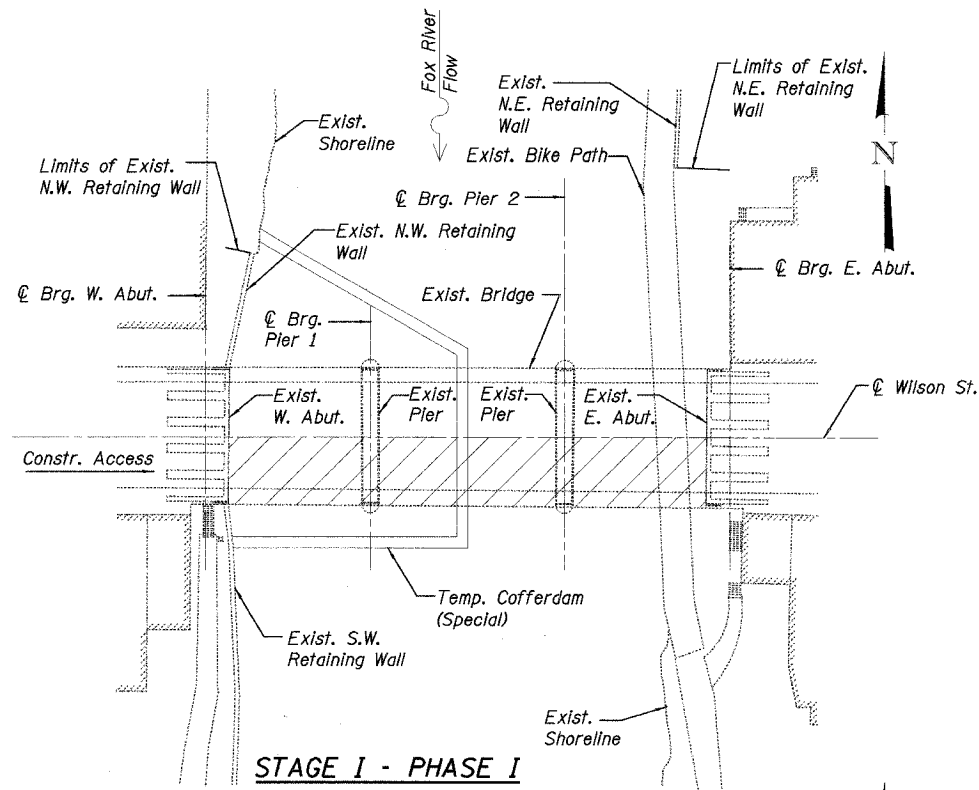


STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

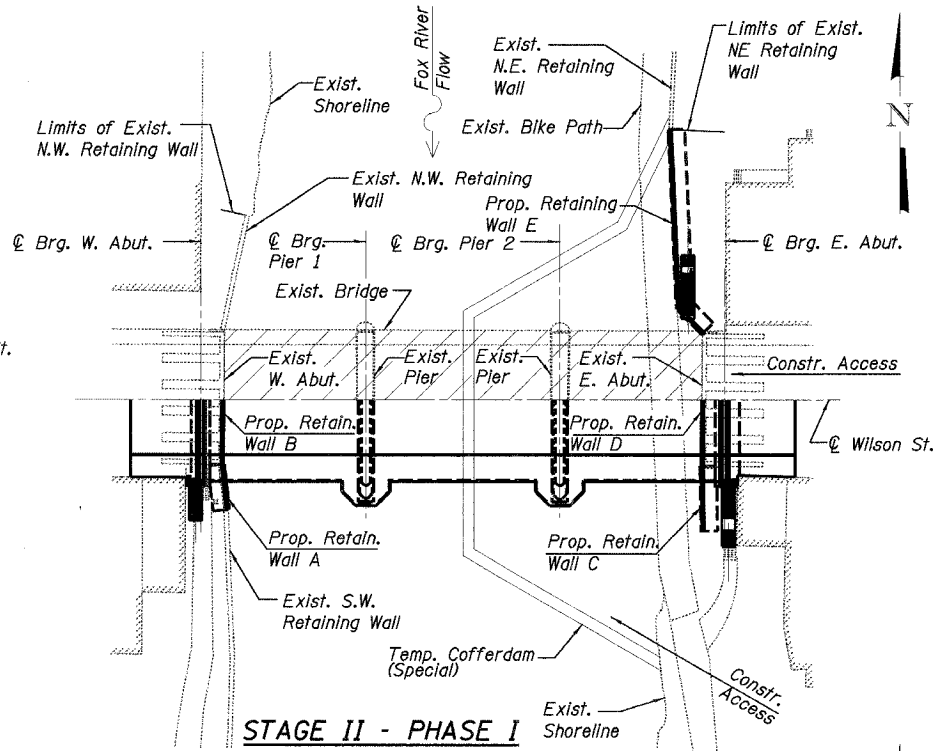
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FAU 1441	00-00059-00-BR	KANE	154	81
FED. ROAD DIST. NO. 7		ILLINOIS	PROJECT	

