

EXHIBIT G

LAKE VIEW EXTENSION AND HUNTINGTON CONNECTION
ACCESS AND DESIGN RELATED REQUIREMENTS

A. Functional Classification.

The Lake View Extension and the Huntington Connection shall each be classified as an "Urban Major Collector Road" pursuant to the standards and requirements of the Administrative Policies of the Illinois Department of Transportation's Bureau of Local Roads and Streets (the "Administrative Policies").

B. General Design Standards.

The Lake View Extension and the Huntington Connection shall be constructed, installed, designed, and maintained in accordance with the Administrative Policies unless explicitly (i) provided otherwise in this Exhibit or in this Agreement, or (ii) authorized in writing by the County Engineer upon the Village's written request.

C. Specific Design Standards.

1. The Lake View Extension and the Huntington Connection shall each be designed, constructed, and installed in accordance with Exhibit H to this Agreement and, except as otherwise depicted on said Exhibit H, to a design speed of not less than 40 miles per hour and in accordance with the following design criteria:

a. Horizontal Curves:

- i. Maximum degree of curve = 10° with .04 feet per foot super elevation.
- ii. Maximum degree of curve = 7° with reverse crown of one inch per foot.
- iii. Maximum degree of curve = 5.25° with normal crown of .25 inch per foot.

b. Super Elevation:

- i. Maximum = .04 feet per foot with no intersections on the curve.

- ii. Maximum = .03 feet per foot with intersections on the curve.
 - c. Vertical Curves:
 - i. K value on crest curves = 80.
 - ii. K value on sag curves = 70.
 - d. Intersection sight distance shall be no less than 570 feet. The Lake County Division Transportation shall review and approve all landscape plans that impact intersection sight distance to ensure compliance with this paragraph.
 - e. The length of horizontal curves shall be no less than 250 feet, except as otherwise approved by the County's County Engineer.
 - f. The length of the tangent between adjacent reverse curves shall be as generally depicted on Exhibit H and as approved by the County Engineer.
 - g. Grades:
 - i. 0.5 percent minimum.
 - ii. 6 percent.
- 2. The Lake View Extension and the Huntington Connection shall each specifically include, without limitation, the following design elements:
 - a. Three lane cross section with an edge to edge pavement width of not less than 36 feet, excluding gutter flag.
 - b. Pavement striping in accordance with the Illinois Manual on Uniform Traffic Control Devices for Streets and Highways, with left turn and right turn lanes striped for all access points.
 - c. B6-12 curb and gutter at the pavement edges.
 - d. Auxiliary lane widths of no less than 12 feet, excluding gutter flags.
 - e. Through lane widths of no less than 12 feet, excluding gutter flags.

D. Access Points and Lane Configurations.

1. Access points to the Lake View Extension and to the Huntington Connection and the lane configuration related to all such access points shall be in accordance with and as depicted on Exhibit H to this Agreement.
2. Residential driveway access to the Lake View Extension and to the Huntington Connection shall be prohibited at all times.
3. At-grade crossings of golf carts and all other non-licensed vehicles of any kind shall be prohibited on the Lake View Extension and on the Huntington Connection at all times.
4. A center barrier median shall be constructed on the Lake View Extension and on the Huntington Connection at all right-in/right-out only access points on either of said two roads to the extent necessary to enforce the right-in/right-out only turning movement limitation.
5. The taper rates for each turn lane on the Lake View Extension and on the Huntington Connection shall be based on the applicable posted speed limit.

E. Lake View Extension/Thoroughfare Intersection.

The required access related improvements at the intersection of the Lake View Extension and the Thoroughfare shall be as follows:

1. One northbound to eastbound right turn lane on the Lake View Extension for traffic onto the Thoroughfare.
2. One northbound to westbound left turn lane on the Lake View Extension for traffic onto the Thoroughfare.

F. Huntington Connection/Thoroughfare Intersection.

The required access related improvements at the intersection of the Huntington Connection and the Thoroughfare shall be as follows:

1. One southbound to eastbound left turn lane on the Huntington Connection for traffic onto the Thoroughfare.
2. One southbound to westbound right turn lane on the Huntington Connection for traffic onto the Thoroughfare.

G. Pavement Structure.

The pavement of the Lake View Extension and the Huntington Connection shall be constructed and installed with a minimum of (i) five inches, type B, aggregate base course; (ii) seven inches bituminous aggregate mixture; (iii) one and one-half inch bituminous concrete binder course; and (iv) one and one-half inch bituminous concrete surface course.

H. Design Plans.

All design engineering plans may be in English measurements and in compliance with the standards and specifications established by the Illinois Department of Transportation.

I. Construction.

1. All construction shall be done in a timely fashion.
2. All construction shall be done so as to minimize delays and interruptions to the motoring public.
3. In the event that any construction is unduly delayed or not done in compliance with the requirements of this Agreement and this Exhibit, the Lake County Division of Transportation shall have the right to draw on the letter of credit posted as a performance guarantee pursuant to Section 6 of the Cuneo Land Management Agreement, and the County shall have the right to use the funds received from said letter of credit to pay for the timely and proper completion of said construction, to reimburse the County for any associated costs incurred at a rate of 130 percent of incurred associated costs, and for all other purposes authorized pursuant to Section 6 of the Cuneo Land Management Agreement.

J. Construction Engineers.

1. Full time on-site construction supervision by one or more Resident Engineers shall be provided.
2. The Resident Engineer shall provide weekly construction reports to the Lake County Division of Transportation and to the Village.

3. The Resident Engineer shall also keep all records and make all such reports as may be required by the Motor Fuel Tax requirements of the Illinois Department of Transportation.
4. The Resident Engineer shall conduct all required materials testing and shall submit the results of all such tests to the County Engineer.

K. County Engineer.

The County Engineer shall have the authority to modify the scope of Lake View Extension and Huntington Connection access and design related requirements set forth in this Exhibit upon the Village's written request and demonstration of good and sufficient cause.

L. Village Requirements.

The Village shall have the authority to require Lake View Extension and Huntington Connection access and design related improvements and criteria in addition to the improvements and criteria required pursuant to this Exhibit; provided, however, that no such additional Village requirements shall conflict or be inconsistent with the terms, conditions, and provisions of this Agreement or of this Exhibit. In the event of any such conflicting or inconsistent Village requirements, the terms, conditions, and provisions of this Agreement and of this Exhibit shall control.