DISTRIBUTION WORK

ASSEMBLY UNIT	TASK	QTY.	UNIT	UNIT DESCRIPTION	UNIT MATERIAL COST	UNIT LABOR COST	EXTENDED MATERIAL COST	EXTENDED LABOR COST	EXTENDED COST
SURL	Install	1	LOT	SURL (LANDSCAPING)					
TRAFFIC CTRL	Install	1	LOT	TRAFFIC CTRL (TRAFFIC CONTROL)					
SWPPP-BP	Install	1	LOT	SWPPP-BP (STORM WATER POLLUTION PREVENTION PLAN - BEST PRACTICES)					
SURVEY	Install	1	LOT	SURVEY					
WINTER	Install	1	LOT	WINTER CONSTRUCTION ADDER					
1/0 ACSR	Install	2,634	FOOT	1/0 ACSR, PRIMARY					
#2 ACSR	Install	1,014	FOOT	#2 ACSR, PRIMARY					
#2 ACSR NEUTRAL	Install	1,892	FOOT	#2 ACSR NEUTRAL					
#2 TPX	Install	651	FOOT	#2 TPX TRIPLEX CABLE					
4/0 RIBB	Install	65	FOOT	4/0 TRIPLEXED UG CABLE					
35/5	Install	1	EACH	35/5 POLE					
40/2	Install	1	EACH	40/2 POLE					
45/3	Install	8	EACH	45/3 POLE					
50/2	Install	4	EACH	50/2 POLE					
55/2	Install	1	EACH	55/2 POLE					
60/2	Install	1	EACH	60/2 POLE					
VA2	Install	2	EACH	SINGLE-PHASE SMALL ANGLE					
VA5	Install	2	EACH	SINGLE-PHASE DEADEND					
VA5-2	Install	3	EACH	SINGLE-PHASE DEADEND TAP					
VA6	Install	1	EACH	SINGLE-PHASE DOUBLE DEADEND					
VA7F	Install	3	EACH	SINGLE-PHASE DEADEND, FG XARM					
VC1	Install	1	EACH	THREE-PHASE TANGENT					
VC1A	Install	1	EACH	THREE-PHASE TANGENT					
VC1AR	Install	3	EACH	THREE-PHASE TANGENT, 10' XARM					
VC1-1	Install	1	EACH	THREE-PHASE TANGENT, DBL XARMS					
VC1-1R	Install	1	EACH	THREE-PHASE TANGENT, DBL 10' XARMS					
VC2R	Install	2	EACH	THREE-PHASE ANGLE, 10' XARMS					
VC8F	Install	4	EACH	THREE-PHASE DBL DEADEND, 10' FG XARM					
VM5-5	Install	3	EACH	XARM PIN					
SM45A	Install	4	EACH	SPLICE, PRIMARY, #2 ACSR					
SVM5-9B	Install	5	EACH	FUSED LOAD BREAK CUT-OUT					
SE1-3	Install	12	EACH	DOWN GUY, 10M					
E1-5	Install	3	EACH	DOWN GUY, 16M					
E1-5C	Install	5	EACH	DOWN GUY, 16M, W/ CLEVIS					
SE2-3	Install	1	EACH	SPAN GUY, 10M					
SEM-I42	Install	1	EACH	SEM-I42 (GUY STRAIN INSLTR, 21K, 54")					
SF-4P	Install	13	EACH	PLATE ANCHOR, TWIN-EYE, 3/4" ROD					
SF4C	Install	1	EACH	4' CONCRETE, ANCHOR, TWIN-EYE, 1" ROD					
F1-4P-TRPL	Install	15	EACH	PLATE ANCHOR, TRIPLE-EYE, 1" ROD, 10'LONG -CONTRACTOR PROVIDED-					
SVG9-25	Install	1	EACH	SINGLE-PHASE XFMR, ON SINGLE-PHASE TAN					
SVG10-25	Install	1	EACH	SINGLE-PHASE XFMR, ON SINGLE-PHASE DE					

SVG39-25	Install	3	EACH	SINGLE-PHASE XFMR, ON THREE-PHASE LINE					
K10	Install	1	EACH	SERVICE RIGID CLEVIS					
J10	Install	4	EACH	SECONDARY/SERVICE RIGID CLEVIS					
SK16	Install	9	EACH	SECONDARY/SERVICE WEDGE ATTACHMENT					
BELL-END/PLUG	Install	1	LOT	RE-WORK SECONDARY RISERS INTO PEDESTAL					
SM2-11	Install	13	EACH	POLE GROUND					
SM52-3	Install	19	EACH	POLE NUMBER					
SM31A	Install	5	EACH	FILL, NSF, 2.5 YARDS					
SR1-10	Install	115	FOOT	CLEARING, AERIAL, 10' WIDE					
SR1-20	Install	85	FOOT	CLEARING, AERIAL, 20' WIDE					
SR1-30	Install	628	FOOT	CLEARING, AERIAL, 30' WIDE					
SUK5	Install	3	EACH	SECONDARY PEDESTAL					
SUM1-SM	Install	5	EACH	SNOW MARKER					
SUM5012H	Install	65	FOOT	2" HDPE CONDUIT					
SUM5	Install	3	EACH	2" SECONDARY RISER					
SUME290S3	Install	3	EACH	2" STEEL CONDUIT ELBOW, 36" RADIUS					
SHUR2-3	Install	20	FOOT	SECONDARY TRENCH, HAND DUG					
SUR2-3	Install	45	FOOT	SECONDARY TRENCH					
1/0 ACSR	Remove	2,637	FOOT	1/0 ACSR, PRIMARY					
#2 ACSR	Remove	975	FOOT	#2 ACSR, PRIMARY					
#2 ACSR NEUTRAL	Remove	1,854	FOOT	#2 ACSR NEUTRAL					
#2 TPX	Remove	415	FOOT	#2 TPX TRIPLEX CABLE					
40/3, 40/4, 40/5	Remove	8	EACH	40' POLE					
VA1X	Remove	1	EACH	SINGLE-PHASE SMALL ANGLE					
VA2	Remove	1	EACH	SINGLE-PHASE SMALL ANGLE					
VA5	Remove	1	EACH	SINGLE-PHASE DEADEND					
VA5-2	Remove	5	EACH	SINGLE-PHASE DEADEND TAP					
VA6	Remove	1	EACH	SINGLE-PHASE DOUBLE DEADEND					
VC1, VC1P	Remove	9	EACH	THREE-PHASE TANGENT					
SE1-3, SE1-4	Remove	8	EACH	DOWN GUY					
SF-4P	Remove	5	EACH	ANCHOR					
SVM5-9B	Remove	5	EACH	FUSED LOAD BREAK CUT-OUT					
SVG9-10	Remove	1	EACH	SINGLE-PHASE XFMR, ON SINGLE-PHASE TAN					
SVG10-15	Remove	1	EACH	SINGLE-PHASE XFMR, ON SINGLE-PHASE DE					
SVG39-5	Remove	1	EACH	SINGLE-PHASE XFMR, ON THREE-PHASE LINE					
SVG39-15	Remove	2	EACH	SINGLE-PHASE XFMR, ON THREE-PHASE LINE					
SVG39-25	Remove	1	EACH	SINGLE-PHASE XFMR, ON THREE-PHASE LINE					
EYE-BOLT	Remove	2	EACH	SECONDARY/SERVICE EYE-BOLT					
J6	Remove	1	EACH	SECONDARY/SERVICE SWINGING CLEVIS					
SK16	Remove	6	EACH	SECONDARY/SERVICE WEDGE ATTACHMENT					
SM2-11	Remove	6	EACH	POLE GROUND					
SM52-3	Remove	9	EACH	POLE NUMBER					
SUM52, SUM5A	Remove	4	EACH	SECONDARY RISER					
SUM52.5	Remove	1	EACH	SECONDARY U-GUARD RISER					
								TOTAL COST	

Structure: **00. GENERAL**

Remarks:

THE DIRECTION NORTH ON THE DRAWINGS IS TO THE UPPER LEFT SIDE OF THE PLAN SHEETS. REFERENCES ON THE DRAWINGS AND THESE STAKING SHEETS TO N, S, E, AND W ARE "PAGE" REFERENCES FOR THE DRAWINGS: NORTH (PAGE UP), SOUTH (PAGE DOWN), EAST (PAGE RIGHT), AND WEST (PAGE LEFT).

