

JOINT PUBLIC NOTICE

May 21, 2018

United States Army Corps of Engineers
New Orleans District
Regulatory Branch
7400 Leake Avenue
New Orleans, Louisiana 70118-3651

State of Louisiana
Department of Environmental Quality
Water Permits Division
Post Office Box 4313
Baton Rouge, Louisiana 70821-4313

(504) 862-2675
Project Manager
Jamie Crowe
Jamie.M.Crowe@usace.army.mil
Permit Application Number
MVN 2015-01559 CO

(225) 219-3225
Project Manager
Elizabeth Hill

WQC Application Number
WQC 180514-01

Interested parties are hereby notified that a permit application has been received by the New Orleans District of the U.S. Army Corps of Engineers pursuant to:
[] Section 10 of the Rivers and Harbors Act of March 3, 1899 (30 Stat. 1151; 33 USC 403); and/or [X] Section 404 of the Clean Water Act (86 Stat. 816; 33 USC 1344).

Application has also been made to the Louisiana Department of Environmental Quality, Office of Environmental Services, for a Water Quality Certification (WQC) in accordance with statutory authority contained in LRS30:2047 A(3), and provisions of Section 401 of the Clean Water Act (P.L.95-17).

WIDENING AND EXTENSION OF COOK ROAD IN LIVINGSTON PARISH

NAME OF APPLICANT: Livingston Parish, c/o Foret Environmental Services, Inc., 9040 Briarwood Place, Baton Rouge, Louisiana 70809.

LOCATION OF WORK: Within the Lake Pontchartrain Basin, in Amite River hydrologic unit (HUC 08070202). Beginning at the intersection of Louisiana Highway 16 and Cook road, near Denham Springs, Louisiana, in Livingston Parish.

CHARACTER OF WORK: The applicant has requested authorization to clear, grade, and fill an area to allow for the widening of Cook Road, construction of a new bridge over Grey's Creek, and construction of a turnaround at the intersection of Cook Road and LA-16. The proposed bridge will consist of an 84' x 140' slab span, pile-supported bridge. The new bridge and widening of Cook Road will result in impacts to 2.5 acres of jurisdictional wetlands and 1.3 acres of other waters. For these impacts, the applicant has agreed to purchase wetland credits from a Corps approved bank located within the watershed of impact.

The newly improved Cook Road will tie into Juban Development, which was

authorized by permit number MVN 2005-4490 CZ. The Juban development permit authorized a road extending throughout the property and ending aligned with Cook Road. This road is in the process of being relinquished from the permit from Juban Development and transferred to Livingston Parish. The road has been mostly constructed in conjunction with Juban Development. However, the portion along the western boundary of the site has yet to be constructed. Livingston Parish is now proposing to modify the unconstructed portion of the authorized road to include six 8' x 7' x 124' concrete box culverts and fill at the crossing of the unnamed waterway. All wetland impacts within the boundary of the original authorization have been mitigated for. No additional wetland impacts will occur as a result of this modification. Thus, no additional mitigation will be assessed for the modification of the previously permitted road.

The applicant has stated that the project has been designed to avoid and minimize direct and secondary adverse impacts to the maximum extent practicable. Any further reduction was deemed impracticable. During construction, best management practices (BMP's) will be implemented to prevent impacts to adjacent properties.

The comment period for the Department of the Army Permit and the Louisiana Department of Environmental Quality WQC will close **20 days** from the date of this joint public notice. Written comments, including suggestions for modifications or objections to the proposed work, stating reasons thereof, are being solicited from anyone having interest in this permit and/or this WQC request and must be mailed, so as to be received before or by the last day of the comment period. Letters concerning the Corps of Engineers permit application must reference the applicant's name and the Permit Application Number, and be mailed to the Corps of Engineers at the address above, **ATTENTION: REGULATORY BRANCH**. The application for this proposed project is on file with the Louisiana Department of Environmental Quality and may be examined weekdays between 8:00 a.m. and 4:30 p.m. Copies may be obtained upon payment of costs of reproduction. Individuals or parties may request an extension of time in which to comment on the proposed work by writing or e-mailing the Corps of Engineers Project Manager listed above. Any request must be specific and substantively supportive of the requested extension, and received by this office prior to the end of the initial comment period. The Section Chief will review the request and the requestor will be promptly notified of the decision to grant or deny the request. If granted, the time extension will be continuous to the initial comment period and, inclusive of the initial comment period, will not exceed a total of 30 calendar days. Letters concerning the Water Quality Certification must reference the applicant's name and the WQC Application number and be mailed to the Louisiana Department of Environmental Quality at the address above.

Corps of Engineers Permit Criteria

The decision whether to issue a permit will be based on an evaluation of the probable impacts, 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, floodplain 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.

The U.S. Army Corps of Engineers 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 U.S. Army Corps of Engineers to determine whether to make, 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 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.

The New Orleans District is unaware of properties listed on the National Register of Historic Places near the proposed work. The possibility exists that the proposed work may damage or destroy presently unknown archeological, scientific, prehistorical, historical sites, or data. Copies of this notice are being sent to the State Archeologist and State Historic Preservation Officer.

Our initial finding is that the proposed work would not affect any species, nor affect any habitat designated as critical to the survival and recovery of such species, listed as endangered by the U.S. Department of Commerce.

The New Orleans District has determined that the proposed project is located in waters known to be utilized by the west Indian manatee (*Trichechus manatus*) and determined that the proposed activity is not likely to adversely affect the species. This determination is based on the Standard Local Operating Procedure for Endangered Species of Louisiana (SLOPES), dated October 22, 2014, between the U.S. Army Corps of Engineers and U.S. Fish and Wildlife Service, Ecological Services Office.

This notice initiates the Essential Fish Habitat (EFH) consultation requirements of the Magnuson-Stevens Fishery Conservation and Management Act. The applicant's proposal would result in the destruction or alteration of **n/a acres** of EFH utilized by various life stages of red drum and penaeid shrimp. Our initial determination is that the proposed action would not have a substantial adverse impact on EFH or federally managed fisheries in the Gulf of Mexico. Our final determination relative to project impacts and the need for mitigation measures is subject to review by and coordination

with the National Marine Fisheries Service.

If the proposed work involves deposits of dredged or fill material into navigable waters, the evaluation of the probable impacts will include the application of guidelines established by the Administrator of the Environmental Protection Agency. Also, a certification that the proposed activity will not violate applicable water quality standards will be required from the Department of Environmental Quality, Office of Environmental Services, before a permit is issued.

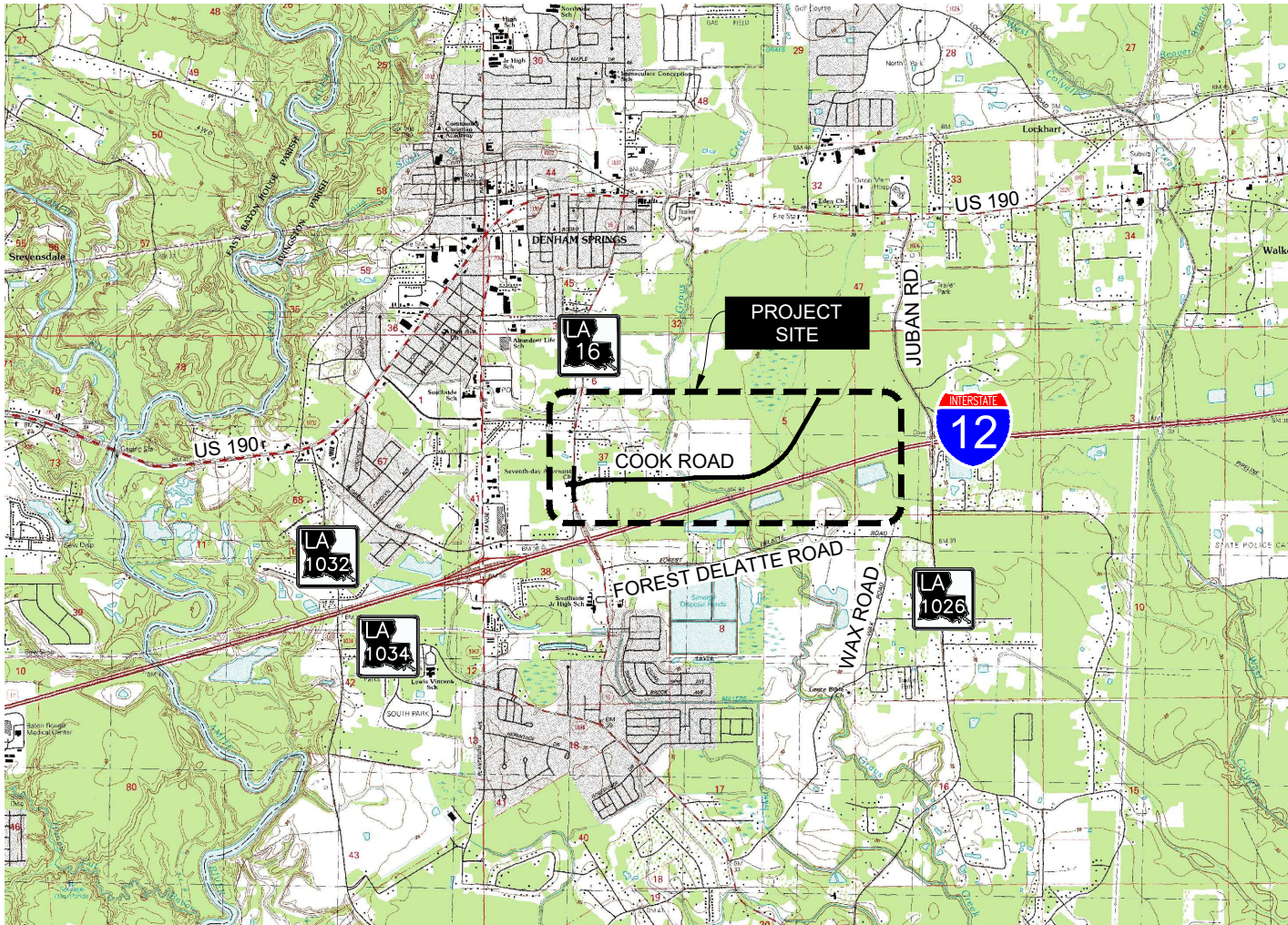
Any person may request, in writing, within the comment period specified in this notice, that a public hearing be held to consider this application. Requests for public hearings shall state, with particularity, the reasons for holding a public hearing. You are requested to communicate the information contained in this notice to any other parties whom you deem likely to have interest in the matter.

You are requested to communicate the information contained in this notice to any other parties whom you deem likely to have interest in the matter.

John M. Herman
Chief, Central Evaluation Section
Regulatory Branch

Enclosure

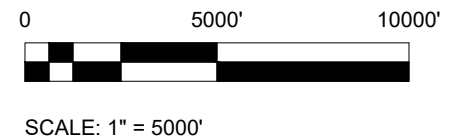
R:\2003\83145 - Cook Road\Cad - (Corps Permit)\Production Plan\83145 - Vicinity Map.dwg



AREA SUMMARY

SECTION 37
 T-7-S, R-3-E
 LAT: 30°27'45" LONG: 90°55'58"
 DENHAM SPRINGS, LOUISIANA

GRAPHIC SCALE



FORET
 ENVIRONMENTAL SERVICES, INC.

