VILLAGE OF BARTLETT

COMMITTEE AGENDA

FEBRUARY 3, 2015

PLANNING & ZONING

Stearns Road/ RT. 59 IDOT Improvements

COMMUNITY DEVELOPMENT MEMORANDUM

15-017

DATE: January 28, 2015

TO: Valerie L. Salmons, Village Administrator

FROM: Jim Plonczynski, CD Director

RE: REVISED Rt. 59 and Stearns Road Intersection Improvements

PREVIOUS DISCUSSION

IDOT officials and their consulting engineer presented the proposed Rt. 59 and Stearns Road intersection improvements at the August 17, 2014 Village Board Committee meeting. At that meeting several concerns were expressed by the Village Trustees related to the access to the Home Depot and Brewster Creek Shopping Center and the impact on the residents of the Braintree Lane neighborhood.

The proposed IDOT plans showed that the left turn from Stearns Road into the Brewster Creek Shopping Center would be eliminated and that access would be from the Rt. 59 entrances to the shopping center, Norwood Lane and westbound from Stearns Road with a right-in right-out access (see attached **Original Design** plan).

After that presentation and a subsequent public meeting held by IDOT the shopping center owner with support of the Village had requested that IDOT and DuPage County re-examine the Stearns Road access to the shopping center. DuPage County and IDOT traffic engineers followed up on the request and submitted an alternative design of the Stearns Road east leg of the intersection.

CURRENT DISCUSSION

At the request of the Village and the Brewster Creek Shopping Center owner, IDOT and the DuPage County Division of Transportation revised the east leg of the Rt. 59 and Stearns Road intersection improvements to provide for a left turn movement from Stearns Road into the new Walgreen's and the Brewster Creek Shopping Center (see attached **Revised Design** plan). In addition with this revised plan the County is requesting that the Village adopt an ordinance restricting peak hour left turn lane movement from the shopping center access point.

The revised access drawing was reviewed by Staff and Brent Coulter, the Village's traffic consultant. As with any plan to revise a complicated access problem there are concerns expressed with the revisions. This revised set of plans provides for an ingress and egress to the shopping center and the new Walgreen's which is an improvement
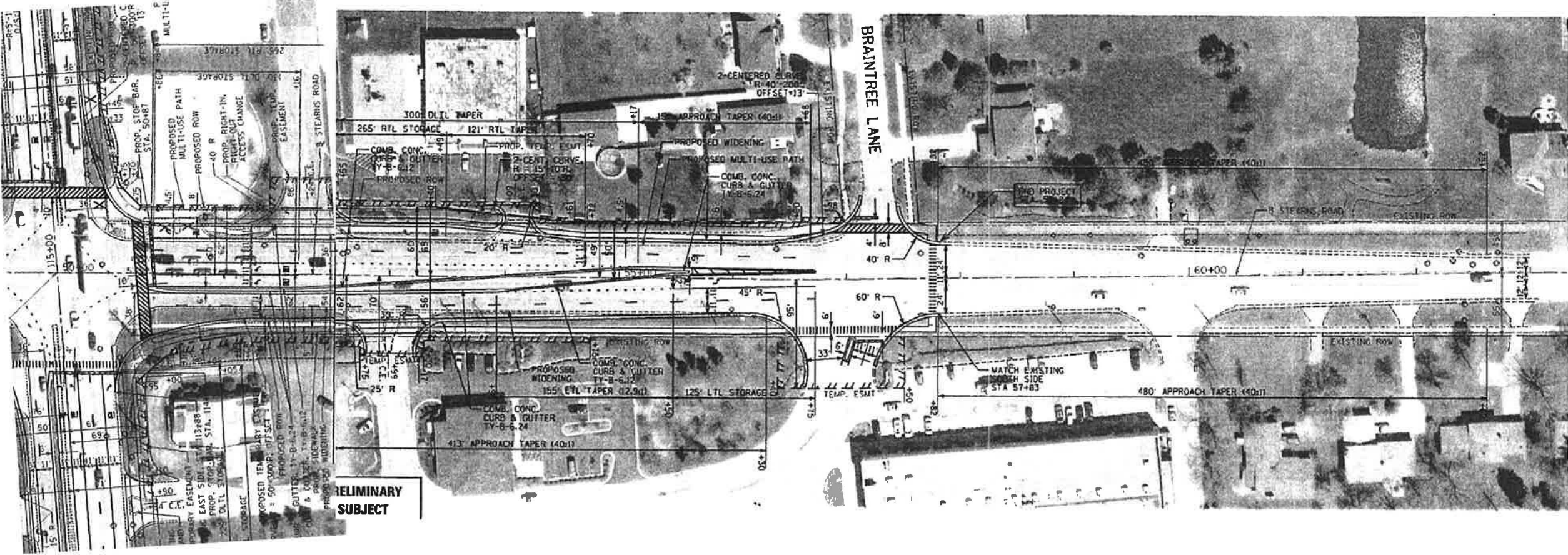
over the existing conditions. However, there are still some traffic movement conflicts with entering the shopping center during peak hours and crossing the additional lanes of traffic that will be constructed with the intersection improvement. (see **Potential Sight Line Issue** exhibit and **Median Re-design** exhibit)

