



ROUTE 151- ROCKFISH VALLEY HWY

CORRIDOR IMPROVEMENT STUDY

SURVEY REVIEW & SMART SCALE DISCUSSION

Nelson County, VA

February 1, 2023



ROUTE 151 PUBLIC SURVEY #2 RECAP

- Ran from December 7, 2023 – January 2, 2024
- Each concept listed with description & sketch with opportunity to rate on a scale of 1-5 and add any additional comments
- Received 829 Responses

Rate the concept from a scale of 1 to 5 using the slider. (1 being least preferred 5 being most preferred)



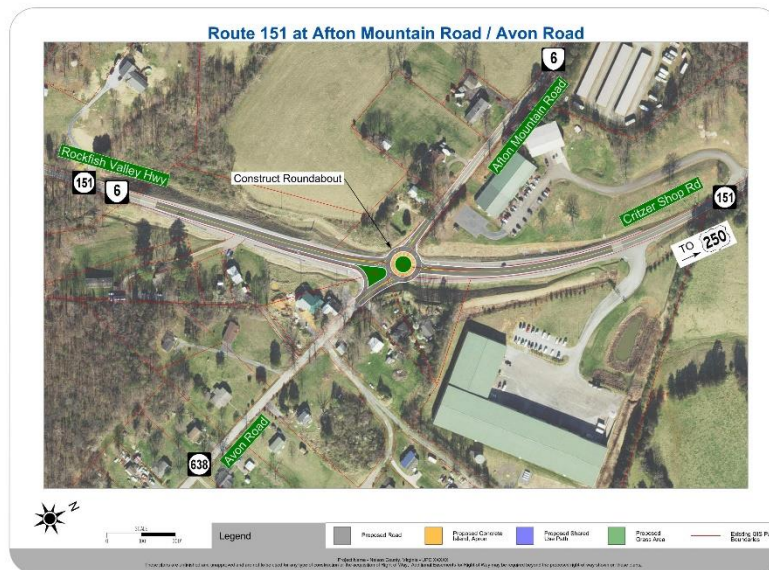
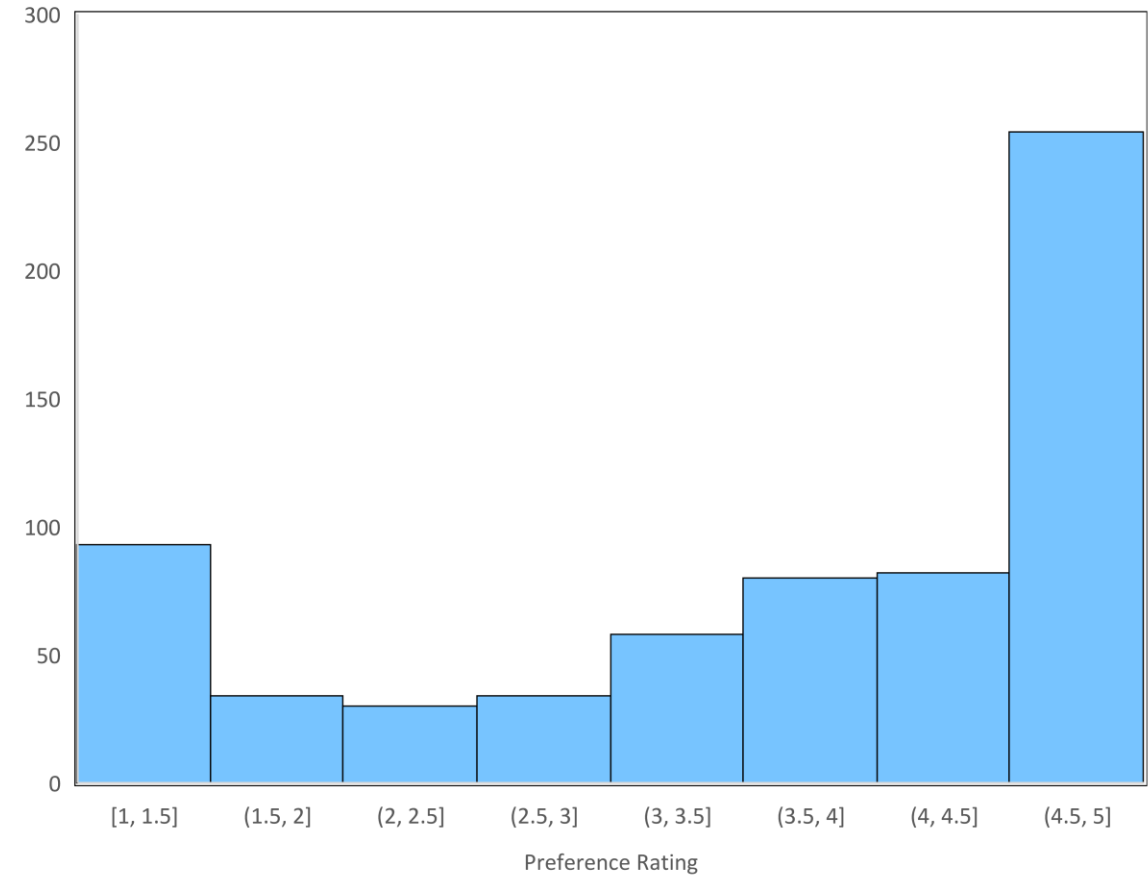
Concept	Average Ranking
Route 151/Avon Rd & Afton Mountain Road – Roundabout	3.61
Route 151/Tanbark Drive – New Turn Lanes and Sight Distance Improvements	3.76
Route 151/Tanbark Drive – Roundabout	3.33
Route 151/Mill Ln – Northbound Left-Turn Lane	3.93
Route 151/Greenfield Rd – Advance Warning Signs	3.92
Route 151/Rockfish School Ln. – Additional Right-Turn Lanes	4.12
Rte. 151/Nellysford – Shared-Use Path	3.79
Rte. 151/Nellysford – Shared-Use Path & Traffic Calming	3.75
Rte. 151/Glenthorne Loop & Spruce Creek Lane	3.91



