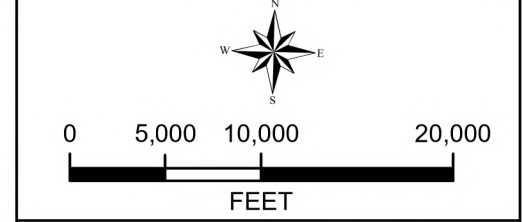


FIGURE 1
DETAILED ROUTE
DESCRIPTION MAP
BIG HILL SUBSTATION —
SAND LAKE SWITCH
765 KV TRANSMISSION LINE PROJECT

- LEGEND**
- SAND LAKE SWITCH
 - BIG HILL SUBSTATION
 - COUNTY BOUNDARY
 - STUDY AREA
 - NODE BETWEEN ADJACENT ROUTE LINKS
 - ALTERNATIVE ROUTE LINK
 - EXISTING TRANSMISSION LINE
 - PUCT-APPROVED TRANSMISSION LINE
 - MAJOR ROADWAY
 - MINOR ROADWAY
 - INTERSTATE HIGHWAY (IH)
 - STATE HIGHWAY (SH)
 - UNITED STATES HIGHWAY (US)
 - RAILROADS
 - STREAM / RIVER
 - WATERBODY
 - CITY LIMIT
 - UNINCORPORATED PLACE



SOURCE: RRC, 2024; TNRIS, 2024; USGS, 2024

STUDY AREA LOCATION

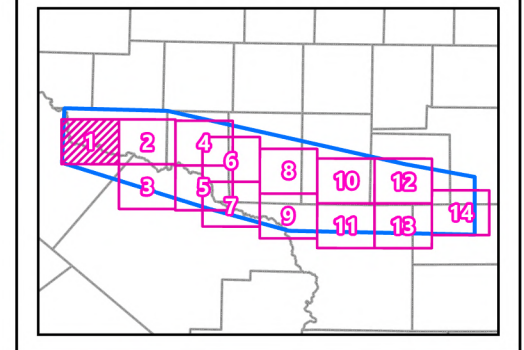


















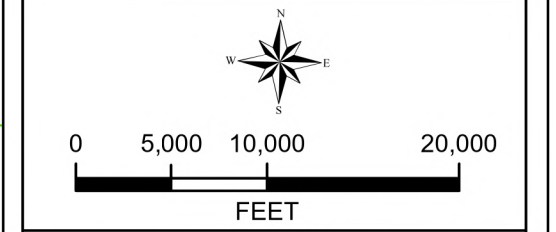


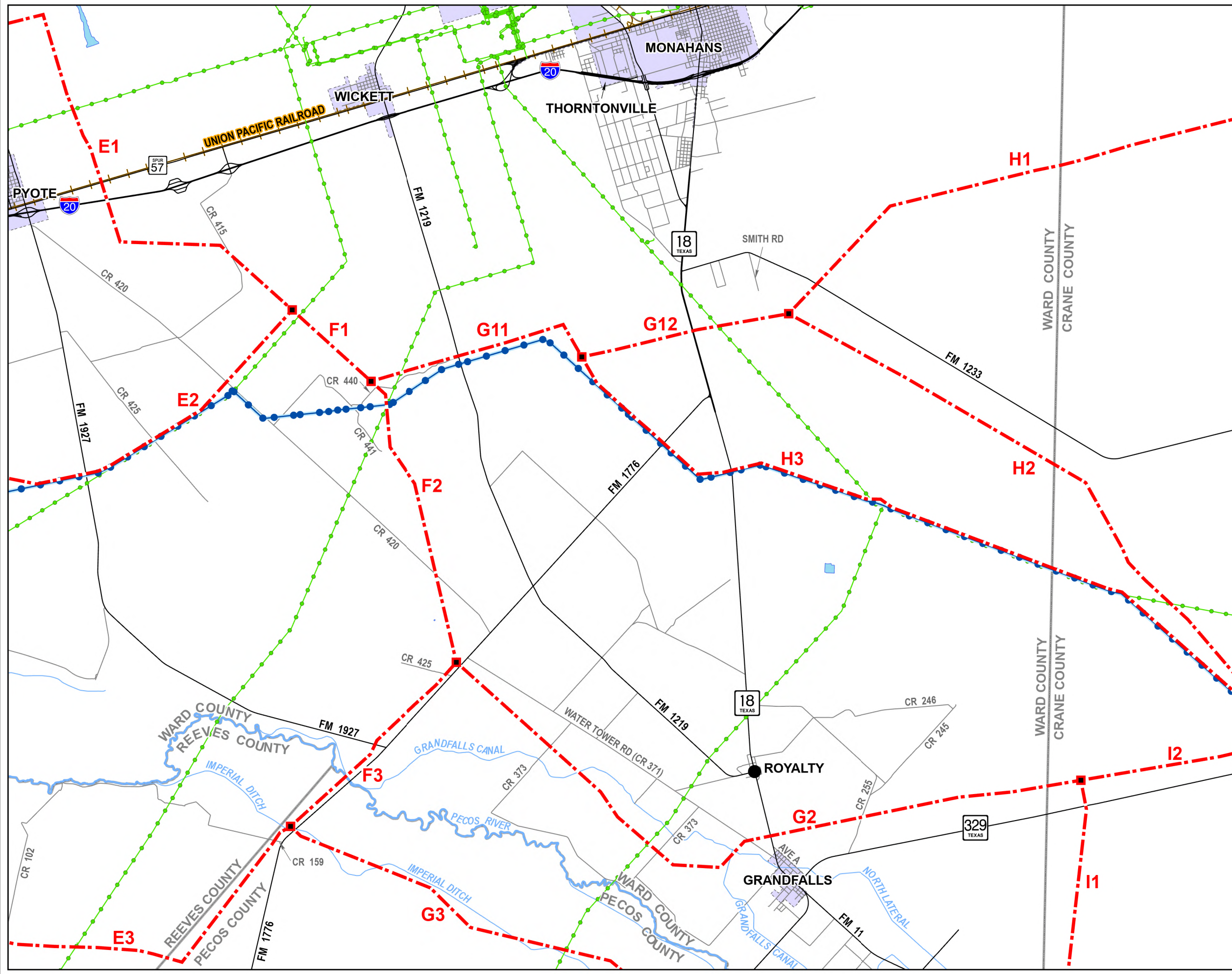
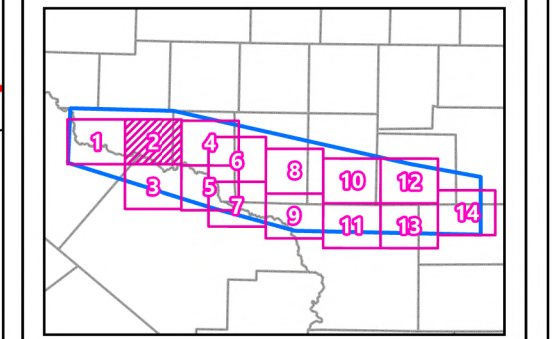
FIGURE 2
DETAILED ROUTE
DESCRIPTION MAP
BIG HILL SUBSTATION —
SAND LAKE SWITCH
765 KV TRANSMISSION LINE PROJECT

- LEGEND**
-  SAND LAKE SWITCH
 -  BIG HILL SUBSTATION
 -  COUNTY BOUNDARY
 -  STUDY AREA
 -  NODE BETWEEN ADJACENT ROUTE LINKS
 -  ALTERNATIVE ROUTE LINK
 -  EXISTING TRANSMISSION LINE
 -  PUCT-APPROVED TRANSMISSION LINE
 -  MAJOR ROADWAY
 -  MINOR ROADWAY
 -  INTERSTATE HIGHWAY (IH)
 -  STATE HIGHWAY (SH)
 -  UNITED STATES HIGHWAY (US)
 -  RAILROADS
 -  STREAM / RIVER
 -  WATERBODY
 -  CITY LIMIT
 -  UNINCORPORATED PLACE



