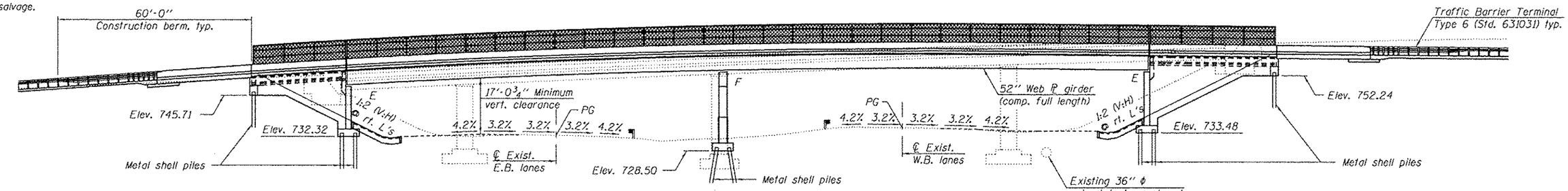
Benchmark: Chiseled "□" in top of southeast abutment of S.N. 010-0157. Elev. 751.56

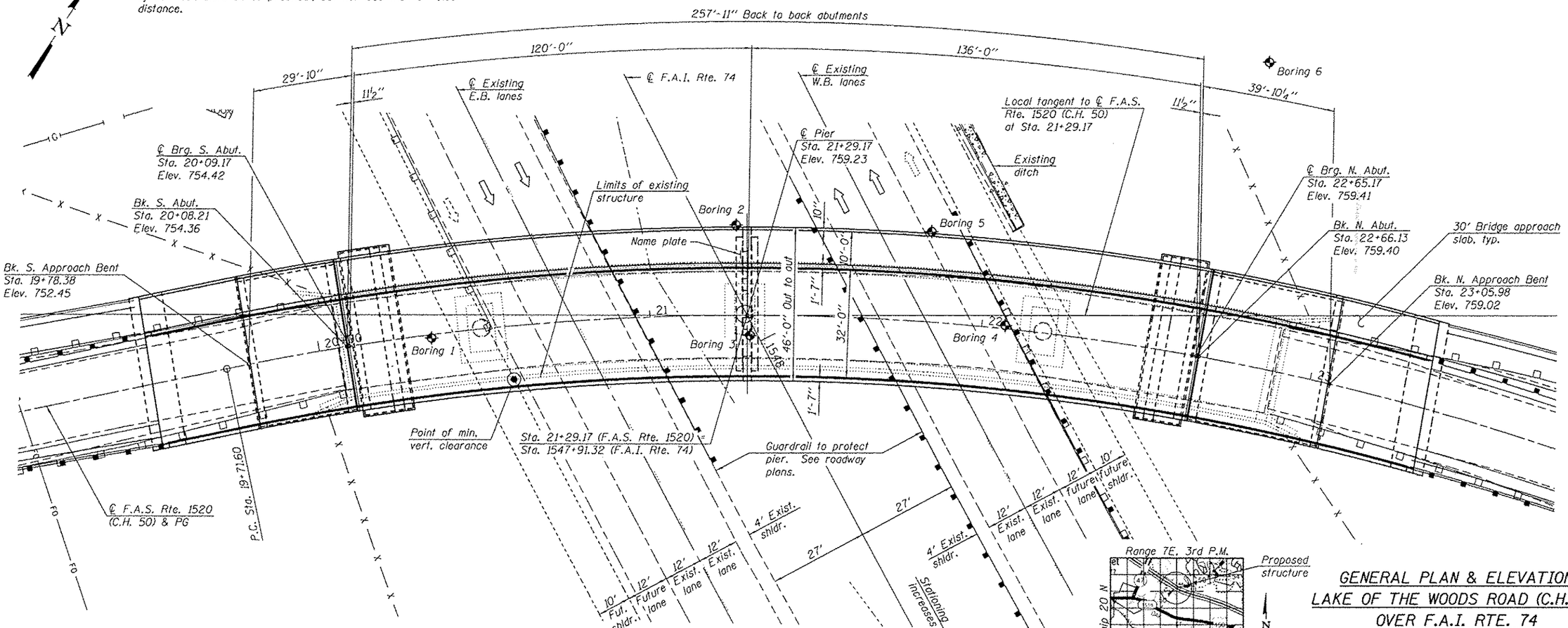
Existing structure: S.N. 010-0157 was built in 1967 as F.A.I. 74, Section 10-4HB-2. The four span superstructure consists of a curved cast-in-place concrete box girder with a 7" top slab and a 6" bottom. There are four cells for a total depth of 3'-9½". The substructure consists of 2 stub abutments supported on concrete piles and 3 single column piers supported on spread footings. The structure is 286'-0" back to back abutments and 32'-0" out-to-out. The existing structure will be replaced using road closure.

No salvage.

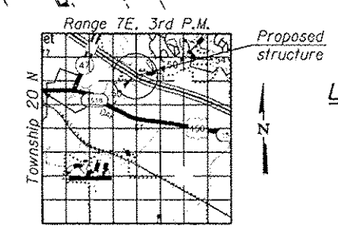


Note:
Space proposed piles at south abutment to miss existing piles by as much distance as practical, but not less than 9" clear distance.

ELEVATION



PLAN



LOCATION SKETCH

GENERAL PLAN & ELEVATION
LAKE OF THE WOODS ROAD (C.H. 50)
OVER F.A.I. RTE. 74
F.A.I. RTE. 74 - SEC. 10-4BR
CHAMPAIGN COUNTY
STATION 21+29.17
STRUCTURE NO. 010-0289

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

EXPIRES 11-30-2014

DESIGNED - Darryl H. Cornelison	EXAMINED		DATE - FEBRUARY 25, 2013	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION		F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS / SHEET NO.
CHECKED - Nicholas R. Bauman	PASSED	ACTING ENGINEER OF BRIDGE DESIGN / ACTING ENGINEER OF BRIDGES AND STRUCTURES	REVISED			74	10-4BR	CHAMPAIGN	290 / 86
DRAWN - MICHAEL B. MOSSMAN			REVISED					CONTRACT NO. 70700	
CHECKED - DHC / NRB					SHEET NO. 1 OF 62 SHEETS			ILLINOIS FED. AID PROJECT	