COOK RD. VICINITY MAP
 LIVINGSTON PARISH

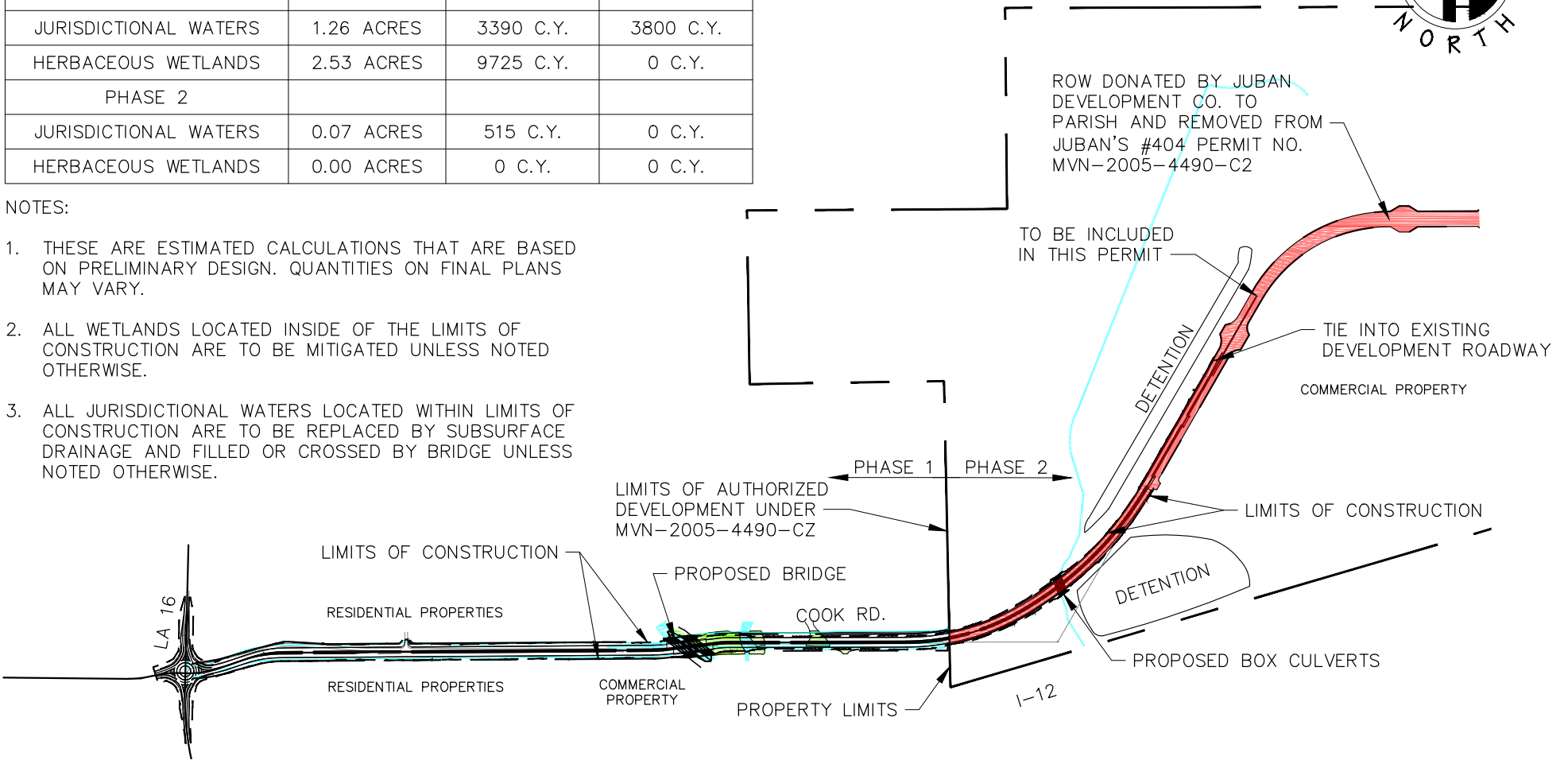
DRAWN:	MNM	DATE:	07/2017
APPROVED:	GF		
DRAWING:	1		

IMPACTED AREAS			
	AREA	FILL VOLUME	CUT VOLUME
PHASE 1			
JURISDICTIONAL WATERS	1.26 ACRES	3390 C.Y.	3800 C.Y.
HERBACEOUS WETLANDS	2.53 ACRES	9725 C.Y.	0 C.Y.
PHASE 2			
JURISDICTIONAL WATERS	0.07 ACRES	515 C.Y.	0 C.Y.
HERBACEOUS WETLANDS	0.00 ACRES	0 C.Y.	0 C.Y.



NOTES:

1. THESE ARE ESTIMATED CALCULATIONS THAT ARE BASED ON PRELIMINARY DESIGN. QUANTITIES ON FINAL PLANS MAY VARY.
2. ALL WETLANDS LOCATED INSIDE OF THE LIMITS OF CONSTRUCTION ARE TO BE MITIGATED UNLESS NOTED OTHERWISE.
3. ALL JURISDICTIONAL WATERS LOCATED WITHIN LIMITS OF CONSTRUCTION ARE TO BE REPLACED BY SUBSURFACE DRAINAGE AND FILLED OR CROSSED BY BRIDGE UNLESS NOTED OTHERWISE.

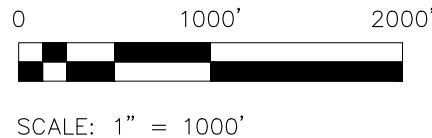


AREA SUMMARY

PHASE 1
 1801.03 FEET = ROADWAY EXPANSION (TOTAL PROJECT)
 3906.82 FEET = EXISTING ROADWAY TO BE WIDENED
 1876.02 FEET = ROADWAY IN JURISDICTIONAL WATERS
 589.26 FEET = ROADWAY IN WETLANDS

PHASE 2
 2683.51 FEET = ROADWAY EXPANSION
 15.71 FEET = ROADWAY CROSSING JURISDICTIONAL WATERS

GRAPHIC SCALE



LATITUDE 30°27'45"
 LONGITUDE 90°55'58"

SECTION:
 37
 T-7-S, R-3-E

LEGEND

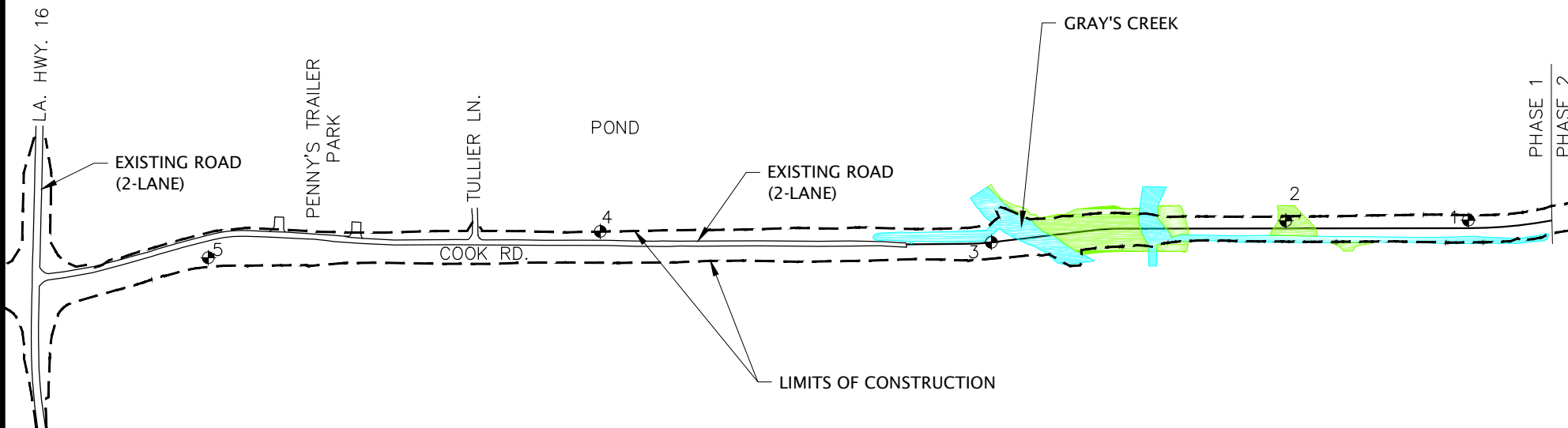
- LIMITS OF CONSTRUCTION
- OTHER WATERS OF THE U.S.
- HERBACEOUS WETLANDS
- ROADWAY INCLUDED IN 404 PERMIT

FORET

ENVIRONMENTAL SERVICES, INC.

COOK RD. OVERALL PROPOSED SITE
 LIVINGSTON PARISH

DRAWN: AER
 APPROVED: JPO
 DATE: 07/2017
 DRAWING: 2



SEE SHEET 15 FOR PHASE 2 OVERALL

GRAPHIC SCALE

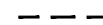





SCALE: 1" = 500'

LATITUDE 30°27'45"
LONGITUDE 90°55'58"

SECTION:
37
T-7-S, R-3-E

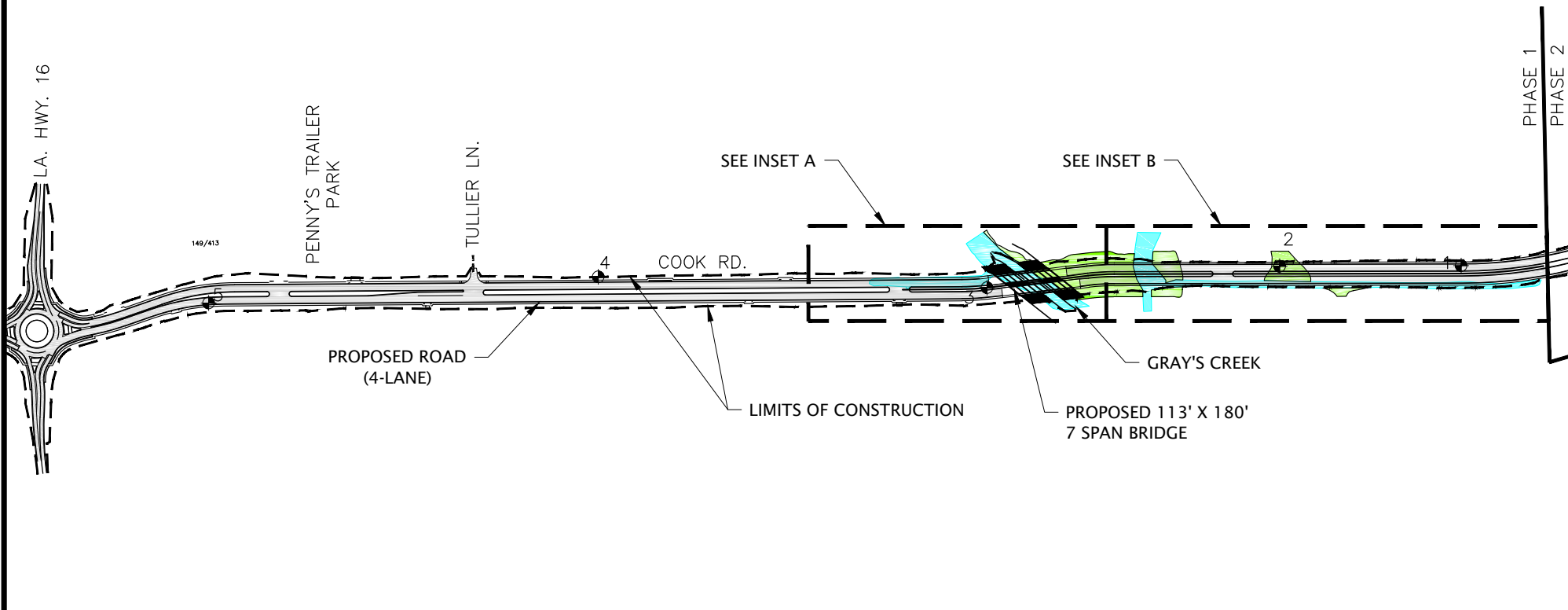
LEGEND

-  LIMITS OF CONSTRUCTION
-  OTHER WATERS OF THE U.S.
-  DATA POINTS
-  HERBACEOUS WETLANDS

FORET
ENVIRONMENTAL SERVICES, INC.

