

FERGUSON TOWNSHIP BOARD OF SUPERVISORS

Regular Meeting Agenda

Monday, May 4, 2020, 7:00 PM

Join Zoom Meeting: <https://us02web.zoom.us/j/83422414425>

Meeting ID: 834 2241 4425

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Dial In: (814) 238-4651, extension 3799

I. CALL TO ORDER

II. CITIZENS INPUT

III. APPROVAL OF MINUTES

1. April 20, 2020, Board of Supervisors Regular Meeting

IV. SPECIAL REPORTS

- a. COVID-19 (Coronavirus) Response Report
- b. Centre Region Parks and Recreation Authority Report
- c. Ferguson Township Tree Commission Report
- d. 2020 First Quarter Financial Report

V. UNFINISHED BUSINESS

1. Award of Tree Canopy Survey Contract

VI. NEW BUSINESS

1. Presentation of 2019 Township Audit
2. Proclamation – 2020 National Public Works Week
3. Award of Contract 2020-C7a, Fuel
4. Award of Contract 2020-C7c, Asphalt and Aggregate

VII. REPORTS

1. COG Committee Reports
2. Other Regional Reports
3. Staff Reports

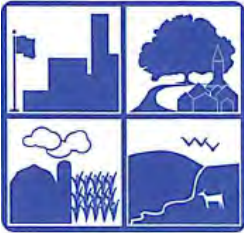
VIII. COMMUNICATIONS TO THE BOARD

IX. CALENDAR ITEMS – MAY

X. ADJOURNMENT



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TOWNSHIP OF FERGUSON

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Board of Supervisors Regular Meeting Agenda Monday, May 4, 2020 7:00 P.M.

- I. **CALL TO ORDER**
- II. **CITIZEN'S INPUT**
- III. **APPROVAL OF MINUTES**
 - 1. April 20, 2020, Board of Supervisors Regular Meeting Minutes
- IV. **SPECIAL REPORTS** 15 minutes
 - 1. COVID-19 (Coronavirus) Response Report – David Pribulka, Township Manager
 - 2. Centre Region Parks and Recreation Authority – Bill Keough
 - 3. Ferguson Township Tree Commission – Scott Pflumm
 - 4. 2020 First Quarter Financial Report – Eric Endresen, Director of Finance
- V. **UNFINISHED BUSINESS** 10 minutes
 - 1. **AWARD OF CONTRACT 2020-C14, TREE CANOPY SURVEY**

Narrative

The Township has budgeted \$25,000 in 2020 to conduct a tree canopy survey. The tree canopy survey was recommended for consideration by the Ferguson Township Tree Commission in 2019 to gain an understanding of the human and other impacts on the urban forest, measure the impacts over the past 10 years, and develop a plan to best manage this asset in the future. Staff ranked the proposals and conducted a background check of previous projects and clients. Provided with the agenda is a memorandum from the Public Works Director dated April 28, 2020, outlining the scope of work, milestones and timelines, proposal evaluations as well as a Tree Canopy Survey Proposal from SavATree Consulting Group.

Recommended Motion: That the Board of Supervisors award the professional services contract to SavATree Consulting Group to perform a tree canopy survey in accordance with their proposal for a total price of \$15,964.71.

Staff Recommendation

That the Board of Supervisors **award** the professional services contract to SavATree Consulting Group.

VI. NEW BUSINESS

1. PRESENTATION OF 2019 TOWNSHIP AUDIT – MR. JOHN COMPTON, BAKER TILLY

20 minutes

Narrative

The annual presentation on the prior year's audit is provided to the Board and affords an opportunity for the Board to ask any questions of the Township's auditor. The 2019 audit has been filed with the Pennsylvania Department of Community and Economic Development. Provided is a copy of the audit as filed with the state. A management report will follow in the next several weeks. Staff is unaware of any findings or observations. Provided with the agenda is a spreadsheet summarizing the audit results.

Recommended motion: That the Board of Supervisors accept the 2019 Township Audit as presented by Baker Tilly.

Staff Recommendation

That the Board of Supervisors **accept** the 2019 Township Audit.

2. PROCLAMATION – 2020 NATIONAL PUBLIC WORKS WEEK

5 minutes

Narrative

Provided with the agenda is a copy of a proclamation officially designating the week of May 17th to May 23rd to be National Public Works Week. This year, the American Public Works Association has designated this week to be National Public Works Week and announced the theme of "The Rhythm of Public Works." The theme challenges municipalities and their residents to "think about their communities as a symphony of essential services, working in concert to create a great place to live." More information about National Public Works Week can be found online at <https://npww.apwa.net>.

Recommended motion: That the Board of Supervisors proclaim the week of May 17th to May 23rd to be 2020 National Public Works Week in Ferguson Township.

Staff Recommendation

That the Board of Supervisors **adopt** the proclamation.

3. AWARD OF CONTRACT 2020-C7a, FUEL

5 minutes

Narrative

On April 27, 2020, bids were opened publicly and read out loud via ZOOM for the fuel contract. The fuel bid was advertised in the Centre Daily Times and sent out to potential bidders. Bids are within the current budget amount of \$110,610.00. The actual cost will depend on our consumption and the escalating wholesale price index. Provided with the agenda is a memorandum from the Township Public Works Director dated April 27th that shows the Engineers estimate and bid tabulations.

Recommended motion: That the Board of Supervisors award Contract 2020-C7a, Fuel to Stuck Enterprises doing business as Jacobs Petroleum in accordance with their bid in the amount of \$27,913.50 subject to the contractor submitting a COVID-19 safety plan for the job acceptable to the Township prior to starting work.

Staff Recommendation

That the Board of Supervisors award Contract 2020-C7a, Fuel to Stuck Enterprises dba Jacobs Petroleum.

4. AWARD OF CONTRACT 2020-C7c, ASPHALT AND AGGREGATE

5 minutes

Narrative

On April 27, 2020, bids were opened publicly and read out loud via ZOOM for the aggregate and asphalt contract. The contract was advertised in the Centre Daily Times and notice was provided to potential bidders. Four bids were received for aggregate and three bids were received for asphalt materials. The budget for this year's road materials including pipe, concrete, sealants as well as asphalt and aggregate is \$45,000.00. Asphalt and Aggregate bids are within the budget. Provided with the agenda is a memorandum from the Township Public Works Director dated April 28th that shows the Engineers estimate and bid tabulations.

Recommended motion: That the Board of Supervisors award Contract 2020-C7c, Asphalt and Aggregate, items 1, 2, 3, and 4 (aggregate) to Hanson Aggregate in the amount of \$10,075.00, and items 5, 6, 7, and 8 (asphalt) to HRI in the amount of \$24,520.00 subject to the contractor submitting a COVID-19 safety plan for the job acceptable to the Township prior to starting work.

Staff Recommendation

That the Board of Supervisors award Contract 2020-C7c, Asphalt and Aggregate as stated in the memorandum dated April 28, 2020.

VII. STAFF AND COMMITTEE REPORTS

1. **COG COMMITTEE REPORTS** 10 minutes
 - a. Executive Committee
 - b. Transportation & Land Use Committee
2. **OTHER COMMITTEE REPORTS** 5 minutes
 - a. Climate Action & Adaption Technical Advisory Group
3. **STAFF REPORTS** 15 minutes
 - a. Manager's Report
 - b. Public Works Director
 - c. Planning & Zoning Director

VIII. COMMUNICATIONS TO THE BOARD

IX. CALENDAR ITEMS – MAY

- a. Brush and Leaf collection – Beginning May 4th

X. ADJOURNMENT

FERGUSON TOWNSHIP BOARD OF SUPERVISORS

Regular Meeting
Monday, April 20, 2020
7:00 PM

ATTENDANCE

The Board of Supervisors held its second regular meeting of the month on Monday, April 20, 2020, via Zoom. In attendance were:

Board:	Steve Miller, Chairman	Staff:	Dave Pribulka, Township Manager
	Laura Dininni		Centrice Martin, Assistant to the Manager
	Prasenjit Mitra		Dave Modricker, Public Works Director
	Patty Stephens		Jenna Wargo, Planning/Zoning Director
	Lisa Strickland		Chris Albright, Chief of Police
			Eric Endresen, Director of Finance
			Ron Seybert, Township Engineer

Others in attendance included: Rhonda Demchak, Recording Secretary; Mark Kunkle, Ferguson Township Resident; John Sepp, President, Penn Terra Engineering; Mark Torretti, Project Manager, Penn Terra Engineering; Brent Brubaker, Sheetz Corporation; Dan Harner, Ferguson Township Resident; Chris Harner, Ferguson Township Resident; Pat Hopkins, Ferguson Township Resident; Dennis Myer, Ferguson Township Resident; Doug Hill, Wooster & Associates; Jeremie Thompson, Chair, Planning Commission.

I. CALL TO ORDER

Mr. Miller called the Monday, April 20, 2020, regular meeting to order at 7:00 p.m.

Mr. Pribulka noted that the Board of Supervisors meeting had been advertised as a virtual meeting via Zoom. There is also an audio conference bridge that is accessible by accessing the Ferguson Township's main line at 814-238-4651 and then dialing extension 3799. Per the Sunshine Act, which allows during a time of disaster recovery to meet virtually, but it also requires that a Roll Call be taken and that elected officials verbally respond. Mr. Pribulka took Roll Call and there was a quorum.

II. CITIZENS INPUT

None.

III. APPROVAL OF MINUTES

Ms. Dininni moved that the Board of Supervisors **approve** the Board of Supervisors Minutes of April 6, 2020. Ms. Stephens seconded the motion. The motion passed unanimously.

IV. SPECIAL REPORTS

Mr. Pribulka presented the COVID-19 (Coronavirus) Response Report. Ferguson Township staff continue to operate at reduce levels in response to the COVID-19 pandemic. Mr. Pribulka appreciates the local businesses in the Township for their patience and understanding as the Township works through the recovery. The Crisis Management Team has begun planning for the reconstitution and recovery of municipal operations. Staff will potentially report back to work on May 4, 2020, with rotating start times and shift assignments in order to maintain appropriate social distancing and follow the Centre for Disease Control and Department of Health protocols. These details are still being finalized. Although staff will report back to the work on May 4th, the office will remain closed to the public until further notice.

Mr. Pribulka noted that the next round of brush pickup is on May 4th and noted that it will take a little extra time because of the constraints that the staff must wear. Please be reminded burning leaves is prohibited by state law and burning brush beyond a recreational campfire requires a permit from the Centre Region Code Administration.

Mr. Pribulka noted that the construction of the Public Works Maintenance Facility resumed today following an exemption from Governor Wolf's order.

Mr. Pflumm, Chair Person, Ferguson Township Tree Commission, requested to postpone the Tree Commission Report until the next meeting of April 27, 2020.

V. UNFINISHED BUSINESS

1. REQUEST FOR MODIFICATION/WAIVER – SUBDIVISION OF TAX PARCEL 24-4-67 AND REPLOT OF TAX PARCEL 24-4-67C/STATE COLLEGE PA WHITEHALL ROAD SHEETZ LAND DEVELOPMENT PLAN

Ms. Wargo introduced the request for modification/waiver and presented slides. On April 19, 2019, Penn Terra Engineering submitted an application for consideration of a Modification/Waiver from §22-512.1.E-7., Sidewalks. The Planning Commission reviewed the application at their April 13, 2020, regular meeting and recommended approval pending additional conditions within the Lot 2 section above to read: "No sidewalks be required on the Harner Farm Subdivision Plan since there is no land development plan proposed for that lot at this time. Sidewalks will be proposed when a land development plan is submitted for Lot 2 or when 75% of Orchard View Subdivision develops, whichever comes first." Provided with the agenda is the memorandum from Ms. Wargo describing the requested modification.

Mr. Mitra moved that the Board of Supervisors **grant** the waiver of Chapter 22, Part 5, Section 512, Sidewalks to the applicant of the Harner View Subdivision of Tax Parcel 24-4-67 and Replot of Tax Parcel 24-4-67C and include the additional conditions within the Lot 2 section to read "No sidewalks be required on the Harner Farm Subdivision Plan since there is no land development plan proposed for that lot at this time. Sidewalks will be proposed when a land development plan is submitted for Lot 2 or when 50% of Orchard View Subdivision is developed, whichever comes first. Furthermore, the Board of Supervisors reserves its right under Chapter 21, Streets and Sidewalks; Part 2, Sidewalks; Section 21-201, Notice to Construct Sidewalk, to compel the adjacent property owner to construct the sidewalks at any time by duly adopted resolution of the Board of Supervisors" Ms. Stephens seconded the motion.

Discussion followed regarding the percentage of the sidewalks being developed before the connection is made between Sheetz and Orchard View. Mr. Pribulka noted that the Board would retain its authority under Chapter 21 Section 201 to obligate property owners to construct sidewalks when it deems.

Ms. Dininni made a motion to **amend** the original motion to clarify that the Board reserves the right at any time to require sidewalks. Ms. Strickland seconded the motion.

Continued discussion regarding the percentage perused. It was recommended that 50% would be appropriate instead of 75%.

Ms. Strickland moved to **amend** the percentage to 50%. Ms. Dininni seconded the motion. The motion passed unanimously.

2. SUBDIVISION OF TAX PARCEL 4-4-67 & REPLOT OF TAX PARCEL 24-4-67C – HARNER FARMS PLAN DATED MARCH 25, 2020

Ms. Wargo reviewed the Harner Farms Subdivision Plan. On April 22, 2019, revised March 25, 2020, Penn Terra Engineering submitted a 4-lot subdivision plan at the corner of West College Avenue and West Whitehall Road, on behalf of their client, Aspen Whitehall Partners, LLC. The subdivision includes two lots within the General Commercial (C) zoning district (Lot 1—5.6 acres and Lot 2—3.68 acres). One lot is located within the Rural Agricultural zoning district (replotted to tax parcel 24-004, 067C,0000- totaling 0.603 acres) and one lot within the Single-Family Residential zoning district (Lot 3—16.568 acres).

Ms. Strickland moved that the Board of Supervisors **approve** the Harner Farm Subdivision of Tax Parcel 24-4-67 and Replot of Tax Parcel 24-4-67C, subject to the conditions of the Community Planner memorandum dated April 13, 2020. Mr. Miller seconded the motion. The motion passed unanimously.

3. ORCHARD VIEW SUBDIVISION PLAN DATED MARCH 25, 2020

Ms. Wargo reviewed the Orchard View subdivision plan. On May 14, 2019, revised March 25, 2020, Penn Terra Engineering submitted a 36-lot subdivision plan on behalf of their client, Aspen Whitehall Partners, LLC. The subdivision includes thirty-six (36) lots within the Single-Family Residential (R1) zoning District with Corridor Overlay. The site is approximately 16.568 acres.

Ms. Strickland moved that the Board of Supervisors **approve** the Orchard View Subdivision Plan subject to the conditions of the Community Planner's memorandum dated April 13, 2020. The motion passed unanimously.

4. STATE COLLEGE PA WHITEHALL ROAD SHEETZ LAND DEVELOPMENT PLAN DATED MARCH 25, 2020

Ms. Wargo reviewed the Sheetz Land Development Plan. On April 22, 2019, revised March 25, 2020, Penn Terra Engineering submitted a land development plan at the corner of West College Avenue and West Whitehall Road, on behalf of their client, Aspen Whitehall Partners, LLC. The parcel is situated in the General Commercial (C) Zoning District, and the land development plan includes a 6,077 sq. ft. Sheetz convenience store and drive-thru with a 1,048 sq. ft. car wash. The gasoline dispensing station consists of six fuel pump islands. There will be 47 parking spaces provided on site, including three ADA-accessible spaces.

Ms. Stephens moved that the Board of Supervisors **approve** the State College, PA, Whitehall Road Sheetz Land Development Plan subject to the conditions of the Community Planner's memorandum dated April 13, 2020. Ms. Strickland seconded the motion. The motion passed unanimously.

Continued discussion regarding lighting, noise, stormwater basin, traffic improvements and vegetation. Mr. Torretti, Penn Terra, reviewed the plans to the Board.

5. EMPLOYER PAID SICK LEAVE POLICY DISCUSSION

Mr. Pribulka discussed the recommendation regarding paid sick leave. On March 2nd, the Board discussed the possibility of implementing a municipal wide sick leave ordinance similar to the city

of Pittsburgh. Mr. Pribulka reached out to Julie Aquino who is an attorney with the firm Campbell, Durrant, Beatty, Polombo & Miller. The Township typically engages them for human resources and personnel related issues. A memorandum from Ms. Aquino was provided with the agenda that described some of her concerns as well as a partner from her firm about the Township implementing a similar ordinance. In general, the suggestion from the firm is that there would be some significant challenges if the Township were to consider enacting a similar ordinance. The reason why the city of Pittsburgh was able to have this policy is because they have their own Board of Health and their own department that would manage the program for them. There is a caveat in the law that governs how those boards operate that permit them to enact these types of regulations, that is not the case in Ferguson Township. That would be one of the challenges, and then the second challenge that was identified is what they've called practical implications, or logistical implications because the Township doesn't have an agency that would be charged with enforcing the ordinance. It would be difficult for the Township to manage the program for reasons that Ms. Aquino sites in her memorandum. Mr. Pribulka recommends that there shouldn't be any further pursuit of this ordinance. Mr. Miller noted that there is no need to make a motion because this was introduced as a discussion. Mr. Mitra stated that he has further questions and will reach out to Mr. Pribulka and/or the law firm to discuss.

VI. NEW BUSINESS

1. CONSENT AGENDA

- a. Vouch Report – March 2020
- b. Acceptance of Treasurer's Report – February 2020

Ms. Dininni moved that the Board of Supervisors **approve** the Consent Agenda. Ms. Strickland seconded the motion. The motion passed unanimously.

2. A PUBLIC HEARING ON A RESOLUTION OF THE TOWNSHIP OF FERGUSON, CENTRE COUNTY, PENNSYLVANIA APPROVING REQUIRMENTS LEED V4O+M EQ PREREQUISITE GREEN CLEANING POLICY OPTION 1.

Mr. Modricker briefly described the Green Cleaning Policy Option 1. The new Public Works Maintenance Facility has been designed and will be constructed in such a way that it meets the standards for a LEED Gold Certified facility.

Ms. Dininni moved that the Board of Supervisors **adopt** the resolution approving requirements LEED V4 O+M EQ Prerequisite Green Cleaning Policy Option 1. Mr. Mitra seconded the motion. The motion passed unanimously.

Ms. Dininni inquired if the Township wants to expand this to the entire campus? Mr. Pribulka advised that at this time there would not be an expansion until we develop and implement this policy, then the Township will look into expanding.

Roll Call: Mr. Miller – YES: Mr. Mitra – YES: Ms. Stephens – YES: Ms. Strickland – YES: Ms. Dininni - YES

3. A PUBLIC HEARING ON RESOLUTION OF THE TOWNSHIP OF FERGUSON, CENTRE COUNTY, PENNSYLVANIA APPROVING THE ONGOING SUSTAINABLE PURCHASING AND SOLID WASTE MANAGEMENT POLICY

Mr. Modricker reviewed the ongoing sustainable purchasing and solid waste management policy. It would meet the requirements for an innovation credit that pertains to the way we purchase

consumable products such as paper, durable goods, building material, light fixtures, etc. The policy also pertains to the proper disposal of the above materials.

Ms. Strickland moved that the Board of Supervisors **adopt** the resolution approving the ongoing sustainable purchasing and solid waste management policy. Mr. Mitra seconded the motion. The motion passed unanimously.

