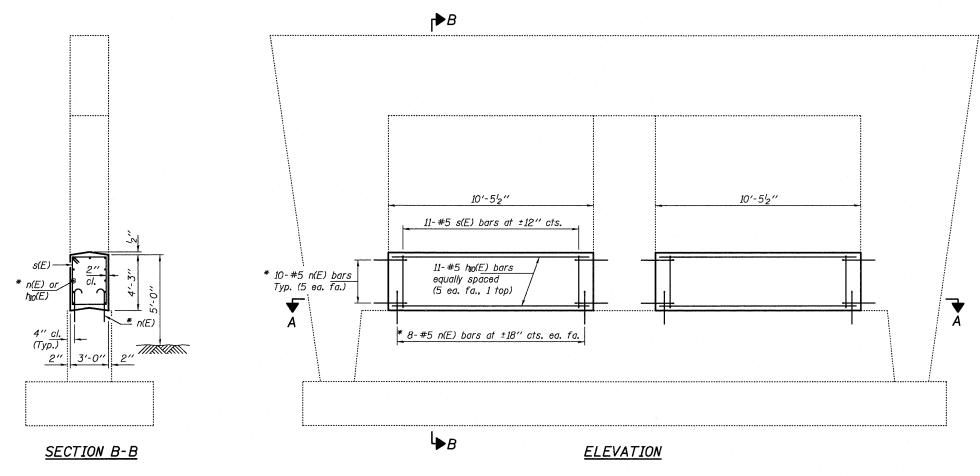
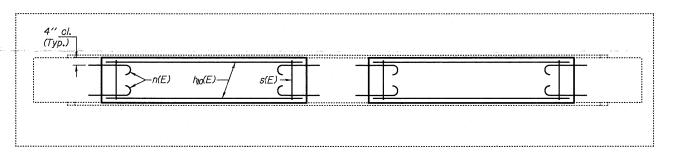
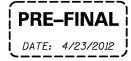
The cost of epoxy grouting threaded rods shall be included with Reinforcement Bars, Epoxy Coated.

Plan dimensions and details relative to existing plans are subject to nominal construction variations. The Contractor shall field verify existing dimensions and details affecting new construction 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 scope of the work, however, the Contractor will be paid for the quantity actually furnished at the unit price bid for the work. Reinforcement bars designated (E) shall be epoxy coated.



* Epoxy grout n(E) bars in 9" min. holes according to Article 584 of the Standard Specifications.

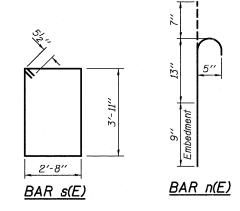




EXPIRES 11-30-2012

DESIGNED	DAB	EXAMINED	DATE - APRIL 23, 2012
CHECKED	VP	ACTING ENGINEER OF STRUCTURAL SERVICES	
DRAWN	baliva	PASSED	REVISED
CHECKED	DAB VP	ACTING ENGINEER OF BRIDGES AND STRUCTURES	REVISED

SECTION A-A



No.	Size	Length	Shape
22	#5	10'-1''	
72	#5	2'-5"	<u> </u>
22	#5	14'-1''	
Structure	Cu. Yd.	9.9	
ment Bar ated	Pound	740	
	22 72 22 Structure	22 #5 72 #5 22 #5 Structures ment Bars,	22 #5 10'-1" 72 #5 2'-5" 22 #5 14'-1" Structures Cu. Yd. ment Bars, Pound

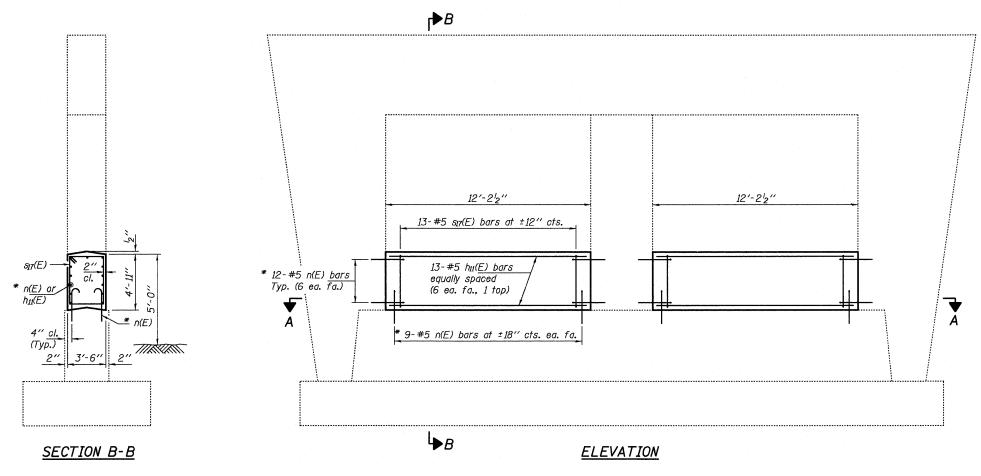
CTATE OF HAINOYO	PIER CRASHWALL EXTENSION	RTE. SECTION	COUNTY TOTAL SHEET NO.	
STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	081–0124	88	ROCK ISLAND 151 101 CONTRACT NO. 64H77	-
DEI AITIMENT OF THANSFORTATION	SHEET NO. OF SHEETS	ILLINOIS FED. A		-

3'-2"

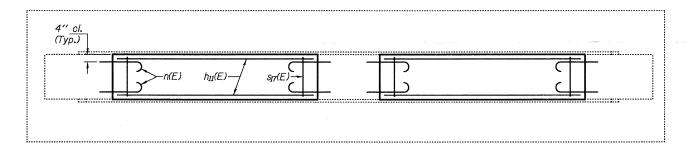
BAR SIT(E)

The cost of epoxy grouting threaded rods shall be included with Reinforcement Bars, Epoxy Coated.

Plan dimensions and details relative to existing plans are subject to nominal construction variations. The Contractor shall field verify existing dimensions and details affecting new construction 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 scope of the work, however, the Contractor will be paid for the quantity actually furnished at the unit price bid for the work. Reinforcement bars designated (E) shall be epoxy coated.



* Epoxy grout n(E) bars in 9" min. holes according to Article 584 of the Standard Specifications.



SECTION A-A

PRE-FINAL DATE: 4/23/2012

EXPIRES 11-30-2012

DESIGNED	DAB	EXAMINED	DATE - APRIL 23, 2012
CHECKED	VP .	ACTING ENGINEER OF STRUCTURAL SERVICES	
DRAWN	baliva	PASSED	REVISED
CHECKED	DAB VP	ACTING ENGINEER OF BRIDGES AND STRUCTURES	REVISED

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PIER CRASHWALL EXTENSION 081–0133							
	SHEET	NO.	OF	SHEETS			

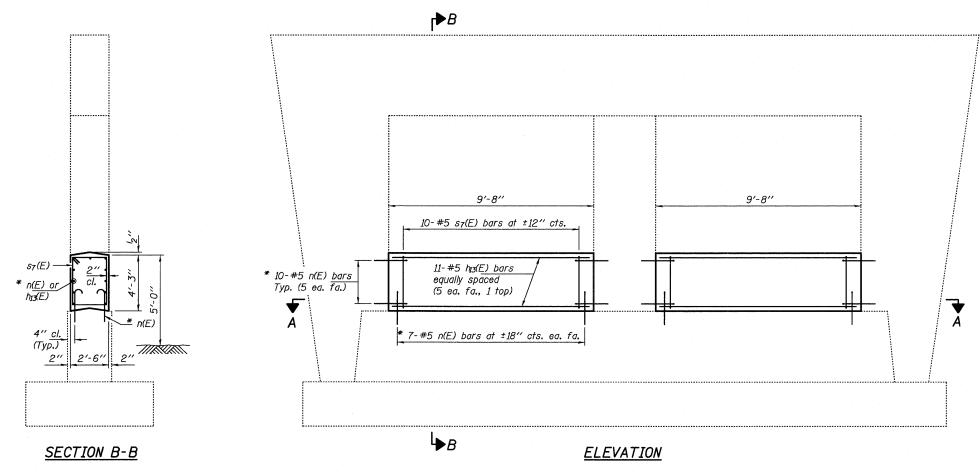
BILL OF MATERIAL

BAR n(E)

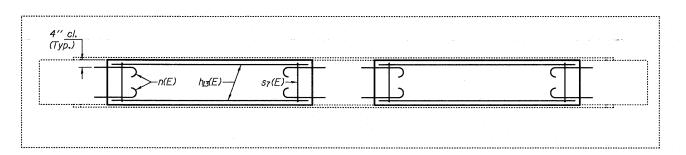
-	<u> </u>	<u> </u>	<u> </u>	
Bar	No.	Size	Length	Shape
hu(E)	26	#5	11'-10''	
n(E)	84	#5	2'-5"	J
917(E)	26	#5	<i>16'-5''</i>	
Concrete	Structure	Cu. Yd.	15.6	
Reinforce Epoxy Co		Pound	980	
			- A	

The cost of epoxy grouting threaded rods shall be included with Reinforcement Bars, Epoxy Coated.