IN THESE STAKING SHEETS AND ON THE DRAWINGS, CHUGACH STANDARD ASSEMBLY UNITS AND PROJECT SPECIFIC ASSEMBLIES UNITS ARE CALLED OUT. MOST CHUGACH STANDARD ASSEMBLIES HAVE AN "S" AS THE FIRST LETTER OF THEIR NAME. REFERENCE DETAILS SHOWN ON THE DRAWINGS FOR PROJECT SPECIFIC ASSEMBLIES.

THE DISTRIBUTION CONTRACTOR SHALL INSTALL ALL POLES AND ANCHORS; INCLUDING ALL POLES AND ANCHORS FOR THE EXCLUSIVE UTILIZATION BY TELECOMMUNICATIONS.

ALL THE REQUIRED POLES FOR THE PROJECT WILL BE ISSUED BY CHUGACH'S DISTRIBUTION WAREHOUSE.

TELECOMMUNICATIONS ANCHORS WILL BE ISSUED TO THE CONTRACTOR BY CHUGACH. COORDINATE WITH CHUGACH'S FIBER OPTIC PROJECT MANAGER FOR PICK-UP OF THE REQUIRED ANCHORS AND RODS. THEY ARE 1" TRIPLE-EYE RODS X 10' LONG WITH 400 SQ. IN. PLATE ANCHORS. REFERENCE DETAIL F1-4P-TRPL.

REMOVE ARMOR ROD FROM CONDUCTOR WHEN RETIRING A FRAMING ASSEMBLY.
WHERE A POLE IS CHANGED OUT IN THE SAME LOCATION, THE EXISTING ARMOR ROD MAY BE REUSED IF IN GOOD CONDITION.

SET ALL POLES AT 10% OF THEIR LENGTH PLUS 3', UNLESS NOTED OTHERWISE.

SAG CONDUCTORS PER SAG CHARTS PROVIDED.

INSTALL OR MAINTAIN DRIP LOOPS TO WITHIN 8" OF CLEVIS BOLT OR TOP OF RISER; OR HIGHER AS SPECIFIED.

UN-UNITIZED WORK: MOST WORK EFFORTS INCLUDED IN THESE STAKING IS UNITIZED (PROVIDED WITH AN ASSOCIATED ASSEMBLY UNIT).
HOWEVER, SOME WORK EFFORTS REQUIRED AND IDENTIFIED IN THE REMARKS COLUMN OR ON THE DRAWINGS DO NOT HAVE AN ASSOCIATED ASSEMBLY UNIT.
REVIEW THE STAKING SHEETS FOR THESE EFFORTS AND ANY MATERIALS THESE EFFORTS MAY REQUIRE.
INCLUDE THE COST OF THESE WORK EFFORTS AND MATERIAL COSTS IN OTHER ASSEMBLY UNITS LISTED ON THE BID UNIT TAB.
NO ADDITIONAL PAYMENT WILL BE PROVIDED FOR THESE WORK EFFORTS AND MATERIALS.

THE SPAN LENGTHS SHOWN ON THE DRAWINGS ARE HORIZONTAL DISTANCES.
THE QUANTITIES SHOWN ON THE BID TAB FOR ASSEMBLY UNITS THAT ARE MEASURED ON A PER FOOT BASIS ARE THE SUMMATION OF THESE HORIZONTAL LENGTHS, AND DO NOT INCLUDE ADDITONAL REQUIRED MATERIALS FOR: SAGS, RISERS, ELEVATION CHANGES, CONDUIT TAILS, COILS, RISERS, ETC.
INCLUDE THE COST OF THESE ADDITIONAL REQUIRED MATERIALS AND ASSOCIATED WORK EFFORTS IN THE PER FOOT PRICING OF THESE ASSEMBLY UNITS.
EXAMPLES OF ASSEMBLY UNITS WHERE THIS APPLIES ARE: 1/0 ACSR, #2 ACSR, #2 TPX, 4/0 RIBB, SUM5012H, ETC.
ADDITIONAL PAYMENT FOR THESE GREATER QUANTITIES OF MATERIALS AND ASSOCIATED LABOR WILL NOT BE PROVIDED.

CLEARING: CLEARING IS REQUIRED FOR AERIAL CIRCUIT RE-ALIGNMENTS AND FOR ANCHOR INSTALLATIONS. THE QUANTITES REQUIRED ARE SHOWN ON THESE STAKING SHEETS AND ARE SUMMED IN THE BID UNIT TAB.

CLEARING IS NOT REQUIRED FOR EXISTING CIRCUITS; HOWEVER, CLEARING MAY BE REQUIRED TO FACILITATE THE CONTRACTOR'S EFFORTS TO COMPLETE THE REQUIRED WORK. ANY CLEARING PERFORMED ALONG EXISTING ALIGNMENTS SHALL BE INCIDENTAL TO THE PROJECT AND NO ADDITIONAL PAYMENT FOR THIS CLEARING EFFORT WILL BE PROVIDED.

ALL CLEARING SHALL BE PERFORMED BY A CLEARING CONTRACTOR ON CHUGACH'S APPROVED CLEARING CONTRACTOR LIST.

SURL: LANDSCAPING: THE CONTRACTOR SHALL ENDEAVOR TO PROTECT THE EXISTING CONDITIONS WITHIN THE PROJECT SITE. THE SURL UNIT IS FOR RETURNING THE DISTURBED AREAS OF CONSTRUCTION TO NOMINALLY SAME CONDITIONS AS FOUND. FENCING EXISTED AT ONE LOCATION AND WILL NEED TO BE TEMPORARILY REMOVED AND THEN RE-INSTALLED.

TRAFFIC CONTROL: PROVIDE, GET APPROVAL FOR, AND IMPLEMENT A TRAFFIC CONTROL PLAN.

STORM WATER POLLUTION PREVENTION PLAN - BEST PRACTICES (SWPPP-BP): PROVIDE AND IMPLEMENT A STORM WATER POLLUTION PREVENTION PLAN, UTILIZING BEST PRACTICES. GET APPROVAL FOR PLAN, FROM AUTHORITY HAVING JURISDICTION, IF REQUIRED.

SURVEY: AFTER AWARD, THE CONTRACTOR WILL BE PROVIDED WITH A BASE DRAWING IN AUTOCAD, VERSION 18, FOR THEIR USE. CONTRACTOR SHALL HIRE A PROFESSIONAL SURVEYOR REGISTERED IN THE STATE OF ALASKA TO PROVIDE ALL REQUIRED SURVEY EFFORTS FOR THE PROJECT. THE CONTRACTOR'S SURVEYOR SHALL PROVIDE STAKING FOR: WORK BOUNDARIES, CLEARING, POLES, ANCHORS, EQUIPMENT, CENTERLINE OF TRENCH, ETC. FOR THE CONSTRUCTION OF THE PROJECT. THE CONTRACTOR'S SURVEYOR SHALL PROVIDE STAMPED ASBUILT DRAWINGS FOR THE PROJECT AFTER CONSTRUCTION AND AN AUTOCAD DRAWING IN VERSION 18 OF THE SAME.

Structure: **01. GENERAL**

Assembly Unit	Activity	#Cond	Qty	Unit Description	Complete	Qty
SURL	**Install**		1	LANDSCAPING (LOT)		
TRAFFIC CONTROL	**Install**		1	TRAFFIC CONTROL (LOT)		
SWPPP-BP	**Install**		1	STORM WATER POLLUTION PREVENTION PLAN- BEST PRACTICES		
SURVEY	**Install**		1	SURVEY		

Remarks: SEE ABOVE.

