

EXHIBIT D

BUTTERFIELD ROAD ACCESS RELATED IMPROVEMENTS

A. Butterfield/Allanson Intersection.

The required access related improvements at the intersection of Butterfield Road and Allanson Road shall be as follows:

1. One additional through lane in each direction on both the north and south legs of Butterfield Road; for a total of two through lanes in each direction on each leg.
2. One southbound to westbound right turn lane on the north leg of Butterfield Road.
3. Two northbound to westbound left turn lanes on the south leg of Butterfield Road.
4. One southbound to eastbound left turn lane and a widened median (mirror of dual left turn lanes on the south leg) on the north leg of Butterfield Road.
5. One northbound to eastbound right turn lane on the south leg of Butterfield Road.
6. One additional westbound lane on Allanson Road from Butterfield Road to Washington Street, then tapering down to the existing pavement width, as depicted on Attachment 1 to this Exhibit to accommodate the northbound to westbound dual left turning movements from the south leg of Butterfield Road and increased westbound traffic.
7. One exclusive eastbound to southbound right turn lane and one exclusive eastbound to northbound left turn lane on Allanson Road west of Butterfield Road.
8. A five lane widening of Butterfield Road from the end of the Butterfield Road Improvements, as required pursuant to Subsection 4.C of this Agreement, on the south through the intersection of Butterfield Road and Huntington Drive South, then tapering to meet the existing pavement width, on the north as depicted on Attachment 2 to this Exhibit.
9. Modernized and upgraded traffic control signals and equipment at the intersection of Butterfield Road and Allanson Road, including an

emergency vehicle pre-emption system, a traffic signal hardware interconnect system, and a pedestrian crossing system.

B. Butterfield/Huntington Drive North Intersection.

The required access related improvements at the intersection of Butterfield Road and Huntington Drive North shall be as follows:

1. One northbound to eastbound right turn lane on the south leg of Butterfield Road.
2. One southbound to eastbound left turn lane on the north leg of Butterfield Road.
3. One eastbound to northbound left turn lane and one shared through and right turn lane on Huntington Drive North west of Butterfield Road.
4. One westbound to southbound left turn lane and one shared through and right turn lane on the Huntington Connection east of Butterfield Road.
5. Installation of traffic control signals and equipment, including an emergency vehicle pre-emption system, a traffic signal hardware interconnect system, and a pedestrian crossing system.

C. Village of Mundelein Approval.

Unless otherwise approved by the Lake County Division of Transportation, all of the improvements on Allanson Road and on Huntington Drive North west of the Butterfield Road Right-of-Way shall require the prior approval of the Village of Mundelein.

D. Traffic Signal Hardwire Interconnect.

The traffic signal hardware interconnect systems required pursuant to Paragraphs A(9) and B(5) of this Exhibit shall, at a minimum, interconnect the traffic signals at Allanson Road, Huntington Drive North, and Golf Road.

E. Pavement Structure and Lane Width.

1. All pavement structures shall be as determined by the Lake County Division of Transportation's Pavement Management System and the County's County Engineer.
2. All lane widths on Butterfield Road shall be the metric equivalent of 12 feet.

F. Metric Design Plans.

All design engineering plans shall be in metric measurements and in compliance with the standards and specifications for metric measurements as established by the Illinois Department of Transportation.

G. Construction.

1. All construction shall be done in a timely fashion.
2. All construction shall be done so as to minimize delays and interruptions to the motoring public.
3. In the event that any construction is unduly delayed or not done in compliance with the requirements of this Agreement and this Exhibit, the Lake County Division of Transportation shall have the right to draw on the letter of credit posted as a performance guarantee pursuant to Section 6 of the Cuneo Land Management Agreement, and the County shall have the right to use the funds received from said letter of credit to pay for the timely and proper completion of said construction, to reimburse the County for any associated costs incurred at a rate of 130 percent of incurred associated costs, and for all other purposes authorized pursuant to Section 6 of the Cuneo Land Management Agreement.

H. Construction Engineering.

1. Full time on-site construction supervision by one or more Resident Engineers shall be provided.
2. The Resident Engineer shall provide weekly construction reports to the Lake County Division of Transportation.
3. The Resident Engineer shall also keep all records and make all such reports as may be required by the Motor Fuel Tax requirements of the Illinois Department of Transportation.
4. The Resident Engineer shall conduct all required materials testing and shall submit the results of all such tests to the County Engineer.

I. County Engineer.

The County Engineer shall have the authority to modify the scope of the Butterfield Road access related improvement requirements set forth in this Exhibit upon the Village's written request and demonstration of good and sufficient cause.

