

From: Dave Clark [REDACTED]
Sent: Thursday, March 3, 2022 12:04 PM
To: General Plan <generalplan@cityofsanmateo.org>
Subject: GPU meeting 3/3/ 2022 - (5) Additional discussion of water needs

Zachary Dahl –

Perhaps the most important element of the GPU is knowing there is adequate water. My fifth comment that other cities are innovating – what is CaWa doing? Strongly advise that the city bring in someone that would meet the approval of Marriana Grossman or Felicia Marcus. It's only reasonable that the city create guidelines for reduction of per capita water consumption, and invite the developers to create solutions.

Years ago I did work on the SSMC indicators water report, and I have been following it closely since. My focus now, is more on air quality however.

Clark – 5
Thu Mar 3 09:37:30 PST 2022
Re: GPU - Follow on - water planning
Per: Land use and Circulation Alternatives Evaluation (1-14-22) strive SM

Follow-on discussion on our Urban Water needs

Clark – 3

Thu Mar 3 09:37:30 PST 2022

Re: GPU § 5.2 / § 5.5

Per: Land use and Circulation Alternatives Evaluation (1-14-22) strive SM

Transit Oriented Disaster Response

Plan Bay Area calls for Transit Oriented Recreation as a compliment to Transit Oriented Development. The circulation plan should also integrate with the multitude of Transit Oriented Disaster Response Plans // Resiliency Guides some of which are linked below.

It's important to understand how disaster response nests with the three alternatives, for the protection of human life; for transit economics; expedient transport of people and goods. There is a labyrinth of agencies and abundance of expertise. I can only scratch the surface and much of this is in the domain of other departments.

Point

I note that several of the guides provided are "living documents" that have not been updated in five years or more. Things have changed in this time: telecommute, 5G, freeway upgrades, our city stop light system, traffic monitoring systems, medical response capabilities. Probably separate to the GPU circulation discussion the city needs to review and update. Especially now that Bay Meadows has been developed and the city topography has changed. Review should happen before additional (alternatives) expansion.

It's unclear how external organizations will affect traffic circulation in the city of San Mateo during an incident. One of the challenges will be overwhelming responses by a dozen different agencies.

Range of Incidents

- East Bay Exodus
[A recent article in SJMN discussed the impact of a major earthquake along San Andreas Fault, loss of cell phone service, power, utilities, gas stations. Planned egress included the 92 corridor to FC and San Mateo. In addition to the inflow of evacuees, the peninsula would have its own battles to fight.](#)
- SM Bridge Closure
- 101 Closure (Redirect to surface streets like ECR)
- SF exodus (earthquake)
- Terrorism / Local disruptions or violence
- Flood Response
- Major Fire
- Toxic Substance release (RR or semi)

Disaster Operations

This has been chewed over previously within the city and staff knows the ropes. The question for GPU is how the planning alternatives could augment or disrupt.

- CalTrain fitted with gurneys for injured egress
- CalTrain ingress for transportation of disaster relief workers up and down peninsula
 - o Loading, unloading cargo, people
- WETA used from Oyster Point
 - o Plan in advance for SM access via 3rd Avenue ; Coyote Point Marina, FC
- HELO landing zones
- Specifically re-purposed (single direction) surface streets.
- Outages of days or weeks as opposed to planning for rush hour crawl.

Existing Response Plans

Suggest a review of local disaster plans such as MTC RTEMP (Regional Transportation Emergency Management Plan). We should understand how those plans integrate with our longer-term traffic circulation initiatives and update those planning frameworks where needed.

<https://mtc.ca.gov/operations/programs-projects/emergency-management/regional-transportation-emergency-management-plan-rtemp>

MTC Baseline Operating Plan

the current rev of this living doc is 2018

<https://mtc.ca.gov/sites/default/files/MTC%20Bay%20Area%20RTEMP%202018%20Update.pdf>

Out of this thought process, perhaps a few points can be considered that would facilitate more smooth response to unforeseen events.

Other links

Bay Area Urban Areas Security Initiative (BAUASI)

<http://www.bayareauasi.org/>

The Bay Area Urban Areas Security Initiative sustains and improves regional capacity to prevent, protect against, mitigate, respond to, and recover from terrorist attacks and catastrophic disasters.

ABAG - disaster

<https://abag.ca.gov/technical-assistance/tags/disaster>

#ABAG Local Mitigation Planning Handbook (2013)

<https://abag.ca.gov/technical-assistance/local-mitigation-planning-handbook>

#ABAG pre-disaster recovery guide for local governments (2017)

<https://abag.ca.gov/sites/default/files/predisasterrecoveryplanningguideforlocalgovernmentsfinal50820170203.pdf>

Regional Emergency Coordination Plan (RECP) 2008

<http://bayareauasi.org/recp>

county of san mateo department of emergency management (DEM)

<https://www.smcgov.org/cmo/departement-emergency-management>

NCRIC (Northern California Regional Intelligence Center)

<https://ncric.ca.gov/>

CAL OES Governor's Office of Emergency Services

<https://www.caloes.ca.gov/>

CAL OES – Catastrophic Planning – Base Plan (2008)

<https://www.caloes.ca.gov/Governments-Tribal/Plan-Prepare/Catastrophic-Planning>

CAL OES – Bay Area Earthquake plan (public – 2016)

[https://www.caloes.ca.gov/PlanningPreparednessSite/Documents/BayAreaEQConops\(Pub_Ver_sion\)_2016.pdf](https://www.caloes.ca.gov/PlanningPreparednessSite/Documents/BayAreaEQConops(Pub_Ver_sion)_2016.pdf)

SM County Health – Emergency Medical Services

<https://www.smchealth.org/ems>