A proposed additional improvement to the Rt. 59 project which has not yet been requested of or reviewed by IDOT is to add a new traffic signal at Norwood Lane and Rt. 59. This new traffic signal would provide controlled access into the commercial area. This signal improvement along with limiting the east bound traffic into the Braintree neighborhood by installing "Do Not Enter" signs just east of the commercial area (see **Rt. 59 Norwood signal** exhibit) would help alleviate the resident's concerns with the traffic flow through Braintree Lane.
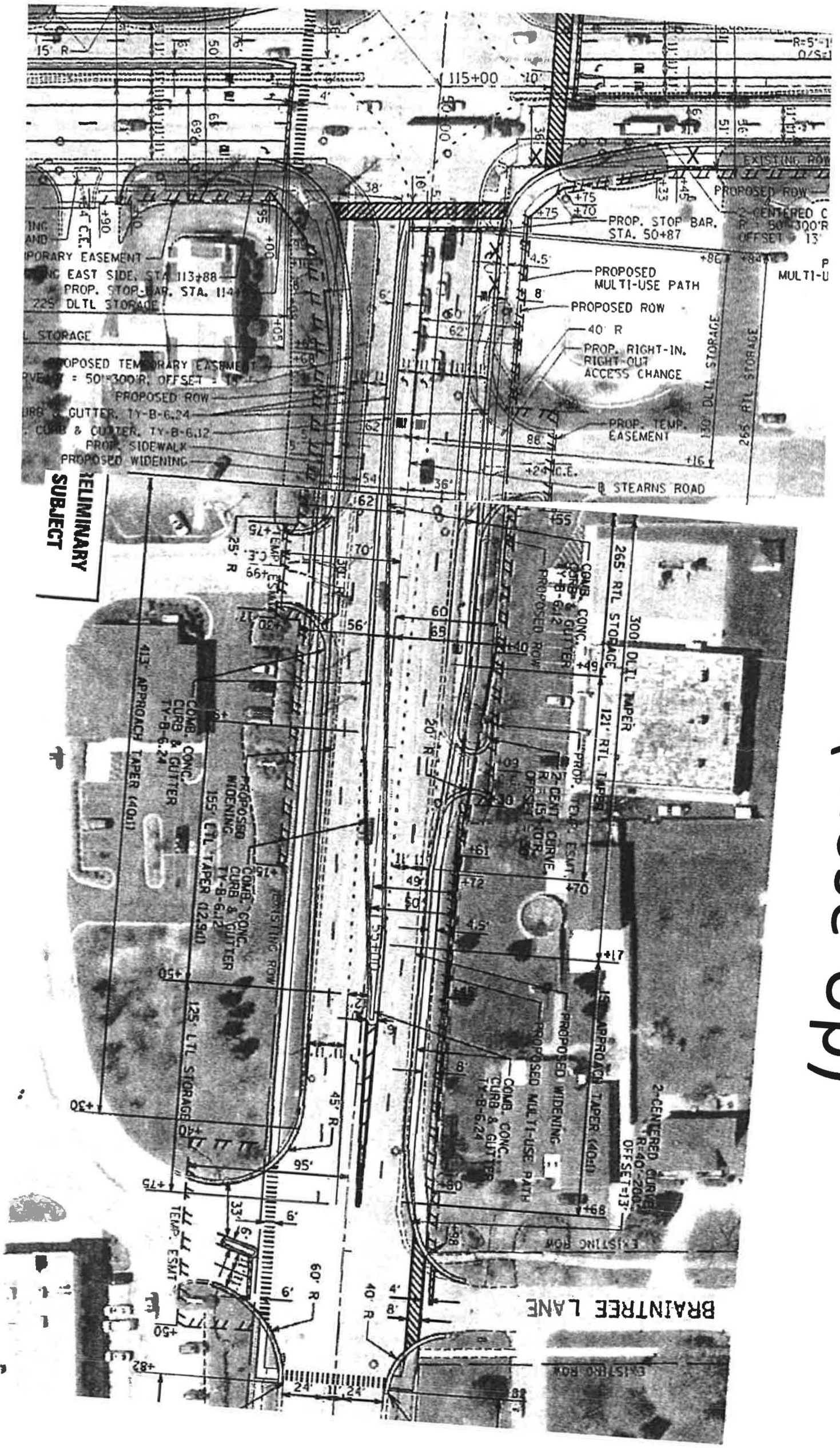
REQUESTED ACTION

