

**In Design**

**BIDSHEET**

**for**

**PROJECT : E2320066**

**34.5KV SUBTRANSMISSION LINE OH TO UG OLD SEWARD BY O'MALLEY**

**Work Request: E2320066**

**Design No.: 34.5 SUBTRANSMISSION LINE OH TO UG**

**Capital Account: 10725/000/03/7665**

**Reimbursible Account: / / /**

**Retirement Account: 10880/326/03/7665**

**Work Plan No:**

**Project Type: Line extension-Commercial-Small**

Reviewed by Designer/Project Engineer: Vladimir Krivonosov Date: 05/02/2023

Vladimir Krivonosov

Reviewed by Supervisor/Manager: Brad Jackson Date: 5/2/23

Supervisor

**Remarks:**

In Design

Project: E2320066 Contractor: \_\_\_\_\_  
34.5KV SUBTRANSMISSION LINE OH TO UG OLD SEWARD BY O'MALLEY

Assembly Unit	Proposed Quantity	Actual Quantity	Labor	Material	Labor & Material	Extended Labor & Material
1000 CONC	22.374					
BORE	3.370					
CLEAN CNDT	0.405					
De-water Vault	1.000					
MANHOURS	600.000					
SF7C	2.000					
SHUR2-6	0.055					
STAG-2	3.000					
SUM5011.5H	7.093					
SUM5024H	14.158					
SUM6-28M 3 PH	9.000					
SUME490F4	1.000					
SUME490S5	2.000					
SUMH-814	6.000					
SUMV-1	216.000					
SUR2-6	0.580					
SURS-ST	0.050					
Survey	1.000					
SWPPP-BP	1.000					
TG-24C	2.000					
TM-ID	1.000					
TUC7	1.000					
* 1000 CONC	1.475					
* 266.8 ACSR	0.143					
* 266.8 ACSR	23.488					
* POLE35/5	1.000					
* POLE45/1	1.000					
* POLE60/H1	37.000					
* SE1-4	1.000					
* SE15	1.000					
* SE1-5	3.000					

Total Extended Labor & Material This Page \_\_\_\_\_  
 Total Extended Labor & Material Previous Page \_\_\_\_\_  
 Total Extended Labor & Material \_\_\_\_\_

**In Design**

**Project: E2320066** Contractor: \_\_\_\_\_  
 34.5KV SUBTRANSMISSION LINE OH TO UG OLD SEWARD BY O'MALLEY

Assembly Unit	Proposed Quantity	Actual Quantity	Labor	Material	Labor & Material	Extended Labor & Material
* SE2-5 Material	2.000					
* SF4P	2.000					
* SF4PL	2.000					
* SF7C	5.000					
* STAG-2	3.000					
* SUM6-28M 3 PH	3.000					
* SUME490F4	4.000					
* SUME490F5	4.000					
* SUME490S5	4.000					
* TC1	25.000					
* TC1-1	11.000					
* TG-24C	4.000					
* TM-ID	4.000					
* TUC7	3.000					
* SUM5024H	0.174					

Total Extended Labor & Material This Page \_\_\_\_\_  
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 Total Extended Labor & Material \_\_\_\_\_

# RIGHT-OF-WAY REPORT

WORK ORDER NO. E2214120 / E2320066

DATE: April 28, 2023

SUBJECT: Distribution and Transmission System Improvement Project  
O'Malley Road to E. Dimond Blvd.  
Grids 2231, 2232, 2331, 2332, 2431, 2432, 2531 and 2532

An "X" enclosed in the parentheses below indicates the listed requirement has been obtained.

## Easement Rights:

- (X) 1. Dedicated by Plats (76-295, 2000-141, 96-69, 87-133, 2001-178, 94-120, 98-104, P-253, 71-75, 73-147, 73-19, 76-47, 85-173, 91-105, 83-139, 85-257, 93-46, 84-302, 83-24, 70-136, 71-118, 83-419, 97-106, 84-273, 83-212, 84-246, 83-438, 81-26, 79-56 and P-321).
- (X) 2. Warranty Deed (Serial No. 2004-087882-0).
- (X) 3. CEA specific easements on file.

## Permits:

- (X) 1. SOA DOT&PF Utility Permit 1-133200-23-056 (Expires 10/1/2023, TCP's to be obtained by Contractors).
- NA (X) 2. MOA ROW Permit (submitted for approval 4/28/2023 pending approval, TCP's to be obtained by Contractors).  
5/2
- ( ) 3. NOC labels for letters and Robo calls (requested on April 28<sup>th</sup> for construction dates May 15<sup>th</sup> through construction season 2023).

## Clearing:

- (X) 1. Clearing was identified on the project plans dated April 13, 2023.



Lorraine A. Lehman  
Right-of-Way Agent I

**In Design  
STAKING SHEET**

for

**PROJECT: E2320066**

**34.5KV SUBTRANSMISSION LINE OH TO UG OLD SEWARD BY O'MALLEY**

**Work Request:** E2320066  
**Design:** 34.5 SUBTRANSMISSION LINE OH TO UG  
**Capital Account:** 10725/000/03/7665  
**Reimbursible Account:** / / /  
**Retirement Account:** 10880/326/03/7665  
**Work Plan No:**  
**Project Type:** Line extension-Commercial-Small  
**Work Order Number:**

Reviewed by Designer/Project Engineer: Vladimir Krivonosov Date: 05/02/2023

Reviewed by Supervisor/Manager: Vladimir Krivonosov  
Brad Jackson Date: 5/2/23  
Supervisor

**Remarks:**

Chugach Electric Association  
5601 Electron Drive  
Anchorage, AK 99518

Designer \_\_\_\_\_ Date \_\_\_/\_\_\_/\_\_\_

Checker \_\_\_\_\_ Date \_\_\_/\_\_\_/\_\_\_

Manager \_\_\_\_\_ Date \_\_\_/\_\_\_/\_\_\_

Project: E2320066

Design: 34.5 SUBTRANSMISSION LINE OH TO UG

In Design

34.5KV SUBTRANSMISSION LINE OH TO UG OLD SEWARD BY O'MALLEY

Grid:

**Structure: 01 GENERAL**

Assembly Unit	Activity	#Cond	Qty	Unit Description	Complete	Qty
De-water Vault	Install	0	1	De-water Vault (De-water Vault Lump Sum Unit)		
MANHOURS	Install	0	600	MANHOURS (MANHOUR OF LABOR)		
Survey	Install	0	1	Survey (Survey (Direct Cost))		
SWPPP-BP	Install	0	1	SWPPP-BP (STORM WATER PLAN - BP)		

Remarks: -WRAP ALL PRIMARY CABLE IN VAULTS WITH 3-INCH ARC-PROOFING TAPE AT A 1/2-INCH OVERLAP.

**Structure: 02 V 0493**

Assembly Unit	Activity	#Cond	Qty	Unit Description	Complete	Qty
SUM6-28M 3 PH	Install	0	1	1000 PRIMARY SPLICE - 35KV		
SUM6-28M 3 PH	Remove	0	1	1000 PRIMARY SPLICE - 35KV		

Remarks: -REMOVE ARC-PROOFING TAPE AND WRAP NEW PRIMARY CABLE WITH SPLICE.