Plan dimensions and details relative to existing plans are subject to nominal construction variations. The Contractor shall field verify existing dimensions and details affecting new construction 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 scope of the work, however, the Contractor will be paid for the quantity actually furnished at the unit price bid for the work. Reinforcement bars designated (E) shall be epoxy coated.



* Epoxy grout n(E) bars in 9" min. holes according to Article 584 of the Standard Specifications.



SECTION A-A

PRE-FINALDATE: 4/23/2012

EXPIRES 11-30-2012

DESIGNED	DAB	EXAMINED		DATE -	APRIL 23, 2012	Г
CHECKED	<i>VP</i>		ACTING ENGINEER OF STRUCTURAL SERVICES		717 712 44 07 44 04 44	ı
DRAWN	baliva	PASSED		REVISED		ı
CHECKED	DAB VP	,	ACTING ENGINEER OF BRIDGES AND STRUCTURES	REVISED		ı

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

PIER	3 C	L EXTENSION 5			
	SHEE	T NO.	OF	SHEETS	

F.A.I. RTE.	SECTION		COUNTY	TOTAL SHEETS	SHEET NO.
88			WHITESIDE	151	103
			CONTRACT	NO. 6	4H77
	ILLINOIS FEI). AII	PROJECT		

BAR n(E)

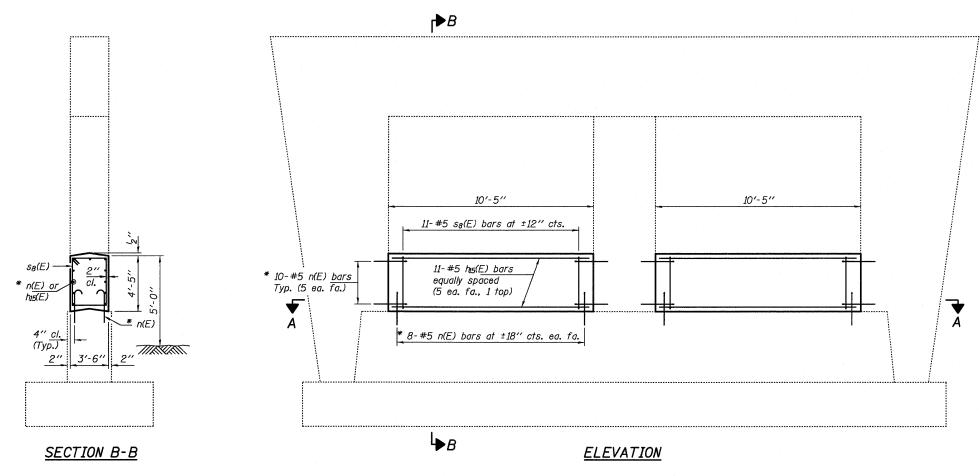
2'-2"

BAR ST(E)

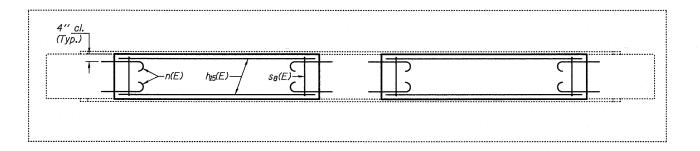
E	BILL O	F MA	TERIAL	=
Bar	No.	Size	Length	Shape
h13(E)	22	#5	9'-4"	
n(E)	68	#5	2'-5"	
s7(E)	20	#5	13'-1''	
Concrete	Structure	Cu. Yd.	7.6	
Reinforcement Bars, Epoxy Coated			Pound	660

The cost of epoxy grouting threaded rods shall be included with Reinforcement Bars, Epoxy Coated.

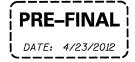
Plan dimensions and details relative to existing plans are subject to nominal construction variations. The Contractor shall field verify existing dimensions and details affecting new construction and make necessary approved adjustments prior to construction or ordering of materials. Such variations shall not be cause for additional compensation for a change in scope of the work, however, the Contractor will be paid for the quantity actually furnished at the unit price bid for the work. Reinforcement bars designated (E) shall be epoxy coated.



* Epoxy grout n(E) bars in 9" min. holes according to Article 584 of the Standard Specifications.



SECTION A-A



EXPIRES 11-30-2012

DESIGNED	DAB	EXAMINED		DATE -	APRIL 23, 2012
CHECKED	VP]	ACTING ENGINEER OF STRUCTURAL SERVICES		711 711 207 2012
DRAWN	baliva	PASSED		REVISED	
CHECKED	DAB VP		ACTING ENGINEER OF BRIDGES AND STRUCTURES	REVISED	

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION PIER 2 CRASHWALL EXTENSION
098-0056
SHEET NO. OF SHEETS

3'-2"

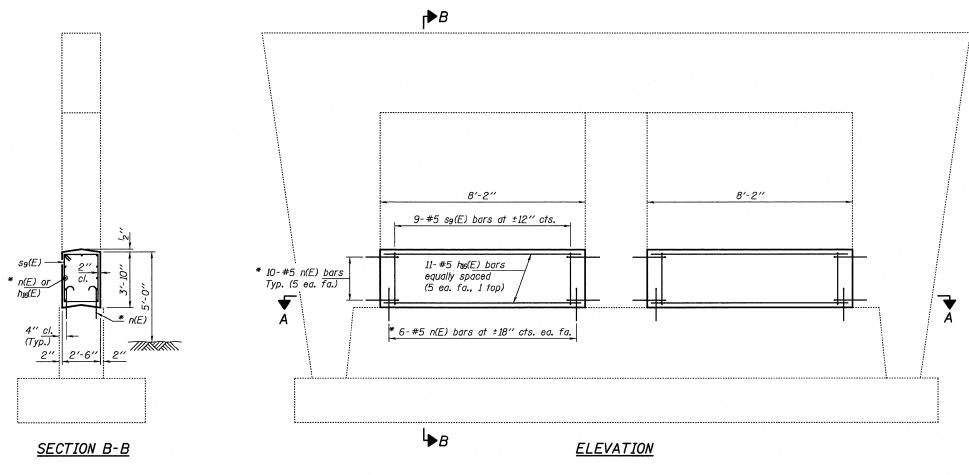
BAR se(E)

BAR n(E)

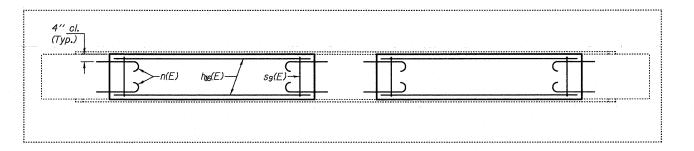
<u></u>	<u> </u>	1 1977	1 ham (1 dz / 7 ld	=
Bar	No.	Size	Length	Shape
h15(E)	22	#5	10'-1''	
n(E)	72	#5	2'-5"	<u> </u>
ss(E)	22	#5	<i>15'-5''</i>	
Concrete	Structure	Cu. Yd.	11.9	
Reinforce Epoxy Co		Pound	770	

The cost of epoxy grouting threaded rods shall be included with Reinforcement Bars, Epoxy Coated.

Plan dimensions and details relative to existing plans are subject to nominal construction variations. The Contractor shall field verify existing dimensions and details affecting new construction 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 scope of the work, however, the Contractor will be paid for the quantity actually furnished at the unit price bid for the work. Reinforcement bars designated (E) shall be epoxy coated.



* Epoxy grout n(E) bars in 9" min. holes according to Article 584 of the Standard Specifications.



