

**DETAILED KEYED NOTES:**

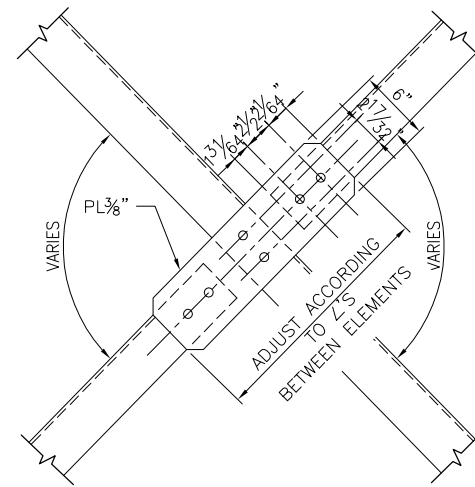
1. SEE SCHEDULE FOR NUMBER, N, OF 3/4"Ø, A325-N BOLTS.
2. L3 1/2 x 3 1/2 x 5/16 x "L"
3. COPE BOTTOM FLANGE AS REQUIRED.

**SECTION A-A**

BEAM DEPTH	N	L (IN)	V (KIP)
W8	2	5 1/2	40.8
W10, W12, W14	3	8 1/2	63.6
W16	4	11 1/2	83.9
W18	5	14 1/2	104
W21	6	17 1/2	124
W24, W27	7	20 1/2	145
W30	8	23 1/2	165
W33	9	26 1/2	185
W36	19	29 1/2	205

**NOTES:**

1. APPLICABLE FOR CONNECTIONS WITH SKEW ANGLE LESS THAN 5°.
2. BEND TO SKEW REQ'D FOR SKEW ANGLE LESS THAN 5°.
3. SHEAR CAPACITIES, V, INDICATED ARE UNFACTORED, ASD CONNECTION CAPACITIES.

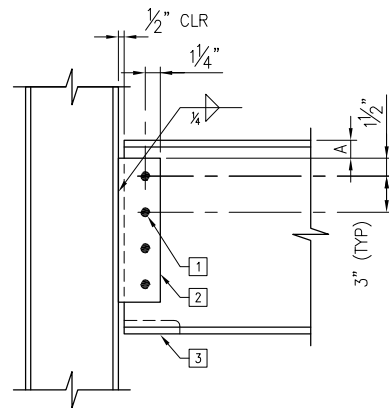


**C2** DETAIL

1 1/2" = 1'-0"

**C1** ALL-BOLTED DOUBLE ANGLE CONNECTION TYPICAL DETAIL

1-1/2" = 1'-0"



BOLT SCHEDULE				
BEAM DEPTH	A (IN)	L (IN)	N	V (KIP)
W8, W10	1	5 1/2	2	14.6
W12	1 1/2	8 1/2	3	32.1
W14	1 1/2	11 1/2	3	53.3
W16	1 1/2	14 1/2	4	76.4
W18	1 1/2	17 1/2	5	100
W21	2	20 1/2	5	125
W24	8	23 1/2	6	149
W27	9	26 1/2	6	173
W30	10	29 1/2	7	197

**NOTES:**

1. SHEAR CAPACITIES, V, INDICATED ARE UNFACTORED, ASD CONNECTION CAPACITIES.

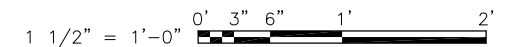
**DETAIL KEYED NOTES:**

1. SEE SCHEDULE FOR NUMBER, N, OF 3/4"Ø, A325-N BOLTS.
2. PL 3/8x4 x L. SEE SCHEDULE FOR LENGTH, L, REQUIRED.
3. COPE BOTTOM FLANGE AS REQUIRED.

**B1** BEAM CONNECTION TO BEAM OR COLUMN

1-1/2" = 1'-0"

**GRAPHIC SCALE**



PRELIMINARY NOT FOR CONSTRUCTION



USER NAME = MAC	DESIGNED — KLT	REVISED —
	CHECKED — AFK	REVISED —
PLOT SCALE =	DRAWN — MAC	REVISED —
PLOT DATE = 10/28/13	CHECKED — AFK	REVISED —

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**PEORIA STREET STATION  
SCHEDULES AND DETAILS**

SHEET NO. S-600 OF 117 SHEETS

MUN	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2090	2013-011R	COOK	356	213
CONTRACT NO. 60W29				
ILLINOIS		FED. AID PROJECT	FED. AID PROJECT	