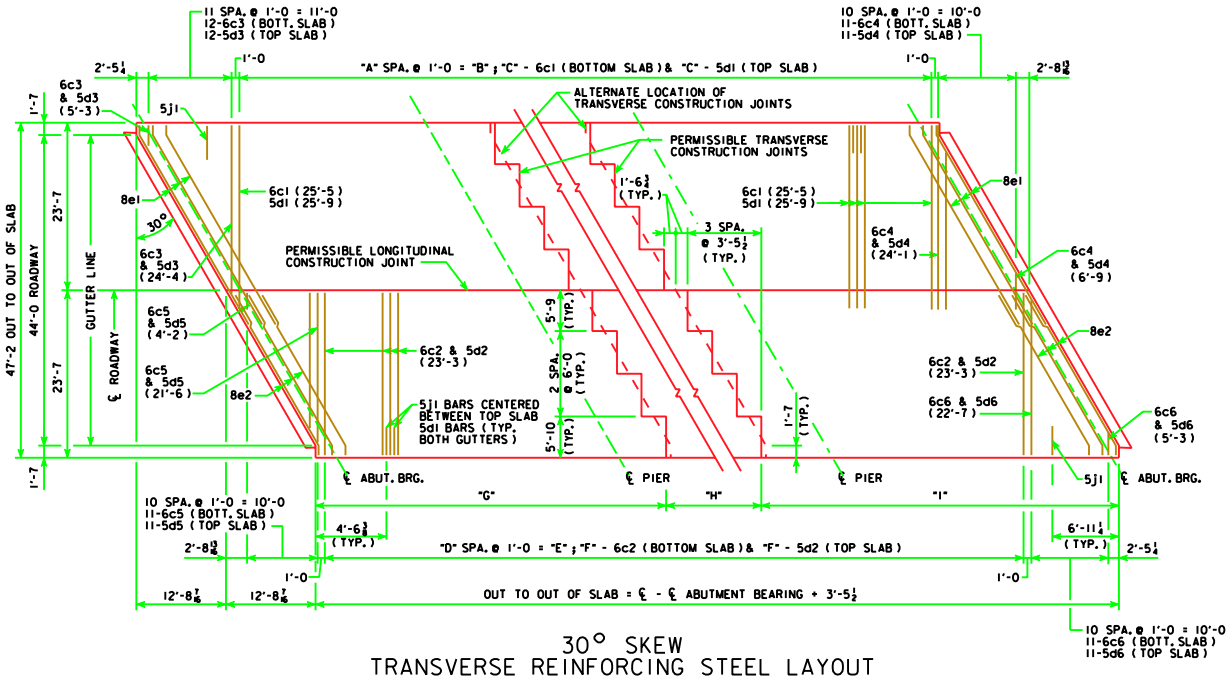
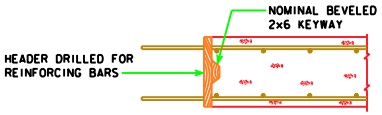


30° SKEW
TRANSVERSE REINFORCING STEEL LAYOUT

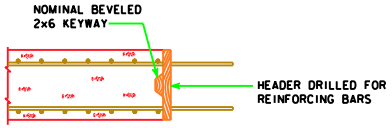
NOTE: 5d BARS ARE TO PASS UNDER 8e BARS IN CONFLICT AREAS.

30° TRANSV. REINFORCING DIMENSION TABLE

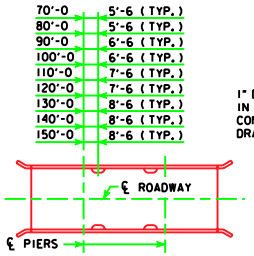
BRIDGE	"A"	"B"	"C"	"D"	"E"	"F"	"G"	"H"	"I"
70' BRIDGE	57	57'-0	58	58	58'-0	59	27'-5½	17'-0	29'-0
80' BRIDGE	67	67'-0	68	68	68'-0	69	31'-5½	19'-0	33'-0
90' BRIDGE	77	77'-0	78	78	78'-0	79	35'-5½	21'-0	37'-0
100' BRIDGE	87	87'-0	88	88	88'-0	89	39'-5½	23'-0	41'-0
110' BRIDGE	97	97'-0	98	98	98'-0	99	43'-5½	25'-0	45'-0
120' BRIDGE	107	107'-0	108	108	108'-0	109	47'-5½	27'-0	49'-0
130' BRIDGE	117	117'-0	118	118	118'-0	119	51'-5½	29'-0	53'-0
140' BRIDGE	127	127'-0	128	128	128'-0	129	55'-5½	31'-0	57'-0
150' BRIDGE	137	137'-0	138	138	138'-0	139	59'-5½	33'-0	61'-0



TRANSVERSE CONSTR. JOINT

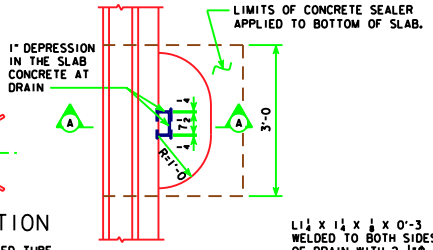


LONGITUDINAL CONSTR. JOINT



FLOOR DRAIN LOCATION

NOTE: 4" X 8" OUTSIDE DIMENSION ROLLED TUBE WITH ¼" WALL THICKNESS MAY BE SUBSTITUTED FOR THE WELDED DRAIN SHOWN.

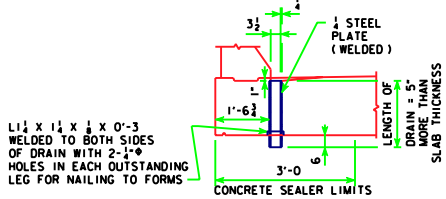


PART PLAN

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

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		

LATEST REVISION DATE

APPROVED BY BRIDGE ENGINEER

Iowa Department of Transportation
Highway Division

STANDARD DESIGN - 44' ROADWAY, 3 SPAN BRIDGES

CONTINUOUS CONCRETE SLAB BRIDGES

NOVEMBER, 2006

SUPERSTRUCTURE DETAILS
ALL BRIDGES
30° SKEW

J44-23-06