



PAT McCRORY
Governor
NICHOLAS J. TENNYSON
Secretary

June 3, 2016

To: Prospective Bidders

From: Lloyd G. Royall, Jr.
Division Proposals Engineer

DocuSigned by:
Lloyd G. Royall, Jr
6418B7231C1F4AE...

Contract ID#: DC00163

WBS Element: 17BP.3.R.42

- **Subject: Addendum #1** Sampson Bridge 263

The Subject contract proposal contains the following addendum:

- 1- Attach the Environmental Permits to the end of the proposal.

Addendum must be signed and dated.

You MUST sign as your acknowledgement that you did in fact receive this addendum. Failure to do so shall cause the bid to be considered irregular and shall be grounds for rejection of the bid.

Signature _____ **Date** _____

LGR/lgr





North Carolina Department of Transportation

Highway Stormwater Program
STORMWATER MANAGEMENT PLAN

FOR NCDOT PROJECTS



(Version 2.02; Released April 2015)

WBS Element: 17BP.3.R.45 TIP No.: County(ies): Sampson Page 1 of 3

General Project Information

WBS Element:	17BP.3.R.45	TIP Number:		Project Type:	Bridge Replacement	Date:	10/26/2015
NCDOT Contact:	Robert T. Turnbull, Environmental Services, Inc.		Contractor / Designer:	HNTB North Carolina, P.C.			
Address:	4901 Trademark Dr. Raleigh, NC 27610		Address:	343 E. Six Forks Road Suite 200 Raleigh, NC 27609			
	Phone: (919) 212-1760			Phone: (919) 424-0437			
	Email: rturnbull@esinc.cc			Email: jabyrd@hntb.com			
City/Town:	Clinton		County(ies):	Sampson			
River Basin(s):	Cape Fear		CAMA County?	No			
Wetlands within Project Limits?	No						

Project Description

Project Length (lin. miles or feet):	0.071 miles	Surrounding Land Use:	Agriculture / Rural				
	Proposed Project			Existing Site			
Project Built-Upon Area (ac.)	0.3 ac.		0.2 ac.				
Typical Cross Section Description:	2 - 10' asphalt paved lanes with 2' paved shoulders & grassed shoulders.			2 - 10' asphalt paved lanes with grassed shoulders.			
Annual Avg Daily Traffic (veh/hr/day):	Design/Future: 920	Year: 2031	Existing: 460	Year: 2011			

General Project Narrative:
(Description of Minimization of Water Quality Impacts)

The proposed project involves the replacement of Sampson County Bridge No. 810263 over Williamson Swamp on SR 1441 (Charles Newland Rd.) The existing bridge consists of 1 @ 17' - 2" & 1 @ 18' - 0" reinforced concrete deck spans on timber joists. The proposed bridge is a 1 @ 70' - 0" 24" Cored Slab Bridge with a total width of 33' at the same location. The project also includes 0.058 miles of roadway improvements. There are no existing stormwater facilities on this project other than grass swales in the upstream right quadrant. The proposed project utilizes a 'V' ditch in the same quadrant that outlets in the same manor as the existing ditch. Also since deck drains are not proposed on this project all storm water from the bridge and approach slabs will be collected by a storm drainage system. The system will discharge at the base of the fill slope into a Class 'B' riprap pad @ -L- Sta. 13+10 (LT).

Waterbody Information

Surface Water Body (1):	Williamson Swamp		NCDWR Stream Index No.:	18-68-12-3				
NCDWR Surface Water Classification for Water Body	Primary Classification:		Class C					
	Supplemental Classification:		Swamp Waters (Sw)					
Other Stream Classification:	None							
Impairments:	None							
Aquatic T&E Species?	No	Comments:						
NRTR Stream ID:						Buffer Rules in Effect:	N/A	
Project Includes Bridge Spanning Water Body?	Yes	Deck Drains Discharge Over Buffer?	N/A	Dissipator Pads Provided in Buffer?				N/A
Deck Drains Discharge Over Water Body?	No	(If yes, provide justification in the General Project Narrative)			(If yes, describe in the General Project Narrative; if no, justify in the General Project Narrative)			
(If yes, provide justification in the General Project Narrative)								