Structure: **03. POLE 2332 (173L2 IN FIELD)**

Assembly Unit	Activity	#Cond	Qty	Unit Description	Complete	Qty
#2 ACSR	Existing	1	53	#2 ACSR		
#2 ACSR NEUTRAL	Existing	1	53	#2 ACSR NEUTRAL		
UG SVC	Existing	1	-	UG SVC (3 WIRE SECONDARY UG)		
#2 ACSR	*Remove*	*1*	-	*#2 ACSR*		
#2 ACSR NEUTRAL	*Remove*	*1*	-	*#2 ACSR NEUTRAL*		
40/5	*Remove*		*1*	*40/5 POLE*		
VA6	*Remove*		*1*	*VA6 (1-PHASE DOUBLE DEADEND)*		
SVG10-15	*Remove*		*1*	*SVG10-15 (1-PH XFMR ON 1-PH CIRCUIT)*		
SUM5	*Remove*		*1*	*SUM5 (SECONDARY RISER)*		
SM2-11	*Remove*		*1*	*SM2-11 (POLE GROUND)*		
SM52-3	*Remove*		*1*	*SM52-3 (POLE NUMBER)*		
#2 ACSR	**Install**	**1**	**-**	**#2 ACSR**		
#2 ACSR NEUTRAL	**Install**	**1**	**-**	**#2 ACSR NEUTRAL**		
4/0 RIBB	**Install**	**1**	**-**	**4/0 RIBB (3 WIRE SECONDARY UG)**		
45/3	**Install**		**1**	**45/3 POLE**		
VA6	**Install**		**1**	**VA6 (1-PHASE DOUBLE DEADEND)**		
SE1-3	**Install**		**3**	**SE1-3 (DOWN GUY)**		
SF-4P	**Install**		**2**	**SF-4P (PLATE ANCHOR)**		
F1-4P-TRPL	**Install**		**1**	**F1-4P-TRPL (PLATE ANCHOR, TRIPLE-EYE)**		
SVG10-25	**Install**		**1**	**SVG10-25 (1-PH XFMR ON 1-PH CIRCUIT)**		
SUM5	**Install**		**1**	**SUM5 (SECONDARY RISER)**		
SUME290S3	**Install**		**1**	**SUME290S3 (2" RSC 90 36" RADIUS)**		
SM2-11	**Install**		**1**	**SM2-11 (POLE GROUND)**		
SM52-3	**Install**		**1**	**SM52-3 (POLE NUMBER)**		

Remarks:
BEGIN REPLACEMENT OF #2 ACSR TO SOUTH.
MAINTAIN EXSITING CONDUCTOR TENSIONS TO THE NORTH.
INSTALL ANCHORS PER DRAWING.
SEE VA6 DETAIL. INSTALL NEUTRAL TO POLE 2028, 6' BELOW PHASE DEADEND; INSTALL NEUTRAL DEADEND NORTH 6" HIGHER AND AT ANGLE.
ATTACH IN-LINE GUYS AT 12" BELOW PHASE AND NEUTRAL.
ATTACH BISECTOR GUY AT 6" BELOW NEUTRAL.
INSTALL TRANSFORMER ABOVE NEUTRAL.
CONSTRUCT SECONDARY RISER TO 29'-6" (18" BELOW NEUTRAL BOLT).

Structure: **04. PED 2332A**

Assembly Unit	Activity	#Cond	Qty	Unit Description	Complete	Qty
UG SVC	Existing	1	-	UG SVC (3 WIRE SECONDARY UG)		
4/0 RIBB	**Install**	**1**	**10**	**4/0 RIBB (3 WIRE SECONDARY UG)**		
SUK5	**Install**		**1**	**SUK5 (SECONDARY PEDESTAL)**		
SUM1-SM	**Install**		**1**	**SUM1-SM (SNOW MARKER)**		
SUM5012H	**Install**		**10**	**SUM5012H-Conduit - ((1) 2" HDPE CONDUIT)**		
SHUR2-3	**Install**		**10**	**SHUR2-3 (HAND DUG SEC. TRENCH)**		

Remarks:
INSTALL PEDESTAL 4' NORTH OR 4' SOUTH OF NEW BISECTOR ANCHOR.
RELOCATE UG SERVICE INTO PEDESTAL.
DETERMINE CONDUCTOR SIZE OF UG SERVICE AND RECORD ON STAKING SHEETS.

Design: 1. BIRD POINT FIBER TIE IN
ISSUED FOR CONSTRUCTION

Project: E2414297

Structure: **05. POLE 2028 (173L1 IN FIELD)**

Assembly Unit	Activity	#Cond	Qty	Unit Description	Complete	Qty
OH SVC	Existing	2	-	OH SVC		
#4 TPX/#2 TPX	*Remove*	*2*	*150*	*#2/#4 TRIPLEX CABLE*		
#2 ACSR	*Remove*	*1*	*274*	*#2 ACSR*		
#2 ACSR NEUTRAL	*Remove*	*1*	*274*	*#2 ACSR NEUTRAL*		
40/5	*Remove*		*1*	*40/5 POLE*		
VA2	*Remove*		*1*	*VA2 (1-PHASE SMALL ANGLE)*		
SE1-4	*Remove*		*1*	*SE1-4 (DOWN GUY)*		
SF-4P	*Remove*		*1*	*SF-4P (PLATE ANCHOR)*		
SVG9-10	*Remove*		*1*	*SVG9-10 (1-PH XFMR ON 1-PHASE CIRCUIT)*		
EYE-BOLT	*Remove*		*1*	*EYE-BOLT (SEC/SVC EYE-BOLT)*		
SK16	*Remove*		*2*	*SK16 (WEDGE-TYPE TPX ATTACHMENT)*		
SM2-11	*Remove*		*1*	*SM2-11 (POLE GROUND)*		
SM52-3	*Remove*		*1*	*SM52-3 (POLE NUMBER)*		
#2 ACSR	**Install**	**1**	**274**	**#2 ACSR**		
#2 ACSR NEUTRAL	**Install**	**1**	**274**	**#2 ACSR NEUTRAL**		
#2 TPX	**Install**	**2**	**150**	**#2 TPX TRIPLEX CABLE**		
50/2	**Install**		**1**	**50/2 POLE**		
VA2	**Install**		**1**	**VA2 (1-PHASE SMALL ANGLE)**		
SE1-3	**Install**		**2**	**SE1-3 (DOWN GUY)**		
SF-4P	**Install**		**1**	**SF-4P (PLATE ANCHOR)**		
F1-4P-TRPL	**Install**		**1**	**F1-4P-TRPL (PLATE ANCHOR, TRIPLE-EYE)**		
SVG9-25	**Install**		**1**	**SVG9-25 (1-PH XFMR ON 1-PH CIRCUIT)**		
J10	**Install**		**1**	**J10 (SECONDARY CLEVIS, RIGID)**		
SK16	**Install**		**3**	**SK16 (WEDGE-TYPE TPX ATTACHMENT)**		
SM2-11	**Install**		**1**	**SM2-11 (POLE GROUND)**		
SM52-3	**Install**		**1**	**SM52-3 (POLE NUMBER)**		
SR1-10	**Install**		**40**	**SR1-10 (CLEARING, AERIAL, 10' WIDE)**		

Remarks:
CLEAR AS REQUIRED FOR GUYS/ANCHORS.
INSTALL ANCHORS PER DRAWING.
NOTE: GUYS AND ANCHORS ARE BEHIND A CHAIN LINK FENCE.
REMOVE FENCE TEMPORARILY FOR INSTALLATION; THEN, RE-INSTALL IT. TAKE PICTURES BEFORE REMOVAL.
INSTALL NEUTRAL 6' BELOW POLE TOP.
INSTALL TRANSFORMER ABOVE NEUTRAL.
INSTALL J10 16" BELOW NEUTRAL.
REPLACE SERVICES TO WEATHERHEAD AND TO SERVICE LIFT POLE.

Structure: **06. POLE 1525**

Assembly Unit	Activity	#Cond	Qty	Unit Description	Complete	Qty
#2 ACSR	**Install**	**1**	**301**	**#2 ACSR**		
#2 ACSR NEUTRAL	**Install**	**1**	**301**	**#2 ACSR NEUTRAL**		
45/3	**Install**		**1**	**45/3 POLE**		
VA7F	**Install**		**1**	**VA7F (1-PHASE DEADEND, FG XARM)**		
VA5	**Install**		**1**	**VA5 (1-PHASE, DEADEND)**		
VM5-5	**Install**		**2**	**VM5-5 (PIN, JUMPERING, XARM)**		
E1-5C	**Install**		**1**	**E1-5C (DOWN GUY, CLEVIS, FOR FG XARM)**		
SF-4P	**Install**		**1**	**SF-4P (PLATE ANCHOR)**		
F1-4P-TRPL	**Install**		**1**	**F1-4P-TRPL (PLATE ANCHOR, TRIPLE-EYE)**		
SM2-11	**Install**		**1**	**SM2-11 (POLE GROUND)**		
SM52-3	**Install**		**1**	**SM52-3 (POLE NUMBER)**		

Remarks:
INSTALL ANCHORS PER DRAWING.
INSTALL VA5 ON BACKSIDE OF VA7F.
INSTALL NEUTRAL ON FIELD SIDE.

