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Bloomfield, NJ 07003

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www.dewberry.com

Via Certified Mail RRR

August 2, 2019

**RE: Replacement of Bridge Nos.1518-017 and 1518-018
Colonial Drive over Union Branch
Township of Manchester, Ocean County, New Jersey**

Dear Interested Party,

This letter is to provide you with legal notification that an application for a CAFRA Individual Permit, Flood Hazard Area Individual Permit and Freshwater Wetlands General Permit No. 10B will be submitted to the New Jersey Department of Environmental Protection, Division of Land Use Regulation for the bridge replacements shown on the enclosed plan. A brief description of the proposed project follows:

Bridge Nos. 1518-017 and 1518-018 that carries Colonial Drive northbound and southbound, respectively, over Union Branch are being replaced. Construction will take place in stages to keep both lanes of traffic at all times during construction. Roadway alignment and width will be unchanged.

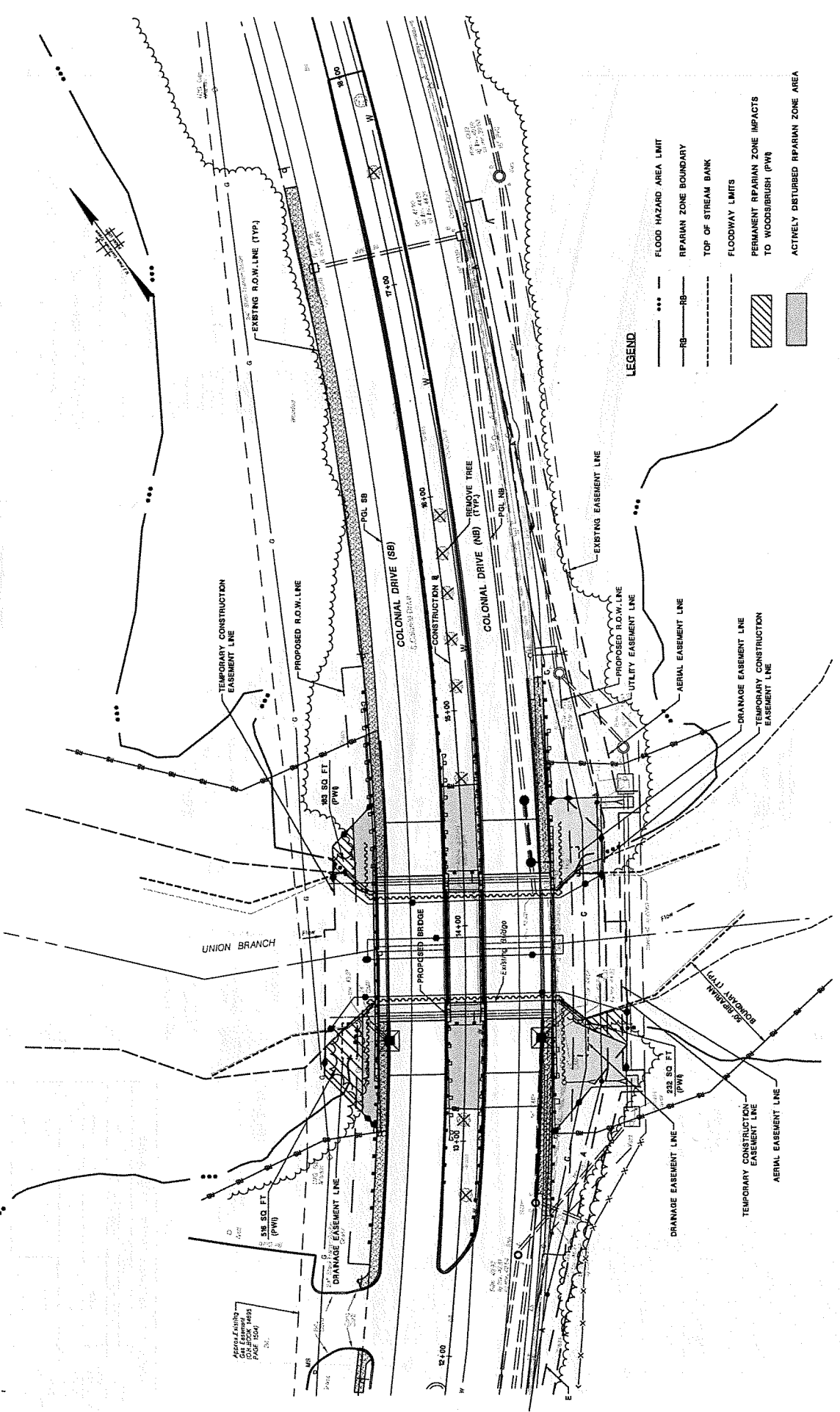
The complete permit application package can be reviewed at either the municipal clerk's office in the municipality in which the site subject to the application is located, or by appointment at the Department's Trenton Office. The Department of Environmental Protection welcomes comments and any information that you may provide concerning the proposed development and site. Please submit your written comments within 15 calendar days of receiving this letter to:

