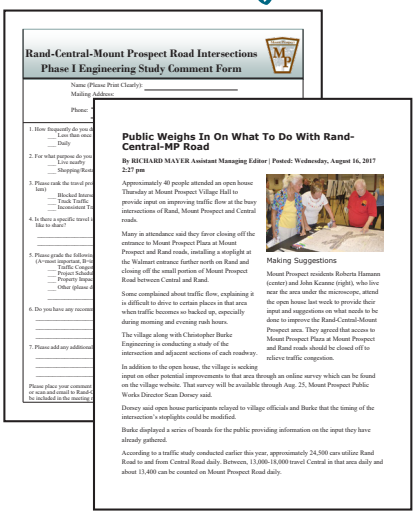
RAND-CENTRAL-MOUNT PROSPECT ROAD INTERSECTIONS PHASE I ENGINEERING STUDY

Benefits



Rand-Central-Mount Prospect Road Intersections
Phase I Engineering Study Comment Form

Name (Please Print Clearly): _____
Mailing Address:
Phone:

1. How frequently do you
___ Less than once
___ Daily
2. For what purpose do you
___ Live nearby
___ Shopping/Rest
3. Please rank the travel pro
lem)
___ Blocked Intersc
___ Truck Traffic
___ Inconsistent Tr
4. Is there a specific travel
like to share?
5. Please grade the followin
(A=most important, B=
___ Traffic Congest
___ Project Schedul
___ Property Impac
___ Other (please d
6. Do you have any recom
7. Please add any additional
Please place your comment
or scan and email to Rand-
be included in the meeting

Public Weighs In On What To Do With Rand-Central-MP Road

By RICHARD MAYER Assistant Managing Editor | Posted: Wednesday, August 16, 2017 2:27 pm

Approximately 40 people attended an open house Thursday at Mount Prospect Village Hall to provide input on improving traffic flow at the busy intersections of Rand, Mount Prospect and Central roads.

Many in attendance said they favor closing off the entrance to Mount Prospect Plaza at Mount Prospect and Rand roads, installing a stoplight at the Walmart entrance further north on Rand and closing off the small portion of Mount Prospect Road between Central and Rand.

Some complained about traffic flow, explaining it is difficult to drive to certain places in that area when traffic becomes so backed up, especially during morning and evening rush hours.

The village along with Christopher Burke Engineering is conducting a study of the intersection and adjacent sections of each roadway.

In addition to the open house, the village is seeking input on other potential improvements to that area through an online survey which can be found on the village website. That survey will be available through Aug. 25, Mount Prospect Public Works Director Sean Dorsey said.

Dorsey said open house participants relayed to village officials and Burke that the timing of the intersection's stoplights could be modified.

Burke displayed a series of boards for the public providing information on the input they have already gathered.

According to a traffic study conducted earlier this year, approximately 24,500 cars utilize Rand Road to and from Central Road daily. Between, 13,000-18,000 travel Central in that area daily and about 13,400 can be counted on Mount Prospect Road daily.

Making Suggestions

Mount Prospect residents Roberta Hamann (center) and John Kramne (right), who live near the area under the microscope, attend the open house last week to provide their input and suggestions on what needs to be done to improve the Rand-Central-Mount Prospect area. They agreed that access to Mount Prospect Plaza at Mount Prospect and Rand roads should be closed off to relieve traffic congestion.

Based on technical analysis and stakeholder input, the proposed improvements meet the purpose and need by:

REMOVE BLOCKED INTERSECTIONS

- Reduces potential for blocked intersections by installing 1 controller, and reduces overall length of queuing.

IMPROVE MOBILITY

- Reduces overall study area **total delay** by almost **45%** and **travel time** by over **30%** for the peak PM travel period.
- Translates into larger regional network benefit.

IMPROVE SAFETY

- Improved intersection operations and channelization reduces congestion and improves safety.

IMPROVE ACCESS

- Adds coordinated traffic signals to balance Mount Prospect Plaza main entrance access modification.

IMPROVE PED-BIKE ACCOMMODATIONS

- Extends shared-use path along Rand Road from the City of Des Plaines planned sidepath at Central Rd to Isabella Street.

