

CHECKED

CHECKED

DRAWN

RGD

WJH

NRF

TOTAL SHEETS SHEET NO. 35 15 S-13 SHEETS

CONTRACT #: 83802

SHEET NO. S-01

50#/sq. ft. for future wearing surface. * Also designed for 120,000 Lb. Permit loading

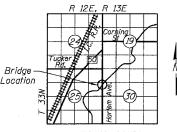
DESIGN STRESSES

f'c = 4,000 psi (Class SI)

fs = 27,500 psi (Structural Steel)

SEISMIC DATA

Seismic Performance Category (SPC) = "A" Bedrock Acceleration Coefficient (A) = 0.04g Site Coefficient (S) = 1.0



To the best of my knowledge, information and belief, this bridge design is structurally adequate for the design loading shown on the plans. The design is an economical one for the style of structure and complies with requirements of the current "AASHTO Standard

II Licensed Structural Engineer

089-004658

EXPERT 11-30-06

ILLINOIS DEPARTMENT OF TRANSPORTATION General Plan and Elevation

Harlem Avenue/Drecksler Road Over Black Walnut Creek Will County Section 01-00139-02-BR SN. 099-3091