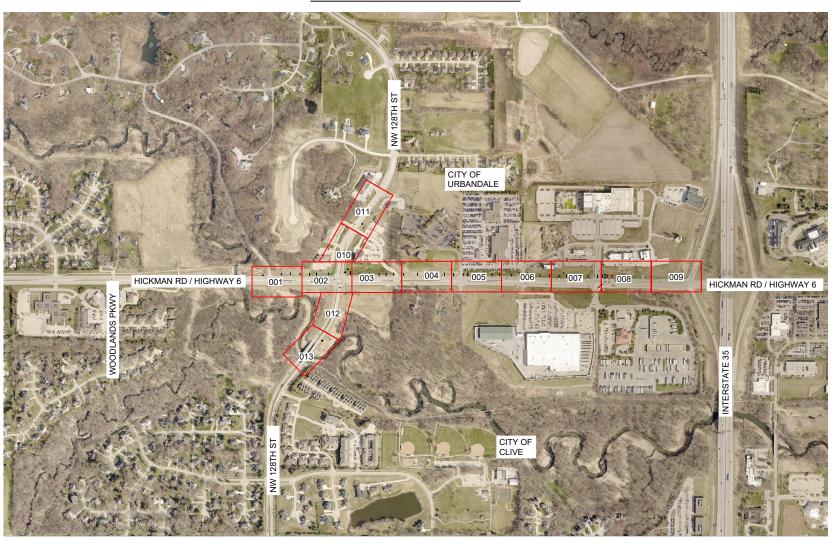
FIBER OPTIC RELOCATE ADJUSTMENTS HICKMAN WIDENING 90690P - PLANS

PROJECT LOCATION MAP

	TITLE VER NERAL NOTES AND CONTACTS
0 00	NEDAL NOTES AND CONTACTS
2 GEI	NERAL NOTES AND CONTACTS
3 PRO	OJECT PLAN VIEW - GRID 001
4 PRO	OJECT PLAN VIEW - GRID 002
5 PRO	OJECT PLAN VIEW - GRID 003
6 PRO	OJECT PLAN VIEW - GRID 004
7 PRO	OJECT PLAN VIEW - GRID 005
8 PRO	OJECT PLAN VIEW - GRID 006
9 PRO	OJECT PLAN VIEW - GRID 007
10 PR	OJECT PLAN VIEW - GRID 008
11 PR0	OJECT PLAN VIEW - GRID 009
12 PR0	OJECT PLAN VIEW - GRID 010
13 PR	OJECT PLAN VIEW - GRID 011
14 PR0	OJECT PLAN VIEW - GRID 012
15 PR0	OJECT PLAN VIEW - GRID 013



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	MCI COMMUNICATIONS	TSIDE PLANT CONSTRUCTION	'LE: FIBER OPTIC CABLE ROUTE	ICKMAN RD & NW 128TH ST HICKMAN RELOCATION	
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ALL PROPOSED WORK UNDER THIS CONTRACT SHALL BE DONE IN ACCORDANCE WITH THE ENSUING NON-INCLUSIVE CONDITIONS:

SCOPE OF WORK:

CONSTRUCTION OF ALL ASSOCIATED ACCESSORIES FOR CONDUIT INSTALLATION. SEE PLAN SHEETS FOR SUMMARY OF PROPOSED IMPROVEMENTS.

ESTIMATE OF MATERIALS: SEE COVER SHEET.

- 2. THE CONTRACTOR SHALL PROVIDE ALL COMPONENTS NECESSARY TO COMPLETE THE DESCRIBED WORK UNDER THIS CONTRACT INCLUDING MATERIAL, LABOR, EQUIPMENT, INSTALLATION, RESTORATION, JOB SITE DELIVERY COSTS, AND UTILITY RELOCATION CHARGES IF NECESSARY
- CHANGE-ORDER REQUESTS MUST BE PRESENTED IN WRITING TO THE OWNER'S REPRESENTATIVE AND APPROVED PRIOR TO PROCEEDING WITH THE REQUESTED CHANGE. DOCUMENTATION CONCERNING ANY AND ALL CHANGE ORDERS WILL BE TREATED AS LEGAL DOCUMENTS AND ARE TO BE FILED WITH THE OWNER'S REPRESENTATIVE FOR FUTURE REFERENCE.
- 4. THE ENGINEER WILL NOT BE RESPONSIBLE OR LIABLE FOR ERRORS OR NEGLIGENT ACTS OF OMISSIONS OF ANY CONTRACTOR, SUBCONTRACTOR, OR ANY OF THE CONTRACTORS' OR SUBCONTRACTORS' EMPLOYEES OR AGENTS OR ANY OTHER PERSONS (EXCLUDING ENGINEER'S OWN EMPLOYEES) AT THE CONSTRUCTION SITE OR OTHERWISE PERFORMING ANY OF THE PROJECT WORK. CONTRACTORS SUBCONTRACTORS, AND ENGINEERS WILL BE RESPONSIBLE FOR THEIR OWN SAFETY PROGRAM. NEITHER THE PROFESSIONAL ACTION OF THE ENGINEER, NOR THE PRESENCE OF THE ENGINEER OR HIS OR HER EMPLOYEES AND SUBCONSULTANTS AT THE CONSTRUCTION SITE SHALL RELIEVE ANY CONTRACTOR OF HIS OR HER OBLIGATIONS DUTIES AND RESPONSIBILITIES INCLUDING BUT NOT LIMITED TO, CONSTRUCTION MEANS, METHODS, SEQUENCE, TECHNIQUES, OR PROCEDURES NECESSARY FOR PERFORMING, SUPERINTENDING, OR COORDINATING ALL PORTIONS OF THE CONSTRUCTION WORK IN ACCORDANCE WITH THE CONTRACT DOCUMENTS AND ANY HEALTH OR SAFETY PRECAUTIONS REQUIRED BY ANY REGULATORY AGENCIES. THE ENGINEER AND HIS OR HER PERSONNEL HAVE NO AUTHORITY TO EXERCISE ANY CONTROL OVER ANY CONSTRUCTION CONTRACTOR OR OTHER ENTITY OR THEIR EMPLOYEES IN CONNECTION WITH ANY HEALTH OR SAFETY PRECAUTIONS

