

6550 N. High Street  
Worthington, Ohio 43085

T: 614-436-3100

## Worthington City Council Agenda

### Virtual Meeting

Link through: [Worthington.org](http://Worthington.org)

Our Government – Live Stream

Monday, April 20, 2020 ~ 7:30 PM

### CITY COUNCIL MEMBERS

**Bonnie D. Michael**

President

**Scott Myers**

President Pro-Tem

**Peter Bucher**

Council Member

**Rachael Dorothy**

Council Member

**Beth Kowalczyk**

Council Member

**David Robinson**

Council Member

**Douglas Smith**

Council Member

### CITY STAFF MEMBERS

**Matthew Greeson**

City Manager

**D. Kay Thress**

Clerk of Council

### 1. Call To Order

### 2. Roll Call

### 3. Pledge of Allegiance

### 4. Visitor Comments

### 5. Special Presentation(s)

#### 5.A. Community Visioning Update

*Executive Summary:* Community Visioning Committee Chair Joe Sherman will provide an update on the work of the committee on the Community Visioning initiative.

### 6. Approval of the Minutes

#### 6.A. Meeting Minutes - April 6, 2020

*Recommendation:* Motion

### 7. Reports of City Officials

#### 7.A. Policy Item(s)

##### 7.A.I. Permission to Bid - 2020 Street Improvement Program

*Executive Summary:* Staff is requesting permission to advertise for bids for construction in 2020

*Recommendation:* Motion granting permission to bid the project

7.A.II. SR-161 & Linworth Road Intersection - Letter to Franklin County Transportation Improvement District

*Executive Summary:* Staff seeks a motion from City Council authorizing the City Manager to submit a letter on behalf of the City of Worthington to the Franklin County Transportation Improvement District (TID) requesting that the TID add to its list of projects and apply for Federal Attributable Transportation Funds for the intersection improvement project at SR-161 and Linworth Road.

*Recommendation:* Motion authorizing the letter to the Franklin County TID

**7.B. Information Item(s)**

7.B.I. Update on COVID-19

*Executive Summary:* Staff will provide an update on the current situation related to COVID-19. The update will focus primarily on City operations and projected financial impacts. Enclosed is a memorandum from the City Manager with Preliminary Projections – Fiscal Impact of COVID-19.

**8. Reports of Council Members**

**9. Other**

**10. Executive Session**

**11. Adjournment**



**CITY OF WORTHINGTON**  
**Worthington City Council Minutes**  
April 6, 2020

6550 N. High Street  
Worthington, Ohio 43085

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**CALL TO ORDER – Roll Call, Pledge of Allegiance**

Worthington City Council met remotely in Regular Session on Monday, April 6, 2020, via Microsoft Teams video conference. President Michael called the meeting to order at or about 7:30 p.m.

*President Michael explained how the City is using a virtual platform to hold this evening's meeting in accordance with the state's order against holding public gatherings. This is our first meeting using this arrangement. The virtual meeting is being live streamed so that the public can observe the meeting. She detailed how people can submit their comments by either email or calling in.*

**ROLL CALL**

**Members Present:** Peter Bucher, Rachael R. Dorothy, Beth Kowalczyk, Scott Myers  
David Robinson, Douglas K. Smith, and Bonnie D. Michael

**Member(s) Absent:**

**Also present:** City Manager Matt Greeson, Assistant City Manager Robyn Stewart, Law Director Tom Lindsey, Director of Finance Scott Bartter, Director of Service & Engineering Dan Whited, Director of Planning & Building Lee Brown, Director of Parks & Recreation Darren Hurley, Chief of Police Robert Ware, Chief of Fire & EMS Mark Zambito, Clerk of Council D. Kay Thress

**PLEDGE OF ALLEGIANCE**

*President Michael invited all to stand and join in reciting the Pledge of Allegiance to the flag.*

**VISITOR COMMENTS**

*There were no visitor comments.*

**APPROVAL OF THE MINUTES**

- Meeting Minutes – March 9, 2020
- Meeting Minutes – March 16, 2020

**MOTION** Mr. Bucher moved, and Ms. Kowalczyk seconded a motion to approve the March 16, 2020 meeting minutes as presented.

**The motion to approve the March 16, 2020 meeting minutes as presented carried unanimously by a voice vote.**

*Mr. Robinson explained how he read through the meeting minutes for the March 9, 2020 meeting and he believes they were rather incomplete and in a sense misleading and distorting of the dialogue. He went through and listened to the audio and typed up an essentially verbatim copy of the discussion which he has distributed to councilmembers. He would like to table the minutes and place them on next week's agenda to give members the time to review the changes.*

**MOTION** Mr. Robinson moved, and Ms. Dorothy seconded a motion to table the March 9, 2020 meeting minutes.

**The motion to table the March 9, 2020 meeting minutes as presented carried unanimously by a voice vote.**

#### **SPECIAL PRESENTATION**

- Coronavirus/COVID-19 Situation and Response

*Mr. Greeson explained that he was appreciative of the opportunity to give another update on COVID-19 and our efforts to stop the spread. We are constantly updating our website with new information, and he encouraged the public to check out [Worthington.org](http://Worthington.org) for facilities access and links to organizations like the Centers for Disease Control and Columbus Public Health. He explained that tonight we will begin with a briefing from our partners at Columbus Public Health and presentations from four key staff persons involved in the command structure to give updates on their activities.*

#### Dr. Mysheika Roberts – Columbus Public Health

Dr. Roberts detailed how as of 10:00 am this morning, there were 446 cases of COVID-19 in Columbus and 6 cases in Worthington. 17% of the cases in our jurisdictions required hospitalization, and 54% of our cases are female. The age range varies from 0 to 93 years old. The median age is 39 years of age. 25% of our cases are healthcare workers. To put this in perspective, there have been 4,450 cases and 142 deaths in the entire state of Ohio.

She explained how this disease is something that until December of 2019 had never been seen before in humans and we have no immunity to it. When our body sees it, it responds and likely you will get sick. Although there are carriers of the virus who are not exhibiting symptoms, others who are very healthy can get very sick and require hospitalization. Our seniors with chronic health issues who are high risk are following the advice of public health officials and staying home. Most of the cases in Columbus are between the ages of

20 and 39 years of age, who are younger adults that feel they are invincible, and continue to undertake normal activities, which has exposed them to getting sick.

She discussed how the Governor has spelled out new guidelines in the past 72 hours. She encourages everyone to stay home and only take essential trips such as going to the grocery store or seeing a doctor when the visit cannot be done via telemedicine. You should keep the number of visits outside of the home to a minimum. The CDC on April 3 recommended that individuals who are not healthcare workers should cover their face, nose, and mouth with a handmade facemask. People can spread this infection before they start exhibiting symptoms.

It is hard for people to be in the home all day, particularly as the weather starts to turn nicer. It is okay to take a walk, but make sure to do so with your own family. If you run into other people in public, make sure to keep the six feet distance between you and do not share any touching. Do not shake hands or hug. Other healthy activities you should do includes limiting your screen time or watching the news in particular. It can be overwhelming to hear about the things happening on the news. Limit yourself to movies or games or other fun things that do not weigh you down and remind you of everything going on in the world. Our mental health is just as important as our physical health.

You may feel like there are a lot of things that we are unable to control now because we have been told to stay at home. We must work from home. We cannot go to our favorite restaurants or bars to enjoy socializing with friends. But you can control what time you wake up every day and what you eat. You can control who you choose to call and catch up with. Try to think about the things you can control and help yourself by giving structure to your day with those things. Also think about all the positives in your life such as your health, families, friends, and home. Exercising, meditation, and mindfulness can all help our mental health. When you can incorporate that into your daily activity, it will be good for your mental health as well.

*Ms. Kowalczyk explained how we have not seen the worst of this yet and are expecting a surge. She said she would be interested in hearing about our capacity in terms of our healthcare system to be prepared in Central Ohio. We are hearing nightmare stories from New York and other places that have been hit hard who do not have everything that they need. Dr. Roberts responded that the models say that we could expect a peak of cases in Ohio anytime between mid-April to late-April. However, the Ohio Department of Health Director Acton has said that it is obvious the work we have been doing in Ohio with our social distancing and staying at home. As a result, our surge may be much smaller than we anticipated. Our capacity here locally, we have four excellent healthcare systems in Central Ohio between Nationwide Children's, Mount Carmel, Ohio Health, and Ohio State. All four work extremely well together and that is an advantage. Currently our hospitals are at anywhere between 50-60% of capacity. They have the room to be able to take on more patients. Our hospitals made some good decisions several weeks ago to limit the people in the hospital by canceling elective surgeries. In terms of equipment, we feel good about our numbers of ventilators and personal protective equipment (PPE). We have a unified plan in Franklin County, so if our hospitals go over capacity with too many*

*patients, all the hospitals are going to collectively use the convention center as a location for overflow patients. She is confident in our mitigation numbers, and that will steer us from the significant impact like that of a New York City.*

*Ms. Kowalczyk mentioned the need for PPE in nursing facilities and homeless shelters and asked how the best way would be to distribute donated masks. Dr. Roberts explained that if people have homemade masks, those can be shared with friends and neighbors. If they have large quantities of masks, our Franklin County Emergency Management and Homeland Security Agency would be more than happy to accept those. They do have a process in place to accept donations.*

*Ms. Dorothy asked about the need for everyone to begin wearing homemade masks and how long we should anticipate having to wear them. Dr. Roberts responded that the purpose of everyone wearing a mask is, so you do not unknowingly spread the virus to others. A mask should be used by one individual at a time and washed daily in a washing machine with hot water. If you are sick and think you have COVID-19, you should be staying at home and not going on errands wearing a mask under the assumption you are not spreading it.*

*Mr. Bucher asked to be walked through the process someone should follow if they are not sure if they have symptoms or are unsure if they have contracted COVID-19. He wondered what are the boxes that should be checked before going to an emergency room or something along those lines. Dr. Roberts explained that if you are symptomatic, you should call your healthcare provider first. Almost every healthcare provider has a system in place where they can triage you over the phone and determine what is the best course of action for you. Depending on the severity of the symptoms, they may advise you to go to the emergency room or call 911. If your symptoms are not too severe, they can try to get you tested as an outpatient. It depends on your age and what other medical conditions you personally might have. If you do not have a healthcare provider, or cannot get in touch with them, she recommends calling 614-645-1519 to speak with one of their nurses who can help you figure out what is the best approach depending on your symptoms. Only 17% of our COVID-19 patients have needed to be hospitalized and most can manage this disease at home with supportive care. If you think you have been exposed, you need to quarantine and stay away from people for 14 days from the time you were exposed.*

*Mr. Greeson described how he has recently been using the term "Incident Command" in the course of discussing the pandemic. It is a nomenclature for a system that most governments use in regular times during something such as a fire, but in abnormal times during emergencies to manage a complex emergency event. Emergencies know no departmental boundaries and often departmental structures are not the best at managing the emergency. We have been in incident command for several weeks now and we are going to use that framework to provide the remainder of the report. Tonight, he is asking three directors involved in the operational section to provide a report. These directors during this emergency are the most publicly facing activities and departments.*

*Chief Ware described how the Division of Police is still here and they are working hard to keep the community safe. In order to do so, they have had to make some adjustments. They have closed the Police Department building to all public access. You should call if you have any business dealings with the Police Department, and they will direct you to the appropriate person to help with your needs. That includes things such as public records requests, signatures on licenses and permits, and anything of that nature. When you call, our communications technicians are going to try to handle everything as much as possible. We pride ourselves on having our officers available in our neighborhoods, but during this emergency we are going to limit the amount of face to face contact. If it is a routine call we can handle over the telephone, we are going to handle that over the telephone. If it is a call that does not require having an officer come to your house, we are going to handle it using alternative methods. We do not want to come to your house unless it is necessary. If our officers do have to go to a house, they will be wearing masks and other additional protective equipment.*

*He explained how we are partnering with Columbus Public Health to do a variety of things. One is to make sure that we are enforcing businesses that have been closed, parks that have been closed, or any other facilities that are not supposed to be used by the public during this emergency. It is very important if you see sports facilities, parks, and playgrounds closed, and if there is signage or other barriers preventing their use, obey it. It is there to prevent the spread and protect our young people from transmitting the disease to more vulnerable populations. Their job is to try to educate and be diplomatic, but if problem areas persist, they may have no choice but to take enforcement action, which is the last thing they want to do in our community at this time. He emphasized how it is the young people who are getting sick and can spread this.*

*Chief Zambito described that the Division of Fire and EMS has been training and updating personnel as the incident quickly evolves. They are getting new information consistently through each day and learning more about it. They are working with Medical Director Douglas Rund on alternative EMS protocols since they need to change the way they usually do business right now. We have decided to spread crews between two different firehouses to help prevent firefighters and police officers from getting sick from each other. So, a crew has been sent to the Community Center which is functioning as a fire station. Operationally, they have changed the ways they do things to protect paramedics and residents. One paramedic goes into a home at a time. They are wearing full PPE, including eye mask protection, gloves, and a gown if the call warrants that protection. Once the patient has been assessed, other team members will be called in to assist in treating the patient.*

*They have done a lot of research over the past couple weeks thanks to Captain Craig, and they learned that when responding to fire alarms, especially in a place such as a nursing home, they do not want to carry something in there. So, the firefighters are going to send in one to check the alarm panel, and that person will wear a mask to prevent the spread of germs. They have done extra station cleaning. Our Service Department is doing a phenomenal job coming in and cleaning the high hazard or high traffic areas. They are*

*there every day no matter the day of the week. They have also added a weekly professional deep cleaning of both front-line medic units and four of our police cruisers.*

*We are also monitoring and communicating with peers across the country, asking them how they are handling this. We have talked to some folks in hard hit areas. We are learning a lot from them. If we were to get into a difficult position, we are that much more prepared to handle a surge.*

*Ms. Kowalczyk asked how the Division of Fire and EMS is doing on PPE currently. Chief Zambito responded that they are in decent shape. They have several items on order and they are changing their practices everyday to preserve them. For those basic runs that they used to not use PPE on, they are now. When they wear latex gloves or gowns, those are thrown away immediately. Ms. Kowalczyk followed up and asked if the Division is seeing an increase in runs as a result of the virus, specifically referencing the four nursing homes in the Worthington area. Chief Zambito explained that counterintuitively, the call volume is down 22% compared to the same past three weeks in 2019. That is the same across the board in Ohio. People are seeing what is going on elsewhere and taking precautions. For normal medical emergencies, people are calling their physician who is telling them to stay home. We have had an uptick in bicycle accidents on the jogging trail with so many people getting outside with cabin fever.*

*Mr. Hurley explained how with the nicer weather, we have seen increased activity in the parks with a lot of people wanting to get outside of the house. Since the Department of Health issued their orders to close the playgrounds, we have continued to monitor our other park amenities. That led us to close additional amenities, including the pickleball, tennis, and basketball courts, the skatepark, sports fields, and most recently the dog park. Over the past weekend at the dog park we observed as many as 50 cars there at a time and it was a challenge for folks to keep distance there. For the most part residents are observing the closures. Last week prior to the weekend that was going to have great weather, we did a video on social media trying to encourage people to get out in the open spaces and on the trails appropriately. We have tried to work in sync with our neighboring jurisdictions to make decisions.*

*The Griswold Center and Community Center have been closed for multiple weeks. Our staff is working with members and program participants to work on refunding and rescheduling. We are doing a good job to maintain readiness to come back when the restrictions are lifted so that the community does not have to wait to enjoy services. Staff are working hard to stay connected to members at the Griswold Center. Staff have been taking names and making phone calls and checking in to see how people are doing. If they have unmet needs, we are trying to connect them to the right service providers. We will cycle through the list several times.*

*We have a great creative team working on Remote Recreation on social media. There are staff, instructions, and volunteers creating fitness, games, crafts, and other things you can do in the back yard. Since March 17, we have posted three a day. Some have been classes,*

*some are staff members saying hello, and it has received a lot of positive feedback. We have instructions reaching out to preschool classes as well.*

*He explained how inside the incident command structure, he heads up a community events planning group. They are not only looking at the special events the City provides, but the partners who provide activities throughout the spring and summer. We are trying to make sure we are coordinated and when we need to postpone, cancel, or reschedule events that we are on top of it.*