SECTION A-A

PRE-FINAL DATE: 4/23/2012

EXPIRES 11-30-2012

CHECKED VP	
CHECKED VP ACTING ENGINEER OF STRUCTURAL SERVICES	
DRAWN baliva PASSED REVISED	
CHECKED DAB VP ACTING ENGINEER OF BRIDGES AND STRUCTURES REVISED	

STATE OF ILLINOIS **DEPARTMENT OF TRANSPORTATION** PIER CRASHWALL EXTENSION 098-0058 SHEET NO. OF SHEETS

F.A.I. RTE. 88 COUNTY TOTAL SHEET NO.
WHITESIDE 151 105
CONTRACT NO. 64H77 SECTION ILLINOIS FED. AID PROJECT

BAR s9(E)

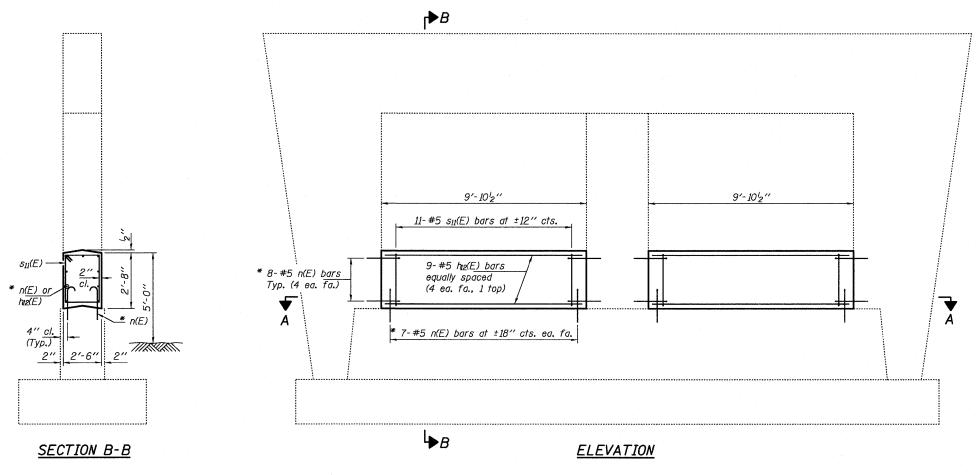
BAR n(E)

2'-2"

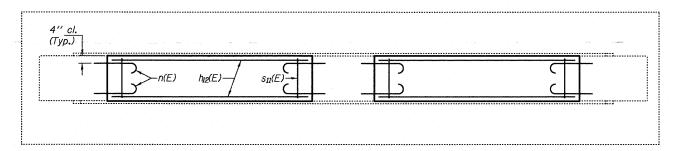
	<u>E</u>	3ILL O	F MA	TERIAL	r =
	Bar	No.	Size	Length	Shape
	h <u>ı6</u> (E)	22	#5	7'-10''	
	n(E)	64	#5	2'-5"	
-					
	s9(E)	18	#5	12'-3''	
	Concrete	Structure	S	Cu. Yd.	5.8
	Reinforcement Bars, Epoxy Coated			Pound	570

The cost of epoxy grouting threaded rods shall be included with Reinforcement Bars, Epoxy Coated.

Plan dimensions and details relative to existing plans are subject to nominal construction variations. The Contractor shall field verify existing dimensions and details affecting new construction 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 scope of the work, however, the Contractor will be paid for the quantity actually furnished at the unit price bid for the work. Reinforcement bars designated (E) shall be epoxy coated.



* Epoxy grout n(E) bars in 9" min. holes according to Article 584 of the Standard Specifications.

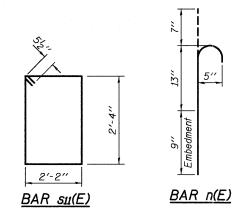


PRE-FINAL
DATE: 4/23/2012

EXPIRES 11-30-2012

DESIGNED	DAB	EXAMINED		DATE -	APRIL 23, 2012
CHECKED	VP		ACTING ENGINEER OF STRUCTURAL SERVICES		
DRAWN	baliva	PASSED		REVISED	
CHECKED	DAB VP		ACTING ENGINEER OF BRIDGES AND STRUCTURES	REVISED	

SECTION A-A



Bar	No.	Size	Length	Shape
hız(E)	18	#5	9'-6''	
n(E)	60	#5	2'-5"	c
s11(E)	22	#5	9'-11''	
Concrete	Structure	S	Cu. Yd.	4.9
Reinforcement Bars, Epoxy Coated			Pound	560

CTATE OF HUMOIC	PIER 1 CRASHWALL EXTENSION	RTE. SECTION COUNTY TOTAL SHEETS NO.	
STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	098-0067	88 WHITESIDE 151 106	1
DEPARTMENT OF TRANSPORTATION	SHEET NO. OF SHEETS	ILLINOIS FED. AID PROJECT	-

NOTES The cost of epoxy grouting threaded rods shall be included with Reinforcement Bars, Epoxy Coated. Plan dimensions and details relative to existing plans are subject to nominal construction variations. The Contractor shall field verify existing dimensions and details affecting new construction 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 scope of the work, however, the Contractor will be paid for the quantity actually furnished at the unit price bid for the work. Reinforcement bars designated (E) shall be epoxy coated. $\triangleright B$ 10'-10'' 10'-10" 10'-10" 10'-10" 11-#5 s4(E) bars at ±12" cts. 54(E) 9-#5 h₆(E) bars * 8-#5 n(E) bars equally spaced Typ. (4 ea. <u>fa.</u>) (4 ea. fa., 1 top) Α * n(E) * 8-#5 n(E) bars at ±18" cts. ea. fa. (Typ.) \blacktriangleright_B ELEVATION SECTION B-B * Epoxy grout n(E) bars in 9" min. holes according to Article 584 of the Standard Specifications. 4'' <u>cl.</u> (Typ.) SECTION A-A BILL OF MATERIAL Size Length Shape Bar No. #5 10′-6′′ h₆(E) n(E) 128 #5 2'-5" 2′-5″

PRE-FINAL DATE: 4/23/2012

EXPIRES 11-30-2012

DESIGNED DAB EXAMINED DATE - APRIL 23, 2012 CHECKED VP ACTING ENGINEER OF STRUCTURAL SERVICES REVISED DRAWN baliva PASSED CHECKED DAB VP REVISED

STATE OF ILLINOIS **DEPARTMENT OF TRANSPORTATION** PIER CRASHWALL EXTENSION 081-0119 SHEET NO. OF SHEETS

54(E)

Concrete Structures

Reinforcement Bars,

Epoxy Coated

#5 10'-1"

Cu. Yd.

Pound

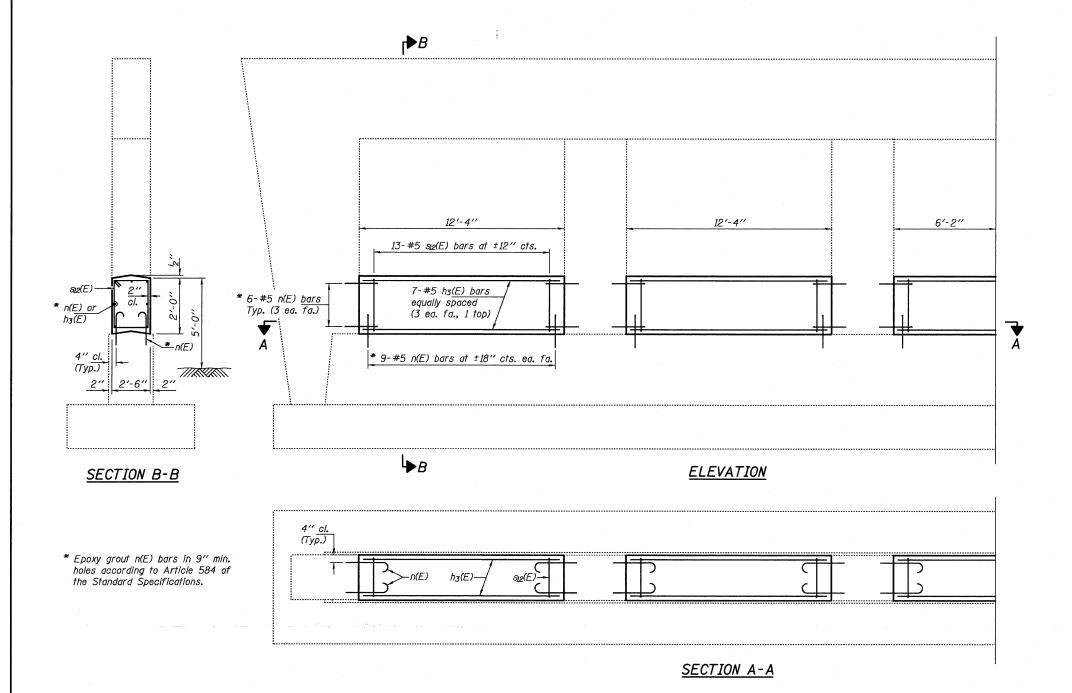
11.0

1180

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
88		ROCK ISLAND	151	107
		CONTRACT	NO. 6	4H77
	ILLINOIS FED. A	ID PROJECT		

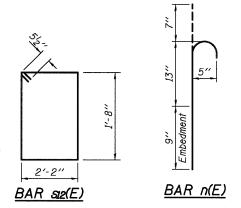
BAR S5(E)

BAR n(E)



The cost of epoxy grouting threaded rods shall be included with Reinforcement Bars, Epoxy Coated.

