

## 75th St. and Washington St. Traffic Safety Measures 12/4/09

<b>Complete</b>		
No.	Issue/Concern	Action Taken / Proposed Action
1	Add signs with flashing lights at the crosswalks around Maplebrook School.	Red flags have been installed on top of the existing stop signs at Bailey Rd. and Warbler Dr. and Warbler Dr. and Clyde Dr. Installing flags is the preferred first step in addressing concerns regarding stop sign compliance. The installation of lights will be considered as a next step based on the effectiveness of the flags.
2	Place additional signage for the school zone at Bailey Rd. and Warbler Dr.	Flags have been installed at the stop signs to draw attention to the school zone. Additional action will be considered based on the effectiveness of the flags.
3	Install a temporary stop sign at Waxwing Ave. and Lark Ln.	Due to safety concerns regarding unwarranted stop signs, "Yield to school pedestrians" signage has been installed at this location. Yellow/green flags have also been installed above the crossing signs in order to make the crosswalk more visible to drivers.
4	Install electronic speed zone signs at Waxwing Ave. pedestrian crossing	Temporary driver feedback signs, which indicate the speed at which vehicles are traveling, are being used in various locations throughout the neighborhoods surrounding 75th St. and Washington St. This location had a driver feedback sign in place the week of 3/16.
5	Request for additional patrols during peak times.	The Naperville Police Department (NPD) has increased their patrols of the construction zone and will continue their enforcement efforts. To date, over 1,200 tickets have been issued by the NPD.
6	Post electronic speed signs on Bailey Rd. and Redstart Rd.	Temporary driver feedback signs are being used in various locations throughout the neighborhoods surrounding 75th St. and Washington St. This location had a driver feedback sign in place the week of 3/16.
7	There needs to be a police presence throughout the construction project.	The Naperville Police Department (NPD) has increased their patrols of the construction zone and will continue their enforcement efforts. To date over 1,200 tickets have been issued by the NPD.
8	Concern of construction trucks working near school zone	NPD is currently enforcing the area and will continue enforcement around the construction zone. The work zone adjacent to the school property is separated by a fence.
9	Hobson Rd. at Washington St., the signs are unclear and drivers on westbound (WB) Hobson Rd. are using the eastbound (EB) lane	Additional construction barrels have been placed at the intersection to better define the work zone and to prevent WB drivers from using the EB lane on Hobson Rd.

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10	There is bad signal timing for the left turn lane light from WB 75 <sup>th</sup> St. to go south on Naper Blvd.	The poor signal timing may have been triggered by an emergency vehicle. Staff has reviewed the signal timing and determined that it is satisfactory.
11	Concern regarding trucks cutting through the neighborhoods.	NPD is currently enforcing the area and will continue enforcement to ensure that trucks are not cutting through the neighborhoods. Trucks not using a designated truck route are subject to a fine. In addition, staff is developing signage to remind trucks and other construction traffic to stay off local roads.
12	75 <sup>th</sup> St. and Modaff Rd., request for modification to signal timing	Staff reviewed the signal timing and adjusted the signal to provide additional signal time for Modaff Rd.
13	"Do Not Block Intersection" sign on 75 <sup>th</sup> Street at Olympus, eastbound.	"Do Not Block Intersection" signage was installed at all intersections in the work zone.
14	Post No Left Turn from NB Washington St. to Bluebird Ln., Clyde Dr. and Tamarack Ave.	No left turn signs have been posted at these locations.
15	Bike Route signs should not be posted in orange since they may be confused with vehicular detour signs.	The bike detour signs have been changed from orange construction detour signs to standard green bike route signs in order to avoid confusion.
16	Tupelo Ave. and Clyde Dr., there is a problem with speeding on Clyde Dr. between the hours of 6:30–8:30 AM & 4-7 PM	The Naperville Police Department (NPD) has increased their patrols of the construction zone, including during the specified times, and will continue their enforcement efforts. Over 1,200 tickets have been issued by NPD to date.
17	Ensure parkway trees are trimmed for increased visibility to drivers unfamiliar with the neighborhood.	Staff has evaluated the parkway trees and the Department of Public Works (DPW) has completed trimming the parkway trees that may be affecting driver visibility at the intersections.
18	No U-TURNS on 75th Street at Olympus Dr.	A no U-Turn sign has been installed in this location.
19	Keep Clyde Ln. closed for entire construction project.	Clyde Ln. was closed prior to the start of construction and will remain closed for the duration of the project.
20	Gartner Rd./Modaff Rd./Magnolia Ln., crossing guard is already overwhelmed.	Staff is currently working with School District 203 and the Naperville Police Department to identify any concerns related to the construction projects. There have been no concerns expressed to date by the school or District 203 regarding this crossing, but staff will continue to work with the school to address any issues that do arise.
21	The city's data indicates that there are now almost 6,000 cars that travel along Bailey Road each day. That is too many cars for a neighborhood street. What can be done to reduce it?	Bailey Road is a collector roadway. Its function is to collect traffic from the local neighborhood streets and direct it onto an arterial roadway. 6,000 vehicles per day is consistent with the traffic volumes experienced on other collector roadways throughout the city. Brookdale Road (5,000), Oleson (5,000), Mill Street (13,000), etc.

