Rapid Needs Assessment

AKA Windshield Survey
Steve Hill KK6FPI
6 Feb 2020

Purpose of Rapid Needs Assessment

- RNAs determine the
 - Scope of the disaster
 - Assess what resources are necessary to conduct life-saving and life-sustaining operations
 - Provide state officials with quick and accurate information to enable them to determine whether State and/or Federal assistance is warranted

Rapid Needs Assessment Goal

- Provides the first description of the type and extent of damages and associated impacts sustained by the community.
- Goal: determine the scope of disaster.
 - How bad is it?
 - What areas are affected?
 - How many people are affected?
 - What are the risks to life, safety, and health?
 - What is the status of lifeline services?

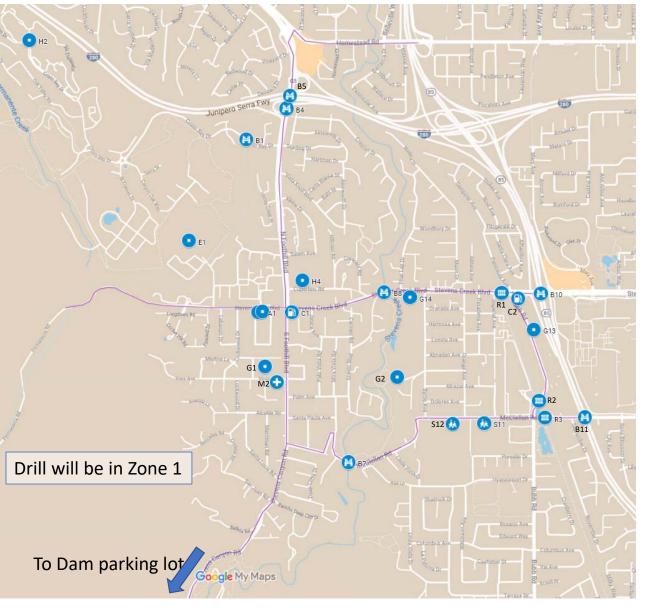
Results of Rapid Needs Assessment

- The following questions need to be answered in the first 12–72 hours following the disaster incident to get help to victims:
 - What is needed?
 - When is it needed?
 - Where is it needed?
 - How much is needed?
 - For how long will it be needed?
- A rapid needs assessment takes place within hours after an incident and focuses on:
 - Lifesaving needs
 - Imminent hazards
 - Critical lifelines

Elements of Rapids Needs Assessment

- Bridges
- Schools
- High density housing
- Churches
- City buildings
- Hotels
- Medical facilities
- Retail food stores
- Stevens Creek Dam
- Transportation: signals, main thoroughfares
- Infrastructure: water, sewage, electricity, gas

