

ANOKA COUNTY HIGHWAY DEPARTMENT
 1440 BUNKER LAKE BLVD. N.W.
 ANDOVER, MN 55304
 PERMIT PHONE (763) 324-3176

APPLICATION FOR PERMIT FOR INSTALLATION OF UTILITIES OR FOR PLACING OBSTRUCTIONS ON COUNTY HIGHWAY SYSTEM

SAP 002-614-048

OFFICE USE ONLY	
Permit Number	<u>22-270</u>
CSAH/C.R.	<u>CSAH 14 (125TH AVE NE)</u>
License/Permit Bond Required \$	<u>ON FILE</u>

N.813512

Permit Fee \$ 0

Name of applicant: Bill Byers / LUMEN	Telephone: 612-431-3527
Address (street, city, state, zip code): 425 Monroe St, Anoka MN 55303	
Name of individual/company performing work: Telcom Construction	
Nature of work: Place new cable and pedestals, transfer existing cable to new poles place by others, Adjust existing hand holes to grade and cables as needed.	Method of installation/construction: bore, plow
Address of work site: CSAH 14, see drawings	In the city/township of: Blaine
Surface to be disturbed: <input type="checkbox"/> Ditch <input type="checkbox"/> Gravel <input type="checkbox"/> Bituminous <input type="checkbox"/> Concrete <input type="checkbox"/> None	Is the shoulder to be disturbed? <input checked="" type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Number and size of excavations: (SEE NOTE →) 6 bore pits, 1x3x3. 1 trench to lower cable 2x1x10	Will traffic be obstructed in any way? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Size and kind of pipe/cable: 200, 50, 25 pair copper cable	Depth from surface: 30" to 8' under road
Work to start on or after: 05/01/2022 03/24/2022	Work to be completed by: 12/30/2022
Restrictions: Shall coordinate w/ACHD Project Rep Bruce Luikart - 763-324-3117.	

Number and size of excavations.
 How many pits/excavations are you planning and what size? When you break ground, it is considered an excavation. For boring, you will need at least one pit for the machine to start.

GENERAL INFORMATION

One permit must be approved for each County Road on which work will be performed prior to any work within the right-of-way by any utility/contractor. Emergency conditions which threaten the safety of the public and require immediate repair are exceptions to this rule. The utility/contractor, under these conditions, is permitted to begin and/or complete the necessary repairs. A written permit is to be completed at the earliest possible date.

A license-permit bond is generally required of the contractor, the amount of which will be determined by the nature of the utility work. A sketch or drawing shall accompany each permit application which will show the location of the proposed utility with reference to the county highway center line and right-of-way line. A complete set of plans is required for all sewer/water projects.

It shall be the responsibility of the applicant to determine which of the special conditions (listed on the reverse side of this form) apply to each permit.

The Anoka County Highway Department (ACHD) reserves the right to revoke any utility permit and halt work if, upon inspection of any job site, the special conditions listed on the reverse side of this form are not met and/or a hazard exists for the applicant or public safety is threatened.

The applicant shall notify ACHD immediately upon completion of project so that the ACHD can inspect the site to determine whether or not restoration has been satisfactorily completed.

I, We, the undersigned, herewith accept the terms and conditions of the regulations as laid down by the County of Anoka and agree to fully comply therewith to the satisfaction of the ACHD. The County of Anoka, its officials and employees shall be held harmless, by the permittee, from any demands, claims or suits arising out of the granting of the permit.	
Date <u>02/22/2022</u>	Applicant's Signature <u>Bill Byers</u>

AUTHORIZATION OF PERMIT

In consideration of the applicant's agreement to comply in all respects with the regulations of the ACHD covering such operations, permission is hereby granted for the work to be done as described in the above application. Said work to be done in accordance with the general conditions listed above and the special conditions required as hereby stated: (SEE REVERSE SIDE OF THIS FORM FOR SPECIAL CONDITIONS).

It is expressly understood that this permit is conditioned upon replacement or restoration of the County Highway and its right of way to their original or to a satisfactory condition. It is further understood that this permit is issued subject to the approval of local city or township authorities having joint supervision over said street or highway.

ANOKA COUNTY HIGHWAY DEPARTMENT

Approved by Joe MacPherson Issued by SB Date 03 / 24 / 2022
 Joseph J. MacPherson, PE
 Distribution: White-Applicant Yellow-Highway Department Permit Office

DETACH AND RETURN THIS STUB
 Permit Number _____

Date Completed ____/____/____

Name Of Applicant _____

Send to: Permit Section
 Anoka County Highway Department
 1440 Bunker Lake Blvd. N.W.
 Andover, MN 55304

CITY OF BLAINE - ANOKA COUNTY

CSAH 14, S.A.P. 002-614-048 125TH AVE NE REBUILD

LOCATED ON CSAH 14 FROM HARPERS ST TO LEXINGTON AVE (CSAH 17)

LUMEN WORK PLAN

N.813512 / CL20.82011 / TERR-1001583

PLANS PREPARED FOR



BILL BYERS
 BILL.BYERS@LUMEN.COM
 612 431 3527

SHAWN SCHOMMER
 SHAWN.SCHOMMER@LUMEN.COM
 763 786 0717
 BLAINE (BLANMNB)

PLANS PREPARED BY



TT ENGINEER: CHUCK DAHER
 PHONE: 612-298-2825
 EMAIL: CDAHER@TERRATECHLLC.NET

PROJECT CONTACT

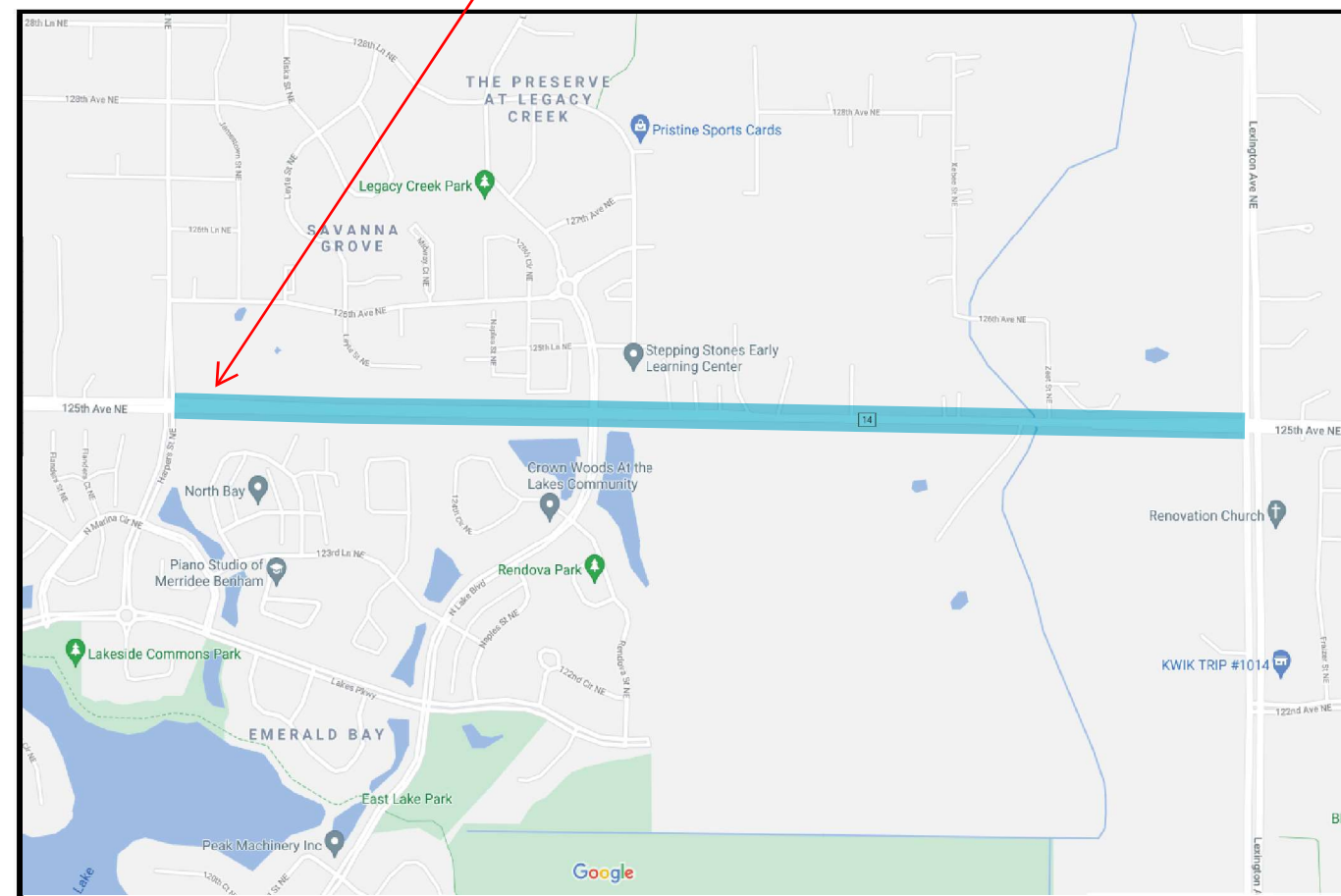
OWNER: ANOKA COUNTY (JORGE BERNAL-DELGADO)
 PHONE: 763-324-3100
 EMAIL: JORGE.BERNALDELGADO@CO.ANOKA.MN.US

PROJECT ENGINEER: JORGE BERNAL-DELGADO
 PHONE: 763-324-3100
 EMAIL: JORGE.BERNALDELGADO@CO.ANOKA.MN.US

SURVEY/STAKING: BRUCE LUKART
 PHONE: 763-274-8128
 EMAIL: BRUCE.LUKART@CO.ANOKA.MN.US

ROAD CONTRACTOR: TBD
 PHONE: TBD
 EMAIL: TBD

LOCAL ADDRESS:
 3101 125th Ave NE
 Blaine MN 55449



LOCATION MAP
 NOT TO SCALE

FOR REFERENCE ONLY

PERMITS REQUIRED: YES NO

- CITY: BLAINE
- COUNTY: ANOKA
- STATE: MN
- RAILROAD: N/A
- PIPELINE: N/A
- DNR: N/A
- MISCELLANEOUS: N/A

CUTS REQUIRED: YES NO

- FIBER OPTIC
- COPPER

MIGRATIONS REQUIRED: YES NO

PRECONSTRUCTION MEETING DATE: TBD

EXPECTED ROADWAY CONSTRUCTION START DATE: FEB 2022

NOTE:

CENTURYLINK FACILITIES ARE APPROXIMATE ONLY AND HAVE NOT BEEN POTHOLED. FOR REFERENCE ONLY.

SHEET 1 OF 17

REVISION	DATE



GOPHER STATE ONE CALL
 1-800-252-1100 OR
 1-651-454-0002
 WWW.GOPHERSTATEONCALL.ORG

THE 2018 EDITION OF THE MINNESOTA DEPARTMENT OF TRANSPORTATION "STANDARD SPECIFICATIONS FOR CONSTRUCTION" SHALL GOVERN

ALL TRAFFIC CONTROL DEVICES SHALL CONFORM TO THE LATEST EDITION OF THE MINNESOTA MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES, INCLUDING THE LATEST FIELD MANUAL FOR TEMPORARY TRAFFIC CONTROL ZONE LAYOUTS.

MINNESOTA DEPARTMENT OF TRANSPORTATION

ANOKA COUNTY

GRADING, AGGREGATE BASE, BITUMINOUS SURFACING, CURB AND GUTTER, STORM SEWER, AND SIGNAL SYSTEM

HARPERS ST NE AND CSAH 17

PROJ. NO. 002-614-048
CSAH 14

7090.11	FEET	1.343	MILES
0.00	FEET	0.000	MILES
0.00	FEET	0.000	MILES
7090.11	FEET	1.343	MILES

Legend

	EXISTING	REMOVE/ABANDON	PROPOSED
Existing Copper Cable			
Existing Fiber Cable			
Existing Overhead Wire			
Existing Pedestal			
Existing Manhole			
Existing Handhole			
Existing Pole			
Cross Box			

INDEX

SHEET NO.	DESCRIPTION
1	TITLE SHEET
2	GENERAL LAYOUT
3 - 5	STATEMENT OF ESTIMATED QUANTITIES
6	STANDARD PLATES, BASIS OF QUANTITIES, & TAB INDEX
7 - 10	TABULATIONS
11 - 13	EARTHWORK TABULATION, SUMMARY, & BALANCE
14	SOIL & CONSTRUCTION NOTES
15 - 16	INPLACE UTILITY TABULATIONS
17 - 29	INPLACE UTILITY PLANS
31 - 38	TYPICAL SECTIONS
39	INSETS AND DETAILS
41 - 46	PEDESTRIAN CURB RAMP STANDARD PLANS AND DETAILS
47 - 50	DRIVEWAY & SIDEWALK STANDARD PLANS AND DETAILS
51 - 61	EROSION CONTROL STANDARD PLANS AND DETAILS
62 - 79	STAGING PLANS
80 - 83	ALIGNMENT PLANS AND TABULATIONS
#EX#EXSS	EXISTING SIGNING & STRIPING PLANS
84 - 87	INPLACE TOPOGRAPHY & REMOVAL PLAN
88 - 94	CONSTRUCTION PLAN & PROFILE
96 - 99	WESTBOUND CSAH 14 PROFILE
100-103	INTERSECTION DETAILS
104-107	SUPERELEVATION PLAN
108-111	DRAINAGE TABULATIONS
112-120	DRAINAGE PLAN & PROFILE
121-123	DRAINAGE LEADS AND DETAILS
124-127	POND GRADING PLAN AND DETAILS
129-130	SWPPP NARRATIVE
131-134	EROSION CONTROL PLAN
#TC-#TC	TRAFFIC CONTROL PLAN AND TABULATIONS
#SIG#SIG	SIGNING & STRIPING PLAN, TABULATIONS, AND DETAILS
#SIG#SIG	TRAFFIC SIGNAL PLANS
135-209	CROSS SECTIONS

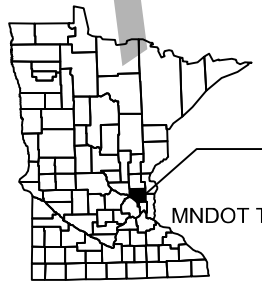
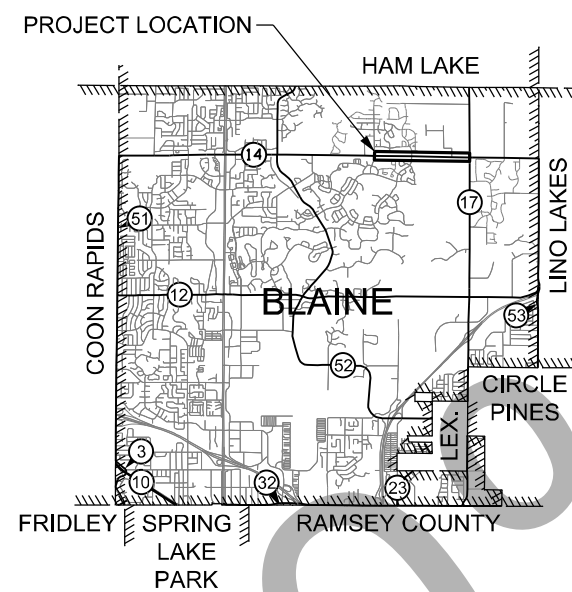
OVERPASS (Highway Over)	
UNDERPASS (Highway Under)	
BRIDGE	
BUILDING (One Story Frame)	
F-FRAME C-CONCRETE	
S-STONE T-TILE	
B-BRICK ST-STUCCO	
RAILROAD CROSSING BELL	
RAILROAD CROSSING GATE	
MANHOLE	
CATCH BASIN	
FIRE HYDRANT	
CAST IRON MONUMENT	
IRON PIN	
GRAVEL PIT	
SAND PIT	
BORROW PIT	
ROCK QUARRY	

UTILITY SYMBOLS

POWER POLE LINE	
TELEPHONE OR TELEGRAPH POLE LINE	
JOINT TELEPHONE & POWER ON POWER POLES	
ON TELEPHONE POLES	
ANCHOR	
STEEL TOWER	
STREET LIGHT	
PEDESTAL (Cable Terminal)	
GAS MAIN	
WATERMAIN	
TELEPHONE CABLE IN CONDUIT	
ELECTRIC CABLE IN CONDUIT	
TELEPHONE MANHOLE	
ELECTRIC MANHOLE	
BURIED TELEPHONE CABLE	
BURIED ELECTRIC CABLE	
OVERHEAD UTILITY CABLE	
SEWER (Sanitary or Storm)	
SEWER MANHOLE	

SCALES

PLAN	
PROFILE HORIZONTAL	
PROFILE VERTICAL	
X-SECTIONS HORIZONTAL	
X-SECTIONS VERTICAL	
INDEX MAP	



PROJECT LOCATION
CITY OF BLAINE
ANOKA COUNTY
MNDOT TRANSPORTATION DISTRICT - METRO
SECTION 2, 3, 10, 11
TOWNSHIP 31
RANGE 23

UTILITY QUALITY LEVEL NOTE:
THE SUBSURFACE UTILITY INFORMATION IN THIS PLAN IS UTILITY QUALITY LEVEL XXX. THIS UTILITY QUALITY LEVEL WAS DETERMINED ACCORDING TO THE GUIDELINES OF CI/ASCE 38-02, ENTITLED "STANDARD GUIDELINES FOR THE COLLECTION AND DEPICTION OF EXISTING SUBSURFACE UTILITY DATA."

