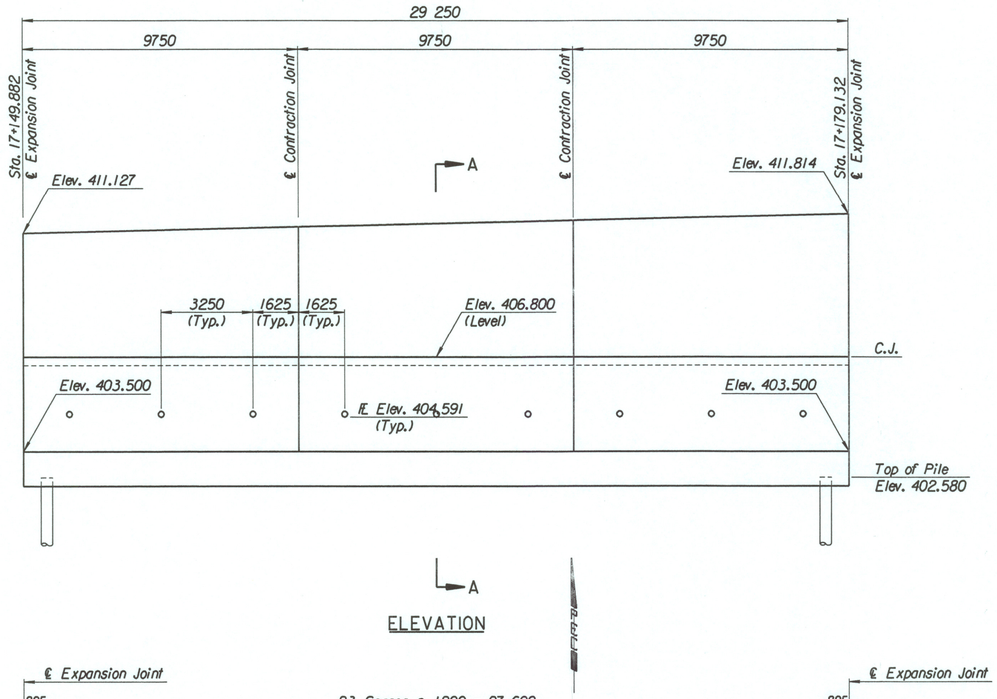
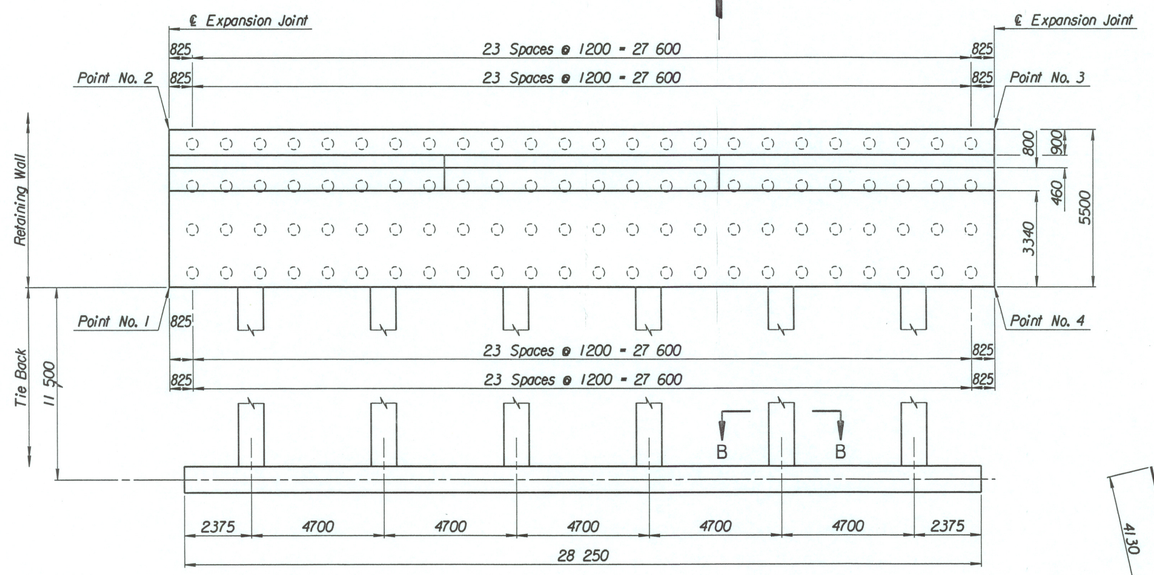
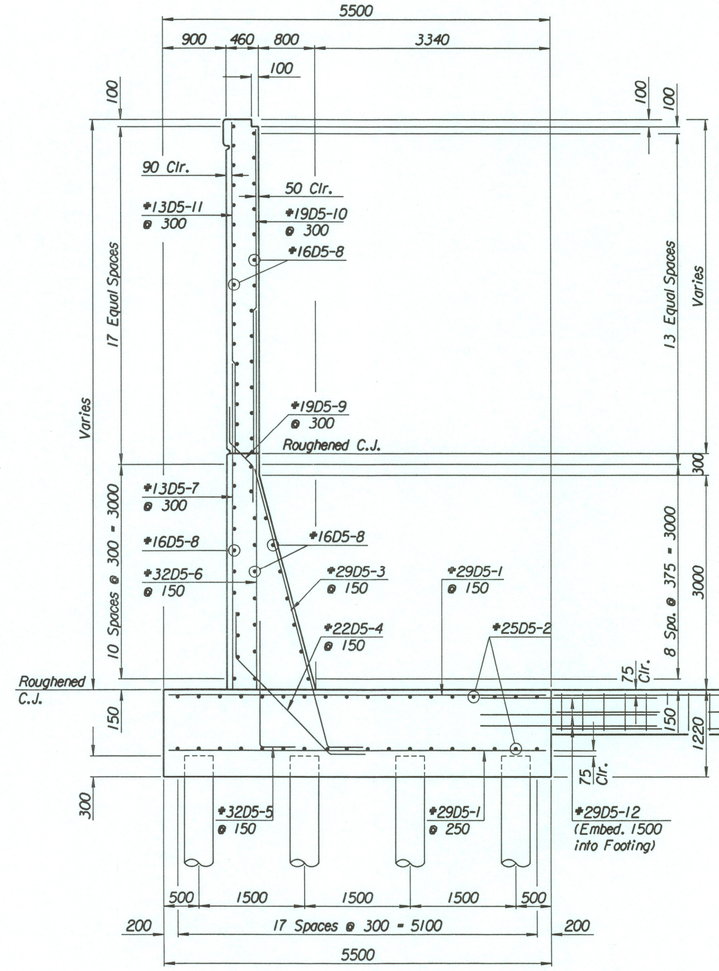
STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	54-87 K-6657-01	2002	319	1122



