



SMART SCALE ROUND 4

Madison County Board of Supervisor Meeting

 Charles Proctor and Kobina Gaituah

Madison County

Route 230 & Route 687 (Pratts) Intersection Improvements

Crash Summary

- 11 Crashes 2014 – 2018
- 5 Injury Crashes
- 9 Angle Crashes

Recommended Alternative: Roundabout

- Lowers number of conflict points (48 to 8)
- Provides Highest Crash Reduction (82%)

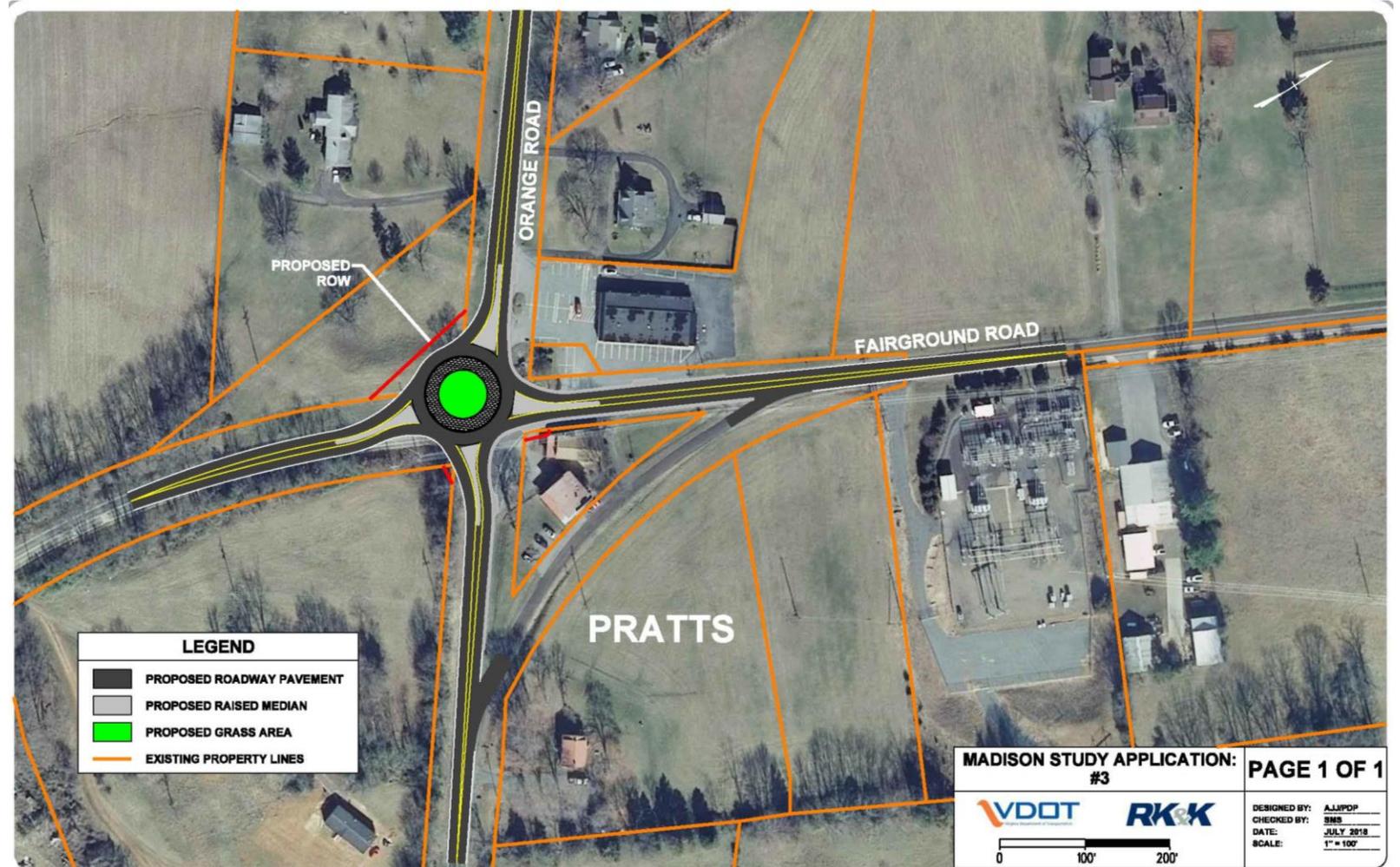


Madison County

Route 230 & Route 687 (Pratts) Intersection Improvements (cont.)

