

Benchmark: BM #11 Cut "□" in the Northeast corner of a handhole concrete base at the Northeast corner of IL Route 47 and Main Street. Elev = 889.936

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	SHEET NO. 1
FAP 326	★	McHENRY	502	348	5 SHEETS
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT-			

Contract No. 62882
★(105X & 106) WRS-2

DESIGN SPECIFICATIONS

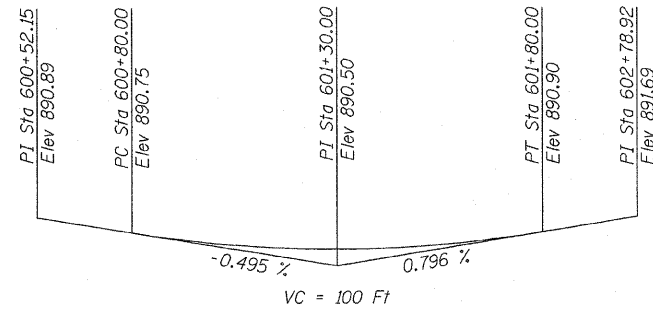
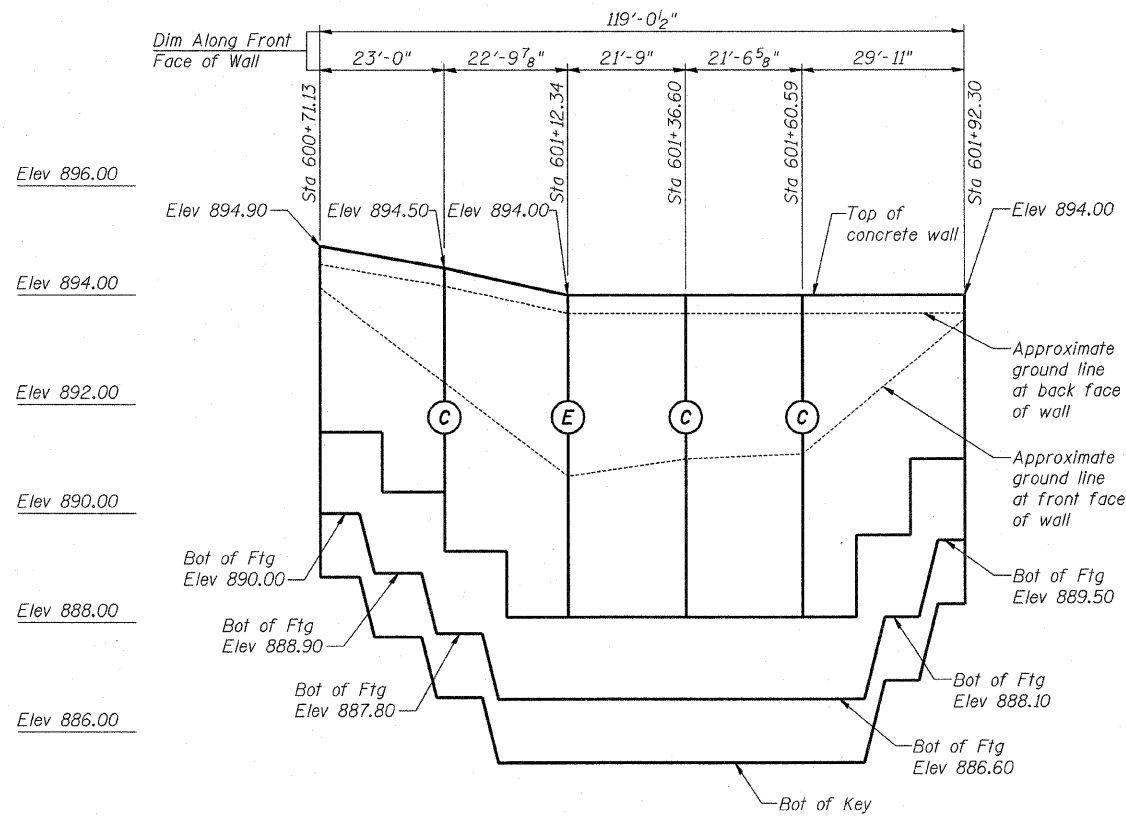
AASHTO 2002 Standard Specification
for Highway Bridges.

