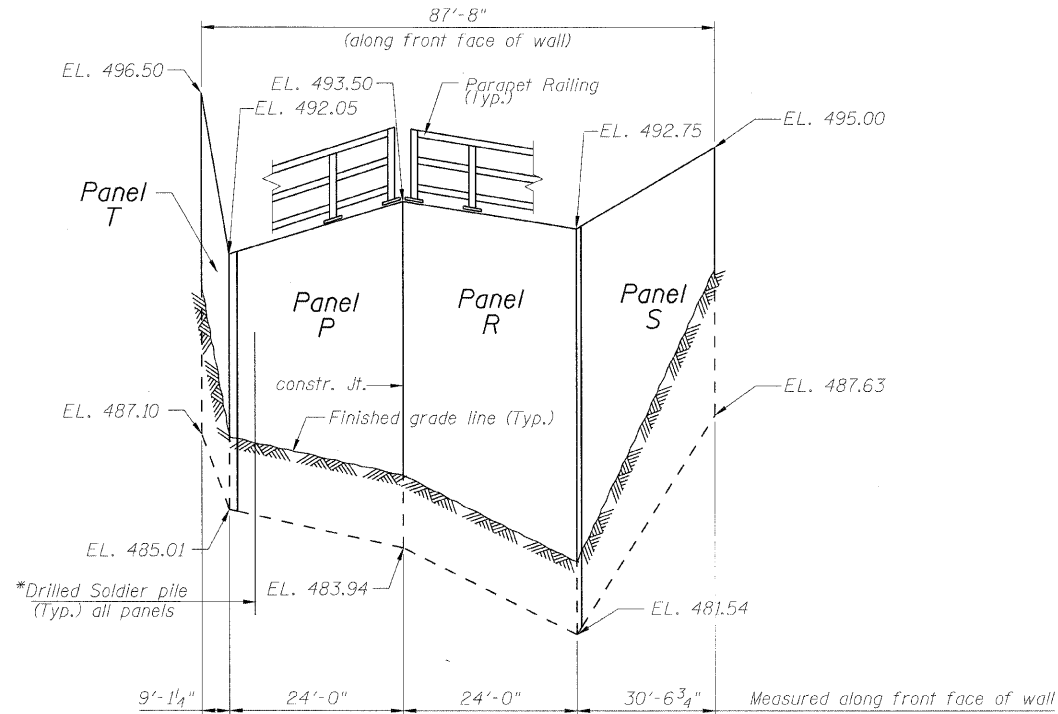


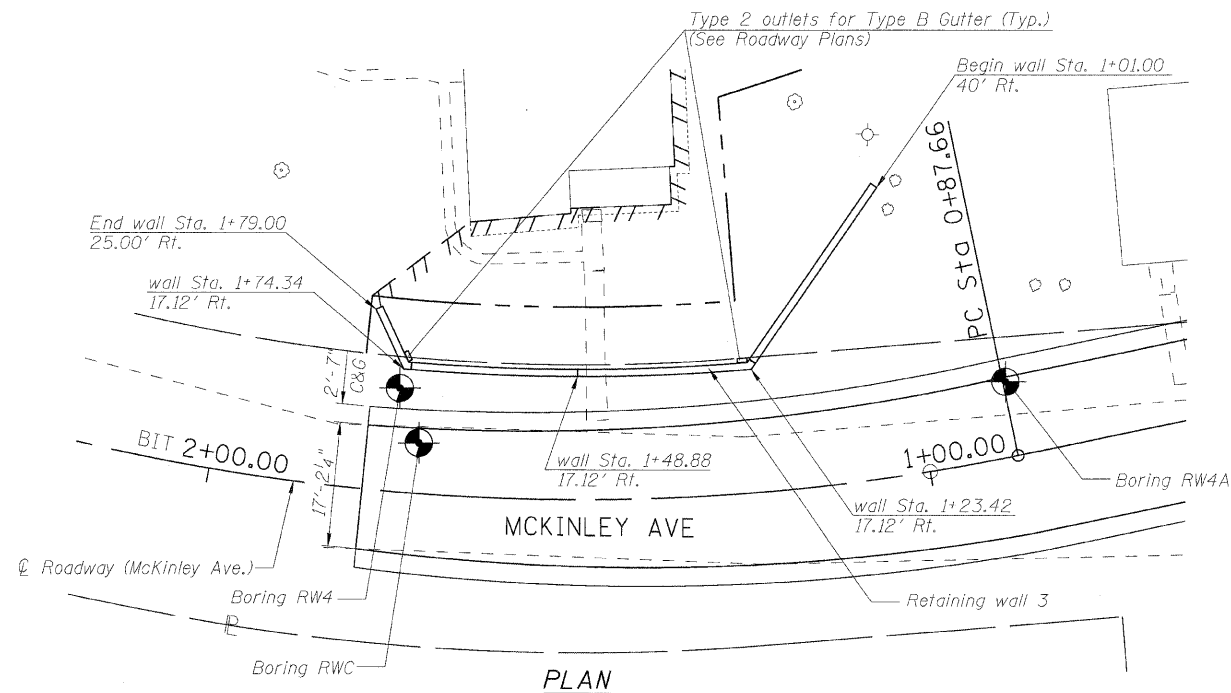
B.M. - # 114 Chiseled \square on center of N. Headwall for concrete box culvert, located on W. side of IL Rte. 159 in "Buff Truck outfitters" parking lot across from historical landmark "Catsup Bottle" Elev. 475.811