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22	Request for signs at Oxford Ln. to reduce cut-through traffic south of 75th St.	Oxford Lane is under the jurisdiction of Naperville Township. At this time the Township does not feel any additional signage is needed. The city will continue to monitor the traffic volumes on Oxford Lane.
23	Bunting Lane – turning restriction, “EXCEPT SUNDAYS 9 AM to 11 AM”	Signage has been installed to allow for left turns during the requested period.
24	Request for a median cut in order to provide access to a business located on 75th Street.	A median cut has been installed to provide access to the business for the duration of the construction project.
25	Request for additional blue “church signs” at Washington St. and 75th St.	The requested signs have been installed on northbound (NB) Washington St. at Bailey Road and on westbound (WB) Bailey Rd. at Swallow St.
26	Complaint of motorists speeding and cut-thru traffic on Thrush Lane.	Staff has continues to monitor the traffic volumes and speeds on local roads adjacent to the construction zone. To date there have not been any issues identified on Thrush Ln.
27	Concern about kids in the summer crossing without crossing guards.	Improvements such as increased signage, flags, and pavement markings have been added in order to make the crosswalks more visible to drivers and safer for pedestrians. Staff has also contacted the Park District and other recreational organizations to make them aware of the designated walk routes and safest pedestrian crossings in the neighborhoods.
28	Close bike path at Hobson Rd. and Washington St.	Major work impacting the bike path at the corner of Hobson Rd. and Washington St. is complete. Temporary closures may be necessary during future phases of the construction, however signage will be posted directing path users to use a detour route during those closures.
29	Lack of construction speed limit signs on Washington St.	Additional construction speed limit signs have been installed on Washington Street.
30	Need privacy fence for Maplebrook Pool.	A privacy fence has been installed around the Maplebrook pool.
31	Lark Ln. and Waxwing Ave., request for a centerline “Yield to pedestrian in crosswalk”	The requested signage has been installed at this location.
32	Request for signage to notify watercraft of upcoming bridge work.	The project contractor has installed signage at the Hobson St. bridge notifying watercraft of the upcoming bridge work.
33	Add additional neighborhood speed limits signs near the schools on Waxwing Ave., Bailey Rd., Olympus Dr. and Redstart Rd.	TED has reviewed the existing neighborhood speed limit sign placement and has not identified a need for additional signage for the school speed zones. Pavement markings will installed on streets adjacent to schools in the neighborhoods surrounding the construction zone in order to draw driver attention to the designated school zones.

