LET’S TRANSFORM DALLAS WITH DATA AND DESIGN

- Relocating significant and healthy existing trees from the median to high pedestrian use areas will maximize the overall tree canopy cover, thereby affording the greatest cooling for users.
- Linking existing green infrastructure and a nature-based botanical park is the most effective urban solution for mitigating the effects of the UHI.
- Below-ground cisterns will collect and filter stormwater runoff and recycle for irrigation.
- Safe spaces created through curated activation, evenly distributed layered lighting, call boxes, and Wi-Fi.
- Trees are positioned so that shade and breeze in the summer lower heat stress, and cold stress is reduced by providing sunny, non-windy spaces.
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- Biophilic elements, nature incorporated into design, reduce mental stress, increase cognitive performance and general well-being, and will unify the corridor & park design and offer refuge from the urban surroundings.
- Maintaining EMS travel time to District’s ERs by facilitating upgraded SMART Next Gen traffic signals along Harry Hines.
- Relocating significant and healthy existing trees from the median to high pedestrian use areas will maximize the overall tree canopy cover, thereby affording the greatest cooling for users.
- Urban trees planted in familial communities with organic spacing have increased longevity due to root grafting.
- Park gateway plazas upwind of prevailing winds reduce toxic air particulate accumulations.
- Increase biodiversity and attract urban wildlife through introduction of native plant species and interconnected green infrastructure.
- Mitigate traffic noise and filter air pollutants through continuous, layered plantings.
- Two-way bike trail placed upwind of concentrated air pollutants and allows for connections to the existing Trinity Strand Trail.
- Protected multi-modal travel facilities for vehicles, cyclists, and pedestrians with accessible, uniformed wayfinding signage and trail markings.
- An inviting and safe space linking the District’s institutions and community encourages physical activity and social interaction to improve the quality of life of all users.
- Maximize sensory and visual experience through a native plant palette rich in color, texture, and aroma.