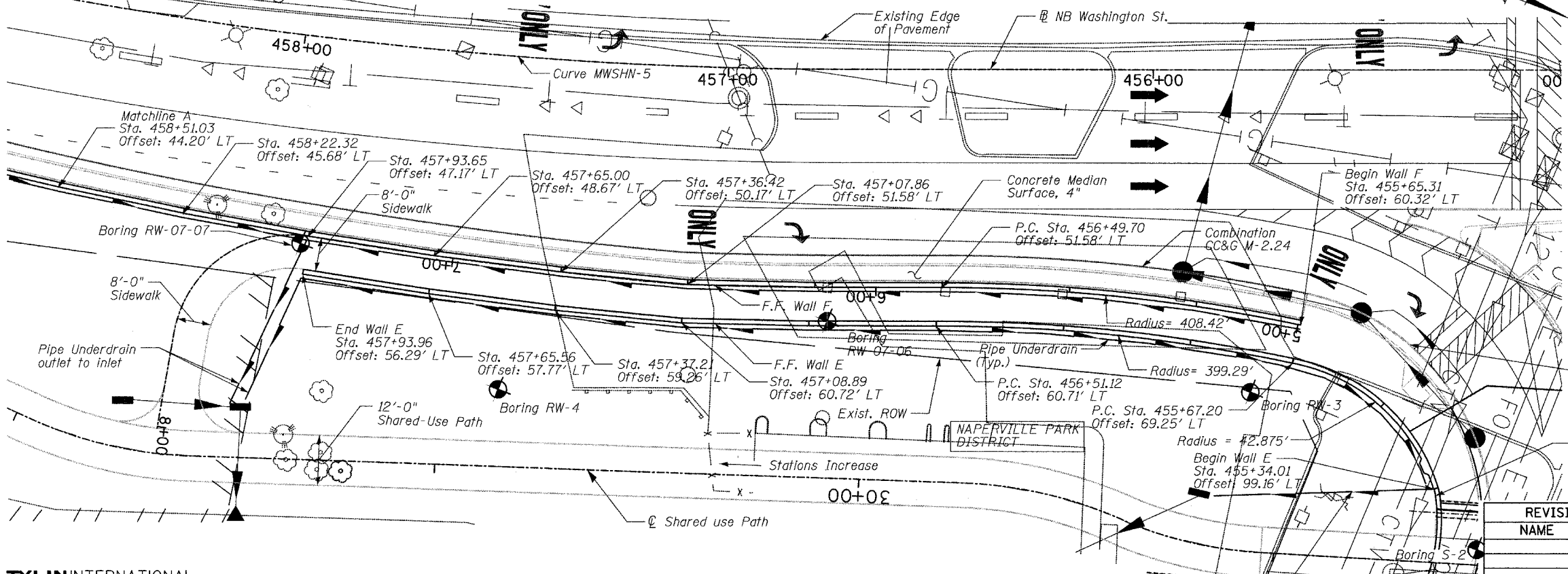
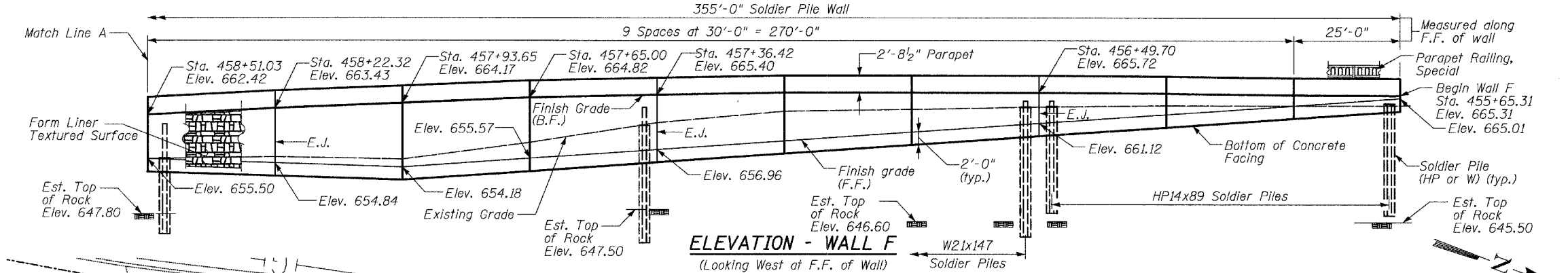
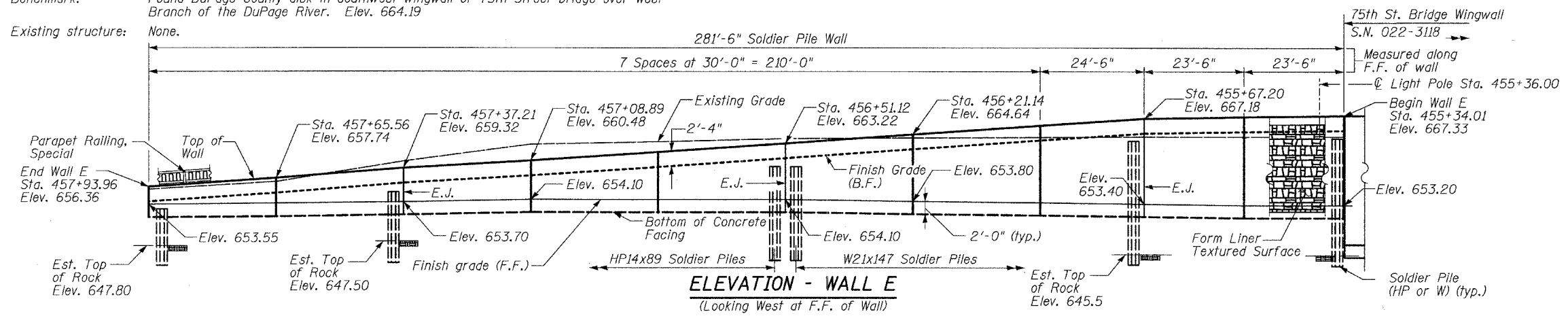


