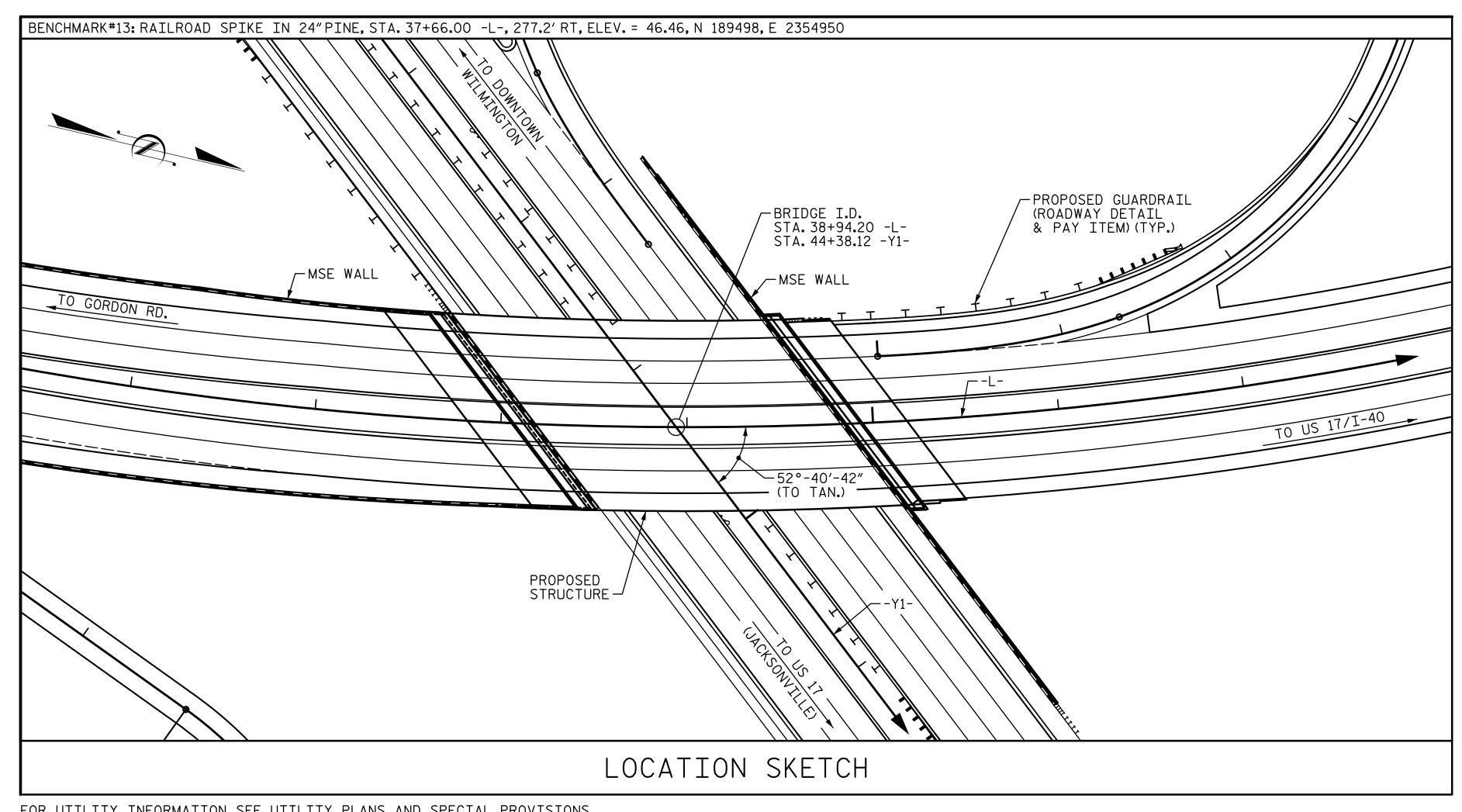
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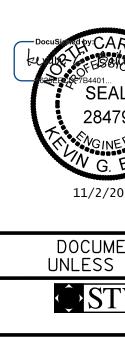


