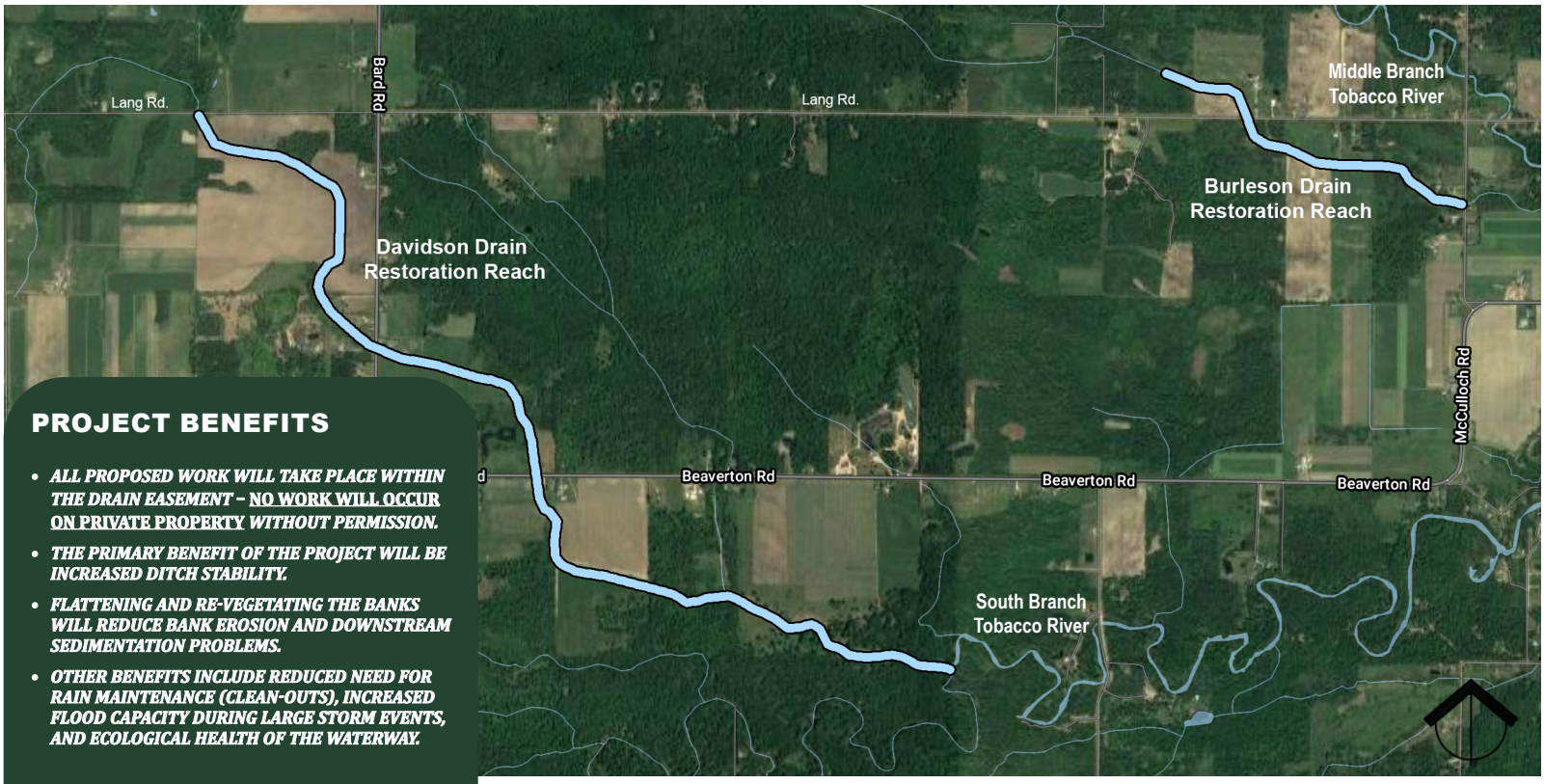
GLADWIN COUNTY
PROPOSED DRAIN PROJECTS MAP



PROJECT BENEFITS

- ***ALL PROPOSED WORK WILL TAKE PLACE WITHIN THE DRAIN EASEMENT – NO WORK WILL OCCUR ON PRIVATE PROPERTY WITHOUT PERMISSION.***
- ***THE PRIMARY BENEFIT OF THE PROJECT WILL BE INCREASED DITCH STABILITY.***
- ***FLATTENING AND RE-VEGETATING THE BANKS WILL REDUCE BANK EROSION AND DOWNSTREAM SEDIMENTATION PROBLEMS.***
- ***OTHER BENEFITS INCLUDE REDUCED NEED FOR RAIN MAINTENANCE (CLEAN-OUTS), INCREASED FLOOD CAPACITY DURING LARGE STORM EVENTS, AND ECOLOGICAL HEALTH OF THE WATERWAY.***

