

**COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF TRANSPORTATION**
www.dot.state.pa.us



1620 North Juniata Street
Hollidaysburg, PA 16648
July 27, 2007

Carolyn Zambanini, Chief Clerk
300 N. Center Ave, Suite 500
Somerset, PA 15501-1472

RE: Somerset County, Somerset Twp.
S.R. 1002 Segment 0010 Offset 0832
Over Wells Creek
Notification of Application of Water Obstruction Permit

Dear Ms. Zambanini:

The purpose of this notice is to inform you of our intent to submit an application to the Pennsylvania Department of Environmental Protection (DEP) for the above referenced project. The project involves replacement of a bridge superstructure, which carries SR 1002 over Wells Creek in Somerset Township. In addition to the superstructure, this project involves the placement of rip-rap at the abutments and wingwalls, and the cleaning of sediment from the stream channel.

Section 1905-A of the Commonwealth Administrative Code, as amended by Act 14, requires that each applicant for a DEP permit must give written notice to the municipalities and the counties in which the permitted activity is located. The written notices shall be received by the municipalities and counties at least 30 days before the Department may issue or deny the permit.

“Acts 67 and 68, which amended the Municipalities Planning Code, to support sound land use practices and planning efforts, direct state agencies to consider comprehensive plans and zoning ordinances when reviewing applications for permitting of facilities or infrastructure, and specify that state agencies may rely upon comprehensive plans and zoning ordinances under certain conditions as described in Sections 619.2 and 1105 of the Municipalities Planning Code. Enclosed is an application that we have completed for this project. DEP invites you to review the attached application and comment on the land use aspects of this project; please be specific to DEP when identifying any areas of conflict. If you wish to submit comments for DEP to consider in a land use review of this project, you must respond within 30 days to the DEP regional office listed below. If there are no land use comments received by the end of the comment period, DEP will assume that there are no substantive land use conflicts and proceed with the normal application review process.”

Carolyn Zambanini, Chief Clerk
Somerset County, Somerset Twp.
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July 27, 2007
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Please submit any comments concerning this project within 30 days from date of receipt of this letter to the DEP Soils and Waterways Section at Southwest Regional Office, 400 Waterfront Dr, Pittsburgh, PA 15222-4739.

If you have any questions with regard to this permit application, please contact Mr. Ralph J. DeStefano, P.E., District Bridge Engineer, at (814) 696-7180.

Sincerely,



for Thomas A. Prestash, P.E.
District Executive
Engineering District 9-0

Enclosures

Carolyn Zambanini, Chief Clerk
Somerset County, Somerset Twp.
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090/WDH/cah

GP11(9-7(07-27-07)

c: T.A. Prestash, District Executive, 9-0

T.R. Yocum, District Environmental Manager

CIRCULATION COPY (WAT, RJD, LKE, KAS, SAR, WDH)

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1620 North Juniata Street
Hollidaysburg, PA 16648
July 27, 2007

Dan Halverson, Supervisor
2209 Center Ave
Somerset, PA 15501-7443

RE: Somerset County, Somerset Twp.
S.R. 1002 Segment 0010 Offset 0832
Over Wells Creek
Notification of Application of Water Obstruction Permit

Dear Mr. Halverson:

The purpose of this notice is to inform you of our intent to submit an application to the Pennsylvania Department of Environmental Protection (DEP) for the above referenced project. The project involves replacement of a bridge superstructure, which carries SR 1002 over Wells Creek in Somerset Township. In addition to the superstructure, this project involves the placement of rip-rap at the abutments and wingwalls, and the cleaning of sediment from the stream channel.

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c: T.A. Prestash, District Executive, 9-0
T.R. Yocum, District Environmental Manager

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COMMONWEALTH OF PENNSYLVANIA
 DEPARTMENT OF ENVIRONMENTAL PROTECTION
 BUREAU OF WATERSHED MANAGEMENT
 WATER OBSTRUCTION AND ENCROACHMENT

DEP USE ONLY	
Acknowledged Date _____	GP _____
PASPGP-3 Authorization included: <input type="checkbox"/> YES <input type="checkbox"/> NO	
Transfer Date _____	

BWM-GP-11 GENERAL PERMIT REGISTRATION
Maintenance, Testing, Repair, Rehabilitation, or
Replacement of Water Obstructions and Encroachments

SECTION A. APPLICANT INFORMATION

Check One: New Permit Transfer of Existing Permit – complete Sections A, C & H and transfer form - 3930-PM-WM0016

Existing Permit(s) Number for Project(s) with a Submerged Lands License Agreement or an annual fee (if applicable): N/A

Applicant Name
 Pennsylvania Department of Transportation, Engineering District 9-0

