



DEPARTMENT OF
ENVIRONMENT &
CONSERVATION

PUBLIC NOTICE

File Number: NRS 10.177

Notice Date:
July 27, 2010

Expiration Date:
August 26, 2010

Pursuant to Chapter 1200-4-7 of the Department's rules, the proposed activity described below has been submitted for approval under an Aquatic Resource Alteration Permit (this also includes §401 Water Quality Certifications). This notice is intended to inform interested parties of this permit application and to ask for comments and information necessary to determine possible impacts to water quality. No decision has been made whether to issue or deny this application.

APPLICANT: State of Tennessee
Department of Transportation
Environmental Division
Suite 900, J. K. Polk Bldg.
505 Deaderick Street
Nashville, TN 37243-0334
615-532-9945

LOCATION: I-65 from north of SR-248 to north of SR-96 Williamson County
(lat35.8756/long86.8308)

PROJECT DESCRIPTION / PURPOSE: The project would involve the widening of I-65 from north of SR-248 to north of SR-96 to four lanes on each side. Station 326+72.87: Unnamed tributary to Harpeth River. Existing 207 ft. of 24 inch RCP to be extended by 36 ft with 14 ft. of riprap at the outlet. Associated I.T.S. conduit utility line would be relocated. Station 338+30 to Sta. 339+35: Wetland. Proposed permanent impact to 0.063 and temporary impact to 0.08 acre of wetlands with associated 48 RCP outfall structure. Station 383+94: Harpeth River: Proposed replacement of existing left and right bridge with 292 ft. of 4-span concrete deck girder bridge with riprap installed around abutments. Station 402+29: Tributary to Robinson Lake. Existing 204 ft. of 5X6 ft. box culvert to be extended 11 ft. at the outlet with 15 ft. of paved outlet and 24 ft. of riprap associated impact include a utility line crossing for I.T.S conduit. Station 438+00 (Lt) to Sta. 454+00 (Lt): Unnamed tributary of Watsons Branch. Proposed 1,600 ft. of retaining wall for bank stabilization. Station 438+20 (Lt) to Sta. 439+30 (Rt): Watson Branch. Existing 194 ft. of 2@ 10X7.5 concrete box culvert to be extended by 27 ft. (total 221 ft.). Station 445+70 (Rt) to Sta. 458+75 (Rt): Unnamed tributary. Existing 1,320 ft. of open stream to relocated into a constructed flat bottom stream 2,480 ft. stream with riprap impressed into the bottom substrate. As mitigation for impacts to 220 ft. (encapsulation) and 990 ft. (1,320 ft. riprap lined X 0.75) TDOT proposes payment of \$242,200.00 to the Tennessee In-lieu Fee Stream Mitigation Program.

DEGRADATION: In accordance with the Tennessee Antidegradation Statement (Rule 1200-4-3-.06), the division has determined that the proposed activities **will** result in degradation to water quality.

WATERSHED / WATERBODY DESCRIPTION: The proposed impacts would affect the Harpeth River and unnamed tributaries. The Harpeth River (TN05130204001_1000) is a 303d listed (2008 - municipal point sources) through a wide meandering channel ~60-70 feet wide. The stream varies in depth up to 24 inches flowing over a silt/sand/gravel substrate and has a thin canopy of mixed softwoods and shrubs. The land use in the area is suburban residential.

Stream Name / ID #: The Harpeth River (TN05130204001_1000)

Ecoregion: Loess Plains

Stream Dimension:

Channel bottom width	40-50'
Chanel top width	60-70'
Water depth	6-24"
Bank height	10-30'

Substrate: silt/sand/gravel

Designated Use	Use Support	Causes
fish and aquatic life	fully supporting	
recreation	fully supporting	
industrial water supply	fully supporting	
irrigation	fully supporting	
livestock watering & wildlife	fully supporting	

Assessment Date: 2008

PERMIT COORDINATOR: Brian Canada

FACTORS CONSIDERED: In deciding whether to issue or deny a permit, the department will consider all comments of record and the requirements of applicable federal and state laws. In making this decision, a determination will be made regarding the lost value of the resource compared to the value of any proposed mitigation. The department shall consider practicable alternatives to the alteration. The department shall also consider loss of waters or habitat, diminishment in biological diversity, cumulative or secondary impacts to the water resource, and adverse impact to unique, high quality, or impaired waters.

COMMENTING: Persons wishing to comment on the proposal are invited to submit written comments to the department. Written comments must be received within **thirty days of the date that this notice is posted**. Comments will become part of the record and will be considered in the final decision. The applicant's name and permit number should be referenced. Send all written comments to the department's address listed below and to the attention of the permit coordinator.

PUBLIC HEARING: Interested persons may request in writing that the department hold a public hearing on this application. The request must be filed within the comment period, indicate the interest of the person requesting it, the reasons that the hearing is warranted, and the water quality issues being raised. When there is sufficient public interest in water quality issues, the department will hold a public hearing. Send all public hearing request to the department's address listed below and to the attention of the permit coordinator.

FILE REVIEW: The permit application, supporting documentation including detailed plans and maps, and related comments are available at the department's address (listed below) for review and/or copying.

Tennessee Department of Environment & Conservation
Division of Water Pollution Control, Natural Resources Section
7th Floor L & C Annex
401 Church Street
Nashville, TN 37243

