

Sharyland Utilities, L.P. and Lubbock Power & Light
Proposed Ogallala to Abernathy 345 kV Transmission Line Project in
Castro, Hale, and Swisher Counties, Texas
Docket No. 48625
Description of the Alternative Route Segments

Sharyland Utilities, L.P. (“Sharyland”) and Lubbock Power & Light (“LP&L”) have filed an application with the Public Utility Commission of Texas (“Commission”) for a Certificate of Convenience and Necessity (“CCN”) to construct the proposed Ogallala to Abernathy 345 kV Transmission Line Project (“Project”) in Castro, Hale, and Swisher counties, Texas. In their CCN application, Sharyland and LP&L have presented 24 alternative routes comprised of 141 segments for consideration by the Commission for this Project. The following table lists the segment combinations that make up the twenty-four (24) alternative routes. All routes and route segments are available for selection and approval by the Commission. Only one multi-segment transmission line route will ultimately be constructed from the existing Ogallala Station in Castro County, to the existing Abernathy Station in Hale County.

Alternative Route	Route Composition
1	1-22-38-50-52-53a-53b-88-93-112-117-128-135-137-138-139
2	3-7-21-22-38-49-51-52-53a-53b-88-93-112-117-128-134-133-132-138-139
3	1-22-38-50-52-53a-53b-88-93-112-117-124-125-126-130-139
4	3-7-23-28-39-51-52-53a-53b-88-93-112-115-116-118-121-125-129-132-138-139
5	3-7-23-28-39-51-52-53a-53b-88-93-111-113-116-118-119-122-130-139
6	3-7-23-28-39-51-52-53a-140-80-82-86-90-91-96-101-104-110-118-121-125-129-132-138-139
7	3-7-23-28-39-51-52-53a-53b-88-93-112-117-128-134-136-137-138-139
8	3-7-23-28-39-51-52-53a-53b-83-84-89-94-100-108-110-118-121-125-126-130-139
9	3-8-11-29-40-59-62-63-81-84-89-94-100-109-113-116-118-121-125-129-132-138-139
10	3-7-23-28-39-51-52-53a-140-80-82-86-87-91-96-101-104-110-118-121-125-129-132-138-139
11	3-7-23-28-39-51-52-53a-53b-83-84-85-86-87-91-96-101-104-110-118-121-125-126-130-139
12	3-7-23-28-39-51-52-54-62-63-81-84-89-94-98-101-103-105-106-114-120-122-130-139
13	3-8-11-29-40-55-56-57-61-66-67-70-72-77-79-97-102-105-107-114-123-131
14	3-8-11-29-40-55-60-65-66-67-70-72-77-79-97-102-105-107-114-123-131
15	3-7-23-28-39-51-52-54-62-64-65-66-67-70-72-77-79-97-99-106-114-123-131
16	3-8-9-10-12-15-30-41-44-57-58-67-70-71-74-77-79-97-99-106-114-123-131
17	2-6-14-17-31-45-70-71-73-82-86-87-91-96-101-104-110-118-121-125-129-132-138-139
18	1-22-35-36-37-41-42-43-46-48-78-79-97-102-105-106-114-120-122-130-139
19	2-6-13-20-33-47-69-76-78-79-97-102-105-107-114-120-122-130-139
20	3-7-23-24-25-26-27-32-34-48-78-79-97-99-106-114-123-131
21	2-5-12-16-17-31-45-70-71-73-82-86-87-91-95-97-99-106-114-123-131
22	4-10-12-16-18-19-34-48-78-79-97-99-106-114-123-127-130-139
23	4-10-12-15-26-27-33-47-68-75-76-78-79-97-102-105-107-114-123-131
24	3-7-23-28-39-51-52-53a-53b-88-92-94-100-109-113-116-118-121-125-129-132-138-139

The following narrative, along with the enclosed map, provides a detailed description of the Segments that form the twenty-four (24) alternative routes for consideration.

Segment 1

Segment 1 begins at the existing Ogallala Substation, located approximately 0.32 mile southwest of the intersection of County Road (CR) 529 and CR 616. The segment exits the northwest side of the substation and continues north for approximately 0.22 mile, paralleling the west side of an existing 345 kV transmission line and crossing CR 616 and an existing 69 kV transmission line. The segment then turns west for approximately 1.78 miles, paralleling the north side of an existing 69 kV transmission line, crossing an existing pipeline. The segment then turns south for

Ogallala to Abernathy 345 kV Transmission Line Project

Docket No. 48625 Description of the Alternative Route Segments

approximately 0.98 mile, paralleling the west side of an existing 69 kV transmission line and crossing an existing pipeline. The segment then continues south, immediately crossing an existing 69 kV transmission line, for approximately 2.07 miles, paralleling the west side of CR 527, until reaching its intersection with Segments 21 and 22, located on the northwest corner of the intersection of CR 527 and CR 619.

Segment 2

Segment 2 begins at the existing Ogallala Substation, located approximately 0.32 mile southwest of the intersection of CR 529 and CR 616. The segment exits the northeast side of the substation and heads north for approximately 0.11 mile, paralleling the east side of an existing 345 kV transmission line. The segment then turns east-northeast for approximately 0.47 mile, crossing CR 529. The segment then turns east for approximately 0.67 mile, paralleling the south side of CR 616, until reaching its intersection with Segments 5 and 6, located on the southwest corner of the intersection of CR 530 and CR 616.

Segment 3

Segment 3 begins at the existing Ogallala Substation, located approximately 0.32 mile southwest of the intersection of CR 529 and CR 616. The segment exits the southwest side of the substation and continues south for approximately 0.19 mile, paralleling the west side of an existing 345 kV transmission line, until reaching its intersection with Segments 7 and 8, located approximately 0.56 mile southwest of the intersection of CR 529 and CR 616.

Segment 4

Segment 4 begins at the existing Ogallala Substation, located approximately 0.32 mile southwest of the intersection of CR 529 and CR 616. The segment exits the southeast side of the substation and heads southeast for approximately 0.26 mile, crossing CR 529. The segment then turns south-southeast for approximately 0.07 mile, until reaching its intersection with Segments 9 and 10, located approximately 0.54 mile south-southeast of the intersection of CR 529 and CR 616.

Segment 5

Segment 5 begins at its intersection with Segments 2 and 6, located on the southwest corner of the intersection of CR 530 and CR 616. The segment heads south for approximately 0.51 mile, paralleling the west side of CR 530, until reaching its intersection with Segments 10 and 12, located on the west side of CR 530 approximately 0.53 mile south-southwest of the intersection of CR 530 and CR 616.

Segment 6

Segment 6 begins at its intersection with Segments 2 and 5, located on the southwest corner of the intersection of CR 530 and CR 616. The segment heads east, immediately crossing CR 530, for approximately 0.58 mile, crossing CR 530A. The segment then turns south for approximately 0.48 mile, paralleling the east side of CR 530A. The segment then turns east for approximately 1.68 miles, and crossing from Castro County to Swisher County, until reaching its intersection with Segments 13 and 14, located approximately 1.03 miles southwest of the intersection of CR 2 and State Highway (SH) 86.

Segment 7

Segment 7 begins at its intersection with Segments 3 and 8, located approximately 0.56 mile southwest of the intersection of CR 529 and CR 616. The segment heads west for approximately 0.73 mile. The segment then turns south, continuing for approximately 1.54 miles. The segment then continues south for approximately 0.99 mile,

Ogallala to Abernathy 345 kV Transmission Line Project

Docket No. 48625 Description of the Alternative Route Segments

paralleling the east side of CR 528, until reaching its intersection with Segments 21 and 23, located on the northeast corner of the intersection of CR 528 and CR 619.

Segment 8

Segment 8 begins at the intersection with Segment 3 and 7, located approximately 0.56 mile southwest of the intersection of CR 529 and CR 616. The segment heads south for approximately 0.04 mile, until reaching its intersection with Segments 9 and 11, located approximately 0.59 mile south-southwest of the intersection of CR 529 and CR 616.

Segment 9

Segment 9 begins at its intersection with Segments 8 and 11, located approximately 0.59 mile south-southwest of the intersection of CR 529 and CR 616. The segment heads east for approximately 0.33 mile, paralleling the south side of an existing 345 kV transmission line, crossing CR 529 and an existing 345 kV transmission line, until reaching its intersection with Segments 4 and 10, located approximately 0.54 mile south-southeast of the intersection of CR 529 and CR 616.

Segment 10

Segment 10 begins at its intersection with Segments 4 and 9, located approximately 0.54 mile south-southeast of the intersection of CR 529 and CR 616. The segment heads east for approximately 0.91 mile, until reaching its intersection with Segments 5 and 12, located on the west side of CR 530 approximately 0.53 mile south-southwest of the intersection of CR 530 and CR 616.

Segment 11

Segment 11 begins at its intersection with Segments 8 and 9, located approximately 0.59 mile south-southwest of the intersection of CR 529 and CR 616. The segment heads southeast for approximately 0.61 mile. The segment then turns south for approximately 2.43 miles, paralleling the west side of CR 529, until reaching its intersection with Segments 24, 25 and 29, located on the west side of CR 529 approximately 0.52 mile north-northwest of the intersection of CR 529 and CR 619.

Segment 12

Segment 12 begins at its intersection with Segments 5 and 10, located on the west side of CR 530 approximately 0.53 mile south-southwest of the intersection of CR 530 and CR 616. The segment heads south for approximately 0.86 mile, paralleling the west side of CR 530, until reaching its intersection with Segments 15 and 16, located on the west side of CR 530 approximately 0.38 mile south-southwest of the intersection of CR 530 and CR 530A.

Segment 13

Segment 13 begins at its intersection with Segments 6 and 14, located approximately 1.03 miles southwest of the intersection of CR 2 and SH 86. The segment heads east for approximately 0.86 mile, crossing CR 2. The segment then turns east-southeast for approximately 0.22 mile. The segment then turns east for approximately 4.33 miles, crossing CR 3, CR 4, Farm-to-Market (FM) 1424, an existing 69 kV transmission line, CR 6, an existing pipeline, and CR 7. The segment then turns south for approximately 1.02 miles, paralleling the east side of an existing pipeline and CR 7, crossing an existing pipeline and CR R, until its intersection with Segments 18, 19, and 20, located on the southeast corner of the intersection of CR R and CR 7.

Ogallala to Abernathy 345 kV Transmission Line Project

Docket No. 48625 Description of the Alternative Route Segments

Segment 14

Segment 14 begins at its intersection with Segments 6 and 13, located approximately 1.03 miles southwest of the intersection of CR 2 and SH 86. The segment heads southeast for approximately 0.39 mile. The segment then turns south for approximately 0.82 mile, paralleling the west side of CR 2, until reaching its intersection with Segments 16, 17 and 18, located on the southwest side of the intersection of CR 2 and CR R.

