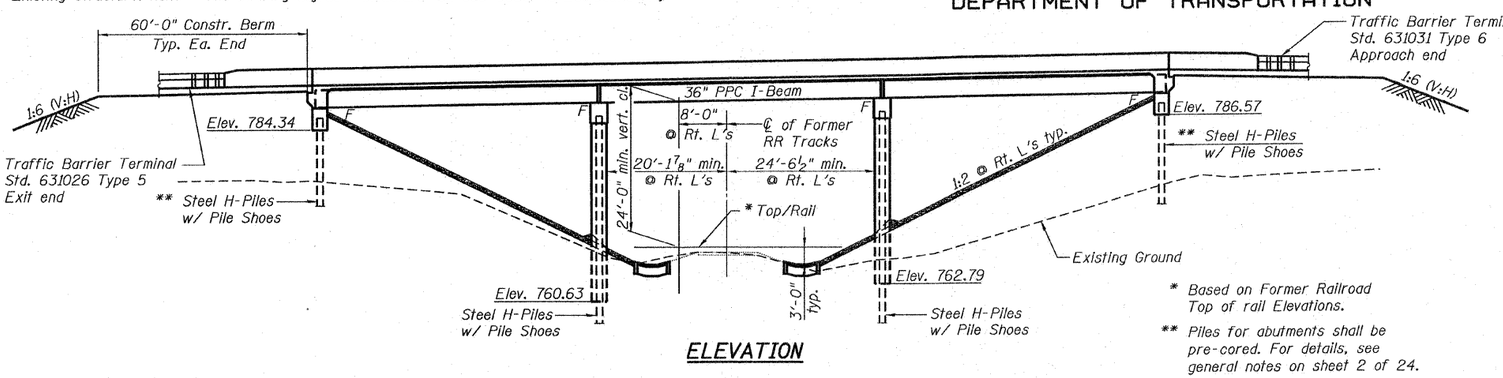
Bench Mark: Point # 62 Iron rod in cap. Sta. 574+18.79, Elev. 797.29, Offset 63.34 Right.
North = 2063790.44, East = 2432334.40.
Existing Structure: None The existing adjacent structure (SN 089-0055) is Eastbound only.

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAP 301	177-2	STEPHENSON	386	188
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT-		

SHEET NO. 1
24 SHEETS

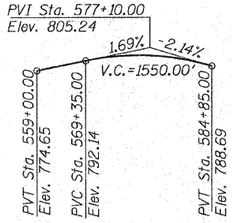
Contract No. 64799



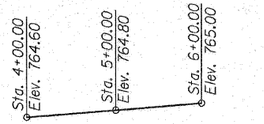
ELEVATION

* Based on Former Railroad Top of rail Elevations.

** Piles for abutments shall be pre-cored. For details, see general notes on sheet 2 of 24.



PROFILE GRADE
Along PG (Proposed WB)



