

STATE	STATE PROJECT REFERENCE NO.	SHEET NO.	TOTAL SHEETS
N.C.	BP2.R001	1	
STATE PROJ. NO.	F.A. PROJ. NO.	DESCRIPTION	
BP2.R001.1	N/A	PE	
BP2.R001.2	N/A	RW & UTILITIES	
BP2.R001.3	N/A	CONST.	

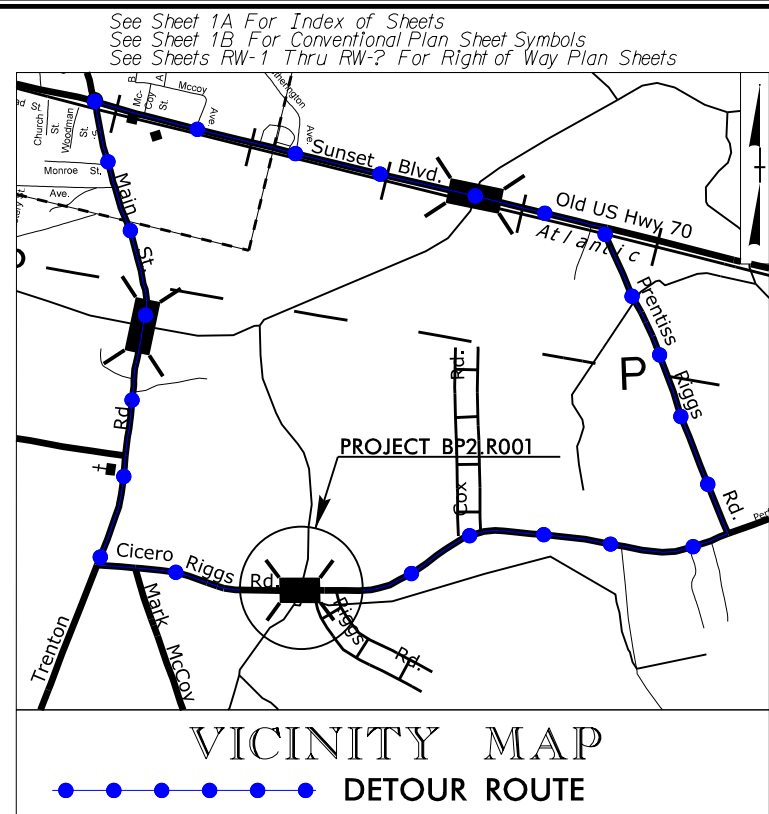
STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS
CRAVEN COUNTY

LOCATION: BRIDGE NO. 66 ON SR 1232 (CICERO RIGGS ROAD) OVER GRAPE CREEK
TYPE OF WORK: GRADING, DRAINAGE, PAVING, AND STRUCTURE