Structure: **07. POLE 1425 (173 IN FIELD)**

Assembly Unit	Activity	#Cond	Qty	Unit Description	Complete	Qty
1/0 ACSR	*Remove*	*3*	*-*	*1/0 ACSR*		
#2 ACSR NEUTRAL	*Remove*	*1*	*-*	*#2 ACSR NEUTRAL*		
1/0 ACSR	*Remove*	*3*	*-*	*1/0 ACSR*		
#2 ACSR NEUTRAL	*Remove*	*1*	*-*	*#2 ACSR NEUTRAL*		
#2 ACSR	*Remove*	*1*	*339*	*#2 ACSR*		
#2 ACSR NEUTRAL	*Remove*	*1*	*339*	*#2 ACSR NEUTRAL*		
40/3	*Remove*		*1*	*40/3 POLE*		
VC1P	*Remove*		*1*	*VC1P (3-PHASE TANGENT)*		
VA5-2	*Remove*		*1*	*VA5-2 (1-PHASE, DEADEND, TAP)*		
SVM5-9B	*Remove*		*1*	*SVM5-9B (CUT-OUT, LB, FUSED)*		
SE1-3	*Remove*		*1*	*SE1-3 (DOWN GUY)*		
SF-4P	*Remove*		*1*	*SF-4P (PLATE ANCHOR)*		
SVG39-5	*Remove*		*1*	*SVG39-5 (1-PH XFMR ON 3-PH CIRCUIT)*		
SM2-11	*Remove*		*1*	*SM2-11 (POLE GROUND)*		
SM52-3	*Remove*		*1*	*SM52-3 (POLE NUMBER)*		
#2 ACSR	**Install**	**1**	**40**	**#2 ACSR**		
#2 ACSR NEUTRAL	**Install**	**1**	**40**	**#2 ACSR NEUTRAL**		
50/2	**Install**		**1**	**50/2 POLE**		
VC1-1R	**Install**		**1**	**VC1-1R (3-PHASE DBL XARM TANGENT)**		
VA5-2	**Install**		**1**	**VA5-2 (1-PHASE, DEADEND, TAP)**		
SVM5-9B	**Install**		**1**	**SVM5-9B (CUT-OUT, LB, FUSED)**		
SE1-3	**Install**		**1**	**SE1-3 (DOWN GUY)**		
SF-4P	**Install**		**1**	**SF-4P (PLATE ANCHOR)**		
F1-4P-TRPL	**Install**		**1**	**F1-4P-TRPL (PLATE ANCHOR, TRIPLE-EYE)**		
SM2-11	**Install**		**1**	**SM2-11 (POLE GROUND)**		
SM52-3	**Install**		**1**	**SM52-3 (POLE NUMBER)**		

Remarks: SET POLE 7' DEEP.
REDUCED TENSION SPAN TO POLE 1525.
INSTALL E/W NEUTRAL 8' BELOW XARM.
INSTALL TAP NEUTRAL 6" HIGHER.
INSTALL ANCHOR PER DRAWING.
ATTACH GUY AT 2' BELOW TAP PHASE.
FUSE TAP AT 2OT.

Structure: **08. POLE 0928 (172, __2 IN FIELD)**

Assembly Unit	Activity	#Cond	Qty	Unit Description	Complete	Qty
1/0 ACSR	Existing	3	381	1/0 ACSR		
#2 ACSR NEUTRAL	Existing	1	381	#2 ACSR NEUTRAL		
#2 ACSR	Existing	1	-	#2 ACSR		
#2 ACSR NEUTRAL	Existing	1	-	#2 ACSR NEUTRAL		
SF-4P	Existing		1	SF-4P (PLATE ANCHOR)		
UG SVC	Existing	2	-	UG SVC (3 WIRE SECONDARY UG)		
1/0 ACSR	*Remove*	*3*	*328*	*1/0 ACSR*		
#2 ACSR NEUTRAL	*Remove*	*1*	*328*	*#2 ACSR NEUTRAL*		
40/4	*Remove*		*1*	*40/4 POLE*		
VC1AP	*Remove*		*1*	*VC1AP (3-PHASE TANGENT)*		
VA5-2	*Remove*		*1*	*VA5-2 (1-PHASE, DEADEND, TAP)*		
SVM5-9B	*Remove*		*1*	*SVM5-9B (CUT-OUT, LB, FUSED)*		
SE1-3	*Remove*		*1*	*SE1-3 (DOWN GUY)*		
SVG39-15	*Remove*		*1*	*SVG39-15 (1-PH XFMR ON 3-PH CIRCUIT)*		
SUM52.5	*Remove*		*1*	*SUM52.5 (SECONDARY U-GUARD RISER)*		
SM2-11	*Remove*		*1*	*SM2-11 (POLE GROUND)*		
SM52-3	*Remove*		*1*	*SM52-3 (POLE NUMBER)*		
1/0 ACSR	**Install**	**3**	**-**	**1/0 ACSR**		
#2 ACSR NEUTRAL	**Install**	**1**	**-**	**#2 ACSR NEUTRAL**		
#2 ACSR	**Install**	**1**	**15**	**#2 ACSR**		
#2 ACSR NEUTRAL	**Install**	**1**	**15**	**#2 ACSR NEUTRAL**		
4/0 RIBB	**Install**	**1**	**-**	**4/0 RIBB (3 WIRE SECONDARY UG)**		
SM45A	**Install**		**2**	**SM45A (SPLICE, PRIMARY, #2 ACSR)**		
50/2	**Install**		**1**	**50/2 POLE**		
VC8F	**Install**		**1**	**VC8F (3-PHASE DBL DEADEND, FG XARM)**		
VA7F	**Install**		**1**	**VA7F (1-PHASE DEADEND, FG XARM)**		
VM5-5	**Install**		**1**	**VM5-5 (PIN, JUMPERING, XARM)**		
SVM5-9B	**Install**		**1**	**SVM5-9B (CUT-OUT, LB, FUSED)**		
E1-5	**Install**		**1**	**E1-5 (DOWN GUY)**		
SEM-I42	**Install**		**1**	**SEM-I42 (GUY STRAIN INSLTR, 21K, 54")**		
E1-5C	**Install**		**2**	**E1-5C (DOWN GUY, CLEVIS, FOR FG XARM)**		
SF-4P	**Install**		**2**	**SF-4P (PLATE ANCHOR)**		
F1-4P-TRPL	**Install**		**1**	**F1-4P-TRPL (PLATE ANCHOR, TRIPLE-EYE)**		
SVG39-25	**Install**		**1**	**SVG39-25 (1-PH XFMR ON 3-PH CIRCUIT)**		
SUM5	**Install**		**1**	**SUM5 (SECONDARY RISER)**		
SUME290S3	**Install**		**1**	**SUME290S3 (2" RSC 90 36" RADIUS)**		
SM2-11	**Install**		**1**	**SM2-11 (POLE GROUND)**		
SM52-3	**Install**		**1**	**SM52-3 (POLE NUMBER)**		

Remarks: POLE IS AN ACS DOUBLE RISER , GUYED DEADEND POLE.
COORDINATE CHANGE-OUT OF POLE WITH ACS.

INSTALL ANCHORS PER DRAWING.
SPLICE TO #2 ACSR, TO NORTH, A MINIMUM OF 10' FROM POLE.
INSTALL GUY TO NORTH AT 12" BELOW V8F's CROSSARM WITH A GUY STRAIN INSULATOR.
FRAME VA7F 2' BELOW VA8F's CROSSARM. FRAME NEUTRAL ON EAST SIDE.
FRAME E/W NEUTRAL 6' BELOW VA7F's CROSSARM.
INSTALL GUY TO NORTH 12" BELOW VA7F.
INSTALL TRANSFORMER IN NW QUADRANT ABOVE E/W NEUTRAL. LEAVE IT DE-ENERGIZED.
FUSE TAP AT 20T.

