

**In Construction**

**BIDSHEET**

for

**PROJECT : E2114061  
Taxiway Z West Ph I Relo-SOA**

**Work Request: E2114061**  
**Design No.: Taxiway Z West Ph I Relo SOA**  
**Capital Account: 10729/000/03/7665**  
**Reimbursible Account: / / /**  
**Retirement Account: 10880/326/03/7665**  
**Work Plan No:**  
**Project Type: Relocation-Agency**

Reviewed by Designer/Project Engineer:  Date: 3/22/23

Moritz Salvanera

Reviewed by Supervisor/Manager:  Date: 6/7/23

Supervisor

**Remarks:**

**In Construction**

**Project: E2114061**  
Taxiway Z West Ph I Relo-SOA

Contractor: \_\_\_\_\_

Assembly Unit	Proposed Quantity	Actual Quantity	Labor	Material	Labor & Material	Extended Labor & Material
1/0 CONC	4.939					
750 CONC 15KV	12.099					
BORE	3.193					
CLEAN CNDT	2.234					
MANHOURS	100.000					
SHUR2-5	0.185					
STAG-2	3.000					
SUM1-CA	1.000					
SUM1F	2.000					
SUM3-9	1.000					
SUM5014H	0.975					
SUM5022H	2.465					
SUM5024H	1.950					
SUM5026H	4.033					
SUM6-15	1.000					
SUM6-1C 1 PH	4.000					
SUM6-25C 1 PH	2.000					
SUM6-25F 3 PH	5.000					
SUM6-28C 1 PH	2.000					
SUM6-28F 3 PH	2.000					
SUM6-36A	3.000					
SUM6-4EL	1.000					
SUM6-6	2.000					
SUME645F5	10.000					
SUMV-1	8.000					
SUPB-675	1.000					
SUR2-5	0.082					
SURL	1.000					
SWPPP-BP	1.000					
Traffic Control	1.000					
* 1/0 CONC	4.524					

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

**In Construction**

**Project: E2114061**  
 Taxiway Z West Ph I Relo-SOA

Contractor: \_\_\_\_\_

Assembly Unit	Proposed Quantity	Actual Quantity	Labor	Material	Labor & Material	Extended Labor & Material
* 750 CONC 15KV	2.400					
* STAG-2	3.000					
* SUM1C	1.000					
* SUM1-CA	1.000					
* SUM1F	2.000					
* SUM3-9	1.000					
* SUM3A	1.000					
* SUM6-1C 1 PH	5.000					
* SUM6-25C 1 PH	3.000					
* SUM6-25F 3 PH	5.000					
* SUM6-28C 1 PH	1.000					
* SUM6-36A	4.000					
* SUM6-6	1.000					
* SUME645S5	2.000					
* 750 CONC 15KV	8.205					
* SUM5022H	1.170					
* SUM5026P	0.800					

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

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# RIGHT-OF-WAY REPORT

WORK ORDER NO. E2114061

DATE: June 8, 2023

SUBJECT: Phase I, ANC Taxiway Z West Improvement Project  
State of Alaska DOTPF Project No.: CFAPT00465  
GDS 2022 & 2023, Sections 21 and 28, and 32-35, T13N, R4W, S.M., Alaska

**An "X" in the enclosed parenthesis below indicates the listed requirement has been obtained; the enclosed parenthesis without an "X" indicates the listed requirement has not been obtained as of the date of this report.**

## **Easement Rights:**

- (X) 1. Dedicated by Record of Survey (2009-26, Sheet 7)
- (X) 2. CEA specific (Authorized by The Chief Procurement Branch of Government 4/21/1953.)

## **Permits:**

- (X) 1. SOA Utility Agreement No.: 1-CFAPT00465-22-22
- ( ) 2. Alaska DOTPF Utility Permit application will be submitted at completion of construction with stamped as-built drawings.
- (X) 3. No Wetlands Permits are required. The designer did not identify any construction activity in standing or running water.

## **Clearing:**

- (X) 1. The designer did not identify any clearing.



Lorraine A. Lehman  
Right-of-Way Agent I

**In Construction  
STAKING SHEET**

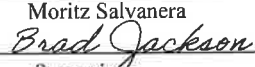
for

**PROJECT: E2114061**

**Taxiway Z West Ph I Relo-SOA**

**Work Request:** E2114061  
**Design:** Taxiway Z West Ph I Relo SOA  
**Capital Account:** 10729/000/03/7665  
**Reimbursible Account:** / / /  
**Retirement Account:** 10880/326/03/7665  
**Work Plan No:**  
**Project Type:** Relocation-Agency  
**Work Order Number:**

Reviewed by Designer/Project Engineer:  Date: 3/22/23

Reviewed by Supervisor/Manager:   
Supervisor Date: 6/7/23

**Remarks:**

- MAJORITY OF WORK FOR THIS PROJECT IS LOCATED INSIDE THE TSAIA SECURE AREA. ALL WORKERS ARE TO BE BADGED OR HAVE A VISITOR BADGE WITH AN ESCORT WHILE ON SITE. THIS IS THE RESPONSIBILITY OF THE CONTRACTOR.
- ALL WORK IS TO TAKE PLACE OUTSIDE OF THE RUNWAY OBJECT FREE AREA (ROFA).
- NOTIFY AIRPORT OPERATIONS WHEN ON SITE TO ENSURE CLEARANCE.
- WORK WILL BE IN CONCURRENCE WITH DOT'S CSPP PHASE SCHEDULE.
- COORDINATE ALL WORK WITH DOT AND IT'S CONTRACTOR. CONSTRUCTION STAGING AREA, & MATERIAL STOCKPILES SHALL BE DESIGNATED AND WILL BE DETERMINED WITH DOT IN ADVANCE.
- EXCAVATION WORK, EXCAVATION MATERIALS STOCKPILES, AND DISPOSAL LOCATED WITHIN OR OUTSIDE THE PFAS CONTAMINATION ZONE SHALL BE IN ACCORDANCE WITH THE SWPPP AND SPECIFICATIONS SET BY ADEC. SWPPP TO BE COVERED UNDER AKDOT SWPPP
- DOT CONSTRUCTION PLAN SET IS PROVIDED AND TO BE USED AS REFERENCE FOR THIS PROJECT.
- LANDSCAPING, PAVEMENT RESTORATION, & CLEARING WITHIN THE DOT PROJECT SCOPE LIMITS WILL BE DOT CONTRACTOR'S RESPONSIBILITY.
- PERMITS WILL BE COVERED BY AKDOT.

