

6:00 P.M. – PROPOSED BUDGET REVIEW

VILLAGE OF BARTLETT

COMMITTEE AGENDA

APRIL 7, 2015

FINANCE

2015-16 Proposed Budget Review – 6:00 p.m.

PLANNING & ZONING

Rt. 59/Stearns Road Improvements



Agenda Item Executive Summary

Item Name II Rt. 59 & Stearns Rd. Intersection Committee
 Improvements or Board Committee

BUDGET IMPACT

Amount: \$ Budgeted

List what fund N/A

EXECUTIVE SUMMARY

At the March 3rd Committee meeting Brent Coulter explained the pros and cons of the alternate design of the east leg of Stearns Road. There was also much discussion on a traffic signal at IL Rt. 59 and Norwood Lane. We have talked to both IDOT and DuPage County regarding the issues that were discussed and would like to provide an update on these items. Brent Coulter and staff will be available to answer questions.

ATTACHMENTS (PLEASE LIST)

- Memo
- Police Department Memo Re: Accident History
- Exhibits

ACTION REQUESTED

For Discussion Only X

Resolution _____

Ordinance _____

Motion:

Staff: Dan Dinges Date: 3/31/15

Memo

DATE: March 27, 2015

TO: Valerie Salmons
Village Administrator

FROM: Dan Dinges, PE
Director of Public Works

SUBJECT: IL Rt. 59 & Stearns Rd. Intersection Improvements

At the March 3rd Committee meeting Brent Coulter explained the pros and cons of the alternate design of the east leg of Stearns Road. There was also much discussion on a traffic signal at IL Rt. 59 and Norwood Lane. We have talked to both IDOT and DuPage County regarding the issues that were discussed and provide the following information:

East leg of Stearns Road:

One of the main concerns that Brent Coulter raised with the alternate design (allowing left turns into the Walgreens entrance) is the site obstructions that would exist when the queues back up. To avoid this concern we have attached an alternate that both IDOT and DuPage County have accepted. This alternate maintains the left turns exiting the Walgreens access during off peak periods but prohibits left turns into the Walgreens access at all times. This alternate maintains IDOT's original design by providing dual left turns at all four legs of the intersection but allows the left turns out of Walgreens during off peak periods. Vehicles will also be able to make U-turns in the left turn lane to head east on Stearns Rd. Access to Walgreens for vehicles approaching from the south or west is achieved by utilizing the right in/out north of Walgreens on Rt. 59. We believe this is a fair compromise to maintain the integrity of the Rt. 59 & Stearns Rd. intersection improvements with minimal impact to the adjacent businesses.

If we later determine that the left turns out of the Walgreens access are creating issues and want to prohibit the left turns out, we can easily install a barrier median where the striped median is located. This cost (~\$20-25,000) would be the Village's cost.

The Board also requested accident history for the Rt. 59 & Stearns intersection and the Walgreens access onto Stearns Rd. Please see Chief Williams' memo attached.

Memo

IL Rt. 59 & Norwood Lane Signal:

We have discussed the signal at Norwood Lane with IDOT and they have no plans to include this in their project. They told us that we would need to apply for a permit for the improvement and the cost would be 100% Village cost. We have talked to IDOT and Brent Coulter to put an estimate of the signal costs. Preliminary Cost for the signal is \$350,000. We also will need to make improvements to Norwood Lane to allow better traffic flow into the north entrance to Dunkin Donuts area and to restrict eastbound traffic from heading to Braintree. This is estimated at an additional cost of \$150,000. Total cost is estimated at ~\$500,000.

We also discussed the possibility of a signal at the commercial entrances south of Norwood Lane instead of Norwood Lane but IDOT said this location would be difficult because it is too close to Stearns Rd. and they do not believe warrants would be met.

Requested Action:

IDOT and the DuPage County Division of Transportation are seeking feedback on this alternate design of the east leg of Stearns Rd. prior to finalizing the intersection improvement plans.

