CMAP FY 2016-2020 CMAQ PROJECT APPLICATION TRANSIT PROJECTS

I. PROJECT IDENTIFICAT	ΓΙΟΝ				
Project Sponsor City of Aurora			Contact Informa Phone, e-mail (e	tion – Name, Title, Ag -mail required)	gency, Address,
Other Agencies Participating In P	roject		— Kenneth Schroth		ar
Kane County Forest Preserve			City of Aurora	ic works/City Engine	CI
Fox Valley Park District			44 E. Downer Pl		
■New Project	☐ New Proj	iect	— Aurora, IL 6050 Email: kschroth(
☐ Existing CMAQ Project		CMAQ Project		<u>ayaurora-n.org</u> 3200 Fax: 630/256-32	229
☐ Add CMAQ to Existing Proje	ct	AQ to Existing Project	t		
II. PROJECT LOCATION		readily identified by lep sufficient to accurate			of this section
Name Of Street Or Facility To Be				ite # IL. Rte 25	
IL. Rte. 25 (Broadway), Aurora T Parking Facilities	ransportation Cent	er (ATC) and N. River	r Street		
Project Limits: North/West Reference	Point/Cross St/Intersect	tion	Marked Ro	ıte # Municipali	ty & County
North: Vine Street West: River S				Aurora, Ka	nne
Project Limits: South/East Reference Spring Street and BNSF Railroad		on	Marked Rou	ute # Municipali Aurora, Ka	ty & County nne
Other Project Location Information Aurora Transportation Center (A			·	<u> </u>	
III. PROJECT FINANCINO		NDING REQUEST	Γ Please revie	w the <u>instructions</u> .	
	Starting Federal		(New) CMAQ	Other Fed- Including prior	
	Fiscal Year*	Total Phase Costs	Funds Requested	Fund Type	Fund Type
Engineering Phase 1	2015	\$381,436	\$		\$
Engineering Phase 2	2016	\$747,588	\$598,071		\$
Right-Of-Way Acquisition		\$	\$		\$
Construction (Including Construction Engineering)	2017	\$13,456,588	\$8,027,911	Forest Preserve District of Kane County in-kind contribution toward construction of pedestrian bridge (IGA Resolution# R10-114)	\$2,000,000
Engineering (For Implementation Projects)		\$	\$		\$
Implementation		\$	\$		\$
Alternatives Analysis		\$	\$		\$
*Phase must be accomplished wit	thin 3 years	\$14,585,612	\$8,625,982		
Т	otal Project Costs	\$14,303,012	\$0,023,902		
Source Of Local Matching Funds		Transit Enterprise Fu	unds, TIF Funds and I	Kane County Forest P	reserve Grant
If So	ft Matching Funds	Are Intended To Be U	Jsed, Please Contact (CMAP Staff.	
Have the Matching Funds Been S Details): Yes	ecured? (Provide	and A051 and with I	Kane County Forest P	pital Improvement Properties Preserve via an IGA Reserve of the pedes	esolution R10-114,

CMAP FY 2016-2020 CMAQ PROJECT APPLICATION TRANSIT PROJECTS – PAGE 2

IV. PROJECT EMISSIONS BENEFIT	ΓDATA	
Project Type (Check One): E Facility Impr	ovement Service And Equipment	nt 🗷 Access to Transit
847 trips because of existing TOD and planne	ed TOD- total of 1636 trips (1636 x	
Length Of Auto Trips Eliminated (One-Way from ATC to the furthest City Limit).	Miles To The Nearest Tenth): 41.5	(Union Station to ATC stop- 37.5 mile post & 4 mile
Auto Trips Diverted Per Day (Round Trips):	3,272 (789 new parking spaces and	1 847 with construction of TOD)
Line-Haul Length Of Diverted Trips (One-W	ay Miles To The Nearest Tenth): 18	.8 mile s (mile post stop at ATC 37.5/2= 18.8)
Project Life (Years): over 20 year		
Provide basis for parameters used to estimate	benefits (e.g., new ridership, auto o	ccupancy, trip length. See <u>instructions</u>):
System Station Boarding/Alighting Count, 20	it Oriented Development (TCRP Re 08 City of Aurora Traffic Study, 20 ation Report, 2014 Fox Valley Park	entations are: Trip reduction calculation and port 128), City Comprehensive Plans, 2014 Metra Rail 08 Metra System Wide Bicycle Parking Inventory District Master Plan and CivilTech Traffic Impact
SERVICE IMPROVEMENTS N/A		
On-Time Performance - Route to be Improve	d:NASystem	-Wide:NA
Reliability Enhancements (Check All that Ap	ply):	
Rail	Bus	☐ Transit signal priority
☐ New Vehicles	☐ New Vehicles	☐ Multi-Door Boarding with Off-board
☐ Upgraded Switches	☐ Queue Jump/Bypass Lanes	Fare Collection
☐ Upgraded Power Supply	☐ Off-board Fare Collection	\square Bus-on-Shoulders
☐ Positive Train Control	☐ Reduced Stops/Express Service	■ Managed Lanes
☐ Station Consolidation	☐ New Dispatching/Decision Sup	port Dedicated Bus Way
☐ Track Improvements	Systems	☐ Far-side Stops
☐ Reduction of Freight/Vehicle/Pedestrian	■ Passenger Vehicle Movement	■ Bus Stop Upgrades
Interference	Restrictions	☐ Near Level Boarding
FACILITIES/CAPITAL IMPROVEMENTS:	AURORA TRANSPORTATION (CENTER (ATC).
Existing Asset Condition (1-5 scale used by F	ATA): 3.0 (Fig. 3.4 2014 RTS Capital G	Condition Assesment Report)
Description and Location of Service (For Equ	ipment Purchases): N/A	
Net Number Of New Vehicle Parking Spaces	: 789 (west lots 715 + 74 ATC lot) N	et Number Of New Bicycle Parking Spaces: 20
V. PROGRAM MANAGEMENT IN	FORMATION	
Is right-of-way acquisition required for this part of so, has right-of-way been acquired?	roject? □ Yes E No □ Yes E No	
Engineering Status: Date compl		way (provide details below) Engineering Completed on of engineering design has been completed. Phase 1 way
Estimated Completion Year/Start Of Service:	<u>2017</u>	

VI. PROJECT DESCRIPTION

The City of Aurora is committed to achieving the objectives of the "GoTo 2040" Regional Plan and the CMAQ Congestion Mitigation and Air Quality Improvements (CMAQ program). In order to succeed in these goals, the City proposes to implement the Aurora Transportation Center (ATC) Enhancements project as described in this application.

Multiple Areas of Impact

The project being proposed for programing is unique in that it encompasses multiple components of CMAQ eligible grant criteria. The proposed improvements are located in, and have positive impacts on, multiple CMAP Index Maps including those for Travel Time Reliability; Congestion Management Highway Network; Pedestrian Environment Factor; Land Use Diversity; Transit Accessibility and Sensitive Population.

The projected impacts and reductions are multi-faceted and thus will have a greater overall positive effect on the Regional Priorities. For example, in order to improve the current Pace Bus service, it is proposed to relocate the passenger loading area closer to the train platform, widen the southern driveway entrance into the ATC and install a traffic signal at Broadway. The intersection improvement would aid Pace in safety and efficiency as well as reduce idling and congestion during peak hours, while the added convenience of the loading area relocation will also encourage increased ridership.

Long Term Regional Impacts

The proposed project supports the regional priorities to reduce congestion and improve air quality, as the improvements support an existing public transit center by adding 789 parking stalls that will be available to commuters; increase transit use with a bicycle/pedestrian transit connection; support the local agency comprehensive plan; improve transit safety; encourage new high density development near an existing transit center; and expand the transit orientated area of influence of an existing transit center by enhancing the multi-modal access for a larger number of existing residential neighborhoods.

The projects' support of these priorities are quantified in the Benefit Data however, there are other yet un-measurable factors supporting the long term priorities of the region. For example, in order to retain and expand the number of commuter parking spaces available to the ATC, it is proposed to construct a connection to the City's public parking lots on the west bank of the river. The connection will make **789 public parking spaces** available to the facility which is adding a tangible benefit, while the enhanced bicycle and pedestrian access to the transit center will also re-establish the historic connection of the Tanner Historic District and its 618 homes. This west side neighborhood was developed in 1842 and provided housing for businessmen, merchants and workers who needed to be close to rail transportation for work. The new connection would again provide these west side residents with convenient vehicular and non-vehicular access to the transit center and encourage residents to consider transit a viable alternative to the ever enticing roadway and highway system.

The goal of the City is that this project, and the costs associated with it, achieve the maximum regional benefits, improvements in air quality, and reduction in congestion by impacting these objectives on multiple levels. Please see Exhibit A for overall project scope location, for the elements, as described below:

1. Modifying existing Aurora Transportation Center (ATC) parking lot to provide for better multi-modal access and improve pedestrian & traffic flow for safe, accessible, and user friendly transit station. The BNSF commuter line has the highest ridership of any of Metra's commuter lines, with average weekday ridership of 64,600. Weekday ridership at this stop is over 2,100 (4th highest on Metra BNSF) commuter line. Metra study indicates 93% parking utilization at this station. The proposed improvements consist of: new sidewalk, new curb, new ADA ramps, new bike shelter, new parking spaces, new drive isles and new PACE bus staging area.

- 2. Relocating Pace bus staging area to the east side of the commuter parking lot to improve safety and reduce bus delay into and out of transit center. Currently there are 8 Pace bus services that utilized this transit facility. Moving the buses closer to the platform and providing designated drop off area for bus-only will improve safety by reducing vehicle/bus/ pedestrian conflicts and increase bus efficiency, as well as improving ADA access. Under current conditions, passage vehicles routinely enter the Pace Pulse staging area or the pulse point access due to the untraditional intersection design. Relocating Pace staging area will necessitate the need for moving the existing traffic signal to the south ATC entrance. With the relocation of Pace staging area, the City can construct a parking lot that will add 74 more commuter parking stalls, new drive isle, sidewalk, and taxi and kiss-n-ride area within the current bus staging area for commuters.
- 3. Constructing 930' pedestrian bridge over the Fox River to provide direct access to the ATC and connectivity to the surrounding neighborhoods and regional bike trail. The pedestrian bridge will be a catalyst for promoting the use of this transit center and will increase ridership, with the addition of the west parking lots that are accessible and walkability. For example, the pedestrian bridge will:
 - a) Provide direct access to 1) three existing under-utilized parking lots on the west side of the Fox River (715 parking stalls), 2) the west side neighborhoods, 3) existing TOD, and 4) an existing regional bike trail system on the east and west side of the Fox River.
 - b) Close a regional bike trail gap. The Fox River Trail system begins at Bolz Rd. at Sandbloom Rd. in Algonquin and extends to Washington St. at Oswego Village Hall (43 miles). The trail has been interrupted within Downtown Aurora. The City has implemented several projects on the west side of the Fox River to reduce the gap, which currently ends at Hoyt Pl and Downer Pl (at the downtown Waubonsee Community College (WCC)). The east side trail currently ends at New York St. The City is proposing as part of a 2015 roadway project to construct a protected multiuse path which begins at Downer Pl and Hoyt Pl and will continue south for approximately 3,100 lineal feet until the final connection is made back the Fox River Trail system at North Ave. The pedestrian bridge will allow for the connection of the east and west side Fox River Trail and will direct pedestrians and bicyclists to the proposed signalized access at the ATC as described above and will thus promote ridership.
 - c) Advance and promote multi-modal access to the Aurora Transportation Center by mean of mass transit, walking and biking. Increase transit use will result in improve air quality and reduce congestion.
 - d) Support City's long term vision for Fox River corridor and transit area. This pedestrian bridge has been dentified in the City's Sieze the Future Downtown Mater Plan, RiverEdge Park Master Plan, Kane County DOT Complete Street Report and the City's Master Bicycle and Pedestrain Plan.
- 4. Constructing a new parking lot on the west side of the Fox River (715 available parking spaces) to increase ridership. RTA 2014 parking count noted 1,633 available parking spaces (public and private lots -307). Metra study indicated that there is a 93% utilization of the existing parking lots, prior to the recession in 2007, there was 100% parking utilization. To promote transit use and ridership, the City proposes the expansion of parking Lot X, which will add 90 new parking stalls. In addition, three (3) existing underutilized public parking lots (A, X and W) will be available to transit commuters. A total of 715 free public parking spaces on the west side of the Fox River, with direct connection via the proposed pedestrian bridge will be available to commuters. The proposed work will consist of new asphalt pavement, curb and gutter, parking lot lightings, grading, utilities relocation, and landscape.
- 5. Installing new traffic signals on IL Rte. 25 (Broadway Street) and intersection improvements into the ATC parking lot to improve access capacity. These improvements will significantly reduce congestion during peak time and minimize intersection delays for commuters. The proposed work consist of; updating existing traffic interconnect, installing traffic signal, consolidating access points, installing streetlights within a proposed raised median and ADA accessible sidewalk. Without these intersection improvements, Pace staging area cannot be relocated and improvements to the ATC parking lot cannot be accomplished.

Enclosed for reference are various exhibits that support our grant application. Also, listed below are projects that have been accomplished and/or planned for construction to demonstrate the City investments and goals of support of the Go to 2040 Regional Comprehensive Plan.

- **2015.** The City will be completing a two-way conversion project on River Street and Lake St (Il Rte 31), in which a designated protected bike lane will be provided. The bicycle trail gap that has existed through downtown Aurora will be connected on the west side of the Fox River from Downer Place to North Ave. The pedistrian bridge will link the regional bike trail on the east side of the River that currenlty terminates at New York St to the completely connected regional trail on the west side of the river.
- **2014.** The City installed electronic pay by license plate stations and purchased vehicle license plat readers so that commuters can park and pay using a smart phone. In addition, two electrical charging stations were installed by the City to promote alternative energy use.
- **2013-2014.** Fox Valley Park District constructed several projects (pedestrian bridge, parks and trailstotaling \$2.4 million) on the west side of the River to provide connectivity and connection to the Virgil Gilman Trail and the Fox River Trail System.
- **2012.** When Waubonsee Community College (WCC) was under construction in Downtown, the City constructed the lower river walk from Galena Bouvelard to Downer Place to reduce the Fox River Trail gap, costing \$1.2 million.
- **2010.** Kane County Forest Preserve District recognized the importance of the pedestrain bridge and existing trail gap by committing \$2,000,000 to the construction of the bridge.
- **2007.** The RiverEdge Park Master Plan was approved by the City Council on September 25, 2007 by Resolution Number R07-476. As part of said master plan, a bridge was proposed to span the Fox River from the west bank to the east bank across from the Aurora Transportation Center. RiverEdge Park (completed in 2013) is designed to be the center piece of the redevelopment efforts for Aurora's Downtown by connecting neighborhoods on both sides of the river and act as a catalyst to unify Aurora and encourage TODs in the downtown corridor.

No land acquisition is required for this project. All lands are owned by the City of Aurora.