Chugach Electric Association 5601 Electron Drive Anchorage, AK 99518  Designer _____ Date ____/____/____ Checker _____ Date ____/____/____ Manager _____ Date ____/____/____	
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Project: E2114061 Design: Taxiway Z West Ph I Relo SOA

In Construction

Taxiway Z West Ph I Relo-SOA

Grid:  
1923,2022,1924,2023,202  
4,1922

Structure: 00. GENERAL

Assembly Unit	Activity	#Cond	Qty	Unit Description	Complete	Qty
MANHOURS	Install	0	100	MANHOURS (MANHOUR OF LABOR)		
SURL	Install	0	1	SURL (LANDSCAPING)		
SWPPP-BP	Install	0	1	SWPPP-BP (STORM WATER PLAN - BP)		
Traffic Control	Install	0	1	Traffic Control (Traffic Control)		

Remarks: - MANHOURS ARE AT INSPECTOR'S DISCRETION & FOR CPEP INSTALLATION.  
- SURL, TRAFFIC CONTROL, AND SWPPP-BP TO COVER WORK LOCATIONS OUTSIDE THE DOT REIMBURSABLE PROJECT SCOPE.

Structure: 01. SC 1185 (SC 603)

Assembly Unit	Activity	#Cond	Qty	Unit Description	Complete	Qty
SHUR2-5	Install	1	20	SHUR2-5 (PRIMARY TRENCH HAND -DIG)		
SUM1F	Install	0	1	SUM1F (CONCRETE PAD 600 A SWITCH CAB.)		
SUM3-9	Install	0	1	SUM3-9 (600 A SC 2 FUSES 2 SWITCHES)		
SUM6-25C 1 PH	Install	0	1	SUM6-25C (1/0 PRIMARY TERMINATION)		
SUM6-25C 1 PH	Install	0	1	SUM6-25C (1/0 PRIMARY TERMINATION)		
SUM6-25F 3 PH	Install	0	1	SUM6-25F (750 MCM PRIMARY TERMINATION)		
SUM6-25F 3 PH	Install	0	1	SUM6-25F (750 MCM PRIMARY TERMINATION)		
SUM6-36A	Install	0	1	SUM6-36A (FUSE, S&C END FITTING SML-20)		
SUM6-36A	Install	0	1	SUM6-36A (FUSE, S&C END FITTING SML-20)		
SUM6-4EL	Install	0	1	3-PH UG CURNT RESET FI, 600A TRIP		
SUME645F5	Install	0	2	SUME645F5 (6" FG 45 60")		
SUM1F	Remove	0	1	SUM1F (CONCRETE PAD 600 A SWITCH CAB.)		
SUM3-9	Remove	0	1	SUM3-9 (600 A SC 2 FUSES 2 SWITCHES)		
SUM6-25C 1 PH	Remove	0	1	SUM6-25C (1/0 PRIMARY TERMINATION)		
SUM6-25C 1 PH	Remove	0	1	SUM6-25C (1/0 PRIMARY TERMINATION)		
SUM6-25C 1 PH	Remove	0	1	SUM6-25C (1/0 PRIMARY TERMINATION)		
SUM6-25F 3 PH	Remove	0	1	SUM6-25F (750 MCM PRIMARY TERMINATION)		
SUM6-25F 3 PH	Remove	0	1	SUM6-25F (750 MCM PRIMARY TERMINATION)		
SUM6-36A	Remove	0	1	SUM6-36A (FUSE, S&C END FITTING SML-20)		
SUM6-36A	Remove	0	1	SUM6-36A (FUSE, S&C END FITTING SML-20)		
SUM6-36A	Remove	0	1	SUM6-36A (FUSE, S&C END FITTING SML-20)		

Remarks: - FUSE AT 40E, PLACE FUSE HOLDER IN SPARE COMP. FOR N.O.  
- RELOCATE NEW SC 603 WEST OF EXISTING LOCATION.  
- HAND DIG PROVIDED TO DIG DOWN & LOCATE THE 750 CONC DIRECT BURIED GOING BACK TO SC 1094 & RE-TERMINATE.  
- SWITCH CABINET DOORS OPEN EAST/WEST.  
- INSTALL FAULT INDICATOR IN COMP 1.  
- SEE SWITCH CABINET DIAGRAM FOR TERMINATION DETAILS.

Structure: 02. SC 1094

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: - RE-TAG PRIMARY GOING TO SC 1185

Structure: 03. PM 1593

Assembly Unit	Activity	#Cond	Qty	Unit Description	Complete	Qty
1/0 CONC	Install	1	794	1/0 CONC Wire (1/0 CONCENTRIC PRIMARY)		
CLEAN CNDT	Install	1	794	CLEAN CNDT (MANDREL & SWAB)		
SHUR2-5	Install	1	50	SHUR2-5 (PRIMARY TRENCH HAND -DIG)		
SUM6-1C 1 PH	Install	0	1	SUM6-1C (1/0 LB ELBOW TERMINATION-15KV)		
1/0 CONC	Remove	1	844	1/0 CONC Wire (1/0 CONCENTRIC PRIMARY)		
SUM6-1C 1 PH	Remove	0	1	SUM6-1C (1/0 LB ELBOW TERMINATION-15KV)		
SUM5022H	Abandon	1	50	SUM5022H - Conduit ((2) 2" HDPE CONDUIT)		
SUM5022H	Existing	1	794	SUM5022H - Conduit ((2) 2" HDPE CONDUIT)		

Remarks: - PULL AND REMOVE 1/0 CONC FROM EXISTING CONDUIT RUN.  
- HAND DIG PROVIDED TO EXPOSE (2) 2" HDPE AND RE-ROUTE INTO NEW SC 603 LOCATION.  
- INSTALL NEW 1/0 CONC.

