

November 09, 2020

CITY OF BRIGHTON
ATTN FINANCE DEPARTMENT
500 S 4TH AVE
BRIGHTON, CO 80601

Re: WO# 202010019 - SABLE TURN SIGNAL & OH TO UG

Attn: Christopher Montoya,

United Power (United) has completed the design and cost estimate to provide electric service for SABLE TURN SIGNAL & OH TO UG, located at E 144TH AVE & SABLE BLVD. (See attached design.)

The estimated cost to provide and install the electric service is **\$206,793.45**. That cost includes the labor, material, administrative and general expense required to install the electric service as designed. The estimate is valid for ninety (90) days, per Tariff E-004, on file with the Colorado Public Utilities Commission or available upon request.

In accordance with United's Tariff E-007, on file with the Colorado Public Utilities Commission or available upon request, United will analyze the final cost and compare it to the estimate when the work order is closed. If the actual cost is less than originally estimated, United shall refund the difference to the Applicant. If the actual cost to United proves to have been greater than the construction deposit, Applicant shall pay the difference to United within thirty (30) days following written notice of such excess amount.

Please complete the enclosed private utilities form (excluding subdivision developments and overhead projects), indicating any private utilities in the project area. You may return the signed and completed form and your payment in the envelope provided. Payment in full is required prior to construction. **Subdivision developers must return the signed final design for the underground distribution and the streetlight design, if applicable.**

Payment of the invoice implies agreement with the terms stated below:

- Applicant grants to United the right to enter the location listed above to construct, operate and maintain the electric distribution facilities, together with full right of ingress and egress.
- Applicant shall perform all right-of-way clearing required for the construction of the facilities described above with United's specifications.
- United shall perform all trenching and backfilling, including any rock removal and backhoe work, in accordance with United's specifications, except street crossing.
- The Applicant shall establish and stake all easements of rights-of-way on land owned by the Applicant for installation of United's facilities. The Applicant shall assume all responsibility for proper location thereof and shall reimburse United for any expense due to subsequent changes and for any damage claims against United, including full reimbursement for damages established and expenses incurred in regard thereto, plus reasonable attorney's fees and court costs.
- United shall install the facilities described herein in accordance with good engineering practice after the Applicant has established said right-of-way, cut easements to final grade, and prior to the paving of any streets and the construction of any curbs and gutters. The Applicant shall reimburse United for any expense due to subsequent changes by the Applicant.

- The Applicant shall be responsible for coordinating all construction activities within the project, including, but not limited to, the installation of telephone, gas, and cable TV. The installation crew must be on site the day United digs the trench. United will not leave the trench open overnight and will close it at the end of each working day. The Applicant shall reimburse United for any expenses incurred by United to repair damages to its facilities caused by the Applicant or other parties during the construction period
- Applicant will be responsible for accurately locating and visibly marking all private underground utilities, (including but not limited to water, telephone, sewer, septic, cable TV, fiber, and gas) prior to the construction of any facilities by United. Any damages to unmarked underground utilities by United or United's contractors will be at the Applicant's expense and responsibility to repair.
- Applicant shall be responsible for all service laterals in residential subdivision and underground commercial/industrial services. See approved service lateral contractor list on our web site at www.unitedpower.com <<http://www.unitedpower.com>> under the New Construction tab and click on the hyperlink for Metering/Laterals/Inspections, or call the construction hotline at 303-637-1323.
- Electric service will be provided to Applicant at United's applicable rates and upon the terms and conditions now in effect or at the rates and upon such terms and conditions as may hereafter be lawfully adopted by United for such service.
- United reserves the right to revise said estimate and to require an increase in the non-refundable construction deposit from the Applicant to cover unexpected costs to install its facilities. Such costs will be described on a **change order** and billed per incident according to the time, equipment, and materials used. If the Applicant requires construction of the facilities when the ground is frozen or at a time when inclement weather will result in construction costs greater than the cost originally estimated, the applicant shall advance the estimated additional cost to United, as a contribution in aid of construction, prior to the construction of the facilities.
- United will be responsible for locating all public utilities through Colorado 811.
- Applicant may terminate this project at any time prior to or during the actual construction of electric facilities. In such an event, a portion or all of the consideration paid by the Applicant in advance to United hereunder shall be used to reimburse and pay United for all expenses or liabilities which may theretofore have been incurred by United for engineering, for materials, and equipment purchased or ordered, prior to the date of termination; with the balance of the construction deposit, if any, to be refunded to the Applicant.