Structure: **09. PED 0928A**

Assembly Unit	Activity	#Cond	Qty	Unit Description	Complete	Qty
UG SVC	Existing	2	-	UG SVC (3 WIRE SECONDARY UG)		
4/0 RIBB	**Install**	**1**	**10**	**4/0 RIBB (3 WIRE SECONDARY UG)**		
SUK5	**Install**		**1**	**SUK5 (SECONDARY PEDESTAL)**		
SUM1-SM	**Install**		**1**	**SUM1-SM (SNOW MARKER)**		
SUM5012H	**Install**		**10**	**SUM5012H-Conduit - ((1) 2" HDPE CONDUIT)**		
SHUR2-3	**Install**		**10**	**SHUR2-3 (HAND DUG SEC. TRENCH)**		

Remarks: INSTALL PEDESTAL 7' EAST AND 1' NORTH OF POLE.
RE-LOCATE UG SERVICES INTO PEDESTAL.
DETERMINE CONDUCTOR SIZE OF UG SERVICES AND RECORD ON STAKING SHEETS.

Design: 1. BIRD POINT FIBER TIE IN
Project: E2414297 ISSUED FOR CONSTRUCTION

Structure: 10. POLE 1327

Assembly Unit	Activity	#Cond	Qty	Unit Description	Complete	Qty
1/0 ACSR	**Install**	**3**	**135**	**1/0 ACSR**		
#2 ACSR NEUTRAL	**Install**	**1**	**135**	**#2 ACSR NEUTRAL**		
1/0 ACSR	**Install**	**3**	**202**	**1/0 ACSR**		
#2 ACSR NEUTRAL	**Install**	**1**	**202**	**#2 ACSR NEUTRAL**		
45/3	**Install**		**1**	**45/3 POLE**		
VC2R	**Install**		**1**	**VC2R (3-PHASE SMALL ANGLE)**		
SE1-3	**Install**		**1**	**SE1-3 (DOWN GUY)**		
SF-4P	**Install**		**1**	**SF-4P (PLATE ANCHOR)**		
F1-4P-TRPL	**Install**		**1**	**F1-4P-TRPL (PLATE ANCHOR, TRIPLE-EYE)**		
SM52-3	**Install**		**1**	**SM52-3 (POLE NUMBER)**		
SR1-30	**Install**		**185**	**SR1-30 (CLEARING, AERIAL, 30' WIDE)**		
SR1-10	**Install**		**15**	**SR1-10 (CLEARING, AERIAL, 10' WIDE)**		

Remarks: INSTALL ANCHORS PER DRAWING.
INSTALL NEUTRAL 6' BELOW CROSSARM.
135' OF CONDUCTOR CALL-OUTS ARE FOR SPAN TO POLE 0928.
202' OF CONDUCTOR CALL-OUTS ARE FOR SPAN TO POLE 1425.
CLEAR FOR NEW ALIGNMENT, AND AS REQUIRED FOR GUY AND ANCHOR INSTALLATION.

Structure: 11. RMB (1__ IN FIELD)

Assembly Unit	Activity	#Cond	Qty	Unit Description	Complete	Qty
45/3	Existing		1	45/3 POLE		
METER	Existing		1	METER		
METER BASE	Existing		1	METER BASE (METER BASE)		
MTR BASE RISER	Existing		1	MTR BASE RISER (METER BASE RISER)		
OH SVC	Existing	2	-	#4/#2 TRIPLEX CABLE		
M2-11	Existing		1	M2-11 (POLE GROUND)		
1/0 ACSR	*Remove*	*3*	*328*	*1/0 ACSR*		
#2 ACSR NEUTRAL	*Remove*	*1*	*328*	*#2 ACSR NEUTRAL*		
VC1P	*Remove*		*1*	*VC1P (3-PHASE TANGENT)*		
VA5-2	*Remove*		*1*	*VA5-2 (1-PHASE, DEADEND, TAP)*		
SVM5-9B	*Remove*		*1*	*SVM5-9B (CUT-OUT, LB, FUSED)*		
SE1-3	*Remove*		*1*	*SE1-3 (DOWN GUY)*		
SF-4P	*Remove*		*1*	*SF-4P (PLATE ANCHOR)*		
SVG39-25	*Remove*		*1*	*SVG39-25 (1-PH XFMR ON 3-PH CIRCUIT)*		
J6	*Remove*		*1*	*J6 (SECONDARY CLEVIS, SWINGING)*		
SK16	*Remove*		*1*	*SK16 (WEDGE-TYPE TPX ATTACHMENT)*		
SM52-3	*Remove*		*1*	*SM52-3 (POLE NUMBER)*		
K10	**Install**		**1**	**K10 (SERVICE CLEVIS)**		

Remarks: RELOCATE OH SERVICES TO POLE 1920 (REPLACE SERVICES).
RELOCATE #2 ACSR PRIMARY TO NORTH, TO POLE 1920.
RE-SOURCE METER BASE RISER FROM POLE 1920.
TOP POLE ABOVE METERBASE RISER.

Structure: **12. POLE 1920**

Assembly Unit	Activity	#Cond	Qty	Unit Description	Complete	Qty
1/0 ACSR	**Install**	**3**	**328**	**1/0 ACSR**		
#2 ACSR NEUTRAL	**Install**	**1**	**328**	**#2 ACSR NEUTRAL**		
#2 ACSR	**Install**	**1**	**20**	**#2 ACSR**		
#2 ACSR NEUTRAL	**Install**	**1**	**20**	**#2 ACSR NEUTRAL**		
SM45A	**Install**		**2**	**SM45A (SPLICE, PRIMARY, #2 ACSR)**		
#2 TPX	**Install**	**1**	**20**	**#2 TPX TRIPLEX CABLE**		
#2 TPX	**Install**	**2**	**90**	**#2 TPX TRIPLEX CABLE**		
55/2	**Install**		**1**	**55/2 POLE**		
VC2R	**Install**		**1**	**VC2R (3-PHASE SMALL ANGLE)**		
VA5-2	**Install**		**1**	**VA5-2 (1-PHASE, DEADEND, TAP)**		
SVM5-9B	**Install**		**1**	**SVM5-9B (CUT-OUT, LB, FUSED)**		
E1-5	**Install**		**1**	**E1-5 (DOWN GUY)**		
SF-4P	**Install**		**1**	**SF-4P (PLATE ANCHOR)**		
F1-4P-TRPL	**Install**		**1**	**F1-4P-TRPL (PLATE ANCHOR, TRIPLE-EYE)**		
SVG39-25	**Install**		**1**	**SVG39-25 (1-PH XFMR ON 3-PH CIRCUIT)**		
J10	**Install**		**2**	**J10 (SECONDARY CLEVIS, RIGID)**		
SK16	**Install**		**3**	**SK16 (WEDGE-TYPE TPX ATTACHMENT)**		
SM2-11	**Install**		**1**	**SM2-11 (POLE GROUND)**		
SM52-3	**Install**		**1**	**SM52-3 (POLE NUMBER)**		
SR1-30	**Install**		**130**	**SR1-30 (CLEARING, AERIAL, 30' WIDE)**		

Remarks:
SET POLE 7.5' DEEP.
INSTALL ANCHORS PER DRAWING.
SPLICE TO #2 ACSR, TO NORTH AT ~13' FROM POLE.
INSTALL TAP PHASE 15" BELOW LINE XARM.
ATTACH GUY 9" LOWER.
INSTALL E/W NEUTRAL 8' BELOW XARM.
INSTALL TAP NEUTRAL 6" HIGHER HIGHER.
INSTALL TRANSFORMER ABOVE NEUTRALS.
REPLACE SERVICES TO WEATHERHEAD AND LIFT POLE.
CLEAR AS REQUIRED FOR NEW ALIGNMENT IN SPAN TO POLE 1425.
CLEAR AS REQUIRED FOR NEW ALIGNMENT IN SPAN TO POLE L1.
FUSE TAP AT 20T.

