

Floodplain Development Permit

Doddridge County, WV Floodplain Management

This permit gives approval for the development/ project listed that impacts the FEMA-designated floodplain and/or floodway of Doddridge County, WV, pursuant to the rules and regulations established by all applicable Federal, State and local laws and ordinances, including the Doddridge County Floodplain Ordinance. This permit must be posted at the site of work as to be clearly visible, and must remain posted during entirety of development.

Permit #: 16-438 WVDOH RT.18 BANK STABILIZATION

Date Approved: October 11, 2016 Expires: October 11, 2017

Issued to: WVDOH DISTRICT 4

POC: CHAD SAAS 304-203-6538

Company Address: 2460 Murphy Run Rd, Bridgeport, WV 26330

Project Address: Sugarcamp Run, Blandville area off RT.18

Firm: 54017C0230C

Lat/Long: 39.24680,80.69440

Purpose of development: Repair area with Riprap/stabilize bank

Issued by: George C. Eidel, CFM, Doddridge County FPM (or designee)

Date: October 11, 2016



Doddridge County Floodplain Permits

(Week of October 16, 2016)

Please take notice that on the 6 day of October, 2016, WVDOH filed an application for a Floodplain Permit (#16-438) to develop land located at or about Sugarcamp Run, 39.24680, 80.69440. The Application is on file with the Clerk of the County Court and may be inspected or copied during regular business hours. Any interested persons who desire to comment shall present the same in writing by November 7, 2016 (20 calendar days after the announcement at the regularly scheduled Doddridge County Commission Meeting) delivered to the Clerk of the County Court at 108 Court Street Ste. 1, West Union, WV 26456. This project is bank stabilization.



WEST VIRGINIA DEPARTMENT OF TRANSPORTATION

Division of Highways

Earl Ray Tomblin Governor Office of the District Engineer/Manager
District Four

P. O. Box 4220 · Clarksburg, West Virginia 26302 · 304/842-1500

October 4, 2016

MEMORANDUM

TO:

Doddridge County Floodplain Coordinator

ATTN:

Bo Wriston

FROM:

Chad Saas, Environmental Coordinator D4

CA

SUBJECT:

Bank Stabilization

PROJECT:

Doddridge County Route 18 Milepost 12.85

Doddridge County

This submission is a preliminary notification for the pending project. The project is located within Zone AE on FIRM Map # 54017C0230C. Should you require any additional information, please contact Chad Saas, D-4 Environmental Coordinator at (304) 627-2115, or email at Chad.B.Saas@wv.gov.

Existing Condition: The subject has an area of stream bank that is eroded and has begun to encroach into the roadway shoulder. The project is located on Sugarcamp Run in the Blandville area of Doddridge County.

Proposed Work: Repair area with Riprap..

Ground Disturbance: The area of disturbance will be very minimal. All slopes will be stabilized with seed, mulch and stone.

Attached: County & highway map, USGS topo map, photos and plans.



Permit# 16-438

Project Name: R+18 Bank Stabilization

Permittees Name: WV Division of

Highways

Doddridge County, WV

Floodplain Development Permit Application

This document is to be used for projects that impact/potentially impact the FEMA---designated floodplain and/or floodway of Doddridge County, WV pursuant to the rules and regulations established by all applicable Federal, State and local laws and ordinances, including the Doddridge County Floodplain Ordinance.

SECTION 1: GENERAL PROVISIONS (APPLICANT TO READ AND SIGN)

- 1. No work may start until a permit is issued.
- 2. The permit may be revoked if any false statements are made herein.
- 3. If revoked, all work must cease until permit is re-issued.
- 4. Development shall not be used or occupied until a Certificate of Compliance is issued.
- 5. The permit will expire if no work is commenced within six months of issuance.
- 6. Applicant is hereby informed that other permits may be required to fulfill local, state, and federal requirements.
- 7. Applicant hereby gives consent to the Floodplain Administrator/Manager or his/her representative to make inspections to verify compliance.
- 8. I THE APPLICANT CERTIFY THAT ALL STATEMENTS HEREIN AND IN ATTACHMENTS TO THIS APPLICATION ARE, TO THE BEST OF MY KNOWLEDGE, TRUE AND ACCURATE.

APPLICANT'S SIGNATURE	CUA	
DATE	10-6-16	

Applicant Information:

Please provide all pertinent data.