Segment 15

Segment 15 begins at the intersection with Segments 12 and 16, located on the west side of CR 530 approximately 0.38 mile south-southwest of the intersection of CR 530 and CR 530A. The segment heads south for approximately 0.72 mile, paralleling the west side of CR 530 and crossing CR 618 and an existing 345 kV transmission line. The segment then turns south-southeast for approximately 0.19 mile crossing CR 530. The segment then turns south for approximately 0.36 mile, paralleling the east side of CR 530 and crossing CR 618A. The segment then turns south-southwest for approximately 0.19 mile, crossing CR 530. The segment then turns south for approximately 0.69 mile, paralleling the west side of CR 530 and crossing CR 619, until reaching its intersections with Segments 25, 26, and 30, located on the west side of CR 530 approximately 0.49 mile south-southwest of the intersection of CR 530 and CR 619.

Segment 16

Segment 16 begins at its intersection with Segments 12 and 15, located on the west side of CR 530 approximately 0.38 mile south-southwest of the intersection of CR 530 and CR 530A. The segment heads east, immediately crossing CR 530, for approximately 1.55 miles, and crossing from Castro County to Swisher County. The segment then turns southeast for approximately 0.21 mile. The segment then turns east for approximately 0.95 mile, until reaching its intersection with Segments 14, 17, and 18, located on the southwest side of the intersection of CR 2 and CR R.

Segment 17

Segment 17 begins at its intersections with Segments 14, 16 and 18, located on the southwest side of the intersection of CR 2 and CR R. The segment heads south for approximately 1.98 miles, paralleling the west side of CR 2 and crossing an existing 345 kV transmission line, until reaching its intersection with Segments 26, 27 and 31, located on the west side of CR 2 approximately 1.02 miles north-northwest of the intersection of CR 2 and FM 928.

Segment 18

Segment 18 begins at its intersection with Segments 14, 16, and 17, located on the southwest side of the intersection of CR 2 and CR R. The segment heads east, immediately crossing CR 2, for approximately 2.06 miles, paralleling the south side of CR R and crossing CR 4. The segment then turns northeast for approximately 0.19 mile crossing CR R. The segment then turns east for approximately 0.82 mile, paralleling the north side of CR R and crossing FM 1424 and an existing 69 kV transmission line. The segment then turns southeast for approximately 0.19 mile, crossing CR R. The segment then turns east for approximately 1.85 miles, paralleling the south side of CR R and crossing CR 7, until reaching its intersection with Segments 13, 19 and 20, located on the southeast corner of the intersection of CR R and CR 7.

Segment 19

Segment 19 begins at its intersection with Segments 13, 18, and 20 on the southeast corner of the intersection of CR R and CR 7. The segment heads east, immediately crossing an existing pipeline, for approximately 2.01 miles, paralleling the south side of CR R, and crossing an existing pipeline. The segment then turns south for

Ogallala to Abernathy 345 kV Transmission Line Project

Docket No. 48625 Description of the Alternative Route Segments

approximately 1.46 miles, paralleling the west side of FM 3141. The segment then turns southeast for approximately 0.19 mile, crossing an existing pipeline and FM 3141. The segment then turns south for approximately 0.21 mile, paralleling the east side of FM 3141. The segment then turns southwest for approximately 0.17 mile, crossing FM 3141, an existing pipeline, and CR T. The segment then continues southwest for approximately 0.31 mile, paralleling the west side of FM 3141 and crossing an existing pipeline. The segment then turns south for approximately 0.45 mile, paralleling the west side of FM 3141, until reaching its intersection with Segments 32 and 34, located on the northwest corner of the intersection of CR U and FM 3141.

Segment 20

Segment 20 begins at its intersection with Segments 13, 18, and 19, located on the southeast corner of the intersection of CR R and CR 7. The segment heads south for approximately 1.96 miles, paralleling the east side of CR 7 and an existing pipeline. The segment then turns southwest for approximately 0.19 mile, crossing CR T, three existing pipelines, and crossing CR 7. The segment then turns south for approximately 0.65 mile, paralleling the west side of CR 7, until reaching its intersection with Segments 27, 32, and 33, located on the west side of CR 7 approximately 0.04 mile northwest of the intersection of CR 7 and CR U.

Segment 21

Segment 21 begins at its intersection with Segments 1 and 22, located on the northwest corner of the intersection of CR 527 and CR 619. The segment heads east, immediately crossing CR 527, for approximately 1.04 miles, paralleling the north side of CR 619, and crossing CR 528, until it reaches its intersection with Segments 7 and 23, located on the northeast corner of the intersection of CR 528 and CR 619.

Segment 22

Segment 22 begins at its intersection with Segments 1 and 21, located on the northwest corner of the intersection of CR 527 and CR 619. The segment heads south, immediately crossing CR 619, for approximately 5.06 miles, paralleling the west side of CR 527, crossing an existing 230 kV transmission line, an existing 115 kV transmission line, CR 620, an existing 115 kV transmission line, CR 621, and CR 623, until reaching its intersection with Segments 35 and 38, located on the northwest corner of the intersection of CR 527 and CR 624.

Segment 23

Segment 23 begins at its intersection with Segments 7 and 21, located on the northeast corner of the intersection of CR 528 and CR 619. The segment heads south, immediately crossing CR 619, for approximately 0.51 mile, until reaching its intersection with Segments 24 and 28, located on the north side of an existing 230 kV transmission line approximately 0.49 mile south of the intersection of CR 528 and CR 619.

Segment 24

Segment 24 begins at its intersection with Segments 23 and 28, located on the north side of an existing 230 kV transmission line approximately 0.49 mile south of the intersection of CR 528 and CR 619. The segment heads east for approximately 0.96 mile, paralleling the north side of an existing 230 kV transmission line, until reaching its intersection with Segments 11, 25, and 29, located approximately 0.52 mile south-southwest of the intersection of CR 529 and CR 619.

Segment 25

Segment 25 begins at its intersection with Segments 11, 24, and 29, located on the west side of CR 529 approximately 0.52 mile south-southwest of the intersection of CR 529 and CR 619. The segment heads east, immediately crossing CR 529, for approximately 1.00 mile, paralleling the north side of an existing 230 kV

Ogallala to Abernathy 345 kV Transmission Line Project

Docket No. 48625 Description of the Alternative Route Segments

transmission line, until reaching its intersection with Segments 15, 26, and 30, located on the west side of CR 530 approximately 0.49 mile south-southwest of the intersection of CR 530 and CR 619.

Segment 26

Segment 26 begins at its intersection with Segments 15, 25, and 30, located on the west side of CR 530 located approximately 0.49 mile south-southwest of the intersection of CR 530 and CR 619. The segment heads east, immediately crossing CR 530, for approximately 2.63 miles, and crossing from Castro County to Swisher County, until reaching its intersection with Segments 17, 27, and 31, located on the west side of CR 2 approximately 1.02 miles north-northwest of the intersection of CR 2 and FM 928.

Segment 27

Segment 27 begins at its intersection with Segments 17, 26, and 31, located on the west side of CR 2 approximately 1.02 miles north-northwest of the intersection of CR 2 and FM 928. The segment heads east, immediately crossing CR 2, for approximately 1.11 miles. The segment then continues east for approximately 2.13 miles, paralleling the north side of CR T, crossing an existing 345kV transmission line, CR 4, FM 1424, and an existing 69 kV transmission line. The segment then turns south, immediately crossing CR T, for approximately 0.46 mile. The segment then turns southeast for approximately 1.17 miles, crossing an existing pipeline. The segment then turns east for approximately 0.58 mile, until reaching its intersection with Segments 20, 32, and 33, located on the west side of CR 7 approximately 0.04 mile northwest of the intersection of CR 7 and CR U.

Segment 28

Segment 28 begins at its intersection with Segments 23 and 24, located on the north side of an existing 230 kV transmission line approximately 0.49 mile south of the intersection of CR 528 and CR 619. The segment heads south, immediately crossing an existing 230 kV transmission line, for approximately 0.51 mile, paralleling the east side of an the existing 230 kV transmission line and crossing an existing 115 kV transmission line and CR 620. The segment then continues south for approximately 1.01 miles, crossing FM 928. The segment then continues south for approximately 2.59 miles, paralleling the east side of CR 528, and crossing CR 621A. The segment then turns southwest for approximately 0.19 mile, crossing CR 528. The segment then turns south for approximately 0.26 mile, paralleling the west side of CR 528, until reaching its intersection with Segments 35, 36, and 39, located on the northwest corner of the intersection of CR 528 and CR 624.

Segment 29

Segment 29 begins at its intersection with Segments 11, 24, and 25, located on the west side of CR 529 approximately 0.52 mile south-southwest of the intersection of CR 529 and CR 619. The segment heads south, immediately crossing an existing 230 kV transmission line, for approximately 3.07 miles, paralleling the west side of CR 529 and crossing an existing 115 kV transmission line, CR 620, and FM 928. The segment then turns southeast for approximately 0.22 mile, crossing CR 529. The segment then turns south for approximately 0.18 mile, paralleling the east side of CR 529. The segment then turns southwest for approximately 0.22 mile, crossing CR 529. The segment then turns south for approximately 0.88 mile, paralleling the west side of CR 529, until reaching its intersection with Segments 36, 37, and 40, located on the northwest corner of the intersection of CR 529 and 624.

Segment 30

Segment 30 begins at its intersection with Segments 15, 25, and 26, located on the west side of CR 530 approximately 0.49 mile south-southwest of the intersection of CR 530 and CR 619. The segment heads south, immediately crossing an existing 230 kV transmission line, for approximately 0.51 mile, paralleling the west side of

Ogallala to Abernathy 345 kV Transmission Line Project

Docket No. 48625

Description of the Alternative Route Segments

an existing 230 kV transmission line. The segment then turns east, immediately crossing an existing 230 kV transmission line and CR 530, for approximately 1.05 miles, paralleling the north side of an existing 230 kV transmission line. The segment then turns south for approximately 1.54 miles, paralleling the east side of an existing 230 kV transmission line, crossing FM 928, and an existing 230 kV transmission line. The segment continues south for approximately 1.06 miles, paralleling the east side of an existing 115 kV transmission line and crossing an existing 115 kV transmission line. The segment then turns southwest for approximately 0.21 mile, crossing CR 531. The segment then turns south for approximately 1.27 miles, paralleling the west side of CR 531, until reaching its intersection with Segments 37 and 41, located on the northwest corner of the intersection of CR 531 and CR 624.