BUFFER DRAWING
SHEET 1 OF 7

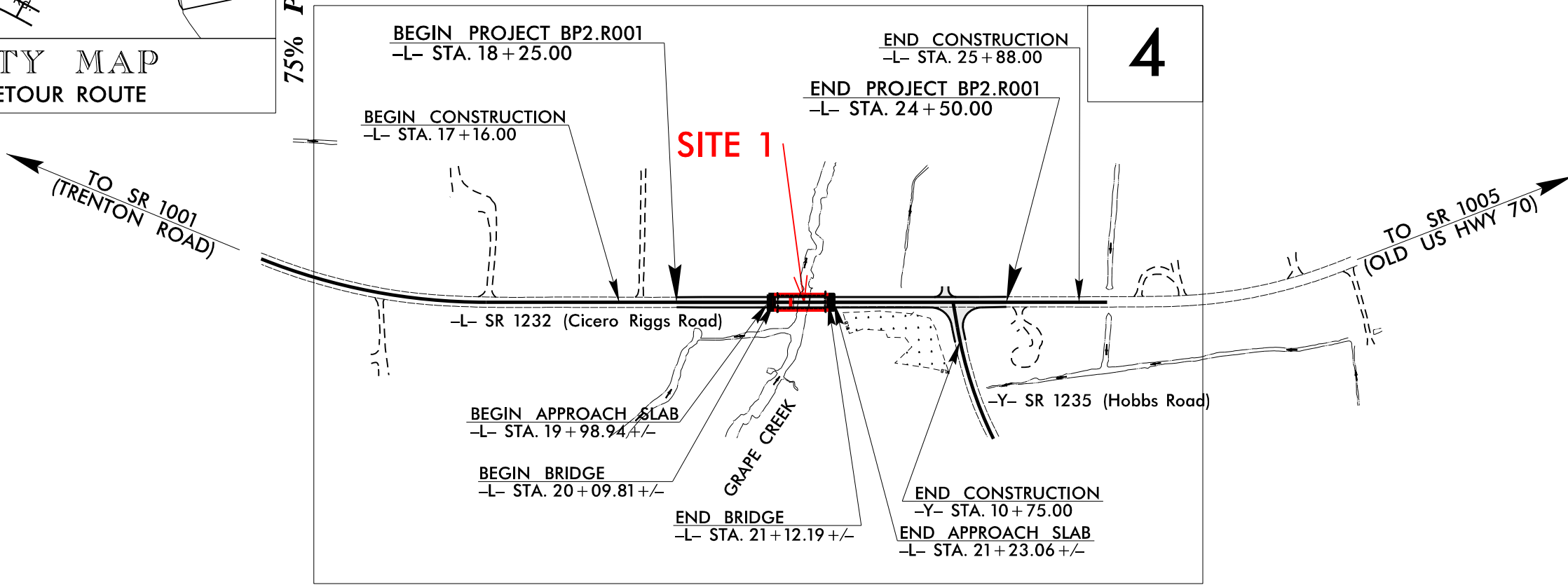


PROJECT: BP2.R001



BUFFER IMPACTS PERMIT

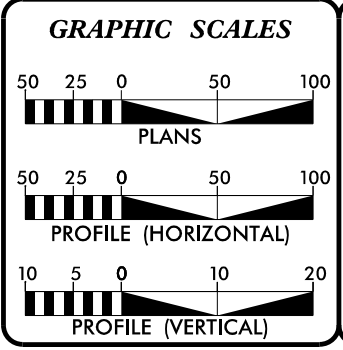
75% PLANS



THIS PROJECT IS NOT WITHIN ANY MUNICIPAL BOUNDARIES.
CLEARING ON THIS PROJECT SHALL BE PERFORMED TO THE LIMITS ESTABLISHED BY METHOD II.

DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED

CONTRACT:



DESIGN DATA

ADT 2023 =	304
ADT 2040 =	460
K =	%
D =	%
T =	% *
V =	60 MPH
* TTST =	DUAL =
FUNC CLASS =	RURAL LOCAL
"SUB-REGIONAL TIER"	

PROJECT LENGTH

LENGTH ROADWAY TIP PROJECT BP2.R001 =	0.099 MILES
LENGTH STRUCTURE TIP PROJECT BP2.R001 =	0.019 MILES
TOTAL LENGTH TIP PROJECT BP2.R001 =	0.118 MILES

Prepared In the Office of:

SEPI
Engineering & Construction, Inc.
1 Glenwood Avenue
Raleigh, NC 27603
Tel: 919.789.9977
Fax: 919.789.9591
License: C-2197

2018 STANDARD SPECIFICATIONS

RIGHT OF WAY DATE:
JULY 20, 2022

LETTING DATE:
MARCH 22, 2023

RAJIT RAMKUMAR, PE
PROJECT ENGINEER

DANIEL W. GARDNER, JR., PE
PROJECT DESIGN ENGINEER

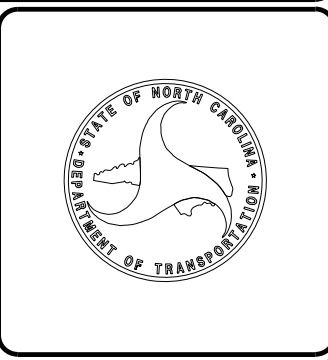
MICHAEL AMAN, PE
NCDOT CONTACT

HYDRAULICS ENGINEER

SIGNATURE: _____ P.E.

