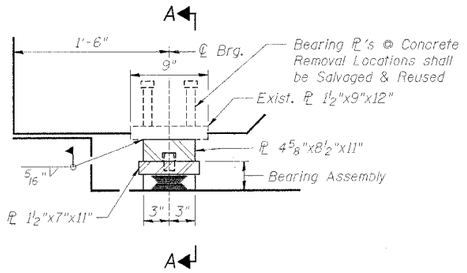
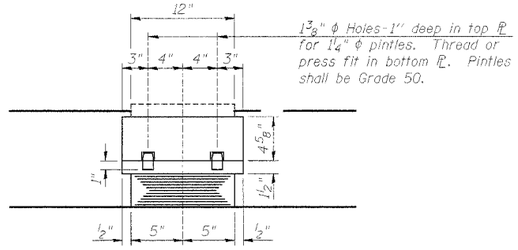
85438

ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAP 5560	01-00125-00-BR	WHITESIDE	17	13
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT-BHM-4062(25)		

Structural Sheet 6 of 6

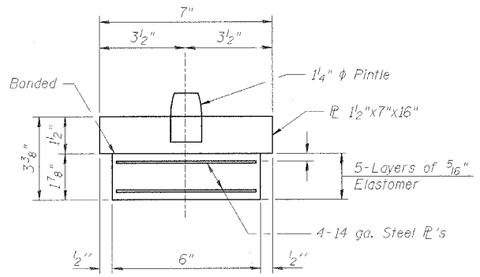


ELEVATION AT ABUT.

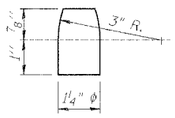


SECTION A-A

TYPE I ELASTOMERIC EXP. BRG.



BEARING ASSEMBLY



PINTLE

NOTE:

Shim ℄'s shall not be placed under Bearing Assembly.

Provide two ⅛" Shim ℄'s per bearing.

The exposed surface of the existing bearing plates shall be cleaned & painted in accordance with "Cleaning & Painting Contact Surface Areas of Existing Steel Structures". This cost shall be included in the contract price per Each for Elastomeric Bearing Assembly Type I.

REACTION TABLE	
LOAD	REACTION
Dead Load	13.00 k
Live Load	14.90 k
Impact	4.47 k
Total	32.37 k
Girder Slope	0.47%
Expansion Length	46'

Boring No. 2
Station 1+32
Offset 48' Lt.

Surface Water El. ____
Groundwater El. at Completion 635.7
After ____ Hours

	Elevation	N	Qu t/s.f.	w (%)
Ground Surface 637.7	0			
Augered 3.5' in ground to seat auger				
H_2O level				
	634.2			
Medium, brown sand & gravel w/ boulders	-5	20		
Dense, brown, sand & gravel w/ boulders		40		
Sampler rejected fluid brown sand on end of sampler	-10	100		
Began coring Elev. 626.7 Hard, yellow brown silt Stone, Small geodes of Calcite crystals	-15			
Stopped coring Elev. 622.2				

Note: This hole first tried at 36' Lt. of ℄. Auger rejected at 3.5' depth by boulder.

Boring No. 1
Station 2+16
Offset 22' Rt.

	Elevation	N	Qu t/s.f.	w (%)
Ground Surface 637.7	0			
Augered 3.0' in ground Auger rejected at this depth so began to core.				
Began Coring Elev. 634.7	-5			
Cored 9.0' yellow brown, hard silt stone & gravel recovered from care barrell				
Stopped Coring Elev. 625.7	-10			

EXISTING BORINGS FOR INFORMATION

BILL OF MATERIAL

Item	Unit	Total
Elastomeric Bearing Assembly, Type I	Each	24

TYPE I ELASTOMERIC BEARING DETAILS
DIXON AVENUE OVER HENNEPIN CANAL
SECTION 01-00125-00-BR
S.N. 098-3000
CITY OF ROCK FALLS

WHA # 1093D07