

TAZEWELL COUNTY HIGHWAY DEPARTMENT

CRAIG FINK
COUNTY ENGINEER

21308 ILLINOIS ROUTE 9
TREMONT, IL 61568

cfink@tazewell.com

PHONE (309) 925-5532
FAX (309) 925-5533

HIGHWAY PERMIT

Permit No. U2020-XX

Permission and authority is hereby granted by the Tazewell County Highway Department, hereinafter called the COUNTY, to _____, their successors or assigns, hereinafter called the PETITIONER, to construct, operate and maintain fiber optic facilities along and across County Highway 1, in Section 3, Township 23 North, and in Sections 22, 23, 27 and 34, Township 24 North, all in Range 4 West of the Third Principal Meridian, Tazewell County, as shown on the map and plans attached hereto and made a part hereof, subject to the attached "HIGHWAY PERMIT CONDITIONS & RESTRICTIONS", the "BURIED AND AERIAL FIBER OPTIC PERMIT PROVISIONS" and the following:

FIRST: The construction of the fiber optic facilities shall be completed within six (6) months after the date this permit is approved, or this permit shall become null and void.

SECOND: Warning tape shall be located directly 24" above the fiber optic cable at all locations.

THIRD: Signs shall be erected and maintained adjacent to the county highway right-of-way marking the location of the fiber optic cable at all intersections and at intervals along the fiber optic cable not to exceed 1,000 feet.

FOURTH: All proposed facilities to project above the existing ground elevation shall be located adjacent to the county highway right-of-way and shall at all times be clearly marked by a brightly colored marker extending at least five (5) feet above the ground at each such location and shall at all times be maintained in a readily visible condition to reduce potential for damage to said facilities due to said facilities being obscured by vegetation. Petitioner must accept responsibility for any damages to facilities that are deemed out of compliance with this requirement.

FIFTH: No portion of handholes shall project above the existing ground surface.

SIXTH: In the case of conflict between the plans or the "Buried and Aerial Fiber Optic Permit Provisions" and the "Highway Permit Conditions & Restrictions" said "Highway Permit Conditions & Restrictions" shall take precedence and shall govern.



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HIGHWAY PERMIT

Permit No. U2020-XX

IN WITNESS WHEREOF, the undersigned County Engineer hereto sets his hand and seal
this _____ day of _____.

ISSUED BY: _____
Tazewell County Engineer

ACCEPTED AND AGREED TO:

(Company Name Here)

BY: _____

TITLE: _____



HIGHWAY PERMIT CONDITIONS & RESTRICTIONS

Tazewell County Highway Department

1. Only a written permit issued by the County Engineer will satisfy the “written consent” requirement of the Illinois Highway Code.
2. This permit is effective in so far only as the County Engineer and the County of Tazewell of the State of Illinois, jointly and severally, have jurisdiction. In the event this permit is granted to locate, construct, operate and maintain utility facilities on a County highway right-of-way, the PETITIONER shall comply with all other applicable laws relating to the placement of utility lines, shall comply with other requirements of the County Engineer (e.g., oversized and overweight vehicles), and shall comply with the requirements of other local, state and federal agencies, including but not limited to, the Illinois Department of Transportation, United States Army Corps of Engineers, Illinois Department of Natural Resources, United States Environmental Protection Agency, Illinois Environmental Protection Agency, Illinois Commerce Commission, Illinois Department of Agriculture, Illinois Department of Conservation, Illinois Department of Mines and Minerals and Illinois Historic Preservation Agency.
3. This permit grants permission only to undertake certain activities on County highway right-of-way, and does not create a property right or grant authority to the PETITIONER to impinge on the rights of others who may have an interest in the right-of-way. Such others might include an owner of an underlying fee simple interest if the right-of-way consists of an easement or dedication, an owner of an easement, or those subject to another permit. It is the responsibility of the PETITIONER to satisfy all owners of property within or outside County highway right-of-way. In no case shall the permit give or be construed to create an easement, leasehold or other property interest of any kind in, upon, under, above or along the County highway right-of-way. The work permitted and authorized herein is for the bonafide purpose expressed. Parking or servicing of vehicles on HIGHWAY right-of-way is prohibited.
4. The PETITIONER, shall defend, indemnify, and hold the County of Tazewell and its duly appointed agents, employees and contractors harmless from all claims for injuries and damages to persons or property (including that of the PETITIONER) sustained by reason of the exercise of this permit.
5. The PETITIONER shall furnish all material, do all work, pay all costs and shall in a reasonable length of time restore said highway to a condition similar or equal to that existing before the commencement of the described work as determined by the County Engineer of Tazewell County, hereafter County Engineer. The PETITIONER shall reimburse the County for any repairs the County Engineer deems necessary and undertakes on the existing highway in case of emergency or neglect by said PETITIONER.
6. All work within the County highway right-of-way shall be located and constructed to the satisfaction of the County Engineer and shall conform in all respects to the plans and specifications as approved by the County Engineer as a part of this permit, as determined in the reasonable discretion of the County Engineer. No revisions or additions shall be made to the proposed work or the approved plans and specifications for any work within the County highway right-of-way without the express written consent of the County Engineer.
7. It shall be the responsibility of the PETITIONER to ascertain the presence and location of existing above-ground or underground facilities on the County highway right-of-way to be occupied by their proposed facilities. When notified of an excavation or when requested by the Department, the PETITIONER shall locate, physically mark, and indicate the depth of its underground facilities within 48 hours excluding weekends and holidays. Any field tile, subsurface drains, utilities or other property damaged by the PETITIONER shall be repaired by the PETITIONER at their expense. The repairs shall be in the manner prescribed by and shall meet the approval of the County Engineer and the owner of the applicable tile, drain, utility or other property.

8. The PETITIONER shall conduct the work so as not to interfere with or obstruct traffic on said highway and shall keep said highway open to traffic at all times, except where the permission granted is specifically for the temporary closing of a section of said highway. The PETITIONER shall provide protection to the traveling public and those performing the work by the use of traffic signals, beacons, signs, protective devices, pavement markings, barricades, lights and flagmen that are warranted during progress of the work in accordance with the current State of Illinois Manual of Uniform Traffic Control Devices for Highway Construction and Maintenance Operations and the latest revisions of the Highway Standards of the Illinois Department of Transportation.
9. Wherever trenches are constructed the PETITIONER shall thoroughly tamp and settle all backfills and fill upper surface of backfill with at least 15 inches of gravel where gravel shoulders, driveways, mail box approaches or side roads have been disturbed and to maintain all trenches until fully settled, as determined by the County Engineer.
10. The PETITIONER shall remove all excess dirt, shall leave the shoulders, ditches and backslopes in the same presentable condition as before construction, and shall reseed and fertilize all areas where existing sod has been disturbed during the prosecution of the work in accordance with the specifications of the State of Illinois.
11. The PETITIONER is prohibited from using on any bituminous surfaces or bridges any tractor or other machinery equipped with wheel or track lugs that would cause damage to bituminous surfaces. The PETITIONER shall replace and repair any bituminous surfaces damaged during construction as directed by the County Engineer. All facility crossings of bituminous surfaces shall be made by pushing, boring or tunneling underneath all areas supporting the roadway embankment (all areas between roadway ditch flowlines) to a depth which is a minimum of 24 inches below the proposed roadway ditch flowlines unless otherwise permitted by the County Engineer and as otherwise specified herein.
12. Facilities placed below the finished grade shall be a minimum of: 36" below the ground surface; 12" below the bottom of all interesting tile; 5 feet below minor crossing flowlines including but not limited to crossroad culverts, drainage swales or ditches; and 10 feet below all major crossing flowlines including but not limited to rivers, streams or creeks.
13. All facilities shall be installed in a manner which does not interfere in any way with the intended use or function of the County highway right-of-way as determined by the County Engineer, which shall include but is not limited to the egress, ingress, flow of traffic, and proper drainage.
14. The PETITIONER shall not trim, cut or in any way disturb any trees or shrubbery along said highway without the approval of the County Engineer.
15. The facilities authorized to occupy County highway right-of-way by this permit are subject to removal, relocation or modification by the PETITIONER, at no expense to the County, on notice given by the County Engineer in accordance with Section 9-113 of the Illinois Highway Code, as amended. In the event this permit is granted to locate, construct, operate or maintain utility facilities on County highway right-of-way, participation by the PETITIONER in the County's Utility Coordination Council is required as a condition of this permit and PETITIONER shall cooperate with the County Engineer in scheduling any such removal, relocation or modification deemed necessary for highway or highway safety purposes, and shall cooperate with the activities of said council.
16. In any case not covered by above conditions and restrictions the County Engineer is authorized to draw up reasonable conditions and restrictions suitable to the particular case.

BURIED AND AERIAL FIBER OPTIC PERMIT PROVISIONS

The term "Applicant" as herein used shall mean the Applicant, their successors or assigns.

The attached layout sketch or plan sheets shall be construed as a part of this permit.

The Applicant shall complete all backfilling, reshaping and reseeding, and restore the right-of-way to its original condition within the time limit specified for this permit. Any extension of time necessary to complete this work shall be obtained in writing prior to specified completion date and authorized by letter from the County Engineer or his duly authorized representative.

There shall be no additions or changes of location in the work authorized by this permit without prior approval of the County Engineer or his duly authorized representative. If deviations are made in the work authorized by this permit without approval, the Applicant may be required to remove the encroachments from right-of-way or to relocate the encroachments off the right-of-way at the Applicant's expense.

The Applicant shall locate, furnish, construct, and maintain the entire improvement at their expense and shall assume all risk or liability of every nature accruing during construction or thereafter as a result of the improvement.

All underground facilities shall be located prior to construction. Call J.U.L.I.E. at telephone number 1-800-892-0123 at least 48 hours in advance. **The Illinois Department of Transportation is not a member of J.U.L.I.E.**

Any underground utility or drainage facility, whether farm tile, sanitary sewer, or storm sewer cut or damaged by this construction shall be restored to functional condition and to the satisfaction of the owner of the facility and the County Engineer. Existing highway ditch drainage shall be maintained at all times.

The proposed construction shall be performed at such a time as not to interfere with the mowing operations of the highway authorities.

Any damage to the pavement due to construction or maintenance of the work authorized by this permit shall be repaired to the satisfaction of the County Engineer or duly authorized representative, by the Applicant at their expense.

The Applicant or their Contractor shall keep the highway pavement clear of mud, gravel, sand, or any other construction debris at all times.

Construction or maintenance of the work authorized by this permit shall be limited to such time as the unsurfaced portion the right-of-way is in a dry and sufficiently firm condition to support required vehicles or other equipment without rutting or otherwise damaging the right-of-way.

Work cannot be started on the highway right-of-way until the permit has been signed by the Applicant and approved by the County Engineer. This permit is required to be available at the job site at all times for inspection by a duly authorized representative of the County Engineer.

It must be understood that everyone working on this project shall indemnify and save harmless the County of Tazewell, its officers, and employees from all suits, actions, or damages received or sustained by any person or property on account of or in consequence of any act of omission, neglect, or misconduct, by your organization or anyone working with your organization.

The Applicant shall furnish their contractor with one (1) copy of this permit. This copy shall be available for inspection at the job site by authorized personnel upon request.

The County Engineer or his duly authorized representative shall be notified twenty-four (24) hours before the installation begins so the work may be inspected for conformity.

The Applicant, his successors and assigns, agrees to hold harmless the County of Tazewell and its duly appointed agents and employees against any action for personal injury, property damage, or claims arising out of environmental laws or regulations sustained by reason of the exercise of this permit.

The Applicant must ascertain the presence of Highway Authority Agreements established in accordance with 35 Ill. Admin. Code Section 742.1020 in the path of its proposed installation and take precautions to protect its workers, human health and the environment in those areas. (See Section 530.2340). Where contamination is encountered through excavation in the right-of-way, it should be managed off site and IDOT's generator number for the appropriate county may be used.

As a condition of this permit, the Applicant shall identify sites in the right-of-way where access to contaminated soil or ground water is governed by Tiered Approach to Corrective-Action Objectives (TACO) Agreements. The Applicant shall take measures before, during and after any access to these sites to protect worker safety, human health, and the environment. Excavated contaminated soil should be managed off site in accordance with all environmental laws.

