

Estimated Cost Table  
TUCO to Yoakum CCN  
345-kV Transmission Line

	Alternative Route A			Alternative Route B			Alternative Route C			Alternative Route D			Alternative Route E		
	Links 1-2-6-7-14-15-19-30-52-54-56-65-77-105-126-146-159-160-161-162-163-164-165-172-180A-180B-186-190-191-192-193			Links 1-2-6-7-10-11-17-20-24-26-31-37-35-46-57-65-77-106-107-110-116-126-131-147-160-168-169-175A-175B-181-184-189-193			Links 1-3-5-7-10-16-19-30-42-53-54-56-65-78-79-88-91-108-109-110-116-126-131-147-160-168-176-195-180B-186-187-189-193			Links 1-3-5-7-10-16-19-28-29-31-37-35-46-58A-58B-66-67-70-79-90-93-112A-185-113B-113C-119-120-121-123-127-129-130B-133-149-153-155-162-170-178-180A-180B-186-187-189-193			Links 1-3-5-7-10-11-12-18-21-25-26-31-34-44-55-56-65-78-79-90-92-108-109-110-116-126-146-167-175A-174-184-189-193		
	Circuit Miles 110.4			Circuit Miles 108.8			Circuit Miles 110.7			Circuit Miles 103.4			Circuit Miles 108.4		
	Transmission Facilities	TUCO Substation	Yoakum Substation	Transmission Facilities	TUCO Substation	Yoakum Substation	Transmission Facilities	TUCO Substation	Yoakum Substation	Transmission Facilities	TUCO Substation	Yoakum Substation	Transmission Facilities	TUCO Substation	Yoakum Substation
Right-of-way (Easements and Fees)	\$13,556,084			\$13,359,619			\$13,592,921			\$12,696,550			\$13,310,503		
Material and Supplies	\$54,363,445	\$2,298,942	\$3,904,728	\$52,907,372	\$2,298,942	\$3,904,728	\$52,418,391	\$2,298,942	\$3,904,728	\$49,613,448	\$2,298,942	\$3,904,728	\$51,396,472	\$2,298,942	\$3,904,728
Labor and Transportation (Utility)	\$1,128,981	\$51,122	\$49,575	\$1,119,663	\$51,122	\$49,575	\$1,137,777	\$51,122	\$49,575	\$1,065,409	\$51,122	\$49,575	\$1,110,823	\$51,122	\$49,575
Labor and Transportation (Contract)	\$36,569,569	\$1,004,204	\$1,717,836	\$36,007,054	\$1,004,204	\$1,717,836	\$35,511,028	\$1,004,204	\$1,717,836	\$34,258,378	\$1,004,204	\$1,717,836	\$35,569,129	\$1,004,204	\$1,717,836
Stores	\$1,018,680	\$44,989	\$75,825	\$990,967	\$44,989	\$75,825	\$980,967	\$44,989	\$75,825	\$928,917	\$44,989	\$75,825	\$961,922	\$44,989	\$75,825
Engineering and Administration (Utility)	\$90,062	\$32,354	\$41,724	\$90,062	\$32,354	\$41,724	\$90,062	\$32,354	\$41,724	\$85,237	\$32,354	\$41,724	\$90,062	\$32,354	\$41,724
Engineering and Administration (Contract)	\$2,533,200	\$456,000	\$420,000	\$2,553,400	\$456,000	\$420,000	\$2,559,600	\$456,000	\$420,000	\$2,501,200	\$456,000	\$420,000	\$2,619,200	\$456,000	\$420,000
Other*	\$27,409,171	\$836,131	\$1,628,053	\$26,720,094	\$836,131	\$1,628,053	\$26,404,602	\$836,131	\$1,628,053	\$25,127,272	\$836,131	\$1,628,053	\$26,051,374	\$836,131	\$1,628,053
Water Well Mitigation Estimate	\$1,680,000			\$1,200,000			\$900,000			\$1,110,000			\$1,380,000		