*Mr. McCorkle explained how he has been filling the liaison role within the incident command structure, staying in touch with community partners, stakeholders, and businesses. The liaison team consists of himself, Lee Brown, and Colleen Light. They wanted to get together with as many organizations as possible and keep them apprised of what is happening in Worthington. They have approximately 250-260 organizations they are reaching out to broken down into three separate groups. Those groups are a primary and secondary business community group and then a faith leaders' group. We wanted to be able to customize the messages to all three groups. The primary purpose of the correspondence has been to serve as a point of contact for the City, and to provide updates on City facilities, different programming, and other initiatives going on. We have provided a robust list of federal, state, and local resources that may help some of the organizations as time passes. We have asked many of these groups for updates on development projects or other changes that are happening in the community. We have been soliciting feedback on additional resources that the City could start to provide to fill some of the gaps or help folks weather the storm. Finally, we also wanted to start the dialogue with key employers to understand what the impact of COVID-19 is going to be on payroll projections for the rest of the year going into 2021.*

*It has been amazing to see folks come together. We have had an extensive list of local business offerings that was shared with the Worthington Partnership which was populated into the Experience Worthington website. There are dozens of local businesses with unique and adjusted offerings. Sew to Speak and SuperGames have been making face masks and shields for first responders. I Am Boundless has been offering mental health counseling virtually. Hyperion on Huntley Road donated PPE equipment. FC Bank hosted a discussion on the federal stimulus bill and how that can help some of our Worthington merchants. He also highlighted the drive thru farmers market. The first market had 200 orders, which has now swelled to over 900 orders as of Saturday. We are making tweaks to make sure that continues to be successful. One of the other cool partnerships has been between CoHatch and the Worthington Resource Pantry. The pantry identified that they could not keep up with all the demand and they had a lot of grocery orders to fill. CoHatch partnered with Honda who had some available drivers and shuttle vans not being utilized that they donated. Volunteers from the CoHatch and Honda communities are filling grocery orders at the Resource Pantry on Thursdays and delivering much needed groceries to those in need for porch pickup.*

*Ms. Kowalczyk asked if we are seeing an uptick in requests for help coming to the City. Mr. McCorkle answered that we have seen a little bit of an uptick in requests. It is a little*

*bit early and people do not know exactly what they need. We have heard that some businesses may not be coming back. Some smaller businesses may not survive this. He thinks they will be looking at some of the programs that the Small Business Administration (SBA) is offering, specifically the payroll protection. Right now, the effort is around educating people. We have not had any direct asks for financial assistance, but he does anticipate that will come. We have been using newsletters to constantly follow-up and to have good dialogue with some of our key businesses.*

*Ms. Kowalczyk asked about asks from residents and if we are hearing from partners about an increase in need for residents in terms of food. Mr. McCorkle responded that there have been some additional needs. One of the questions that Mr. Hurley and his team are asking people is if they need grocery delivery. He does not think there has been an overwhelming need, but there are people they are connecting to the Resource Pantry to get those deliveries. Even SuperGames is now using their vans to transport groceries from the Mid-Ohio Food Bank to the Resource Pantry and for home delivery. Mr. Linkenhoker from the Resource Pantry has shared that they have seen about a 25% increase in demand since last year.*

*Mr. Robinson asked if Mr. McCorkle has a feeling on or direct knowledge about any significant layoffs amongst Worthington employers and how many employers are essential. Mr. McCorkle replied that he has not been informed of any substantial layoffs. He and Mr. Bartter have started to reach out to some of our key businesses to understand whether that is going to happen, but it is too early to tell. The message has been that this is a painful time, but they are continuing operations and hoping to weather this storm. We are going to see a drop off, but we do not know how big that will be. Many of our businesses are essential and most of our top-10 employers are essential.*

*Mr. Greeson detailed how there are other sections within the incident command structures. He highlighted how there is a planning section that is being led by Ms. Stewart. That group is focusing on looking down the road to see the next stage of this evolving situation so that we can anticipate issues and start to make plans for them. In incident command there is also a logistics function that provides support for the operations, which is led by Mr. Oliver. Early on that logistics function was focused on trying to move many our workers to home. Mr. Oliver and his team did a remarkable job deploying all the technology, training, and handling the logistics of getting many of people able to work from home. Our finance and administration team is led by Mr. Bartter and that group is handling the financial side of this emergency, tracking expenses associated with COVID-19 and looking at opportunities for federal reimbursement or other programs the City may access. Lastly as part of the unified command there is a group working on communications headed by Ms. Brown. She has formed a team that is working with key communicators across our community. She has also worked to make sure that we are consistent in messaging and reinforcing the public health messages that Dr. Acton and Dr. Roberts would have us do.*

*Mr. Robinson asked Dr. Roberts about an earlier comment she made about a five-minute timeframe where you would consider an exposure to be recorded. He wondered why it is five minutes. Dr. Roberts explained how the five-minute rule is a CDC guidance. The*

*thought is you must be close enough, so less than six feet, for the respiratory droplets from an infected person to reach an uninfected person. The timeframe is based on how much of the virus you are likely to be exposed to during that time. The science behind that is that they feel it needs to be five minutes to get a large enough volume of the virus to be exposed.*

*Mr. Greeson addressed a question that was emailed in. He explained that the planning section under Mr. Hurley is working on community events, and we want to start communicating with all the major organizations that are organizing these events and we want to link them to good public health advice. We have the Memorial Day Parade coming up, after that is July 4<sup>th</sup> and the Arts Festival, and decisions on those events have not been made up to this point. We will talk with Columbus Public Health to get good public health guidance when working to manage those events. We are going to err on the side of caution as opposed to taking risks with the public's health. Mr. Hurley explained how we have taken an active role in prioritizing the April events. With the stay at home orders, we have been actively postponing April events. Since we are less than a month away, we have been in communication on just about every May event. We have either come up with a contingency plan or at least had initial conversations about what we would do. We have not decided about Memorial Day yet, but we are looking at options.*

## **PUBLIC HEARINGS ON LEGISLATION**

*President Michael declared public hearings and voting on legislation previously introduced to be in order.*

### **Ordinance No. 13-2020**

Amending Ordinance No. 45-2019 (As Amended) to Adjust the Annual Budget by Providing for an Appropriation from the Capital Improvements Fund Unappropriated Balance to Pay the Costs of the Community Center Pools Resurfacing Project and all Related Expenses and Determining to Proceed with said Project. (Project No. 706-20)

**The foregoing Ordinance Title was read.**

*Mr. Greeson detailed how staff is asking to table this ordinance because we did not receive any bids for the replacing of the Diamond Brite surface on portions of the Community Center pool.*

### **MOTION**

Mr. Smith made a motion to table Ordinance No. 13-2020. The motion was seconded by Mr. Myers.

**The motion to table Ordinance 13-2020 passed unanimously by a voice vote.**

**Ordinance No. 14-2020**

Amending Ordinance No. 45-2019 (As Amended) to Adjust the Annual Budget by Providing for Appropriations from the General Fund Unappropriated Balance and to Authorize the City Manager to Enter into a Settlement Agreement with Dustin and Susan Mondrach.

**The foregoing Ordinance Title was read.**

**MOTION**

Ms. Dorothy made a motion to amend Ordinance No. 14-2020 to insert account number 101.1060.560989 - Legal Settlement. The motion was seconded by Mr. Robinson.

**The motion to amend Ordinance 13-2020 passed unanimously by a voice vote.**

*Mr. Lindsey overviewed how this ordinance appropriates \$50,000 to be used to maintain erosion control measures taken and to have that money available for the next 30 years. It authorizes the Finance Director, City Manager, and Law Director to take all necessary steps to make sure that the money is available for the 30-year period. The ordinance also authorizes the City Manager to sign the settlement that stems from a demand letter the City received from the attorneys representing Susan and Dustin Mondrach claiming erosion at their home. We notified our insurance carrier, Selective Insurance, of this demand letter. After extensive research with our special counsels, Selective agreed to a \$50,000 settlement to cover the damages that were being alleged by the Mondrachs. Some were actual expenses they incurred to shore up the foundation and others related to the erosion in the upper bank and potential loss in the actual value of their home.*

*He acknowledged that we received an email tonight from Kevin Stotts asking about the terms of the settlement. The actual settlement terms in addition to the \$50,000 settlement, the City had in the 2019 CIP two items related to the Rush Run lower creek. One was for some erosion control work in the form of lower slope repair in the amount of \$31,000 that was appropriated. The settlement indicated the City will move forward with those repairs. In addition, there was an engineering analysis of conceptual alternatives to reduce erosion along the entire lower Rush Run that was approximately \$25,000. The City did receive the results of that study, which was shared with Council earlier this spring and a presentation will be given next week. The settlement as detailed earlier, also requires that the City set aside \$50,000 to maintain those erosion controls for the next 30 years. There is also standard language indicating this is a settlement by compromise and no admission of liability for other determinations of fault or responsibility of either party.*

*Mr. Lindsey explained for the purposes of this ordinance or future resolutions, because it is one that Council is taking affirmative action, he suggests that there be a roll call vote because the public does not have the opportunity to see who is speaking or not. President Michael said that she does not see a reason to do a roll call vote for resolutions unless it is not unanimous approval, then we should do a roll call.*

**There being no additional comments, the clerk called the roll on Ordinance No. 14-2020 (As Amended). The motion carried by the following vote:**

**Yes 7** Bucher, Robinson, Kowalczyk, Dorothy, Smith, Myers, Michael

**No 0**

**Ordinance No. 14-2020 was thereupon declared duly passed and is recorded in full in the appropriate record book.**

## **REPORTS OF CITY OFFICIALS**

### Policy Item(s)

- New Liquor Permit – Play CBUS

*Mr. Greeson explained how every time a business or restaurant wants to get a liquor permit; we have an opportunity to object to their filing with the Division of Liquor control. Those objections must be rooted in law and not frivolous.*

*Play CBUS is a new business that is going to occupy the old warehouse space that was previously occupied by Roadrunner. They applied for a D5 permit that allows for spirits liquor for on premise consumption only and then beer or wine and mixed beverages for on or off premises in original sealed containers until 2:30 AM. It is our custom to have our Division of Police review these applications and they found no reason for objection at this time.*

**MOTION** Mr. Bucher made a motion to not request a hearing. The motion was seconded by Ms. Kowalczyk.

**The motion passed unanimously by a voice vote.**

- Liquor Permit Request - Yappy Greek & Deli

*Mr. Greeson shared that Yappy Greek is a restaurant at the northeast gateway intersection of Worthington-Galena, Wilson Bridge, and Huntley roads. They are applying for a D1 permit for beer only for on premises consumption or original sealed containers for carry out until 1:00 AM. Staff reviewed this and have no cause for objection at this time.*

**MOTION** Mr. Smith made a motion to not request a hearing. The motion was seconded by Mr. Myers.

**The motion passed unanimously by a voice vote.**

- New Liquor Permit – First Watch

*Mr. Greeson detailed how First Watch is located at the Shops at Worthington Place. They applied for a D5J permit. The “J” denotes that it part of the community at the Shops at Worthington Place. That provided for economic development reasons, lower cost and a greater number of permits in that entertainment district to foster redevelopment at the mall. They are taking advantage of that and are asking for this permit allowing for spirits liquor for on site consumption and beer and wine in original concealed containers until 2:30 AM.*

**MOTION** Ms. Dorothy made a motion to not request a hearing. The motion was seconded by Mr. Robinson.

**The motion passed unanimously by a voice vote.**

### **REPORT OF COUNCIL MEMBERS**

*Ms. Dorothy expressed her appreciation to the everyday heroes, public safety personnel, the healthcare workers, the bus drivers, delivery and transit drivers, UBER and LYFT drivers, grocery store clerks, and many others who have been doing a great job. She wanted to thank all the frontline workers for doing such a great job throughout this pandemic.*

### **EXECUTIVE SESSION**

**MOTION** Mr. Myers moved, Ms. Dorothy seconded a motion to meet in Executive Session to discuss employee compensation.

**The clerk called the roll on Executive Session. The motion carried by the following vote:**

<b>Yes</b>	<b>7</b>	Robinson, Dorothy, Smith, Myers, Bucher, Kowalczyk, Michael
<b>No</b>	<b>0</b>	

Council recessed at 9:26 p.m. from the Regular meeting session.

**MOTION** Mr. Robinson moved, Mr. Bucher seconded a motion to return to open session at 9:51 p.m.

**The motion carried unanimously by a voice vote.**

**ADJOURNMENT**

**MOTION** Ms. Kowalczyk moved, Mr. Smith seconded a motion to adjourn.

President Michael declared the meeting adjourned at 9:51 p.m.

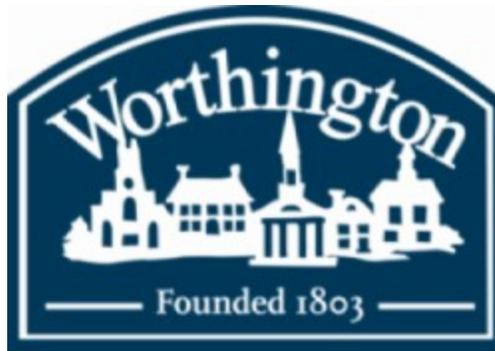
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Clerk of Council

*APPROVED by the City Council, this  
20<sup>th</sup> day of April, 2020.*

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Council President



**STAFF MEMORANDUM**  
**City Council Meeting - April 20, 2020**

Date: April 15, 2020

To: Matthew H. Greeson, City Manager

From: Daniel Whited, P.E. Director of Service & Engineering

Subject: **Permission to Bid - 2020 Street Improvement Program**

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**EXECUTIVE SUMMARY**

Staff is requesting permission to advertise the project for bid for construction in 2020

**RECOMMENDATION**

Motion granting permission to bid the project

**BACKGROUND/DESCRIPTION**

The 2020 Street Improvements Program has been assembled and is ready to bid. This year's program will include full depth repairs, mill and overlay, spot repair, extensive curb, gutter and sidewalk work along designed roadways. The program was intended to include construction of a portion of the improvements included in the McCord Park project including new pavement for trails, the removal of the cul de sac, and the new parking lot that will go to the north of the field hockey field. The City is anticipating significant revenue decreases due to the current economic situation and staff is recommending the delay of the McCord Park project. If City Council supports the park project is delayed, the McCord Park work included in the draft Street Improvement Program needs to be removed from the bid documents.

The Engineer's estimate for the Street Improvements alone is \$901,297.88. The Engineer's Estimate for the McCord Park parking lot is \$520,000, for a total of \$1,421,297.88.

In order to complete the improvement, the Service and Engineering Department is asking for permission to advertise the project for bid, with the resulting bid opening occurring at

noon on Wednesday May 6. An appropriation ordinance will be scheduled for introduction on May 4 with the public hearing set for May 18.

**FINANCIAL IMPLICATIONS/FUNDING SOURCES** (if applicable)

The 2020 Capital Improvements Program includes \$900,000 for Street Improvements and \$1,500,000 for the McCord Park Project.