The Applicant or their Contractor shall control and protect all vehicular and pedestrian traffic by use of signs, barricades, flagmen, lights and watchmen and by any other means as required in the "Manual on Uniform Traffic Control Devices for Streets and Highways" during the progress of the work as described within this permit. Minimum desirable standards are attached for normal situations. However, additional protection must be provided when special complexities and hazards arise. Type I barricades, Type II barricades, or vertical panels on 50-foot centers will be required along the edge of pavement if the difference in elevation between the edge of pavement and the area adjacent to the edge of pavement exceeds 3 inches.

Whenever the work under this permit involves any obstruction to the free flow of traffic in the normal traffic lanes at any time on multilane highways (more than 2 lanes) or work of sufficient time duration that the obstruction will exist during hours of darkness on any other highway, plans of the proposed method of traffic control must be submitted to and approved by the County Engineer at least 72 hours, and preferably longer, before the start of the work. These traffic control plans shall consist of a completed standard IDOT Form 725.

Work performed on or adjacent to one and two lane pavements during hours of daylight does not necessitate a special approved traffic control plan; however, it is understood that the said work will be protected by the applicable standards set forth in the Illinois Manual on Uniform Traffic Control Devices for Streets and Highways.

In emergency, limited parking on the paved roadway will be permitted provided proper safety regulations, including the use of the required cones, signs, and flaggers are complied with. At no time shall the Applicant and/or the Contractor park vehicles, equipment, or buildings nor will they store materials within the limits of public road right-of-way.

The roadway shall remain open to traffic at all times while completing the work authorized by this permit. The traffic control standards and/or special details included in this permit shall be used to control the flow of traffic.

All work authorized herein shall be performed in accordance with applicable portions of State of Illinois Department of Transportation Manuals entitled "Policy on the Accommodation of Utilities on Right-of-Way of the Illinois State Highway System," and "Standard Specifications for Road and Bridge Construction."

Applicants for permits to perform work on the highway right-of-way must also obtain approval or permission from the adjacent property owner, since the County has only acquired property rights that are a mere right to use the land for highway purposes and is known as an "Easement for Highway Purposes" to the right-of-way.

IDOT approved Class "SI" concrete shall be used in all proposed concrete construction on the right-of-way.

A curing period of 3 days shall be maintained for all concrete in the proposed entrance and curbing if high-early-strength cement or rich-mix (7 bag) concrete is used. If regular concrete is used, a curing period of 7 days is required. The surface of the new concrete shall be kept moist and a minimum temperature of 40°F. shall be maintained during the entire curing period.

The Applicant shall plan his operations so that interstate traffic will not be stopped. During any overhead operation which might result in an emergency requiring temporary closure of the road, the Applicant shall request that the Illinois State Police be present during the period of time when the emergency might occur.

There shall be no servicing of the communication facilities from the roadway, shoulders, or ramps of the interstate highway.

If this permit involves crossing an interstate highway, no construction equipment shall be permitted to park on the shoulders or operate or cross within the median or highway traffic lanes.

All existing side streets, side roads, or entrance drives disturbed by this construction shall be restored to original condition and cross section with same material as now exists to the satisfaction of the County Engineer, and shall be maintained in a smooth condition for passage of traffic at all times during construction to the satisfaction of the County Engineer.

This permit is valid only for those facilities located upon County Highway right-of-way and precludes installation upon non-County Highway right-of-way without acquisition of any required and/or necessary easements.

At all locations on the right-of-way where the proposed underground installation is laid closer than 5' from the near edge of a landscape tree, the utility shall be bored under the tree in such a manner that no part of the trench excavation shall be located closer than 5' from the near edge of the trunk of the tree.

Boring or jacking under County Highways shall be accomplished from pits located a minimum of 30 feet (9 m) from the edge of pavement on fully access-controlled highways and at a distance of 10 feet (3 m) plus the depth of pit without shoring on conventional highway. If shoring is used, the pits shall be located a minimum of 10 feet (3 m) from the edge of pavement on conventional highways. The shoring shall be installed immediately after excavation of the pit and it shall be designed, erected, supported, braced, and maintained so that it will safely support all vertical and lateral loads that are imposed upon it during the boring or jacking operation.

Wet boring shall not be permitted under the roadway structure of County Highways.

Pits for boring or jacking shall be excavated not more than 48 hours in advance of boring or jacking operations and backfilled within 48 hours after boring or jacking operations are complete. While pits are open, they shall be clearly marked and protected by barricades.

Cable shall be placed under Portland Cement Concrete or bituminous surfaced driveways, sidewalks or side road approaches by boring unless otherwise specifically specified by the County Engineer or his duly authorized representative.

All plow excavation shall be mechanically rolled back into place and compacted.

Trenches to terminal pedestals shall not exceed 4 inches in width and 36 inches in depth. The trench shall be backfilled in 6 inch layers with each layer being thoroughly compacted by tamping. All terminal pedestals shall be located within 1' of the right-of-way line except as noted.

Ground mounted appurtenances, when permitted on State highway right-of-way, shall be provided with a vegetation-free area extending one foot (305 mm) in width beyond the appurtenance in all directions. The vegetation-free area may be provided by an extension of the mounting pad, or by heavy duty plastic or similar material meeting the approval of the County Engineer. The housing for ground mounted appurtenances shall be painted an inconspicuous color. The covers shall have an appropriate label on them.

All trench excavation within 4 feet of the edge of pavement, curb and gutter, concrete or bituminous surfaced driveway, concrete or bituminous surfaced side road approach, or sidewalk shall be backfilled by tamping sand or fine gravel in 6 inch layers, inundating, water soaking. All other trench excavation on County Highway right-of-way shall be backfilled by tamping earth in 6 inch layers. The trench excavation shall be backfilled immediately after installation of this facility. In no case shall the backfill be allowed to settle naturally.

The backfill of the trench shall be thoroughly compacted at time of backfill by tamping by mechanical means, and any depressions which may be develop within the area involved in the construction operations, due to settlement of the backfilled material, shall be kept filled and the right-of-way restored to its original condition, during a period of 6 months from the date of completion of the work authorized in this permit.

Utility poles, manholes, handholes, fire hydrants or any other obstruction shall not be placed in the ditch flow line of any County highway.

No above ground appurtenances on access controlled right-of-way except utility markers. All markers shall be set within 1' of the right-of-way line except as noted on the attached plans.

The earth backfill around newly erected poles and other appurtenances permitted to project above the existing ground surface shall be well compacted to a height not to exceed 4 inches above the adjacent natural ground surface. Any excess material resulting from the excavation for pole or appurtenance shall be disposed of off the right-of-way or to the satisfaction of the County Engineer or his duly authorized representative. This shall apply to all vertical appurtenances incidental to pole line and pipeline construction.

Minimum overhead clearance over the highway pavement for the proposed line shall equal or exceed I.C.C. Requirements.

Poles shall not be leaned toward the traveled highway unless they are sufficient distance away that they could not fall on the shoulder or traveled way. Areas presenting problems due to the existing fences must be discussed with the County Engineer or his duly authorized representative.

All existing guys and anchors to be removed shall be cut off a minimum depth of 6" below the existing ground line.

All holes left by removal of existing poles shall be backfilled level with existing ground surface with earth or granular material tamped in 6" layers immediately upon removal of the poles.

All pipe, conduit, wire, poles, cross arms, or other materials distributed along the highway prior to installation shall be placed in as visible a manner as possible along the highway right-of-way or ditch backslope to minimize the hazard to errant vehicles and minimize the obstacle to highway maintenance. If material is to be stored on highway right-of-way for more than two (2) weeks prior to installation, approval must be obtained from the County Engineer or his duly authorized representative.

Any tree trimming, tree removal, or root disturbance required for the installation of utility facilities covered by this permit shall not be considered normal maintenance operations. Tree trimming, tree removal, and/or root disturbance shall require separate written approval of the County Engineer and landowner of the underlying fee, as applicable.

Upon completion of all construction or maintenance work on highway right-of-way, the Contractor(s) and/or the Applicant shall remove all excess material and restore all turf and terrain to the satisfaction of the County Engineer. Such cleanup and repair may consist of backfilling, regrading, reseeding, resodding, or any other requirements to restore the right-of-way to a condition equivalent to that which existed prior to the commencement of the project.

All turf areas on County Highway right-of-way disturbed by this construction shall be seeded or reseeded until a grass turf is reestablished. The disturbed areas shall be seeded with the specified mixture at the following ratio: Three pounds of Kentucky Bluegrass or Kentucky 31 or Alta Fescue, and two pounds of Perennial Ryegrass. The application rate shall be five pounds per 1,000 square feet. All areas shall be mulched with straw and areas with slopes greater than 3:1 shall be covered with an erosion control fabric.

The County of Tazewell shall not be held liable for any cable cut or damaged by Tazewell County forces in the execution of their duties.

The Applicant and/or their Contractor shall be required to repair all severed field drainage tiles, sanitary sewers, storm sewers, or utility service lines and their appurtenances resulting from the work authorized by this permit. The repair of severed field drainage tiles may include the installation of a field tile inspection well to be located approximately 6 inches inside the right-of-way line. Once determination has been made the damage to field drainage tiles, sanitary sewers, storm sewers, or utility service lines and their appurtenances resulted from the work authorized by this permit, the Applicant and/or their Contractor shall complete required repairs within thirty (30) days after receiving written notification from the County Engineer. Failure to complete the required repairs may result in the County of Tazewell completing the repairs and back charging the Applicant and/or their Contractor for all costs incurred. It shall be understood determination of damage may occur at any time after the work authorized by this permit has been completed and approved.

Within incorporated areas, the Applicant shall contact local agency officials to review their proposed work and to determine locations of any existing storm sewers, drain tiles, and utilities.

Within unincorporated areas, the Applicant shall contact adjacent property owners, tenant farmers, and any area drainage districts to determine known locations of existing field tile prior to starting work on County Highway right-of-way.

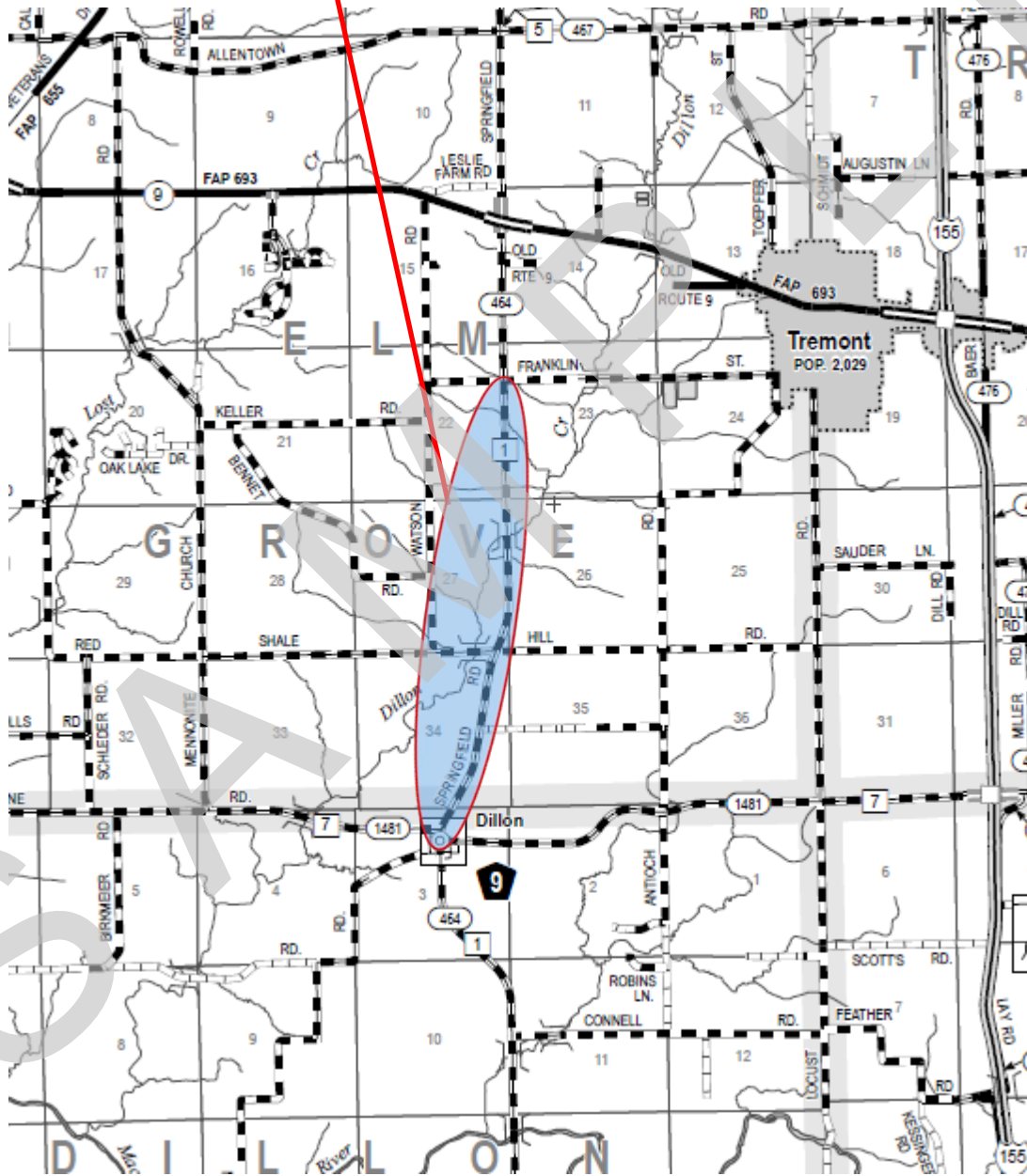
The Applicant shall bore under grassed or landscaped areas within County Highway right-of-way, which are mowed and maintain by adjacent residential or commercial property owners.