SUMMARY OF TREATMENTS

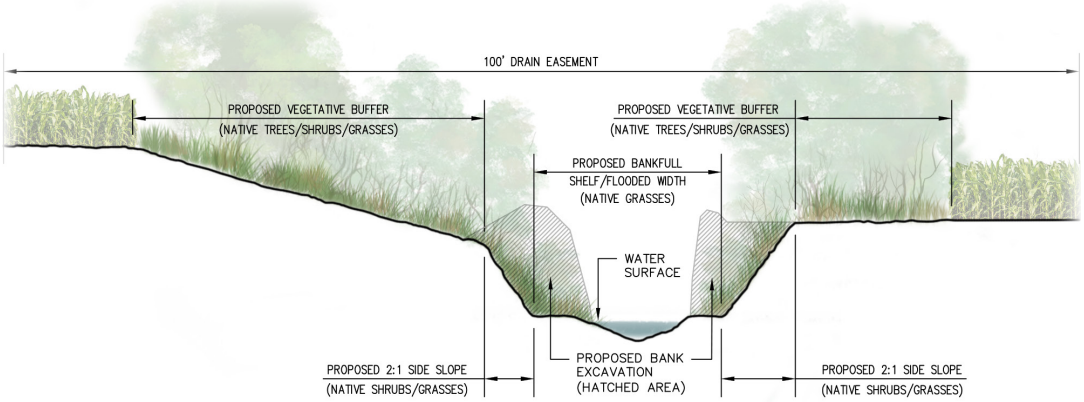
DAVIDSON DRAIN

- CONSTRUCT A TWO-STAGE CHANNEL.
- ESTABLISH VEGETATION AND HELP STABILIZE CONSTRUCTED FLOODPLAIN SHELVES AND SIDE-SLOPES.
- CONSTRUCT ROCK CHUTE GRADE STABILIZATION STRUCTURES TO ADDRESS SIDE INLET EROSION.
- RELOCATE FIELD DRAIN TILE OUTFALLS.
- REMOVE AND REPLACE PRIVATE ROAD CROSSINGS.

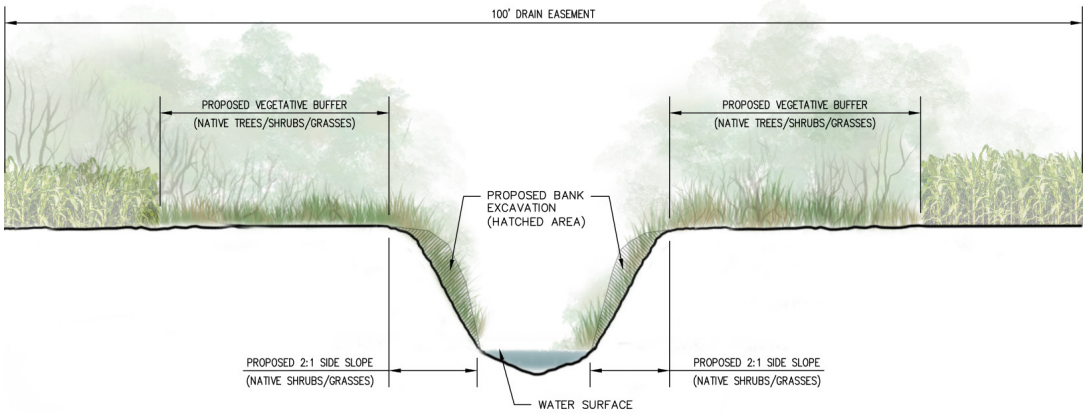
BURLESON DRAIN

- REGRADE BANKS TO 2H:1V SLOPE.
- RELOCATE FIELD DRAIN TILE OUTFALLS.
- ESTABLISH VEGETATION AND HELP STABILIZE CONSTRUCTED FLOODPLAIN SHELVES AND SIDE-SLOPES.
- CONSTRUCT ROCK CHUTE GRADE STABILIZATION STRUCTURES TO ADDRESS SIDE INLET EROSION.
- CONSTRUCT STEP-POOLS TO STABILIZE THE DRAIN.
- REMOVE AND REPLACE PRIVATE ROAD CROSSINGS.

Davidson Two-Stage Section



Burleson Stabilization Section



ANTICIPATED CONSTRUCTION LATE SUMMER/FALL 2021