STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION

LOAD RATING

Bridge No.

over

BY PLACEMENT OF THE PROFESSIONAL ENGINEERING STAMP AND SIGNATURE I HEREBY STATE THAT I HAVE PERFORMED AN INDEPENDENT CHECK OF THE METHODS, ASSUMPTIONS, LOAD DISTRIBUTION, COMPUTER INPUT FILE(S) AND ALL CALCULATIONS FOR THIS LOAD RATING REPORT FOR THE BRIDGE NUMBER STATED ABOVE. BY STAMPING AND SIGNING ABOVE, I CONFIRM THAT I AGREE WITH ALL METHODS, ASSUMPTIONS, LOAD DISTRIBUTIONS, AND CALCULATIONS CONTAINED IN THIS RATING REPORT.

Please use this area to place your company logo and remove this text box

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GENERAL INFORMATION OF STRUCTURE

Structure No. : Town: Route : Mile Point :

Feature Carried: Year Built:

Feature Crossed: Year Rebuilt:

Project No. : Construction No. : Billable Project No. :

Superstructure Type : Please Select Please Select Please Select

Substructure Type : Please Select

Deck Type : Please Select Please Select

Composite : Please Select

What the structure was originally designed: Please Select Please Select

What the structure was Load Rated: Please Select Please Select

What type of analysis was performed to load rate this structure: Please Select

Trunk Routes : Please Select

Basis of Rating : Please Select

Rated By: Date:

Reviewed By: Date:

Reviewed By (Department Personnel Only) :

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AASHTO VEHICULAR LOADING							
TRUCK	RF	TONS	SPAN	CONTROLLING MEMBER	MEMBER LENGTH (ft)	CONTROL LOC (%)	CONTROLLING MECHANISM
Please Select		N/A					Please Select
Please Select		N/A					Please Select
Type 3							Please Select
Type 3S2							Please Select
Type 3-3							Please Select
SU4							Please Select
SU5							Please Select
SU6							Please Select
SU7							Please Select

AASHTO FATIGUE LOADING							
TRUCK	RF	YEAR REM	SPAN	CONTROLLING MEMBER	MEMBER LENGTH (ft)	CONTROLLING LOCATION (%)	FATIGUE CATEGORY
N/A							N/A

DESIGN AND LEGAL SERVICE III LOAD CASE							
TRUCK	RF	TONS	SPAN	CONTROLLING MEMBER	MEMBER LENGTH (ft)	CONTROLLING LOCATION (%)	CONTROLLING MECHANISM
N/A							N/A
N/A							N/A

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CT LEGAL VEHICULAR LOADING							
TRUCK	RF	TONS	SPAN	CONTROLLING MEMBER	MEMBER LENGTH (ft)	CONTROL LOC (%)	CONTROLLING MECHANISM
CT-L73.0							Please Select
CT-L3S2							Please Select
HS20							Please Select
H20							Please Select

CT PERMIT VEHICULAR LOADING							
TRUCK	RF	TONS	SPAN	CONTROLLING MEMBER	MEMBER LENGTH (ft)	CONTROL LOC (%)	CONTROLLING MECHANISM
CT-P76.5							Please Select
CT-P120(6)							Please Select
CT-P140(7)a							Please Select
CT-P140(7)b							Please Select
CT-P160(8)a							Please Select
CT-P160(8)b							Please Select
CT-P180(9)							Please Select
CT-P200(10)							Please Select
CT-P380							Please Select

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REFERENCES

AASHTO The Manual for Bridge Evaluation xxx ed. with xxxx Interim Revisions
AASHTO LRFD Bridge Design Specifications xth ed. with xxxx Interim Revisions
CTDOT Load Rating Manual Version x.x

CALCULATION TOOLS

AASHTOWare Bridge Rating Version x.x.x.xxxx
CANDE 2013
ET Culvert v2.61 (newest version v3.24)
Larsa 4D v7.08.05
Midas v1.1
STAAD PRO V8i Select series 5
STAAD PRO V8i Free Sketch
STAAD PRO V8i Equivalent Section
STAAD PRO V8i Section Builder
LEAP CONSYS
MathCAD 14
Excel 2010
CTDOT Beam End Analysis v1.0
CTDOT Corrugated Metal Pipe Liner rev. 6