

**APPLICATION AND AGREEMENT FOR USE OF
HIGHWAY RIGHT-OF-WAY FOR UTILITIES ACCOMMODATION**

FOR DEPARTMENT USE ONLY

Permit Number 29U-2017-052	Highway Number US 61	County Des Moines
DOT Project Number NHS-61-2(50)--19-29 NHSX-61-2(62)--3H-29		Expiration/Completion Date 12/31/17

APPLICANT (INDIVIDUAL OR COMPANY)

First Name Brent	Middle Initial	Last Name Giese	Phone Number 319-588-7285	Ext.
Company Name CenturyLink Communications			Phone Number	Ext.
Street Address 900 Locust St		City/Town Dubuque	State IA	ZIP Code 52001
e-Mail Address Brent.Giese@centurylink.com		Secondary e-Mail Address		

INSTALLATION TO BE ACCOMMODATED

Approval is hereby requested to enter within the state highway right-of-way for the accommodation of a utility installation as detailed on the attachments and further described as follows.

The installation shall consist of:
This IOWADOT permit is to place new fiber cable and copper cable between Burlington and Mediapolis in for the U. S. 61 Reconstruction project #NHSX-061-2(52)--3H-29. The new cables will be placed due to the realignment and grading of U.S. 61. See sheets for new location of cables.

and shall be located as shown on the detailed plan attached hereto. **(See current Iowa Department of Transportation Utility Accommodation Policy for submittal of detailed plan requirements. See Section 115.8 (3).)** <http://www.iowadot.gov/traffic/pdfs/UtilityPolicy.pdf>

WORK SITE LOCATION

The proposed work as described above is located in Section ~~24~~ **13,14,11,2** , Twp. **70N** , Range **3W** on Highway No. **61** generally located _____ (miles) _____ (direction) from **US 61 from Tanner Lane to Iowa City Rd** (city, county line, or other landmark). Work proposed is more specifically located as being from **45.39** (Milepost #) and **1264+35** (Highway Station) to ~~45 to 47~~ **46.01** (Milepost #) and **1297+00** (Highway Station) on the _____ side of highway.

Disclosure Statement: The information furnished on this form will be used by the Department of Transportation to determine approval or denial of the application. Failure to provide all pertinent information will result in denial of the application. Information furnished is public information and copies may be provided to the public upon request.

The utility company, corporation, applicant, permit holder or licensee, (hereinafter referred to as the Permit applicant) agrees with the Iowa Department of Transportation (hereafter referred to as the Department) that the following stipulations and those special requirements as listed on this document shall govern under this permit after it is approved by the Department.

A. General

1. The installation shall meet the requirements of local municipal, county, state, and federal franchise rules and regulations, regulations and directives of the Iowa State Commerce Commission; the Iowa Department of Natural Resources, all rules and regulations of the Department and any other laws or regulations applicable.
2. The Permit Holder shall be fully responsible for any future adjustments of the facilities within the established highway right-of-way caused by highway construction or maintenance operations.
3. As per Section 115.8(8) of the Utility Accommodation Policy, As-Built plans are due within 90 days after completion of construction, the utility owner shall submit to the district representative an as-built plan.
4. The work described in this permit shall be completed as proposed in compliance with the stipulations and special requirements within one year from the date Department approval is received for said request. Failure on the part of the Permit Holder to abide by the stipulations or in constructing the work described as stipulated and within the time frame stated shall render this agreement and request null and void. The Permit Holder also agrees to save the State of Iowa and the Department harmless of any damages or losses that may be sustained by any person, or persons, on account of the conditions and requirements of this agreement.
5. Non-compliance with any of the terms of the Department's policy, permit, or agreement, may be considered cause for shut-down of construction operations, revocation of the permit, or withholding of relocation reimbursement and/or withholding of future application approvals until compliance is confirmed. The cost of any work deemed necessary to be performed by the State in removal of non-complying construction will be assessed against the Permit Holder.

B. Construction and Maintenance

1. The location, construction and maintenance of the utility installation covered by this application shall be in accordance with the current Department's Utility Accommodation Policy. <http://www.iowadot.gov/traffic/pdfs/UtilityPolicy.pdf>
2. Before beginning any work in the highway right-of-way, it is the responsibility of the Permit Holder to obtain an easement from the drainage district if necessary. The Department assumes no responsibility for advising the Permit Holder of each location of a drainage district crossing. It is the Permit Holder's responsibility to locate these crossings and obtain any necessary easements or permission from the drainage district. See Code of Iowa, Chapter 468 for additional information.
3. A copy of the approved permit shall be available on the job site at all times for examination by Department personnel.
4. Operations in the construction and maintenance of this utility installation shall be carried on in such a manner as to cause minimum interference to or distraction of traffic on said highway.
5. Traffic protection shall minimally be in accordance with Part VI of the current Manual on Uniform Traffic Control Devices for Streets and Highways. The applicant shall be responsible for correctly using traffic control devices including signs, warning lights, and channelizing devices as needed while work is in progress or the clear zone is impacted. Flagging operations are the responsibility of the applicant. The Department's TC XXX Series Standards are the preferred traffic control specification plans. http://www.iowadot.gov/design/stdplne_tc.htm
6. The applicant shall seed and mulch all disturbed areas within the highway right-of-way and shall be responsible for the vegetative cover until it becomes well established. Any surfaced areas such as driveways or shoulders and sodded waterways and plantings which are disturbed shall be restored to their original condition. Any damage to any other underground facilities during installation shall be repaired at the permit holder's expense.
7. All personnel in the highway right-of-way shall wear ANSI 107 Class 2 apparel at all times when exposed to traffic or construction equipment.
8. As per Policy Section 115.4(9) parking or storage in the clear zone is prohibited. When not in actual use, vehicles, equipment and materials shall not be parked or stored within the clear zone or median.
9. Unless specifically noted in Special Requirements section, all work performed within the right-of-way shall be restricted to 30 minutes after sunrise to 30 minutes before sunset.
10. Pedestals shall be placed within 12 inches of the right-of-way line.
11. All above and below ground appurtenances (pedestals, hydrants, drains, accesses, etc.) shall be marked with high visibility posts and signs. The minimum height requirement for the signs shall be 5 foot. Urban Roadway Sections may be exempted with department approval.

C. Liability

1. To the extent allowable by law, the Permit Holder agrees to indemnify, defend, and hold the Department harmless from any action or liability arising out of the design, construction, maintenance, placement of traffic control devices, inspection, or use of the Permit Holder's facilities. This agreement to indemnify, defend, and hold harmless applies to all aspects of the Department's application review and approval process, plan and construction reviews, and funding participation.
2. The Permit Holder shall indemnify and save harmless the State of Iowa, its agencies and employees, from any and all causes of action, suits at law or in equity, for losses, damages, claims or demands, and from any and all liability and expense of whatsoever nature, arising out of or in connection with the Permit Holder's use or occupancy of the public highway.
3. The State of Iowa and the Department assume no responsibility for damages to the Permit Holder's property occasioned by any construction or maintenance operations on said highway if the facilities are not located in accordance with this permit.
4. The State of Iowa, its agencies or employees, will be liable for expense incurred by the Permit Holder in its use and occupancy of the highway right-of-way only when negligence of the State, its agencies or employees, is the sole proximate cause of such expense. Whether in contract, tort or otherwise, the liability of the State, its agencies and employees, is limited to the reasonable, direct expense to repair damaged utilities, and in no event will such liability extend to loss of profits or business, indirect, special, consequential or incidental damages.

D. Notification

1. The Permit Holder is responsible for contacting **Iowa One-Call (1-800-292-8989)** and request the location of all underground utilities forty-eight (48) hours before excavation. Before beginning work in the highway right-of-way, the Permit Holder shall also contact any other known utility located in the area of the proposed work.
2. The Permit Holder agrees to give the Department forty-eight (48) hour notice of its intention to start construction or to perform routine maintenance on the highway right-of-way. Said notice shall be made to the local DOT contact person whose name is shown on Page 3.
3. **511 Notification**-In accordance with Iowa Code section 321.348, cities and utilities **may not obstruct or close** primary highways or primary highway extensions (State highways within city limits) **without prior consent of the Iowa DOT**, except in emergency situations. Before setting up a lane closure or a vertical/horizontal restriction of any kind on a primary highway, call your local Iowa DOT Maintenance garage and call the Traffic Management Center per attached documents. Except in emergency situations, a 10 day advance notice is required. <http://www.iowadot.gov/traffic/utility/pdfs/511UtilityNotification.pdf>

E. Buy America

Buy America applies to relocations of utility facilities that must move due to highway projects under certain specific conditions that include reimbursable locations and relocations due to interstate projects. Please contact the Department's District Engineering Operation Technician (EOT) for more information on Buy America requirements or visit the following link: <http://www.iowadot.gov/traffic/utility/utility.html>

Permit Number: 29U-2017-052

FOR DEPARTMENT USE ONLY

Special Requirements - in addition to the stipulations above, the following special requirements shall apply to this permit:

Applicant Signature and Agreement

The undersigned have read the stipulations of this permit agreement as stated, as well as attachments which may be included, and by signing this application agree to abide by all stipulations and to complete the work as proposed in compliance with the stipulations and attachments within one year from the date Department approval is granted for said request. Failure on the part of the applicant to abide by the stipulations or to construct the work desired as stipulated and within the time frame stated shall render this agreement and request null and void. The undersigned also agrees to save harmless the State of Iowa and the Iowa Department of Transportation from any damage or losses that may be sustained by any person or persons on account of the conditions and requirements of this agreement.

Name of Agent (Print or Type) <i>Brent Giese</i>	Agent/Owner (Signature) <i>[Signature]</i>	Title <i>ENGINEER II</i>
Name of Owner (Print or Type) <i>CITY OF MOUNTAIN VIEW</i>	Date <i>11-29-17</i>	
e-Mail Address <i>brent.giese@cityofmountainview.com</i>		

CITY ACTION (IF PROPOSED WORK IS WITHIN AN INCORPORATED CITY, CITY ACTION IS REQUIRED)

"The undersigned city joins in the grants embodied in the above permit executed by the Iowa Department of Transportation on condition that all of the covenants and undertakings therein running to the Iowa Department of Transportation shall inure to the benefit of the undersigned city and recommends action on said permit application as noted below by the delegated city official".

Recommend Approval Do Not Recommend Approval None Required

Handwritten Signature	Title	Date
Type or Print Name	Authorized Official for the City of	
e-Mail Address		

COUNTY ACTION (IF PROPOSED WORK CROSSES COUNTY RIGHT-OF-WAY, COUNTY ACTION IS REQUIRED)

"The undersigned county joins in the grants embodied in the above permit executed by the Iowa Department of Transportation on condition that all of the covenants and undertakings therein running to the Iowa Department of Transportation shall inure to the benefit of the undersigned county and recommends action on said permit application as noted below by the delegated county official".

Recommend Approval Do Not Recommend Approval None Required

Handwritten Signature	Title	Date
Type or Print Name ON FILE	Authorized Official for the County of	
e-Mail Address		

FEDERAL HIGHWAY ADMINISTRATION ACTION (WHEN REQUIRED)

Recommend Approval Do Not Recommend Approval None Required

Authorized FHWA Representative Signature	Date
--	------

DEPARTMENT OF TRANSPORTATION FINAL ACTION

Application Approved Application Denied Permit Number: **29U-2017-052**

Authorized Highway District Representative Brenda Sanders	Signature <i>[Signature]</i>	Date 12/04/17
e-Mail Address brenda.sanders@iowadot.us		

Notice of intention to commence activities on the highway rights-of-way shall be submitted by the applicant a minimum of 48 hours prior to actually commencing the activities as herein granted by this approved application. Notice is to be given to the following Iowa Department of Transportation representative. Except in emergencies a 10 day advance notice is required for lane restrictions of any kind:

Local DOT Contact Person (Type or Print Name) Lauren Giarmo or Marv May	Phone Number 319-385-2211		
Street Address 205 E Taft St	City/Town Mt Pleasant	State IA	ZIP Code 52641
e-Mail Address lauren.giarmo@iowadot.us or marv.may@iowadot.us			

Permit Number: **29U-2017-052**

Site Plan & Attachments Checklist for IDOT Utilities Accommodation Permit

- Plans showing IADOT Highway Centerline, Highway Number, DOT Stationing and Milepost are required.
- Visible orientation (North Arrow) and identifying landmarks are required.
- Clearly identify Right Of Way (ROW) line with horizontal distance from highway centerline shown, including all breakpoints and changes in the ROW distances.
- Provide Iowa One Call design request information. (Minimally, the list of utilities)
- List all of the existing utilities in the installation area. Describe how your installation will address existing utilities that are in conflict, and show all observable existing features, such as power poles, pedestals, markers, handholes, trees, etc.
- Show all Construction features/Bore Pits with the running line and horizontal distance from roadway edge or centerline. (showing Clear Zone compliance) <http://www.iowadot.gov/traffic/pdfs/UtilityPolicy.pdf>
- Show the start/stop stationing and depths or elevations for all bores, longitudinal and transverse.
- Show the start/stop stationing and depths or elevations for all plowing locations.
- Show casing start/stop locations, lengths, diameter, and material if casings are used.
- Show all facilities that are to be installed on the site plan.
This includes pedestals, wire, conduit, poles, guy anchors, junction boxes, handholes and manholes.
ALL MUST BE REFERENCED BY DOT Stationing and distance from centerline.
- Show where installation starts and stops, leaves ROW, stops at existing pedestal, pole, etc.
Use IADOT stationing and distance from centerline of the start and stops.
- Identify any physical focal points, posts, pedestals, shutoffs, overflow valves, hydrants, etc.
- Describe any other work to accomplish installation before, during and/or after installation, including:
removal of brush/trees, removal of underbuild, construction of access, fence removal, fence replacement, etc.
- Identify unusual issues to be pointed out on the site plan.
CLARITY IS THE KEY, we can't assume you will do it if it is not shown in the plan.

