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d = Height of steel profile

L = Width of the bridge

DL = Dead Load

SDL = Superimbose Dead Load

LL = Live Load

UDL = Uniformly Distributed Load

KEL = Knife Edge Load

PLL = Construction Stage Load

φMnx = Nominal bending moment of structural component with a reduction factor

Zx = Modulus of a sector

fy = Voltage shrinkage

φVn = nominal shear force of the structural component with a reduction factor

fy = Voltage shrinkage

Aw = Sector across the profile area

φMn = Bending moment of the nominal structural component with a reduction factor

φVn = nominal shear force of the structural component with a reduction factor

Mu = Bending moment factor

Vu = Shear force factor

fy = Voltage shrinkage

Aw = Sector across the profile area

Y_{allow} = Allowed tension

L = Length of deck

L = The length of the bridge deck

h = High box girder

ϕPn = Nominal axial force of structural components by reduction factor

Pu_{max} = Maximum axial force factor

q = UDL intensity

L = Length of Bridge

DLA = Dynamic Load Allowance

Q_{TD} = Uniform Load Unifromly Distributed Load

n_1 = Number of lanes

b_1 = Width of Bridge

Q_{TD}' = Uniform Load Unifromly Distributed Load'

s = Distance between Ribs Girder

p = Uniform Loads Knife Edge Load

p = KEL intensity

P_{TD} = Dynamic factor load

P_{TT} = Truck load

DLA = Dynamic Load Allowance

T = Truck double tyres load

TTB = Break load

Lt = Total lenght of bridge

A = The area of the sidewalk

b2 = One sidewalk width

Le = Equivalent span lenght

ΔT = Temperature difference

Tmax = Temperature maximum

Tmin = Temperature Minimum

Cw = Drag coefficient

Vw = Wind speed plan

Ab = Wide side of the bridge

h = Height of center weight of the truck

b = The distance between two tyres in one axle

H = High pylon

L = The total length of the bridge

λ = Distance of cable anchor on girder

n = Number of cables

CL = Minimum distance

Ø = Angle cable on the girder deck

h = The distance from the first joint deck in the pylon

b = Cable distance on the deck

Asc = Sectional area of the cable without the anchor block

Aac = Sectional area of the cable with the anchor block

W = Dead and live load evenly distributed

P = Concentrated load

λ = The distance between the anchor cables on the girder

θt = Angle of cable to the horizontal

γ = Density of cable

fu = Tensile stress of cable

a = The horizontal distance from the pylon to the anchor cable on the girder

h = Cable High on pylon from deck

Wλ = Longitudinal girder weight per cable box

n = The number of the cable

As = Sectional area of the strands

Eeq = Modulus of equivalent elasticity

E = Modulus of elasticity cable

σ = Tensile stress in the cable

l = The distance of the cable hanging point

Pn = Cable force (fallow x Ascactual)

P = Cable force from Unknown load factor in Midas civil program

Ts = Thick floor plate (mm)

b_1 = Distance between Ribs Girder (m)

q = Dead load

l = Distance between girder

qd = Combination load

q = Load intensity

q = The load received by the plate

qu = Loading factor

Ra = Support reaction

Mo = Moment max in the middle plate

Lx = Review of load on 1 tyres load (lenght)

Bx = Review of load on 1 tyres load (width)

Ly = Lenght of tyres distribution

r = Coefficient of support

As = Capacity plate

F = Cross section capacity

ρ = Reinforcement ratio

LIST OF APPENDIX