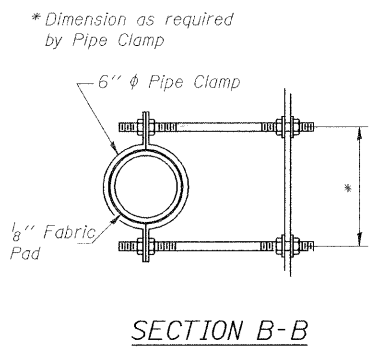
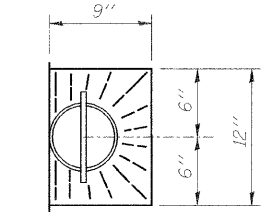


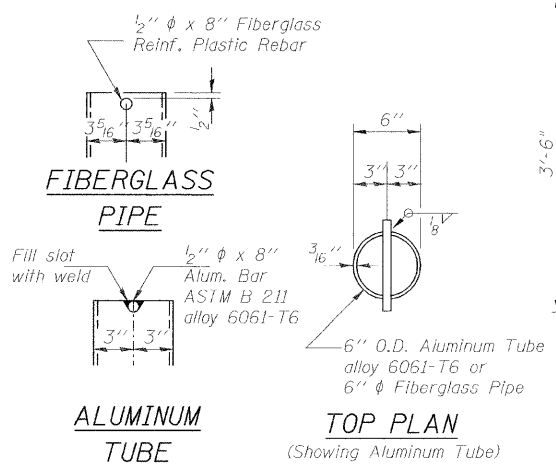
PROPOSED CROSS SECTION
(Looking East)