**Structure: 03 POLE 0407**

Assembly Unit	Activity	#Cond	Qty	Unit Description	Complete	Qty
CLEAN CNDT	Install	1	405	CLEAN CNDT (MANDREL & SWAB)		
1000 CONC	Remove	3	405	CABLE, SUBTRANSMISSION, 3 PHASE		
SUME490F5	Remove	0	4	SUME490F5 (4" FG 90 60")		
TUC7	Remove	0	1	TUC7 (THREE PHASE SUB-TRANSMISSION TERMINAL PC		
SUM5024H	Existing	1	405	SUM5024H - Conduit ((2) 4" HDPE CONDUIT)		
SUM5024H	Existing	1	405	SUM5024H - Conduit ((2) 4" HDPE CONDUIT)		

Remarks: -15' IS COMMON HAND DIG TRENCH TO SC 1201 UNDER (E2214120) TO EXPOSE EXISTING CONDUITS BY THE POLE 0407 AND SPLICE WITH NEW CONDUITS NORTH TO V 0426.

**Structure: 04 V 0426**

Assembly Unit	Activity	#Cond	Qty	Unit Description	Complete	Qty
1000 CONC	Install	3	937	CABLE, SUBTRANSMISSION, 3 PHASE		
BORE	Install	1	70	BORE		
SUM5024H	Install	1	532	SUM5024H - Conduit ((2) 4" HDPE CONDUIT)		
SUM5024H	Install	1	532	SUM5024H - Conduit ((2) 4" HDPE CONDUIT)		
SUM6-28M 3 PH	Install	0	1	1000 PRIMARY SPLICE - 35KV		
SUMH-814	Install	0	1	Pull Vault - 8x14x8		
SUMV-1	Install	0	36	CABLE RACK RAO8 & STANCHION		

Remarks: --717' IS COMMON TRENCH TO SC 1201 AND SC 1202, UNDER E2214120.

**Structure: 05 V 0264**

Assembly Unit	Activity	#Cond	Qty	Unit Description	Complete	Qty
1000 CONC	Install	3	1,005	CABLE, SUBTRANSMISSION, 3 PHASE		
BORE	Install	1	220	BORE		
SUM5024H	Install	1	1,005	SUM5024H - Conduit ((2) 4" HDPE CONDUIT)		
SUM5024H	Install	1	1,005	SUM5024H - Conduit ((2) 4" HDPE CONDUIT)		
SUM6-28M 3 PH	Install	0	1	1000 PRIMARY SPLICE - 35KV		
SUMH-814	Install	0	1	Pull Vault - 8x14x8		
SUMV-1	Install	0	36	CABLE RACK RAO8 & STANCHION		

Remarks: -785' IS COMMON TRENCH TO SC 1203 AND TO SC 1204, UNDER E2214120.

**Structure: 06 V 0295**

Assembly Unit	Activity	#Cond	Qty	Unit Description	Complete	Qty
1000 CONC	Install	3	799	CABLE, SUBTRANSMISSION, 3 PHASE		
BORE	Install	1	100	BORE		
BORE	Install	1	125	BORE		
BORE	Install	1	100	BORE		
SUM5024H	Install	1	799	SUM5024H - Conduit ((2) 4" HDPE CONDUIT)		
SUM5024H	Install	1	799	SUM5024H - Conduit ((2) 4" HDPE CONDUIT)		
SUM6-28M 3 PH	Install	0	1	1000 PRIMARY SPLICE - 35KV		
SUMH-814	Install	0	1	Pull Vault - 8x14x8		
SUMV-1	Install	0	36	CABLE RACK RAO8 & STANCHION		

Remarks: -474' IS COMMON TRENCH TO SC 1205, UNDER E2214120.

**Structure: 07 V 0233**

Assembly Unit	Activity	#Cond	Qty	Unit Description	Complete	Qty
1000 CONC	Install	3	1,017	CABLE, SUBTRANSMISSION, 3 PHASE		

Chugach Electric Association	Designer/Project Engineer	_____	Date	___/___/___
5601 Electron Drive	Checker	_____	Date	___/___/___
Anchorage, AK 99518	Manager/Supervisor	_____	Date	___/___/___

Project: E2320066

Design: 34.5 SUBTRANSMISSION LINE OH TO UG

In Design

34.5KV SUBTRANSMISSION LINE OH TO UG OLD SEWARD BY O'MALLEY

Grid:

**Structure: 07 V 0233**

Assembly Unit	Activity	#Cond	Qty	Unit Description	Complete	Qty
BORE	Install	1	800	BORE		
SUM5024H	Install	1	1,017	SUM5024H - Conduit ((2) 4" HDPE CONDUIT)		
SUM5024H	Install	1	1,017	SUM5024H - Conduit ((2) 4" HDPE CONDUIT)		
SUM6-28M 3 PH	Install	0	1	1000 PRIMARY SPLICE - 35KV		
SUMH-814	Install	0	1	Pull Vault - 8x14x8		
SUMV-1	Install	0	36	CABLE RACK RAO8 & STANCHION		

Remarks: -312' IS COMMON TRENCH TO SC 1206, TO SC 1207 AND TO SC 1208.

**Structure: 08 PV 0374**

Assembly Unit	Activity	#Cond	Qty	Unit Description	Complete	Qty
1000 CONC	Install	3	1,090	CABLE, SUBTRANSMISSION, 3 PHASE		
BORE	Install	1	100	BORE		
BORE	Install	1	100	BORE		
SHUR2-6	Install	1	10	SHUR2-6 (HAND DIGGING DEEP TRENCH)		
SUM5024H	Install	1	1,090	SUM5024H - Conduit ((2) 4" HDPE CONDUIT)		
SUM5024H	Install	1	1,090	SUM5024H - Conduit ((2) 4" HDPE CONDUIT)		
SUM6-28M 3 PH	Install	0	1	1000 PRIMARY SPLICE - 35KV		
SUM6-28M 3 PH	Install	0	1	1000 PRIMARY SPLICE - 35KV		
SUM6-28M 3 PH	Remove	0	1	1000 PRIMARY SPLICE - 35KV		
SUM6-28M 3 PH	Remove	0	1	1000 PRIMARY SPLICE - 35KV		

Remarks: -880' IS COMMON TRENCH TO SC 1209 AND TO SC 1210, UNDER E2214120.

**Structure: 09 POLE 0274**

Assembly Unit	Activity	#Cond	Qty	Unit Description	Complete	Qty
SHUR2-6	Install	1	10	SHUR2-6 (HAND DIGGING DEEP TRENCH)		
1000 CONC	Remove	3	38	CABLE, SUBTRANSMISSION, 3 PHASE		
SUME490F4	Remove	0	4	SUME490F4 (4" FG 90 48")		
TUC7	Remove	0	1	TUC7 (THREE PHASE SUB-TRANSMISSION TERMINAL PC		
SUM5024H	Abandon	1	38	SUM5024H - Conduit ((2) 4" HDPE CONDUIT)		
SUM5024H	Abandon	1	38	SUM5024H - Conduit ((2) 4" HDPE CONDUIT)		

Remarks:

**Structure: 10 SUBSTATION**

Assembly Unit	Activity	#Cond	Qty	Unit Description	Complete	Qty
STAG-2	Install	0	3	STAG-2 (PRIMARY CABLE TAG)		
STAG-2	Remove	0	3	STAG-2 (PRIMARY CABLE TAG)		

Remarks:

**Structure: 11 POLE 0275**

Assembly Unit	Activity	#Cond	Qty	Unit Description	Complete	Qty
SHUR2-6	Install	1	10	SHUR2-6 (HAND DIGGING DEEP TRENCH)		
1000 CONC	Remove	3	49	CABLE, SUBTRANSMISSION, 3 PHASE		
SUME490S5	Remove	0	4	SUME490S5 (4" RSC 90 60")		
TUC7	Remove	0	1	TUC7 (THREE PHASE SUB-TRANSMISSION TERMINAL PC		
SUM5024H	Abandon	1	49	SUM5024H - Conduit ((2) 4" HDPE CONDUIT)		
SUM5024H	Abandon	1	49	SUM5024H - Conduit ((2) 4" HDPE CONDUIT)		

