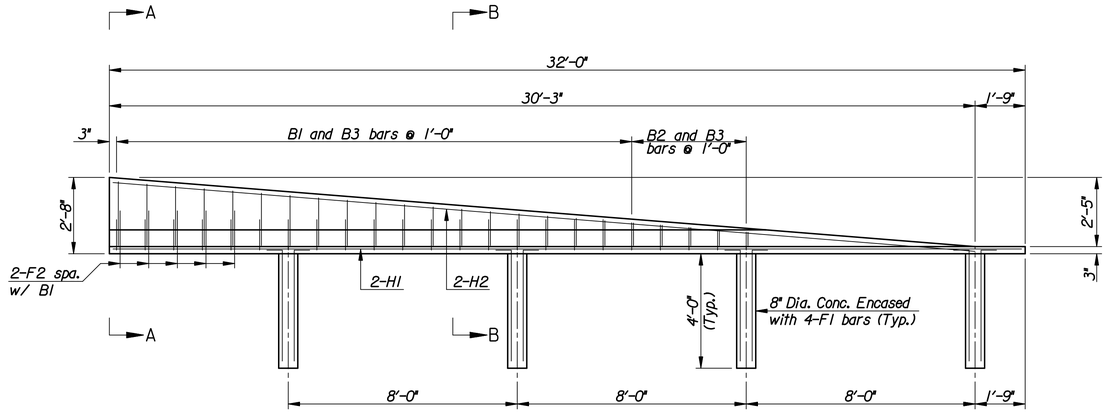
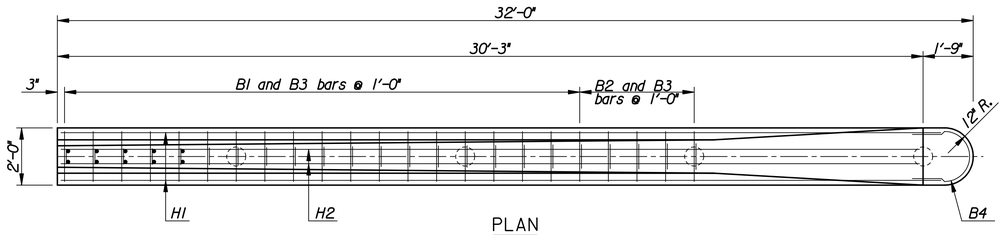
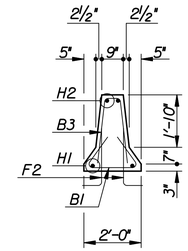


ELEVATION



PLAN



SECTION A-A

REINFORCING STEEL *							
Straight Bars				Bent Bars			
Mark	No.	Size	Length	Mark	No.	Size	Length
H1	2	#4	31'-10"	B1	18	#4	4'-2"
H2	2	#4	30'-4"	B2	5	#4	Varies
				B3	23	#4	Varies
				B4	1	#5	4'-9"
				F1	16	#4	4'-4"
				F2	10	#8	2'-8"

* For one barrier, two required.

Note: Provide 2" end and edge clearance (Typ.).

* SUMMARY OF QUANTITIES (Total of two)		
Class 4.0 Concrete (AE)	4.6	Cu.Yds.
Reinforcing Steel (Gr.60)	636	Lbs.

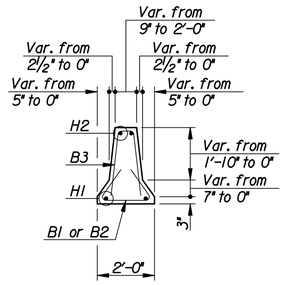
* For Information Only

General Notes:

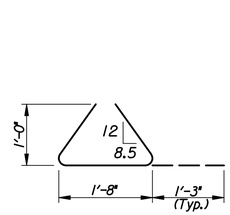
The Concrete Safety Barrier (Type II) shall be constructed of Class 4.0 Concrete (AE) and Reinforcing Steel complying to A.S.T.M. Designation A-615 Grade 60. All Bar clearances shall be 1½" unless otherwise noted.

The Exposed Faces of the Barrier shall be Grooved with a ¾" Champher Strip at Contraction Joint locations. Where adjacent to Asphalt Pavement, Joints shall be spaced as shown (7'-6" Intervals). Where adjacent to Concrete Pavement, Contraction Joints shall Match those in the adjacent Pavement.