**ATTACHMENTS**

Proposed Street Improvement Program  
McCord Park Renovation Plans



# Proposed 2020 Street Improvement Program

City of Worthington  
Department of  
Service & Engineering

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Proposed Improvements and Estimated Costs .....	1-4
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McCord Park Renovation .....	Attached

# *Summary of Proposed Improvements and Estimated Costs 2020 Street Improvement Program*



## *North West*

<b><i>Hayhurst St., Caren Ave. - Larrimer Ave.</i></b>	<b><i>\$4,850.00</i></b>
<i>Scope of Work: Patching</i>	
<b><i>Poe Ave., Hawthorne St. - Masefield St.</i></b>	<b><i>\$44,976.00</i></b>
<i>Scope of Work: Mill/Overlay, Curbs (spot) &amp; Sidewalks</i>	
<b><i>Stafford Ave. W., Evening St. - Oxford St.</i></b>	<b><i>\$22,536.00</i></b>
<i>Scope of Work: Mill/Overlay, Curbs (spot) &amp; Sidewalks</i>	
<b><i>Stevenson Ave., Hawthorne St. - Masefield St.</i></b>	<b><i>\$45,017.00</i></b>
<i>Scope of Work: Mill/Overlay, Curbs (spot) &amp; Sidewalks</i>	
<b><i>Total for Division</i></b>	<b><i>\$117,379.00</i></b>

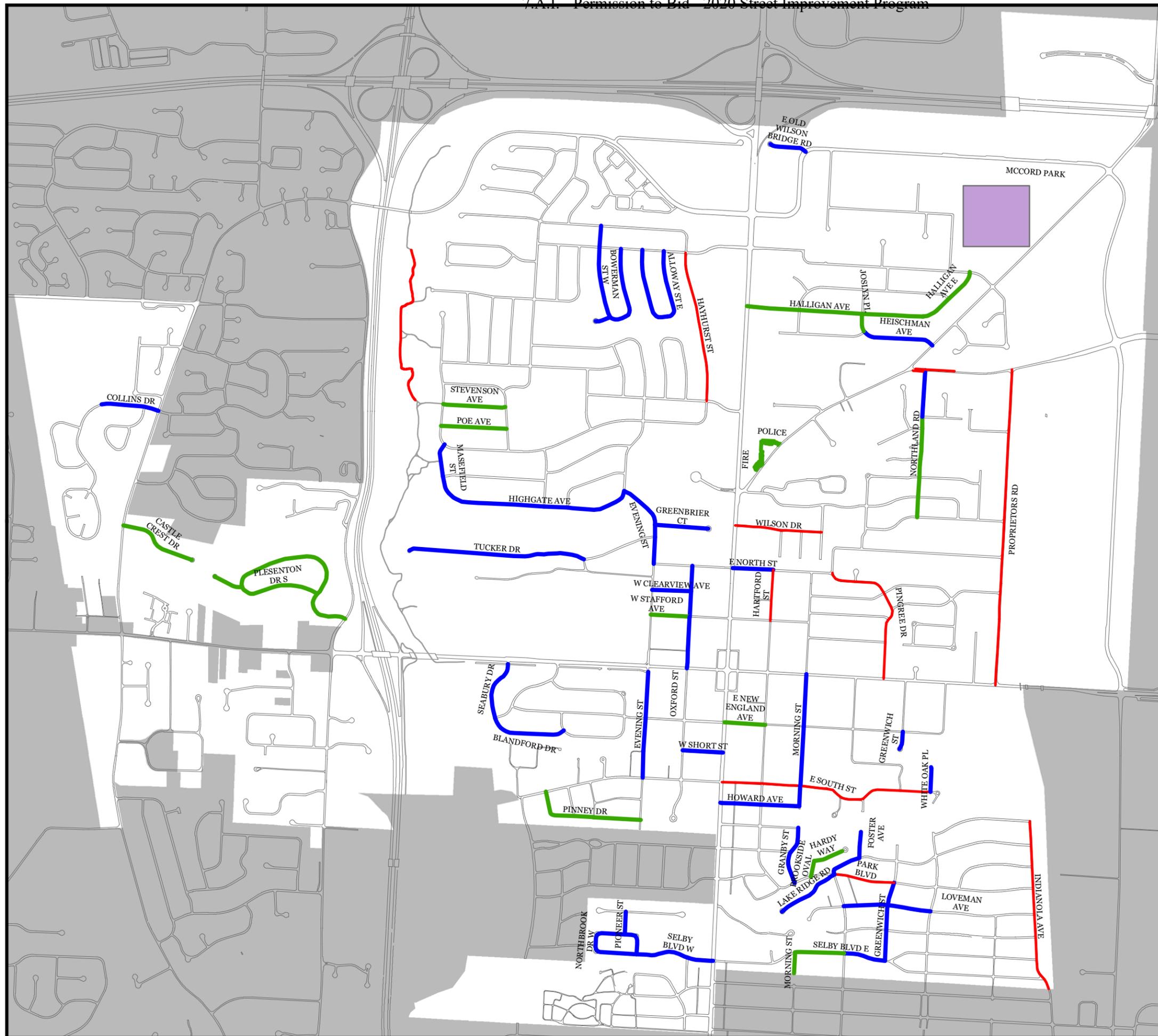
## *North East*

<b><i>Halligan Ave., High St. - E. Halligan Ave.</i></b>	<b><i>\$145,600.00</i></b>
<i>Scope of Work: Mill/Overlay, Curbs (spot), Sidewalks &amp; Inlet Repairs</i>	
<b><i>Halligan Ave. E., Halligan Ave. - Caren Ave.</i></b>	<b><i>\$34,199.00</i></b>
<i>Scope of Work: Mill/Overlay, Curbs (spot) &amp; Sidewalks</i>	
<b><i>Hartford St., North St. - Stafford Ave. E.</i></b>	<b><i>\$4,800.00</i></b>
<i>Scope of Work: Patching</i>	
<b><i>High St., Fire Station - East Parking lot</i></b>	<b><i>\$11,842.50</i></b>
<i>Scope of Work: Mill/Overlay</i>	
<b><i>Joslyn Pl., Halligan Ave. - Heischman Ave.</i></b>	<b><i>\$9,428.75</i></b>
<i>Scope of Work: Mill/Overlay, Curbs (spot) &amp; Sidewalks</i>	

<b><i>Northland Rd., Kertess Ave. - Pittsfield Dr.</i></b>	<b><i>\$59,917.00</i></b>
<i>Scope of Work: Mill/Overlay, Curbs (spot), Sidewalks &amp; Inlet Repairs</i>	
<b><i>Pingree Dr., 161 - North St.</i></b>	<b><i>\$18,650.00</i></b>
<i>Scope of Work: Patching</i>	
<b><i>Schrock Rd., HN 322 - W/G</i></b>	<b><i>\$10,780.00</i></b>
<i>Scope of Work: Mill/Overlay Paths</i>	
<b><i>Wilson Dr., Morning St. - High St.</i></b>	<b><i>\$8,100.00</i></b>
<i>Scope of Work: Patching</i>	
<b><i>Worthington-Galena Rd., Police station - Old parking lot West &amp; North</i></b>	<b><i>\$25,670.00</i></b>
<i>Scope of Work: Mill/Overlay</i>	
	<b><i>Total for Division</i></b>
	<b><i>\$328,987.25</i></b>
<b><i>South West</i></b>	
<b><i>Pinney Dr., Evening St. - South St.</i></b>	<b><i>\$36,040.00</i></b>
<i>Scope of Work: Mill/Overlay</i>	
	<b><i>Total for Division</i></b>
	<b><i>\$36,040.00</i></b>
<b><i>South East</i></b>	
<b><i>Brookside Oval E., Park Blvd. - Hardy Way</i></b>	<b><i>\$5,951.50</i></b>
<i>Scope of Work: Mill/Overlay</i>	
<b><i>Hardy Way, Brookside Oval - Cul-de-sac</i></b>	<b><i>\$19,005.00</i></b>
<i>Scope of Work: Mill/Overlay</i>	
<b><i>Indianola Ave., Park Overlook Dr. - South Corp.</i></b>	<b><i>\$7,250.00</i></b>
<i>Scope of Work: Patching</i>	
<b><i>Morning St., E. Selby Blvd. - End</i></b>	<b><i>\$10,689.00</i></b>
<i>Scope of Work: Mill/Overlay &amp; Sidewalks</i>	
<b><i>New England Ave. E., High St. - Hartford St.</i></b>	<b><i>\$28,604.00</i></b>
<i>Scope of Work: Mill/Overlay, Curbs (spot) &amp; Sidewalks</i>	

<b><i>Park Blvd., Foster Ave. - Greenwich St.</i></b>	<b><i>\$4,800.00</i></b>
<i>Scope of Work: Patching</i>	
<b><i>Selby Blvd. E., Morning St. - Foster Ave.</i></b>	<b><i>\$35,590.00</i></b>
<i>Scope of Work: Mill/Overlay, Curbs (spot) &amp; Sidewalks</i>	
<b><i>South St. E., High st. - Evergreen Cir.</i></b>	<b><i>\$13,450.00</i></b>
<i>Scope of Work: Patching</i>	
<b><i>Total for Division</i></b>	<b><i>\$125,339.50</i></b>
 <b><i>West of River</i></b>	
<b><i>Castle Crest Dr., Linworth Rd. - Cul-de-sac</i></b>	<b><i>\$30,644.00</i></b>
<i>Scope of Work: Mill/Overlay</i>	
<b><i>Plesenton Dr., Plesenton Dr, E., W, N, S &amp; Ct.</i></b>	<b><i>\$102,849.00</i></b>
<i>Scope of Work: Mill/Overlay</i>	
<b><i>Total for Division</i></b>	<b><i>\$133,493.00</i></b>
 <b><i>Arterials</i></b>	
<b><i>Dublin-Granville Rd. E., E. Corp. - High St.</i></b>	<b><i>\$1,437.50</i></b>
<i>Scope of Work: Long Line Striping</i>	
<b><i>Dublin-Granville Rd. W., W. Corp. - High St.</i></b>	<b><i>\$2,644.75</i></b>
<i>Scope of Work: Long Line Striping</i>	
<b><i>High St., S. Corp - N. Corp (Skipping Downtown)</i></b>	<b><i>\$4,817.00</i></b>
<i>Scope of Work: Long Line Striping</i>	
<b><i>Huntley Rd., Worthington-Galena Rd. - 161</i></b>	<b><i>\$2,175.58</i></b>
<i>Scope of Work: Long Line Striping</i>	
<b><i>Miscellaneous Locations, Arterials</i></b>	<b><i>\$20,000.00</i></b>
<i>Scope of Work: Patching</i>	
<b><i>Olentangy River Rd., N Corp. - S. Corp.</i></b>	<b><i>\$2,307.30</i></b>
<i>Scope of Work: Long Line Striping</i>	

<b><i>Proprietors Rd., Schrock Rd. - 161</i></b>	<b><i>\$4,200.00</i></b>
<i>Scope of Work: Patching</i>	
<b><i>Proprietors Rd., Schrock Rd. - 161</i></b>	<b><i>\$494.90</i></b>
<i>Scope of Work: Long Line Striping</i>	
<b><i>Schrock Rd., E. Corp - Worthington-Galena Rd</i></b>	<b><i>\$1,704.00</i></b>
<i>Scope of Work: Long Line Striping</i>	
<b><i>Total for Division</i></b>	<b><i>\$39,781.03</i></b>
 <b><i>Other Locations</i></b>	
<b><i>Miscellaneous Locations, Throughout the City - See workheet for breakdown</i></b>	<b><i>\$103,073.10</i></b>
<i>Scope of Work: Rejuvenation of Roads</i>	
<b><i>Miscellaneous Locations, Throughout City</i></b>	<b><i>\$10,625.00</i></b>
<i>Scope of Work: Misc. Items</i>	
<b><i>Miscellaneous Locations, McCord Park</i></b>	<b><i>\$520,000.00</i></b>
<i>Scope of Work: Park Renovations including paths, drainage and parking</i>	
<b><i>Olentangy Bikeway, Whitney Ave. - Highgate Ave.</i></b>	<b><i>\$6,580.00</i></b>
<i>Scope of Work: Path Patching</i>	
<b><i>Total for Division</i></b>	<b><i>\$640,278.10</i></b>
<b><i>Project Total</i></b>	<b><i>\$1,421,297.88</i></b>



# Proposed 2020 Street Improvement Program

- Repairs**
- Pavement Repair
  - Renovation (Mill & Overlay)
  - Asphalt Rejuvenation

# MCCORD PARK RENOVATION

333 E. Wilson Bridge Rd.  
Worthington, Ohio 43085



Location Map NTS



Columbus  
100 Northwoods Blvd,  
Ste A  
Columbus, Ohio 43235  
p 614.255.3399

Cincinnati  
20 Village Square, Floor  
3  
Cincinnati, Ohio 45246  
p614.360.3066

PODdesign.net

Project Name  
McCord Park  
Renovation  
333 E. Wilson Bridge  
Rd.  
Worthington, Ohio  
43085



Prepared For  
City of Worthington  
Parks & Recreation  
345 E. Wilson Bridge  
Rd.  
Worthington, Ohio 43085

ESTIMATE OF QUANTITIES			
These quantities have been provided only as an estimate to the scope of the work for inspection purposes only. The Contractor is solely responsible to evaluate the complete project as detailed in the notes, plans, and specifications and procedures necessary for the completion of the plan improvements and submit his total project cost accordingly. Deviation between the plans and the quantities shall not be cause for additional compensation. Submission of bid means acceptance of entire project, whether or not described in the table below. Calculated By: JCT Date: 03/27/2020 Checked By: JCT Date: 03/27/2020			
ITEM	QUANTITY	UNIT	DESCRIPTION
<b>DEMOLITION</b>			
202	13	EA	Tree Removal
202	1	EA	Catch Basin Removal
202	4525	SY	Asphalt Pavement Removal
<b>EROSION &amp; SEDIMENT CONTROL</b>			
207	2	EA	Concrete Washout
207	16	EA	Inlet Filter
207	825	LF	Silt Fence
<b>PAVEMENT</b>			
203	1	LS	Excavation & Embankment
204	4590	SY	Subgrade Compaction
301	262	CY	Bituminous Aggregate Base
304	438	CY	Aggregate Base
407	555	GAL	Tack Coat
441	127	CY	Asphalt Concrete - Surface Course
441	178	CY	Asphalt Concrete - Intermediate Course
608	2485	SF	4" Concrete Sidewalk
Spec.	649	SY	6" Pervious Concrete Pavement
Spec.	306	LF	Concrete Curb Edging
Spec.	108	CY	#57 Stone
Spec.	180	CY	#2 Stone
Spec.	1298	SY	Geotextile Filter Barrier
<b>STORM SEWER</b>			
604	1	EA	Standard Catch Basin
604	1	EA	Outlet Control Structure
604	6	EA	18" Area Drain
604	2	EA	24" Area Drain
605	555	LF	6" Pipe Underdrain
605	170	LF	8" Pipe Underdrain
901	660	LF	12" Storm Pipe, w/Type 1 Bedding

### STANDARD DRAWINGS

THE STANDARD DRAWINGS LISTED ON THIS PLAN SHALL BE CONSIDERED A PART THEREOF.

XX XX  
XX XX  
XX XX  
XX XX  
XX XX  
XX XX

### BENCHMARKS

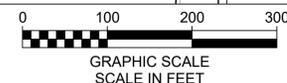
No.	Elevation	Description
1	915.78	Chiseled Square on the northwesterly corner of the first light pole south of the community center
2	916.06	Chiseled 'X' on the northeasterly flange bolt of fire hydrant located at southeast intersection of Eastview Drive and Northhigh Drive, on the South side of Eastview.
3	915.96	Chiseled 'X' on the southerly flange bolt of fire hydrant located on the North side of Wilson Bridge Road, West of the Railroad Tracks.
4	923.14	Chiseled 'X' on the southerly flange bolt of fire hydrant located on the North side of Wilson Bridge Road, East of Eastview Drive.

\*Elevations are based on NAVD 1988.

### CONTROL POINTS

No.	Northing	Easting	Elevation	Description
1	768423.26	1827619.14	921.91	5/8"x30" Iron Pin Set
2	767644.02	1827610.18	916.41	5/8"x30" Iron Pin Set
3	767484.85	1827375.62	916.10	5/8"x30" Iron Pin Set
4	767296.24	1827300.17	915.71	5/8"x30" Iron Pin Set
5	767354.56	1827129.28	914.04	5/8"x30" Iron Pin Set
6	767558.47	1827147.33	913.01	5/8"x30" Iron Pin Set
7	767740.89	1827036.80	918.39	5/8"x30" Iron Pin Set
8	767958.59	1827068.86	913.10	5/8"x30" Iron Pin Set
9	768158.57	1826843.76	915.81	Survey Nail Set
10	768655.03	1826887.89	913.01	5/8"x30" Iron Pin Set
11	768617.75	1827331.09	920.16	5/8"x30" Iron Pin Set

\*The project is based on State Plane Grid Coordinates Ohio South Zone NAD 83 with 2011 NSRS adjustment.



### INDEX MAP

1" = 100'

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MOT NOTES .....	C0.3
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DEMOLITION PLAN .....	C1.0 - C1.2
STAKING PLAN .....	C2.0 - C2.2
STAKING DETAILS .....	C2.3
STORM SEWER & GRADING PLAN .....	C3.0 - C3.2
STORM SEWER DETAILS & PROFILES .....	C3.3
SEDIMENT & EROSION CONTROL PLAN .....	C4.0 - C4.2
EROSION & SEDIMENT CONTROL DETAILS .....	C4.3

### CITY OF WORTHINGTON APPROVALS

CITY OF WORTHINGTON SIGNATURES ON THIS PLAN SIGNIFY ONLY CONCURRENCE WITH THE GENERAL PURPOSES AND GENERAL LOCATION OF THIS PROJECT. ALL TECHNICAL DETAILS REMAIN THE RESPONSIBILITY OF THE ENGINEER PREPARING THE PLANS.

