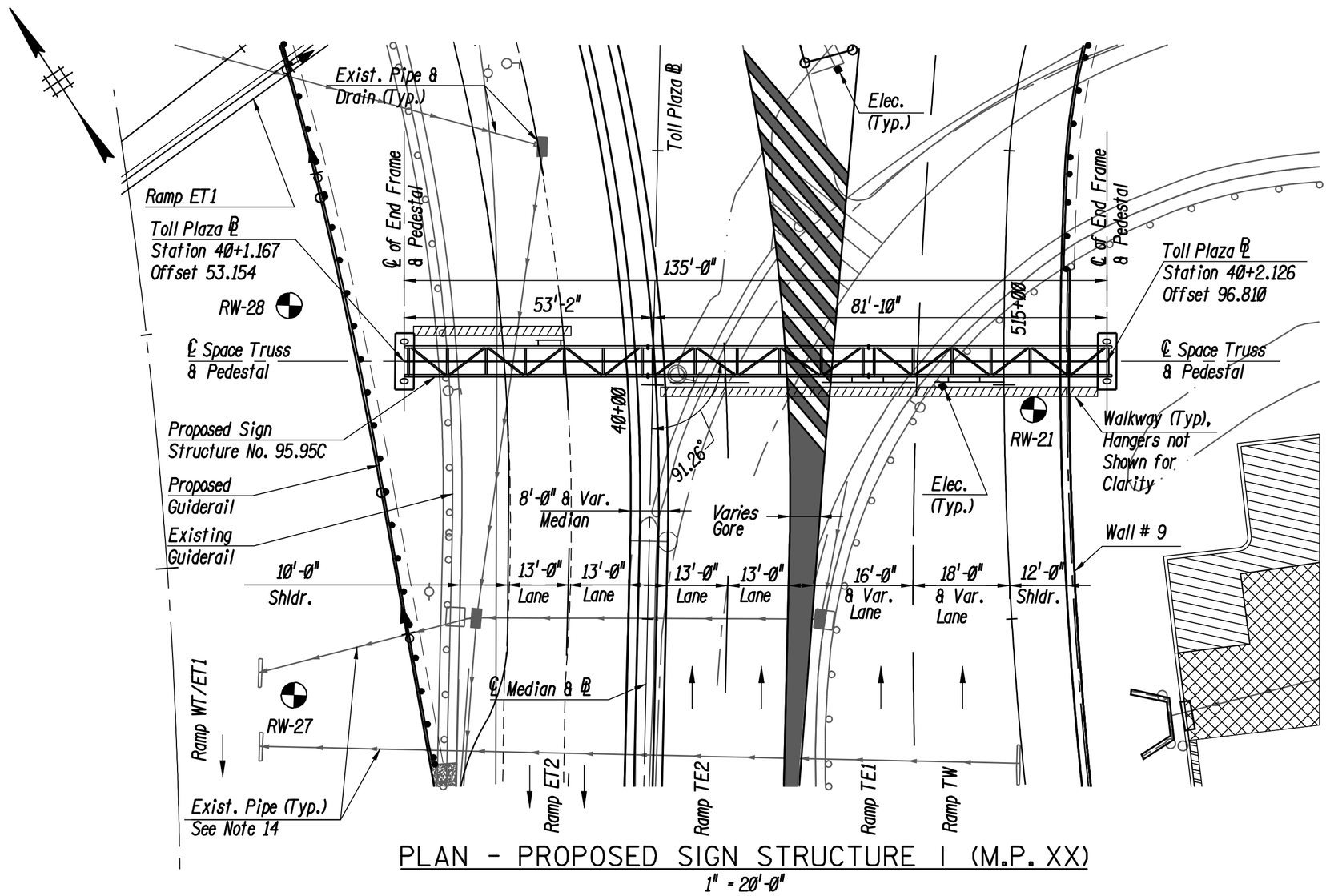
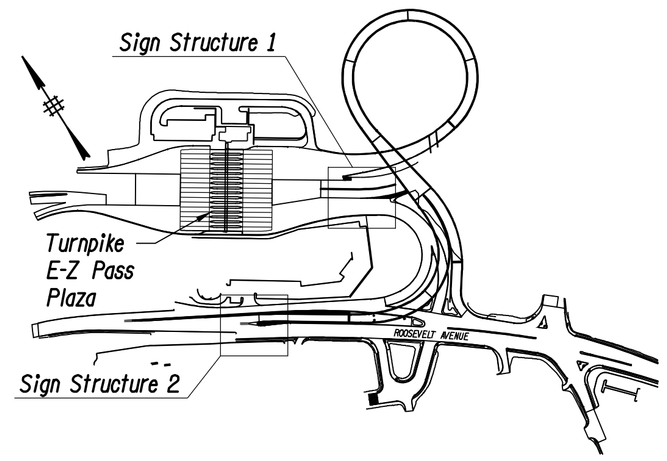