Plan dimensions and details relative to existing plans are subject to nominal construction variations. The Contractor shall field verify existing dimensions and details affecting new construction 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 scope of the work, however, the Contractor will be paid for the quantity actually furnished at the unit price bid for the work. Reinforcement bars designated (E) shall be epoxy coated.



BILL OF MATERIAL

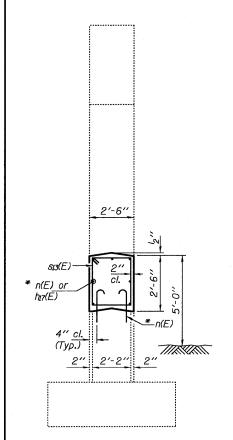
Bar	No.	Size	Length	Shape
hʒ(E)	-35	#5	12'-0''	
n(E)	150	#5	2'-5"	
s12(E)	65	#5	8'-7"	
Concrete	Structure	S	Cu. Yd.	11.4
Reinforce Epoxy Co	ment Bar ated	Pound	1400	

EXPIRES 11-30-2012

PRE-FINAL

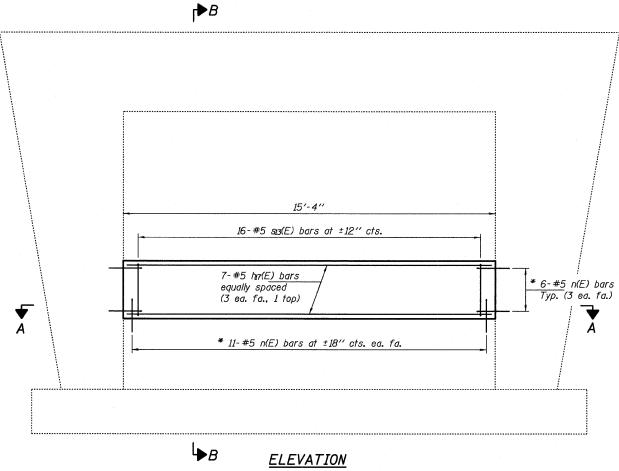
DATE: 4/23/2012

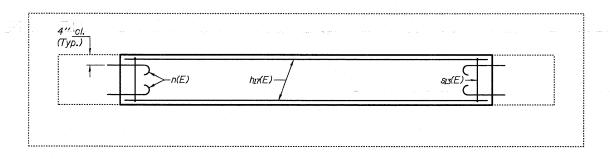
DESIGNED DAB	EXAMINED	DATE - APRIL 23 2012		PIER CRASHWALL EXTENSION	F.A.I. SECTION	COUNTY TOTAL SHEET
CHECKED VP	ACTING ENGINEER OF STRUCTURAL SERVICES		STATE OF ILLINOIS	1	88	WHITESIDE 151 108
DRAWN baliva	PASSED	REVISED	DEPARTMENT OF TRANSPORTATION	098–0091		CONTRACT NO. 64H77
CHECKED DAB VP	ACTING ENGINEER OF BRIDGES AND STRUCTURES	REVISED		SHEET NO. OF SHEETS	ILLINOIS FED. A	AID PROJECT





* Epoxy grout n(E) bars in 9" min. holes according to Article 584 of the Standard Specifications.





SECTION A-A

PRE-FINAL

DATE: 4/23/2012

EXPIRES 11-30-2012

DESIGNED	DAB	EXAMINED	DATE - APRIL 23, 2012
CHECKED	VP	ACTING ENGINEER OF STRUCTURAL SERVICES	
DRAWN	baliva	PASSED	REVISED
CHECKED	DAB VP	ACTING ENGINEER OF BRIDGES AND STRUCTURES	REVISED

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

PIER CRASHWALL EXTENSION
081-0126
SHEET NO. OF SHEETS

3.7.2 "3" | 3.7.2 "3" | 3.7.2 "3" | 3.7.2 "3.7.2 | 3.7.2 | 3.7.2 | 3.7.2 | 3.7.2 | 3.7.2 | 3.7.2 | 3.7.2 | 3.7.2 | 3.7.2 | 3.7.2 | 3.7.2 | 3.7.2 | 3.7.2 | 3.7.2 | 3.7.2 | 3.7.2 | 3.7.2 | 3.7.2 | 3.7.2 | 3.7.2 | 3.7.2 | 3.7.2 | 3.7.2 | 3.7.2 | 3.7.2 | 3.7.2 | 3.7.2 | 3.7.2 | 3.7.2 | 3.7.2 | 3.7.2 | 3.7.2 | 3.7.2 | 3.7.2 | 3.7.2 | 3.7.2 | 3.7.2 | 3.7.2 | 3.7.2 | 3.7.2 | 3.7.2 | 3.7.2 | 3.7.2 | 3.7.2 | 3.7.2 | 3.7.2 | 3.7.2 | 3.7.2 | 3.7.2 | 3.7.2 | 3.7.2 | 3.7.2 | 3.7.2 | 3.7.2 | 3.7.2 | 3.7.2 | 3.7.2 | 3.7.2 | 3.7.2 | 3.7.2 | 3.7.2 | 3.7.2 | 3.7.2 | 3.7.2 | 3.7.2 | 3.7.2 | 3.7.2 | 3.7.2 | 3.7.2 | 3.7.2 | 3.7.2 | 3.7.2 | 3.7.2 | 3.7.2 | 3.7.2 | 3.7.2 | 3.7.2 | 3.7.2 | 3.7.2 | 3.7.2 | 3.7.2 | 3.7.2 | 3.7.2 | 3.7.2 | 3.7.2 | 3.7.2 | 3.7.2 | 3.7.2 | 3.7.2 | 3.7.2 | 3.7.2 | 3.7.2 | 3.7.2 | 3.7.2 | 3.7.2 | 3.7.2 | 3.7.2 | 3.7.2 | 3.7.2 | 3.7.2 | 3.7.2 | 3.7.2 | 3.7.2 | 3.7.2 | 3.7.2 | 3.7.2 | 3.7.2 | 3.7.2 | 3.7.2 | 3.7.2 | 3.7.2 | 3.7.2 | 3.7.2 | 3.7.2 | 3.7.2 | 3.7.2 | 3.7.2 | 3.7.2 | 3.7.2 | 3.7.2 | 3.7.2 | 3.7.2 | 3.7.2 | 3.7.2 | 3.7.2 | 3.7.2 | 3.7.2 | 3.7.2 | 3.7.2 | 3.7.2 | 3.7.2 | 3.7.2 | 3.7.2 | 3.7.2 | 3.7.2 | 3.7.2 | 3.7.2 | 3.7.2 | 3.7.2 | 3.7.2 | 3.7.2 | 3.7.2 | 3.7.2 | 3.7.2 | 3.7.2 | 3.7.2 | 3.7.2 | 3.7.2 | 3.7.2 | 3.7.2 | 3.7.2 | 3.7.2 | 3.7.2 | 3.7.2 | 3.7.2 | 3.7.2 | 3.7.2 | 3.7.2 | 3.7.2 | 3.7.2 | 3.7.2 | 3.7.2 | 3.7.2 | 3.7.2 | 3.7.2 | 3.7.2 | 3.7.2 | 3.7.2 | 3.7.2 | 3.7.2 | 3.7.2 | 3.7.2 | 3.7.2 | 3.7.2 | 3.7.2 | 3.7.2 | 3.7.2 | 3.7.2 | 3.7.2 | 3.7.2 | 3.7.2 | 3.7.2 | 3.7.2 | 3.7.2 | 3.7.2 | 3.7.2 | 3.7.2 | 3.7.2 | 3.7.2 | 3.7.2 | 3.7.2 | 3.7.2 | 3.7.2 | 3.7.2 | 3.7.2 | 3.7.2 | 3.7.2 | 3.7.2 | 3.7.2 | 3.7.2 | 3.7.2 | 3.7.2 | 3.7.2 | 3.7.2 | 3.7.2 | 3.7.2 | 3.7.2 | 3.7.2 | 3.7.2 | 3.7.2 | 3.7.2 | 3.7.2 | 3.7.2 | 3.7.2 | 3.7.2 | 3.7.2 | 3.7.2 | 3.7.2 | 3.7.2 | 3.7.2 | 3.7.2 | 3.7.2 | 3.7.2 | 3.7.2 | 3.7.2 | 3.7.2 | 3.7.2 | 3.7.2 | 3.7.2 | 3.7.2 | 3.7.2 | 3.7.2 | 3.7.2 | 3.7.2 | 3.7.2 | 3.7.2 | 3.7.2 | 3.7.2 | 3.7.2 | 3.7.2 | 3.7.2 | 3.7.2 | 3.7.2 | 3.7.2 | 3.7.2 | 3.7.2 | 3.7.2 | 3.7.2 | 3.7.2 | 3.7

NOTES

Bars, Epoxy Coated.

