

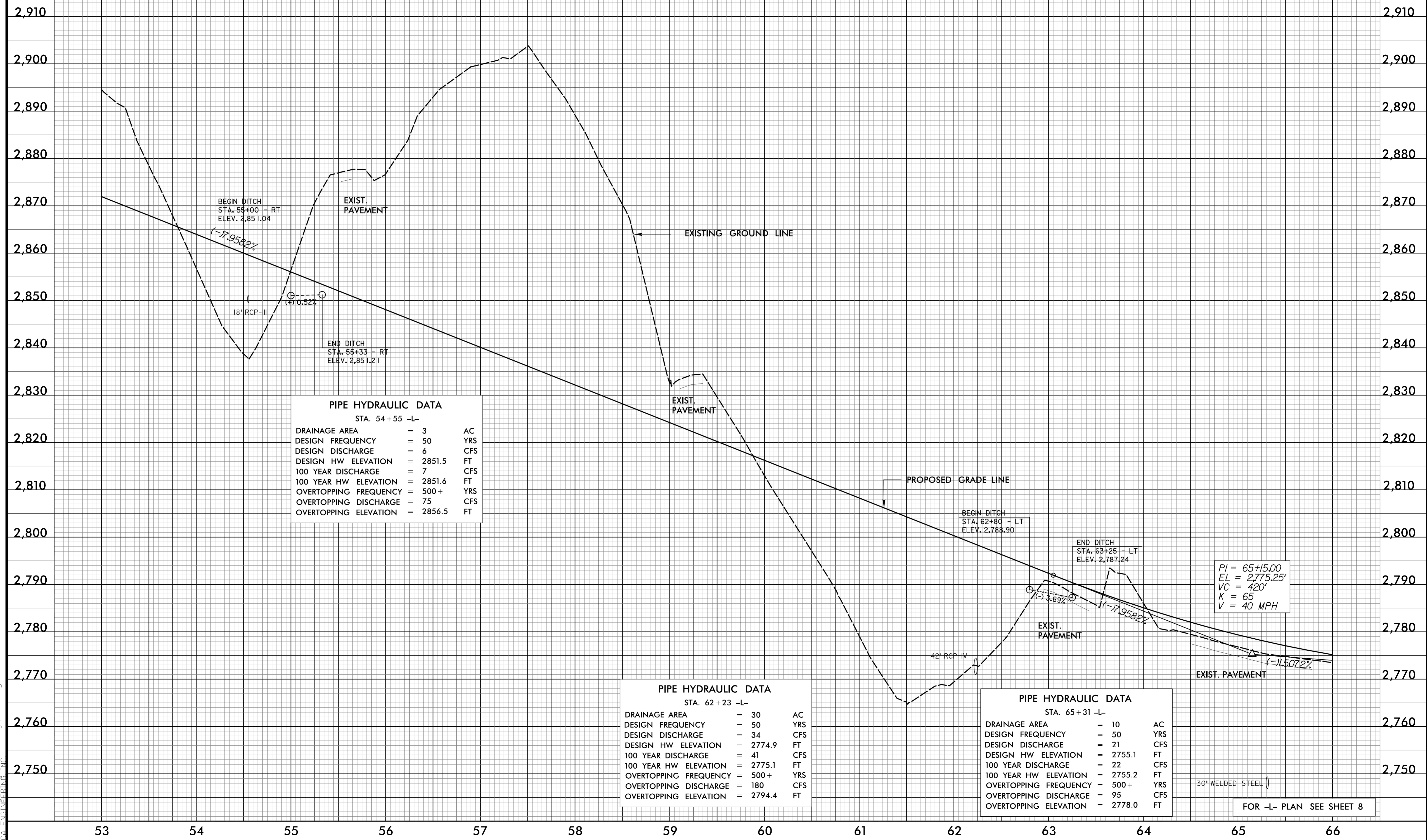
5/14/19



PROJECT REFERENCE NO. <i>R-2409C</i>	SHEET NO. <i>14</i>
ROADWAY DESIGN ENGINEER <i>DAVID C. WALLER</i>	HYDRAULICS ENGINEER <i>STACEY H. BAILEY</i>
SEAL 22606	SEAL 24451
DocuSigned by: David C. Waller 05/22/2015	DocuSigned by: Stacey H. Bailey 05/23/2015

-L-

BM #3
RR SPIKE IN BASE 12" OAK
-L- STA 56+03, OFFSET 372' RT
ELEV = 2866.40



PIPE HYDRAULIC DATA
STA. 54+55 -L-

DRAINAGE AREA	= 3	AC
DESIGN FREQUENCY	= 50	YRS
DESIGN DISCHARGE	= 6	CFS
DESIGN HW ELEVATION	= 2851.5	FT
100 YEAR DISCHARGE	= 7	CFS
100 YEAR HW ELEVATION	= 2851.6	FT
OVERTOPPING FREQUENCY	= 500+	YRS
OVERTOPPING DISCHARGE	= 75	CFS
OVERTOPPING ELEVATION	= 2856.5	FT

PIPE HYDRAULIC DATA
STA. 62+23 -L-

DRAINAGE AREA	= 30	AC
DESIGN FREQUENCY	= 50	YRS
DESIGN DISCHARGE	= 34	CFS
DESIGN HW ELEVATION	= 2774.9	FT
100 YEAR DISCHARGE	= 41	CFS
100 YEAR HW ELEVATION	= 2775.1	FT
OVERTOPPING FREQUENCY	= 500+	YRS
OVERTOPPING DISCHARGE	= 180	CFS
OVERTOPPING ELEVATION	= 2794.4	FT

PIPE HYDRAULIC DATA
STA. 65+31 -L-

DRAINAGE AREA	= 10	AC
DESIGN FREQUENCY	= 50	YRS
DESIGN DISCHARGE	= 21	CFS
DESIGN HW ELEVATION	= 2755.1	FT
100 YEAR DISCHARGE	= 22	CFS
100 YEAR HW ELEVATION	= 2755.2	FT
OVERTOPPING FREQUENCY	= 500+	YRS
OVERTOPPING DISCHARGE	= 95	CFS
OVERTOPPING ELEVATION	= 2778.0	FT

PI = 65+15.00
EL = 2,775.25'
VC = 420'
K = 65
V = 40 MPH

30" WELDED STEEL

FOR -L- PLAN SEE SHEET 8

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