

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET
FAI 80	06-8HBR	BUREAU	165	103
FED. ROAD DIST. NO. 7		FED. AID PROJECT		

Contract # 66641

Bench Mark: 175' R1, 281' 97 Elev. 654.33
RR Spike in tree root 375' R1, 314' 93 Elev. 660.01
Existing Structures: 1006-0108 (3.2) & 1006-0109 (1.1) are 22.5' x 2' by 25' x 2' abut. each. Built as FAI Rte 80 Section 6-64B of Station 312+11.90 in 1959. Traffic can be maintained during the rehabilitation of the existing structures by closing one structure at a time. Salvage existing bridge rail and deliver to District.

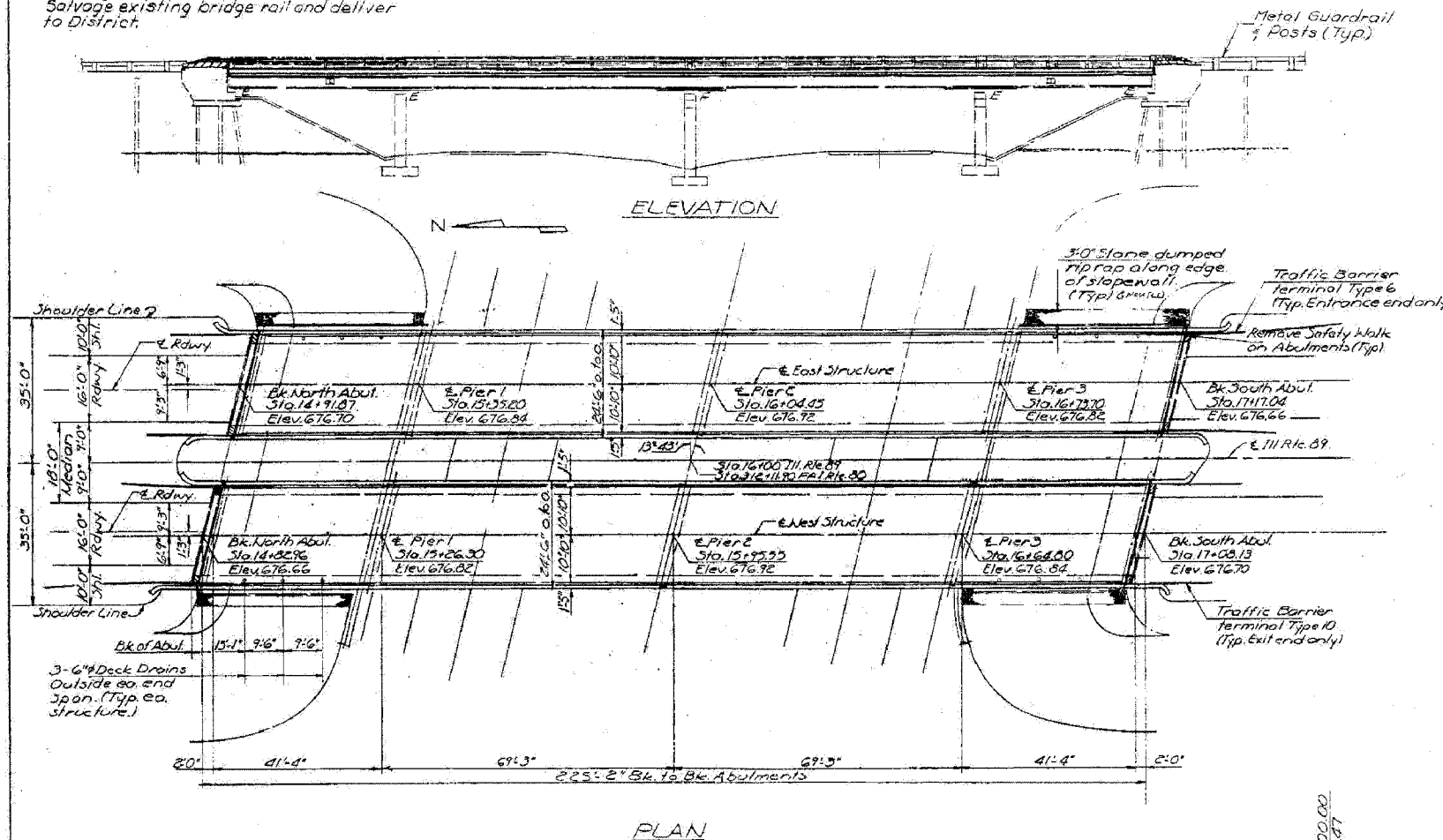
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SHEET NO. /
10 SHEETS