Remarks:

**Structure: 12 V 0309**

Assembly Unit	Activity	#Cond	Qty	Unit Description	Complete	Qty
1000 CONC	Install	3	920	CABLE, SUBTRANSMISSION, 3 PHASE		
BORE	Install	1	180	BORE		
BORE	Install	1	260	BORE		
SHUR2-6	Install	1	15	SHUR2-6 (HAND DIGGING DEEP TRENCH)		
SUM5024H	Install	1	920	SUM5024H - Conduit ((2) 4" HDPE CONDUIT)		
SUM5024H	Install	1	920	SUM5024H - Conduit ((2) 4" HDPE CONDUIT)		
SUM6-28M 3 PH	Install	0	1	1000 PRIMARY SPLICE - 35KV		
SUMH-814	Install	0	1	Pull Vault - 8x14x8		
SUMV-1	Install	0	36	CABLE RACK RAO8 & STANCHION		
SUR2-6	Install	1	450	SUR2-6 (PRIMARY TRENCH)		
SURS-ST	Install	1	30	SURS-ST (VERY DEEP SANDED PRIMARY TRENCH)		

Remarks:

Chugach Electric Association	Designer/Project Engineer	_____	Date	___/___/___
5601 Electron Drive	Checker	_____	Date	___/___/___
Anchorage, AK 99518	Manager/Supervisor	_____	Date	___/___/___

Project: E2320066

Design: 34.5 SUBTRANSMISSION LINE OH TO UG

In Design

34.5KV SUBTRANSMISSION LINE OH TO UG OLD SEWARD BY O'MALLEY

Grid:

**Structure: 13 V 0247**

Assembly Unit	Activity	#Cond	Qty	Unit Description	Complete	Qty
1000 CONC	Install	3	992	CABLE, SUBTRANSMISSION, 3 PHASE		
BORE	Install	1	100	BORE		
BORE	Install	1	110	BORE		
BORE	Install	1	335	BORE		
BORE	Install	1	100	BORE		
SUM5024H	Install	1	992	SUM5024H - Conduit ((2) 4" HDPE CONDUIT)		
SUM5024H	Install	1	992	SUM5024H - Conduit ((2) 4" HDPE CONDUIT)		
SUM6-28M 3 PH	Install	0	1	1000 PRIMARY SPLICE - 35KV		
SUMH-814	Install	0	1	Pull Vault - 8x14x8		
SUMV-1	Install	0	36	CABLE RACK RAO8 & STANCHION		
SUR2-6	Install	1	130	SUR2-6 (PRIMARY TRENCH)		

Remarks:

**Structure: 14 POLE 0273**

Assembly Unit	Activity	#Cond	Qty	Unit Description	Complete	Qty
1000 CONC	Install	3	700	CABLE, SUBTRANSMISSION, 3 PHASE		
BORE	Install	1	670	BORE		
SF7C	Install	0	1	SF7C (ANCHOR, 7" CONCRETE)		
SF7C	Install	0	1	SF7C (ANCHOR, 7" CONCRETE)		
SHUR2-6	Install	1	10	SHUR2-6 (HAND DIGGING DEEP TRENCH)		
SUM5011.5H	Install	1	7,093	(1) 1.5" HDPE CONDUIT		
SUM5024H	Install	1	724	SUM5024H - Conduit ((2) 4" HDPE CONDUIT)		
SUM5024H	Install	1	724	SUM5024H - Conduit ((2) 4" HDPE CONDUIT)		
SUME490F4	Install	0	1	SUME490F4 (4" FG 90 48")		
SUME490S5	Install	0	2	SUME490S5 (4" RSC 90 60")		
SURS-ST	Install	1	20	SURS-ST (VERY DEEP SANDED PRIMARY TRENC)		
TG-24C	Install	0	1	TG-24C (25M DBL DOWN GUY, 2 RODS)		
TG-24C	Install	0	1	TG-24C (25M DBL DOWN GUY, 2 RODS)		
TM-ID	Install	0	1	TM-ID (34.5KV 3 PHASE DEADEND, 8' XARM)		
TUC7	Install	0	1	TUC7 (THREE PHASE SUB-TRANSMISSION TERMINAL PC		

Remarks:

**Structure: 15 REPEAT 0407**

Assembly Unit	Activity	#Cond	Qty	Unit Description	Complete	Qty
POLE60/H1	Remove	0	1	POLE60/H1 (POLE, 060 CLASS H1)		
SF7C	Remove	0	1	SF7C (ANCHOR, 7" CONCRETE)		
SF7C	Remove	0	1	SF7C (ANCHOR, 7" CONCRETE)		
TG-24C	Remove	0	1	TG-24C (25M DBL DOWN GUY, 2 RODS)		
TG-24C	Remove	0	1	TG-24C (25M DBL DOWN GUY, 2 RODS)		
TM-ID	Remove	0	1	TM-ID (34.5KV 3 PHASE DEADEND, 8' XARM)		

Remarks:

**Structure: 16 POLE 0409**

Assembly Unit	Activity	#Cond	Qty	Unit Description	Complete	Qty
266.8 ACSR	Remove	1	35	266.8 ACSR Wire (266.8 ACSR PARTRIDGE)		
POLE60/H1	Remove	0	1	POLE60/H1 (POLE, 060 CLASS H1)		
TC1-1	Remove	0	1	TC1-1 (34.5 KV 8' XARM DBL TANGENT)		

Remarks:

**Structure: 17 POLE 0417**

Assembly Unit	Activity	#Cond	Qty	Unit Description	Complete	Qty
266.8 ACSR	Remove	3	246	266.8 ACSR WIRE (266.8 ACSR PARTRIDGE)		
POLE60/H1	Remove	0	1	POLE60/H1 (POLE, 060 CLASS H1)		
TC1	Remove	0	1	TC1 (34.5 KV 8' XARM SINGLE TANGENT)		

Remarks:

**Structure: 18 POLE 0423**

Assembly Unit	Activity	#Cond	Qty	Unit Description	Complete	Qty
266.8 ACSR	Remove	3	180	266.8 ACSR WIRE (266.8 ACSR PARTRIDGE)		
POLE60/H1	Remove	0	1	POLE60/H1 (POLE, 060 CLASS H1)		
TC1	Remove	0	1	TC1 (34.5 KV 8' XARM SINGLE TANGENT)		

Remarks:

Chugach Electric Association 5601 Electron Drive Anchorage, AK 99518	Designer/Project Engineer _____ Date ____/____/____ Checker _____ Date ____/____/____ Manager/Supervisor _____ Date ____/____/____
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Project: E2320066

Design: 34.5 SUBTRANSMISSION LINE OH TO UG

In Design

34.5KV SUBTRANSMISSION LINE OH TO UG OLD SEWARD BY O'MALLEY

Grid:

**Structure: 19 POLE 0333**

Assembly Unit	Activity	#Cond	Qty	Unit Description	Complete	Qty
266.8 ACSR	Remove	3	255	266.8 ACSR WIRE (266.8 ACSR PARTRIDGE)		
POLE60/H1	Remove	0	1	POLE60/H1 (POLE, 060 CLASS H1)		
TC1	Remove	0	1	TC1 (34.5 KV 8' XARM SINGLE TANGENT)		

Remarks:

**Structure: 20 POLE 0343**

Assembly Unit	Activity	#Cond	Qty	Unit Description	Complete	Qty
266.8 ACSR	Remove	3	210	266.8 ACSR WIRE (266.8 ACSR PARTRIDGE)		
POLE60/H1	Remove	0	1	POLE60/H1 (POLE, 060 CLASS H1)		
TC1	Remove	0	1	TC1 (34.5 KV 8' XARM SINGLE TANGENT)		

