

Amendment of the City of San Antonio, Acting By and Through City Public Service Board (CPS Energy) and South Texas Electric Cooperative, Inc. (STEC) to Amend their Certificates of Convenience and Necessity for the Proposed Howard Road-to-San Miguel 345-kV Transmission Line Project in Bexar and Atascosa Counties, Texas

PUBLIC UTILITY COMMISSION OF TEXAS (PUC) DOCKET NO. 57115

The City of San Antonio, acting by and through City Public Service Board (CPS Energy), and South Texas Electric Cooperative, Inc. (STEC) are providing this notice of intent to amend their Certificates of Convenience and Necessity (CCN) to construct the proposed Howard Road to San Miguel 345 kV Transmission Line Project in Bexar and Atascosa Counties.

The proposed transmission line will connect the CPS Energy Howard Road Station in Bexar County to the STEC San Miguel Station in Atascosa County. The entire project will be approximately 45 to 59 miles in length and is estimated to cost approximately \$275 million to \$391 million, depending upon the final route chosen by the PUC.

Persons with questions about the transmission line may contact CPS Energy at 210-353-2018 or STEC at 361-485-6134. The CCN application, including detailed routing maps illustrating the proposed transmission line project and project area, may be reviewed on the project website at <https://www.cpsenergy.com/en/about-us/new-infrastructure/Howard-to-San-Miguel-Transmission.html> and at:

- CPS Energy, 500 McCullough, San Antonio, Texas 78215
- Jourdanton Library, 1101 Campbell Ave, Jourdanton, TX 78026

All routes and route segments included in this notice are available for selection and approval by the Public Utility Commission of Texas.

Persons who are affected by the proposed transmission line and wish to intervene in the docket or comment on the applicant's application should do so by filing electronically and you will be required to serve the request on other parties by email. Therefore, please include your own email address on the intervention form. Instructions for electronic filing via the "PUC Filer" on the Commission's website can be found here: <https://interchange.puc.texas.gov/filer>. Instructions for using the PUC Filer are available at https://ftp.puc.texas.gov/public/puc-info/industry/filing/F-Filing_Instructions.pdf. Once you obtain a tracking sheet associated with your filing from the PUC Filer, you may email the tracking sheet and the document you wish to file to: centralrecords@puc.texas.gov. For assistance with your electronic filing, please contact the Commission's Help Desk at (512) 936-7100 or helpdesk@puc.texas.gov. You can review materials filed in this docket on the PUC Interchange at <http://interchange.puc.texas.gov/>.

While the preferred method is for you to submit your request for intervention electronically, if you are unable to do so you may mail 10 copies of the request to:

Public Utility Commission of Texas
Central Records
Attn: Filing Clerk
1701 N. Congress Ave.
P.O. Box 13326
Austin, Texas 78711-3326

The only way to fully participate in the PUC's decision on where to locate the transmission line is to intervene in the docket. It is important for an affected person to intervene because the utility is not obligated to keep affected persons informed of the PUC's proceedings and cannot predict which route may or may not be approved by the PUC.

The deadline for intervention in the docket is November 04, 2024, and the PUC should receive a filing from anyone requesting intervention by that date. The PUC has a brochure titled "Guide for Landowners Affected by a New Electric Transmission Line Route." Copies of the brochure are available from CPS Energy at 210-353-2018 or STEC at 361-485-6134 or may be downloaded from the PUC's website at www.puc.state.tx.us. To obtain additional information about this docket, you may contact the PUC's Customer Assistance Hotline at (512) 936-7120 or (888) 782-8477. Hearing- and speech-impaired individuals with text telephones (TTY) may contact the PUC's Customer Assistance Hotline at (512) 936-7136 or toll free at (800) 735-2993.

In addition to the intervention deadline, other important deadlines may already exist that affect your participation in this docket. You should review the orders and other filings already made in the docket.

Project Segment Descriptions

In its CCN application for this project, CPS Energy and STEC have presented 34 alternative routes comprised of 109 segments for consideration by the PUC. The following table lists the segment combinations that make up CPS Energy's and STEC's 34 alternative routes and the length of each alternative route in miles. All routes and segments are available for selection and approval by the PUC. Only one multi-segment transmission line route will ultimately be constructed.