Segment 31

Segment 31 begins at its intersection with Segments 17, 26, and 27, located approximately 1.02 miles north-northwest of the intersection of CR 2 and FM 928. The segment heads south for approximately 2.84 miles, crossing an existing 230 kV transmission line. The segment then turns southeast for approximately 0.19 mile. The segment then turns south for approximately 0.96 mile, paralleling the east side of an existing 115 kV transmission line. The segment then continues south, immediately crossing an existing 115 kV transmission line, for approximately 0.99 mile, until reaching its intersection with Segments 42, 43, and 45, located on the northeast corner of the intersection of CR Y and CR 2.

Segment 32

Segment 32 begins at its intersection with Segments 20, 27, and 33, located on the west side of CR 7 approximately 0.04 mile northwest of the intersection of CR 7 and CR U. The segment heads east, immediately crossing CR 7 and an existing pipeline, for approximately 2.03 miles, paralleling the north side of CR U and crossing an existing pipeline, until reaching its intersection with Segments 19 and 34, located on the northwest corner of the intersection of CR U and FM 3141.

Segment 33

Segment 33 begins at its intersection with Segments 20, 27, and 32, located on the west side of CR 7 approximately 0.04 mile northwest of the intersection of CR 7 and CR U. The segment heads southeast for approximately 0.19 mile, crossing CR 7 and an existing pipeline. The segment then turns south for approximately 1.22 miles, paralleling the east side of CR 7 and an existing pipeline and crossing an existing 345 kV transmission line and FM 928. The segment then turns southwest for approximately 0.13 mile, crossing two existing pipelines and CR 7. The segment then turns south for approximately 3.03 miles, paralleling the west side of CR 7, and crossing CR V, an existing 230 kV transmission line, and CR X, until reaching its intersection with Segments 43, 46, and 47, located on the west side of CR 7 approximately 0.51 mile south-southwest of the intersection of CR 7 and CR Y.

Segment 34

Segment 34 begins at its intersection with Segments 19 and 32, located on the northwest corner of the intersection of CR U and FM 3141. The segment heads south, immediately crossing CR U, for approximately 0.28 mile, paralleling the west side of FM 3141. The segment then turns southwest for approximately 0.19 mile. The segment then turns southeast for approximately 0.19 mile. The segment then turns south for approximately 0.39 mile, paralleling the west side of FM 3141. The segment then continues south, immediately crossing FM 928, for approximately 1.25 miles, paralleling the west side of CR 9 and crossing an existing 345 kV transmission line. The segment then turns southeast for approximately 0.19 mile, crossing CR 9. The segment then turns south for approximately 2.08 miles, paralleling the east side of CR 9 and crossing an existing 230 kV transmission line, until

Ogallala to Abernathy 345 kV Transmission Line Project

Docket No. 48625 Description of the Alternative Route Segments

reaching its intersection with Segments 46 and 48, located on the east side of CR 9 located approximately 0.51 mile south-southeast of the intersection of CR 9 and CR Y.

Segment 35

Segment 35 begins at its intersection with Segments 22 and 38, located on the northwest corner of the intersection of CR 527 and CR 624. The segment heads east, immediately crossing CR 527, for approximately 1.00 mile, paralleling the north side of CR 624, until reaching its intersection with Segments 28, 36, and 39, located on the northwest corner of the intersection of CR 528 and CR 624.

Segment 36

Segment 36 begins at its intersection with Segments 28, 35, and 39, located on the northwest corner of the intersection of CR 528 and CR 624. The segment heads east, immediately crossing CR 528, for approximately 1.00 mile, paralleling the north side of CR 624, until reaching its intersection with Segments 29, 37, and 40, located on the northwest corner of the intersection of CR 529 and CR 624.

Segment 37

Segment 37 begins at its intersection with Segments 29, 36, and 40, located on the northwest corner of the intersection of CR 529 and CR 624. The segment heads east, immediately crossing CR 529, for approximately 2.01 miles, paralleling the north side of CR 624, until reaching its intersection with Segments 30 and 41, located on the northwest corner of the intersection of CR 531 and CR 624.

Segment 38

Segment 38 begins at its intersection with Segments 22 and 35, located on the northwest corner of the intersection of CR 527 and CR 624. The segment heads south, immediately crossing CR 624, for approximately 1.01 miles, paralleling the west side of CR 527, until reaching its intersection with Segments 49 and 50, located on the northwest corner of the intersection of CR 527 and CR 625.

Segment 39

Segment 39 begins at its intersection with Segments 28, 35, and 36, located on the northwest corner of the intersection of CR 528 and CR 624. The segment heads south, immediately crossing CR 624, for approximately 1.01 miles, paralleling the west side of CR 528, until reaching its intersection with Segments 49 and 51, located on the northwest corner of the intersection of CR 528 and CR 625.

Segment 40

Segment 40 begins at its intersection with Segments 29, 36 and 37, located on the northwest corner of the intersection of CR 529 and CR 624. The segment heads south, immediately crossing CR 624, for approximately 4.06 miles, paralleling the west side of CR 529, and crossing CR 625, and FM 145, until reaching its intersection with Segments 55 and 59, located on the west side of CR 529 approximately 0.32 mile north of the intersection of SH 194 and CR 529.

Segment 41

Segment 41 begins at its intersection with Segments 30 and 37, located on the northwest corner of the intersection of CR 531 and CR 624. The segment heads south, immediately crossing CR 624, for approximately 0.48 mile, paralleling the west side of CR 531, until reaching its intersection with Segments 42 and 44, located on the west side of CR 531 approximately 0.02 mile northwest of the intersection of CR 531 and CR Y.

Ogallala to Abernathy 345 kV Transmission Line Project

Docket No. 48625 Description of the Alternative Route Segments

Segment 42

Segment 42 begins at its intersection with Segments 41 and 44, located on the west side of CR 531 approximately 0.02 mile northwest of the intersection of CR 531 and CR Y. The segment heads east, immediately crossing CR 531, for approximately 1.73 miles, paralleling the north side of CR Y, crossing from Castro County to Swisher County and crossing CR 2, until reaching its intersection with Segments 31, 43, and 45, located on the northeast corner of the intersection of CR Y and CR 2.

Segment 43

Segment 43 begins at its intersection with Segments 31, 42, and 45, located on the northeast corner of the intersection of CR Y and CR 2. The segment heads east for approximately 2.86 miles, paralleling the north side of CR Y, crossing CR 3, and an existing pipeline. The segment then turns southeast for approximately 0.23 mile, crossing an existing 69 kV transmission line and FM 1424. The segment then turns east for approximately 0.73 mile. The segment then turns southeast for approximately 0.42 mile, crossing an existing pipeline, CR 6, and an existing 115 kV transmission line. The segment then turns east for approximately 0.81 mile, until reaching its intersection with Segments 33, 46, and 47, located on the west side of CR 7 approximately 0.51 miles south-southwest of the intersection of CR 7 and CR Y.

Segment 44

Segment 44 begins at its intersection with Segments 41 and 42, located on the west side of CR 531 approximately 0.02 mile northwest of the intersection of CR 531 and CR Y. The segment heads south for approximately 0.33 mile, paralleling the west side of CR 531. The segment then turns southwest for approximately 0.19 mile. The segment then turns southeast for approximately 0.39 mile, crossing CR 625 and CR 531. The segment then turns south for approximately 0.19 mile, paralleling the east side of CR 531. The segment then turns southwest for approximately 0.19 mile, crossing CR 531. The segment then turns south for approximately 2.24 miles, paralleling the west side of CR 531, and crossing FM 145 and CR BB, until reaching its intersection with Segments 56 and 57, located approximately 0.03 mile southwest of the intersection of CR BB and CR 531.

Segment 45

Segment 45 begins at its intersection with Segments 31, 42, and 43, located on the northeast side of the intersection of CR Y and CR 2. The segment heads south, immediately crossing CR Y, for approximately 2.01 miles, paralleling the east side of CR 2 and crossing CR Z. The segment then turns east for approximately 2.15 miles, paralleling the north side of FM 145 and an existing 69 kV transmission line, and crossing CR 3 and an existing pipeline. The segment then turns south, immediately crossing an existing 69kV transmission line and FM 145, for approximately 1.38 miles, paralleling the west side of CR 4, and crossing an existing pipeline and CR BB. The segment then turns southwest for approximately 0.34 mile, paralleling the southeast side of an existing pipeline. The segment then turns south for approximately 2.19 miles, paralleling the east side of CR 4 and crossing CR CC. The segment then turns southwest for approximately 0.19 mile, crossing CR J, CR 4, and crossing from Swisher County to Hale County. The segment then turns south for approximately 0.77 mile, paralleling the west side of CR J and crossing CR 10, until reaching its intersection with Segments 67 and 70, located on the northwest corner of the intersection of SH 194 and CR J and on the northwest side of an existing railroad..

Segment 46

Segment 46 begins at its intersection with Segments 33, 43, and 47, located on the west side of CR 7 approximately 0.51 mile south-southwest of the intersection of CR 7 and CR Y. The segment heads east, immediately crossing CR 7 and an existing pipeline, for approximately 2.04 miles, crossing CR 9, until reaching its intersection with

Ogallala to Abernathy 345 kV Transmission Line Project

Docket No. 48625 Description of the Alternative Route Segments

Segments 34 and 48, located on the east side of CR 9 approximately 0.51 mile south-southeast of the intersection of CR 9 and CR Y.

Segment 47

Segment 47 begins at its intersection with Segments 33, 43, and 46, located on the west side of CR 7 approximately 0.51 mile south-southwest of the intersection of CR 7 and CR Y. The segment heads south for approximately 2.48 miles, paralleling the west side of CR 7 and crossing an existing 115 kV transmission line, an existing 69 kV transmission line, and FM 145. The segment then turns east for approximately 0.37 mile, crossing CR 7 and an existing pipeline. The segment then turns south for approximately 1.00 mile, crossing CR BB. The segment then turns southwest for approximately 0.39 mile, crossing CR CC. The segment then turns south for approximately 1.43 miles, paralleling the west side of CR 7 and an existing pipeline and crossing CR DD. The segment then turns southeast for approximately 0.24 mile, until reaching its intersection with Segments 68 and 69, located approximately 0.25 mile northeast of the intersection of CR 7 and CR EE.