Remarks:

**Structure: 21 POLE 0350**

Assembly Unit	Activity	#Cond	Qty	Unit Description	Complete	Qty
266.8 ACSR	Remove	3	210	266.8 ACSR WIRE (266.8 ACSR PARTRIDGE)		
POLE60/H1	Remove	0	1	POLE60/H1 (POLE, 060 CLASS H1)		
TC1	Remove	0	1	TC1 (34.5 KV 8' XARM SINGLE TANGENT)		
TC1-1	Remove	0	1	TC1-1 (34.5 KV 8' XARM DBL TANGENT)		

Remarks:

**Structure: 22 POLE 0750**

Assembly Unit	Activity	#Cond	Qty	Unit Description	Complete	Qty
266.8 ACSR	Remove	1	108	266.8 ACSR Wire (266.8 ACSR PARTRIDGE)		
POLE45/1	Remove	0	1	POLE45/1 (POLE, 045 CLASS 1)		
SF7C	Remove	0	1	SF7C (ANCHOR, 7' CONCRETE)		
TG-24C	Remove	0	1	TG-24C (25M DBL DOWN GUY, 2 RODS)		
TM-ID	Remove	0	1	TM-ID (34.5KV 3 PHASE DEADEND, 8' XARM)		

Remarks:

**Structure: 23 POLE 9750**

Assembly Unit	Activity	#Cond	Qty	Unit Description	Complete	Qty
266.8 ACSR	Remove	3	95	266.8 ACSR WIRE (266.8 ACSR PARTRIDGE)		
POLE60/H1	Remove	0	1	POLE60/H1 (POLE, 060 CLASS H1)		
SE15	Remove	0	1	SE15 (DOWN GUY, DBL. 32M)		
SF7C	Remove	0	1	SF7C (ANCHOR, 7' CONCRETE)		
TC1-1	Remove	0	1	TC1-1 (34.5 KV 8' XARM DBL TANGENT)		

Remarks:

**Structure: 24 POLE 9150**

Assembly Unit	Activity	#Cond	Qty	Unit Description	Complete	Qty
266.8 ACSR	Remove	3	170	266.8 ACSR WIRE (266.8 ACSR PARTRIDGE)		
POLE60/H1	Remove	0	1	POLE60/H1 (POLE, 060 CLASS H1)		
TC1-1	Remove	0	1	TC1-1 (34.5 KV 8' XARM DBL TANGENT)		

Remarks:

**Structure: 25 POLE 8350**

Assembly Unit	Activity	#Cond	Qty	Unit Description	Complete	Qty
266.8 ACSR	Remove	3	300	266.8 ACSR WIRE (266.8 ACSR PARTRIDGE)		
POLE60/H1	Remove	0	1	POLE60/H1 (POLE, 060 CLASS H1)		
TC1	Remove	0	1	TC1 (34.5 KV 8' XARM SINGLE TANGENT)		

Remarks:

**Structure: 26 POLE 7150**

Assembly Unit	Activity	#Cond	Qty	Unit Description	Complete	Qty
266.8 ACSR	Remove	3	266	266.8 ACSR WIRE (266.8 ACSR PARTRIDGE)		
POLE60/H1	Remove	0	1	POLE60/H1 (POLE, 060 CLASS H1)		
SF7C	Remove	0	1	SF7C (ANCHOR, 7' CONCRETE)		
TG-24C	Remove	0	1	TG-24C (25M DBL DOWN GUY, 2 RODS)		
TM-ID	Remove	0	1	TM-ID (34.5KV 3 PHASE DEADEND, 8' XARM)		

Remarks: -REPEAT TO POLE 0350.

Chugach Electric Association	Designer/Project Engineer	_____	Date	___/___/___
5601 Electron Drive	Checker	_____	Date	___/___/___
Anchorage, AK 99518	Manager/Supervisor	_____	Date	___/___/___

Project: E2320066

Design: 34.5 SUBTRANSMISSION LINE OH TO UG

In Design

34.5KV SUBTRANSMISSION LINE OH TO UG OLD SEWARD BY O'MALLEY

Grid:

**Structure: 27 POLE 0357**

<u>Assembly Unit</u>	<u>Activity</u>	<u>#Cond</u>	<u>Qty</u>	<u>Unit Description</u>	<u>Complete</u>	<u>Qty</u>
266.8 ACSR	Remove	3	225	266.8 ACSR WIRE (266.8 ACSR PARTRIDGE)		
POLE60/H1	Remove	0	1	POLE60/H1 (POLE, 060 CLASS H1)		
TC1	Remove	0	1	TC1 (34.5 KV 8' XARM SINGLE TANGENT)		

Remarks:

**Structure: 28 POLE 0362**

<u>Assembly Unit</u>	<u>Activity</u>	<u>#Cond</u>	<u>Qty</u>	<u>Unit Description</u>	<u>Complete</u>	<u>Qty</u>
266.8 ACSR	Remove	3	113	266.8 ACSR WIRE (266.8 ACSR PARTRIDGE)		
POLE60/H1	Remove	0	1	POLE60/H1 (POLE, 060 CLASS H1)		
TC1	Remove	0	1	TC1 (34.5 KV 8' XARM SINGLE TANGENT)		

Remarks:

**Structure: 29 POLE 0367**

<u>Assembly Unit</u>	<u>Activity</u>	<u>#Cond</u>	<u>Qty</u>	<u>Unit Description</u>	<u>Complete</u>	<u>Qty</u>
266.8 ACSR	Remove	3	150	266.8 ACSR WIRE (266.8 ACSR PARTRIDGE)		
POLE60/H1	Remove	0	1	POLE60/H1 (POLE, 060 CLASS H1)		
TC1	Remove	0	1	TC1 (34.5 KV 8' XARM SINGLE TANGENT)		

Remarks:

**Structure: 30 POLE 0374**

<u>Assembly Unit</u>	<u>Activity</u>	<u>#Cond</u>	<u>Qty</u>	<u>Unit Description</u>	<u>Complete</u>	<u>Qty</u>
266.8 ACSR	Remove	3	165	266.8 ACSR WIRE (266.8 ACSR PARTRIDGE)		
POLE60/H1	Remove	0	1	POLE60/H1 (POLE, 060 CLASS H1)		
TC1	Remove	0	1	TC1 (34.5 KV 8' XARM SINGLE TANGENT)		

Remarks:

**Structure: 31 POLE A20**

<u>Assembly Unit</u>	<u>Activity</u>	<u>#Cond</u>	<u>Qty</u>	<u>Unit Description</u>	<u>Complete</u>	<u>Qty</u>
266.8 ACSR	Remove	3	225	266.8 ACSR WIRE (266.8 ACSR PARTRIDGE)		
POLE60/H1	Remove	0	1	POLE60/H1 (POLE, 060 CLASS H1)		
TC1	Remove	0	1	TC1 (34.5 KV 8' XARM SINGLE TANGENT)		

Remarks:

**Structure: 32 POLE 0389**

<u>Assembly Unit</u>	<u>Activity</u>	<u>#Cond</u>	<u>Qty</u>	<u>Unit Description</u>	<u>Complete</u>	<u>Qty</u>
266.8 ACSR	Remove	3	210	266.8 ACSR WIRE (266.8 ACSR PARTRIDGE)		
POLE60/H1	Remove	0	1	POLE60/H1 (POLE, 060 CLASS H1)		
TC1	Remove	0	1	TC1 (34.5 KV 8' XARM SINGLE TANGENT)		

Remarks:

**Structure: 33 POLE 0301**

<u>Assembly Unit</u>	<u>Activity</u>	<u>#Cond</u>	<u>Qty</u>	<u>Unit Description</u>	<u>Complete</u>	<u>Qty</u>
266.8 ACSR	Remove	3	265	266.8 ACSR WIRE (266.8 ACSR PARTRIDGE)		
POLE60/H1	Remove	0	1	POLE60/H1 (POLE, 060 CLASS H1)		
TC1	Remove	0	1	TC1 (34.5 KV 8' XARM SINGLE TANGENT)		

Remarks:

**Structure: 34 POLE 0311**

<u>Assembly Unit</u>	<u>Activity</u>	<u>#Cond</u>	<u>Qty</u>	<u>Unit Description</u>	<u>Complete</u>	<u>Qty</u>
266.8 ACSR	Remove	3	265	266.8 ACSR WIRE (266.8 ACSR PARTRIDGE)		
POLE60/H1	Remove	0	1	POLE60/H1 (POLE, 060 CLASS H1)		
TC1	Remove	0	1	TC1 (34.5 KV 8' XARM SINGLE TANGENT)		

Remarks:

**Structure: 35 POLE 0319**

<u>Assembly Unit</u>	<u>Activity</u>	<u>#Cond</u>	<u>Qty</u>	<u>Unit Description</u>	<u>Complete</u>	<u>Qty</u>
266.8 ACSR	Remove	3	216	266.8 ACSR WIRE (266.8 ACSR PARTRIDGE)		
POLE60/H1	Remove	0	1	POLE60/H1 (POLE, 060 CLASS H1)		
TC1	Remove	0	1	TC1 (34.5 KV 8' XARM SINGLE TANGENT)		

Remarks:

Chugach Electric Association	Designer/Project Engineer	_____	Date	___/___/___
5601 Electron Drive	Checker	_____	Date	___/___/___
Anchorage, AK 99518	Manager/Supervisor	_____	Date	___/___/___

Project: E2320066

Design: 34.5 SUBTRANSMISSION LINE OH TO UG

In Design

34.5KV SUBTRANSMISSION LINE OH TO UG OLD SEWARD BY O'MALLEY

Grid:

**Structure: 36 POLE A15**

<u>Assembly Unit</u>	<u>Activity</u>	<u>#Cond</u>	<u>Qty</u>	<u>Unit Description</u>	<u>Complete</u>	<u>Qty</u>
266.8 ACSR	Remove	3	236	266.8 ACSR WIRE (266.8 ACSR PARTRIDGE)		
POLE60/H1	Remove	0	1	POLE60/H1 (POLE, 060 CLASS H1)		
TC1	Remove	0	1	TC1 (34.5 KV 8' XARM SINGLE TANGENT)		

Remarks:

**Structure: 37 POLE 0337**

<u>Assembly Unit</u>	<u>Activity</u>	<u>#Cond</u>	<u>Qty</u>	<u>Unit Description</u>	<u>Complete</u>	<u>Qty</u>
266.8 ACSR	Remove	3	250	266.8 ACSR WIRE (266.8 ACSR PARTRIDGE)		
POLE60/H1	Remove	0	1	POLE60/H1 (POLE, 060 CLASS H1)		
TC1	Remove	0	1	TC1 (34.5 KV 8' XARM SINGLE TANGENT)		

Remarks:

**Structure: 38 POLE 0344**

<u>Assembly Unit</u>	<u>Activity</u>	<u>#Cond</u>	<u>Qty</u>	<u>Unit Description</u>	<u>Complete</u>	<u>Qty</u>
266.8 ACSR	Remove	3	195	266.8 ACSR WIRE (266.8 ACSR PARTRIDGE)		
POLE60/H1	Remove	0	1	POLE60/H1 (POLE, 060 CLASS H1)		
TC1	Remove	0	1	TC1 (34.5 KV 8' XARM SINGLE TANGENT)		

Remarks:

**Structure: 39 POLE 0352**

<u>Assembly Unit</u>	<u>Activity</u>	<u>#Cond</u>	<u>Qty</u>	<u>Unit Description</u>	<u>Complete</u>	<u>Qty</u>
266.8 ACSR	Remove	3	220	266.8 ACSR WIRE (266.8 ACSR PARTRIDGE)		
POLE60/H1	Remove	0	1	POLE60/H1 (POLE, 060 CLASS H1)		
TC1	Remove	0	1	TC1 (34.5 KV 8' XARM SINGLE TANGENT)		

Remarks:

**Structure: 40 POLE 0362**

<u>Assembly Unit</u>	<u>Activity</u>	<u>#Cond</u>	<u>Qty</u>	<u>Unit Description</u>	<u>Complete</u>	<u>Qty</u>
266.8 ACSR	Remove	3	250	266.8 ACSR WIRE (266.8 ACSR PARTRIDGE)		
POLE60/H1	Remove	0	1	POLE60/H1 (POLE, 060 CLASS H1)		
TC1	Remove	0	1	TC1 (34.5 KV 8' XARM SINGLE TANGENT)		

Remarks:

**Structure: 41 POLE 0268**

<u>Assembly Unit</u>	<u>Activity</u>	<u>#Cond</u>	<u>Qty</u>	<u>Unit Description</u>	<u>Complete</u>	<u>Qty</u>
266.8 ACSR	Remove	3	163	266.8 ACSR WIRE (266.8 ACSR PARTRIDGE)		
POLE60/H1	Remove	0	1	POLE60/H1 (POLE, 060 CLASS H1)		
TC1	Remove	0	1	TC1 (34.5 KV 8' XARM SINGLE TANGENT)		

Remarks:

**Structure: 41A REPEAT 0274**

<u>Assembly Unit</u>	<u>Activity</u>	<u>#Cond</u>	<u>Qty</u>	<u>Unit Description</u>	<u>Complete</u>	<u>Qty</u>
266.8 ACSR	Remove	3	130	266.8 ACSR WIRE (266.8 ACSR PARTRIDGE)		
POLE60/H1	Remove	0	1	POLE60/H1 (POLE, 060 CLASS H1)		
TC1	Remove	0	1	TC1 (34.5 KV 8' XARM SINGLE TANGENT)		

Remarks:

**Structure: 41B REPEAT 0275**

<u>Assembly Unit</u>	<u>Activity</u>	<u>#Cond</u>	<u>Qty</u>	<u>Unit Description</u>	<u>Complete</u>	<u>Qty</u>
266.8 ACSR	Remove	3	31	266.8 ACSR WIRE (266.8 ACSR PARTRIDGE)		
POLE60/H1	Remove	0	1	POLE60/H1 (POLE, 060 CLASS H1)		
TM-ID	Remove	0	1	TM-1D (34.5KV 3 PHASE DEADEND, 8' XARM)		

Remarks:

**Structure: 42 POLE 0288**

<u>Assembly Unit</u>	<u>Activity</u>	<u>#Cond</u>	<u>Qty</u>	<u>Unit Description</u>	<u>Complete</u>	<u>Qty</u>
266.8 ACSR	Remove	3	333	266.8 ACSR WIRE (266.8 ACSR PARTRIDGE)		
POLE60/H1	Remove	0	1	POLE60/H1 (POLE, 060 CLASS H1)		
SE1-4	Remove	0	1	SE1-4 (DOWN GUY, SINGLE, 12.5M)		
SF4PL	Remove	0	1	SF4PL (ANCHOR, ROD TW EYE 1" X10")		
TC1-1	Remove	0	1	TC1-1 (34.5 KV 8' XARM DBL TANGENT)		

Chugach Electric Association	Designer/Project Engineer	_____	Date	___/___/___
5601 Electron Drive	Checker	_____	Date	___/___/___
Anchorage, AK 99518	Manager/Supervisor	_____	Date	___/___/___