LPC Mitigation Estimate	\$4,447,988			\$4,443,942			\$4,869,812			\$1,370,243			\$2,477,899		
Estimated Total Cost	\$142,797,179	\$4,723,742	\$7,837,741	\$139,392,173	\$4,723,742	\$7,837,741	\$138,465,161	\$4,723,742	\$7,837,741	\$128,756,653	\$4,723,742	\$7,837,741	\$134,967,384	\$4,723,742	\$7,837,741
TOTAL COST	\$155,358,662			\$151,953,656			\$151,026,644			\$141,318,136			\$147,528,867		

	Alternative Route F			Alternative Route G			Alternative Route H			Alternative Route I			Alternative Route J			Alternative Route K		
	Links 1-3-5-7-10-16-19-28-29-31-37-38-40-58B-66-67-70-79-90-93-112A-112B-194-113C-119-120-122-124-127-128-146-167-175A-174-184-189-193			Links 1-3-5-7-10-11-17-23-25-26-31-37-38-40-58B-66-68-69-70-79-90-93-112A-112B-194-113C-119-120-122-125-130A-130B-132-147-160-168-169-175A-174-184-189-193			Links 1-3-5-7-10-11-17-23-25-26-31-37-38-40-58B-66-67-70-79-90-93-112A-185-113B-113C-119-120-122-124-127-129-130B-134-136-143-156-164-171-177-179-181-184-189-193			Links 1-3-5-7-10-11-17-20-22-29-31-37-38-40-58B-66-68-71-81-83-93-112A-112B-112C-115-116-126-131-147-160-168-169-175A-174-184-189-193			Links 1-2-6-7-10-11-17-20-22-29-31-37-38-40-58B-66-68-71-81-83-93-112A-112B-194-113C-114-118-123-127-129-130B-134-135-150-151-157-172-180A-180B-186-187-189-193			Links 1-2-13-15-19-30-42-43-44-45-46-58A-58B-59-72-80-88-89-107-109-111-117-118-123-127-128-146-167-175A-174-184-189-193		
	Circuit Miles 106.3			Circuit Miles 106.4			Circuit Miles 106.3			Circuit Miles 107.8			Circuit Miles 110.7			Circuit Miles 110.3		
	Transmission Facilities	TUCO Substation	Yoakum Substation	Transmission Facilities	TUCO Substation	Yoakum Substation	Transmission Facilities	TUCO Substation	Yoakum Substation	Transmission Facilities	TUCO Substation	Yoakum Substation	Transmission Facilities	TUCO Substation	Yoakum Substation	Transmission Facilities	TUCO Substation	Yoakum Substation
Right-of-way (Easements and Fees)	\$13,052,643			\$13,064,922			\$13,052,643			\$13,236,870			\$13,592,964			\$13,543,805		
Material and Supplies	\$50,762,897	\$2,298,942	\$3,904,728	\$51,346,200	\$2,298,942	\$3,904,728	\$51,236,029	\$2,298,942	\$3,904,728	\$52,477,209	\$2,298,942	\$3,904,728	\$54,239,876	\$2,298,942	\$3,904,728	\$52,732,050	\$2,298,942	\$3,904,728
Labor and Transportation (Utility)	\$1,092,609	\$51,122	\$49,575	\$1,092,644	\$51,122	\$49,575	\$1,092,601	\$51,122	\$49,575	\$1,110,589	\$51,122	\$49,575	\$1,137,798	\$51,122	\$49,575	\$1,128,942	\$51,122	\$49,575
Labor and Transportation (Contract)	\$33,869,073	\$1,004,204	\$1,717,836	\$35,100,583	\$1,004,204	\$1,717,836	\$34,688,660	\$1,004,204	\$1,717,836	\$35,684,118	\$1,004,204	\$1,717,836	\$36,547,155	\$1,004,204	\$1,717,836	\$34,846,757	\$1,004,204	\$1,717,836