ROUTE 151/AVON RD & AFTON MOUNTAIN ROAD – ROUNDABOUT

- Average Ranking = 3.61
- Many think this improvement is better than the current intersection design but does not seem as critical as in other locations
- Polarized view on roundabouts but many seem to like it along the corridor

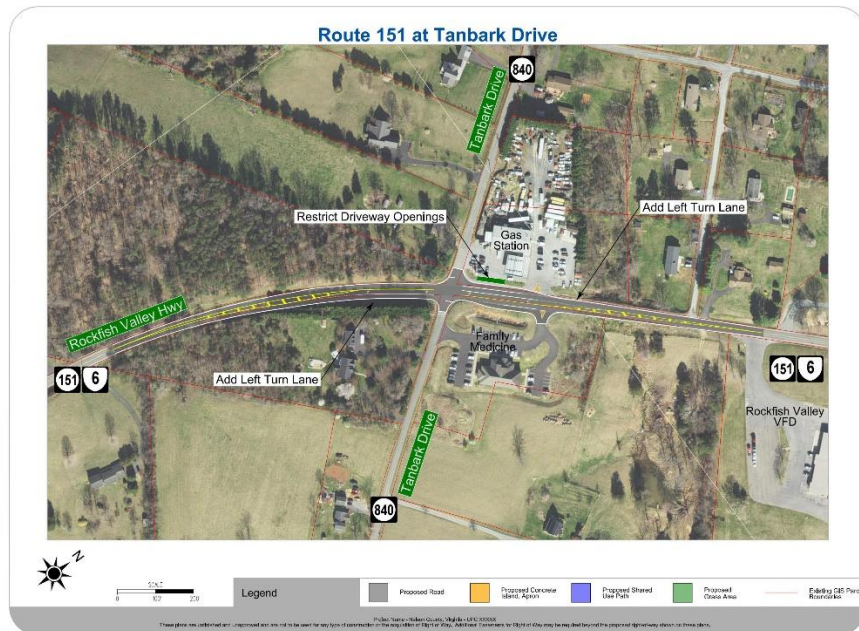
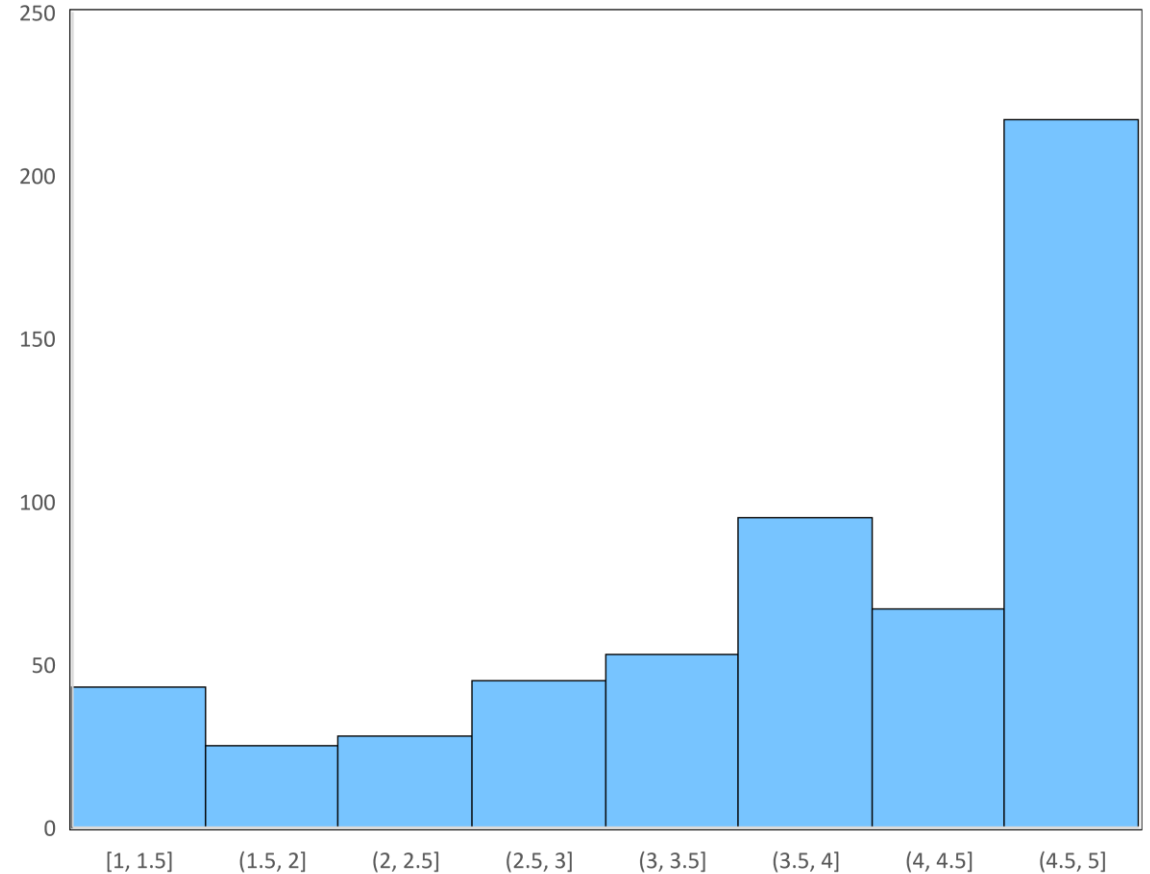
Preference of Afton Rd Roundabout Alternative (n=665)



