

SAC COUNTY UTILITY PERMIT APPLICATION

This is a Utility Permit Application for telecommunications, electric, gas, water and sewer utilities. The applicant agrees to comply with the following permit requirements. The County reserves the right to inspect and approve any construction work performed within its right-of-way as it relates to the condition of the highway; compliance shall be determined by the sole discretion of the County Engineer. These requirements shall apply unless waived in writing, due to unique local conditions, by the County Engineer prior to installation; any such waiver shall be attached to the permit. This permit is not intended to conflict with any utility owner's rights or duties mandated in Chapters 388, 390, 474, 476, 476A, 477, 478, 479, 479A, and 480 or by the Iowa Utility Board or other state or federal regulations.

Applicant Name: _____

Street Address: _____

City, State & Zip Code: _____

Telephone Number: _____ FAX: _____

Contact Person: _____

Type & Size of Line or Cable _____

Brief Description (type facility, location) _____

1. **Location Plan.** An applicant shall file a complete location plan as an attachment to this Utility Permit Application. The location plan shall set forth the location of the proposed line on the secondary road system and include a description of the proposed installation.
2. **Notice to Proceed.** At least two (2) working days prior to the proposed installation, an applicant shall file with the County Engineer a notice stating the time, date, location, and nature of the proposed installation.
3. **Inspection.** The County Engineer may provide an inspector during the installation of all lines to insure compliance with this Utility Permit. The inspection shall be limited to any construction work performed within the right-of-way as it relates to the condition of the right-of-way; the utility facility owner shall provide reasonable cooperation.
4. **Inspection Fee.** Upon approval of the application, the Utility Permit will be issued by the County Engineer contingent upon the applicant's agreement to pay the actual costs directly attributable to the installation inspection, if any, conducted by the County Engineer or his designee.
5. **Requirements.** The applicant shall meet the following requirements:

A. Construction signing shall comply with the Manual on Uniform Traffic Control Devices.

B. The minimum cover of utility facilities in the right-of-way shall be:

- (1) 48 inches for electrical cables
- (2) 30 inches for communication cables
- (3) 60 inches for water lines
- (4) 36 inches for all other underground facilities

In critical situations where necessary cover cannot be obtained, other protective measures may be approved. The County reserves the right to waive the minimum depth of installation where rocky terrain and/or other circumstances makes it difficult to obtain the desired depth. The County shall determine the minimum depth in these situations. The County Engineer may require additional depth in areas identified being silted or scheduled for future excavation.

C: The applicant shall use reference markers in the right of way ("R.O.W.") boundary to locate line and changes in alignment.

D: All tile line locations encountered during construction shall be protected in accordance with I.A.C. 199-9.2(479) Contact the Drainage Clerk in the Sac County Auditors Office for information on Drainage District Tiles and Ditches. Contact the Sac County Engineers Office for information available on other tile lines.

E. No underground utility lines shall cross over a driveway or cross-road drainage structure unless approved on the plan.

- F. Residents along the utility route shall have uninterrupted access to the public roads. An all-weather access shall be maintained for residents adjacent to the project.
- G. A joint assessment of the road surfacing may be made by the applicant and the County Engineer both before and after construction. After construction, granular surfacing shall be added to the road at the applicant's cost, if necessary, to restore the road to its original condition. After surfacing has been applied, the road surface may be jointly reviewed by the County Engineer and the applicant once the road has been saturated, to determine if additional surfacing on the roadway by the applicant is necessary.
- H. Areas within the R.O.W. damaged by the installation shall be repaired and restored to at least its former condition by the applicant or the cost of the repair work caused to be performed by the County will be assessed against the applicant.
- I. Areas disturbed during construction which create an erosion problem shall be solved by the applicant in a manner approved by the County Engineer.
- J. All trenches, excavations, and utilities that are knifed shall be properly tamped.
- K. All paved road crossings shall be bored. The depth below the road surface shall be a minimum depth of 48 inches for all utility facilities. On roads not paved, cables may be knifed in meeting the cover requirements of 5.B.

