

**GENERAL NOTES**

- All In-Stream work, including placement and removal of In-Stream Access to piers, Cofferdam construction and removal and stream restoration, must be completed outside of spawning season (mid April through June) and boating season (mid May through mid September).
- The Contractor shall be responsible for signage and buoys to establish a no-wake zone in the vicinity of the construction zone during spring, summer and fall months. See specifications.
- The Contractor shall be responsible for signage and flashing barricades, etc., for safety to snowmobiles in the vicinity of the construction zone during winter months. See specifications.
- The Contractor shall be responsible for a survey of the work zone upon project completion to demonstrate that the river has been restored to the condition prior to commencement of construction.
- 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. 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.
- Work shall conform to all provisions of the Erosion Control Plan.
- Haul Roads, In-Stream Work Pads and Causeways, if needed, shall be constructed in accordance with the Recurring Special Provision Check Sheet #8.
- Contractor shall review and adhere to the ACOE permit stipulations (copy in Special Provision). Note especially restrictions on the disposal of water pumped from the coffer dams.
- If Contractor elects to utilize a haul road, he shall schedule his work or provide earth retention to prevent intrusion into existing wetlands beyond the Proposed Right of Way Line.

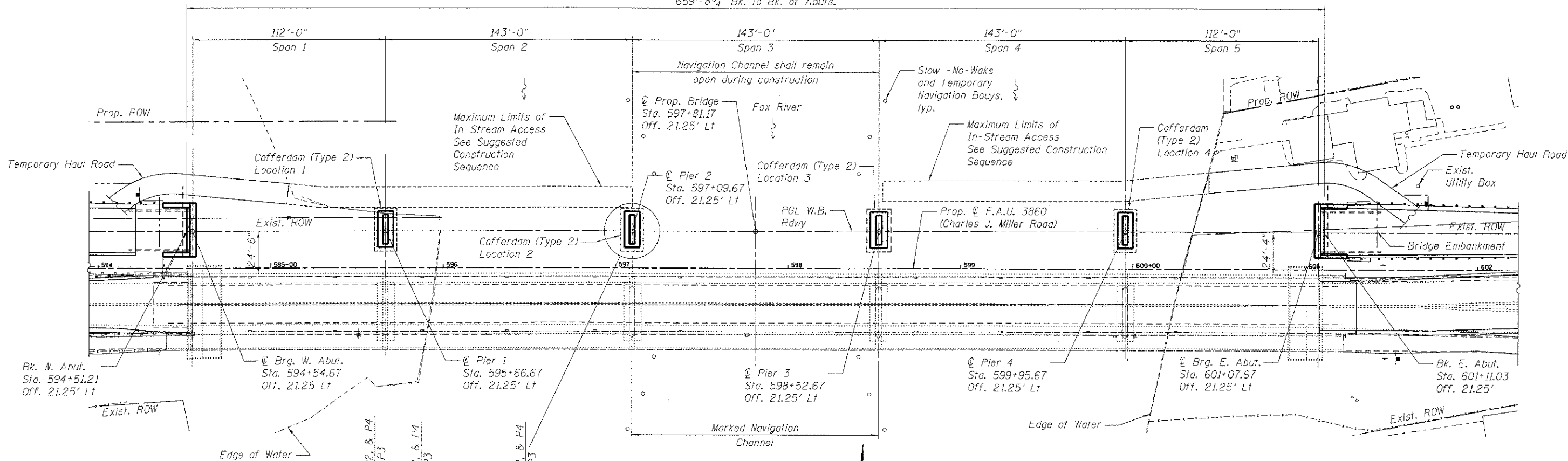
**BILL OF MATERIALS**

Item	Unit	Total
Cofferdam (Type 2) (Location - 1)	Each	1
Cofferdam (Type 2) (Location - 2)	Each	1
Cofferdam (Type 2) (Location - 3)	Each	1
Cofferdam (Type 2) (Location - 4)	Each	1
SEAL COAT CONCRETE	Cu. Yd.	149.5

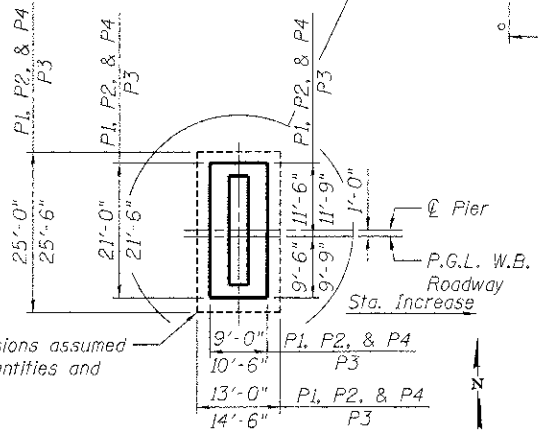
**SUGGESTED CONSTRUCTION SEQUENCE**

- Place East and West Abutment Embankment to Bottom of Abutment.
- Place Temporary Haul Roads, if required.
- Place Temporary In-Stream Access to Piers 1 and 4, if required.
- Construct Pier 1 and Pier 4 Cofferdams.
- Construct Pier 1 and Pier 4.
- Place Temporary In-Stream Access to Piers 2 and 3, if required.
- Remove Pier 1 and Pier 4 Cofferdams.
- Construct Pier 2 and Pier 3 Cofferdams.
- Construct Pier 2 and Pier 3.
- Remove Pier 2 and Pier 3 Cofferdams.
- Construct East and West Abutments.
- Construct Slopedalls and Place Riprap at East and West Abutments.
- Erect Structural Steel.
- Form and Cast Concrete Superstructure.
- Remove All Temporary In-Stream Access to Piers.
- Clean-up and Restore.
- Replace Joints, Patch Deck and Paint Beam Ends of Existing Bridge (SN 056-3149).

659'-8 3/4" Bk. to Bk. of Abuts.



**SUBSTRUCTURE LAYOUT AND COFFERDAM PLAN**



**PIER LAYOUT DETAIL**

**SUBSTRUCTURE AND COFFERDAM, LAYOUT PLAN**  
STRUCTURE NO. 056-3190

DESIGNED	SSM
CHECKED	RGD
DRAWN	WJH
CHECKED	RGD

FILE NAME: 090077-00-00-00  
PLOT NUMBER: 090077-00-00-00  
PEN TABLE: 090077-00-00-00

**HRGreen**  
HRGreen.com  
Illinois Professional Design Firm  
# 184-001322

WB CHARLES J. MILLER ROAD BRIDGE			DATE: 7/23/12		
SHEET NO.	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
S-04	3860	09-00372-00-PW	McHENRY	252	127
S-41 SHEETS			CONTRACT NO. 63633		
FED. ROAD DIST. NO. 1   ILLINOIS   FED. AID PROJECT					