CMAQ FY 2016-2020 PROJECT SCOPING REPORT

FOR PROPOSED INTERSECTION IMPROVEMENTS, BOTTLENECK ELIMINATIONS, BICYCLE/PEDESTRIAN, AND COMMUTER PARKING FACILITY PROJECTS

FOR PROJECTS FOR WHICH A PROJECT DEVELOPMENT REPORT IS NOT NOW BEING REVIEWED

PART I. OVERVIEW

COMMON ROUTE NAME: <u>Aurora Transportation Center (ATC) Enhancements</u> ROUTE MARKING: <u>NONE</u>

LIMITS: FROM: Spring Street TO: ATC Parking Lot

COUNTY: Kane

FIELD/SITE REVIEW DATE: Commuter Parking Lot/ Site various site visit, latest occurred 1/20/2015

FIELD REVIEW PARTICIPANTS: Souts Thavong PE, Dan Feltman, PE, and Stephane Phifer,

JURISDICTIONS INVOLVED: City of Aurora

KEY PEOPLE:

Name: Ken Schroth, P.E Name: Dan Feltman, P.E

Title: <u>City Engineer/Public Works Director</u> Title: <u>New Development Coordinator</u>

Phone/fax: 630/256-3200 Phone/fax 630/256-3204

Project Overview Exhibit

Aurora Transportation Center (ATC), Aurora (see also attachments)



PART II. EXISTING CONDITIONS

VERTICAL CLEARANCE RESTRICTIONS (existing profile/overhead structures): **NONE** HORIZONTAL RESTRICTIONS (ROW/sidewalks/curb & gutter/buildings): None UNUSUAL SOIL CONDITIONS (CHECK ALL THAT APPLY): **▼** Wetlands ☐ cattails in ditches \square bogs \square dry land bridges □contaminated soil UTILITIES INVOLVED (CHECK ALL THAT APPLY): 🗷 gas 🗷 telephone **■** cable **■**sewer **■**water □ pipelines ≥other **区** Electrical SPECIAL SAFETY CONSIDERATIONS (high accident spots and sections): ADA accessible sidewalk and bike path will improve safety conditions in the area by providing pedestrians with a defined travel way, reducing conflicts with vehicles and buses. Further, additional parking access will relieve congestion and promote the use of public transportation. Because the Bus staging area will be isolated from the commuter parking, the interaction between buses and passenger vehicles will be reduced and therefore reducing bus/vehicle conflicts. CROSSED OR ADJACENT BRIDGES: ☐ Applicable (Complete and include one or more copies of Attachment 1) **☒** Not Applicable SIGNALIZED INTERSECTIONS: (IL. RTE. 25 @ SOUTH ATC ENTRANCE, SPRING ST AND ROUNDHOUSE ENTRANCE. Applicable: Complete and include for each intersection: one copy of Attachment 2 two Input Module Worksheets (one for current conditions and one for conditions after the proposed project) if signals are actuated, the Actuated Controller Properties page of the Input Module Worksheet As many Actuated Controller Coordination pages of the Input Module Worksheet as warranted, i.e., based on extended side-street leading left-turn phases ☐ Not Applicable UNSIGNALIZED INTERSECTIONS NEEDING UPDATE: (IL. RTE 25 AT SOUTH ATC ENTRANCE) Applicable: Complete and include for each intersection: one copy of Attachment 3 two Input Module Worksheets (one for current conditions and one for conditions after the proposed project) □Not Applicable DRAINAGE DATA: **区**Complete and include one or more copies of Attachment 4 RAILROADS: ☐ Applicable (Complete and include one or more copies of Attachment 5) ■ Not Applicable

Aerial Views-Existing Condition



Available Public Parking Spaces for Commuters (West Lots)

Aerial 1. Existing Condition- Looking NW- West Parking Lots

Aurora Transportation Center (ATC)



Aerial 2. Existing Condition- Looking North- Aurora Transportation Center (ATC)

PART III. ENVIRONMENTAL AND SPECIAL DATA

Documented (IDNR) or possible wetlands: ■ Yes □ No:
Location(s): Fox River- Permit application being prepared as part of Phase1.
Parks or Forest Preserve: Yes □ No:
Location(s) Kane County Forrest Preserve and Fox Valley Park District Trail System (along Fox River)
4(f) Involvement □ Definite □ Possible
Cultural resource involvement (check all that apply):
☐ Historic district ☐ Historic structure ☐ Historical marker
☐ Other eligible historic designations ☐ Other cultural resources
Location(s): Fox River-west side and Tanner Historic District- See location map
Adjacent land use (Check all that apply)
■ Residential ■ Office/Retail □ Schools
☐ Industrial
Hazardous materials (UST, LUST, other hazardous waste sites) □ yes □ No Test to be performed as part of Phase 1.
Potential contaminated soils:Test to be performed as part of Phase 1.
Local Acceptability (a federally accepted public involvement program will be prepared during project development)
Is there local public support, generally? ■ Yes □ No
Has the affected public been involved/informed? ✓ Yes No
How? The public was involved in the development/drafting of the Seize the Future Master Plan for Downtown
and River Edge Park Master Plan. Fox River walk Commission and the Aurora Downtown Executive Committee was
engaged during the preliminary bridge design.

PART IV. PROPOSED SCOPE OF WORK

Engineering (Enter cost if eligible for federal funding): Phase I (preliminary design) \$ 381,436 % complete 25 Months to complete 6 Phase II (plans, specs and estimates) \$747,588 % complete 0% Months to complete 6 Right of way needed: ■ No □ Yes: Estimated cost § 0 Utility Relocation □ No ■ Yes: Construction: Cost \$ 13,456,588 Months to complete: 9 Calendar Year 2017 (INCLUDE DETAILED COST ESTIMATE FOR CONSTRUCTION ITEMS ON FOLLOWING PAGE). Proposed cross section(s)/dimensions (If applicable): Number of through lanes (Roads): Pavement width: Shoulder or parkway width: Median: □ None □Raised □ Flush □ Mixed Square feet (Parking) Project Length: 1,800' + 930' Pedestrian Check all that apply, and complete number where applicable. ☑ Intersection improvements (Number 3) ☐ Bottleneck elimination New traffic signals (Number 1) ☐ Traffic signal modernization (Number) \square Signals to be interconnected (Number 3) ☐ Structural improvements ■ Pedestrian/bicycle accommodations (Describe Roadside Improvements (Retaining walls, Below. Include limits and connecting facilities) positive barriers, etc.) ☐ New/Relocated Train Station ☐ Train Station Improvements ☐ Railroad Grade Crossing Improvements **☒** ADA Access Improvements ☑ Commuter parking: (715parking spaces available to commuters and **■** Landscaping 74 parking spaced gained in ATC, totaling 789 new available parking spaces for commuters.

For all items checked above, describe improvements in the space below. Attach additional sheets if necessary.

Commuter Parking (ATC Parking Enhancement).

The proposed improvements will consist of: new traffic signal into the commuter parking lot from the intersection of Rte. 25, internal lane modifications will be done to improve traffic movement, designated bus only lane with fencing will be provided, proposed area for kiss-n-ride and taxi, motor cycle and bike shelter will also be provided. Approximately 789 (west lots 715 + 74 ATC parking) parking spaces, west of the Fox River, on City's lots, will be available for commuters. Pace bus staging area will be relocated and area will be designated for commuter parking with net gain of 74 parking stalls. Relocating Pace drop off/pick up will greatly reduce pedestrian and vehicular conflicts and improve safety.

Pedestrian/Bicycle Accommodation (Bridge over Fox River)

A box beam concrete bridge that will span approximately 930 ft will be constructed to provide direct connection to the existing public parking spaces on the west side of the River to ATC, which will be available to commuters. The pedestrian bridge and associated intersection work will be designed to accommodate ADA requirements.

Intersection & New Traffic Signal & Interconnected.

Installing new traffic signals on IL Rte. 25 (Broadway Street) and intersection improvements into the commuter parking lot to improve access capacity into and out of the parking lot, significantly reducing congestion during peak time and minimizing intersection delays for commuters.

Location 1. Spring Street and Rte. 25.

Shared access on Spring Street will be provided for properties that will be impacted with the removal of the traffic signal at the Roundhouse. Existing signalized T-intersection will be improved to provide for full access (west bound traffic). Designed turn lanes (north bound) will be provided.

Location 2. IL.Rte 25 and Roundhouse Entrance.

Existing traffic signal will be removed. Restricted access will be provided meeting IDOT's standard. The turning movement will be Left In Only (southbound) and Right In Only (northbound) and Right Out (northbound) to the Roundhouse & Comfort Suites will be provided. Raised median be constructed to control access.

Location 3. - IL. Rte. 25 and South ATC Entrance.

Existing stop controlled intersection will be improved with new traffic signal, designated lanes for Left and Right Out only. This will increase the exiting capacity during peak hours.

Drainage:	
■ Urban (Enclosed) □ Rural	(Open)
Is detention required? 🗷 No	☐ Yes (If yes, check type below)
☐ In line detention	□ New outlets (Where?)
☐ Detention basin	☐ Detention off-site

PROJECT MILESTONE SCHEDULE

Municipality:	City of Aurora
Project:	Aurora Transportation Center (ATC) Enhancements
Scope of Work:	Parking Lot Improvements, Pedestrian Bridge and Intersection Improvements
TIP#:	N/A
TIP Years (Ph II / Const):	N/A
Section #:	N/A
Last Constr & E3 Cost (date	
): \$	N/A
Current Constr & E3 Cost (date:	
): \$	N/A

_	Contact Information
Municipality:	City of Aurora, Public Works Department, Kenneth Schroth, P.E., CFM, Public Works Director/City Engineer. 44 E. Downer Place Aurora, IL 60507
Council/Liaison:	Kane County/Mike Sullivan & Jennifer Becker-KDOT
Consultant:	Mr. PatrickKelsey, Wills Burke Kelsey Associates, 8 East Galena Blvd. Suite 402, Aurora, IL 60507. Email:pkelsey@wbkengineering.com. Phone: 630/701-2245
IDOT:	N/A

		Date	
Date Prepared:	<u>2/4/2015</u>	Revised:	

Projected Dates

		Trojected Dates		
	Initial Est.	Kick-Off	Revised/Actual	Notes
1. Project Scoping		Feb-15		
2. IDOT Phase I Kick-off Meeting		Feb-15	2/20/2015	
3. 1st State/Federal Coordination Meeting		Apr-15		
4. Categorical Exclusion Concurrence		Apr-15		
5. Design Variance Concurrence		May-15		
6. Submit Draft Phase I Report (PDR) to IDOT (a)		Jun-15		
7. Public Hearing/Meeting (or N/A)		N/A		
8. Right-of-Way Kick-off Meeting (or N/A)		N/A		
9. Submit Final Phase I Report (PDR) to IDOT (b)		Nov-15		
10. Submit Phase II Engr. Agreem't to IDOT (or N/A)		Jan-16		
11. Phase I Design Approval		Mar-16		
12. ROW Acquisition Initiation (or N/A) (c)		N/A		
13. Phase II Engr. Agreement Approval (or N/A)		May-16		
14. Submit Pre-Final Plans and Estimates (d)		Nov-16		
15. Submit Phase III Engr. Agreement to IDOT		Mar-17		
16. Submit Final Plans, Specs & Estimates (PS&E) (e)		Apr-17		
17. ROW Acquisition Complete		N/A		
18. Construction Letting		9/22/2017		Construction to occurred at end of summer concerts series.

Notes:

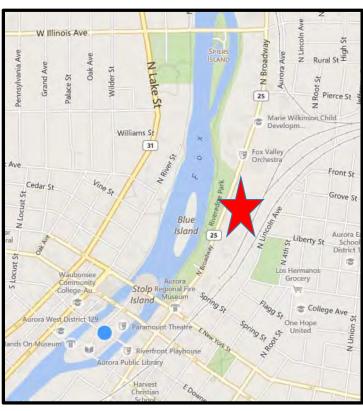
- (a) 3 to 6 month review required per complexity and submittal quality
- (b) 1 to 3 month review
- (c) Minimum 9 to 18 months required from plats to acquisition
- (d) 1 to 4 month review
- (e) 7 to 10 days before Springfield BLR due date

See IDOT Local Roads' Mechanics of Project Management

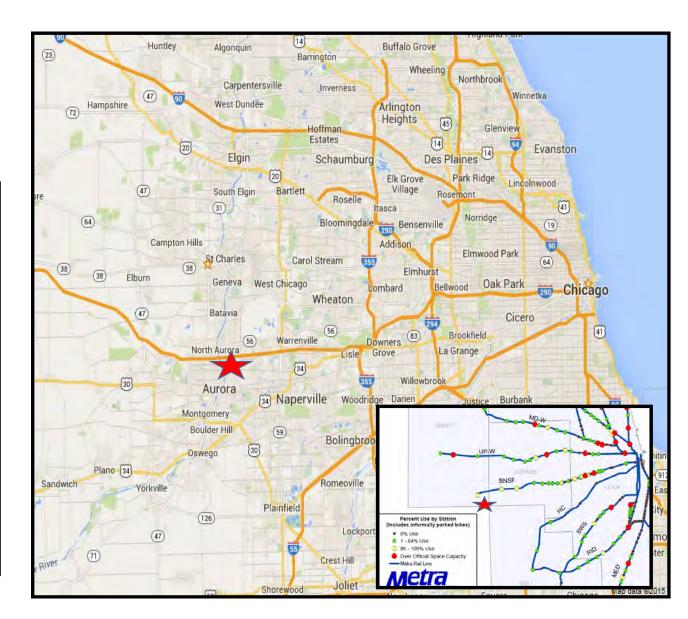
"Federal Aid Project Initiation to Completion" Flow Chart for sequence of events and estimated review times.