SECTION B-B

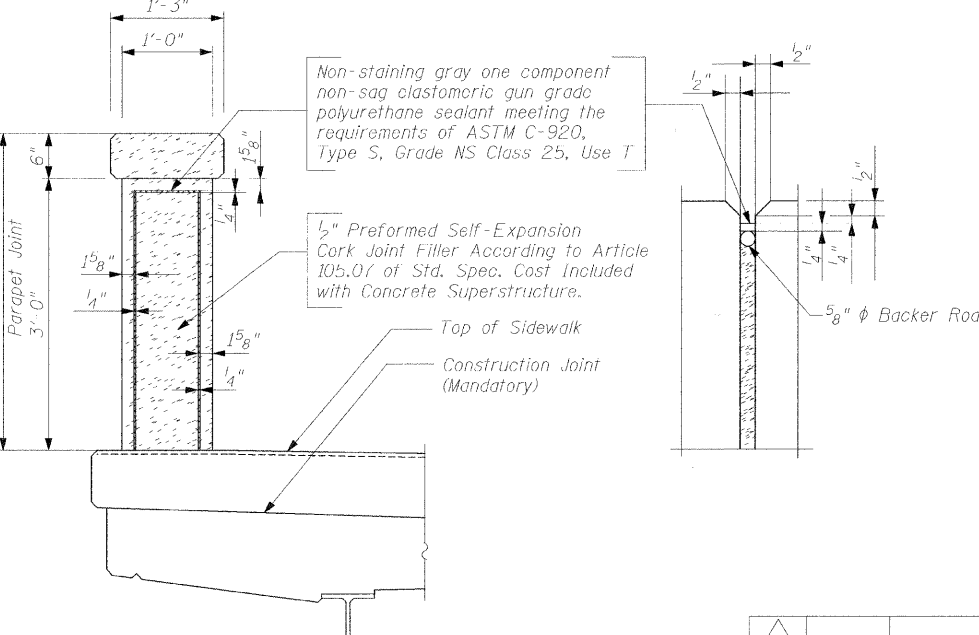


TOP PLAN

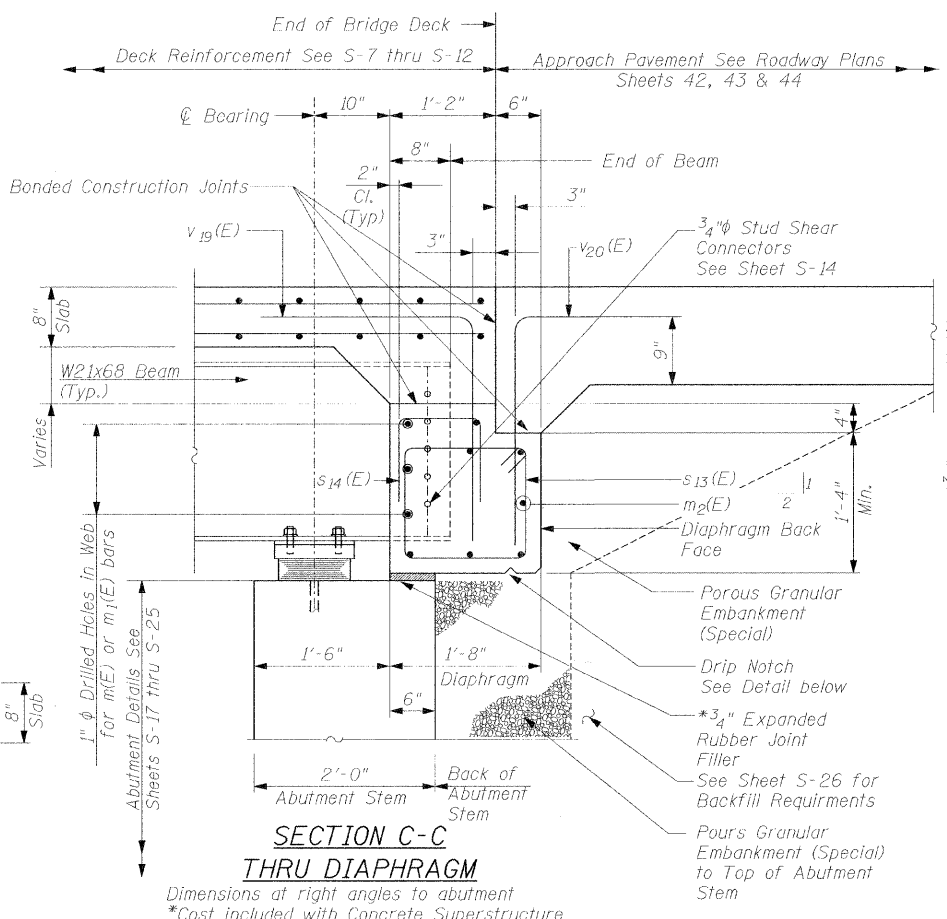


FIBERGLASS PIPE

ALUMINUM TUBE
(Showing Aluminum Tube)

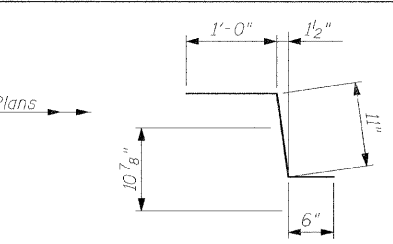


PARAPET JOINT DETAILS

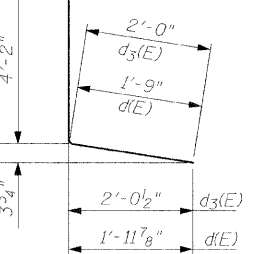


SECTION C-C THRU DIAPHRAGM

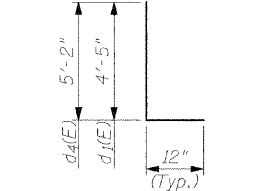
Note: The Contractor shall install temporary blocking devices acceptable to the Engineer to prevent the superstructure from sliding during construction. Such devices are required at the lower end of each beam and shall be removed after construction is completed. The cost of the devices shall be included in cost of structural steel.



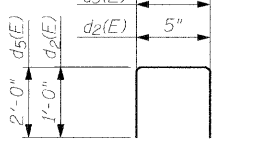
BAR a(E)



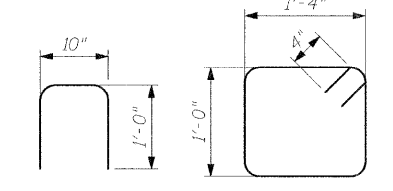
BAR d(E) & d3(E)



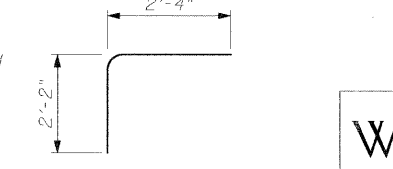
BAR d1(E) & d4(E)



BAR d2(E) & d5(E)



BAR s14(E) & s13(E)



BAR v19(E) & v20(E)

SUPERSTRUCTURE BILL OF MATERIAL

Bar	No.	Size	Length	Shape
a(E)	56	#5	42'-5"	—
a1(E)	60	#5	43'-5"	—
a2(E)	16	#5	46'-6"	—
a3(E)	32	#5	2'-6"	—
b(E)	109	#5	38'-8"	—
c(E)	78	#5	2'-5"	┌
c1(E)	74	#5	6'-3"	—
c2(E)	6	#5	8'-0"	—
d(E)	66	#4	5'-11"	┌
d1(E)	66	#6	5'-5"	┌
d2(E)	66	#4	2'-5"	┌
d3(E)	16	#4	6'-10"	┌
d4(E)	16	#6	6'-2"	┌
d5(E)	16	#4	4'-11"	┌
e(E)	16	#4	32'-10"	—
e1(E)	40	#4	3'-3"	—
s13(E)	100	#4	5'-4"	┌
s14(E)	100	#4	2'-10"	┌
m(F)	12	#6	7'-4"	—
m1(E)	36	#6	8'-8"	—
m2(E)	14	#6	47'-0"	—
v19(E)	94	#6	4'-6"	┌
v20(E)	66	#5	4'-6"	┌
Reinforcement Bars, Epoxy Coated			Pound	15,590
Concrete Superstructure			Cu. Yds.	90

Reinforcement bars designated (E) shall be epoxy coated.

WJE Wiss, Janney, Elstner Associates, Inc.
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(847) 272-7400, Fax: (847) 291-4813
WJE No. 2008.2324

THE CITY OF LAKE FOREST
CHARTERED 1861

ILLINOIS DEPARTMENT OF TRANSPORTATION
BUREAU OF LOCAL ROADS AND STREETS

PROJECT: **OLD ELM ROAD OVER EAST SKOKIE DITCH**
STA. 187+46 LAKE COUNTY
STRUCTURE NO. 049-6870

TITLE: **SUPERSTRUCTURE DETAILS AND BILL OF MATERIAL**

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REV. NO.	DATE	REVISION RECORD	MADE BY	CHECKED BY	

SCALE: N.T.S. DRAWN BY: JMC
DATE: JANUARY 2008 CHECKED BY: NSA