

North Carolina Department of Transportation

NEPA/SEPA Consultation Form

STIP Project No.	<u>BR-0122</u>
WBS Element	<u>48831.1.1</u>
Federal Aid Project No.	<u>2020001</u>

A. Project Description, Location, and Purpose:

This project replaces Sampson County Bridge No. 348 on SR 1703 over Beaverdam Creek in Sampson County. The bridge will be replaced on the existing alignment while detouring traffic offsite (see Figure 1).

The replacement of Bridge No. 348 is part of the *Growing Rural Economy and Agriculture through Transportation and Technology Enhancement or Replacement in North Carolina (GREATTER-NC)* Project under the United States Department of Transportation's 2018 Better Utilizing Investments to Leverage Development (BUILD) Grant program. The purpose of the grant and this bridge replacement project is to provide transportation infrastructure to support economic development and improve physical and digital connectivity in rural communities in North Carolina. This portion of SR 1703 is part of the Mountains-to-Sea-Trail. This bridge will include two 11-foot lanes and a 4-foot 5-inch shoulder on the bridge and a minimum of 4-foot paved shoulders on the approaches will be implemented to accommodate bicycles. The approach roadway will extend approximately 199 feet from the west end of the new bridge and 157 feet from the east end of the new bridge. The roadway will be designed as a Local Route with a 55 mph design speed. Traffic will be detoured off-site during construction.

B. Consultation Phase: (Check one)

- Right-of-Way
- Construction
- Other: Identify the trigger – (e.g., design change, change in impacts)

C. NEPA/SEPA Class of Action Initially Approved as: (Check one)

- FHWA Class II (CE) 07/18/2019

Additional Notes: **Type I A**

D. Changes in Proposed Action & Environmental Consequences:

Protected Species: Northern long-eared bat (*Myotis septentrionalis*) The USFWS has developed a programmatic biological opinion (PBO) in conjunction with the Federal Highway Administration (FHWA), the US Army Corps of Engineers (USACE), and NCDOT for the northern long-eared bat (NLEB) in eastern North Carolina. The PBO covers the entire NCDOT program in

Divisions 1-8, including all NCDOT projects and activities. The programmatic determination for NLEB for the NCDOT program is "May Affect, Likely to Adversely Affect." The PBO provides incidental take coverage for NLEB and will ensure compliance with Section 7 of the Endangered Species Act for five years for all NCDOT projects with a federal nexus in Divisions 1-8, which includes Sampson County where BR-0122 is located. This level of incidental take is authorized from the effective date of a final listing determination through December 31, 2020 (the USFWS, FHWA, USACE, and NCDOT are coordinating to reinstate Section 7 to extend the PBO beyond this date).

Water Resources, Floodplain: This project is located in a FEMA Limited Detail study. The project will result in a decrease of 0.1' in the 100 year Base Flood Elevation and will be processed as a Type 2a MOA through North Carolina Floodplain Mapping. The MOA requirements have been approved. The MOA Type2a was approved 9/25/2019.

Section 106: NCDOT has reviewed the Section 106 effects findings for historic properties within the project's area of potential effects (APE), that were made as part of the NEPA analysis. NCDOT has confirmed there is no new information that would alter the original Section 106 findings and, therefore, they remain valid.

Design Changes: There are no changes since the completion of the CE.

E. Conclusion:

The above NEPA/SEPA documentation has been reevaluated (as required by either 23 CFR 771 or by NC General Statute Chapter 113A Article 1). It has been determined that the current proposed action is essentially the same as the original proposed action. Proposed changes, if any, are noted in Section D. It has been determined that anticipated social, economic, and environmental impacts were accurately described in the above referenced document(s) unless noted otherwise herein. Therefore, the original Administration Action remains valid.

F. Coordination

NCDOT personnel have discussed the current project parameters with qualified NCDOT representatives and FHWA (where applicable). The NCDOT Project Manager, Nora McCann, EIT, hereby verifies the involvement of the following staff and the incorporation of their technical input:

Design Engineer:	Greg Purvis, PE	10/6/2020
Environmental Specialist:	Gordon Cashin	10/8/2020
Hydraulic Engineer:	Frank Fleming, PE	10/13/2020
Architectural Historian:	Mary Pope Furr	10/12/2020
FHWA (if Applicable):	N/A	N/A

G. Consultation Approval for NCDOT Project BR-0122

Prepared By:

11/16/2020

Date

DocuSigned by:

Nora McCann

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Nora McCann, EIT
NCDOT, Project Management Unit

Prepared For:

DocuSigned by:

Jacquelyn Bowles

DD26E87EDEFB647E...