This project is eligible for a portion or all of it to be paid via the undergrounding funds. If you wish to use these funds, please submit your request in writing to me.

Thank you for the opportunity to provide this service. If you have questions, please call me at 720-685-5623.

Sincerely,

Hector Avendano

Hector Avendano
Project Coordinator

HAC:ggj
Enclosures

ESTIMATE



Work Order: 202010019
Service Order: 2020046339
Project Name: SABLE TURN SIGNAL & OH TO UG

CHRISTOPHER MONTOYA
CITY OF BRIGHTON
500 S 4TH AVE
BRIGHTON, CO 80601

Estimated Construction Costs:	\$ 263,050.47
Survey:	\$ 3,500.00
Permitting:	\$ 500.00
Traffic Control:	\$ 4,500.00
Minimum System(UPI Shared):	\$ (65,857.02)
INSTALL 2 BOLLARDS	\$ 1,100.00
NET CONSTRUCTION DEPOSIT INVOICE:	\$ 206,793.45

The estimate is valid for ninety (90) days, per Tariff E-004, on file with the Colorado Public Utilities
Commission or available upon request.

UNITED POWER WILL NOT ACCEPT ANY CHECK WITH LIEN WAIVER LANGUAGE

PLEASE WRITE WORK ORDER NUMBER ON PAYMENT AND REMIT TO:

**UNITED POWER
500 COOPERATIVE WAY
BRIGHTON, CO 80603**

PRIVATE FACILITIES LOCATE FORM

P.O. Box 929, 500 Cooperative Way, Brighton, CO 80601
(303) 659-0551 / 1-800-468-8809 / Fax (303) 637-1338
<http://www.unitedpower.com>

CUSTOMER NAME: CITY OF BRIGHTON

WORK ORDER: 202010019

PHONE/CELL NUMBER: 303-655-2037

SERVICE ADDR: E 144TH AVE & SABLE BLVD

OTHER CONTACT INFO: CHRISTOPHER MONTOYA

PRIVATE FACILITIES:	YES	NO	MARKED	SKETCHED
TRAFFIC SIGNAL WIRE	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
WATER	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
SEWER/SEPTIC/LEACH	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
IRRIGATION/BURIED PIPE	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
PROPANE/GAS/OIL/PETROLEUM	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
SPRINKLER/CONTROL WIRE	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
PRIVATE COMMUNICATION LINES (<i>Phone/Alarm, etc.</i>)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
FIBER OPTIC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
PRIVATE ELECTRIC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
OTHER	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Description _____

This form is to inform United Power of any utilities installed by 'private parties' that Colorado 811 (UNCC) will not notify for locates either as a tier 1 or tier 2. **United Power will NOT be responsible for any damage to private facilities which are not clearly marked in the field or with a sketch of location, including footages and depth, prior to the start of construction.**

A SIGNED FORM RETURNED WITH NO CHECKMARKS OR SKETCH, IS CONSIDERED NOTICE THAT THE SITE IS ALL CLEAR.


I acknowledge receipt of this document and notification:

CUSTOMER SIGNATURE _____ DATE _____

UNITED POWER REPRESENTATIVE _____

UNITED POWER WILL PROVIDE NOTIFICATION OF THE SCHEDULED LOCATE DATE AT THE CONTACT NUMBER PROVIDED. IF THERE IS NO ANSWER AT THE NUMBER PROVIDED, A MESSAGE WILL BE LEFT. THE LAND/PRIVATE FACILITY OWNER IS RESPONSIBLE TO MARK THE LOCATION OF ALL FACILITIES AND PROVIDE A SKETCH TO UNITED POWER BY THE LOCATE DATE. CONSTRUCTION WILL NOT BEGIN UNTIL A SIGNED FORM IS RECEIVED.

