

# ANOKA COUNTY TRANSPORTATION DIVISION 1440 BUNKER LAKE BLVD NW ANDOVER, MN 55304

763-324-3176 highwaypermits@anokacountymn.gov RIGHT OF WAY X COMMERCIAL ACCESS

APPLICATION FOR PERMIT FOR INSTALLATION OF UTILITIES OR PLACING OBSTRUCTIONS ON THE COUNTY HIGHWAY SYSTEM ALL APPLICANTS MUST BE REGISTERED PRIOR TO PERMIT APPROVAL

APPLICANT NAME Gateway Fiber Infrastructure LLC CONTACT PERSON Brandon Ferngren

ADDRESS 275 N Service Rd, Suite O CITY Wright City, MO 63390

PHONE NUMBER 612-986-1453 EMAIL brandon.ferngren@gatewayfiber.com

COMPANY OR INDIVIDUAL PERFORMING WORK Comlink Solutions

CONTACT PERSON Spencer Nelson EMAIL spencer.nelson@comlink-solutions.com

PHONE NUMBER 612-346-5484

PERMIT WORK TO START 4/7/2025

PERMIT WORK TO BE COMPLETED 7/7/2025

DURATION OF JOB 12 weeks

ARE YOU BEING ASKED TO RELOCATE DUE TO A COUNTY PROJECT? No

ANOKA COUNTY PROJECT NUMBER

WORK SITE ADDRESS Along 125 Ave NE from Hastings St to N Lake BLVD

CITY Blaine

METHOD OF INSTALLATION/CONSTRUCTION Directional Drilling

NATURE OF WORK Fiber installation in Anoka County ROW for Gateway Fiber along 125th Ave Northeast, from Hastings St Northeast to North Lake BLVD, shown on the map that is attached. The proposed work will be in accordance with the Anoka County Government to work in the city ROW.

SITE PLAN SURFACE TO BE DISTURBED

IF THE ROADWAY IS ENCROACHED, YOU MUST ATTACH A TRAFFIC CONTROL PLAN AND/OR REFERENCE THE MOST CURRENT VERSION OF THE MN TEMPORARY TRAFFIC CONTROL FIELD MANUAL (3+ DAYS REQUIRES PLANS TO BE SIGNED BY A LICENSED PE).

> Traffic Control Plans on Following Sheets Layout 8 - Sheet C3, Layout 33 - Sheet C3, Layout 57 - Sheet C4, Layout 65 - Sheet C4

**CONCRETE** 

**BITUMINOUS** 

X DITCH/BLVD

**GRAVEL** 

IS SIGNING AND STRIPING REQUIRED? Yes

**NONE** 

DEPTH FROM SURFACE 60" (60" minimum under county roads)

SIZE AND KIND OF PIPE/CABLE 1.25" Duct/Fiber Optic Cable

NUMBER OF EXCAVATIONS 4+

SIZE OF EXCAVATIONS 12x12x12, 14x19x12, 17X30x24, (Length, width, and depth)

LOCATION OF EXCAVATIONS ALL EXCAVATIONS ARE TO BE PROTECTED AT ALL TIMES AND THEN BACKFILLED WHEN UNATTENDED AND/OR OVERNIGHT Specific written descriptions of excavations - if shown on attached drawing, drawing shall be specific with depth and distance from centerline, curb, or other distinguishable location. Traffic control plans cannot be approved without specific excavation descriptions.

Approximately 12-36" deep within Anoka County ROW along 125th Ave Northeast from Hastings St Northeast to Radisson Rd NE, as shown on the map.

THIS PERMIT COVERS THE RIGHT OF WAY IN ANOKA COUNTY ONLY

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PERMIT PHONE: 763-324-3176 highwaypermits@anokacountymn.gov

### **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. Under those circumstances, the utility/contractor is permitted to begin and/or complete the necessary repairs. The Anoka County Transportation Division (ACTD) shall be notified of emergency repairs as soon as feasible and a written permit is to be completed within two business days of occurrence.

A license-permit bond is generally required of the contractor as part of the registration process, 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 work/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 apply to each permit.

ACTD reserves the right to revoke any utility permit and halt work, if, upon inspection of any job site, the special conditions are not met, and/or a hazard exists for the applicant or public safety is threatened. The failure to comply with the terms and conditions of any applicable Federal, State, Regional, and local laws, rules and regulations, including any provision of Anoka County's Right-of-Way Ordinance shall be cause for immediate revocation of a permit.

The applicant shall notify ACTD immediately upon completion of project so that the ACTD can inspect the site to determine if restoration has been satisfactorily completed.

The undersigned hereby accepts the terms and conditions of this permit and the regulations of Anoka County, and agrees to fully comply therewith to the satisfaction of the ACTD. The county of Anoka, its officials, employees, and agents, shall be held harmless, by the applicant/permittee, from any demands, claims, lawsuits, or damages relating to the work described in this permit.

_	Signed by:		. / . /
APPLICANT'S SIGNATURE	1 . 1 6	DATE	4/4/2025
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#### **AUTHORIZATION OF PERMIT**

In consideration of the applicant's agreement to comply in all respects with the regulations of the ACTD 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. 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.

APPROVED BY:	DATE
TITLE: Traffic Technician	

NOT VALID UNLESS SIGNED BY ANOKA COUNTY



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# 1440 BUNKER LAKE BLVD NW ANDOVER, MN 55304

PERMIT PHONE: 763-324-3176

highwaypermits@anokacountymn.gov

# SPECIAL CONDITIONS

# TRAFFIC CONTROL

- 1) Detours
  - a) Detailed detour layouts shall be submitted to the traffic engineer for approval.
  - b) No detours shall be permitted without prior approval of the Anoka county traffic engineer.
  - c) A ten day notice must be given prior to the installation of any detour.
  - d) It shall be the responsibility of the applicant to notify Anoka county central communications, local government bodies, and any affected bus companies ten days prior to any road closures/detours.
  - e) Immediately upon completion of work and/or detours, all posts, barricades, and signs shall be removed from the right of way.
- 2) Traffic control devices
  - a) All traffic control devices, barricades, flashers, etc., shall be furnished by the applicant and shall be in accordance with the most recent edition of the Minnesota manual on uniform traffic control devices and temporary traffic control zone layouts – field manual of the same manual.

# **CONSTRUCTION REQUIREMENTS**

- 1) Open cutting of bituminous or concrete surfaced roads will be allowed only at the discretion of the county engineer.
- 2) Neither supplies nor excavation materials shall be placed on the bituminous or concrete surface at any time.
- 3) No trenches will be allowed to remain open overnight.
- 4) Materials removed from the trench shall be used as backfill insofar as they are suitable. All backfill material shall conform to MNDOT specifications for compaction. The use of heavy equipment on top of trench, slapping with backhoe bucket and/or back casting to achieve compaction is prohibited. Any additional material required to back fill to the original grade shall be furnished by the applicant at no expense to the ACTD. All the base and surface courses damaged during construction operations shall be restored to a condition equal to or better than before operations began. The applicant shall be responsible for and restore any settlement
- 5) All culverts, ditches, shoulders, and backslopes shall be restored to their original condition unless otherwise directed by the ACTD. Shoulders which have been previously constructed or reconstructed with special materials shall be replaced in kind. Restoration of signs, guardrails, guard posts, etc., are the sole responsibility of the applicant and shall be restored to their original condition.
- 6) All roadway maintenance required within the limits of the utility project that is related to the applicant's activities shall be the sole responsibility of the applicant for one year after completion of the project. Upon completion of the restoration work, the applicant shall request a final inspection by the ACTD. The ACTD's approved completion date shall be the starting date of the applicant's one-year responsibility.