DESIGN DESIGNATION (TRAIL)

DESIGN SPEED	20 MPH
BASED ON STOPPING SIGHT DISTANCE:	
HEIGHT OF EYE	3.83'
HEIGHT OF OBJECT	0.0'
DESIGN SPEED NOT ACHIEVED AT:	
STA.	_____ TO STA. _____ MPH _____

DESIGN DESIGNATION (CSAH 14)

ESAL ₂₀	2,546,000	FUNCTIONAL CLASSIFICATION	PRINCIPAL ARTERIAL
R VALUE	45	NO. OF TRAFFIC LANES	4
ADT (2022)	15,560	NO. OF PARKING LANES	0
PROJ. ADT (2042)	25,940	DESIGN SPEED	55 MPH
PROJ. HCA DT (2042)	721	BASED ON STOPPING SIGHT DISTANCE:	
SOIL FACTOR	N/A	HEIGHT OF EYE	3.5'
_____ 10 TON DESIGN		HEIGHT OF OBJECT	2.0'
		DESIGN SPEED NOT ACHIEVED AT:	
		STA.	_____ TO STA. _____ MPH _____

THIS PLAN CONTAINS 209 SHEETS

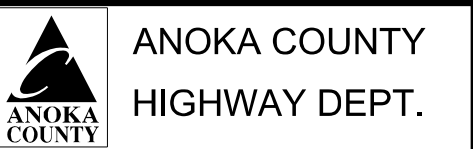
APPROVED _____	ANOKA COUNTY ENGINEER	DATE _____
APPROVED _____	CITY OF BLAINE ENGINEER	DATE _____
_____	DISTRICT STATE AID ENGINEER: REVIEWED FOR COMPLIANCE WITH STATE AID RULES/POLICY	DATE _____
_____	STATE AID ENGINEER: APPROVED FOR STATE AID FUNDING	DATE _____

NO	DATE	BY	CKD	APPR	REVISION

NAME: P:\002-614-048\Plan\002614048_TSH.dgn 07/07/2021 7:54:23 AM

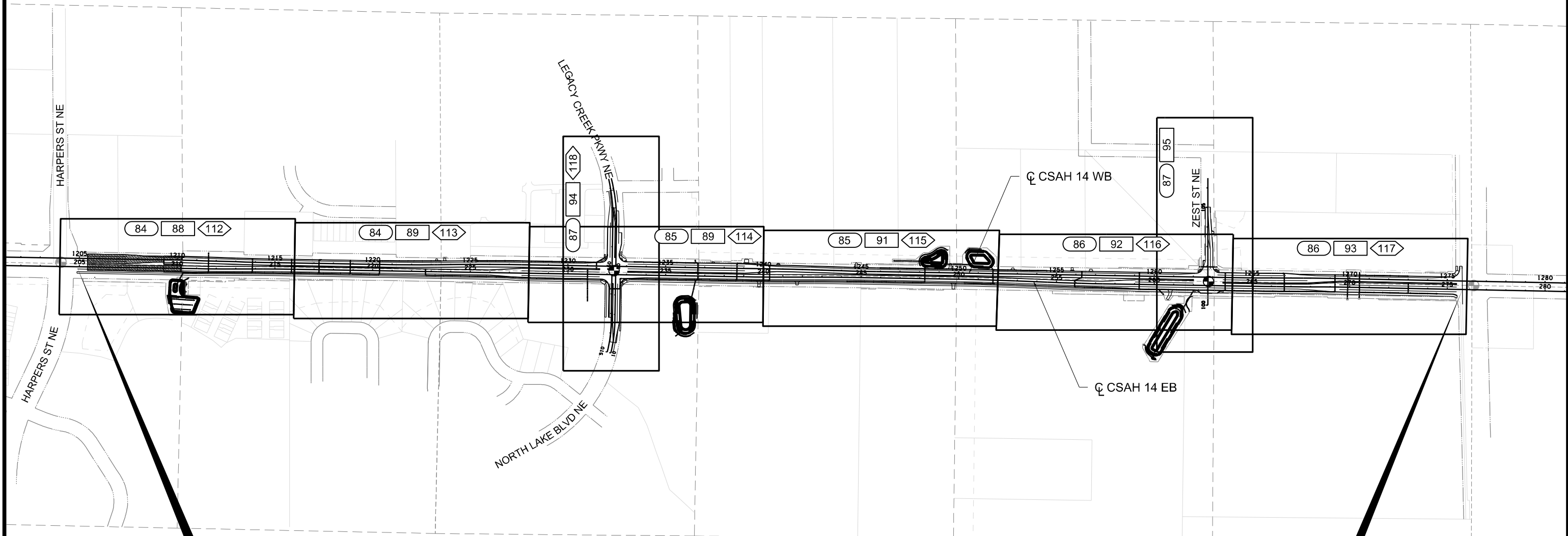
I HEREBY CERTIFY THAT THIS PLAN WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MINNESOTA.
PRINT NAME: JORGE R. BERNAL DELGADO
SIGNATURE: _____
DATE: _____ LICENSE NO. 57216

DRAWN BY BTU DATE 07/06/21
DESIGN BY JRB DATE 07/06/21
CHECKED BY NJD DATE 07/06/21



SAP 002-614-048





TITLE SHEET
SHEET 2 OF 17



BEGIN SAP 002-614-048
EB CSAH 14 STA. 204+87.62

END SAP 002-614-048
EB CSAH 14 STA. 275+77.73

LEGEND

-  INPLACE TOPOGRAPHY AND REMOVAL PLAN SHEET NUMBER
-  CONSTRUCTION PLAN SHEET NUMBER
-  STORM DRAINAGE PLAN SHEET NUMBER
-  SIGNAL SYSTEM




NO	DATE	BY	CKD	APPR	REVISION

NAME: P:\002-614-048\Plan\002614048_GL.dgn 07/07/2021 7:54:27 AM

I HEREBY CERTIFY THAT THIS PLAN WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MINNESOTA.
 PRINT NAME: JORGE R. BERNAL DELGADO
 SIGNATURE: _____
 DATE: _____ LICENSE NO. 57216

DRAWN BY BTU DATE 07/06/21
 DESIGN BY JRB DATE 07/06/21
 CHECKED BY NJD DATE 07/06/21



**ANOKA COUNTY
HIGHWAY DEPT.**

SAP 002-614-048

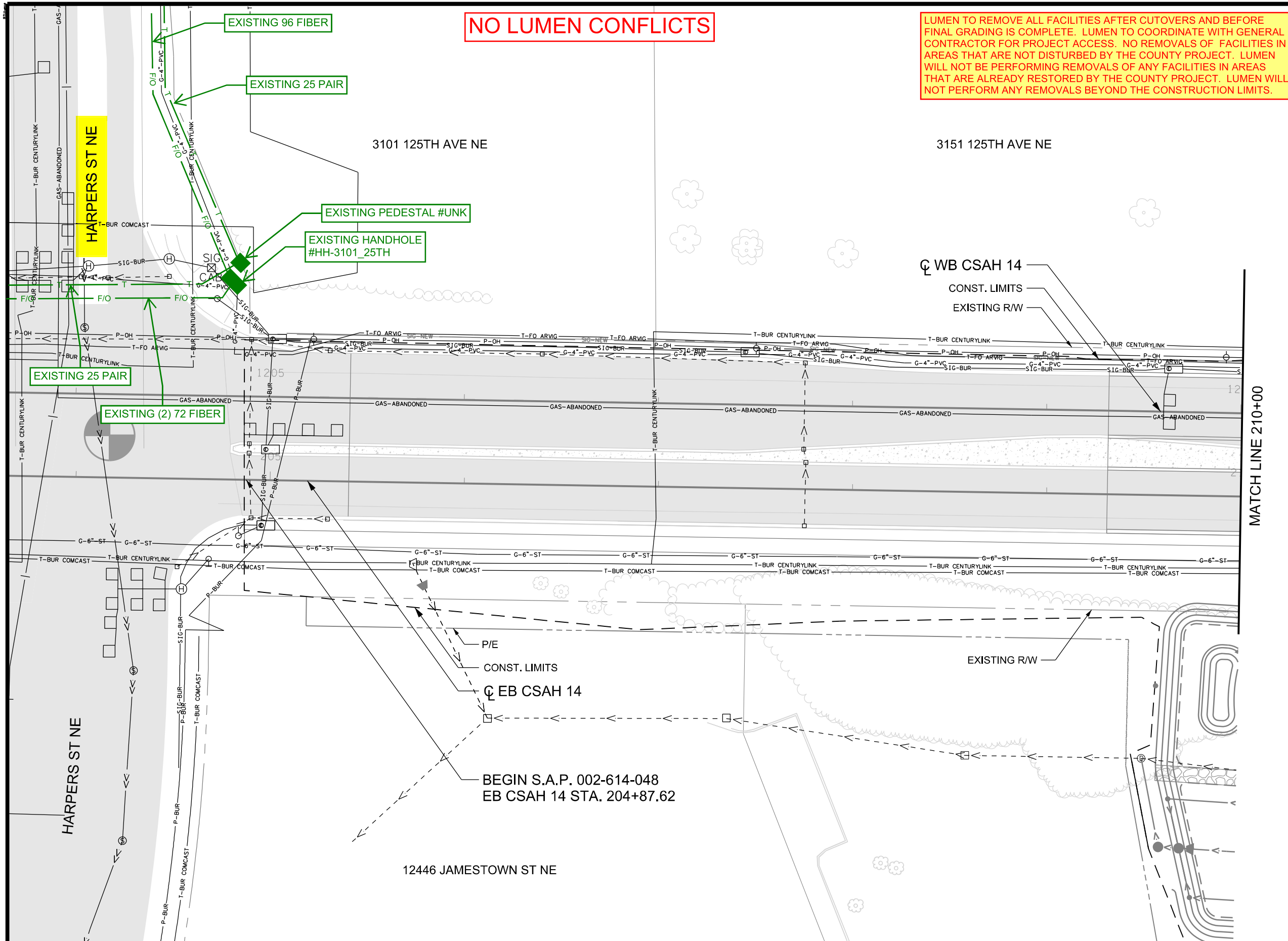
GENERAL LAYOUT
 STA 204+87.62 TO 275+77.73
 SHEET **3 OF 17**

NO LUMEN CONFLICTS

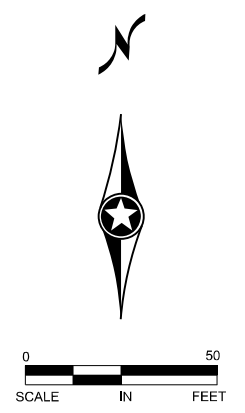
LUMEN TO REMOVE ALL FACILITIES AFTER CUTOVERS AND BEFORE FINAL GRADING IS COMPLETE. LUMEN TO COORDINATE WITH GENERAL CONTRACTOR FOR PROJECT ACCESS. NO REMOVALS OF FACILITIES IN AREAS THAT ARE NOT DISTURBED BY THE COUNTY PROJECT. LUMEN WILL NOT BE PERFORMING REMOVALS OF ANY FACILITIES IN AREAS THAT ARE ALREADY RESTORED BY THE COUNTY PROJECT. LUMEN WILL NOT PERFORM ANY REMOVALS BEYOND THE CONSTRUCTION LIMITS.

LEGEN **N.813512**

- G-X" -XX — CENTERPOINT ENERGY
- GAS-ABANDONED —
- T-FO ARVIG — ARVIG
- T-BUR CENTURYLINK — CENTURYLINK
- T-OH CENTURYLINK —
- T-BUR COMCAST — COMCAST
- T-OH COMCAST —
- P-BUR — CONNEXUS ENERGY
- P-OH —
- P-OH GREAT RIVER — GREAT RIVER ENERGY
- SIG-BUR — TRAFFIC SIGNAL
- SIG-NEW — PROPOSED TRAFFIC SIGNAL
- - - - - EXISTING STORM SEWER
- > - - - - PROPOSED STORM SEWER
- >> - - - - EXISTING SAN SEWER
- - - - - EXISTING WATER MAIN
- - - - - PROPOSED ROADWAY
- ▭ EXISTING ROADWAY
- ▭ EXISTING MEDIAN



MATCH LINE 210+00



NO	DATE	BY	CKD	APPR	REVISION

NAME: P:\002-614-048\Plan\002614048_UT_P1.dgn 07/07/2021 7:54:43 AM

I HEREBY CERTIFY THAT THIS PLAN WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MINNESOTA.
 PRINT NAME: JORGE R. BERNAL DELGADO
 SIGNATURE: _____
 DATE: _____ LICENSE NO. 57216

DRAWN BY BTU DATE 07/06/21
 DESIGN BY JRB DATE 07/06/21
 CHECKED BY NJD DATE 07/06/21

ANOKA COUNTY
HIGHWAY DEPT.

SAP 002-614-048

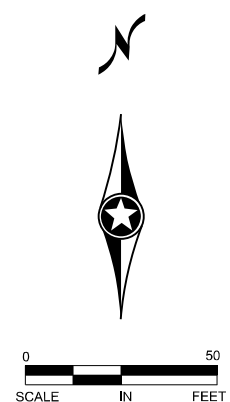
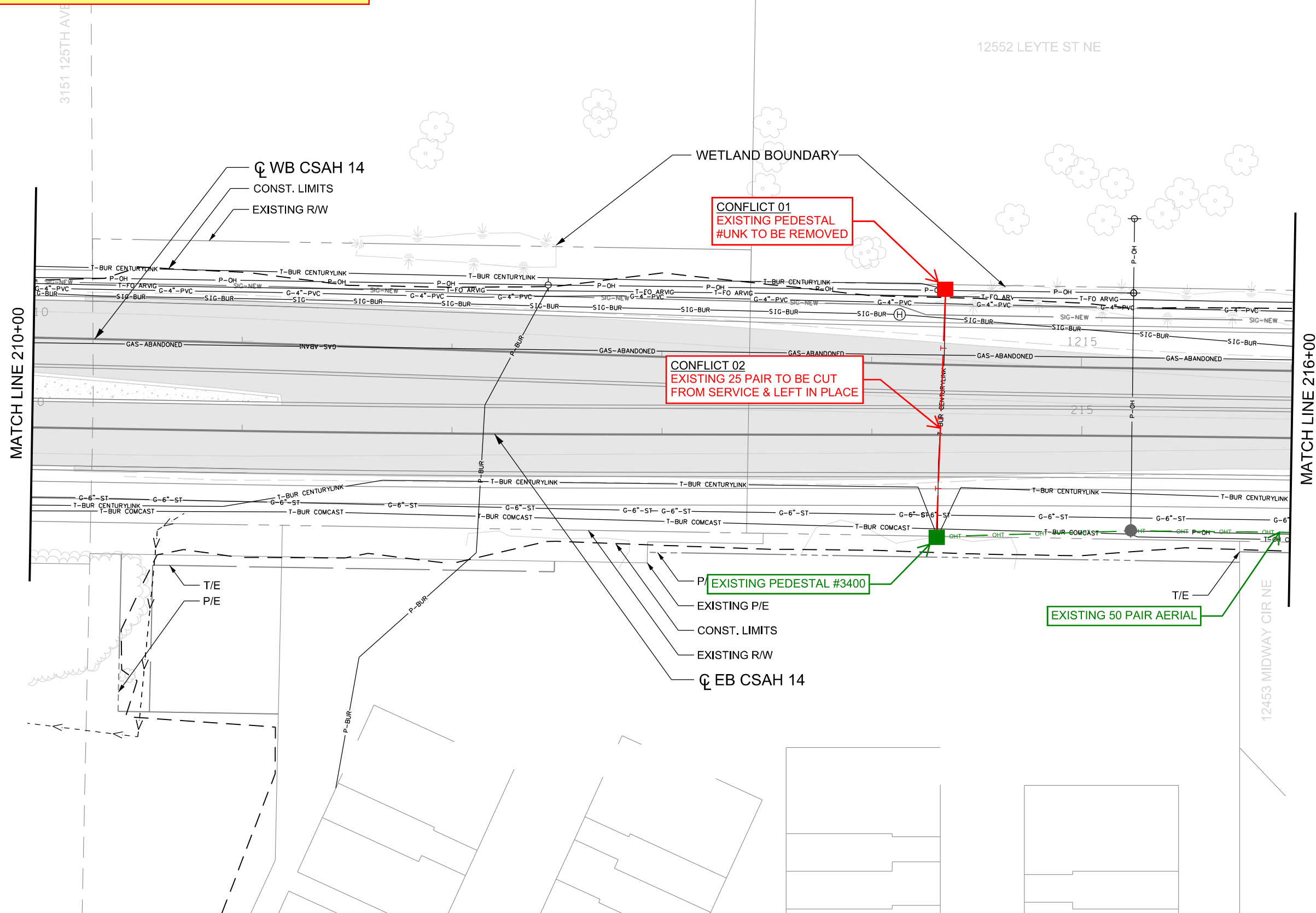
UTILITY PLAN
 CSAH 14
 STA 204+87.62 TO 210+00
SHEET 4 OF 17

LUMEN TO REMOVE ALL FACILITIES AFTER CUTOVERS AND BEFORE FINAL GRADING IS COMPLETE. LUMEN TO COORDINATE WITH GENERAL CONTRACTOR FOR PROJECT ACCESS. NO REMOVALS OF FACILITIES IN AREAS THAT ARE NOT DISTURBED BY THE COUNTY PROJECT. LUMEN WILL NOT BE PERFORMING REMOVALS OF ANY FACILITIES IN AREAS THAT ARE ALREADY RESTORED BY THE COUNTY PROJECT. LUMEN WILL NOT PERFORM ANY REMOVALS BEYOND THE CONSTRUCTION LIMITS.