Stores	\$949,369	\$44,989	\$75,825	\$961,538	\$44,989	\$75,825	\$958,508	\$44,989	\$75,825	\$982,940	\$44,989	\$75,825	\$1,016,153	\$44,989	\$75,825	\$986,225	\$44,989	\$75,825
Engineering and Administration (Utility)	\$85,237	\$32,354	\$41,724	\$85,237	\$32,354	\$41,724	\$85,237	\$32,354	\$41,724	\$90,062	\$32,354	\$41,724	\$90,062	\$32,354	\$41,724	\$90,062	\$32,354	\$41,724
Engineering and Administration (Contract)	\$2,440,400	\$456,000	\$420,000	\$2,495,200	\$456,000	\$420,000	\$2,494,400	\$456,000	\$420,000	\$2,512,400	\$456,000	\$420,000	\$2,536,400	\$456,000	\$420,000	\$2,532,400	\$456,000	\$420,000
Other*	\$25,475,874	\$836,131	\$1,628,053	\$25,956,686	\$836,131	\$1,628,053	\$25,770,603	\$836,131	\$1,628,053	\$26,601,031	\$836,131	\$1,628,053	\$27,361,872	\$836,131	\$1,628,053	\$26,322,218	\$836,131	\$1,628,053
Water Well Mitigation Estimate	\$1,380,000			\$1,320,000			\$1,380,000			\$1,530,000			\$1,590,000			\$1,290,000		
LPC Mitigation Estimate	\$817,288			\$2,631,079			\$2,913,574			\$4,004,822			\$2,491,086			\$494,373		
Estimated Total Cost	\$129,925,390	\$4,723,742	\$7,837,741	\$134,054,089	\$4,723,742	\$7,837,741	\$133,672,255	\$4,723,742	\$7,837,741	\$138,230,040	\$4,723,742	\$7,837,741	\$140,603,366	\$4,723,742	\$7,837,741	\$133,966,832	\$4,723,742	\$7,837,741
TOTAL COST	\$142,486,873			\$146,615,572			\$146,233,738			\$150,791,523			\$153,164,849			\$146,528,315		

\* - Indicates Overheads, Contingency, and Escalation

Estimated Cost Table  
TUCO to Yoakum CCN  
345-kV Transmission Line

	Alternative Route L			Alternative Route M			Alternative Route N			Alternative Route O			Alternative Route P		
	Links1-3-5-7-10-16-19-28-29-31-34-44-45-46-58A-58B-59-60-73-75-84-97A-96-120-121-123-127-129-130B-133-149-153-155-162-170-177-179-181-184-189-193			Links 1-2-6-7-10-11-17-23-25-26-31-37-38-40-58B-59-60-73-75-84-97A-96-120-122-124-127-129-130B-134-136-143-156-164-171-177-179-181-184-189-193			Links 1-3-5-7-10-11-17-20-24-26-31-34-44-45-46-58A-58B-59-60-73-75-84-95-113A-113B-113C-119-120-122-125-130A-130B-132-147-160-168-169-175A-174-184-189-193			Links 1-3-5-7-10-11-12-18-21-25-26-31-37-38-40-58B-59-60-73-75-82-83-93-94-113A-113B-113C-119-120-122-125-130A-130B-134-135-153-154-168-169-175A-175B-182-186-187-189-193			Links 1-3-4-18-27-32-36-40-58B-59-60-73-75-84-97A-96-120-121-123-127-129-130B-133-149-153-155-162-170-178-180A-180B-186-187-189-193		
	Circuit Miles 99.2			Circuit Miles 104.8			Circuit Miles 107.1			Circuit Miles 108.8			Circuit Miles 101		
	Transmission Facilities	TUCO Substation	Yoakum Substation	Transmission Facilities	TUCO Substation	Yoakum Substation	Transmission Facilities	TUCO Substation	Yoakum Substation	Transmission Facilities	TUCO Substation	Yoakum Substation	Transmission Facilities	TUCO Substation	Yoakum Substation
