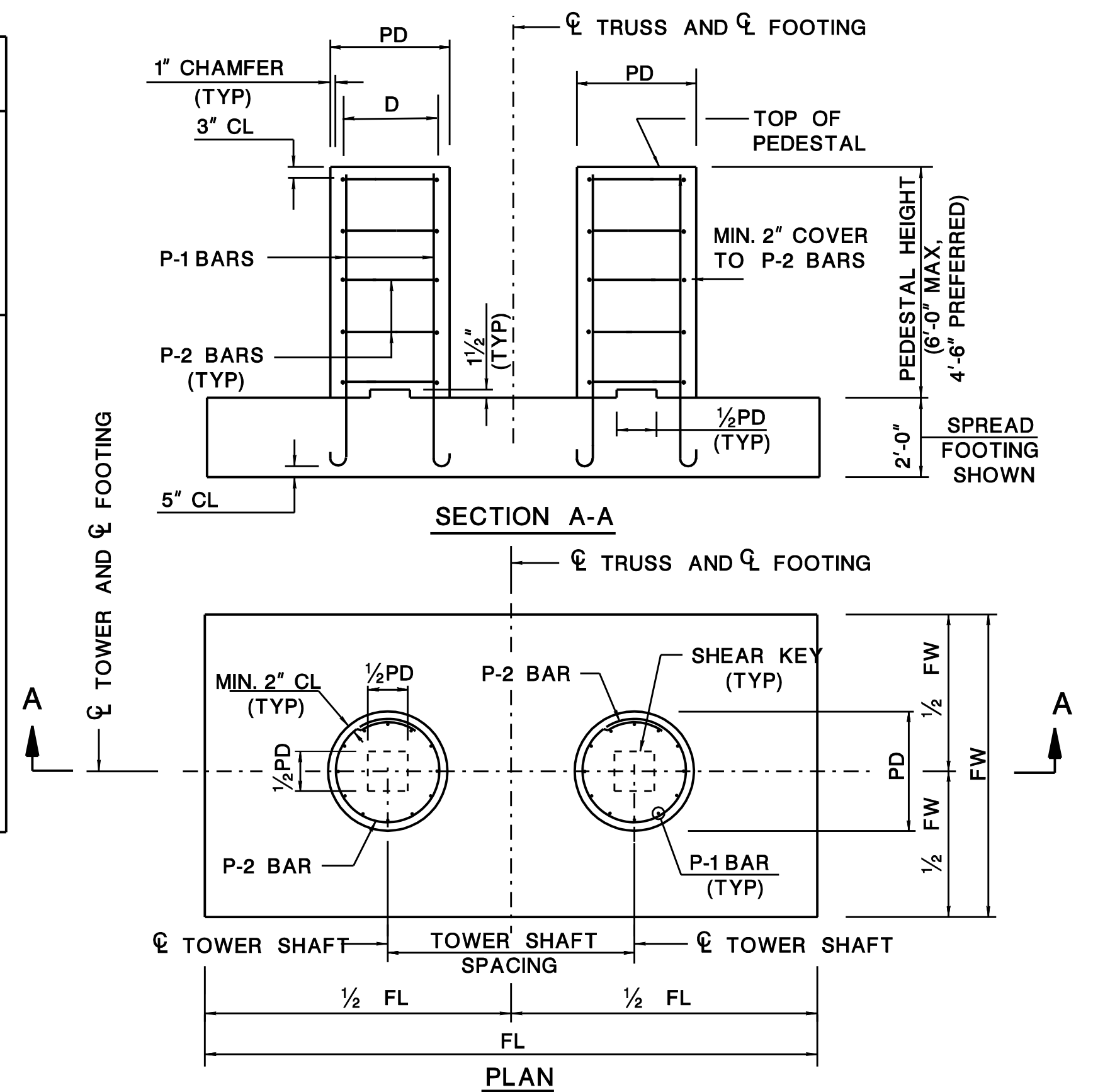


BARRIER PEDESTAL REINFORCEMENT														
BARRIER SIZE BLxBWT (FT)	VOL OF CONC (C.Y.)	HORIZONTAL BARS												
		#13 BAR, TYPE "B-2"				#13 BAR, TYPE "B-3"				#13 BAR, TYPE "B-4"				WEIGHT TOTAL (LBS)
		No.	B	C	LENGTH	No.	E	F	LENGTH	No.	E	G	LENGTH	
9 x 2.50	7.1	10	2'-0"	1'-0"	4'-0"	8	5'-8"	2'-2"	10'-0"	8	5'-8"	2'-8"	11'-0"	139
10 x 2.75	8.5	11	2'-3"	1'-0"	4'-3"	8	6'-4"	2'-4"	11'-0"	8	6'-4"	2'-9"	11'-10"	153
10 x 3.00	9.0	11	2'-6"	1'-0"	4'-6"	8	6'-4"	2'-5"	11'-2"	8	6'-4"	2'-10"	12'-0"	158
11 x 3.25	10.6	12	2'-9"	1'-0"	4'-9"	8	7'-0"	2'-7"	12'-2"	8	7'-0"	2'-11"	12'-10"	172
11 x 4.00	12.4	12	3'-6"	1'-0"	5'-6"	8	7'-0"	2'-11"	12'-10"	8	7'-0"	3'-4"	13'-8"	185
11.5 x 4.00	13.0	13	3'-6"	1'-0"	5'-6"	8	7'-4"	2'-11"	13'-2"	8	7'-4"	3'-4"	14'-0"	192

VERTICAL "B-1" BARS				BAR SHAPES			
SIZE	A (IN)	LENGTH	WEIGHT (LBS)				
#13	6	7'-11"	5.290				
#16	7	8'-0"	8.377				
