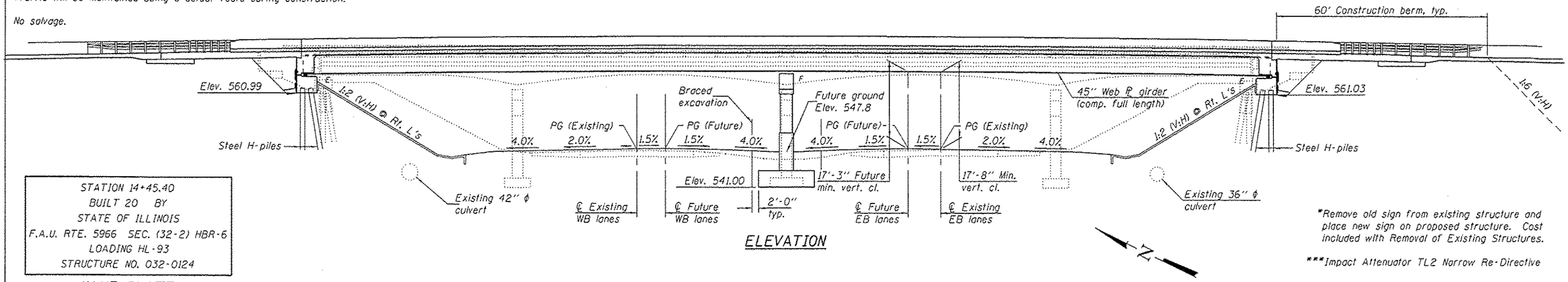
Benchmark: Chiseled "□" on SW wingwall of SN 032-0041; Sta. 15+58.86, 16.83' Rt., Elev. 569.80.

Existing Structure: SN 032-0041 built in 1958 as F.A.I. Route 6, Section 32-2 HB-1 at Sta. 1164+55.40. A four span RC girder bridge 202'-0" back-to-back abutments and 33'-8" out-to-out on pile bent abutments and single column hammer head piers. The existing structure is to be removed and replaced. Traffic will be maintained using a detour route during construction.

No salvage.



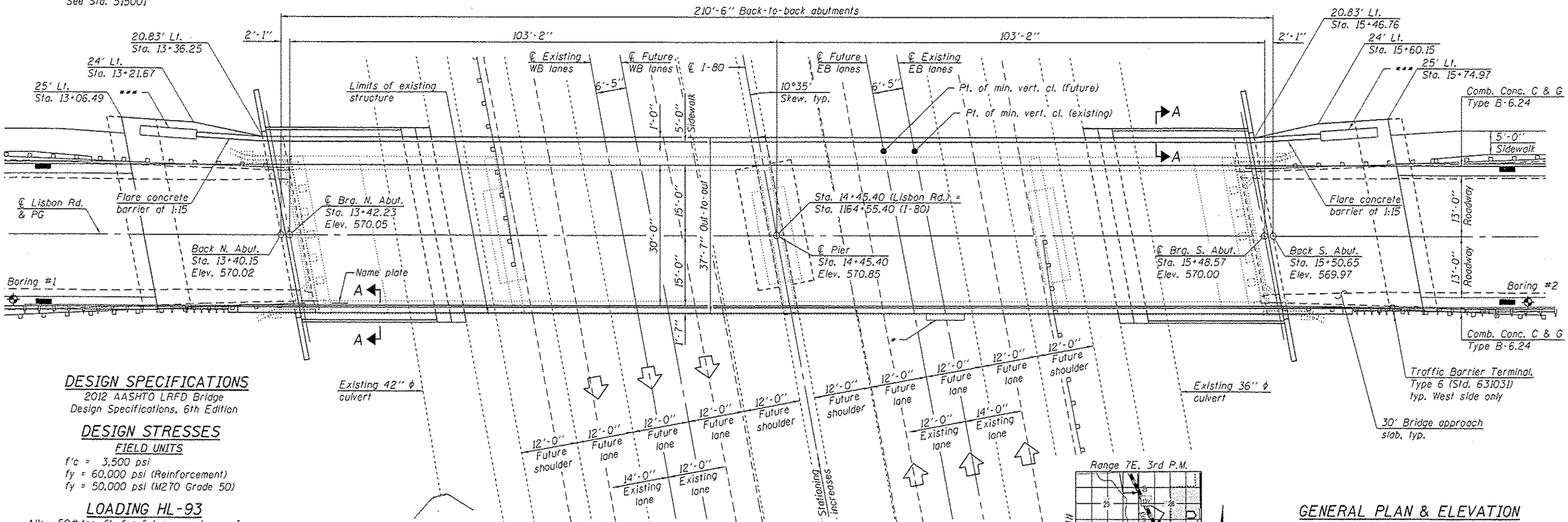
ELEVATION

*Remove old sign from existing structure and place new sign on proposed structure. Cost included with Removal of Existing Structures.

***Impact Attenuator TL2 Narrow Re-Directive

STATION 14+45.40
BUILT 20 BY
STATE OF ILLINOIS
F.A.U. RTE. 5966 SEC. (32-2) HBR-6
LOADING HL-93
STRUCTURE NO. 032-0124

NAME PLATE
See Std. 515001



PLAN

DESIGN SPECIFICATIONS
2012 AASHTO LRFD Bridge Design Specifications, 6th Edition

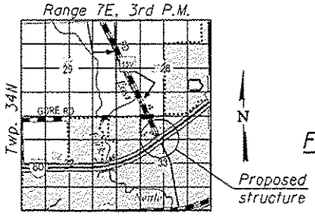
DESIGN STRESSES
FIELD UNITS
f'c = 3,500 psi
fy = 60,000 psi (Reinforcement)
fy = 50,000 psi (M270 Grade 50)

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

SEISMIC DATA
Seismic Performance Zone (SPZ) = 1
Design Spectral Acceleration at 1.0 sec. (S_{D1}) = 0.070 g
Design Spectral Acceleration at 0.2 sec. (S_{DS}) = 0.128 g
Soil Site Class = C

LICENSED STRUCTURAL ENGINEER DAVID CARL PUZEY 081-005470 SPRINGFIELD ILLINOIS STATE OF ILLINOIS

EXPIRES 11-30-2014



LOCATION SKETCH

GENERAL PLAN & ELEVATION
LISBON ROAD OVER I-80
F.A.U. RTE. 5966 - SEC. (32-2) HBR-6
GRUNDY COUNTY
STATION 14+45.40
STRUCTURE NO. 032-0124

DESIGNED - Gregory W. Conetsa	EXAMINED	DATE - 10/9/14	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION		
CHECKED - Lindell W. Stryker	PASSED	REVISED			
DRAWN - h.t. duong	ACTING ENGINEER OF BRIDGE DESIGN	REVISED		SHEET NO. 1 OF 24 SHEETS	
CHECKED - DHC / FWS	ACTING ENGINEER OF BRIDGES AND STRUCTURES				

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
5966	(32-2) HBR-6	GRUNDY	98	48
		CONTRACT NO. 66B27		
		ILLINOIS FED. AID PROJECT		