Attachments

Not attached as requested -
Attached by DOT to finalize permit

- Proper Traffic Control Standards (IADOT TCxxx Series Standard plans preferred)
Available at - http://www.iowadot.gov/design/stdplne_tc.htm
- ~~Required Height / Depth Typical (Supplied by the Department)~~ Per depths required on site plans
- Tile Repair Guide (Rural Locations) (Supplied by the Department)
- Special Seeding Requirements and Erosion Control (Supplied by the Department) Standard Rural Seed Mix/Fert/Mulch
- 511 Lane Restriction Requirements (If lane restriction is anticipated) (Supplied by the Department)
- If paper applications are submitted, at least 2 sets of site plans (11 x 17 preferred) and 1 original of the permit application with all original signatures (Scanned and emailed copies are accepted)

ALL ITEMS MUST BE LEGIBLE FOR REVIEW AND FOR RESCANNING PURPOSES

We can only accept this document on legal size (8 1/2" x 14") paper due to recording requirements by Iowa Code.

FOR DEPARTMENT USE ONLY

Special Requirements - in addition to the stipulations above, the following special requirements shall apply to this permit:

County file approval

CITY ACTION (IF PROPOSED WORK IS WITHIN AN INCORPORATED CITY, CITY ACTION IS REQUIRED)

"The undersigned city joins in the grants embodied in the above permit executed by the Iowa Department of Transportation on condition that all of the covenants and undertakings therein running to the Iowa Department of Transportation shall inure to the benefit of the undersigned city and recommends action on said permit application as noted below by the delegated city official".

Recommend Approval Do Not Recommend Approval None Required

COUNTY ACTION (IF PROPOSED WORK CROSSES COUNTY RIGHT-OF-WAY, COUNTY ACTION IS REQUIRED)

"The undersigned county joins in the grants embodied in the above permit executed by the Iowa Department of Transportation on condition that all of the covenants and undertakings therein running to the Iowa Department of Transportation shall inure to the benefit of the undersigned county and recommends action on said permit application as noted below by the delegated county official".

Recommend Approval Do Not Recommend Approval None Required

<i>Brian J. Center</i>	<i>County Engineer</i>	<i>11-21-17</i>
<i>Brian J Center</i>		<i>319-253-8241</i>
<i>office @ dmc roads. org</i>		

FEDERAL HIGHWAY ADMINISTRATION ACTION (WHEN REQUIRED)

Recommend Approval Do Not Recommend Approval None Required

--	--

DEPARTMENT OF TRANSPORTATION FINAL ACTION

Application Approved Application Denied

Permit Number

Notice of intention to commence activities on the highway rights-of-way shall be submitted by the applicant a minimum of 48 hours prior to actually commencing the activities as herein granted by this approved application. Notice is to be given to the following Iowa Department of Transportation representative. Except in emergencies a 10 day advance notice is required for lane restrictions of any kind:

		IA

Permit Number:

29U-2017-052

Legend

Alignment, Boundary and Right of Way

CENTERLINE		Existing		Proposed	
RIGHT OF WAY LINE		Existing		Proposed	
Pavement	ABOVE GROUND FEATURES (PAVEMENT, CURB SIDEWALK, ETC.)	Existing		Proposed	
	ABOVE GROUND FEATURES (PAVEMENT, CURB SIDEWALK, ETC.)	Existing		Proposed	
Drainage	CONTOUR MAJOR (5')	Existing		Proposed	
	CONTOUR MINOR (1')	Existing		Proposed	
Utilities	OVERHEAD WIRES	Existing		Proposed	
	FORCEMAIN	Existing		Proposed	
	SANITARY SEWER	Existing		Proposed	
	STORM SEWER	Existing		Proposed	
	WATERMAIN	Existing		Proposed	

Legend

CenturyLink Facilities

BURIED FIBER OPTIC CABLE		Existing		Removal/Abandon		Proposed	
BURIED TELEPHONE CABLE		Existing		Removal/Abandon		Proposed	
BURIED TELEPHONE DUCT		Existing		Removal/Abandon		Proposed	
OVERHEAD FIBER OPTIC CABLE		Existing		Removal/Abandon		Proposed	
OVERHEAD TELEPHONE CABLE		Existing		Removal/Abandon		Proposed	
PEDESTAL		Existing		Removal/Abandon		Proposed	
HAND HOLE		Existing		Removal/Abandon		Proposed	
CROSS BOX		Existing		Removal/Abandon		Proposed	
POLE		Existing		Removal/Abandon		Proposed	
VAULT / MANHOLE		Existing		Removal/Abandon		Proposed	
FACILITY LABELING		Existing		Removal/Abandon		Proposed	

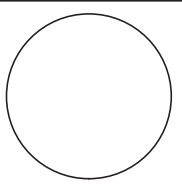
100 PAIR COPPER

100 PAIR COPPER TO BE REMOVED

PROPOSED 100 PAIR COPPER

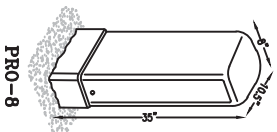


TT
 TT ENG: Stephanie Hellquist
 PHONE: 651-283-6774
 E-MAIL: shellquist@terratechllc.net
 TT# CL16.1000E
 http://www.terratechllc.net

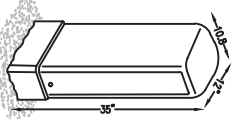


IOWA - DEPARTMENT OF TRANSPORTATION - PROJECT #NH8X-061-2(G2)-31-29
 Des Moines County, IA
U.S. Hwy 61
 CenturyLink Relocation Plans
 Legend
 Project No.: CL16.1000E | Date: Sep 26, 2017 | File:

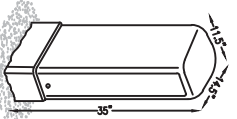
CTL ENG: Brent Giese
 PHONE: _____
 E-MAIL: brentgiese@centurylink.com
 N. _____



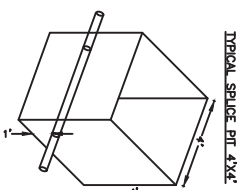
PRO-8



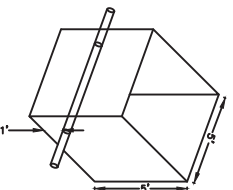
PRO-10



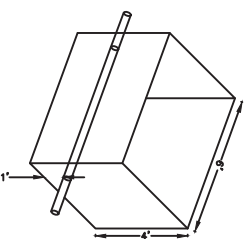
PRO-12



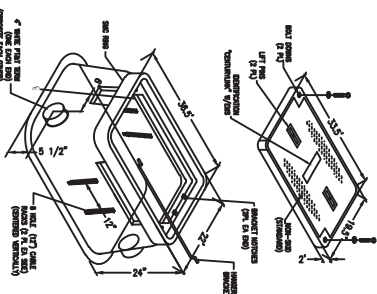
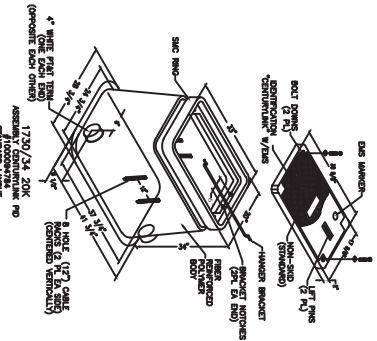
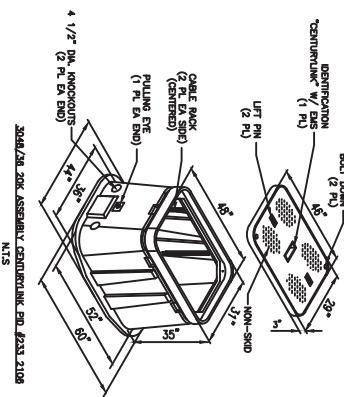
TYPICAL SPLICE DET. 4X4



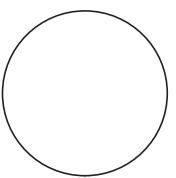
TYPICAL SPLICE DET. 5X5



TYPICAL SPLICE DET. 6X6



TT ENG: Stephanie Hellquist
 PHONE: 651-283-6774
 E-MAIL: shellquist@terratechllc.net
 TT# CL16.1000E
 http://www.terratechllc.net



IOWA - DEPARTMENT OF TRANSPORTATION - PROJECT #W-8X-061-2(G2)-31-29

Des Moines County, IA
U.S. Hwy 61

CenturyLink Relocation Plans

Typical Details

Project No.: CL16.1000E

Date: Sep 26, 2017

File:



CenturyLinkTM

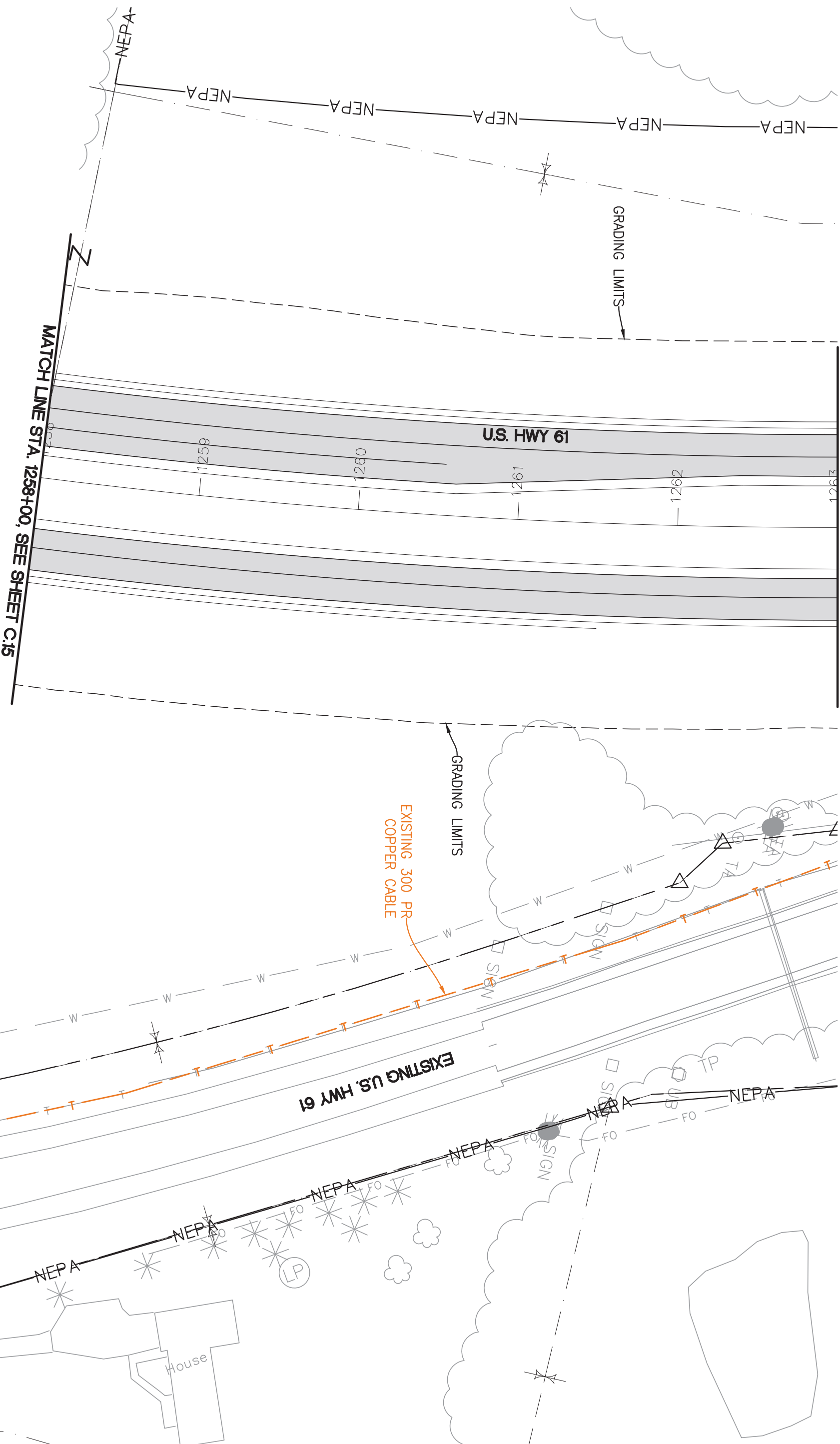
CTL ENG: Brent Giese
 PHONE: _____
 E-MAIL: brentgiese@centurylink.com
 N. _____

Sheet

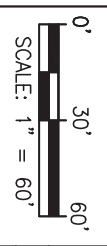
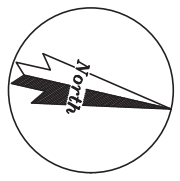
B.3

Sheet 4 of 39

MATCH LINE - STA 1263+00, SEE SHEET C:17



TT
 TERRA TECHNOLOGIES
 TT ENG: Stephanie Hellquist
 PHONE: 651-283-6774
 E-MAIL: shellquist@terratechllc.net
 TT# CL16:1000E
 http://www.terratechllc.net