Structure: **13. POLE 2218**

Assembly Unit	Activity	#Cond	Qty	Unit Description	Complete	Qty
1/0 ACSR	Existing	3	-	1/0 ACSR		
#2 ACSR NEUTRAL	Existing	1	-	#2 ACSR NEUTRAL		
1/0 ACSR	*Remove*	*3*	*223*	*1/0 ACSR*		
#2 ACSR NEUTRAL	*Remove*	*1*	*223*	*#2 ACSR NEUTRAL*		
1/0 ACSR	**Install**	**3**	**213**	**1/0 ACSR**		
#2 ACSR NEUTRAL	**Install**	**1**	**213**	**#2 ACSR NEUTRAL**		
45/3	**Install**		**1**	**45/3 POLE**		
VC8F	**Install**		**1**	**VC8F (3-PHASE DBL DEADEND, FG XARM)**		
E1-5C	**Install**		**1**	**E1-5C (DOWN GUY, CLEVIS, FOR FG XARM)**		
E1-5	**Install**		**1**	**E1-5 (DOWN GUY)**		
SF-4P	**Install**		**2**	**SF-4P (PLATE ANCHOR)**		
F1-4P-TRPL	**Install**		**1**	**F1-4P-TRPL (PLATE ANCHOR, TRIPLE-EYE)**		
SM2-11	**Install**		**1**	**SM2-11 (POLE GROUND)**		
SM52-3	**Install**		**1**	**SM52-3 (POLE NUMBER)**		
SR1-10	**Install**		**20**	**SR1-10 (CLEARING, AERIAL, 10' WIDE)**		

Remarks:
INSTALL ANCHORS PER DRAWING.
CLEAR AS REQUIRED FOR GUY AND ANCHORS.

Structure: **14. POLE (R)175 (17_ IN FIELD)**

Assembly Unit	Activity	#Cond	Qty	Unit Description	Complete	Qty
40/5	*Remove*		*1*	*40/5 POLE*		
VC1P	*Remove*		*1*	*VC1P (3-PHASE TANGENT)*		
SM52-3	*Remove*		*1*	*SM52-3 (POLE NUMBER)*		
SM2-11	*Remove*		*1*	*SM2-11 (POLE GROUND)*		

Remarks:

Structure: **15. POLE 2813**

Assembly Unit	Activity	#Cond	Qty	Unit Description	Complete	Qty
1/0 ACSR	Existing	3	220	1/0 ACSR		
#2 ACSR NEUTRAL	Existing	1	220	#2 ACSR NEUTRAL		
45/3	**Install**		**1**	**45/3 POLE**		
VC1AR	**Install**		**1**	**VC1AR (3-PHASE TANGENT)**		

Remarks: INSTALL NEUTRAL 5' BELOW CROSSARM.

Structure: **16. 2912 (176, 1__ IN FIELD)**

Assembly Unit	Activity	#Cond	Qty	Unit Description	Complete	Qty
1/0 ACSR	Existing	3	217	1/0 ACSR		
#2 ACSR NEUTRAL	Existing	1	217	#2 ACSR NEUTRAL		
1/0 TPX	Existing	1	-	1/0 TPX TRIPLEX CABLE		
45/3	Existing		1	45/3 POLE		
SE1-3	Existing		1	SE1-3 (DOWN GUY)		
SF-4P	Existing		1	SF-4P (PLATE ANCHOR)		
SVG39-15	Existing		1	SVG39-15 (1-PH XFMR ON 3-PH CIRCUIT)		
J6	Existing		1	J6 (SECONDARY CLEVIS, SWINGING)		
SM2-11	Existing		1	SM2-11 (POLE GROUND)		
M52-3	Existing		1	M52-3 (POLE NUMBER)		
VC1AP	*Remove*		*1*	*VC1AP (3-PHASE TANGENT)*		
SM52-3	**Install**		**1**	**SM52-3 (POLE NUMBER)**		
VC1AR	**Install**		**1**	**VC1AR (3-PHASE TANGENT)**		

Remarks: INSTALL REPLACEMENT NEUTRAL OFFSET BRACKET AT EXISTING HEIGHT (UTILIZE THE SAME HOLE).
SHORTEN SECONDARY DRIP LOOP TO ABOVE GUY ATTACHMENT BOLT (OR CONFIRM IT IS ABOVE THE GUY BOLT).

Structure: **17. POLE 3110**

Assembly Unit	Activity	#Cond	Qty	Unit Description	Complete	Qty
1/0 ACSR	Existing	3	206	1/0 ACSR		
#2 ACSR NEUTRAL	Existing	1	206	#2 ACSR NEUTRAL		
50/2	**Install**		**1**	**50/2 POLE**		
VC8F	**Install**		**1**	**VC8F (3-PHASE DBL DEADEND, FG XARM)**		
F1-4P-TRPL	**Install**		**1**	**F1-4P-TRPL (PLATE ANCHOR, TRIPLE-EYE)**		
SM2-11	**Install**		**1**	**SM2-11 (POLE GROUND)**		
SM52-3	**Install**		**1**	**SM52-3 (POLE NUMBER)**		

Remarks: INSTALL ANCHOR PER DRAWING.

Design: 1. BIRD POINT FIBER TIE IN

Project: E2414297 ISSUED FOR CONSTRUCTION

Structure: 19. POLE 3308 (176A IN FIELD)

Assembly Unit	Activity	#Cond	Qty	Unit Description	Complete	Qty
1/0 ACSR	Existing	3	206	1/0 ACSR		
#2 ACSR NEUTRAL	Existing	1	206	#2 ACSR NEUTRAL		
#2 ACSR	Existing	1	-	#2 ACSR		
#2 ACSR NEUTRAL	Existing	1	-	#2 ACSR NEUTRAL		
60/2	Existing		1	60/2 POLE		
SF-4P	Existing		1	SF-4P (PLATE ANCHOR)		
M52-3	Existing		1	M52-3 (POLE NUMBER)		
VC1	*Remove*		*1*	*VC1 (3-PHASE TANGENT)*		
VA5-2	*Remove*		*1*	*VA5-2 (1-PHASE, DEADEND, TAP)*		
SE1-3	*Remove*		*1*	*SE1-3 (DOWN GUY)*		
SVM5-9B	*Remove*		*1*	*SVM5-9B (CUT-OUT, LB, FUSED)*		
VC1	**Install**		**1**	**VC1 (3-PHASE TANGENT)**		
VA5-2	**Install**		**1**	**VA5-2 (1-PHASE, DEADEND, TAP)**		
SVM5-9B	**Install**		**1**	**SVM5-9B (CUT-OUT, LB, FUSED)**		
SE1-3	**Install**		**2**	**SE1-3 (DOWN GUY)**		
SM52-3	**Install**		**1**	**SM52-3 (POLE NUMBER)**		

Remarks: REPLACE VC1 FRAMING.

INSTALL TAP PHASE EYE-BOLT 2' BELOW LINE XARM.
INSTALL E/W NEUTRAL AT 45'-7" (AT EXISTING HEIGHT- RE-UTILIZE HOLE).
INSTALL TAP NEUTRAL 7' BELOW TAP PHASE (AT 2'-10" BELOW E/W NEUTRAL).
INSTALL GUYS AT 9" BELOW TAP PHASE AND TAP NEUTRAL.
FUSE TAP AT 20T.

Structure: 20. POLE 3706 (177 IN FIELD)

Assembly Unit	Activity	#Cond	Qty	Unit Description	Complete	Qty
1/0 ACSR	Existing	3	128	1/0 ACSR		
#2 ACSR NEUTRAL	Existing	1	128	#2 ACSR NEUTRAL		
40/5	*Remove*		*1*	*40/5 POLE*		
VC1AP	*Remove*		*1*	*VC1AP (3-PHASE TANGENT)*		
SM52-3	*Remove*		*1*	*SM52-3 (POLE NUMBER)*		
40/2	**Install**		**1**	**40/2 POLE**		
VC1-1	**Install**		**1**	**VC1-1 (3-PHASE TANGENT, DBL XARMS)**		
SM52-3	**Install**		**1**	**SM52-3 (POLE NUMBER)**		

Remarks: VC1-1 USES 8' XARMS.
SET POLE 8' DEEP.
INSTALL NEUTRAL 4'-6" BELOW XARM (SEE DETAIL).

