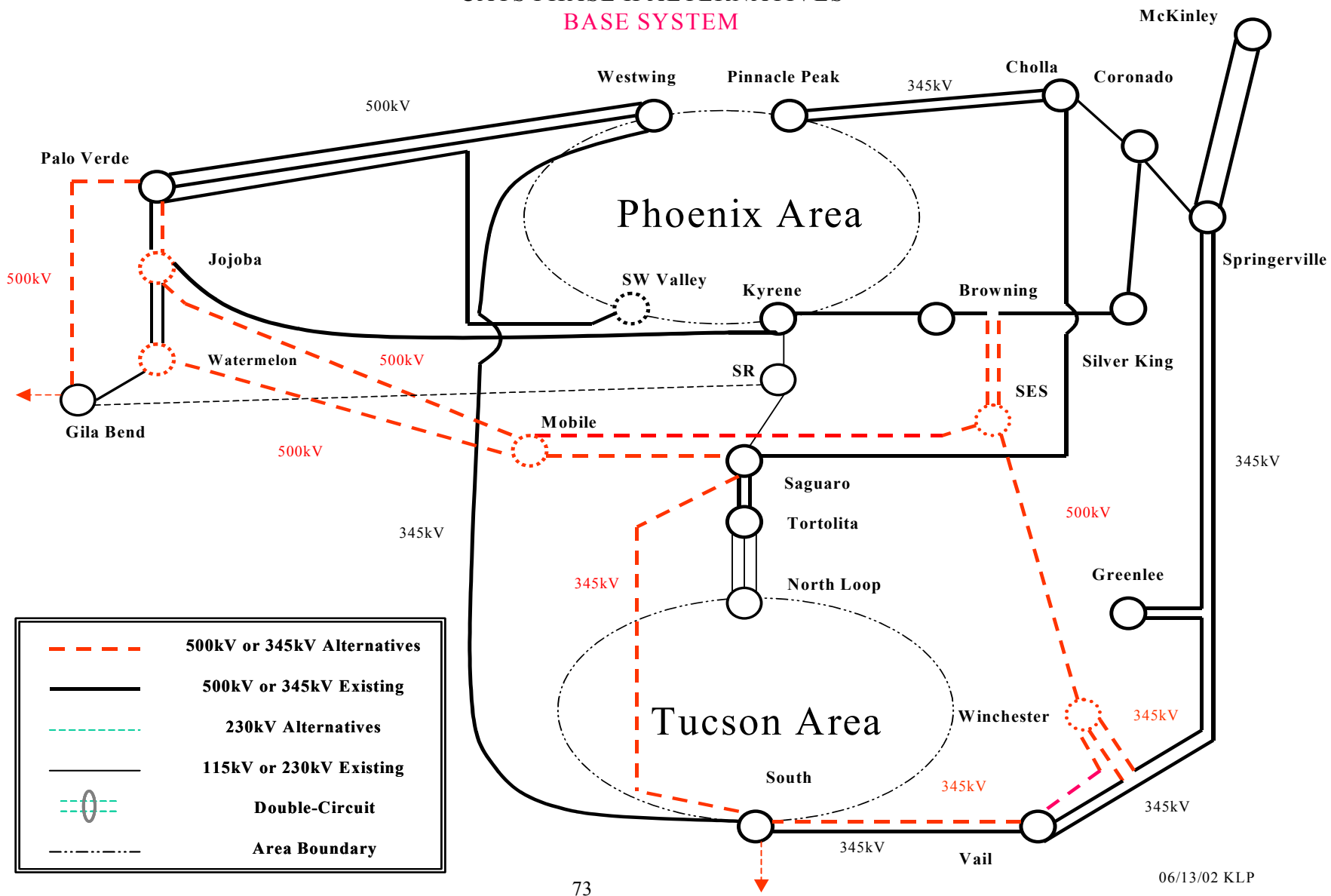


Appendices

Appendix 1

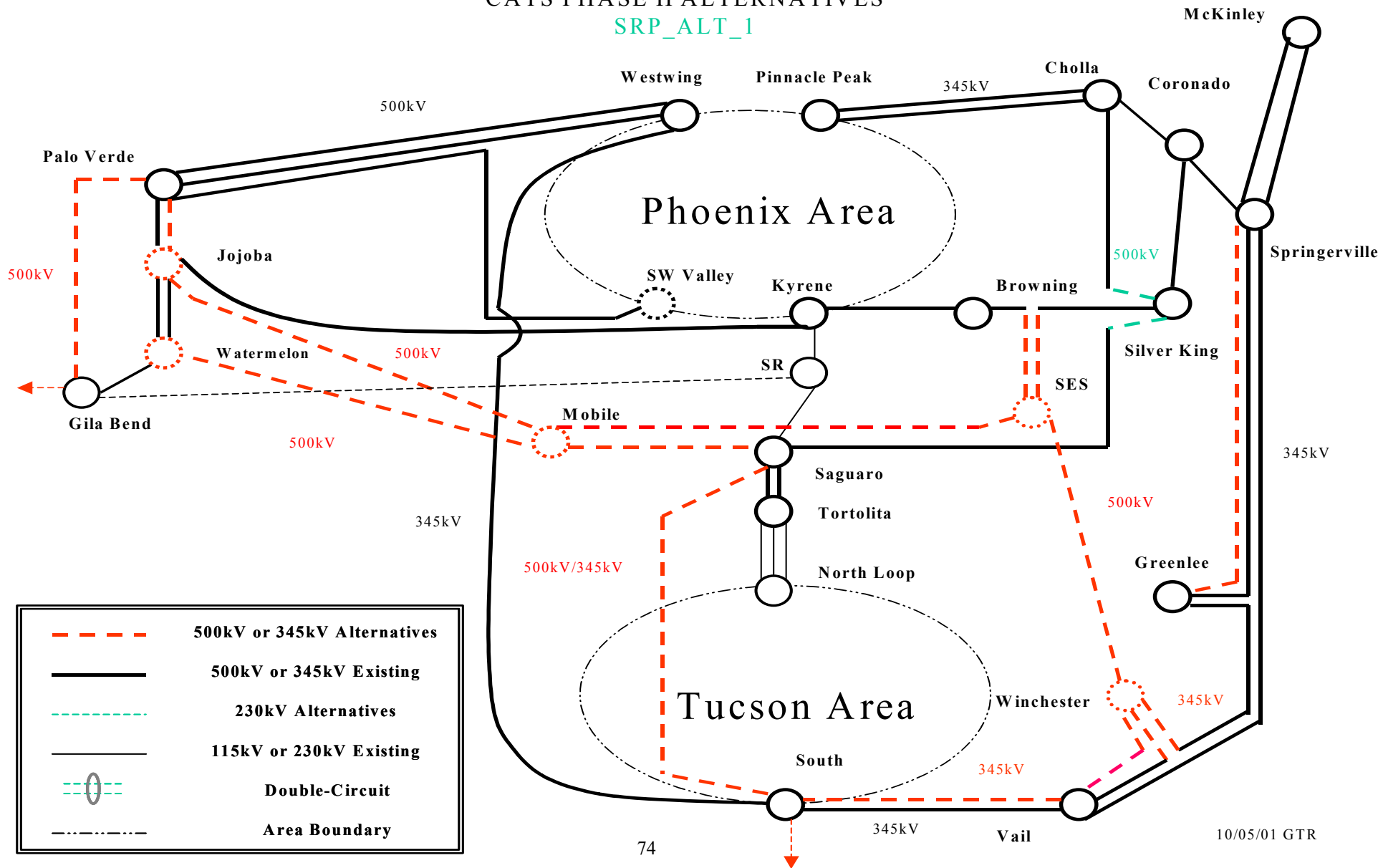
CATS PHASE II ALTERNATIVES BASE SYSTEM



Appendix 2

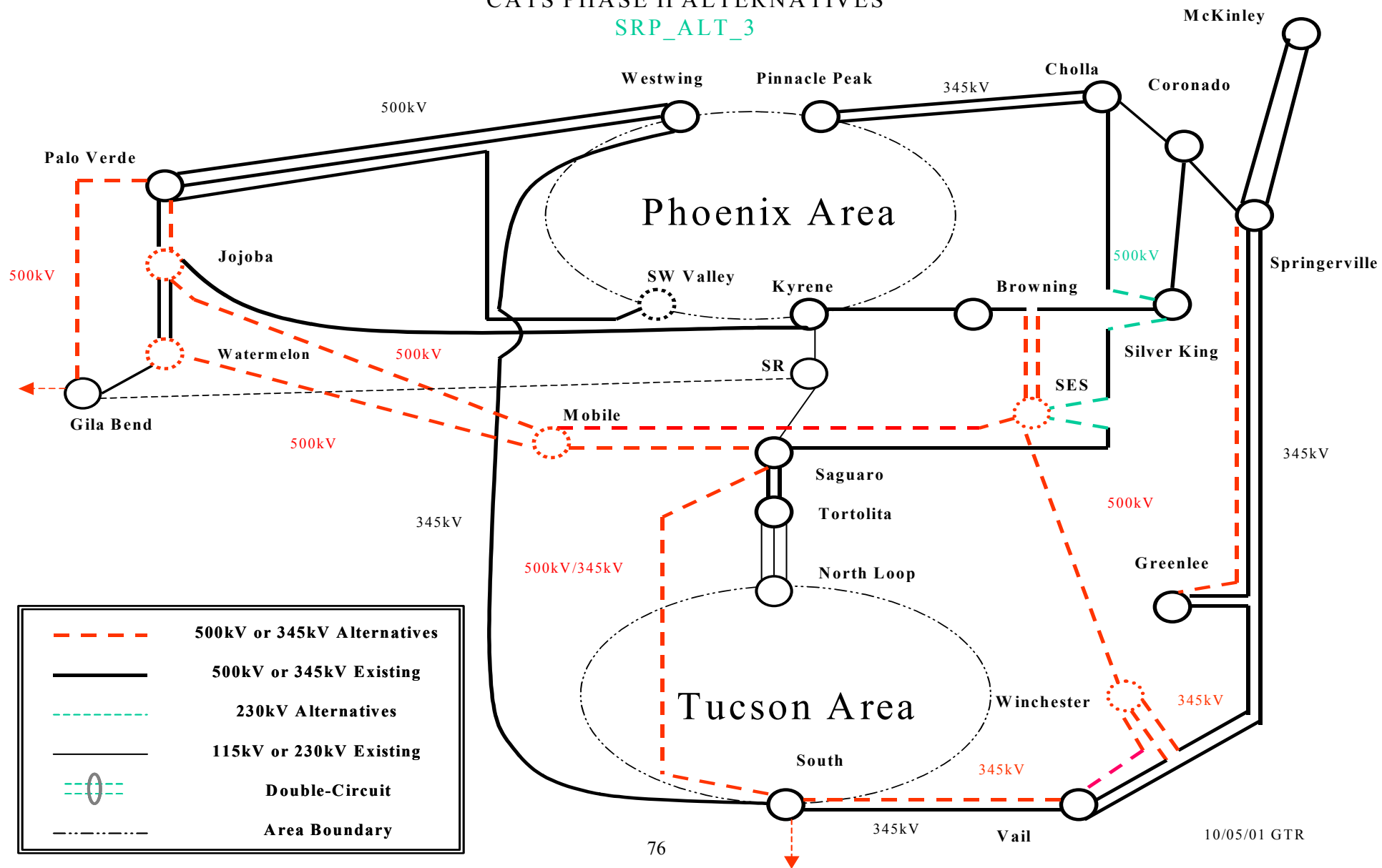
