

PROJECT: GLENVIEW/GREENWOOD INTERSECTION IMPROVEMENTS

PROJECT STREETS:

Glenview Road	Elmdale Road	Glenshire Road
Greenwood Road	Linneman Street	Crestwood Lane

PROJECT NUMBER: E 03-035

PROJECT MANAGER: Russ Jensen, P.E.
(847) 486-5649
rjensen@glenview.il.us

BUDGET: \$3.86 million

CONTRACTOR: Schroeder Asphalt Services, Inc. of Huntley, Illinois

PROJECT SCOPE: Project consists of roadway widening and resurfacing, storm sewer and water main construction, concrete base course widening, asphalt binder and surface course placement, curb and gutter installation, sidewalk installations, traffic signal modernization and pedestrian signal improvements.

EXISTING CONDITIONS: The proposed project is located mostly within the Village of Glenview and proposes to improve the Greenwood Road/Glenview Road intersection and to improve Greenwood Road from north of Linneman Street to south of Crestwood Lane, an approximate distance of 2,700 lineal feet. The existing intersection of Greenwood Road and Glenview Road is a four-legged signalized intersection with thru lane and a single left turn lane provided at each leg. A southbound right turn lane is provided along Greenwood Road. A push-button actuated signal has been utilized by pedestrian crossing at each leg of the intersection.

Greenwood Road between Linneman Street and East Lake Road is maintained and under jurisdiction of the Illinois Department of Transportation (IDOT). The east and west leg of the intersection is owned and maintained by the Village of Glenview. The posted speed limit for the northbound and southbound Greenwood Road and eastbound and westbound Glenview Road is 35 mph.

There are two Pace bus routes that utilize the intersection of Greenwood Road and Glenview Road. Pace Route 648 provides services along Glenview Road from Glenview Train Station to Milwaukee Avenue. Pace Route 210 provides services along both Glenview Road and Greenwood Road. An existing bus shelter at the southeast corner of Greenwood Road and Glenview Road provides a stop for both routes.

Existing utilities located within the Greenwood Avenue section consist of Village of Glenview water main and sanitary sewer; Illinois Department of Transportation storm sewer, two (2) Northfield Township sanitary sewer force mains (8" and 14"), NICOR gas main,

Commonwealth Edison electric facilities, AT&T facilities, Wide Open West and Comcast cable facilities and other utilities.

PROPOSED CONDITIONS: The proposed Greenwood Road/Glenview Road intersection improvement project consists, but is not limited to the following items:

- 1) a) Modify the existing signal equipment and geometry to improve the level of service of the Glenview Road and Greenwood Road intersection by extending the existing southbound right turn storage lane on Greenwood Road and constructing a second southbound and northbound through lane.
- b) The widening and resurfacing of the Greenwood Road from north of Linneman to south of Crestwood Lane shall consist of two (2) – eleven foot (11') through lanes in each direction at the Glenview Road intersection.
- c) The proposed horizontal alignment of Greenwood Road shall be modified to accommodate 2-11' through lanes, a 11' left turn lane with a 2' painted median, and a 11' southbound right turn lane.
- d) North of Linneman and south of Glenview Road the roadway alignment shall taper from two (2) to four (4) lanes.
- e) Between Dell Place and the north project limits a 13' two-way left turn lanes shall be provided. Most of the pavement section will have B-6.24 curb and gutter, except on Glenview Road B-6.12 curb and gutter shall be utilized.
- 2) Replace the existing traffic signal equipment including LED's, crosswalk striping, battery backup, and modernizing of pedestrian signals with countdown signals and LED push button indicators.
- 3) Modify pavement geometry on Glenview Road to implement addition of the separate eastbound and westbound 11' wide right turn lanes.
- 4) The existing storm sewer system is upgraded to provide a minimum 10-year storm design. Storm sewer detention for a 100-year storm event shall be provided for the additional impervious pavement area created by the improvements.
- 5) The water main improvements will consist of abandonment the existing 8" water main on Glenview Road and installation of new 12" water main on the east side and 16" water main on the west side. The existing 12" water main located on the south side of Glenview/Greenwood shall be connected to the new main on Glenview Road. Existing water services along Greenwood Road shall be replaced within ROW and reconnected to the water main.
- 6) Install new sidewalk to close the existing gap on the east side of Greenwood Road from Glenview Road to Knollwood Lane, and add sidewalk from Linneman Street to Glenview Road (both sides).

TARGET DATES:

- July 2010 – Start of Construction
 - Stage 1 - Temporary Traffic Signals and construct temporary pavement and drainage, shift traffic control for stage 2.
 - Stage 2 – Construct watermain, construct storm sewer on east side of Greenwood and north side of Glenview, remove existing curb & gutter and driveways on east side of Greenwood and north side of Glenview, construct new curb and gutter, concrete base course sidewalk and entrances, shift traffic control for stage 2A.
 - Stage 2A – Construct storm on south side of Glenview, remove curb & gutter and driveways on south side of Glenview, construct new curb & gutter, concrete base course, sidewalk and entrances, mill existing pavement, place asphalt binder, place topsoil and sod, construct temporary pavement for stage 3, shift traffic control for stage 3.

- Stage 3 – Remove curb & gutter and driveways on west side of Greenwood, construct curb & gutter, concrete base course, sidewalk and entrances, complete curb & gutter, concrete base course , sidewalk and entrances on east side of Greenwood, place asphalt binder, place topsoil and sod, place surface course throughout project limits, place permanent pavement markings, install and activate permanent signals.
- June 3, 2011 – Contract completion

PROJECT WORK HOURS:

M-F: 7:00 a.m. to 7:00 p.m.

Sat: 9:00 a.m. to 5:00 p.m. (7:00 a.m. start with Village approval only)

CORRESPONDENCE:

Attached documents are in pdf format and require Adobe Reader to view.

2010 Correspondence

Construction Start

Glenshire Road Closure #1

Glenshire Road Closure #2

Water Service Disruption

2011 Correspondence

Water Service Disruption

Driveway Access Restriction #1

Driveway Access Restriction #2

Driveway Access Restriction #3

Driveway Access Restriction #4

Driveway Access Restriction #5

Driveway Access Restriction #6

Driveway Access Restriction #7

Driveway Access Restriction- 806 Greenwood

Driveway Access Restriction- 909-915 Greenwood

Driveway Access Restriction- 910-912 Greenwood

Driveway Access Restriction Residential

Landscaping Notification

Water Service Notification