DIRECTOR OF PARKS AND RECREATION, CITY OF WORTHINGTON DATE

DIRECTOR OF ENGINEERING AND SERVICE, CITY OF WORTHINGTON DATE

CITY MANAGER, CITY OF WORTHINGTON DATE

### Project Info

Project # 19061  
Date 04/10/2019  
By xx  
Scale As Shown

### Revisions

### TITLE SHEET



60% DRAWINGS  
FOR REVIEW  
NOT FOR CONSTRUCTION

SIGNATURE

DATE



NOT FOR CONSTRUCTION		KORDA	
<input type="radio"/> CONCEPTUAL DESIGN	<input type="radio"/>	KORDA: NEMETH ENGINEERING	
<input type="radio"/> SCHEMATICS	<input type="radio"/>	1650 WATERMARK DRIVE	
<input checked="" type="radio"/> DESIGN DEVELOPMENT	<input type="radio"/>	SUITE 200	
<input type="radio"/> WORKING DRAWINGS FOR REVIEW	<input type="radio"/>	COLUMBUS, OHIO 43215	
		DRAWN BY: NAL	
		DESIGNED BY: NAL	
		CHECKED BY: JCT	
		PROJECT NUMBER: 2019-0008	

C0.1

## GENERAL NOTES

### PRE-CONSTRUCTION NOTIFICATIONS REQUIRED:

THE CONTRACTOR SHALL NOTIFY THE FOLLOWING DIVISIONS AT LEAST 24 HOURS BEFORE STARTING WORK:

CITY OF COLUMBUS  
DIVISION OF PLANNING AND OPERATIONS - OPERATIONS SECTION  
(614) 645-7738

CITY OF COLUMBUS DIVISION OF WATER (614) 645-7788	CITY OF WORTHINGTON DIVISION OF SERVICE AND ENGINEERING (614) 431-2425
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### UTILITIES:

THE IDENTITY AND LOCATION OF EXISTING UNDERGROUND UTILITIES LOCATED IN AND AROUND THE CONSTRUCTION AREA HAVE BEEN SHOWN AND LABELED ON THE PLANS BY USING INFORMATION PROVIDED BY THE RESPECTIVE UTILITY OWNERS. THE CITY OF WORTHINGTON OR THE CONSULTING ENGINEER WILL NOT ASSUME RESPONSIBILITY FOR THE ACCURACY OF LOCATION OR DEPTH OF EXISTING UNDERGROUND UTILITIES AS SHOWN ON THE PLAN.

SUPPORT AND PROTECTION OF ALL UTILITIES AND APPURTENANCES SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR. COSTS FOR THE REPAIR AND RESTORATION OF EXISTING UTILITIES DAMAGED BY THE CONTRACTOR SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR. THE CITY OF COLUMBUS UTILITIES WILL ONLY LOCATE AND MARK MAIN LINE FACILITIES. THE CONTRACTOR IS RESPONSIBLE FOR LOCATING ALL SERVICE LATERAL AND LINES. COSTS ASSOCIATED WITH THE ABOVE WORK AND RESPONSIBILITIES SHALL BE INCLUDED IN THE PRICE BID FOR VARIOUS ITEMS.

PRIOR TO EXCAVATION, THE CONTRACTOR SHALL GIVE A FORTY-EIGHT (48) HOUR NOTICE TO THE OHIO UTILITIES PROTECTION SERVICE (OUPS) BY CALLING (800)362-2764. A FORTY-EIGHT (48) HOUR NOTICE SHALL BE GIVEN TO THE OWNERS OF UNDERGROUND UTILITIES SHOWN ON THE PLANS WHO ARE NOT MEMBERS OF A REGISTERED UNDERGROUND PROTECTION SERVICE.

LISTED BELOW ARE UTILITY COMPANIES THAT HAVE FACILITIES LOCATED WITHIN THE WORK LIMITS OF THIS PROJECT AND SUBSCRIBE TO OUPS.

AMERICAN ELECTRIC POWER (DISTRIBUTION) ROD SLONEKER ENGINEERING LIAISON COORDINATOR 850 TECH CENTER DRIVE CAHANNA, OHIO 43230 OFFICE: (614) 883-6817 CELL: (614) 301-4977 FAX: (614) 883-6868 AEP SOLUTION CENTER: (800) 277-2177	CHARTER COMMUNICATIONS (AKA TIME WARNER COMMUNICATIONS) JEFFREY WHATLEY CONSTRUCTION SUPERVISOR 3780 INTERCHANGE ROAD COLUMBUS, OHIO 43204 OFFICE: (614) 255-0855 CELL: (614) 679-1521
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AMERICAN ELECTRIC POWER (TRANSMISSION) MICHAEL CARR TRANSMISSION LINE PROJECT ENGINEERING 700 MORRISON ROAD CAHANNA, OHIO 43230 OFFICE: (614) 552-1893 FAX: (614) 552-1818	VERIZON BUSINESS (AKA MCI/XO) ALLAN GUEST OUTSIDE PLANT ENGINEER 120 RAVINE STREET AKRON, OHIO 44303 OFFICE: (330) 253-8267 CELL: (330) 329-5495 FAX: (330) 535-9056
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AT&T (FKA SBC) CHARLES JOHNSON MANAGER OSPE 2932 6TH STREET IRONTON, OHIO 45638 OFFICE: (740) 532-9943 CELL: (740) 710-301-4380 AT&T REPAIR SERVICE: (888) 611-4466 DAMAGE PREVENTION: (937) 296-3929	WINDSTREAM-KOL, INC. LEON TAYLOR OSPE ENGINEERING & CONSTRUCTION MANAGER 50 EXECUTIVE PKWY HUDSON, OHIO 44236 OFFICE: (330) 650-7863 CELL: (937) 725-5358
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COLUMBIA GAS OF OHIO ROB CALDWELL LEAD FIELD ENGINEERING 3550 JOHNNY APPLESEED CT. COLUMBUS, OHIO 43231 OFFICE: (614) 819-2104 CELL: (614) 370-1906 CUSTOMER SERVICE: (800) 344-4077 DAMAGE PREVENTION: (866) 632-6243	CROWN CASTLE FIBER (AKA FIBERTECH NETWORKS/LIGHTOWER) JON TARNOWSKI 470-B SCHROCK ROAD COLUMBUS, OHIO 43229 OFFICE: (585) 445-5813 CELL: (585) 485-1261 MAPPINGREQUESTS@LIGHTOWER.COM
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CITY OF COLUMBUS, DIVISION OF WATER 910 DUBLIN ROAD COLUMBUS, OHIO 43215 OFFICE: (614) 645-7788	COLUMBUS FIBERNET MATT BLACKSTONE OPERATIONS MANAGER 1600 WALCUTT ROAD COLUMBUS, OHIO 43228 OFFICE: (614) 921-8524
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CITY OF WORTHINGTON, SERVICE & ENGINEERING 380 HIGHLAND AVE. WORTHINGTON, OHIO 43085 (614) 431-2425	WOW! INTERNET CABLE & PHONE 3675 CORPORATE DRIVE COLUMBUS, OHIO 43231 COLFR@WOWINC.COM
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CITY OF COLUMBUS, DEPT. OF TECHNOLOGY DAVE MCNALLY ENGINEERING SUPERVISOR 1355 MCKINLEY AVE., BLDG. C COLUMBUS, OHIO 43222 OFFICE: (614) 645-1501 CONTRACTOR LINE: (614) 645-7756 CABLE LOCATE FAX: (614) 645-6627	CITY OF COLUMBUS DEPARTMENT OF PUBLIC SERVICE TRAFFIC MANAGEMENT 1820 EAST 17TH AVENUE BUILDING C COLUMBUS, OHIO 43219 (614) 645-7393
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CITY OF COLUMBUS SUPPORT SERVICES DIVISION - COMMUNICATIONS 4211 GROVES ROAD COLUMBUS, OHIO 43232 PHONE: (614) 724 7047 RADIO ROOM: (614) 724-4006	CENTURY LINK (AKA QWEST/LEVEL3) CHRISTOPHER R. STRAYER LEAD TECHNICAL PROJECT MANAGER 441 W. BROAD STREET PETASKALA, OHIO 43062 CELL: (303) 886-1299
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CITY OF COLUMBUS, DIVISION OF POWER  
JEFF HOLMES  
BUSINESS MANAGER  
3588 INDIANOLA AVE.  
COLUMBUS, OHIO 43214  
OFFICE: (614) 645-7360  
CELL: (614) 645-7216

### COLUMBIA GAS DAMAGE PREVENTION CENTER:

FOR INFORMATION CONCERNING COLUMBIA GAS LINES OR EQUIPMENT, OR IF DAMAGE OCCURS TO GAS LINES OR EQUIPMENT, THE CONTRACTOR CAN CALL THE COLUMBIA GAS DAMAGE PREVENTION CENTER AT (614) 280-7372 OR TOLL FREE AT (866) 632-6243.

### EMERGENCY PROVISIONS:

THE CONTRACTOR SHALL PROVIDE TO THE CITY OF WORTHINGTON PROJECT REPRESENTATIVES A LIST OF TWENTY-FOUR (24) HOUR EMERGENCY TELEPHONE NUMBERS (IN WRITING) PRIOR TO THE START OF CONSTRUCTION.

### SECURING EXCAVATIONS & TRENCHES FOR NON-WORKING HOURS:

EXCAVATIONS AND TRENCHES OVER TWENTY-FOUR (24) INCHES DEEP SHALL BE SECURELY PLATED OR BACKFILLED DURING NON-WORKING HOURS.

### CONSTRUCTION LIMITS:

THE CONSTRUCTION LIMITS SHOWN ON THESE PLANS ARE FOR PHYSICAL CONSTRUCTION ONLY. THE INSTALLATION AND OPERATION OF ALL TEMPORARY TRAFFIC CONTROL AND TEMPORARY TRAFFIC CONTROL DEVICES REQUIRED BY THESE PLANS SHALL BE PROVIDED BY THE CONTRACTOR WHETHER INSIDE OR OUTSIDE OF THESE CONSTRUCTION LIMITS.

### MISCELLANEOUS WORK ITEMS:

THE CONTRACTOR SHALL PERFORM ALL ITEMS OF WORK CALLED FOR ON THE PLANS, FOR WHICH NO SPECIFIC METHOD OF PAYMENT IS PROVIDED. THE COST OF THESE ITEMS SHALL BE INCLUDED IN THE PRICE BID FOR THE PROJECT IMPROVEMENT.

### BENCHMARKS AND SURVEY MONUMENTS:

DO NOT DISTURB ANY FRANKLIN COUNTY CERTIFIED BENCHMARKS (VERTICAL AND/OR HORIZONTAL) LOCATED WITHIN THE WORKING LIMITS OF THE PROJECT. CONTRACTOR SHALL CONTACT THE FRANKLIN COUNTY SURVEY DEPARTMENT (614)525-3026, PRIOR TO CONSTRUCTION, TO COORDINATE THE PROPER PROCEDURES FOR THE RESETTING, RELOCATION, OR REPLACEMENT OF ANY FRANKLIN COUNTY CERTIFIED BENCHMARK OR SURVEY MONUMENT.

### SAW CUTTING IS INCLUDED:

THE COST OF SAW CUTTING FOR THE REMOVAL OF PAVEMENT, CURB, WALKS, ETC. SHALL BE INCLUDED IN THE CONTRACT PRICE FOR ITEM 202 AND 203 WORK ITEMS. SAW CUTTING IS REQUIRED TO PROVIDE SMOOTH STRAIGHT EDGES FOR REMOVAL PURPOSES.

### CONTINGENCY QUANTITIES:

THE CONTRACTOR SHALL NOT ORDER MATERIALS OR PERFORM WORK SHOWN, LABELED, OR LISTED AS 'CONTINGENCY' OR REFERENCED BY PLAN NOTE TO BE USED 'AS DIRECTED BY THE ENGINEER,' UNLESS AUTHORIZED BY THE ENGINEER, OR A REPRESENTATIVE OF THE CITY OF WORTHINGTON.

### ABANDONED UTILITIES:

THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE REMOVAL AND DISPOSAL OF ANY ABANDONED UTILITY FACILITY THAT MAY CONFLICT WITH ANY FACILITY OR CONSTRUCTION ACTIVITY PROPOSED IN THESE PLANS, INCLUDING THE INSTALLATION OF PROPOSED CONDUIT, UNDERDRAIN, STORM SEWER, STRUCTURE, WATERLINE, SANITARY SEWER LINE, SUBGRADE STABILIZATION, FOUNDATIONS, ETC. THE CONTRACTOR IS ADVISED TO VERIFY THAT A UTILITY FACILITY IS ACTIVE AND IN CONFLICT, THEN THE CONTRACTOR SHALL NOTIFY THE ENGINEER PRIOR TO PROCEEDING WITH ANY AFFECTED PROPOSED WORK.

THE COST OF THE OPERATIONS NECESSARY TO REMOVE AND DISPOSE OF CONFLICTING ABANDONED UTILITIES SHALL BE INCLUDED WITH THE PRICE OF THE AFFECTED ITEM FOR PAYMENT. NO SEPARATE PAYMENT SHALL BE MADE.

### SURVEY COORDINATES:

"SURVEY COORDINATES" SHALL INCLUDE ALL MATERIAL, EQUIPMENT, AND LABOR NECESSARY TO OBTAIN HORIZONTAL AND VERTICAL (NORTHING, EASTING, AND ELEVATION) SURVEY COORDINATES FOR THE STORM SEWER IMPROVEMENTS. THE SURVEY COORDINATES SHALL BE OBTAINED FOR THE COMPLETED STORM SEWER CONSTRUCTION AND SHALL INCLUDE ALL STORM SEWER STRUCTURES (MANHOLES, CATCH BASINS, HEADWALLS, ETC.), PIPE SIZES, INVERTS, SLOPES, AND MATERIALS.

ALL SURVEY COORDINATES SHALL BE REFERENCED TO THE APPLICABLE COUNTY ENGINEER'S MONUMENTS, AND SHALL BE BASED ON THE NORTH AMERICAN DATUM OF 1983 (NAD 83) WITH THE (NSRS2007) ADJUSTMENT, WITH FURTHER REFERENCE MADE TO THE OHIO STATE PLANE SOUTH COORDINATE SYSTEM, SOUTH ZONE, WITH ELEVATIONS BASED ON NAVD 88 DATUM. ALL COORDINATES (NORTHING, EASTING, ELEVATION) SHALL BE REFERENCED TO THE NEAREST HUNDRETH (N XXXXXX.XX, E XXXXXX.XX, ELEV. XXX.XX). ALL SURVEY COORDINATES SHALL BE ACCURATE TO WITHIN ONE FOOT (1.0) HORIZONTAL AND ONE TENTH OF A FOOT (0.10) OR LESS VERTICAL.

THE COORDINATES SHALL BE DOCUMENTED TO THE MUNICIPALITY ENGINEER OR DESIGNATED REPRESENTATIVE IN DIGITAL SPREADSHEET FORM AND SHALL INCLUDE THE APPLICABLE ITEM, STATION, NORTHING, EASTING, AND ELEVATION. COORDINATES SHALL BE SUBMITTED TO THE ENGINEER ON A BI-WEEKLY BASIS. COORDINATES SHALL ALSO BE REQUIRED TO BE SUBMITTED TO THE DIVISION OF WATER AS PART OF THE REQUEST FOR CHLORINATION.

LUMP SUM PAYMENT IS FULL COMPENSATION FOR ALL WORK INVOLVED IN OBTAINING AND DOCUMENTING THE SURVEY COORDINATES AS DESCRIBED IN THIS SPECIFICATION.