PRIMARY ALTERNATIVE ROUTES	SEGMENT COMPOSITION	TOTAL LENGTH IN MILES
A	1-5-8-10-19-27-28-30-34-39-44-47-51-58-59-65-68B-74-82-86-98-106-108-110	47.77
B	1-5-9-18-26-29-38-48-63-66-72-84-89-95-97-101-102-106-108-110	56.67
C	2-10-19-25-26-29-37-39-44-47-51-58-59-65-68B-74-82-86-98-106-108-110	50.71
D	2-10-19-25-26-29-38-48-63-66-72-84-89-96-100-101-102-106-108-110	55.95
E	2-10-19-25-26-29-38-48-63-66-72-84-89-96-104-109-110	55.81
F	2-10-19-25-26-29-38-48-63-66-73-80-81-82-86-98-106-108-110	53.42
G	2-10-19-25-26-29-38-48-63-67-68A-68B-74-82-86-98-106-108-110	52.23
H	2-10-19-25-26-29-38-49-51-58-59-65-68B-74-82-86-98-106-108-110	50.05
I	2-10-19-27-28-30-34-39-44-50-45B-52-54-55-58-59-65-68B-71-75-77-87-94-99-107-108-110	50.81
J	2-8-9-13-17-29-38-48-63-66-72-84-88-90-91-97-101-105-109-110	58.92
K	3-6-14-19-27-28-30-31-35-41-45A-45B-52-56-61-62-70-78-99-107-108-110	49.78
L	3-6-15-16-22A-22B-32-35-41-45A-45B-52-54-55-58-59-65-68B-74-82-86-98-106-108-110	49.02
M	3-6-15-21-30-31-35-41-45A-45B-52-54-55-58-59-65-68B-74-82-86-98-106-108-110	46.99
N	3-6-15-21-30-34-39-40-41-45A-45B-52-54-55-58-59-65-68B-74-82-86-98-106-108-110	47.47
O	3-6-15-21-30-34-39-44-47-51-58-59-65-68B-74-81-85-90-91-97-101-102-106-108-110	47.60
P	3-6-15-21-30-34-39-44-47-51-58-59-65-68B-74-81-85-90-92-93-94-99-107-108-110	50.48
Q	3-6-15-21-30-34-39-44-47-51-58-59-65-68B-74-82-83-87-94-99-107-108-110	48.23
R	3-6-15-21-30-34-39-44-47-51-58-59-65-68B-74-82-86-98-106-108-110	45.32
S	3-6-15-21-30-34-39-44-47-51-58-60-61-62-70-78-99-107-108-110	49.05
T	3-6-15-21-30-34-39-44-50-45B-52-56-61-62-70-78-99-107-108-110	47.90
U	3-6-20-28-30-31-35-41-45A-45B-52-56-61-62-69-75-77-87-94-99-107-108-110	49.15
V	3-6-20-28-30-31-35-41-45A-45B-53-57-62-69-75-76-78-99-107-108-110	50.47
W	3-6-20-28-30-31-35-41-45A-45B-53-57-62-69-75-77-87-94-99-107-108-110	49.44
X	3-6-20-28-30-31-35-41-45A-45B-53-57-62-70-76-77-87-94-99-107-108-110	50.85
Y	3-6-20-28-30-31-35-41-45A-45B-53-57-62-70-78-99-107-108-110	48.87
Z	3-6-20-28-30-34-39-40-41-45A-45B-52-56-61-62-70-78-99-107-108-110	49.05
AA	3-6-20-28-30-34-39-40-41-45A-45B-53-57-62-70-78-99-107-108-110	49.34
AB	3-6-20-28-30-34-39-44-50-45B-52-54-55-58-59-65-68B-71-75-77-87-94-99-107-108-110	49.88
AC	3-6-20-28-30-34-39-44-50-45B-52-56-61-62-70-78-99-107-108-110	48.35
AD	3-6-20-28-30-34-39-44-50-45B-53-57-62-70-78-99-107-108-110	48.64
AE	3-7-11-22A-12-24-46-57-62-70-78-99-107-108-110	51.03
AF	3-7-11-22A-22B-33-36-42-45A-45B-52-54-55-58-59-65-68B-74-82-86-98-106-108-110	50.66
AG	3-7-11-22A-22B-33-36-43-46-57-62-70-78-99-107-108-110	50.64
AH	1-4-17-29-38-48-63-66-72-84-89-96-104-109-110	56.19

Note: All distances listed below are approximate and rounded to the nearest hundredths of a mile. The distances of individual segments below may not sum to the total length of route presented above due to rounding.

Segment 1: 1.37 miles

Segment 1 begins at Howard Road Substation, located approximately three miles northeast of the intersection of State Highway (SH) 16 and SH 1604. The segment leaves the Howard Road Substation and proceeds southwest for approximately 0.05 mile. The segment then turns west for approximately 0.81 miles. The segment then angles to the northwest for approximately 0.51 mile. The segment terminates at its intersection with Segments 4 and 5.