SOURCE: RRC, 2024; TNRIS, 2024; USGS, 2024

STUDY AREA LOCATION



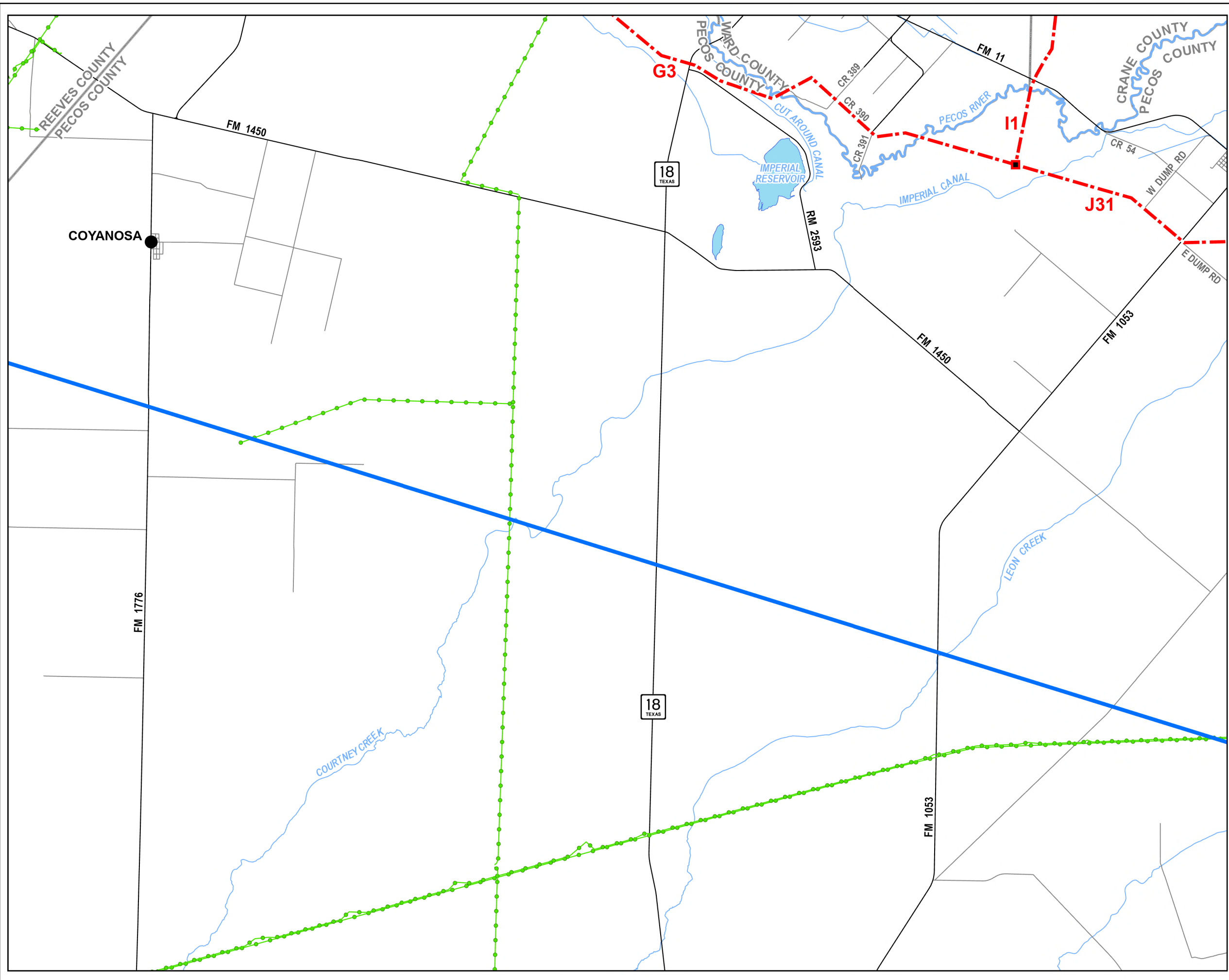
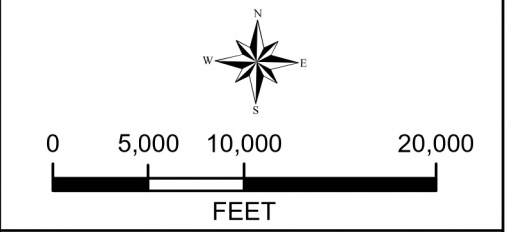


FIGURE 3
DETAILED ROUTE
DESCRIPTION MAP
BIG HILL SUBSTATION —
SAND LAKE SWITCH
765 KV TRANSMISSION LINE PROJECT

- LEGEND**
- SAND LAKE SWITCH
 - BIG HILL SUBSTATION
 - COUNTY BOUNDARY
 - STUDY AREA
 - NODE BETWEEN ADJACENT ROUTE LINKS
 - ALTERNATIVE ROUTE LINK
 - EXISTING TRANSMISSION LINE
 - PUCT-APPROVED TRANSMISSION LINE
 - MAJOR ROADWAY
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 - INTERSTATE HIGHWAY (IH)
 - STATE HIGHWAY (SH)
 - UNITED STATES HIGHWAY (US)
 - RAILROADS
 - STREAM / RIVER
 - WATERBODY
 - CITY LIMIT
 - UNINCORPORATED PLACE



SOURCE: RRC, 2024; TNRIS, 2024; USGS, 2024

STUDY AREA LOCATION

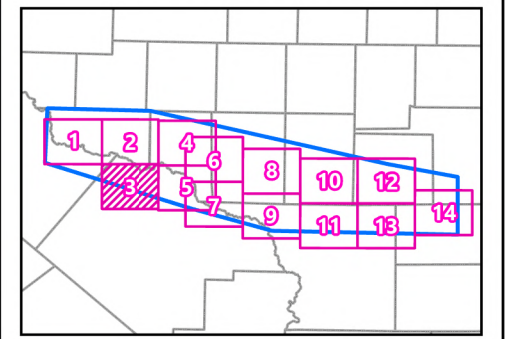


















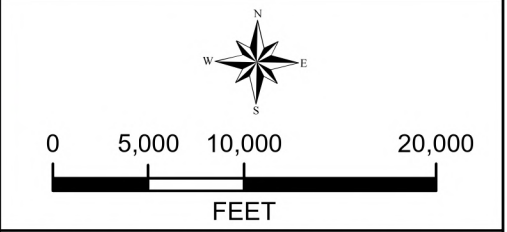


FIGURE 4
DETAILED ROUTE
DESCRIPTION MAP
BIG HILL SUBSTATION —
SAND LAKE SWITCH
765 KV TRANSMISSION LINE PROJECT

- LEGEND**
-  SAND LAKE SWITCH
 -  BIG HILL SUBSTATION
 -  COUNTY BOUNDARY
 -  STUDY AREA
 -  NODE BETWEEN ADJACENT ROUTE LINKS
 -  ALTERNATIVE ROUTE LINK
 -  EXISTING TRANSMISSION LINE
 -  PUCT-APPROVED TRANSMISSION LINE
 -  MAJOR ROADWAY
 -  MINOR ROADWAY
 -  INTERSTATE HIGHWAY (IH)
 -  STATE HIGHWAY (SH)
 -  UNITED STATES HIGHWAY (US)
 -  RAILROADS
 -  STREAM / RIVER
 -  WATERBODY
 -  CITY LIMIT
 -  UNINCORPORATED PLACE