CATS PHASE II ALTERNATIVES

SRP_ALT_1



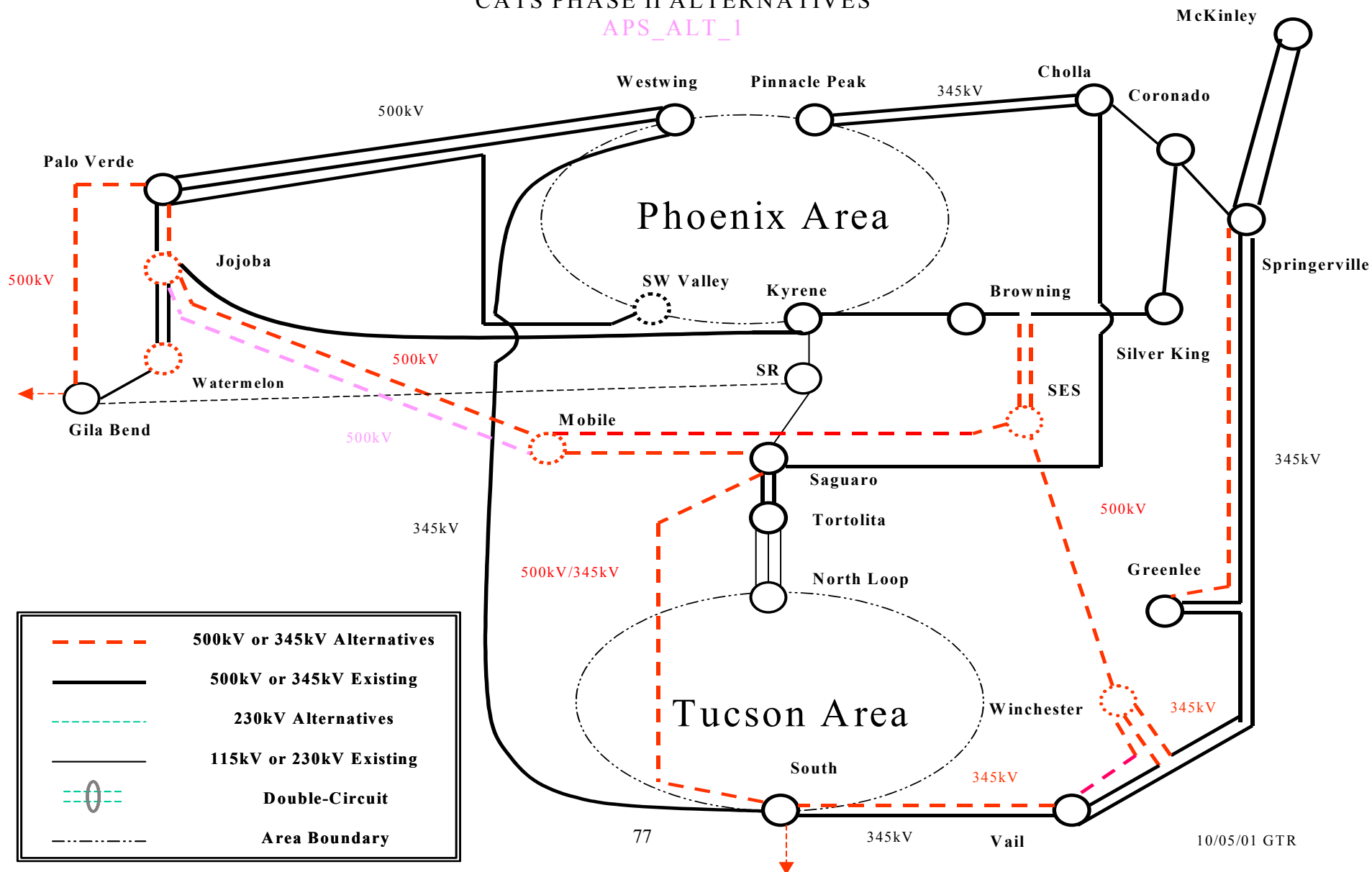
Appendix 4

CATS PHASE II ALTERNATIVES SRP_ALT_3



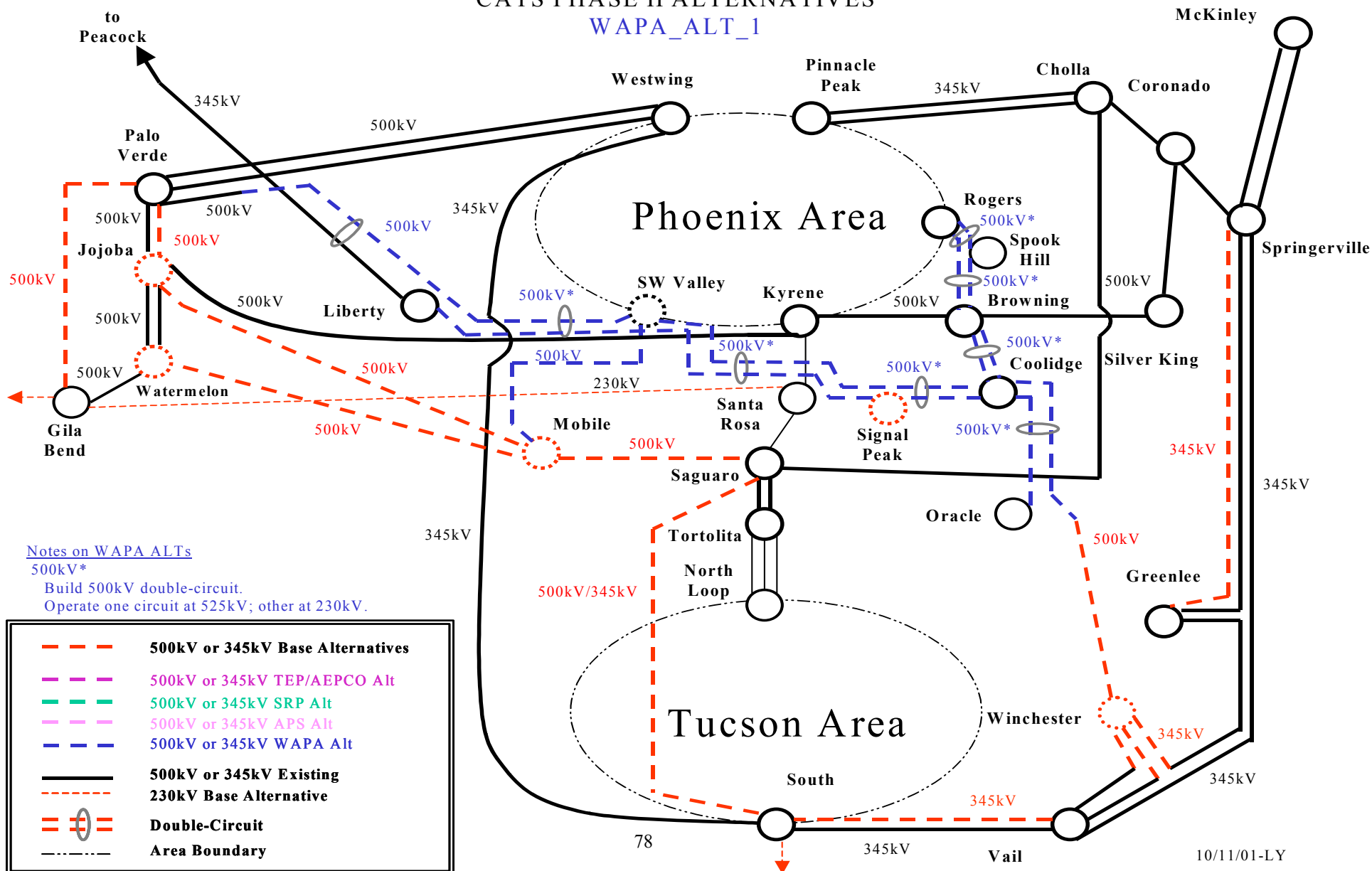