The Applicant shall place company identification markers adjacent to all pull boxes or terminal pedestals. Pull boxes and terminal pedestals shall be placed adjacent to the existing County Highway right-of-way line in order to reduce conflicts with the County's maintenance and mowing operations.

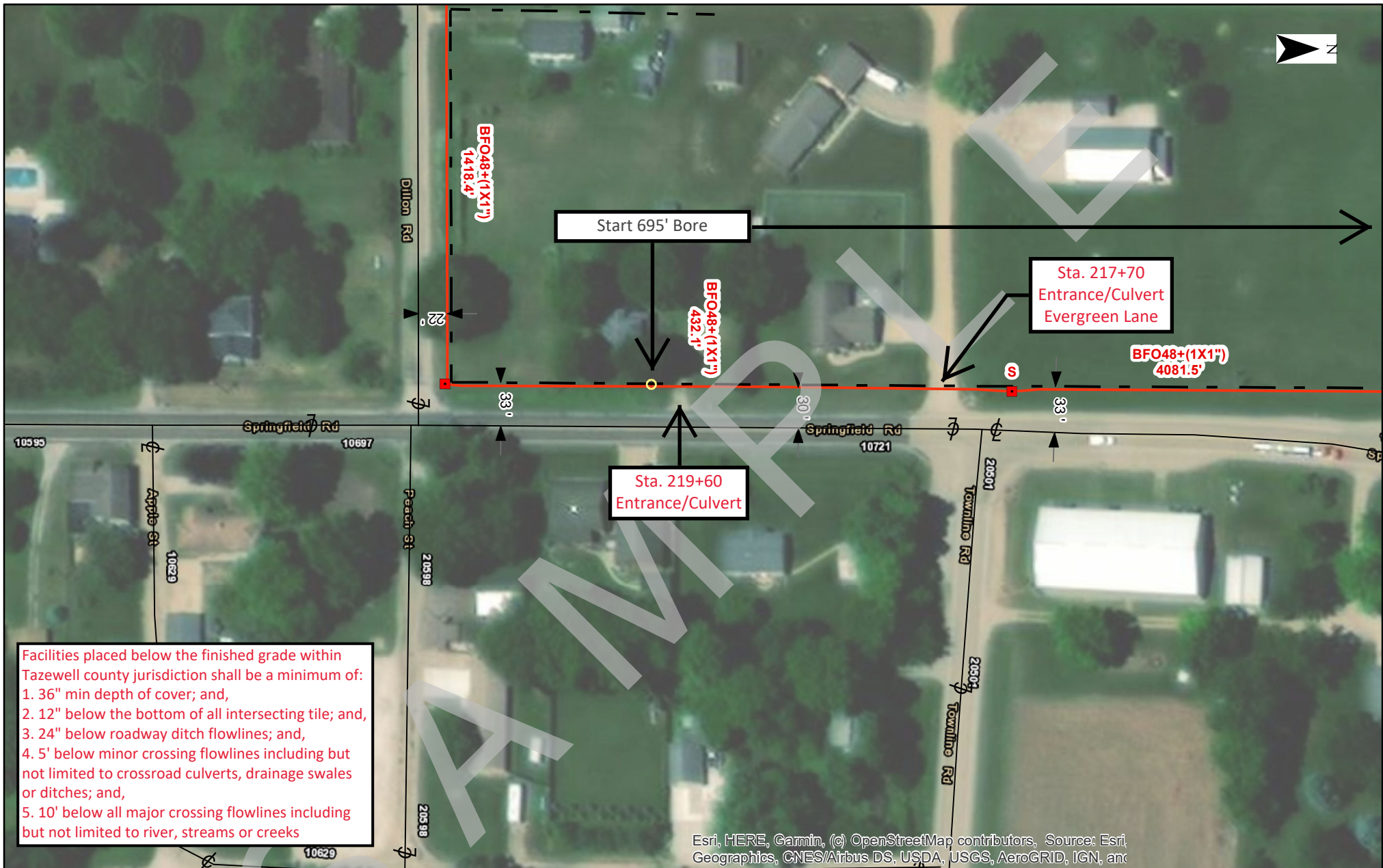
SAMPLE

U2020-XX – (Company) – Buried Fiber Optic - CH 1

LOCATION



Dillon to Danvers



Facilities placed below the finished grade within Tazewell county jurisdiction shall be a minimum of:

1. 36" min depth of cover; and,
2. 12" below the bottom of all intersecting tile; and,
3. 24" below roadway ditch flowlines; and,
4. 5' below minor crossing flowlines including but not limited to crossroad culverts, drainage swales or ditches; and,
5. 10' below all major crossing flowlines including but not limited to river, streams or creeks

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AS-STAKED	
COUNTY: Tazewell/McLean	
CITY: Dillon/Tremont/Danvers	
STATE: IL	
Date: 10/9/2019	WO:
Scale: NTS	EXCH:

AS-STAKED	
COUNTY: Tazewell/McLean	
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STATE: IL	
Date: 10/9/2019	WO:
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Legend

	Proposed Construction	BFO# = Buried fiber cable strand count.
	Business	+(#X#") = Number of conduit and conduit size.
	Proposed Handhole	XXX' = Length from handhole to handhole.
	Cell Tower	BM60 = Bore 1 innerduct, 42" depth, except ditches which will be a minimum of 60" deep from base of ditch
	Existing Handhole	HAND HOLE DIMENSIONS
	Centerlines	ε = 24"x36"x24" L = 32"x48"x36" Split = 60"x42"x32"
	Right Of Way	

- ### Construction Notes
1. EACH HAND HOLE WILL CONTAIN 150' OF CABLE SLACK UNLESS OTHERWISE NOTED.
 2. FIBER CABLE CONDUIT WILL BE PLACED WITHIN 8' FROM THE BACK OF THE RIGHT OF WAY
 3. AERIAL IMAGERY IS FOR REFERENCE ONLY AND MAY NOT DISPLAY CURRENT IMAGERY.
 4. ALL ROAD CROSSINGS AND FIELD TILE WILL BE BORED AT A MINIMUM OF 4' FROM BASE OF DITCH.
 5. PLOW AND BORE LOCATIONS WILL BE DETERMINED IN THE FIELD AT THE DISCRETION OF THE CREW MANAGER.

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Dillon to Danvers



Facilities placed below the finished grade shall be a minimum of:

1. 36" min depth of cover; and,
2. 12" below the bottom of all intersecting tile; and,
3. 24" below roadway ditch flowlines; and,
4. 5' below minor crossing flowlines including but not limited to crossroad culverts, drainage swales or ditches; and,
5. 10' below all major crossing flowlines including but not limited to river, streams or creeks

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Date: 10/9/2019		WO:	
Scale: NTS		EXCH:	

AS-STAKED
 COUNTY: Tazewell/McLean
 CITY: Dillon/Tremont/Danvers
 STATE: IL

Legend

- Business
- ⊕ Cell Tower
- Existing Handhole
- Proposed Construction
- Proposed Handhole
- ⊕ Centerlines
- Right Of Way

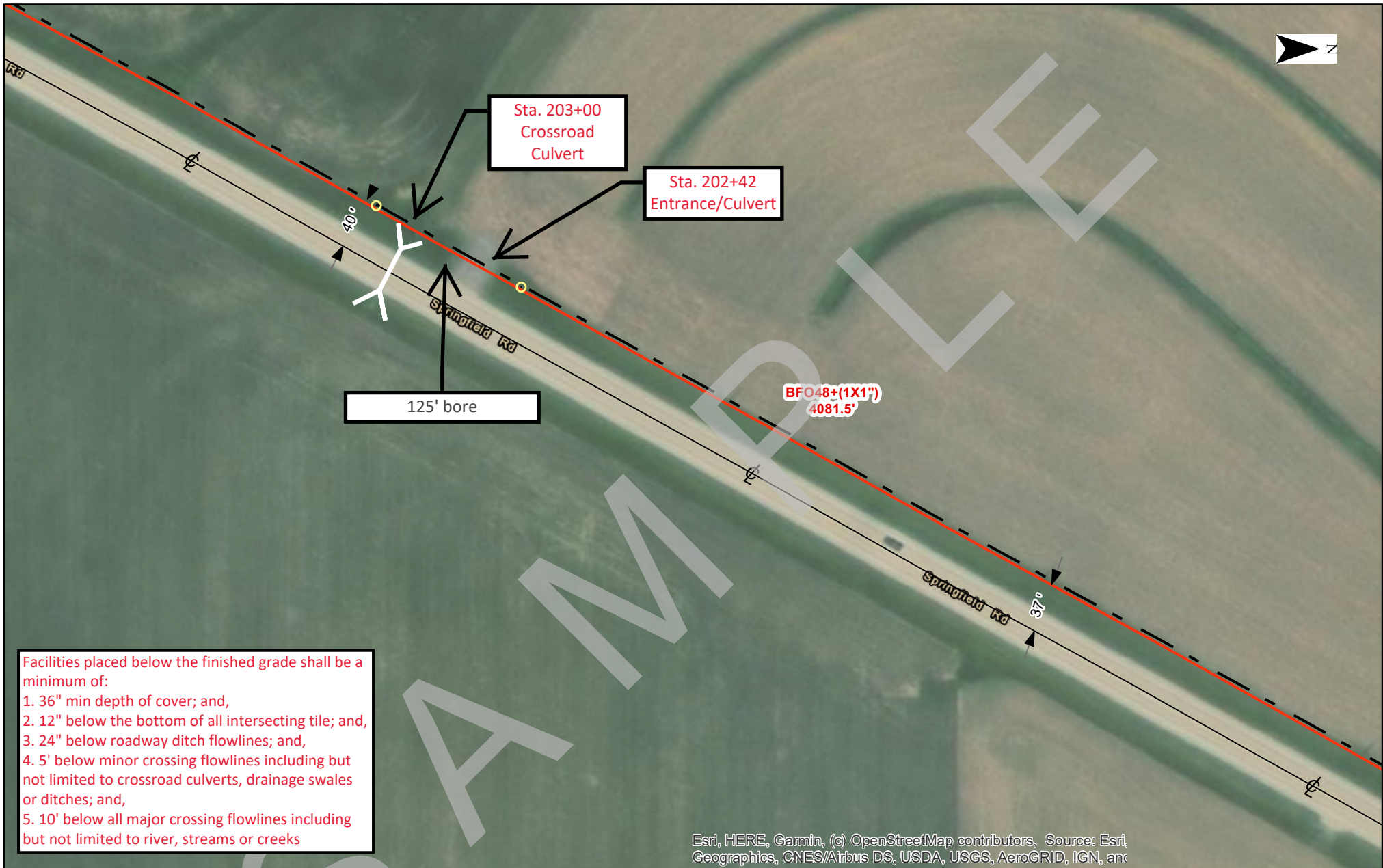
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XXX' = Length from handhole to handhole.
BM60 = Bore 1 innerduct, 42" depth, except ditches which will be a minimum of 60" deep from base of ditch
HAND HOLE DIMENSIONS
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- Construction Notes**
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Dillon to Danvers