PLAN - PROPOSED SIGN STRUCTURE I (M.P. XX)

1" = 20'-0"



KEY PLAN

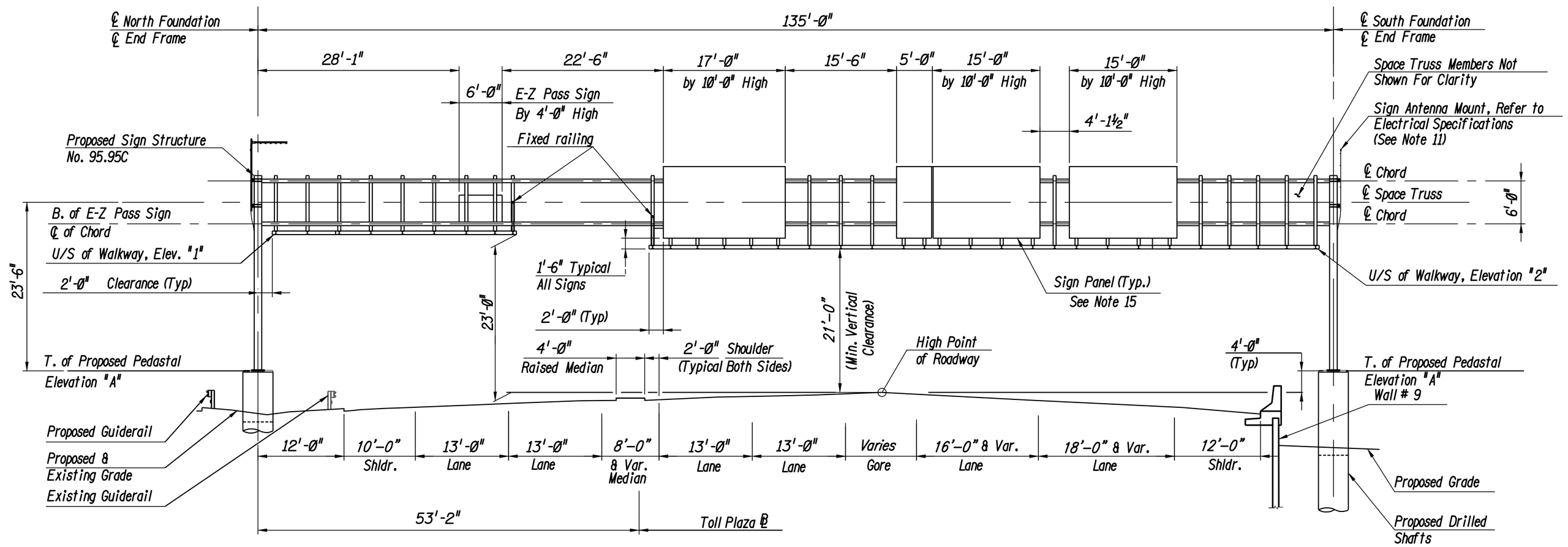
1" = 400'-0"

