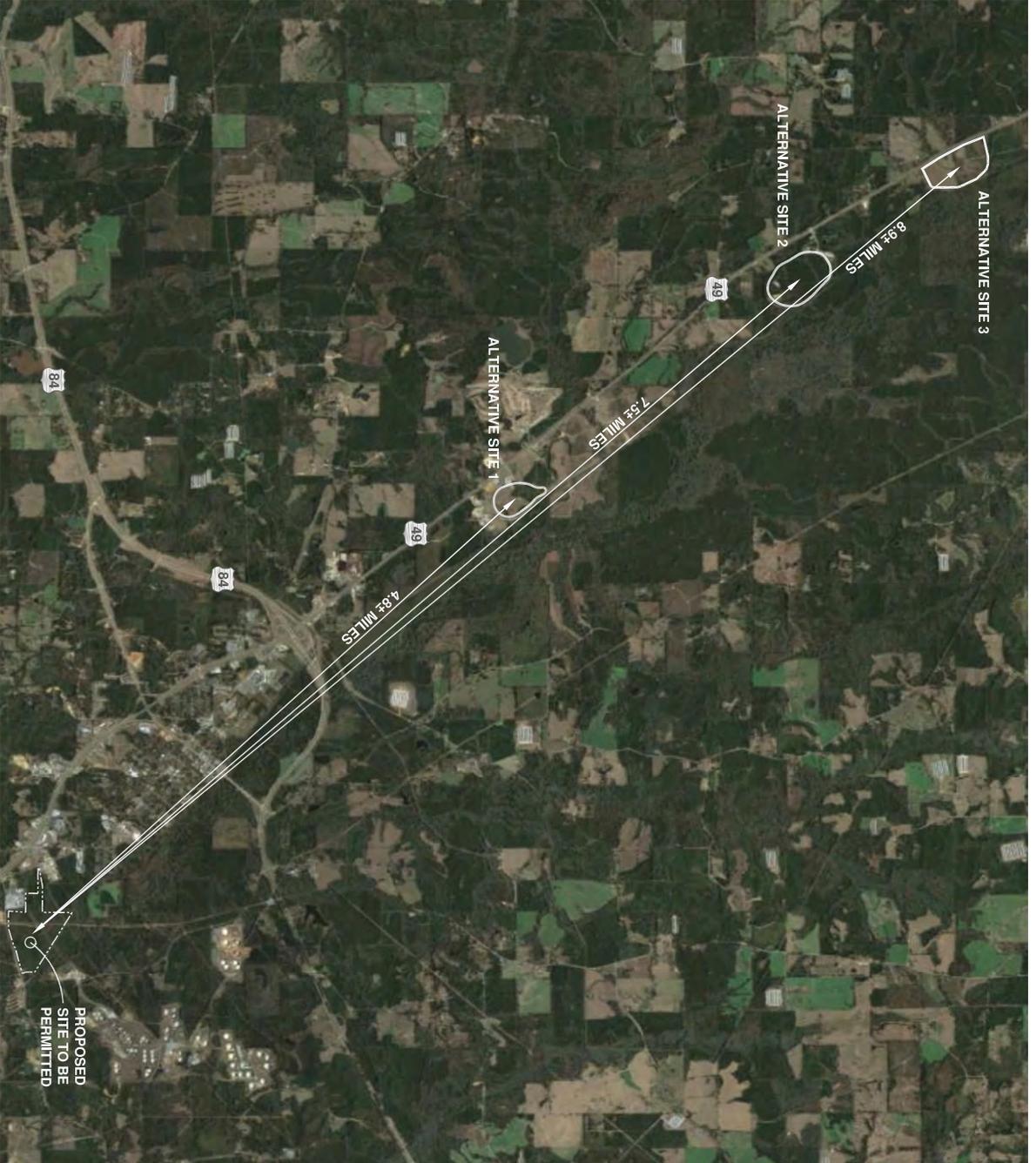
BO5-29 CONSPAN CULVERT SCHEMATIC END VIEW (LOCATION #1)

SCALE: N.T.S.



BO4-25 CONSPAN CULVERT SCHEMATIC END VIEW (LOCATION #4)

SCALE: N.T.S.



