

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAU 1441	00-00059-00-BR	KANE	154	73
FED. ROAD DIST. NO. 7		ILLINOIS	FED. AID PROJECT	

SHEET NO. S2
of S52 SHEETS

Contract # 83869

GENERAL NOTES

- Expansion joint embed's and attached bars shall be shop painted with the inorganic zinc rich primer.
- The structural steel bearing plates of the Bearing Assemblies shall conform to the requirements of AASHTO M 270 Grade 50.
- Reinforcement bars shall conform to the requirements of AASHTO M31, M42 or M53 Grade 60.
- The Contractor shall make allowance for the deflection of forms, shrinkage and settlement of falsework, in addition to allowance for dead load deflection.
- Plan dimensions and details relative to existing structures have been taken from available existing plans and field survey 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.
- Bridge Seat Sealer shall be applied to the seat area of the piers & abutments.
- All Construction joints shall be bonded.
- Bearing seat surfaces shall be constructed or adjusted to the designated elevations within a tolerance of 1/8 inch. 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 for each bearing in addition to all other plates or shims. (For Type I Elastomeric Bearings, two 1/8" adjusting shims shall be provided for each bearing and placed as detailed).
- The Contractor shall obtain a construction permit from the Illinois Department of Natural Resources (IDNR), Office of Water Resources for any temporary construction activity placed in the water except cofferdams and temporary falsework and forms for the C.I.P. Superstructure. This shall include the placement of material for run-arounds, causeways, etc. Any permit application by the Contractor shall refer to the IDNR permit number NE2006064 which was issued for the permanent construction.
- Temporary falsework and forms shall not significantly impede normal Fox River Flow.
- The maximum design bearing pressure (net) for spread foundations bearing on rock (Piers, Retaining Walls A thru E) is 15 ksf. The maximum design bearing pressure (net) for Retaining Wall F is 3 ksf. The maximum allowable foundation bearing pressure shall be verified in the field by a qualified Geotechnical Engineer to equal or exceed those given above.
- The contractor shall coordinate structural work with civil, electrical and architectural work.

STRUCTURAL ABBREVIATIONS

Abut.	Abutment	E	East	Min.	Minimum	Rt.	Right
Arch.	Architectural	E/	Edge of	NS	Near Side	Sht.	Sheet
Bk.	Back	El. or Elev.	Elevation	Nom.	Nominal	SE	Southeast
Brg.	Bearing	Exist.	Existing	NE or N.E.	Northeast	SW	Southwest
Btwn.	Between	Exp.	Expansion	NW or N.W.	Northwest	Spa.	Spaces or Spacing
B/	Bottom of	F/	Face of	N.T.S.	Not to Scale	Sq.	Square
Bot.	Bottom	FS	Far Side	No(s).	Number(s)	S.S.	Stainless Steel
Bldg.	Building	FT	Foot or Feet	No(s).	Number(s)	Sta.	Station
CIP	Cast in Place	Ftg.	Footing	O/S	Offset	Stl.	Steel
CL	Centerline	Galv.	Galvanized	Opp.	Opposite	St.	Street
Cts.	Centers	Gr.	Grade	Pavt.	Pavement	Sym.	Symmetrical
Cl.	Clear	HSS	Hollow Structural Section	Pl.	Plate	Temp.	Temporary
Conc.	Concrete	I.D.	Inside Diameter	PT	Post Tension(ed)	Thk.	Thick
CJ	Construction Joint	Jt.	Joint	P.C.	Precast	T/	Top of
Const(r).	Construction	Ang	Angle	P.J.F.	Preformed Joint Filler	Typ.	Typical
Dia.	Diameter	L	Left	PGL	Profile Grade Line	UNO	Unless Noted Otherwise
DP.	Deep	Lt.	Left	Prop.	Proposed	VIF	Verify in Field
Ea.	Each	Lg.	Long	R or Rad.	Radius	W	West
		Max.	Maximum	Req'd	Required	W/	With