COOK RD. EXISTING SITE MAP PHASE 1
LIVINGSTON PARISH

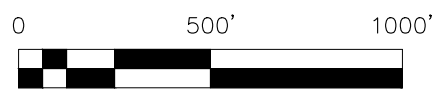
DRAWN:	MNM	DATE:	07/2017
APPROVED:	GF		
DRAWING:	3		



AREA SUMMARY

PHASE 1
 1801.03 FEET = ROADWAY EXPANSION (TOTAL PROJECT)
 3906.82 FEET = EXISTING ROADWAY TO BE WIDENED
 1876.02 FEET = ROADWAY IN JURISDICTIONAL WATERS
 589.26 FEET = ROADWAY IN WETLANDS

GRAPHIC SCALE



SCALE: 1" = 500'

LATITUDE 30°27'45"
 LONGITUDE 90°55'58"

SECTION:
 37
 T-7-S, R-3-E

LEGEND

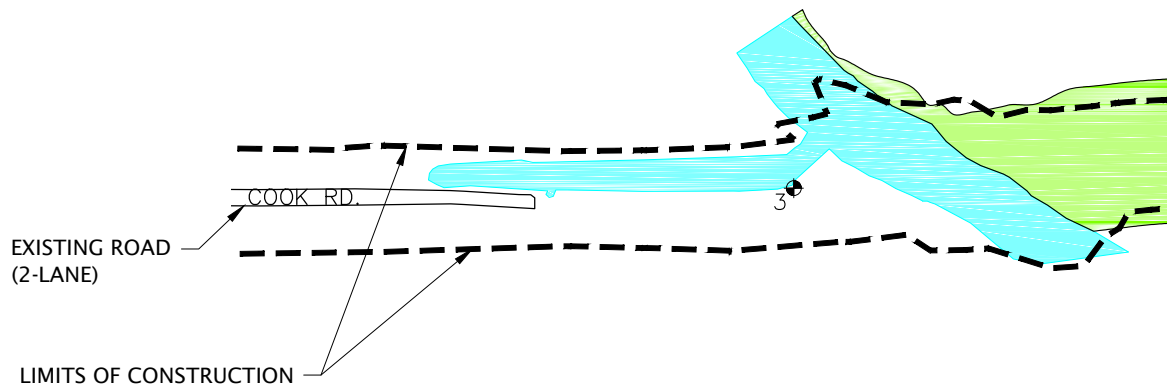
- LIMITS OF CONSTRUCTION
- OTHER WATERS OF THE U.S.
- DATA POINTS
- HERBACEOUS WETLANDS

FORET
 ENVIRONMENTAL SERVICES, INC.

COOK RD. PROPOSED SITE MAP PHASE 1
 LIVINGSTON PARISH

DRAWN: MNM	DATE: 07/2017
APPROVED: GF	
DRAWING: 4	

R:\2003\83145 - Cook Road\Cad - (Corps Permit)\Production Plan\83145 - Overall Proposed Site.dwg



AREAS IMPACTED

GRAPHIC SCALE

LEGEND



SCALE: 1" = 200'

LATITUDE 30°27'45"
LONGITUDE 90°55'58"

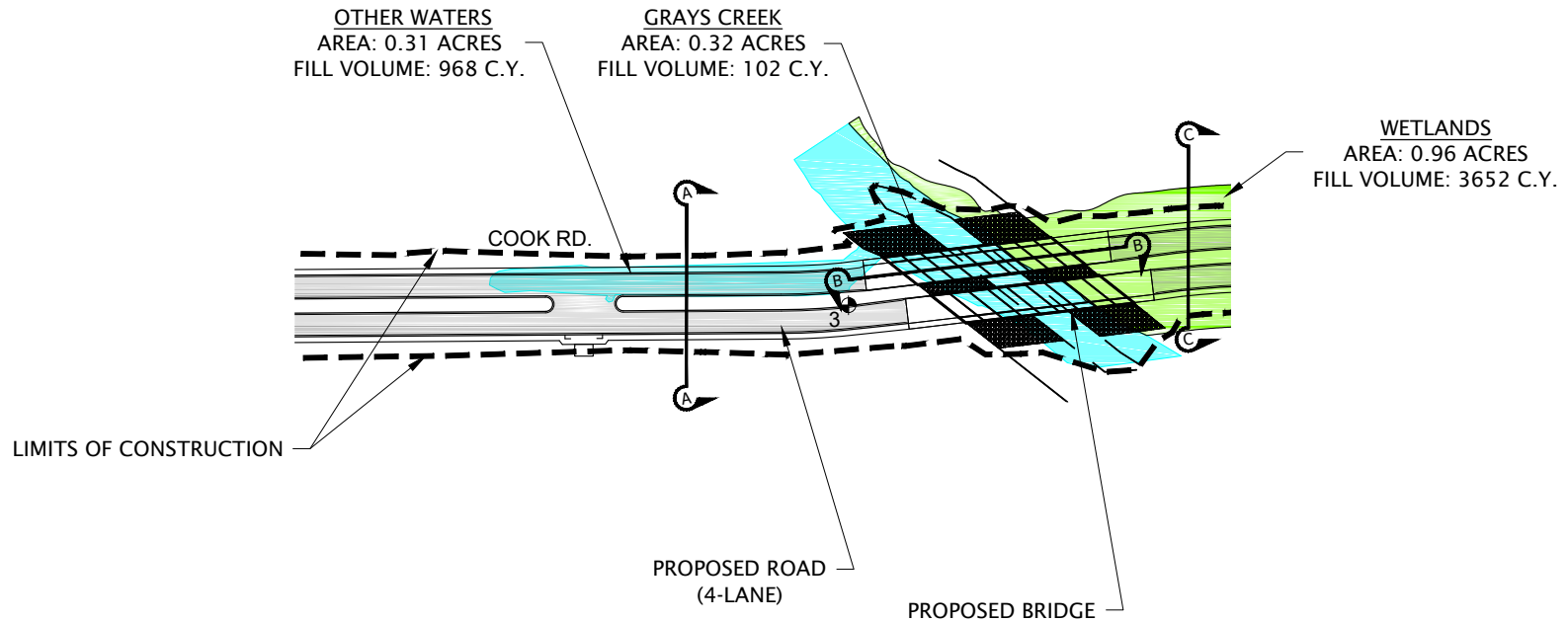
SECTION:
37
T-7-S, R-3-E

- LIMITS OF CONSTRUCTION
- OTHER WATERS OF THE U.S.
- DATA POINTS
- HERBACEOUS WETLANDS

FORET
ENVIRONMENTAL SERVICES, INC.

COOK RD. EXISTING INSET A
LIVINGSTON PARISH

DRAWN: MNM	DATE: 07/2017
APPROVED: GF	
DRAWING: 5	



AREA SUMMARY

INSET A
 406.65 LINEAR FEET = ROADWAY IN OTHER WATERS
 197.37 LINEAR FEET = ROADWAY IN WETLANDS
 129.37 LINEAR FEET = ROADWAY IN GRAYS CREEK

GRAPHIC SCALE



SCALE: 1" = 200'

LATITUDE 30°27'45"
 LONGITUDE 90°55'58"

SECTION:
 37
 T-7-S, R-3-E

LEGEND

- LIMITS OF CONSTRUCTION
- OTHER WATERS OF THE U.S.
- HERBACEOUS WETLANDS
- PROPOSED ROAD
- DATA POINTS

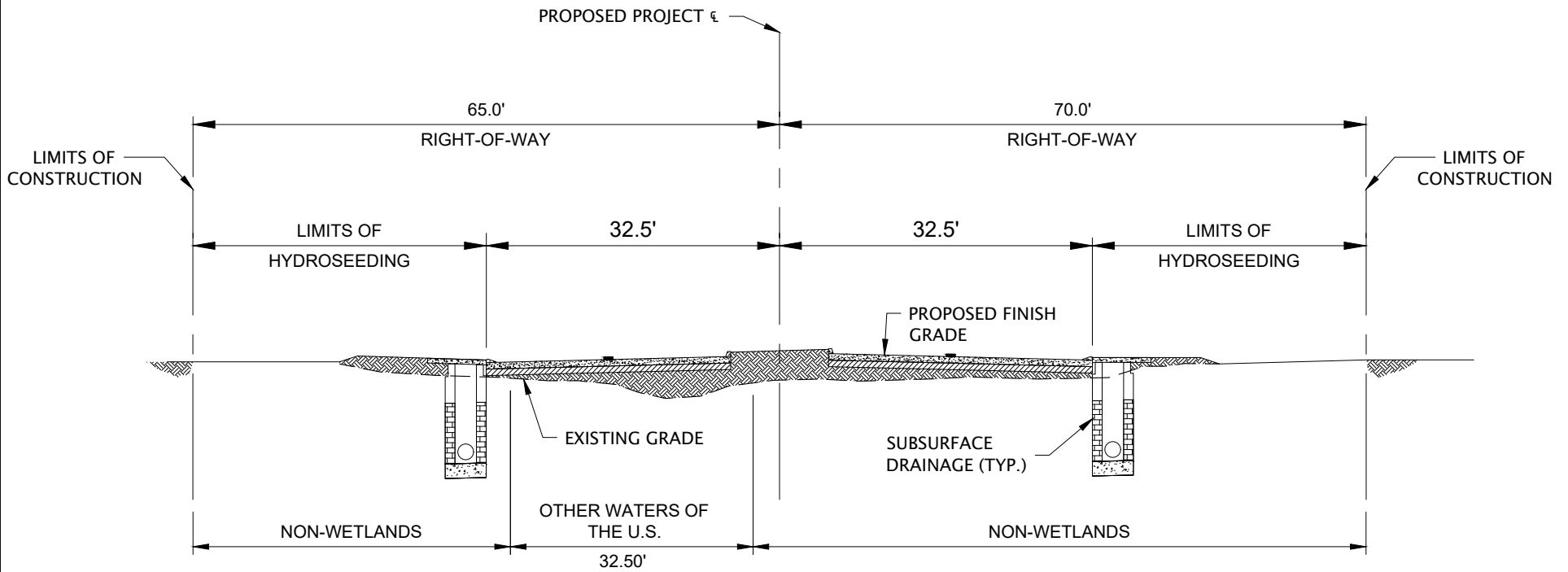
FORET

ENVIRONMENTAL SERVICES, INC.