SOURCE: RRC, 2024; TNRIS, 2024; USGS, 2024

STUDY AREA LOCATION

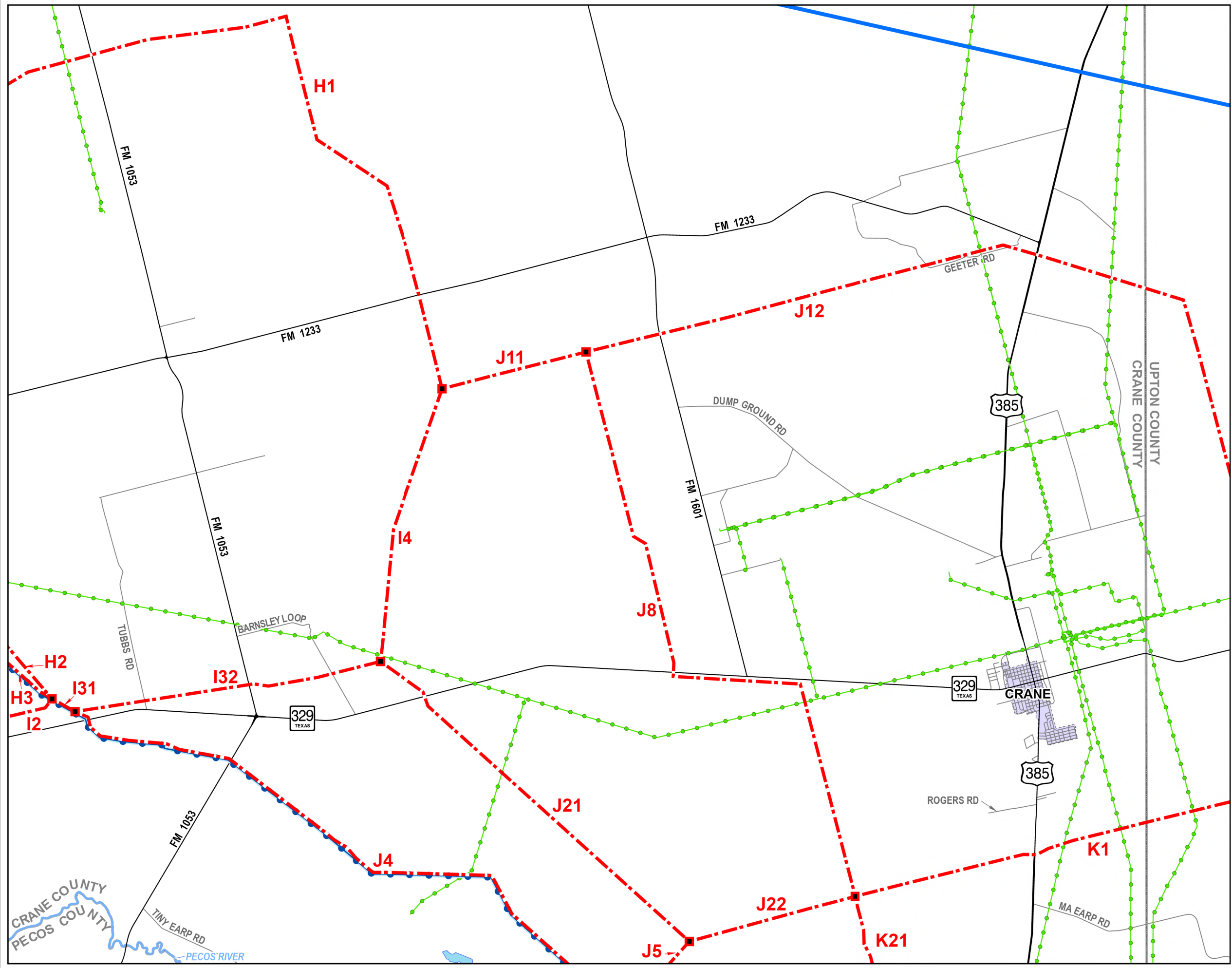
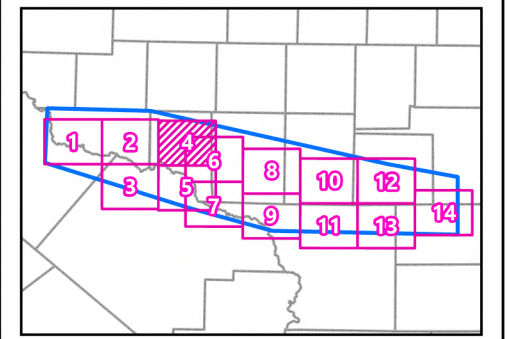
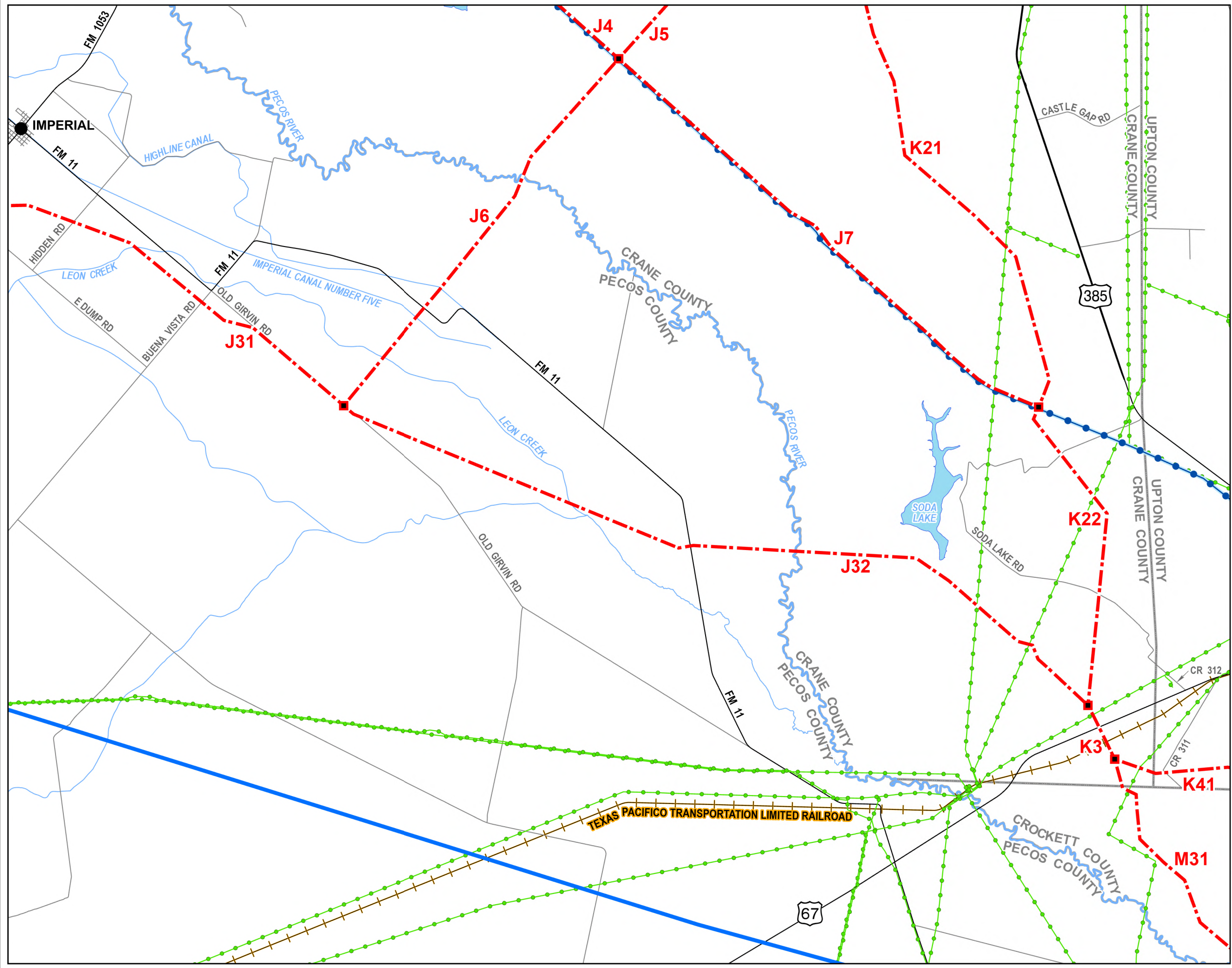
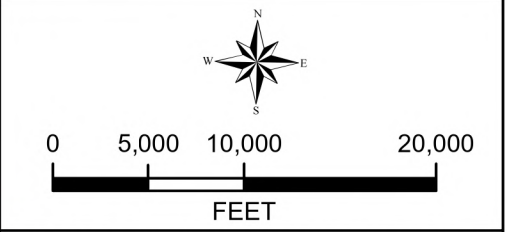


FIGURE 5
DETAILED ROUTE
DESCRIPTION MAP
BIG HILL SUBSTATION —
SAND LAKE SWITCH
765 KV TRANSMISSION LINE PROJECT



- LEGEND**
- SAND LAKE SWITCH
 - BIG HILL SUBSTATION
 - COUNTY BOUNDARY
 - STUDY AREA
 - NODE BETWEEN ADJACENT ROUTE LINKS
 - ALTERNATIVE ROUTE LINK
 - EXISTING TRANSMISSION LINE
 - PUCT-APPROVED TRANSMISSION LINE
 - MAJOR ROADWAY
 - MINOR ROADWAY
 - INTERSTATE HIGHWAY (IH)
 - STATE HIGHWAY (SH)
 - UNITED STATES HIGHWAY (US)
 - RAILROADS
 - STREAM / RIVER
 - WATERBODY
 - CITY LIMIT
 - UNINCORPORATED PLACE