SHEET NO. S10
of 552 SHEETS

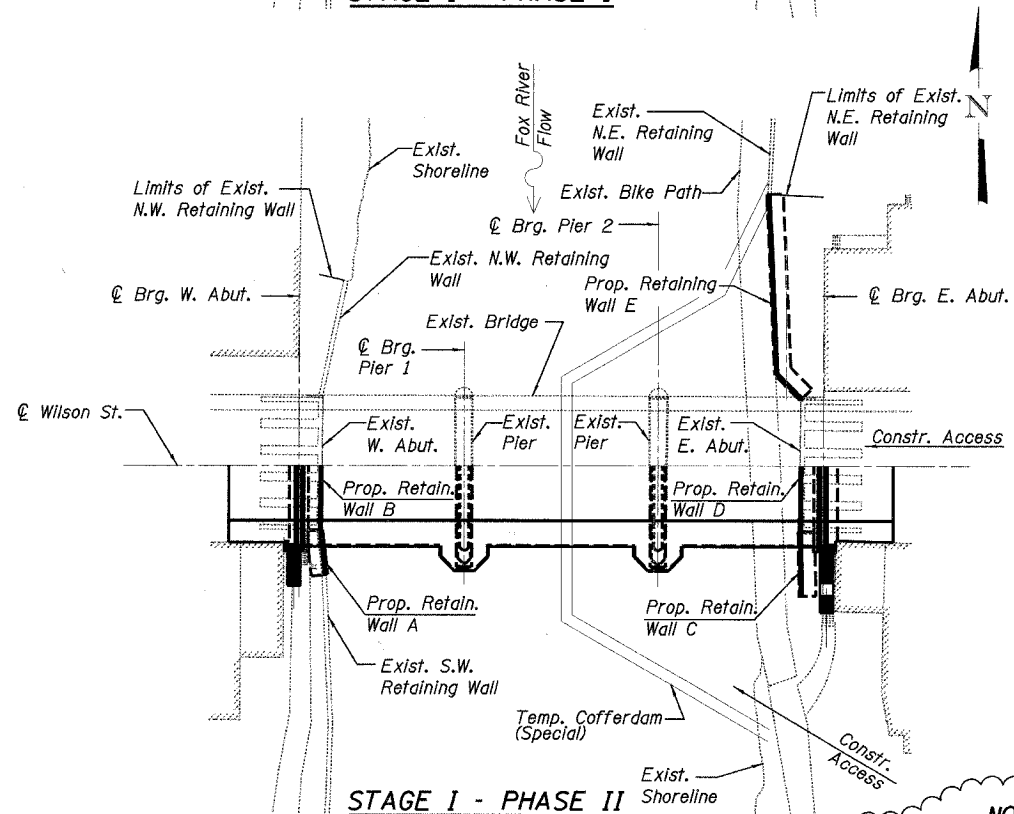
Contract # 83869



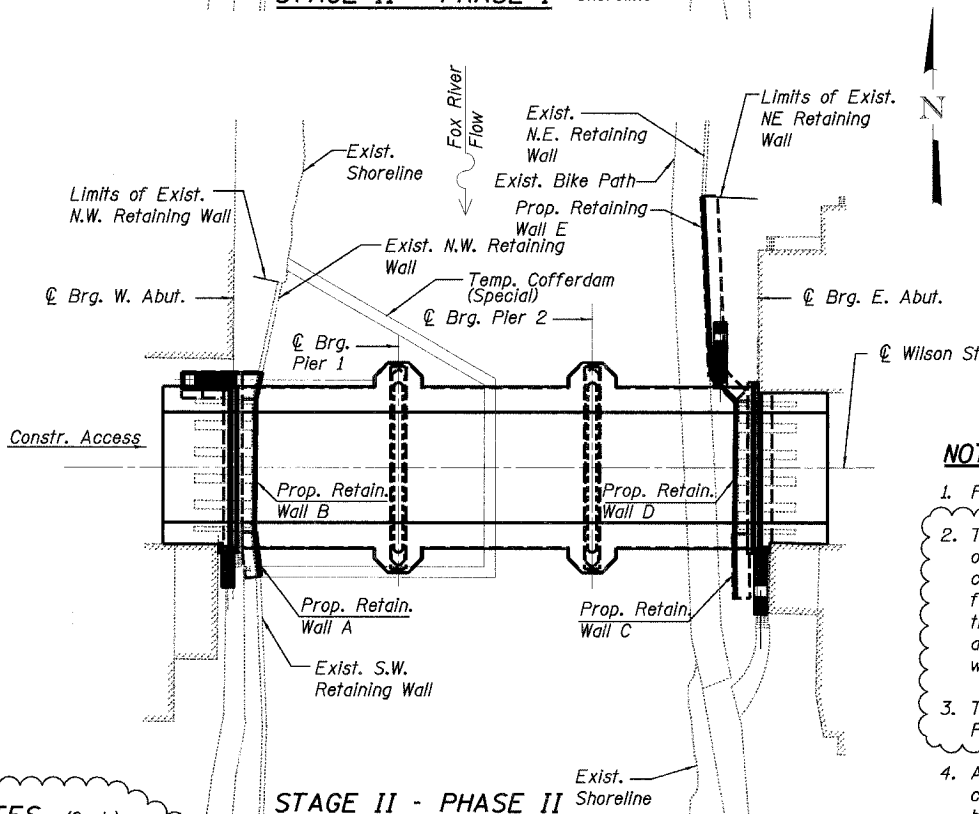
STAGE I - PHASE I



STAGE II - PHASE I



STAGE I - PHASE II



STAGE II - PHASE II

STAGE I - PHASE I

1. Temporarily close bridge to traffic.
2. Construct temporary soil retention wall.
3. Remove south-half of existing superstructure.
4. Open north-half of existing bridge to traffic.
5. Construct temporary cofferdam.
6. Begin constructing south-half of E. Abut and W. Abut.
7. Remove south-half of existing West Pier.
8. Begin constructing Retaining Walls A and B.
9. Construct south-half of proposed Pier 1.
10. Set superstructure falsework.
11. Remove temporary cofferdam.

STAGE I - PHASE II

1. Construct temporary cofferdam.
2. Begin constructing Retaining Walls C, D and E.
3. Remove south-half of existing East Pier.
4. Set superstructure falsework.
5. Construct south-half of proposed Pier 2.
6. Complete construction of south-half E. Abut. and W. Abut.
7. Cast superstructure and post-tension superstructure after it has reached the specified strength.
8. Remove falsework.

STAGE II - PHASE I

1. Use the same cofferdam as Stage I - Phase II.
2. Switch traffic to south-half of new bridge.
3. Remove north-half of existing superstructure.
4. Remove north-half of existing East Pier.
5. Construct north-half of proposed Pier 2.
6. Set superstructure falsework.
7. Begin construction of north-half of E. Abut. and W. Abut.
8. Complete construction of Retaining Wall C, D & E.
9. Remove cofferdam.

STAGE II - PHASE II

1. Construct temporary cofferdam.
2. Remove north-half of existing West Pier.
3. Construct north-half of proposed Pier 1.
4. Set superstructure falsework.
5. Complete construction of north-half of E. Abut. and W. Abut.
6. Cast superstructure and post-tension superstructure after it has reached the specified strength.
7. Remove falsework.
8. Complete construction of Retaining Wall A and B.
9. Remove cofferdam.