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Project Name \_\_\_\_\_

McCord Park  
Renovation

333 E. Wilson Bridge  
Rd.

Worthington, Ohio  
43085



Prepared For \_\_\_\_\_

City of Worthington  
Parks & Recreation  
345 E. Wilson Bridge  
Rd.  
Worthington, Ohio 43085

Project Info \_\_\_\_\_

Project # 19061  
Date 04/10/2019  
By xx  
Scale As Shown

Revisions \_\_\_\_\_

GENERAL NOTES \_\_\_\_\_

<b>NOT FOR CONSTRUCTION</b>	<b>KORDA</b> <small>KORDA NEMETH ENGINEERING</small>
<input type="radio"/> CONCEPTUAL DESIGN	1650 WATERMARK DRIVE SUITE 200 COLUMBUS, OHIO 43215
<input type="radio"/> SCHEMATICS	DRAWN BY: NAL
<input checked="" type="radio"/> DESIGN DEVELOPMENT	DESIGNED BY: NAL
<input type="radio"/> WORKING DRAWINGS FOR REVIEW	CHECKED BY: JCT
	PROJECT NUMBER: 2019-0008

CO.2 \_\_\_\_\_

# MAINTAINANCE OF TRAFFIC NOTES

**ITEM 614, MAINTAINING TRAFFIC, AS PER PLAN**

**GENERAL**

THE CONTRACTOR SHALL PROVIDE A 24 HOUR CONTACT WHO WILL BE RESPONSIBLE FOR MAINTAINANCE OF TRAFFIC FOR THE DURATION OF THE PROJECT.

DRUMS SHALL BE PLACED AS FOLLOWS: 40' C/C ON TANGENTS, 20' C/C ON TAPERS, AND 8' C/C IN RADI/CLOSURES.

ALL TRAFFIC CONTROL DEVICES SHALL BE FURNISHED, ERECTED, MAINTAINED AND REMOVED BY THE CONTRACTOR IN ACCORDANCE WITH THE 'OHIO MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES' (CURRENT EDITION), COPIES OF WHICH ARE AVAILABLE FROM THE OHIO DEPARTMENT OF TRANSPORTATION, BUREAU OF TRAFFIC, 1980 WEST BROAD STREET, COLUMBUS, OHIO 43223.

THE ROADWAY SHALL NOT BE OPENED TO TRAFFIC UNTIL PERMANENT TRAFFIC CONTROLS ARE IN PLACE, OR UNTIL TEMPORARY TRAFFIC CONTROLS, APPROVED BY THE ENGINEER, ARE INSTALLED. THE CONTRACTOR ASSUMES ALL LIABILITY FOR THE PREMATURE REMOVAL OF TEMPORARY TRAFFIC CONTROLS.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE REINSTALLATION AND/OR REPLACEMENT OF ALL PERMANENT TRAFFIC CONTROL DEVICES DAMAGED OR REMOVED DURING THE CONSTRUCTION. PERMANENT TRAFFIC CONTROL THAT IS NO LONGER IN CONFLICT WITH TEMPORARY TRAFFIC CONTROL SHALL BE REPLACED IMMEDIATELY. THE CONTRACTOR SHALL ASSUME ALL LIABILITY FOR MISSING, DAMAGED AND IMPROPERLY PLACED TRAFFIC CONTROL DEVICES.

THE CONTRACTOR SHALL PROVIDE A 24-HOUR CONTACT WHO WILL BE RESPONSIBLE FOR MAINTAINANCE OF TRAFFIC FOR THE DURATION OF THE PROJECT.

CONSTRUCTION OPERATIONS SHALL NOT BEGIN UNTIL ALL TEMPORARY TRAFFIC CONTROL DEVICES ARE IN PLACE AND APPROVED BY THE ENGINEER AND THE CITY.

ACCESS TO ALL ADJOINING PROPERTIES SHALL BE MAINTAINED AT ALL TIMES. ACCESS FOR MAIL DELIVERY, EMERGENCY AND SERVICE VEHICLES SHALL NOT BE DISRUPTED. MAINTAINANCE OF ALL TRAFFIC CONTROL DEVICES INCLUDING DRUMS, SIGNS, BARRICADES, SIGN BOARDS, DETOUR SIGNAGE, ETC., SHALL BE THE CONTRACTOR'S RESPONSIBILITY.

ALL TRENCHES SHALL BE BACKFILLED OR SECURELY PLATED DURING ALL NIGHTTIME AND NON-WORKING HOURS.

TYPE C STEADY-BURN OR TYPE D 360-DEGREE STEADY-BURN WARNING LIGHTS SHALL BE REQUIRED ON ALL BARRICADES, DRUMS, AND SIMILAR TRAFFIC CONTROL DEVICES IN USE AT NIGHT. ONLY 42 REFLECTORIZED CHANNELIZING DEVICES (CONES) SHALL BE PERMITTED FOR NIGHTTIME WORK.

THE SAFETY OF PEDESTRIAN TRAFFIC SHALL BE CONSIDERED AT ALL TIMES IN THE PROVISION OF TRAFFIC CONTROL DEVICES REQUIRED BY THESE PLANS AND NOTES. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO PROVIDE LIGHTS, SIGNS, BARRICADES, AND OTHER WARNINGS TO PHYSICALLY SEPARATE THE PEDESTRIAN FROM HAZARDS INCIDENTAL TO THE CONSTRUCTION OPERATIONS SUCH AS ANCHOR BOLTS, OPEN EXCAVATIONS, ETC.

FOR AREAS ADJACENT TO VEHICULAR TRAFFIC, OPEN TRENCH SHALL BE ADEQUATELY MAINTAINED AND PROTECTED WITH THE PROPER TRAFFIC CONTROL DEVICES AT ALL TIMES. PLACEMENT OF SUBBASE AND BASE MATERIAL SHALL FOLLOW CLOSELY AS POSSIBLE BEHIND EXCAVATION OPERATIONS. THE LENGTH OF TRENCH WHICH IS OPEN AT ANY ONE TIME SHALL BE HELD TO A LENGTH THAT CAN BE BACKFILLED DURING NIGHTTIME AND NON-WORKING HOURS. DROP OFF WITHIN THE WORK ZONE SHALL CONFORM TO THE REQUIREMENTS SET FORTH ON ODOT STANDARD CONSTRUCTION DRAWING MT-101.90

ALL WORK AND TRAFFIC CONTROL DEVICES SHALL BE IN ACCORDANCE WITH ODOT CMS 614 AND OTHER APPLICABLE PORTIONS OF THE SPECIFICATIONS, AS WELL AS THE OHIO MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES.

**NOTICE OF CLOSURE SIGN**

NOTICE OF CLOSURE SIGNS, AS SPECIFIED WITHIN, SHALL BE ERECTED BY THE CONTRACTOR PRIOR TO THE SCHEDULED ROAD CLOSURE IN ACCORDANCE WITH THE NOTICE OF CLOSURE TIME TABLE BELOW.

THE SIGNS SHALL BE ERECTED ON THE RIGHT-HAND SIDE OF THE ROAD/RAMP FACING TRAFFIC. THEY SHALL BE PLACED SO AS NOT TO INTERFERE WITH THE VISIBILITY OF ANY OTHER TRAFFIC CONTROL SIGNS. ON ROADWAYS, THEY SHOULD BE ERECTED AT OR NEAR THE POINT OF CLOSURE.

NOTICE OF CLOSURE SIGN TIME TABLE		
ITEM	DURATION OF CLOSURE	SIGN DISPLAY TO PUBLIC
ROAD CLOSURES	>= 2 WEEKS	14 CALENDAR DAYS PRIOR TO CLOSURE
	> 12 HOURS & < 2 WEEKS	7 CALENDAR DAYS PRIOR TO CLOSURE
	< 12 HOURS	2 BUSINESS DAYS PRIOR TO CLOSURE

PAYMENT  
 PAYMENT FOR ANY LABOR OR MATERIALS RELATED TO MAINTAINING TRAFFIC SHALL BE INCIDENTAL TO ITEM 614, MAINTAINING TRAFFIC, AS PER PLAN, UNLESS SEPARATELY ITEMIZED WITHIN.

**ITEM 614 - LAW ENFORCEMENT OFFICER WITH PATROL CAR FOR ASSISTANCE DURING CONSTRUCTION OPERATIONS**  
 USE OF LAW ENFORCEMENT OFFICERS (LEOS) BY CONTRACTORS OTHER THAN THE USES SPECIFIED BELOW WILL NOT BE PERMITTED AT PROJECT COST. LEOS SHOULD NOT BE USED WHERE THE OMTUCD INTENDS THAT FLAGGERS BE USED.

IN ADDITION TO THE REQUIREMENTS OF CMS 614 AND THE OMTUCD, A UNIFORMED LEO WITH AN OFFICIAL PATROL CAR (CAR WITH TOP-MOUNTED EMERGENCY FLASHING LIGHTS AND COMPLETE MARKINGS OF THE APPROPRIATE LAW ENFORCEMENT AGENCY) SHALL BE PROVIDED FOR THE FOLLOWING TRAFFIC CONTROL TASKS:

- DURING THE ENTIRE ADVANCE PREPARATION AND CLOSURE SEQUENCE WHERE COMPLETE BLOCKAGE OF TRAFFIC IS REQUIRED.
- DURING A TRAFFIC SIGNAL MODIFICATION WHEN IMPACTING THE NORMAL FUNCTION OF THE SIGNAL OR THE FLOW OF TRAFFIC, OR WHEN TRAFFIC NEEDS TO BE DIRECTED THROUGH AN ENERGIZED TRAFFIC SIGNAL CONTRARY TO THE SIGNAL DISPLAY (E.G., DIRECTING MOTORISTS THROUGH A RED LIGHT).

IN ADDITION TO THE REQUIREMENTS OF CMS 614 AND THE OMTUCD, A UNIFORMED LEO WITH AN OFFICIAL PATROL CAR (CAR WITH TOP-MOUNTED EMERGENCY FLASHING LIGHTS AND COMPLETE MARKINGS OF THE APPROPRIATE LAW ENFORCEMENT AGENCY) SHOULD BE PROVIDED FOR THE FOLLOWING TRAFFIC CONTROL TASKS AS APPROVED BY THE ENGINEER:

- FOR LANE CLOSURES: DURING INITIAL SET-UP PERIODS, TEAR DOWN PERIODS, SUBSTANTIAL SHIFTS OF A CLOSURE POINT OR WHEN NEW LANE CLOSURE ARRANGEMENTS ARE INITIATED FOR LONG-TERM LANE CLOSURES/SHIFTS (FOR THE FIRST AND LAST DAY OF MAJOR CHANGES IN TRAFFIC CONTROL SETUP).

IN GENERAL, LEOS SHOULD BE POSITIONED IN ADVANCE OF AND ON THE SAME SIDE AS THE LANE RESTRICTION OR AT THE POINT OF ROAD CLOSURE, AND TO MANUALLY CONTROL TRAFFIC MOVEMENTS THROUGH SIGNALIZED INTERSECTIONS IN WORK ZONES.

IN GENERAL, LEOS SHOULD BE POSITIONED IN ADVANCE OF AND ON THE SAME SIDE AS THE LANE RESTRICTION OR AT THE POINT OF ROAD CLOSURE, AND TO MANUALLY CONTROL TRAFFIC MOVEMENTS THROUGH SIGNALIZED INTERSECTIONS IN WORK ZONES.

LEOS SHOULD NOT FORGO THEIR TRAFFIC CONTROL RESPONSIBILITIES TO APPREHEND MOTORISTS FOR ROUTINE TRAFFIC VIOLATIONS. HOWEVER, IF A MOTORIST'S ACTIONS ARE CONSIDERED TO BE RECKLESS, THEN PURSUIT OF THE MOTORIST IS APPROPRIATE.

THE LEOS WORK AT THE DIRECTION OF THE CONTRACTOR. THE CONTRACTOR IS RESPONSIBLE FOR SECURING THE SERVICES OF THE LEOS WITH THE APPROPRIATE AGENCIES AND COMMUNICATING THE INTENTIONS OF THE PLANS WITH RESPECT TO DUTIES OF THE LEOS. THE ENGINEER SHALL HAVE FINAL CONTROL OVER THE LEOS' DUTIES AND PLACEMENT, AND WILL RESOLVE ANY ISSUES THAT MAY ARISE BETWEEN THE TWO PARTIES.

THE LEO SHALL REPORT IN TO THE CONTRACTOR PRIOR TO THE START OF THE SHIFT. IN ORDER TO RECEIVE INSTRUCTIONS REGARDING SPECIFIC WORK ASSIGNMENTS DURING HIS/HER SHIFT. THE LEO IS EXPECTED TO STAY AT THE PROJECT SITE FOR THE ENTIRE DURATION OF HIS/HER SHIFT. THE LEO SHALL REPORT TO THE CONTRACTOR AT THE END OF HIS/HER SHIFT. ONCE THE LEO HAS COMPLETED THE DUTIES DESCRIBED ABOVE AND STILL HAS TIME REMAINING ON HIS/HER SHIFT, THE LEO MAY BE ASKED TO PATROL THROUGH THE WORK ZONE (WITH FLASHING LIGHTS OFF) OR BE PLACED AT A LOCATION TO DETER MOTORISTS FROM SPEEDING. SHOULD IT BE NECESSARY TO LEAVE THE PROJECT SITE, THE LEO SHALL NOTIFY THE ENGINEER. THE CONTRACTOR SHALL PROVIDE THE LEO WITH A TWO-WAY COMMUNICATION DEVICE WHICH SHALL BE RETURNED TO THE CONTRACTOR AT THE END OF HIS/HER SHIFT.

LEOS (WITH PATROL CAR) REQUIRED BY THE TRAFFIC MAINTENANCE TASKS ABOVE SHALL BE PAID FOR ON A UNIT PRICE (HOURLY) BASIS UNDER ITEM 614, LAW ENFORCEMENT OFFICER (WITH PATROL CAR) FOR ASSISTANCE.

ITEM 614, LAW ENFORCEMENT OFFICER WITH PATROL CAR FOR ASSISTANCE 20 HOUR



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Project Name

McCord Park  
 Renovation  
 333 E. Wilson Bridge  
 Rd.  
 Worthington, Ohio  
 43085



Prepared For

City of Worthington  
 Parks & Recreation  
 345 E. Wilson Bridge  
 Rd.  
 Worthington, Ohio 43085

Project Info

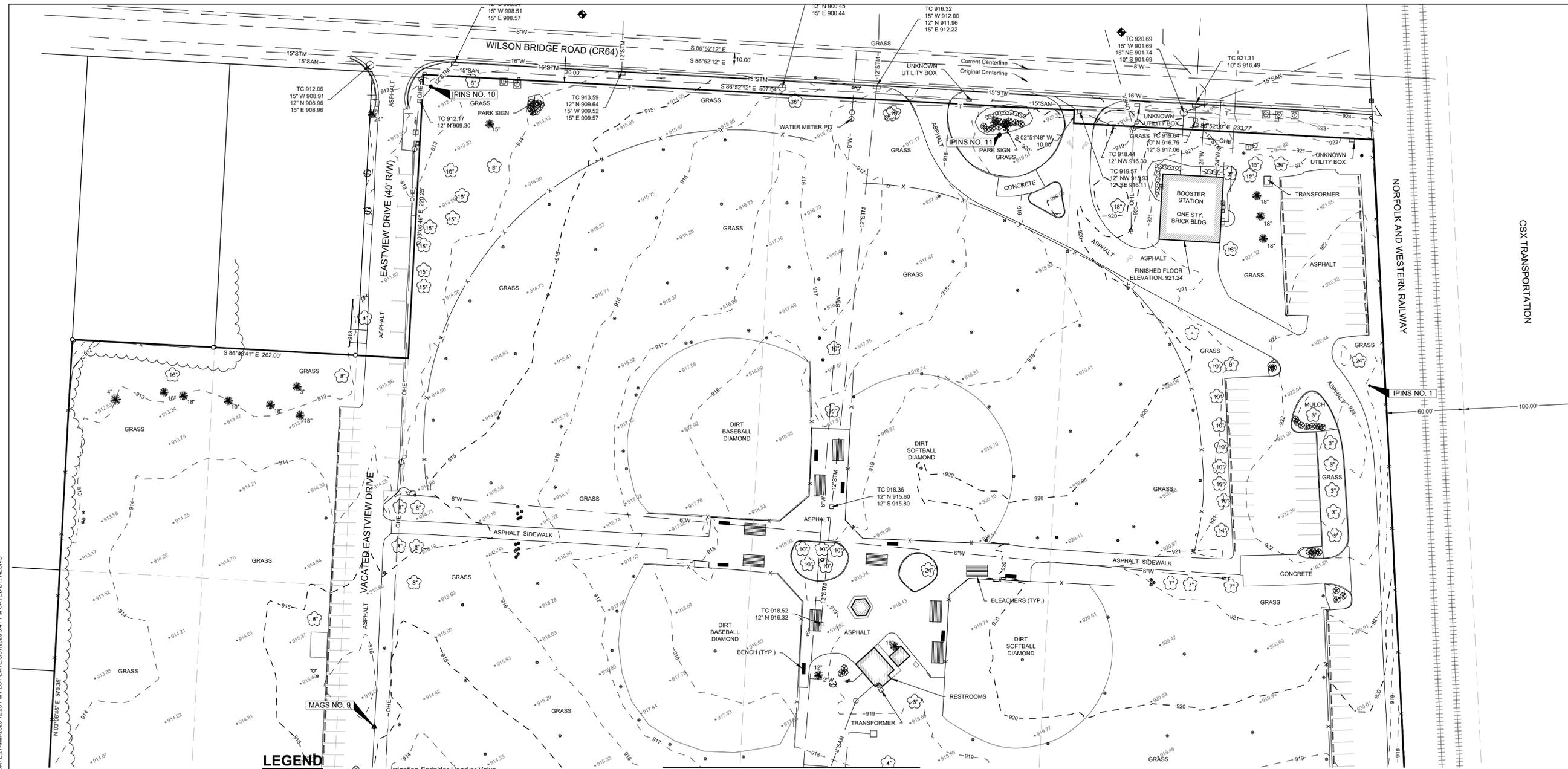
Project # 19061  
 Date 04/10/2019  
 By xx  
 Scale As Shown

