## TOTAL BILL OF MATERIALS € Brg. E. Abut. ——! S.N. 016-1713 Existing North Retaining DESCRIPTION UNIT TOTAL SUPER Wall to be Modified 381 GRANULAR BACKFILL FOR STRUCTURES CU. YD. 381 REMOVAL OF EXISTING STRUCTURES, NO. 1 EACH 1'-6" PROTECTIVE SHIELD SQ. YD. 1431 1431 Wingwall STRUCTURE EXCAVATION CU. YD. 1529 1529 -Outside edge of CONCRETE STRUCTURES CONCRETE SUPERSTRUCTURE 426 426 CU. YD. slopewali 1076 1076 CU. YD. BRIDGE DECK GROOVING SQ. YD. 1643 1643 FORM LINER TEXTURED SURFACE SQ. FT. 1244 1244 PROTECTIVE COAT SQ. YD. 3079 Portion of existing FURNISHING AND ERECTING STRUCTURAL STEEL L. SUM 0.51 0.51 abutment to remain Existing Counterforts STUD SHEAR CONNECTORS EACH 8622 8622 to remain (typ.) REINFORCEMENT BARS 614360 614360 POUND REINFORCEMENT BARS, EPOXY COATED POUND 194700 346430 541130 BAR SPLICERS EACH 144 144 – Bk. E. Abut SECTION B-B MECHANICAL SPLICERS 1368 1368 EACH - Concrete Slopewall SLOPE WALL 4 INCH SQ. YD. 50 50 \*\*Preformed Flexible Foam Expansion Slopewall to NAME PLATES EACH Joint Filler according to 460 460 be sloped to PERMANENT CASING FOOT Article 1051.09 of Standard DRILLED SHAFT IN SOIL CU. YD. 1403 1403 √ drain Specifications. Full depth of slab, DRILLED SHAFT IN ROCK 12 12 CU. YD. full length of slab. € Harrison St. PREFORMED JOINT STRIP SEAL 143 143 FOOT & PGL Pipe Underdrains ELASTOMERIC BEARING ASSEMBLY, TYPE I EACH 24 24 for Structures 4" 48 48 ANCHOR BOLTS, 1 1/4" EACH to tie into Drainage 24 ANCHOR BOLTS, 1 1/2" EACH 24 Structure S-51 6"∮ Slopewall Drain. (cost CONCRETE SEALER SQ. FT. 7472 7472 included in Pipe Underdrains EPOXY CRACK INJECTION FOOT 14 for Structures 4") GEOCOMPOSITE WALL DRAIN 62 62 SQ. YD. CHAIN LINK FENCE,4' FOOT 99 99 Drainage STRUCTURAL REPAIR OF CONCRETE (Depth equal or less than 5") SQ. FT. 154 154 Structure S-51 ↑ Slopewall to ) be sloped to PIPE UNDERDRAINS FOR STRUCTURES 4" FOOT 182 182 (See Civil Plans) CLASS SI CONCRETE MISCELLANEOUS CU. YD. 41 41 drain DECORATIVE RAILING (PARAPET MOUNTED) FOOT 620 620 2297 SOIL RETENTION SYSTEM SQ. FT. 2297 TEMPORARY SOIL RETENTION SYSTEM SQ. FT. 2525 2525 4"∮ perforated pipe drain to tie into 303 SQ. FT. TEMPORARY SOIL RETENTION SYSTEM (SPECIAL) 303 Drainage Structure S-51. Existina — CROSSHOLE SONIC LOGGING EACH (cost included in Pipe Underdrains - € of Brg. Retaining Wall Limits of Structure Limits of Earth Excavation for Structures 4") -Granular Backfill 3′-0" to Remain (see Civil Plans) Excavation (see Special Provisions) Existina South Retaining Wall to be Modified Approach slab EAST ABUTMENT PLAN — Granular Backfill (see Special Provisions) Approach slab 5"Φ .Slopewall Excavation is paid for as Bk. of Abut. Structure Excavation 2'-0" - Bk. of Abut. Wall Drain 1'-0'' min. full lenat Excavation is paid for as \*Geotechnical Fabric for Structure Excavation French Drains ·\*Drainage Aggregate Concrete Fascia Portion of Existing Panel 4"∮ perforated pipe drain Abutment to Remain full length Exist, Counterforts -Geocomposite ∙4′′ ¢ Perforated to Remain Wall Drain pipe drair etween Shafts SECTION A-A THRU CONCRETE Bk. of Abut. \*Drainage SLOPEWALL EAST ABUTMENT aggregate SECTION THRU EAST ABUTMENT \*4'' \phi Perforated -1'-0" -Polyethlene Film to prevent water with cement pipe drain NOTES: from contaminating drainage aggregate. Cost included in Pipe Underdrain for Structures 4", \*Geotechnical filter 1. Slope wall shall be reinforced with welded wire fabric, 6 in. x 6 in. - W4.0 x W4.0, fabric for weighing 58 lbs. per 100 sq. ft. Cost included in Slope Wall 4 Inch pay item. french drains West abutment drainage system components shall extend to the soil retention system to the south and tie into the retaining wall (SN 016-1802) underdrain to the north. 2. Work this sheet with sheets S1-38 and S1-39. SECTION THRU WEST ABUTMENT East abutment drainage system components shall extend the full width of the abutment \*\*1:4 (V:H) \*Included in the cost of Pipe Underdrains for Structures 4". and tie to drainage structure S-51. USER NAME = dunkerleyb DESIGNED - EJO REVISED F.A.I. RTE. TOTAL BILL OF MATERIAL AND ABUTMENT SECTIONS SECTION COUNTY **AECOM** STATE OF ILLINOIS CHECKED ATB REVISED 90/94/290 2013-008R COOK 559 253 STRUCTURE NO. 016-1713 DRAWN BRD REVISED **DEPARTMENT OF TRANSPORTATION**

CONTRACT NO. 60W26

SHEET NO. S1-03 OF S1-48 SHEETS

LOT DATE = 9/15/2013

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