

APPENDIX C: MEETING MINUTES & PRESENTATIONS

Meeting Minutes

Study Advisory Committee Meeting #1	02/25/2019	C1-C5
Project Team Meeting #2	04/12/2019	C7-C12
Stakeholder Discussions	05/02/2019	C13-C18
Stakeholder Discussions	05/08/2019	C19-C25
Study Advisory Committee Meeting #2	05/09/2019	C27-C29
Launch Party	05/20/2019	C31-C36
Study Advisory Committee Meeting #3	05/21/2019	C37-C39
Open House	05/22/2019	C41-C44
Final Charrette Presentation	05/23/2019	C45-C51
Study Advisory Committee Meeting #4	07/08/2019	C53-C55
Mont Pleasant Merchants Association	07/15/2019	C57-C58
Mont Pleasant Open House	08/01/2019	C59-C64
Study Advisory Committee Meeting #5	09/19/2019	C65-C66
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Presentations

Stakeholder Discussions	05/02/2019 and 05/08/2019	C73-C78
Final Charrette Presentation	05/23/2019	C79-C101
Final Public Presentation	10/29/2019	C103-C121



Study Advisory Committee #1

PROJECT :: CRAIG – MAIN COMPLETE STREETS SCHENECTADY, NEW YORK

MEETING DATE & TIME :: February 25, 2019 2:00 P.M

MEETING LOCATION :: City of Schenectady City Hall, Room 110

Meeting Summary of Discussion

In Attendance:

Name	Agency or Affiliation	Email and Phone
Kimberly Case	PLACE Alliance	kcase@placealliance.com 315-729-9102
Kristin Diotte	City of Schenectady	kdiotte@schenectadyny.gov 518-382-5149
Todd Fabozzi	Capital District Regional Planning Com.	Todd@cdrpc.org
Stephen Feeney	Schenectady County	Steve.feeney@schenectadycounty.com 518-386-2225
David Hogenkamp	Metroplex	dhogenkamp@schenectadymetroplex.org
Brent Irving	CDTA	brenti@cdta.org
Margaret Irving	River Street Planning & Development	mirwin@riverstreet.org
Sylvia Jimison	CDBF Coord.	City of Schenectady
Sharon Jordan	Schenectady Public Library	Sjordan10@nycap.rr.com
Christine Primiano	City Planning	cprimiano@schenectadyny.gov

Walter Simpkins	Community Fathers Inc.	Communityfathersinc@gmail.com
Matt Smith	City of Schenectady	msmith@schenectadyny.gov 518-382-5199 ext. 5393
Patricia Smith	Mont Pleasant Neighborhood Assoc.	mpnaschdy@gmail.com 518-370-2260
Mary Moore Wallinger	LAndArt Studio	mmwallinger@landartstudiony.com 518-952-0531
Chris Wallin	City of Schenectady	cwallin@schenectadyny.gov 518-382-5082
Carrie Ward	CDTC	cward@cdtcmpo.org

Agenda Items:

- 1. Introductions**
- 2. Project Overview and Context – Kristin Diotte**
- 3. Craig-Main Street Complete Streets Project**
 1. Study Area
 2. Project Scope & Schedule
- 4. Review of Existing Plans & Documents and Evaluation Methods**
- 5. Key Issues & Opportunities within the Craig-Main Corridor**
 1. Strategies & Trade-offs for Various Modes of Transportation & Parking
- 6. Public Outreach, Website & Engagement Strategies**
 1. Stakeholders & Stakeholder Engagement
 2. Community Outreach & Public Workshops
 - i. Website, flyers, social media, existing networks, neighborhood centers, etc.
- 7. Next Steps**

Introductions:

Kristin Diotte welcomed people and shared that the City is very committed to the project. There are lots of things happening in these neighborhoods and the project is an opportunity to create better linkages between investments and amenities for the community.

Meeting Notes:

Mary Moore presented the PPT presentation (see attached) which included:

- Introducing the team
- Study area: why it was selected and its many assets
- Scope of Work
- Schedule - Current tasks is data collection, traffic analysis, existing conditions analysis, developing resident survey about current mobility, community engagement in April/May, report during the summer.
- Kim Case reviewed the documents that the Team is reviewing as identified in the PPT and the scope of work. The recent Bike Infrastructure Master Plan, Pedestrian Master Plans and Smart City Master Plan are critical, and this study should endeavor to be consistent with them, for example use of smart lighting.
- Mary Moore reviewed the studies in more detail stressing that existing conditions analysis and past studies clearly affirm that Craig Street is wide and offers real opportunities for connections through multiple modes. Width does vary considerably. The same solution will not work for the whole corridor and a block by block and intersection by intersection analysis will be completed.
- The focus will be on creating a comfortable environment for all people, young and old, across all modes. Kim presented a variety of techniques that can be employed to create defensible space like street trees and using Green Infrastructure like rain gardens, tree pits and tree grates etc. is also possible to create a comfortable environment.
- It's important to understand what routes people take and why they take them. Surveys and workshops will be used to gather this information.
- The bridge has more space to add improvements. Travel lanes are wide. Chris Wallin clarified that the City maintains the bridge deck, but it is a NYS DOT bridge. The City wants to engage DOT once ideas are being framed to ensure that improvements, like wider sidewalks are achieved.
- Mary Moore introduced the stakeholder list and said it would be sent out separately and refining it is very important.
- Margaret reviewed the current list of engagement techniques and stressed that the Team is open to better ideas and other ways to outreach. The selection of a community liaison will be important. Chris asked about having food at events or something else that will encourage working families to come.
- Kim reviewed the format for the charrette/design workshop. Mary Moore described the deliverables of the events and the ability to see ideas on paper in real time.

Comments and Discussion

- Chris Wallin mentioned that the City is pursuing implementation funds simultaneously with this planning and design. They have applied for funds to improve the pavement, curbs, crosswalks and other pedestrian improvements. City may focus some CDBG resources and/or pursue SAM money.
- David Hogenkamp - \$60 million of investment is happening in Hamilton Hill on various projects from various sources.
- Chris Wallin mentioned that the team may want to label the aerial "Study Area" and break out other neighborhoods by name/identity (Vale, Vale Park, Eastern Avenue, etc.) rather than putting all under the Hamilton Hill neighborhood. Later in the meeting Steve Feeney commented that the study area looks very large

and may want to define a primary area where improvements will be concentrated. The design team mentioned that the area was taken from the Comprehensive Plan and that they will revise the area and incorporate the updated map into the presentation before sending it out to the group.

- Todd Fabozzi asked if pedestrian activity will be counted. Todd mentioned the importance of understanding how many kids are walking to school, when it happens, and where they are actually walking (on sidewalks, in streets?) This is an especially important issue when there is snow and people are walking in the roadway. This can also be part of asking residents – including kids – about what route they choose and why they choose it.
- David Hogenkamp - What data is needed to support applications for GI? How do you measure impact in order to seek funds for implementation? Storm water managed, water quality/removal of sediment or contaminants, etc.
- Walter Simkins - Need to talk to Larry Spring at the School District for contacts. Nathan Wiley is a teacher and guidance counselor from the High School and could be helpful. Mary Moore mentioned reaching out to the Boys and Girls Club. Contact Washington Irving, City Mission, Duryee Memorial AME Zion Church, the church across from Electric City Barn (Higher Ground Worship Center), barber shops (Cuts and Blends could get the word out to the other shops). What is happening with Miracle on Craig Street project?
- Brent Irving asked about including Electric City Bike Rescue.
- Consider illustrations that reflect the people and types (for example choice of clipart). Evaluate using state or national data that is not about comparable urban neighborhoods as it may give an inaccurate impression.
- Walter Simkins - Questions about implementation of Schenectady 2020 plan. So many things have been accomplished. Acknowledge what has been identified. City is looking at prioritizing what is left to do.
- Todd - Kids in the neighborhood will use bikes “fearlessly”, which is inconsistent with stats about national adult riders. Landis method does not account for comfortableness of the route. Kristin mentioned the Youth Summit and key observation that kids don’t feel safe in a number of ways. On the other hand, Walter Simkins mentioned that he does not see many people of any age riding bikes, so this may not be as much of an issue. Pushing baby carriages, especially navigating the bridge is also a concern.
- Kristin commented that the Thriving Neighborhoods project identified key themes to clean streets and including public art. For trash receptacles, neighborhoods need City commitment to empty them. Todd mentioned that some receptacles deter people from emptying household trash into them. Three of the Thriving Neighborhoods Challenge projects related to trash are being funded and are now being advanced in the hopes of addressing some of these issues.
- Chris suggested that the plan should extend public art into the streets using “creative crosswalks”, for example, to expand public art. Consider partnering with Hamilton Hill Arts Council to include residents, especially kids, to engage them in designing and producing the art. Look at models in Saratoga (Todd) and Transport Troy (Margaret). Many not-for-profits (Bethesda House, etc.) bring consumers into the neighborhood every day who could “give back.” The project can be a platform to make connections between things that are happening (Kristin).
- As part of thinking about implementation, the group discussed incorporating ways to include neighbors and generate a sense of ownership. Look for opportunities for having volunteers help with planting trees. Mary Moore suggested looking for ways to organize the contract to include opportunities for local labor and utilizing some of the people that the City (Ron Gardner’s program) has been working with on job skills training.
- Silvia raised the concern that many people are working multiple jobs and volunteering is not something they have much time to do so may need incentives to encourage people to participate. Food? Coupons?
- Mary Moore mentioned that the Bike Demo on Craig was very successful and that it attracted over 200 people. She suggested reaching out to Jason Lecuyer, the County Events Planner, who helped organize the bike demo. In addition to the demo, the event had helmet giveaways, ice cream from Stewarts, police doing child fingerprint ID cards, and a Bouncy House, which made the event even more inviting and successful.
- Walter Simkins pointed out that there are properties that either are not used or have been improved and others where the community may not understand what is planned. David Hogenkamp mentioned that the building where there used to be a chicken restaurant is being demolished. One site is a brownfield. The

Community Builders project is on these sites and they will build new housing and a ground floor laundromat based on commercial needs identified by residents. The laundromat will front on Albany Street.

- The City confirmed that the desire in the neighborhoods was for the commercial activity to remain on Albany and Crane and that a need for more affordable housing has been established. It was noted that BNI and Community Builders should be at the table to talk about ongoing housing projects.
- Sharon mentioned few facilities that would be good to host a focus group or workshop including the Phyllis Bornt Branch of the Library and the new Mont Pleasant Library as possible sites.
- Mary Moore introduced the idea to conduct two workshops before the charrette and reviewed possible break out group topics.
- Todd mentioned that we should go to the kids – having a separate youth session is probably better than a break out for youth. May be more important to have youth represented in all break out groups. Kristin mentioned a City youth summit that was previously held. Walter mentioned the Head Start Program.
- Silvia mentioned that March is women’s history month and the neighborhood has many female-headed households so maybe a connection can be made. Engaging women will bring kids and make sure the plan considers their needs.
- Sharon asked how you sell this project. Corridor of hope? Is the project about safety? A community for kids? Safe routes to school? Safe routes to the Boys and Girls Club? Safe routes for kids. New location of Boys and Girls Club at the edge of the neighborhood raised issues about safety of the connections since many kids walk to the center.
- Chris Wallin asked if neighborhood residents feel that the projects underway are making a difference. Kristin and Sharon said that it is mixed. How do people feel about Joseph Allen Apartments, for example?
- The project demands individualized outreach. Should do traditional media but need to reach the neighborhood people who reach people every day/every week (library staff, Boys and Girls Club, schools, clergy...) Would doing a newsletter be an option? A brochure like the one developed for the Stockade?
- Suggestions for liaison (s). Brent suggested engaging Capital Roots Veggie Mobile. Should there be one for liaison for each neighborhood? People suggested contacting John Howard or Oscar Bogen. The team will develop a job description and coordinate with Kristin. The team would like to have this person in place in at least three weeks’ time.
- Todd mentioned that complete Streets is also about land use. What analysis of zoning and density, etc. will be completed? Kristin mentioned that zoning and other analysis can be parallel or follow on tasks by the City.
- Walter Simkins mentioned that land uses at the gateway matter a great deal – drug dealing impacts how people feel about going into the neighborhood and moving around it. It will be important to engage public safety providers.

Next Steps

- Distribute the Power Point to the Committee
- Distribute the meeting notes to the Committee
- Stakeholder list will be circulated for comment and additions as soon as possible
- Job description for the community liaison will be provide to the City
- Community engagement strategy will be drafted and circulated for review.
- Establish a date for the next SAC meeting once an existing conditions timeline has been confirmed with CME.

The meeting concluded at 4:05.



Project Team Meeting #2

PROJECT :: CRAIG – MAIN COMPLETE STREETS SCHENECTADY, NEW YORK

MEETING DATE & TIME :: April 12, 2019 10:00 AM

MEETING LOCATION :: City of Schenectady City Hall, Room 110

Meeting Agenda

Items:

1. Welcome and Introduction of Johan Matthews, Project Community Liaison
2. Project Status Update
3. Project Schedule
 1. Finalize Stakeholder Workshop Dates
 2. Finalize Public Workshop / Charrette Dates
 3. Finalize SAC Meeting #2
4. Draft Public Outreach Plan
5. Project Website
 1. craigmainconnection@gmail.com
 2. Should we add a City and/or CDTC contact?
6. Draft Existing Conditions Report Findings
7. Design Parameters
8. Draft Intercept Survey
9. Next Steps

Notes

- Mary Moore introduction and Agenda Overview
- Johan Matthews-Community Liaison
 - Community Loan Fund
 - Has worked with a lot of adjacent associations
 - Starting to make connections and proposing great ideas
 - Principal of Mutual Design
- Technical Work
 - Draft existing conditions report has been submitted and is open for comment
 - Field Measurements have been taken on each block of Craig Street and Main Ave
 - Face of Curb to face of curb for Pavement Zone
 - Face of Curb to back of SW
 - Landscape buffers and zones
 - Putting our faces into the community, chatting with neighbors
 - Initial exploration of opportunities and constraints
 - Utility Poles
 - Rights of Way
 - Space constraints
- Public Outreach and Engagement
 - Stakeholder Workshops
 - Week of April 29th for Stakeholder discussions
 - Morning 9-11a with local business owners
 - Workshop with after school program
 - Evening 6-8:30 for non-profit groups and anyone who could not make morning
 - Electric City barn could be a great location
 - Possible Metroplex conflict that morning at 9am – possibility to do the morning session a different day
 - Stakeholder meeting May 2nd . Tuesday morning 4/30 as back up
 - Morning groups could inform others of evening meetings
 - Trying to think outside of the box to get people to become involved. Building sense of ownership
 - Multi-Day Charrette
 - 4th week of May
 - Monday-Thursday
 - Consensus that week looks good for everyone
 - Kristin will be out the week prior – be mindful so she has time to review contents before she leaves
 - Send summary for press releases
- SAC Meeting #2
 - Does it make more sense to schedule SAC Meeting #2 before the Stakeholder outreach or after?
 - Consensus to meet after the Stakeholder Outreach but before design Charrette
 - Proposed meeting 2nd week of May
 - Jacob Beeman out that week m-w

- Must solidify who from the SAC are going to participate
 - **Mary Moore to ask Johan if he'd suggest anyone**
 - Silvia suggested to reach out to Ebony from Middle School
 - **Mary Moore to forward Kristin information on liaison applicants (Chris Parsons would like to be involved)**
- Must compose a group who understands how important it is to participate throughout
- Important for all who are involved to get faces out into neighborhoods
- **Mary Moore to send out doodle poll (may 9th) to SAC with morning and evening times**
- **Kristin and Silvia to reach out to more people to join SAC meeting (Ebony, Chris...)**
- Jacob – DOT (Planning Department) would like to be included on SAC materials
 - **Jacob to forward info to DOT**
- Public Outreach Plan
 - Stakeholder Engagement May 2nd
 - Morning Meeting – Mont Pleasant **(April 30)**
 - Evening – Hamilton Hill
 - Locations - Bridge Center
 - **Kristin to reach out to Pastor James Bookhout**
 - Mont Pleasant Merchants' Association and Crane St. business owners would be great to have
 - After School Focus group discussions
 - Hamilton Hill Arts Center does after school programs
 - How many locations do we engage?
 - Have food at opening meeting as incentive – Diverse array of food types along the corridor
 - Potential for Jason Lecuyer (County Events Planner) to help organize and get sponsors
 - Thriving Neighborhoods could potentially be a partner to make this happen
 - **Christine/Mary Moore to reach out to Thriving Neighborhoods**
 - Taste of the Corridor – food from local businesses
 - Outreach Agenda for am and pm outreach
 - Intro
 - Connectivity and Security
 - What role can arts and culture; housing and redevelopment; business promotion and development; and youth programming build a better contribute to connectivity and security
 - Attendees to choose which group they'd like to go to, will be able to choose more than one
 - Overall discussion at end
 - Jacob Beeman - make sure all of this is still tied to transportation and movement through the corridor
 - Johan - What do people think connection look like? It looks like access, transportation facilitates access. Drives emotional connection to access
 - Gauge where the community is, their perceptions, needs, priorities
 - Map – draw routes that they walk or bike and why?
 - Outreach – call people, word of mouth, press, flyers, door to door
 - Curbside Conversations

- Outdoor living room with funky furniture, coffee and cookies to engage authentic and spontaneous conversation
- Locations – Carver Center and Education Drive (Intersection of Craig and Main also discussed)
 - **Mary Moore to reach out to Rosa at the Carver Center**
- Habitat Restore – willing to loan and assist with furniture delivery
- Outreach Strategies
 - Website
 - Ambassadors
 - Flyers
 - Existing channels of communication
 - Creative public events
 - Banner
 - Bridge too loud, sidewalks too narrow, also DOT controlled
 - Chainlink fence at Community Gardens
 - Word of mouth and conversations
 - Workshop
 - Youth – put them at the forefront so it is about the community’s legacy
 - We do not want the community to think the neighborhood is changing without them
 - Johan explains his idea of The Great Schenectady Treasure Hunt
 - Learning history through clues
 - Water balloons filled with paint, throw at banner
 - Produces an artifact
 - Community reward may trigger community action
 - Incentives
 - Sense of ownership and pride
 - Marion working on neighborhood cleanup April 27th
 - Working Group on Girls
 - Middle school aged
 - Help them have sense of self and worth in struggling communities
 - Steinmetz School
 - Start at Craig Street, go Downtown, defensible space, walkable experience of a place, lunch downtown, go to electric city barn to do mini charrette (concept images to create collage)
 - Invite them to be at public events for CM project
 - Multi-Day Charrette
 - Opening public meeting
 - At Mont pleasant library
 - Design team to do Work at Electric City Barn
 - Open House at Electric City Barn
 - Break out Stations
 - Final Presentation
 - Final night to bring it all together most convenient for both neighborhoods
 - Location
 - Carver Center – building may not be in condition for this
 - Electric City Barn

- Large Churches on Hamilton Church – Zion Church across from Electric City Barn
 - Friendship House on State Street
 - Big meeting space
 - St. Lukes Church
 - Pleasant Valley gymnasium
 - Consensus that this would be a place where most feel connected to and familiar with
 - Niki Cambel – Associated with School
 - **Mary Moore to Reach out to Pleasant Valley**
 - Website
 - Title: Craig Main Connection – www.craig-main-connection.com
 - Craigmainconnection@gmail.com
 - Photo sourcing
 - Streetmix – make your own street cross section
 - How to save and submit sections to design team?
 - How to include distance limitations
 - Survey
 - **Mary Moore to send survey to SAC to review**
 - Website and survey to go Live end of next week
- Existing Conditions Report
 - Jesse Vogl gave a brief overview of existing conditions of drive aisles, sidewalks, landscape buffers, parking, traffic volumes, crash data, pedestrian and bicycle services
 - Parking utilization was very low other than near school and Crane Street
 - Traffic volumes low – not a lot of vehicle delay at intersections
 - Average speed of 25mph
 - Why does it feel like people are driving so fast?
 - Pedestrian relationship to vehicular zones
 - Pedestrian LOS does not take condition or experience of SW into consideration
 - Bicycle LOS does take conditions into account
 - Crashes – mostly occur at intersections
 - Side swipe crashes – more on-street parking
 - Crane and Main Pedestrian Intersections had 3 pedestrian crashes
 - Dips after bridge – Strong Street, horrible visibility, race strip at bridge
 - Must consider perpendicular conditions too – lots of people cross from one side to the other
 - Understanding the route people are taking and behaviors between seasons
 - Data time frame – past 5 years of data
 - Kristin remembers a statistic 40% of people don't own a vehicle. **How do we explore that and how does it relate to parking needs?**
- Design Parameters
 - 4 primary conditions
 - Intersection at Crane and Main
 - Main Avenue
 - Bridge
 - Craig Street

- Odd parking at both sides with alternating parking 1am-6am
- Can park on both sides otherwise
- Chief Falvo did not know the reasoning
- Craig Street Block 1 Cross-Section
 - Big development on Albany Street. How will this be coordinated with that
 - Parking on both sides – under utilized
 - Destinations (Schools) on east side
 - Proposed:
 - Keep on-street parking on west side
 - Keep center line the same
 - **Kim to add east and west to cross sections**
 - Will never be enough room for consistent bike lanes on both sides of the street
 - Shared use multi-purpose path may be best opportunity
 - Utility poles are an obstacle – path to split into two-way 4 ft paths that go around utility poles then revert back to 8' path in between poles
 - Can we move poles? **This should be further discussed with City Engineer.**
 - Parking on both sides may not be necessary from Albany Street, past bridge to school.
 - Main Ave very narrow
 - Not many houses front on Craig Street
 - 10.5' drive lanes for CDTA bus needs
 - Without eliminating one lane of parking, the solutions available are greatly limited.



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STAKEHOLDER DISCUSSIONS

PROJECT :: **CRAIG – MAIN COMPLETE STREETS** SCHENECTADY, NEW YORK

MEETING DATE & TIME :: May 02, 2019 6:30 PM

MEETING LOCATION :: Electric City Barn, Craig Street Schenectady, NY

In Attendance (Approximately 35, with 28 signing in):

Name	Agency or Affiliation	Email and Phone
Jacob Beeman	CDTA	Jbeeman@cdtcmpo.org
Cecil Belmar	Beyond Home Improvement	Cbelmar518@gmail.com 518-435-5254
Ebony Belmar	BDO/WGOG/SCSO	belmare@schenectady.k12.ny.us
Kerry Bennett	KN Bennett Electrical	KNBennettelectrical@gmail.com 516-567-5822
Kenneth Brooks	Community Father's	518-881-5555
Kimberly Case	PLACE Alliance	kcase@placealliance.com 315-729-9102
Nicholas Demitraszek	Assemblyman Santabarbara	518-775-6984
Kristin Diotte	City of Schenectady	kdiotte@schenectadyny.gov 518-382-5149
M. Gilmore	HHC	N/A
John E. Howard	Tri City Pro Home Inspections	Johnhoward_34@yahoo.com
Erin Hundley	Red Door Beauty Studio	reddoorbeautyllc@gmail.com
Jessica Hunter	ECB/HHAC	Jessicahunter24@gmail.com

Margaret Irving	River Street Planning & Development	mirwin@riverstreet.org
Marva Isaacs	Hamilton HHNA	518-728-8419
Omar McGill	EPIC, Inc. NAACP Branch 2175	o.mcgill90@gmail.com naacp2175@gmail.com 518-776-9901
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Marion Porterfield	Resident / HHNA	Marion.porterfield@gmail.com
Christine Primiano	City Planning	cprimiano@schenectadyny.gov
Asia Priest	Community Father's / Ketchup Enterprise	Asia.priest@lorrainemade.com
Rosa Rivera	Miracle on Craig Street	518-948-3385
Sheila Rivera	Miracle on Craig Street	578-253-8281
Walter Simpkins	Community Fathers Inc.	Communityfathersinc@gmail.com
Matt Smith	City of Schenectady	msmith@schenectadyny.gov 518-382-5199 ext. 5393
Mary Moore Wallinger	LandArt Studio	mmwallinger@landartstudiony.com 518-952-0531
Tiffany Wilson	HHAC	Tiffanywlee@gmail.com 518-410-9297
Dianne Workman	Resident	Dmaridwork847@gmail.com 518-935-0071

Meeting Summary of Discussion

- **Kristin Diotte** introduced the project, clarified the study area and introduced the Mayor. She clarified that the funding source for the study is CDTC and introduced Jacob. How do we make Craig/Main more bikeable, walkable and drivable safely to foster quality development? People who live here know best.
- **Mayor McCarthy** welcomed people and reaffirmed the importance of neighborhood involvement to help the City determine next steps. City is applying for funding.
- **Mary Moore Wallinger** presented the introductory slides, reviewed goals, and reviewed the study area, discussed opportunities and constraints. She highlighted that the turnout and support for the Bike Fest played a large role in helping to solicit funding for this study and identifying the corridor as an important neighborhood project.
- **Kim Case and Mary Moore** reviewed complete streets as a design approach to improve Craig-Main corridor so that it is a balanced and safe experience for motorists, pedestrians, bicyclists, and transit riders. Kim reviewed challenges, opportunities, and tradeoffs including the DOT bridge, varying road widths, on-street parking, vacant parcels, etc. Kristin commented on the fact that different people will have different priorities, for example, if you have a car, on-street parking may be important to you, while people who do not own cars may be more concerned with where transit stops are or would prefer wider sidewalks with less parking. Discussed existing conditions, tradeoffs, technical studies, where we are in the process.
- **Johan Matthews** discussed some of the community engagement activities. Welcomed people to add to the list of stakeholders, survey, curbside conversations to uncover community insight to inform the design. It's an "insurance policy" to make sure you get what you feel is in the best interest of the neighborhood. Focusing on kids makes sure we are planning for the future of the community, not replacing the community. Described the Great Schenectady Treasure Hunt and upcoming workshop with the Working Group on Girls. Uncovered insights: what route do you take? What routes do you choose so that you feel safer? Do you feel connected to the community?
- **Mary Moore** discussed the launch party and asked how we can engage the community and encourage participation?
 - Reach out to the people everybody knows.
 - Develop a "host team" to reach out to their networks.
 - Mary Moore welcomed ideas for people to add to the SAC.
 - Provide food!
 - Mont Pleasant School students -can go to the district website and ask the district to approve sending material
 - Teen night on May 11th
 - Some kind of reward for the kids – gift card? Sends message that their input has actual "value".
 - Mental Health Fair at Mont Pleasant Middle School on Monday
 - Are there local social media sources that we could piggy back with? Consider reaching out to the high school.
 - Planned Parenthood also has groups at the high school
 - Get to the pastors
 - Put flyers at apartment complexes
 - What is the study area? Decided not to start with a boundary? See who is participating and who is moving through the area.

- Send flyers by direct mail.
- Steinmetz career center/culinary arts program
- Male achievers' program

Community Input

Arts and Culture – how can it add to the community

- Art center – adding sculpture and murals across the street from the center – adding green space
- C.R.E.A.T.E. Studio is planning some murals
- Something for traffic calming.
- 3D painting in the crosswalk ... variety of ways to use painting for traffic calming
- Bridge half way through makes this a main highway. Craig is so wide and could be narrowed if sidewalks were good. The street has potholes and the sidewalks are in poor condition. People can't teach their kids to ride a bike except in the road. Cars zig and zag at the last minute to miss potholes and drive unpredictably and are not looking out for kids.
- Wiley Street is dark – poorly lit.
- What if trash receptacles were art?
- Where does art fall in the priority list? Are sidewalks, streets and lighting more important? Art becomes a higher priority if it contributes to safety and a sense of security.
- Photo of green space between Education Drive and the Craig Street bridge was in the PPT should be an art park space. Less than 5 blocks from school.
- Child thought bridge was scary because you were so high in the air with fast traffic underneath
- Art needs to be updated – follow trends kids are interested in.
- Sidewalk painting
- Flags (banners on lights) that mean something to the neighborhood. Give people a feeling of the 21st century. That they are moving into a luxurious place.
- Sidewalk that are thermal?
- Artistic Lamp Posts – can we have festive lights?
- Nice neighborhoods - will see islands of flowers, green medians...
- Mary Moore talked about trees contributing to keeping the neighborhood cool during the summer, improving air quality, and calming traffic.
- Consider flowering trees. Retree Schenectady is a good partner.

Erin - Red Door Beauty Studio - Business Development

- What do you buy at the corner store? Chips, food that is out of date. No greens, no fruits, or meats. Overpriced daily goods (ex: laundry detergent)
- Where do you go to shop? Without a car, have to go to multiple places especially if you are looking for sales.
- Need a grocery store, co-op
- Would like veggie mobile? Could it come more often? People are sometimes not prepared to buy when it shows up
- Family Dollar agreed to do the Healthy Convenience Stores Initiative through Capital Roots but did not do it. Can it be required?
- Someone proposed a farmer's market in the neighborhood.

- Large base of nonprofits. Should locally source their food. They go to the food pantry. Money comes through the community but does not stay in the community. Incentives to get people to eat in the restaurants.
- Corner Albany and Hewlett - What businesses would you like to see?
- Need to encourage stores that will sell laundry detergent, milk, bread...
- People are afraid not just of falling on sidewalks but of being hurt by the people who are hanging out.
- Businesses that are in operation need help with minor repairs – story of business with leaky roof.
- Transportation is a barrier. There are not enough buses and they are not scheduled frequently enough. People leave really early and run out of work to catch the bus. Often people will need to take the bus as well as walk far to finally get to destination due to bus route limitations. Limits job options.
- Need to reach agreement with the whole community. Elderly people don't use social media. Are not doing enough to reach them.
- We need to solve our own problems. We are the most self-reliant people there are. We need to solve our own problems and not talk about who we are dependent upon. We need to fix our own problems.
- What resources exist to support people who want to support businesses in the neighborhood? Hard to tell who owns properties you might want to buy or rent. Don't see enough minority-owned businesses. Could there be a tenant fair?
- There needs to be a call to action. Like Enjoy Troy. Need a place where you can look at what may be available to rent and own.
- On the City website there is a listing of businesses. Can there be a listing of minority and woman owned businesses on the City's website?
- Some people are not selling property they own - waiting on gentrification.
- We all need to be urban planners. We need to take charge.
- We need a job corps type center. Train people for a whole variety of trades.
- Story of the young electrician not being able to find a shop location. If young people want to start a business, it should be easy.
- Too many nonprofits. Not enough real jobs.

Housing and Redevelopment

- Seems like there is a lot going on in Troy and Albany but not in Schenectady?
- What could land bank do? Has been focused on Eastern Avenue to have a concentrated impact. City will be able to address other corridors.
- Nepotism and Cronyism – if you are not connected. Grants are available but the same group of organizations get them all the time before the smaller neighborhood groups even hear about them.
- Can community have more control over who is hired to do major projects? Seems like the same people get hired all the time.
- Local sourcing of hiring.
- What would make you live in the neighborhoods? Taxes are too high. Don't buy or stay renters.
- In Schenectady, the taxes are higher, but you can get more house for your money and are able to pay the house off faster.
- Land bank is trying to hire locally even if its more work, costs a little more or takes a little longer.

Youth – Ebony Belmar – Social Worker at Mont Pleasant

- They need a great education to compete. Adults need to advocate for kids. Not getting the quality of education they deserve and can't start businesses to compete.
- People should be able to walk in their own neighborhood.
- Don't tell us what kids are doing. What would you like to see young people doing?

- Hanging out in green space – kids are not going, on social media and inside all the time, need a reason for kids to go outside and socialize
- Mixed age – knowing about senior stories. Take it to the past and take it to the future
- We want them to be comfortable learning new things.
- Need a meeting space. No where outside where you can just go and be comfortable. Nowhere to look around.
- City has grants for Orchard Park and Jerry Burrell Park – so that is coming out and if people want to be part of that they should let the City know.
- Consider space next to Family Dollar
- Outside movies
- Could get businesses to take turns sponsoring a movie.
- Get different age groups to give input.
- Stop littering. Kids do neighborhood clean up and pick up trash. Rake leaves in front of the school. Church group went to Central Park and cleaned up and felt good about it.
- Mary Moore – How to get young people to come to charrette party?
- Kids want to be involved. They want to be asked. They want to be seen. Need to acknowledge that young people's opinions matter.
- Snapchat is how you talk to kids. Set up a hashtag and filter so that kids can send images from the event, Use Facebook and Instagram because you can show where you are and encourage other people to come.



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RIVER STREET
PLANNING & DEVELOPMENT



STAKEHOLDER DISCUSSIONS

PROJECT :: **CRAIG – MAIN COMPLETE STREETS** SCHENECTADY, NEW YORK

MEETING DATE & TIME :: May 08, 2019 9:00 AM

MEETING LOCATION :: Mont Pleasant Library, Crane Street Schenectady, NY

In Attendance (Approximately 35, with 29 signing in):

Name	Agency or Affiliation	Email and Phone
Kerry Bennett	KN Bennett Electrical	KNBennettelectrical@gmail.com 516-567-5822
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Kimberly Case	PLACE Alliance	kcase@placealliance.com 315-729-9102
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Carrie Ward	CDTC	cward@cdtcmpo.org 518-458-2161

Meeting Summary of Discussion

INTRODUCTION

- Kristin welcomed people and described the project goals, funding and process to date.
- Participants introduced themselves and included: CDTC, Center For Independence, Boys and Girls Club, Community Builders (three people), Schenectady Community Action Agency, City School District Pleasant Valley Family Liaison, Mount Pleasant Neighborhood Association, Community Foundation, Capital Roots, County Engineering, Egan's Alteration and Local Business Group, Mont Pleasant Branch Library Director, Cope House, Matt Smith, Sylvia Jimison, Proctors, Metroplex/Land Trust, Safe Inc, Creative Community Studios... (some participants joined after the introductions and may not be included in this list)
- Team: Mary Moore Wallinger, Margaret Irwin, Mike Fredericks, Kim Case, Johan Matthews
- City Staff: Kristin Diotte, Matt Smith, Sylvia Jimison, Christine Primiano

PRESENTATION

- Mary Moore Wallinger was primary presenter of the revised PPT
 - Kim discussed complete streets and design approach
 - Mary Moore discussed design parameters
 - Kim discussed project status and approach to existing conditions and technical studies (crash data, levels of service all modes, zoning, etc.) as well as community engagement. Kristin noted that involvement of community members and leaders are critical to this project. Stressed charrette outline.
 - Johan discussed direct community outreach – goal is to identify needs and issues like access, security, engaging residents, engage youth, by survey, website, intercept and longer form survey, curbside conversations, two focus groups... Launch party at Electric City Barn on May 20th, 2019 and three-day charrette.
 - Johan described Mutual Design which collaborates with leaders to engage communities to identify initiatives that can be implemented locally to bring equitable change and create the “happily ever after” people want.
 - Identify ideas to empower the community: Asked people to note ideas on the back of the survey they have at the table

COMMUNITY PARTICIPATION

Art and Culture

- Kristin identified the goal of the art and culture. What role can it play to make better connections? What does arts and culture mean? Where does art and creativity come in in that experience? Especially for youth

- Participation in bench and mural project – Schenectady & Me has the goal of including pieces in all neighborhoods and is looking for partners.
- Community art makes a connection. Give kids disposable cameras, create family crests, put art on boarded up buildings. Seeing what youth value. What is the sentiment in the community? Create spaces that enable that to grow.
- Creating art is a collective experience. Kids in group who don't know each other. By the end when people finish art – people are friends at the end. Proud of their work. Creates relationships. Breaks down barriers.
- People want to see bright colors, flowers and no trash
- Artists are not afraid to do the big step that people are afraid to do. Consider the High Line – people could not have seen. Thriving Neighborhood Challenge get lots of public art ideas. Little, bright spot and hope
- Phoenix Walks project - land across from the Hamilton Hill Arts Center (HHAC) will be sculpture garden representing neighborhood history – there are emotional connections and hope
- Education Program – Proctors - Arts is a dignifying experience and helps them to see that adults are respectful. Mural. Communities where arts are “infective” and you see it everywhere - feels more welcoming.
- Need to celebrate the history of experience.
- Open design competitions. Consider mesh that goes on buildings? Maybe on the bridge?
- Arts enriches and enlightens.
- Making it approachable. People feel like they can't do it. Break down bigger projects. Tile project – each person is joined together – take a little bit of everyone.
- Kristin – are there specific spaces of potential: bridge, Community Builders at 734 Stanley Street will include a pocket park. TCB is open to having art installations there. Comonzo dry cleaner and yellow building across the street. Could be place for wayfinding.
- What does better access look like?
 - Craig Street is a blank canvas.
 - Make it softer – less vehicle focused.
 - Bike demo fest had high level of participation. Lots of very little kids. They are “all of our kids”. Right now, sidewalks are so bad you walk looking down rather than around or at people.
 - Maybe garden where kids can pick berries or vegetable. Edible streetscapes?
 - Electric City Barn does jam making.
 - Food insufficiency is an issue. People leave neighborhood to buy groceries. Travel a distance to laundromat.
 - Creative crosswalks like in Troy
 - What could happen in the winter? Snow removal? Issue at the bridge.
 - Food bags at the high school – kids say it's not enough food. School district does weekly bags.
 - “Orchard Park” is not an orchard...
 - Branding, wayfinding, etc... have to live up to message... don't say welcome to “safe corridor” if it's not and people just laugh about. Eastern parkway “award winning island” actually looks awful.
- **Youth Programs** - William Rivas, C.O.C.O.A. House, Save Our Streets
 - Vision to help kids is great. William did all kinds of negative things in the neighborhood and sees value of a different opportunity. Miracle on Crane Street. Kids are pure. Innocent: they will always find a snack, make a friend and create a game – but there are very few places. Outsiders - people who don't look like me don't care about me. Takes time, staying long enough will establish credibility. Treasure Hunt was great. Working with kids helps adults put away prejudices. Were not concerned about safety. Having choices and variety and opportunity of programs.
 - How do we connect use to the environment?

- Had focus group with 150 kids (boys and girls club) – they wanted radio station, game room, theater program. Teen Center – really big
- Kids are looking for their own sense of place. Don't want to be with little kids.
- Young woman whose grandmother was on welfare. Kids are thought to be careful not from hate but from safety. They are scared. Working from love is critical. Kids "walls" are so they can live. It's traumatizing.
- Safe Harbor case manager – human trafficking – in gangs and by parents. Putting kids out for abuse because they need money. Abusers say "I will protect you if you do... for me." ACES training. KIDS ARE TRAUMATIZED and need ways to deal with that. Every program can't offer the same thing.
- Schenectady Community Foundation Youth Summit. And focus groups - what does community look like? Answer was "love" and "safe places" and jobs for older kids.
- Kids face crisis situations. Flee domestic violence.
- Kids know about all the bad stuff. Safe places. Brave space – space where they can take chances and learn something.
- Bridge and education drive is a cut through? "Dead Man's Path"... Is it safer? Is it shorter? Can some be used for gardens? Growing food?
- Hire kids for summer work on these spaces to be created
- Soul Fire Farm is a back owned farm – they would deliver to the neighborhood – Cheryl from Schenectady Greenmarket is a good partner
- Walking to safe spaces. What if we could give bikes? Look at Troy Bike rescue. Work with bigger businesses to use build a bike as part of human resource.
- Local Leaders are gatekeepers.
- Youth comment – you need to reach out and make it more interesting than our other options:
- **Business Promotion & Development**
 - The need for access to better foods
 - Corner stores and Family Dollar aren't grocery stores
 - No real access to vegetables, fruits, etc.
 - Food initiatives have to be sustainable
 - Grocery store not sustainable for this area
 - Food trucks, delivery service, pop up grocers, etc. could be more sustainable
 - Need some sort of accountability from potential business or programs, can't come in then pull out a few years later
 - Need to have ways for the community to help build these businesses and take these programs over once they're started
 - Businesses built with and for the community, owned by community members, feel authentic and not like a volunteer gimmick
 - Sustainability, accountability, and authenticity were the key words thrown out during the discussion
 - Make new businesses accessible to all members of the public, i.e. handicap access
 - Do they have benches/places to sit and eat out front?
 - Find the fine line between placemaking and areas to loiter
 - Security cameras are important for everyone
 - Illegal activity isn't hindered by cameras, but it would inhibit younger kids who just want to 'raise hell'
 - Safety is key through means of lighting, lines of sight, cameras, and overall activity on the street
 - Programming events in public spaces throughout the summer was an example of how to combat shootings during those months since the streets were packed with loved ones
 - Need to differentiate youth with adolescents
 - Adolescents roughly 16-24 have so much energy, it's on us to keep them out of the bad sorts of activities
 - Have to give them something to do or they'll find something to do

- **Housing and Redevelopment**

- Multi-modal is key for the corridor to get people from housing to downtown and other areas of the City
- A bike path/lane could get a lot of use based on the turnout if the unaccompanied youth at the bike demo had a place to ride
- Need to ensure affordable housing is included so that redevelopment doesn't push current residents out of the community
- Using multi-purpose path to connect to community plots and spaces make for a good pairing
- Lack of housing for larger families (3+ bedrooms), lots of families with 6-8 kids
- More education for landlords in preparing them for renting to families with children (high eviction rates for these populations)
- Need more community policing/positive police engagement – would be good for police to let community know why they are doing so much checking and ground the activity in the notion of working with the neighborhood

REPORT BACK

Arts and culture

- Opportunities for community space
- Unconscious vulnerability in creating art is creating relationships – especially public space
- Dignity in the making of art
- Making art approachable
- Locations: Stanley and Craig Pocket Park, edible streetscape, reclaiming space
- Food is essential – how to bring food to people. How do you promote the businesses that do offer fresh food?
- Food truck
- Kids /people walking dogs
- Security cameras

Housing and Development

- Multi modal transportation
- Bike paths/bike lanes based on bike rodeo there is a lot of participation
- Multi use paths connect spaces
- Lack of housing for larger families
- Education landlords about renting to families
- Affordable housing that does not gentrify
- Community engagement
- Increasing signage helps build awareness of assets

Youth Programs

- Using current great programs
- Involving youth in the conversation – in planning and implementation phase too, not just issue identification
- Trauma kids face
- Safe places/spaces

WRAP UP

Ideas for getting people to launch party.

- Make magnets – and affix to the wall – things that take individual contributions to the overall group

- Blank Canvas
- Community Garden – Could we put banner on fence?
- Identify intersections to do creative crosswalks



Study Advisory Committee #2

PROJECT :: CRAIG – MAIN COMPLETE STREETS SCHENECTADY, NEW YORK

MEETING DATE & TIME :: May 9, 2019 4:00 PM

MEETING LOCATION :: Mont Pleasant Library, 1026 Crane Street Schenectady, NY

In Attendance (Approximately 35, with 28 signing in):

Name	Agency or Affiliation	Email and Phone
Jacob Beeman	CDTC	jbeeman@cdtcmpo.org
Kimberly Case	PLACE Alliance	kcase@placealliance.com 315-729-9102
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Sylvia Jimison	City of Schenectady	sjimison@schenectadyny.gov
Christine Primiano	City Planning	cprimiano@schenectadyny.gov
Patricia Smith	MPNA	mpnaschdy@gmail.com 518-370-2260
Chris Wallin	City of Schenectady	cwallin@schenectadyny.gov

Meeting Summary of Discussion

INTRODUCTION

- The meeting was commenced by individual introductions around the table.
- Mary Moore Wallinger (MM) introduced the agenda for the meeting including: Introducing the community liaison, project status, project schedule, draft existing conditions report, design parameters, public engagement, next steps

PRESENTATION

- MM introduced the group to Johan Matthews as the community liaison. Matthews was not in attendance so MM described his background with his company Mutual Design, his overall roles in the project, and work he's done thus far including facilitating stakeholder discussions and photo surveying.
- MM gave a brief background of the project status including the technical work completed to date. Jacob Beeman of CDTC stated that bicycle data would be completed in the following week due to weather conditions.
- MM briefed the group on the public outreach and engagement efforts completed and planned, including the launch of the website, stakeholder discussions, flyers and surveys.
- MM reviewed the schedule. For the curbside conversations, Johan Matthews and possibly other figures in the community she hoped would join her so people were more familiar and would be more inclined to join in conversation.
- MM described the multi-day charrette beginning with the launch party of May 20th, Open House May 22nd, and final presentation May 23rd, and urged SAC members to participate and encourage others to attend.
- Kim Case(KC) reviewed the draft existing conditions report section of the presentation.
- KC noted that the road widths vary from Albany Street to Crane, that parking utilization was low and that sidewalk conditions vary greatly.
- The SAC wondered if the low parking utilization was due to low car ownership in the area.
- KC noted that blocks with increased parking utilization seemed to correlate with houses that front on Craig Street.
- KC reviewed multimodal characteristics analyzed during Creighton Manning's(CME) inventory. She stated that although average speeds were generally low, it feels fast due to the poor pedestrian environment.
- KC stated that 85% of crashes occurred at intersections.
- Damonni Farley asked if CME's analysis of dangerous intersections correlated with survey results.
- KC stated that a large quantity of accidents occurred at the main commercial intersections at Crane and Albany Streets, that the design team had heard from the public the intersections on either side of the bridge caused blind spots due to quick elevation change
- KC presented the draft purpose & needs statement, and invited the SAC to provide input, although the comment period was closed.
- Todd Fabozzi (TF) asked when a good time to present his comments on the overall existing conditions report would be.
- Kristin Diotte invited TF to review his comments.
- TF's comments were as follows:
 - Remove pictures that are not from the study area
 - consolidate the two study area maps into one
 - consolidate the two "purpose" pages into one

- summarize in one page the key points of the previous studies as they pertain to this study and move the existing “executive summary” extracts to an appendix
- include some analysis of the existing zoning to identify any existing issues
- include some analysis of code compliance issues
- include a tax parcel based land use map and some analysis of what may be key land use issues (such as the location/amount of vacant structures)
- identify/map the location of specific sidewalk/pedestrian conditions
- identify/map the location of the specific bike conflict points/issues
- note how the count at high car crash locations corresponds with accident warrant thresholds for improved signalization
- include recent census data such as household vehicle ownership data
- TF’s review of the document lead to an overall group discussion on the structure of the report. A summary of the comments are as follows:
 - Who is the audience? Funding sources and the community
 - Create a community appropriate sub-report?
 - Make contents community appropriate, and put technical and dense information in the appendix
 - The website and powerpoints are geared toward a community audience and can be supplemented in the report
 - Make sure we continue to avoid a dynamic of “for me, without me”
 - Damonni stated that our strategy for gaining trust and connecting with the community is very successful
 - Provide quotes from people. Information from the survey is more practical and realistic than the technical analysis
 - Be sure to summarize winter conditions
 - People have no other choice but to walk in the streets
 - LOS system is not accurate. The LOS analysis states one thing, when in reality, conditions are far inferior
 - Place a much of the technical noise in the appendix as possible
 - Make the review of existing documents concise. How does this apply to this particular project? 1 page. Place everything else in appendix and provide link to reports.
 - There was some confusion on the CDTA routes on Craig
 - CDTA to possibly bring routes maps to the launch party to gain feedback from users.
 - The overall consensus is that although the CDTC has report standards, that this report should break the mold to provide a document that is useful to the City and readable for the average community member
 - The meeting was concluded with the May 20th Launch Party reminder.