STAGE III

1. Construct deck slab closure
2. Construct Latex Modified Concrete Overlay

NOTES

1. For soil erosion and sediment control measures, see Civil Plans.
2. 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 excluding cofferdams and temporary falsework and forms per approval of the Engineer. This shall include the placement of material for run-arounds, causeways, etc. Any permit application by the Contractor shall refer to the IDNR permit number NE2006064 which was issued for the permanent construction.
3. Temporary cofferdams shall conform to the U.S. Army Corps of Engineers Permit No. LRC-2006-544 issued for this project.
4. All construction debris shall be removed from the riverbed prior to completion of the project and the riverbed and stream banks shall be restored to their original condition.

Revised 11-8-06

LEGEND

Removal

BRIDGE CONSTRUCTION SEQUENCE IV
WILSON ST OVER FOX RIVER
SECTION 00-00059-00-BR
KANE COUNTY
STRUCTURE NO. 045-6051

LOCHNER
H.W. LOCHNER, INC., CHICAGO, ILLINOIS

NOTES- (Cont.)

5. Discharges are as measured at the Fox River Algonquin Dam gauge.
6. Contractor shall remove loose material and equipment prior to overtopping.
7. Contractor shall remove at least 50' (as measured perpendicular to the flow) of the upstream and downstream legs of the cofferdam.
8. In addition, the Contractor will be required to notch or remove the cofferdam as directed by the Engineer.
9. Cofferdam shall not obstruct more than 50% of the existing low water opening.
10. Temporary falsework and forms shall not significantly impede normal flow.

COFFERDAM DESIGN INFORMATION

	Top of Cofferdam Elevation		
	661.6	659.5	658.0
Allow overtopping (See Note 6)	---	> 1950 cfs	> 1260 cfs
Notch (See Note 7)	> 3862 cfs	> 4890 cfs	> 5599 cfs
Remove	> 6674 cfs	> 6674 cfs	> 6674 cfs

Added 11-8-06 Discharges (See Note 5)

DESIGNED - DWH
CHECKED - RWC
DRAWN - EF
CHECKED - RWC

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