

City of Mitchell, NE 1280 Center Avenue

1280 Center Avenue Mitchell, NE 69357 (308) 623-1523

Location:	Irrigation Pump Station

Description: Line Extension
Customer: City of Mitchell

W.O. Number:

 Staked by:
 EEC

 Date:
 10/2/2018

Substation:
Feeder:

Exponential Engineering Company

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of

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Sheet:

	Mit	chell		(000) 020 1020									Feeder:					L		pany	
N	Pole	Pole	Line	Primar	У	Primar	y Units	Tr	ansformer		Sub As	semblies		Guy	/S		Sec	ondary / Serv	ice	Mete	ring
E R	or Sta.	H-C	Angle	Wire	Back Span	ОН	URD	Unit	Size [kVA]	РН	ОН	URD	Ground	Guy	Guy Lead	Anchor	Units	Wire Size	Span	Loop or Ped	Meter
Е				1/0 ACSR	104																
R		40-4				(2) C5.21								E1.1	30	F2.12					<u> </u>
Н	4	40.0				05.04					04.0		114.4	E1.1	20	F2.12					<u> </u>
	1	40-3				C5.21 C6.21					S1.3		H1.1	E1.1B E1.1B	35	F2.12 F2.12					
N						C0.21								E1.1B	18 15	F2.12 F2.12					
										1				E1.1A	25	F2.12					
EXIS	TING 1/0	ACSR NO	RTH AN	D EAST; NEW #2	ACSR WES	ST			<u>.</u>	1 1		<u> </u>	<u> </u>	211111			<u> </u>]		
N	2	40-4		#2 ACSR	264	C1.11					P1.3		H1.1								
OFF	SETS ST	AKED AT	10-FEET	AND 20-FEET NO	ORTH																
N	3	40-4		#2 ACSR	263	C1.11							H1.1								
OFF	SETS ST	AKED AT	20-FEET	AND 30-FEET NO	ORTH			•							•						
N	4	40-4		#2 ACSR	263	C1.11							H1.1								
OFF:	SETS ST	AKED AT	20-FEET	AND 30-FEET NO	ORTH																
N	5	40-4		#2 ACSR	263	C1.11							H1.1								
OFF:	SETS ST.	AKED AT :	20-FEET	AND 35-FEET NO	ORTH																
N	6	40-4		#2 ACSR	263	C1.11							H1.1								
OFF:	SETS ST.	AKED AT :	20-FEET	AND 35-FEET NO	ORTH																
N	7	40-4		#2 ACSR	263	C1.11					P1.3		H1.1								
OFF:	SETS ST.	AKED AT :	20-FEET	AND 35-FEET NO	ORTH																
N	8	40-4		#2 ACSR	263	C1.11							H1.1								
OFF:	SETS ST.	AKED AT	35-FEET	AND 50-FEET NO	ORTH																
Cor	nductor	Wire Feet	No of Wires	Pole Line Feet	Project No	otes:															
#2	ACSR	14772	4	3693																	
																					\vdash
					ł												BI VCK T	EXT INDICATES	EVICTIN	IC	<u> </u>
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	Pole	Pole	Line	Prima	Primary		Primary Units		Transformer			Sub Assemblies		Guys			Sec	Secondary / Service		Meter	ing
2	or Sta.	H-C	Line Angle	Wire	Back Span	ОН	URD	Unit	Size [kVA]	РН	ОН	URD	Ground	Guy	Guy Lead	Anchor	Units	Wire Size	Span	Loop or Ped	Met
I	9	40-4		#2 ACSR	263	C1.11							H1.1								
FFS	ETS ST	AKED AT	35-FEET	AND 50-FEET N	ORTH																
	10	40-3	93°	#2 ACSR	263	(2) C5.21							H1.1	E1.1B	25	F2.12					
		ALCED AT	05 555	NODTH AND OF	FEET WEST									E1.1B	25	F2.12					
FFS	EISSI.	AKED AT	35-FEET	NORTH AND 35-	-FEET WEST																
	11	40-4		#2 ACSR	272	C1.11							H1.1								
FS	ETS ST	AKED AT	20-FEET	AND 35-FEET W	EST																1
	- 10	40.4		#0.4.00D	070								114.4								
[[12 ETS ST	40-4	20 EEET	#2 ACSR AND 35-FEET W	272	C1.11					P1.3		H1.1								<u> </u>
	E1331	ANED AT	20-ГЕЕТ	AND 35-FEET W	EST																
I	13	40-4		#2 ACSR	272	C1.11							H1.1								
FFS	ETS ST.	AKED AT	20-FEET	AND 35-FEET W	'EST																
1	14	40-4	Ι	#2 ACSR	272	C1.11						T	114.4		1	I			T 1		
													H H I . I								
	ETS ST	AKED AT	20-FEET	AND 35-FEET W		01.11	l	1					H1.1								
	ETS ST	AKED AT	20-FEET			01.11	<u>l</u>						піл								
)FFS	15	40-3		AND 35-FEET W #2 ACSR	ZEST 237	C5.21	NE POLITE	G3.3	(3) 37.5	ABC			H1.1	E1.1B	25	F2.12	Q3.3	1/0 QPLX			
FFS	15	40-3		AND 35-FEET W	ZEST 237	C5.21	NE ROUTE	G3.3	(3) 37.5	ABC				E1.1B	25	F2.12	Q3.3	1/0 QPLX			
FS	15	40-3		AND 35-FEET W #2 ACSR	ZEST 237	C5.21	NE ROUTE	G3.3	(3) 37.5	ABC				E1.1B	25	F2.12	Q3.3	1/0 QPLX			
FS	15	40-3		AND 35-FEET W #2 ACSR	ZEST 237	C5.21	NE ROUTE	G3.3	(3) 37.5	ABC				E1.1B	25	F2.12	Q3.3	1/0 QPLX			
FS	15	40-3		AND 35-FEET W #2 ACSR	ZEST 237	C5.21	NE ROUTE	G3.3	(3) 37.5	ABC				E1.1B	25	F2.12	Q3.3	1/0 QPLX			
FFS	15	40-3		AND 35-FEET W #2 ACSR	ZEST 237	C5.21	NE ROUTE	G3.3	(3) 37.5	ABC				E1.1B	25	F2.12	Q3.3	1/0 QPLX			
FFS	15	40-3		AND 35-FEET W #2 ACSR	ZEST 237	C5.21	NE ROUTE	G3.3	(3) 37.5	ABC				E1.1B	25	F2.12	Q3.3	1/0 QPLX			
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FFS 1	15	40-3		AND 35-FEET W #2 ACSR	ZEST 237	C5.21	NE ROUTE	G3.3	(3) 37.5	ABC				E1.1B	25	F2.12	Q3.3	1/0 QPLX			
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