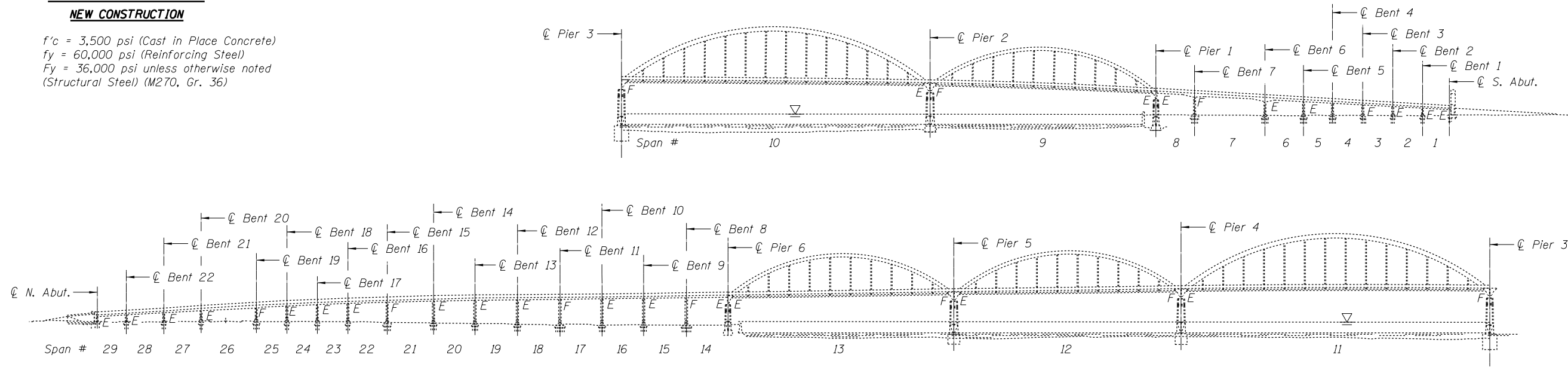


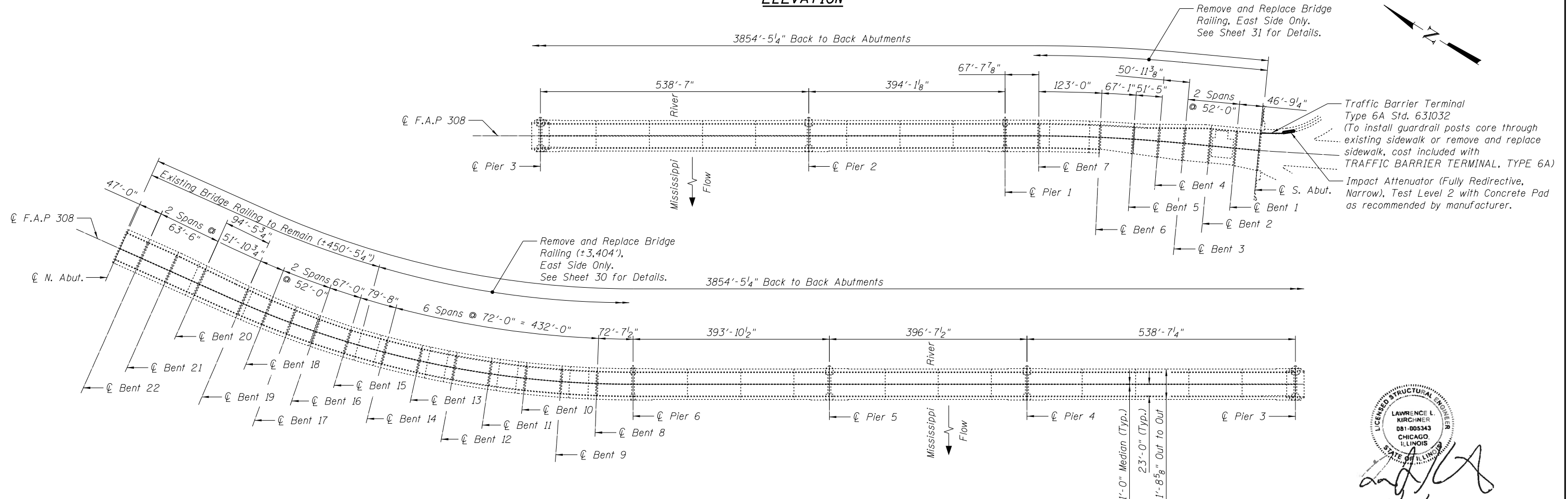
# DESIGN STRESSES

## NEW CONSTRUCTION

$f'_c = 3,500$  psi (Cast in Place Concrete)  
 $f_y = 60,000$  psi (Reinforcing Steel)  
 $F_y = 36,000$  psi unless otherwise noted  
 (Structural Steel) (M270, Gr. 36)



**ELEVATION**



**PLAN**

## DESIGN SPECIFICATIONS

2002 AASHTO Standard Specifications  
 for Highway Bridges, 17th Edition

LICENSED STRUCTURAL ENGINEER  
 LAWRENCE L. KIRCHNER  
 081-005343  
 CHICAGO, ILLINOIS  
 STATE OF ILLINOIS  
 11/24/2013  
 EXPIRES 11/30/2014

FILE NAME = I:\Projects\4015550\4015550\_0001\90\_CAD\_Models\_and\_Sheets\04\_CJ\_Bridge\0815905-64H28-001-DPE.dgn

	USER NAME = patrisjm	DESIGNED - MJK	REVISED	<b>STATE OF ILLINOIS</b> <b>DEPARTMENT OF TRANSPORTATION</b>	<b>GENERAL PLAN &amp; ELEVATION</b> <b>STRUCTURE NO. 081-9905</b>	F.A.P. RTE. = 308	SECTION = (3BRIM)	COUNTY = ROCK ISLAND	TOTAL SHEETS = 47	SHEET NO. = 14
	PLOT SCALE = 200:0.0000 ' / in.	DRAWN - MJK	REVISED			SHEET NO. = 1 OF 33 SHEETS	C-92-090-12	CONTRACT NO. 64H28	ILLINOIS FED. AID PROJECT	
	PLOT DATE = 11/26/2013	CHECKED - JAN	REVISED							