#19	8	8'-1"	12.125				
#22	10	8'-3"	16.976				

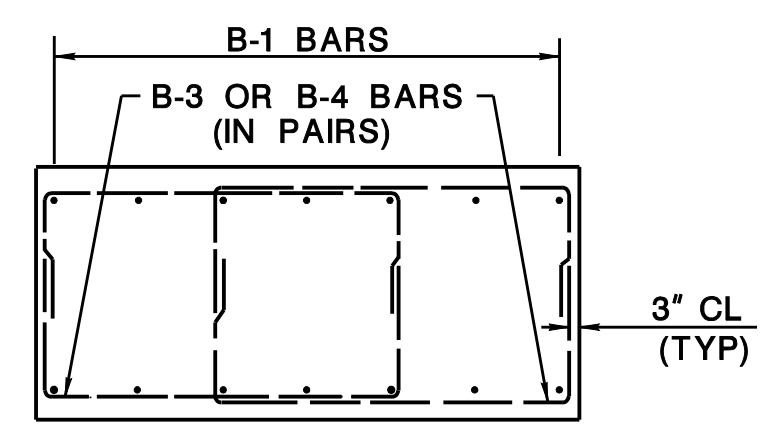
PEDESTAL DIAMETER (FT)	VOL OF CONC (C.Y.)	PEDESTAL REINFORCEMENT							BAR SHAPES
		VERTICAL BARS			HORIZ BARS				
		SIZE (NOTE 9)	A	LENGTH	WEIGHT (LBS)	D	LENGTH	WEIGHT (LBS)	
3'-0"	1.6	#19	0'-8"	8'-1"	11.9	2'-8"	10'-0"	46.7	
3'-0"	1.6	#22	0'-10"	8'-3"	16.8	2'-8"	10'-0"	46.7	
3'-3"	1.8	#19	0'-8"	8'-1"	11.9	3'-0" *	11'-0"	51.6	
3'-3"	1.8	#22	0'-10"	8'-3"	16.8	3'-0" *	11'-0"	51.6	
3'-6"	2.1	#22	0'-10"	8'-3"	16.8	3'-2"	11'-6"	53.8	
3'-6"	2.1	#25	0'-11"	8'-4"	22.3	3'-2"	11'-6"	53.8	
3'-9"	2.5	#22	0'-10"	8'-3"	16.8	3'-4"	12'-0"	56.2	
3'-9"	2.5	#25	0'-11"	8'-4"	22.3	3'-4"	12'-0"	56.2	
4'-0"	2.8	#25	0'-11"	8'-4"	22.3	3'-8"	13'-0"	61.1	
4'-3"	3.2	#25	0'-11"	8'-4"	22.3	4'-0" *	14'-1"	65.9	
4'-3"	3.2	#29	1'-3"	8'-8"	29.3	4'-0" *	14'-1"	65.9	
4'-9"	3.9	#25	0'-11"	8'-4"	22.3	4'-4"	15'-1"	70.8	
4'-9"	3.9	#29	1'-3"	8'-8"	29.3	4'-4"	15'-1"	70.8	

