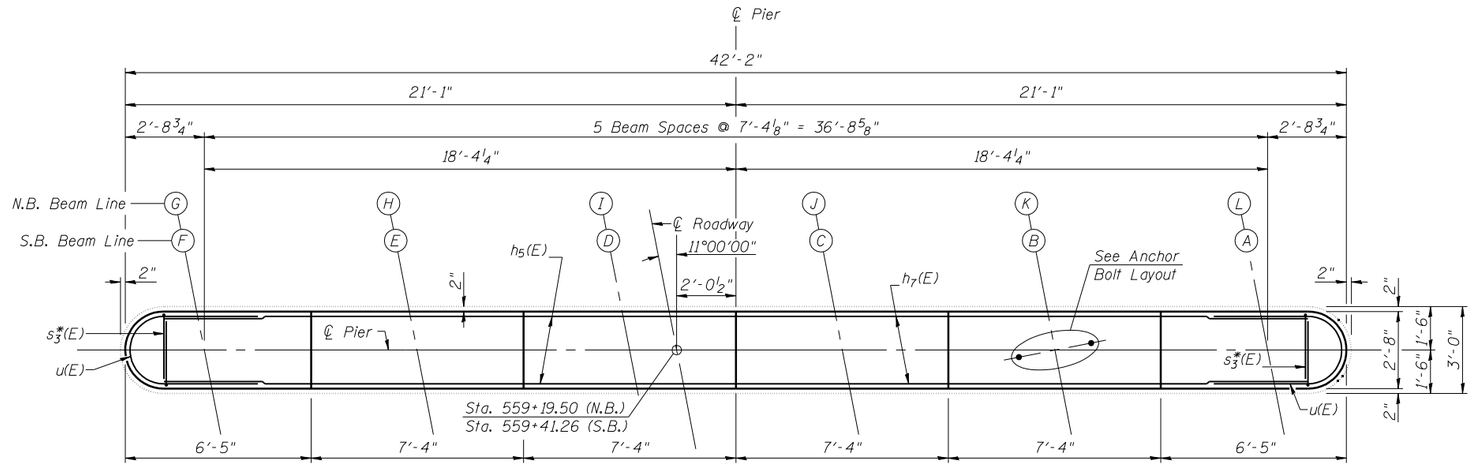
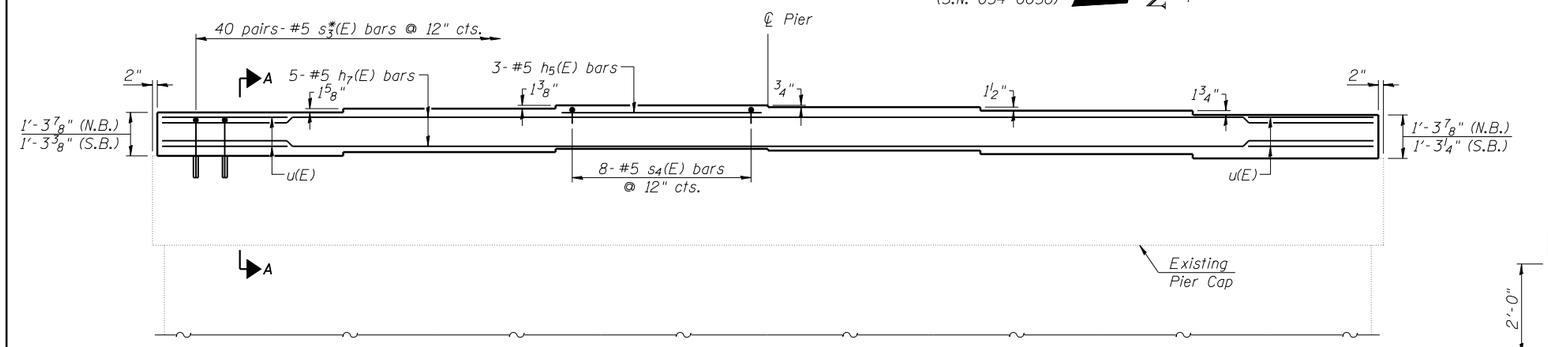