ALTERNATIVE SITE LOCATION PLAN

MAP PROJ. NO: 11-120
DATE: 04/21/14



Originally Submitted Site Plan

Delineation Limits Extend Beyond Proposed Impacts

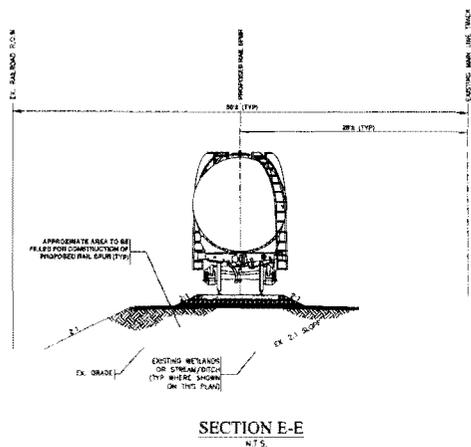
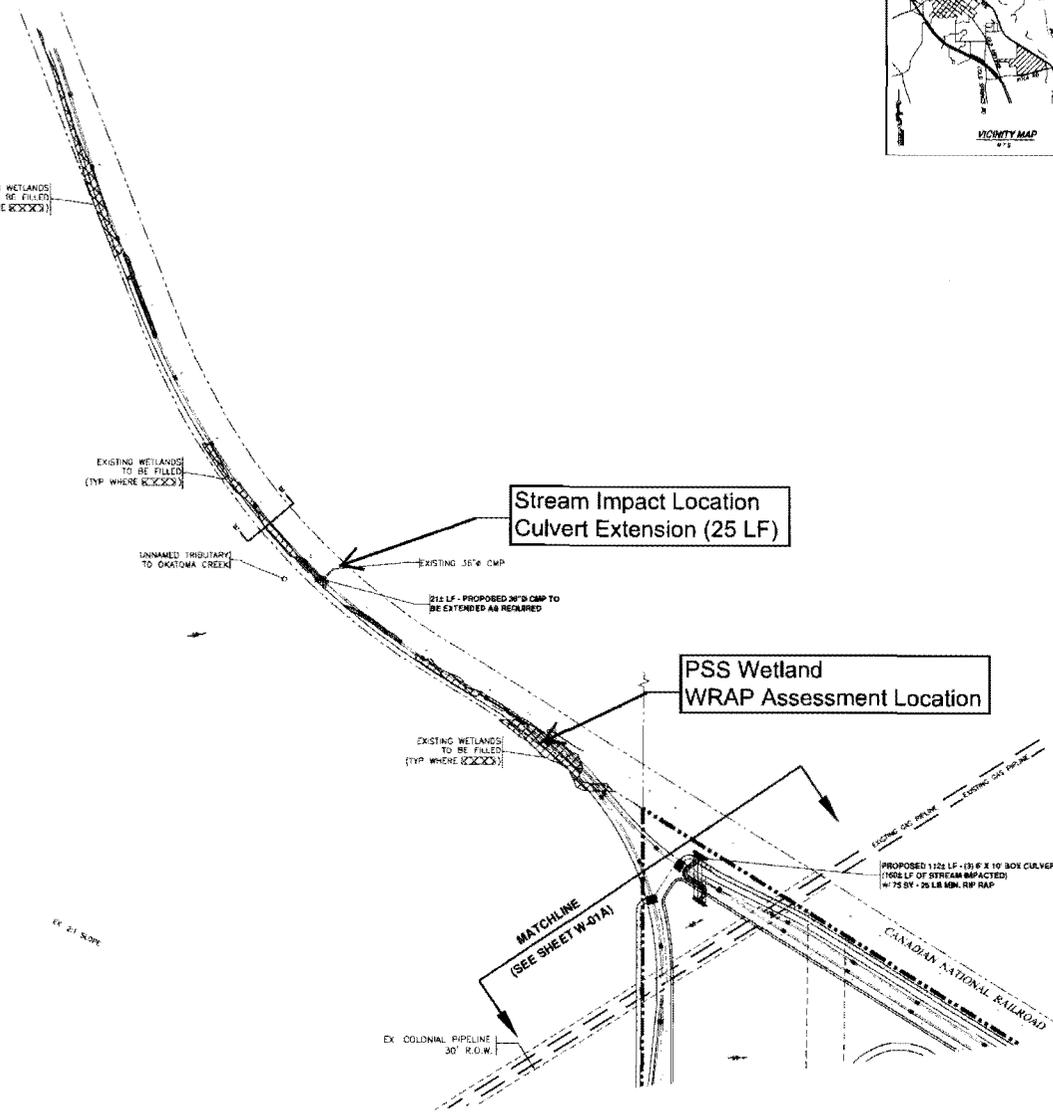
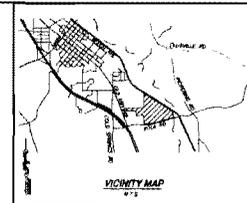
LEGEND

-  0.98± ACRES - EXISTING WETLANDS
-  0.75± ACRES - EXISTING WETLANDS TO BE FILLED
-  25± LF - TOTAL EXISTING INTERMITTENT STREAM TO BE IMPACTED
-  533± LF - TOTAL EXISTING EPHEMERAL STREAM/DITCH TO BE IMPACTED

TOTAL PROPOSED FILL MATERIAL WITHIN EXISTING WETLAND AREA - 2,800± CY

NOTE: EXISTING WETLAND IMPACTS AND PROPOSED FILL QUANTITIES PROVIDED IN LEGEND ABOVE PERTAIN ONLY TO AREAS INDICATED ON THIS SHEET.

Impacts shown on this map based on 6-4-14 wetland delineation. (Requesting PJD)



Proposed Wetlands Impact Plan
SCALE: 1" = 100'

MAP ENGINEERS L.L.C.

11120ND14.DWG

COLLINS, MS ETHANOL TRANSPORT FACILITY

FOR: ENGLEWOOD ENTERPRISES, LLC
P.O. BOX 4429
CHATTANOOGA, TN 37405

PROPOSED WETLANDS IMPACT PLAN

REVISIONS

NO.	DATE	DESCRIPTION

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DATE: 08/11/14
DRAWN BY: KRE
CHECKED BY: MAP
PROJ. NUMBER: 11-120
SHEET NUMBER: **W-01A**

Originally Submitted Site Plan

