

**SEDA-COG JOINT RAIL AUTHORITY (JRA)
PIPELINE OCCUPANCY**

PIPE DATA SHEET

PLATE 1

(For crossings and longitudinal occupancy)

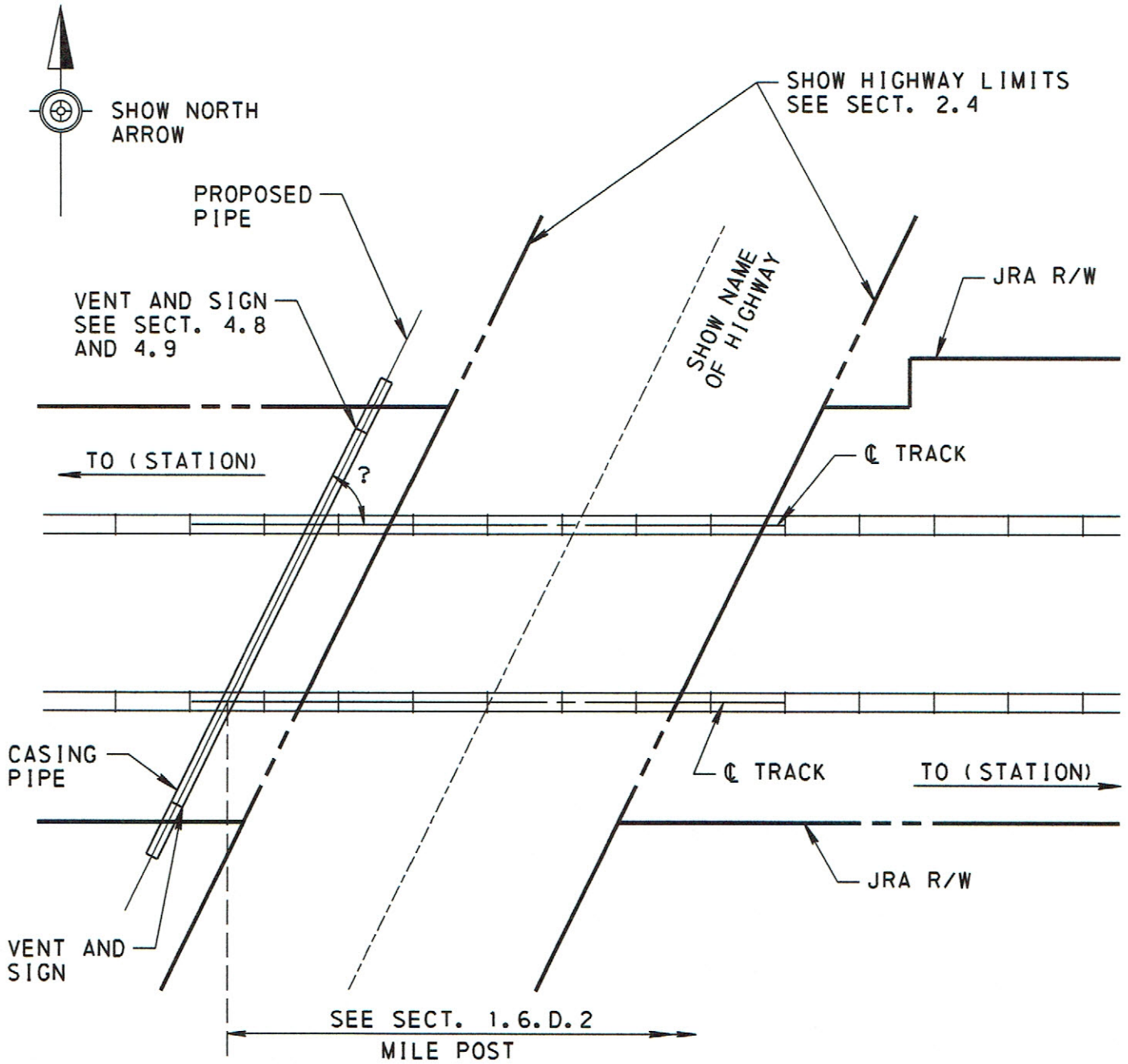
	<u>CARRIER PIPE</u>	<u>PIPE DATA</u>	
			<u>CASING PIPE</u>
Contents To Be Handled	_____	_____	_____
Normal Operating Pressure	_____	_____	_____
Nominal Size of Pipe	_____	_____	_____
O.S. Diameter	_____	_____	_____
I.S. Diameter	_____	_____	_____
Wall Thickness	_____	_____	_____
Weight Per Foot	_____	_____	_____
Material	_____	_____	_____
Process of Manufacture	_____	_____	_____
Specification	_____	_____	_____
Grade or Class	_____	_____	_____
Test Pressure	_____	_____	_____
Type of Joint	_____	_____	_____
Type of Coating	_____	_____	_____
Details of Cathodic Protection	_____	_____	_____
Details of Seal or Protection At Ends of Casing	_____	_____	_____
Method of Installation	_____	_____	_____
Character of Subsurface Material at the Crossing Location	_____	_____	_____
Approximate Ground Water Level .	_____	_____	_____
Source of Information on Subsurface Conditions (Boring , Test Pits or Other)	_____	_____	_____