Roll Call: Mr. Mitra – YES: Ms. Stephens – YES: Ms. Strickland – YES: Ms. Dininni – Yes: Mr. Miller - YES

4. A PUBLIC HEARING ON RESOLUTION OF THE TOWNSHIP OF FERGUSON, CENTRE COUNTY, PENNSYLVANIA AMENDING THE FERGUSON TOWNSHIP PERSONNEL POLICY MANUAL BY ESTABLISHING A TOBACCO CONTROL POLICY.

Mr. Modricker presented the Ferguson Township personnel policy manual by establishing a tobacco control policy. Mr. Modricker provided a site map that indicated smoking areas. There is signage to indicate where smoking is permitted and signage that prohibits smoking in the buildings or township vehicles. Mr. Modricker noted that this is a campus wide policy.

Ms. Dininni moved that the Board of Supervisors **adopt** the resolution amending the Ferguson Township Personnel Policy Manual by establishing a no smoking policy. Ms. Stephens seconded the motion. The motion passed unanimously.

Roll Call: Ms. Stephens – YES: Ms. Strickland – YES: Ms. Dininni – YES: Mr. Miller – Yes: Mr. Mitra: YES

5. A PUBLIC HEARING ON RESOLUTION OF THE TOWNSHIP OF FERGUSON, CENTRE COUNTY, PENNSYLVANIA AMENDING AND SUPPLEMENTING THE FERGUSON TOWNSHIP TAX COLLECTION POLICY

Mr. Eric Endresen discussed the tax collection policy with regards to the recent outbreak of COVID-19. Since the county implemented a resolution to help taxpayers during this time, they also proposed that the municipalities do the same. It abates the 10% penalty for the township for a period of 3 months. The 2% discount period or amount has not been changed. The discount period still ends April 30th. The 10% penalty, however, is abated for three months to September 1st, from July 1st for 2020 only.

Ms. Dininni moved that the Board of Supervisors **adopt** the resolution amending and supplementing the Ferguson Township Tax Collection Policy. Mr. Mitra seconded the motion. The motion passed unanimously.

Roll Call: Ms. Strickland – YES: Ms. Dininni – YES: Mr. Miller – YES: Mr. Mitra – Yes: Ms. Stephens - YES

6. PROCLAMATION – WATERSHED CLEANUP WEEK IN FERGUSON TOWNSHIP

Mr. Pribulka presented on the Watershed Cleanup proclamation. Mr. Pribulka noted that typically this is the meeting each year where the board is asked to designate Watershed Clean-Up Day, which is an annual event that's hosted by ClearWater Conservancy and has been for the past 23 years. Unfortunately, due to the COVID-19 pandemic, this year's cleanup has been canceled. However, ClearWater is asking municipalities to designate a Watershed Clean Up Week, which they will sponsor. This will be a series of smaller scale events that will allow for appropriate social distancing. The township is not being asked to assist with refuse collection or gathering, that will

be handled by the individuals, and residents who participate in the week's activities. The proclamation that's been used in prior years has been slightly modified to reflect the designation of the Watershed Cleanup Week.

Ms. Dininni moved that the Board of Supervisors **proclaim** the week of May 3rd to be Watershed Cleanup Week in Ferguson Township. Ms. Stephens seconded the motion. The motion passed unanimously.

Mr. Miller noted that ClearWater would like participates to go to their website to register for the event. This helps with their accreditation. Mr. Pribulka noted that the Township utilizes this event toward their public involvement participation program.

7. LETTER OF SUPPORT – NATIONAL FISH AND WILDLIFE FEDERATION GRANT SUBMISSION

Mr. Modricker reviewed three letters of support to the National Fish and Wildlife Federation. These grants will help stabilize the erosion of the Park Hills Drainageway. Ferguson Township will be applying for three grants:

1. PA Local Government Implementation - \$200,000
2. Small Watersheds Grant - \$50,000
3. National Fish and Wildlife Foundation Small Watershed Implementation Grant - \$500,00

Ms. Dininni moved that the Board of Supervisors **authorize** the submission of three grant applications to the National Fish and Wildlife Federation for improvements to the Park Hills Drainageway and authorize the Chairman to sign letters of support for each submission. Mr. Mitra seconded the motion. The motion passed unanimously.

8. AUTHORIZATION OF AN ORDINANCE FOR PUBLIC HEARING AMENDING CHAPTER 15, MOTOR VEHICLES AND TRAFFIC; PART 4, GENERAL PARKING REGULATIONS; SECTION 403, PARKING PROHIBITED AT ALL TIMES IN CERTAIN LOCATION

Mr. Modricker reviewed the ordinance. The Township has received complaints at two different locations. The first complaint is that a resident is having difficulty pulling out of a driveway on East Pine Grove Road. Staff conducted a sight distance study and found a large vehicle blocking the sight distance. Staff is recommending some parking restrictions. The second complaint has more traffic, although a low volume road, the Township received complaints about difficulty seeing pulling out of Johnson Road when looking East onto Whitehall Road. There is a large tractor and trailer blocking the sight distance. Staff is recommending parking restrictions.

Ms. Dininni moved that the Board of Supervisors **authorize** the ordinance for public hearing on May 18, 2020. Mr. Mitra seconded the motion. The motion passed unanimously.

9. AUTHORIZATION OF AN ORDINANCE FOR PUBLIC HEARING AMENDING CHAPTER 15, MOTOR VEHICLES AND TRAFFIC; PART 2, TRAFFIC REGULATIONS; SECTION 215, STOP INTERSECTIONS ESTABLISHED

Mr. Modricker reported on a complaint about a near miss between a bicyclist and a vehicle that was traveling down Curtain Street. The bicyclist was traveling South on Curtain Street and crossed in front of the vehicle without stopping. The vehicle was on Clinton Avenue trying to make a left to go up Curtain Street. The bicyclist was heading for the McKee Street bike path. The Township Engineer completed a study to better establish the right of way at the intersection. It is

recommended that a stop sign should be installed with a supplemental plaque that states, except right turn.

Ms. Dininni moved that the Board of Supervisors **authorize** the ordinance for public hearing on May 18, 2020. Mr. Mitra seconded the motion. The motion passed unanimously.

10. AWARD OF CONTRACT 2020-C1 STREET IMPROVEMENT PROJECTS (NORTH)

Mr. Modricker reviewed the bids for street improvements. Bids were open for this contract on March 17th. The bid was advertised in the Centre Daily Times and invitations were sent to qualified contractors. The Township received four bids:

1. New Enterprise Stone and Lime Company - \$320,768
2. Glenn O. Hawbaker - \$337,648
3. Ameron - \$396,945.32
4. HRI, Inc. - \$468,112

The Engineers estimate for this contract is \$368,792.08. The budget included \$437,000 to complete the work.

Mr. Mitra moved that the Board of Supervisors **award** Contract 2020-C1 Street Improvement Projects (North) to New Enterprise Stone and Lime Co., Inc., in an amount of \$320,768.00 subject to the contractor submitting a COVID-19 safety plan for the job acceptable to the Township prior to starting work. Ms. Strickland seconded the motion. The motion passed unanimously.

11. AWARD OF CONTRACT 2020-C2 STREET IMPROVEMENT PROJECTS (WEST)

Mr. Modricker reviewed the bids for street improvements. Bids were open for this contract on March 17th. The bid was advertised in the Centre Daily Times and invitations were sent to qualified contractors. The Township received three bids:

1. New Enterprise Stone and Lime Company - \$524,596.75
2. Glenn O. Hawbaker - \$577,872
3. HRI, Inc. - \$619,653.70

The Engineers estimate for this contract is \$725,968. The budget included \$657,000 to complete the work.

Mr. Mitra moved that the Board of Supervisors **award** Contract 2020-C2 Street Improvement Projects (West) to New Enterprise Stone and Lime Co., Inc., in an amount of \$524,596.75 subject to the contractor submitting a COVID-19 safety plan for the job acceptable to the Township prior to starting work. Ms. Stephens seconded the motion. The motion passed unanimously.

VII. STAFF AND COMMITTEE REPORTS

1. COG COMMITTEE REPORTS

- a. Executive Committee. Mr. Miller noted that the Executive Committee is the only committee meeting. There was a Zoom meeting on April 7th. The meeting included routine business. An action item was authorized for Eric Nurnberg to sign checks. The Finance Committee had a work session and was informed that the loan refinance has been delayed due to the COVID-19 epidemic. Mr. Miller also noted that the Executive Committee will only be handling items that have to be dealt with, and they are not conducting any policy decisions.

2. STAFF REPORTS

- a. Township Manager. Mr. Pribulka reported on the actuarial report for the police pension fund for the year ending December 31, 2019. Mr. Pribulka noted that the fund is very strong. The plan was about 85% funded, which is a significant increase over the funding ratio from the prior year. As for the first and second quarters of 2020, the market is volatile now and there are not any updated numbers. Mr. Pribulka will provide those as they become available. The Parks and Recreation Committee met virtually on April 16th. The primary agenda item that was discussed was the plans for the undeveloped portion of Cecil Irvin Park, particularly the maintenance of the area. There is concerned citizens who live in the adjoining neighborhood that have complained about the lack of mowing on the undeveloped area. The Committee is going to incorporate mowing that area every couple week's during the growing season. Mr. Pribulka presented an idea to the Board regarding a budget appropriation to conduct a more detailed satellite fire station feasibility needs assessment. Ms. Martin and Mr. Pribulka received two proposals to the last requests for proposals. These were reviewed with Centre Region Fire Director, Steve Bair. Mr. Pribulka expressed glaring gaps in the proposals and does not feel confident in recommending an award to either. Since the Township is having a regional fire station comprehensive plan that's being done concurrently with our evaluation of these proposals, Mr. Pribulka suggested to defer this project until the 2021 program year. This will give the Township time to evaluate the results from the regional study that's being done. The Board was in agreement.
- b. Public Works Director. Mr. Modricker noted that his report was provided with the packet. Brush and leaf collection, roadside mowing, and street sweeping will be done on May 4th. Mr. Modricker noted that he has spoken with the Public Works employees regarding returning to work safely amid the COVID-19 pandemic. Depending on employee's particular situations, the Township may continue to work remotely. The Public Works Maintenance Facility started work back up on April 20th.
- c. Planning & Zoning Director. Ms. Wargo noted that the Planning Commission met on Monday, April 13th and that the report she conducted tonight was everything the Planning Commission completed. There are a lot of outstanding geotechnical reviews with Thistlewood Lot 19 and will be included on the agenda for the end of May. The Commission has been working on the tree preservation ordinance, affordable housing ordinance, and trying to update all Outreach materials on the website.
- d. Chief of Police. Chief Albright noted that his report is in the packet. He noted that the first two weeks of the stay-at-home order, the Township was quiet, but as the weeks progressed, there were a few notable incidents. An arrest was made on a 36-year-old female that assaulted her partner and held a gun to her head. The suspect was charged with a variety of crimes. There was a serious crash on Marengo Road involving an ATV that crashed into a telephone pole. The driver sustained numerous broken bones, was transferred to UPMC, and is now recovering at home. Chief Albright noted that he had two officers that were out sick. One officer has fully recovered and is back to work and the other officer will return soon.

VIII. COMMUNICATIONS TO THE BOARD – Mr. Mitra noted that he has had several citizens ask about the future of the Township with regards to finance and taxes. Mr. Pribulka noted that it is difficult to predict at this time how the COVID-19 pandemic will impact the Township. Further discussions will be held in the future.

IX. CALENDAR ITEMS – None.

X. ADJOURNMENT

With no further business to come before the Board of Supervisors, Ms. Strickland motioned to adjourn the meeting. The meeting adjourned at 9:35 p.m.

Respectfully submitted,

David Pribulka, Township Manager
For the Board of Supervisors



TOWNSHIP OF FERGUSON

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www.twp.ferguson.pa.us

Memorandum

To: Board of Supervisors
David Pribulka, Township Manager
From: David J. Modricker, Public Works Director

Re: Professional Services Agreement
Tree Canopy Survey

Date: April 28, 2020

Background:

The Township budgeted \$25,000 in 2020 to conduct a tree canopy survey. The tree canopy survey was recommended for consideration by the Ferguson Township Tree Commission in 2019 to gain an understanding of the human and other impacts on the urban forest, measure the impacts over the past 10 years, and develop a plan to best manage this asset in the future.

Scope of Work:

Tasks for this project include but are not limited to:

1. Within the geographic boundary of Ferguson Township, Centre County, PA, (approximately 48 square miles) classify all tree canopy using high resolution (1 meter accuracy) 2018 National Agriculture Imagery Program aerial imagery (or most currently available NAIP imagery). In lieu of NAIP, use Light Detection and Ranging (LiDAR) imagery if available and comparably current with NAIP and specify year of LiDAR data collection. Deliver a 1-class raster (.tif) file and a vector (.shp) file with at least 94 percent accuracy and minimum mapping unit of 3 meters x 4 meters.
2. Delineate tree canopy in 2008 (or other previous year upon mutual agreement between Consultant and Township) using historical aerial imagery and similar methodology as specified in item 1 above, to locate specific areas of change in tree canopy. Deliver a narrative of change metrics and a 1-class raster (.tif) file and a vector (.shp) file with at least 94 percent accuracy and minimum mapping unit of 3 meters x 4 meters.
3. Provide a narrative report quantifying the economic benefits of the Township's tree canopy in paper and electronic format. Utilize i-Tree tools or equal tree management tool.

4. Deliver a summary report of items 1, 2, and 3 above including methods used, key findings, and recommendations. Provide both a preliminary report for Township review and a final report.

Milestones and Timelines:

The following milestones were provided in the request for proposals:

February 2020	Solicit request for proposal
March 24, 2020	Receive proposals
April 2020	Review proposals with Ferguson Township Tree Commission
May 2020	Board of Supervisors considers award of Contract
May 2020	Award of contract and Notice to Proceed by Purchase Order
July 2020	Consultant delivers draft report and electronic files for staff review
July 2020	FTTC reviews draft report
July 2020	Township provides any comments to Consultant
August 2020	Consultant provides final deliverables to Township
September 2020	FTTC provided final tree canopy survey at a regular meeting

Proposal Evaluations:

On March 24, 2020, staff received 3 professional service proposals. Proposals were evaluated on the following factors:

- 1) Project Understanding: Provide a demonstrated understanding of the needs and basis to establish a stormwater funding mechanism for the Township in accordance with laws of the Commonwealth of Pennsylvania.
- 2) Experience of the Firm: Provide an overview of your firm including history, ownership, staff, capacity, and office locations. State the office location for which the work for this project will be performed. Provide examples of stormwater fee studies completed for other government entities.
- 3) Qualifications: Provide resumes and qualifications for the project manager and key personnel assigned to this project including references to similar studies performed by each person.
- 4) Estimated Cost: Provide an estimated cost for the professional services work along with subtotals for anticipated major work tasks and billing rates for each classification of employee working on the project. A more detailed breakdown of hours per task will be requested later with the Technical and Price proposal from the consultant that is selected from their qualifications statement and interview.
- 5) Projected Time to Complete Work: Provide a schedule to complete the work and a narrative or comparison to the time-line provide above.

Staff ranked the proposals and conducted a background check of previous projects and clients.

Recommendation:

Based on the ranking criteria and review of proposals submitted, **staff recommends award of a professional services contract to SavATree Consulting Group to perform a tree canopy survey in accordance with their proposal for a total price of \$15,964.71.**

File: 2020-C14 Tree Canopy Survey

TOWNSHIP OF FERGUSON

TREE CANOPY SURVEY PROPOSAL
CONTRACT 2020-C14

For

DAVID J. MODRICKER, P.E.

PUBLIC WORKS DIRECTOR



PROJECT UNDERSTANDING

Ferguson's urban forest provides numerous ecosystem benefits to its citizens and businesses: air and water pollution reduction, stormwater control, moderation of high summer temperatures, aesthetic urban viewsheds, and community sense of place. These benefits ensure not only the daily well-being of its residents but also contribute to making Ferguson a desirable place to live. However, the township's trees face a multitude of known and potential environmental threats, including invasive species, storm damage, development pressure, and climate change. It is thus imperative for the township to understand the nature and extent of recent changes to its tree canopy, and also to gauge the contributions of its ongoing tree planting and preservation initiatives.

This project will allow the FTTC to answer the following questions:

- What is the township's current existing tree canopy?
- How much room does the township have to plant new trees?
- How has the tree canopy changed from 2008 to 2018?
- How does the current and change in tree canopy relate to various factors and geographical units of analysis, such as development, land use, and watersheds?
- What is the contribution and value of the ecosystem services that the township's tree canopy provide?
- What measures should the FTTC take to ensure that the township has a vibrant and robust tree canopy for generations to come?

PROJECT TEAM

SavATree will partner on this project with the University of Vermont Spatial Analysis Lab (UVM SAL). Collectively, the project team brings together the country's most respected experts in tree canopy assessments. The project co-leads, Michael Galvin (SavATree) and Jarlath O'Neil-Dunne (UVM SAL), were part of the team that developed the US Forest Service's Tree Canopy Assessment Protocols. Our project team has since carried out tree canopy assessments for communities, including Los Angeles, New York City, and State College. We have extensive experience working in Pennsylvania. In addition to having carried out tree canopy assessments for Philadelphia, Pittsburgh, State College, and York our team produced Pennsylvania's first high-resolution land cover dataset. Our team is also part of the group tasked with mapping land cover change throughout the Chesapeake Bay Watershed. We are confident that no other group provides the expertise, commitment to excellence, return on investment, and client engagement.



SavATree

SavATree is a TCIA-accredited company with over 1,000 employees in offices serving AZ, CO, CT, DC, GA, IL, IN, KY, MD, MA, MI, MN, NH, NJ, NY, OH, PA, UT, VA, and WI. We are a GSA schedule holder (U.S. General Services Administration Federal Supply Schedule) and have the financial and technical resources to execute this scope of work. The SavATree Consulting Group has served clients in 22 states, including Pennsylvania.

SavATree's Corporate address is:
550 Bedford Road
Bedford Hills, NY 10507

SavATree's lead office for this project is in Washington, DC:
5330 Port Royal Rd, Suite A
Springfield, VA 22151

University of Vermont Spatial Analysis Laboratory

The University of Vermont Spatial Analysis Laboratory (UVM SAL) is a cutting-edge, applied geospatial research facility in the Rubenstein School Environment & Natural Resources at the University of Vermont (UVM). As the pioneer of geospatial technology in Vermont, the SAL operates as a non-profit in partnership primarily with private industry, government organizations, and other non-profits, applying innovative techniques in GIS, remote sensing, and spatial statistics to solve the unique problems brought to us by these organizations. The scope of our work includes tree canopy assessment, ecosystem service valuation, biodiversity analysis, land-cover mapping, and conserved lands planning to scenario modeling, LiDAR processing, web-based mapping, and even transportation analysis.

UVM SAL is located at:
81 Carrigan Drive
Aiken Center, Suite 205
Burlington, VT 05405-0088

Tree Canopy Assessment Projects

The following is a list of recent tree canopy assessment projects carried out by our team.