Launch Party

PROJECT :: CRAIG – MAIN COMPLETE STREETS SCHENECTADY, NEW YORK

MEETING DATE & TIME :: Monday May 20th 2019

MEETING LOCATION :: Electric City Barn 400 Craig Street, Schenectady

Meeting Summary of Discussion

In Attendance: (64 Signed in, 200+/- estimated attendance)

Name	Agency or Affiliation	Email and Phone
Kenneth Brooks	Community Fathers	518-881-5555
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Heather Gariepy	N/A	518-776-7618
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Crystal Gonzalez	N/A	N/A
Sylvia Jimison	CDBF Coord.	City of Schenectady
Ferferri Lewis	N/A	

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Vilma Roman		
Brianna Pantoga		
Skyla Mollusom		
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Nytasha		

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Nancy C.		
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Ruben Mejias	Tenant	Rubenmejias1460@yahoo.com

Summary:

Community members were invited to attend the kick off launch party for the Craig-Main Connection Project on May 20th, 2019 at 6:30pm at Electric City Barn in the Hamilton Hill neighborhood in Schenectady, NY. The event boasted free food from Memphis King Barbeque, Ya Ya's House, Sandye's Café, Roy's Caribbean, and Nocturnal Cookies. Music was provided by Schenectady's DJ Ketchup and dance and percussion performances were given by the Hamilton Hill Art's Center. Community members were welcomed by Mayor McCarthy and Kristin Diotte. Community members were encouraged to participate in information gathering for the Craig-Main Connection project and were incentivized through raffle prizes to give their feedback. The design team was assisted by volunteers from the community as facilitators and ambassadors throughout the night. Local organizations in the Mont Pleasant and Hamilton Hill neighborhoods were invited to share information about their initiatives with community members.

Stations:

1. What do you think that empty lot should be?

Community members were asked to give feedback and ideas based on maps highlighting 1.) a City owned parcel called Pleasant Valley Park and 2.) opportunistic empty, vacant, or underutilized City owned and privately owned parcels along Craig Street. Community members were encouraged to give their own ideas, but also voted in the form of 'yes, maybe, or no' on ideas such as basketball courts, skate parks, quiet gathering space, walking paths, splash pads, dog parks, or sculpture parks for the park. The vacant parcels along Craig Street included voting 'yes, maybe, or no' on 1-2 family homes, larger family homes, community services, public green space, neighborhood gathering plazas, living amenities, access to fresh food, and sheltered bus stops.

Findings & Notes (Park):

- Of the ideas provided to the public to vote yes, maybe, or no on (basketball courts, skate parks, quiet gathering space, walking paths, splash pads, dog parks, or sculpture parks) all were desired.
- Basketball courts were removed by construction of the new Boys and Girls Club
- Access from bridge to Boys and Girls Club and schools
- BMX and Skate parks are becoming increasingly popular, kids ride in the streets now, which is dangerous
- Play spaces for kids of all ages
- Quieter areas for sitting

Findings & Notes (Craig Street Gaps):

- Of the ideas provided to the public to vote yes, maybe, or no on (on 1-2 family homes, larger family homes, community services, public green space, neighborhood gathering plazas, living amenities, access to fresh food, and sheltered bus stops) all were desired.
- Community urban garden with perennial hubs and fruit trees
- Disability Center and Resource Center
- Have to travel across town for any resources, services, or amenities

2. Craig Street – More Sidewalk or More Parking?

Participants reviewed potential streetscape applications including a separated multipurpose path with on-street parking on a single side, a shared multipurpose sidewalk with on-street parking on a single side, an expanded pedestrian sidewalk with on-street parking on both sides, and a shared multipurpose sidewalk with on-street parking on both sides. Participants reviewed the positives of each option and the trade-off's of each option and rated their preference from 1-4. 1 being the top priority, and 4 being the lowest priority.

Findings & Notes:

- Safer and wider sidewalks – safer to walk to school
- Identify public parking if all on street parking is taken
 - Possible shuttle to other parking lots
- The ability to plow walking paths will be very important
- Wide sidewalks are important for elders to feel safe
- Covered bus shelters are important for the many people who rely on public transportation
- Provide safe areas for kids to bike
- Parking would be great on both sides between Emmett and Albany streets because of bus stop

3. Intersections – Safer Connections

Community members were informed on the types of design implementations that would improve the safety of their intersections. All intersections along the Craig-Main Corridor were discussed, with a focused study on the Crane, Chrysler, and Main Ave intersection.

Findings & Notes:

- Building next to Family Dollar on Crane Street to be demolished
- Need for public parking
- Relocate bank parking
- Crane Street intersection is dangerous for pedestrians
- 6th Street 'hottest' street in Schenectady
- Crossing distances are long
- Many people use Crane Street commercial area for services and amenities, but it is lacking critical uses.
- Street trees would make the walking experience feel safer, and the vehicle traffic quieter
- Excess pavement caused by convergence of 4 streets is overwhelming for a pedestrian, and unclear for a driver
- Infill opportunities on the Crane Street commercial hub could include public green space, gathering plazas, community services, access to fresh food, living amenities, sheltered bus stops
- Medical Center, urgent care, pharmacy is needed in this area

4. Community Art – What Story do you Want your Neighborhood to Tell?

C.R.E.A.T.E Studio's led an art activity that encouraged participants to create a piece that reflected how they wished their streetscape to be. Participants were asked how community art could be incorporated and where.

Findings & Notes:

- Community art is desired in the community
- Location at bridge
- Painted intersections
- Form of empowerment, pride, and ownership
- Low-hanging fruit for neighborhood improvement

Study Advisory Committee Meeting #3

PROJECT :: **CRAIG – MAIN COMPLETE STREETS** SCHENECTADY, NEW YORK

MEETING DATE & TIME :: Tuesday May 21st 2019

MEETING LOCATION :: Electric City Barn 400 Craig Street Schenectady, NY

Meeting Summary of Discussion

In Attendance:

Name	Agency or Affiliation	Email and Phone
Kimberly Case	PLACE Alliance	kcase@placealliance.com 315-729-9102
Kristin Diotte	City of Schenectady	kdiotte@schenectadyny.gov 518-382-5149
Todd Fabozzi	Capital District Regional Planning Com.	Todd@cdrpc.org
Ian Law	PLACE Alliance	518-344-4694 ilaw@placealliance.com
David Hogenkamp	Metroplex	dhogenkamp@schenectadymetroplex.org
Brent Irving	CDTA	brenti@cdta.org
Michael Frederick	PLACE Alliance	518-344-4694 mfrederick@placealliance.com
Sylvia Jimison	CDBF Coord.	City of Schenectady
Sharon Jordan	Schenectady Public Library	Sjordan10@nycap.rr.com
Christine Primiano	City Planning	cprimiano@schenectadyny.gov
Matt Smith	City of Schenectady	msmith@schenectadyny.gov 518-382-5199 ext. 5393

Mary Moore Wallinger	LAndArt Studio	mmwallinger@landartstudiony.com 518-952-0531
Chris Wallin	City of Schenectady	cwallin@schenectadyny.gov 518-382-5082
Johan Matthews	Mutual Design	johan@mutualdesign.co
Jesse Vogl	Creighton Manning Engineers	jvogl@cmellp.com
Jacob Beeman	CDTC	jbeeman@cdtcmpo.org

Summary:

The project team including; PLACE Alliance, LAndArt Studio, and Creighton Manning; representatives from the City, the Study Advisory Committee, and representatives from the CDTC met the morning after the launch party to reflect on the success, finding, and direction of the Craig-Main Connection. Overall, the SAC, City, and design team agreed that the launch party was successful, that useful information was gathered, trust was built, and that the community felt heard.

Notes:

- There was a lot of litter outside from the party
 - Reinforces the need for trash cans and a shift in community mindset
- Many 'yes' votes on boards
 - People were happy to be a part of the process
- The process will help to build trust within the community
- Food, fun, and feedback – people in these communities are not used to being asked either ideas and opinions
- Projects will need to be prioritized based on feedback
- The youth of Hamilton Hill and Mont Pleasant has been very involved and happy to be involved
- Inspire career paths in the youth
- Low hanging fruit – benches, trash cans, community art, banners, creative crosswalks, etc. to keep trust and momentum in community
- Identify low hanging fruit projects at Pleasant Valley Park
 - Walking paths
 - Quiet gathering spaces
 - Identify master plan and phase from there
- Craig Street Trade-Off's
 - Develop a hybrid of separated bike path, utilize gaps, and extra space from bump outs for public spaces and bus shelters
 - Encourages community to be able to bike more than they currently do
 - Bike path model would be the first in Schenectady in this community
 - Bike Path and Sidewalk separated by raised curb, or at the same elevation?
 - Ease of plowing and maintenance
 - Reality of maintenance and disinvestment
 - Bike path could be plowed to become walking path
 - MUTCD paint

- Expensive
 - Regular paint fades too fast
- Cars can get confused by a 8' bike path – need distinction
- Minneapolis is a good case study city to explore
- Who maintains landscape buffers?
 - Stakeholders, organizations to help maintain and promote investment back into the neighborhoods, build sense of ownership & pride
- Identify and inventory city owned parcels
- Code Sweeps – it does not work in all neighborhoods
 - What are alternatives?
 - Trash cleanup days
 - Housing partners
 - Less/different penalties
 - Assistance versus penalty
 - Misconception of property improvements and maintenance leading to raised taxes
 - Connect the interest of the homeowner with that of the resident
 - SCAP, landbank, etc
 - Neighborhood associations to give warnings before calling the City
- Brand the Corridor
 - Name it, cohesive design elements that give a sense of place and entrance
 - Story to be told
- Positive Police presence
 - Uniform and trucks are all blacked out and uninviting
 - Does not say, 'I'm here to help'

Open House

PROJECT :: **CRAIG – MAIN COMPLETE STREETS** SCHENECTADY, NEW YORK

MEETING DATE & TIME :: Wednesday May 22nd 2019

MEETING LOCATION :: C.O.C.O.A House 69 Stanley Street Schenectady, NY

Meeting Summary of Discussion

In Attendance: (14 Signed listed, 30+/- estimated)

Name	Agency or Affiliation	Email and Phone
Kimberly Case	PLACE Alliance	kcase@placealliance.com 315-729-9102
Kristin Diotte	City of Schenectady	kdiotte@schenectadyny.gov 518-382-5149
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Christine Primiano	City Planning	cprimiano@schenectadyny.gov
Mary Moore Wallinger	LAndArt Studio	mmwallinger@landartstudiony.com 518-952-0531
Chris Wallin	City of Schenectady	cwallin@schenectadyny.gov 518-382-5082
Kandasammy		ramsammy@yahoo.com
Oscar Bogan	Public Artist Art Teacher	bogranproduction@gmail.com
Dante Watts	TA for SCSD	Wattsdante610@gmail.com
Diamond		518-641-9703

Glenda Lee		518-878-0549 Mtpockets622@yahoo.com
Carvel Griffin	518-379-6949	Carvel.griffin@gmail.com
Joseph A. Bell	518-930-1443	

Summary:

The open house was located at the C.O.C.O.A House on Hamilton Hill, a very loved and safe space for the youth in the area. Community members were invited to come and give feedback on progress made since the launch party. Progress was broken out into 4 stations:

Stations:

1. Proposed Craig Street Improvements

The design team proposed narrowing drive aisle lanes to 10.5', with an 8' on-street parking lane on the west side of Craig Street, a 5' minimum landscape buffer street with street trees, an 8' separated, two-way bicycle path at roadway level, a 2.5' utility strip housing bollards and trash receptacles, with a 4' minimum pedestrian sidewalk. Expanded sidewalk with street trees on the west side of the street would provide a wide, safe pedestrian experience. Intersection bump-outs delineating on-street parking would decrease crossing distances, slow traffic, and provide increased space for side amenities and bus shelters. Due to the first block from Albany Street being too narrow to accommodate bicycle amenities, on-street parking on both sides of the street with improved sidewalks with street trees and gateway signage is proposed. The Craig Street improvements connect from Emmett Street to Pleasant Valley School. Sheltered bus stops are proposed at Electric City Barn, at Emmett Street to replace excess parking lot pavement with a sheltered bus plaza, and at Delamont Ave. A pocket park is proposed at the western corner of Stanley Street and Craig Street providing an open and visible seating space. A corner park on the eastern corner of Lincoln Ave and Craig Street is proposed to work in hand with the Carver Community Center, should it reopen. A City owned parcel at the western corner of Strong Street is positioned across from existing community gardens. A proposed Foraging pocket park with fruit trees, an edible landscape plan, and cut flowers is proposed to serve as a community gateway working with the community gardens. An open and visible seating plaza and a neighborhood splash pad are proposed. An opportunity for housing infill is proposed on the block between Lincoln and Duane Ave on the west side of the street, and 4 infill opportunities on the west side of the street between Duane Ave and Strong Street.

Notes & Feedback:

- Maintenance and care of foraging park should be considered, but loved the idea
- Bus Stops work in pairs, and must be at intersections
- Sheltered bus stops would make a huge difference
- Pleasant Valley and MLK to both display art on Bridge

2. Main Ave Trade-Offs

Main Ave presents a heavier challenge in accommodating bicycle infrastructure because of this already narrow distance from back of sidewalks. The project team explored what it would take to extend the bicycle connections proposed on Craig Street into Mont Pleasant and to Crane Street. Main Street at its narrowing is only 26' from edge of pavement's. With 10.5' drive aisles, that would provide only 5' for one-sided on-street parking. The minimum is 7', 8' being more appropriate on snow-prone regions. Currently in its existing condition, on-street parking should not be allowed until the block between Forest Road and Holland Road. The first concept would convert Main Ave into a one-way heading toward to DOT bridge from Crane Street to Forest Road. This would provide enough space for an 11' drive aisle, but would eliminate parking until Holland Road. A paved utility buffer with bollards, an 8' bicycle path, and separated sidewalk would be connect the Craig Street Bicycle/Pedestrian path to Crane Street. Given the loss of all on-street parking, in order to accommodate the Craig-Main Connection, the design team explore another option. The second exploration studied Forest Road for its wider nature. The proposed concept would convert both Main Ave(in order to preserve legal on-street parking) and Forest Road into one-way's. Forest Road would lose on-street parking on one of its sides in order to accommodate an 8' bicycle lane, sidewalks, and landscape buffer with Street Trees.

Notes & Feedback:

- Forest Ave has more houses fronting the Street than Main Ave
- More owner-occupied houses on Forest Road, more renters on Main Ave
- Mont Pleasant may not be ready for this bicycle path – need more jobs in the neighborhood to bike to. Most people without a car take the bus because most of the jobs they are going to are not in the immediate area.
- Implement Craig Street first to use as an incentive for Mont Pleasant residents to want to give up parking in order to have the corridor connect to them
- Must study how the school traffic would impact traffic
- Converting both streets to one-ways would allow circulation to work together
- Short blocks in between Forest Road and Main Ave would make circling the block very easy
- It would help improve Crane Ave intersection and Forest Road intersection

3. Proposed Pleasant Valley Park Plan

Currently, the city owned parcel known as Pleasant Valley Park is used as a parking lot, construction storage, and snow storage in the winter. With information gathered from the community, the project team proposed a park plan with a bmx/skate park designed to look and function like a seating plaza while not in use, a basketball court, connection to the bike path, connections to schools and the Boys and Girls Club, a picnic park structure, workout station, entry arches, art wall with rotating local muralists, and parallel and pull-in parking spots along Education Drive.

Notes & Feedback:

- Incorporate fencing around basketball courts to dissuade skaters or bicyclists from riding on the courts (happens during games a lot)
- Four-sided court preferred
- Passive open lawn space for Cricket, lacrosse, etc
- Coordinate with school arts department for public arts
- Stanley eastbound toward MLK
- Park needed in walking distance from MLK Elementary with splash pad

- Splash Pad or water park area
- Local kids getting into BMX groups and need a safer place to rider
- Park amenities for the older kids as well

4. Proposed Crane Street/Main Ave Intersection Improvements

The Crane Street commercial hub suffers from poor pedestrian conditions such as long crossing distances, excess pavement, lack of defensible space, gaps in the urban fabric, high traffic volumes, and the hectic convergence of four roads. The design team proposed to reduce the amount of excess pavement by extending the point between Chrysler and Crane and limiting the turns from Crane to Chrysler and Chrysler to Crane. This will provide a crossing reprieve. Bumpouts will also reduce the crossing distances, making for a safer pedestrian experience. The concept proposed to table the intersection with a different material alerting vehicles to reduce speeds and increasing alertness. Proposed infill development will fill the gaps between storefront along Crane Ave. Public and commercial parking lots will fill the back of the storefront and provide strong, lit pedestrian connections to the front of the businesses. The existing parking on the corner of Main Ave and Chrysler Ave will be relocated to the parking lots behind Crane Street and be converted into a pocket park with a unique sheltered bus stop.

Notes & Feedback:

- Great opportunities for public art
- Safer crossing is very important
- Currently very overwhelming to approach the intersection as a pedestrian

Final Charrette Presentation

PROJECT :: **CRAIG – MAIN COMPLETE STREETS** SCHENECTADY, NEW YORK

MEETING DATE & TIME :: Thursday May 23rd 2019

MEETING LOCATION :: Friendship House 966 State Street Schenectady, NY

Meeting Summary of Discussion

In Attendance: (19 listed, 25+/- estimated)

Name	Agency or Affiliation	Email and Phone
Kimberly Case	PLACE Alliance	kcase@placealliance.com 315-729-9102
Kristin Diotte	City of Schenectady	kdiotte@schenectadyny.gov 518-382-5149
Cynthia Farmer	Resident	Cffarmer47@yahoo.com
Michael Frederick	PLACE Alliance	mfrederick@placealliance.com
Ron Gardner	City of Schenectady	rgardner@schenectadyny.gov
Pastor Hamilton	Friendship Baptist Church	
Erin Hundly	Red Door Beauty Studio	518-605-0114 Reddoorbeautystudiollc@gmail.com
Ian Law	PLACE Alliance	ilaw@placealliance.com
Sylvia Jimison	CDBF Coord.	City of Schenectady
Johan Matthews	Mutual Design	johan@mutualdesign.co
Omar McGill	EPIC Inc. NAACP	518-776-9901 Omcgill90@gmail.com

Asia Priest	Community Fathers Ketchup Enterprises	518-894-2933
Christine Primiano	City Planning	cprimiano@schenectadyny.gov
Nigel Pomey	Phre	518-596-0514
Marion Porterfield	City Council	Marion.porterfield@gmail.com
Westoria Poole	Friendship House	Lwpoole@msn.com
Matt Smith	City of Schenectady	msmith@schenectadyny.gov 518-382-5199 ext. 5393
Mary Moore Wallinger	LANDart Studio	mmwallinger@landartstudiony.com 518-952-0531
Chris Wallin	City of Schenectady	cwallin@schenectadyny.gov 518-382-5082

Introductions:

Kristin Diotte welcomed those in attendance and proposed having one or two more presentation opportunities in different locations for more people to attend.

Mary Moore and Ian Law Presented the following:

- **Project Scope and Goals**
 - Community inspired
 - Links Mont Pleasant, Hamilton Hill, and the community amenities in between
 - Create a more efficient and inviting corridor that balances the needs of all travelers, including pedestrians, cyclists, transit riders, and motorists.
 - Building both a physical and social connection
- **Existing Conditions**
 - Roadway varies greatly
 - Sidewalk conditions inconsistent but overall poor
 - Parking utilization generally low
 - Main Ave – parking on one-side (really not enough room for even that)
 - Craig Street – parking on both sides
 - Highest transit ridership and Crane Street and Emmett Street
 - High sidewalk availability, but poor conditions
 - Higher than expected side swipes on Main Ave (too narrow for parking)
 - Most crashes occur at intersections
- **Design Parameters**

- Corridor separated into 4 focus areas (Craig Street, Bridge, Main Ave, Crane Street Gateway)
- Strategies and trade-offs to accommodate bikeability, walkability, parking, transit, intersection improvements, etc.
- Strategize the urban gaps and improvements of public space
- **Public Engagement**
 - Website
 - Surveys & Survey Results
 - Top repeated comments: better lighting, trash cans, better sidewalks, neighborhood pride
 - 50% drive daily, 40% ride transit occasionally (10% daily), 55% walk daily, 40% ride a bike occasionally (10% daily)
 - 60% rated walking conditions as fair, 40% said poor
 - Stakeholder Focus Group Workshops
 - 2 different locations and times
 - Discussed: youth programming, arts & culture, business promotion & development, housing & redevelopment
 - Working Group on Girls Design Workshop
 - Day long workshop to learn about how design can influence public space and brainstorm about the future of the Craig-Main Connection
 - Curbside Conversations
 - Habitat for Humanity supplied living room furniture, snacks and drinks were provided and passerby's were encouraged to share their stories and ideas
 - 2 different locations and times (Carver Center & Corner of Education Drive & Main Ave)
 - Youth Ambassadors helped to facilitate and disperse flyers
- **Design Charrette**
 - Launch Party
 - Review of sponsors & organizations involved
 - Music, food, fun lead to information gathering
 - Performances by neighborhood groups
 - Incentives to visit project stations to win raffle prizes
 - Review of station information results
 - Open House
 - C.O.C.O.A. House – safe space within community
 - Opportunity for community to view the progress of the project and give feedback before the final reveal
 - Stations: Proposed Craig Street Concept, Proposed Main Ave concepts, Pleasant Valley Park, Proposed Crane Street and Main Ave Intersection Improvements
- **Proposed Concepts – The Big Reveal & final day of the charrette**
 - **Proposed Craig Street Improvements**
 - Reduce drive aisle to 10.5' to slow down traffic
 - Eliminate on-street parking on east side of street
 - 2-way dedicated multipurpose path from Electric City Barn to Pleasant Valley Park/Elementary
 - 4' Landscape buffer with street trees and decorative lighting

- Minimum 4' sidewalk zone
- Enhanced sidewalk zone on west side to include street trees
- Bumpouts at key intersections
 - Shortened pedestrian crossings
 - Site furnishings (benches, trash receptacles, wayfinding signage)
- Protected Multipurpose path and sidewalk across bridge
- Infill opportunities along Craig Street – Filling the gaps
 - Proposed development at Albany Street
 - Pocket parks
 - Affordable housing infill
 - Community orchard
- Reveal included before images, conceptual plan, conceptual section perspectives, concept images, and model views
- **Proposed Craig Street Bridge & Pleasant Valley Park**
 - Safe and direct connection from bridge
 - Pleasant Valley Elementary
 - Boys & Girls Club
 - Mont Pleasant Middle School
 - 4-Court basketball
 - Park shelter for picnics/shade
 - Youth Park
 - Skate Board / Skating, BMX
 - Dancing, Gathering
 - Art wall with mural
 - Pull-up park
 - Landscape buffer between park and vehicular use areas
 - Connection to large open space
 - Reveal included before images, conceptual plan, conceptual section-perspectives, concept images, and model views
- **Proposed Main Ave Trade-Off's**
 - How could the connection be extended from Craig Street to Crane Street – what are the trade-off's and sacrifices? Is it a priority in the community?
 - Option 1: Main Street as one-way
 - Loose all on-street parking
 - Option 2: Main Ave and Forest Road as one-ways
 - Keep parking on Main Ave
 - Loose one-side of parking on Forest Road
 - Reveal included before images, concept diagrams, conceptual section-perspectives, and model views
- **Proposed Crane Street & Main Ave Concept**
 - Infill gaps – mixed use development and pocket park with sheltered bus stops
 - Shorten crossings – bump outs and pedestrian reprieves
 - Raise intersection
 - Reduce excess pavement
 - Provide commercial and public parking

- Limit turning movement from Chrisler to Crane and Crane to Chrisler around gas station parcel
- Reveal included before images, conceptual plan, concept images, and model views

- **Next Steps**

- Design Refinement
- City and Community Partners to begin Installation of Short-Term Goals
- Cost Estimates
- Report Development
- Public Meeting and Comment Period
- Finalize Report
- City Council Adoption
- Funding Applications
- Implementation

Notes & Feedback:

Liked:

- **Craig Street:**
 - Bike path throughout entire project
 - Gateway to community is vital
 - Sheltered bus stop beneficial for all ages/abilities
 - Trash cans would encourage people to litter less, especially since we are improving walkability
 - Thriving neighborhoods
 - Show Love Where You Live
 - Refurbishing old receptacles and buying some new
 - Education through school and ambassadors to take ownership of trash management
 - Flower plot is great and could produce nice cut-flowers
 - Liked the pavilion at PVP but would like grills
 - Grills at proposed park across from Carver Center
 - Closest area like this is Central Park
 - Like that the Carver Center pocket park is on the same side as the MP path
 - The gateway at Albany is great, coordinate with TCB
 - Strong Street is often an access road to area when coming FROM 890 – possible location for gateway signage
 - Lots of lighting and cameras installed (coordinate with spacing of trees)
 - Liked the narrowing of the bridge drive aisles
 - Children cross bridge every day to go to school
 - Art installation is a good remedy for the negative feeling of 890 below
 - Add bollards to bridge cross section
 - Linear light strip along fence
 - Area between Strong and Wyllie is excessive
- **Pleasant Valley Park**
 - Mural on fence is great at PVP
 - Transitional space will be useful
 - Movies in the park
 - Some kind of stadium seating
 - Park basketball – 4 courts is practical, basketball is very popular
 - Would be difficult to play 4 games at once, keep one court regulation, push the other out slightly

- Provide stadium seating at courts
- Liked the skate park, there are not allowable opportunities for kids to skate In the area
- Chess tables around the basketball courts
 - Young and old mesh
- misting stations/drinking fountains to cool off
- Could school create a connector path (south of park)?
- keep programed areas closer to roads (eyes on park) – discourage negative behavior
- ability to grow (south) in the future
- **Main Ave**
 - Main Ave- would prefer the one way on Main and Forest Road
 - Better flow and efficiency and safer conditions for vehicles and bike/ped
 - Do a demo of the concepts
 - Grand scheme – not as big of a deal. People afraid of change
- **Crane Street & Main Ave Intersection**
 - Great move to extend the point at the gas station, it would be much safer
 - Rear parking would definitely be utilized
 - It is currently an incredibly dangerous intersection
 - Have to cross many different street to get to any destination
 - Seating area at Crane and Main
 - State Street downtown is a great example of investment in the public realm
 - Love the murals and lighting behind storefronts and in pedestrian connections
 - Must be mindful of how we can encourage more positive behavior through good design
 - It's important that the streetscape improvements will not solve it all, but will serve as a platform and a catalyst

Concerns:

- **Craig Street**
 - Wish path could connect to Albany Street
 - Concerned about bumpout at Albany street intersection
 - What are the negatives of having TOO many seats
 - Especially across from a market (Emmett Street Bus Stop)
 - Bus plaza at corner of Electric City Barn parking lot would eat into parking lot
 - It would help to delineate parking dimensions
 - Replace the excess pavement with bus plaza
 - Park at parking lot parcel (next to mechanic), relocate those proposed houses
 - Flower parcel/orchard could be a concern
 - Currently not well maintained
 - Would need a group to adopt
 - Fresh Food market may be better suited for parking lot parcel (parking already in rear)
 - Food truck park (ability for transitional space while trucks are not there)
- **Main Ave**
 - Main Ave – One Way with no parking – there is no 'friction' for traffic calming without any on-street parking
 - Forest Road – many roads fronting with driveways many transitions
 - Second block on Forest does not have driveways, they park on street
- **Crane/Main Intersection -**
 - Does Mont Pleasant have the market to sustain the proposed infill?
 - The concepts are great, especially in the models, but the building will still look poor
 - Grant for façade improvements of Crane Street
 - Are we just creating an improved corner on the point of Crane and Chrisler for drug dealers and prostitutes?
 - Think of the mindset of the people who live at the intersection

- How do we revitalize a place without displacement?
- How do you get people to believe when they've never had anything to believe in before?
 - Better communication, more involvement and ownership
- Need more jobs and income
- Affordable housing is a relative term – you need a job to be eligible
- Quality of existing houses are not livable
- Need more programs to train people and invest labor back into community
- Projects that are implemented in these neighborhoods need to be sources from the neighborhoods



Study Advisory Committee Meeting #4

PROJECT :: CRAIG – MAIN COMPLETE STREETS SCHENECTADY, NEW YORK

MEETING DATE & TIME :: July 8, 2019 12:00 PM

MEETING LOCATION :: Phyllis Bornt Branch Library & Literacy Center, 948 State St. Schenectady, NY

In Attendance

Name	Agency or Affiliation	Email and Phone
Jacob Beeman	CDTC	jbeeman@cdtcmpo.org
Ebony Belmar	Schenectady Schools	belmare@schenectady.k12.ny.us
Kimberly Case	PLACE Alliance	kcase@placealliance.com 315-729-9102
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Todd Fabozzi	CDRPC	todd@cdrpc.org 518-453-0850
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John Howard III	Tri City Pro Home Inspection	Johnhoward_34@yahoo.com
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Walter Simpkins	Community Father's	Communityfathersinc@gmail.com
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Chris Wallin	City of Schenectady	cwallin@schenectadyny.gov
Mary Moore Wallinger	LAndArt Studio	mmwallinger@landartstudiony.com 518-952-0531

Meeting Summary of Discussion

INTRODUCTION

- Mary Moore Wallinger (MM) reviewed the agenda of the meeting with the hope to conclude the meeting having the SAC in agreement upon which alternates the project team would further explore.

PRESENTATION

- MM gave a brief background of the project status including the report feedback deadline of July 19th
- The report format was briefly discussed and Jacob Beeman re-articulated that CDTC agrees that the approach of having a shorter, image-heavy report at the beginning with most of the technical information in the appendices works for the purposes of meeting the study requirements, soliciting project grants and making the report more accessible to the public.
- Kristin Diotte suggested a presence at Jerry Burrell Park on July 20th – Team to provide PDF of materials that can be printed and used.
- David Hogenkamp suggested a presence at the Month Pleasant Merchants meeting on July 15th – David to brief team on location and format
- Pat Smith requested an additional Open House in the Mont Pleasant Neighborhood – Pat will secure a date and location and the team will provide a flyer and conduct the Open House. Johan Matthews offered to reach out to Boys Day Out about help with flyer distribution.
- MM briefed the group on the public outreach and engagement efforts completed including results of the launch party and design workshop
 - Results of the launch party outreach indicated that a majority of participants would feel most safe using separated bicycle lanes, and would be most uncomfortable riding on the street with traffic
 - Results of the launch party outreach indicated that a majority of participants would give up one side of on-street parking in order to accommodate a buffered bicycle and pedestrian path
 - Results of the launch party outreach indicated that there are a lack of general services on the Albany Street and Crane Street neighborhood business districts
- Chris Wallin pointed out the density of dots all on the 'yes' columns for asking participants if services (laundry, day care, community etc.) were needed based on a 'yes, maybe, no' scale.
 - The results of this effort indicate the overall lack of services available
- MM reviewed the Craig Street Streetscape Improvements
 - Brent Irving stated that generally the bus stop is closest to the curb and that the design team should be mindful of a pedestrian having to cross the bike path to reach the bus
 - How can we safely connect bicyclists traveling from Albany Street to the start of the bicycle path?

- MM reviewed the Bridge Improvements
 - Jacob Beeman to follow up with DOT about art banners
 - Connect CREATE Studios, Hamilton Hill Arts Center, and school art classes (Oscar) to coordinate rotating artwork
 - A deck replacement would be necessary in order to do the ideal bridge improvements
 - Short term – bridge striping first and have the concept ready for DOT to do the deck replacement
- MM reviewed the Pleasant Valley Park plan
 - Brent Irving suggested a place for a bicycle teaching course with smaller version of intersections and crossings
 - Chris Wallin asked where the City would store future construction materials and snow after PVP has been improved
- Thriving Neighborhood trash cans will be placed soon
- Capital Roots will do 2 enhanced intersections
 - Intersection of Craig and Emmett
- Kim Case (KC) reviewed concepts to extend the streetscape improvements to Main Ave
 - It was concluded that the neighborhood needs to weigh in on the two possibilities
 - It was suggested that the City phases Craig Street first to gauge its success, and then the Mont Pleasant Neighborhood may want more to have a similar treatment continue
 - Concerns of how the one-ways could direct more traffic to quieter streets
- KC reviewed the improvements proposed to the Crane Street and Main Ave intersections
 - Walter Simpkins reiterated the importance of keeping money in the neighborhood and using local labor
 - Pat Smith articulated a need for Senior housing on Crane Street
- MM reviewed the concepts to be estimated
 - Include Smart City approach
 - Include maintenance costs and requirements for transportation improvements
- MM reviewed the revised project schedule
 - Jacob Beeman noted that the Mont Pleasant outreach needs to take place and all cost estimates completed prior to the final public meeting, which is intended largely for the purposes of informing the public. There will be a public comment period, but only minor changes would be anticipated at that time.
- Meeting concluded at 2:20pm



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MONT PLEASANT MERCHANTS ASSOCIATION

PROJECT :: **CRAIG – MAIN COMPLETE STREETS** SCHENECTADY, NEW YORK

MEETING DATE & TIME :: July 15, 2019 8:30 am

MEETING LOCATION :: The Bridge Christian Church St. 735 Crane St. Schenectady, NY

In Attendance (Estimated attendance was 15-20, not everyone signed in)

Name	Agency or Affiliation	Email and Phone
Kimberly Case	PLACE Alliance	kcase@placealliance.com 315-729-9102
Will Cote	Capital Roots	Foodaccess@capitalroots.org
Deodat Deonarine	Exit Bar & Lounge	exitbarandlounge@hotmail.com
Kristin Diotte	City of Schenectady	kdiotte@schenectadyny.gov 518-382-5149
David Hogenkamp	Metroplex	DHOgenkamp@schenectadymetroplex.org
Sylvia Jimison	City of Schenectady	sjimison@schenectadyny.gov
Jing Li	New Panda	jinglee810@gmail.com
Calvin MacDowell	Capital Roots	healthycommunities@capitalroots.org
Adam Rodriguez	The Bridge Food Pantry	518-364-1365
Rosa R Rodriguez	The Bridge Food Pantry	Bridge073556@gmail.com
Shelly Singh		
Mary Moore Wallinger	LAndArt Studio	mmwallinger@landartstudiony.com 518-952-0531

Meeting Summary of Discussion

INTRODUCTION

- The Mont Pleasant Merchants Association reviewed tasks in their agenda prior to the Craig-Main Connection Presentation, including issues with the drug dealing that takes place on Crane Street
- Kristin Diotte (KD) gave a brief background of the project scope
- Mary Moore Wallinger (MM) reviewed the agenda of the Craig-Main presentaion with the hope to conclude the meeting having feedback primarily on the Main Avenue alternatives, Crane Street intersection improvements, and acknowledging the Mont Pleasant Open House on August 1st

PRESENTATION

- MM gave a brief background on information gathered through existing conditions and numerous outreach efforts and events
- MM presented proposed improvements to Craig Street, the Craig Street DOT Bridge, and proposed Pleasant Valley Park improvements
- Kim Case (KC) reviewed concepts to extend the streetscape improvements to Main Ave
- KC reviewed the improvements proposed to the Crane Street and Main Ave intersection
- Calvin MacDowell presented the painted intersection concepts and was looking for feedback on locations
 - Identified locations (In order of perceived priority)
 - Francis Street
 - Ostrander
 - 3rd St

DISCUSSION

- Consensus was that traffic is way to fast on Crane Street and that traffic calming and intersection improvements are critical
- Overall the proposed improvements to Craig Street were well received
- Overall the proposed improvements to the Crane Street and Main Ave intersections were well received
 - General comments were that Chrisler is very narrow and should be a one-way
 - Further exploration needed at the intersection of Ostrander
 - There had been a plan at some point to convert Ostrander to one way, but it was never implemented
- Overall the proposed one-way at Main Ave was well received
 - Preference to converting just Main Ave to a one-way
 - General comments were that traffic analysis is needed to determine how the implementation would impact other roads and intersections
- It was expressed that the Forest Road / Francis Avenue and Crane intersection is particularly busy
- One participant mentioned a potential plan for adding a parking lot along Crane Street
 - The importance of minimizing building gaps to maximize retail support and environment was discussed
 - Desire to have parking where the vehicle can be seen was discussed



MONT PLEASANT OPEN HOUSE

PROJECT :: CRAIG – MAIN COMPLETE STREETS SCHENECTADY, NEW YORK

MEETING DATE & TIME :: August 1, 2019 5:00 PM

MEETING LOCATION :: Mount Pleasant Branch Library, 1036 Crane St, Schenectady, NY 12303, USA

In Attendance:

Name	Agency or Affiliation	Email and Phone
Nancy A		Nancya75,no@gmail.com
Jacob Beeman	CDTC	jbeeman@cdtcmpo.org
James Bookout	The Bridge Christian Church	jhbookout@gmail.com
Karen Bradley	Library	518-388-4534 kbradley@mvls.info
Ashley Brooks	Library	518-912-6519 Adavis.brooks@gmail.com
Kimberly Case	PLACE Alliance	kcase@placealliance.com
Jennifer Chandler		
Kristin Diotte	City of Schenectady	kdiotte@schenectadyny.gov 518-382-5149
Denise Eagan		518-372-4764 Dse12303@netzero.net
Mike Holubele		
Sylvia Jimison	City of Schenectady	sjimison@schenectadyny.gov

Name	Agency or Affiliation	Email and Phone
Ian Kundel	NYS Assembly SantaBarbara	518-382-2901 kundeli@nyassembly.gov
Kathy Lafreriere		518-393-9681
Ian Law	PLACE Alliance	ilaw@placealliance.com 518-344-4694
Mary T Lee	Home Owner	
Kimlee Marquise	MPNA	Kimlee723@yahoo.com 518-669-9978
Jeannette Martinez	Library	347-816-1919 Jeanettemartinez8 92@gmail.com
Johan Matthews	Mutual Design	johan@mutualdesign.co 347-628-2836
Michelle Moore		manifestingmydestiny@gmail.com
Christine Primiano	City of Schenectady	cprimiano@schenectadyny.gov
Flora Roywoods		518-372-6771
Tracy Shepherd	518-937-2140 Tls7558@hotmail.com	518-937-2140 Tls7558@hotmail.com
Matthew Smith	City of Schenectady	msmith@schenectadyny.gov
Patricia Smith	MPNA	mpnaschdy@gmail.com 518-370-2260
Mary Moore Wallinger	LandArt Studio	mmwallinger@landartstudiony.com 518-952-0531

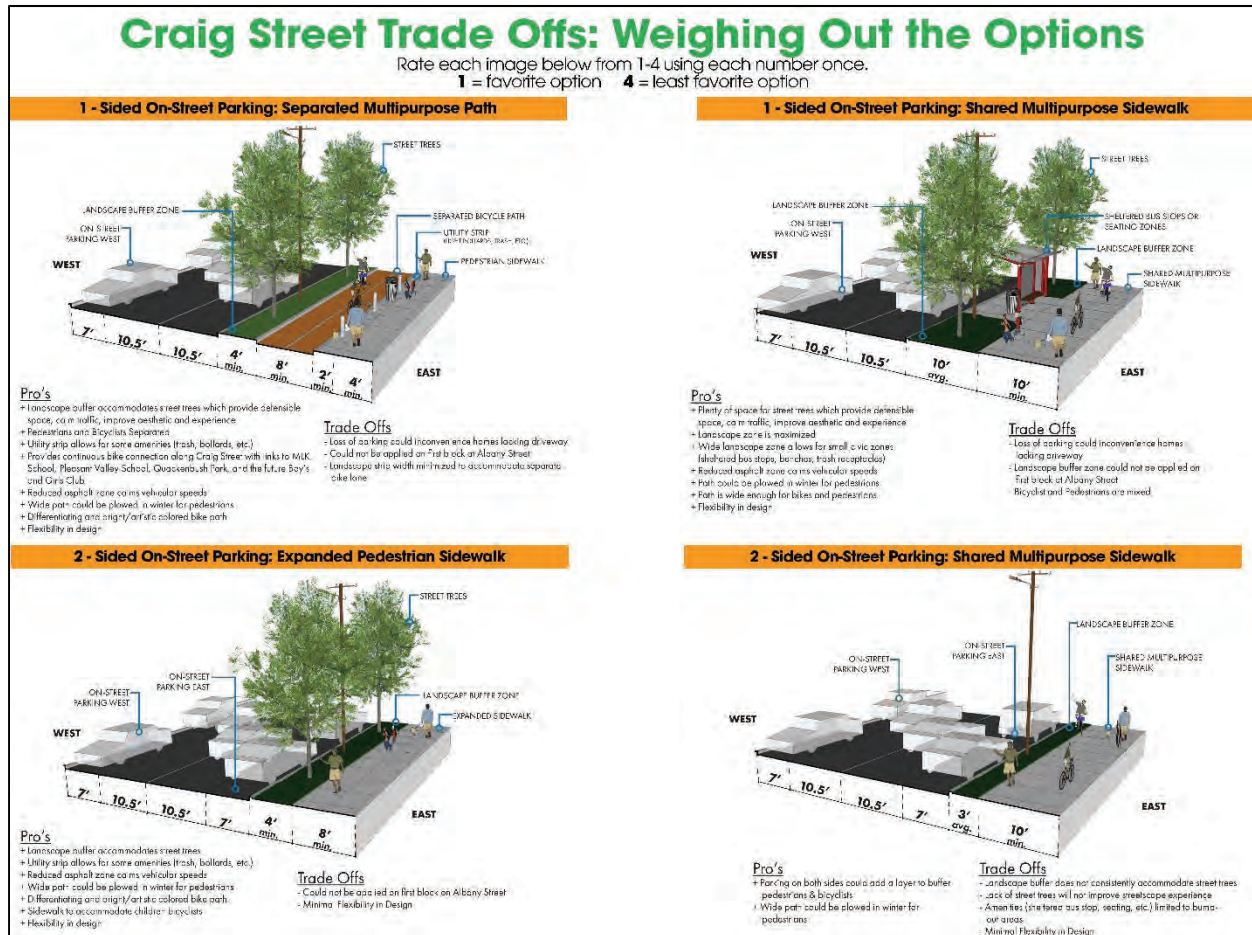
Meeting Summary

DESCRIPTION

The City of Schenectady distributed flyers door to door to Mont Pleasant residents encouraging them to participate in the Open House geared specifically for the Mont Pleasant Neighborhood. The primary goal of the additional neighborhood meeting was the gain feedback specifically on alternatives to explore along Main Avenue. Craig Street improvements were also presented for community members who had not attended previous neighborhood meetings.

STATIONS

1. Craig Street Alternatives – original options explored. Alternatives were ranked by community members at the Launch party held in May



2. Main Avenue Alternatives – Community members were asked to rank the 3 alternatives

Main Ave Connection Trade-Offs Option 1 : Main Ave One-Way with Connection

OPTION 1 - DIAGRAM A:
MAIN AVE ONE-WAY 36' BLOCK

OPTION 1 - DIAGRAM B:
MAIN AVE ONE-WAY 44' BLOCK

Pro's

- + Connects Albany Street neighborhood commercial district to Crane Street neighborhood district
- + Intersection improvements on Forest/Main
- + Direct continued bike/ped connection along corridor
- + Most houses along Main Ave front on side streets (limited driveway transitions)

Trade Offs

- Main Ave becomes one-way
- Main Ave loses on-street parking from Crane Ave to Holland Rd
- Possible increase in traffic to adjacent roads

Main Ave Connection Trade-Offs Option 2: Main Ave & Forest Rd one-way

OPTION 2 - DIAGRAM C:
FOREST AVE ONE-WAY WITH CONNECTION

OPTION 2 - DIAGRAM D:
MAIN AVE ONE-WAY WITH PEDESTRIAN SIDEWALK

Pro's

- + Connects Albany Street neighborhood commercial district to Crane Street neighborhood district
- + Forest Road with allows more flexibility
- + Intersection improvements on Francis/Forest and Forest/Main
- + Main Ave to maintain on-street parking

Trade Offs

- Forest Road and Main Ave becomes one-way
- Forest Road limited to one side of on-street parking
- Bike/ped connection not along direct corridor
- More houses front along Forest Road (More driveway transitions)
- Possible increase in traffic to adjacent roads

Main Ave Connection Trade-Offs Option 3: Improve Main Ave Existing Conditions

CONCEPT
IMPROVING MAIN AVE EXISTING CONDITIONS

CONCEPT IMAGE
BUMP OUTS

Pro's

- + Two-way traffic to remain
- + Implement street trees where possible
- + Improved sidewalks
- + Main Ave to maintain on-street parking
- + Intersection Improvements

Trade Offs

- No direct bicycle connection
- Few opportunities for street trees
- On-street parking lane very narrow

Main Ave Trade Offs: Weighing Out the Options

Rate each image below from 1-3 using each number once.
1 = favorite option 3 = least favorite option

OPTION 1 - MAIN AVE ONE-WAY

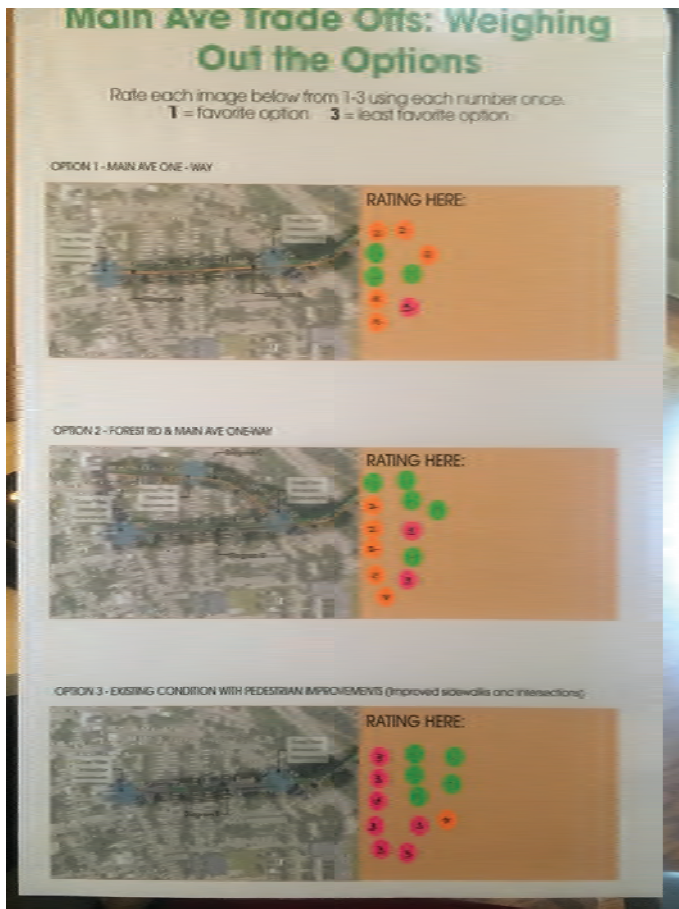
RATING HERE:

OPTION 2 - FOREST RD & MAIN AVE ONE-WAY

RATING HERE:

OPTION 3 - EXISTING CONDITION WITH PEDESTRIAN IMPROVEMENTS (Improved sidewalks and intersections)

RATING HERE:



Rankings and Notes:

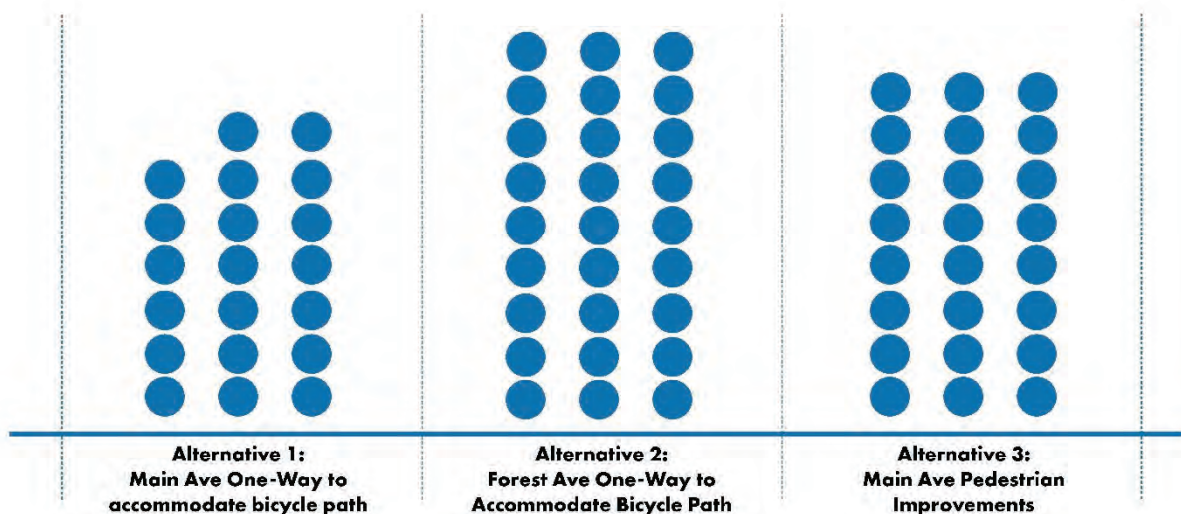
There were no clear preferences between the 3 Main Avenue Improvement options, although there was general support for conducting further study.