ROUTE 151/TANBARK DRIVE – NEW TURN LANES AND SIGHT DISTANCE IMPROVEMENTS

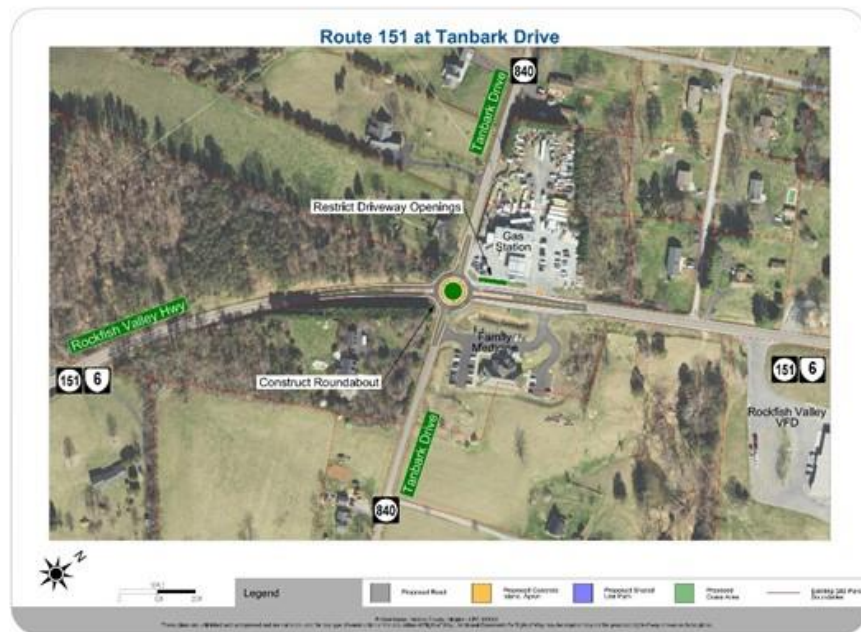
- Average Ranking = 3.76
- Some concerned turn lanes won't improve safety
- Comments point towards preference for roundabout

Preference of Tanbark Turn Lane Alternative (n=573)

