

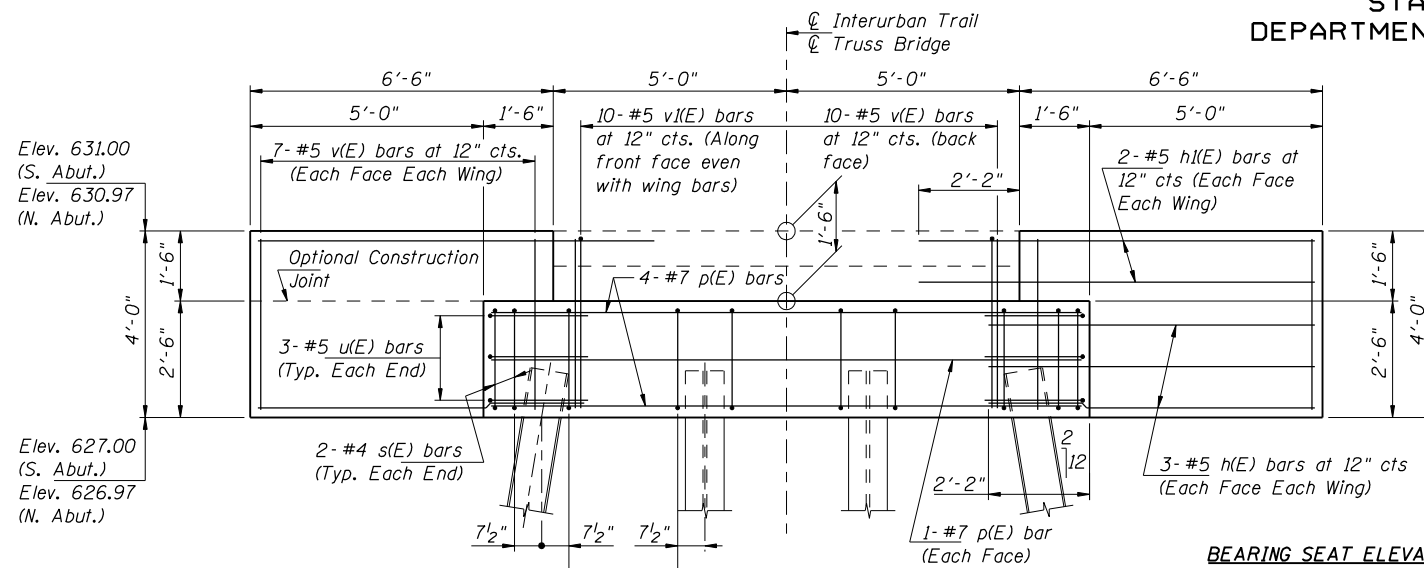
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	SHEET NO.	SHEET NO.
-	*	SANGAMON	559	343
FED. ROAD DIST. NO. 7		ILLINOIS	FED. AID PROJECT-	

SHEET NO. 3
4 SHEETS

*02-00382-02-PV

CONTRACT NO. 72541



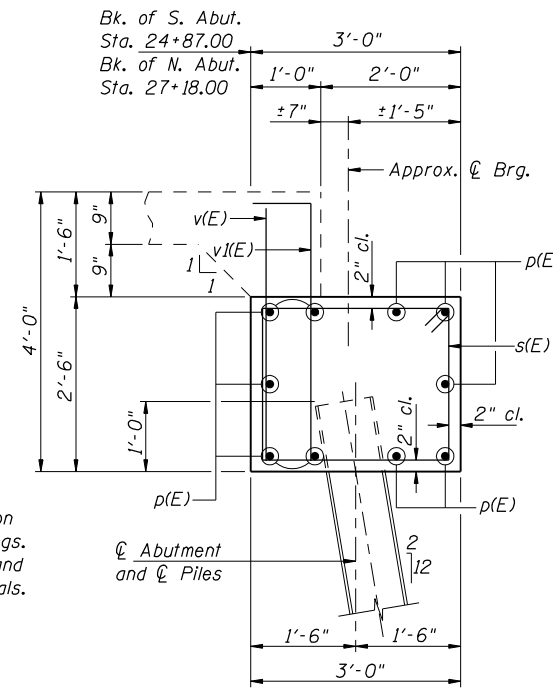
ELEVATION

(South Abutment - Looking South)
(North Abutment - Looking North)