Jacquelyn Bowles, PE
NCDOT, Structures Management Unit

Reviewed By:

11/17/2020

Date

DocuSigned by:

Colin Mellor

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Colin Mellor, Team Lead
NCDOT, Environmental Policy Unit



Approved

In adherence with 23 CFR 771 (NEPA) or NC General Statute Chapter 113A Article 1 (SEPA), NCDOT approves this Consultation.

or



Certified

NCDOT staff certifies if FHWA signature was previously required or where changes have resulted in FHWA signature being required.

11/17/2020

Date

DocuSigned by:

David Stutts

A4A2999A8BC64F2...

David Stutts, PE – Project Engineer – PEF/Program Management
North Carolina Department of Transportation

FHWA Approved: FHWA signature required for Type I(B) CE, Type II(B) CE, Type III CE, FONSI or ROD.

Date

N/A

John F. Sullivan, III, PE, Division Administrator
Federal Highway Administration

H. Project Commitments (as of November 2020)

PROJECT COMMITMENTS

T.I.P Project No. BR-0122
Bridge No. 348 on SR 1703
Over Beaverdam Creek
Sampson County
WBS Element No..48831.1.1

Current status to the project commitments as shown in the CE for the Project are printed in italics.

NCDOT Division 3 – Offsite Detour

In order to have time to adequately reroute school busses, Sampson County Schools will be contacted at least one month prior to road closure. Contact person is Vicki Westbrook – Director of Transportation at (910)-592-3191.

Sampson County Emergency Services will be contacted at least one month prior to road closure to make the necessary temporary reassignments to primary response units. Contact person is Ronald Bass – Emergency Services Director at (910)-592-8996.

Status: Division Three Construction Engineer’s office will make the contacts prior to road closure.

NCDOT Hydraulic Unit – FEMA Coordination

The Hydraulics Unit will coordinate with the NC Floodplain Mapping Program (FMP), to determine status of project with regard to applicability of NCDOT’S Memorandum of Agreement, or approval of a Conditional Letter of Map Revision (CLOMR) and subsequent final Letter of Map Revision (LOMR).

Status: MOA requirements from FEMA have been approved. The MOA Type 2a was approved on 9/25/2019.

NCDOT Division 3 Construction, Resident Engineer’s Office -FEMA

This project involves construction activities on or adjacent to FEMA-regulated stream(s). Therefore, the Division shall submit sealed as-built construction plans to the Hydraulics Unit upon completion of project construction, certifying that the drainage structure(s) and roadway embankment that are located within the 100-year floodplain were built as shown in the construction plans, both horizontally and vertically.

Status: This commitment will be fulfilled after the completion of the project construction.