ROADWAY DESIGN ENGINEER

SIGNATURE: _____ P.E.



7/22/2022
\\BP2.R001\hyd_tsh_buf.dgn
USER:toverby

6/2/09

ALLOWABLE IMPACTS ZONE 1
ALLOWABLE IMPACTS ZONE 2

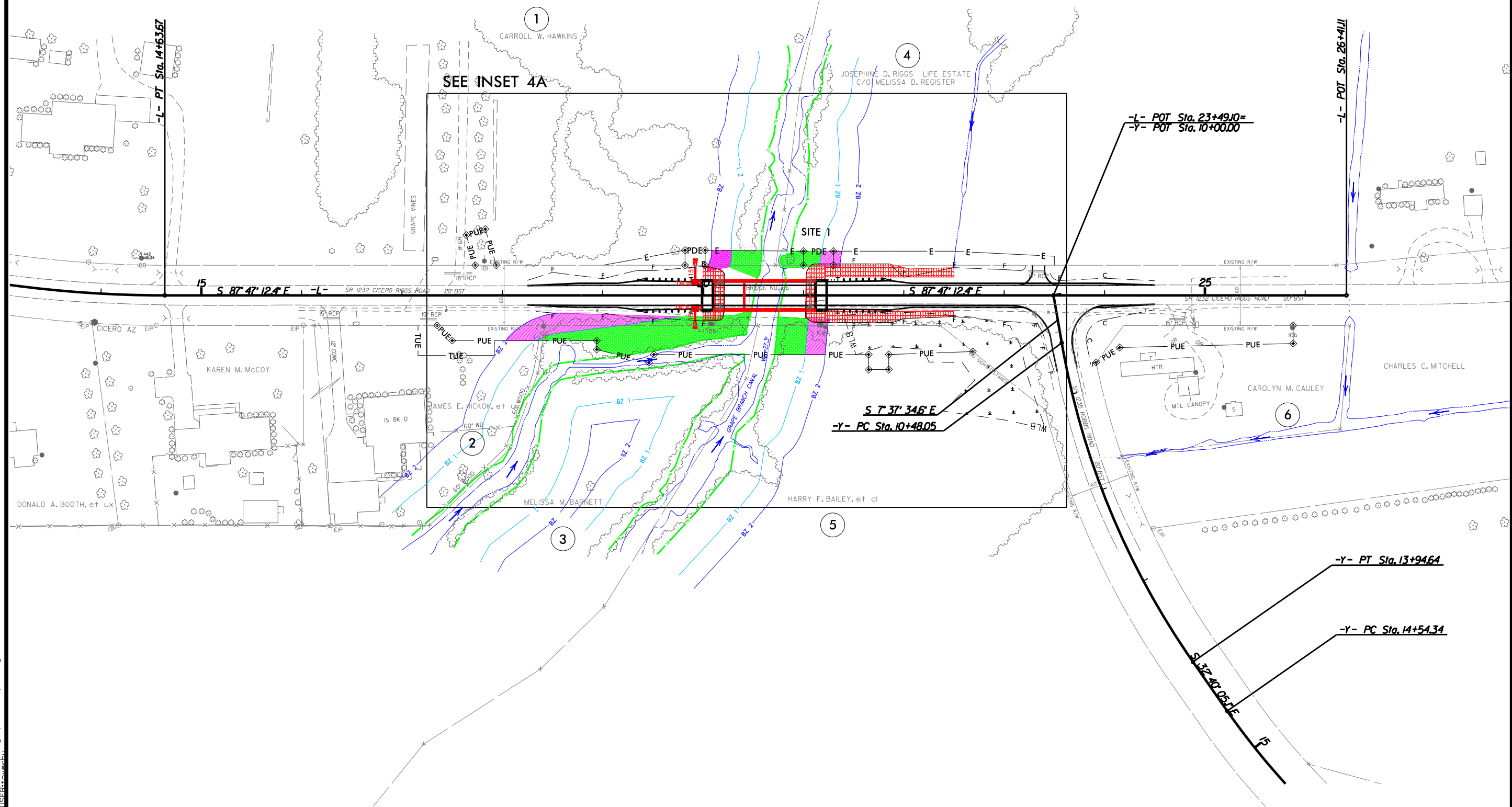
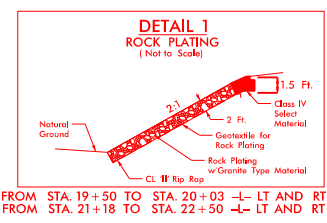
BUFFER DRAWING SHEET 2 OF 7

