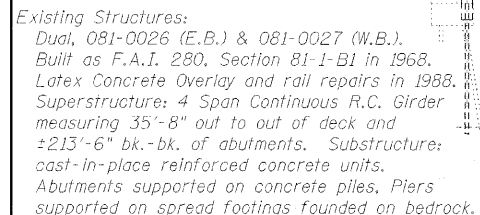


STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION



ELEVATION

*The existing front row of piles shall be cut off below the bottom of the new abutment caps.



Diagram illustrating a vertical curve with a length $V.C. = 450'$. The curve starts at the P.V.C. Sta. 284+50.00 (Elev. 576.21) and ends at the P.V.T. Sta. 289+00.00 (Elev. 576.05). The vertical curve is defined by a +0.80% grade and a -0.87% grade. The structure limits are shown above the curve, with a P.V.I. Sta. 286+75.00 (Elev. 578.00).

PROFILE GRADE

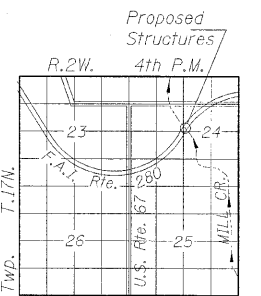
HORIZONTAL CURVE DATA

APPROVED
FOR STRUCTURAL ADEQUACY ONLY

Ralph E. Anderson (TSD)
ENGINEER OF BRIDGES AND STRUCTURES




SIGNATURE
7/28/10
DATE
LIC. EXP. DATE: 11/30/10



LOCATION SKETCH

DESIGN STRESSES

LOADING HS20-44 & ALT.

SEISMIC DATA

DESIGN SPECIFICATIONS
2002 AASHTO Standard Specifications
for Highway Bridges, 17th Edition

DESIGN SPECIFICATIONS

2002 AASHTO Standard Specifications
for Highway Bridges, 17th Edition

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JOB NO.
05R15324

SHEET NO. 1

40 SHEETS

F.A.
RTE.

SECTION.

$$81 - 1/(P - 1)P$$

COUNTY

Rock Island

TOTAL	9
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503

CONTRACT NO 64815

ILLINOIS FED. AID PROJECT

LAYOUT	Red	5/21/10
DRAWN	Red	5/21/10
REVIEWED	NAN/JEH	5/21/10