Benchmark: Found DuPage County disk in southwest wingwall of 75th Street bridge over West Branch of the DuPage River. Elev. 664.19

Existing structure: None.

FAU ROUTE NO.	SECTION	COUNTY	SHEET NO.	SHEET NO. - 1
2552		DUPAGE	563	30 - SHEETS
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT-		
00-00114-00-PV		CONTRACT NO. 63024		



**DESIGN STRESSES**

**FIELD UNITS**  
f'c = 3,500 psi  
fy = 60,000 psi (reinf.)  
fy = 36,000 psi (AASHTO M270 grade 36)

**DESIGN SPECIFICATIONS**  
2002 AASHTO

**Curve MWSHN-5**  
PI Sta. 457+71.86  
Δ = 11° 10' 00" (RT)  
D = 5° 33' 07"  
T = 100.89'  
R = 1,032.00'  
L = 201.13'  
E = 4.92'  
PC Sta. 456+70.97  
PT Sta. 458+72.11  
SE = 4.83%

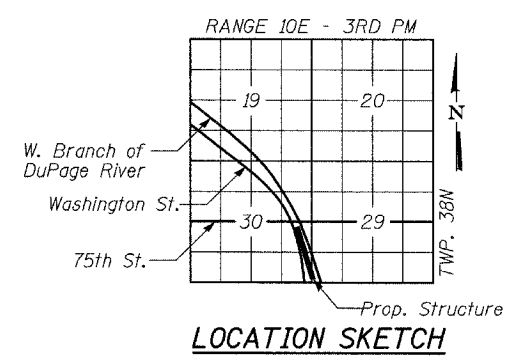
Begin SE Trans Sta. 454+79.97  
Begin Full SE Sta. 457+39.97  
End Full SE Trans Sta. 458+03.11  
End SE Trans Sta. 462+15.11

- NOTES:**
- Offsets are measured from the NB Washington St. to the Front Face of wall.
  - F.F. - Front Face
  - B.F. - Back Face
  - See Sheet 3 for profile data.

Signed *[Signature]*  
Spirios Pantazis, S.E., Ill. Lic. No. 081-006448 Expires 11-30-2008. For drawings 1 thru 30  
Date 4/11/08

STATE OF ILLINOIS  
SPIRIOS PANTAZIS  
081-006448  
CHICAGO, ILLINOIS  
LICENSED STRUCTURAL ENGINEER

I certify that to the best of my knowledge, information and belief, this bridge design is structurally adequate for the design loading shown on the plans. The design is an economical one for the style of structure and complies with requirements of the current "AASHTO Standard Specifications of Highway Bridges".



**TYLIN INTERNATIONAL**

DESIGNED	- PL
CHECKED	- SP
DRAWN	- PL
CHECKED	- SP

REVISIONS	NAME	DATE

**WALLS E & F  
GENERAL PLAN - 1**

WASHINGTON - 75TH STREET  
F.A.U. ROUTE 2552  
SECTION 00-00114-00-PV  
DUPAGE COUNTY