

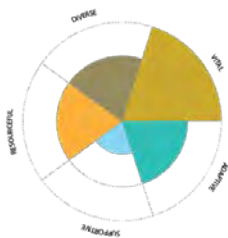
“SPARK”



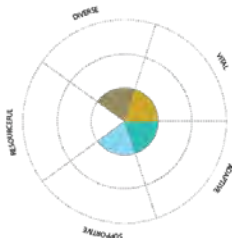
UGA Team 2



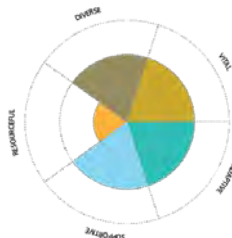
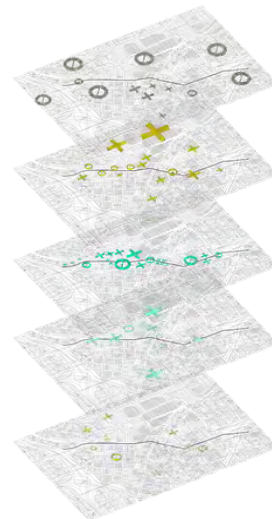
CULTURAL



ECOLOGICAL



ECONOMIC

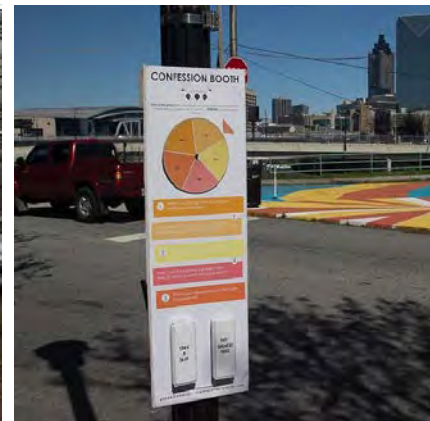
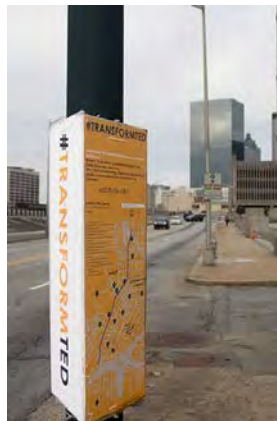




PUBLIC RECORDER

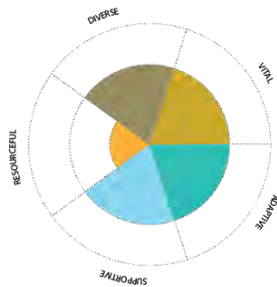
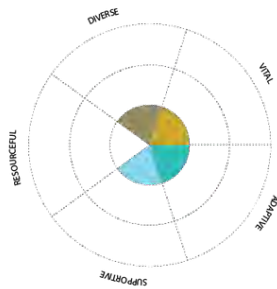
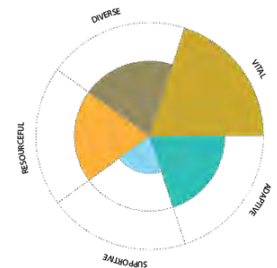
GOALS:

- Gather input
- Create a dialogue
- Get people involved in creating change
- Encourage exploration and play
- Educate along the way



LESSONS LEARNED:

- Most successful games were the least prescriptive
- People want to participate; they just need the tools to be able to do so



“SPARK”
STRATEGY



“SPARK” STRATEGY



GREEN



EMPOWER



CONNECT



“SPARK” STRATEGY



GREEN



EMPOWER



CONNECT



“SPARK” STRATEGY



GREEN



EMPOWER



CONNECT



“SPARK” STRATEGY



GREEN



EMPOWER



CONNECT



GREEN



a lifeless corridor

- Need for improvement given TTD's **low ecological resilience score**
- Working with **existing conditions**
 - 15% tree canopy cover
 - Thin soil conditions limit tree planting ability
- Contribute to **larger corridor-wide vision**
 - *Empower* pedestrians to connect with nature
 - *Connect* existing canopy to new plantings

