CONTRACT NO. 64C95

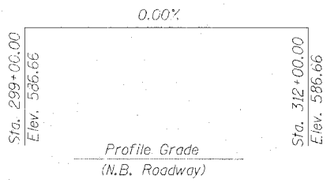
F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(81-37-2BR)M	HENRY	14	8
STA. 299+94		TO STA. 311+81		
FED. ROAD DIST. NO. _	ILLINOIS	FED. AID PROJECT		

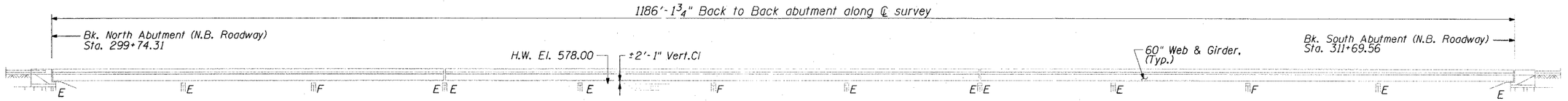
Sheet No. 1 of 7 sheets

T.B.M. No.3 Chiseled '□' on N.W. wingwall, north end of S.B. F.A.I. Rte. 80 bridge.
64' Rt. of Sta. 300+15.00 Elev. 588.15

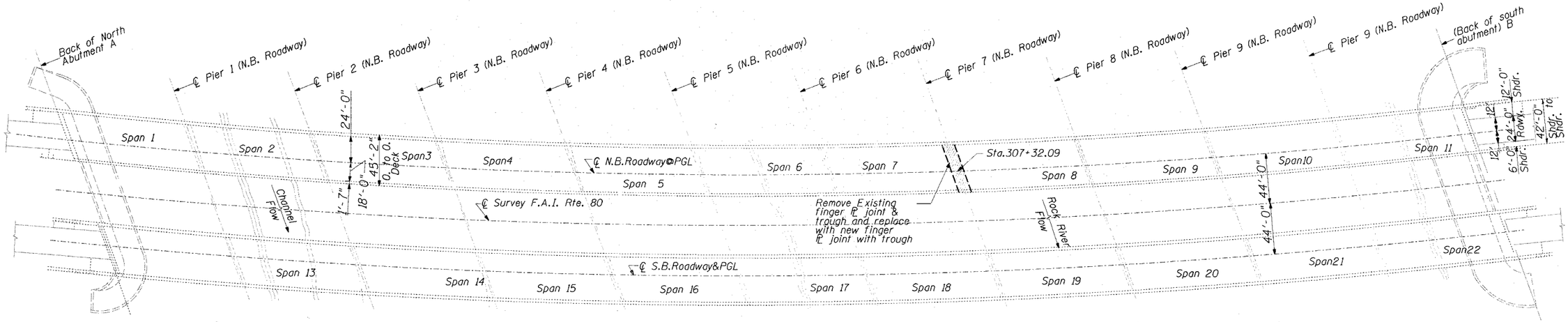
Horizontal Curve Data

℄ Survey F.A.I. Rte.80
Δ = 17°56'10"Lt.
D = 1°00'00"
R = 5729.65'
L = 1793.61'
T = 904.21'
E = 70.91'
P.C.Sta. = 294+90.89
P.I. Sta. = 303+95.10
P.T.T. Sta. = 312+84.50
Super. = 0.034 Ft./Ft.





ELEVATION



PLAN

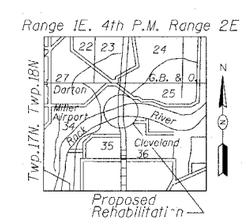
TOTAL BILL OF MATERIAL

ITEM	UNIT	QUANTITY
Concrete Removal	Cu. Yd.	11.6
Concrete Superstructure	Cu. Yd.	11.6
Reinforcement Bars, Epoxy Coated	Pound	940
Mechanical Splice	Each	104
Protective Coat	Sq. Yd.	26
Finger Plate Expansion Joint 6"	Foot	44

DESIGN STRESSES

NEW CONSTRUCTION

f'c = 3,500 psi
fy = 60,000 psi (reinforcement)
Fy = 50,000 psi Structural Steel M270 Grade 50



LOCATION SKETCH

PETER M. JOHNSTON 062-047647 REGISTERED PROFESSIONAL ENGINEER OF ILLINOIS
Exp. 11-30-07
12-20-06

STATE OF ILLINOIS ALBERT M. LUBINSKI 061-004921 MILWAUKEE, WI LICENSED STRUCTURAL ENGINEER
11-30-08

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.I ROUTE - 80
BRIDGE OVER ROCK RIVER
SECTION: (81-37-2BR)M
FINGERPLATE JOINT REPLACEMENT
S.N. 037-0022
GENERAL PLAN AND ELEVATION

SCALE:
DATE 12/22/06
DRAWN BY BM
CHECKED BY KW

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