

CONCRETE PLACEMENT DIAGRAM SHOWING SLAB REINFORCING (RIGHT AHEAD SKEW SHOWN, LEFT AHEAD SKEW SIMILAR)

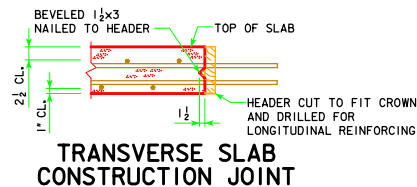
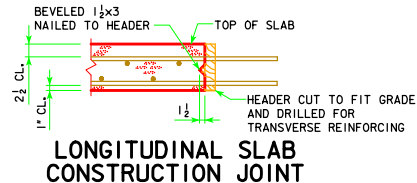
REINFORCEMENT DIMENSIONS	160'-0"	180'-0"	200'-0"	220'-0"	240'-0"	260'-0"	280'-0"	300'-0"	320'-0"	340'-0"
℄-℄ ABUTMENT BEARINGS										
X (FT.-IN.)	163'-2 1/4	183'-2 1/4	203'-2 1/4	223'-2 1/4	243'-2 1/4	263'-2 1/4	283'-2 1/4	303'-2 1/4	323'-2 1/4	343'-2 1/4
Y (IN.)	6 1/2	6 1/2	6 1/2	6 1/2	6 1/2	6 1/2	6 1/2	6 1/2	6 1/2	6 1/2
Z (SPACES)	177	201	225	249	273	297	321	345	369	393

Δ NOTE:
CONCRETE QUANTITIES SHALL BE LISTED ON THE SUMMARY QUANTITIES SHEET.

Δ CONCRETE PLACEMENT QTYS. (SUPERSTRUCTURE PLUS INTEGRAL ABUTMENTS)	160'-0"	180'-0"	200'-0"	220'-0"	240'-0"	260'-0"	280'-0"	300'-0"	320'-0"	340'-0"
SLAB, AND ABUT DIAPHRAGM, SECTION 1 & 3	CY 116.2	126.2	138.6	150.6	160.6	172.5	182.5	192.5	202.6	215.4
SLAB, SECTION 2	CY 42.1	47.4	52.7	58.0	63.2	68.7	74.0	79.2	84.5	89.8
SLAB, SECTION 4 & 5	CY 56.1	63.2	70.2	77.3	84.3	91.6	98.6	105.7	112.7	119.8
ABUTMENT WINGS	CY 7.2	7.2	7.2	7.6	7.6	7.6	7.6	7.6	7.6	13.9
TWO ABUTMENT FOOTINGS	CY 37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	45.0
TOTAL	CY 258.8	281.2	305.9	330.7	352.9	377.6	399.9	422.2	444.6	483.9

ESTIMATED QTYS. (SUPERSTRUCTURE PLUS INTEGRAL ABUTMENTS)	160'-0"	180'-0"	200'-0"	220'-0"	240'-0"	260'-0"	280'-0"	300'-0"	320'-0"	340'-0"
NO. OF STEEL H-PILES FOR TWO ABUTMENTS (HP 10 X 57)	NO.	16	16	16	18	18	18	20	20	24
BARRIER RAILS	LF	354.4	394.4	434.4	474.4	514.4	554.4	594.4	634.4	734.0
WING ARMORING - MACADAM STONE	SY	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	5.7
PREBORED HOLES	LF	160	160	160	180	180	180	200	200	240

NOTE:
FOR QUANTITIES OF STRUCTURAL CONCRETE, REINFORCING STEEL AND STRUCTURAL STEEL REFER TO THE SUMMARY QUANTITIES SHEET IN THE BRIDGE PLANS.



NOTES:
1. ROADWAY SLAB SHALL BE PLACED IN SECTIONS AND SEQUENCES INDICATED. ALTERNATE PROCEDURES FOR PLACING SLAB CONCRETE MAY BE SUBMITTED FOR APPROVAL TOGETHER WITH A STATEMENT OF THE PROPOSED METHOD AND EVIDENCE THAT THE CONTRACTOR POSSESSES THE NECESSARY EQUIPMENT AND FACILITIES TO ACCOMPLISH THE REQUIRED RESULTS.

SPAN LENGTHS			
BRIDGE LENGTH	SPAN 1	SPAN 2	SPAN 3
160'-0"	48'-0"	64'-0"	48'-0"
180'-0"	54'-0"	72'-0"	54'-0"
200'-0"	60'-0"	80'-0"	60'-0"
220'-0"	66'-0"	88'-0"	66'-0"
240'-0"	72'-0"	96'-0"	72'-0"
260'-0"	78'-0"	104'-0"	78'-0"
280'-0"	84'-0"	112'-0"	84'-0"
300'-0"	90'-0"	120'-0"	90'-0"
320'-0"	96'-0"	128'-0"	96'-0"
340'-0"	102'-0"	136'-0"	102'-0"

LATEST REVISION DATE	 APPROVED BY BRIDGE ENGINEER	 STANDARD DESIGN - 40' ROADWAY, 3 SPAN BRIDGES ROLLED STEEL BEAM BRIDGES OCTOBER, 2014
		SUPERSTRUCTURE QUANTITIES 20° SKEW
		RS40-033-14