

Illinois Route 59 extends north-south throughout the City and intersects various streets and bicycle and pedestrian routes. As land continues to be developed throughout the corridor, it is recommended that the City work with developers to construct a shared-used path on one side of Route 59 and a sidewalk on the opposite side of the road. In some locations, it may be logical to install the shared-use path along both sides of the road.

For this study, the IL Route 59 corridor was broken up into six segments with logical termini and prioritized for importance of installation:

- IL Route 59 Segment 1: Ferry Road to the Illinois Prairie Path (Priority #5)
- IL Route 59 Segment 2: Illinois Prairie Path to Butterfield Road (Priority #4)
- IL Route 59 Segment 3: Butterfield Road to Continental Drive/Meadow Avenue (Priority #2)
- IL Route 59 Segment 4: Continental Drive/Meadow Avenue to Batavia Road (Priority #1)
- IL Route 59 Segment 5: Batavia Road to Mack Road (Priority #3)
- IL Route 59 Segment 6: Mack Road to Willow Lane (Priority #6)

Each segment was evaluated for existing conditions, such as ROW width, existing pedestrian facilities, and pedestrian demand, to determine the appropriate pedestrian or bicyclist route to be installed. Each segment will be detailed throughout this report, and exhibits and estimates have been prepared for each recommendation. Since the pedestrian and bicycle facilities will need to be installed within IDOT right-of-way, each project will need to go through IDOT's permitting process or be processed through IDOT Local Roads as part of an MFT or federally funded project.

IL Route 59 Segment 1: Ferry Road to the Illinois Prairie Path

This segment is the southernmost portion of the corridor that falls within City limits, although the east side of the roadway falls within Naperville limits. There is a retirement community on the east side of the roadway and a strip mall and a restaurant on the west side of the roadway.

An asphalt path currently runs along the north side of Ferry Road on the south limits of this segment and the Illinois Prairie Path on the north limits of this segment is also an asphalt path. A concrete sidewalk runs along the east side of the segment from the intersection of Ferry Road and Route 59 to approximately 115' south of the Illinois Prairie Path. There is not currently any bicycle or pedestrian facilities on the west side of roadway.

The traffic signal at the intersection with Ferry Road is equipped with pedestrian push buttons and signals at all four corners of the intersection. Therefore, traffic signal improvements are not needed at this location for additional pedestrian and bicycle facilities.

East Side

Since there is already existing sidewalk the majority of the segment length, the recommendation is to extend the concrete sidewalk to the Illinois Prairie Path. Additional work needed is removing portions of the asphalt path

to install ADA ramps at the crosswalks at the intersection with Ferry Road. See Exhibits 1-A, 1-B, and 1-C-1 for the project limits, typical sections, and estimate of cost.

This side of the roadway falls within Naperville City limits so the work would need to be coordinated/permitted through them to get completed.

West Side

The recommendation is to install a 10' asphalt shared-use path on this side of the roadway. Construction of the shared-use path will include tree clearing, ADA ramp installation at driveways and at the intersection with Ferry Road, storm sewer installation where drainage ditches currently exist, power pole relocation, sign relocation, inlet relocation, and possible wetland mitigation. See Exhibits 1-A, 1-B, and 1-C-2 for the project limits, typical sections, and estimate of cost.

IL Route 59 Segment 2: Illinois Prairie Path to Butterfield Road

This segment is mostly undeveloped land, with some residential areas, a couple businesses on the west side of the roadway, and a gas station (Speedway) on the east side of the roadway at the intersection with Butterfield Road. There are not currently any pedestrian or bicycle facilities along this segment, except for a small portion of sidewalk on the east side at the gas station near Butterfield Road.

The traffic signal at the intersection with Butterfield Road is equipped with pedestrian push buttons and signals at all four corners of the intersection. Therefore, traffic signal improvements are not needed at this location for additional pedestrian and bicycle facilities.

East Side

Due to the limited space near the Speedway's parking lot near Butterfield Road, the recommendation is to install a 5' concrete sidewalk along this side of the roadway. Construction of the sidewalk will include tree clearing, culvert extension, sign relocation including the brick Speedway sign, power pole relocation, fire hydrant relocation, light pole relocation, ADA ramp installation, easement acquisition, and possible wetland mitigation. Another challenge of this segment is the running slope from the Illinois Prairie Path up to the roadway level to ensure it complies with ADA regulations. See Exhibits 2-A, 2-B, and 2-C-1 for the project limits, typical sections, and estimate of cost.

West Side

The recommendation is to install a 10' asphalt shared-use path on this side of the roadway. Construction of the shared-use path will include tree clearing, culvert extension, ADA ramp installation at driveways, storm sewer installation where drainage ditches currently exist, power pole relocation, sign relocation, inlet relocation, and

possible wetland mitigation. Another challenge of this segment is the running slope from the Illinois Prairie Path up to the roadway level to ensure it complies with ADA regulations. See Exhibits 2-A, 2-B, and 2-C-2 for the project limits, typical sections, and estimate of cost.

West Side – Alternate

The City has an alternate plan for the shared-use path on the west side of the roadway. See the exhibit titled, “Subarea Plan for Southwest Quadrant of Rt. 56/Rt. 59”. The City’s plan involves extending Barkley Avenue south of Butterfield Road, end the extension at a future Goldsmith Drive, which will intersect with Route 59. When/if the extension is built, the shared-use path will be placed on the west side of Route 59 from the Illinois Prairie Path to south of the future Goldsmith Avenue (same as in the original plan described above), and sidewalk will be placed north of Goldsmith Avenue to Butterfield Road. The shared-use path will continue along Goldsmith Avenue and on the west side of Barkley Avenue to connect to the existing shared-use path on the north side of Butterfield Road. See Exhibits 2-A, 2-B, and 2-C-2 (ALT) for the project limits, typical sections, and estimate of cost.

IL Route 59 Segment 3: Butterfield Road to Continental Drive/Meadow Avenue

This segment has some undeveloped land, some residential areas, and a few businesses mixed in. There are not currently any pedestrian or bicycle facilities along this segment.

The traffic signal at the intersection with Continental Drive/Meadow Avenue is equipped with pedestrian push buttons and signals at all four corners of the intersection. Therefore, traffic signal improvements are not needed at this location for additional pedestrian and bicycle facilities.

East Side

The recommendation is to install a 10’ asphalt shared-use path on this side of the roadway. Construction of the shared-use path will include tree clearing, double box culvert extension, ADA ramp installation at driveways, storm sewer installation where drainage ditches currently exist, power pole relocation, sign relocation, guardrail removal, easement acquisition, and possible wetland mitigation. See Exhibits 3-A, 3-B, and 3-C-1 for the project limits, typical sections, and estimate of cost.

West Side

The recommendation is to install a 10’ asphalt shared-use path on this side of the roadway. Construction of the shared-use path will include tree clearing, double box culvert extension, ADA ramp installation at driveways, storm sewer installation where drainage ditches currently exist, power pole relocation, light pole relocation, retaining wall installation, and possible wetland mitigation. See Exhibits 3-A, 3-B, and 3-C-2 for the project limits, typical sections, and estimate of cost.

IL Route 59 Segment 4: Continental Drive/Meadow Avenue to Batavia Road

This segment is mostly commercial property, but it contains some residential areas and an apartment complex. There is currently small portion of sidewalk on both sides of the roadway near Batavia Road, approximately 380' on the east side and approximately 580' on the west side.

The traffic signal at the intersection with Batavia Road is equipped with pedestrian push buttons and signals at all four corners of the intersection. Therefore, traffic signal improvements are not needed at this location for additional pedestrian and bicycle facilities, other than minor relocation to accommodate the new layout.

East Side

The recommendation is to install a 10' asphalt shared-use path on this side of the roadway. Construction of the shared-use path will include ADA ramp installation at driveways, storm sewer installation where drainage ditches currently exist, sign relocation, light pole relocation, power pole relocation, traffic signal post relocation, and easement acquisition. This work will also include removal of the existing sidewalk (approximately 380') near the intersection with Batavia Road. See Exhibits 4-A, 4-B, and 4-C-1 for the project limits, typical sections, and estimate of cost.

West Side

The recommendation is to install a 10' asphalt shared-use path on this side of the roadway. Construction of the shared-use path will include ADA ramp installation at driveways, storm sewer installation where drainage ditches currently exist, traffic signal post relocation, and possible wetland mitigation. This work will also include removal of the existing sidewalk (approximately 580') on the northern portion of this segment. Another challenge of this segment may be running slope issues between the Sunny Apartments driveway and the driveway to the strip mall just north of it. There are already drainage issues at the Sunny Apartments complex, so this project will need to ensure that those problems are not exacerbated. See Exhibits 4-A, 4-B, and 4-C-2 for the project limits, typical sections, and estimate of cost.

IL Route 59 Segment 5: Batavia Road to Mack Road

This segment is mostly residential property, but it contains some commercial properties near Batavia Road and an apartment complex. There is currently small portion of sidewalk on the west side of the roadway near Batavia Road, approximately 260'.

The traffic signal at the intersection with Mack Road is not currently equipped with any crosswalks or pedestrian signals. A project is being developed for a shared-use path on the south side of Mack Road east of the intersection with Route 59. As traffic signal improvements of this intersection may be included as part of that project, traffic signal improvements have not been included in the estimates in this study.

East Side

The recommendation is to install a 10' asphalt shared-use path on this side of the roadway. Construction of the shared-use path will include tree clearing, ADA ramp installation at driveways and cross streets, storm sewer installation where drainage ditches currently exist, fire hydrant relocation, sign relocation, culvert extension, retaining wall installation, and easement acquisition. See Exhibits 5-A, 5-B, and 5-C-1 for the project limits, typical sections, and estimate of cost.

The northern approximately 1100' of this segment on the east side of the roadway falls within Forest Preserve District of DuPage County limits, so the work would need to be coordinated/permitted through them to get completed. This portion of the work was included in the estimate for this segment.

West Side

Due to the limited space between the edge of Route 59 and the rear yard fencing of the residential properties near Mack Road, the recommendation is to install a 5' concrete sidewalk on this side of the roadway. Construction of the sidewalk will include tree clearing and ADA ramp installation at driveways and cross streets. See Exhibits 5-A, 5-B, and 5-C-2 for the project limits, typical sections, and estimate of cost.

IL Route 59 Segment 6: Mack Road to Willow Lane

This segment consists of residential properties, undeveloped land, and a place of worship near Mack Road. There is not currently any bicycle or pedestrian facilities along Route 59 but there is sidewalk along Mack Road and Willow Lane on the west side of the roadway.

East Side

The recommendation is to install a 5' concrete sidewalk on this side of the roadway. This is due to the low pedestrian demand as this side of the roadway only contains two residential properties within the City limits. Construction of the sidewalk will include tree clearing, sign relocation, traffic signal post relocation, pedestrian railing, and possible wetland mitigation. See Exhibits 6-A, 6-B, and 6-C-1 for the project limits, typical sections, and estimate of cost. The cost estimate only includes sidewalk installation from Mack Road to the City limits (approximately 0.3 miles north of Mack Road).

West Side

The recommendation is to install a 10' asphalt shared-use path on this side of the roadway. Construction of the shared-use path would include tree clearing, culvert extension (x2), fence relocation, retaining wall relocation, power pole relocation, sign relocation, fire hydrant relocation, easement acquisition, and possible wetland mitigation. See Exhibits 6-A, 6-B, and 6-C-2 for the project limits, typical sections, and estimate of cost.

West Side – Alternate

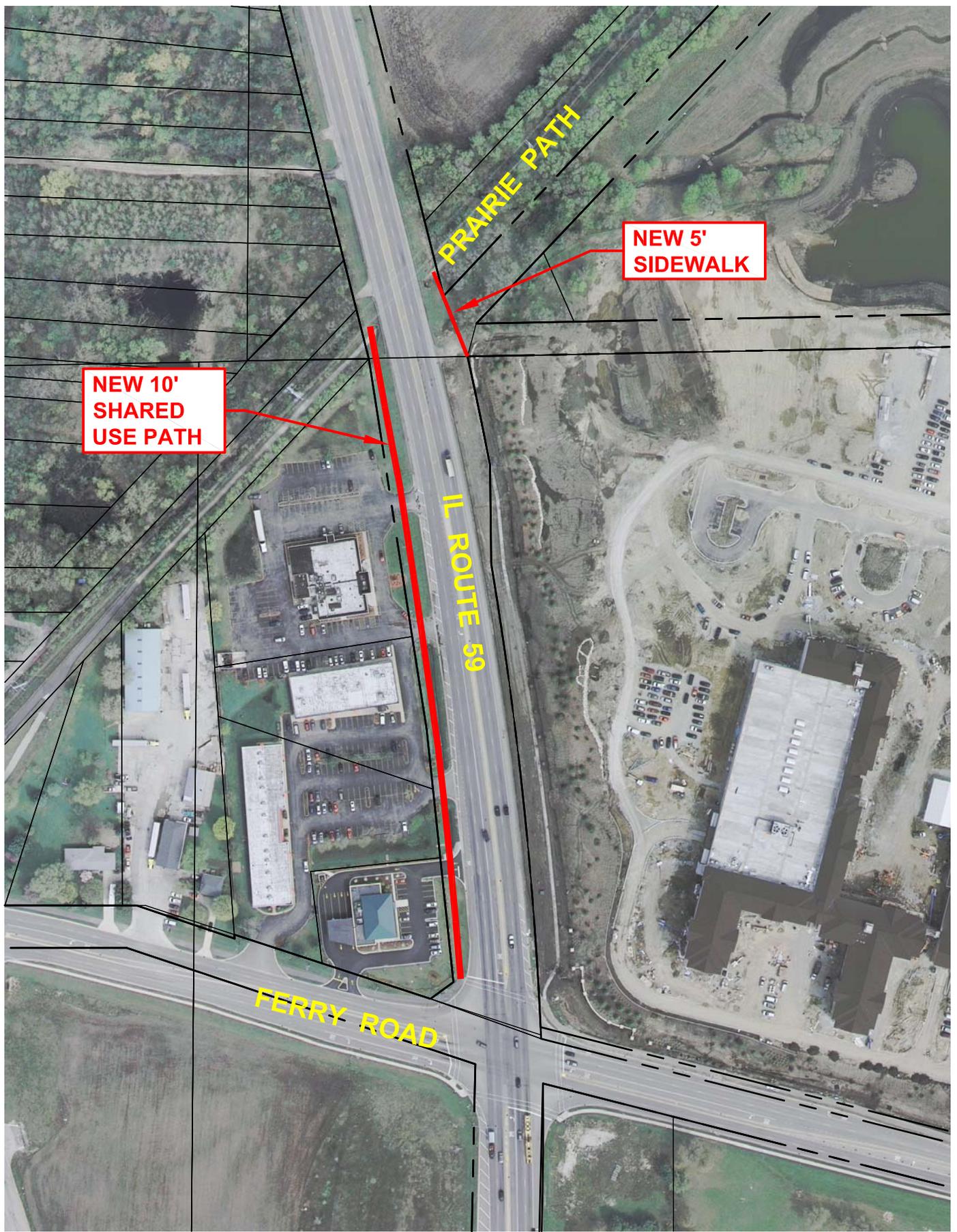
The City developed an alternate plan to connect the Maple Hill subdivision to the Fox Hollow subdivision away from the IL Route 59 corridor. The City's plan involves constructing a shared-use path from Penny Lane to Avon Drive through the Forest Preserve District of DuPage's property. This route would involve installing a shared-use path of approximately 1100', with a 500' asphalt path and a 600' boardwalk. Other work items would include timber mats to protect the wetlands from equipment, native wetlands seeding, and possible wetland mitigation. See Exhibits 6-A, 6-B, and 6-C-2 (ALT) for the project limits, typical sections, and estimate of cost.

