

ST. JOHNS RIVER WATER MANAGEMENT DISTRICT
Post Office Box 1429
Palatka, Florida 32178-1429

PERMIT NO. 40-069-114354-1

DATE ISSUED: August 14, 2008

PROJECT NAME: Hartwood Marsh Road-Phase I

A PERMIT AUTHORIZING:

Construction and operation of a Surface Water Management System for a 28.32-acre governmental road expansion project known as the Hartwood Marsh Road-Phase I. This permit does not authorize any work in, on, or over surface waters or wetlands.

LOCATION:

Section(s): 9, 10 Township(s): 23S Range(s): 26E

Lake County

Lake County Dept Of Public Works
437 Ardice Avenue
Eustis, FL 32726

Permittee agrees to hold and save the St. Johns River Water Management District and its successors harmless from any and all damages, claims, or liabilities which may arise from permit issuance. Said application, including all plans and specifications attached thereto, is by reference made a part hereof.

This permit does not convey to permittee any property rights nor any rights of privileges other than those specified herein, nor relieve the permittee from complying with any law, regulation or requirement affecting the rights of other bodies or agencies. All structures and works installed by permittee hereunder shall remain the property of the permittee.

This permit may be revoked, modified or transferred at any time pursuant to the appropriate provisions of Chapter 373, Florida Statutes:

PERMIT IS CONDITIONED UPON:

See conditions on attached "Exhibit A", dated August 14, 2008

AUTHORIZED BY: St. Johns River Water Management District
Department of Resource Management

By:


(Service Center Director - Altamonte Springs)
David Dewey

RECEIVED

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PDS
ALTAMONTE SVC. CENTER

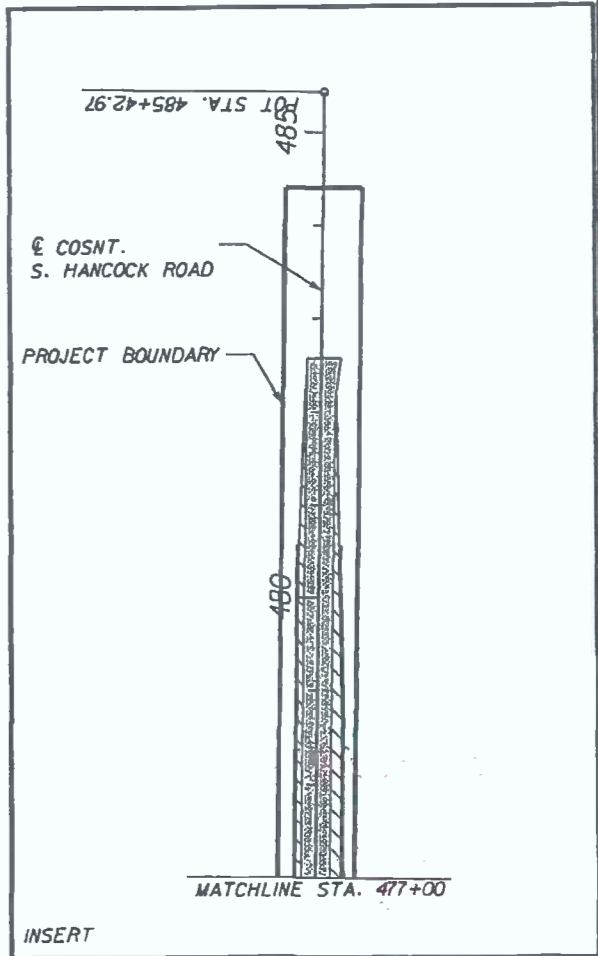
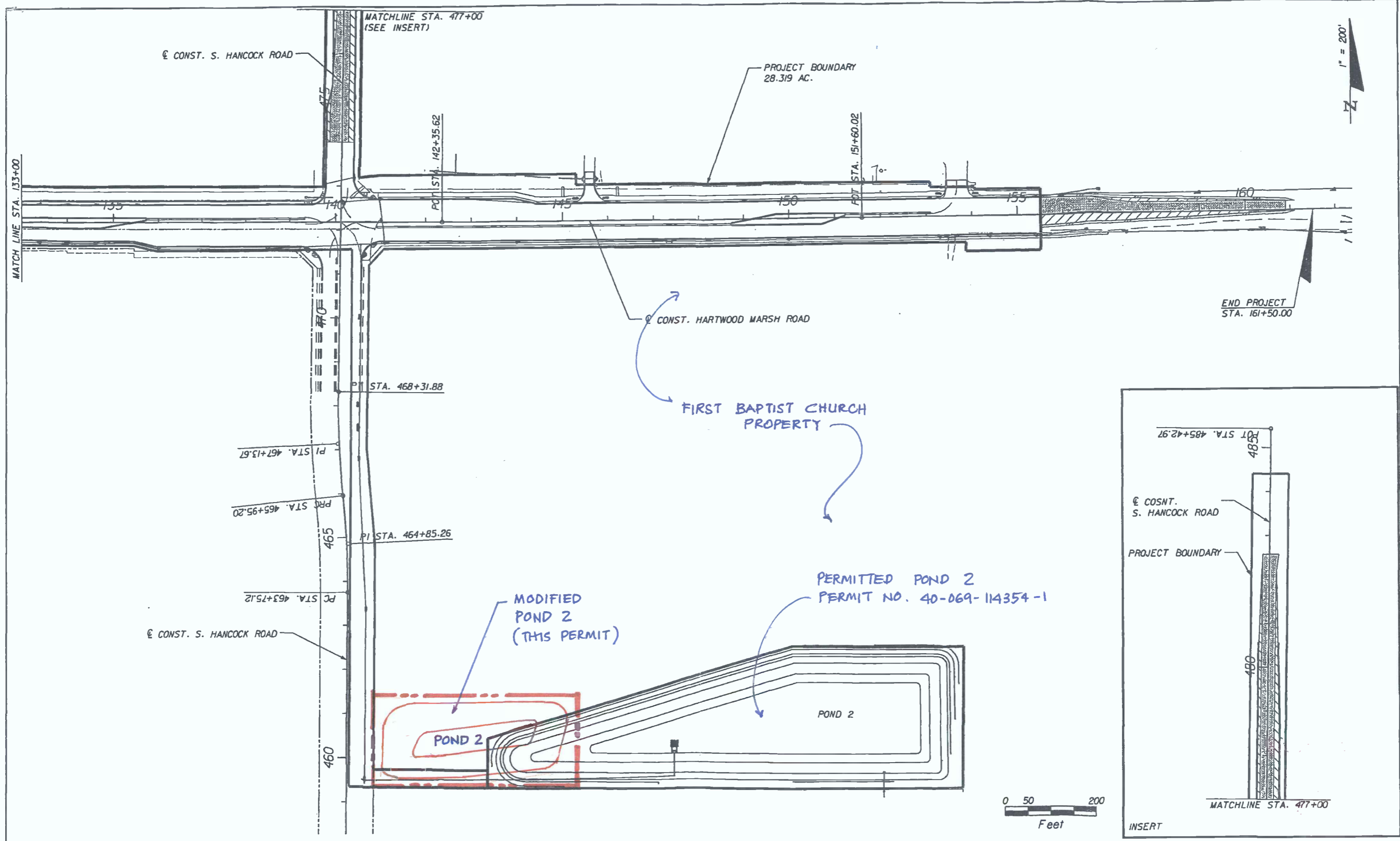
114354-3

