

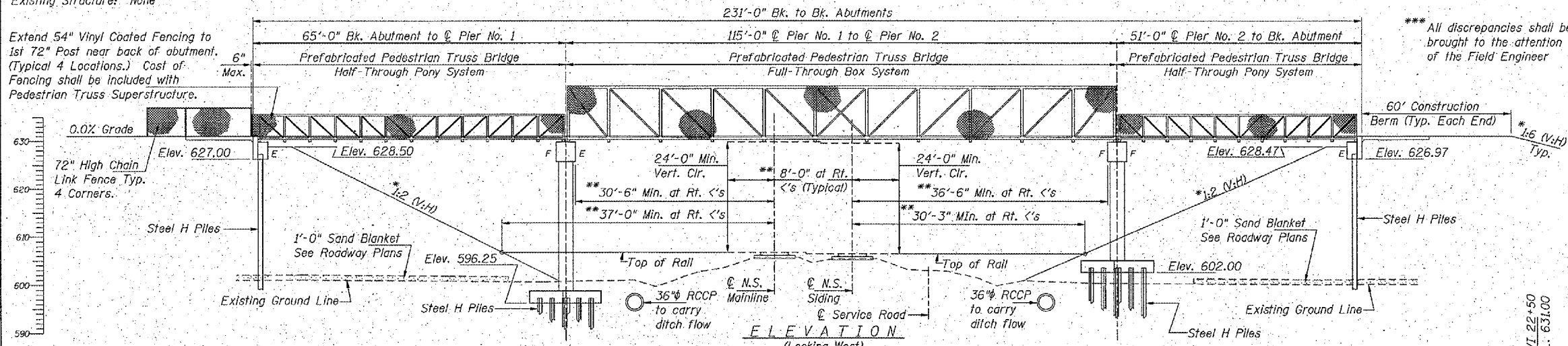
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	MILES	FEET	SHEET NO. 1
		SANGAMON	559	341	4 SHEETS
*02-00382-02-PV					CONTRACT NO. 72541

Bench Marks:
 IDOT BM #15 Chiseled square at the southeast quadrant of the intersection of West Grand Avenue and Hazel Dell Road. Benchmark is located 33 feet south of the centerline of Hazel Dell Road on a headwall of a concrete pipe culvert. NAVD88 El. 602.47
 IDOT BM #80 Chiseled cross on the center bolt of the east leg of an iron sign truss over the eastbound lane of Interstate 72. Benchmark is located 1.62 miles east of I Route 4. NAVD88 El. 601.28
 IDOT BM #0150 Disk in monument vault on survey calibration baseline. Benchmark is located 13 feet north of the centerline of Hazel Dell Road and 0.5 miles west of the intersection of Hazel Dell Road and West Grand Avenue. NAVD88 El. 600.47
 IDOT BM #374 Railroad spike in power pole west of a bike path and southeast of Recreation Drive. Benchmark is located 0.81 miles south of the intersection of West Grand Avenue and Hazel Dell Road. NAVD88 El. 604.61

Existing Structure: None

Extend 54" Vinyl Coated Fencing to 1st 72" Post near back of abutment. (Typical 4 Locations.) Cost of Fencing shall be included with Pedestrian Truss Superstructure.



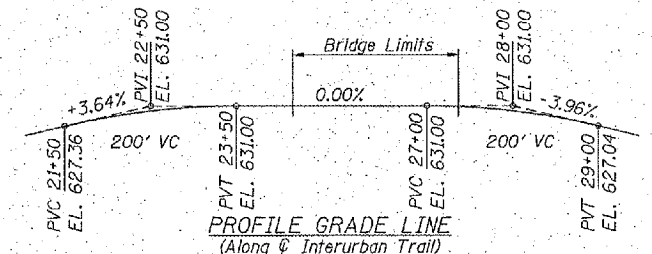
*** All discrepancies shall be brought to the attention of the Field Engineer

N.S. MAINLINE TRACK SOUTH RAIL		N.S. SIDING TRACK SOUTH RAIL	
Station	Elevation	Station	Elevation
15+93.46	606.68	15+94.35	606.35
16+96.15	606.68	16+96.73	606.35
18+00.00	606.68	18+00.91	606.33
19+01.43	606.67	19+01.98	606.34
20+03.68	606.68	20+04.56	606.34
21+06.63	606.66	21+07.44	606.34