SOURCE: RRC, 2024; TNRIS, 2024; USGS, 2024

STUDY AREA LOCATION

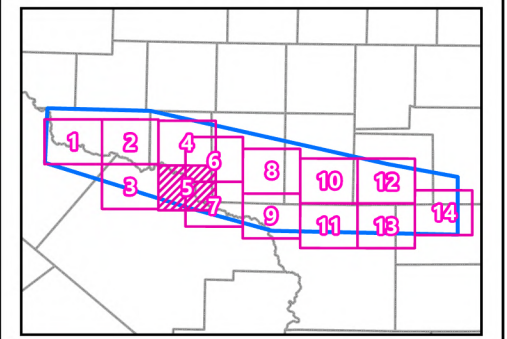


















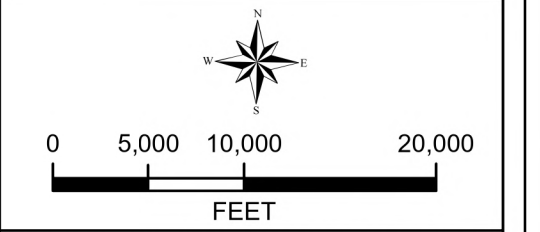


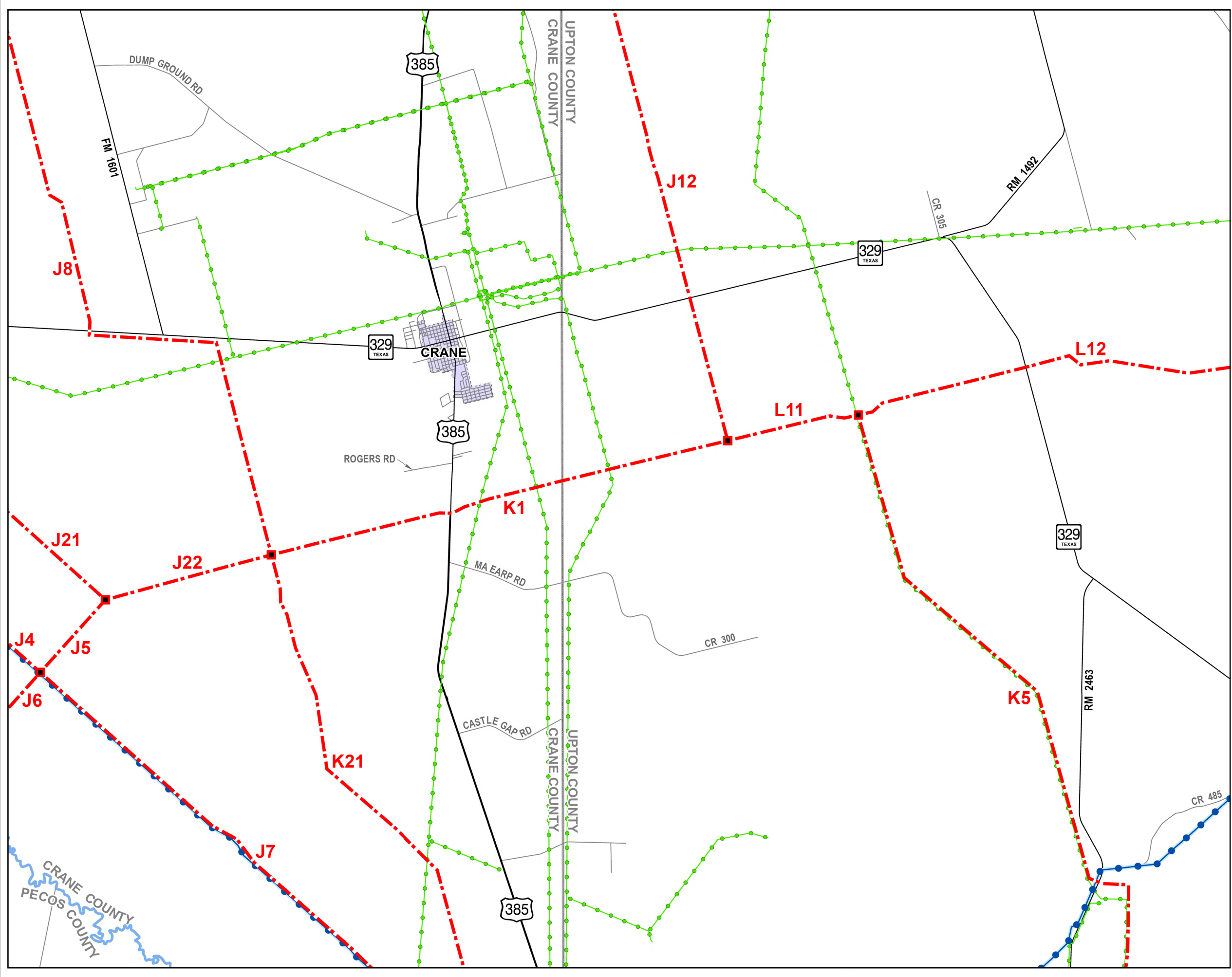
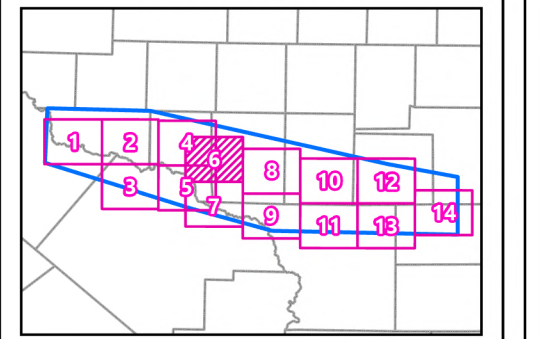
FIGURE 6
DETAILED ROUTE
DESCRIPTION MAP
BIG HILL SUBSTATION —
SAND LAKE SWITCH
765 KV TRANSMISSION LINE PROJECT

- LEGEND**
-  SAND LAKE SWITCH
 -  BIG HILL SUBSTATION
 -  COUNTY BOUNDARY
 -  STUDY AREA
 -  NODE BETWEEN ADJACENT ROUTE LINKS
 -  ALTERNATIVE ROUTE LINK
 -  EXISTING TRANSMISSION LINE
 -  PUCT-APPROVED TRANSMISSION LINE
 -  MAJOR ROADWAY
 -  MINOR ROADWAY
 -  INTERSTATE HIGHWAY (IH)
 -  STATE HIGHWAY (SH)
 -  UNITED STATES HIGHWAY (US)
 -  RAILROADS
 -  STREAM / RIVER
 -  WATERBODY
 -  CITY LIMIT
 -  UNINCORPORATED PLACE



SOURCE: RRC, 2024; TNRIS, 2024; USGS, 2024

STUDY AREA LOCATION





















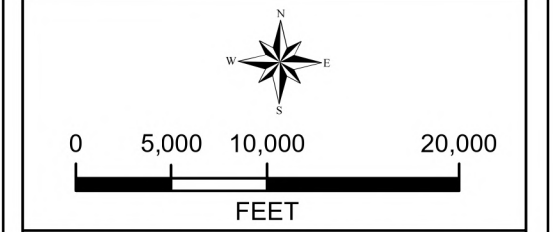


LCRA TRANSMISSION SERVICES CORPORATION




FIGURE 7
DETAILED ROUTE
DESCRIPTION MAP
BIG HILL SUBSTATION —
SAND LAKE SWITCH
765 KV TRANSMISSION LINE PROJECT

- LEGEND**
-  SAND LAKE SWITCH
 -  BIG HILL SUBSTATION
 -  COUNTY BOUNDARY
 -  STUDY AREA
 -  NODE BETWEEN ADJACENT ROUTE LINKS
 -  ALTERNATIVE ROUTE LINK
 -  EXISTING TRANSMISSION LINE
 -  PUCT-APPROVED TRANSMISSION LINE
 -  MAJOR ROADWAY
 -  MINOR ROADWAY
 -  INTERSTATE HIGHWAY (IH)
 -  STATE HIGHWAY (SH)
 -  UNITED STATES HIGHWAY (US)
 -  RAILROADS
 -  STREAM / RIVER
 -  WATERBODY
 -  CITY LIMIT
 -  UNINCORPORATED PLACE



SOURCE: RRC, 2024; TNRIS, 2024; USGS, 2024

STUDY AREA LOCATION

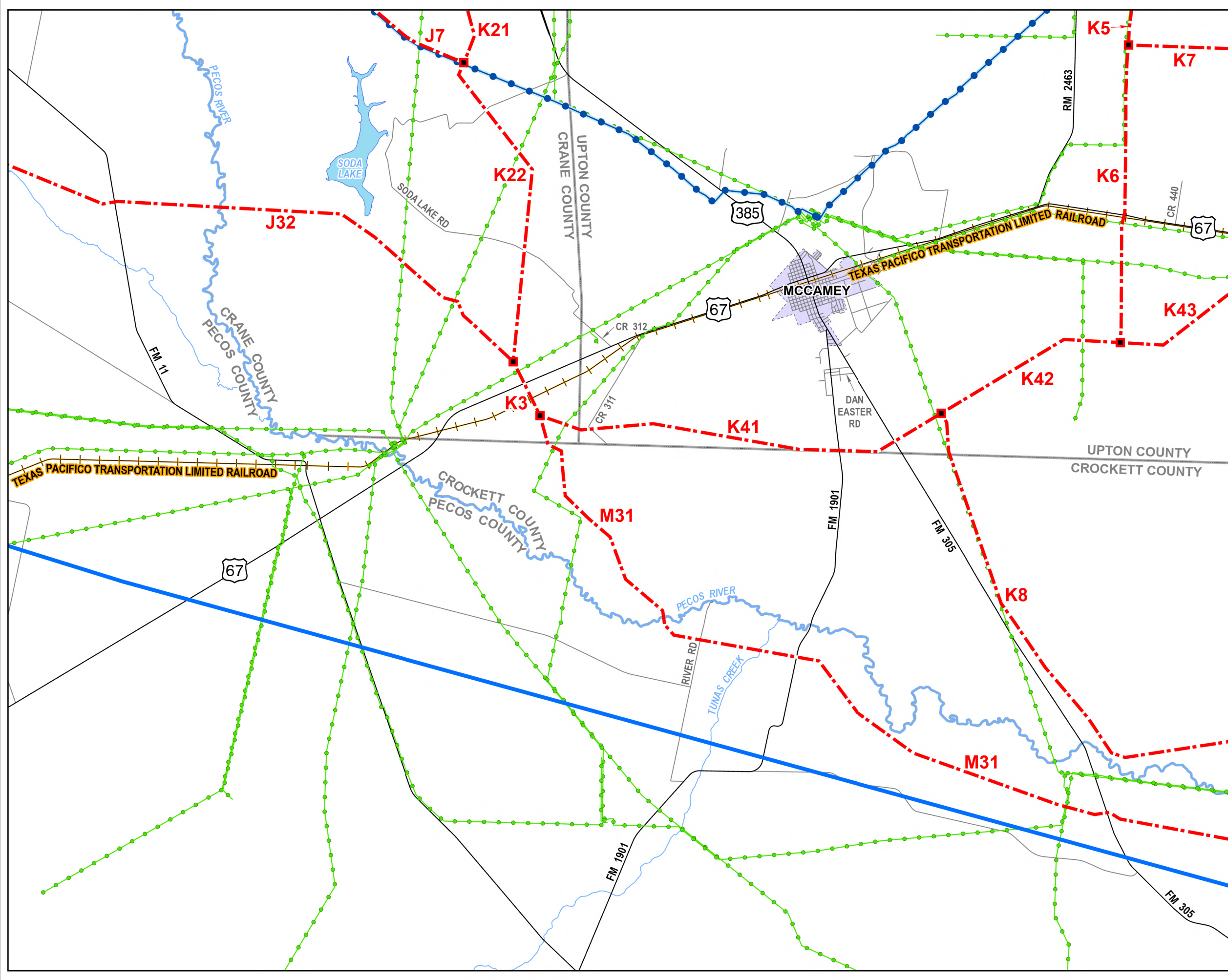
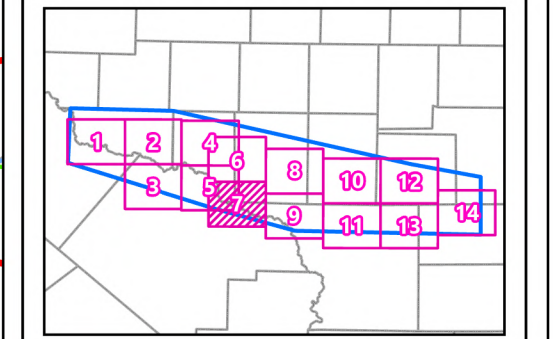


















