

This application revision request has been replaced by the November 15, 2019 version.

his version is only retained as an archived record

GOVERNOR

SECRETARY

October 11, 2019

U.S. Army Corps of Engineers Raleigh Regulatory Field Office 3331 Heritage Trade Drive, Suite 105 Raleigh, NC 27587

ATTN: Mr. David Bailey, NCDOT Regulatory Coordinator

Subject: Request for Permit Revision to Section 404 Nationwide Permit 14, and Section 401 Water Quality Certification, for the Proposed Replacement of Bridge No. 46 on US 70 Bypass, over the Eno River in Orange County, Federal Aid Project No. BRSTP-0070(120); TIP B-4962, Division 7, Debit \$570 from WBS Element 40174.1.1

Reference:404 Nationwide 14 Permit, Action ID SAW-2018-02345, issued 1/31/2019401 Certification 4135, DWR Project No. 20181693, issued 1/31/2019

Dear Mr. Bailey:

The North Carolina Department of Transportation (NCDOT) proposes to replace bridge number 46 on US 70 Bypass over the Eno River in Orange County with a three span, 265 feet long, 54-inch girder bridge along the existing alignment. A detour bridge will be constructed to the north of the existing bridge as an onsite detour during construction.

Please see the attached revised permit drawings for B-4962. Since receipt of the permits in January 2019, unanticipated bedrock has been found at the temporary bridge crossing. This requires temporary workpads for the installation of the bents for the temporary work bridge. These work pads would only be in place until the work bridge installation is complete. This action will result in an additional 127 linear feet of temporary construction impacts (<0.01 ac) for a total of 147 linear feet of temporary stream impacts for the project.

Since the project let in April of 2019, the project is now located in Proposed Critical Habitat for the Atlantic pigtoe mussel.

Section 7 compliance for the Atlantic pigtoe, has been met through the Programmatic Biological Opinion (PBO) issued by the U.S. Fish & Wildlife Service (USFWS). The findings of the surveys or use of the PBO indicate the following biological conclusion: Atlantic pigtoe: May Affect, Likely to Adversely Affect. The Department will follow reporting requirements pursuant to the PBO. The appropriate payment to the NC Nongame Aquatic Species Fund will be submitted by the end of the next quarter.

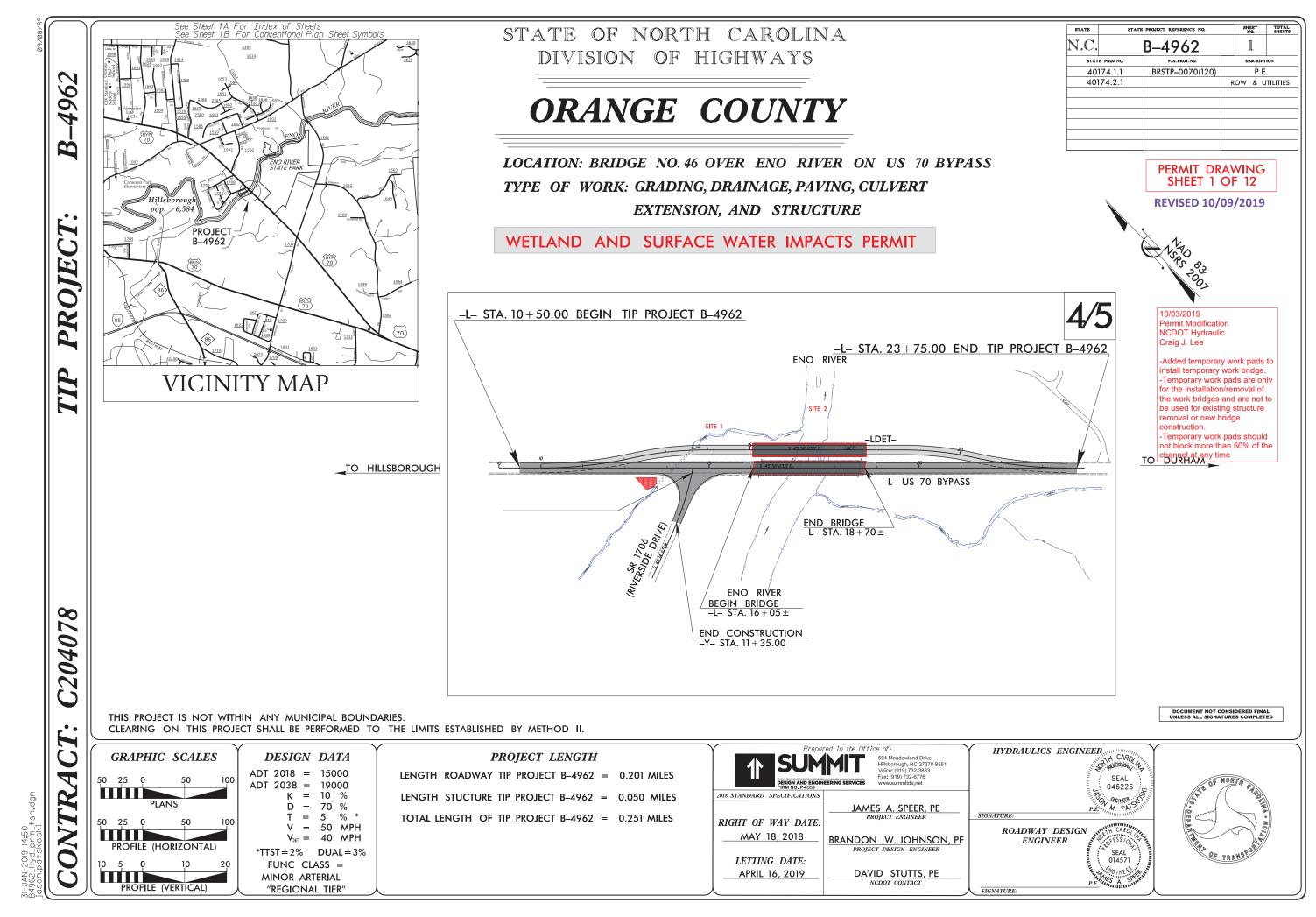
A copy of this permit application and its distribution list will be posted on the NCDOT Website at: <u>https://xfer.services.ncdot.gov/pdea/PermApps/</u>. If you have any questions or need additional information, please contact Jeff Hemphill at (919) 707-6126.