\*\*\*\*\*RETURN TO SC 603\*\*\*\*\*

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

Project: E2114061

Design: Taxiway Z West Ph I Relo SOA

In Construction

Taxiway Z West Ph I Relo-SOA

Grid:  
1923, 2022, 1924, 2023, 202  
4, 1922

**Structure: 04. PP1005 (JB 1005)**

Assembly Unit	Activity	#Cond	Qty	Unit Description	Complete	Qty
1/0 CONC	Install	1	930	1/0 CONC Wire (1/0 CONCENTRIC PRIMARY)		
750 CONC 15KV	Install	3	930	750 CONC 15KV (WIRE, AL JCN 750MCM EPR)		
BORE	Install	1	915	BORE		
SHUR2-5	Install	1	15	SHUR2-5 (PRIMARY TRENCH HAND -DIG)		
SUM1-CA	Install	0	1	SUM1-CA (SUM1F METAL PAD COVERING)		
SUM1F	Install	0	1	SUM1F (CONCRETE PAD 600 A SWITCH CAB.)		
SUM5022H	Install	1	930	SUM5022H - Conduit ((2) 2" HDPE CONDUIT)		
SUM5026H	Install	1	930	SUM5026H - Conduit ((2) 6" HDPE CONDUIT)		
SUM6-28C 1 PH	Install	0	1	SUM6-28C (1/0 PRIMARY SPLICE-15KV)		
SUM6-28C 1 PH	Install	0	1	SUM6-28C (1/0 PRIMARY SPLICE-15KV)		
SUM6-28F 3 PH	Install	0	1	SUM6-28F (750 MCM PRIMARY SPLICE)		
SUM6-6	Install	0	2	SUM6-6 (GROUNDING ASSY)		
1/0 CONC	Remove	1	880	1/0 CONC Wire (1/0 CONCENTRIC PRIMARY)		
1/0 CONC	Remove	1	880	1/0 CONC Wire (1/0 CONCENTRIC PRIMARY)		
SUM1C	Remove	0	1	SUM1C (CONCRETE PAD 1 PH JUNCTION BOX)		
SUM3A	Remove	0	1	SUM3A (1 PH JUNCTION BOX)		
SUM6-1C 1 PH	Remove	0	1	SUM6-1C (1/0 LB ELBOW TERMINATION-15KV)		
SUM6-1C 1 PH	Remove	0	1	SUM6-1C (1/0 LB ELBOW TERMINATION-15KV)		
SUM6-28C 1 PH	Remove	0	1	SUM6-28C (1/0 PRIMARY SPLICE-15KV)		
SUM5022H	Abandon	1	880	SUM5022H - Conduit ((2) 2" HDPE CONDUIT)		

- Remarks:
- REMOVE JB 1105 & SET NEW PULL PAD IN PLACE.
  - INSTALL TWO GROUND RODS LOCATED IN DIAGONAL OPPOSITE CORNERS OF THE PAD.
  - REMOVE SPLICE & PULL OUT 1/0 CONC FROM EXISTING 2" CONDUIT. ABANDON CONDUIT.
  - BORE NEW (2) 2" HDPE / (2) 6" HDPE.

**Structure: 05. PM 1237**

Assembly Unit	Activity	#Cond	Qty	Unit Description	Complete	Qty
1/0 CONC	Install	1	960	1/0 CONC Wire (1/0 CONCENTRIC PRIMARY)		
1/0 CONC	Install	1	960	1/0 CONC Wire (1/0 CONCENTRIC PRIMARY)		
BORE	Install	1	225	BORE		
CLEAN CNDT	Install	1	720	CLEAN CNDT (MANDREL & SWAB)		
CLEAN CNDT	Install	1	720	CLEAN CNDT (MANDREL & SWAB)		
SHUR2-5	Install	1	15	SHUR2-5 (PRIMARY TRENCH HAND -DIG)		
SUM5022H	Install	1	240	SUM5022H - Conduit ((2) 2" HDPE CONDUIT)		
SUM6-1C 1 PH	Install	0	1	SUM6-1C (1/0 LB ELBOW TERMINATION-15KV)		
SUM6-1C 1 PH	Install	0	1	SUM6-1C (1/0 LB ELBOW TERMINATION-15KV)		
1/0 CONC	Remove	1	960	1/0 CONC Wire (1/0 CONCENTRIC PRIMARY)		
1/0 CONC	Remove	1	960	1/0 CONC Wire (1/0 CONCENTRIC PRIMARY)		
SUM6-1C 1 PH	Remove	0	1	SUM6-1C (1/0 LB ELBOW TERMINATION-15KV)		
SUM6-1C 1 PH	Remove	0	1	SUM6-1C (1/0 LB ELBOW TERMINATION-15KV)		
SUM5022H	Abandon	1	240	SUM5022H - Conduit ((2) 2" HDPE CONDUIT)		
SUM5012H	Existing	1	510	SUM5012H - Conduit ((1) 2" HDPE CONDUIT)		
SUM5022H	Existing	1	720	SUM5022H - Conduit ((2) 2" HDPE CONDUIT)		

- Remarks:
- HAND DIG PROVIDED TO DIG DOWN AND EXPOSE (2) 2" EXISTING HDPE AT CONDUIT SPLICE PT. REMOVE 1/0 CONC FROM CONDUIT.
  - BORE & SPLICE NEW (2) 2" HDPE. INSTALL NEW 1/0 CONC AND TERMINATE INTO VAULT 1005.

\*\*\*\*\*RETURN TO VAULT 1005\*\*\*\*\*

**Structure: 06A. SC 579**

Assembly Unit	Activity	#Cond	Qty	Unit Description	Complete	Qty
750 CONC 15KV	Install	3	1,245	750 CONC 15KV (WIRE, AL JCN 750MCM EPR)		
BORE	Install	1	1,225	BORE		
SHUR2-5	Install	1	20	SHUR2-5 (PRIMARY TRENCH HAND -DIG)		
SUM5026H	Install	1	1,245	SUM5026H - Conduit ((2) 6" HDPE CONDUIT)		
SUM6-25F 3 PH	Install	0	1	SUM6-25F (750 MCM PRIMARY TERMINATION)		
SUM6-25F 3 PH	Install	0	1	SUM6-25F (750 MCM PRIMARY TERMINATION)		
SUM6-36A	Install	0	1	SUM6-36A (FUSE, S&C END FITTING SML-20)		
SUME645F5	Install	0	4	SUME645F5 (6" FG 45 60")		
SUM6-25F 3 PH	Remove	0	1	SUM6-25F (750 MCM PRIMARY TERMINATION)		
SUM6-25F 3 PH	Remove	0	1	SUM6-25F (750 MCM PRIMARY TERMINATION)		
SUM6-36A	Remove	0	1	SUM6-36A (FUSE, S&C END FITTING SML-20)		
750 CONC 15KV	Abandon	3	2,125	750 CONC 15KV (WIRE, AL JCN 750MCM EPR)		

Chugach Electric Association  
5601 Electron Drive  
Anchorage, AK 99518

Designer/Project Engineer \_\_\_\_\_ Date \_\_\_\_/\_\_\_\_/\_\_\_\_  
Checker \_\_\_\_\_ Date \_\_\_\_/\_\_\_\_/\_\_\_\_  
Manager/Supervisor \_\_\_\_\_ Date \_\_\_\_/\_\_\_\_/\_\_\_\_

Project: E2114061 Design: Taxiway Z West Ph I Relo SOA

In Construction

Taxiway Z West Ph I Relo-SOA

Grid:  
1923,2022,1924,2023,2024,1922

- Remarks:
- FUSE AT 40E.
  - BORE (2) 2" HDPE / (2) 6" HDPE.
  - SEE SWITCH CABINET DIAGRAM FOR TERMINATION DETAILS.