6. Non-conforming Work. The County Engineer may halt the installation at any time if the applicant's work does not meet the requirements set forth in this Utility Permit.

7. Emergency Work. In emergency situations, work may be initiated by an applicant without first obtaining a Utility Permit. However, the County Engineer shall be notified via telephone or FAX as soon as possible and a Utility Permit must be requested with five (5) days of initiation of the work. All emergency work shall be done in conformity with the provisions of this permit and may be inspected for full compliance.

8. County Infraction. Violation of this permit is a county infraction under Iowa Code section 331.307, punishable by civil penalty for each violation.

9. Hold Harmless. The utility company shall save this County harmless from any damages resulting from the negligence of the applicant. A copy of a certificate of insurance naming this County as an additional insured for the permit work or proof of self-insurance shall be provided to the County Engineer prior to installation. The minimum limits of general & auto liability under the insurance policy or proof of self-insurance shall be \$1,000,000.

10. Permit Required. No applicant shall install any lines unless such applicant has obtained a Utility Permit from the County Engineer. Applicants agree to hold the County free from liability for all damage to applicant's property which occurs proximately as a result of the applicant's failure to comply with said ordinances or requirements.

11. Relocation. The applicant shall, at any time subsequent to installation of utility lines, at the applicant's own expense, relocate or remove such lines as may become necessary to conform to new grades, alignment or widening of R.O.W. resulting from maintenance or construction operations for highway improvements.

12. Term of Permit. In accordance with Section 320.5 of the Code of Iowa, applicable gas mains and water mains described in Section 320.4 shall be granted a permit for a period not to exceed twenty (20) years. At the end of the twenty years, if neither of the parties object in writing, the permit will automatically renew itself.

Date_____

NAME OF COMPANY

BY

APPROVAL:

Certificate of Insurance on file
or attached

DATE_____

COUNTY ENGINEER

Drainage District

Sent to Renee – Drainage Clerk

REVISED Monday July 21, 2008

Maintenance Superintendent
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Maintenance Shop
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Shop: 712-662-7556

Office of
Nick Buse, P.E.

Sac County Engineer

499 North 19th Street
Sac City, IA. 50583

Assistant to Engineer I
Preston Jacobs
Assistant to Engineer II
John J. Weber
Office Manager
Kelsey Dahm
Telephone
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Fax: 712-662-4746

REQUIREMENTS FOR CABLE

PLOWED IN SAC COUNTY ROADS

In Shoulder of Road

1. Notify the County 48 hours before starting construction. On gravel roads the gravel windrow will be bladed to the opposite shoulder by the county.
2. Locate all cross-road culverts and intake 48 hours before cable will be placed so the County can review.
3. On paved roads, a minimum distance of 3' horizontally must be maintained between the actual cable placement and the edge of the pavement.
4. On gravel roads the cable shall be placed between the edge of the graveled portion of the roadbed and a maximum distance of 2' into the gravel surfacing.
5. At dry culverts start bore from the shoulder. Maintain a minimum depth of 5' below the flowline of the culvert for a distance of 20' each side of the culvert. (See boring layout for dry culverts.) Locate tile be probing alignment and depth to assure bore will not damage the tile line. Extend length and depth of bore to avoid tile.
6. At culverts that normally have water running through them, start bore from the shoulder far enough back so a minimum depth of 5' can be obtained for a distance of 60' beyond the outer most edge of the culvert. (See boring for wet culverts.) Locate and avoid damage to the tile lines.
7. Cooper cable may be plowed over tile lines in the shoulder (unless it is a Drainage District tile) if there is sufficient cover over the tile lines to prevent damage. If cable can't be placed over the tile, follow the requirements for culverts.
8. At bridges, bore down and away from the centerline of the road starting a minimum of 120' each way from the end of the bridge. (See boring layout for bridge of more details.)
9. Whenever cable leaves the shoulder of the road, it shall be open cut or trenched to assure tile lines are not disrupted. Shoulders shall be reconstructed to match existing shoulders, but also be high enough to prevent water from washing away the disturbed soil in the shoulder and fore slope.
10. For projects less than 2 miles in length, the County Engineer's Office may allow open cutting or trenching around culverts. Contact the office for additional information.
11. Before crossing any Drainage District open ditch or tile facility, the contractor shall contact the Sac County Auditor's Office 712-662-7310 for Drainage District permits application and instructions. The Drainage District normally requires all Drainage District facilities to be bored.
12. Any change from the above requirements or from the approved permit must be in writing by the County Engineer's Office.