Shown is the original concept from the RKK Study

- Stormwater Management Facility was not shown;
- The geometry of the roundabout is not adequate for larger vehicle types;
- Approaches curves are not adequately developed to reduce speeds

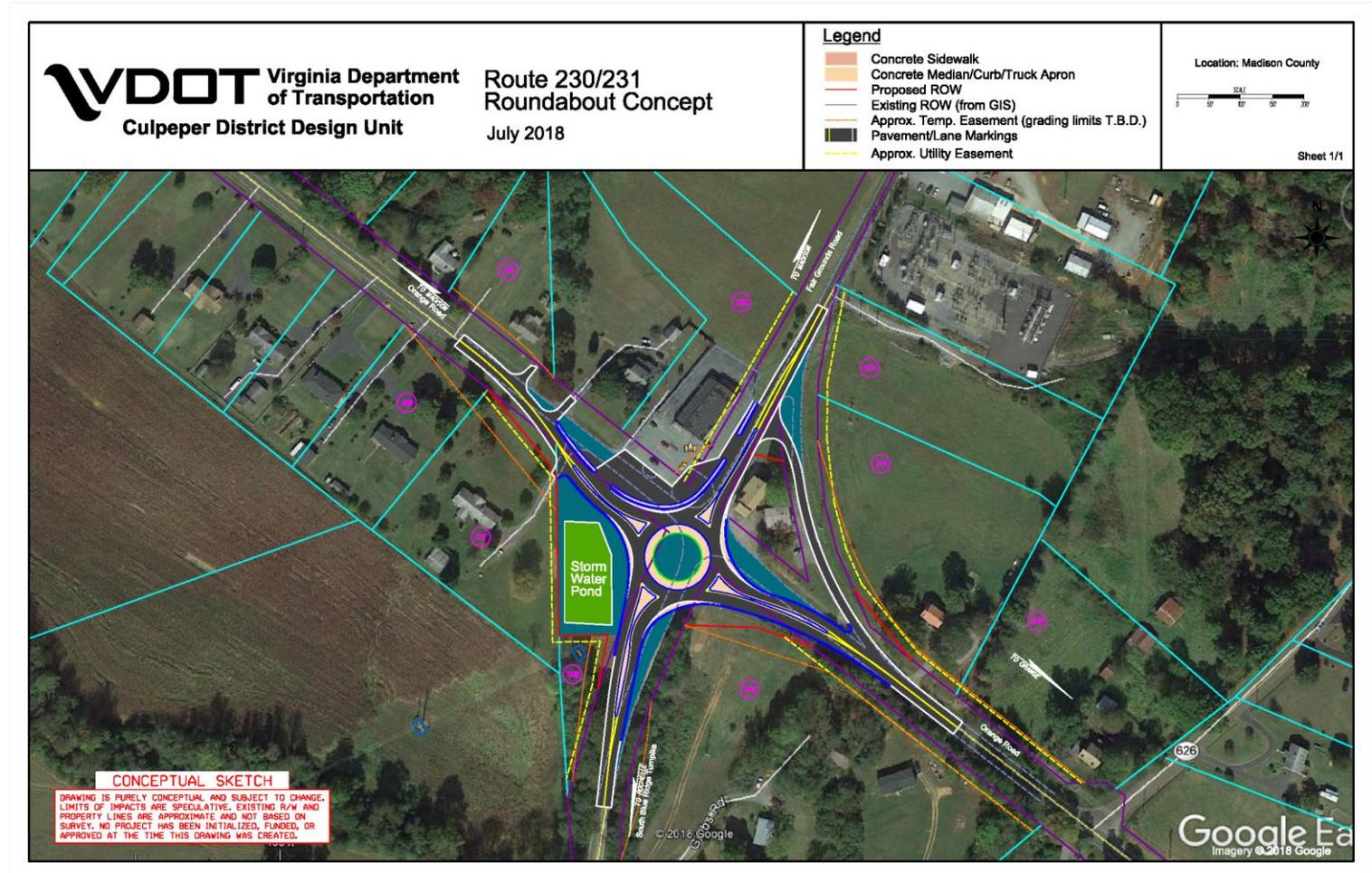


Madison County

Route 230 & Route 687 (Pratts) Intersection Improvements (cont.)

Shown is the concept sketch developed by VDOT for the Round 3 Application

- 11 Parcel Impacted
- Requires outside truck aprons
- RW concerns with the William H Hale III Parcel due to unknown well & septic locations and access/parking restrictions.

