



# Bleck Engineering Company Inc.

professional engineers

March 4, 1976

Mr. Martin L. Cassell, Chairman  
Plan Commission  
Village of Barrington Hills  
112 Algonquin Road  
Barrington, Illinois 60010

Re: Dunrovin Drive

Dear Mr. Cassell:

Pursuant to Mr. Craig's request of February 25, 1976, we have inspected Dunrovin Drive and found the following deficiencies in need of correction prior to acceptance of the road by the Village.

1. Roadway ditches have not been constructed in various locations.
2. Roadway shoulders do not slope away from the pavement in various locations.
3. Water is being ponded on both sides of Dunrovin Drive south of the first driveway off of Steeplechase Road. Water appears to drain from west to east through an 18" pipe culvert under Dunrovin Drive. Both areas required draining to prevent failure of the road sub-base. This will probably require construction of an outfall ditch and establishment of an easement for the ditch.
4. At the second driveway off of Steeplechase Road, water flows off the north gutter onto the street surface and then flows south about 150' before dispersing on the shoulder. The gutters on both sides of this driveway should be reconstructed to provide positive discharge to the road ditches.

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The bituminous surface of the roadway appears to be adequate, but we cannot be sure of the thickness placed. Records available to us do not indicate any inspection at time of placement. If the Village desires, cores can be taken from the surface to determine the actual thickness placed and whether the bituminous mix used is in accordance with the specifications insofar as strength and in place density. The cost of such work would be borne by the developer.

The granular base of the road was apparently approved by Wight Engineering on or about 10/25/74. If the Village desires, cores can be taken to determine the adequacy of the base.

Trees required by the Subdivision Ordinance have not been planted, but we do not believe this is necessary due to the large amount of existing backdrop trees. In addition, someone has planted evergreens along the northern portion of the road.

Since Dunrovin Drive is a cul-de-sac of about 1650 feet in length, we further recommend a "Dead End" or "No Outlet" sign be erected just west of Steeplechase Road.

Please call if you have any questions or require additional services from this office.

Yours truly,

BLECK ENGINEERING CO., INC.



R. E. Lenzini, P.E.

REL:db

cc: Barbara P. Hansen  
Sydney G. Craig