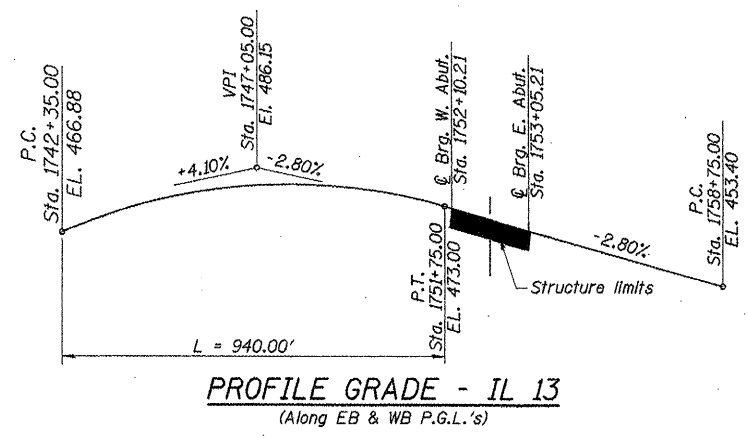
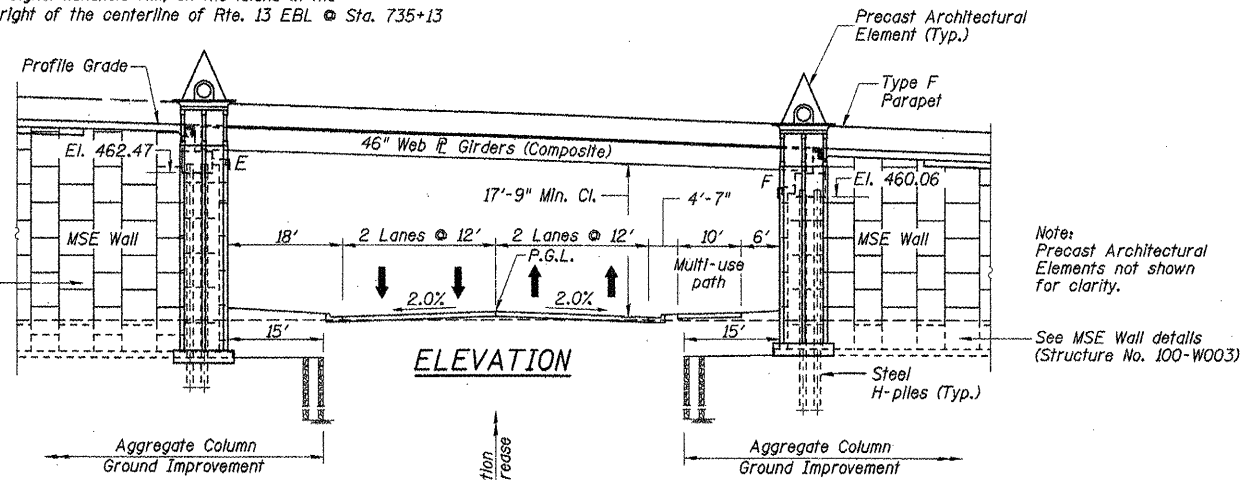


Benchmark #18: Sta. 1735+10.91 +/-, 72.25 +/- right (IL Route 13).
Cut square on the East corner of a traffic signal handhole rim, on the island in the SW quad of Rte. 13 and Skyline Drive, 37' right of the centerline of Rte. 13 EBL @ Sta. 735+13 Elev. 439.099

Benchmark #19: Sta. 1763+29.58 +/-, 53.73 +/- right (IL Route 13). Cut square in the concrete FDN of a combination mast arm assembly SE quad of IL Rte 13 EBL and Sinclair Dr. 20' South of the centerline of Rte. 13 EBL. Elev. 448.329