Appendix 5

CATS PHASE II ALTERNATIVES APS_ALT_1



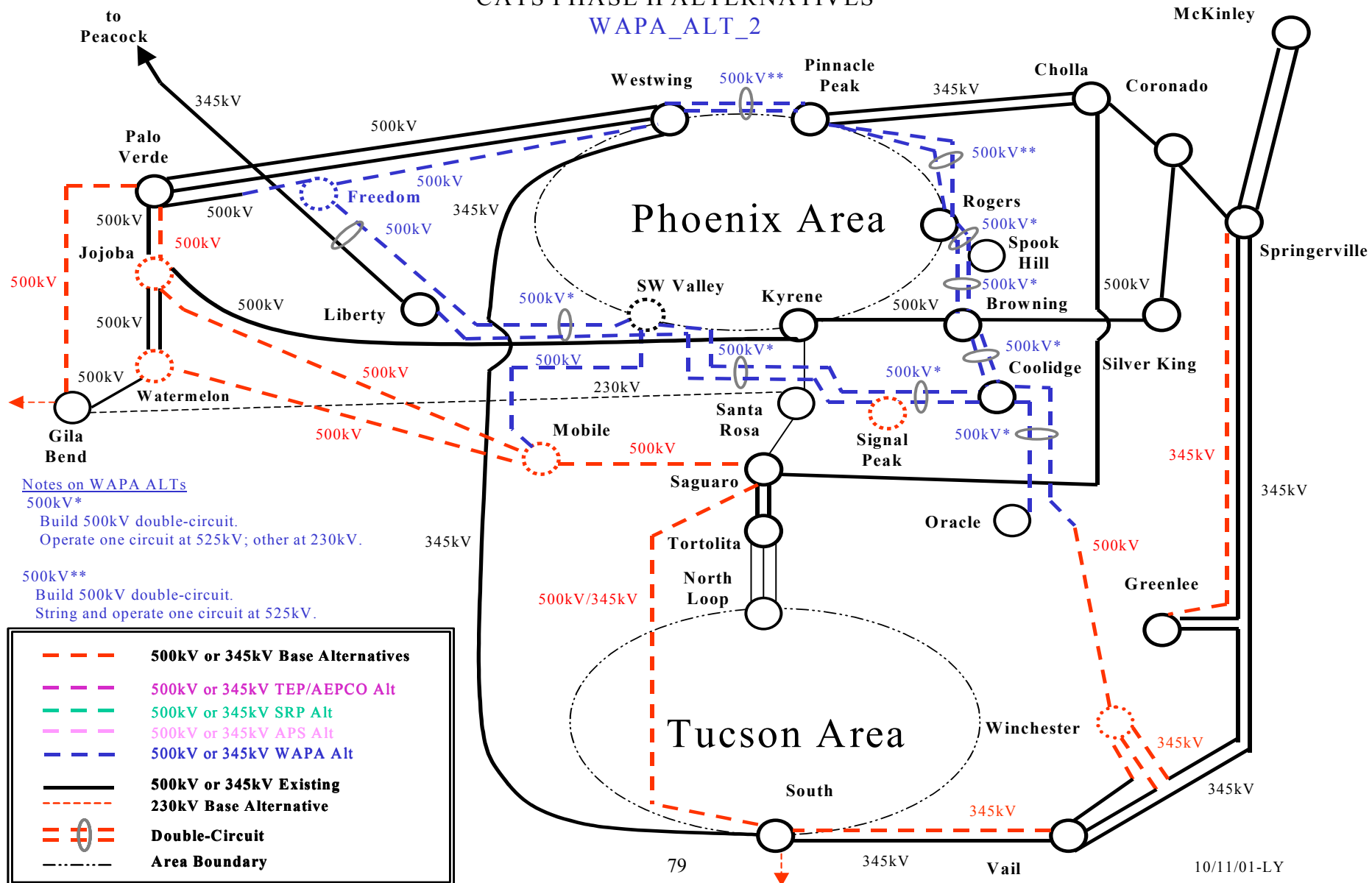
Appendix 6

CATS PHASE II ALTERNATIVES WAPA_ALT_1



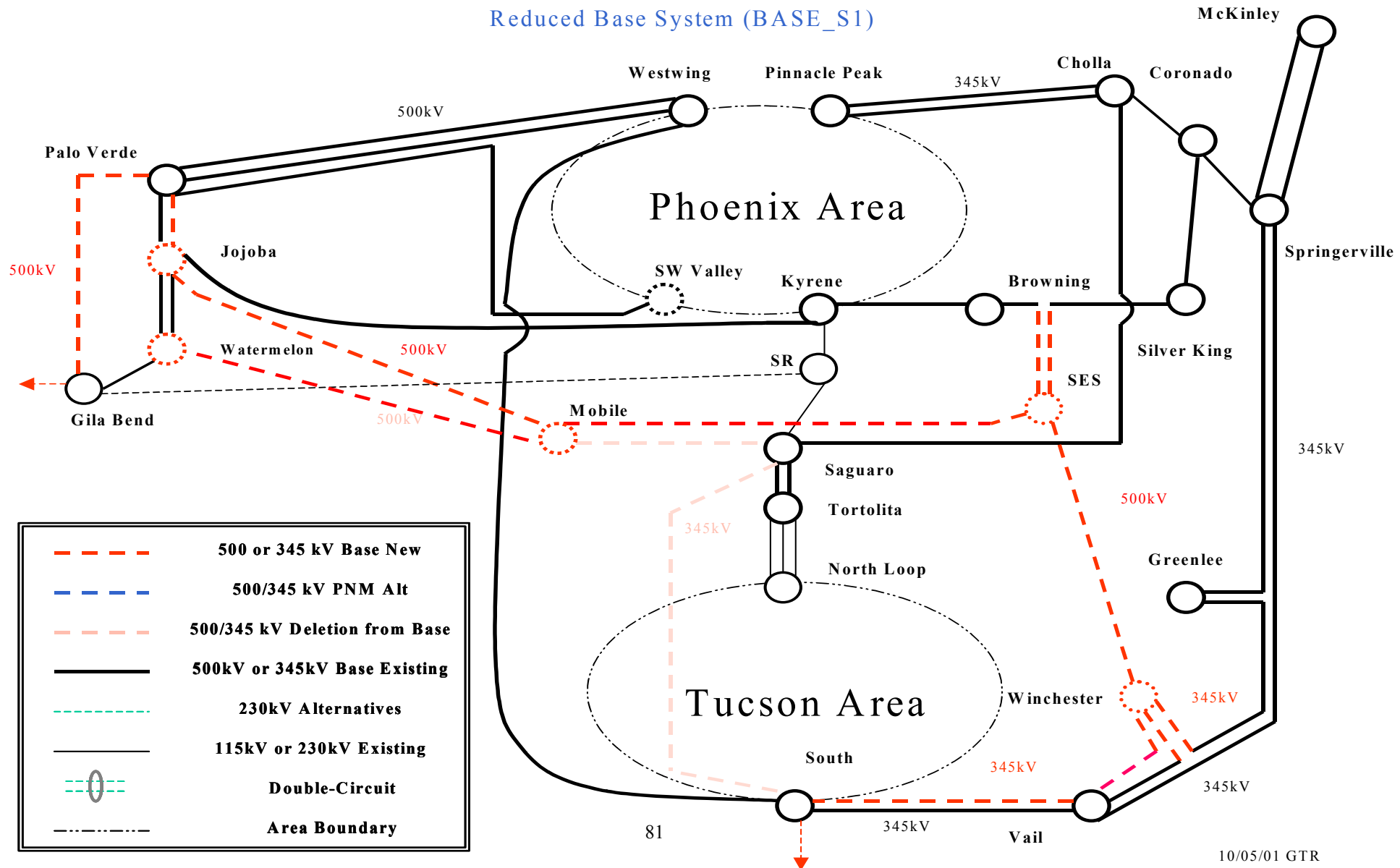