Additional comments included:

- Experiment one-way options with demo projects first
- One-way challenge during school pick-ups/drop-offs
- One-way challenge for bus stop locations
- New Boys & Girls Club will add additional youth foot traffic
- Option 2 would have too many driveway curbcuts
- Bollards should have lights with night sky consideration to improve visibility and safety
- General concerns and questions about navigating the one-ways and how the traffic will impact adjacent streets, school, homes etc.
- Generally participants seemed willing to compromise if it meant having a bicycle path
- Not all participants were willing to convert any street to one-way to accommodate bicycle path

Main Avenue Alternative Rankings

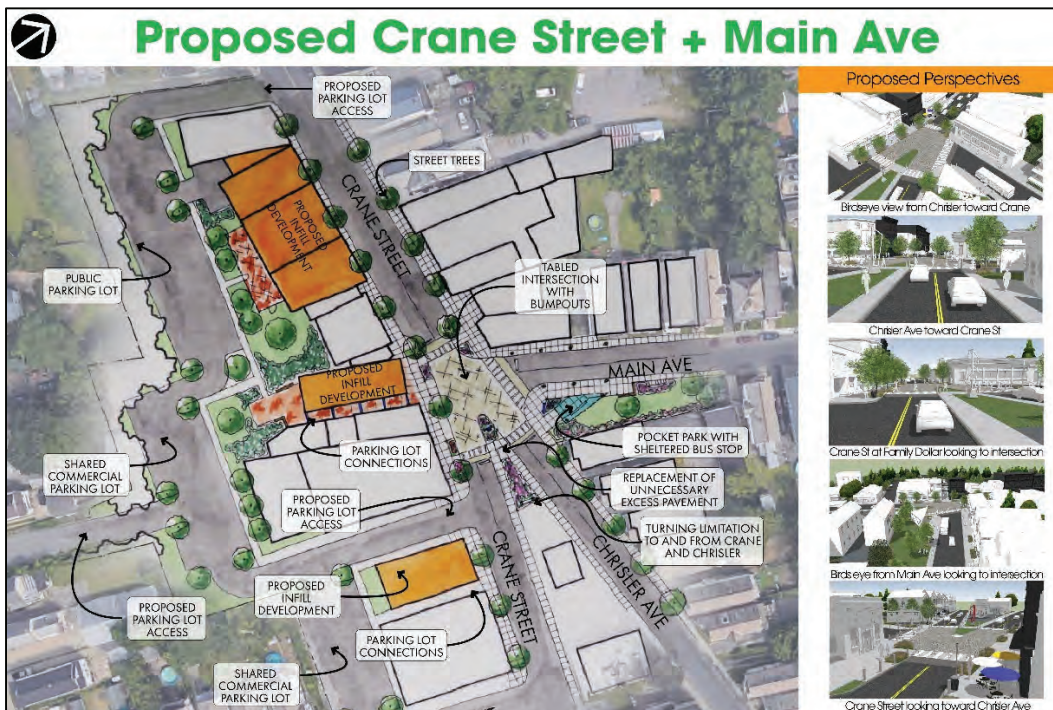
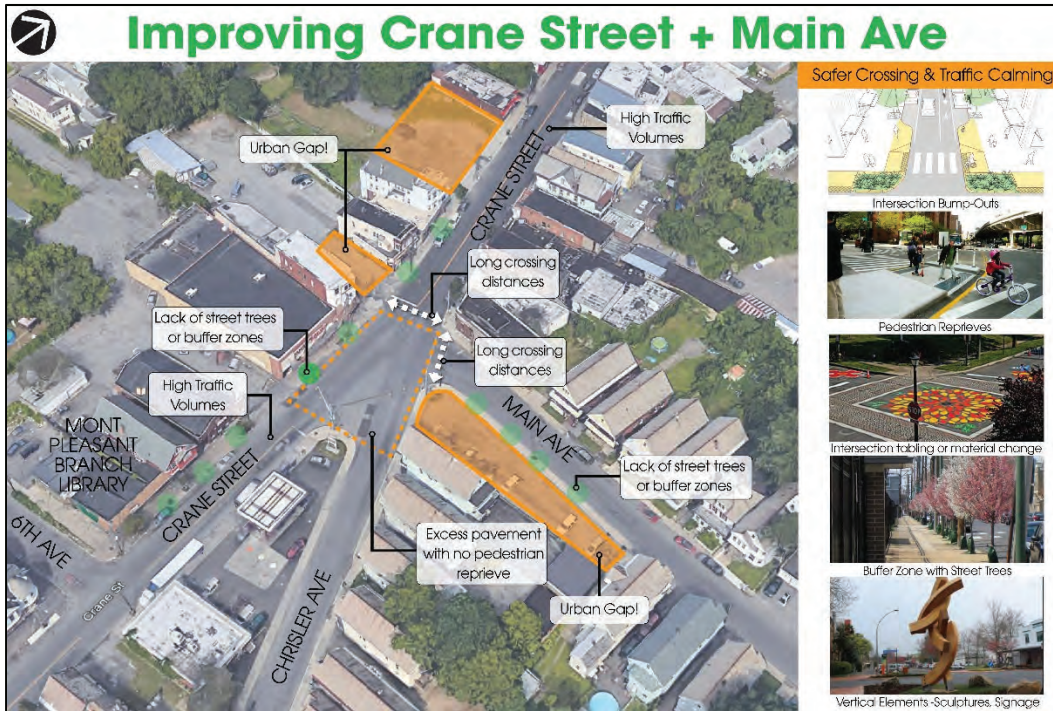
Mont Pleasant neighborhood members ranked the 3 Main Avenue improvement alternatives from 1-3. 1 representing the most preferred, and 3 being least preferred. For every #1 vote, the tally was given 3 dots, for every #2 vote, the tally was given 2 dots, for every #3 vote, 1 dot was added to the tally.



3. Improvements to the Intersection of Crane Street, Chrisler Ave, and Main Ave

Notes:

- Chrisler is narrow and dangerous, multiple suggestions to convert to one-way
- Parking behind building must be very well lit with eyes on it from street
- The need for a large outdoor community gathering area with a place for farmers market, music, police, community events.
- General questions about traffic analysis



4. Additional Notes:

- City Council Presentation date needs to be made public and put on the website to inform residents who may want to attend.



Study Advisory Committee Meeting #5

PROJECT :: **CRAIG – MAIN COMPLETE STREETS** SCHENECTADY, NEW YORK

MEETING DATE & TIME :: September 19, 2019 12:00 PM

MEETING LOCATION :: Mont Pleasant Library, 1036 Crane St, Schenectady, NY

In Attendance

Name	Agency or Affiliation	Email and Phone
Jacob Beeman	CDTC	jbeeman@cdtcmpo.org
Carrie Ward	CDTC	cward@cdtcmpo.org
Kristin Diotte	City of Schenectady	kdiotte@schenectadyny.gov 518-382-5149
Christine Primiano	City of Schenectady	cprimiano@schenectadyny.gov
Sylvia Jimison	City of Schenectady	sjimison@schenectadyny.gov
Sharon Jordan	Library & Metroplex	Sjordan10@nycap.rr.com
William Rivas	C.O.C.O.A. House, Save Our Streets	williamRivas7@outlook.com
Kimberly Case	PLACE Alliance	kcase@placealliance.com 315-729-9102
Mary Moore Wallinger	LAndArt Studio	mmwallinger@landartstudiony.com 518-952-0531

Meeting Summary of Discussion

INTRODUCTION

- Mary Moore Wallinger (MM) reviewed the agenda of the meeting with the hope to conclude the meeting having the SAC in agreement upon dates and format for the final Public Meeting.

PRESENTATION

- MM gave a brief update on the status of the project and project schedule, which is still on track for being adopted by City Council this year.
- The next step is to have a public review period that includes a public meeting.
 - It was agreed that MM will send out a Doodle poll for having the public meeting on either Wednesday, October 23rd or Tuesday, October 29th.

- Electric City Barn was identified as a good location, given the success of the Launch Party and its location on the corridor. **MM will reach out about dates.**
- MM suggested including an ice cream social as part of the final public meeting. The meeting will therefore include both a formal presentation and an informal social session, similar to that of the launch party, with stations jointly staffed by facilitators and project ambassadors from the community.
 - **MM will reach out to the Schenectady Foundation about the possibility of Stewarts providing ice cream.**
- Once the date has been finalized, **MM and KC will prepare a flyer for distribution** to the project list of organizations and participants and the meeting will be posted on the website. The flyer and the project summary will be distributed to the libraries to as well. The project team will work with Johan M. to see if volunteers can help with circulating flyers and inviting participants, similar to what was done with the Launch Party.
- City Council approval was discussed, and it was recommended that City Council members be informed about the project and invited to the final meeting prior to the official vote to adopt the report. **KD and CP will reach out to see if the project team can give a brief 15 minute presentation at one of the upcoming committee meetings prior to the public presentation.**
- Report
 - MM gave a brief overview and explanation of the re-organization of the report and changes made as per SAC member recommendations. **It was agreed that the following changes would be made:**
 - Add larger images of the four Craig Street cross-sections that were presented, listing the pros and cons of each.
 - Add construction costs to the one-page summary.
 - Add page numbers to the sub-sections on the section header pages.
 - Add the one-page summary to the executive summary section.
 - Update the bridge cross-section to address DOT comments.
 - Move the project matrix and the implementation recommendations to its own section, following the Design Recommendations section.
 - Add page numbers to the project matrix table.
 - Make suggested adjustments to the cost estimates – see below.
 - Including the Local Community Section
 - The group felt this section was key to the project and in a good location.
 - It was stressed that this will need to continue to be a priority as the project progresses.
 - **KD and SJ to follow up with RG to see if there are any additional programs or if there is any additional language that should be included.**
- Cost Estimates
 - Adjust cost estimate numbers to show escalation over time so that the correct amount of money is included in project budgets and grant and funding requests
 - Call out different project sections more clearly – headers and possibly an index. Consider including corresponding page numbers in project matrix.
- Bridge Cross-section
 - **MM and KC will adjust the bridge cross-section to show the requested 5' sidewalks.**
 - KD confirmed that the City does plow the Craig Street Bridge. The SAC agreed that keeping the drive aisle / shoulders to a minimal width to maximize protection for pedestrians and bike users is a priority and is preferable if permitted by DOT.
 - **JB will follow up with DOT to see if the 1' reduction on each side would be acceptable since the bridge is plowed by the City.** Some agreement may be necessary, which would likely require the action of City Council, but that would not necessarily have to happen before the report was completed.
- Working Files
 - **The project team will provide the working files for the final report, project photos, the one-page summary, and the cost estimate to the City upon completion of the report. InDesign files and PDFs shall be provided for the report.**
- Meeting concluded at approximately 3:00pm



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FINAL PUBLIC MEETING & ICE CREAM SOCIAL

PROJECT :: CRAIG – MAIN COMPLETE STREETS SCHENECTADY, NEW YORK

MEETING DATE & TIME :: October 29, 2019 6:00pm

MEETING LOCATION :: Electric City Barn 400 Craig St. Schenectady, NY

In Attendance (47 signed in)

Name	Agency or Affiliation	Email and Phone
Tyrell Barley		518-818-7215
Jacob Beeman	CDTC	
Kenneth Brooks	Community Fathers	518-881-5555
Vernon & Jo Anne Bustick	PIP Development	518-382-2941
Kimberly Case	PLACE Alliance	kcase@placealliance.com 315-729-9102
David Craft	Albany Law CEP	dcraft@albanylaw.edu
Dianne Croler	WGS	
Ebony Daniel		518-764-6244
Nick Demitraszec	Assemblyman Angelo Santabarbara	518-382-2941
Kristin Diotte	City of Schenectady	kdiotte@schenectadyny.gov 518-382-5149
Fabayo Egunbunmi	Hamilton Hill Arts Center	518-346-1262
John Foley		Foleyjohnj@aol.com
D. Franklin-Ashby		917-717-9294
Mike Frederick	PLACE Alliance	

Tracian Gordon		Traciangordan1@gmail.com
Marian Hawane	Bright Hope Center	708-533-7799
Rachel Hillard		518-816-4817
David Hogenkamp	Metroplex	DHOgenkamp@schenectadymetroplex.org
John Howard III	Tri City Pro Home & Inspections	518-461-0483
Sylvia Jimison	City of Schenectady	sjimison@schenectadyny.gov
Ian Law	PLACE Alliance	ilaw@placealliance.com
Jalisa		
Elise Martin	SCAP	emartin@scapny.org
Mayor McCarthy	City of Schenectady	
Myauta Ponzo	WGOG	518-334-9885
Tyrell Outlaw	Liberty Partnerships Program	518-257-9554
Dedra Page	Hillside SCC	646-321-3140
Christiana Pearl		518-847-6312
Drew Pearson	Bike Old Dorp/ECB	Drew.g.pearson@gmail.com
Christine Primiano	City Planning	cprimiano@schenectadyny.gov
Roxanne	MPNA	
Sevion	SCLA	
Tracy Shepherd	MPNA, SLIC	518-937-2140
Walter Simpkins	Community Fathers	Communityfathersinc@gmail.com

Sinia		Sinicm12@icloud.com
Herb Smalls	MPNA	Hjsmalls.hs@gmail.com
Rusa Smalls		
Pat Smith	Mont Pleasant Neighborhood	mpnaschndy@gmail.com
Monique Wade	ECB	845-537-9472
Chris Wallin	City of Schenectady	cwallin@schenectadyny.gov 518-382-5082
Mary Moore Wallinger	LAndArt Studio	mmwallinger@landartstudiony.com 518-952-0531
Lillian Walsh	Mont Pleasant Neighborhood	Rosefun07spny.com 372-0920
Nich Walsh	MPNA	
Cassandra Williams	SCSD	518-346-0503
Andrew Williams	NRFS	518-346-0503
Elizabeth Zahdan	Bright Hope Center	
Ebony Belmar	WGOG	Belmare@schenectady.k12.ny.us

Meeting Summary of Discussion

INTROCUCTION

- The Craig-Main Connection final public meeting began with a video produced for The Schenectady Foundation by Collective Effort. The video focused on the Thriving Neighborhoods Challenge, highlighting some of the projects that have been completed and encouraging community members to continue to come forward with their ideas and play a role in the positive transformation of their communities.
- Kristin Diotte and Mayor McCarthy introduced the project initiative and gave a brief background of the project.
- Johan Matthews addressed visitors and thanked them for their participation. He stressed the importance of their participation within the project and around their neighborhoods.
- The goal of the night was to keep the presentation brief and to encourage participation at individual project stations during the open house and ice cream social in order to have more intimate and detailed conversations between community members, ambassadors, and the project team about the proposed designs.

PRESENTATION

- Mary Moore Wallinger introduced the project ambassadors including Johan Matthews, William Rivas, Ebony Belmar, Walter Simpkins, John Howard, Kenneth Brooks, Pat Smith, and Reverend Bookhout
 - Ambassadors have been involved in encouraging public participation, as well as serving as leaders during presentations and open houses and they are good resources for learning more about the project and staying involved
- MMW encouraged the community to review the report on the project website; www.craig-main-connection.com or to view hard copies at City Hall, Mont Pleasant Library, and Phyllis Bornt Library and Literacy Center
- MMW reviewed the project area and adjacent amenities
- Kim Case reviewed the project purpose and goals including the importance of balancing the needs of all travelers
- The corridor serves as a physical connection but also a social and cultural linkage that should be a reflection of the community and celebrate the neighborhoods
- Kim Case reviewed existing conditions along the corridor including the varying width of Craig Street, poor sidewalk conditions, low parking utilization, and an increase of crashes at intersections
- The project corridor was separated into project zones including Craig Street, the Craig Street Bridge and Pleasant Valley Park, Main Ave, and the Crane/Chrisler/Main Ave intersection.
- KC reviewed the public outreach components leading up to this point:
 - Project website, stakeholder focus groups, curbside conversations, surveys, advertisements, work sessions with local organizations, participation at local events, etc.
- KC reviewed reoccurring feedback from those conversations
 - Public art, place making, clean and beautiful, access to fresh food, improved safety, make it about the kids, affordable large family housing
- The week-long workshop was reviewed including findings from the launch party
 - Preferred alternative, what the corridor was lacking, what the community would like in their parks, and how we could improve the Main/Crane/Chrisler intersection
- KC explained that from that public input, the design team proposed designs that were presented at a series of open house events
- MMW presented the streetscape improvements to Craig Street as well as the DOT bridge including
 - Reduce drive aisle to 10.5' to slow down traffic
 - Eliminate on-street parking on east side of street
 - 2-way dedicated multipurpose path from Electric City Barn to Pleasant Valley Park/Elementary
 - 4' Landscape buffer with street trees and decorative lighting
 - Minimum 4' sidewalk zone
 - Enhanced sidewalk zone on west side to include street trees
 - Bumpouts at key intersections
 - Shortened pedestrian crossings
 - Site furnishings (benches, trash receptacles, wayfinding signage)
 - Protected Multipurpose path and sidewalk across bridge
 - Infill opportunities along Craig Street – Filling the gaps
 - Proposed development at Albany Street
 - Pocket parks
 - Affordable housing infill
 - Community orchard
- MMW presented the proposed Pleasant Valley Park including
 - Safe and direct connection from bridge

- Pleasant Valley Elementary
 - Boys & Girls Club
 - Mont Pleasant Middle School
- 4-Court basketball
- Park shelter for picnics/shade
- Youth Park
 - Skate Board / Skating, BMX
 - Dancing, Gathering
- Art wall with mural
- Pull-up park
- Landscape buffer between park and vehicular use areas
- Connection to large open space
- KC presented the options for extending the separated bike path and sidewalk down Main Ave including
 - Option 1: converting Main Ave into a 1-way without on-street parking
 - Option 2: Rerouting the path down Forest Ave which would also need to be converted to a one-way with on-street parking remaining on one side of Forest Ave
 - Option 3: improving Main Ave as a pedestrian streetscape including improved sidewalks and landscape buffers
 - Project Recommendation: Conduct a traffic analysis studying the implications of turning either Main Ave or Forest Ave into a one-way – including impacts on schools
- KC presented proposed improvements to the Crane/Main/Chrisler intersection including
 - Raised intersection with changed material
 - Removal of excess asphalt
 - Intersection bumpouts
 - Vertical elements such as sculpture, street trees, bollards, lights, furnishings
 - Filling street wall
- MMW reviewed the phasing and implementation of the projects in a short, medium, and long-term approach
- MMW reviewed what projects could be implemented in the short term to keep momentum going and the community engaged including:
 - Public art
 - Art banners on the bridge
 - Creative intersections and Wayfinding
 - The primary connection through Pleasant Valley Park
 - Seek additional funding
- At this time, participants were invited to get ice cream and visit the open house stations
 - Craig Street
 - Pleasant Valley Park
 - Main Avenue
 - Main/Crane/Chrisler Intersection
- Mary Moore Wallinger, Johan Matthews, William Rivas, and John Howard spoke about how to stay involved including thriving neighborhoods challenge, participation in community art initiative, workforce training program, ongoing public outreach and momentum building
- Johan Matthews and William Rivas explained that the project was a direct result of what the community spoke for
- The floor was then opened up to community members to share any neighborhood events or notices.
- The meeting concluded with a performance by Rell Dolo, a local music artist, who performed and encouraged people to stay involved.

STAKEHOLDER WORKSHOPS PRESENTATION



1

AGENDA

1. Introductions
2. Project Overview and Context
3. Engagement Strategies
4. Focus Groups
 - Arts & Culture OR Business Promotion & Development
 - Housing and Redevelopment OR Youth Programming
5. Next Steps

2

INPUT NEEDED FROM STAKEHOLDERS

- Outreach Strategies
- How do we engage the community?
 - On the ground
 - Local businesses and organizations
 - Youth programming
- Input on the Corridor...
 - How can improvements to the corridor reinforce community and strengthen the neighborhood?



3

Mark your calendars and spread the word!

- **Launch Party on May 20th!**



4



5



6



PROJECT TEAM

PROJECT SPONSOR

CDTC

- Jacob Beeman
- Carrie Ward

CITY OF SCHENECTADY

- Kristin Diotte
- Avi Epstein
- Christine Primiano
- Matt Smith
- Chris Wallin

DESIGN TEAM

PLACE ALLIANCE

- Ian Law, Principal, RLA
- Michael Frederick, Project Designer
- Kimberly Case, Project Designer

LANDART STUDIO

- Mary Moore Wallinger, Principal, RLA

RIVER STREET PLANNING & DEVELOPMENT

- Margaret Irwin, Principal
- Christina Snyder, Planner

CREIGHTON MANNING ENGINEERING

- Jesse Vogl, Planner
- Ken Wersted, Senior Engineer

COMMUNITY LIAISON

Mutual Design

- Johan Matthews, Principal








7



8

BRIDGING THE GAPS: BUILDING BOTH A PHYSICAL AND SOCIAL CORRIDOR



9

COMPLETE STREETS

- Safe Intersections and Crossings
- Buffer Zones: Landscape Strips & Street Trees
- Public Transportation
- Walkability: Sidewalks, Buffer Zones, Safety
- Bikeability: Bike Lanes, Paths, Shared Streets



10

KEY ISSUES & OPPORTUNITIES

- NYS DOT Bridge
- Parking
- Utility Poles, Lights & Trees
- Dangerous Intersections
- Topography
- Congestion
- Vacancy (Urban Gaps)
- Varying Road Widths



11

STRATEGIES & TRADE-OFF'S

- Walkability
- Bikeability
- Parking
- Green Infrastructure
- Traffic Calming
- Intersection Enhancements
- Transit Amenities
- Bike Lanes & Shared Lanes



12

DESIGN PARAMETERS



13

DESIGN PARAMETERS



14

DESIGN PARAMETERS



15

VACANT LOTS

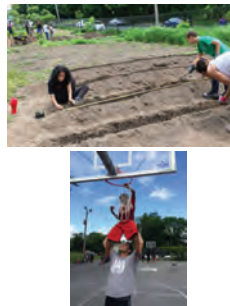
- Contributes to gaps in the neighborhood fabric
- How could these spaces positively contribute to the neighborhood?
- Existing desires and future possibilities
- Pocket parks, businesses, housing, community gardens, etc...



16

PUBLIC SPACE

- What is your perception of public space?
- How are existing public spaces impacting the community?
- How are vacant spaces impacting the community?
- What community priorities can be served through public space?
- Where do you go? How do you get there? What determines that route?



17

PROJECT STATUS

Tasks under way and/or completed to date:

- Technical Work
 - Draft Existing Conditions Report
 - Zoning & Land Use
 - Existing Transportation Infrastructure
 - Automobile Traffic Characteristics & Level of Service
 - Pedestrian & Bicycle Traffic Characteristics & Level of Service
 - Public Transit Characteristics
 - Crash Data
 - Parking Inventory
 - Review of Existing Documents & Resources
 - Site visits and field work
 - Initial exploration of constraints and opportunities



18

PROJECT STATUS

- Public Outreach and Engagement
 - Neighborhood Stakeholder Database
 - Neighborhood Liaison
 - Public Outreach Plan
 - Project Website
 - Draft Survey
 - Event Planning



19

SCHEDULE

- Study Kick-Off Meeting **January**
- SAC Meeting #1 February
- Existing Conditions, Inventory & Analysis February - April
- Survey Data Collection & Analysis April – Charrette
- **Stakeholder Discussions May 2nd/May 16th**
- Public Multi-Day Design Charrette **May 20th-May 23rd**
- Draft Concept Plan & Public Comment Period **June/July**
- Public Meeting & Open House **July**
- Draft Final Report & Public Comment Period **September/October**
- Final Report & Presentation to City Council **October/November**

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COMMUNITY ENGAGEMENT STRATEGIES

COMMUNITY ENGAGEMENT STRATEGIES

- Interactive Mobile Website
- Survey (Family and Kids)
- Neighborhood Ambassadors and Stakeholder Engagement
- Advertising, Mailing, Flyers
- Utilize Existing Channels of Communication
- Creative Public Events
- Involve Schools, Business Owners, Churches, Community Centers, Bus Stops
- Social Media
- Blank Canvas for comments
- Public Workshops



21

22

PROJECT WEBSITE

www.craig-main-connection.com



23



Johan
Matthews
Sense Maker,
Story Teller

- Principal of Mutual Design
- Neighborhood Liaison for the Craig-Main Connection

24

IDENTIFIED KEY STAKEHOLDERS

- Boys & Girls Club
- Bridge Christian Church
 - Pastor James Bookout
- Capital Roots
 - Calvin MacDowell
- CDTA (Capital District Transit Authority)
 - Brent Irving
- Citizen Action New York
 - Jamaica Miles
- C.O.C.O.A. House
 - William Rivas
- Community Builders
 - Jennica Huff/Janis Stewart
- Community Loan Fund
 - Johan Matthews
- DePaul Housing
- Electric City Barn
 - Kristen Holter
- Guyanese American Association of Schenectady
- Hamilton Hill Arts Center
 - Rachael Conn
- Hamilton Hill Neighborhood Association
- Higher Ground Worship Center
- Told By Us Productions
 - Prince Sprauve
- Martin Luther King, Jr. Elementary School
- Miracle on Craig
 - Rosa Rivera
- Mont Pleasant Merchants Association
- Mont Pleasant Middle School
- Mont Pleasant Neighborhood Association
- New Creations in Christ
- Pleasant Valley Elementary School
- Proctors, Creative Director
 - Richard Lovrich
- SCAP
 - Debra Schimpf
- Schenectady Co. Library System (Phyllis Bort Branch and Mt. Pleasant Branch)
- Schenectady Foundation
 - Robert Carreau
- Schenectady United Neighborhoods
 - Bob Harvey
- Schenectady Hindu Temple
- SEAT Center
 - Jennifer Lawrence
- SICM (Schenectady Inner City Ministry and Food Pantry)
- St. Joseph's Place

25

ENGAGEMENT ACTIVITIES



- Comprehensive Survey
 - Website
 - City Hall, Electric City Barn, Phyllis Bort Branch Library, Mont Pleasant Library
- Intercept Surveys
 - Curbside Conversations
 - Public Outreach Events

26

Curbside Conversations!

Stop by Education Drive on May 2nd between 2PM and 5PM, pull up a chair, and share your stories and ideas. Or come see us in front of the Carver Center building on May 16th between 3PM and 6PM.



27



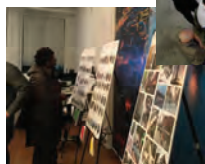
Working Group on Girls Design Workshop May 10th Steinmetz Career and Leadership Academy

A day-long workshop to learn about how design can influence public space and brainstorm about the future of the Craig-Main Connection

28



Multi-Day Design Charrette



29

WE NEED YOUR HELP

How do we engage & empower the community?

Ideas

30

FOCUS GROUP DISCUSSIONS

SESSION 1

Choose 1
Discussion Group

Arts &
Culture

OR

Business
Promotion &
Development

What might our corridor look like if it
served to connect :

Humans to Arts?
Customers to business?
Residents to Housing?
Youth to programs?

How can the arts, businesses, housing,
and youth programming
contribute to safety and connection?

SESSION 2

Choose 1
Discussion Group

Housing &
Redevelop-
ment

OR

Youth
Programming

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NEXT STEPS

- Spread the word!
- Visit the website and take the survey.
- Visit the website and upload ideas and images.
- Come to the upcoming design workshop events.
 - May 20th - Launch Party
 - May 22nd - Open House
 - May 23rd - Design Reveal



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Thank You!

See you May 20th – 23rd!

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FINAL CHARRETTE PRESENTATION



1

AGENDA

1. Welcome
2. The Craig-Main Connection – Overarching Project Goals
3. Existing Conditions Findings
4. Design Parameters
5. Public Engagement
6. The Big Reveal: Your Vision Translated through Design
7. Next Steps

2



PROJECT SPONSOR
CDTC

- Jacob Beeman
- Carrie Ward

CITY OF SCHENECTADY

- Kristin Diotte
- Avi Epstein
- Christine Primiano
- Matt Smith
- Chris Wallin

PROJECT TEAM




DESIGN TEAM

PLACE ALLIANCE

- Ian Law, Principal, RLA
- Michael Frederick, Project Designer
- Kimberly Case, Project Designer

LANDART STUDIO

- Mary Moore Wallinger, Principal, RLA

RIVER STREET PLANNING & DEVELOPMENT

- Margaret Irwin, Principal
- Christina Snyder, Planner

CREIGHTON MANNING ENGINEERING

- Jesse Vogl, Planner
- Ken Wersted, Senior Engineer

COMMUNITY LIAISON
Mutual Design

- Johan Matthews, Principal





Mutual Design







3



MAKING THE CONNECTION OVERARCHING PROJECT GOALS

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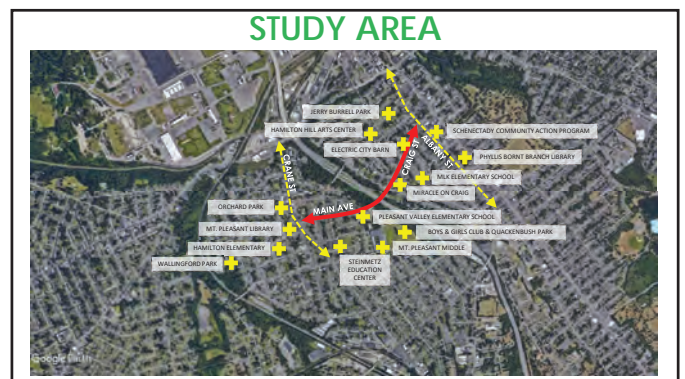
COMMUNITY INSPIRED








5



6

PROJECT FOCUS

GOAL: To work with the neighborhood to create a more efficient and inviting corridor that balances the needs of all travelers, including pedestrians, cyclists, transit riders and motorists.

FEATURES

- Safe Intersections and Crossings
- Buffer Zones: Landscape Strips & Street Trees
- Public Transportation
- Walkability: Sidewalks, Buffer Zones, Safety
- Bikeability: Bike Lanes, Paths, Shared Streets
- Planning for Public Space and Urban Infill



7

BRIDGING THE GAPS: BUILDING BOTH A PHYSICAL AND SOCIAL CORRIDOR



8



EXISTING CONDITIONS FINDINGS

9

EXISTING CONDITIONS FINDINGS

Transportation Infrastructure/Characteristics

- Two-lane roadway of varying width
- Sidewalks of varying width and condition
- Parking on one-side of Main Avenue and both sides of Craig Street
- Utilization of parking is generally low with some exceptions



10

EXISTING CONDITIONS FINDINGS

Multimodal Characteristics

- Low traffic volumes and speeds
- High sidewalk availability but prevalent poor conditions
- Little to no bikeability
- Highest transit ridership at Crane Street and Emmett Street
- Traffic Lights at Intersection are adequate for number of vehicles



11

EXISTING CONDITIONS FINDINGS

Crash Patterns

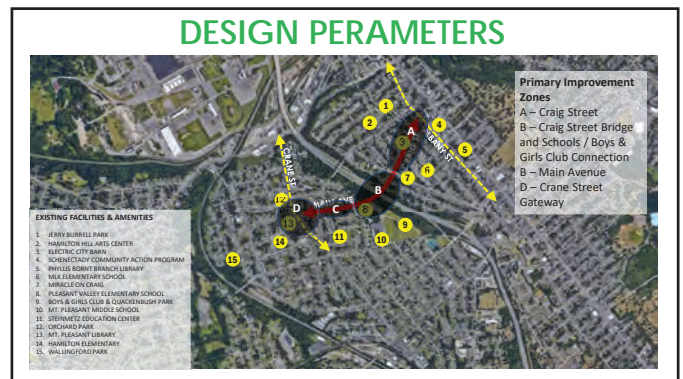
- 85% of crashes occurred at intersections
- Right-angle, rear-end, and sideswipe were most common
- Higher than expected sideswipe crashes on Main Avenue
- Narrow pavement width
- Six pedestrian related crashes
- 3 at the Crane Street intersection
- Two bicycle related crashes



12



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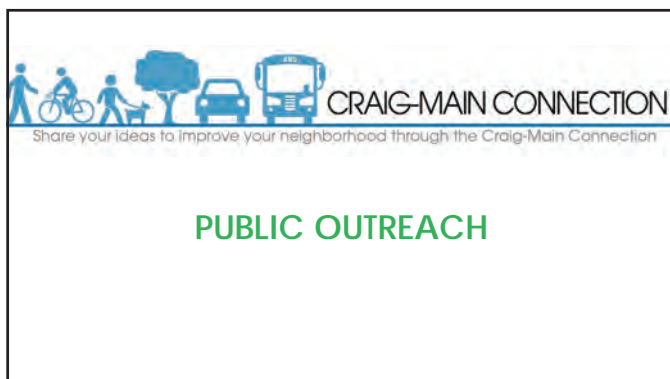
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SURVEYS



- Comprehensive Survey
 - Website
 - City Hall, Electric City Barn, Phyllis Bornt Branch Library, Mont Pleasant Library
- Intercept Surveys
 - Curbside Conversations
 - Public Outreach Events

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Top 3 Important Components:

- Better lighting
- Trash cans/less litter
- Better sidewalks
- Neighborhood pride

	VERY IMPORTANT	IMPORTANT	NOT IMPORTANT	TOTAL	WEIGHTED AVERAGE
Better lighting	93.0%	12	0.0%	1	1.00
Accessibility for all ages	80.7%	7.54%	1.14%	14	1.21
Trash cans / less litter	80.0%	6.67%	0.00%	15	1.00
Separation and protection from traffic	80.0%	14.29%	0.00%	14	1.14
Neighborhood pride (aka known as "sense of place")	70.0%	6.67%	0.00%	1	0.07
Crosswalks	66.67%	13.33%	0.00%	2	0.13
Security cameras	66.67%	6.67%	0.00%	1	0.07
Better lighting	100.0%	0.00%	0.00%	1	1.00
On-street parking	57.14%	36.71%	6.14%	14	1.00
Street trees / shade	46.67%	33.33%	0.00%	1	0.07
Public art	46.67%	33.33%	0.00%	1	0.07
Encouraging slower speeds ("traffic calming")	46.67%	13.33%	0.00%	1	0.07
Connections to community and neighborhood (for example, informal paths, access from parking)	33.33%	6.67%	0.00%	1	0.07
Storage for local produce ("day/night")	70.0%	23.33%	0.00%	1	0.07
Bikes -- places to sit	46.67%	26.67%	0.00%	1	0.07



20

- 50% drive daily
- 20% ride transit daily, 40% occasionally
- 10% ride a bike daily, 40% occasionally, 50% never
- 55% walk daily, 10% weekly, 10% monthly, 25% occasionally
- 60% rated walking conditions as fair
- 40% rated walking conditions as poor



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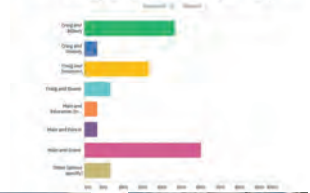
Top 3 intersections of concern

- Craig & Albany
- Craig & Delamont
- Crane & Main

What would improve them?

- Better sidewalks, less litter, speed control, new pavement, handicap transitions

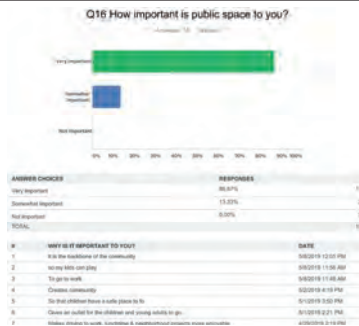
Q12 What are the top two intersections on Craig-Main you would like to see improved for pedestrian use? (Check two).



22

- Would like to walk/bike to:
 - The store
 - Library
 - Wyllie Street Gardens
 - Craig & Lincoln
 - Crane St, Albany St, Craig St.
 - Main & Education Dr.
 - Quackenbush Park

- Public Spaces to Visit:
 - Quackenbush Park
 - Library
 - Education Drive
 - Jerry Burrell Park



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How would you use new public space?

- "To spend time in and just get away"
- "I would let the kids show off their creativity"

Are there public space uses that you would like to see along the corridor? Check all that apply.



24

- Like
 - History
 - Access from one community to another
 - Starting to give new life to the area
 - The Carver Center when it was open
 - Nothing

- Change
 - More Trees
 - Pride & ownership
 - Safety (lighting and cameras)
 - Improved and widened sidewalks
 - Traffic Problems (Speeds, double parking)
 - Potholes
 - More business
 - Litter management – add trash cans
 - Road striping
 - Kid friendly & accessible
 - Beautification – art, color, gardens



SURVEY RESULTS

25



STAKEHOLDER WORKSHOPS

26



STAKEHOLDER WORKSHOPS

27



STAKEHOLDER WORKSHOPS

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COMMUNITY DISCUSSIONS

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COMMUNITY DISCUSSIONS

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Arts & Culture

- Crosswalk art
- Art on bridge
- Benches and trash cans as art
- Community art creates connection, relationships, vulnerability, pride, hope
- Phoenix Walk Project – sculpture park
- Art as education
- Make it approachable – small individual pieces that make one big composition
- Art as wayfinding
- Art competitions, rotating pieces – instill sense of ownership

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Business Development

- need access to better foods
 - Corner stores and Family Dollar aren't grocery stores
 - No real access to vegetables, fruits, etc.
- Accountability from businesses/programs, can't come in then leave a few years later
 - community to help build businesses and take programs over once they started
 - Sustainability, accountability, and authenticity
 - Businesses built with and for the community, owned by community members, feel authentic
- Make businesses accessible to all members of the public, i.e. handicap access
 - benches/places to sit, fine line between placemaking and areas to loiter
- Safety is key through means of lighting, sight lines, cameras, and overall activity \
 - Program events throughout the summer to combat shootings since the streets would be packed with loved ones
- Need to differentiate youth with adolescents
 - Adolescents roughly 16-24 - looking for identity
 - Have to give them something to do or they'll find something to do

33

Housing and Redevelopment

- Where is Schenectady's Renaissance?
- How can we involve existing programs – Land Bank?
- Lack of housing for big families
- Can community have control over who is hired for major projects?
- High taxes BUT more house for your money
- Multi-modal transportation is key to get people from housing to other areas of the City
- Need affordable housing so redevelopment does not push current community out
- More education for landlords in preparing them for renting to large families (high eviction rates for larger families)
- Positive police presence

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Youth Programming

- Better education to generate competitive opportunity
- Need to acknowledge that young people's opinions matter.
- Kids are the future – involve kids in decision making
- Social media – Instagram, snapchat
- Generational poverty – kids taught not to trust people who don't look like them out of survival and fear
- 24 hour crisis center for resources
- Show the kids their community loves them
- How do we make the corridor kid central and the to make sure that the public spaces we create stay that way
- Youth need access to positive adults, not necessarily "successful"
- Jobs for adolescents and young adults

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Working Group on Girls Design Workshop
 May 10th
 Steinmetz Career and Leadership Academy

A day-long workshop to learn about how design can influence public space and brainstorm about the future of the Craig-Main Connection



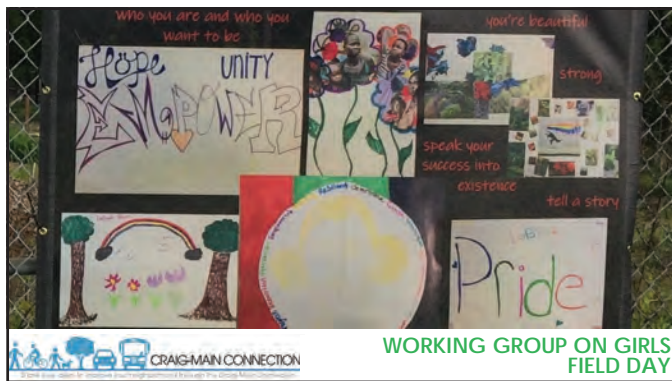
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LAUNCH PARTY

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LAUNCH PARTY

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LAUNCH PARTY

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LAUNCH PARTY

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LAUNCH PARTY

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LAUNCH PARTY

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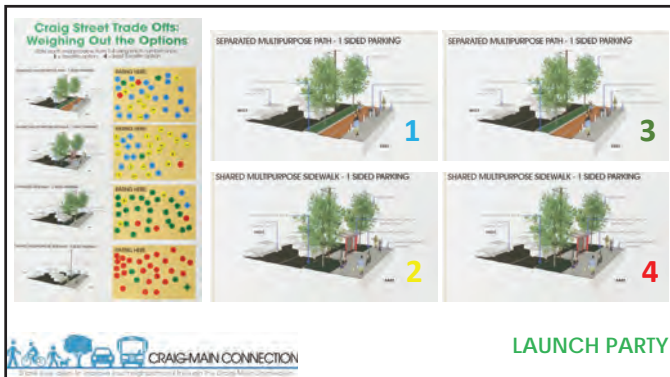
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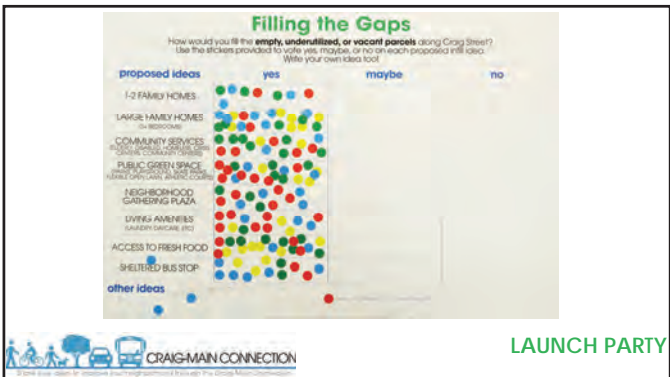
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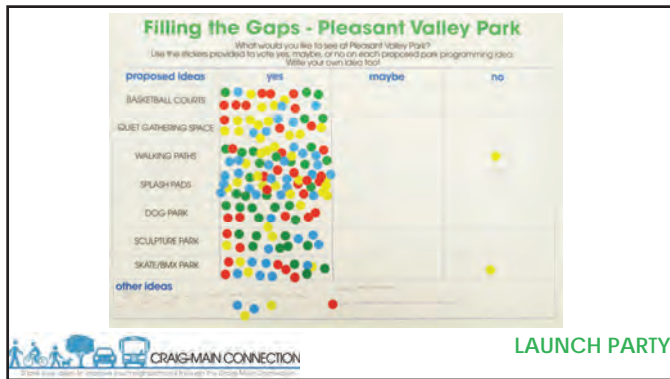
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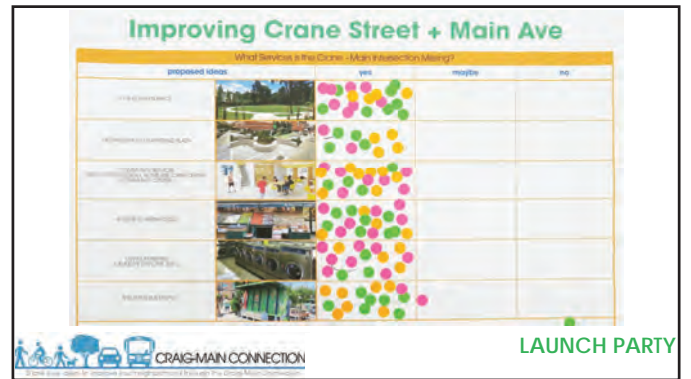


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LAUNCH PARTY

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LAUNCH PARTY

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OPEN HOUSE

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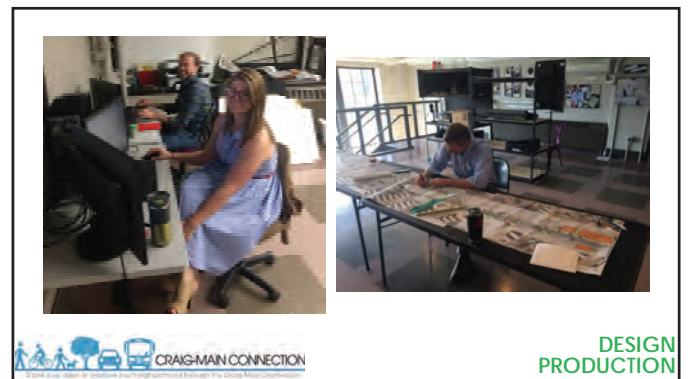
OPEN HOUSE