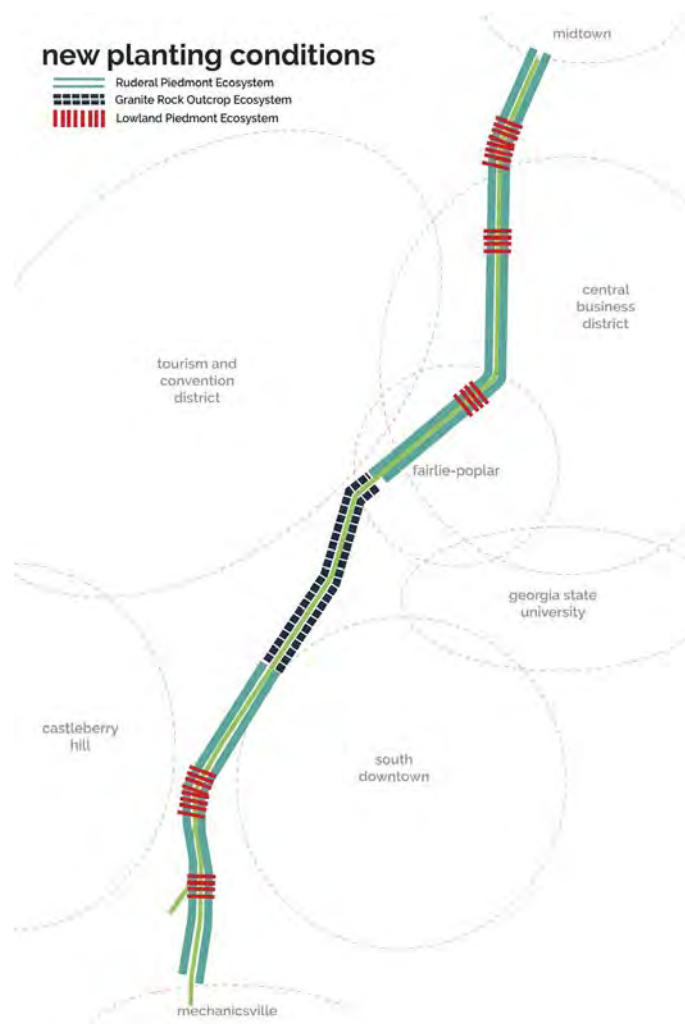




a new strategy

Georgia's native ecosystems and TTD's unique microclimate conditions helped determine three ecosystem typologies to employ in a corridor-wide planting strategy:

- Ruderal Piedmont
- Granite Rock Outcrop
- Lowland Piedmont





ecosystem breakdown + plant function

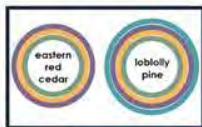
plant
ecosystem
key

lowland piedmont

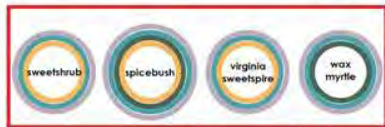
granite outcrop

ruderal piedmont

tree



shrub



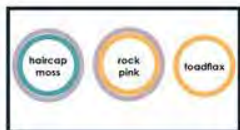
ornamental
grass



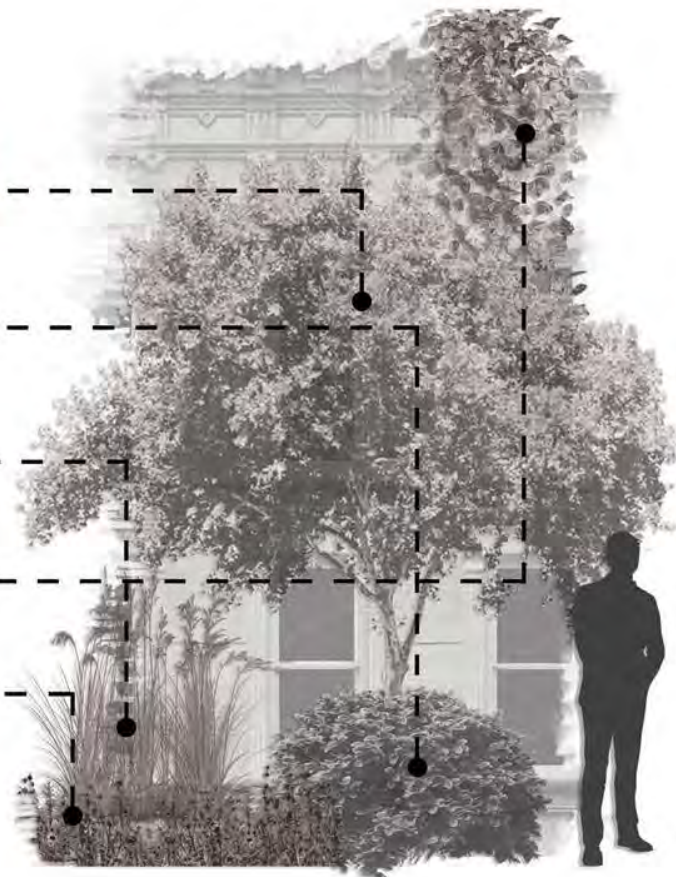
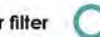
vine



perennial



plant
function
key





EMPOWER



job creation

Atlanta's resilient
jobs initiative
includes :

- Urban Agriculture,
- Waste management
- Water system management
- Urban ecology and arbor management
- Resilient and green technologies
- Energy renewal
- Data collection



<http://www.chicagotribune.com/business/s/ct-chicago-urban-farming-year-ahead-1222-biz-20161220-story.html>

PUBLIC - *worksource Atlanta*



PRIVATE - business on TTD



MUNICIPAL - agency for
resilience functionality



homelessness

Vending

+

Wayfinding

Our goal is to create a corridor that allows homeless access to necessary goods and resources to better their lives in downtown atlanta.





creative resilience initiative



https://www.google.com/search?rlz=1C1CHBF_enUS760US760&biw=1536&bih=710&tbm=isch&sa=1&ei=mvfZWpKSK9KJggfelbGgDw&q=urban+eco+art&oq=urban+eco+art&gs_l=psy-ab.3...247689.248680.0.248931.6.6.0.0.0.126.353.5j1.6.0...0...1c.1.64.psy-ab..0.1.125...0i13k1.0.qIvWzulinNMU#imgrc=9tWagLy0mFxJvM:

A creative resilience initiative that envisions Ted Turner Drive as a blank canvas for artists and innovators to showcase their ideas about resilience and inspires citizens to think critically about their role in making atlanta resilient.



