



EARTH ENGINEERING  
CONSULTANTS, INC.

April 21, 2000

Double Eagle Construction Services, Inc.  
400 East Horsetooth Road, Suite 300  
Fort Collins, Colorado 80525

Attn: Mr. Gregg Seebohm

Re: Pavement Section Recommendations  
Yew Court and Sitka Street  
Evergreen Park 2<sup>nd</sup> Filing  
Fort Collins, Colorado  
EEC Project No. 1002018

**APPROVED**

BY: RGR DATE: 4-21-00



City of Fort Collins  
Engineering Department

Mr. Seebohm:

Our subsurface exploration report for Yew Court and Sitka Street construction in Evergreen Park 2<sup>nd</sup> Filing was submitted to your attention on April 17, 2000. Subsequent to receiving that report, the City of Fort Collins Engineering Department provided an estimated traffic loading of 5 Equivalent Daily Load Axles (EDLA) for both Yew Court and Sitka Street in the proposed construction area. Pavement section recommendations are provided in this report based on the traffic loadings provided by the City of Fort Collins and the subgrade soil tests previously completed by Earth Engineering Consultants, Inc. (EEC).

Based on the American Association of State Highway and Transportation (AASHTO) evaluation and minimum pavement sections allowable by City of Fort Collins standards, we recommend the Yew Court and Sitka Street pavement sections include 6 inches of aggregate base overlain with 3½ inches of hot bituminous pavement. Those recommendations are based on roadway classification, soil data and traffic loadings as outlined above. Other sections could be considered.

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The hot bituminous pavement used as the surface course in the pavement area should be consistent with City of Fort Collins classification for Grading C or CX materials. The aggregate base should be consistent with requirements for Class 5 or 6 base.

We appreciate the opportunity to be of service to you on this project. If you have any questions concerning this report, or if we can be of further service to you in any other way, please do not hesitate to contact us.

Very truly yours,

**Earth Engineering Consultants, Inc.**



Lester L. Lutton, P.E.  
Principal Engineer

LLL/dmf

cc: Rick Richter - City of Fort Collins Engineering (3)