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OPEN HOUSE

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DESIGN PRODUCTION

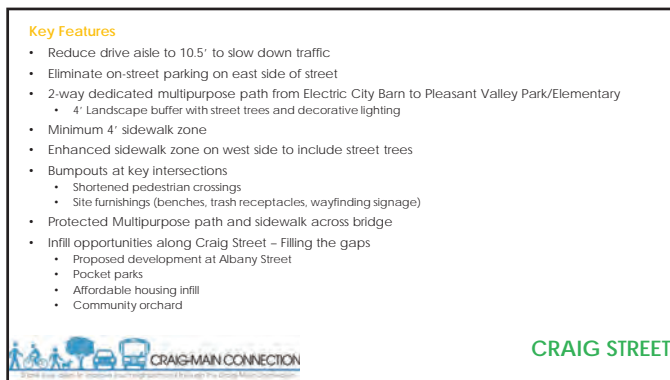
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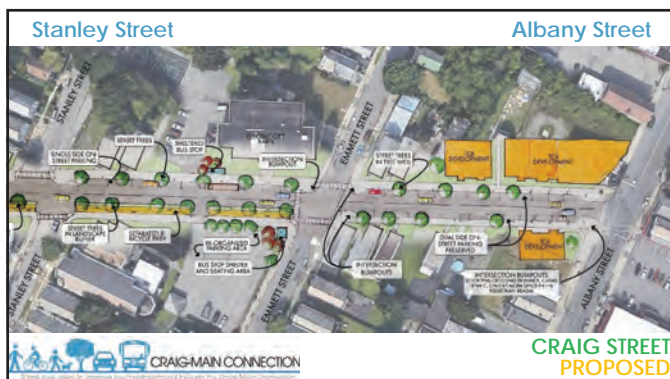
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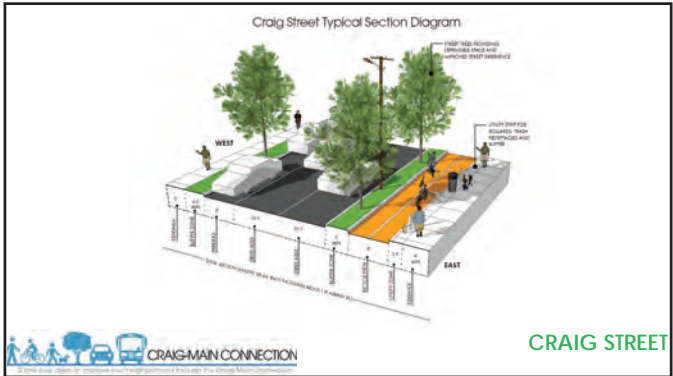
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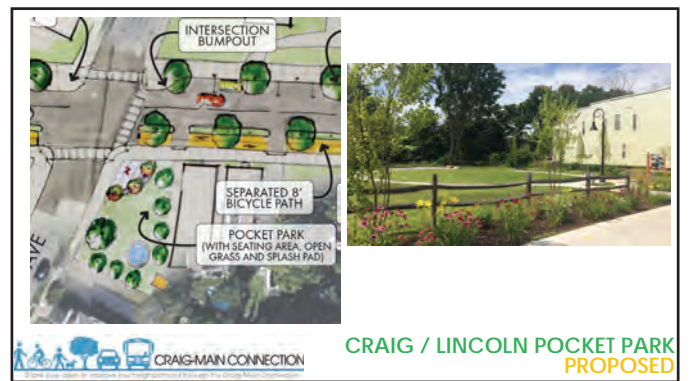
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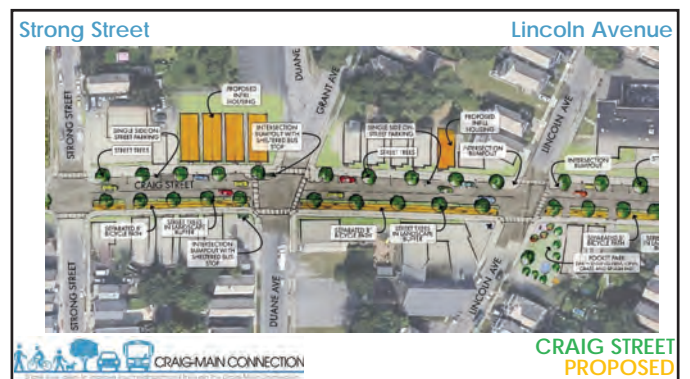
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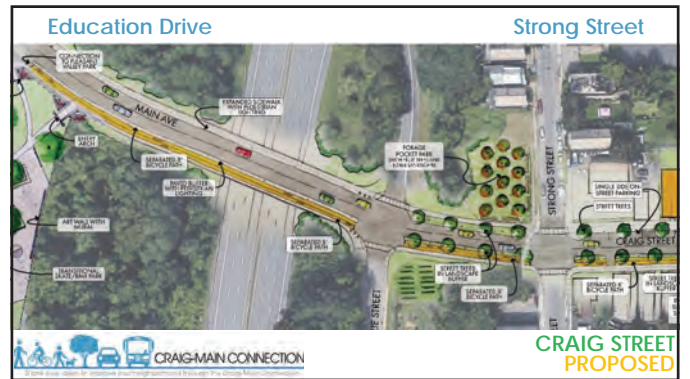
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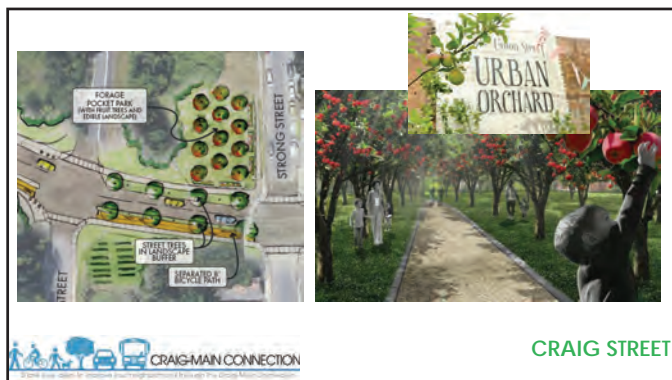
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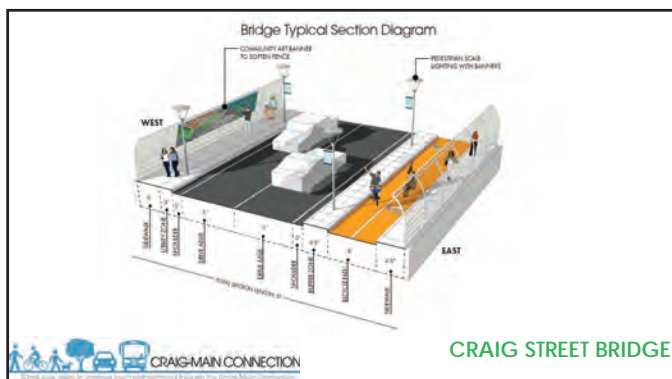
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CRAIG STREET BRIDGE

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CRAIG STREET BRIDGE

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PLEASANT VALLEY PARK
EXISTING

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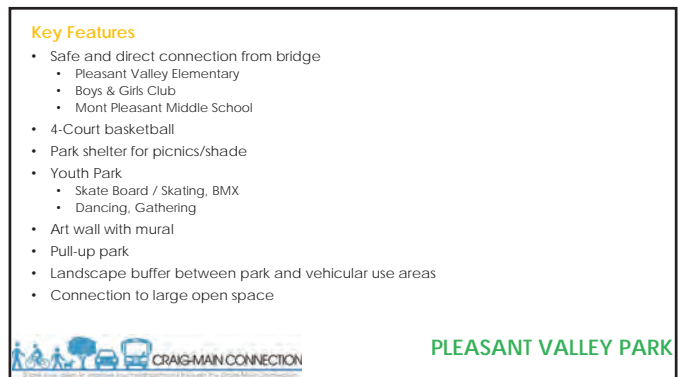
PLEASANT VALLEY PARK
EXISTING

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YOUR NEW PARK
PROPOSED

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PLEASANT VALLEY PARK

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YOUR NEW PARK

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YOUR NEW PARK

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YOUR NEW PARK

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YOUR NEW PARK

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YOUR NEW PARK

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MAIN AVENUE
EXISTING

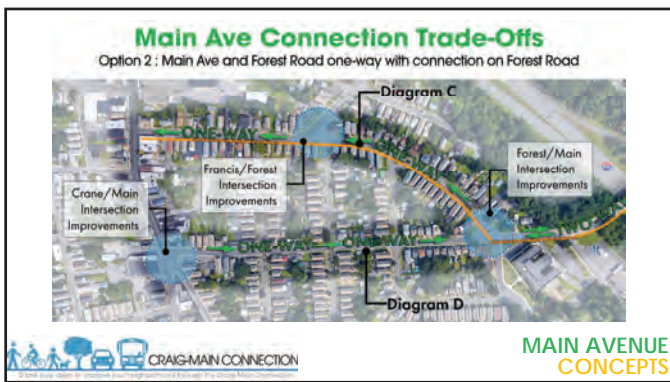
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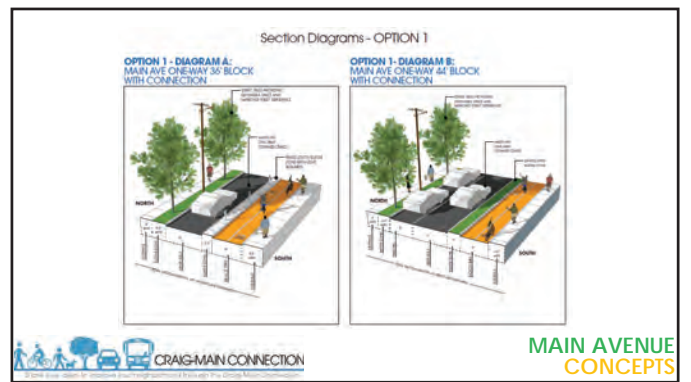
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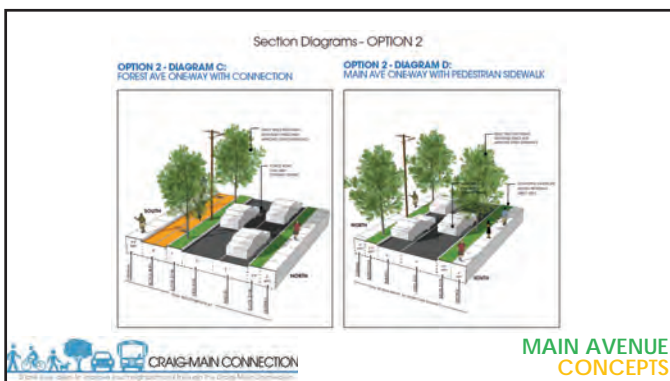
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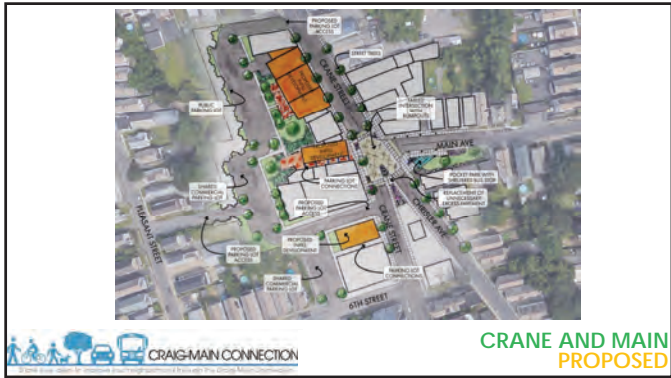
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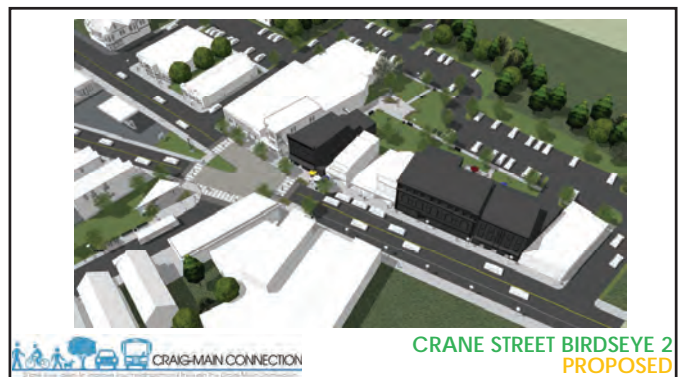
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CRAIG-MAIN CONNECTION
CRANE STREET STREETVIEW - NORTH
EXISTING

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CRAIG-MAIN CONNECTION
CRANE STREET STREETVIEW - NORTH
PROPOSED

128



CRAIG-MAIN CONNECTION
CRANE STREET STREETVIEW - SOUTH
EXISTING

129



CRAIG-MAIN CONNECTION
CRANE STREET STREETVIEW - SOUTH
PROPOSED

130



CRAIG-MAIN CONNECTION
MAIN AVE BIRDSEYE
EXISTING

131



CRAIG-MAIN CONNECTION
MAIN AVE BIRDSEYE
PROPOSED

132



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NEXT STEPS

Complete Streets Project

- Design Refinement
- **City and Community Partners to begin Installation of Short-Term Goals**
- Cost Estimates
- Report Development
- **Public Meeting and Comment Period**
- Finalize Report
- City Council Adoption
- Funding Applications
- Implementation

Other Projects and Initiatives

- Continue to build and empower Community
- Work with City and Community Partners to address other needs identified along the Corridor

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FINAL PUBLIC PRESENTATION & ICE CREAM SOCIAL



CRAIG-MAIN CONNECTION
Share your ideas to improve your neighborhood through the Craig-Main Connection



**Craig Street Main Avenue
Complete Streets**
Public Presentation and Ice Cream Social
October 29, 2019




project team

PROJECT SPONSOR
CDTC
• Jacob Beeman
• Carrie Ward

DESIGN TEAM
PLACE ALLIANCE
• Ian Law, Principal, RLA
• Michael Frederick, Project Designer
• Kimberly Case, Project Designer
LANDART STUDIO
• Mary Moore Wallinger, Principal, RLA
RIVER STREET PLANNING & DEVELOPMENT
• Margaret Irwin, Principal
• Christina Snyder, Planner
CREIGHTON MANNING ENGINEERING
• Jesse Vogl, Planner
• Ken Wersted, Senior Engineer



COMMUNITY LIAISON
Mutual Design
• Johan Matthews, Principal



schedule

6:15 – 6:25 welcome and introduction
Kristin Dlotte & Mayor Gary McCarthy

6:25 – 6:30 by the community, for the community
Johan Matthews & William Rivas

6:30 – 6:55 craig-main connection highlights
Mary Moore Wallinger & Kim Case

6:55 – 7:30 ice cream social and information stations

7:30 – 7:45 musical performance by Rell Dolo

7:50 – 8:00 stay connected
Updates & announcements

by the community, for the community



Johan Matthews
Mutual Design



William Rivas
C.O.C.O.A. House
SOS – Save Our Street



CRAIG-MAIN CONNECTION
Share your ideas to improve your neighborhood through the Craig-Main Connection

community project ambassadors



Ebony Belmar
Mont Pleasant MS
Working Group on Gifts of Schenectady



Walter Simpkins
Community Fathers



John Howard
Local Resident



Kenneth Brooks
Local Resident



Pat Smith
Mont Pleasant Neighborhood Association



Rev. Bookhout
Mont Pleasant Merchants Association



CRAIG-MAIN CONNECTION
Share your ideas to improve your neighborhood through the Craig-Main Connection

**Craig-Main Connection Projects
by the community, for the community**



CRAIG-MAIN CONNECTION
Share your ideas to improve your neighborhood through the Craig-Main Connection



check out the report and share your thoughts

Where can I find the report?

- www.craig-main-connection.com
- Hard copies:
 - City Hall, Dept. of Development
 - Mont Pleasant Library (Crane St)
 - Phyllis Bornt Library and Family Literacy Center (State St)
- Available for viewing tonight at this event

share your comments online or at the following locations

CRAIG-MAIN CONNECTION

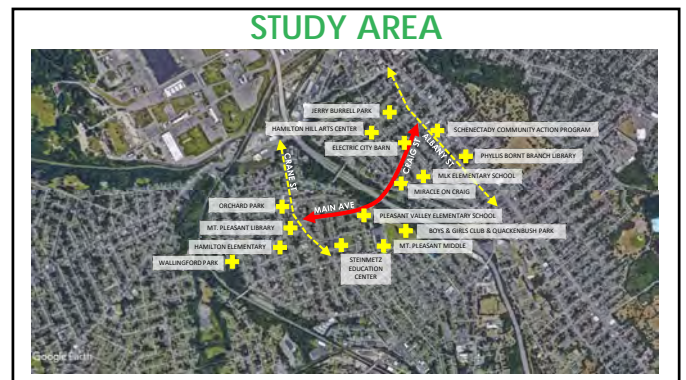
Share your ideas to improve your neighborhood through the Craig-Main Connection

CRAIG-MAIN CONNECTION

Share your ideas to improve your neighborhood through the Craig-Main Connection

MAKING THE CONNECTION

OVERARCHING PROJECT GOALS



PROJECT FOCUS

GOAL: To work with the neighborhood to create a more efficient and inviting corridor that balances the needs of all travelers, including pedestrians, cyclists, transit riders and motorists.


WHAT IS A COMPLETE STREET?

FEATURES

- Safe Intersections and Crossings
- Buffer Zones: Landscape Strips & Street Trees
- Public Transportation
- Walkability: Sidewalks, Buffer Zones, Safety
- Bikeability: Bike Lanes, Paths, Shared Streets
- Planning for Public Space and Urban Infill

BRIDGING THE GAPS:

BUILDING BOTH A PHYSICAL AND SOCIAL CORRIDOR



CRAIG-MAIN CONNECTION
 Share your ideas to improve your neighborhood through the Craig-Main Connection

EXISTING CONDITIONS FINDINGS

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- Right-angle, rear-end, and sideswipe were most common
- Higher than expected sideswipe crashes on Main Avenue
- Narrow pavement width
- Six pedestrian related crashes
- 3 at the Crane Street intersection
- Two bicycle related crashes






CRAIG-MAIN CONNECTION
 Share your ideas to improve your neighborhood through the Craig-Main Connection

DESIGN PERAMETERS

DESIGN PERAMETERS



Primary Improvement Zones

- A – Craig Street
- B – Craig Street Bridge and Schools / Boys & Girls Club Connection
- C – Main Avenue
- D – Crane Street Gateway

EXISTING FACILITIES & AMENITIES

1. JERRY BURRELL PARK
2. HAMILTON HILL ARTS CENTER
3. ELECTRIC CITY MALL
4. SCHENECTADY COMMUNITY ACTION PROGRAM
5. PHILIPUS ROBERT BRANCH LIBRARY
6. MIA ELEMENTARY SCHOOL
7. MARSHALL COUNSELING
8. PLEASANT VALLEY ELEMENTARY SCHOOL
9. BOYS & GIRLS CLUB & COUNSELING PARK
10. M.T. PLEASANT MIDDLE SCHOOL
11. STORMWATER EDUCATION CENTER
12. CHICAGO PARK
13. M.T. PLEASANT LIBRARY
14. HAMILTON ELEMENTARY
15. WALLINGFORD PARK

STRATEGIES AND TRADEOFFS

Designs Seek to Balance:


- Walkability
- Bikeability
- Parking
- Green Infrastructure
- Traffic Calming
- Intersection Enhancements
- Transit Amenities
- Bike Lanes & Shared Lanes



URBAN GAPS AND PUBLIC SPACE

- What is your perception of public space?
- How are existing gaps impacting the community?
- What community priorities can be served through better uses of these spaces?





CRAIG-MAIN CONNECTION

Share your ideas to improve your neighborhood through the Craig-Main Connection

We heard from you and your neighbors

PROJECT WEBSITE

www.craig-main-connection.com





Community Liaison

The City of Schaumburg and the project team were committed to supporting resident-led community involvement initiatives in the Mont Pleasant and Hamilton Hill neighborhoods. John Matthews, of Mutual Design, served as the Craig-Main Connection Community Liaison. His role within the project team included reviewing material, identifying methods of outreach and engagement, advertising the project, leading discussion, and conducting face-to-face discussion through focus groups and individual encounters.



Study Advisory Committee

The Study Advisory Committee (SAC) acted as the sounding board for the City of Schaumburg and CDC for this project and included active members of the community as well as members from involved and potential partner organizations. As part of the project oversight, the SAC provided input on local issues, helped focus the project, assisted in public outreach, reviewed draft and final documents, and assisted in selection of key projects and priorities. SAC members are listed at the beginning of the report and all SAC meeting minutes can be found in the Appendix C.

Deliberative Discussions

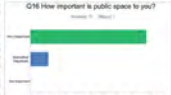
A series of deliberative discussions were held in the community, including groupings, interviews, and focus groups. These meetings were held at different times and locations (Schaumburg City Hall & Mont Pleasant Library) to allow for higher attendance. Meetings included focus group discussions on safety, a survey, business assessment & development, housing & redevelopment, and youth programming. All of the agendas for meetings include an immediate discussion and presentation.

Carbide Conversations

Although meetings and events were held within the neighborhood to raise involvement opportunities to as many people as possible, the design team believed that needed to be an additional layer of help of outreach for themselves, an outreach tool that was developed at the corner of Schaumburg and Main Street and open in front of the Carver Community Center. These outreach conversations were for outreach and public input with community members to gather input and share information about the project.

Large Surveys & Internet Surveys

Surveys were conducted in two ways: a survey on the street, along with a survey on the use of public transportation services. The survey was designed to help community members understand the project and the study. The survey was distributed at the Public Safety Branch Library and Schaumburg City Hall. The survey was also distributed at the project website and was emailed to a list of community members and residents. A survey was also used at outreach events and neighborhood meetings. The survey was based on the long-term results of the survey can be found in the Appendix C.



Q16 How important is public space to you?

Very Important: 80%

Somewhat Important: 20%

Meetings

Traditional meetings, the paper and electronic meetings, focus groups, and informational brochures were held. These meetings were held prior to public meetings, and project-related focus group. These meetings were held prior to public meetings, and project-related focus group. These meetings were held prior to public meetings, and project-related focus group.

Art-Based Design Workshops

The Project of Community Art-Main Connection was a series of workshops that were held at the project website and were held at the project website and were held at the project website.

Art-Based Design Workshops

The Project of Community Art-Main Connection was a series of workshops that were held at the project website and were held at the project website and were held at the project website.

Key things we heard

- Public art
- Seating and place making
- Access to fresh food
- Safety – lighting, cameras, visibility, traffic control
- Involve youth in decisions – their ideas matter!
- Affordable housing for large families
- Multi-modal transportation
- Make the corridor kid central – show them their community loves them



WHAT WE
HEARD

Arts & Culture

- Crosswalk art
- Art on bridge
- Benches and trash cans as art
- Community art creates connection, relationships, vulnerability, pride, hope
- Phoenix Walk Project – sculpture park
- Art as education
- Make it approachable – small individual pieces that make one big composition
- Art as wayfinding
- Art competitions, rotating pieces – instill sense of ownership



WHAT WE
HEARD

Business Development

- need access to better foods
 - Corner stores and Family Dollar aren't grocery stores
 - No real access to vegetables, fruits, etc.
- Accountability from businesses/programs, can't come in then leave a few years later
 - community to help build businesses and take programs over once they started
 - Sustainability, accountability, and authenticity
 - Businesses built with and for the community, owned by community members, feel authentic
- Make businesses accessible to all members of the public, i.e. handicap access
 - benches/places to sit, fine line between placemaking and areas to loiter
- Safety is key through means of lighting, sight lines, cameras, and overall activity \
 - Program events throughout the summer to combat shootings since the streets would be packed with loved ones
- Need to differentiate youth with adolescents
 - Adolescents roughly 16-24 - looking for identity
 - Have to give them something to do or they'll find something to do



WHAT WE
HEARD

Housing and Redevelopment

- Where is Schenectady's Renaissance?
- How can we involve existing programs – Land Bank?
- Lack of housing for big families
- Can community have control over who is hired for major projects?
- High taxes BUT more house for your money
- Multi-modal transportation is key to get people from housing to other areas of the City
- Need affordable housing so redevelopment does not push current community out
- More education for landlords in preparing them for renting to large families (high eviction rates for larger families)
- Positive police presence



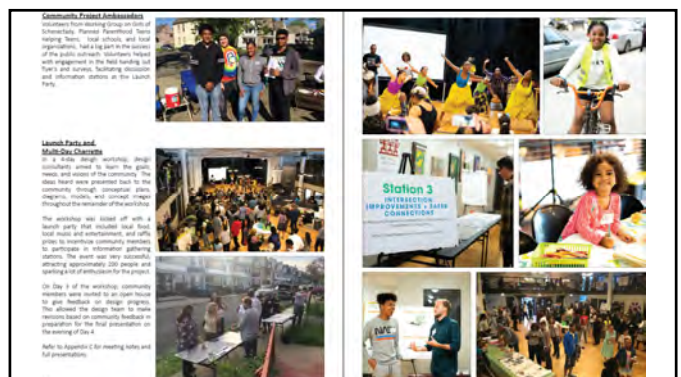
WHAT WE
HEARD

Youth Programming

- Better education to generate competitive opportunity
- Need to acknowledge that young people's opinions matter.
- Kids are the future – involve kids in decision making
- Social media – Instagram, snapchat
- Generational poverty – kids taught not to trust people who don't look like them out of survival and fear
- 24 hour crisis center for resources
- Show the kids their community loves them
- How do we make the corridor kid central and the to make sure that the public spaces we create stay that way
- Youth need access to positive adults, not necessarily "successful"
- Jobs for adolescents and young adults



WHAT WE
HEARD



A WEEK OF INTENSIVE DESIGN AND COLLABORATION



Five Stations
 Bike Comfort Survey
 Craig Street
 Gap Analysis
 Intersections
 Community Art and
 Neighborhood Pride



LAUNCH PARTY

CRAIG-MAIN CONNECTION

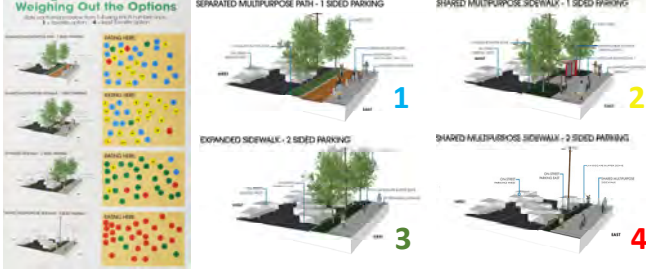
Which Bike Infrastructure Would You Use?
 Rate each image below on how comfortable you would be using each type of lane:
 1 = Very Comfortable 5 = Not Comfortable at All



LAUNCH PARTY

CRAIG-MAIN CONNECTION

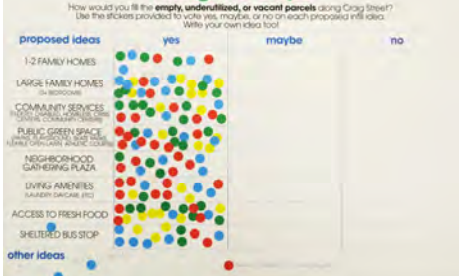
Craig Street Trade Off: Weighing Out the Options
 Rate each trade-off on how much you would like to see it on Craig Street:
 1 = Not at all 5 = Very much



LAUNCH PARTY

CRAIG-MAIN CONNECTION


Filling the Gaps
 How would you fill the empty, underutilized, or vacant parcels along Craig Street?
 Use the stickers provided to vote yes, maybe, or no on each proposed infill idea.
 Write your own idea too!



LAUNCH PARTY

CRAIG-MAIN CONNECTION


Filling the Gaps - Pleasant Valley Park
 What would you like to see at Pleasant Valley Park?
 Use the stickers provided to vote yes, maybe, or no on each proposed park programming idea.
 Write your own idea too!



LAUNCH PARTY

CRAIG-MAIN CONNECTION

Improving Crane Street + Main Ave
 What Services is the Crane - Main Intersection Missing?



LAUNCH PARTY

CRAIG-MAIN CONNECTION



CRAIG-MAIN CONNECTION
Share your ideas to improve your neighborhood through the Craig-Main Connection

**for the community
by the community**

from your vision to design



Key Features

- Reduce drive aisle to 10.5' to slow down traffic
- Eliminate on-street parking on east side of street
- 2-way dedicated multipurpose path from Electric City Barn to Pleasant Valley Park/Elementary
 - 4' Landscape buffer with street trees and decorative lighting
- Minimum 4' sidewalk zone
- Enhanced sidewalk zone on west side to include street trees
- Bumpouts at key intersections
 - Shortened pedestrian crossings
 - Site furnishings (benches, trash receptacles, wayfinding signage)
- Protected Multipurpose path and sidewalk across bridge
- Infill opportunities along Craig Street – Filling the gaps
 - Proposed development at Albany Street
 - Pocket parks
 - Affordable housing infill
 - Community orchard

CRAIG STREET





Lincoln Avenue

Stanley Street



CRAIG STREET
EXISTING

Lincoln Avenue

Stanley Street



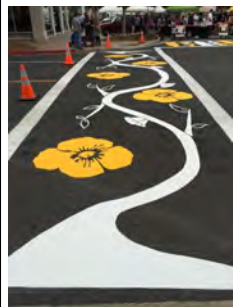
CRAIG STREET
PROPOSED



CRAIG / LINCOLN POCKET PARK
PROPOSED



CRAIG STREET



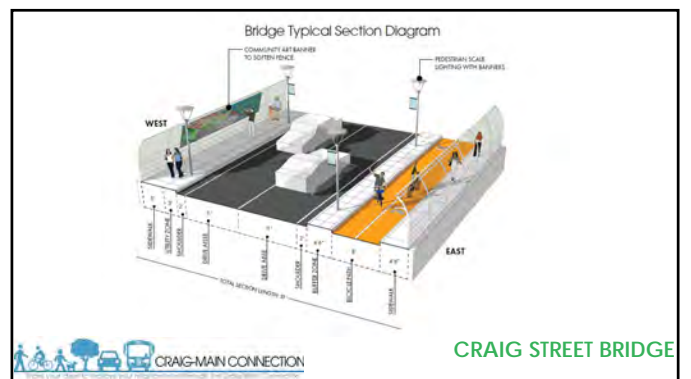
CRAIG STREET

Strong Street

Lincoln Avenue



CRAIG STREET
EXISTING





CRAIG STREET BRIDGE



PLEASANT VALLEY PARK
EXISTING



PLEASANT VALLEY PARK
EXISTING



YOUR NEW PARK
PROPOSED

Key Features

- Safe and direct connection from bridge
 - Pleasant Valley Elementary
 - Boys & Girls Club
 - Mont Pleasant Middle School
- 4-Court basketball
- Park shelter for picnics/shade
- Youth Park
 - Skate Board / Skating, BMX
 - Dancing, Gathering
- Art wall with mural
- Pull-up park
- Landscape buffer between park and vehicular use areas
- Connection to large open space



PLEASANT VALLEY PARK



YOUR NEW PARK



YOUR NEW PARK



YOUR NEW PARK



YOUR NEW PARK



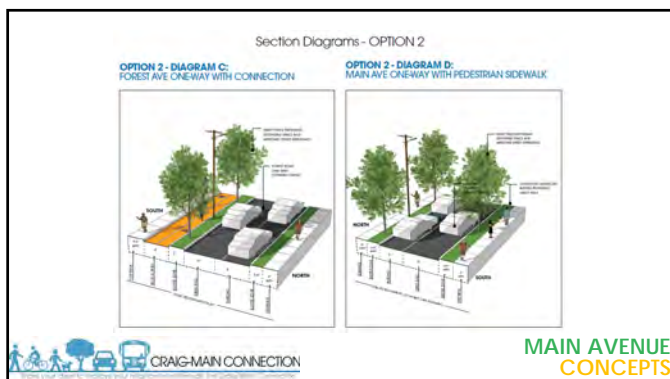
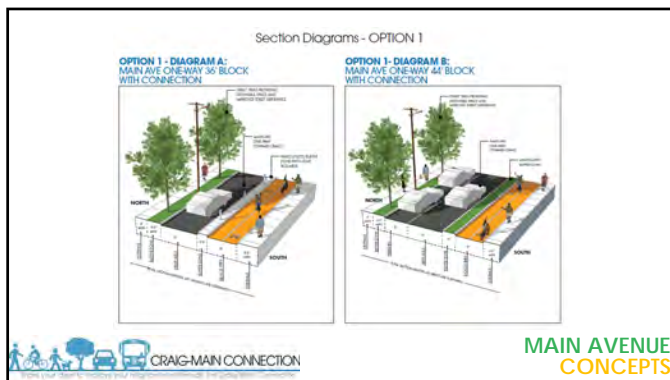
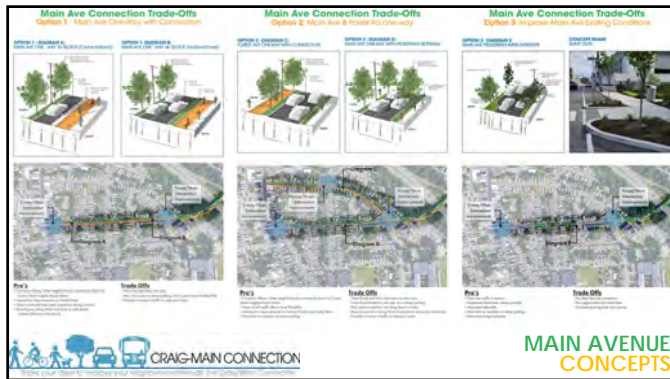
YOUR NEW PARK



MAIN AVENUE
EXISTING



MAIN AVENUE
EXISTING











phasing and implementation

<p>Craig Street Street Improvements</p> <ul style="list-style-type: none"> • Medium-Term • \$4 Million <p>Bridge Improvements</p> <ul style="list-style-type: none"> • Art - Short Term • Physical Roadway Improvements - Medium Term • \$950,000 <p>Pleasant Valley Park Improvements</p> <ul style="list-style-type: none"> • Phase 1 - Short Term • Phase 2 - Medium Term • \$663,000 	<p>Crane/Chrisler/Main Intersection Improvements</p> <ul style="list-style-type: none"> • Medium-Term • \$680,000 <p>Main Ave Traffic Analysis</p> <ul style="list-style-type: none"> • Study - Medium-Term • \$40,000 • Physical Roadway Improvements - Long Term
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 **CRAIG-MAIN CONNECTION**

Share your ideas to improve your neighborhood through the Craig-Main Connection

What could we do in the short term?

- Public art
- Intersection art
- Art banners on bridge
- Primary connection through Pleasant Valley Park
- Seek additional funding

Keep the momentum going and the community engaged!



design stations

Grab some icecream and stop by:

- Sign-In Table
- Craig Street (from Albany Street to Forest Road)
- Pleasant Valley Park
- Main Avenue (from Forest Road to Crane Street)
- Crane St and Main Ave Intersection

stick around!



musical performance
by Rell Dolo



stay connected

What's Happening Now and Ways to Stay Involved

- Thriving Neighborhoods Challenge
- Participate in Community Art / Beautification Components
- Workforce Training Program and List of Qualified Workers
- Ongoing Public Outreach and Momentum Building
- **Community Announcements**



Thank You!



APPENDIX D: COST ESTIMATION

[See Next Page for Table of Contents](#)



APPENDIX PAGE: D2 - D10
CRAIG AND MAIN OPTION 1:
SEPARATED TWO-WAY BICYCLE PATH
& PEDESTRIAN SIDEWALK



APPENDIX PAGE: D11 - D18
CRAIG AND MAIN OPTION 2:
SHARED BICYCLE PATH
& PEDESTRIAN SIDEWALK



APPENDIX PAGE: D19 - D26
CRAIG AND MAIN OPTION 3:
IMPROVED INTERSECTION
& PEDESTRIAN SIDEWALK



APPENDIX PAGE: D27 - D28
CRANE STREET/CHRISLER AVE/MAIN AVE
INTERSECTION IMPROVEMENTS



APPENDIX PAGE: D29 - D30
PLEASANT VALLEY PARK IMPROVEMENTS



OPTION 1: SEPARATED TWO-WAY BICYCLE PATH & PEDESTRIAN SIDEWALK

	Craig Street	Main Avenue
2019 Total Cost Estimates:	\$4,000,000	\$2,235,000
2020 Total Cost Estimates:	\$4,120,000	\$2,302,050
2021 Total Cost Estimates:	\$4,243,600	\$2,361,115
2022 Total Cost Estimates:	\$4,370,900	\$2,431,950

Preliminary Cost Estimates:

City of Schenectady Craig-Main Connection

Project: City of Schenectady Craig - Main Connection Preliminary Cost Estimates



**Note: Preliminary construction cost estimates based on industry standard 2019 pricing. Unit cost should be updated annually.*

Option: **On Street Parking West with Two-Way Cycle Track and Sidewalk East**

Date: 2019-07-24
Last Updated: 2019-09-10

ITEM	QUANTITY	UNIT	UNIT COST	TOTAL	SUBTOTALS	NOTES
General						
<i>Miscellaneous</i>						
- Craig Street Survey Layout	1	Allowance	\$25,000.00	\$25,000.00		Albany Street to Education Drive
- Main Ave Survey Layout	1	Allowance	\$16,000.00	\$16,000.00		Education Drive to Crane Street
- Pedestrian/Traffic Control	1	Allowance	\$15,000.00	\$15,000.00		
- Erosion and Sedimentation Control	1	Allowance	\$5,000.00	\$5,000.00		
				<i>Subtotal</i>	\$61,000.00	

Albany Street & Craig Street Intersection Improvements

<i>Intersection Improvements</i>						
- Crosswalk Striping	72	LF	\$18.00	\$1,296.00		
- Countdown Timers	1	Allowance	\$16,100.00	\$16,100.00		Includes pedestrian poles, heads, pull boxes, wiring
- Gateway Treatments	1	Allowance	\$30,000.00	\$30,000.00		Sculpture, public art, monumental signage, lighting, branding
				<i>Subtotal</i>	\$47,396.00	

Craig Street - Block 1 (Albany Street - Emmett Street)

<i>Roadway Improvements</i>						
Road	- 1.5" Milling of Roadway and On-Street Parking	1,400	SY	\$3.00	\$4,200.00	
	- 1.5" Bituminous Repaving of Roadway and On-Street Parking	115	TON	\$150.00	\$17,250.00	
<i>East Pedestrian/Bicyclist Improvements</i>						
Sidewalk	- 5" Bituminous Repaving of Roadway (Curb Replacement)	14	TON	\$150.00	\$2,100.00	
	- 12" Subbase for Repaving of Roadway (Curb Replacement)	20	CY	\$45.00	\$900.00	20% Compaction
	- 18" Excavation for Granite Curb	25	CY	\$18.50	\$462.50	Curb Excavation - 1'x1.5'
	- 6" (wide) Granite Curbing (Streetscape)	455	LF	\$40.00	\$18,200.00	
	- 12" Excavation for Concrete Sidewalk	190	CY	\$18.50	\$3,515.00	
	- 6" Concrete Paving	5,100	SF	\$10.00	\$51,000.00	
	- 6" Subbase for Concrete Paving	115	CY	\$45.00	\$5,175.00	20% Compaction
	- Driveway Curb Transition	1	EA	\$750.00	\$750.00	
	- Handicap Curb Transition	4	EA	\$550.00	\$2,200.00	
	- Cap Existing Drainage Structure and tie into with New Structure	3	EA	\$8,000.00	\$24,000.00	
	- Smart Lighting	5	EA	\$8,000.00	\$40,000.00	
	- Benches	2	EA	\$1,500.00	\$3,000.00	
	- Surface Mounted Bollards at Bump outs	12	EA	\$1,200.00	\$14,400.00	
	- 24" Structural Soil at Tree Pits	55	CY	\$65.00	\$3,575.00	20% Compaction, 10' width x BC-BOSW
	- 24" Excavation at Tree Pits	45	CY	\$18.50	\$832.50	10'x10'x2'
	- Street Trees	8	EA	\$650.00	\$5,200.00	
	- Paver-Grate System	8	EA	\$4,000.00	\$32,000.00	
<i>West Pedestrian/Bicyclist Improvements</i>						
Sidewalk	- 5" Bituminous Repaving of Roadway (Curb Replacement)	14	TON	\$150.00	\$2,100.00	
	- 12" Subbase for Repaving of Roadway (Curb Replacement)	20	CY	\$45.00	\$900.00	20% Compaction
	- 18" Excavation for Granite Curb	26	CY	\$18.50	\$481.00	Curb Excavation - 1'x1.5'
	- 6" (wide) Granite Curbing (Streetscape)	465	LF	\$40.00	\$18,600.00	
	- 12" Excavation for Concrete Sidewalk	200	CY	\$18.50	\$3,700.00	
	- 6" Concrete Paving	5,450	SF	\$10.00	\$54,500.00	
	- 6" Subbase for Concrete Paving	120	CY	\$45.00	\$5,400.00	20% Compaction
	- Driveway Curb Transition	0	EA	\$750.00	\$0.00	
	- Handicap Curb Transition	4	EA	\$550.00	\$2,200.00	
	- Cap Existing Drainage Structure and tie into with New Structure	2	EA	\$8,000.00	\$16,000.00	
	- Smart Lighting	5	EA	\$8,000.00	\$40,000.00	
	- Benches	2	EA	\$1,500.00	\$3,000.00	
	- Surface Mounted Bollards at Bump outs	12	EA	\$1,200.00	\$14,400.00	
	- 24" Structural Soil at Tree Pits	55	CY	\$65.00	\$3,575.00	20% Compaction, 10' width x BC-BOSW
	- 24" Excavation at Tree Pits	45	CY	\$18.50	\$832.50	10'x10'x2'
	- Street Trees	8	EA	\$650.00	\$5,200.00	
	- Paver-Grate System	8	EA	\$4,000.00	\$32,000.00	
				<i>Subtotal</i>	\$431,648.50	

Emmett Street & Craig Street Intersection Improvements

<i>Intersection Improvements</i>						
- Crosswalk Striping	107	LF	\$18.00	\$1,926.00		
- Countdown Timers	1	Allowance	\$33,700.00	\$33,700.00		Includes pedestrian poles, heads, pull boxes, wiring
- Cabinet, signal poles, signal heads, detection	1	Allowance	\$72,500.00	\$72,500.00		
- Wayfinding & Signage	1	Allowance	\$6,000.00	\$6,000.00		
				<i>Subtotal</i>	\$114,126.00	

Craig Street - Block 2 (Emmett Street - Stanley Street)

<i>Roadway Improvements</i>						
Road	- 1.5" Milling of Roadway and On-Street Parking	1,095	SY	\$3.00	\$3,285.00	
	- 1.5" Bituminous Repaving of Roadway and On-Street Parking	90	TON	\$150.00	\$13,500.00	
<i>East Pedestrian/Bicyclist Improvements</i>						
Sidewalk	- 18" Excavation for Granite Curb	20	CY	\$18.50	\$370.00	Curb Excavation - 1'x1.5'
	- 6" (wide) Granite Curbing (Streetscape)	370	LF	\$40.00	\$14,800.00	
	- 12" Excavation for Concrete Sidewalk	114	CY	\$18.50	\$2,109.00	
	- 6" Concrete Paving	2,570	SF	\$10.00	\$25,700.00	
	- 6" Subbase for Concrete Paving	58	CY	\$45.00	\$2,610.00	20% Compaction
	- Driveway Curb Transition	1	EA	\$750.00	\$750.00	
	- Handicap Curb Transition	4	EA	\$550.00	\$2,200.00	
	- Cap Existing Drainage Structure and tie into with New Structure	2	EA	\$8,000.00	\$16,000.00	
	- Surface Mounted Bollards	14	EA	\$1,200.00	\$16,800.00	
	- Bicycle Racks	0	EA	\$650.00	\$0.00	
	- Benches	0	EA	\$1,500.00	\$0.00	
Bicycle Path	- 18" Excavation for Bicycle Path	158	CY	\$18.50	\$2,923.00	
	- 12" Subbase for bicycle path subbase	126	CY	\$45.00	\$5,670.00	20% Compaction
	- 5" Bituminous paving of bicycle path	88	TON	\$150.00	\$13,200.00	
	- Thermoplastic Paint	1	Allowance	\$8,000.00	\$8,000.00	30' paint from intersections, Striping, Symbols
	- Signage	2	EA	\$600.00	\$1,200.00	
Buffer	- 5" Bituminous Repaving of Roadway (Curb Replacement)	26	TON	\$150.00	\$3,900.00	
	- 12" Subbase for Repaving of Roadway (Curb Replacement)	37	CY	\$45.00	\$1,665.00	20% Compaction
	- 18" Excavation for Granite Curb	47	CY	\$18.50	\$869.50	Curb Excavation - 1'x1.5'
	- 6" (wide) Granite Curbing (Streetscape)	845	LF	\$40.00	\$33,800.00	
	- 12" Excavation for Concrete Sidewalk (Bus Stop)	4	CY	\$18.50	\$74.00	
	- 6" Concrete Paving (Bus Stop)	100	SF	\$10.00	\$1,000.00	
	- 6" Subbase for Concrete Paving (Bus Stop)	3	CY	\$45.00	\$135.00	20% Compaction
	- 6" Excavation for topsoil & Seed	9	CY	\$18.50	\$166.50	
	- 6" Topsoil	8	CY	\$45.00	\$360.00	20% Compaction
	- Fine Grading and Seeding	342	SF	\$4.50	\$1,539.00	
	- 24" Structural Soil at Tree Pits	43	CY	\$65.00	\$2,795.00	20% Compaction, 10' width x BC-BOSW
	- 24" Excavation at Tree Pits	36	CY	\$18.50	\$666.00	10'x10'x2'
	- Trees	6	EA	\$800.00	\$4,800.00	
	- Existing Utilities Relocation	4	EA	Work by Utility Company		
	- Smart Lighting	4	EA	\$8,000.00	\$32,000.00	

CRAIG STREET

City of Schenectady Craig-Main Connection

Bus Stop	- 1.5" Milling of Parking Lot	1,400	SY	\$3.00	\$4,200.00		
	- 1.5" Bituminous Repaving of Parking Lot	117	TON	\$150.00	\$17,550.00		
	- 6" Excavation for topsoil & Seed	8	CY	\$18.50	\$148.00		
	- 6" Topsoil	10	CY	\$45.00	\$450.00		20% Compaction
	- Fine Grading and Seeding	450	SF	\$4.50	\$2,025.00		
	- Landscape Allowance	1	Allowance	\$5,000.00	\$5,000.00		
	- Striping Allowance	1	Allowance	\$2,000.00	\$2,000.00		
	- 12" Excavation for Concrete Sidewalk (Bus Stop)	26	CY	\$18.50	\$481.00		
	- 6" Concrete Paving (Bus Stop)	700	SF	\$10.00	\$7,000.00		
	- 6" Subbase for Concrete Paving (Bus Stop)	15	CY	\$45.00	\$675.00		20% Compaction
	- Bus Signage	1	EA	\$600.00	\$600.00		
	- Plaza Shelter	1	Allowance	\$20,000.00	\$20,000.00		
	- Bus Stop Raised Pedestrian Crossing	1	EA	\$2,500.00	\$2,500.00		10' wide, 8' transition
	- Bicycle Racks	2	EA	\$650.00	\$1,300.00		
	- Benches	2	EA	\$1,500.00	\$3,000.00		
West Pedestrian Improvements							
Sidewalk	- 5" Bituminous Repaving of Roadway (Curb Replacement)	12	TON	\$150.00	\$1,800.00		
	- 12" Subbase for Repaving of Roadway (Curb Replacement)	18	CY	\$45.00	\$810.00		20% Compaction
	- 18" Excavation for Granite Curb	22	CY	\$18.50	\$407.00		Curb Excavation - 1'x1.5'
	- 6" (wide) Granite Curbing (Streetscape)	400	LF	\$40.00	\$16,000.00		
	- 12" Excavation for Concrete Sidewalk	205	CY	\$18.50	\$3,792.50		
	- 6" Concrete Paving	5,542	SF	\$8.00	\$44,336.00		
	- 6" Subbase for Concrete Paving	120	CY	\$45.00	\$5,400.00		20% Compaction
	- Driveway Curb Transition	1	EA	\$750.00	\$750.00		
	- Handicap Curb Transition	4	EA	\$550.00	\$2,200.00		
	- Cap Existing Drainage Structure and tie into with New Structure	1	EA	\$8,000.00	\$8,000.00		
	- 24" Structural Soil at Tree Pits	77	CY	\$65.00	\$5,005.00		20% Compaction, 10' width x BC-BOSW
	- 24" Excavation at Tree Pits	64	CY	\$18.50	\$1,184.00		10'x10'x2'
	- Paver-Grate System	8	EA	\$4,000.00	\$32,000.00		
	- Trees	8	EA	\$800.00	\$6,400.00		
	- Surface Mounted Bollards at Bump outs	8	EA	\$1,200.00	\$9,600.00		
	- Existing Utility Pole Relocation	0	EA			Work by Utility Company	
	- Smart Lighting	4	EA	\$8,000.00	\$32,000.00		
Bus Stop	- Bus Stop Shelter	1	Allowance	\$10,000.00	\$10,000.00		
	- Benches	2	EA	\$1,500.00	\$3,000.00		
	- Bus Signage	1	EA	\$600.00	\$600.00		
	- Bicycle Racks	2	EA	\$650.00	\$1,300.00		
					Subtotal	\$464,400.50	
Stanley Street & Craig Street Intersection Improvements							
Intersection Improvements							
	- Crosswalk Striping	44	LF	\$18.00	\$792.00		
	- Wayfinding & Signage	1	Allowance	\$6,000.00	\$6,000.00		
					Subtotal	\$6,792.00	
Craig Street - Block 3 (Stanley Street-Delamont Ave)							
Roadway Improvements							
Road	- 1.5" Milling of Roadway and On-Street Parking	965	SY	\$3.00	\$2,895.00		
	- 1.5" Bituminous Repaving of Roadway and On-Street Parking	80	TON	\$150.00	\$12,000.00		
East Pedestrian/Bicyclist Improvements							
Sidewalk	- 18" Excavation for Granite Curb	18	CY	\$18.50	\$333.00		Curb Excavation - 1'x1.5'
	- 6" (wide) Granite Curbing (Streetscape)	320	LF	\$40.00	\$12,800.00		
	- 12" Excavation for Concrete Sidewalk	70	CY	\$18.50	\$1,295.00		
	- 6" Concrete Paving	1,900	SF	\$10.00	\$19,000.00		
	- 6" Subbase for Concrete Paving	42	CY	\$45.00	\$1,890.00		20% Compaction
	- Driveway Curb Transition	1	EA	\$750.00	\$750.00		
	- Handicap Curb Transition	4	EA	\$550.00	\$2,200.00		
	- Cap Existing Drainage Structure and tie into with New Structure	1	EA	\$8,000.00	\$8,000.00		
	- Surface Mounted Bollards	15	EA	\$1,200.00	\$18,000.00		
	- Bicycle Racks	0	EA	\$650.00	\$0.00		
	- Benches	0	EA	\$1,500.00	\$0.00		
Bicycle Path	- 18" Excavation for Bicycle Path	216	CY	\$18.50	\$3,996.00		
	- 12" Subbase for bicycle path subbase	173	CY	\$45.00	\$7,785.00		20% Compaction
	- 5" Bituminous paving of bicycle path	120	TON	\$150.00	\$18,000.00		
	- Thermoplastic Paint	1	Allowance	\$8,000.00	\$8,000.00		30' paint from intersections, Striping, Symbols
	- Signage	2	EA	\$600.00	\$1,200.00		
Buffer	- 5" Bituminous Repaving of Roadway (Curb Replacement)	8	TON	\$150.00	\$1,200.00		
	- 12" Subbase for Repaving of Roadway (Curb Replacement)	12	CY	\$45.00	\$540.00		20% Compaction
	- 18" Excavation for Granite Curb	18	CY	\$18.50	\$333.00		Curb Excavation - 1'x1.5'
	- 6" (wide) Granite Curbing (Streetscape)	526	LF	\$40.00	\$21,040.00		
	- 12" Excavation for Concrete Sidewalk (Buffer Zone)	28	CY	\$18.50	\$518.00		
	- 6" Concrete Paving (Buffer Zone)	640	SF	\$10.00	\$6,400.00		
	- 6" Subbase for Concrete Paving (Buffer Zone)	15	CY	\$45.00	\$675.00		20% Compaction
	- Surface Mounted Bollards	17	EA	\$1,200.00	\$20,400.00		
	- 6" Excavation for topsoil & Seed	0	CY	\$18.50	\$0.00		
	- 6" Topsoil	0	CY	\$45.00	\$0.00		20% Compaction
	- Fine Grading and Seeding	0	SF	\$4.50	\$0.00		
	- 24" Structural Soil at Tree Pits	0	CY	\$65.00	\$0.00		20% Compaction, 10' width x BC-BOSW
	- 24" Excavation at Tree Pits	0	CY	\$18.50	\$0.00		10'x10'x2'
	- Trees	0	EA	\$800.00	\$0.00		
	- Existing Utilities Relocation	1	EA			Work by Utility Company	
	- Smart Lighting	4	EA	\$8,000.00	\$32,000.00		
Bus Shelter	- Bus Stop Shelter	0	Allowance	\$10,000.00	\$0.00		
	- Benches	0	EA	\$1,500.00	\$0.00		
	- Bus Signage	0	EA	\$600.00	\$0.00		
	- Bicycle Racks	0	EA	\$650.00	\$0.00		
West Pedestrian Improvements							
Sidewalk	- 5" Bituminous Repaving of Roadway (Curb Replacement)	9	TON	\$150.00	\$1,350.00		
	- 12" Subbase for Repaving of Roadway (Curb Replacement)	14	CY	\$45.00	\$630.00		20% Compaction
	- 18" Excavation for Granite Curb	17	CY	\$18.50	\$314.50		Curb Excavation - 1'x1.5'
	- 6" (wide) Granite Curbing (Streetscape)	300	LF	\$40.00	\$12,000.00		
	- 12" Excavation for Concrete Sidewalk	122	CY	\$18.50	\$2,257.00		
	- 6" Concrete Paving	3,300	SF	\$8.00	\$26,400.00		
	- 6" Subbase for Concrete Paving	73	CY	\$45.00	\$3,285.00		20% Compaction
	- Driveway Curb Transition	0	EA	\$750.00	\$0.00		
	- Handicap Curb Transition	4	EA	\$550.00	\$2,200.00		
	- Cap Existing Drainage Structure and tie into with New Structure	1	EA	\$8,000.00	\$8,000.00		
	- 24" Structural Soil at Tree Pits	60	CY	\$65.00	\$3,900.00		20% Compaction, 10' width x BC-BOSW
	- 24" Excavation at Tree Pits	50	CY	\$18.50	\$925.00		10'x10'x2'
	- Paver-Grate System	6	EA	\$4,000.00	\$24,000.00		
	- Trees	6	EA	\$800.00	\$4,800.00		
	- Existing Utility Pole Relocation	0	EA			Work by Utility Company	
	- Surface Mounted Bollards at Bump outs	6	EA	\$1,200.00	\$7,200.00		
	- Smart Lighting	4	EA	\$8,000.00	\$32,000.00		
Bus Stop	- Bus Stop Shelter	0	Allowance	\$10,000.00	\$0.00		
	- Benches	0	EA	\$1,500.00	\$0.00		
	- Bus Signage	0	EA	\$600.00	\$0.00		
	- Bicycle Racks	0	EA	\$650.00	\$0.00		
					Subtotal	\$330,511.50	

