

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.

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

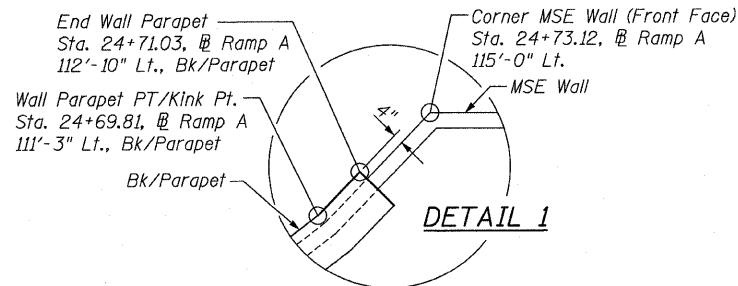
NOTE

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

STATION 18+50
 BUILT 200 BY
 STATE OF ILLINOIS
 F.A.I. RT. 70
 SEC. 60-10K-1, 60-10HB
 LOADING HS20
 STR. NO. 060-W004

NAME PLATE

See Std. 515001
 NOTE: For Name Plate Location, see Sht. R-04



F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
70		MADISON	420	287
STA. TO STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
60-10K-1, 60-10HB		CONTRACT NO. 76709		

