

**INTEGRATED ROADSIDE VEGETATION MANAGEMENT
STATEMENT OF SUPPORT**

The Lee County Board of Supervisors, the Lee County Engineer, the Lee County Conservation Board and the Lee County Conservation Director come together in cooperation, common goals and shared ideas to manage roadsides in Lee County by and through Integrated Roadside Vegetation Management (I.R.V.M) principals.

We realize that I.R.V.M. will be beneficial to our roadside management goals including increased brush and weed control, while being economically and environmentally beneficial. We also realize the increasing importance of public education programs, public participation, input and involvement in understanding roadside management practices.

We understand that working in unison toward improving roadside vegetation is the most efficient way to accomplish the goal of improved, safe, and weed free roadsides. These roadsides will also add to the habitat and natural beauty of Lee County.

We hereby agree to manage Lee County roadsides according to the provisions described within this management plan.

Lee County Board of Supervisors

By: 
Chairperson, Ron Fedler

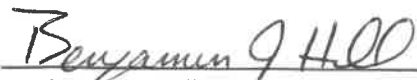
Date: 3-10-20

Lee County Conservation Board


Tom Pollpeter, President

Date: 3-10-20

Lee County Engineer


Benjamin J. Hull, P.E.

Date: 3-10-20

Lee County Conservation Director


Nathan Unsworth

Date: 3-10-20

Lee County

Integrated Roadside Vegetation Management Plan 2020

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	a. Ben Hull – County Engineer	
	b. Nathan Unsworth - Conservation Director	
	c. Lee County Board of Supervisors	
	d. Lee County Conservation Board	
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II. Executive Program

A. Goals

1. Re-establish an Integrated Roadside Vegetation Management program as a joint effort between the Lee County Conservation and Secondary Roads Departments with Board of Supervisor and Conservation Board support.
2. Evaluate possibility of re-establishing full time Roadside Manager position.
3. Complete an updated roadside inventory.
4. Preserve and provide safe, functional, and environmentally improved corridors of travel throughout the county.
5. Reduce the presence of noxious weeds on County property and right-of-way and encourage cooperative efforts with adjoining owners of private property.
6. Utilize a long-term integrated management program that promotes desirable, self-sustaining plant communities. Encourage those plant communities that are native to Iowa through preservation and re-establish whenever practical.
7. Continue to use efficient and effective chemicals as a control method of undesirable plants.
8. Acquire equipment such as seedbed preparation implements, seed drills, and silt fencing implements, etc. for use in preventing erosion and topsoil loss and re-establishing native vegetative species.
9. Investigate ways to establish or use an existing GIS database to manage IRVM sites.
10. Control brush within County right-of-way for the purpose of improving roadway safety and reducing maintenance efforts.

B. Program History

1. Lee County previously had an IRVM program with 2 dedicated employees from the Conservation Department. The program was discontinued in approximately 2005.
2. A roadside inventory was last completed in the 1980s.

C. IRVM Decision Making Process

1. Lee County Conservation and Secondary Roads Departments will attempt to utilize the latest IRVM methodologies to most appropriately address the problems at hand. Actions that are most consistent with the goals and concepts of roadside vegetation management in this plan are considered first priority.

D. Executive Summary

1. Lee County's vegetation management goals must meet certain safety and functional requirements for departmental maintenance and the travelling public before aesthetic, recreational, or economic considerations can be addressed. These are to maintain a clear zone recovery area, meet minimal sight distance requirements, improve roadway characteristics related to drainage and snow clearing and storage, and provide for erosion control.

Lee County is also required by Iowa law to mow or otherwise control noxious weeds. Through the use of IRVM, we should be able to meet the prime purposes,

provide a safe corridor for travel, and address other desirable uses for roadside vegetation.

2. Paved and non-paved roadways may be managed differently due to different levels of service, different traffic volumes, increased clear zone requirements, etc

A Local Road Safety Plan exists for the County's paved road system. Recommendations in the LRSP including, but not limited to, clear-zone brush clearing, maintaining and improving sight distance at intersections, curves, etc. shall carry a higher priority than IRVM goals. However, where both the IRVM and LRSP apply, solutions will be sought to meet the goals of both plans.