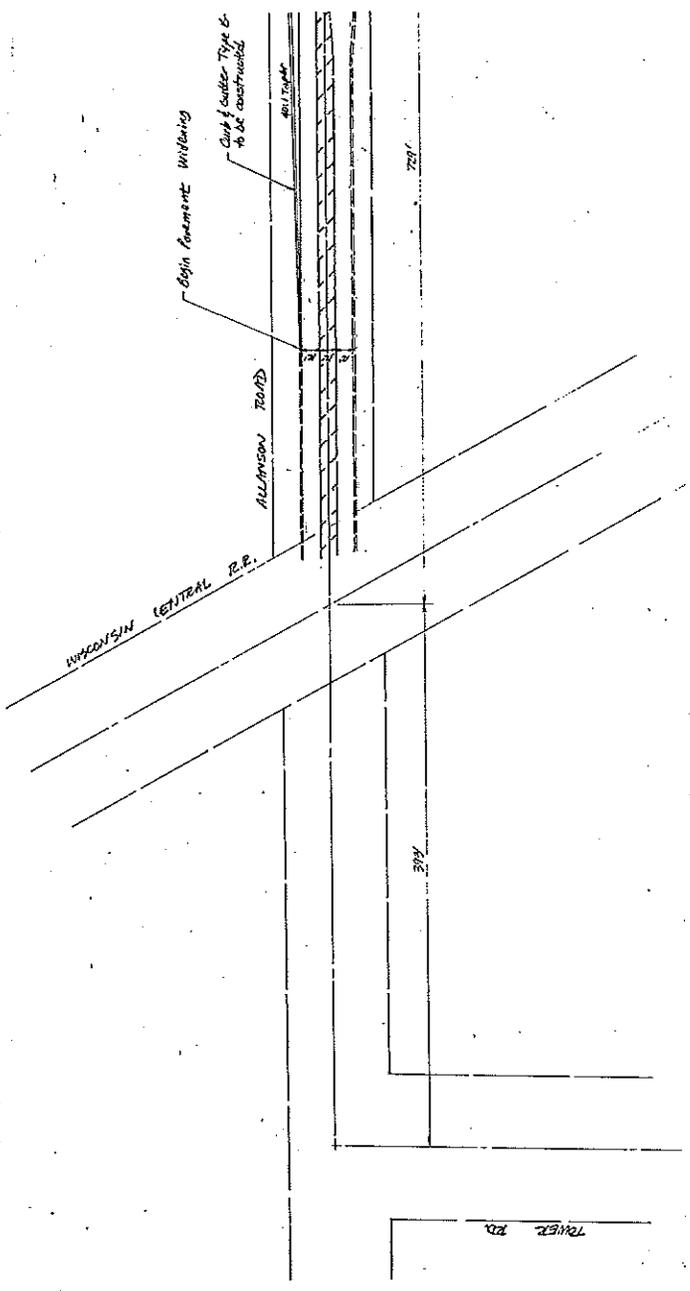
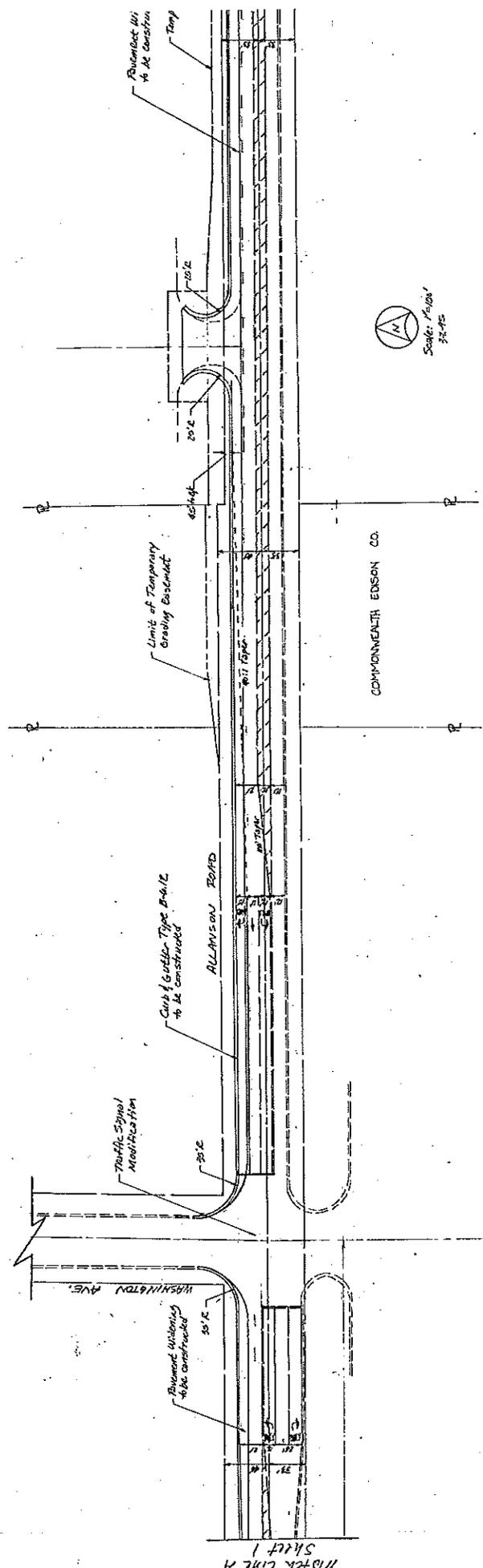