GENERAL NOTES:

- WORK WILL NOT BE STARTED PRIOR TO PERMIT ACQUISITION. ANY INFORMATION REQUIRED BY STATE, DOT, AND/OR LOCAL MUNICIPALITY SHALL BE PROVIDED BY THE CONTRACTOR TO SECURE ALL PERMITS.
- 2 COPIES OF THE PLANS WILL BE SENT TO STATE DOT, AND/OR LOCAL MUNICIPALITY FOR COMMENTS AND EVALUATION, ANY UTILITY CONFLICTS SHALL BE RESOLVED PRIOR TO OBTAINING PERMITS
- EXISTING RIGHT-OF-WAY SHALL BE VERIFIED TO ENSURE THAT NO WORK WILL TAKE PLACE WITHIN PRIVATE PROPERTY. ALL WORK WITHIN PRIVATE PROPERTY MUST BE FORMALLY APPROVED BY THE
- 4. THESE DRAWINGS SHALL NOT BE SCALED AND SHALL BE TAKEN FOR GENERAL INFORMATION ONLY. THE SCALE SHOWN ON THE SHEETS IS FOR THE ORIGINAL DOCUMENT SIZE ONLY
- AGENCIES HAVING JURISDICTION OVER PROPOSED WORK SHALL GOVERN THE REQUIREMENTS OF THE CONTRACTOR AND ALL WORK SHALL BE COORDINATED WITH OTHER PROJECTS IN THE AREA PRIOR TO AND DURING THE PROPOSED INSTALLATION.
- 6. CONTRACTOR SHALL COORDINATE PROPOSED WORK WITH ALL PRIVATE AND PUBLIC UTILITIES AS WELL AS STATE AND CITY AGENCIES.
- 7. CONTRACTOR SHALL OBTAIN ALL NECESSARY EXCAVATION PERMITS.

SAFETY:

- ALL NECESSARY SAFETY PRECAUTIONS SHALL BE TAKEN BY THE CONTRACTOR TO PROTECT UTILITIES, WORKERS, PEDESTRIANS, AND VEHICULAR TRAFFIC. PROTECTION SUCH AS TEMPORARY FENCES AND BARRICADES SHALL BE PROVIDED BY THE CONTRACTOR TO PROTECT THE PUBLIC AND PROPERTY DURING ALL PHASES OF CONSTRUCTION
- UNFINISHED SURFACE AND OPEN TRENCH LOCATIONS SHALL BE PROTECTED BY DEVICES SUCH AS SIGNAGE, WARNING LIGHTS, TEMPORARY BARRICADES, STEEL PLATES, AND OTHER PROTECTIVE FOUIPMENT 24 HOURS A DAY UNTIL SURFACE IS RESTORED.
- ENTRANCES TO BUILDINGS, CROSSWALKS, AND GARAGES ARE TO BE MAINTAINED BY THE CONTRACTOR WITH THE USE OF ADA APPROVED RAMPS WHERE NECESSARY. THE GENERAL PUBLIC SHALL BE DIVERTED AWAY FROM THE CONSTRUCTION WORK AREA USING PASSAGEWAYS WHERE NECESSARY, INSTALLED AND DESIGNED BY THE CONTRACTOR

MATERIALS:

- ALL INSTALLED MATERIALS WITHIN THE PROJECT AREA SHALL BE IN CONFORMANCE WITH STANDARD RECOMMENDATIONS OF THE AMERICAN NATIONAL STANDARDS INSTITUTE (ANSI) AND THE NATIONAL ELECTRICAL MANUFACTURER'S ASSOCIATION. IF INSTALLATION TERMINATES INSIDE OF A BUILDING THEN BUILDING OWNER SPECIFICATIONS NEED TO BE CONSIDERED.
- CONSTRUCTION MATERIALS ARE TO BE STORED IN AN ORGANIZED MANNER AS TO NOT DISRUPT PEDESTRIANS, OTHER WORKERS, OR CONTRACTORS WORKING UNDER DIFFERENT PERMITS.