E. Map

1. Please refer to Figure 1 in the Appendix

F. Program Type

1. Lee County will designate a Roadside Vegetation Manager from within the Conservation Department. Equipment and staff expertise of both the Conservation and Secondary Roads Departments will be utilized cooperatively to maximize the effectiveness of the program. Decision making will be a joint effort between the Conservation Director, County Engineer, and delegated members of their departments. Consideration will be given to the use of seasonal employees for the IRVM program.

III. Jurisdictional Recognition and Approval

A. Management

1. Conservation Director - maintains roadside inventory and monitors vegetative communities. Makes recommendations and provides expertise designed to promote, establish, and maintain native, self-sustaining communities and control noxious weeds. Reviews IRVM funding and budgetary needs on an annual basis. Aids in deciding IRVM operations including applying for funding and materials through the LRTF (Living Roadway Trust Fund). Assigns staff and equipment for use in the IRVM program. Provides expertise in the selection and seeding of plant species to be used in the roadside. Performs public relations and education.
2. County Engineer – makes decisions where road maintenance and construction projects will take place throughout the county. Reviews IRVM funding and budgetary needs on an annual basis. Aids in deciding IRVM operations including applying for funding and materials through the LRTF (Living Roadway Trust Fund). Assigns staff and equipment for use in the IRVM program.
3. Conservation Superintendent - Assigns tasks to conservation employees on a daily basis to carry out the IRVM operations.
4. Maintenance Superintendent – Assigns tasks to maintenance employees on a daily basis to carry out the IRVM operations.
5. Secondary Roads and Conservation employees:
 - a. The control of noxious weed by mechanical, cultural, or chemical methods.

- b. Coordinate brush control and roadside mowing with Maintenance Superintendent.
- c. Oversee equipment maintenance and purchase.

B. Board of Supervisors

1. Please refer to program type and executive summary. The Board of Supervisors aids in hearing public input in IRVM operations. Through approval of budgets for Conservation and Secondary Roads, Supervisors also review and approve budget for IRVM operations on an annual basis.
2. A liaison from the Board of Supervisors may interact with the public in regards to the IRVM program and stay up to date on the program status through meetings and communications with the Conservation Director and County Engineer.

C. Applicable State Laws and Regulations

1. Iowa Law Section 314.17 Mowing on Secondary Roads
2. Iowa Law Section 314.22 IRVM
3. Iowa Law Section 317 Weeds
4. Iowa Law Section 318.3 Obstructions in Highway Right-of-Way

D. Permits and Agreements

1. Permits are filed in the County Engineer's Office. Permits are filled out by the applicant then submitted to the County Engineer for approval. The County Engineer has the authority to make necessary changes to the proposed application prior to approval. Applications possibly affecting the IRVM program include can be found in the Appendix:

IV. Program Organizational Structure

A. Staff Organizational Structure

1. The County Engineer / Conservation Director work with their Superintendents to distribute workload necessary to follow the plan. The hierarchy is as follows:
 - a. County Engineer / Conservation Director (IRVM Manager)
 - b. Maintenance Superintendent / Conservation Superintendent
 - c. Maintenance Staff

B. Staffing Needs

1. Lee County's IRVM plan requires workers to be available for seeding, erosion control, mowing, and brush cutting. Workers will be utilized when schedules are free from typical road maintenance activities (i.e.: hauling gravel, blading, plowing snow, etc.)
2. Currently, 12 secondary roads maintenance employees are certified pesticide applicators.
3. Certain staff of the secondary roads department are certified through the Iowa DOT Erosion and Sediment Control Training Program. Currently, one employee

is a certified erosion control technician, and two have completed erosion and sediment control basics training.

V. Inventory and Analysis

A. Natural Resources

1. Tools

a. Mapping

- i. Lee County will maintain a living ditching map/grading project list for the Roadside manager to develop a list of seeding projects.
- ii. Maps will be created annually that show where landowners request no spray and/or no mowing. The maps are created each year as signed agreements are good for one year.

b. Aerial Photography

- i. Lee County utilizes Beacon and Pictometry to monitor multiple years of road changes such as alignment, erosion, stream changes.

c. Recordkeeping

- i. Lee County records seeding dates, quantities used, and maintains an excel spreadsheet based on Township, Range, Section, and Road Name.

d. Geospatial

- i. To the extent practical, record keeping will utilize GPS data and GIS technology to track IRVM program goals and accomplishments in a manner that can be correlated with other geospatial data such as aerial photography and geodatabases maintained by other agencies.