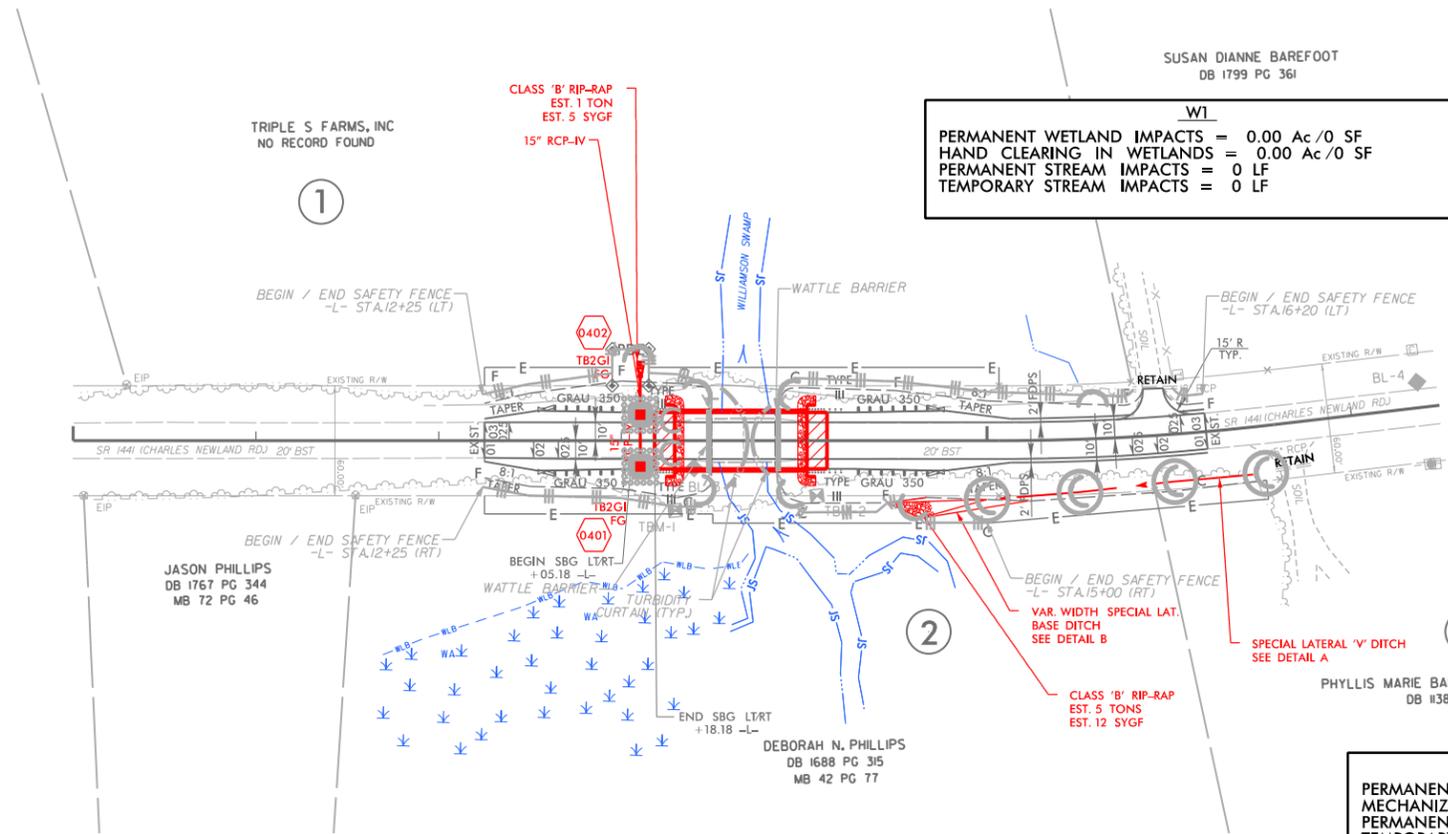
PROJECT REFERENCE NO.	SHEET NO.
17BP.3.R.45	4
RW SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER
INCOMPLETE PLANS DO NOT USE FOR A/W ACQUISITION	
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	