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

Original Design Plan - Stearns Road East of Route 59
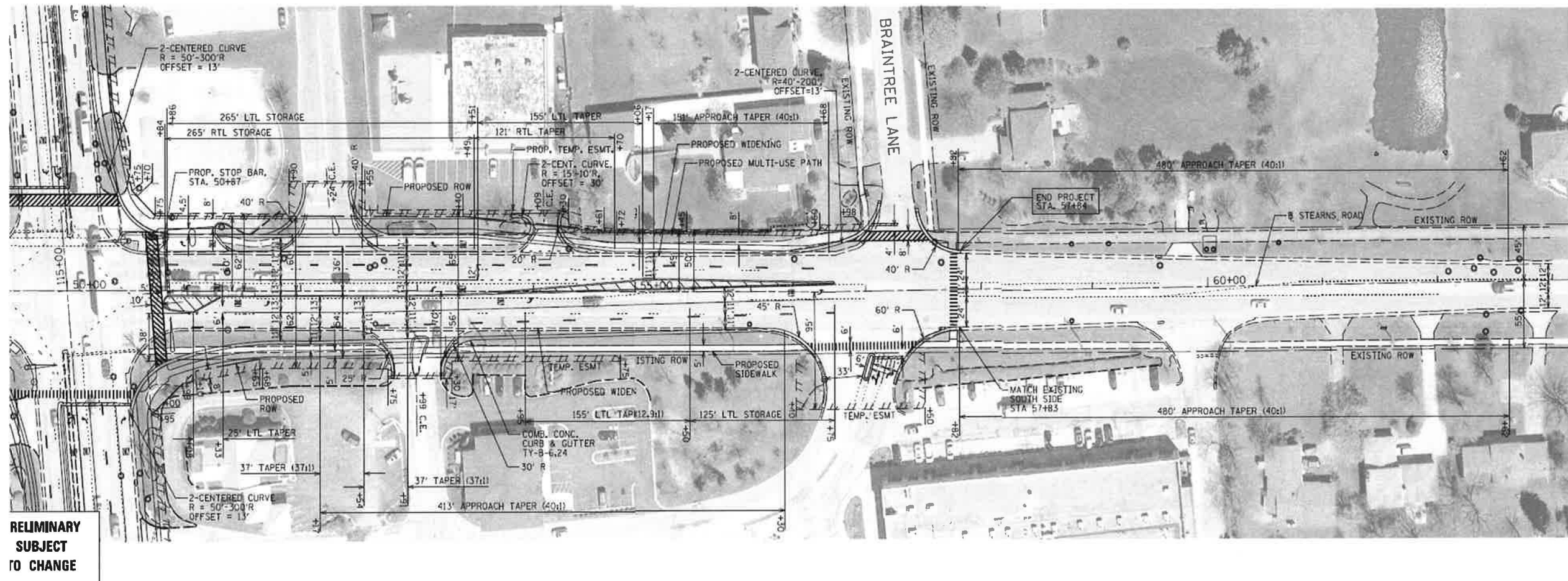