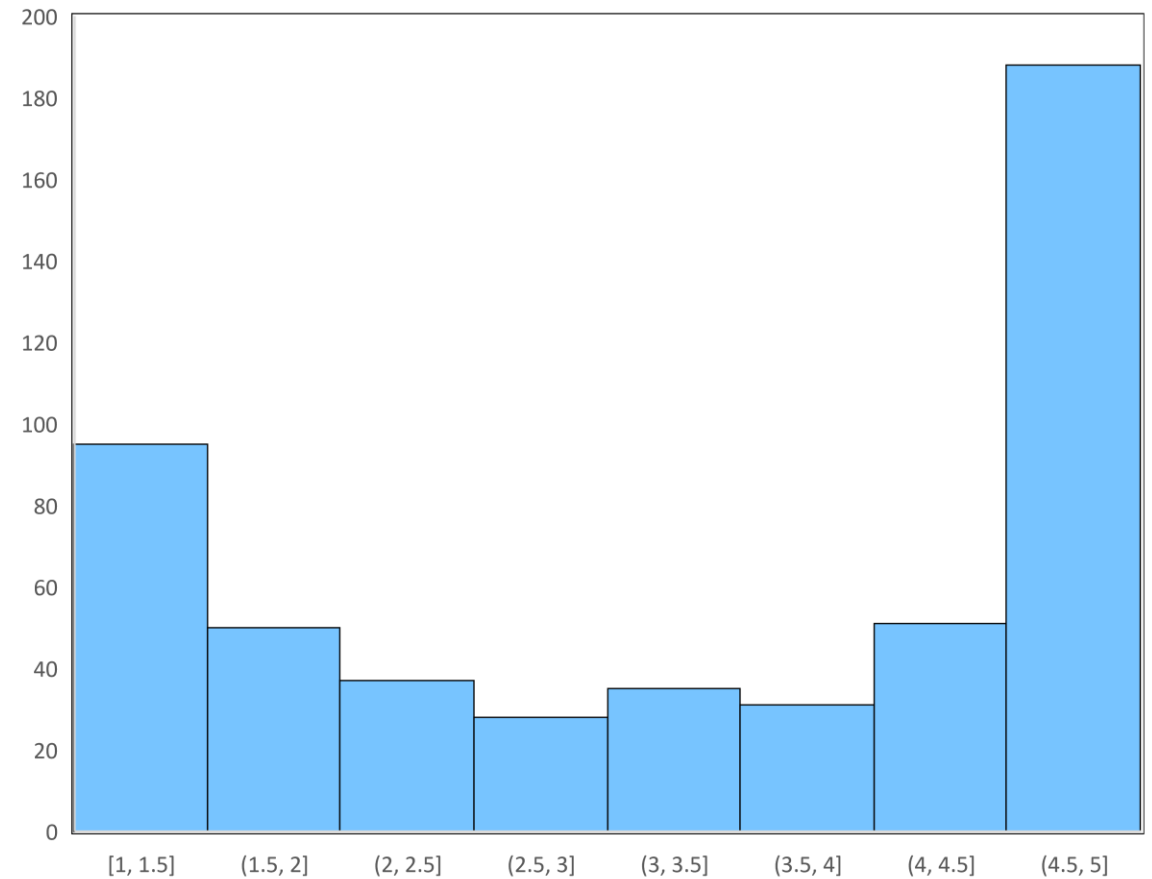


ROUTE 151/TANBARK DRIVE – ROUNDABOUT

- Average Ranking = 3.33
- Polarizing views on roundabouts



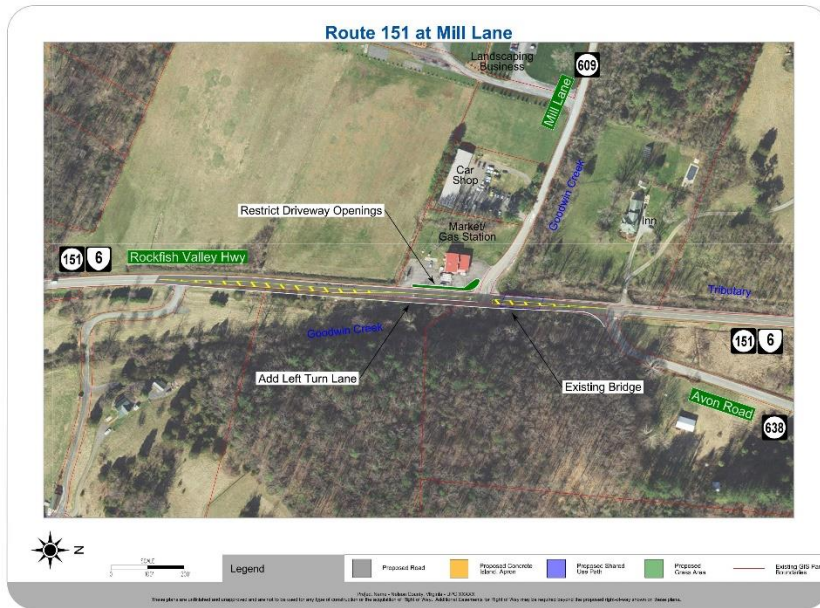
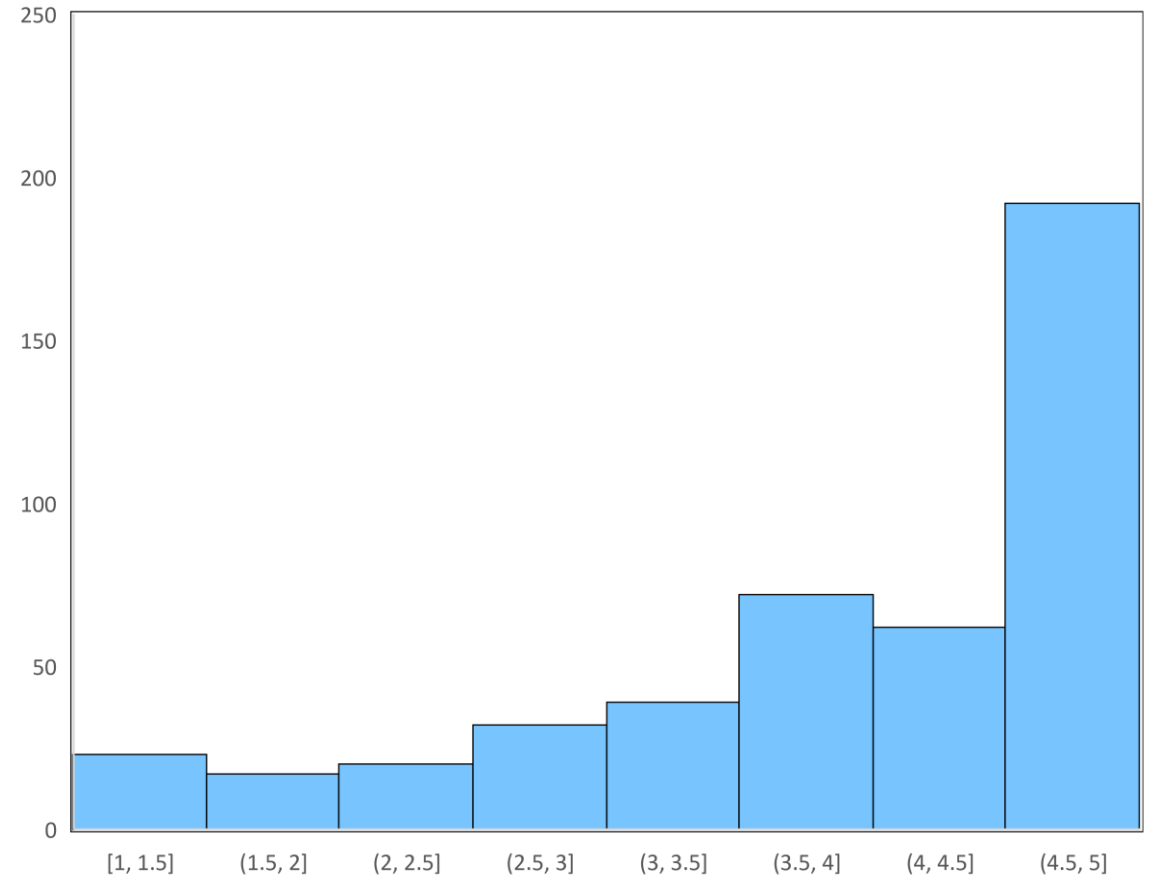
Preference of Tanbark Roundabout Alternative (n=515)