2. Vegetation

- a. Inventory of roadside vegetation throughout the county is a continuous practice, mostly due to the ever changing roadside habitats. This inventory includes both official and unofficial records. The official inventory includes data collection and recording on a county wide basis to keep track of areas where vegetation has been planted and roadsides improved to minimize erosion and non-desirable plants. Unofficial inventory includes county staff identifying an issue in the road ditches then continuing to monitor the issue and ultimately coming up with a plan to correct the problem or addressing the problem with a solution.

B. Equipment

1. Lee County has a variety of pieces of equipment that are used on a regular basis as part of our roadside management program. Our current equipment usually allows for having successful plantings and performing proper maintenance of the roadsides. The age of our equipment covers a wide range and will need to be replaced as repairs become uneconomical. See attached Appendix for Lee County's current IRVM equipment list.
2. As other equipment is identified that can assist in our abilities to successfully and economically carry out our IRVM plan, they will be considered for additions to our fleet.

In the longer term, it will be desirable to build a structure to store equipment and materials under one structure in order to extend the life of equipment and store larger amounts of live seed and materials used.

VI. Program Operations

A. Annual Operations

1. January through March – Operations include but are not limited to: cutting trees and brush, repairing equipment, planning upcoming year's operations, ordering equipment and supplies, review herbicide labels, and determine which herbicides to utilize for the upcoming spring/summer.
2. April through September – Operations include but are not limited to: seeding, erosion control projects, mowing and spraying.
3. October through December – Operations include but are not limited to: cutting trees and brush, equipment maintenance, dormant seeding, monitoring sites, and reviewing previous year's work.

B. Vegetation Types for Specific Uses

1. Selection of vegetation will be based upon plant performance, cost, availability, ease of use, and distinct benefits of each type of plant. Prairie seed mixtures, when adjacent property owner request and/or support Native plantings, will be utilized for joint cooperation. Lee County utilizes Native plantings on steeper terrain where future maintenance will be harder to reach. Typically other seeding operations will use an Iowa DOT equivalent rural seed mixture and or combination of in house mix dependent on current seed prices. In front of houses and residential areas we utilize an urban seed mix.
2. Construction projects performed under contract will typically use IDOT specification native grass or other mixes as dictated by permit terms with other agencies (USACE, IDNR, ...)

C. Mowing

1. Shoulder mowing is typically accomplished on all roads once per year and paved roads twice per year.
2. On paved road, the entire right-of-way is typically mowed once each year.
3. Mowing is typically completed between Memorial Day and Labor Day, but is adjusted as necessary based on seasonal factors and availability of labor and equipment.
4. Property Owners may apply for a "Do Not Mow Agreement".

D. Special Projects

1. Wetland Determination – Completed as needed for construction projects to determine if mitigation is needed.
2. Wetland Mitigation Seeding and Enhancement – Projects that address possible loss of habitat through construction by adding additional habitat area.