Revisions

MOT NOTES

CO.3

NOT FOR CONSTRUCTION <input type="radio"/> CONCEPTUAL DESIGN <input type="radio"/> SCHEMATICS <input checked="" type="radio"/> DESIGN DEVELOPMENT <input type="radio"/> WORKING DRAWINGS FOR REVIEW	<b>KORDA</b> KORDA NEMETH ENGINEERING 1650 WATERMARK DRIVE SUITE 200 COLUMBUS, OHIO 43215
	DRAWN BY: NAL
	DESIGNED BY: NAL
	CHECKED BY: JCT
	PROJECT NUMBER: 2019-0008



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**Project Info**

Project # 19061  
Date 04/10/2019  
By xx  
Scale As Shown

**Revisions**

**TOPOGRAPHIC SURVEY**

**LEGEND**

	Building/Wall		Irrigation Sprinkler Head or Valve
	Curb		Lighting Pull Box
	Curb and Gutter		Air Conditioning Unit
	Pavement/Walk		Area Drain
	Index Contour		Clean Out
	Intermediate Contour		Down Spout
	Water line		Fire Hydrant
	Gas Line		Gas Line Marker
	Sanitary Sewer		Telephone Line Marker
	Storm Sewer		Top of Casting Elevation
	Manhole		Information Obtained From Record Plan
	Open Grate Manhole		Valve
	Curb Inlet		Abandoned Utility
	Valve		Spot Elevation
	Underground Electric line		Top of Curb Elevation
	Electric Manhole		Bottom of Curb Elevation
	Underground Telephone		Control Point
	Telephone Pole		Telephone Manhole
	Telephone Manhole		Power Pole
	Power Pole		Light Pole
	Light Pole		Fence
	Fence		Right of Way Line
	Right of Way Line		Easement Line
	Easement Line		Property Line
	Property Line		Original Subdivision Lot Lines
	Original Subdivision Lot Lines		Further route of utility unknown
	Further route of utility unknown		Tree Line/Shrub Line
	Tree Line/Shrub Line		Bushes
	Bushes		Concrete Pavement, Walk, Slab
	Concrete Pavement, Walk, Slab		

**LEGEND**

	Match Line See Sheet TS2
	Benchmarks
	Control Points
	Trees
	Electric Pull Box
	Telephone Pull Box/Pedestal
	Unknown Utility Pull Box
	Trash Can
	Bench
	Handicap Ramp
	Sign
	Picnic Table

- NOTES:**
- All underground utility locations are shown as accurately as possible based on surface evidence (valves and manholes), markings found in the field, and/or record plans received from the owner or utility companies. Items noted (rec) were obtained from existing plans. Utility locations are not necessarily complete or correct. Any utility in close proximity to proposed work should be "potholed" for exact location prior to construction. OUPS Ticket # A927603731-00A.
  - Property and easement lines shown hereon, if any, are from a combination of records, GIS and evidence located in the field and are not to be construed as a boundary survey pursuant to the OAC 4733-37. A title report, containing documentation or easements of record was not provided. Not all easements affecting the property may be shown. Property and easement lines are for informational purposes only and should not be used in conjunction with the development of design drawings.
  - The elevations on this survey are based on NAVD 88. Record drawings of buildings and infrastructure may exist having a differing datum. Exercise caution when utilizing this survey by correlating record drawings and proposed work with survey information shown on this drawing.
  - Benchmarks and control points shown on this survey may have been disturbed, since the completion of this survey. Verify that existing monumentation correlates with data shown on this survey prior to use.
  - Utilities noted (Ab) are denoted as such per record plan and may have been abandoned or removed. Their existence and/or status has not been verified.
  - Buildings are located from the surveyed at grade edge. Location of the interior and underground structural footprint has not been verified. Due to possible variations in building exterior above the at grade edge, the building location should be used for site plan use only.
  - Sewer sizes shown are based on an evaluation of record plan information and observation from the manhole casting at grade. Due to manhole depth and safety restrictions entering manhole, sizes shown are approximate.
  - The lots delineated on this plat are found on non-printed F.E.M.A. community panel No. 39049C0157K dated 06/17/08. The property is located in Zone X and are therefore not in a flood hazard area.
  - Trees shown do not indicate dripline or root area.
  - Building overhangs are in an approximate location.

**BENCHMARKS**

No.	Elevation	Description
1	915.78	Chiseled Square on the northwesterly corner of the first light pole south of the community center
2	916.06	Chiseled 'X' on the northeasterly flange bolt of fire hydrant located at southeast intersection of Eastview Drive and Northhigh Drive, on the South side of Eastview.
3	915.96	Chiseled 'X' on the southerly flange bolt of fire hydrant located on the North side of Wilson Bridge Road, West of the Railroad Tracks.
4	923.14	Chiseled 'X' on the southerly flange bolt of fire hydrant located on the North side of Wilson Bridge Road, East of Eastview Drive.

Elevations are based on NAVD 1988.

**CONTROL POINTS**

No.	Northing	Eastings	Elevation	Description
1	768423.26	1827619.14	921.91	5/8"x30" Iron Pin Set
2	767644.02	1827610.18	916.41	5/8"x30" Iron Pin Set
3	767484.85	1827375.62	916.10	5/8"x30" Iron Pin Set
4	767296.24	1827300.17	915.71	5/8"x30" Iron Pin Set
5	767354.56	1827129.28	914.04	5/8"x30" Iron Pin Set
6	767558.47	1827147.33	913.01	5/8"x30" Iron Pin Set
7	767740.89	1827036.80	918.39	5/8"x30" Iron Pin Set
8	767958.59	1827068.86	913.10	5/8"x30" Iron Pin Set
9	768158.57	1826843.76	915.81	Survey Nail Set
10	768655.03	1826887.89	913.01	5/8"x30" Iron Pin Set
11	768617.75	1827331.09	920.16	5/8"x30" Iron Pin Set

\*The project is based on State Plane Grid Coordinates Ohio South Zone NAD 83 with 2011 NSRS adjustment.



We hereby certify that this drawing is representative of a true and accurate survey based on field and record observations made by Korda/Nemeth Engineering, Inc.

*Daniel L. Quick* 10/10/2019  
Date  
Daniel L. Quick  
Registered Surveyor No. 7803

**NOT FOR CONSTRUCTION**

**KORDA**  
KORDA NEMETH ENGINEERING  
1650 WATERMARK DRIVE  
SUITE 200  
COLUMBUS, OHIO 43215

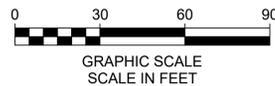
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DESIGNED BY: JJ  
CHECKED BY: DLG  
PROJECT NUMBER: 2019-0008

TS1.0

Match Line See Sheet TS1



Location Map NTS



NOT FOR CONSTRUCTION ○ CONCEPTUAL DESIGN ○ SCHEMATICS ● DESIGN DEVELOPMENT ○ WORKING DRAWINGS FOR REVIEW	<b>KORDA</b>
	KORDA NEMETH ENGINEERS 1650 WATERMARK DRIVE SUITE 200 COLUMBUS, OHIO 43215
	DRAWN BY: NLD
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Prepared For  
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Project Info  
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Scale As Shown

Revisions

TOPOGRAPHIC SURVEY

TS1.1

FILE: H:\PROJECTS\2019\2019-0008\_00 MCCORD PARK, WORTHINGTON\SURVEYS\SURVEY BASED\DWG\2019-0008 TS SHEET.DWG SAVED DATE: 27-Mar-2020 12:25 PM PLOT DATE: 3/31/2020 5:47 PM SAVED BY: NLONG



**DEMOLITION LEGEND**

**EXISTING**

REFER TO SHEET TS1.0-TS1.1 FOR EXISTING LEGEND.

**PROPOSED**

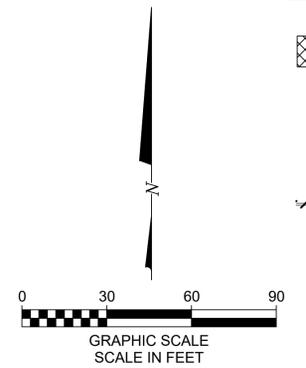


REMOVE EXISTING ASPHALT, GRAVEL, CONCRETE PAVEMENT, CONCRETE SIDEWALK, BUILDING FOUNDATION, AND PAVEMENT BASE MATERIALS, AND PARKING BLOCKS

REMOVE EXISTING TREE

PROTECT EXISTING TREE TO REMAIN

REMOVE EXISTING CONCRETE CURB



**GENERAL NOTES:**

1. SITE SURVEY PERFORMED BY KORDA/NEMETH ENGINEERING, DATED 10/10/2019. REFER TO SHEETS TS1.0-TS1.1 FOR ALL EXISTING SITE FEATURES.
2. DISPOSE OF CONSTRUCTION DEBRIS OFF-SITE IN ACCORDANCE WITH LOCAL CODES.
3. REMOVE AND DISPOSE OF ON SITE FEATURES AS SHOWN ON THE PLAN.
4. SAW-CUT EXISTING PAVEMENT AT LIMITS OF PAVEMENT REMOVAL TO FULL DEPTH USING CARE TO CUT NEAT, STRAIGHT LINES. CUT AT EXISTING JOINTS WHERE POSSIBLE.
5. CONTRACTOR TO PROTECT EXISTING SITE FEATURES TO REMAIN OUTSIDE CONSTRUCTION LIMITS. REPAIR ANY DAMAGE TO THE SATISFACTION OF THE OWNER AT NO ADDITIONAL COST.
6. CONTROL DUST AT THE SITE. PROVIDE STREET CLEANING WHEN NECESSARY, AND WHEN REQUESTED BY OWNER.
7. GRADE SITE DURING CONSTRUCTION TO PROVIDE POSITIVE DRAINAGE TO EXISTING AND/OR PROPOSED STORM WATER MANAGEMENT SYSTEMS.
8. PERFORM WORK IN ACCORDANCE WITH LOCAL CODES AND REGULATIONS.

**CODED NOTES:**

1. PROTECT EXISTING PAVEMENT/SIDEWALK TO REMAIN.
2. PROTECT EXISTING CONCRETE CURB OR CURB AND GUTTER TO REMAIN.
3. SAWCUT EXISTING PAVEMENT WITH NEAT, STRAIGHT LINES. MATCH EXISTING PAVEMENT GRADE AT THIS POINT.
4. PROTECT EXISTING UTILITY STRUCTURE TO REMAIN. ADJUST TO FINAL GRADE.
5. SPRINKLER HEAD TO BE REMOVED BY OWNER.



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By xx  
Scale As Shown

Revisions

DEMOLITION PLAN

C1.0

<p><b>NOT FOR CONSTRUCTION</b></p> <p>○ CONCEPTUAL DESIGN</p> <p>○ SCHEMATICS</p> <p>● DESIGN DEVELOPMENT</p> <p>○ WORKING DRAWINGS FOR REVIEW</p>	<p><b>KORDA</b></p> <p>KORDA NEMETH ENGINEERING</p> <p>1650 WATERMARK DRIVE SUITE 200 COLUMBUS, OHIO 43215</p>
	<p>DRAWN BY: NAL</p>
	<p>DESIGNED BY: NAL</p>
	<p>CHECKED BY: JCT</p>
	<p>PROJECT NUMBER: 2019-0008</p>

Match Line See Sheet C1.1



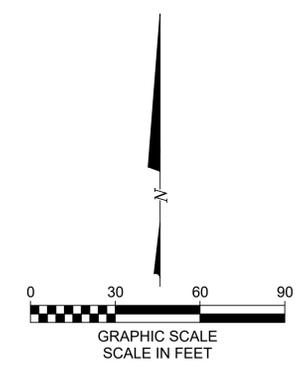
**DEMOLITION LEGEND**

**EXISTING**  
REFER TO SHEET TS1.0-TS1.1 FOR EXISTING LEGEND.

**PROPOSED**

	REMOVE EXISTING ASPHALT, GRAVEL, CONCRETE PAVEMENT, CONCRETE SIDEWALK, BUILDING FOUNDATION, AND PAVEMENT BASE MATERIALS, AND PARKING BLOCKS
	REMOVE EXISTING TREE
	PROTECT EXISTING TREE TO REMAIN
	REMOVE EXISTING CONCRETE CURB
	ABANDON EXISTING UTILITY
	REMOVE EX. STRUCTURE

- GENERAL NOTES:**
- SITE SURVEY PERFORMED BY KORDA/NEMETH ENGINEERING, DATED 10/10/2019. REFER TO SHEETS TS10-TS1.1 FOR ALL EXISTING SITE FEATURES.
  - DISPOSE OF CONSTRUCTION DEBRIS OFF-SITE IN ACCORDANCE WITH LOCAL CODES.
  - REMOVE AND DISPOSE OF ON SITE FEATURES AS SHOWN ON THE PLAN.
  - SAW-CUT EXISTING PAVEMENT AT LIMITS OF PAVEMENT REMOVAL TO FULL DEPTH USING CARE TO CUT NEAT, STRAIGHT LINES. CUT AT EXISTING JOINTS WHERE POSSIBLE.
  - CONTRACTOR TO PROTECT EXISTING SITE FEATURES TO REMAIN OUTSIDE CONSTRUCTION LIMITS. REPAIR ANY DAMAGE TO THE SATISFACTION OF THE OWNER AT NO ADDITIONAL COST.
  - CONTROL DUST AT THE SITE. PROVIDE STREET CLEANING WHEN NECESSARY, AND WHEN REQUESTED BY OWNER.
  - GRADE SITE DURING CONSTRUCTION TO PROVIDE POSITIVE DRAINAGE TO EXISTING AND/OR PROPOSED STORM WATER MANAGEMENT SYSTEMS.
  - PERFORM WORK IN ACCORDANCE WITH LOCAL CODES AND REGULATIONS.
- CODED NOTES:**
- PROTECT EXISTING PAVEMENT/SIDEWALK TO REMAIN.
  - PROTECT EXISTING CONCRETE CURB OR CURB AND GUTTER TO REMAIN.
  - SAWCUT EXISTING PAVEMENT WITH NEAT, STRAIGHT LINES. MATCH EXISTING PAVEMENT GRADE AT THIS POINT.
  - PROTECT EXISTING UTILITY STRUCTURE TO REMAIN. ADJUST TO FINAL GRADE.
  - SPRINKLER HEAD TO BE REMOVED BY OWNER.
  - SHED TO BE REMOVED BY OWNER.
  - REMOVE AND STORE EXISTING PARKING BLOCKS FOR REUSE.



