STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.P.	05-00130 -00-BR	WILL	41	14
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT-		

SHEET NO. 2 OF 23 SHEETS

CONTRACT NO. 83889

GENERAL NOTES

Reinforcement shall conform to the requirements of ASTM A706 Grade 60 (IL Modified), See Special Provisions.

All Reinforcement Bars Designated (E) shall be epoxy coated.

The contractor shall drive test piles to 110% of the nominal required bearing indicated i the pile data information, in production locations at substructures specified or approved by the Engineer before ordering the remainder of piles.

Concrete Sealer shall be applied to all exposed surfaces of the piers and abutments, as well as the MSE wall up to the back of backwall location.

All construction joints shall be bonded.

Calculated Weight of Grade 50 Structural Steel = 3,376 pounds.

Expansion Guards shall be assembled in the proper position with the ends in place and shall be left assembled for shop inspection.

All structural steel for expansion joint plates and attached bars shall be AASHTO M270 Grade 50.

Expansion joint plates and attached bars shall be shop painted with the inorganic zinc rich primer.

Field welding of construction accessories will not be permitted to beams, girders or truss members.

Anchor bolts shall be set before erecting deck forms or other obstructions over supports.

Construction of MSE Walls and fill shall be completed 30 calendar days prior to construction of the Concrete Sidewalk, any appurtenances or any facilities which will be supported by the fill to allow for settlement of the subgrade soils.

MSE Wall Panels must be fabricated to provide for a 1.1 inch initial anticipated settlement, and an additional $\frac{3}{4}$" of long term consolidation, which will occur over approximately 30 days, of the subgrade soils.

The steel H-Piles shall be according to AASHTO M270 Grade 50.

Truss fabricator shall provide a 1" nominal shim pack for each bearing consisting of a 1", ½", ¼", and 2-1/8" shim plates matching the dimensions of the masonry plate provided, including holes for anchor bolts. Cost included in the cost of PEDESTRIAN BRIDGE SUPERSTRUCTURE.

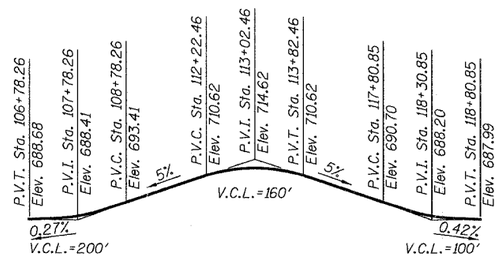
INDEX OF DRAWING SHEETS

TOTAL BILL OF MATERIAL

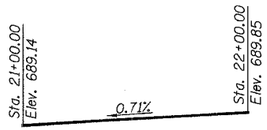
	Description	Unit	Superstructure	Substructure	Total
	Structure Excavation	Cu Yd	----	1,144.2	1,144.2
	Concrete Structures	Cu Yd	----	165.7	165.7
	Reinforcement Bars, Epoxy Coated	Pound	----	32,940	32,940
	Furnishing Steel Piles HP12x53	Foot	----	1326	1326
	Driving Piles	Foot	----	1326	1326
	Test Pile Steel HP 12x53	Each	----	6	6
	Pile Shoes	Each	----	36	36
	Concrete Sealer	Sq Ft	----	2,817	2,817
*	Pedestrian Truss Superstructure	Sq Ft	8,410	----	8,410
*	Mechanically Stabilized Earth Retaining Wall	Sq Ft	----	5,308	5,308
	Bicycle Railing	Foot	----	507	507
*	Portland Cement Concrete Sidewalk 6", Special	Sq Ft	----	4,499	4,499
*	Porous Granular Embankment, Special	Cu Yd	----	376	376
	Furnishing and Erecting Structural Steel	Pound	3,376	----	3,376
	Name Plate	Each	----	1	1
	Form Liner Textured Surface	Sq Ft	----	614	614

* Items requiring Special Provisions.

Note:
Cost of anchor bolts shall be included in the cost of Pedestrian Truss Superstructure.



PROFILE GRADE PEDESTRIAN BRIDGE



PROFILE GRADE IL-59
(From Survey)

STATION 113+02.46
BUILT BY
CITY OF NAPERVILLE
WILL COUNTY
SN 099-6002
LOADING H10 & PEDESTRIAN

NAME PLATE
See Std. 515001

DESIGNED	MDS
CHECKED	JPB
DRAWN	MDS
CHECKED	JPB

REVISIONS NAME	DATE

URS
100 South Wacker Drive,
Suite 500
Chicago, IL 60606
(312) 939-1000

ILLINOIS DEPARTMENT OF TRANSPORTATION
GENERAL NOTES AND TOTAL BILL OF MATERIAL
ROUTE 59 PEDESTRIAN BRIDGE
CITY OF NAPERVILLE, WILL COUNTY

F.A.P. RTE.
STATION 113+02.46
SECTION: 05-00130-00-BR
STRUCTURE NO. 099-6002
SCALE: N.T.S.
DATE: 12/8/2006

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