- Los Angeles County and City, 2019: <https://www.treepeople.org/latreecanopydata>
- College Park, MD, 2019: <https://www.collegeparkmd.gov/DocumentCenter/View/1570/Tree-Canopy-College-Park-2018-Report>
- Durham, NC, 2017: <https://durhamnc.gov/DocumentCenter/View/17528/Tree-Canopy-Assessment--Durham-NC-2017?bidId=>
- Los Angeles coastal zone, 2017: <https://digitalcommons.lmu.edu/cate/vol10/iss2/3/>

- Northern Kentucky, 2015: <http://linkgis.org/nkymaplab/nkymaplab-june-2015/>
- Baltimore, MD, 2013: <https://digitalcommons.lmu.edu/cgi/viewcontent.cgi?article=1132&context=cate>
- Cuyahoga County, OH, 2011: <https://www.countyplanning.us/projects/urban-tree-canopy-assessment/background/>

Client references

USDA FOREST SERVICE

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LOYOLA MARYMOUNT UNIVERSITY

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CITY OF BALTIMORE

Erik M. Dihle
City Arborist – Urban Forestry
Recreation & Parks

Erik.Dihle@baltimorecity.gov

Qualifications

Our project team will be led by SavATree Consulting Group Director Michael Galvin. Mr. Galvin is a Registered Consulting Arborist (#432), an ISA Certified Arborist (#MA-0304-A), a Maryland Licensed Tree Expert (#2041), a Maryland Forest Warden, a Maryland Roadside Tree Care Expert, and a Maryland Forest Conservation Qualified Professional. He is the current President of the American Society of Consulting Arborists. He has received the True Professionals of Arboriculture Award (2011) from the International Society of Arboriculture and the Advancing Arboriculture (2007) and Pat Felix Volunteer of the Year (2004) Awards from the Tree Care Industry Association. Mr. Galvin worked as a municipal arborist in Prince George's County, MD for over a decade. He provided technical and financial assistance to communities across Maryland during a decade as Supervisor of Urban & Community Forestry for the Maryland Department of Natural Resources-Forest Service. At Casey Trees, he helped set the tree canopy goal for the Nation's Capital and established the Tree Report Card to monitor progress. He recently served on the Chesapeake Bay Urban Tree Canopy Expert Panel, charged with recommending credits to be assigned to urban tree canopy as a best management practice under the Chesapeake Bay TMDL. Mr. Galvin is based in Annapolis, MD.

The tree canopy assessment will be performed by the University of Vermont Spatial Analysis Lab (UVM SAL) under the leadership of the Director, Jarlath O'Neil-Dunne. Mr. Galvin and Mr. O'Neil-Dunne helped develop the methods widely used by many for urban tree canopy assessment while working for the Maryland Department of Natural Resources and under contract with the US Forest Service Northern Research Station, respectively.

Mr. O'Neil-Dunne has authored numerous peer-reviewed articles on tree canopy assessment using remote sensing and has performed urban tree canopy assessments for communities across the country. Current projects include producing a hi-resolution tree canopy assessment of the entire Chesapeake Bay for the Chesapeake Bay Program, an area of 64,000 miles that includes parts of six states – Delaware, Maryland, New York, Pennsylvania, Virginia, and West Virginia – and the entire District of Columbia. He is based in Burlington, VT.

Our proposal includes additional items not specified in the RFP. These additional items are necessary to ensure that the FTCC has access to the best possible information and that the work is consistent with the US Forest Service's Tree Canopy Assessment Protocols. Furthermore, the additional products can be completed at little to no cost thanks to the investments we have made in automated workflows.

WORK PLAN

The project will consist of six main tasks:

1. **Initiation.** Contracting, kick-off, and work plan modifications.
2. **Data Preparation.** Obtain, review, and process source datasets.
3. **Mapping.** Map 2018 tree canopy and land cover conditions. Map tree canopy change from 2008-2018.
4. **Metrics.** Summarize the 2018 tree canopy and tree canopy change by various geographic units of analysis.
5. **Ecosystem Valuation.** Estimate the value of tree canopy using iTree tools.
6. **Report.** Summarize the project findings and methods.

Timeline

An overview of the tasks and associated sub-tasks is presented in Figure 1. The timeline is shown in Figure 2. Our project team is capable of remote work and is prepared to execute this proposed timeline if the COVID-19 distancing measures remain in place for the duration of the project.

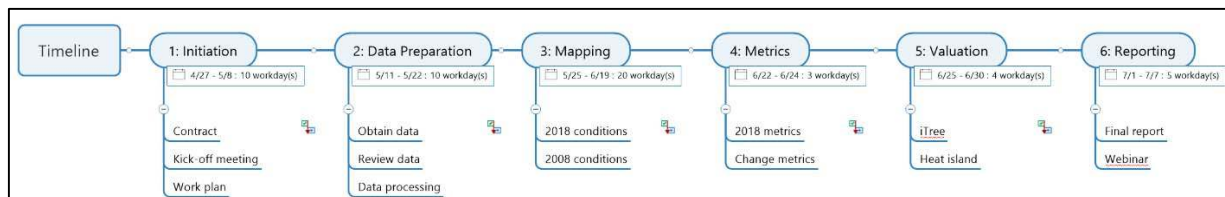


Figure 1. Project tasks and associated sub-tasks.

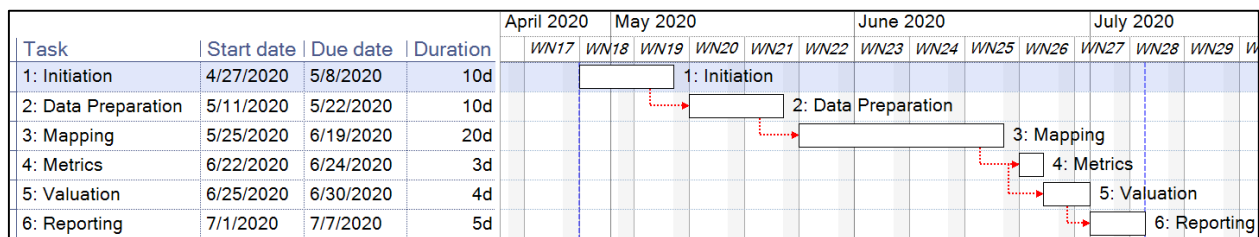


Figure 2. Project timeline

TASKS

Task 1: Project Initiation

We will hold a kick-off meeting with Ferguson Township to review the project, work plan, source data, and deliverables.

Task 2: Data Preparation

The source datasets required to complete the project are presented in Table 1. As part of our past and existing work in the region, we have the 2018 NAIP, 2008 NAIP, and 2006 LiDAR on-hand. These datasets have been processed. Should the 2019 LiDAR be released in time for use in this study, we will make use of that dataset. Our research has shown that incorporating LiDAR, even when the collection date does not align perfectly with the imagery, improves the accuracy of tree canopy mapping. Additional supporting datasets, such as road centerlines and land use information, will be obtained from Ferguson Township or Centre County. All datasets will be reviewed for completeness and consistency. The imagery will be processed to generate a seamless mosaic in the project coordinate system. The LiDAR data will be processed to generate a normalized and classified point cloud along with surface models representing the bare earth, first returns, last returns, and intensity. The first and last return models will be normalized relative to the ground.

Table 1. List of source datasets.

Description	Condition	Format	Source
Aerial Imagery	2018	Raster GeoTIFF	USDA NAIP
Aerial Imagery	2008	Raster GeoTIFF	USDA NAIP
LiDAR	2019	LAS	USGS
LiDAR	2006	LAS	USGS
Geographies	Most recent	Vector	Township/County
Ancillary data	Most recent	Vector	Township/County
Surface temperature	2018	GeoTIFF	USGS

Task 3: Tree Canopy & Land Cover Mapping

Per the USDA Forest Service UTC Assessment mapping protocols, seven land cover classes will be mapped to reflect 2018 conditions: 1) tree canopy, 2) grass/shrub, 3) bare soil, 4) water, 5) buildings, 6) roads/railroads, and 7) other paved surfaces. These land cover classes are required inputs for iTree Landscape, which will be used to provide for the ecosystem valuation analysis (Task 5). This land cover dataset will also support determining the existing and possible tree canopy for the in addition to serving as the basis for the tree canopy change detection (Task 4).

The 2018 NAIP will serve as the foundation for this project. This imagery will be supplemented with the most recent LiDAR data available. NAIP was acquired under leaf-on conditions, making it ideal for assessing tree canopy. The LiDAR was acquired under leaf-off conditions, but as it has superior positional accuracy, it will be valuable in determining the accurate location of features. Both datasets will be supplemented by datasets provided by Ferguson Township and Centre County. We will leverage our

years of experience building automated systems that are capable of integrating vast amounts of imagery and other geospatial datasets, to accurately map tree canopy and other land cover features. We will couple this with a detailed manual review of the entire dataset.

Our team has carried out numerous projects in which similar data (leaf-off LiDAR and leaf-on imagery) have been used to map tree canopy at accuracies exceeding 99%. Sample outputs from prior projects in which similar data sets were used are presented in Figure 3 and Figure 4. For this project, the output raster land cover will be 1-meter. The minimum height for detectable trees will be set at 2 meters, the minimum mapping unit for tree polygons will be set at 8 meters².



Figure 3 - An example of a tree canopy mapping project carried out by our team for a multi-county region in which leaf-on imagery (top) and leaf-off LiDAR (bottom), acquired in different years were used to accurately extract tree canopy (bottom).



Figure 4 - A sample of seven class high-resolution land cover developed by our team using the USDA Forest Service tree canopy assessment protocols.

The detailed approach to our methodology has been published in a number of peer-reviewed journal articles (MacFaden et al., 2012; O'Neil-Dunne et al., 2013; O'Neil-Dunne et al., 2014). Overall, the process of automating the extraction of tree canopy involves two steps: preparing the data for analysis, then loading the data into the object-based image analysis system where a series of segmentation, classification, and morphology algorithms are used to map tree canopy based on the properties found within the imagery and the LiDAR data. The data preparation phase involves generating LiDAR derivative products such as raster surface models and LiDAR normalized point clouds. These products will be provided to the township with full documentation at no additional charge. Object-based approaches are superior to more traditional pixel-based approaches for feature extraction because they are less sensitive to differences that exist between LiDAR and imagery data sets such as pixel size and spatial alignment. The chief challenge of extracting tree canopy within the object system is the computing resources required to process such large amounts of data. Will make use of high-end grid computing infrastructure that has shown to be effective in processing data sets many times the size of the ones that will be used for this study. Tree canopy extraction will be done using a rule-based expert system. In general, the process will consist of first separating tall objects from other objects on the landscape using the LiDAR data. Trees will then be distinguished from other tall objects, such as buildings and utility lines, using a combination of LiDAR metrics and spectral information from the imagery. The tree canopy

will then be refined to fill in any false gaps that may occur as a result of the LiDAR data being acquired under leaf-off conditions.

Following the automated extraction, a team of highly trained image technicians will review the tree canopy at the scale of 1:1200. Any observable errors will be corrected and incorporated into the final land cover dataset. The manual review will consist of both a detailed review by an individual analyst and then a secondary review by a supervisor. We have found that this approach that leverages a combination of automated feature extraction combined with manual QA/QC provides a cost-effective solution that yields high-resolution tree canopy data with unprecedented accuracy.

Estimating tree canopy change over time from remotely sensed data (imagery and LiDAR) requires that the amount of change measured falls outside of the margin of error. For example, if the two tree canopy estimates, produced at differing times, have a margin of error of +/- 2%, one cannot conclude that there is a 2% increase. It is thus imperative that the approach to tree canopy change mapping reduces the amount of error associated with mapping tree canopy from two separate time periods using different source data. The various imagery and LiDAR datasets for this project were not collected with the same acquisition parameters or same ground conditions, nor were they processed with similar specifications. Even if tree canopy mapping were perfect, the process of differencing the two tree canopy datasets would result in false change due to these issues. To accommodate the challenges inherent in tree canopy change detection, we will employ the mapping protocols that we have developed in collaboration with the USDA Forest Service. These protocols minimize the errors associated with mapping tree canopy change over time. These techniques have become the standard for tree canopy change detection and have been applied throughout North America.

Using the 2018 tree canopy as the starting point, we will integrate the 2008 imagery and 2006 LiDAR data to map three classes of tree canopy change: no change, gain, and loss (Figure 5).

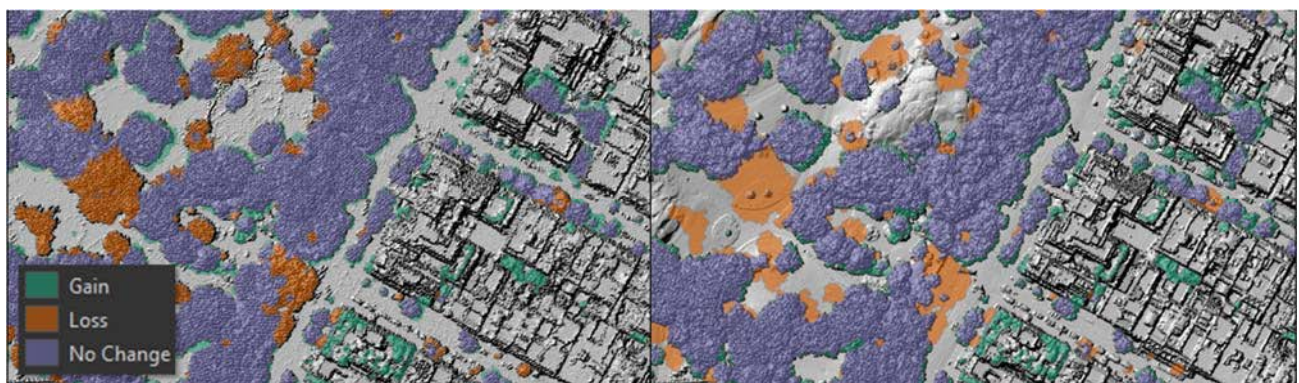


Figure 5. High-resolution tree canopy change product from a project carried out by our team. The tree canopy change is overlaid on the 2010 LiDAR (left) and the 2017 (LiDAR) right. The mapping was so detailed that the removals and plantings of small street trees were captured.

Task 4: Tree Canopy Metrics

The land cover dataset and the tree canopy dataset will be integrated with GIS polygon geographical boundaries data (e.g., watersheds and neighborhoods). Through this process, we will generate geographical summary statistics to help understand tree canopy patterns throughout Ferguson and changes to it over time. This task will be accomplished using the USDA Forest Service’s tree canopy metrics tool, which was developed by our team. The tree canopy metrics tool is a GIS-based approach to summarizing tree canopy information at various geographical units of analysis. We will run the tool using for all geographical units specified by the City.

Information produced by the tree canopy metrics tool includes the Existing Tree Canopy (how much tree canopy there currently is, the Possible Area (land theoretically available for the establishment of new tree canopy), land cover summaries for each land cover class, and tree canopy change statistics. This information can



Figure 6. . Tree canopy metrics using land-use information obtained from property parcel data. These metrics provide decision-makers with crucial information on who owns the city’s existing tree canopy and who owns the land available for planting additional trees

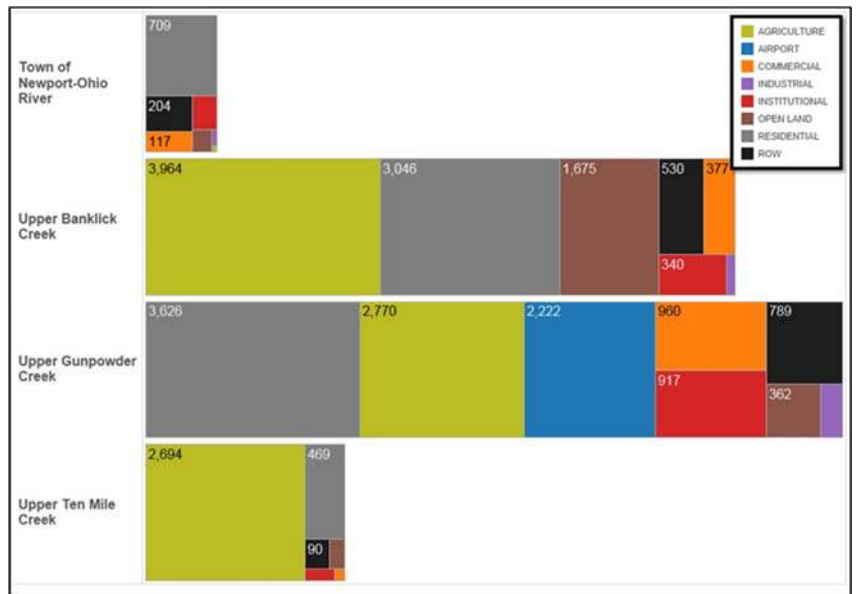


Figure 7. Tree canopy metrics showing the available planting space for new tree canopy for four target watersheds. Within each watershed the planting space is portioned by land use as the mechanisms for establishing new tree canopy may differ greatly among these land uses.

be viewed spatially using GIS, in graphs or charts, or subjected to statistical analysis. A variety of data visualization products will be generated to illustrate the findings.

The tree canopy metrics task will also generate a canopy height model (Figure 8) and divide the canopy into patch classes (Figure 9). The canopy height analysis will be performed by integrating the tree canopy data with the LiDAR data. A customized algorithm developed by our team will partition the tree canopy into tree crowns, which will then be attributed with height information from the LiDAR data. These data will then be used to map the current height distribution of tree canopy and plot the tree canopy by height class. Height can be used as a reasonable approximation for tree canopy age, and this information will help understand the 3D structure of the township's tree canopy. Morphological and geometric filters will subdivide the tree canopy into three classes: small, medium, and large. This information provides insight into the 2D configuration of the urban forest, separating out individual trees (small) from more ecologically significant patches (large).

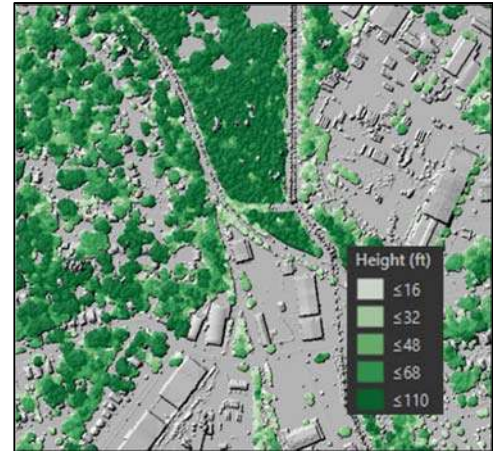


Figure 8. Tree canopy height model developed by segmenting the tree canopy to approximate individual trees then attributing those polygons with height information from the LiDAR point cloud.

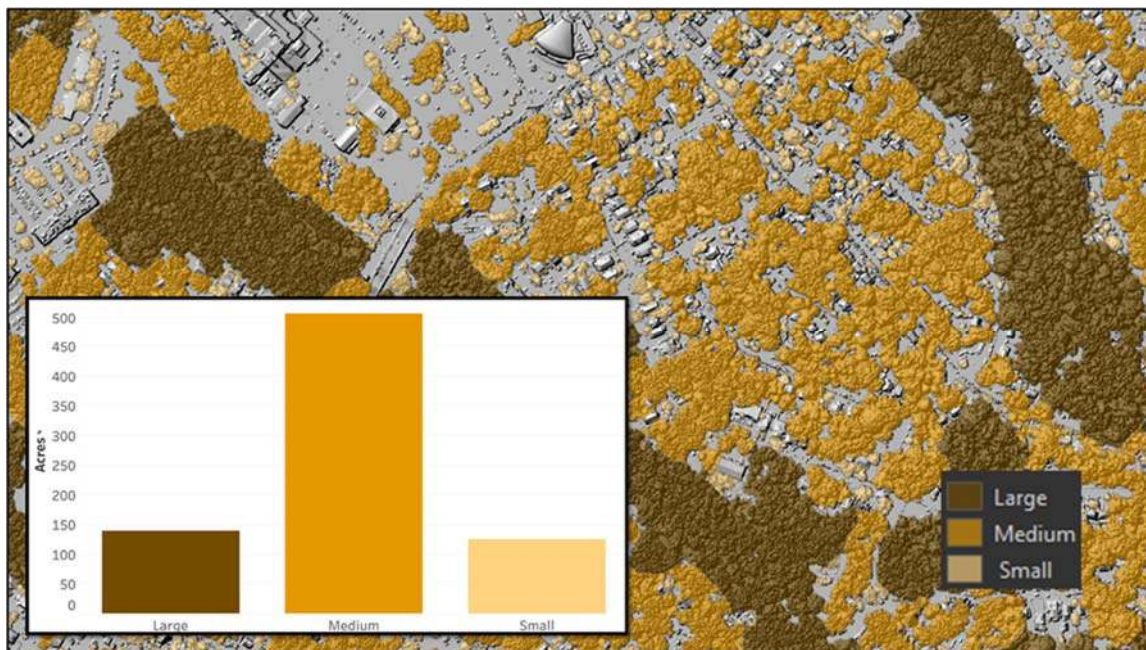


Figure 9. Forest patch analysis. Land cover mapping quantifies the amount of tree canopy, but the configuration of that tree canopy is also important to understand as larger forest patches are associated with greater ecosystem services and improved wildlife habitat.