W2
 PERMANENT WETLAND IMPACTS = 0.00 Ac / 0 SF
 MECHANIZED CLEARING IN WETLANDS = 0.0 Ac / 0 SF
 PERMANENT STREAM IMPACTS = 0 LF
 TEMPORARY STREAM IMPACTS = 0 LF

W1
 PERMANENT WETLAND IMPACTS = 0.00 Ac / 0 SF
 HAND CLEARING IN WETLANDS = 0.00 Ac / 0 SF
 PERMANENT STREAM IMPACTS = 0 LF
 TEMPORARY STREAM IMPACTS = 0 LF

W3
 PERMANENT WETLAND IMPACTS = 0.00 Ac / 0 SF
 MECHANIZED CLEARING IN WETLANDS = 0.0 Ac / 0 SF
 PERMANENT STREAM IMPACTS = 0 LF
 TEMPORARY STREAM IMPACTS = 0 LF

W4
 PERMANENT WETLAND IMPACTS = 0.00 Ac / 0 SF
 MECHANIZED CLEARING IN WETLANDS = 0.0 Ac / 0 SF
 PERMANENT STREAM IMPACTS = 0 LF
 TEMPORARY STREAM IMPACTS = 0 LF



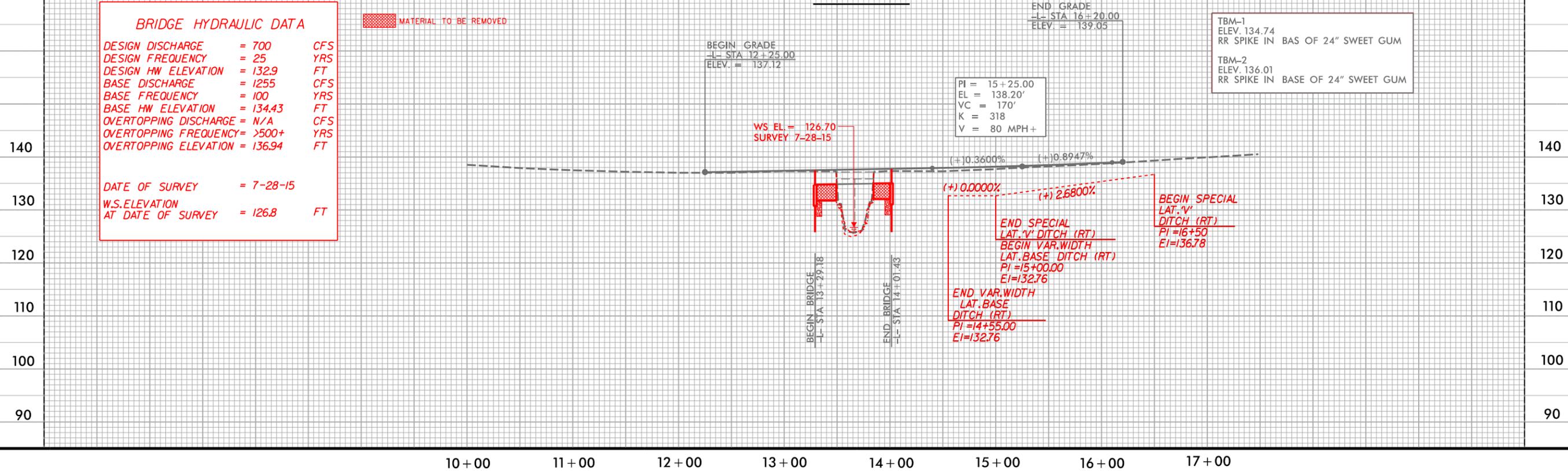
PROFILE

BRIDGE HYDRAULIC DATA

DESIGN DISCHARGE	= 700	CFS