Funding Sources

A large part of the IL Route 59 corridor is located in the proposed TIF #4 area that is slated for redevelopment. Shared-use path and sidewalk routes could be installed with the redevelopment or TIF revenue could be used to install facilities that fall within the TIF boundaries. Portions of three of the above listed segments fall within the boundaries. See attached Proposed TIF #4 Area boundary map.

Other portions of the corridor may be submitted for federal funding. Available programs include: Surface Transportation Program (STP), Congestion Mitigation and Air Quality Improvement (CMAQ) program, and Transportation Alternatives Program (TAP). Each program has slightly different scoring methodology and requirements, so each segment will need to be evaluated against the appropriate program to submit for funding. Regardless of the funding program, the City will be responsible for funding Phase I engineering.

Plotted: September 24, 2015 @ 3:47 PM By: Kris Pung - Tab: 1-A Ferry to Prairie



**FERRY ROAD TO
PRAIRIE PATH**



ROUTE 59 PEDESTRIAN/BICYCLE ACCOMODATION STUDY



Engineering Enterprises, Inc.
 52 Wheeler Road
 Sugar Grove, Illinois 60554
 630.466.6700 - www.eeiweb.com

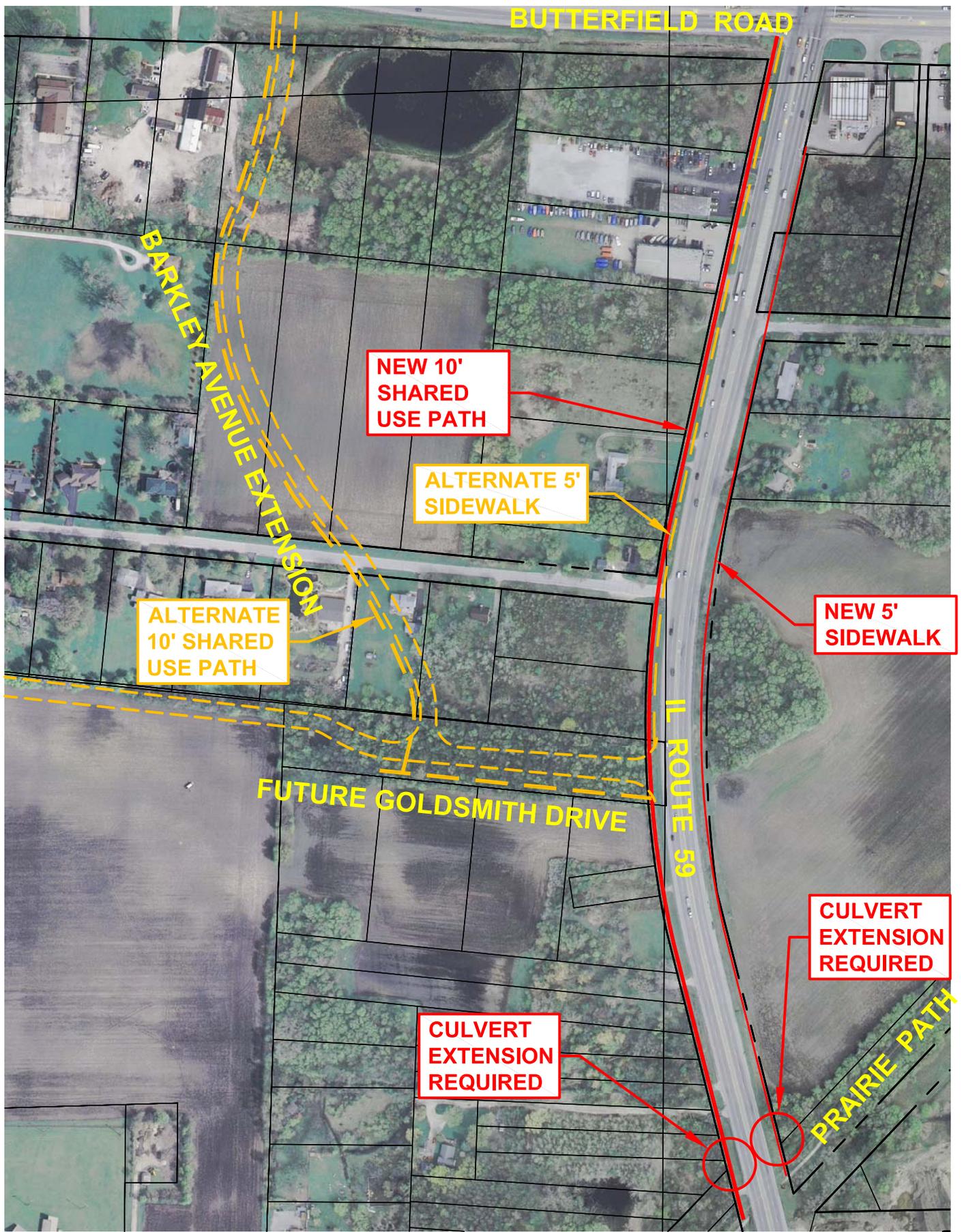
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DATE:
9/15

EXHIBIT NO:
1-A

Plotted: December 21, 2015 @ 4:41 PM By: Kris Pung -- Tab: 2-A Prairie to Butterfield



PRAIRIE PATH TO BUTTERFIELD ROAD



ROUTE 59 PEDESTRIAN/BICYCLE ACCOMODATION STUDY



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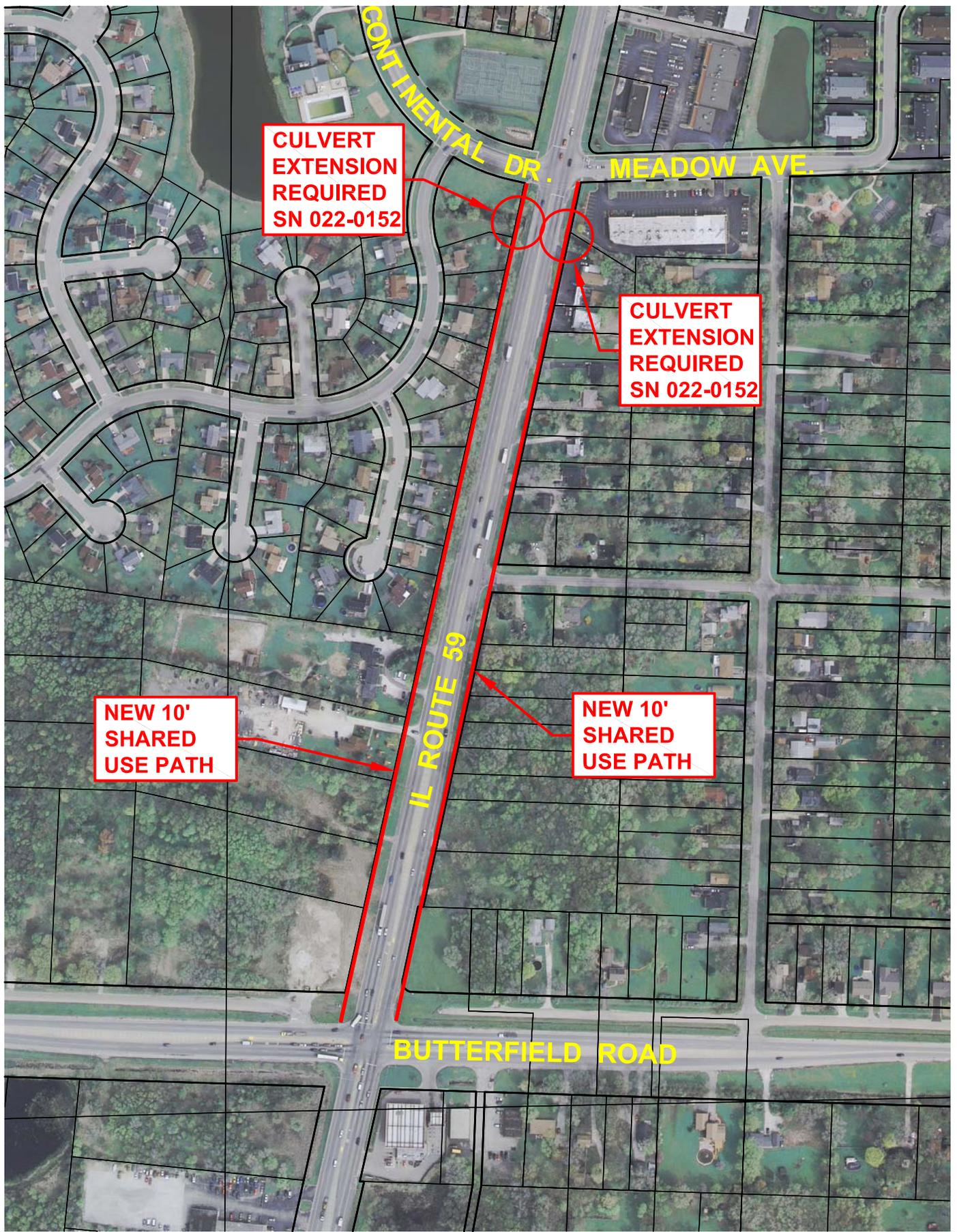
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9/15

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EXHIBIT NO:
2-A

Plotted: December 21, 2015 @ 2:25 PM By: Kris Pung - Tab: 3-A Butterfield to Continental



**BUTTERFIELD ROAD
TO CONTINENTAL DR.
/ MEADOW AVE.**



ROUTE 59 PEDESTRIAN/BICYCLE ACCOMODATION STUDY



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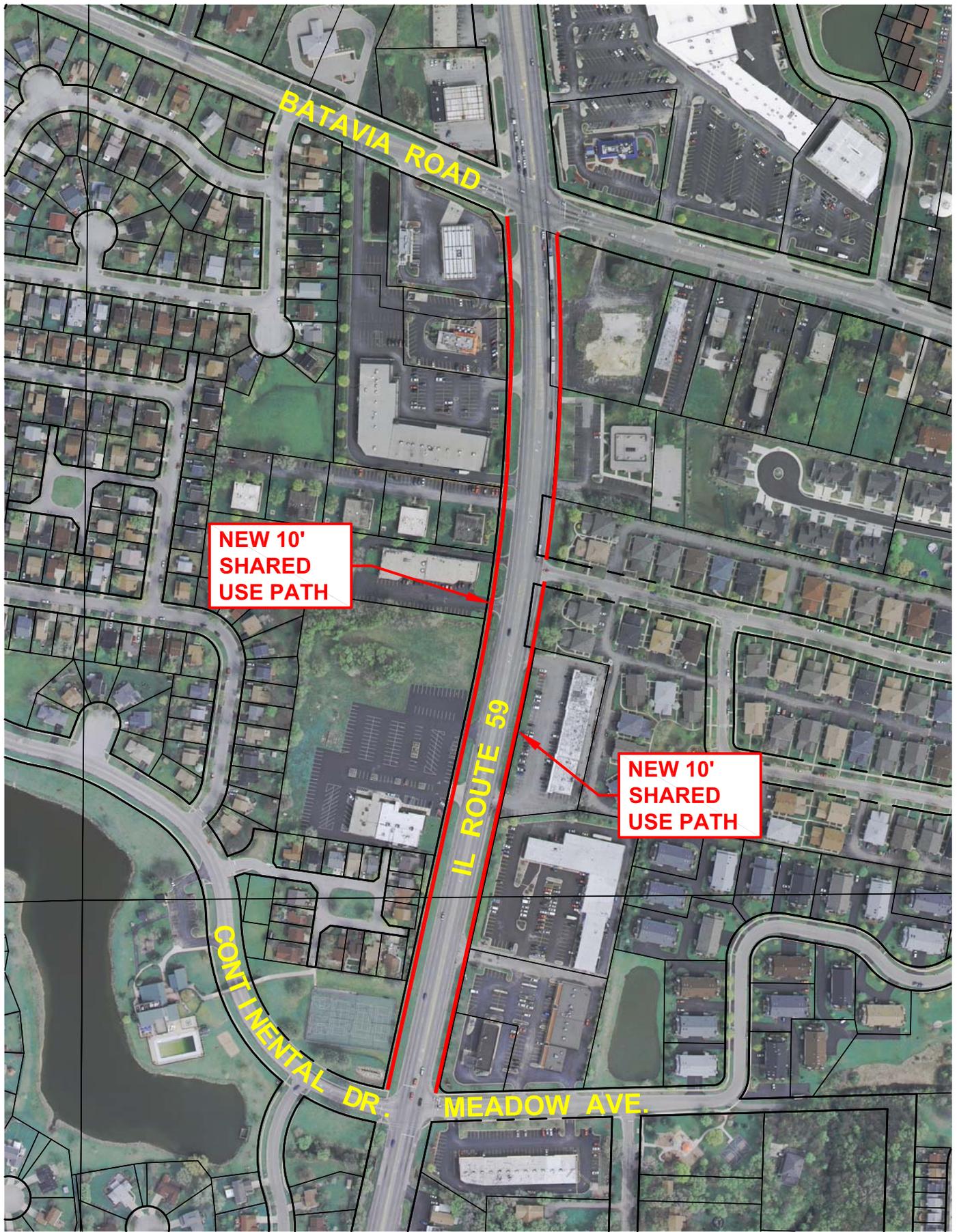
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EXHIBIT NO:
3-A

Plotted: December 21, 2015 @ 4:43 PM By: Kris Pung - Tab: 4-A Continental to Batavia