CUSTOMER NOTIFIED _____ DATE _____ MESSAGE OR CONTACT _____ LOCATE DATE _____



Your Touchstone Energy® Cooperative

Proj Coord: **Hector Avendano**

PC Cell: **720-685-5623**

Designed By: **Samantha Larkin**

Designer Cell: **720-670-7087**

Design Comp Date: **11/5/2020**

Revised By:

Date:

ROW Agent: **Samantha Riblett**

Const. Coord:

CC Cell:

Sub/Circuit/Phase: **33-5** **ABC**

Right of Way (All): ☒

Spec. Equipment: ☐

Primary/CT Metering: ☐

Locates Req'd: ☐

Work Order: **202010019**

Service Order: **2020046339**

Project Name: **SABLE TURN SIGNAL & OH TO UG**

Description: **EXTEND 1-PH,OH TO UG & SET 200A MTR PED**

VICINITY MAP

144TH

SABLE

COUNTRY HILLS

Disclaimer: The design and map print is not survey grade, nor set to a specific scale.

Equipment Loc: **581827021**

Service Loc: **5818**

Contact Ph: **303-655-2188**

Svc Address: **E 144TH AVE & SABLE BL**

City: **UNINCORPORATED**

County:

Sec/Twn/Rng: **19** **1S** **66W**

Conductor Summary						
Conductor Size	Status	Placement	Type	# Wires	Span (Ft)	Total
UP 1/0 EPR C	New	UG	PRIMARY	14	1885	5665
UP 1100 MCMEPRC	New	UG	PRIMARY	6	550	1980
UP 350 TXUSE C	New	UG	SECONDARY	1	5	55
UP 1/0 ACSR	Retired	OH	PRIMARY	3	662	662
UP 2 ACSR	Retired	OH	PRIMARY	25	1663	4698
UP 4/0 ACSR	Retired	OH	PRIMARY	9	662	1986

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Bore/Trench Summary		

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COMMENTS

Inspection By:

Date:

Construction By:

Date:

Reviewed/Approved By:

Date:

COVERSHEET

11/9/2020

Page 1 of 1



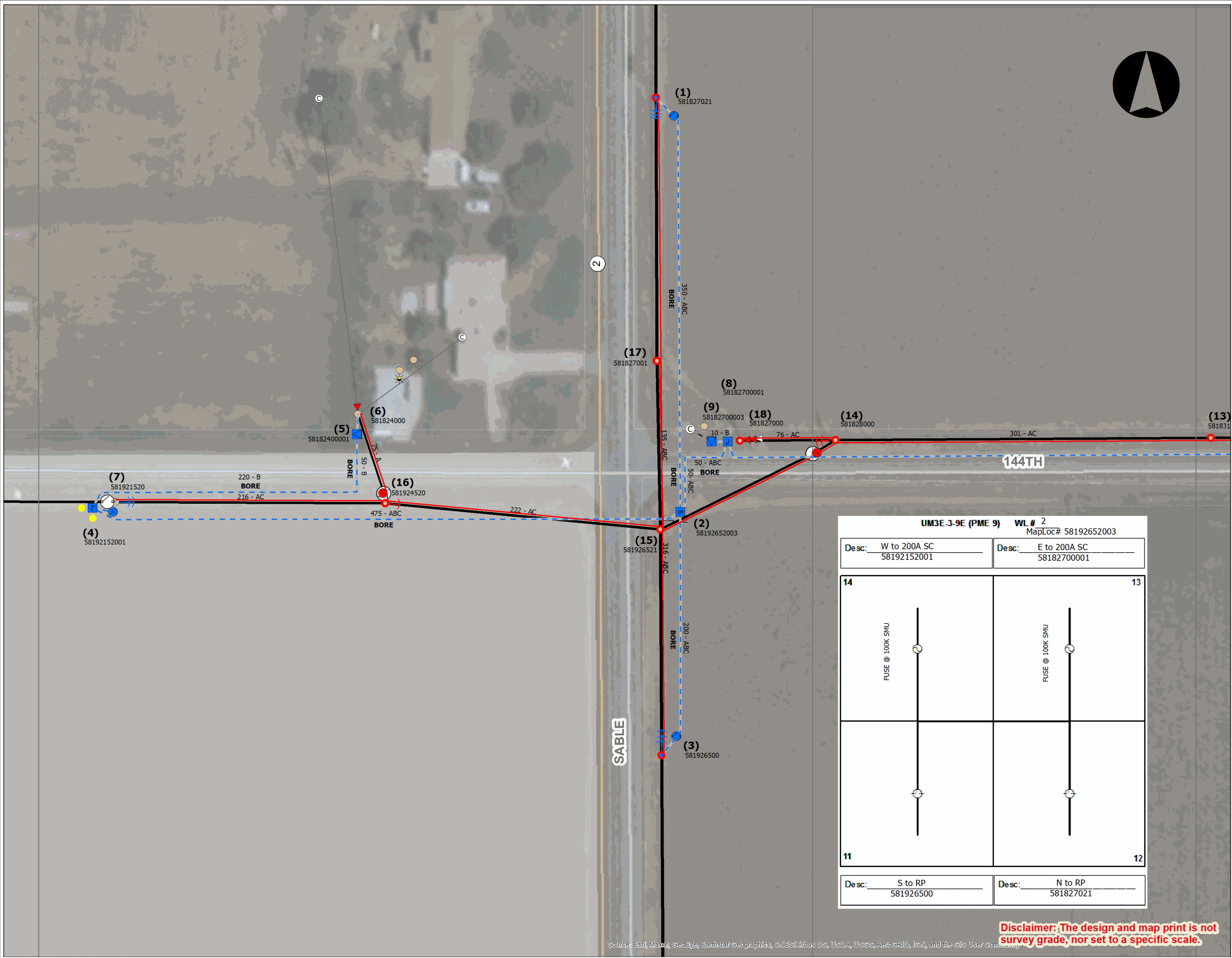
Your Touchstone Energy® Cooperative

Work Order:	202010019
Service Order:	2020046339
Project Name:	SABLE TURN SIGNAL & OH TO UG
Description:	EXTEND 1-PH,OH TO UG & SET 200A
Service Loc:	5818
Customer:	CITY OF BRIGHTON
Svc Address:	E 144TH AVE & SABLE BLVD
City:	UNINCORPORATED
County:	

Proj Coordinator:	Hector Avendano
PC Cell:	720-685-5623
Designer:	Samantha Larkin
Designer Cell:	720-670-7087
Design Comp Date:	11/05/2020

Legend	
STRUCTURES	DEVICES
Poles	Switches
Junction Cab	Fuses
Pedestal	Regulators
Switch Cab	Capacitors
Vault	Sectionalizers
Pull Box	Step Trans
LOCATIONS	Oil Reclosers
Fiber	Elec. Reclosers
UG	Sub. Reclosers
Consumer	MISCELLANEOUS
TRANSFORMERS	Open Points
OH 1PH	Lights
OH 2PH	Anchors
OH 3PH	CONDUCTOR
UG 1PH	OH Prim
UG 3PH	UG Prim
METER PEDESTALS	OH Sec
Single	UG Sec
Multi	

Reviewed/Approved By:
Date:





Your Touchstone Energy® Cooperative

Work Order:	202010019
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County:	

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Designer Cell:	720-670-7087
Design Comp Date:	11/05/2020