# HORIZONTAL BORING AND JACKING

- 1) All hard surface roadways shall be jacked or bored.
- 2) All crossings of Anoka County maintained roadbeds, shall be made by boring inside a casing or carrier pipe, or by jacking unless otherwise directed by the Anoka County Engineer. The auger shall lead the casing or carrier pipe by at least six inches whenever possible and never lead the carrier pipe by more than one inch.
- 3) The use of pneumatic devices to facilitate the roadbed crossings will be allowed in most cases with prior approval. In the event approval is not granted and applicant uses a pneumatic device to cross a roadbed and encounters an obstruction and/or unstable subbase material which makes forward or reverse motion of pneumatic device impossible, said pneumatic device then becomes part of the roadway subbase and permission to excavate to retrieve device will not be granted.
- 4) If a pneumatic device is used for the work permitted herein, the installation must be kept to a minimum of four feet below the surface of the roadway if the pneumatic device is less than two inches in diameter, and a minimum of five feet below the surface of the roadway if the pneumatic device is two inches in diameter or larger.

# **BITUMINOUS RESTORATION**

- 1) The locations and dimensions of all openings to be made in the bituminous surface shall be approved by the ACTD prior to any cutting or any surface opening operations.
- 2) All openings in bituminous surfaces shall be cut in a straight line with the sides smooth and vertical. No ragged edges will be permitted. Cutting shall be done with a concrete saw.
- 3) All necessary dust control operations shall be carried out by the applicant at no expense to Anoka County.
- 4) The minimum requirement for subgrade replacement shall be the upper twelve inches of material and shall meet MNDOT specifications for class five placed in six inch layers compacted to one hundred percent of optimum density.
- 5) All manhole casings, gate valves, and other utility structures shall be set one quarter inch below the top of the finished surface.
- 6) Bituminous tack coat materials and application thereof shall conform to MNDOT specification 2357.
- 7) All bituminous surfacing shall be replaced as soon as practicable after the base construction. All bituminous surfacing shall be machine laid. Any exceptions must be approved by the ACTD. Bituminous surfacing shall be replaced to original pavement depth or to a minimum of six inches of bituminous mixture (2360), whichever is greater. Bituminous mixtures must be placed in lifts not exceeding three inches in thickness for base and binder courses and not exceeding two inches for the wear course.
- 8) All surface restoration regardless of size shall conform to existing grades.
- 9) Any unnecessary or negligent damage to bituminous surface in conjunction with the installation and/or repair of a utility shall be cut out and replaced in kind as directed by the ACTD.



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PERMIT PHONE: 763-324-3176

highwaypermits@anokacountymn.gov

### **CONCRETE RESTORATION**

1) Curb and gutter, sidewalks, and driveways shall be restored in accordance with MNDOT specifications 2531 and 2521.

## **UTILITY LINES**

- 1) There shall be only a single pole line on the county right of way on either side of the center line thereof.
- 2) Exact locations of longitudinal installations on county highways shall be located as directed by the ACTD.

# **SECTION CORNER MONUMENTS**

- 1) Utility locations shall not interfere with the location of any section, quarter, witness, or right of way monuments. For assistance in locations, contact the Anoka County Surveyor's Office.
- 2) The applicant shall be responsible for replacement of any existing property irons disturbed during construction.
- 3) The applicant shall notify the Anoka County Surveyor's Office three working days in advance of any anticipated disturbance of any section, quarter, witness, or right of way monuments.
- 4) Any monument disturbed during the course of construction, shall be reset by the Anoka County Surveyor's Office at the expense of the applicant.

# ATTACHING TO BRIDGES/STRUCTURES

 No utility is permitted to be hung from, or otherwise attached to, any bridge or structure without having detailed plans approved by the Anoka County Engineer. These plans are to show approaches to the structure, method of installation, type, and dimension of housing for the utility.

### **ADDITIONAL PROVISIONS**

- 1) All subcontractors, installers, and crew shall possess a physical or electronic copy of all documents in relation to the approved permit prior to the commencement of work and be kept on site. This includes, but it not limited to the following:
  - a) Approved permit
  - b) Any/all traffic control plans and/or layouts
- Shall notify Anoka County Permits at 763-324-3176 or highwaypermits@anokacountymn.gov
  - a) At least 36 hours prior to the commencement of work
  - b) With time frame of proposed of work
  - c) Anticipated traffic control
  - d) When work is complete including restorations to request a final inspection
- 3) No work during inclement weather or when plows are out in any capacity
- 4) All traffic control shall be in accordance with the most current version of the MnDOT Temporary Traffic Control Field Manual
- 5) For staking of right-of way or proposed infrastructure, contact Chris Osterhus at 763-324-3189 a minimum of 48 hours prior to the commencement of work.

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ANOKA COUNTY BLAINE, MN

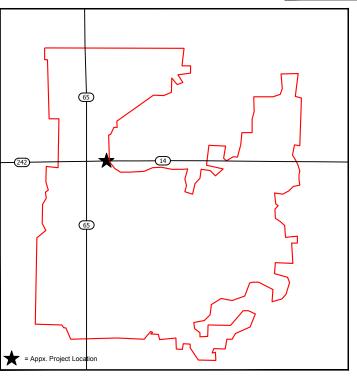


FIBERHOOD:

# BLAN-MN-02-C1

# PROPOSED FIBER - OPTIC INSTALLATION - CIVIL DESIGN 125TH AVE NE & RADISSON RD NE BLAINE, MN

# SITE LOCATION MAP



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Johnsville School	Central Ave NC	PROJECT		
242 Zoth Ave NE	Johnsville	(25th Ave NE	ATTURNEY	
		The Miles		
117th Ave NE	Cund conte Tirch	Ave NE		
113th Ave NE	Central Are NE	TPC (win Cities		
] 139th Ave NE	N 109th Ave.N			
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INDEX TO SHEETS					
SHEETS	DESCRIPTION				
A1-A3	TITLE SHEET & GENERAL NOTES				
B1-B2	PROJECT PLAN VIEW				
C1-C4	STANDARD CONSTRUCTION DETAILS				

OWNER/DEVELOPER:



275 WEST SERVICE RD SUITE O WRIGHT CITY, MO 63390

TITLE:
PROPOSED FIBER - OPTIC
INSTALLATION - CIVIL DESIGN
125TH AVE NE & RADISSON RD
NE
BLAINE, MN

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04/04/2025

**A1** 

ROJECT NUMBER: 23-1082

NOTE: CONTRACTOR TO CONTACT MINNESOTA 811 BEFORE DIGGING. (1-800-252-1166)

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PARTING ING PARTIE	

#### GENERAL NOTES

DEVELOPER: **GATEWAY FIBER** 

KIRK THOELKE 275 WEST SERVICE ROAD, STE O WRIGHT CITY, MO 63390 KIRK.THOELKE@GATEWAYFIBER.COM

PROJECT MANAGER: HBK ENGINEERING, LLC ALLIE RAY

2401 WAI NUT ST PHILADELPHIA, PA 19103 (760) 468-0044 ARAY@HBKENGINEERING.COM

#### SECTION 1.0 SCOPE OF WORK

- CONSTRUCTION OF ALL RELATED APPURTENANCES FOR FIBER OPTIC CABLE INSTALLATION. SEE PLANS FOR EXACT LOCATION, LENGTHS, QUANTITIES, AND DIMENSIONS OF PROPOSED IMPROVEMENTS
- 2. THE CONTRACTOR SHALL PROVIDE ALL MATERIAL, EQUIPMENT, LABOR, INSTALLATION, RESTORATION, UTILITY RELOCATION CHARGES, JOB SITE DELIVERY COSTS TO COMPLETE THE DESCRIBED, OR ILLUSTRATED WORK, UNDER THIS CONTRACT.
- 3. ANY CHANGE-ORDER REQUEST 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 REDUCED TO FORMAL RECORD, FILED WITH THE OWNER'S REPRESENTATIVE, AND BE MADE AVAILABLE FOR FUTURE REFERENCE
- 4. THE ENGINEER WILL NOT BE RESPONSIBLE NOR ASSUME ANY LIABILITY FOR NEGLIGENT ACTS OR ERRORS OF OMISSIONS OF ANY CONTRACTOR, ANY SUBCONTRACTOR, OR ANY OF THE CONTRACTOR'S OR SUBCONTRACTORS' AGENTS OR EMPLOYEES OR ANY OTHER PERSONS (EXCEPT ENGINEER'S OWN EMPLOYEES) AT THE PROJECT SITE OR OTHERWISE PERFORMING ANY OF THE WORK OF THE PROJECT. ANY CONTRACTOR OR SUB-CONTRACTOR, AS WELL AS THE ENGINEER, WILL BE RESPONSIBLE FOR THEIR OWN SAFETY PROGRAM. NEITHER THE PROFESSIONAL ACTIVITIES OF THE ENGINEER, NOR THE PRESENCE OF THE ENGINEER OR THEIR EMPLOYEES AND SUBCONSULTANTS AT THE CONSTRUCTION SITE, SHALL RELIEVE ANY CONTRACTOR OF THEIR 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 WORK OF CONSTRUCTION IN ACCORDANCE WITH THE CONTRACT DOCUMENTS AND ANY HEALTH OR SAFETY PRECAUTIONS REQUIRED BY ANY REGULATORY AGENCIES. THE ENGINEER AND THEIR 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

#### **SECTION 2.0 MATERIALS**

- ALL MATERIALS INSTALLED WITHIN THE LIMITS OF THIS PROJECT SHALL BE IN CONFORMANCE WITH STANDARD RECOMMENDATIONS OF THE NATIONAL ELECTRICAL MANUFACTURER'S ASSOCIATION AND AMERICAN NATIONAL STANDARDS INSTITUTE.
- 2. JOB SITE MATERIAL WILL BE DELIVERED TO, AND MAINTAINED AT THE STREET WORK AREAS IN A WELL MANAGED MANNER, TO MINIMIZE CONGESTION OR INCONVENIENCE TO OTHER WORKERS, OR CONTRACTORS WORKING UNDER ALTERNATE PERMITS.

#### **SECTION 3.0 GENERAL NOTES**

- 1. THESE NOTES SHALL BE CONSIDERED A PART OF THE WRITTEN SPECIFICATIONS.
- THE WORK SHALL INCLUDE FURNISHING MATERIALS, EQUIPMENT, APPURTENANCES AND LABOR NECESSARY TO COMPLETE ALL INSTALLATIONS AS INDICATED ON THE DRAWINGS.
- 3. PRIOR TO THE SUBMISSION OF BIDS, THE CONTRACTORS SHALL VISIT THE JOB SITE AND BE RESPONSIBLE FOR ALL CONTRACT DOCUMENTS, FIELD CONDITIONS AND DIMENSIONS, AND CONFIRMING THAT THE WORK MAY BE ACCOMPLISHED AS SHOWN PRIOR TO PROCEEDING WITH CONSTRUCTION. ANY DISCREPANCIES ARE TO BE BROUGHT TO THE ATTENTION OF THE IMPLEMENTATION ENGINEER AND ARCHITECT/ENGINEER PRIOR TO PROCEEDING WITH THE WORK.
- 4. THE CONTRACTOR SHALL RECEIVE, IN WRITING, AUTHORIZATION TO PROCEED BEFORE STARTING WORK ON ANY ITEM NOT CLEARLY DEFINED OR IDENTIFIED BY THE CONTRACT DOCUMENTS
- 5. THE CONTRACTOR SHALL INSTALL ALL EQUIPMENT AND MATERIALS IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS UNLESS SPECIFICALLY INDICATED OTHERWISE OR WHERE LOCAL CODES OR REGULATIONS TAKE PRECEDENCE.
- 6. ALL WORK PERFORMED AND MATERIALS INSTALLED SHALL BE IN STRICT ACCORDANCE WITH ALL APPLICABLE CODES, REGULATIONS AND ORDINANCES. CONTRACTOR SHALL GIVE ALL NOTICES AND COMPLY WITH ALL LAWS, ORDINANCES, RULES, REGULATIONS AND LAWFUL ORDERS OF ANY PUBLIC AUTHORITY REGARDING THE PERFORMANCE OF THE WORK. MECHANICAL AND ELECTRICAL SYSTEMS SHALL BE INSTALLED IN ACCORDANCE WITH ALL APPLICABLE MUNICIPAL AND UTILITY COM SPECIFICATIONS, AND LOCAL AND STATE JURISDICTIONAL CODES, ORDINANCES AND APPLICABLE REGULATIONS

