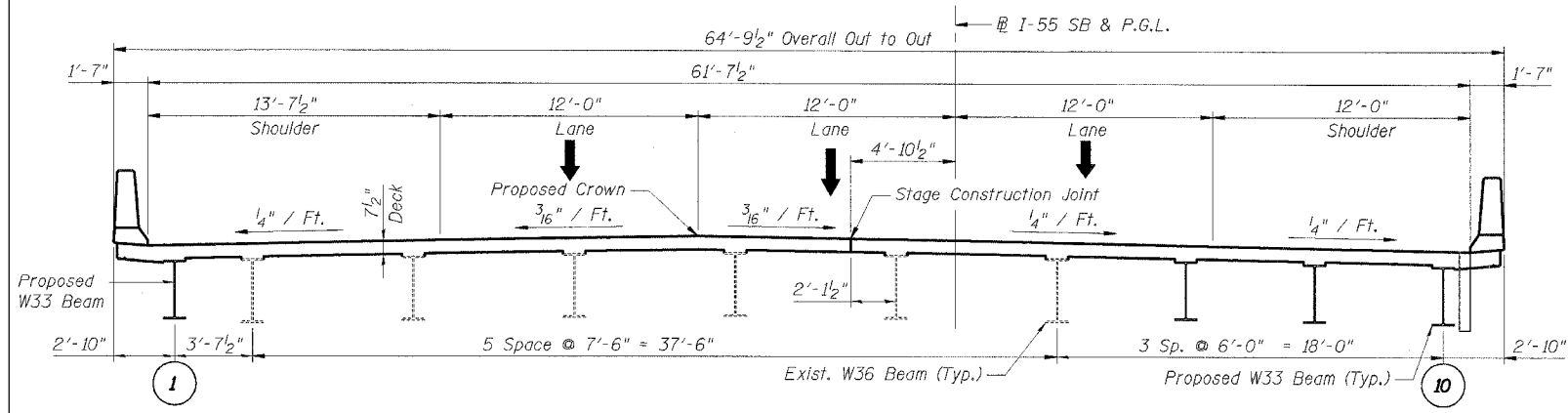
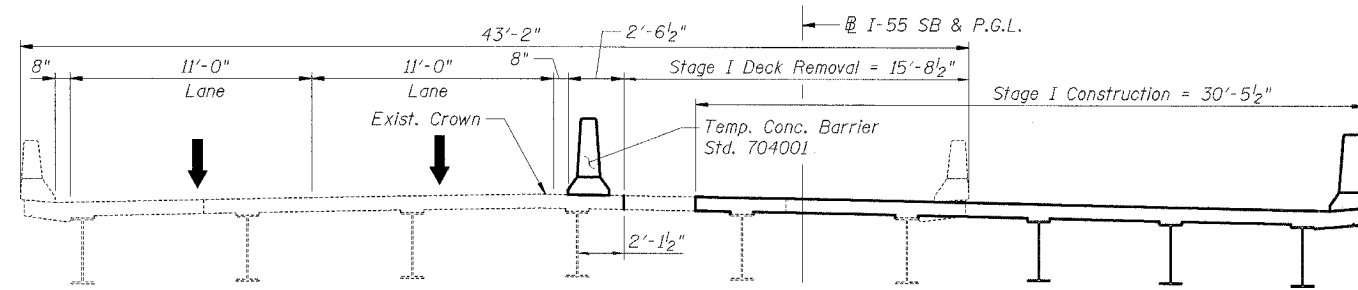


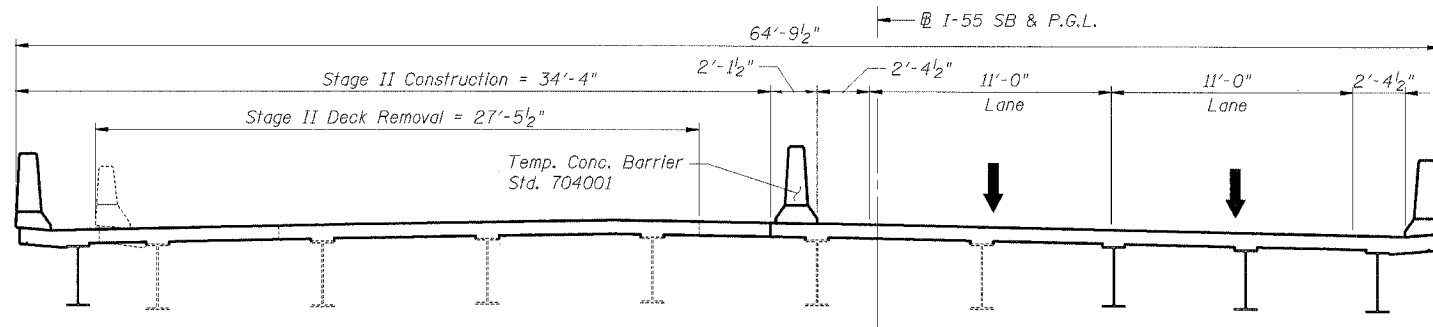
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	2005-063 I	WILL	50	4
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



