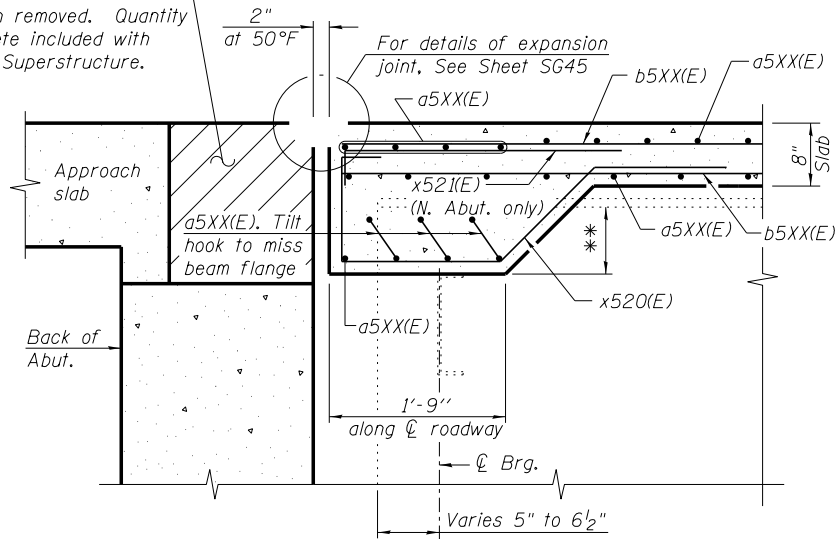
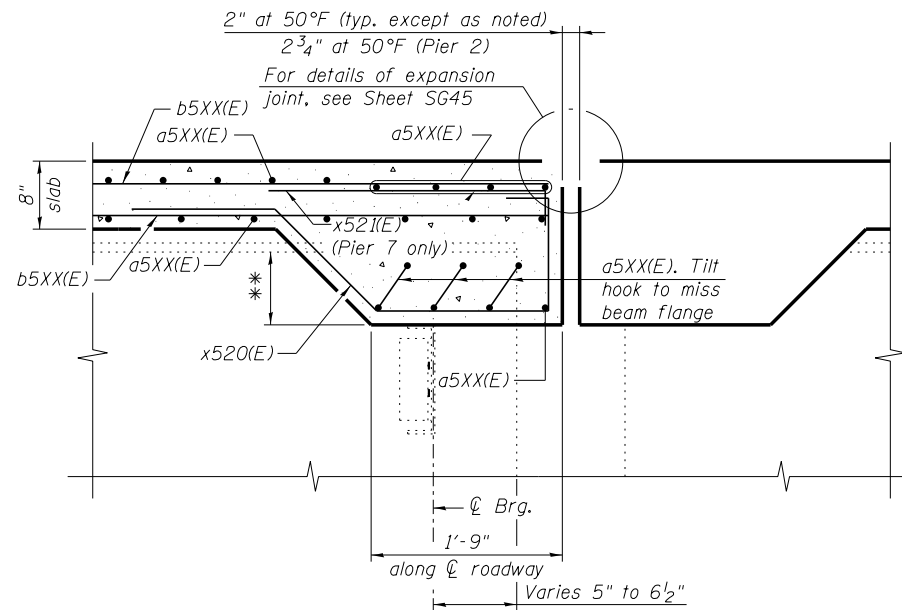


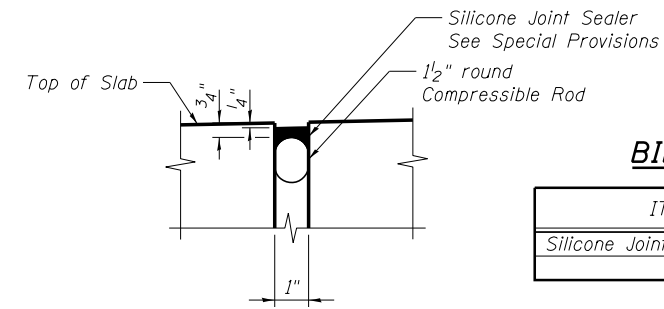
Hatched area to be poured after superstructure forms have been removed. Quantity of concrete included with Concrete Superstructure.