Applicant information 😙		
Responsible Company Name: WVDOH		
Corporate Mailing Address: 2460 Murphy Run	Rd	
City: Bridgeport	State: WV	Zip: 26330
Corporate Point of Contact (POC): Chad Saas		
Corporate POC Title: WVDOH District 4 Environ	nmental Coord	inator
Corporate POC Primary Phone:304-203-6538	The second secon	
Corporate POC Primary Email:chad.b.saas@wv	.gov	
Corporate FEIN:	Corporate DI	JNS:
Corporate Website:	<u>-L</u>	
Local Mailing Address: 2460 Murphy Run Rd		
City: Bridgeport	State: WV	Zip:26330
Local Project Manager (PM): Jeff Crislip	·	
Local PM Primary Phone:304-873-2771		
Local PM Secondary Phone:681-622-1325		
Local PM Primary Email:jeff.a.crislip@wv.gov	 	
Person Filing Application: Chad Saas	***************************************	
Applicant Title: WVDOH District 4 Environmen	tal Coordinato	r
Applicant Primary Phone: 304-203-6538		10 - 10 - 10 - 10 - 10 - 10 - 10 - 10 -
Applicant Secondary Phone: 304-627-2115		
Applicant Primary Email: chad.b.saas@wv.gov		

Project Narrative:

Describe in detail the proposed development including project name/title, type of development, estimated start and completion timeline, and its potential impact on the floodplain. Use additional copies of this page as needed.

Project Narrative:
The WVDOH is planning to repair a streambank failure that is located along Sugarcamp Run. The
plan is to repair the eroded areas on both streambank with shot rock and restore the area back to
Its original contours.

Proposed Development:

Please check all elements of the proposed project that apply.

DESCRIPTION OF WORK (CHECK ALL APPLICABLE BOXES)

A. STRUCTURAL DEVELOPMENT

	AC	TIVITY				STRUCTU	IRAL TYPE
[]	New Struct	ture			[]	Residentia	l (1 – 4 Family)
[]	Addition				[]	Residentia	l (more than 4 Family)
[]	Alteration				0	Non-reside	ential (floodproofing)
[]	Relocation				[]	Combined	Use (res. & com.)
	Demolition	1			[]	Replaceme	ent
[]	Manufact	ured/Mo	bil Home				
В.	OTHER DE	VELOPI	LMENT ACT	IVITIES:			
[]	Fill	0	Mining	[]	Drilling	; O	Pipelining
[]	Grading						
[]	Excavation	(except	for STRUCTUF	RAL DEVE	LOPMENT	Γ checked a	bove)
[]	Watercour	se Altera	ation (includin	g dredgii	ng and cha	annel modif	fication)
[x]	Drainage Ir	nproven	nents (includir	ng culver	t work)		
[]	Road, Stree	et, or Bri	dge Construct	tion			
[]	Subdivision	ı (includi	ing new expar	nsion)			
[]	Individual 1	Water or	Sewer Syster	n			
[]	Other (plea	ase speci	fy)				
			11. T.				
					v		***************************************
	11-A444						

Development Site/Property Information:

Please provide physical description of the site/property, along with pertinent ownership (surface and mineral rights) data as applicable. Attach appropriate maps from the WV Flood Tool showing location of proposed development. Use additional copies of this page if development spans multiple property boundaries. Designate each property by number (i.e. Property 1 of 1, Property 2 of 7, etc.)

Property Designation	on: of			
Site/Property Inform	nation:			
Legal Description: Le	ocated along Rt. 18 at n	nilepost 12.85 near	the community of	Blandville. See
maps attached to orig	ginal email			
Physical Address/91	1 Address: N/A			
Decimal Latitude/Lo	ongitude:39.24680 -80.	69440		
DMS Latitude/Longi	tude:			
District:	Map:		Parcel:	
Land Book Descripti	on:			
Deed Book Reference	e:			
Tax Map Reference:				
Existing Buildings/U	se of Property:			
Floodplain Location	Data: (to be completed	hy Floodalain Mana	er ordeciance)	
Community:	Number:	Panel:	Suffix:	
Location (Lat/Long)	:	Approximate	Elevation:	
		Estimated BFI	ì:	
Is the development i	n the floodway?	Is the develop	ment in the flood	plaim?
Yes	No	- Yes	No Zone	.
Notes:				
				· · · · · · · · · · · · · · · · · · ·

Property Owner Data:

Please provide data on current site/property landowner(s), both surface and mineral rights (as applicable). Use additional copies of this page as needed. Designate each page in relation to each property listed above.