In the Ditch Bottom and Back Slope

1. Notify the County 48 hours before starting construction.
2. Before crossing any Drainage District open ditch or tile facility, the contractor shall contact the Sac County Auditor's office at 712-662-7310 for Drainage District permits application.
3. Applicant shall notify the landowners of both sides of the road of the proposed project as to the extent of the project. Landowners shall be given adequate time to locate any private tile within the project limits.

Maintenance
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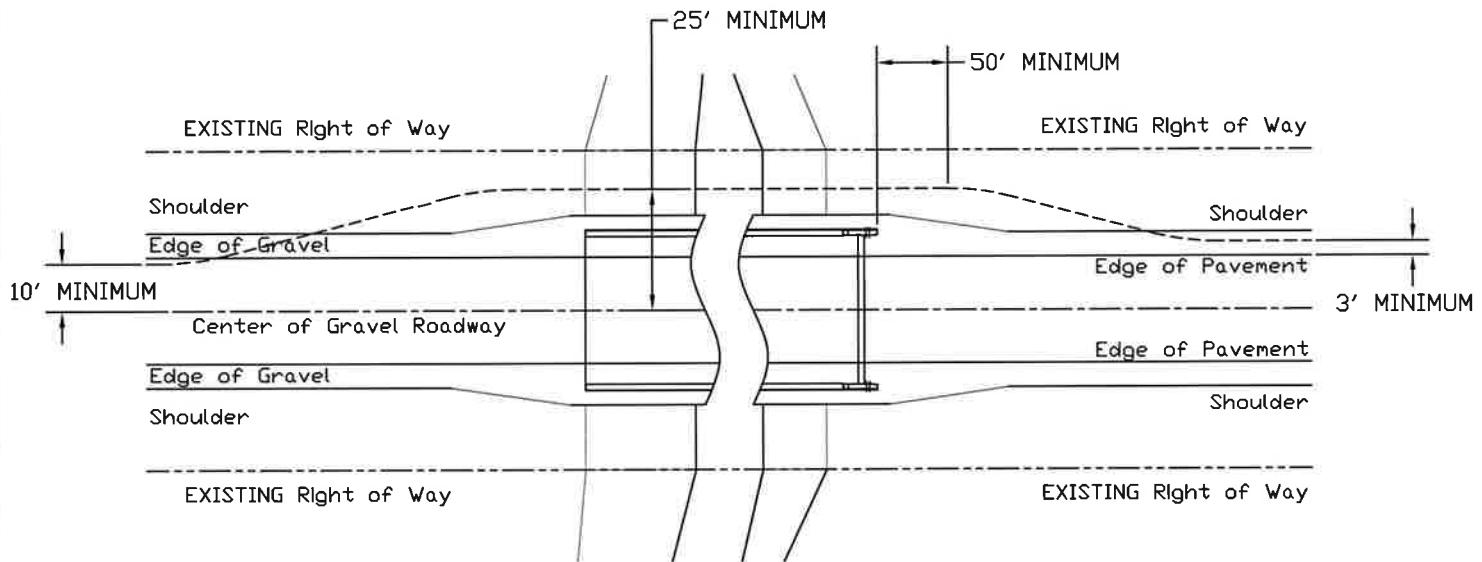
Sac County Engineer