CRAIG STREET

City of Schenectady Craig-Main Connection

Delamont Ave & Craig Street Intersection Improvements

Intersection Improvements						
- Crosswalk Striping	124	LF	\$18.00	\$2,232.00		
- Pedestrian Signals	1	Allowance	\$33,700.00	\$33,700.00		Includes pedestrian poles, heads, pull boxes, wiring
- Cabinet, Poles, Detection, Signal Heads	1	Allowance	\$72,500.00	\$72,500.00		
				Subtotal	\$108,432.00	

Craig Street - Block 4 (Delamont Ave-Lincoln Ave)

Roadway Improvements						
Road	- 1.5" Milling of Roadway and On-Street Parking	965	SY	\$3.00	\$2,895.00	
	- 1.5" Bituminous Repaving of Roadway and On-Street Parking	81	TON	\$150.00	\$12,150.00	
East Pedestrian/Bicyclist Improvements						
Sidewalk	- 12" Subbase for Repaving of Roadway (Curb Replacement)	15	CY	\$45.00	\$675.00	20% Compaction
	- 18" Excavation for Granite Curb	6	CY	\$18.50	\$111.00	Curb Excavation - 1'x1.5'
	- 6" (wide) Granite Curbing (Streetscape)	340	LF	\$40.00	\$13,600.00	
	- 12" Excavation for Concrete Sidewalk	70	CY	\$18.50	\$1,295.00	
	- 6" Concrete Paving	1,860	SF	\$10.00	\$18,600.00	
	- 6" Subbase for Concrete Paving	42	CY	\$45.00	\$1,890.00	20% Compaction
	- Driveway Curb Transition	2	EA	\$750.00	\$1,500.00	
	- Handicap Curb Transition	4	EA	\$550.00	\$2,200.00	
	- Cap Existing Drainage Structure and tie into with New Structure	1	EA	\$8,000.00	\$8,000.00	
	- Surface Mounted Bollards	15	EA	\$1,200.00	\$18,000.00	
	- Bicycle Racks	0	EA	\$650.00	\$0.00	
	- Benches	0	EA	\$1,500.00	\$0.00	
Bicycle Path	- 18" Excavation for Bicycle Path	250	CY	\$18.50	\$4,625.00	Curb Excavation - 1'x1.5'
	- 12" Subbase for bicycle path subbase	200	CY	\$45.00	\$9,000.00	20% Compaction
	- 5" Bituminous paving of bicycle path	140	TON	\$150.00	\$21,000.00	
	- Thermoplastic Paint	1	Allowance	\$8,000.00	\$8,000.00	30' paint from intersections, Striping, Symbols
	- Signage	2	EA	\$600.00	\$1,200.00	
Buffer	- 5" Bituminous Repaving of Roadway (Curb Replacement)	8	TON	\$150.00	\$1,200.00	
	- 12" Subbase for Repaving of Roadway (Curb Replacement)	22	CY	\$45.00	\$990.00	20% Compaction
	- 18" Excavation for Granite Curb	28	CY	\$18.50	\$518.00	Curb Excavation - 1'x1.5'
	- 6" (wide) Granite Curbing (Streetscape)	500	LF	\$40.00	\$20,000.00	
	- 12" Excavation for Concrete Sidewalk (Bus Stop)	5	CY	\$18.50	\$92.50	
	- 6" Concrete Paving (Bus Stop)	140	SF	\$10.00	\$1,400.00	
	- 6" Subbase for Concrete Paving (Bus Stop)	3	CY	\$45.00	\$135.00	20% Compaction
	- 6" Excavation for topsoil & Seed	22	CY	\$18.50	\$407.00	
	- 6" Topsoil	26	CY	\$45.00	\$1,170.00	20% Compaction
	- Fine Grading and Seeding	1,160	SF	\$4.50	\$5,220.00	
	- 24" Structural Soil at Tree Pits	45	CY	\$65.00	\$2,925.00	20% Compaction, 10' width x BC-BOSW
	- 24" Excavation at Tree Pits	55	CY	\$18.50	\$1,017.50	10'x10'x2'
	- Trees	5	EA	\$800.00	\$4,000.00	
	- Existing Utilities Relocation	1	EA	Work by Utility Company		
	- Smart Lighting	4	EA	\$8,000.00	\$32,000.00	
Bus Stop	- Bus Shelter	1	Allowance	\$10,000.00	\$10,000.00	
	- Bus Stop Raised Pedestrian Crossing	1	EA	\$2,500.00	\$2,500.00	10' wide, 8' transition
	- Bicycle Racks	1	EA	\$650.00	\$650.00	
	- Bus Signage	1	EA	\$600.00	\$600.00	
	- Benches	2	EA	\$1,500.00	\$3,000.00	
West Pedestrian Improvements						
Sidewalk	- 5" Bituminous Repaving of Roadway (Curb Replacement)	10	TON	\$150.00	\$1,500.00	
	- 12" Subbase for Repaving of Roadway (Curb Replacement)	15	CY	\$45.00	\$675.00	20% Compaction
	- 18" Excavation for Granite Curb	18	CY	\$18.50	\$333.00	Curb Excavation - 1'x1.5'
	- 6" (wide) Granite Curbing (Streetscape)	330	LF	\$40.00	\$13,200.00	
	- 12" Excavation for Concrete Sidewalk	136	CY	\$18.50	\$2,516.00	
	- 6" Concrete Paving	3,665	SF	\$10.00	\$36,650.00	
	- 6" Subbase for Concrete Paving	82	CY	\$45.00	\$3,690.00	20% Compaction
	- Driveway Curb Transition	0	EA	\$750.00	\$0.00	
	- Handicap Curb Transition	4	EA	\$550.00	\$2,200.00	
	- Cap Existing Drainage Structure and tie into with New Structure	1	EA	\$8,000.00	\$8,000.00	
	- 24" Structural Soil at Tree Pits	60	CY	\$65.00	\$3,900.00	20% Compaction, 10' width x BC-BOSW
	- 24" Excavation at Tree Pits	50	CY	\$18.50	\$925.00	10'x10'x2'
	- Paver-Grate System	6	EA	\$4,000.00	\$24,000.00	
	- Trees	6	EA	\$800.00	\$4,800.00	
	- Surface Mounted Bollards at Bump outs	8	EA	\$1,200.00	\$9,600.00	
	- Existing Utility Pole Relocation	0	EA	Work by Utility Company		
	- Smart Lighting	4	EA	\$8,000.00	\$32,000.00	
Bus Stop	- Bus Shelter	1	Allowance	\$10,000.00	\$10,000.00	
	- Bicycle Racks	1	EA	\$650.00	\$650.00	
	- Benches	2	EA	\$1,500.00	\$3,000.00	
	- Bus Signage	1	EA	\$600.00	\$600.00	
	- Thermoplastic Paint	215	SF	\$15.00	\$3,225.00	
				Subtotal	\$374,030.00	

Lincoln Ave & Craig Street Intersection Improvements

Intersection Improvements						
- Crosswalk Striping	131	LF	\$18.00	\$2,358.00		
- Wayfinding & Signage	1	Allowance	\$6,000.00	\$6,000.00		
				Subtotal	\$8,358.00	

Craig Street - Block 5 (Lincoln Ave-Duane Ave)

Roadway Improvements						
Road	- 1.5" Milling of Roadway and On-Street Parking	960	SY	\$3.00	\$2,880.00	
	- 1.5" Bituminous Repaving of Roadway and On-Street Parking	80	TON	\$150.00	\$12,000.00	
East Pedestrian/Bicyclist Improvements						
Sidewalk	- 18" Excavation for Granite Curb	17	CY	\$18.50	\$314.50	Curb Excavation - 1'x1.5'
	- 6" (wide) Granite Curbing (Streetscape)	310	LF	\$40.00	\$12,400.00	
	- 12" Excavation for Concrete Sidewalk	70	CY	\$18.50	\$1,295.00	
	- 6" Concrete Paving	1,860	SF	\$10.00	\$18,600.00	
	- 6" Subbase for Concrete Paving	40	CY	\$45.00	\$1,800.00	20% Compaction
	- Driveway Curb Transition	0	EA	\$750.00	\$0.00	
	- Handicap Curb Transition	4	EA	\$550.00	\$2,200.00	
	- Cap Existing Drainage Structure and tie into with New Structure	2	EA	\$8,000.00	\$16,000.00	
	- Surface Mounted Bollards	15	EA	\$1,200.00	\$18,000.00	
	- Bicycle Racks	0	EA	\$650.00	\$0.00	
	- Benches	0	EA	\$1,500.00	\$0.00	
Bicycle Path	- 18" Excavation for Bicycle Path	250	CY	\$18.50	\$4,625.00	
	- 12" Subbase for bicycle path subbase	200	CY	\$45.00	\$9,000.00	20% Compaction
	- 5" Bituminous paving of bicycle path	140	TON	\$150.00	\$21,000.00	
	- Thermoplastic Paint	1	Allowance	\$8,000.00	\$8,000.00	30' paint from intersections, Striping, Symbols
	- Signage	2	EA	\$600.00	\$1,200.00	
Buffer	- 5" Bituminous Repaving of Roadway (Curb Replacement)	8	TON	\$150.00	\$1,200.00	
	- 12" Subbase for Repaving of Roadway (Curb Replacement)	11	CY	\$45.00	\$495.00	20% Compaction
	- 18" Excavation for Granite Curb	30	CY	\$18.50	\$555.00	Curb Excavation - 1'x1.5'
	- 6" (wide) Granite Curbing (Streetscape)	532	LF	\$40.00	\$21,280.00	
	- 12" Excavation for Concrete Sidewalk (Bus Stop)	0	CY	\$18.50	\$0.00	Curb Excavation - 1'x1.5'
	- 6" Concrete Paving (Bus Stop)	0	SF	\$10.00	\$0.00	
	- 6" Subbase for Concrete Paving (Bus Stop)	0	CY	\$45.00	\$0.00	20% Compaction
	- 6" Excavation for topsoil & Seed	35	CY	\$18.50	\$647.50	
	- 6" Topsoil	42	CY	\$45.00	\$1,890.00	20% Compaction
	- Fine Grading and Seeding	1,875	SF	\$4.50	\$8,437.50	20% Compaction
	- 24" Structural Soil at Tree Pits	88	CY	\$65.00	\$5,720.00	20% Contingency, 10' width x BC-BOSW
	- 24" Excavation at Tree Pits	64	CY	\$18.50	\$1,184.00	10'x10'x2'
	- Trees	8	EA	\$800.00	\$6,400.00	
	- Existing Utilities Relocation	1	EA	Work by Utility Company		
	- Smart Lighting	4	EA	\$8,000.00	\$32,000.00	
Bus Stop	- Bus Stop Shelter	0	Allowance	\$10,000.00	\$0.00	
	- Benches	0	EA	\$1,500.00	\$0.00	
	- Bus Signage	0	EA	\$600.00	\$0.00	
	- Bicycle Racks	0	EA	\$650.00	\$0.00	

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CRAIG STREET
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Preliminary Cost Estimates:

City of Schenectady Craig-Main Connection

Sidewalk	West Pedestrian Improvements						
	- 5" Bituminous Repaving of Roadway (Curb Replacement)	10	TON	\$150.00	\$1,500.00		
	- 12" Subbase for Repaving of Roadway (Curb Replacement)	14	CY	\$45.00	\$630.00		20% Compaction
	- 18" Excavation for Granite Curb	18	CY	\$18.50	\$333.00		Curb Excavation - 1'x1.5'
	- 6" (wide) Granite Curbing (Streetscape)	322	LF	\$40.00	\$12,880.00		
	- 12" Excavation for Concrete Sidewalk	146	CY	\$18.50	\$2,701.00		
	- 6" Concrete Paving	3,292	SF	\$10.00	\$32,920.00		
	- 6" Subbase for Concrete Paving	73	CY	\$45.00	\$3,285.00		20% Compaction
	- Driveway Curb Transition	0	EA	\$750.00	\$0.00		
	- Handicap Curb Transition	4	EA	\$550.00	\$2,200.00		
	- Cap Existing Drainage Structure and tie into with New Structure	1	EA	\$8,000.00	\$8,000.00		
	- 24" Structural Soil at Tree Pits	54	CY	\$65.00	\$3,510.00		20% Compaction, 10' width x BC-BOSW
	- 24" Excavation at Tree Pits	45	CY	\$18.50	\$832.50		10'x10'x2'
	- Paver-Grate System	6	EA	\$4,000.00	\$24,000.00		
	- Trees	6	EA	\$800.00	\$4,800.00		
	- Surface Mounted Bollards at Bump outs	6	EA	\$1,200.00	\$7,200.00		
	- Existing Utility Pole Relocation	0	EA			Work by Utility Company	
	- Smart Lighting	4	EA	\$8,000.00	\$32,000.00		
Bus Stop	- Bus Shelter	0	Allowance	\$10,000.00	\$0.00		
	- Bicycle Racks	0	EA	\$650.00	\$0.00		
	- Benches	0	EA	\$1,500.00	\$0.00		
	- Thermoplastic Paint	0	SF	\$15.00	\$0.00		
	- Bus Signage	0	EA	\$600.00	\$0.00		
Subtotal					\$345,915.00		

Duane Ave & Craig Street Intersection Improvements

Intersection Improvements						
- Crosswalk Striping	136	LF	\$18.00	\$2,448.00		
- Pedestrian Signals	1	Allowance	\$33,700.00	\$33,700.00		Includes pedestrian poles, heads, pull boxes, wiring
Subtotal					\$36,148.00	

Craig Street - Block 6 (Duane Ave-Strong Street)

Roadway Improvements							
Road	- 1.5" Milling of Roadway and On-Street Parking	800	SY	\$3.00	\$2,400.00		
	- 1.5" Bituminous Repaving of Roadway and On-Street Parking	67	TON	\$150.00	\$10,050.00		
East Pedestrian/Bicyclist Improvements							
Sidewalk	- 18" Excavation for Granite Curb	16	CY	\$18.50	\$296.00		Curb Excavation - 1'x1.5'
	- 6" (wide) Granite Curbing (Streetscape)	290	LF	\$40.00	\$11,600.00		
	- 12" Excavation for Concrete Sidewalk	70	CY	\$18.50	\$1,295.00		
	- 6" Concrete Paving	1,911	SF	\$10.00	\$19,110.00		
	- 6" Subbase for Concrete Paving	42	CY	\$45.00	\$1,890.00		20% Compaction
	- Driveway Curb Transition	1	EA	\$750.00	\$750.00		
	- Handicap Curb Transition	4	EA	\$550.00	\$2,200.00		
	- Cap Existing Drainage Structure and tie into with New Structure	2	EA	\$8,000.00	\$16,000.00		
	- Surface Mounted Bollards	10	EA	\$1,200.00	\$12,000.00		
	- Bicycle Racks	0	EA	\$650.00	\$0.00		
	- Benches	0	EA	\$1,500.00	\$0.00		
Bicycle Path	- 18" Excavation for Bicycle Path	180	CY	\$18.50	\$3,330.00		
	- 12" Subbase for bicycle path subbase	124	CY	\$45.00	\$5,580.00		20% Compaction
	- 5" Bituminous paving of bicycle path	100	TON	\$150.00	\$15,000.00		
	- Thermoplastic Paint	1	Allowance	\$8,000.00	\$8,000.00		30' paint from intersections, Striping, Symbols
	- Signage	4	EA	\$600.00	\$2,400.00		
Buffer	- 5" Bituminous Repaving of Roadway (Curb Replacement)	6	TON	\$150.00	\$900.00		
	- 12" Subbase for Repaving of Roadway (Curb Replacement)	9	CY	\$45.00	\$405.00		20% Compaction
	- 18" Excavation for Granite Curb	11	CY	\$18.50	\$203.50		Curb Excavation - 1'x1.5'
	- 6" (wide) Granite Curbing (Streetscape)	400	LF	\$40.00	\$16,000.00		
	- 12" Excavation for Concrete Sidewalk (Bus Stop)	6	CY	\$18.50	\$111.00		
	- 6" Concrete Paving (Bus Stop)	150	SF	\$10.00	\$1,500.00		
	- 6" Subbase for Concrete Paving (Bus Stop)	4	CY	\$45.00	\$180.00		20% Compaction
	- 6" Excavation for topsoil & Seed	14	CY	\$18.50	\$259.00		
	- 6" Topsoil	17	CY	\$45.00	\$765.00		20% Compaction
	- Fine Grading and Seeding	752	SF	\$4.50	\$3,384.00		
	- 24" Structural Soil at Tree Pits	44	CY	\$65.00	\$2,860.00		20% Compaction, 10' width x 8C-BOSW
	- 24" Excavation at Tree Pits	32	CY	\$18.50	\$592.00		10'x10'x2'
	- Trees	4	EA	\$800.00	\$3,200.00		
	- Existing Utility Pole Relocation	0	EA			Work by Utility Company	
- Smart Lighting	3	EA	\$8,000.00	\$24,000.00			
Bus Stop	- Bus Shelter	1	Allowance	\$10,000.00	\$10,000.00		
	- Bus Stop Raised Pedestrian Crossing	1	EA	\$2,500.00	\$2,500.00		10' wide, 8' transition
	- Bicycle Racks	1	EA	\$650.00	\$650.00		
	- Bus Signage	1	EA	\$600.00	\$600.00		
	- Benches	2	EA	\$1,500.00	\$3,000.00		
West Pedestrian Improvements							
Sidewalk	- 5" Bituminous Repaving of Roadway (Curb Replacement)	11	TON	\$150.00	\$1,650.00		
	- 12" Subbase for Repaving of Roadway (Curb Replacement)	16	CY	\$45.00	\$720.00		20% Compaction
	- 18" Excavation for Granite Curb	20	CY	\$18.50	\$370.00		Curb Excavation - 1'x1.5'
	- 6" (wide) Granite Curbing (Streetscape)	365	LF	\$40.00	\$14,600.00		
	- 12" Excavation for Concrete Sidewalk	140	CY	\$18.50	\$2,590.00		
	- 6" Concrete Paving	3,800	SF	\$10.00	\$38,000.00		
	- 6" Subbase for Concrete Paving	84	CY	\$45.00	\$3,780.00		20% Compaction
	- Driveway Curb Transition	0	EA	\$750.00	\$0.00		
	- Handicap Curb Transition	4	EA	\$550.00	\$2,200.00		
	- Cap Existing Drainage Structure and tie into with New Structure	1	EA	\$8,000.00	\$8,000.00		
	- 24" Structural Soil at Tree Pits	66	CY	\$65.00	\$4,290.00		20% Compaction, 10' width x 8C-BOSW
	- 24" Excavation at Tree Pits	44	CY	\$18.50	\$814.00		10'x10'x2'
	- Paver-Grate System	6	EA	\$4,000.00	\$24,000.00		
	- Trees	6	EA	\$800.00	\$4,800.00		
	- Surface Mounted Bollards at Bump outs	8	EA	\$1,200.00	\$9,600.00		
	- Existing Utility Pole Relocation	0	EA			Work by Utility Company	
- Smart Lighting	3	EA	\$8,000.00	\$24,000.00			
Bus Stop	- Bus Shelter	1	Allowance	\$10,000.00	\$10,000.00		
	- Bicycle Racks	1	EA	\$650.00	\$650.00		
	- Benches	2	EA	\$1,500.00	\$3,000.00		
	- Thermoplastic Paint	200	SF	\$15.00	\$3,000.00		
	- Bus Signage	1	EA	\$600.00	\$600.00		
				Subtotal	\$339,674.50		

Strong Street & Craig Street Intersection Improvements

Intersection Improvements						
- Crosswalk Striping	50	LF	\$18.00	\$900.00		Across Strong St.
Subtotal					\$900.00	

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CRAIG STREET

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Preliminary Cost Estimates:

City of Schenectady Craig-Main Connection

Roadway Improvements							
Road	- 1.5" Milling of Roadway and On-Street Parking	432	SY	\$3.00	\$1,296.00		
	- 1.5" Bituminous Repaving of Roadway and On-Street Parking	36	TON	\$150.00	\$5,400.00		
East Pedestrian/Bicyclist Improvements							
Sidewalk	- 18" Excavation for Granite Curb	15	CY	\$18.50	\$277.50		Curb Excavation - 1'x1.5'
	- 6" (wide) Granite Curbing (Streetscape)	260	LF	\$40.00	\$10,400.00		
	- 12" Excavation for Concrete Sidewalk	55	CY	\$18.50	\$1,017.50		
	- 6" Concrete Paving	1,490	SF	\$10.00	\$14,900.00		
	- 6" Subbase for Concrete Paving	30	CY	\$45.00	\$1,350.00		20% Compaction
	- Driveway Curb Transition	0	EA	\$750.00	\$0.00		
	- Handicap Curb Transition	4	EA	\$550.00	\$2,200.00		
	- Cap Existing Drainage Structure and tie into with New Structure	1	EA	\$8,000.00	\$8,000.00		
	- Surface Mounted Bollards	10	EA	\$1,200.00	\$12,000.00		
	- Bicycle Racks	0	EA	\$650.00	\$0.00		
	- Benches	0	EA	\$1,500.00	\$0.00		
Bicycle Path	- 18" Excavation for Bicycle Path	19	CY	\$18.50	\$351.50		
	- 12" Subbase for bicycle path subbase	100	CY	\$45.00	\$4,500.00		20% Compaction
	- 5" Bituminous paving of bicycle path	73	TON	\$150.00	\$10,950.00		
	- Thermoplastic Paint	1	Allowance	\$8,000.00	\$8,000.00		30' paint from intersections, Striping, Symbols
	- Signage	2	EA	\$600.00	\$1,200.00		
Buffer	- 5" Bituminous Repaving of Roadway (Curb Replacement)	5	TON	\$150.00	\$750.00		
	- 12" Subbase for Repaving of Roadway (Curb Replacement)	6	CY	\$45.00	\$270.00		20% Compaction
	- 18" Excavation for Granite Curb	17	CY	\$18.50	\$314.50		Curb Excavation - 1'x1.5'
	- 6" (wide) Granite Curbing (Streetscape)	300	LF	\$40.00	\$12,000.00		
	- 12" Excavation for Concrete Sidewalk (Bus Stop)	0	CY	\$18.50	\$0.00		
	- 6" Concrete Paving (Bus Stop)	0	SF	\$10.00	\$0.00		
	- 6" Subbase for Concrete Paving (Bus Stop)	0	CY	\$45.00	\$0.00		20% Compaction
	- 6" Excavation for topsoil & Seed	11	CY	\$18.50	\$203.50		
	- 6" Topsoil	13	CY	\$45.00	\$585.00		20% Compaction
	- Fine Grading and Seeding	585	SF	\$4.50	\$2,632.50		
	- 24" Structural Soil at Tree Pits	90	CY	\$65.00	\$5,850.00		20% Compaction, 10' width x BC-BOSW
	- 24" Excavation at Tree Pits	75	CY	\$18.50	\$1,387.50		10'x10'x2'
	- Trees	5	EA	\$800.00	\$4,000.00		
	- Existing Utilities Relocation	0	EA			Work by Utility Company	
	- Smart Lighting	3	EA	\$8,000.00	\$24,000.00		
Bus Stop	- Bus Shelter	0	Allowance	\$10,000.00	\$0.00		
	- Bicycle Racks	0	EA	\$650.00	\$0.00		
	- Benches	0	EA	\$1,500.00	\$0.00		
	- Thermoplastic Paint	0	SF	\$15.00	\$0.00		
	- Bus Signage	0	EA	\$600.00	\$0.00		
West Pedestrian Improvements							
Sidewalk	- 5" Bituminous Repaving of Roadway (Curb Replacement)	7	TON	\$150.00	\$1,050.00		
	- 12" Subbase for Repaving of Roadway (Curb Replacement)	11	CY	\$45.00	\$495.00		20% Compaction
	- 18" Excavation for Granite Curb	13	CY	\$18.50	\$240.50		Curb Excavation - 1'x1.5'
	- 6" (wide) Granite Curbing (Streetscape)	240	LF	\$40.00	\$9,600.00		
	- 12" Excavation for Concrete Sidewalk	67	CY	\$18.50	\$1,239.50		
	- 6" Concrete Paving	1,820	SF	\$10.00	\$18,200.00		
	- 6" Subbase for Concrete Paving	40	CY	\$45.00	\$1,800.00		20% Compaction
	- Driveway Curb Transition	0	EA	\$750.00	\$0.00		
	- Handicap Curb Transition	4	EA	\$550.00	\$2,200.00		
	- Cap Existing Drainage Structure and tie into with New Structure	0	EA	\$8,000.00	\$0.00		
	- 24" Structural Soil at Tree Pits	33	CY	\$65.00	\$2,145.00		20% Compaction, 10' width x BC-BOSW
	- 24" Excavation at Tree Pits	24	CY	\$18.50	\$444.00		10'x10'x2'
	- Paver-Grate System	3	EA	\$4,000.00	\$12,000.00		
	- Trees	3	EA	\$800.00	\$2,400.00		
	- Surface Mounted Bollards at Bump outs	0	EA	\$1,200.00	\$0.00		
	- Existing Utility Pole Relocation	0	EA			Work by Utility Company	
	- Smart Lighting	2	EA	\$8,000.00	\$16,000.00		
Bus Stop	- Bus Shelter	0	Allowance	\$10,000.00	\$0.00		
	- Bicycle Racks	0	EA	\$650.00	\$0.00		
	- Benches	0	EA	\$1,500.00	\$0.00		
	- Thermoplastic Paint	0	SF	\$15.00	\$0.00		
	- Bus Signage	0	EA	\$600.00	\$0.00		
					Subtotal	\$201,649.50	
Wyllie Street & Craig Street Intersection Improvements							
Intersection Improvements							
					Subtotal	\$0.00	
Bridge - Block 8 (Wyllie Street-Education Drive)							
Improvements							
- Bridge Improvement Allowance (Assumes Deck is in fair condition and does NOT include Full Deck Replacement)		1	Allowance	\$480,000.00	\$480,000.00		
- Streetscape Improvement Allowance from end of bridge to Education Drive		1	Allowance	\$200,000.00	\$200,000.00		
					Subtotal	\$680,000.00	
Education Drive & Main Ave Intersection Improvements							
Intersection Improvements							
					Subtotal	\$0.00	
Main Avenue - Block 9 (Education Drive-Forest Road)							
Roadway Improvements							
Road	- 1.5" Milling of Roadway and On-Street Parking	700	SY	\$3.00	\$2,100.00		
	- 1.5" Bituminous Repaving of Roadway and On-Street Parking	58	TON	\$150.00	\$8,700.00		
South Pedestrian/Bicyclist Improvements							
Sidewalk	- 18" Excavation for Granite Curb	20	CY	\$18.50	\$370.00		Curb Excavation - 1'x1.5'
	- 6" (wide) Granite Curbing (Streetscape)	350	LF	\$40.00	\$14,000.00		
	- 12" Excavation for Concrete Sidewalk	82	CY	\$18.50	\$1,517.00		
	- 6" Concrete Paving	2,211	SF	\$10.00	\$22,110.00		
	- 6" Subbase for Concrete Paving	50	CY	\$45.00	\$2,250.00		20% Compaction
	- Driveway Curb Transition	2	EA	\$750.00	\$1,500.00		
	- Handicap Curb Transition	3	EA	\$550.00	\$1,650.00		
	- Cap Existing Drainage Structure and tie into with New Structure	1	EA	\$8,000.00	\$8,000.00		
	- Surface Mounted Bollards	16	EA	\$1,200.00	\$19,200.00		
	- Bicycle Racks	2	EA	\$650.00	\$1,300.00		
	- Benches	4	EA	\$1,500.00	\$6,000.00		
Bicycle Path	- 18" Excavation for Bicycle Path	186	CY	\$18.50	\$3,441.00		
	- 12" Subbase for bicycle path subbase	150	CY	\$45.00	\$6,750.00		20% Compaction
	- 5" Bituminous paving of bicycle path	103	TON	\$150.00	\$15,450.00		
	- Thermoplastic Paint	1	Allowance	\$8,000.00	\$8,000.00		30' paint from intersections, Striping, Symbols
	- Signage	2	EA	\$600.00	\$1,200.00		
Buffer	- 5" Bituminous Repaving of Roadway (Curb Replacement)	8	TON	\$150.00	\$1,200.00		
	- 12" Subbase for Repaving of Roadway (Curb Replacement)	10	CY	\$45.00	\$450.00		20% Compaction
	- 18" Excavation for Granite Curb	26	CY	\$18.50	\$481.00		Curb Excavation - 1'x1.5'
	- 6" (wide) Granite Curbing (Streetscape)	471	LF	\$40.00	\$18,840.00		
	- 12" Excavation for Concrete Sidewalk (Buffer Zone)	20	CY	\$18.50	\$370.00		
	- 6" Concrete Paving (Buffer Zone)	530	SF	\$10.00	\$5,300.00		
	- 6" Subbase for Concrete Paving (Buffer Zone)	12	CY	\$45.00	\$540.00		20% Compaction
	- Surface Mounted Bollards	15	EA	\$1,200.00	\$18,000.00		
	- 6" Excavation for topsoil & Seed	0	CY	\$18.50	\$0.00		
	- 6" Topsoil	0	CY	\$45.00	\$0.00		20% Compaction
	- Fine Grading and Seeding	0	SF	\$4.50	\$0.00		
	- 24" Structural Soil at Tree Pits	0	CY	\$65.00	\$0.00		20% Compaction, 10' width x BC-BOSW
	- 24" Excavation at Tree Pits	0	CY	\$18.50	\$0.00		10'x10'x2'
	- Trees	0	EA	\$800.00	\$0.00		
	- Existing Utility Pole Relocation	0	EA			Work by Utility Company	
	- Smart Lighting	4	EA	\$8,000.00	\$32,000.00		

Preliminary Cost Estimates:

City of Schenectady Craig-Main Connection

Bus Stop	- Bus Shelter	0	Allowance	\$10,000.00	\$0.00		
	- Bicycle Racks	0	EA	\$650.00	\$0.00		
	- Benches	0	EA	\$1,500.00	\$0.00		
	- Thermoplastic Paint	0	SF	\$15.00	\$0.00		
	- Bus Signage	0	EA	\$600.00	\$0.00		
	North Pedestrian Improvements						
Sidewalk	- 5" Bituminous Repaving of Roadway (Curb Replacement)	13	TON	\$150.00	\$1,950.00		
	- 12" Subbase for Repaving of Roadway (Curb Replacement)	16	CY	\$45.00	\$720.00		20% Compaction
	- 18" Excavation for Granite Curb	24	CY	\$18.50	\$444.00		Curb Excavation - 1'x1.5'
	- 6" (wide) Granite Curbing (Streetscape)	425	LF	\$40.00	\$17,000.00		
	- 12" Excavation for Concrete Sidewalk	106	CY	\$18.50	\$1,961.00		
	- 6" Concrete Paving	2,870	SF	\$8.00	\$22,960.00		
	- 6" Subbase for Concrete Paving	64	CY	\$45.00	\$2,880.00		20% Compaction
	- Driveway Curb Transition	2	EA	\$750.00	\$1,500.00		
	- Handicap Curb Transition	2	EA	\$550.00	\$1,100.00		
	- Cap Existing Drainage Structure and tie into with New Structure	1	EA	\$8,000.00	\$8,000.00		
	- 24" Structural Soil at Tree Pits	0	CY	\$65.00	\$0.00		20% Compaction, 10' width x BC-BOSW
	- 24" Excavation at Tree Pits	0	CY	\$18.50	\$0.00		10'x10'x2'
	- Paver-Grate System	0	EA	\$4,000.00	\$0.00		
	- Trees	0	EA	\$800.00	\$0.00		
	- Existing Utility Pole Relocation	0	EA			Work by Utility Company	
	- Smart Lighting	4	EA	\$8,000.00	\$32,000.00		
Bus Stop	- Bus Shelter	0	Allowance	\$10,000.00	\$0.00		
	- Bus Stop Signage	1	EA	\$600.00	\$600.00		
	- Benches	2	EA	\$1,500.00	\$3,000.00		
	- Bicycle Racks	1	EA	\$650.00	\$650.00		
					Subtotal	\$295,484.00	

Forest Road & Main Ave Intersection Improvements

Intersection Improvements							
- Crosswalk Striping	75	LF		\$18.00	\$1,350.00		
- Wayfinding & Signage	1	Allowance		\$6,000.00	\$6,000.00		
					Subtotal	\$7,350.00	

Main Avenue - Block 10 (Forest Road-Holland Road)

Roadway Improvements							
Road	- 1.5" Milling of Roadway and On-Street Parking	930	SY	\$3.00	\$2,790.00		
	- 1.5" Bituminous Repaving of Roadway and On-Street Parking	77	TON	\$150.00	\$11,550.00		
South Pedestrian/Bicyclist Improvements							
Sidewalk	- 18" Excavation for Granite Curb	26	CY	\$18.50	\$481.00		Curb Excavation - 1'x1.5'
	- 6" (wide) Granite Curbing (Streetscape)	475	LF	\$40.00	\$19,000.00		
	- 12" Excavation for Concrete Sidewalk	95	CY	\$18.50	\$1,757.50		
	- 6" Concrete Paving	2,570	SF	\$10.00	\$25,700.00		
	- 6" Subbase for Concrete Paving	58	CY	\$45.00	\$2,610.00		20% Compaction
	- Driveway Curb Transition	10	EA	\$750.00	\$7,500.00		
	- Handicap Curb Transition	4	EA	\$550.00	\$2,200.00		
	- Cap Existing Drainage Structure and tie into with New Structure	1	EA	\$8,000.00	\$8,000.00		
	- Surface Mounted Bollards	15	EA	\$1,200.00	\$18,000.00		
	- Bicycle Racks	0	EA	\$650.00	\$0.00		
	- Benches	0	EA	\$1,500.00	\$0.00		
Bicycle Path	- 18" Excavation for Bicycle Path	245	CY	\$18.50	\$4,532.50		
	- 12" Subbase for bicycle path subbase	197	CY	\$45.00	\$8,865.00		20% Compaction
	- 5" Bituminous paving of bicycle path	136	TON	\$150.00	\$20,400.00		
	- Thermoplastic Paint	1	Allowance	\$8,000.00	\$8,000.00		30' paint from intersections, Striping, Symbols
	- Signage	2	EA	\$600.00	\$1,200.00		
Buffer	- 5" Bituminous Repaving of Roadway (Curb Replacement)	12	TON	\$150.00	\$1,800.00		
	- 12" Subbase for Repaving of Roadway (Curb Replacement)	17	CY	\$45.00	\$765.00		20% Compaction
	- 18" Excavation for Granite Curb	45	CY	\$18.50	\$832.50		Curb Excavation - 1'x1.5'
	- 6" (wide) Granite Curbing (Streetscape)	800	LF	\$40.00	\$32,000.00		
	- 12" Excavation for Concrete Sidewalk (Buffer Zone)	18	CY	\$18.50	\$333.00		
	- 6" Concrete Paving (Buffer Zone)	500	SF	\$10.00	\$5,000.00		
	- 6" Subbase for Concrete Paving (Buffer Zone)	11	CY	\$45.00	\$495.00		20% Compaction
	- Surface Mounted Bollards	25	EA	\$1,200.00	\$30,000.00		
	- 6" Excavation for topsoil & Seed	0	CY	\$18.50	\$0.00		
	- 6" Topsoil	0	CY	\$45.00	\$0.00		20% Compaction
	- Fine Grading and Seeding	0	SF	\$4.50	\$0.00		
	- 24" Structural Soil at Tree Pits	0	CY	\$65.00	\$0.00		20% Compaction, 10' width x BC-BOSW
	- 24" Excavation at Tree Pits	0	CY	\$18.50	\$0.00		10'x10'x2'
	- Trees	0	EA	\$800.00	\$0.00		
	- Existing Utility Pole Relocation	0	EA			Work by Utility Company	
	- Smart Lighting	4	EA	\$8,000.00	\$32,000.00		
Bus Stop	- Bus Shelter	0	Allowance	\$10,000.00	\$0.00		
	- Bus Stop Raised Pedestrian Crossing	1	EA	\$2,500.00	\$2,500.00		10' wide, 8' transition
	- Bus Stop Signage	1	EA	\$600.00	\$600.00		
	- Benches	1	EA	\$1,500.00	\$1,500.00		
	- Bicycle Racks	1	EA	\$650.00	\$650.00		
North Pedestrian Improvements							
Sidewalk	- 5" Bituminous Repaving of Roadway (Curb Replacement)	20	TON	\$110.00	\$2,200.00		
	- 12" Subbase for Repaving of Roadway (Curb Replacement)	28	CY	\$45.00	\$1,260.00		20% Compaction
	- 18" Excavation for Granite Curb	34	CY	\$18.50	\$629.00		Curb Excavation - 1'x1.5'
	- 6" (wide) Granite Curbing (Streetscape)	620	LF	\$40.00	\$24,800.00		
	- 12" Excavation for Concrete Sidewalk	80	CY	\$18.50	\$1,480.00		
	- 6" Concrete Paving	2,150	SF	\$10.00	\$21,500.00		
	- 6" Subbase for Concrete Paving	48	CY	\$45.00	\$2,160.00		20% Compaction
	- Driveway Curb Transition	6	EA	\$750.00	\$4,500.00		
	- Handicap Curb Transition	2	EA	\$550.00	\$1,100.00		
	- Cap Existing Drainage Structure and tie into with New Structure	1	EA	\$8,000.00	\$8,000.00		
	- 6" Excavation for topsoil & Seed	86	CY	\$18.50	\$1,591.00		
	- 6" Topsoil	103	CY	\$45.00	\$4,635.00		20% Compaction
	- Fine Grading and Seeding	4,650	SF	\$4.50	\$20,925.00		
	- 24" Structural Soil at Tree Pits	88	CY	\$65.00	\$5,720.00		20% Compaction, 10' width x BC-BOSW
	- 24" Excavation at Tree Pits	64	CY	\$18.50	\$1,184.00		10'x10'x2'
	- Paver-Grate System	8	EA	\$4,000.00	\$32,000.00		
	- Trees	8	EA	\$800.00	\$6,400.00		
	- Existing Utility Pole Relocation	0	EA			Work by Utility Company	
	- Smart Lighting	4	EA	\$8,000.00	\$32,000.00		
Bus Stop	- Bus Shelter	0	Allowance	\$10,000.00	\$0.00		
	- Bicycle Racks	0	EA	\$650.00	\$0.00		
	- Benches	0	EA	\$1,500.00	\$0.00		
	- Thermoplastic Paint	0	SF	\$15.00	\$0.00		
	- Bus Signage	0	EA	\$600.00	\$0.00		
					Subtotal	\$423,145.50	

Holland Road & Main Ave Intersection Improvements

Intersection Improvements							
					Subtotal	\$0.00	

City of Schenectady Craig-Main Connection

Main Avenue - Block 11 (Holland Road-Willett Street)							
Roadway Improvements							
Road	- 1.5" Milling of Roadway and On-Street Parking	400	SY	\$3.00	\$1,200.00		
	- 1.5" Bituminous Repaving of Roadway and On-Street Parking	33	TON	\$150.00	\$4,950.00		
South Pedestrian/Bicyclist Improvements							
Sidewalk	- 18" Excavation for Granite Curb	20	CY	\$18.50	\$370.00		Curb Excavation - 1'x1.5'
	- 6" (wide) Granite Curbing (Streetscape)	330	LF	\$40.00	\$13,200.00		
	- 12" Excavation for Concrete Sidewalk	66	CY	\$18.50	\$1,221.00		
	- 6" Concrete Paving	1,775	SF	\$10.00	\$17,750.00		
	- 6" Subbase for Concrete Paving	40	CY	\$45.00	\$1,800.00		20% Compaction
	- Driveway Curb Transition	2	EA	\$750.00	\$1,500.00		
	- Handicap Curb Transition	4	EA	\$550.00	\$2,200.00		
	- Cap Existing Drainage Structure and tie into with New Structure	2	EA	\$8,000.00	\$16,000.00		
	- Surface Mounted Bollards	15	EA	\$1,200.00	\$18,000.00		
	- Bicycle Racks	0	EA	\$650.00	\$0.00		
	- Benches	0	EA	\$1,500.00	\$0.00		
Bicycle Path	- 18" Excavation for Bicycle Path	155	CY	\$18.50	\$2,867.50		
	- 12" Subbase for bicycle path subbase	124	CY	\$45.00	\$5,580.00		20% Compaction
	- 5" Bituminous paving of bicycle path	86	TON	\$150.00	\$12,900.00		
	- Thermoplastic Paint	1	Allowance	\$8,000.00	\$8,000.00		30' paint from intersections, Striping, Symbols
	- Signage	2	EA	\$600.00	\$1,200.00		
Buffer	- 5" Bituminous Repaving of Roadway (Curb Replacement)	15	TON	\$150.00	\$2,250.00		
	- 12" Subbase for Repaving of Roadway (Curb Replacement)	22	CY	\$45.00	\$990.00		20% Compaction
	- 18" Excavation for Granite Curb	27	CY	\$18.50	\$499.50		Curb Excavation - 1'x1.5'
	- 6" (wide) Granite Curbing (Streetscape)	490	LF	\$40.00	\$19,600.00		
	- 12" Excavation for Concrete Sidewalk (Buffer Zone)	12	CY	\$18.50	\$222.00		
	- 6" Concrete Paving (Buffer Zone)	280	SF	\$10.00	\$2,800.00		
	- 6" Subbase for Concrete Paving (Buffer Zone)	6	CY	\$45.00	\$270.00		20% Compaction
	- Surface Mounted Bollards	16	EA	\$1,200.00	\$19,200.00		
	- 6" Excavation for topsoil & Seed	0	CY	\$18.50	\$0.00		
	- 6" Topsoil	0	CY	\$45.00	\$0.00		20% Compaction
	- Fine Grading and Seeding	0	SF	\$4.50	\$0.00		
	- 24" Structural Soil at Tree Pits	0	CY	\$65.00	\$0.00		20% Compaction, 10' width x BC-BOSW
	- 24" Excavation at Tree Pits	0	CY	\$18.50	\$0.00		10'x10'x2'
	- Trees	0	EA	\$800.00	\$0.00		
	- Existing Utility Pole Relocation	0	EA			Work by Utility Company	
	- Smart Lighting	3	EA	\$8,000.00	\$24,000.00		
	- Benches	2	EA	\$1,500.00	\$3,000.00		
Bus Stop	- Bus Shelter	0	Allowance	\$10,000.00	\$0.00		
	- Bicycle Racks	0	EA	\$650.00	\$0.00		
	- Benches	0	EA	\$1,500.00	\$0.00		
	- Thermoplastic Paint	0	SF	\$15.00	\$0.00		
	- Bus Signage	0	EA	\$600.00	\$0.00		
North Pedestrian Improvements							
Sidewalk	- 5" Bituminous Repaving of Roadway (Curb Replacement)	8	TON	\$150.00	\$1,200.00		
	- 12" Subbase for Repaving of Roadway (Curb Replacement)	16	CY	\$45.00	\$720.00		20% Compaction
	- 18" Excavation for Granite Curb	20	CY	\$18.50	\$370.00		Curb Excavation - 1'x1.5'
	- 6" (wide) Granite Curbing (Streetscape)	350	LF	\$40.00	\$14,000.00		
	- 12" Excavation for Concrete Sidewalk	52	CY	\$18.50	\$962.00		Curb Excavation - 1'x1.5'
	- 6" Concrete Paving	1,400	SF	\$8.00	\$11,200.00		
	- 6" Subbase for Concrete Paving	31	CY	\$45.00	\$1,395.00		20% Compaction
	- Driveway Curb Transition	3	EA	\$750.00	\$2,250.00		
	- Handicap Curb Transition	4	EA	\$550.00	\$2,200.00		
	- Cap Existing Drainage Structure and tie into with New Structure	1	EA	\$8,000.00	\$8,000.00		
	- 6" Excavation for topsoil & Seed	33	CY	\$18.50	\$610.50		
	- 6" Topsoil	40	CY	\$45.00	\$1,800.00		20% Compaction
	- Fine Grading and Seeding	1,800	SF	\$4.50	\$8,100.00		
	- 24" Structural Soil at Tree Pits	22	CY	\$65.00	\$1,430.00		20% Compaction, 10' width x BC-BOSW
	- 24" Excavation at Tree Pits	16	CY	\$18.50	\$296.00		10'x10'x2'
	- Paver/Grate System	0	EA	\$4,000.00	\$0.00		
	- Trees	2	EA	\$800.00	\$1,600.00		
	- Existing Utility Pole Relocation	0	EA			Work by Utility Company	
	- Smart Lighting	4	EA	\$8,000.00	\$32,000.00		
Bus Stop	- Bus Shelter	0	Allowance	\$10,000.00	\$0.00		
	- Bicycle Racks	0	EA	\$650.00	\$0.00		
	- Benches	0	EA	\$1,500.00	\$0.00		
	- Thermoplastic Paint	0	SF	\$15.00	\$0.00		
	- Bus Signage	0	EA	\$600.00	\$0.00		
					Subtotal	\$269,703.50	