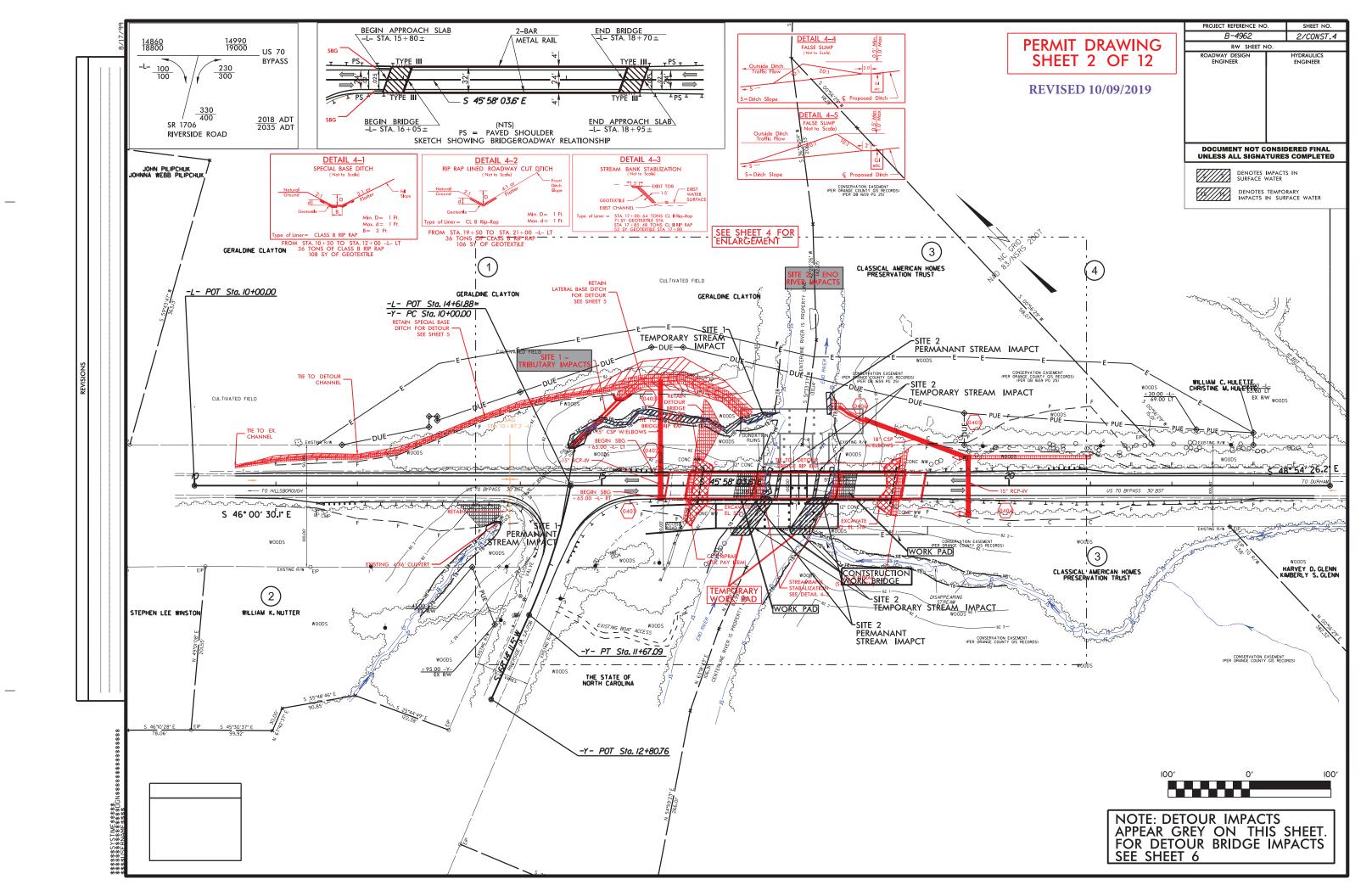
Sincerely,

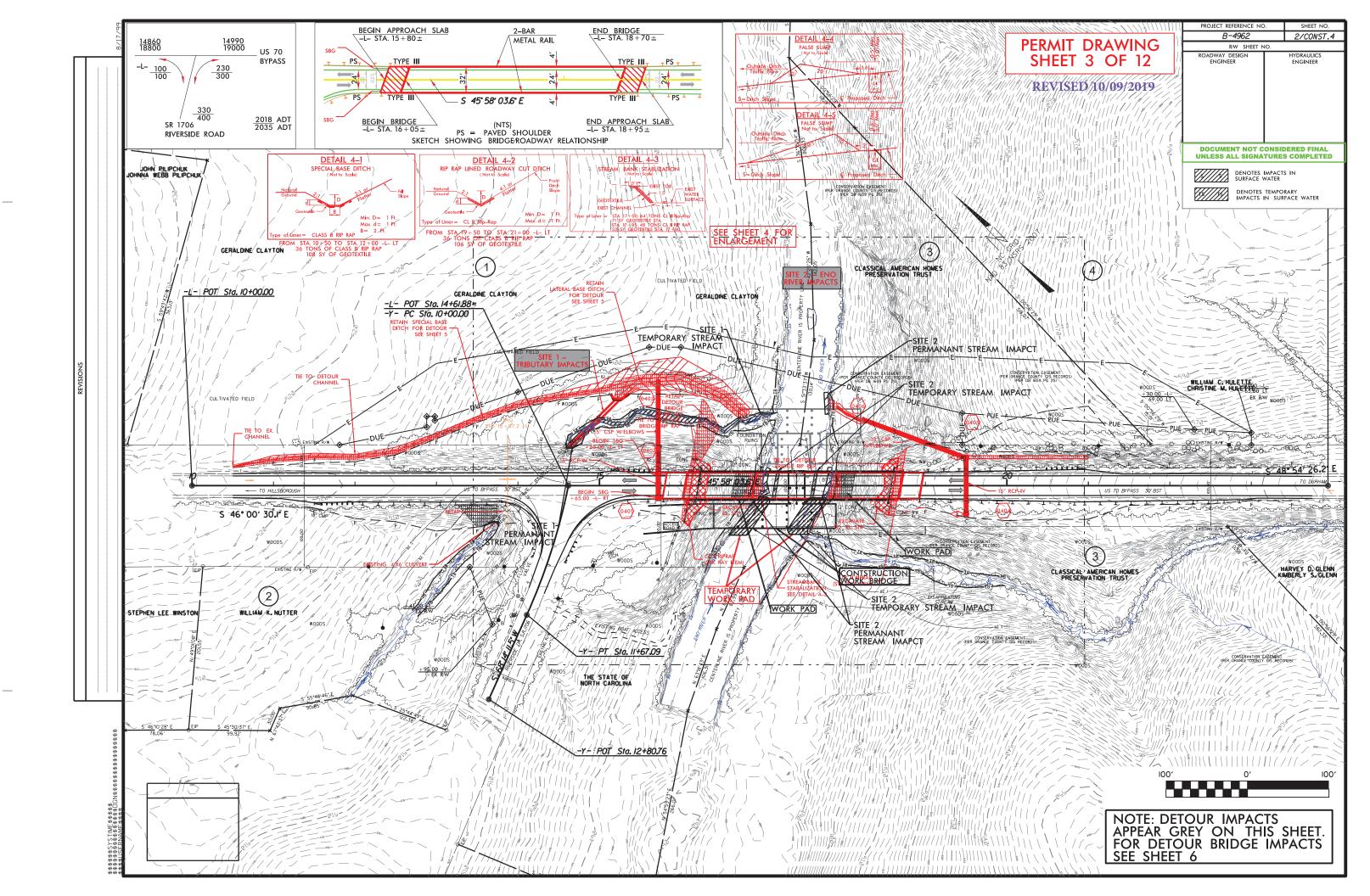
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