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34	Bailey Rd. and Coach Dr. request for lighted stop signs or illuminated flashing red signal light	Red flags have been installed on top of existing stop signs as a first step in drawing driver attention to the stop sign.
35	The park on Gartner Rd. – will staff work with the park district when the park experiences heavy use, i.e., soccer and softball?	Staff is actively working with the Park District to identify any potential concerns or additional measures that may be necessary as a result of the construction project.
36	Concern regarding children crossing Gartner Rd. at Catalpa Ln. and Laurel Ln.	<p>Staff has been actively working with the school to remind parents and students that they should be crossing at Gartner Rd. and Modaff Rd., which is an all way stop and staffed by a crossing guard.</p> <p>The Department of Public Works has installed flags at the stop sign located at Gartner Rd. and Modaff Rd. to draw driver attention to the crossing.</p>
37	Bailey - Terrance & Windingcreek, request for flags on stop controls on Bailey at these two intersections.	Flags have been installed at these two intersections in order to draw driver attention to the stop signs.
38	Olympus Dr. at 75th St. storm water runoff pools near the SE corner of intersection. When it rains the sidewalk is completely covered, standing for days, without drainage.	A drainage problem has been identified in this location, however staff has determined that it is unrelated to the construction project. The problem appears to be related to the school parking lot, and staff is working with the school to address the problem.
39	There has been a reduced police presence on Longspur Court and the driver feedback signs have been removed.	<p>The Police Department continues to have an active presence in the construction zone and in the neighborhoods surrounding the intersection.</p> <p>There are a limited number of driver feedback signs available so the signs are being installed on a rotating basis throughout the neighborhoods. Additionally, data has indicated that the signs become less effective if left in one location for an extended period of time.</p>
40	Request for review of traffic signal coordination at Washington St. and Bailey Rd.	Staff has reviewed the traffic signal timing at this intersection and did adjust the signal timing to provide additional signal time for Bailey Rd. Staff will continue to monitor the signals in and adjacent to the construction zone and to make adjustments as necessary.
41	Request for driver feedback signs. (Updated 6/15/09)	Driver feedback signs, which indicate the speed at which vehicles are traveling, are being used on a rotating basis in various locations throughout the neighborhoods surrounding 75th St. and Washington St. Residents may request that a driver feedback sign be placed on their street by contacting the city.

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42	Motorists are using Basswood Dr. as a cut-through. (Updated 6/15/09)	Driver feedback signs were installed on Basswood Dr. during the first week of May as part of the sign rotation to deter motorists from using it as a cut-through.
43	Request for driver feedback signs and children at play signs on Bailey Rd. and Riparian Rd. (Updated 6/15/09)	Playground signs for Winding Creek Park have been upgraded to increase visibility of the signs. Staff has evaluated the request for the "Children At Play" signs and has determined that additional signage is not needed at this time due to the existing signage already in place at the proper locations. Driver feedback signs have also been installed in this area.
44	Add pedestrian warning signs at 75th St. and Olympus Dr.	Signage warning pedestrians to use extra caution when crossing 75th Street has been installed at this location.
45	Add stop bars for stop signs at Waxwing Ave. and Olympus Dr.	The requested stop bars were installed in May 2009.
46	Add school pavement markings at Waxwing Ave. crossing.	School pavement markings were installed in late May.
47	Install a double yellow on Waxwing Ave. near crosswalk.	A double yellow line has been striped for the 200' leading up to the crosswalk.
48	Allow left turns onto 75th St. from the Animal Hospital.	The signage prohibiting the left turn from the Animal Hospital has been removed. Staff from the City of Naperville will continue to monitor this location.
49	Traffic signals need to be timed	The City of Naperville has coordinated with DuPage County to re-time the traffic signals in and around the construction zone in order to optimize traffic flow. The signals continue to be monitored by staff and they will be re-timed once construction is complete.
50	Trailer causes a sight distance issue at Clyde Dr. and 75th St.	Staff has confirmed that no sight distance issues exist at this location. Staff continues to work with the project contractors to ensure construction equipment and vehicle placement do not create site distance issues.
51	Remove parking adjacent to the crosswalk at Waxwing Ave. and Lark Ln. (Updated 12/4/09)	Staff has evaluated the on-street parking adjacent to the crosswalk. No parking is allowed within 20' of the crosswalk per the Manual on Uniform Traffic Control Devices (MUTCD) and has been restricted through the use of painted curbs.
52	Install in-street pedestrian crossing signs on Bailey Road. (Updated 12/4/09)	Additional in-street pedestrian crossing signs have been installed.
53	Post signs at the crosswalks that state it is required by law to stop for pedestrians in crosswalks. (Updated 12/4/09)	Additional in-street pedestrian crossing signs have been installed.
54	Intersection of Tupelo and Olympus is blocked by traffic (Updated 12/4/09)	"Do Not Block Intersection" signage has been installed at this location.