VII. Methods

A. Vegetation Establishment and Maintenance

1. Procedures – As much as possible, procedures are used as prescribed by the Iowa DOT and IRVM Technical Manual.

2. Site Preparation – Equipment is used to level the soil surface by breaking up dirt clods and removing debris.
3. Seed Mixtures and Rates – Seed mixtures for prairie plantings differ from year to year due to specific seed availability. Prairie seed is planted at the rate suggested by University of Northern Iowa’s IRVM program. At steep locations the seeding rate is typically doubled.
4. Seeding techniques – Lee County determines on a site by site basis, what type of seeding method to use.
5. Erosion and Sediment Control – Multiple erosion control devices and practices are utilized and in combinations depending on site conditions. These include the following:
 - a. Permanent Native Seeding
 - b. Straw sock tubes
 - c. Hydro mulch
 - d. Straw Mulch
 - e. Erosion Control Blankets
 - f. Silt Fence
 - g. Rock check dams
 - h. Channel slope protection with Revetment
 - i. Sediment Basins
 - j. Cover Crop Seeding
6. Vegetation Establishment Maintenance – New and established seedings are actively monitored for further maintenance. Maintenance includes: mowing, planting of temporary cover crops, burning, and selective spot spraying.
7. Planting Evaluation and Documentation – Paper copies are kept to record seeding dates, seed mixtures used, seeding rates, cover crop used, and planting conditions. These records are used to evaluate previous plantings and to better prepare future plantings.
8. Mowing – Maintenance mowing of new prairie seeding projects is carried out as needed throughout the first and second year.
9. Chemical control for noxious weeds – herbicides are used by either hand or truck mounted sprayers depending on size and location of noxious weeds and performed in house by certified pesticide applicators. (Property Owners may apply for a “No Spray Agreement.
10. Tree & Brush Control – Lee County relies on mechanical methods for brush control. Brush cutters, excavators, chainsaws, and chippers are utilized on removing trees and brush that pose a safety hazard to the public and/or affect the safety characteristics of the roadway within county right-of-way. Areas cleared of trees and brush are followed up with herbicide applications of brush killer and or a tordon equivalent product, depending on timing and schedule of workload.

VIII. Material Procurement

A. Sourcing

1. Seed, fertilizer, mulch, and other materials needed for IRVM practices are purchased at fair market value through reliable vendors. Material pricing is reviewed annually after contacting the area vendors to provide quotes on the needed items for the coming year. This review is done to purchase the products at the best price possible and to meet our needs. Lee County does and will continue to participate in LRTF grant process for native seeds.

B. Material Handling and Storage

1. Materials are to be stored in a sheltered area when possible. Critical items like seed are purchased on an as needed basis to minimize storage time and an inventory of upcoming seeding projects is made to determine quantity required.

IX. Plan Review

- A. This is a flexible plan requiring common sense interpretations, with changes as necessary to fit the ever-changing complex circumstances realized in roadside vegetation management.

Ron Fedler
Ron Fedler, Lee County Board of Supervisors Chairperson

3-10-20
Date

Tom J Pollpeter
Tom Pollpeter, Lee County Conservation Board President

3-10-20
Date

Benjamin J. Hull
Benjamin J. Hull, P.E., County Engineer

3-10-20
Date

Nathan Unsworth
Nathan Unsworth, Lee County Conservation Director

3-10-20
Date

Appendices

Equipment List

EQUIP #	DESCRIPTION	YEAR	Condition
16.3	2018 CHEVY SILVERADO 2500	2018	GOOD
19.2	88 TRAILMOBILE TANK	1988	POOR
23.9	2011 FORD F250 TRUCK	2011	FAIR
25.3	2005 F150 FORD PICKUP	2005	FAIR
28	2012 UTILITY TRAILER	2012	GOOD
32.9	2011 FORD F250 TRUCK	2011	FAIR
40.4	2007 FORD 1/2 TON TRUCK	2007	POOR
41.6	2018 CHEVY SILVERADO 2500	2018	GOOD
46.4	2015 FORD CREW CAB PICKUP	2015	GOOD
50.1	AMERICAN DISK-RETRIEVER	2000	FAIR
50.2	AMERICAN DISK-RETRIEVER	2000	FAIR
56.1	2000 VERMEER BRUSHCHIPPER	2000	FAIR
63.1	DR FIELD & BRUSH MOWER	1999	FAIR
70.1	STIHL TRIMMER	1987	POOR
70.2	STIHL TRIMMER	1998	FAIR
70.3	CHAIN SAW	1993	FAIR
70.4	CHAIN SAW	1981	POOR
70.7	CHAIN SAW- STIHL	2003	FAIR
70.8	CHAIN SAW- STIHL	2003	FAIR
71	CHAIN SAW	1996	POOR
73.3	2005 CASE/IH TRACTOR	2005	POOR
74.1	2003 CASE IH TRACTOR	2003	POOR
75.2	2004 JD TRACTORW/MOWER	2004	FAIR
77.1	SCHULTE ROTARY MOWER	2004	POOR
78.1	SCHULTE ROTARY MOWER	2002	POOR
79.3	SCHULTE ROTARY MOWER	2016	FAIR
80.3	2016 CASE IH 125 TRACTOR	2016	GOOD
88.1	2007 JOHN DEERE W/BOOM AX	2007	POOR
91	SCHULTE ROTARY MOWER	2007	FAIR
92	TANK- 1000 GALLON	1995	POOR
92.1	08 CASE IH MOWER TRACTOR	2008	FAIR
94.1	2000 TOWMASTER TRAILER	2000	POOR
120.1	100 GAL-PCO SPRAYER/SEED	2015	GOOD
142	200 GALLON SKID SPRAYER	2017	GOOD