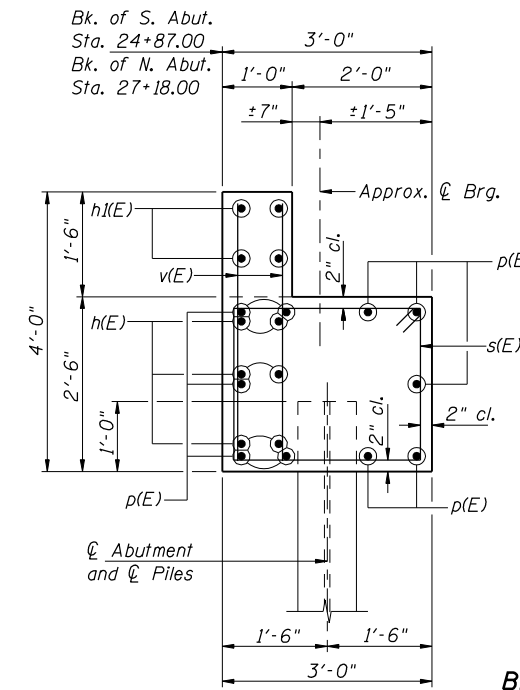
BEARING SEAT ELEVATIONS

S. Abut.	629.50
N. Abut.	629.47

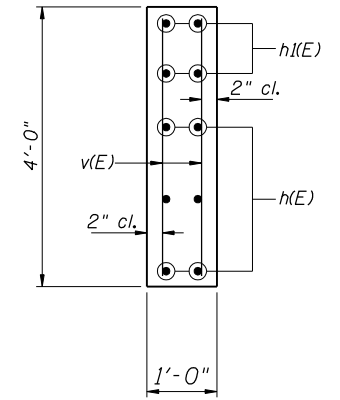
Seat elevations may change based on Truss Manufacturers Design Drawings. Contractor shall verify elevations and dimensions prior to ordering materials.



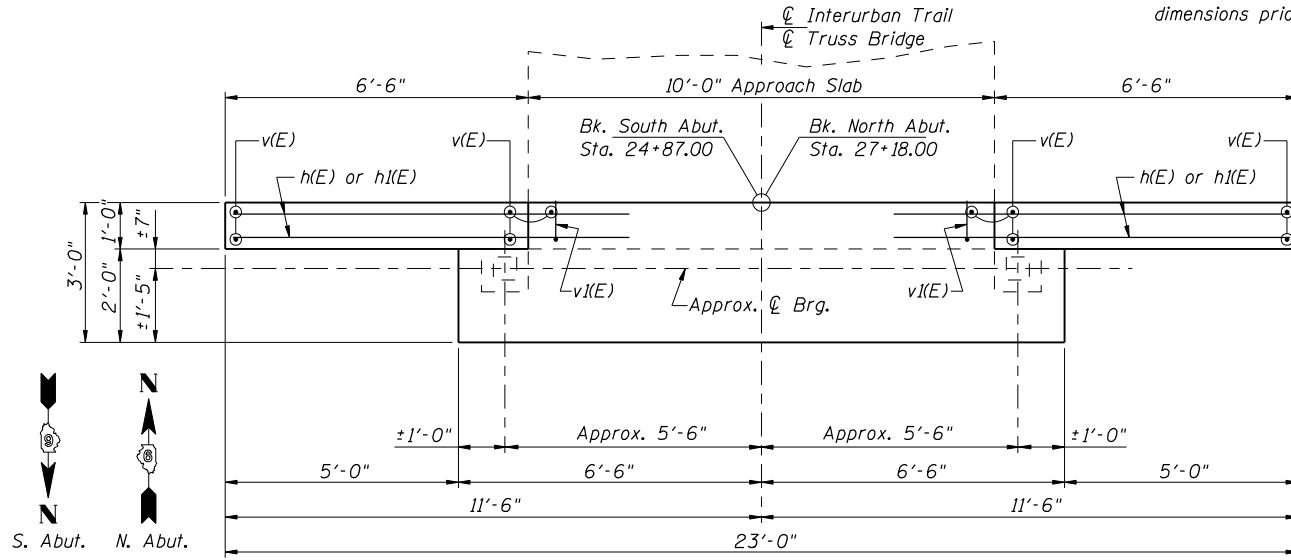
SECTION A-A



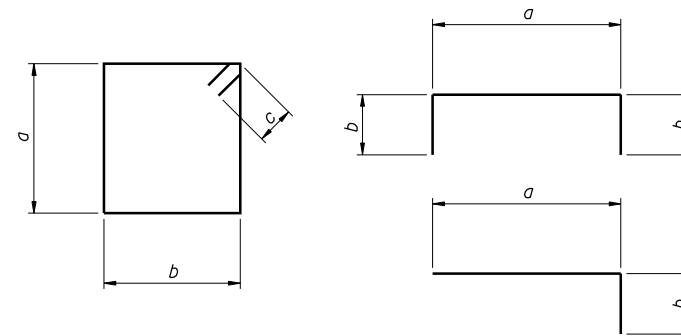
SECTION B-B



SECTION C-C



TOP VIEW



BAR BEND TABLE

Bar	a	b	c	Shape
s(E)	2'-2"	2'-8"	0'-4 1/2"	□
u(E)	2'-7"	2'-2"	-	□
v(E)	3'-8"	0'-10"	-	□