Project: E2320066

Design: 34.5 SUBTRANSMISSION LINE OH TO UG

In Design

34.5KV SUBTRANSMISSION LINE OH TO UG OLD SEWARD BY O'MALLEY

Grid:

Remarks:

**Structure: 43 POLE A9**

Assembly Unit	Activity	#Cond	Qty	Unit Description	Complete	Qty
266.8 ACSR	Remove	3	373	266.8 ACSR WIRE (266.8 ACSR PARTRIDGE)		
POLE60/H1	Remove	0	1	POLE60/H1 (POLE, 060 CLASS H1)		
TC1-1	Remove	0	1	TC1-1 (34.5 KV 8' XARM DBL TANGENT)		

Remarks:

**Structure: 44 POLE 0210**

Assembly Unit	Activity	#Cond	Qty	Unit Description	Complete	Qty
266.8 ACSR	Remove	3	226	266.8 ACSR WIRE (266.8 ACSR PARTRIDGE)		
POLE60/H1	Remove	0	1	POLE60/H1 (POLE, 060 CLASS H1)		
TC1-1	Remove	0	1	TC1-1 (34.5 KV 8' XARM DBL TANGENT)		

Remarks:

**Structure: 45 POLE 0220**

Assembly Unit	Activity	#Cond	Qty	Unit Description	Complete	Qty
266.8 ACSR	Remove	3	308	266.8 ACSR WIRE (266.8 ACSR PARTRIDGE)		
POLE60/H1	Remove	0	1	POLE60/H1 (POLE, 060 CLASS H1)		
TC1-1	Remove	0	1	TC1-1 (34.5 KV 8' XARM DBL TANGENT)		

Remarks:

**Structure: 46 POLE 0231**

Assembly Unit	Activity	#Cond	Qty	Unit Description	Complete	Qty
266.8 ACSR	Remove	3	235	266.8 ACSR WIRE (266.8 ACSR PARTRIDGE)		
POLE60/H1	Remove	0	1	POLE60/H1 (POLE, 060 CLASS H1)		
TC1-1	Remove	0	1	TC1-1 (34.5 KV 8' XARM DBL TANGENT)		

Remarks:

**Structure: 47 POLE 0241**

Assembly Unit	Activity	#Cond	Qty	Unit Description	Complete	Qty
266.8 ACSR	Remove	3	262	266.8 ACSR WIRE (266.8 ACSR PARTRIDGE)		
POLE60/H1	Remove	0	1	POLE60/H1 (POLE, 060 CLASS H1)		
TC1-1	Remove	0	1	TC1-1 (34.5 KV 8' XARM DBL TANGENT)		

Remarks:

**Structure: 48 POLE 9641**

Assembly Unit	Activity	#Cond	Qty	Unit Description	Complete	Qty
POLE35/5	Remove	0	1	POLE35/5 (POLE, 035 CLASS 5)		
SE1-5	Remove	0	1	SE1-5 (DOWN GUY, SINGLE, 16M)		
SE1-5	Remove	0	1	SE1-5 (DOWN GUY, SINGLE, 16M)		
SE2-5 Material	Remove	0	1	SE2-5 (SPAN GUY, SINGLE, 16M)		
SE2-5 Material	Remove	0	1	SE2-5 (SPAN GUY, SINGLE, 16M)		
SF4P	Remove	0	1	SF4P (ANCHOR,PLATE,16M, 3/4" X 8' RO)		
SF4P	Remove	0	1	SF4P (ANCHOR,PLATE,16M, 3/4" X 8' RO)		

Remarks:

**Structure: 49 POLE 0248**

Assembly Unit	Activity	#Cond	Qty	Unit Description	Complete	Qty
266.8 ACSR	Remove	3	185	266.8 ACSR WIRE (266.8 ACSR PARTRIDGE)		
POLE60/H1	Remove	0	1	POLE60/H1 (POLE, 060 CLASS H1)		
TC1	Remove	0	1	TC1 (34.5 KV 8' XARM SINGLE TANGENT)		

Remarks:

**Structure: 50 POLE 0251**

Assembly Unit	Activity	#Cond	Qty	Unit Description	Complete	Qty
266.8 ACSR	Remove	3	106	266.8 ACSR WIRE (266.8 ACSR PARTRIDGE)		
POLE60/H1	Remove	0	1	POLE60/H1 (POLE, 060 CLASS H1)		
TC1	Remove	0	1	TC1 (34.5 KV 8' XARM SINGLE TANGENT)		

Remarks:

**Structure: 51 POLE 0360**

Assembly Unit	Activity	#Cond	Qty	Unit Description	Complete	Qty
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Chugach Electric Association	Designer/Project Engineer	_____	Date	___/___/___
5601 Electron Drive	Checker	_____	Date	___/___/___
Anchorage, AK 99518	Manager/Supervisor	_____	Date	___/___/___

Project: E2320066

Design: 34.5 SUBTRANSMISSION LINE OH TO UG

In Design

34.5KV SUBTRANSMISSION LINE OH TO UG OLD SEWARD BY O'MALLEY

Grid:

Structure: 51 POLE 0360

<u>Assembly Unit</u>	<u>Activity</u>	<u>#Cond</u>	<u>Qty</u>	<u>Unit Description</u>	<u>Complete</u>	<u>Qty</u>
266.8 ACSR	Remove	3	254	266.8 ACSR WIRE (266.8 ACSR PARTRIDGE)		
POLE60/H1	Remove	0	1	POLE60/H1 (POLE, 060 CLASS H1)		
SE1-5	Remove	0	1	SE1-5 (DOWN GUY, SINGLE, 16M)		
SF4PL	Remove	0	1	SF4PL (ANCHOR, ROD TW EYE 1" X10')		
TC1-1	Remove	0	1	TC1-1 (34.5 KV 8' XARM DBL TANGENT)		

Remarks:

Structure: 52 REPEAT A3

<u>Assembly Unit</u>	<u>Activity</u>	<u>#Cond</u>	<u>Qty</u>	<u>Unit Description</u>	<u>Complete</u>	<u>Qty</u>
266.8 ACSR	Remove	3	312	266.8 ACSR WIRE (266.8 ACSR PARTRIDGE)		
TC1	Remove	0	1	TC1 (34.5 KV 8' XARM SINGLE TANGENT)		
POLE60/H1	Existing	0	1	POLE60/H1 (POLE, 060 CLASS H1)		

Remarks:

MATERIAL ISSUE TICKET

Project : E2320066

34.5KV SUBTRANSMISSION LINE OH TO UG OLD SEW **In Design**

Work Request: E2320066

Capital Account: 10725/000/03/7665  
 Reimbursible Account: / / /  
 Retirement Account: 10880/326/03/7665