Lee County Secondary Roads Application for Permit to Construct Private Entrance

APPLICANT INFORMATION:

DATE _____

Landowner Name _____ Phone _____

Address _____ City _____ State _____ Zip _____

LOCATION: _____ Qtr, Sec _____, Twp/Rge _____ Township name, _____

_____ Description of Location

Location marked by _____ Side of Road: N S E W

Entrance is access to: Field House Farm Building House to be Constructed _____

- THE LANDOWNER AGREES THAT IF THIS PERMIT IS APPROVED THE FOLLOWING STIPULATIONS SHALL GOVERN:**
1. It is understood and agreed that this application does not mean that approval shall be granted.
 2. The landowner shall furnish and have delivered to the job site a new zinc coated corrugated metal pipe, or Engineer approved equal or purchase pipe through Lee County.
 3. If the pipe has to be lengthened at a later date, the additional pipe and connecting bands shall be furnished by the landowner at no cost to Lee County.
 4. The landowner shall notify the County Engineer's Office when the pipe has been delivered.
 5. Lee County (WILL) (WILL NOT) cover the pipe. If Lee County will cover the pipe with dirt, it will be done when county equipment is working in the area.
 6. Lee County will not surface the entrance with crushed stone; however, crushed stone may be added by the landowner at his expense if desired.
 7. If the landowner constructs the entrance, he shall notify the County Engineer's Office forty-eight (48) hours prior to the start of construction within the right of way.
 8. The pipe shall become the property of Lee County after installation and Lee County shall maintain the drive and pipe within the right of way.
 9. Section 318.8 Code of Iowa requires that all work performed under this permit to be in conformity with the specifications of the I.D.O.T. If the landowner does not conform to these specifications, Lee County shall remove the entrance at the landowner's expense.

X _____
Landowner Signature Date

COUNTY USE ONLY

ROAD SURFACE: _____ Paved _____ Granular

DRY FILL: _____ **CULVERT DIAMETER:** _____ **PIPE LENGTH:** _____

EXTENSION TO PRESENT: _____ **CULVERT DIAMETER:** _____ **PIPE LENGTH:** _____

LANDOWNER RESPONSIBLE FOR: _____ **PERMIT VALID UNTIL:** _____

COST

Pipe _____

Band _____

Installation _____

Total \$ _____

Approved by: _____
Lee County Engineer Date

Once payment has been received by the county, your entrance will be scheduled for installation.
Remit payment to: Lee County Engineer, P.O. Box 158, Ft. Madison, IA 52627

RESOLUTION NO. 2012 – 73

SECONDARY ROAD DEPARTMENT
POLICY AND PROCEDURE MEMORANDUM
EFFECTIVE: May 9, 2012

SUBJECT: NEW ENTRANCES
AND DRIVEWAYS



Upon application by the property owner for the establishment of an entrance in a location where no previous entrance existed, the following policy and procedures shall apply:

1. The property owner shall file a copy of the entrance application form with the County Engineer. The County Engineer or his representative will view the location and determine if there is adequate site distance, correct slope between the road and right of way line and all other physical features about the site.

If the application is approved, the County Engineer will determine if a culvert is required, the size of culvert opening required the length of culvert required and who shall haul and place dirt.

The landowner shall receive one copy of the completed application.

