IOWA OVERHEAD WIRELINE CROSSING

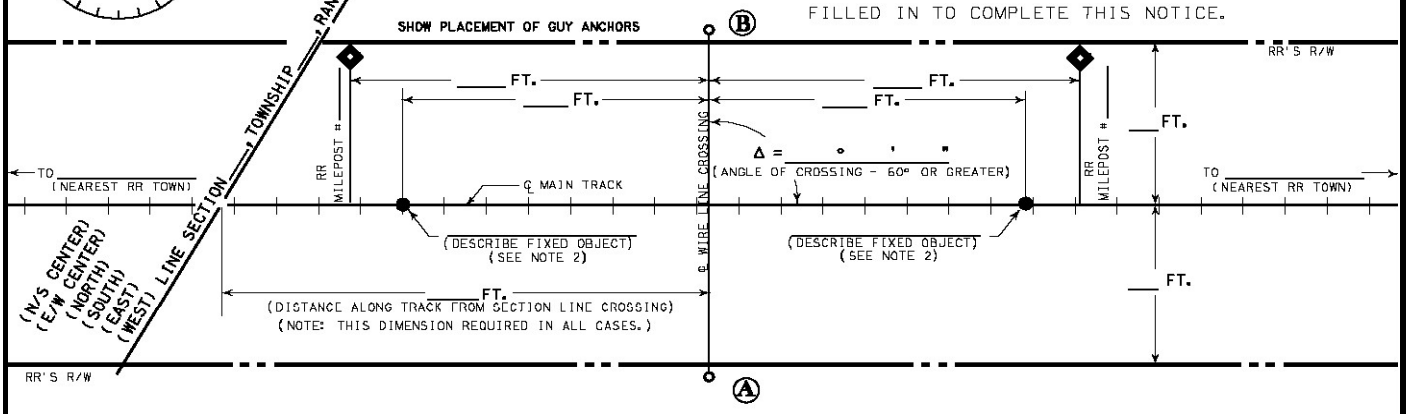
PLACE ARROW INDICATING NORTH DIRECTION RELATIVE TO TRACK

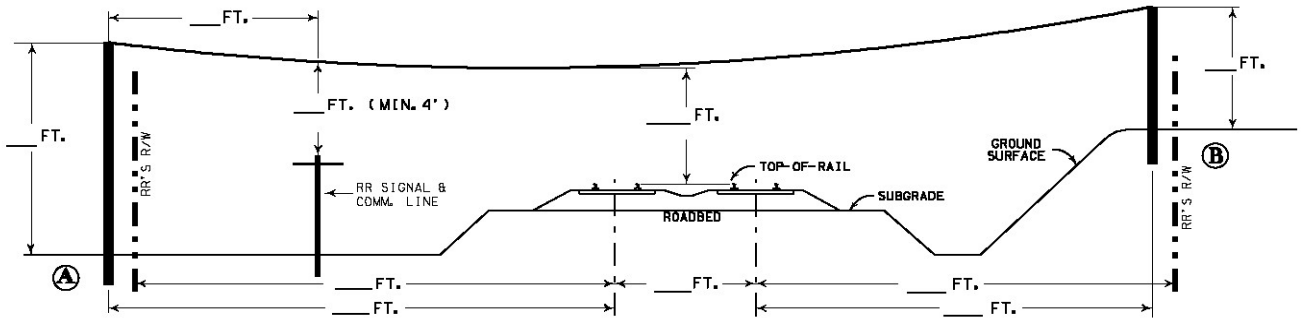
NO SCALE

SPECIFICATION EXHIBIT NO.

SUBMITTED UNDER IOWA UTILITIES COMMISSION RULE NO. 199-42

NOTE: ONE OR MORE AVAILABLE DIMENSIONS MUST BE FILLED IN TO COMPLETE THIS NOTICE.





