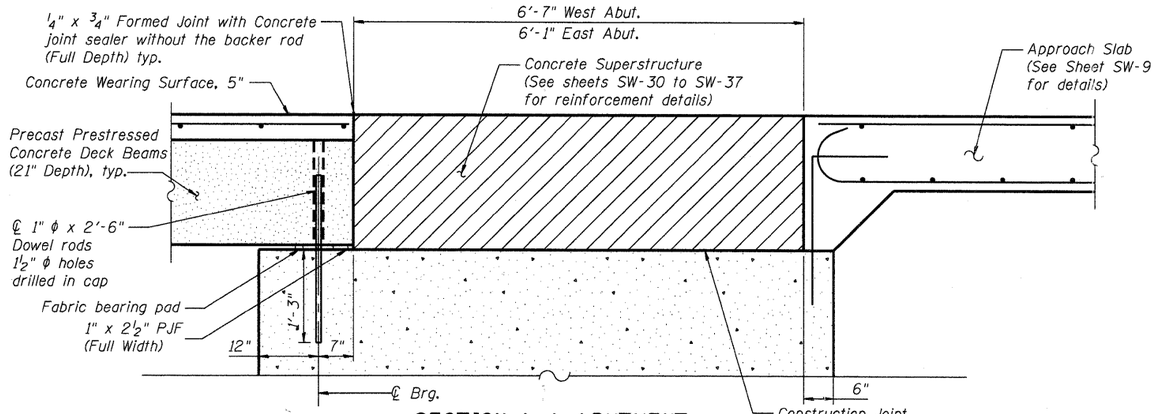
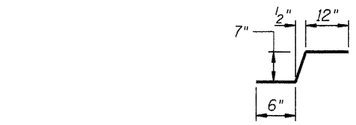
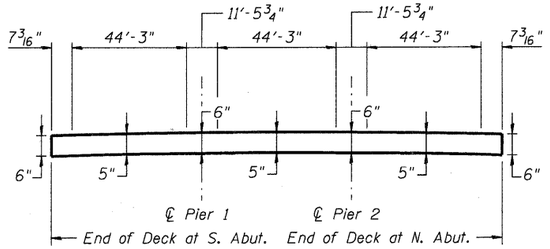


SECTION A-A ABUTMENT

@ Rt. L's

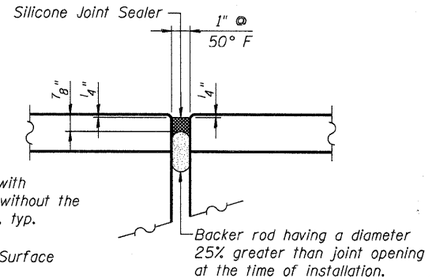


BAR a 101 (E)

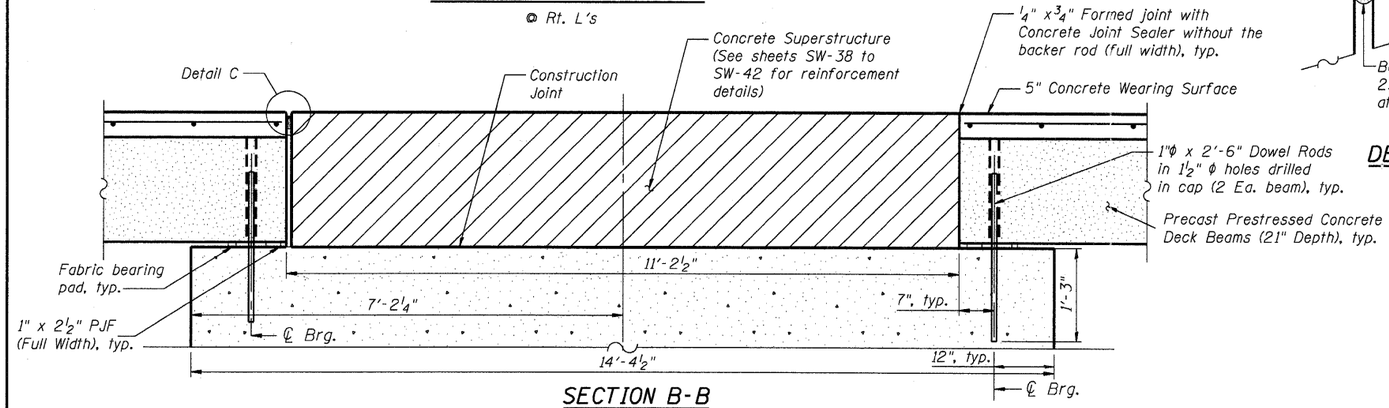


ANTICIPATED CONCRETE WEARING SURFACE PROFILE

(For information only)
Thickness is based on calculated camber and deflection of PPC Deck Beams. Actual camber of individual units may vary up to ±1/2". Adjust thickness to match PGL and cross slope.