**CONTINENTAL DR. /
MEADOW AVE. TO
BATAVIA ROAD**



ROUTE 59 PEDESTRIAN/BICYCLE ACCOMODATION STUDY



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SCALE:
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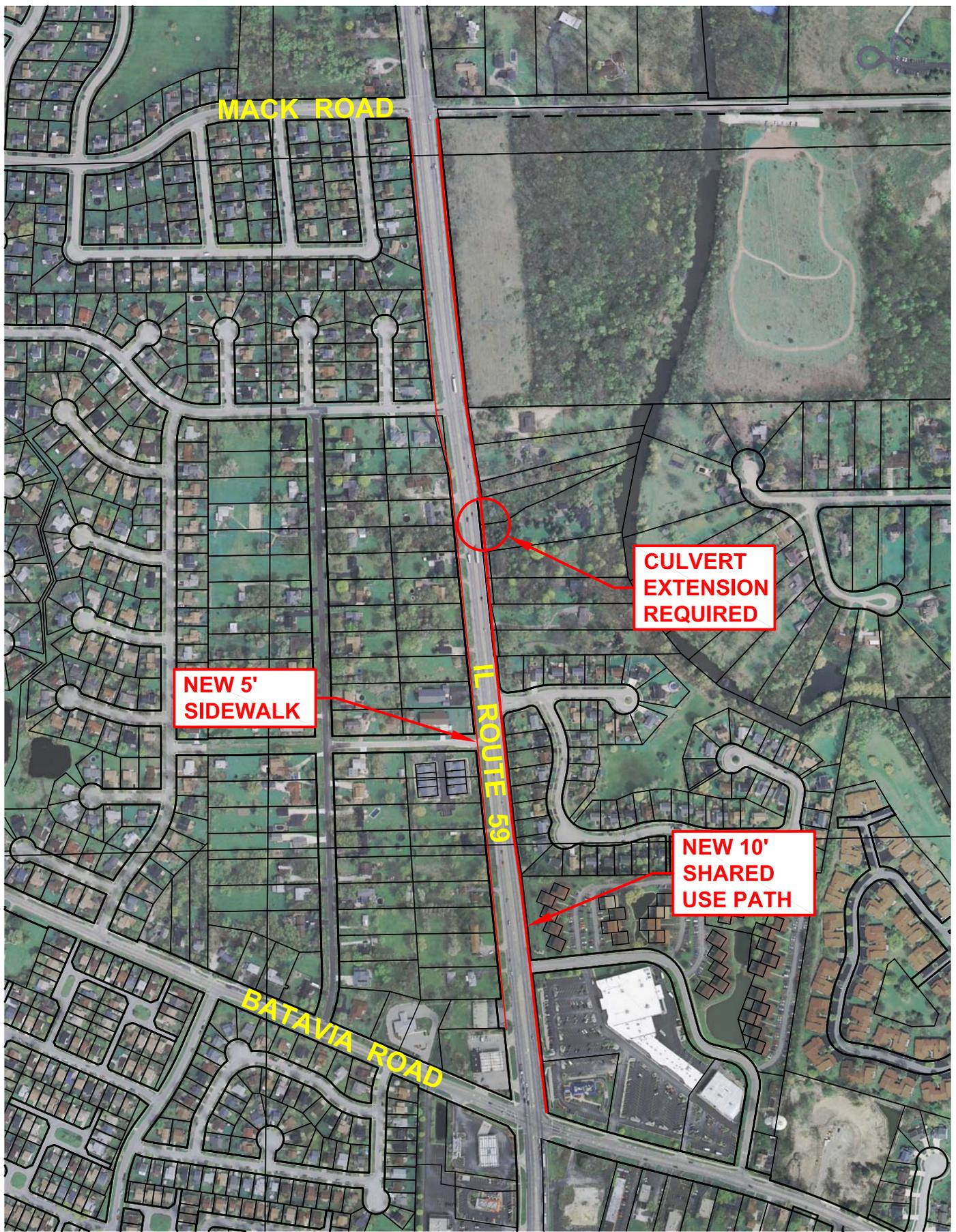
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9/15

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Plotted: December 21, 2015 @ 2:29 PM By: Kris Pung -- Tab: 5-A Batavia to Mack



**BATAVIA ROAD
TO MACK ROAD**



ROUTE 59 PEDESTRIAN/BICYCLE ACCOMODATION STUDY



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SCALE:
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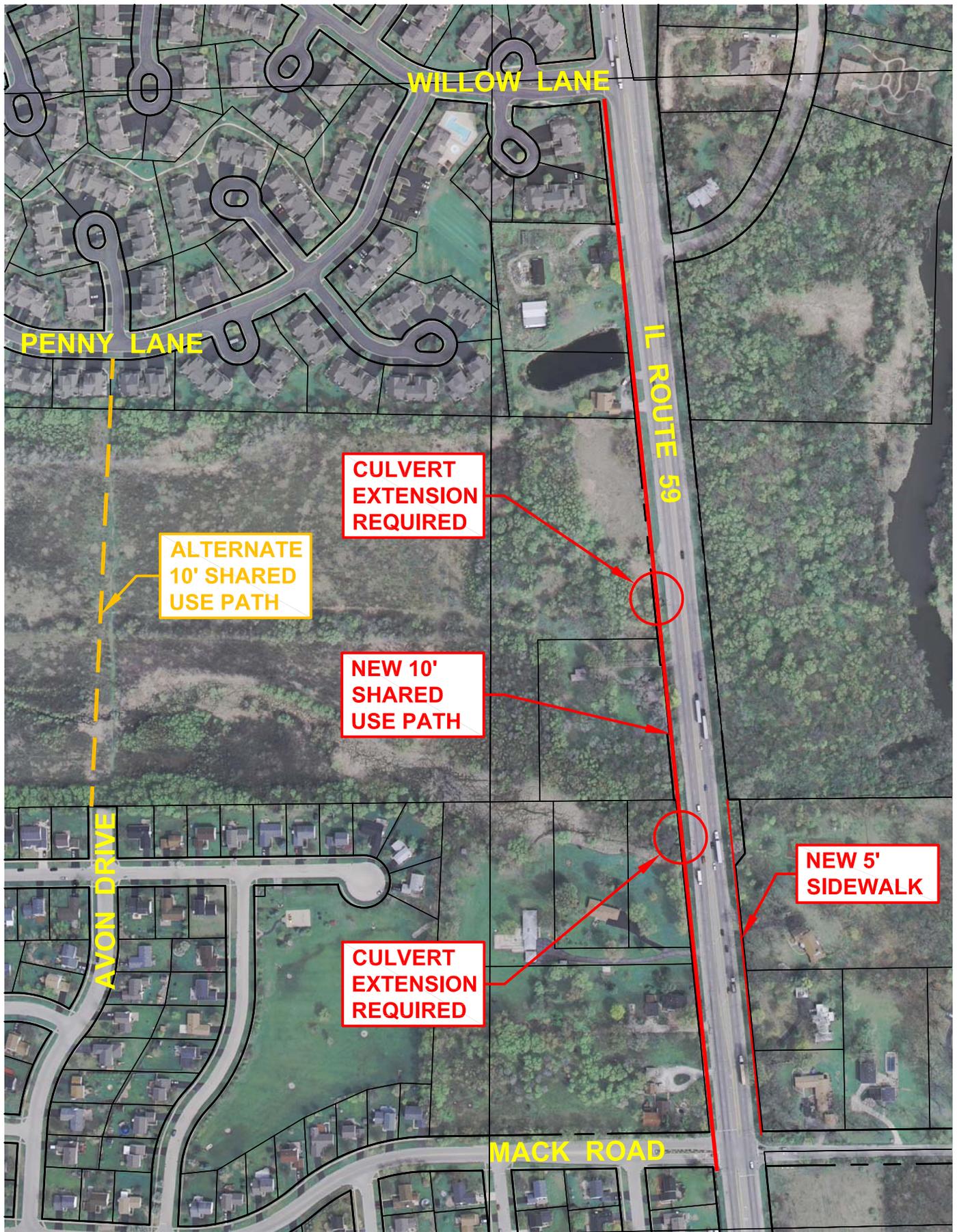
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5-A

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Plotted: December 21, 2015 @ 4:46 PM By: Kris Pung - Tab: 6-A Mack to Willow



**MACK ROAD TO
WILLOW LANE**



ROUTE 59 PEDESTRIAN/BICYCLE ACCOMODATION STUDY



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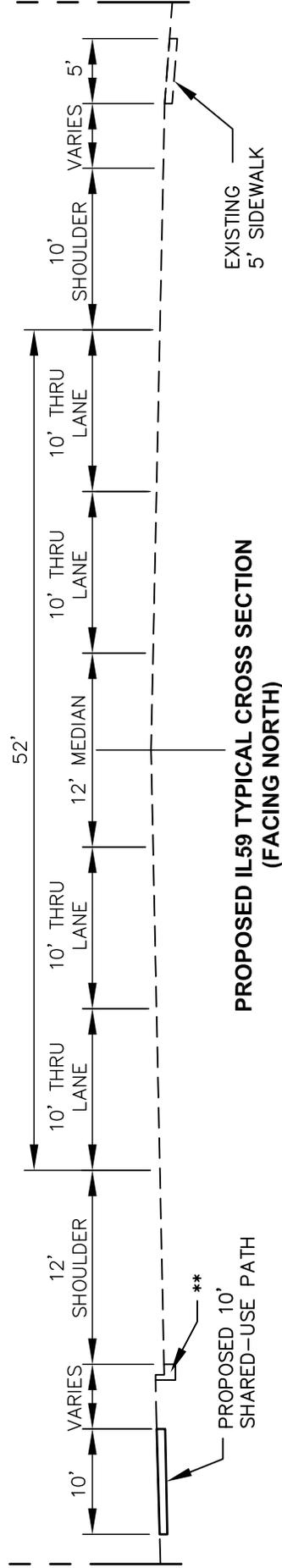
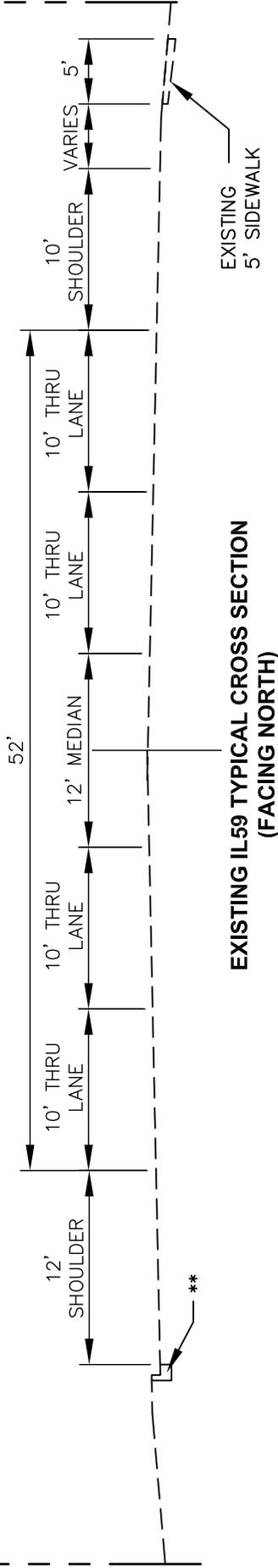
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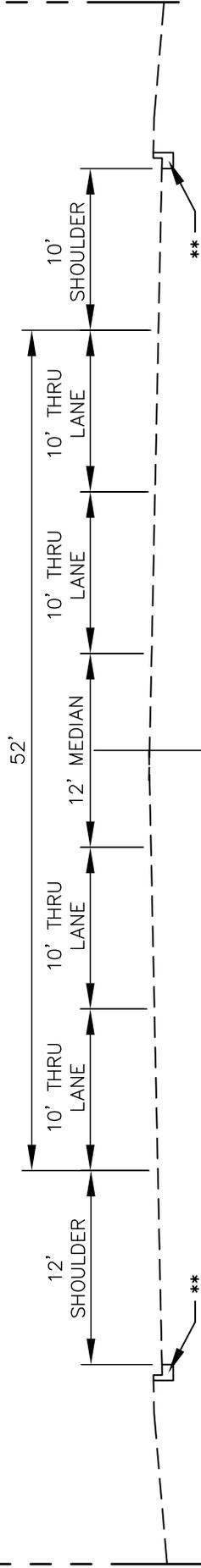
FERRY ROAD TO PRAIRIE PATH



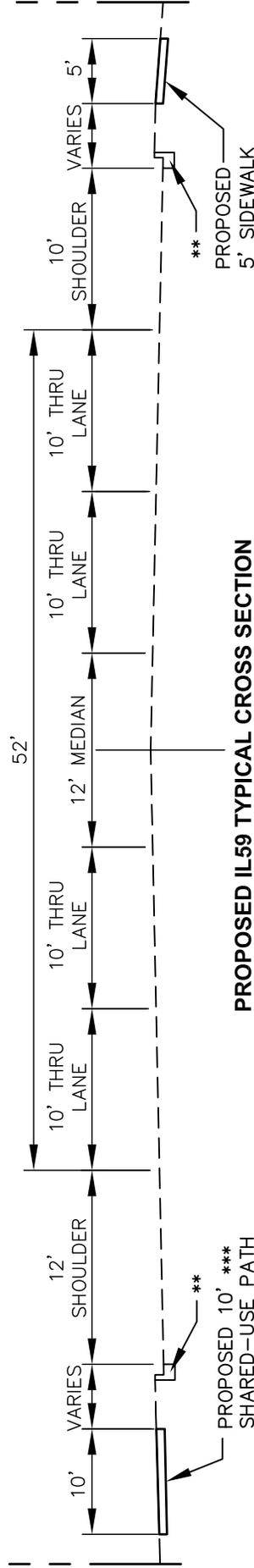
- * COORDINATION WITH IDOT REQUIRED FOR ALL WORK DUE TO JURISDICTIONAL LIMITATIONS.
- ** CURB AND GUTTER ENDS NORTH OF RESTAURANT DRIVEWAY ENTRANCE (4S040 ROUTE 59)

ROUTE 59 PEDESTRIAN/BICYCLE ACCOMMODATION STUDY	
 Engineering Enterprises, Inc. 52 Wheeler Road Sugar Grove, Illinois 60554 630.466.6700 - www.eeiweb.com	SCALE: N.T.S. DATE: 9/15
DRAWN BY: CLN	EXHIBIT: 1-B

PRAIRIE PATH TO BUTTERFIELD ROAD



**EXISTING IL59 TYPICAL CROSS SECTION
(FACING NORTH)**



**PROPOSED IL59 TYPICAL CROSS SECTION
(FACING NORTH)**

* COORDINATION WITH IDOT REQUIRED FOR ALL WORK DUE TO JURISDICTIONAL LIMITATIONS.

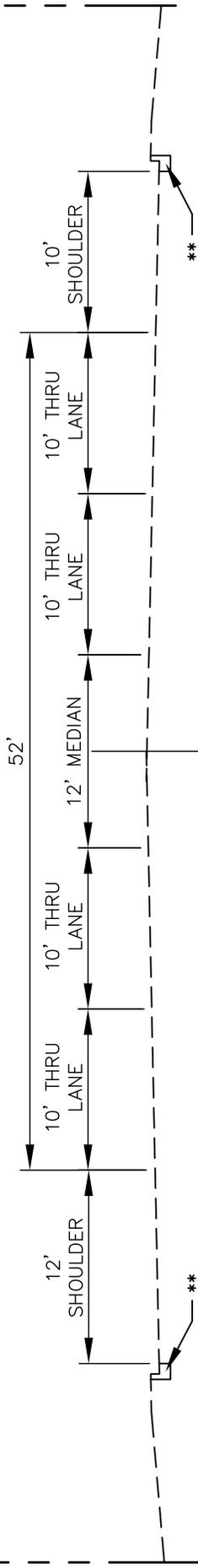
** CURB AND GUTTER FROM ALBRIGHT STREET TO BUTTERFIELD ROAD.