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STATE: IL	
Date: 10/9/2019	WO:
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Legend

● Business	— Proposed Construction	BFO# = Buried fiber cable strand count.
Cell Tower	■ Proposed Handhole	+(#X#") = Number of conduit and conduit size.
■ Existing Handhole	Centerlines	XXX' = Length from handhole to handhole.
	Right Of Way	BM60 = Bore 1 innerduct, 42" depth, except ditches which will be a minimum of 60" deep from base of ditch
		HAND HOLE DIMENSIONS
		ε = 24"x36"x24" L = 32"x48"x36" Split = 60"x42"x32"

Construction Notes

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↑ TO PAGE 18

↑ TO PAGE 20

Dillon to Danvers



Facilities placed below the finished grade shall be a minimum of:

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2. 12" below the bottom of all intersecting tile; and,
3. 24" below roadway ditch flowlines; and,
4. 5' below minor crossing flowlines including but not limited to crossroad culverts, drainage swales or ditches; and,
5. 10' below all major crossing flowlines including but not limited to river, streams or creeks

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COUNTY: Tazewell/McLean
CITY: Dillon/Tremont/Danvers
STATE: IL

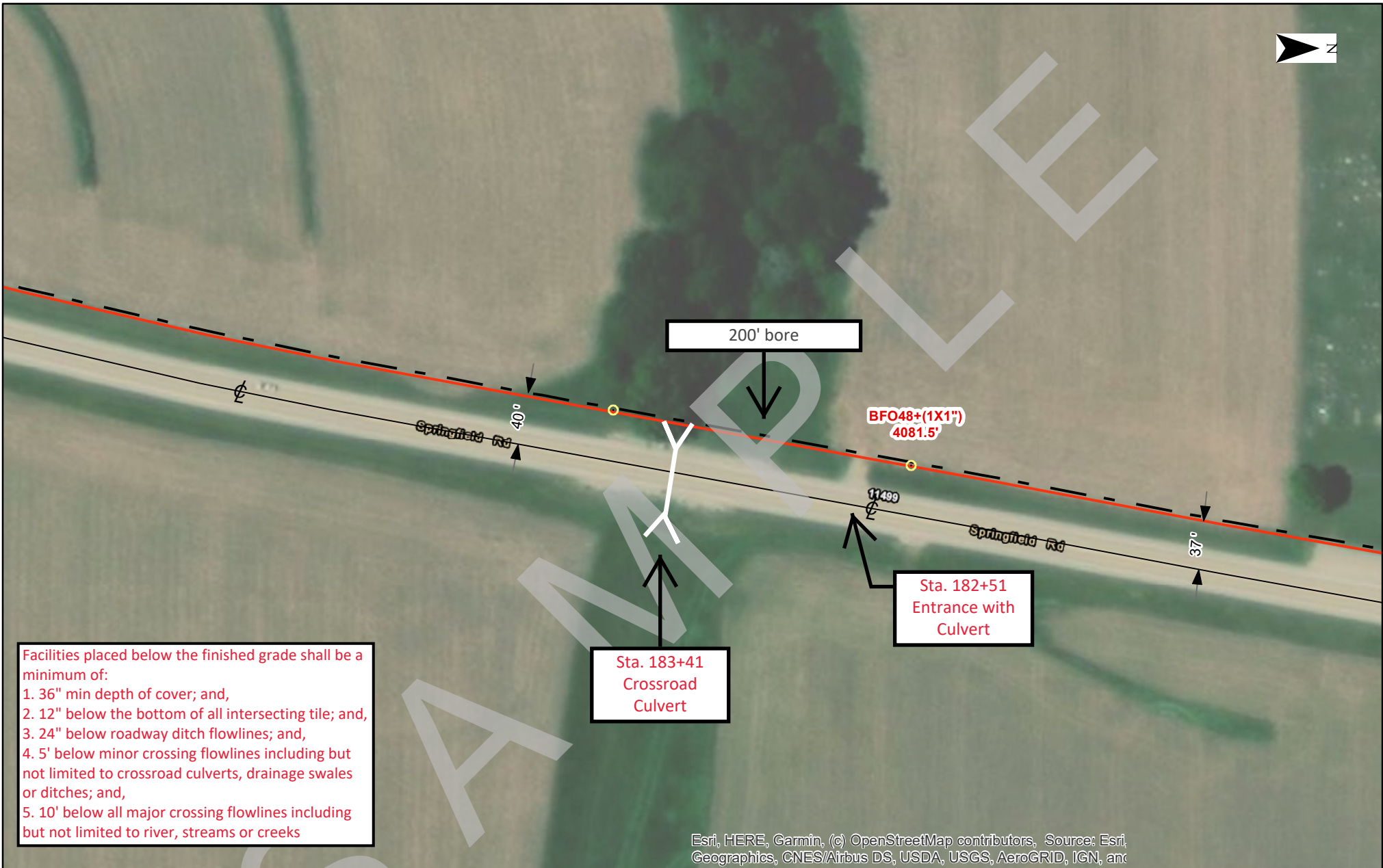
Legend		BFO# = Buried fiber cable strand count.
● Business	— Proposed Construction	+(#X#") = Number of conduit and conduit size.
■ Proposed Handhole	■ Proposed Handhole	XXX' = Length from handhole to handhole.
Cell Tower	Centerlines	BM60 = Bore 1 innerduct, 42" depth, except ditches which will be a minimum of 60" deep from base of ditch
■ Existing Handhole	Right Of Way	HAND HOLE DIMENSIONS
		ε =24"x36"x24" L =32"x48"x36" Split =60"x42"x32"

Construction Notes
1. EACH HAND HOLE WILL CONTAIN 150' OF CABLE SLACK UNLESS OTHERWISE NOTED.
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3. AERIAL IMAGERY IS FOR REFERENCE ONLY AND MAY NOT DISPLAY CURRENT IMAGERY.
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↑ TO PAGE 19

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Dillon to Danvers



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Legend	
●	Business
	Cell Tower
■	Existing Handhole
■	Proposed Handhole
	Centerlines
	Right Of Way

Proposed Construction

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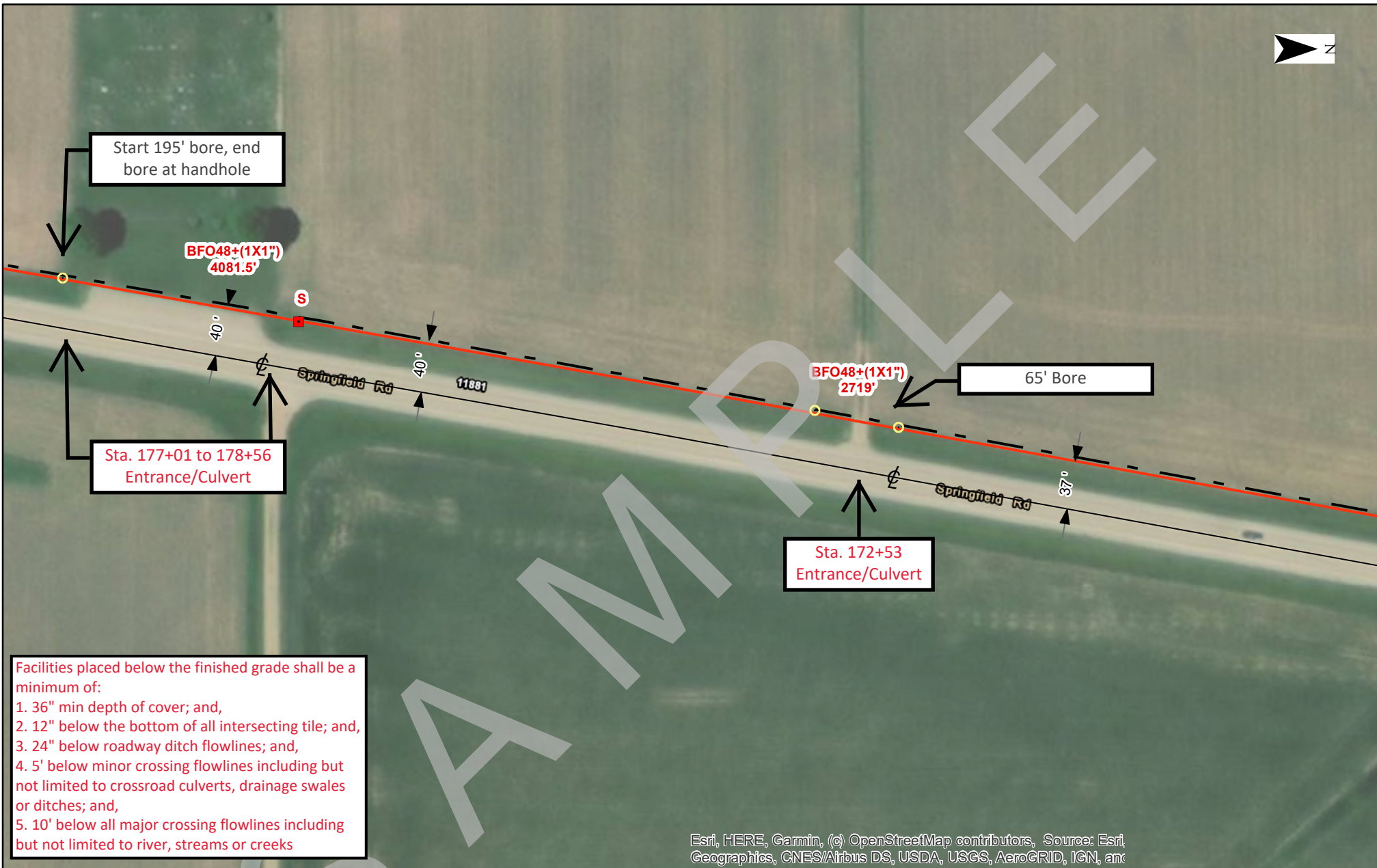
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Dillon to Danvers



↑ TO PAGE 21

↓ TO PAGE 23

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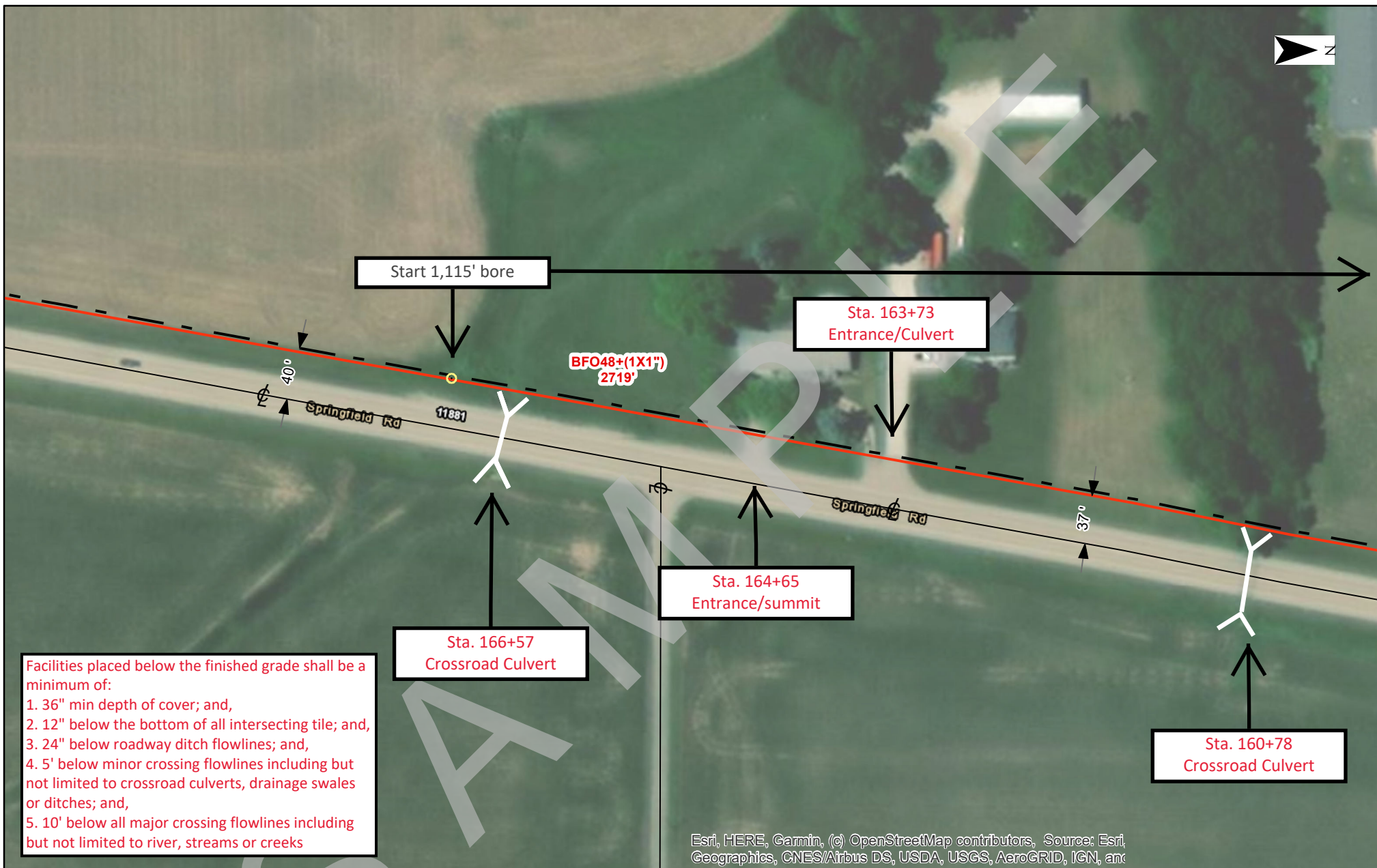
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Dillon to Danvers



