All exposed concrete edges shall have a $\frac{3}{4}$ " x 45° chamfer, except where shown otherwise. Chamfer on vertical edges shall be continued a minimum of one foot below finished ground level.

Reinforcement bar bending dimensions are out to out.

Bars noted thus, 3x2-#5 indicates 3 lines of bars with 2 lengths of bars per

Contractor shall not scale dimensions from the Contract Plans for construction purposes.

No construction joints except those shown on the plans will be allowed unless approved by the Engineer.

It shall be the Contractor's responsibility to verify the location of all utilities prior to starting construction. Contact J.U.L.I.E., 800-892-0123

Temporary soil retention systems, sheeting, bracing or cofferdams shall be constructed at the locations shown on the plans and/or as required for the excavation to protect the adjacent areas from settling or falling into the excavated areas.

The soil boring logs represent point information. Presentation of this information in no way implies that subsurface conditions are the same at locations other than the exact location of the boring.

Layout of the slope protection system may be varied to suit ground conditions in the field as directed by the Engineer.

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 the cofferdam shown. This shall include the placement of material for run-grounds, causeways, etc. Any permit application by the Contractor shall reference IDNR Permit No. NE2014057 allowing! permanent and cofferdam construction as shown in these plans. The Contractor shall remove all temporary piling, cofferdams, falsework and material incidental to the construction of the project upon project completion. The execution and details of the work authorized by IDNR shall be subject to review and approval of

The Contractor shall make allowance for the deflection of forms, shrinkage and settlement of falsework, in addition to allowance for dead load deflection. Forms for bridge slab shall be removed prior to placement of bridge approach

The Contractor will be required to work in the vicinity of and under relocated power and other aerial utility lines and poles. This work will include driving piles and other operations with equipment that meets OSHA requirements for minimum clearance distance to the power lines, in addition to pile splices. The cost of all work in the vicinity of and under the aerial utility lines and poles shall be included in the unit bid price for each affected pay item. No additional compensation will be provided for any work affected by the presence of the aerial utility lines and poles, and any damage to these lines and/or poles must be repaired to the satisfaction of the Engineer at the Contractor's expense.

Prior to commencement of any in-stream work, the Contractor shall submit construction plans and a detailed narrative to the Engineer for submittal to the Kane-DuPage Soil and Water Conservation District that disclose the Contractor's preferred method of cofferdam construction and dewatering. Work in the waterway shall not commence until the Kane-DuPage Soil and Water Conservation District notifies the Engineer, in writing, that the plans have been approved.

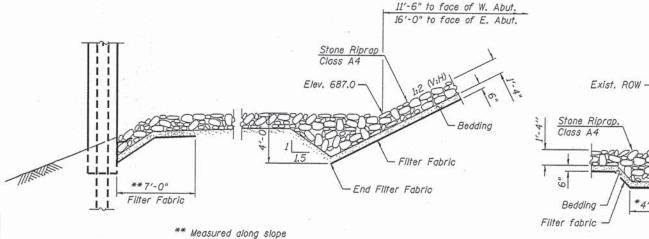
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TOTAL BILL OF MATERIAL

ITEM .	UNIT	SUPER	SUB	TOTAL
Stone Riprap, Class A4	Sq. Yd.	-	790	790
Filter Fabric	Sq. Yd.		488	488
Removal of Existing Structures	Each	0.5	0.5	1
ructure Excavation		-	480	480
Cofferdam (Type 1) (Location-1)	Each	-	1	1
Cofferdam Excavation	Cu. Yd.	-	27.1	27.1
Concrete Structures	Cu. Yd.	40.4	307.2	347.6
Concrete Superstructure	Cu. Yd.	1.412.7	-	1.412.7
Protective Coat	Sq. Yd.	2.430	-	2.430
Bridge Deck Grooving	Sq. Yd.	1.259	-	1,259
Reinforcement Bars, Epoxy Coated	Pound		43.050	230.030
Parapet Railing, Special	Foot	503	-	503
Furnishing Steel Piles HP14x73	Foot	-	4.072	
Driving Piles	Foot	-	4.072	4.072
Test Pile Steel HP14x73	Each	-	5	5
Pile Shoes	Each	-	78	78
Name Plates	Each	1	-	1
Geocomposite Wall Drain	Sq. Yd.		66	66
Pipe Underdrains for Structures, 4"	Foot	-	200	200
Granular Backfill for Structures	Cu. Yd.	-	100.1	100.1
Concrete Bridge Rail, Sidewalk Mounted	Foot	473	-	473
Drainage Scupper, DS-12M10	Each	2	-	2
Furnishing, Installing and Stressing Post-Tensioning Tendons	L. Sum	1		1
Anti-Graffiti Coating	Sa. Ft.		4,460	4,460
Stone Pier	Each	12	-	12
The second secon				

^{***}See sheet S-10 for concrete strength requirements.



SECTION A-A

SECTION B-B

*4'-0"

End Filter

Fabric

* Decrease dimension as required along wingwalls.

NAME PLATE See Std. 515001

WEST BRANCH OF

DUPAGE RIVER BUILT 201 BY

DUPAGE COUNTY SEC. 12-00220-03-BR

F.A.U. RTE. 1479 STA. 11+09.25 STR. NO. 022-3045 LOADING HL-93

DESIGNED - DE BOWMAN, BARRETT & ASSOCIATES INC. USER NAME = REVISED - A 01/21/2015 BAK CONSULTING ENGINEERS
Chicago, Illinois
312.228.0100
www.bbandainc.com CHECKED - BAK REVISED -PLOT SCALE = DRAWN REVISED -PLOT DATE = 10/20/2014 CHECKED - DF REVISED -

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

GENERAL DATA TOTAL SHEE NO. SECTION COUNTY **STRUCTURE NO. 022-3045** 12-00220-03-BR DUPAGE 103 50 CH 32 WARRENVILLE ROAD CONTRACT NO. 61A87 SHEET NO. S-2 OF S-40 SHEETS ILLINOIS FED. AID PROJECT