ROUTE 151/MILL LN – NORTHBOUND LEFT-TURN LANE

- Average Ranking = 3.93
- Many agree this is much needed
- Continues to be major concerns about the speeding in this area

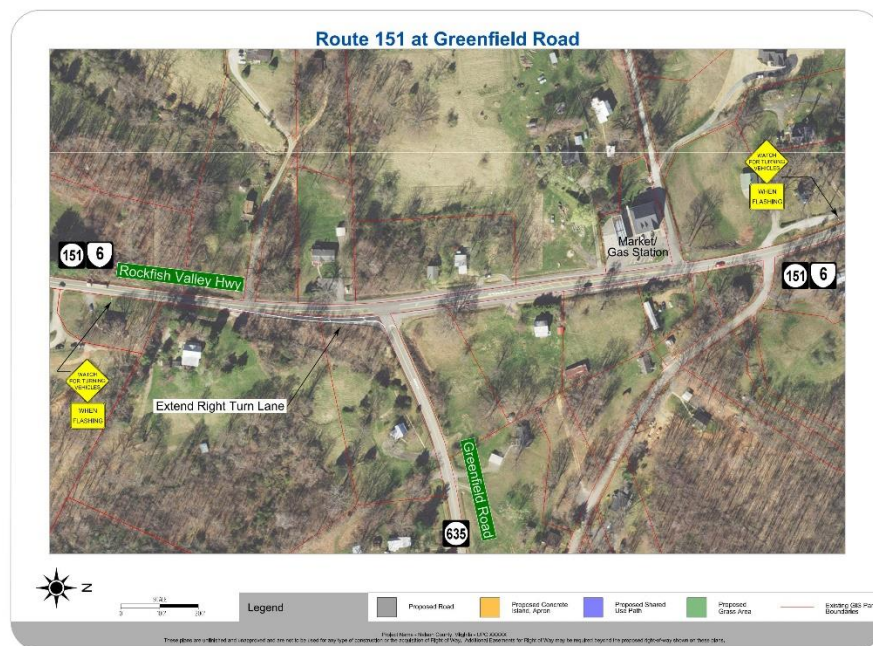
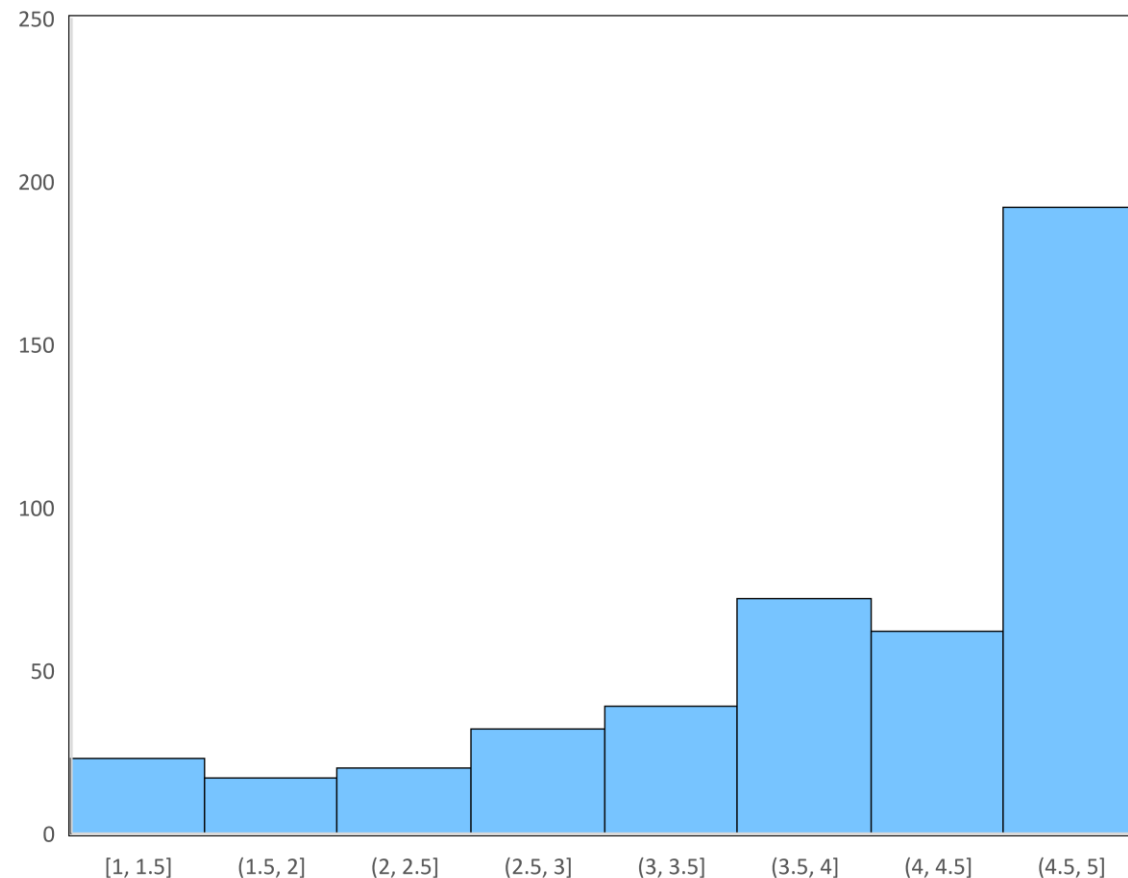
Preference of Mill Lane Turn Lane Alternative (n=457)