499 North 19th Street
Sac City, IA. 50583

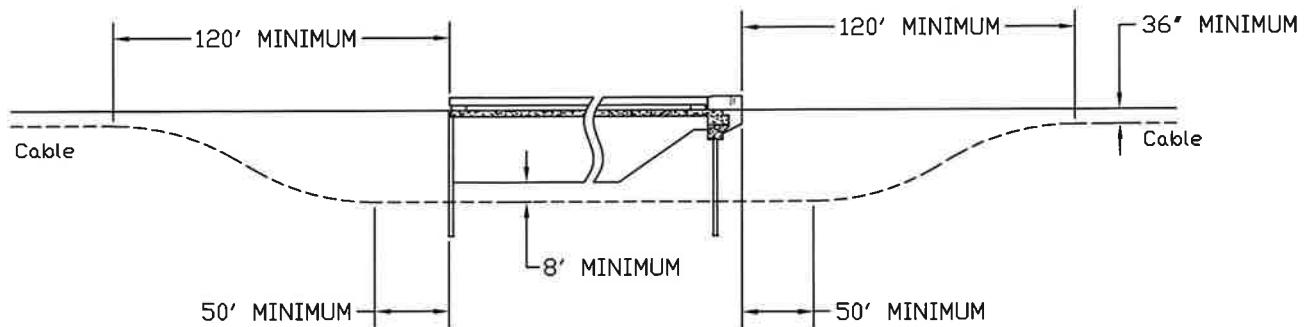
Assistant to Engineer I
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BORING LAYOUT FOR BRIDGE