Table 9

Basin 2 Post Development Drainage Basin Data					
Basin Name	Outfall Location	Area (Ac.)	Impervious Area (Ac.)	Curve Number	Time of Concentration (min.)
First Baptist Church	Pond 2	30.53	24.42	84.4	51.00
2 (Road)	Pond 2	8.23	6.34	82.4	17.26
2-1 (Offsite)	Pond 2	0.08	0	39	9.92
2-2 (Offsite)	Pond 2	0.30	0.08	54.7	9.50
2-3 (Offsite)	Pond 2	0.14	0.01	43.2	8.75
2-4 (Pond 2)	Pond 2	6.34 ^{2.00}	2.18 ^{0.44}	54.1	5.00
Total		45.62	33.03		
		10.75	6.87		

Table 10

Basin 2 Discharge and Peak Stage				
Storm Event	Pre-Development Discharge to Regency Hills (cfs)	Post Development Discharge to Pond 2 (cfs)	Basin Outflow Discharge to Regency Hills (cfs)	Pond 2 Peak Stage (ft)
Mean Annual	0	80.71	0	109.63
10 yr/24 hr	0.12	135.02	0	111.99
25 yr/24 hr	0.38	169.53	0	113.34



REVISIONS		DESCRIPTION
DATE	BY	

HNTB
 HNTB CORPORATION
 300 PRIMERA BLVD,
 SUITE 200
 LAKE MARY, FL 32746
 (407) 805-0355
 CERT. OF AUTH. NO. 6500

ENGINEER OF RECORD: KAREN M. VAN DEN AVONT, P.E.
 FL. REGISTRATION NO. 44794



HARTWOOD MARSH ROAD

PROJECT BOUNDARY

SHEET NO.