GENERAL NOTES

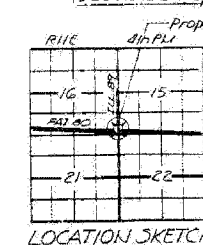
All Structural Steel shall be AASHTO M183
Reinforcement bars shall conform to the requirements of AASHTO M-81 or M-53 Grade 60
Layout of Stone Dumped Riprap may be varied in the field to suit ground conditions as directed by the Engineer.
Plan dimensions and details relative to existing structure have been taken from existing plans and are subject to nominal construction variations. It shall be the Contractor's responsibility to verify such dimensions and details in the field and make necessary approved adjustments prior to construction or ordering of materials. Such variations shall not be cause for additional compensation for a change in the scope of the work, however, the Contractor will be paid for the quantity actually furnished at the unit price bid for the work.
Field welding of construction accessories will not be permitted to the bottom flange of beams nor to 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.
All new Structural Steel shall be shop painted with two coats of Basic Lead Silico Chromate paint except as noted.



TOTAL BILL OF MATERIAL

Item	Unit	Super	Sub	Total
Protective Coat	Sq. Yd.	1495		1495
Preformed Joint Seal (4')	Lin. Ft.	101		101
Repair Concrete Structures	Sq. Ft.		130	130
Bit. Surf. Removal	Sq. Yd.	874		874
Concrete Removal	Cu. Yd.	151	13	164
Reinforcement Bars (Epoxy Coated)	Pound	30,750		30,750
Reinforcement Bars	Pound	1920		1920
Class X Concrete	Cu. Yd.	182.0		182.0
Floor Drains	Each	12		12
Stone Dumped Riprap	Sq. Yd.		39	39
Bridge Handrail Removal	Lin. Ft.	892		892
Structural Steel	Pound	3530		3530
Plasticized Bridge Dk. Conc. Overlay	Sq. Yd.	874		874
Bridge Deck Scarification 1"	Sq. Yd.	874		874
Deck Slab Repair (Partial Depth)	Sq. Yd.	65		65
Deck Slab Repair (Full Depth)	Sq. Yd.	65		65

PROPOSED IMPROVEMENT
PROFILE GRADE
ILL. RTE 89
(Top of Conc. Overlay)
DESIGN STRESSES
F_c = 14,000 psi
F_s = 24,000 psi (Reinf.)
F_s = 20,000 psi (Struct. Steel)
Allow 25% sq. ft. for Future Wearing Surface
LOADING HS20-44



GENERAL PLAN
ILL. RTE 89 OVER FAI RTE 80
FAI ROUTE 80 - SEC. (06-64B) M
BUREAU COUNTY
STATION 312+11.90
STRUCTURE NUMBER 006-0108(B) / 006-0109(A,B)

DESIGNED: Mary Bloydorf
CHECKED: Lorne Hill
DRAWN: F.M. JS
CHECKED: Lorne Hill
EXAMINED: [Signature]
PARTY: [Signature]
APPROVED: [Signature]

DESIGN SPECIFICATIONS
AASH TO 1983

EXISTING PLANS - 1985

IL ROUTE 89 OVER
FAI ROUTE 80 (I-80)
SECTION 06-8HBR
BUREAU COUNTY
STATION 3702+69.82
STRUCTURE NO. 006-0178

FOR INFORMATION ONLY