Segment 2: 2.74 miles

Segment 2 begins at Howard Road Substation, located approximately three miles northeast of the intersection of SH 16 and SH 1604. The segment leaves the Howard Road Substation and proceeds generally south-southwest for approximately 1.18 miles, briefly paralleling the west side of an existing transmission line near Howard Road Substation. The segment then turns west-northwest for approximately 0.29 mile, and then turns southwest for approximately 0.27 mile, crossing the Medina River. The segment then turns west for approximately 0.21 mile, crossing the Medina River. The segment generally proceeds south-southeast for approximately 0.79 mile. The segment terminates at its intersection with Segments 8 and 10.

Segment 3: 0.49 mile

Segment 3 begins at Howard Road Substation, located approximately three miles northeast of the intersection of SH 16 and SH 1604. The segment leaves the Howard Road Substation and proceeds east-southeast for approximately 0.10 mile, crossing an existing transmission line and SH 16. The segment generally proceeds south for approximately 0.39 mile, paralleling the east side of an existing transmission line. The segment terminates at its intersection with Segments 6 and 7.

Segment 4: 3.86 miles

Segment 4 begins at the intersection of Segments 1 and 5. The segment generally proceeds west approximately 0.45 mile. The segment then turns south for approximately 0.15 mile. The segment then turns west for approximately 0.69 mile, crossing the Medina River. The segment then turns south for approximately 0.20 mile, then angles southwest for approximately 0.17 mile. The segment then turns south for approximately 1.99 miles, crossing Elm Creek. The segment then angles southwest for approximately 0.21 mile. The segment terminates at its intersection with Segments 13 and 17.

Segment 5: 2.02 miles

Segment 5 begins at the intersection of Segments 1 and 4. The segment generally proceeds south for approximately 2.02 miles, crossing the Medina River. The segment terminates at its intersection with Segments 8 and 9.

Segment 6: 2.31 miles

Segment 6 begins at the intersection of 3 and 7. The segment generally proceeds south for approximately 0.49 mile, and then angles southwest for approximately 0.34 mile, paralleling the east side of an existing transmission line. The segment then angles south for approximately 1.48 miles, paralleling the east side of an existing transmission line and crossing the Medina River Natural Area, Medina River, and Elm Creek. The segment terminates at its intersection with segments 14, 15, and 20.

Segment 7: 4.58 miles

Segment 7 begins at the intersection of Segments 3 and 6. The segment generally proceeds east-southeast for approximately 0.76 mile. The segment then angles south-southeast for 0.45 mile, crossing the Medina River Natural Area. The segment then turns east for approximately 0.22 mile. The segment generally proceeds south-southeast for approximately 0.68 mile. The segment generally proceeds east for approximately 1.39 miles. The segment then turns south for approximately 1.08 miles, crossing the Medina River Natural Area and the Medina River. The segment terminates at its intersection with Segment 11.

Segment 8: 0.42 mile

Segment 8 begins at Segments 2 and 10. The segment heads west for approximately 0.42 mile. The segment terminates at its intersection with Segments 5 and 9.

Segment 9: 1.08 miles

Segment 9 begins at its intersection with Segments 5 and 8. The segment generally proceeds south for approximately 0.72 mile, crossing Elm Creek. The segment then turns west for approximately 0.36 mile, paralleling the north side of an existing transmission line. The segment terminates at its intersection with Segments 13 and 18.

Segment 10: 0.80 mile

Segment 10 begins at its intersection with Segments 2 and 8. The segment heads south for approximately 0.80 mile, crossing Elm Creek and an existing transmission line. The segment terminates at its intersection with Segments 14 and 19.

Segment 11: 1.62 miles

Segment 11 begins at its intersection with Segment 7. The segment generally proceeds south for approximately 1.62 miles. The segment terminates at its intersection with Segments 16 and 22A.

Segment 12: 2.65 miles

Segment 12 begins at its intersection with Segments 22A and 22B. The segment generally proceeds east for approximately 1.22 miles. The segment then turns northeast for approximately 0.15 mile, crossing an existing transmission line. The segment then generally proceeds east-southeast for approximately 0.88 mile, crossing an existing railroad. The segment angles south-southeast for approximately 0.40 mile. The segment terminates at its intersection with Segment 24.

Segment 13: 0.90 mile

Segment 13 begins at its intersection with Segments 9 and 18. The segment heads west for approximately 0.90 mile, paralleling the north side of an existing transmission line. The segment terminates at its intersection with Segments 4 and 17.