DESIGN FREQUENCY	= 25	YRS
DESIGN HW ELEVATION	= 132.9	FT
BASE DISCHARGE	= 1255	CFS
BASE FREQUENCY	= 100	YRS
BASE HW ELEVATION	= 134.43	FT
OVERTOPPING DISCHARGE	= N/A	CFS
OVERTOPPING FREQUENCY	= >500+	YRS
OVERTOPPING ELEVATION	= 136.94	FT

DATE OF SURVEY = 7-28-15
 W.S. ELEVATION AT DATE OF SURVEY = 126.8 FT

MATERIAL TO BE REMOVED



8/17/99

PLAN

HNTB

HNTB NORTH CAROLINA, P.C.
343 E. Six Forks Road, Suite 200
Raleigh, North Carolina 27609
NC License No: C-1554

PROJECT REFERENCE NO. 17BP.3.R.45	SHEET NO. 4
RW SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER
INCOMPLETE PLANS DO NOT USE FOR A/W ACQUISITION	
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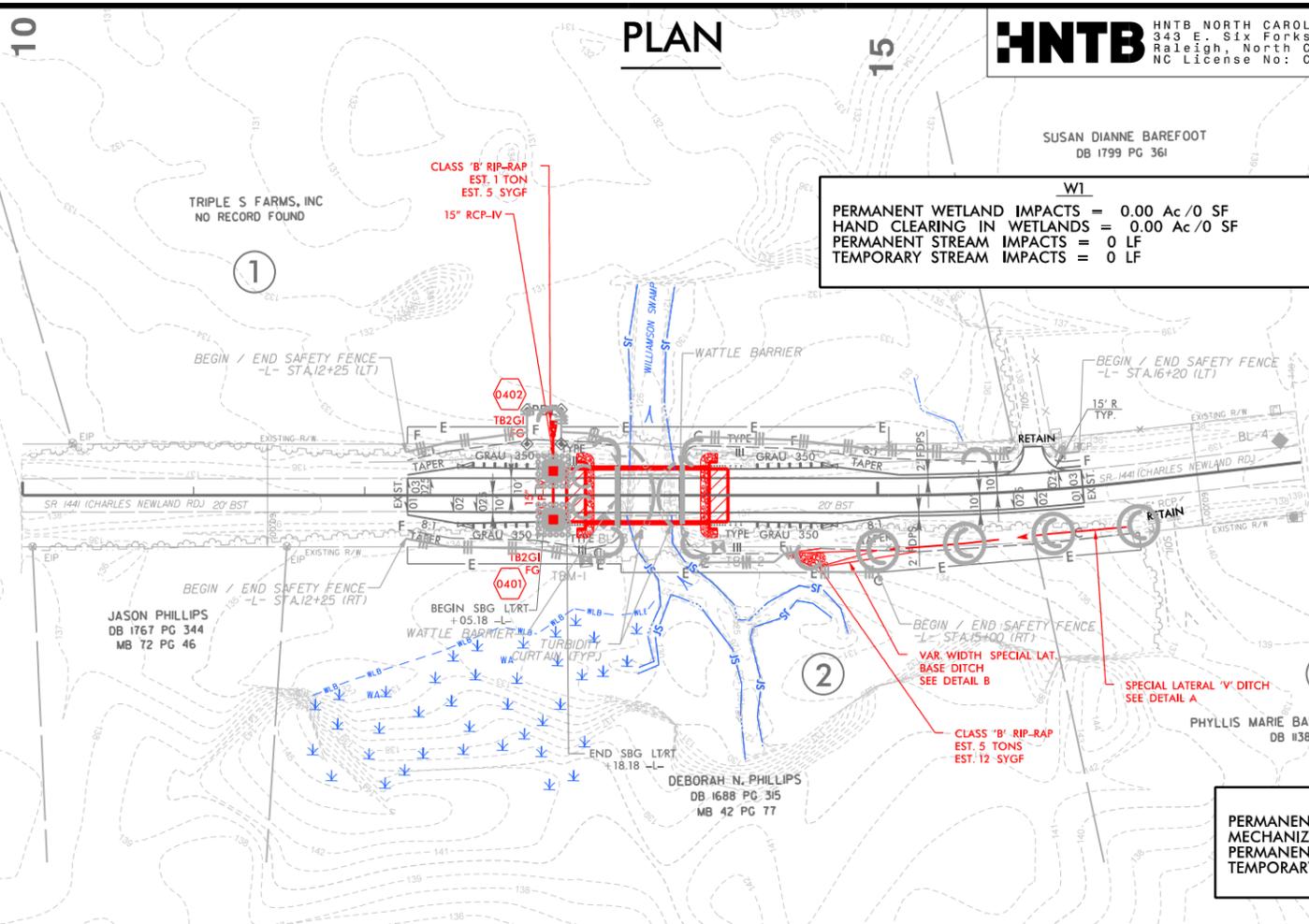
SUSAN DIANNE BAREFOOT
DB 1799 PG 361

