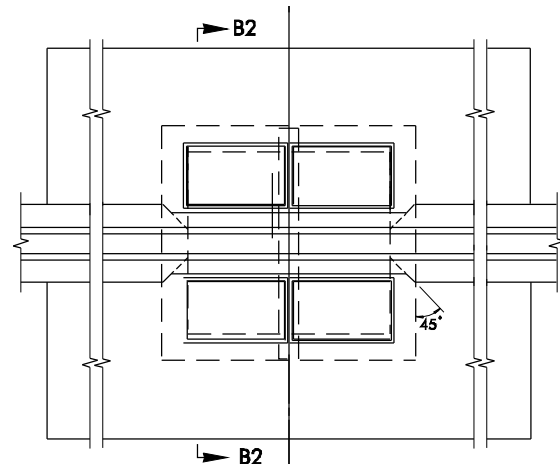
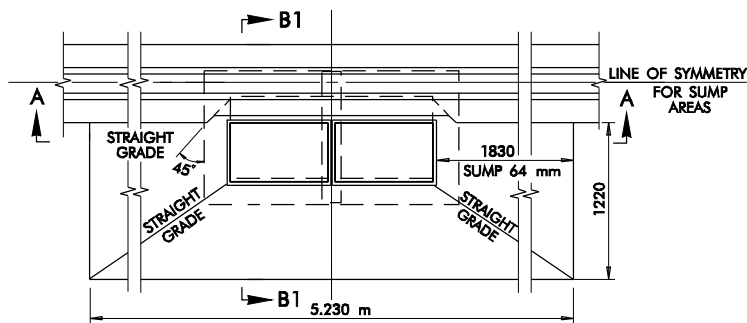
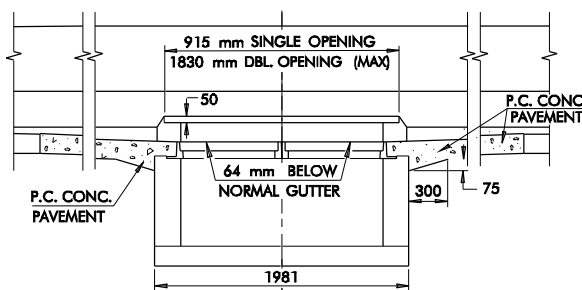




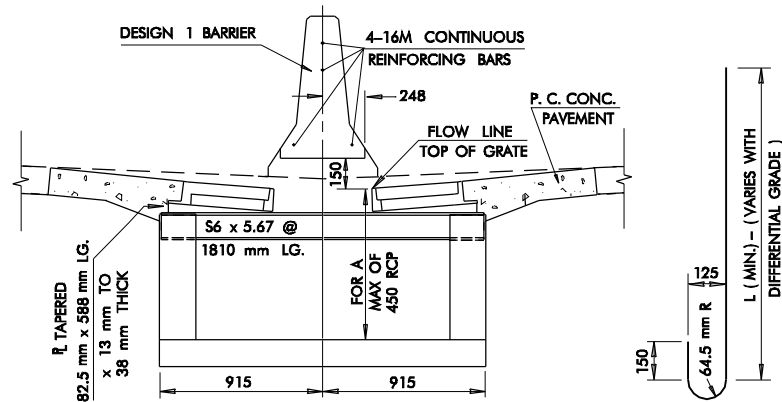
PLAN OF DOUBLE SIDED INLET (TYPE II)
IN MEDIAN BARRIER



PLAN OF SINGLE SIDED INLET (TYPE I)
IN MEDIAN BARRIER

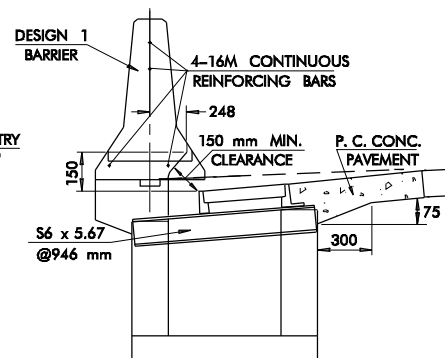


SECTION A-A



SECTION B2-B2

NOTE: SEE ROADWAY STD. SSIF-3 & CIG-2
FOR AVAILABLE INLET FRAME & GRATES TO
BE USED ON SINGLE (TYPE I) OR DOUBLE
(TYPE II) SIDED INLETS.

