



**US Army Corps
of Engineers®**

Nashville District

Public Notice

Public Notice No. 04-27

Date: May 3, 2004

Application No. 970001720

Please address all comments to:
Nashville District Corps of Engineers, Regulatory Branch
3701 Bell Road, Nashville, TN 37214

JOINT PUBLIC NOTICE
US ARMY CORPS OF ENGINEERS
TENNESSEE VALLEY AUTHORITY
AND
STATE OF TENNESSEE

SUBJECT: Proposed Wetland Fill Associated With The Extension of Campbell Station Road, Turkey Creek, Mile 2.31, Tennessee River Mile 616.4 R, Knox County, Tennessee

TO ALL CONCERNED: The application described below has been submitted for a Department of the Army Permit pursuant to Section 404 of the Clean Water Act.

Before a permit can be issued, certification must be provided by the State of Tennessee, Division of Water Pollution Control, pursuant to Section 401(a)(1) of the CWA, that applicable water quality standards will not be violated. By copy of this notice, the applicant hereby applies for the required certification.

APPLICANT: Tennessee Department of Transportation (TDOT)
Suite 900, James K. Polk Building
505 Deaderick Street
Nashville, TN 37243-0334

LOCATION: South of State Route 1 (US-11/70, Kingston Pike) to south of Turkey Creek Road in Farragut, Knox County
Project Start - lat: 35-52-00 lon: 84-09-37
Project End - lat: 35-52-00 lon: 84-08-40
USGS - Lovell & Concord, Tennessee Quadrangles

DESCRIPTION: TDOT proposes to construct a 1.27 mile long section of five-lane roadway from just south of Kingston Pike (S.R. 1) to Concord Road. The proposed roadway would tie into a short five-lane section of Campbell Station Road that lies between Kingston Pike and Municipal Center Drive. The proposed typical section would consist of five traffic lanes 12' wide, a two foot curb and gutter, and five foot sidewalks on both sides of the road. The middle lane would be a continuous two-way left turn lane. At Sta. 40+52 to Sta. 50+02 a median-divided roadway would be used. The proposal involves the placement of permanent fill in approximately 1.99 acres of regulated wetlands. This activity is subject to DA authorization.

Wetland impacts are proposed at the following locations:

Sta. 27+00± (Lt.) to Sta. 30+50 ± (Rt.)	<u>Wetland Impact (Wetland Area #1)</u> Permanent wetland impact = 0.31 Ac. Longitude 84.1592°, Latitude 35.8801°
Sta. 39+80± to Sta. 42+25±	<u>Wetland Impact (Wetland Area # 3)</u> Permanent wetland impact = 0.56 Ac. Longitude 84.1548° W, Latitude 35.8780° N
Sta. 43+90± to Sta. 48+70±	<u>Wetland Impact (Wetland Area # 5)</u> Permanent wetland impact = 0.82 Ac. Longitude 84.1535° W, Latitude 35.8775° N
Sta. 56+55± to Sta. 58+70±	<u>Wetland Impact (Wetland Area # 6)</u> Permanent wetland impact = 0.30 Ac. Longitude 84.1535°, Latitude 35.8775°

This project includes an additional permanent filling of 0.06 acres of wetlands, and the temporary filling of 0.094 acre of wetlands for construction/haul roads. The applicant proposes to mitigate for the entire permanent wetland impact of 2.05 acres by the following:

The applicant would mitigate for 1.33 acres of permanent wetland impacts on-site by using the following mitigation methods and ratios:

Wetland Creation

- Mitigation area = 1.37 acres
- Mitigation ratio = 4:1
- Wetland mitigation credits = 0.34 acre

Wetland Restoration

- Mitigation area = 1.98 acres
- Mitigation ratio = 2:1
- Wetland mitigation credits = 0.99 acre

The remaining 0.72 acres will be mitigated by debiting 1.44 credits (2:1) from TDOT wetland credits at the Shady Valley Wetland Mitigation Bank.

In addition to the work identified above, the applicant has requested that the Corps of Engineers verify additional project activities that meet the criteria for authorization under the Nationwide Permit Program [January 15, 2002, Federal Register (Vol. 67, No. 10, pg 2020)]. Activities would involve stream culverts, channel changes, utility lines, bank stabilization, and wetland fills. The applicant proposes to mitigate the temporary wetland fills by returning the areas to their original elevations and seeding with perennial rye grass. TDOT would mitigate stream alterations by planting trees.

Representative plans of the proposal are attached to this notice. The complete set of engineered drawings for this project is available for viewing by contacting Carl R. Olsen at (615) 369-7513.