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55	Modaff Rd. and Bailey Rd. should be a four-way stop. (Updated 12/4/09)	Staff is conducted an all-way stop warrant analysis and evaluated the potential impacts of an all-way stop in this location. Based on the analysis, it was determined that there are sufficient gaps to allow for all movements with minimal delays.
57	Speed concerns on East Gartner Road (New Request)	Request for additional Police presence has been forwarded to the Police Department. This location will also be included in the rotation for Driver Feedback Signs. Additional speed data will also be collected to verify vehicle speeds.
58	Concern regarding traffic backups and cut through traffic at Bailey Rd. and Coach Dr. and the number of children in the area. (New Request)	Data collected verifies increase in traffic during AM peak. A "school bus stop ahead" sign has been installed based on input from District 203. Information has also been forwarded to the Police Department for an increased police presence.
59	New traffic pattern will close major access points to neighborhood and impact emergency responder access. (New Request)	Prior to the road closures, the Police and Fire Departments verified alternate routes to establish emergency access plans.

### Pending

1	The eastbound left turn lane on Bailey Rd. at Naper Blvd stacks up onto the painted median. (Updated 12/4/09)	Staff reviewed this location and determined that the left turn bay should be extended to allow for additional queuing. This work will be completed in the spring due to the weather conditions required to complete striping.
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### Under Consideration-Further Discussion Needed

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### Not Recommended

1	Place an empty police car on the street if you can't spare an officer.	The Police Department does not have the vehicles or staff available to complete this request.
2	Reduce speed limit from 25 to 15 on residential streets.	The lowest permitted speed limit on local roads is 25 mph as established by the Illinois Motor Vehicle Code, unless designated as a school zone or unless road conditions exist that warrant further reduction. No road conditions currently exist that support further reduction of the speed limit. School zone speed limits have been established at 20 mph, as permitted by the Illinois Motor Vehicle Code.

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3	Install temporary traffic signals at the schools.	Data collected indicates that the current signage surrounding the schools is functioning properly. The installation of temporary traffic signals is difficult to implement and not warranted in these locations.

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4	Request for a stop sign at the intersection of Waxwing Ave. and Terrance Dr.	<p>An all-way stop study was completed at this intersection in 2004 and 2008. Based on the data collected, this intersection does not qualify for an all way stop.</p> <p>Stop signs are only installed at locations where warrants, including traffic volumes, pedestrian activity, speed, sight distance, accident history and unusual site conditions require it for the functionality and safety of an intersection. The City of Naperville does not install unwarranted stop signs as a means of traffic calming. The installation of unwarranted stop signs may result in increased traffic delay, creation of speeding problems, and low compliance rates which can create a safety concern for pedestrians and other vehicles.</p>
5	Install temporary speed bumps on Waxwing Ave. from Modaff Rd. to Olympus Dr., it's a total speedway for motorists.	Speed and volume data have been collected on Waxwing Ave. to quantify the impacts of the construction on the roadway. Data collected to date indicates that there has been a slight increase in WB traffic on Waxwing Ave. as compared to 2008, but EB traffic has decreased slightly since 2008. Average speeds on Waxwing Ave. have remained consistent with roadway speeds prior to the start of construction and with speeds on similar
6	Change streets to one-way during construction.	Establishing one-way pairs would concentrate traffic on local streets, and would not reduce the amount of traffic using those streets since all traffic moving in one direction would be concentrated onto a single street. The establishment of one-way streets may also create confusion for local residents and emergency responders, and could result in traffic shifting onto other local streets.
7	Post no left turn signs from NB Washington St. to Bailey Rd. 7am-9am and 2:30pm-4:30pm	Based on Bailey Rd.'s classification as a collector roadway as well as the dedicated left turn lane and left turn signal, it would be difficult to eliminate left turning movements onto Bailey Rd. Restricting left turns at Bailey Rd. would also result in additional traffic using local streets to access the neighborhood.
8	Post no left turn signs from SB Modaff Rd. to Bailey Rd. 7am-9am and 3pm-5pm	Based on Bailey Rd.'s classification as a collector roadway staff does not recommend eliminating left turning movements onto Bailey Rd. Restricting left turns at Bailey Rd. would result in additional traffic using local streets to access the neighborhood.