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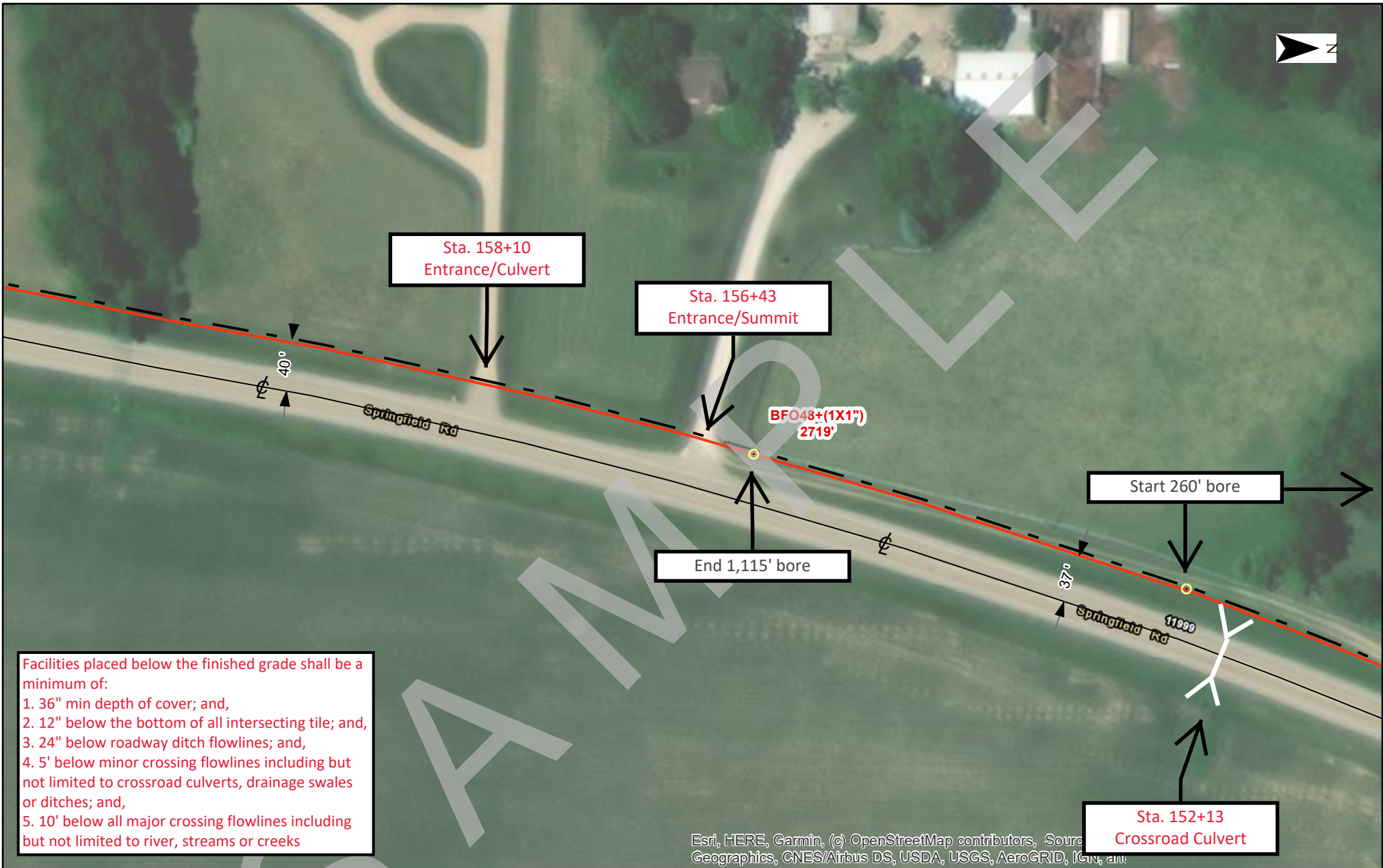
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Dillon to Danvers



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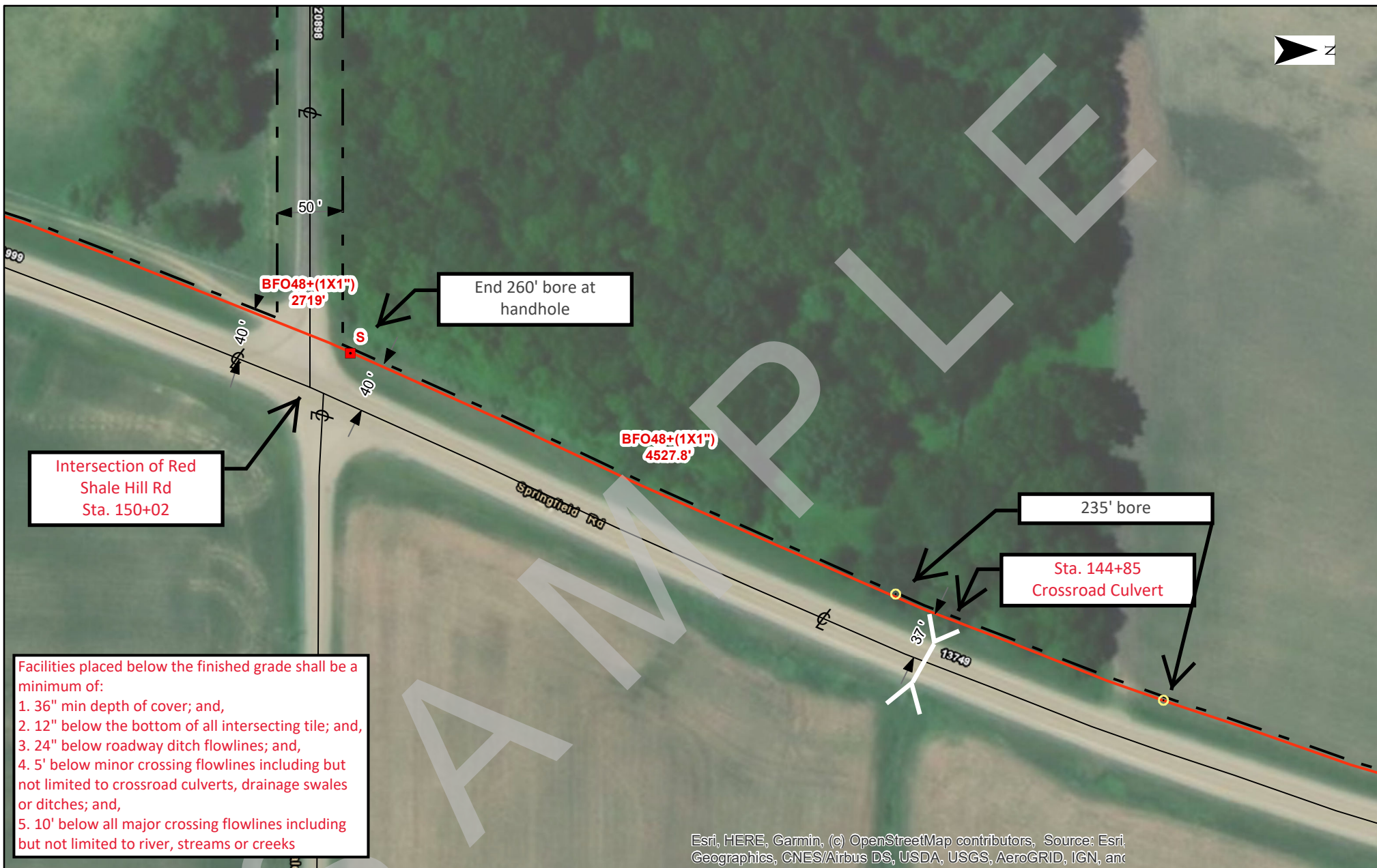
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Dillon to Danvers



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Intersection of Red Shale Hill Rd
Sta. 150+02

End 260' bore at handhole

235' bore

Sta. 144+85
Crossroad Culvert

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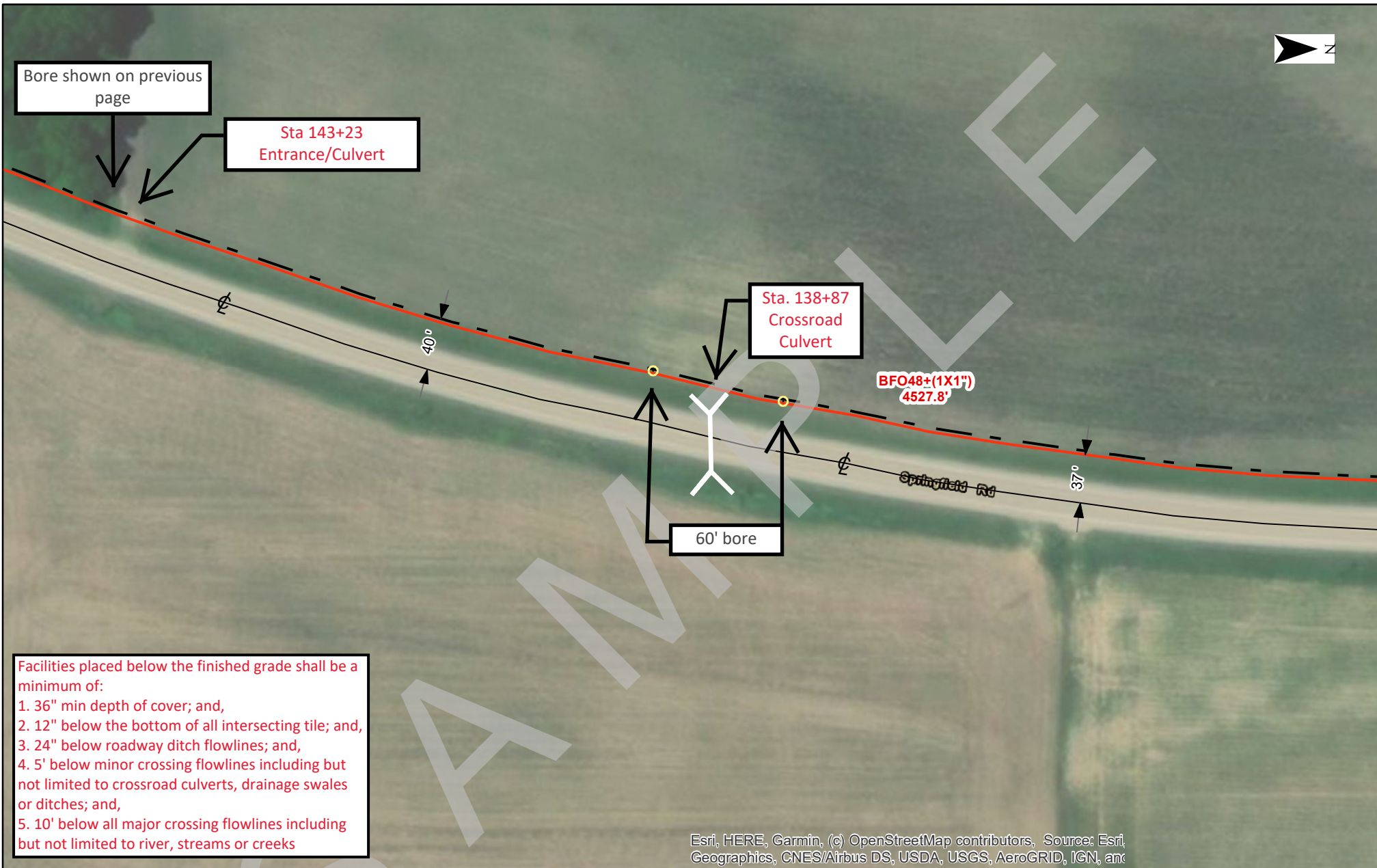
- Business
- ⊕ Cell Tower
- Existing Handhole
- Proposed Construction
- Proposed Handhole
- ⊕ Centerlines
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Dillon to Danvers