ITEM Substructure			oncrete/rebar		CY	QUANTITY 190	PRICE \$800.00	\$151,703.70
	Abutment width Height	16 15	ft. ft.					
	Stem Volume Footing depth	71 10	ft. CY	total (2 abuts)	l Í			
	Footing width Footing volume	10 10 119	CY	total (2 abuts)				
	Total Abutment Concrete	190	CY	total (2 abuts)				
		nent Piles			CY LF	750 60	\$80.00 \$800.00	\$60,000.00 \$48,000.00
	Abutment Piles CIDH Abutment Piles	Soil	Rock	Diameter	LF	40	\$15,000.00	\$600,000.00
	A1 A7	Length 30 30	Length 20 20	8				
		60 fer Dam	40	. 0	SF	8400	\$75.00	\$630,000.00
		ncrete/rebar Height	Diameter	Vol	CY	164	\$1,200.00	\$196,593.89
	B2	ft. 15	ft. 8	CY 28				
	B3 B4	18 22	8 8	34 41				
	B5 B6	18 15	8	34 28				
	Pier Excav	vation/Backf		164	CY LF	100 75	\$120.00 \$800.00	\$12,000.00 \$60,000.00
	Pier Piles CID			Diameter	LF	100	\$15,000.00	\$1,500,000.00
	B2	Length 15	Length 20	8				
	B3 B4	15 15	20 20	8				
	B5 B6	15 15	20 20	8				
		75	100			SUBTOTAL		\$3,258,297.59
perstructure	Section at start	Superstruc	ture (beam and sl	ft2	CY	2739	\$1,200.00	\$3,287,111.11
	Sxn at end Avg Section		77 84.5	ft2 ft2				
	Volume Section at mid-		800 2,504	ft2 CY				
	overlook Length		106 60	ft2 ft2				
	Volume Total Superstructure		236	CY				
		ensioning	2,739 190	strands	LB	120655	\$4.00	\$482,620.06
	Length of tendons Wt of PT		860 120,655	ft.				
Grade Approach	Ra		ch built on fill		SF	3200	\$200.00	\$640,000.00
	North End	Length Width	100 16	ft.				
	South End	Area Length	1,600 100	SF ft.				
		Width Area	16 1,600	ft. SF				
Mi	Total slab on fill area		3,200 surfacing, paint)	SF	SF	12090	\$50.00	\$604,500.00
iling	, 22003 01011	Rail			LF	SUBTOTAL 2130	\$200.00	\$5,014,231.17 \$426,000.00
		Ligh	_		LF	2130 SUBTOTAL	\$200.00	\$426,000.00 \$852,000.00
REM	MOVAL AND DISPOSAL POROUS GRANU				CU YD CU YD	Pedestrian Brid 500 500	\$45.00 \$45.00	\$9,124,528.76 \$22,500.00 \$22,500.00
	PERIMETER EF				FOOT EACH	1,000	\$45.00 \$3.50 \$250.00	\$22,500.00 \$3,500.00 \$2,500.00
	PAVEMEN COMBINATION CURB	NT REMOVA AND GUTTE	R REMOVAL		SQ YD FOOT	4,465 6,334	\$12.00 \$5.00	\$53,580.00 \$31,670.00
	SIDEWAL REMOVING DRAII ADJUSTING		ICTURES		SQ FT EACH EACH	13,305 25 75	\$2.00 \$750.00 \$300.00	\$26,610.00 \$18,750.00 \$22,500.00
	LIGHT POI LANDSCAPE M	LE REMOVA MEDIAN REM	IL IOVAL		EACH SQ FT	35 12,605	\$1,000.00 \$2.00	\$35,000.00 \$25,210.00
_	STORM SEV BIOS	WER SYSTE SWALE			L SUM L SUM	1	\$250,000.00 \$30,000.00	\$250,000.00 \$30,000.00
· <u></u> -		SIDEWALK SLE WARNING CT METRA F			SQ FT SQ FT SQ FT	43,160 300 600	\$6.50 \$50.00 \$30.00	\$280,540.00 \$15,000.00 \$18,000.00
	BECUMETULA				OW ET		ψου.υυ	\$18,000.00 \$448,360.00
	RECONSTRUC PAVEMENT PATCH PAVEMEN				SQ YD SQ YD	8,152 1,154	\$55.00 \$2.50	\$2,885.00
	PAVEMENT PATCH PAVEMEN PAVEMENT RE NATION CONCRETE C	HING/NEW P NT GRINDING ESURFACIN CURB AND G	G G (2") SUTTER, TYPE B-6		SQ YD SQ YD TON FOOT	8,152 1,154 141 6,300	\$2.50 \$80.00 \$24.00	\$2,885.00 \$11,280.00 \$151,200.00
CONC CAST-	PAVEMENT PATCH PAVEMEN PAVEMENT RE NATION CONCRETE C RETE RETAINING CUI	HING/NEW P NT GRINDING ESURFACIN CURB AND G RB (VARIABI E RETAINING	G G (2") SUTTER, TYPE B-6 LE HEIGHT, 2' MA G WALL (3' MAX H	X)	SQ YD SQ YD TON FOOT FOOT SQ FT	8,152 1,154 141 6,300 150 300	\$2.50 \$80.00 \$24.00 \$40.00 \$65.00	\$2,885.00 \$11,280.00 \$151,200.00 \$6,000.00 \$19,500.00
CONC CAST- OF RECO	PAVEMENT PATCH PAVEMEN PAVEMENT RE NATION CONCRETE C RETE RETAINING CUI	HING/NEW P NT GRINDING ESURFACIN CURB AND G RB (VARIAB E RETAINING ATTACHED K AREA FOR	G G (2") SUTTER, TYPE B-6 LE HEIGHT, 2' MA G WALL (3' MAX H TO CONCRETE NEW CURB RAM	X) T)	SQ YD SQ YD TON FOOT FOOT	8,152 1,154 141 6,300 150	\$2.50 \$80.00 \$24.00 \$40.00	\$2,885.00 \$11,280.00 \$151,200.00 \$6,000.00
CONC CAST- OI RECO ORNAMEN	PAVEMENT PATCH PAVEMENT PAVEMENT RE NATION CONCRETE C RETE RETAINING CUI IN-PLACE CONCRETE RNAMENTAL FENCE, INSTRUCT BIKE RACK VITAL FENCE, 4'-TALL, ATC SITI IL 25 ROAD	HING/NEW P NT GRINDING ESURFACIN CURB AND G RB (VARIABI E RETAINING ATTACHED A AREA FOR POST MOU E LIGHTING WAY LIGHTI	G (2") SUTTER, TYPE B-6	X) T) P MENT	SQ YD SQ YD TON FOOT FOOT SQ FT FOOT L SUM L SUM L SUM	8,152 1,154 141 6,300 150 300 100 1 1 930 1	\$2.50 \$80.00 \$24.00 \$40.00 \$65.00 \$65.00 \$5,000.00 \$100,000.00 \$100,000.00	\$2,885.00 \$11,280.00 \$151,200.00 \$6,000.00 \$19,500.00 \$6,500.00 \$5,000.00 \$93,000.00 \$100,000.00 \$308,000.00
CONC CAST- OI RECO ORNAMEN THERMOP	PAVEMENT PATCH PAVEMENT PAVEMENT RE NATION CONCRETE C RETE RETAINING CUI IN-PLACE CONCRETE RNAMENTAL FENCE, NSTRUCT BIKE RACK VITAL FENCE, 4'-TALL, ATC SITI IL 25 ROAD\ PLASTIC PAVEMENT M HERMOPLASTIC PAVI	HING/NEW P NT GRINDING ESURFACIN CURB AND G RB (VARIABI E RETAINING ATTACHED K AREA FOR POST MOU E LIGHTING WAY LIGHTI MARKING - LI EMENT MAR	G (2") SUTTER, TYPE B-6 LE HEIGHT, 2' MA 3 WALL (3' MAX H TO CONCRETE NEW CURB RAM NTED INTO PAVE NG ETTERS AND SYN. KKING - LINE 4"	X) T) P MENT	SQ YD SQ YD TON FOOT FOOT SQ FT FOOT L SUM FOOT L SUM SQ FT FOOT FOOT FOOT FOOT FOOT FOOT FOOT F	8,152 1,154 141 6,300 150 300 100 1 1 930 1 1 1 500 11,120	\$2.50 \$80.00 \$24.00 \$40.00 \$65.00 \$5.00.00 \$100.00 \$100.00 \$100.00.00 \$308,000.00 \$110.00 \$110.00	\$2,885.00 \$11,280.00 \$151,200.00 \$6,000.00 \$19,500.00 \$5,500.00 \$5,000.00 \$93,000.00 \$100,000.00 \$5,000.00 \$1308,000.00 \$1308,000.00
CONC CAST- OI RECO ORNAMEN THERMOP TI TI	PAVEMENT PATCH PAVEMENT PAVEMENT PAVEMENT RE NATION CONCRETE C RETE RETAINING CUI IN-PLACE CONCRETE RNAMENTAL FENCE, INSTRUCT BIKE RACK NTAL FENCE, 4'-TALL, ATC SITI IL 25 ROADI PLASTIC PAVEMENT M HERMOPLASTIC PAVE STRIPING IMPROVE	HING/NEW P NT GRINDING ESURFACING CURB AND G RB (VARIABI E RETAINING ATTACHED CAREA FOR POST MOU E LIGHTING WAY LIGHTI JARKING - LI EMENT MAR EMENT MAR EMENT MAR EMENTS - IL	G G (2") SUTTER, TYPE B-6 LE HEIGHT, 2' MA 3 WALL (3' MAX H TO CONCRETE NEW CURB RAM NTED INTO PAVE NG ETTERS AND SYN RKING - LINE 4" KKING - LINE 6" RNG - LINE 24" ROUTE 25	X) T) P MENT	SQ YD SQ YD TON FOOT FOOT SQ FT FOOT L SUM FOOT L SUM SQ FT SQ FT	8,152 1,154 141 6,300 150 300 100 1 1 1 930 1 1	\$2.50 \$80.00 \$24.00 \$40.00 \$65.00 \$65.00 \$5,000.00 \$100.00 \$308,000.00 \$100.00 \$100.00	\$2,885.00 \$11,280.00 \$151,200.00 \$6,000.00 \$19,500.00 \$5,000.00 \$5,000.00 \$100,000.00 \$38,000.00 \$5,000.00
CONC CAST- OI RECO ORNAMEN THERMOP TI TI TI	PAVEMENT PATCH PAVEMENT PAVEMENT PAVEMENT RE NATION CONCRETE C RETE RETAINING CUI IN-PLACE CONCRETE RINAMENTAL FENCE, INSTRUCT BIKE RACK VITAL FENCE, 4'-TALL, IL 25 ROAD) PLASTIC PAVEMENT M HERMOPLASTIC PAVE HERMOPLASTIC PAVE STRIPING IMPROVE STRIPING IMPROVE RAISED MEDIAN LANDSC.	HING/NEW P TT GRINDING TT GRINDING CURB AND G RB (VARIABIB AREA FOR ATTACHED K AREA FOR POST MOU E LIGHTING WAY LIGHTI MARKING - LI EMENT MARE EMENT S - IL EMENT MARE EMENT S - IL EMENT MARE EMENT M	G G (2") UITTER, TYPE B-6 LE HEIGHT, 2" MA 3 WALL (3" MAX H TO CONCRETE NEW CURB RAM NTED INTO PAVE NG ETTERS AND SYN KKING - LINE 4" KKING - LINE 6" KKING - LINE 6" KKING - LINE 24" - ROUTE 25 - IL ROUTE 25	X) T) P MENT	SQ YD SQ YD TON FOOT FOOT SQ FT FOOT L SUM SQ FT FOOT L SUM SQ FT FOOT FOOT L SUM SQ FT FOOT SQ FT FOOT L SUM SQ FT FOOT SQ FT	8,152 1,154 141 6,300 150 300 100 1 1 930 1 1 1 500 11,120 1,707 351 1 2,030 7,050	\$2.50 \$80.00 \$24.00 \$40.00 \$65.00 \$5,000.00 \$100.00 \$100.00 \$125 \$3.50 \$10.00 \$10.00 \$1.25 \$3.50 \$10.00 \$10.00 \$10.00 \$10.00 \$10.00 \$10.00 \$10.00 \$10.00	\$2,885.00 \$11,280.00 \$151,200.00 \$6,000.00 \$19,500.00 \$6,500.00 \$5,000.00 \$100,000.00 \$130,000.00 \$130,000.00 \$133,900.00 \$5,974.50 \$3,510.00 \$71,050.00 \$71,050.00
CONC CAST- OI RECO ORNAMEN THERMOP TI TI	PAVEMENT PATCH PAVEMENT PAVEMENT PAVEMENT RINATION CONCRETE C RETE RETAINING CUI IN-PLACE CONCRETE RNAMENTAL FENCE, NSTRUCT BIKE RACK YTAL FENCE, 4'-TALL, ATC SITI IL 25 ROAD! PLASTIC PAVEMENT M HERMOPLASTIC PAVE HERMOPLASTIC PAVE STRIPING IMPROVE RAISED MEDIAN CONS MEDIAN LANDSC, RELOCATE BIK PAVE RELOCATE BIK RNAMENTAL REMOPLASTIC PAVE RAISED MEDIAN CONS MEDIAN LANDSC, RELOCATE BIK REMOPLASTIC PAVE RELOCATE BIK RELOCATE BIK RELOCATE BIK REMOPLASTIC PAVE RELOCATE BIK RELOCATE	HING/NEW P TT GRINDING TT GRINDING TT GRINDING HING HIN	G G (2") G (2") G (2") EUTTER, TYPE B-6 LE HEIGHT, 2' MA S WALL (3' MAX H TO CONCRETE NEW CURB RAM NTED INTO PAVE NG ETTERS AND SYN. EKING - LINE 4" KKING - LINE 6" ROUTE 24" ROUTE 25 - IL ROUTE 25 COUTE 25 KERS	X) T) P MENT	SQ YD SQ YD TON FOOT FOOT FOOT L SUM FOOT L SUM FOOT L SUM L SUM SQ FT FOOT FOOT FOOT FOOT FOOT FOOT FOOT F	8,152 1,154 141 6,300 150 100 100 1 1 930 1 1 500 11,120 1,707 351 1 2,030 7,050 1 1	\$2.50 \$80.00 \$24.00 \$40.00 \$65.00 \$65.00 \$100.00 \$100.00 \$100.00 \$110.00 \$11.25 \$3.50 \$10.00 \$110.00 \$110.00 \$110.00 \$110.00 \$110.00 \$110.00 \$110.00	\$2,885.00 \$11,280.00 \$151,200.00 \$6,000.00 \$19,500.00 \$6,500.00 \$5,000.00 \$93,000.00 \$100,000.00 \$308,000.00 \$5,974.50 \$3,510.00 \$71,050.00 \$71,050.00 \$10,000.00
CONC CAST- OI RECO ORNAMEN THERMOP TI TI	PAVEMENT PATCH PAVEMENT PAVEMENT PAVEMENT PAVEMENT PAVEMENT NATION CONCRETE C RETE RETAINING CUI IN-PLACE CONCRETE RNAMENTAL FENCE, DISTRUCT BIKE RACK NTAL FENCE, 4'-TALL, ATC SITI IL 25 ROADD LASTIC PAVEMENT M HERMOPLASTIC PAVE STRIPING IMPROVE STRIPING IMPROVE SAISED MEDIAN CANS MEDIAN LANDSC, RELOCATE BI RELOCATE BI RELOCATE P	HING/NEW P TT GRINDING TT GRINDING FURB AND G RB (VARIABIB RB (VARIABIB ATTACHED ATTACHED ATTACHED G ATTACHED H ARRING - LI BEMENT MAR BEMENT M	G G (2") SUTTER, TYPE B-6 LE HEIGHT, 2' MA G WALL (3' MAX H TO CONCRETE NEW CURB RAM NTED INTO PAVE NG ETTERS AND SYN KKING - LINE 4" KKING - LINE 6" KKING - LINE 6" KROUTE 25 - IL ROUTE 25 COUTE 25 KERS XXES KERS XXES	X) T) P MENT	SQ YD SQ YD TON FOOT FOOT SQ FT FOOT L SUM FOOT L SUM FOOT L SUM FOOT L SUM SQ FT FOOT FOOT FOOT L SUM SQ FT FOOT FOOT SQ FT FOOT L SUM	8,152 1,154 1,154 6,300 150 300 150 300 1 1 1 1 500 11,120 1,707 351 1 2,030 7,050 1	\$2.50 \$80.00 \$24.00 \$44.00 \$65.00 \$65.00 \$5,000.00 \$100.00 \$100.00 \$110.00 \$11.25 \$3.50 \$11.00 \$11.00 \$11.00 \$11.00 \$11.00 \$11.00 \$11.00	\$2,885.00 \$11,280.00 \$151,200.00 \$6,000.00 \$19,500.00 \$6,500.00 \$5,000.00 \$300.00 \$100,000.00 \$308,000.00 \$13,900.00 \$5,974.50 \$3,510.00 \$71,050.00 \$70,500.00 \$10,000.00
CONC CAST- OI RECO ORNAMEN THERMOP TI I TI F	PAVEMENT PATCH PAVEMENT PATCH PAVEMENT RIP PAVEMENT RIP PAVEMENT RIP NATION CONCRETE C RETE RETAINING CUI IN-PLACE CONCRETE RNAMENTAL FENCE, INSTRUCT BIKE RACK VITAL FENCE, 4'-TALL, ATC SITI IL 25 ROAD) PLASTIC PAVEMENT M HERMOPLASTIC PAVE HERMOPLASTIC PAVE STRIPING IMPROVIE RAISED MEDIAN CONS MEDIAN LANDSC. RELOCATE BI RELOCATE P REMOVE PAR REMOVE PAR REMOVE PAR REMOVE PA REMOVE E INSTALL PACE PACE ELECTRICAL C	HING/NEW P TT GRINDING TT GRINDING CURB AND G RB (VARIABIB AREA FOR ATTACHED C AREA FOR POST MOU E LIGHTING MAY LIGHTI MARKING - LI EMENT MARE EMENT SIL EMENT	G G (2") JUTTER, TYPE B-6 LE HEIGHT, 2' MA 3 WALL (3' MAX H TO CONCRETE NEW CURB RAM NTED INTO PAVE NG ETTERS AND SYN KKING - LINE 4" KKING - LINE 6" KKING - LINE 24" ROUTE 25 - IL ROUTE 25 OUTE 25 KERS XXES TER IR LTER	X) T) P MENT MBOLS	SQ YD SQ YD TON FOOT FOOT SQ FT FOOT L SUM FOOT L SUM FOOT L SUM FOOT L SUM SQ FT FOOT L SUM SQ FT FOOT L SUM SQ FT FOOT L SUM L SUM L SUM FOOT L SUM FOOT L SUM L SUM FOOT L SUM L	8,152 1,154 141 6,300 150 300 150 300 100 1 1 930 1 1 1 2,030 11,707 351 1 2,030 7,050 1 1 1 5 4 8 1	\$2.50 \$80.00 \$24.00 \$40.00 \$65.00 \$65.00 \$5,000.00 \$100.00 \$100.00 \$1100.00 \$110.00 \$11.25 \$3.50 \$110.00	\$2,885.00 \$11,280.00 \$151,200.00 \$6,000.00 \$19,500.00 \$6,500.00 \$5,000.00 \$93,000.00 \$100,000.00 \$308,000.00 \$13,900.00 \$5,000.00 \$13,900.00 \$5,974.50 \$3,510.00 \$10,000.00 \$71,050.00 \$71,500.00 \$10,000.00 \$1,500.00 \$10,000.00 \$1,500.00 \$1,500.00 \$1,500.00 \$1,500.00 \$2,500.00 \$1,500.00 \$2,500.00 \$1,000.00 \$1,500.00 \$2,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00
CONC CAST- OI RECO ORNAMEN THERMOP TII TT	PAVEMENT PATCH PAVEMENT PAVEMENT PAVEMENT RI NATION CONCRETE C RETE RETAINING CUI IN-PLACE CONCRETE RNAMENTAL FENCE, , INSTRUCT BIKE RACK YTAL FENCE, 4'-TALL, ATC STIT IL 25 ROADI IL 26 ROADI IL 26 ROADI IL 27	HING/NEW P TT GRINDING TT GRINDING TT GRINDING FR (VARIABIE FR B (VARIABIE ATTACHED A AREA FOR THOR	G G (2") UITTER, TYPE B-6 LE HEIGHT, 2' MA G WALL (3' MAX H TO CONCRETE NEW CURB RAM NTED INTO PAVE NG ETTERS AND SYN KKING - LINE 6" KKING - LINE 6" KKING - LINE 24" ROUTE 25 - LI ROUTE 25 COUTE 25 KERS DXES LTER LTER NDHOLE ALLOWA E NOE	X) T) P MENT MBOLS	SQ YD SQ YD TON FOOT FOOT SQ FT FOOT L SUM FOOT L SUM SQ FT FOOT FOOT FOOT FOOT FOOT FOOT FOOT F	8,152 1,154 141 6,300 150 300 100 1 1 930 1 1 500 11,120 1,707 351 1 2,030 7,050 1 1 1 5 4 8 1 1 1 1	\$2.50 \$80.00 \$24.00 \$40.00 \$65.00 \$65.00 \$5,000.00 \$100.00 \$10,000.00 \$11,000 \$11,000 \$11,500.00 \$11,500.00 \$11,500.00 \$2,500.00 \$11,000.00 \$2,500.00 \$11,000.00 \$2,500.00 \$15,000.00 \$2,500.00 \$15,000.00 \$25,000.00 \$15,000.00 \$25,000.00	\$2,885.00 \$11,280.00 \$11,280.00 \$6,000.00 \$6,000.00 \$1,9500.00 \$5,000.00 \$5,000.00 \$33,000.00 \$308,000.00 \$5,000.00 \$5,000.00 \$5,000.00 \$100,000.00 \$5,974.50 \$3,510.00 \$71,050.00 \$71,050.00 \$71,050.00 \$1,000.00
CONC CAST- OI RECO ORNAMEN THERMOP TI TI TI R INSTALL	PAVEMENT PATCH PAVEMENT PAVEME	HING/NEW P TT GRINDING TT GRINDING TT GRINDING FURB AND G SURB AND G S SURB AND G S SURB AND G S SURB AND G S S S S S S S S S S S S S S S S S S	G G (2") UITTER, TYPE B-6 LE HEIGHT, 2' MA G WALL (3' MAX H TO CONCRETE NEW CURB RAM NTED INTO PAVE NG ETTERS AND SYN KKING - LINE 4" KKING - LINE 6" KKING - LINE 24" ROUTE 25 - IL ROUTE 25 COUTE 25 KERS DOXES LTER R LTER LTER NCH C SCHOOL ER R ROHOLE ALLOWA E NCE R R R R R R R R R R R R R R R R R R R	X) T) P MENT MBOLS	SQ YD SQ YD TON TON FOOT FOOT LSUM FOOT LSUM FOOT LSUM FOOT LSUM SQ FT FOOT LSUM SQ FT FOOT LSUM SQ FT FOOT LSUM SQ FT FOOT LSUM LSUM LSUM LSUM LSUM LSUM LSUM LSUM	8,152 1,154 141 6,300 150 300 150 300 1100 1 1 1 500 11,120 1,707 351 1 2,030 7,050 1 1 1 5 4 8 1	\$2.50 \$80.00 \$24.00 \$44.00 \$440.00 \$65.00 \$65.00 \$65.00 \$100.000 \$100.000 \$100.000 \$110.00 \$11.25 \$3.50 \$11.00 \$11.000 \$11.000.00 \$38.000.00 \$10.000 \$10.000 \$10.000 \$10.000 \$10.000 \$10.000 \$10.000 \$10.000 \$10.000 \$10.000 \$10.000 \$10.000 \$10.000 \$2.500.00 \$1,500.00 \$1,500.00 \$1,000.00 \$2.500.00 \$1,000.00 \$2.000.00	\$2,885.00 \$11,280.00 \$151,200.00 \$6,000.00 \$19,500.00 \$6,500.00 \$5,000.00 \$93,000.00 \$100,000.00 \$308,000.00 \$5,974.50 \$3,574.50 \$3,574.50 \$10,000.00 \$70,500.00 \$11,000.00 \$71,500.00 \$11,500.00
