

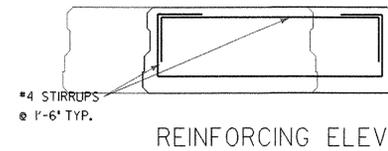
SERVICE LOADS PER UNIT - 46'-8" SPANS  
(ALL SPANS EXCEPT SPANS 1-3)

DEAD LOAD MOMENT, (NON-COMPOSITE)	117.3 FT-KIP	AT MIDSPAN
RAILING LOAD MOMENT, (EXTERIOR BEAMS)	2.3 FT-KIP	AT MIDSPAN
LIVE LOAD MOMENT, FT-K (POSITIVE)	66.5 FT-KIP	AT MIDSPAN
DEAD LOAD REACTION, AT ABUTMENT	10.5 KIPS	
RAILING LOAD REACTION, AT ABUTMENT (EXTERIOR BEAMS)	0.8 KIPS	
LIVE LOAD REACTION, AT ABUTMENT	5.8 KIPS	
TOTAL REACTION, K, AT ABUTMENT	17.1 KIPS PER SPAN	

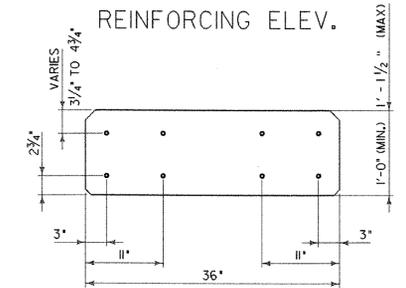
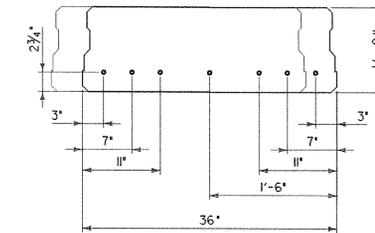
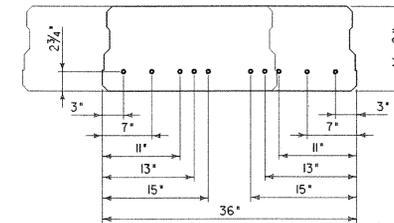
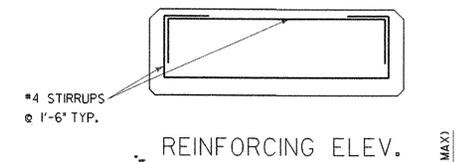
SERVICE LOADS PER UNIT - 38 FOOT SPANS  
(SPANS 1-3)

DEAD LOAD MOMENT, (NON-COMPOSITE)	77.0 FT-KIP	AT MIDSPAN
RAILING LOAD MOMENT, (EXTERIOR BEAMS)	1.5 FT-KIP	AT MIDSPAN
LIVE LOAD MOMENT, FT-K (POSITIVE)	43.6 FT-KIP	AT MIDSPAN
DEAD LOAD REACTION, AT ABUTMENT	8.6 KIPS	
RAILING LOAD REACTION, AT ABUTMENT (EXTERIOR BEAMS)	0.6 KIPS	
LIVE LOAD REACTION, AT ABUTMENT	4.8 KIPS	
TOTAL REACTION, K, AT SPAN END	14.2 KIPS PER SPAN	