The cost of epoxy grouting threaded rods shall be included with Reinforcement

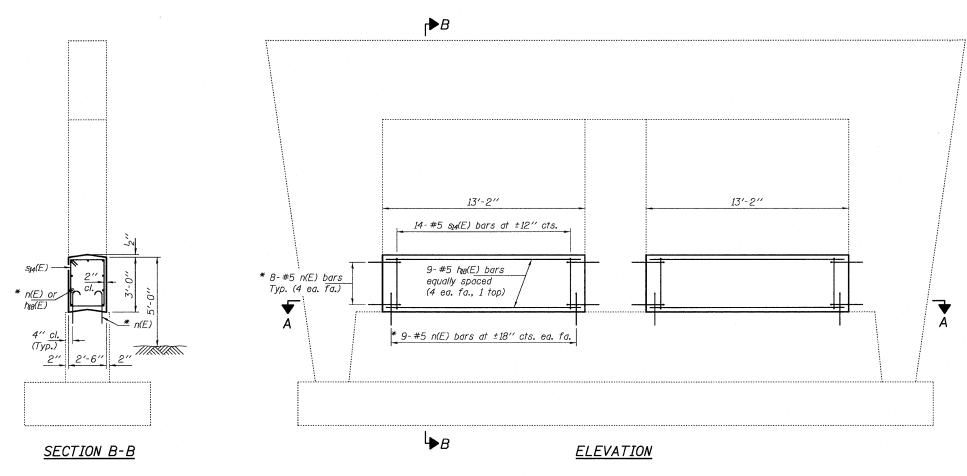
Plan dimensions and details relative to existing plans are subject to nominal construction variations. The Contractor shall field verify existing dimensions and details affecting new construction and make necessary approved adjustments prior to construction or ordering of materials. Such variations shall not be cause for additional compensation for a change in scope of the work, however, the Contractor will be paid for the quantity actually furnished at the unit price bid for the work. Reinforcement bars designated (E) shall be epoxy coated.

BILL OF MATERIAL

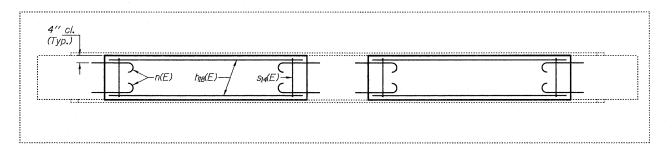
<i>⊆</i>	DILL U	<u>r ma</u>	IEMIAL	=
Bar	No.	Size	Length	Shape
hız(E)	7	#5	15′-0′′	
n(E)	34	#5	2'-5"	<u> </u>
s13(E)	16	#5	9'-7''	
Concrete	Structure	Cu. Yd.	3.6	
Reinforcement Bars, Epoxy Coated			Pound	360

The cost of epoxy grouting threaded rods shall be included with Reinforcement Bars, Epoxy Coated.

Plan dimensions and details relative to existing plans are subject to nominal construction variations. The Contractor shall field verify existing dimensions and details affecting new construction 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 scope of the work, however, the Contractor will be paid for the quantity actually furnished at the unit price bid for the work. Reinforcement bars designated (E) shall be epoxy coated.



* Epoxy grout n(E) bars in 9" min. holes according to Article 584 of the Standard Specifications.

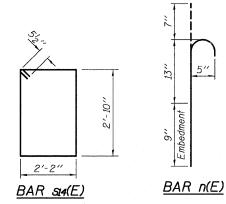




EXPIRES 11-30-2012

DESIGNED	DAB	EXAMINED		DATE -	APRII 23, 2012
CHECKED	<i>VP</i>		ACTING ENGINEER OF STRUCTURAL SERVICES		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
DRAWN	baliva	PASSED		REVISED	
CHECKED	DAB VP		ACTING ENGINEER OF BRIDGES AND STRUCTURES	REVISED	

SECTION A-A

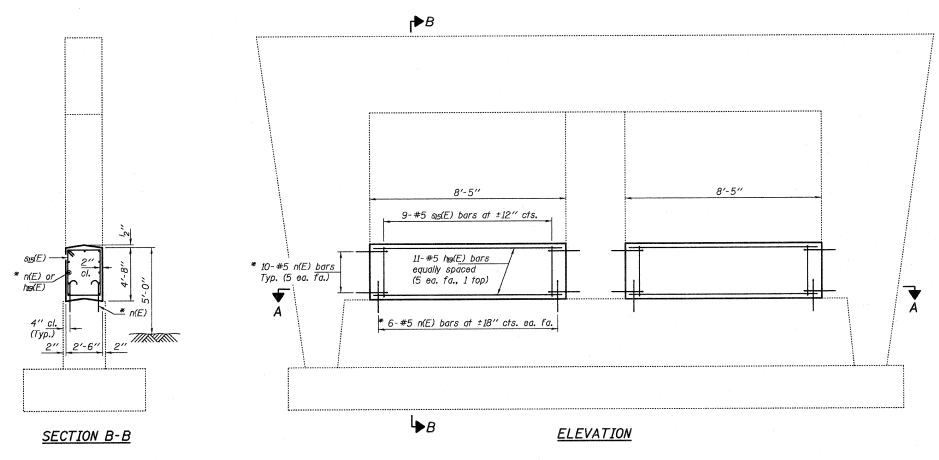


Bar	No.	Size	Length	Shap e
hie(E)	18	#5	12'-10''	
n(E)	68	#5	2'-5"	
514(E)	28	#5	10'-11''	
Concrete	Structure	5	Cu. Yd.	7.3
Reinforcement Bars, Epoxy Coated			Pound	730

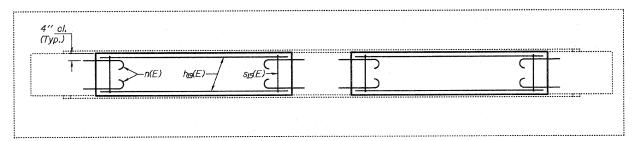
STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PIER 3 CRASHWALL EXTENSION	RTE. SECTION CO	OUNTY SHEETS NO.
	081–0131	11.000	N ISLAND 151 110
	SHEET NO. OF SHEETS	ILLINOIS FED. AID PRO	

The cost of epoxy grouting threaded rods shall be included with Reinforcement Bars, Epoxy Coated.

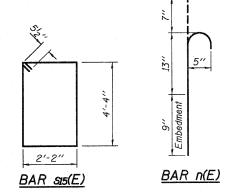
Plan dimensions and details relative to existing plans are subject to nominal construction variations. The Contractor shall field verify existing dimensions and details affecting new construction and make necessary approved adjustments prior to construction or ordering of materials. Such variations shall not be cause for additional compensation for a change in scope of the work, however, the Contractor will be paid for the quantity actually furnished at the unit price bid for the work. Reinforcement bars designated (E) shall be epoxy coated.



* Epoxy grout n(E) bars in 9" min. holes according to Article 584 of the Standard Specifications.