SECTION A-A



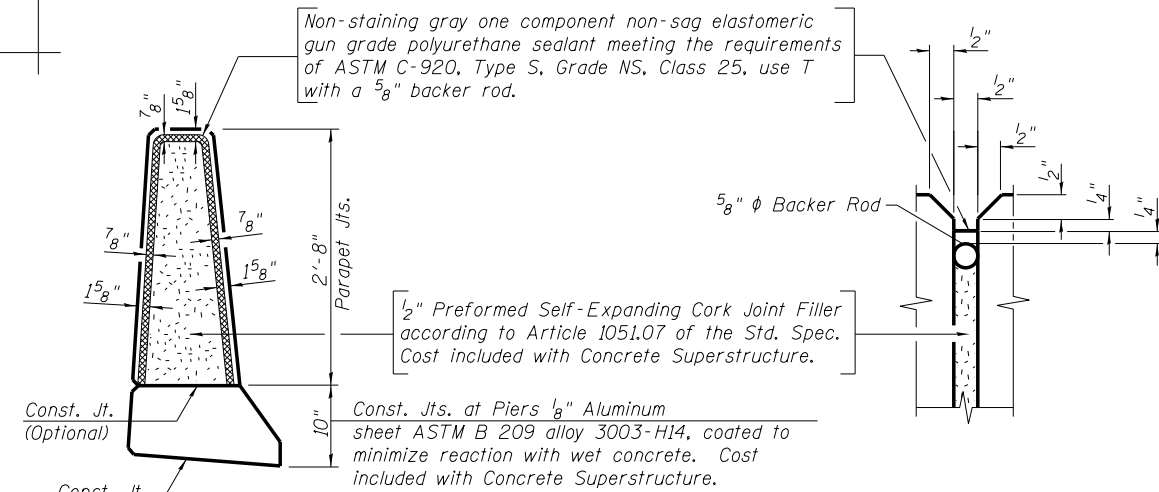
SECTION B-B



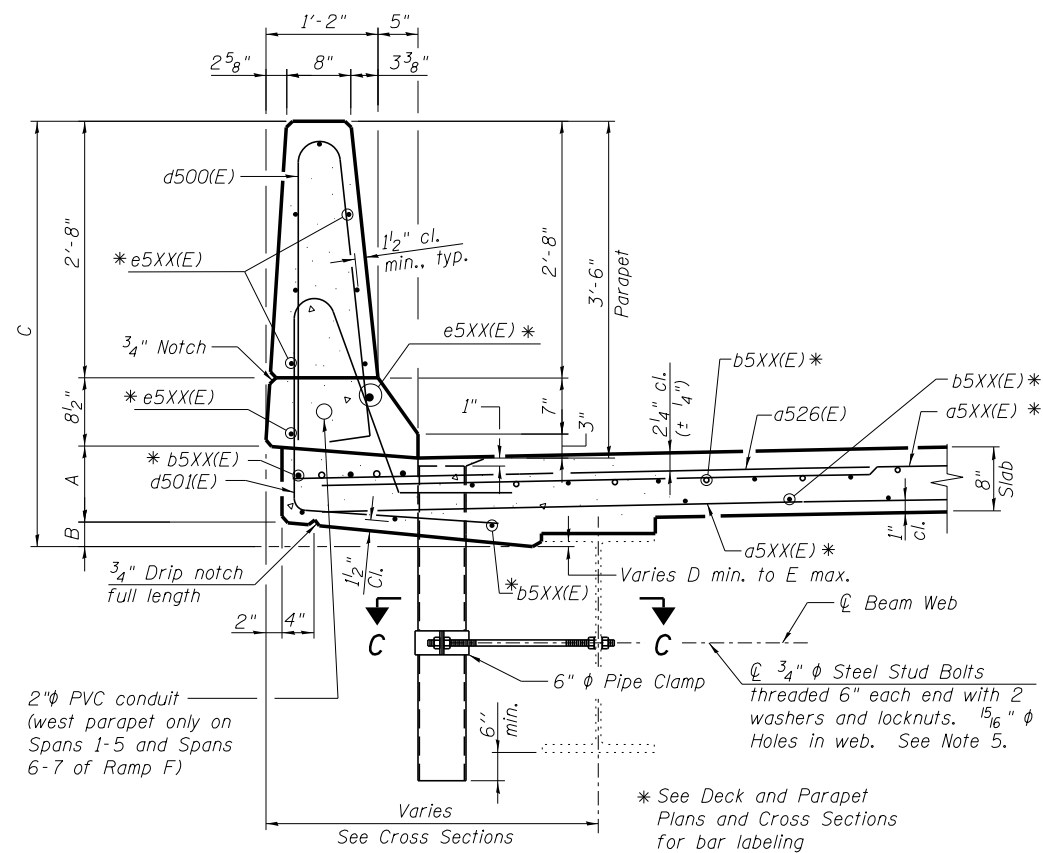
1" OPEN JOINT DETAIL

**BILL OF MATERIAL**

ITEM	UNIT	TOTAL
Silicone Joint Sealer, 1"	Foot	58

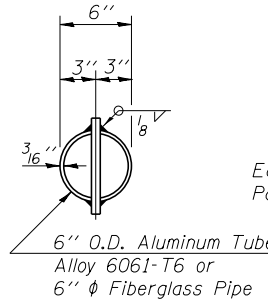


PARAPET JOINT DETAILS

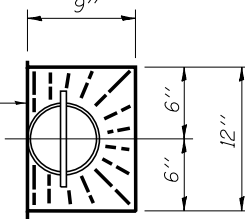


SECTION THRU PARAPET

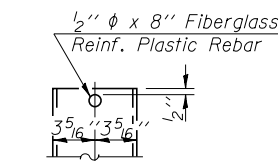
Location	A	B	C	D	E
Spans 1-2	9 1/2"	3"	4'-5"	1 3/4"	2 1/2"
Spans 3-5	9 1/2"	4"	4'-6"	1 1/8"	4 3/8"
Spans 6-7 (Ramp F)	9 1/2"	4"	4'-6"	1 1/2"	3 1/2"
Spans 6-7 (Mainline)	9 1/2"	4"	4'-6"	1 1/8"	4"
Spans 8-12	9 1/2"	3"	4'-5"	1 1/8"	2 1/8"



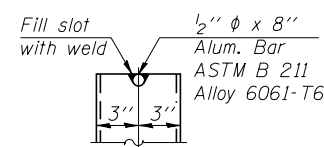
TOP PLAN  
(Showing Aluminum Tube)



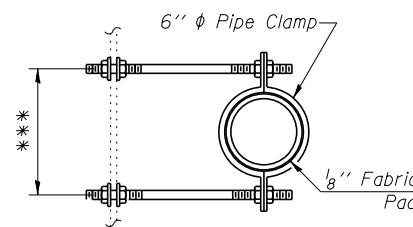
TOP PLAN



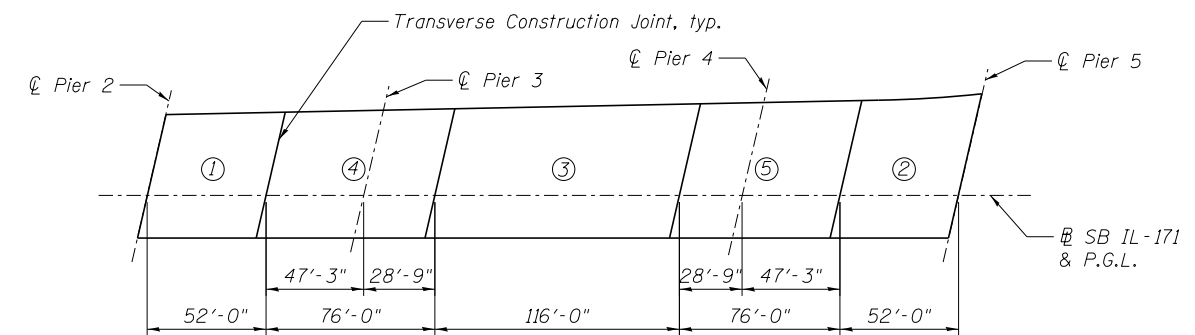
FIBERGLASS PIPE



ALUMINUM TUBE



SECTION C-C  
\*\*\* Dimension as required by Pipe Clamp



SPANS 3 THRU 5  
REQUIRED DECK POUR SEQUENCE

**NOTES:**

- When the deck pour is stopped for the day at the transverse construction joint in the deck pouring sequence shown, the next pour shall not be made until both of the following are met:
  - At least 72 hours shall have elapsed from the end of the previous pour.
  - The concrete strength shall have attained a minimum flexural strength of 650 psi or a minimum compressive strength of 3500 psi.