Contact Person Last Name	First Name	MI	Telephone
Swan	Kristen	A	(814) 696-6827

Mailing Address	City	State	Zip + 4
1620 North Juniata St	Hollidaysburg	PA	16648

Email Address kswan@state.pa.us

SECTION B. CONSULTANT (if applicable)

Consultant - Last Name	First Name	MI	
Consulting Firm			

Mailing Address	City	State	Zip + 4

Telephone	FAX	Email
()	()	

SECTION D1. PROJECT INVENTORY For <u>Somerset</u> County*								
Activity Number**	Existing Permit Number and Type of Water Obstruction (Bridge, Culvert, Utility Stream Crossing, Utility Wetland Crossing)	Activity Type (Maintenance, testing, repair, rehabilitation, or replacement)	Earth Disturbance (sq. ft.)	Name of USGS Quadrangle Map	Municipality Where Project is Located	Name of Stream	Chapter 93 Stream Designation	Special PFBC Designation (Wild Trout, Stocked Trout, Migratory Fishes)
1	Bridge	Rehabilitation/Repair	6,789	Stoystown	Somerset Twp	Wells Creek	CWF	None
2								
3								
4								
5								
6								
7								
8								
9								
10								
11								

*For multiple structures attach additional sheets that provide the same information requested in the chart.

**The number used for a particular water obstruction from Section D1 should match the number in Section D2 for the same water obstruction.

SECTION D2. BRIDGE AND/OR CULVERT REPLACEMENT PROJECTS OR PROJECTS THAT CHANGE THE WATERWAY OPENING*										
Activity Number**	Bridge/Culvert Existing					Bridge/Culvert Proposed				
	Waterway Opening (sq. ft.) (cross section/area)	Span (ft.)	Underclearance (ft.)	Length (ft.) (upstream to downstream)	Material Type (RCP, CMP, etc.)	Waterway Opening (sq. ft.) (cross section/area)	Span (ft.)	Underclearance (ft.)	Length (ft.) (upstream to downstream)	Material Type (RCP, CMP, etc.)
1	423	2 - 36'-0"	5'-10.5"	33'-0"	Steel I-Beams w/Conc Deck	432	2 - 36'-0"	6'-0"	31'-4.5"	Steel I-Beams w/Conc Deck
2										
3										
4										
5										
6										
7										
8										
9										
10										
11										

*For multiple structures attach additional sheets that provide the same information requested in the chart.

**The number used for a particular water obstruction from Section D1 should match the number in Section D2 for the same water obstruction.

SECTION E. COMPLIANCE REVIEW

Yes No

Is the applicant (owner and/or operator) currently in violation of any permits issued by the Department?

If yes, please provide:

1. Permit Number: _____

2. Nature of the violation (if any): _____

3. Status of violation (i.e., schedule for compliance, etc.): _____

SECTION F. OTHER PERMITS

Yes No

Are any other Chapter 105 permits required for this project, excluding GP-8?

SECTION G. CERTIFICATION

I certify that the information provided in this permit registration is true and correct to the best of my knowledge and information.

Signature of Permittee
(Person Responsible for Installation, Operation
and Maintenance of Authorized Activity)

Date

Type or Print Name

AN ACKNOWLEDGED COPY OF THIS GENERAL PERMIT AND THE EROSION AND SEDIMENT CONTROL PLAN REVIEWED BY THE DEP REGIONAL OFFICE MUST BE AVAILABLE AT THE PROJECT SITE DURING CONSTRUCTION.

SECTION H. REGISTRATION CHECKLIST

In order to register use of this General Permit, confirm the following:

Yes N/A

- I/we have notified the Municipality and County.
- I/we hereby notify the Department that BDWM-GP-8, Temporary Road Crossing will also be utilized during the maintenance activity.

Please Submit:

- Completed Permit Registration Form.
- LOCATION MAP. An 8 ½" by 11" photocopy of a portion of the U.S.G.S. 7 ½ Minute Quadrangle Map or suitable mapping with the project site(s) identified.
- Wetland Information Data Sheets, Field Notes, or Photos of the wetland area.
- Engineering plan or sketch drawing that provides the necessary information.
- Project cross-section drawing.
- Completed copy of a PNDI Search Form with Search Receipt.
- For bridge or culvert replacements, activities that reduce the size of the waterway opening, or work on a structure that poses a threat to human life or a substantial potential risk to property, plans, specifications and hydrologic and hydraulics report shall be prepared and submitted by a registered professional engineer and shall be affixed with their seal and certification.
- Erosion and Sediment Control Plan for earth disturbance activities
- Any existing Submerged Lands License Agreements

Please submit where required:

- Photographs – For projects involving a waterway opening, photos upstream and downstream of the existing structure are required.
- Bog Turtle Habitat Screening Form (where required). This screening is required for General Permits 5, 6, 7, 8, 9, and 11 which may impact wetlands in the following counties: Adams, Berks, Bucks, Chester, Cumberland, Delaware, Franklin, Lancaster, Lebanon, Lehigh, Monroe, Montgomery, Northampton, Schuylkill (Swatara Watershed), and York.