Appendix 7

CATS PHASE II ALTERNATIVES WAPA_ALT_2



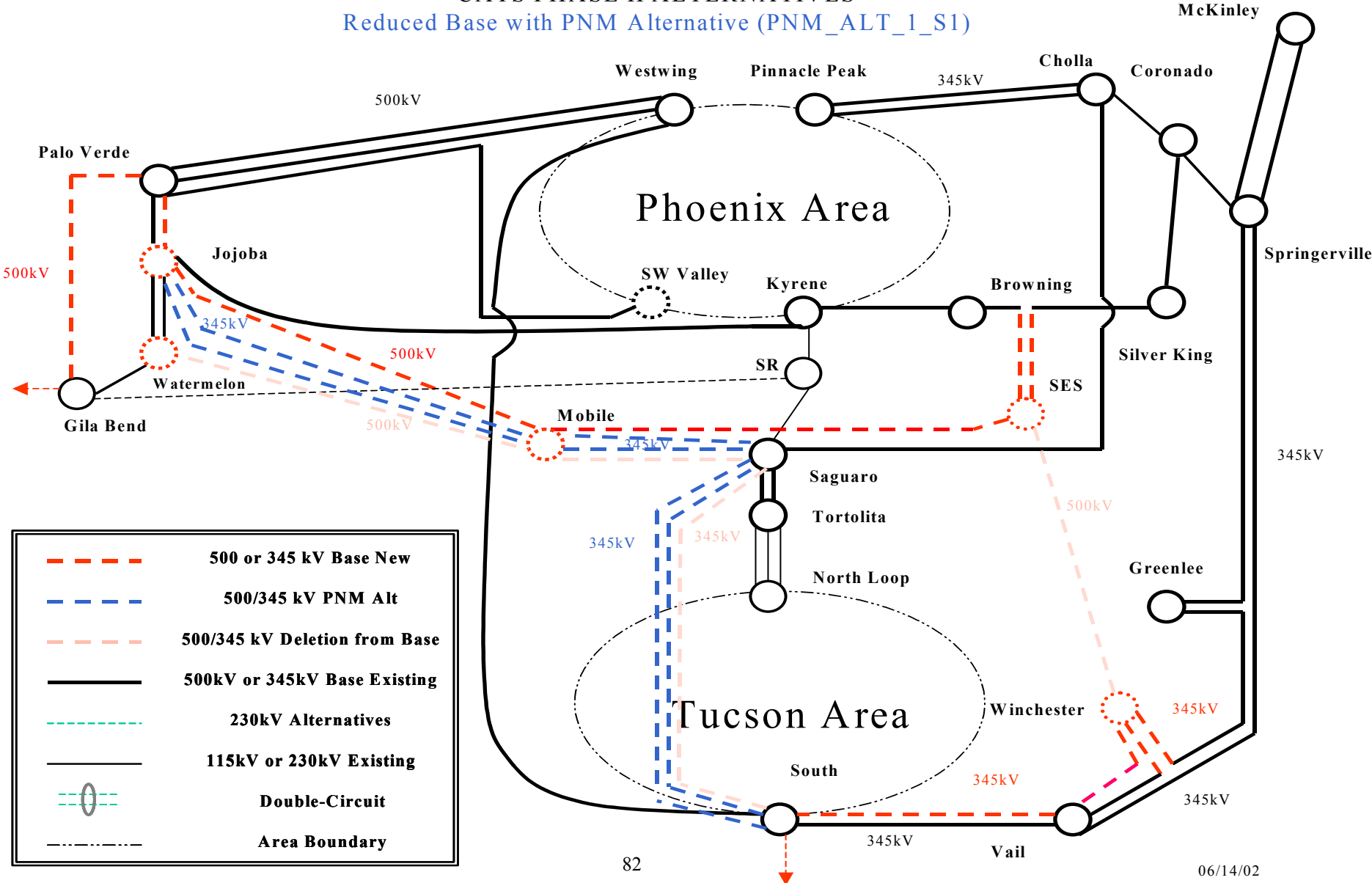
Appendix 9

CATS PHASE II ALTERNATIVES Reduced Base System (BASE_S1)