CONC CAST- OI RECO ORNAMEN THERMOP TII TT- R INSTALL RELO	PAVEMENT PATCH PAVEMENT PATCH PAVEMENT RE PAVEMENT RE NATION CONCRETE C RETE RETAINING CUI IN-PLACE CONCRETE REMAMENTAL FENCE, INSTRUCT BIKE RACK VITAL FENCE, 4'-TALL, IL 25 ROAD) PLASTIC PAVEMENT M HERMOPLASTIC PAVE HERMOPLASTIC PAVE HERMOPLASTIC PAVE STRIPING IMPROVE RAISED MEDIAN CONS MEDIAN LANDSC, RELOCATE BI RELOCATE P REMOVE PAREMOVE E INSTALL PAC PACE ELECTRICAL C SIGNAGE LANDSCAPIN CATE AURORA TRANS EMOVE EXISTING TRA NEW TRAFFIC SIGN KFIC SIGNAL MODIFIC	HING/NEW P TT GRINDING TT GRINDING TT GRINDING CURB AND G RB (VARIABIB RB (VARIABIB ARTACHED C AREA FOR POST MOU E LIGHTING MAY LIGHTI MARKING - LI EMENT MAR EMENT S - IL E E E E E E E E E E E E E E E E E E E	G G (2") UITTER, TYPE B-6 LE HEIGHT, 2' MA G WALL (3' MAX H TO CONCRETE NEW CURB RAM NTED INTO PAVE NG ETTERS AND SYN KKING - LINE 4" KKING - LINE 6" KKING - LINE 25 - IL ROUTE 25 - UL ROUTE 25 - U	X) T) P MENT MBOLS	SQ YD SQ YD TON TON TON FOOT FOOT SQ FT FOOT L SUM FOOT L SUM FOOT L SUM FOOT L SUM SQ FT FOOT L SUM SQ FT FOOT L SUM SQ FT FOOT L SUM	8,152 1,154 141 6,300 150 300 150 300 100 1 1 930 1 1 1 2,030 11,120 1,707 351 1 2,030 7,050 1 1 1 5 4 8 1 1 1 1 1 1 1 1	\$2.50 \$80.00 \$24.00 \$40.00 \$65.00 \$65.00 \$65.00 \$5,000.00 \$100.00 \$100.00.00 \$110.00 \$11.25 \$3.50 \$11.00 \$1	\$2,885.00 \$11,280.00 \$151,200.00 \$6,000.00 \$19,500.00 \$6,000.00 \$19,500.00 \$5,000.00 \$93,000.00 \$100,000.00 \$308,000.00 \$5,000.00 \$5,000.00 \$5,000.00 \$13,900.00 \$5,974.50 \$3,510.00 \$10,000.00 \$77,050.00 \$10,000.00 \$1,500.000 \$1,500.000 \$1,500.000
CONC CAST- OI RECO ORNAMEN THERMOP TII TT- R INSTALL RELO	PAVEMENT PATCH PAVEMENT PATCH PAVEMENT RIN NATION CONCRETE C RETE RETAINING CUI IN-PLACE CONCRETE RNAMENTAL FENCE, , INSTRUCT BIKE RACK VITAL FENCE, 4'-TALL, ATC SITI IL 25 ROAD PLASTIC PAVEMENT M HERMOPLASTIC PAVE HERMOPLASTIC PAVE HERMOPLASTIC PAVE STRIPING IMPROVE RAISED MEDIAN CONS MEDIAN LANDSC. RELOCATE BIR RELOCATE BIR REMOVE PAR REMOVE PAR REMOVE E INSTALL PAC PACE ELECTRICAL CO SIGNAGE LANDSCAPIL CATE AURORA TRANS EMOVE EXISTING TRA NEW TRAFFIC SIGN FEIC SIGNAL MODIFIC WEST LEG OF SPECIAL WAS TRAFFIC SIGNAL MOSIFIC SIGNAL MOSIFIC SPECIAL WAS TRAFFIC SIGNAL MOSIFIC SPECIAL WAS TRAFFIC SIGNAL MOSIFIC SPECIAL WAS TRAFFIC CONTRC	HING/NEW P TT GRINDING TT GRINDING TT GRINDING THE GRI	G G (2") UITTER, TYPE B-6 LE HEIGHT, 2' MA S WALL (3' MAX H TO CONCRETE NEW CURB RAM NTED INTO PAVE NG ETTERS AND SYN KKING - LINE 4" KNIG - LINE 24" ROUTE 25 - IL ROUTE	X) T) P MENT MBOLS	SQ YD SQ YD SQ YD TON FOOT FOOT SQ FT FOOT L SUM FOOT L SUM FOOT L SUM FOOT FOOT L SUM SQ FT FOOT FOOT L SUM L SUM SQ FT FOOT L SUM L SUM FOOT FOOT L SUM	8,152 1,154 141 6,300 150 300 100 1 1 930 1 1 50 301 1 1 1 50 300 11,707 351 1 2,030 7,050 1 1 1 1 1 1 1 1 1 1 1 1 1 1	\$2.50 \$80.00 \$24.00 \$40.00 \$65.00 \$65.00 \$5,000.00 \$100.00 \$100.00 \$10,000 \$110,000	\$2,885.00 \$11,280.00 \$11,280.00 \$6,000.00 \$6,000.00 \$19,500.00 \$6,500.00 \$5,000.00 \$33,000.00 \$100,000.00 \$13,900.00 \$5,000.00 \$13,900.00 \$5,000.00 \$13,900.00 \$5,000.00 \$13,900.00 \$10,000.00 \$1,000.00 \$71,500.00 \$71,500.00 \$71,500.00 \$71,500.00 \$2,500.00 \$2,500.00
CONC CAST- OI RECO ORNAMEN THERMOP TII TT- R INSTALL RELO	PAVEMENT PATCH PAVEMENT PAVEMENT PAVEMENT PAVEMENT PAVEMENT RING NATION CONCRETE C RETE RETAINING CUI IN-PLACE CONCRETE RNAMENTAL FENCE, NSTRUCT BIKE RACK YTAL FENCE, ATC SITI IL 25 ROAD PLASTIC PAVEMENT M HERMOPLASTIC PAVE HERMOPLASTIC PAVE HERMOPLASTIC PAVE HERMOPLASTIC PAVE REMOPLASTIC PAVE REMOPLASTIC PAVE REMOPLASTIC PAVE REMOPLASTIC PAVE REMOPLASTIC PAVE REMOPLASTIC PAVE REMOVE PAF NEMOVE SIGNAGE LANDSCAPIN CATE AURORA TRANS EMOVE SIGNAGE NEMOVE SIGNAL MODIFIC MEST LEG OF WEST LEG OF WEST LEG OF SIGNAL MODIFIC MEST LEG OF MEST LE	HING/NEW P TT GRINDING TT GRINDING TT GRINDING FR (VARIABIB RB (VARIABIB RB (VARIABIB RB (VARIABIB ATTACHED	G G (2") UITTER, TYPE B-6 LE HEIGHT, 2' MA G WALL (3' MAX H TO CONCRETE NEW CURB RAM NTED INTO PAVE NG ETTERS AND SYN KKING - LINE 4" KKING - LINE 6" KKING - LINE 24" ROUTE 25 - IL RO	X) T) P MENT MBOLS	SQ YD SQ YD TON FOOT FOOT FOOT L SUM FOOT L SUM L SUM L SUM L SUM L SUM FOOT FOOT FOOT FOOT FOOT FOOT FOOT FOO	8,152 1,154 141 6,300 150 300 100 1 1 930 1 1 500 11,120 1,707 351 1 2,030 7,050 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	\$2.50 \$80.00 \$24.00 \$44.00 \$440.00 \$65.00 \$65.00 \$65.00 \$5,000.00 \$100.00 \$100.00 \$110.00 \$11.25 \$3.50 \$11.00 \$11.26 \$3.50 \$11.00 \$10.00 \$20.00 \$10.00 \$10.00 \$20.00 \$10.00 \$20.00	\$2,885.00 \$11,280.00 \$111,280.00 \$151,200.00 \$6,000.00 \$19,500.00 \$6,500.00 \$5,000.00 \$393,000.00 \$100,000.00 \$308,000.00 \$5,000.00 \$13,900.00 \$13,900.00 \$10,000.00 \$1,500.00 \$10,000.00 \$1,500.00 \$10,000.00 \$1,500.00 \$10,000.00 \$1,500.00 \$2,500.00
CONC CAST- OI RECO ORNAMEN THERMOP TII TT- R INSTALL RELO	PAVEMENT PATCH PAVEMENT PAVEMENT PAVEMENT RI NATION CONCRETE C RETE RETAINING CUI - IN-PLACE CONCRETE RNAMENTAL FENCE, , INSTRUCT BIKE RACK VITAL FENCE, 4'-TALL, ATC SITI IL 25 ROADI - PLASTIC PAVEMENT M HERMOPLASTIC PAVE - HERMOPLASTIC PAVE - HERMOPLASTIC PAVE - STRIPING IMPROVE - RAISED MEDIAN CONS - MEDIAN LANDSC, RELOCATE BIR RELOCATE BIR RELOCATE BIR REMOVE PAR REMOVE ENISTILL PACE - PACE ELECTRICAL C SIGNAGE - LANDSCAPIL - NEW TRAFFIC SIGN - JEMOVE EXISTING TRA - NEW TRAFFIC SIGN - JEMOVE SIGNAL MODIFIC - MOBIL - CONSTRUCT - MOBIL - CONSTRUCT - RECORD	HING/NEW P TT GRINDING TT GRINDING SEURFACINI CURB AND G RB (VARIABIB E RETAINING A AREA FOR A THACHED A AREA FOR A THACHED A AREA FOR A THACHED A REA FOR A THACHED E LIGHTING E MENT MAR EMENT	G G (2") UITTER, TYPE B-6 LE HEIGHT, 2' MA G WALL (3' MAX H TO CONCRETE NEW CURB RAM NTED INTO PAVE NG ETTERS AND SYN KING - LINE 4" KING - LINE 4" KING - LINE 24" - ROUTE 25 COUTE 25	X) T) P MENT MBOLS	SQ YD SQ YD SQ YD TON FOOT FOOT FOOT LSUM FOOT LSUM FOOT LSUM FOOT LSUM SQ FT FOOT FOOT FOOT LSUM SQ FT FOOT FOOT LSUM LSUM SQ FT LSUM LSUM FOOT LSUM FOOT LSUM FOOT LSUM FOOT LSUM LSUM LSUM LSUM LSUM LSUM LSUM LSUM	8,152 1,154 141 6,300 150 300 100 1 1 930 1 1 50 311 1 2,030 7,050 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	\$2.50 \$80.00 \$24.00 \$40.00 \$65.00 \$65.00 \$5,000.00 \$100.00 \$100.00 \$110.00 \$110.00 \$110.00 \$110.00 \$110.00 \$110.00 \$110.00 \$110.00 \$110.00 \$110.00 \$110.00 \$110.00 \$110.00 \$110.00 \$110.00 \$110.00 \$110.00 \$110.00 \$150.00 \$2.500.00 \$150.00.00 \$2.500.00 \$150.00.00 \$50.000.00 \$250.000.00 \$250.000.00 \$250.000.00 \$250.000.00 \$250.000.00 \$250.000.00 \$250.000.00 \$250.000.00 \$250.000.00 \$250.000.00 \$250.000.00 \$250.000.00 \$250.000.00 \$250.000.00 \$250.000.00 \$250.000.00 \$50.000.00 \$50.000.00 \$50.000.00 \$50.000.00	\$2,885.00 \$11,280.00 \$11,280.00 \$151,200.00 \$6,000.00 \$19,500.00 \$6,500.00 \$5,000.00 \$30,000.00 \$100,000.00 \$31,000.00 \$5,000.00 \$110,000.00
CONC CAST- OI RECO ORNAMEN THERMOP TII TT- R INSTALL RELO	PAVEMENT PATCH PAVEMENT PATCH PAVEMENT RINATION CONCRETE C RETE RETAINING CUI IN-PLACE CONCRETE RNAMENTAL FENCE, INSTRUCT BIKE RACK NTAL FENCE, 4'-TALL, ATC SITI IL 25 ROAD PLASTIC PAVEMENT M HERMOPLASTIC PAVE HERMOPLASTIC PAVE HERMOPLASTIC PAVE STRIPING IMPROVE RAISED MEDIAN CONS MEDIAN LANDSC, RELOCATE BI RELOCATE BI RELOCATE BI RELOCATE PAREMOVE SIGNAGE LANDSCAPING CATE AURORA TRANS EMOVE SIGNAL MODIFIC WEST SIGNAL MODIFIC WEST SIGNAL MODIFIC WEST SIGNAL MODIFIC MOBILI CONSTRUCT RECORD HMA BINDER COULTING H	HING/NEW P TT GRINDING TT GRINDING SEGURFACIN CURB AND G RB (VARIABIB E RETAINING ATTACHED K AREA FOR POST MOU E LIGHTING GWAY LIGHTI MARKING - LI EMENT MARE EMENT ALL STRUCTION CTOM CTOM	G G (2") UITTER, TYPE B-6 LE HEIGHT, 2' MA G WALL (3' MAX H TO CONCRETE NEW CURB RAM NTED INTO PAVE NG ETTERS AND SYN KKING - LINE 4" KKING - LINE 6" KKING - LINE 25 - IL ROUTE 25 - IL ROUTE 25 - UNDER COUNTE	X) T) P MENT MBOLS	\$Q YD \$Q YD \$Q YD TON FOOT FOOT FOOT L SUM FOOT L SUM L SUM L SUM L SUM L SUM FOOT FOOT FOOT FOOT FOOT FOOT FOOT FOO	8,152 1,154 141 6,300 150 300 100 1 1 930 11 1 500 11,120 1,707 351 1 2,030 7,050 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	\$2.50 \$80.00 \$24.00 \$40.00 \$65.00 \$65.00 \$65.00 \$5,000.00 \$100.00.00 \$100.00.00 \$1.25 \$3.50 \$11.00 \$	\$2,885.00 \$11,280.00 \$111,280.00 \$6,000.00 \$6,000.00 \$19,500.00 \$6,500.00 \$5,000.00 \$308,000.00 \$100,000.00 \$308,000.00 \$5,000.00 \$5,000.00 \$13,900.00 \$5,974.50 \$3,510.00 \$10,000.00 \$71,050.00 \$71,050.00 \$10,000.00 \$1,500.00
CONC CAST- OI RECO ORNAMEN THERMOP TI II TI TH R INSTALL RELO RI TRA	PAVEMENT PATCH PAVEMENT PATCH PAVEMENT RINATION CONCRETE C RETE RETAINING CUI	HING/NEW P TT GRINDING TT GRINDING TT GRINDING P TT GRINDING THE STATIST THE	G G (2") UTTER, TYPE B-6 LE HEIGHT, 2" MA G WALL (3" MAX H TO CONCRETE NEW CURB RAM NTED INTO PAVE NG ETTERS AND SYN. KKING - LINE 4" KKING - LINE 6" KKING - LINE 24" ROUTE 25 COUTE 2	X) T) P MENT MBOLS	SQ YD SQ YD SQ YD TON FOOT FOOT FOOT SQ FT FOOT L SUM FOOT L SUM FOOT FOOT L SUM SQ FT FOOT FOOT L SUM SQ FT FOOT FOOT L SUM L S	8,152 1,154 141 6,300 150 300 100 1 1 930 1 1 50 310 1 1 50 300 11,707 351 1 2,030 7,050 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	\$2.50 \$80.00 \$24.00 \$40.00 \$65.00 \$65.00 \$5,000.00 \$100.00 \$100.00 \$10.00 \$110	\$2,885.00 \$11,280.00 \$11,280.00 \$151,200.00 \$6,000.00 \$19,500.00 \$5,000.00 \$5,000.00 \$33,000.00 \$100,000.00 \$33,800.00 \$13,900.00 \$13,900.00 \$1,900.00 \$1,900.00 \$71,500.00 \$71,500.00 \$71,500.00 \$71,500.00 \$15,000.00 \$15,000.00 \$15,000.00 \$15,000.00 \$15,000.00 \$15,000.00 \$15,000.00 \$15,000.00 \$15,000.00 \$15,000.00 \$15,000.00 \$15,000.00 \$15,000.00 \$15,000.00 \$15,000.00 \$15,000.00 \$15,000.00 \$27,000.00 \$28,000.00 \$30,000.00 \$30,000.00 \$30,000.00 \$30,000.00 \$30,000.00 \$31,000.00 \$31,000.00 \$31,000.00 \$31,000.00 \$31,000.00 \$31,000.00 \$31,000.00 \$31,000.00 \$31,000.00 \$31,000.00 \$31,000.00 \$31,000.00 \$31,000.00 \$31,000.00 \$31,000.00 \$31,000.00 \$31,000.00 \$31,000.00
CONC CAST- OI RECO ORNAMEN THERMOP TI IT TI R INSTALL RELO RI	PAVEMENT PATCH PAVEMENT PATCH PAVEMENT RINATION CONCRETE CRETE RETAINING CUI IN-PLACE CONCRETE RNAMENTAL FENCE, INSTRUCT BIKE RACK WTAL FENCE, 4'-TALL, ATC STIT IL 25 ROAD PLASTIC PAVEMENT M HERMOPLASTIC PAVE HERMOPLASTIC PAVE STRIPING IMPROVE RAISED MEDIAN CONS MEDIAN LANDSC. RELOCATE BI RELOCATE BI RELOCATE BI RELOCATE SI REMOVE PAF NEW TRAFFIC SIGN AGRE MOSIL MASS TRAFFIC CONTRC MOSIL HMA BINDER COL HMA BINDER COL BITUMINOUS MAI Aggregate Base Combination P.C.C. C. C. C. C. Storm Sei	HING/NEW P TT GRINDING TT GRINDING TT GRINDING FE (VARIABIE E RETAINING ATTACHED ARBA FOR POST MOU E LIGHTING GWAY LIGHTI MARKING - LI EMENT MARE EMENT SIL CYCLE LOC ATMENT B GRINDING CATONIO ALLOWAND ALLOWAND SIT CENTER AFFIC SIGNU ALLOWAND LAND PRO LIZATION CITION LAYO D DRAWINGS URSE, IL 19.0, URSE, IL 19.0, URSE, IL 19.0, URSE, IL 19.0 URS	G G (2") UITTER, TYPE B-6 LE HEIGHT, 2' MA G WALL (3' MAX H TO CONCRETE NEW CURB RAM NTED INTO PAVE NG ETTERS AND SYN KKING - LINE 4" KKING - LINE 4" ROUTE 25 - IL ROUTE 25 - IL ROUTE 25 - US WERS ETTER ENDE AND SYN KKING - LINE 6" KNG - LINE 24" ROUTE 25 - IL ROUTE	X) T) P MENT MBOLS	SQ YD SQ YD SQ YD TON FOOT FOOT FOOT L SUM FOOT L SUM L SUM L SUM L SUM L SUM FOOT FOOT FOOT FOOT FOOT FOOT FOOT FOO	8,152 1,154 141 6,300 141 6,300 150 300 100 1 1 930 11 500 11,120 1,707 351 1 2,030 7,050 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	\$2.50 \$80.00 \$24.00 \$40.00 \$65.00 \$65.00 \$65.00 \$5,000.00 \$100.00.00 \$100.00.00 \$110.00 \$11.25 \$3.50 \$11.00 \$11.00 \$11.00 \$11.00 \$11.00 \$11.00 \$10.00 \$10.00 \$10.00 \$10.00 \$10.00 \$10.00 \$11.00 \$10.00 \$10.00 \$15.00 \$10.00 \$15.00.00 \$15.00.00 \$2.500.00 \$1,000.00 \$2.500.00 \$15.000.00 \$50.000.00	\$2,885.00 \$11,280.00 \$11,280.00 \$151,200.00 \$6,000.00 \$19,500.00 \$6,000.00 \$19,500.00 \$5,000.00 \$30,000.00 \$308,000.00 \$5,000.00 \$5,000.00 \$5,000.00 \$13,900.00 \$5,974.50 \$3,510.00 \$10,000.00 \$71,050.00 \$71,050.00 \$71,050.00 \$10,000.00 \$1,500.00
CONC CAST- OI RECO ORNAMEN THERMOP TI II TI TH R INSTALL RELO RI TRA	PAVEMENT PATCH PAVEMENT PATCH PAVEMENT RINATION CONCRETE C RETE RETAINING CUI	HING/NEW P TT GRINDING ESURFACIN CURB AND G RB (VARIABIB ER ERTAINING ATTACHED K AREA FOR POST MOU E LIGHTING WAY LIGHTI AARKING - LI EMENT MAR EMENT MA	G G (2") UTTER, TYPE B-6 LE HEIGHT, 2' MA G WALL (3' MAX H TO CONCRETE NEW CURB RAM NTED INTO PAVE NG ETTERS AND SYN KKING - LINE 6" KKING - LINE 6" KKING - LINE 24" - ROUTE 25 - COUTE 25	X) T) P MENT MBOLS	SQ YD SQ YD TON FOOT FOOT FOOT L SUM L SUM SQ FT FOOT L SUM L SUM SQ FT FOOT L SUM	8,152 1,154 141 6,300 150 300 150 300 100 1 1 930 1 1 1 500 11,120 1,707 351 1 1 2,030 7,050 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	\$2.50 \$80.00 \$24.00 \$40.00 \$65.00 \$65.00 \$5,000.00 \$100.00 \$100.00 \$1100.00 \$1100.00 \$11.25 \$3.50 \$10.00 \$110.	\$2,885.00 \$11,280.00 \$11,280.00 \$6,000.00 \$6,000.00 \$19,500.00 \$6,500.00 \$5,000.00 \$33,000.00 \$100,000.00 \$33,800.00 \$5,000.00 \$13,900.00 \$5,000.00 \$13,900.00 \$5,974.50 \$3,510.00 \$110,000.00 \$71,050.00 \$71,050.00 \$71,050.00 \$11,000.00 \$1,500.00 \$15,000.00 \$22,000.00 \$15,000.00 \$24,000.00 \$25,000.00 \$25,000.00 \$25,000.00 \$25,000.00 \$25,000.00 \$25,000.00 \$25,000.00 \$25,000.00 \$25,000.00 \$25,000.00 \$25,000.00 \$25,000.00 \$25,000.00 \$25,000.00 \$25,000.00 \$25,000.00 \$25,000.00 \$25,000.00 \$25,000.00

