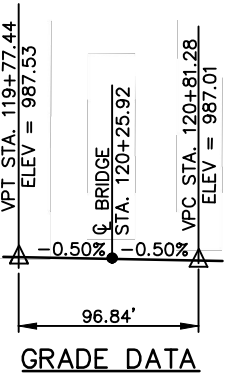


REVISED PROPOSED R/W		
REV. NO.	DESCRIPTION	DATE

HYDRAULIC DATA

DRAINAGE AREA = 5.34 SQ. MI.
 CONTROLLED AREA = 0 SQ. MI.
 UNCONTROLLED AREA = 5.34 SQ. MI.

Q2	= 534 C.F.S.
V2	= 1.35 FPS
CHW2	= 978.76
Q5	= 1110 C.F.S.
V5	= 2.31 FPS
CHW5	= 980.14
Q10	= 1680 C.F.S.
V10	= 3.30 FPS
CHW10	= 980.57
Q25	= 2620 C.F.S.
V25	= 4.90 FPS
CHW25	= 981.03
Q50	= 3340 C.F.S.
V50	= 6.09 FPS
CHW50	= 981.36
Q100	= 4200 C.F.S.
V100	= 7.59 FPS
CHW100	= 981.68
CONTRACTION SCOUR	= .30'
TOTAL	= .30'
Q500	= 6620 C.F.S.
V500	= 12.47 FPS
CHW500	= 983.35
TOTAL SCOUR	= 5.40'
QOT > Q500	



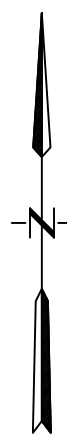
- BRIDGE**
- CB26..32-C-I-SKO...30-GRAU-BC-00E
 - CB26..32-C-I-SKO...30-PCB-DTL-1-01E
 - CB26..32-C-I-SKO...30-PCB-DTL-2-01E
 - CB26...32-C-SKO-WING-PC3-01E
 - CB26...32-C-SKO-ABUT-MISC-01E
 - CB32-C-SKO-ABUT-PC3-02E
 - CB32-C-SKO-XSECT-PC234-01E
 - CB32-C-SKO-LSECT-PCB-01E
 - CB32-C-SKO-DIA-END-PC234-01E
 - CB32-C-SKO-DKSLB-BLIST-01E
 - CB32-C-SKO-SPR-QUAN-PCB-1-01E
 - CB32-C-SKO..30-PCB-III-90-01E
 - CB32-C-SKO..30-DIA-INT-PCB-01E
 - CB32-C-SKO..30-BRG-PC3-01E
 - HPI-2-00E
 - TR3-2-01E

DESIGN DATA

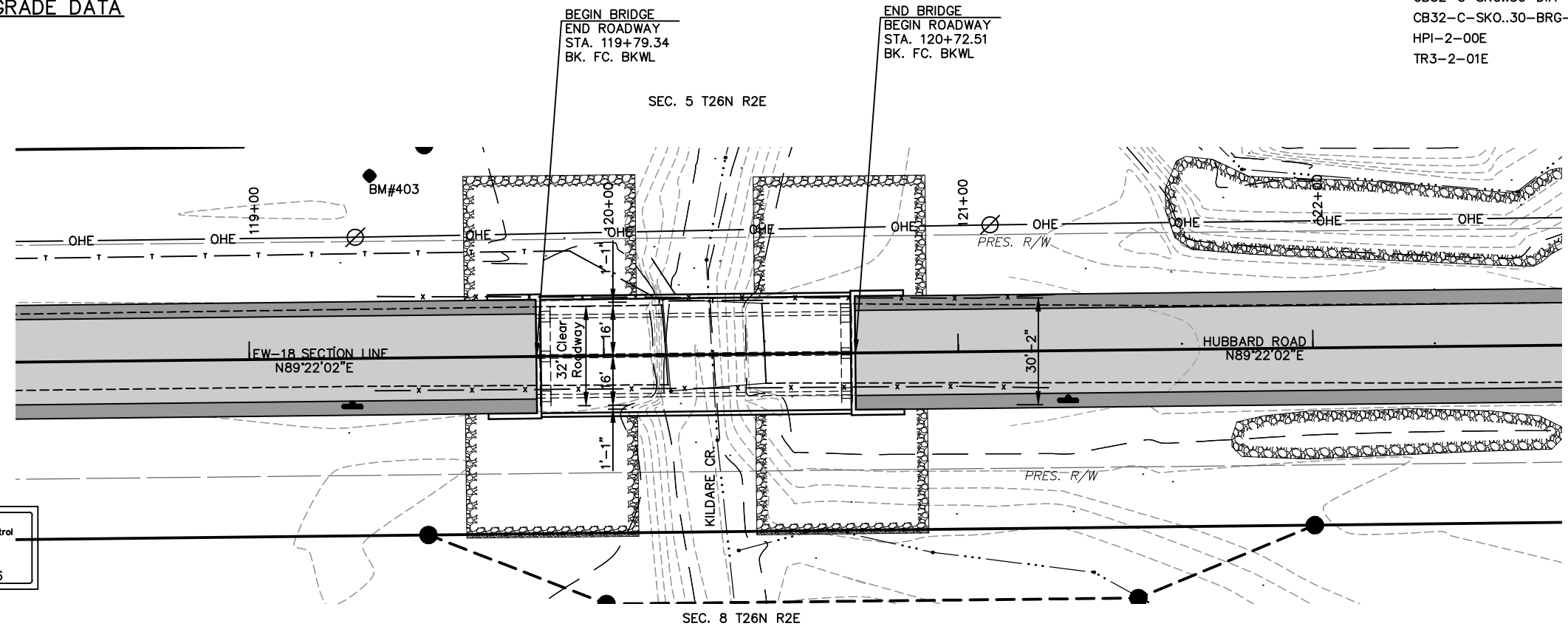
- CLASS AA CONCRETE F'C=4 KSI
- CLASS A CONCRETE F'C=3 KSI
- REINFORCING STEEL FY=60KSI
- STRUCTURAL STEEL M270 (GRADE 50W) FY=50KSI
- LOADING: HL-93 OR OKLAHOMA OVERLOAD TRUCK
- 20 P.S.F. FUTURE WEARING SURFACE
- 5 P.S.F. STAY-IN-PLACE FORMS
- DESIGN: AASHTO LRFD BRIDGE DESIGN SPECIFICATIONS, 5TH EDITION WITH INTERIMS THROUGH 2010 INTERIMS, EXCEPT AS MODIFIED BY CURRENT ODOT BRIDGE DIVISION DESIGN POLICIES.
- ANSI/AASHTO/AWS D1.5 BRIDGE WELDING CODE
- LFD OPERATING RATING: HS 46.3