**Structure: 06B. PM 4405**

Assembly Unit	Activity	#Cond	Qty	Unit Description	Complete	Qty
1/0 CONC	Install	1	1,295	1/0 CONC Wire (1/0 CONCENTRIC PRIMARY)		
SHUR2-5	Install	1	5	SHUR2-5 (PRIMARY TRENCH HAND -DIG)		
SUM5022H	Install	1	1,295	SUM5022H - Conduit ((2) 2" HDPE CONDUIT)		
SUM6-15	Install	0	1	SUM6-15 (200A PARKING STAND)		
SUM6-1C 1 PH	Install	0	1	SUM6-1C (1/0 LB ELBOW TERMINATION-15KV)		
SUR2-5	Install	1	45	SUR2-5 (PRIMARY TRENCH)		
SUM6-10	Existing	0	1	SUM6-10 (200A BUSHING CAP)		

- Remarks: - 1245' IN COMMON BORE/TRENCH WITH SC 579.

**Structure: 07. PP 8304**

Assembly Unit	Activity	#Cond	Qty	Unit Description	Complete	Qty
SUM1-CA	Remove	0	1	SUM1-CA (SUM1F METAL PAD COVERING)		
SUM1F	Remove	0	1	SUM1F (CONCRETE PAD 600 A SWITCH CAB.)		
SUM6-6	Remove	0	1	SUM6-6 (GROUNDING ASSY)		
SUME645S5	Remove	0	2	SUME645S5 (6" RSC 45 60")		
750 CONC 15KV	Abandon	3	610	750 CONC 15KV (WIRE, AL JCN 750MCM EPR)		

- Remarks: \*\*\*\*\*RETURN TO SC 579\*\*\*\*\*

**Structure: 08. VAULT 9401**

Assembly Unit	Activity	#Cond	Qty	Unit Description	Complete	Qty
750 CONC 15KV	Install	3	1,053	750 CONC 15KV (WIRE, AL JCN 750MCM EPR)		
BORE	Install	1	408	BORE		
SHUR2-5	Install	1	30	SHUR2-5 (PRIMARY TRENCH HAND -DIG)		
SUM5014H	Install	1	600	SUM5014H - Conduit ((1) 4" HDPE CONDUIT)		
SUM5024H	Install	1	600	SUM5024H - Conduit ((2) 4" HDPE CONDUIT)		
SUM5024H	Install	1	600	SUM5024H - Conduit ((2) 4" HDPE CONDUIT)		
SUM5026H	Install	1	1,053	SUM5026H - Conduit ((2) 6" HDPE CONDUIT)		
SUM6-28F 3 PH	Install	0	1	SUM6-28F (750 MCM PRIMARY SPLICE)		
SUME645F5	Install	0	2	SUME645F5 (6" FG 45 60")		
SUMV-1	Install	0	8	CABLE RACK RAO8 & STANCHION		
SUPB-675	Install	0	1	3Ø PULL BOX FEEDER		
SUR2-5	Install	1	37	SUR2-5 (PRIMARY TRENCH)		

- Remarks:
- (2) SUME645F5 SWEEPS ARE PROVIDED FOR HORIZONTAL TURN OUT OF SC 579.
  - NEW 24" CPEP TO BE PROVIDED & INSTALLED BY DOT CONTRACTOR. CPEP IS 580'. CPE PIPE SHALL HAVE A SMOOTH INTERIOR SURFACE, SHALL COMPLY W/ D-701 PIPE FOR STORM DRAINS & CULVERTS. CEA CONTRACTOR TO GROUT ANNULAR SPACE OF SLEEVE.
  - CPEP WILL HOUSE: (2) 6" HDPE (CEA) & (5) 4" HDPE (ORANGE COLOR) SCH80, UL651A STANDARDS (FAA & DOT). 4" HDPE TO BE STUBBED OUT 10' MIN OUT OF BOTH ENDS OF THE CPEP.
  - START BORE AT V9401 UP TO EAST END OF CPEP. USE SUR2-5 TRENCH FROM WEST END OF CPEP TO SC 579.
  - INVERT MIDDLE SECTION OF VAULT TO ENSURE THAT THE MIDDLE KNOCKOUTS ARE ON BOTTOM OUTSIDE EDGE.
  - SEE VAULT DIAGRAM FOR CONDUIT/CABLE ROUTING.

**Structure: 09. SC 587**

Assembly Unit	Activity	#Cond	Qty	Unit Description	Complete	Qty
750 CONC 15KV	Install	3	805	750 CONC 15KV (WIRE, AL JCN 750MCM EPR)		
BORE	Install	1	420	BORE		
SHUR2-5	Install	1	30	SHUR2-5 (PRIMARY TRENCH HAND -DIG)		
SUM5014H	Install	1	375	SUM5014H - Conduit ((1) 4" HDPE CONDUIT)		
SUM5024H	Install	1	375	SUM5024H - Conduit ((2) 4" HDPE CONDUIT)		
SUM5024H	Install	1	375	SUM5024H - Conduit ((2) 4" HDPE CONDUIT)		
SUM5026H	Install	1	805	SUM5026H - Conduit ((2) 6" HDPE CONDUIT)		
SUM6-25F 3 PH	Install	0	1	SUM6-25F (750 MCM PRIMARY TERMINATION)		
SUME645F5	Install	0	2	SUME645F5 (6" FG 45 60")		
750 CONC 15KV	Remove	3	800	750 CONC 15KV (WIRE, AL JCN 750MCM EPR)		
SUM6-25F 3 PH	Remove	0	1	SUM6-25F (750 MCM PRIMARY TERMINATION)		
SUM5026P	Abandon	1	800	SUM5026P - Conduit ((2) 6" PVC CONDUIT)		

Chugach Electric Association 5601 Electron Drive Anchorage, AK 99518	Designer/Project Engineer _____ Date ____/____/____ Checker _____ Date ____/____/____ Manager/Supervisor _____ Date ____/____/____
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Project: E2114061

Design: Taxiway Z West Ph I Relo SOA

In Construction

Taxiway Z West Ph I Relo-SOA

Grid:

1923, 2022, 1924, 2023, 202

4, 1922

Remarks:

- NEW 24" CPEP TO BE PROVIDED & INSTALLED BY DOT CONTRACTOR. CPEP IS 580'. CPE PIPE SHALL HAVE A SMOOTH INTERIOR SURFACE, SHALL COMPLY W/ D-701 PIPE FOR STORM DRAINS & CULVERTS. CEA CONTRACTOR TO GROUT ANNULAR SPACE OF SLEEVE.
- CPEP WILL HOUSE: (2) 6" HDPE (CEA) & (3) 4" HDPE (ORANGE COLOR) SCH80, UL651A STANDARDS (FAA & DOT). 4" HDPEs TO BE STUBBED OUT 10' MIN OUT OF BOTH ENDS OF THE CPEP.
- FIELD BEND CONDUIT FOR TURN TOWARDS SC 587.
- SEE SWITCH CABINET DIAGRAM FOR TERMINATION DETAILS.