EXISTING UTILITIES

1. THE CONTRACTOR SHALL CONTACT THE LOCAL MUNICIPALITY AT LEAST 2 WORKING DAYS PRIOR TO

- CONSTRUCTION TO PROVIDE THE NAME AND NUMBER OF THE PROJECT SUPERINTENDENT IN CASE OF A SEWER EMERGENCY
- EXISTING CONDITIONS, UTILITIES, AND STRUCTURES SHOWN IN THE PLAN SET ARE BASED ON UTILITY ATLASES AND DRAWINGS BY THE UTILITY COMPANIES AND ARE ASSUMED TO BE CORRECT AND ACCURATE. A SURVEY SHALL BE PERFORMED BY THE CONTRACTOR TO FIELD VERIFY ALL EXISTING CONDITIONS AND STRUCTURES IN THE WORK AREA PRIOR TO THE START OF ANY WORK
- TEST HOLES SHALL BE PERFORMED BY THE CONTRACTOR TO VERIFY THE EXACT LOCATION AND DEPTH OF EXISTING UTILITIES WHERE NECESSARY. ALL TEST HOLES SHALL BE CLEARLY MARKED AND PROPERLY GUARDED FOR THE PROTECTION OF BOTH CONTRACTOR AND PUBLIC. TEST HOLES ARE NOT TO BE LEFT UNATTENDED UNLESS COVERED BY STEEL PLATE APPROVED BY LOCAL GOVERNING BODY OR TEMPORARILY FILLED PRIOR TO FINAL RESTORATION METHOD. NOTE THAT FINAL RESTORATION METHOD OF TEST HOLES IN EXISTING CONCRETE MUST CONFORM TO LOCAL STANDARDS
- 4. OVERHEAD OBSTRUCTION LOCATIONS SHALL ALSO BE VERIFIED PRIOR TO WORK COMMENCING.
- 811 (OR LOCAL LOCATE EQUIVALENT) SHALL BE CONTACTED BY THE CONTRACTOR 72 BUSINESS HOURS IN ADVANCE OF CONSTRUCTION TO MARK OUT EXISTING UTILITIES NEAR THE PROPOSED EXCAVATION. LOCATIONS OF EXISTING UTILITIES SHOWN IN THE DRAWINGS ARE APPROXIMATE AND MAY NOT ACCURATELY REPRESENT THE EXISTING FIELD CONDITIONS.
- 6. ALL EXISTING UTILITIES SHALL BE LOCATED AND MARKED PRIOR TO ANY CONSTRUCTION TAKING PLACE.
- EXCAVATION WORK NEAR EXISTING UTILITIES AND STRUCTURES SHALL BE DONE BY HAND.
- ALL MAJOR DISCREPANCIES BETWEEN THE ACTUAL FIELD CONDITIONS AND THE PLAN SET SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEERING CONTRACTOR BY THE CONTRACTOR PRIOR TO THE START OF CONSTRUCTION.
- 9. AS INSTALLATION PROGRESSES. THE CONTRACTOR SHALL PREPARE RED-LINE DRAWINGS THAT SHOW THE LOCATION AND ELEVATION OF THE PROPOSED INSTALLATION AND ALL EXISTING UTILITIES ENCOUNTERED. UPON COMPLETING THE WORK, THESE RED-LINES SHALL BE SENT TO THE ENGINEERING CONTRACTOR.

WORK:

- EQUIPMENT AND MATERIALS CANNOT BE STORED IN THE PUBLIC ROADWAY UNLESS WRITTEN PERMISSION IS OBTAINED FROM THE CITY, STATE, OR GOVERNING BODY WHERE WORK IS TO BE PERFORMED.
- 2. ALL EXCAVATIONS SHALL BE THOROUGHLY INSPECTED BY THE CONTRACTOR PRIOR TO PLACING PROPOSED UTILITIES. ALL EXISTING AND NEWLY INSTALLED UTILITIES SHALL BE INSPECTED PRIOR TO SHORING OR BACKFILLING THE EXCAVATED AREA
- THE CONTRACTOR IS RESPONSIBLE FOR ACQUIRING AND REVIEWING ANY SHORING SYSTEMS BEFORE CONSTRUCTION
- THE CONTRACTOR IS TO ASSUME THAT ALL EXISTING CABLES ARE ENERGIZED AND SHALL BE SUPPORTED IN A WAY THAT NO PART OF THE CABLE IS STRESSED.
- THE ENGINEERING CONTRACTOR SHALL BE NOTIFIED WHEN NEWLY INSTALLED DUCT PACKAGE DEPTH BELOW THE SURFACE IS GREATER THAN THAT SHOWN IN THE PROFILE DRAWING AND CONSTRUCTION CONTRACTOR SHALL RECORD SUCH ON RED LINE DRAWINGS.
- THE ENGINEERING CONTRACTOR SHALL BE NOTIFIED WHEN THE CONTRACTOR IS UNABLE TO OBTAIN THE NECESSARY VERTICAL OR HORIZONTAL CLEARANCE FROM EXISTING UTILITIES. SO THAT THE APPROPRIATE OWNER'S REPRESENTATIVE CAN BE NOTIFIED AND A VARIANCE CAN BE REQUESTED

RESTORATION:

- CONTRACTOR TO OBTAIN ALL PERMITS AND PAY ALL FEES FOR RESTORATION.
- 2. CONTRACTOR SHALL BE RESPONSIBLE FOR CONFORMING TO ANY AND ALL RESTORATION AND CONSTRUCTION STANDARDS SET FOR BY LOCAL GOVERNING BODIES
- CONTRACTOR SHALL BREAK OUT PAVEMENT, SIDEWALK, DRIVEWAY, PARKWAY, CURB AND GUTTER, AND RESTORE TO LASTING CONDITION. CONTRACTOR TO MATCH EXISTING PAVEMENT JOINTS AND COLOR, TEXTURE, AND FINISH OF SIDEWALKS, CURB, AND GUTTER.
- 4. ROADWAYS AFFECTED BY THE EXCAVATION SHALL BE RESTORED BASED ON LOCAL GOVERNING AGENCY'S SPECIFICATIONS FOR "REGULATIONS FOR OPENINGS. CONSTRUCTION AND REPAIR IN THE ROADWAY." REPLACEMENT OF EXCAVATED SURFACE AND SURROUNDING AREA SHALL BE DETERMINED BY THE CONTRACTOR, LOCAL GOVERNING AGENCY, OR PRIVATE PROPERTY OWNER.
- RESTORATION OF THE AREA AROUND THE PROPOSED INSTALLATION INCLUDES BUT IS NOT LIMITED TO: CONCRETE, BLACK DIRT, SOD, SHRUBS, TREES, BACKFILL, ASPHALT PRIMER, STREET CONCRETE BASE, HOT ROLLED ASPHALT, DRIVEWAY, SIDEWALK, CURB AND GUTTER, ADA RAMPS, AND REINSTALLATION OF SIGNS, TRAFFIC SIGNALS, MAILBOXES, METERS, CITY LIGHTS, TRAFFIC SIGNAL BOXES, BENCHES, CANOPIES AND PLANTERS
- A PERMIT SHALL BE OBTAINED BY THE CONTRACTOR TO PAVE THE STREET AND/OR SIDEWALK IN THE CONTRACTOR'S NAME. PAVING SHALL BE COMPLETED BY THE CONTRACTOR WITHIN 15 WORKING DAYS OF THE EXCAVATION BACKFILL UNLESS OTHERWISE ARRANGED WITH THE GOVERNING AGENCY IN ADVANCE
- ALL DAMAGED UTILITIES AND STRUCTURES ARE TO BE RESTORED BY THE CONTRACTOR TO THE SATISFACTION OF THE CORRESPONDING OWNER'S REPRESENTATIVE

PROJECT INFORMATION

SITE NAME HICKMAN ROAD & NW 128TH RELOCATE

SITE ADDRESS VARIES

COUNTY: POLK LATITUDE VARIES LONGITUDE VARIES

PROJECT DESCRIPTION:

- RELOCATE THE EXISTING VERIZON FIBER OPTIC CABLES AT HICKMAN ROAD AND NW 128TH STREET DUE TO ROAD CONSTRUCTION & WIDENING ON HWY 6- HICKMAN RD. FROM THE I-35 RAMPS TO NW 128TH ST
- RELOCATE THE EXISTING VERIZON FIBERS OPTIC CABLES NORTH AND SOUTH OF NW 128TH ST DUE TO ROAD CONSTRUCTION & WIDENING.

CONTACTS

CITY OF CLIVE 2123 NW 111TH STREET CLIVE, IOWA 50325

CONTACT: JEFF MAY CFII: (515) 223-6231 EMAIL: Jmay@cityoCLive.com

CITY OF URBANDALE: 3600 86TH STREET

URBANDALE, IA 50322 CONTACT: David McKay, P.E. OFFICE: (515) 278-3950 FMAII · engpw@urbandale.org

2300 SE 17TH STREET IOWA DOT DISTRICT 1: GRIMES, IOWA 50111

CONTACT: JEFF CUNNINGHAM OFFICE: (515) 986-5461

jeffrey.cunningham@iowadot.us EMAIL:

VERIZON BUSINESS: CONTACT: JIM POWERS

OFFICE: (515) 380-2208 EMAIL:

jim.powers1@verizon.com

810 JORIE BLVD | STE 110 ZAYO GROUP

OAK BROOK, ILLINOIS 60523 CONTACT: TIM PAYMENT OFFICE: (630) 203-8003 CELL: (630) 991-7258

EMAIL: Timothy.payment@zayo.com

NEWCOM 6000 GRAND AVENUE **TECHNOLOGIES**

DES MOINES, IOWA 50312 CONTACT: DERRIK HILLS OFFICE: (515) 633-1524 FMAII · dhills@newcomtech.com



PROJECT 90690P

HICKMAN RD AND NW 128TH STREET

CLIVE & URBANDALE, IA LARIFICATION NO.

DATE: 7-20-202	MCI COMMUNICATIONS				
21	OUTSIDE PLANT CONSTRUCTION				
	TITLE: FIBER OPTIC CABLE ROUTE				
	HICKMAN RD AND NW 128TH STREETREROUTE HICKMAN RD FIBER RELOCATION				

NGINEER: NEWCOM TECH

RAWN BY: M GUIRGUIS

REVISIONS

-25-202 PLANS MG -20-202 PI ANS MG -22-2022 CHANGES PER DOT BDA

EPT AS MAY BE OTHERWISE PROVIDED BY CONTRA SE DRAWINGS AND SPECIFICATIONS SHALL REMAIN ROPERTY OF MCI COMMUNICATIONS SERVICES, INC EING ISSUED IN STRICT CONFIDENCE AND SHALL N EPRODUCED, COPIED, OR USED FOR ANY PURPOSE ITHOUT SPECIFIC WRITTEN PERMISSION.