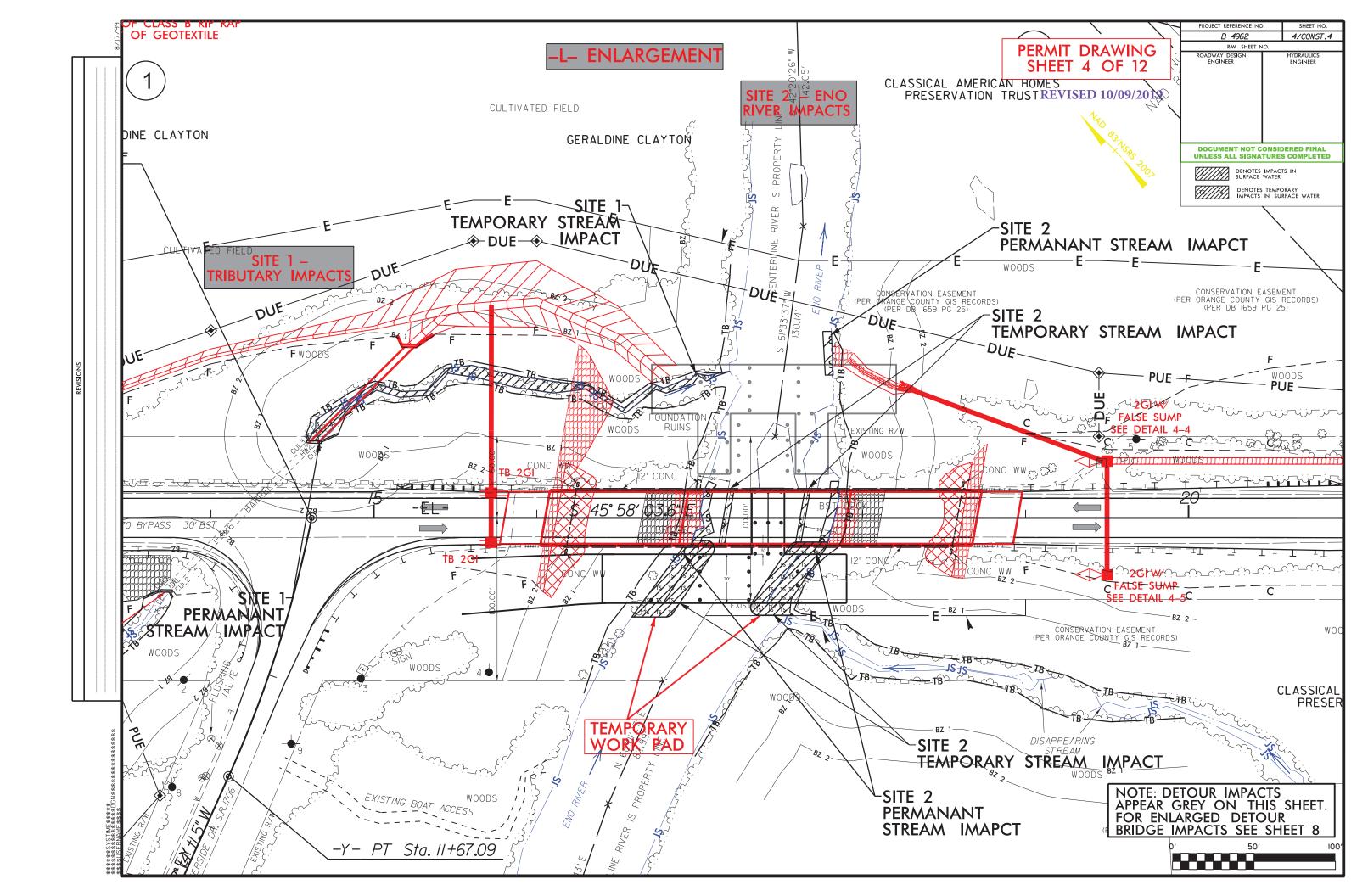
W Philip S. Harris, P.E., Manager Project Development and Environmental Analysis Unit