Willett Street & Main Ave Intersection Improvements

Intersection Improvements			
		Subtotal	\$0.00

Main Avenue - Block 12 (Willett Street-Howard Street)							
Roadway Improvements							
Road	- 1.5" Milling of Roadway and On-Street Parking	385	SY	\$3.00	\$1,155.00		
	- 1.5" Bituminous Repaving of Roadway and On-Street Parking	32	TON	\$150.00	\$4,800.00		
South Pedestrian/Bicyclist Improvements							
Sidewalk	- 18" Excavation for Granite Curb	12	CY	\$18.50	\$222.00		Curb Excavation - 1'x1.5'
	- 6" (wide) Granite Curbing (Streetscape)	315	LF	\$40.00	\$12,600.00		
	- 12" Excavation for Concrete Sidewalk	70	CY	\$18.50	\$1,295.00		
	- 6" Concrete Paving	1,850	SF	\$10.00	\$18,500.00		
	- 6" Subbase for Concrete Paving	41	CY	\$45.00	\$1,845.00		20% Compaction
	- Driveway Curb Transition	1	EA	\$750.00	\$750.00		
	- Handicap Curb Transition	4	EA	\$550.00	\$2,200.00		
	- Cap Existing Drainage Structure and tie into with New Structure	1	EA	\$8,000.00	\$8,000.00		
	- Surface Mounted Bollards	15	EA	\$1,200.00	\$18,000.00		
	- Bicycle Racks	0	EA	\$650.00	\$0.00		
	- Benches	0	EA	\$1,500.00	\$0.00		
Bicycle Path	- 18" Excavation for Bicycle Path	217	CY	\$18.50	\$4,014.50		
	- 12" Subbase for bicycle path subbase	173	CY	\$45.00	\$7,785.00		20% Compaction
	- 5" Bituminous paving of bicycle path	120	TON	\$150.00	\$18,000.00		
	- Thermoplastic Paint	1	Allowance	\$8,000.00	\$8,000.00		30' paint from intersections, Striping, Symbols
	- Signage	2	EA	\$600.00	\$1,200.00		
Buffer	- 5" Bituminous Repaving of Roadway (Curb Replacement)	8	TON	\$150.00	\$1,200.00		
	- 12" Subbase for Repaving of Roadway (Curb Replacement)	11	CY	\$45.00	\$495.00		20% Compaction
	- 18" Excavation for Granite Curb	14	CY	\$18.50	\$259.00		Curb Excavation - 1'x1.5'
	- 6" (wide) Granite Curbing (Streetscape)	513	LF	\$40.00	\$20,520.00		
	- 6" Excavation for topsoil & Seed	24	CY	\$18.50	\$444.00		
	- 6" Topsoil	28	CY	\$45.00	\$1,260.00		20% Compaction
	- Fine Grading and Seeding	1,255	SF	\$4.50	\$5,647.50		
	- 24" Structural Soil at Tree Pits	66	CY	\$65.00	\$4,290.00		20% Compaction, 10' width x BC-BOSW
	- 24" Excavation at Tree Pits	54	CY	\$18.50	\$999.00		10'x10'x2'
	- Trees	6	EA	\$800.00	\$4,800.00		
	- Existing Utility Pole Relocation	0	EA			Work by Utility Company	
	- Smart Lighting	4	EA	\$8,000.00	\$32,000.00		
Bus Stop	- Bus Shelter	0	Allowance	\$10,000.00	\$0.00		
	- Bus Stop Raised Pedestrian Crossing	1	EA	\$2,500.00	\$2,500.00		10' wide, 8' transition
	- Bicycle Racks	1	EA	\$650.00	\$650.00		
	- Benches	1	EA	\$1,500.00	\$1,500.00		
	- Thermoplastic Paint	0	SF	\$15.00	\$0.00		
	- Bus Signage	1	EA	\$600.00	\$600.00		

Preliminary Cost Estimates:

City of Schenectady Craig-Main Connection

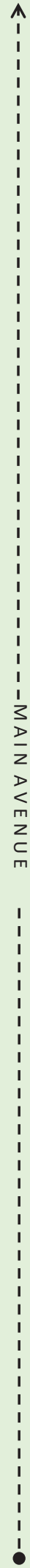
Sidewalk	North Pedestrian Improvements						
	- 5" Bituminous Repaving of Roadway (Curb Replacement)	10	TON	\$150.00	\$1,500.00		
	- 12" Subbase for Repaving of Roadway (Curb Replacement)	14	CY	\$45.00	\$630.00		20% Compaction
	- 18" Excavation for Granite Curb	17	CY	\$18.50	\$314.50		Curb Excavation - 1'x1.5'
	- 6" (wide) Granite Curbing (Streetscape)	312	LF	\$40.00	\$12,480.00		
	- 12" Excavation for Concrete Sidewalk	54	CY	\$18.50	\$999.00		
	- 6" Concrete Paving	1,446	SF	\$8.00	\$11,568.00		
	- 6" Subbase for Concrete Paving	32	CY	\$45.00	\$1,440.00		20% Compaction
	- Driveway Curb Transition	2	EA	\$750.00	\$1,500.00		
	- Handicap Curb Transition	4	EA	\$550.00	\$2,200.00		
	- Cap Existing Drainage Structure and tie into with New Structure	0	EA	\$8,000.00	\$0.00		
	- 24" Structural Soil at Tree Pits	0	CY	\$65.00	\$0.00		20% Compaction, 10' width x BC-BOSW
	- 24" Excavation at Tree Pits	0	CY	\$18.50	\$0.00		10'x10'x2'
	- Paver-Grate System	0	EA	\$4,000.00	\$0.00		
	- Trees	0	EA	\$800.00	\$0.00		
	- Existing Utility Pole Relocation	0	EA				
	- Smart Lighting	3	EA	\$8,000.00	\$24,000.00		
Bus Stop	- Bus Shelter	0	Allowance	\$10,000.00	\$0.00		
	- Bicycle Racks	0	EA	\$650.00	\$0.00		
	- Benches	0	EA	\$1,500.00	\$0.00		
	- Thermoplastic Paint	0	SF	\$15.00	\$0.00		
	- Bus Signage	0	EA	\$600.00	\$0.00		
					Subtotal	\$242,162.50	

Howard Street & Main Ave Intersection Improvements

Intersection Improvements						
					Subtotal	\$0.00

Main Avenue - Block 13 (Howard Street-Crane Ave)

Road	Roadway Improvements						
	- 1.5" Milling of Roadway and On-Street Parking	525	SY	\$3.00	\$1,575.00		
	- 1.5" Bituminous Repaving of Roadway and On-Street Parking	105	TON	\$150.00	\$15,750.00		
Sidewalk	South Pedestrian/Bicyclist Improvements						
	- 18" Excavation for Granite Curb	25	CY	\$18.50	\$462.50		Curb Excavation - 1'x1.5'
	- 6" (wide) Granite Curbing (Streetscape)	450	LF	\$40.00	\$18,000.00		
	- 12" Excavation for Concrete Sidewalk	100	CY	\$18.50	\$1,850.00		Curb Excavation - 1'x1.5'
	- 6" Concrete Paving	2,700	SF	\$10.00	\$27,000.00		
	- 6" Subbase for Concrete Paving	60	CY	\$45.00	\$2,700.00		20% Compaction
	- Driveway Curb Transition	4	EA	\$750.00	\$3,000.00		
	- Handicap Curb Transition	4	EA	\$550.00	\$2,200.00		
	- Cap Existing Drainage Structure and tie into with New Structure	1	EA	\$8,000.00	\$8,000.00		
	- Surface Mounted Bollards	20	EA	\$1,200.00	\$24,000.00		
	- Bicycle Racks	2	EA	\$650.00	\$1,300.00		
	- Benches	4	EA	\$1,500.00	\$6,000.00		
Bicycle Path	- 18" Excavation for Bicycle Path	262	CY	\$18.50	\$4,847.00		Curb Excavation - 1'x1.5'
	- 12" Subbase for bicycle path subbase	209	CY	\$45.00	\$9,405.00		20% Compaction
	- 5" Bituminous paving of bicycle path	145	TON	\$150.00	\$21,750.00		
	- Thermoplastic Paint	1	Allowance	\$8,000.00	\$8,000.00		30' paint from intersections, Striping, Symbols
	- Signage	4	EA	\$600.00	\$2,400.00		
Buffer	- 5" Bituminous Repaving of Roadway (Curb Replacement)	11	TON	\$150.00	\$1,650.00		
	- 12" Subbase for Repaving of Roadway (Curb Replacement)	15	CY	\$45.00	\$675.00		20% Compaction
	- 18" Excavation for Granite Curb	42	CY	\$18.50	\$777.00		Curb Excavation - 1'x1.5'
	- 6" (wide) Granite Curbing (Streetscape)	745	LF	\$40.00	\$29,800.00		
	- 6" Excavation for topsoil & Seed	0	CY	\$18.50	\$0.00		
	- 6" Topsoil	0	CY	\$45.00	\$0.00		20% Compaction
	- Fine Grading and Seeding	0	SF	\$4.50	\$0.00		20% Compaction
	- 24" Structural Soil at Tree Pits	0	CY	\$65.00	\$0.00		20% Contingency, 10' width x BC-BOSW
	- 24" Excavation at Tree Pits	0	CY	\$18.50	\$0.00		10'x10'x2'
	- Trees	0	EA	\$800.00	\$0.00		
	- Existing Utility Pole Relocation	0	EA				
	- Smart Lighting	5	EA	\$8,000.00	\$40,000.00		
Bus Stop	- Bus Shelter	0	Allowance	\$10,000.00	\$0.00		
	- Bus Stop Raised Pedestrian Crossing	1	EA	\$2,500.00	\$2,500.00		10' wide, 8' transition
	- Bicycle Racks	1	EA	\$650.00	\$650.00		
	- Benches	1	EA	\$1,500.00	\$1,500.00		
	- Thermoplastic Paint	0	SF	\$15.00	\$0.00		
	- Bus Signage	1	EA	\$600.00	\$600.00		
Sidewalk	North Pedestrian Improvements						
	- 18" Excavation for Granite Curb	28	CY	\$18.50	\$518.00		Curb Excavation - 1'x1.5'
	- 6" (wide) Granite Curbing (Streetscape)	518	LF	\$40.00	\$20,720.00		
	- 12" Excavation for Concrete Sidewalk	124	CY	\$18.50	\$2,294.00		Curb Excavation - 1'x1.5'
	- 6" Concrete Paving	3,335	SF	\$8.00	\$26,680.00		
	- 6" Subbase for Concrete Paving	74	CY	\$45.00	\$3,330.00		20% Compaction
	- Driveway Curb Transition	2	EA	\$750.00	\$1,500.00		
	- Handicap Curb Transition	4	EA	\$550.00	\$2,200.00		
	- Cap Existing Drainage Structure and tie into with New Structure	1	EA	\$8,000.00	\$8,000.00		
	- 24" Structural Soil at Tree Pits	0	CY	\$65.00	\$0.00		20% Contingency, 10' width x BC-BOSW
	- 24" Excavation at Tree Pits	0	CY	\$18.50	\$0.00		10'x10'
	- Paver-Grate System	0	EA	\$4,000.00	\$0.00		
	- Trees	0	EA	\$800.00	\$0.00		
	- Existing Utility Pole Relocation	0	EA				
	- Smart Lighting	4	EA	\$8,000.00	\$32,000.00		
Bus Stop	- Bus Shelter	0	Allowance	\$10,000.00	\$0.00		
	- Bicycle Racks	0	EA	\$650.00	\$0.00		
	- Benches	0	EA	\$1,500.00	\$0.00		
	- Thermoplastic Paint	0	SF	\$15.00	\$0.00		
	- Bus Signage	0	EA	\$600.00	\$0.00		
					Subtotal	\$333,633.50	



Craig Street Improvement Project Sub-Total	\$4,960,938.50
20% Construction Contingency	\$992,187.70
10% Design Contingency	\$496,093.85
Subtotal	\$6,449,220.05
A/E Fees	\$580,429.80
Project Total	\$7,029,649.85



OPTION 2: SHARED BICYCLE PATH & PEDESTRIAN SIDEWALK

	Craig Street	Main Avenue
2019 Total Cost Estimates:	\$3,600,000	\$1,900,000
2020 Total Cost Estimates:	\$3,708,000	\$1,957,000
2021 Total Cost Estimates:	\$3,819,240	\$2,015,710
2022 Total Cost Estimates:	\$3,933,820	\$2,076,182

Preliminary Cost Estimates:

City of Schenectady Craig-Main Connection

August 2019

Project: City of Schenectady Craig - Main Connection Preliminary Cost Estimates

Option: **On Street Parking West and Multi-Use Trail East**

Date: 2019-08-13
Last Updated: 2019-09-10



**Note: Preliminary construction cost estimates based on industry standard 2019 pricing. Unit cost should be updated annually.*

ITEM	QUANTITY	UNIT	UNIT COST	TOTAL	SUBTOTALS	NOTES
General						
Miscellaneous						
- Craig Street Survey Layout	1	Allowance	\$25,000.00	\$25,000.00		Albany Street to Education Drive
- Main Ave Survey Layout	1	Allowance	\$16,000.00	\$16,000.00		Education Drive to Crane Street
- Pedestrian/Traffic Control	1	Allowance	\$15,000.00	\$15,000.00		
- Erosion and Sedimentation Control	1	Allowance	\$5,000.00	\$5,000.00		
				Subtotal	\$61,000.00	

Albany Street & Craig Street Intersection Improvements

Intersection Improvements						
- Crosswalk Striping	72	LF	\$18.00	\$1,296.00		
- Countdown Timers	1	Allowance	\$16,100.00	\$16,100.00		Includes pedestrian poles, heads, pull boxes, wiring
- Gateway Treatments	1	Allowance	\$30,000.00	\$30,000.00		Sculpture, public art, monumental signage, lighting, branding
				Subtotal	\$47,396.00	

Craig Street - Block 1 (Albany Street - Emmett Street)

Roadway Improvements						
Road	- 1.5" Milling of Roadway and On-Street Parking	1,400	SY	\$3.00	\$4,200.00	
	- 1.5" Bituminous Repaving of Roadway and On-Street Parking	115	TON	\$150.00	\$17,250.00	
East Pedestrian/Bicyclist Improvements						
Sidewalk	- 5" Bituminous Repaving of Roadway (Curb Replacement)	14	TON	\$150.00	\$2,100.00	
	- 12" Subbase for Repaving of Roadway (Curb Replacement)	20	CY	\$45.00	\$900.00	20% Compaction
	- 18" Excavation for Granite Curb	25	CY	\$18.50	\$462.50	Curb Excavation - 1'x1.5'
	- 6" (wide) Granite Curbing (Streetscape)	455	LF	\$40.00	\$18,200.00	
	- 12" Excavation for Concrete Sidewalk	190	CY	\$18.50	\$3,515.00	
	- 6" Concrete Paving	5,100	SF	\$10.00	\$51,000.00	
	- 6" Subbase for Concrete Paving	115	CY	\$45.00	\$5,175.00	20% Compaction
	- Driveway Curb Transition	1	EA	\$750.00	\$750.00	
	- Handicap Curb Transition	4	EA	\$550.00	\$2,200.00	
	- Cap Existing Drainage Structure and tie into with New Structure	3	EA	\$8,000.00	\$24,000.00	
	- Smart Lighting	5	EA	\$8,000.00	\$40,000.00	
	- Benches	2	EA	\$1,500.00	\$3,000.00	
	- Surface Mounted Bollards at Bump outs	12	EA	\$1,200.00	\$14,400.00	
	- 24" Structural Soil at Tree Pits	55	CY	\$65.00	\$3,575.00	20% Compaction, 10' width x BC-BOSW
	- 24" Excavation at Tree Pits	45	CY	\$18.50	\$832.50	10'x10'x2'
	- Street Trees	8	EA	\$650.00	\$5,200.00	
	- Paver-Grate System	8	EA	\$4,000.00	\$32,000.00	
West Pedestrian/Bicyclist Improvements						
Sidewalk	- 5" Bituminous Repaving of Roadway (Curb Replacement)	14	TON	\$150.00	\$2,100.00	
	- 12" Subbase for Repaving of Roadway (Curb Replacement)	20	CY	\$45.00	\$900.00	20% Compaction
	- 18" Excavation for Granite Curb	26	CY	\$18.50	\$481.00	Curb Excavation - 1'x1.5'
	- 6" (wide) Granite Curbing (Streetscape)	465	LF	\$40.00	\$18,600.00	
	- 12" Excavation for Concrete Sidewalk	200	CY	\$18.50	\$3,700.00	
	- 6" Concrete Paving	5,450	SF	\$10.00	\$54,500.00	
	- 6" Subbase for Concrete Paving	120	CY	\$45.00	\$5,400.00	20% Compaction
	- Driveway Curb Transition	0	EA	\$750.00	\$0.00	
	- Handicap Curb Transition	4	EA	\$550.00	\$2,200.00	
	- Cap Existing Drainage Structure and tie into with New Structure	2	EA	\$8,000.00	\$16,000.00	
	- Smart Lighting	5	EA	\$8,000.00	\$40,000.00	
	- Benches	2	EA	\$1,500.00	\$3,000.00	
	- Surface Mounted Bollards at Bump outs	12	EA	\$1,200.00	\$14,400.00	
	- 24" Structural Soil at Tree Pits	55	CY	\$65.00	\$3,575.00	20% Compaction, 10' width x BC-BOSW
	- 24" Excavation at Tree Pits	45	CY	\$18.50	\$832.50	10'x10'x2'
	- Street Trees	8	EA	\$650.00	\$5,200.00	
	- Paver-Grate System	8	EA	\$4,000.00	\$32,000.00	
				Subtotal	\$431,648.50	

Emmett Street & Craig Street Intersection Improvements

Intersection Improvements						
- Crosswalk Striping	107	LF	\$18.00	\$1,926.00		
- Countdown Timers	1	Allowance	\$33,700.00	\$33,700.00		Includes pedestrian poles, heads, pull boxes, wiring
- Cabinet, signal poles, signal heads, detection	1	Allowance	\$72,500.00	\$72,500.00		
- Wayfinding & Signage	1	Allowance	\$6,000.00	\$6,000.00		
				Subtotal	\$114,126.00	

Craig Street - Block 2 (Emmett Street - Stanley Street)

Roadway Improvements						
Road	- 1.5" Milling of Roadway and On-Street Parking	1,095	SY	\$3.00	\$3,285.00	
	- 1.5" Bituminous Repaving of Roadway and On-Street Parking	90	TON	\$150.00	\$13,500.00	
East Pedestrian/Bicyclist Improvements						
Sidewalk	- 5" Bituminous Repaving of Roadway (Curb Replacement)	12	TON	\$150.00	\$1,800.00	
	- 12" Subbase for Repaving of Roadway (Curb Replacement)	17	CY	\$45.00	\$765.00	20% Compaction
	- 18" Excavation for Granite Curb	21	CY	\$18.50	\$388.50	Curb Excavation - 1'x1.5'
	- 6" (wide) Granite Curbing (Streetscape)	385	LF	\$40.00	\$15,400.00	
	- 12" Excavation for Concrete Sidewalk	140	CY	\$18.50	\$2,590.00	
	- 6" Concrete Paving	3,762	SF	\$10.00	\$37,620.00	
	- 6" Subbase for Concrete Paving	84	CY	\$45.00	\$3,780.00	20% Compaction
	- Driveway Curb Transition	1	EA	\$750.00	\$750.00	
	- Handicap Curb Transition	4	EA	\$550.00	\$2,200.00	
	- Cap Existing Drainage Structure and tie into with New Structure	2	EA	\$8,000.00	\$16,000.00	
	- Surface Mounted Bollards at Bump-outs	4	EA	\$1,200.00	\$4,800.00	
	- Bicycle Racks	0	EA	\$650.00	\$0.00	
	- Benches	0	EA	\$1,500.00	\$0.00	
	- Thermoplastic Paint	1	Allowance	\$1,000.00	\$1,000.00	Symbols
Buffer	- Signage	2	EA	\$600.00	\$1,200.00	
	- 6" Excavation for topsoil & Seed	46	CY	\$18.50	\$851.00	
	- 6" Topsoil	55	CY	\$45.00	\$2,475.00	20% Compaction
	- Fine Grading and Seeding	2,488	SF	\$4.50	\$11,196.00	
Bus Stop and Parking Lot	- 24" Structural Soil at Tree Pits	66	CY	\$65.00	\$4,290.00	20% Compaction, 10'x10'x2'
	- 24" Excavation at Tree Pits	50	CY	\$18.50	\$925.00	10'x10'x2'
	- Trees	6	EA	\$800.00	\$4,800.00	
	- Existing Utilities Relocation	4	EA			Work by Utility Company
	- Smart Lighting	4	EA	\$8,000.00	\$32,000.00	
	- 1.5" Milling of Parking Lot	1,400	SY	\$3.00	\$4,200.00	
	- 1.5" Bituminous Repaving of Parking Lot	117	TON	\$150.00	\$17,550.00	
	- 6" Excavation for topsoil & Seed	8	CY	\$18.50	\$148.00	
	- 6" Topsoil	10	CY	\$45.00	\$450.00	20% Compaction
	- Fine Grading and Seeding	450	SF	\$4.50	\$2,025.00	
	- Landscape Allowance	1	Allowance	\$5,000.00	\$5,000.00	
	- Striping Allowance	1	Allowance	\$2,000.00	\$2,000.00	
	- 12" Excavation for Concrete Sidewalk (Bus Stop)	26	CY	\$18.50	\$481.00	
	- 6" Concrete Paving (Bus Stop)	700	SF	\$10.00	\$7,000.00	
	- 6" Subbase for Concrete Paving (Bus Stop)	15	CY	\$45.00	\$675.00	20% Compaction
	- Bus Signage	1	EA	\$600.00	\$600.00	
	- Plaza Shelter	1	Allowance	\$20,000.00	\$20,000.00	
	- Bicycle Racks	2	EA	\$650.00	\$1,300.00	
	- Thermoplastic Paint	215	SF	\$15.00	\$3,225.00	Symbols
	- Benches	2	EA	\$1,500.00	\$3,000.00	

CRAIG STREET

Preliminary Cost Estimates:

City of Schenectady Craig-Main Connection

Sidewalk	West Pedestrian Improvements						
	- 5" Bituminous Repaving of Roadway (Curb Replacement)	12	TON	\$150.00	\$1,800.00		
	- 12" Subbase for Repaving of Roadway (Curb Replacement)	18	CY	\$45.00	\$810.00		20% Compaction
	- 18" Excavation for Granite Curb	22	CY	\$18.50	\$407.00		Curb Excavation - 1'x1.5'
	- 6" (wide) Granite Curbing (Streetscape)	400	LF	\$40.00	\$16,000.00		
	- 12" Excavation for Concrete Sidewalk	205	CY	\$18.50	\$3,792.50		
	- 6" Concrete Paving	5,542	SF	\$8.00	\$44,336.00		
	- 6" Subbase for Concrete Paving	120	CY	\$45.00	\$5,400.00		20% Compaction
	- Driveway Curb Transition	1	EA	\$750.00	\$750.00		
	- Handicap Curb Transition	4	EA	\$550.00	\$2,200.00		
	- Cap Existing Drainage Structure and tie into with New Structure	1	EA	\$8,000.00	\$8,000.00		
	- Surface Mounted Bollards at Bump-outs	8	EA	\$1,200.00	\$9,600.00		
	- 24" Structural Soil at Tree Pits	77	CY	\$65.00	\$5,005.00		20% Compaction, 10' width x BC-BOSW
	- 24" Excavation at Tree Pits	64	CY	\$18.50	\$1,184.00		10'x10'x2'
	- Paver-Grate System	8	EA	\$4,000.00	\$32,000.00		
	- Trees	8	EA	\$800.00	\$6,400.00		
	- Existing Utilities Relocation	0	EA			Work by Utility Company	
	- Smart Lighting	4	EA	\$8,000.00	\$32,000.00		
Bus Stop	- Bus Stop Shelter	1	Allowance	\$10,000.00	\$10,000.00		
	- Benches	2	EA	\$1,500.00	\$3,000.00		
	- Bus Signage	1	EA	\$600.00	\$600.00		
	- Thermoplastic Paint	215	SF	\$15.00	\$3,225.00		
	- Bicycle Racks	2	EA	\$650.00	\$1,300.00		
Subtotal					\$417,079.00		

Stanley Street & Craig Street Intersection Improvements

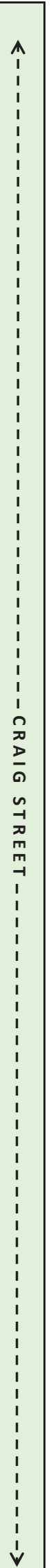
Intersection Improvements						
- Crosswalk Striping	44	LF	\$18.00	\$792.00		
- Wayfinding & Signage	1	Allowance	\$6,000.00	\$6,000.00		
Subtotal					\$6,792.00	

Craig Street - Block 3 (Stanley Street-Delamont Ave)

Road	Roadway Improvements						
	- 1.5" Milling of Roadway and On-Street Parking	965	SY	\$3.00	\$2,895.00		
	- 1.5" Bituminous Repaving of Roadway and On-Street Parking	80	TON	\$150.00	\$12,000.00		
Sidewalk	East Pedestrian/Bicyclist Improvements						
	- 5" Bituminous Repaving of Roadway (Curb Replacement)	10	TON	\$150.00	\$1,500.00		
	- 12" Subbase for Repaving of Roadway (Curb Replacement)	16	CY	\$45.00	\$720.00		20% Compaction
	- 18" Excavation for Granite Curb	19	CY	\$18.50	\$351.50		Curb Excavation - 1'x1.5'
	- 6" (wide) Granite Curbing (Streetscape)	338	LF	\$40.00	\$13,520.00		
	- 12" Excavation for Concrete Sidewalk	114	CY	\$18.50	\$2,109.00		
	- 6" Concrete Paving	3,085	SF	\$10.00	\$30,850.00		
	- 6" Subbase for Concrete Paving	70	CY	\$45.00	\$3,150.00		20% Compaction
	- Driveway Curb Transition	1	EA	\$750.00	\$750.00		
	- Handicap Curb Transition	4	EA	\$550.00	\$2,200.00		
	- Cap Existing Drainage Structure and tie into with New Structure	1	EA	\$8,000.00	\$8,000.00		
	- Surface Mounted Bollards at Bump-outs	10	EA	\$1,200.00	\$12,000.00		
	- Bicycle Racks	0	EA	\$650.00	\$0.00		
	- Benches	0	EA	\$1,500.00	\$0.00		
	- Thermoplastic Paint	1	Allowance	\$1,000.00	\$1,000.00		Symbols
	- Signage	2	EA	\$600.00	\$1,200.00		
Buffer	- 6" Excavation for topsoil & Seed	48	CY	\$18.50	\$888.00		
	- 6" Topsoil	57	CY	\$45.00	\$2,565.00		20% Compaction
	- Fine Grading and Seeding	2,570	SF	\$4.50	\$11,565.00		
	- 24" Structural Soil at Tree Pits	66	CY	\$65.00	\$4,290.00		20% Compaction, 10'x10'x2'
	- 24" Excavation at Tree Pits	50	CY	\$18.50	\$925.00		10'x10'x2'
	- Trees	6	EA	\$800.00	\$4,800.00		
	- Existing Utilities Relocation	1	EA			Work by Utility Company	
	- Smart Lighting	4	EA	\$8,000.00	\$32,000.00		
Bus Stop	- Bus Stop Shelter	0	Allowance	\$10,000.00	\$0.00		
	- Benches	0	EA	\$1,500.00	\$0.00		
	- Bus Signage	0	EA	\$600.00	\$0.00		
	- Bicycle Racks	0	EA	\$650.00	\$0.00		
Sidewalk	West Pedestrian Improvements						
	- 5" Bituminous Repaving of Roadway (Curb Replacement)	9	TON	\$150.00	\$1,350.00		
	- 12" Subbase for Repaving of Roadway (Curb Replacement)	14	CY	\$45.00	\$630.00		20% Compaction
	- 18" Excavation for Granite Curb	17	CY	\$18.50	\$314.50		Curb Excavation - 1'x1.5'
	- 6" (wide) Granite Curbing (Streetscape)	300	LF	\$40.00	\$12,000.00		
	- 12" Excavation for Concrete Sidewalk	122	CY	\$18.50	\$2,257.00		
	- 6" Concrete Paving	3,300	SF	\$8.00	\$26,400.00		
	- 6" Subbase for Concrete Paving	73	CY	\$45.00	\$3,285.00		20% Compaction
	- Driveway Curb Transition	0	EA	\$750.00	\$0.00		
	- Handicap Curb Transition	4	EA	\$550.00	\$2,200.00		
	- Cap Existing Drainage Structure and tie into with New Structure	1	EA	\$8,000.00	\$8,000.00		
	- Surface Mounted Bollards at Bump-outs	6	EA	\$1,200.00	\$7,200.00		
	- 24" Structural Soil at Tree Pits	60	CY	\$65.00	\$3,900.00		20% Compaction, 10' width x BC-BOSW
	- 24" Excavation at Tree Pits	50	CY	\$18.50	\$925.00		10'x10'x2'
	- Paver-Grate System	6	EA	\$4,000.00	\$24,000.00		
	- Trees	6	EA	\$800.00	\$4,800.00		
	- Existing Utilities Relocation	0	EA			Work by Utility Company	
	- Smart Lighting	4	EA	\$8,000.00	\$32,000.00		
Bus Stop	- Bus Stop Shelter	0	Allowance	\$10,000.00	\$0.00		
	- Benches	0	EA	\$1,500.00	\$0.00		
	- Bus Signage	0	EA	\$600.00	\$0.00		
	- Bicycle Racks	0	EA	\$650.00	\$0.00		
Subtotal					\$278,540.00		

Delamont Ave & Craig Street Intersection Improvements

Intersection Improvements						
- Crosswalk Striping	124	LF	\$18.00	\$2,232.00		
- Pedestrian Signals	1	Allowance	\$33,700.00	\$33,700.00		Includes pedestrian poles, heads, pull boxes, wiring
- Cabinet, Poles, Detection, Signal Heads	1	Allowance	\$72,500.00	\$72,500.00		
Subtotal					\$108,432.00	



City of Schenectady Craig-Main Connection

Craig Street - Block 4 (Delamont Ave-Lincoln Ave)

Roadway Improvements							
Road	- 1.5" Milling of Roadway and On-Street Parking	965	SY	\$3.00	\$2,895.00		
	- 1.5" Bituminous Repaving of Roadway and On-Street Parking	81	TON	\$150.00	\$12,150.00		
East Pedestrian/Bicyclist Improvements							
Sidewalk	- 5" Bituminous Repaving of Roadway (Curb Replacement)	9	TON	\$150.00	\$1,350.00		
	- 12" Subbase for Repaving of Roadway (Curb Replacement)	12	CY	\$45.00	\$540.00		20% Compaction
	- 18" Excavation for Granite Curb	16	CY	\$18.50	\$296.00		Curb Excavation - 1'x1.5'
	- 6" (wide) Granite Curbing (Streetscape)	300	LF	\$40.00	\$12,000.00		
	- 12" Excavation for Concrete Sidewalk	107	CY	\$18.50	\$1,979.50		
	- 6" Concrete Paving	2,882	SF	\$10.00	\$28,820.00		
	- 6" Subbase for Concrete Paving	64	CY	\$45.00	\$2,880.00		20% Compaction
	- Driveway Curb Transition	2	EA	\$750.00	\$1,500.00		
	- Handicap Curb Transition	4	EA	\$550.00	\$2,200.00		
	- Cap Existing Drainage Structure and tie into with New Structure	1	EA	\$8,000.00	\$8,000.00		
	- Surface Mounted Bollards at Bump-outs	4	EA	\$1,200.00	\$4,800.00		
	- Thermoplastic Paint	1	Allowance	\$1,000.00	\$1,000.00		Symbols
	- Signage	2	EA	\$600.00	\$1,200.00		
	- Bicycle Racks	0	EA	\$650.00	\$0.00		
	- Benches	0	EA	\$1,500.00	\$0.00		
Buffer	- 6" Excavation for topsoil & Seed	50	CY	\$18.50	\$925.00		
	- 6" Topsoil	60	CY	\$45.00	\$2,700.00		20% Compaction
	- Fine Grading and Seeding	2,712	SF	\$4.50	\$12,204.00		
	- 24" Structural Soil at Tree Pits	55	CY	\$65.00	\$3,575.00		20% Compaction, 10' width x 8C-BOSW
	- 24" Excavation at Tree Pits	45	CY	\$18.50	\$832.50		10'x10'x2'
	- Trees	5	EA	\$800.00	\$4,000.00		
	- Existing Utilities Relocation	1	EA				Work by Utility Company
	- Smart Lighting	4	EA	\$8,000.00	\$32,000.00		
Bus Stop	- Bus Shelter	1	Allowance	\$10,000.00	\$10,000.00		
	- Bicycle Racks	1	EA	\$650.00	\$650.00		
	- Bus Signage	1	EA	\$600.00	\$600.00		
	- Thermoplastic Paint	215	SF	\$15.00	\$3,225.00		
	- Benches	2	EA	\$1,500.00	\$3,000.00		
West Pedestrian Improvements							
Sidewalk	- 5" Bituminous Repaving of Roadway (Curb Replacement)	10	TON	\$150.00	\$1,500.00		
	- 12" Subbase for Repaving of Roadway (Curb Replacement)	15	CY	\$45.00	\$675.00		20% Compaction
	- 18" Excavation for Granite Curb	18	CY	\$18.50	\$333.00		Curb Excavation - 1'x1.5'
	- 6" (wide) Granite Curbing (Streetscape)	330	LF	\$40.00	\$13,200.00		
	- 12" Excavation for Concrete Sidewalk	136	CY	\$18.50	\$2,516.00		
	- 6" Concrete Paving	3,665	SF	\$10.00	\$36,650.00		
	- 6" Subbase for Concrete Paving	82	CY	\$45.00	\$3,690.00		20% Compaction
	- Driveway Curb Transition	0	EA	\$750.00	\$0.00		
	- Handicap Curb Transition	4	EA	\$550.00	\$2,200.00		
	- Cap Existing Drainage Structure and tie into with New Structure	1	EA	\$8,000.00	\$8,000.00		
	- Surface Mounted Bollards at Bump-outs	8	EA	\$1,200.00	\$9,600.00		
	- 24" Structural Soil at Tree Pits	60	CY	\$65.00	\$3,900.00		20% Compaction, 10' width x 8C-BOSW
	- 24" Excavation at Tree Pits	50	CY	\$18.50	\$925.00		10'x10'x2'
	- Paver-Grate System	6	EA	\$4,000.00	\$24,000.00		
	- Trees	6	EA	\$800.00	\$4,800.00		
	- Existing Utilities Relocation	0	EA				Work by Utility Company
- Smart Lighting	4	EA	\$8,000.00	\$32,000.00			
Bus Stop	- Bus Shelter	1	Allowance	\$10,000.00	\$10,000.00		
	- Bicycle Racks	1	EA	\$650.00	\$650.00		
	- Benches	2	EA	\$1,500.00	\$3,000.00		
	- Bus Signage	1	EA	\$600.00	\$600.00		
	- Thermoplastic Paint	215	SF	\$15.00	\$3,225.00		
				Subtotal		\$316,786.00	

Lincoln Ave & Craig Street Intersection Improvements

Intersection Improvements						
- Crosswalk Striping	131	LF	\$18.00	\$2,358.00		
- Wayfinding & Signage	1	Allowance	\$6,000.00	\$6,000.00		
				Subtotal	\$8,358.00	

Craig Street - Block 5 (Lincoln Ave-Duane Ave)

Roadway Improvements						
Road	- 1.5" Milling of Roadway and On-Street Parking	960	SY	\$3.00	\$2,880.00	
	- 1.5" Bituminous Repaving of Roadway and On-Street Parking	80	TON	\$150.00	\$12,000.00	
East Pedestrian/Bicyclist Improvements						
Sidewalk	- 5" Bituminous Repaving of Roadway (Curb Replacement)	10	TON	\$150.00	\$1,500.00	
	- 12" Subbase for Repaving of Roadway (Curb Replacement)	15	CY	\$45.00	\$675.00	20% Compaction
	- 18" Excavation for Granite Curb	19	CY	\$18.50	\$351.50	Curb Excavation - 1'x1.5'
	- 6" (wide) Granite Curbing (Streetscape)	336	LF	\$40.00	\$13,440.00	
	- 12" Excavation for Concrete Sidewalk	112	CY	\$18.50	\$2,072.00	
	- 6" Concrete Paving	3,030	SF	\$10.00	\$30,300.00	
	- 6" Subbase for Concrete Paving	67	CY	\$45.00	\$3,015.00	20% Compaction
	- Driveway Curb Transition	0	EA	\$750.00	\$0.00	
	- Handicap Curb Transition	4	EA	\$550.00	\$2,200.00	
	- Cap Existing Drainage Structure and tie into with New Structure	2	EA	\$8,000.00	\$16,000.00	
	- Bicycle Racks	0	EA	\$650.00	\$0.00	
	- Surface Mounted Bollards at Bump-outs	8	EA	\$1,200.00	\$9,600.00	
	- Thermoplastic Paint	1	Allowance	\$1,000.00	\$1,000.00	Symbols
	- Signage	2	EA	\$600.00	\$1,200.00	
	- Benches	0	EA	\$1,500.00	\$0.00	
Buffer	- 6" Excavation for topsoil & Seed	65	CY	\$18.50	\$1,202.50	
	- 6" Topsoil	78	CY	\$45.00	\$3,510.00	20% Compaction
	- Fine Grading and Seeding	3,512	SF	\$4.50	\$15,804.00	20% Compaction
	- 24" Structural Soil at Tree Pits	88	CY	\$65.00	\$5,720.00	20% Contingency, 10' width x BC-BOSW
	- 24" Excavation at Tree Pits	64	CY	\$18.50	\$1,184.00	10'x10'x2'
	- Trees	8	EA	\$800.00	\$6,400.00	
	- Existing Utilities Relocation	1	EA			Work by Utility Company
	- Smart Lighting	4	EA	\$8,000.00	\$32,000.00	
Bus Stop	- Bus Stop Shelter	0	Allowance	\$10,000.00	\$0.00	
	- Benches	0	EA	\$1,500.00	\$0.00	
	- Bus Signage	0	EA	\$600.00	\$0.00	
	- Thermoplastic Paint	0	SF	\$15.00	\$0.00	
	- Bicycle Racks	0	EA	\$650.00	\$0.00	
West Pedestrian Improvements						
Sidewalk	- 5" Bituminous Repaving of Roadway (Curb Replacement)	10	TON	\$150.00	\$1,500.00	
	- 12" Subbase for Repaving of Roadway (Curb Replacement)	14	CY	\$45.00	\$630.00	20% Compaction
	- 18" Excavation for Granite Curb	18	CY	\$18.50	\$333.00	Curb Excavation - 1'x1.5'
	- 6" (wide) Granite Curbing (Streetscape)	322	LF	\$40.00	\$12,880.00	
	- 12" Excavation for Concrete Sidewalk	146	CY	\$18.50	\$2,701.00	
	- 6" Concrete Paving	3,292	SF	\$10.00	\$32,920.00	
	- 6" Subbase for Concrete Paving	73	CY	\$45.00	\$3,285.00	20% Compaction
	- Driveway Curb Transition	0	EA	\$750.00	\$0.00	
	- Handicap Curb Transition	4	EA	\$550.00	\$2,200.00	
	- Cap Existing Drainage Structure and tie into with New Structure	1	EA	\$8,000.00	\$8,000.00	
	- Surface Mounted Bollards at Bump-outs	6	EA	\$1,200.00	\$7,200.00	
	- 24" Structural Soil at Tree Pits	54	CY	\$65.00	\$3,510.00	20% Compaction, 10' width x BC-BOSW
	- 24" Excavation at Tree Pits	45	CY	\$18.50	\$832.50	10'x10'x2'
	- Paver-Grate System	6	EA	\$4,000.00	\$24,000.00	
- Trees	6	EA	\$800.00	\$4,800.00		
- Existing Utilities Relocation	0	EA			Work by Utility Company	
- Smart Lighting	4	EA	\$8,000.00	\$32,000.00		
Bus Stop	- Bus Shelter	0	Allowance	\$10,000.00	\$0.00	
	- Bicycle Racks	0	EA	\$650.00	\$0.00	
	- Benches	0	EA	\$1,500.00	\$0.00	
	- Thermoplastic Paint	0	SF	\$15.00	\$0.00	
	- Bus Signage	0	EA	\$600.00	\$0.00	
				Subtotal	\$298,845.50	

City of Schenectady Craig-Main Connection

Duane Ave & Craig Street Intersection Improvements

Intersection Improvements						
- Crosswalk Striping	136	LF	\$18.00	\$2,448.00		
- Pedestrian Signals	1	Allowance	\$33,700.00	\$33,700.00		Includes pedestrian poles, heads, pull boxes, wiring
				Subtotal	\$36,148.00	

Craig Street - Block 6 (Duane Ave-Strong Street)

Roadway Improvements						
Road	- 1.5" Milling of Roadway and On-Street Parking	800	SY	\$3.00	\$2,400.00	
	- 1.5" Bituminous Repaving of Roadway and On-Street Parking	67	TON	\$150.00	\$10,050.00	
East Pedestrian/Bicyclist Improvements						
Sidewalk	- 5" Bituminous Repaving of Roadway (Curb Replacement)	9	TON	\$150.00	\$1,350.00	
	- 12" Subbase for Repaving of Roadway (Curb Replacement)	13	CY	\$45.00	\$585.00	20% Compaction
	- 18" Excavation for Granite Curb	16	CY	\$18.50	\$296.00	Curb Excavation - 1'x1.5'
	- 6" (wide) Granite Curbing (Streetscape)	300	LF	\$40.00	\$12,000.00	
	- 12" Excavation for Concrete Sidewalk	100	CY	\$18.50	\$1,850.00	
	- 6" Concrete Paving	2,726	SF	\$10.00	\$27,260.00	
	- 6" Subbase for Concrete Paving	50	CY	\$45.00	\$2,250.00	20% Compaction
	- Driveway Curb Transition	1	EA	\$750.00	\$750.00	
	- Handicap Curb Transition	4	EA	\$550.00	\$2,200.00	
	- Cap Existing Drainage Structure and tie into with New Structure	2	EA	\$8,000.00	\$16,000.00	
	- Bicycle Racks	0	EA	\$650.00	\$0.00	
	- Benches	0	EA	\$1,500.00	\$0.00	
	- Surface Mounted Bollards at Bump-outs	8	EA	\$1,200.00	\$9,600.00	
	- Thermoplastic Paint	1	Allowance	\$1,000.00	\$1,000.00	Symbols
	- Signage	2	EA	\$600.00	\$1,200.00	
Buffer	- 6" Excavation for topsoil & Seed	43	CY	\$18.50	\$795.50	
	- 6" Topsoil	51	CY	\$45.00	\$2,295.00	20% Compaction
	- Fine Grading and Seeding	2,315	SF	\$4.50	\$10,417.50	
	- 24" Structural Soil at Tree Pits	44	CY	\$65.00	\$2,860.00	20% Compaction, 10' width x BC-BOSW
	- 24" Excavation at Tree Pits	32	CY	\$18.50	\$592.00	10'x10'x2'
	- Trees	4	EA	\$800.00	\$3,200.00	
	- Existing Utilities Relocation	0	EA			Work by Utility Company
	- Smart Lighting	3	EA	\$8,000.00	\$24,000.00	
Bus Stop	- Plaza Shelter	1	Allowance	\$10,000.00	\$10,000.00	
	- Bicycle Racks	1	EA	\$650.00	\$650.00	
	- Bus Signage	1	EA	\$600.00	\$600.00	
	- Thermoplastic Paint	215	SF	\$15.00	\$3,225.00	
	- Benches	2	EA	\$1,500.00	\$3,000.00	
West Pedestrian Improvements						
Sidewalk	- 5" Bituminous Repaving of Roadway (Curb Replacement)	11	TON	\$150.00	\$1,650.00	
	- 12" Subbase for Repaving of Roadway (Curb Replacement)	16	CY	\$45.00	\$720.00	20% Compaction
	- 18" Excavation for Granite Curb	20	CY	\$18.50	\$370.00	Curb Excavation - 1'x1.5'
	- 6" (wide) Granite Curbing (Streetscape)	365	LF	\$40.00	\$14,600.00	
	- 12" Excavation for Concrete Sidewalk	140	CY	\$18.50	\$2,590.00	
	- 6" Concrete Paving	3,800	SF	\$10.00	\$38,000.00	
	- 6" Subbase for Concrete Paving	84	CY	\$45.00	\$3,780.00	20% Compaction
	- Driveway Curb Transition	1	EA	\$750.00	\$750.00	
	- Handicap Curb Transition	4	EA	\$550.00	\$2,200.00	
	- Cap Existing Drainage Structure and tie into with New Structure	1	EA	\$8,000.00	\$8,000.00	
	- Surface Mounted Bollards at Bump-outs	8	EA	\$1,200.00	\$9,600.00	
	- 24" Structural Soil at Tree Pits	66	CY	\$65.00	\$4,290.00	20% Compaction, 10' width x BC-BOSW
	- 24" Excavation at Tree Pits	44	CY	\$18.50	\$814.00	10'x10'x2'
	- Paver-Grate System	6	EA	\$4,000.00	\$24,000.00	
	- Trees	6	EA	\$800.00	\$4,800.00	
	- Existing Utilities Relocation	0	EA			Work by Utility Company
	- Smart Lighting	3	EA	\$8,000.00	\$24,000.00	
Bus Stop	- Bus Shelter	1	Allowance	\$10,000.00	\$10,000.00	
	- Bicycle Racks	1	EA	\$650.00	\$650.00	
	- Benches	2	EA	\$1,500.00	\$3,000.00	
	- Thermoplastic Paint	200	SF	\$15.00	\$3,000.00	
	- Bus Signage	1	EA	\$600.00	\$600.00	
				Subtotal	\$307,840.00	

Strong Street & Craig Street Intersection Improvements

Intersection Improvements						
- Crosswalk Striping	50	LF	\$18.00	\$900.00		Across Strong St.
				Subtotal	\$900.00	

Craig Street - Block 7 (Strong Street-Wyllie Street)