Appendix 10

CATS PHASE II ALTERNATIVES Reduced Base with PNM Alternative (PNM_ALT_1_S1)

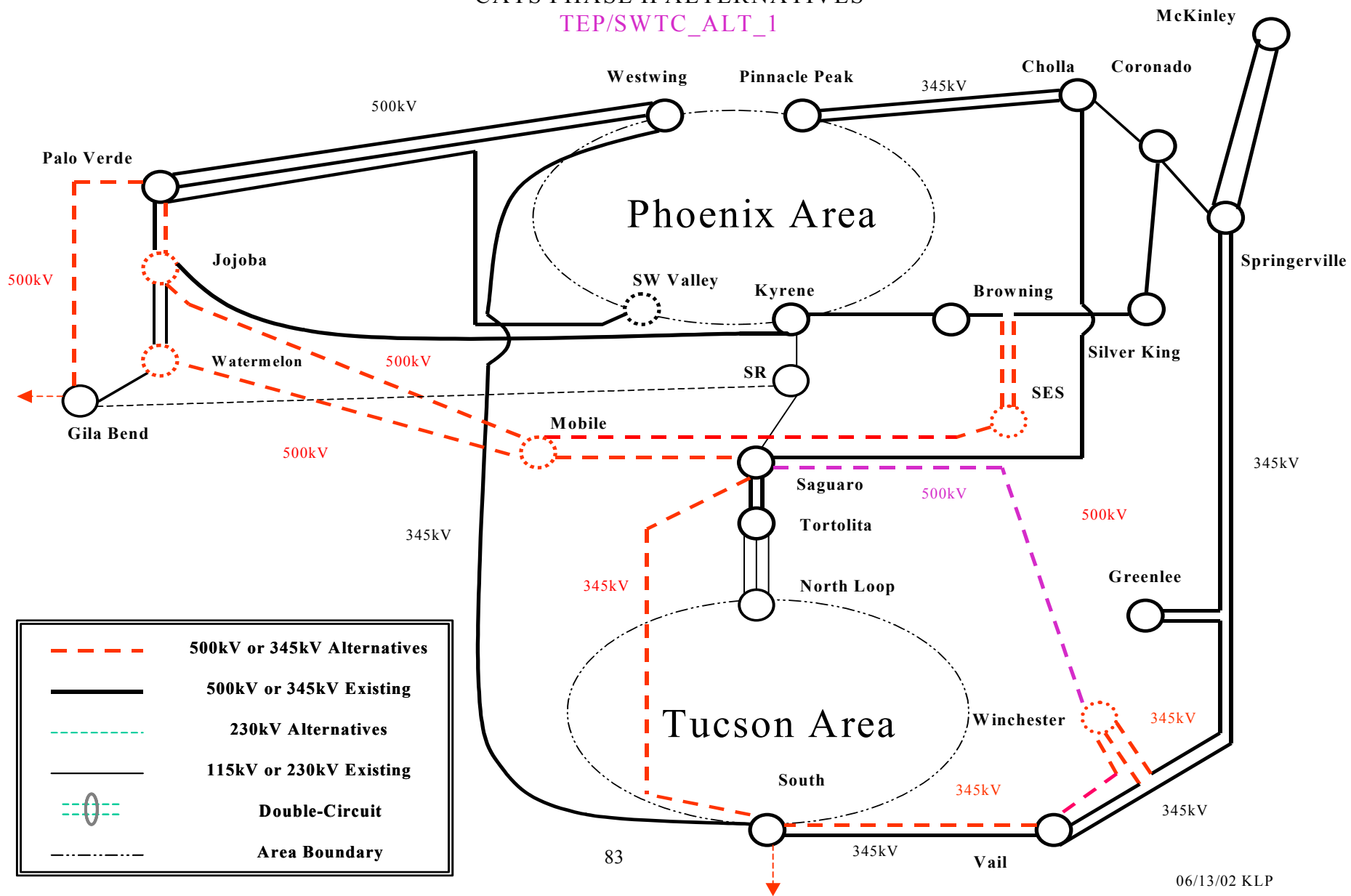


	500 or 345 kV Base New
	500/345 kV PNM Alt
	500/345 kV Deletion from Base
	500kV or 345kV Base Existing
	230kV Alternatives
	115kV or 230kV Existing
	Double-Circuit
	Area Boundary