Chugach Electric Association  
 5601 Electron Drive  
 Anchorage, AK 99518

Designer/Project Engineer \_\_\_\_\_ Date \_\_\_\_/\_\_\_\_/\_\_\_\_  
 Checker \_\_\_\_\_ Date \_\_\_\_/\_\_\_\_/\_\_\_\_  
 Manager/Supervisor \_\_\_\_\_ Date \_\_\_\_/\_\_\_\_/\_\_\_\_

Manufacturer:

Model:

S&C

PMH9 600A

SC 579

Serial Number:

Manufactured Date:

Notes:

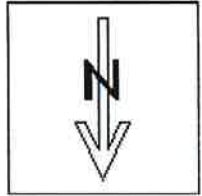
Revised Date:

07/08/2005

Revised WO/JO:

E2114061

DIRECTION  
(Reference to North)



TO:  
CONDUCTOR

1/0 Conc North to PM 4405

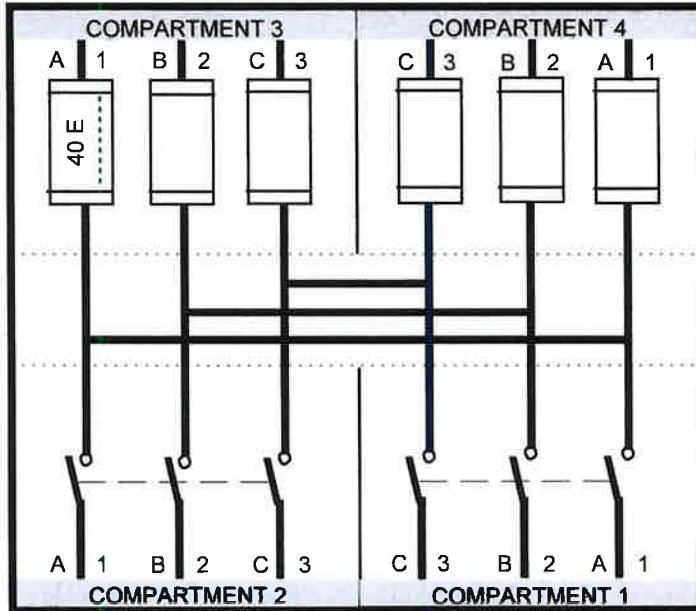
VACANT

VACANT

VACANT

VACANT

VACANT



Switch #: 13451

Status: Closed

Switch #: 13450

Status: Closed

TO:  
CONDUCTOR

750 Conc South East to SC 587  
Comp. 1 ~~Thru PB-8304~~ via V9401

750 Conc South East to SC 587  
Comp. 1 ~~Thru PB-8304~~ via V9401

750 Conc South East to SC 587  
Comp. 1 ~~Thru PB-8304~~ via V9401

750 Conc West to SC 1185  
Comp. 1 via PP1005

750 Conc West to SC 1185  
Comp. 1 via PP1005

750 Conc West to SC 1185  
Comp. 1 via PP1005

Fuse Holder Type:

SML20

Spare Fuse Holder

Installed:

N

Fault Indicators Installed In  
Compartments:

2



LOCATION

AIA, south side of runway 6R/24L and the  
south end of runway 32/14

Grid Map Location No.: 1923 - 4405

Inspected by: Mike Arnold

Install Date: 02/28/1996

Install Work  
Order ID: E9611122

Feeder: RBSS 312

Manufacturer:

Model:

S&C

PMH9 600A

SC 587

Serial Number:

951847

Manufactured Date:

05/01/1995

Notes:

SERIAL # 951847  
MFG. DATE 5/95  
AS-BUILT 12/14/06

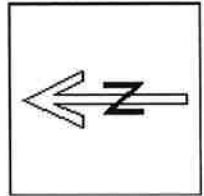
Revised Date:

03/15/2007

Revised WO/JO:

E2114061

DIRECTION  
(Reference  
to North)



TO:  
CONDUCTOR

4/0 Conc South to PM 5772

4/0 Conc South to PM 5772

4/0 Conc South to PM 5772

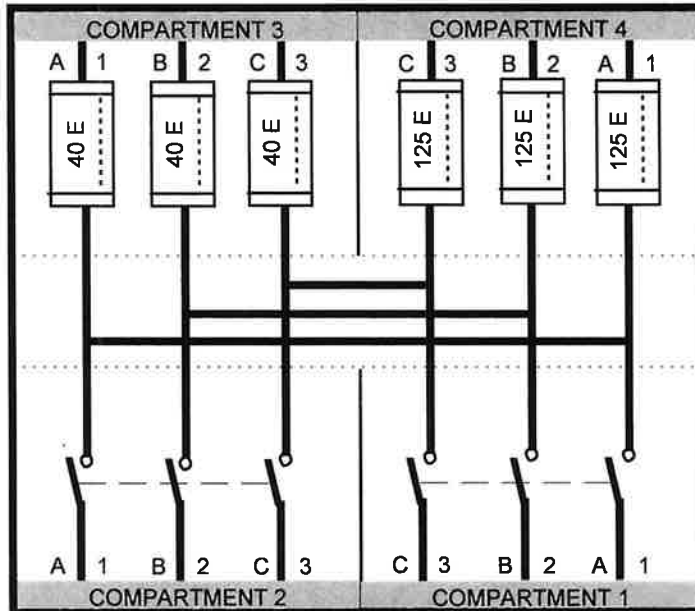
4/0 Conc East to SC 586  
Comp. 4

4/0 Conc East to SC 586  
Comp. 4

4/0 Conc East to SC 586  
Comp. 4

Switch #: 13471

Status: Closed



Switch #: 13470

Status: Closed

TO:  
CONDUCTOR

750 Conc SE to SC 858 Comp. 2

750 Conc SE to SC 858 Comp. 2

750 Conc SE to SC 858 Comp. 2

750 Conc NW to SC 579 Comp. 2 thru  
PB-8304 via V9401

750 Conc NW to SC 579 Comp. 2 thru  
PB-8304 via V9401

750 Conc NW to SC 579 Comp. 2 thru  
PB-8304 via V9401

Fault Indicators Installed In  
Compartments:

2

Fuse Holder Type:

SML20

Spare Fuse Holder  
Installed:

N

**CHUGACH**  
POWERING ALASKA'S FUTURE

LOCATION

South Air Park Place west of FS Air

Inspected by: Mike Arnold

Install Date: 02/28/1986

Install Work Order ID: E9511066

Grid Map Location No.: 2023 - 5773

Feeder: RBSS 312

Manufacturer:

Model:

S&C

PMH9 600A

SC 603

Serial Number:

J6706A-20

Manufactured Date:

05/01/1996

Notes:

AS-BUILT 1/11/11 R.  
POOL

Revised Date:

12/12/2018

Revised WO/JO:

E1813796

DIRECTION  
(Reference  
to North)



TO:

CONDUCTOR

1/0 Conc North to PM 1237  
(40E To Close)

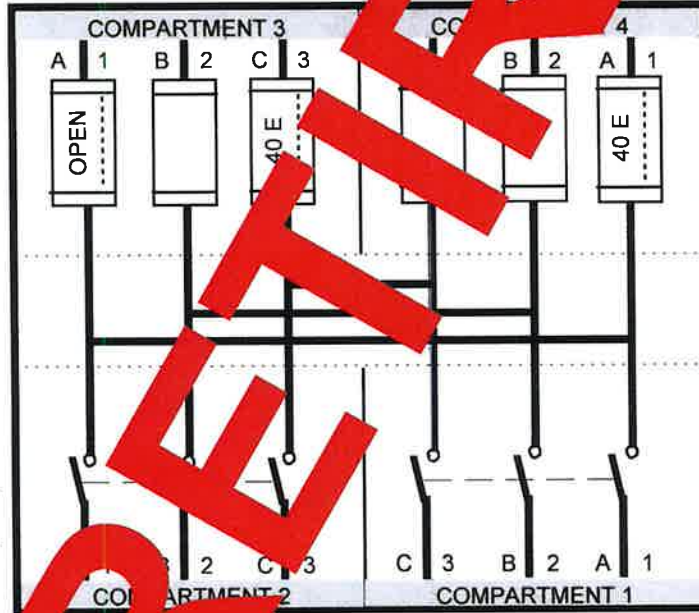
VACANT

1/0 Conc West to PM 1593

VACANT

VACANT

#2 Conc to JB 11



Switch #: 13513

Status: Closed

Switch #: 13512

Status: Closed

TO:

CONDUCTOR

750 Conc West to SC 1094 Comp. 2  
Comp. 2

750 Conc West to SC 1094 Comp. 2  
Comp. 2

750 Conc West to SC 1094 Comp. 2  
Comp. 2

750 Conc East to SC 579  
Comp. 1

750 Conc East to SC 579  
Comp. 1

750 Conc East to SC 579  
Comp. 1

Fuse Holder Type:

SML20

Spare Fuse Holder  
Installed:

N

Fault Indicators Installed In  
Compartments:

1

**CHUGACH**  
POWERING ALASKA'S FUTURE

LOCATION

AIA SOUTH SIDE OF RUNWAY 6R/24L  
SERVICE RD, NE CORNER OF THE FIRE  
TRAINING AREA

Inspected by: Mike Arnold

Install Date: 08/29/1996

Install Work Order ID: E9611153

Feeder: RBSS 312

Grid Map Location No.: 1922 - 7002

S&C

PMH9 600A

SC 1094

Serial Number:

174714

Manufactured Date:

08/01/2017

Notes:

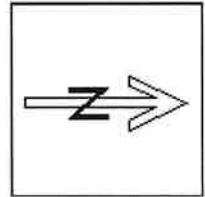
Revised Date:

12/12/2018

Revised WO/JO:

E2114061

DIRECTION  
(Reference to North)



TO:  
CONDUCTOR

1/0 CONC SOUTH TO PM 7492

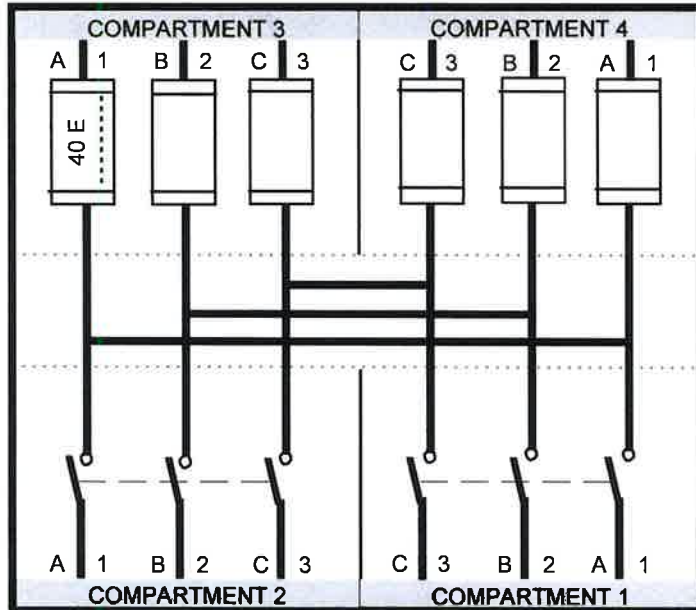
VACANT

VACANT

VACANT

VACANT

VACANT



Switch #: 14657

Status: Closed

Switch #: 14656

Status: Closed

TO:  
CONDUCTOR

750 CONC EAST TO ~~SC-603-COMP.~~  
2 SC 1185 COMP. 2

750 CONC EAST TO ~~SC-603-COMP.~~  
2 SC 1185 COMP. 2

750 CONC WEST TO ~~SC-603-COMP.~~  
2 SC 1185 COMP. 2

750 CONC WEST TO SC 778 COMP.  
2

750 CONC WEST TO SC 778 COMP.  
2

750 CONC WEST TO SC 778 COMP.  
2

Fuse Holder Type:

SML20

Spare Fuse Holder  
Installed:

N

Fault Indicators Installed In  
Compartments:

2



LOCATION

AIA SOUTH SIDE OF RUNWAY  
6R/24LON WEST PERIMETER RD 1400'  
WEST OF FIRE TRAINING FACILITY

Grid Map Location No.: 2021 - 7499

Inspected by: DARVIN THORNTON

Install Date: 09/10/2018

Install Work  
Order ID: E1813796

Feeder: RBSS 312

Manufacturer:

Model:

S & C

PMH 9 600A

SC 1185

Serial Number:

Manufactured Date:

Notes:

Revised Date:

Revised WO/JO:  
**E2114061**

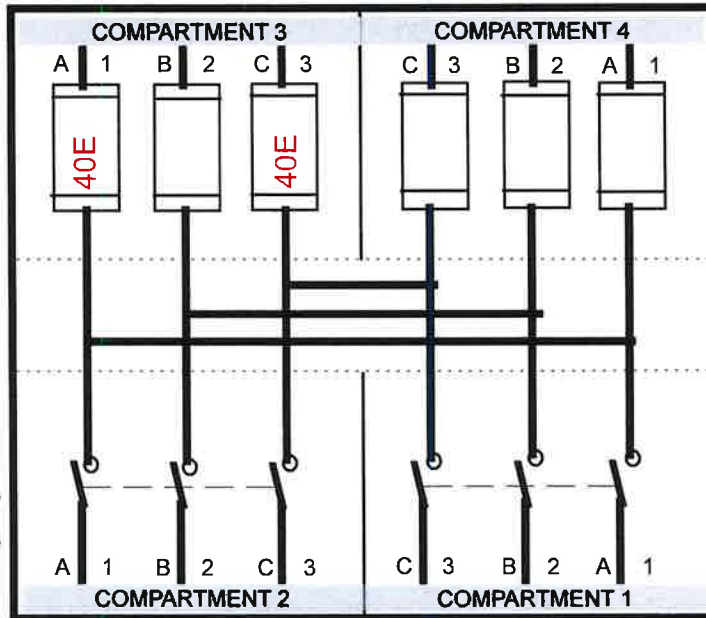
DIRECTION  
(Reference  
to North)



TO:  
CONDUCTOR

1/0 CONC East then North to  
PM 1237 via PP1005  
VACANT  
1/0 CONC West to PM 1593  
VACANT  
VACANT  
VACANT  
VACANT

Switch #: **13513**  
Status: **CLOSED**



Switch #: **13512**  
Status: **CLOSED**

Fault Indicators Installed In  
Compartments:

**1**

TO:  
CONDUCTOR

750 CONC West to SC 1094  
Comp. 2  
750 CONC West to SC 1094  
Comp. 2  
750 CONC West to SC 1094  
Comp. 2  
750 CONC East to SC 579  
Comp. 1 via PP1005  
750 CONC East to SC 579  
Comp. 1 via PP1005  
750 CONC East to SC 579  
Comp. 1 via PP1005

Fuse Holder Type:  
**SML-20**

Spare Fuse Holder  
Installed:  
**Y**



LOCATION

AIA SOUTH SIDE OF RUNWAY 6R/24L  
SERVICE RD., NE CORNER OF THE  
FIRE TRAINING AREA.

Grid Map Location No.: **1922 - 7002**

Inspected by:

Install Date:

Install Work Order ID: **E2114061**

Feeder: **RBSS 312**

Project : E2114061  
 Work Request: E2114061

Taxiway Z West Ph I Relo-SOA

**In Construction**

Capital Account: 10729/000/03/7665  
 Reimbursible Account: / / /  
 Retirement Account: 10880/326/03/7665

Design : Taxiway Z West Ph I  
 Relo SOA

<u>Description</u>	<u>Part Number</u>	<u>Quantity Orderd</u>	<u>Issued</u>
<b>Inventory</b>			
WIRE, AL JCN 15KV 750MCM EPR	0000000346	13,884	_____
WIRE, AL JCN 15KV #1/0	0000000352	5,455	_____
WIRE, CU SDB #4/0 STR (19 STR.)	0000000378	90	_____
CONNECTOR, CONNECTOR,SC EQUIPMENT GROUND,4/0 AWG	0000001451	5	_____
LUG, COMP LUG AL 2H #1/0	0000001509	2	_____
LUG, COMP LUG AL 2H 750	0000001515	15	_____
FASTENER, CLAMP GROUND ROD 3/4"	0000001532	2	_____
FASTENER, CLAMP, GROUND ROD, 4/0 AWG	0000001533	2	_____
FUSE, S&C 14.4 SMU-20 040E	0000001707	3	_____
FUSE, S&C END FITTING SML-20	0000001709	3	_____
CABINET, SWITCH PMH-09 (600A) 15KV	0000002421	1	_____
PAD, CONC. SUM1-F 600A SW CABINET 15KV	0000003746	2	_____
LINE, GROUND ROD 3/4" X 8'	0000004067	4	_____
CONDUIT, HDPE 2"	0000004161	5,423	_____
CONDUIT, FG EL 45 DEG 6" 60" RADI	0000004185	10	_____
KIT, PRIMARY SPLICE JACKET KIT #02-4/0	0000004506	2	_____
KIT, PRIMARY SPLICE 15KV #02-1/0 JCN	0000004508	2	_____
KIT, PRIMARY SPLICE 15KV 750MCM JCN	0000004513	6	_____
LINE, BRACKET CABLE SUPPORT	0000004646	15	_____
KIT, PRIMARY TERM 15KV #02-1/0 JCN	0000004767	2	_____
KIT, PRIMARY TERM 15KV 750MCM JCN	0000004773	15	_____
UG ACCES 08/15KV ELBOW TERM #1/0	0000004785	4	_____
BUSHING, UG ACCES 08/15KV PARKING STAND	0000005227	1	_____
CONDUIT, HDPE 4"	0000011877	5,363	_____
CONDUIT, HDPE 6"	0000011888	8,873	_____
SHRINK, CABLE SEALER COLD SHRINK 2-4/0	0000012084	4	_____
LINE, UG INDICATOR FAULT CURRENT RESET 600A TRIP (350-750 KCMIL)	0000013367	1	_____
Cable Rack, Stanchion, Underground Devices CR12-B	0000017446	8	_____
Cable Rack, 8", Underground Devices RA08	0000017447	8	_____
Pull Vault, Top Section, UV 675-TL-2-332P ( (3,300 lbs.)	0000017448	1	_____
Pull Vault, Middle Section, UV 675-MLW (6,250 lbs.)	0000017449	1	_____
Pull Vault, Base, UV 675-BL (3,680 lbs.)	0000017450	1	_____
Concrete Anchor, 303 stainless steel, 1/2-13	0000017451	8	_____
Washer, 1-1/4 round, flat, 9/16" hole, 316 stainless	0000017452	8	_____
Bolt, Cap Screw, 1/2"-13 x 1-3/8, 316 stainless steel	0000017453	8	_____
<b>Non-Inventory</b>			
BLUE & GREEN CEA DECAL NON INV	0000010321	2	_____
PADLOCKS	0000010613	4	_____
WEDGE ANCHOR .5 X 2.75 NON-INV	0000010657	4	_____