LUMEN AERIAL CABLES ATTACHED TO CONNEXUS UTILITY POLES. COORDINATE WITH MAT RAUSCHENDORFER - (763) 218-4655.

LEGEND **N.813512**

- G-X" -XX — CENTERPOINT ENERGY
- GAS-ABANDONED —
- T-FO ARVIG — ARVIG
- T-BUR CENTURYLINK — CENTURYLINK
- T-OH CENTURYLINK —
- T-BUR COMCAST — COMCAST
- T-OH COMCAST —
- P-BUR — CONNEXUS ENERGY
- P-OH —
- P-OH GREAT RIVER — GREAT RIVER ENERGY
- SIG-BUR — TRAFFIC SIGNAL
- SIG-NEW — PROPOSED TRAFFIC SIGNAL
- - - - - EXISTING STORM SEWER
- > - - - - PROPOSED STORM SEWER
- >> - - - - EXISTING SAN SEWER
- | - - - - EXISTING WATER MAIN
- - - - - PROPOSED ROADWAY
- ▬ EXISTING ROADWAY
- ▨ EXISTING MEDIAN



NO	DATE	BY	CKD	APPR	REVISION
NAME: P:\002-614-048\Plan\002614048_UT_P2.dgn					

I HEREBY CERTIFY THAT THIS PLAN WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MINNESOTA.
 PRINT NAME: JORGE R. BERNAL DELGADO
 SIGNATURE: _____
 DATE: _____ LICENSE NO. 57216

DRAWN BY BTU DATE 07/06/21
 DESIGN BY JRB DATE 07/06/21
 CHECKED BY NJD DATE 07/06/21

ANOKA COUNTY
HIGHWAY DEPT.

SAP 002-614-048

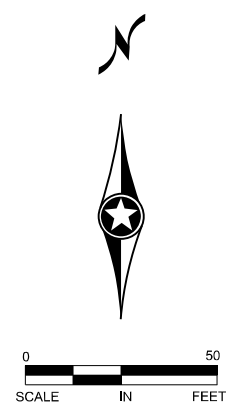
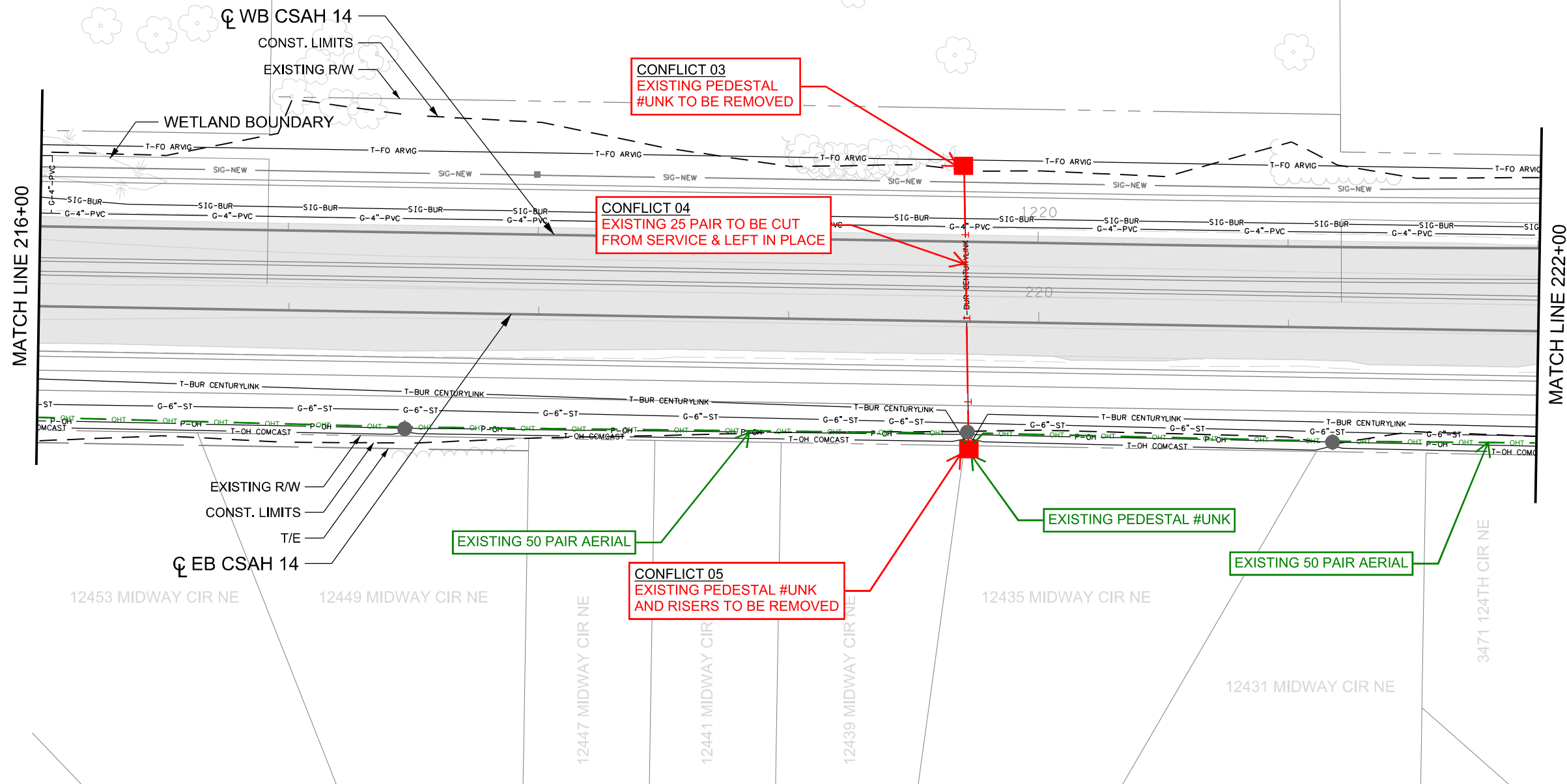
UTILITY PLAN
 CSAH 14
 STA 210+00 TO 216+00
 SHEET **5 OF 17**

LUMEN TO REMOVE ALL FACILITIES AFTER CUTOVERS AND BEFORE FINAL GRADING IS COMPLETE. LUMEN TO COORDINATE WITH GENERAL CONTRACTOR FOR PROJECT ACCESS. NO REMOVALS OF FACILITIES IN AREAS THAT ARE NOT DISTURBED BY THE COUNTY PROJECT. LUMEN WILL NOT BE PERFORMING REMOVALS OF ANY FACILITIES IN AREAS THAT ARE ALREADY RESTORED BY THE COUNTY PROJECT. LUMEN WILL NOT PERFORM ANY REMOVALS BEYOND THE CONSTRUCTION LIMITS.

LUMEN AERIAL CABLES ATTACHED TO CONNEXUS UTILITY POLES. COORDINATE WITH MAT RAUSCHENDORFER - (763) 218-4655.

LEGEND **N.813512**

- G-X" -XX — CENTERPOINT ENERGY
- GAS-ABANDONED —
- T-FO ARVIG — ARVIG
- T-BUR CENTURYLINK — CENTURYLINK
- T-OH CENTURYLINK —
- T-BUR COMCAST — COMCAST
- T-OH COMCAST —
- P-BUR — CONNEXUS ENERGY
- P-OH —
- P-OH GREAT RIVER — GREAT RIVER ENERGY
- SIG-BUR — TRAFFIC SIGNAL
- SIG-NEW — PROPOSED TRAFFIC SIGNAL
- - - - - EXISTING STORM SEWER
- > - - - - PROPOSED STORM SEWER
- >> - - - - EXISTING SAN SEWER
- | - - - - EXISTING WATER MAIN
- - - - - PROPOSED ROADWAY
- ▬ EXISTING ROADWAY
- ▨ EXISTING MEDIAN

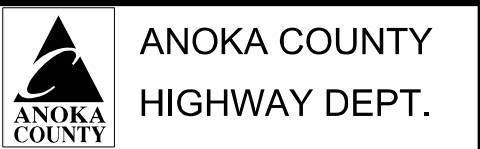


NO	DATE	BY	CKD	APPR	REVISION

NAME: P:\002-614-048\Plan\002614048_UT_P3.dgn 07/07/2021 7:54:45 AM

I HEREBY CERTIFY THAT THIS PLAN WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MINNESOTA.
 PRINT NAME: JORGE R. BERNAL DELGADO
 SIGNATURE: _____
 DATE: _____ LICENSE NO. 57216

DRAWN BY BTU DATE 07/06/21
 DESIGN BY JRB DATE 07/06/21
 CHECKED BY NJD DATE 07/06/21



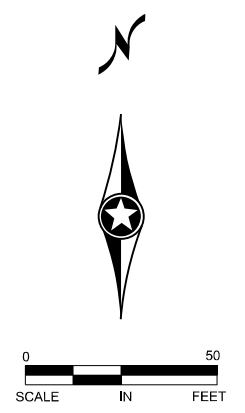
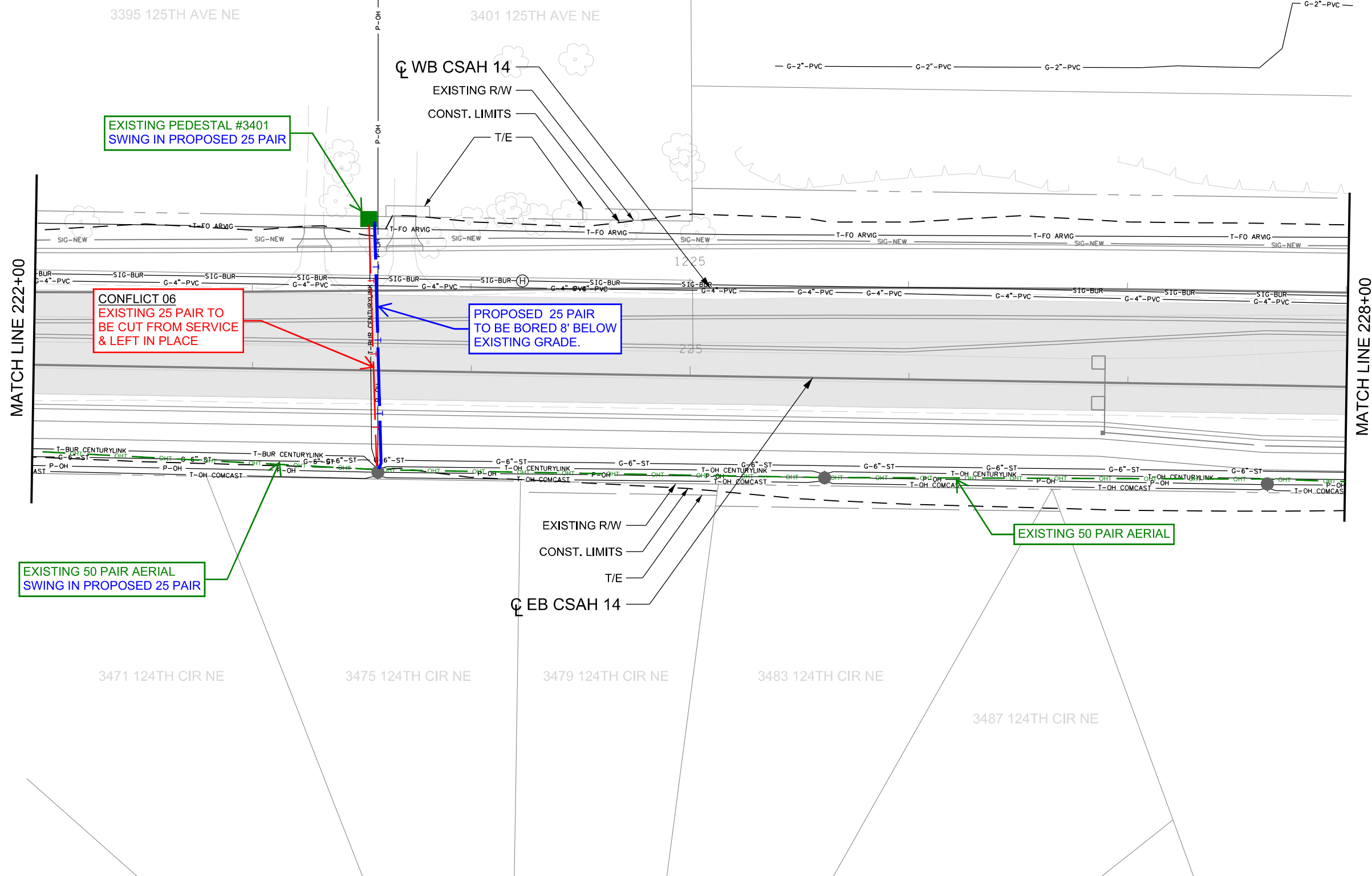
SAP 002-614-048
 UTILITY PLAN
 CSAH 14
 STA 216+00 TO 222+00
 SHEET 6 OF 17

LUMEN TO REMOVE ALL FACILITIES AFTER CUTOVERS AND BEFORE FINAL GRADING IS COMPLETE. LUMEN TO COORDINATE WITH GENERAL CONTRACTOR FOR PROJECT ACCESS. NO REMOVALS OF FACILITIES IN AREAS THAT ARE NOT DISTURBED BY THE COUNTY PROJECT. LUMEN WILL NOT BE PERFORMING REMOVALS OF ANY FACILITIES IN AREAS THAT ARE ALREADY RESTORED BY THE COUNTY PROJECT. LUMEN WILL NOT PERFORM ANY REMOVALS BEYOND THE CONSTRUCTION LIMITS.

LUMEN AERIAL CABLES ATTACHED TO CONNEXUS UTILITY POLES. COORDINATE WITH MAT RAUSCHENDORFER - (763) 218-4655.

LEGEND **N.813512**

- G-X"-XX — CENTERPOINT ENERGY
- GAS-ABANDONED —
- T-FO ARVIG — ARVIG
- T-BUR CENTURYLINK — CENTURYLINK
- T-OH CENTURYLINK —
- T-BUR COMCAST — COMCAST
- T-OH COMCAST —
- P-BUR — CONNEXUS ENERGY
- P-OH —
- P-OH GREAT RIVER — GREAT RIVER ENERGY
- SIG-BUR — TRAFFIC SIGNAL
- SIG-NEW — PROPOSED TRAFFIC SIGNAL
- - - - - EXISTING STORM SEWER
- > - - - - PROPOSED STORM SEWER
- >> - - - - EXISTING SAN SEWER
- | - - - - EXISTING WATER MAIN
- - - - - PROPOSED ROADWAY
- █ EXISTING ROADWAY
- █ EXISTING MEDIAN

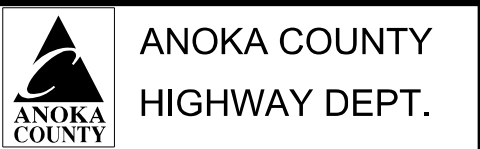


NO	DATE	BY	CKD	APPR	REVISION

NAME: P:\002-614-048\Plan\002614048_UT_P4.dgn 07/07/2021 7:54:45 AM

I HEREBY CERTIFY THAT THIS PLAN WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MINNESOTA.
 PRINT NAME: JORGE R. BERNAL DELGADO
 SIGNATURE: _____
 DATE: _____ LICENSE NO. 57216