Task 5: Ecosystem Service Valuation

The ecosystem service valuation will provide an assessment of the economic benefit of the township's trees along with demonstrating the effect tree canopy has on reducing the urban heat island. The economic benefits will be computed using iTree Landscape. We have a longstanding relationship with the iTree team in which the land cover data from our tree canopy assessments is integrated into iTree Landscape to provide ecosystem service valuations. An example of those valuations using less precise national-level land cover data is shown in **Error! Reference source not found.**. In the second phase of this task, we will use satellite-based surface temperatures to explore the relationship between the urban heat island and tree canopy (**Error! Reference source not found.**).

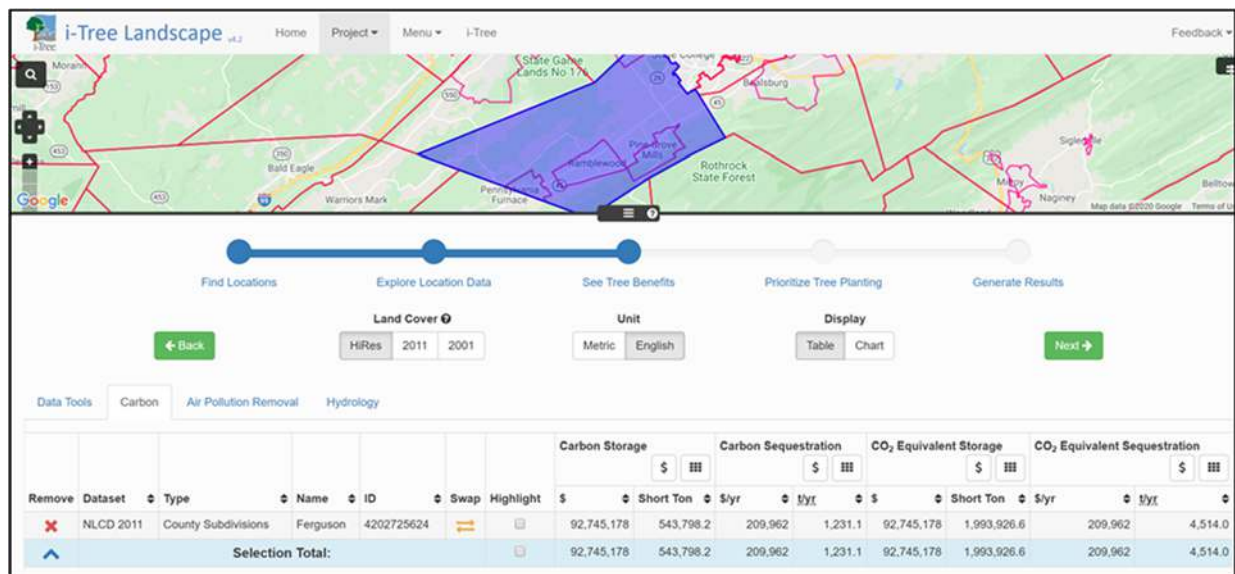


Figure 10. Economic benefits derived from iTree Landscape.

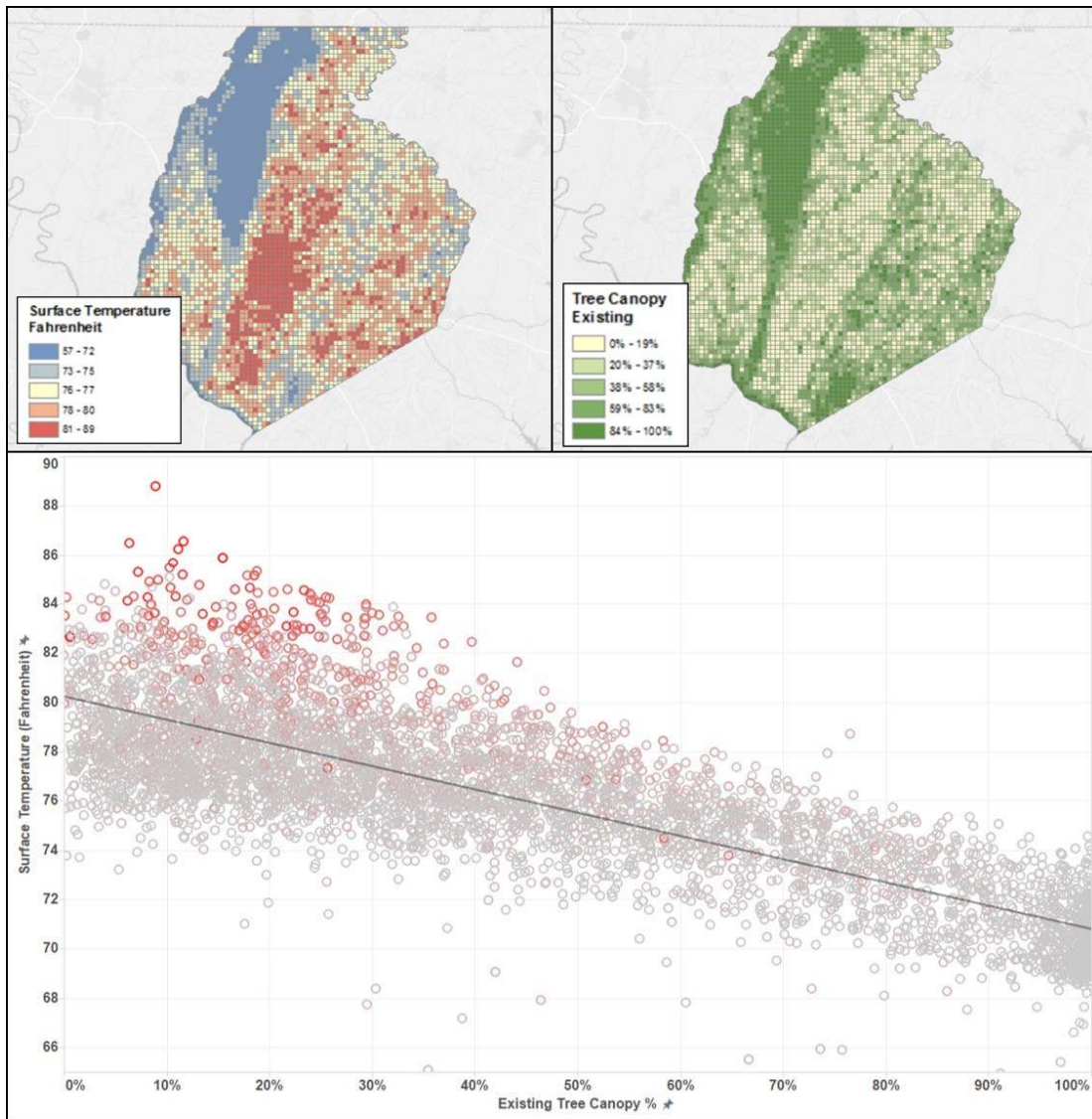


Figure 11. The relationship between tree canopy and the urban heat island.

Task 6: Reporting

In the final task, we will a report summarizing the project work, and its outcomes will be produced and delivered to the township for review. The report will be aesthetically pleasing, easy to understand, and clearly communicate the findings, recommendations, and methods employed in the assessment. The township’s comments and modification requests will be addressed and incorporated into the final report. A presentation on the project will be provided via webinar. All geospatial deliverables will be documented using the appropriate metadata standard and turned over to the township.

DELIVERABLES

There deliverables for this project are listed below.

1. **Imagery and lidar source data.** The imagery and LiDAR datasets used to map land cover and tree canopy change.
2. **High-resolution 7-class land cover dataset.** This dataset will represent land cover based on 2018 conditions. The land cover classes include: (1) tree canopy, (2) grass/shrub, (3) bare soil, (4) water, (5) buildings, (6) roads/railroads, (7) other paved. This is a raster geospatial dataset.
3. **High-resolution tree canopy change dataset.** This dataset will represent the change in tree canopy from 2008 to 2018. Three change classes will be mapped: (1) no change, (2) gain, and (3) loss. This is a vector geospatial dataset.
4. **Tree canopy metrics.** Land cover metrics summarize the area and percent area for all seven land cover classes for the various geographies of interest. This is a tabular dataset that can be joined to the appropriate geospatial geography layer.



Figure 12. Select pages from the recent Philadelphia tree canopy assessment report carried out by our team.

5. **Tree canopy metrics.** The tree canopy metrics compute the existing tree canopy and possible tree canopy area and percent area for the various geographies of interest (e.g., land use, parks, watersheds). This is a tabular dataset that can be joined to the appropriate geospatial geography layer.
6. **Tree canopy change metrics.** The tree canopy change metrics summarize total change, percent change, and relative change for tree canopy no change, gain, and loss for the various geographies of interest (e.g., land use, parks, watersheds). This is a tabular dataset that can be joined to the appropriate geospatial geography layer.
7. **Canopy height model.** The canopy height model is a 3D representation of the canopy height. It can be used to better understand the structure of the canopy.
8. **Forest patch model.** The forest patch model divides the tree canopy into small, medium, and large patches to provide insights into the configuration of the urban forest.
9. **Economic benefits.** Economic benefits of the township's tree canopy derived from iTree Landscape.
10. **Urban heat island benefits.** The relationship between tree canopy and the surface temperature will be reported.
11. **Report.** The final report contains a summary of the methods and findings.
12. **Presentation.** The final presentation will be delivered via webinar. A copy of the presentation slide deck will be provided.

COST PROPOSAL

We will provide the deliverables described here for a total price of \$15,964.71.

LITERATURE CITED

MacFaden, S.W., et al., High-resolution tree canopy mapping for New York City using LIDAR and object-based image analysis. *Journal of Applied Remote Sensing*, 2012. 6(1): p. 063567-1-063567-23.

O'Neil-Dunne, J., S. MacFaden, and A. Royar. A versatile, production-oriented approach to high-resolution tree-canopy mapping in urban and suburban landscapes using GEOBIA and data fusion. *Remote Sensing*, 2014. 6(12): p. 12837-12865.

O'Neil-Dunne, J.P., et al. An object-based system for LiDAR data fusion and feature extraction. *Geocarto International*, 2013. 28(3): p. 227-242.

TERMS AND CONDITIONS

The following terms and conditions are part of the agreement of work to be performed by SavATree LLC d/b/a SavATree Consulting Group (SATCG), and with the information contained herein, constitute the entire agreement.

Thank you for choosing SavATree! The following terms and conditions, together with the terms, prices, and specifications outlined on your estimate, proposal, and/or services agreement and Plant Health Care and/or Lawn Care Datasheet ("Datasheet"), if applicable for your state, constitute your entire agreement with SavATree, LLC d/b/a SavATree, SavaLawn, Swingle Lawn, Tree and Landscape Care, Mountain High Tree Service, Thrive, 404-CUT-TREE, Mike's Tree Surgeons, Integrity Tree Service, DeerTech, Clear Cut Tree, and Red Cedar Arborists and Landscapers (collectively referred to as "SavATree.")

PERFORMANCE BY SAVATREE

Our Plant Health Care and Lawn programs are designed to manage and not eradicate weeds, insects, mites, disease and deer browsing. Horticulturally tolerable levels of insects, mites, disease and deer browse may still be present after treatments. Epidemic infestations may require additional visits at additional cost to you, pending your approval.

Each time we are on your property, an evaluation card will be left or emailed indicating the service(s) performed and, if necessary, any additional recommendations. Remeasurement of your lawn, trees or shrubs may also be done if there is a discrepancy between the original estimate and the actual square footage or product(s) required. You will be notified of any price adjustments for future services.

Work crews will arrive at the job site unannounced unless otherwise noted herein. The Datasheet provides approximate and alternate dates of our service. SavATree shall not be liable for damage or losses due to delays for weather or causes beyond our control. By accepting this agreement and engaging our services, you accept that every day during the agreement's term is a day on which applications may be applied, and you are continuously on notice that SavATree will perform applications on any day during the term of this agreement if any other day becomes unnecessary or infeasible for performance (due to weather, scheduling conflicts, or weed, insect, mite and disease cycles) in which case you waive SavATree's performance on such a day. Absent extraordinary circumstances, you request that SavATree not further contact you concerning dates of application as such further contact would be a burden to you.

You understand that, in connection with rendering our services to you, SavATree may be required to bring trucks and other heavy equipment onto your driveway and other parts of your property. SavATree operates under the assumption that any and all parts of your property onto which we must bring such equipment can sustain the presence, weight, and movement of that equipment, and you hereby hold SavATree harmless for, and agree not to bring any claims against SavATree as a result of, any damage or degradation to any part of your property that results from the presence on it of such equipment.

You understand that certain work that SavATree will render for you, such as dismantling large trees, will likely have a visible impact on your lawn and other parts of your property (e.g., divots, holes, sawdust, etc.). While we will do our best to minimize, mitigate, and repair any such impact, you hereby hold SavATree harmless for, and agree not to bring any claims against SavATree as a result of, any such impact on your property.

You understand that after removal of stumps/roots that some shrubs/trees will continue to produce sprouts that may require multiple treatments, at additional cost to you, for control and that these treatments may result in damage to nearby plants/shrubs/trees and that you hereby hold SavATree harmless for, and agree not to bring any claims against SavATree as a result of, any damage to nearby plants/shrubs/trees.

The following provision applies to New York and Minnesota clients only: The term of this agreement shall be for twenty years from the date it is signed by you; however this agreement may be terminated without penalty at any time by either party. Minnesota clients are required to cancel this agreement upon sale of property serviced with this agreement.

WORKMANSHIP

All work is performed in a professional manner by experienced personnel outfitted with the appropriate tools and equipment to complete the job properly. Our work meets and exceeds the guidelines and standards set forth by ANSI (the American National Standards Institute) A300. As part of the Arbor Patrol Program, we may perform some minor deep root watering, minor fertilization and/or minor pruning of insect infested or diseased limbs. Any additional major work to be performed will be evaluated during a follow-up site inspection by an arborist who will submit an estimate, proposal, and/or services agreement for client approval. You are responsible for advising SavATree regarding the location of underground utilities in the area where work is to be done.

SavATree shall not be responsible for damage to such utilities, unless the location has been indicated prior to the commencement of work. Recommendations are intended to minimize or reduce hazardous conditions associated with trees. The owner or owner's representative is responsible for the annual scheduling of the required inspection of supplemental support systems. No guarantees are intended or implied with regard to work product.

LIMITS OF USE

Services provided under this agreement, including all reports, information, or recommendations prepared or issued by SATCG, are for the exclusive use of the Client for the project specified herein. No other use is authorized under this agreement. Client will not distribute or convey SATCG's reports or recommendations to any other person or organization other than those identified in the

project description without SATCG's written authorization. Client releases SATCG from liability and agrees to defend, indemnify and hold harmless SATCG from any and all claims, liabilities, damages or expenses arising, in whole or in part, from such unauthorized distribution.

INSURANCE

SavATree is insured for liability resulting from injury to persons or negligent damage to property, and all its employees are covered by Workers' Compensation Insurance. A certificate of insurance is available upon request.

OWNERSHIP

By accepting this agreement and engaging our services, you warrant that all trees, plant material and property on which work is to be performed are either owned by you or that permission for the work has been obtained from the owner by you. It is further agreed that the property owner or representative shall be responsible for obtaining any and all permits which may be required by local authorities. You hereby hold SavATree harmless from all claims for damages resulting from your failure to obtain such permits.

TERMS OF PAYMENT

The total cost estimates within this agreement are valid for 60 days unless otherwise noted. All invoices are payable upon receipt. A deposit of 50% may be required prior to the commencement of General Tree Care work. A finance charge at the maximum rate allowed under applicable state law will be added to invoices after 30 days. Your next treatment may not be performed if your account is past due. Past due balances void any guarantees. If outside assistance is used to collect the account, you are responsible for all costs associated with the collection including, but not limited to, reasonable attorneys' fees and court costs. Sales tax, if applicable, will be added to the amounts of this estimate, proposal, and/or services agreement per your local and state tax jurisdiction. Should any terms of this agreement be amended, subsequent payment for our services shall constitute your written acceptance thereof. The following provision applies to New York clients only: By accepting this agreement and engaging our services, you accept that the annual program total cost shall increase on January 1st of each year of this agreement by the annual increase in the CPI (CPI-U) published on www.bls.gov for twelve months ending September 30 unless otherwise agreed, with a minimum annual increase of 1%. Further, you hereby acknowledge that you have received notice of and understand the total cost of SavATree's services.

CONCEALED CONTINGENCIES

You agree to pay SavATree on a time and materials basis for any additional work required to complete the job occasioned by concrete or other foreign matter; stinging insect nests in the tree, trees, or branches; rock, pipe, or underground utilities encountered in excavations; and work not described within this estimate, proposal, and/or services agreement, or any other condition not apparent in estimating the work specified.

STATE NOTIFICATION REQUIREMENTS

Certain states require that specific product information be submitted to you. Part of this agreement is our Datasheet, which provides such information. The Datasheet can be found at www.savatree.com/ds/index.html. Massachusetts clients should see the Consumer Information Bulletin at www.savatree.com/ds/macnsminfo. You have the right to receive specific date pre-notification for certain applications in certain states. Your written authorization on the Authorization Page of this estimate, proposal, and/or services agreement waives any pre-notification requirement unless noted otherwise. In New York State: The property owner or owner's agent may request the specific date or dates of the application(s) to be provided and, if so requested, the pesticide applicator or business must inform of the specific dates and include that date or dates in the contract. Wisconsin clients hereby consent to receiving electronic pre-notification of materials to be used on their property via the Datasheet link listed above.

ARBITRATION

Any dispute, controversy or claim arising out of or relating to this agreement or the breach thereof, the work performed by SavATree for you, and/or any commission or omission by SavATree, shall be submitted to and determined by arbitration before a single arbitrator pursuant to the Commercial Rules of the American Arbitration Association. The arbitration shall be held at the American Arbitration Association office closest to the site at which SavATree performed the underlying services for you. The arbitration award shall be final and binding. Judgment on the award may be entered in any Court having competent jurisdiction thereof.

CUSTOMER REFERRAL PROGRAM

Word of mouth is our best advertising. When you are satisfied with our services, please tell a friend. Each time you refer a new customer to us who meets with an arborist, we will send you a thank you gift.