PILE DATA

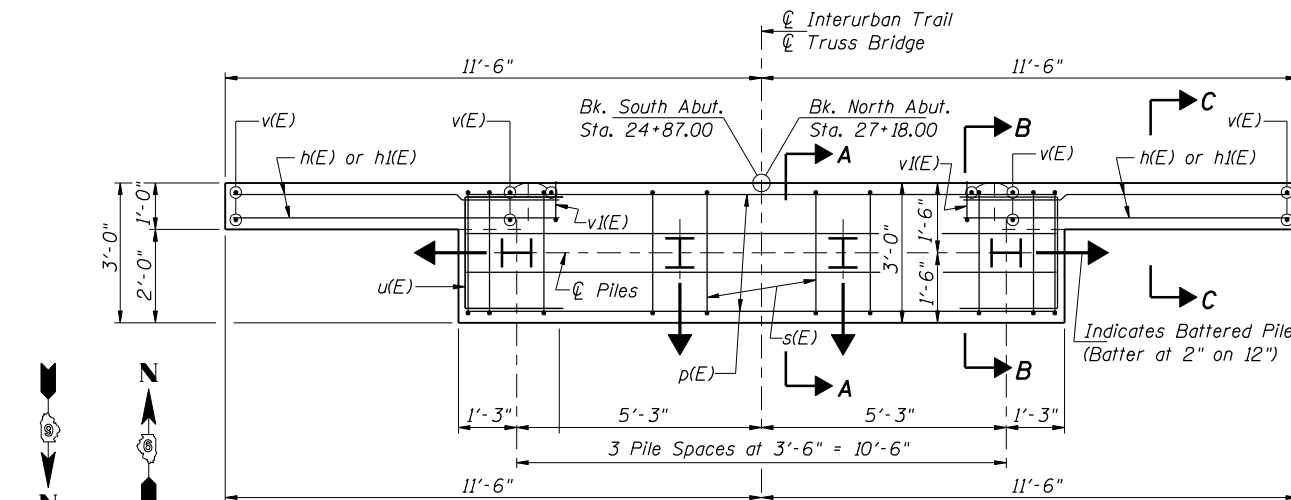
Pile Type: HPI0x42
Nominal Required Bearing: 335 kips
Allowable Resistance Available: 97 kips (S. Abut.)
95 kips (N. Abut.)
Estimated Length: 63 Feet (S. Abut.)
62 Feet (N. Abut.)
Number Required: 4 (Per Abutment Including 1 Test Pile)
Test Piles: 1 required at each abutment

BILL OF MATERIAL (2 ABUTMENTS)

Bar	Number	Size	Length	Shape
h(E)	24	#5	7'-0"	—
h(E)	16	#5	8'-6"	—
p(E)	20	#7	12'-8"	—
s(E)	32	#4	10'-5"	□
u(E)	12	#5	6'-11"	□
v(E)	76	#5	3'-8"	—
v(E)	20	#5	4'-6"	—
Structure Excavation			Cu. Yds.	33.8
Concrete Structures			Cu. Yds.	10.6
Reinforcement Bars, Epoxy Coated			Lbs.	1530
Furnishing Steel Piles HPI0x42			Foot	375
Driving Piles			Foot	375
Test Piles Steel HPI0x42			Each	2

Note: Reinforcement bars designated (E) shall be epoxy coated.

For approach slab details See Roadway Plans. Anchor bolt design and locations are per Truss Manufacturer. The Contractor shall place top cap reinforcement to miss anchor bolt locations.



PLAN PILE CAP

NORTH & SOUTH ABUTMENT DETAILS
INTERURBAN TRAIL OVER N.S. R.R.
SECTION 02-00382-02-PV
SANGAMON COUNTY
STATION 26+02.50
STRUCTURE NO. 084-7008

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JOB NO.
96S2002b
DATE
03/08/06

12/16/2006 \$FILE\$
LAYOUT M.A.M. 10/21/05
DRAWN R.C. 10/21/05
REVIEWED M.A.M. 10/24/05