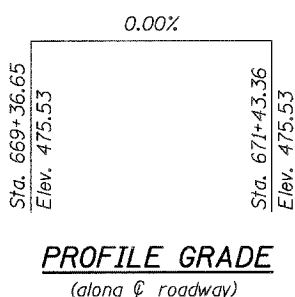
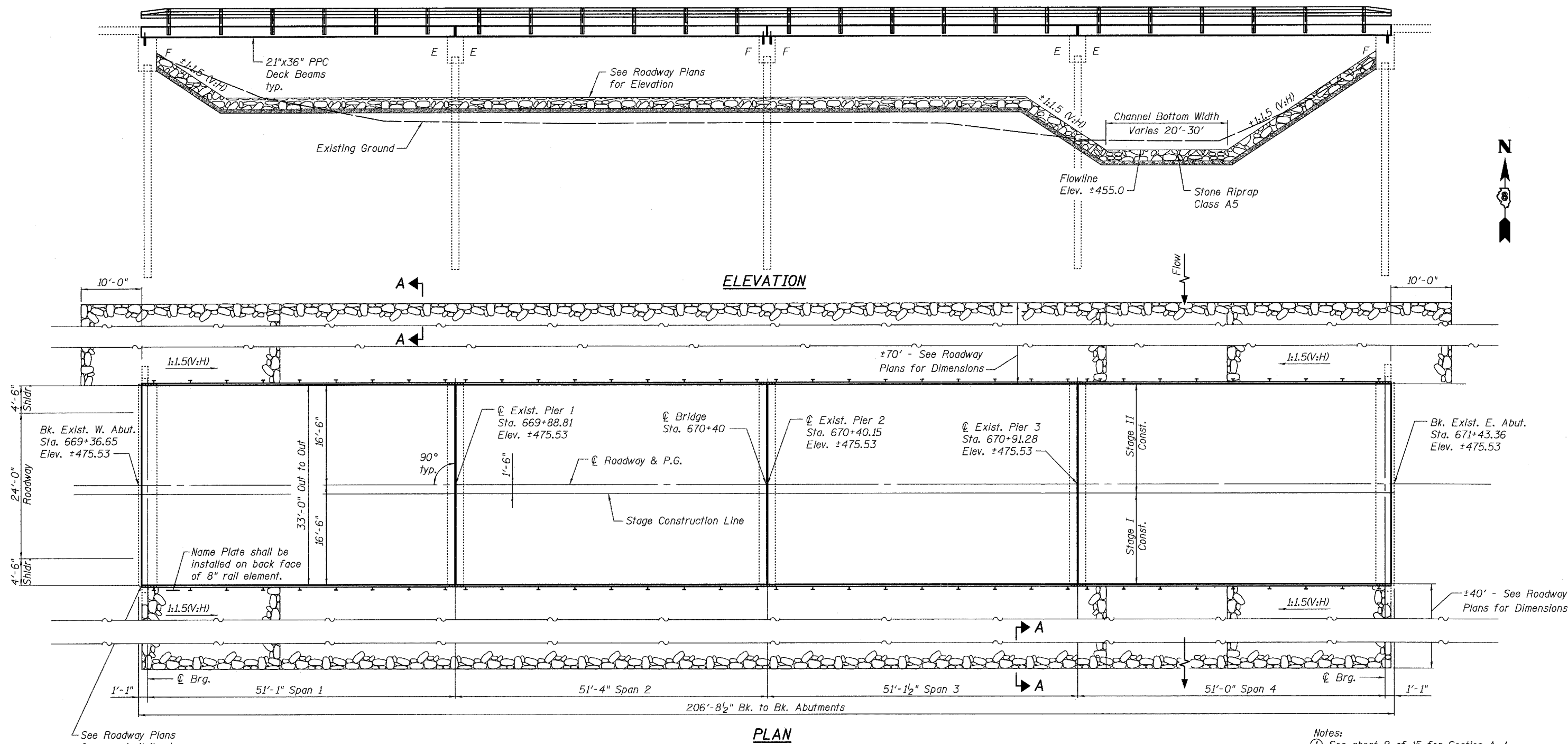


Bench Mark: Right of way marker 41.58 ft. Right of Sta. 669+48.55, Elevation 464.15.
 Existing Structure: S.N. 003-0035 was rebuilt in 1978 as FA Route 793, Section 112-BR-1 at Sta. 670+40.
 The structure consists of 4 spans of PPC deck beams on pile bent abutments and piers. The bk. to bk. of abutments measures 206'-8 1/2" while the out to out width measures 33'-0". Bridge superstructure shall be removed and replaced with new beams and reinforced concrete wearing surface. Partial road closure with a signalized one lane crossing will be used during construction.
 No salvage of existing deck beams.

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	LISTED SHEETS	SHEET NO.	SHEET NO. 1
F.A.P. RTE. 793	112BR-2	BOND	52	29	15 SHEETS
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT-			

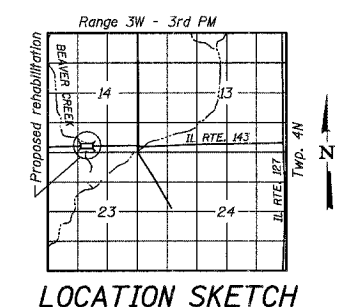
Contract #76897



LOADING HS20-44
 No allowance for future wearing surface.
DESIGN SPECIFICATIONS
 2002 AASHTO

DESIGN STRESSES
FIELD UNITS
 $f_c = 5,000$ psi (concrete wearing surface)
 $f_c = 3,500$ psi (concrete structures)
 $f_y = 60,000$ psi (reinforcement)
 $f_y = 36,000$ psi (structural steel)
PRECAST PRESTRESSED UNITS
 $f_c = 5,000$ psi
 $f_{ci} = 4,000$ psi
 $f_s = 270,000$ psi (1/2" low lax. strands)
 $f_{si} = 201,960$ psi (1/2" low lax. strands)

STATION 670+40
 RE-BUILT 200 BY
 STATE OF ILLINOIS
 FAP ROUTE 793 - SEC 112BR-2
 LOADING HS20
 STR. NO. 003-0035
NAME PLATE
 See Std. 515001



Plans Prepared By:
Oates Associates, Inc.

 4/30/07
 EXPIRES 11/30/08

GENERAL PLAN & ELEVATION
IL ROUTE 143 OVER BEAVER CREEK
F.A.P. ROUTE 793 - SECTION 112BR-2
BOND COUNTY
STA. 670+40
STRUCTURE NO. 003-0035

Notes:
 ① See sheet 2 of 15 for Section A-A.