STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

GENERAL NOTES

Fasteners shall be ASTM A 325 Type 1, mechanically galvanized bolts. Bolts $^{3}/_{4}$ in. ϕ, holes $^{15}/_{16}$ in. ϕ, unless otherwise noted.

Calculated weight of Structural Steel
AASHTO M270, Grade 50 = 1,213,350 Pounds
AASHTO M270, Grade 36 = 47,520 Pounds

No field welding is permitted except as specified in the contract documents.

Reinforcement bars designated (E) shall be epoxy coated.

If the Contractor elects to use cantilever forming brackets on the exterior beams or girders, the brackets shall be placed at the same locations as required for the hardwood blocks in Article 503.06(b) of the Standard Specifications. If additional cantilever forming brackets are required, hardwood blocking shall be wedged between the exterior and first interior beam at each of these additional bracket locations.

Bearing seat surfaces shall be constructed or adjusted to their designated elevations within a tolerance of $^{1}/_{8}$ inch (0.01 ft.). Adjustment shall be made either by grinding the surface or by shimming the bearings.

Concrete Sealer shall be applied to the designated areas of the East and West Abutments. This includes backwalls, bridge seats and 2′ along front face of abutment.

The existing structural steel coating contains lead. The Contractor shall take appropriate precautions to deal with the presence of lead on this project.

The Inorganic Zinc Rich Primer / Acrylic / Acrylic Paint System shall be used for shop and field painting of new structural steel except where otherwise noted. 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 Interstate Green, Munsell No. 7.5G 4/8.

The embankment configuration shown shall be the minimum that must be placed and compacted prior to the construction of the abutments.

The concrete for bridge decks finished according to Article 503.16(a) of the Standard Specifications shall be placed and compacted parallel to the skew in uniform increments along centerline of bridge. The machine used for finishing shall be set parallel to the skew for striking off and screeding concrete.

When the deck pour is stopped for the day at one or more of the transverse bonded construction joints in the deck pouring sequence as shown, the next pour shall not be made until both of the following are met:

1. At least 72 hours shall have elapsed from the end of the previous pour.
2. The concrete strength shall have attained a minimum flexural strength of 650 psi or a minimum compressive strength of 3500 psi.

Slip forming of the parapets is not allowed.

TOTAL BILL OF MATERIAL

ITEM	UNIT	SUPER	SUB	TOTAL
Porous Granular Embankment	Cu. Yd.		225	225
Granular Backfill for Structures	Cu. Yd.		535	535
Protective Coat	Sq. Yd.	3701		3701
Removal of Existing Structures	Each	1		1
Protective Shield	Sq. Yd.	1879		1879
Structure Excavation	Cu. Yd.		874	874
Concrete Structures	Cu. Yd.		599.1	599.1
Concrete Superstructure	Cu. Yd.	1028.2		1028.2
Bridge Deck Grooving	Sq. Yd.	2362		2362
Concrete Encasement	Cu Yd		28	28
Furnishing and Erecting Structural Steel	L. Sum	1		1
Stud Shear Connectors	Each	7452		7452
Reinforcement Bars, Epoxy Coated	Pound	264,700	77,490	342,190
Bar Splicers	Each	196		196
Bicycle Railing	Foot	445		445
Parapet Railing	Foot	437		437
Slope Wall, 4 Inch	Sq Yd		947	947
Furnishing Steel Piles HP 10 x 42	Foot		2863	2863
Driving Piles	Foot		2863	2863
Test Pile Steel HP 10 x 42	Each		3	3
Name Plates	Each	1		1
Preformed Joint Strip Seal	Foot	197		197
Elastomeric Bearing Assembly, Type II	Each	18		18
Anchor Bolt, 1½″	Each	54		54
Concrete Sealer	Sq. Ft.		2397	2397
Geocomposite Wall Drain	Sq. Yd.		197	197
Pipe Underdrains for Structures 4"	Foot		244	244
Braced Excavation	Cu Yd		349	349
Drainage Scuppers, DS-12	Each	20		20
Drainage System	L Sum	1		1

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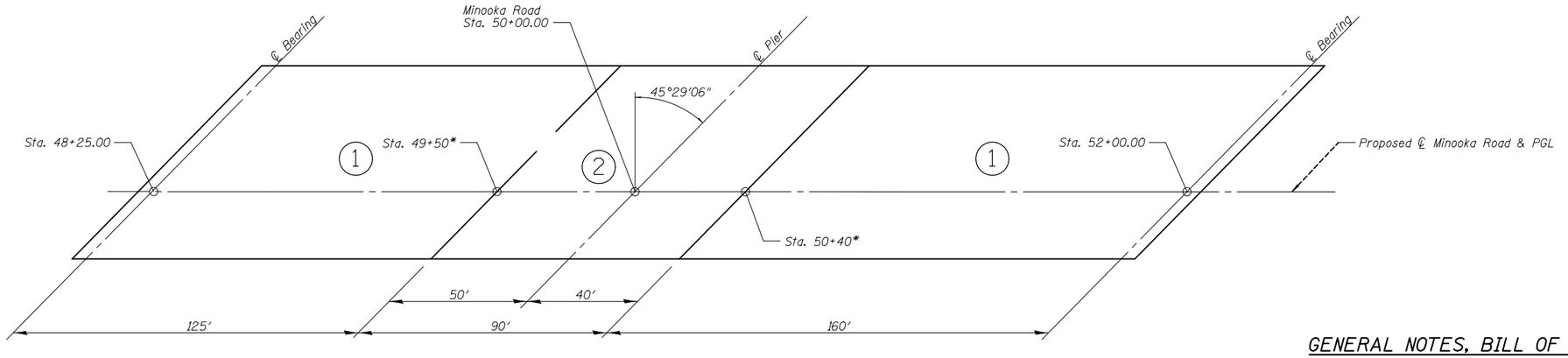
STATION 50+00.00
BUILT 201_ BY
STATE OF ILLINOIS
FAU RT 400, SEC (32,47-4) HBR-2
LOADING HL-93
STRUCTURE NO. 032-0119

NAME PLATE

See Std. 515001



SLAB PLAN SHOWING SEQUENCE OF CONCRETE PLACEMENT

*Transverse Bonded Construction Joint

LEGEND

(X) Indicates sequence of concrete placement

GENERAL NOTES, BILL OF MATERIALS AND DETAILS STRUCTURE NO. 032-0119

DESIGNED -	JSI/MAJ/JFS
CHECKED -	JFS/MJB
DRAWN -	MLB/JLP
CHECKED -	JFS/MJB

$FILE$

Foth
Foth Infrastructure & Environment, LLC
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Illinois Registration Number 184.004913

SHEET NO. 2
33 SHEETS

F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
400	(32,47-4) HBR-2	GRUNDY	143	63
	S.N. 032-0119	CONTRACT NO. 66873		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		