Project Location Maps Aurora, IL



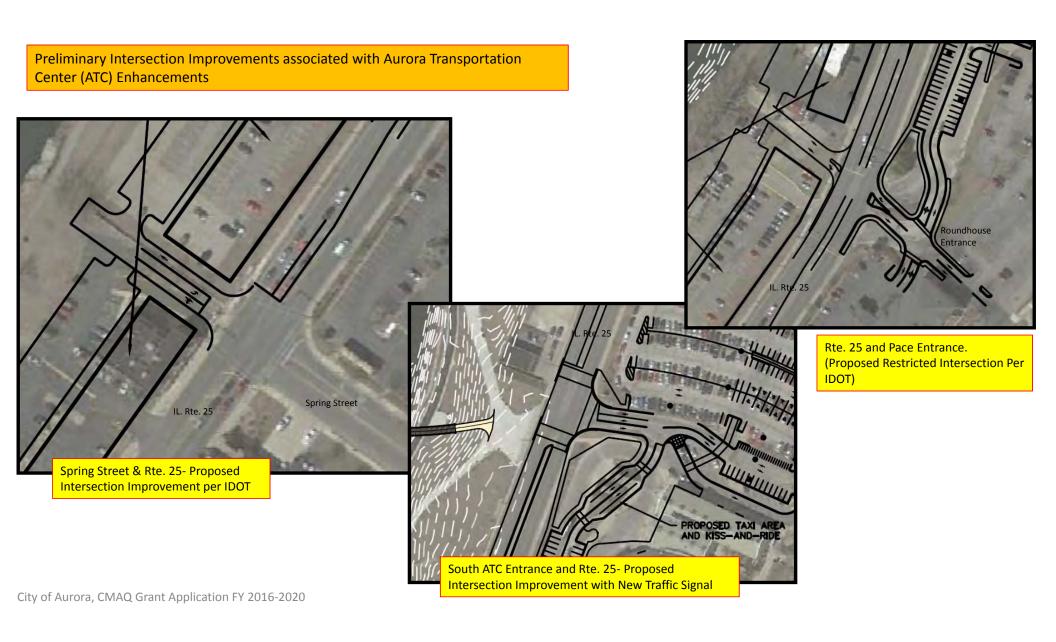
City of Aurora, CMAQ Grant Application FY 2016-2020





Proposed Preliminary Plan-Aurora Transportation Center (ATC) Enhancements





 E
 DSGN.
 TITLE:
 RIVEREDGE PARK

 CHKD.
 CHKD.
 CHKD.
 PEDESTRIAN BRIDGE

 SCALE:
 SCALE:
 SCALE:
 SCALE:

 NO. DATE
 NATURE OF REVISION
 EX130125-BRIDGEIMAGES.DWG

CITY OF AURORA EAST DOWNER PLACE AURORA, IL 60505







PROJECT NO. 13-0125

DATE: 02/12/15

DRAWING NO. EX1
SHEET:

TY:LININTERNATIONAL 7

1 OF 2

Ridership Data-Aurora Station

transportation, which too many people avoid due to concerns "the region has ambitious goals to increase the use of public about delay or infrequent service" CMAP".

Rail Ridership Summary for October 2014 Metra

Summary Metra rail ridership data is available for January 2002 through Oc

Note: Metra monthly ridership figures are based on ticket sales. Ridership on the S conductor counts taken as trains enter or depart downtown. Click on the "Weekday



Aurora Station Weekday Ridership

2,000

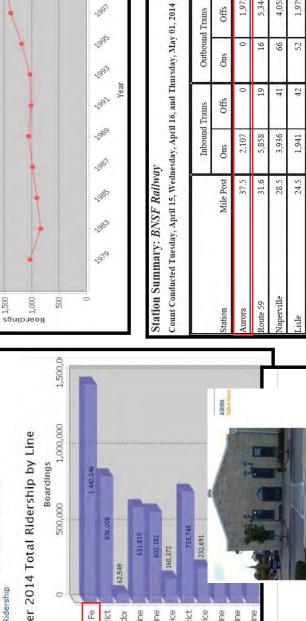
Ridership Tables

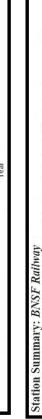
Sales Tax 8. Political CTPP Data
Financial Reports Jurisdictions Demograp!

Netra Aurora Station Weekday Ridership Trend

lote: this chart displays boardings from Metra Boardings and Alightings counts.







2006

2002

1999

1997

1995

2993

100,1

2989

1987

1985

1983

2979

200

		Inbound Trains	Trains	Outbound Trains	Trains	All Trains	ains
Station	Mile Post	Ons	Offs	Ons	Offs	Ons	Offs
Aurora	37.5	2,107	0	0	1,972	2,107	1,972
Route 59	31.6	5,858	19	16	5,344	5,874	5,363
Naperville	28.5	3,936	41	99	4,058	4,002	4,099
Lisle	24.5	1,941	42	52	1,979	1,993	2,021
Belmont	22.6	1,312	13	13	1,335	1,325	1,348
Downers Grove, Main St.	21.2	2,380	70	93	2,608	2,473	2,678

City of Aurora, CMAQ Grant Application FY 2016-2020

Mode of Access: 2% Walked, 68% Drive Alone, 17% Dropped Off, 6% Carpool, Parking and Access 5% Bus, 1% Other (2006 Survey)

Parking Capacity: 1,633 spaces (2014 count)

Parking Utilization: 93%

Weekday Boardings: 2,180 (2006 count)

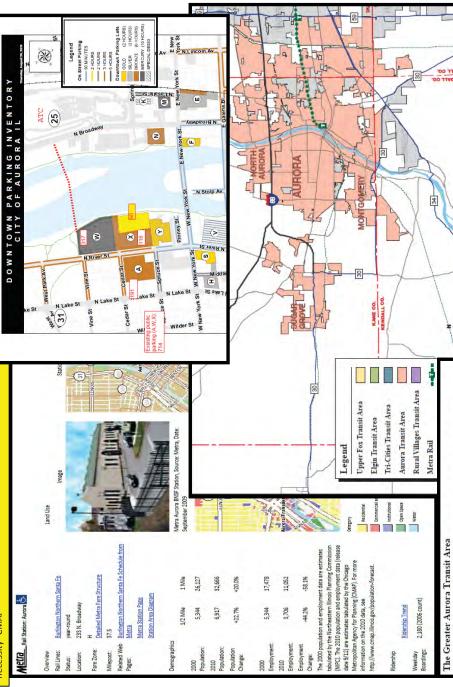
Ridership Trend

Ridership

Aurora Station-Parking Capacity

"Access- By providing residents with access to safe, reliable, and economical public transportation, more people will be able to use transit, walk, or bike- so driving becomes a choice rather than a necessity" CMAP

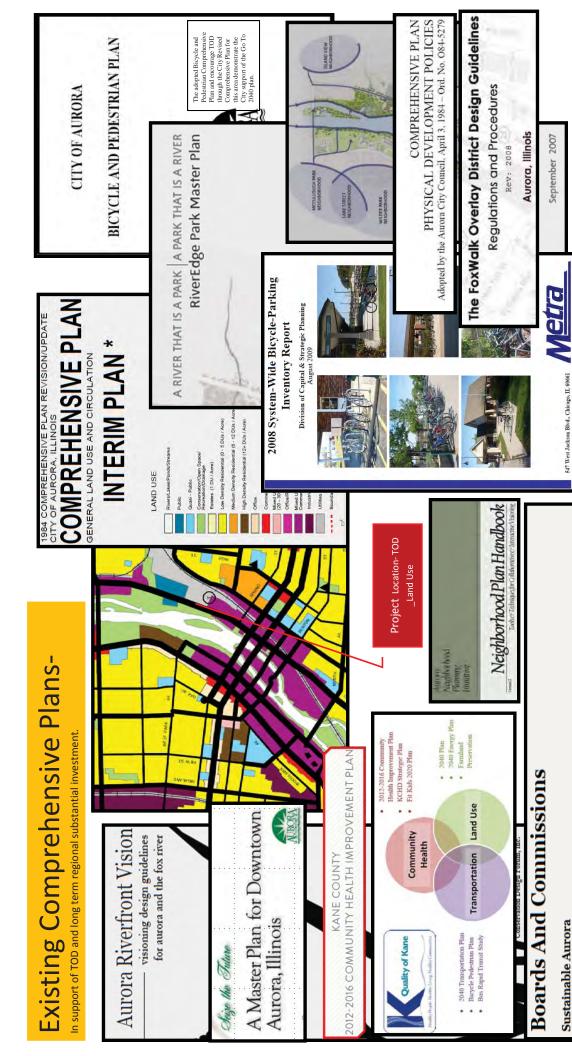
Existing Parking Spaces/Locations



COLLEGE AVE CLAIM ST 2014 Public: 1326
Total (Metra Count 2014-1633 spaces 93% utilization E102 2012 2011 2008 Aurora (BNSF) Parking 2007 2004 Year 2001 1999 1997 1994 Metra_ Aurora (BNSF) 1991 xisting Parking Space 1987 RIVER

City of Aurora, CMAQ Grant Application FY 2016-2020

The Greater Aurora Transit Area includes the City of Aurora, the Village of North Aurora, the Village of Montgomery, the Village of Sugar Grove, and unincoprotated areas of Kane County. This area has experienced 31 percent population growth from 1990 to 2000 and enployment is expected to increase in this area paproximately 80 percent between 1990 and 2020 according to projections by the Northeastern Illinois Planning Commission (NIPC). The Greater Aurora Transit Area is expected to have over 100,000 jobs by the year 2020.