*** WITH THE ALTERNATE 10' SHARED USE PATH ROUTE ALONG THE FUTURE GOLDSMITH DRIVE AND BARKLEY AVENUE EXTENSION, THIS WILL BECOME A 5' SIDEWALK NORTH OF GOLDSMITH DRIVE.

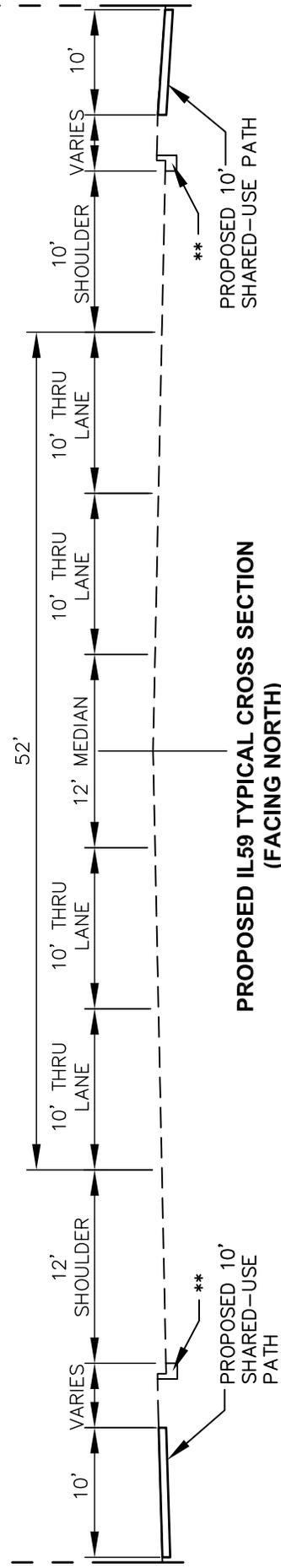
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BUTTERFIELD ROAD TO CONTINENTAL DR. / MEADOW AVE.



**EXISTING IL59 TYPICAL CROSS SECTION
(FACING NORTH)**

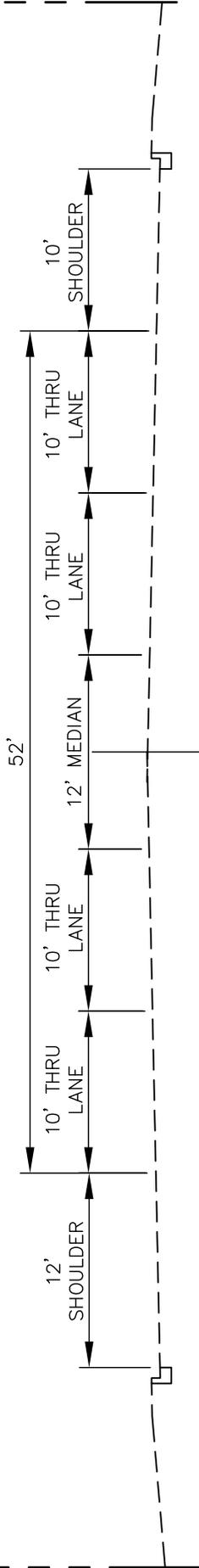


**PROPOSED IL59 TYPICAL CROSS SECTION
(FACING NORTH)**

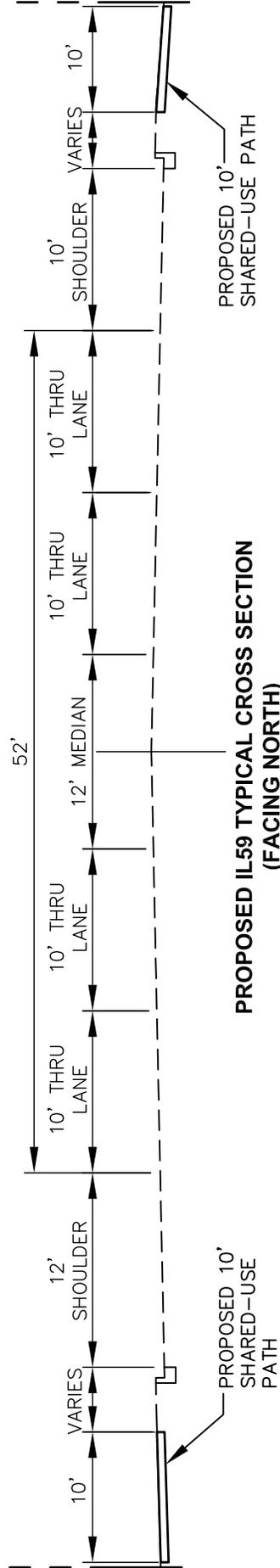
- * COORDINATION WITH IDOT REQUIRED FOR ALL WORK DUE TO JURISDICTIONAL LIMITATIONS.
- ** CURB AND GUTTER FROM BUTTERFIELD ROAD TO PRAIRIE AVENUE.

ROUTE 59 PEDESTRIAN/BICYCLE ACCOMMODATION STUDY	
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CONTINENTAL DR. / MEADOW AVE. TO BATAVIA ROAD



**EXISTING IL59 TYPICAL CROSS SECTION
(FACING NORTH)**

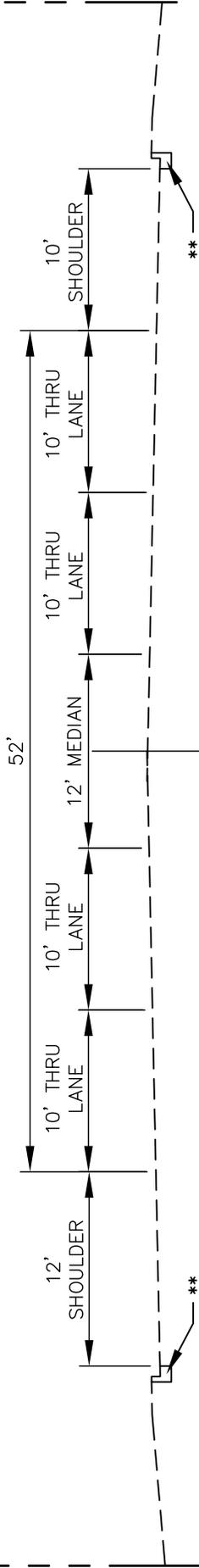


**PROPOSED IL59 TYPICAL CROSS SECTION
(FACING NORTH)**

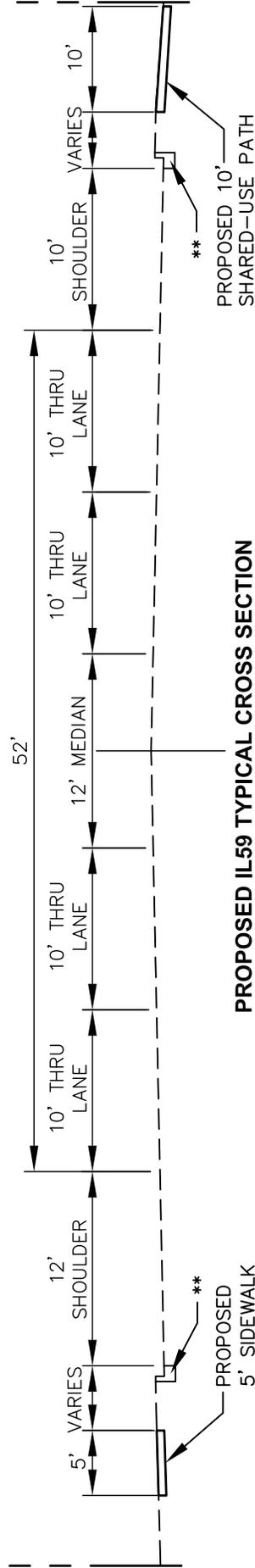
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ROUTE 59 PEDESTRIAN/BICYCLE ACCOMMODATION STUDY	
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BATAVIA ROAD TO MACK ROAD



**EXISTING IL59 TYPICAL CROSS SECTION
(FACING NORTH)**

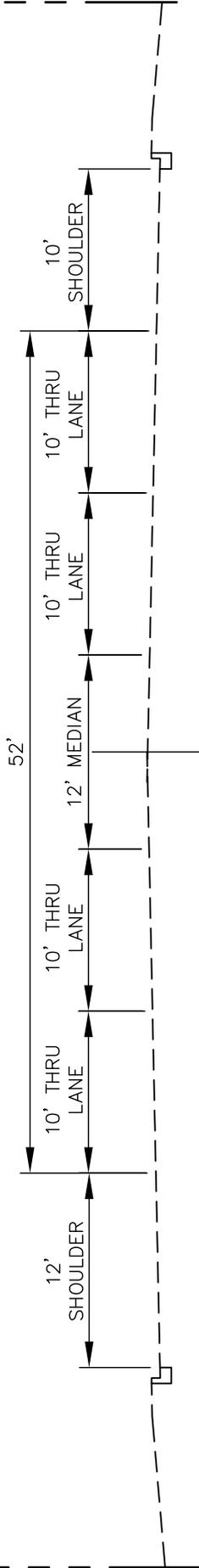


**PROPOSED IL59 TYPICAL CROSS SECTION
(FACING NORTH)**

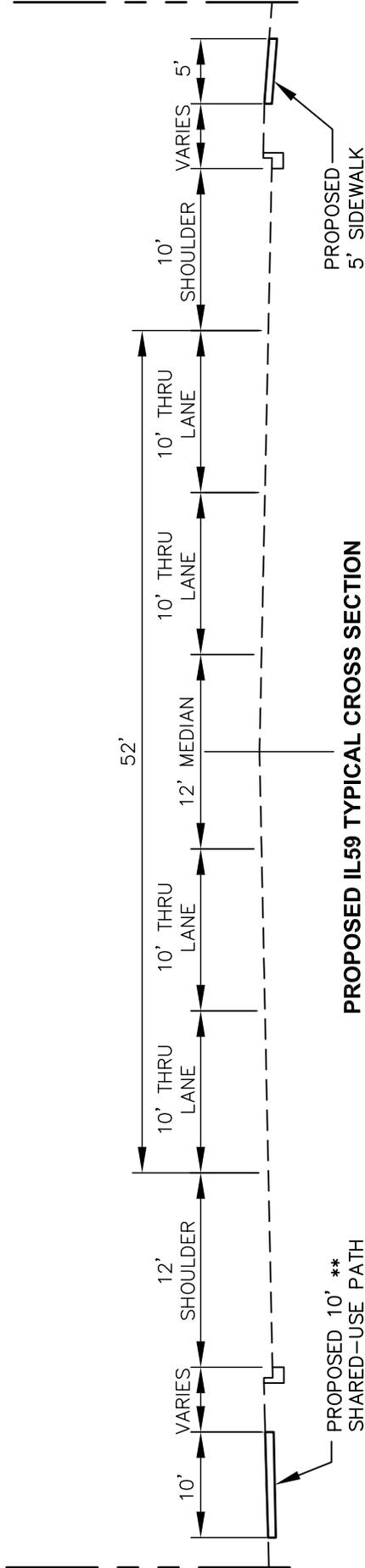
- * COORDINATION WITH IDOT REQUIRED FOR ALL WORK DUE TO JURISDICTIONAL LIMITATIONS.
- ** CURB AND GUTTER FROM BATAVIA ROAD TO COUNTRY RIDGE DRIVE AND FROM APPROX. 450' NORTH OF BRANCH AVENUE TO MACK ROAD.

ROUTE 59 PEDESTRIAN/BICYCLE ACCOMMODATION STUDY	
SCALE: N.T.S.	DRAWN BY: CLN
DATE: 9/15	EXHIBIT: 5-B
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MACK ROAD TO WILLOW LANE



**EXISTING IL59 TYPICAL CROSS SECTION
(FACING NORTH)**



**PROPOSED IL59 TYPICAL CROSS SECTION
(FACING NORTH)**

* COORDINATION WITH IDOT REQUIRED FOR ALL WORK DUE TO JURISDICTIONAL LIMITATIONS.

** WITH THE ALTERNATE 10' SHARED USE PATH FROM AVON DRIVE TO PENNY LANE THROUGH THE FOREST PRESERVE DISTRICT OF DUPAGE'S PROPERTY, THIS PATH WILL NOT BE CONSTRUCTED.

 Engineering Enterprises, Inc. 52 Wheeler Road Sugar Grove, Illinois 60554 630.466.6700 - www.eeiweb.com		SCALE: N.T.S.	DRAWN BY: CLN
		DATE: 9/15	EXHIBIT: 6-B

ROUTE 59 PEDESTRIAN/BICYCLE ACCOMMODATION STUDY

Ferry Road to Prairie Path - East
sidewalk extension

Exhibit 1-C-1

No.	Description	Unit	Quantity	Unit Price	Total Price
1	EARTH EXCAVATION	CU YD	20	\$35.00	\$700.00
2	TOPSOIL FURNISH AND PLACE, 4"	SQ YD	60	\$8.00	\$480.00
3	SEEDING, CLASS 2A	ACRE	0.015	\$4,000.00	\$60.00
4	NITROGEN FERTILIZER NUTRIENT	POUND	10	\$4.00	\$40.00
5	PHOSPHORUS FERTILIZER NUTRIENT	POUND	10	\$4.00	\$40.00
6	POTASSIUM FERTILIZER NUTRIENT	POUND	10	\$4.00	\$40.00
7	EROSION CONTROL BLANKET	SQ YD	60	\$2.50	\$150.00
8	PERIMETER EROSION BARRIER	FOOT	230	\$2.00	\$460.00
9	AGGREGATE BASE COURSE, TYPE B, 2"	SQ YD	80	\$4.00	\$320.00
10	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SQ FT	675	\$8.00	\$5,400.00
11	DETECTABLE WARNINGS	SQ FT	40	\$35.00	\$1,400.00
12	PAVEMENT REMOVAL	SQ YD	12	\$20.00	\$240.00
13	TRAFFIC CONTROL AND PROTECTION	L SUM	1	\$1,000.00	\$1,000.00
14	PERMITTING	L SUM	1	\$1,000.00	\$1,000.00
15	MOBILIZATION	L SUM	1	\$680.00	\$680.00
Sub-total Construction Costs:					\$12,010.00
10% Contingency					\$1,201.00
Total Construction Cost with Contingency:					\$13,211.00
Phase II Engineering (Approx. 20%):					\$2,700.00
Phase III Engineering & Material Testing (Approx. 20%):					\$2,700.00
Total Estimated Project Cost:					\$18,611.00

