

Bench Mark: Chiseled "□" on top of W. side of S. abut. of S.N. 029-0004 (Spoon River Bridge) Elev. 480.75 (146.533)

Existing Structure: None.

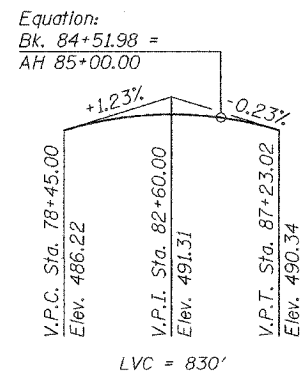
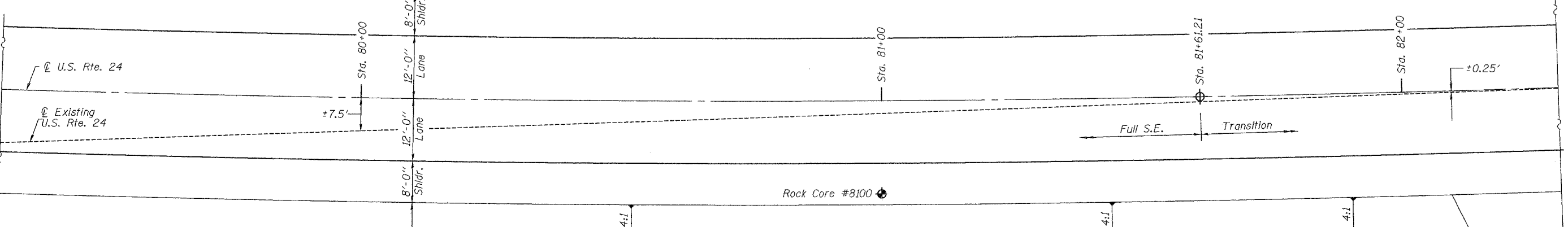
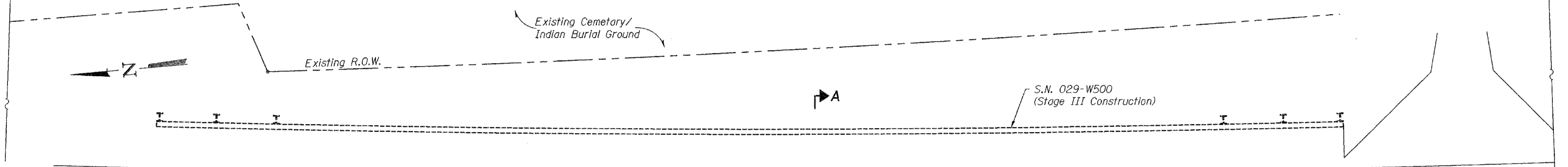
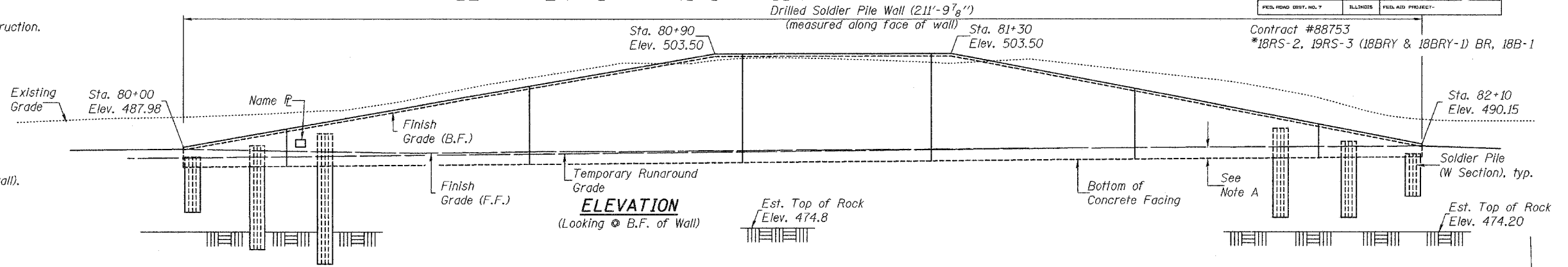
Note: Retaining wall to be built during Stage I Construction.

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.P. 315	#	FULTON	239	9 SHEETS
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT-		

Contract #88753
*18RS-2, 19RS-3 (18BRY & 18BRY-1) BR, 18B-1

Note A:
Bottom of concrete facing will be at least 2'-0" below finish grade at front of wall and at least 1'-0" below top of temporary shoulder (at front of wall).



PROFILE GRADE
(along @ roadway)

DESIGNED	Paul F. German
CHECKED	Stephen M. Ryan
DRAWN	WDC & BMC
CHECKED	sur SEM

EXAMINED *Thomas J. ...* 2005
PASSED *Ralph C. ...*
ENGINEER OF BRIDGE DESIGN
ENGINEER OF BRIDGES AND STRUCTURES



EXPIRES 11-30-2006

CURVE DATA

(U.S. Rte. 24)
P.I. Sta. = 71+34.68
 $\Delta = 28^\circ - 53' - 55.60''$ (LT)
 $D = 1^\circ - 15' - 23.35''$
 $R = 4,560.00'$
 $T = 1,175.00'$
 $L = 2,299.97'$
 $E = 148.95'$
 $e = 3.3\%$
 $T.R. = 41.28' \& 27.93'$
 $S.E. Run = 196.85'$
 $P.C. Sta. = 59+59.68$
 $P.T. Sta. = 82+59.68$
 $S.E. Transition = 81+61.21$
 $Normal Crown = 83+86'$

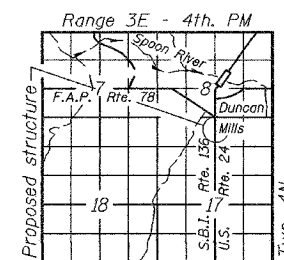
PLAN

For Section A-A, see sheet 2 of 9.

DESIGN SPECIFICATIONS
2002 AASHTO

DESIGN STRESSES

FIELD UNITS
 $f'_c = 3,500$ psi
 $f_y = 60,000$ psi (reinforcement)
 $f_y = 50,000$ psi (AASHTO M270 Gr. 50) (for soldier piles)



LOCATION SKETCH

GENERAL PLAN
U.S. ROUTE 24
F.A.P. RTE. 315 - SEC. 18RS-2, 19RS-3,
(18BRY & 18BRY-1) BR, 18B-1
FULTON COUNTY
RT. STATION 80+00 to 82+10
STRUCTURE NO. 029-W501