



*** C12x30 is permitted as an alternate channel. Calculated weight of structural steel is based on the C12x25. If C12x30 is used, it shall be provided at no extra cost to the Department.

NOTES:

1. Field verify locations of all existing diaphragm connections on Beams R2 and R3 before fabricating proposed beams. Adjust locations of diaphragms so that connections to existing bolted angles can be made.
2. Diaphragms shall be placed perpendicular to existing Beams R2, R3 & C2 and proposed Beam R5. At all support locations, diaphragms shall be placed parallel to $\bar{\bar{C}}$ Brg.
3. All diaphragms shall be installed as steel is erected and secured with erection pins and bolts. Individual diaphragms at supports may be temporarily disconnected to install bearing anchor rods.
4. See sheet SG57 for proposed girder elevations.
5. See sheet SG59 for diaphragm details.
6. See sheet SG60 for field bolted splice details.
7. See sheet SG53 for structural steel removal and repairs.

FRAMING PLAN (Spans 6-7)

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

FILE NAME =	USER NAME = jsurber	DESIGNED - TJJ	REVISED -
		CHECKED - LRB	REVISED -
		DRAWN - TJJ	REVISED -
		CHECKED - LRB	REVISED -
PLOT SCALE =			
PLOT DATE = 8/6/2014			

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**FRAMING PLAN SPANS 6 & 7
STRUCTURE NO. 016-0486**

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
373	2013-038B-R	COOK	821	646
CONTRACT NO.			60J16	
ILLINOIS FED. AID PROJECT				

SHEET NO. SC56 OF SC100 SHEETS

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