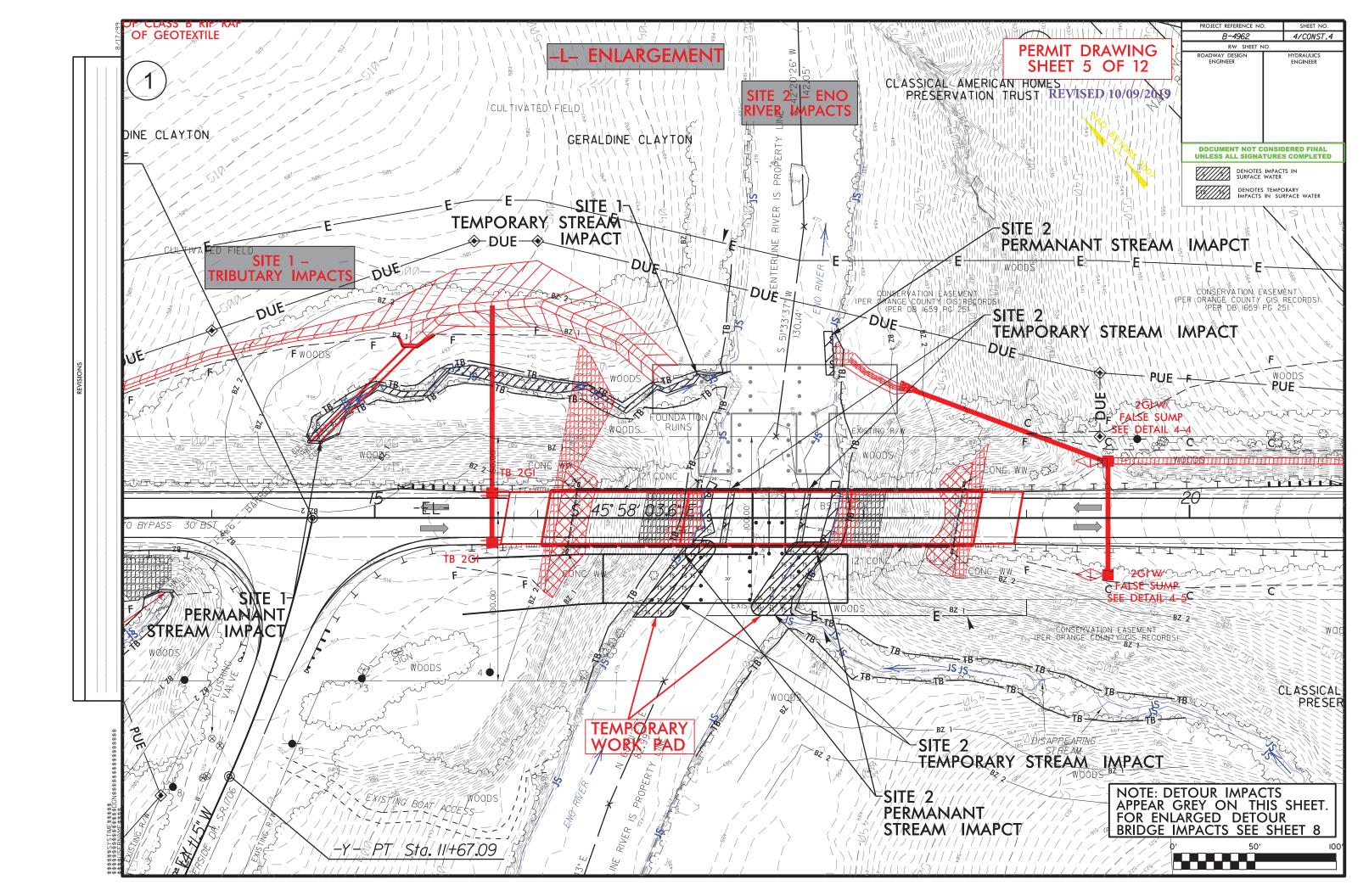
ec: NCDOT Permit Application Standard Distribution List