City of Aurora, CMAQ Grant Application FY 2016-2020

"Sustainable Aurora" (Mayor's Sustainable Aurora Advisory Board) is an advisory body to the City Council



ISLAND VIEW
NEIGHBORHOOD

MCCULLOUGH PARK Project Location Land Use Zoning

FOX RIVER

(25 3TUOR JO YAWDAORB



* Source Note: Land use projections derived from "Seizing the Future: A Master Plan for Downtov Aurora, Illinois, Auromn 2005"

MERCADO

New Green Space Existing Green Space

New Civic Facility

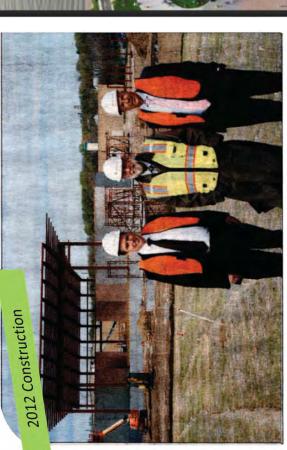
Significant New Development New Residential Development Redevelop Existing Structures Preserve Existing Residential

FUTURE DEVELOPMENT

ROUNDHOUSE

MCOLNAN

BLUES



2014-Aerial

BATLY HERALD/Photo courtery of City of Aurora Public Information Office Stewart Beach, ield, and Dunham Fund board Chalrman Stewart Beach, left, and Dunham Fund board member Michael Morcos, right, will be a gathering place for the community and an economic engine when it's completed, Weisner said Thursday during his State of the City address.

Beacon-News



AND PARK COMING ALONG STAGE IS ALMOST SET

Aurora embraces Fox River in its revitalization efforts



Leff Nobilit, president of Aurora Downtown and spokesman for Waubonsee Community College, says the college's new \$50 million campus and Rivertdge Park top is a list of projects reshaping land use along the Fox River through the city's commercial is a list of projects reshaping land use along the Fox River through the city's commercial in

coming into shape RiverEdge

CONNEWSONLINE.COM | TUESDAY, APRIL 10, 2012

downtown Aurora's new Workers progressing at riverbank showplace

Site layout for Aurora's RiverEdge Park, scheduled to open in 2013.

COMPLETE STATIONS REPORT for

downtown by the Fox River. Sidewalks connect to alight the train each weekday morning. More than he station from all sides, there are major regional of downtown Aurora, but is separated from the tation. Approximately 2,000 people board or the Fox River, and 8 Pace bus routes serve the bike trails on both the east and west sides of he BNSF Metra line from Aurora to Chicago. half the train riders live outside the city limits. he station is located within a 10 minute walk The Aurora Metra station is the final stop on

(ey issues and opportunities for the station:

to direct route across the Fox River for people on bikes

Numbers of Vehicles Per Household in Kane County

roadway lacks accommodations for people on bikes

All traffic signals on Broadway near the station should accommodate pedestrians on all sides.

50% 445% 335% 10% 10% 10%

A new trail entrance has been constructed across from the parking lot entrance. A crosswalk and/or traffic signal should be installed there.

The Greater Aurora Transit Area

expected to increase in this area by approximately 80 percent between 1990 and 2020 according to projections by the Northeastern Illinois Planning Commission (NIPC). The Greater Aurora Transit Area is expected to have over 100,000 jobs by the year 2020. The Greater Aurora Transit Area includes the City of Aurora, the Village of North Aurora, the Village of Montgomery, the Village of Sugar Grove, and unincorporated areas of Kane County. This area has experienced 31 percent population growth from 1990 to 2000 and employment is

All new Fox River Bridge crossings should be accessible to people walking, biking and Transit connections to the proposed EJ&E passenger line should using transit. established.

Exhibit 17 contains a breakdown of the percentage of trips taken in Kane County by the mode routed. The automotible, both as a driver and passenger, dominates as a travel method in Kane County representationable. John Section Walking has a share of 3.3 percent. This is higher than publicativities accounts for L1 percent.

has about 2,000 riders, but only 31 arrive on

The City is very proactive about improving the station area and is const develop bike and pedestrian compatible land uses in the station area.

Exhibit 17 - Kane County Percentage of Travel

The station house has long hours, restrooms, concessions and ample se teased retail spaces that, if filled, would make the station a more invitin

■ Walk Only 3.3%

 ■ Auto Driver 81.0%

 □ Auto Passenger 12.4%

 □ School Bus 1.2%

 ■ Publec Transi 1.1%

Taxi 0.1%

There are many transit supportive land uses a few blocks away from the st parking lots and narrow sidewalk on Broadway are not very inviting for per

Most intersections near the station have at least some accommodations for is needed to accommodate people arriving at the station from the new Praine rean accoss

run underpass at Claim St. and an underpass at

Almost all streets within a 10-15 minute walk have sidewalks and at least some pedestrian accommodations at the intersections. Sidewalk on Braadway could be widened or improved with a buffer from traffic.

neighborhood east of the station has many bike friendly streets, but accessing the station from the west on bile ca lenging. Consider adding a bike lare ped bridge across the Fox River would

Bike parking at the station is limited, and there is no covered parking. Bikes were locked to fences, railings and trees, illustrating the need for more bike parking.

Bicycle parking at the Station

Bike Access

Transit Connections

DRAFT January 2013

served by Pace buses, but there is limited

TRANSIT OPPORTUNITY ASSESSMENT STUDY KANE COUNTY

Kendall Counties Kane & Northern

Bicycle Map

Rideshare Incentive Program Transit-Oriented Developm Paratransit Services uter Rail Corridor Planning Park-n-Ride

Kane County Highway Map

B

Express Bus Service HOV Traffic Lanes

SHARE THE ROAD

Station House and Platform Amenities Frain Ridership and Mode Review of Local Plans Station Area Context Pedestrian Access **Track Crossings** Number of Vehicles

INTERGOVERNMENTAL AGREEMENT FOR BRIDGE CONTRIBUTION

THIS INTERGOVERNMENTAL AGREEMENT (the "Agreement") is made and entered into as of the 9 th day of February, 2010, by and between the FOREST PRESERVE DISTRICT OF KANE COUNTY, an Illinois municipal corporation (hereinafter referred to as "FPDKC") and the CITY OF AURORA, an Illinois municipality (hereinafter referred to as the 'CITY").

ACTIVE TRANSPORTATION ALLIANCE

Fox Valley Park District- Master Plan and Intergovernmental Cooperation



project is another example of intergovernmental cooperation the entrance to Hurd's Island. A bridge over the west channel with the City of Aurora and is targeted to begin this fall with Gilman Trail and South River Street Park to North Avenue at of the river connecting to Hurd's Island also is planned. This shoreline of the Fox River will run northward from the Virgil Fox River Trail Gap - New trail construction on the west completion in 2011.

◆ TO FOX RIVER TO network of local trails (right) and preserving open space (below) are top priorities. Expanding and connecting the

ocation

Hotel Street

NAME OF THE PERSON

Existing

Ann accepted in the second in

trail ga

Ave.

Aurora

Hollywood Casino

Blvd.

Aurora

Phillips Park and Splash Country Aquatic Centers, operated by the FVPD and jointly funded by the Park District and the **Fox River Trail**

New York

ntergovernmental Cooperation

park districts are all important stakeholders. However, if the various parties can co situations for themselves and the public. There is reason for optimism because suc The multitude of public agencies and private landowners with an interest in the constraint to progress and improvement. School districts, municipalities, sanita abound. They include:

- Eola Road Community Center, a highly-successful FVPD recreation center that
- Oakhurst Forest Preserve, where the Kane County Forest Preserve District, City facility that provides storm water control as well as active and passive recreatic
- RiverEdge Park, a City of Aurora owned and managed regional river side park and performance venue, developed wi

City of Aurora; and

on of Fox Valley Park District through the provision of river front property and funding assistance

Existing Condition



To maintain a well, safe and pedestrian friendly transit center and promote the use of transit, the City has invested in licensed plat readers (increase efficient), new pay stations (pay via smart phone) and installed electrical charging stations. These technologies are available at the Aurora Station, which will help retain/attract new riders. The proposed improvements are our commitment to transit use and how it can impact the surrounding communities.



The region must increase its commitment to making public transit the preferred option for by of Aurora, CMAQ Grangwigwarenin4FY 2016-2020

River Edge Park (Music Garden)

Trip Reduction/Elimination benefits

The TOD surrounding this regional transit area and the proposed improvement will greatly reduce the volume of traffic on public roadway which, a critical components in improving air quality and reducing congestion.

Project Area

or filter rack.

County v gazde see
Standard or
Standar

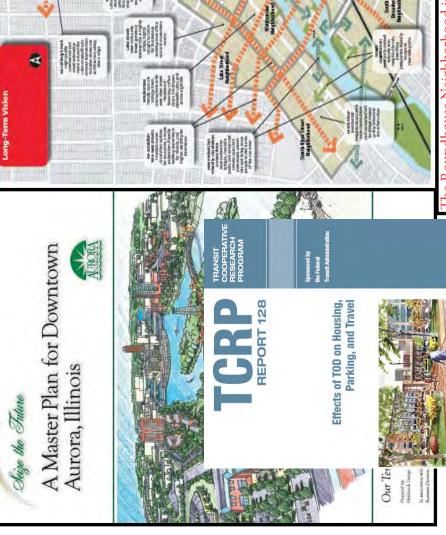
Recently constructed TOD (River Street Plaza) has 95 units on 2.8 ac. Future similar TOD immediately south of the ATC(4.2) can accommodate 190 unit or more.

The City promote TOD and Livable communities in this corridor through the City's Comp Plan that allow for multi-use developments and encourage the multi-modal access through the passages of various Comp Plan and construction of River Edge Park(Music Garden)

TOD trip calculation shown a reduction in the number of auto trips. Based on recently constructed TOD dwelling units and future development, we can estimate that approximately 702-auto trips can eliminate.

Conclusion and Recommendations

This research helps confirm what had been intuitively obvious: TOD housing produced considerably less traffic than is generated by conventional development. Yet most TODs



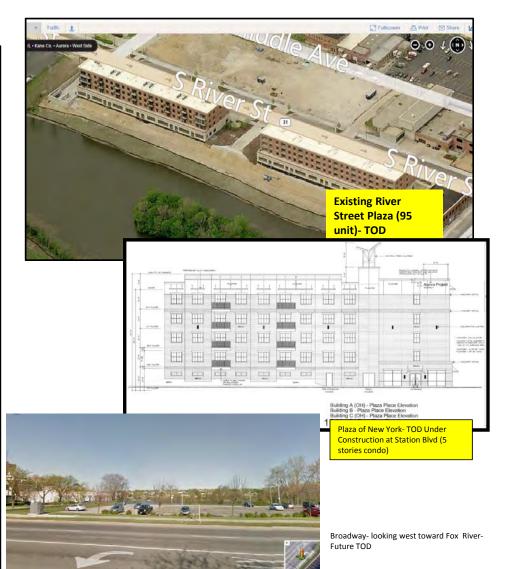
Wider Part tolgitisations Stop that

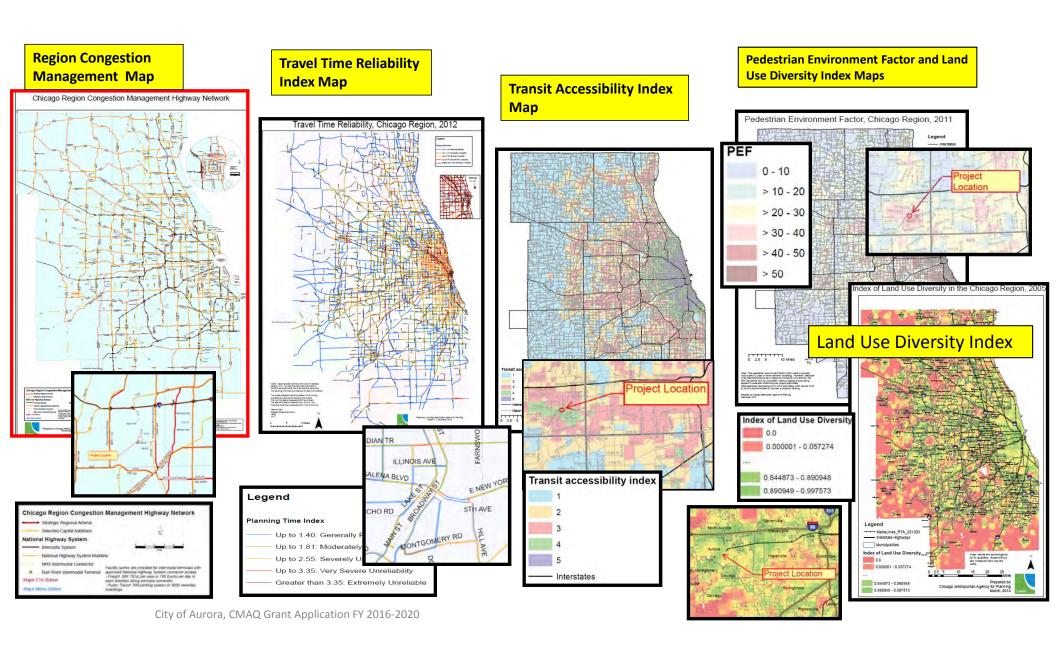
The Roundhouse Neighborhood includes transitoriented, mixed use retail/residential development
adjacent to an enhanced commuter facility and the
new Riverview Park, home to a variety of entertainment
events.