The decision whether to issue a permit will be based on an evaluation of the probable impacts including cumulative impacts of the 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 work must be balanced against its reasonably foreseeable detriments. All factors which may be relevant to the work 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, floodplain values, land use, navigation, shore 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. In addition, the 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 authority of Section 404(b)(1) of the CWA (40 CFR Part 230). A permit will be granted unless the District Engineer determines that it would be contrary to the public interest.

The 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 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.

An Environmental Assessment will be prepared by this office prior to a final decision concerning issuance or denial of the requested Department of the Army Permit.

The National Register of Historic Places has been consulted and no properties listed in or eligible for the National Register are known which would be affected by the proposed work. This review constitutes the full extent of cultural resources investigations unless comment to this notice is received documenting that significant sites or properties exist which may be affected by this work, or that adequately documents that a potential exists for the location of significant sites or properties within the permit area. Copies of this notice are being sent to the office of the State Historic Preservation Officer and the U.S. Department of the Interior, National Park Service, Interagency Archaeological Services - Atlanta.

Based on available information, the proposed work will not destroy or endanger any Federally-listed threatened or endangered species or their critical habitats, as identified under the Endangered Species Act. Therefore, we have reached a no effect determination

and initiation of formal consultation procedures with the U.S. Fish and Wildlife Service is not planned at this time.

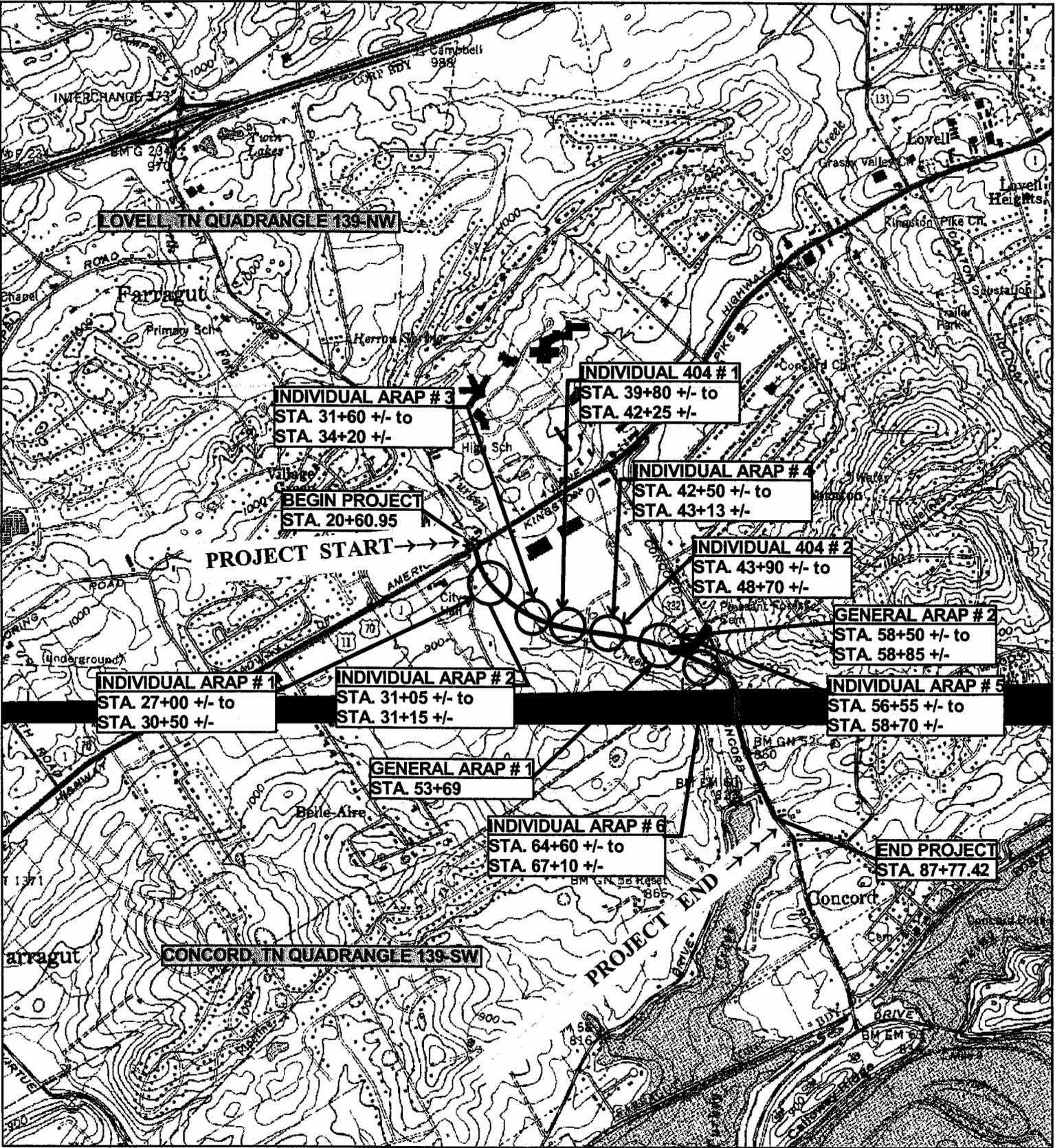
Other Federal, State, and/or local approvals required for the proposed work are as follows:

- a. Tennessee Valley Authority (TVA) approval under Section 26a of the TVA Act. In addition to other provisions of its approval, TVA would require the applicant to employ best management practices to control erosion and sedimentation, as necessary, to prevent adverse aquatic impacts.
- b. Water quality certification from the State of Tennessee, in accordance with Section 401(a)(1) of the Clean Water Act.

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.

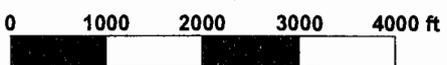
Written statements received in this office on or before June 3, 2004, will become a part of the record and will be considered in the determination. Any response to this notice should be directed to the Regulatory Branch, Attention: Carl R. Olsen, at the above address, telephone (615) 369-7513. It is not necessary to comment separately to TVA since copies of all comments will be sent to that agency and will become part of its record on the proposal. However, if comments are sent to TVA, they should be mailed to:

Ms. Pam Langford
TVA
Little Tennessee Watershed Team
804 Highway 321North
Lenoir City, TN 37771-6440



APPLICATION BY:
 TENNESSEE DEPARTMENT OF TRANSPORTATION
 Project No. 47033-1216-04
 PIN 101010.00
 Campbell Station Road Extension
 Reconstruct from south of State Route 1
 Turkey Creek Rd. in Farragut
 Knox County
 Near: Farragut, Tennessee

Scale 1:24000



CONTOUR INTERVAL 20 FEET
 NATIONAL GEODETIC VERTICAL DATUM OF 1929

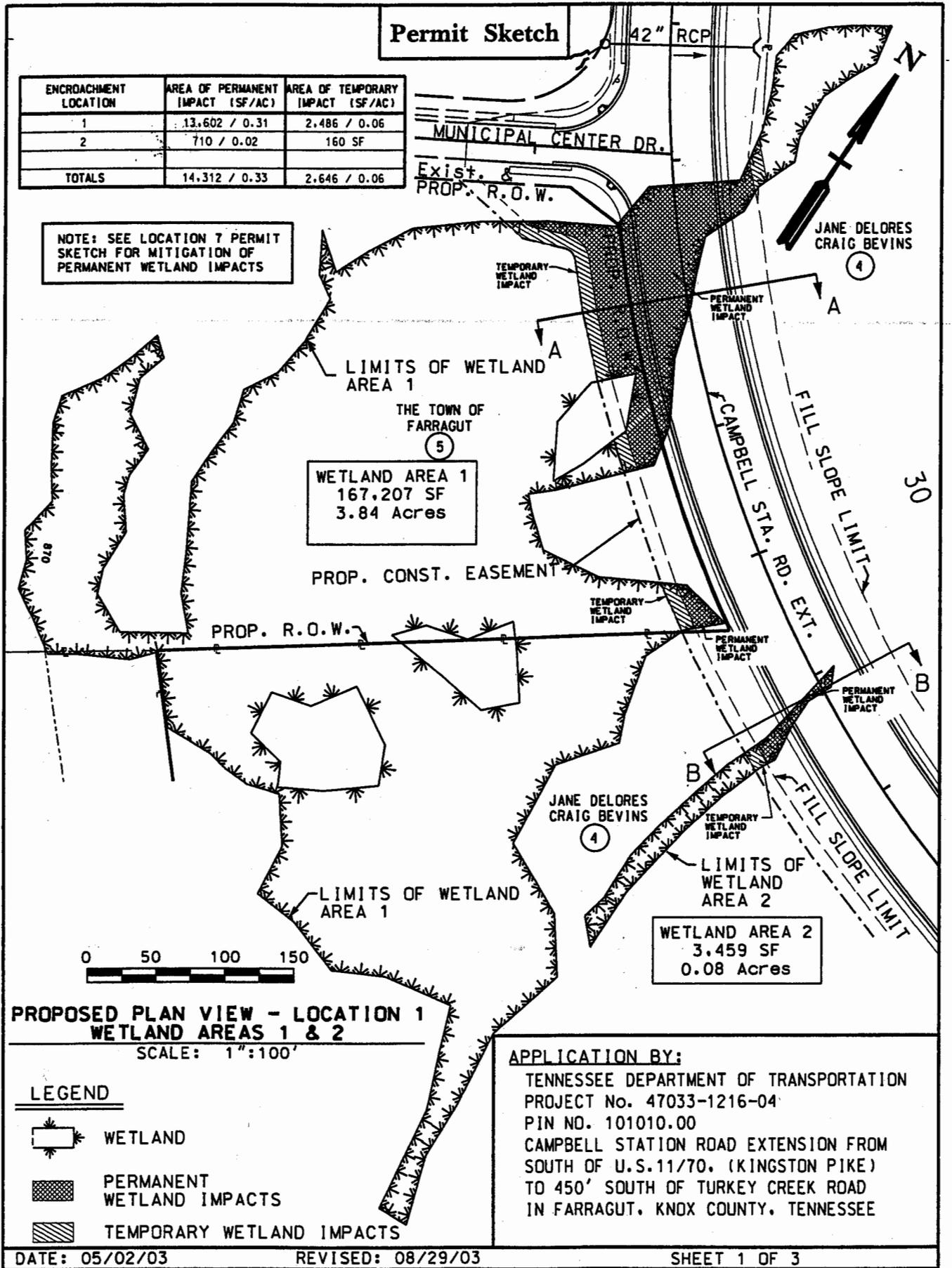
USGS
 LOVELL & CONCORD, TENN.

