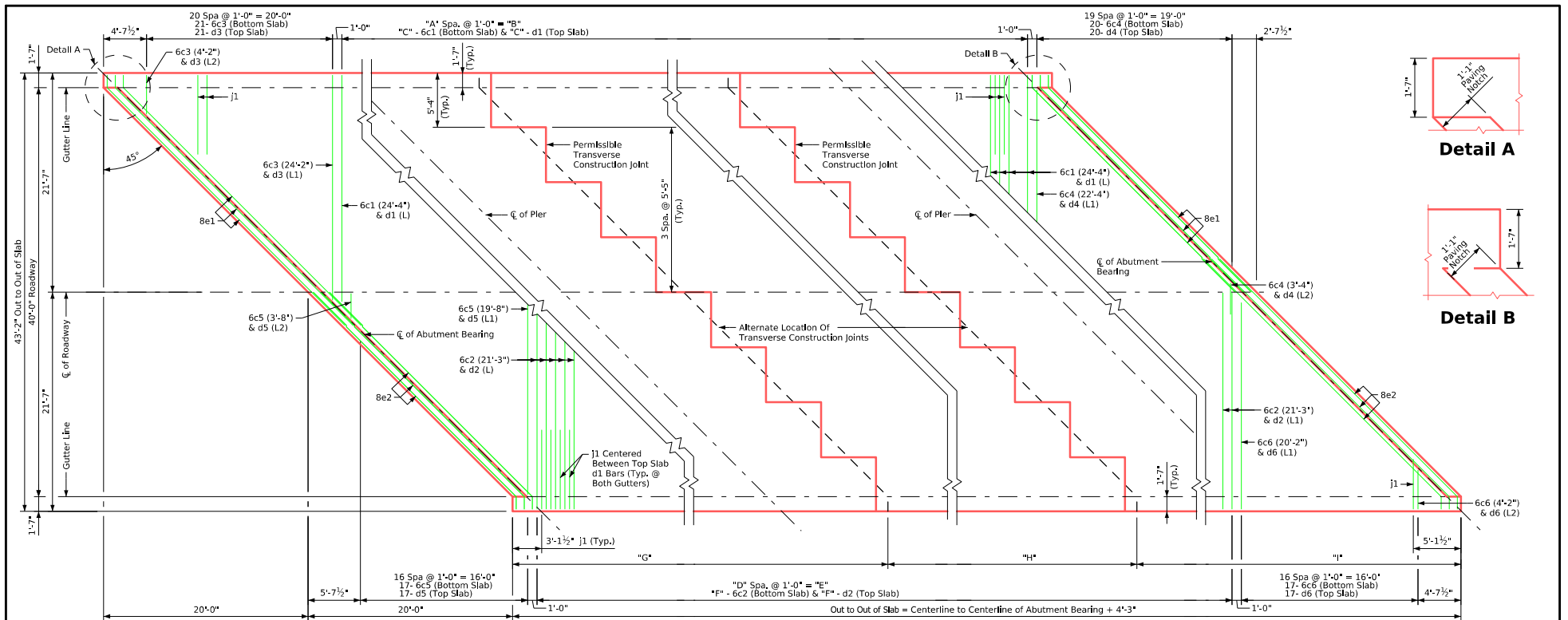
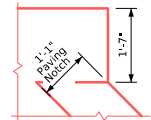


Detail A



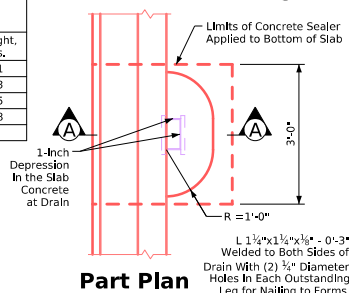
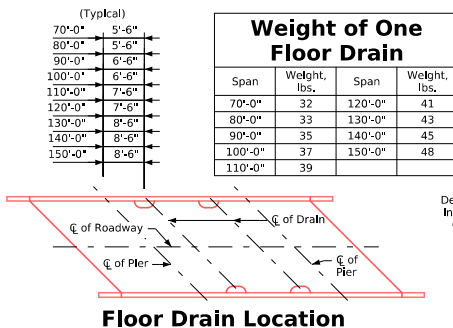
Detail B

45° Skew Transverse Reinforcing Steel Layout

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

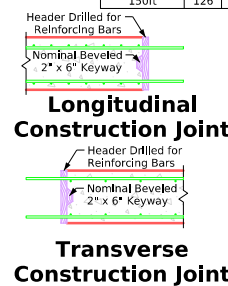
45° Transv. Reinf. Dim. Table										
Bridge	*A*	*B*	*C*	*D*	*E*	*F*	*G*	*H*	*I*	
70ft	46	46'-0"	47	50	50'-0"	51	27'-7"	17'-0"	29'-8"	
80ft	56	56'-0"	57	60	60'-0"	61	31'-7"	19'-0"	33'-8"	
90ft	66	66'-0"	67	70	70'-0"	71	35'-7"	21'-0"	37'-8"	
100ft	76	76'-0"	77	80	80'-0"	81	39'-7"	23'-0"	41'-8"	
110ft	86	86'-0"	87	90	90'-0"	91	43'-7"	25'-0"	45'-8"	
120ft	96	96'-0"	97	100	100'-0"	101	47'-7"	27'-0"	49'-8"	
130ft	106	106'-0"	107	110	110'-0"	111	51'-7"	29'-0"	53'-8"	
140ft	116	116'-0"	117	120	120'-0"	121	55'-7"	31'-0"	57'-8"	
150ft	126	126'-0"	127	130	130'-0"	131	59'-7"	33'-0"	61'-8"	

d Bar Size & Length Table		
Bridge Length	70'	80' to 150'
Bar Size	6	5
d1(L)	25'-10"	25'-3"
d2(L)	21'-11"	21'-10"
d3(L)	24'-10"	24'-9"
d4(L)	4'-2"	4'-9"
d5(L)	19'-8"	19'-8"
d6(L)	3'-8"	3'-8"
d6(L)	20'-10"	20'-9"
d6(L)	4'-10"	4'-9"



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)



IOWA DOT

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

July, 2025

Superstructure Details
45° Skew

J40-24-25