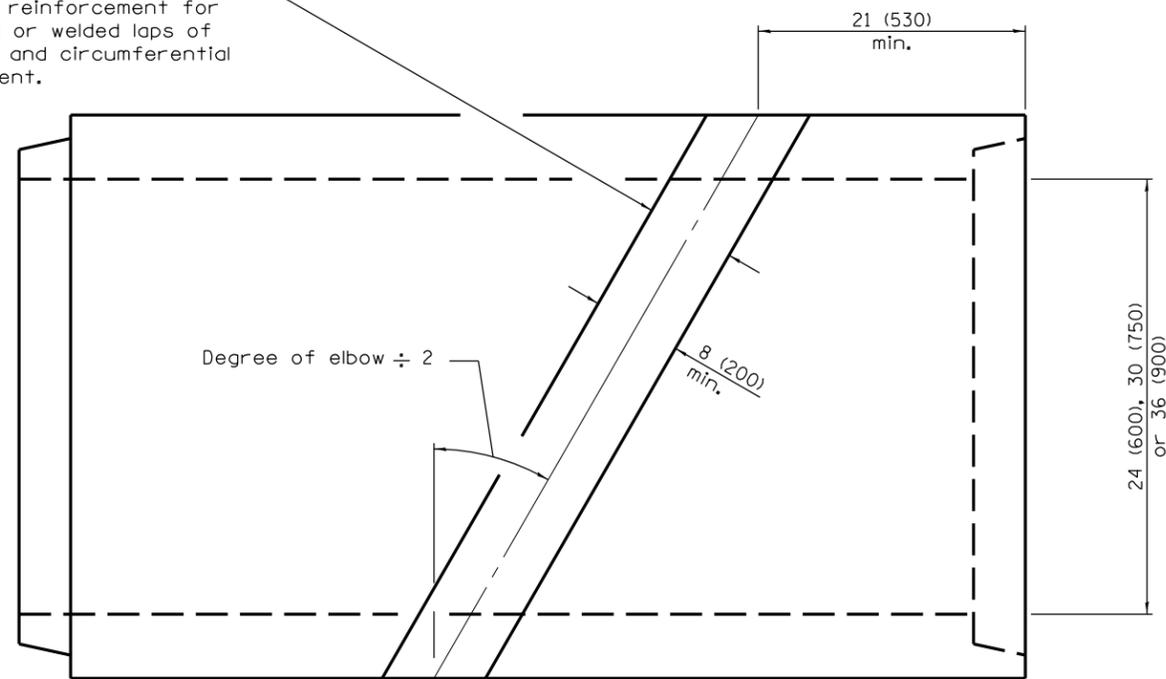
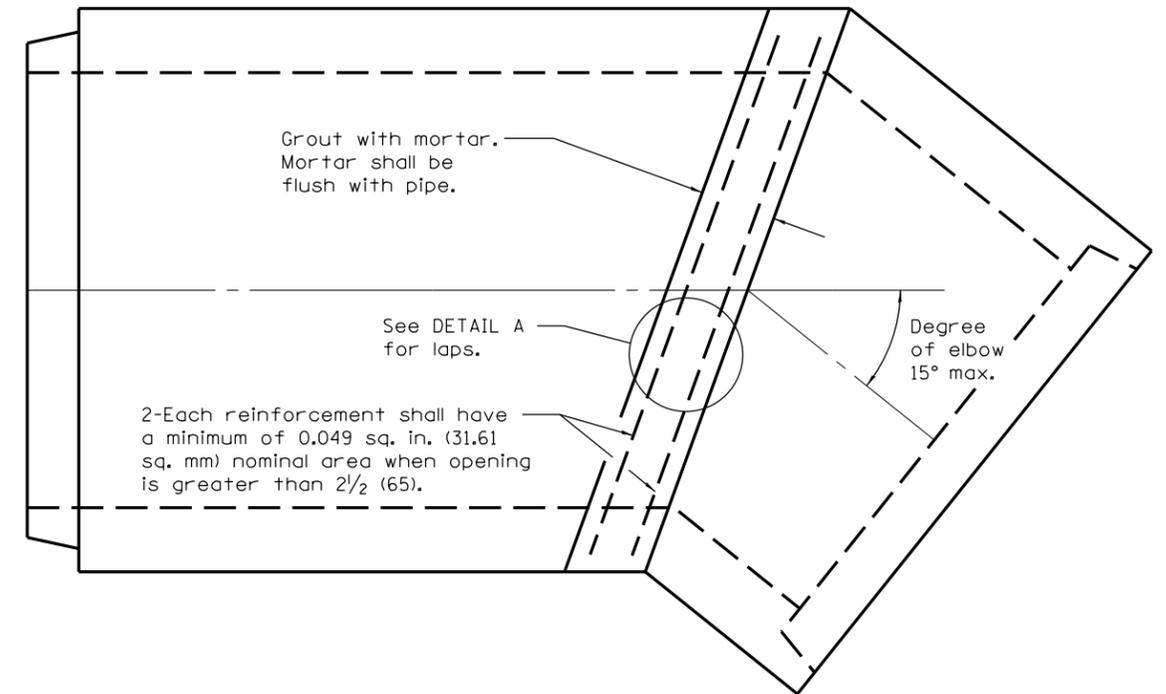


Remove concrete along these lines. Clean reinforcement for either tied or welded laps of longitudinal and circumferential reinforcement.