Note: Any soil investigation made on railroad property or adjacent to tracks shall be carried on under the supervision of JRA's Engineer. (See Section 1.4)

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PLATE II

INFORMATION TO BE SHOWN ON PLAN VIEW OF DRAWINGS
WHEN FACILITY IS A CROSSING



PLAN

SCALE OF DRAWING TO BE SHOWN

NOTES:

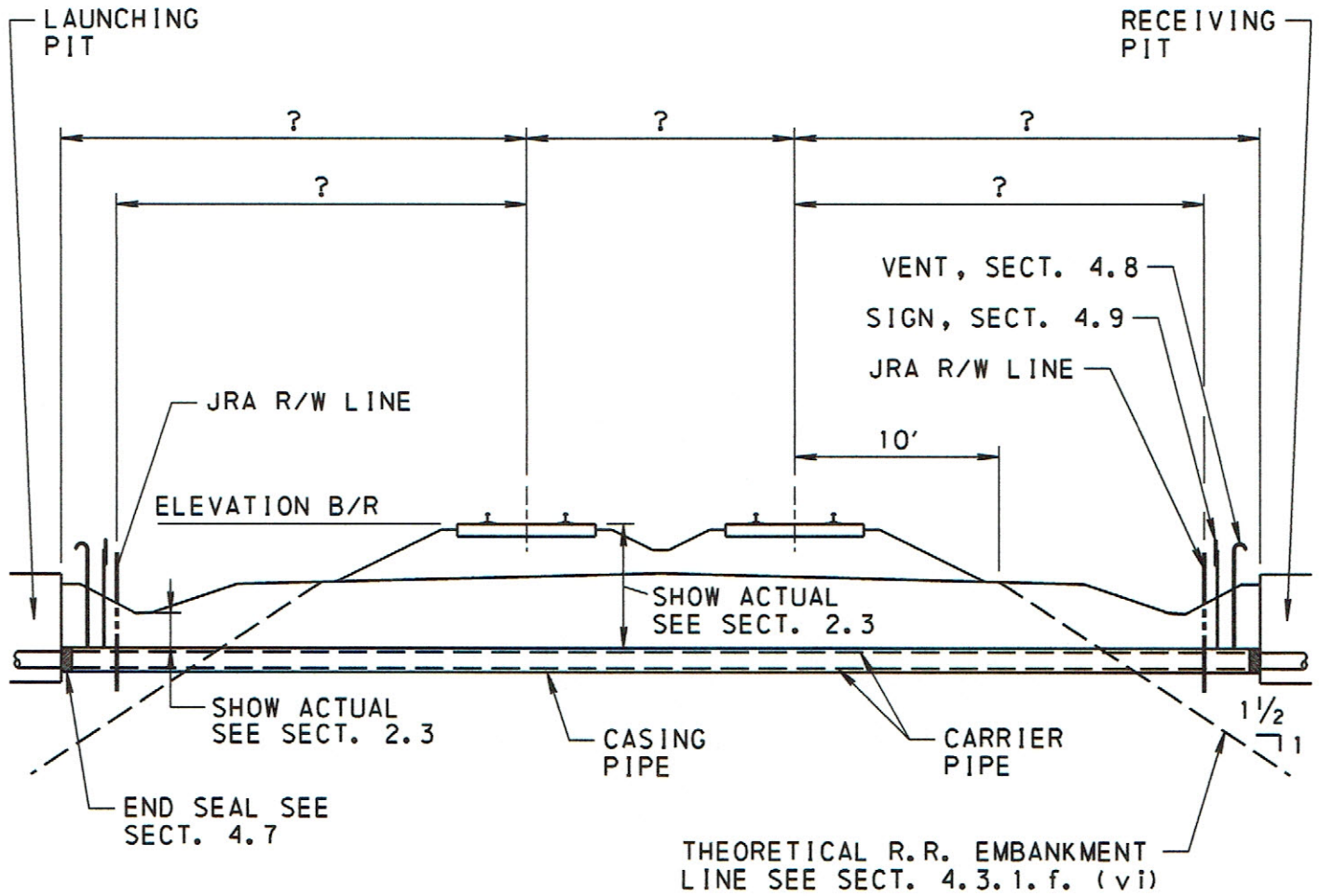
IF THE PROPOSED LINE IS WITHIN HIGHWAY LIMITS, THE SAME INFORMATION IS REQUIRED AS SHOWN ON THIS PLATE.