SECTION A-A



BILL OF MATERIAL

No.	Size	Length	Shape
22	#5	8'-1"	
64	#5	2'-5"	
18	#5	13'-11''	
Structure	Cu. Yd.	7.3	
	Pound	610	
	22 64 18 Structure	22 #5 64 #5 18 #5 Structures ment Bars,	22 #5 8'-1" 64 #5 2'-5" 18 #5 13'-11" Structures Cu. Yd. ment Bars. Paund

EXPIRES 11-30-2012

PRE-FINAL

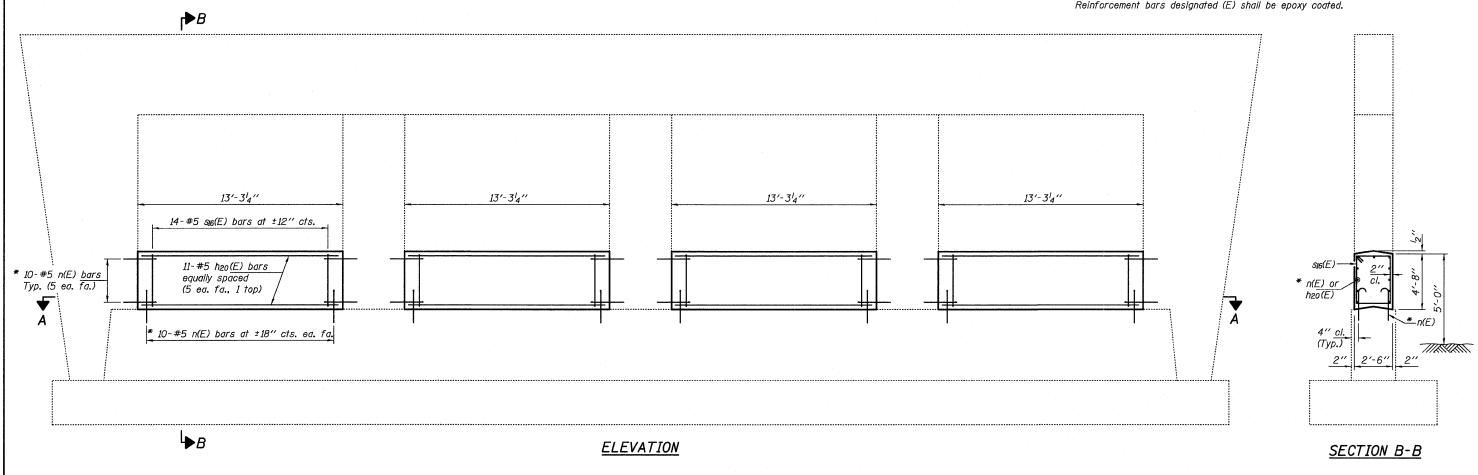
DATE: 4/23/2012

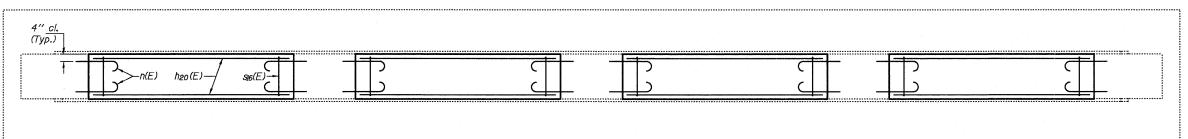
2,11 1,120 11 00 0010				· · · · · · · · · · · · · · · · · · ·		
DESIGNED DAB	EXAMINED	DATE - APRIL 23, 2012		PIER CRASHWALL EXTENSION	F.A.I. SECTION	COUNTY TOTAL SHEET NO.
CHECKED VP	ACTING ENGINEER OF STRUCTURAL SERVICES	7177112 1207 12041	STATE OF ILLINOIS	081-0132	88	ROCK ISLAND 151 UI
DRAWN baliva	PASSED	REVISED	DEPARTMENT OF TRANSPORTATION			CONTRACT NO. 64H77
CHECKED DAB VP	ACTING ENGINEER OF BRIDGES AND STRUCTURES	REVISED		SHEET NO. OF SHEETS	ILLINOIS FED.	AID PROJECT



The cost of epoxy grouting threaded rods shall be included with Reinforcement Bars, Epoxy Coated.

Plan dimensions and details relative to existing plans are subject to nominal construction variations. The Contractor shall field verify existing dimensions and details affecting new construction 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 scope of the work, however, the Contractor will be paid for the quantity actually furnished at the unit price bid for the work. Reinforcement bars designated (E) shall be epoxy coated.





SECTION A-A

PRE-FINAL DATE: 4/23/2012

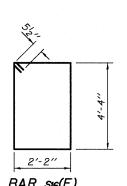
EXPIRES	11-30-2012

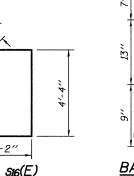
DESIGNED	DAB	EXAMINED		DATE -	APRIL 23, 2012
CHECKED	<i>VP</i>	ACTING ENGINE	R OF STRUCTURAL SERVICES		
DRAWN	baliva	PASSED		REVISED	
CHECKED	DAB VP	ACTING ENGINEER	OF BRIDGES AND STRUCTURES	REVISED	

BILL OF MATERIAL

Bar	No.	Size	Length	Shape
hzo(E)	44	#5	12'-11''	
		-		
n(E)	160	#5	2'-5"	
sie(E)	56	#5	13'-11''	
Concrete	Structure	Cu. Yd.	22.9	
Reinforce Epoxy Co		Pound	1810	

* Epoxy grout n(E) bars in 9" min. holes according to Article 584 of the Standard Specifications.





BAR SIG(E)

BAR n(E)

PIER CRASHWALL EXTENSION 098-0057

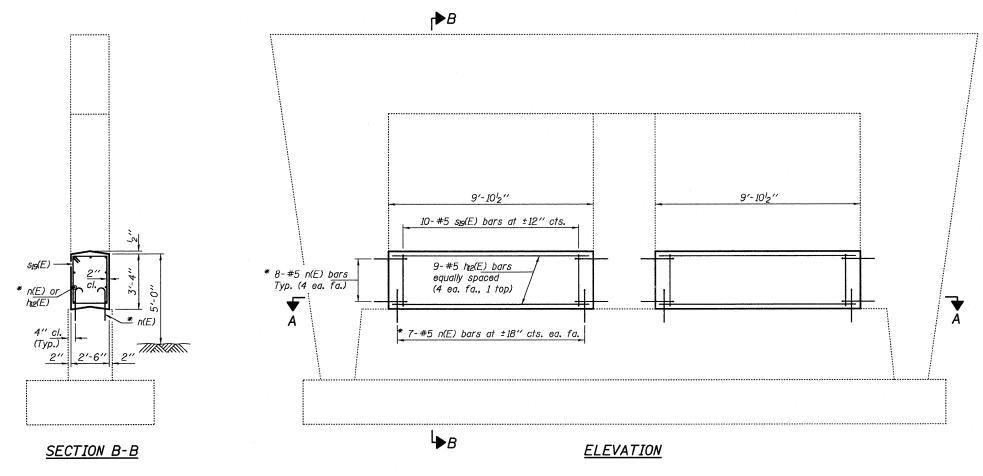
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.		
88		WHITESIDE	151	112		
CONTRACT NO. 64H77						
ILLINDIS FED. AID PROJECT						

STATE OF ILLINOIS **DEPARTMENT OF TRANSPORTATION**

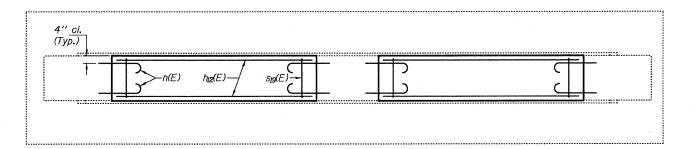
SHEET NO. OF SHEETS

The cost of epoxy grouting threaded rods shall be included with Reinforcement Bars, Epoxy Coated.

Plan dimensions and details relative to existing plans are subject to nominal construction variations. The Contractor shall field verify existing dimensions and details affecting new construction 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 scope of the work, however, the Contractor will be paid for the quantity actually furnished at the unit price bid for the work. Reinforcement bars designated (E) shall be epoxy coated.



* Epoxy grout n(E) bars in 9" min. holes according to Article 584 of the Standard Specifications.



SECTION A-A



EXPIRES 11-30-2012

DESIGNED	DAB	EXAMINED	-	DATE	-	APRIL 23, 2012
CHECKED	VP .		ACTING ENGINEER OF STRUCTURAL SERVICES			
DRAWN	baliva	PASSED		REVISE	ΞD	
CHECKED	DAB VP		ACTING ENGINEER OF BRIDGES AND STRUCTURES	REVISE	ED	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PIER 2 WB CRASHWALL EXTENSION 098-0055

SHEET NO. OF SHEETS

-				-
Bar	No.	Size	Length	Shape
h <u>ı</u> a(E)	18	#5	9'-6''	
n(E)	60	#5	2'-5"	
s <u>19</u> (E)	20	#5	11'-3''	
Concrete	Structure	Cu. Yd.	6.1	
Reinforce Epoxy Co		Pound	560	