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PROJECT REFERENCE NO. BP2.R001	SHEET NO. 4
ROADWAY DESIGN ENGINEER	PAVEMENT DESIGN ENGINEER
INCOMPLETE PLANS DO NOT USE FOR R/W ACQUISITION	
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	



NAD 83 NA 2011



7/2/09 10:00:01 1_hyd_prm_buf_psh4.dgn

6/2/09

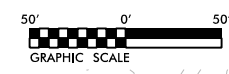
ALLOWABLE IMPACTS ZONE 1
ALLOWABLE IMPACTS ZONE 2

BUFFER DRAWING SHEET 3 OF 7

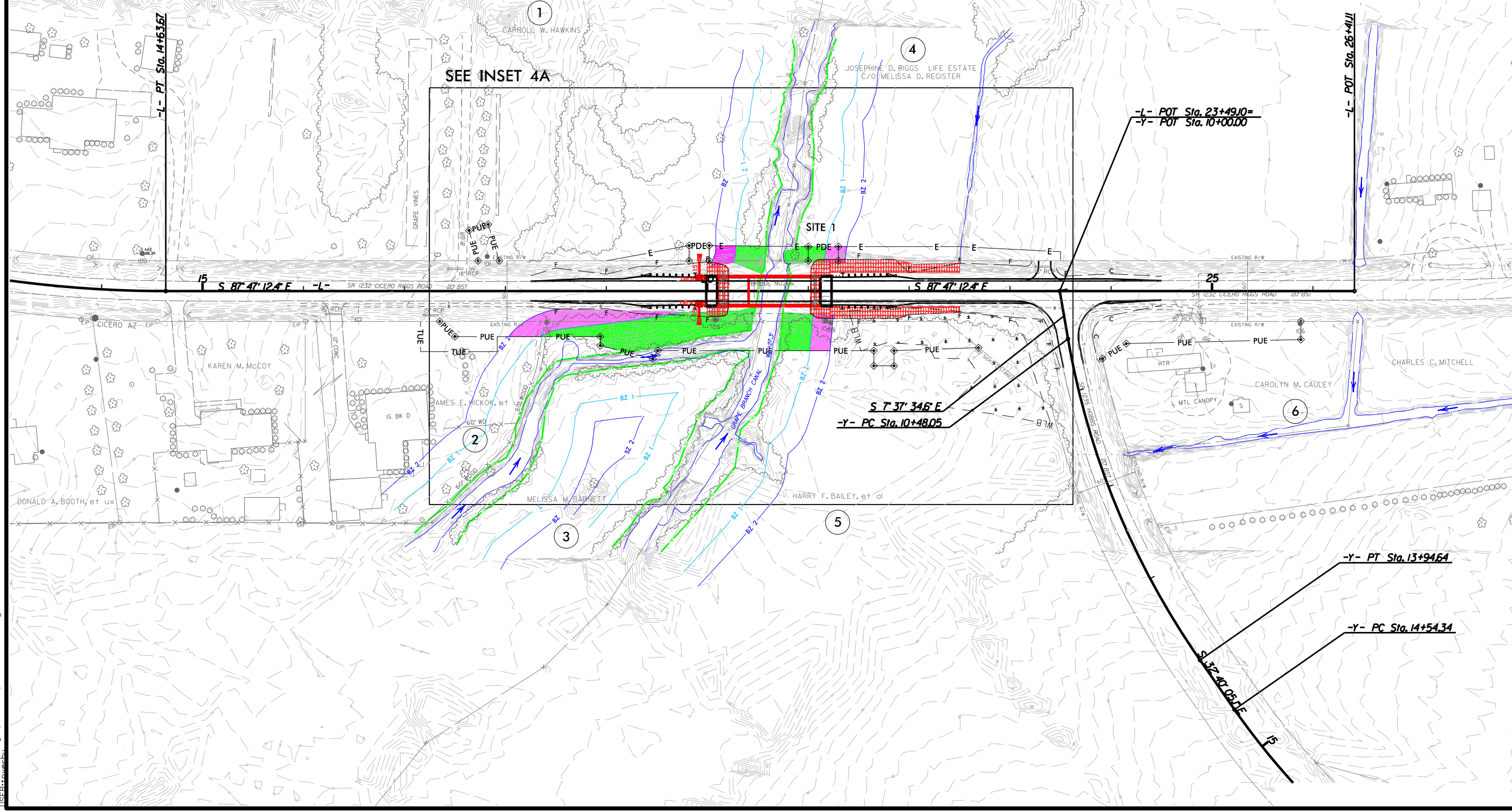
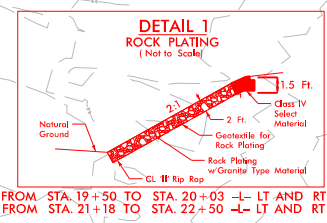
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NAD 83 NA 2011