COOK RD. PROPOSED INSET A
 LIVINGSTON PARISH

DRAWN: MNM	DATE: 07/2017
APPROVED: GF	
DRAWING: 6	

FOR ESTIMATED FILL CALCULATIONS WITHIN WETLANDS AND OTHER WATERS, SEE TABLE ON SHEET 2.






PROPOSED SECTION A-A

N.T.S.

AREA SUMMARY

SECTION 37
T-7-S, R-3-E
LAT: 30°27'45" LONG: 90°55'58"

LEGEND

-  PROPOSED COMPACTED LIME TREATMENT BASE (10" THICK)
-  PROPOSED SELECT FILL (THICKNESS VARIES FROM 1.0' TO 2.5')
-  PROPOSED P.C.C. PAVEMENT (8" THICK)

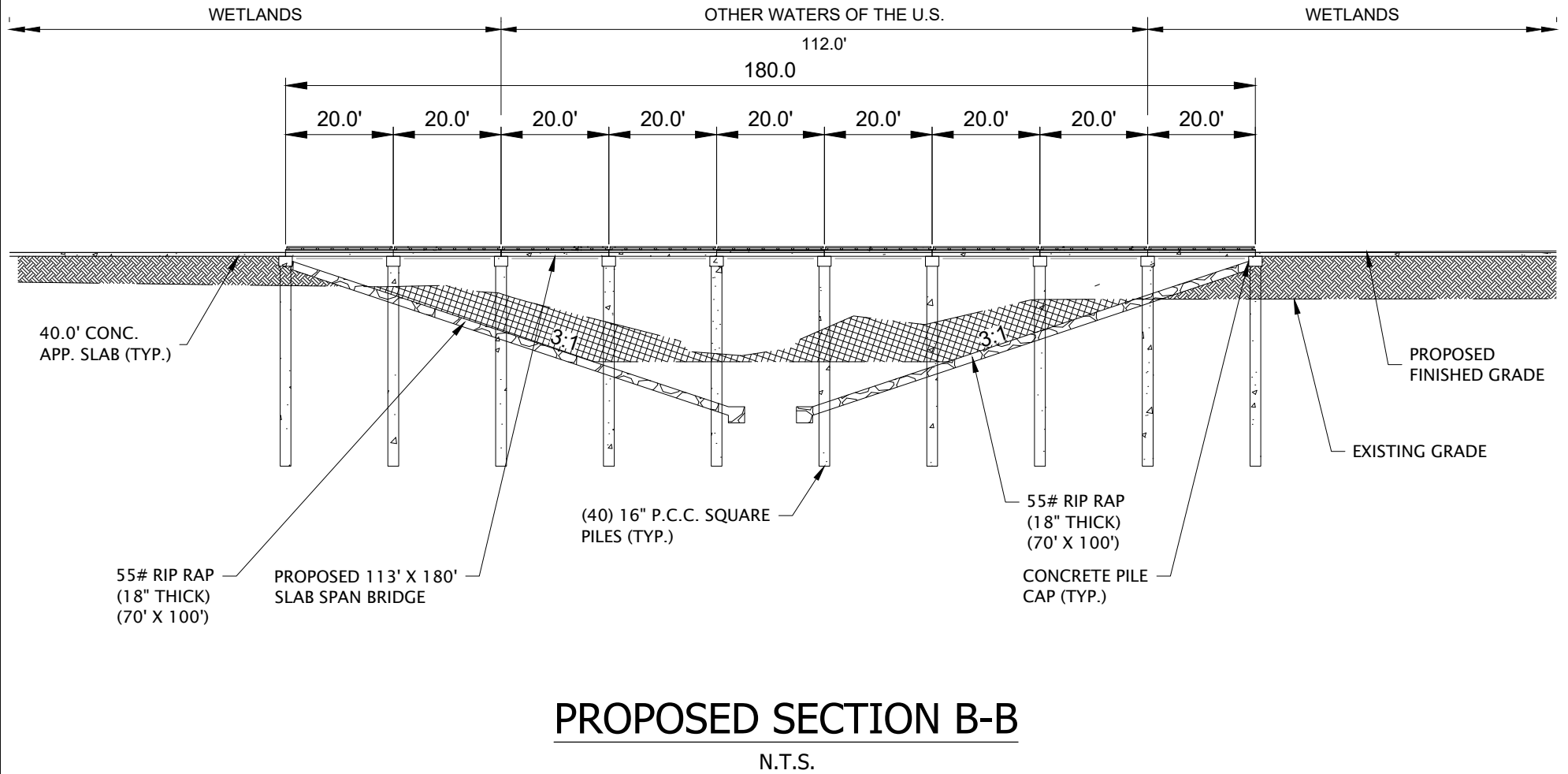
FORET

ENVIRONMENTAL SERVICES, INC.

COOK RD. PROPOSED CROSS SECTION INSET A
LIVINGSTON PARISH

DRAWN: MNM	DATE: 07/2017
APPROVED: GF	
DRAWING: 7	





FOR ESTIMATED FILL CALCULATIONS WITHIN WETLANDS AND OTHER WATERS OF THE U.S., SEE TABLE ON SHEET 2.



AREA SUMMARY

SECTION 37
T-7-S, R-3-E
LAT: 30°27'45" LONG: 90°55'58"

LEGEND

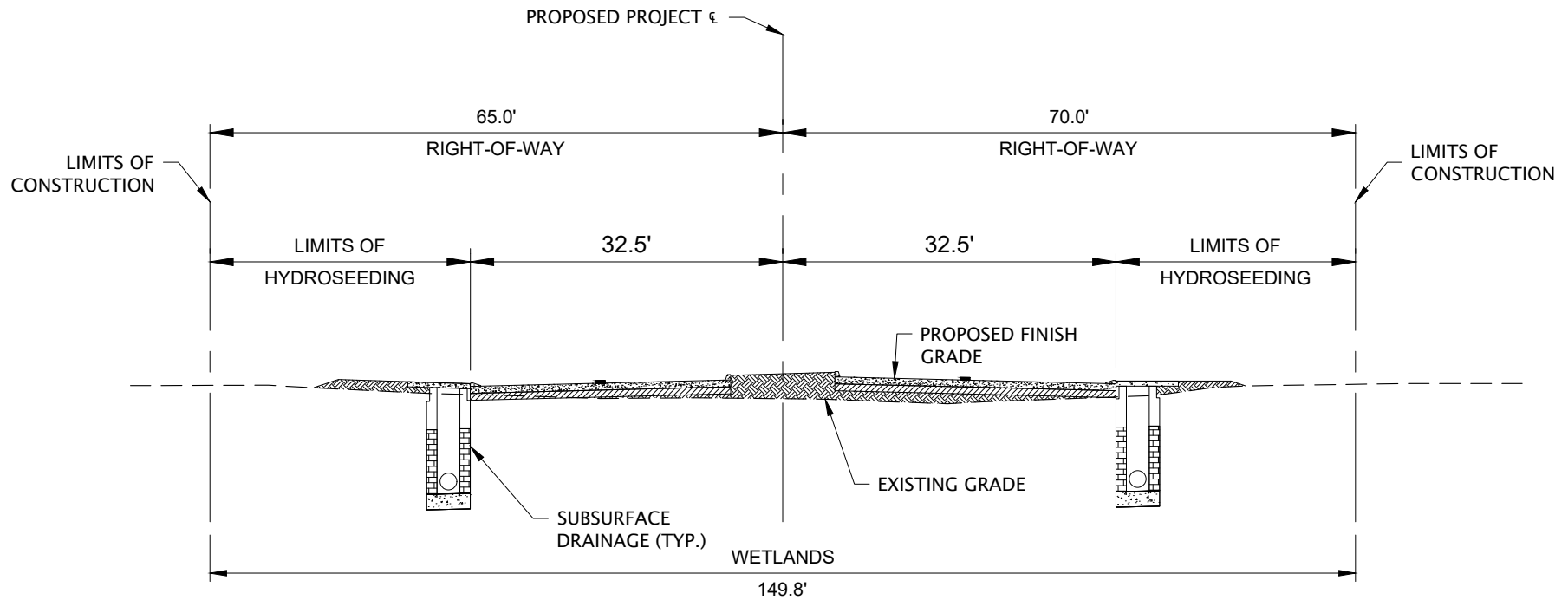
-  PROPOSED CUT TOTAL (THICKNESS VARIES FROM 0.0' TO 12.8') = 3800 C.Y.
-  PROPOSED 55# RIP RAP (18" THICK) TOTAL = 1800 C.Y.
-  PROPOSED P.C.C. PAVEMENT (8" THICK)
-  PROPOSED SELECT FILL (THICKNESS VARIES FROM 2.5' TO 5.0')

FORET
ENVIRONMENTAL SERVICES, INC.

COOK RD. PROPOSED CROSS SECTION INSET A
LIVINGSTON PARISH

DRAWN:	MNM	DATE:	07/2017
APPROVED:	GF		
DRAWING:	8		

FOR ESTIMATED FILL CALCULATIONS WITHIN WETLANDS AND OTHER WATERS, SEE TABLE ON SHEET 2.






PROPOSED SECTION C-C

N.T.S.