Segment 48

Segment 48 begins at its intersection with Segments 34 and 46, located on the east side of CR 9 located approximately 0.51 mile south-southeast of the intersection of CR 9 and CR Y. The segment heads south for approximately 0.97 mile, paralleling the east side of CR 9 and crossing an existing 115 kV transmission line. The segment then turns southwest for approximately 0.19 mile, crossing CR 9. The segment then turns south for approximately 0.37 mile, paralleling the west side of CR 9, and crossing FM 145 and an existing 69 kV transmission line. The segment then turns southeast for approximately 0.17 mile, crossing CR 9. The segment then turns south for approximately 1.22 miles, paralleling the east side of CR 9 and crossing CR BB. The segment then turns southwest for approximately 0.14 mile, crossing CR 9. The segment then turns south for approximately 0.44 mile, paralleling the west side of CR 9 crossing CR CC. The segment continues south for approximately 0.57 mile. The segment then turns east for approximately 0.22 mile. The segment then turns south for approximately 1.68 miles, paralleling the west side of CR 9 and an existing 115 kV transmission line, and crossing CR DD, and crossing from Swisher County to Hale County. The segment then continues south, immediately crossing CR 5 and an existing 115 kV transmission line, for approximately 2.49 miles, paralleling the east side of CR O and crossing FM 788. The segment then turns west for approximately 1.06 miles, paralleling the south side of FM 788 and crossing CR O and an existing 115 kV transmission line, until reaching its intersection with Segments 76 and 78, located on the southeast corner of FM 788 and Nix Road (Rd).

Segment 49

Segment 49 begins at its intersection with Segments 38 and 50, located on the northwest corner of the intersection of CR 527 and CR 625. The segment heads east, immediately crossing CR 527, for approximately 1.00 mile, paralleling the north side of CR 625, until reaching its intersection with Segments 39 and 51, located on the northwest corner of the intersection of CR 528 and CR 625.

Segment 50

Segment 50 begins at its intersection with Segments 38 and 49, located on the northwest corner of the intersection of CR 527 and CR 625. The segment heads south, immediately crossing CR 625, for approximately 2.01 miles, and crossing FM 145. The segment then turns east for approximately 1.03 miles, crossing CR 528, until reaching its intersection with Segments 51 and 52, located on the east side of CR 528 approximately 0.85 mile north of the intersection of SH 194 and CR 528.

Ogallala to Abernathy 345 kV Transmission Line Project

Docket No. 48625 Description of the Alternative Route Segments

Segment 51

Segment 51 begins at its intersection with Segments 39 and 49, located on the northwest corner of the intersection of CR 528 and CR 625. The segment heads southeast for approximately 0.19 mile, crossing CR 528 and CR 625. The segment then turns south for approximately 1.85 miles, paralleling the east side of CR 528 and crossing FM 145, until reaching its intersection with Segments 50 and 52, located on the east side of CR 528 approximately 0.85 mile north of the intersection of SH 194 and CR 528.

Segment 52

Segment 52 begins at its intersection with Segments 50 and 51, located on the east side of CR 528 approximately 0.85 mile north of the intersection of SH 194 and CR 528. The segment heads south for approximately 0.44 mile, paralleling the east side of CR 528. The segment then turns southwest for approximately 0.24 mile, crossing CR 528. The segment then turns south for approximately 0.13 mile, paralleling the west side of CR 528, until reaching its intersection with Segments 53a and 54, located on the northwest corner of the intersection of CR 528 and SH 194.

Segment 53a

Segment 53a begins at its intersection with Segments 52 and 54, located on the northwest corner of the intersection of CR 528 and SH 194. The segment heads south, immediately crossing an existing railroad and SH 194, for approximately 2.04 miles, paralleling the west side of CR 528 and crossing CR 629. The segment then turns southwest for approximately 0.42 mile, crossing CR 528. The segment then turns south for approximately 0.30 mile, paralleling the east side of CR 528 and crossing from Castro County to Hale County. The segment continues south, approximately 1.21 miles, paralleling the east side of CR C, and crossing FM 2881. The segment then turns southwest for approximately 0.30 mile, crossing CR C. The segment then turns south for approximately 1.94 miles, paralleling the west side of CR C and crossing an existing pipeline and CR 30. The segment then turns southeast for approximately 0.19 mile, crossing CR C, until reaching its intersection with Segments 53b and 140, located on the north side of CR 40 approximately 0.11 mile west-northwest of the intersection of CR 40 and CR C.

Segment 53b

Segment 53b begins at its intersection with Segments 53a and 140, located on the north side of CR 40 approximately 0.11 mile west-northwest of the intersection of CR 40 and CR C. The segment heads southeast for approximately 0.14 mile, crossing CR 40. The segment then turns south for approximately 1.85 miles, paralleling the west side of CR C and crossing CR 50, until reaching its intersection with Segments 83 and 88, located on the west side of CR C approximately 0.07 mile northwest of the intersection of CR C and CR 60.

Segment 54

Segment 54 begins at its intersection with Segments 52 and 53a, located on the northwest corner of the intersection of CR 528 and SH 194. The segment heads southeast, immediately crossing CR 528, for approximately 0.90 mile, paralleling the north side of an existing railroad and SH 194. The segment then turns southeast for approximately 0.19 mile, crossing an existing railroad and SH 194, until reaching its intersection with Segment 59 and 62, located approximately 0.12 mile west-southwest of the intersection of SH 194 and CR 529.

Segment 55

Segment 55 begins at its intersection with Segment 40 and 59, located on the west side of CR 529 approximately 0.32 mile north of the intersection of SH 194 and CR 529. The segment heads east, immediately crossing CR 529, for approximately 0.93 mile, until reaching its intersection with Segments 56 and 60, located on the south side of CR 628 approximately 0.96 mile northwest of the intersection of SH 194 and CR 529.

Ogallala to Abernathy 345 kV Transmission Line Project

Docket No. 48625 Description of the Alternative Route Segments

Segment 56

Segment 56 begins at its intersection with Segments 55 and 60, located approximately 0.96 mile northwest of the intersection of SH 194 and CR 529. The segment heads east for approximately 0.68 mile. The segment then turns northeast for approximately 0.18 mile. The segment then turns east for approximately 0.22 mile, until reaching its intersection with Segments 44 and 57, located on the south side of CR 628 approximately 0.03 mile southwest of the intersection of CR 628 and CR 531.

Segment 57

Segment 57 begins at its intersection with Segments 44 and 56, located approximately 0.03 mile southwest of the intersection of CR 628 and CR 531. The segment heads east for approximately 0.18 mile, paralleling the south side of CR 628 and crossing CR 531, until reaching its intersection with Segments 58 and 61, located on the southeast corner of the intersection of CR 531 and CR 628.

Segment 58

Segment 58 begins at its intersection with Segments 57 and 61, located on the southeast corner of the intersection of CR 531 and CR 628. The segment heads east for approximately 0.16 mile, paralleling the south side of CR 628 and crossing from Castro County to Swisher County. The segment continues east, paralleling south side of CR BB for approximately 0.37 mile. The segment then turns south for approximately 1.67 miles, paralleling the west side of CR 1 and crossing CR CC, until reaching its intersection with Segments 66 and 67, located on the northwest corner of the intersection of CR 1 and SH 194.

Segment 59

Segment 59 begins at its intersection with Segments 40 and 55, located on the west side of CR 529 approximately 0.32 mile north of the intersection of SH 194 and CR 529. The segment heads south for approximately 0.16 mile, paralleling the west side of CR 529. The segment then turns southwest for approximately 0.20 mile, crossing an existing railroad and SH 194, until reaching its intersection with Segments 54 and 62, located approximately 0.12 mile west-southwest of the intersection of SH 194 and CR 529.

Segment 60

Segment 60 begins at its intersection with Segments 55 and 56, located on the south side of CR 628 approximately 0.96 mile northwest of the intersection of SH 194 and CR 529. The segment heads south for approximately 0.72 mile, until reaching its intersection with Segments 64 and 65, located approximately 0.20 mile east of the intersection of CR 529A and SH 194.

Segment 61

Segment 61 begins at its intersection with Segments 57 and 58, located on the southeast corner of the intersection of CR 531 and CR BB. The segment heads south for approximately 0.77 mile, paralleling the east side of CR 531 and crossing CR CC. The segment then turns southeast for approximately 0.14 mile. The segment then turns south for approximately 0.51 mile, until reaching its intersection with Segments 65 and 66, located on the north side of SH 194 approximately 0.57 mile northwest of the intersection of SH 194 and CR 1.

Segment 62

Segment 62 begins at its intersection with Segments 54 and 59, located approximately 0.12 mile west-southwest of the intersection of SH 194 and CR 529. The segment heads southeast for approximately 0.06 mile, until reaching its intersection with Segments 64 and 63, located approximately 0.11 mile southwest of the intersection of SH 194 and CR 529.

Ogallala to Abernathy 345 kV Transmission Line Project

Docket No. 48625 Description of the Alternative Route Segments

Segment 63

Segment 63 begins at its intersection with Segments 62 and 64, located approximately 0.11 mile southwest of the intersection of SH 194 and CR 529. The segment heads southeast for approximately 0.12 mile. The segment then turns south for approximately 1.25 miles, paralleling the west side of CR 529 and crossing CR 629. The segment then turns south-southeast for approximately 0.19 mile. The segment then turns south for approximately 1.97 miles, crossing from Castro County to Hale County. The segment then turns east for approximately 0.69 mile, paralleling the north side of FM 2881. The segment then turns south, immediately crossing FM 2881, for approximately 1.72 miles, paralleling the west side of FM 2284 and crossing an existing pipeline and CR 20. The segment then turns southeast for approximately 0.49 mile, crossing FM 2284. The segment then turns south for approximately 0.87 mile, paralleling the east side of FM 2284, until reaching its intersection with Segments 80, 81, and 140, located on the southeast side of the intersection of FM 2284 and CR 40.

Segment 64

Segment 64 begins at its intersection with Segments 62 and 63, located approximately 0.11 mile southwest of the intersection of SH 194 and CR 529. The segment heads east for approximately 0.20 mile, crossing CR 529. The segment then turns southeast for approximately 0.47 mile, paralleling the south side of SH 194. The segment then turns east for approximately 0.17 mile, crossing SH 194 and an existing railroad. The segment then turns southeast for approximately 0.26 mile, paralleling the north side of an existing railroad and SH 194, until reaching its intersection with Segments 60 and 65, located approximately 0.97 mile southeast of the intersection of CR 529 and SH 194.

Segment 65

Segment 65 begins at its intersection with Segments 60 and 64, located approximately 0.97 mile southeast of the intersection of CR 529 and SH 194. The segment heads southeast for approximately 1.50 miles, paralleling the north side of an existing railroad and SH 194, until reaching its intersection with Segments 61 and 66, located on the north side of SH 194 approximately 0.57 mile northwest of the intersection of SH 194 and CR 1.