PN 04-27
 FILE NO. 970001720

Permit Sketch

ENCROACHMENT LOCATION	AREA OF PERMANENT IMPACT (SF/AC)	AREA OF TEMPORARY IMPACT (SF/AC)
1	13,602 / 0.31	2,486 / 0.06
2	710 / 0.02	160 SF
TOTALS	14,312 / 0.33	2,646 / 0.06

NOTE: SEE LOCATION 7 PERMIT SKETCH FOR MITIGATION OF PERMANENT WETLAND IMPACTS



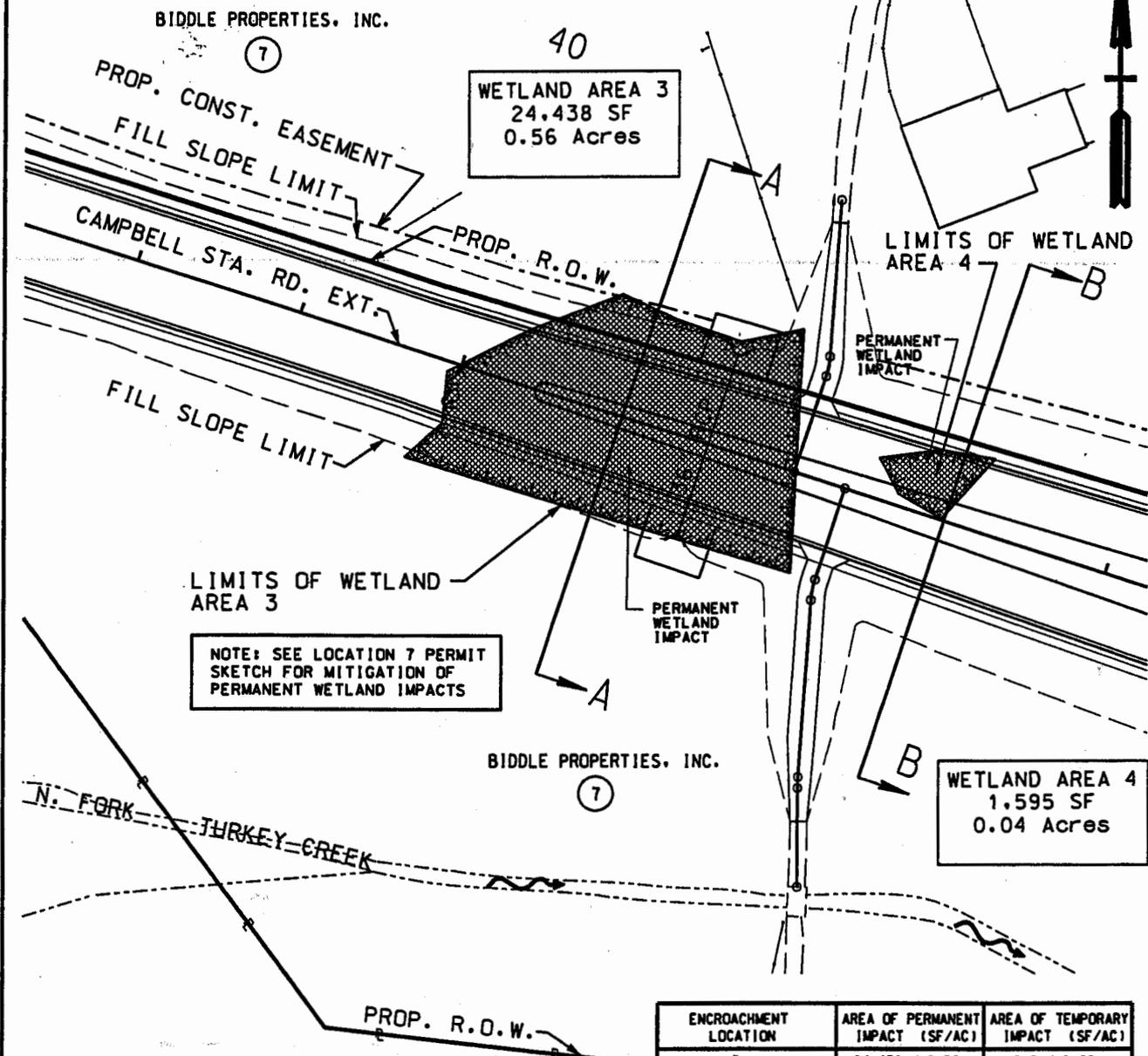
**PROPOSED PLAN VIEW - LOCATION 1
WETLAND AREAS 1 & 2**
SCALE: 1"=100'