* HORIZONTAL BAR DIAMETER (D) SHALL BE ADJUSTED TO PROVIDE A MIN. 2" CONCRETE COVER.

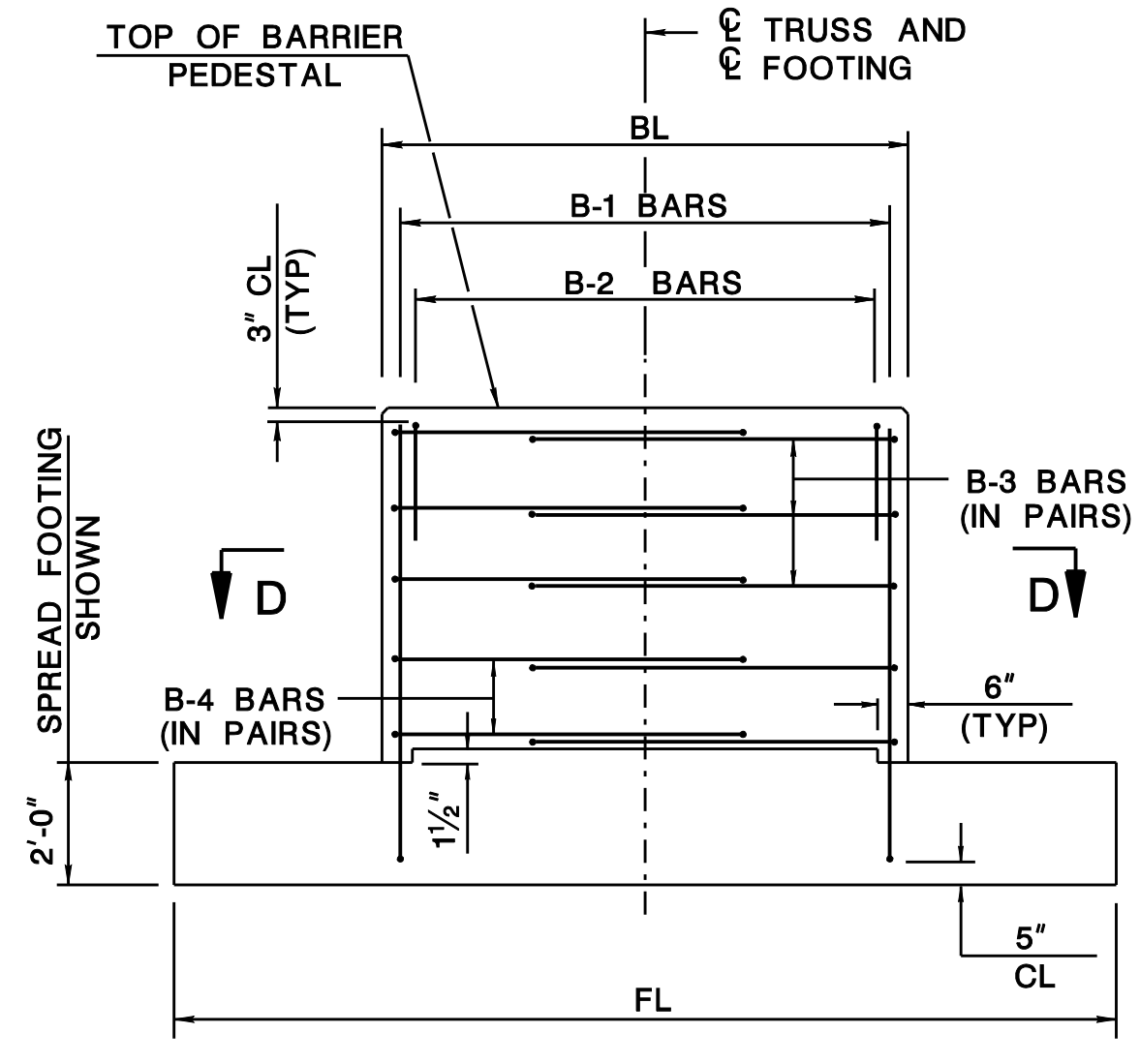


PEDESTAL DETAILS

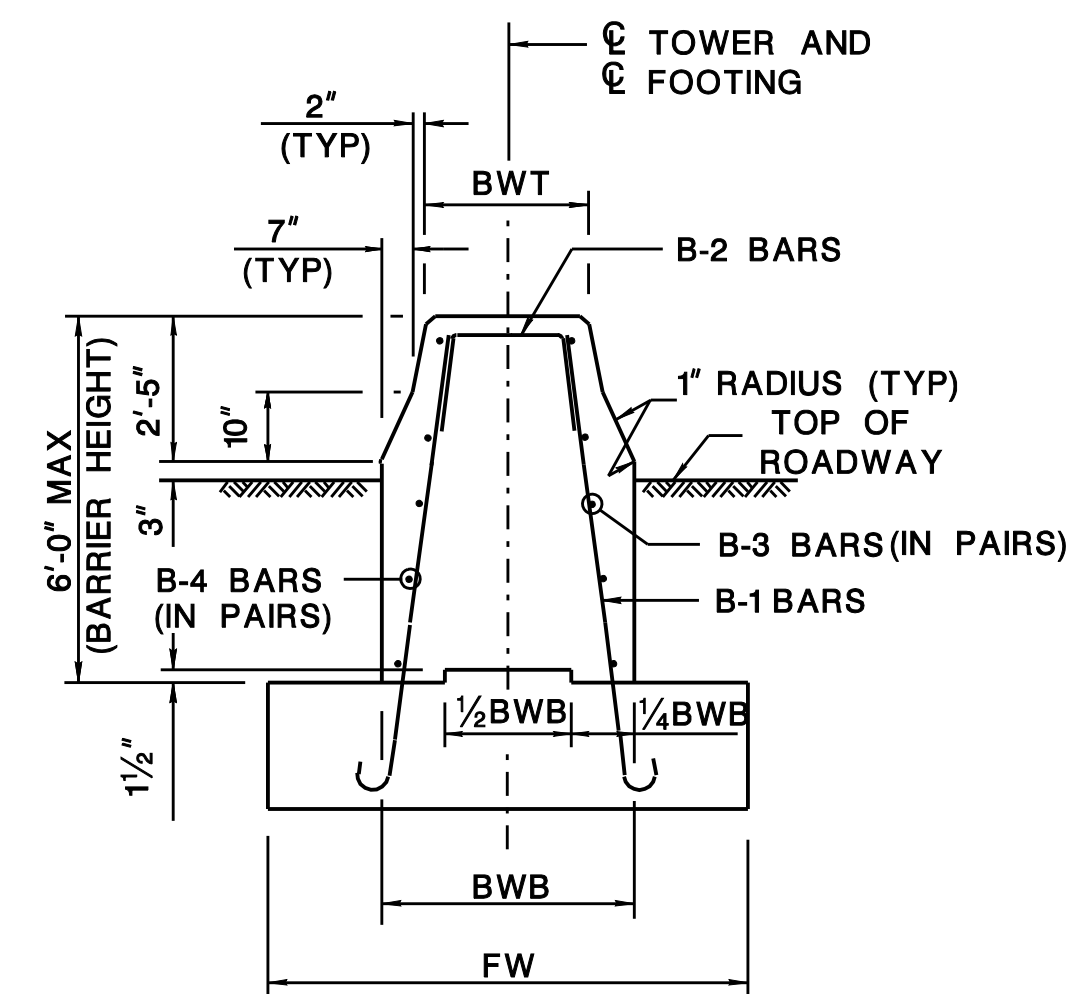
- NOTES:**
- FOUNDATION DESIGN CONFORMS TO THE 2001 AASHTO STANDARD SPECIFICATIONS FOR STRUCTURAL SUPPORTS FOR HIGHWAY SIGNS, LUMINAIRES AND TRAFFIC SIGNALS, SECTION 13. REFER TO THE NJDOT BRIDGES AND STRUCTURES DESIGN MANUAL FOR ALTERNATE FOUNDATION DESIGN CRITERIA.