Ferry Road to Prairie Path - West
bike path

Exhibit 1-C-2

No.	Description	Unit	Quantity	Unit Price	Total Price
1	TREE REMOVAL, ACRES	ACRE	0.03	\$15,000.00	\$450.00
2	EARTH EXCAVATION	CU YD	490	\$35.00	\$17,150.00
3	TRENCH BACKFILL	CU YD	100	\$45.00	\$4,500.00
4	GEOTECHNICAL FABRIC FOR GROUND STABILIZATION	SQ YD	1070	\$3.00	\$3,210.00
5	TOPSOIL FURNISH AND PLACE, 4"	SQ YD	980	\$8.00	\$7,840.00
6	SEEDING, CLASS 2A	ACRE	0.2	\$4,000.00	\$800.00
7	NITROGEN FERTILIZER NUTRIENT	POUND	20	\$4.00	\$80.00
8	PHOSPHORUS FERTILIZER NUTRIENT	POUND	20	\$4.00	\$80.00
9	POTASSIUM FERTILIZER NUTRIENT	POUND	20	\$4.00	\$80.00
10	EROSION CONTROL BLANKET	SQ YD	980	\$2.50	\$2,450.00
11	PERIMETER EROSION BARRIER	FOOT	1750	\$2.00	\$3,500.00
12	TREE REPLACEMENT	EACH	7	\$500.00	\$3,500.00
13	AGGREGATE BASE COURSE, TYPE B, 2"	SQ YD	60	\$4.00	\$240.00
14	AGGREGATE BASE COURSE, TYPE B, 8"	SQ YD	1070	\$15.00	\$16,050.00
15	BITUMINOUS MATERIALS (PRIME COAT)	POUND	2625	\$1.00	\$2,625.00
16	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50	TON	140	\$90.00	\$12,600.00
17	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50	TON	90	\$120.00	\$10,800.00
18	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SQ FT	500	\$8.00	\$4,000.00
19	DETECTABLE WARNINGS	SQ FT	200	\$35.00	\$7,000.00
20	PAVEMENT REMOVAL	SQ YD	12	\$20.00	\$240.00
21	COMBINATION CURB AND GUTTER REMOVAL	FOOT	160	\$15.00	\$2,400.00
22	CLASS D PATCHES	SQ YD	40	\$100.00	\$4,000.00
23	STORM SEWERS, CLASS A, TYPE 2, 18"	FOOT	265	\$70.00	\$18,550.00
24	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12	FOOT	160	\$25.00	\$4,000.00
25	RELOCATE SIGN PANEL ASSEMBLY - TYPE A	EACH	2	\$200.00	\$400.00
26	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	215	\$4.00	\$860.00
27	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	444	\$8.00	\$3,552.00
28	INLETS TO BE MOVED	EACH	3	\$1,500.00	\$4,500.00
29	REMOVE AND RESET POWER POLE	EACH	1	\$2,500.00	\$2,500.00
30	FRAMES AND LIDS TO BE ADJUSTED (SPECIAL)	EACH	2	\$800.00	\$1,600.00
31	WETLAND MITIGATION (IF NECESSARY)	ACRE	0.1	\$175,000.00	\$17,500.00
32	TRAFFIC CONTROL AND PROTECTION	L SUM	1	\$10,000.00	\$10,000.00
33	PATH SIGNING	L SUM	1	\$3,000.00	\$3,000.00
34	PERMITTING	L SUM	1	\$5,000.00	\$5,000.00
35	MOBILIZATION	L SUM	1	\$10,510.00	\$10,510.00
Sub-total Construction Costs:					\$185,570.00
10% Contingency					\$18,557.00
Total Construction Cost with Contingency:					\$204,127.00
Phase II Engineering (Approx. 10%):					\$20,500.00
Phase III Engineering & Material Testing (Approx. 10%):					\$20,500.00
Total Estimated Project Cost:					\$245,127.00

Prairie Path to Butterfield - East
sidewalk

Exhibit 2-C-1

No.	Description	Unit	Quantity	Unit Price	Total Price
1	TREE REMOVAL, ACRES	ACRE	0.05	\$15,000.00	\$750.00
2	EARTH EXCAVATION	CU YD	370	\$35.00	\$12,950.00
3	FURNISHED EXCAVATION	CU YD	2230	\$25.00	\$55,750.00
4	TRENCH BACKFILL	CU YD	80	\$45.00	\$3,600.00
5	TOPSOIL FURNISH AND PLACE, 4"	SQ YD	1080	\$8.00	\$8,640.00
6	SEEDING, CLASS 2A	ACRE	0.3	\$4,000.00	\$1,200.00
7	NITROGEN FERTILIZER NUTRIENT	POUND	30	\$4.00	\$120.00
8	PHOSPHORUS FERTILIZER NUTRIENT	POUND	30	\$4.00	\$120.00
9	POTASSIUM FERTILIZER NUTRIENT	POUND	30	\$4.00	\$120.00
10	EROSION CONTROL BLANKET	SQ YD	1080	\$2.50	\$2,700.00
11	PERIMETER EROSION BARRIER	FOOT	4830	\$2.00	\$9,660.00
12	TREE REPLACEMENT	EACH	11	\$500.00	\$5,500.00
13	AGGREGATE BASE COURSE, TYPE B, 2"	SQ YD	1350	\$4.00	\$5,400.00
14	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SQ FT	12075	\$8.00	\$96,600.00
15	DETECTABLE WARNINGS	SQ FT	40	\$35.00	\$1,400.00
16	COMBINATION CURB AND GUTTER REMOVAL	FOOT	20	\$15.00	\$300.00
17	SIDEWALK REMOVAL	SQ FT	25	\$3.50	\$87.50
18	CLASS D PATCHES	SQ YD	10	\$100.00	\$1,000.00
19	CONCRETE HEADWALL REMOVAL	EACH	2	\$600.00	\$1,200.00
20	STRUCTURE EXCAVATION	CU YD	30	\$35.00	\$1,050.00
21	BOX CULVERT END SECTIONS	EACH	1	\$2,500.00	\$2,500.00
22	PRECAST CONCRETE BOX CULVERTS 5' X 5'	FOOT	15	\$1,000.00	\$15,000.00
23	STORM SEWERS, CLASS A, TYPE 2, 18"	FOOT	200	\$70.00	\$14,000.00
24	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12	FOOT	20	\$25.00	\$500.00
25	RELOCATE SIGN PANEL ASSEMBLY - TYPE A	EACH	1	\$200.00	\$200.00
26	RELOCATE SIGN PANEL ASSEMBLY - TYPE B	EACH	1	\$300.00	\$300.00
27	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	55	\$4.00	\$220.00
28	FIRE HYDRANTS TO BE MOVED	EACH	1	\$1,500.00	\$1,500.00
29	LIGHT POLE FOUNDATION, 24" DIAMETER	FOOT	4	\$250.00	\$1,000.00
30	REMOVAL OF POLE FOUNDATION	EACH	1	\$350.00	\$350.00
31	RELOCATE EXISTING LIGHTING UNIT	EACH	1	\$5,000.00	\$5,000.00
32	REMOVE AND RELOCATE SIGN (SPECIAL)	EACH	1	\$5,000.00	\$5,000.00
33	WETLAND MITIGATION (IF NECESSARY)	ACRE	0.22	\$175,000.00	\$38,500.00
34	TRAFFIC CONTROL AND PROTECTION	L SUM	1	\$10,000.00	\$10,000.00
35	PERMITTING	L SUM	1	\$5,000.00	\$5,000.00
36	EASEMENT ACQUISITION	SQ FT	2000	\$5.00	\$10,000.00
37	MOBILIZATION	L SUM	1	\$19,040.00	\$19,040.00
Sub-total Construction Costs:					\$336,260.00
10% Contingency:					\$33,626.00
Total Construction Cost with Contingency:					\$369,886.00
Phase II Engineering (Approx. 10%):					\$37,000.00
Phase III Engineering & Material Testing (Approx. 10%):					\$37,000.00
Total Estimated Project Cost:					\$443,886.00

Prairie Path to Butterfield - West
bike path

Exhibit 2-C-2

No.	Description	Unit	Quantity	Unit Price	Total Price
1	TREE REMOVAL, ACRES	ACRE	0.15	\$15,000.00	\$2,250.00
2	TREE ROOT PRUNING	EACH	1	\$100.00	\$100.00
3	EARTH EXCAVATION	CU YD	1420	\$35.00	\$49,700.00
4	FURNISHED EXCAVATION	CU YD	1670	\$25.00	\$41,750.00
5	TRENCH BACKFILL	CU YD	840	\$45.00	\$37,800.00
6	GEOTECHNICAL FABRIC FOR GROUND STABILIZATION	SQ YD	3130	\$3.00	\$9,390.00
7	TOPSOIL FURNISH AND PLACE, 4"	SQ YD	2840	\$8.00	\$22,720.00
8	SEEDING, CLASS 2A	ACRE	0.6	\$4,000.00	\$2,400.00
9	NITROGEN FERTILIZER NUTRIENT	POUND	60	\$4.00	\$240.00
10	PHOSPHORUS FERTILIZER NUTRIENT	POUND	60	\$4.00	\$240.00
11	POTASSIUM FERTILIZER NUTRIENT	POUND	60	\$4.00	\$240.00
12	EROSION CONTROL BLANKET	SQ YD	2840	\$2.50	\$7,100.00
13	PERIMETER EROSION BARRIER	FOOT	5110	\$2.00	\$10,220.00
14	TREE REPLACEMENT	EACH	31	\$500.00	\$15,500.00
15	AGGREGATE BASE COURSE, TYPE B, 2"	SQ YD	60	\$4.00	\$240.00
16	AGGREGATE BASE COURSE, TYPE B, 8"	SQ YD	3130	\$15.00	\$46,950.00
17	BITUMINOUS MATERIALS (PRIME COAT)	POUND	7665	\$1.00	\$7,665.00
18	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50	TON	400	\$90.00	\$36,000.00
19	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50	TON	240	\$120.00	\$28,800.00
20	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SQ FT	500	\$8.00	\$4,000.00
21	DETECTABLE WARNINGS	SQ FT	200	\$35.00	\$7,000.00
22	COMBINATION CURB AND GUTTER REMOVAL	FOOT	160	\$15.00	\$2,400.00
23	CLASS D PATCHES	SQ YD	40	\$100.00	\$4,000.00
24	CONCRETE HEADWALL REMOVAL	EACH	2	\$600.00	\$1,200.00
25	STRUCTURE EXCAVATION	CU YD	50	\$35.00	\$1,750.00
26	BOX CULVERT END SECTIONS	EACH	1	\$2,500.00	\$2,500.00
27	PRECAST CONCRETE BOX CULVERTS 5' X 5'	FOOT	25	\$1,000.00	\$25,000.00
28	STORM SEWERS, CLASS A, TYPE 2, 18"	FOOT	2325	\$70.00	\$162,750.00
29	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12	FOOT	160	\$25.00	\$4,000.00
30	RELOCATE SIGN PANEL ASSEMBLY - TYPE A	EACH	1	\$200.00	\$200.00
31	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	70	\$4.00	\$280.00
32	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	624	\$8.00	\$4,992.00
33	INLETS TO BE MOVED	EACH	1	\$1,500.00	\$1,500.00
34	REMOVE AND RESET POWER POLE	EACH	4	\$2,500.00	\$10,000.00
35	WETLAND MITIGATION (IF NECESSARY)	ACRE	0.25	\$175,000.00	\$43,750.00
36	TRAFFIC CONTROL AND PROTECTION	L SUM	1	\$10,000.00	\$10,000.00
37	PATH SIGNING	L SUM	1	\$3,000.00	\$3,000.00
38	PERMITTING	L SUM	1	\$5,000.00	\$5,000.00
39	MOBILIZATION	L SUM	1	\$36,760.00	\$36,760.00
Sub-total Construction Costs:					\$649,390.00
10% Contingency					\$64,939.00
Total Construction Cost with Contingency:					\$714,329.00
Phase II Engineering (Approx. 10%):					\$71,500.00
Phase III Engineering & Material Testing (Approx. 10%):					\$71,500.00
Total Estimated Project Cost:					\$857,329.00

Prairie Path to Butterfield - West
bike path/sidewalk

Exhibit 2-C-2 (ALT)

No.	Description	Unit	Quantity	Unit Price	Total Price
1	TREE REMOVAL, ACRES	ACRE	0.15	\$15,000.00	\$2,250.00
2	TREE ROOT PRUNING	EACH	1	\$100.00	\$100.00
3	EARTH EXCAVATION	CU YD	2140	\$35.00	\$74,900.00
4	FURNISHED EXCAVATION	CU YD	1670	\$25.00	\$41,750.00
5	TRENCH BACKFILL	CU YD	840	\$45.00	\$37,800.00
6	GEOTECHNICAL FABRIC FOR GROUND STABILIZATION	SQ YD	4160	\$3.00	\$12,480.00
7	TOPSOIL FURNISH AND PLACE, 4"	SQ YD	4520	\$8.00	\$36,160.00
8	SEEDING, CLASS 2A	ACRE	1.0	\$4,000.00	\$4,000.00
9	NITROGEN FERTILIZER NUTRIENT	POUND	90	\$4.00	\$360.00
10	PHOSPHORUS FERTILIZER NUTRIENT	POUND	90	\$4.00	\$360.00
11	POTASSIUM FERTILIZER NUTRIENT	POUND	90	\$4.00	\$360.00
12	EROSION CONTROL BLANKET	SQ YD	4520	\$2.50	\$11,300.00
13	PERIMETER EROSION BARRIER	FOOT	10100	\$2.00	\$20,200.00
14	TREE REPLACEMENT	EACH	31	\$500.00	\$15,500.00
15	AGGREGATE BASE COURSE, TYPE B, 2"	SQ YD	980	\$4.00	\$3,920.00
16	AGGREGATE BASE COURSE, TYPE B, 8"	SQ YD	4160	\$15.00	\$62,400.00
17	BITUMINOUS MATERIALS (PRIME COAT)	POUND	10200	\$1.00	\$10,200.00
18	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50	TON	530	\$90.00	\$47,700.00
19	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50	TON	320	\$120.00	\$38,400.00
20	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SQ FT	8750	\$8.00	\$70,000.00
21	DETECTABLE WARNINGS	SQ FT	290	\$35.00	\$10,150.00
22	COMBINATION CURB AND GUTTER REMOVAL	FOOT	80	\$15.00	\$1,200.00
23	CLASS D PATCHES	SQ YD	20	\$100.00	\$2,000.00
24	CONCRETE HEADWALL REMOVAL	EACH	2	\$600.00	\$1,200.00
25	STRUCTURE EXCAVATION	CU YD	50	\$35.00	\$1,750.00
26	BOX CULVERT END SECTIONS	EACH	1	\$2,500.00	\$2,500.00
27	PRECAST CONCRETE BOX CULVERTS 5' X 5'	FOOT	25	\$1,000.00	\$25,000.00
28	STORM SEWERS, CLASS A, TYPE 2, 18"	FOOT	2325	\$70.00	\$162,750.00
29	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12	FOOT	80	\$25.00	\$2,000.00
30	RELOCATE SIGN PANEL ASSEMBLY - TYPE A	EACH	1	\$200.00	\$200.00
31	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	420	\$4.00	\$1,680.00
32	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	684	\$8.00	\$5,472.00
33	INLETS TO BE MOVED	EACH	1	\$1,500.00	\$1,500.00
34	REMOVE AND RESET POWER POLE	EACH	4	\$2,500.00	\$10,000.00
35	WETLAND MITIGATION (IF NECESSARY)	ACRE	0.25	\$175,000.00	\$43,750.00
36	TRAFFIC CONTROL AND PROTECTION	L SUM	1	\$10,000.00	\$10,000.00
37	PATH SIGNING	L SUM	1	\$3,000.00	\$3,000.00
38	PERMITTING	L SUM	1	\$5,000.00	\$5,000.00
39	MOBILIZATION	L SUM	1	\$46,760.00	\$46,760.00
Sub-total Construction Costs:					\$826,060.00
10% Contingency					\$82,606.00
Total Construction Cost with Contingency:					\$908,666.00
Phase II Engineering (Approx. 10%):					\$90,900.00
Phase III Engineering & Material Testing (Approx. 10%):					\$90,900.00
Total Estimated Project Cost:					\$1,090,466.00

