

## **JOHN R, NORTH OF SOUTH BLVD - SUGGESTED PROJECT SCOPE SUMMARY**

Based on a review of the site and the existing project plans, the following scope of work is suggested to provide improvements on the north side of the South Blvd intersection. The suggested scope of work will provide improvements to John R within the City of Rochester Hills which will improve traffic operations, drainage, and pedestrian facilities as outlined below:

- Update the roadway design to include improvements to the north leg of the South Blvd intersection including the following:
  - Addition of a southbound right turn lane between the M-59 bridge and South Blvd.
  - Inclusion of the plans for the enclosure of the open portion of the Van Meale Drain including replacement of the roadway approach on the north leg of the intersection.
  - Extension of the shared-use path from its current ending point near M-59 southerly to South Blvd.
  - Addition of ADA ramps in the northeast and northwest quadrants of the intersection.
- Evaluation of the addition of a northbound widening and taper to accommodate the planned widening of John R south of South Blvd. This would include a geometric analysis, traffic analysis and cost estimate for the proposed widening. If it is determined to include this work in the project, an amendment for the design of this work will be prepared and submitted for approval.
- Update the traffic signal design at the intersection of South Blvd to accommodate the revised geometry north of South Blvd, which would also include staging design.
- Provide additional topographic survey to incorporate the proposed changes north of South Blvd, approximately 400 feet of additional topo will be needed beyond the current topographic mapping limits.
- Perform an analysis for the replacement of the right turn taper at the driveway to the office building at the northeast corner of Square Lake and John R.
- Update the storm sewer outlet at South Blvd to tap directly into the enclosed drain to be included with the South Blvd intersection work.