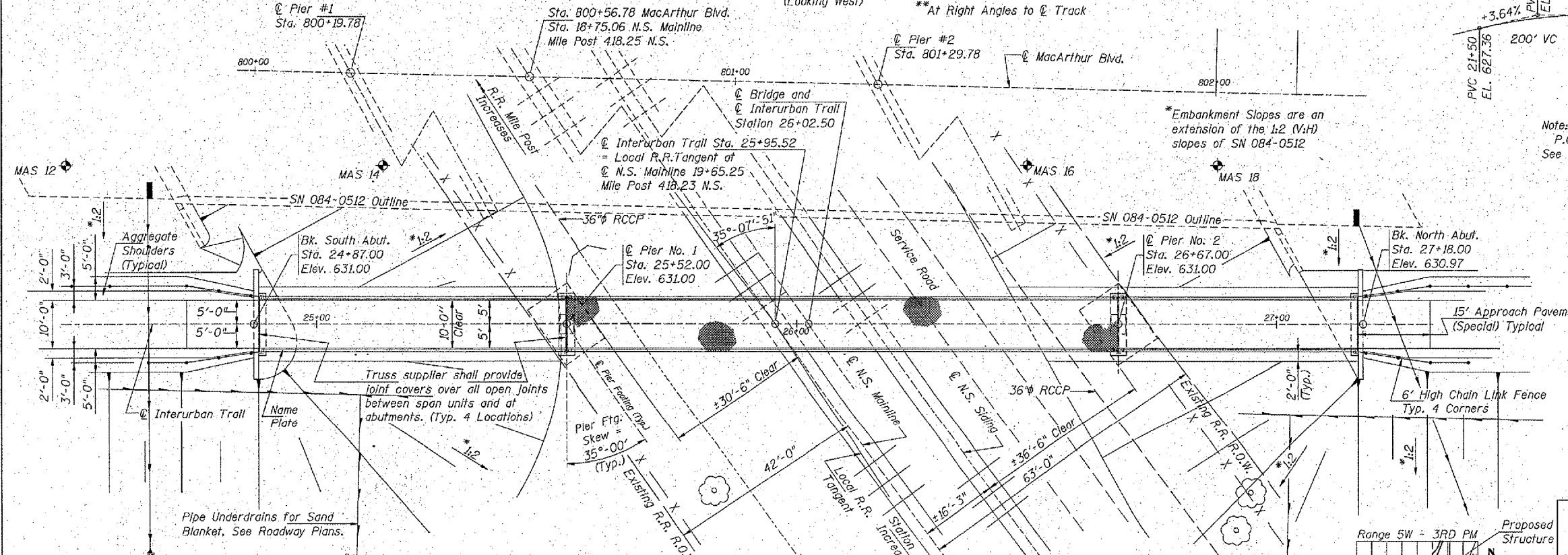
***EXISTING TOP OF RAIL ELEVATIONS

ALIGNMENT REFERENCES
MacArthur to Interurban

Interurban Trail Point	MacArthur Blvd. Station	Offset
P.T. 23+89.51	799+03.42	77.903' Rt.
P.O.T. 25+95.52	801+09.36	73.266' Rt.
P.C. 28+86.31	804+00.08	66.721' Rt.

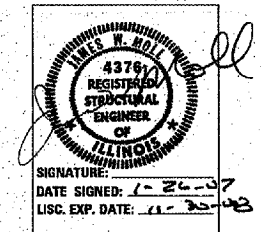


Note: P.G.L. does not follow camber of truss. See Truss Camber Diagram on Sheet 2 of 4.



APPROVED FOR STRUCTURAL ADEQUACY ONLY

Ralph E. Anderson
 ENGINEER OF BRIDGES AND STRUCTURES



GENERAL PLAN & ELEVATION
 INTERURBAN TRAIL OVER N.S. R.R.
 SECTION 02-00382-02-PV
 SANGAMON COUNTY
 STATION 26+02.50
 STRUCTURE NO. 084-7008

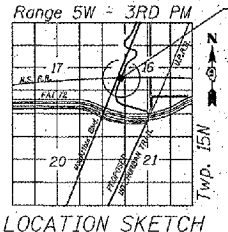


SEISMIC DATA
 Seismic Performance Category (SPC) = A
 Bedrock Acceleration Coefficient (A) = 0.05g
 Site Coefficient (S) = 2.0

DESIGN STRESSES
 FIELD UNITS
 f'c = 3,500 psi
 fy = 60,000 psi (reinf.)
PREFABRICATED UNITS
 See Guide Bridge Special Provisions "Pedestrian Truss Superstructure"

DESIGN SPECIFICATIONS
 1997 AASHTO Guide Specifications for design of Pedestrian Bridges

LOADING
 Uniform Live Load = 65 p.s.f. (Primary Members)
 Uniform Live Load = 85 p.s.f. (Secondary Members)
 Vehicle Load = H-5 Truck



01/26/2007
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 LAYOUT: M.A.M. 10/27/05
 DRAWN: M.A.M. 10/27/05
 REVIEWED: M.A.M. 10/27/05