

LAKE ASBURY: CLAY COUNTY PUBLIC WORKS FAILED DRAINAGE INFRASTRUCTURE

Estimated

AREA #	DESCRIPTION OF EXISTING CONDITIONS	REQUIRED IMPROVEMENTS	Cost
1	<ul style="list-style-type: none"> * EXPIRED CMP SERVICE LIFE (STUDY 25YR Q) * INADEQUATE PIPE END TREATMENT * IMPROPER GRADING * LACK OF DITCH PAVING W/DROP TREATMENT * INADEQUATE ENERGY DISAPATION & EROSION CONTROL * LACK OF ADEQUATE MAINTENANCE 	PIPE REPLACEMENT W/END TREATMENT, DITCH PAVING W/TURNDOWNS & DROP TREATMENT, RIP-RAP, TREE REMOVAL, REGRADING & SOD	80000
2	<ul style="list-style-type: none"> * EXPIRED CMP SERVICE LIFE (STUDY 25YR Q) * INADEQUATE DRAINAGE DESIGN * SUBSTANDARD DITCH PAVING * FAILED RETAINING WALL * LACK OF ADEQUATE MAINTENANCE 	PIPE REPLACEMENT W/END TREATMENT, ADDITIONAL DITCH PAVING W/TURNDOWNS, INLET, TREE REMOVAL, RETAINING WALL REMOVE AND REPLACE	70000
3	<ul style="list-style-type: none"> * EXPIRED CMP SERVICE LIFE (STUDY 25YR Q) * SUBSTANDARD DITCH PAVING * INADEQUATE ENERGY DISAPATION & EROSION CONTROL * LACK OF ADEQUATE MAINTENANCE 	COMPLETE CROSSING RECONSTRUCTION, DITCH PAVING W/TURNDOWNS & DROP TREATMENT, RIP-RAP, TREE REMOVAL, ASPHALT, CURB & GUARD RAIL	130000
4	<ul style="list-style-type: none"> * SUBSTANDARD DRAINAGE DESIGN (STUDT 25YR Q) * INADEQUATE ENERGY DISAPATION & EROSION CONTROL * LACK OF ADEQUATE MAINTENANCE 	ADDITIONAL INLET & PIPING, DIVERSION BERMS, TREE REMOVAL, HEADWALL W/ WINGS, INLET, UPSTREAM RETENTION	70000
5	<ul style="list-style-type: none"> * LAKE FINGER SILTATION 	DREDGING & SPOIL TRANSFER	150000
TOTAL			\$ 500000

FAILURE OF ALL FOUR (4) AREAS ABOVE HAVE RESULTED IN LAKE FINGER SILTATION DOWNSTREAM

- Area 1 - 287 Arthur Moore Dr
- Area 2 - 478 Branscomb Rd
- Area 3 - 166 Wesley Rd
- Area 4 - 780 Lake Asbury Dr