



CROSS SECTION - STAGE II CONSTRUCTION (Looking Upstation)

NOTES:

- Hatched area indicates "Removal Of Existing Structure."
- Temporary Concrete Barriers shall be provided for stage construction, see Standard 637001. Pay Item for "Temporary Concrete Barrier" is included in the Roadway Plans.
- If the Contractor chooses to alter the temporary cantilevered sheet piling design requirements shown on the plans, a design submittal including plan details and calculations will be required for review and acceptance by the Engineer. The calculations shall be prepared and sealed by and Illinois Licensed Structural Engineer.
- The Contractor shall connect the first sheet to the existing abutment wall to ensure stability of sheets driven to the top of the existing footing. This connection shall be reviewed and accepted by the Engineer and included in the cost for "Temporary Sheet Piling."
- Hard driving may be encountered during the sheet piling installation. The Contractor shall provide the appropriate driving equipment for the soil conditions indicated on the boring logs.
- All associated costs for the Cracked Abutment Wall Temporary Support System shall be included in the cost for "Temporary Sheet Piling."
- Anchor bolt threads shall not be in the plane of shear.
- Steel plate shall be grade 36 ksi or greater.

BILL OF MATERIAL

Item	Unit	Total
Temporary Sheet Piling	Sq. Ft.	1347

FILE = S:\Struct\1033004-Indiana Avenue\Design\Structural Drawings\1033004\Stage.dgn

REVISION	DATE	BY	REMARKS

**ILLINOIS DEPARTMENT OF TRANSPORTATION
BRIDGE REPLACEMENT
INDIANA AVENUE (CH 24) OVER TRIM CREEK**

WILLET HOFMANN & ASSOCIATES INC.
ENGINEERING ARCHITECTURE LAND SURVEYING
809 EAST 2ND STREET, DIXON, IL 61021-0367
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WILL COUNTY

**CONSTRUCTION STAGING AND TEMPORARY SHEET PILING LAYOUT
STRUCTURE NO. 099-3378
STRUCTURAL SHEET NO. 2 OF 19 SHEETS**

SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
01-00042-07-BR	WILL	58	15

STA. 47+00 - STA. 53+00
WHA #: 1033004 DATE: 6/9/2011

CONTRACT NO. 63617