Segment 14: 1.02 miles

Segment 14 begins at its intersection with Segments 6, 15, and 20. The segment generally proceeds west for approximately 1.02 miles, paralleling the south side of an existing transmission line and crosses SH 16. The segment terminates at its intersection with Segments 10 and 19.

Segment 15: 0.63 mile

Segment 15 begins at its intersection with Segments 6, 14 and 20. The segment generally proceeds east for approximately 0.63 mile. The segment terminates at its intersection with Segments 16 and 21.

Segment 16: 3.32 miles

Segment 16 begins at its intersection with Segments 15 and 21. The segment heads southeast for approximately 0.52 mile. The segment then turns and generally proceeds east for approximately 0.58 mile. Then turns south for approximately 1.12 miles. The segment then turns east-southeast for approximately 1.10 miles, paralleling the north side of SH 1604. The segment terminates at its intersection with Segments 11 and 22A.

Segment 17: 2.45 miles

Segment 17 begins at its intersection with Segments 4 and 13. The segment heads southwest for approximately 0.16 mile, crossing an existing transmission line. The segment then turns south for approximately 0.69 mile. The segment then turns and generally proceeds west-southwest for approximately 0.22 mile, paralleling the north side of SH 1604. The segment then turns and generally proceeds south for approximately 1.38 miles, crossing SH 1604. The segment terminates at its intersection with Segments 26 and 29.

Segment 18: 1.67 miles

Segment 18 begins at its intersection with Segments 9 and 13. The segment generally proceeds south for approximately 1.67 miles, crossing an existing transmission line and SH 1604. The segment terminates at its intersection with Segments 25 and 26.

Segment 19: 1.53 miles

Segment 19 begins at its intersection with Segments 10 and 14. The segment generally proceeds south for approximately 1.53 miles, crossing SH 1604. The segment terminates at its intersection with Segments 25 and 27.

Segment 20: 2.90 miles

Segment 20 begins at its intersection with Segments 6, 14 and 15. The segment heads south for approximately 0.82 mile, crossing SH 1604. The segment then turns west for approximately 0.40 mile. The segment then turns and generally proceeds south for approximately 1.68 miles. The segment terminates at its intersection with Segments 27 and 28.

Segment 21: 2.78 miles

Segment 21 begins at its intersection with Segments 15 and 16. The segment generally proceeds south-southeast for approximately 0.43 mile. The segment then begins curving southeast for approximately 0.30 mile, paralleling the north side of SH 1604. The segment then turns and generally proceeds south for approximately 2.05 miles, crossing SH 1604. The segment terminates at its intersection with Segments 28 and 30.

Segment 22A: 0.32 mile

Segment 22A begins at its intersection with Segments 11 and 16. The segment heads south for approximately 0.32 mile, crossing SH 1604. The segment terminates at its intersection with Segments 12 and 22B.

Segment 22B: 2.75 miles

Segment 22B begins at its intersection with Segments 12 and 22A. The segment generally proceeds south for approximately 2.75 miles, crossing Gallinas Creek. The segment terminates at its intersection with Segments 32 and 33.

Segment 24: 8.42 miles

Segment 24 begins at its intersection with Segment 12. The segment generally proceeds northeast for approximately 0.53 mile, crossing Losoya Creek. The segment then turns and generally proceeds southeast for approximately 1.90 miles, crossing Losoya Creek and United States Highway (US) 281. The segment then turns southwest for approximately 0.25 mile. The segment then turns southeast for approximately 0.21 mile. The segment then turns southwest for approximately 0.54 mile. The segment then turns southeast for approximately 0.42 mile, and then angles south-southeast for approximately 0.64 mile. The segment then turns west-southwest for approximately 0.32 mile. The segment then angles and generally proceeds south-southwest for approximately 1.39 miles. The segment then turns and generally proceeds southeast for approximately 1.05 miles. The segment then angles south for approximately 0.93 mile. The segment then turns southeast for approximately 0.24 mile. The segment terminates at its intersection with Segments 43 and 46.

Segment 25: 0.80 mile

Segment 25 begins at its intersection with Segments 19 and 27. The segment heads west for approximately 0.80 mile. The segment terminates at its intersection with Segments 18 and 26.

Segment 26: 1.44 miles

Segment 26 begins at its intersection with Segments 18 and 25. The segment heads south-southwest for approximately 0.43 mile. The segment then turns west for approximately 0.40 mile. The segment then angles southwest for approximately 0.30 mile. The segment then turns west of approximately 0.31 mile. The segment terminates at its intersection with Segments 17 and 29.

