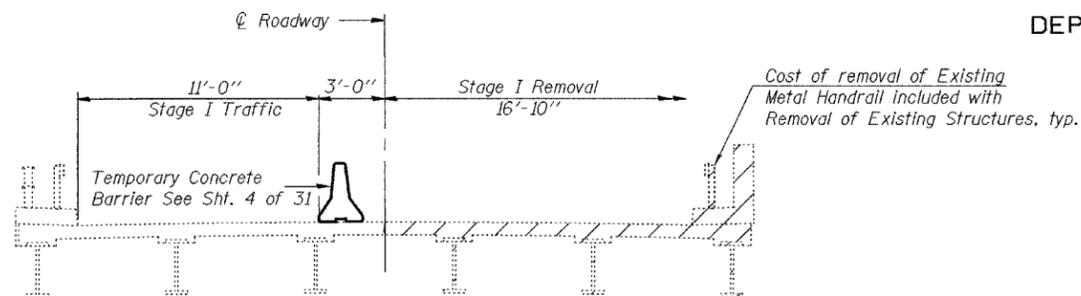


STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

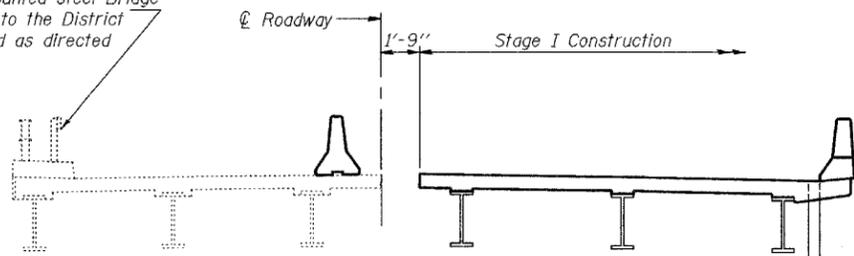
ROUTE NO. F.A.P. 312	SECTION 71BR	COUNTY RANDOLPH	DISTRICT 73	SHEET 26	SHEET NO. 2 31 SHEETS
FED. ROAD DIST. NO. 7		ILLINOIS		FED. AID PROJECT-	

Contract No. 76125

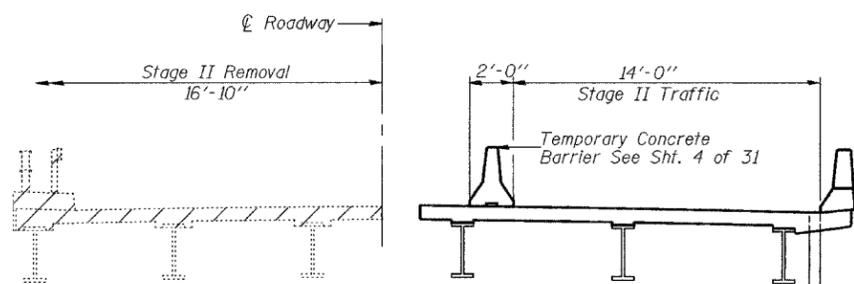


STAGE I REMOVAL

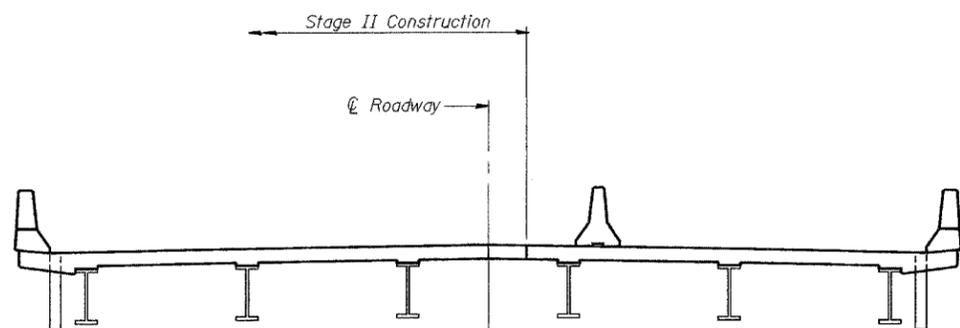
The Contractor shall salvage the existing curb mounted steel Bridge Rail and deliver to the District maintenance yard as directed by the Engineer.