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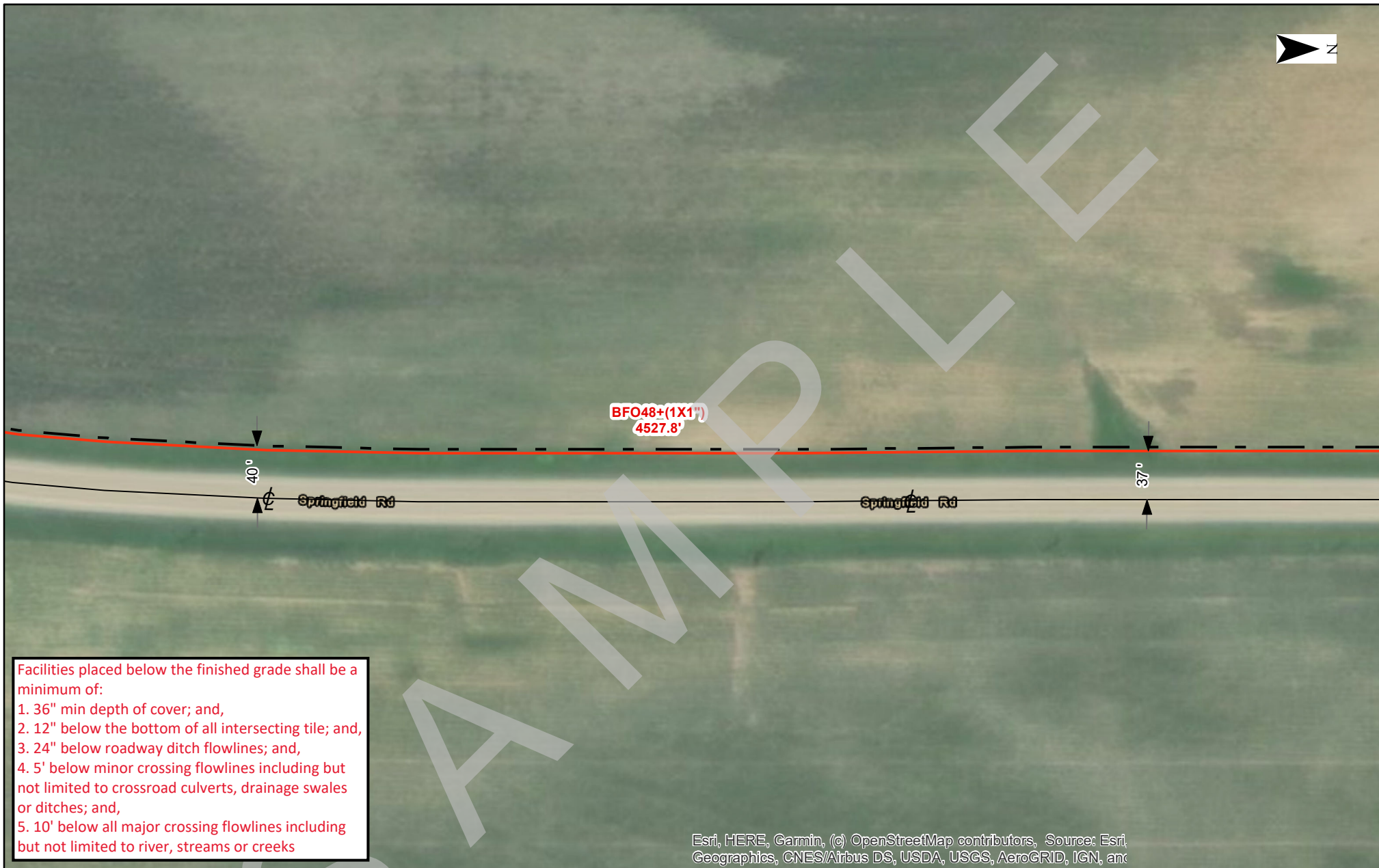
↑ TO PAGE 27

Dillon to Danvers



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↑ TO PAGE 28



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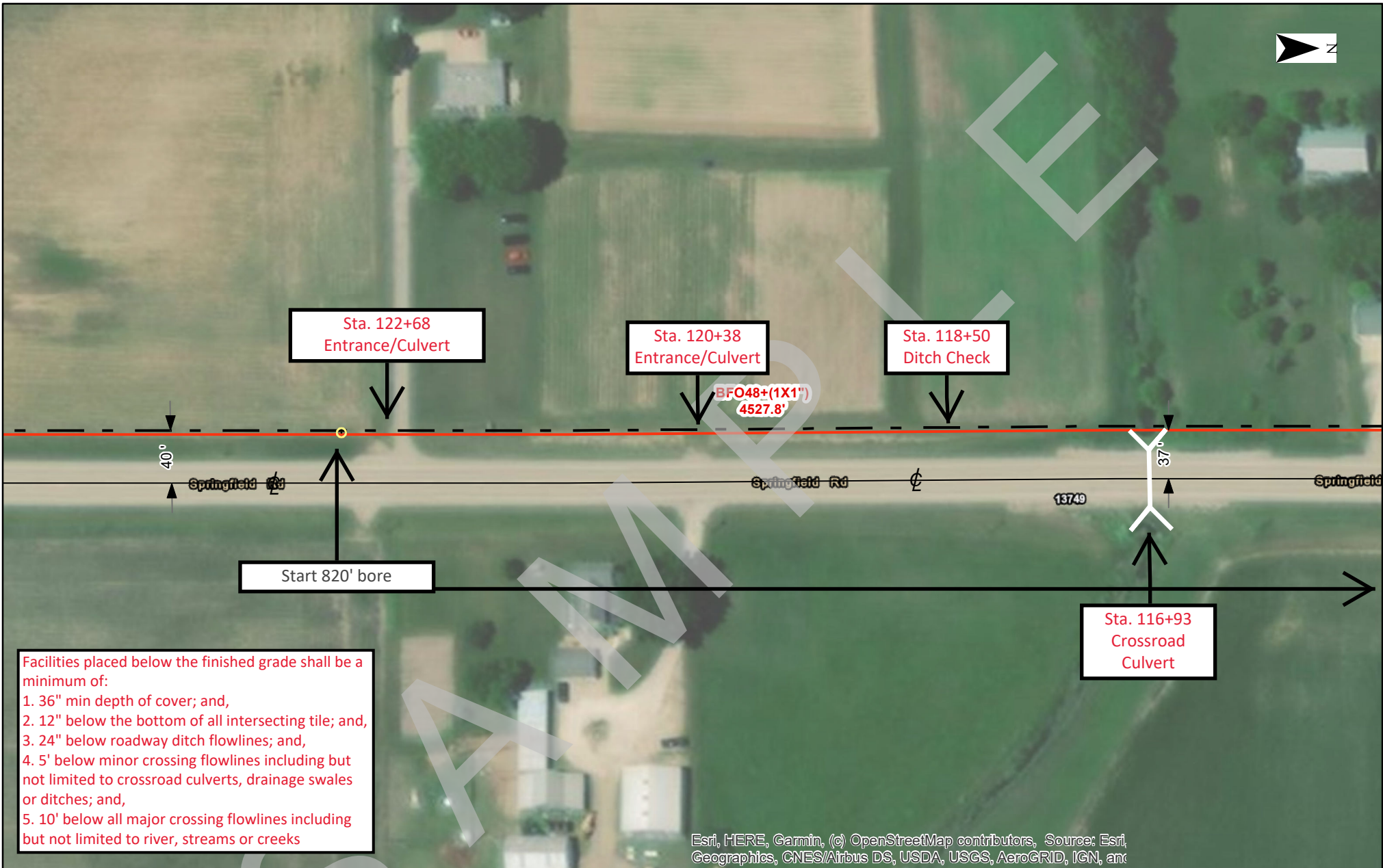
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Dillon to Danvers



↑ TO PAGE 27

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- Business
- ⊙ Cell Tower
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- Proposed Construction
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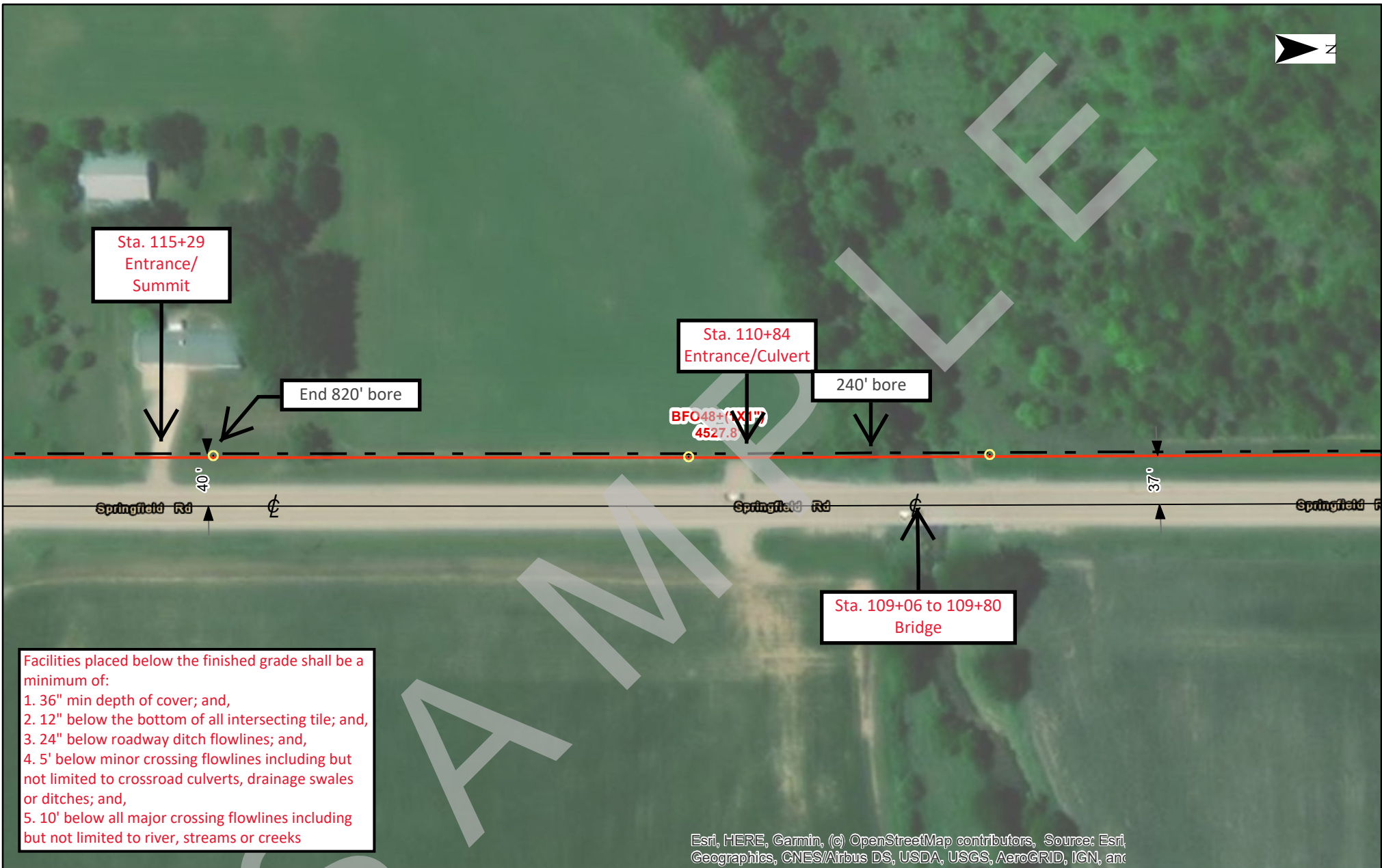
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Dillon to Danvers