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TO MP SHEET 002 OF 015

FILE

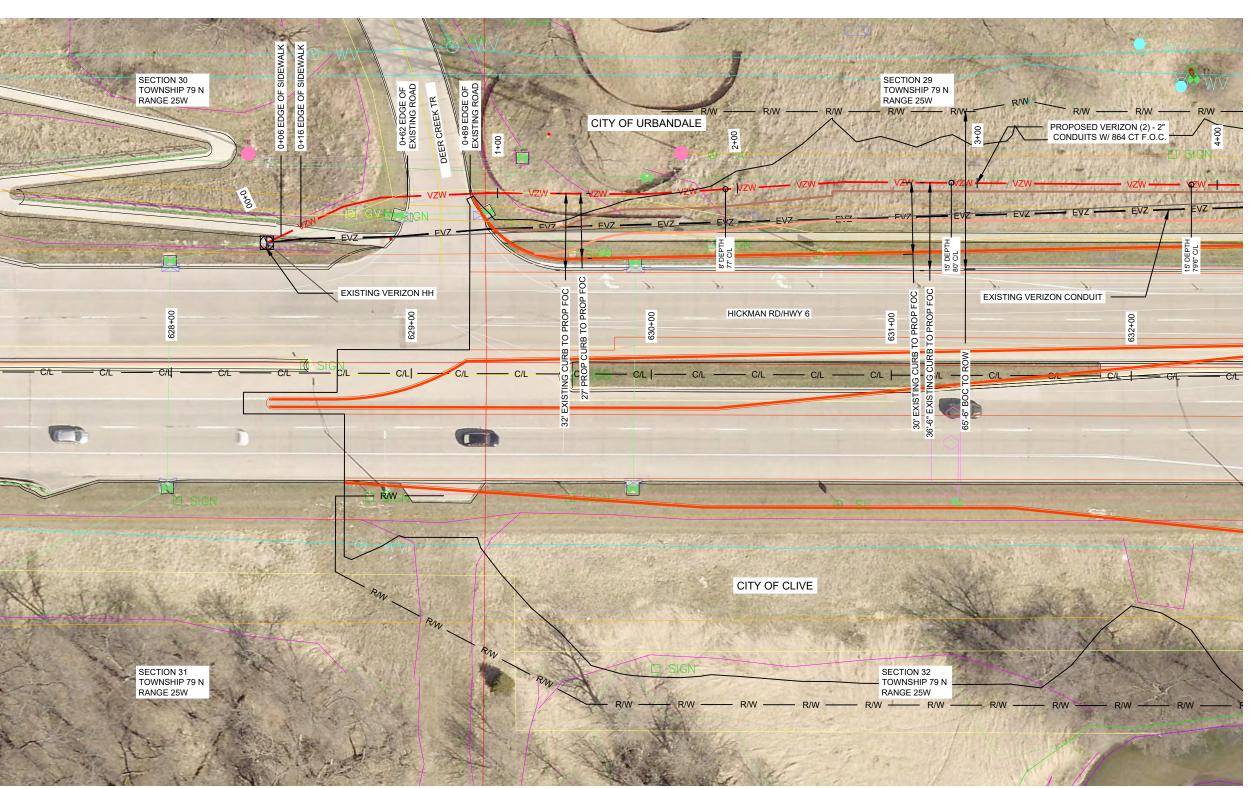


90690P

QUANTITY

HICKMAN RD AND NW 128TH STREET REROUT CLIVE & URBANDALE, IA

CLARIFICATION NO.



Matchline Survey Sta. 04+11 (See Sheet 002 of OUTSIDE PLANT CONSTRUCTION
TITLE: FIBER OPTIC CABLE ROUTE
HICKMAN RD AND NW 128TH STREET REROUTE
HICKMAN RD FIBER RELOCATION

DATE: 7-20-2021 ENGINEER: NEWCOM TECH DRAWN BY: M GUIRGUIS

REVISIONS

DATE	DESCRIPTION	INITIAL
3-25-2021	PLANS	MG
7-20-2021	PLANS	MG
4-22-2022	CHANGES PER DOT	BDA

XCEPT AS MAY BE OTHERWISE PROVIDED BY CONTRACT HESE DRAWINGS AND SPECIFICATIONS SHALL REMAIN THE ROPERTY OF MIC COMMUNICATIONS SERVICES, INC., BO' EING ISSUED IN STRICT CONTIDENCE AND SHALL NOT BE EPRODUCED, COPIED, OR USED FOR ANY PURPOSE WITHOUT SPECIFIC WRITTEN FERMISSION.

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PROJECT: 90690P

HICKMAN RD & 128TH ST REROUTE

QUANTITY

CLIVE & URBANDALE, IA

LARIFICATION NO.

