

BIG SCORE calculation as of 06/08/2021

Two conditions are required to receive a BIG Score:

- 1) Sufficiency Rating (Item SRB) < 61 and
- 2) SD/FO Status = S

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

1. Bridge Condition (50 pts max)
 - a. Posting (NBI Item 70)
 - i. If Item 70 = 5, then 0 pts
 - ii. If Item 70 = 4, then 6 pts
 - iii. If Item 70 = 3, then 12 pts
 - iv. If Item 70 = 2, then 18 pts
 - v. If Item 70 = 1, then 24 pts
 - vi. If Item 70 = 0, then 28 pts
 - b. Substructure (NBI Item 60)
 - i. If Item 60 > 5 or = N, then 0 pts
 - ii. If Item 60 = 5, then 1 pts
 - iii. If Item 60 = 4, then 2 pts
 - iv. If Item 60 = 3, then 3 pts
 - v. If Item 60 = 2, then 4 pts
 - vi. If Item 60 = 1, then 5 pts
 - vii. If Item 60 = 0, then 6 pts
 - c. Superstructure Condition
 - i. If Item 59 > 5 or = N, then 0 pts
 - ii. If Item 59 = 5, then 1 pts
 - iii. If Item 59 = 4, then 2 pts
 - iv. If Item 59 = 3, then 3 pts
 - v. If Item 59 = 2, then 4 pts
 - vi. If Item 59 = 1, then 5 pts
 - vii. If Item 59 = 0, then 6 pts
 - d. Culvert Condition
 - i. If Item 62 > 5 or = N, then 0 pts
 - ii. If Item 62 = 5, then 2 pts
 - iii. If Item 62 = 4, then 4 pts
 - iv. If Item 62 = 3, then 6 pts
 - v. If Item 62 = 2, then 8 pts
 - vi. If Item 62 = 1, then 10 pts
 - vii. If Item 62 = 0, then 12 pts
 - e. Fracture Critical – If Fracture Critical Details = No FC Details, then 0 pts, else 5 pts
 - f. Scour Critical – If Item 113 = N or > 3, then 0 pts, else 5 pts
 - ~~g. Emergency – The default score = 0 pts – note that this is one that we can override upon an emergency declaration~~
 - ~~h. Sufficiency Rating as tie breaker = (100 - suff rate)/100 (Removed 06-08-2021)~~
2. User Impact (20 points max.)
 - a. If Item 005D = 00000, then
 - i. Item 29 x Item 19 (in miles) /100
 - b. If Item 005D > 0, then

- i. $\text{Item 29} \times \text{Item 19 (in miles)} / 350$
- 3. Local Planning (30 points max.)
 - a. Wheel Tax – Will require a field for us to record what the County wheel tax is 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 – note that this is one that we can override upon a bid ready declared on application
 - c. **LPA Financial Commitment (10 points max.)** – The default score = 0 pts – this is also one that we can override upon application as it is optional points a local government can get if they elect to provide greater than a 20% match
- 4. Adjusted score
 - a. If Item 22 = 2 County Hwy Agency, then $\text{BIG} = 1+2+3$ Remove the +4 from each of a., b., c.
 - b. If Item 22 = 3 Town/Township Hwy Ag, then $\text{BIG} = (1+2+3)/90$
 - c. If Item 22 = 4 City/Municipal Hwy Ag, then $\text{BIG} = (1+2+3)/90$