Property Designation: of		
Property Owner Data:		
Name of Primary Owner (PO): WVD0)H District 4	
PO Address: Murphy's Run Rd		
City: Bridgeport	State: WV	Zip: 26330
PO Primary Phone: 304-842-1500		
PO Secondary Phone:		
PO Primary Email:		
Surface Rights Owner Data:		
Name of Primary Owner (PO):		
PO Address:		
City:	State:	Zip:
PO Primary Phone:		
PO Secondary Phone:		
PO Primary Email:		
		111111111111111111111111111111111111111
Mineral Rights Owner Data: (As Appl	icable)	pro-
Name of Primary Owner (PO):		
PO Address:		
City:	State:	Zip:
PO Primary Phone:		
PO Secondary Phone:		
PO Primary Email:		

Contractor Data:

Property Designation:

of_

Please provide all pertinent data for contractors and sub---contractors that may be participating in this project. Use additional copies of this page as needed. Designate each page in relation to each property listed above.

C/SC Company Name: N/A		
C/SC WV License Number:	* *************************************	
C/SC FEIN:	C/SC DUNS:	
Local C/SC Point of Contact (POC):		
Local C/SC POC Title:		
C/SC Mailing Address:	7	
City:	State:	Zip-Code:
Local C/SC Office Phone:		
Local C/SC POC Phone:		
zota: d/od r od r mone.		
Local C/SC POC E-Mail:		
Local C/SC POC E-Mail: Engineer Firm Information:		
Local C/SC POC E-Mail:		
Local C/SC POC E-Mail: Engineer Firm Information: Engineer Firm Name: N/A	Engineer Fir	The second secon
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Local C/SC POC E-Mail: Engineer Firm Information: Engineer Firm Name: N/A Engineer WV License Number: Engineer Firm FEIN: Engineer Firm Primary Point of Co	Engineer Fi	The second secon
Local C/SC POC E-Mail: Engineer Firm Information: Engineer Firm Name: N/A Engineer WV License Number: Engineer Firm FEIN: Engineer Firm Primary Point of Co Engineer Firm Primary POC Title: Engineer Firm Mailing Address:	Engineer Fir	m DUNS:

Adjacent and/or Affected Landowners Data

Adjacent Property Owner Data: Upstream

Please provide data for all adjacent and/or affected surface owners (both up and down stream) whose property may be impacted by proposed development as demonstrated by a floodplain study or survey. Use additional copies of this page as needed.

Name of Primary Owner (PO): N/A			
Physical Address:			
City:	State:	Zip:	
PO Primary Phone:			· · · · · · · · · · · · · · · · · · ·
PO Secondary Phone:		-	
PO Primary Email:			
Adjacent Property Owner Data: Upstre	am .		
Name of Primary Owner (PO):			
Physical Address:			
City:	State:	Zip:	
PO Primary Phone:			
PO Secondary Phone:			
PO Primary Email:			
Adjacent Property Owner Data: Downs	tream		
Name of Primary Owner (PO): N/A			
Physical Address:			V-9141
City:	State:	Zip:	
PO Primary Phone:			
PO Secondary Phone:			
PO Primary Email:			
		· · · · · · · · · · · · · · · · · · ·	
Adjacent Property Owner Data: Downs	iream		
Name of Primary Owner (PO):			
Physical Address:		· , , , , , , , , , , , , , , , , , , ,	
City:	State:	Zip:	
PO Primary Phone:	<u> </u>	1	
PO Secondary Phone:			
PO Primary Email:			

Site Plan

A Site Plan is an accurate and detailed map of the proposed development for this project. It shows the size, shape, location and special features of the project property, and the size and location of any development planned to the property, especially as that development will impact the floodplain and/or floodway. Site plans show what currently exists on the project property, and any changes or improvements you are proposing to make. A certified and licensed engineering firm should complete site plans.