Right-of-way (Easements and Fees)	\$12,180,829			\$12,868,457			\$13,150,875			\$13,359,661			\$12,401,852		
Material and Supplies	\$46,723,466	\$2,298,942	\$3,904,728	\$49,050,579	\$2,298,942	\$3,904,728	\$49,571,512	\$2,298,942	\$3,904,728	\$51,688,228	\$2,298,942	\$3,904,728	\$49,046,781	\$2,298,942	\$3,904,728
Labor and Transportation (Utility)	\$1,029,017	\$51,122	\$49,575	\$1,083,318	\$51,122	\$49,575	\$1,101,622	\$51,122	\$49,575	\$1,119,669	\$51,122	\$49,575	\$1,047,084	\$51,122	\$49,575
Labor and Transportation (Contract)	\$31,546,539	\$1,004,204	\$1,717,836	\$32,912,290	\$1,004,204	\$1,717,836	\$33,518,711	\$1,004,204	\$1,717,836	\$35,265,439	\$1,004,204	\$1,717,836	\$33,904,958	\$1,004,204	\$1,717,836
Stores	\$873,423	\$44,989	\$75,825	\$916,721	\$44,989	\$75,825	\$927,015	\$44,989	\$75,825	\$967,405	\$44,989	\$75,825	\$918,638	\$44,989	\$75,825
Engineering and Administration (Utility)	\$80,413	\$32,354	\$41,724	\$85,237	\$32,354	\$41,724	\$85,237	\$32,354	\$41,724	\$90,062	\$32,354	\$41,724	\$80,413	\$32,354	\$41,724
Engineering and Administration (Contract)	\$2,365,600	\$456,000	\$420,000	\$2,500,400	\$456,000	\$420,000	\$2,494,800	\$456,000	\$420,000	\$2,592,400	\$456,000	\$420,000	\$2,440,000	\$456,000	\$420,000
Other*	\$23,503,379	\$836,131	\$1,628,053	\$24,545,922	\$836,131	\$1,628,053	\$24,957,385	\$836,131	\$1,628,053	\$26,090,902	\$836,131	\$1,628,053	\$24,831,738	\$836,131	\$1,628,053
Water Well Mitigation Estimate	\$1,230,000			\$1,410,000			\$1,350,000			\$1,500,000			\$1,290,000		
LPC Mitigation Estimate	\$1,546,402			\$2,551,929			\$2,532,896			\$2,887,649			\$995,177		
Estimated Total Cost	\$121,079,068	\$4,723,742	\$7,837,741	\$127,924,853	\$4,723,742	\$7,837,741	\$129,690,054	\$4,723,742	\$7,837,741	\$135,561,415	\$4,723,742	\$7,837,741	\$126,956,641	\$4,723,742	\$7,837,741
TOTAL COST	\$133,640,551			\$140,486,336			\$142,251,537			\$148,122,898			\$139,518,124		

	Alternative Route Q			Alternative Route R			Alternative Route S			Alternative Route T			Alternative Route U			Alternative Route V		
	Links 1-3-5-7-10-11-12-18-27-32-39-41-47-49-50-62-76-86-99-102-104-130A-130B-132-147-160-168-169-175A-174-184-189-193			Links 1-3-4-18-27-33-41-47-49-50-61-73-75-84-97A-96-120-122-125-130A-130B-133-149-153-155-162-170-177-179-181-184-189-193			Links 1-3-5-7-10-11-12-18-27-32-39-41-47-49-50-62-74-75-84-97A-97B-98-104-130A-130B-132-147-160-161-162-163-164-165-172-180A-180B-186-187-189-193			Links 1-3-5-7-10-11-12-18-27-32-39-41-47-49-50-62-76-86-87-98-104-130A-130B-134-136-143-156-164-171-177-179-181-184-189-193			Links 1-3-4-18-27-32-39-41-47-49-50-62-76-86-99-103-142-143-156-164-171-177-179-182-186-187-189-193			Links 1-3-4-18-27-32-39-41-47-49-50-62-76-86-99-103-137-140-144-157-172-180A-180B-186-190-191-192-193		