IOWA - DEPARTMENT OF TRANSPORTATION - PROJECT #IHX-061-2(62)-31-29
 Des Moines County, IA
U.S. Hwy 61
 CenturyLink Relocation Plans
 U.S. HWY 61 (Sta. 1258+00 - Sta. 1263+00)
 Project No.: Q16.1000E | Date: Sep 26, 2017 | File:

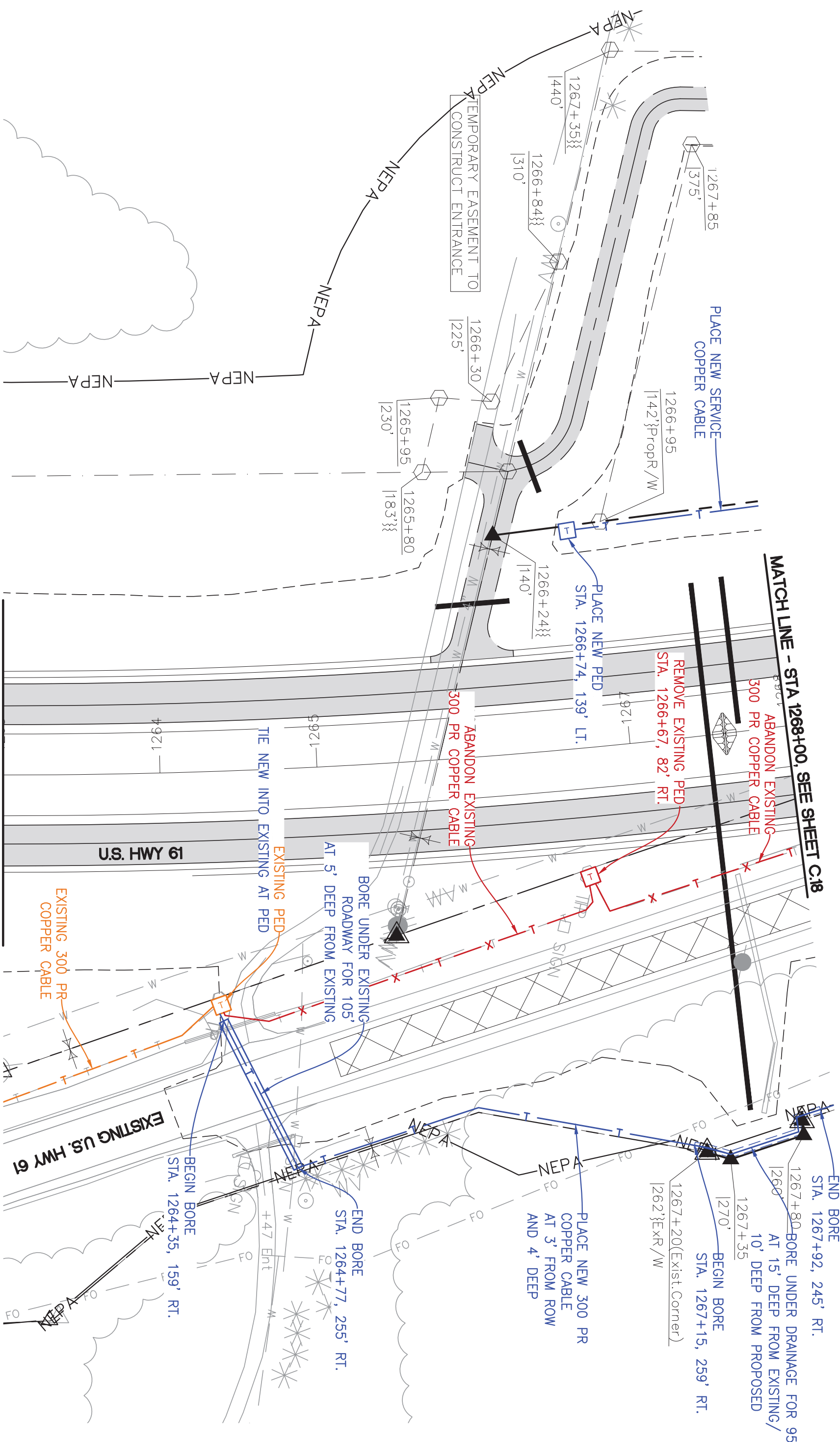
CenturyLink™
 CTL ENG: Brent Giese
 PHONE: _____
 E-MAIL: brenthgiese@centurylink.com
 N. _____

LEGEND

	BURIED FIBER OPTIC
	BURIED TELEPHONE
	OVERHEAD TELEPHONE
	EXISTING
	FO
	T
	OH
	REMOVE/ABANDON
	X-FO-X
	X-T-X
	X-OH-X
	PROPOSED
	FO
	T
	OH

*SEE SHEET B:2 FOR LEGENDS

Sheet
C:16
 Sheet 29 of 39



MATCH LINE - STA 1263+00, SEE SHEET C:16

MATCH LINE - STA 1268+00, SEE SHEET C:18

IOWA - DEPARTMENT OF TRANSPORTATION - PROJECT #IHX-061-2(G2)-31-29

Des Moines County, IA
U.S. Hwy 61

CenturyLink Relocation Plans

US HWY 61 (Sta. 1263+00 - Sta. 1268+00)

Project No.: Q116.1000E Date: Oct 05, 2017 File:

CenturyLink™
 CTL ENG: Brent Giese
 PHONE: _____
 E-MAIL: brenthgiese@centurylink.com

N. _____

LEGEND

EXISTING	REMOVE/ABANDON	PROPOSED
BURIED FIBER OPTIC	-X-FO-X-	FO
BURIED TELEPHONE	-X-T-X-	T
BURIED TELEPHONE DUCT	-X-T-D-X-	T-D
OVERHEAD TELEPHONE	-X-OHT-X-	OHT

*SEE SHEET B:2 FOR LEGENDS

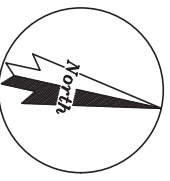
Sheet

C:17

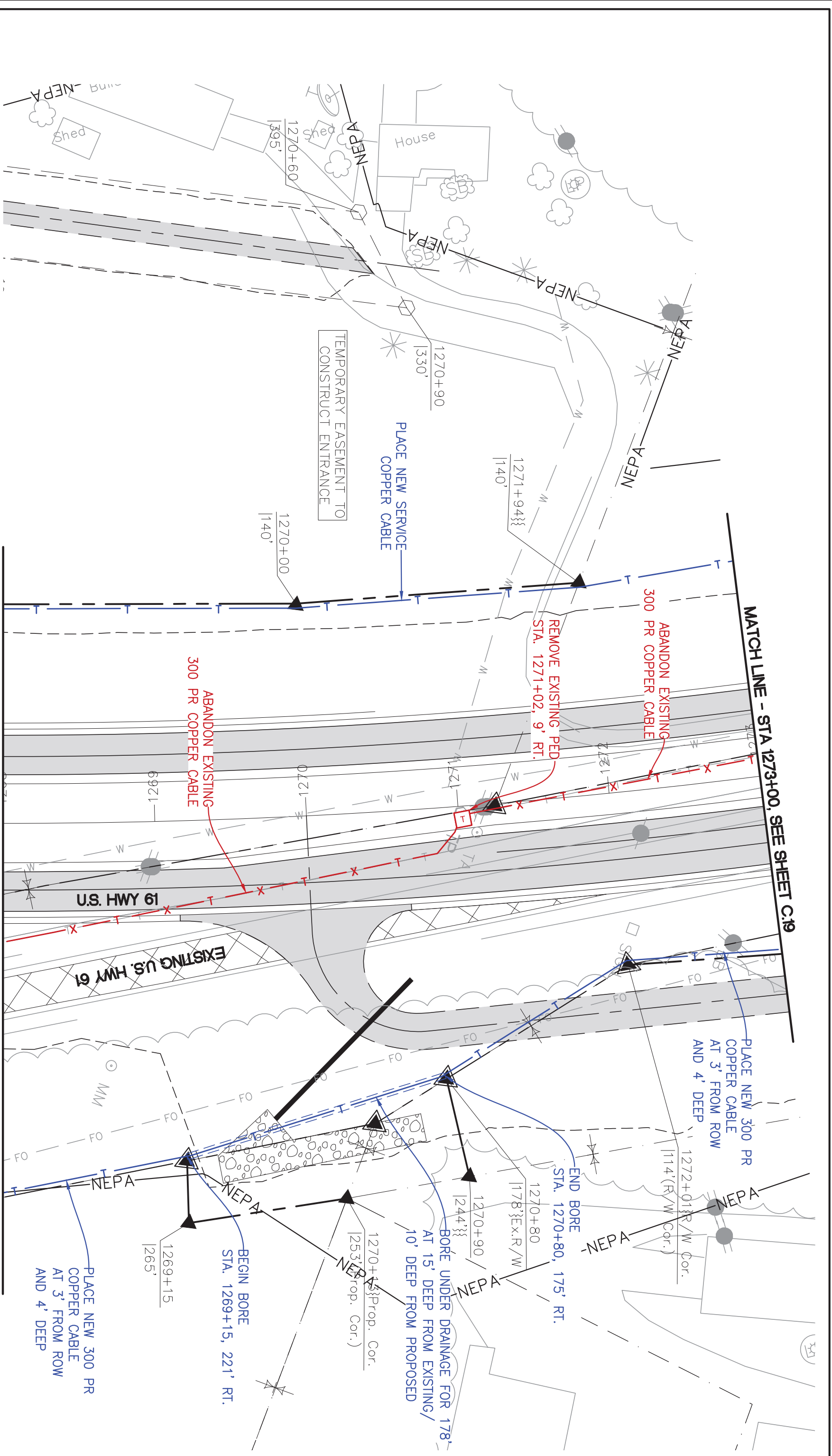
Sheet 30 of 39



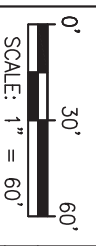
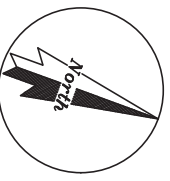
TT ENG: Stephanie Hellquist
 PHONE: 651-283-6774
 E-MAIL: shellquist@terratechllc.net
 TT# CL16.1000E
 http://www.terratechllc.net



0'
 30'
 60'
 SCALE: 1" = 60'



TT ENG: Stephanie Hellquist
 PHONE: 651-283-6774
 E-MAIL: shellquist@terratechllc.net
 TT# CL16.1000E
 http://www.terratechllc.net



IOWA - DEPARTMENT OF TRANSPORTATION - PROJECT #IHX-061-2(G2)-31-29
 Des Moines County, IA
U.S. Hwy 61
CenturyLink Relocation Plans
 US HWY 61 (Sta. 1268+00 - Sta. 1273+00)
 Project No.: Q116.1000E | Date: Oct 05, 2017 | File:

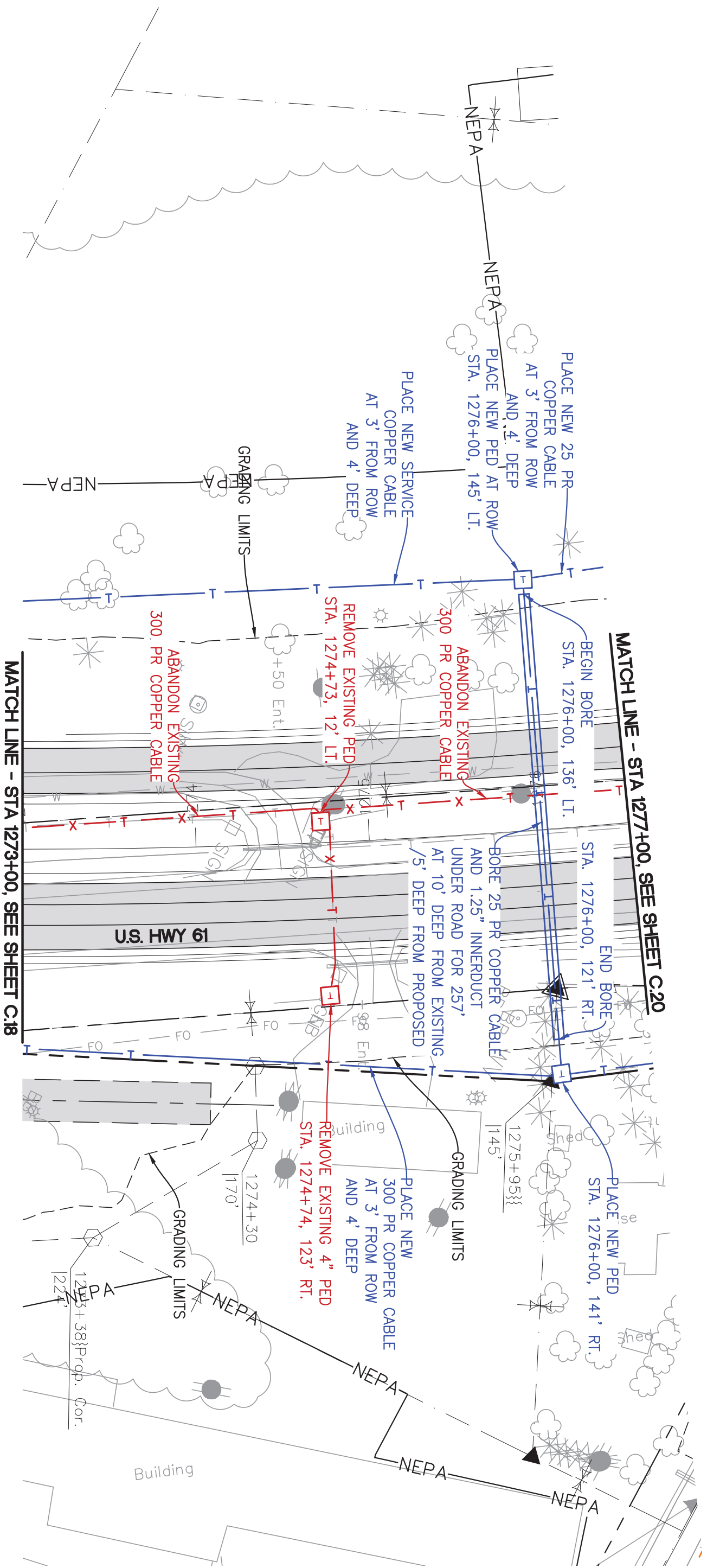
CenturyLink™
 CITL ENG: Brent Giese
 PHONE:
 E-MAIL: brenthgiese@centurylink.com

