

REV. NO.	REVISIONS DESCRIPTION	DATE

DESIGN DATA

CONCRETE CLASS A f'c = 3 K.S.I.
 CONCRETE CLASS AA f'c = 4 K.S.I.
 REINFORCING STEEL (GRADE 60) fy = 60 K.S.I.
 STRUCTURAL STEEL M270 (GRADE 50W) fy = 50 K.S.I.
 STAINLESS STEEL A240 (TYPE 316) fy = 30 K.S.I.

LOADING:
 HL-93 OR OKLAHOMA OVERLOAD TRUCK
 20 PSF FUTURE WEARING SURFACE

DESIGN:
 AASHTO LRFD BRIDGE DESIGN SPECIFICATIONS, 4TH EDITION WITH 2009 INTERIMS
 ANSI/AASHTO/AWS D1.5 BRIDGE WELDING CODE
 ANSI/AWS D1.6 STRUCTURAL WELDING CODE - STAINLESS STEEL

LFD OPERATING RATING: HS 35.8

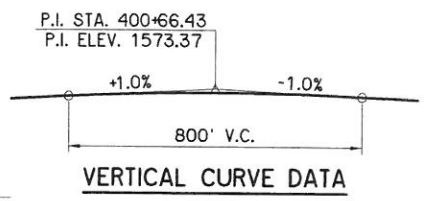
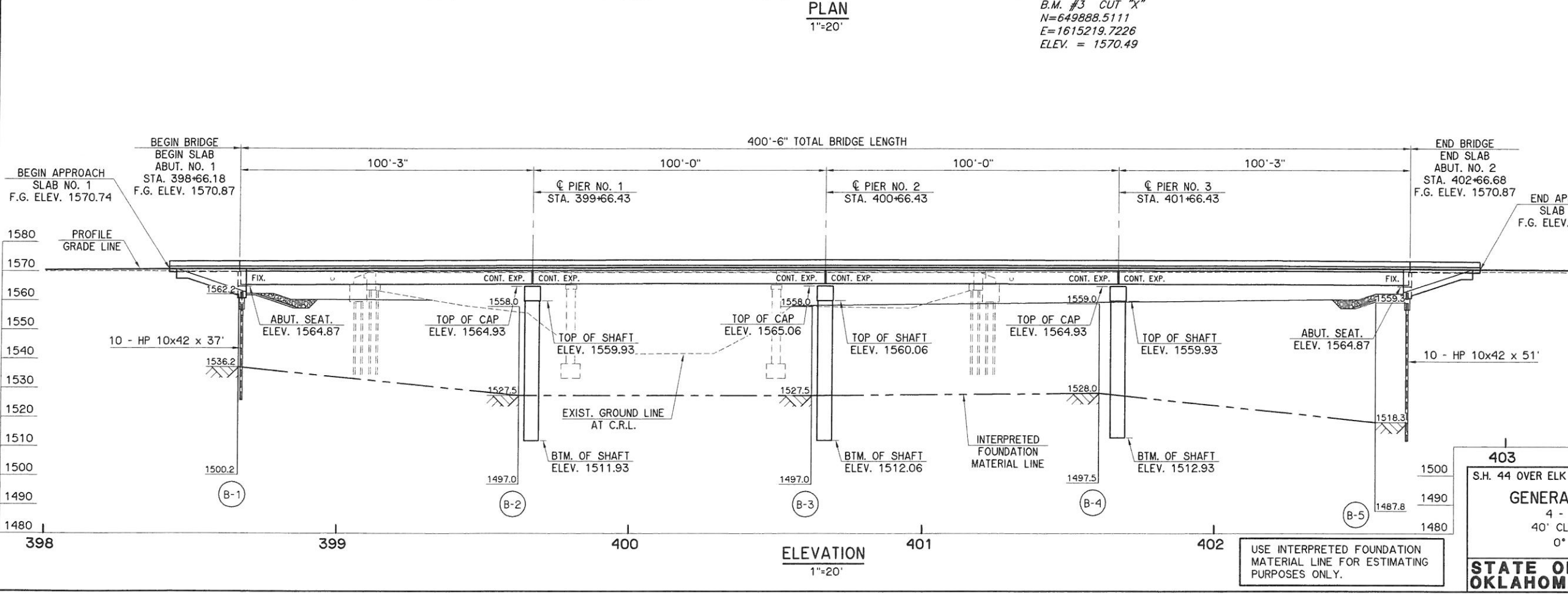
THE OPERATING RATING SHOWN IS BASED ON A NOMINAL STRENGTH USING ONLY STRANDS THAT ARE BONDED FOR THE FULL LENGTH OF THE BEAM. ALL PARTIALLY BONDED STRANDS ARE NEGLECTED IN STRENGTH COMPUTATIONS.

INDEX OF SHEETS

4	SUMMARY OF PAY QUANTITIES AND NOTES (BRIDGE)
19	GENERAL PLAN AND ELEVATION
20-21	FOUNDATION REPORT - SHEETS 1 AND 2
22	SUBSTRUCTURE LAYOUT AND SUMMARY OF BRIDGE QUANTITIES
23-24	PIER DETAILS - SHEETS 1 AND 2

STANDARDS

B40-I-ABUT-PC4-1-01E	B40-I-DIA-PCB-01E
B40-I-ABUT-PC4-2-01E	B40-I-BRG-PC4BT-02E
B40-I-ABUT-MISC-01E	B40-I-SPR-QUAN-PCB-IV-03E
B40-I-XSECT-PC234-03E	B40-I-AS-03E
B40-I-LSECT-PCB-03E	B40-I-TR4-O-PC45-02E
B40-I-SPR-BLIST-PCB-03E	HP1-2-00E
B40-I-PCB-IV-100-02E	TR4-2-00E
B40-I-PCB-DTL-01E	LECS-4-1
B40-I-ADIA-PC4-1-02E	PUD-3-2
B40-I-ADIA-PC4-2-02E	



NOTE:
 FOR FOUNDATION DATA, HYDRAULIC DATA AND RIPRAP DETAILS, SEE SHEET 22.



403

S.H. 44 OVER ELK CREEK

GIOWA COUNTY

GENERAL PLAN AND ELEVATION

4 - 100' TYPE II P.C.B. SPANS
 40' CLEAR ROADWAY WITH TR4 RAILS
 0° SKEW, CL. STA. 400+66.43

Design	AFW
Detail	DRB
Check	AFW

WHITE ENGINEERING ASSOCIATES

STATE OF OKLAHOMA DEPARTMENT OF TRANSPORTATION

JOB PIECE NO. 28999(04) SHEET NO. 19

I:\Active\1221\DWG\19-PE.dwg, 3/15/2016 10:38:56 AM, Deanne