ROUTE 151/GREENFIELD RD – ADVANCE WARNING SIGNS

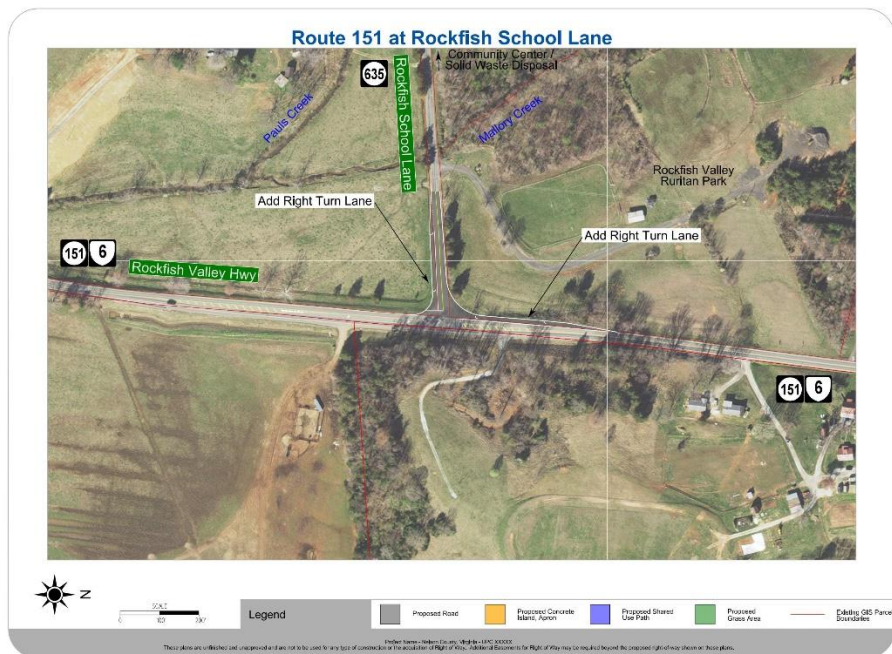
- Average Ranking = 3.92
- Many think that the lighting on the signs is helpful
- Main concern remains sight distance into Ashley's Market with the speed of vehicles. Some would like turn lanes

Preference of Greenfield Rd Alternative (n=457)

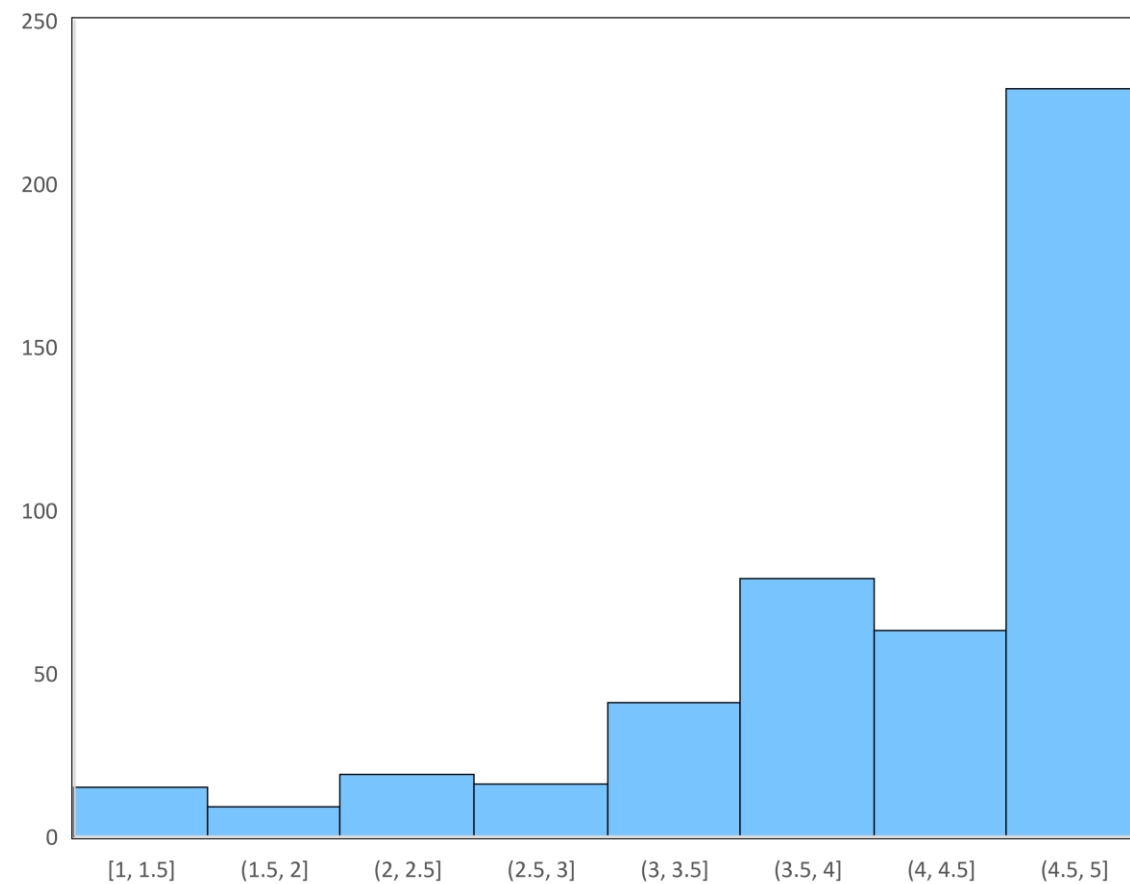


ROUTE 151/ROCKFISH SCHOOL LN. – ADDITIONAL RIGHT-TURN LANES

- Average Ranking = 4.12
- Many believe turn lanes would be helpful
- Largest concern is left turns from Rockfish School Ln