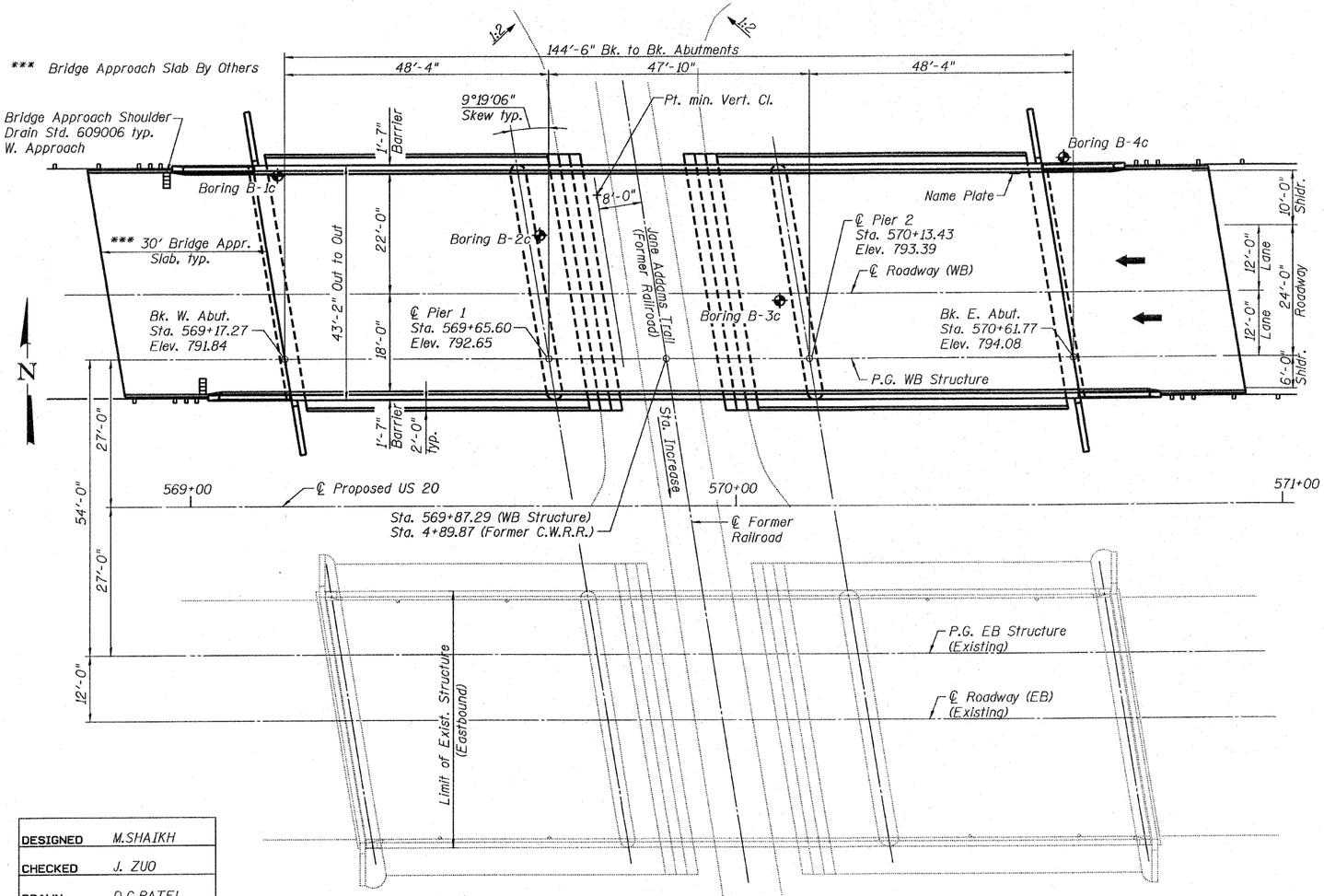
TOP OF RAIL ELEVATIONS FORMER CENTRAL WISCONSIN R.R.
(From Existing 1985 Design Plans)

LOADING HS20-44
Allow 50#/sq. ft. for future wearing surface

DESIGN SPECIFICATIONS
2002 AASHTO

DESIGN STRESSES
FIELD UNITS
f'c = 3,500 psi
f y = 60,000 psi (Reinforcement)
PRECAST PRESTRESSED UNITS
f'c = 6,000 psi
f'ci = 5,000 psi
f's = 270,000 psi (½" ϕ. low relaxation strands)
f si = 201,960 psi (½" ϕ. low relaxation strands)

SEISMIC DATA
Seismic Performance Category (SPC) = A
Bedrock Acceleration Coefficient (A) = 0.032g
Site Coefficient (S) = 1.0



PLAN

Mile Post #10
Sta. 10+00.00

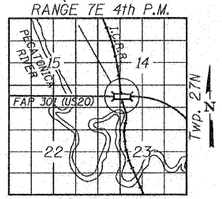
Note:
This corridor is preserved for future rail purposes by the South Central Wisconsin Rail Transit Commission and a minimum clearance of 24 feet 0 inches is provided over the potential future top of rail elevation.

APPROVED
FOR STRUCTURAL ADEQUACY ONLY
Ralph E. Anderson (TJO)
ENGINEER OF BRIDGES AND STRUCTURES

STATE OF ILLINOIS
JAMAL I. GRAINAWI
81-5161
CHICAGO, IL
LICENSED STRUCTURAL ENGINEER

Signed Jamal Grainawi
Jamal I. Grainawi, S.E. IL. Lic. No. 081-005161
Expires 11-30-2010
Date 1/25/2010

Proposed Structure
(Westbound Lanes)



LOCATION SKETCH

DESIGNED	M.SHAIKH
CHECKED	J. ZUO
DRAWN	D.C.PATEL
CHECKED	J.GRAINAWI

PB PARSONS BRINCKERHOFF

GENERAL PLAN AND ELEVATION
U.S. ROUTE 20 OVER
JANE ADDAMS TRAIL
F.A.P. ROUTE 301 SECTION 177-2VB-1
STEPHENSON COUNTY
STATION 569+87.29
STRUCTURE NO. 089-0083

T:\16814A\Struct\Cadd\Prelim\US20 Bridge 089-0083 (Jane Addams Trail Bridge)\000000-64799-000-000-001.dgn
25-JAN-2010 14:25