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9	Request for signs at Sandpiper Ln. and Tupelo Ave. directing traffic onto Olympus Dr. and Tamarack Ave. in order to address cut-through traffic.	Olympus Dr. and Tamarack Ave. are designated as neighborhood collector roadways, and are not acceptable detour routes. The designated alternate routes during construction are all classified as collector roadways, and are designed to carry a higher volume of traffic.
10	Request for temporary stop signs along Bailey Rd. to slow traffic and decrease the amount of traffic.	<p>Stop signs are only installed at locations where warrants, including traffic volumes, pedestrian activity, speed, sight distance, accident history and unusual site conditions require it for the functionality and safety of an intersection. The City of Naperville does not install unwarranted stop signs as a means of traffic calming. The installation of unwarranted stop signs may result in increased traffic delay, creation of speeding problems, and low compliance rates which can create a safety concern for pedestrians and other vehicles.</p> <p>Traffic data collected for Bailey Rd. indicates that speeds have not changed as a result of the construction, and that speeds are consistent with other similar roads throughout the city. Additionally, an all-way stop warrant analysis is currently being conducted at Bailey Rd. and Modaff Rd.</p>
11	Add lane diverters at the intersections to prevent straight paths through the neighborhoods.	The installation of traffic diverters at intersections would concentrate neighborhood traffic onto certain local streets, and would potentially compound neighborhood traffic problems. Traffic diverters also negatively impact emergency services.
12	Install temporary speed bumps at crosswalks on Bailey Rd. at Maplebrook school.	Speed bumps are typically installed mid-block to control speeds, and would be ineffective if installed at an all-way stop location. Stop bars will be installed at all stop locations within 3 blocks of all schools in the construction area in order to draw attention to the stop signs. Additionally, improvements have been installed at the crosswalk locations including flags to draw driver attention to the stop signs and crosswalks. The Naperville Police Department will also continue their enforcement efforts in the area.

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13	Install all-way stops at Kildeer Dr. and Bluebird Ln., Clyde Dr. and Redstart Rd., Olympus Dr. and Tupelo Ave., and Kildeer Dr. and Bailey Rd.	Stop signs are installed at locations where warrants, including traffic, pedestrian activity, speed, sight distance, accidents and unusual site conditions require it for functionality of an intersection, and are not installed as a means of traffic calming. The installation of unwarranted stop signs may result in increased traffic delay, creation of speeding problems, and low compliance rates which can create a safety concern for pedestrians and other vehicles.
14	Why doesn't the city just implement everything at one time?	In addition to the limited resources that restrict the city's ability to implement all measures at once, there is a benefit to taking a measured approach so that city can evaluate the traffic measures installed in order to determine their effectiveness and to ensure that the most effective and efficient tools are implemented. The installation of excessive or unwarranted traffic control devices often results in low driver compliance which can create a safety concern for pedestrians and other vehicles.
15	Add temporary speed bumps on Waxwing Ave. between Modaff Rd. and Olympus Dr.	<p>Speed bumps are not recommended due to their negative impact on emergency responders and because they often result in traffic speeds increasing between speed bumps.</p> <p>Alternative measures are being implemented in order to address speed concerns. These measures include increased enforcement by the Naperville Police Department, installation of temporary radar driver feedback signs. Data collected to date indicates that speeds have not increased on Waxwing Ave. as a result of the construction project, and are consistent with similar roadways throughout the city.</p>
16	Swallow & Bailey - request for "DO NOT BLOCK INTERSECTION" sign on Bailey.	A field study was conducted during peak times to evaluate the impacts of traffic on the intersection. No problems were observed, however staff will continue to evaluate the intersection for problems.