A SITE PLAN MUST CONTAIN THE FOLLOWING INFORMATION:

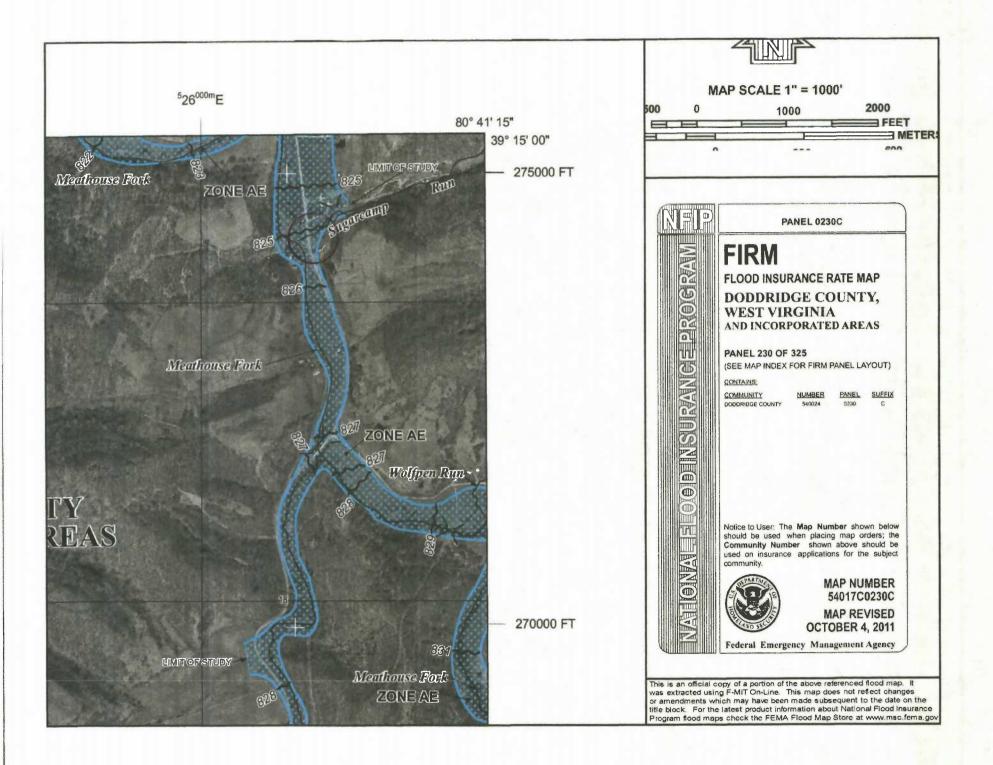
- 1. Legal description of the parcel, north arrow and scale
- 2. All property lines and their dimensions
- 3. Names of adjacent roads, location of driveways
- 4. Location of sloughs, tributaries, streams, rivers, wetlands, ponds, and lakes, with setbacks indicated, and including FEMA floodplain data based on most updated FIRM.
- 5. Location, size, shape of all buildings, existing and proposed, with elevation of lowest floor indicated.
- 6. Location and dimensions of existing or proposed on-site sewage systems.
- 7. Location of all propane tanks, fuel tanks or other liquid storage tanks whether above ground or below ground level.
- 8. Location and dimensions of any proposed pipeline placement(s) into floodplain/floodway.
- 9. Location and dimensions of any roadway development into floodplain/floodway. (Includes initial development access roads)
- 10. Location and dimensions of any bridge and/or culvert development into floodplain/floodway.
- 11. Location and dimensions of any storage yard or facility into the floodplain/floodway.
- 12. Location of any existing utilities and/or proposed utility placement and/or displacement.
- 13. Location, dimensions and depth of any existing or proposed fill on site.
- 14. A survey showing the **existing ground elevations** of at least location on the building site. **ELEVATION NOTE**: All vertical datum will reference either NGVD 29 or NAVD 88. Assumed datum will not be acceptable unless the property is located in an area where vertical datum has not been published. For those areas where vertical datum has not been established, a site plan with contours, elevations using assumed datum, high water marks and existing water levels of sloughs, rivers, lakes or streams and proposed lowest floor elevation.