Roadway Improvements						
Road	- 1.5" Milling of Roadway and On-Street Parking	432	SY	\$3.00	\$1,296.00	
	- 1.5" Bituminous Repaving of Roadway and On-Street Parking	36	TON	\$150.00	\$5,400.00	
East Pedestrian/Bicyclist Improvements						
Sidewalk	- 5" Bituminous Repaving of Roadway (Curb Replacement)	11	TON	\$150.00	\$1,650.00	
	- 12" Subbase for Repaving of Roadway (Curb Replacement)	16	CY	\$45.00	\$720.00	20% Compaction
	- 18" Excavation for Granite Curb	15	CY	\$18.50	\$277.50	Curb Excavation - 1'x1.5'
	- 6" (wide) Granite Curbing (Streetscape)	260	LF	\$40.00	\$10,400.00	
	- 12" Excavation for Concrete Sidewalk	55	CY	\$18.50	\$1,017.50	
	- 6" Concrete Paving	1,490	SF	\$10.00	\$14,900.00	
	- 6" Subbase for Concrete Paving	30	CY	\$45.00	\$1,350.00	20% Compaction
	- Driveway Curb Transition	0	EA	\$750.00	\$0.00	
	- Handicap Curb Transition	4	EA	\$550.00	\$2,200.00	
	- Cap Existing Drainage Structure and tie into with New Structure	1	EA	\$8,000.00	\$8,000.00	
	- Surface Mounted Bollards at Bump-outs	8	EA	\$1,200.00	\$9,600.00	
	- Bicycle Racks	0	EA	\$650.00	\$0.00	
	- Benches	0	EA	\$1,500.00	\$0.00	
	- Thermoplastic Paint	1	Allowance	\$1,000.00	\$1,000.00	Symbols
	- Signage	2	EA	\$600.00	\$1,200.00	
Buffer	- 6" Excavation for topsoil & Seed	28	CY	\$18.50	\$518.00	
	- 6" Topsoil	34	CY	\$45.00	\$1,530.00	20% Compaction
	- Fine Grading and Seeding	1,529	SF	\$4.50	\$6,880.50	
	- 24" Structural Soil at Tree Pits	55	CY	\$65.00	\$3,575.00	20% Compaction, 10' width x BC-BOSW
	- 24" Excavation at Tree Pits	40	CY	\$18.50	\$740.00	10'x10'x2'
	- Trees	5	EA	\$800.00	\$4,000.00	
	- Existing Utilities Relocation	0	EA			Work by Utility Company
	- Smart Lighting	3	EA	\$8,000.00	\$24,000.00	
Bus Stop	- Bus Shelter	0	Allowance	\$10,000.00	\$0.00	
	- Bicycle Racks	0	EA	\$650.00	\$0.00	
	- Benches	0	EA	\$1,500.00	\$0.00	
	- Thermoplastic Paint	0	SF	\$15.00	\$0.00	
	- Bus Signage	0	EA	\$600.00	\$0.00	
West Pedestrian Improvements						
Sidewalk	- 5" Bituminous Repaving of Roadway (Curb Replacement)	7	TON	\$150.00	\$1,050.00	
	- 12" Subbase for Repaving of Roadway (Curb Replacement)	11	CY	\$45.00	\$495.00	20% Compaction
	- 18" Excavation for Granite Curb	13	CY	\$18.50	\$240.50	Curb Excavation - 1'x1.5'
	- 6" (wide) Granite Curbing (Streetscape)	240	LF	\$40.00	\$9,600.00	
	- 12" Excavation for Concrete Sidewalk	67	CY	\$18.50	\$1,239.50	
	- 6" Concrete Paving	1,820	SF	\$10.00	\$18,200.00	
	- 6" Subbase for Concrete Paving	40	CY	\$45.00	\$1,800.00	20% Compaction
	- Driveway Curb Transition	0	EA	\$750.00	\$0.00	
	- Handicap Curb Transition	4	EA	\$550.00	\$2,200.00	
	- Cap Existing Drainage Structure and tie into with New Structure	0	EA	\$8,000.00	\$0.00	
	- 24" Structural Soil at Tree Pits	33	CY	\$65.00	\$2,145.00	20% Compaction, 10' width x BC-BOSW
	- 24" Excavation at Tree Pits	24	CY	\$18.50	\$444.00	10'x10'x2'
	- Paver-Grate System	3	EA	\$4,000.00	\$12,000.00	
	- Trees	3	EA	\$800.00	\$2,400.00	
	- Existing Utilities Relocation	0	EA			Work by Utility Company
	- Smart Lighting	2	EA	\$8,000.00	\$16,000.00	

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--- CRAIG STREET ---
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Preliminary Cost Estimates:

City of Schenectady Craig-Main Connection

Bus Stop	- Bus Shelter	0	Allowance	\$10,000.00	\$0.00			
	- Bicycle Racks	0	EA	\$650.00	\$0.00			
	- Benches	0	EA	\$1,500.00	\$0.00			
	- Thermoplastic Paint	0	SF	\$15.00	\$0.00			
	- Bus Signage	0	EA	\$600.00	\$0.00			
				Subtotal	\$168,068.50			
Wyllie Street & Craig Street Intersection Improvements								
Intersection Improvements								
				Subtotal	\$0.00			
Bridge - Block 8 (Wyllie Street-Education Drive)								
Improvements								
- Bridge Improvement Allowance (Assumes Deck is in fair condition and does NOT include Full Deck Replacement)		1	Allowance	\$430,000.00	\$430,000.00			
- Streetscape Improvement Allowance from end of bridge to Education Drive		1	Allowance	\$120,000.00	\$120,000.00			
				Subtotal	\$550,000.00			
Education Drive & Main Ave Intersection Improvements								
Intersection Improvements								
				Subtotal	\$0.00			
Main Avenue - Block 9 (Education Drive-Forest Road)								
Road	Roadway Improvements							
	- 1.5" Milling of Roadway and On-Street Parking	700	SY	\$3.00	\$2,100.00			
	- 1.5" Bituminous Repaving of Roadway and On-Street Parking	58	TON	\$150.00	\$8,700.00			
Sidewalk	South Pedestrian/Bicyclist Improvements							
	- 5" Bituminous Repaving of Roadway (Curb Replacement)	11	TON	\$150.00	\$1,650.00			
	- 12" Subbase for Repaving of Roadway (Curb Replacement)	16	CY	\$45.00	\$720.00		20% Compaction	
	- 18" Excavation for Granite Curb	20	CY	\$18.50	\$370.00		Curb Excavation - 1'x1.5'	
	- 6" (wide) Granite Curbing (Streetscape)	350	LF	\$40.00	\$14,000.00			
	- 12" Excavation for Concrete Sidewalk	117	CY	\$18.50	\$2,164.50			
	- 6" Concrete Paving	3,167	SF	\$10.00	\$31,670.00			
	- 6" Subbase for Concrete Paving	70	CY	\$45.00	\$3,150.00		20% Compaction	
	- Driveway Curb Transition	2	EA	\$750.00	\$1,500.00			
	- Handicap Curb Transition	3	EA	\$550.00	\$1,650.00			
	- Cap Existing Drainage Structure and tie into with New Structure	1	EA	\$8,000.00	\$8,000.00			
	- Bicycle Racks	2	EA	\$650.00	\$1,300.00			
	- Benches	4	EA	\$1,500.00	\$6,000.00			
	- Thermoplastic Paint	1	Allowance	\$1,000.00	\$1,000.00		Symbols	
		- Signage	2	EA	\$600.00	\$1,200.00		
	Buffer	- 6" Excavation for topsoil & Seed	45	CY	\$18.50	\$832.50		
- 6" Topsoil		55	CY	\$45.00	\$2,475.00		20% Compaction	
- Fine Grading and Seeding		2,460	SF	\$4.50	\$11,070.00			
- 24" Structural Soil at Tree Pits		66	CY	\$65.00	\$4,290.00		20% Compaction, 10' width x 8C-BOSW	
- 24" Excavation at Tree Pits		50	CY	\$18.50	\$925.00		10'x10'x2'	
- Trees		5	EA	\$800.00	\$4,000.00			
- Existing Utilities Relocation		0	EA				Work by Utility Company	
	- Smart Lighting	4	EA	\$8,000.00	\$32,000.00			
Bus Stop	- Bus Shelter	0	Allowance	\$10,000.00	\$0.00			
	- Bicycle Racks	0	EA	\$650.00	\$0.00			
	- Benches	0	EA	\$1,500.00	\$0.00			
	- Thermoplastic Paint	0	SF	\$15.00	\$0.00			
	- Bus Signage	0	EA	\$600.00	\$0.00			
Sidewalk	North Pedestrian Improvements							
	- 5" Bituminous Repaving of Roadway (Curb Replacement)	13	TON	\$150.00	\$1,950.00			
	- 12" Subbase for Repaving of Roadway (Curb Replacement)	16	CY	\$45.00	\$720.00		20% Compaction	
	- 18" Excavation for Granite Curb	24	CY	\$18.50	\$444.00		Curb Excavation - 1'x1.5'	
	- 6" (wide) Granite Curbing (Streetscape)	425	LF	\$40.00	\$17,000.00			
	- 12" Excavation for Concrete Sidewalk	106	CY	\$18.50	\$1,961.00			
	- 6" Concrete Paving	2,870	SF	\$8.00	\$22,960.00			
	- 6" Subbase for Concrete Paving	64	CY	\$45.00	\$2,880.00		20% Compaction	
	- Driveway Curb Transition	2	EA	\$750.00	\$1,500.00			
	- Handicap Curb Transition	2	EA	\$550.00	\$1,100.00			
	- Cap Existing Drainage Structure and tie into with New Structure	1	EA	\$8,000.00	\$8,000.00			
	- 24" Structural Soil at Tree Pits	0	CY	\$65.00	\$0.00		20% Compaction, 10' width x 8C-BOSW	
	- 24" Excavation at Tree Pits	0	CY	\$18.50	\$0.00		10'x10'x2'	
	- Paver-Grate System	0	EA	\$4,000.00	\$0.00			
	- Trees	0	EA	\$800.00	\$0.00			
- Existing Utilities Relocation	0	EA				Work by Utility Company		
	- Surface Mounted Bollards at Bump-outs	6	EA	\$1,200.00	\$7,200.00			
	- Smart Lighting	4	EA	\$8,000.00	\$32,000.00			
Bus Stop	- Bus Shelter	0	Allowance	\$10,000.00	\$0.00			
	- Bus Stop Signage	1	EA	\$600.00	\$600.00			
	- Benches	2	EA	\$1,500.00	\$3,000.00			
	- Bicycle Racks	1	EA	\$650.00	\$650.00			
				Subtotal	\$242,732.00			
Forest Road & Main Ave Intersection Improvements								
Intersection Improvements								
- Crosswalk Striping		75	LF	\$18.00	\$1,350.00			
- Wayfinding & Signage		1	Allowance	\$6,000.00	\$6,000.00			
				Subtotal	\$7,350.00			
Main Avenue - Block 10 (Forest Road-Holland Road)								
Roadway Improvements								
Road	- 1.5" Milling of Roadway and On-Street Parking	930	SY	\$3.00	\$2,790.00			
	- 1.5" Bituminous Repaving of Roadway and On-Street Parking	77	TON	\$150.00	\$11,550.00			
Sidewalk	South Pedestrian/Bicyclist Improvements							
	- 5" Bituminous Repaving of Roadway (Curb Replacement)	15	TON	\$150.00	\$2,250.00			
	- 12" Subbase for Repaving of Roadway (Curb Replacement)	22	CY	\$45.00	\$990.00		20% Compaction	
	- 18" Excavation for Granite Curb	27	CY	\$18.50	\$499.50		Curb Excavation - 1'x1.5'	
	- 6" (wide) Granite Curbing (Streetscape)	486	LF	\$40.00	\$19,440.00			
	- 12" Excavation for Concrete Sidewalk	160	CY	\$18.50	\$2,960.00			
	- 6" Concrete Paving	4,320	SF	\$10.00	\$43,200.00			
	- 6" Subbase for Concrete Paving	96	CY	\$45.00	\$4,320.00		20% Compaction	
	- Driveway Curb Transition	10	EA	\$750.00	\$7,500.00			
	- Handicap Curb Transition	4	EA	\$550.00	\$2,200.00			
	- Cap Existing Drainage Structure and tie into with New Structure	1	EA	\$8,000.00	\$8,000.00			
	- Bicycle Racks	0	EA	\$650.00	\$0.00			
	- Benches	0	EA	\$1,500.00	\$0.00			
	- Thermoplastic Paint	1	Allowance	\$1,000.00	\$1,000.00		Symbols	
		- Signage	2	EA	\$600.00	\$1,200.00		
	Buffer	- 6" Excavation for topsoil & Seed	45	CY	\$18.50	\$832.50		
- 6" Topsoil		54	CY	\$45.00	\$2,430.00		20% Compaction	
- Fine Grading and Seeding		2,424	SF	\$4.50	\$10,908.00			
- 24" Structural Soil at Tree Pits		88	CY	\$65.00	\$5,720.00		20% Compaction, 10' width x 8C-BOSW	
- 24" Excavation at Tree Pits		64	CY	\$18.50	\$1,184.00		10'x10'x2'	
- Trees		8	EA	\$800.00	\$6,400.00			
- Existing Utilities Relocation		0	EA				Work by Utility Company	
	- Smart Lighting	4	EA	\$8,000.00	\$32,000.00			
Bus Stop	- Bus Shelter	1	Allowance	\$10,000.00	\$10,000.00			
	- Bus Stop Signage	1	EA	\$600.00	\$600.00			
	- Benches	1	EA	\$1,500.00	\$1,500.00			
	- Bicycle Racks	1	EA	\$650.00	\$650.00			

City of Schenectady Craig-Main Connection

North Pedestrian Improvements							
Sidewalk	- 5" Bituminous Repaving of Roadway (Curb Replacement)	20	TON	\$150.00	\$3,000.00		
	- 12" Subbase for Repaving of Roadway (Curb Replacement)	28	CY	\$45.00	\$1,260.00		20% Compaction
	- 18" Excavation for Granite Curb	34	CY	\$18.50	\$629.00		Curb Excavation - 1'x1.5'
	- 6" (wide) Granite Curbing (Streetscape)	620	LF	\$40.00	\$24,800.00		
	- 12" Excavation for Concrete Sidewalk	80	CY	\$18.50	\$1,480.00		
	- 6" Concrete Paving	2,150	SF	\$10.00	\$21,500.00		
	- 6" Subbase for Concrete Paving	48	CY	\$45.00	\$2,160.00		20% Compaction
	- Driveway Curb Transition	6	EA	\$750.00	\$4,500.00		
	- Handicap Curb Transition	2	EA	\$550.00	\$1,100.00		
	- Cap Existing Drainage Structure and tie into with New Structure	1	EA	\$8,000.00	\$8,000.00		
	- 6" Excavation for topsoil & Seed	86	CY	\$18.50	\$1,591.00		
	- 6" Topsoil	103	CY	\$45.00	\$4,635.00		20% Compaction
	- Fine Grading and Seeding	4,650	SF	\$4.50	\$20,925.00		
	- 24" Structural Soil at Tree Pits	88	CY	\$65.00	\$5,720.00		20% Compaction, 10' width x BC-BOSW
	- 24" Excavation at Tree Pits	64	CY	\$18.50	\$1,184.00		10'x10'x2'
	- Paver-Grate System	8	EA	\$4,000.00	\$32,000.00		
Bus Stop	- Trees	8	EA	\$800.00	\$6,400.00		
	- Existing Utilities Relocation	0	EA			Work by Utility Company	
	- Smart Lighting	4	EA	\$8,000.00	\$32,000.00		
	- Bus Shelter	0	Allowance	\$10,000.00	\$0.00		
	- Bicycle Racks	0	EA	\$650.00	\$0.00		
	- Benches	0	EA	\$1,500.00	\$0.00		
	- Thermoplastic Paint	0	SF	\$15.00	\$0.00		
	- Bus Signage	0	EA	\$600.00	\$0.00		
					Subtotal	\$353,008.00	

Holland Road & Main Ave Intersection Improvements

Intersection Improvements							
					Subtotal	\$0.00	

Main Avenue - Block 11 (Holland Road-Willett Street)

Roadway Improvements							
Road	- 1.5" Milling of Roadway and On-Street Parking	400	SY	\$3.00	\$1,200.00		
	- 1.5" Bituminous Repaving of Roadway and On-Street Parking	33	TON	\$150.00	\$4,950.00		
South Pedestrian/Bicyclist Improvements							
Sidewalk	- 5" Bituminous Repaving of Roadway (Curb Replacement)	10	TON	\$150.00	\$1,500.00		
	- 12" Subbase for Repaving of Roadway (Curb Replacement)	15	CY	\$45.00	\$675.00		20% Compaction
	- 18" Excavation for Granite Curb	19	CY	\$18.50	\$351.50		Curb Excavation - 1'x1.5'
	- 6" (wide) Granite Curbing (Streetscape)	340	LF	\$40.00	\$13,600.00		
	- 12" Excavation for Concrete Sidewalk	102	CY	\$18.50	\$1,887.00		
	- 6" Concrete Paving	2,760	SF	\$10.00	\$27,600.00		
	- 6" Subbase for Concrete Paving	61	CY	\$45.00	\$2,745.00		20% Compaction
	- Driveway Curb Transition	2	EA	\$750.00	\$1,500.00		
	- Handicap Curb Transition	4	EA	\$550.00	\$2,200.00		
	- Cap Existing Drainage Structure and tie into with New Structure	2	EA	\$8,000.00	\$16,000.00		
	- Bicycle Racks	0	EA	\$650.00	\$0.00		
	- Benches	0	EA	\$1,500.00	\$0.00		
	- Thermoplastic Paint	1	Allowance	\$1,000.00	\$1,000.00		Symbols
	- Signage	2	EA	\$600.00	\$1,200.00		
Buffer	- 6" Excavation for topsoil & Seed	30	CY	\$18.50	\$555.00		
	- 6" Topsoil	36	CY	\$45.00	\$1,620.00		20% Compaction
	- Fine Grading and Seeding	1,620	SF	\$4.50	\$7,290.00		
	- 24" Structural Soil at Tree Pits	66	CY	\$65.00	\$4,290.00		20% Compaction, 10' width x 8C-BOSW
	- 24" Excavation at Tree Pits	50	CY	\$18.50	\$925.00		10'x10'x2'
	- Trees	6	EA	\$800.00	\$4,800.00		
	- Existing Utilities Relocation	0	EA			Work by Utility Company	
	- Smart Lighting	3	EA	\$8,000.00	\$24,000.00		
	- Benches	2	EA	\$1,500.00	\$3,000.00		
Bus Stop	- Bus Shelter	0	Allowance	\$10,000.00	\$0.00		
	- Bicycle Racks	0	EA	\$650.00	\$0.00		
	- Benches	0	EA	\$1,500.00	\$0.00		
	- Thermoplastic Paint	0	SF	\$15.00	\$0.00		
	- Bus Signage	0	EA	\$600.00	\$0.00		
North Pedestrian Improvements							
Sidewalk	- 5" Bituminous Repaving of Roadway (Curb Replacement)	8	TON	\$150.00	\$1,200.00		
	- 12" Subbase for Repaving of Roadway (Curb Replacement)	16	CY	\$45.00	\$720.00		20% Compaction
	- 18" Excavation for Granite Curb	20	CY	\$18.50	\$370.00		Curb Excavation - 1'x1.5'
	- 6" (wide) Granite Curbing (Streetscape)	350	LF	\$40.00	\$14,000.00		
	- 12" Excavation for Concrete Sidewalk	52	CY	\$18.50	\$962.00		Curb Excavation - 1'x1.5'
	- 6" Concrete Paving	1,400	SF	\$8.00	\$11,200.00		
	- 6" Subbase for Concrete Paving	31	CY	\$45.00	\$1,395.00		20% Compaction
	- Driveway Curb Transition	3	EA	\$750.00	\$2,250.00		
	- Handicap Curb Transition	4	EA	\$550.00	\$2,200.00		
	- Cap Existing Drainage Structure and tie into with New Structure	1	EA	\$8,000.00	\$8,000.00		
	- 6" Excavation for topsoil & Seed	33	CY	\$18.50	\$610.50		
	- 6" Topsoil	40	CY	\$45.00	\$1,800.00		20% Compaction
	- Fine Grading and Seeding	1,800	SF	\$4.50	\$8,100.00		
	- 24" Structural Soil at Tree Pits	22	CY	\$65.00	\$1,430.00		20% Compaction, 10' width x 8C-BOSW
	- 24" Excavation at Tree Pits	16	CY	\$18.50	\$296.00		10'x10'x2'
	- Paver-Grate System	0	EA	\$4,000.00	\$0.00		
	- Trees	2	EA	\$800.00	\$1,600.00		
	- Existing Utilities Relocation	0	EA			Work by Utility Company	
- Smart Lighting	4	EA	\$8,000.00	\$32,000.00			
Bus Stop	- Bus Shelter	0	Allowance	\$10,000.00	\$0.00		
	- Bicycle Racks	0	EA	\$650.00	\$0.00		
	- Benches	0	EA	\$1,500.00	\$0.00		
	- Thermoplastic Paint	0	SF	\$15.00	\$0.00		
	- Bus Signage	0	EA	\$600.00	\$0.00		
				Subtotal	\$211,022.00		

Willett Street & Main Ave Intersection Improvements

Intersection Improvements							
					Subtotal	\$0.00	

Main Avenue - Block 12 (Willett Street-Howard Street)

Roadway Improvements							
Road	- 1.5" Milling of Roadway and On-Street Parking	385	SY	\$3.00	\$1,155.00		
	- 1.5" Bituminous Repaving of Roadway and On-Street Parking	32	TON	\$150.00	\$4,800.00		
South Pedestrian/Bicyclist Improvements							
Sidewalk	- 5" Bituminous Repaving of Roadway (Curb Replacement)	8	TON	\$150.00	\$1,200.00		
	- 12" Subbase for Repaving of Roadway (Curb Replacement)	15	CY	\$45.00	\$675.00		20% Compaction
	- 18" Excavation for Granite Curb	19	CY	\$18.50	\$351.50		Curb Excavation - 1'x1.5'
	- 6" (wide) Granite Curbing (Streetscape)	315	LF	\$40.00	\$12,600.00		
	- 12" Excavation for Concrete Sidewalk	107	CY	\$18.50	\$1,979.50		
	- 6" Concrete Paving	2,880	SF	\$10.00	\$28,800.00		
	- 6" Subbase for Concrete Paving	64	CY	\$45.00	\$2,880.00		20% Compaction
	- Driveway Curb Transition	1	EA	\$750.00	\$750.00		
	- Handicap Curb Transition	4	EA	\$550.00	\$2,200.00		
	- Cap Existing Drainage Structure and tie into with New Structure	1	EA	\$8,000.00	\$8,000.00		
	- Bicycle Racks	0	EA	\$650.00	\$0.00		
	- Benches	0	EA	\$1,500.00	\$0.00		
	- Thermoplastic Paint	1	Allowance	\$1,000.00	\$1,000.00		Symbols
	- Signage	2	EA	\$600.00	\$1,200.00		
Buffer	- 6" Excavation for topsoil & Seed	52	CY	\$18.50	\$962.00		
	- 6" Topsoil	63	CY	\$45.00	\$2,835.00		20% Compaction
	- Fine Grading and Seeding	2,830	SF	\$4.50	\$12,735.00		
	- 24" Structural Soil at Tree Pits	66	CY	\$65.00	\$4,290.00		20% Compaction, 10' width x BC-BOSW
	- 24" Excavation at Tree Pits	54	CY	\$18.50	\$999.00		10'x10'x2'
	- Trees	6	EA	\$800.00	\$4,800.00		
	- Existing Utilities Relocation	0	EA			Work by Utility Company	
	- Smart Lighting	4	EA	\$8,000.00	\$32,000.00		

City of Schenectady Craig-Main Connection

Bus Stop	- Bus Shelter	1	Allowance	\$10,000.00	\$10,000.00		
	- Bicycle Racks	1	EA	\$650.00	\$650.00		
	- Benches	1	EA	\$1,500.00	\$1,500.00		
	- Thermoplastic Paint	200	SF	\$15.00	\$3,000.00		
	- Bus Signage	1	EA	\$600.00	\$600.00		
North Pedestrian Improvements							
Sidewalk	- 5" Bituminous Repaving of Roadway (Curb Replacement)	10	TON	\$150.00	\$1,500.00		
	- 12" Subbase for Repaving of Roadway (Curb Replacement)	14	CY	\$45.00	\$630.00		20% Compaction
	- 18" Excavation for Granite Curb	17	CY	\$18.50	\$314.50		Curb Excavation - 1'x1.5'
	- 6" (wide) Granite Curbing (Streetscape)	312	LF	\$40.00	\$12,480.00		
	- 12" Excavation for Concrete Sidewalk	54	CY	\$18.50	\$999.00		
	- 6" Concrete Paving	1,446	SF	\$8.00	\$11,568.00		
	- 6" Subbase for Concrete Paving	32	CY	\$45.00	\$1,440.00		20% Compaction
	- Driveway Curb Transition	2	EA	\$750.00	\$1,500.00		
	- Handicap Curb Transition	4	EA	\$550.00	\$2,200.00		
	- Cap Existing Drainage Structure and tie into with New Structure	0	EA	\$8,000.00	\$0.00		
	- 24" Structural Soil at Tree Pits	0	CY	\$65.00	\$0.00		20% Compaction, 10' width x 8C-BOSW
	- 24" Excavation at Tree Pits	0	CY	\$18.50	\$0.00		10'x10'x2'
	- Paver-Grate System	0	EA	\$4,000.00	\$0.00		
	- Trees	0	EA	\$800.00	\$0.00		
	- Existing Utilities Relocation	0	EA				Work by Utility Company
	- Smart Lighting	3	EA	\$8,000.00	\$24,000.00		
Bus Stop	- Bus Shelter	0	Allowance	\$10,000.00	\$0.00		
	- Bicycle Racks	0	EA	\$650.00	\$0.00		
	- Benches	0	EA	\$1,500.00	\$0.00		
	- Thermoplastic Paint	0	SF	\$15.00	\$0.00		
	- Bus Signage	0	EA	\$600.00	\$0.00		
				Subtotal	\$198,593.50		

Howard Street & Main Ave Intersection Improvements

Intersection Improvements

				Subtotal	\$0.00		
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Main Avenue - Block 13 (Howard Street-Crane Ave)

Roadway Improvements

Road	- 1.5" Milling of Roadway and On-Street Parking	525	SY	\$3.00	\$1,575.00		
	- 1.5" Bituminous Repaving of Roadway and On-Street Parking	105	TON	\$150.00	\$15,750.00		
South Pedestrian/Bicyclist Improvements							
Sidewalk	- 5" Bituminous Repaving of Roadway (Curb Replacement)	15	TON	\$150.00	\$2,250.00		
	- 12" Subbase for Repaving of Roadway (Curb Replacement)	22	CY	\$45.00	\$990.00		20% Compaction
	- 18" Excavation for Granite Curb	28	CY	\$18.50	\$518.00		Curb Excavation - 1'x1.5'
	- 6" (wide) Granite Curbing (Streetscape)	490	LF	\$40.00	\$19,600.00		
	- 12" Excavation for Concrete Sidewalk	150	CY	\$18.50	\$2,775.00		Curb Excavation - 1'x1.5'
	- 6" Concrete Paving	4,030	SF	\$10.00	\$40,300.00		
	- 6" Subbase for Concrete Paving	90	CY	\$45.00	\$4,050.00		20% Compaction
	- Driveway Curb Transition	4	EA	\$750.00	\$3,000.00		
	- Handicap Curb Transition	4	EA	\$550.00	\$2,200.00		
	- Cap Existing Drainage Structure and tie into with New Structure	1	EA	\$8,000.00	\$8,000.00		
	- Bicycle Racks	2	EA	\$650.00	\$1,300.00		
	- Benches	4	EA	\$1,500.00	\$6,000.00		
	- Thermoplastic Paint	1	Allowance	\$1,000.00	\$1,000.00		Symbols
	- Signage	4	EA	\$600.00	\$2,400.00		
Buffer	- 6" Excavation for topsoil & Seed	60	CY	\$18.50	\$1,110.00		
	- 6" Topsoil	72	CY	\$45.00	\$3,240.00		20% Compaction
	- Fine Grading and Seeding	3,220	SF	\$4.50	\$14,490.00		20% Compaction
	- 24" Structural Soil at Tree Pits	110	CY	\$65.00	\$7,150.00		20% Compaction, 10' width x 8C-BOSW
	- 24" Excavation at Tree Pits	80	CY	\$18.50	\$1,480.00		10'x10'x2'
	- Trees	10	EA	\$800.00	\$8,000.00		
	- Existing Utilities Relocation	0	EA				Work by Utility Company
	- Smart Lighting	5	EA	\$8,000.00	\$40,000.00		
Bus Stop	- Bus Shelter	1	Allowance	\$10,000.00	\$10,000.00		
	- Bicycle Racks	1	EA	\$650.00	\$650.00		
	- Benches	1	EA	\$1,500.00	\$1,500.00		
	- Thermoplastic Paint	200	SF	\$15.00	\$3,000.00		
	- Bus Signage	1	EA	\$600.00	\$600.00		
North Pedestrian Improvements							
Sidewalk	- 18" Excavation for Granite Curb	28	CY	\$18.50	\$518.00		Curb Excavation - 1'x1.5'
	- 6" (wide) Granite Curbing (Streetscape)	518	LF	\$40.00	\$20,720.00		
	- 12" Excavation for Concrete Sidewalk	124	CY	\$18.50	\$2,294.00		Curb Excavation - 1'x1.5'
	- 6" Concrete Paving	3,335	SF	\$8.00	\$26,680.00		
	- 6" Subbase for Concrete Paving	74	CY	\$45.00	\$3,330.00		20% Compaction
	- Driveway Curb Transition	2	EA	\$750.00	\$1,500.00		
	- Handicap Curb Transition	4	EA	\$550.00	\$2,200.00		
	- Cap Existing Drainage Structure and tie into with New Structure	1	EA	\$8,000.00	\$8,000.00		
	- 24" Structural Soil at Tree Pits	0	CY	\$65.00	\$0.00		20% Contingency, 10' width x 8C-BOSW
	- 24" Excavation at Tree Pits	0	CY	\$18.50	\$0.00		10'x10'
	- Paver-Grate System	0	EA	\$4,000.00	\$0.00		
	- Trees	0	EA	\$800.00	\$0.00		
	- Existing Utilities Relocation	0	EA				Work by Utility Company
	- Surface Mounted Bollards at Bump-outs	3	EA	\$1,200.00	\$3,600.00		
	- Smart Lighting	4	EA	\$8,000.00	\$32,000.00		
Bus Stop	- Bus Shelter	0	Allowance	\$10,000.00	\$0.00		
	- Bicycle Racks	0	EA	\$650.00	\$0.00		
	- Benches	0	EA	\$1,500.00	\$0.00		
	- Thermoplastic Paint	0	SF	\$15.00	\$0.00		
	- Bus Signage	0	EA	\$600.00	\$0.00		
				Subtotal	\$303,770.00		

MAIN AVENUE

Craig Street Improvement Project Sub-Total	\$4,468,435.00
20% Construction Contingency	\$893,687.00
10% Design Contingency	
Subtotal	\$446,843.50
A/E Fees	\$522,806.90
Project Total	\$6,331,772.40



OPTION 3: IMPROVED INTERSECTIONS AND PEDESTRIAN SIDEWALKS

	Craig Street	Main Avenue
2019 Total Cost Estimates:	\$3,630,000	\$1,700,000
2020 Total Cost Estimates:	\$3,738,900	\$1,751,000
2021 Total Cost Estimates:	\$3,851,067	\$1,803,530
2022 Total Cost Estimates:	\$3,966,600	\$1,857,636

Preliminary Cost Estimates:

City of Schenectady Craig-Main Connection

August 2019

Project: City of Schenectady Craig - Main Connection Preliminary Cost Estimates

Option: On Street Parking East and West with Improved Sidewalks

Date: 2019-08-13
Last Updated: 2019-09-10



**Note: Preliminary construction cost estimates based on industry standard 2019 pricing. Unit cost should be updated annually.*

ITEM	QUANTITY	UNIT	UNIT COST	TOTAL	SUBTOTALS	NOTES
General						
<i>Miscellaneous</i>						
- Craig Street Survey Layout	1	Allowance	\$25,000.00	\$25,000.00		Albany Street to Education Drive
- Main Ave Survey Layout	1	Allowance	\$16,000.00	\$16,000.00		Education Drive to Crane Street
- Pedestrian/Traffic Control	1	Allowance	\$15,000.00	\$15,000.00		
- Erosion and Sedimentation Control	1	Allowance	\$5,000.00	\$5,000.00		
				<i>Subtotal</i>	\$61,000.00	

Albany Street & Craig Street Intersection Improvements

<i>Intersection Improvements</i>						
- Crosswalk Striping	72	LF	\$18.00	\$1,296.00		
- Countdown Timers	1	Allowance	\$16,100.00	\$16,100.00		Includes pedestrian poles, heads, pull boxes, wiring
- Gateway Treatments	1	Allowance	\$30,000.00	\$30,000.00		Sculpture, public art, monumental signage, lighting, branding
				<i>Subtotal</i>	\$47,396.00	

Craig Street - Block 1 (Albany Street - Emmett Street)

<i>Roadway Improvements</i>						
Road	- 1.5" Milling of Roadway and On-Street Parking	1,400	SY	\$3.00	\$4,200.00	
	- 1.5" Bituminous Repaving of Roadway and On-Street Parking	115	TON	\$150.00	\$17,250.00	
<i>East Pedestrian/Bicyclist Improvements</i>						
Sidewalk	- 5" Bituminous Repaving of Roadway (Curb Replacement)	14	TON	\$150.00	\$2,100.00	
	- 12" Subbase for Repaving of Roadway (Curb Replacement)	20	CY	\$45.00	\$900.00	20% Compaction
	- 18" Excavation for Granite Curb	25	CY	\$18.50	\$462.50	Curb Excavation - 1'x1.5'
	- 6" (wide) Granite Curbing (Streetscape)	455	LF	\$40.00	\$18,200.00	
	- 12" Excavation for Concrete Sidewalk	190	CY	\$18.50	\$3,515.00	
	- 6" Concrete Paving	5,100	SF	\$10.00	\$51,000.00	
	- 6" Subbase for Concrete Paving	115	CY	\$45.00	\$5,175.00	20% Compaction
	- Driveway Curb Transition	1	EA	\$750.00	\$750.00	
	- Handicap Curb Transition	4	EA	\$550.00	\$2,200.00	
	- Cap Existing Drainage Structure and tie into with New Structure	3	EA	\$8,000.00	\$24,000.00	
	- Surface Mounted Bollards at Bump outs	12	EA	\$1,200.00	\$14,400.00	
	- Smart Lighting	5	EA	\$8,000.00	\$40,000.00	
	- Benches	2	EA	\$1,500.00	\$3,000.00	
	- 24" Structural Soil at Tree Pits	55	CY	\$65.00	\$3,575.00	20% Compaction, 10' width x BC-BOSW
	- 24" Excavation at Tree Pits	45	CY	\$18.50	\$832.50	10'x10'x2'
	- Street Trees	8	EA	\$650.00	\$5,200.00	
	- Paver-Grate System	8	EA	\$4,000.00	\$32,000.00	
	<i>West Pedestrian/Bicyclist Improvements</i>					
	- 5" Bituminous Repaving of Roadway (Curb Replacement)	14	TON	\$150.00	\$2,100.00	
	- 12" Subbase for Repaving of Roadway (Curb Replacement)	20	CY	\$45.00	\$900.00	20% Compaction
	- 18" Excavation for Granite Curb	26	CY	\$18.50	\$481.00	Curb Excavation - 1'x1.5'
	- 6" (wide) Granite Curbing (Streetscape)	465	LF	\$40.00	\$18,600.00	
	- 12" Excavation for Concrete Sidewalk	200	CY	\$18.50	\$3,700.00	
	- 6" Concrete Paving	5,450	SF	\$10.00	\$54,500.00	
	- 6" Subbase for Concrete Paving	120	CY	\$45.00	\$5,400.00	20% Compaction
	- Driveway Curb Transition	0	EA	\$750.00	\$0.00	
	- Handicap Curb Transition	4	EA	\$550.00	\$2,200.00	
	- Cap Existing Drainage Structure and tie into with New Structure	2	EA	\$8,000.00	\$16,000.00	
	- Surface Mounted Bollards at Bump outs	12	EA	\$1,200.00	\$14,400.00	
	- Smart Lighting	5	EA	\$8,000.00	\$40,000.00	
	- Benches	2	EA	\$1,500.00	\$3,000.00	
	- 24" Structural Soil at Tree Pits	55	CY	\$65.00	\$3,575.00	20% Compaction, 10' width x BC-BOSW
	- 24" Excavation at Tree Pits	45	CY	\$18.50	\$832.50	10'x10'x2'
	- Street Trees	8	EA	\$650.00	\$5,200.00	
	- Paver-Grate System	8	EA	\$4,000.00	\$32,000.00	
				<i>Subtotal</i>	\$431,648.50	

Emmett Street & Craig Street Intersection Improvements

<i>Intersection Improvements</i>						
- Crosswalk Striping	107	LF	\$18.00	\$1,926.00		
- Countdown Timers	1	Allowance	\$33,700.00	\$33,700.00		Includes pedestrian poles, heads, pull boxes, wiring
- Cabinet, signal poles, signal heads, detection	1	Allowance	\$72,500.00	\$72,500.00		
- Wayfinding & Signage	1	Allowance	\$6,000.00	\$6,000.00		
				<i>Subtotal</i>	\$114,126.00	

Craig Street - Block 2 (Emmett Street - Stanley Street)

<i>Roadway Improvements</i>						
Road	- 1.5" Milling of Roadway and On-Street Parking	1,400	SY	\$3.00	\$4,200.00	
	- 1.5" Bituminous Repaving of Roadway and On-Street Parking	116	TON	\$150.00	\$17,400.00	
<i>East Pedestrian/Bicyclist Improvements</i>						
Sidewalk	- 5" Bituminous Repaving of Roadway (Curb Replacement)	10	TON	\$150.00	\$1,500.00	
	- 12" Subbase for Repaving of Roadway (Curb Replacement)	15	CY	\$45.00	\$675.00	20% Compaction
	- 18" Excavation for Granite Curb	19	CY	\$18.50	\$351.50	Curb Excavation - 1'x1.5'
	- 6" (wide) Granite Curbing (Streetscape)	340	LF	\$40.00	\$13,600.00	
	- 12" Excavation for Concrete Sidewalk	148	CY	\$18.50	\$2,738.00	
	- 6" Concrete Paving	3,992	SF	\$10.00	\$39,920.00	
	- 6" Subbase for Concrete Paving	89	CY	\$45.00	\$4,005.00	20% Compaction
	- Driveway Curb Transition	1	EA	\$750.00	\$750.00	
	- Handicap Curb Transition	4	EA	\$550.00	\$2,200.00	
	- Cap Existing Drainage Structure and tie into with New Structure	2	EA	\$8,000.00	\$16,000.00	
	- Surface Mounted Bollards at Bump outs	4	EA	\$1,200.00	\$4,800.00	
	- Bicycle Racks	0	EA	\$650.00	\$0.00	
	- Benches	1	EA	\$1,500.00	\$1,500.00	
Buffer	- 24" Structural Soil at Tree Pits	66	CY	\$65.00	\$4,290.00	20% Compaction, 10'x10'x2'
	- 24" Excavation at Tree Pits	50	CY	\$18.50	\$925.00	10'x10'x2'
	- Paver-Grate System	6	EA	\$4,000.00	\$24,000.00	
	- Trees	6	EA	\$800.00	\$4,800.00	
	- Existing Utilities Relocation	0	EA			Work by Utility Company
	- Smart Lighting	4	EA	\$8,000.00	\$32,000.00	
Bus Stop and Parking Lot						
	- 1.5" Milling of Parking Lot	1,400	SY	\$3.00	\$4,200.00	
	- 1.5" Bituminous Repaving of Parking Lot	117	TON	\$150.00	\$17,550.00	
	- 6" Excavation for topsoil & Seed	8	CY	\$18.50	\$148.00	
	- 6" Topsoil	10	CY	\$45.00	\$450.00	20% Compaction
	- Fine Grading and Seeding	450	SF	\$4.50	\$2,025.00	
	- Landscape Allowance	1	Allowance	\$5,000.00	\$5,000.00	
	- Striping Allowance	1	Allowance	\$2,000.00	\$2,000.00	
	- 12" Excavation for Concrete Sidewalk (Bus Stop)	26	CY	\$18.50	\$481.00	
	- 6" Concrete Paving (Bus Stop)	700	SF	\$10.00	\$7,000.00	
	- 6" Subbase for Concrete Paving (Bus Stop)	15	CY	\$45.00	\$675.00	20% Compaction
	- Bus Signage	1	EA	\$600.00	\$600.00	
	- Plaza Shelter	1	Allowance	\$20,000.00	\$20,000.00	
	- Bicycle Racks	2	EA	\$650.00	\$1,300.00	
	- Thermoplastic Paint	215	SF	\$15.00	\$3,225.00	
	- Benches	2	EA	\$1,500.00	\$3,000.00	

CRAIG STREET

City of Schenectady Craig-Main Connection

Sidewalk	West Pedestrian Improvements						
	- 5" Bituminous Repaving of Roadway (Curb Replacement)	12	TON	\$150.00	\$1,800.00		
	- 12" Subbase for Repaving of Roadway (Curb Replacement)	18	CY	\$45.00	\$810.00		20% Compaction
	- 18" Excavation for Granite Curb	22	CY	\$18.50	\$407.00		Curb Excavation - 1'x1.5'
	- 6" (wide) Granite Curbing (Streetscape)	400	LF	\$40.00	\$16,000.00		
	- 12" Excavation for Concrete Sidewalk	205	CY	\$18.50	\$3,792.50		
	- 6" Concrete Paving	5,542	SF	\$8.00	\$44,336.00		
	- 6" Subbase for Concrete Paving	120	CY	\$45.00	\$5,400.00		20% Compaction
	- Driveway Curb Transition	1	EA	\$750.00	\$750.00		
	- Handicap Curb Transition	4	EA	\$550.00	\$2,200.00		
	- Cap Existing Drainage Structure and tie into with New Structure	1	EA	\$8,000.00	\$8,000.00		
	- Surface Mounted Bollards at Bump outs	8	EA	\$1,200.00	\$9,600.00		
	- 24" Structural Soil at Tree Pits	77	CY	\$65.00	\$5,005.00		20% Compaction, 10' width x BC-BOSW
	- 24" Excavation at Tree Pits	64	CY	\$18.50	\$1,184.00		10'x10'x2'
	- Paver-Grate System	8	EA	\$4,000.00	\$32,000.00		
	- Trees	8	EA	\$800.00	\$6,400.00		
	- Existing Utilities Relocation	0	EA			Work by Utility Company	
	- Smart Lighting	4	EA	\$8,000.00	\$32,000.00		
Bus Stop	- Bus Stop Shelter	1	Allowance	\$10,000.00	\$10,000.00		
	- Benches	2	EA	\$1,500.00	\$3,000.00		
	- Bus Signage	1	EA	\$600.00	\$600.00		
	- Thermoplastic Paint	215	SF	\$15.00	\$3,225.00		
	- Bicycle Racks	2	EA	\$650.00	\$1,300.00		
Subtotal					\$431,118.00		

Stanley Street & Craig Street Intersection Improvements

Intersection Improvements						
- Crosswalk Striping	44	LF	\$18.00	\$792.00		
- Wayfinding & Signage	1	Allowance	\$6,000.00	\$6,000.00		
Subtotal					\$6,792.00	

Craig Street - Block 3 (Stanley Street-Delamont Ave)

Roadway Improvements							
Road	- 1.5" Milling of Roadway and On-Street Parking	1,233	SY	\$3.00	\$3,699.00		
	- 1.5" Bituminous Repaving of Roadway and On-Street Parking	103	TON	\$150.00	\$15,450.00		
East Pedestrian/Bicyclist Improvements							
Sidewalk	- 5" Bituminous Repaving of Roadway (Curb Replacement)	10	TON	\$150.00	\$1,500.00		
	- 12" Subbase for Repaving of Roadway (Curb Replacement)	16	CY	\$45.00	\$720.00	20% Compaction	
	- 18" Excavation for Granite Curb	19	CY	\$18.50	\$351.50	Curb Excavation - 1'x1.5'	
	- 6" (wide) Granite Curbing (Streetscape)	338	LF	\$40.00	\$13,520.00		
	- 12" Excavation for Concrete Sidewalk	153	CY	\$18.50	\$2,830.50		
	- 6" Concrete Paving	4,120	SF	\$10.00	\$41,200.00		
	- 6" Subbase for Concrete Paving	92	CY	\$45.00	\$4,140.00	20% Compaction	
	- Driveway Curb Transition	1	EA	\$750.00	\$750.00		
	- Handicap Curb Transition	4	EA	\$550.00	\$2,200.00		
	- Cap Existing Drainage Structure and tie into with New Structure	1	EA	\$8,000.00	\$8,000.00		
	- Surface Mounted Bollards at Bump outs	10	EA	\$1,200.00	\$12,000.00		
	- Bicycle Racks	0	EA	\$650.00	\$0.00		
	- Benches	0	EA	\$1,500.00	\$0.00		
	Buffer	- 24" Structural Soil at Tree Pits	66	CY	\$65.00	\$4,290.00	20% Compaction, 10'x10'x2'
- 24" Excavation at Tree Pits		50	CY	\$18.50	\$925.00	10'x10'x2'	
- Paver-Grate System		6	EA	\$4,000.00	\$24,000.00		
- Trees		6	EA	\$800.00	\$4,800.00		
- Existing Utilities Relocation		0	EA	Work by Utility Company			
	- Smart Lighting	4	EA	\$8,000.00	\$32,000.00		
Bus Stop	- Bus Stop Shelter	0	Allowance	\$10,000.00	\$0.00		
	- Benches	0	EA	\$1,500.00	\$0.00		
	- Bus Signage	0	EA	\$600.00	\$0.00		
	- Bicycle Racks	0	EA	\$650.00	\$0.00		
West Pedestrian Improvements							
Sidewalk	- 5" Bituminous Repaving of Roadway (Curb Replacement)	9	TON	\$150.00	\$1,350.00		
	- 12" Subbase for Repaving of Roadway (Curb Replacement)	14	CY	\$45.00	\$630.00	20% Compaction	
	- 18" Excavation for Granite Curb	17	CY	\$18.50	\$314.50	Curb Excavation - 1'x1.5'	
	- 6" (wide) Granite Curbing (Streetscape)	300	LF	\$40.00	\$12,000.00		
	- 12" Excavation for Concrete Sidewalk	122	CY	\$18.50	\$2,257.00		
	- 6" Concrete Paving	3,300	SF	\$8.00	\$26,400.00		
	- 6" Subbase for Concrete Paving	73	CY	\$45.00	\$3,285.00	20% Compaction	
	- Driveway Curb Transition	0	EA	\$750.00	\$0.00		
	- Handicap Curb Transition	4	EA	\$550.00	\$2,200.00		
	- Cap Existing Drainage Structure and tie into with New Structure	1	EA	\$8,000.00	\$8,000.00		
	- Surface Mounted Bollards at Bump outs	6	EA	\$1,200.00	\$7,200.00		
	- 24" Structural Soil at Tree Pits	60	CY	\$65.00	\$3,900.00	20% Compaction, 10' width x 8C-BOSW	
	- 24" Excavation at Tree Pits	50	CY	\$18.50	\$925.00	10'x10'x2'	
	- Paver-Grate System	6	EA	\$4,000.00	\$24,000.00		
	- Trees	6	EA	\$800.00	\$4,800.00		
	- Existing Utilities Relocation	0	EA	Work by Utility Company			
		- Smart Lighting	4	EA	\$8,000.00	\$32,000.00	
	Bus Stop	- Bus Stop Shelter	0	Allowance	\$10,000.00	\$0.00	
		- Benches	0	EA	\$1,500.00	\$0.00	
- Bus Signage		0	EA	\$600.00	\$0.00		
- Bicycle Racks		0	EA	\$650.00	\$0.00		
				Subtotal	\$301,637.50		