STAGE I CONSTRUCTION



STAGE II REMOVAL



STAGE II CONSTRUCTION

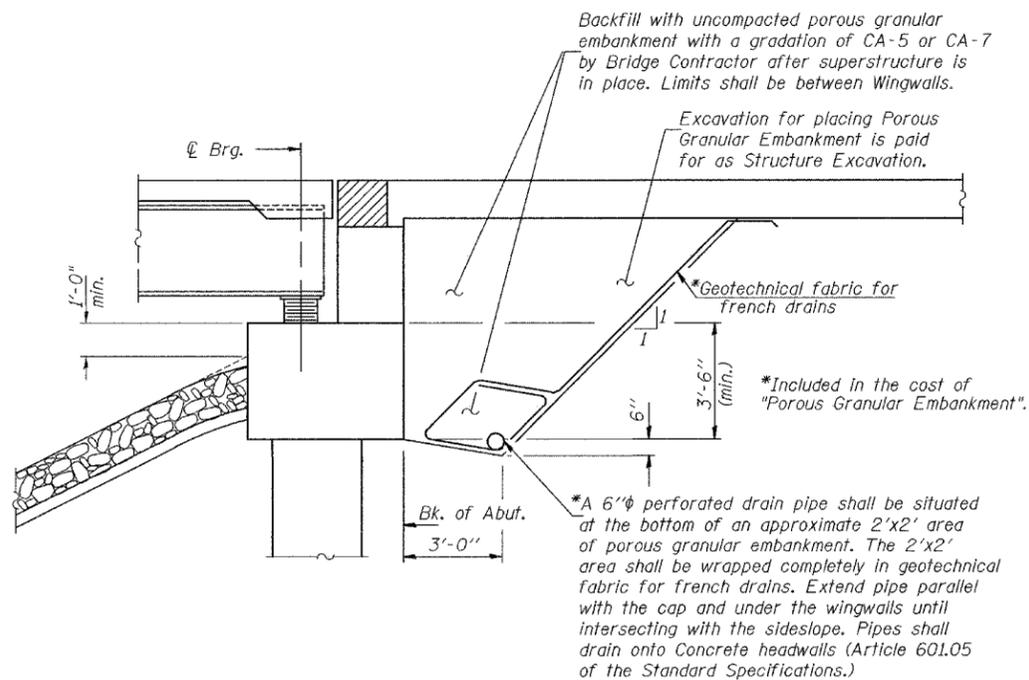
DESIGNED	J.E. Kramer
CHECKED	T.L. Kurtenbach
DRAWN	A.M. Seiber
CHECKED	JEK/TLK

January 26, 2005
 EXAMINED *Thomas J. Domagalaki*
 ENGINEER OF BRIDGE DESIGN
 PASSED *Ralph E. Anderson*
 ENGINEER OF BRIDGES AND STRUCTURES

Notes:
 Hatched area indicates Removal of Existing Structure.
 All sections are looking North.
 For quantity of Temp. Concrete Barrier, see roadway plans.

TOTAL BILL OF MATERIAL

ITEM	UNIT	SUPER	SUB	TOTAL
Removal of Existing Structures	Each			1
Concrete Superstructure	Cu. Yd.	233.7		233.7
Concrete Structures	Cu. Yd.		228.4	228.4
Reinforcement Bars, Epoxy Coated	Pounds	57610	37310	94920
Furnishing and Erecting Structural Steel	L. Sum	1		1
Name Plates	Each			1
Bar Splicers	Each	616	192	808
Stud Shear Connectors	Each	2862		2862
Reinforcement Bars	Pounds		31790	31790
Drilled Shaft in Soil 42"	Foot		267.8	267.8
Drilled Shaft in Rock 36"	Foot		190.4	190.4
Neoprene Expansion Joint 2"	Foot	117.1		117.1
Elastomeric Bearing Assembly Type 1	Each		18	18
Bridge Seat Sealer	Sq. Ft.		763.4	763.4
Temporary Sheet Piling	Sq. Ft.		1597.2	1597.2
Structure Excavation	Cu. Yd.		377.4	377.4
Porous Granular Embankment	Cu. Yd.		146.4	146.4
Bridge Deck Grooving	Sq. Yd.	754		754
Protective Coat	Sq. Yd.	940		940
Floor Drains	Each	18		18
Underwater Structure Excavation Protection Location 1	Each		1	1
Underwater Structure Excavation Protection Location 2	Each		1	1
Stone Riprap, Class A-5	Sq. Yd.		2327	2327
Filter Fabric for use with Riprap	Sq. Yd.		2327	2327
Drilled Shaft in Soil 24"	Foot		85.9	85.9
Drilled Shaft in Rock 18"	Foot		18.0	18.0



SECTION THRU ABUTMENT
(Dimensions at Rt. L's)

**STAGE CONSTRUCTION DETAILS
& TOTAL BILL OF MATERIAL**
 F.A.P. RT. 312 - SEC. 71BR
 RANDOLPH COUNTY
 STATION 1128+90
 STRUCTURE NO. 079-0048