DRAWN BY BTU DATE 07/06/21
 DESIGN BY JRB DATE 07/06/21
 CHECKED BY NJD DATE 07/06/21



SAP 002-614-048

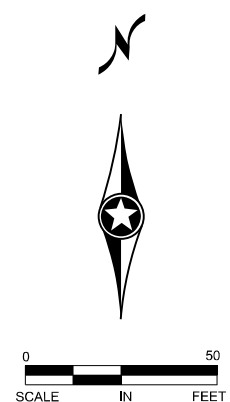
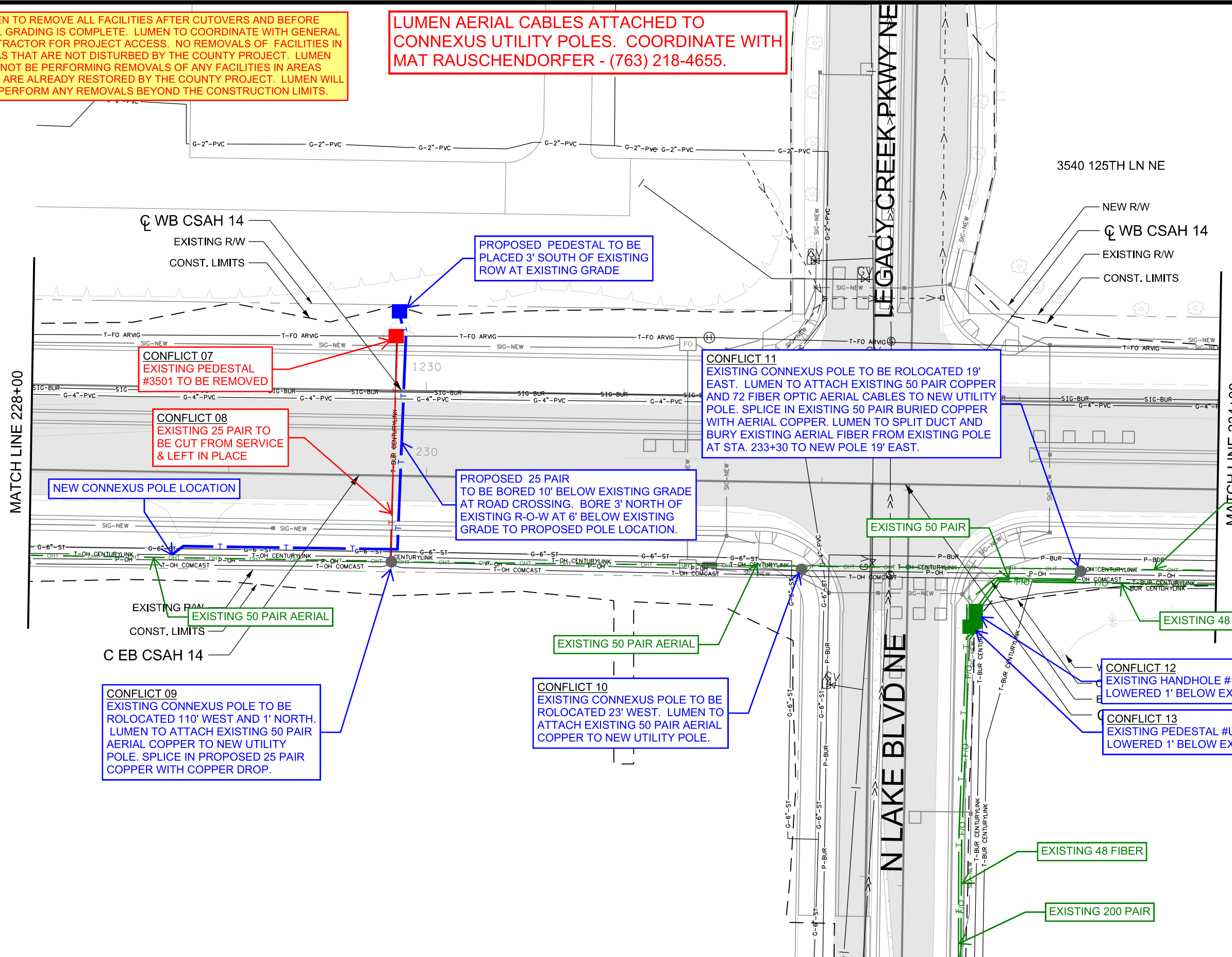
UTILITY PLAN
 CSAH 14
 STA 222+00 TO 228+00
SHEET 7 OF 17

LUMEN TO REMOVE ALL FACILITIES AFTER CUTOVERS AND BEFORE FINAL GRADING IS COMPLETE. LUMEN TO COORDINATE WITH GENERAL CONTRACTOR FOR PROJECT ACCESS. NO REMOVALS OF FACILITIES IN AREAS THAT ARE NOT DISTURBED BY THE COUNTY PROJECT. LUMEN WILL NOT BE PERFORMING REMOVALS OF ANY FACILITIES IN AREAS THAT ARE ALREADY RESTORED BY THE COUNTY PROJECT. LUMEN WILL NOT PERFORM ANY REMOVALS BEYOND THE CONSTRUCTION LIMITS.

LUMEN AERIAL CABLES ATTACHED TO CONNEXUS UTILITY POLES. COORDINATE WITH MAT RAUSCHENDORFER - (763) 218-4655.

LEGEND **N.813512**

- G-X"-XX — CENTERPOINT ENERGY
- GAS-ABANDONED —
- T-FO ARVIG — ARVIG
- T-BUR CENTURYLINK — CENTURYLINK
- T-OH CENTURYLINK —
- T-BUR COMCAST — COMCAST
- T-OH COMCAST —
- P-BUR — CONNEXUS ENERGY
- P-OH —
- P-OH GREAT RIVER — GREAT RIVER ENERGY
- SIG-BUR — TRAFFIC SIGNAL
- SIG-NEW — PROPOSED TRAFFIC SIGNAL
- - - - - EXISTING STORM SEWER
- > - - - - PROPOSED STORM SEWER
- >> - - - - EXISTING SAN SEWER
- | - - - - EXISTING WATER MAIN
- - - - - PROPOSED ROADWAY
- █ EXISTING ROADWAY
- ▨ EXISTING MEDIAN



NO	DATE	BY	CKD	APPR	REVISION

NAME: P:\002-614-048\Plan\002614048_UT_P5.dgn 07/07/2021 7:54:46 AM

I HEREBY CERTIFY THAT THIS PLAN WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MINNESOTA.
 PRINT NAME: JORGE R. BERNAL DELGADO
 SIGNATURE: _____
 DATE: _____ LICENSE NO. 57216

DRAWN BY BTU DATE 07/06/21
 DESIGN BY JRB DATE 07/06/21
 CHECKED BY NJD DATE 07/06/21

ANOKA COUNTY
HIGHWAY DEPT.

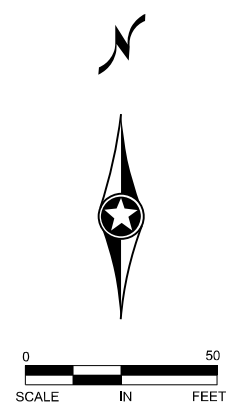
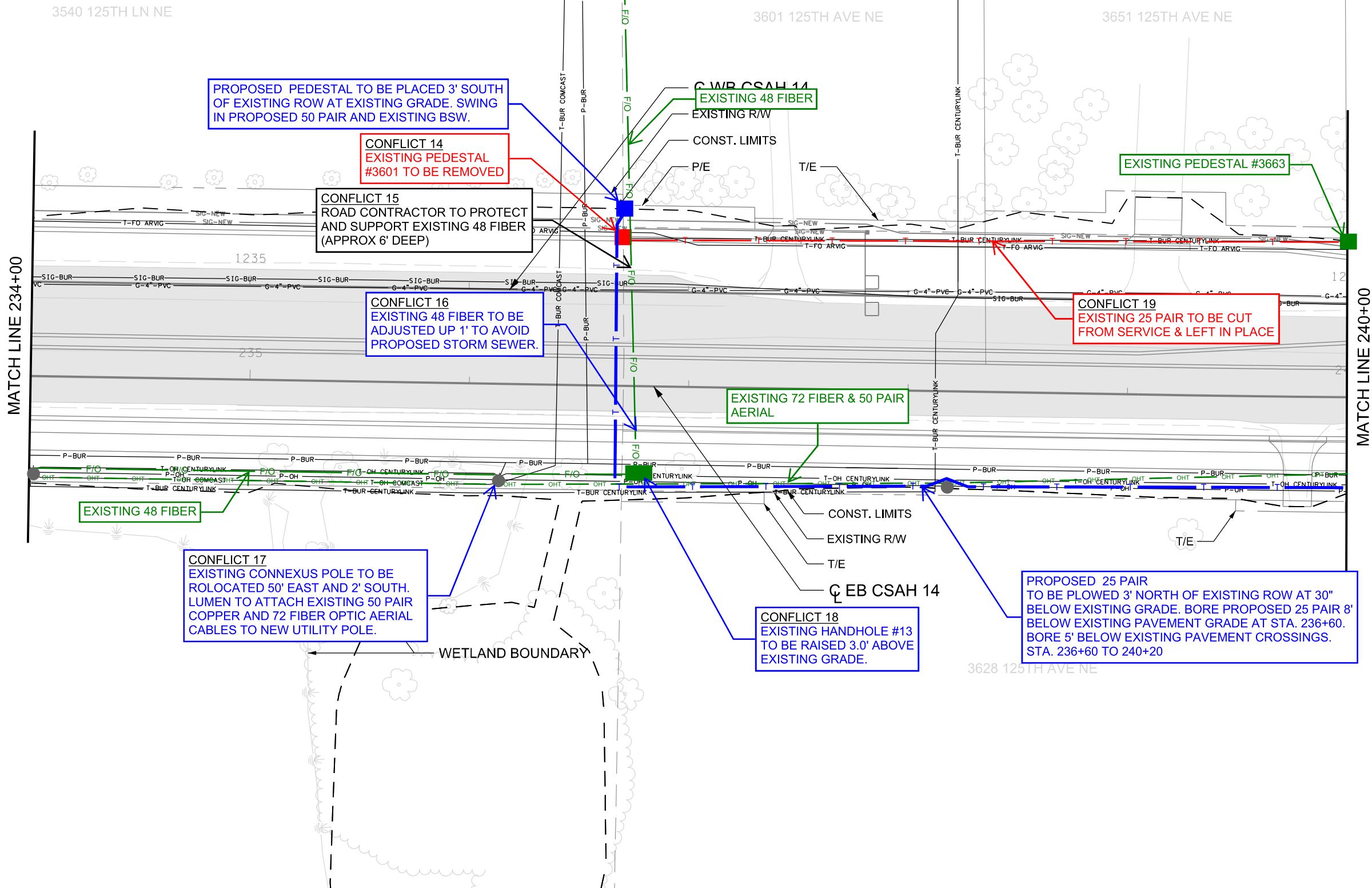
SAP 002-614-048
 UTILITY PLAN
 CSAH 14
 STA 228+00 TO 234+00
 SHEET 8 OF 17

LUMEN TO REMOVE ALL FACILITIES AFTER CUTOVERS AND BEFORE FINAL GRADING IS COMPLETE. LUMEN TO COORDINATE WITH GENERAL CONTRACTOR FOR PROJECT ACCESS. NO REMOVALS OF FACILITIES IN AREAS THAT ARE NOT DISTURBED BY THE COUNTY PROJECT. LUMEN WILL NOT BE PERFORMING REMOVALS OF ANY FACILITIES IN AREAS THAT ARE ALREADY RESTORED BY THE COUNTY PROJECT. LUMEN WILL NOT PERFORM ANY REMOVALS BEYOND THE CONSTRUCTION LIMITS.

LUMEN AERIAL CABLES ATTACHED TO CONNEXUS UTILITY POLES. COORDINATE WITH MAT RAUSCHENDORFER - (763) 218-4655.

LEGEND

- G-XX-XX CENTERPOINT ENERGY
- GAS-ABANDONED
- T-FO ARVIG ARVIG
- T-BUR CENTURYLINK CENTURYLINK
- T-OH CENTURYLINK
- T-BUR COMCAST COMCAST
- T-OH COMCAST
- P-BUR CONNEXUS ENERGY
- P-OH
- P-OH GREAT RIVER GREAT RIVER ENERGY
- SIG-BUR TRAFFIC SIGNAL
- SIG-NEW PROPOSED TRAFFIC SIGNAL
- EXISTING STORM SEWER
- PROPOSED STORM SEWER
- EXISTING SAN SEWER
- EXISTING WATER MAIN
- PROPOSED ROADWAY
- EXISTING ROADWAY
- EXISTING MEDIAN



NO	DATE	BY	CKD	APPR	REVISION

NAME: P:\002-614-048\Plan\002614048_UT_P6.dgn 07/07/2021 7:54:47 AM

I HEREBY CERTIFY THAT THIS PLAN WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MINNESOTA.

PRINT NAME: JORGE R. BERNAL DELGADO

SIGNATURE: _____

DATE: _____ LICENSE NO. 57216

DRAWN BY BTU DATE 07/06/21

DESIGN BY JRB DATE 07/06/21

CHECKED BY NJD DATE 07/06/21

ANOKA COUNTY
HIGHWAY DEPT.

SAP 002-614-048

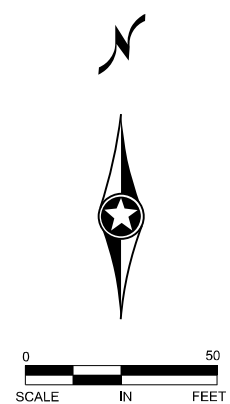
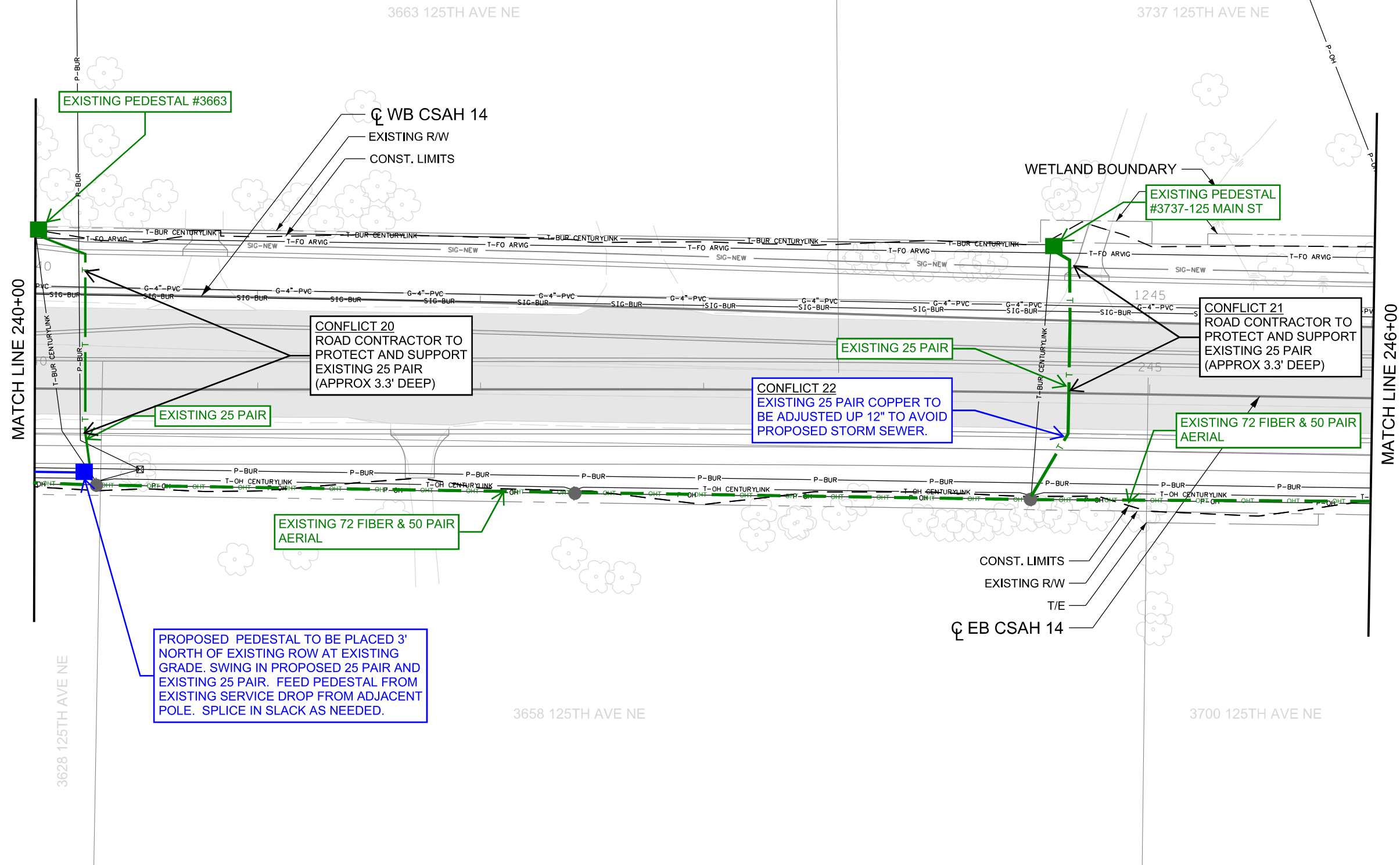
UTILITY PLAN
CSAH 14
STA 234+00 TO 240+00
SHEET 9 OF 17

LUMEN TO REMOVE ALL FACILITIES AFTER CUTOVERS AND BEFORE FINAL GRADING IS COMPLETE. LUMEN TO COORDINATE WITH GENERAL CONTRACTOR FOR PROJECT ACCESS. NO REMOVALS OF FACILITIES IN AREAS THAT ARE NOT DISTURBED BY THE COUNTY PROJECT. LUMEN WILL NOT BE PERFORMING REMOVALS OF ANY FACILITIES IN AREAS THAT ARE ALREADY RESTORED BY THE COUNTY PROJECT. LUMEN WILL NOT PERFORM ANY REMOVALS BEYOND THE CONSTRUCTION LIMITS.