IF THE PROPOSED PIPE IS TO SERVE A NEW DEVELOPMENT, A MAP SHOWING THE AREA IN RELATION TO ESTABLISHED AREAS AND ROADS IS TO BE SENT WITH THE REQUEST.

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PLATE III

PIPELINE CROSSING



PROFILE

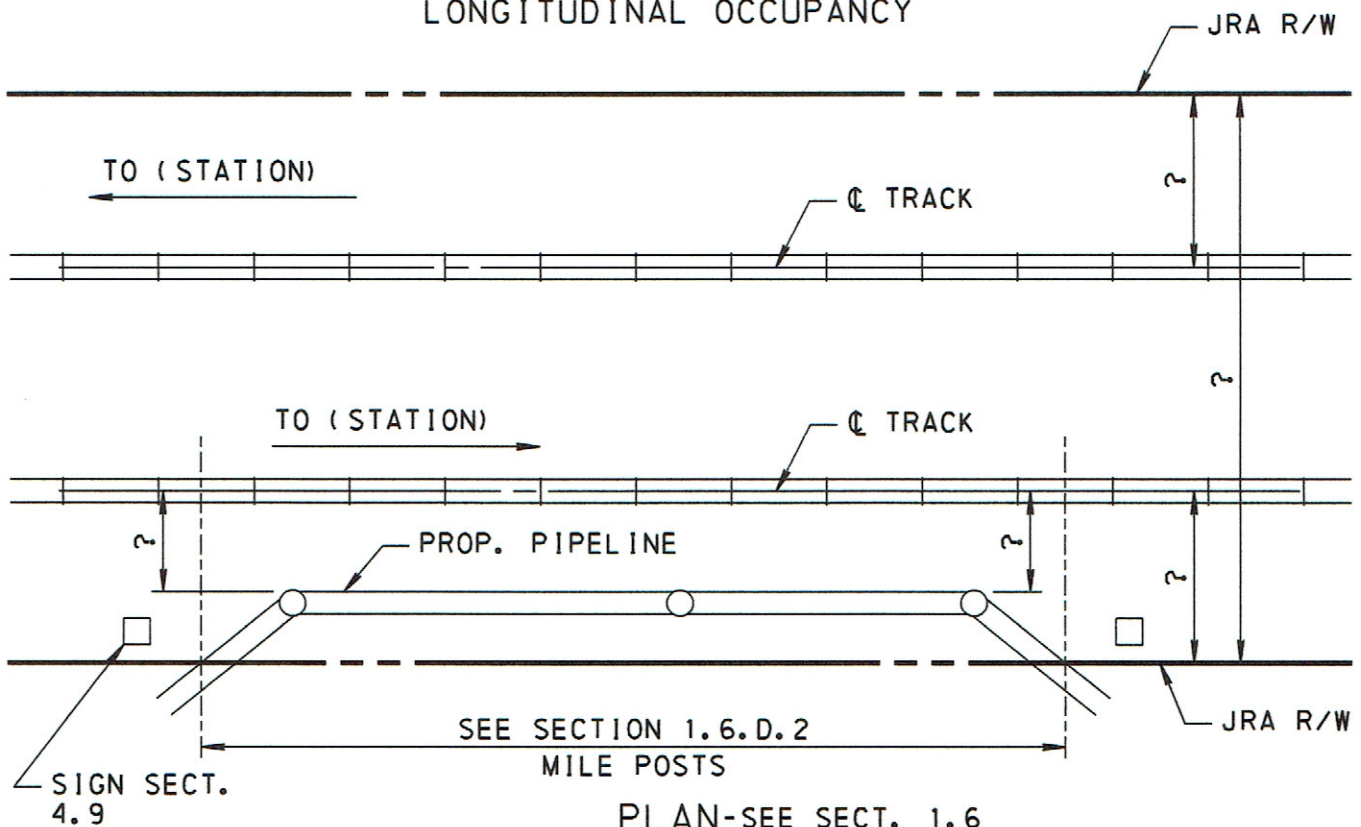