 - FOR PEDESTAL AND BARRIER PEDESTAL DIMENSIONS AND REINFORCEMENT, SEE DESIGN TABLES ON SIGN STRUCTURE DRGS. OH-G3 AND OH-G4.
 - ALL REINFORCEMENT IN PEDESTALS AND BARRIER PEDESTALS SHALL BE CORROSION PROTECTED.
 - EXPOSED CONCRETE EDGES SHALL BE CHAMFERED 1"x 1" UNLESS NOTED OTHERWISE.
 - BARS SHALL NOT BE SPLICED EXCEPT AS PROVIDED ON THIS DRAWING OR AUTHORIZED BY THE RE. WHEN SPLICING IS APPROVED, THE REINFORCEMENT BARS SHALL BE LAPPED FOR A LENGTH OF AT LEAST 36 DIAMETERS AND SHALL BE SECURELY WIRED TOGETHER.
 - LENGTH OF BARS SHOWN IN TABLE ALREADY CONSIDER BENDS. DIMENSIONS DESCRIBED IN BAR SHAPES TABLE ARE OUT-TO-OUT OF BAR.
 - CONCRETE VOLUMES AND REINFORCEMENT SHOWN IN TABLES ARE FOR A 6'-0" HIGH PEDESTAL OR 6'-0" HIGH BARRIER PEDESTAL.
 - WEIGHT SHOWN IN TABLE FOR B-1 AND P-1 BARS IS FOR ONE BAR ONLY. TOTAL WEIGHT OF BARS TO BE DETERMINED BY THE DESIGNER.
 - REFER TO THE NJDOT BRIDGES AND STRUCTURES DESIGN MANUAL FOR CLARIFICATION OF REINFORCEMENT STEEL DESIGNATION.