PLAN

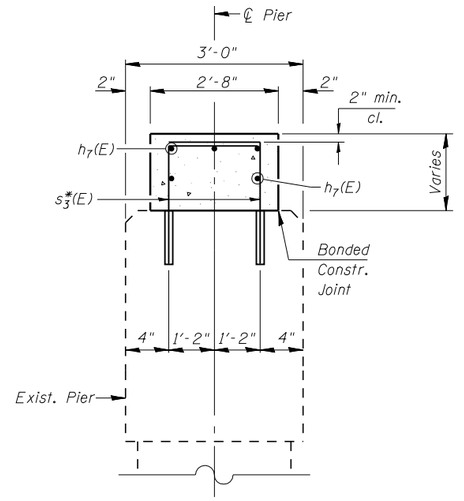
(S.N. 054-0055)

(S.N. 054-0056)



ELEVATION

(Looking in the direction of Traffic)



SECTION A-A

TWO (2) PIERS
BILL OF MATERIAL

Bar	No.	Size	Length	Shape
$h_5(E)$	6	#5	7'-0"	
$h_7(E)$	10	#5	39'-2"	
$s_3^*(E)$	160	#5	4'-4"	
$s_4(E)$	16	#5	3'-4"	
u(E)	8	#5	10'-2"	
Concrete Structures			Cu. Yd.	11.0
Reinforcement Bars, Epoxy Coated			Pound	1,320

Notes:

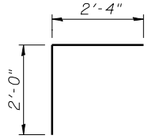
Reinforcement Bars designated (E) shall be epoxy coated.

$s_3^*(E)$ bars shall be grouted into drilled holes in accordance with Section 584 of the Standard Specifications. Minimum embedment = 9".

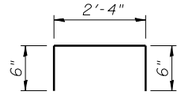
Space reinforcement in cap to miss anchor bolts.

Pour steps monolithically with cap.

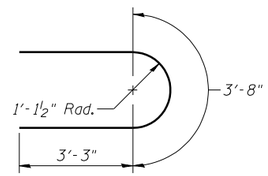
All edges of proposed concrete shall have standard ¾" chamfers unless noted otherwise.



BAR $s_3^*(E)$



BAR $s_4(E)$



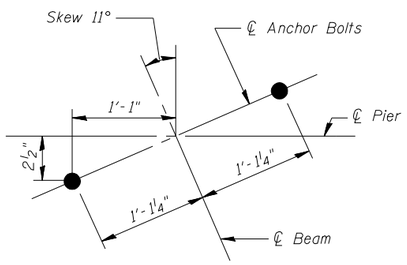
BAR u(E)

BEARING SEAT ELEVATIONS
S.N. 054-0055 (N.B.)

	G	H	I	J	K	L
Existing	568.90	569.04	569.15	569.09	568.96	568.82
Proposed	570.22	570.35	570.47	570.40	570.29	570.14

BEARING SEAT ELEVATIONS
S.N. 054-0056 (S.B.)

	A	B	C	D	E	F
Existing	568.82	568.97	569.09	569.15	569.04	568.90
Proposed	570.09	570.25	570.36	570.43	570.31	570.18



ANCHOR BOLT LAYOUT
AT PIER 6

NOTE

Plan elevations relative to the existing structure have been taken from existing plans and reduced by 0.38 feet to match benchmark datum.

CEC Cummins Engineering Corporation
Civil and Structural Engineering

JOB = 2265.1	DESIGNED - ZTB	REVISED -	
FILE = 0540055.0056-72E10-38-Piers.dgn	CHECKED - MDC	REVISED -	
DATE = 9/9/2011	DRAWN - TJD	REVISED -	
	CHECKED - ZTB	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PIER 6
STRUCTURE NO. 054-0055 (NB) & STRUCTURE NO. 054-0056 (SB)
SHEET NO. 38 OF 39 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	D6 LOGAN CO BR 2011	LOGAN	224	199
		CONTRACT NO. 72E10		
	ILLINOIS FED. AID PROJECT			