OUR UNCONDITIONAL GUARANTEE

Should our service fall short of your expectations, please contact us immediately and we will do everything we can to make it right

	General Fund	Transportation Improvement Fund	Capital Reserve Fund	Debt Service Fund	Other Nonmajor Funds	Total Governmental Funds
Revenues						
Taxes	\$ 10,530,104					\$ 10,530,104
Licenses and permits	319,546					319,546
Fines and forfeits	72,809					72,809
Interest and rents	199,075	\$ 82,510	\$ 30,572	\$ 6,048	\$ 64,522	382,727
Intergovernmental	675,500	80,000	26,100	-	679,737	1,461,337
Charges for service	215,169	-	-	-	413,215	628,384
Miscellaneous revenue	404,496	-	3,487	-	2,950	410,933
Total revenues	12,416,699	162,510	60,159	6,048	1,160,424	13,805,840
Expenditures						
Current:						
General government	1,655,066	29,631	828,380	-	-	2,513,077
Public safety	3,237,389	-	394,957	-	-	3,632,346
Health and welfare	8,556	-	-	-	-	8,556
Public works, sanitation	33,005	-	-	-	-	33,005
Public works, highways	1,133,525	1,782,783	747,327	-	601,423	4,265,058
Public works, other services	97,022	-	-	-	82,922	179,944
Culture and recreation	1,352,916	-	79,162	-	157,184	1,589,262
Community development	60,609	-	-	-	-	60,609
Insurance and other operating	1,890,831	-	-	-	-	1,890,831
Debt service, costs of issuance	-	-	-	131,384	-	131,384
Total expenditures	9,468,919	1,812,414	2,049,826	131,384	841,529	14,304,072
Excess (deficiency) of revenues over expenditures	2,947,780	(1,649,904)	(1,989,667)	(125,336)	318,895	(498,232)
Other Financing (Uses) Sources						
Transfers, in	-	1,444,757	1,000,000	500,000	276	2,945,033
Bond proceeds	-	-	-	6,845,000	-	6,845,000
Bond premium	-	-	-	112,051	-	112,051
Sale of capital assets	-	-	168,551	-	-	168,551
Transfers, out	(2,445,033)	-	-	(500,000)	-	(2,945,033)
Total other financing (uses) sources	(2,445,033)	1,444,757	1,168,551	6,957,051	276	7,125,602
Net increase (decrease) in fund balances	502,747	(205,147)	(821,116)	6,831,715	319,171	6,627,370
Fund Balances, Beginning	7,985,283	4,581,975	1,234,279	104,959	2,177,389	16,083,885
Fund Balances, Ending	\$ 8,488,030	\$ 4,376,828	\$ 413,163	\$ 6,936,674	\$ 2,496,560	\$ 22,711,255

FERGUSON TOWNSHIP PUBLIC WORKS WEEK MAY 17 – MAY 23, 2020

Whereas, public works infrastructure, facilities and services are of vital importance to the health, safety and well-being of the people of this nation; and

Whereas, such facilities and services could not be provided without the dedicated efforts of public works professionals, employees, and administrators, representing all levels of government, who are responsible for and must design, build, operate, and maintain the transportation, water supply, wastewater systems, public buildings, and other structures and facilities essential to serve our citizens; and

Whereas, it is in the public interest for the citizens and civic leaders of this country to gain knowledge of and to maintain a progressive interest in the public works needs and programs of their respective communities; and

Whereas, the American Public Works Association has designated the week of May 17th to May 23rd to be National Public Works Week and announced the theme of *“The Rhythm of Public Works”* to challenge municipalities and their residents to “think about their communities as a symphony of essential services, working in concert to create a great place to live.”

Now, Therefore, the Ferguson Township Board of Supervisors, does hereby designate the week of May 17 - 23, 2020 as National Public Works Week in Ferguson Township; and urges all Township residents to join with the Township Board of Supervisors in recognizing the substantial contributions Public Works personnel have made to our national health and welfare.

PROCLAIMED this 4th day of May 2020.

Ferguson Township Board of Supervisors,

Steve Miller, Chairman



TOWNSHIP OF FERGUSON

3147 Research Drive • State College, Pennsylvania 16801
Telephone: 814-238-4651 • Fax: 814-238-3454
www.twp.ferguson.pa.us

TO: David Pribulka, Township Manager
Ferguson Township Board of Supervisors

FROM: David Modricker P.E., Public Works Director

DATE: April 27, 2020

SUBJECT: **AWARD OF FUEL BID FOR 2020**

Bids were opened publicly via ZOOM <https://zoom.us/j/167215967> for the fuel contract at 10:00am on Monday, April 27, 2020 and read aloud. David Modricker and Steve McDonald and Summer Krape of Ferguson Township, as well as JoJo Lambiotte of Stuck Enterprises dba Jacobs Petroleum were present. The fuel bid was advertised in the Centre Daily Times and sent out to potential bidders.

Two fuel bids were received and are summarized as follows:

Nittany Oil	\$28,702.50
Stuck Enterprises dba Jacobs Petroleum	\$27,913.50

Bids are within the current budget amount of \$110,610.00 (FTPW gasoline \$19,250 + FTPW diesel \$45,650 + FTPD gasoline \$45,710). The actual cost will depend on our consumption and the escalating wholesale price index. I recommend that the Board of Supervisors award Contract 2020-C7a, Fuel Bid, to Stuck Enterprises dba Jacobs Petroleum in accordance with their bid in the amount of \$27,913.50.

File: Contract 2020-C7a Fuel

Itemized bid summary for 2020-C7a Fuel

Nittany Oil Company										
Item	Description	Quantity	Unit	Unit Price from Supplier	UST gallon fee	Winter use fuel additive fee per gallon	Dye fee per gallon	Fixed Price Mark Up per gallon	Bid Unit Price	Total Price
1	Unleaded-Premium Minimum 89 Octane Ultra-Low Sulfur #2 Diesel	15000	Gallons	0.745	0.011			0.0625	0.8185	\$12,277.50
2	Minimum 45 Cetane	15000	Gallons	0.9975	0	0.03	0.005	0.0625	1.095	\$16,425.00
										\$28,702.50

Stuck Enterprises										
Item	Description	Quantity	Unit	Unit Price from Supplier	UST gallon fee	Winter use fuel additive fee per gallon	Dye fee per gallon	Fixed Price Mark Up per gallon	Bid Unit Price	Total Price
1	Unleaded-Premium Minimum 89 Octane Ultra-Low Sulfur #2 Diesel	15000	Gallons	0.5737	0.011			0.17	0.7547	\$11,320.50
2	Minimum 45 Cetane	15000	Gallons	0.8902	0.011	0.03	0.005	0.17	1.1062	\$16,593.00
										\$27,913.50



TOWNSHIP OF FERGUSON

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www.twp.ferguson.pa.us

TO: David Pribulka, Township Manager
Ferguson Township Board of Supervisors
FROM: David Modricker P.E., Public Works Director

DATE: April 28, 2020
SUBJECT: **AWARD OF MATERIALS BID FOR 2020 – “Aggregate and Asphalt”**

Bids were opened publicly for the aggregate and asphalt contract at 10:30 am on Monday, April 27, 2020 via ZOOM <https://zoom.us/j/248626297> and read aloud. David Modricker and Steve McDonald and Summer Krape of Ferguson Township were present. The contract was advertised in the Centre Daily Times and notice was provided to potential bidders.

Four bids were received for aggregate as summarized on the attached bid tabulation. Aggregate is bid delivered to the Township at 3147 Research Drive. Bidders were Hanson Aggregate, GOH, and Woodland Equipment (WE did not bid R-4 rock), and New Enterprise Stone and Lime.

Three bids were received for asphalt materials as summarized on the attached bid tabulation. Asphalt material is bid FOB (freight on board), meaning our trucks drive to the asphalt plant and pick it up. Therefore, the cost of our trucking is factored into the award for asphalt materials. Bidders were HRI, GOH, and New Enterprise (NE did not bid 25mm base course 10-30 mESALS).

Based on my review, I recommend that the Board of Supervisors award items 1, 2, 3, and 4 (aggregate) to Hanson Aggregate in the amount of \$10,075.00, and items 5, 6, 7, and 8 (asphalt) to HRI in the amount of \$24,520.00 all under Contract 2020-C7c, Aggregate and Asphalt.

The budget for this year's road materials including pipe, concrete, sealants as well as asphalt and aggregate is \$45,000.00. Asphalt and Aggregate bids are within the budget.

File: Contract 2020-C7c aggregate and asphalt

MS-963

Contract 2020-C7c Attachment 1

Bid Results for Asphalt and Aggregate Contract 2019-C7c

SCHEDULE OF PRICES - MATERIALS

1	2	3*	4**	Hanson aggregate		GOH aggregate		HRI bituminous, miles to plant = 18		GOH bituminous, miles to plant = 16		Woodland Equipment		New Enterprise		New Enterprise, miles to plant = 24	
				UNIT PRICE DELIVERED TO TWP.	TOTAL	UNIT PRICE DELIVERED TO TWP.	TOTAL	UNIT PRICE FOB PLANT	TOTAL	UNIT PRICE FOB PLANT	TOTAL	UNIT PRICE DELIVERD	TOTAL	UNIT PRICE DELIVERED TO TWP.	TOTAL	UNIT PRICE FOB PLANT	TOTAL
1	100	TON	2B Stone	\$13.50	\$1,350.00	\$15.00	\$1,500.00					\$15.40	\$1,540.00	\$18.30	\$1,830.00		
2	100	TON	Type AS2, Anti - Skid	\$13.25	\$1,325.00	\$17.00	\$1,700.00					\$15.25	\$1,525.00	\$21.05	\$2,105.00		
3	500	TON	2A Stone	\$11.75	\$5,875.00	\$13.00	\$6,500.00					\$12.70	\$6,350.00	\$15.80	\$7,900.00		
4	100	TON	R-4 Rock	\$15.25	\$1,525.00	\$16.00	\$1,600.00					not bid	#VALUE!	\$19.55	\$1,955.00		
5	100	TON	25mm Base Course PG64-22, <0.3 mESALS					\$48.35	\$4,835.00	\$48.00	\$4,800.00					\$54.60	\$5,460.00
6	200	TON	25mm Base Course PG64-22, 0.3 -3 mESALS					\$46.35	\$9,270.00	\$48.00	\$9,600.00					\$49.50	\$9,900.00
7	100	TON	25mm Base Course PG64-22, 10-30 mESALS					\$46.35	\$4,635.00	\$48.00	\$4,800.00					not bid	#VALUE!
8	100	TON	9.5mm Wearing, SRL L PG64-22, <0.3 mESALS					\$57.80	\$5,780.00	\$59.00	\$5,900.00					\$59.50	\$5,950.00
				\$10,075.00	\$11,300.00			\$24,520.00		\$25,100.00		N/A		\$13,790.00			
								\$12.08		\$11.05						\$18.65	
								\$6,037.50		\$5,526.39							
								\$30,557.50		\$30,626.39							

CENTRE REGION COUNCIL OF GOVERNMENTS

2643 Gateway Drive, Suite 3

State College, PA 16801

Phone: (814) 231-3077 Fax: (814) 231-3083 Website: www.crcog.net

EXECUTIVE COMMITTEE

Video Conference

April 21, 2020

12:15 PM

During the COVID-19 health emergency, to continue business operations of the COG and to ensure the safety of municipal officials and staff, the General Forum has authorized the Executive Committee to act on its behalf except in cases where a unanimous vote of the municipalities is required. As a result of the "Stay at Home" order and the requirement that non-essential business operations be closed, this Executive Committee meeting will be held via video conference. Written public comment or requests to speak to the Executive Committee for items not on the agenda and for specific agenda items below may be submitted in advance by emailing sbinkley@crcog.net

AGENDA

1. CALL TO ORDER AND ROLL CALL

Chair Elliot Abrams will convene the meeting.

2. PUBLIC COMMENTS

Members of the public are invited to comment on any items not already on the agenda (five minutes per person time limit, please). Comments relating to specific items on the agenda should be deferred until that point in the meeting. Submitted comments will be read into the record by the Executive Director at the appropriate time in the meeting.

3. APPROVAL OF MINUTES

A copy of the minutes of the April 7, 2020 special Executive Committee meeting are **enclosed**.

4. 2020 US CENSUS UPDATE: PENN STATE STUDENT ENUMERATION EFFORTS

This item is an informational update and will be provided to the Executive Committee by Charima Young, Director of Local Government and Community Relations for Penn State University on the efforts being conducted by the University to address the possible undercount situation that may occur with the 2020 US Census as it relates to the student population at Penn State due to circumstances caused by the COVID-19 pandemic. A proper and accurate count of all individuals typically living in our region on April 1, 2020, is essential to ensure that the proper funding and representation is provided to our area over the next decade.

5. DISBANDING OF THE STEERING COMMITTEE FOR THE CENTRE REGION PARKS AND RECREATION REGIONAL COMPREHENSIVE PLAN

This agenda item asks the Executive Committee to decide if it is an appropriate time to thank and disband the Steering Committee for the Centre Region Parks and Recreation Comprehensive Plan for their work and efforts.

In April 2017, Centre Region Parks and Recreation submitted a grant to the PA Department of Conservation and Natural Resources to conduct a regional parks and recreation study, focusing on improving relationships between the Agency, the Authority, and the municipalities, and determining how to improve the governmental structure, communication, and maintenance, all while improving services to the Centre Region community. The required matching funds had already been approved and were in place in the 2017 COG Budget. In early 2017, the General Forum appointed a representative from each of the six municipalities to the Steering Committee; these representatives would oversee the Centre Region Parks, Recreation, and Open Space Comprehensive Study. Halfmoon Township was invited to participate in the study even though they were not participating in the parks and recreation program at the time. Members of the committee are:

Organization	Name and Contact Info	Affiliation
State College Borough	Tom Daubert	Council
College Township	Eric Bernier	Council
Ferguson Township	Laura Dininni	Board
Halfmoon Township	Kim Hyeseon	Township Parks + Rec Board
Harris Township	Bruce Lord	Board
Patton Township	Susan Wheeler	Patton Township Staff
Centre Region Parks and Recreation Authority	Chris Hurley	Authority Representative
Centre Region Parks and Recreation Agency	Pam Salokangas	CRPR Agency Director
State College Area School District	Gretchen Brandt	Board of Directors

The first committee meeting was held in August 2017, and the DCNR grant was awarded in November 2017. During the first few months, the Steering Committee members defined the current issues facing the Agency as well as issues related to the COG, COG Committees, and Authority structure. Using the DCNR model Request for Proposal (RFP), the group began to draft and refine the study areas. During the summer of 2018, the RFP was advertised, and the Steering Committee interviewed three firms, ultimately choosing Recreation and Park Solutions/YSM Landscape Architects. In November 2018, the Steering Committee joined the consultants for the first planning meeting to begin crafting the study’s timeline and public outreach initiatives. Through the consultants’ work, the Steering Committee remained engaged

with the process by continuing to define the local challenges, provide key person contacts, participate in public meetings, discuss study content, and visualize what the future could be through a governance update.

The Steering Committee had completed the majority of its work when the draft Comprehensive Study was provided to them in December 2019 for their review. This team provided feedback on the report to the consultants and attended the January 2020 General Forum meeting where the Comprehensive Study was disseminated to the Forum members and the consultants provided an overview of the results. The Steering Committee supported the study as it then moved to the individual municipalities for review and comment. The full report was scheduled to be approved by resolution at the March 23 General Forum meeting, but due to the COVID-19 outbreak locally, that meeting was canceled, and the Executive Committee handled the approval by resolution at their March 17, 2020.

In total, this team of elected officials, parks and recreation committee members, and municipal and COG staff, attended over 25 meetings, two public meetings, read countless pages of data, and completed a project that will provide direction to the Agency for the next 5-10 years as it and the Authority begin to work through the tasks outlined in the action plan. The committee members' hard work and dedication to this project make it a well-rounded and thoughtful study that will help shape the outcomes; without their cooperation, support, and willingness to openly discuss some difficult topics, this study would not be as strong as it is. COG would like to thank the Steering Committee members for their work during this two-and-a-half-year process.

The last step for this project is to officially disband the Steering Committee. **Enclosed** is communication from the COG Chair thanking Committee members for their efforts. To proceed COG Staff recommends that the Executive Committee consider approving the following motion:

“That the Executive Committee, on behalf of the General Forum, authorizes that the Steering Committee for the Centre Region Parks and Recreation Comprehensive Plan shall be dissolved automatically, and the members thereof shall be released and discharged from duties, and responsibilities of their appreciated work and efforts effective April 21, 2020.”

6. DISBANDING OF THE EXECUTIVE DIRECTOR RECRUITMENT AND SCREENING COMMITTEE

This agenda item asks the Executive Committee to decide if it is an appropriate time to thank and disband the Recruitment and Screening Committee for their work and efforts in selecting three candidates that were presented to and considered by the Executive Committee to become the next Executive Director of the COG.

During its March 19, 2019 meeting, the Executive Committee accepted a letter of retirement from Mr. Jim Steff effective April 3, 2020.

At its May 28, 2019 meeting, the General Forum authorized establishing the Executive Director Recruitment Screening Committee and by July of 2019, the Committee had been formed and held its first meeting on July 16. Members of the Committee included:

Organization	Name	Affiliation
State College Borough	Tom Fontaine	Borough Manager
College Township	Adam Brumbaugh	Township Manager
Ferguson Township	Dave Pribulka	Township Manager
Halfmoon Township	Bob Strouse	Board
Harris Township	Nigel Wilson	Board
Patton Township	Jessica Buckland	Board
COG	Jim Steff (Non-Voting)	Executive Director

During its August and September 2019 meetings, the Committee finalized and approved a Request for Proposals (RFP) for consulting services to conduct a nationwide recruitment process for COG's next Executive Director. The RFP was distributed to 8 consulting firms and the Committee screened these proposals and interviewed several consulting firms in October.

In November of 2019, The Recruitment Committee selected a consultant (GOVHR). The firm's Project Manager, Charlene Stevens traveled to the COG on November 21 and 22 to meet with elected officials, municipal managers, regional Authority Directors, COG Agency Directors, and additional staff who report to the Executive Director. The purpose of these meetings was to identify the experience, management style, qualities, traits, and other skills the new Executive Director should have as well as the short and long-term challenges and opportunities of the position.

A total of 57 applications were received. The consultant narrowed the pool to 14 applicants and conducted video interviews with the 14 individuals. The Recruitment Committee met on January 27, to select six individuals for onsite interviews.

On February 10, 2020, the Executive Director Recruitment and Screening Committee held six interviews on February 10 and referred three candidates to meet with the Executive Committee. These candidates interviewed with the Executive Committee, Agency Directors, and senior COG staff with one applicant being referred to the General Forum for appointment.

During a special meeting of the General Forum on March 16, 2020, the following motion was unanimously approved appointing Eric Norenberg as the Executive Director of the Centre Region Council of Government as of March 16. This enabled Jim Steff to retire on schedule on April 3.

Enclosed is communication from the COG Chair thanking Committee members for their efforts.

To proceed COG Staff recommends that the Executive Committee consider approving the following motion:

“That the Executive Committee, on behalf of the General Forum, authorizes that the Recruitment and Screening Committee shall be dissolved automatically and the members thereof shall be released and discharged from all duties and responsibilities of their appreciated work and efforts effective April 21, 2020.”

