To:	CRCOG Cost Review Sub-Committee
	CRCOG Transportation Committee
From:	Roger Krahn, Principal Transportation Engineer
Date:	March 10, 2023
Subject:	Regional Roundabout Screening – Progress Update

A presentation of the progress on CRCOG's Regional Roundabout Screening will be given at the Cost Review Sub-Committee Meeting scheduled for 11:00am on March 20, 2023.

The purpose of the Screening is to identify locations of intersections in our region, on both state and locally owned roadways, that are best suited for conversion to a single lane roundabout, with a primary goal of reducing serious crashes. CRCOG staff has been working with the consulting firm VHB on this effort. The presentation on the progress to date will include a review of the following items, which are posted on the CRCOG website at https://crcog.org/event/cost-review-sub-committee-meeting-18/.

- **Screening Methodology Memorandum, 6/24/2022**
  This explains how crash data, average daily traffic volume, and right-of-way impact would be used to compute a score for each intersection location.

- **Roundabout Screening Ranked Locations, 3/9/2023**

  - **Top Ranked 100 Locations, 6 pages**
    This list includes the top 100 locations resulting from the scoring analysis.

  - **Municipal Top 3 Ranked Locations, 4 pages**
    Some municipalities did not have any locations in the top 100. Therefore, this list was prepared showing the locations with the top three highest scores in each municipality.

  - **Municipal Suggested Locations, 5 pages**
    Following a presentation on the Roundabout Screening to the Transportation Committee on November 15, 2021, CRCOG staff requested that municipalities submit their suggestions for strong candidate locations for roundabouts. This list includes all locations received in response to that request.

  - **Top Ranked 100 Locations, 4 pages**
    This list includes the same 100 locations as above but also includes score/ranking calculation details. It shows the crash score, ADT Factor, and Geometric Factor for each location. These factors were used to calculate the Crash, Volume, Right-of-Way (CRV) score.

Andover | Avon | Berlin | Bloomfield | Bolton | Canton | Columbia | Coventry | East Granby | East Hartford
East Windsor | Ellington | Enfield | Farmington | Glastonbury | Granby | Hartford | Hebron | Manchester | Mansfield
Marlborough | New Britain | Newington | Plainville | Rocky Hill | Simsbury | South Windsor | Southington | Stafford
Suffield | Somers | Tolland | Vernon | West Hartford | Wethersfield | Willington | Windsor | Windsor Locks