- 7. THE GENERAL CONTRACTOR SHALL SUPERVISE AND DIRECT THE WORK, USING THE BEST SKILLS AND ATTENTION. THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR ALL CONSTRUCTIONS MEANS, METHODS, TECHNIQUES, SEQUENCES AND PROCEDURES AND FOR COORDINATION ALL PORTION OF THE WORK UNDER THE CONTRACT INCLUDING CONTACT AND COORDINATION WITH THE IMPLEMENTATION ENGINEER AND WITH THE LANDLORD'S AUTHORIZED REPRESENTATIVE.
- 8. SEAL PENETRATIONS THROUGH FIRE RATED AREAS WITH U.L. LISTED FIRE CODE APPROVED MATERIALS
- PROVIDE A PORTABLE FIRE EXTINGUISHER WITH A RATING OF NOT LESS THAN 2-A OR 2-A10BC WITHIN 75 FEET TRAVEL DISTANCE TO ALL PORTIONS OF THE PROJECT AREA DURING CONSTRUCTION.
- 10. DETAILS ARE INTENDED TO SHOW END RESULTS OF DESIGN. MINOR MODIFICATIONS MAY BE REQUIRED TO SUITE JOB DIMENSIONS OR CONDITIONS, AND SUCH MODIFICATIONS SHALL BE INCLUDED AS PART OF
- 11. THE CONTRACTOR SHALL MAKE NECESSARY PROVISIONS TO PROTECT EXISTING IMPROVEMENTS PAVING, CURBS, VEGETATION, GALVANIZED SURFACE, ETC., AND UPON COMPLETION OF WORK REPAIR ANY DAMAGE THAT OCCURRED DURING CONSTRUCTION TO THE SATISFACTION OF OWNER/DEVELOPER AND AFFECTED PROPERTY OWNER
- 12. KEEP GENERAL AREA CLEAN, HAZARD FREE, AND DISPOSE OF ALL DIRT, DEBRIS, RUBBISH AND REMOVE EQUIPMENT NOT SPECIFIED AS REMAINING ON THE PROPERTY. LEAVE PREMISES IN CLEAN CONDITION AND FREE FROM PAINT SPOTS, DUST OR SMUDGES OF ANY NATURE.
- 13. REPRESENTATIONS OF TRUE NORTH, OTHER THAN THOSE FOUND ON THE PLOT OF SURVEY DRAWING, SHALL NOT BE USED TO IDENTIFY OR ESTABLISH THE BEARING OF TRUE NORTH AT THE SITE. THE CONTRACTOR SHALL RELY SOLELY ON THE PLAT OF SURVEY DRAWING AND ANY SURVEYOR'S MARKINGS AT THE SITE FOR THE ESTABLISHMENT OF TRUE NORTH, AND SHALL NOTIFY THE ARCHITECT/ENGINEER PRIOR TO PROCEEDING WITH THE WORK. IF ANY DISCREPANCY IS FOUND BETWEEN THE VARIOUS ELEMENTS OF THE WORKING DRAWINGS AND THE TRUE NORTH ORIENTATION AS DEPICTED ON THE CIVIL SURVEY. THE CONTRACTOR SHALL ASSUME SOLE LIABILITY FOR ANY FAILURE TO NOTIFY THE ARCHITECT/ENGINEER
- 14. PENETRATIONS OF ROOF MEMBRANES SHALL BE PATCHED/FLASHED AND MADE WATERTIGHT USING LIKE MATERIALS IN ACCORDANCE WITH NRCA ROOFING STANDARDS AND DETAILS. CONTRACTOR SHALL OBTAIN DETAILING CLARIFICATION FOR SITE-SPECIFIC CONDITIONS FROM ARCHITECT/ENGINEER, II NECESSARY, BEFORE PROCEEDING. PLANS ARE NOT TO BE SCALED AND ARE INTENDED TO BE A DIAGRAMMATIC OUTLINE ONLY, UNLESS NOTED OTHERWISE
- 15. PLANS ARE NOT BE SCALED AND ARE INTENDED TO BE DIAGRAMMATIC OUTLINE ONLY, UNLESS NOTED
- 16. DIMENSIONS SHALL TAKE PRECEDENCE OVER SCALES SHOWN ON THE DRAWING. DIMENSIONS SHOW ARE ESTIMATED AND SHALL BE VERIFIED BY A SURVEYOR OR BY THE CONTRACTOR PRIOR TO CONSTRUCTION.
- 17. ALL SITE WORK SHALL BE CAREFULLY COORDINATED BY GENERAL CONTRACTOR WITH LOCAL UTILITY COMPANY, TELEPHONE COMPANY, AND ANY OTHER UTILITY COMPANIES HAVING JURISDICTION OVER
- 18. CONTRACTOR IS ADVISED TO READ ALL NOTES ON DRAWINGS, CAREFULLY.
- 19. CONTRACTOR TO FIELD VERIFY LOCATIONS OF ALL OVERHEAD OBSTRUCTIONS PRIOR TO COMMENCEMENT OF WORK.
- 20. THE CONTRACTOR SHALL CONTACT 811 AT 800-252-1166 TO REQUEST LOCATING AND MARKING OF EXISTING UTILITIES PRIOR TO PERFORMING ANY EXCAVATION WORK IN OR AROUND ANY UTILITY. THE CONTRACTOR SHALL OBTAIN ALL PERMITS FOR THE INSTALLATION OF THE NEW UTILITIES AND SHALL COMPLY WITH ALL REQUIREMENTS OF ALL AGENCIES HAVING JURISDICTION OVER THE WORK.
- 21. THE CONTRACTOR SHALL VERIFY EXISTING STREET RIGHTS OF WAY TO THE EXTENT NECESSARY TO VERIFY PROPOSED WORK REMAINS WITHIN THESE RIGHTS OF WAY AND DOES NOT INFRINGE ONTO PRIVATE PROPERTY NOT OWNED BY THE OWNER.
- 22. ALL DISCREPANCIES SHOULD BE REPORTED TO HBK ENGINEERING, LLC AT 312-432-0076. ANY QUESTIONS OR COMMENTS THE CONTRACTOR MAY HAVE ARE TO BE DISCUSSED WITH THE OWNER AND ENGINEER
- 23. FURTHER, THE CONTRACTOR SHALL RECORD THE LOCATION/ELEVATION OF ALL UTILITIES ENCOUNTERED AND NEW INSTALLATIONS AS THE WORK PROGRESSES. CONTRACTOR TO PREPARE RECORD DRAWINGS (RED-LINES) BASED ON THEIR RECORDS. THESE RECORDS TO BE SUPPLIED TO HBK ENGINEERING, LLC
- 24. SCALE FOR DRAWINGS IS FOR GENERAL INFORMATION ONLY. LOCATIONS AND DIMENSIONS SHALL BE
- 25. THE CONTRACTOR SHALL HAVE ALL PERMITS ONSITE AND COMPLY WITH THE REQUIREMENTS OF ALL AGENCIES HAVING JURISDICTION OVER THE WORK AND SHALL COORDINATE THEIR WORK WITH TH WORK PERFORMED BY OTHERS
- 26. CONTRACTOR SHALL COORDINATE ALL WORK WITH ALL PUBLIC AND PRIVATE UTILITIES AS WELL AS CITY AND STATE AGENCIES.
- 27. CONTRACTOR SHALL TAKE ALL NECESSARY SAFETY PRECAUTIONS TO PROTECT UTILITIES, PEDESTRIANS, WORKERS AND VEHICULAR TRAFFIC. THE CONTRACTOR SHALL PROVIDE TEMPORARY FENCES, BARRICADES, ETC. AS REQUIRED TO PROTECT ADJACENT PROPERTY AND THE PUBLIC DURING ALL PHASES OF CONSTRUCTION.
- 28. THE CONTRACTOR SHALL INSTALL AND DESIGN WOODEN PASSAGEWAYS TO DIVERT THE GENERAL PUBLIC AROUND THE CONSTRUCTION SITE IN A SAFE AND ORDERLY MANNER. AS REQUIRED
- 29. NO STORAGE OF EQUIPMENT OR MATERIALS IN THE ROADWAY IS PERMITTED UNLESS THE CONTRACTOR OBTAINS WRITTEN PERMISSION FROM THE CITY, STATE, AND/OR GOVERNING BODY