7. PLANNING FOR THE IMPLEMENTATION PHASE OF THE CLIMATE ACTION AND SUSTAINABILITY PLAN

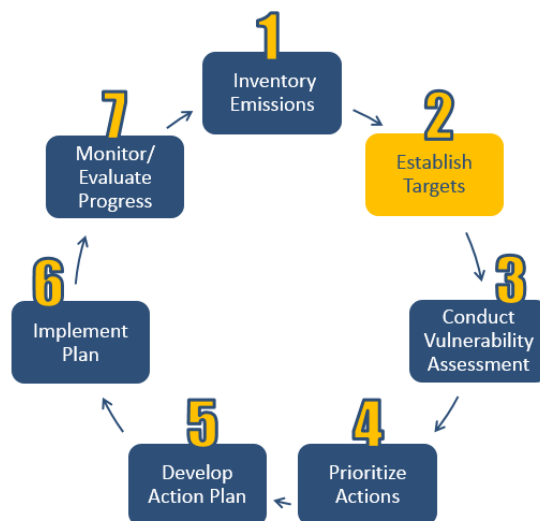
This item is an informational update and will be provided to the Executive Committee by Jim May, Centre Regional Planning Agency Director and Pam Adams, CRPA Sustainability Planner.

Enclosed is a Planning for CAAP Implementation document.

This agenda item presents information to help position the CRPA to successfully launch the implementation phase of the Climate Action and Adaptation Plan, in the second quarter of 2021. The Executive Committee is asked to provide initial direction on potential changes to the COG committee structure and receive information on two other proposed items that will facilitate the implementation of the Plan. Staff will provide several options for the Executive Committee to consider regarding the COG committee structure.

As shown in the figure below, there are seven milestones in the climate action and adaptation planning process. Currently, the PSE Committee is deliberating a GHG emissions reduction resolution which will ultimately be forwarded to the General Forum for adoption. The remainder of 2020 will be focused on conducting a vulnerability assessment and developing a Climate Action and Adaptation Plan (CAAP), milestones three through five.

7 Milestones of Climate Action and Adaptation Planning



CRPA staff believes it is important to plan now for the implementation phase of the CAAP. The strategies and actions proposed in the CAAP will require action by several COG committees in the next six to eight months. These actions include discussion of future staffing, funding, and committee oversight to support the Plan over the course of ten years of implementation.

Elected official oversight of implementation actions in the Plan should be guided by a COG Climate Action and Sustainability Committee. CRPA staff recommends that the COG consider the formation of the Committee in the first year of implementation to provide oversight of strategic and coordinated actions among the COG municipalities for immediate oversight and guidance. A strong foundation of municipal leaders committed to ensuring that mitigation and adaptation are priorities at the municipal level sets the stage for success and relevance of the CAAP going forward.

The Climate Action Committee will also actively participate by managing the interactions of municipal and COG actions and establishing region-wide policy regarding sustainability and resilience. The Committee will also help develop policies and programs that improve equity and help serve disadvantaged communities. This may include climate action, health issues as a result of changing climate, low income, and others.

Along with the formation of a new committee, the CRPA staff recommends the COG consider consolidation of the PSE and TLU Committees to strengthen oversight and coordination of major land use, transportation and infrastructure projects. The major components of public infrastructure such as water, sewer, transportation, and other facilities, along with land use policy shape the physical environment of the Centre Region and should be coordinated by one COG Committee.

The CRPA also recognizes that the last update to the COG committee structure occurred in 2009. There are a number of recent discussions regarding the status of ad hoc and standing COG Committees including: the Ad Hoc Facilities Committee, the Human Resources Committee, and the Parks Capital Committee.

To move forward, the Executive Committee should consider if the current COG committee structure and committee responsibilities fit the priorities and needs moving forward and if the committee structure and responsibilities should be amended. Some options include, but are not limited to:

1. Focused decisions regarding committee changes to address shorter-term needs. Such evaluation and recommendations could be requested to be completed by particular committees or staff.
2. Preparation of a comprehensive COG-wide study to determine if committee structure and responsibilities should be amended. This includes merger, disbanding, or formation of new committees as warranted.
3. Form two new standing committees to address climate action and facilities.
4. Other options may be proposed by the COG Executive Committee.

Staff recognizes that the COG Committees are important to the engagement and collaborative functioning of the organization, accordingly, it is important that deliberate consideration is given to this subject. We appreciate the opportunity to begin the discussion with the Executive Committee on this topic and request feedback and direction.

8. UPDATE ON LEGISLATION AUTHORIZING VIRTUAL MEETINGS DURING THE COVID-19 EMERGENCY DISASTER DECLARATION

This item is an informational update and will be provided to the Executive Committee by Eric Norenberg on material regarding state legislation authorizing virtual meetings to occur during the disaster emergency. Last week, the Pennsylvania House unanimously adopted SB841 which, amongst other provisions, authorizes local governments to conduct remote meetings during this current emergency. Staff attended a webinar on how to successfully implement and comply with the provisions of this bill and Eric Norenberg will report on this to the Executive Committee. As a result of this legislation, the Executive Committee is requested to give direction to staff to work with the Chairs of COG Committees to begin reactivating the work of Committees that was put on hold due to COVID-19. You can watch the webinar here: <https://bit.ly/2wONzlc>.

9. PROCESS FOR SELECTING A COG REPRESENTATIVE TO THE C-NET BOARD OF DIRECTORS

This item asks the Executive Committee to discuss the process for selection and making recommendations for a COG representative to the C-Net Board of Directors. C-NET's mission is to maintain and operate, on a not-for-profit basis, a government and educational access network to inform the public on subjects useful and beneficial to the community via cable television channels and internet communications, and to do all acts incidental to the operation and development of these services. For many years, Jim Steff represented the COG on the C-NET Board of Directors and served as the C-NET Board President from 1994-2003. Following his retirement, C-NET has requested a replacement Board member. The C-NET Board of Directors customarily meets on the 2nd Tuesday of the first month of each quarter at 7:30 p.m.

The C-NET Bylaws were amended within the last two years to allow each member organization to decide how long the term of their Board representative would be. Previously, the Bylaws had stated that the term was three years. Many organizations have had the same Board representative for several years while other groups make a board appointment each year.

Options to select and fill the vacancy could include:

- A. The Executive Committee could serve as a nominating committee and ask COG staff to communicate the opportunity to serve on the C-NET Board as a representative member. Request letters of interest could be submitted to the Executive Committee by way of the COG Administrative Office Manager, Scott Binkley by May 7, 2020.

- B. The Executive Committee could ask the Executive Director to serve as the COG's representative to C-NET's Board or request that he designate a staff member.

It is recommended that the appointed individual serve a 2-year term with the ability to serve multiple terms.

10. EXECUTIVE DIRECTOR'S REPORT

The Executive Director will update the Executive Committee on other items of current interest.

11. OTHER BUSINESS

- A. Matter of Record – The next meeting of the Executive Committee is scheduled for Tuesday, May 19, 2020, at 12:15 pm. It has not yet been determined if this will be an in-person or video conference meeting.
- B. Matter of Record – The small repairs at Millbrook Marsh Nature Center are complete and those repairs allowed two sections to re-open to the public. The MMNC Feasibility Study Working Group was organized in February and held an in-person meeting in early March, prior to COVID-19. They continue to meet virtually and hope to draft an RFP for the Feasibility Study sometime late spring/early summer. In addition, the \$10,000 in supplemental funding for this project has been requested from DCNR; the match is in place within the 2020 budget.
- C. Matter of Record – Enclosed is the Executive Summary for the 2016 Community Wide GHG Inventory and Methodology Report. The greenhouse gas (GHG) inventory provides estimates of GHG emissions resulting from activities and sources in 2016 for the Centre Region COG community, which includes College, Ferguson, Halfmoon, Harris, and Patton Townships and State College Borough. Centre Region COG will rely on this information to set emissions reduction targets, identify tangible actions aimed at reducing greenhouse gas emissions, and measure progress toward achieving those targets.

12. TENTATIVE AGENDA ITEMS

The next meeting of the General Forum is scheduled for Tuesday, May 26, 2020, at 7:00 pm at the Patton Township Municipal Building. It has been suggested by the COG Chair that if the meeting takes place it not be conducted at the Patton Township Municipal Building due to the size of the meeting space and to best adhere to social distancing recommendations.

13. ADJOURNMENT

CENTRE REGION COUNCIL OF GOVERNMENTS

Centre Regional Planning Agency
2643 Gateway Drive, Suite #4
State College, PA 16801
Phone: (814) 231-3050 Fax: (814) 231-3083

TRANSPORTATION & LAND USE (TLU) COMMITTEE

Zoom Meeting Platform
Monday, May 4, 2020
12:15 p.m.

AGENDA

1. CALL TO ORDER - Ms. Lafer will call the meeting to order.

2. CITIZEN COMMENTS

Members of the public are invited to comment on any items not already on the agenda (**five minutes per person time limit, please**). Comments relating to specific items on the agenda should be deferred until that point in the meeting.

3. ACCEPTANCE OF MINUTES

The minutes of the February 3, 2020 TLU Committee meeting are *enclosed*.

4. OPEN DISCUSSION FOR COMMITTEE MEMBERS

This time is provided for open discussion of issues by members.

5. ASSESSING NEW OPPORTUNITIES FOR WORKFORCE HOUSING IN THE CENTRE REGION – *presented by Nicole Pollock*

The CRPA has prepared a draft report summarizing the information collected to date and some preliminary results of the Report. The TLU Committee should receive the information, ask questions, and provide any comments to staff. There are, obviously many uncertainties in the rental market at this as time property managers, landlords, and building owners are struggling with issues from the COVID-19 pandemic. The CRPA believes it may be ineffective to continue with the Study until the student and conventional rental markets stabilize. The CRPA was able to develop some preliminary conclusions from the report which are provided below:

Preliminary conclusions:

- The premium on the sale of a single-family home with student rental permit in the Borough of State College is estimated to be approximately 25 percent or more than a comparable sale without a student rental permit.
- Many owners of student-oriented multi-family units have made substantial improvements to retain students. These improvements have increased the ability to lease units.

- Both multi-family and single-family student rental units within walking distance to campus remain highly competitive and popular with students. It appears that the rental market is weaker in “purpose-built student housing” further from campus and are less popular with students. These locations generally require private vehicles, public transit, or other types of transport for trips to school, many other university-related events, and other social events.
- Transitioning from student-oriented rentals to affordable housing rentals is complex and is at the discretion of the building owners. There does not appear to be a financial incentive for owners to convert from student-oriented projects to affordable rentals. In fact, there appears to be more of a downside risk to convert to affordable housing for owners.
- Because of the competitive nature of the student housing market and some owners’ reluctance to provide confidential information, the CRPA staff has found it difficult to obtain reliable and consistent information regarding the state of the market.
- Affordable housing organizations do not have the human or financial resources to purchase, own, or maintain single-family or multi-family affordable units to the extent that would increase affordable housing inventory in the Region beyond a few units.
- Moving forward, the CRPA has a fairly comprehensive data set that can be updated on a regular basis to keep the information current.

How the COVID-19 pandemic will influence the student and market rate rental housing is not known. The consequences will certainly evolve over the coming months and may bring lasting change to current behaviors in how people will live, work, learn, and travel in the short and long term.

Action: The TLU Committee should consider the information presented and consider a motion to either: continue the Report, defer the Report until a certain date, conclude the Report at this point, or other option as determined by the Committee.

Attachment: None.

Next Steps: CRPA Staff will proceed based upon the motion approved by the Committee.

6. COMPREHENSIVE PLAN IMPLEMENTATION PROGRAM (CHIP)
– presented by Jim May

The CRPA is proposing an abbreviated process regarding approval of CHIP projects for 2021 and 2022. The disruption to business practices, uncertainty regarding the COG budget process, unknown status of Penn State students returning, and overwhelming economic circumstances and threats to health have forced the CRPA to reinvent and reassess how we set priorities and complete our work on a regular basis. Like every business, CRPA work conditions are a consequence of federal, commonwealth, and local

conditions. As conditions evolve, we will adapt our business model to maintain best practices for employee safety and public safety while we complete work for the Centre Region municipalities.

The CRPA has three major projects either underway or beginning in 2021. These projects include:

- Completion of Act 537 Plan Special Studies from the UAJA
- Initiation of the Centre Region Comprehensive Plan Update (including Inventory and Analysis of Existing Conditions)
- Implementation of the Centre Region Climate Action and Adaptation Plan

The Agency will include projects proposed by the COG TLU Committee at this meeting and reassess projects at the next joint meeting with the CRPC in October 2020. As the Region begins the economic recovery from the COVID-19 Pandemic, the CRPA may be requested to complete other projects that support efforts to support business development in the community. The Agency will need to maintain some flexibility to take on these projects as necessary.

A brief summary of the work is outlined below:

Completion of Act 537 Plan Special Studies from the UAJA

These projects include:

1. Meeks Lane Pump Station Special Study
2. Scott Road Pump Station and Bristol Avenue Interceptor Special Study
3. Beneficial Reuse Service Area Designation Project
4. Nutrient Management Special Study (may occur in 2020 or 2021)

Initiation of the Centre Region Comprehensive Plan Update

The last comprehensive plan was adopted in November 2013 and work should commence in 2021 to complete the update in 2023 in conformance with the recommended ten-year cycle. Work includes the preparation of an Inventory and Analysis of Existing Conditions to provide data that will inform goals, objectives, and policies in the Comprehensive Plan Update.

Climate Action and Adaptation – Potential Projects

The Climate Action and Adaptation Plan is scheduled for completion in the first quarter of 2021. A potential list of specific projects is listed below:

1. Align and organize partnerships to ensure the climate action and adaptation implementation efforts are continually incorporated into municipal operations, regional policy development, and community organizations and businesses.
2. Manage the implementation, tracking, and reporting of the strategies and actions from the Climate Action and Adaptation Plan
 - a) Provide annual progress reports.
 - b) Complete next GHG emissions inventory in 2021/22 for 2020.
 - c) Develop funding strategies needed to support actions.

3. Coordinate a climate action and climate adaptation public outreach program through a multi-channel approach
 - a) Facilitate public education, communications, capacity building, and coordination in the community, COG, and other governmental and non-governmental organizations.
4. Identify model green zoning ordinances that incentivize energy efficiency for new buildings
 - a) Include the development of an ordinance for all new municipal buildings to meet a certain energy standard.
5. Review and develop planning, zoning, and development regulations that promote and integrate solar PV into the Centre Region
 - a) Determine allowable structures and locations, including determinations on solar farms and development of solar ready buildings (siting, roof structure, etc.)
 - b) Provide guidance and technical assistance or incentives for solar PV development on parking lots, vacant lots, buffer lands around nuisances, airport safety zones, and non-building structures.
6. Review and develop planning, zoning, and development regulations that promote smart city growth
 - a) Study best practices for parking and neighborhood designs.
 - b) Consider land use codes that require/incentivize EV charging infrastructure at multi-family and commercial developments.
 - c) Consider street standards and street classifications in the Transportation Plan that promote shared streets that incorporate infrastructure for people walking, biking, and riding mass transit.
 - d) Consider a land use code with a “Pedestrian Places” component, which encourages the creation of walkable mixed-use areas that encourage walking, bicycling, and transit use.
7. Develop a comprehensive plan for waste reduction and management in Centre Region
 - a) Reduce waste going to the landfill by X% (amount should be defined in the CAAP process).
 - b) Commercial (80% of total) and residential (20%) waste will be targeted.
 - c) Next refuse and recycling contract planning needs to consider that only 1 bid was received for 2020 contract.

Attachments: None

Action: TLU Committee should consider a motion to authorize the CRPA to move forward on these projects for CHIP priority projects in 2021 and 2022.

Next Steps: The CRPA will reassess the projects at a joint meeting with the TLU Committee and CRPC in October 2020.

7. OTHER BUSINESS

- A. Matter of Record - The next TLU Committee meeting will be held on Monday, June 1, 2020 at 12:15 p.m. The meeting may be conducted virtually or in-person in the COG Building Forum Room. TLU Committee members will be informed of the meeting format prior to the meeting.
- B. Matter of Record - The CCMPO is moving forward with the public comment period for the Final Draft 2021-2024 Centre County Transportation Improvement Program (TIP). The TIP will be advertised for a 30-day comment period in early May, and a virtual public meeting is tentatively scheduled for Wednesday, May 20, 2020 from 6:00 - 7:00 pm. Details will be provided in the near future.
- C. Matter of Record - The next meeting of the CCMPO Coordinating Committee will be held on Tuesday, June 23, 2020 at 6:00 pm. Details about whether the meeting will be held virtually or in-person will be provided at a later date. Agenda items will include adoption of the 2021-2024 Centre County TIP and discussion of the Draft Long Range Transportation Plan (LRTP) 2050.
- D. Matter of Record - *Enclosed* is a letter from Governor Wolf to members of the Pennsylvania Congressional Delegation requesting that the Phase 4 emergency relief and economic recovery package include nearly 50 billion in flexible federal funding to offset state transportation revenue impacts for the next 18 months.
- E. Matter of Record - The Sustainable Communities Collaborative (SCC) and its community partners have been busy reviewing student presentations on projects ranging from architectural design to food waste reduction and GHG mitigation. The Spring Expo, where students typically showcase their projects in the State College Borough Building, will be virtual this year. The “expo floor” will open online on **May 1, 2020**, and remain open throughout the summer. Beginning May 1, please take a moment to stop by to view the collaborative projects of students, faculty and community members at www.sustainability.psu.edu/expo .

- F. Matter of Record - May is *still* Bike Month! Although it will certainly be different this year, the League of American Bicyclists (LAB) and other communities across the U.S. will still be celebrating National Bike Month in May. There are a variety of solo and virtual bike activities planned in the Centre Region. CRPA has partnered with State College Borough, Centre Region Parks and Recreation, Schlow Centre Region Library, Centre Moves, Penn State, and CentreBike on a number of events that will be held throughout the month of May. Activities new this year are Spring Bike Anywhere Friday, Bike Month Bingo, Family Bike Scavenger Hunt, and Bike Lingo Word Search. Additional information about the events can be found at www.crcog.net/bikes



The following flyers are attached:

- Centre Region Bike Month Activities: May 2020
- Centre Region Family Bike Scavenger Hunt
- Bike Month Bingo
- Spring Bike Anywhere Friday

If conditions permit, we will consider designating September 2020 as Bike Month in the Centre Region and celebrate in a more traditional way with group rides and social events.

8. ADJOURNMENT

**CENTRE REGION COUNCIL OF GOVERNMENTS (COG)
TRANSPORTATION AND LAND USE (TLU) COMMITTEE**

**Monday, February 3, 2020
12:15 p.m.
COG Forum Room**

Minutes

Transportation & Land Use Committee Members Present:

Theresa Lafer, Chair	State College Borough
Frank Harden, Vice-Chair	Harris Township
Lisa Strickland	Ferguson Township
Rob Cooper	Penn State University

Others Present:

Jim May	Centre Regional Planning Agency (CRPA)
Tom Zilla	CRPA
Trish Meek	CRPA
Mark Boeckel	CRPA
Greg Kausch	CRPA
Marcella Laird	CRPA
Anne Messner	Centre County Planning & Community Development Office (CCPCDO)
Jim Steff	Centre Region COG

1. CALL TO ORDER

Ms. Lafer called the meeting to order at 12:22 p.m.

2. PUBLIC COMMENTS

There were no public comments.

3. APPROVAL OF MINUTES

Ms. Lafer entertained a motion to approve the minutes of the January 13, 2020 TLU Committee meeting.

Motion was made by Ms. Strickland and seconded by Mr. Harden to approve the minutes of the January 13, 2020 TLU Committee meeting, as presented. The motion carried 4-0.

