



## Horizontal Curve “Ball Bank” Study



### Service Provided

MasterMind will drive each route inventorying and inspecting each curve and curve related traffic sign. MasterMind performs the Horizontal Curve analysis per the Manual of Uniform Traffic Control Devices (MUTCD) specifications, which will put your Agency in compliance with the December 31, 2019 FHWA Horizontal Alignment Warning Sign deadline.



### Software

The Horizontal Curve study is available with the MasterMind CurveMaster™ software module. All curve sign and curve information will be loaded into the CurveMaster™ software upon delivery. This ensures all information to be concise and uniform throughout the study. Customizable reports can be generated with the CurveMaster™ software module.



### Reports

- Curve Graphical Report
  - Control Points
  - Begin & End of each Curve
  - Curve Safe Speeds
  - Proposed Sign Locations
- Curve Work Report
  - Existing Curve Signs
  - Identifies Work for each sign
- Curve Totals - Totaled by Safe Speed
- Signs needed - Totaled by Sign Code
- Signs to be Removed - Totals by Sign Code



### Benefits

- Utilize Curve sign resources more effectively to reduce labor costs
- Accurate Curve Inventory & Reporting including: Curve Safe Speeds
- Ensure Curves are correctly signed
- Develop a prioritized Curve Sign upgrade plan
- GIS based color coded Curve mapping based on Safe Speed
- Use work order reports to quickly initiate In-Field work
- Keep accurate and up-to-date maintenance records for all of your Curve related signage