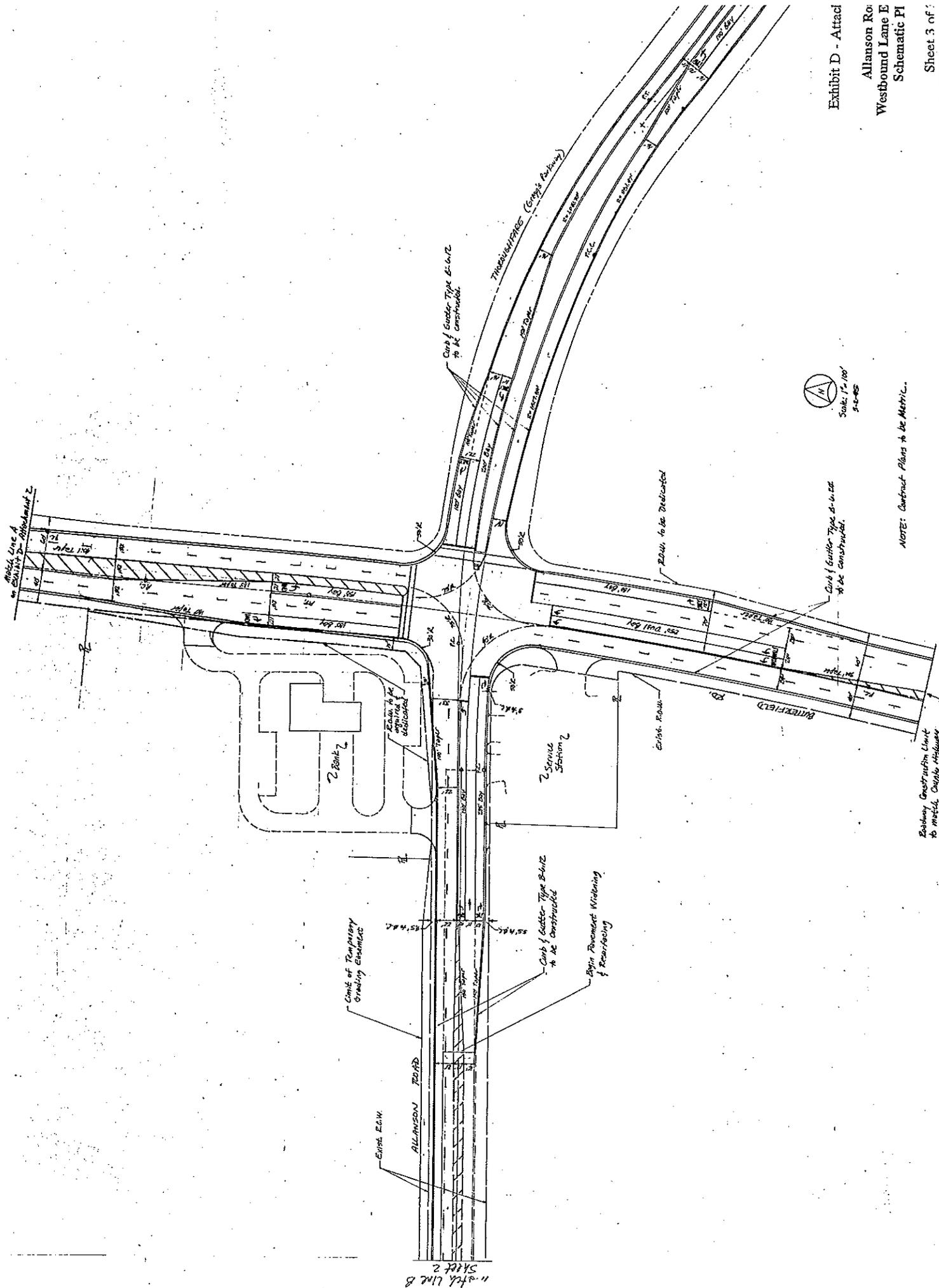