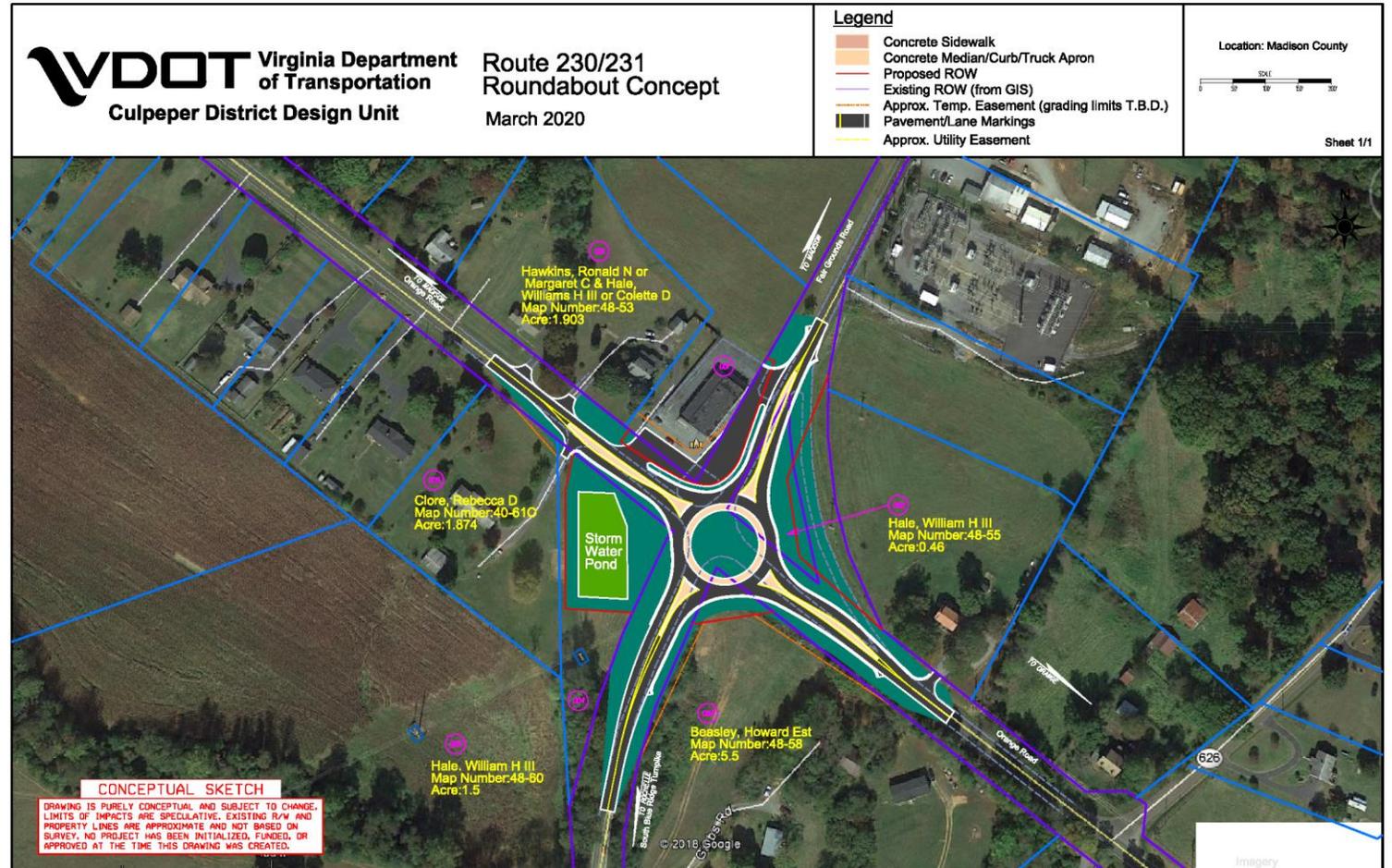


Madison County

Route 230 & Route 687 (Pratts) Intersection Improvements (cont.)

Shown is the revised concept proposed for this round of Smart Scale

- 5 Parcels are impacted including one total take (Parcel 48-55);
- Reduces the impacts on 4 of the 5 parcels affected;
- Eliminates the slip lane adjacent to Parcel 48-55;
- Eliminates the outside truck aprons;
- Reduces the Right of Way risk surrounding Parcel 48-55.



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Route 230 & Route 687 (Pratts) Intersection Improvements (cont.)

- The SMART Scale pre-application was submitted for this project by County staff. This does not obligate the County to move forward any further in the application process.
- Based on the VDOT review of the concept, we are recommending the revised concept be submitted for this application.
- To assist the County with this process we requesting comments on the recommended scenario before moving forward with finalizing the concept sketch and cost estimate.
- The final submission date is August 3rd. As part of the submission a resolution support for the project from the Board of Supervisor is required.

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Route 230 & Route 687 (Pratts) Intersection Improvements (cont.)

Questions