Revised 11-8-06

DESIGNED	DWH
CHECKED	RWC
DRAWN	EF
CHECKED	RWC

TOTAL BILL OF MATERIAL

Item	Unit	Super	Sub.	Total
POROUS GRANULAR EMBANKMENT	CU YD		2165	2165
PROTECTIVE COAT	SQ YD	275		275
BRIDGE APPROACH PAVEMENT (SPECIAL)	SQ YD		342	342
CONCRETE REMOVAL	CU YD		140	140
MASONRY REMOVAL	CU YD		54.5	54.5
STRUCTURE EXCAVATION	CU YD		773	773
ROCK EXCAVATION FOR STRUCTURES	CU YD		310	310
CONCRETE STRUCTURES	CU YD	2.2	1517.1	1519.3
RUBBED FINISH	SQ FT		967	967
CONCRETE SUPERSTRUCTURE	CU YD	178.9		178.9
BRIDGE DECK GROOVING	SQ YD	1264		1264
ELASTOMERIC BEARING ASSEMBLY, TYPE II	EACH	28		28
REINFORCEMENT BARS, EPOXY COATED	POUND	158040	280430	438470
NAME PLATES	EACH	1		1
BRIDGE SEAT SEALER	SQ FT		1041	1041
GEOCOMPOSITE WALL DRAIN	SQ YD		403	403
PIPE UNDERDRAINS FOR STRUCTURES 6"	FOOT		539	539
HIGH PERFORMANCE CONCRETE STRUCTURES	CU YD	1698.0		1698.0
DRAINAGE SCUPPERS, DS-II	EACH	8		8
TEMPORARY SOIL RETENTION SYSTEM	SQ FT		3100	3100
FLOATING BEARINGS, FIXED, 800K	EACH	10		10
FLOATING BEARINGS, GUIDED EXPANSION, 800K	EACH	10		10
BAR SPLICERS	EACH	636	526	1162
BRIDGE DECK LATEX CONCRETE OVERLAY	SQ YD	1322		1322
DRILL AND GROUT DOWEL BARS (SPECIAL)	EACH		108	108
REMOVE OF EXISTING CONCRETE ARCH BRIDGE (SPECIAL)	L.SUM.		1	1
COFFERDAMS (SPECIAL)	EACH		3	3
BAR COUPLERS (SPECIAL)	EACH	76	114	190
MICROPILE, 200 TON (SPECIAL)	EACH		45	45
CONCRETE PAVER, TYPE B	SQ FT	3343		3343
STRIP SEAL EXPANSION JOINT (SPECIAL)	FOOT	159		159
CONCRETE FILL (SPECIAL)	CU YD		353.5	353.5
FURNISHING, INSTALLING AND STRESSING POST-TENSIONING STRANDS (SPECIAL)	POUND	113330	20360	133690
RUSTICATION FINISH TYPE I (SPECIAL)	SQ.FT.		2299	2299
RUSTICATION FINISH TYPE II (SPECIAL)	SQ.FT.		1465	1465
BRIDGE RAILING (SPECIAL)	FOOT	416		416
OUTLOOK RAILING (SPECIAL)	FOOT	140		140
STAIR RAILING (SPECIAL)	FOOT	202		202
REMOVE, STORE AND RE-INSTALL EXISTING MONUMENT (SPECIAL)	L.SUM.		1	1
ARCHITECTURAL PRE-CAST CONCRETE - DIES (SPECIAL)	EACH	35		35
ARCHITECTURAL PRE-CAST CONCRETE - BRIDGE CURB (SPECIAL)	FOOT	405		405
ARCHITECTURAL PRE-CAST CONCRETE - OUTLOOK CURB (SPECIAL)	FOOT	119		119
ARCHITECTURAL PRE-CAST CONCRETE - POST BASE (SPECIAL)	EACH	16		16
ARCHITECTURAL PRE-CAST CONCRETE - BENCH PLANTER SYSTEM (SPECIAL)	EACH	4		4
ARCHITECTURAL PRE-CAST CONCRETE - SOUTHWEST STAIR SYSTEM (SPECIAL)	L.SUM.		1	1
ARCHITECTURAL PRE-CAST CONCRETE - SOUTHEAST STAIR SYSTEM (SPECIAL)	L.SUM.		1	1
ARCHITECTURAL PRE-CAST CONCRETE - NORTHEAST STAIR SYSTEM (SPECIAL)	L.SUM.		1	1

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GENERAL NOTES, BILL OF MATERIAL & INDEX OF SHEETS
WILSON ST OVER FOX RIVER
SECTION 00-00059-00-BR
KANE COUNTY
STRUCTURE NO. 045-6051

LOCHNER
H.W. LOCHNER, INC., CHICAGO, ILLINOIS