BORING PROFILE FOR BRIDGE



8' MINIMUM BELOW FLOW LINE OF DRAINAGE CHANNEL AT 25' FROM CENTER LINE ROADWAY

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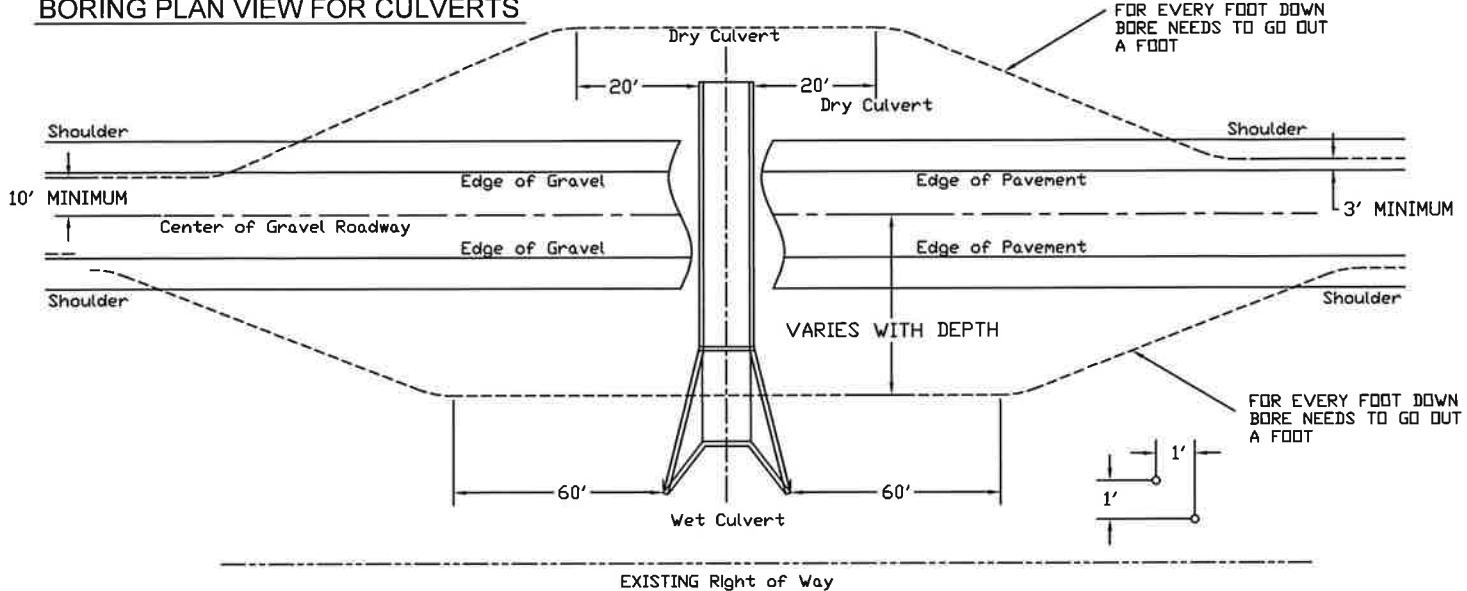
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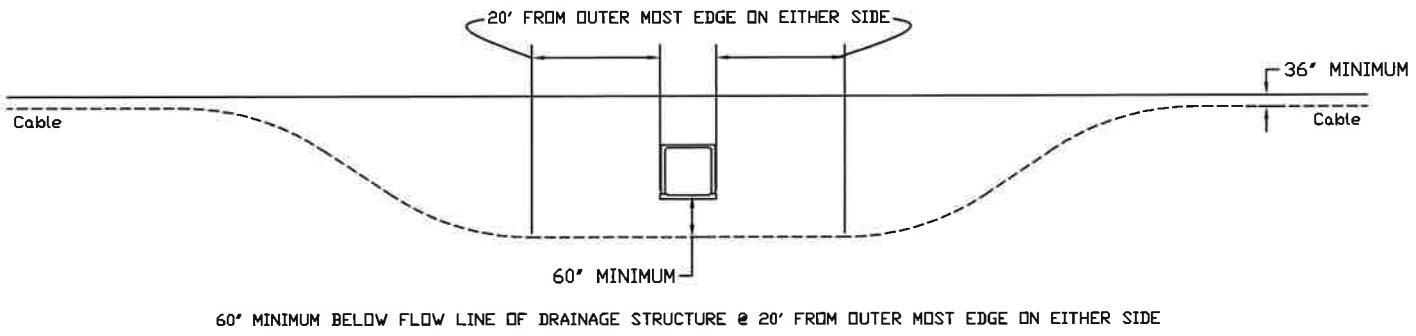
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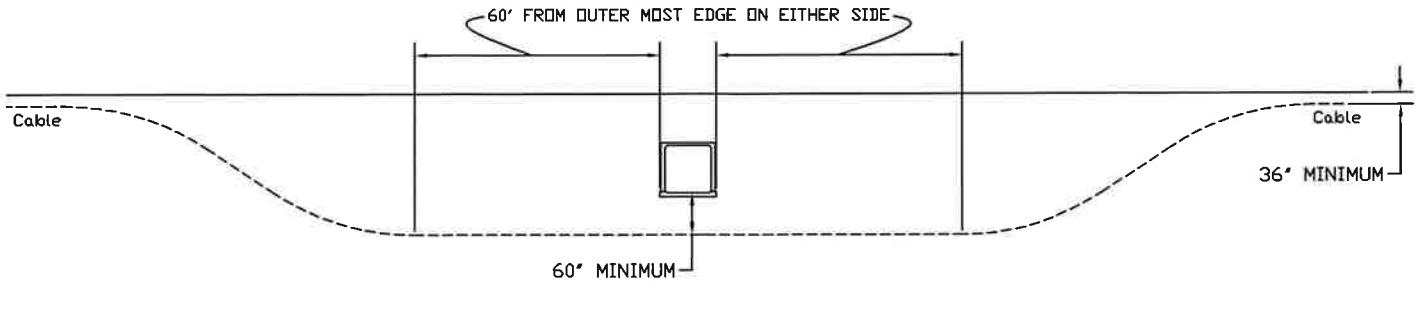
BORING PLAN VIEW FOR CULVERTS