<https://www.occupy.com/article/year-inequality-racial-disparity-can-no-longer-be-ignored#sthash.c3Y6oWRE.dpbs>



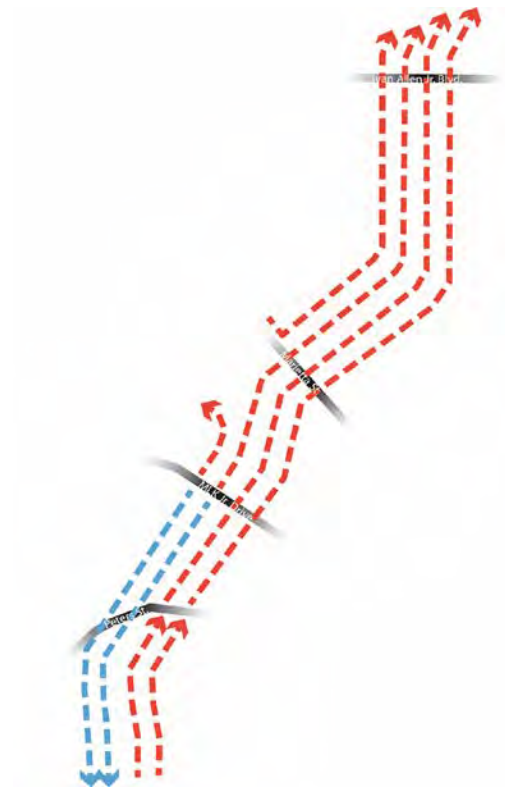
<https://www.myajc.com/lifestyles/photos-living-walls-atlanta/xHGG88sMeKZz2B8bLsWJsJ/#/gK2UoObRJ-yx8VJ04APpQ>



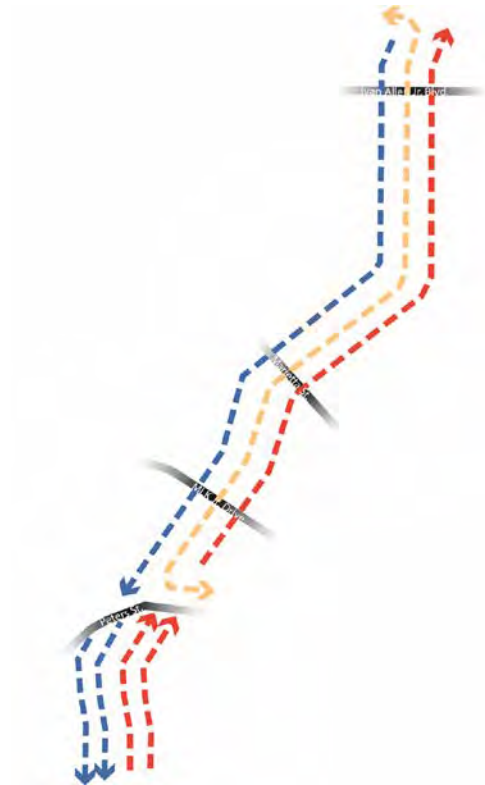
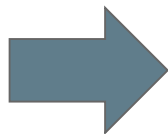
CONNECT



lane strategy



existing



proposed



NODES





NODE 1

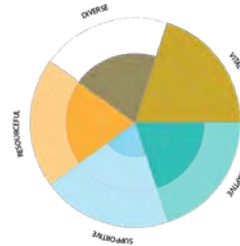
- Emphasis on ecological function
- Highlights innovative stormwater management through eco-revelatory design
- Increased tree canopy to assist with reduction of heat island effect as well as sequester carbon
- Increased biodiversity

before:

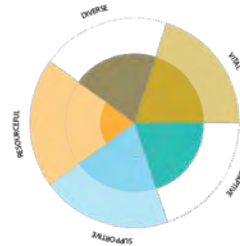


after:

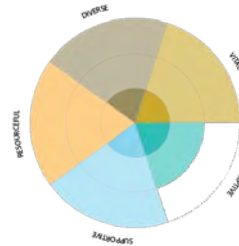
Cultural



Economic



Ecological





NODE 2

- Focus on activating the corner surrounding the Tabernacle
- Enhanced pedestrian experience via multi use platforms
- Parklettes provide pedestrian refuge in highly used areas

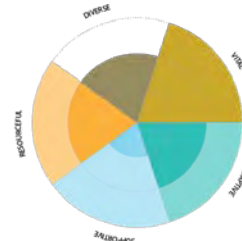


before:

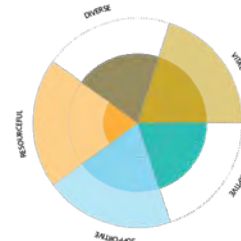


after:

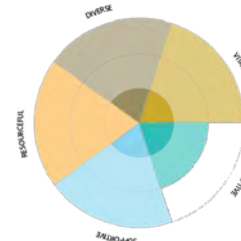
Cultural



Economic



Ecological





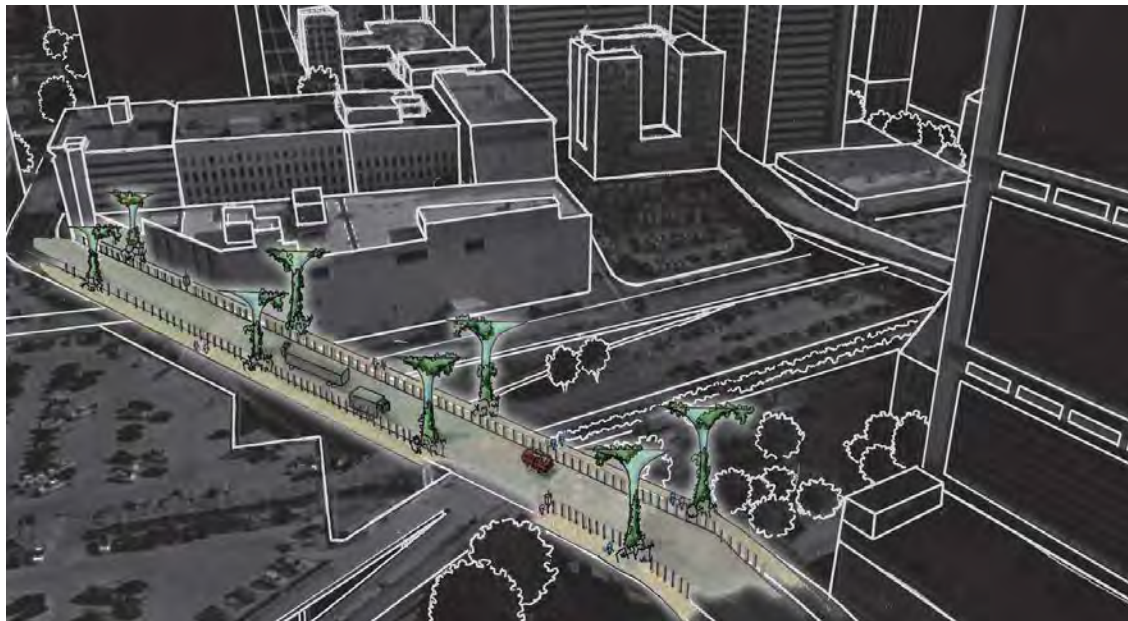
NODE 3

- Viaduct functions as one large flex space
- Reduction of 4 lanes of traffic down to two to provide larger sidewalks for pedestrians
- Super tree structures provide continued cadence of street trees along corridor as well as boost ecological function

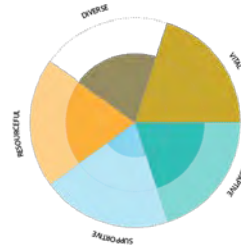
before:



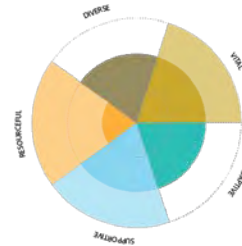
after:



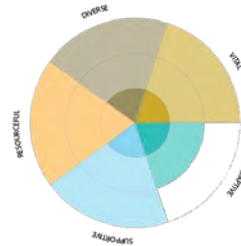
Cultural



Economic



Ecological





NODE 3

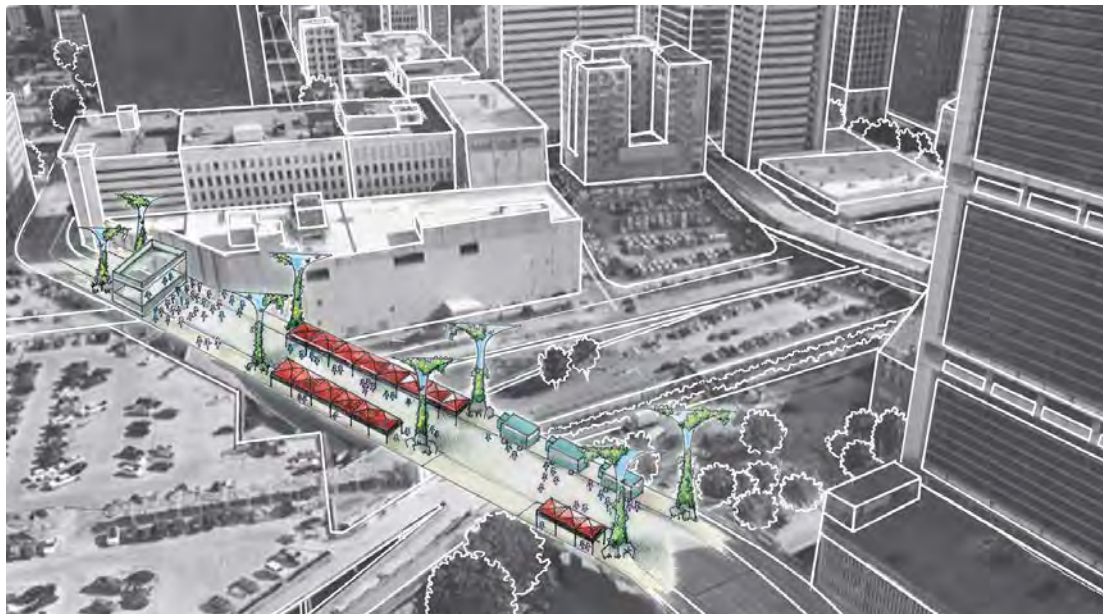
- During events the viaduct can be sectioned off to provide a space that can be used for festivals and markets
- Supertrees are irrigated with harvested rainwater stored in cisterns below the viaduct.
- Cisterns can be used in times of emergency to provide water for adjacent building grey water function