MCI COMMUNICATIONS
OUTSIDE PLANT CONSTRUCTION
TITLE: FIBER OPTIC CABLE ROUTE
HICKMAN RD & 128TH ST REROUTE
HICKMAN RD FIBER RELOCATION

DATE: 7-20-2021

003 of

NEWCOM TECH DRAWN BY: M GUIRGUIS

REVISIONS

DATE	DESCRIPTION	INITIAL
3-25-2021	PLANS	MG
7-20-2021	PLANS	MG
4-22-2022	CHANGES PER DOT	BDA

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FILE:

100+82 EDGE OF EXISTING SIDEWALK CURB SECTION 29 CITY OF URBANDALE TOWNSHIP 79 N RANGE 25W 92501+00 PROPOSED VERIZON (2) - 2" CONDUITS W/ 864 CT F.O.C. 43' EXISTING CURB TO PROP HANDHOLE 6'6" DEPTH 62' C/L RELOCATE EXISTING VERIZON HH 92500+00 1+00 PROPOSED INSTALLATION TO BE AT MINIMUM 60" BENEATH 0+42 EDGE OF EXISTING AND PROPOSED POLES STRUCTURES AT CROSSINGS. HICKMAN RD/HWY 6 PROPOSED ROAD 0+74 EDGE OF C/L EXISTING SIDEWALK 44' BOC TO 0+79 EDGE OF EXISTING SIDEWALK 0+82 EDGE OF FIBER CROSSING MP 126.607 EXISTING ROAD DOT 636+28.85 (HICKMAN RD) 1+37 EDGE OF CURB 92499+62.48 (NW 128TH ST) MP 126.570 EXISTING 42" DEPT 1+40 EDGE OF CURB EXISTING 1+80 EDGE OF EXISTING ROAD CITY OF CLIVE 92499+00 2+11 EDGE OF PROPOSED VERIZON HH OF SIZE 30 X 60 X 30 IS PROPOSED ROAD LOCATED AT DOT STATION 637+13 AND MP 126.583 SECTION 32 TOWNSHIP 79 N THE FIBER OPTIC AT THE NORTH SIDE OF NW 128TH 29' EXISTING CURB TO PROP FOC STARTS AT STATION 100+00 PROPOSED VERIZON 2.00" RANGE 25W CONDUIT WITH 432 CT F.O.C 8' PROP CURB TO PROP FOC 44' BOC TO ROW

CITY OF CLIVE SECTION 32 TOWNSHIP 79 N

RANGE 25W



NewCom Technologies

HICKMAN RD & 128TH ST REROUTE

CLIVE & URBANDALE, IA

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DATE: 7-20-2021

Matchline Survey Sta. 14+89 (See Sheet

of. 800

> ENGINEER: NEWCOM TECH DRAWN BY: M GUIRGUIS

> > REVISIONS

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3-25-2021	PLANS	MG
7-20-2021	PLANS	MG
4-22-2022	CHANGES PER DOT	BDA

XCEPT AS MAY BE OTHERWISE PROVIDED BY CONTRACT HESE DRAWINGS AND SPECIFICATIONS SHALL REMAIN THE ROPERTY OF MCI COMMUNICATIONS SERVICES, INC., BO'EING ISSUED IN STRICT CONFIDENCE AND SHALL NOT BE EPRODUCED, COPIED, OR USED FOR MY PURPOSE WITHOUT SPECIFIC WRITTEN FERMISSION.

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SHEET 005 OF 015



LARIFICATION NO.

PROJECT: 90690P

HICKMAN RD & NW 128TH ST REROUTE

CLIVE & URBANDALE, IA

QUANTITY

MCI COMMUNICATIONS

of.

DATE: 7-20-2021

ENGINEER: NEWCOM TECH
DRAWN BY: M GUIRGUIS

OUTSIDE PLANT CONSTRUCTION
TITLE: FIBER OPTIC CABLE ROUTE
HICKMAN RD & NW 128TH ST REROUTE
HICKMAN RD FIBER RELOCATION

REVISIONS

DATE	DESCRIPTION	INITIAL
3-25-2021	PLANS	MG
7-20-2021	PLANS	MG
4-22-2022	CHANGES PER DOT	BDA

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FILE:

SECTION 29 TOWNSHIP 79 N RANGE 25W CITY OF URBANDALE PROPOSED VERIZON (2) - 2" CONDUITS W/ 864 & 432 CT F.O.C. EXISTING VERIZON CONDUIT -HICKMAN RD/HWY 6 36' EXISTING 29'-6" PROP 95' BOC TO 35'-6" EXIST 19' PROP CU CITY OF CLIVE SECTION 32 TOWNSHIP 79 N RANGE 25W

rvey sta. 14+89 (see sheet 003 of 008



NewCom Technologies PROJECT: 90690P HICKMAN RD & NW 128TH ST REROUTE CLIVE & URBANDALE, IA CLARIFICATION NO. QUANTITY Matchline Survey Sta. 25+29 (See Sheet 006 of 008) OUTSIDE PLANT CONSTRUCTION
TITLE: FIBER OPTIC CABLE ROUTE
HICKMAN RD & NW 128TH ST REROUTE
HICKMAN RD FIBER RELOCATION MCI COMMUNICATIONS

DATE: 7-20-2021

ENGINEER: NEWCOM TECH
DRAWN BY: M GUIRGUIS

REVISIONS

DATE	DESCRIPTION	INITIAL
3-25-2021	PLANS	MG
7-20-2021	PLANS	MG
4-22-2022	CHANGES PER DOT	BDA

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CITY OF URBANDALE SECTION 29 TOWNSHIP 79 N RANGE 25W RW RW RW RW RW	PROPOSED VERIZON HH 30 X 60 X 30 AT DOT STATIONING 649+72 AND MP 126.822	
MAN WAY A MAN A MA	AT DOT STATIONING 649+72 AND MP 126.822	DPOSED VERIZON (2) - 2" INDUITS W/ 864 & 432 CT F.O.C. RW R
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SECTION 32 TOWNSHIP 79 N RANGE 25W	SIGN SIL	— R/W — R/W — R/W — W/S