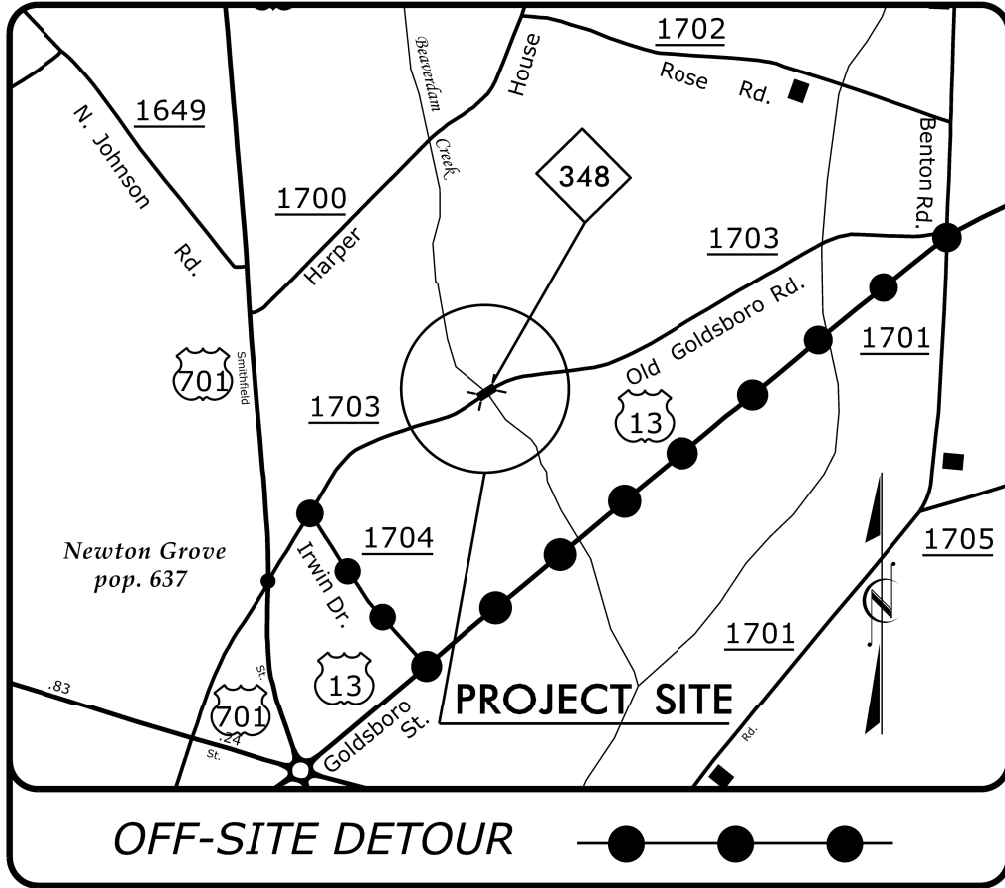
COMMITMENTS FROM PERMITTING

NCDOT Environmental Analysis Unit

The project is authorized by Corps of Engineers Nationwide Permit No. 3 and 12, as well N.C. Water Quality Certification Nos. 4132 and 4133 without formal written approval. All permit conditions specified by those general permits must be met for this authorization to remain valid. If changes are made to the project design, written approval may be required.

NCDOT Environmental Analysis Unit, NCDOT Division 3 Construction

This project required concurrence from the U.S. Fish and Wildlife Service (USFWS) regarding its possible effects on the federally threatened wood stork (*Mycteria americana*). By letter dated September 21, 2020, the USFWS concurred the project may affect but is not likely to adversely affect the wood stork. However this concurrence is conditional, as stated in the letter, it “is understood that the project will let in November 2020, thus it will be well underway prior to the wood stork nesting season of April 15 – July 15. Wood storks are very uncommon in Sampson County and even less so during winter... We remind you that obligations under Section 7 consultation must be reconsidered if...(2) this action is subsequently modified in a manner that was not considered in this review...”. Consequently, changes to the project schedule may require additional consultation with the USFWS.