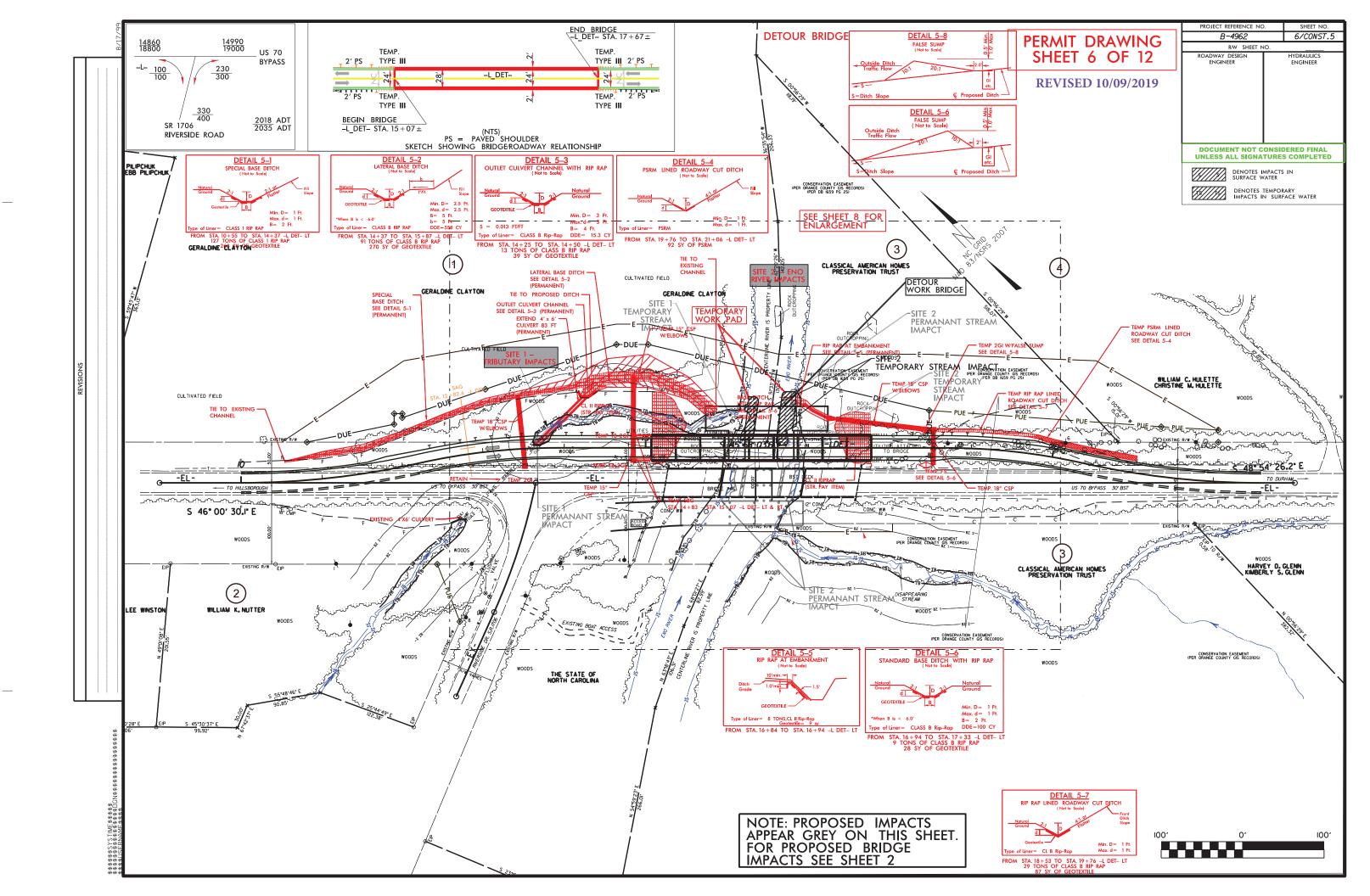


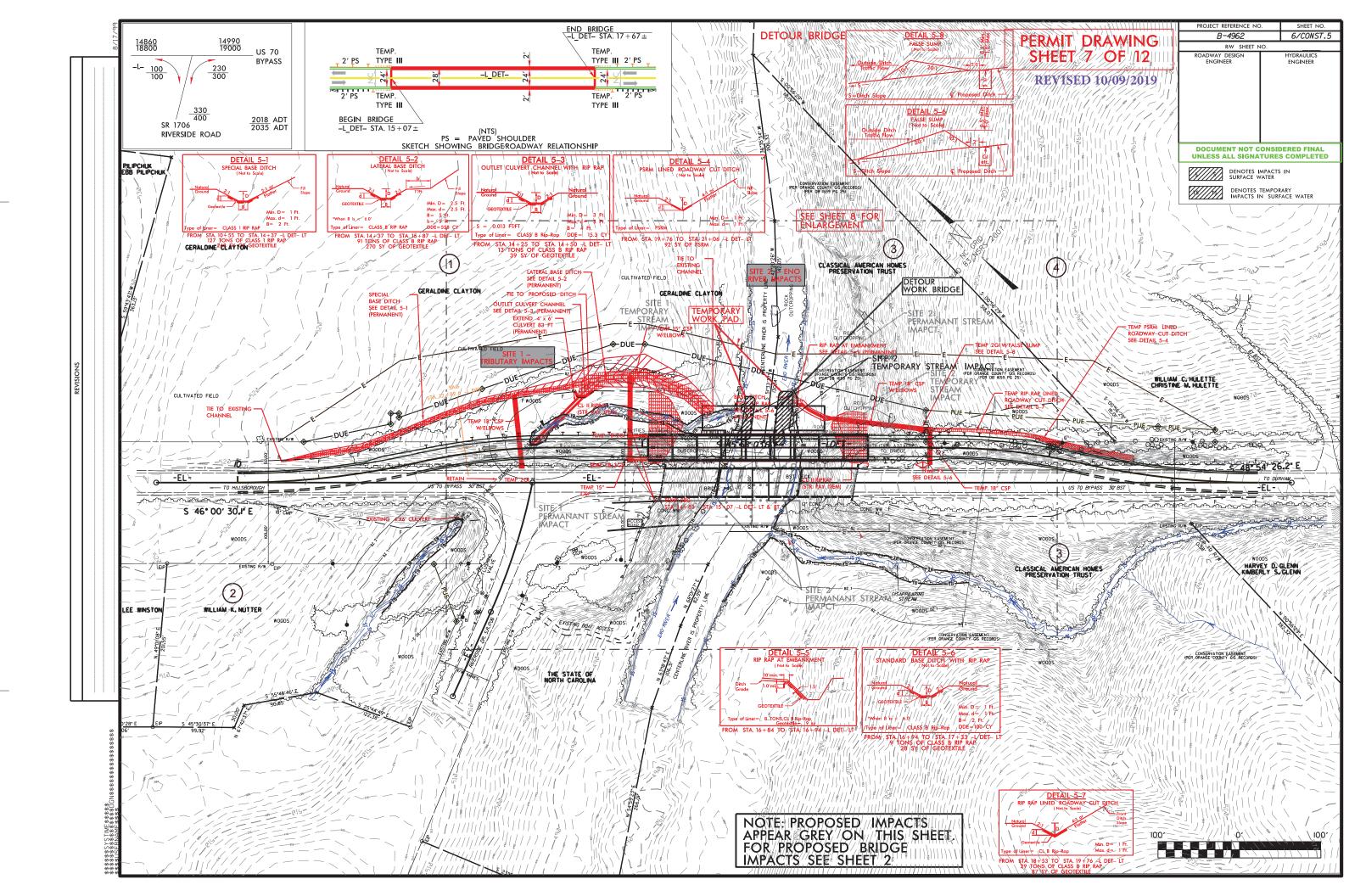


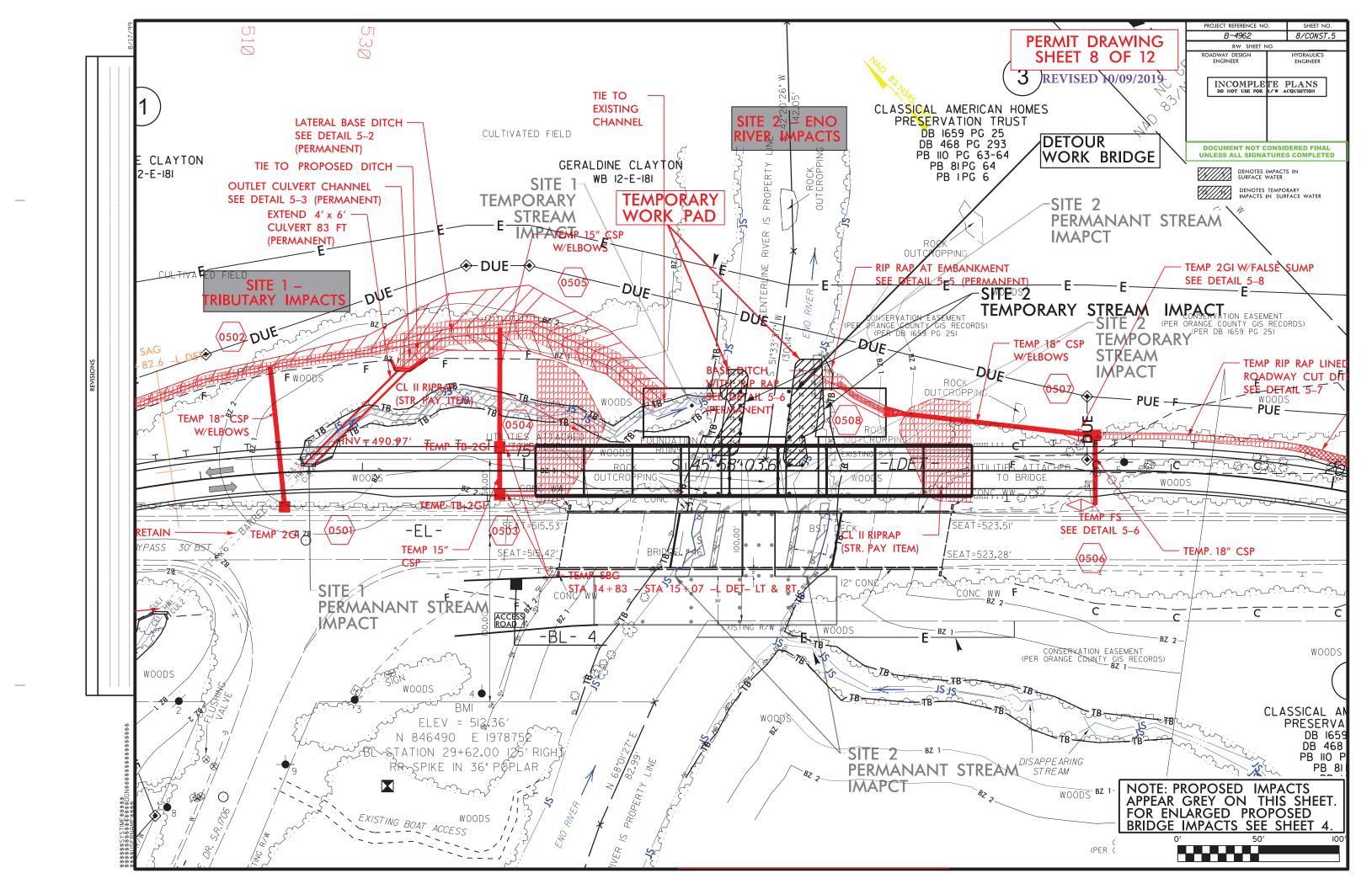


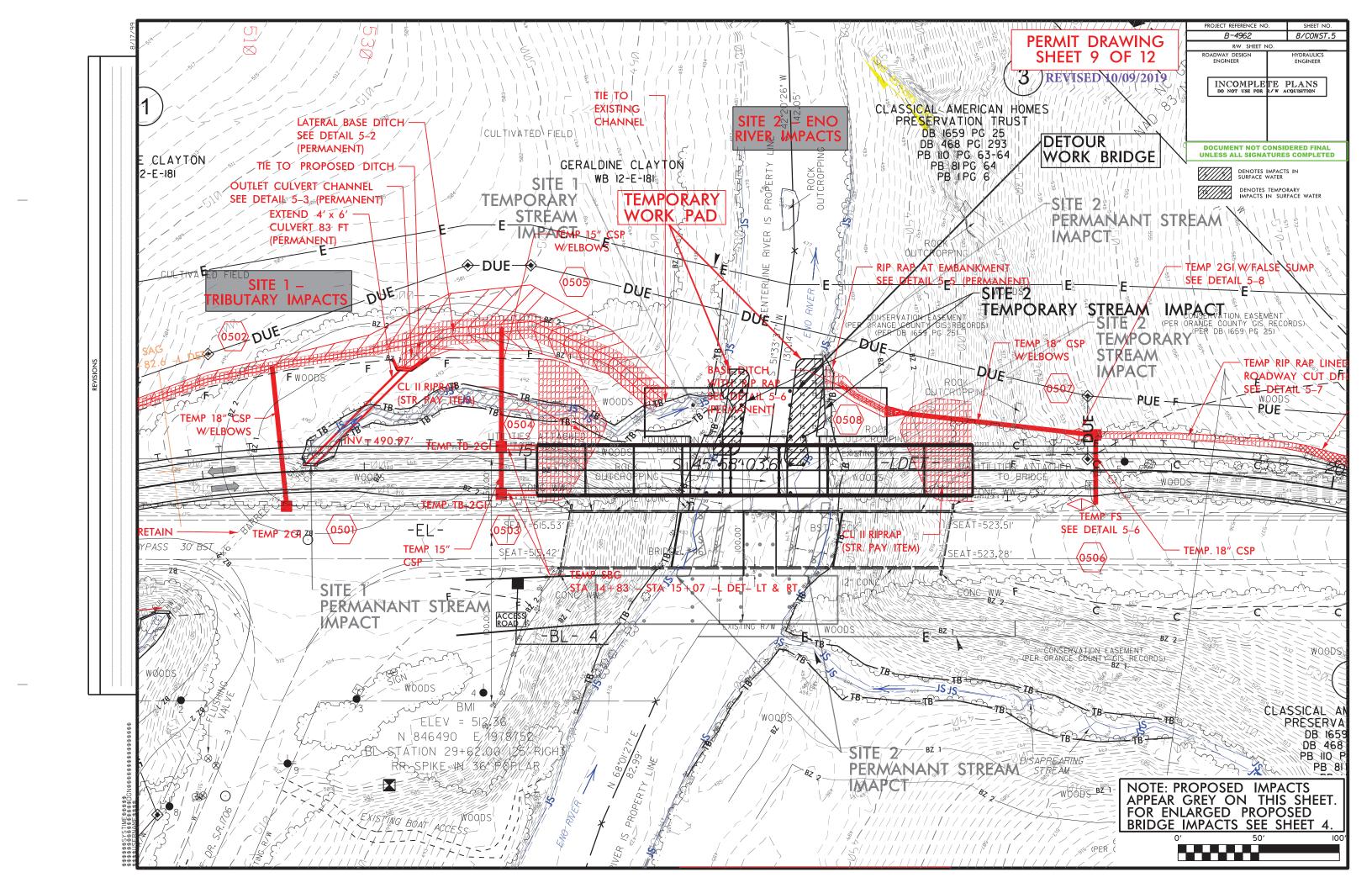


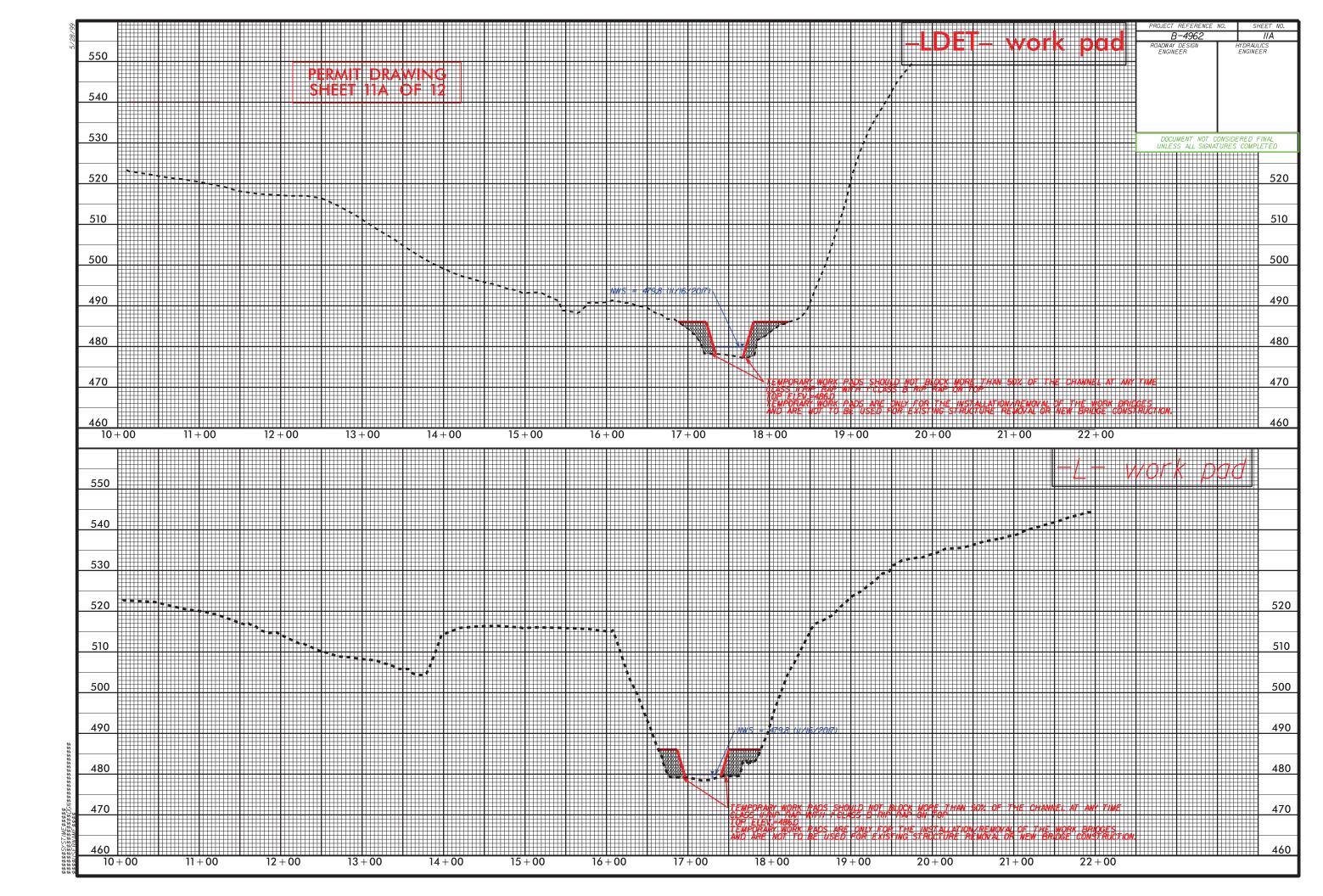












				WETLAND AND SURACE WATER IMPACTS S WETLAND IMPACTS					SURFACE WATER IMPACTS				
Site No.	Station (From/To)	Structure Size / Type	Temp Fill In Wetlands		