

BIG SCORE calculation as of 06/06/2025

Here are the five different calculations that comprise of the BIG Score:

1. **Bridge Condition (50 pts max)**

a. **Posting (NBI Item B.LR.07)**

Load Posting	
Controlling Legal Load Rating Factor (B.LR.07)	Ranking Points
Greater than or equal to 1	0
0.91-0.99	6
0.81-0.90	12
0.71-0.80	18
0.61-0.70	24
<0.60	28

b. **Substructure Condition (NBI Item B.C.03)**

- i. If Item B.C.03 > 5 or = N, then 0 pts
- ii. If Item B.C.03 = 5, then 1 pts
- iii. If Item B.C.03 = 4, then 2 pts
- iv. If Item B.C.03 = 3, then 3 pts
- v. If Item B.C.03 = 2, then 4 pts
- vi. If Item B.C.03 = 1, then 5 pts
- vii. If Item B.C.03 = 0, then 6 pts

c. **Superstructure Condition (NBI Item B.C.02)**

- i. If Item B.C.02 > 5 or = N, then 0 pts
- ii. If Item B.C.02 = 5, then 1 pts
- iii. If Item B.C.02 = 4, then 2 pts
- iv. If Item B.C.02 = 3, then 3 pts
- v. If Item B.C.02 = 2, then 4 pts
- vi. If Item B.C.02 = 1, then 5 pts
- vii. If Item B.C.02 = 0, then 6 pts

d. **Culvert Condition (NBI Item B.C.04)**

- i. If Item B.C.04 > 5 or = N, then 0 pts
- ii. If Item B.C.04 = 5, then 2 pts
- iii. If Item B.C.04 = 4, then 4 pts
- iv. If Item B.C.04 = 3, then 6 pts
- v. If Item B.C.04 = 2, then 8 pts
- vi. If Item B.C.04 = 1, then 10 pts
- vii. If Item B.C.04 = 0, then 12 pts

e. **NSTM** – If NBI Item B.IR.01 = N, then 0 pts. If Y, then 5 pts

f. **Scour Critical** – If Item B.AP.03 = 0, A, E, then 0 pts, else 5 pts

2. **User Impact (20 points max.)**

a. If Item FA Route = 00000, then

- i. Item B.H.09 x Item B.H.17 (in miles) /100

b. If Item FA Route > 0, then

- i. Item B.H.09 x Item B.H.17 (in miles) /350

3. **Local Planning (30 points max.)**
 - a. **Wheel Tax** – Value can range from \$0.01 to \$5 per wheel
 - i. If Wheel Tax = 5, then 10 pts
 - ii. If Wheel Tax > \$0.99, then 2 x value pts
 - iii. If Wheel Tax < \$1, then 0 pts
 - b. **Bid Ready** – The default score = 0 pts, bid ready application = 10pts
 - c. **LPA Financial Commitment (10 points max.)** –The default score = 0 pts
4. **Adjusted score**
 - a. If Item B.CL.01 = L01 County Hwy Agency, then BIG = 1+2+3
 - b. If Item B.CL.01 = L02 Town/Township Hwy Ag, then BIG = (1+2+3)/90
 - c. If Item B.CL.01 = L03 City/Municipal Hwy Ag, then BIG = (1+2+3)/90