4. OPEN DISCUSSION FOR COMMITTEE MEMBERS

Ms. Strickland communicated that she attended a Chamber of Business and Industry of Centre County (CBICC) economic development event that was largely focused on workforce housing and staffing needs. She stated that there were representatives from across the County, and it was a very well attended event. During the table breakout sessions, there was a lot of discussion regarding workforce housing availability, finding people to be able to fill entry-level, minimum wage type of jobs within the County, and how to transport those people to those types of jobs. A big part of the discussion was about CATA bus passes and whether employers would consider providing bus passes to their employees, specifically ones that did not own a car, so that their employees had a mode of transportation to their job. This would increase ridership at CATA and would help people get to and from their jobs without the added stress of trying to find a ride. There was also discussion about promoting CATA's service to high school students, specifically in the summer months when students may have summer jobs. A high school student's bus pass is already discounted, but there may be partnerships in the private and public industry to make these bus passes free, especially in the summer

months. Ms. Strickland stated that she believes this type of conversation would be beneficial at the local municipal level as well. She explained that it is important to encourage those who can to take the bus and encourage employees in the County to provide bus passes to their employees who need them.

Mr. Kausch explained that CATA is working on a Fare and Contract study that looks at potential, new, and willing markets for new bus pass programs to increase ridership. If there are employers that would like to provide a bus pass service to their employees, they are welcome to approach CATA to discuss this.

Mr. Abrams clarified that high school students can ride the CATA loop buses for free.

Mr. Harden communicated that he also attended the CBICC event and much of the discussion at his breakout table was about the work force itself. He explained that if an employer is looking to relocate their business, the question becomes what is the atmosphere for their employees in the new location? What will the impact be on employees if a company were to move to a more urban area? Mr. Harden stated that there is a big discrepancy between the cost of living in the Centre Region and wages. Many people have said that they don't want to live in State College because of the cost of living, and the Region is losing industries because of it.

Ms. Lafer communicated that CATA should consider implementing a van program, similar to the one used in Lewistown - Mifflin County, in Phillipsburg. She stated that there are many different directions that CATA could expand in. If people are coming into the Centre Region to work, it should be easier for them to get here. If there is a desire to attract more young professionals and more industries into the Centre Region, then the Region needs to be an area that provides people options get to work without driving a car. In addition, there needs to be more affordable townhomes and apartments, as well as better ways to make single-family homes more affordable. Food pantries have grown in size and number in the last number of years and there is a problem with food security within the Region, including the student population.

In response to a comment from Mr. Abrams regarding affordable housing projects, Mr. May explained that CRPA staff just sent out a rental housing survey to over 1,500 landlords and management companies to get feedback on what trends they see in the rental housing market. CRPA staff will compile the results to get a better picture of what landlords and management companies are dealing with, and with this data, staff is hoping to find ways to create affordable housing within the rental housing market.

5. 2020 ROAD AND BRIDGE PROJECTS

Mr. Zilla stated that CRPA staff is proposing to provide an informational presentation at the February 24, 2020 COG General Forum meeting about road and bridge projects in the Centre Region and Centre County that will be under construction in 2020. The presentation will focus on PennDOT and municipal construction projects that are anticipated to result in increased traffic congestion and delays for travelers. Although many of the projects to be covered are in the Centre Region, staff will also address key projects in other areas of Centre County that will affect travel to and from the Region. In addition, staff will report about ongoing efforts to communicate information about the impacts of construction activities to the residents, visitors, employers, and businesses.

Mr. Zilla then referred to his PowerPoint and provided a brief presentation of the highway and bridge construction project in 2020 in Centre County. Projects in the Centre Region include:

- Valley Vista Drive, south bound exit ramp, bridge preservation over I-99
- Valley Vista Drive shared use path
- Atherton Street drainage/repaving
- Blue Course Drive/Bristol Avenue signal
- Blue Course Drive repaving (Ferguson Twp.)
- PSU sidewalk/utility improvements near Heister Street

- State Route 26 East College Avenue bridge preservation at Puddintown Road
- Fox Hill Road/Bernel Road intersection
- Realignment (Patton Twp.)
- Whitehall Road repaving (Ferguson Twp.)

In addition, there may be utility work on section 153 of the Atherton Street Project starting in 2020. Another project of note is Route 322 Potters Mills Gap, section B06, which will be open to traffic in late 2020, but won't be completed until early 2021.

In response to a question from Mr. Harden, Mr. Zilla explained that neither the CRPA nor PennDOT has any control over when utility companies can complete their work, specifically on the Atherton Street project. The State College Borough Water Authority (SCBWA) and the University Area Joint Authority (UAJA) will work with PennDOT to complete utility work on Atherton Street all at once, but other utility companies are not under the control of any local municipal entities.

Motion was made by Mr. Harden and seconded by Ms. Strickland to recommend that the COG Executive Committee include the 2020 Centre County Construction Projects presentation on the February 24, 2020 COG General Forum agenda. The motion carried 4-0.

6. 2020 U.S. CENSUS UPDATE

Mr. Boeckel explained that as required by the United States Constitution, the U.S. Census Bureau will be conducting the 24th decennial census of the country's population on April 1, 2020. Conducted every 10 years, the census represents a complete count of all persons in the country. In addition to providing valuable demographic and socioeconomic data, Census results help determine the number of representatives each state gets in Congress and helps inform where the federal government distributes hundreds of billions of dollars on an annual basis. Lastly, it helps elected and appointed officials plan for the future.

Over the past two years, the CRPA has been involved in several 2020 Census related programs that assist the Census Bureau in their efforts to count everyone in the right place. These programs included the Local Update of Census Addresses (LUCA) program, the Participant Statistical Areas Program (PSAP), and the New Construction Program.

Mr. Boeckel spoke to another effort by the Census Bureau, the American Community Survey (ACS), which is an annual survey conducted by the Census Bureau and replaced the long form of the decennial census. This survey provides municipal estimates in five-year intervals and can be used to calculate trends. Mr. Boeckel explained that reliability is a concern due to the margin of error; however, the ACS is the only comprehensive source of data between Census years.

Mr. Boeckel provided a detailed overview of the latest population and socioeconomic trends from the 2014-2018 ACS data, the 2010 Decennial Census data, and Centre Region Code Administration building permit data. Since 2010, the population within the Centre Region has grown by approximately 3,872 people, which equates to a 4.2% increase in 8 years. This equates to an annual growth rate of 0.51%. In comparison, the County as a whole has grown 4.8% in population within the same period. Ferguson Township saw the largest numeric growth, while Harris Township had the largest percentage growth. If the trend stays the same for 2019 and 2020, the potential Centre Region population will be 96,949 people in 2020.

Between 1920 and 1970, there was a period of high growth, while the population growth remained relatively steady between 1970 and 2010. The data shows that the growth rate from 2010 to 2018 has been the lowest over the past 120 years.

Penn State University enrollment increased by 3.2% between 2010 and 2018, which equates to an increase of 1,453 students. Within the same period, the Centre Region population grew by 4.2%. With regard to new construction, there were building permits issued to 3,828 new units between 2010 and 2018, which equates to

an 11% increase in the Centre Region housing stock. There are also several large housing projects still proposed without permits issued. In comparison, there was almost one new unit added for every new resident of the Centre Region between 2010 and 2018. Regarding change in the employment sector, there was an increase in educational services, health care, and social assistance jobs, while retail trade jobs decreased by approximately 958 persons.

The 2020 Census data will provide a definitive population count and demographic profile. If the ACS data is proven accurate, trends indicate that population growth in the Centre Region may be significantly lower than in previous decades, and the housing unit construction has outpaced population growth. The increase in housing complex developments may have significant impact on housing throughout the Region.

Ms. Lafer stated that it would be beneficial to look at housing unit construction and student population growth, given that more and more students want their own individual space to live. Mr. Boeckel stated that when results of the 2020 Census are released, it will be interesting to see if there's been a decrease in the average household size, particularly in the non-family households.

In response to a question from Mr. Abrams regarding counting students within dormitories, Mr. Boeckel stated that as far as he is aware, the Census Bureau will send address enumerations for the University dormitories right to University administration instead of to the individual units. Mr. Boeckel communicated that he will reach out to a representative at Penn State to ensure that they provide the 2020 Census with dormitory numbers. Ms. Lafer added that she believes the University must provide aggregate data of its dormitory population to the Census Bureau to ensure that no personal information has been shared.

Mr. Steff stated that this presentation was not originally proposed to be presented to the General Forum in an official capacity; however, he believes that this information is very important and that many elected officials would be interested in hearing Mr. Boeckel's presentation. He asked the Committee to consider referring this presentation to the Executive Committee for inclusion in the February General Forum agenda.

Motion was made by Mr. Abrams and seconded by Mr. Harden to recommend that the COG Executive Committee include the 2020 Census presentation on the February 24, 2020 COG General Forum agenda. The motion carried 4-0.

7. OTHER BUSINESS

The next TLU Committee meeting will be held on Monday, March 2, 2020 at 12:15 p.m. in the COG Building Forum Room.

The next meeting of the CCMPO Coordinating Committee will be held on Tuesday, February 25, 2020 at 6:00 p.m. at the Patton Township Municipal Building. Agenda items include a report from the University Park Airport Manager, a presentation from CATA about "mobility as a service", discussion of the draft fiscal constraint analysis for the new Long Range Transportation Plan 2050, and discussion of the federal and state funding outlook.

8. ADJOURNMENT

There being no further business, the February 3, 2020 meeting of the COG Transportation and Land Use (TLU) Committee was adjourned at 1:18 p.m.

Respectfully submitted,

Marcella Laird
Recording Secretary



COMMONWEALTH OF PENNSYLVANIA
OFFICE OF THE GOVERNOR

April 17, 2020

Dear Members of the Pennsylvania Congressional Delegation:

In a letter dated March 19, 2020, I outlined many of Pennsylvania's needs to respond to COVID-19, and Congress passed the Coronavirus Aid, Relief and Economic Security (CARES) Act. Pennsylvania is grateful for this action and the federal support to date. One area that the CARES Act did not directly address is the highway and bridge transportation infrastructure needs.

On April 6, 2020, the American Association of State Highway and Transportation Officials (AASHTO) sent a letter to Congressional Leadership requesting that the "Phase 4" emergency relief and economic relief and recovery package include an immediate \$49.95 billion in flexible federal funding to offset any state transportation revenue impacts over the next 18 months. If this funding is passed and distributed through the existing federal formula, Pennsylvania may potentially see an additional \$696 million in FFY 2020 and \$1.389 billion in FFY 2021. This proposed federal funding will provide immediate assistance to Pennsylvania, allow the Pennsylvania Department of Transportation to continue to operate and maintain our transportation network without disruption, and allow current transportation projects and plans to continue.

AASHTO's letter also recognizes that the current Fixing America's Surface Transportation (FAST) Act expires September 30, 2020. AASHTO has recommended that a six-year authorization act that doubles current federal spending on transportation infrastructure be considered in the coming months. In the aftermath of the economic impacts due to COVID-19, Congress must take bold and historic action to revitalize our nation's economy and secure our long-term future by enacting a robust, long-term surface transportation package that invests in highway, highway safety, transit, and passenger rail programs in every state and community across America, in addition to the immediate \$50 billion in federal backstop funding.

Thank you for your consideration of the commonwealth's support of AASHTO's \$50 billion immediate backstop proposal, as well as the longer term six-year reauthorization act. This will greatly help to improve the overall efficiency of our transportation system while bolstering and rejuvenating our economic vitality.

Sincerely,



TOM WOLF
Governor

Centre Region Bike Month Activities

HELP US CELEBRATE NATIONAL BIKE MONTH

MAY 2020

May 1-31	National Bike Challenge
May 1-31	Family Bike Scavenger Hunt
May 1-31	Bike Month Bingo
May 1-31	Bike Lingo Word Search
May 1	GOPA It's Still Bike Month Webinar
May 6	Virtual SCB Bike Chat
May 11	Virtual CentreBike Meeting
May 13	Virtual Biking in the Centre Region 101 Class



May 15 Spring Bike Anywhere Friday



RIDE | REGISTER | WIN

Ride your bike in the Centre Region and register to WIN a \$50 Freeze Thaw Cycles Giftcard



May 18	Virtual Bike Love
May 19	Virtual Centre Region Bicycle Advisory Committee Meeting
May 20	Ride of Silence

For more information, visit: www.crcog.net/bikes

MAY **>>** IS ^{Still} **<<** BIKE **<<** MONTH **>>**

The Centre Region is a Bicycle Friendly Community

CENTRE REGION

MAY 1 - 31

FAMILY BIKE SCAVENGER HUNT

Family = Solo or People Under the Same Roof

HELP US CELEBRATE NATIONAL BIKE MONTH

Ride your bike at 4 of the following 6 locations and snap a photo with your bike at each spot:

LOCATION

Millbrook Marsh Nature Center.....
 Tudek Park Butterfly Garden
 Autumn Meadow Park
 PA Military Museum
 Haugh Family Preserve
 Orchard Park

PHOTO WITH

Barn
 Butterfly Bush
 Amphitheater
 Abigail
 Silo
 Bike Repair Station

Send your favorite photo to FamBikeSH@centrebike.org for a chance to win a \$50 Weis gift card. **Info: www.centrebike.org**

To help avoid exposure to COVID-19 and still enjoy the outdoors:

- Maintain at least six feet from other individuals.
- Don't recreate in groups – adhere to social distancing



MAY **>>** IS ^{still} **<<** BIKE **<<** MONTH **>>**

The Centre Region is a Bicycle Friendly CommunitySM

BIKE MONTH | BINGO!



HELP US CELEBRATE NATIONAL BIKE MONTH

Watched a video on bike repair	Biked in the rain	Participated in a Centre Region Bike Month event	Rode some place I'd never been before	Added air to my tires
Biked at least 5 miles in one day	Encouraged a friend to start riding	Visited www.centrebike.org	Rode in a park	Read the PA Bicycle Driver's Manual
Decorated my helmet for bike month	Attended a virtual Bike Month meeting	FREE SPACE	Did an ABC Quick Check	I'm a member of CentreBike
Rode on a trail	Watched a video about fixing a flat	Posted a photo of my bike on social media	Visited www.crcog.net/bikes	Checked my lights
Visited www.bikeleague.org	Watched a video on how to lock your bike	Lubed my chain	Visited www.CRPR.org	Rode on May 15- Spring Bike Anywhere Day



Send a photo of you and your Bingo Card to bmb@centrebike.org
 You can win 1 of 3 - \$25 gift cards to a local bike shop



MAY **»»** IS *still* **««** BIKE **««** MONTH **»»**

The Centre Region is a Bicycle Friendly CommunitySM

Spring Bike Anywhere Friday

May
15



RIDE | REGISTER | WIN

Ride your bike to work, school, shop, eat or for fun in the Centre Region and register to WIN a \$50 Freeze Thaw Cycles Giftcard



Register at:
www.crcog.net/bikes
or use the QR code



The Centre Region
is a Bicycle Friendly
CommunitySM



CLIMATE ACTION AND ADAPTATION TECHNICAL ADVISORY GROUP (TAG) AGENDA

Monday, April 20, 2020
8:30 AM

As a result of the “Stay at Home” order and the requirement that non-essential business operations be closed, the TAG will hold its meeting via video conference. Written public comment or requests to speak to the TAG for items not on the agenda and for specific agenda items below may be submitted in advance by emailing padams@crcog.net.

1. CALL TO ORDER – Ms. Robinson will convene the meeting.
2. PUBLIC COMMENT – For items not on the agenda.
3. COMMITTEE ITEMS

A. *Enclosed* is the meeting summary for the March 16, 2020 TAG meeting.

4. TAG SCHEDULE FOR 2020

At its March 16, 2020 meeting the TAG agreed that a Google document would be a good way for the members to collectively identify subject matter experts to join the conversation at future meetings to help identify best practices in the following categories: buildings, transit, land use, community design, energy, water, agriculture and solid waste.

The Google CAAP-TAG Subject Matter Expert listing can be found here:
<https://docs.google.com/spreadsheets/d/1sXoPNfdMuUOKopouGdRLRc-T4V5OydRWfh1ZeMbRSjs/edit#gid=0>.

The TAG should develop a draft schedule for each sector’s discussion so that CRPA staff can start inviting subject matter experts to join the conversation at future meetings to help identify best practices.

5. POTENTIAL ENERGY ACTION ITEMS

The TAG should provide feedback on the *enclosed* a two-page summary of potential energy action items. This overview summarizes the energy-related action items that have been identified to date. The Group should discuss if this will be helpful for gathering feedback and prioritizing input at future stakeholder and community meetings. If this document seems useful then CRPA staff will draft a summary for transportation, solid waste and agriculture. CRPA Staff suggests the summary for water (including stormwater and wastewater) action items should be created after the vulnerability assessment is completed.

The TAG should brainstorm additional items that are missing, discuss concerns and identify questions regarding the potential energy action items. The group should decide if energy subject matter experts should be invited to review, comment and add to this overview.

6. ADJOURNMENT

CLIMATE ACTION AND ADAPTATION TECHNICAL ADVISORY GROUP

March 16, 2020

8:30 a.m.

Meeting Summary

Virtual (V) and General Forum Room

1. MEMBERS IN ATTENDANCE

Brandi Robinson (V) – Chair, Peter Buckland (V) – CoChair, Pam Adams, Franklin Eagan (V), Alan Sam (V)

Others present: Jessica Chou (V), PSU student; Doug Mason; Sierra Club; Corey Miller, UAJA; Betsy Whitman (V), Patton Township/PSE Committee

2. PUBLIC COMMENTS

- None

3. COMMITTEE ITEMS

- Ms. Adams presented the results of the community GHG inventory and received mostly favorable municipal input on the target recommendations at the following meetings:

Feb 20 – College Township

Feb 26 – Patton Township

Feb 27 – Halfmoon Township

Mar 2 – Ferguson Township

Mar 5 – Centre Regional Planning Commission

Mar 9 – Harris Township

4. PROJECTS TO REACH 45% REDUCTION GOAL

- Ms. Adams explained that the draft ‘Projects to Reduce GHG Emission’s 45% from 2010 Levels’ is a high-level snapshot of potential actions to support the GHG emissions reduction goal of 45%. The action planning process involves TAG working with subject matter experts to gather more project ideas and then those ideas will be prioritized through the stakeholder/public engagement process.
- After discussion, there was consensus to include the actual 17% reduction that has been seen in the residential energy sector between 2010 and 2016. Ms. Adams will review the data to make sure that the growth portion of the emissions goal doesn’t double count the reduction.
- Suggested actions to investigate and add to the list included: more on renewable energy purchasing, procurement of land for reforestation, state level legislative advocacy and planning/zoning land use policies that can reduce sprawl.

5. TAG SCHEDULE FOR 2020

- Ms. Adams provided a brief update on the schedule for the climate action and adaptation planning process. With the GHG inventory and resolution wrapping up, she will turn her focus towards the Vulnerability Assessment, which is planned for the 2nd quarter. The TAG should plan to review her planned framework for this assessment at the April meeting.
- The TAG agreed that a Google document would be a good way for the members to collectively identify subject matter experts to join the conversation at future meetings to help identify best practices in the following categories: buildings, transit, land use, community design, energy, water, agriculture and solid waste. Ms. Adams will set up the Google file and email the link to the TAG. At its April meeting the TAG can identify the first round of people to contact.