New Jersey Department of Environmental Protection
Division of Land Use Regulation
P.O. Box 420, Code 501-02A
Trenton, New Jersey 08625
Attention: Township of Manchester Supervisor

If you have any questions about the application you can contact John Ernst, P.E. of Ocean County at 732-929-2055 or Brian Lainson, P.E. of Dewberry Engineers Inc. at 973-780-1994.

Sincerely,

Brian Lainson
Senior Project Manager, Dewberry Engineers Inc.



LEGEND

- FLOOD HAZARD AREA LIMIT
- RB --- RIPARIAN ZONE BOUNDARY
- TOP OF STREAM BANK
- FLOODWAY LIMITS
- ▨ PERMANENT RIPARIAN ZONE IMPACTS TO WOODS/BRUSH (PW)
- ▩ ACTIVELY DISTURBED RIPARIAN ZONE AREA

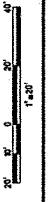
RIPARIAN ZONE IMPACTS		TOTAL
IMPACT TYPE	PERMANENT WOODS/BRUSH (PW)	831 SF
RECONSTRUCTED ROADWAY (CROSSING)	931 SF	831 SF
TOTAL	931 SF	831 SF

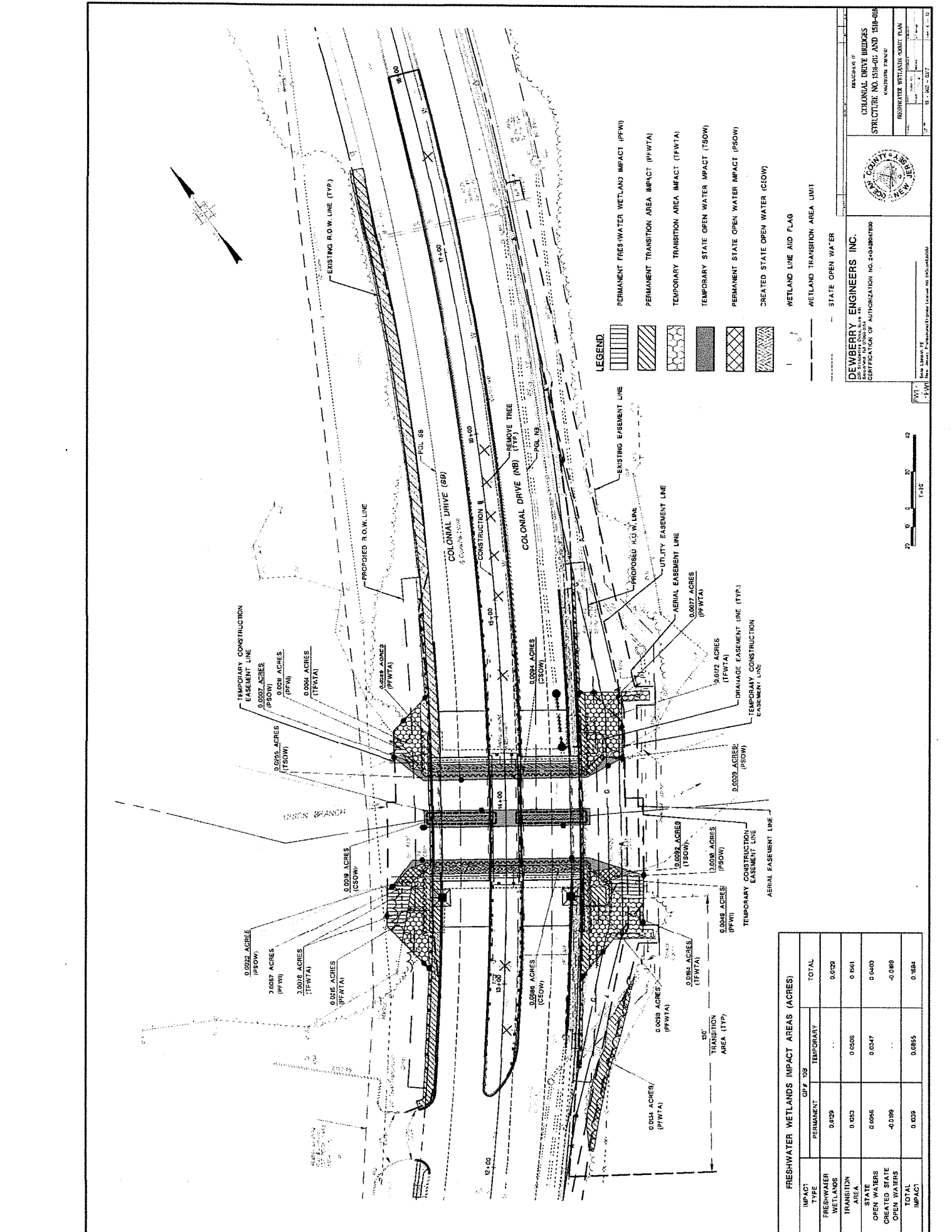
NOTES:
 1. RELOCATIONS COMPLY WITH FHA PERMIT BY RULE 35 (N.J.A.C. 7:137.25) AND 38 (N.J.A.C. 7:137.28)
 2. PROPOSED GAS MAIN INSTALLATION BY DIRECTIONAL DRILLING, DRILLING PITS TO BE LOCATED IN EXISTING PAVEMENT AT START AND END OF PROPOSED MAIN.
 3. THERE ARE NO EXISTING OR PROPOSED TIDLANDS INSTRUMENT.
 4. NO UTILITIES OR SUBSIDALS ARE SITUATED WITHIN THE PROJECT LIMITS.