- 31. CONTRACTOR SHALL ASSUME ALL CABLES ARE ENERGIZED AND SHALL BE SUPPORTED SO AS NOT TO TRESS ANY PORTION OF THE CABLE
- 32. CONTRACTOR IS RESPONSIBLE FOR OBTAINING AND PROVIDING REVIEW AND DESIGN OF ANY AND ALL TEMPORARY UTILITY SUPPORT SYSTEMS PRIOR TO CONSTRUCTION
- 33. CONTRACTOR TO TREE TRIM AS NECESSARY AROUND POLES
- 34. MAKE READY INDICATES EXISTING FIBER CABLES NEED ADJUSTMENTS IN ORDER FOR NEW FIBER CABLE TO MEET REQUIRED CODES OR CLEARANCES.
- 35. INSTALL A 50' SLACK MAINTENANCE LOOP EVERY 1000' AT STRATEGIC LOCATIONS TO BE DETERMINED IN THE FIELD PRIORITIZING LOCATIONS NEAR MAJOR ROAD CROSSING, WATERWAYS AND RAILROAD
- 36. CONTRACTOR TO INSTALL FIBER IN GENERAL UTILITY EASEMENTS ONLY, FIBER LINES MAY CROSS, BUT NO STRUCTURES TO BE PLACED WITHIN SANITARY SEWER, GAS PIPELINE, WATER, DRAINAGE, OR MUTUAL
- 37. OUTDOOR CABINETS SHALL BE GROUNDED PER THE MANUFACTURER'S RECOMMENDATIONS AND PER ANSI/TIA-607B OR LATEST STANDARD
- 38. CONTRACTOR TO REFERENCE GATEWAY FIBER OPERATIONS HANDBOOK MOST RECENT REVISION FOR ONSTRUCTION SPECIFICATIONS
- 39. THE CONTRACTOR SHALL FIELD VERIFY EXISTING UTILITIES IN THE FIELD AND CALL 811 PRIOR TO PERFORMING ANY WORK
- 40. EXISTING UTILITIES SHOWN REPRESENT ASCE QUALITY LEVEL D STANDARDS BASED ON AVAILABLE ATLAS DATA AT THE TIME
- 41. SHADED SECTION REPRESENTS STRUCTURES PROPOSED UNDER A SEPARATE COVER.
- 42. NO WATER SHALL BE TAKEN FROM HYDRANTS WITHOUT RPZ/METER FROM THE CITY UTILITY DEPARTMENT WITH DEPOSIT
- 43. NO FLOWERPOT OR HANDHOLE SHALL BE PLACED OVER STORM SEWER RUNS
- 44. MAINTAIN 10' SEPARATION FROM SANITARY AND STORM STRUCTURES AND WATERMAIN GATE VALVES.
- 45. FLOWERPOT LOCATIONS SHOWN IN PRIVATE PROPERTY FOR CONTRACTOR REFERENCE ONLY, NO NSTALLATIONS ARE TO OCCUR WITHIN PRIVATE PROPERT
- 46. RIGHT OF WAY DIMENSIONS ARE FOR CONTRACTOR REFERENCE ONLY. CONTRACTOR SHALL VERIFY ALL

BLAN-MN-02-C1



921 WEST VAN BUREN, SUITE 100

WNER/DEVELOPER:



275 WEST SERVICE RD WRIGHT CITY, MO 63390

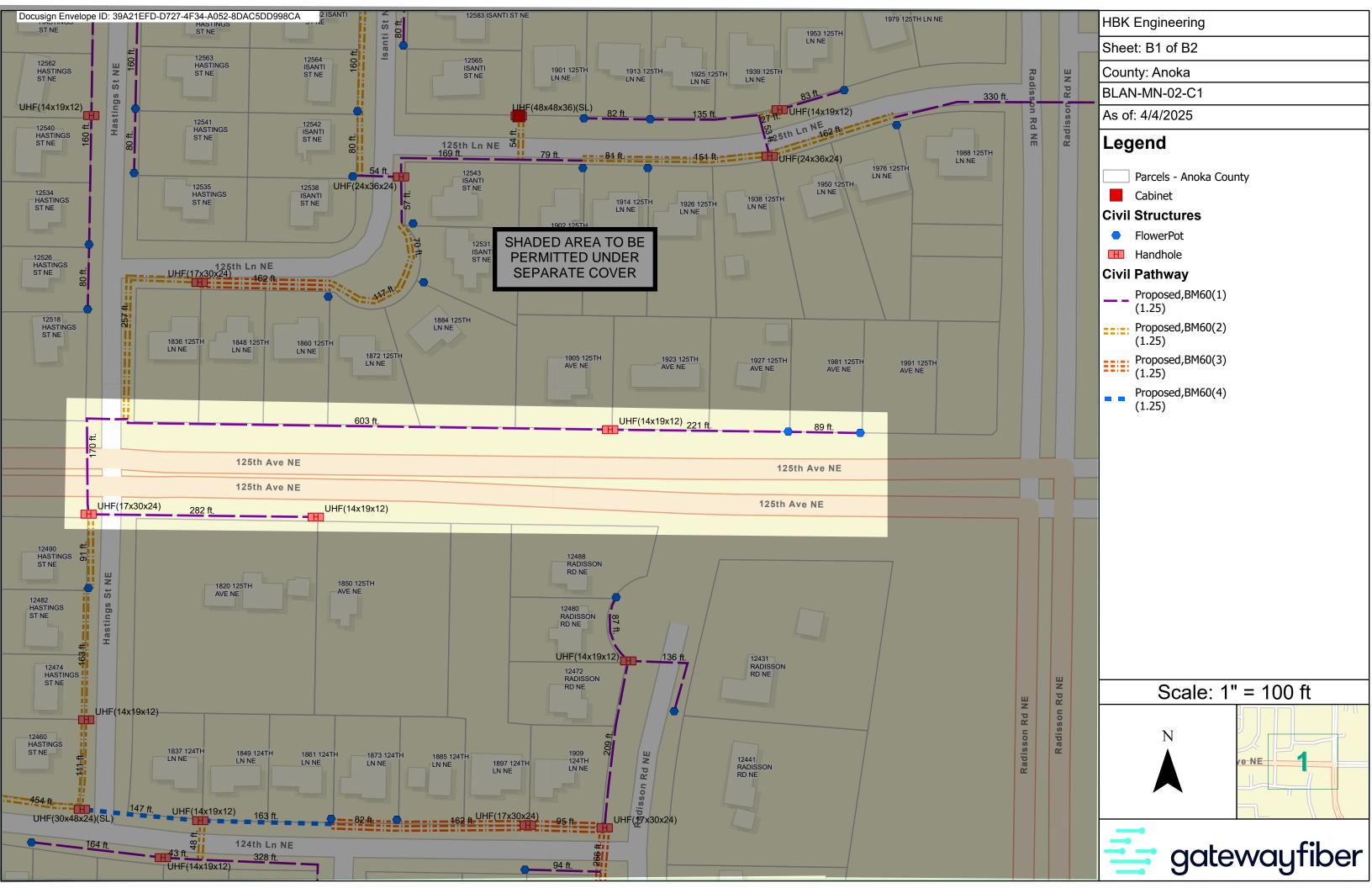
PROPOSED FIBER - OPTIC INSTALLATION - CIVIL DESIGN 125TH AVE NE & RADISSON RD BLAINE, MN