LEGEND

Boring, See Note 13

GENERAL AND STRUCTURAL NOTES:

1. Specifications:
   - A) American Association of State Highway andTransportation Officials (AASHTO) 2001 Standard Specifications for Structural Supports for Highway Signs, Luminaires and Traffic Signals, 4th Edition with all current Interims through 2003.
   - B) All construction and materials shall be in accordance with the 2004 New Jersey Turnpike Authority Standard Specifications, 5th Edition.
2. No field welding shall be permitted.
3. Structural steel plates and shapes shall be ASTM A709, Grade 50W (Fy = 50,000 PSI), unless noted otherwise.
4. All high strength bolts shall be ASTM A325X (threads excluded from shear plane), unless noted otherwise. Nuts shall conform to ASTM A563 and washers to ASTM F436, unless noted otherwise. Bolts, nuts and washers shall be galvanized in accordance with ASTM A153.
5. All anchor bolts shall be ASTM A449. Nuts shall conform to ASTM A563 and plate washers to ASTM A709, Grade 50. Bolts, nuts and plate washers shall be galvanized in accordance with ASTM A153.
6. All shop drilled holes in structural steel shall be 1/16" larger and all field drilled holes in structural steel shall be 1/8" larger than the nominal diameter of the fastener, unless noted otherwise or as approved by the Engineer.
7. All end frame pedestal concrete shall be Class A (f'c = 4,500 PSI) and all drilled shaft concrete shall be Class B (f'c = 4,000 PSI). All reinforcement steel shall be ASTM A615, Grade 60 (Fy = 60,000 PSI) epoxy coated.
8. All contacting surfaces shall have full bearing and shall be thoroughly cleaned by hand to remove any loose or foreign material as approved by the engineer.
9. Prior to the fabrication or installation of any materials shown, the contractor shall verify with the existing available plans and in the field all dimensions and existing conditions.
10. Known utilities, including the location of the fiber optical line, have been shown graphically. The Contractor is responsible to accurately locate via test pits all utilities in the area of the proposed foundations and guard rail post installations.
11. New wiring to the new YAGI antenna shall be furnished and installed from the antenna to the existing sign controller RTU Cabinet by means of aerial installation, as directed by the Engineer in the field.
12. Elevation "A" shall be set 4'-0" above high point of roadway. Underside of Elevation "1" and "2" shall be set 23'-0" and 21'-0" above the high point of roadway, respectively.
13. See Drawing Soil Boring for soil boring data.
14. Location of utilities shown represent best available data. Prior to work contractor shall coordinate location of utilities through proper authorities.
15. All sign panels shall be positioned horizontally as shown. Vertical position of sign panels shall be centered about centerline of truss unless noted otherwise. E-Z Pass sign panel shall be positioned with bottom edge at the centerline of bottom chord as shown.



ELEVATION - PROPOSED SIGN STRUCTURE I (M.P. XX)

1" = 10'-0"

0 ½ 1 2 3 4

ORIGINAL SIZE IN INCHES

S-7 S-8

NEW JERSEY TURNPIKE AUTHORITY

ROADWAY NAME

PROJECT DESCRIPTION

CONTRACT NO.

OVERHEAD SIGN STRUCTURE NO. XX, M.P. XX
GENERAL PLAN AND ELEVATION

NAME OF CONSULTANT
ADDRESS
CERTIFICATE OF AUTHORIZATION NO. XXXXXXXXX

SCALE: AS NOTED
DATE: MAY 2008

49
69

JOHN DOE
NEW JERSEY PROFESSIONAL ENGINEER LICENSE NO. XXXXXXXXXXX

FILE NAME: XXXXX

No.	DATE	REVISION

	BY	DATE
MADE	XXX	XX-XX-XX
TRACED	XXX	XX-XX-XX
CHECKED	XXX	XX-XX-XX
SUPERVISED	X.XXXX	

No.	DATE	
0	5-08	ORIGINAL SHEET
		SAMPLE PLAN REVISION