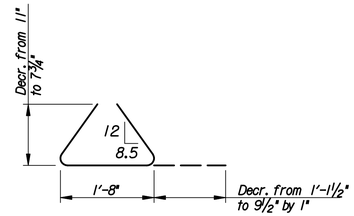
The Bid Item "Concrete Safety Barrier (Type II)(Special)" shall be measured per linear foot as per Plan. The amount of completed and accepted work, measured by linear foot, shall be paid for at the Contract Unit Price Bid for "Concrete Safety Barrier (Type II)(Special)". This Price shall be considered full compensation for furnishing all material, equipment and labor necessary to complete the work.



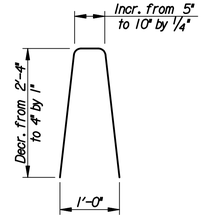
SECTION B-B



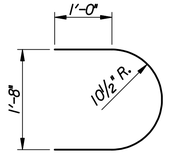
B1



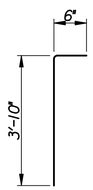
B2



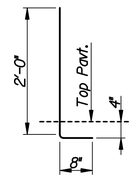
B3



B4



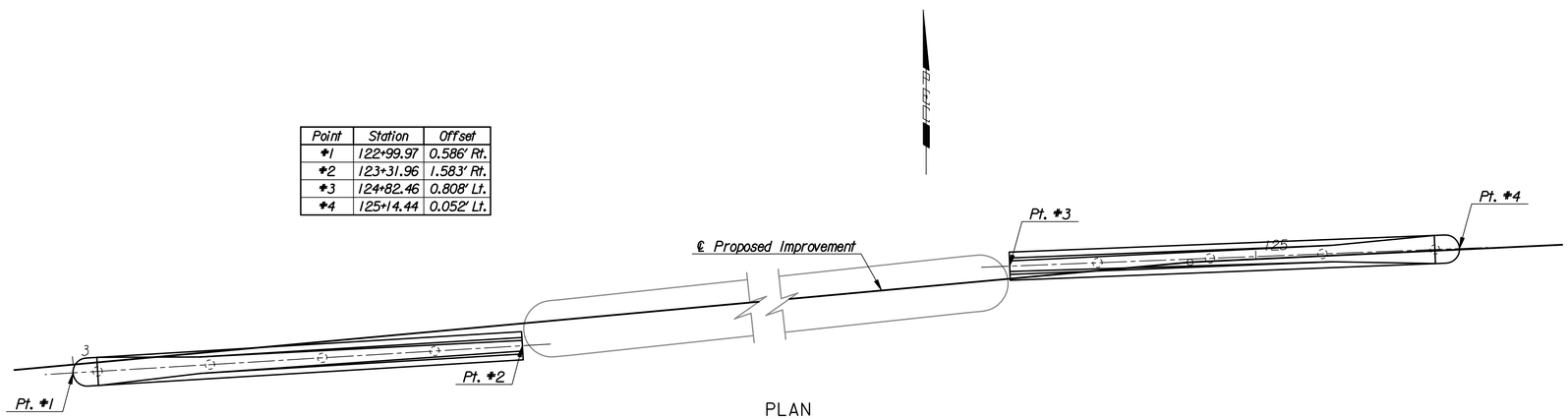
F1



F2

BENDING DIAGRAM
Dimensions are out to out of bars

Point	Station	Offset
#1	122+99.97	0.586' Rt.
#2	123+31.96	1.583' Rt.
#3	124+82.46	0.808' Lt.
#4	125+14.44	0.052' Lt.



PLAN

No.	Revision	By	Date

WATERMAN STREET

CONCRETE SAFETY BARRIER DETAILS

JAMES L. ARMOUR, P.E.-CITY ENGINEER
CITY OF WICHITA PROJECT NO. 468-84167

Professional Engineering Consultants, P.A.
303 S. TOPEKA • WICHITA, KANSAS 67202
316-262-2691 • FAX 316-262-3003

Designed by	RAS	Job No.	06237	Sht. R27 of R111
Drawn by	WLL	Date	Feb., 2007	

DSNR: RAS OPER: WLL SCALE: 1"=10'
I:/2006/06237/DETAILS/06237-000-BARRIERDTL.DGN LAST REV: 2-20-2007 BY: RAS