Appendix 11

CATS PHASE II ALTERNATIVES

TEP/SWTC_ALT_1

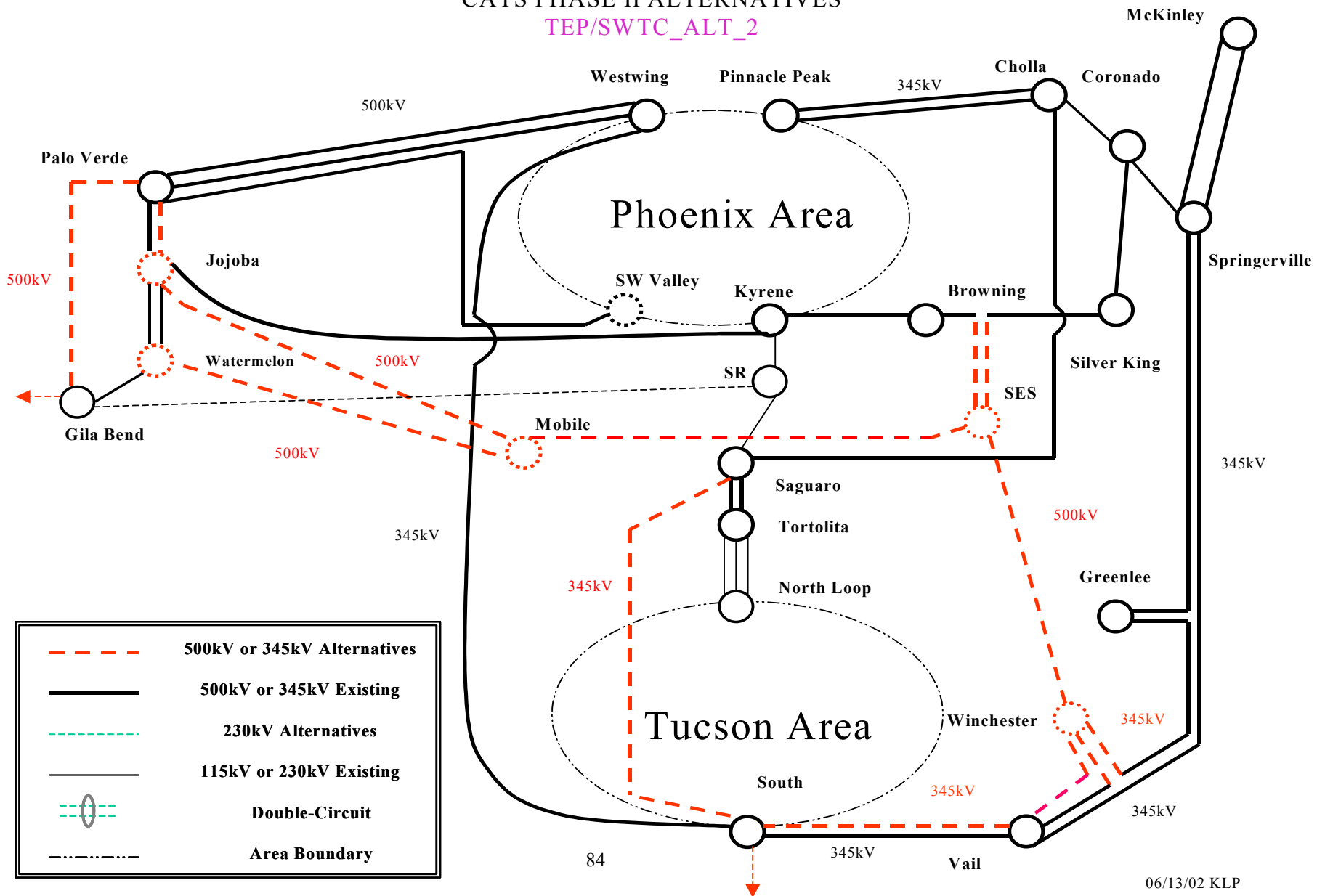


	500kV or 345kV Alternatives
	500kV or 345kV Existing
	230kV Alternatives
	115kV or 230kV Existing
	Double-Circuit
	Area Boundary