Segment 27: 1.57 miles

Segment 27 begins at its intersection with Segments 19 and 25. The segment generally proceeds south for approximately 0.80 mile. The segment then turns east for approximately 0.35 mile, crossing SH 16. The segment then turns and generally proceeds southeast for approximately 0.42 mile. The segment terminates at its intersection with Segments 20 and 28.

Segment 28: 0.96 miles

Segment 28 begins at its intersection with Segments 20 and 27. The segment heads south for approximately 0.96 mile and then angles southeast for approximately 0.43 mile. The segment terminates at its intersection with Segments 21 and 30.

Segment 29: 3.21 miles

Segment 29 begins at its intersection with Segments 17 and 26. The segment heads south for approximately 0.36 mile, and then angles southeast for approximately 0.20 mile. The segment then angles and generally proceeds south for approximately 2.65 miles. The segment terminates at its intersection with Segments 37 and 38.

Segment 30: 1.87 miles

Segment 30 begins at its intersection with Segments 21 and 28. The segment heads south for approximately 1.87 mile. The segment terminates at its intersection with Segments 31 and 34.

Segment 31: 0.93 mile

Segment 31 begins at its intersection with Segments 30 and 34. The segment heads east for approximately 0.93 mile, crossing Galvan Creek. The segment terminates at its intersection with Segments 32 and 35.

Segment 32: 1.21 miles

Segment 32 begins at its intersection with Segments 22B and 33. The segment proceeds west for approximately 1.21 miles. The segment terminates at its intersection with Segments 31 and 35.

Segment 33: 1.73 miles

Segment 33 begins at its intersection with Segments 22B and 32. The segment heads southeast for approximately 0.87 mile. Then segment then angles east for approximately 0.86 mile, crossing an existing transmission line and railroad. The segment terminates at its intersection with Segment 36.

Segment 34: 0.53 mile

Segment 34 begins at its intersection with Segments 30 and 31. The segment heads south for approximately 0.53 mile. The segment terminates at its intersection with Segments 37 and 39.

Segment 35: 3.34 miles

Segment 35 begins at its intersection with Segments 31 and 32. The segment heads south for approximately 1.21 miles. The segment then angles and generally proceeds southeast for approximately 2.13 miles. The segment terminates at its intersection with Segments 40 and 41.

Segment 36: 4.22 miles

Segment 36 begins at its intersection with Segment 33. The segment generally proceeds south-southeast for approximately 1.46 miles, paralleling the east side of an existing railroad. The segment then angles and generally proceeds east for approximately 1.19 miles, crossing US 281. The segment then turns south for approximately 0.23 mile. The segment then turns east for approximately 0.11 mile. The segment then turns south for approximately 1.23 miles. The segment terminates at its intersection with Segments 42 and 43.

Segment 37: 3.48 miles

Segment 37 begins at its intersection with Segments 29 and 38. The segment heads east for approximately 1.01 miles. The segment then angles northeast for approximately 0.76 mile. The segment then angles and generally proceeds east for approximately 1.71 miles, crossing SH 16. The segment terminates at its intersection with Segments 34 and 39.

Segment 38: 6.69 miles

Segment 38 begins at its intersection with Segments 29 and 37. The segment generally proceeds south-southeast for approximately 0.72 mile. The segment then turns east for approximately 0.54 mile. The segment then turns south for approximately 2.15 miles, crossing an existing transmission line and Palo Alto Creek. The segment then turns west for approximately 0.35 mile. The segment then turns south for approximately 0.90 mile. The segment then angles southwest for approximately 0.55 mile. The segment then turns southeast for approximately 0.51 mile. The segment then turns southwest for approximately 0.33 mile. The segment then turns and generally proceeds southeast for 0.64 mile. The segment terminates at its intersection with Segments 48 and 49.

Segment 39: 2.06 miles

Segment 39 begins at its intersection with Segments 34 and 37. The segment heads south for approximately 2.06 miles. The segment terminates at its intersection with Segments 40 and 44.

Segment 40: 2.16 miles

Segment 40 begins at its intersection with Segments 39 and 44. The segment heads east for approximately 0.77 mile. The segment then angles southeast for approximately 0.66 mile, crossing Galvan Creek. The segment then angles east-southeast for approximately 0.73 mile. The segment terminates at its intersection with Segments 35 and 41.

Segment 41: 1.68 miles

Segment 41 begins at its intersection with Segments 35 and 40. The segment generally proceeds southeast for approximately 1.68 miles, crossing an existing transmission line. The segment terminates at its intersection with Segments 42 and 45A.

