

PILE DATA - 2 ABUTMENTS

Type: Steel HP12x53 w/ Pile Shoes

Nominal Required Bearing: 419 Kips

Allowable Resistance Available: 139 Kips (West Abutment)
124 Kips (East Abutment)

Estimated Length: 26 Feet (West Abutment)
50 Feet (East Abutment)

No. Production Piles: 12 Each

No. Test Piles: 2 Test Piles Included

BAR LAPS

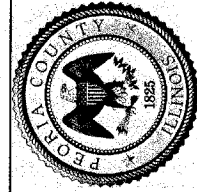
#4 Bars 1'-8"
#5 Bars 2'-2"
#7 Bars 4'-10"

BEARING SEAT ELEVATIONS

Point	W. Abut.	E. Abut.
A'	545.47	541.16
B'	545.23	541.55
C'	545.72	540.78
D'	545.13	541.58
E'	545.62	540.81

*East Abutment piles shall be driven through 18" diameter precored holes extending to Elev. 510.00 according to Article 512.09(c) of the Standard Specifications. Cost included in Driving Piles.

REVISION
DATE



Hamilton No. 06P2008	10/12/06
Drawn: AL-R.D.W.C.	11/30/07
Scale: 04/06/07	JUL
LAYOUT	REVIEWED
DRAWN	JUL
DATE	07/16/07

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PILE BENT ABUTMENTS

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STRUCTURE NO. 072-3145
PEORIA COUNTY, ILLINOIS