



ANCHOR BOLT LAYOUT

MATERIAL SCHEDULE

QUANTITY	DESCRIPTION	QUANTITY	DESCRIPTION
1 PC	TRUSS 1 - SECTION A - MALE TOP CHORD CONNECTION	2 PCS	EXPANSION CHANNEL - MC6X15.1 @ 34'-9 3/8"
1 PC	TRUSS 1 - SECTION A - FEMALE TOP CHORD CONNECTION	2 PCS	PLATE A - R 3/8" X 6" X 1'-7 13/16" - SKEW CUT
1 PC	TRUSS 2 - SECTION B - MALE TOP CHORD CONNECTION	6 PCS	PLATE B - R 3/8" X 6" X 4'-0" - SKEW CUT
1 PC	TRUSS 2 - SECTION B - FEMALE TOP CHORD CONNECTION	2 PCS	OVER ANGLE - L 5 X 3 1/2 X 3/8 @ 34'-8"
6 PCS	FLOOR BEAM - W24X117 @ 38'-3 1/16"	2 PCS	TRUSS BOTTOM CHORD SPLICE PLATE - R 3/4" X 10" X 40"
2 PCS	END PLATE - R 1/2" X 18" X 46 1/8"	2 PCS	TRUSS BOTTOM CHORD SPLICE PLATE - R 1/2" X 8" X 40"
4 PCS	LATERAL ROD ANCHOR - L 6 X 4 X 1/2 @ 6"	4 PCS	TRUSS BOTTOM CHORD SPLICE PLATE - R 1/2" X 5" X 36 1/2"
12 PCS	KNEE BRACE - R 1/2" X 21 1/4" X 24"	42 PCS	5 GA 3"X9" GALV CORRUGATED DECK @ 24'-0"
1 PC	R 1/2" X 14" X 10" - SKEW CUT	16 PCS	5 GA 3"X9" GALV CORRUGATED DECK - SKEW CUT @ 44'-15' LABELED 1-16
1 PC	R 1/2" X 14" X 14" - TRIANGLE CUT	16 PCS	5 GA 3"X9" GALV CORRUGATED DECK - SKEW CUT @ 43'-40' LABELED A-R
5 PCS	INTERIOR PANEL LATERAL ROD - 1" X 24'-5"	14 PCS	GALV END DAM PLATE - R 3/16" X 5" X 12'-0"
5 PCS	INTERIOR PANEL LATERAL ROD - 1" X 39'-10"	16 PCS	GALV SPLASH GUARD BENT PLATE - R 1/4" X 12" X 48"
2 PCS	END PANEL LATERAL ROD - 1" X 27'-0"	14 PCS	GALV GUARDRAIL @ 12'-6"
2 PCS	END PANEL LATERAL ROD - 1" X 41'-9"	4 PCS	GALV GUARDRAIL FLARED END
1 PC	STRINGER B - W12X30 @ 11'-11 5/16"	4 PCS	GUARDRAIL WOOD POST
1 PC	STRINGER N - W12X30 @ 12'-1 1/8"	128 PCS	5/8" X 1 1/4" GUARDRAIL SPLICE BOLTS
1 PC	STRINGER M - W12X30 @ 12'-2 3/8"	28 PCS	5/8" X 2" GUARDRAIL MOUNTING BOLTS
1 PC	STRINGER K - W12X30 @ 12'-4 13/16"	4 PCS	5/8" X 10" GUARDRAIL WOOD POST BOLTS
1 PC	STRINGER J - W12X30 @ 12'-6 1/16"	38 PCS	3/4" X 2" A325 TYPE 1 GALV B,N,W
1 PC	STRINGER F - W12X30 @ 12'-7 7/8"	453 PCS	3/4" X 2 1/2" A325 TYPE 1 GALV B,N,W
1 PC	STRINGER G - W12X30 @ 12'-9 15/16"	34 PCS	1" X 2 1/2" A325 TYPE 1 GALV B,N,W
1 PC	STRINGER S - W12X30 @ 12'-9 15/16"	98 PCS	1" X 3/4" A325 TYPE 1 GALV B,N,W
1 PC	STRINGER R - W12X30 @ 12'-7 7/8"	50 PCS	1" X 4" A325 TYPE 1 GALV B,N,W
1 PC	STRINGER H - W12X30 @ 12'-6 1/16"	28 PCS	3/4" X 16" GALV STRINGER ANCHOR BOLTS
1 PC	STRINGER E - W12X30 @ 12'-4 13/16"	8 PCS	1 1/4" X 22" GALV TRUSS ANCHOR BOLTS
1 PC	STRINGER L - W12X30 @ 12'-2 3/8"		
1 PC	STRINGER C - W12X30 @ 12'-1 1/8"		
1 PC	STRINGER P - W12X30 @ 11'-11 5/16"		
35 PCS	STRINGER Q - W12X30 @ 12'-2 7/8"		
14 ASSYS	STRINGER BEARING PLATE ASSEMBLY BOTTOM PLATE - R 1/2" X 8" X 20" - SKEW CUT TOP PLATE - R 1/2" X 8" X 20" - SKEW CUT 2 PCS - SHIM PLATE - R 1" X 7" X 10" - SKEW CUT		
2 ASSYS	TRUSS FIXED BEARING ASSEMBLY BOTTOM PLATE - R 3/4" X 24" X 27 5/16" - SKEW CUT TOP PLATE - R 3/4" X 24" X 27 5/16" - SKEW CUT		
2 ASSYS	TRUSS EXPANSION BEARING ASSEMBLY BOTTOM PLATE - R 3/4" X 24" X 27 5/16" - SKEW CUT SLIDER PLATE - BRONZE R 1/4" X 24" X 27 5/16" - SKEW CUT TOP PLATE - R 1/2" X 24" X 27 5/16" - SKEW CUT		

BOLT CHART	BOLT TYPE - 3/4" X A325 TYPE 1 GALVANIZED				
	SIZE				
LOCATION	2"	2 1/4"	2 1/2"	2 3/4"	4"
FLOOR BEAMS TO TRUSS			96		
KNEE BRACE TO TRUSS			96		
KNEE BRACE TO FLOOR BEAM			72		
STRINGERS TO FLOOR BEAMS			168		
EXP CHANNEL TO STRINGERS	28				
TOTAL REQ'D	28		432		
TOTAL ORDERED	38		453		

BOLT CHART	BOLT TYPE - 1" X A325 TYPE 1 GALVANIZED				
	SIZE				
LOCATION	2"	2 1/4"	2 1/2"	2 3/4"	4"
TOP CHORD CONNECTION			24	48	
BOTTOM CHORD CONNECTION				40	40
TOTAL REQ'D			24	88	40
TOTAL ORDERED			34	98	50

NOTE: DRAWINGS RELATIVE (DO NOT SCALE)

DATE	REVISIONS	BY	SAF
1 8-14-01	ANCHOR BOLT LAYOUT	SAF	
2 8-14-01	MATERIAL SCHEDULE	SAF	

85' TRUSS BRIDGE REHAB. 24' ROADWAY WIDTH  
STANGE ROAD BRIDGE NO. BEN-21-2.23  
BENTON TWP.  
OTTAWA COUNTY, OHIO

DESIGN SAF	DRAWN SAF	DATE JULY 25, 2001	DRAWING NO. STANGE	SHEET 2 OF 6
CHECK/DATE	FABRICATOR OHO BRIDGE			