SHEET NO. 1 Bench Mark: Chiseled "
on retaining wall at the N.W. corner of I-55 NBL S.N. 068-0038 Sta. 1065+39.50, 35' Lt. STATE OF ILLINOIS F.A.S. 111B-2 MONTGOMERY 145 64 DEPARTMENT OF TRANSPORTATION 1769 Existing Structure: S.N. 068-0054 Built in 1949 as SBI 126. Section 111-R-B at Sta. 1067+45.30. Contract #72A63 Existing structure consists of single-span, concrete T-beam structure, with 7" concrete slab and concrete bridge railing. In 2006, the bridge was made integral to the abutments by encasing the beam ends and tying the superstructure to the abutment. The bridge has an overall length of 65'-0" measured back to back of abutments and a width of 43'-4". The Roadway will be closed during construction. No Salvage € F.A.S. 1769 Proposed -2'-2" min. cl. & P.G.L. __Traffic Barrier Terminal Type 6A Improvement -D.H.W. Elev. 625.14 (typ. at 4 corners) 221-0" Creek -Steel Railing, Type 2399 LOCATION SKETCH 234" Drop 2 " Drop -54" T-Beam Structure Beam ends encased Concrete Handrail and made integral (2006) (To Be Removed) X-4-4-Streambed -See Longitudinal Joint Stone Riprap Waterproofing Membrane System with Detail Sheet 2 of 3 Class A4 1'2" HMA Surface Course Overlay CROSS SECTION (See Section 582 of the Standard Specifications) ELEVATION 65'-0" end-to-end of rail Bk. S. Abut. Bk. N. Abut. Stone Riprap. Class A4 2'-3" 11 Rail Post Spaces @ 5'-5" = 60'-6" LOADING H20-S16 GENERAL NOTES WASSELLE Reinforcement bars shall conform to the requirements of ASTM A -Limits of Riprap DESIGN SPECIFICATIONS 706 Gr 60. See Special Provisions. for Frontage Road 2002 AASHTO Structure Reinforcement bars designated (E) shall be epoxy coated. Retaining Walls— Filter fabric **DESIGN STRESSES** continue to S.N. 068-0039 \$ Plans dimensions and details relative to existing plans are subject to routine variations. The Contractor shall field verify existing dimensions SECTION A-A PROPOSED FIELD UNITS f'c = 3,500 psi and details affecting new construction and make necessary approved fy = 60,000 psi (Reinforcement) adjustments prior to construction or ordering of materials. Such EXISTING FIELD UNITS variations shall not be cause for additional compensation for a change in scope of the work, however, the Contractor will be paid for the fc = 1.200 psi (superstructure) quantity actually furnished based upon the unit fs = 20,000 psi bid price for the work. fc = 800 psi (substructure) n = 10Existing Name Plate shall be cleaned and remounted on Steel Rail. Cost Included in Concrete Removal. Bk. S. Abut. / Sta. 1067+77.80 TOTAL BILL OF MATERIAL r-€ F.A.S. 1769 & P.G.L. Sq. Yd. 588 Stone Riprap, Class A4 INDEX OF SHEETS | Sq. Yd. | 588 | Cu. Yd. | 8 Stations -See Lonaitudinal Filter Fabric Bk. N. Abut. Sta. 1067+12.80 Increase 44° 29′ Concrete Removal 1 General Plan Joint Detail Sheet Cu. Yd. 5.5 2 Deck Patching Plan & Details Concrete Superstructure Pound 1240 3 Steel Railing Details Reinforcement Bars, Epoxy Coated Waterproofing Membrane System Sq. Yd. 289 Foot 130 **APPROVED** Steel Railing, (Special) Deck Slab Repair (Full Depth Type II) Sq. Yd. 4.0 FOR STRUCTURAL ADEQUACY ONLY Deck Slab Repair (Partial) Sq. Yd. 37.4 Relph E. audersu Polymerized HMA Surface Course, Ton 24.3 Mix E. N105 1 1 1 Existing Name Plate to ILLINOIS DEPARTMENT OF TRANSPORTATION be Cleaned & Remounted 65'-0" Bk. to Bk. Abutments GENERAL PLAN W. FR. IL 55 OVER MACOUPIN CREEK F.A.S. 1769 (FR I-55) - SEC. 111B-2 MONTGOMERY COUNTY STATION 1067+45.30 Structural Engineer License No. 081-006042 STRUCTURE NO. 068-0054 **4** A Expiration Date: 11/30/2008 Stone Riprap

Class A4

DATE: 02-08

DRAWN BY: MLO CHECKED BY: PBB

PLAN