



(CONT'D) REINFORCING STEEL (INTERMEDIATE GRADE)

BAR SIZE	REQ.	TOT. LGTH	DETAIL
E1	2	152	28'-3" STRAIGHT
E2	2	35	25'-0" STRAIGHT, CUT TO SUIT IN FIELD.
F1	2	52	6'-1" A=2'-5"
F2	2	30	4'-5" A=1'-7"
G	5	178	3'-11"
H	2	42	6'-3" 3'-7"
J1	2	20	28'-3" STRAIGHT
J2	2	20	32'-3" STRAIGHT, BEND IN FIELD.
K1	2	6	37'-6" STRAIGHT
K2	2	12	32'-7" STRAIGHT

REINFORCING STEEL (INTERMEDIATE GRADE)

BAR SIZE	REQ.	TOT. LGTH	DETAIL
A1	5	40	37'-8" STRAIGHT
A2	3	4	37'-10" "
A3	3	3	38'-2" "
A4	3	3	38'-7" "
A5	3	2	39'-1" "
A6	3	2	39'-6" "
A7	3	1	39'-11" "
A8	3	1	40'-2" "
A9	3	1	40'-5" "
A10	3	1	40'-8" "
A11	3	1	41'-0" "
A12	3	9	7'-6" "
A13	3	8	9'-1" "
A14	3	8	10'-11" "
A15	3	8	13'-1" "
A16	3	8	15'-7" "
A17	3	8	18'-4" "
A18	3	8	21'-7" "
A19	3	6	24'-3" "
A20	3	6	27'-4" "

NOTES

STEEL SUPERSTRUCTURE TO INCLUDE WF BEAMS, BEARING PLATE ASSEMBLIES AND INDICATED DIAPHRAGMS FOR SPAN. ALL STEEL BEAMS SHALL BE ROLLED TO A TRUE CIRCULAR CAMBER, FULL LENGTH OF THE BEAM AND THE MIDDLE ORDINATE TO BE AS NOTED.

ALL STRUCTURAL STEEL SHALL BE PAINTED AS SPECIFIED UNDER ITEM 403 A & B OF STANDARD SPECIFICATIONS FOR ROAD & BRIDGE CONSTRUCTION FOR THE STATE OF VERMONT-1948.

THE FINAL COAT OF PAINT IN FIELD SHALL BE GREEN, UNLESS OTHERWISE DIRECTED BY THE ENGINEER.

THIS SHEET DOES NOT INCLUDE QUANTITIES FOR RAILING OR POSTS.

ALL MATERIAL AND CONSTRUCTION SHALL CONFORM TO THE STANDARD ROAD & BRIDGE SPECIFICATION FOR THE STATE OF VERMONT-1948 AND THE A.A.S.H.O. SPECIFICATION-1949.

DESIGNED FOR H-20(44) LIVE LOADING, 25#/SF PAVING ALLOWANCE, DEAD LOAD INCLUDES WEIGHT OF BEAMS, SLAB & PIPE RAIL.

FOR LOCATION OF FIXED & EXPANSION BEARINGS, SEE PLAN & PROFILE SHEET.

REQ. X	Y	TOT. LGTH	REQ. X	Y	TOT. LGTH
B1	40	37'-3"	B8	1	39'-9"
B2	4	37'-5"	B9	1	40'-0"
B3	3	37'-9"	B10	1	40'-3"
B4	3	38'-2"	B11	1	40'-7"
B5	2	38'-8"	B12	9	7'-1"
B6	2	39'-1"	B13	8	8'-8"
B7	1	39'-6"	B14	8	10'-6"

REFERENCE SHEET ONLY
SHEET 64 OF 68

CAMBRIDGE
ROUTE-15
SUPERSTRUCTURE
SPAN N#1

ESTIMATED QUANTITIES

STEEL SUPERSTRUCTURE-79900#
REINFORCING STEEL 16674#
CONCRETE CLASS "B" 100
BITUMINOUS CONCRETE 15

Surveyed by
Designed by L.M.B.
Drawn by H.R.D.
Traced by
Checked by
Series ST No. 122(M) Filed
Sheet 9 of 29 Sheets