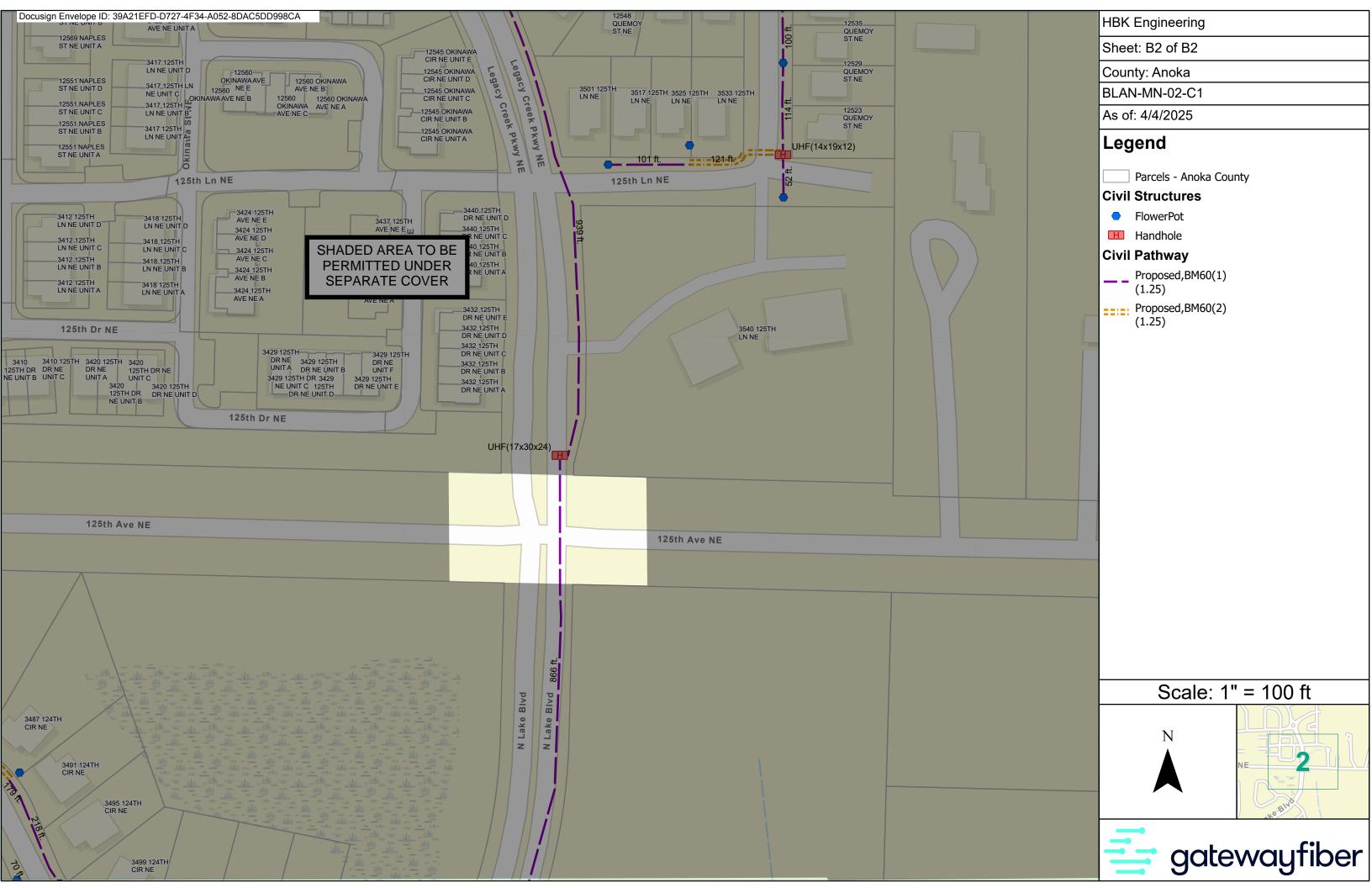
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KER		AJR	AJR
PROJECT NUMBER:	23	3-1082	
DATE DRAWN:	04	4/04/2025	

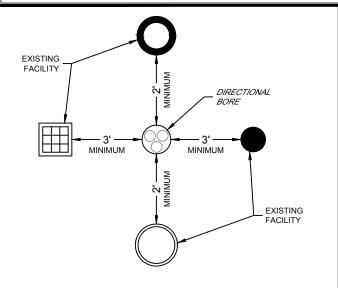
**A2** 







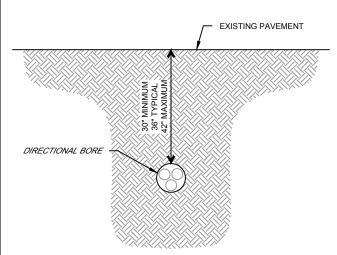
### DETAILS



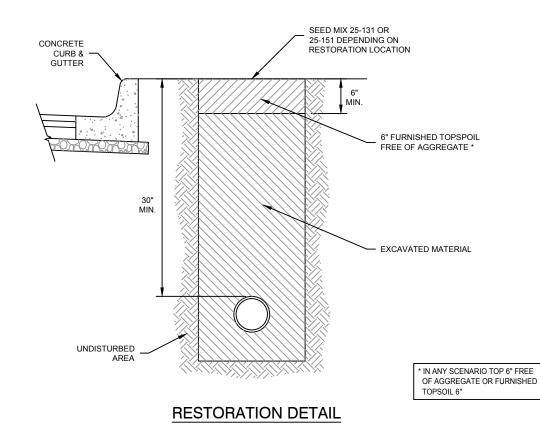
MAINTAIN A MINIMUM OF AT LEAST 3 FEET OF HORIZONTAL SEPARATION AND 2 FEET VERTICAL SEPARATION BETWEEN DIRECTIONAL BORE AND ALL EXISTING FACILITIES.