BR-0122

REPLACE BRIDGE NO. 810348
OVER BEAVERDAM CREEK
ON SR 1703
(OLD GOLDSBORO RD.)
SAMPSON COUNTY

WBS 67122.1.1

NORTH CAROLINA
DEPT. OF TRANSPORTATION
DIVISION 3

VICINITY MAP – FIGURE 1

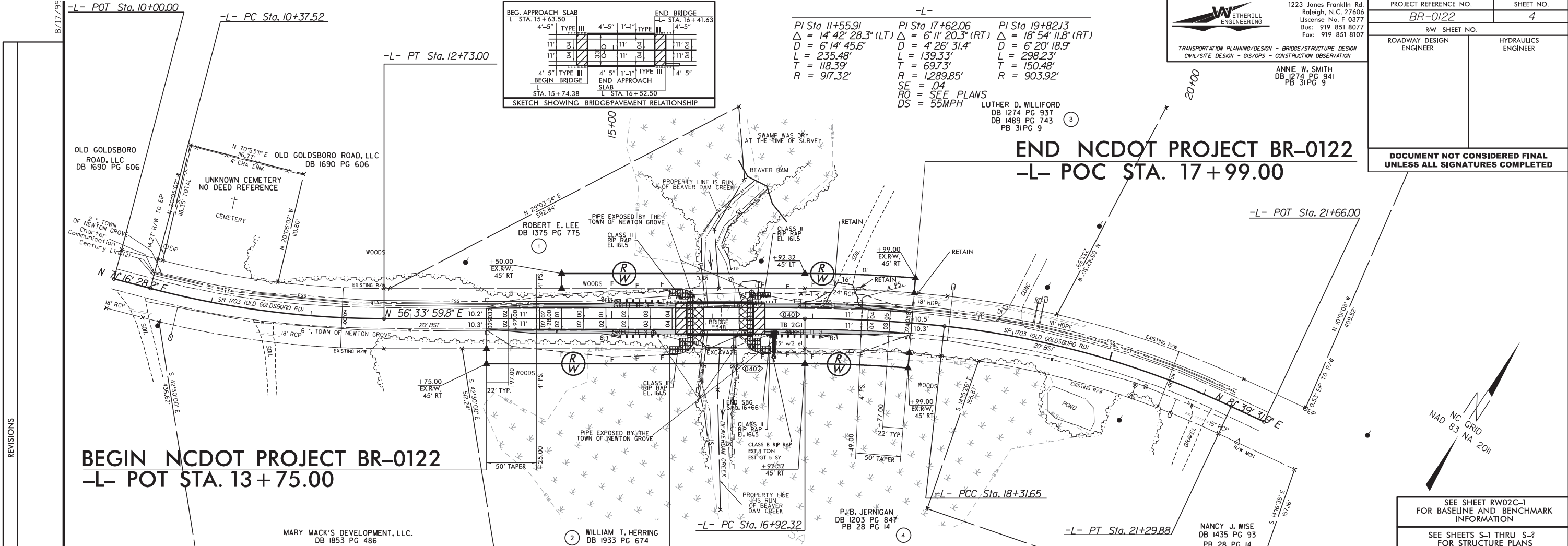


1223 Jones Franklin Rd.
Raleigh, N.C. 27606
License No. F-0377
Bus: 919 851 8077
Fax: 919 851 8107

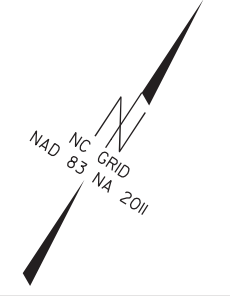
PROJECT REFERENCE NO.	SHEET NO.
BR-0122	4
R/W SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

ANNIE W. SMITH
DB 1274 PG 941
PB 31 PG 9

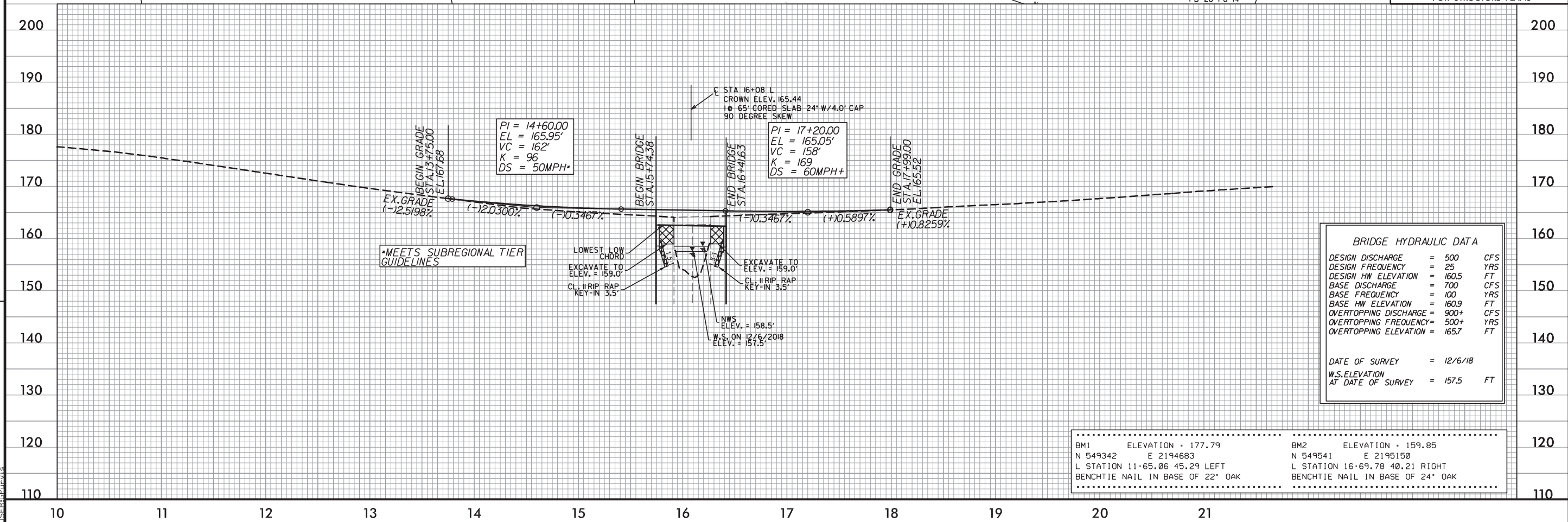
**DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED**



REVISIONS



SEE SHEET RW02C-1 FOR BASELINE AND BENCHMARK INFORMATION
SEE SHEETS S-1 THRU S-2 FOR STRUCTURE PLANS



B.M1	ELEVATION = 177.79	B.M2	ELEVATION = 159.85
N 549342	E 2194683	N 549541	E 2195150
L STATION 11+65.06 45.29 LEFT		L STATION 16+69.78 40.21 RIGHT	
BENCHMARK NAIL IN BASE OF 22' OAK		BENCHMARK NAIL IN BASE OF 24' OAK	

5/16/2018 10:01:00 AM 0122_rdy_psh.dgn