LEGEND

- WETLAND
- PERMANENT WETLAND IMPACTS
- TEMPORARY WETLAND IMPACTS

APPLICATION BY:
 TENNESSEE DEPARTMENT OF TRANSPORTATION
 PROJECT No. 47033-1216-04
 PIN NO. 101010.00
 CAMPBELL STATION ROAD EXTENSION FROM
 SOUTH OF U.S.11/70. (KINGSTON PIKE)
 TO 450' SOUTH OF TURKEY CREEK ROAD
 IN FARRAGUT, KNOX COUNTY, TENNESSEE

Permit Sketch



**PROPOSED PLAN VIEW - LOCATION 3
WETLAND AREA 3 & 4**

SCALE: 1"=100'



LEGEND

- WETLAND
- PERMANENT WETLAND IMPACTS
- TEMPORARY WETLAND IMPACTS

ENCROACHMENT LOCATION	AREA OF PERMANENT IMPACT (SF/AC)	AREA OF TEMPORARY IMPACT (SF/AC)
3	24,438 / 0.56	0.0 / 0.00
4	1,595 / 0.04	0.0 / 0.00
TOTALS	26,033 / 0.60	0.0 / 0.00

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 IN FARRAGUT, KNOX COUNTY, TENNESSEE

DATE: 05/02/03

REVISED: 8/29/03

SHEET 1 OF 3

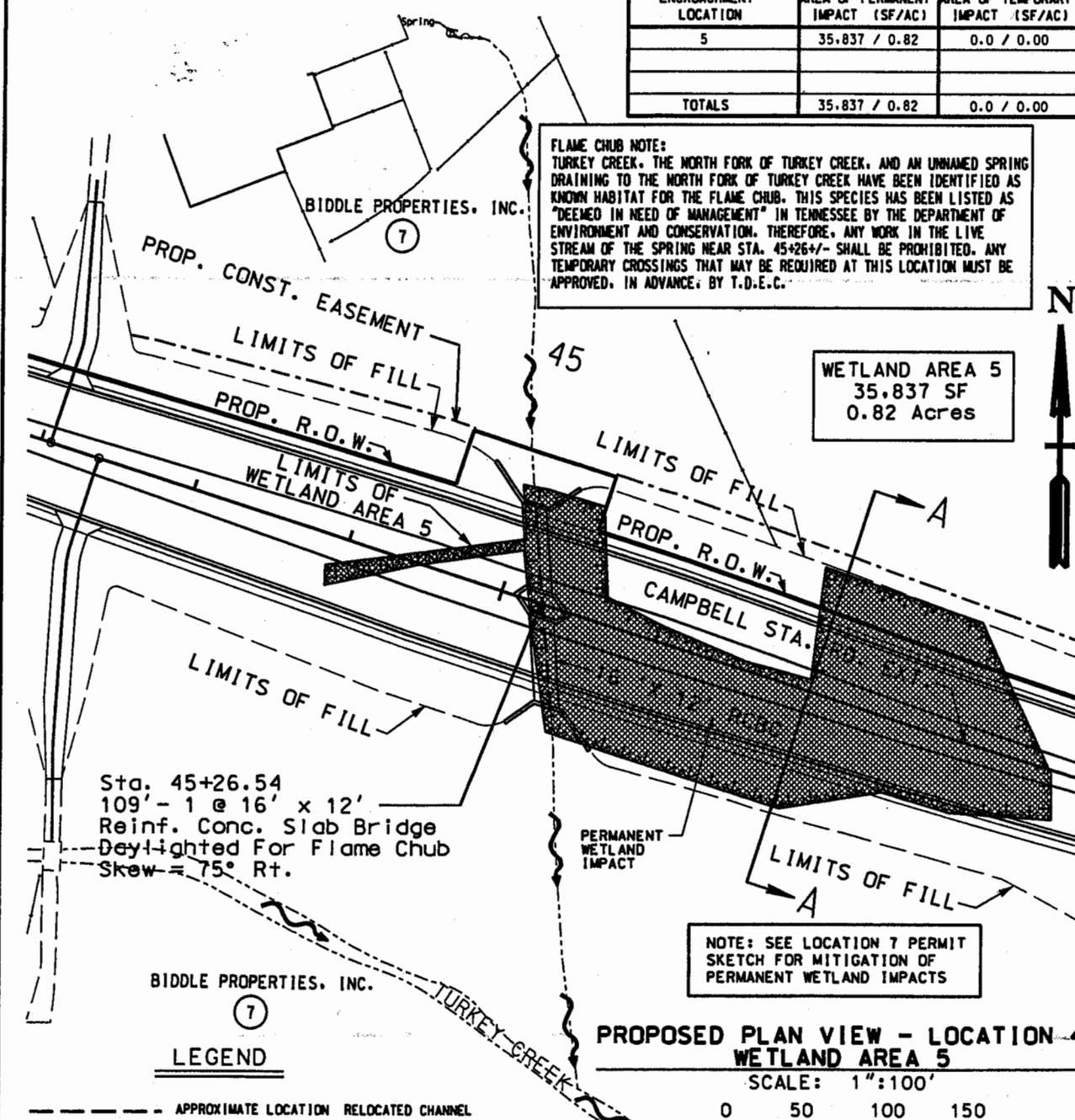
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Permit Sketch