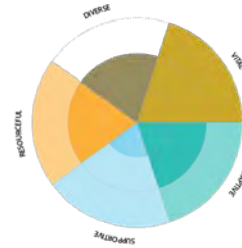
before:



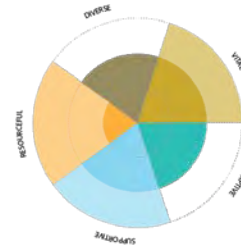
after:



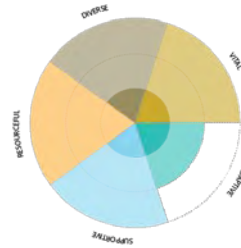
Cultural



Economic



Ecological



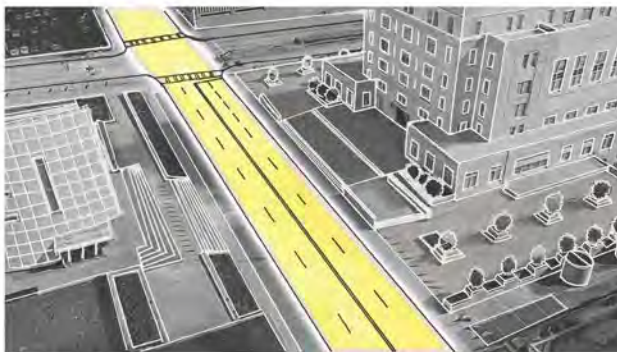


NODE 4

- Flex space adjacent courtyard to be used as Uber/Lyft drop off or space for food vendors
- Focus on activating existing empty courtyards
- Parkletes to provide lush alternative to rigid structure of government plazas



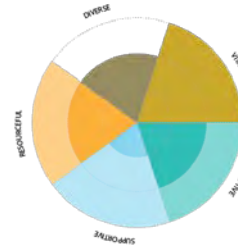
before:



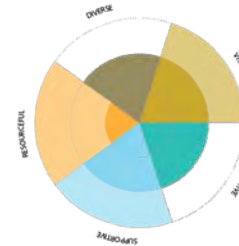
after:



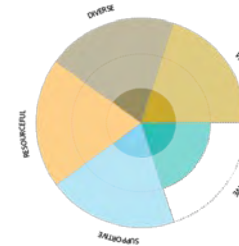
Cultural



Economic



Ecological



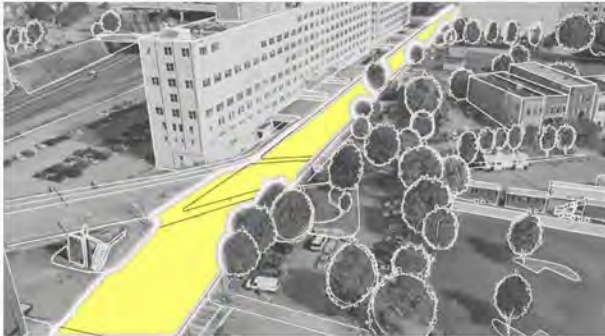


NODE 5

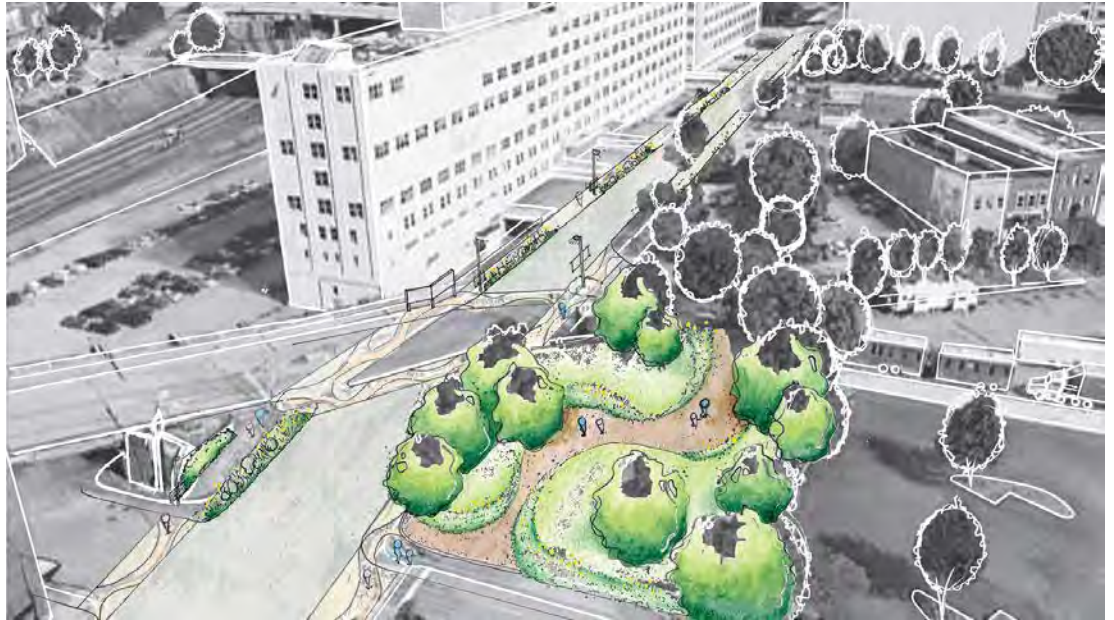
- Recommendation to purchase lot adjacent to Fire Station #5 for \$200,000
- Parklette to provide a balance of green spaces in the south.
- Park provides platform for creative resilience initiative artwork
- Continuation of Public Recorder gives citizens a voice