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Legend

- Business
- ⊕ Proposed Handhole
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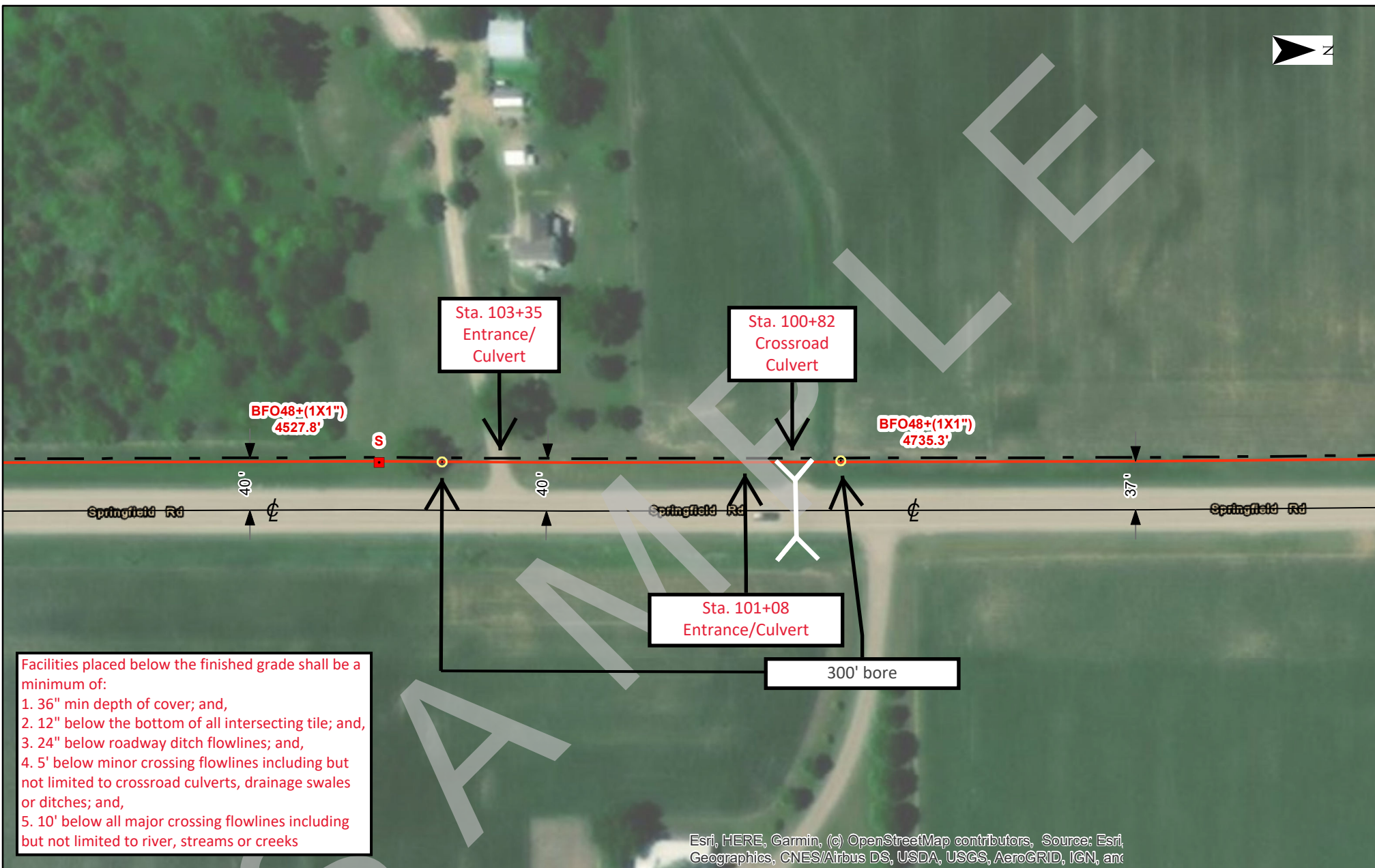
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Dillon to Danvers



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Legend

	Business		Proposed Handhole		Proposed Construction
	Cell Tower		Centerlines		Right Of Way
	Existing Handhole				

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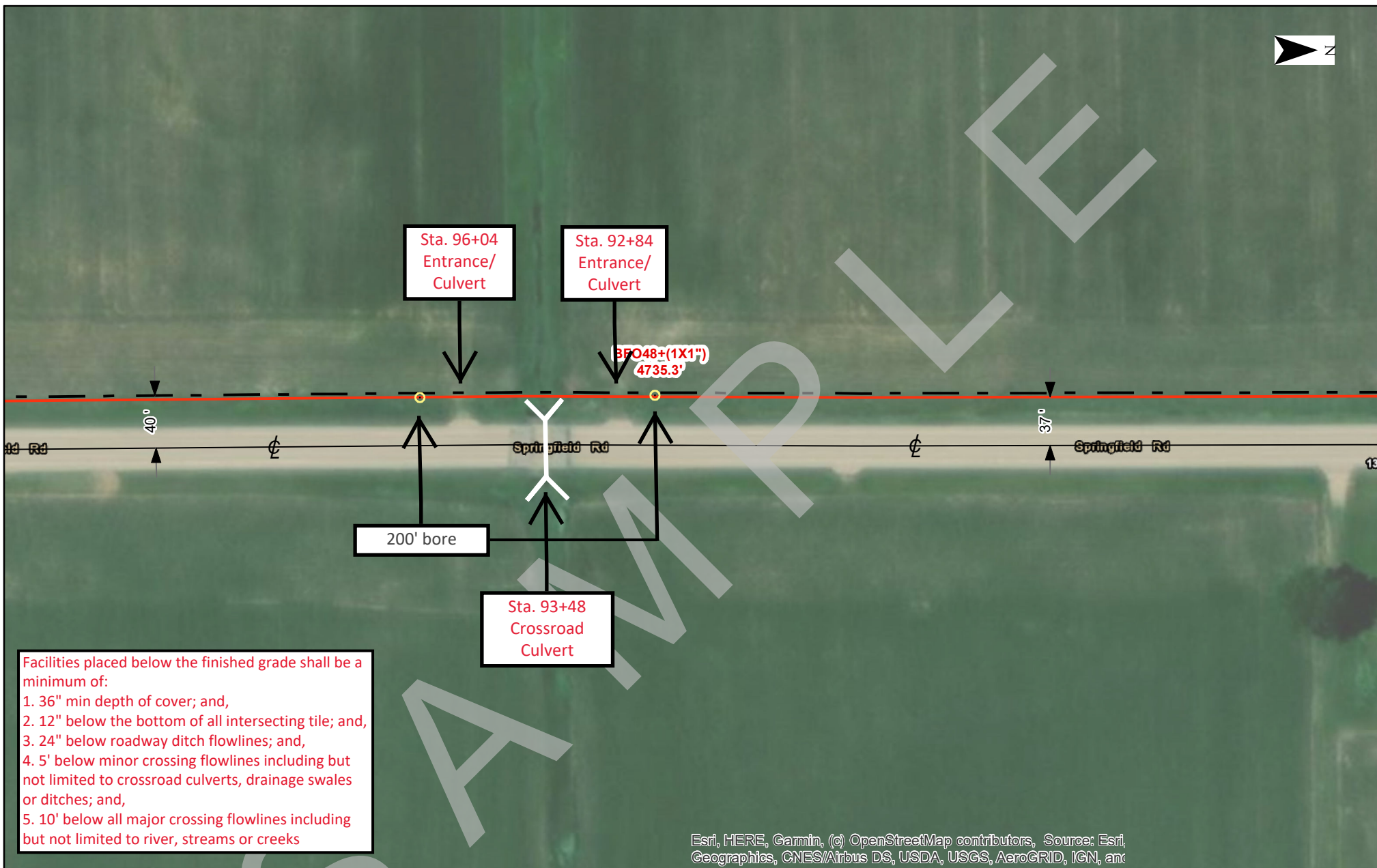
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Dillon to Danvers



↑ TO PAGE 30

↑ TO PAGE 32



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Dillon to Danvers



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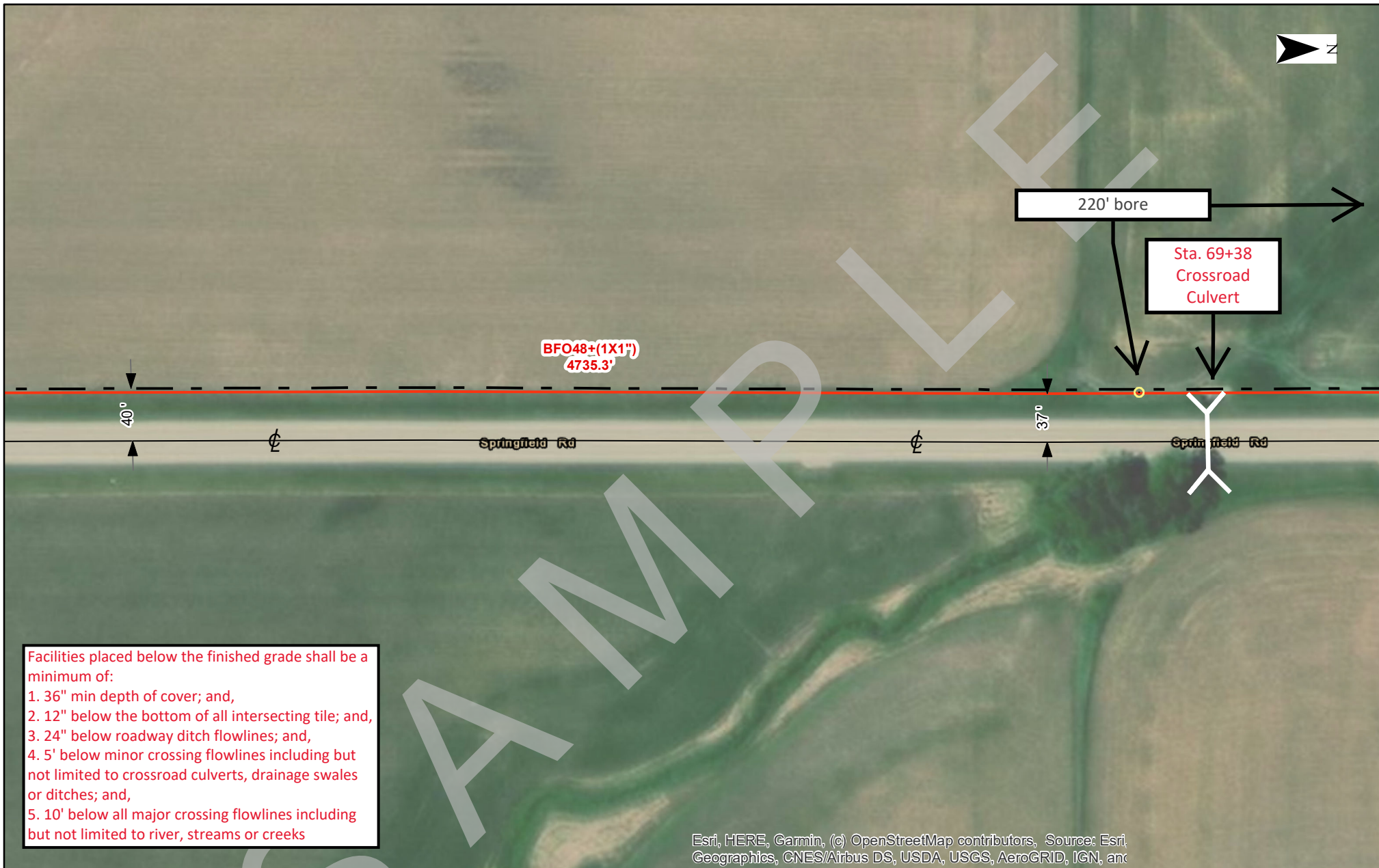
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3. 24" below roadway ditch flowlines; and,
4. 5' below minor crossing flowlines including but not limited to crossroad culverts, drainage swales or ditches; and,
5. 10' below all major crossing flowlines including but not limited to river, streams or creeks

Esri, HERE, Garmin, (c) OpenStreetMap contributors, Source: Esri, Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and

Date: 10/9/2019		WO:	
Scale: NTS		EXCH:	

AS-STAKED
 COUNTY: Tazewell/McLean
 CITY: Dillon/Tremont/Danvers
 STATE: IL

Legend

- Business
- ⊕ Cell Tower
- Existing Handhole
- Proposed Construction
- Proposed Handhole
- ⊕ Centerlines
- Right Of Way

BFO# = Buried fiber cable strand count.
+(#X#") = Number of conduit and conduit size.
XXX' = Length from handhole to handhole.
BM60 = Bore 1 innerduct, 42" depth, except ditches which will be a minimum of 60" deep from base of ditch

HAND HOLE DIMENSIONS
ε = 24"x36"x24" **L** = 32"x48"x36" **Split** = 60"x42"x32"

Construction Notes

1. EACH HAND HOLE WILL CONTAIN 150' OF CABLE SLACK UNLESS OTHERWISE NOTED.
2. FIBER CABLE CONDUIT WILL BE PLACED WITHIN 8' FROM THE BACK OF THE RIGHT OF WAY
3. AERIAL IMAGERY IS FOR REFERENCE ONLY AND MAY NOT DISPLAY CURRENT IMAGERY.
4. ALL ROAD CROSSINGS AND FIELD TILE WILL BE BORED AT A MINIMUM OF 4' FROM BASE OF DITCH.
5. PLOW AND BORE LOCATIONS WILL BE DETERMINED IN THE FIELD AT THE DISCRETION OF THE CREW MANAGER.