Structure: 28. POLE R178 (1_8 IN FIELD)

Assembly Unit	Activity	#Cond	Qty	Unit Description	Complete	Qty
UG SVC	Existing	1	-	UG SVC		
SUM5	Existing		1	SUM5 (SECONDARY RISER)		
SUM5A	Existing		2	SUM5A (SECONDARY RISER)		
#2 TPX	*Remove*	*1*	*22*	*#2 TPX TRIPLEX CABLE*		
#2 TPX	*Remove*	*1*	*93*	*#2 TPX TRIPLEX CABLE*		
40/4	*Remove*		*1*	*40/4 POLE*		
VC1P	*Remove*		*1*	*VC1P (3-PHASE TANGENT)*		
SVG39-15	*Remove*		*1*	*SVG39-15 (1-PH XFMR ON 3-PH CIRCUIT)*		
EYE-BOLT	*Remove*		*1*	*EYE-BOLT (EYE-BOLT)*		
SK16	*Remove*		*3*	*SK16 (WEDGE-TYPE TPX ATTACHMENT)*		
SUM5	*Remove*		*1*	*SUM5 (SECONDARY RISER)*		
SUM5A	*Remove*		*2*	*SUM5A (SECONDARY RISER)*		
SM2-11	*Remove*		*1*	*SM2-11 (POLE GROUND)*		
SM52-3	*Remove*		*1*	*SM52-3 (POLE NUMBER)*		

Remarks: ACS MESSENGER WAS DOUBLE DEADEND AND THEY HAD A RISER ON THE POLE.
COORDINATE CHANGE-OUT OF POLE WITH ACS.

SECONDARY RISERS ARE CALLED OUT AS BOTH EXISTING AND TO BE REMOVED, BECAUSE THEY ARE TO BE RE-WORKED INTO NEW PEDESTAL 3904A.
TWO (2) OF THE SECONDARY RISERS ARE SPARES. ONE EXTENDS TO THE HEIGHT OF THE ACTIVE RISER; THE OTHER HAD ONLY ITS FIRST 10' RGS CONDUIT SECTION.

Structure: **29. POLE 3904**

Assembly Unit	Activity	#Cond	Qty	Unit Description	Complete	Qty
1/0 ACSR	Existing	3	195	1/0 ACSR		
#2 ACSR NEUTRAL	Existing	1	195	#2 ACSR NEUTRAL		
#2 TPX	**Install**	**1**	**49**	**#2 TPX TRIPLEX CABLE**		
#2 TPX	**Install**	**1**	**102**	**#2 TPX TRIPLEX CABLE**		
4/0 RIBB	**Install**	**1**	**-**	**4/0 RIBB (3 WIRE SECONDARY UG)**		
45/3	**Install**		**1**	**45/3 POLE**		
VC1A	**Install**		**1**	**VC1A (3-PHASE TANGENT)**		
SE1-3	**Install**		**1**	**SE1-3 (DOWN GUY)**		
SF-4P	**Install**		**1**	**SF-4P (PLATE ANCHOR)**		
F1-4P-TRPL	**Install**		**1**	**F1-4P-TRPL (PLATE ANCHOR, TRIPLE-EYE)**		
SVG39-25	**Install**		**1**	**SVG39-25 (1-PH XFMR ON 3-PH CIRCUIT)**		
J10	**Install**		**1**	**J10 (SECONDARY CLEVIS, RIGID)**		
SK16	**Install**		**3**	**SK16 (WEDGE-TYPE TPX ATTACHMENT)**		
SUM5	**Install**		**1**	**SUM5 (SECONDARY RISER)**		
SUME290S3	**Install**		**1**	**SUME290S3 (2" RSC 90 36" RADIUS)**		
SM2-11	**Install**		**1**	**SM2-11 (POLE GROUND)**		
SM52-3	**Install**		**1**	**SM52-3 (POLE NUMBER)**		

Remarks:
INSTALL ANCHOR PER DRAWING.
INSTALL NEUTRAL 5' BELOW XARM.
INSTALL TRANSFORMER ABOVE NEUTRAL IN NW QUADRANT.
INSTALL J10 CLEVIS ON SOUTH FACE OF POLE.
ATTACH GUY 6" LOWER.
INSTALL RISER ON WEST FACE OF POLE.
EXTEND RISER TO SAME HEIGHT HEIGHT AS J10 CLEVIS.
KEEP ALL DRIP LOOPS WITHIN 8" OF J10 CLEVIS.
REPLACE OH SERVICES TO RMB AND MP/L.C.

Structure: **30. PEDESTAL 3904A**

Assembly Unit	Activity	#Cond	Qty	Unit Description	Complete	Qty
UG SVC	Existing	1	-	UG SVC (3 WIRE SECONDARY UG)		
4/0 RIBB	**Install**	**1**	**45**	**4/0 RIBB (3 WIRE SECONDARY UG)**		
SUK5	**Install**		**1**	**SUK5 (SECONDARY PEDESTAL)**		
SUR2-3	**Install**		**45**	**SUR2-3 (SECONDARY TRENCH)**		
SUM5012H	**Install**		**45**	**SUM5012H-Conduit - ((1) 2" HDPE CONDUIT)**		
SUM1-SM	**Install**		**1**	**SUM1-SM (SNOW MARKER)**		
BELL-END/PLUG	**Install**		**1**	**BELL-END/PLUG**		

Remarks:
ROUTE CONDUIT 10' NORTH OF PROPERTY LINE AT 15' WEST OF POLE TO MINIMIZE CONFLICT WITH NEW FIBER OPTIC HANDHOLE 3805.

INSTALL PEDESTAL OVER AROUND EXISTING CONDUITS ASSOCIATED WITHTHE THREE SECONDARY RISERS BEING RETIRED OFF POLE R178.

THE ACTIVE RISERS CABLES HAD BEEN TAGGED. BOTH SPARES ALSO HAD CABLE TAGS. TAG/RE-TAG CABLES AND SPARES.

BELL-END/PLUG:
EXTEND CONDUIT WITH 2" PVC TO 4"-6" ABOVE GRADE.
AND PROVIDE BELL ENDS ON ALL DUCTS.
INSTALL CONDUIT PLUGS IN SPARES.
ANTICIPATE ADDITIONAL WORK EFFORT TO INSTALL PEDESTAL AT ITS LOCATION AND INCLUDE THESE COSTS IN THE BELL-END/PLUG UNIT.

Structure: **31. POLE 4103**

Assembly Unit	Activity	#Cond	Qty	Unit Description	Complete	Qty
1/0 ACSR	Existing	3	165	1/0 ACSR		
#2 ACSR NEUTRAL	Existing	1	165	#2 ACSR NEUTRAL		
45/3	**Install**		**1**	**45/3 POLE**		
VC1AR	**Install**		**1**	**VC1AR (3-PHASE TANGENT)**		
SM2-11	**Install**		**1**	**SM2-11 (POLE GROUND)**		
SM52-3	**Install**		**1**	**SM52-3 (POLE NUMBER)**		

Remarks:

Structure: **32. POLE 4401 (178A IN FIELD)**

Assembly Unit	Activity	#Cond	Qty	Unit Description	Complete	Qty
1/0 ACSR	Existing	3	155	1/0 ACSR		
#2 ACSR NEUTRAL	Existing	1	155	#2 ACSR NEUTRAL		
40/5	Existing		1	40/5 POLE		
SF-4P	Existing		1	SF-4P (PLATE ANCHOR)		
M52-3	Existing		1	M52-3 (POLE NUMBER)		
#2 ACSR	*Remove*	*1*	*-*	*#2 ACSR*		
#2 ACSR NEUTRAL	*Remove*	*1*	*-*	*#2 ACSR NEUTRAL*		
VC1	*Remove*		*1*	*VC1 (3-PHASE TANGENT)*		
VA5-2	*Remove*		*1*	*VA5-2 (1-PHASE, DEADEND, TAP)*		
SE1-3	*Remove*		*1*	*SE1-3 (DOWN GUY)*		
SVM5-9B	*Remove*		*1*	*SVM5-9B (CUT-OUT, LB, FUSED)*		
#2 ACSR	**Install**	**1**	**-**	**#2 ACSR**		
#2 ACSR NEUTRAL	**Install**	**1**	**-**	**#2 ACSR NEUTRAL**		
VC8F	**Install**		**1**	**VC8F (3-PHASE DBL DEADEND, FG XARM)**		
VA7F	**Install**		**1**	**VA7F (1-PHASE DEADEND, FG XARM)**		
E1-5C	**Install**		**1**	**E1-5 (DOWN GUY)**		
F1-4P-TRPL	**Install**		**2**	**F1-4P-TRPL (PLATE ANCHOR, TRIPLE-EYE)**		
SVM5-9B	**Install**		**1**	**SVM5-9B (CUT-OUT, LB, FUSED)**		
SM2-11	**Install**		**1**	**SM2-11 (POLE GROUND)**		
SM52-3	**Install**		**1**	**SM52-3 (POLE NUMBER)**		

Remarks: INSTALL ANCHORS PER DRAWING.
INSTALL VA7F 3' BELOW VC8F's XARM.
INSTALL E/W NEUTRAL AT 2' BELOW VA7F's XARM.
FUSE TAP AT 20T.