7/2/2009 10:23:00 1_hyd.prm.buf_psh4+Contours.dgn

6/2/2011

7/2/2011 11:58:11 AM T:\Projects\2011\111111\hyd_prm_buf_psh4a.dgn

NAD 83/NA 2011

ALLOWABLE IMPACTS ZONE 1
ALLOWABLE IMPACTS ZONE 2

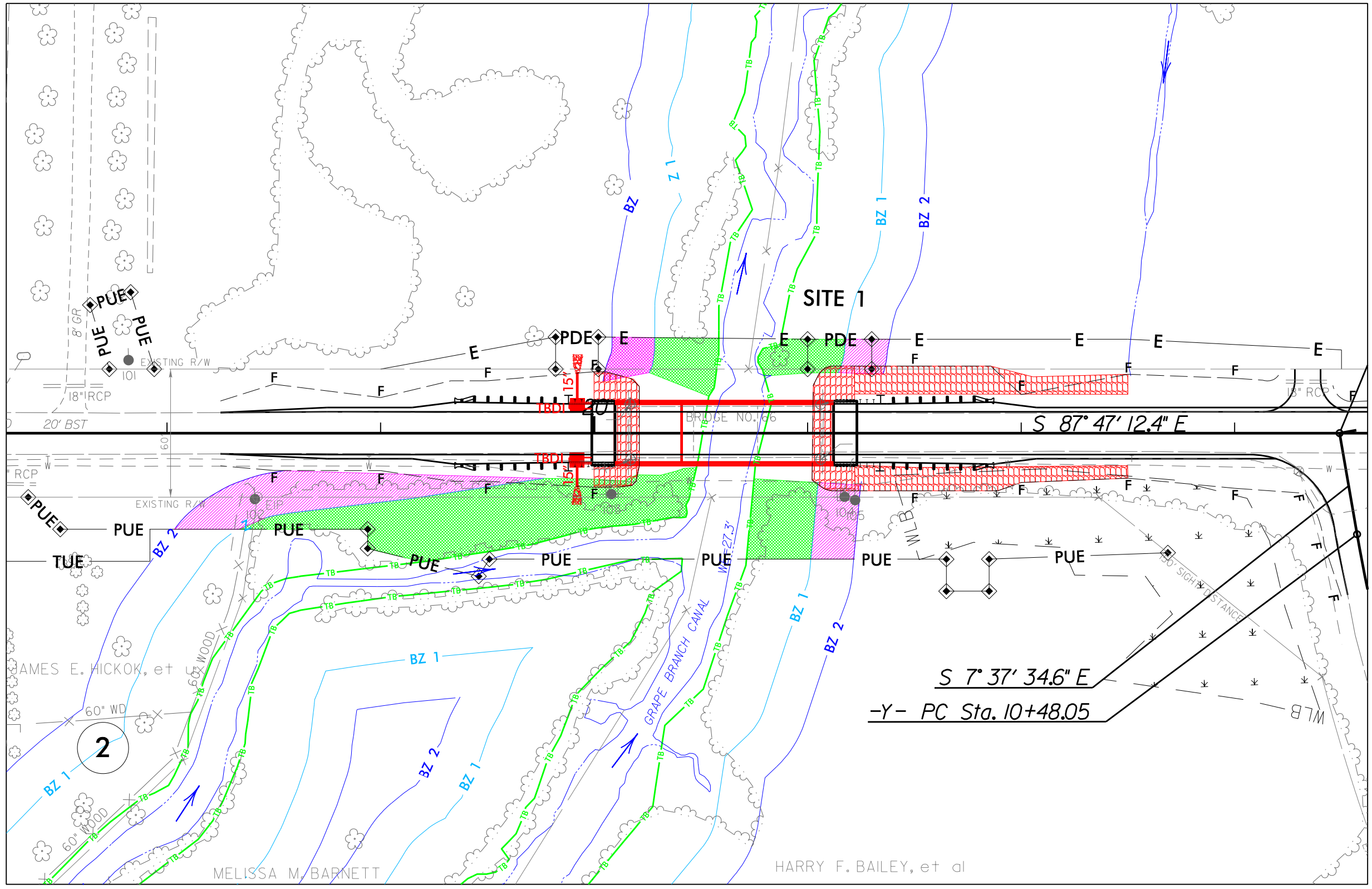
BUFFER DRAWING SHEET 4 OF 7



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PROJECT REFERENCE NO. BP2.R001	SHEET NO. 4A
ROADWAY DESIGN ENGINEER	PAYMENT DESIGN ENGINEER
INCOMPLETE PLANS DO NOT USE FOR R/W ACQUISITION	
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	