DESIGN STRESSES

$f'_c = 3,500$ PSI
 $f_y = 60,000$ PSI
Maximum Allowable Soil Bearing Pressure = 2,000 PSF

LEGEND:

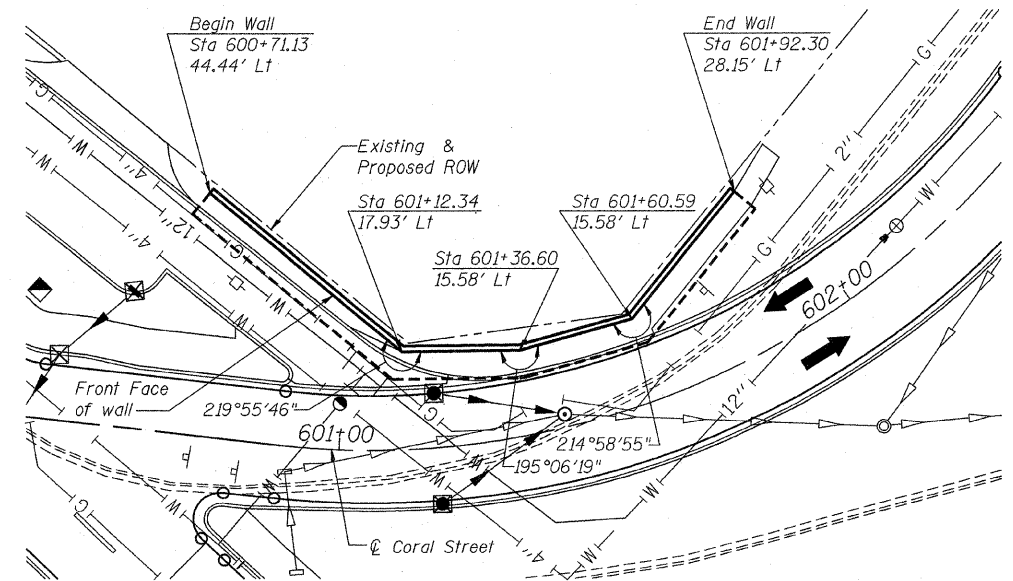
- (E) Expansion Joint in wall stem.
(See Sheet 5 of 5 for detail)
- (C) Construction Joint in wall stem
or footing. (See Detail on Sheet 5 of 5)
- G— 2" x 2" Existing Gas
- W— 4" x 4" Existing Watermain
- W— 12" Proposed Watermain
- S— Existing Storm drainage
- S— Proposed Storm drainage
- Existing Sign
- Existing Power Pole



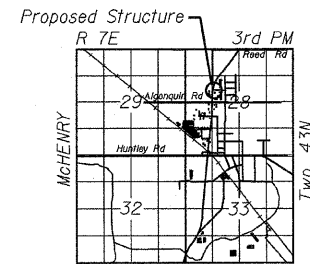
PROFILE GRADE CORAL STREET

HORIZONTAL CURVE DATA

(Curve P CRL-1)
 $\Delta = 63^\circ 24' 01.41''$ (Lt)
 $D = 36^\circ 57' 54.32''$
 $T = 95.73'$
 $L = 171.51'$
 $E = 27.18'$
 $R = 155.00'$
 $S.E. = 0.020 \%$
 $P.C. = Sta. 600+89.00$
 $P.T. = Sta. 602+60.51$
 $P.I. = Sta. 601+84.73$



PLAN



LOCATION SKETCH



GENERAL PLAN & ELEVATION
IL ROUTE 47
CORAL STREET RETAINING WALL
F.A.P. 326-SECT.(105X & 106) WRS-2
McHENRY COUNTY
STATION 601+36.60

DESIGNED	DSE
CHECKED	BG
DRAWN	RTT
CHECKED	BG
DATE:	Aug. 5, 2009