AREA SUMMARY

SECTION 37
T-7-S, R-3-E
LAT: 30°27'45" LONG: 90°55'58"

LEGEND

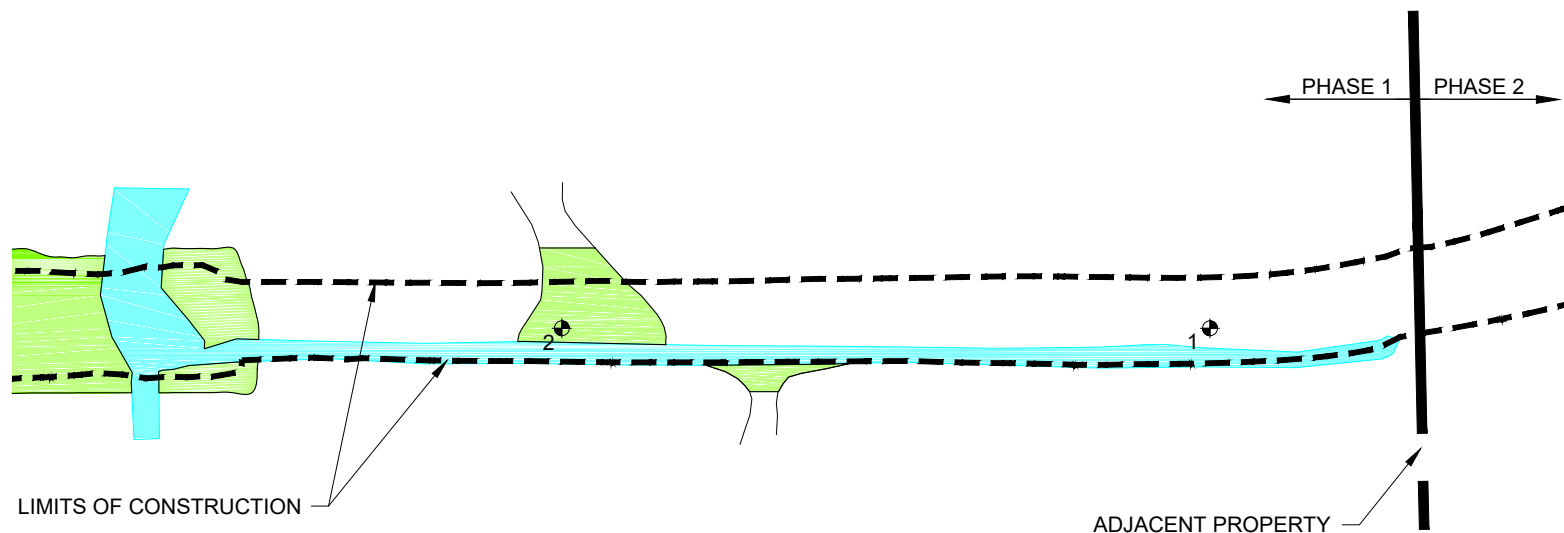
-  PROPOSED COMPACTED LIME TREATMENT BASE (10" THICK)
-  PROPOSED SELECT FILL TOTAL (THICKNESS VARIES FROM 2.0' TO 4.2') = 1370 C.Y. (WETLANDS)
-  PROPOSED P.C.C. PAVEMENT (8" THICK)

FORET

ENVIRONMENTAL SERVICES, INC.

COOK RD. PROPOSED CROSS SECTION INSET A
LIVINGSTON PARISH

DRAWN:	MNM	DATE:	07/2017
APPROVED:	GF		
DRAWING:	9		



GRAPHIC SCALE



SCALE: 1" = 200'

LATITUDE 30°27'45"
LONGITUDE 90°55'58"

SECTION:
37
T-7-S, R-3-E

LEGEND

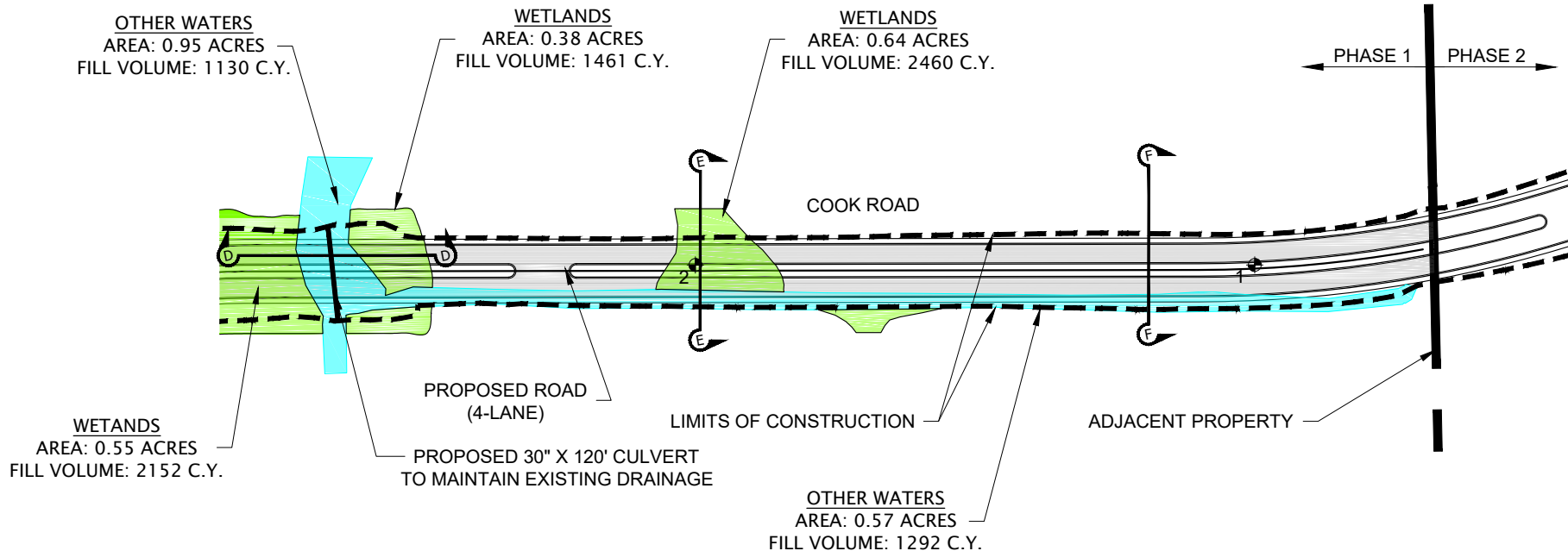
- LIMITS OF CONSTRUCTION
- OTHER WATERS OF THE U.S.
- DATA POINTS
- HERBACEOUS WETLANDS

FORET

ENVIRONMENTAL SERVICES, INC.

COOK RD. EXISTING INSET B
LIVINGSTON PARISH

DRAWN: MNM	DATE: 07/2017
APPROVED: GF	
DRAWING: 10	



AREA SUMMARY

INSET B
1469.37 LINEAR FEET = ROADWAY IN OTHER WATERS
391.89 LINEAR FEET = ROADWAY IN WETLANDS

GRAPHIC SCALE



SCALE: 1" = 200'

LATITUDE 30°27'45"
LONGITUDE 90°55'58"

SECTION:
37
T-7-S, R-3-E

LEGEND

- LIMITS OF CONSTRUCTION
- OTHER WATERS OF THE U.S.
- DATA POINTS
- HERBACEOUS WETLANDS
- PROPOSED ROAD

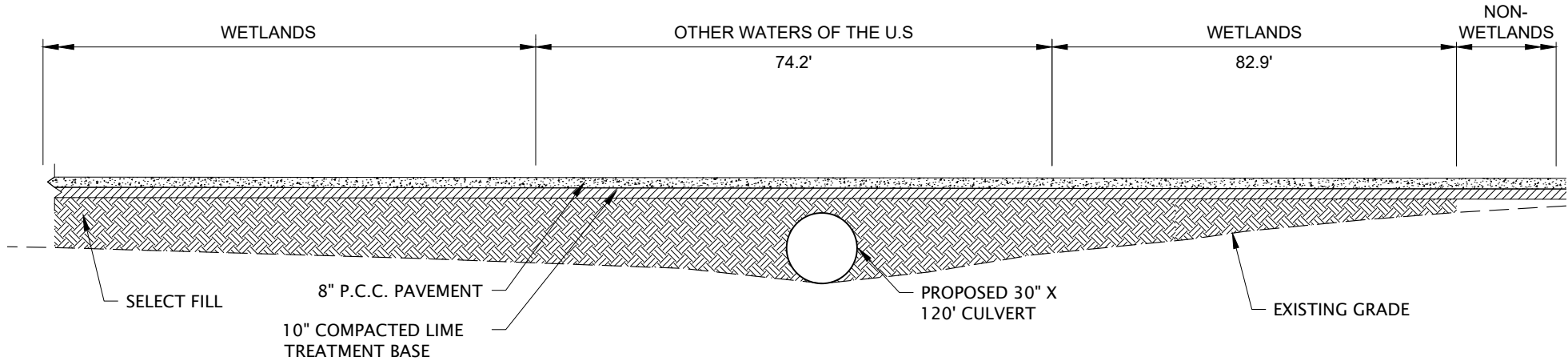
FORET

ENVIRONMENTAL SERVICES, INC.

COOK RD. PROPOSED INSET B
LIVINGSTON PARISH

DRAWN: MNM
APPROVED: GF DATE: 07/2017
FIGURE: 11

FOR ESTIMATED FILL CALCULATIONS WITHIN
WETLANDS AND OTHER WATERS, SEE TABLE
ON SHEET 2.






PROPOSED SECTION D-D

N.T.S.

AREA SUMMARY

SECTION 37
T-7-S, R-3-E
LAT: 30°27'45" LONG: 90°55'58"

LEGEND

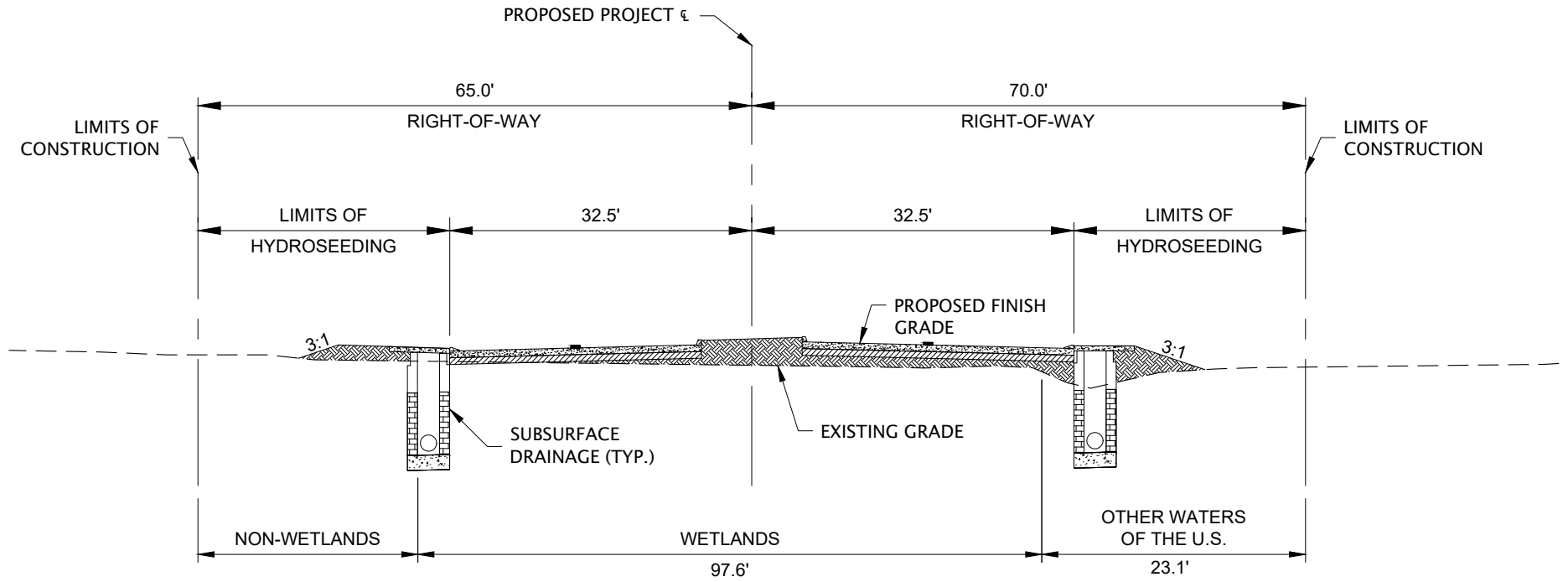
-  PROPOSED COMPACTED LIME TREATMENT BASE
-  PROPOSED SELECT FILL TOTAL (THICKNESS VARIES FROM 0.4' TO 4.0') = 1370 C.Y. (WETLANDS)
-  PROPOSED 8" P.C.C. PAVEMENT

DRAWN:	MNM	DATE:	07/2017
APPROVED:	GF		
DRAWING:	12		

FORET
ENVIRONMENTAL SERVICES, INC.

