

LINCOLN/LANCASTER COUNTY PLANNING STAFF REPORT
for December 8, 2004 PLANNING COMMISSION MEETING

P.A.S.: Misc #04018

PROPOSAL: To establish sight distance standards for rural build-through intersections by revising the text of Design Standards, Chapter 2.20, Section 3.3.1.c

CONCLUSION: In conformance with the Comprehensive Plan.

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| <u>RECOMMENDATION:</u> | Approval |
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GENERAL INFORMATION:

ANALYSIS:

1. This is a request to amend Chapter 2.20, Rural Public and Intermediate BTA Public Street Design Standards, Section 3.3.1.c to correct a reference to a non-existent Figure RSD - 1, and provide a reference table.
2. This cleans up an oversight of the previously approved and adopted BTA standards package.

Prepared by:

Mike DeKalb, 441-6370, mdekalb@lincoln.ne.gov

DATE: November 17, 2004

APPLICANT: Marvin S. Krout
Director of Planning
Planning Department

CONTACT: Mike DeKalb
Planning Department
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INTER-DEPARTMENT COMMUNICATION

TO Ray Hill
DEPARTMENT Planning
ATTENTION
COPIES TO Dennis Bartels

DATE November 3, 2004
FROM Rick Peo *R. Peo*
DEPARTMENT City Law
SUBJECT Amendment to City of Lincoln
Design Standards

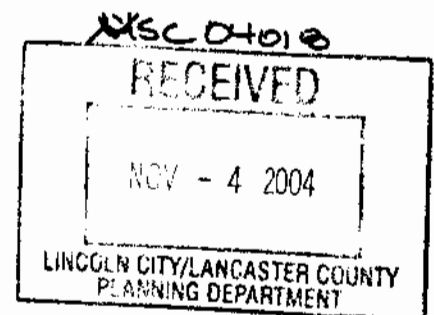
Please find enclosed a draft resolution to amend Section 3.3.1.c of the Rural Public and Intermediate BTA Public Street Design Standards to revise unobstructed sight distance design requirements for intersection on curvilinear streets to correspond with those for Urban Public Streets.

This amendment is necessary as the existing design standards in Chapter 2.20 refer to Figure RSD-1 for determining unobstructed sight distance requirements. However, it appears from investigation that Figure RSD-1 has never been prepared or included as a Figure for the Design Standards. In discussion with Dennis Bartels it is recommended that the best solution would be just to require revisions in Chapter 2.20 to be the same as those in Chapter 2.15.

Please process an application to amend Design Standards and to place them on the Planning Commission agenda.

If you have any questions concerning this matter, please contact me.

ERP/tb



04R-

Introduce:

RESOLUTION NO. A-_____

WHEREAS, the City of Lincoln has previously adopted the City of Lincoln Design Standards by Resolution No. A-80518; and

WHEREAS, a text change to the Design Standards is necessary under Chapter 2.20 - Rural Public and Intermediate BTA Public Street Design Standards; to revise Section 3.3.1.c to revise unobstructed sight distance design requirements for intersections on curvilinear streets to correspond with those for Urban Public Streets.

NOW, THEREFORE, BE IT RESOLVED by the City Council of the City of Lincoln, Nebraska:

That Chapter 2.20, Section 3.3.1.c of the City of Lincoln Design Standards, adopted by the City Council on November 6, 2000 by Resolution No. A-80518, be and the same is hereby amended to read as shown on Attachment "A" which is attached hereto and incorporated herein by reference.

Introduced by:

Approved as to Form & Legality:

City Attorney

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| <p>Approved this ___ day of _____, 2004:</p> <p>_____</p> <p>Mayor</p> |
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Chapter 2.20

**RURAL PUBLIC AND
INTERMEDIATE BTA PUBLIC STREET
DESIGN STANDARDS**

...
3.3 Horizontal Street Alignment

3.3.1. Intersections

...
c. Intersections on Curvilinear Streets

Where a curvilinear street intersects another, a straight tangent section shall be required at the approach to the intersection. The length required for this tangent is dependent upon the radius of the approaching curve and the design speed. The minimum length of this tangent, as measured from the right-of-way of the intersected street to the point of curvature, shall provide the unobstructed sight distance for the design speed as set forth in *Figure RSD-1* which is included at the end of this section. be as shown in the following table:

| <u>Centerline Radius</u> | <u>Minimum Tangent Length</u> |
|-----------------------------------|-----------------------------------|
| <u>150 ft. (45.7 m)</u> | <u>100 ft. (30.5 m)</u> |
| <u>175 ft. (53.3 m)</u> | <u>90 ft. (27.4 m)</u> |
| <u>200 ft. (61.0 m)</u> | <u>80 ft. (24.4 m)</u> |
| <u>225 ft. (68.6 m)</u> | <u>75 ft. (22.9 m)</u> |
| <u>250 ft. (76.2 m)</u> | <u>70 ft. (21.3 m)</u> |
| <u>275 ft. (83.8 m)</u> | <u>65 ft. (19.8 m)</u> |
| <u>300 ft. (91.4 m)</u> | <u>60 ft. (18.3 m)</u> |
| <u>350 ft. (106.7 m)</u> | <u>50 ft. (15.2 m)</u> |
| <u>400 ft. (121.9 m)</u> | <u>20 ft. (6.1 m)</u> |
| <u>450 ft. (137.2 m) and over</u> | <u>No Tangent Required</u> |

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