BORING LAYOUT FOR DRY CULVERT



BORING LAYOUT FOR WET CULVERT



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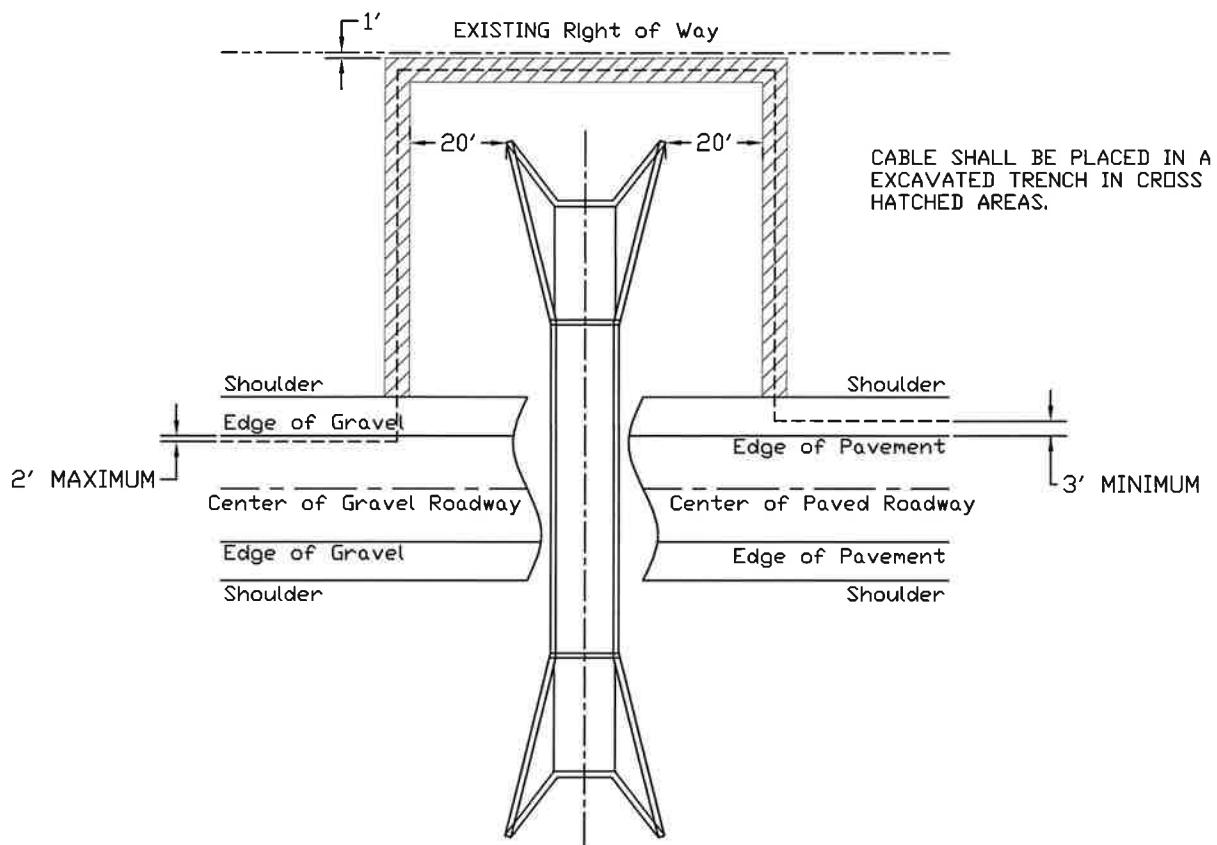
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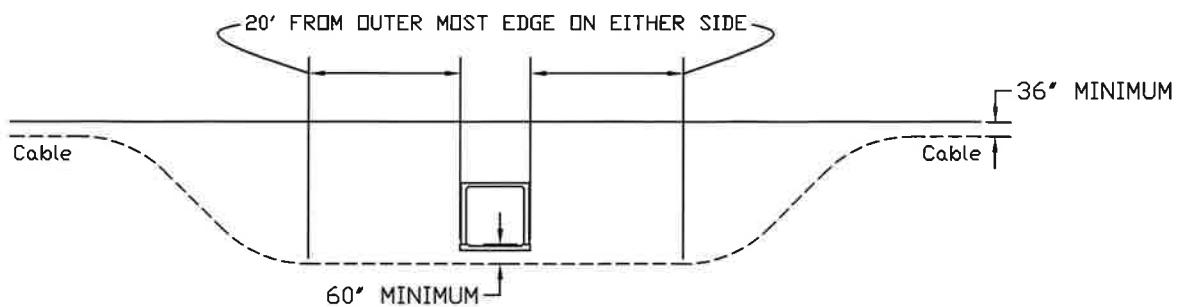
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OPEN CUT OR TRENCH LAYOUT FOR CULVERT