PROPOSED CROSS SECTION
(In direction of increasing station)



STAGE I REMOVAL AND CONSTRUCTION
(In direction of increasing station)



STAGE II REMOVAL AND CONSTRUCTION
(In direction of increasing station)

NOTES:

- Fasteners shall be high strength bolts. Bolts 7/8" ϕ , open holes 15/16" ϕ , unless otherwise noted.
- Calculated weight of Structural Steel: M 270 Grade 50 = 100,370 lbs.
M 270 Grade 36 = 9,640 lbs.

Structural Steel to be furnished under pay item Furnishing Structural Steel. The listed weight includes weight of structural framing, adjusting shim plates for bearings, fasteners, washers, and fixed bearings.
- Calculated weight of Anchor Bolts = 90 lbs.
Anchor bolts will be provided by Erection Contractor.
- All structural steel shall be AASHTO M 270 Grade 50, unless otherwise noted.
- Field welding of construction accessories will not be permitted to beams or girders.
- Anchor bolts shall be set before bolting diaphragms over supports.
- The main load carrying member components subject 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.
- 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.
- Substructure elevations have been adjusted down 0.35 feet from 1994 plans to account for datum change.
- Bearing seat surfaces shall be constructed or adjusted to the designated elevations within a tolerance of 1/8". Adjustment shall be made either by grinding the surface or by shimming the bearing. Two 1/8" 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.
- 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 interior steel surfaces shall be gray, Munsell No. 5B 7/1. The color of the final finish coat for the exterior and bottom flange of the fascia beams shall be Reddish-Brown, Munsell No. 2.5YR 3/4. See Special Provision for Cleaning and Painting New Metal Structures.

** These notes included in Fabrication Contract for information only.

INDEX OF SHEETS

- SA-1 GENERAL PLAN & ELEVATION; TOTAL BILL OF MATERIAL
- SA-2 CONSTRUCTION STAGING SECTIONS; GENERAL NOTES; INDEX OF SHEETS
- SA-3 SLOPEWALL & ABUTMENT BACKFILL DETAILS, I-55 SB & CSX RR PROFILE GRADES
- * SA-4 SUBSTRUCTURE LAYOUT; TEMPORARY SOIL RETENTION DETAILS & ELEVATIONS
- SA-5 SCREED PLAN; DEAD LOAD DEFLECTION DIAGRAM; TOP OF SLAB ELEVATIONS
- SA-6 TOP OF SLAB ELEVATIONS
- * SA-7 DECK PLAN & CROSS SECTION
- * SA-8 PARAPET ELEVATION; DECK & PARAPET SECTIONS & DETAILS; DRAIN & CONDUIT DETAILS, BAR LIST
- * SA-9 SOUTH INTEGRAL BACKWALL; ELEVATIONS, SECTIONS, DETAILS, BAR LIST
- * SA-10 NORTH INTEGRAL BACKWALL; ELEVATIONS, SECTIONS, DETAILS, BAR LIST
- SA-11 FRAMING PLAN & ELEVATION; TOP OF BEAM ELEVATIONS; SHEAR STUD DETAILS

INDEX OF SHEETS (cont'd)

- SA-12 BEARING DETAILS; MOMENT & REACTION TABLES; SPLICE & DIAPHRAGM DETAILS
- SA-13 ANCHOR BOLT DETAILS
- * SA-14 NORTH ABUTMENT PLAN; ELEVATION, SECTIONS, BAR LIST
- * SA-15 SOUTH ABUTMENT PLAN; ELEVATION, SECTIONS, BAR LIST
- * SA-16 PIER 1 & 2 PLAN; ELEVATION, SECTIONS, BAR LIST
- * SA-17 BAR SPICER DETAILS
- * SA-18 TEMPORARY CONCRETE BARRIER
- * SA-19 BORING LOGS - 1
- * SA-20 BORING LOGS - 2
- * SA-21 BORING LOGS - 3

* Sheet not Applicable to this Contract and Not Included

PLOT DATE = 05/19/06
 FILE NAME = 051906.DWG
 PLOT SCALE = 1/8"=1'-0"
 USER NAME = J15056

SHT. SA-2 OF 21

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 FAI ROUTE 55 (I-80 TO WEBER ROAD)
 BEAM AND BEARING FABRICATION
 SB I-55 OVER CSX RAILROAD, S.N. 099-0312
 STA. 167+72.58, SECTION 2005-063 I
 WILL COUNTY

**CONSTRUCTION STAGING SECTIONS,
 GENERAL NOTES
 INDEX OF SHEETS**

SCALE: DRAWN BY: MOB
 DATE: 05/19/06 CHECKED BY: MJK

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