CONTRACTOR TO MAINTAIN 10' FROM SANITARY, STORM. LIGHT POLE STRUCTURES AND WATERMAIN GATE VALVES

# UTILITY SEPARATION DETAIL



# **DIRECTIONAL BORING DETAIL**





Duralite®

1730

### Material & Style

Composite

#### 1730-12

ANSI/SCTE-77, Tier 15 28.5 lbs ANSI/SCTE-77, Tier 22

ANSI/SCTE-77, Tier 15 36.2 lbs ANSI/SCTE-77, Tier 22

#### 1730-18

ANSI/SCTE-77, Tier 15 41 lbs

## **Options**

Mouseholes/Knockouts

Heavy Duty ANSI/SCTE TIER 22

situations only. Weights and dimensions may vary slightly. Actual load rating is determined by the box and cover combination.

Cover comes standard with permanent markings for manufacturer, load rating, model size and manufacturing location. Based upon lid and body combination, this unit can be Tier 15 or Tier 22. T22 rating when paired with T22 polymer concrete lid.

33 1/2"

33 1/2"

33 1/2"

20 1/2"

20 1/2"

20 1/2"

12"

18"

Revision 04/2023

1730-12

1730-18

1730-24

oldcastleinfrastructure.com (888) 965-3227

Trusted partnerships. Full scale solutions.

Straight Wall

31.3 lbs

#### 1730-18

41.3 lbs

ANSI/SCTE-77, Tier 22 41 lbs



Medium Duty
ANSI/SCTE TIER 15

For use in non-vehicular traffic

10						
11						
	DRAWN	BY:		CHECKED BY:	APP	ROVED BY:
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PR	OJECT NUM	BER:	23	3-1082		
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**C1** 



BLAN-MN-02-C1



WNER/DEVELOPER:



TITLE:
PROPOSED FIBER - OPTIC INSTALLATION - CIVIL DESIGN 125TH AVE NE & RADISSON RD

NE BLAINE, MN

REVISIONS

DESCRIPTION

WRIGHT CITY, MO 63390

### DETAILS



Pomona, California Toll-Free: 800.735.5566 Phone: 909.634.3020 Fax: 800.827.7111

**Back to Table of Contents** L Series 910

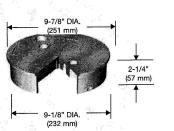
**Light Duty** 



(232 mm)

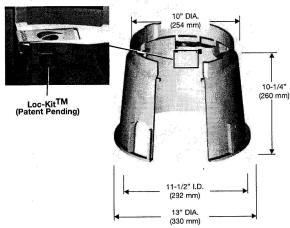
Flush Cover Material: HDPE

Weight: 1.5 lbs. Model: 910-3 No Bolt 910-3B Bolt Down



T-Cover Material: HDPE Weight: 1,5 lbs.

Model: 910-4 No Bolt 910-4B Bolt Down



Body Material: HDPE Weight: 3.0 lbs. Model: 910-10

Colors Available

Green, Grey, Black, Tan or Violet

Note: . For use in non-vehicular traffic situations only. We do not recommend installation in concrete or asphalt. Weights and dimensions may vary slightly.

Revision Date 4/2003



Pomona, California Toll-Free: 800.735,5566 Phone: 909.634.3020 800.827.7111

10-1/8"

15-3/8"

12-1/4" 19-1/2" 14-1/2" (495 mm) (368 mm)

Carson ~ Products

**Back to Table of Contents** 

L Series 1419-12

**Light Duty** 

Flush Cover

Material: HDPE Weight: 3.0 lbs.
Model: 1419-3 No Bolt 1419-3B Bolt Down See OPTION SECTION: - Hinged Cover

T-Cover Material: HDPE

Weight: 3.0 lbs.

Model: 1419-4 No Bolt
1419-4B Bolt Down See OPTION SECTION:

- Meter reader cover

Body Material: HDPE Weight: 7.0 lbs.
Model: 1419-12
See OPTION SECTION: - Slots

Colors Available

Green, Gray, Black, Tan or Violet

Note: . For use in non-vehicular traffic situations only. We do not recommend installation in concrete or asphalt. Weights and dimensions may vary slightly.

Revision Date 4/2003 @2008 Oldcastle Precast, Inc.

BLAN-MN-02-C1

hermanium hbk

921 WEST VAN BUREN, SUTTE 100 CHICAGO, IL 60607 PHONE: (312) 432-0076 FAX:(312) 432-0231 OF ILLINOIS, DEPARTMENT OF PROFESSION REGULATION. LICENSE NO. 184-002308

WNER/DEVELOPER:



275 WEST SERVICE RD SUITE O WRIGHT CITY, MO 63390

TITLE: PROPOSED FIBER - OPTIC INSTALLATION - CIVIL DESIGN 125TH AVE NE & RADISSON RD NE BLAINE, MN

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C2

31 Carson ~ Products

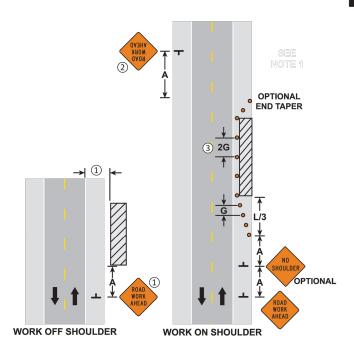
DETAILS

Field Manual

January 2018

### NOTES:

- ① The ROAD WORK AHEAD sign may be omitted for short term daylight operations if a vehicle is displaying and operating a 360-degree flashing beacon and:
  - a. The distance from curb face to the work space is at least 2 feet, or
- b. The distance from the edge of the roadway to the work space is at least 15 feet.
- (2) This ROAD WORK AHEAD sign shall be installed on two-lane, two-way roads if traffic control devices are installed for a work space in the opposite shoulder.
- (3) If this layout is used to close a parking lane that is normally open to vehicle travel during the time of day the closure will be in effect, the lane shall be considered a traveled lane and not a parking lane. <u>Layout 42</u> shall be used to provide traffic control for the lane closure.
- 4. If this layout is used to close a parking lane, channelizer spacing may be reduced from 2G to G in high volume areas.



### SHOULDER AND PARKING LANE CLOSURE

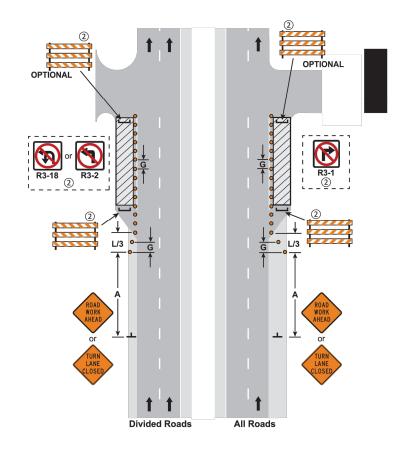
3 DAYS or LESS

6K-8

LAYOUT 8

Field Manual NOTES:

- Contact the appropriate road authority for signal timing modifications before beginning work at any signalized intersection.
   Optional R3-1, R3-2, or R3-18 signs may be placed on sign stand or top of barricades on side closest to traffic. Signs are required if turns are prohibited.