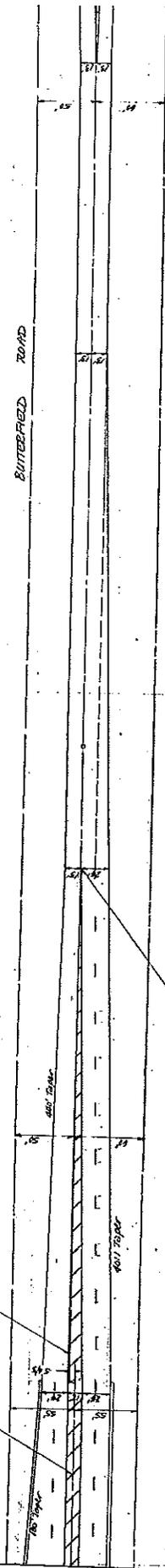
Exhibit D  
 Alla  
 Westbound  
 Sche  
 Shc



Model Line A  
Sheet 1







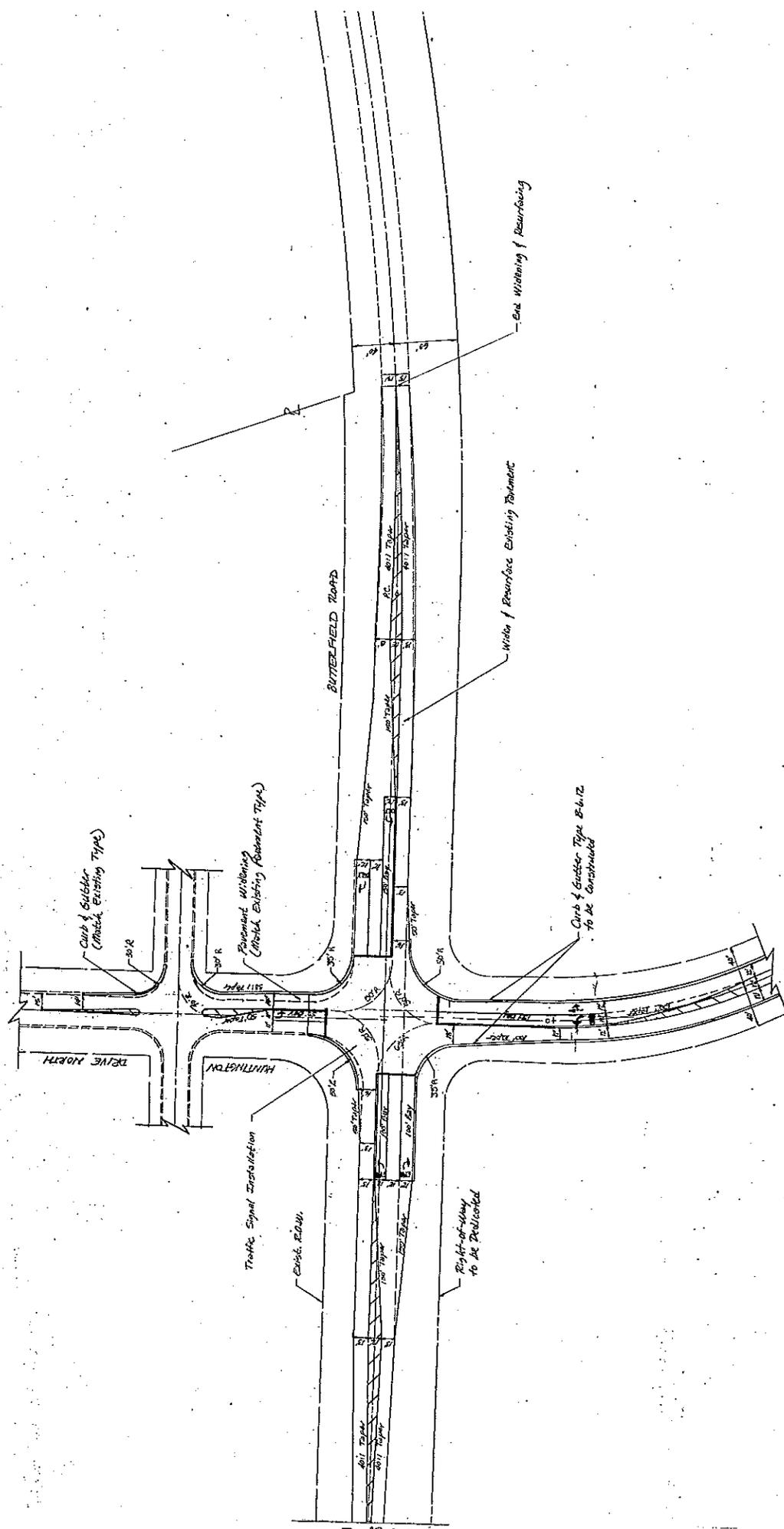
E. of Roadway Construction

Exist. Roadway E

End Pavement Reconstruction  
Begin Pavement Widening & Resurfacing

Match Line A  
Sheet 1





MAIN LINE B  
Sheet 2