LEGEND

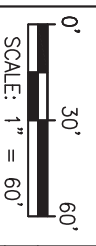
EXISTING	REMOVE/ABANDON	PROPOSED
BURIED FIBER OPTIC	-X- FO -X-	FO
BURIED TELEPHONE	-X- T -X-	T
BURIED TELEPHONE DUCT	-X- T- -X-	T-
OVERHEAD TELEPHONE	-X- OH- -X-	OH

*SEE SHEET B.2 FOR LEGENDS

Sheet
C:18
 Sheet 31 of 39



TT ENG: Stephanie Hellquist
 PHONE: 651-283-6774
 E-MAIL: shellquist@terratechllc.net
 TT# CL16.1000E
 http://www.terratechllc.net



IOWA - DEPARTMENT OF TRANSPORTATION - PROJECT #IHX-061-2(62)-31-29
 Des Moines County, IA
U.S. Hwy 61
CenturyLink Relocation Plans
 US HWY 61 (Sta 1273+00 - Sta. 1277+00)
 Project No.: CL16.1000E | Date: Sep 26, 2017 | File:

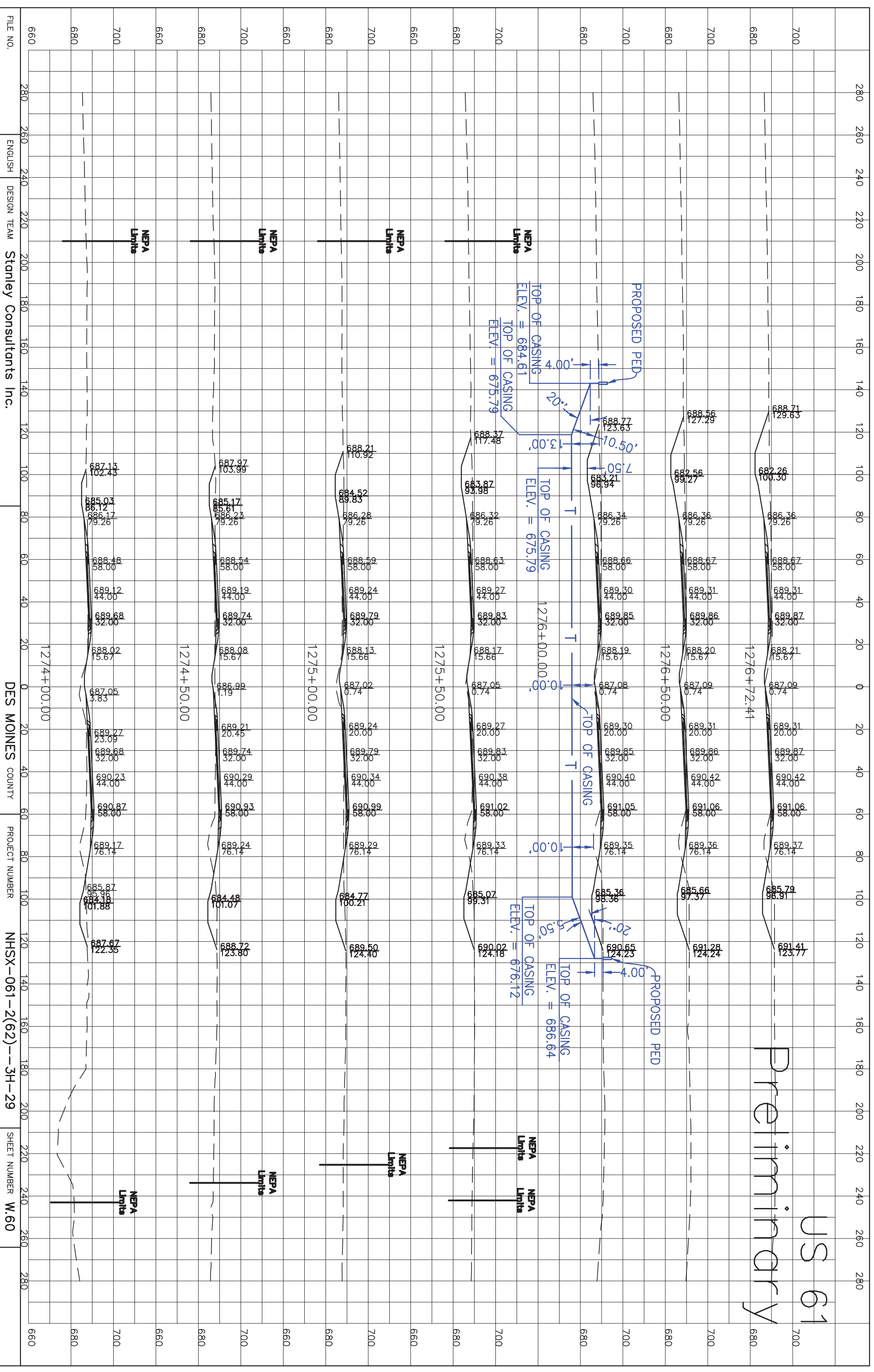
CenturyLink™
 CTL ENG: Brent Giese
 PHONE: _____
 E-MAIL: brenthgiese@centurylink.com
 N. _____

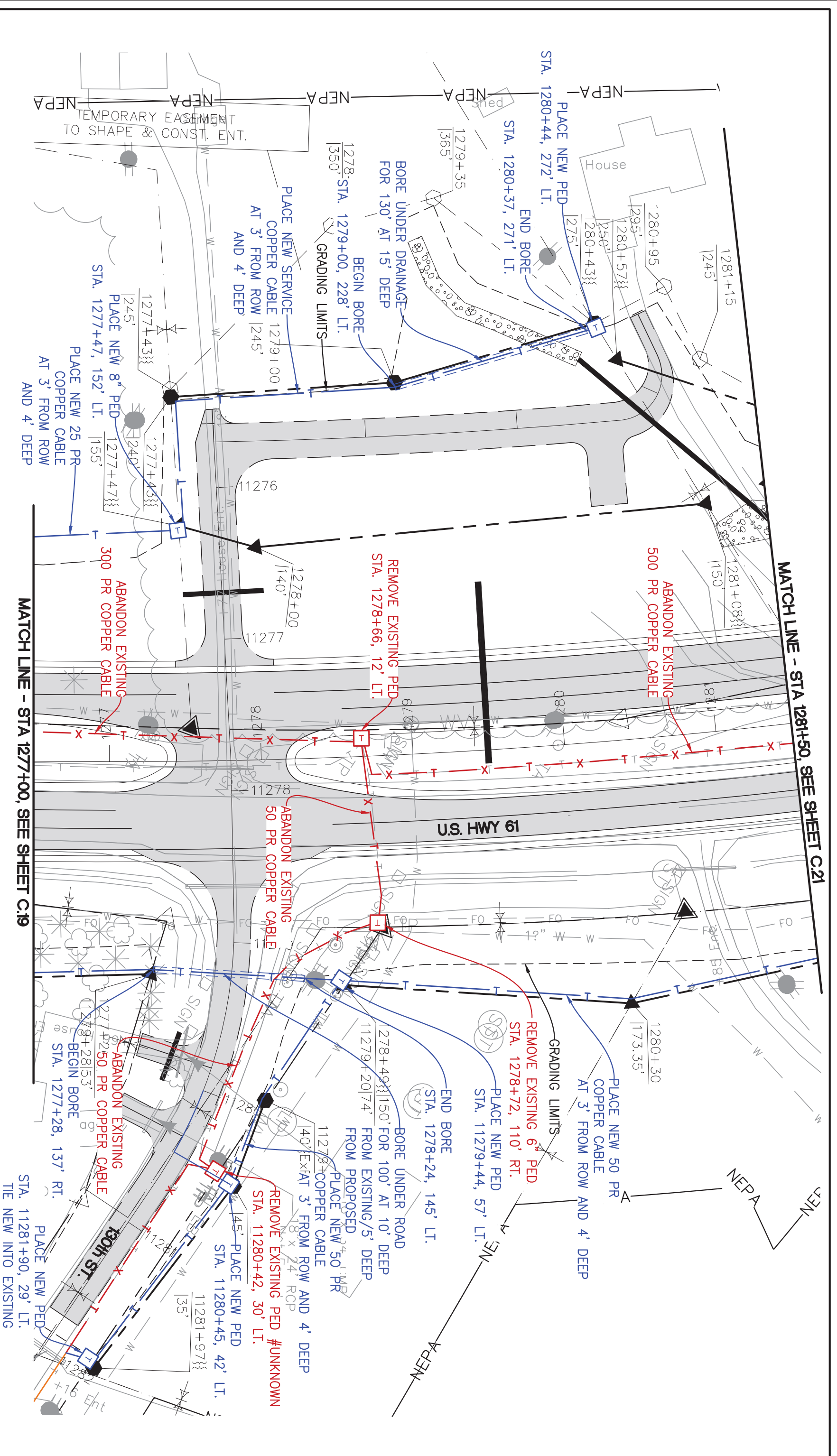
LEGEND	
	BURIED FIBER OPTIC
	BURIED TELEPHONE
	OVERHEAD TELEPHONE DUCT
	EXISTING
	EXISTING
	EXISTING
	REMOVE/ABANDON
	REMOVE/ABANDON
	REMOVE/ABANDON
	PROPOSED
	PROPOSED
	PROPOSED

*SEE SHEET B.2 FOR LEGENDS

Sheet
C.19
 Sheet 32 of 39

US 61 Preliminary

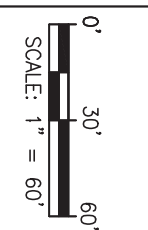




MATCH LINE - STA 1281+50, SEE SHEET C.21

MATCH LINE - STA 1277+00, SEE SHEET C.19

TERRA TECHNOLOGIES
 TT ENG: Stephanie Hellquist
 PHONE: 651-283-6774
 E-MAIL: shellquist@terratechllc.net
 TT# CL16.1000E
 http://www.terratechllc.net



IOWA - DEPARTMENT OF TRANSPORTATION - PROJECT #W8X-061-2(G2)-31-29
 Des Moines County, IA
U.S. Hwy 61
 CenturyLink Relocation Plans
 US HWY 61 (Sta 1277+00 - Sta. 1281+50)
 Project No.: CL16.1000E Date: Sep 26, 2017 File:

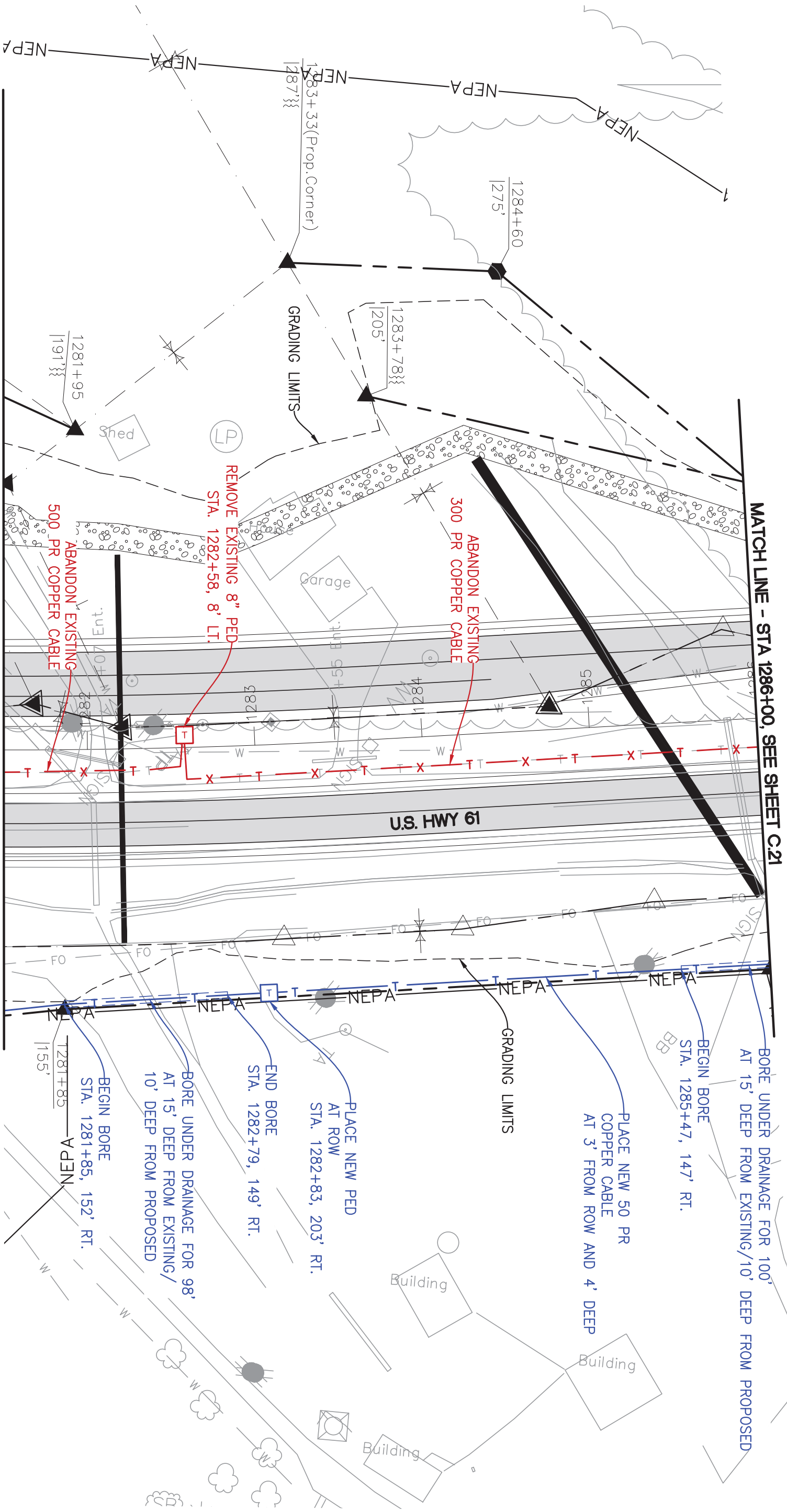
CenturyLink™
 CTL ENG: Brent Giese
 PHONE: 563-383-3333
 E-MAIL: brentgiese@centurylink.com
 N. Hwy 61

