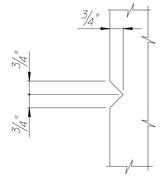
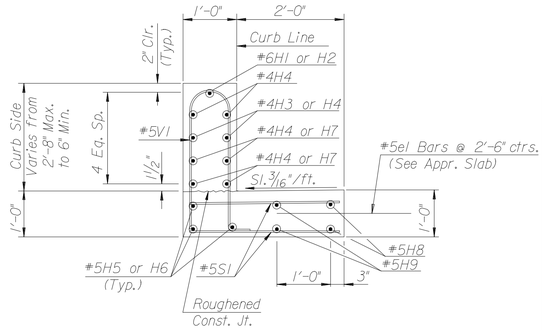
PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
472-84118	2005	32	79



TYPICAL 3/4" TRIANGULAR GROOVE DETAIL



SECTION THRU SAFETY BARRIER (TRANSITION)

Adjust F.L. & crossslope in first 5' to meet Combined Curb & Gutter(Type I)

BILL OF MATERIALS
(ONE END)

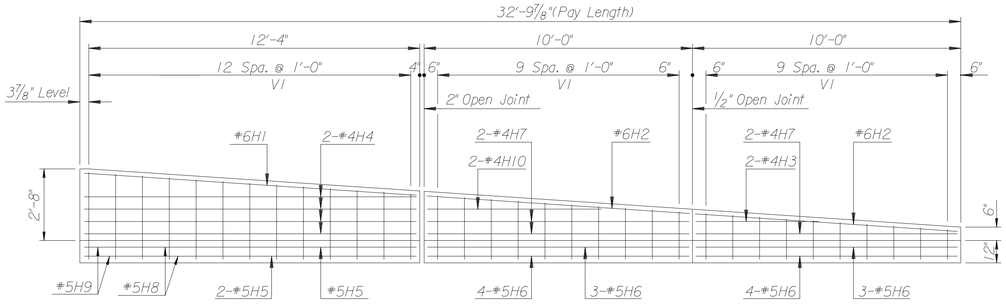
REINFORCING STEEL

Mark	No.	Size	Length	Mark	No.	Size	Length
Typical Entrance End (One)							
H1	1	6	12'-3"	H6	14	5	9'-8"
H2	2	6	9'-8"	H7	6	4	9'-8"
H3	2	4	4'-5"	H8	2	5	13'-1"
H4	8	4	12'-4"	H9	2	5	12'-9"
H5	3	5	12'-4"	H10	2	4	6'-6"
Sl	66	5	2'-8"				
V1	33	5	Varies				

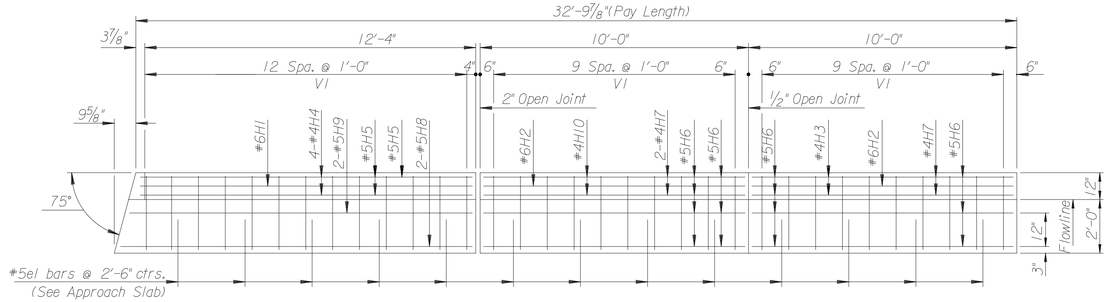
* SUMMARY OF QUANTITIES

Item	Quantity	Unit
Concrete Grade (4.0)(AE)	5.6	C.Y.
Reinforcing Steel (Gr. 60)	821	Lbs.

* For Information Only (Total - 1 End)

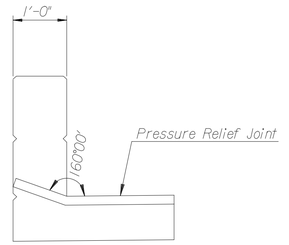


ELEVATION

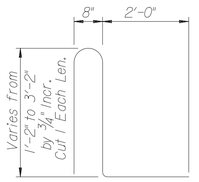


PLAN

ENTRANCE END



TYPICAL BARRIER JOINT TREATMENT



V1

BENDING DIAGRAMS

Dimensions are out to out of bars

CONCRETE SAFETY BARRIER (SPECIAL) (AE) NOTES

The "Concrete Safety Barrier (Special)(AE)" shall be constructed of Concrete Grade (4.0)(AE) and A-615 Grade 60 reinforcing steel.

The 2'-8" sections of the barrier shall be grooved with a 3/4" chamfer strip on all exposed edges.

The bid item "Concrete Safety Barrier (Special) (AE)" measured per lineal foot as per plan, shall be full compensation for furnishing all materials, equipment and labor necessary.

No.	Revisions	By	Date
1			

CITY OF WICHITA

STRUCTURE NO. 530400870OLBS05 STA. 46+45.00

55TH AND HYDRAULIC AVE.

CONCRETE SAFETY BARRIER (SPECIAL) (AE) (ENTRANCE END)

PROJECT NO. 472-84118 SEDGWICK COUNTY

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

Designed by	R.A.S.	Checked by	R.A.S.	
Drawn by	W.L.L.	Date	July 2005	Job No. 99764

drawn by: wll
plotted by: ras 9-8-2005
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