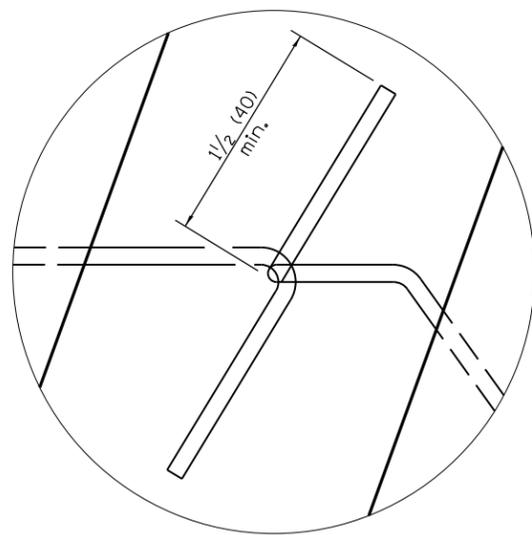


PLAN
(Reinforced concrete pipe)

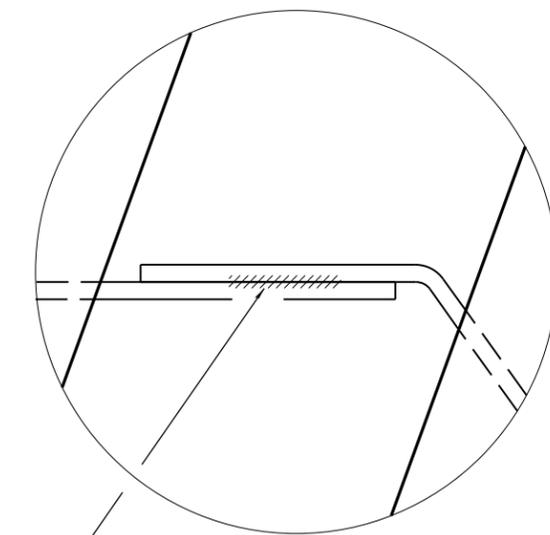
$1\frac{1}{2}$ (40) min., $2\frac{1}{2}$ (65) max. (Tied lap)
 $1\frac{1}{2}$ (40) min., 6 (150) max. (Welded lap)



PLAN
(Reinforced concrete pipe elbow)



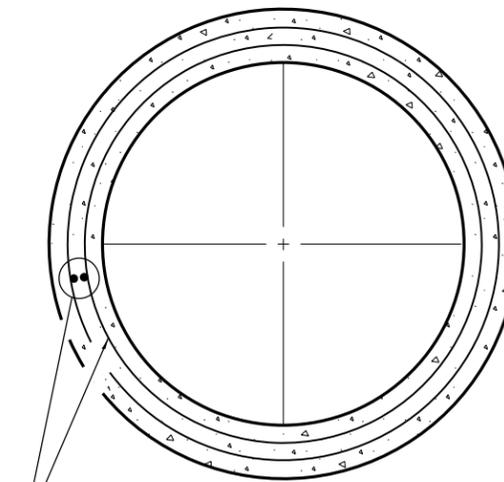
TIED LAP



DETAIL A

For wire dia. W14 - W6 (10.72 - 7.01),
length of weld shall be $\frac{3}{4}$ (20) min.
For wire dia. W5.5 - W2.9 (6.73 - 4.88),
length of weld shall be $\frac{3}{8}$ (10) min.
Other wire dia. shall be tied per detail.

WELDED LAP



TRANSVERSE SECTION

All dimensions are in inches (millimeters) unless otherwise shown.

DATE	REVISIONS
1-1-11	Corr. weld sym. on WELDED LAP det. Added pipe dia. to title. Set elbow to 15° max.
1-1-10	Corrected pipe diameter dimension lines.

**REINFORCED CONCRETE PIPE
ELBOW 24", 30" OR 36"
(600 mm, 750 mm OR 900 mm)**

STANDARD 542601-03

Illinois Department of Transportation

APPROVED January 1, 2011
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APPROVED January 1, 2011
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ISSUED 1-1-97