SECTION D-D

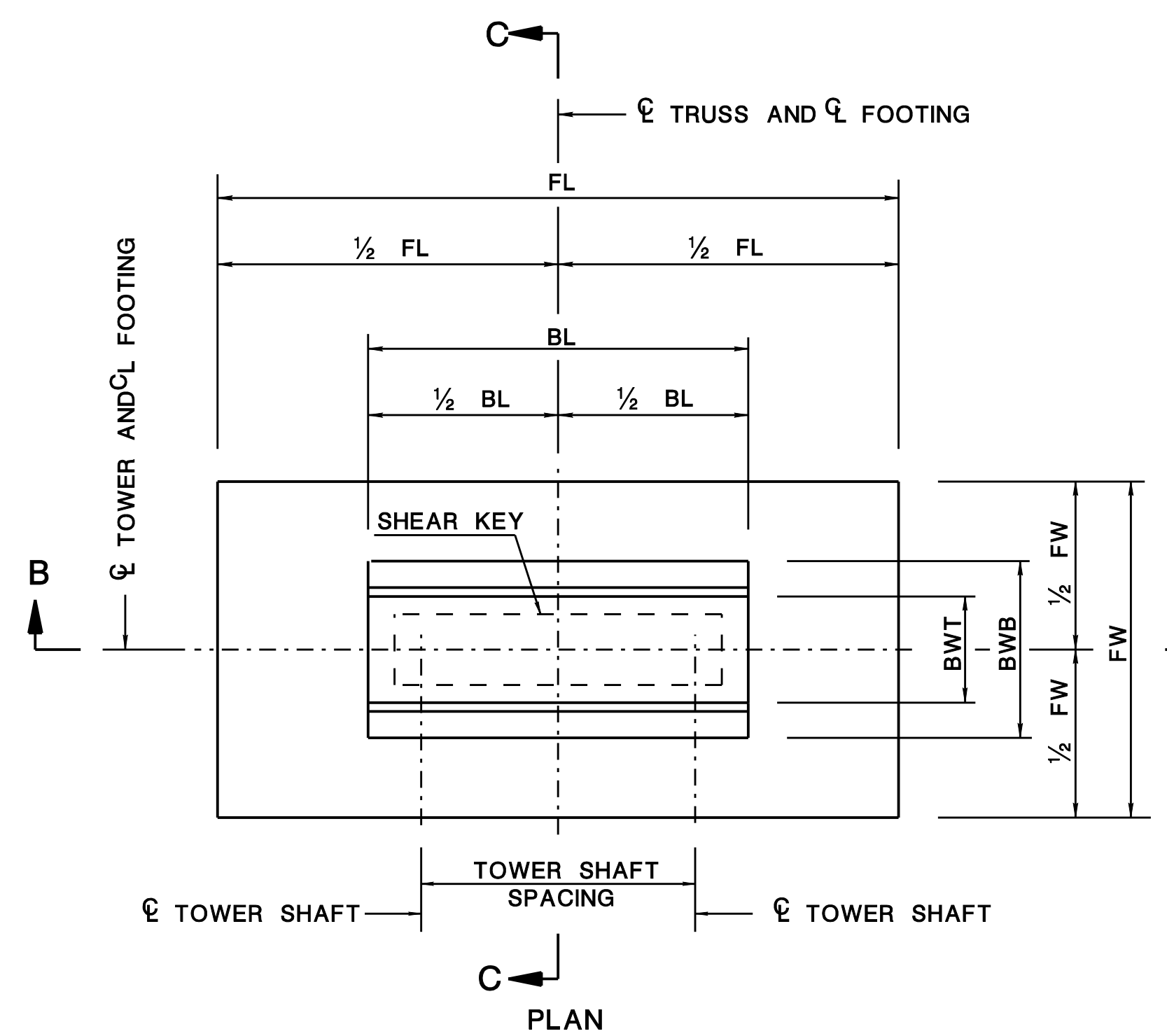


SECTION B-B



SECTION C-C

BARRIER PEDESTAL DETAILS



PLAN

SIGN STRUCTURE DRG. OH-G5

NEW JERSEY DEPARTMENT OF TRANSPORTATION
BUREAU OF STRUCTURAL ENGINEERING

OVERHEAD SIGN SUPPORT STANDARDS

PEDESTAL AND BARRIER PEDESTAL
DESIGN TABLES AND DETAILS

SCALE : NONE 5
6

BDC08D-02 - Diameter and Cover of Pedestals, Adjusted
BDC07D-02 - ORIGINAL SHEET