POLICE DEPARTMENT MEMORANDUM
15-13

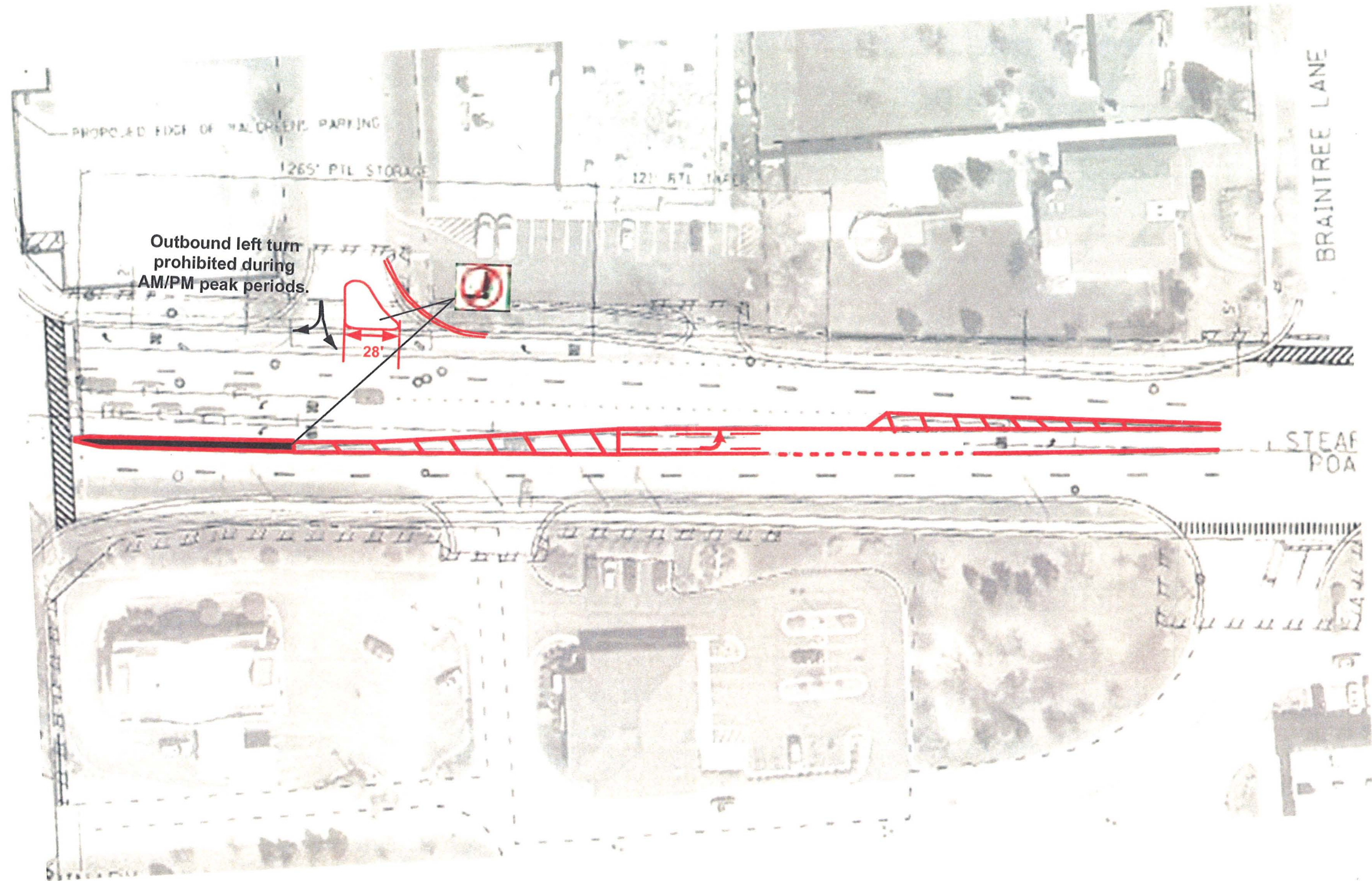
DATE: March 11, 2015
TO: Kent Williams, Chief of Police
FROM: Patrick Ullrich, Deputy Chief
RE: **Stearns Rd/Route 59 Crash Statistics**

The Village Board requested an update on the number of traffic crashes at the intersection of Stearns Rd/Route 59, as well as the number of crashes related to vehicles entering or exiting Brewster Creek Shopping Center at the Stearns Rd access drive.

In putting these statistics together, we looked at three years of crash data between 08/01/11 and 08/31/14. During that time period, there were 172 total crashes related to the intersection of Stearns Rd and Route 59. Out of those 172 crashes, 20 were related to traffic movements into or out of Brewster Creek Shopping Center. The crashes attributed to vehicles entering or exiting the Brewster Creek Shopping Center accounted for 12% of the total crashes related to the intersection.

Here is a breakdown of how the crashes occurred:

- 14 vehicles attempted to turn left out of the shopping center onto eastbound Stearns Rd
- 4 vehicles attempted to turn right out of the shopping center onto westbound Stearns Rd
- 2 vehicles attempted to turn left into the shopping center from eastbound Stearns Rd



2/26/2015 Striping/Access Plan for the East Leg of Stearns Road

Potential IL 59/Norwood Signal Installation Alternative