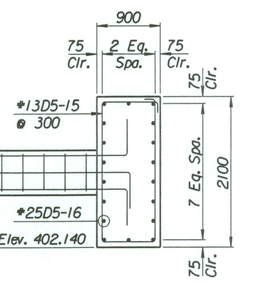
ELEVATION

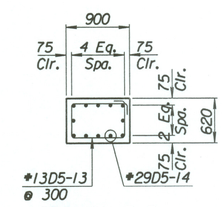


PLAN

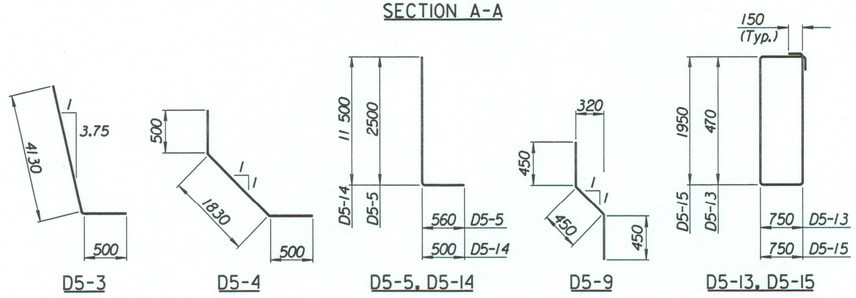


SECTION A-A





SECTION B-B



BENDING DIAGRAMS
All dimensions are out to out of bars.

LAYOUT INFORMATION

Point No.	North Coordinate	East Coordinate	Station	Offset
1	511940.451	493040.667	17+149.882	13.895 Lt.
2	511945.439	493038.350	17+149.882	19.395 Lt.
3	511957.761	493064.878	17+179.132	19.395 Lt.
4	511952.773	493067.195	17+179.132	13.895 Lt.

REINFORCING STEEL

Straight Bars				Bent Bars			
Mark	Size	Number	Length	Mark	Size	Number	Length
D5-1	#29	312	5420	D5-3	#29	195	4630
D5-2	#25	72	15 540	D5-4	#22	195	2830
				D5-5	#32	195	3060
D5-6	#32	195	6330				
D5-7	#13	99	4600	D5-9	#19	99	1350
D5-8	#16	171	9650				
D5-10	#19	99	4180				
D5-11	#13	99	4280				
D5-12	#29	72	4000				

WALL QUANTITIES

Item	Quantity	Unit
Pressure Grouted Pile (406 mm)	1152.0	m
Concrete (Grade 30)(AE)	338.3	m^3
Reinforcing Steel (Grade 420)	37 091	kg
Class III Excavation	242.6	m^3

TIE BACK REINFORCING STEEL

Straight Bars				Bent Bars			
Mark	Size	Number	Length	Mark	Size	Number	Length
D5-16	#25	36	15 040	D5-13	#13	222	2740
				D5-14	#29	72	12 000
				D5-15	#13	94	5700

TIE BACK QUANTITIES

Item	Quantity	Unit
Concrete (Grade 30)(AE)	90.4	m^3
Reinforcing Steel (Grade 420)	7660	kg

No.	Revisions	By	Date
1			

CITY OF WICHITA

TYLER NORTHWEST WALL

STA. 17+149.882 TO STA. 17+179.132

SEDGWICK COUNTY

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

Designed by	P.D.F.	Checked by	R.A.S.
Drawn by	W.L.L.	Date	April, 2002
		Job No.	97362

Drawn by: will
Plotted by: drp 4-11-2002
i:/1997/97362/001/bridge/tylerrd/NWwall-4