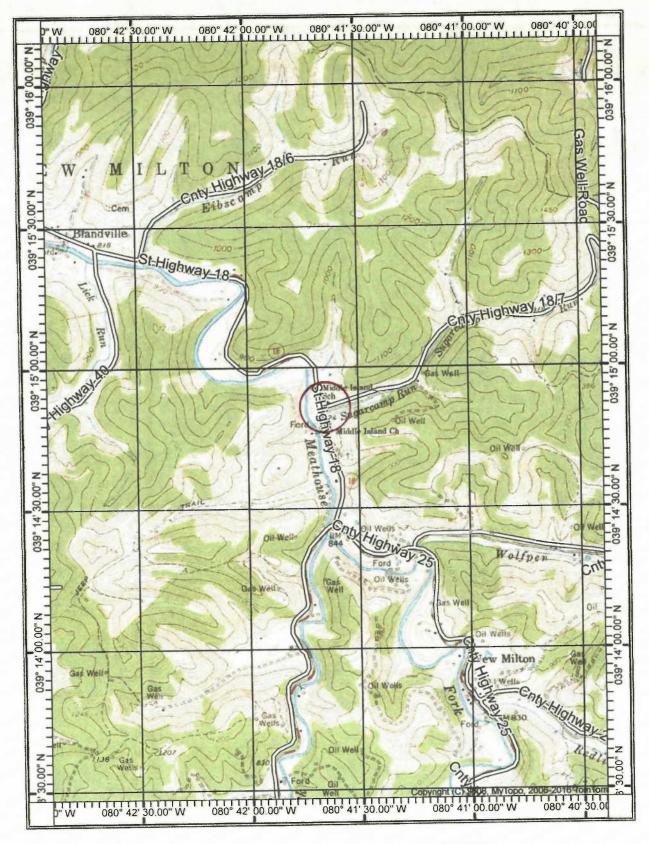
Applicant

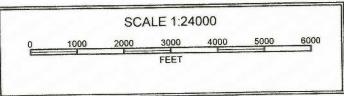
Please read print name, sign and date below:

- I certify that I am authorized to submit this application for the primary project developer.
- I certify that the information included in this application is to the best of my knowledge true and complete.
- I certify that all required Federal, State, and local permits required by law and/or ordinance for the above described development of this project have been properly attained, are current and valid, and must be presented with this application before a Doddridge County Floodplain Permit may be issued.
- I understand that if in the course of the development project additional permits become
 required that were not needed during the initial proposal, the primary developer must notify the
 Doddridge County Floodplain Manager within 48 hours of such need, and that a "Stop Work"
 order may be issued for all project work directly impacting the floodplain or floodway, until such
 time the required additional permits are acquired.
- I understand that once the floodplain permit is submitted, the application will be entered into
 official public record at the next regularly scheduled Doddridge County Commission meeting
 after the date of submittal.
- I understand that from the date of submittal of the fully completed permit application, the Doddridge County Floodplain Manager has ninety (90) days to make a determination to either grant or deny said permit application. During this approval period, the Doddridge County Floodplain Manager may, at his or her discretion, conduct a review and/or additional study of provided documentation by means of an independent engineering firm. All costs associated with said review and/or study must be reimbursed to the County before issuance of approved permit.
- I understand that during the approval period, the Doddridge County Floodplain Manager of designee may at his or her discretion conduct site visits and document conditions of proposed development pursuant to the permit application.
- I understand that once the Floodplain Permit is granted, the permit will be entered into official public record at the next scheduled Doddridge County Commission meeting after the date of issuance. Appeals to the permit may be made no later than twenty (20) days after said issuance. If a valid appeal is submitted, as determined by the Doddridge County Floodplain Manager, a "Stop Work" order will be issued for all project development directly involving the floodplain or floodway. A public hearing by the Doddridge County Appeals Board will be scheduled no less than ten (10) days after the next regularly scheduled Doddridge County Commission meeting.
- I understand that all decisions of the Doddridge County Appeals Board shall be final.
- I understand issuance of a Floodplain Permit authorizes me to proceed with construction as proposed. A Certificate of Compliance is required upon substantial completion of the project.
- In signing this application, the primary developer hereby grants the Doddridge County Floodplain Manager or designee the right to enter onto the above—described location to inspect the development work proposed, in progress, and/or completed.
- I understand that if I do not follow exactly the site—plan submitted and approved by this permit
 that a "Stop Work" order may be issued by the Wirt County Floodplain Manager and that I must
 stop all construction immediately until discrepancies of actual work vs. proposed work is
 resolved.

