STATE OF NORTH CAROLINA
DEPT. OF TRANSPORTATION

END BENT DESIGN

E7490M

H FREE STYLE DESCRIPTION

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72

H

A — E.BT. NO. | NO. OF BMS | NO. TO LT. | LL: CODE (1), FACT (0), SURG (0), TYPE (0) | SUPERSTRUCTURE: ROADWAY WIDTH m | END SPAN LENGTH m | WIND AREA HGT. m | SUPER-STRUCTURE DEPTH m | BEAM SPACING m | BEARING PAD: LGT mm, WTH mm, THK mm | SOIL DATA: FILL DEPTH m | SOIL PRESSURE 6.3kn/m³ | ADDITION DATA: MAGNITUDE OF LOAD kn | DIST. ABOVE BOT CAP m | SIDEWALK LL kn/m | LOAD FACT OR SERV LOAD (02) | CP LOAD (0)

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72

A

PILE DATA: P — TYPE | DESIGN CAPCTY 270 KN/P | ROWS | # PILES | # BRACE | ON CL. | SPACING mm | SPECIAL: DIM mm, SQ

CAP DATA: CAP LENGTH m | MIN SECTION: WD, HT | AVERAGE CAP DEPTH mm | FF TO CL BRG DIM CAP/2 mm | EXTRA WEIGHT kn/m | BENT ANGLE: DEG, MIN, SEC | WALL | STEEL SIZE: MAIN, STIR | SUPER STRUCTURE OFFSET: DISTANCE m, L/R L | FILL FACE TO CL PILES ⊥ (CAP/2) mm

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71

P

H WING DATA: NO | ANGLE: DEG, MIN, SEC | ALTERNATE LOAD (kn) | TYPE | ① | ② | ③ | ④ | ⑤ | ⑥ | ⑦ | STEEL (MPA): FS (160), FY (400) | CONCRETE STRENGTH 21 MPA | EXP (0) | LIST (0) | C.C. (0)

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70

W1

W2

X — BEGIN POSITION — DISTANCES FROM LOAD POSITIONS TO CENTERLINE BENT FROM LEFTMOST. ALL POSITIVE (m) . ALONG THE SKEW

1 11,21,31,ETC | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65

X0001

L — BEGIN POSITION — DEAD LOADS FROM SUPERSTRUCTURE THRU BEAMLINES (kn)

1 11,21,31,ETC | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65

L0001