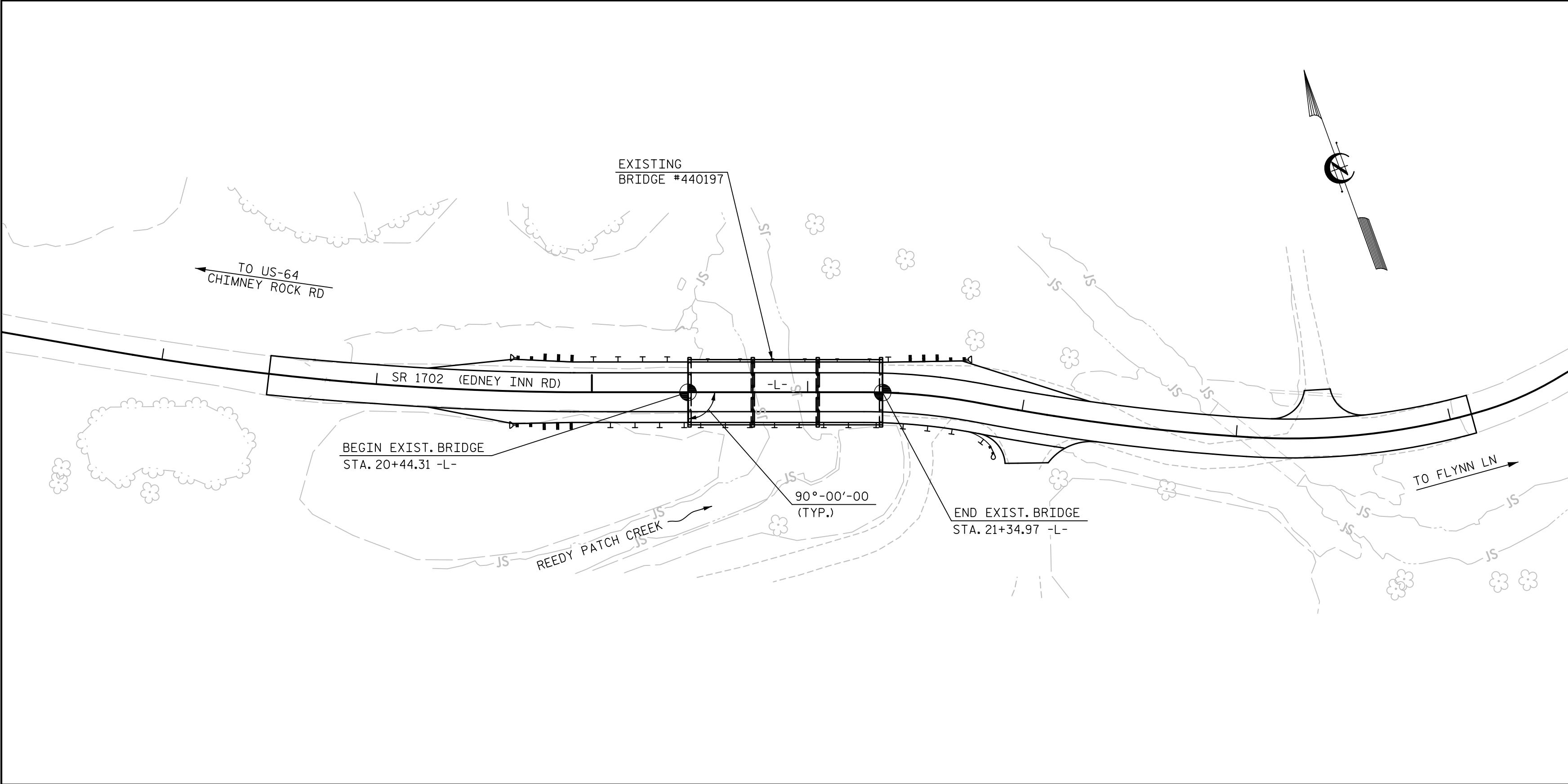
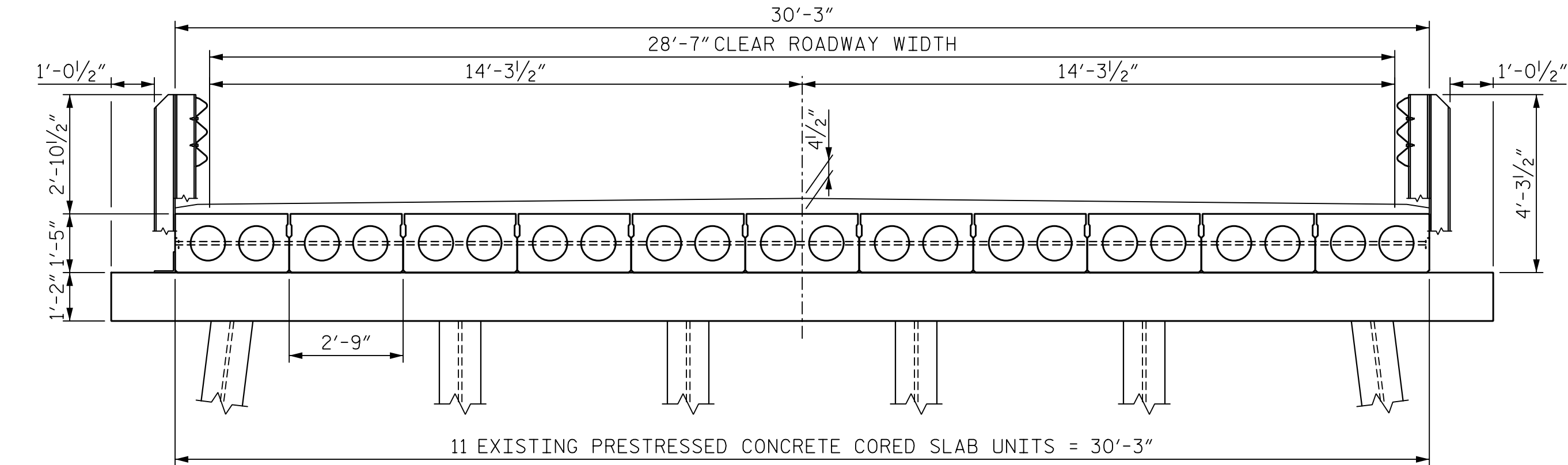