SECTION I1. DRAWINGS/PLANS

- 1) Engineering drawings prepared and sealed by a Professional Engineer are required for the following types of projects:
- a) bridge and culvert replacements
 - b) activities that reduce the size of the waterway opening
 - c) bridges or culverts across a watercourse which are to be used by the general public
 - d) work on a structure that poses a threat to human life or a substantial potential risk to property
- 2) Prepared plans or sketch plans maybe submitted for activities not listed in 1 a) through d).

*Please make sure the information below is provided on all engineering plans, drawings, and other prepared plans or sketch plan required for registration.

SECTION I2. DRAWINGS/PLANS CHECKLIST

YES	N/A		YES	N/A	
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Permanent Stream Impacts with Dimensions Total Length <u>158'</u> Total sq. ft. <u>2616 sq ft</u>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Stream Name <u>Wells Creek</u>
			<input checked="" type="checkbox"/>		Chapter 93 Stream Designation <u>CWF</u>
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Temporary Stream Impacts	<input checked="" type="checkbox"/>		Location of Property Lines Relative to the Project
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Wetland Acreage Onsite <u>0.15 acre</u>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Existing Utilities
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Permanent Wetland Impacts <u> </u> sq. ft.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Proposed Utilities
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Temporary Wetland <u>1132</u> sq. ft.			
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Stream Limits and Flow Direction	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Existing Buildings, Roadways, Other Structures
<input type="checkbox"/>	<input type="checkbox"/>	Floodway Limits (if known)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Proposed Buildings, Roadways, Other Structures
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Limits of Earth Disturbance Associated with this Activity	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Other Waters (i.e. pond, lakes)
			<input checked="" type="checkbox"/>		Please indicate North
			<input type="checkbox"/>	<input type="checkbox"/>	Please indicate photo locations

Use the next sheet for sketch if applicable

SKETCH PLAN

(if applicable)

PennDOT Dist 9-0

Applicant Name

See Attached Sheets

Scale 1" = _____ ft.

PennDOT Dist 9-0

Applicant Name

PROJECT CROSS SECTIONS

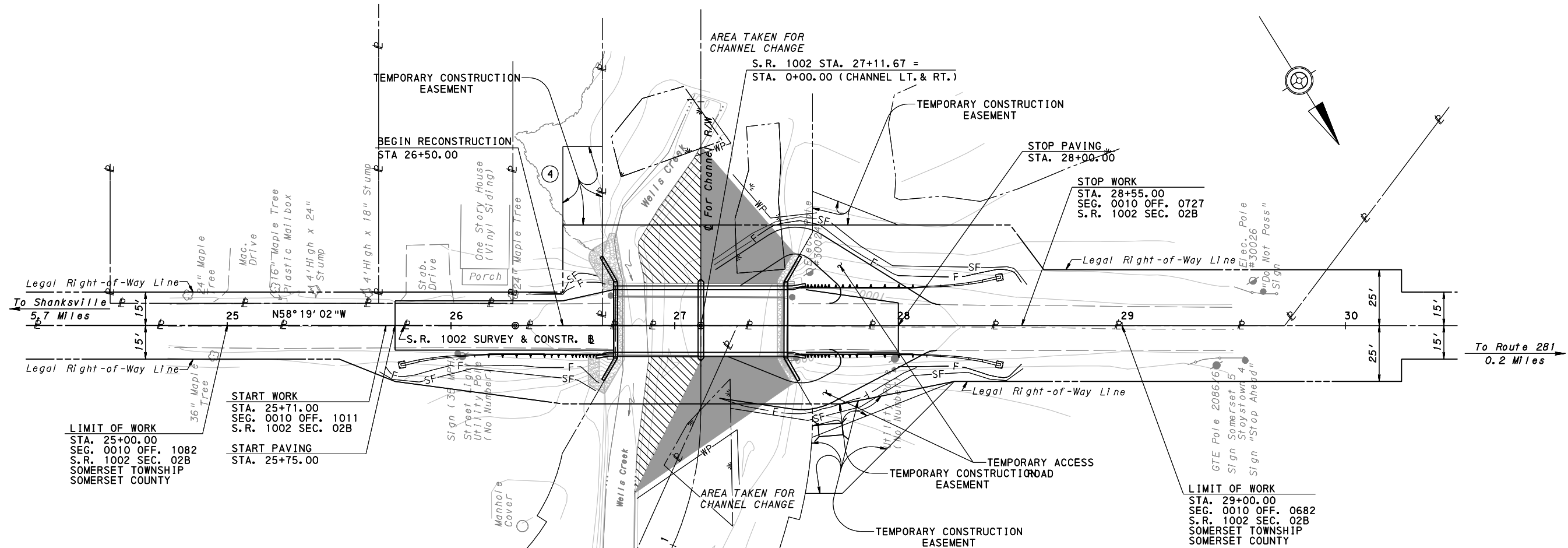
Provide a cross section of the project if not included on the Engineering Drawings, showing the dimensions of the waterway opening, area of fill materials used, and other pertinent information necessary to accurately depict the scope of your project, and allow the Department to determine that the project complies with the terms and conditions of this General Permit.