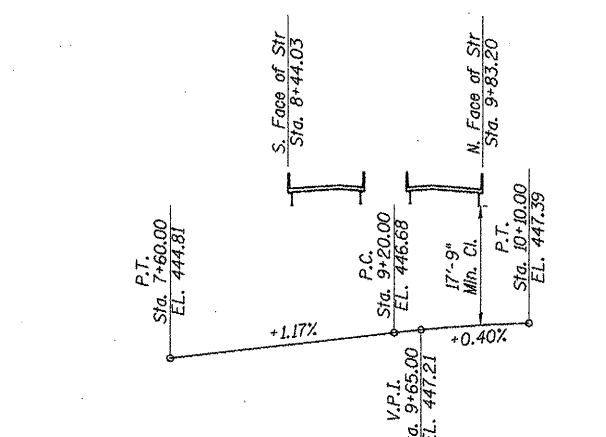
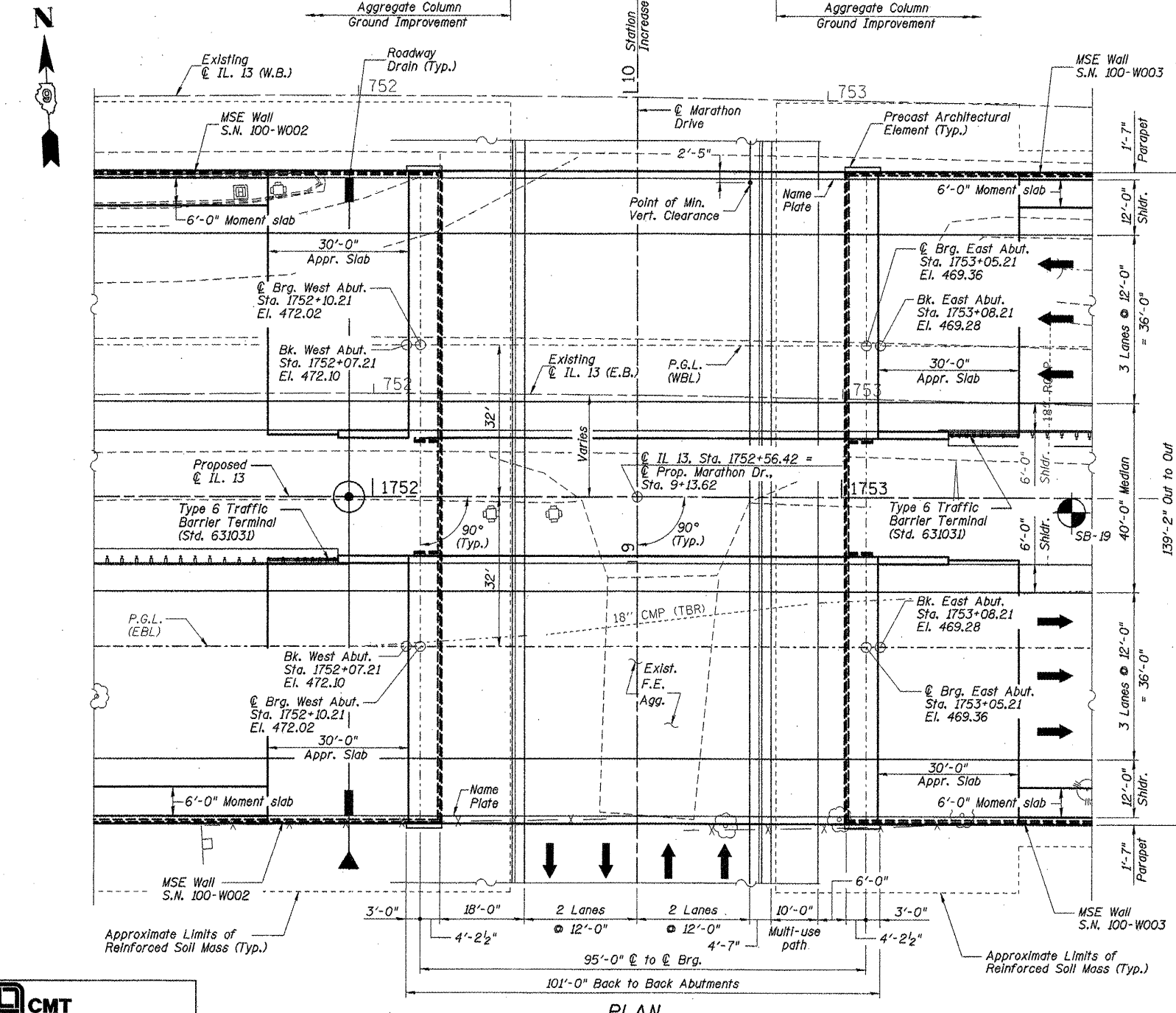
Existing Structure:
None

Traffic to be maintained utilizing stage construction.
See MSE Wall details (Structure No. 100-W002)