CROSS SECTION AB

A) IS WIRELINE CROSSING WITHIN PUBLIC ROAD? _____YES; _____NO;

B) IF YES, NAME OF STREET _____

C) TYPE OF WIRELINE CROSSING: _____ TELEPHONE; _____ TELEVISION; _____ FIBER OPTIC; _____ DISTRIBUTION; _____ TRANSMISSION; OTHER; _____

D) IS THERE A SIGNAL OR COMMUNICATION POLELINE NEAR THE TRACKS? _____

E) CIRCUITS TO BE CARRIED ON PROPOSED WIRELINE:

NO. CIRCUITS	VOLTAGE TO GROUND	VOLTAGE	PHASE	NO. OF WIRES	SIZE	MATERIAL	SOLID OR STRANDED
_____	_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____	_____

F) CROSSING SPAN: LENGTH _____ FT.; MAXIMUM CONDUCTOR SAG _____ IN. AT ____ DEGREES F CALCULATED PER CURRENT NATIONAL ELECTRICAL SAFETY CODE

G) POLES: MATERIAL_____LENGTH_____FT. DEPTH OF SETTING_____FT. HEIGHT ABOVE GROUND_____FT.

H) HEAD GUYS: NUMBER ON EACH POLE_____; SIZE OR STRENGTH_____; LEAD_____.

I) SIDE GUYS: NUMBER EACH WAY_____; SIZE OR STRENGTH_____; LEAD_____.

J) CONDUCTOR ATTACHMENT: TIES OR CLAMPS_____

FOR **RAILROAD REPRESENTATIVE** USE

RAILROAD_____MP_____

SUBDIVISION_____E.S._____

_____, IOWA

(NEAREST STATION) (COUNTY) (STATE)

PHONE:_____RR FILE NO._____

E-MAIL_____

FOR **UTILITY REPRESENTATIVE** USE

UTILITY_____DATE:_____

ADDRESS_____

BY_____PHONE_____

E-MAIL_____

TO BE COMPLETED BY **SMALL UTILITY** AS DEFINED IN THE IUC RULES

I CERTIFY THAT THIS UTILITY QUALIFIES AS A SMALL UTILITY UNDER IOWA UTILITIES COMMISSION RULE 199 IAC 42.1.

SIGNED_____DATE_____

GUIDELINES TO IOWA OVERHEAD WIRELINE CROSSING

1. Horizontal distances, in cross section AB on the Specification Exhibit, to be measured at right angles from centerline of track.

2. Allowable fixed objects include: back walls of bridges, centerline of road crossings and overhead viaducts (give road name), or centerline of culverts.

3. Installation shall be in accordance with Iowa Utilities Commission Rule 199 IAC 42.6.

4. In determining the minimum above top-of-rail clearance, the height of a rail car shall be assumed to be 23 feet instead of the 20 feet presumed for most applications by the American National Standards Institute (ANSI) C-2, the National Electrical Safety Code (NESC).

5. Minimum 4' clearance required above signal and communication lines.

6. The perpendicular distance of poles from the center line of the tracks shall not be less than largest of the following:
    1) unguyed poles shall be located a minimum distance equal to the height of the poles above ground line plus 10 feet. If guys are installed, they shall be placed in a manner that would prevent the pole from leaning or falling in the direction of the tracks,
    2) 50 feet near straight tracks, except for industry track where 10 feet is permitted provided there remains 50 feet from the center line of main line tracks. If located adjacent to curved track, the clearance shall be increased by 1.5 inches per degree of track curvature, and
    3) multi-pole or lattice structured towers, if other structures are used, for electric lines capable of operating 34,500 volts or more shall not be located on railroad right of way.

7. Poles shall be located a minimum distance from overhead railroad signal or communication lines equal to the height of the pole above ground line, or must be guyed at a right angle away from such lines.

8. Crossing shall not be install under or within 500 feet of a railroad bridge, or 300 feet from the centerline of a culvert or switch area.

9. The form specifies that one or more available dimensions are requested, but providing additional dimensions will help the Railroad process the application more quickly.

10. It is recommended that the Railroad be contacted in advance for fiber optic cable and railroad signal locations.

11. Nearest Railroad Town means nearest town on the railroad in each direction. If not known, reference Iowa DOT Rail map at https://iowadot.gov/modes-travel/rail/freight-rail/freight-rail-maps.