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.

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.

Below-ground cisterns will collect and filter stormwater runoff and recycle for irrigation.

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.

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Maintain EMS travel time to District's ERs by facilitating upgraded SMART Next Gen traffic signals along Harry Hines.

New Children's Hospital

UTSW North Campus

Inwood Road

Butler Street

Parkland Hospital

Medical District Drive

UTSW Clements

UTSW West Campus

UTSW South Campus

Children's Hospital

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.

Unite and connect different physical facets of the District to create a healthy campus ecosystem, knit together by a centralized iconic pedestrian bridge.

Two-way bike trail placed upwind of concentrated air pollutants and allows for connections to the existing Trinity Strand Trail.

Trees strategically placed in groves provide pedestrians optimized thermal comfort and increased protection from solar radiation.

Increase biodiversity and attract urban wildlife through introduction of native plant species and interconnected green infrastructure.

Mitigate traffic noise and filter/disperse air pollutants through continuous, layered plantings.

Maximize sensory and visual experience through a native plant palette rich in color, texture, and aroma.

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.

Protected multi-modal travel facilities for vehicles, cyclists, and pedestrians with accessible, uniformed wayfinding signage and trail markings.

SWMD TRANSFORMATION
Texas Trees Foundation

✓ HEALTHY ENVIRONMENT   ⚙ HEALTHY SYSTEMS   ⚇ HEALTHY PEOPLE