We will survey a subset during the drill



| Name | R | Υ | G |
|--|--|---|---|
| Monta Vista Fire Station ARK | | | |
| Bridge Cristo Rey Dr @ UPRR | | | |
| Bridge Foothill Blvd @ UPRR | | | |
| Bridge Foothill Blvd @ I-280 | | | |
| Bridge McClellan Rd @ Stevens Creek | | | |
| Bridge Stevens Creek Blvd @ Stevens Creek | | | |
| Bridge Stevens Creek Blvd @ Hwy 85 | | | |
| Bridge McClellan Rd @ Hwy 85 | | | |
| Cupertino Auto Care, Foothill @ Stevens Creek | | | |
| Cupertino 76, Stevens Creek @ Bubb | | | |
| Stevens Creek Dam | | | |
| PG&E Substation; California Oak @ Majestic Oak | | | |
| Monta Vista Fire Station #7 | | | |
| Monta Vista Park Recreation Center | | | |
| Blackberry Farm Office | | | |
| Caltrans Maintenance Yard | | | |
| Blue Pheasant Restaurant | | | |
| The Forum | | | |
| Sunny View Retirement Community | | | |
| Marianist Center | | | |
| Cupertino Health Services | | | |
| RR Crossing @ Stevens Creek Blvd | | | |
| RR Crossing @ Bubb Road | | | |
| RR Crossing @ McClellan Road | | | |
| Lincoln Elementary School | | | |
| Monta Vista High School | | | |
| Foothill Expwy; Homestead–Stevens Creek | | | |
| Stevens Canyon Rd; Stevens Creek Blvd-Dam | | | |
| Stevens Creek Blvd; Lehigh–Foothill Expwy | | | |
| Stevens Creek Blvd; Foothill Expwy–280 | | | |
| McClellan Rd; Stevens Creek Gulch-Byrne Ave | | | |
| McClellan Rd; Byrne Ave–Stelling Rd | | | |
| Homestead Rd; Grant Rd-85 | | | |
| Bubb Rd; Stevens Creek Blvd-McClellan Rd | | | |
| | Monta Vista Fire Station ARK Bridge Cristo Rey Dr @ UPRR Bridge Foothill Blvd @ UPRR Bridge Foothill Blvd @ I-280 Bridge McClellan Rd @ Stevens Creek Bridge Stevens Creek Blvd @ Stevens Creek Bridge Stevens Creek Blvd @ Hwy 85 Bridge McClellan Rd @ Hwy 85 Cupertino Auto Care, Foothill @ Stevens Creek Cupertino 76, Stevens Creek @ Bubb Stevens Creek Dam PG&E Substation; California Oak @ Majestic Oak Monta Vista Fire Station #7 Monta Vista Park Recreation Center Blackberry Farm Office Caltrans Maintenance Yard Blue Pheasant Restaurant The Forum Sunny View Retirement Community Marianist Center Cupertino Health Services RR Crossing @ Stevens Creek Blvd RR Crossing @ Bubb Road RR Crossing @ McClellan Road Lincoln Elementary School Monta Vista High School Foothill Expwy; Homestead—Stevens Creek Stevens Creek Blvd; Lehigh—Foothill Expwy Stevens Creek Blvd; Foothill Expwy—280 McClellan Rd; Stevens Creek Gulch—Byrne Ave McClellan Rd; Byrne Ave—Stelling Rd Homestead Rd; Grant Rd—85 | Monta Vista Fire Station ARK Bridge Cristo Rey Dr @ UPRR Bridge Foothill Blvd @ UPRR Bridge Foothill Blvd @ I-280 Bridge McClellan Rd @ Stevens Creek Bridge Stevens Creek Blvd @ Stevens Creek Bridge Stevens Creek Blvd @ Hwy 85 Bridge McClellan Rd @ Hwy 85 Cupertino Auto Care, Foothill @ Stevens Creek Cupertino 76, Stevens Creek @ Bubb Stevens Creek Dam PG&E Substation; California Oak @ Majestic Oak Monta Vista Fire Station #7 Monta Vista Park Recreation Center Blackberry Farm Office Caltrans Maintenance Yard Blue Pheasant Restaurant The Forum Sunny View Retirement Community Marianist Center Cupertino Health Services RR Crossing @ Stevens Creek Blvd RR Crossing @ Bubb Road RR Crossing @ McClellan Road Lincoln Elementary School Monta Vista High School Foothill Expwy; Homestead–Stevens Creek Stevens Canyon Rd; Stevens Creek Blvd—Dam Stevens Creek Blvd; Lehigh–Foothill Expwy Stevens Creek Blvd; Stevens Creek Gulch–Byrne Ave McClellan Rd; Stevens Creek Gulch–Byrne Ave McClellan Rd; Byrne Ave—Stelling Rd Homestead Rd; Grant Rd–85 | Monta Vista Fire Station ARK Bridge Cristo Rey Dr @ UPRR Bridge Foothill Blvd @ UPRR Bridge Foothill Blvd @ I-280 Bridge McClellan Rd @ Stevens Creek Bridge Stevens Creek Blvd @ Stevens Creek Bridge Stevens Creek Blvd @ Hwy 85 Bridge McClellan Rd @ Hwy 85 Bridge McClellan Rd @ Hwy 85 Cupertino Auto Care, Foothill @ Stevens Creek Cupertino 76, Stevens Creek @ Bubb Stevens Creek Dam PG&E Substation; California Oak @ Majestic Oak Monta Vista Fire Station #7 Monta Vista Park Recreation Center Blackberry Farm Office Caltrans Maintenance Yard Blue Pheasant Restaurant The Forum Sunny View Retirement Community Marianist Center Cupertino Health Services RR Crossing @ Stevens Creek Blvd RR Crossing @ Bubb Road RR Crossing @ McClellan Road Lincoln Elementary School Monta Vista High School Foothill Expwy; Homestead–Stevens Creek Blvd, Lehigh–Foothill Expwy Stevens Creek Blvd; Lehigh–Foothill Expwy Stevens Creek Blvd; Foothill Expwy—280 McClellan Rd; Stevens Creek Gulch–Byrne Ave McClellan Rd; Byrne Ave—Stelling Rd Homestead Rd; Grant Rd–85 |