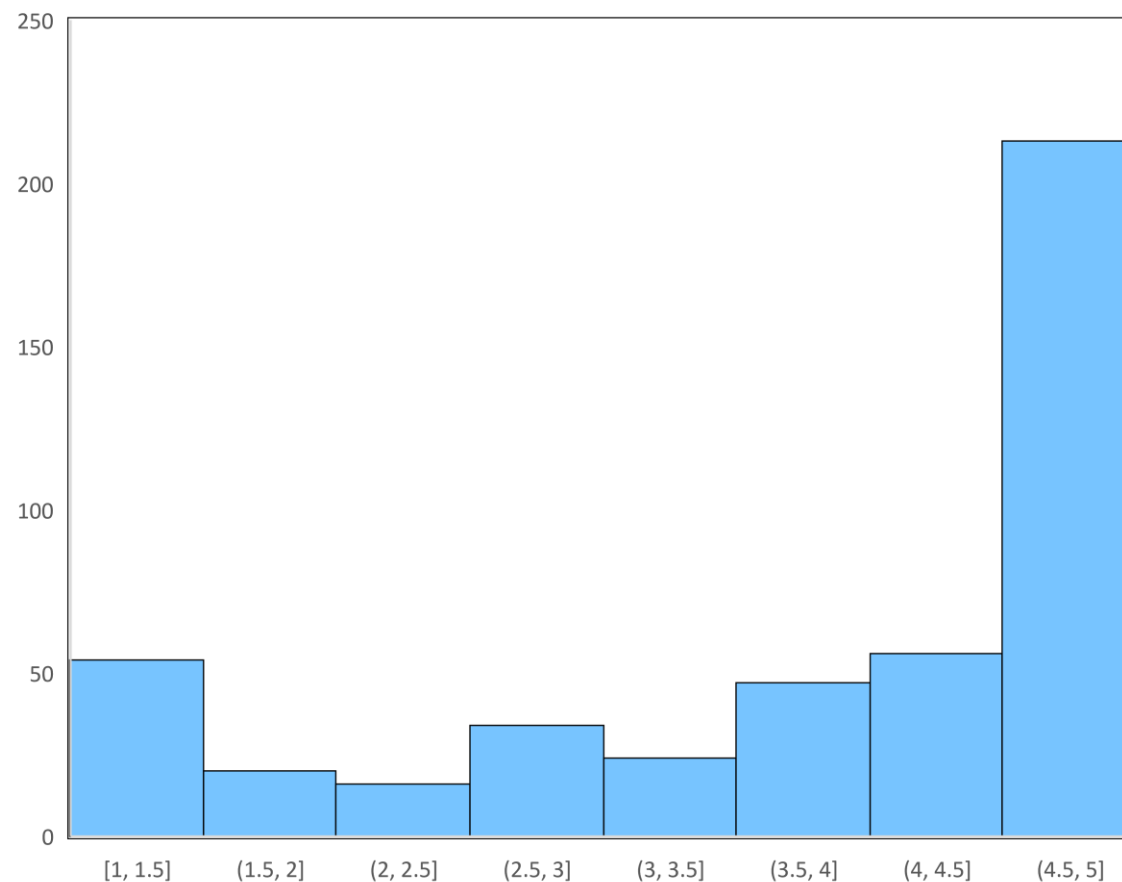
Preference of Rockfish School Ln Turn Lane Alternative (n=471)



RTE. 151/NELLYSFORD – SHARED-USE PATH

- Average Ranking = 3.79
- There is interest in it but many doubt that there would be much use
- Many who support it believe there should be a shared use path along the entire corridor

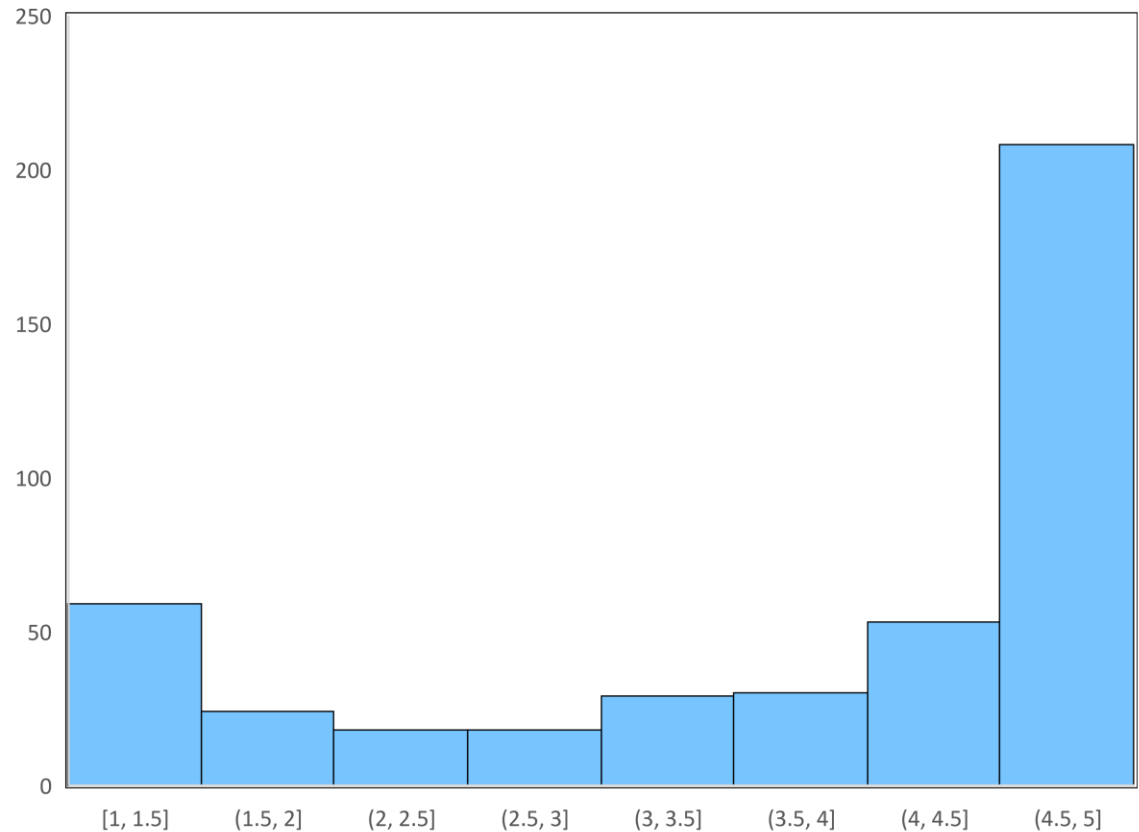
Preference of Nellysford Shared Use Path Alternative (n=464)