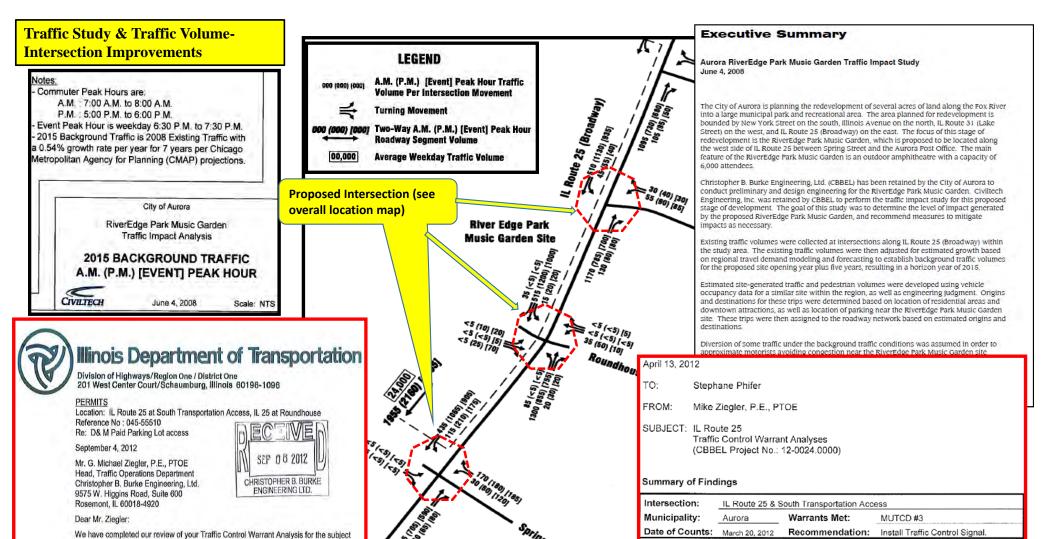
TRANSPORTATION RESEARCH BOARD
OF THE NATIONAL ACADEMIES

Trip Reduction/Elimination Benefits Calculation

Transit Oriented Development		T .		
		Standard (ITE Manual (Trip Generation)	Transit Oriented Development (TCRP Report 128) Effects of TOD on Housing, Parking and Travel.	Approx. Number of
+		6.67 trips per	an transing, ranking and travel	mp neadec
TOD Development	Dwelling Unit	dwelling unit	3.55 trip per dwelling unit	
River Street Plaza (0.5 mile from ATC)	a training office			
constructed 2006	95	634	337	296
Fox River East TOD (lot size 4.2 ac)*		10 0.0 11		
approximate DU based on similar design	176	1177	626	550
		1810	963	847
	december 1			
Transit Oriented Dev	lot size	DU	8	
Project Name River Street Plaza-2006	2.8	95		
River Street Plaza-2006	2.8	95		
Future TOD (Fox River East)	4.2ac	176.4	Notes: Assume similar design as Plaza of Net (1st floor parking), Dwelling unit, 42unit/ac)	w York 5 stories condo bldg.
Existing Parking Ca	apacity			
		7		
Metra Parking Count 2014	1633	Notes: includes public, privat	te and on street parking	
Metra Parking Count 2014 New Parking at ATC	1633 74	Notes: includes public, privat		
New Parking at ATC	74			
New Parking at ATC Proposed Parking-West Parking Lots	74 715 2422	Pace staging area (gain of pa Notes:307 of space are	arking spaces) Auto Trips Eliminated Per Day (Roun	
New Parking at ATC Proposed Parking-West Parking Lots Total Available Parking Spaces Auto Trip Diver # of auto eliminate w/ west parking	74 715 2422 téd	Pace staging area (gain of pa Notes:307 of space are	Auto Trips Eliminated Per Day (Roun Parking Space 715	West Parking Lot
New Parking at ATC Proposed Parking- West Parking Lots Total Available Parking Spaces Auto Trip Diver # of auto eliminate w/ west parking (total # of new parking space)	74 715 2422 téd	Pace staging area (gain of pa Notes:307 of space are	Auto Trips Eliminated Per Day (Roun Parking Space 715	West Parking Lot New ATC Parking Space
New Parking at ATC Proposed Parking- West Parking Lots Total Available Parking Spaces Auto Trip Diver # of auto eliminate w/ west parking (total # of new parking space) TOD(total # of auto reduce)	74 715 2422 téd 789 847	Pace staging area (gain of pa Notes:307 of space are	Auto Trips Eliminated Per Day (Roun Parking Space 715 74 847	West Parking Lot New ATC Parking Space TOD
New Parking at ATC Proposed Parking- West Parking Lots Total Available Parking Spaces Auto Trip Diver # of auto eliminate w/ west parking (total # of new parking space)	74 715 2422 téd	Pace staging area (gain of pa Notes:307 of space are	Auto Trips Eliminated Per Day (Roun Parking Space 715	West Parking Lot New ATC Parking Spar TOD One Way
New Parking at ATC Proposed Parking- West Parking Lots Total Available Parking Spaces Auto Trip Diver # of auto eliminate w/ west parking (total # of new parking space) TOD(total # of auto reduce)	74 715 2422 téd 789 847	Pace staging area (gain of pa Notes:307 of space are	Auto Trips Eliminated Per Day (Roun Parking Space 715 74 847	West Parking Lot New ATC Parking Spar TOD One Way
New Parking at ATC Proposed Parking-West Parking Lots Total Available Parking Spaces Auto Trip Diver # of auto eliminate w/ west parking (total # of new parking space) TOD(total # of auto reduce) Total Auto Diverted	74 715 2422 téd 789 847	Pace staging area (gain of pa Notes:307 of space are	Auto Trips Eliminated Per Day (Roun Parking Space 715 74 847 1636	West Parking Lot New ATC Parking Space TOD One Way Round Trip (Auto Trip
New Parking at ATC Proposed Parking-West Parking Lots Total Available Parking Spaces Auto Trip Diver # of auto eliminate w/ west parking (total # of new parking space) TOD(total # of auto reduce) Total Auto Diverted	74 715 2422 ted 789 847 1636	Pace staging area (gain of pa Notes:307 of space are	Auto Trips Eliminated Per Day (Roun Parking Space 715 74 847 1636	West Parking Lot New ATC Parking Span TOD One Way Round Trip (Auto Trip
New Parking at ATC Proposed Parking- West Parking Lots Total Available Parking Spaces Auto Trip Diver # of auto eliminate w/ west parking (total # of new parking space) TOD(total # of auto reduce) Total Auto Diverted	74 715 2422 ted 789 847 1636	Pace staging area (gain of pa Notes:307 of space are private	Auto Trips Eliminated Per Day (Roun Parking Space 715 74 847 1636	West Parking L New ATC Parking S TOD One Way Round Trip (Auto Eliminated)







Intersection:

Municipality:

IL Route 25 & Roundhouse Access

Aurora

Date of Counts: March 20,2012

Warrants Met:

None

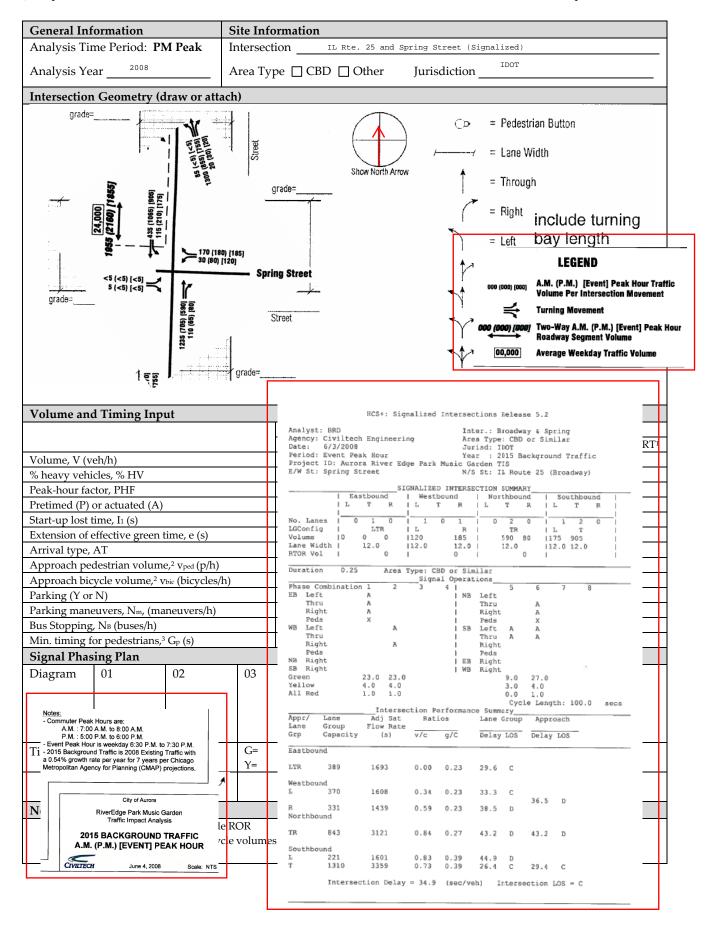
Recommendation: Remove Traffic Control Signal.

location. We offer the following comments:

Before Improvement

(Complete one worksheet for before conditions and one worksheet for after conditions

☐ After Improvement



ACTUATED CONTROLLER PRPOERTIES

	_						
			OPE	RATIONAL A	NALYSIS		
	Analyst:		BRD				
	Agency/Co.:			ch Enginee	ring		
	Date Perform		6/3/200				
	Analysis Tir		Event P	eak Hour			
	Intersection	n:	Broadwa	y & Spring			<u>:</u>
	Area Type:			Similar			
	Jurisdiction		IDOT				
	Analysis Yea		2015 Ba	ckground T	raffic		
	Project ID: E/W St: Spr:				st: IL Route 2:	f (Department	
	D/W OC: OPI	riid octeer		N/S	St: 1L Route 2:	(Broadway)	
			v	OLUME DATA			
		Eastbound	Wes	tbound	Northbound	Southbound	
		IL T	RIL	T R	IL T R	L T R	!
		0 0 0		185		175 905	-i
	* Heavy Veh			1	1 1	11 1	I
		10.95 0.95 0	,			0.95 0.95	-
	PK 15 Vol Hi Ln Vol	10 0 0	132	49	155 21	46 238	1
	% Grade		!	0		!	!
	Ideal Sat	1 1900		1900	i 0 I 1900	0 1900 2000	!
	ParkExist	1 1500	11300	1900	1 1900	11900 2000	!
	NumPark	i	i		1		1
	No. Lanes	0 1	0 i 1	0 1	0 2 0	1 2 0	i
	LGConfig	LTR	I L	R	TR	L T	i
	Lane Width		112.0	12.0	12.0	12.0 12.0	i
	RTOR Vol	1 0		0	0		i
	Adj Flow		1126	195	705	184 953	1
	%InSharedLn						1
hase So	Prop LTs Prop RTs	0.000	!		0.000	1.000 0.000	1
iase se	Prop RTS Peds Bikes	0.000		1.000		0.000	!
	Buses		1 9	0	10 0 6	1 5	! -
Phase	%InProtPhase	, -	10	0	1 0	10.0	8
Лах Gre	Duration		rea Type:	CBD or Sim	ilar	1 0.0	-
Min Gre	-			ATING PARA			-
Amber			OPER	WITHO LAKE	#D15K2		
All Red		Eastbound	,		Northbound	Southbound	1
Veh. Ext		L T	R L	T R	IL T R	IL T R	-
Min Rec	Init Unmet		10.0	0.0	0.0	0.0 0.0	-i <u> </u>
	Arriv. Tuno		13	3	1 4	14 4	1
TUA INCU	Unit Ext.	3.0	15.0	5.0	7.0	13.0 7.0	<u> </u>
	I Factor	1.000		1.000	0.967	0.926	!
	Ext of q	2.0	12.0	2.0	2.0	12.0 2.0	!
	Ped Min g		,	2.0	1 2.0 1 3.3	12.0 2.0	!
	accordant g	2.6	1	9.9	3.3	1	

ACTUATED CONTROLLER COORDINATION FHASE DATA seconds Phase Combination 1 4 | EB Left NB Left 6 8 Thru Thru Right A Right 0 Peds х Peds Х | SB Left A | Thru A WB Left A. Thru Α Right Right Peds Peds NB Right | EB Right SB Right | WB Right Green 23.0 23.0 9.0 27.0 3.0 4.0 0.0 1.0 4.0 4.0 1.0 1.0 Yellow All Red Cycle Length: 100.0 secs iods VOLUME ADJUSTMENT AND SATURATION FLOW WORKSHEET Volume Adjustment | Eastbound | Westbound | Northbound | Southbound | L T R | L T R | L T R I Eastbound **Begin Times** Volume, V | 0 0 0 | 120 185 590 80 1175 905 3 PHF 10.95 0.95 0.95 10.95 0.95 | 0.95 0.95 | 0.95 0.95 | 126 | 195 | | 1 0 1 | 195 | 621 84 | 184 953 0 1 | 0 2 0 | 1 2 0 R | TR | L T 195 | 705 | 184 953 | 0.000 | 1.000 0.000 **End Times** 2 3 1 0.000

Appr/ Lane		tios	Unf Del	Prog		Increme		Res Del	Lane G	roup	Appro	9
		g/C			Cap		d2		Delay	LOS	Delay	
East	bound											-
LTR	0.00	0.23	29.6	1.000	389	0.11	0.0	0.0	29.6	С		
West	bound											
L	0.34	0.23	32.2	1.000	370	0.23	1.2	0.0	33.3	C		
	0.59 hbound		34.3	1.000	331	0.28	4.2	0.0	38.5	D	36.5	
TR	0.84	0.27	34.4	1.000	843	0.46	8.7	0.0	43.2	D	43.2	
Sout	hbound											
L	0.83	0.39	23.3	1.000	221	0.37	21.5	0.0	44.9	D		
T	0.73	0.39	26.0	0.905	1310	0.44	2.9	0.0	26.4	C	29.4	

		and Lane Gr Adj	Adj Sat		Green	Lane Gr	0000
Appr/ Mvmt	Lane Group		Flow Rate (s)			Capacity (c)	
Eastbound							
Prot							
Perm							
Left							
Prot							
Perm							
Thru	LTR	0	1693	* 0.00	0.23	389	0.00
Right							
Westbound							
Prot							
Perm.		2000		1120112000	Larry San	12002000	
Left	L	126	1608	0.08	0.23	370	0.34
Prot							
Perm.							
Thru	_				02/02/2	5230	
Right	R	195	1439	● 0.14	0.23	331	0.59
Northboun	d						
Prot							
Perm							
Left Prot							
Perm							
Thru	TR	705	2121	4 0 00			
Right	TR	/05	3121	# 0.23	0.27	843	0.84
Southboun							
Prot	u	144	1601	# 0.09		144	
Perm		40	256	0.16	0.090		0.52
Left	L	184	250	0.16	0.300	221	0.52
Prot	_	104			0.39	221	0.83
Perm							
Thru	T	953	3359	0.28	0.39	1310	0.73
Right	-	200	2222	0.20	0.39	1310	0.73

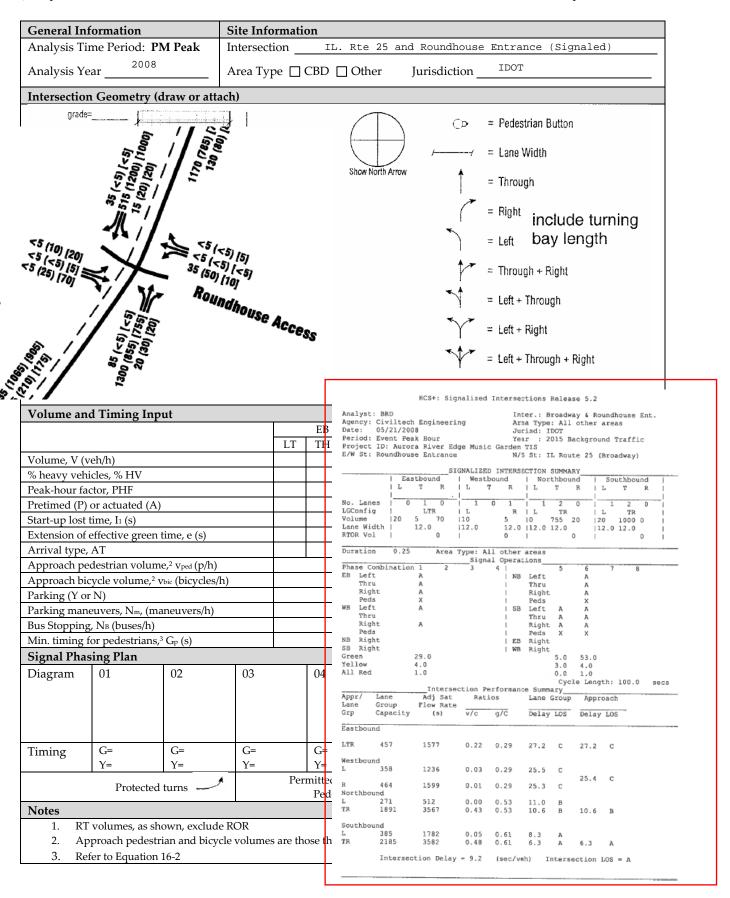
Xc = (Yc) (C) / (C-L) = 0.56

Critical flow rate to capacity ratio,

☑ Before Improvement

(Complete one worksheet for before conditions and one worksheet for after conditions

☐ After Improvement



ACTUATED CONTROLLER PRPOERTIES

	OPERATIONAL ANALYSIS	
	Analyst: BRD Agency/Co.: Civiltech Engineering Date Performed: 05/21/2008 Analysis Time Period: Event Peak Hour Intersection: Broadway & Roundhouse Ent. Area Type: All other areas Jurisdiction: IDOT Analysis Year: 2015 Background Traffic Project ID: Aurora River Edge Music Garden TIS E/W St: Roundhouse Entrance N/S St: IL Route 25 (Broadway)	4
	Eastbound Westbound Northbound Southbound L T R L T R L T R	
	Volume 20 5 70 10 5 0 755 20 20 1000 0 % Heavy Veh 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
	ParkExist NumPark	8
Dhaca Cattings	OPERATING PARAMETERS	
Phase Settings	Eastbound Westbound Northbound Southbound L T R L T R L T R	
Phase	_	8
Max Green	Init Unmet 0.0	
Min Green	I Factor 1.000 1.000 0.896 0.969 — Lost Time 2.0 2.0 2.0 2.0 2.0 2.0	
Amber	Ext of g 2.0 2.0 2.0 2.0 2.0 2.0	
All Red	Ped Min g 3.8 3.2 3.3 3.2	
Veh. Ext.	_	
Min Recall		
Max Recall		

- Commuter Peak Hours are: A.M.: 7:00 A.M. to 8:00 A.M. P.M.: 5:00 P.M. to 6:00 P.M. - Event Peak Hour is weekday 6:30 P.M. to 7:30 P.M. - 2015 Background Traffic is 2008 Existing Traffic with a 0.54% growth rate per year for 7 years per Chicago Metropolitan Agency for Planning (CMAP) projections. City of Aurora RiverEdge Park Music Garden Traffic Impact Analysis 2015 BACKGROUND TRAFFIC A.M. (P.M.) [EVENT] PEAK HOUR CIVILTECH