2. The County Engineer will determine the length of culvert based on the following minimum entrance top widths:

Residence entrance	20 feet
Farm building entrance	20 feet
Field entrance	20 feet
Double field entrance	40 feet

Lengths required for side slopes shall be added to the above entrance widths as follows:

- Shallow fills — the depth of ditch times four
- Deep fills — the depth of ditch times six

The Side slope requirements along paved roads and roads with average daily traffic counts in excess of 400 vehicles shall be the depth of the ditch times 16 for the earth fill, changing to 12 times the depth of the ditch at the drainage culvert and continuing the side slopes at 6 to 1 to the clear zone limit or right of way which ever is less.

3. The property owner shall furnish and have delivered to the site the size and length of culvert specified by the County Engineer. The culvert shall be zinc coated corrugated metal pipe or Engineer approved equal.

If the required size is available in stock, Lee County will sell the culvert to permit holders at the current price plus 15% for handling charges.

If the County constructs the entrance, the cost of installation for a single drive shall be as follows:

- A. Adjacent to Gravel or Dirt roads: 20 foot top \$600.00
Costs of construction of entrances with over a 20 foot top, depth of fill over 4 feet and right of way greater than 33 feet will be prorated in accordance with current costs
- B. Adjacent to Paved roads: 20 foot top \$1300.00
Costs of construction of entrances with over a 20 foot top, depth of fill over 4 feet and right of way greater than 50 feet will be prorated in accordance with the current costs.

All costs shall be prepaid before installation by the County. Installation will be done when good dry dirt is available and when County equipment is working in the area.

4. The County Engineer's Office shall be notified forty-eight (48) hours prior to the start of construction within the right of way if the property owner decides to construct the entrance.

If the property owner purchased the culvert from Lee County and it is delivered to the site, it shall no longer be the responsibility of Lee County concerning theft or mysterious disappearance. The County will attempt to contact the property owner when the culvert is to be delivered.

5. Section 318.8 of the Code of Iowa requires that all work performed under the entrance permit to be in conformity with the Specifications of the Department of Transportation. If the property owner does not conform to the specifications, Lee County shall remove the entrance at the property owner's expense.
6. If a property owner requests that an entrance be widened, the additional culvert and connecting bands shall be furnished by the property owner at no cost to Lee County. If the required size is available in stock, Lee County will sell the culvert to permit holders at the current price plus 15% for handling charges. Installation cost by Lee County shall be proportionate to the cost of new driveways.
7. The culvert shall become the property of Lee County after installation and Lee County shall maintain the drive and pipe within the right-of-way.
8. Lee County will not surface the entrance with crushed stone; however, the property owner may add crushed stone at no cost to Lee County. A separate permit is required to pave the entrance within county right-of-way. Lee County will not maintain the crushed stone surfacing or paved surface on entrances within the right of way.

NOW, THEREFORE, BE IT RESOLVED, that the Lee County Board of Supervisors hereby approves the New Entrances Policy for the Lee County Secondary Road Department:

Passed and approved this 9th day of May, 2012

**Lee County Secondary Roads
Work In County Right of Way
Application/Permit**

Applicant is hereby requesting approval to perform work within County road right of way to do grading, build, and/or modify drainage structures.

Applicant/Company Name: _____

Date _____ Telephone No. _____

Street Address: _____

City, State, & Zip: _____

Work to be performed is located in Section _____, Township, _____, Range _____.

Description and address of location: _____

Description of proposed work: _____

Plat of proposed underground construction showing location and other pertinent information, shall be attached to each copy of the application.

AGREEMENTS: The utility company, corporation, or individual making application agrees to the following permit requirements.:

1. The applicant shall take all reasonable precautions during construction and future maintenance to protect and safeguard the lives and property of the traveling public and shall save the County harmless of any damage or losses that may be sustained by the traveling public on account of such construction or maintenance operations.
2. The applicant shall hold the County harmless of any damage that may result to said highway because of the construction or maintenance of the facility, and shall reimburse the County for any expenditures that the County may have to make on said highway on account of said applicant's construction.
3. The applicant, and his contractor, shall carry on construction and maintenance with serious regard to the safety of the public. The County may loan the required signs to the applicant who shall be responsible for placing the signs and covering or removing them when not in use. Flagging operations are the responsibility of the applicant. The applicant shall return the signs upon completion of the construction operation.
4. The applicant shall fertilize, seed and mulch all disturbed areas within the highway right-of-way and shall be responsible for the vegetative cover until it becomes well established. Any surfaced areas such as driveways or shoulders and sodded waterways which are disturbed shall be restored to their original condition.
5. If the proposed work results in a pool of water on the applicant's property, this pool of water will be exclusively owned, controlled, and maintained by the applicant. That part of the modification located on highway right-of-way will be maintained by the County for road purposes only.
6. The applicant shall maintain any drainage structure built within the right-of-way that is built for the benefit of the applicant and not necessary for highway use.

