GENERAL PLAN & ELEVATION

SC-2 GENERAL NOTES, INDEX OF SHEETS & TOTAL BILL OF MATERIAL

SC-3 CONSTRUCTION STAGING

* SC-4 CANTILEVER FORMING BRACKETS

* SC-5 EXISTING STRUCTURE REMOVAL

TEMPORARY SOIL RETENTION SYSTEM & MISCELLANEOUS DETAILS * SC-6

* SC-7 SUBSTRUCTURE LAYOUT

SC-8 SCREED PLAN & DEAD LOAD DEFLECTIONS

SC-9 TOP OF SLAB ELEVATIONS - I

SC-10 TOP OF SLAB ELEVATIONS - II

SC-11 TOP OF SLAB ELEVATIONS - III

* SC-12 I-55 SOUTHBOUND DECK PLAN & CROSS SECTION

* SC-13 I-55 NORTHBOUND DECK PLAN & CROSS SECTION

* SC-14 DECK DETAILS & BAR LISTS

* SC-15 PARAPET ELEVATION, SECTIONS, DETAILS, & BAR LISTS

* SC-16 SCUPPER DETAILS

* SC-17 EXPANSION JOINT DETAILS - I

* SC-18 EXPANSION JOINT DETAILS - II

SC-19 FRAMING PLAN & BEAM ELEVATION

SC-20 SPLICE DETAILS, MOMENT & REACTION TABLES, TOP OF BEAM ELEVATIONS

SC-21 DIAPHRAGM DETAILS

SC-22 BEARING DETAILS

SC-23 ANCHOR BOLT DETAILS

* SC-24 NORTH ABUTMENT - SB, SOUTH ABUTMENT - NB WIDENING - 1

* SC-25 NORTH ABUTMENT - SB, SOUTH ABUTMENT - NB WIDENING - 2

* SC-26 SOUTH ABUTMENT - SB, NORTH ABUTMENT - NB WIDENING - 1

* SC-27 SOUTH ABUTMENT - SB, NORTH ABUTMENT - NB WIDENING - 2

* SC-28 PIER 1 WIDENING

* SC-29 PIER 2 WIDENING

* SC-30 PIER 3 WIDENING

* SC-31 PIER REPAIR ELEVATIONS - I

* SC-32 PIER REPAIR ELEVATIONS - II

* Sheet not Applicable to this Contract and Not Included

* SC-33 PIER REPAIR ELEVATIONS - III

* SC-34 BAR SPLICER DETAILS * SC-35 TEMPORARY CONCRETE BARRIER FOR STAGE CONSTRUCTION

* SC-36 BORING LOGS - I

* SC-37 BORING LOGS - II

* SC-38 BORING LOGS - III

GENERAL NOTES

- 1. Fasteners shall be high strength bolts. Bolts $^{7}8$ " ϕ , open holes $^{15}8$ " ϕ unless otherwise noted.
- 2. Calculated weight of Structural Steel: M 270 Grade 50 = 103,270 lbs. M 270 Grade 36 = 12,220 lbs. Structural Steel to be furnished under pay item Furnishing Structural Steel. The listed weight includes weight of structural framing, side retainers, adjusting shim plates for bearings, fasteners, washers and fixed bearings.
- ** Calculated weight of Anchor Bolts = 340 lbs. Anchor bolts will be provided by Erection Contractor.
 - 3. All structural steel shall be AASHTO M 270 Grade 50 unless otherwise noted.
- ** 4. Field welding of construction accessories will not be permitted to beams or girders.
- ** 5. Anchor bolts shall be set before bolting diaphragms over supports.
 - 6. The main load carrying member components subjects to tensile stress shall conform to the Supplemental Requirements for Notch Toughness Zone 2. These components are the wide flange beams and all splice plate material except fill plates.
- ** 7. Plan dimensions and details relative to existing structure have been taken from existing plans and are subject to nominal construction variations. It shall be the Contractor's responsibility to verify such dimensions and details in the field and make necessary approved adjustments prior to construction or ordering of materials. Such variations shall not be cause for additional compensation for a change in the scope of the work; however, the Contractor will be paid for the quantity actually furnished at the unit price for the work.
 - 8. Bearing seat surfaces shall be constructed or adjusted to the designated elevations within a tolerance of Ig inch. Adjustment shall be made either by grinding the surface or by shimming the bearing. Two 18" adjusting shims, of the dimensions of the bottom bearing plate, shall be provided by the Fabrication Contractor for each bearing in addition to all other plates or shims. For Type 1 Elastomeric Bearings, two g adjusting shims shall be provided by the Fabrication Contractor for each bearing and placed as detailed.
 - 9. The organic zinc rich primer/epoxy/urethane paint system shall be used for painting of new structural steel except where otherwise noted. The entire system shall be shop applied, with the exception that masked off connection surfaces, field installed fasteners and damaged areas shall be touched up in the field by the Erection Contractor. The color of the final finish coat for all steel surfaces shall be gray, Munsell No. 5B 7/1. See Special Provision for Cleaning and Painting New Metal Structures.
- ** These notes included in Fabrication Contract for information only.

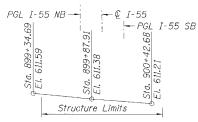
TOTAL BILL OF MATERIAL

ITEM	UNIT	TOTAL	
Furnishing Elastomeric Bearing Assembly, Type I	Each	8	1
Furnishing Elastomeric Bearing Assembly, Type II	Each	8	1
Furnishing Structural Steel	L Sum	0.25	
Storage of Structural Steel and Bearings	Unit	87	***

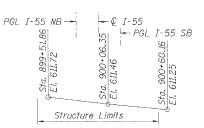
*** Refer to Special Provision Furnishing Structural Steel and Bearings for definition of Storage Unit, Quantity for Storage Unit is based on storing 25% of the steel weight for 30 calendar days.

2.1391/ Structure Limits LVC = 1600'

PROFILE OF PGL I-55 NB & SB (Developed from Survey Data)



PROFILE OF U.S. ROUTE 30 WB (From Survey)



PROFILE OF U.S. ROUTE 30 EB (From Survey)

SHT. SC-2 OF 38

REVISIONS

ILLINOIS DEPARTMENT OF TRANSPORTATION FAI ROUTE 55 (I-80 TO WEBER ROAD) BEAM AND BEARING FABRICATION SB & NB I-55 OVER US RTE, 30, S.N. 099-0016 & 099-0017 STA. 587+80.82, SECTION 2005-063 I WILL COUNTY

> GENERAL NOTES, INDEX OF SHEETS & TOTAL BILL OF MATERIAL

SCALE: DATE 05/19/06 DRAWN BY PA

TENG

CHECKED BY MJK TENG & ASSOCIATES, INC. ENGINEERS/ARCHITECTS/PLANNERS CHICAGO, ILLINOIS

DATE VAME SCALE NAME

MORCOM, N.V., INC.

CONSULTING ENGINEERS CHICAGO, ILLINOIS