INSET 4A



MELISSA M. BARNETT

HARRY F. BAILEY, et al

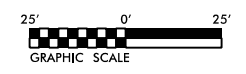
6/2/09

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NAD 83/NA 2011

ALLOWABLE IMPACTS ZONE 1
ALLOWABLE IMPACTS ZONE 2

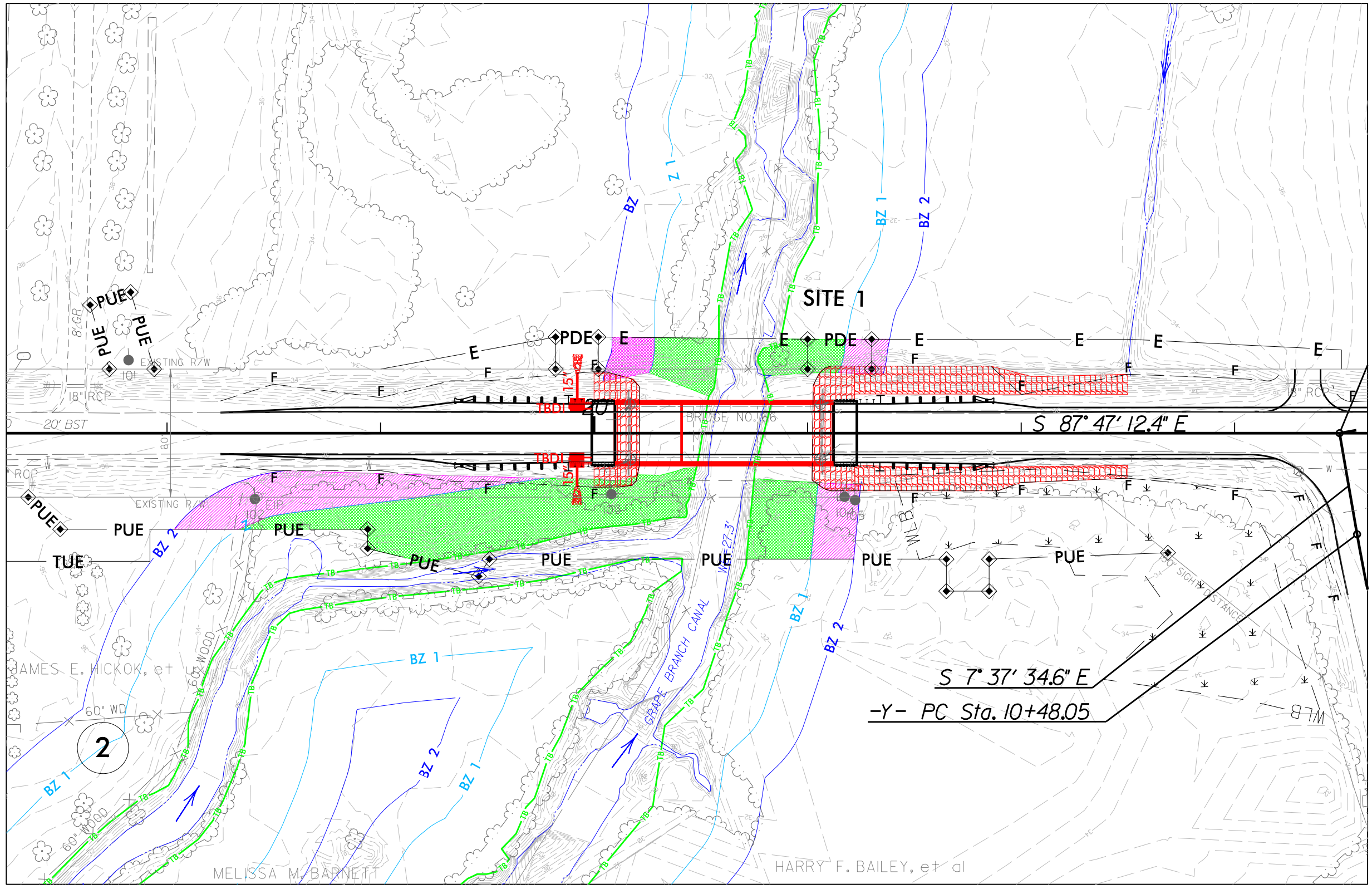
BUFFER DRAWING SHEET 5 OF 7



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PROJECT REFERENCE NO. BP2.R001	SHEET NO. 4A
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INSET 4A



RIPARIAN BUFFER IMPACTS SUMMARY

Site No.	Station (From/To)	Structure Size / Type	IMPACTS									BUFFER REPLACEMENT	
			TYPE			ALLOWABLE			MITIGABLE			ZONE 1 (ft ²)	ZONE 2 (ft ²)
			ROAD CROSSING	BRIDGE	PARALLEL IMPACT	ZONE 1 (ft ²)	ZONE 2 (ft ²)	TOTAL (ft ²)	ZONE 1 (ft ²)	ZONE 2 (ft ²)	TOTAL (ft ²)		
1	18+03 to 19+63 -L- RT	Clearing inside PUE			X	3516	824	4340					