LUMEN AERIAL CABLES ATTACHED TO CONNEXUS UTILITY POLES. COORDINATE WITH MAT RAUSCHENDORFER - (763) 218-4655.

LEGEND **N.813512**

- G-X"-XX — CENTERPOINT ENERGY
- GAS-ABANDONED —
- T-FO ARVIG — ARVIG
- T-BUR CENTURYLINK — CENTURYLINK
- T-OH CENTURYLINK —
- T-BUR COMCAST — COMCAST
- T-OH COMCAST —
- P-BUR — CONNEXUS ENERGY
- P-OH —
- P-OH GREAT RIVER — GREAT RIVER ENERGY
- SIG-BUR — TRAFFIC SIGNAL
- SIG-NEW — PROPOSED TRAFFIC SIGNAL
- - - - - EXISTING STORM SEWER
- > - - - - PROPOSED STORM SEWER
- >> - - - - EXISTING SAN SEWER
- | - - - - EXISTING WATER MAIN
- - - - - PROPOSED ROADWAY
- ▬ EXISTING ROADWAY
- ▨ EXISTING MEDIAN



NO	DATE	BY	CKD	APPR	REVISION

NAME: P:\002-614-048\Plan\002614048_UT_P7.dgn 07/07/2021 7:54:48 AM

I HEREBY CERTIFY THAT THIS PLAN WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MINNESOTA.

PRINT NAME: JORGE R. BERNAL DELGADO

SIGNATURE: _____

DATE: _____ LICENSE NO. 57216

DRAWN BY BTU DATE 07/06/21

DESIGN BY JRB DATE 07/06/21

CHECKED BY NJD DATE 07/06/21

ANOKA COUNTY
HIGHWAY DEPT.

SAP 002-614-048

UTILITY PLAN
CSAH 14
STA 240+00 TO 246+00
SHEET **10 OF 17**

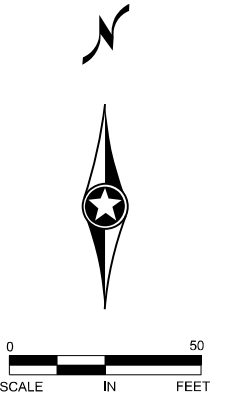
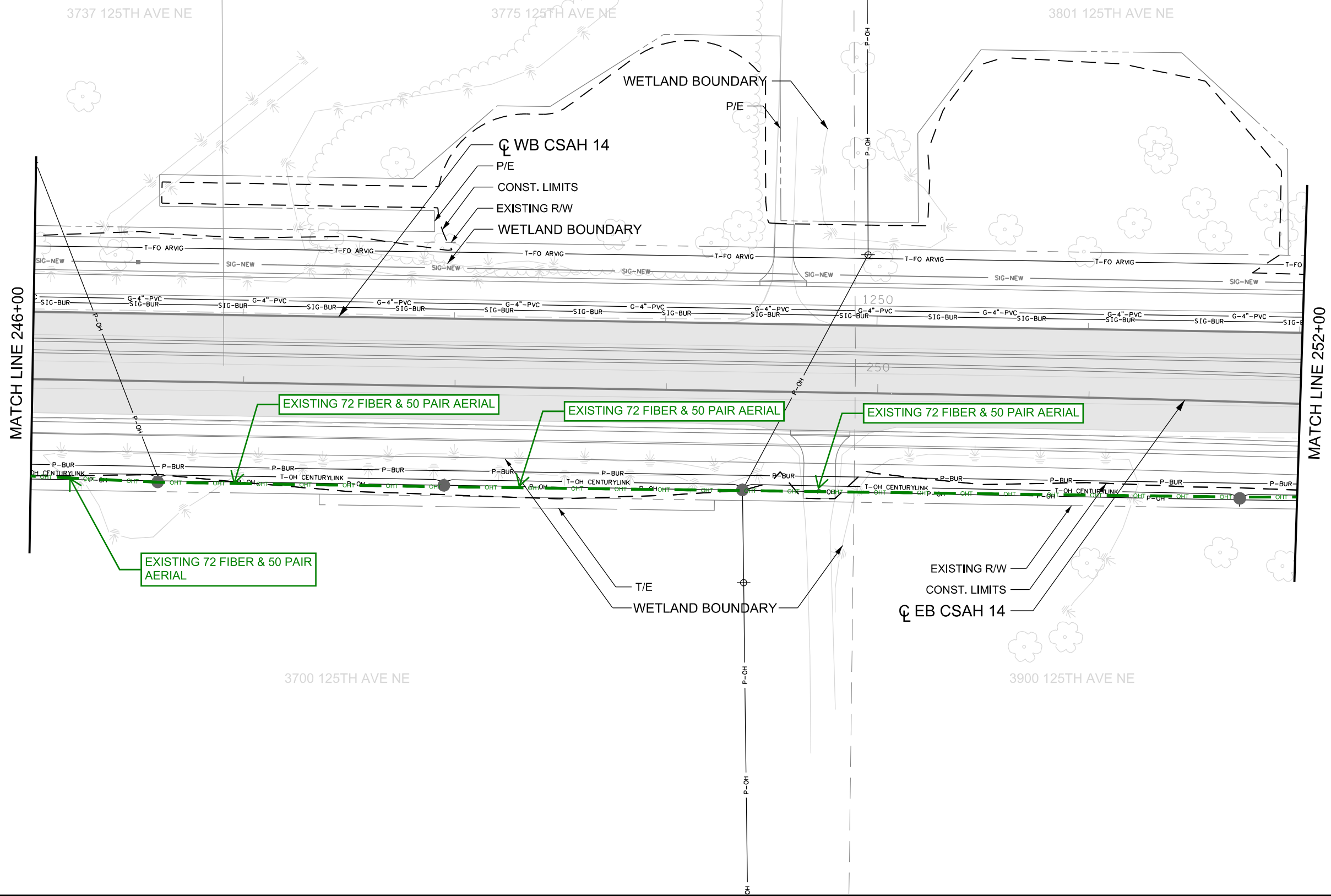
LUMEN TO REMOVE ALL FACILITIES AFTER CUTOVERS AND BEFORE FINAL GRADING IS COMPLETE. LUMEN TO COORDINATE WITH GENERAL CONTRACTOR FOR PROJECT ACCESS. NO REMOVALS OF FACILITIES IN AREAS THAT ARE NOT DISTURBED BY THE COUNTY PROJECT. LUMEN WILL NOT BE PERFORMING REMOVALS OF ANY FACILITIES IN AREAS THAT ARE ALREADY RESTORED BY THE COUNTY PROJECT. LUMEN WILL NOT PERFORM ANY REMOVALS BEYOND THE CONSTRUCTION LIMITS.

LUMEN AERIAL CABLES ATTACHED TO CONNEXUS UTILITY POLES. COORDINATE WITH MAT RAUSCHENDORFER - (763) 218-4655.

NO LUMEN CONFLICTS

LEGEND N.813512

- G-XX-XX — CENTERPOINT ENERGY
- GAS-ABANDONED —
- T-FO ARVIG — ARVIG
- T-BUR CENTURYLINK — CENTURYLINK
- T-OH CENTURYLINK —
- T-BUR COMCAST — COMCAST
- T-OH COMCAST —
- P-BUR — CONNEXUS ENERGY
- P-OH —
- P-OH GREAT RIVER — GREAT RIVER ENERGY
- SIG-BUR — TRAFFIC SIGNAL
- SIG-NEW — PROPOSED TRAFFIC SIGNAL
- - - - - EXISTING STORM SEWER
- > - - - - PROPOSED STORM SEWER
- >> - - - - EXISTING SAN SEWER
- | - - - - EXISTING WATER MAIN
- - - - - PROPOSED ROADWAY
- █ EXISTING ROADWAY
- █ EXISTING MEDIAN

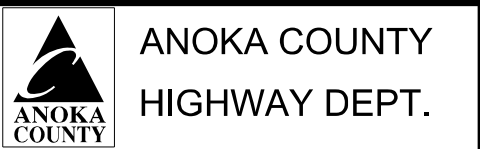


NO	DATE	BY	CKD	APPR	REVISION

NAME: P:\002-614-048\Plan\002614048_UT_P8.dgn 07/07/2021 7:54:48 AM

I HEREBY CERTIFY THAT THIS PLAN WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MINNESOTA.
 PRINT NAME: JORGE R. BERNAL DELGADO
 SIGNATURE: _____
 DATE: _____ LICENSE NO. 57216

DRAWN BY: BTU DATE: 07/06/21
 DESIGN BY: JRB DATE: 07/06/21
 CHECKED BY: NJD DATE: 07/06/21



SAP 002-614-048

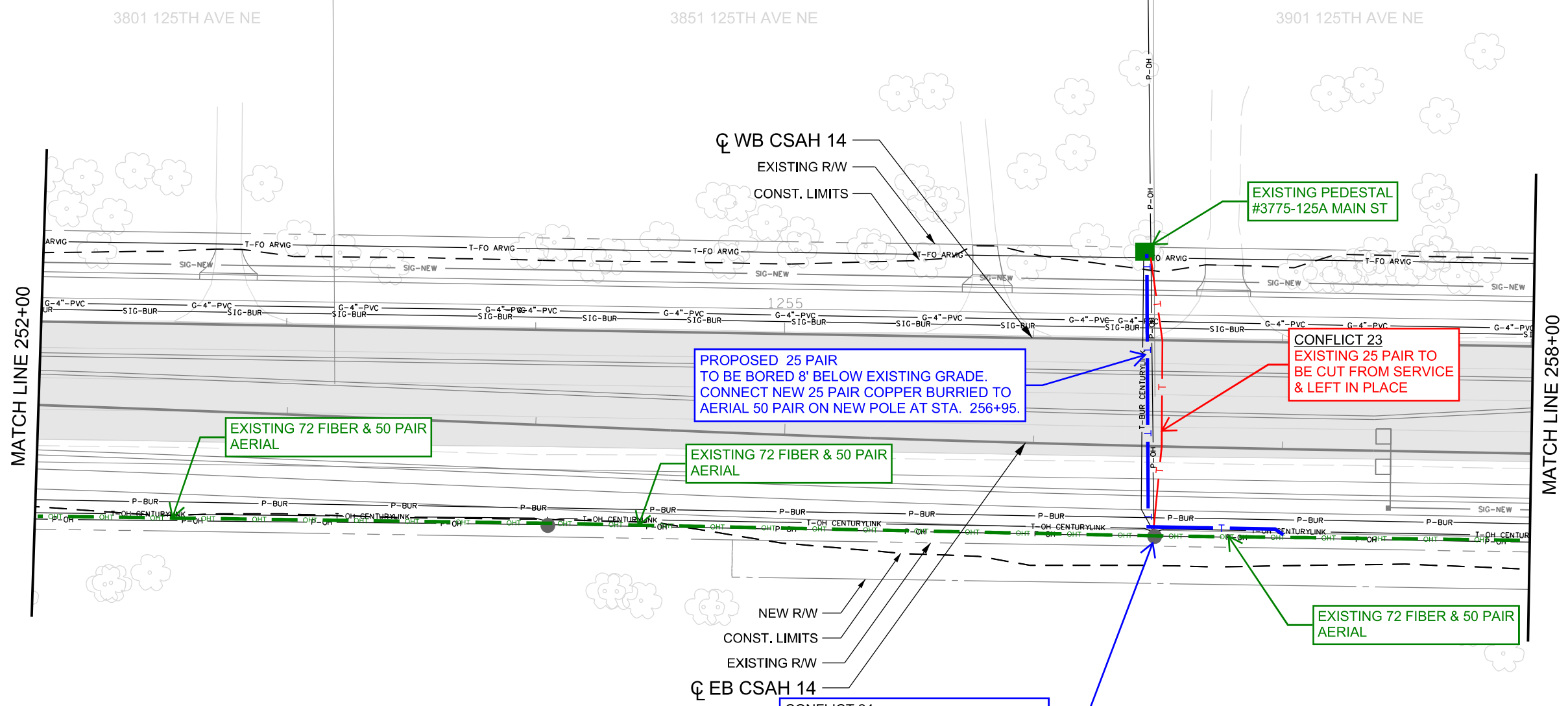
UTILITY PLAN
 CSAH 14
 STA 246+00 TO 252+00
 SHEET 12 OF 17

LUMEN TO REMOVE ALL FACILITIES AFTER CUTOVERS AND BEFORE FINAL GRADING IS COMPLETE. LUMEN TO COORDINATE WITH GENERAL CONTRACTOR FOR PROJECT ACCESS. NO REMOVALS OF FACILITIES IN AREAS THAT ARE NOT DISTURBED BY THE COUNTY PROJECT. LUMEN WILL NOT BE PERFORMING REMOVALS OF ANY FACILITIES IN AREAS THAT ARE ALREADY RESTORED BY THE COUNTY PROJECT. LUMEN WILL NOT PERFORM ANY REMOVALS BEYOND THE CONSTRUCTION LIMITS.

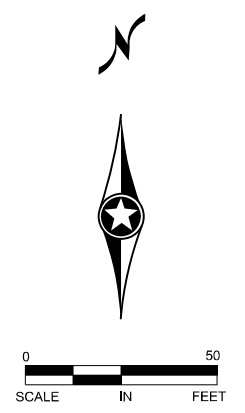
LUMEN AERIAL CABLES ATTACHED TO CONNEXUS UTILITY POLES. COORDINATE WITH MAT RAUSCHENDORFER - (763) 218-4655.

LEGEND

- G-X" -XX — CENTERPOINT ENERGY
- GAS-ABANDONED —
- T-FO ARVIG — ARVIG
- T-BUR CENTURYLINK — CENTURYLINK
- T-OH CENTURYLINK —
- T-BUR COMCAST — COMCAST
- T-OH COMCAST —
- P-BUR — CONNEXUS ENERGY
- P-OH —
- P-OH GREAT RIVER — GREAT RIVER ENERGY
- SIG-BUR — TRAFFIC SIGNAL
- SIG-NEW — PROPOSED TRAFFIC SIGNAL
- - - - - EXISTING STORM SEWER
- > - - - - PROPOSED STORM SEWER
- >> - - - - EXISTING SAN SEWER
- | - - - - EXISTING WATER MAIN
- - - - - PROPOSED ROADWAY
- █ EXISTING ROADWAY
- ▨ EXISTING MEDIAN



CONFLICT 24
EXISTING CONNEXUS POLE TO BE ROLOCATED 45' EAST AND 3' SOUTH. LUMEN TO ATTACH EXISTING 50 PAIR COPPER AND 72 FIBER OPTIC AERIAL CABLES TO NEW UTILITY POLE.

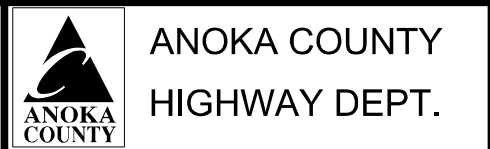


NO	DATE	BY	CKD	APPR	REVISION

NAME: P:\002-614-048\Plan\002614048_UT_P9.dgn 07/07/2021 7:54:48 AM

I HEREBY CERTIFY THAT THIS PLAN WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MINNESOTA.
 PRINT NAME: JORGE R. BERNAL DELGADO
 SIGNATURE: _____
 DATE: _____ LICENSE NO. 57216