SCALE OF DRAWING TO BE SHOWN

B/R = BASE OF RAIL

SEDA-COG JOINT RAIL AUTHORITY (JRA) PIPELINE OCCUPANCY

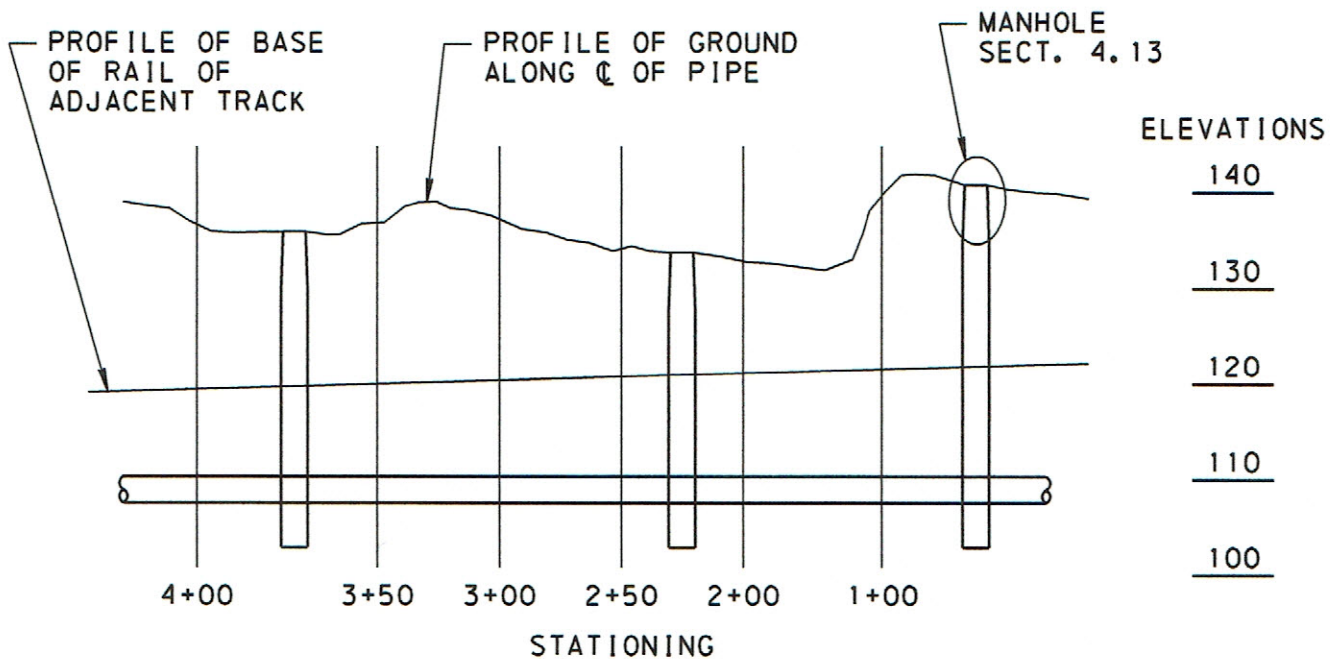
PLATE IV

LONGITUDINAL OCCUPANCY



PLAN-SEE SECT. 1.6

SCALE OF DRAWING TO BE SHOWN



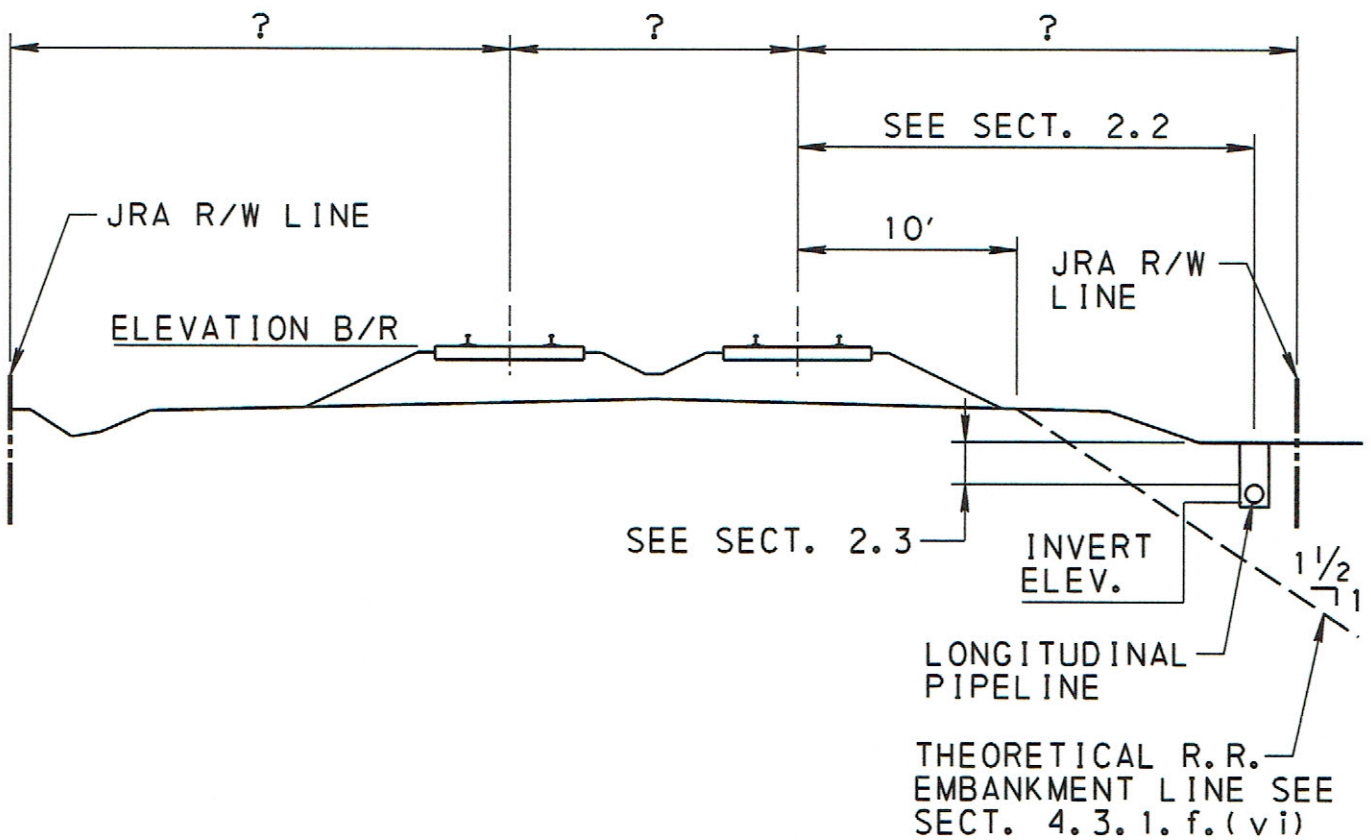
PROFILE-SEE SECT. 1.6