7. This permit is subject to any laws now in effect or any laws which maybe hereafter enacted and all applicable rules and regulations of local, state, and federal agencies. If the Board of Supervisors have by resolution or ordinance set forth more restrictive terms than this permit, those terms shall apply.
8. This permit is subject to all the rules and regulations of the County and revocation by the Board of Supervisors at any time when, in the judgment of the Board, it is necessary in the improvement or maintenance of the highway or for other reasonable cause.
9. The applicant agrees to give the County forty-eight (48) hours notice of intention to start construction or to perform maintenance on the highway right-of-way. Said notice shall be made in writing to the County Engineer. Any modification to the proposed work shall be approved by the County Engineer prior to making the change.
10. All proposed work covered by this permit shall be at the applicant's expense.
11. If the construction is not performed or maintained in conformance with this permit, notice may be given to make the necessary changes. If those changes are not made, the County may exercise its rights under Section 318.8, Code of Iowa. If the issuance of this permit results in the placement of any object on the County right-of-way, the County can, at any time, require the removal of that object without cost to the County.
12. The following special requirements shall apply to this permit: _____

Name of Individual or Company

Signature of Applicant

**APPROVED UNDER AUTHORITY OF BOARD
 OF SUPERVISORS, LEE COUNTY, IOWA**

Lee County Engineer

Date _____

This construction will be completed on or before _____

Permit No _____

**Application for Use of Lee County Secondary Road
Right-of-Way for Utilities/Tile Line Accommodation**

Applicant: _____
(Name of Owner)

(Address) (City) (State) (Zip)

**Lee County Board of Supervisors
Fort Madison, Iowa**

Gentlemen:

Approval is hereby requested for the use of Secondary Road _____

in Section _____, Township _____, Range _____, Lee County, _____ Miles,

from _____ from _____
(Direction) (Place, Town, Etc.)

for the accommodation of a(n) _____

for the transmission of _____

The installation shall consist of _____
(Detailed Description)

Minimum depth or cover within public right-of-way shall be _____ inches.

Plat of proposed underground construction showing location and other pertinent information, shall be attached to each copy of the application.

AGREEMENTS: The utility company, corporation, applicant, permit holder or licensee, (hereinafter referred to as the permit holder) agrees that the following stipulations shall govern under this permit.

1. The location, construction and maintenance of the utility/tile line installation covered by this application shall be in accordance with all county, state, and federal laws; franchise rules and regulations; regulations and directives of the Iowa State Commerce Commission, Utilities Division; the Department of Water, Air and Waste Management; all rules and regulations of Lee County and any other laws or regulations applicable or which may be hereinafter enacted.

2. The permit holder shall be fully responsible for any future adjustments of its facilities within the established highway right-of-way caused by highway construction or maintenance operations by Lee County irrespective of whether or not additional right-of-way is acquired in connection with such highway improvement. The permit holder agrees to do this promptly on order by the Board of Supervisors. If the permit holder is unable to comply promptly, the County may cause the work to be done, and the permit holder will pay the cost thereof upon receipt of statement.

3. The County will endeavor to give the permit holder sufficient notice of any proposed construction or maintenance work, on either existing or newly acquired right-of-way, that is likely to expose, cover up, or disturb its facility, in order that the permit holder may arrange to protect its lines. The County will inform contractors, and others working on the job, of the location of the lines so that reasonable care may be taken to avoid damaging the lines. The County assumes no responsibility, however, for failure to give such notice.

4. The permit holder shall take all reasonable precautions during the construction and maintenance of said installation to protect and safeguard the lives and property of the traveling public and adjacent property owners and shall save the County harmless of any damage or losses that may be sustained by the traveling public or maintenance operations.