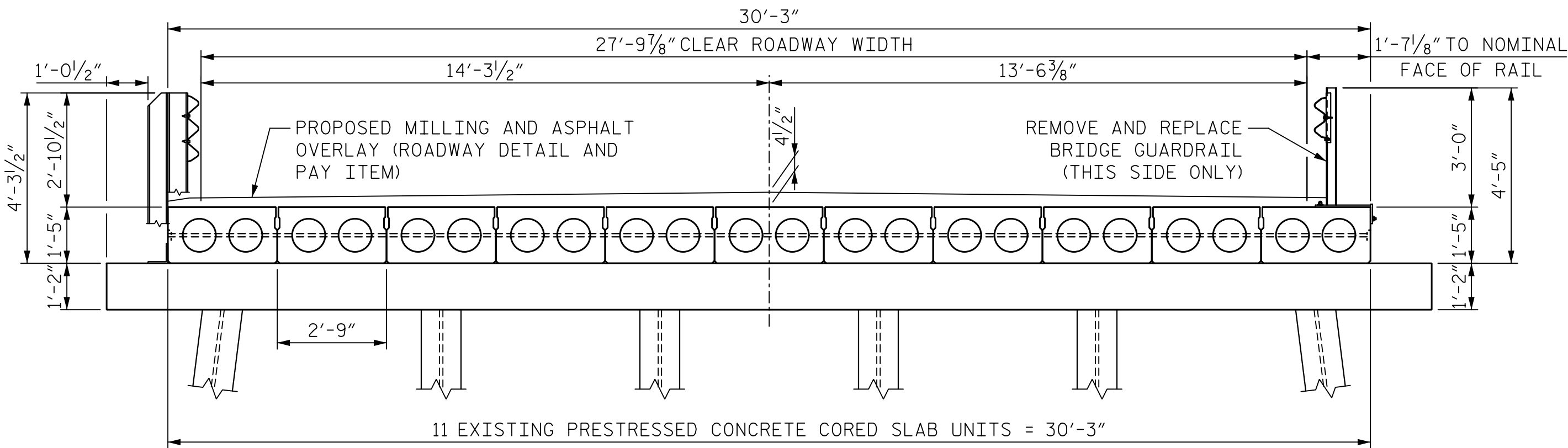