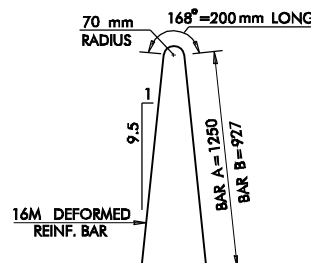


SECTION B1-B1

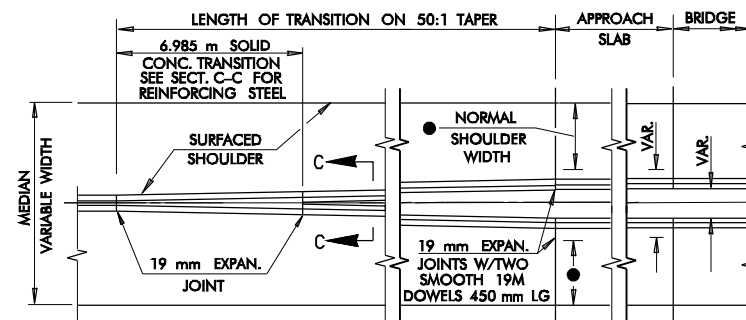
BENDING DIAGRAM
BAR C (J-HOOK) @250 mm C/C

L(MIN.)	GRADE DIFF.(mm)	OVERALL
1041	300 THRU 450	1372
1194	475 THRU 600	1524
1346	625 THRU 750	1702
1499	775 THRU 900	1854

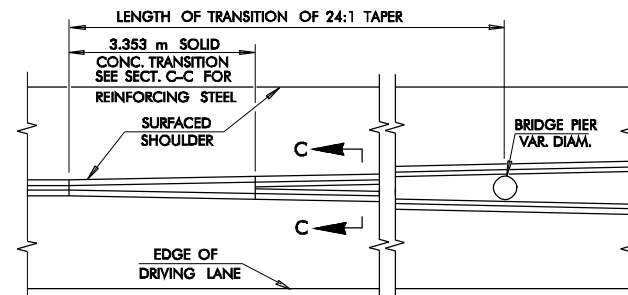
NOTE: FOR GRADE DIFFERENCE OF
0 TO 280 mm BETWEEN OPPOSITE
SIDES OF BARRIER, NO ADDITIONAL
REINFORCEMENT IS REQUIRED.