1	19+11 to 20+00 -L- RT	Roadway Construction	X			457	1307	1764					
1	20+00 to 20+48 -L- RT	Bridge Construction		X		470		470					
1	20+04 to 20+58 -L- LT	Bridge Construction		X		671	380	1051					
1	20+71 to 21+22 -L- RT	Clearing inside PUE				452	301	753					
1	20+73 to 21+25 -L- RT	Bridge Construction		X		655	407	1062					
1	20+77 to 21+38 -L- LT	Bridge Construction		X		592	328	920					
TOTALS*:						6813	3547	10360	0	0	0	0	0

NOTES:

NC DEPARTMENT OF TRANSPORTATION
 DIVISION OF HIGHWAYS
 7/20/22
 CRAVEN COUNTY
 Bridge 66
 BP2.R001.1
 SHEET 6 OF 7

WETLANDS IN BUFFER IMPACTS SUMMARY

SITE NO.	STATION (FROM/TO)	WETLANDS IN BUFFERS	
		ZONE 1 (ft ²)	ZONE 2 (ft ²)
TOTAL:		0	0

NC DEPARTMENT OF TRANSPORTATION
 DIVISION OF HIGHWAYS
 7/20/22
 CRAVEN COUNTY
 Bridge 66
 BP2.R001.1
 SHEET 7 OF 7