DEMBERRY ENGINEERS INC.
 200 W. 10TH ST., SUITE 200
 CHERRY HILL, NJ 08002
 CERTIFICATE OF AUTHORIZATION NO. 440480000



DEPARTMENT OF
 COLONIAL DRIVE BRIDGES
 STRUCTURE NO. 1518-07 AND 1518-08
 WALKER TUNNAGE
 FLOOD HAZARD AREA AND COASTAL
 ZONE MANAGEMENT PROJECT PLAN
 DATE: 10/1/07
 SHEET NO. 15 OF 15





LEGEND

- PERMANENT FRESHWATER WETLAND IMPACT (PFWI)
- PERMANENT TRANSITION AREA IMPACT (PFWTA)
- TEMPORARY TRANSITION AREA IMPACT (TFWTA)
- TEMPORARY STATE OPEN WATER IMPACT (TSOW)
- PERMANENT STATE OPEN WATER IMPACT (PSOW)
- CREATED STATE OPEN WATER (CSOW)
- WETLAND LINE AID FLAG
- WETLAND TRANSITION AREA LIMIT
- STATE OPEN WATER

0.0292 ACRES (PSOW)
 0.0027 ACRES (PSOW)
 0.0018 ACRES (PFWI)
 0.0048 ACRES (TFWTA)

0.0253 ACRES (TSOW)
 0.0018 ACRES (PFWI)
 0.0008 ACRES (TFWTA)

0.0018 ACRES (CSOW)
 0.0038 ACRES (PFWTA)
 0.0018 ACRES (PSOW)
 0.0008 ACRES (TFWTA)

0.0018 ACRES (PFWTA)
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0.0018 ACRES (PFWTA)
 0.0018 ACRES (PSOW)
 0.0008 ACRES (TFWTA)

FRESHWATER WETLANDS IMPACT AREAS (ACRES)		TOTAL
IMPACT TYPE	PERMANENT	TEMPORARY
FRESHWATER WETLANDS	0.0109	0.0129
TRANSITION AREA	0.0253	0.0268
STATE OPEN WATERS	0.0006	0.0247
OPEN WATERS	-0.0189	-0.0189
TOTAL IMPACT	0.0239	0.0855

DEWBERRY ENGINEERS INC.
 200 W. FAYETTEVILLE BLVD. #140
 FAYETTEVILLE, NC 28404
 CERTIFICATION OF AUTHORIZATION NO. 21434824700

ROWAN COUNTY
 NORTH CAROLINA

MANAGER OF
 COLONIAL DRIVE BRIDGES
 STRUCTURE NO. 5910-07 AND 1510-08
 WAREHOUSES FRAME

DATE	11/20/18
SCALE	1" = 400'

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REVISION 2
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