SCHEDULE RB-4

DATES OF BUILDING CONSTRUCTION
BASED ON
PHELPS COUNTY TAX RECORDS

SCHEDULE RB-4

DATES OF BUILDING CONSTRUCTION BASED ON PHELPS COUNTY TAX RECORDS

YEAR	# OF PROPERTIES CONSTRUCTED TO DATE	PERCENTAGE
1960	45	23%
1965	**86**	**44%**
1970	126	64%
1975	154	78%
1976	**157**	**80%**
1980	169	86%
1985	179	91%
1990	190	96%

TOTAL PROPERTIES REVIEWED 197

SCHEDULE RB-5

CALCULATED FAIR & REASONABLE COMPENSATION

SCHEDULE RB-5

Schedule RB-5
Case No. EA-2000-308

CALCULATED FAIR & REASONABLE COMPENSATION

1.	Intercounty facilities in annexed area (Mr. Bourne's surrebuttal testimony)		
	Facility cost (from RMU DR #3, Exhibit 3)	$547,131.01	
	Engineering, inc. staking & R/W acquisition (Exhibit JEL-2)	165,000.00	
	R/W clearing (Exhibit JEL-2)	30,000.00	
	Subtotal	$742,131.01	
	Depreciation		
	(70% fully depreciated)	($519,491.71)	
	(30% depreciated 25 years)	(155,847.51)	
	Depreciated Subtotal	($675,339.22)	
	Facility Cost		$ 66,791.79
2.	Cost to re-integrate Intercounty system (Schedule RB-6)		383,077.50
3.	4 times normalized revenue ($1,481,853.80 from Mr. Bourne's direct testimony)		1,166,814.04*
4.	Cost to re-integrate stranded customers (Mr. Bourne's surrebuttal testimony)		58,790.00
5.	Transfer of service (Mr. Strickland's rebuttal testimony)		24,000.00
6.	Lack of recorded easements (Mr. Bourne's direct testimony)		(400,000.00)
	TOTAL		$ 1,299,473.33

* *As revised from Mr. Bourne's direct testimony in Mr. Watkins' surrebuttal testimony.*

SCHEDULE RB-6

ESTIMATED REINTEGRATION COST
OF LINES TO
MAINTAIN EXISTING BACKFEED CAPACITY

SCHEDULE RB-6

ESTIMATED REINTEGRATION COST OF LINES TO MAINTAIN EXISTING BACKFEED CAPACITY

NEW LINE

QTY	CONSTRUCTION	COST/MILE	TOTAL
1.75 miles	Existing line to 3⌀ 1/0 ACSR D.C.	$61,220.00	$107,135.00
3.0 miles	Existing line to 3⌀ 1/0 ACSR	40,570.00	121,710.00
1.5 miles	New 3⌀ 1/0 ACSR line	48,510.00	72,765.00
1.0 miles	Existing line to 3⌀ 1/0 ACSR T.L.	31,830.00	31,830.00
0.75 miles	New 3⌀ 1/0 ACSR T.L.	39,710.00	29,782.50
0.5 miles	New 3⌀ 1/0 ACSR line	39,710.00	19,855.00

TOTAL ESTIMATED REINTEGRATION COST $383,077.50

Schedule RB-6A
Case No. EA-2000-308

ROLLA ANNEXATION
LINE COST D.C. 3 PHASE, 1/0, 6/1 ACSR 14.4/24.9 kV POST INSULATOR - TO BE CONSTRUCTED IN EXISTING RIGHT-OF-WAY

UNIT	QTY	LABOR & MATERIAL	EXTENDED COST
50-3	1	$548.00	$548.00
45-3	6	399.00	2,394.00
40-3	15	363.00	5,445.00
35-5	2	308.00	616.00
VDC-C1LP	17	426.00	7,242.00
VDC-C2-2PL	2	827.00	1,654.00
VDC-C4-1L	1	1,418.00	1,418.00
VDC-C8-2	1	1,622.00	1,622.00
E1-3	19	88.00	1,672.00
E2-2	4	90.00	360.00
F1-3	19	116.00	2,204.00
VM2-11	5	44.00	220.00
VM2-12	19	33.00	627.00
VM10-14	6	11.00	66.00
1/0 ACSR 6/1	36.960	452.00	16,705.92
Conductor Ties			1,923.00
	Subtotal		$44,716.92
Engineering			3,080.00
Administrative Overhead			13,421.00
	TOTAL		$61,217.92
	USE		$61,220.00

ROLLA ANNEXATION
LINE COST 3 PHASE, 1/0, 6/1 ACSR 14.4/24.9 kV POST INSULATOR - TO BE CONSTRUCTED IN EXISTING RIGHT-OF-WAY

UNIT	QTY	LABOR & MATERIAL	EXTENDED COST
45-3	2	399.00	798.00
40-3	1	363.00	363.00
40-4	4	383.00	1,532.00
35-3	1	325.00	325.00
35-4	12	332.00	3,984.00
30-5	1	208.00	208.00
VC1PL	15	232.00	3,480.00
VC2-2PL	3	450.00	1,350.00
VC3L	1	611.00	611.00
VC4-1L	1	836.00	836.00
VC8-2	1	924.00	924.00
E1-3	15	88.00	1,320.00
E2-2	4	90.00	360.00
F1-3	15	116.00	1,740.00
VM2-11	6	44.00	264.00
VM2-12	16	33.00	528.00
VM5-18	1	66.00	66.00
VM10-14	6	11.00	66.00
VM10-15	18	11.00	198.00
1/0 ACSR 6/1	21.120	452.00	9,546.24
Conductor Ties			627.00
	Subtotal		$29,126.24
Engineering			2,640.00
Administrative Overhead			8,800.00
	TOTAL		$40,566.24
	USE		$40,570.00