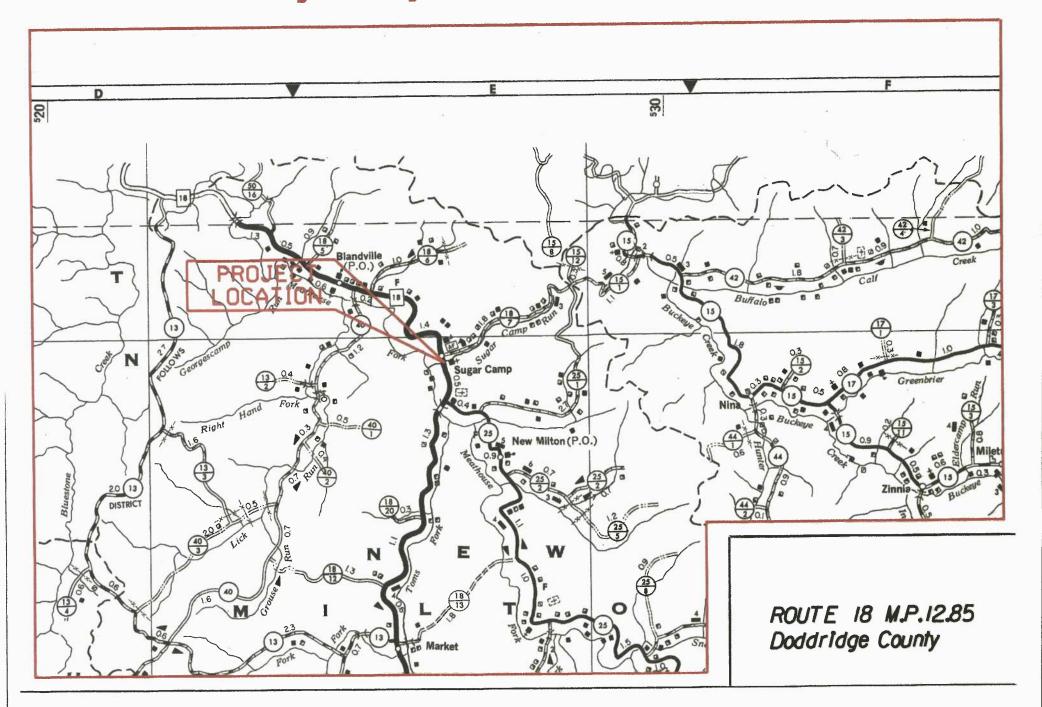
Applicant Signature:	CHI		_Date:	10-6-16
Applicant Printed Name:	Chod	Sags	_	



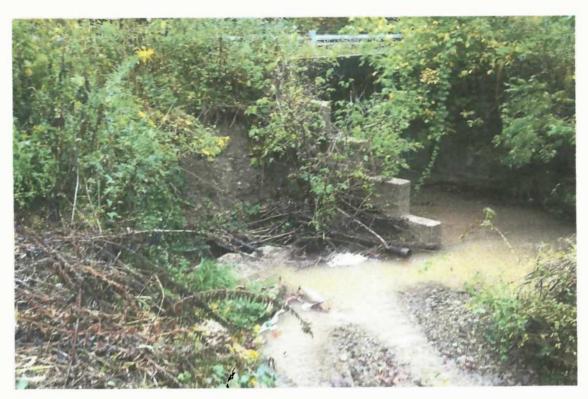




Doddridge County Route 18 Bank Stabilization







WVDOH MAINTENANCE ACTIVITIES CHECKLIST Level 2 to be completed by Environmental Coordinator or Assistant Environmental Coordinator

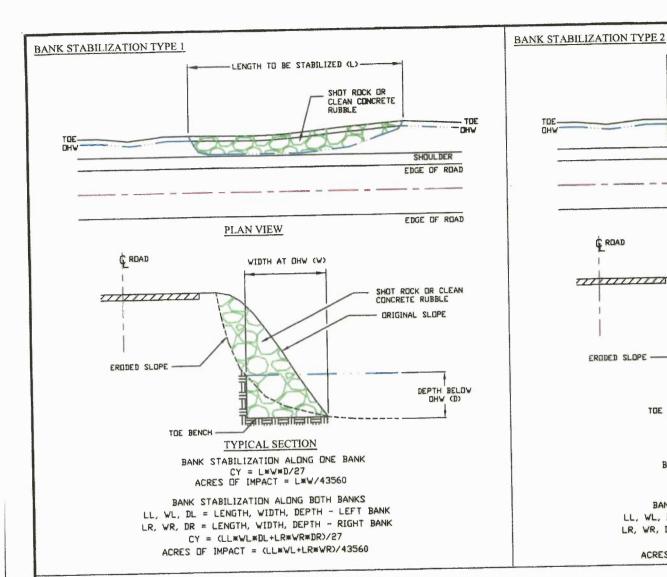
Use the Environmentally Sensitive GIS Layers to Answer Question 1-7a