LEGEND

EXISTING	REMOVE/ABANDON	PROPOSED
BURIED FIBER OPTIC	-x-fo-x-	fo
BURIED TELEPHONE	-x-t-x-	t
BURIED TELEPHONE DUCT	-x-t-x-	t
OVERHEAD TELEPHONE	-x-oh-t-x-	oh-t

*SEE SHEET B.2 FOR LEGENDS

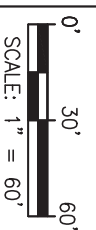
Sheet
C.20
 Sheet 31 of 39



MATCH LINE - STA 1286+00, SEE SHEET C21

MATCH LINE - STA 1281+50, SEE SHEET C21

TERRA TECHNOLOGISTS
 TT ENG: Stephanie Hellquist
 PHONE: 651-283-6774
 E-MAIL: shellquist@terratechllc.net
 TT# CL16.1000E
 http://www.terratechllc.net



IOWA - DEPARTMENT OF TRANSPORTATION - PROJECT #IHX-061-2(62)-31-29
 Des Moines County, IA
U.S. Hwy 61
 CenturyLink Relocation Plans
 US HWY 61 (Sta 1281+50 - Sta. 1286+00)
 Project No.: CL16.1000E | Date: Oct 05, 2017 | File:

CenturyLink™
 CTL ENG: Brent Giese
 PHONE:
 E-MAIL: brenthgiese@centurylink.com

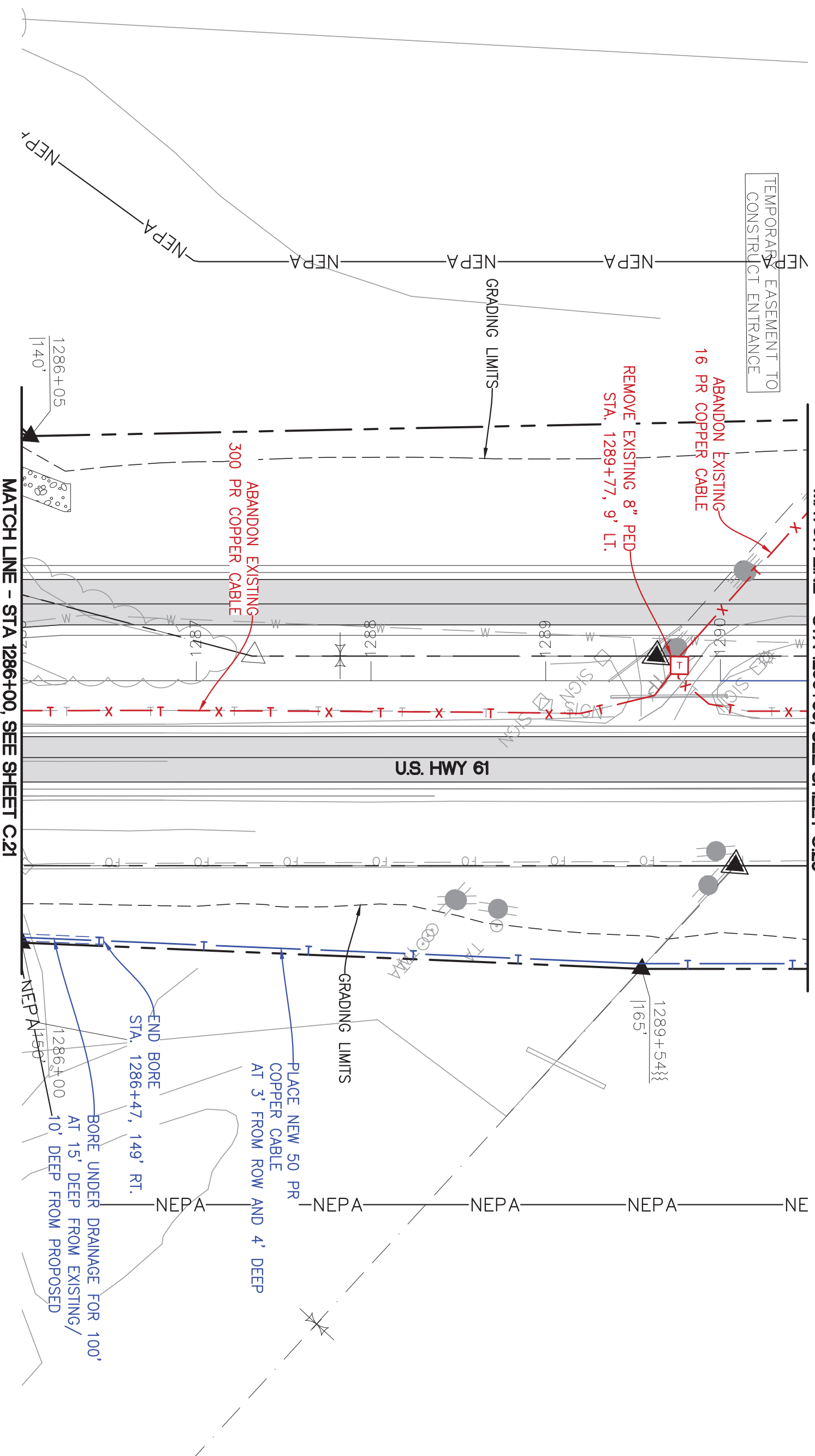
LEGEND

EXISTING	REMOVE/ABANDON	PROPOSED
BURIED FIBER OPTIC FO	FO	FO
BURIED TELEPHONE T	T	T
OVERHEAD TELEPHONE OHT	OHT	OHT

*SEE SHEET B.2 FOR LEGENDS

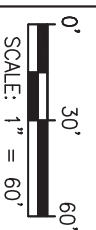
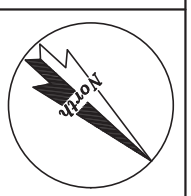
Sheet
C.21
 Sheet 35 of 39

MATCH LINE - STA 1290+50, SEE SHEET C.23



MATCH LINE - STA 1286+00, SEE SHEET C.21

TERRA TECHNOLOGIES
 TT ENG: Stephanie Hellquist
 PHONE: 651-283-6774
 E-MAIL: shellquist@terratechllc.net
 TT# CL16.1000E
 http://www.terratechllc.net



IOWA - DEPARTMENT OF TRANSPORTATION - PROJECT #IHX-061-2(62)-31-29
 Des Moines County, IA
U.S. Hwy 61
 CenturyLink Relocation Plans
 US HWY 61 (Sta 1286+00 - Sta. 1290+50)
 Project No.: CL16.1000E | Date: Oct 05, 2017 | File:

CenturyLink™
 CTL ENG: Brent Giese
 PHONE: _____
 E-MAIL: brenygiese@centurylink.com
 N. _____

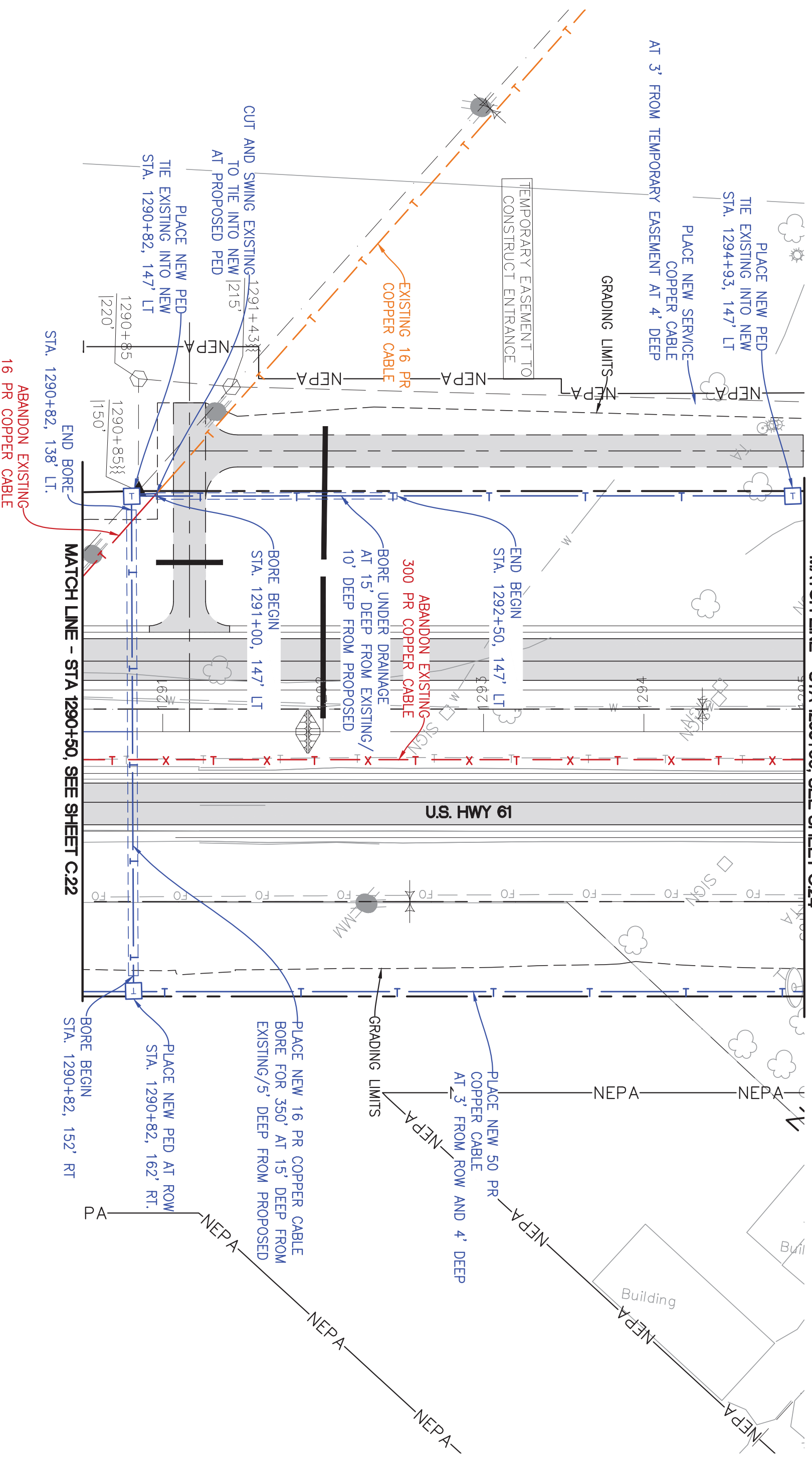
LEGEND

	EXISTING		PROPOSED
	EXISTING		PROPOSED
	EXISTING		PROPOSED
	EXISTING		PROPOSED
	REMOVE/ABANDON		
	REMOVE/ABANDON		
	REMOVE/ABANDON		
	REMOVE/ABANDON		
	REMOVE/ABANDON		
	REMOVE/ABANDON		
	REMOVE/ABANDON		
	REMOVE/ABANDON		
	REMOVE/ABANDON		
	REMOVE/ABANDON		

*SEE SHEET B.2 FOR LEGENDS

Sheet
C.22
 Sheet 36 of 39

MATCH LINE - STA 1295+00, SEE SHEET C.24



ABANDON EXISTING
16 PR COPPER CABLE

MATCH LINE - STA 1290+50, SEE SHEET C.22

IOWA - DEPARTMENT OF TRANSPORTATION - PROJECT #IHX-061-2(62)-31-29

U.S. Hwy 61

CenturyLink Relocation Plans

US HWY 61 (Sta 1290+50 - Sta. 1295+00)