5. The permit holder agrees to give the County forty-eight (48) hours notice of intention to start construction on the highway right-of-way. Said notice shall be made in writing to the County Engineer.

6. Flagging operations are the responsibility of the permit holder. The original placement of signs and removal on completion of the work shall be accomplished by the permit holder.

7. The permit holder shall be responsible for any damage that may result to said highway because of the construction operation or maintenance of said facility, and shall reimburse the County any expenditure that the County may have to make on said highway because of said Permit Holder's facility having been constructed, operated and maintained thereon.

8. The permit holder shall indemnify and save harmless the County from any and all causes of action, suits at law or in equity, or losses, damages, claims, or demands, and from any and all liability and expenses of whatsoever nature for, on account of, or due to the acts or omissions of said Permit Holder's officers, members, agents, representatives, contractors, employees or assigns arising out of or in connection with its (or their) use or occupancy of the public highway under this permit.

9. Non-compliance with any of the terms of the County policy, permit or agreement, may be considered cause for shutdown of utility/tile line construction operations or withholding of relocation reimbursement until compliance is assured, or revocation of the permit. The cost of any work caused to be performed by the County in removal of non-complying construction will be assessed against the permit holder.

10. This application is subject to revocation by the Board of Supervisors at any time, when in the judgment of the Board it is necessary in the improvement or maintenance of the highway or for other reasonable cause.

11. The following special requirements shall apply to this permit.

Name of Company
By _____
Name Title
Address _____
Date _____ Phone _____

**APPROVED UNDER AUTHORITY OF BOARD
OF SUPERRVISORS, LEE UNTY, IOWA**

Lee County Engineer or
Assistant County Engineer
Date _____

(3 copies of the application and plat must be filed with the County Engineer, Fort Madison, Iowa, for each underground construction project on County right-of-way.)

The construction shall be completed on or before _____

LEE COUNTY SECONDARY ROADS NO SPRAY AGREEMENT

I, _____, hereby request that the Lee County Secondary Road Department refrain from applying pesticides / herbicides in the road right-of-way adjacent to my property, located on the _____ side of the road in Section _____ of _____ Township along _____. (road name)

In return I agree to cut, burn or otherwise destroy all Noxious Weeds and prevent new growth or regrowth of trees and brush. The County may need to remove trees and brush that adversely affect the road in any way.

I understand that other parties (electric, gas, phone, etc.) may apply pesticides / herbicides and cut trees and brush within the road right-of-way and that Lee County shall not be responsible for actions of others.

If I fail to control unwanted vegetation as per this agreement, the county may have to destroy such vegetation in any way that is practical.

This agreement is for one year (growing season). It is my responsibility to post "No Spray" signs furnished by the county and to ensure the signs remain visible.

Signed this _____ day of _____, _____.

(owner)

(owner)

(address)

(phone number)

(address)

Approval is hereby given from the below date to the end of the current calendar year. It is the applicant's responsibility to submit a renewed application by Jan 1, 20_____.

Lee County Engineer

(date)

**LEE COUNTY SECONDARY ROADS
NO MOWING AGREEMENT**

I, _____, hereby request that the Lee County Secondary Road Department refrain from mowing in the road right-of-way adjacent to my property, located on the _____ side of the road in Section _____ of _____ Township along _____. (road name)

In return I agree to cut, burn or otherwise destroy all Noxious Weeds and prevent new growth or regrowth of trees and brush. The County may need to remove trees and brush that adversely affect the road in any way. The County may continue to mow shoulders as determined necessary to maintain safe travel.

I understand that other parties (electric, gas, phone, etc.) may apply pesticides / herbicides and cut trees and brush within the road right-of-way and that Lee County shall not be responsible for actions of others.

If I fail to control unwanted vegetation as per this agreement, the county may have to destroy such vegetation in any way that is practical.

This agreement is for one year (growing season). It is my responsibility to post "No Mow" signs furnished by the county and to ensure the signs remain visible.

Signed this _____ day of _____, _____.

(owner)

(owner)

(address)

(phone number)

(address)

Approval is hereby given from the below date to the end of the current calendar year. It is the applicant's responsibility to submit a renewed application by Jan 1, 20_____.

Lee County Engineer

(date)