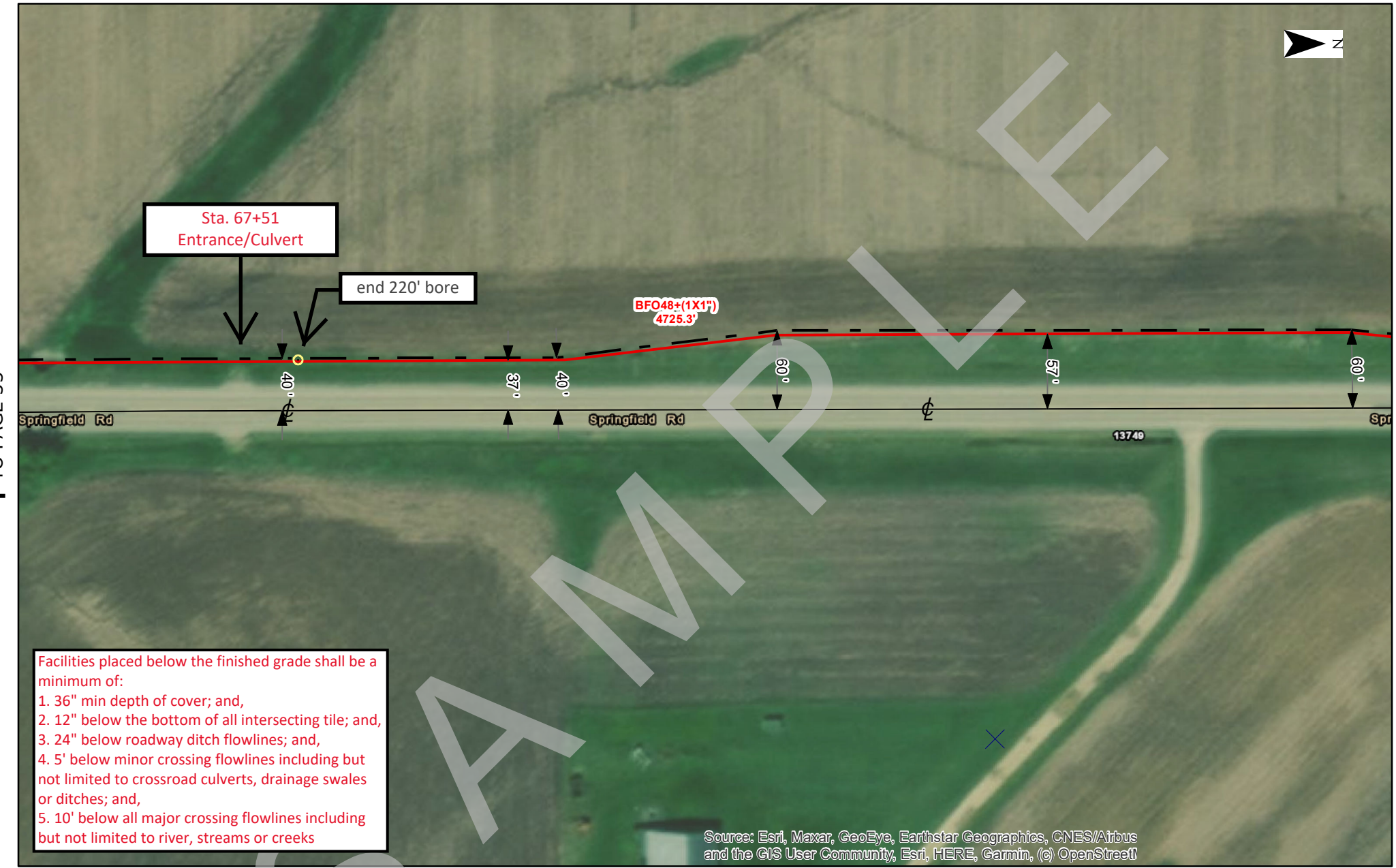
Dillon to Danvers



Sta. 67+51
Entrance/Culvert

end 220' bore

BFO48+(1X1")
4725.3'



Facilities placed below the finished grade shall be a minimum of:

1. 36" min depth of cover; and,
2. 12" below the bottom of all intersecting tile; and,
3. 24" below roadway ditch flowlines; and,
4. 5' below minor crossing flowlines including but not limited to crossroad culverts, drainage swales or ditches; and,
5. 10' below all major crossing flowlines including but not limited to river, streams or creeks

Source: Esri, Maxar, GeoEye, Earthstar Geographics, CNES/Airbus and the GIS User Community, Esri, HERE, Garmin, (c) OpenStreet!

AS-STAKED	
COUNTY: Tazewell/McLean	
CITY: Dillon/Tremont/Danvers	
STATE: IL	

Date: 7/13/2020	WO:
Scale: NTS	EXCH:

Legend

	Business		Proposed Construction	BFO# = Buried fiber cable strand count.
	Existing Handhole		Proposed Handhole	+(#X#") = Number of conduit and conduit size.
	Cell Tower		Centerlines	XXX' = Length from handhole to handhole.
	Right Of Way		Centerlines	BM60 = Bore 1 innerduct, 42" depth, except ditches which will be a minimum of 60" deep from base of ditch

HAND HOLE DIMENSIONS
 S=24"x36"x24" L=32"x48"x36" Split=60"x42"x32"

Construction Notes

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↑ TO PAGE 33

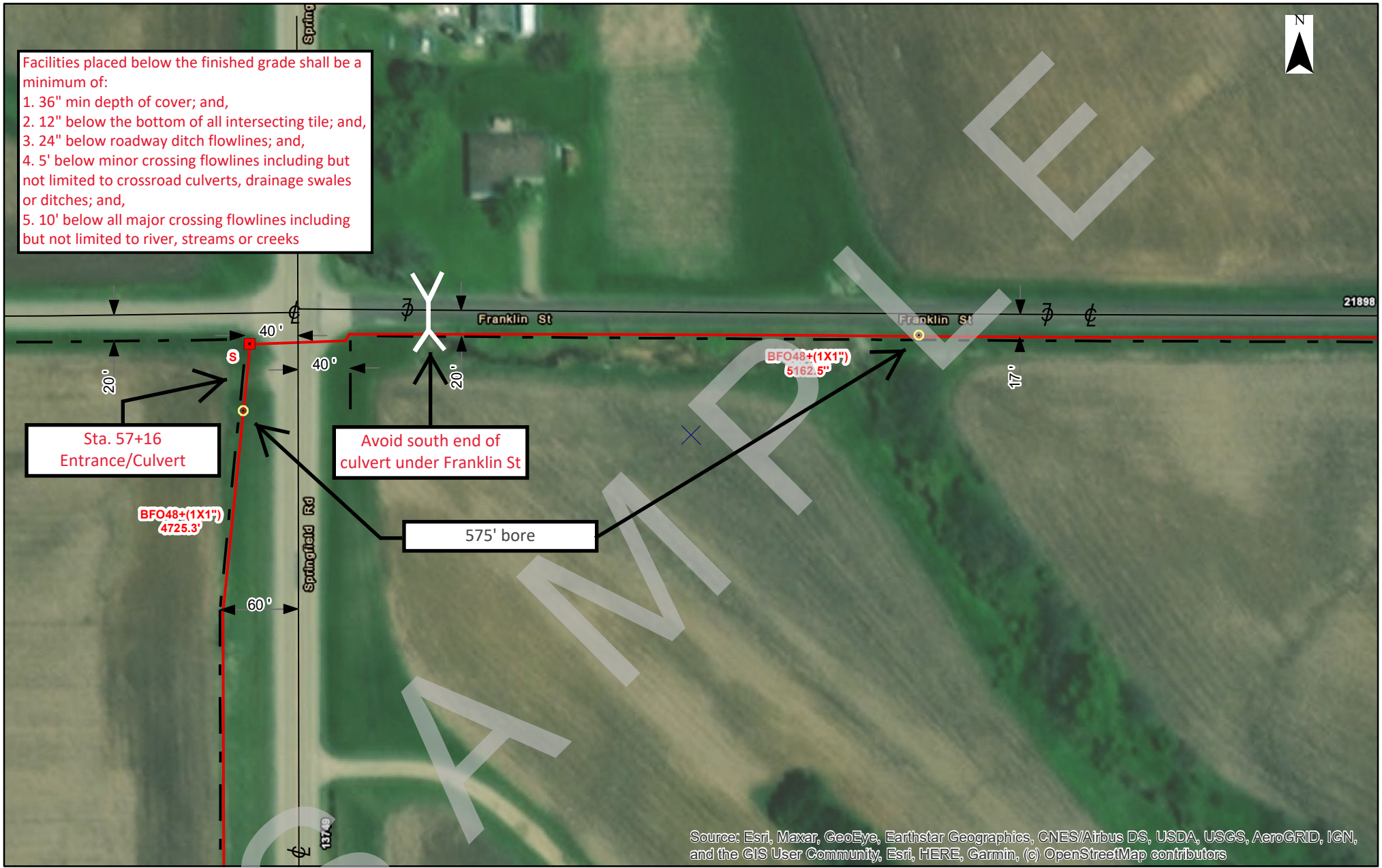
↑ TO PAGE 35

Dillon to Danvers



Facilities placed below the finished grade shall be a minimum of:

1. 36" min depth of cover; and,
2. 12" below the bottom of all intersecting tile; and,
3. 24" below roadway ditch flowlines; and,
4. 5' below minor crossing flowlines including but not limited to crossroad culverts, drainage swales or ditches; and,
5. 10' below all major crossing flowlines including but not limited to river, streams or creeks



↑ TO PAGE 34

↓ TO PAGE 36

Source: Esri, Maxar, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community, Esri, HERE, Garmin, (c) OpenStreetMap contributors

AS-STAKED	
COUNTY: Tazewell/McLean	
CITY: Dillon/Tremont/Danvers	
STATE: IL	
Date: 7/13/2020	WO:
Scale: NTS	EXCH:

AS-STAKED	
COUNTY: Tazewell/McLean	
CITY: Dillon/Tremont/Danvers	
STATE: IL	
Date: 7/13/2020	WO:
Scale: NTS	EXCH:

Legend

	Proposed Construction	BFO# = Buried fiber cable strand count.
	Business	+(#X#") = Number of conduit and conduit size.
	Proposed Handhole	XXX' = Length from handhole to handhole.
	Cell Tower	BM60 = Bore 1 innerduct, 42" depth, except ditches which will be a minimum of 60" deep from base of ditch
	Existing Handhole	HAND HOLE DIMENSIONS
	Centerlines	ε =24"x36"x24" L =32"x48"x36" Split =60"x42"x32"
	Right Of Way	

- ### Construction Notes
1. EACH HAND HOLE WILL CONTAIN 150' OF CABLE SLACK UNLESS OTHERWISE NOTED.
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