SCALE: HORIZ.: _____
VERT.: _____

SEDA-COG JOINT RAIL AUTHORITY (JRA)
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PLATE V

LONGITUDINAL OCCUPANCY



SECTION

SCALE OF DRAWING TO BE SHOWN

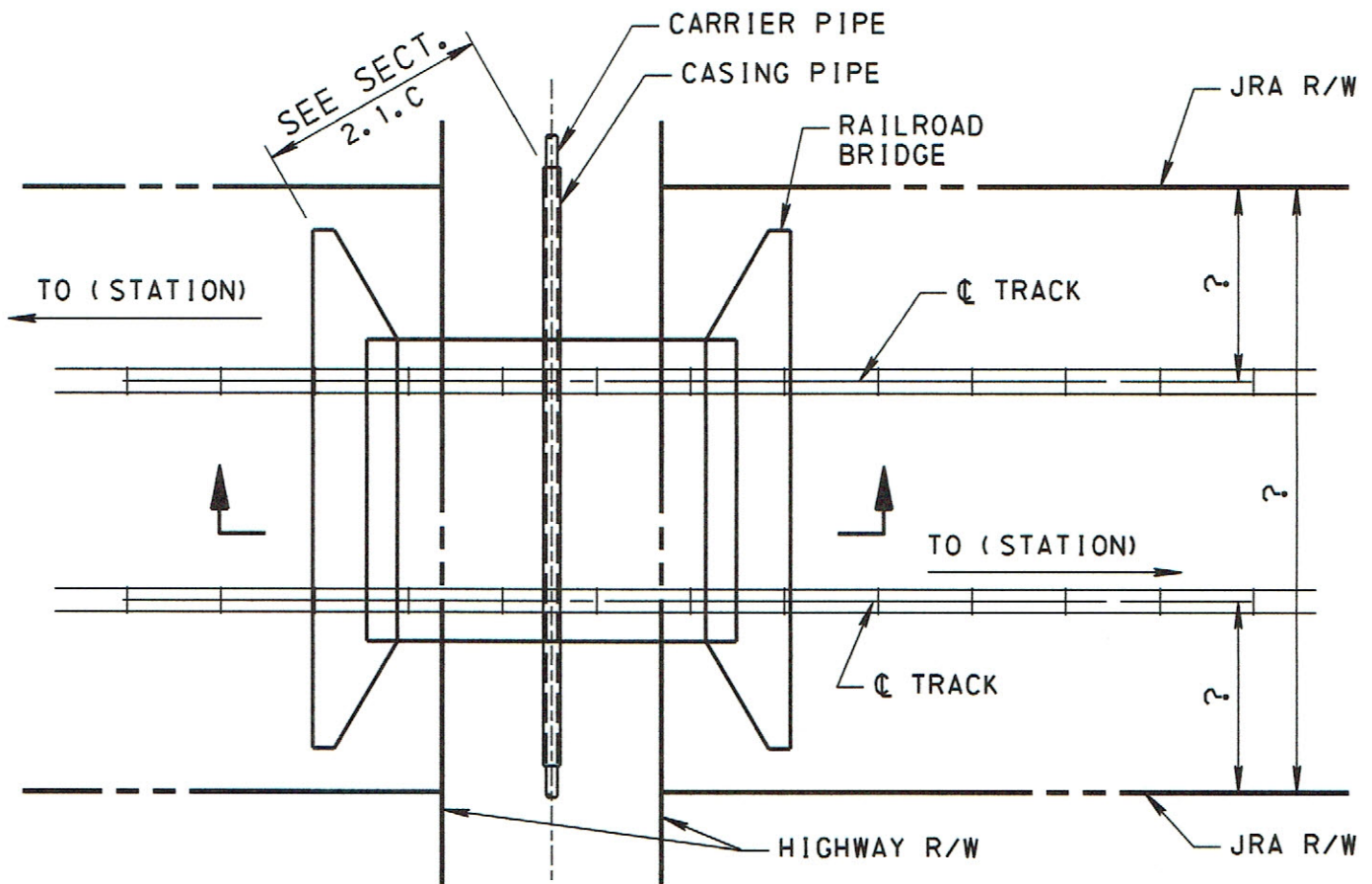
NOTE:
SECTIONS TO BE TAKEN EVERY 500 FEET (MAX.).