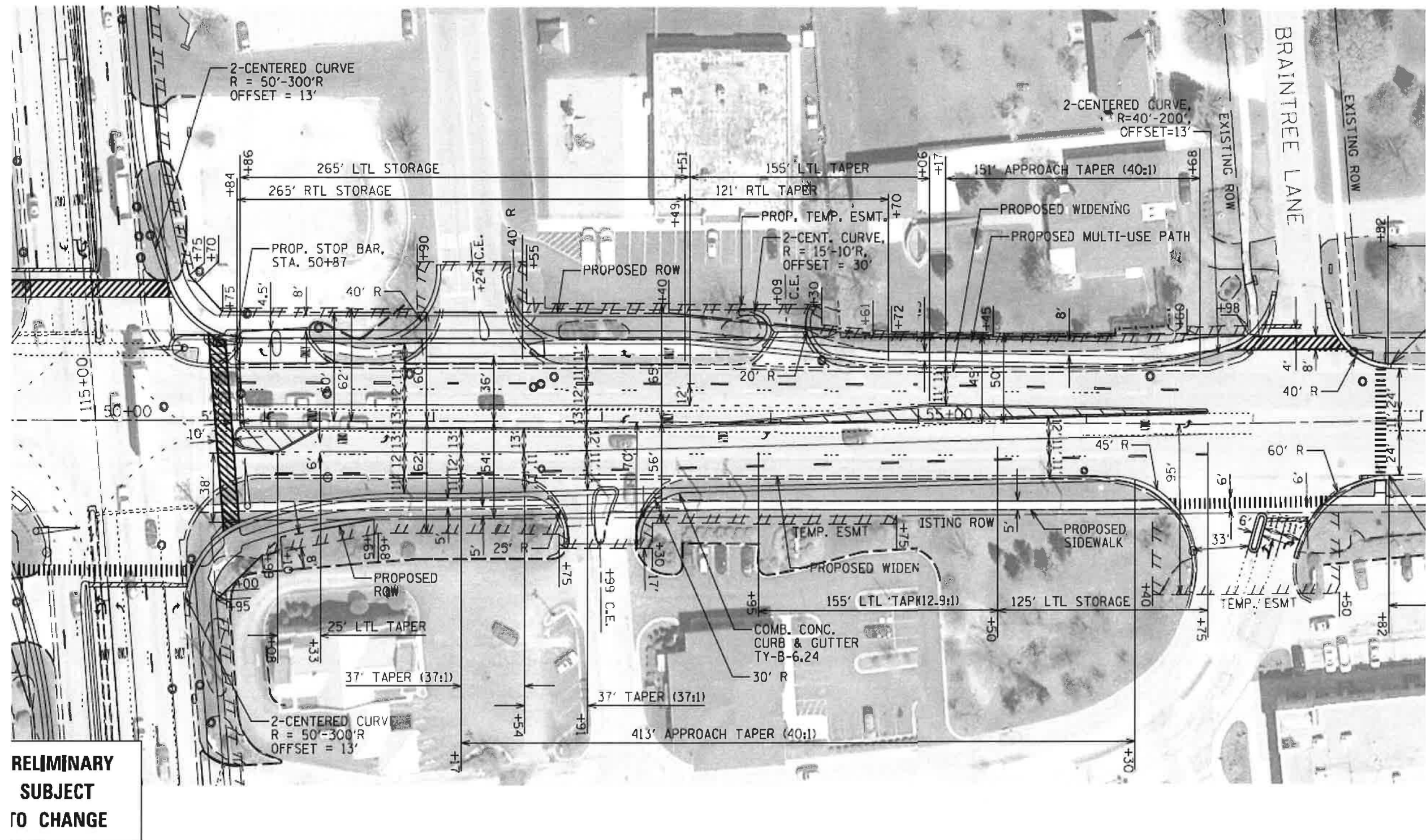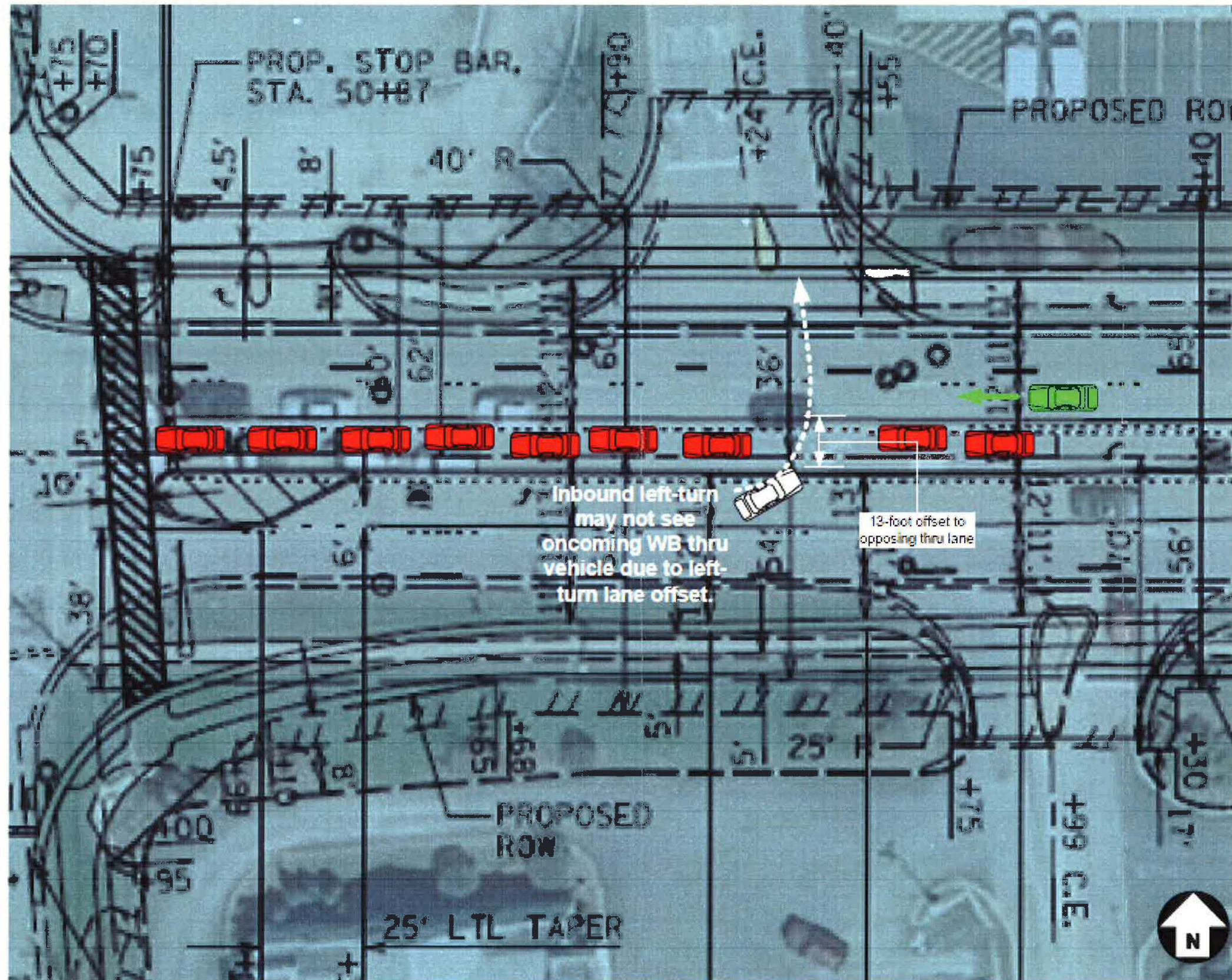Original Design Plan - Stearns Road East of Route 59 (Close-Up)