<b>NOT FOR CONSTRUCTION</b>		<b>KORDA</b> KORDA, NEMETH ENGINEERING 1650 WATERMARK DRIVE SUITE 200 COLUMBUS, OHIO 43215 DRAWN BY: NAL DESIGNED BY: NAL CHECKED BY: JCT PROJECT NUMBER: 2019-0008
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<input type="radio"/>	SCHEMATICS	
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<input type="radio"/>	WORKING DRAWINGS FOR REVIEW	

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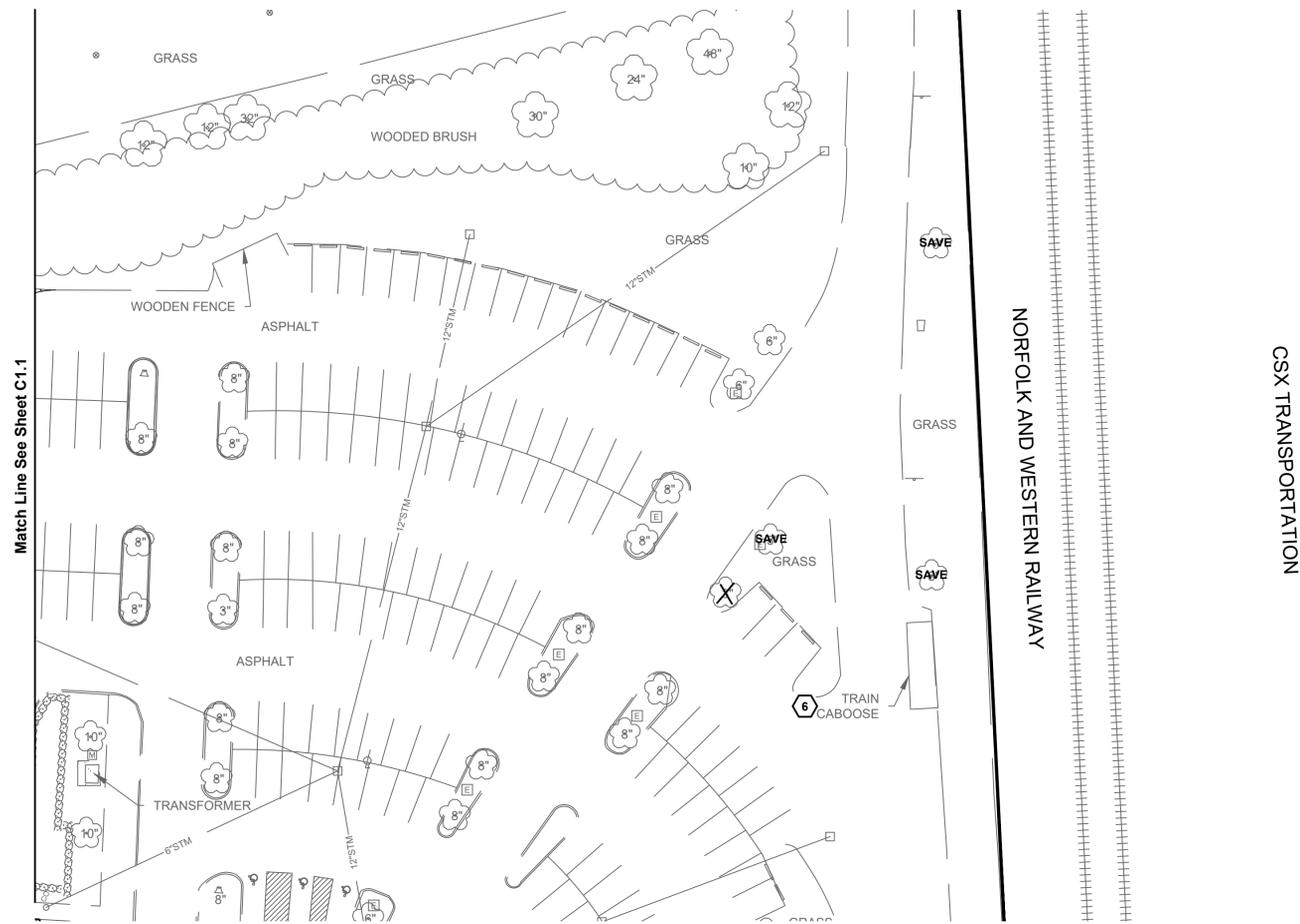
Prepared For  
City of Worthington  
Parks & Recreation  
345 E. Wilson Bridge Rd.  
Worthington, Ohio 43085

Project Info  
Project # 19061  
Date 04/10/2019  
By xx  
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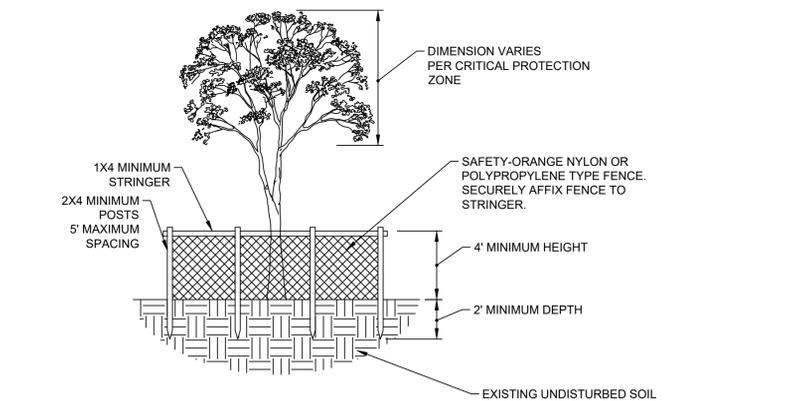
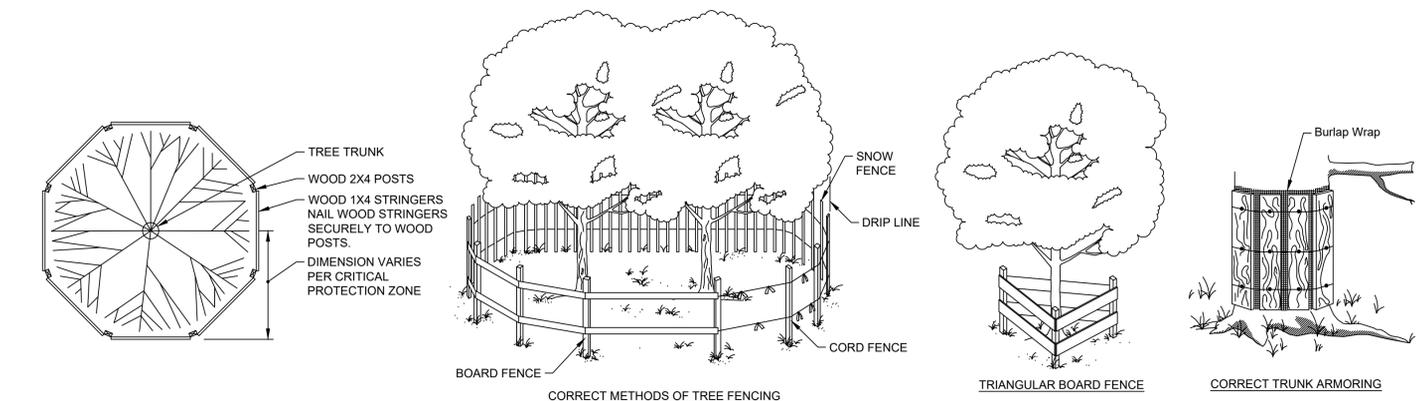
Revisions

DEMOLITION PLAN

C1.1



Match Line See Sheet C1.1



**A** **DETAIL**  
TREE PROTECTION BARRICADE

- NOTES:**
- FOR GROUPS OF TREES, PLACE THE BARRICADES AT THE DRIP LINE AROUND THE GROUP'S PERIMETER AND BETWEEN TREES AND CONSTRUCTION ACTIVITY.
  - INSTALLATION OF TREE PROTECTION BARRICADES SHALL BE PERFORMED BEFORE ANY SITE DEVELOPMENT ACTIVITY TAKES PLACE.
  - THE TREE PROTECTION BARRICADES SHALL REMAIN IN PLACE THROUGHOUT THE CONSTRUCTION PHASE AND UNTIL SITE DEVELOPMENT ACTIVITIES ARE FULLY COMPLETE. ANY DAMAGE THAT MAY OCCUR TO THE BARRICADES SHALL BE REPAIRED OR REPLACED TO THE ORIGINAL SPECIFICATIONS, WITHIN 24 HOURS OF THE DAMAGE OCCURRING.
  - THE AREA WITHIN THE TREE PROTECTION BARRICADES SHALL NOT BE USED FOR THE STORAGE OF ANY MATERIALS, SUPPLIES OR DEBRIS OR THE DISPOSAL OF ANY SOLID, LIQUID OR GASEOUS MATERIALS THAT COULD CAUSE HARM TO THE TREES.
  - ANY TREE SCHEDULED TO REMAIN IF DAMAGED DURING CONSTRUCTION, SHALL BE REPLACED BY PROVIDING EQUIVALENT MONETARY VALUE.
  - MONETARY TREE VALUE SHALL BE DETERMINED BY USING THE GUIDE FOR PLANT APPRAISAL, PUBLISHED BY THE INTERNATIONAL SOCIETY OF ARBORICULTURE OR OTHER SOURCES AS DETERMINED BY THE CITY FORESTER.
  - PROTECT ALL TREES SCHEDULED TO REMAIN, BEFORE AND DURING CONSTRUCTION ACTIVITIES WITH BARRICADES.
  - ANY PROPOSED UNDERGROUND UTILITIES SHALL BE ROUTED AROUND PROTECTED TREES TO THE OUTSIDE OF THE TREE'S DRIPLINE. IF THIS IS NOT FEASIBLE, AS DETERMINED BY THE DESIGNER, A SLEEVE MAY BE USED UNDER THE TREE, PROVIDED THAT ACCEPTABLE HORTICULTURAL/ARBORICULTURAL PRACTICES ARE ADHERED TO.
  - TREE PROTECTION BARRICADES SHALL BE LOCATED TO PROTECT A MINIMUM OF 75% OF THE CRITICAL PROTECTION ZONE. THE CRITICAL PROTECTION ZONE - ONE FOOT FOR EVERY INCH OF DIAMETER BREST HEIGHT (DBH) OVER 6 INCH CALIPER TREE, 15' RADIUS OR DRIP LINE, WHICHEVER IS GREATER.

N.T.S.

**DEMOLITION LEGEND**

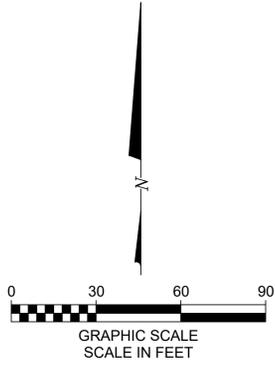
- EXISTING**  
REFER TO SHEET TS1.0-TS1.1 FOR EXISTING LEGEND.
- PROPOSED**
- REMOVE EXISTING ASPHALT, GRAVEL, CONCRETE PAVEMENT, CONCRETE SIDEWALK, BUILDING FOUNDATION, AND PAVEMENT BASE MATERIALS, AND PARKING BLOCKS
  - REMOVE EXISTING TREE
  - PROTECT EXISTING TREE TO REMAIN
  - REMOVE EXISTING CONCRETE CURB

**GENERAL NOTES:**

- SITE SURVEY PERFORMED BY KORDA/NEMETH ENGINEERING, DATED 10/10/2019. REFER TO SHEETS TS1.0-TS1.1 FOR ALL EXISTING SITE FEATURES.
- DISPOSE OF CONSTRUCTION DEBRIS OFF-SITE IN ACCORDANCE WITH LOCAL CODES.
- REMOVE AND DISPOSE OF ON SITE FEATURES AS SHOWN ON THE PLAN.
- SAW-CUT EXISTING PAVEMENT AT LIMITS OF PAVEMENT REMOVAL TO FULL DEPTH USING CARE TO CUT NEAT, STRAIGHT LINES. CUT AT EXISTING JOINTS WHERE POSSIBLE.
- CONTRACTOR TO PROTECT EXISTING SITE FEATURES TO REMAIN OUTSIDE CONSTRUCTION LIMITS. REPAIR ANY DAMAGE TO THE SATISFACTION OF THE OWNER AT NO ADDITIONAL COST.
- CONTROL DUST AT THE SITE. PROVIDE STREET CLEANING WHEN NECESSARY, AND WHEN REQUESTED BY OWNER.
- GRADE SITE DURING CONSTRUCTION TO PROVIDE POSITIVE DRAINAGE TO EXISTING AND/OR PROPOSED STORM WATER MANAGEMENT SYSTEMS.
- PERFORM WORK IN ACCORDANCE WITH LOCAL CODES AND REGULATIONS.

**CODED NOTES:**

- PROTECT EXISTING PAVEMENT/SIDEWALK TO REMAIN.
- PROTECT EXISTING CONCRETE CURB OR CURB AND GUTTER TO REMAIN.
- SAWCUT EXISTING PAVEMENT WITH NEAT, STRAIGHT LINES. MATCH EXISTING PAVEMENT GRADE AT THIS POINT.
- PROTECT EXISTING UTILITY STRUCTURE TO REMAIN. ADJUST TO FINAL GRADE.
- SPRINKLER HEAD TO BE REMOVED BY OWNER.
- PROTECT EXISTING TRAIN CABOOSE TO BE RELOCATED. REFER TO LANDSCAPE PLANS FOR FINAL LOCATION.



<b>NOT FOR CONSTRUCTION</b>	<b>KORDA</b> KORDA, NEMETH ENGINEERING 1650 WATERMARK DRIVE SUITE 200 COLUMBUS, OHIO 43215
<input type="radio"/> CONCEPTUAL DESIGN	DRAWN BY: NAL
<input type="radio"/> SCHEMATICS	DESIGNED BY: NAL
<input checked="" type="radio"/> DESIGN DEVELOPMENT	CHECKED BY: JCT
<input type="radio"/> WORKING DRAWINGS FOR REVIEW	PROJECT NUMBER: 2019-0008



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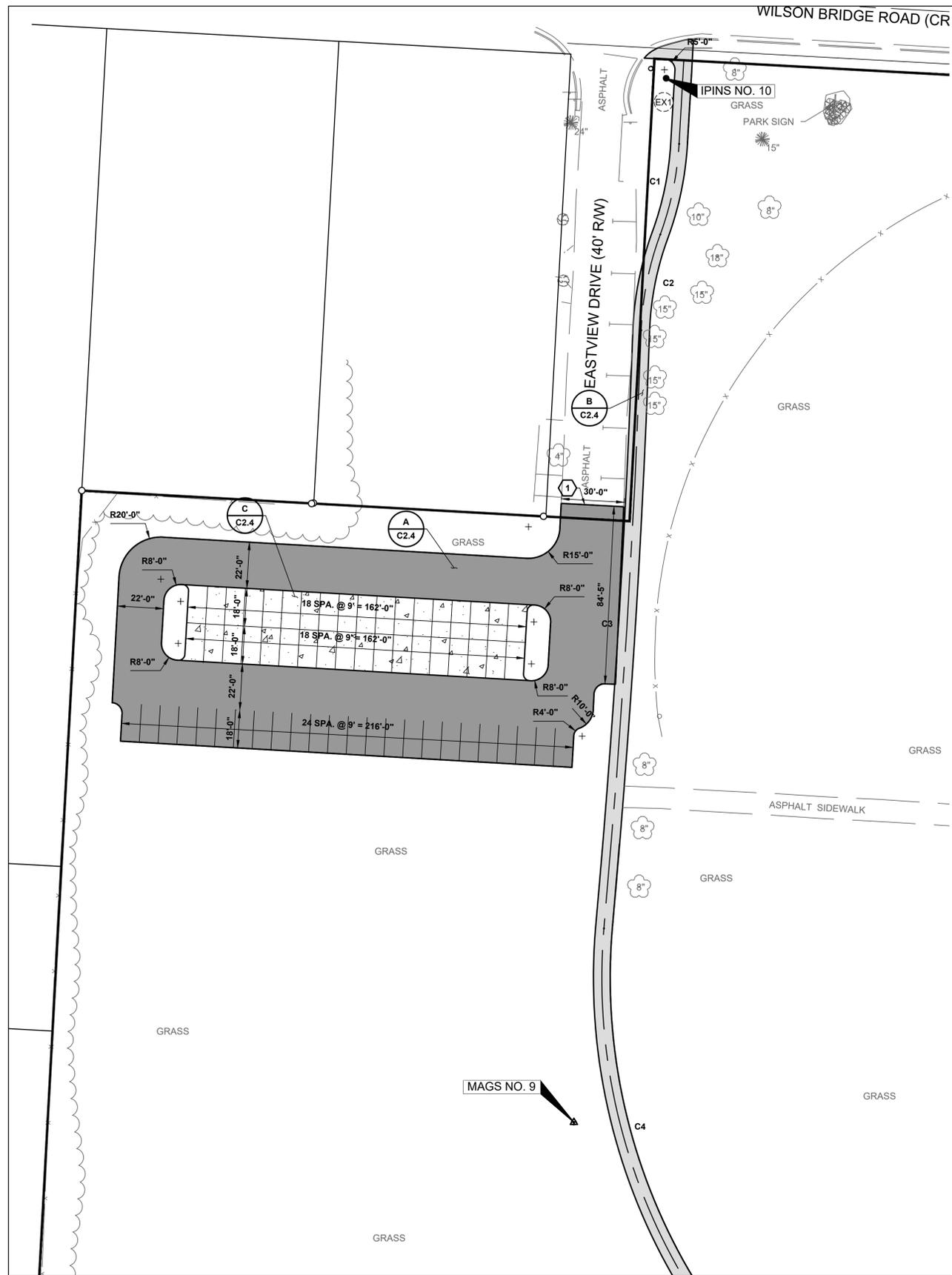
Prepared For  
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345 E. Wilson Bridge  
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Project Info  
Project # 19061  
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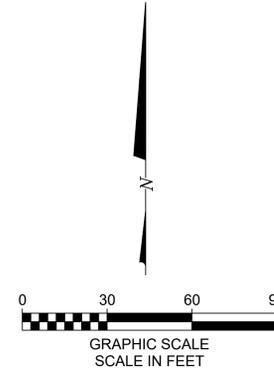
Revisions