Segment 66

Segment 66 begins at its intersection with Segments 61 and 65, located on the north side of SH 194 approximately 0.57 mile northwest of the intersection of SH 194 and CR 1. The segment heads southeast for approximately 0.53 mile, paralleling the north side of an existing railroad and SH 194 and crossing from Castro County to Swisher County, until reaching its intersection with Segments 58 and 67, located on the northwest corner of the intersection of CR 1 and SH 194.

Segment 67

Segment 67 begins at its intersection with Segments 58 and 66, located on the northwest corner of the intersection of CR 1 and SH 194. The segment heads southeast, immediately crossing CR 1, for approximately 1.53 miles, paralleling the north side of an existing railroad and SH 194 and crossing an existing pipeline. The segment then turns east for approximately 0.22 mile. The segment then turns south-southeast for approximately 0.13 mile, crossing from Swisher County to Hale County. The segment then turns southeast for approximately 1.56 miles, paralleling the north side of an existing railroad and SH 194 and crossing CR 3 and CR 10, until reaching its intersection with Segments 45 and 70, located on the northwest corner of the intersection of CR J and SH 194.

Segment 68

Segment 68 begins at its intersection with Segments 47 and 69, located approximately 0.25 mile northeast of the intersection of CR 7 and CR EE. The segment heads south for approximately 0.37 mile, crossing CR M, an existing

Ogallala to Abernathy 345 kV Transmission Line Project

Docket No. 48625 Description of the Alternative Route Segments

pipeline, and from Swisher County to Hale County. The segment then continues south for approximately 1.53 miles, paralleling the west side of CR M and crossing CR 10, until reaching its intersection with Segment 75, located on the northwest corner of the intersection of CR 20 and CR M.

Segment 69

Segment 69 begins at its intersection with Segments 47 and 68, located approximately 0.25 mile northeast of the intersection of CR 7 and CR EE. The segment heads southeast for approximately 0.44 mile, crossing from Swisher County to Hale County. The segment then turns east for approximately 0.95 mile, paralleling the north side of CR 5. The segment then turns south, immediately crossing CR 5, for approximately 1.45 miles, paralleling the west side of CR N, until reaching its intersection with Segments 75 and 76, located on the northwest corner of the intersection of CR N and CR 20.

Segment 70

Segment 70 begins at its intersection with Segments 45 and 67, located on the northwest corner of the intersection of CR J and SH 194. The segment heads south for approximately 0.11 mile, crossing an existing railroad and SH 194, until reaching its intersection with Segments 71 and 72, located approximately 0.06 mile south-southwest of the intersection of SH 194 and CR J.

Segment 71

Segment 71 begins at its intersection with Segments 70 and 72, located approximately 0.06 mile south-southwest of the intersection of SH 194 and CR J. The segment heads south for approximately 0.60 mile, paralleling the west side of CR J, until reaching its intersection with Segments 73 and 74, located on the north side of CR 20 approximately 0.79 mile east-northeast of the intersection of CR 20 and FM 179.

Segment 72

Segment 72 begins at its intersection with Segments 70 and 71, located approximately 0.06 mile south-southwest of the intersection of SH 194 and CR J. The segment heads southeast, immediately crossing CR J, for approximately 1.01 miles, paralleling the south side of SH 194. The segment then turns southeast for approximately 0.45 mile, crossing an existing pipeline and CR 20, until reaching its intersection with Segments 74 and 77, located on the west side of CR K approximately 0.11 mile south-southwest of the intersection of CR 20 and CR K.

Segment 73

Segment 73 begins at its intersection with Segments 71 and 74, located on the north side of CR 20 approximately 0.79 mile east-northeast of the intersection of CR 20 and FM 179. The segment heads west for approximately 0.77 mile, paralleling the north side CR 20 and an existing pipeline. The segment then turns south, immediately crossing an existing pipeline and CR 20, for approximately 2.02 miles, paralleling the east side of FM 179, until reaching its intersection with Segments 80 and 82, located on the east side of FM 179 approximately 1.02 miles north of the intersection of CR 50 and FM 179.

Segment 74

Segment 74 begins at its intersection with Segments 71 and 73, located on the north side of CR 20 approximately 0.79 mile east-northeast of the intersection of CR 20 and FM 179. The segment heads east for approximately 1.04 miles, paralleling CR 20 and an existing pipeline. The segment then turns southeast for approximately 0.22 mile, crossing an existing pipeline and CR 20, until reaching its intersection with Segments 72 and 77, located on the west side of CR K approximately 0.11 mile south-southwest of the intersection of CR 20 and CR K.

Ogallala to Abernathy 345 kV Transmission Line Project

Docket No. 48625 Description of the Alternative Route Segments

Segment 75

Segment 75 begins at its intersection with Segment 68, located on the northwest corner of the intersection of CR 20 and CR M. The segment heads east, immediately crossing CR M and an existing pipeline, for approximately 1.01 miles, paralleling the north side of CR 20, until reaching its intersection with Segments 69 and 76, located on the northwest corner of the intersection of CR N and CR 20.

Segment 76

Segment 76 begins at its intersection with Segments 69 and 75, located on the northwest corner of the intersection of CR N and CR 20. The segment heads south, immediately crossing CR 20, for approximately 1.06 miles, paralleling the west side of CR N and crossing FM 788, until reaching its intersection with Segments 48 and 78, located on the southeast corner of the intersection of FM 788 and Nix Rd.

Segment 77

Segment 77 begins at its intersection with Segment 72 and 74, located on the west side of CR K approximately 0.11 mile south-southwest of the intersection of CR 20 and CR K. The segment heads south for approximately 1.37 miles, paralleling the west side of CR K. The segment then turns east, immediately crossing CR K and an existing pipeline, for approximately 1.02 miles, crossing an existing 69 kV transmission line and CR L. The segment then continues east for approximately 0.99 mile, paralleling the north side of CR 35. The segment then continues east, immediately crossing FM 1424 and an existing pipeline, for approximately 0.31 mile. The segment then turns southeast for approximately 0.19 mile. The segment then turns east for approximately 0.50 mile, until reaching its intersection with Segments 78 and 79, located on the southwest corner of the intersection of Nix Rd and SH 194.

Segment 78

Segment 78 begins at its intersection with Segments 48 and 76, located on the southeast corner of the intersection of FM 788 and Nix Rd. The segment heads south for approximately 0.35 mile, paralleling the east side of Nix Rd. The segment then turns southwest for approximately 0.15 mile, crossing an existing railroad and SH 194, until reaching its intersection with Segments 77 and 79, located on the southwest corner of the intersection of Nix Rd and SH 194.

Segment 79

Segment 79 begins at its intersection with Segments 77 and 78, located on the southwest corner of the intersection of Nix Rd and SH 194. The segment heads south for approximately 5.30 miles, paralleling the west side CR N, crossing CR 40, CR 50, CR 60, CR 80, and an existing 69 kV transmission line. The segment then turns southwest for approximately 0.19 mile, crossing an existing pipeline. The segment then turns southeast for approximately 0.16 mile, crossing United States Highway (US) 70. The segment then turns south for approximately 0.86 mile, paralleling the west side of FM 1424. The segment then turns west for approximately 1.05 miles, crossing an existing pipeline. The segment then turns south for approximately 1.97 miles, paralleling the east side of CR M, and crossing CR 105, and crossing two existing pipelines. The segment then turns southeast for approximately 0.18 mile. The segment then turns south for approximately 0.06 mile, until reaching its intersection with Segments 95 and 97, located on the east side of CR M approximately 0.20 miles east-southeast from the intersection of CR 120 and CR M.

Segment 80

Segment 80 begins at its intersection with Segments 63, 81, and 140, located on the southeast side of the intersection of FM 2284 and CR 40. The segment heads east for approximately 0.62 mile. The segment then continues east for approximately 0.32 mile, paralleling the north side of an existing pipeline and crossing an

Ogallala to Abernathy 345 kV Transmission Line Project

Docket No. 48625

Description of the Alternative Route Segments

existing pipeline. The segment then continues east for approximately 1.02 miles. The segment then continues east for approximately 1.01 miles, paralleling the south side of CR 40 and crossing CR G and CR H. The segment then continues east for approximately 1.05 miles, crossing FM 179, until reaching its intersection with Segments 73 and 82, located on the east side of FM 179 approximately 1.02 miles north of the intersection of CR 50 and FM 179.

Segment 81

Segment 81 begins at its intersection with Segments 63, 80 and 140, located on the southeast side of the intersection of FM 2284 and CR 40. The segment heads south, immediately crossing FM 2284, for approximately 0.50 mile, paralleling the west side of FM 2284. The segment then turns southeast for approximately 0.13 mile, crossing FM 2284. The segment then turns south for approximately 0.31 mile, paralleling the east side of FM 2284. The segment then turns southwest for approximately 0.13 mile, crossing FM 2284 and CR 50. The segment then turns south for approximately 0.96 mile, paralleling the west side of FM 2284, until reaching its intersection with Segments 83 and 84, located on the northwest corner of the intersection of CR 60 and FM 2284.

Segment 82

Segment 82 begins at its intersection with Segments 73 and 80, located on the east side of FM 179 approximately 1.02 miles north of the intersection of CR 50 and FM 179. The segment heads southeast for approximately 0.18 mile, paralleling the east side of FM 179. The segment then turns south for approximately 1.84 miles, paralleling FM 179 and crossing an existing 69 kV transmission line and CR 50, until reaching its intersection with Segments 85 and 86, located on the northeast corner of the intersection of CR 60 and FM 179.

Segment 83

Segment 83 begins at its intersection with Segments 53b and 88, located on the west side of CR C approximately 0.07 mile northwest of the intersection of CR C and CR 60. The segment heads southeast, immediately crossing CR C, for approximately 0.40 mile, crossing CR 60. The segment then turns east for approximately 0.29 mile, paralleling the south side of CR 60. The segment then turns northeast for approximately 0.24 mile, crossing CR 60. The segment then turns east for approximately 1.11 miles, paralleling the north side of CR 60 and crossing CR D, until reaching its intersection with Segments 81 and 84, located on the northwest corner of the intersection of CR 60 and FM 2284.

Segment 84

Segment 84 begins at its intersection with Segments 81 and 83, located on the northwest corner of the intersection of CR 60 and FM 2284. The segment heads east, immediately crossing FM 2284, for approximately 1.04 miles, paralleling the north side of CR 60 and crossing an existing pipeline, until reaching its intersection with Segments 85 and 89, located on the north side of CR 60 located approximately 1.00 mile west of the intersection of CR 60 and CR G.

