

BENCH MARK

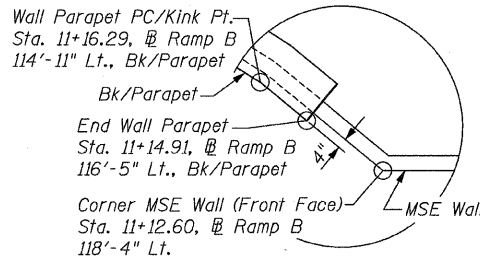
CP#35, Iron Pin w/Cap, Sta. 502+30.81, 37.37' Rt, El. 582.812

EXISTING STRUCTURE

Bridge S.N. 060-0139 was built in 1956 as U. S. Route 40 Bypass over F. A. Route 190 (U. S. Route 66). It was widened and the deck reconstructed in 1978. The four span structure was built on concrete piles at the abutments and timber piles at the piers. The back to back abutment length is 194'-0" and the deck is 75'-2" out to out.

During construction of the new structure, staged construction will be utilized to maintain one lane of traffic in each direction.

No salvage.



DETAIL 2

DESIGN STRESSES

FIELD UNITS
 $f'_c = 3,500$ psi (concrete)
 $f_y = 60,000$ psi (reinforcement)

PRECAST UNIT
 $f'_c = 4,500$ psi (precast panels)

DESIGN SPECIFICATION
 2002 AASHTO Std. Spec, 17th edition

NOTE

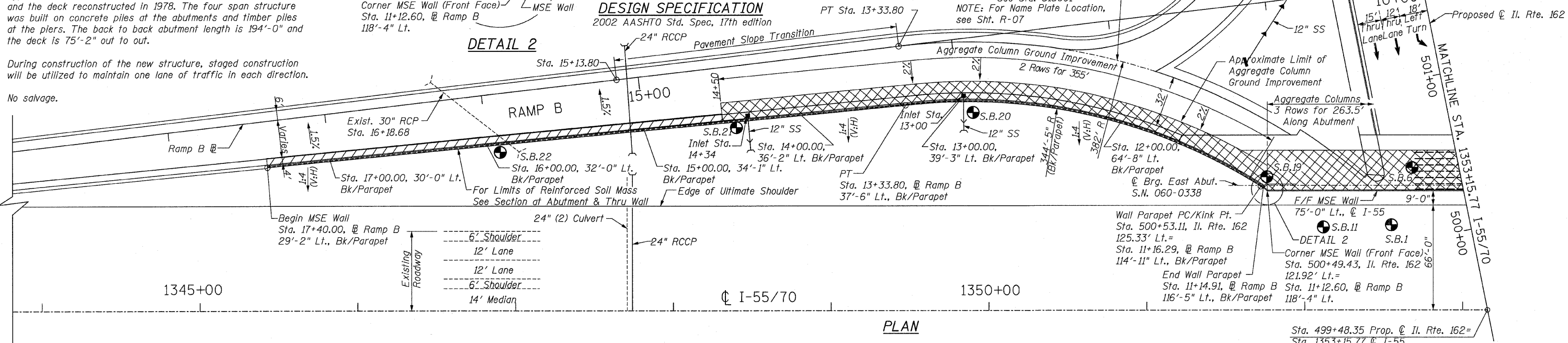
Wall is Built in Conjunction with New Bridge, S.N. 060-0338.