BRIDGE 440197 LOCATION SKETCH



EXISTING TYPICAL SECTION



PROPOSED TYPICAL SECTION

NOTES:

INFORMATION INDICATED ON THE LOCATION SKETCH SHALL BE CONSIDERED GENERAL INFORMATION ONLY. THE CONTRACTOR SHALL CONFIRM, THROUGH OTHER SOURCES, SPECIFIC INFORMATION REGARDING BRIDGES, ROADWAYS, UTILITIES, THE SURROUNDING AREA, AND ANY OTHER ASPECTS THAT MAY BE NECESSARY TO PERFORM AND COMPLETE THE PROJECT.

EXISTING DIMENSIONS AND BRIDGE CONDITION ARE FROM THE BEST INFORMATION AVAILABLE. THE CONTRACTOR SHALL FIELD VERIFY THE INFORMATION SHOWN ON THE PLANS AND NOTIFY THE ENGINEER IF ACTUAL DIMENSIONS AND CONDITIONS DIFFER.

THE CONTRACTOR SHALL HAVE NO CLAIM WHATSOEVER AGAINST THE DEPARTMENT FOR ANY DELAYS OR ADDITIONAL COST INCURRED BASED ON DIFFERENCES BETWEEN WHAT IS SHOWN ON THE PLANS AND THE ACTUAL CONDITIONS AT THE PROJECT SITE.

IT IS THE CONTRACTOR'S RESPONSIBILITY TO FOLLOW ALL STATE AND FEDERAL SAFETY REQUIREMENTS.

FOR CONTROL OF TRAFFIC AND LIMITS ON PHASING OF CONSTRUCTION, SEE TRANSPORTATION MANAGEMENT PLANS.

FOR CONCRETE REPAIRS, SEE SPECIAL PROVISIONS.

FOR SUBMITTAL OF WORKING DRAWINGS, SEE SPECIAL PROVISIONS.

FOR FALSEWORK AND FORMWORK, SEE SPECIAL PROVISIONS.

FOR CRANE SAFETY, SEE SPECIAL PROVISIONS.

FOR GROUT FOR STRUCTURES, SEE SPECIAL PROVISIONS.

FOR BRIDGE GUARDRAIL, SEE SPECIAL PROVISIONS.

ANY DAMAGE TO EXISTING REINFORCING STEEL, DURING CONTRACTOR'S OPERATIONS, SHALL BE REPAIRED AS DIRECTED BY THE ENGINEER AND PERFORMED AT NO ADDITIONAL COST TO THE DEPARTMENT.

PRIOR TO BEGINNING WORK, THE CONTRACTOR SHALL SUBMIT FOR REVIEW AND APPROVAL A COMPLETE SEQUENCE OF TASKS FOR EACH OPERATION AFFECTING THE BRIDGE SURFACE AND/OR TRAFFIC.

