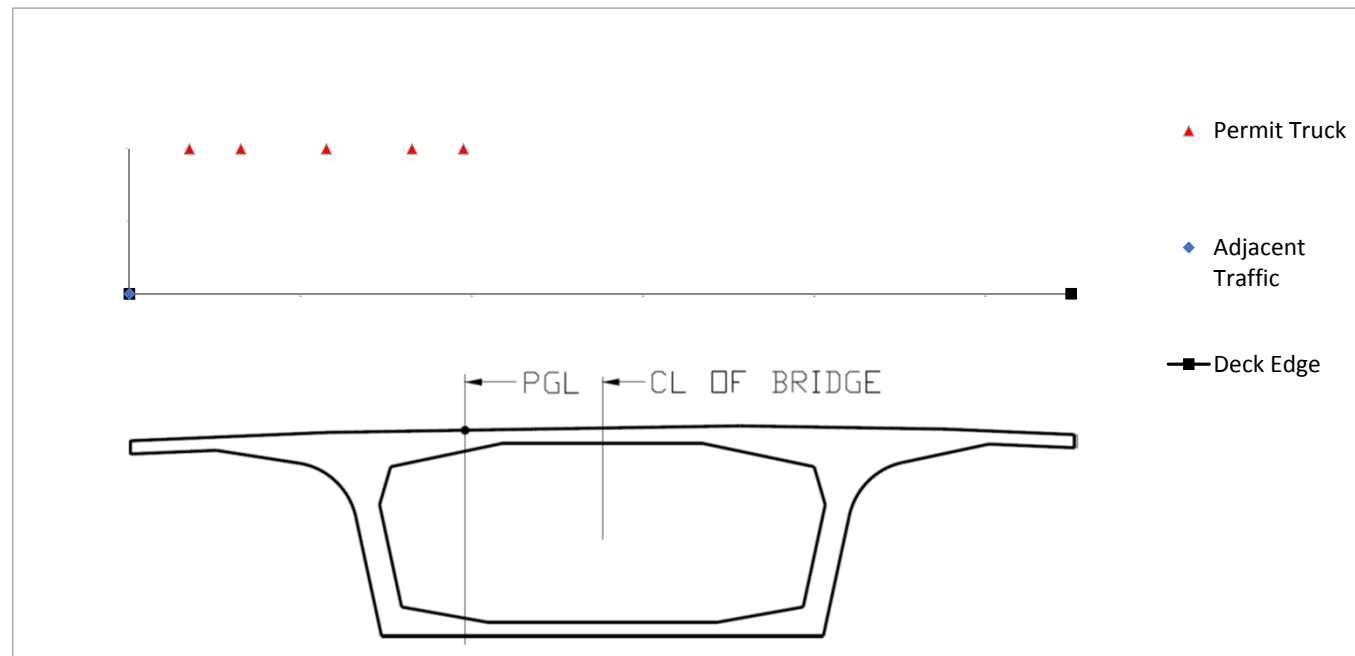


Project: Jeremiah Morrow Bridge

Rating Type: Permit Truck without adjacent normal traffic

Load Rating Performed on: 4/10/2018 16:10

No of Axles of Permit Vehicles = 8 axles
 Total wheel load for permit vehicle = 550 kips
 Rating Factor = **1.45** Good



Wheel load definition for user-defined vehicle

Distance of Left most wheel of current HS25 to right most wheel of Permit Truck	N/A	Distance from the first Left most wheel load of current HS25 truck to last right most wheel load of permit truck. For no current load, set to be "N/A"
D_pgl - Distance from PGL (for permit truck)	-16.00 ft	this is the left most wheel (A) of Permit Truck - away from traffic direction, positive is to the right

Da - axis position		0.00 ft	6.00 ft	16.00 ft	26.00 ft	36.00 ft	46.00 ft	56.00 ft	66.00 ft																	
Dw - wheel position		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
0.00 ft	A	5.0 kips	15.0 kips	15.0 kips	15.0 kips	15.0 kips	15.0 kips	15.0 kips	15.0 kips																	
3.00 ft	B	5.0 kips	15.0 kips	15.0 kips	15.0 kips	15.0 kips	15.0 kips	15.0 kips	15.0 kips																	
8.00 ft	C	5.0 kips	15.0 kips	15.0 kips	15.0 kips	15.0 kips	15.0 kips	15.0 kips	15.0 kips																	
13.00 ft	D	5.0 kips	15.0 kips	15.0 kips	15.0 kips	15.0 kips	15.0 kips	15.0 kips	15.0 kips																	
16.00 ft	E	5.0 kips	15.0 kips	15.0 kips	15.0 kips	15.0 kips	15.0 kips	15.0 kips	15.0 kips																	
	F																									
	G																									
	H																									

Permit Evaluation is performed using operating criteria

User Input	Factor	
IMPACT, long =	0.15	note: only specify impact for permit load case for standard vehicle, impact is calculated as per AASHTO for longitudinal, always 0.3 for transverse
IMPACT, trans =	0.3	
FUTURE WEARING SURFACE (lb/ft ²)=	0	
TO FIND INVENTORY RATING, INPUT '1'	Rating type	
TO FIND OPERATING RATING INPUT '2'	3	Permit Evaluation
TO FIND PERMIT EVALUATION, INPUT '3'		
FOR INVENTORY OR OPERATING RATING, ENTER THE NUMBER OF LANES LOADED	1	Number of lanes loaded must be 1 for permit
NUMBER OF LANE OF ADJACENT NORMAL TRAFFIC CURRENT WITH PERMIT TRUCK	0	("0" for Inventory & Operating Rating as well as no current load with permit truck. "1" for one lane of current load with permit truck) Permit Truck without adjacent normal traffic