COOK RD. PROPOSED CROSS SECTION INSET B
LIVINGSTON PARISH

FOR ESTIMATED FILL CALCULATIONS WITHIN WETLANDS AND OTHER WATERS, SEE TABLE ON SHEET 2.






PROPOSED SECTION E-E

N.T.S.

AREA SUMMARY

SECTION 37
T-7-S, R-3-E
LAT: 30°27'45" LONG: 90°55'58"

LEGEND

-  PROPOSED COMPACTED LIME TREATMENT BASE (10" THICK)
-  PROPOSED SELECT FILL TOTAL (THICKNESS VARIES FROM 0.0' TO 1.2') = 1370 C.Y. (WETLANDS)
-  PROPOSED P.C.C. PAVEMENT (8" THICK)

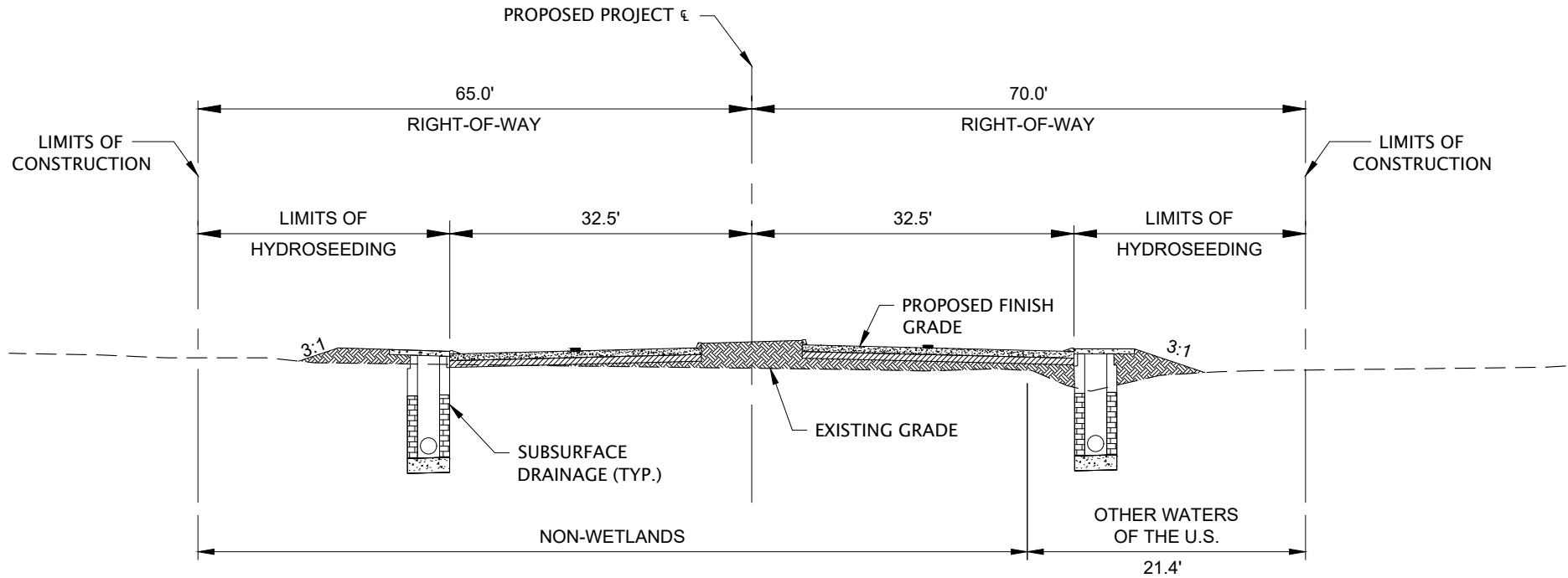
FORET

ENVIRONMENTAL SERVICES, INC.

COOK RD. PROPOSED CROSS SECTION INSET B
LIVINGSTON PARISH

DRAWN:	MNM	DATE:	07/2017
APPROVED:	GF		
DRAWING:	13		

FOR ESTIMATED FILL CALCULATIONS WITHIN WETLANDS AND OTHER WATERS, SEE TABLE ON SHEET 2.






PROPOSED SECTION F-F

N.T.S.

AREA SUMMARY

SECTION 37
T-7-S, R-3-E
LAT: 30°27'45" LONG: 90°55'58"

LEGEND

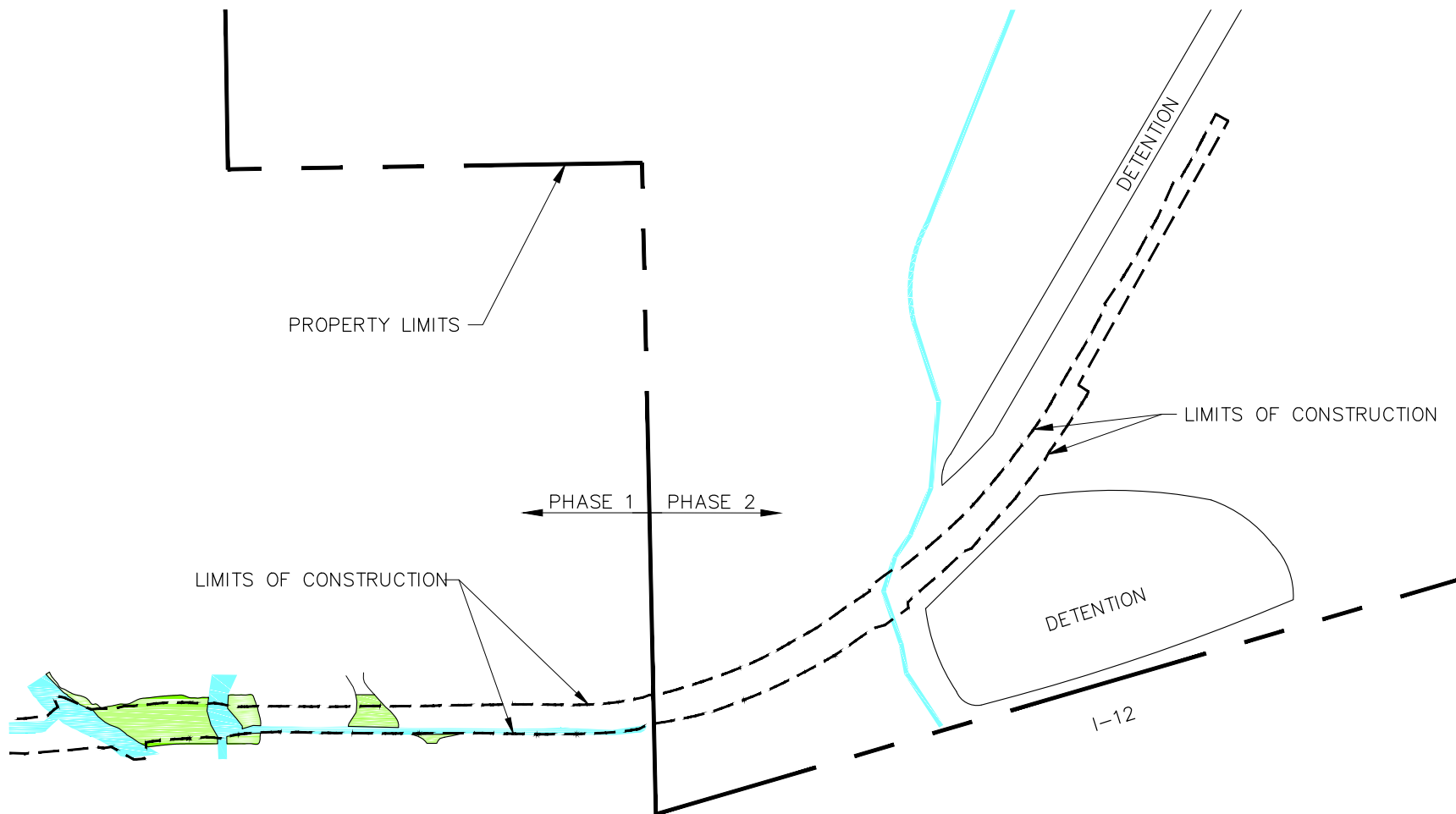
-  PROPOSED COMPACTED LIME TREATMENT BASE (10" THICK)
-  PROPOSED SELECT FILL (THICKNESS VARIES FROM 0.0' TO 1.9')
-  PROPOSED P.C.C. PAVEMENT (8" THICK)

FORET

ENVIRONMENTAL SERVICES, INC.

COOK RD. PROPOSED CROSS SECTION INSET B
LIVINGSTON PARISH

DRAWN:	MNM	DATE:	07/2017
APPROVED:	GF		
DRAWING:	14		



GRAPHIC SCALE

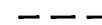




SCALE: 1" = 500'

LATITUDE 30°27'45"
LONGITUDE 90°55'58"