SECTION 29 TOWNSHIP 79 N RANGE 25W CITY OF URBANDALE PROPOSED VERIZON (2) - 2" CONDUITS W/ 864 & 432 CT F.O.C. EXISTING VERIZON CONDUIT -HICKMAN RD/HWY 6 — C/L —— C/L -1 C/L 2 8-8-38' 30' I 28'-CITY OF CLIVE SECTION 32 TOWNSHIP 79 N RANGE 25W

Matchline Survey Sta. 30+49 (See Sheet 007 of

800

OUTSIDE PLANT CONSTRUCTION

TITLE: FIBER OPTIC CABLE ROUTE
HICKMAN RD & NW 128TH ST REROUTE
HICKMAN RD & NW 128TH ST REROUTE
HICKMAN RD FIBER RELOCATION

NewCom Technologies

90690P

HICKMAN RD & NW 128TH ST REROUTE

DATE: 7-20-2021

ENGINEER: NEWCOM TECH

DRAWN BY: M GUIRGUIS

REVISIONS
DATE DESCRIPTION

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3-25-2021	PLANS	MG
7-20-2021	PLANS	MG
4-22-2022	CHANGES PER DOT	BDA

EXCEPT AS MAY BE OTHERWISE PROVIDED BY CONTRACT, THESE DRAWINGS AND SPECIFICATIONS SHALL REMAIN THE PROPERTY OF MCI COMMUNICATIONS SERVICES, INC. BOTH BEING ISSUED IN STRICT COMFIDENCE AND SHALL NOT BE REPRODUCED, COPIED, OR USED FOR ANY PURPOSE WITHOUT SPECIFIC WRITTEN PERMISSION.

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SECTION 29 TOWNSHIP 79 N RANGE 25W CITY OF URBANDALE PROPOSED INSTALLATION TO BE AT MINIMUM 48" AWAY FROM PROPOSED TRAFFIC SIGNAL PEDESTRIAL POLE. PROPOSED INSTALLATION TO BE AT MINIMUM 60" BENEATH EXISTING AND PROPOSED STORM SEWER STRUCTURES AT CROSSINGS. EXISTING VERIZON CONDUIT PROPOSED VERIZON (2) - 2" CONDUITS W/ 864 & 432 CT F.O.C. HICKMAN RD/HWY 6 C/L = C/L = C/L = C/L = C/L = 33' EXIST PROPOSED INSTALLATION TO BE AT MINIMUM OF 42" DEPTH AFTER FINAL PROJECT GRADE HAS BEEN ESTABLISHED. SECTION 32 TOWNSHIP 79 N RANGE 25W CITY OF CLIVE

Matchline Survey Sta. 35+70 (See Sheet 008 of 008 OUTSIDE PLANT CONSTRUCTION
TITLE: FIBER OPTIC CABLE ROUTE
HICKMAN RD & NW 128TH ST REROUTE
HICKMAN RD FIBER RELOCATION

90690P

QUANTITY

HICKMAN RD & NW 128TH ST REROUTE CLIVE & URBANDALE, IA

LARIFICATION NO.

ENGINEER: NEWCOM TECH DRAWN BY: M GUIRGUIS

DATE: 7-20-2021

REVISIONS

DATE	DESCRIPTION	INITIAL
3-25-2021	PLANS	MG
7-20-2021	PLANS	MG
1-22-2022	CHANGES PER DOT	BDA
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OF 015 SHEET 009



Matchline Survey Sta. 38+48 (See Sheet END of 008)

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000-98 TO 00 TZF0	PROPOSED VERIZON HH 30 X 60 X 30 AT DOT STATIONING 664+02 AND MP 1 INSTALL SPLIT DUCT COUPLING BETWEEN EX				
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ZA3 - ZA3 - 47" EXISTING	C/L — C/L EXISTING VIA OPEN	HICKMAN RD/HWY 6	EXPOSED HLOCATION. — C/L	EXISTING VERIZON CONDUIT -	
RELOCATE EX	EVZ — EVZ — EVZ — E	VZ ————————————————————————————————————	OF CLIVE	EVZ EVZ	SECTION 32 TOWNSHIP 79 N RANGE 25W

PROJECT: 90690P HICKMAN RD & NW 128TH ST REROUTE

CLIVE & URBANDALE, IA

NewCom Technologies

CLARIFICATION NO. QUANTITY OUTSIDE PLANT CONSTRUCTION
TITLE: FIBER OPTIC CABLE ROUTE
HICKMAN RD & NW 128TH ST REROUTE
HICKMAN RD FIBER RELOCATION MCI COMMUNICATIONS

DATE: 7-20-2021 **ENGINEER**: NEWCOM TECH DRAWN BY: M GUIRGUIS

REVISIONS

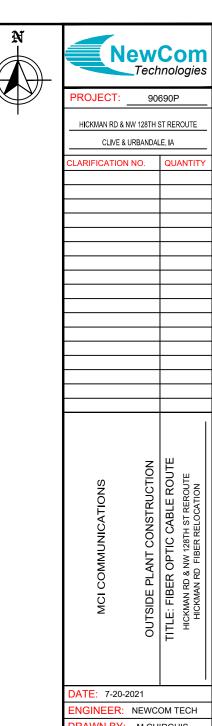
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3-25-2021	PLANS	MG
7-20-2021	PLANS	MG
4-22-2022	CHANGES PER DOT	BDA

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DRAWN BY: M GUIRGUIS

REVISIONS

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3-25-2021	PLANS	MG
7-20-2021	PLANS	MG
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EV7 —— FV7 SECTION 22	EVZ — EVZ — EVZ — EVZ	■ SIGN EVZ — EVZ — EVZ -		INTERSOUTH 35	CITY OF CLIVE





90690P

QUANTITY

HICKMAN RD & NW 128TH ST REROUTE CLIVE & URBANDALE, IA

CLARIFICATION NO.