Schedule RB-6C
Case No. EA-2000-308

ROLLA ANNEXATION
LINE COST 3 PHASE, 1/0, 6/1 ACSR 14.4/24.9 kV POST INSULATOR - REQUIRES NEW RIGHT-OF-WAY

UNIT	QTY	LABOR & MATERIAL	EXTENDED COST
45-3	2	399.00	798.00
40-3	1	363.00	363.00
40-4	4	383.00	1,532.00
35-3	1	325.00	325.00
35-4	12	332.00	3,984.00
30-5	1	208.00	208.00
VC1PL	15	232.00	3,480.00
VC2-2PL	3	450.00	1,350.00
VC3L	1	611.00	611.00
VC4-1L	1	836.00	836.00
VC8-2	1	924.00	924.00
E1-3	15	88.00	1,320.00
E2-2	4	90.00	360.00
F1-3	15	116.00	1,740.00
VM2-11	6	44.00	264.00
VM2-12	16	33.00	528.00
VM5-18	1	66.00	66.00
VM10-14	6	11.00	66.00
VM10-15	18	11.00	198.00
1/0 ACSR 6/1	21.120	452.00	9,546.24
Conductor Ties			627.00
	Subtotal		$29,126.24
Right-of-Way Clearing	2.640	2,090.00	5,517.60
Engineering			2,640.00
Right-of-Way Acquisition, Permits & Environmental Survey			2,420.00
Administrative Overhead			8,800.00
	TOTAL		$48,503.84
	USE		$48,510.00

ROLLA ANNEXATION
LINE COST 3 PHASE, 1/0, 6/1 ACSR 14.4/24.9 kV POST INSULATOR - TO BE CONSTRUCTED IN EXISTING RIGHT-OF-WAY

UNIT	QTY	LABOR & MATERIAL	EXTENDED COST
45-4	2	437.00	874.00
40-5	4	347.00	1,388.00
35-4	2	332.00	664.00
35-5	11	308.00	3,388.00
30-6	1	215.00	215.00
VC1P	15	221.00	3,315.00
VC2-2P	1	424.00	424.00
VC3	1	343.00	343.00
VC4-1	1	578.00	578.00
VC8	1	743.00	743.00
E1-3	7	88.00	616.00
E2-2	2	90.00	180.00
F1-3	7	116.00	812.00
VM2-11	5	44.00	220.00
VM2-12	15	33.00	495.00
VM5-18	1	66.00	66.00
VM10-14	6	11.00	66.00
VM10-15	17	11.00	187.00
1/0 ACSR 6/1	21.120	452.00	9,546.24
Conductor Ties			325.00
	Subtotal		$24,445.24
Engineering			2,310.00
Administrative Overhead			5,074.00
	TOTAL		$31,829.24
	USE		$31,830.00

ROLLA ANNEXATION
NEW LINE COST 3 PHASE, 1/0, 6/1 ACSR 14.4/24.9 kV POST INSULATOR - REQUIRES NEW RIGHT-OF-WAY

UNIT	QTY	LABOR & MATERIAL	EXTENDED COST
45-4	2	437.00	874.00
40-5	4	347.00	1,388.00
35-4	2	332.00	664.00
35-5	11	308.00	3,388.00
30-6	1	215.00	215.00
VC1P	15	221.00	3,315.00
VC2P	1	424.00	424.00
VC3	1	343.00	343.00
VC4-1	1	578.00	578.00
VC8	1	743.00	743.00
E1-3	7	88.00	616.00
E2-2	2	90.00	180.00
F1-3	7	116.00	812.00
VM2-11	5	44.00	220.00
VM2-12	15	33.00	495.00
VM5-18	1	66.00	66.00
VM10-14	6	11.00	66.00
VM10-15	17	11.00	187.00
1/0 ACSR 6/1	21.120	452.00	9,546.24
Conductor Ties			325.00
	Subtotal		$24,445.24
Right-of-Way Clearing	2.640	2,090.00	5,517.60
Engineering			2,310.00
Right-of-Way Acquisition, Permits & Environmental Survey			2,420.00
Administrative Overhead			5,074.00
	TOTAL		$39,766.84
	USE		$39,710.00

ROLLA ANNEXATION
LINE COST SINGLE PHASE, 1/0, 6/1 ACSR 14.4/24.9 kV POST INSULATOR - TO BE CONSTRUCTED IN EXISTING RIGHT-OF-WAY THAT REQUIRES CLEARING

UNIT	QTY	LABOR & MATERIAL	EXTENDED COST
45-4	2	437.00	874.00
40-5	4	347.00	1,388.00
35-4	2	332.00	664.00
35-5	11	308.00	3,388.00
30-6	1	215.00	215.00
VC1P	15	221.00	3,315.00
VC2-2P	1	424.00	424.00
VC3	1	343.00	343.00
VC4-1	1	578.00	578.00
VC8	1	743.00	743.00
E1-3	7	88.00	616.00
E2-2	2	90.00	180.00
F1-3	7	116.00	812.00
VM2-11	5	44.00	220.00
VM2-12	15	33.00	495.00
VM5-18	1	66.00	66.00
VM10-14	6	11.00	66.00
VM10-15	17	11.00	187.00
1/0 ACSR 6/1	10.560	452.00	4,773.12
Conductor Ties			325.00
	Subtotal		$19,672.12
Right-of-way clearing	2.640	2,090.00	5,517.60
Engineering			2,310.00
Administrative Overhead			5,074.00
	TOTAL		$32,573.72
	USE		$32,575.00