Butterfield to Continental - East
bike path

Exhibit 3-C-1

No.	Description	Unit	Quantity	Unit Price	Total Price
1	TREE REMOVAL, ACRES	ACRE	0.16	\$15,000.00	\$2,400.00
2	TREE ROOT PRUNING	EACH	1	\$100.00	\$100.00
3	EARTH EXCAVATION	CU YD	1090	\$35.00	\$38,150.00
4	FURNISHED EXCAVATION	CU YD	670	\$25.00	\$16,750.00
5	TRENCH BACKFILL	CU YD	200	\$45.00	\$9,000.00
6	GEOTECHNICAL FABRIC FOR GROUND STABILIZATION	SQ YD	2380	\$3.00	\$7,140.00
7	TOPSOIL FURNISH AND PLACE, 4"	SQ YD	2170	\$8.00	\$17,360.00
8	SEEDING, CLASS 2A	ACRE	0.5	\$4,000.00	\$2,000.00
9	NITROGEN FERTILIZER NUTRIENT	POUND	50	\$4.00	\$200.00
10	PHOSPHORUS FERTILIZER NUTRIENT	POUND	50	\$4.00	\$200.00
11	POTASSIUM FERTILIZER NUTRIENT	POUND	50	\$4.00	\$200.00
12	EROSION CONTROL BLANKET	SQ YD	2170	\$2.50	\$5,425.00
13	PERIMETER EROSION BARRIER	FOOT	3890	\$2.00	\$7,780.00
14	TREE REPLACEMENT	EACH	33	\$500.00	\$16,500.00
15	AGGREGATE BASE COURSE, TYPE B, 2"	SQ YD	30	\$4.00	\$120.00
16	AGGREGATE BASE COURSE, TYPE B, 8"	SQ YD	2380	\$15.00	\$35,700.00
17	BITUMINOUS MATERIALS (PRIME COAT)	POUND	5835	\$1.00	\$5,835.00
18	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50	TON	310	\$90.00	\$27,900.00
19	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50	TON	190	\$120.00	\$22,800.00
20	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SQ FT	250	\$8.00	\$2,000.00
21	DETECTABLE WARNINGS	SQ FT	100	\$35.00	\$3,500.00
22	PAVEMENT REMOVAL	SQ YD	420	\$20.00	\$8,400.00
23	COMBINATION CURB AND GUTTER REMOVAL	FOOT	40	\$15.00	\$600.00
24	CLASS D PATCHES	SQ YD	10	\$100.00	\$1,000.00
25	CONCRETE HEADWALL REMOVAL	EACH	2	\$1,200.00	\$2,400.00
26	STRUCTURE EXCAVATION	CU YD	100	\$35.00	\$3,500.00
27	BOX CULVERT END SECTIONS	EACH	1	\$5,000.00	\$5,000.00
28	PRECAST CONCRETE BOX CULVERTS 10' X 5'	FOOT	50	\$2,000.00	\$100,000.00
29	STORM SEWERS, CLASS A, TYPE 2, 18"	FOOT	550	\$70.00	\$38,500.00
30	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12	FOOT	40	\$25.00	\$1,000.00
31	TRAFFIC BARRIER TERMINAL, TYPE 2	EACH	1	\$1,200.00	\$1,200.00
32	GUARDRAIL REMOVAL	FOOT	30	\$6.00	\$180.00
33	RELOCATE SIGN PANEL ASSEMBLY - TYPE A	EACH	1	\$200.00	\$200.00
34	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	180	\$4.00	\$720.00
35	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	360	\$8.00	\$2,880.00
36	PAVEMENT MARKING REMOVAL	SQ FT	50	\$2.50	\$125.00
37	REMOVE AND RESET POWER POLE	EACH	3	\$2,500.00	\$7,500.00
38	WETLAND MITIGATION (IF NECESSARY)	ACRE	0.25	\$175,000.00	\$43,750.00
39	TRAFFIC CONTROL AND PROTECTION	L SUM	1	\$10,000.00	\$10,000.00
40	PATH SIGNING	L SUM	1	\$3,000.00	\$3,000.00
41	PERMITTING	L SUM	1	\$5,000.00	\$5,000.00
42	EASEMENT ACQUISITION	SQ FT	4000	\$5.00	\$20,000.00
43	MOBILIZATION	L SUM	1	\$28,570.00	\$28,570.00
Sub-total Construction Costs:					\$504,590.00
10% Contingency					\$50,459.00
Total Construction Cost with Contingency:					\$555,049.00
Phase II Engineering (Approx. 10%):					\$55,600.00
Phase III Engineering & Material Testing (Approx. 10%):					\$55,600.00
Total Estimated Project Cost:					\$666,249.00

Butterfield to Continental - West
bike path

Exhibit 3-C-2

No.	Description	Unit	Quantity	Unit Price	Total Price
1	TREE REMOVAL, ACRES	ACRE	0.25	\$15,000.00	\$3,750.00
2	EARTH EXCAVATION	CU YD	1120	\$35.00	\$39,200.00
3	FURNISHED EXCAVATION	CU YD	750	\$25.00	\$18,750.00
4	TRENCH BACKFILL	CU YD	310	\$45.00	\$13,950.00
5	GEOTECHNICAL FABRIC FOR GROUND STABILIZATION	SQ YD	2450	\$3.00	\$7,350.00
6	TOPSOIL FURNISH AND PLACE, 4"	SQ YD	2230	\$8.00	\$17,840.00
7	SEEDING, CLASS 2A	ACRE	0.5	\$4,000.00	\$2,000.00
8	NITROGEN FERTILIZER NUTRIENT	POUND	50	\$4.00	\$200.00
9	PHOSPHORUS FERTILIZER NUTRIENT	POUND	50	\$4.00	\$200.00
10	POTASSIUM FERTILIZER NUTRIENT	POUND	50	\$4.00	\$200.00
11	EROSION CONTROL BLANKET	SQ YD	2230	\$2.50	\$5,575.00
12	PERIMETER EROSION BARRIER	FOOT	4000	\$2.00	\$8,000.00
13	TREE REPLACEMENT	EACH	52	\$500.00	\$26,000.00
14	AGGREGATE BASE COURSE, TYPE B, 2"	SQ YD	50	\$4.00	\$200.00
15	AGGREGATE BASE COURSE, TYPE B, 8"	SQ YD	2450	\$15.00	\$36,750.00
16	BITUMINOUS MATERIALS (PRIME COAT)	POUND	6000	\$1.00	\$6,000.00
17	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50	TON	320	\$90.00	\$28,800.00
18	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50	TON	190	\$120.00	\$22,800.00
19	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SQ FT	400	\$8.00	\$3,200.00
20	DETECTABLE WARNINGS	SQ FT	160	\$35.00	\$5,600.00
21	COMBINATION CURB AND GUTTER REMOVAL	FOOT	120	\$15.00	\$1,800.00
22	CLASS D PATCHES	SQ YD	30	\$100.00	\$3,000.00
23	CONCRETE HEADWALL REMOVAL	EACH	2	\$1,200.00	\$2,400.00
24	STRUCTURE EXCAVATION	CU YD	80	\$35.00	\$2,800.00
25	BOX CULVERT END SECTIONS	EACH	1	\$5,000.00	\$5,000.00
26	PRECAST CONCRETE BOX CULVERTS 10' X 5'	FOOT	40	\$2,000.00	\$80,000.00
27	STORM SEWERS, CLASS A, TYPE 2, 18"	FOOT	850	\$70.00	\$59,500.00
28	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12	FOOT	120	\$25.00	\$3,000.00
29	LIGHT POLE FOUNDATION, 24" DIAMETER	FOOT	4	\$250.00	\$1,000.00
30	REMOVAL OF POLE FOUNDATION	EACH	1	\$350.00	\$350.00
31	RELOCATE EXISTING LIGHTING UNIT	EACH	1	\$5,000.00	\$5,000.00
32	REMOVE AND RESET POWER POLE	EACH	1	\$2,500.00	\$2,500.00
33	RETAINING WALL	SQ FT	1665	\$55.00	\$91,575.00
34	REMOVE AND RESET FENCE	FOOT	50	\$15.00	\$750.00
35	WETLAND MITIGATION (IF NECESSARY)	ACRE	0.25	\$175,000.00	\$43,750.00
36	TRAFFIC CONTROL AND PROTECTION	L SUM	1	\$10,000.00	\$10,000.00
37	PATH SIGNING	L SUM	1	\$3,000.00	\$3,000.00
38	PERMITTING	L SUM	1	\$5,000.00	\$5,000.00
39	MOBILIZATION	L SUM	1	\$34,010.00	\$34,010.00
Sub-total Construction Costs:					\$600,800.00
10% Contingency					\$60,080.00
Total Construction Cost with Contingency:					\$660,880.00
Phase II Engineering (Approx. 10%):					\$66,100.00
Phase III Engineering & Material Testing (Approx. 10%):					\$66,100.00
Total Estimated Project Cost:					\$793,080.00

Continental to Batavia - East
bike path

Exhibit 4-C-1

No.	Description	Unit	Quantity	Unit Price	Total Price
1	TREE ROOT PRUNING	EACH	2	\$100.00	\$200.00
2	EARTH EXCAVATION	CU YD	950	\$35.00	\$33,250.00
3	TRENCH BACKFILL	CU YD	70	\$45.00	\$3,150.00
4	GEOTECHNICAL FABRIC FOR GROUND STABILIZATION	SQ YD	2250	\$3.00	\$6,750.00
5	TOPSOIL FURNISH AND PLACE, 4"	SQ YD	2040	\$8.00	\$16,320.00
6	SEEDING, CLASS 2A	ACRE	0.5	\$4,000.00	\$2,000.00
7	NITROGEN FERTILIZER NUTRIENT	POUND	50	\$4.00	\$200.00
8	PHOSPHORUS FERTILIZER NUTRIENT	POUND	50	\$4.00	\$200.00
9	POTASSIUM FERTILIZER NUTRIENT	POUND	50	\$4.00	\$200.00
10	EROSION CONTROL BLANKET	SQ YD	2040	\$2.50	\$5,100.00
11	PERIMETER EROSION BARRIER	FOOT	3670	\$2.00	\$7,340.00
12	AGGREGATE BASE COURSE, TYPE B, 2"	SQ YD	100	\$4.00	\$400.00
13	AGGREGATE BASE COURSE, TYPE B, 8"	SQ YD	2250	\$15.00	\$33,750.00
14	BITUMINOUS MATERIALS (PRIME COAT)	POUND	5505	\$1.00	\$5,505.00
15	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50	TON	290	\$90.00	\$26,100.00
16	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50	TON	180	\$120.00	\$21,600.00
17	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SQ FT	900	\$8.00	\$7,200.00
18	DETECTABLE WARNINGS	SQ FT	360	\$35.00	\$12,600.00
19	COMBINATION CURB AND GUTTER REMOVAL	FOOT	360	\$15.00	\$5,400.00
20	SIDEWALK REMOVAL	SQ FT	1900	\$3.50	\$6,650.00
21	MEDIAN REMOVAL	SQ FT	90	\$4.50	\$405.00
22	CLASS D PATCHES	SQ YD	80	\$100.00	\$8,000.00
23	STORM SEWERS, CLASS A, TYPE 2, 18"	FOOT	170	\$70.00	\$11,900.00
24	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12	FOOT	360	\$25.00	\$9,000.00
25	RELOCATE SIGN PANEL ASSEMBLY - TYPE A	EACH	3	\$200.00	\$600.00
26	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	20	\$2.00	\$40.00
27	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	235	\$4.00	\$940.00
28	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	480	\$8.00	\$3,840.00
29	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	17	\$10.00	\$170.00
30	PAVEMENT MARKING REMOVAL	SQ FT	110	\$2.50	\$275.00
31	LIGHT POLE FOUNDATION, 24" DIAMETER	FOOT	6	\$250.00	\$1,500.00
32	REMOVAL OF POLE FOUNDATION	EACH	3	\$350.00	\$1,050.00
33	RELOCATE EXISTING LIGHTING UNIT	EACH	3	\$5,000.00	\$15,000.00
34	REMOVE AND RESET POWER POLE	EACH	3	\$2,500.00	\$7,500.00
35	CONCRETE FOUNDATION, TYPE A	FOOT	8	\$250.00	\$2,000.00
36	RELOCATE EXISTING TRAFFIC SIGNAL POST	EACH	2	\$1,200.00	\$2,400.00
37	REMOVE EXISTING CONCRETE FOUNDATION	EACH	2	\$600.00	\$1,200.00
38	HOT-MIX ASPHALT DRIVEWAY PAVEMENT, 3"	SQ YD	20	\$40.00	\$800.00
39	TRAFFIC CONTROL AND PROTECTION	L SUM	1	\$10,000.00	\$10,000.00
40	PATH SIGNING	L SUM	1	\$3,000.00	\$3,000.00
41	PERMITTING	L SUM	1	\$5,000.00	\$5,000.00
42	EASEMENT ACQUISITION	SQ FT	13000	\$5.00	\$65,000.00
43	MOBILIZATION	L SUM	1	\$20,620.00	\$20,620.00
Sub-total Construction Costs:					\$364,160.00
10% Contingency					\$36,416.00
Total Construction Cost with Contingency:					\$400,576.00
Phase II Engineering (Approx. 10%):					\$40,100.00
Phase III Engineering & Material Testing (Approx. 10%):					\$40,100.00
Total Estimated Project Cost:					\$480,776.00