Appendix 12

CATS PHASE II ALTERNATIVES

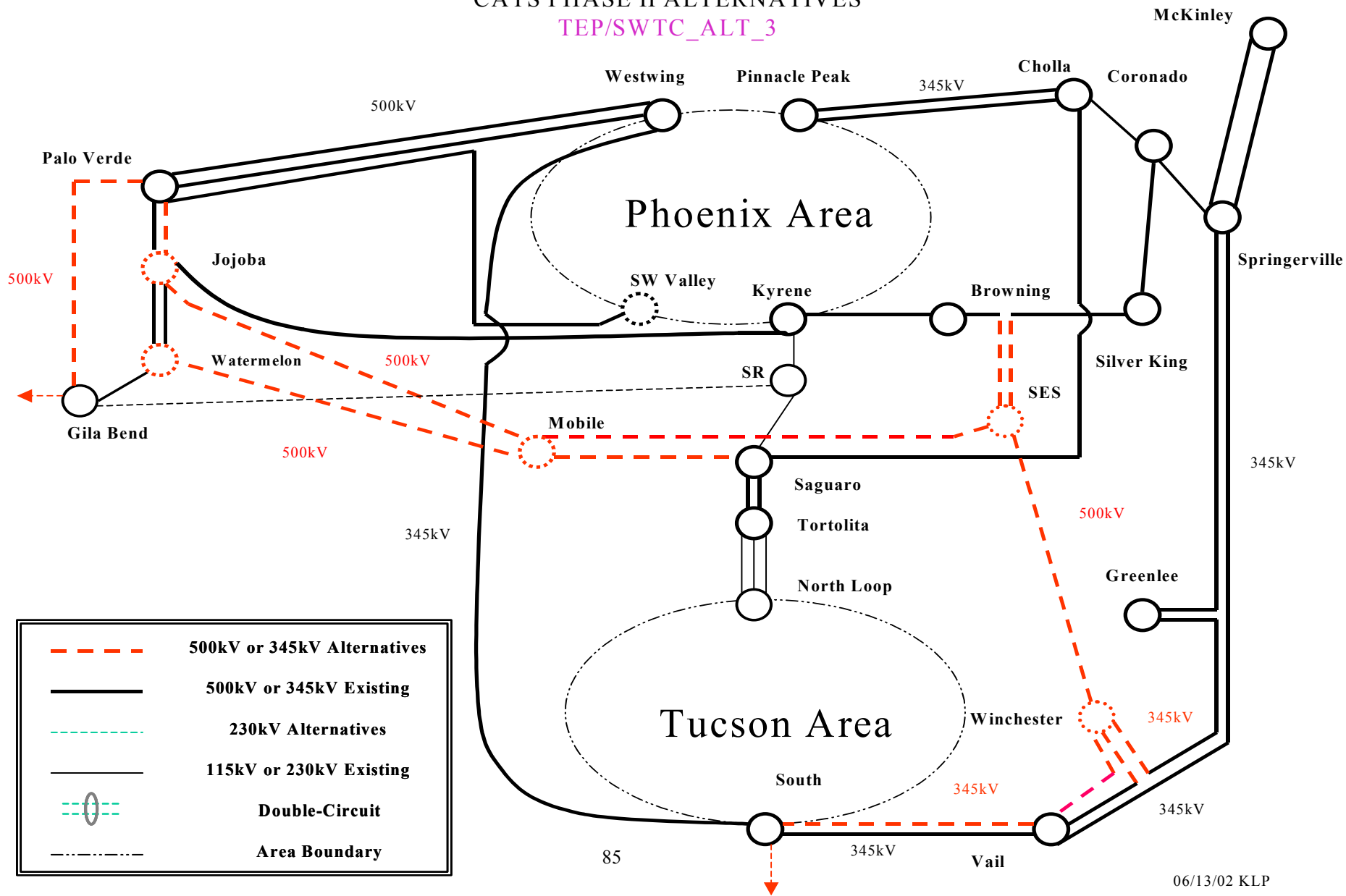
TEP/SWTC_ALT_2



Appendix 13

CATS PHASE II ALTERNATIVES

TEP/SWTC_ALT_3

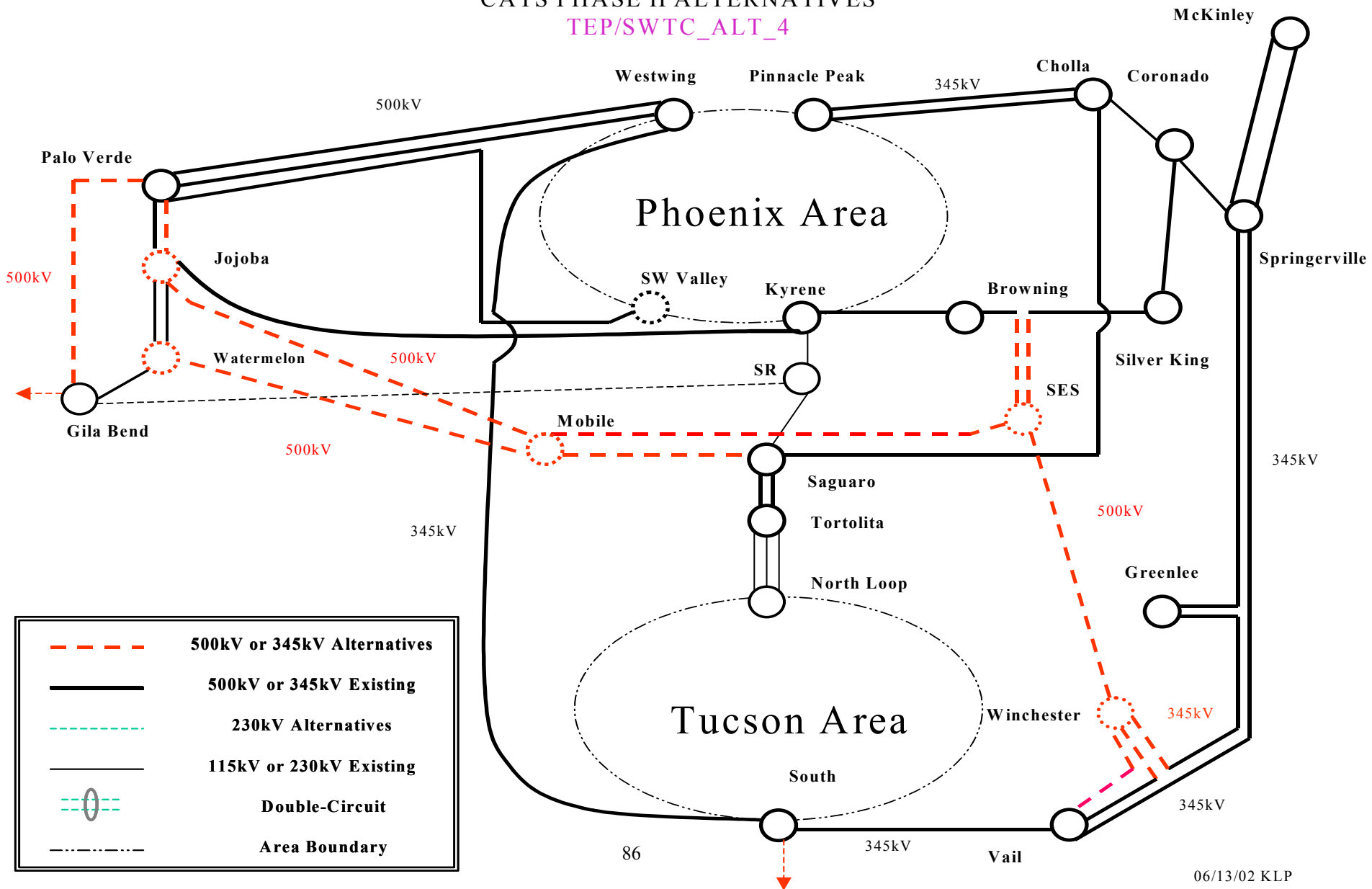


	500kV or 345kV Alternatives
	500kV or 345kV Existing
	230kV Alternatives
	115kV or 230kV Existing
	Double-Circuit
	Area Boundary

Appendix 14

CATS PHASE II ALTERNATIVES

TEP/SWTC_ALT_4

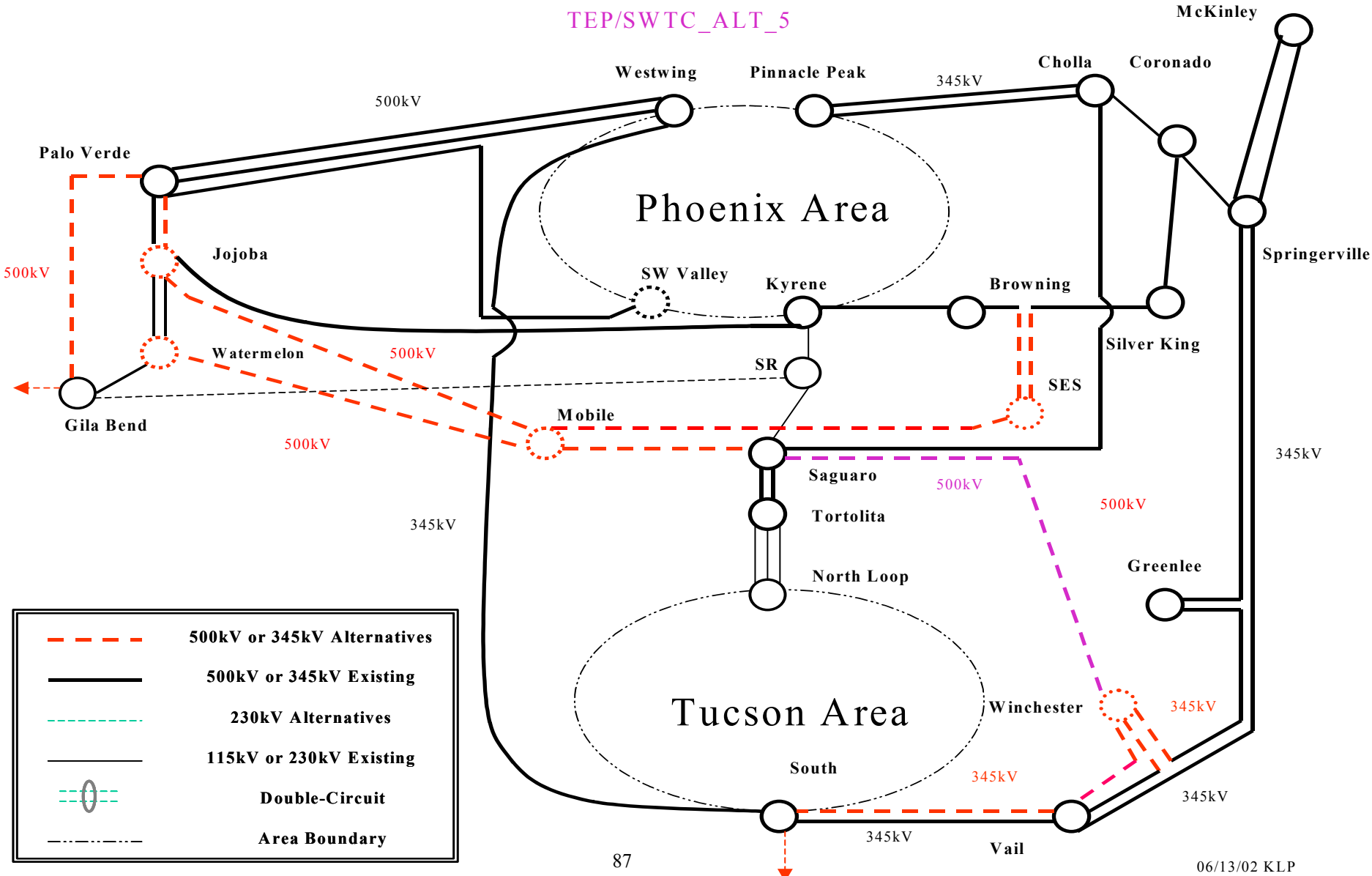


	500kV or 345kV Alternatives
	500kV or 345kV Existing
	230kV Alternatives
	115kV or 230kV Existing
	Double-Circuit
	Area Boundary