B/R = BASE OF RAIL

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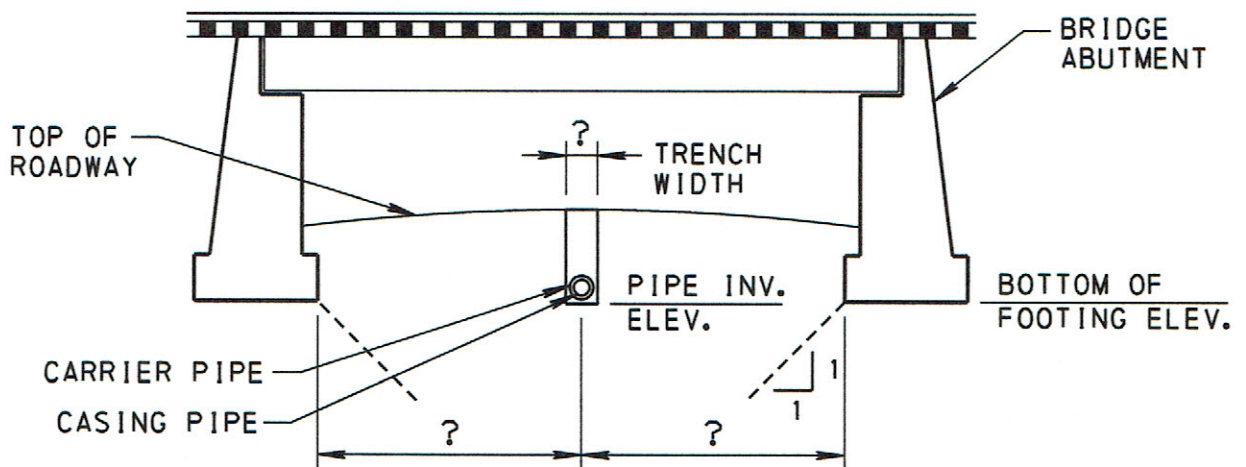
PLATE VI