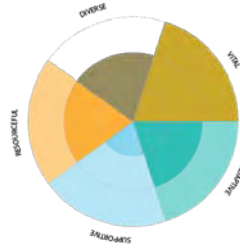
before:



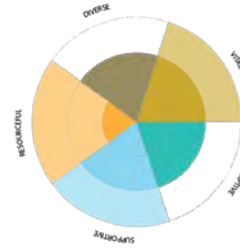
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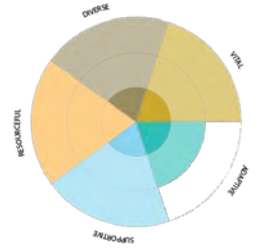
Cultural



Economic



Ecological



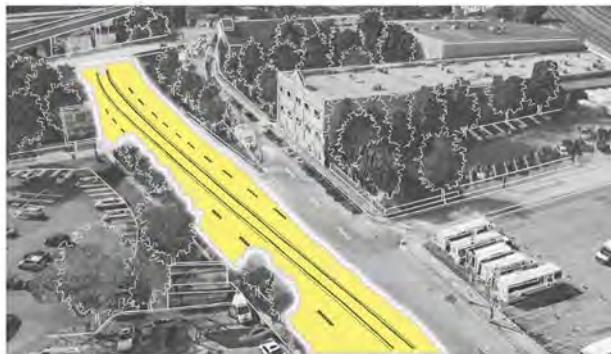


NODE 6

- Emphasis on ecological function
- Concrete median transformed to linear rain garden
- Wind powered lighting fixtures to reduce energy consumption
- Space for creative resilience initiative.

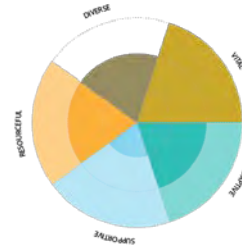


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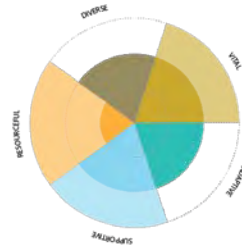


after:

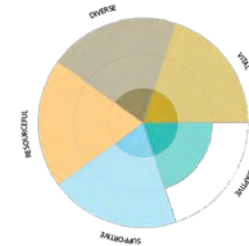
Cultural



Economic



Ecological

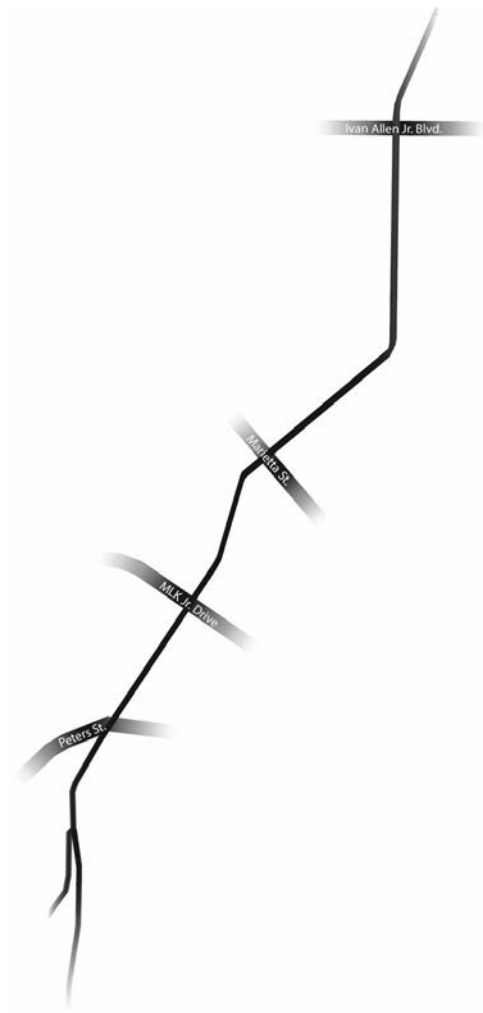




KEY

INTERSECTIONS:

- Ivan Allen Jr. Boulevard
- Marietta Street
- MLK Jr. Drive
- Peters Street

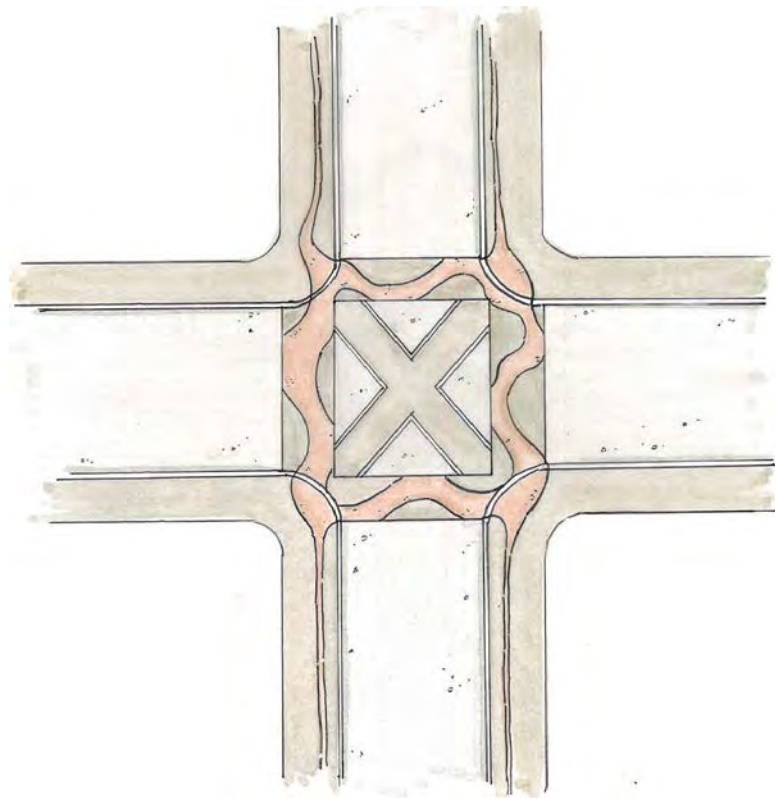
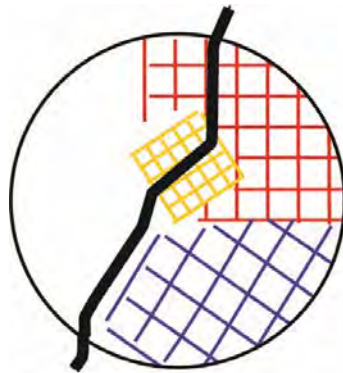




KEY

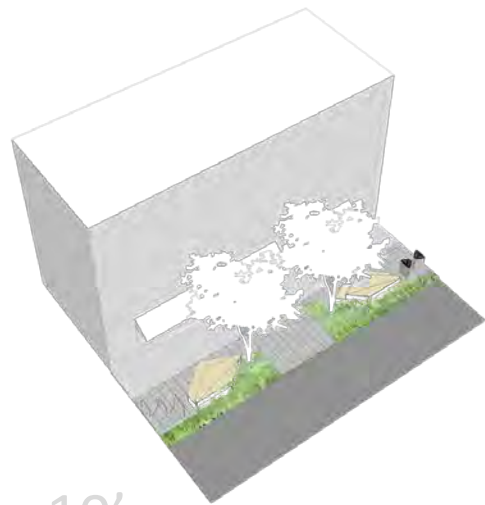
INTERSECTIONS:

- We raised the intersections to slow traffic and provide space for a permeable pavement system
- Pedestrians are able to cross in all directions for enhanced circulation
- A painted pattern on the pavement will signal drivers to slow down
- Pattern continues as a thin stripe throughout Ted Turner Dr. that changes in color in accordance with the city's changing grids

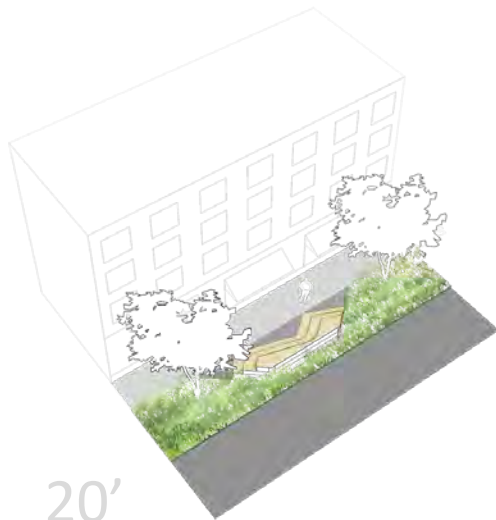




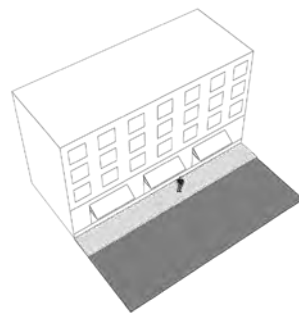
ACTIVATED STRETCHES:



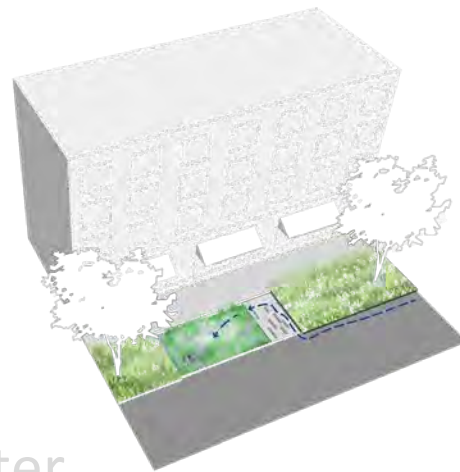
10'