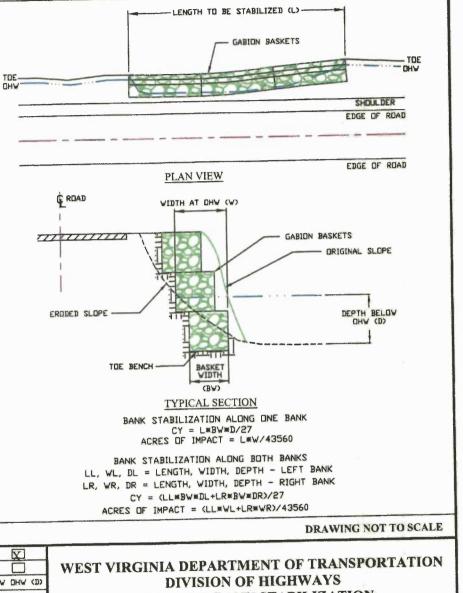
1.	Located within Zone 1 GIS layer?	Yes ⊠	No	N/A
	Located within Zone 2 AND requires tree removal (>5" DBH) from 4/1 to 11/15?		\boxtimes	
	Located within Zone 3 AND requires tree removal (> ½ acre) from 4/1 to 11/15?		\boxtimes	
4.	Located within Zone 4 AND requires tree removal (>5" DBH) any time of year?		\boxtimes	
5.	Located within Zone 5 AND requires additional right of way or easements?		\boxtimes	
6.	Is there a wetland impact associated with this project? (Field verify sites located within National Wetland Inventory layer)		\boxtimes	
7.	Is the stream listed in WV State 401 Certification, Standard Condition 15?		\boxtimes	
8.	For bank stabilization, will the quantity of fill below OHW exceed one cubic yard per running foot?		\boxtimes	
9.	For bank stabilization, will the length below OHW exceed 500 linear feet?* *200 linear feet for Standard Condition 15 streams			
10.	For rock gutters associated with ditch cross-pipes, will the CY of fill below OHW exceed 10 CY?			\boxtimes
11.	Will additional right of way or easements be required?		\boxtimes	
12.	Do you expect this work to alter the hydraulic conditions of the stream? (i.e., increasing/decreasing flow area, altering inlet/outlet conditions, etc.)			
13.	Is a bridge or bottomless culvert being replaced with a pipe or box culvert?		\boxtimes	
14.	. If the work is near a no mowing or spraying area indicate the reason for designatio	n.		
15	. If fill is being placed within the 100 year floodplain has the local FEMA coordinat been notified?	or 🖂		
16	. Does this project have federal funding?		\boxtimes	
rec	Yes answer on any of the Level 1 Questions 13 through 15 or any of the Level 2 Queures submittal to Engineering Division's Environmental Section (DDE) for environgineering Division's Technical Section (DDT) for 404/401 authorization. If Level 2 sydraulic analysis shall be performed in accordance with the latest version of the WV	nmental o 2, Questi	clearance on 12 is	e and to answered <u>Yes,</u>
Co	omments (attach additional sheet if necessary): Located within the nLEB layer	but no tr	ee remo	val is
ne	eded			
Ha If	ave all answers of <u>Yes</u> on Level 1 Questions 1 through 12 been resolved? Yes no, submit to DDE for environmental clearance and to DDT for 404/401 authorizati	on.		
Re	eviewed by: Chad Saas Date	e: <u>9-30-1</u> 0	<u>5</u>	

WVDOH MAINTENANCE ACTIVITIES CHECKLIST Level 1 to be completed by Project Originator

This checklist is intended <u>ONLY</u> for in stream work that includes replacing or extending a culvert, minor structure repairs consisting of abutment repair or scour repair, placement of rock or clean concrete rubble fill as bank stabilization adjacent to the roadway, or placement of a rock gutter associated with a ditch cross-pipe.