STATION 22+50
 BUILT 200_ BY
 STATE OF ILLINOIS
 F.A.I. RT. 70
 SEC. 60-10K-1, 60-10HB
 LOADING HS20
 STR. NO. 060-W006

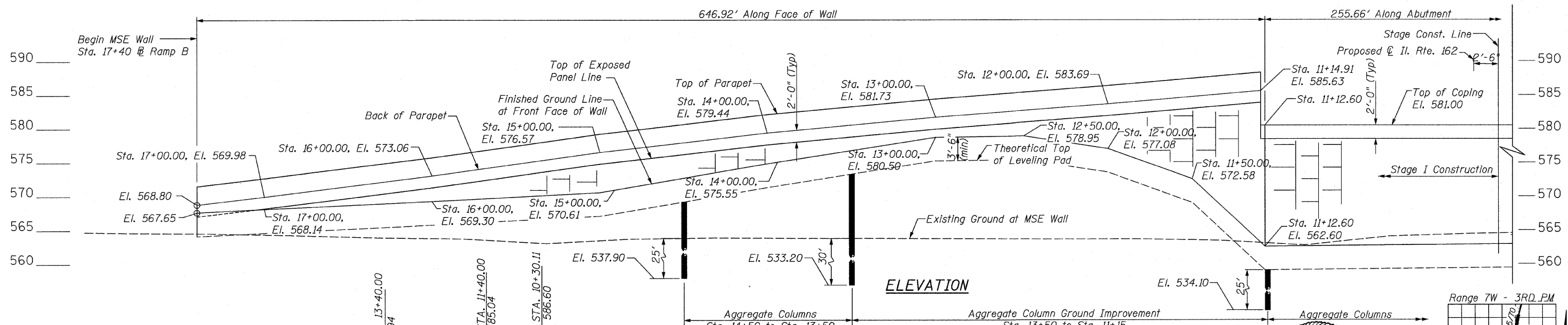
NAME PLATE

See Std. 515001
 NOTE: For Name Plate Location, see Sht. R-07

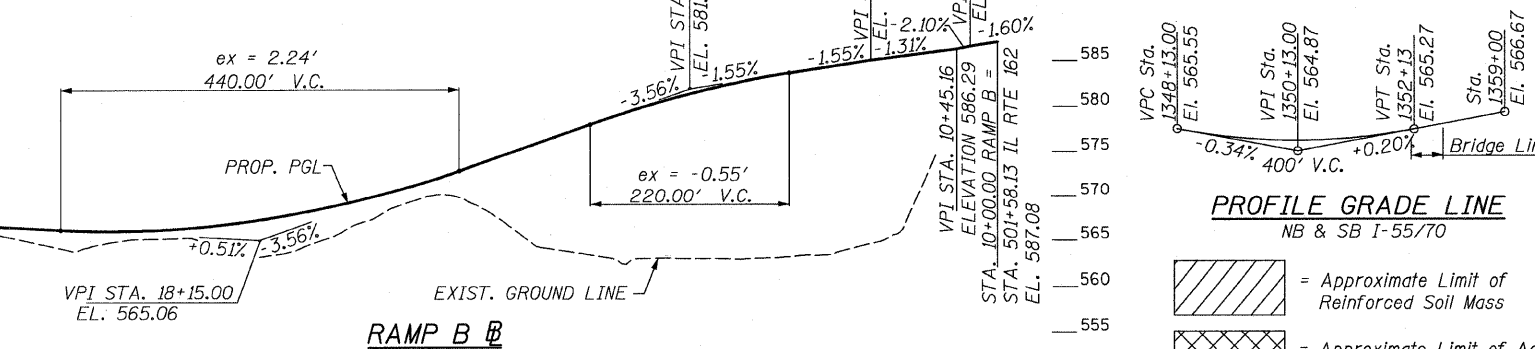
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
70		MADISON	420	301
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
		60-10K-1, 60-10HB CONTRACT NO. 76709		



PLAN



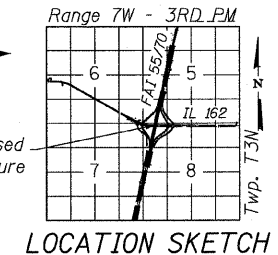
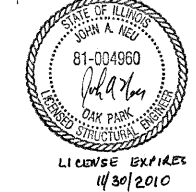
ELEVATION



PROFILE GRADE LINE
 NB & SB I-55/70

- = Approximate Limit of Reinforced Soil Mass
- = Approximate Limit of Aggregate Column Ground Improvement & Reinforced Soil Mass

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



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 IL ROUTE 162 OVER I-55/70 IN TROY
 F.A.I. ROUTE 70 SECTION 60-10K-1, 60-10HB
 MADISON COUNTY STA. 17+40 TO STA. 22+50
 STRUCTURE NO. 060-W006
GENERAL PLAN I
 DATE: 05/2006
 DRAWN: AWH
 CHECKED: JAN



Sht. R-01 of R-13