ENCROACHMENT LOCATION	AREA OF PERMANENT IMPACT (SF/AC)	AREA OF TEMPORARY IMPACT (SF/AC)
5	35,837 / 0.82	0.0 / 0.00
TOTALS	35,837 / 0.82	0.0 / 0.00

FLAME CHUB NOTE:
 TURKEY CREEK, THE NORTH FORK OF TURKEY CREEK, AND AN UNNAMED SPRING DRAINING TO THE NORTH FORK OF TURKEY CREEK HAVE BEEN IDENTIFIED AS KNOWN HABITAT FOR THE FLAME CHUB. THIS SPECIES HAS BEEN LISTED AS "DEEMED IN NEED OF MANAGEMENT" IN TENNESSEE BY THE DEPARTMENT OF ENVIRONMENT AND CONSERVATION. THEREFORE, ANY WORK IN THE LIVE STREAM OF THE SPRING NEAR STA. 45+26+/- SHALL BE PROHIBITED. ANY TEMPORARY CROSSINGS THAT MAY BE REQUIRED AT THIS LOCATION MUST BE APPROVED, IN ADVANCE, BY T.D.E.C.

WETLAND AREA 5
 35,837 SF
 0.82 Acres



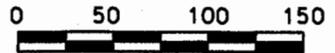
Sta. 45+26.54
 109'-1 @ 16' x 12'
 Reinf. Conc. Slab Bridge
 Daylighted For Flame Chub
 Skew = 75° Rt.

NOTE: SEE LOCATION 7 PERMIT SKETCH FOR MITIGATION OF PERMANENT WETLAND IMPACTS

BIDDLE PROPERTIES, INC.
 (7)

**PROPOSED PLAN VIEW - LOCATION 4
 WETLAND AREA 5**

SCALE: 1"=100'



LEGEND

- APPROXIMATE LOCATION RELOCATED CHANNEL
- STREAM FLOW IN EXISTING CHANNEL
- TREES PLANTED FOR MITIGATION. SEE ATTACHED MITIGATION SKETCH FOR FURTHER INFORMATION.
- WETLAND
- PERMANENT WETLAND IMPACTS
- TEMPORARY WETLAND IMPACTS

