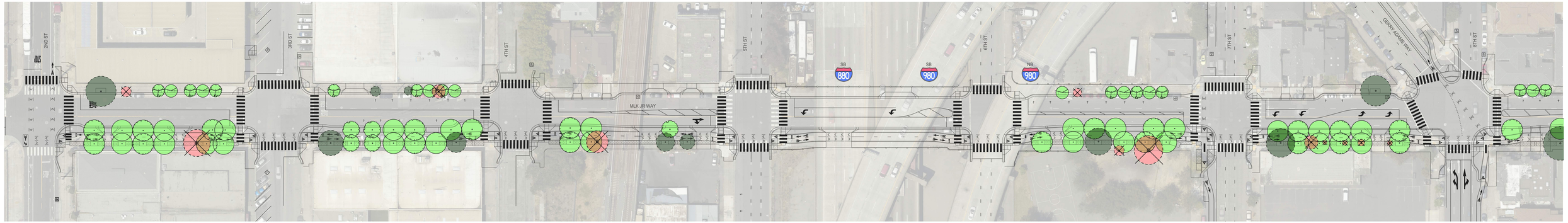
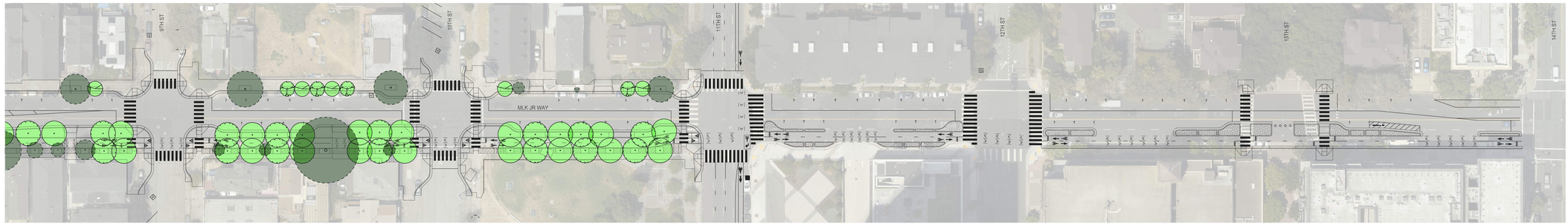
TREE EXHIBIT





LEGEND:

- EXISTING TREE TO REMAIN (21 TREES)
- EXISTING TREE TO BE REMOVED (13 TREES)
- NEW TREES PROPOSED (114 TREES)

TOTAL TREES BEFORE PROJECT: 34
TOTAL TREES AFTER PROJECT: 135

NOTE: THIS EXHIBIT ONLY INCLUDES TREES WITHIN THE RIGHT OF WAY ON MLK JR. WAY BETWEEN 2ND ST AND 11TH ST. ADJACENT TREES ON PRIVATE PROPERTY WILL BE PROTECTED IN PLACE DURING CONSTRUCTION.

SEE FOLLOWING PAGE FOR ADDITIONAL INFORMATION.

0' 10' 20' 30'
SCALE: 1" = 20'

WOOD RODGERS
BUILDING RELATIONSHIPS ONE PROJECT AT A TIME

MARTIN LUTHER KING JR. WAY STREETSCAPE IMPROVEMENTS | 2nd Street to 14th Street
4/24/2024

CITY OF OAKLAND | DEPARTMENT OF TRANSPORTATION

TREE SPECIES SELECTION

SMALL TREES (BELOW POWER LINES)

GOLD MEDALLION TREE
CASSIA LEPTOPHYLLA

PINK TRUMPET TREE
HANDROANTHUS HEPTAPHYLLUS

TREE SPECIES SELECTION CRITERIA:

PROPOSED TREES WERE SELECTED FROM THE CITY OF OAKLAND'S APPROVED STREET TREE LIST. ALL TREES ARE LOW OR MODERATE WATER USE, EVERGREEN OR SEMI-EVERGREEN, AND ADAPTED TO OAKLAND'S CURRENT AND PROJECTED FUTURE CLIMATE. MULTIPLE SPECIES WERE SELECTED FOR CLIMATE RESILIENCE AND FOR BETTER RESISTANCE TO PESTS AND DISEASE.

PROPOSED TREES WERE SELECTED TO INTEGRATE WITH EXISTING MAGNOLIA TREES, AND TO MAXIMIZE SHADING AND AIR QUALITY IMPROVEMENTS.