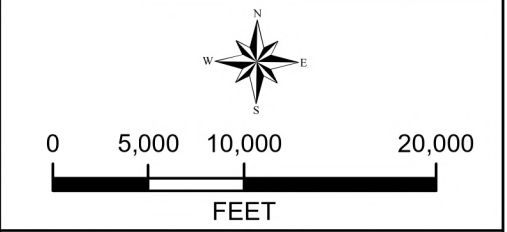


FIGURE 8
DETAILED ROUTE
DESCRIPTION MAP
BIG HILL SUBSTATION —
SAND LAKE SWITCH
765 KV TRANSMISSION LINE PROJECT

- LEGEND**
-  SAND LAKE SWITCH
 -  BIG HILL SUBSTATION
 -  COUNTY BOUNDARY
 -  STUDY AREA
 -  NODE BETWEEN ADJACENT ROUTE LINKS
 -  ALTERNATIVE ROUTE LINK
 -  EXISTING TRANSMISSION LINE
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 -  MINOR ROADWAY
 -  INTERSTATE HIGHWAY (IH)
 -  STATE HIGHWAY (SH)
 -  UNITED STATES HIGHWAY (US)
 -  RAILROADS
 -  STREAM / RIVER
 -  WATERBODY
 -  CITY LIMIT
 -  UNINCORPORATED PLACE



SOURCE: RRC, 2024; TNRIS, 2024; USGS, 2024

STUDY AREA LOCATION

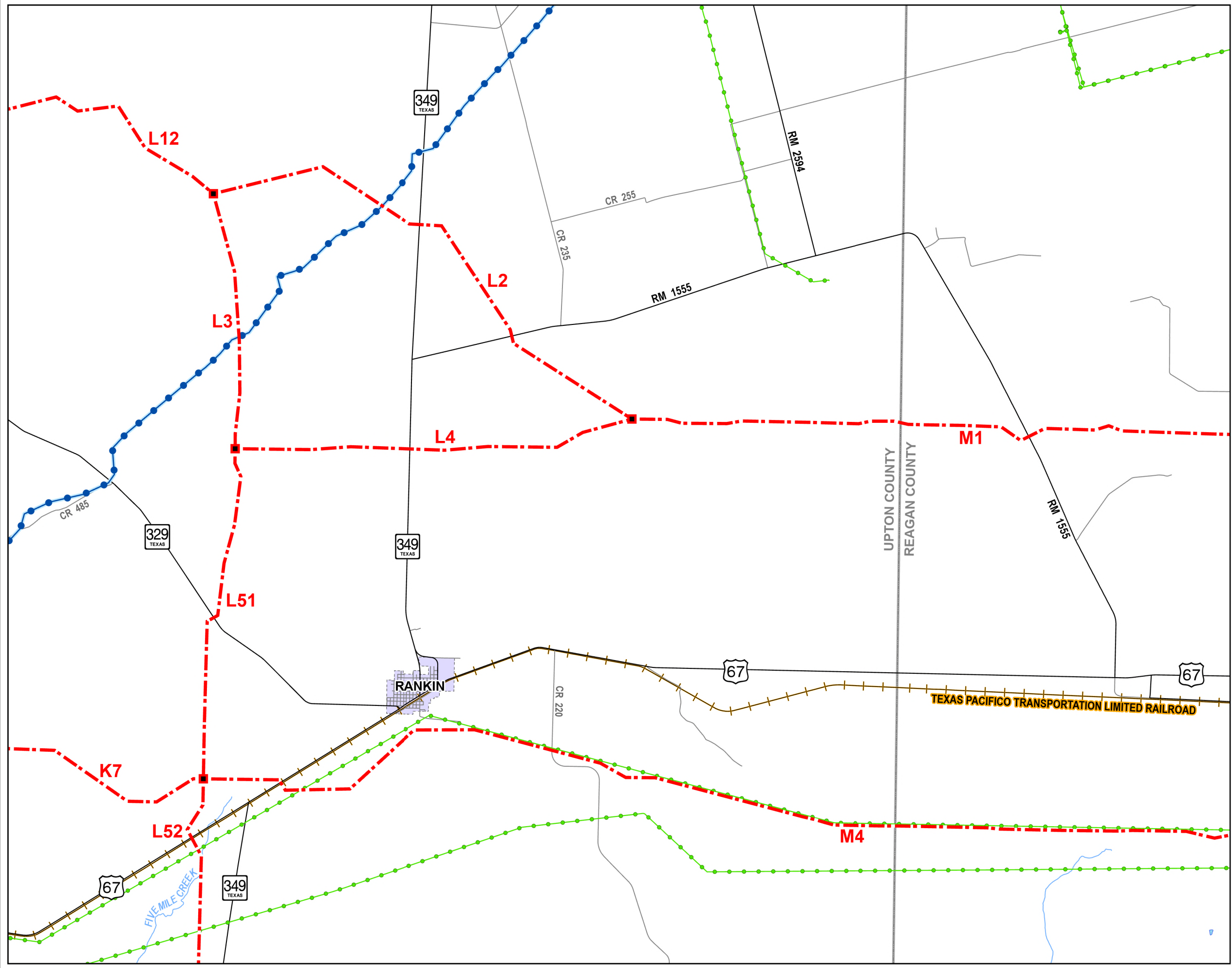
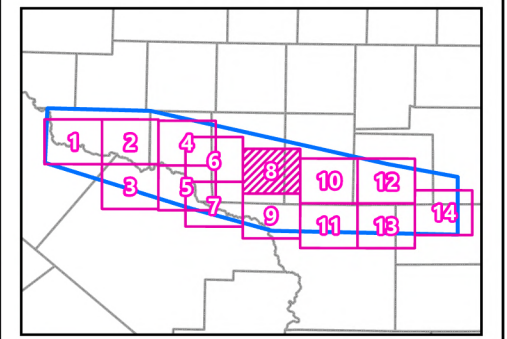


















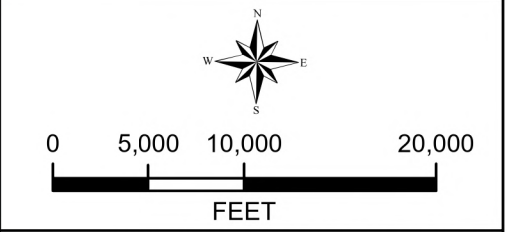


FIGURE 9
DETAILED ROUTE
DESCRIPTION MAP
BIG HILL SUBSTATION —
SAND LAKE SWITCH
765 KV TRANSMISSION LINE PROJECT

LEGEND

-  SAND LAKE SWITCH
-  BIG HILL SUBSTATION
-  COUNTY BOUNDARY
-  STUDY AREA
-  NODE BETWEEN ADJACENT ROUTE LINKS
-  ALTERNATIVE ROUTE LINK
-  EXISTING TRANSMISSION LINE
-  PUCT-APPROVED TRANSMISSION LINE
-  MAJOR ROADWAY
-  MINOR ROADWAY
-  INTERSTATE HIGHWAY (IH)
-  STATE HIGHWAY (SH)
-  UNITED STATES HIGHWAY (US)
-  RAILROADS
-  STREAM / RIVER
-  WATERBODY
-  CITY LIMIT
-  UNINCORPORATED PLACE