SECTION:
37
T-7-S, R-3-E

LEGEND

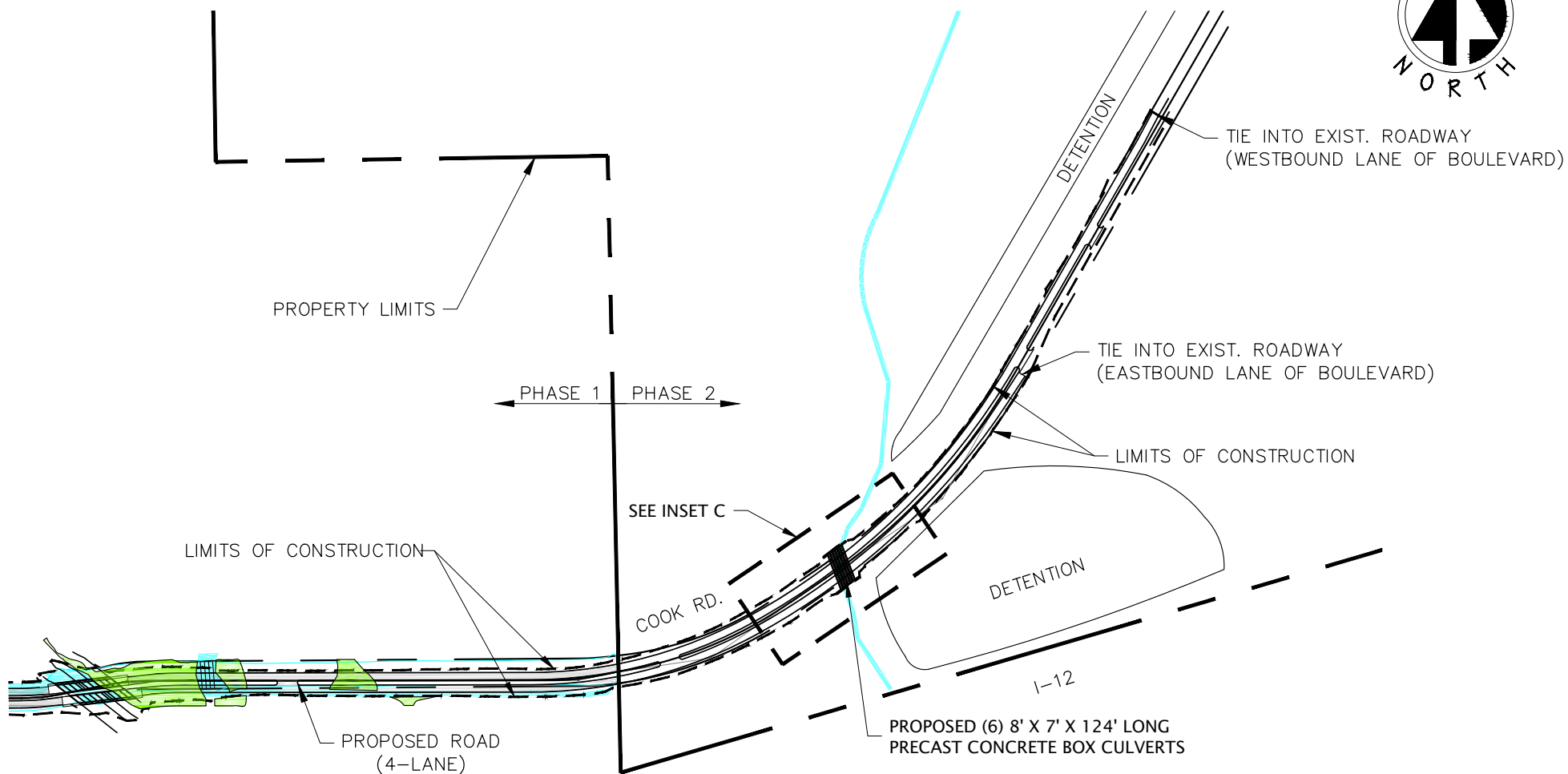
-  LIMITS OF CONSTRUCTION
-  OTHER WATERS OF THE U.S.
-  HERBACEOUS WETLANDS

FORET

ENVIRONMENTAL SERVICES, INC.

COOK RD. EXISTING SITE MAP PHASE 2
LIVINGSTON PARISH

DRAWN: AER	DATE: 07/2017
APPROVED: JPO	
DRAWING: 15	



AREA SUMMARY

PHASE 2
 2683.51 LINEAR FEET = ROADWAY EXPANSION
 15.71 LINEAR FEET = ROADWAY CROSSING OTHER WATERS

GRAPHIC SCALE



SCALE: 1" = 500'

LATITUDE 30°27'45"
 LONGITUDE 90°55'58"

SECTION:
 37
 T-7-S, R-3-E

LEGEND

- LIMITS OF CONSTRUCTION
- OTHER WATERS OF THE U.S.
- WETLANDS

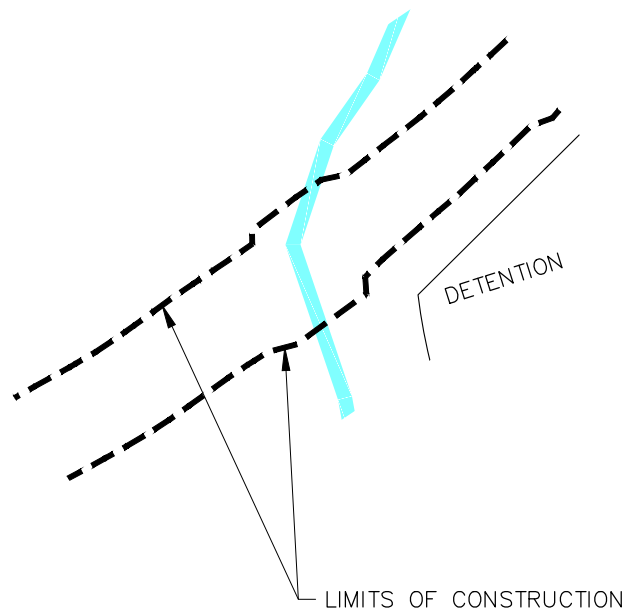
FORET

ENVIRONMENTAL SERVICES, INC.

COOK RD. PROPOSED SITE MAP PHASE 2
 LIVINGSTON PARISH

DRAWN: AER	DATE: 07/2017
APPROVED: JPO	
DRAWING: 16	

R:\2003\83145 - Cook Road\Cad - (Corps Permit)\Production Plan\83145 - Overall Proposed.dwg



GRAPHIC SCALE



SCALE: 1" = 200'

LATITUDE 30°27'45"
LONGITUDE 90°55'58"

SECTION:
37
T-7-S, R-3-E

LEGEND

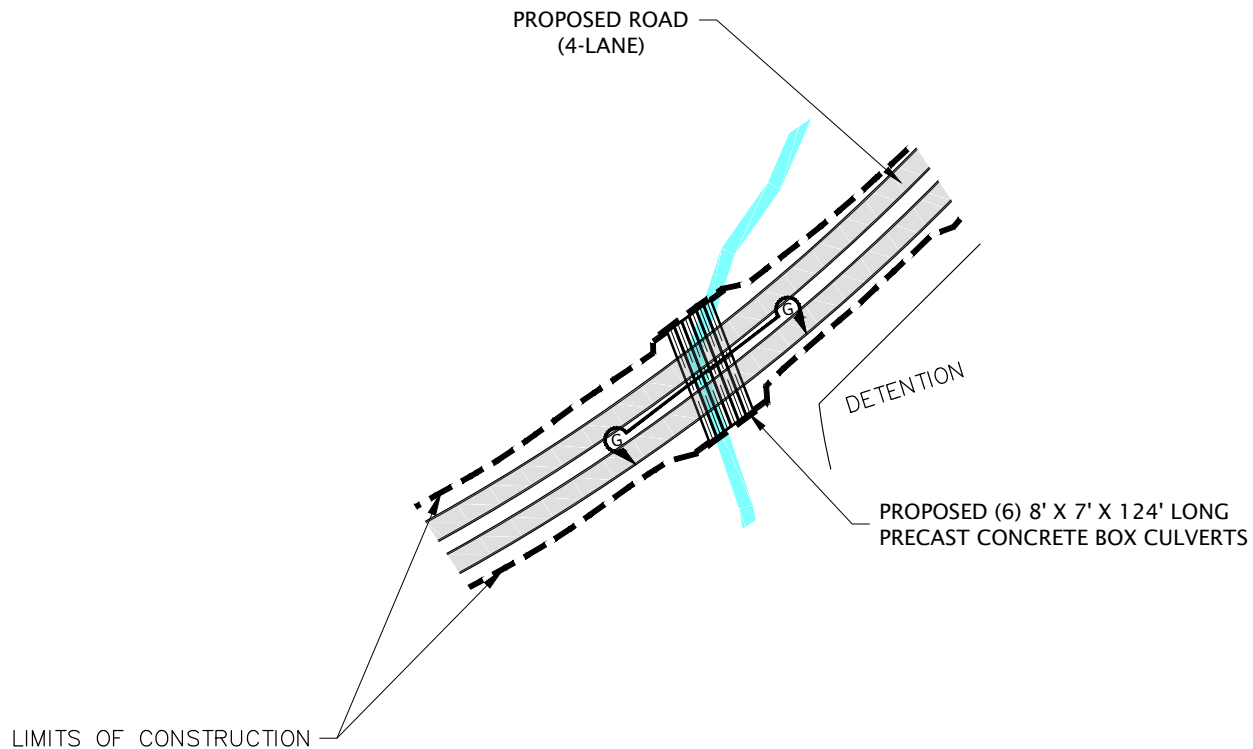
- LIMITS OF CONSTRUCTION
- OTHER WATERS OF THE U.S.

FORET

ENVIRONMENTAL SERVICES, INC.

COOK RD. EXISTING INSET C
LIVINGSTON PARISH

DRAWN: AER	DATE: 07/2017
APPROVED: JPO	
DRAWING: 17	



AREA SUMMARY

INSET C
15.71 FEET = ROADWAY CROSSING OTHER WATERS

GRAPHIC SCALE



SCALE: 1" = 200'

LATITUDE 30°27'45"
LONGITUDE 90°55'58"

SECTION:
37
T-7-S, R-3-E

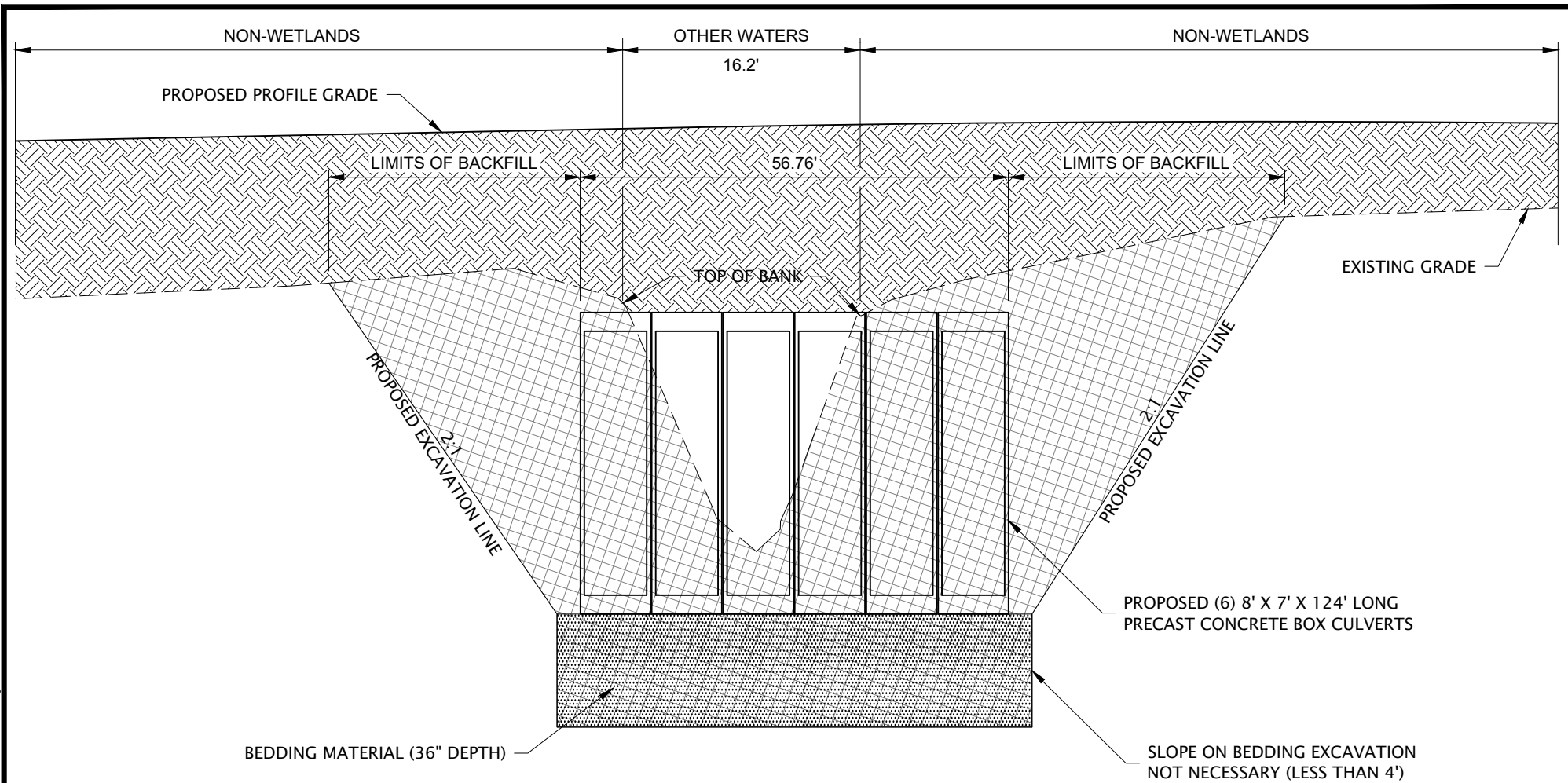
LEGEND

- LIMITS OF CONSTRUCTION
- OTHER WATERS OF THE U.S.
- PROPOSED ROAD

FORET
ENVIRONMENTAL SERVICES, INC.