LARGE CANOPY TREES

WATER GUM
TRISTANIOPSIS LAURINA

SILVERLEAF OAK
QUERCUS HYPOLEUCOIDES

BRISBANE BOX
LOPHOSTEMON CONFERTUS

HEALTHY TREES AND SAFE SIDEWALKS

ELIMINATING CONFLICTS BETWEEN SIDEWALKS AND TREES

NEWLY PLANTED STREET TREE WITH STAKES AND WATERING BAG

LARGE, HEALTHY TREES AND SAFE, ACCESSIBLE SIDEWALKS ARE BOTH ESSENTIAL TO A SUCCESSFUL STREET. TO ENSURE THE LONG-TERM SUCCESS OF BOTH TREES AND SIDEWALKS, THIS PROJECT FEATURES:

-WIDE TREE PLANTING AREAS (AT LEAST 4' WIDE FOR SMALL TREES AND 5' WIDE FOR LARGE TREES)TO MAKE SPACE FOR THE FLARE AT THE BASE OF EACH TREE.

-ROOT BARRIERS AT EDGES OF PAVING TO DIRECT TREE ROOTS DEEPER INTO THE SOIL WHERE THEY WILL NOT DAMAGE PAVING.

-LARGE SOIL VOLUMES TO PROVIDE STREET TREES WITH ENOUGH ROOM TO GROW HEALTHY ROOT SYSTEMS

TREE WELL MATERIALS

MATURE STREET TREES IN DECOMPOSED GRANITE

DECOMPOSED GRANITE (DG):

ALL TREE WELLS (EXISTING AND NEW) WILL BE SURFACED WITH DECOMPOSED GRANITE (A CRUSHED ROCK PRODUCT) WHICH PROVIDES A STABLE WALKING SURFACE AND ALLOWS THE PASSAGE OF WATER AND AIR TO SUPPORT HEALTHY TREES.

DECOMPOSED GRANITE SURFACING IS EASY TO MAINTAIN AND REPLENISH, SUPPRESSES WEEDS, AND HAS LOW EMBODIED CARBON COMPARED TO OTHER PAVING MATERIALS.

EXISTING TREES: PRESERVATION AND REMOVAL

EXISTING TREE TO BE PRESERVED WITH ENLARGED TREE WELL

PRESERVING EXISTING TREES:

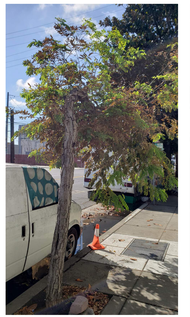
EXISTING TREES ON MLK JR. WAY WERE CAREFULLY ASSESSED DURING THE DESIGN PROCESS. WHENEVER POSSIBLE, EXISTING TREES WILL BE PRESERVED AND PROTECTED DURING CONSTRUCTION. TREE WELLS AT EXISTING TREES WILL BE ENLARGED AND ROOT BARRIERS WILL BE INSTALLED TO PROTECT SIDEWALKS FROM FUTURE ROOT DAMAGE.

EXISTING TREES TO BE REMOVED:

A TOTAL OF THIRTEEN (13) EXISTING TREES WILL BE REMOVED AS PART OF THIS PROJECT. REASONS FOR REMOVAL ARE: DAMAGE TO SIDEWALKS THAT CANNOT BE CORRECTED THROUGH ENLARGING TREE WELLS AND ROOT PRUNING, STRUCTURAL PROBLEMS THAT CANNOT BE CORRECTED THROUGH PRUNING, AND TREES THAT ARE IN POOR HEALTH.

THIS SECTION OF MLK JR. WAY CURRENTLY HAS THIRTY-FOUR (34) TREES. AFTER THE PROJECT IS COMPLETED, THIS SECTION OF MLK JR. WAY WILL HAVE ONE HUNDRED THIRTY-FIVE (135) TREES, A NET INCREASE OF ONE HUNDRED ONE (101) TREES.

TREE TO BE REMOVED. EXTENSIVE SIDEWALK DAMAGE, SURFACE ROOTS, AND DAMAGE TO MAJOR LIMBS.



TREE TO BE REMOVED. STRUCTURAL PROBLEMS THAT CAN'T BE CORRECTED THROUGH PRUNING.

TREE TO BE PRESERVED. SIDEWALK DAMAGE CAN BE CORRECTED BY ENLARGING TREE WELL TO LINE SHOWN IN RED.