CRAIG STREET

Delamont Ave & Craig Street Intersection Improvements

Intersection Improvements						
- Crosswalk Striping	124	LF	\$18.00	\$2,232.00		
- Pedestrian Signals	1	Allowance	\$33,700.00	\$33,700.00		Includes pedestrian poles, heads, pull boxes, wiring
- Cabinet, Poles, Detection, Signal Heads	1	Allowance	\$72,500.00	\$72,500.00		
Subtotal					\$108,432.00	

Craig Street - Block 4 (Delamont Ave-Lincoln Ave)

Roadway Improvements							
Road	- 1.5" Milling of Roadway and On-Street Parking	1,250	SY	\$3.00	\$3,750.00		
	- 1.5" Bituminous Repaving of Roadway and On-Street Parking	105	TON	\$150.00	\$15,750.00		
East Pedestrian/Bicyclist Improvements							
Sidewalk	- 5" Bituminous Repaving of Roadway (Curb Replacement)	10	TON	\$150.00	\$1,500.00		
	- 12" Subbase for Repaving of Roadway (Curb Replacement)	13	CY	\$45.00	\$585.00		20% Compaction
	- 18" Excavation for Granite Curb	17	CY	\$18.50	\$314.50		Curb Excavation - 1'x1.5'
	- 6" (wide) Granite Curbing (Streetscape)	320	LF	\$40.00	\$12,800.00		
	- 12" Excavation for Concrete Sidewalk	113	CY	\$18.50	\$2,090.50		
	- 6" Concrete Paving	3,050	SF	\$10.00	\$30,500.00		
	- 6" Subbase for Concrete Paving	68	CY	\$45.00	\$3,060.00		20% Compaction
	- Driveway Curb Transition	2	EA	\$750.00	\$1,500.00		
	- Handicap Curb Transition	4	EA	\$550.00	\$2,200.00		
	- Cap Existing Drainage Structure and tie into with New Structure	1	EA	\$8,000.00	\$8,000.00		
	- Surface Mounted Bollards at Bump outs	4	EA	\$1,200.00	\$4,800.00		
	- Bicycle Racks	0	EA	\$650.00	\$0.00		
	- Benches	0	EA	\$1,500.00	\$0.00		
Buffer	- 6" Excavation for topsoil & Seed	22	CY	\$18.50	\$407.00		
	- 6" Topsoil	26	CY	\$45.00	\$1,170.00		20% Compaction
	- Fine Grading and Seeding	1,150	SF	\$4.50	\$5,175.00		
	- 24" Structural Soil at Tree Pits	55	CY	\$65.00	\$3,575.00		20% Compaction, 10' width x 8C-BOSW
	- 24" Excavation at Tree Pits	45	CY	\$18.50	\$832.50		10'x10'x2'
	- Trees	5	EA	\$800.00	\$4,000.00		
	- Existing Utilities Relocation	0	EA			Work by Utility Company	
	- Smart Lighting	4	EA	\$8,000.00	\$32,000.00		
Bus Stop	- Bus Shelter	1	Allowance	\$10,000.00	\$10,000.00		
	- Bicycle Racks	1	EA	\$650.00	\$650.00		
	- Bus Signage	1	EA	\$600.00	\$600.00		
	- Thermoplastic Paint	215	SF	\$15.00	\$3,225.00		
	- Benches	2	EA	\$1,500.00	\$3,000.00		

Preliminary Cost Estimates:

City of Schenectady Craig-Main Connection

Sidewalk	West Pedestrian Improvements						
	- 5" Bituminous Repaving of Roadway (Curb Replacement)	10	TON	\$150.00	\$1,500.00		
	- 12" Subbase for Repaving of Roadway (Curb Replacement)	15	CY	\$45.00	\$675.00		20% Compaction
	- 18" Excavation for Granite Curb	18	CY	\$18.50	\$333.00		Curb Excavation - 1'x1.5'
	- 6" (wide) Granite Curbing (Streetscape)	330	LF	\$40.00	\$13,200.00		
	- 12" Excavation for Concrete Sidewalk	136	CY	\$18.50	\$2,516.00		
	- 6" Concrete Paving	3,665	SF	\$10.00	\$36,650.00		
	- 6" Subbase for Concrete Paving	82	CY	\$45.00	\$3,690.00		20% Compaction
	- Surface Mounted Bollards at Bump outs	8	EA	\$1,200.00	\$9,600.00		
	- Driveway Curb Transition	0	EA	\$750.00	\$0.00		
	- Handicap Curb Transition	4	EA	\$550.00	\$2,200.00		
	- Cap Existing Drainage Structure and tie into with New Structure	1	EA	\$8,000.00	\$8,000.00		
	- 24" Structural Soil at Tree Pits	60	CY	\$65.00	\$3,900.00		20% Compaction, 10' width x BC-BOSW
	- 24" Excavation at Tree Pits	50	CY	\$18.50	\$925.00		10'x10'x2'
	- Paver-Grate System	6	EA	\$4,000.00	\$24,000.00		
	- Trees	6	EA	\$800.00	\$4,800.00		
	- Existing Utilities Relocation	0	EA			Work by Utility Company	
	- Smart Lighting	4	EA	\$8,000.00	\$32,000.00		
Bus Stop	- Bus Shelter	1	Allowance	\$10,000.00	\$10,000.00		
	- Bicycle Racks	1	EA	\$650.00	\$650.00		
	- Benches	2	EA	\$1,500.00	\$3,000.00		
	- Bus Signage	1	EA	\$600.00	\$600.00		
	- Thermoplastic Paint	215	SF	\$15.00	\$3,225.00		
Subtotal					\$312,948.50		
Lincoln Ave & Craig Street Intersection Improvements							
Intersection Improvements							
	- Crosswalk Striping	131	LF	\$18.00	\$2,358.00		
	- Wayfinding & Signage	1	Allowance	\$6,000.00	\$6,000.00		
Subtotal					\$8,358.00		
Craig Street - Block 5 (Lincoln Ave-Duane Ave)							
Roadway Improvements							
Road	- 1.5" Milling of Roadway and On-Street Parking	1,192	SY	\$3.00	\$3,576.00		
	- 1.5" Bituminous Repaving of Roadway and On-Street Parking	99	TON	\$150.00	\$14,850.00		
East Pedestrian/Bicyclist Improvements							
Sidewalk	- 5" Bituminous Repaving of Roadway (Curb Replacement)	10	TON	\$150.00	\$1,500.00		
	- 12" Subbase for Repaving of Roadway (Curb Replacement)	15	CY	\$45.00	\$675.00		20% Compaction
	- 18" Excavation for Granite Curb	19	CY	\$18.50	\$351.50		Curb Excavation - 1'x1.5'
	- 6" (wide) Granite Curbing (Streetscape)	345	LF	\$40.00	\$13,800.00		
	- 12" Excavation for Concrete Sidewalk	138	CY	\$18.50	\$2,553.00		
	- 6" Concrete Paving	3,717	SF	\$10.00	\$37,170.00		
	- 6" Subbase for Concrete Paving	83	CY	\$45.00	\$3,735.00		20% Compaction
	- Driveway Curb Transition	0	EA	\$750.00	\$0.00		
	- Handicap Curb Transition	4	EA	\$550.00	\$2,200.00		
	- Cap Existing Drainage Structure and tie into with New Structure	2	EA	\$8,000.00	\$16,000.00		
	- Surface Mounted Bollards at Bump outs	8	EA	\$1,200.00	\$9,600.00		
	- Bicycle Racks	0	EA	\$650.00	\$0.00		
	- Benches	0	EA	\$1,500.00	\$0.00		
Buffer	- 6" Excavation for topsoil & Seed	18	CY	\$18.50	\$333.00		
	- 6" Topsoil	22	CY	\$45.00	\$990.00		20% Compaction
	- Fine Grading and Seeding	975	SF	\$4.50	\$4,387.50		20% Compaction
	- 24" Structural Soil at Tree Pits	88	CY	\$65.00	\$5,720.00		20% Contingency, 10' width x BC-BOSW
	- 24" Excavation at Tree Pits	64	CY	\$18.50	\$1,184.00		10'x10'x2'
	- Trees	8	EA	\$800.00	\$6,400.00		
	- Existing Utilities Relocation	0	EA			Work by Utility Company	
	- Smart Lighting	4	EA	\$8,000.00	\$32,000.00		
Bus Stop	- Bus Stop Shelter	0	Allowance	\$10,000.00	\$0.00		
	- Benches	0	EA	\$1,500.00	\$0.00		
	- Bus Signage	0	EA	\$600.00	\$0.00		
	- Thermoplastic Paint	0	SF	\$15.00	\$0.00		
	- Bicycle Racks	0	EA	\$650.00	\$0.00		
West Pedestrian Improvements							
Sidewalk	- 5" Bituminous Repaving of Roadway (Curb Replacement)	10	TON	\$150.00	\$1,500.00		
	- 12" Subbase for Repaving of Roadway (Curb Replacement)	14	CY	\$45.00	\$630.00		20% Compaction
	- 18" Excavation for Granite Curb	18	CY	\$18.50	\$333.00		Curb Excavation - 1'x1.5'
	- 6" (wide) Granite Curbing (Streetscape)	322	LF	\$40.00	\$12,880.00		
	- 12" Excavation for Concrete Sidewalk	146	CY	\$18.50	\$2,701.00		
	- 6" Concrete Paving	3,292	SF	\$10.00	\$32,920.00		
	- 6" Subbase for Concrete Paving	73	CY	\$45.00	\$3,285.00		20% Compaction
	- Driveway Curb Transition	0	EA	\$750.00	\$0.00		
	- Handicap Curb Transition	4	EA	\$550.00	\$2,200.00		
	- Cap Existing Drainage Structure and tie into with New Structure	1	EA	\$8,000.00	\$8,000.00		
	- Surface Mounted Bollards at Bump outs	6	EA	\$1,200.00	\$7,200.00		
	- 24" Structural Soil at Tree Pits	54	CY	\$65.00	\$3,510.00		20% Compaction, 10' width x BC-BOSW
	- 24" Excavation at Tree Pits	45	CY	\$18.50	\$832.50		10'x10'x2'
	- Paver-Grate System	6	EA	\$4,000.00	\$24,000.00		
	- Trees	6	EA	\$800.00	\$4,800.00		
	- Existing Utilities Relocation	0	EA			Work by Utility Company	
	- Smart Lighting	4	EA	\$8,000.00	\$32,000.00		
Bus Stop	- Bus Shelter	0	Allowance	\$10,000.00	\$0.00		
	- Bicycle Racks	0	EA	\$650.00	\$0.00		
	- Benches	0	EA	\$1,500.00	\$0.00		
	- Thermoplastic Paint	0	SF	\$15.00	\$0.00		
	- Bus Signage	0	EA	\$600.00	\$0.00		
Subtotal					\$293,816.50		
Duane Ave & Craig Street Intersection Improvements							
Intersection Improvements							
	- Crosswalk Striping	136	LF	\$18.00	\$2,448.00		
	- Pedestrian Signals	1	Allowance	\$33,700.00	\$33,700.00		Includes pedestrian poles, heads, pull boxes, wiring
Subtotal					\$36,148.00		

Preliminary Cost Estimates:

City of Schenectady Craig-Main Connection

Wyllie Street & Craig Street Intersection Improvements

Intersection Improvements						
				Subtotal	\$0.00	

Bridge - Block 8 (Wyllie Street-Education Drive)

Improvements						
- Bridge Improvement Allowance (Assumes Deck is in fair condition and does NOT include Full Deck Replacement)	1	Allowance	\$430,000.00	\$430,000.00		
- Streetscape Improvement Allowance from end of bridge to Education Drive	1	Allowance	\$120,000.00	\$120,000.00		
				Subtotal	\$550,000.00	

BRIDGE

Education Drive & Main Ave Intersection Improvements

Intersection Improvements						
				Subtotal	\$0.00	

Main Avenue - Block 9 (Education Drive-Forest Road)

Roadway Improvements						
Road	- 1.5" Milling of Roadway and On-Street Parking	1,358	SY	\$3.00	\$4,074.00	
	- 1.5" Bituminous Repaving of Roadway and On-Street Parking	113	TON	\$150.00	\$16,950.00	
South Pedestrian/Bicyclist Improvements						
Sidewalk	- 5" Bituminous Repaving of Roadway (Curb Replacement)	11	TON	\$150.00	\$1,650.00	
	- 12" Subbase for Repaving of Roadway (Curb Replacement)	16	CY	\$45.00	\$720.00	20% Compaction
	- 18" Excavation for Granite Curb	20	CY	\$18.50	\$370.00	Curb Excavation - 1'x1.5'
	- 6" (wide) Granite Curbing (Streetscape)	350	LF	\$40.00	\$14,000.00	
	- 12" Excavation for Concrete Sidewalk	73	CY	\$18.50	\$1,350.50	
	- 6" Concrete Paving	1,956	SF	\$10.00	\$19,560.00	
	- 6" Subbase for Concrete Paving	43	CY	\$45.00	\$1,935.00	20% Compaction
	- Driveway Curb Transition	2	EA	\$750.00	\$1,500.00	
	- Handicap Curb Transition	3	EA	\$550.00	\$1,650.00	
	- Cap Existing Drainage Structure and tie into with New Structure	1	EA	\$8,000.00	\$8,000.00	
	- Surface Mounted Bollards at Bump outs	6	EA	\$1,200.00	\$7,200.00	
	- Bicycle Racks	2	EA	\$650.00	\$1,300.00	
	- Benches	4	EA	\$1,500.00	\$6,000.00	
Buffer	- 6" Excavation for topsoil & Seed	0	CY	\$18.50	\$0.00	
	- 6" Topsoil	0	CY	\$45.00	\$0.00	20% Compaction
	- Fine Grading and Seeding	0	SF	\$4.50	\$0.00	
	- 24" Structural Soil at Tree Pits	0	CY	\$65.00	\$0.00	20% Compaction, 10' width x BC-BOSW
	- 24" Excavation at Tree Pits	0	CY	\$18.50	\$0.00	10'x10'x2'
	- Trees	0	EA	\$800.00	\$0.00	
	- Existing Utilities Relocation	0	EA			Work by Utility Company
	- Smart Lighting	4	EA	\$8,000.00	\$32,000.00	
Bus Stop	- Bus Shelter	0	Allowance	\$10,000.00	\$0.00	
	- Bicycle Racks	0	EA	\$650.00	\$0.00	
	- Benches	0	EA	\$1,500.00	\$0.00	
	- Thermoplastic Paint	0	SF	\$15.00	\$0.00	
	- Bus Signage	0	EA	\$600.00	\$0.00	
North Pedestrian Improvements						
Sidewalk	- 5" Bituminous Repaving of Roadway (Curb Replacement)	13	TON	\$150.00	\$1,950.00	
	- 12" Subbase for Repaving of Roadway (Curb Replacement)	16	CY	\$45.00	\$720.00	20% Compaction
	- 18" Excavation for Granite Curb	24	CY	\$18.50	\$444.00	Curb Excavation - 1'x1.5'
	- 6" (wide) Granite Curbing (Streetscape)	425	LF	\$40.00	\$17,000.00	
	- 12" Excavation for Concrete Sidewalk	106	CY	\$18.50	\$1,961.00	
	- 6" Concrete Paving	2,870	SF	\$8.00	\$22,960.00	
	- 6" Subbase for Concrete Paving	64	CY	\$45.00	\$2,880.00	20% Compaction
	- Driveway Curb Transition	2	EA	\$750.00	\$1,500.00	
	- Handicap Curb Transition	2	EA	\$550.00	\$1,100.00	
	- Cap Existing Drainage Structure and tie into with New Structure	1	EA	\$8,000.00	\$8,000.00	
	- Surface Mounted Bollards at Bump outs	0	EA	\$1,200.00	\$0.00	
	- 24" Structural Soil at Tree Pits	0	CY	\$65.00	\$0.00	20% Compaction, 10' width x BC-BOSW
	- 24" Excavation at Tree Pits	0	CY	\$18.50	\$0.00	10'x10'x2'
	- Paver-Grate System	0	EA	\$4,000.00	\$0.00	
	- Trees	0	EA	\$800.00	\$0.00	
	- Existing Utilities Relocation	0	EA			Work by Utility Company
	- Smart Lighting	4	EA	\$8,000.00	\$32,000.00	
Bus Stop	- Bus Shelter	1	Allowance	\$10,000.00	\$10,000.00	
	- Bus Stop Signage	1	EA	\$600.00	\$600.00	
	- Benches	2	EA	\$1,500.00	\$3,000.00	
	- Bicycle Racks	1	EA	\$650.00	\$650.00	
				Subtotal	\$223,024.50	

MAIN AVENUE

Forest Road & Main Ave Intersection Improvements

Intersection Improvements						
- Crosswalk Striping	75	LF	\$18.00	\$1,350.00		
- Wayfinding & Signage	1	Allowance	\$6,000.00	\$6,000.00		
				Subtotal	\$7,350.00	

Main Avenue - Block 10 (Forest Road-Holland Road)

Roadway Improvements						
Road	- 1.5" Milling of Roadway and On-Street Parking	867	SY	\$3.00	\$2,601.00	
	- 1.5" Bituminous Repaving of Roadway and On-Street Parking	72	TON	\$150.00	\$10,800.00	
South Pedestrian/Bicyclist Improvements						
Sidewalk	- 5" Bituminous Repaving of Roadway (Curb Replacement)	15	TON	\$150.00	\$2,250.00	
	- 12" Subbase for Repaving of Roadway (Curb Replacement)	21	CY	\$45.00	\$945.00	20% Compaction
	- 18" Excavation for Granite Curb	27	CY	\$18.50	\$499.50	Curb Excavation - 1'x1.5'
	- 6" (wide) Granite Curbing (Streetscape)	475	LF	\$40.00	\$19,000.00	
	- 12" Excavation for Concrete Sidewalk	82	CY	\$18.50	\$1,517.00	
	- 6" Concrete Paving	2,200	SF	\$10.00	\$22,000.00	
	- 6" Subbase for Concrete Paving	49	CY	\$45.00	\$2,205.00	20% Compaction
	- Driveway Curb Transition	10	EA	\$750.00	\$7,500.00	
	- Handicap Curb Transition	4	EA	\$550.00	\$2,200.00	
	- Cap Existing Drainage Structure and tie into with New Structure	1	EA	\$8,000.00	\$8,000.00	
	- Bicycle Racks	0	EA	\$650.00	\$0.00	
	- Benches	0	EA	\$1,500.00	\$0.00	
Buffer	- 6" Excavation for topsoil & Seed	40	CY	\$18.50	\$740.00	
	- 6" Topsoil	47	CY	\$45.00	\$2,115.00	20% Compaction
	- Fine Grading and Seeding	2,124	SF	\$4.50	\$9,558.00	
	- 24" Structural Soil at Tree Pits	88	CY	\$65.00	\$5,720.00	20% Compaction, 10' width x BC-BOSW
	- 24" Excavation at Tree Pits	64	CY	\$18.50	\$1,184.00	10'x10'x2'
	- Trees	8	EA	\$800.00	\$6,400.00	
	- Existing Utilities Relocation	0	EA			Work by Utility Company
	- Smart Lighting	4	EA	\$8,000.00	\$32,000.00	
Bus Stop	- Bus Shelter	1	Allowance	\$10,000.00	\$10,000.00	
	- Bus Stop Signage	1	EA	\$600.00	\$600.00	
	- Benches	1	EA	\$1,500.00	\$1,500.00	
	- Bicycle Racks	1	EA	\$650.00	\$650.00	



City of Schenectady Craig-Main Connection

North Pedestrian Improvements							
Sidewalk	- 5" Bituminous Repaving of Roadway (Curb Replacement)	19	TON	\$150.00	\$2,850.00		
	- 12" Subbase for Repaving of Roadway (Curb Replacement)	27	CY	\$45.00	\$1,215.00		20% Compaction
	- 18" Excavation for Granite Curb	34	CY	\$18.50	\$629.00		Curb Excavation - 1'x1.5'
	- 6" (wide) Granite Curbing (Streetscape)	600	LF	\$40.00	\$24,000.00		
	- 12" Excavation for Concrete Sidewalk	127	CY	\$18.50	\$2,349.50		
	- 6" Concrete Paving	3,415	SF	\$10.00	\$34,150.00		
	- 6" Subbase for Concrete Paving	76	CY	\$45.00	\$3,420.00		20% Compaction
	- Driveway Curb Transition	10	EA	\$750.00	\$7,500.00		
	- Handicap Curb Transition	4	EA	\$550.00	\$2,200.00		
	- Cap Existing Drainage Structure and tie into with New Structure	1	EA	\$8,000.00	\$8,000.00		
	- 6" Excavation for topsoil & Seed	93	CY	\$18.50	\$1,720.50		
	- 6" Topsoil	111	CY	\$45.00	\$4,995.00		20% Compaction
	- Fine Grading and Seeding	5,000	SF	\$4.50	\$22,500.00		
	- 24" Structural Soil at Tree Pits	88	CY	\$65.00	\$5,720.00		20% Compaction, 10' width x BC-BOSW
	- 24" Excavation at Tree Pits	64	CY	\$18.50	\$1,184.00		10'x10'x2'
	- Landscape Allowance	1	Allowance	\$10,000.00	\$10,000.00		10'x10'x2'
Bus Stop	- Trees	8	EA	\$800.00	\$6,400.00		
	- Existing Utilities Relocation	0	EA			Work by Utility Company	
	- Smart Lighting	4	EA	\$8,000.00	\$32,000.00		
	- Bus Shelter	0	Allowance	\$10,000.00	\$0.00		
	- Bicycle Racks	0	EA	\$650.00	\$0.00		
	- Benches	0	EA	\$1,500.00	\$0.00		
	- Thermoplastic Paint	0	SF	\$15.00	\$0.00		
	- Bus Signage	0	EA	\$600.00	\$0.00		
					Subtotal	\$320,817.50	

Holland Road & Main Ave Intersection Improvements

Intersection Improvements							
					Subtotal	\$0.00	

Main Avenue - Block 11 (Holland Road-Willett Street)

Roadway Improvements							
Road	- 1.5" Milling of Roadway and On-Street Parking	867	SY	\$3.00	\$2,601.00		
	- 1.5" Bituminous Repaving of Roadway and On-Street Parking	72	TON	\$150.00	\$10,800.00		
South Pedestrian/Bicyclist Improvements							
Sidewalk	- 5" Bituminous Repaving of Roadway (Curb Replacement)	10	TON	\$150.00	\$1,500.00		
	- 12" Subbase for Repaving of Roadway (Curb Replacement)	14	CY	\$45.00	\$630.00		20% Compaction
	- 18" Excavation for Granite Curb	17	CY	\$18.50	\$314.50		Curb Excavation - 1'x1.5'
	- 6" (wide) Granite Curbing (Streetscape)	314	LF	\$40.00	\$12,560.00		
	- 12" Excavation for Concrete Sidewalk	92	CY	\$18.50	\$1,702.00		
	- 6" Concrete Paving	2,480	SF	\$10.00	\$24,800.00		
	- 6" Subbase for Concrete Paving	55	CY	\$45.00	\$2,475.00		20% Compaction
	- Driveway Curb Transition	2	EA	\$750.00	\$1,500.00		
	- Handicap Curb Transition	4	EA	\$550.00	\$2,200.00		
	- Cap Existing Drainage Structure and tie into with New Structure	2	EA	\$8,000.00	\$16,000.00		
	- Bicycle Racks	0	EA	\$650.00	\$0.00		
	- Benches	0	EA	\$1,500.00	\$0.00		
	- 6" Excavation for topsoil & Seed	0	CY	\$18.50	\$0.00		
	- 6" Topsoil	0	CY	\$45.00	\$0.00		20% Compaction
	- Fine Grading and Seeding	0	SF	\$4.50	\$0.00		
	- 24" Structural Soil at Tree Pits	66	CY	\$65.00	\$4,290.00		20% Compaction, 10' width x BC-BOSW
Buffer	- 24" Excavation at Tree Pits	50	CY	\$18.50	\$925.00		10'x10'x2'
	- Trees	6	EA	\$800.00	\$4,800.00		
	- Paver-Grate System	6	EA	\$4,000.00	\$24,000.00		
	- Existing Utilities Relocation	0	EA			Work by Utility Company	
	- Smart Lighting	3	EA	\$8,000.00	\$24,000.00		
	- Benches	2	EA	\$1,500.00	\$3,000.00		
Bus Stop	- Bus Shelter	0	Allowance	\$10,000.00	\$0.00		
	- Bicycle Racks	0	EA	\$650.00	\$0.00		
	- Benches	0	EA	\$1,500.00	\$0.00		
	- Thermoplastic Paint	0	SF	\$15.00	\$0.00		
	- Bus Signage	0	EA	\$600.00	\$0.00		
North Pedestrian Improvements							
Sidewalk	- 5" Bituminous Repaving of Roadway (Curb Replacement)	10	TON	\$150.00	\$1,500.00		
	- 12" Subbase for Repaving of Roadway (Curb Replacement)	14	CY	\$45.00	\$630.00		20% Compaction
	- 18" Excavation for Granite Curb	17	CY	\$18.50	\$314.50		Curb Excavation - 1'x1.5'
	- 6" (wide) Granite Curbing (Streetscape)	310	LF	\$40.00	\$12,400.00		
	- 12" Excavation for Concrete Sidewalk	52	CY	\$18.50	\$962.00		Curb Excavation - 1'x1.5'
	- 6" Concrete Paving	1,400	SF	\$8.00	\$11,200.00		
	- 6" Subbase for Concrete Paving	31	CY	\$45.00	\$1,395.00		20% Compaction
	- Driveway Curb Transition	3	EA	\$750.00	\$2,250.00		
	- Handicap Curb Transition	4	EA	\$550.00	\$2,200.00		
	- Cap Existing Drainage Structure and tie into with New Structure	1	EA	\$8,000.00	\$8,000.00		
	- 6" Excavation for topsoil & Seed	22	CY	\$18.50	\$407.00		
	- 6" Topsoil	27	CY	\$45.00	\$1,215.00		20% Compaction
	- Fine Grading and Seeding	1,200	SF	\$4.50	\$5,400.00		
	- 24" Structural Soil at Tree Pits	22	CY	\$65.00	\$1,430.00		20% Compaction, 10' width x BC-BOSW
	- 24" Excavation at Tree Pits	16	CY	\$18.50	\$296.00		10'x10'x2'
	- Paver-Grate System	0	EA	\$4,000.00	\$0.00		
	- Trees	2	EA	\$800.00	\$1,600.00		
	- Existing Utilities Relocation	0	EA			Work by Utility Company	
	- Smart Lighting	4	EA	\$8,000.00	\$32,000.00		
Bus Stop	- Bus Shelter	0	Allowance	\$10,000.00	\$0.00		
	- Bicycle Racks	0	EA	\$650.00	\$0.00		
	- Benches	0	EA	\$1,500.00	\$0.00		
	- Thermoplastic Paint	0	SF	\$15.00	\$0.00		
	- Bus Signage	0	EA	\$600.00	\$0.00		
					Subtotal	\$221,297.00	

Willett Street & Main Ave Intersection Improvements

Intersection Improvements							
					Subtotal	\$0.00	

Main Avenue - Block 12 (Willett Street-Howard Street)

Roadway Improvements							
Road	- 1.5" Milling of Roadway and On-Street Parking	924	SY	\$3.00	\$2,772.00		
	- 1.5" Bituminous Repaving of Roadway and On-Street Parking	77	TON	\$150.00	\$11,550.00		
South Pedestrian/Bicyclist Improvements							
Sidewalk	- 5" Bituminous Repaving of Roadway (Curb Replacement)	8	TON	\$150.00	\$1,200.00		
	- 12" Subbase for Repaving of Roadway (Curb Replacement)	15	CY	\$45.00	\$675.00		20% Compaction
	- 18" Excavation for Granite Curb	19	CY	\$18.50	\$351.50		Curb Excavation - 1'x1.5'
	- 6" (wide) Granite Curbing (Streetscape)	315	LF	\$40.00	\$12,600.00		
	- 12" Excavation for Concrete Sidewalk	73	CY	\$18.50	\$1,350.50		
	- 6" Concrete Paving	1,960	SF	\$10.00	\$19,600.00		
	- 6" Subbase for Concrete Paving	44	CY	\$45.00	\$1,980.00		20% Compaction
	- Driveway Curb Transition	1	EA	\$750.00	\$750.00		
	- Handicap Curb Transition	4	EA	\$550.00	\$2,200.00		
	- Cap Existing Drainage Structure and tie into with New Structure	1	EA	\$8,000.00	\$8,000.00		
	- Bicycle Racks	0	EA	\$650.00	\$0.00		
	- Benches	0	EA	\$1,500.00	\$0.00		
	- 6" Excavation for topsoil & Seed	0	CY	\$18.50	\$0.00		
	- 6" Topsoil	0	CY	\$45.00	\$0.00		20% Compaction
	- Fine Grading and Seeding	0	SF	\$4.50	\$0.00		
	- 24" Structural Soil at Tree Pits	0	CY	\$65.00	\$0.00		20% Compaction, 10' width x BC-BOSW
Buffer	- 24" Excavation at Tree Pits	0	CY	\$18.50	\$0.00		10'x10'x2'
	- Trees	0	EA	\$800.00	\$0.00		
	- Existing Utilities Relocation	0	EA			Work by Utility Company	
	- Smart Lighting	4	EA	\$8,000.00	\$32,000.00		

Preliminary Cost Estimates:

City of Schenectady Craig-Main Connection

Bus Stop	- Bus Shelter	1	Allowance	\$10,000.00	\$10,000.00		
	- Bicycle Racks	1	EA	\$650.00	\$650.00		
	- Benches	1	EA	\$1,500.00	\$1,500.00		
	- Thermoplastic Paint	200	SF	\$15.00	\$3,000.00		
	- Bus Signage	1	EA	\$600.00	\$600.00		
North Pedestrian Improvements							
Sidewalk	- 5" Bituminous Repaving of Roadway (Curb Replacement)	10	TON	\$150.00	\$1,500.00		
	- 12" Subbase for Repaving of Roadway (Curb Replacement)	14	CY	\$45.00	\$630.00		20% Compaction
	- 18" Excavation for Granite Curb	17	CY	\$18.50	\$314.50		Curb Excavation - 1'x1.5'
	- 6" (wide) Granite Curbing (Streetscape)	312	LF	\$40.00	\$12,480.00		
	- 12" Excavation for Concrete Sidewalk	54	CY	\$18.50	\$999.00		
	- 6" Concrete Paving	1,500	SF	\$8.00	\$12,000.00		
	- 6" Subbase for Concrete Paving	32	CY	\$45.00	\$1,440.00		20% Compaction
	- Driveway Curb Transition	2	EA	\$750.00	\$1,500.00		
	- Handicap Curb Transition	4	EA	\$550.00	\$2,200.00		
	- Cap Existing Drainage Structure and tie into with New Structure	0	EA	\$8,000.00	\$0.00		
Buffer	- 6" Excavation for topsoil & Seed	14	CY	\$18.50	\$259.00		
	- 6" Topsoil	17	CY	\$45.00	\$765.00		20% Compaction
	- Fine Grading and Seeding	750	SF	\$4.50	\$3,375.00		
	- 24" Structural Soil at Tree Pits	0	CY	\$65.00	\$0.00		20% Compaction, 10' width x 8C-BOSW
	- 24" Excavation at Tree Pits	0	CY	\$18.50	\$0.00		10'x10'x2'
	- Trees	0	EA	\$800.00	\$0.00		
	- Existing Utilities Relocation	0	EA	\$5,000.00	\$0.00		
	- Smart Lighting	4	EA	\$8,000.00	\$32,000.00		
Bus Stop	- Bus Shelter	0	Allowance	\$10,000.00	\$0.00		
	- Bicycle Racks	0	EA	\$650.00	\$0.00		
	- Benches	0	EA	\$1,500.00	\$0.00		
	- Thermoplastic Paint	0	SF	\$15.00	\$0.00		
	- Bus Signage	0	EA	\$600.00	\$0.00		
					Subtotal	\$180,241.50	

Howard Street & Main Ave Intersection Improvements

Intersection Improvements							
					Subtotal	\$0.00	

Main Avenue - Block 13 (Howard Street-Crane Ave)

Roadway Improvements							
Road	- 1.5" Milling of Roadway and On-Street Parking	1,222	SY	\$3.00	\$3,666.00		
	- 1.5" Bituminous Repaving of Roadway and On-Street Parking	100	TON	\$150.00	\$15,000.00		
South Pedestrian/Bicyclist Improvements							
Sidewalk	- 5" Bituminous Repaving of Roadway (Curb Replacement)	15	TON	\$150.00	\$2,250.00		
	- 12" Subbase for Repaving of Roadway (Curb Replacement)	22	CY	\$45.00	\$990.00		20% Compaction
	- 18" Excavation for Granite Curb	28	CY	\$18.50	\$518.00		Curb Excavation - 1'x1.5'
	- 6" (wide) Granite Curbing (Streetscape)	490	LF	\$40.00	\$19,600.00		
	- 12" Excavation for Concrete Sidewalk	93	CY	\$18.50	\$1,720.50		Curb Excavation - 1'x1.5'
	- 6" Concrete Paving	2,500	SF	\$10.00	\$25,000.00		
	- 6" Subbase for Concrete Paving	56	CY	\$45.00	\$2,520.00		20% Compaction
	- Driveway Curb Transition	4	EA	\$750.00	\$3,000.00		
	- Handicap Curb Transition	4	EA	\$550.00	\$2,200.00		
	- Cap Existing Drainage Structure and tie into with New Structure	1	EA	\$8,000.00	\$8,000.00		
	- Bicycle Racks	2	EA	\$650.00	\$1,300.00		
	- Benches	4	EA	\$1,500.00	\$6,000.00		
Buffer	- 6" Excavation for topsoil & Seed	0	CY	\$18.50	\$0.00		
	- 6" Topsoil	0	CY	\$45.00	\$0.00		20% Compaction
	- Fine Grading and Seeding	0	SF	\$4.50	\$0.00		20% Compaction
	- 24" Structural Soil at Tree Pits	0	CY	\$65.00	\$0.00		20% Compaction, 10' width x 8C-BOSW
	- 24" Excavation at Tree Pits	0	CY	\$18.50	\$0.00		10'x10'x2'
	- Trees	0	EA	\$800.00	\$0.00		
	- Existing Utilities Relocation	0	EA			Work by Utility Company	
	- Smart Lighting	5	EA	\$8,000.00	\$40,000.00		
Bus Stop	- Bus Shelter	1	Allowance	\$10,000.00	\$10,000.00		
	- Bicycle Racks	1	EA	\$650.00	\$650.00		
	- Benches	1	EA	\$1,500.00	\$1,500.00		
	- Thermoplastic Paint	200	SF	\$15.00	\$3,000.00		
	- Bus Signage	1	EA	\$600.00	\$600.00		
North Pedestrian Improvements							
Sidewalk	- 18" Excavation for Granite Curb	28	CY	\$18.50	\$518.00		Curb Excavation - 1'x1.5'
	- 6" (wide) Granite Curbing (Streetscape)	518	LF	\$40.00	\$20,720.00		
	- 12" Excavation for Concrete Sidewalk	93	CY	\$18.50	\$1,720.50		Curb Excavation - 1'x1.5'
	- 6" Concrete Paving	2,500	SF	\$8.00	\$20,000.00		
	- 6" Subbase for Concrete Paving	56	CY	\$45.00	\$2,520.00		20% Compaction
	- Driveway Curb Transition	2	EA	\$750.00	\$1,500.00		
	- Handicap Curb Transition	4	EA	\$550.00	\$2,200.00		
	- Cap Existing Drainage Structure and tie into with New Structure	1	EA	\$8,000.00	\$8,000.00		
	- Surface Mounted Bollards at Bump outs	4	EA	\$1,200.00	\$4,800.00		
	- 24" Structural Soil at Tree Pits	0	CY	\$65.00	\$0.00		20% Compaction, 10' width x 8C-BOSW
	- 24" Excavation at Tree Pits	0	CY	\$18.50	\$0.00		10'x10'
	- Paver-Grate System	0	EA	\$4,000.00	\$0.00		
	- Trees	0	EA	\$800.00	\$0.00		
	- Existing Utilities Relocation	0	EA			Work by Utility Company	
	- Smart Lighting	4	EA	\$8,000.00	\$32,000.00		
Bus Stop	- Bus Shelter	0	Allowance	\$10,000.00	\$0.00		
	- Bicycle Racks	0	EA	\$650.00	\$0.00		
	- Benches	1	EA	\$1,500.00	\$1,500.00		
	- Thermoplastic Paint	200	SF	\$15.00	\$3,000.00		
	- Bus Signage	1	EA	\$600.00	\$600.00		
					Subtotal	\$246,593.00	

Craig Street Improvement Project Sub-Total	\$4,202,685.00
20% Construction Contingency	\$840,537.00
10% Design Contingency	\$420,268.50
Subtotal	\$5,463,490.50
A/E Fees	\$491,714.15
Project Total	\$5,955,204.65



CRANE AVE/CHRISLER AVE/MAIN AVE INTERSECTION IMPROVEMENTS

2019 Total Cost Estimates: \$680,000

2020 Total Cost Estimates: \$700,400

2021 Total Cost Estimates: \$721,412

2022 Total Cost Estimates: \$743,100

Preliminary Cost Estimates:

City of Schenectady Craig-Main Connection

August 2019



Project: City of Schenectady Craig - Main Connection Preliminary Cost Estimates

Option: Crane St, Chrisler Ave, and Main Ave Intersection Improvements

**Note: Preliminary construction cost estimates based on industry standard 2019 pricing. Unit cost should be updated annually.*

Date: 2019-07-24
Last Updated: 2019-09-10

ITEM		QUANTITY	UNIT	UNIT COST	TOTAL	SUBTOTALS	NOTES
General							
Miscellaneous							
- Survey Layout		1	Allowance	\$6,000.00	\$6,000.00		
- Pedestrian/Traffic Control		1	Allowance	\$15,000.00	\$15,000.00		
- Erosion and Sedimentation Control		1	Allowance	\$5,000.00	\$5,000.00		
				Subtotal		\$26,000.00	
Roadway Improvements (Raised Intersection)							
Intersection	- 18" Excavation for Raised Intersection	283	CY	\$18.50	\$5,235.50		Removal of Pavement and subbase
	- 18" Subbase for Raised Intersection	340	CY	\$45.00	\$15,300.00		20% Compaction
	- 6" Colored Concrete Paving	5,100	SF	\$13.00	\$66,300.00		
	- Crosswalk Striping	130	LF	\$18.00	\$2,340.00		
	- Pedestrian Signals	1	Allowance	\$27,150.00	\$27,150.00		
Sidewalk Improvements (Improved Sidewalks, Bump-Outs, Street Trees, Amenities)							
Sidewalk Improvements	- 18" Excavation for Granite Curb	22	CY	\$18.50	\$407.00		Curb Excavation - 1'x1.5'
	- 6" (wide) Granite Curbing (Streetscape)	400	LF	\$40.00	\$16,000.00		
	- 5" Bituminous Repaving of Roadway (Curb Replacement)	12	TON	\$150.00	\$1,800.00		
	- 12" Subbase for Repaving of Roadway (Curb Replacement)	18	CY	\$45.00	\$810.00		20% Compaction
	- 12" Excavation for Concrete Sidewalk	222	CY	\$18.50	\$4,107.00		
	- 6" Concrete Paving	6,000	SF	\$10.00	\$60,000.00		
	- 6" Subbase for Concrete Paving	133	CY	\$45.00	\$5,985.00		20% Compaction
	- Surface Mounted Bollards	16	EA	\$1,200.00	\$19,200.00		
	- Driveway Curb Transition	4	EA	\$750.00	\$3,000.00		
	- Handicap Curb Transition	2	EA	\$550.00	\$1,100.00		
	- Smart Lighting	6	EA	\$8,000.00	\$48,000.00		
	- Benches	6	EA	\$1,500.00	\$9,000.00		
	- 24" Structural Soil at Tree Pits	88	CY	\$65.00	\$5,720.00		20% Contingency, 10' width x BC-BOSW
	- 24" Excavation at Tree Pits	50	CY	\$18.50	\$925.00		10'x10'x2'
	- Street Trees	8	EA	\$650.00	\$5,200.00		
	- Paver-Grate System	8	EA	\$4,000.00	\$32,000.00		
	- Gateway Installation	1	Allowance	\$30,000.00	\$30,000.00		
Pedestrian Refuge at Chrisler and Crane							
Pedestrian Refuge	- 18" Excavation for Granite Curb	10	CY	\$18.50	\$185.00		Curb Excavation - 1'x1.5'
	- 6" (wide) Granite Curbing (Streetscape)	170	LF	\$40.00	\$6,800.00		
	- 12" Excavation for Concrete Sidewalk	80	CY	\$18.50	\$1,480.00		
	- 6" Concrete Paving	1,750	SF	\$10.00	\$17,500.00		
	- 6" Subbase for Concrete Paving	38	CY	\$45.00	\$1,710.00		20% Compaction
	- Surface Mounted Bollards at Bump outs	8	EA	\$1,200.00	\$9,600.00		
	- Smart Lighting	2	EA	\$8,000.00	\$16,000.00		
	- Benches	2	EA	\$1,500.00	\$3,000.00		
	- Landscape Allowance	1	Allowance	\$10,000.00	\$10,000.00		Total SF/9 SF(3x3' Spacing)
	- 24" Structural Soil at Tree Pits	55	CY	\$65.00	\$3,575.00		20% Contingency, 10' width x BC-BOSW
	- 24" Excavation at Tree Pits	45	CY	\$18.50	\$832.50		10'x10'x2'
	- Street Trees	5	EA	\$650.00	\$3,250.00		
	- Paver-Grate System	5	EA	\$4,000.00	\$20,000.00		
				Subtotal		\$453,512.00	

Craig Street Improvement Project Sub-Total	\$479,512.00
20% Construction Contingency	\$95,902.40
10% Design Contingency	\$47,951.20
SubTotal	\$623,365.60
A/E Fees	\$56,102.90
Project Total	\$679,468.50



PLEASANT VALLEY PARK IMPROVEMENTS

	PHASE 1	PHASE 2
2019 Total Cost Estimates:	\$410,000	\$663,000
2020 Total Cost Estimates:	\$422,300	\$682,890
2021 Total Cost Estimates:	\$434,970	\$703,380
2022 Total Cost Estimates:	\$448,020	\$724,500

Preliminary Cost Estimates:

City of Schenectady Craig-Main Connection

August 2019

Project: City of Schenectady Craig - Main Connection Preliminary Cost Estimates

Option: Pleasant Valley Park

Date: 2019-07-24
Last Updated: 2019-09-10



*Note: Preliminary construction cost estimates based on industry standard 2019 pricing. Unit cost should be updated annually.

ITEM	QUANTITY	UNIT	UNIT COST	TOTAL	SUBTOTALS	NOTES
PHASE 1						
Miscellaneous						
- Survey Layout	1	Allowance	\$6,000.00	\$5,000.00		
- Pedestrian/Traffic Control	1	Allowance	\$5,000.00	\$5,000.00		
- Erosion and Sedimentation Control	1	Allowance	\$1,500.00	\$1,500.00		
				Subtotal	\$11,500.00	
Primary Connection (Phase 1)						
- 12" Excavation for Concrete Sidewalk	125	CY	\$18.50	\$2,312.50		
- 6" Concrete Paving	3,360	SF	\$10.00	\$33,600.00		
- 6" Subbase for Concrete Paving	75.00	CY	\$45.00	\$3,375.00		20% Compaction
- Crosswalk Striping	100	LF	\$18.00	\$1,800.00		Crosswalk to School & Crosswalk to sidewalk extension
				Subtotal	\$41,087.50	
Education Drive Sidewalk Extension (Phase 1)						
- 12" Excavation for Concrete Sidewalk	70	CY	\$18.50	\$2,312.50		
- 6" Concrete Paving	1,860	SF	\$10.00	\$33,600.00		
- 6" Subbase for Concrete Paving	40	CY	\$45.00	\$3,375.00		20% Compaction
- 5" Bituminous Repaving of Roadway (Curb Replacement)	12	TON	\$150.00	\$1,800.00		
- 12" Subbase for Repaving of Roadway (Curb Replacement)	16	CY	\$45.00	\$720.00		20% Compaction
- 18" Excavation for Granite Curb	20	CY	\$18.50	\$370.00		Curb Excavation - 1 'x1.5'
- 6" (wide) Granite Curbing (Streetscape)	375	LF	\$40.00	\$15,000.00		
				Subtotal	\$57,177.50	
Parking (Phase 1)						
- 3" Bituminous pavement	130	TONS	\$150.00	\$16,900.00		
- 8" Type 2 subbase	170	CY	\$45.00	\$7,650.00		
				Subtotal	\$24,550.00	
Landscape (Phase 1)						
- 4" Topsoil	129	CY	\$45.00	\$5,805.00		Includes 20% compaction
- Fine Grading & Seeding	22000	SF	\$4.50	\$99,000.00		
- Trees	9	EA	\$800.00	\$7,200.00		
				Subtotal	\$112,005.00	
Park Furniture (Phase 1)						
- Smart Pedestrian Lighting	8	EA	\$6,000.00	\$48,000.00		
				Subtotal	\$48,000.00	
Pleasant Valley Park Project Phase 1 Sub-Total					\$294,320.00	
20% Construction Contingency					\$58,864.00	
10% Design Contingency					\$29,432.00	
Subtotal					\$382,616.00	
A/E Fees					\$26,488.80	
Phase 1 Project Total					\$409,104.80	
PHASE 2						
Miscellaneous						
- Pedestrian/Traffic Control	1	Allowance	\$5,000.00	\$5,000.00		
- Erosion and Sedimentation Control	1	Allowance	\$1,500.00	\$1,500.00		
				Subtotal	\$6,500.00	
Secondary Connections (Phase 2)						
- 12" Excavation for Concrete Sidewalk	118	CY	\$18.50	\$2,183.00		
- 6" Concrete Paving	3,176	SF	\$10.00	\$31,760.00		
- 6" Subbase for Concrete Paving	70.50	CY	\$45.00	\$3,172.50		20% Compaction
				Subtotal	\$37,115.50	
Park Amenities (Phase 2)						
- Skate Park	1	Allowance	\$200,000.00	\$200,000.00		
- 4-Way Basketball Court with Perimeter Fence (incl. acrylic surfacing)	1	Allowance	\$85,000.00	\$85,000.00		
- Pull-Up Park (Workout Stations)	1	Allowance	\$30,000.00	\$30,000.00		
- Concrete Mural Wall	1	Allowance	\$20,000.00	\$20,000.00		
- 4' Fence	435	LF	\$45.00	\$19,575.00		
- Park Pavilion	1	Allowance	\$30,000.00	\$30,000.00		
				Subtotal	\$384,575.00	
Park Furniture (Phase 2)						
- Benches	8	EA	\$3,300.00	\$26,400.00		
- Litter Receptacle	4	EA	\$2,075.00	\$8,300.00		
- Bicycle Racks	2	EA	\$650.00	\$1,300.00		
- Park Grills	2	EA	\$1,200.00	\$2,400.00		
- Entry Designation & Wayfinding	1	Allowance	\$15,000.00	\$2,400.00		
				Subtotal	\$40,800.00	
Landscape (Phase 2)						
- Landscape Allowance	1	Allowance	\$7,500.00	\$7,500.00		
				Subtotal	\$7,500.00	
Pleasant Valley Park Project Phase 2 Sub-Total					\$476,490.50	
20% Construction Contingency					\$95,298.10	
10% Design Contingency					\$47,649.05	
Subtotal					\$619,437.65	
A/E Fees					\$42,884.15	
Project Total					\$662,321.80	
Pleasant Valley Park Project Phase 1 & 2 Total					\$1,071,426.60	