Segment 42: 1.97 miles

Segment 42 begins at its intersection with Segments 36 and 43. The segment generally proceeds west for approximately 1.17 mile, crossing US 281 and an existing railroad. The segment then turns south-southwest for approximately 0.20 mile, paralleling the west side of the existing railroad. The segment then turns and generally proceeds west for approximately 0.60 miles. The segment terminates at its intersection with Segments 41 and 45A.

Segment 43: 1.98 miles

Segment 43 begins at its intersection with Segments 36 and 42. The segment generally proceeds east for approximately 1.98 miles. The segment terminates at its intersection with Segments 24 and 46.

Segment 44: 2.66 miles

Segment 44 begins at its intersection with Segments 39 and 40. The segment heads south for approximately 1.35 miles. The segment then angles and generally proceeds south-southeast for approximately 1.31 miles. The segment terminates at its intersection with Segments 47 and 50.

Segment 45A: 4.24 miles

Segment 45A begins at its intersection with Segments 41 and 42. The segment heads south-southeast for approximately 3.56 miles, paralleling the east side of an existing transmission line and crossing Farm-to-Market Road (FM) 1470. The segment then angles south-southwest for approximately 0.68 mile, continuing to parallel the east side of the existing transmission line. The segment terminates at its intersection with Segments 45B and 50.

Segment 45B: 0.10 mile

Segment 81: 1.05 miles
Segment 81 begins at its intersection with Segments 80 and 85. The segment generally proceeds east for approximately 1.05 miles, crossing SH 16. The segment terminates at its intersection with Segments 74 and 82.

Segment 82: 0.41 mile
Segment 82 begins at its intersection with Segments 74 and 81. The segment heads east for approximately 0.41 mile. The segment terminates at its intersection with Segments 83 and 86.

Segment 83: 3.11 miles
Segment 83 begins at its intersection with Segments 82 and 86. The segment generally proceeds east for approximately 3.11 miles, crossing Salt Branch Creek and Metate Creek. The segment terminates at its intersection with Segments 77 and 87.

Segment 84: 1.99 miles
Segment 84 begins at its intersection with Segment 72. The segment generally proceeds south for approximately 1.99 miles, crossing La Parita Creek. The segment terminates at its intersection with Segments 88 and 89.

Segment 85: 1.70 miles
Segment 85 begins at its intersection with Segments 80 and 81. The segment heads south for approximately 1.70 miles, paralleling the west side of SH 16 and crossing Goose Creek and La Parita Creek. The segment terminates at its intersection with Segments 85 and 90.

Segment 86: 3.67 miles
Segment 86 begins at its intersection with Segments 82 and 83. The segment heads south for approximately 3.67 miles, crossing La Parita Creek. The segment terminates at its intersection with Segments 92, 93 and 98.

Segment 87: 3.71 miles
Segment 87 begins at its intersection with Segments 77 and 83. The segment heads south for approximately 3.71 miles, crossing Metate Creek and Salt Branch Creek. The segment terminates at its intersection with Segments 93 and 94.

Segment 88: 4.70 miles
Segment 88 begins at its intersection with Segments 84 and 89. The segment generally proceeds east for approximately 4.70 miles. The segment terminates at its intersection with Segments 85 and 90.

Segment 89: 2.04 miles
Segment 89 begins at its intersection with Segments 84 and 88. The segment generally proceeds south for approximately 2.04 miles, crossing Turkey Creek. The segment terminates at its intersection with Segments 95 and 96.

Segment 90: 1.92 miles
Segment 90 begins at its intersection with Segments 85 and 88. The segment heads south for approximately 1.40 miles, paralleling the west side of SH 16. The segment then angles southwest for approximately 0.30 mile. The segment then angles south for approximately 0.22 mile. The segment terminates at its intersection with Segments 91 and 92.

Segment 91: 0.28 mile
Segment 91 begins at its intersection with Segments 90 and 92. The segment heads south for approximately 0.28 mile. The segment terminates at its intersection with Segments 95 and 97.

Segment 92: 1.74 miles
Segment 92 begins at its intersection with Segments 90 and 91. The segment proceeds east for approximately 0.25 miles, crossing SH 16. The segment then angles southeast for approximately 0.56 mile. The segment then turns east for approximately 0.93 mile. The segment terminates at its intersection with Segments 86, 93 and 98.

Segment 93: 3.07 miles
Segment 93 begins at its intersection with Segments 86, 92 and 98. The segment generally proceeds east for approximately 3.07 miles, crossing La Parita Creek. The segment terminates at its intersection with Segments 87 and 94.

