



CITY OF RAPID CITY

Engineering Services

300 Sixth Street

Rapid City, SD 57701-2724

MEMORANDUM

TO: Public Works Committee/Common Council

FROM: Robert Ellis, P.E.
City Engineer

THROUGH: Dirk Jablonski, P.E.
Director of Public Works

SUBJECT: Request Authorization to Install YIELD signs
Surfwood Drive and Brentwood Street

DATE: February 1, 2008

BACKGROUND

- 1) At the request of a neighborhood resident, Engineering Services evaluated the intersection of Surfwood Drive and Brentwood Street. The intersection presently operates as an uncontrolled intersection and the resident expressed concern about the lack of driver compliance with traffic laws governing the assignment of right-of-way (SDCL 32-26-13 and Rapid City ordinance 10-12-100). A map of the intersection is attached for reference.
- 2) Traffic count data for each approach was collected and is shown on the attached map. Surfwood Drive carries the higher volume of traffic.
- 3) The Manual on Uniform Traffic Control Devices (MUTCD) recommends that intersection control be implemented when the "application of the normal right-of-way rule would not be expected to provide reasonable compliance with the law." Staff observed traffic during the week of January 14, 2008 and corroborated that the traffic on Surfwood Drive generally did not comply with the normal right-of-way rule.

REQUESTED ACTION

Approval of the installation of YIELD control for Brentwood Street at Surfwood Drive.

Attachment

RE:JL



EQUAL OPPORTUNITY EMPLOYER

PW021208-19

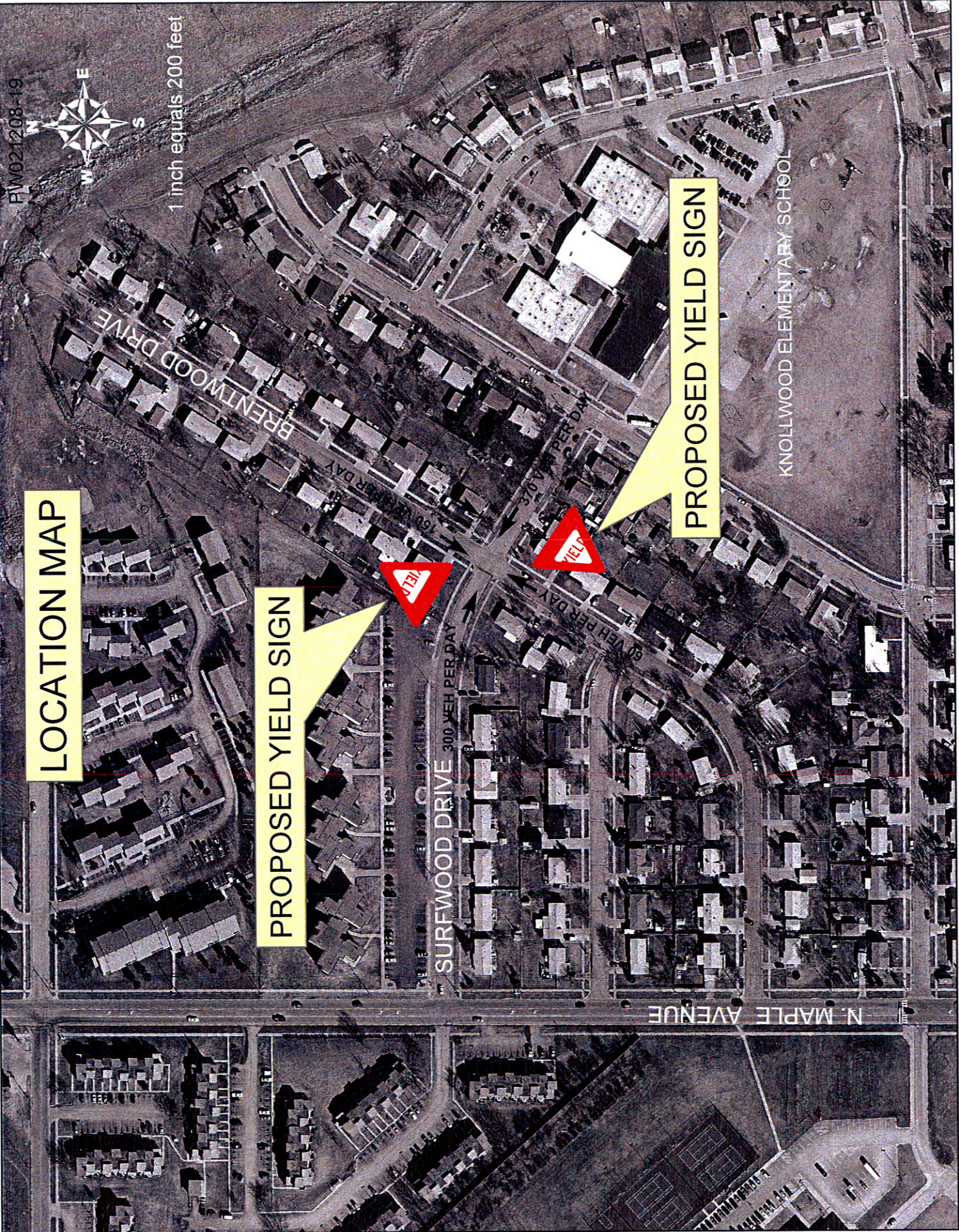


1 inch equals 200 feet

LOCATION MAP

PROPOSED YIELD SIGN

PROPOSED YIELD SIGN



KNOLLWOOD ELEMENTARY SCHOOL

BRENTWOOD DRIVE

SURFWOOD DRIVE 300 VEH PER DAY

N. MAPLE AVENUE

150 VEH PER DAY

60 VEH PER DAY

370 VEH PER DAY

WILSON PARK