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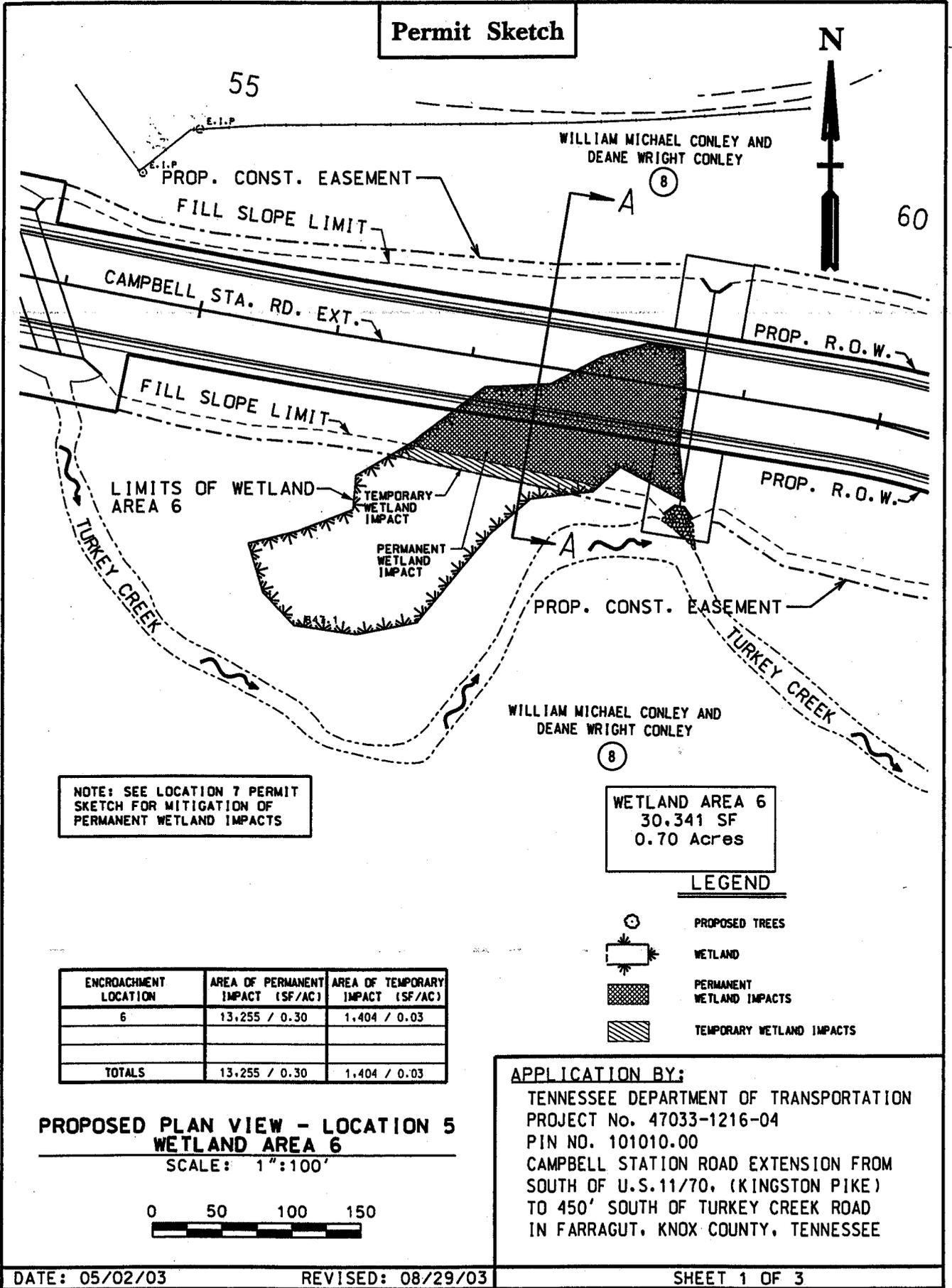
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SHEET 1 OF 3

PN 04-27
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Permit Sketch



NOTE: SEE LOCATION 7 PERMIT SKETCH FOR MITIGATION OF PERMANENT WETLAND IMPACTS

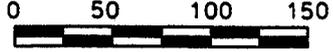
WETLAND AREA 6
30,341 SF
0.70 Acres

LEGEND

-  PROPOSED TREES
-  WETLAND
-  PERMANENT WETLAND IMPACTS
-  TEMPORARY WETLAND IMPACTS

ENCROACHMENT LOCATION	AREA OF PERMANENT IMPACT (SF/AC)	AREA OF TEMPORARY IMPACT (SF/AC)
6	13,255 / 0.30	1,404 / 0.03
TOTALS	13,255 / 0.30	1,404 / 0.03