	TOTAL BILL OF MATERIAL																	
	FOUNDATION EXCAVATION FOR BENT	PDA TESTING	REINFORCED CONCRETE DECK SLAB	GROOVING BRIDGE FLOORS	CLASS A CONCRETE	BRIDGE APPROACH SLABS	REINFORCING STEEL	SPIRAL COLUMN REINFORCING STEEL	PRE C	IFIED 63″ STRESSED DNCRETE IRDERS	PILE DRIVING EQUIP.SETUP FOR HP 12×53 STEEL PILES	HI STE	P 12x53 EL PILES	PILE REDRIVES	CONCRETE BARRIER RAIL	4″SLOPE PROTECTION	ELASTOMERIC BEARINGS	E) JO
	LUMP SUM	EA.	SQ.FT.	SQ.FT.	CU.YD.	LUMP SUM	LBS.	LBS.	NO.	LIN.FT.	EA.	NO.	LIN.FT.	EA.	LIN.FT.	SQ.YD.	LUMP SUM	
SUPERSTRUCTURE			19,078	16,915		LUMP SUM			20	1,817.1					444.5		LUMP SUM	
END BENT 1					123.9		16,467				19	19	1,140	9		31.6		
BENT 1	LUMP SUM				170.3		31,398	2,743			42	42	2,730	21				
END BENT 2					131.0		17,359				20	20	1,200	10		31.5		
TOTAL	LUMP SUM	1	19,078	16,915	425.2	LUMP SUM	65,224	2,743	20	1,817.1	81	81	5,070	40	444.5	63.1	LUMP SUM	Ľ

enc								
ns'	DRAWN BY :	VMW	DATE :	4-17	DESIGN			
ttow	CHECKED BY :	AJP	DATE :	5-17	ENGINEER OF RECORD: _	V.WU	_ DATE :	5-17

## GENERAL NOTES:

ASSUMED LIVE LOAD = HL-93 OR ALTERNATE LOADING. THIS BRIDGE HAS BEEN DESIGNED IN ACCORDANCE WITH THE AASHTO LRFD BRIDGE DESIGN SPECIFICATIONS. THIS BRIDGE IS LOCATED IN SEISMIC ZONE 1. FOR OTHER DESIGN DATA AND GENERAL NOTES, SEE SHEET SN. 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. THE ELEVATION AND CLEARANCE SHOWN ON THE PLANS AT THE POINT OF MINIMUM VERTICAL CLEARANCE ARE FROM THE BEST INFORMATION AVAILABLE.PRIOR TO BEGINNING BRIDGE CONSTRUCTION, VERIFY THE ELEVATION ON THE EXISTING PAVEMENT AND CHECK THE CLEARANCE.REPORT ANY VARIATIONS TO THE ENGINEER.ANY PLAN REVISIONS NECESSARY TO ACHIEVE THE REQUIRED MINIMUM VERTICAL CLEARANCE WILL BE PROVIDED BY THE DEPARTMENT. FOR MAINTENANCE AND PROTECTION OF TRAFFIC BENEATH PROPOSED STRUCTURE, SEE SPECIAL PROVISIONS. REMOVABLE FORMS MAY BE USED IN LIEU OF METAL STAY-IN-PLACE FORMS IN ACCORDANCE WITH ARTICLE 420-3 OF THE STANDARD SPECIFICATIONS. NEEDLE BEAMS WILL NOT BE ALLOWED UNLESS OTHERWISE CALLED FOR ON THE PLANS OR APPROVED BY THE ENGINEER. FOR EROSION CONTROL MEASURES, SEE EROSION CONTROL PLANS. FOR FOUNDATION NOTES, SEE "FOUNDATION LAYOUT" SHEET. FOR PLACING LOAD ON STRUCTURE MEMBERS, SEE SPECIAL PROVISIONS. FOR EMBEDDED CLIPS FOR PRESTRESSED CONCRETE GIRDERS, SEE SPECIAL PROVISIONS. FOR MSE WALLS, SEE GEOTECHNICAL SPECIAL PROVISIONS.



EXPANSION JOINT SEALS						
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V Jears 9	STV ENGINEERS, INC. 900 West Trade St., Suite 715 Charlotte, NC 28202 NC License Number F-0991	1 2		3 4		total sheets 36
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