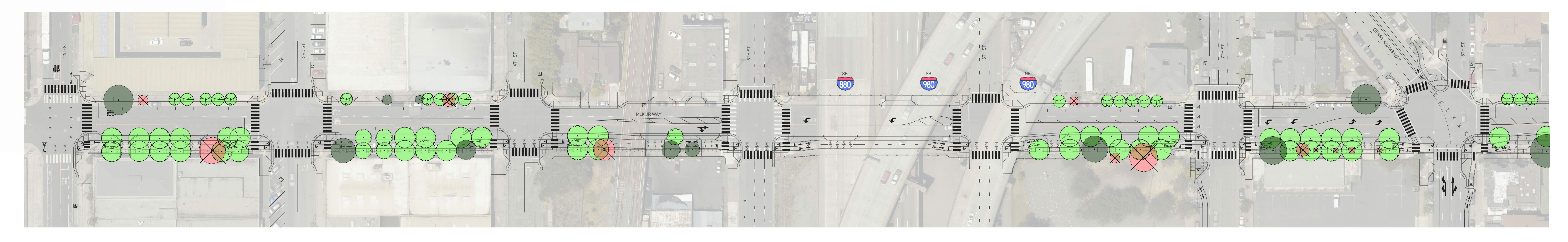
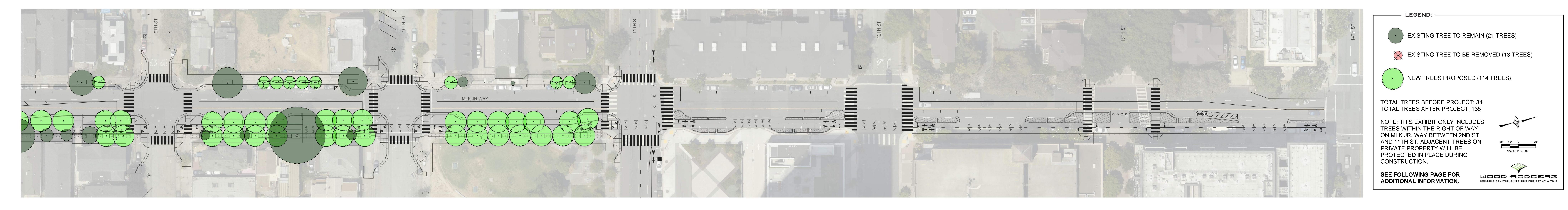
TREE EXHIBIT







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



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

TREE WELL MATERIALS

MATURE STREET TREES IN DECOMPOSED GRANITE

DECOMPOSED GRANITE (DG):

LARGE, HEALTHY TREES AND SAFE,

PROJECT FEATURES:

DAMAGE PAVING.

ACCESSIBLE SIDEWALKS ARE BOTH

ESSENTIAL TO A SUCCESSFUL STREET.

OF BOTH TREES AND SIDEWALKS, THIS

-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

INTO THE SOIL WHERE THEY WILL NOT

-LARGE SOIL VOLUMES TO PROVIDE

GROW HEALTHY ROOT SYSTEMS

STREET TREES WITH ENOUGH ROOM TO

TO DIRECT TREE ROOTS DEEPER

TO ENSURE THE LONG-TERM SUCCESS



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

EXISTING TREES: PRESERVATION AND REMOVAL

PRESERVING EXISTING TREES:

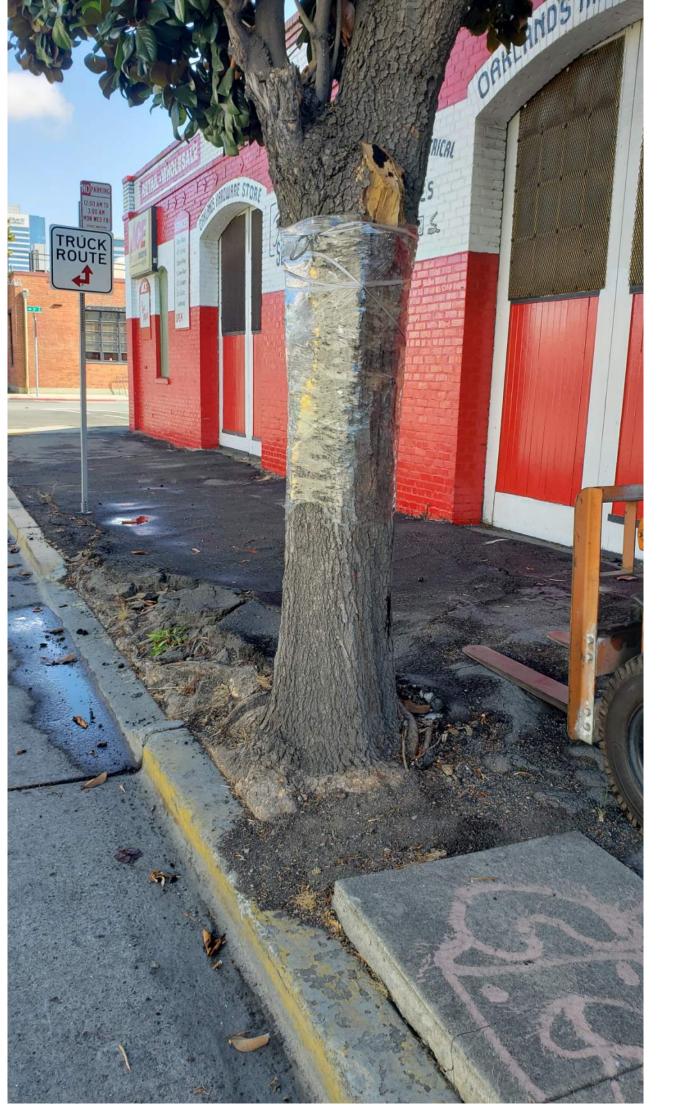
EXISTING TREES ON MLK JR. WAY WERE CAREFULLY ASSESSED DURING THE DESIGN PROCESS. WHENEVER POSSIBLE, EXISTING TREES WILL BE PRESERVED AND PROTECTED DURING CONSTRUCTION. TREE WELLS AT EXISTING TREES WILL BE ENLARGED AND ROOT BARRIERS WILL BE INSTALLED TO PROTECT SIDEWALKS FROM FUTURE ROOT DAMAGE.

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)

EXISTING TREE TO BE PRESERVED WITH ENLARGED TREE WELL



SIDEWALK DAMAGE, SURFACE ROOTS, AND DAMAGE TO MAJOR LIMBS.



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.