THE CONTRACTOR SHALL PERFORM ALL WORK WITH CARE SO THAT THE EXISTING STRUCTURE WHICH IS TO REMAIN IN PLACE WILL NOT BE DAMAGED. IF THE CONTRACTOR DAMAGES ANY PART OF THE EXISTING STRUCTURE WHICH IS TO REMAIN IN PLACE, THE DAMAGE AREA SHALL BE REPAIRED OR REPLACED IN A MANNER SATISFACTORY TO THE ENGINEER AT NO ADDITIONAL COST TO THE DEPARTMENT.

CERTIFIED MILL REPORTS ARE REQUIRED FOR RAILS AND POSTS. SHOP INSPECTION IS NOT REQUIRED.

TO ENSURE FUTURE IDENTIFICATION OF THE FABRICATOR, A PERMANENT IDENTIFYING MARK SHALL BE PLACED ON EACH POST. THE METHOD OF MARKING AND LOCATION SHALL BE SUCH THAT IT DOES NOT DETRACT FROM THE APPEARANCE OF THE POST, BUT REMAINS VISIBLE AFTER RAIL PLACEMENT.

THE CONTRACTOR SHALL USE ADHESIVELY ANCHORED DOWELS. LEVEL TWO FIELD TESTING IS REQUIRED, AND THE YIELD LOAD OF THE DOWEL IS 12 KIPS. FOR ADHESIVELY ANCHORED ANCHOR BOLTS OR DOWELS, SEE SECTION 420-13 OF THE STANDARD SPECIFICATIONS.

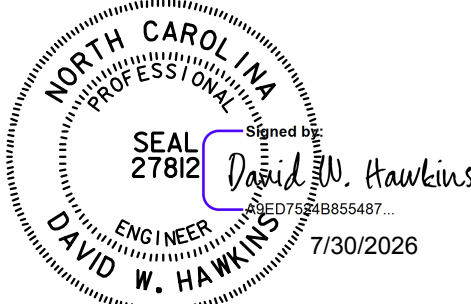
THE CONTRACTOR SHALL SUBMIT SHOP DRAWINGS FOR RAILING, BASE PLATES AND HARDWARE TO THE ENGINEER FOR APPROVAL PRIOR TO FABRICATION.

ALL RAILING POST, PLATES AND MISCELLANEOUS HARDWARE SHALL BE GALVANIZED IN ACCORDANCE WITH SECTION 1076 OF THE STANDARD SPECIFICATIONS.

BRIDGE COORDINATES		
BRIDGE NO.	LATITUDE	LONGITUDE
440197	35°-26-14.5"	82°-17'-41.27"

TOTAL BILL OF MATERIAL			
BRIDGE NO. 440197	REMOVAL OF EXISTING BRIDGE GUARDRAIL	BRIDGE GUARDRAIL	CONCRETE REPAIRS
	LUMP SUM	LIN. FT.	CU. FT.
TOTAL	LUMP SUM	90.67	6.5

NOTE: REMOVAL OF EXISTING BRIDGE GUARDRAIL PAY ITEM INCLUDES REMOVAL OF EXISTING BRIDGE RAILING AND ASPHALT WEARING SURFACE WITHIN LIMITS OF PROPOSED RAILING AND AS SHOWN ON PLANS.



DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED			
HNTB HNTB NORTH CAROLINA, P.C. NC License No. C-1554 4000 Center at North Hills Street, Suite 500, Raleigh, N.C. 27609			
DRAWN BY CHECKED BY ENGINEER OF RECORD	M. WRIGHT N. HART D. HAWKINS	DATE DATE DATE	12/25 05/26 05/26
DWG. NO.		2	

PROJECT NO. DF1834.2045330
HENDERSON COUNTY
STATION: POT 20+89.64 -L-

SHEET 2 OF 2

STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
RALEIGH
GENERAL DRAWING FOR
BRIDGE ON SR 1702
OVER REEDY PATCH CREEK
BETWEEN US-64 AND
DIAMOND FALLS PRESERVE

REVISIONS						SHEET NO.
NO.	BY	DATE	NO.	BY	DATE	S1-2
1			3			TOTAL SHEETS
2			4			7