Project No.: Q116.1000E Date: Oct 05, 2017 File:



CenturyLink
CTL ENG: Brent Giese
PHONE: _____
E-MAIL: brenthgiese@centurylink.com
N. _____

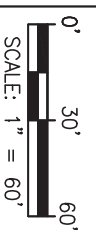
LEGEND

EXISTING	REMOVE/ABANDON	PROPOSED
BURIED FIBER OPTIC FO	FO	FO
BURIED TELEPHONE T	T	T
BURIED TELEPHONE DUCT OHT	OHT	OHT
OVERHEAD TELEPHONE FO	FO	FO
	T	T
	OHT	OHT

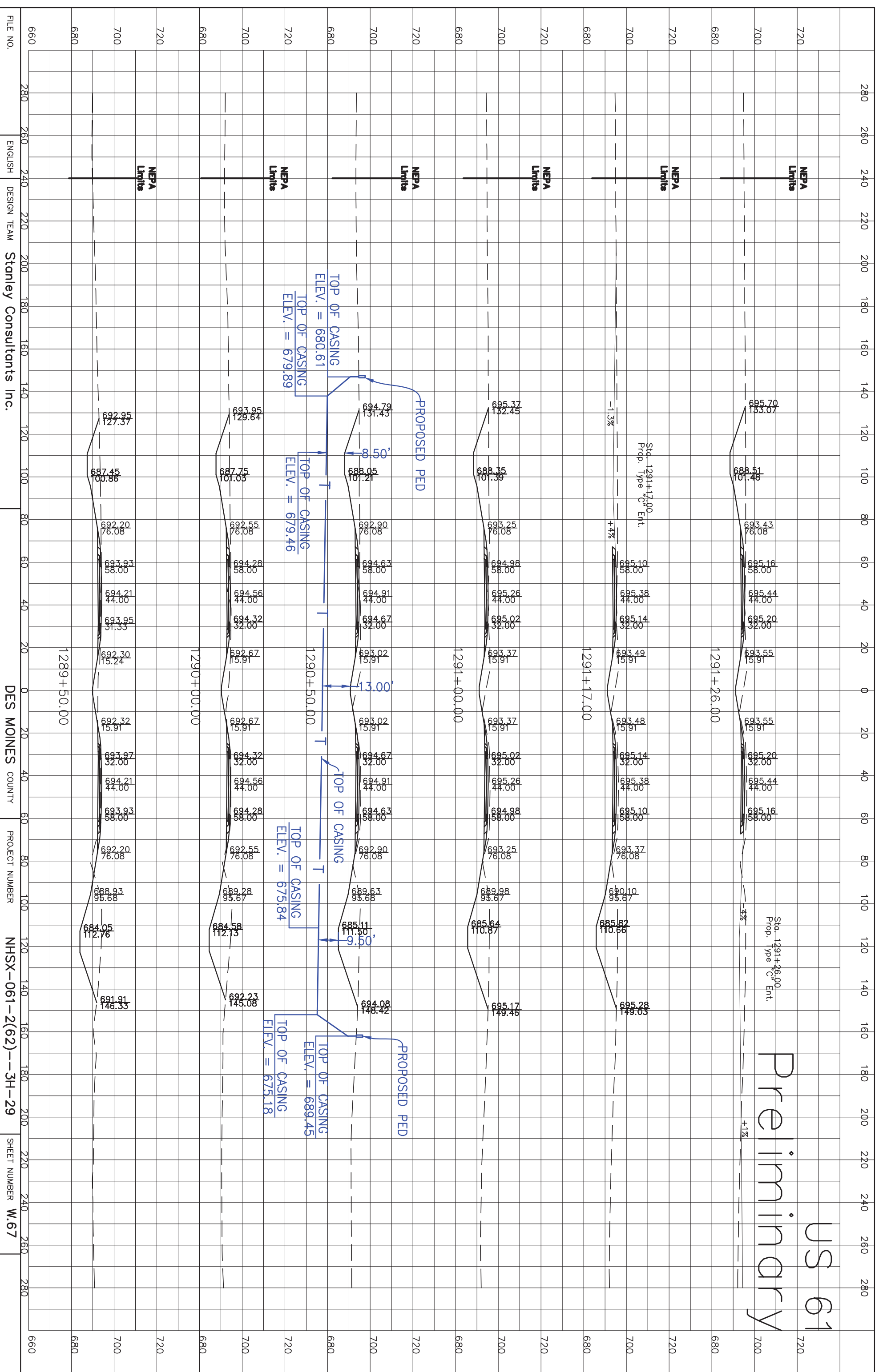
Sheet
C.23
Sheet 37 of 39

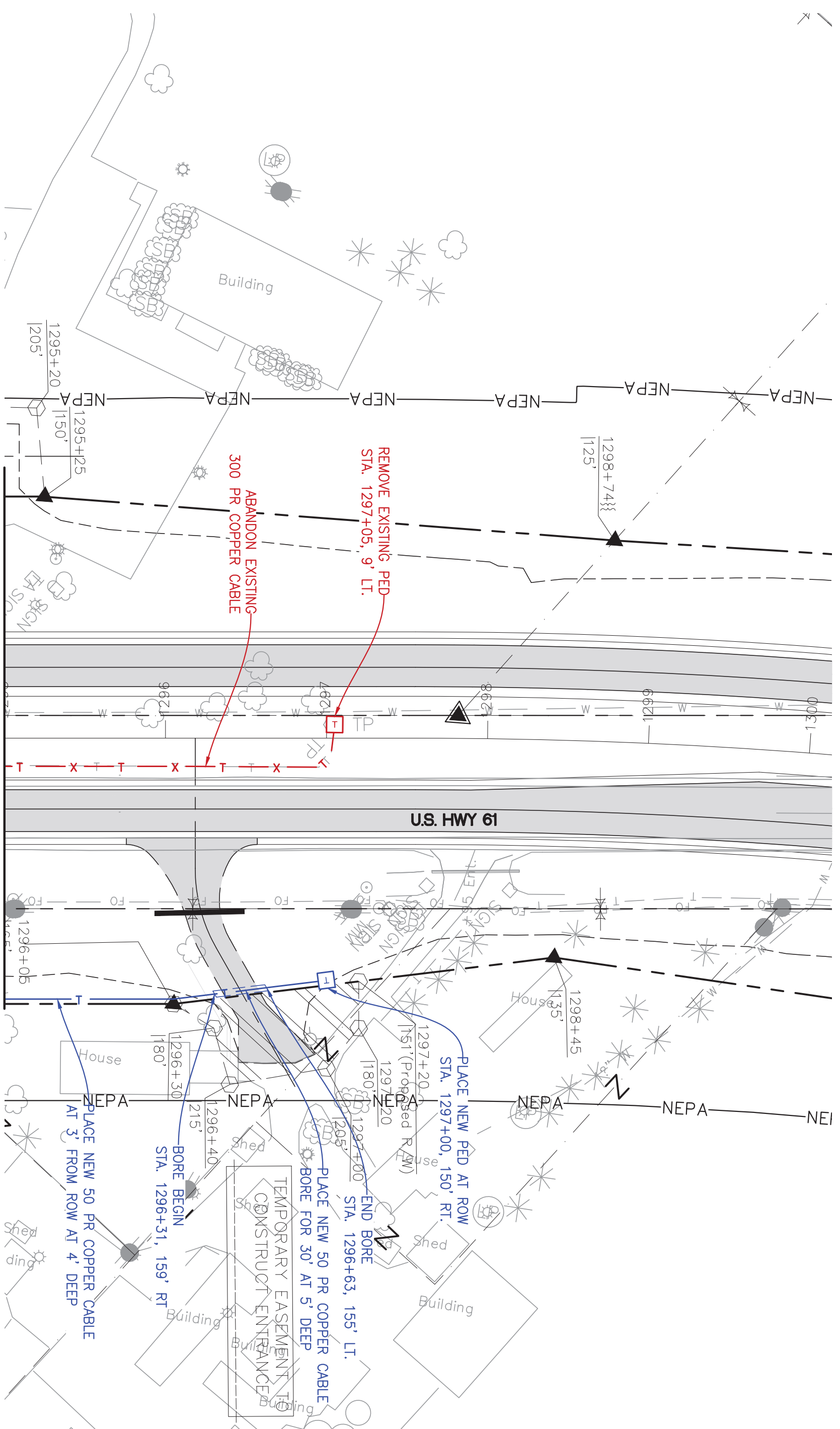


TT
TT ENG: Stephanie Hellquist
PHONE: 651-283-6774
E-MAIL: shellquist@terratechllc.net
TT# CL16.1000E
http://www.terratechllc.net

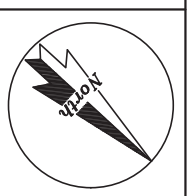


US 61 Preliminary





TERRA TECHNOLOGISTS
TTT
 TT ENG: Stephanie Hellquist
 PHONE: 651-283-6774
 E-MAIL: shellquist@terratechllc.net
 TT# CL16.1000E
 http://www.terratechllc.net



0'
 30'
 60'
 SCALE: 1" = 60'

IOWA - DEPARTMENT OF TRANSPORTATION - PROJECT #WBX-061-2(62)-31-29
 Des Moines County, IA
U.S. Hwy 61
CenturyLink Relocation Plans
 US HWY 61 (Sta 1295+00 - Sta. 1300+00)
 Project No.: CL16.1000E Date: Sep 26, 2017 File:

CenturyLink™
 CTL ENG: Brent Giese
 PHONE:
 E-MAIL: brenthgiese@centurylink.com

LEGEND

	EXISTING		REMOVE/ABANDON		PROPOSED
	BURIED FIBER OPTIC				
	BURIED TELEPHONE				
	BURIED TELEPHONE DUCT				
	OVERHEAD TELEPHONE				

*SEE SHEET B.2 FOR LEGENDS

Sheet
C.24
 Sheet 39 of 39



IOWA DOT

SMARTER | SIMPLER | CUSTOMER DRIVEN

www.iowadot.gov

Office of Traffic and Safety

800 Lincoln Way Ames, Iowa 50010

Phone: 515-239-1014

Email: bryan.bradley@dot.iowa.gov

Notification of width or height restrictions on Iowa primary highways – LANE CLOSURE RESTRICTIONS AND PROCEDURES

To: Contractors initiating a lane closure on public primary highways

Subject: Notification of width or height restrictions on Iowa primary highways

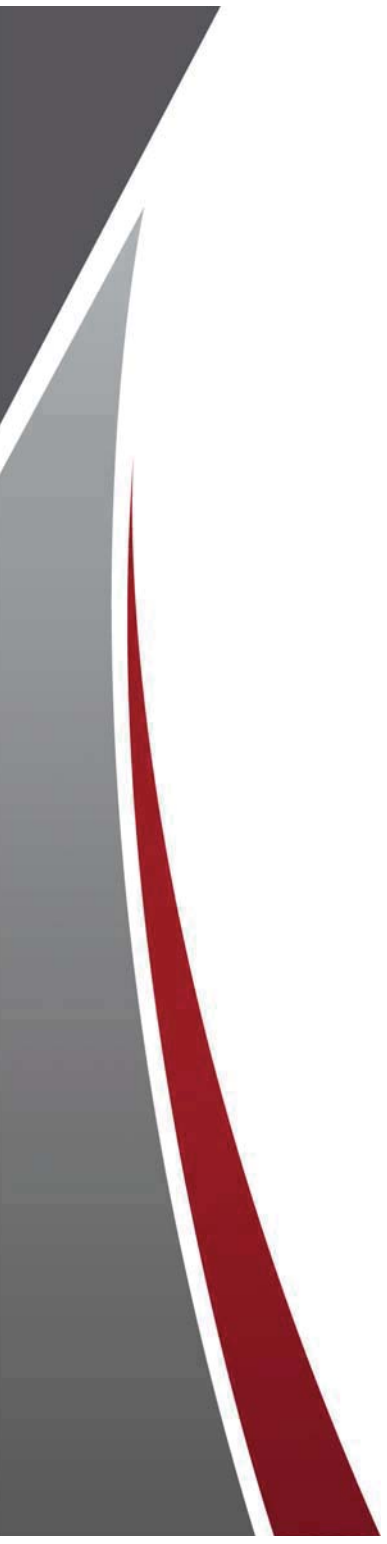
Date: February 17, 2014

In accordance with the stipulations on all Utility Accommodation permits, utilities may not obstruct or close primary highways without prior consent of the Iowa DOT, except in emergency situations. The permit holder must notify the DOT 48 hours in advance of its intention to start construction or perform routine maintenance on the highway right-of way. The purpose of this note is to remind you of these requirements and provide guidance on how to give proper notice and information to the Iowa DOT.

Even short term partial closures can have a significant impact on the operation of highway system. The Iowa DOT is working hard to improve the accuracy of the information provided by the Iowa 511 traveler information system, (<http://511a.org/>) but we need your help. Besides providing real-time information to the traveling public, this system is also used by the Iowa DOT to route oversize loads. Having accurate information on the location, extent and duration of lane restrictions is critical for their routing processes.

Before setting up a lane closure or any vertical/horizontal restriction on a primary highway, call your local Iowa DOT maintenance garage, as shown on the Iowa DOT Districts web page, <http://www.iowadot.gov/districtshome.html> to discuss timing and date of the closure/restriction.