# **TURN LANE CLOSURES**

3 DAYS or LESS

6K-33

LAYOUT 33

BLAN-MN-02-C1

WNER/DEVELOPER:



275 WEST SERVICE RD WRIGHT CITY, MO 63390

TITLE: PROPOSED FIBER - OPTIC INSTALLATION - CIVIL DESIGN 125TH AVE NE & RADISSON RD

NE BLAINE, MN

REVISIONS					
REV	DATE	DESCRIPTION	BY		
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DRAWN BY:	CHECKED BY:	APPROVED BY:
KER	AJR	AJR

ROJECT NUMBER: 23-1082 04/04/2025

**C3** 

Field Manual Field Manual January 2018 January 2018 NOTES:

① Use the appropriate advance warning sign spacing for the speed on the cross NOTES: 1 The Flashing Arrow Board shall be used where the posted speed limit is 45 mph or greater, and shall be placed on the shoulder. If there is no shoulder, or the shoulder is too narrow, place at the end of the taper in lieu of the Type III barricade assembly. The Flashing Arrow Board shall be used where the posted speed limit is 45 mph or greater, and shall be placed on the shoulder. If there is no shoulder, or the shoulder is too narrow, place at the end of the taper in lieu of the Type III barricade assembly. 2 The Lane Ends sign and/or LANE CLOSED sign may be omitted when the posted speed limit is 40 mph or (3) The LANE CLOSED and/or the Lane Ends sign may be omitted when the posted speed limit is 40 mph or less. Use the appropriate traffic control devices for a right lane closure. OPTIONAL **RIGHT LANE CLOSURE** LANE CLOSURE MULTI-LANE DIVIDED ROAD Work Space Beyond Intersection MULTI-LANE DIVIDED ROAD 3 DAYS or LESS **LAYOUT 57 LAYOUT 65** 3 DAYS or LESS 6K-57 6K-65

DETAILS

FIBERHOOD:

BLAN-MN-02-C1



HASSING HER TANK

921 WEST VAN BUREN, SUITE 100 CHICAGO, IL 60607 PHONE: (312) 432-0076 FAX:(312) 432-0231 E OF ILLINOIS, DEPARTMENT OF PROFESSIO

OWNER/DEVELOPER:



275 WEST SERVICE RD SUITE O WRIGHT CITY, MO 63390

INSTALLATION - CIVIL DESIGN 125TH AVE NE & RADISSON RD NE BLAINE, MN

TITLE: PROPOSED FIBER - OPTIC

DRAWN BY: CHECKED BY: APPROVED BY
KER AJR AJR

PROJECT NUMBER: 23-1082

DATE DRAWN: 04/04/2025

C4



**Certificate Of Completion** 

Envelope Id: 39A21EFD-D727-4F34-A052-8DAC5DD998CA

Subject: Kristofer Robinson - ROW Permit Application

Source Envelope:

Document Pages: 13 Signatures: 1 Envelope Originator: Initials: 1 Certificate Pages: 4 **Highway Permits** 

AutoNav: Enabled

Envelopeld Stamping: Enabled

Time Zone: (UTC-06:00) Central Time (US & Canada)

Status: Sent

Anoka County Government Center

2100 3rd Avenue Anoka, MN 55303

highwaypermits@anokacountymn.gov

IP Address: 50.218.33.70

**Record Tracking** 

Status: Original

4/4/2025 3:12:45 PM

Security Appliance Status: Connected Storage Appliance Status: Connected

Holder: Highway Permits

highwaypermits@anokacountymn.gov

Pool: StateLocal Pool: Anoka County Location: DocuSign

Location: Docusign

**Signer Events** Kristofer Robinson

kr.robinson@hbkengineering.com

Security Level: DocuSign.email

ID: 1

4/4/2025 3:12:46 PM

Signature

kristofer Robinson DAE1FAF704644E0..

Signature Adoption: Pre-selected Style Using IP Address: 50.218.33.70

**Timestamp** 

Sent: 4/4/2025 3:12:45 PM Viewed: 4/4/2025 3:14:11 PM Signed: 4/4/2025 3:39:13 PM

**Electronic Record and Signature Disclosure:** 

Accepted: 4/2/2025 2:16:04 PM

ID: 6bc7b59f-f863-4832-a420-f4f93bff54d1

Susan Burgmeier

Susan.Burgmeier@anokacountymn.gov

Associate Traffic Technician

**Anoka County** 

Signing Group: Highway Permits

Security Level: Email, Account Authentication

(Optional)

**Electronic Record and Signature Disclosure:** 

Accepted: 4/1/2025 8:46:23 AM

ID: 84be7850-194f-466c-854e-0abaa2c08d9e

Sent: 4/4/2025 3:39:16 PM Viewed: 4/7/2025 9:40:18 AM

In Person Signer Events	Signature	Timestamp
Editor Delivery Events	Status	Timestamp
Agent Delivery Events	Status	Timestamp
Intermediary Delivery Events	Status	Timestamp
Certified Delivery Events	Status	Timestamp
Carbon Copy Events	Status	Timestamp

Kristofer Robinson

kr.robinson@hbkengineering.com

Security Level: Email, Account Authentication

(Optional)

**Electronic Record and Signature Disclosure:** 

Carban Cany Events	Status	Timestamn
Carbon Copy Events	Status	Timestamp
Not Offered via Docusign		
Witness Events	Signature	Timestamp
Notary Events	Signature	Timestamp
Envelope Summary Events	Status	Timestamps
Envelope Sent	Hashed/Encrypted	4/4/2025 3:12:45 PM
Envelope Updated	Security Checked	4/4/2025 3:39:14 PM
Certified Delivered	Security Checked	4/7/2025 9:40:18 AM
Payment Events	Status	Timestamps
rayinein Events		•

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You may change your preferred method of contact whether electronically, or paper copies, or change your email address. You may also request paper copies of certain information from us, or withdraw your prior consent to receive documents. Please use the contact information below for your request and in the body of your correspondence, identify your desired action. If you are

changing an email address, please include your prior email address as well as your new address. If you no longer wish to receive future documents in electronic format, please include that request in the body of your email.

Email: helpdesk@co.anoka.mn.us

Phone: (763)-324-4110

Address: Anoka County Government Center

Attn: Information Technology, #300

2100 3rd Avenue Anoka, MN 55303

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The minimum system requirements for using the DocuSign system may change over time. The current system requirements are found here: <a href="https://support.docusign.com/guides/signer-guide-signing-system-requirements">https://support.docusign.com/guides/signer-guide-signing-system-requirements</a>.

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- You can print this Electronic Record and Signature Disclosure, or save or send this
  Electronic Record and Disclosure to a location where you can print it, for future reference
  and access; and
- Until or unless you notify Anoka County as described above, you consent to receive
  exclusively through electronic means all notices, disclosures, authorizations,
  acknowledgements, and other documents that are required to be provided or made
  available to you by Anoka County during the course of your relationship with Anoka
  County.