PIPELINE IN HIGHWAY UNDER RAILROAD BRIDGE



PLAN

SCALE OF DRAWING TO BE SHOWN



SECTION

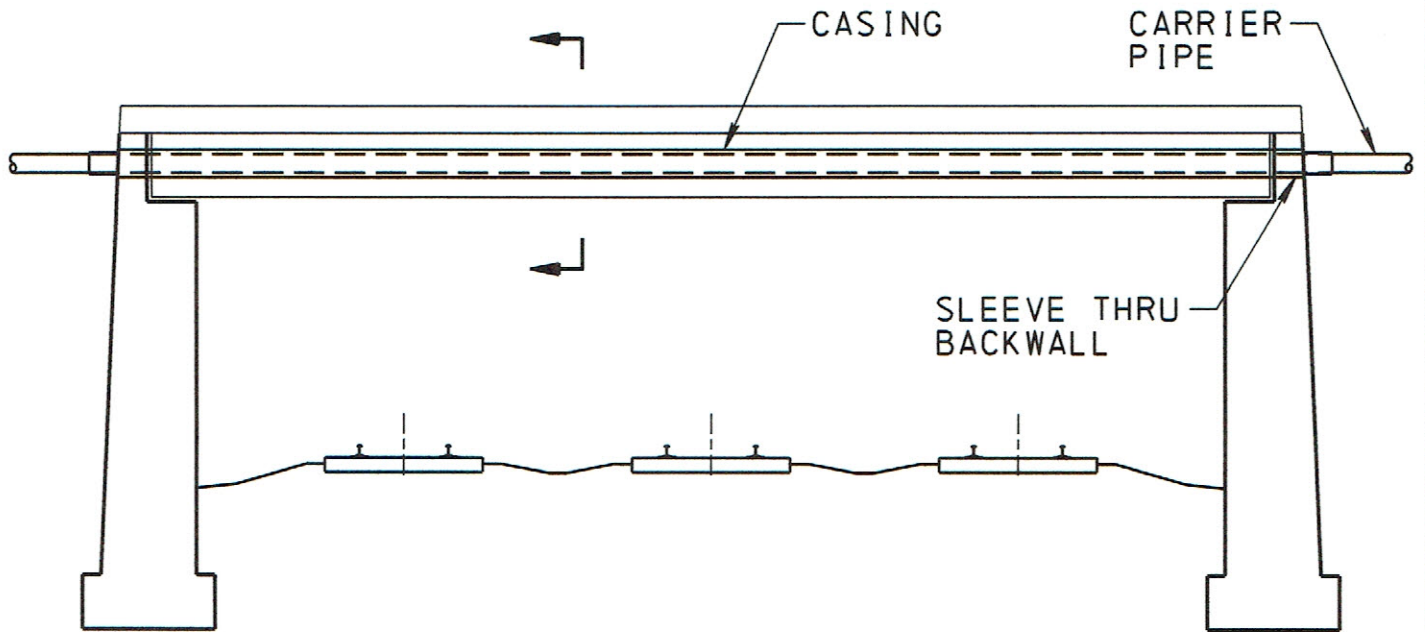
SCALE OF DRAWING TO BE SHOWN

NOTE:
PIPE OR EXCAVATION MUST NOT BE WITHIN THE 1 TO 1 SLOPE
LINE THAT EXTENDS FROM BOTTOM OF FOOTING.

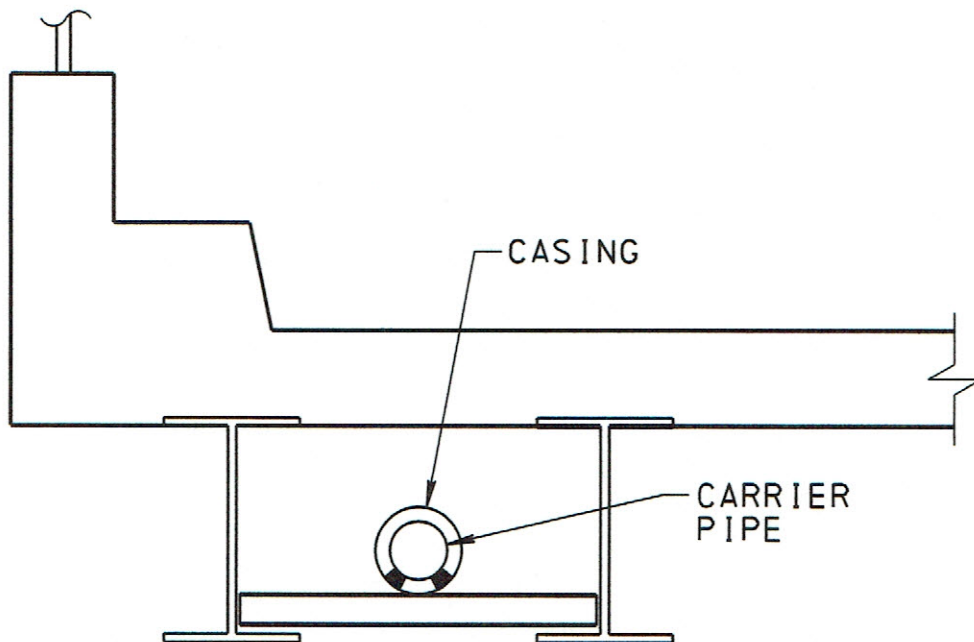
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PLATE VII

PIPELINE ON HIGHWAY BRIDGE OVER RAILROAD



ELEVATION
SCALE OF DRAWING TO BE SHOWN



SECTION
SCALE OF DRAWING TO BE SHOWN

SEDA-COG JOINT RAIL AUTHORITY (JRA) PIPELINE OCCUPANCY

PLATE VIII

TEST BORING LOG EXAMPLE

PROJECT: _____
 LOCATION: _____
 DATE STARTED: _____ DATE COMPLETED: _____
 N-NO. OF BLOWS TO DRIVE SAMPLER 12" W/140**
 HAMMER FALLING 30"-ASTM D-1586, STANDARD
 PENETRATION TEST
 C-NO. OF BLOWS TO DRIVE CASING 12" W/ _____**
 HAMMER FALLING _____"/OR _____% CORE RECOVERY

HOLE NO.: _____
 SURF. EL.: _____
 JOB NO.: _____
 GROUND WATER DEPTH
 WHILE DRILLING: _____
 BEFORE CASING
 REMOVED: _____
 AFTER CASING
 REMOVED: _____