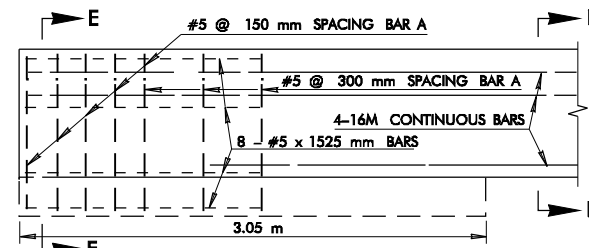
BENDING DIAGRAM
BARS A & B



DETAIL OF TRANSITION SECTION AT BRIDGE ENDS



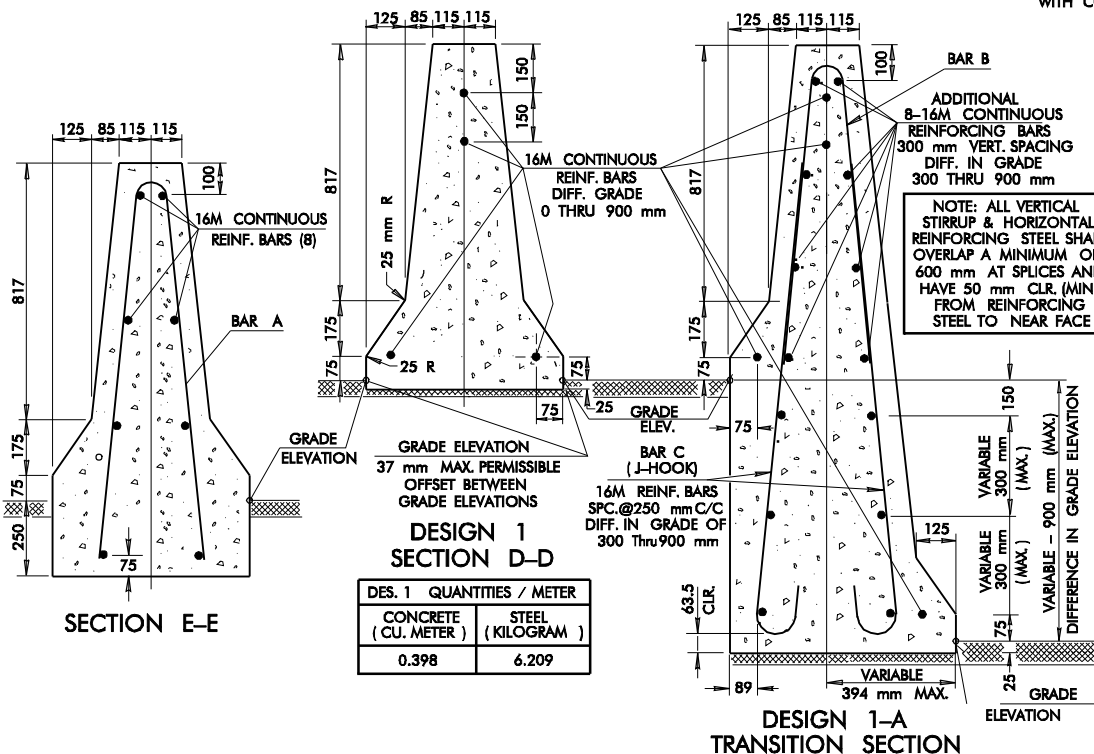
DETAIL OF TRANSITION SECTION AT BRIDGE PIERS



MEDIAN BARRIER ANCHOR END SECTION
(TO BE PLACED AT BEGINNING AND END OF MEDIAN BARRIER RUNS
WITH COST TO BE INCLUDED IN PAYMENT FOR DES. 1 BARRIER WALL)

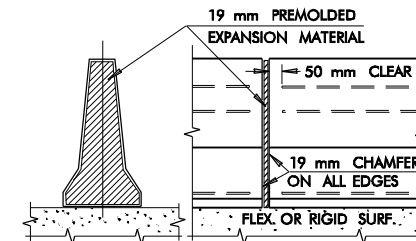
MEDIAN BARRIER DESIGN 1-A QUANTITIES DIFFERENTIAL GRADE SECTION					
DIFFERENCE IN GRADE ELEVATION mm	CONC. CU. M PER METER	HORIZ. REINF. 16M BARS EACH	@250 mm C/C BAR B 16M BAR mm	@250 mm C/C BAR C 16M BAR mm	TOTAL REINF. QUANTITY Kg/M
25	0.412	4	-	-	6.209
50	0.426	4	-	-	6.209
75	0.439	4	-	-	6.209
100	0.453	4	-	-	6.209
125	0.468	4	-	-	6.209
150	0.482	4	-	-	6.209
175	0.496	4	-	-	6.209
200	0.510	4	-	-	6.209
225	0.524	4	-	-	6.209
250	0.539	4	-	-	6.209
275	0.553	4	-	-	6.209
300	0.568	14	1@1980	1@1370	51.311
325	0.582	14	1@1980	1@1370	51.311
350	0.597	14	1@1980	1@1370	51.311
375	0.612	14	1@1980	1@1370	51.311
400	0.627	16	1@1980	1@1370	51.311
425	0.641	16	1@1980	1@1370	51.311
450	0.656	16	1@1980	1@1370	54.415
475	0.671	16	1@1980	1@1524	56.293
500	0.686	16	1@1980	1@1524	56.293
525	0.701	16	1@1980	1@1524	56.293
550	0.717	16	1@1980	1@1524	56.293
575	0.732	16	1@1980	1@1524	56.293
600	0.747	18	1@1980	1@1524	56.293
625	0.763	18	1@1980	1@1700	58.484
650	0.778	18	1@1980	1@1700	58.484
675	0.793	18	1@1980	1@1700	58.484
700	0.809	18	1@1980	1@1700	58.484
725	0.825	18	1@1980	1@1700	58.484
750	0.840	18	1@1980	1@1700	61.589
775	0.856	18	1@1980	1@1880	63.780
800	0.872	18	1@1980	1@1880	63.780
825	0.888	18	1@1980	1@1880	63.780
850	0.903	18	1@1980	1@1880	63.780
875	0.919	18	1@1980	1@1880	63.780
900	0.936	18	1@1980	1@1880	63.780