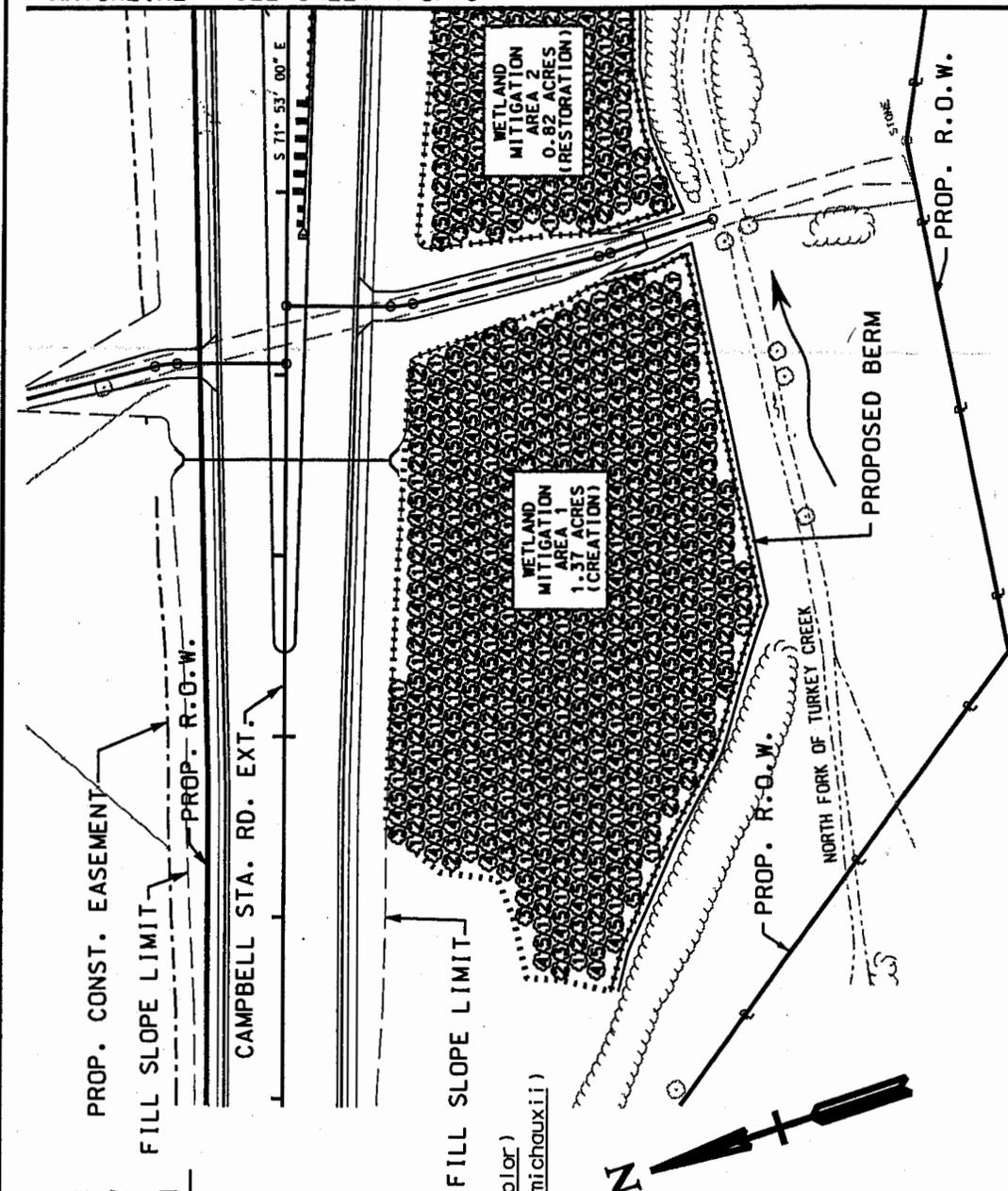
**PROPOSED PLAN VIEW - LOCATION 5
WETLAND AREA 6**
SCALE: 1"=100'



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Permit Sketch

MATCHLINE - SEE SHEET 4 OF 5



PROPOSED PLAN VIEW
LOCATION 7
WETLAND MITIGATION

SCALE: 1" = 100'



LEGEND

- 1 Willow Oak (*Quercus phellos*)
- 2 Water Oak (*Quercus nigra*)
- 3 Pin Oak (*Quercus palustris*)
- 4 Swamp White Oak (*Quercus bicolor*)
- 5 Swamp Chestnut Oak (*Quercus michauxii*)

ITEM NO.	DESCRIPTION	QUANTITY			UNIT	
		AREA 1	AREA 2	AREA 3		TOTAL
802-02.01	SEEDLINGS (<i>QUERCUS PHELLOS</i>) B.R. 12'-18" HT.	112	66	97	275	EACH
802-02.02	SEEDLINGS (<i>QUERCUS NIGRA</i>) B.R. 12'-18" HT.	113	65	99	277	EACH
802-02.03	SEEDLINGS (<i>QUERCUS PALUSTRIS</i>) B.R. 12'-18" HT.	111	65	97	273	EACH
802-02.04	SEEDLINGS (<i>QUERCUS BICOLOR</i>) B.R. 12'-18" HT.	114	66	97	277	EACH
802-02.05	SEEDLINGS (<i>QUERCUS MICHAUXII</i>) B.R. 12'-18" HT.	112	65	93	270	EACH
					1372	

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SHEET 3 OF 5

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