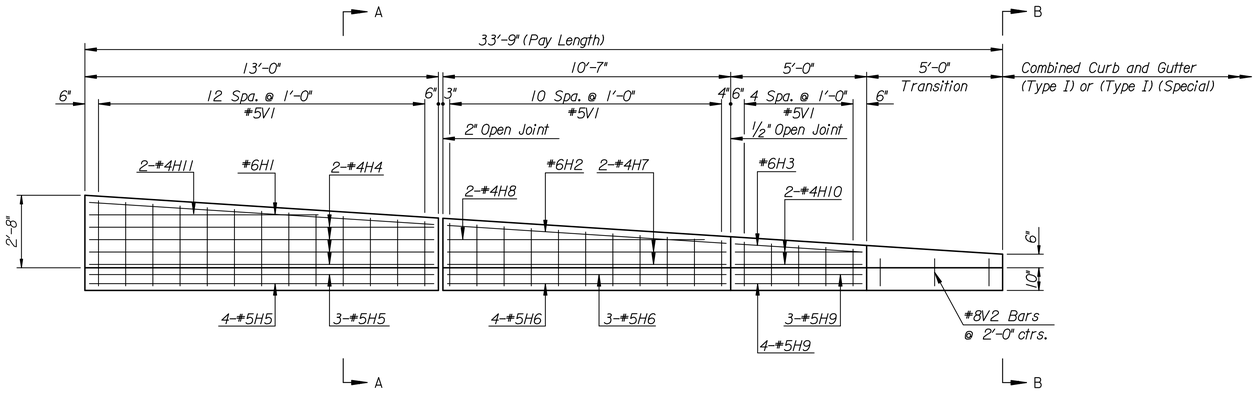
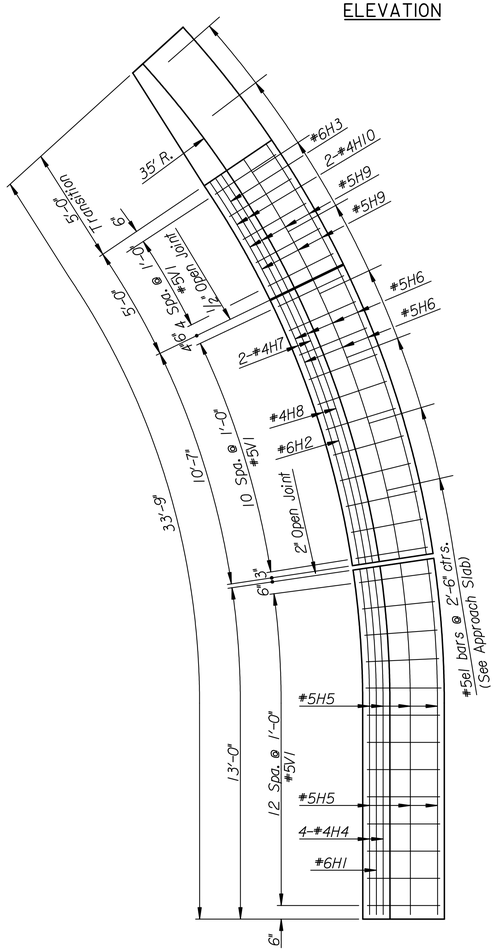
STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	87 N-0514-01	2010	55	148

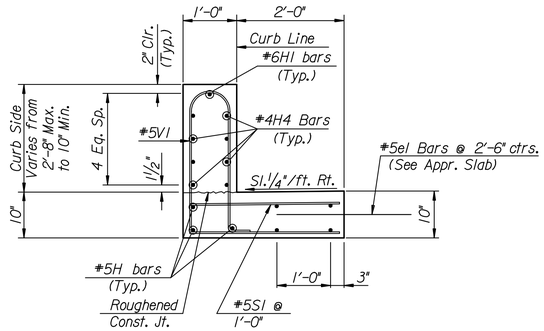


ELEVATION



PLAN

Dim. Along Curb Line.



SECTION A-A
(TRANSITION THRU SAFETY BARRIER)

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

BILL OF MATERIALS
(ONE END)

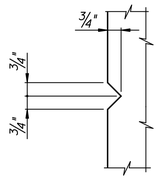
REINFORCING STEEL

Mark	No.	Size	Length	Mark	No.	Size	Length
H1	1	6	12'-8"	H6	7	5	10'-3"
H2	1	6	10'-3"	H7	4	4	10'-3"
H3	1	6	4'-8"	H8	2	4	9'-1"
H4	8	4	12'-8"	H9	7	5	4'-8"
H5	7	5	12'-8"	H10	4	4	4'-8"
H11	2	4	8'-5"				
Sl	29	5	2'-8"				
VI	29	5	Varies				
V2	3	8	1'-0"				

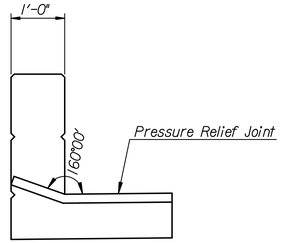
*SUMMARY OF QUANTITIES

Item	Quantity	Unit
Concrete (Grade 4.0)(AE)	5.1	C.Y.
Reinforcing Steel (Gr. 60) (Epoxy)	682	Lbs.

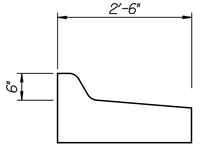
* For Information Only
Quantities are listed on RFB General Notes, Quantites and Layout sheet.



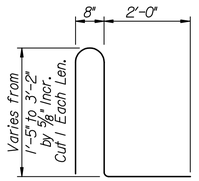
TYPICAL 3/4" TRIANGULAR GROOVE DETAIL



TYPICAL BARRIER JOINT TREATMENT



SECTION B-B
Left (Type I) (Special)



#5VI

BENDING DIAGRAMS
Dimensions are out to out of bars

CONCRETE SAFETY BARRIER (TRANSITION) NOTES

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

RICHARD A. SCHILLT LICENSED 8024 KANSAS PROFESSIONAL ENGINEER 3/17/2010

No.	Revisions	By	Date
1			

CITY OF WICHITA

127TH ST. STA. 5+86.19

CONCRETE SAFETY BARRIER (TRANSITION) (NW)

127th and Harry St.

PROJECT NO. 87 N-0514-01 SEDGWICK COUNTY

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

Designed by	R.J.M	Checked by	R.A.S.	
Drawn by	R.J.M	Date	Feb. 2010	Job No. 08778

Sh. No. 55

Plotted By : rjm Plotted : 2/17/2010
File : i:\2008\08778\Office Check\08778-055-transbarrier_NW.dgn