	Circuit Miles 107.3			Circuit Miles 100.3			Circuit Miles 110.6			Circuit Miles 107			Circuit Miles 110.5			Circuit Miles 110.4		
	Transmission Facilities	TUCO Substation	Yoakum Substation	Transmission Facilities	TUCO Substation	Yoakum Substation	Transmission Facilities	TUCO Substation	Yoakum Substation	Transmission Facilities	TUCO Substation	Yoakum Substation	Transmission Facilities	TUCO Substation	Yoakum Substation	Transmission Facilities	TUCO Substation	Yoakum Substation
Right-of-way (Easements and Fees)	\$13,175,433			\$12,315,899			\$13,580,642			\$13,138,596			\$13,568,363			\$13,556,084		
Material and Supplies	\$50,195,705	\$2,298,942	\$3,904,728	\$50,140,867	\$2,298,942	\$3,904,728	\$53,002,965	\$2,298,942	\$3,904,728	\$50,859,070	\$2,298,942	\$3,904,728	\$52,498,697	\$2,298,942	\$3,904,728	\$51,860,247	\$2,298,942	\$3,904,728
Labor and Transportation (Utility)	\$1,101,693	\$51,122	\$49,575	\$1,038,141	\$51,122	\$49,575	\$1,137,733	\$51,122	\$49,575	\$1,101,572	\$51,122	\$49,575	\$1,128,996	\$51,122	\$49,575	\$1,128,973	\$51,122	\$49,575
Labor and Transportation (Contract)	\$33,978,348	\$1,004,204	\$1,717,836	\$34,752,165	\$1,004,204	\$1,717,836	\$35,940,112	\$1,004,204	\$1,717,836	\$34,239,892	\$1,004,204	\$1,717,836	\$35,472,242	\$1,004,204	\$1,717,836	\$35,002,058	\$1,004,204	\$1,717,836
Stores	\$939,036	\$44,989	\$75,825	\$939,990	\$44,989	\$75,825	\$992,289	\$44,989	\$75,825	\$951,005	\$44,989	\$75,825	\$981,689	\$44,989	\$75,825	\$969,376	\$44,989	\$75,825
Engineering and Administration (Utility)	\$85,237	\$32,354	\$41,724	\$80,413	\$32,354	\$41,724	\$90,062	\$32,354	\$41,724	\$85,237	\$32,354	\$41,724	\$90,062	\$32,354	\$41,724	\$90,062	\$32,354	\$41,724
Engineering and Administration (Contract)	\$2,490,400	\$456,000	\$420,000	\$2,419,400	\$456,000	\$420,000	\$2,576,000	\$456,000	\$420,000	\$2,488,000	\$456,000	\$420,000	\$2,576,000	\$456,000	\$420,000	\$2,575,200	\$456,000	\$420,000
Other*	\$25,263,089	\$836,131	\$1,628,053	\$25,404,431	\$836,131	\$1,628,053	\$26,687,269	\$836,131	\$1,628,053	\$25,513,709	\$836,131	\$1,628,053	\$26,388,115	\$836,131	\$1,628,053	\$26,040,183	\$836,131	\$1,628,053
Water Well Mitigation Estimate	\$1,080,000			\$930,000			\$1,110,000			\$1,140,000			\$1,230,000			\$1,050,000		
LPC Mitigation Estimate	\$2,226,907			\$1,747,531			\$2,815,580			\$2,695,107			\$2,192,908			\$2,421,805		
Estimated Total Cost	\$130,535,850	\$4,723,742	\$7,837,741	\$129,768,836	\$4,723,742	\$7,837,741	\$137,932,653	\$4,723,742	\$7,837,741	\$132,212,188	\$4,723,742	\$7,837,741	\$136,127,072	\$4,723,742	\$7,837,741	\$134,693,989	\$4,723,742	\$7,837,741
TOTAL COST	\$143,097,333			\$142,330,319			\$150,494,136			\$144,773,671			\$148,688,555			\$147,255,472		

\* - Indicates Overheads, Contingency, and Escalation