See Attached Sheets.

EROSION CONTROL NOTES

- PLACE EROSION CONTROL MEASURES & SEDIMENT FILTER BAG AS INDICATED BEFORE BEGINNING EXCAVATION OPERATIONS.
- PUMP ANY WATER THAT ENTERS THE EXCAVATED AREA INTO THE SEDIMENT FILTER BAG.
- DO NOT DISCHARGE WATER CONTAINING SEDIMENTS OR POLLUTANTS INTO THE STREAM.
- LIMIT MOVEMENT OF EQUIPMENT THROUGH THE STREAMBED SO AS TO PREVENT UNNECESSARY SILTATION OR DISTURBANCE.
- DO NOT USE EARTH OR OTHER MATERIALS WHICH MAY CAUSE SEDIMENTATION, FOR ANY CROSSING, CAUSEWAYS, OR COFFER-DAMS.
- SEED AND/OR STABILIZE ALL STREAM BANKS IMMEDIATELY UPON COMPLETION OF GRADING.
- REPLACE SEDIMENT FILTER BAG (WHEN FULL) DURING CONSTRUCTION, DISPOSE OF SEDIMENT REMOVED FROM THE PROJECT IN A SATISFACTORY MANNER.
- UPON COMPLETION OF THE CONSTRUCTION, REMOVE ALL EROSION CONTROL DEVICES, AND RESTORE THE AREA TO ITS ORIGINAL CONDITION.

DISTRICT	COUNTY	ROUTE	SECTION	SHEET
9-0	SOMERSET	1002	02B	2 OF 3
SOMERSET TOWNSHIP				
REVISION NUMBER	REVISIONS	DATE	BY	



LEGEND

- DENOTES ROCK, CLASS R-4 (ROADWAY ITEM)
- DENOTES SELECTED BORROW EXCAVATION ROCK, CLASS R-7, MODIFIED. CHOKED WITH ROCK, CLASS R-4 (ROADWAY ITEM)
- DENOTES LIMIT OF SEDIMENT REMOVAL TO 6" ABOVE WATER SURFACE
- DENOTES LIMIT OF CLEANING
- WP TEMPORARY PROTECTIVE FENCE FOR EXISTING WETLANDS MATERIAL
- SF SILT FENCE
- SEDIMENT FILTER BAG

HYDRAULIC DATA

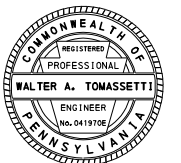
DRAINAGE AREA= 10.3 SQ. MILES
 DESIGN FLOOD:
 MAGNITUDE=3050 C.F.S.
 FREQUENCY=100 YEARS
 FLOOD OF RECORD
 NONE AVAILABLE

PROPOSED STRUCTURE

Sta. 27+11.67
 TYPE: TWO SPAN MULTI-STEEL I-BEAM WITH CONCRETE DECK ON CONCRETE ABUTMENTS, WING WALLS AND PIER
 CLEAR SPAN: (2) 36'-0" SPANS ALONG C
 SKEW: 90°
 UNDER CLEARANCE: 6'-0"
 CLEAR ROADWAY: 28'-0"
 STRUCTURE NO. S-27262

EXISTING STRUCTURE

Sta. 27+11.67
 TYPE: Two Span Multi-Steel I-Beam with Steel Plank Flooring and Bituminous Deck on Stone Wing walls & Pier
 CLEAR SPAN: (2) 36'-0" Spans Along C
 SKEW: 90°
 UNDER CLEARANCE: 5'-10 1/2"
 Clear Roadway Width: 26'-0"



SOMERSET COUNTY
 S.R. 1002 SECTION 02B
 SOMERSET TOWNSHIP
 WELLS CREEK BRIDGE
**EROSION AND SEDIMENT
 POLLUTION CONTROL DETAILS**