STATE OF ILLINOIS
DEPARTMENT OF PUBLIC WORKS & BUILDINGS
DIVISION OF HIGHWAYS

064-0019

64-2HB	MASSAC	105	43	SHEET NO. 1 OF 15 SHEETS	

BM: RR Spike in N. E. Face of 60" Oak
275' Rt. F.A.I. 24 Sta. 297+05 El. 345.96

GENERAL NOTES

All reinforcement bars shall be spaced 2" diameters unless otherwise shown.

Field connections shall be bolted using high strength bolts. Bolts in ⅞" ø open holes 1⅛" ø, unless otherwise noted.

The basic lead silico chromate paint system shall be used for shop and field painting of structural steel.

Calculated weight of structural steel = 179,000 lbs.

Field welding of construction accessories will not be permitted to the bottom flange of beams or girders nor on the top flange for a distance equal to one-fourth the span length, each way from the pier supports. Field welding in other areas will be permitted only when approved by the Engineer.

Anchor bolts shall be set before bolting cross frames over supports.

Slope wall shall be reinforced with welded wire fabric 6" x 6" mesh, weighing 58# per 100 sq.ft.

Class A Excavation for structures includes excavation for slope wall.

The embankment configuration shown shall be the minimum embankment that must be constructed prior to construction of the abutments.

An alternate strand pattern using Extra High Strength Prestressing strand, (270 ksi) is permitted.

The Contractor shall drive 3 test piles in a permanent location one at W. Appr., one at Pier, and one at E. Abut. as directed by Engineer before ordering the remainder of piles.

The steel piles shall be driven to refusal.

BEAM END LOCATION 1

BEAM END LOCATION 2

End of Slab

6-#5 x 3'-6" Anchor Bolts in Endposts for Guardrail (By Bridge Contractor)

Elev. 368.77

Steel Bearing Piles

Elev. 354.23

50'-0" Min. Dia. Brg. B

EXTERIOR FASCIA BEAMS AND BOTTOM CHORD OF FASCIA BEAMS

50'-0" Min. Dia. Brg. A

Elev. 342.96

Steel Bearing Piles

Elev. 354.70

Natural Ground

Steel Bearing Piles

Metal Guardrail

Elev. 372.51

Steel Bearing Piles

ELEVATION

STA. 298+82
BUILT '97 BY
STATE OF ILLINOIS
F.A.I. RT. 24 SEC. 64-2HB
PROJ. I-24-1(62)
LOADING: HS15

NAME PLATE
See Std. 2113

N

SECTION B-B

Name Plate

Elev. 376.11

Elev. 377.07

Elev. 378.99

Elev. 372.11

Elev. 372.14

Elev. 372.17

Elev. 372.20

Elev. 372.23

Elev. 372.26

Elev. 372.29

Elev. 372.32

Elev. 372.35

Elev. 372.38

Elev. 372.41

Elev. 372.44

Elev. 372.47

Elev. 372.50

Elev. 372.53

Elev. 372.56

Elev. 372.59

Elev. 372.62

Elev. 372.65

Elev. 372.68

Elev.