Legend

STRUCTURES

Poles

J Junction Cab

P Pedestal

S Switch Cab

V Vault

Pull Box

LOCATIONS

Fiber

UG

Consumer

TRANSFORMERS

OH 1PH

OH 2PH

OH 3PH

UG 1PH

UG 3PH

METER PEDESTALS

M Single

M Multi

DEVICES

Switches

Fuses

Regulators

Capacitors

Sectionalizers

Step Trans

Oil Reclosers

Elec. Reclosers

Sub. Reclosers

MISCELLANEOUS

Open Points

Lights

Anchors

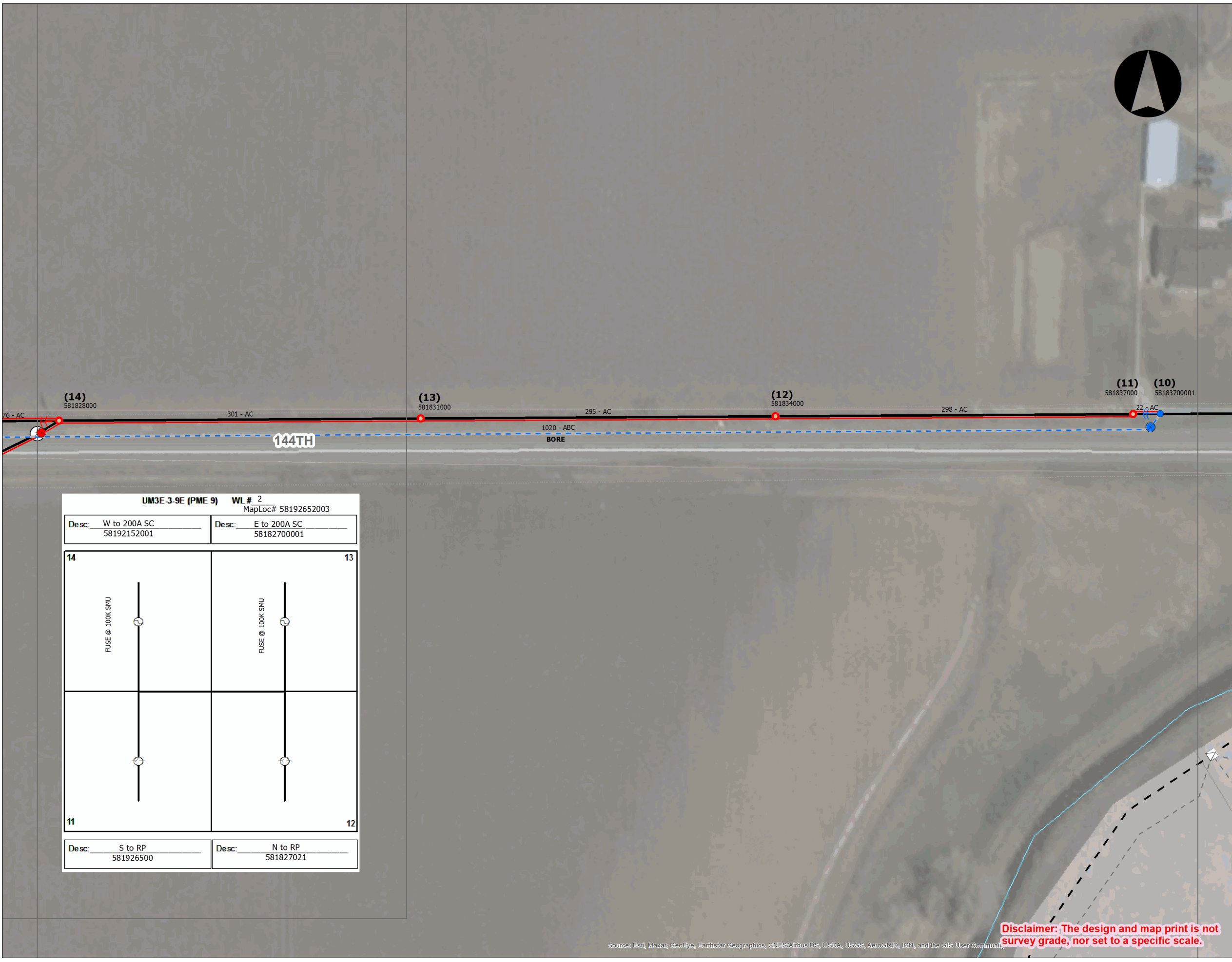
CONDUCTOR

OH Prim

UG Prim

OH Sec

UG Sec



Disclaimer: The design and map print is not survey grade, nor set to a specific scale.

Source: Esri, Maxar, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community