

Proposed Structures

LOCATION SKETCH KEY PLAN BOX CULVERTS AND JUNCTION CHAMBER MCLEAN BOULEVARD AND IL ROUTE 31 SECTION 06-00214-02 BR

KANE COUNTY

TOTAL SHEET SHEETS NO. RTE. SECTION COUNTY 119 361 06-00214-02-BR KANE 219 CONTRACT NO. 63073 FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT

DESIGN SPECIFICATIONS 2002 AASHTO LFD Specifications

PROFILE GRADE

MCLEAN BOULEVARD

₹_{+4.91%}

8

Sta. 813+ 743.00

PVT Elev.

+618 1.66

5ta. 771.

PVC Elev.

-1.58%

PVI Sta. 812+00 Elev. 738.22

LVC = 200'

PVC Sta. 811+00 Elev. 739.80

FIELD UNITS

= 60,000 psi (Reinforcement) f'_C = 3,500 psi

SEISMIC DATA

Seismic Performance Category A Bedrock Acceleration Coefficient (A) = 0.037aSite Coefficient (S) = 1.0

DESIGN STRESSES

- 3rd PM Ranae 8E McLean Rlvd. CC & P R.R. New Stearns Rd. IL Route 31