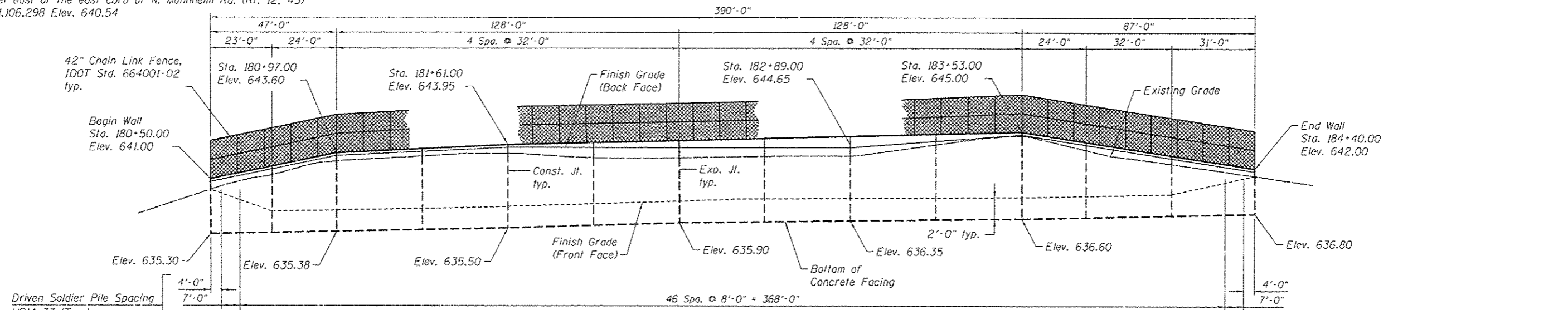


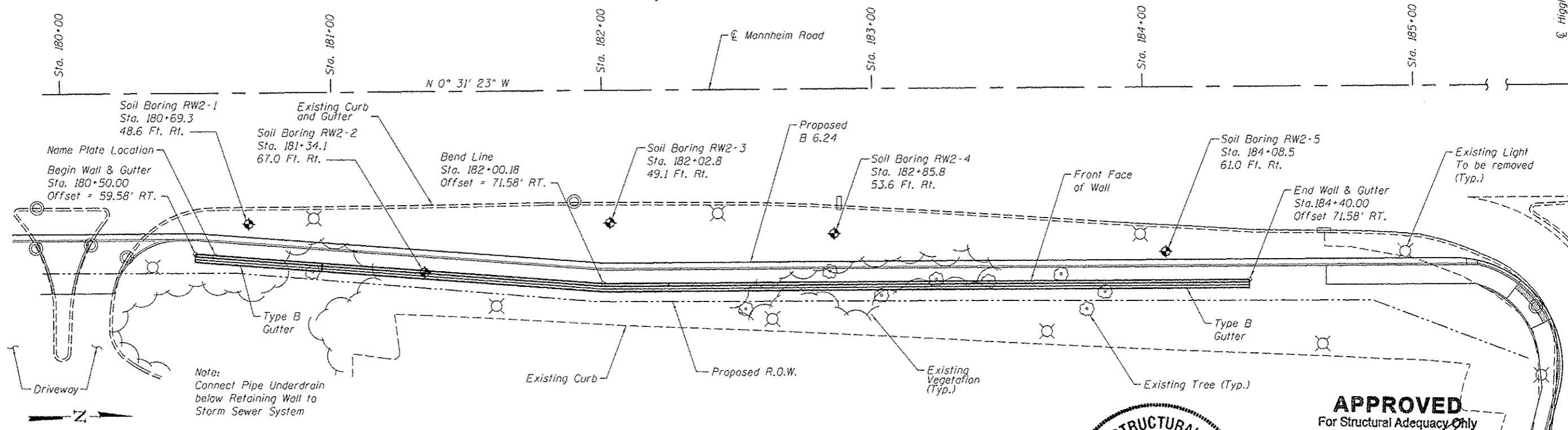
BENCH MARKS

TBM "C" "East Flange Bolt of top flange of fire hydrant that reads #6 and #0 stamped into steel tag. Fire Hydrant is ±340 feet north of Zemke Blvd. and about 8 feet east of the east curb of N. Mannheim Rd. (Rt. 12, 45) N 1.941,439 E 1.106,298 Elev. 640.54

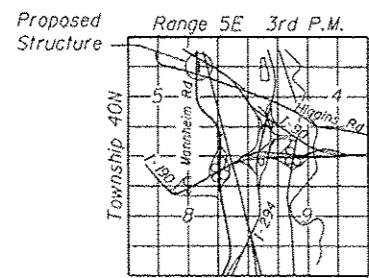


DEVELOPED ELEVATION

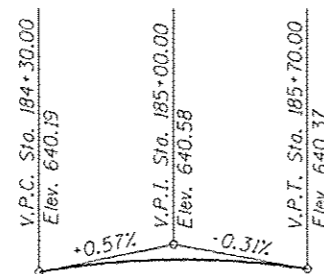
(Looking at Back Face of Wall)



PLAN



LOCATION SKETCH



PROFILE GRADE
(along Mannheim Rd.)

DESIGN SPECIFICATIONS
2010 AASHTO LRFD Bridge Design Specifications
with 2010 Interims

DESIGN STRESSES
FIELD UNITS

$f'_c = 3,500$ psi
 $f_y = 60,000$ psi (Reinforcement)
 $f_y = 50,000$ psi (M270 Grade 50)

STATION 180+50.00
BUILT 201 BY
STATE OF ILLINOIS
F.A.P. RTE. 330
SECTION 0105-WRS
STRUCTURE NO. 016-2010

NAME PLATE
See Std. 515001



APPROVED
For Structural Adequacy Only

Stephen E. Alsbury
Engineer of Bridges & Structures

GENERAL PLAN & ELEVATION
MANNHEIM ROAD
F.A.P. RTE. 330 - SEC. 0105-WRS
COOK COUNTY
STATION 180+50.00 TO 184+40.00
STRUCTURE NO. 016-2010

9901 S. Western Ave.
Chicago, IL 60643
Ph. 773-881-4788



USER NAME	DESIGNED - SEA	REVISIONS
CHECKED - CJE	REVISIONS	
PLOT SCALE	DRAWN - SCS	REVISIONS
PLOT DATE - 10/19/2012	CHECKED - SEA	REVISIONS

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SHEET NO. 1 OF 10 SHEETS

F.A.P. RTE. 330	SECTION 0105-WRS	COUNTY COOK	TOTAL SHEETS 537310	SHEET NO.
			CONTRACT NO. 60P35	
[ILLINOIS] FED. AID PROJECT				