EXISTING 345KV LINE

EXISTING 138KV LINE

EXISTING ELECTRICAL DUCT BANK

EXISTING 25 KV ELECTRICAL FEEDER LINE – O.H.

FUTURE 138KV LINE

FUTURE ELECTRICAL DUCT BANK

TO BRAZOS NORTH GENERATION PLANT

INTEL SUBSTATION

ROANOKE SUBSTATION

ROANOKE WEST SUBSTATION

ROANOKE SWITCH / GATEWAY SUBSTATION

TO FOSSIL CREEK SUBSTATION

TO FOSSIL CREEK SUBSTATION

ALLIANCE SUBSTATION

TO KELLER–MAGNOLIA SUBSTATION

TO EULESS SWITCH

- ERCOT STATE–WIDE GRID SYSTEM PROVIDES MAXIMUM RELIABILITY.
- ACCESSIBLE TO MULTIPLE 345 KV and 138 KV TRANSMISSION LINES VIA SEPARATE SOURCES.
- 160 MW/25 KV ALLIANCE SUBSTATION, EXPANDABLE TO 320 MW.(TU ELECTRIC)
- ROANOKE SUBSTATION IS EXPANDABLE TO 160 MW AND PROVIDES BACKUP FOR ADDITIONAL SERVICE. (COSERV)
- ALLIANCE SUBSTATION IS BACKED UP BY TWO ADDITIONAL SUBSTATIONS, KELLER–MAGNOLIA AND FOSSIL CREEK.
- DUAL UNDERGROUND LOOP FEED AVAILABLE TO SITE.

Alliance®

# Electrical

ALLIANCE TEXAS

0 1500 3000 4500

GRAPHIC SCALE IN FEET

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