Segment 94: 1.05 miles
Segment 94 begins at its intersection with Segments 87 and 93. The segment heads east for approximately 0.39 mile, and then angles southeast for approximately 0.66 mile. The segment terminates at its intersection with Segments 78 and 99.

Segment 95: 4.48 miles
Segment 95 begins at its intersection with Segments 89 and 96. The segment heads east for approximately 4.48 miles, crossing Turkey Creek. The segment terminates at its intersection with Segments 91 and 97.

Segment 96: 2.79 miles
Segment 96 begins at its intersection with Segments 89 and 95. The segment heads south for approximately 0.56 mile, and then angles southwest for approximately 0.24 mile, crossing FM 140. The segment then angles south for approximately 0.17 mile. The segment then angles southeast for approximately 0.36 mile, paralleling the east side of an existing transmission line. The segment terminates at its intersection with Segments 100 and 104.

Segment 97: 3.05 miles
Segment 97 begins at its intersection with Segments 91 and 95. The segment generally proceeds south for approximately 1.07 miles, crossing FM 140. The segment then angles southwest for approximately 0.17 mile. The segment then angles south for approximately 1.81 miles, crossing Turkey Creek. The segment terminates at its intersection with Segments 100 and 101.

Segment 98: 3.37 miles
Segment 98 begins at its intersection with Segments 86, 92 and 93. The segment generally proceeds south for approximately 3.37 miles, crossing FM 140, Turkey Creek and FM 3387. The segment terminates at its intersection with Segments 102 and 106.

Segment 99: 2.86 miles
Segment 99 begins at its intersection with Segments 78 and 94. The segment heads south for approximately 2.86 miles, crossing FM 140 and Christine Creek. The segment terminates at its intersection with Segment 107.

Segment 100: 4.29 miles
Segment 100 begins at its intersection with Segments 96 and 104. The segment heads east for approximately 1.75 miles, and then angles southeast for approximately 0.27 mile. The segment then generally proceeds east for approximately 2.27 miles. The segment terminates at its intersection with Segments 97 and 101.

Segment 101: 0.28 mile
Segment 101 begins at its intersection with Segments 97 and 100. The segment generally proceeds east for approximately 0.28 mile, crossing SH 16. The segment terminates at its intersection with Segments 102 and 105.

Segment 102: 1.46 miles
Segment 102 begins at its intersection with Segments 101 and 105. The segment heads east-southeast for approximately 1.46 miles. The segment terminates at its intersection with Segments 98 and 106.

Segment 104: 6.20 miles
Segment 104 begins at its intersection with Segments 96 and 100. The segment generally proceeds east-southeast for approximately 5.48 miles, paralleling the northeast side of an existing transmission line. The segment then turns east for approximately 0.72 mile, crossing SH 16. The segment terminates at its intersection with Segments 105 and 109.

Segment 105: 3.64 miles
Segment 105 begins at its intersection with Segments 101 and 102. The segment heads south for approximately 3.64 miles, paralleling the east side of SH 16 and crossing Macho Creek. The segment terminates at its intersection with Segments 104 and 109.