Continental to Batavia - West
bike path

Exhibit 4-C-2

No.	Description	Unit	Quantity	Unit Price	Total Price
1	EARTH EXCAVATION	CU YD	940	\$35.00	\$32,900.00
2	TRENCH BACKFILL	CU YD	170	\$45.00	\$7,650.00
3	GEOTECHNICAL FABRIC FOR GROUND STABILIZATION	SQ YD	2310	\$3.00	\$6,930.00
4	TOPSOIL FURNISH AND PLACE, 4"	SQ YD	2100	\$8.00	\$16,800.00
5	SEEDING, CLASS 2A	ACRE	0.5	\$4,000.00	\$2,000.00
6	NITROGEN FERTILIZER NUTRIENT	POUND	50	\$4.00	\$200.00
7	PHOSPHORUS FERTILIZER NUTRIENT	POUND	50	\$4.00	\$200.00
8	POTASSIUM FERTILIZER NUTRIENT	POUND	50	\$4.00	\$200.00
9	EROSION CONTROL BLANKET	SQ YD	2100	\$2.50	\$5,250.00
10	PERIMETER EROSION BARRIER	FOOT	3770	\$2.00	\$7,540.00
11	AGGREGATE BASE COURSE, TYPE B, 2"	SQ YD	100	\$4.00	\$400.00
12	AGGREGATE BASE COURSE, TYPE B, 8"	SQ YD	2310	\$15.00	\$34,650.00
13	BITUMINOUS MATERIALS (PRIME COAT)	POUND	5655	\$1.00	\$5,655.00
14	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50	TON	300	\$90.00	\$27,000.00
15	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50	TON	180	\$120.00	\$21,600.00
16	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SQ FT	900	\$8.00	\$7,200.00
17	DETECTABLE WARNINGS	SQ FT	360	\$35.00	\$12,600.00
18	SIDEWALK REMOVAL	SQ FT	2900	\$3.50	\$10,150.00
19	COMBINATION CURB AND GUTTER REMOVAL	FOOT	180	\$15.00	\$2,700.00
20	MEDIAN REMOVAL	SQ FT	90	\$4.50	\$405.00
21	CLASS D PATCHES	SQ YD	40	\$100.00	\$4,000.00
22	STORM SEWERS, CLASS A, TYPE 2, 18"	FOOT	470	\$70.00	\$32,900.00
23	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12	FOOT	180	\$25.00	\$4,500.00
24	CONCRETE FOUNDATION, TYPE A	FOOT	4	\$250.00	\$1,000.00
25	RELOCATE EXISTING TRAFFIC SIGNAL POST	EACH	1	\$1,200.00	\$1,200.00
26	REMOVE EXISTING CONCRETE FOUNDATION	EACH	1	\$600.00	\$600.00
27	FRAMES AND LIDS TO BE ADJUSTED (SPECIAL)	EACH	8	\$800.00	\$6,400.00
28	PCC DRIVEWAY REMOVAL AND REPLACEMENT	SQ YD	310	\$85.00	\$26,350.00
29	HMA DRIVEWAY REMOVAL AND REPLACEMENT	SQ YD	220	\$75.00	\$16,500.00
30	WETLAND MITIGATION (IF NECESSARY)	ACRE	0.03	\$175,000.00	\$5,250.00
31	TRAFFIC CONTROL AND PROTECTION	L SUM	1	\$10,000.00	\$10,000.00
32	PATH SIGNING	L SUM	1	\$3,000.00	\$3,000.00
33	PERMITTING	L SUM	1	\$5,000.00	\$5,000.00
34	MOBILIZATION	L SUM	1	\$19,130.00	\$19,130.00
Sub-total Construction Costs:					\$337,860.00
10% Contingency					\$33,786.00
Total Construction Cost with Contingency:					\$371,646.00
Phase II Engineering (Approx. 10%):					\$37,200.00
Phase III Engineering & Material Testing (Approx. 10%):					\$37,200.00
Total Estimated Project Cost:					\$446,046.00

Batavia to Mack - East
bike path

Exhibit 5-C-1

No.	Description	Unit	Quantity	Unit Price	Total Price
1	TREE REMOVAL, ACRES	ACRE	0.3	\$15,000.00	\$4,500.00
2	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	12	\$45.00	\$540.00
3	EARTH EXCAVATION	CU YD	2100	\$35.00	\$73,500.00
4	FURNISHED EXCAVATION	CU YD	4340	\$25.00	\$108,500.00
5	TRENCH BACKFILL	CU YD	130	\$45.00	\$5,850.00
6	GEOTECHNICAL FABRIC FOR GROUND STABILIZATION	SQ YD	4610	\$3.00	\$13,830.00
7	TOPSOIL FURNISH AND PLACE, 4"	SQ YD	4190	\$8.00	\$33,520.00
8	SEEDING, CLASS 2A	ACRE	0.9	\$4,000.00	\$3,600.00
9	NITROGEN FERTILIZER NUTRIENT	POUND	90	\$4.00	\$360.00
10	PHOSPHORUS FERTILIZER NUTRIENT	POUND	90	\$4.00	\$360.00
11	POTASSIUM FERTILIZER NUTRIENT	POUND	90	\$4.00	\$360.00
12	EROSION CONTROL BLANKET	SQ YD	4190	\$2.50	\$10,475.00
13	PERIMETER EROSION BARRIER	FOOT	7530	\$2.00	\$15,060.00
14	TREE REPLACEMENT	EACH	65	\$500.00	\$32,500.00
15	AGGREGATE BASE COURSE, TYPE B, 2"	SQ YD	50	\$4.00	\$200.00
16	AGGREGATE BASE COURSE, TYPE B, 8"	SQ YD	4610	\$15.00	\$69,150.00
17	BITUMINOUS MATERIALS (PRIME COAT)	POUND	11295	\$1.00	\$11,295.00
18	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50	TON	590	\$90.00	\$53,100.00
19	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50	TON	360	\$120.00	\$43,200.00
20	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SQ FT	400	\$8.00	\$3,200.00
21	DETECTABLE WARNINGS	SQ FT	160	\$35.00	\$5,600.00
22	DRIVEWAY PAVEMENT REMOVAL	SQ YD	150	\$15.00	\$2,250.00
23	COMBINATION CURB AND GUTTER REMOVAL	FOOT	160	\$15.00	\$2,400.00
24	SIDEWALK REMOVAL	SQ FT	75	\$3.50	\$262.50
25	CLASS D PATCHES	SQ YD	40	\$100.00	\$4,000.00
26	CONCRETE HEADWALL REMOVAL	EACH	2	\$600.00	\$1,200.00
27	STRUCTURE EXCAVATION	CU YD	50	\$35.00	\$1,750.00
28	BOX CULVERT END SECTIONS	EACH	1	\$2,500.00	\$2,500.00
29	PRECAST CONCRETE BOX CULVERTS 5' X 5'	FOOT	25	\$1,000.00	\$25,000.00
30	STORM SEWERS, CLASS A, TYPE 2, 18"	FOOT	337	\$70.00	\$23,590.00
31	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12	FOOT	160	\$25.00	\$4,000.00
32	RELOCATE SIGN PANEL ASSEMBLY - TYPE A	EACH	3	\$200.00	\$600.00
33	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	270	\$4.00	\$1,080.00
34	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	564	\$8.00	\$4,512.00
35	PAVEMENT MARKING REMOVAL	SQ FT	25	\$2.50	\$62.50
36	FIRE HYDRANTS TO BE MOVED	EACH	2	\$3,000.00	\$6,000.00
37	FRAMES AND LIDS TO BE ADJUSTED (SPECIAL)	EACH	1	\$800.00	\$800.00
38	RETAINING WALL	SQ FT	2200	\$55.00	\$121,000.00
39	TRAFFIC CONTROL AND PROTECTION	L SUM	1	\$10,000.00	\$10,000.00
40	PATH SIGNING	L SUM	1	\$3,000.00	\$3,000.00
41	PERMITTING	L SUM	2	\$5,000.00	\$10,000.00
42	EASEMENT ACQUISITION	SQ FT	4000	\$5.00	\$20,000.00
43	MOBILIZATION	L SUM	1	\$43,970.00	\$43,970.00
Sub-total Construction Costs:					\$776,680.00
10% Contingency					\$77,668.00
Total Construction Cost with Contingency:					\$854,348.00
Phase II Engineering (Approx. 10%):					\$85,500.00
Phase III Engineering & Material Testing (Approx. 10%):					\$85,500.00
Total Estimated Project Cost:					\$1,025,348.00

Batavia to Mack - West
sidewalk

Exhibit 5-C-2

No.	Description	Unit	Quantity	Unit Price	Total Price
1	TREE REMOVAL, ACRES	ACRE	0.04	\$15,000.00	\$600.00
2	EARTH EXCAVATION	CU YD	530	\$35.00	\$18,550.00
3	TOPSOIL FURNISH AND PLACE, 4"	SQ YD	1560	\$8.00	\$12,480.00
4	SEEDING, CLASS 2A	ACRE	0.4	\$4,000.00	\$1,600.00
5	NITROGEN FERTILIZER NUTRIENT	POUND	40	\$4.00	\$160.00
6	PHOSPHORUS FERTILIZER NUTRIENT	POUND	40	\$4.00	\$160.00
7	POTASSIUM FERTILIZER NUTRIENT	POUND	40	\$4.00	\$160.00
8	EROSION CONTROL BLANKET	SQ YD	1560	\$2.50	\$3,900.00
9	PERIMETER EROSION BARRIER	FOOT	6980	\$2.00	\$13,960.00
10	TREE REPLACEMENT	EACH	9	\$500.00	\$4,500.00
11	AGGREGATE BASE COURSE, TYPE B, 2"	SQ YD	1960	\$4.00	\$7,840.00
12	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SQ FT	17575	\$8.00	\$140,600.00
13	DETECTABLE WARNINGS	SQ FT	40	\$35.00	\$1,400.00
14	DRIVEWAY PAVEMENT REMOVAL	SQ YD	170	\$15.00	\$2,550.00
15	SIDEWALK REMOVAL	SQ FT	125	\$3.50	\$437.50
16	COMBINATION CURB AND GUTTER REMOVAL	FOOT	80	\$15.00	\$1,200.00
17	CLASS D PATCHES	SQ YD	10	\$100.00	\$1,000.00
18	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12	FOOT	80	\$25.00	\$2,000.00
19	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	140	\$4.00	\$560.00
20	PAVEMENT MARKING REMOVAL	SQ FT	15	\$2.50	\$37.50
21	FRAMES AND LIDS TO BE ADJUSTED (SPECIAL)	EACH	3	\$800.00	\$2,400.00
22	TRAFFIC CONTROL AND PROTECTION	L SUM	1	\$10,000.00	\$10,000.00
23	PERMITTING	L SUM	1	\$5,000.00	\$5,000.00
24	MOBILIZATION	L SUM	1	\$13,870.00	\$13,870.00
Sub-total Construction Costs:					\$244,970.00
10% Contingency					\$24,497.00
Total Construction Cost with Contingency:					\$269,467.00
Phase II Engineering (Approx. 10%):					\$27,000.00
Phase III Engineering & Material Testing (Approx. 10%):					\$27,000.00
Total Estimated Project Cost:					\$323,467.00

Mack to Willow - East

Exhibit

6-C-1

sidewalk; ends approx. 0.15 mi north of Mack (city limits)

No.	Description	Unit	Quantity	Unit Price	Total Price
1	TREE REMOVAL, ACRES	ACRE	0.02	\$15,000.00	\$300.00
2	EARTH EXCAVATION	CU YD	130	\$35.00	\$4,550.00
3	TOPSOIL FURNISH AND PLACE, 4"	SQ YD	370	\$8.00	\$2,960.00
4	SEEDING, CLASS 2A	ACRE	0.1	\$4,000.00	\$400.00
5	NITROGEN FERTILIZER NUTRIENT	POUND	10	\$4.00	\$40.00
6	PHOSPHORUS FERTILIZER NUTRIENT	POUND	10	\$4.00	\$40.00
7	POTASSIUM FERTILIZER NUTRIENT	POUND	10	\$4.00	\$40.00
8	EROSION CONTROL BLANKET	SQ YD	370	\$2.50	\$925.00
9	PERIMETER EROSION BARRIER	FOOT	1630	\$2.00	\$3,260.00
10	TREE REPLACEMENT	EACH	5	\$500.00	\$2,500.00
11	AGGREGATE BASE COURSE, TYPE B, 2"	SQ YD	460	\$4.00	\$1,840.00
12	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SQ FT	4075	\$8.00	\$32,600.00
13	DETECTABLE WARNINGS	SQ FT	10	\$35.00	\$350.00
14	DRIVEWAY PAVEMENT REMOVAL	SQ YD	20	\$15.00	\$300.00
15	COMBINATION CURB AND GUTTER REMOVAL	FOOT	10	\$15.00	\$150.00
16	CLASS D PATCHES	SQ YD	3	\$100.00	\$300.00
17	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12	FOOT	10	\$25.00	\$250.00
18	PEDESTRIAN RAILING	FOOT	305	\$225.00	\$68,625.00
19	RELOCATE SIGN PANEL ASSEMBLY - TYPE A	EACH	2	\$200.00	\$400.00
20	CONCRETE FOUNDATION, TYPE A	FOOT	4	\$250.00	\$1,000.00
21	RELOCATE EXISTING TRAFFIC SIGNAL POST	EACH	1	\$1,200.00	\$1,200.00
22	REMOVE EXISTING CONCRETE FOUNDATION	EACH	1	\$600.00	\$600.00
23	WETLAND MITIGATION (IF NECESSARY)	ACRE	0.03	\$175,000.00	\$5,250.00
24	TRAFFIC CONTROL AND PROTECTION	L SUM	1	\$10,000.00	\$10,000.00
25	PERMITTING	L SUM	1	\$5,000.00	\$5,000.00
26	MOBILIZATION	L SUM	1	\$8,580.00	\$8,580.00
Sub-total Construction Costs:					\$151,460.00
10% Contingency					\$15,146.00
Total Construction Cost with Contingency:					\$166,606.00
Phase II Engineering (Approx. 10%):					\$16,700.00
Phase III Engineering & Material Testing (Approx. 10%):					\$16,700.00
Total Estimated Project Cost:					\$200,006.00