Stacy Loeffler

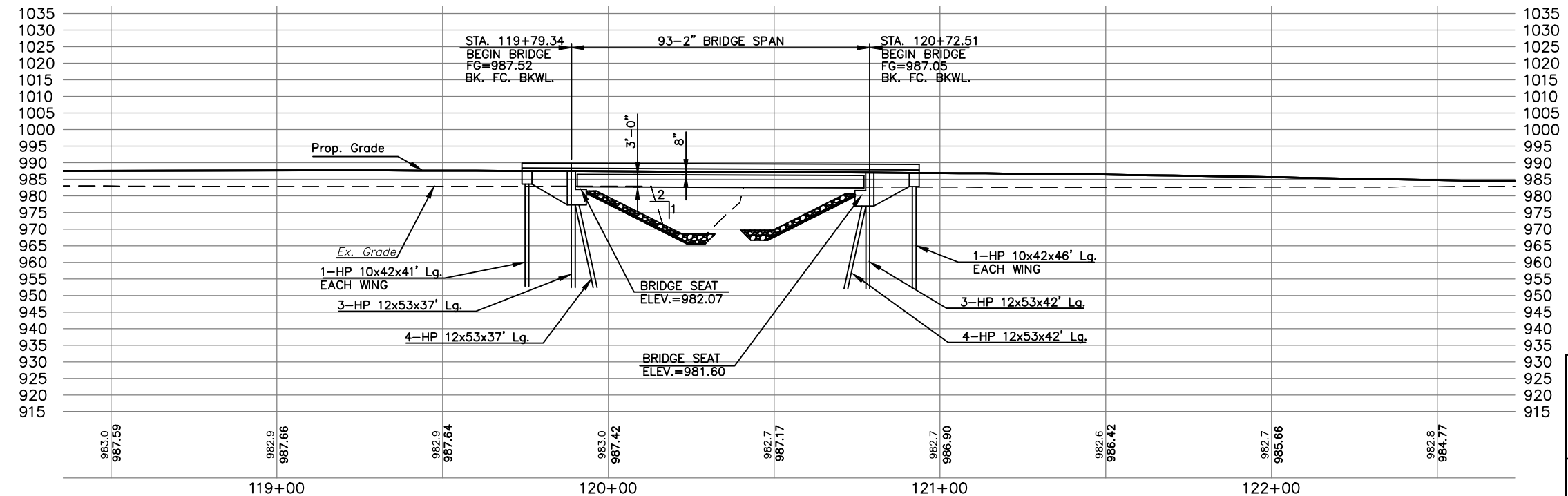
HYDROLOGY AND HYDRAULICS DESIGN
 STACY LOEFFLER
 REGISTERED PROFESSIONAL ENGINEER No. E-29929



GRADE DATA



Benchmark #403
 Set 1/2" Iron Pin w/ Concret Cap
 N=639483.1810
 E=2230517.4040
 Elevation=982.306



EW-18	KAY COUNTY	Design	.	.
GENERAL PLAN & ELEVATION CONSTRUCT 90' TY. III P.C. BEAM SPAN, 32 CLR. RDY. W/ CONCRETE TRAFFIC RAIL (TR3), @ STA. 120+25.92		Detail	.	.
		Check	.	.
STATE OF OKLAHOMA		Squadr. Engr.	.	.
DEPARTMENT OF TRANSPORTATION		Engr.	.	.
JOB PIECE NO. 28433(04)		SHEET NO. B002		