Design : 34.5  
 SUBTRANSMISSIO  
 N LINE OH TO UG

Description	Part Number	Quantity Orderd	Issued
<b>Inventory</b>			
ANCHOR, CONCRETE 7FT (FAI-7X)	000000053	2	_____
DEAD-END, TEE (HUGHES 2817)	000000155	4	_____
POLE, BRACE CROSSARM 60" WOOD	000000315	4	_____
FASTENER, BRACKET CONDUIT STANDOFF	000000322	5	_____
FASTENER, BRACKET CONDUIT STANDOFF W/BRACE	000000323	1	_____
WIRE, CU SDB #0006 SOL	000000374	50	_____
WIRE, CU SDB #02 STR	000000376	15	_____
WIRE, CU SDB #2/0 STR (19 STR.)	000000377	55	_____
WIRE, CU SDB #4/0 STR (19 STR.)	000000378	450	_____
GUY, CLAMP 3-BOLT	000000799	2	_____
DEAD-END, COMP D.E. ASS'Y 266 ACSR PARTRIDGE	000000832	3	_____
DEAD-END, PREFORM 25M ALUMOWELD	000000876	8	_____
CLEVIS, SWINGING 3"	000000950	1	_____
ANCHOR, SHACKLE (2) 5/8"	000000957	4	_____
CONNECTOR, COMP CRIMPIT "C" CU 2/O-2	000001493	6	_____
CONNECTOR, COMP CRIMPIT "C" CU 2/O-2/O	000001494	1	_____
CONNECTOR, COMP CRIMPIT "C" CU 4/O-006	000001495	3	_____
FASTENER, CLAMP GROUND ROD 3/4"	000001532	2	_____
CONNECTOR, CONNECTOR STUD DISCONNECT 336.4 LINNET	000001567	3	_____
POLE, CROSSARM DOUBLE D.E. ASS'Y 8' 3 WIRE	000001618	1	_____
POLE, CROSSARM TRANS 10' 4 5/8" X 5 5/8"	000001622	3	_____
LINE, GAIN GRID 04" X 04"	000002512	4	_____
GUY, GUARD PLASTIC	000002750	4	_____
CLEVIS, SPOOL 3"	000003311	1	_____
INSULATOR, DEAD END EPOX 34.5KV	000003317	3	_____
ANCHOR, ROD NUT TWIN EYE 3/4" & 1"	000003718	4	_____
ANCHOR, ROD TW EYE 1" X 10'	000004049	4	_____
LINE, GROUND ROD 3/4" X 8'	000004067	2	_____
CONDUIT, FG EL 90 DEGREE 4" 48" RADI	000004169	1	_____
CONDUIT, FG EL 90 DEGREE 4" 60" RADI	000004170	2	_____
CONDUIT, CHANNEL PIPE STRAP 4"	000004241	20	_____
ANCHOR, ROD WASHER SQ 4" X 4" X 1 1/8"	000005115	4	_____
GUY, WIRE GUY 25M ALUMOWELD	000005158	150	_____
SUBSTATION, PADDLE 2 HOLE 4/0 CU	000005327	6	_____
CONDUIT, HDPE 4"	000011877	31,148	_____
CONDUIT, PLUG, BLANK, 4"	000012319	1	_____
CONDUIT, PLUG, SIMPLEX (1000 35KV SHLD), 4" DUCT	000012321	3	_____
KIT, PRIMARY TERM 35KV 1000 MCM, SHLD, CU, 420MIL HEATSHRINK	000014507	1	_____
GUY, STRAIN INSULATOR 18" CLEVIS EYE W/ ROLLER	000015058	1	_____
GUY, ATTACHMENT CONNECTING LINK, TWISTED	000015244	4	_____
GUY, ATTACHMENT ROLLER	000015246	4	_____
CONDUIT, HDPE 1-1/2"	000015389	7,803	_____
KIT, PRIMARY TERM SUPPORT BRACKET 35KV 1000 MCM, SHLD, CU,	000015860	3	_____
WIRE, CU SHLD 35KV 1000MCM EPR .420MIL (ON STEEL REEL)	000016219	24,768	_____
Cable Rack, Stanchion, Underground Devices CR12-B	000017446	216	_____
Cable Rack, 8", Underground Devices RA08	000017447	216	_____

Control Number \_\_\_\_\_

Legal Description \_\_\_\_\_

Charge for Materials Yes \_\_\_ No \_\_\_ Sale \_\_\_

P.O. No. \_\_\_\_\_

Issued By \_\_\_\_\_ Received By \_\_\_\_\_

Date \_\_\_/\_\_\_/\_\_\_

Contractor \_\_\_\_\_

Special Notes:

MATERIAL ISSUE TICKET

Project : E2320066

34.5KV SUBTRANSMISSION LINE OH TO UG OLD SEW **In Design**

Work Request: E2320066

Capital Account: 10725/000/03/7665

Design : 34.5

Reimbursible Account: / / /

SUBTRANSMISSIO

Retirement Account: 10880/326/03/7665

N LINE OH TO UG

Description	Part Number	Quantity Orderd	Issued
Concrete Anchor, 303 stainless steel, 1/2-13	0000017451	216	_____
Washer, 1-1/4 round, flat, 9/16" hole, 316 stainless	0000017452	216	_____
Bolt, Cap Screw, 1/2"-13 x 1-3/8, 316 stainless steel	0000017453	216	_____
Pull Vault, manhole cover, UV 57-CLX-42C (1350 lbs.)	0000017590	12	_____
Pull Vault, riser, UV 814-48R-UFER (1380 lbs.)	0000017591	12	_____
Pull Vault, base, UV 814-SB-UFER (18000 lbs.)	0000017592	6	_____
Pull Vault, top section, UV 814-TEE-CLS (7060 lbs.)	0000017593	6	_____
Pull Vault, cover, UV 57-CLX-42S (2300 lbs)	0000017594	6	_____
Pull Vault, 6 Riser UV 4206	0000017595	12	_____
Frame Vault, manhole, UV 4240-HD (680 lbs.)	0000017596	12	_____
Cover, manhole, UV 4220-S (600 lbs.)	0000017597	12	_____
Pull Vault, 4 Riser UV 4204	0000017712	12	_____
ARRESTER,SURGE 34.5KV	0000018950	3	_____
CONNECTOR, PADDLE SHEAR BOLT 1000 MCM	0000018960	3	_____
CONDUIT, FG 4"	0000019879	160	_____
SPLICE, 35kv 750-1000 HEAT SHRINK KIT W/ JACKET REPAIR	M31850	27	_____
<b>Non-Inventory</b>			
CABLE BEDDING	0000010563	50	_____
CONN COMP H TAP SIZE AS REQ	0000010584	4	_____

Remarks:

Control Number \_\_\_\_\_

Legal Description \_\_\_\_\_

Charge for Materials Yes \_\_\_ No \_\_\_ Sale \_\_\_

P.O. No. \_\_\_\_\_

Issued By \_\_\_\_\_ Received By \_\_\_\_\_

Date \_\_\_\_/\_\_\_\_/\_\_\_\_

Contractor \_\_\_\_\_

Special Notes:

MATERIAL RETIREMENT TICKET

Project : E2320066  
Work Request: E2320066

34.5KV SUBTRANSMISSION LINE OH TO UG OLD SEW **In Design**

Design : 34.5

Capital Account: 10725/000/03/7665  
Reimbursible Account: / / /  
Retirement Account: 10880/326/03/7665

SUBTRANSMISSION  
LINE OH TO UG

<u>Description</u>	<u>Part Number</u>	<u>Qty. Retired</u>	<u>Retired</u>
CROSSARM DOUBLE D.E. ASS'Y 8' 3 WIRE	0000001618	4	_____
CROSSARM TRANS 08' 4 1/8" X 5 1/8"	0000001621	47	_____
CROSSARM TRANS 10' 4 5/8" X 5 5/8"	0000001622	9	_____
GROUND ROD 3/4" X 8'	0000004067	6	_____
WIRE, CU SHLD 35KV 1000MCM EPR	0000016219	2,071	_____
TUC7 (THREE PHASE SUB-TRANSMISSION	0000018950	9	_____

Remarks:

Control Number \_\_\_\_\_

Legal Description \_\_\_\_\_

Charge for Materials Yes \_\_\_ No \_\_\_ Sale \_\_\_ P.O. No. \_\_\_\_\_

Issued By \_\_\_\_\_ Received By \_\_\_\_\_ Date \_\_\_\_/\_\_\_\_/\_\_\_\_

Contractor \_\_\_\_\_

Special Notes:



## Brad Jackson

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**From:** peoplesoft@chugachelectric.com  
**Sent:** Saturday, April 29, 2023 5:11 PM  
**To:** Vladimir Krivonosov  
**Cc:** Warehouse Order Notification  
**Subject:** SOUTH District / INOAC, ArcFM Designer Order Submitted: DSN10085\_4

**SOUTH District / INOAC**, Order DSN10085\_4 submitted on 29-APR-23 by VLADIMIR.

Account: 10725-000-03-7665

Project: E2320066-GENERAL

Number of Lines: 61

[Open Order in PeopleSoft](#)

Order	Line	Item	Qty	UOM	Descr
DSN10085_4	1	0000000053	2	EA	ANCHOR, CONCRETE 7FT (FAI-7X)
DSN10085_4	2	0000000155	4	EA	DEAD-END, TEE (HUGHES 2817)
DSN10085_4	3	0000000315	4	EA	POLE, BRACE CROSSARM 60" WOOD
DSN10085_4	4	0000000322	5	EA	FASTENER, BRACKET CONDUIT STANDOFF
DSN10085_4	5	0000000323	1	EA	FASTENER, BRACKET CONDUIT STANDOFF W/BRACE
DSN10085_4	6	0000000374	50	EA	WIRE, CU SDB #0006 SOL
DSN10085_4	7	0000000376	15	EA	WIRE, CU SDB #02 STR
DSN10085_4	8	0000000377	55	EA	WIRE, CU SDB #2/0 STR (19 STR.)
DSN10085_4	9	0000000378	450	EA	WIRE, CU SDB #4/0 STR (19 STR.)
DSN10085_4	10	0000000799	2	EA	GUY, CLAMP 3-BOLT
DSN10085_4	11	0000000832	3	EA	DEAD-END, COMP D.E. ASS'Y 266 ACSR PARTRIDGE
DSN10085_4	12	0000000876	8	EA	DEAD-END, PREFORM 25M ALUMOWELD
DSN10085_4	13	0000000950	1	EA	CLEVIS, SWINGING 3"
DSN10085_4	14	0000000957	4	EA	ANCHOR, SHACKLE (2) 5/8"
DSN10085_4	15	0000001493	6	EA	CONNECTOR, COMP CRIMPIT "C" CU 2/O-2
DSN10085_4	16	0000001494	1	EA	CONNECTOR, COMP CRIMPIT "C" CU 2/O-2/O
DSN10085_4	17	0000001495	3	EA	CONNECTOR, COMP CRIMPIT "C" CU 4/O-006
DSN10085_4	18	0000001532	2	EA	FASTENER, CLAMP GROUND ROD 3/4"
DSN10085_4	19	0000001567	3	EA	CONNECTOR, CONNECTOR STUD DISCONNECT 336.4 LINNET
DSN10085_4	20	0000001618	1	EA	POLE, CROSSARM GUYED DOUBLE D.E. ASS'Y 336 8'
DSN10085_4	21	0000001622	3	EA	POLE, CROSSARM TRANS 10' 4 5/8" X 5 5/8"
DSN10085_4	22	0000002512	4	EA	LINE, GAIN GRID 04" X 04"
DSN10085_4	23	0000002750	4	EA	GUY, GUARD PLASTIC
DSN10085_4	24	0000003311	1	EA	CLEVIS, SPOOL 3"
DSN10085_4	25	0000003317	3	EA	INSULATOR, DEAD END EPOX 34.5KV
DSN10085_4	26	0000003718	4	EA	ANCHOR, ROD NUT TWIN EYE 3/4" & 1"

DSN10085_4	27	0000004049	4	EA	ANCHOR, ROD TW EYE 1" X 10'
DSN10085_4	28	0000004067	2	EA	LINE, GROUND ROD 3/4" X 8'
DSN10085_4	29	0000004169	1	EA	CONDUIT, FIBERGLASS ELBOW 90 DEGREE 4" 48" RADIUS
DSN10085_4	30	0000004170	2	EA	CONDUIT, FIBERGLASS ELBOW 90 DEGREE 4" 60" RADIUS
DSN10085_4	31	0000004241	20	EA	CONDUIT, CHANNEL PIPE STRAP 4"
DSN10085_4	32	0000005115	4	EA	ANCHOR, ROD WASHER SQ 4" X 4" X 1 1/8"
DSN10085_4	33	0000005158	150	EA	GUY, WIRE GUY 25M ALUMOWELD
DSN10085_4	34	0000005327	6	EA	SUBSTATION, PADDLE 2 HOLE 4/0 CU
DSN10085_4	35	0000011877	31148	EA	CONDUIT, HDPE 4" (40 FT STICK)
DSN10085_4	36	0000012319	1	EA	CONDUIT, PLUG, BLANK, 4"
DSN10085_4	37	0000012321	3	EA	CONDUIT, PLUG, SIMPLEX (1000 35KV SHLD), 4" DUCT
DSN10085_4	38	0000014507	1	EA	KIT, PRIMARY TERM 35KV 1000 MCM, SHLD, CU, 420MIL
DSN10085_4	39	0000015058	1	EA	GUY, STRAIN INSULATOR 18" CLEVIS EYE W/ ROLLER
DSN10085_4	40	0000015244	4	EA	GUY, ATTACHMENT CONNECTING LINK, TWISTED
DSN10085_4	41	0000015246	4	EA	GUY, ATTACHMENT ROLLER
DSN10085_4	42	0000015389	7803	EA	CONDUIT, HDPE 1-1/2"
DSN10085_4	43	0000015860	3	EA	KIT, PRIMARY TERM SUPPORT BRACKET35KV 1000 MCM, SH
DSN10085_4	44	0000016219	24768	EA	WIRE, CU SHLD 35KV 1000MCM EPR .420MIL (ON STEEL R
DSN10085_4	45	0000017446	216	EA	FIBERGLASS CABLE SUPPORT STANCHION
DSN10085_4	46	0000017447	216	EA	FIBERGLASS CABLE SUPPORT ARMS
DSN10085_4	47	0000017451	216	EA	CONCRETE ANCHOR 1/2" "STAINLESS STEEL"
DSN10085_4	48	0000017452	216	EA	WASHER, CONCRETE ANCHOR 1/2" STAINLESS STEEL FLAT
DSN10085_4	49	0000017453	216	EA	BOLT, CONCRETE ANCHOR 1/2"
DSN10085_4	50	0000017590	12	EA	VAULT COVER, 814 MANHOLE COVER CENTER HOLE
DSN10085_4	51	0000017591	12	EA	VAULT CONCRETE, 814LA-48-UFER, CENTER, 4' SUBTRANS
DSN10085_4	52	0000017592	6	EA	VAULT CONCRETE, 814 BASE- UFER, SUBTRANSMISSION
DSN10085_4	53	0000017593	6	EA	VAULT CONCRETE, 814 "TEE" TOP
DSN10085_4	54	0000017594	6	EA	VAULT COVER, 814 MANHOLE COVER OFFSET HOLE
DSN10085_4	55	0000017595	12	EA	VAULT CONCRETE, RISER 6-INCH PULL VAULT 810/814
DSN10085_4	56	0000017596	12	EA	VAULT COVER IRON MANHOLE FRAME, 42-INCH OD, 810/81
DSN10085_4	57	0000017597	12	EA	VAULT MANHOLE COVER, 42-INCH OD IRON, 810/814
DSN10085_4	58	0000017712	12	EA	VAULT CONCRETE, RISER 4-INCH PULL VAULT 810/814
DSN10085_4	59	0000018950	3	EA	ARRESTER, SURGE 34.5KV
DSN10085_4	60	0000018960	3	EA	CONNECTOR, PADDLE SHEAR BOLT 1000 MCM
DSN10085_4	61	0000019879	160	EA	CONDUIT, FIBERGLASS 4" 10' LENGTHS