Existing Structure: None

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION



ELEVATION



PLAN

LEGEND

TTTTTTTTTTTTTTTT	Temporary Easement
////////////////////	Permanent Easement
-----	Proposed ROW
-----	Existing ROW

* See sheets 3,4 & 6 of 8 for soldier pile locations & tip elevations.

PROP. CURVE MCKINLEY AVE
PI STA. = 1+80.79
 $\Delta = 34^\circ 29' 34''$ (RT)
 $D = 19^\circ 05' 55''$
 $R = 300.00'$
 $T = 93.13'$
 $L = 180.60'$
 $E = 14.12'$
 $e = NC$
 $T.R. = N/A$
 $S.E. RUN = N/A$
 $P.C. STA = 0+87.66$
 $P.T. STA = 2+68.26$

INDEX OF SHEETS

1. General Plan
2. General Notes, Cross section & Total Bill of Material
3. Panels P & R
4. Panels S & T
5. Soldier pile wall details
6. Soldier pile wall data
7. Parapet Railing
8. Boring Logs

DESIGN SPECIFICATIONS
2002 AASHTO Standard Specifications for Highway Bridges

DESIGN STRESSES

FIELD UNITS
 $f'_c = 3,500$ psi
 $f_y = 60,000$ psi (Reinforcement)
 $f_y = 36,000$ psi (soldier piles)

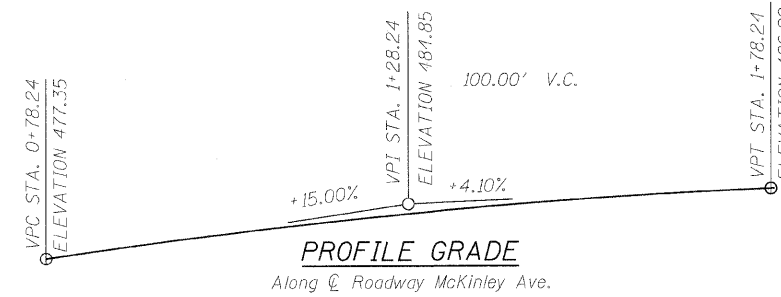
APPROVED
FOR STRUCTURAL ADEQUACY ONLY

Ralph E. Anderson (T) P.E.
ENGINEER OF BRIDGES AND STRUCTURES



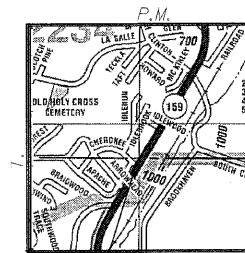
Expires: 11/30/2010

M. J. Karshenas 1-28-2010



PROFILE GRADE

Along ϕ Roadway McKinley Ave.



PROPOSED WALL 3 - R.

LOCATION SKETCH

MID-AMERICA ENGINEERING SERVICES

GENERAL PLAN
IL RTE. 159
FAP ROUTE 600 SEC. 60-(30,31,128)-1
MADISON COUNTY
MCKINLEY AVE STA. 1+01.00 TO STA. 1+79.00

DESIGNED - KRG
CHECKED - MJK
DRAWN - GSJ
CHECKED - MJK

SHEET NO. 1	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8 SHEETS	600	60-(30,31,128)-1	Madison	399	273
RETAINING WALL 3			CONTRACT NO. 76830		
FED. ROAD DIST. NO. - ILLINOIS FED. AID PROJECT					