SOURCE: RRC, 2024; TNRIS, 2024; USGS, 2024

STUDY AREA LOCATION

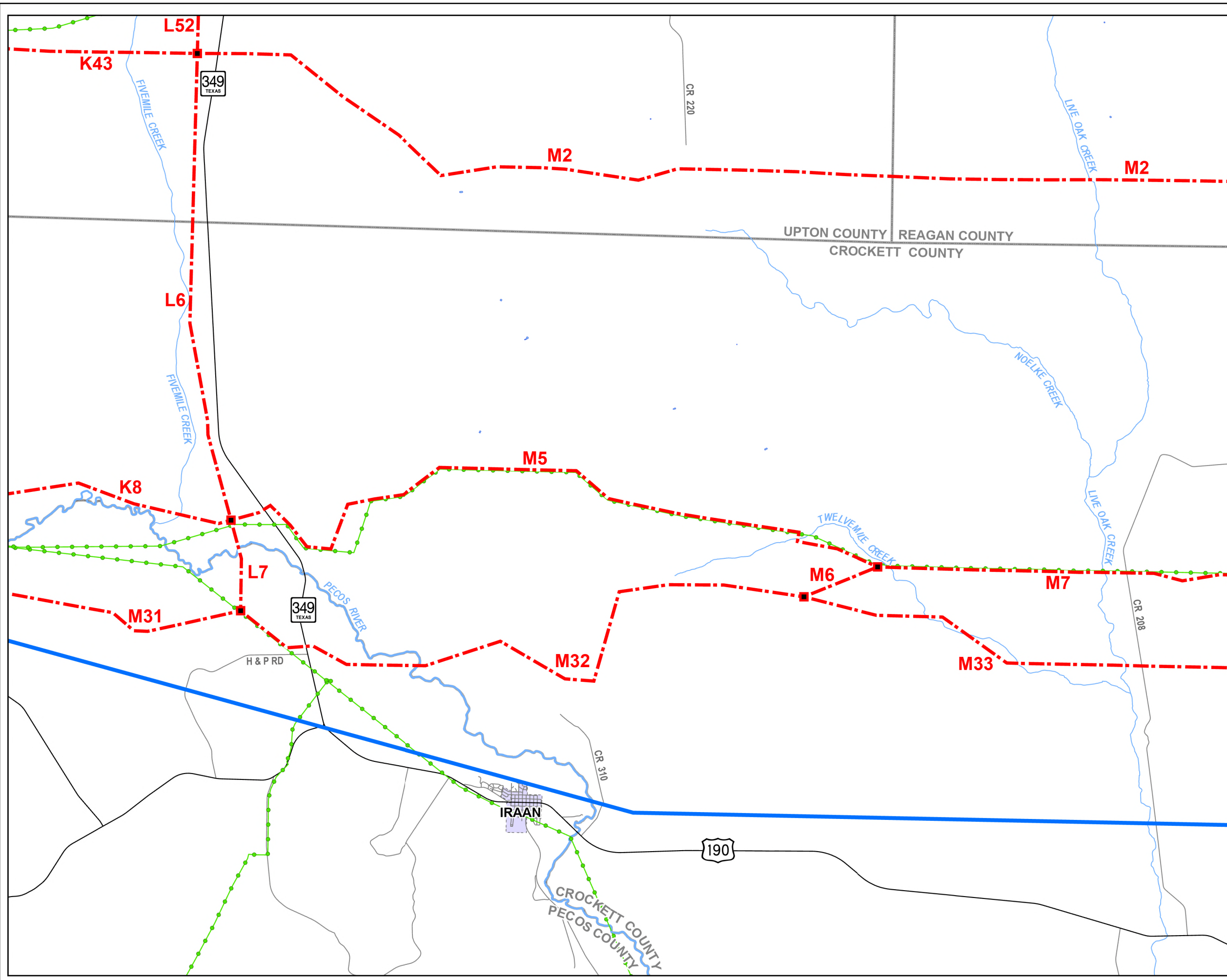
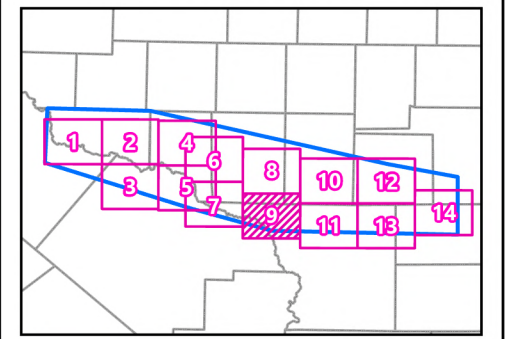




















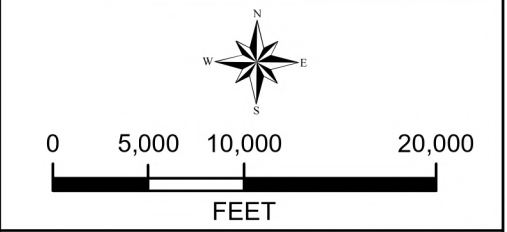





FIGURE 10
DETAILED ROUTE
DESCRIPTION MAP
BIG HILL SUBSTATION —
SAND LAKE SWITCH
765 KV TRANSMISSION LINE PROJECT

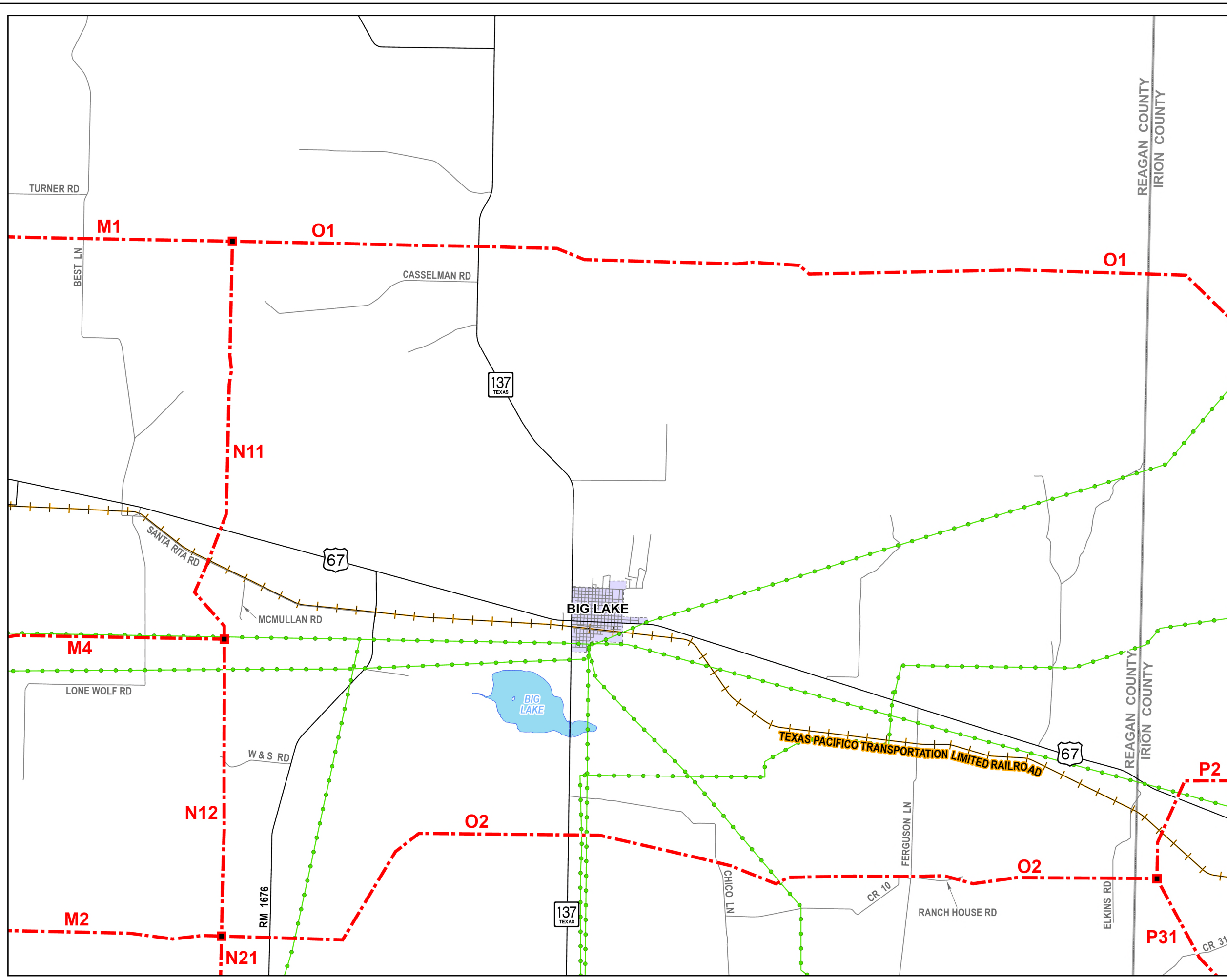
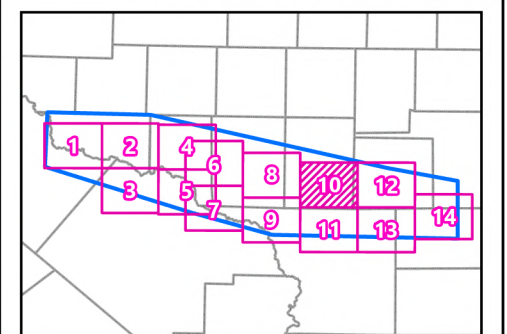
LEGEND

-  SAND LAKE SWITCH
-  BIG HILL SUBSTATION
-  COUNTY BOUNDARY
-  STUDY AREA
-  NODE BETWEEN ADJACENT ROUTE LINKS
-  ALTERNATIVE ROUTE LINK
-  EXISTING TRANSMISSION LINE
-  PUCT-APPROVED TRANSMISSION LINE
-  MAJOR ROADWAY
-  MINOR ROADWAY
-  INTERSTATE HIGHWAY (IH)
-  STATE HIGHWAY (SH)
-  UNITED STATES HIGHWAY (US)
-  RAILROADS
-  STREAM / RIVER
-  WATERBODY
-  CITY LIMIT
-  UNINCORPORATED PLACE