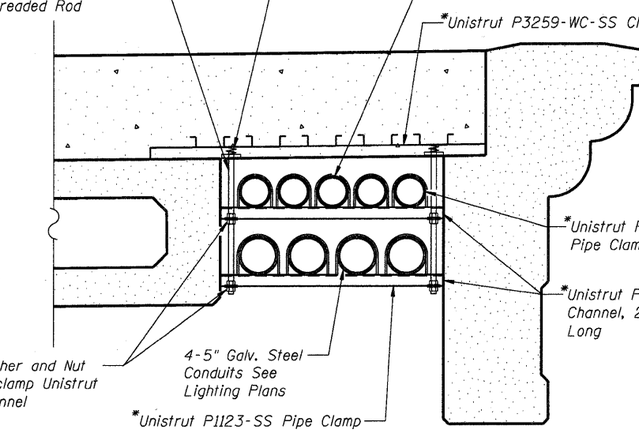


DETAIL C

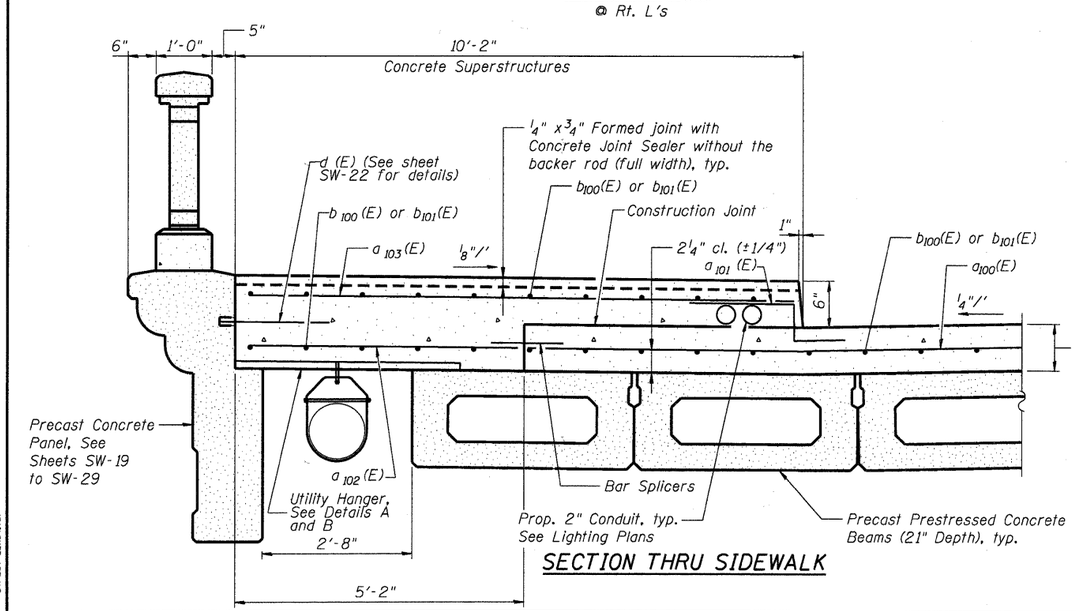


SECTION B-B

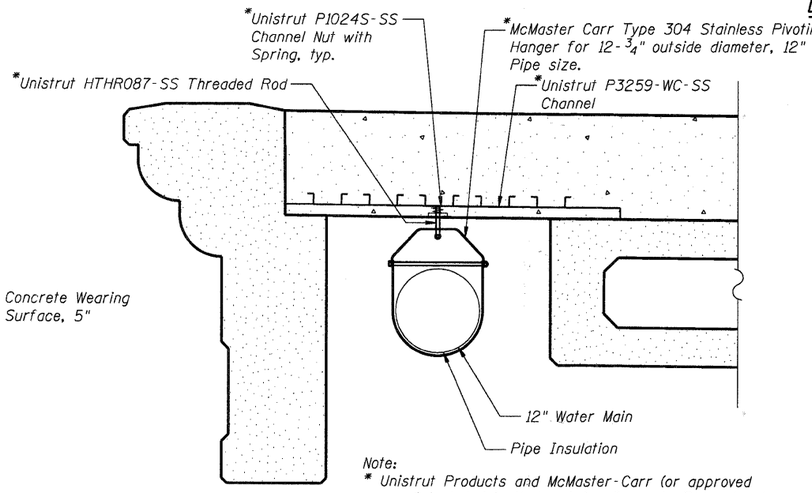
@ Rt. L's



DETAIL B



SECTION THRU SIDEWALK



Note:
* Unistrut Products and McMaster-Carr (or approved equal) included in the cost for Concrete Superstructure. See Special Provisions for approved equal.

DETAIL A

BILL OF MATERIALS

Bar	No.	Size	Length	Shape
a100	258	#4	27'- 9"	
a101	320	#5	2'- 1"	
a102	258	#4	5'- 0"	
a103	320	#5	10'- 1"	
a104	48	#5	6'- 5"	
a105	14	#4	3'- 6"	
b100	466	#5	23'- 0"	
b101	44	#5	35'- 2"	
b102	4	#4	12'- 11"	
b103	32	#4	11'- 0"	
Concrete Superstructure		Cu. Yd.	91.1	
Bridge Deck Grooving		Sq. Yd.	767	
Protective Coat		Sq. Yd.	1,215	
Reinforcement Bars, Epoxy Coated		Pound	23,120	
Bar Splicers		Each	258	
Concrete Wearing Surface, 5"		Sq. Yd.	732.0	
Silicone Joint Sealer, 1"		Foot	151	

COMPANY NAME: HRGREEN
PROJECT CONTACT: Michael G. Harding
CLIENT: City of Aurora
DATE PLOTTED: 1/26/2011 10:59:38 AM
FILE NAME: 86090472-W-SS001.dgn
PLOT DRIVER: pdf.plt
PEN TABLES: Struct 22x34.tbl

HRGreen
HRGreen.com
Illinois Professional Design Firm #184-001322

USER NAME = whood	DESIGNED - JPG	REVISED -	
	CHECKED - RGD	REVISED -	
PLOT SCALE = N.T.S.	DRAWN - WJH	REVISED -	
PLOT DATE = 7/26/2011	CHECKED -	REVISED -	

CITY OF AURORA
DOWNER PLACE OVER THE WEST BRANCH OF THE FOX RIVER

SUPERSTRUCTURE DETAILS
STRUCTURE NO. 045-6006
SHEET NO. SW-11 OF SW-48 SHEETS

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	07-00264-00-BR	KANE	164	63
		CONTRACT NO. 63620		
	ILLINOIS FED. AID PROJECT			