

EXISTING BEARING REMOVAL DETAILS

Notes:
Hatch area indicates Bearing removal. See Special Provision for Jack and Remove Existing Bearings.
Existing bearing dimensions are taken from the original plans.

## REQUIRED JACK CAPACITY

(Per Bearing)

		W. Abut.	Pler I	Pier 2	Pler 3	E. Abut.
*Dead Load	(k)	2.0	16.4	17.3	10.4	4.1
Min. Jack Capacity	(Tons)	<i>1</i> .5	12.5	13.0	8.0	<i>3.</i> 5

\*Superstructure steel only

## EXISTING BEARING ASSEMBLY HEIGHTS

	Beam I	Beam 2	Beam 3	Beam 4	Beam 5	Beam 6	Beam 7	Beam 8	Beam 9	Beam 10	Beam II	Beam 12	Beam 13
W. Abut.	13 <sup>5</sup> 8"	1378"	14 4"	13 <sup>5</sup> 8"	14 4"	13 <sup>5</sup> 8"	13 <sup>5</sup> 8"	13 <sup>5</sup> 8"	13 <sup>5</sup> 8"	13 <sup>5</sup> 8"	14 <sup>3</sup> 8 "	1438"	14"
Pier 1	15 <sup>3</sup> 8"	14 78"	15/2"	14 78"	15½"	14 <sup>7</sup> 8"	14 <sup>7</sup> 8 "	14 <sup>7</sup> 8"	14 <sup>7</sup> 8"	14 <sup>7</sup> 8"	15 3 <sub>4</sub> "	15 <sup>5</sup> 8"	15 %"
Pier 2	14½"	141/2"	14 2"	14/2"	. 14 <sup>7</sup> 8"	14 1/2"	141/2"	14 1/2 "	1412"	1434"	154"	15"	141/2"
Pier 3	14/2"	14/2"	14/2"	14/2"	14/2"	14/2"	14/2"	14/2"	14/2"	14 <sup>7</sup> 8"	15 <sup>3</sup> 8"	15"	14/2"
E. Abut.	13 <sup>5</sup> 8"	13 <sup>5</sup> 8"	13 <sup>5</sup> 8"	13 <sup>5</sup> 8"	14 % "	13 <sup>5</sup> 8"	141/4"	13 <sup>5</sup> 8"	13 <sup>5</sup> 8"	14 /8"	14/2"	14 %"	13 <sup>5</sup> 8"

## BILL OF MATERIAL

Item	Unît	Total
Jack and Remove Existing Bearings	Each	65

	USER NAME =	DESIGNED - MTH	REVISED -	
υ.	FILE NAME =	CHECKED - ADB	REVISED -	
	PLOT SCALE =	DRAWN - AJF	REVISED ~	
	PLOT DATE =	CHECKED ~ MTH	REVISED -	
			<u></u>	_

STATE OF ILLINOIS **DEPARTMENT OF TRANSPORTATION** 

BEARING	REM	OVAL	DETAILS	
STRUCT	URE	NO. 04	450037	
SHEET	NO. 28	OF 39	SHEETS	

COUNTY TOTAL SHEET NO.

KANE 110 78

CONTRACT NO. 60K76 SECTION