OUTSIDE PLANT CONSTRUCTION
TITLE: FIBER OPTIC CABLE ROUTE
HICKMAN RD & NW 128TH ST REROUTE
HICKMAN RD FIBER RELOCATION MCI COMMUNICATIONS

DATE: 7-20-2021

3-25-2021

7-20-2021

ENGINEER: NEWCOM TECH DRAWN BY: M GUIRGUIS REVISIONS

PLANS

PLANS 4-22-2022 CHANGES PER DOT

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Matchline Survey Sta. 004+25 (See Sheet 011 of 011)

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NA THE WAY	SECTION 29 TOWNSHIP 79 N RANGE 25W CITY OF URBANDALE RIZON (2) - 2" 132 CT F.O.C.
	103+89 EDGE OF EXISTANCE OF EXI



NewCom Technologies

PROJECT: 90690P

HICKMAN RD & NW 128TH ST REROUTE

CLIVE & URBANDALE, IA

CLARIFICATION NO. QUANTITY

MCI COMMUNICATIONS

Matchline Survey Sta. 005+27 (See Sheet END of 011)

OUTSIDE PLANT CONSTRUCTION

TITLE: FIBER OPTIC CABLE ROUTE
HICKMAN RD & NW 128TH ST REROUTE
HICKMAN RD FIBER RELOCATION

DATE: 7-20-2021

ENGINEER: NEWCOMTECH
DRAWN BY: M GUIRGUIS

REVISIONS

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PROPOSED VERIZON (2) - 2* CONDUITS W/ 432 CT F.O.C. PROPOSED VERIZON (2) - 2* CONDUITS W/ 432 CT F.O.C. EVZ EVZ EVZ EVZ EVZ EVZ EVZ EV	NW 128TH STREET EVZ EVZ EVZ EVZ EVZ EVZ EVZ EVZ EVZ





PROJECT: 90690P

HICKMAN RD & NW 128TH ST REROUTE

CLIVE & URBANDALE, IA

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OUTSIDE PLANT CONSTRUCTION	TITLE: FIBER OPTIC CABLE ROUTE	HICKMAN RD & NW 128TH ST REROUTE HICKMAN RD FIBER RELOCATION	

DATE: 7-20-2021

ENGINEER: NEWCOMTECH
DRAWN BY: M GUIRGUIS

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Etoline Survey Sta. O'T. AS. Beet M. A. See Sheet O. T. A. S. Beet M. A. S. B.	15 EXISTING 8-5" PROPE	26 E		Matchline Survey Sta. 02+61
(3. 07+24 (3. 17.20 TH2)	29 - 6" BO C/L S4" DE PH 42" DEPTH 42" DEPTH 42" CPTH 42"	PROP CUR	PROP CURB	STREET (See Sheet
NZW EVZ EVZ	C TO ROW COP FOC DP FOC DP FOC T CL	C/L	BOC TO ROW TING VERIZON CONDUIT TING VERIZON CONDUIT	002 of 00
RW NZW	VZW EVZ EVZ EVZ	42" DEPTH 64" CI, 0 P FOC	FOC PHH 42° DEPHH 42° CPH	POPTH EVZ
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	PROPOSED VERIZON (2) - 2" CONDUITS W/ 432 CT F.O.C. PROPOSED INSTALLATION TO BE AT MINIMUM OF 42" DEPTH	R/W R/W VZW VZW VZW VZW	ZW VZW VZW VZW RW RW RW	R/W R/V
	AFTER FINAL PROJECT GRADE HAS BEEN ESTABLISHED.	R	RW — RW — RW	
AND PR	PROPOSED INSTALLATION TO BE AT MINIMUM 60" BENEATH E OPOSED STORM SEWER STRUCTURES AT CROSSING. BORE DEPTH ELEVATIO			
	SECTION TOWNSH	IP 79 N		
	RANGE 2	5W	2 RW 1	





PROJECT: 90690P

HICKMAN RD & NW 128TH ST REROUTE

CLIVE & URBANDALE, IA

CLARIFICATION NO.		QU	ANTITY
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DATE: 7-20-2021

ENGINEER: NEWCOM TECH
DRAWN BY: M GUIRGUIS

REVISIONS

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SECTION 32 TOWNSHIP 79 N RANGE 25W	
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10 00 00 00 00 00 00 00 00 00 00 00 00 0	Sta.07+2A (See Sheet 012 of 013 Sta.07+2A (See Sheet 012 of 013 RW R
RELOCATE EXISTING VERIZON HH SIZE 24 X 36 X 30 CITY OF CLIVE VZ — EVZ —	PROPOSED VERIZON (2) - 2" CONDUITS W/ 432 CT F.O.C.