DRAWN BY BTU DATE 07/06/21
 DESIGN BY JRB DATE 07/06/21
 CHECKED BY NJD DATE 07/06/21



SAP 002-614-048

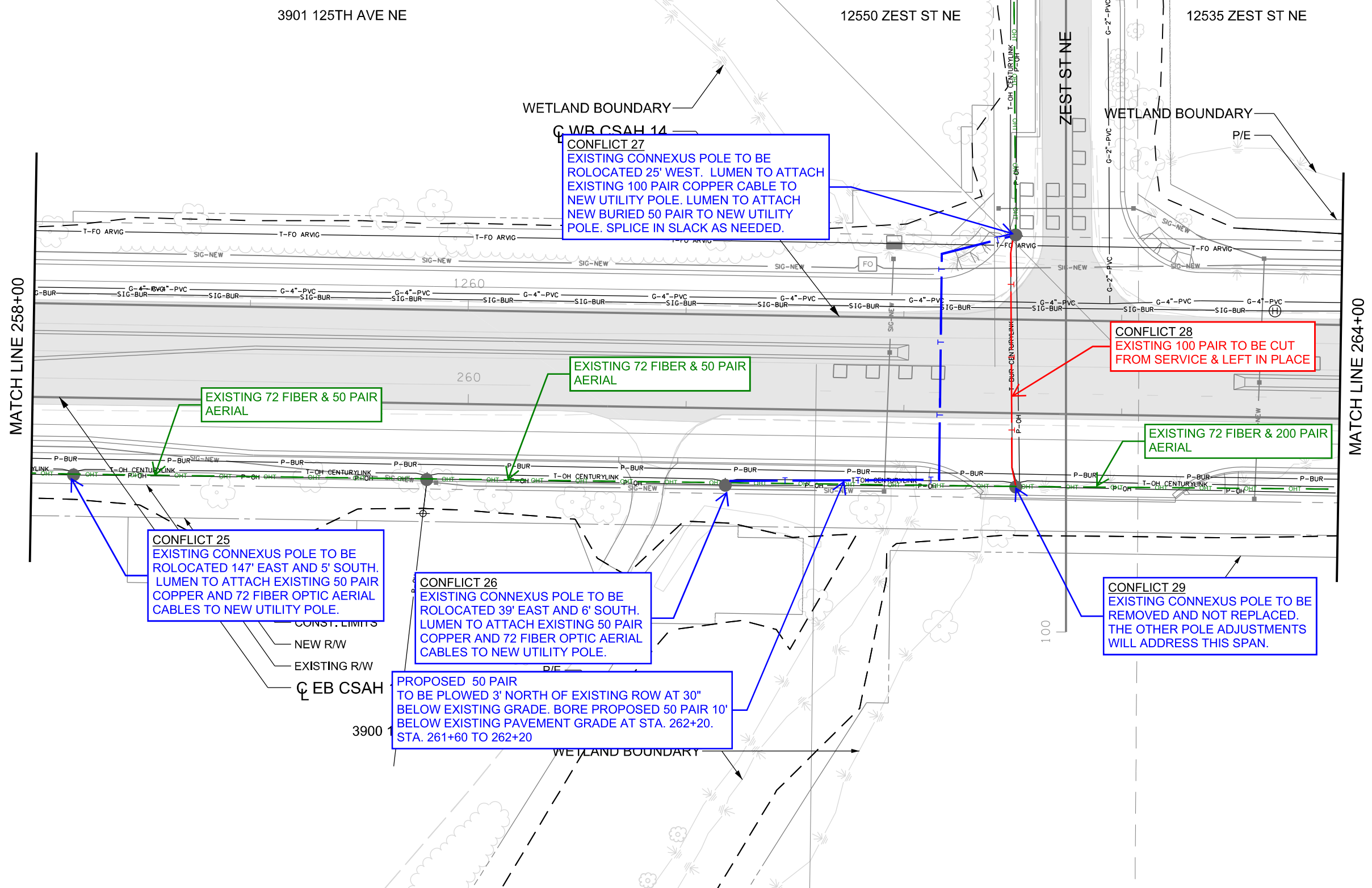
UTILITY PLAN
CSAH 14
STA 252+00 TO 258+00
SHEET 12 OF 17

LUMEN TO REMOVE ALL FACILITIES AFTER CUTOVERS AND BEFORE FINAL GRADING IS COMPLETE. LUMEN TO COORDINATE WITH GENERAL CONTRACTOR FOR PROJECT ACCESS. NO REMOVALS OF FACILITIES IN AREAS THAT ARE NOT DISTURBED BY THE COUNTY PROJECT. LUMEN WILL NOT BE PERFORMING REMOVALS OF ANY FACILITIES IN AREAS THAT ARE ALREADY RESTORED BY THE COUNTY PROJECT. LUMEN WILL NOT PERFORM ANY REMOVALS BEYOND THE CONSTRUCTION LIMITS.

LUMEN AERIAL CABLES ATTACHED TO CONNEXUS UTILITY POLES. COORDINATE WITH MAT RAUSCHENDORFER - (763) 218-4655.

LEGEND **N.813512**

- G-X"-XX — CENTERPOINT ENERGY
- GAS-ABANDONED —
- T-FO ARVIG — ARVIG
- T-BUR CENTURYLINK — CENTURYLINK
- T-OH CENTURYLINK —
- T-BUR COMCAST — COMCAST
- T-OH COMCAST —
- P-BUR — CONNEXUS ENERGY
- P-OH —
- P-OH GREAT RIVER — GREAT RIVER ENERGY
- SIG-BUR — TRAFFIC SIGNAL
- SIG-NEW — PROPOSED TRAFFIC SIGNAL
- - - - - EXISTING STORM SEWER
- - - - - PROPOSED STORM SEWER
- - - - - EXISTING SAN SEWER
- - - - - EXISTING WATER MAIN
- - - - - PROPOSED ROADWAY
- ▬ EXISTING ROADWAY
- ▬ EXISTING MEDIAN



CONFLICT 25
EXISTING CONNEXUS POLE TO BE ROLOCATED 147' EAST AND 5' SOUTH. LUMEN TO ATTACH EXISTING 50 PAIR COPPER AND 72 FIBER OPTIC AERIAL CABLES TO NEW UTILITY POLE.

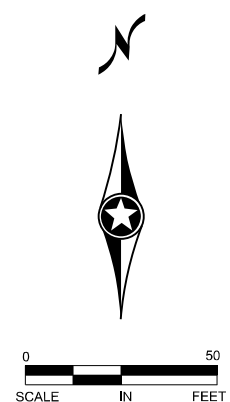
CONFLICT 26
EXISTING CONNEXUS POLE TO BE ROLOCATED 39' EAST AND 6' SOUTH. LUMEN TO ATTACH EXISTING 50 PAIR COPPER AND 72 FIBER OPTIC AERIAL CABLES TO NEW UTILITY POLE.

PROPOSED 50 PAIR TO BE PLOWED 3' NORTH OF EXISTING ROW AT 30" BELOW EXISTING GRADE. BORE PROPOSED 50 PAIR 10' BELOW EXISTING PAVEMENT GRADE AT STA. 262+20. STA. 261+60 TO 262+20

CONFLICT 27
EXISTING CONNEXUS POLE TO BE ROLOCATED 25' WEST. LUMEN TO ATTACH EXISTING 100 PAIR COPPER CABLE TO NEW UTILITY POLE. LUMEN TO ATTACH NEW BURIED 50 PAIR TO NEW UTILITY POLE. SPLICE IN SLACK AS NEEDED.

CONFLICT 28
EXISTING 100 PAIR TO BE CUT FROM SERVICE & LEFT IN PLACE

CONFLICT 29
EXISTING CONNEXUS POLE TO BE REMOVED AND NOT REPLACED. THE OTHER POLE ADJUSTMENTS WILL ADDRESS THIS SPAN.



NO	DATE	BY	CKD	APPR	REVISION

NAME: P:\002-614-048\Plan\002614048_UT_P10.dgn 07/07/2021 7:54:50 AM

I HEREBY CERTIFY THAT THIS PLAN WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MINNESOTA.
 PRINT NAME: JORGE R. BERNAL DELGADO
 SIGNATURE: _____
 DATE: _____ LICENSE NO. 57216

DRAWN BY BTU DATE 07/06/21
 DESIGN BY JRB DATE 07/06/21
 CHECKED BY NJD DATE 07/06/21

ANOKA COUNTY
HIGHWAY DEPT.

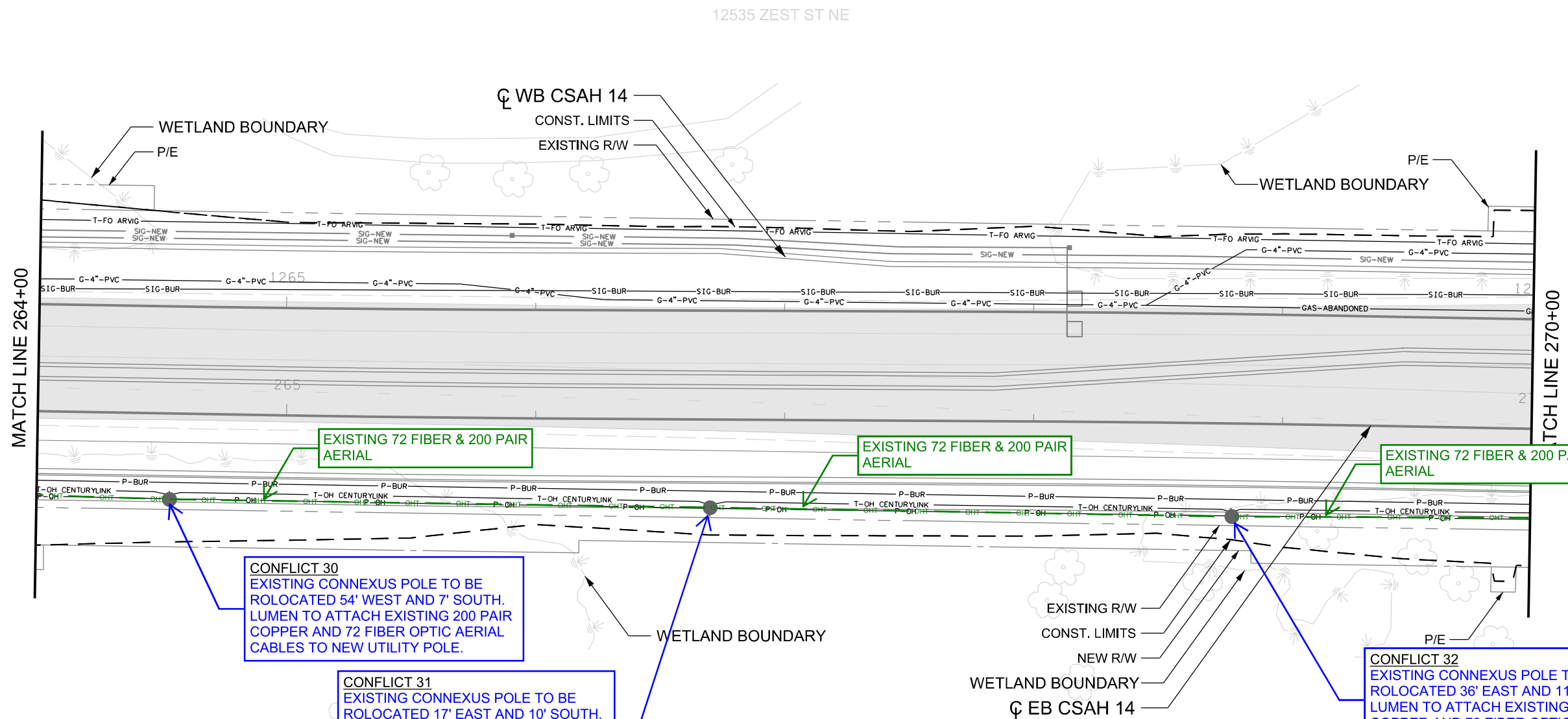
SAP 002-614-048
 UTILITY PLAN
 CSAH 14
 STA 258+00 TO 264+00
 SHEET 13 OF 17

LUMEN TO REMOVE ALL FACILITIES AFTER CUTOVERS AND BEFORE FINAL GRADING IS COMPLETE. LUMEN TO COORDINATE WITH GENERAL CONTRACTOR FOR PROJECT ACCESS. NO REMOVALS OF FACILITIES IN AREAS THAT ARE NOT DISTURBED BY THE COUNTY PROJECT. LUMEN WILL NOT BE PERFORMING REMOVALS OF ANY FACILITIES IN AREAS THAT ARE ALREADY RESTORED BY THE COUNTY PROJECT. LUMEN WILL NOT PERFORM ANY REMOVALS BEYOND THE CONSTRUCTION LIMITS.

LUMEN AERIAL CABLES ATTACHED TO CONNEXUS UTILITY POLES. COORDINATE WITH MAT RAUSCHENDORFER - (763) 218-4655.

LEGEN **N.813512**

- G-X"-XX — CENTERPOINT ENERGY
- GAS-ABANDONED —
- T-FO ARVIG — ARVIG
- T-BUR CENTURYLINK — CENTURYLINK
- T-OH CENTURYLINK —
- T-BUR COMCAST — COMCAST
- T-OH COMCAST —
- P-BUR — CONNEXUS ENERGY
- P-OH —
- P-OH GREAT RIVER — GREAT RIVER ENERGY
- SIG-BUR — TRAFFIC SIGNAL
- SIG-NEW — PROPOSED TRAFFIC SIGNAL
- - - - - EXISTING STORM SEWER
- > - - - - PROPOSED STORM SEWER
- >> - - - - EXISTING SAN SEWER
- | - - - - EXISTING WATER MAIN
- - - - - PROPOSED ROADWAY
- █ EXISTING ROADWAY
- █ EXISTING MEDIAN



EXISTING 72 FIBER & 200 PAIR AERIAL

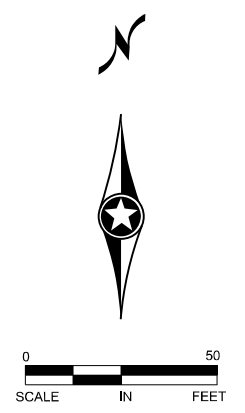
EXISTING 72 FIBER & 200 PAIR AERIAL

EXISTING 72 FIBER & 200 PAIR AERIAL

CONFLICT 30
EXISTING CONNEXUS POLE TO BE ROLOCATED 54' WEST AND 7' SOUTH. LUMEN TO ATTACH EXISTING 200 PAIR COPPER AND 72 FIBER OPTIC AERIAL CABLES TO NEW UTILITY POLE.

CONFLICT 31
EXISTING CONNEXUS POLE TO BE ROLOCATED 17' EAST AND 10' SOUTH. LUMEN TO ATTACH EXISTING 200 PAIR COPPER AND 72 FIBER OPTIC AERIAL CABLES TO NEW UTILITY POLE.

CONFLICT 32
EXISTING CONNEXUS POLE TO BE ROLOCATED 36' EAST AND 11' SOUTH. LUMEN TO ATTACH EXISTING 200 PAIR COPPER AND 72 FIBER OPTIC AERIAL CABLES TO NEW UTILITY POLE.

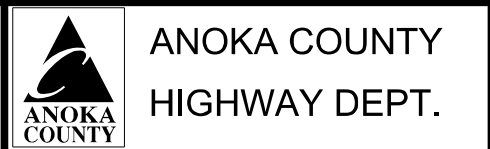


NO	DATE	BY	CKD	APPR	REVISION

NAME: P:\002-614-048\Plan\002614048_UT_P11.dgn 07/07/2021 7:54:51 AM

I HEREBY CERTIFY THAT THIS PLAN WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MINNESOTA.
 PRINT NAME: JORGE R. BERNAL DELGADO
 SIGNATURE: _____
 DATE: _____ LICENSE NO. 57216

DRAWN BY BTU DATE 07/06/21
 DESIGN BY JRB DATE 07/06/21
 CHECKED BY NJD DATE 07/06/21



SAP 002-614-048

UTILITY PLAN
 CSAH 14
 STA 264+00 TO 270+00
 SHEET 14 OF 17

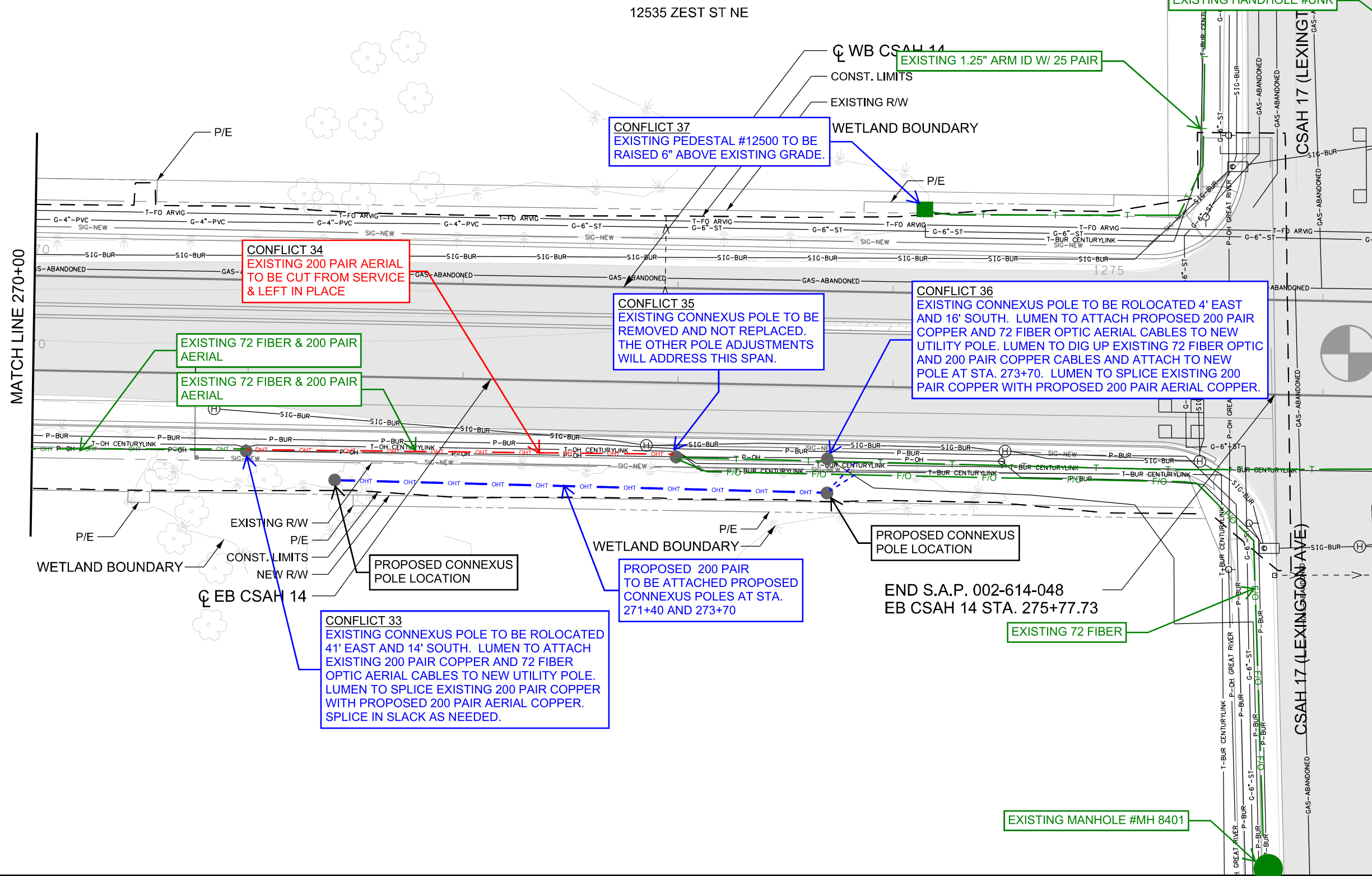
LUMEN TO REMOVE ALL FACILITIES AFTER CUTOVERS AND BEFORE FINAL GRADING IS COMPLETE. LUMEN TO COORDINATE WITH GENERAL CONTRACTOR FOR PROJECT ACCESS. NO REMOVALS OF FACILITIES IN AREAS THAT ARE NOT DISTURBED BY THE COUNTY PROJECT. LUMEN WILL NOT BE PERFORMING REMOVALS OF ANY FACILITIES IN AREAS THAT ARE ALREADY RESTORED BY THE COUNTY PROJECT. LUMEN WILL NOT PERFORM ANY REMOVALS BEYOND THE CONSTRUCTION LIMITS.