6. OTHER BUSINESS

- Ms. Adams reviewed the '3.12.20 Draft GHG Emissions Resolution' that has removed the reference to the Paris Agreement at the request of the PSE Committee. The TAG disagreed with this action and believes it is important to keep this reference of the global commitment needed to drawdown worldwide emissions. Mr. Eagan suggested adding that Pennsylvania is part of the US Climate Alliance, which is a bipartisan coalition of 24 governors committed to reducing GHG emissions consistent with the goals of the Paris Agreement.
- Ms. Adams explained that PSE Committee requested that parkland management be included in the community GHG emissions inventory. Ms. Adams stated that the data on municipal parkland is available and will be added.

ENERGY

- ✦ *67% of the Centre Region's GHG emissions are energy related*
- ✦ *Co-Benefits: improved resiliency (shelter in place longer, less reliant on grid), reduced operating and infrastructure costs, improved indoor air quality, improved health*

1. Encourage increased building energy efficiency and conservation

A.1 Outreach to expand participation in energy efficiency programs and promote climate friendly practices in building and construction

- Support and promote C-PACE (Commercial Property Assessed Clean Energy)
- Support and promote First Energy rebate programs
- Education and Field study to test performance on newer standards (building envelope test, insulation, duct leakage). Study can help determine priorities.
- Identify and interpret energy code changes and create enforcement policies
- Identify and support an energy audit program (WPP, PennTAP, etc.)
- Create new position in Code Agency to provide outreach and implement energy programs

B.1 Implement a Benchmarking Program (Energy Star Portfolio Manager)

C.1 Identify and adopt strategies to reduce energy efficiency barriers in rent/lease properties

D.1 Garner support for businesses to create a District 2030 in the Centre Region where businesses strive toward 50% reductions in energy use, water consumption, and transportation emissions by 2030.

E.1 Support affordable housing with reduced energy costs

- Support and promote weatherization program
- Establish minimum energy efficiency standards for affordable housing program

F.1 Expand partnerships with Centre Region authorities and SCASD to support energy efficiency programs

G.1 Identify and adopt green zoning ordinances that incentivize energy efficiency

2. Support cleaner energy sources

A.2 Continue to investigate the feasibility of a Solar Power Purchase Agreement for a portion of the Centre Region municipal entities' electric consumption

B.2 Continue to expand partnerships with Centre Region authorities, SCASD and Penn State to support solar installation

C.2 Continue to support regional entities renewable energy projects. For example, the UAJA's implementation of a (2.61+__MW) solar array that will provide between 65 - 70% of its energy needs once the 2nd phase is completed.

D.2 Provide education and outreach to homeowner's associations of region's goals and advantages of solar roof installations

E.2 Identify and adopt a renewable energy increase goal per year

F.2 Review and develop permitting and inspection processes that promote and integrate solar PV

G.2 Review and develop planning, zoning and development regulations that promote and integrate solar PV

- Allowable structures and locations
- Solar farms
- Solar ready buildings (siting, roof structure, etc.)

H.2 Partner and support West Penn Power to investigate and switch to renewable energy resources

I.2 Influence and urge the State to increase the Alternate Energy Portfolio Standards.

- By 2021, Pennsylvania's electric distribution companies (EDCs) and electric generation suppliers (EGSs) must supply 8 percent of their electricity from Tier I energy sources and 10 percent from Tier II energy sources. Within the Tier I obligation, AEPS requires 0.5 percent of electricity be supplied from solar photovoltaic (PV) systems.

3. Maximize efficiency of municipal facilities, equipment and operations

A.3 Perform energy audits and benchmarking of municipal facilities to prioritize capital improvement plans and maintenance improvements.

B.3 Ordinance for all new municipal buildings to meet net energy ready standard



**Manager's Report
May 4, 2020**

1. Provided with my report is a letter from Ms. Sharon Ambrose, President of the Board of Directors of the State College Area Meals on Wheels Program, expressing appreciation for the contribution of \$3,000.00 made by the Township to provide emergency assistance in its response to the COVID-19 pandemic.
2. Staff participated in a meeting facilitated by Charima Young, Director of Government Affairs with Penn State University, describing a Centre County Community Cohort Study commissioned by Penn State Data for Action. The slides of the presentation are attached to my report as a matter of record. The study is a two-pronged measure designed to assess the impact of COVID-19 and the effectiveness of the response by Centre County residents. The University has requested the assistance of the Centre Region and county government to disseminate the survey and encourage participation.

Dave P



State College Area Meals on Wheels

P.O. Box 1235, State College, PA 16804

www.scmow.org

**Delivering Meals to the Homebound
Since 1971**

March 30, 2020


Ferguson Township
3147 Research Drive
State College, PA 16801

Dear Ferguson Township:

Please accept my sincere thanks on behalf of the clients, staff, and volunteers at State College Meals on Wheels for your emergency grant of \$3,000 during this unprecedented time of crisis. We are extremely fortunate to have a local government that can react rapidly and effectively to help sustain critical services for those in need.

Extraordinary times call for extraordinary measures. In order to best continue serving our clients while minimizing exposure of our clients and volunteers, we have changed our meal delivery format. We are now delivering multiple frozen meals and shelf-stable groceries once per week instead of five daily deliveries. However, this requires additional frozen storage and higher food costs. Not only will your grant help defray these costs, they will help offset lost income from cancellation of a major fundraiser.

Thank you for your timely and compassionate support Meals on Wheels. We are sincerely grateful.


Sharon Ambrose
President, Board of Directors

D4A4C: Data For Action

The Center County Community Cohort Study

Why Centre County?

Penn State's early action to delay the return of students has resulted in **low coronavirus transmission** due to

**Reduced population density,
Increased physical distancing,
Few introductions of infection**

These same factors are a significant financial strain on our community.

Data For Action

The apparent low rate of coronavirus transmission means that we have very little information on which to assess the public health consequences of return to operations.

The Data For Action Study will combine **virus and antibody testing** with **surveys of the impact of the pandemic** on both the **resident community** and **returning students** (*when that occurs*).

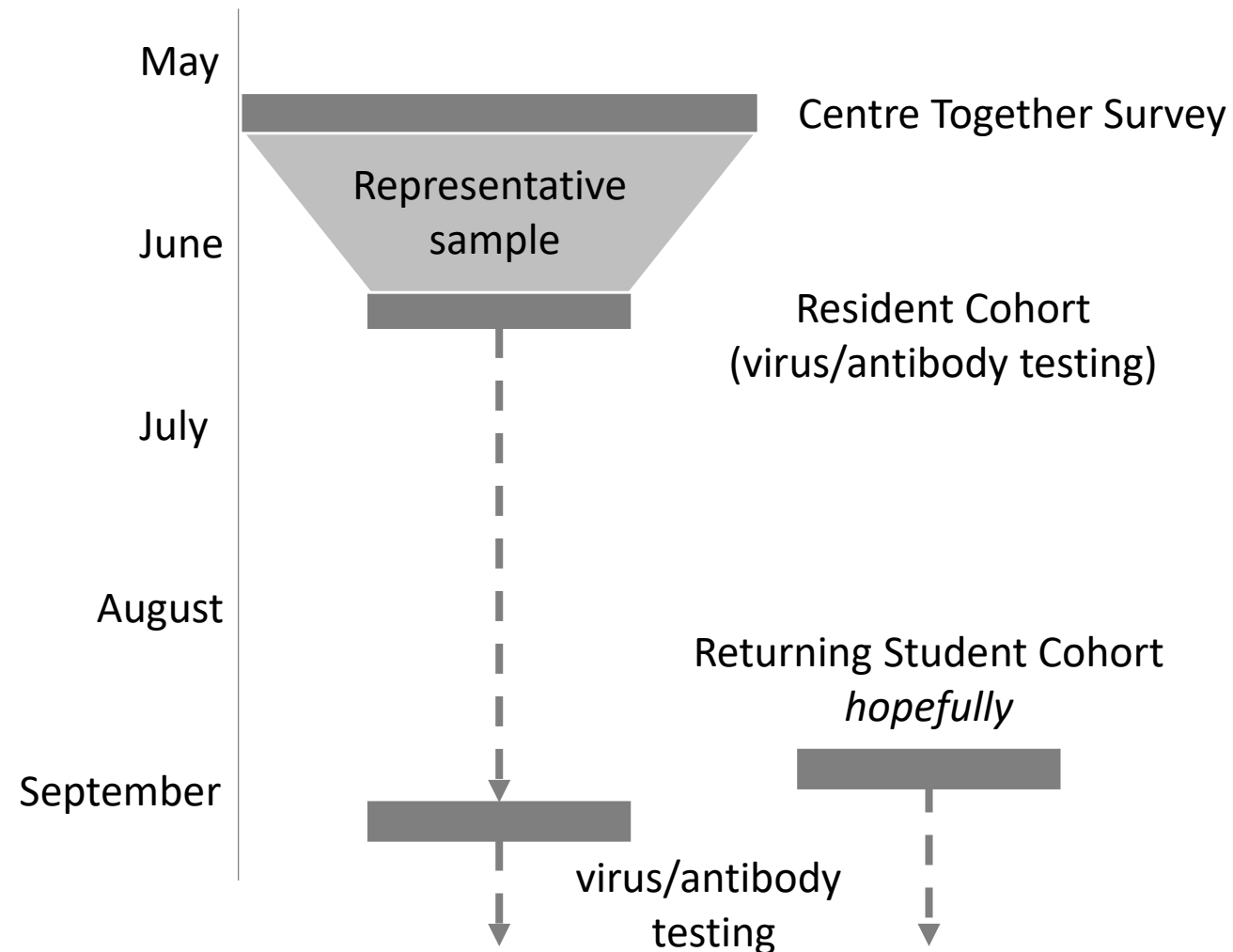
The resulting data can help to inform University and community decision-making.

The Centre Together Survey

An initial short survey of Centre County residents to assess:

- Impact of the COVID pandemic
- Compliance with “flatten the curve” interventions
- Demographics
- Interaction with Penn State campus and students

Select a sample that represents the county for inclusion in virus and antibody sampling and in-depth survey



Centre County Community Cohort

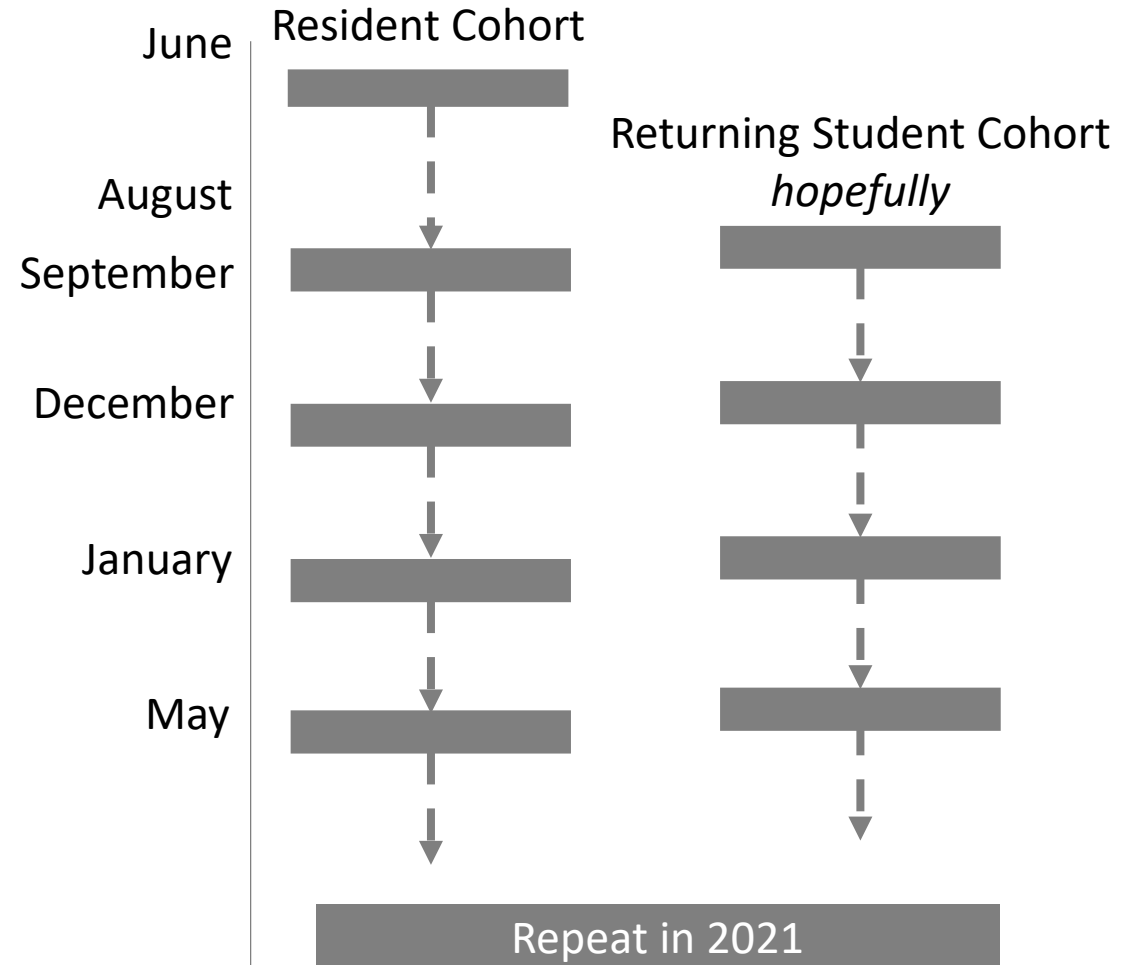
We will offer repeated testing of participants:

1. for active coronavirus infection (swabs or saliva)
2. for antibodies to coronavirus (blood/serum)

Will quantify amount of active and undetected coronavirus transmission AND duration of immunity

3. In-depth surveys about behavior and impact of coronavirus control efforts

Will identify risk categories and allow targeted communication/education efforts.



The Centre Together Survey

Initial survey with broad uptake will allow us to develop a sample that represents the County to:

1. Estimate the extent of undetected coronavirus transmission in Centre County
2. Quantify the impacts of coronavirus outbreak on community
3. Evaluate community perception of “flatten-the-curve” efforts and the return of students

Centre Together

We are asking for your help in promoting this study. The impact of this work requires that the participants:

1. are representative of the community, and
2. continue to participate throughout the year

You can help by spreading the word to your constituents and identifying community leaders that we can work with to ensure clear communication and retention of participants



TOWNSHIP OF FERGUSON

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Public Works Director's Report to the Board of Supervisors for the regular meeting on May 4, 2020

- 1. Public Works Department Activities** – Curbside brush collection and leaf collection resume on Monday, May 4th. In addition, there will be a second round of brush collection and leaf collection starting Monday, May 18th. Other activities scheduled for the road crew in May include street sweeping and roadside mowing. The crew will be working in shifts and observing COVID-19 safety protocol. The arborist will continue to work remotely as well as preform field work. The mechanics are working staggered shifts. The building custodians will return to their normal schedules which includes one day shift and one night shift. The Engineering and GIS section will continue to work remote as well as preform work in the office and conduct field work. Major engineering work for the month of May includes management of engineering consultant contracts, oversight of capital construction projects, field inspections of MS4 structures and BMPs, pavement inspections, and sidewalk inspections.
- 2. Public Works Maintenance Facility** – Site work continues in accordance with a COVID-19 work safety plan. Work for the next 3 weeks includes site excavation, preparation of the subsurface building pad, excavation for footers, tying rebar, and site utility work including stormwater, water, and sewer excavation and installation. Schedule impacts of the COVID-19 work suspension amount to approximately 22 work days. 130 work days remain as of 4/28/2020.
- 3. Stormwater Fee Study Phase 2** – Engineering staff met with our consultant to review progress on the project related to levels of service, credits, and an estimated fee. Another meeting with the consultant is planned to discuss the same matters with the manager and finance director. In addition, the team will discuss a strategy to move forward with the stormwater advisory committee and engage the public and stakeholder groups.
- 4. Arborist and Ferguson Township Tree Commission** – The Ferguson Township Tree Commission met remotely via ZOOM on April 27th. The chair of the FTTC is expected to provide a report to the BOS at the May 4th meeting.
- 5. Contract 2020-C1 Street Improvement Project (portions of Blue Course Drive and Saratoga Drive)** Improvements to sections of these two roads include inlet repairs, curb repairs, asphalt repairs and an asphalt overlay. Work on this project was awarded to New Enterprise.
- 6. Contract 2020-C2 Street Improvement Project (Dry Hollow Road, Deibler Road, portion of Whitehall Road)** – Work includes base repair, asphalt milling, and paving a new asphalt

wearing course on Whitehall Road from Timothy Lane to the County line. Some sections of guiderail will be replaced. Work on this project was awarded to New Enterprise.

7. **Contract 2020-C6 Curb and Ramp upgrades:** This is an annual contract to update and replace curb ramps on sidewalks to meet ADA requirements on roads that receive microsurfacing. Notice of award was sent to GOH.
8. **Contract 2020-C7a Fuel:** Bids were opened remotely via ZOOM on April 27th. Reference separate award recommendation memorandum.
9. **Contract 2020-C7c Asphalt and Aggregate:** Bids were opened remotely via ZOOM on April 27th. Reference separate award recommendation memorandum.
10. **Contract 2020-C8 Pavement Markings:** Each year the Township bids painting lines and legends on our roads. A dozen municipalities piggyback on this popular contract. This work was awarded to Alpha Space Control. The contractor is mobilizing to the site and work is expected to start May 4th.
11. **Contract 2020-C9 Microsurfacing:** Microsurfacing is a pavement preservation technique and a contract is let annually. The work was awarded to Asphalt Paving Systems. Administrative work is in progress. A Notice to Proceed is anticipated on June 22nd.

Contract 2020-C13 Street Tree Planting This work includes planting 43 street trees and was awarded to Luther Lawn Service LLC. Work is currently suspended due to the Governor's order. It is likely that work will either be delayed to the Fall or cancelled.



TOWNSHIP OF FERGUSON

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PLANNING & ZONING DIRECTOR'S REPORT

Monday, May 4, 2020

PLANNING COMMISSION

The Planning Commission meeting scheduled for Monday, April 27, 2020 via Zoom was cancelled.

LAND DEVELOPMENT PLANS AND OTHER PROJECTS

1. Active Plans are listed below for the Board of Supervisors (4/29/20).
 - Harner Farm Subdivision (24-004-067 and replot 24-004-067C)
 - Orchard View Subdivision (24-004-,067)
 - Whitehall Road Sheetz Land Development Plan (24-004-067)
 - Thistlewood Lot 19 (24-746-007)
2. PZ Director attended webinars on the topics of Housing, Senate Bill 841, Commercial Real Estate, Workplace Considerations for Vulnerable Populations, and the Wellbeing of Cities after COVID-19.
3. Community Planner attended the webinar on Senate Bill 841.
4. PZ Director attended the National Planning Conference hosted by the American Planning Association virtually.
5. Township Manager and PZ Director had a Zoom meeting about Pine Hall TTD.
6. PZ Director attended the Tree Commission meeting on 4/27/20.
7. Community Planner is working on an active land development plan map.
8. Community Planner is working on a red-line version of the Sign Ordinance to present to Planning Commission.
9. National Floodplain Conference is cancelled—Zoning Administrator is attending virtual trainings for certification maintenance.

UPCOMING ZONING HEARING BOARD MEETINGS

1. The Zoning Hearing Board will be meeting May 26, 2020 to review a variance request for a property at 3765 West College Avenue (RA—Rural Agricultural/ COD—Corridor Overlay District). The applicant, The Islamic Society of Central PA, is requesting a variance from Chapter 27-701; Ch. 27-701.C.1; Ch. 27-701.I; Ch. 27-701.H: Floodplain Conservation Regulations.