Appendix 15

CATS PHASE II ALTERNATIVES

TEP/SWTC_ALT_5

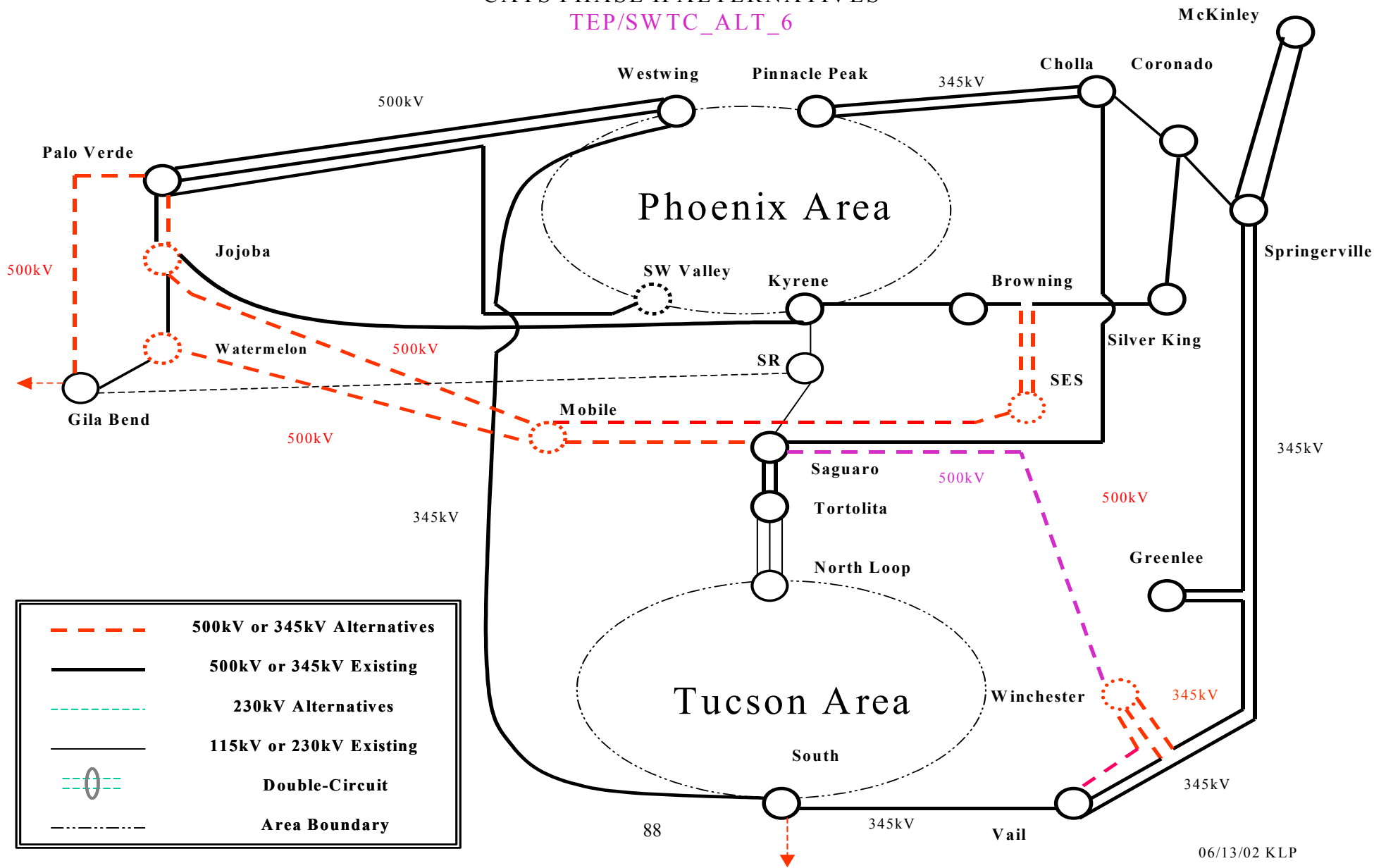


	500kV or 345kV Alternatives
	500kV or 345kV Existing
	230kV Alternatives
	115kV or 230kV Existing
	Double-Circuit
	Area Boundary

Appendix 16

CATS PHASE II ALTERNATIVES

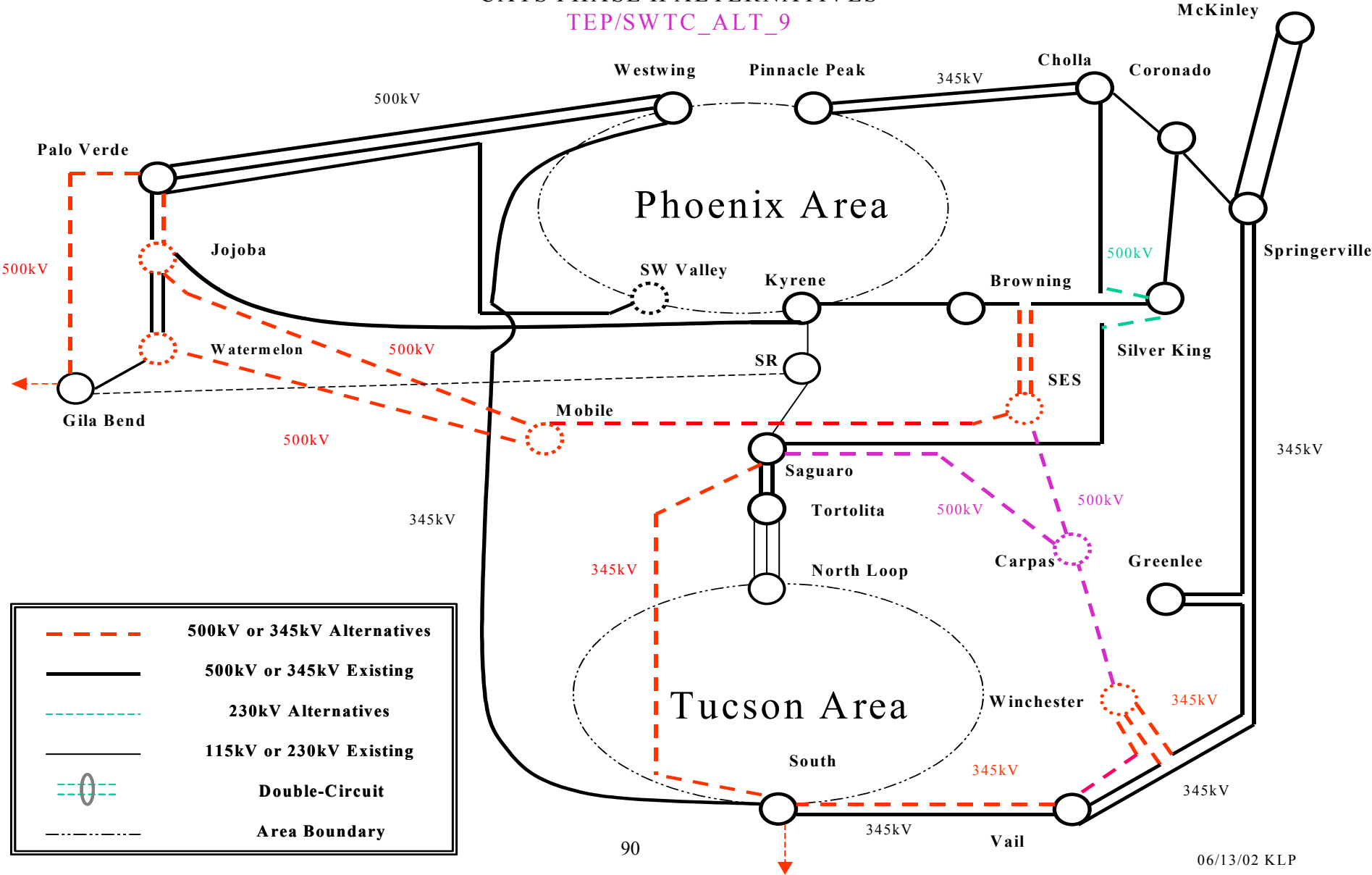
TEP/SWTC_ALT_6



	500kV or 345kV Alternatives
	500kV or 345kV Existing
	230kV Alternatives
	115kV or 230kV Existing
	Double-Circuit
	Area Boundary

Appendix 18

CATS PHASE II ALTERNATIVES TEP/SWTC_ALT_9



	500kV or 345kV Alternatives
	500kV or 345kV Existing
	230kV Alternatives
	115kV or 230kV Existing
	Double-Circuit
	Area Boundary

Appendix 19
CATS STUDY
LIST OF
PARTICIPANTS

- Arizona Corporation Commission
- Arizona Public Service Company
- Tucson Electric Power
- Salt River Project
- Southwest Transmission Cooperative
- Western Area Power Authority
- Public Service Company of New Mexico
- Citizens Utilities
- Williams Energy Mfg & Trading
- Industrial Power Tech.
- Arizona Power Authority
- Power Up Corp.
- Desert Energy
- Central Arizona Project
- NRG Energy
- Southwestern Power Group
- Reliant Energy
- PPL Sundance Energy
- Allegheny Energy Supply
- Pinnacle West Energy
- Mountain County Co Generation
- Trans - Elect
- Panda Energy
- Teco Energy
- Power Development Enterprises
- Duke Energy & Trading
- ED #3 & MSIDD
- Pacific Gas and Electric Company