Mack to Willow - West
bike path

Exhibit 6-C-2

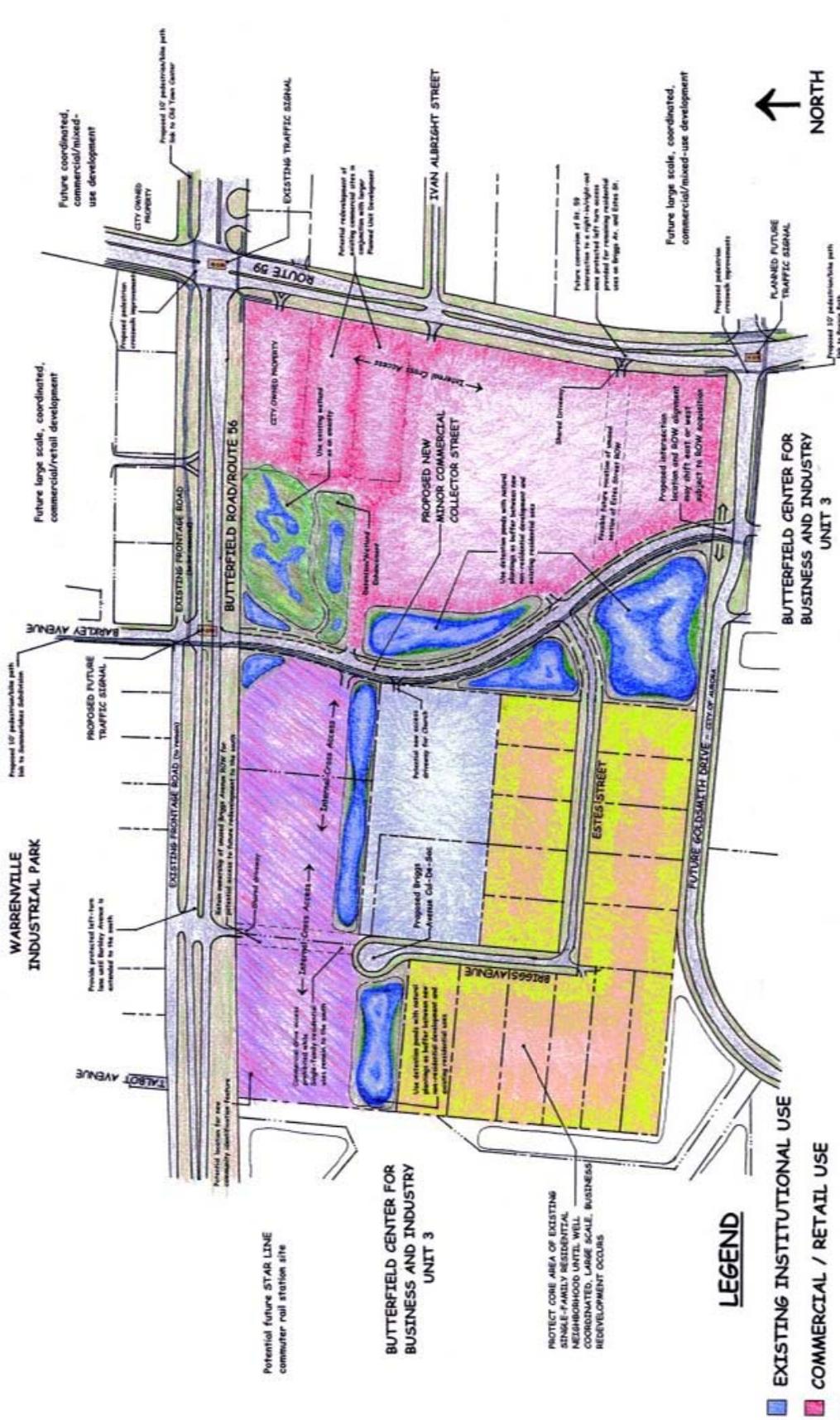
No.	Description	Unit	Quantity	Unit Price	Total Price
1	TREE REMOVAL, ACRES	ACRE	0.11	\$15,000.00	\$1,650.00
2	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	100	\$45.00	\$4,500.00
3	TREE REMOVAL (OVER 15 UNITS DIAMETER)	UNIT	90	\$35.00	\$3,150.00
4	TREE ROOT PRUNING	EACH	1	\$100.00	\$100.00
5	EARTH EXCAVATION	CU YD	2160	\$35.00	\$75,600.00
6	FURNISHED EXCAVATION	CU YD	4170	\$25.00	\$104,250.00
7	GEOTECHNICAL FABRIC FOR GROUND STABILIZATION	SQ YD	2940	\$3.00	\$8,820.00
8	TOPSOIL FURNISH AND PLACE, 4"	SQ YD	2670	\$8.00	\$21,360.00
9	SEEDING, CLASS 2A	ACRE	0.6	\$4,000.00	\$2,400.00
10	NITROGEN FERTILIZER NUTRIENT	POUND	60	\$4.00	\$240.00
11	PHOSPHORUS FERTILIZER NUTRIENT	POUND	60	\$4.00	\$240.00
12	POTASSIUM FERTILIZER NUTRIENT	POUND	60	\$4.00	\$240.00
13	EROSION CONTROL BLANKET	SQ YD	2670	\$2.50	\$6,675.00
14	PERIMETER EROSION BARRIER	FOOT	4800	\$2.00	\$9,600.00
15	TREE REPLACEMENT	EACH	40	\$500.00	\$20,000.00
16	AGGREGATE BASE COURSE, TYPE B, 2"	SQ YD	40	\$4.00	\$160.00
17	AGGREGATE BASE COURSE, TYPE B, 8"	SQ YD	2940	\$15.00	\$44,100.00
18	BITUMINOUS MATERIALS (PRIME COAT)	POUND	7200	\$1.00	\$7,200.00
19	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50	TON	380	\$90.00	\$34,200.00
20	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50	TON	230	\$120.00	\$27,600.00
21	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SQ FT	275	\$8.00	\$2,200.00
22	DETECTABLE WARNINGS	SQ FT	80	\$35.00	\$2,800.00
23	DRIVEWAY PAVEMENT REMOVAL	SQ YD	130	\$15.00	\$1,950.00
24	COMBINATION CURB AND GUTTER REMOVAL	FOOT	80	\$15.00	\$1,200.00
25	MEDIAN REMOVAL	SQ FT	50	\$4.50	\$225.00
26	CLASS D PATCHES	SQ YD	20	\$100.00	\$2,000.00
27	CONCRETE HEADWALL REMOVAL	EACH	4	\$600.00	\$2,400.00
28	STRUCTURE EXCAVATION	CU YD	100	\$35.00	\$3,500.00
29	BOX CULVERT END SECTIONS	EACH	2	\$2,500.00	\$5,000.00
30	PRECAST CONCRETE BOX CULVERTS 5' X 5'	FOOT	50	\$1,000.00	\$50,000.00
31	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12	FOOT	80	\$25.00	\$2,000.00
32	RELOCATE SIGN PANEL ASSEMBLY - TYPE A	EACH	1	\$200.00	\$200.00
33	RELOCATE SIGN PANEL ASSEMBLY - TYPE B	EACH	1	\$300.00	\$300.00
34	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	130	\$4.00	\$520.00
35	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	288	\$8.00	\$2,304.00
36	PAVEMENT MARKING REMOVAL	SQ FT	30	\$2.50	\$75.00
37	REMOVE AND RESET POWER POLE	EACH	6	\$2,500.00	\$15,000.00
38	FIRE HYDRANTS TO BE MOVED	EACH	3	\$3,000.00	\$9,000.00
39	RETAINING WALL REMOVAL	SQ FT	925	\$25.00	\$23,125.00
40	RETAINING WALL	SQ FT	1480	\$55.00	\$81,400.00
41	REMOVE AND RESET FENCE	FOOT	380	\$15.00	\$5,700.00
42	WETLAND MITIGATION (IF NECESSARY)	ACRE	0.13	\$175,000.00	\$22,750.00
43	TRAFFIC CONTROL AND PROTECTION	L SUM	1	\$10,000.00	\$10,000.00
44	PATH SIGNING	L SUM	1	\$3,000.00	\$3,000.00
45	PERMITTING	L SUM	1	\$5,000.00	\$5,000.00
46	EASEMENT ACQUISITION	SQ FT	4500	\$5.00	\$22,500.00
47	MOBILIZATION	L SUM	1	\$38,780.00	\$38,780.00
Sub-total Construction Costs:					\$685,020.00
10% Contingency					\$68,502.00
Total Construction Cost with Contingency:					\$753,522.00
Phase II Engineering (Approx. 10%):					\$75,400.00
Phase III Engineering & Material Testing (Approx. 10%):					\$75,400.00
Total Estimated Project Cost:					\$904,322.00

Mack to Willow - West
bike path

Exhibit 6-C-2 (ALT)

No.	Description	Unit	Quantity	Unit Price	Total Price
1	TREE REMOVAL, ACRES	ACRE	1.00	\$15,000.00	\$15,000.00
2	EARTH EXCAVATION	CU YD	280	\$35.00	\$9,800.00
3	GEO TECHNICAL FABRIC FOR GROUND STABILIZATION	SQ YD	620	\$3.00	\$1,860.00
4	TOPSOIL FURNISH AND PLACE, 4"	SQ YD	1230	\$8.00	\$9,840.00
5	SEEDING, CLASS 2A	ACRE	0.3	\$4,000.00	\$1,200.00
6	NITROGEN FERTILIZER NUTRIENT	POUND	30	\$4.00	\$120.00
7	PHOSPHORUS FERTILIZER NUTRIENT	POUND	30	\$4.00	\$120.00
8	POTASSIUM FERTILIZER NUTRIENT	POUND	30	\$4.00	\$120.00
9	EROSION CONTROL BLANKET	SQ YD	1230	\$2.50	\$3,075.00
10	PERIMETER EROSION BARRIER	FOOT	2200	\$2.00	\$4,400.00
11	NATIVE SEEDING FOR TEMPORARY WETLAND IMPACTS	ACRE	0.7	\$6,500.00	\$4,550.00
12	AGGREGATE BASE COURSE, TYPE B, 2"	SQ YD	20	\$4.00	\$80.00
13	AGGREGATE BASE COURSE, TYPE B, 8"	SQ YD	620	\$15.00	\$9,300.00
14	BITUMINOUS MATERIALS (PRIME COAT)	POUND	1500	\$1.00	\$1,500.00
15	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50	TON	80	\$90.00	\$7,200.00
16	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50	TON	50	\$120.00	\$6,000.00
17	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SQ FT	100	\$8.00	\$800.00
18	DETECTABLE WARNINGS	SQ FT	40	\$35.00	\$1,400.00
19	COMBINATION CURB AND GUTTER REMOVAL	FOOT	40	\$15.00	\$600.00
20	CLASS D PATCHES	SQ YD	10	\$100.00	\$1,000.00
21	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12	FOOT	40	\$25.00	\$1,000.00
22	POROUS GRANULAR EMBANKMENT	TON	115	\$35.00	\$4,025.00
23	BOARDWALK, 10' WIDE	FOOT	600	\$750.00	\$450,000.00
24	TIMBER MATS	FOOT	600	\$90.00	\$54,000.00
25	WETLAND MITIGATION (IF NECESSARY)	ACRE	0.2	\$175,000.00	\$35,000.00
26	TRAFFIC CONTROL AND PROTECTION	L SUM	1	\$5,000.00	\$5,000.00
27	PATH SIGNING	L SUM	1	\$3,000.00	\$3,000.00
28	PERMITTING	L SUM	1	\$5,000.00	\$5,000.00
29	MOBILIZATION	L SUM	1	\$38,100.00	\$38,100.00
Sub-total Construction Costs:					\$673,090.00
10% Contingency					\$67,309.00
Total Construction Cost with Contingency:					\$740,399.00
Phase II Engineering (Approx. 10%):					\$74,100.00
Phase III Engineering & Material Testing (Approx. 10%):					\$74,100.00
Total Estimated Project Cost:					\$888,599.00

SUBAREA PLAN FOR SOUTHWEST QUADRANT OF RT. 56 / RT. 59



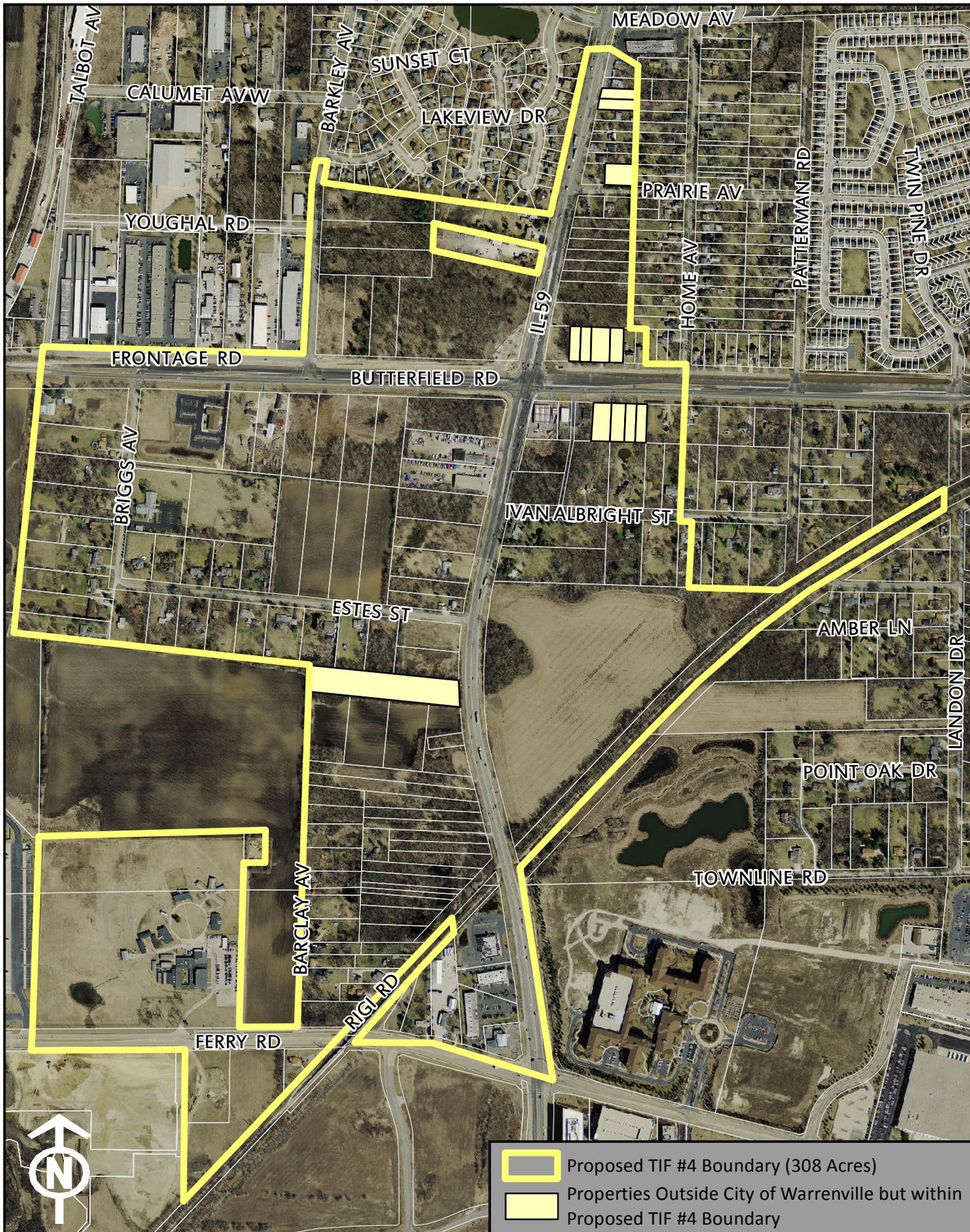
LEGEND

- EXISTING INSTITUTIONAL USE
- COMMERCIAL / RETAIL USE
- MIXED BUSINESS USE (Office/Warehouse/Commercial/Retail)
- EXISTING LOW-DENSITY RESIDENTIAL USE / POTENTIAL FUTURE BUSINESS REDEVELOPMENT USE

PREPARED BY CITY OF WARRENVILLE COMMUNITY DEVELOPMENT DEPARTMENT
LAST REVISED OCTOBER 4, 2004

SCALE: 1 inch = 200 feet

Proposed TIF #4 Area



1 inch = 700 feet