SOURCE: RRC, 2024; TNRIS, 2024; USGS, 2024

STUDY AREA LOCATION



halff Kimley Horn
 LCRA ONCOR
 LCRA TRANSMISSION SERVICES CORPORATION

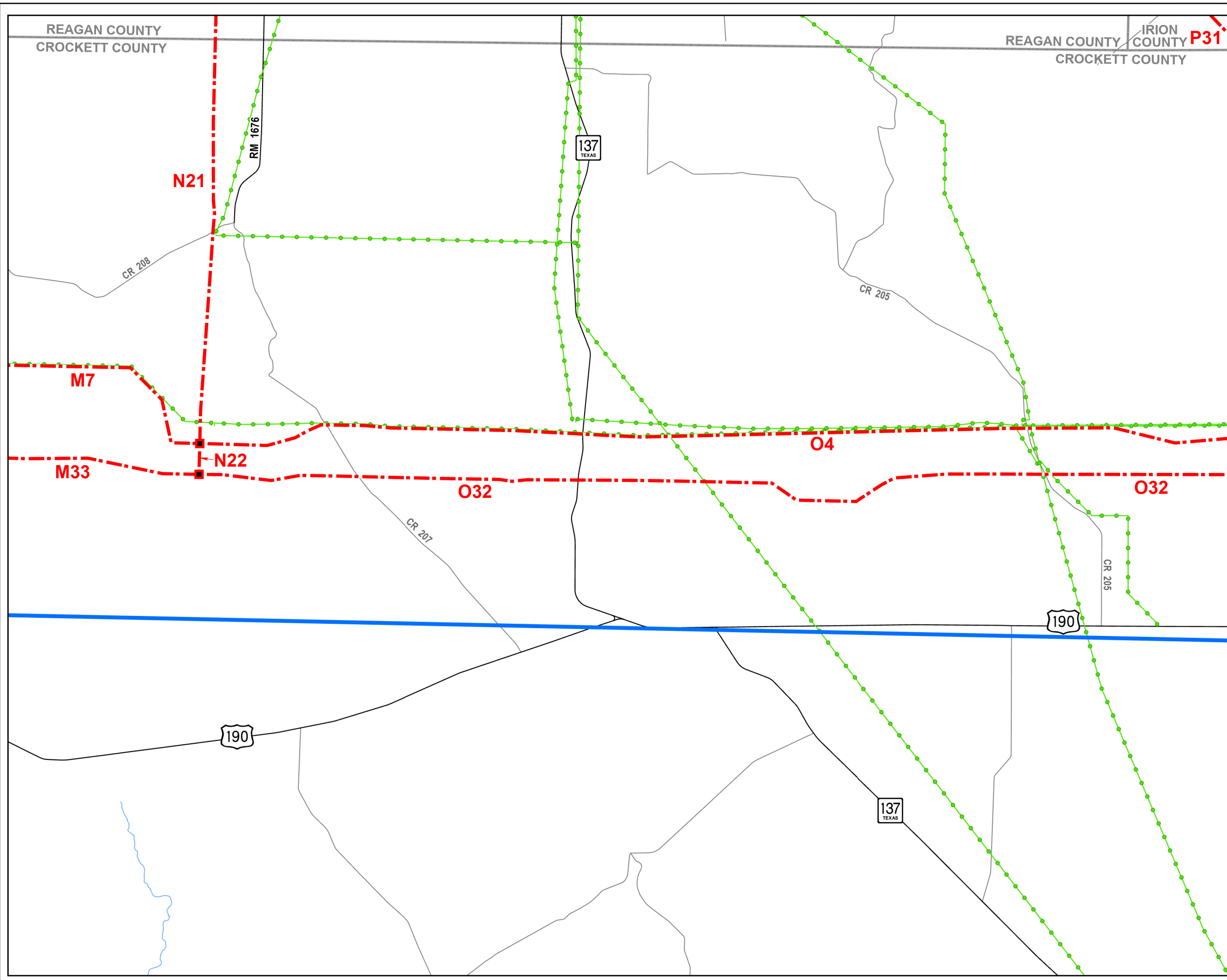
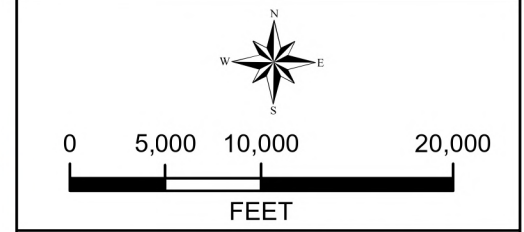


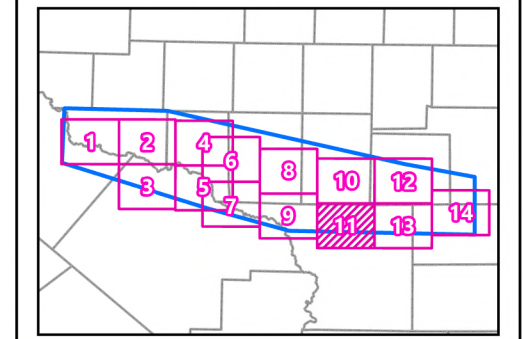
FIGURE 11
DETAILED ROUTE
DESCRIPTION MAP
BIG HILL SUBSTATION —
SAND LAKE SWITCH
765 KV TRANSMISSION LINE PROJECT

- LEGEND**
- SAND LAKE SWITCH
 - BIG HILL SUBSTATION
 - COUNTY BOUNDARY
 - STUDY AREA
 - NODE BETWEEN ADJACENT ROUTE LINKS
 - ALTERNATIVE ROUTE LINK
 - EXISTING TRANSMISSION LINE
 - PUCT-APPROVED TRANSMISSION LINE
 - MAJOR ROADWAY
 - MINOR ROADWAY
 - INTERSTATE HIGHWAY (IH)
 - STATE HIGHWAY (SH)
 - UNITED STATES HIGHWAY (US)
 - RAILROADS
 - STREAM / RIVER
 - WATERBODY
 - CITY LIMIT
 - UNINCORPORATED PLACE



SOURCE: RRC, 2024; TNRIS, 2024; USGS, 2024

STUDY AREA LOCATION



IRION COUNTY

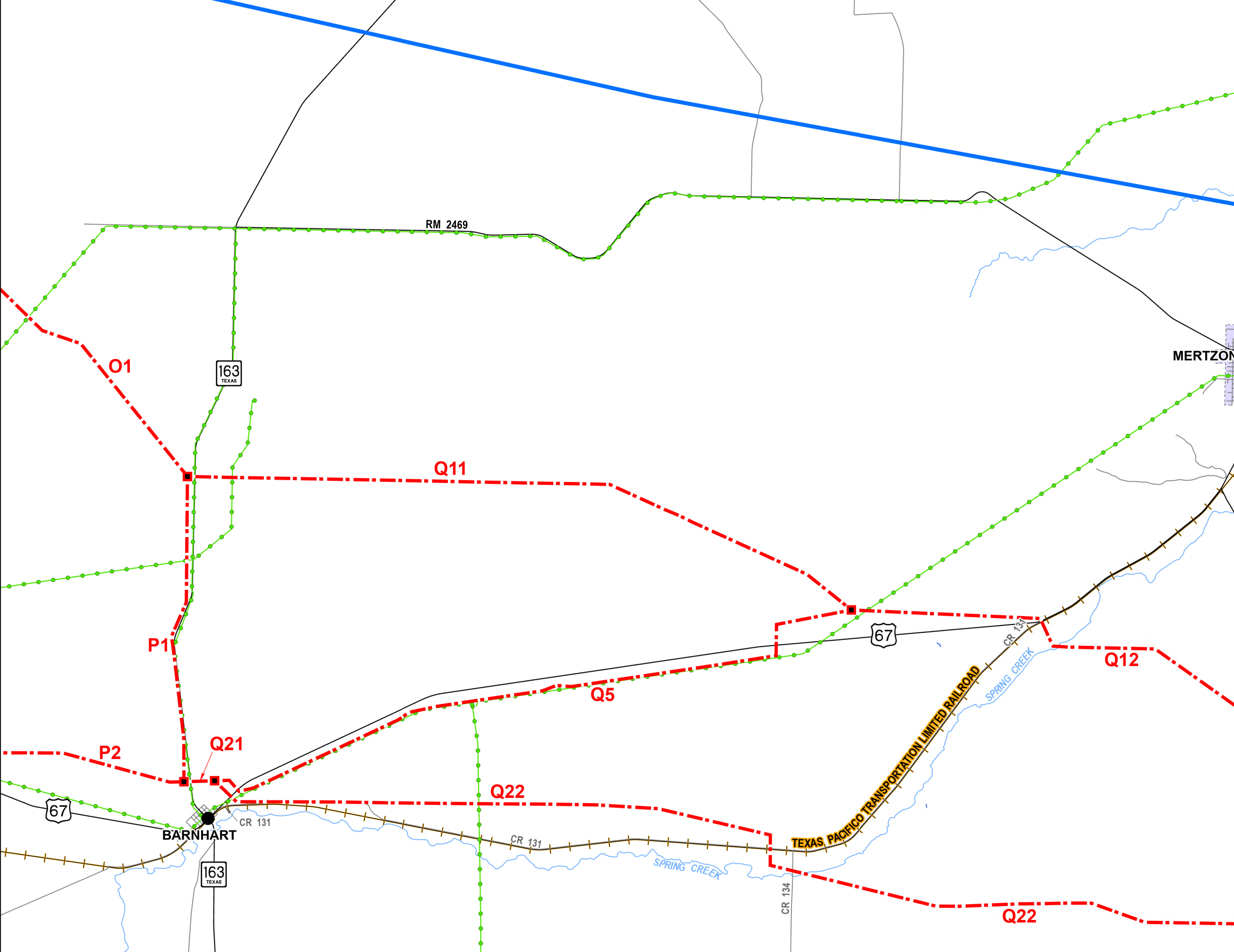
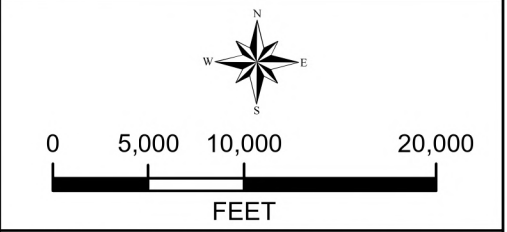