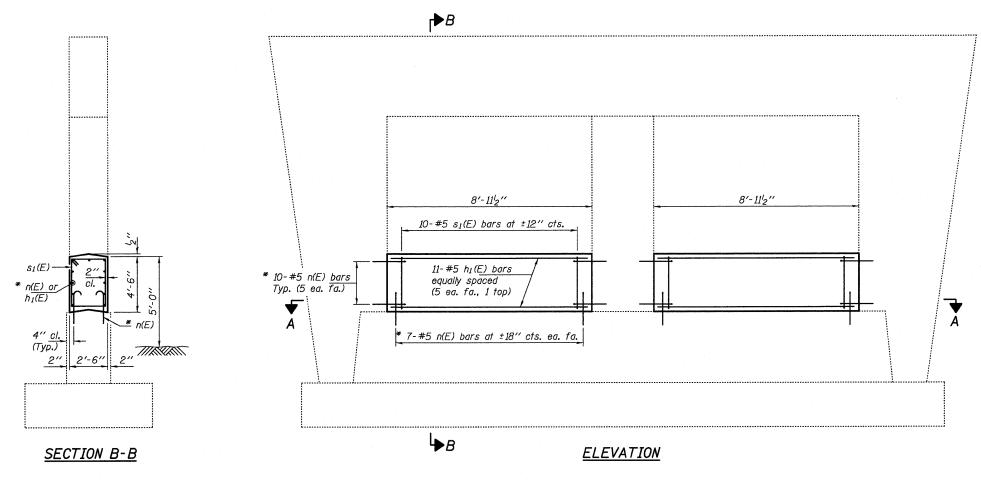
\$ -	
),EI
31.0"	9" Embedment
2'-2" BAR sig(E)	<u> </u> " BAR n(E)

2'-2"

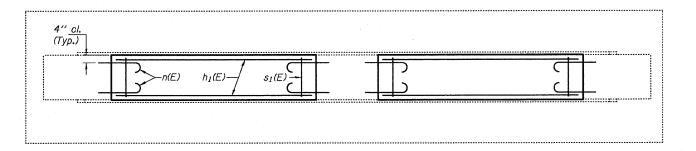
BAR SI(E)

The cost of epoxy grouting threaded rods shall be included with Reinforcement Bars, Epoxy Coated.

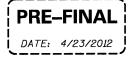
Plan dimensions and details relative to existing plans are subject to nominal construction variations. The Contractor shall field verify existing dimensions and details affecting new construction and make necessary approved adjustments prior to construction or ordering of materials. Such variations shall not be cause for additional compensation for a change in scope of the work, however, the Contractor will be paid for the quantity actually furnished at the unit price bid for the work. Reinforcement bars designated (E) shall be epoxy coated.



* Epoxy grout n(E) bars in 9" min. holes according to Article 584 of the Standard Specifications.



SECTION A-A



EXPIRES 11-30-2012

DESIGNED	DAB	EXAMINED		DATE -	APRIL 23. 2012
CHECKED	VP		ACTING ENGINEER OF STRUCTURAL SERVICES		
DRAWN	baliva	PASSED		REVISED	
CHECKED	DAB VP		ACTING ENGINEER OF BRIDGES AND STRUCTURES	REVISED	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PIER	2	CR		HWALL 8-0067	EXTENSION	
	SI	HEET	NO.	0F	SHEETS	

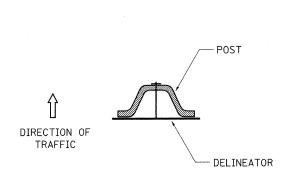
F.A.I. RTE. SECTION COUNTY TOTAL SHEETS NO. 88 WHITESIDE 151 1/4
CONTRACT NO. 64H77

BILL OF MATERIAL

BAR n(E)

BILL OF MATERIAL													
Bar	No.	Size	Length	Shape									
h1(E)	22	#5	8'-7''										
n(E)	68	#5	2'-5"										
s1(E)	20	#5	13'-7''										
Concrete	Structure	Cu. Yd.	7.5										
Reinforce Epoxy Co		Pound	650										

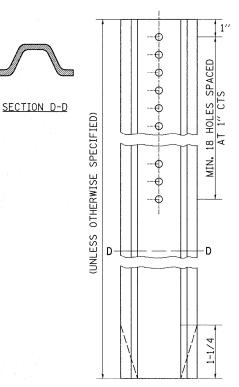
DELINEATOR AND POST ORIENTATION



DELINEATORS SHALL BE INSTALLED ACCORDING TO STANDARD 635001 EXCEPT THAT THE POST SHALL BE ROTATED 180°. THE POST WILL HAVE THE WIDE SIDE FACING TRAFFIC AND THE DELINEATOR ATTACHECD AS SHOWN ABOVE.

ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED.

REVISED - 10-3-11

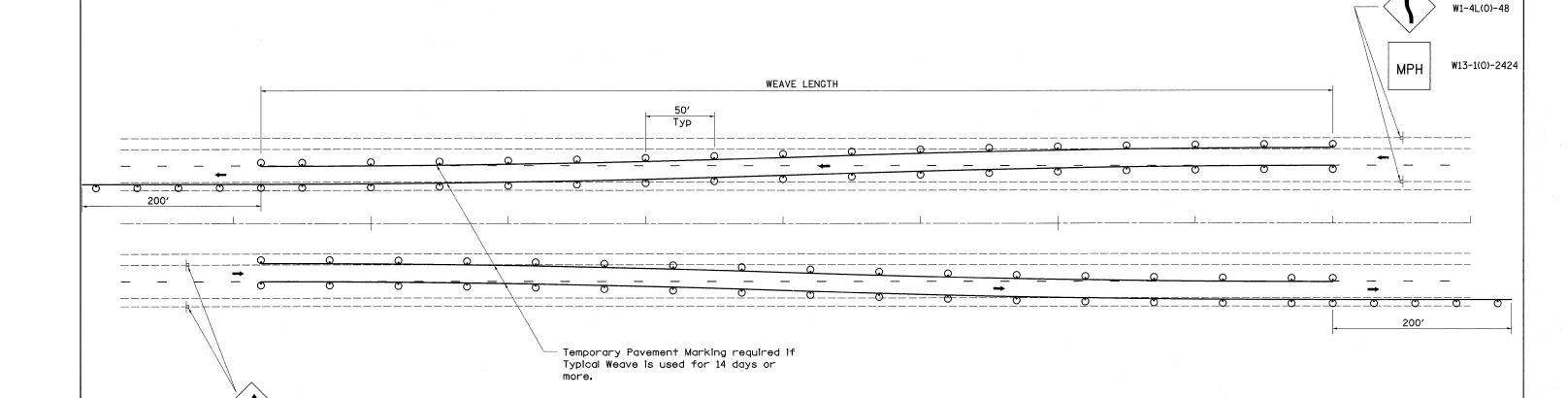


DELINEATOR AND POST ORIENTATION

37.4

REVISED		F.A.I. RTE.	SECTION	COUNTY	TOTAL	SHEET NO.
REVISED ~	REGION 2 / DISTRICT 2 STANDARD	*	D2 SAFETY 2012-2	**	151	115
REVISEĎ -			L	CONTRAC	T NO. 6	54H77
REVISED -	SCALE: 50.0000 / in SHEET NO. OF SHEETS STA. TO STA.	FED. R	OAD DIST. NO. ILLINOIS FED. A	ID PROJECT		

TRAFFIC CONTROL TYPICAL WEAVE



LEGEND

- O DRUM WITH STEADY BURN MONO-DIRECTIONAL LIGHTS
- SIGN ON PERMANENT MOUNT

DESIGNER NOTE:

W1-4R(0)-48

W13-1(0)-2424

- USE ON LONG 4-LANE PROJECTS WHERE THE CONTRACTOR MAY CHANGE A PORTION OF THE WORK TO THE OPPOSITE LANE.
- USE WHERE THE PROJECT IS ADJACENT TO ANOTHER AND THE CONTRACTOR COULD BE WORKING ON DIFFERENT LANES.
- 3. TEMPORARY PAVEMENT MARKING SHALL BE USED WHEN TYPICAL WEAVE IS USED FOR 14 DAYS OR MORE.
- 4. TRAFFIC CONTROL TYPICAL WEAVE SHALL BE INCLUDED IN THE COST OF THE SPECIFIC TRAFFIC CONTROL STANDARDS OF ITEMS.

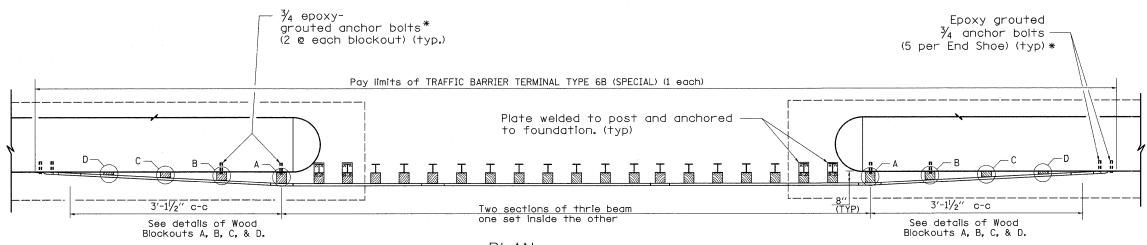
STANDARD WEAVE CONDITIONS FOR DIFFERENT SPEED LIMITS

ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED.

