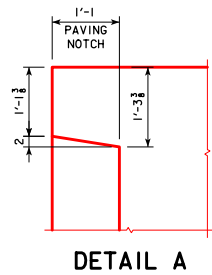
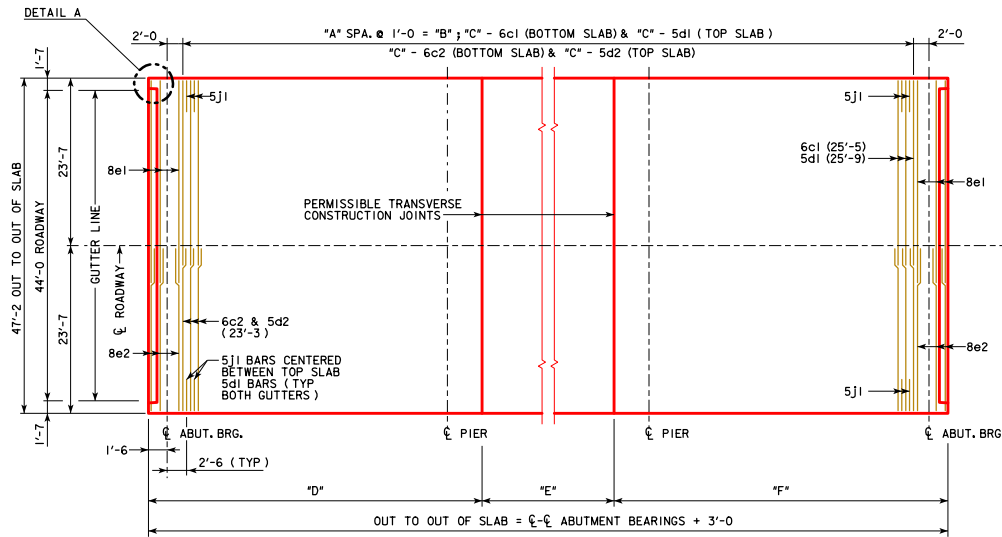


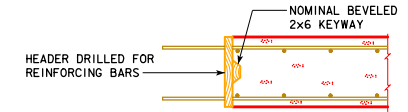
REVISED 08-2020: UPDATED BRIDGE ENGINEER SIGNATURE. CORRECTED BAR LENGTH ON 6c2 & 5d2 BAR (WAS 21'-3").



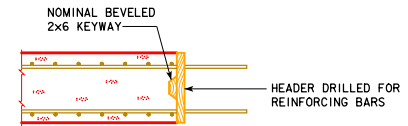
**0° SKEW  
TRANSVERSE REINFORCING STEEL LAYOUT**

**0° TRANSV. REINF. DIMENSION TABLE**

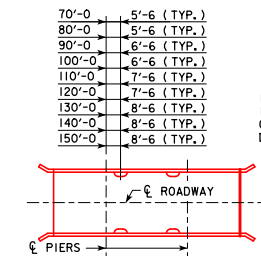
BRIDGE	"A"	"B"	"C"	"D"	"E"	"F"
70' BRIDGE	66	66'-0	67	28'-0	17'-0	28'-0
80' BRIDGE	76	76'-0	77	32'-0	19'-0	32'-0
90' BRIDGE	86	86'-0	87	36'-0	21'-0	36'-0
100' BRIDGE	96	96'-0	97	40'-0	23'-0	40'-0
110' BRIDGE	106	106'-0	107	44'-0	25'-0	44'-0
120' BRIDGE	116	116'-0	117	48'-0	27'-0	48'-0
130' BRIDGE	126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



**TRANSVERSE CONSTR. JOINT**

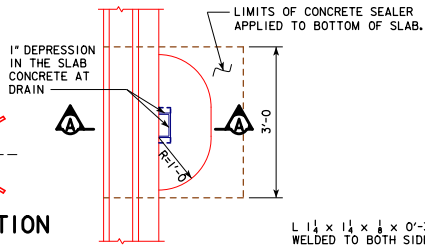


**LONGITUDINAL CONSTR. JOINT**



**FLOOR DRAIN LOCATION**

NOTE: 4" x 8" OUTSIDE DIMENSION ROLLED TUBE WITH 1/4" WALL THICKNESS MAY BE SUBSTITUTED FOR THE WELDED DRAIN SHOWN.

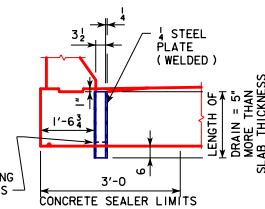


**PART PLAN**

**FLOOR DRAIN DETAILS**

(USE FOR BARRIER RAIL ONLY, NOT REQUIRED FOR OPEN RAIL)

NOTE: DRAINS ARE TO BE GALVANIZED. INCLUDE COST OF DRAINS IN PRICE BID FOR "STRUCTURAL CONCRETE". 4 DRAINS REQUIRED.



**SECTION A-A**

1 1/4" x 1 1/4" x 1/4" x 0'-3" WELDED TO BOTH SIDES OF DRAIN WITH 2-1/4" HOLES IN EACH OUTSTANDING LEG FOR NAILING TO FORMS

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		

08-2020  
LATEST REVISION DATE  
*[Signature]*  
APPROVED BY BRIDGE ENGINEER

**IOWA DOT** Highway Division

STANDARD DESIGN - 44' ROADWAY, 3 SPAN BRIDGES

**CONTINUOUS CONCRETE  
SLAB BRIDGES**

JULY, 2014

**SUPERSTRUCTURE DETAILS  
ALL BRIDGES**

**J44-21-14**

0° SKEW