12" x 36" TYPICAL BEAM



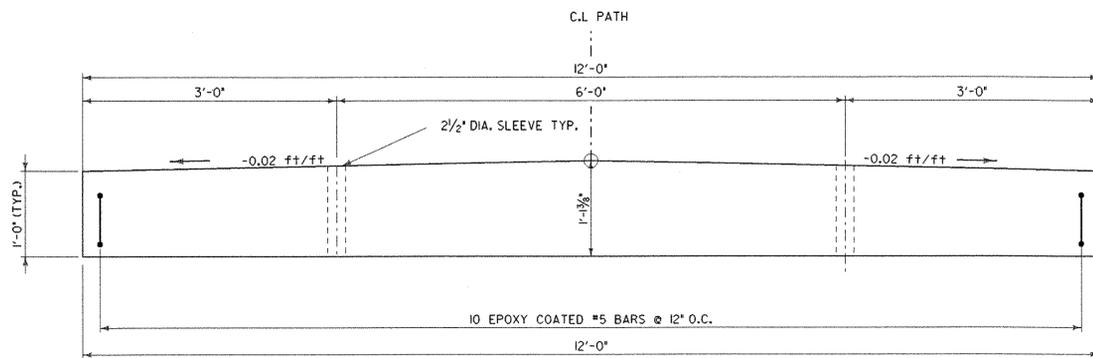
12" x 36" PILE CAP BEAM



SCALE 1" = 1'-0"

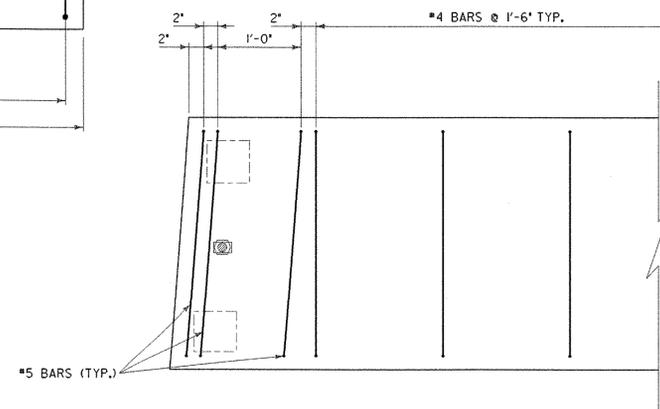
SCALE 1" = 1'-0"

SCALE 1" = 1'-0"



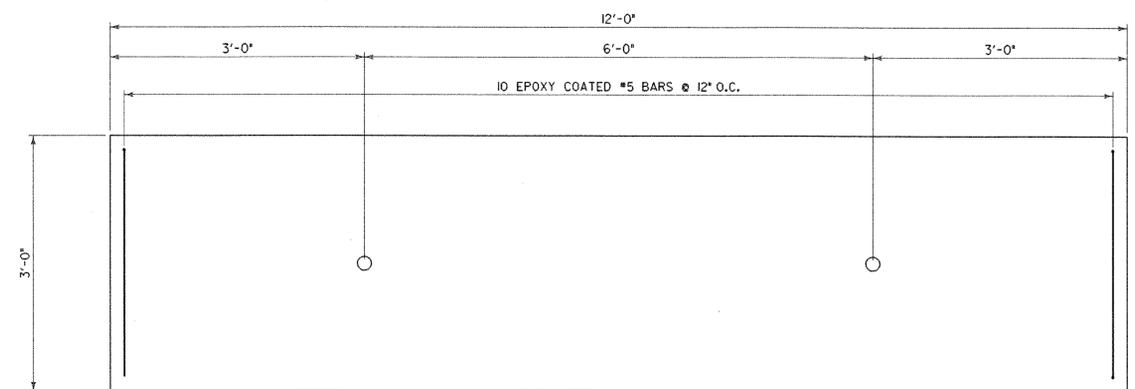
TYPICAL PILE CAP ELEVATION

SCALE 1" = 1'-0"



TYPICAL END BLOCK REINFORCING PLAN

SCALE 1" = 1'-0"



TYPICAL PILE CAP PLAN

SCALE 1" = 1'-0"

**PILE CAP AND BEAM DETAILS**

PROJECT NAME:	COLCHESTER
PROJECT NUMBER:	STP Bike(48)
FILE NAME:	/str5/03f038/sf038pstdet.dgn
PROJECT LEADER:	C. KELLER
DESIGNED BY:	J. GEORGE
sf038pstdet3.j	
PLLOT DATE:	05-AUG-2003
DRAWN BY:	J. GEORGE
CHECKED BY:	M.E.M.
SHEET	41 OF 87