GENERAL NOTES:

1. Fasteners shall be ASTM A325 Type 3, hot dip galvanized bolts. Bolts $\frac{7}{8}$ in. ϕ, holes $\frac{15}{16}$ in. ϕ, unless otherwise noted (See special provision for Hot Dip Galvanizing for Structural Steel).
2. Calculated weight of Structural Steel = 1,409,180 pounds (AASHTO M270 Grade 50).
   Calculated weight of Structural Steel = 160,150 pounds (AASHTO M270 Grade 36).
3. All structural steel shall be hot dip galvanized. See special provision for Hot Dip Galvanizing For Structural Steel.
4. Expansion joint plates and attached bars shall be shop painted with the inorganic zinc rich primer.
5. Girders have bearing stiffeners and connection plates as required design. Additional stiffeners may be added at the Contractor's expense as necessary to prevent distortion of the girders during galvanizing. The Contractor shall coordinate with the fabricator and the galvanizer to determine if additional stiffeners are necessary, and where these should be placed. Any proposed changes shall be submitted to the Engineer for approval prior to making any changes.
6. Temporary stiffener angles shall be bolted to each side of the splice ends of each girder segment to prevent distortion during galvanizing. Temporary stiffener angles shall bolt or fit tight against the top and bottom flanges and shall include spacer tubes to minimize damage to galvanizing during removal. Cost included with "Furnishing and Erecting Structural Steel".
7. No field welding is permitted except as specified in the contract documents.
8. Reinforcement bars designated (E) shall be epoxy coated.
9. Plan dimension and details relative to existing plans are subject to nominal construction variation. The Contractor shall field verify existing dimensions and details affecting new construction or ordering of material. Such variation shall not be cause for additional compensation for a change in scope of work, however, the Contractor will be paid for the quantity actually furnished at the unit price bid for the work.
10. Bearing seat surfaces shall be constructed or adjusted to the designated elevations within a tolerance of $\frac{1}{8}$ inch (0.01 ft.). Adjustment shall be made either by grinding the surface or by shimming the bearings.
11. Concrete Sealer shall be applied to the designated areas of the Piers and Abutments.
12. The existing structural steel coating contains lead. The Contractor shall take appropriate precautions to deal with the presence of lead on this project.
13. For Conduit Attached to Structure quantities and details, see Electrical Plans.
14. The contractor shall exercise extreme caution during construction to make certain that construction activities, live load surcharge and other loads applied to the structures will not have detrimental effects on the adjacent building foundations and the existing 7'-2$\frac{3}{8}$" x 8'-0" main drain. Any damage to the main drain during construction shall be repaired by the contractor at his expense and no charge to the department. Driving piles and temporary sheet piling is not allowed.
15. For light pole support system, see Electrical Plans.
16. Abandoned 8' diameter CTA Water Tunnel shall be filled prior to the start of drilled shaft construction in a previous contract. The Contractor shall verify with the Engineer that the tunnel has been filled prior to the start of drilled shaft construction. A number of the drilled shaft foundations will be placed through this tunnel. Drilling operations must account for the presence of debris, brick material, CLSM and bedding material in addition to soil and other expected materials to be encountered.
17. Slipforming of parapets is not allowed.

For information only
Part of future contract

CURVE DATA
P-TAY-ES-3
P.I. Sta. = 7306+04.16
Δ = 17° 09' 39" (RT)
D = 8° 57' 09"
R = 640.00'
T = 96.57'
L = 191.69'
E = 7.24'
e = 5.80%
T.R. = NA
S.E. Run = NA
P.C. Sta. = 7305+07.59
P.T. Sta. = 7306+99.28

CURVE DATA
P-CIR-ES-2
P.I. Sta. = 1510+49.08
Δ = 63° 26' 03" (RT)
D = 8° 37' 44"
R = 664.00'
T = 410.37'
L = 735.14'
E = 116.58'
e = 5.80%
T.R. = 41'
S.E. Run = 120'
P.C. Sta. = 1506+38.71
P.T. Sta. = 1513+73.85