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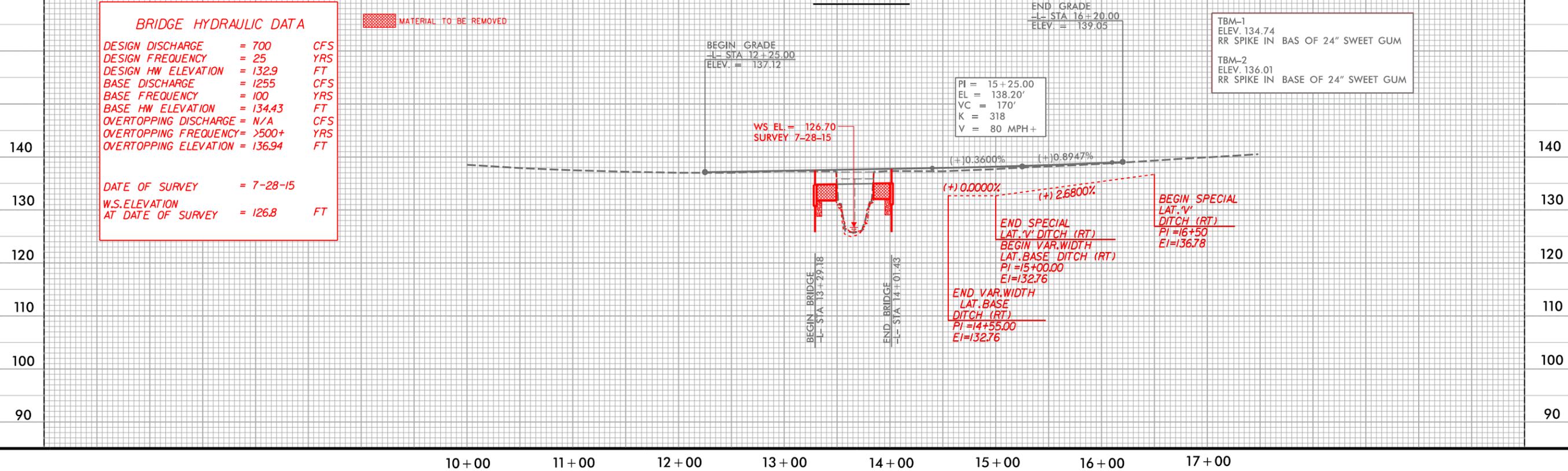
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DATE OF SURVEY = 7-28-15
 W.S. ELEVATION AT DATE OF SURVEY = 126.8 FT

MATERIAL TO BE REMOVED



TBM-1
ELEV. 134.74
RR SPIKE IN BAS OF 24" SWEET GUM

TBM-2
ELEV. 136.01
RR SPIKE IN BASE OF 24" SWEET GUM

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