Excavation in	Mechanized Clearing in Wetlands	Hand Clearing in Wetlands	Permanent SW impacts	Temp. SW impacts	Existing Channel Impacts Permanent	Existing Channel Impacts Temp.	Natura Strear Desig	
1	14+60 -L- LT to 17+15 -L- LT	Proposed Fill Slope	(ac)	(ac)	(ac)	(ac)	(ac)	(ac) 0.03	(ac) <0.01*	(ft) 267	(ft) 20	(ft)	
2	16+90 to 17+86 -L- CL	Stream Bank Stabilization						0.01		74		<u> </u>	
2	17+24 to 17+54 -L- LT	Detour Bridge							< 0.01 **				
2	17+09 to 17+69 -L- LT	Detour Work Bridge							< 0.01 ***				
2	16+43 -L- RT to 17+76 -L- RT	Construction Work Bridge							< 0.01 ****				
2	16+58 -L- RT to 17+78 -L- RT	Temporary Work Pads (-L-)									60****		
2	16+15 -LDET- LT to 16+85 -LDET- LT	Temporary Work Pads (-L DET-)									67*****		
												<u> </u>	
												+	
												+	
TOTAL	S*:	1		<u> </u>				0.04	< 0.01	341	147	+	

NOTES:

*Rounded totals are sum of actual impacts

NC DEPA
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BRIDGE REP
SHEET

EPARTMENT OF TRANSPORTATION DIVISION OF HIGHWAYS 10/03/2019 Revised ORANGE COUNTY B-4962 EPLACEMENT ON US 70 BYPASS OVER ENO RIVER 13 OF 13

REVISED 10/09/2019