GENERAL NOTES

1. Reinforcement bars shall conform to the requirements of ASTM A 706 Gr 60. See Special Provisions.
2. Reinforcement bars designated (E) shall be epoxy coated.
3. Plan dimensions and details relative to existing plans are subject to nominal construction variations. The Contractor shall field verify existing dimensions and details affecting new construction 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 scope of the work, however, the Contractor will be paid for the quantity actually furnished at the unit price bid for the work.
4. Excavation behind existing abutment walls shall be performed before removing the existing superstructure. The Contractor shall sawcut the upper portion of the existing abutment at the stage removal line before Stage I removal to ensure the remaining portion will not be prematurely damaged.
5. The Contractor shall obtain a construction permit from the Illinois Department of Natural Resources (IDNR), Office of Water Resources for any temporary construction activity placed in the water except cofferdams. This shall include the placement of material for run-arounds, causeways, etc. Any permit application by the Contractor shall refer to the IDNR 3704 Floodway Construction permit number allowing permanent construction as shown in the contract plans.
6. Existing Name Plate shall be cleaned and relocated next to new Name Plate. Cost included with Name Plates.
7. Existing reinforcement shall be cleaned and incorporated into the new construction. Cost included with Concrete Removal.
8. Any damage done to the bridge during beam removal shall be repaired by the Contractor. Cost included with Removal of Existing Superstructures.
9. If the Contractor's procedures for existing beam removal or placement of new beams involves placement of heavy equipment on the new or existing deck beams, a detailed procedure shall be submitted to the Engineer for approval. The procedure shall include calculations, sealed by an Illinois Licensed Structural Engineer, verifying the structural adequacy of the beams for the proposed loads. Cost included with Precast Prestressed Concrete Deck Beams (27" Depth).
10. No drilling will be permitted in the new PPC deck beams.
11. The minimum thickness of the Concrete Wearing Surface shall be 5" and shall vary as required to adjust for the new profile grade and beam camber.
12. Concrete Removal and substructure repairs required for the stage being constructed shall be completed prior to placement of the new PPC deck beams.
13. Out to Out widths shown for deck and approach slabs are the minimum widths required. Variations in the new deck beams and erection tolerances may result in additional width. The Contractor will be paid for the quantity actually furnished based upon the unit price bid for the work.
14. Current Ratings on File for Existing Structure

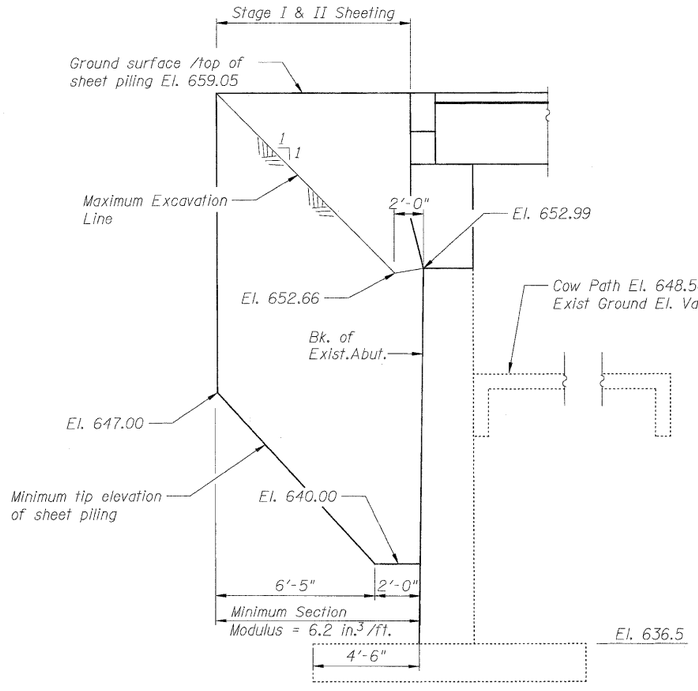
    Inventory: HS 21.0
    Operating: HS 35.1
    Live Load Restrictions: Yes "22 Tons"

    Inventory and Operating Ratings and Live Load Restrictions are provided for information only. Inventory and Operating Ratings are based on HS loading and configuration. Live Load Restrictions are based on Illinois legal loads and configurations. The Ratings and Live Load Restrictions are not necessarily representative of capacities to support the Contractor's equipment.
15. Cost of approach slab removal and HMA overlay removal to be included with Removal of Existing Superstructures.