June 4, 2008

Scale: NTS

LEGEND

A.M. (P.M.) [Event] Peak Hour Traffic Volume Per Intersection Movement



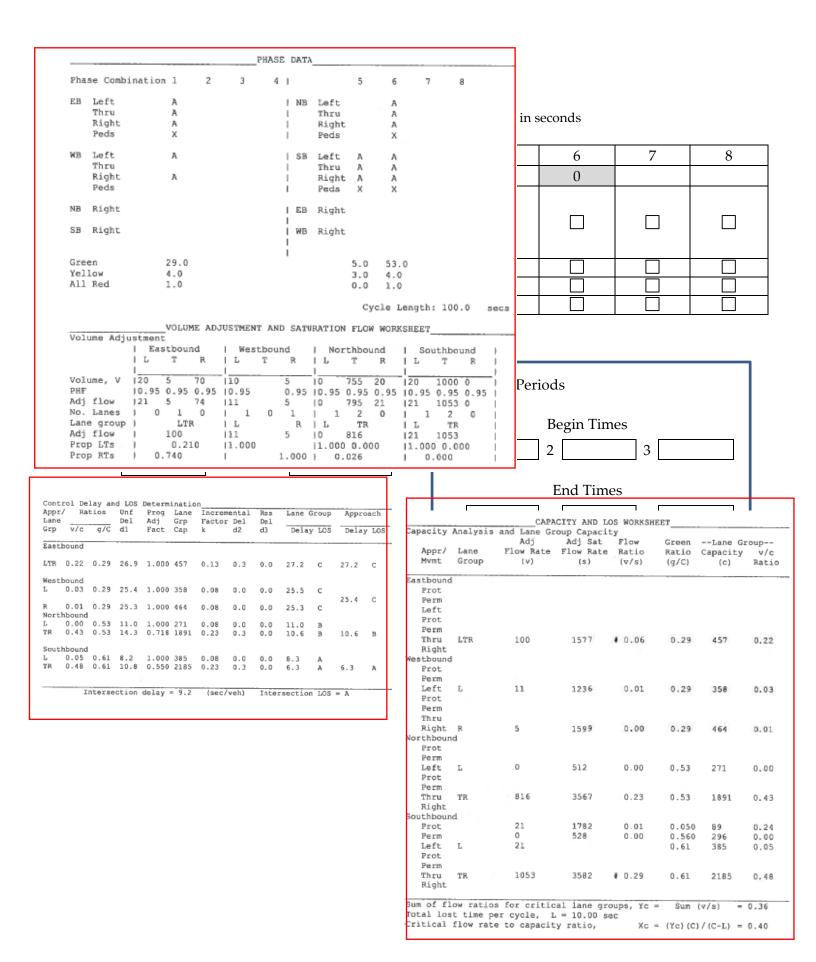
Turning Movement

000 (000) [000]

Two-Way A.M. (P.M.) [Event] Peak Hour Roadway Segment Volume

00,000

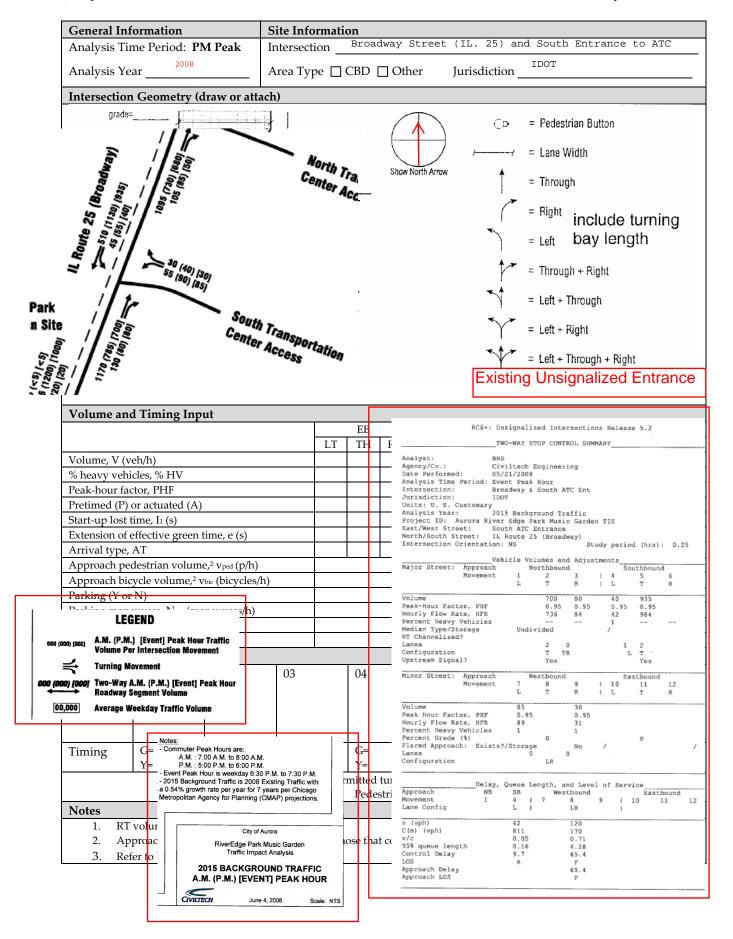
Average Weekday Traffic Volume



☑ Before Improvement

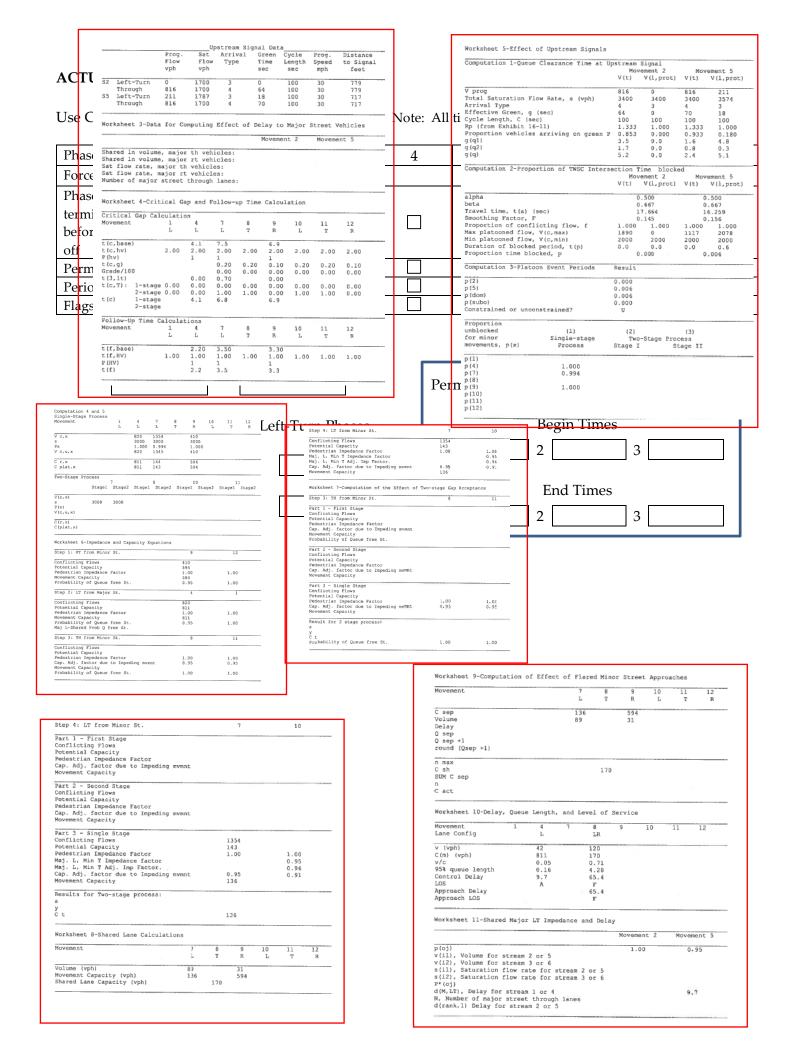
(Complete one worksheet for before conditions and one worksheet for after conditions

☐ After Improvement



ACTUATED CONTROLLER PRPOERTIES

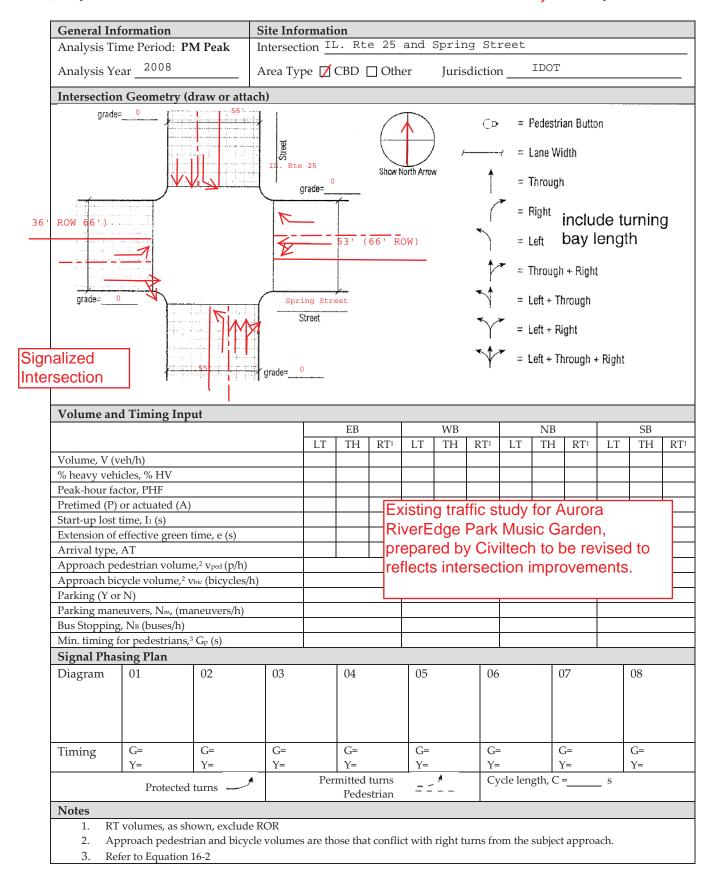
		Г		
			TWO-WAY STOP CONTROL(TWSC) ANALYSIS	
			Analyst: BRD	-
			Agency/Co.: Civiltech Engineering	
			Date Performed: 05/21/2008	
			Analysis Time Period: Event Peak Hour Intersection: Broadway & South ATC Ent	_
			Intersection: Broadway & South ATC Ent Jurisdiction: IDOT	4
			Units: U. S. Customary	
			Analysis Year: 2015 Background Traffic Project ID: Aurora River Edge Park Music Garden TIS	
		\perp	- East/West Street: South ATC Entrance	
			North/South Street: IL Route 25 (Broadway)	
			Intersection Orientation: NS Study period (hrs): 0.25	
			Vehicle Volumes and Adjustments	
			Major Street Movements 1 2 3 4 5 6	
			L T R L T R	
			Volume 700 80 40 935	
		1	Peak-Hour Factor, PHF 0.95 0.95 0.95	
			Peak-15 Minute Volume 184 21 11 246 Hourly Flow Rate, HFR 736 84 42 984	
			Hourly Flow Rate, HFR 736 84 42 984 Percent Heavy Vehicles 1	
		_	Median Type/Storage Undivided /	
			RT Channelized?	8
			Lanes 2 0 1 2 Configuration T TR L T	
			Upstream Signal? Yes Yes	
			Minor Street Movements 7 8 9 10 11 12	
			Minor Street Movements 7 8 9 10 11 12 L T R L T R	
			Volume 85 30 Peak Hour Factor, PHF 0.95 0.95	
			Peak-15 Minute Volume 22 8	
			Hourly Flow Rate, HFR 89 31	
			Percent Heavy Vehicles 1 1 Percent Grade (%) 0 0	
			Percent Grade (%) 0 0 Flared Approach: Exists?/Storage No / /	
Phase Settings	s (All time	es a	RT Channelized?	
O	`		Lanes 0 0 Configuration LR	
Phase	1	╁		
	1	_		8
Max Green			Pedestrian Volumes and Adjustments Movements 13 14 15 16	
Min Green				
Amber		\dashv	Flow (ped/hr) 0 0 0 0 Lane Width (ft) 12.0 12.0 12.0	
		$+\!\!\!\!+$	Lane Width (ft) 12.0 12.0 12.0 12.0 Walking Speed (ft/sec) 4.0 4.0 4.0 4.0	
All Red		- -	Percent Blockage 0 0 0 0	
Veh. Ext.			——————————————————————————————————————	
Min Recall				
Max Recall		4	·	



☐ Before Improvement

(Complete one worksheet for before conditions and one worksheet for after conditions

After Improvement



(Complete one worksheet for before conditions and one worksheet for after conditions

☐ Before Improvement

After Improvement

General Inf	ormation	S	ite Info	rmati	on										
Analysis Tir	me Period: P l	M Peak Ir	ntersect	ion _	IL. R	25 a	ind ATC	South 1	Entranc	e					
Analysis Ye	ar	A	rea Ty _l	ре 🗌	CBD [] Oth	er	Juris	dictio	n	IDOT				
Intersection	Geometry (draw or attach	1)												
 grade= grade= gnalized ersection	55	e can hai an an in ai l	K	. 25	36	_{AT}	C-South trance			# = = - = # = -		inclu bay l + Righ nrough	de tu lengt	ırnin h	g
Volume and	d Timing Inp	ut													
v oranic and	<u> </u>	<u> </u>			EB			WB			NB			SB	
				LT	TH	RT1	LT	TH	RT^1	LT	TH	RT1	LT	TH	RT1
Volume, V (v	eh/h)														
% heavy vehi	cles, % HV														
Peak-hour fac	ctor, PHF														
Pretimed (P)	or actuated (A)														
Start-up lost t	time, I1 (s)						Exis	sting	traffi	ic stu	idy fo	or Au	ırora		
Extension of a	effective green	time, e (s)						erEd			-				
Arrival type,	AT								_						_
Approach pe	destrian volum	e,2 v _{ped} (p/h)												sed t	U
	cycle volume,² v	7bic (bicycles/h)					rette	ects i	nters	section	on im	prov	eme/	nts.	
Parking (Y or							Ц								
	euvers, N _m , (ma	aneuvers/h)													
	, NB (buses/h)														
	or pedestrians,	³ G _p (s)								L			L		
Signal Phas	ing Plan		1												
Diagram	01	02	03		04		05		06	Ó	C)7		08	
Timing	G=	G=	G=		G=		G=		G=				+	G=	
Timing	Y=	Y=	Y=		Y=		Y=		Y=			 /=		G= Y=	
	Protected	4	1	Per	mitted Pede		===	<u> </u>			gth, C		s		
Notes			l						<u> </u>						
1. RT 2. Ap		own, exclude R ian and bicycle 16-2		s are th	ose tha	t confli	ct with	right tı	urns fro	om the	subject	appro	ach.		

(Complete one worksheet for before conditions and one worksheet for after conditions

☐ Before Improvement

After Improvement

General Information	Site Info	rmati	on										
Analysis Time Period: PM Peak	Intersecti	ion _	I	L Rte 2	5 and	Roundhou	se Enti	rance/C	omfort	Suites			
Analysis Year	Area Typ	ре 🗌	CBD [☐ Oth	er	Juris	dictio	n	DOT				
Intersection Geometry (draw or at	tach)												
grade= only grade= only grade= only sop Controlled tersection	Roune	rade=	ONLY ONL		ort Su				Lane Wi Through Right Left Through Left + Ti	inclu bay n + Righ	de ti lengt		g
Volume and Timing Input		LT	EB TH	RT ¹	LT	WB TH	RT1	LT	NB TH	RT ¹	LT	SB	RT ¹
Volume, V (veh/h)			-111	11.1		111	111		111	111		111	111
% heavy vehicles, % HV													
Peak-hour factor, PHF													
Pretimed (P) or actuated (A)													
Start-up lost time, I ₁ (s)												Ì	
Extension of effective green time, e (s)												Ì	
Arrival type, AT					-								
Approach pedestrian volume, ² v _{ped} (p/h	1)					xistin							
Approach bicycle volume, ² vbic (bicycle					RiverEdge Park Music Garden,								
Parking (Y or N)					prepared by Civiltech to be revise								d to
Parking maneuvers, N _m , (maneuvers/h)			reflects intersection improvements.									
Bus Stopping, N _B (buses/h)						SHECK	s iiile	1560	UUII	mpr	JVEII	Hemis	/-
Min. timing for pedestrians, 3 G_p (s)													
Signal Phasing Plan													
Diagram 01 02	03		04		05		06)7		08	
Timing G= G=	G=		G=		G=		G=			 G=		G=	
Timing $G=$ $G=$ $Y=$ $Y=$	Y=		G= Y=		Y=		Y=			ງ= Y=		G= Y=	
Protected turns —	<u> </u>	Per	mitted Pede			- ^ -	_		igth, C		_ s	1-	
Notes													
1. RT volumes, as shown, exclu 2. Approach pedestrian and bic 3. Refer to Equation 16.2.		are th	ose tha	t confli	ct wit	h right tı	ırns fro	om the	subjec	t appro	ach.		