

Span 1

57.022 m Bk. to Bk. Abutments

PLAN

DESIGN SPECIFICATIONS

1996 AASHTO Standard Specifications for Highway Bridges, including 1997, 1998 & 1999 Interims

LOADING MS18

Allow 1.2 kN/m² for future wearing surface. **DESIGN STRESSES**

f'c = 24 MPa (Existing & Proposed) fy = 276 MPa (Reinf, Existina) fy = 400 MPa (Reinf, Proposed) = 345 MPa (M 270M Grade 345) (Proposed) fy = 250 MPa (M 270M Grade 250) (Existing & Proposed)

SEISMIC DATA

Seismic Performance Category (SPC) = A Bedrock Acceleration Coefficient (A) = 0.04g

__89°-47′-53"

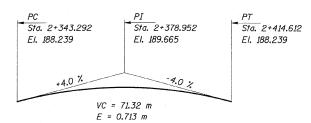
Sta. 2+429.169 (115th St.) =

Sta. 6+132,217 (Ashland Ave.)

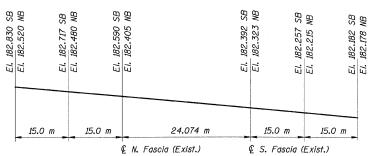
COLLINS Studies 300 (Stringer, It. 60606 ENGINEERS) (312) 704-9300



CONTRACT 60371



PROFILE GRADE 115TH STREET



(MAX.) TOP OF PAVEMENT EDGE ELEVATIONS (I-57 Outside Edge of Pavement.

STATION 2+382.915 RF-BUILT 200 BY STATE OF ILLINOIS F.A.U. RT. 1584 SEC 068-1919.2-CF LOADING MS18 STR. NO. 016-2037

NAME PLATE

See Std. 515001

Clean and relocate existing name plate adjacent to new name plate. Cost included with name plates.

Vertical clearance shall be verified by Contractor prior to construction. This work shall not be measured for payment and shall be included in the cost for Construction Layout.

Protective shield is currently in place. Contractor shall remove and deliver protective shield to IDOT District One Bridge Office. See note on sheet S2.

For Section A-A see Bridge Mounted Sign Structure Connection Details on sheet No. S23 of S23.

APPROVED FOR STRUCTURAL ADEQUACY ONLY

Relphi auduson (TD) ENGINEER OF BRIDGES AND STRUCTURE



REVISIONS	ILLINOIS DEPARTMENT OF TRANSPORTATION
NAME DATE	115 TH. STREET OVER FAI 57
	FAU RTE, 1584 SEC, 068-1919-2-CF
	COOK COUNTY
	STATION 2+382.915
	STRUCTURE NO. 016-2037
	OCNEDAL DIANI A ELEVATE

GENERAL PLAN & ELEVATION DRAWN BY KAC

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