The DOC will report RNA results with the latitude and longitude of the structure.

Facilitates fast, efficient incorporation into EOC's Disaster Dashboard map

| ID | Name | R, Y, G | Lat | Long |
|-----|---|---------|-----------|------------|
| A1 | Monta Vista Fire Station ARK | G | 37.32175 | -122.07070 |
| B1 | Bridge Cristo Rey Dr @ UPRR | G | 37.33180 | -122.07161 |
| B4 | Bridge Foothill Blvd @ UPRR | G | 37.33360 | -122.06865 |
| B5 | Bridge Foothill Blvd @ I-280 | Υ | 37.33436 | -122.06842 |
| B7 | Bridge McClellan Rd @ Stevens Creek | R | 37.31297 | -122.06410 |
| B8 | Bridge Stevens Creek Blvd @ Stevens Creek | G | 37.32292 | -122.06147 |
| B10 | Bridge Stevens Creek Blvd @ Hwy 85 | G | 37.32284 | -122.04999 |
| B11 | Bridge McClellan Rd @ Hwy 85 | G | 37.31559 | -122.04678 |
| C1 | Cupertino Auto Care | Υ | 37.32175 | -122.06825 |
| C2 | Cupertino 76 | Y | 37.32253, | -122.05168 |
| D1 | Stevens Creek Dam | R | 37.29877 | -122.07799 |
| E1 | PG&E Substation | Υ | 37.32328 | -122.07395 |
| F7 | Monta Vista Fire Station #7 | G | 37.32176 | -122.07040 |
| G1 | Monta Vista Park Recreation Center | G | 37.31855 | -122.07024 |
| G13 | Caltrans Maintenance Yard | G | 37.32073 | -122.05049 |
| G14 | Blue Pheasant Restaurant & Bar | R | 37.32259 | -122.05961 |
| G2 | Blackberry Farm Retreat/Shelter | G | 37.31794 | -122.06055 |
| H2 | The Forum | G | 37.33761 | -122.08753 |
| H4 | Sunny View Retirement Community | G | 37.32359 | -122.06751 |
| M1 | Marianist Center | Υ | 37.31599 | -122.07127 |
| M2 | Cupertino Healthcare & Wellness | Υ | 37.31766 | -122.06939 |
| R1 | RR Crossing @ Stevens Creek | R | 37.32288 | -122.05287 |
| R2 | RR Crossing @ Bubb | G | 37.31654 | -122.05011 |
| R3 | RR Crossing @ McClellan | G | 37.31558 | -122.04968 |
| S11 | Lincoln Elementary | Υ | 37.31526 | -122.05414 |
| S12 | Monta Vista High School | G | 37.31523 | -122.05646 |

RNA Drill Information

- Scenario: Citizen Corps auto activated due to earthquake.
 - CARES completed MIKE MIKE report and Preliminary Safety Assessment (PSA).
 - Based upon results, Citizen Corps is requested to do assessment of City's critical assets needed for response and recovery.
 - The City Manager is waiting for our reports.
- Date: February 15th, Saturday morning
- Place: Monta Vista ARK
- Time: 08:00 11:30
- What to bring: ID, Vest, radio, Go Kit
- Sign up at Volunteer Portal: http://myvolunteerpage.com/

Thank you Any Questions?