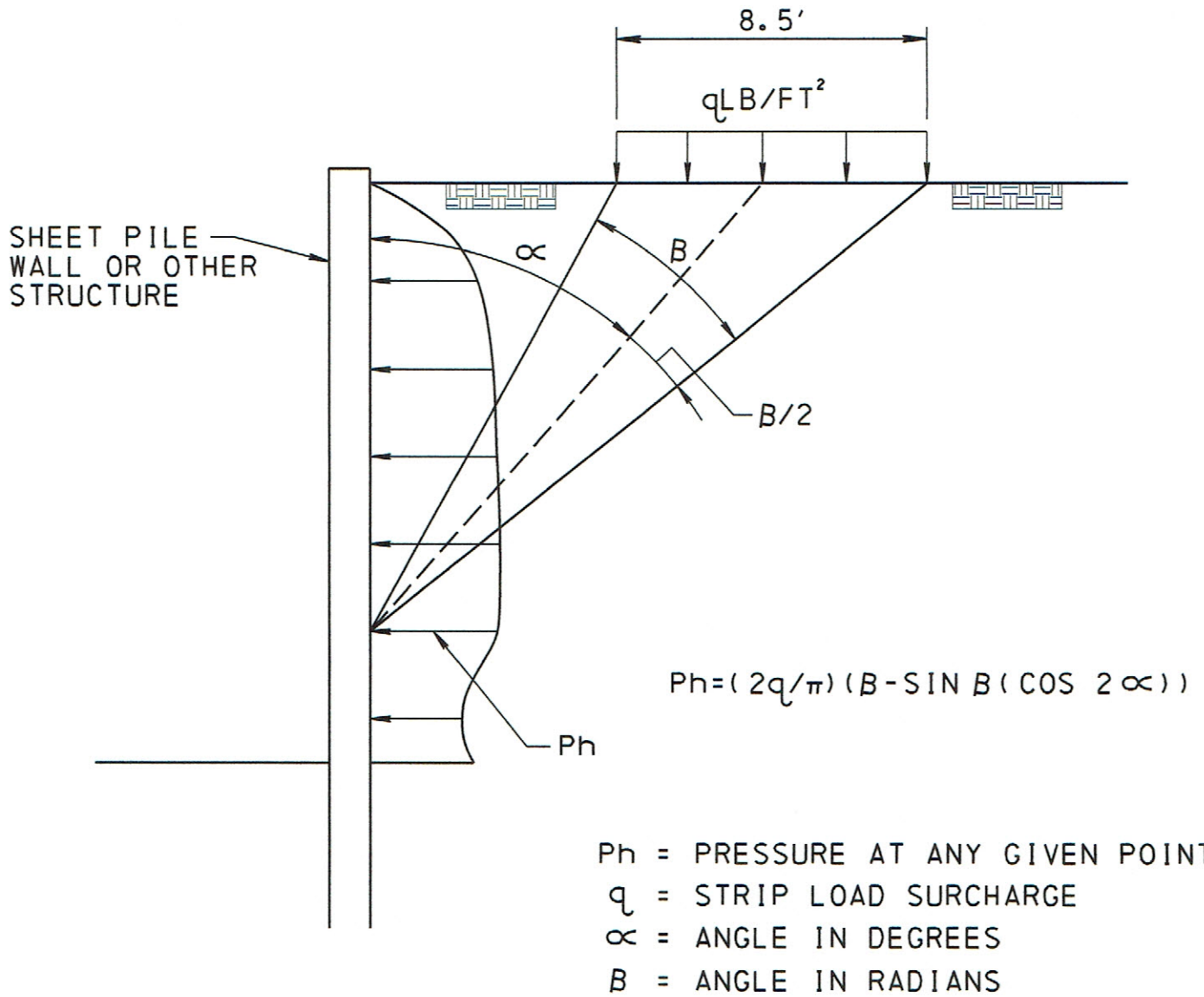
CASING TYPE - HOLLOW STEM AUGER

SHEET 1 OF 1

DEPTH	SAMPLE DEPTH	SAMPLE NUMBER	C	SAMPLE DRIVE RECORD PER 6"	N	DESCRIPTION OF MATERIAL	STRATA CHANGE DEPTH
5.0	0.0' -	1		6/14		BROWN MOIST MEDIUM DENSE FINE TO COARSE SAND AND FINE TO MEDIUM GRAVEL, LITTLE SILT	
	2.0'			14/19	28		
	2.0' -	2		9/15			
	4.0'			15/23	30		
6.0	4.0' -	3		17/18		BROWN MOIST STIFF SILT	6.0'
	6.0'			11/21	29		
10.0	6.0' -	4		9/6		BROWN MOIST VERY STIFF SILT, LITTLE FINE TO COARSE SAND, LITTLE FINE GRAVEL	8.5'
	8.0'			5/7	11		
	8.0' -	5		10/12			
	10.0'			11/11	23		
15.0	10.0' -	6		12/11		GRAY DRY HARD SILTY WEATHERED SHALE TOP OF ROCK	12.5'
	11.3'			50-.3'			
20.0	15.0' -	R-1 REC	BX CORE			GRAY WEATHERED STEEPLY BEDDED SHALE	15.0'
	20.0'		46"	77%			
						BOTTOM OF BORING	20.0'



LATERAL PRESSURE DIAGRAM



ELEVATION

LATERAL PRESSURE DUE TO STRIP LOAD