

October 16, 2017

PLAN: Dudley Square Climate Readiness and Resiliency Workshop

Report Back Notes

Exercise Report Back Notes

Table 1:

- Greenhouse Gas reduction:
 - Worries about parking, nowhere to park right now
 - Light rail an option? As alternative to the silver line
 - Reduction of parking, parking deficit
 - Concerns about businesses that would be attracted to Dudley if area is car oriented versus not
- High Temp Heat Events:
 - Trees have been planted but the maintenance is the a important factor if this
 - How do you get open space when there is not a lot of open space in the first place; maintenance is also important here
 - Trade-offs, developers investing in best practices and green technology; who will subsidize?
- Green Communities:
 - Enterprise Green Communities Action Plan
 - Design elements to consider during design to make things healthier
 - How do we as the community become more informed on this process?
 - Partnering more with, support the plan that is coming down that pipe. Announced earlier this week, community voice for a no interest loan to attract a healthier grocery store that is walkable.

Table 2:

- Greenhouse gas reduction:
 - Greening of the rooftops, better use of permeable materials.
 - Dudley is the center point of heat island in the community and these are the factors that affect our environment so the first thing we should address
- Urban agriculture, on rooftops too; thinking about multipliers we would like to see in the development of Dudley
- Preserve mature trees, thinking critically how we can do these kind of things
- More points to developers who implement significant greening into proposal
- Ideas about parking are not realistic, parking is needed for employees,
 - College students especially have cars, sometimes 2 or 3 per house
- Smart utility planning, as we are digging up the streets there is a need to think to the future about utility use.
 - Developments building their part as larger network and structure
- Develop economics of green space, how much would it cost to go green? Giving incentive, increase economic opportunity and benefit to go green

Table 3:

- Utility projects should be coordinated among departments (BTD, BWSC, etc.) make sure things are not dug up over and over again
- Green House Gas:

- Solar does not work for everyone, too many tree cannot use solar; but opportunity, for site which produce extra energy from solar to put back onto grid, share within the community
- Heat Island:
 - Adding trees not to just sidewalk but also on parcel, open space
- Health concerns:
 - High asthma rates
 - Indoor air quality
 - Day care facility, think about greening to shield from air pollution, away from streets
- Parking:
 - Ambiguity in the language about how much parking, ideal to minimize new park – do not want extra cars
- High Temperature:
 - Focus has to be creating shade in the summer specifically, not in winter. Need to be very specific what is happening in the summer

Table 4:

- Helping Dudley to thrive, to go forward with the challenges we have in the community
- Green House Gas Reduction
 - Different types of strategies to balance public transportation with personal driving
 - Not going to change car culture overnight
 - Need to drive does arrive like when the T does not work, 1 to 1 usage sometimes works better
- Reduce heat, look at older buildings also; the majority of what contributes to these issues. Can make the new ones the best but what are you going to do about the rest.
- Green parking lots, heat islands within heat islands
- Flooding, retain water and not just let it run off
- LEED Silver or better, cannot spend money and not have people coming through the door
- Materials, what can be locally sourced, made and/or brought in from the region
 - Also help reduce greenhouse gas emissions
- Net zero or even better, net positive network
- Adding more street trees, trees also on the property
- Tempered public spaces, effective use of more shade along streets and structures

Exercise Board Summaries

Response 1:

Healthy and Efficient Green Buildings

- Partner public health department
- “Health Action Plan”
- Enterprise – creative subsidies

Greenhouse Gas Reduction

- No response written

Higher Temperatures & Heat Events

- No response written

Intense Precipitation and Stormwater Flooding

- No response written

Coastal Storms and Sea Level Rise

- No response written

Public health

- No response written

Response 2:

Greenhouse Gas Reduction

- Projects should include strategies
- Trade off +EV for less parking

Higher Temperatures & Heat Events

- New building and old buildings
- Greening parking lots

Precipitation & Stormwater Flooding

- Increased Ability Absorb and retain water

Coastal Storms & Sea Level Rise

- No response written

Response 3:

Healthy & Efficient Green Buildings

- LEED silver is required or better
- Renewable materials

Greenhouse Gas Reduction

- High performance/ low cost
- Net zero if possible (net positive)

Higher Temperatures & Heat Events

- Add more street trees
- Tempered public space
- More shade

Intense Precipitation & Stormwater Flooding

- No response written

Coastal Storms & Sea Level Rise

- No response written

Public Health

- No response written

Response 4:*Health and Efficient Green Buildings*

- No response

Greenhouse Gas Reduction

- Sharing excess energy produced on site with other buildings in area

Higher Temperatures & Heat Events

- Add trees on the parcel itself
- Preserve any existing large health trees
- Provide space for trees to mature/all base
- Project should max. open space and permeable green space

Intense Precipitation & Stormwater Flooding

- No response written

Coastal Storms & Sea Level Rise

- No response written

Public Health

- Public/play spaces should be away from traffic/roads/air pollution
- Surface material for playgrounds should be safe for children and minimize injury

Response 5:*Greenhouse Gas Reduction*

- New proposal must minimize parking to minimize parking ratio

Higher Temperatures & Heat Events

- Trees on sidewalk
- Day time temps in summer should keep shade in mind (buildings and trees)

Precipitation & Stormwater Flooding

- No response written

Coastal Storms & Sea Level Rise

- No response written

Response 6:*Greenhouse Gas Reduction*

- No response written

Higher Temperatures & Heat Events

- Preserve and improve existing tree canopy

Precipitation and Stormwater Flooding

- Smart utility planning
- Consider urban agriculture community

Coastal Storms and Sea Level Rise

- Incentivize points to think outside comfort zone

Response 7:**Written at the top: Developer/Operator Cost trade-off on a timeline irrelevant***Greenhouse Gas Reduction*

- Challenge-some community members will worry about parking
- Chicken + egg – light rail investment
- City should act like a city -2HR Parking

- Are there businesses that don't need parking? Neighborhood scale retail

Higher Temperatures and Heat Events

- Demonstrate "best practices"
- Trees on Washington street damaged/missing/broken
- What is the pushback? % lot coverage
- Stewardship/maintenance clause/community benefit pool

Precipitation & Stormwater Flooding

- No response written

Coastal Storms & Sea Level Rise

- No response written