Once the maintenance garage concurs with the timing and date, it is your responsibility to call the Iowa DOT Traffic Operations Center (TOC) at (515-239-1440). The TOC will add the information to the 511



system, which generates an automatic message to Iowa DOT Motor Carrier Services (MCS) and the District office.

This notification does not replace the need for a permit application. Permits are required for utility accommodation and for any and all work on right of way, except emergency work.

Except in emergency situations, 48 hour advance notice is the minimum required. The preference is for a 10 day notice as permits for oversize loads are issued up to 10 days in advance. If a 10 day notice is not possible, MCS will have to check for permitted loads on those routes for possible conflicts and work with the permit holders and DOT Maintenance office to resolve the conflicts. In emergency situations, notification should be provided as soon as possible.

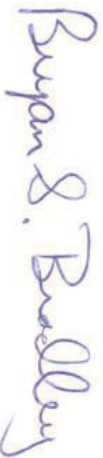
When providing notice to the Iowa DOT, you will need to supply detailed information about the restriction. It is advised you have this information (last 2 pages) when you call the TOC. The same detailed information to be provided is also listed at:

http://www.iowadot.gov/local_systems/mailing/2014/january/511_information_form.pdf.

If you have any questions, **please do not reply to this note**. Instead, you may contact either your local Iowa DOT maintenance garage or the TOC.

Thank you in advance for your cooperation.

Sincerely,

A handwritten signature in blue ink that reads "Bryan S. Bradley".

Bryan Bradley

State Utility Engineer

515-239-1014

bryan.bradley@iowa.gov

Iowa Department of Transportation

511 Information Required

Before setting up a lane closure or a vertical/horizontal restriction of any kind on a primary highway extension, call your local Iowa DOT maintenance garage to discuss timing and date of the closure/restriction. Once the maintenance garage concurs with the timing and date, call the Iowa DOT Traffic Operations Center (TOC) at **515-239-1440**. The TOC will put the information in the 511 system, which generates an automatic message to Iowa DOT Motor Carrier Services (MCS) and the District office.

The following information is required to enter a maintenance/construction event into the Iowa DOT 511 system.

Requestor: _____ Contact number: _____

Route(s) affected:

Project description:

Project begin location (detailed description including cross streets and mile markers):

Project end location (detailed description including cross streets and mile markers):

County/Counties:

24 hour project contact:

Name _____ Phone _____

Describe the impact on traffic:

- | | |
|--|--|
| <input type="checkbox"/> Closed | <input type="checkbox"/> Right lane closed |
| <input type="checkbox"/> Closed intermittently | <input type="checkbox"/> Left lane closed |
| <input type="checkbox"/> Intermittent lane closure | <input type="checkbox"/> Center lane closed |
| <input type="checkbox"/> Alternating lane closures | <input type="checkbox"/> Right shoulder closed |
| <input type="checkbox"/> Reduced to one lane | <input type="checkbox"/> Left Shoulder closed |
| <input type="checkbox"/> Reduced to two lanes | <input type="checkbox"/> Exit ramp closed |
| <input type="checkbox"/> Reduced to three lanes | <input type="checkbox"/> Entrance ramp closed |

- Two center lanes are closed
- Left exit ramp closed
- Shoulder closed
- Bridge closed
- Intersecting road closed
- Local road closures in area
- Left lane of exit ramp closed
- Road construction
- Work in the median
- Opposing traffic
- Single lane traffic alternating directions

Additional project information (pilot car, flagger, etc.):

Will there be temporary overhead signals? (15' standard height restriction)

- Yes
- No

If yes, please provide the location of the temporary overhead signals in the space provided.

Are there any other width or height restrictions:

- Yes
- No

If yes, please describe:

Additional public website comments:

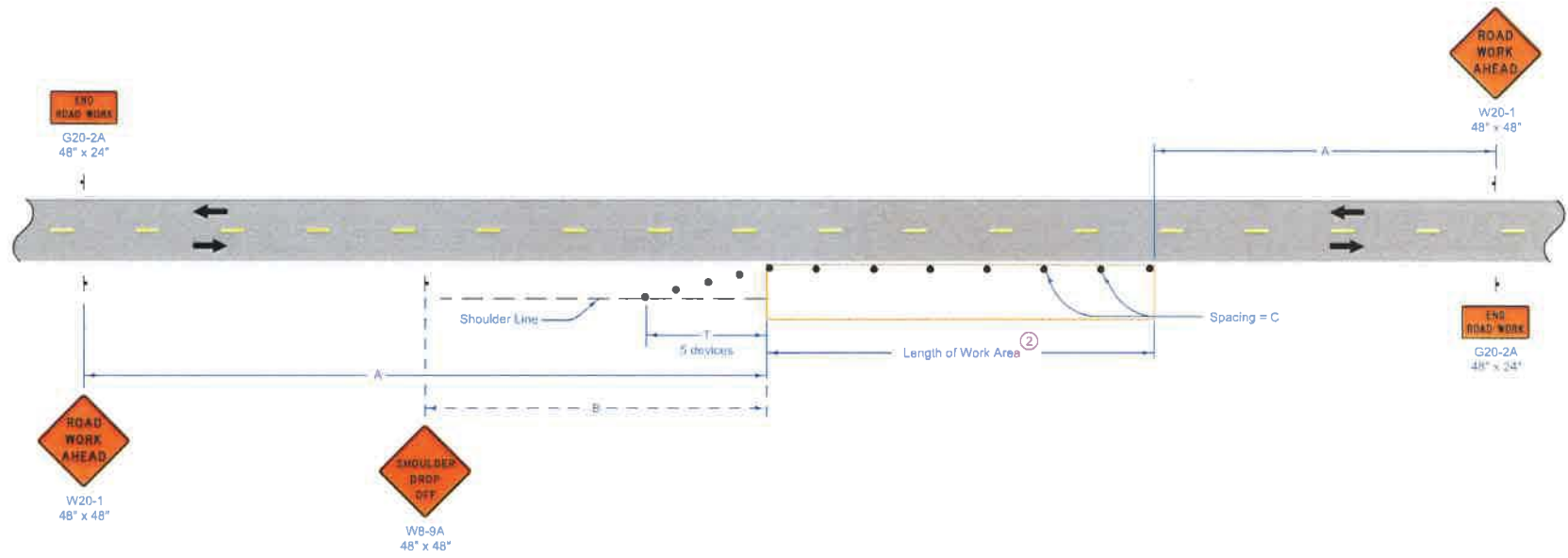
Project beginning date and time:

Project ending date and time:

Times of closure

- Continuous
- Weekdays (Monday – Friday)
- Nights

Times of closure:



LEGEND	
↑	Traffic Sign
•	42" Channelizer
▨	Work Area
←	Direction of Traffic

SPEED LIMIT (mph)	A	B	C ②	T
35 or less	500'	250'	40'	100'
40 - 45	700'	350'	80' ①	200'
50 or greater	1000'	500'	100' ①	200'

When a pavement edge drop-off exists, install a SHOULDER DROP-OFF sign.

No pavement edge drop-offs greater than pavement depth will be allowed during non-working hours.

Shoulder edge drop-offs shall be mitigated according to Article 1107.08.L2 of the Standard Specifications.

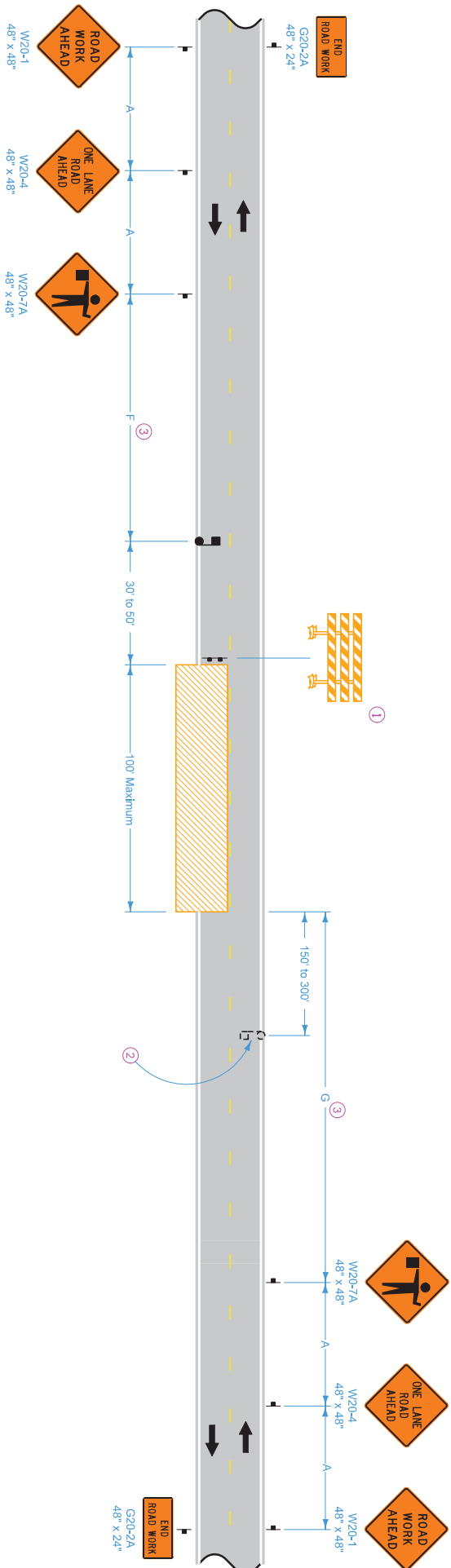
For work lasting less than one hour, refer to TC-1.

① When the length of a pavement edge drop-off is 1000 feet or less, the temporary fillet requirement of Article 1107.08 of the Standard Specifications does not apply. Reduce channelizer spacing to 40 feet.

② For work areas less than 200 feet long, use channelizers spaced at 20 foot centers or use a vehicle with an amber revolving light or amber strobe light.

Possible Contract Item:
Traffic Control

	REVISION
	A 04-21-15
STANDARD ROAD PLAN	TC-202
SHEET 1 of 1	
<small>REVISIONS: Modified general notes, changed title and replaced the DOT logo in the title block with the new version.</small>	
<small>APPROVED BY: [Signature]</small>	
WORK WITHIN 15 FT OF TRAVELED WAY	



LEGEND

- Traffic Sign
- Flagger
- Work Area
- Type III Barricade
- Direction of Traffic

SPEED LIMIT (mph)	A	F and G Range	F + G Max.
35 or less	250'	250'-3250'	3500'
40 - 45	350'	350'-3350'	3700'
50 or greater	500'	500'-3500'	4000'

- ① A vehicle with an amber revolving light or amber strobe light may be substituted for the Type III barricade.
- ② Provide a second flagger if:
 - The flagger's view of approaching traffic in the open lane is less than 1/4 mile or the work site is in an area of restricted sight distance (such as a "No Passing" zone); or
 - Excessive traffic delays are encountered.
- ③ F and G distances are to remain as near minimum values as work permits. However, to be able to move the work area without moving the advance signing, F and G distances may be varied within the limits of the table. Maximum movement can be achieved by setting one F or G value at the minimum and the other value at its maximum.

Possible Contract Items:
 Flaggers
 Traffic Control



STANDARD ROAD PLAN

TC-212

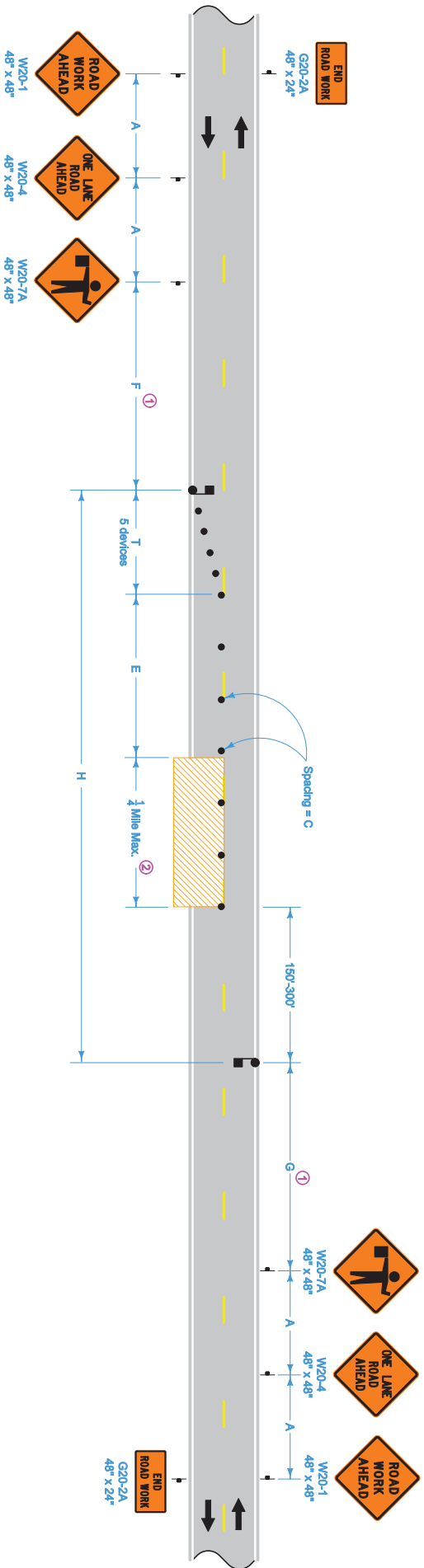
REVISIONS: Modified detail note 1.