Segment 85

Segment 85 begins at its intersection with Segments 84 and 89, located on the north side of CR 60 located approximately 1.00 mile west of the intersection of CR 60 and CR G. The segment heads east for approximately 3.02 miles, paralleling the north side of CR 60, and crossing CR G, CR H, an existing 69 kV transmission line, and FM 179, until reaching its intersection with Segments 82 and 86, located on the northeast corner of the intersection of CR 60 and FM 179.

Ogallala to Abernathy 345 kV Transmission Line Project

Docket No. 48625 Description of the Alternative Route Segments

Segment 86

Segment 86 begins at its intersection with Segments 82 and 85, located on the northeast corner of the intersection of CR 60 and FM 179. The segment heads east for approximately 0.97 mile, paralleling the north side of CR 60, until reaching its intersection with Segments 87 and 90, located on the northwest corner of the intersection of CR 60 and CR J.

Segment 87

Segment 87 begins at its intersection with Segments 86 and 90, located on the northwest corner of the intersection of CR 60 and CR J. The segment heads east, immediately crossing CR J, for approximately 1.06 miles, paralleling the north side of CR 60 and crossing CR K. The segment then turns south, immediately crossing CR 60, for approximately 1.85 miles, paralleling the east side of CR K and crossing CR 70. The segment then turns southwest for approximately 0.17 mile, crossing CR K. The segment then turns south, immediately crossing CR 80 and an existing 69 kV transmission line, for approximately 0.54 mile, paralleling the west side of CR K, until reaching its intersection with Segments 90 and 91, located on the west side of CR K approximately 0.52 mile south-southwest of the intersection of CR 80 and CR K.

Segment 88

Segment 88 begins at its intersection with Segments 53b and 83, located on the west side of CR C approximately 0.07 mile northwest of the intersection of CR C and CR 60. The segment heads south, immediately crossing CR 60, for approximately 0.42 mile, paralleling the west side of CR C. The segment then turns southeast for approximately 0.13 mile, crossing CR C. The segment then turns south for approximately 2.49 miles, paralleling the east side of CR C and crossing CR 70, CR 80, an existing 69 kV transmission line, and an existing pipeline. The segment then turns southwest for approximately 0.16 mile, crossing US 70 and CR C. The segment then turns south for approximately 1.86 miles, paralleling the west side of CR C, crossing CR 100 and three existing pipelines, until reaching its intersection with Segments 92 and 93, located on the northwest corner of the intersection of CR 110 and CR C.

Segment 89

Segment 89 begins at its intersection with Segments 84 and 85, located on the north side of CR 60 located approximately 1.00 mile west of the intersection of CR 60 and CR G. The segment heads south, immediately crossing CR 60, for approximately 0.15 mile. The segment then turns southwest for approximately 0.14 mile. The segment then turns south for approximately 0.75 mile, crossing CR 70. The segment then continues south for approximately 1.34 miles, paralleling the west side of CR F and crossing CR 80 and an existing 69 kV transmission line. The segment then turns southeast for approximately 0.19 mile, crossing CR F. The segment then turns south for approximately 2.45 miles, paralleling the east side of CR F and crossing two existing pipelines and US 70, until reaching its intersection with Segments 92 and 94, located on the northeast corner of the intersection of CR 110 and CR F.

Segment 90

Segment 90 begins at its intersection with Segments 86 and 87, located on the northwest corner of the intersection of CR 60 and CR J. The segment heads south, immediately crossing CR 60, for approximately 2.53 miles, paralleling the west side of CR J and crossing CR 70, CR 80, and an existing 69 kV transmission line. The segment then turns east, immediately crossing CR J for approximately 1.02 miles, until reaching its intersection with Segments 87 and 91, located on the west side of CR K approximately 0.52 mile south-southwest of the intersection of CR 80 and CR K.

Ogallala to Abernathy 345 kV Transmission Line Project

Docket No. 48625 Description of the Alternative Route Segments

Segment 91

Segment 91 begins at its intersection with Segments 87 and 90, located on the west side of CR K approximately 0.52 mile south-southwest of the intersection of CR 80 and CR K. The segment heads south for approximately 3.51 miles, paralleling the west side of CR K and crossing an existing pipeline, US 70, CR 100, an existing pipeline, CR 110, an existing 69 kV transmission line, and CR 120, until reaching its intersection with Segments 95 and 96, located on the southwest corner of the intersection of CR 120 and CR K.

Segment 92

Segment 92 begins at its intersection with Segments 88 and 93, located on the northwest corner of the intersection of CR 110 and CR C. The segment heads east, immediately crossing CR C, for approximately 3.08 miles, paralleling the north side of CR 110, and crossing CR D, CR E, and CR F, until reaching its intersection with Segments 89 and 94, located on the northeast corner of the intersection of CR 110 and CR F.

Segment 93

Segment 93 begins at its intersection with Segments 88 and 92, located on the northwest corner of the intersection of CR 110 and CR C. The segment heads south, immediately crossing CR 110, for approximately 2.18 miles, paralleling the west side of CR C and crossing CR 120 and an existing 115 kV transmission line. The segment then turns east for approximately 0.23 mile, paralleling CR 135 and crossing CR C. The segment then turns south for approximately 3.03 miles, paralleling the east side of CR C and crossing FM 1071, an existing pipeline, and CR 160. The segment then continues south for approximately 0.79 mile. The segment then turns east for approximately 0.94 mile, paralleling the north side of CR 170. The segment then turns southeast for approximately 0.18 mile, crossing CR 170. The segment then turns south for approximately 0.38 mile, paralleling the west side of CR D and crossing CR 175, until reaching its intersection with Segments 111 and 112, located on the southwest corner of the intersection of CR D and CR 175.

Segment 94

Segment 94 begins at its intersection with Segments 89 and 92, located on the northeast corner of the intersection of CR 110 and CR F. The segment heads south, immediately crossing CR 110, for approximately 1.55 miles, paralleling the east side of CR F and crossing CR 115 and an existing 115 kV transmission line, until reaching its intersection with Segments 98 and 100, located on the east side of CR F approximately 0.48 mile north-northeast of the intersection of CR 130 and CR F.

Segment 95

Segment 95 begins at its intersection with Segments 91 and 96, located on the southwest corner of the intersection of CR 120 and CR K. The segment heads east, immediately crossing CR K, for approximately 2.22 miles, paralleling the south side of CR 120 and crossing CR L, an existing 69 kV transmission line, and CR M, until reaching its intersection with Segments 79 and 97, located on the east side of CR M approximately 0.20 mile east-southeast from the intersection of CR 120 and CR M.

Segment 96

Segment 96 begins at its intersection with Segments 91 and 95, located on the southwest corner of the intersection of CR 120 and CR K. The segment heads south for approximately 0.50 mile, paralleling the west side of CR K and crossing an existing 115 kV transmission line, until reaching its intersection with Segments 98 and 101, located on the west side of CR K approximately 0.48 mile north-northwest of the intersection of FM 1071 and CR K.

Ogallala to Abernathy 345 kV Transmission Line Project

Docket No. 48625 Description of the Alternative Route Segments

Segment 97

Segment 97 begins at its intersection with Segments 79 and 95, located on the east side of CR M approximately 0.20 mile east-southeast from the intersection of CR 120 and CR M. The segment heads south for approximately 0.49 mile, paralleling the east side of CR M and an existing pipeline, and crossing an existing 69 kV transmission line and CR 125. The segment then turns east for approximately 2.51 miles, paralleling the south side of CR 125, crossing three pipelines, Nix Road, FM 1424, an existing 115 kV transmission line, an existing 69 kV transmission line, and CR P, until reaching its intersection with Segments 99 and 102, located on the southeast corner of the intersection of CR 125 and CR P.

Segment 98

Segment 98 begins at its intersection with Segments 94 and 100, located on the east side of CR F approximately 0.48 mile north-northeast of the intersection of CR 130 and CR F. The segment heads east for approximately 4.97 miles, paralleling the south side of an existing 115 kV transmission line, and crossing FM 179, CR H, CR I, and CR J, until reaching its intersection with Segments 96 and 101, located on the west side of CR K approximately 0.48 mile north-northwest of the intersection of FM 1071 and CR K.

Segment 99

Segment 99 begins at its intersection with Segments 97 and 102, located on the southeast corner of the intersection of CR 125 and CR P. The segment heads east for approximately 1.00 mile, crossing CR Q. The segment then turns south for approximately 1.46 miles, paralleling the east side of CR Q and crossing an existing 69 kV transmission line and CR 135, until reaching its intersection with Segments 105, 106, and 107, located on the east side of CR Q approximately 0.48 mile south-southeast of the intersection of CR 135 and CR Q.

Segment 100

Segment 100 begins at its intersection with Segments 94 and 98, located on the east side of CR F approximately 0.48 mile north-northeast of the intersection of CR 130 and CR F. The segment heads south for approximately 1.49 miles, paralleling the east side of CR F and crossing CR 130 and FM 1071. The segment then continues south for approximately 1.98 miles. The segment then turns east for approximately 0.64 mile, paralleling the north side of CR 160 and crossing an existing pipeline. The segment then turns south, immediately crossing CR 160, for approximately 0.35 mile, paralleling the west side of FM 179. The segment then turns southeast for approximately 0.19 mile, crossing FM 179 and CR 165, until reaching its intersection with Segments 108 and 109, located on the southeast corner of the intersection of FM 179 and CR 165.

Segment 101

Segment 101 begins at its intersection with Segments 96 and 98, located on the west side of CR K approximately 0.48 mile north-northwest of the intersection of FM 1071 and CR K. The segment heads south for approximately 1.22 miles, paralleling the west side of CR K and crossing FM 1071, until reaching its intersection with Segments 103 and 104, located on the west side of CR K approximately 0.74 mile south-southwest of the intersection of FM 1071 and CR K.

Segment 102

Segment 102 begins at its intersection with Segments 97 and 99, located on the southeast corner of the intersection of CR 125 and CR P. The segment heads south for approximately 1.46 miles, paralleling the east side of CR P and crossing an existing 69 kV transmission line, an existing pipeline, and CR 135, until reaching its intersection with Segments 103 and 105, located on the east side of CR P approximately 0.48 mile south-southeast of the intersection of CR 135 and CR P.