Structure: **33. POLE 4502 (L1 IN FIELD)**

Assembly Unit	Activity	#Cond	Qty	Unit Description	Complete	Qty
#2 ACSR	*Remove*	1	131	*#2 ACSR*		
#2 ACSR NEUTRAL	*Remove*	1	131	*#2 ACSR NEUTRAL*		
40/5	*Remove*		*1*	*40/5 POLE*		
VA1X	*Remove*		*1*	*VA1X (1-PHASE, TANGENT/ANGLE)*		
SE1-3	*Remove*		*1*	*SE1-3 (DOWN GUY)*		
SF-4P	*Remove*		*1*	*SF-4P (PLATE ANCHOR)*		
SM52-3	*Remove*		*1*	*SM52-3 (POLE NUMBER)*		
#2 ACSR	**Install**	**1**	**133**	**#2 ACSR**		
#2 ACSR NEUTRAL	**Install**	**1**	**133**	**#2 ACSR NEUTRAL**		
45/3	**Install**		**1**	**45/3 POLE**		
VA2	**Install**		**1**	**VA2 (1-PHASE SMALL ANGLE)**		
SE1-3	**Install**		**1**	**SE1-3 (DOWN GUY)**		
SF-4P	**Install**		**1**	**SF-4P (PLATE ANCHOR)**		
F1-4P-TRPL	**Install**		**1**	**F1-4P-TRPL (PLATE ANCHOR, TRIPLE-EYE)**		
SM2-11	**Install**		**1**	**SM2-11 (POLE GROUND)**		
SM52-3	**Install**		**1**	**SM52-3 (POLE NUMBER)**		
SR1-30	**Install**		**75**	**SR1-30 (CLEARING, AERIAL, 30' WIDE)**		
SR1-10	**Install**		**20**	**SR1-10 (CLEARING, AERIAL, 10' WIDE)**		

Remarks: INSTALL ANCHORS PER DRAWING.
ATTACH GUY AT 18" BELOW POLE TOP.
CLEAR IN SPAN TO 4401 FOR NEW PRIMARY ALIGNMENT.
CLEAR FOR GUYS AND ANCHORS.
INSTALL NEUTRAL AT 6' BELOW POLE TOP.

Structure: 34. POLE 4706 (NO# IN FIELD)

Assembly Unit	Activity	#Cond	Qty	Unit Description	Complete	Qty
UG SVC	Existing	1	-	UG SVC (3 WIRE SECONDARY UG)		
40/5	Existing		1	40/5 POLE		
SVG10-15	Existing		1	SVG10-15 (1-PH XFMR ON 1-PH CIRCUIT)		
SUM52.5	Existing		1	SUM52.5 (SECONDARY U-GUARD RISER)		
SM2-11	Existing		1	SM2-11 (POLE GROUND)		
#2 ACSR	*Remove*	*1*	*231*	*#2 ACSR*		
#2 ACSR NEUTRAL	*Remove*	*1*	*231*	*#2 ACSR NEUTRAL*		
VA5	*Remove*		*1*	*VA5 (1-PHASE, DEADEND)*		
SE1-3	*Remove*		*1*	*SE1-3 (DOWN GUY)*		
SF-4P	*Remove*		*1*	*SF-4P (PLATE ANCHOR)*		
#2 ACSR	**Install**	**1**	**231**	**#2 ACSR**		
#2 ACSR NEUTRAL	**Install**	**1**	**231**	**#2 ACSR NEUTRAL**		
VA5	**Install**		**1**	**VA5 (1-PHASE, DEADEND)**		
SM52-3	**Install**		**1**	**SM52-3 (POLE NUMBER)**		
SR1-30	**Install**		**75**	**SR1-30 (CLEARING, AERIAL, 30' WIDE)**		

Remarks: CLEAR IN SPAN TO POLE 4502 FOR NEW PRIMARY ALIGNMENT.
INSTALL NEUTRAL AT 4' BELOW PHASE (UTILIZE EXISTING HOLES FOR PHASE AND NEUTRAL BOLTS).
SHORTEN SECONDARY DRIP LOOP TO AT, OR ABOVE, TOP OF RISER.
ATTACH SPAN GUY AT HEIGHT OF RETIRED DOWN GUY.
SPAN GUY CALLED OUT AT POLE 4807.

Structure: 35. POLE 4807

Assembly Unit	Activity	#Cond	Qty	Unit Description	Complete	Qty
60/2	**Install**		**1**	**60/2 POLE**		
SE2-3	**Install**		**1**	**SE2-3 (SPAN GUY)**		
SE1-3	**Install**		**1**	**SE1-3 (DOWN GUY)**		
SF4C	**Install**		**1**	**SF4C (4' CONCRETE ANCHOR)**		
F1-4P-TRPL	**Install**		**1**	**F1-4P-TRPL (PLATE ANCHOR, TRIPLE-EYE)**		
SM31A	**Install**		**3**	**SM31A (2.5 YARDS, NSF FILL)**		
SM2-11	**Install**		**1**	**SM2-11 (POLE GROUND)**		
SM52-3	**Install**		**1**	**SM52-3 (POLE NUMBER)**		
SUM1-SM	**Install**		**1**	**SUM1-SM (SNOW MARKER)**		
SR1-30	**Install**		**163**	**SR1-30 (CLEARING, AERIAL, 30' WIDE)**		
SR1-10	**Install**		**20**	**SR1-10 (CLEARING, AERIAL, 10' WIDE)**		

Remarks: INSTALL ANCHORS PER DRAWING.
INSTALL SNOW MARKER AT F1-4P-TRPL ANCHOR ROD EYE.
PROVIDE NSF FILL AT POLE AND ANCHORS.
INSTALL SPAN GUY AND DOWN GUY BACK-TO-BACK AT 2' FROM POLE TOP.
CLEAR IN SPAN TO POLE 4706 FOR FUTURE PRIMARY INSTALLATION.
CLEAR WITH CARE TO REDUCE IMPACT TO LARGE SPRUCE TO NW OF NEW POLE.

Structure: 36. POLE 5111

Assembly Unit	Activity	#Cond	Qty	Unit Description	Complete	Qty
35/5	**Install**		**1**	**35/5 POLE**		
F1-4P-TRPL	**Install**		**1**	**F1-4P-TRPL (PLATE ANCHOR, TRIPLE-EYE)**		
SM31A	**Install**		**2**	**SM31A (2.5 YARDS, NSF FILL)**		
SM52-3	**Install**		**1**	**SM52-3 (POLE NUMBER)**		
SUM1-SM	**Install**		**1**	**SUM1-SM (SNOW MARKER)**		
SR1-20	**Install**		**85**	**SR1-20 (CLEARING, AERIAL, 20' WIDE)**		

Remarks: INSTALL ANCHOR PER DRAWING.
INSTALL SNOW MARKER AT ANCHOR ROD EYE.
GAS LINE LOCATES WERE FOUND IN VICINITY.
SET POLE 9'-6" DEEP.
PROVIDE NSF FILL AT POLE AND ANCHOR.
CLEAR FOR FO INSTALLATION.

END OF PROJECT