District 4 County Doddridge Route 18 Milepost 12.85			
Stream Sugar Camp Run Latitude 39.24680 Longitude 80.69440 (D.D° WGS 84))		
Type of work is: Some bank stabilization culvert replacement or expectation minor structure repair rock gutter associated with		oss-pipe	
Total linear feet of stream impact expected?			2114
	Yes	No	N/A
1. Are you planning to change the type or size of structure at this site?	Ц	\boxtimes	
Does this project involve multiple bank stabilizations on the same stream?		\boxtimes	
3. Do you expect to need temporary fill (i.e. cofferdams, detours, etc.)?		\boxtimes	
4. Will you be working in or adjacent to a state or national park or forest?		\boxtimes	
5. Will a waste or borrow site be needed?		\boxtimes	
6. Will there be in stream work April to June or September to February?	\boxtimes		
7. Will you be working in or near a marked "No Mowing or Spray" area?		\boxtimes	
8. Does there appear to be a potential wetland on or adjacent to the site?		\boxtimes	
9. Do you anticipate the removal of any trees to complete this project?		\boxtimes	
10. Will additional right of way or easements be required?		\boxtimes	
11. Will in stream work be required beyond 50 feet of the structure?		\boxtimes	
12. Will this project require fill to be placed within the 100 year floodplain?	\boxtimes		
13. Is the structure 20' or longer?			\boxtimes
14. Does the structure have stone abutments?			\boxtimes
15. Is the structure a concrete arch?			\boxtimes
For culvert replacements/extensions, bank stabilizations, and outfalls complete the neminor structure repairs provide plan and profile views showing the proposed repair we to complete the repair work. Include the length of impact, acres of impact, and cubic below OHW on the plan view. Attach the drawing(s) along with a location map and submit the information to the District Environmental Coordinator. Retain a copy of the Work cannot begin until the appropriate authorization has been obtained. Upon compost-construction pictures to the District Environmental Coordinator. Comments (attach additional sheet if necessay):	ork and a yards of f pictures to his inform	ny coffe fill for months this characteristics that the contraction for the contraction	rdams needed laterial placed ecklist and or your file.
Contact: Chad Saas Date: 9-30-16			





LEFT AND RIGHT BANKS ARE BASED ON LOOKING DOWNSTREAM TYPE 1 STREAM NAME TYPE 2 Sugarcamp Run DEPTH BELOW DHW (D) WIDTH AT DHW (W) LENGTH (L) PROPOSED BANK STABILIZATION BANK STABILIZATION BELOW DHW - LEFT BANK 1.5 50' DEPTH BELOW OHW (D) WIDTH AT DHW (W) LENGTH (L) BANK STABILIZATION BELOW DHW - RIGHT BANK 1.5 50' ROUTE 18 DISTRICT D-4 CY/RUNNING FT TOTAL CY OF FILL BELOW OHY MILEPOST 12.85 TOTAL ACRES OF IMPACT BELOW DHW TOTAL LENGTH BELOW OHW COUNTY Doddridge .166 16.66 0.00688705 100'

REQUIRED FILL QUANTITIES FOR 404 NATIONWIDE PERMITS (Below OHW of Stream)

	Longth	Width	Height	CY/ Running Foot	Linear Feet of Impact	Acres of Impact		rds of Fill Concrete
Type of Work/Materials	Length	AAIGIII	neight					
NWP 12 (Utility Line Activities) Permanent Fill				<u> </u>				
Permanent Fill								
			 					
Temporary Fill			+					
Cofferdams (Type #)								
Temporary Construction Access								
NWP 13 (Bank Stabilization)	100			0.166	50	0.00688705	16.66	
							· 	
NWP 18 (Minor Discharges)				ļ				
NWP 33 (Temporary Construction)				 			· · · · · · · · · · · · · · · · · · ·	
Cofferdams (Type #)			1					
Detour						, , , , , , , , , , , , , , , , , , , ,		
- 4.001								
Temporary Construction Access								
Other								
								
Permanent Total				0.166	50	0.00688705	16.66	
Temporary Total						0	0	
Channe Name Curerosma Bun		L.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	N. 4 T	n City Munici	ماد ماد	Blandville		

Stream Name - Sugarcamp Run

Nearest Town, City, Municipality, etc.

Blandville