Remarks:

Control Number _____	
Legal Description _____	
Charge for Materials Yes ___ No ___ Sale ___	P.O. No. _____
Issued By _____ Received By _____	Date ___/___/___
Contractor _____	
Special Notes:	
	Title: Material Issue Ticket_XSYS

Project : E2114061  
Work Request: E2114061

Taxiway Z West Ph I Relo-SOA

**In Construction**

Design : Taxiway Z West Ph I  
Relo SOA

Capital Account: 10729/000/03/7665  
Reimbursible Account: / / /  
Retirement Account: 10880/326/03/7665

<u>Description</u>	<u>Part Number</u>	<u>Qty. Retired</u>	<u>Retired</u>
S&C 14.4 SMU-20 040E	0000001707	1	_____
S&C END FITTING SML-20	0000001709	4	_____
SWITCH PMH-09 (600A) 15KV	0000002421	1	_____

**Remarks:**

Control Number \_\_\_\_\_  
 Legal Description \_\_\_\_\_  
 Charge for Materials Yes \_\_\_ No \_\_\_ Sale \_\_\_ P.O. No. \_\_\_\_\_  
 Issued By \_\_\_\_\_ Received By \_\_\_\_\_ Date \_\_\_\_/\_\_\_\_/\_\_\_\_  
 Contractor \_\_\_\_\_  
 Special Notes:



**From:** [peoplesoft@chugachelectric.com](mailto:peoplesoft@chugachelectric.com)  
**To:** [Moritz Salvanera](#)  
**Cc:** [Warehouse Order Notification](#)  
**Subject:** SOUTH District / INOAC, ArcFM Designer Order Submitted: DSN8913\_4  
**Date:** Wednesday, June 7, 2023 9:52:16 AM

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**SOUTH District / INOAC, Order DSN8913\_4 submitted on 07-JUN-23 by MORITZS.**

Account: 10729-000-03-7665

Project: E2114061-GENERAL

Number of Lines: 36

[Open Order in PeopleSoft](#)

Order	Line	Item	Qty	UOM	Descr
DSN8913_4	1	0000000346	13884	EA	WIRE, AL JCN 15KV 750MCM EPR
DSN8913_4	2	0000000352	5455	EA	WIRE, AL JCN 15KV #1/0
DSN8913_4	3	0000000374	90	EA	WIRE, CU SDB #0006 SOL
DSN8913_4	4	0000000378	90	EA	WIRE, CU SDB #4/0 STR (19 STR.)
DSN8913_4	5	0000001451	5	EA	CONNECTOR,SC EQUIPMENT GROUND,4/0 AWG
DSN8913_4	6	0000001509	2	EA	LUG, COMP LUG AL 2H #1/0
DSN8913_4	7	0000001515	15	EA	LUG, COMP LUG AL 2H 750
DSN8913_4	8	0000001532	2	EA	FASTENER, CLAMP GROUND ROD 3/4"
DSN8913_4	9	0000001533	2	EA	FASTENER, CLAMP, GROUND ROD, 4/0 AWG
DSN8913_4	10	0000001707	3	EA	FUSE, S&C 14.4 SMU-20 040E
DSN8913_4	11	0000001709	3	EA	FUSE, S&C END FITTING SML-20
DSN8913_4	12	0000002421	1	EA	CABINET, SWITCH PMH-09 (600A) 15KV
DSN8913_4	13	0000003746	2	EA	PAD, CONC. SUM1-F 600A SW CABINET 15KV
DSN8913_4	14	0000004067	4	EA	LINE, GROUND ROD 3/4" X 8'
DSN8913_4	15	0000004161	5423	EA	CONDUIT, HDPE 2"
DSN8913_4	16	0000004185	10	EA	CONDUIT, FIBERGLASS ELBOW 45 DEG 6" 60" RADI
DSN8913_4	17	0000004506	2	EA	KIT, PRIMARY SPLICE JACKET KIT #02- 4/0
DSN8913_4	18	0000004508	2	EA	KIT, PRIMARY SPLICE 15KV #02-1/0 JCN
DSN8913_4	19	0000004513	6	EA	KIT, PRIMARY SPLICE 15KV 750MCM JCN
DSN8913_4	20	0000004646	15	EA	LINE, BRACKET CABLE SUPPORT P/N CS820
DSN8913_4	21	0000004767	2	EA	KIT, PRIMARY TERM 15KV #02-1/0 JCN
DSN8913_4	22	0000004773	15	EA	KIT, PRIMARY TERM 15KV 750MCM JCN

DSN8913_4 23	0000004785 4	EA	ELBOW, UG ACCES 08/15KV ELBOW TERM #1/0
DSN8913_4 24	0000005227 1	EA	BUSHING, UG ACCES 08/15KV PARKING STAND
DSN8913_4 25	0000011877 5363	EA	CONDUIT, HDPE 4" (40 FT STICK)
DSN8913_4 26	0000011888 8873	EA	CONDUIT, HDPE 6" (40 FT STICK)
DSN8913_4 27	0000012084 4	EA	SHRINK, CABLE SEALER COLD SHRINK 2-4/0
DSN8913_4 28	0000013367 1	EA	LINE, UG INDICATOR FAULT CURRENT RESET 600A TRIP (
DSN8913_4 29	0000017446 8	EA	FIBERGLASS CABLE SUPPORT STANCHION
DSN8913_4 30	0000017447 8	EA	FIBERGLASS CABLE SUPPORT ARMS
DSN8913_4 31	0000017448 1	EA	CONCRETE PULL BOX 675 COVER, HINGED DOOR STYLE, 3-
DSN8913_4 32	0000017449 1	EA	CONCRETE PULL BOX 675, VAULT, 3- PHASE FEEDER"H" VA
DSN8913_4 33	0000017450 1	EA	CONCRETE PULL BOX 675, BASE 3- PHASE
DSN8913_4 34	0000017451 8	EA	CONCRETE ANCHOR 1/2" "STAINLESS STEEL"
DSN8913_4 35	0000017452 8	EA	WASHER, CONCRETE ANCHOR 1/2" STAINLESS STEEL FLAT
DSN8913_4 36	0000017453 8	EA	BOLT, CONCRETE ANCHOR 1/2"