NOTE: ALL VERTICAL
STIRRUP & HORIZONTAL
REINFORCING STEEL SHALL
OVERLAP A MINIMUM OF
600 mm AT SPLICES AND
HAVE 50 mm CLR. (MIN.)
FROM REINFORCING
STEEL TO NEAR FACE

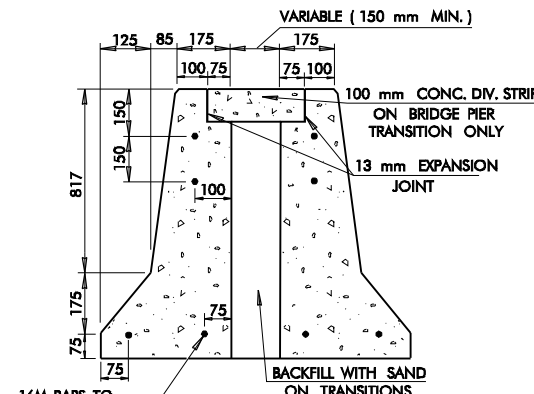


DESIGN 1-A
TRANSITION SECTION

DES. 1 QUANTITIES / METER	
CONCRETE (CU. METER)	STEEL (KILOGRAM)
0.398	6.209



DETAIL EXPANSION JOINT



SECTION C-C

GENERAL NOTES

- ALL CONSTRUCTION AND MATERIAL SHALL BE IN ACCORDANCE WITH THE 1999 METRIC STANDARD SPECIFICATIONS.
- PRICE BID SHALL INCLUDE PAYMENT FOR MATERIALS, LABOR, PIPE SLEEVES, EXPANSION JOINTS AND ALL INCIDENTALS NECESSARY TO COMPLETE THE INSTALLATION.
- SEE 1999 TRAFFIC STD. DRAWING BMF1-1 (TRAFFIC T-220E) FOR DETAILS OF MEDIAN BARRIER MOUNTED LIGHT POLE BASES AND INSTALLATIONS.
- MEDIAN BARRIER SHALL BE MEASURED FOR PAYMENT AS CONTINUOUS BARRIER. PAYMENT FOR LIGHT POLE FOOTINGS TO BE INCLUDED IN OTHER ITEMS OF WORK.
- WHEN BARRIER IS PLACED ON FLEXIBLE BASE OR SURFACING, CONTRACTION JOINTS OR CHAMFERS ARE REQUIRED AT MAX. 6.1 m C/C SPACING AND EXPANSION JOINTS ARE REQUIRED AT MAX. 6.1 m C/C SPACING. WHEN THE BARRIER IS PLACED ON P.C. CONCRETE SURFACING, THE ONLY JOINTS REQUIRED ARE THOSE THAT SHALL MATCH THE JOINTS ON THE RIGID SURFACING.
- WHEN MEDIAN BARRIER IS CONSTRUCTED OR EXISTS PRIOR TO CONSTRUCTION OF ADJACENT SHOULDERS OR OVERLAYS, THE SHOULDER LAYERING SHALL NOT ALTER THE ORIGINAL TRAFFIC SIDE GEOMETRY OF THE MEDIAN BARRIER.

BASIS OF PAYMENT

ITEM NO.	ITEM	UNIT
627.06(1)	CONCRETE MEDIAN BARRIER DESIGN 1	M
509.06(B)	CLASS A CONCRETE (MED. BAR. DES 1-A)	CU. M.
511.06	REINFORCING STEEL	Kg
611.06(E)	INLET - MEDIAN BARRIER - TYPE I, DESIGN 1	EA.
611.06(E)	INLET - MEDIAN BARRIER - TYPE II, DESIGN 1	EA.

APPROVED BY ROADWAY ENGINEER

DATE

OKLAHOMA DEPT. OF TRANSPORTATION
ROADWAY STANDARD (METRIC)

CAST-IN-PLACE MEDIAN BARRIER

1999 SPECIFICATIONS	NCHRP 350 F-SHAPE	MB-3	Q3M
ALL DIMENSIONS ON THIS SHEET IN MILLIMETERS UNLESS OTHERWISE NOTED.			