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17	Post no right turn signs from EB 75th St. to Olympus 7am-9am and 3pm-5pm	Olympus Dr. is designated as a collector roadway on the city's Master Thoroughfare Plan and as a collector Olympus Dr. is intended to carry a higher number of vehicles. Restricting turning movements at this location would not be consistent with the function of the roadway as designated by the Master Thoroughfare Plan.
18	Why can't Naperville use photo enforcement similar to what they do on the highway with the vans?	Photo enforcement is not currently allowed under Illinois law except at intersections designated for red-light running cameras or in Tollway construction zones.
19	Place temporary "No Thru Traffic" or "Local Traffic only" signs at Olympus Dr. when turning off of 75th St.	The Naperville Police Department is unable to enforce the requested signs.
20	Temporary traffic light control box has been located in front of the church sign.	The traffic light control box cannot be relocated due to impacts to traffic on arterials and associated expenses.
21	Add a crossing guard for Lincoln Jr. High.	A crossing guard study was completed for this location, and based on data collected, this location does not meet the criteria for a crossing guard. Staff will continue to work with School District 203 and Lincoln Jr. High to address their concerns throughout the duration of the project and to identify potential steps to improve student safety.
22	Washington St. and Tamarack Ave. - change no left turn restriction to no left turns between 6-9 AM and 4-7 PM, not all day.	The no turn restrictions in place at this location were installed at the beginning of construction to ensure motorist safety at the intersection, and therefore cannot be limited to certain time periods.
23	Request for turn arrow at traffic signal and northbound turn lane at Washington St. and Tamarack Ave.	A turn lane will be added as part of the 75th St. and Washington St. construction project. There is not adequate pavement width to add the turn lane at this time.
24	Post no left turn signs from NB Washington St. to Redstart Rd. 7am-9am and 2:30pm-4:30pm	Additional signage restricting access to the neighborhoods would concentrate traffic onto streets without turn restrictions. The requests for additional turning restrictions and the impacts of additional turning restrictions were discussed with the resident working group on 4/9/09 and referred to the area Homeowners Associations in order to achieve consensus on the desired restrictions. No response has been received to date from the HOA.

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25	Post no left turn signs from SB Modaff Rd. to Waxwing Ave. 7am-9am and 3pm-5pm	Additional signage restricting access to the neighborhoods would concentrate traffic onto streets without turn restrictions. The requests for additional turning restrictions and the impacts of additional turning restrictions were discussed with the resident working group on 4/9/09 and referred to the area Homeowners Associations in order to achieve consensus on the desired restrictions. No response has been received to date from the HOA.

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26	Post No Left Turn from NB Washington St. to Redstart Rd.	Additional signage restricting access to the neighborhoods would concentrate traffic onto streets without turn restrictions. The requests for additional turning restrictions and the impacts of additional turning restrictions were discussed with the resident working group on 4/9/09 and referred to the area Homeowners Associations in order to achieve consensus on the desired restrictions. No response has been received to date from the HOA.
27	Post alternate routes – 87th (east/west), etc. (Updated 6/15/09)	Staff conducted time travel studies to evaluate potential alternate routes around the construction zone and to determine the effectiveness of designating alternate routes. Based on the data collected, designating an alternate route would not result in any time savings for commuters and could result in additional traffic using neighborhood streets to avoid the construction zone.
28	Add additional crossing guard for Maplebrook School.	A crossing guard study was completed for this location, and based on data collected, this location does not meet the criteria for a crossing guard. Staff will continue to work with School District 203 and Lincoln Jr. High to address their concerns throughout the duration of the project and to identify potential steps to improve student safety.
29	Unable to exit driveway from Gartner Rd.	Staff conducted a traffic gap analysis during AM and PM peaks. The gap analysis indicated that there are sufficient gaps in traffic to allow a motorist to pull into traffic.
30	Request a traffic cop direct traffic at Bailey Rd. and Couch.	The Naperville Police Department does not have the staff to assign a police officer to direct traffic at this location. Additionally, the stop sign located at the intersection currently controls traffic through the intersection as effectively as a police officer would.
31	Crossing Hobson on bike or walking is difficult - can the city establish a no turn on red.	The bike path at this location is closed due to safety concerns in the construction zone. Pedestrians and