LUMEN AERIAL CABLES ATTACHED TO CONNEXUS UTILITY POLES. COORDINATE WITH MAT RAUSCHENDORFER - (763) 218-4655.

N.813512

LEGEND

- G-X" -XX CENTERPOINT ENERGY
- GAS-ABANDONED
- T-FO ARVIC
- T-BUR CENTURYLINK
- T-OH CENTURYLINK
- T-BUR COMCAST
- T-OH COMCAST
- T-BUR CONNEXUS ENERGY
- P-GREAT RIVER
- SIG-BUR
- SIG-NEW
- PROPOSED TRAFFIC SIGNAL
- EXISTING STORM SEWER
- PROPOSED STORM SEWER
- EXISTING SAN SEWER
- EXISTING WATER MAIN
- PROPOSED ROADWAY
- EXISTING ROADWAY
- EXISTING MEDIAN
- EXISTING 200 PAIR



CONFLICT 34
EXISTING 200 PAIR AERIAL TO BE CUT FROM SERVICE & LEFT IN PLACE

CONFLICT 37
EXISTING PEDESTAL #12500 TO BE RAISED 6" ABOVE EXISTING GRADE.

CONFLICT 35
EXISTING CONNEXUS POLE TO BE REMOVED AND NOT REPLACED. THE OTHER POLE ADJUSTMENTS WILL ADDRESS THIS SPAN.

CONFLICT 36
EXISTING CONNEXUS POLE TO BE RELOCATED 4' EAST AND 16' SOUTH. LUMEN TO ATTACH PROPOSED 200 PAIR COPPER AND 72 FIBER OPTIC AERIAL CABLES TO NEW UTILITY POLE. LUMEN TO DIG UP EXISTING 72 FIBER OPTIC AND 200 PAIR COPPER CABLES AND ATTACH TO NEW POLE AT STA. 273+70. LUMEN TO SPLICE EXISTING 200 PAIR COPPER WITH PROPOSED 200 PAIR AERIAL COPPER.

CONFLICT 33
EXISTING CONNEXUS POLE TO BE RELOCATED 41' EAST AND 14' SOUTH. LUMEN TO ATTACH EXISTING 200 PAIR COPPER AND 72 FIBER OPTIC AERIAL CABLES TO NEW UTILITY POLE. LUMEN TO SPLICE EXISTING 200 PAIR COPPER WITH PROPOSED 200 PAIR AERIAL COPPER. SPLICE IN SLACK AS NEEDED.

PROPOSED 200 PAIR TO BE ATTACHED PROPOSED CONNEXUS POLES AT STA. 271+40 AND 273+70

END S.A.P. 002-614-048
EB CSAH 14 STA. 275+77.73

NO	DATE	BY	CKD	APPR	REVISION

NAME: P:\002-614-048\Plan\002614048_UT_P12.dgn 07/07/2021 7:54:52 AM

I HEREBY CERTIFY THAT THIS PLAN WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MINNESOTA.
 PRINT NAME: JORGE R. BERNAL DELGADO
 SIGNATURE: _____
 DATE: _____ LICENSE NO. 57216

DRAWN BY BTU DATE 07/06/21
 DESIGN BY JRB DATE 07/06/21
 CHECKED BY NJD DATE 07/06/21

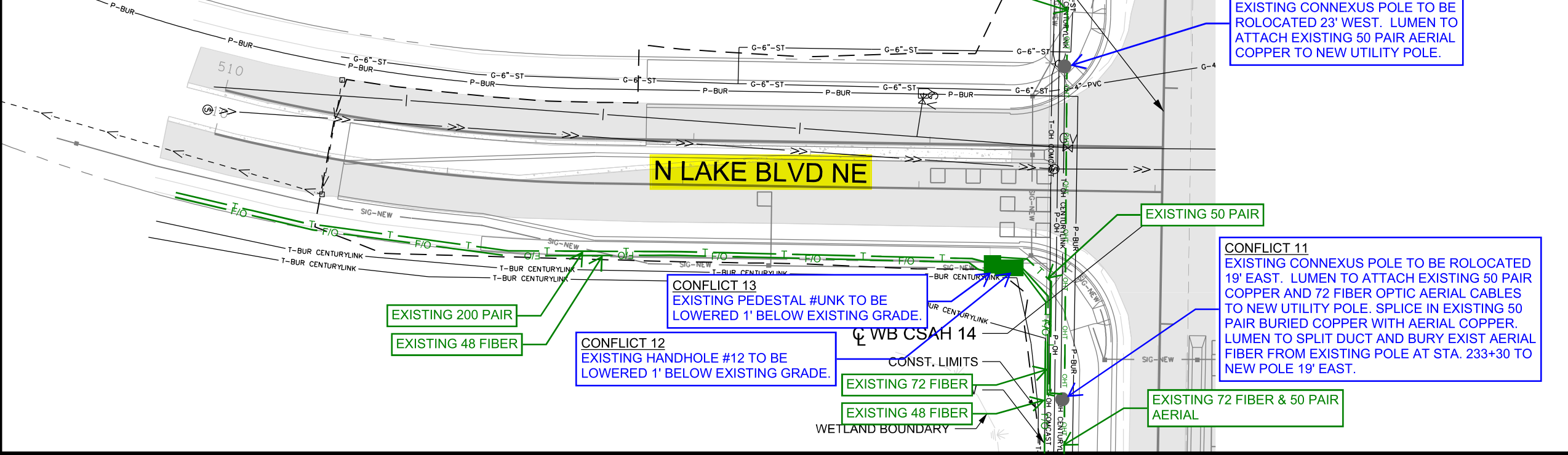
ANOKA COUNTY
HIGHWAY DEPT.

SAP 002-614-048
 UTILITY PLAN
 CSAH 14
 STA 270+00 TO 275+77.73
 SHEET 15 OF 17

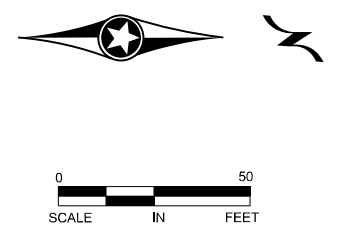
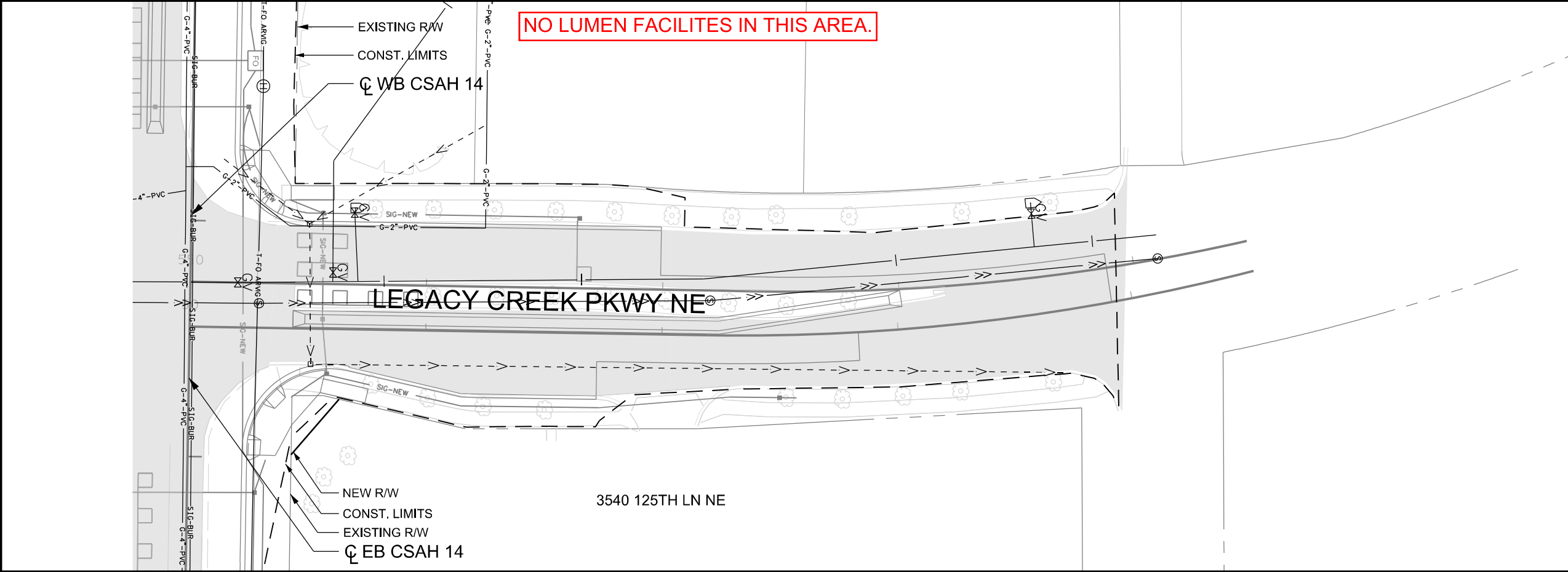
LUMEN TO REMOVE ALL FACILITIES AFTER CUTOVERS AND BEFORE FINAL GRADING IS COMPLETE. LUMEN TO COORDINATE WITH GENERAL CONTRACTOR FOR PROJECT ACCESS. NO REMOVALS OF FACILITIES IN AREAS THAT ARE NOT DISTURBED BY THE COUNTY PROJECT. LUMEN WILL NOT BE PERFORMING REMOVALS OF ANY FACILITIES IN AREAS THAT ARE ALREADY RESTORED BY THE COUNTY PROJECT. LUMEN WILL NOT PERFORM ANY REMOVALS BEYOND THE CONSTRUCTION LIMITS.

LUMEN AERIAL CABLES ATTACHED TO CONNEXUS UTILITY POLES. COORDINATE WITH MAT RAUSCHENDORFER - (763) 218-4655.

- LEGEND
- T-BUR CENTURYLINK — CENTURYLINK
 - T-OH CENTURYLINK — CENTURYLINK
 - T-BUR COMCAST — COMCAST
 - T-OH COMCAST — COMCAST
 - P-BUR — CONNEXUS ENERGY
 - P-OH — CONNEXUS ENERGY
 - P-OH GREAT RIVER — GREAT RIVER ENERGY
 - SIG-BUR — TRAFFIC SIGNAL
 - SIG-NEW — PROPOSED TRAFFIC SIGNAL
 - - - - - EXISTING STORM SEWER
 - - - - - PROPOSED STORM SEWER
 - - - - - EXISTING SAN SEWER
 - - - - - PROPOSED SAN SEWER
 - — — — — EXISTING WATER MAIN
 - — — — — PROPOSED ROADWAY
 - ▒ — — — — — EXISTING ROADWAY
 - ▒ — — — — — EXISTING MEDIAN



NO LUMEN FACILITIES IN THIS AREA.



NO	DATE	BY	CKD	APPR	REVISION

NAME: P:\002-614-048\Plan\002614048_UT_P13.dgn 07/07/2021 7:54:53 AM

I HEREBY CERTIFY THAT THIS PLAN WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MINNESOTA.

PRINT NAME: JORGE R. BERNAL DELGADO

SIGNATURE: _____

DATE: _____ LICENSE NO. 57216

DRAWN BY BTU DATE 07/06/21

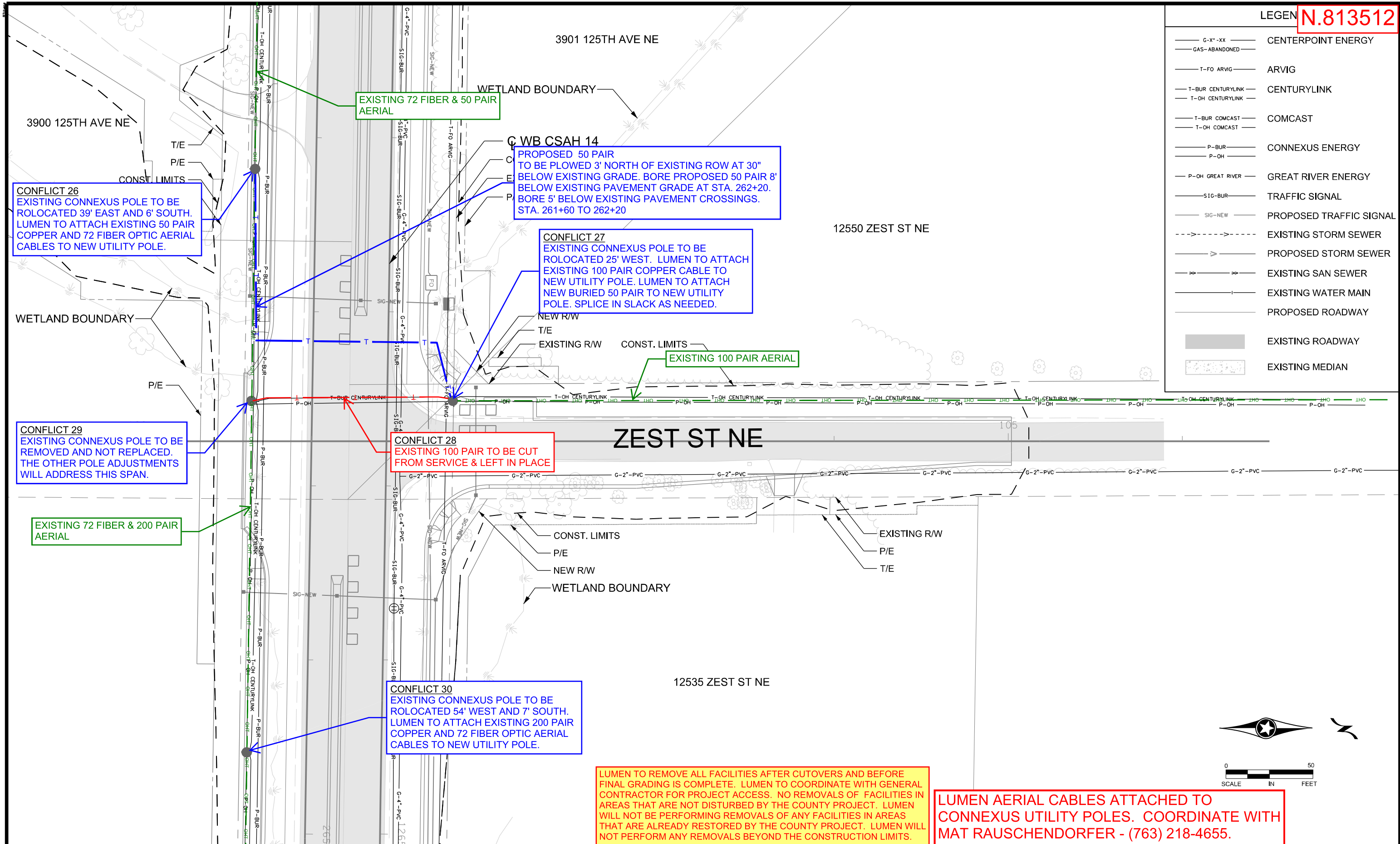
DESIGN BY JRB DATE 07/06/21

CHECKED BY NJD DATE 07/06/21

ANOKA COUNTY
HIGHWAY DEPT.

SAP 002-614-048

	CENTERPOINT ENERGY
	GAS-ABANDONED
	ARVIC
	CENTURYLINK
	CENTURYLINK
	COMCAST
	COMCAST
	CONNEXUS ENERGY
	CONNEXUS ENERGY
	GREAT RIVER ENERGY
	TRAFFIC SIGNAL
	PROPOSED TRAFFIC SIGNAL
	EXISTING STORM SEWER
	PROPOSED STORM SEWER
	EXISTING SAN SEWER
	EXISTING WATER MAIN
	PROPOSED ROADWAY
	EXISTING ROADWAY
	EXISTING MEDIAN



CONFLICT 26
 EXISTING CONNEXUS POLE TO BE RELOCATED 39' EAST AND 6' SOUTH. LUMEN TO ATTACH EXISTING 50 PAIR COPPER AND 72 FIBER OPTIC AERIAL CABLES TO NEW UTILITY POLE.