Ogallala to Abernathy 345 kV Transmission Line Project

Docket No. 48625 Description of the Alternative Route Segments

Segment 103

Segment 103 begins at its intersection with Segments 101 and 104, located on the west side of CR K approximately 0.74 mile south-southwest of the intersection of FM 1071 and CR K. The segment heads southeast for approximately 0.25 mile, crossing CR K. The segment then turns east for approximately 0.99 mile, crossing CR L. The segment then continues east for approximately 0.84 mile, paralleling the north side of CR 140. The segment then turns southeast for approximately 0.15 mile, crossing CR 140. The segment then turns east for approximately 0.73 mile, paralleling the south side of CR 140 and crossing two existing pipelines and Nix Rd. The segment then continues east for approximately 1.65 miles, crossing FM 1424 and an existing 115 kV transmission line. The segment then turns northeast for approximately 0.21 mile. The segment then turns east for approximately 0.15 mile, crossing CR P and an existing 69 kV transmission line, until reaching its intersection with Segments 102 and 105, located on the east side of CR P approximately 0.48 mile south-southeast of the intersection of CR 135 and CR P.

Segment 104

Segment 104 begins at its intersection with Segments 101 and 103, located on the west side of CR K approximately 0.74 mile south-southwest of the intersection of FM 1071 and CR K. The segment heads south for approximately 0.73 mile, paralleling the west side of CR K. The segment then turns southwest for approximately 0.33 mile, crossing CR 145. The segment then turns south for approximately 1.82 miles, paralleling the east side of CR K and crossing an existing pipeline and CR 155, until reaching its intersection with Segments 108 and 110, located on the northeast corner of the intersection of CR K and CR 165.

Segment 105

Segment 105 begins at its intersection with Segments 102 and 103, located on the east side of CR P approximately 0.48 mile south-southeast of the intersection of CR 135 and CR P. The segment heads east for approximately 1.00 mile, crossing CR Q, until reaching its intersection with Segments 99, 106 and 107, located on the east side of CR Q approximately 0.48 mile south-southeast of the intersection of CR 135 and CR Q.

Segment 106

Segment 106 begins at its intersection with Segments 99, 105, and 107, located on the east side of CR Q approximately 0.48 mile south-southeast of the intersection of CR 135 and CR Q. The segment heads south for approximately 0.63 mile, paralleling the east side of CR Q and crossing CR 145, and two existing pipelines. The segment continues south for approximately 2.83 miles, paralleling the east side of CR Q and running between two existing pipelines, and crossing CR 155, an existing pipeline, Interstate Highway (IH) 27, an existing pipeline, an existing railroad, and CR 165. The segment then turns east, immediately crossing an existing pipeline, for approximately 0.50 mile, paralleling the north side of FM 1914 and an existing 69 kV transmission line and crossing an existing 230 kV transmission line, until reaching its intersection with Segments 107 and 114, located on the north side of FM 1914 approximately 0.48 mile east-northeast of the intersection of FM 1914 and CR R.

Segment 107

Segment 107 begins at its intersection with Segments 99, 105, and 106, located on the east side of CR Q approximately 0.48 mile south-southeast of the intersection of CR 135 and CR Q. The segment heads east for approximately 0.49 mile, crossing two existing pipelines. The segment then turns south, immediately crossing an transmission line, for approximately 3.50 miles, paralleling the east side of an existing 230 kV transmission line and crossing CR 145, CR 155, IH 27, and CR 165, until reaching its intersection with Segments 106 and 114, located on the north side of FM 1914 approximately 0.48 mile east-northeast of the intersection of FM 1914 and CR R.

Ogallala to Abernathy 345 kV Transmission Line Project

Docket No. 48625 Description of the Alternative Route Segments

Segment 108

Segment 108 begins at its intersection with Segments 100 and 109, located on the southeast corner of the intersection of FM 179 and CR 165. The segment heads east for approximately 1.39 miles, paralleling the south side of CR 165 and crossing CR H. The segment then turns northeast for approximately 0.21 mile, crossing CR 165. The segment then turns east for approximately 2.40 miles, paralleling the north side of CR 165 and crossing CR I, CR J and CR K, until reaching its intersection with Segments 104 and 110, located on the northeast corner of the intersection of CR K and CR 165.

Segment 109

Segment 109 begins at its intersection with Segments 100 and 108, located on the southeast corner of the intersection of FM 179 and CR 165. The segment heads south for approximately 1.02 miles, paralleling the east side of FM 179 and crossing FM 1914, until reaching its intersection with Segments 111 and 113, located on the southeast corner of the intersection of FM 179 and FM 1914.

Segment 110

Segment 110 begins at its intersection with Segments 104 and 108, located on the northeast corner of the intersection of CR K and CR 165. The segment heads south, immediately crossing CR 165, for approximately 3.08 miles, paralleling the east side of CR K and crossing FM 1914, an existing 115 kV transmission line, CR 185, an existing pipeline, and CR 195, until reaching its intersection with Segments 116 and 118, located on the southeast corner of the intersection of CR 195 and CR K.

Segment 111

Segment 111 begins at its intersection with Segments 93 and 112, located on the southwest corner of the intersection of CR D and CR 175. The segment heads east, immediately crossing CR D, for approximately 2.55 miles, paralleling the south side of CR 175 and crossing CR E and FM 179, until reaching its intersection with Segments 109 and 113, located on the southeast corner of the intersection of FM 179 and FM 1914.

Segment 112

Segment 112 begins at its intersection with Segments 93 and 111, located on the southwest corner of the intersection of CR D and CR 175. The segment heads south for approximately 1.95 miles, paralleling the west side of CR D and crossing an existing 115 kV transmission line, until reaching its intersection with Segments 115 and 117, located on the northwest corner of the intersection of CR D and CR 195.

Segment 113

Segment 113 begins at its intersection with Segments 109 and 111, located on the southeast corner of the intersection of FM 179 and FM 1914. The segment heads south for approximately 1.36 miles, paralleling the east side of FM 179 and crossing CR 185 and an existing 115 kV transmission line. The segment then turns southwest for approximately 0.14 mile, crossing FM 179 and the segment then turns south for approximately 0.46 mile, paralleling the west side of FM 179, until reaching its intersection with Segments 115 and 116, located on the northwest corner of the intersection of CR 195 and FM 179.

Segment 114

Segment 114 begins at its intersection with Segments 106 and 107, located on the north side of FM 1914 approximately 0.48 mile west-northwest from the intersection of FM 1914 and CR R. The segment heads southeast for approximately 0.68 mile, crossing an existing 69 kV transmission line, FM 1914, and an existing pipeline. The segment then turns south for approximately 0.53 mile, paralleling the west side of CR R and crossing CR 185. The

Ogallala to Abernathy 345 kV Transmission Line Project

Docket No. 48625 Description of the Alternative Route Segments

segment then continues south for approximately 1.15 miles, crossing CR 195. The segment then turns southeast for approximately 0.19 mile. The segment then turns south for approximately 0.64 mile, until reaching its intersection with Segments 120 and 123, located approximately 1.43 miles northwest of the intersection of CR S and CR 215.

Segment 115

Segment 115 begins at its intersection with Segments 112 and 117, located on the northwest corner of the intersection of CR D and CR 195. The segment heads east, immediately crossing CR D, for approximately 2.51 miles, paralleling the north side of CR 195 and crossing CR E, until reaching its intersection with Segments 113 and 116, located on the northwest corner of the intersection of CR 195 and FM 179.

Segment 116

Segment 116 begins at its intersection with Segments 113 and 115, located on the northwest corner of the intersection of CR 195 and FM 179. The segment heads east, immediately crossing FM 179, for approximately 3.89 miles, paralleling the north side of CR 195 and crossing CR I and CR J. The segment then turns southeast for approximately 0.17 mile, crossing CR 195 and CR K and an existing pipeline, until reaching its intersection with Segments 110 and 118, located on the southeast corner of the intersection of CR 195 and CR K.

Segment 117

Segment 117 begins at its intersection with Segments 112 and 115, located on the northwest corner of the intersection of CR D and CR 195. The segment heads south, immediately crossing CR 195, for approximately 1.14 miles. The segment then turns west for approximately 0.52 mile, paralleling CR 205. The segment then turns south, immediately crossing CR 205, for approximately 0.67 mile. The segment then turns southeast for approximately 0.19 mile. The segment then turns south for approximately 0.87 mile, crossing FM 37. The segment then turns east for approximately 0.50 mile. The segment then turns south for approximately 1.37 miles, paralleling the west side of CR D and crossing an existing pipeline. The segment then turns southeast for approximately 0.19 mile, crossing CR D. The segment then turns south for approximately 0.93 mile, paralleling the east side of CR D. The segment then turns east for approximately 0.49 mile, paralleling the north side of CR 245, until reaching its intersection with Segments 124 and 128, located on the northwest side of the intersection of CR D and CR 245.

Segment 118

Segment 118 begins at its intersection with Segments 110 and 116, located on the southeast corner of the intersection of CR 195 and CR K. The segment heads south for approximately 0.95 mile, paralleling the east side of CR K, until reaching its intersection with Segments 119 and 121, located on the northeast corner of the intersection of CR K and Grande.

Segment 119

Segment 119 begins at its intersection with Segments 118 and 121, located on the northeast corner of the intersection of CR K and Grande. The segment heads east for approximately 3.01 miles, paralleling the north side of Grande and crossing CR L, CR M, CR N, an existing 115 kV transmission lines, and an existing pipeline. The segment then continues east for approximately 3.00 miles, crossing IH 27, crossing an existing railroad, an existing 69 kV transmission lines, an existing pipeline, and CR P and CR Q, until reaching its intersection with Segment 120 and 122, located on the east side of CR Q approximately 0.98 mile south-southeast of the intersection of CR 195 and CR Q.

Ogallala to Abernathy 345 kV Transmission Line Project

Docket No. 48625 Description of the Alternative Route Segments

Segment 120

Segment 120 begins at its intersection with Segments 119 and 122, located on the east side of CR Q approximately 0.98 mile south-southeast of the intersection of CR 195 and CR Q. The segment heads east for approximately 0.99 mile, until reaching its intersection with Segments 114 and 123, located approximately 1.43 miles northwest of the intersection of CR S and CR 215.

Segment 121

Segment 121 begins at its intersection with Segments 118 and 119, located on the northeast corner of the intersection of CR K and Grande. The segment heads south, immediately crossing Grande, for approximately 0.21 mile, paralleling the east side of CR K. The segment then turns southwest for approximately 0.19 mile, crossing CR K. The segment then turns south for approximately 0.52 mile, paralleling the west side of CR K and the east side of an existing pipeline, and crossing an existing pipeline. The segment then continues south for approximately 2.25 miles, paralleling the west side of CR K and crossing an existing pipeline, FM 37, and CR 235. The segment then turns southeast for approximately 0.21 mile, crossing CR K. The segment then turns south for approximately 0.66 mile, paralleling the east side of CR K and crossing CR 245, until reaching its intersection with Segments 124 and 125, located on the southeast corner of the intersection of CR K and CR 245.