COOK RD. PROPOSED INSET C
LIVINGSTON PARISH

DRAWN: AER	DATE: 07/2017
APPROVED: JPO	
DRAWING:	18






PROPOSED SECTION G-G

N.T.S.

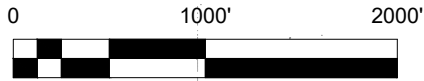
AREA SUMMARY

SECTION 37
 T-7-S, R-3-E
 LAT: 30°27'45" LONG: 90°55'58"

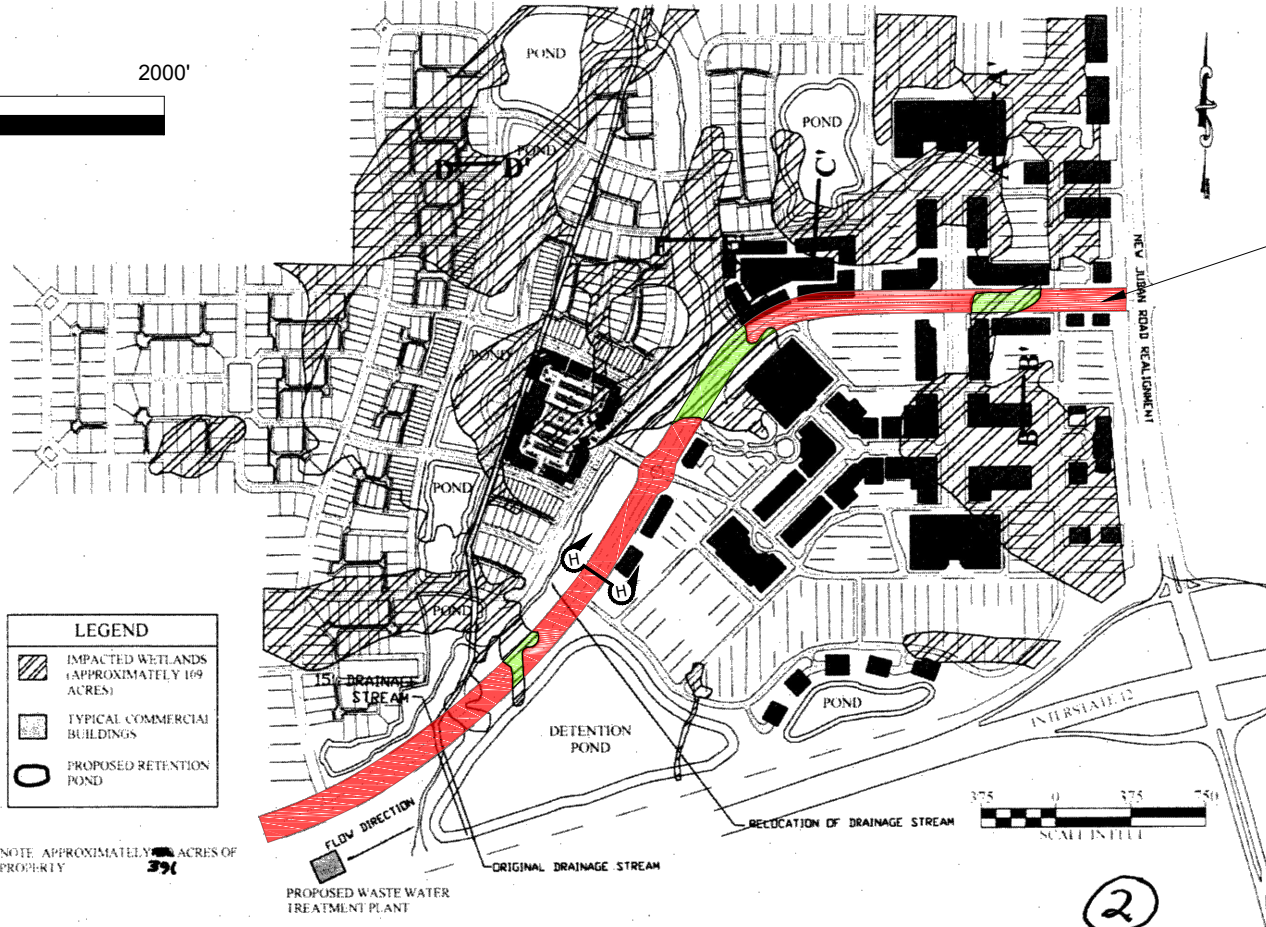
LEGEND

-  PROPOSED BEDDING MATERIAL (36" THICK) = 865 C.Y.
-  PROPOSED SELECT FILL (THICKNESS VARIES FROM 3.9' TO 4.1') = 515 C.Y. IN OTHER WATERS
-  PROPOSED CUT TOTAL (THICKNESS VARIES FROM 3.2' TO 10.3') = 3800 C.Y.

R:\2003\83145 - Cook Road\Cad - (Corps Permit)\Production Plan\83145 - XS H-H.dwg

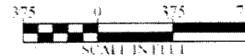


SCALE: 1" = 1000'

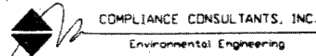


LEGEND	
	IMPACTED WETLANDS (APPROXIMATELY 109 ACRES)
	TYPICAL COMMERCIAL BUILDINGS
	PROPOSED RETENTION POND

NOTE: APPROXIMATELY 394 ACRES OF PROPERTY



ROW REMOVED FROM PREVIOUS 404 PERMIT NO. MVN-2005-4490-CZ TO BE INCLUDED IN MVN-2015-01559-CO (THIS PERMIT)



404 PERMIT FOR JUBAN DEVELOPMENT CO.

PROPOSED SITE PLAN & JURISDICTIONAL WETLANDS
JAN 2007

FIGURE 2

AREA SUMMARY

14.36 ACRES = AREAS OF ROAD REMOVED
 2.75 ACRES = AREAS OF WETLANDS IMPACTED BY ROAD
 4772.36 = LINEAR FEET OF ROAD REMOVED
 929.44 = LINEAR FEET OF OF WETLANDS IMPACTED BY ROAD

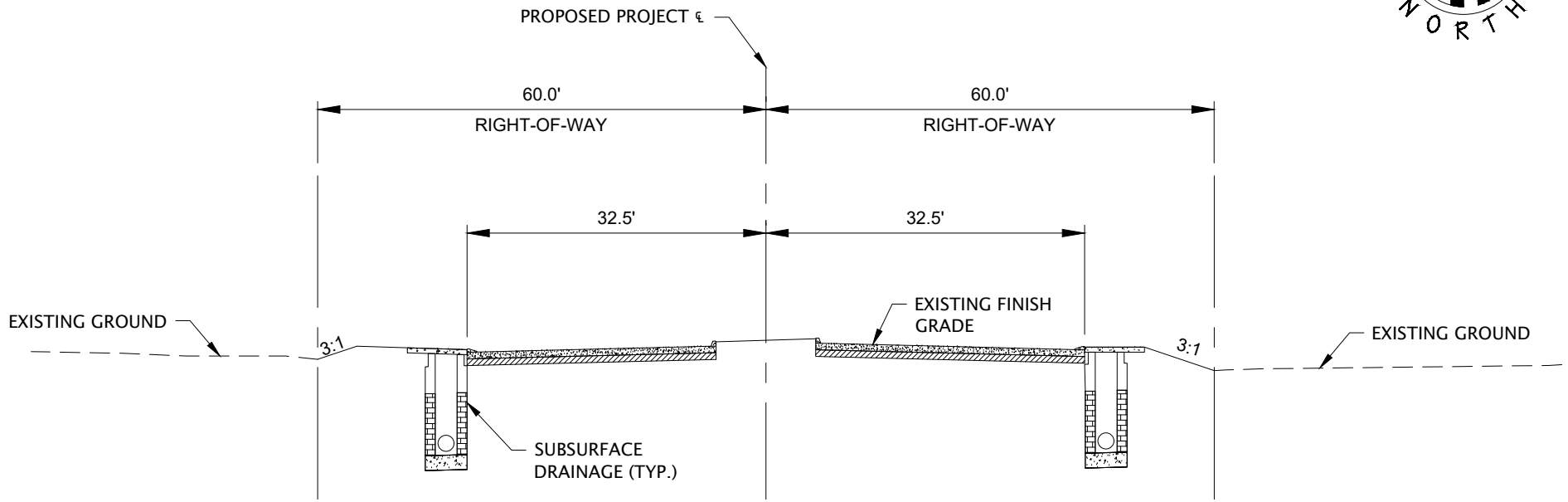
LEGEND

- ROW TO BE REMOVED FROM PREVIOUS 404 PERMIT NO. MVN-2005-4490-CZ TO BE INCLUDED IN MVN-2015-01559-CO (THIS PERMIT)
- WETLANDS TO BE REMOVED FROM PREVIOUS 404 PERMIT NO. MVN-2005-4490-CZ TO BE INCLUDED IN MVN-2015-01559-CO (THIS PERMIT)

FORET
ENVIRONMENTAL SERVICES, INC.

COOK RD. 404 PERMIT
LIVINGSTON PARISH

DRAWN: MJM	DATE: 07/2017
APPROVED: JPO	
DRAWING: 20	



EXISTING SECTION H-H

N.T.S.

AREA SUMMARY

SECTION 37
T-7-S, R-3-E
LAT: 30°27'45" LONG: 90°55'58"

LEGEND

- EXISTING ROAD BASE
- EXISTING P.C.C. PAVEMENT

DRAWN: MJM	DATE: 07/2017
APPROVED: JPO	
DRAWING: 21	

FORET
ENVIRONMENTAL SERVICES, INC.

EXISTING JUBAN CROSS SECTION
LIVINGSTON PARISH

R:\2003\83145 - Cook Road\Cad - (Corps Permit)\Production Plan\83145 - Juban Amend.dwg