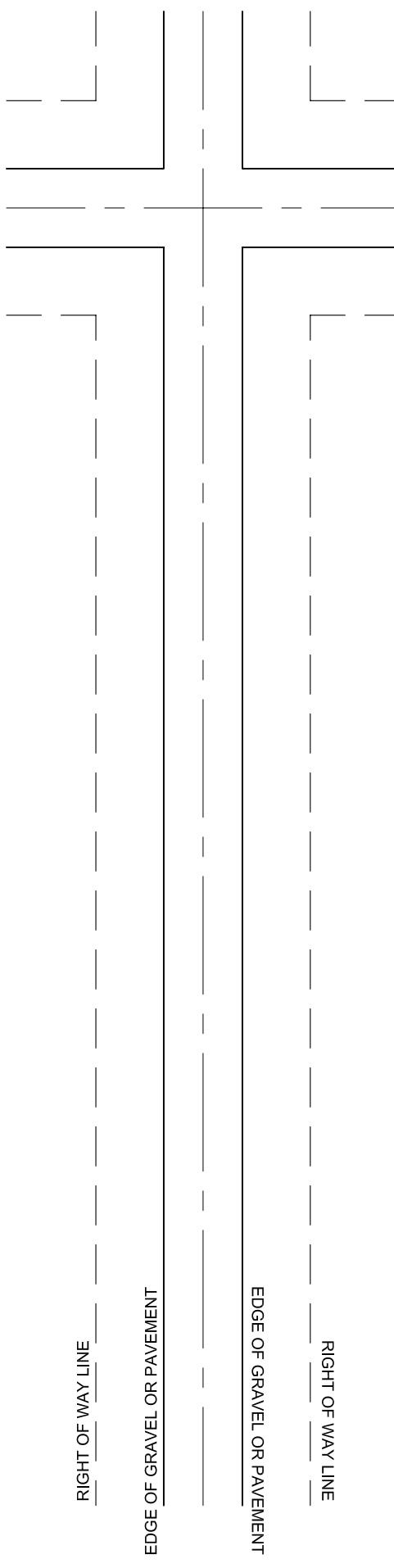
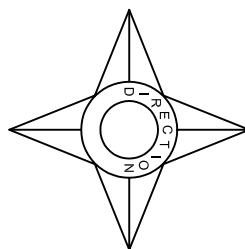


OPEN CUT/TRENCHING PROFILE FOR CULVERT



60' MINIMUM BELOW FLOW LINE OF DRAINAGE STRUCTURE @ 20' FROM OUTER MOST EDGE ON EITHER SIDE

UTILITY LOCATION PLAN VIEW



SHOW

1. Distance from edge of gravel / pavement or right of way line to utility line.
2. Street and cross street or avenue name.
3. North direction.
4. Distance from intersection.
5. Size and type (material) of utility line.
6. Cross road culverts (size and distance).