20'



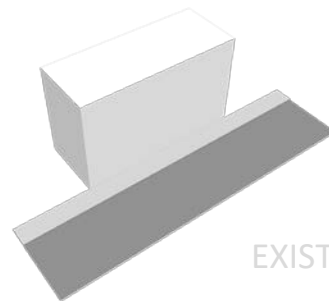
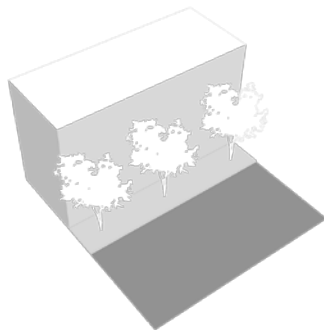
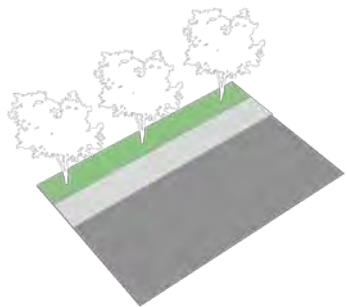
EXISTING



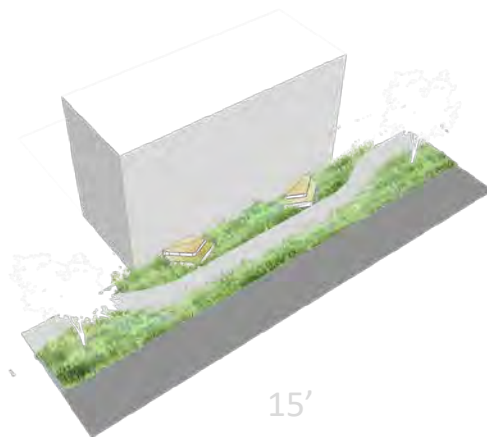
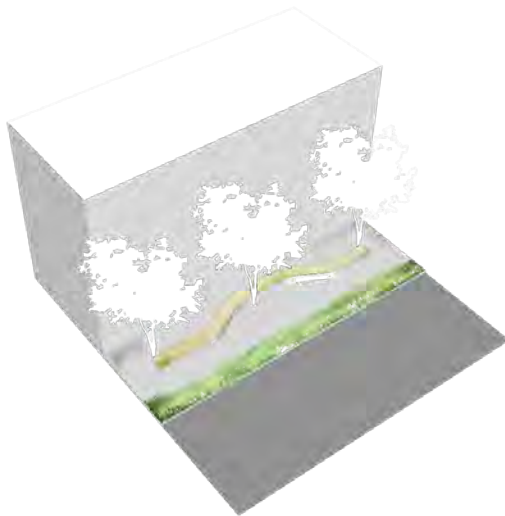
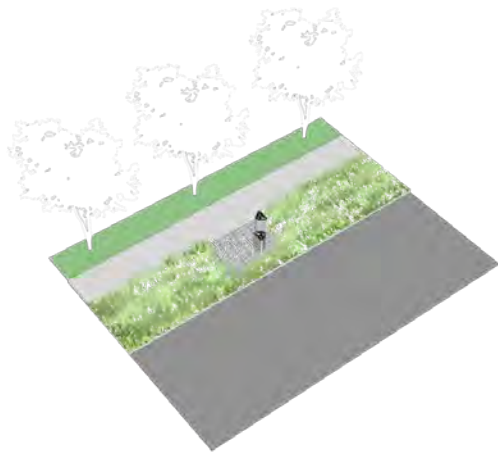
water



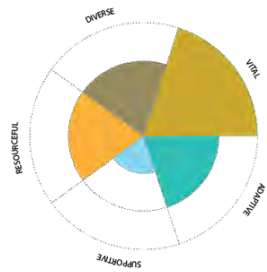
NON-ACTIVATED STRETCHES:



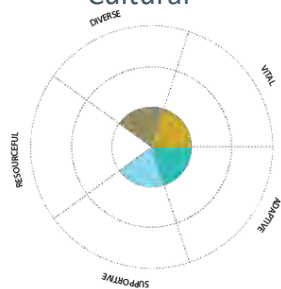
EXISTING



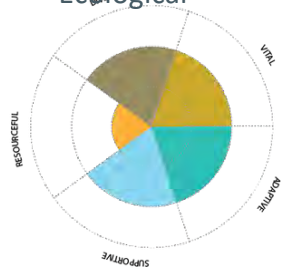
15'



Cultural



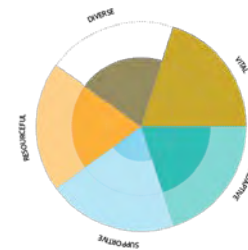
Ecological



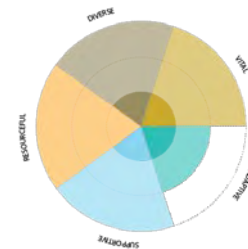
Economic



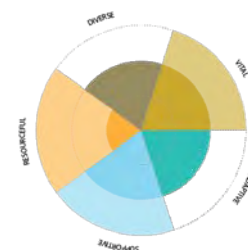
“SPARK”
STRATEGY



Cultural



Ecological



Economic

Thank you!