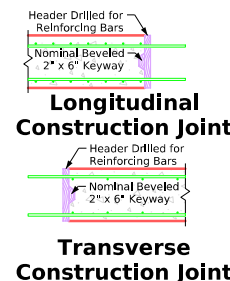
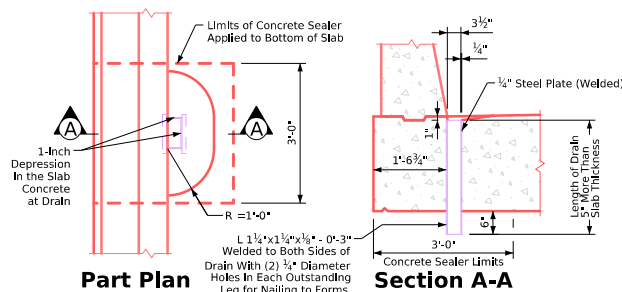
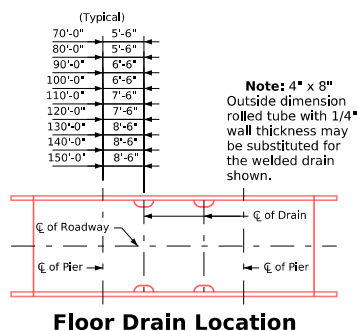


j1 Bar Size Table	
Bridge Length	Bar Size
70' to 90'	7
100' to 110'	6
120' to 150'	5

d Bar Size & Length Table			
Bridge Length	Bar Size	d1 (L)	d2(L)
70'	6	25'-10"	21'-11"
80' to 150'	5	25'-3"	21'-10"

0° Transverse Reinforcement Dimensions - Table						
Bridge	"A"	"B"	"C"	"D"	"E"	"F"
70ft	66	66'-0"	67	28'-0"	17'-0"	28'-0"
80ft	76	76'-0"	77	32'-0"	19'-0"	32'-0"
90ft	86	86'-0"	87	36'-0"	21'-0"	36'-0"
100ft	96	96'-0"	97	40'-0"	23'-0"	40'-0"
110ft	106	106'-0"	107	44'-0"	25'-0"	44'-0"
120ft	116	116'-0"	117	48'-0"	27'-0"	48'-0"
130ft	126	126'-0"	127	52'-0"	29'-0"	52'-0"
140ft	136	136'-0"	137	56'-0"	31'-0"	56'-0"
150ft	146	146'-0"	147	60'-0"	33'-0"	60'-0"



Weight of One Floor Drain			
Span	Weight, lbs.	Span	Weight, lbs.
70'-0"	32	120'-0"	41
80'-0"	33	130'-0"	43
90'-0"	35	140'-0"	45
100'-0"	37	150'-0"	48
110'-0"	39		

Floor Drain Details

(Use for single slope barrier rail only, not required for open rail.)

Note: Drains are to be galvanized. Include the cost of drains in the price bid for "Structural Concrete Bridge."

(4 Drains Required)

Latest Revision Date

Approved By Bridge Engineer

IOWA | DOT

Standard Design-40'-0" Roadway, 3 Span Bridge

Continuous Concrete Slab Bridge

July, 2025

Superstructure Details
0° Skew

J40-21-25