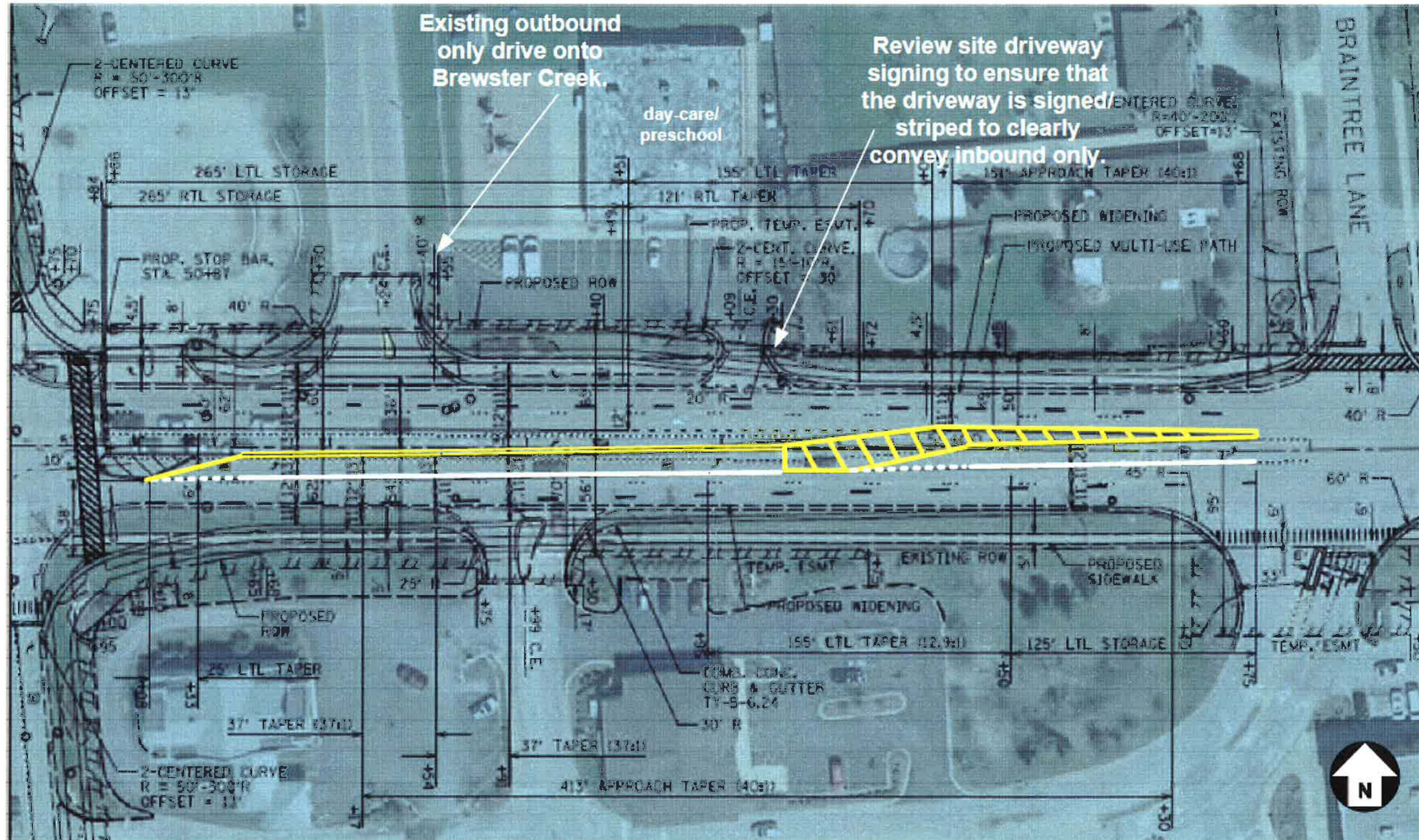# Revised Design Plan -Stearns Road
East of Route 59