- The Contractor is alerted that the dead load deflection values were developed based on the deck pouring sequence shown. Any deviation from this pouring sequence will result in changes to deck elevations. These changes shall be submitted to the Engineer to review and approve.
- Cleaning and painting of the exterior surfaces of the floor drains shall be performed under a separate painting contract.
- Fiberglass pipe shall conform to ASTM D 2996, with short-time rupture strength hoop tensile stress of 30,000 p.s.i. minimum. Galvanize clamping device according to AASHTO M232. Cost of clamping device and galvanizing included with Floor Drains.
- Holes shall be drilled in field for existing beam and may be either field drilled or shop drilled for proposed beam.
- Floor drains shall be located clear of all diaphragms and cross frames.

**benesch**  
engineers · scientists · planners  
Alfred Benesch & Company  
205 North Michigan Avenue, Suite 2400  
Chicago, Illinois 60601  
312-565-0450 Job No. 10093

FILE NAME = 0160486.60J16.041.Deck\_Details.dgn

USER NAME = jsurber  
PLOT SCALE =  
PLOT DATE = 8/6/2014

DESIGNED - JLS  
CHECKED - MFH  
DRAWN - RMG  
CHECKED - MFH

REVISED -  
REVISED -  
REVISED -  
REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SUPERSTRUCTURE DETAILS  
STRUCTURE NO. 016-0486

SHEET NO. SG41 OF SG100 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
373	2013-038B-R	COOK	821	631
CONTRACT NO. 60J16			ILLINOIS FED. AID PROJECT	