* 74, 80, 88 & 280 ** HENRY / ROCK ISLAND / WHITESIDE

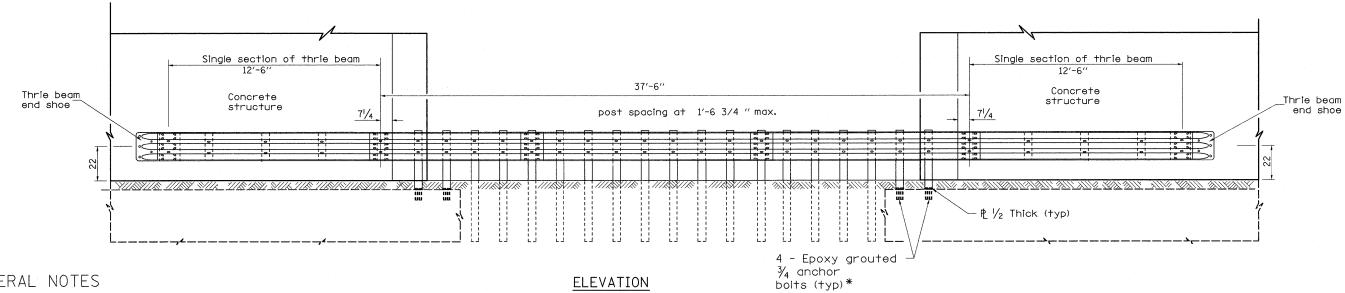
FILE NAME =	USER NAME = renkesrw	DESIGNED -	REVISED - 10-17-11								F.A.I.	SECTION	COUNTY	TOTAL SHEET SHEETS NO.
c:\pw_work\pwidot\renkesrw\dØ292974\D20	5212-sht-details.dgn	DRAWN -	REVISED -	STATE OF ILLINOIS	REGION 2 / DISTRICT 2 STANDARD					*	D2 SAFETY 2012-2	**	151 116	
	PLOT SCALE = 50.00000 ' / in.	CHECKED -	REVISED -	DEPARTMENT OF TRANSPORTATION								CONTRAC	ACT NO. 64H77	
PLOT DATE = Mon Apr 30 14:34:44 2012		DATE -	REVISED -		SCALE:	SHEET NO.	0F	SHEETS	STA.	TO STA.	FED. RO	AD DIST. NO. ILLINOIS FED.	AID PROJECT	

TRAFFIC BARRIER TERMINAL, TYPE 6B (SPECIAL)



PLAN

* With standard washers. After tightening, cut the anchor bolts flush with the nuts and damage the nuts to prevent them from loosing.



GENERAL NOTES

This work shall be done according to Section 631 of the Standard Specifications and this detail.

See Standard 630001 for details of quardrail not shown.

Thrie beam rail shall be bolted to block-out at all posts.

Posts located above pier foundation shall have plate attached to post and anchored to foundaton.

All slope ratios are expressed as units of vertical displacement to units of horizontal displacement (V:H).

All dimensions are in inches unless otherwise shown.

The Traffic barrier Terminal, Type 6B (Special) will be measured for payment, complete in place, in units of each.

This work shall be paid for at the contract unit price per each for TRAFFIC BARRIER TERMINAL, TYPE 6B (SPECIAL).

·			<u> </u>	
FILE NAME =	USER NAME = renkesrw	DESIGNED -	REVISED - 10-18-11	Г
c:\pw_work\pwidot\renkesrw\dØ292974\D20	5212-sht-details.dgn	DRAWN -	REVISED -	Ì
	PLOT SCALE = 50.0000 '/ in.	CHECKED -	REVISED -	1
	PLOT DATE = Mon Apr 30 14:34:39 2012	DATE -	REVISED -	

STATE OF ILLINOIS **DEPARTMENT OF TRANSPORTATION**

PLATE DETAIL								* 74, 80, 88 & 280 ** HENRY / ROCK ISLAND / WHITESIDE										
							F.A.I. RTE.	SECTION	COUNTY	TOTAL	SHEET NO.							
REGION 2 / DISTRICT 2 STANDARD						*	D2 DAFETY 2012-2	**	151	117								
									CONTRACT	NO. 6	4H77							
SCALE:	SHEET NO.	OF	SHEETS	STA.	T0	STA.	FFD. ROA	D DIST. NO. THE INDIS FED. AT	D PROJECT									

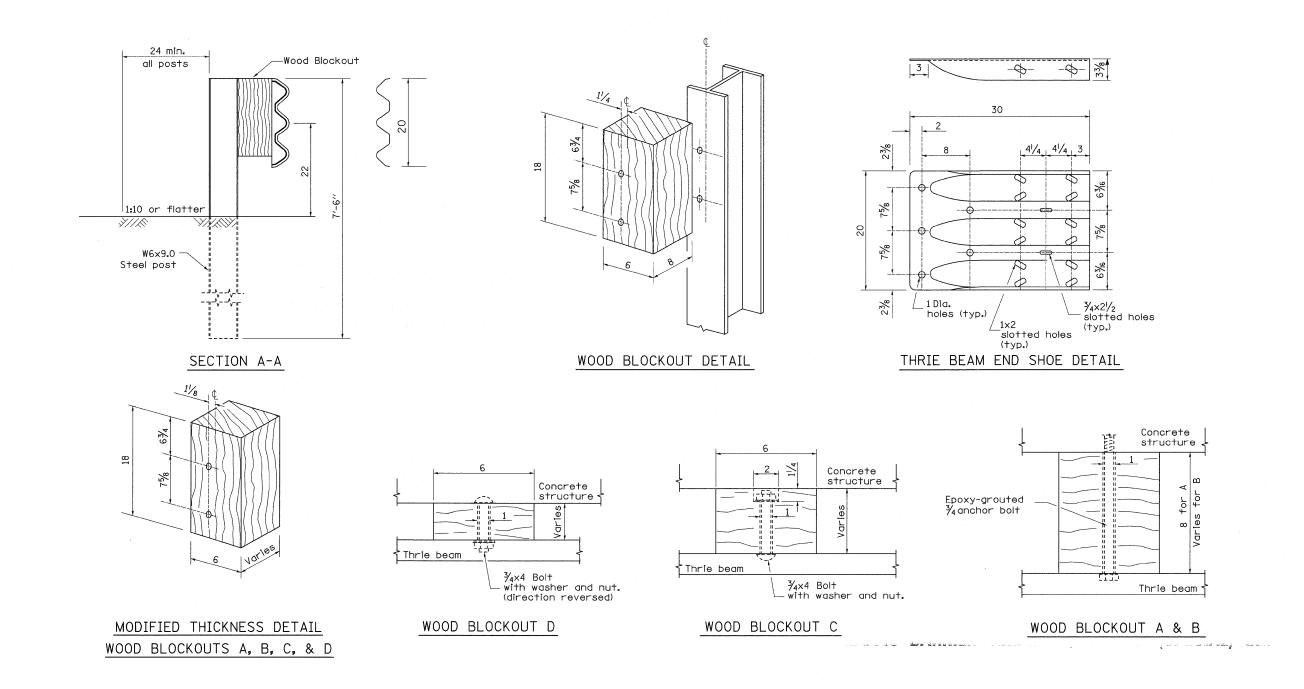
All around except

for blockout side.

90.1

Full pen.

TRAFFIC BARRIER TERMINAL, TYPE 6B (SPECIAL)



			38 &			
**	HEN	RY /	ROCK	ISLAND		
					-	 01/61

FILE NAME =		USER NAME = renkesrw	DESIGNED -	REVISED - 10-18-11						F.A.I.	SECTION	COUNTY	TOTAL	SHEET		
c:\pw_work\pwidot	ot\renkesrw\dØ292974\D2Ø	5212-sht-details.dgn	DRAWN -	REVISED ~	STATE OF ILLINOIS	REGION 2 / DISTRICT 2 STANDARD						*	D2 SAFETY 2012-2	**	151	118
		PLOT SCALE = 50.0000 '/ in.	CHECKED -	REVISED ~	DEPARTMENT OF TRANSPORTATION					—	DE OMEN LOIL E	CONTRAC	T NO. 6	4H77		
		PLOT DATE = Mon Apr 30 14:34:40 2012	DATE -	REVISED -		SCALE:	SHEET NO.	OF	SHEETS	STA.	TO STA.	FED. RO	D DIST. NO. ILLINOIS FED. A	AID PROJECT		