RTE. 151/NELLYSFORD – SHARED-USE PATH & TRAFFIC CALMING

- Average Ranking = 3.75
- There is interest in the traffic calming effects
- Nobody seems to see crossings at Adial but think crosswalk would be beneficial further south

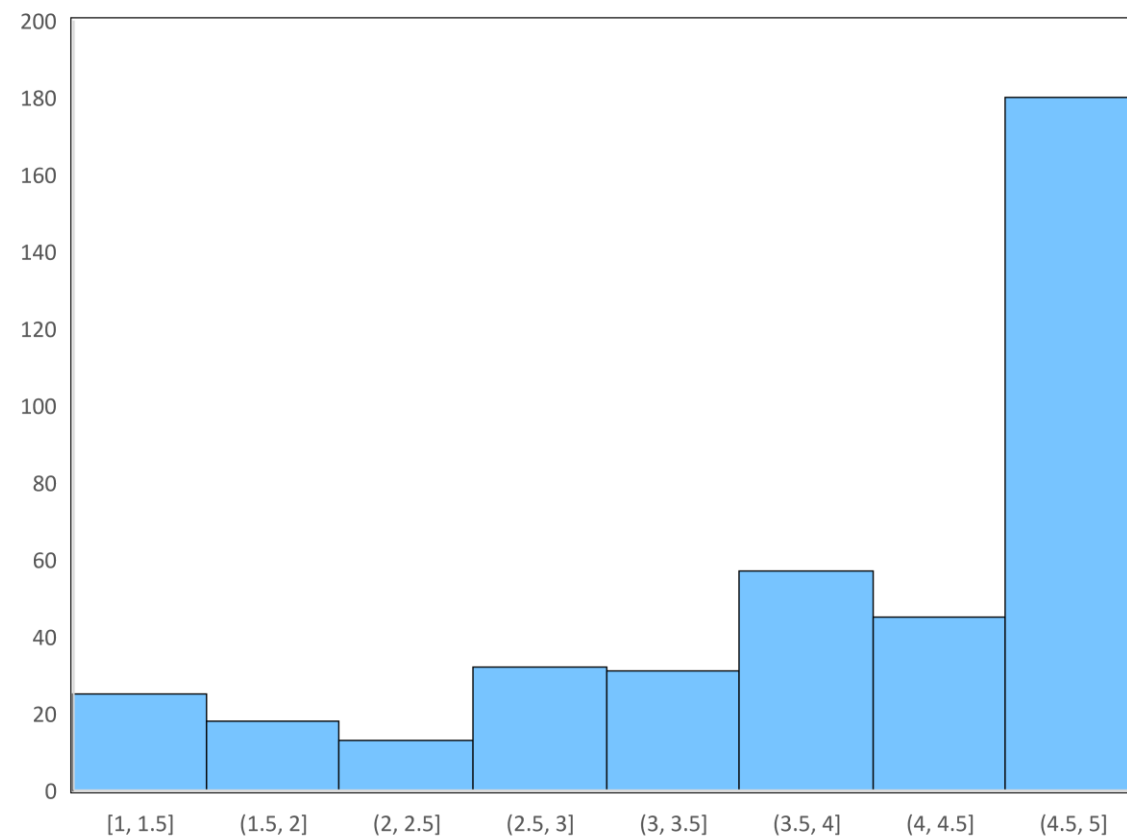
Preference of Nellysford Shared Use Path & Traffic Calming Alternative (n=439)



RTE. 151/GLENTHORNE LOOP & SPRUCE CREEK LANE

- Average Ranking = 3.91
- Signage exists already but flashing may be beneficial

Preference of Glenthorne Loop & Spruce Creek Lane Alternative
(n=401)



OVERALL COMMENTS

- **Main concerns continue to be speeding (particularly Nellysford) and tractor trailers**
- **Increase shoulders where possible**
- **Consider a greenway throughout entire corridor**
- **Many citizens hope for future studies done north of current limits (outside of Nelson County)**



SMART SCALE DISCUSSION

- ***Notes Pending***



PRESENTATION TITLE

NEXT STEPS

- **Refine project alternatives**
- **Select project(s) to advance for Smart Scale applications**
- **Produce detailed concept sketches and estimates**
- **Study Report**