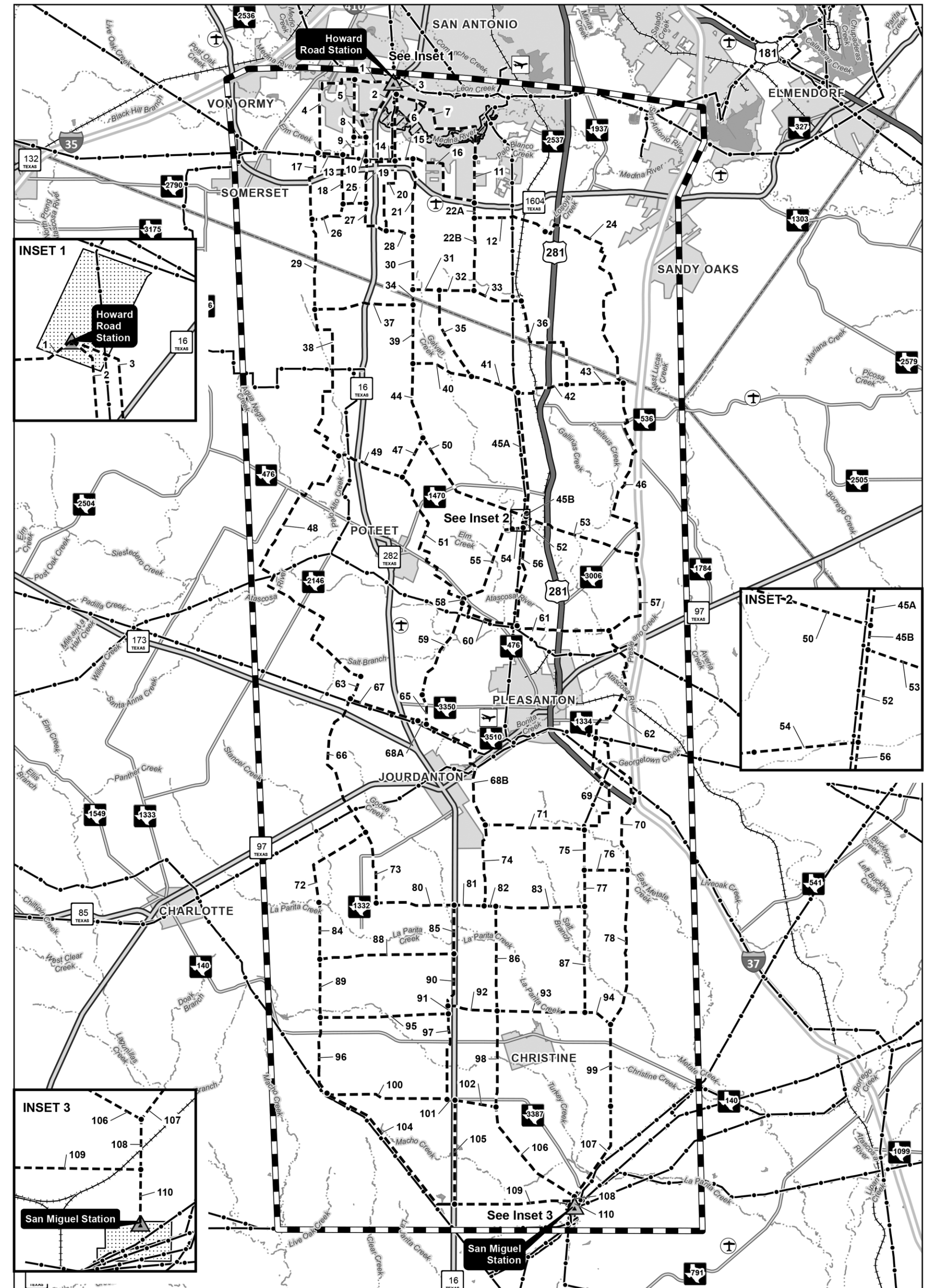
Segment 106: 4.36 miles
Segment 106 begins at its intersection with Segments 98 and 102. The segment heads south for approximately 0.68 mile, and then angles south-southeast for approximately 2.11 miles. The segment then angles east-southeast for approximately 1.57 miles, crossing Macho Creek. The segment terminates at its intersection with Segments 107 and 108.

Segment 107: 3.57 miles
Segment 107 begins at its intersection with Segment 99. The segment heads south for approximately 1.38 miles. The segment then angles and generally proceeds southwest for approximately 2.19 miles, crossing La Parita Creek and Turkey Creek. The segment terminates at its intersection with Segments 106 and 108.

Segment 108: 0.16 mile
Segment 108 begins at its intersection with Segments 106 and 107. The segment generally proceeds south for approximately 0.16 mile, crossing an existing railroad. The segment terminates at its intersection with Segments 109 and 110.

Segment 109: 4.20 miles
Segment 109 begins at its intersection with Segments 104 and 105. The segment generally proceeds east for approximately 4.20 miles, crossing an existing railroad. The segment terminates at its intersection with Segments 108 and 110.

Segment 110: 0.17 mile
Segment 110 begins at its intersection with Segments 108 and 109. The segment heads south for approximately 0.17 mile, before reaching the San Miguel Substation, located approximately 4 miles east of SH 16 and approximately 0.65 mile southwest of FM 3387.



Project Components	Existing Utility Features	Transportation Features	Surface Waters
Project Station	Existing Utility Features	Interstate Highway	Stream or River
Project Station Boundary	Landuse Features	US Highway	Water Body
Preliminary Alternative Segment, Node, and Label	Medina River Natural Area	State Highway	Farm-to-Market Road
Study Area Boundary		Railroad	Public Airport
		Private Airport	City Limit
			County Boundary

Date: 9/5/2024

HOWARD ROAD TO SAN MIGUEL 345 KV TRANSMISSION LINE PROJECT

PRIMARY SEGMENTS & STATION SITES

0 2 4 Miles