INDEX OF SHEETS

SHEET NO.	TITLE
1.	General Plan and Elevation
2.	General Data
3.	Footing Layout
4.	Stage Construction Details
5.	Temporary Concrete Barrier
6.	Deck Elevations 1
7.	Deck Elevations 2
8.	Deck Elevations 3
9.	Approach Pavement Elevations 1
10.	Approach Pavement Elevations 2
11.	Superstructure (S.N. 100-0095)
12.	Superstructure (S.N. 100-0096)
13.	Superstructure Details
14.	Preformed Joint Strip Seal
15.	Approach Slab Details 1
16.	Approach Slab Details 2
17.	Framing Plan and Details (S.N. 100-0095)
18.	Framing Plan and Details (S.N. 100-0096)
19.	Framing Details
20.	Bearing Details
21.	West Abutment (S.N. 100-0095)
22.	East Abutment (S.N. 100-0095)
23.	West Abutment (S.N. 100-0096)
24.	East Abutment (S.N. 100-0096)
25.	Abutment Details
26.	Bar Splicer Details
27.	HP Pile Details
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29.	Precast Architectural Element (Sheet 2)
30.	Boring Logs 1
31.	Boring Logs 2
32.	Boring Logs 3



DESIGN SPECIFICATIONS
2010 AASHTO LRFD Bridge Design Specifications, 5th Edition with 2010 Interim Revisions

DESIGN STRESSES
FIELD UNITS
f'_c = 3,500 psi
f_y = 60,000 psi (Reinforcement)
f_y = 50,000 psi (AASHTO M270, Grade 50)
f_y = 36,000 psi (AASHTO M270, Grade 36)

LOADING HL-93
Allow 50#/sq. ft. for future wearing surface

SEISMIC DATA
Seismic Performance Zone (SPZ) = 2
Design Spectral Acceleration at 1.0 sec (S_{D1}) = 0.275g
Design Spectral Acceleration at 0.2 sec (S_{D5}) = 0.754g
Soil Site Class = C

STATION 1752+56.42
BUILT 201_ BY
STATE OF ILLINOIS
F.A.P. RT 331 SEC. (IX-1)B-1
LOADING HL-93
STR. NO. 100-0095 (W.B.)

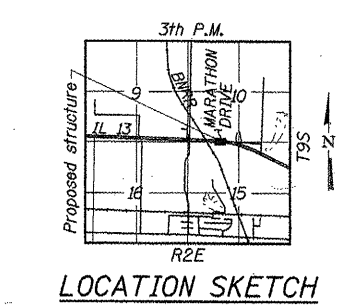
STATION 1752+56.42
BUILT 201_ BY
STATE OF ILLINOIS
F.A.P. RT 331 SEC. (IX-1)B-1
LOADING HL-93
STR. NO. 100-0096 (E.B.)

NAME PLATE
See Std. 515001
(Locate Name Plate on East end of North parapet)

NAME PLATE
See Std. 515001
(Locate Name Plate on West end of South parapet)

BORINGS

BORING	LOCATION
SB-15	1750+70, 4' Rt.
SB-16	1751+08, 108' Lt.
SB-19	1753+49, 3' Rt.
SB-20	1754+12, 113' Lt.



GENERAL PLAN & ELEVATION
FAP ROUTE 331 (IL 13) OVER
MARATHON DRIVE
SECTION (IX-1)B-1, B-1, N-4, R-3
WILLIAMSON COUNTY
STATION 1752+56.42
STRUCTURE NO. 100-0095 (W.B.)
STRUCTURE NO. 100-0096 (E.B.)

CMT
CRAWFORD MURPHY & TILLY, INC.
CONSULTING ENGINEERS
SPRINGFIELD, IL ■ ALBANY, IL ■ ST. LOUIS, MO
ROCKFORD, IL ■ PEORIA, IL ■ CHICAGO, IL

FILE NAME =	USER NAME =	DESIGNED - SF	REVISED -
1:\dot\986603\draw\cadd\sheet\structure	el plans\marathon dr bridge\marathon.fina	CHECKED - GEN PLM/LEY.dgn	REVISED -
PLOT SCALE =		DRAWN - GLD	REVISED -
PLOT DATE =		CHECKED - SF	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

APPROVED
For Structural Adequacy Only
Carl Puzg (TS)
Engineer of Bridges & Structures

RONALD E. BREVILLE
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ST. LOUIS, MO
STATE OF ILLINOIS
8 DEC 2011
EXP: 30 NOV 2012