Results

- Initial **PUBLIC INFORMATION MEETING** held August 10, 2017
- **15 ALTERNATIVES** studied and presented to Village Board April 24, 2018
- Alternatives Evaluation Report **COORDINATED WITH STAKEHOLDERS** Summer 2018
  - IDOT & FHWA
  - City of Des Plaines
  - Mount Prospect Plaza & Walmart
- **IDOT CONCURRENCE** with preliminary preferred alternative January 2019
- **PUBLIC INFORMATION MEETING** to present proposed geometry May 1, 2019

RAND-CENTRAL-MOUNT PROSPECT ROAD INTERSECTIONS
PHASE I ENGINEERING STUDY

ALTERNATIVES EVALUATION REPORT

VILLAGE OF MOUNT PROSPECT
1700 W. CENTRAL ROAD
MOUNT PROSPECT, IL 60056

CHRISTOPHER B. BURKE ENGINEERING, LTD.
9575 WEST HIGGINS ROAD | SUITE 600
ROSEMONT, IL 60018

www.mountprospect.org/rand-central-mp-study

SEE INSERT A (SHARED-USE PATH) FOR WALMART ENTRANCE MODIFICATIONS

HENRY STREET

RAND ROAD

USBANK

MOUNT PROSPECT PL

MAIN PLAZA ENTRANCE

CHASE

ALBERT STR

CENTURY TILE

MATTRESS FIRM

SOUTHEAST ENTRAN

WESTGATE

CENTRAL ROAD

7-ELEVEN

BURGER KING

BMO HARRIS BANK

WALGREENS

PROPOSED SIDEPATH PER CITY OF DES PLAINES PLANS

RAND ROAD

IENT CENTER

ALBANY LANE

Roadway Improvement Key Elements:

- Modify southbound Main Plaza Egress to a right-out only to give more signal time to northbound Mount Prospect Road and Rand Road
- Add traffic signals at Walmart Entrance on Rand Road and at Southeast Entrance on Central Road to improve Mount Prospect Plaza access
- Modernize 3 traffic signals to a single controller and interconnect with 2 additional proposed traffic signals on one system
- Add dual left turn lanes on Rand Road at Central Road
- Add right turn lanes on northbound and southbound Mount Prospect Road at Central Road, and on eastbound Central Road at Rand Road
- Add a left turn lane on northbound Mount Prospect Road at Central Road
- Add a shared-use path on Rand Road from Central Road to Isabella Street

For more information and exhibits, visit the project website at: **www.mountprospect.org/rand-central-mp-study.**

We encourage comments throughout the course of the study, however, comments received by **May 15, 2019,** will be specifically added to this public information meeting record.

Comments may be submitted to the comments box tonight, scanned and emailed to: **Rand-central-mp-study@cbbel.com**, or tri-folded stamped and post mailed to:

Christopher B. Burke Engineering, Ltd.
c/o Emily Anderson
9575 W Higgins Rd., Suite 600
Rosemont, IL 60018

RAND ROAD SHARED-USE PATH EXTENSION AND WALMART ACCESS IMPROVEMENTS

LEGEND

EXISTING RIGHT OF WAY
PROPOSED RIGHT OF WAY
PROPOSED TEMPORARY EASEMENT
PROPOSED GRASS AREA
PROPOSED BLOCK RETAINING WALL
PARCEL BOUNDARY
MUNICIPAL BOUNDARY
PROPOSED TRAFFIC SIGNAL

SCALE IN FEET

BUSINESS CENTER DRIVE

BRISTOL PALACE

WALMART

BRUNSWICK ZONE

WALMART TRUCK LOADING DOCKS

PROPOSED WALMART TRUCK ACCESS

WALMART ENTRANCE

RAND ROAD

RAND ROAD

SHARED-USE PATH NORTH OF ISABELLA ST TO BE CONSIDERED IN FUTURE PROJECT

ISABELLA STREET

LOUIS STREET

PROPOSED 8-FT WIDE SHARED-USE PATH

PROPOSED 8-FT WIDE SHARED-USE PATH TO BE CONSTRUCTED BY PRIVATE DEVELOPMENT

RIGHT-OUT ONLY

FULL ACCESS ENTRANCE

ALBERT STREET

HENRY STREET

COMMERCIAL DEVELOPMENT UNDER CONSTRUCTION

INSERT A
SHARED-USE PATH

RAND-CENTRAL-MOUNT PROSPECT ROAD INTERSECTIONS PHASE I ENGINEERING STUDY