INDEX OF SHEETS

TOTAL BILL OF MATERIAL

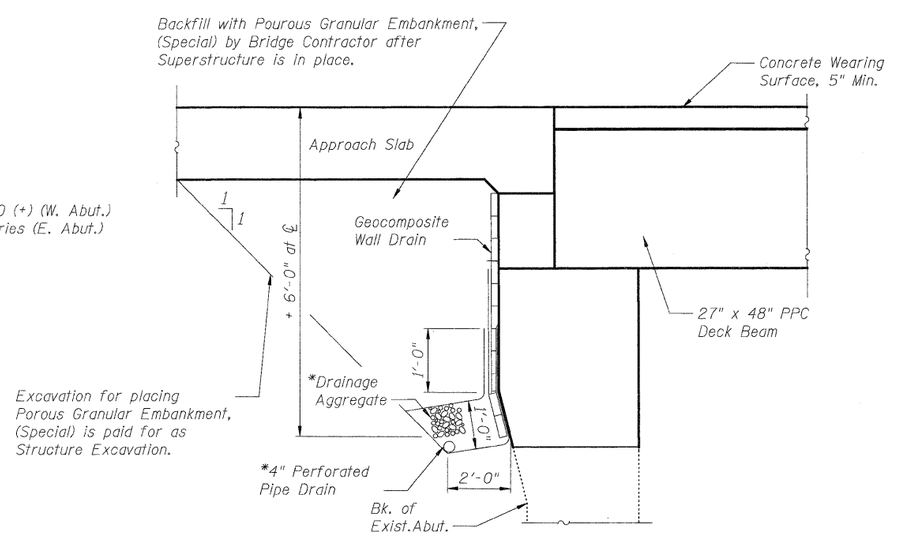
ITEM	UNIT	SUPER	SUB	TOTAL
Removal of Existing Superstructures	Each	1		1
Concrete Removal	Cu. Yd.		100.0	100.0
Structure Excavation	Cu. Yd.		115	115
Concrete Structures	Cu. Yd.		169.4	169.4
Concrete Superstructure	Cu. Yd.	326.9		326.9
Bridge Deck Grooving	Sq. Yd.	1258		1258
Protective Coat	Sq. Yd.	1791		1791
Precast Prestressed Concrete Deck Beams (27" Depth)	Sq. Ft.	9972		9972
Reinforcement Bars, Epoxy Coated	Pound	91,330	8,420	99,750
Bar Splicers	Each	342	46	388
Name Plates	Each	1		1
Epoxy Crack Injection	Foot		33	33
Geocomposite Wall Drain	Sq. Yd.		87	87
Conduit Embedded in Structure, 2"Dia.,Galvanized Steel	Foot	125		125
Porous Granular Embankment, (Special)	Cu. Yd.		77	77
Concrete Wearing Surface, 5"	Sq. Yd.	1110		1110
Structural Repair of Concrete (Depth Equal to or Less Than 5")	Sq. Ft.		158	158
Structural Repair of Concrete (Depth Greater Than 5")	Sq. Ft.		5	5
Temporary Sheet Piling	Sq. Ft.		276	276
Pipe Underdrains for Structures 4"	Foot		228	228



TEMPORARY SHEET PILING

(West Abutment shown)

Notes:
If the Contractor chooses to alter the temporary cantilever sheet piling design requirements shown on the plans, a design submittal including plan details and calculation will be required for review and acceptance by the Engineer.



* Included in the cost of Pipe Underdrains for Structures 4"

SECTION THRU ABUTMENT

Notes:

All drainage system components shall extend parallel to the abutment. An outlet pipe shall extend parallel to the wingwall, until intersecting with the side slopes. The pipes shall drain into concrete headwalls. (See Article 601.05 of the Standard Specifications and Highway Standard 601101). The concrete headwall shall be included in the cost of the pipe underdrains.

PATRICK ENGINEERING
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USER NAME =		DESIGNED - RDW	REVISED -
PLOT CONFIG		CHECKED - RLD	REVISED -
PLOT SCALE =		DRAWN - RDW	REVISED -
PLOT DATE =		CHECKED - RLD/APD	REVISED -

DUPAGE COUNTY
DIVISION OF TRANSPORTATION

GENERAL NOTES, INDEX & TOTAL BILL OF MATERIAL
75TH STREET OVER EAST BRANCH DUPAGE RIVER
SHEET NO. S2 OF S24 SHEETS

FAP RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0369	08-00162-03-BR	DUPAGE	58	25
		CONTRACT NO. 63662		
	ILLINOIS FED. AID PROJECT			