Segment 122

Segment 122 begins at its intersection with Segments 119 and 120, located on the east side of CR Q approximately 0.98 mile south-southeast of the intersection of CR 195 and CR Q. The segment heads south for approximately 3.99 miles, paralleling the east side of CR Q and crossing CR 215, CR 225, and FM 37, until reaching its intersection with Segments 126, 127, and 130, located on the northeast corner of the intersection of CR Q and CR 245.

Segment 123

Segment 123 begins at its intersection with Segments 114 and 120, located approximately 1.43 miles northwest of the intersection of CR S and CR 215. The segment heads south for approximately 4.02 miles, crossing CR 215, CR 225, and FM 37, until reaching its intersection with Segments 127 and 131, located northeast of CR 245 approximately 1.02 miles east of the intersection of CR 245 and CR Q.

Segment 124

Segment 124 begins at its intersection with Segments 117 and 128, located on the northwest side of the intersection of CR D and CR 245. The segment heads east for approximately 1.66 miles, paralleling the north side of CR 245 and crossing an existing pipeline and CR E. The segment then turns northeast for approximately 0.30 mile. The segment then turns east, immediately crossing FM 179, for approximately 4.06 miles, paralleling the south side of CR 245 and crossing CR H, and existing pipeline, CR I, an existing 69 kV transmission line, CR J and CR K, until reaching its intersection with Segment 121 and 125, located on the southeast corner of the intersection of CR K and CR 245.

Segment 125

Segment 125 begins at its intersection with Segments 121 and 124, located on the southeast corner of the intersection of CR K and CR 245. The segment heads east for approximately 0.96 mile, paralleling the south side of CR 245, until reaching its intersection with Segments 126 and 129, located on the southwest corner of the intersection of CR 245 and CR L.

Ogallala to Abernathy 345 kV Transmission Line Project

Docket No. 48625

Description of the Alternative Route Segments

Segment 126

Segment 126 begins at its intersection with Segment 125 and 129, located on the southwest corner of the intersection of CR 245 and CR L. The segment heads east, immediately crossing CR L, for approximately 0.68 mile, paralleling the south side of CR 245. The segment then turns northeast for approximately 0.22 mile, crossing CR 245. The segment then turns east for approximately 1.50 miles, paralleling the north side of CR 245 and crossing CR N, an existing 115 kV transmission line, and an existing pipeline. The segment then turns northeast for approximately 0.11 mile. The segment then turns southeast for approximately 0.20 mile. The segment then turns east for approximately 2.38 miles, paralleling the north side of CR 245 and crossing IH 27, an existing railroad, an existing 69 kV transmission lines, two existing pipelines and CR P and CR Q, until reaching its intersection with Segments 122, 127, and 130, located on the northeast corner of the intersection of CR Q and CR 245.

Segment 127

Segment 127 begins at its intersection with Segments 122, 126, and 130, located on the northeast corner of the intersection of CR Q and CR 245. The segment heads east for approximately 1.02 miles, paralleling the north side of CR 245 until reaching its intersection with Segments 123 and 131, located northeast of CR 245 approximately, 1.02 miles east of the intersection of CR 245 and CR Q.

Segment 128

Segment 128 begins at its intersection with Segments 117 and 124, located on the northwest side of intersection of CR D and CR 245. The segment heads south, immediately crossing CR 245, for approximately 2.32 miles, paralleling the west side of CR D and crossing CR 270. The segment then continues south for approximately 0.88 mile, immediately crossing an existing pipeline and paralleling an existing pipeline, and crossing CR 280. The segment continues south for approximately 1.04 miles until reaching its intersection with Segments 134 and 135, located approximately 1.35 miles southwest of the intersection of CR E and CR 280.

Segment 129

Segment 129 begins at its intersection with Segments 125 and 126, located on the southwest corner of the intersection of CR 245 and CR L. The segment heads south for approximately 0.50 mile, paralleling the west side of CR L. The segment then turns southeast for approximately 0.12 mile, crossing CR L. The segment then turns south for approximately 3.39 miles, paralleling the east side of CR L and crossing CR 255, CR 275 and CR 285, until reaching its intersection with Segments 132 and 133, located on the southeast corner of the intersection of CR 285 and CR L.

Segment 130

Segment 130 begins at its intersection with Segments 122, 126, and 127, located on the northeast corner of the intersection of CR Q and CR 245. The segment heads south, immediately crossing CR 245 and an existing pipeline, for approximately 3.81 miles, paralleling the east side of CR Q and crossing CR 255, CR 265 and CR 275. The segment then turns southeast for approximately 0.19 mile. The segment then turns south, immediately crossing an existing 345 kV transmission line, for approximately 0.79 mile, paralleling the east side of an existing 345 kV and 230 kV transmission line, until reaching its intersection with Segments 138 and 139, located approximately 0.96 mile northwest of the intersection of CR R and CR 295.

Segment 131

Segment 131 begins at its intersection with Segments 123 and 127, located northeast of CR 245 approximately 1.02 miles east of the intersection of CR 245 and CR Q. The segment heads south, immediately crossing CR 245 and an existing pipeline, for approximately 4.55 miles, paralleling the east side of CR R and crossing CR 255, CR 265, CR

Ogallala to Abernathy 345 kV Transmission Line Project

Docket No. 48625 Description of the Alternative Route Segments

275, and an existing 345 kV transmission line. The segment then turns west for approximately 0.73 mile, crossing CR R. The segment then turns south for approximately 0.23 mile, until entering the northeast side of the Abernathy Substation, located approximately 0.76 mile northwest of the intersection of CR R and CR 295.

Segment 132

Segment 132 begins at its intersection with Segments 129 and 133, located on the southeast corner of the intersection of CR 285 and CR L. The segment heads east for approximately 4.03 miles, paralleling the south side of CR 285 and crossing an existing 115 kV transmission line, CR N, an existing pipeline, and IH 27, and an existing railroad. The segment then continues east for approximately 0.92 mile, crossing an existing 69 kV transmission line, CR P, and four existing pipelines. The segment then turns south for approximately 0.72 mile, paralleling the west side of an existing 230 kV and 345 kV transmission line, until reaching its intersection with Segments 137 and 138, located approximately 1.07 miles northwest of the intersection of CR R and CR 295.

Segment 133

Segment 133 begins at its intersection with Segments 134 and 136, located approximately 0.65 mile southwest of the intersection of CR 285 and CR L. The segment heads northeast for approximately 0.55 mile, crossing CR L. The segment then turns north for approximately 0.18 mile, paralleling the east side of CR L, until reaching its intersection with Segments 129 and 132, located on the southeast corner of the intersection of CR 285 and CR L.

Segment 134

Segment 134 begins at its intersection with Segments 128 and 135, located approximately 1.35 miles southwest of the intersection of CR E and CR 280. The segment heads east for approximately 1.79 miles, crossing an existing pipeline and FM 179. The segment then turns southeast for approximately 0.19 mile. The segment then turns east for approximately 0.36 mile. The segment then turns southeast for approximately 0.17 mile. The segment then turns east for approximately 3.89 miles, crossing CR H, CR I, an existing 69 kV transmission line, CR J, and CR K, until reaching its intersection with Segments 133 and 136, located approximately 0.65 mile southwest of the intersection of CR 285 and CR L.

Segment 135

Segment 135 begins at its intersection with Segments 128 and 134, located approximately 1.35 miles southwest of the intersection of CR E and CR 280. The segment heads south for approximately 0.44 mile. The segment then turns southeast for approximately 0.41 mile, paralleling the north side of an existing 230 kV transmission line. The segment then turns east for approximately 2.46 miles, crossing an existing pipeline and FM 179. The segment then continues east for approximately 3.36 miles, paralleling the south side of CR 295 and crossing an existing 69 kV transmission line, CR I, CR J and CR K. The segment then turns northeast for approximately 0.20 mile, crossing CR 295, until reaching its intersection with Segments 136 and 137, located on the north side of CR 295 approximately 0.45 mile west-northwest of the intersection of CR 295 and CR L.

Segment 136

Segment 136 begins at its intersection with Segments 133 and 134, located approximately 0.65 mile southwest of the intersection of CR 285 and CR L. The segment heads south for approximately 0.50 mile, until reaching its intersection with Segments 135 and 137, located on the north side of CR 295 approximately 0.45 mile west-northwest of the intersection of CR 295 and CR L.

Ogallala to Abernathy 345 kV Transmission Line Project

Docket No. 48625 Description of the Alternative Route Segments

Segment 137

Segment 137 begins at its intersection with Segments 135 and 136, located on the north side of CR 295 approximately 0.45 mile west-northwest of the intersection of CR 295 and CR L. The segment heads east for approximately 3.38 miles, paralleling the north side of CR 295 and crossing CR L, an existing 115 kV transmission line, CR N, and an existing pipeline. The segment then turns north for approximately 0.14 mile, paralleling the west side of IH 27. The segment then turns east for approximately 2.04 miles, crossing IH 27, an existing railroad, an existing 69 kV transmission line, CR P, and four existing pipelines. The segment then turns north for approximately 0.10 mile, paralleling the west side of an existing 230 kV transmission line, until reaching its intersection with Segments 132 and 138, located approximately 1.07 miles northwest of the intersection of CR R and CR 295.

Segment 138

Segment 138 begins at its intersection with Segments 132 and 137, located approximately 1.07 miles northwest of the intersection of CR R and CR 295. The segment heads east for approximately 0.11 mile, crossing an existing 230 kV transmission line and an existing 345 kV transmission line, until reaching its intersection with Segments 130 and 139, located approximately 0.96 mile northwest of the intersection of CR R and CR 295.

Segment 139

Segment 139 begins at its intersection with Segments 130 and 138, located approximately 0.96 mile northwest of the intersection of CR R and CR 295. The segment heads east for approximately 0.12 mile, until entering the northwest side of the Abernathy Substation, located approximately 0.84 mile northwest of the intersection of CR R and CR 295.

Segment 140

Segment 140 begins at its intersection with Segments 53a and 53b, located on the north side of the intersection of CR 40 and CR C. The segment heads east for approximately 0.40 mile, paralleling the north side of CR 40. The segment then continues east for approximately 0.49 mile crossing CR D. The segment then continues east for approximately 1.22 miles, paralleling the south side of CR 40, crossing FM 2284, until reaching its intersection with Segments 63, 80 and 81, located on the southeast side of the intersection of FM 2284 and CR 40.