PROPOSED 50 PAIR
 TO BE PLOWED 3' NORTH OF EXISTING ROW AT 30' BELOW EXISTING GRADE. BORE PROPOSED 50 PAIR 8' BELOW EXISTING PAVEMENT GRADE AT STA. 262+20. BORE 5' BELOW EXISTING PAVEMENT CROSSINGS. STA. 261+60 TO 262+20

CONFLICT 27
 EXISTING CONNEXUS POLE TO BE RELOCATED 25' WEST. LUMEN TO ATTACH EXISTING 100 PAIR COPPER CABLE TO NEW UTILITY POLE. LUMEN TO ATTACH NEW BURIED 50 PAIR TO NEW UTILITY POLE. SPLICE IN SLACK AS NEEDED.

CONFLICT 29
 EXISTING CONNEXUS POLE TO BE REMOVED AND NOT REPLACED. THE OTHER POLE ADJUSTMENTS WILL ADDRESS THIS SPAN.

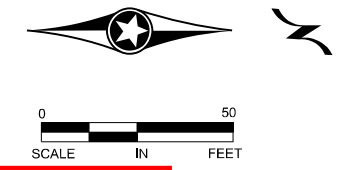
CONFLICT 28
 EXISTING 100 PAIR TO BE CUT FROM SERVICE & LEFT IN PLACE

EXISTING 72 FIBER & 200 PAIR AERIAL

CONFLICT 30
 EXISTING CONNEXUS POLE TO BE RELOCATED 54' WEST AND 7' SOUTH. LUMEN TO ATTACH EXISTING 200 PAIR COPPER AND 72 FIBER OPTIC AERIAL CABLES TO NEW UTILITY POLE.

LUMEN TO REMOVE ALL FACILITIES AFTER CUTOVERS AND BEFORE FINAL GRADING IS COMPLETE. LUMEN TO COORDINATE WITH GENERAL CONTRACTOR FOR PROJECT ACCESS. NO REMOVALS OF FACILITIES IN AREAS THAT ARE NOT DISTURBED BY THE COUNTY PROJECT. LUMEN WILL NOT BE PERFORMING REMOVALS OF ANY FACILITIES IN AREAS THAT ARE ALREADY RESTORED BY THE COUNTY PROJECT. LUMEN WILL NOT PERFORM ANY REMOVALS BEYOND THE CONSTRUCTION LIMITS.

LUMEN AERIAL CABLES ATTACHED TO CONNEXUS UTILITY POLES. COORDINATE WITH MAT RAUSCHENDORFER - (763) 218-4655.

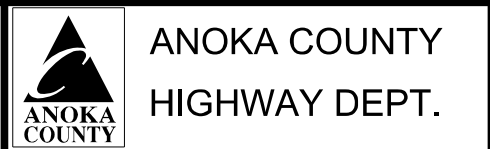


NO	DATE	BY	CKD	APPR	REVISION

NAME: P:\002-614-048\Plan\002614048_UT_P14.dgn 07/07/2021 7:54:54 AM

I HEREBY CERTIFY THAT THIS PLAN WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MINNESOTA.
 PRINT NAME: JORGE R. BERNAL DELGADO
 SIGNATURE: _____
 DATE: _____ LICENSE NO. 57216

DRAWN BY BTU DATE 07/06/21
 DESIGN BY JRB DATE 07/06/21
 CHECKED BY NJD DATE 07/06/21



SAP 002-614-048

UTILITY PLAN
 CSAH 14
 STA 258+00 TO 264+00
 SHEET 17 OF 17



**SAP 002-614-048 CSAH 14 Reconstruct
Blaine, MN
LUMEN Facilities
Review by Chuck Daher on 2/20/2022**

N.813512

Below are the following LUMEN conflicts as part of the Anoka County CSAH 14 Reconstruct project. This project has direct bury and aerial facilities that are in conflict with the proposed storm sewer and pavement reconstruct project.

Project Contact: Jorge Bernal-Delgado (763-324-3100) Jorge.bernaldelgado@co.anoka.mn.us

Road Contractor: TBD

Terra Technologies: Chuck Daher (612-298-2825) cdaher@terratechllc.net

Construction Start: June 1, 2022

Wire Center: Blaine (BLANMNB)

County: Anoka

Zip Code: 55449

1. CSAH 14, Sta. 214+30 (LT) Sheet 5 of 17
Conflict: Existing LUMEN pedestal #UNK at Sta. 214+30 (LT) is not in use and will be cut off.
Solution: LUMEN to remove existing pedestal #UNK at Sta. 214+30 (LT).
2. CSAH 14, Sta. 214+30 (RT) Sheet 5 of 17
Conflict: Existing LUMEN 25 pair copper is in conflict with proposed storm sewer pipe.
Solution: LUMEN to cut from service and remove existing 25 pair copper cable.
3. CSAH 14, Sta. 219+70 (LT) Sheet 6 of 17
Conflict: Existing LUMEN pedestal #UNK is not in use and will be disconnected when the existing cables are cut.
Solution: LUMEN to remove existing pedestal #UNK at Sta. 219+70 (LT).
4. CSAH 14, Sta. 219+70 (RT & LT) Sheet 6 of 17
Conflict: Existing LUMEN 25 pair copper cable is in conflict with proposed road construction and is not in use.
Solution: LUMEN to cut from service and remove existing 25 pair copper cable.
5. CSAH 14, Sta. 219+70 (RT) Sheet 6 of 17
Conflict: Existing LUMEN pedestal #UNK is in conflict with proposed grading and not in use.
Solution: LUMEN to remove existing pedestal #UNK at Sta. 219+70 (RT) and existing risers.
6. CSAH 14, Sta. 223+60 (RT & LT) Sheet 7 of 17
Conflict: Existing LUMEN 25 pair copper cable is in conflict with proposed road construction.
Solution: LUMEN to cut from service and remove existing 25 pair copper cable. LUMEN to bore new 25 pair copper cable 8' below existing grade. Swing new 25 pair copper cable into existing pedestal #3401 and splice with riser up existing pole at Sta. 223+60 (RT)

7. CSAH 14, Sta. 229+85 (LT) Sheet 8 of 17
Conflict: Existing LUMEN pedestal #3501 is in conflict with proposed grading.
Solution: LUMEN to remove existing pedestal #3501. LUMEN to place new pedestal 3' South of existing R-O-W at existing grade.
8. CSAH 14, Sta. 229+85 (RT & LT) Sheet 8 of 17
Conflict: Existing LUMEN 25 pair copper cable is in conflict with proposed road construction.
Solution: LUMEN to cut from service and remove existing 25 pair copper cable. LUMEN to bore new 25 pair copper cable 10' below existing grade at road crossing. Bore new copper 3' North of existing R-O-W at 6' below existing grade to proposed pole location. Swing new 25 pair copper cable into existing pedestal #3501 and splice with riser up existing pole at Sta. 229+85 (RT)
9. CSAH 14, Sta. 229+85 (RT) Sheet 8 of 17
Conflict: Existing CONNEXUS utility pole at Sta. 229+85 (RT) will be getting relocated 110' West and 1' North.
Solution: LUMEN to attach existing 50 pair aerial copper to new utility pole. Splice in proposed 25 pair copper with copper drop.
10. CSAH 14, Sta. 231+90 (RT) Sheet 8 of 17
Conflict: Existing CONNEXUS utility pole at Sta. 231+90 (RT) will be getting relocated 23' West.
Solution: LUMEN to attach existing 50 pair aerial copper to new utility pole.
11. CSAH 14, Sta. 233+30 (RT) Sheet 8 of 17
Conflict: Existing CONNEXUS utility pole at Sta. 233+30 (RT) will be getting relocated 19' East.
Solution: LUMEN to attach existing 50 pair copper and 72 fiber optic aerial cables to new utility pole. Splice in existing 50 pair buried copper with aerial copper. LUMEN to split duct and bury existing aerial fiber from existing pole at Sta. 233+30 to new pole 19' East.
12. CSAH 14, Sta. 232+80 (RT) Sheet 8 of 17
Conflict: Existing LUMEN handhole #12 is in conflict with proposed grading.
Solution: LUMEN to dig up and adjust existing handhole #12 to be lowered 1' below existing grade.
13. CSAH 14, Sta. 232+80 (RT) Sheet 8 of 17
Conflict: Existing LUMEN pedestal #UNK is in conflict with proposed grading.
Solution: LUMEN to dig up and adjust existing pedestal #UNK at Sta. 232+80 (RT) to be lowered 1' below existing grade.
14. CSAH 14, Sta. 236+70 (LT) Sheet 9 of 17
Conflict: Existing LUMEN pedestal #3601 is in conflict with proposed grading.
Solution: LUMEN to remove existing pedestal #3601. LUMEN to place new pedestal 3' South of existing R-O-W at existing grade.
15. CSAH 14, Sta. 236+70 (RT & LT) Sheet 9 of 17
Conflict: Existing LUMEN 48 fiber optic is potentially in conflict with proposed road construction.
Solution: Road contractor to protect and support existing 48 fiber optic cable during road construction.
16. CSAH 14, Sta. 236+70 (RT) Sheet 9 of 17
Conflict: Existing LUMEN 72 fiber optic is in conflict with proposed storm sewer pipe.
Solution: LUMEN to adjust existing 72 fiber optic cable up 1' to avoid proposed storm sewer.

17. CSAH 14, Sta. 236+13 (RT) Sheet 8 of 17
Conflict: Existing CONNEXUS utility pole at Sta. 236+13 (RT) will be getting relocated 50' East.
Solution: LUMEN to attach existing 50 pair copper and 72 fiber optic aerial cables to new utility pole.
18. CSAH 14, Sta. 236+75 (RT) Sheet 9 of 17
Conflict: Existing LUMEN handhole #13 is in conflict with proposed grading.
Solution: LUMEN to dig up and adjust existing handhole #13 to be raised 3' above existing grade.
19. CSAH 14, Sta. 236+75 to 240+00 (LT) Sheet 9 & 10 of 17
Conflict: Existing LUMEN 25 pair copper cable is in conflict with proposed road construction.
Solution: LUMEN to cut from service and remove existing 25 pair copper cable. LUMEN to plow new 25 pair copper cable 3' North of existing R-O-W at 30" below existing grade from new pedestal at Sta. 240+20 (RT) to proposed road crossing. LUMEN to bore new 25 pair copper cable 8' below existing grade at road crossing at Sta. 236+75. Swing new 25 pair copper cable into proposed pedestal at Sta. 236+75 (LT) and proposed pedestal at Sta. 240+20 (RT). LUMEN to place new pedestal 3' North of existing R-O-W at Sta. 240+20 (RT). Feed proposed pedestal from existing service drop from adjacent CONNEXUS utility pole. Splice in slack as needed.
20. CSAH 14, Sta. 240+20 (RT & LT) Sheet 10 of 17
Conflict: Existing LUMEN 25 pair copper is potentially in conflict with proposed road construction.
Solution: Road contractor to protect and support existing 25 pair copper cable during road construction.
21. CSAH 14, Sta. 244+65 (RT & LT) Sheet 10 of 17
Conflict: Existing LUMEN 25 pair copper is potentially in conflict with proposed road construction.
Solution: Road contractor to protect and support existing 25 pair copper cable during road construction.
22. CSAH 14, Sta. 244+65 (RT) Sheet 10 of 17
Conflict: Existing LUMEN 25 pair copper is in conflict with proposed storm sewer pipe.
Solution: LUMEN to adjust existing 25 pair copper cable up 1' to avoid proposed storm sewer.
23. CSAH 14, Sta. 256+50 (RT & LT) Sheet 12 of 17
Conflict: Existing LUMEN 25 pair copper cable is in conflict with proposed road construction.
Solution: LUMEN to cut from service and remove existing 25 pair copper cable. LUMEN to bore new 25 pair copper cable 8' below existing grade at road crossing. Plow new 25 pair copper 5' North of existing R-O-W from road crossing to proposed CONNEXUS pole location At. Sta. 256+95 (RT). Swing new 25 pair copper cable into existing pedestal #3775-125A MAIN ST and splice with riser up proposed CONNEXUS pole at Sta. 256+95 (RT)
24. CSAH 14, Sta. 256+50 (RT) Sheet 12 of 17
Conflict: Existing CONNEXUS utility pole at Sta. 236+13 (RT) will be getting relocated 45' East and 3' South.
Solution: LUMEN to attach existing 50 pair copper and 72 fiber optic aerial cables to new utility pole.
25. CSAH 14, Sta. 258+20 (RT) Sheet 13 of 17
Conflict: Existing CONNEXUS utility pole at Sta. 258+20 (RT) will be getting relocated 147' East and 5' South.
Solution: LUMEN to attach existing 50 pair copper and 72 fiber optic aerial cables to new utility pole.
26. CSAH 14, Sta. 261+20 (RT) Sheet 13 of 17
Conflict: Existing CONNEXUS utility pole at Sta. 258+20 (RT) will be getting relocated 39' East and 6' South.
Solution: LUMEN to attach existing 50 pair copper and 72 fiber optic aerial cables to new utility pole.

27. CSAH 14, Sta. 262+50 (LT) Sheet 13 of 17
Conflict: Existing CONNEXUS utility pole at Sta. 262+50 (LT) will be getting relocated 25' West.
Solution: LUMEN to attach existing 100 pair copper to new utility pole. LUMEN to attach new buried 50 pair copper to new utility pole. Splice in slack as needed.
28. CSAH 14, Sta. 262+50 (RT & LT) Sheet 13 of 17
Conflict: Existing LUMEN 100 pair copper cable is in conflict with proposed road construction.
Solution: LUMEN to cut from service and remove existing 100 pair copper cable. LUMEN to bore new 50 pair copper cable 10' below existing grade at road crossing. Plow new 25 pair copper 3' North of existing R-O-W from road crossing to proposed CONNEXUS pole location at Sta. 262+25 (LT). Splice proposed buried 50 pair copper with risers at both proposed CONNEXUS poles at Sta. 261+60 (RT) and 262+25 (LT).
29. CSAH 14, Sta. 262+50 (RT) Sheet 13 of 17
Conflict: Existing CONNEXUS utility pole at Sta. 262+50 (LT) will be getting removed and not replaced.
Solution: LUMEN to detach existing 72 fiber optic and 200 pair copper from existing CONNEXUS utility pole. Other pole adjustments will address this span.
30. CSAH 14, Sta. 264+50 (RT) Sheet 14 of 17
Conflict: Existing CONNEXUS utility pole at Sta. 264+50 (RT) will be getting relocated 54' West and 7' South.
Solution: LUMEN to attach existing 200 pair copper and 72 fiber optic aerial cables to new CONNEXUS utility pole at Sta. 263+96 (RT).
31. CSAH 14, Sta. 266+65 (RT) Sheet 14 of 17
Conflict: Existing CONNEXUS utility pole at Sta. 266+65 (RT) will be getting relocated 17' East and 10' South.
Solution: LUMEN to attach existing 200 pair copper and 72 fiber optic aerial cables to new utility pole.
32. CSAH 14, Sta. 268+80 (RT) Sheet 14 of 17
Conflict: Existing CONNEXUS utility pole at Sta. 268+80 (RT) will be getting relocated 36' East and 11' South.
Solution: LUMEN to attach existing 200 pair copper and 72 fiber optic aerial cables to new utility pole.
33. CSAH 14, Sta. 271+00 (RT) Sheet 15 of 17
Conflict: Existing CONNEXUS utility pole at Sta. 268+80 (RT) will be getting relocated 41' East and 14' South.
Solution: LUMEN to attach existing 200 pair copper and 72 fiber optic aerial cables to new utility pole. LUMEN to splice existing 200 pair aerial copper with proposed 200 pair aerial copper. Splice in slack as needed.
34. CSAH 14, Sta. 271+00 to 273+00(RT) Sheet 14 of 17
Conflict: Existing 200 pair aerial copper cable is attached to a CONNEXUS utility pole at Sta. 273+00 (RT) that will be getting removed and not replaced.
Solution: LUMEN to place new 200 pair aerial copper from proposed CONNEXUS utility poles at Sta. 271+41 (RT) and Sta. 273+70 (RT).
35. CSAH 14, Sta. 273+00 (RT) Sheet 13 of 17
Conflict: Existing CONNEXUS utility pole at Sta. 273+00 (LT) will be getting removed and not replaced.
Solution: LUMEN to detach existing 72 fiber optic and 200 pair copper from existing CONNEXUS utility pole. Other pole adjustments will address this span.

36. CSAH 14, Sta. 273+70 (RT) Sheet 15 of 17

Conflict: Existing CONNEXUS utility pole at Sta. 273+70 (RT) will be getting relocated 4' East and 16' South.

Solution: LUMEN to attach proposed aerial 200 pair copper and 72 fiber optic aerial cables to new utility pole.

LUMEN to dig up existing 72 fiber optic and 200 pair copper cables and attach to new pole at Sta. 273+70.

LUMEN to splice existing 200 pair copper with proposed 200 pair aerial copper.