Revised Design Plan -Stearns Road East of Route 59 (Close-Up)

Potential Sight Line Issue for Inbound Left Turns

Median Re-Design Considerations

Potential IL 59/Norwood Signal Installation Alternative

If a signal at Norwood were to be considered:

Have IDOT analyze workability with respect to storage requirements and closed-loop signal system operation on IL 59 as part of current Phase I study for Stearns/IL 59. Request IDOT to construct any required geometric improvements on IL 59 (at Norwood) to support signals as part of the Stearns/IL 59 project.

Signal Funding Options

a. Signalized access to IL 59 is potential access mitigation to barrier median across Brewster Creek S.C. driveway on Stearns Road. Consider requesting IDOT to include signal installation in the overall intersection project; or,

b. Signal will benefit commercial businesses on the east side of IL 59 (and potentially on the west side with access drive extension/new site development). Negotiate local business participation in signal installation and/or consider special assessment area for financing future signal installation as a permit project (secure permit concept approval for signals with IDOT parallel with the Ph. I Eng. Study process).

IL 59

3-ft. curbed median with rol-type curb and WB ramped nose.

+/- 135 ft. Storage

+/- 12 ft.

+/- 12 ft.

Norwood

"No Outlet" sign facing EB traffic

"Do-Not-Enter" Signs "EMERGENCY VEHICLES ONLY"

turn-around area

N