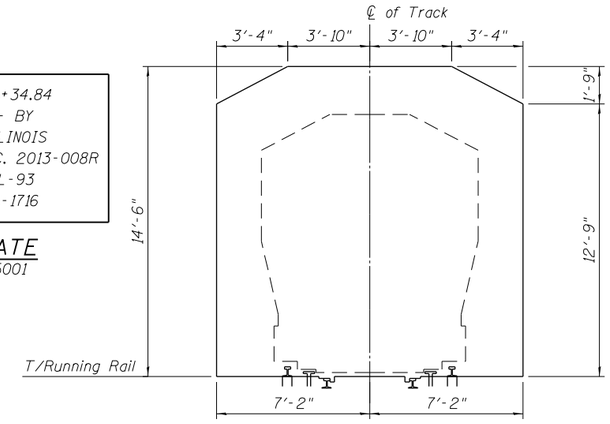
CURVE DATA
P-CIR-EN-1
P.I. Sta. = 1603+43.61
Δ = 35° 33' 30" (RT)
D = 11° 38' 44"
R = 492.00'
T = 157.77'
L = 305.34'
E = 24.68'
e = 5.60%
T.R. = NA
S.E. Run = 108'
P.C. Sta. = 1601+85.84
P.T. Sta. = 1604+91.18

CURVE DATA
P-CIR-SW-3
P.I. Sta. = 1322+16.98
Δ = 83° 35' 08" (RT)
D = 10° 03' 07"
R = 570.00'
T = 59.51'
L = 831.54'
E = 194.53'
e = 5.40%
T.R. = NA
S.E. Run = 101'
P.C. Sta. = 1317+07.47
P.T. Sta. = 1325+39.01

INDEX OF SHEETS

STATION 3835+34.84
BUILT 20-- BY
STATE OF ILLINOIS
F.A.U. RT. 3730 SEC. 2013-008R
LOADING HL-93
STR. NO. 016-1716

NAME PLATE
See Std. 515001



MINIMUM CTA CONSTRUCTION CLEARANCES

TOTAL BILL OF MATERIAL

Item	Unit	Super	Sub	Total Quantity
Removal of Existing Structures No. 2	Each			1
Protective Shield	Sq. Yd.	3478		3478
Structure Excavation	Cu. Yd.		3699	3699
Concrete Structures	Cu. Yd.		2081.9	2081.9
Concrete Superstructure	Cu. Yd.	1699.8		1699.8
Bridge Deck Grooving	Sq. Yd.	3479		3479
Form Liner Textured Surface	Sq. Ft.		2980	2980
Protective Coat	Sq. Yd.	5172		5172
Furnishing and Erecting Structural Steel	L. Sum	0.49		0.49
Stud Shear Connectors	Each	29,379		29,379
Reinforcement Bars	Pound		452,480	452,480
Reinforcement Bars, Epoxy Coated	Pound	322,980	251,570	574,550
Bar Splicers	Each	1354	777	2131
Name Plates	Each		1	1
Permanent Casing	Foot		1173	1173
Drilled Shaft in Soil	Cu. Yd.		2277.7	2277.7
Drilled Shaft in Rock	Cu. Yd.		64.5	64.5
Preformed Joint Strip Seal	Foot	213		213
Elastomeric Bearing Assembly, Type I	Each	30		30
Elastomeric Bearing Assembly, Type II	Each	45		45
Anchor Bolts, 5/8"	Each	30		30
Anchor Bolts, 1"	Each	90		90
Anchor Bolts, 1 1/4"	Each	90		90
Concrete Sealer	Sq. Ft.		23,951	23,951
Geocomposite Wall Drain	Sq. Yd.		469	469
Chain Link Fence, 4'	Foot	131		131
Pile Extraction	Each		133	133
Decorative Railing (Parapet Mounted)	Foot	980		980
Crosshole Sonic Logging	Each	7		7
Bridge Fence Railing (Special)	Foot	145		145
Granular Backfill for Structures	Cu. Yd.	625		625
Temporary Bridge	L. Sum	1		1
Drainage Scuppers, DS-11	Each	2		2
Drainage System	L. Sum	1		1
Pipe Underdrains for Structures 4"	Foot		326	326
Temporary Soil Retention System	Sq. Ft.		15,437	15,437
Temporary Shoring	Each		3	3
Soil Retention System	Sq. Ft.		2106	2106
Temporary Drainage System No. 1, Special	L. Sum	1		1

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016-1716 60W26-S002-GenData1.dgn

TranSystems

USER NAME = kahastings	DESIGNED - KAH	REVISED ___	
	CHECKED - MDS	REVISED ___	
PLOT SCALE = 0:2.0000 ':" / in.	DRAWN - RLS	REVISED ___	
PLOT DATE = 9/15/2013	CHECKED - KAH	REVISED ___	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

GENERAL DATA 1
STRUCTURE NO. 016-1716
SHEET NO. S2-02 OF S2-81 SHEETS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3730	2013-008R	COOK	559	362
		CONTRACT NO. 60W26		
	ILLINOIS FED. AID PROJECT			