FIGURE 12
DETAILED ROUTE
DESCRIPTION MAP
BIG HILL SUBSTATION —
SAND LAKE SWITCH
765 KV TRANSMISSION LINE PROJECT

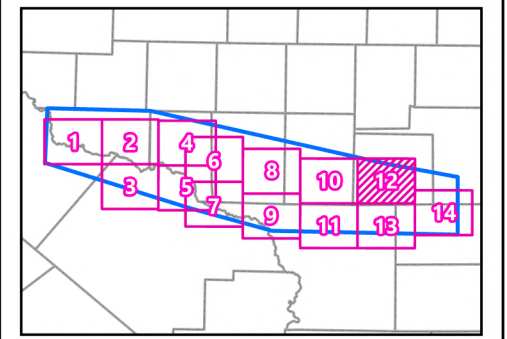
LEGEND

- SAND LAKE SWITCH
- BIG HILL SUBSTATION
- COUNTY BOUNDARY
- STUDY AREA
- NODE BETWEEN ADJACENT ROUTE LINKS
- ALTERNATIVE ROUTE LINK
- EXISTING TRANSMISSION LINE
- PUCT-APPROVED TRANSMISSION LINE
- MAJOR ROADWAY
- MINOR ROADWAY
- INTERSTATE HIGHWAY (IH)
- STATE HIGHWAY (SH)
- UNITED STATES HIGHWAY (US)
- RAILROADS
- STREAM / RIVER
- WATERBODY
- CITY LIMIT
- UNINCORPORATED PLACE



SOURCE: RRC, 2024; TNRIS, 2024; USGS, 2024

STUDY AREA LOCATION



The bottom right corner contains logos for the project partners: halff, Kimley Horn, LCRA TRANSMISSION SERVICES CORPORATION, and ONCOR.

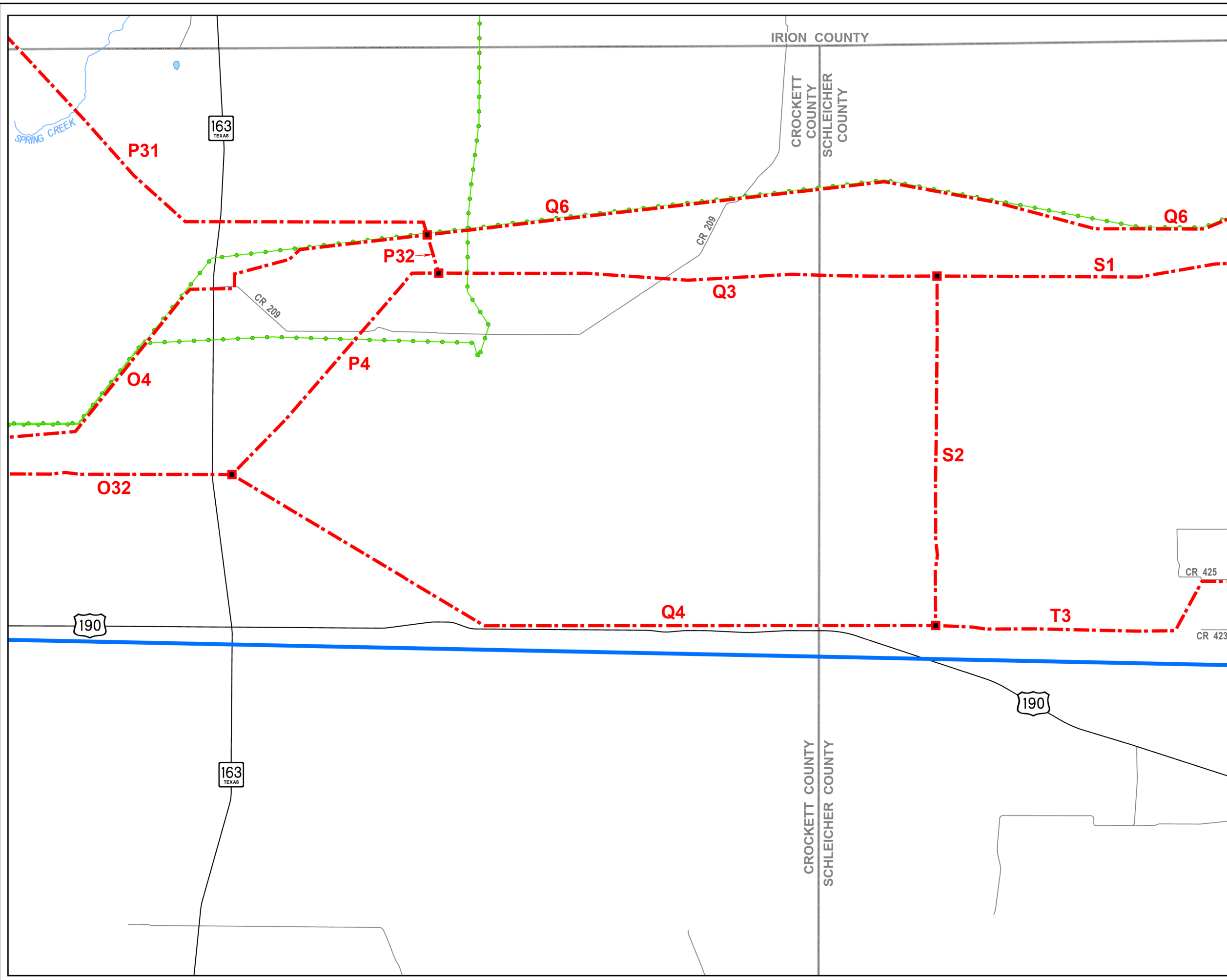
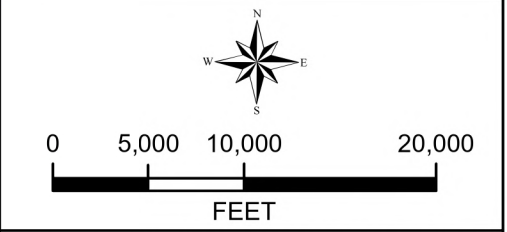


FIGURE 13
DETAILED ROUTE
DESCRIPTION MAP
BIG HILL SUBSTATION —
SAND LAKE SWITCH
765 KV TRANSMISSION LINE PROJECT

- LEGEND**
- SAND LAKE SWITCH
 - BIG HILL SUBSTATION
 - COUNTY BOUNDARY
 - STUDY AREA
 - NODE BETWEEN ADJACENT ROUTE LINKS
 - ALTERNATIVE ROUTE LINK
 - EXISTING TRANSMISSION LINE
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 - INTERSTATE HIGHWAY (IH)
 - STATE HIGHWAY (SH)
 - UNITED STATES HIGHWAY (US)
 - RAILROADS
 - STREAM / RIVER
 - WATERBODY
 - CITY LIMIT
 - UNINCORPORATED PLACE



SOURCE: RRC, 2024; TNRIS, 2024; USGS, 2024

STUDY AREA LOCATION

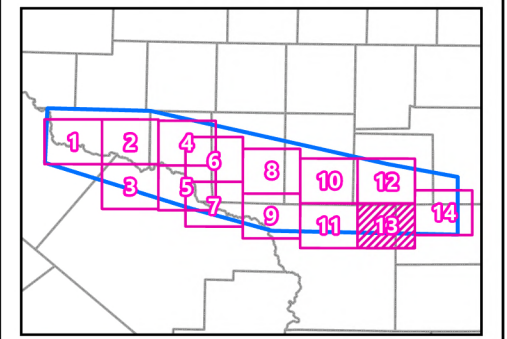


















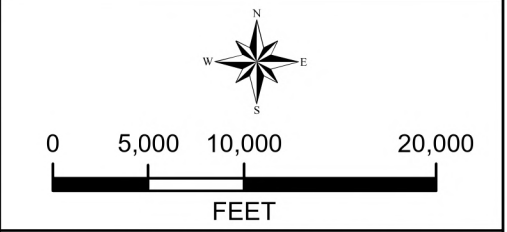


FIGURE 14
DETAILED ROUTE
DESCRIPTION MAP
BIG HILL SUBSTATION —
SAND LAKE SWITCH
765 KV TRANSMISSION LINE PROJECT

LEGEND

-  SAND LAKE SWITCH
-  BIG HILL SUBSTATION
-  COUNTY BOUNDARY
-  STUDY AREA
-  NODE BETWEEN ADJACENT ROUTE LINKS
-  ALTERNATIVE ROUTE LINK
-  EXISTING TRANSMISSION LINE
-  PUCT-APPROVED TRANSMISSION LINE
-  MAJOR ROADWAY
-  MINOR ROADWAY
-  INTERSTATE HIGHWAY (IH)
-  STATE HIGHWAY (SH)
-  UNITED STATES HIGHWAY (US)
-  RAILROADS
-  STREAM / RIVER
-  WATERBODY
-  CITY LIMIT
-  UNINCORPORATED PLACE



SOURCE: RRC, 2024; TNRIS, 2024; USGS, 2024

STUDY AREA LOCATION