APPROVED BY DESIGN METHOD'S ENGINEER

SPOT LOCATION LANE CLOSURE WITH FLAGGERS

REVISION
 4 04-16-13

SHEET 1 of 1



LEGEND

- Traffic Sign
- Flagger
- 42" Channelizer
- Work Area
- Direction of Traffic

SPEED LIMIT (mph)	A	C	E	F and G Range	F + G Max.	H Max.	T
35 or less	250'	40'	0'-200'	500'-3000'	3500'	2000'	50'
40 - 45	350'	80'	0'-200'	700'-3000'	3700'	2000'	100'
50 or greater	500'	100'	200'-300'	1000'-3000'	4000'	2000'	100'

- ① Keep F and G distances as near to minimum values as work permits. However, to allow advancement of the work area without moving signs, F and G distances may be varied within the limits of the table. Maximum movement can be achieved by setting one F or G value at the minimum and the other value at its maximum.
- ② If length of work area exceeds 1/4 mile, use TC-214.

Possible Contract Items:
 Flaggers
 Traffic Control

Iowa Department of Transportation

STANDARD ROAD PLAN

TC-213

SHEET 1 of 1

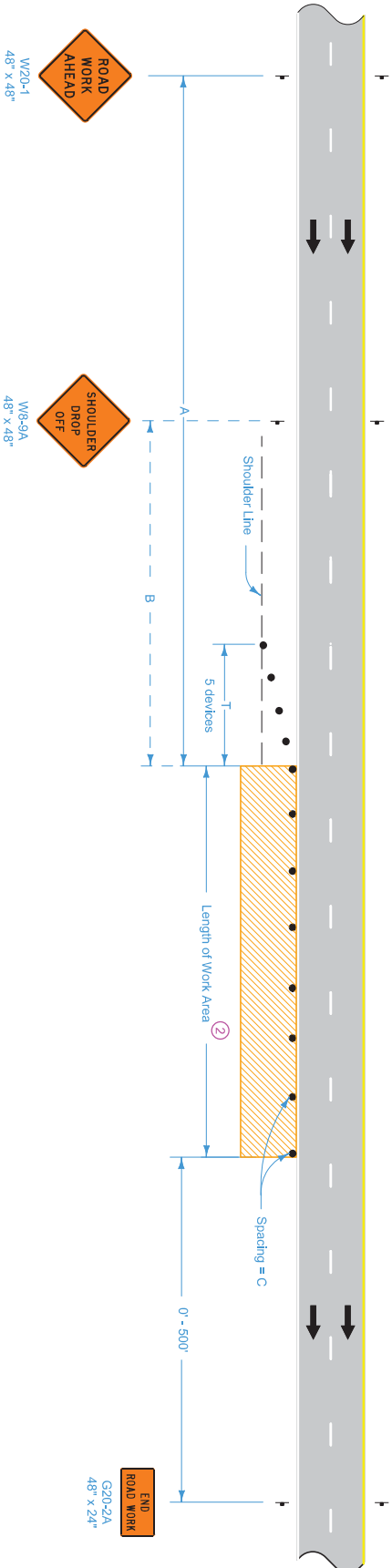
REVISION: 3 04-17-12

REVISION: Removed "or Vertical Panel" from 42" Channelizer in Legend.

APPROVED BY DESIGN METHOD'S ENGINEER

Deanne M. F. B.

LANE CLOSURE WITH FLAGGERS



LEGEND

-  Traffic Sign
- 42" Channelizer
-  Work Area
-  Direction of Traffic

SPEED LIMIT (mph)	A	B	C ⁽²⁾	T
40 or less	500'	250'	40'	100'
45 - 50	700'	350'	80' ⁽¹⁾	200'
55 - 60	1500'	500'	100' ⁽¹⁾	200'
65 - 70	1500'	500'	100' ⁽¹⁾	230'

When a pavement edge drop-off exists, install a **SHOULDER DROP-OFF** sign.


No pavement edge drop-offs greater than pavement depth will be allowed during non-working hours.

Shoulder edge drop-offs shall be mitigated according to Article 1107.08.L2 of the Standard Specifications.

For work lasting less than one hour, refer to TC-1.

- ⁽¹⁾ When the length of a pavement edge drop-off is 1000 feet or less, the temporary filter requirement of Article 1107.08 of the Standard Specifications does not apply. Reduce channelizer spacing to 40 feet.
- ⁽²⁾ For work areas less than 200 feet long, use channelizers spaced at 20 foot centers or use a vehicle with an amber revolving light or amber strobe light.

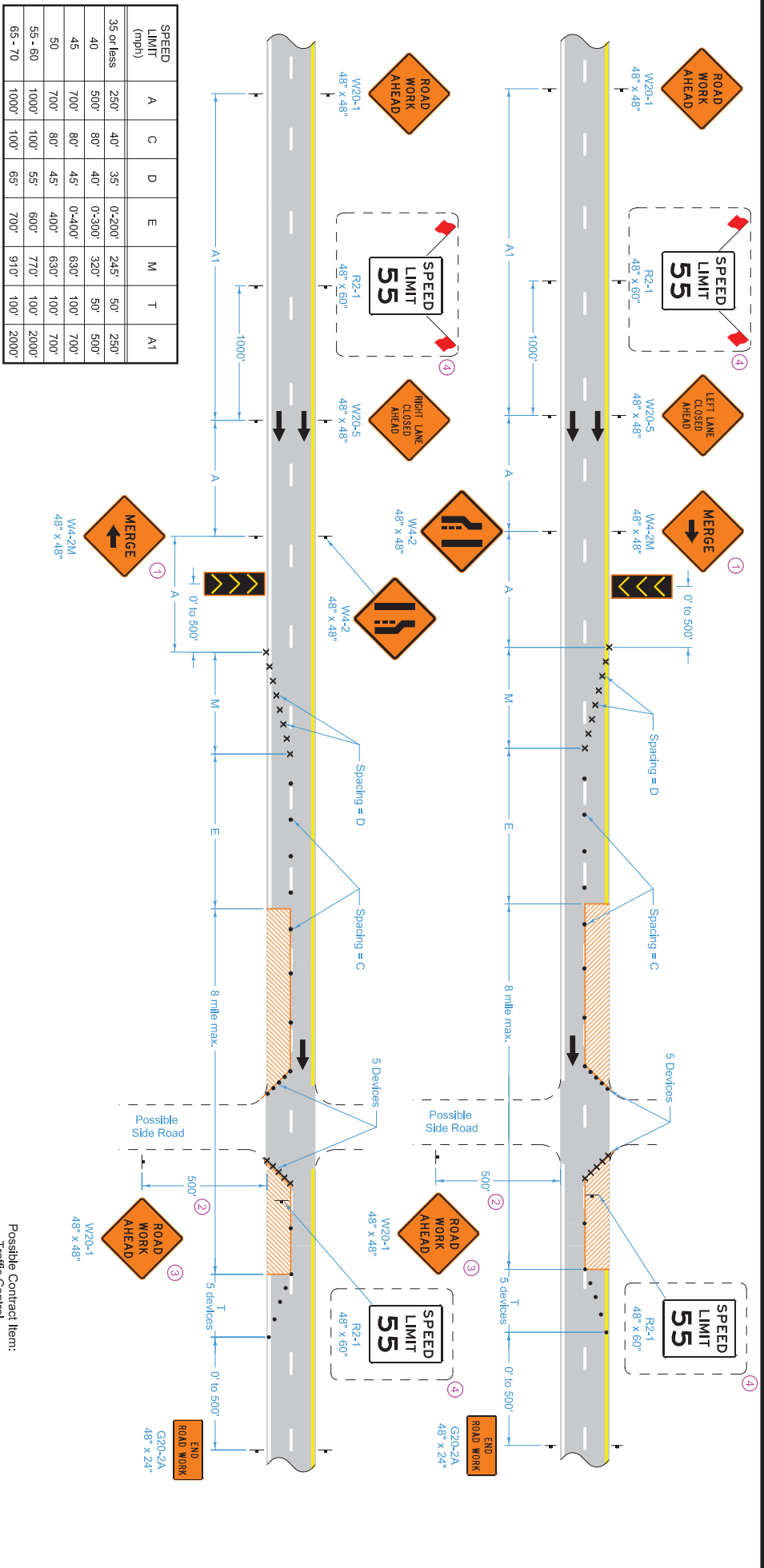
Possible Contract Item:
Traffic Control

 IOWA DOT STANDARD ROAD PLAN	TC-402 SHEET 1 of 1
	REVISION 8 04-21-15

REVISIONS: Modified general notes, changed title and replaced the DOT logo in the title block with the new version.

APPROVED BY DESIGN METHODS ENGINEER

WORK WITHIN 15 FT OF TRAVELED WAY



When the Average Daily Traffic (ADT) exceeds 20,000 vehicles per day or when a traffic queue extends beyond the advanced signing, place RIGHT/LANE CLOSED 4 MILES and RIGHT/LANE CLOSED 2 MILES signs (W20-5) on both sides of the roadway 4 miles and 2 miles in advance of the lane closure, respectively, as appropriate.

Where there is a lane line drop-off or rise, do not allow traffic to cross over the drop-off or rise, except for ramp locations where a BUMPS (W8-1) sign is placed.

Lane line drop-offs greater than a nominal 4 inches are not allowed during non-working hours.

1 Refer to S1-881 for sign details.

2 Where side road speed limit is 40 mph or less, a distance of 200 feet is allowed.

3 Place a ROAD WORK AHEAD sign on the opposite side of the intersection in a similar location.

4 For roadways with a posted speed limit of 60 mph or greater before road work:

Place SPEED LIMIT 55 signs prior to the lane closure as shown.

When the length of closure is greater than 1 mile, install SPEED LIMIT 55 signs in the closed lane at 1-mile intervals.

Remove or cover all existing signs that conflict with 55 mph speed limit while 55 mph speed limit is in effect.

Possible Contract Item:
Traffic Control

IOWA Department of Transportation

STANDARD ROAD PLAN

TC-418

REVISION: 8 10-15-13

SHEET 1 of 1

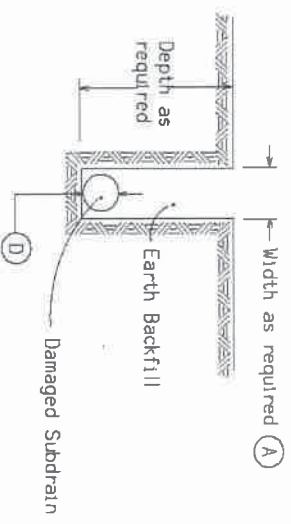
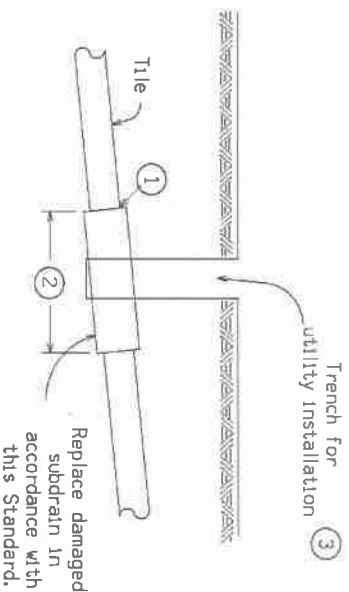
DESIGNER: [Signature]

APPROVED BY: [Signature]

DESIGN METHOD: [Signature]

LANE CLOSURE ON DIVIDED HIGHWAY

Tile Line Repair Guideline



Note:
Replacement of drainage tile shall be accomplished so as to cause the minimum of disturbance to existing field tile. The repaired drainage tile shall be left in a functional condition with special emphasis placed on maintaining existing flow line elevations.

(A) = A minimum of 24" shall be excavated outside the normal utility trench wall or such greater width as may be required to expose a minimum of 12" of undamaged drain tile.

REPLACEMENT SCHEDULE - CASE 'A'												
Existing Tile (D)	4	6	8	10	12	15	18	21	24	24	>24	
Proposed Subdrain Size												
Concrete Pipe	-	-	12	15	15	18	21	24	30	D+6"		
Coated C.M.P.	10	12	15	18	21	24	30	36	36	*		

* Replacement sizes provide equivalent capacity based on 6" settlement assuming a 0.20% slope with $n = 0.013$ for concrete pipe and $n = 0.025$ for corrugated pipe (Manning Formula)

NOTES:

Tile lines disturbed within the right-of-way (outside the Roadway Embankment Area *) limits shall be repaired as follows:

May be repaired with schedule 40 PVC pipe of compatible size or in accordance with the replacement schedule-case 'A' as listed above. Replacement with schedule 40 PVC pipe shall require using a connecting device of a Femco plain and plain flexible pipe coupling or equal.

Tile lines disturbed within the "Roadway Embankment Area" shall be replaced in accordance with the replacement schedule - case 'A' stated above and as follows:

① Concrete collar to be placed around joint where existing tile line and corrugated aluminumized metal pipe connect.

② Minimum length of corrugated metal pipe shall be 4 feet. Minimum length of 2 feet on each side of the tile line break location.

③ Trench shall be backfilled with 8 inches loose material, compacted to 6 inches with a minimum of 95% compaction of natural density.

A. Backfill and compact area around drain tile to be completed by hand until new tile is completely covered. Remainder of the trench shall be backfilled by acceptable methods.

B. Area shall require inspection by the Iowa Department of Transportation inspectors or their designated personnel prior to backfilling of trench.

* "Roadway Embankment Area" is defined as the area lying between the foreslopes of a two-lane roadway and from near foreslope to far foreslope of a four lane roadway.