**DEMOLITION PLAN**

C1.2



Match Line See Sheet C2.1



**STAKING LEGEND**

**EXISTING**  
REFER TO SHEETS TS1.0-TS1.1 FOR EXISTING LEGEND.

**PROPOSED**

- STRAIGHT CURB
- PAVEMENT
- WALK
- SCORE
- CONSTRUCTION FENCE
- CONSTRUCTION LIMITS
- STAGING AREA LIMITS
- HEAVY DUTY ASPHALT, PER DETAIL A/C2.4
- PERVIOUS CONCRETE, PER DETAIL C/C2.4
- ASPHALT WALKING PATH, PER DETAIL B/C2.4
- CONCRETE SIDEWALK, PER DETAIL D/C2.4

**GENERAL NOTES:**

1. DIMENSIONS AND COORDINATES ARE GIVEN TO FACE OF CURB AND FACE OF BUILDING UNLESS OTHERWISE NOTED.
2. CURB AND SIDEWALK RADII SHALL BE 3'-0" UNLESS OTHERWISE NOTED.
3. PROVIDE STRIPING AND SYMBOLS AS SHOWN PER ODOT ITEM 640 AND 641. STRIPING PAINT SHALL BE ODOT ITEM 740.02 TYPE 4 WITHOUT GLASS BEADS. TYPICAL LINE WIDTH SHALL BE 4 INCHES, COLOR WHITE.
4. STANDARD PARKING STALL DIMENSIONS ARE 9'-0" IN WIDTH BY 18'-0" IN LENGTH UNLESS OTHERWISE NOTED.
5. SAWCUT FULL DEPTH SIDEWALK AND PAVEMENT WHERE NEW WORK ABUTS EXISTING CONSTRUCTION. TAKE CARE TO PROVIDE NEAT STRAIGHT LINES. PROVIDE PAVEMENT SEALANT PER ODOT ITEM 423 AT JOINT BETWEEN EXISTING AND NEW ASPHALT. REMOVE CONCRETE TO NEAREST JOINT. PROVIDE 1/2" PREFORMED EXPANSION JOINT FILLER BETWEEN NEW AND EXISTING CONSTRUCTION.
6. ANY PROPERTY PINS DAMAGED AS PART OF CONSTRUCTION SHALL BE RESET BY AN OHIO REGISTERED SURVEYOR.
7. MAINTAIN PEDESTRIAN AND VEHICULAR ACCESS TO ADJACENT BUILDINGS AT ALL TIMES DURING CONSTRUCTION.
8. REFER TO LANDSCAPE DRAWINGS FOR ALL SITE SIGNAGE NOT SHOWN ON THIS SHEET.
9. PROVIDE CONTROL JOINTS PER DETAIL E/C2.4. PROVIDE ISOLATION JOINTS WHERE NEW CONCRETE ABUTS EXISTING STRUCTURES PER DETAIL F/C2.4 AND PER SPECIFICATIONS.

**CODED NOTES:**

1. SAW-CUT EXISTING PAVEMENT WITH NEAT, STRAIGHT LINES. MATCH EXISTING PAVEMENT GRADE AT THIS POINT.

Curve Data Table									
Curve No.	P.I. STA.	P.I. Northing	P.I. Easting	Δ	Dc	L (F)	R (F)	T (F)	E (F)
C1	0+62.08	768601.60	1826892.77	16°51'42"	38'12"	44.14	150.00	22.23	1.62
C2	1+07.50	768558.70	1826876.86	18°20'22"	39'20"	46.63	145.67	23.51	1.86
C3	2+73.16	768392.74	1826871.12	3°15'19"	1'09"	285.02	5016.43	142.55	2.02
C4	5+22.04	768144.75	1826849.22	41°37'01"	20'28"	203.38	280.00	106.41	18.26
C5	7+25.94	767973.96	1826977.06	48°52'59"	24'21"	200.72	235.27	106.93	21.08
C6	10+09.36	767959.13	1827273.19	83°24'23"	84'29"	98.73	67.82	60.44	17.19
C7	11+74.34	767772.29	1827272.61	89°12'05"	95'30"	93.41	60.00	59.17	17.28
C8	12+94.30	767778.71	1827127.88	92°04'13"	95'14"	96.68	60.17	62.38	18.40
C9	14+51.91	767964.02	1827138.70	89°36'15"	86'49"	103.22	66.00	65.55	19.17
C10	0+41.49	767799.32	1827133.33	57°48'26"	76'14"	75.83	75.15	41.49	9.36
C11	2+16.12	767703.85	1826978.62	109°02'22"	57'18"	190.31	100.00	140.30	41.96
C12	3+18.10	767579.61	1827125.25	27°38'54"	27'08"	101.90	211.17	51.96	6.12
C13	4+05.05	767556.39	1827211.13	102°03'17"	191'21"	53.33	29.94	37.01	11.11

**NOT FOR CONSTRUCTION**

CONCEPTUAL DESIGN  
 SCHEMATICS  
 DESIGN DEVELOPMENT  
 WORKING DRAWINGS FOR REVIEW

**KORDA**  
KORDA NEMETH ENGINEERING  
1650 WATERMARK DRIVE  
SUITE 200  
COLUMBUS, OHIO 43215

DRAWN BY: NAL  
 DESIGNED BY: NAL  
 CHECKED BY: JCT  
 PROJECT NUMBER: 2019-0008



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STAKING PLAN

C2.0

Match Line See Sheet C2.0



**STAKING LEGEND**

**EXISTING**  
REFER TO SHEETS TS1.0-TS1.1 FOR EXISTING LEGEND.

**PROPOSED**

- STRAIGHT CURB
- PAVEMENT
- WALK
- SCORE
- X — CONSTRUCTION FENCE
- - - CONSTRUCTION LIMITS
- · · · · STAGING AREA LIMITS

- HEAVY DUTY ASPHALT, PER DETAIL A/C2.4
- PERVIOUS CONCRETE, PER DETAIL C/C2.4
- ASPHALT WALKING PATH, PER DETAIL B/C2.4
- CONCRETE SIDEWALK, PER DETAIL D/C2.4

**GENERAL NOTES:**

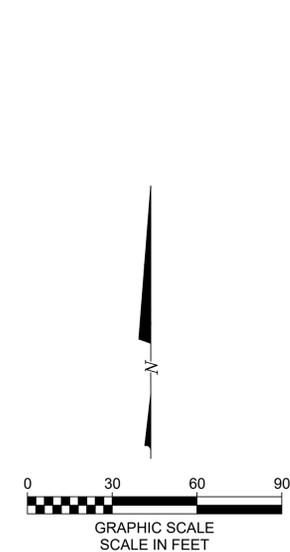
1. DIMENSIONS AND COORDINATES ARE GIVEN TO FACE OF CURB AND FACE OF BUILDING UNLESS OTHERWISE NOTED.
2. CURB AND SIDEWALK RADII SHALL BE 3'-0" UNLESS OTHERWISE NOTED.
3. PROVIDE STRIPING AND SYMBOLS AS SHOWN PER ODOT ITEM 640 AND 641. STRIPING PAINT SHALL BE ODOT ITEM 740.02 TYPE 4 WITHOUT GLASS BEADS. TYPICAL LINE WIDTH SHALL BE 4 INCHES. COLOR WHITE.
4. STANDARD PARKING STALL DIMENSIONS ARE 9'-0" IN WIDTH BY 18'-0" IN LENGTH UNLESS OTHERWISE NOTED.
5. SAWCUT FULL DEPTH SIDEWALK AND PAVEMENT WHERE NEW WORK ABUTS EXISTING CONSTRUCTION. TAKE CARE TO PROVIDE NEAT STRAIGHT LINES. PROVIDE PAVEMENT SEALANT PER ODOT ITEM 423 AT JOINT BETWEEN EXISTING AND NEW ASPHALT. REMOVE CONCRETE TO NEAREST JOINT. PROVIDE 1/2" PREFORMED EXPANSION JOINT FILLER BETWEEN NEW AND EXISTING CONSTRUCTION.
6. ANY PROPERTY PINS DAMAGED AS PART OF CONSTRUCTION SHALL BE RESET BY AN OHIO REGISTERED SURVEYOR.
7. MAINTAIN PEDESTRIAN AND VEHICULAR ACCESS TO ADJACENT BUILDINGS AT ALL TIMES DURING CONSTRUCTION.
8. REFER TO LANDSCAPE DRAWINGS FOR ALL SITE SIGNAGE NOT SHOWN ON THIS SHEET.
9. PROVIDE CONTROL JOINTS PER DETAIL E/C2.4. PROVIDE ISOLATION JOINTS WHERE NEW CONCRETE ABUTS EXISTING STRUCTURES PER DETAIL F/C2.4 AND PER SPECIFICATIONS.

**CODED NOTES:**

1. SAW-CUT EXISTING PAVEMENT WITH NEAT, STRAIGHT LINES. MATCH EXISTING PAVEMENT GRADE AT THIS POINT.
2. RESERVABLE SHELTER. REFER TO LANDSCAPE PLANS FOR FINAL LOCATION.
3. INSTALL RELOCATED PARKING BLOCKS.

Match Line See Sheet C2.2

Match Line See Sheet C2.2



<p><b>NOT FOR CONSTRUCTION</b></p> <p>○ CONCEPTUAL DESIGN</p> <p>○ SCHEMATICS</p> <p>● DESIGN DEVELOPMENT</p> <p>○ WORKING DRAWINGS FOR REVIEW</p>	<p><b>KORDA</b></p> <p>KORDA NEMETH ENGINEERING</p> <p>1650 WATERMARK DRIVE</p> <p>SUITE 200</p> <p>COLUMBUS, OHIO 43215</p>
	<p>DRAWN BY: NAL</p>
	<p>DESIGNED BY: NAL</p>
	<p>CHECKED BY: JCT</p>
	<p>PROJECT NUMBER: 2019-0008</p>



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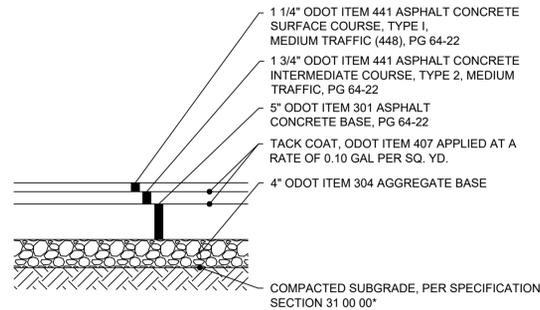
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STAKING PLAN

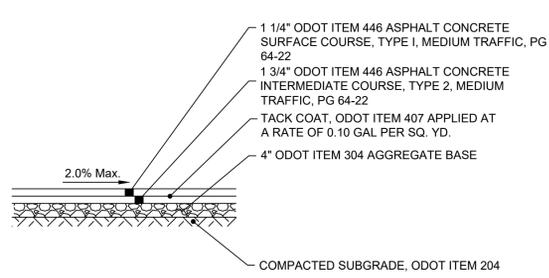
C2.1



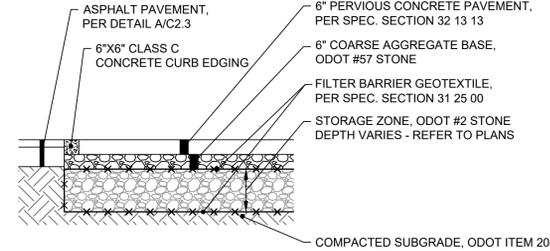


- NOTES:**
1. COMPOSE HOT MIX ASPHALT MIXTURE WITH AGGREGATE AND ASPHALT BINDER MEETING ODOT REQUIREMENTS.
  2. SUBMIT AN APPROVED JOB MIX FORMULA INCLUDING MIX TYPE PROPOSED FOR USE, AGGREGATE SOURCE, TYPE, AND GRADATION, PERCENT OF ASPHALT BINDER, AND UNIT WEIGHT OF THE MIXTURE.
  3. OBTAIN JOB MIX FORMULA APPROVAL BY PROVIDING A PREVIOUSLY ODOT APPROVED FORMULA \*OR PROVIDE THE OWNER'S TESTING AGENCY WITH A MIX FORMULA FOR TESTING AND APPROVAL\* \*OR CONTRACT AN INDEPENDENT TESTING AGENCY TO PROVIDE TESTING AND WRITTEN APPROVAL OF THE FORMULA. THE AGENCY PERFORMING THE TESTING MUST BE LEVEL III BITUMINOUS CONCRETE APPROVED BY ODOT.\*
  4. PROVIDE QUALITY ASSURANCE TESTING IN ACCORDANCE WITH ODOT ITEM 448 AND SUPPLEMENTAL SPECIFICATION 1055, "EXCEPT THAT AN INDEPENDENT TESTING LABORATORY WILL PERFORM THE TESTING AND REPORT DATA TO THE OWNER'S REPRESENTATIVE. THE AGENCY PERFORMING THE TESTING MUST HAVE A CURRENT LEVEL I BITUMINOUS CONCRETE APPROVAL FROM ODOT.\*"
  5. PROVIDE COMPACTION RANGING FROM 90 TO 97.9% OF THE AVERAGE MAXIMUM SPECIFIC GRAVITY FOR SURFACE COURSE AND 90 TO 96.9% FOR INTERMEDIATE COURSE. REMOVE AND REPLACE MATERIAL PLACED OUTSIDE OF SAID RANGES. PROVIDE REPLACEMENT PAVEMENT AND QUALITY ASSURANCE TESTING AT NO ADDITIONAL COST TO THE OWNER.

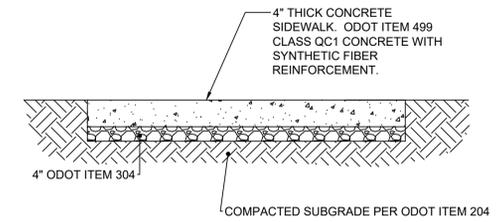
**A** **DETAIL**  
**HEAVY DUTY ASPHALT PAVEMENT** N.T.S.



**B** **DETAIL**  
**ASPHALT WALKING PATH** N.T.S.

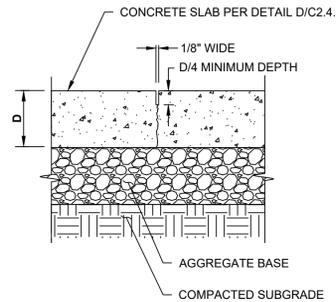


**C** **DETAIL**  
**PERVIOUS CONCRETE PAVEMENT** N.T.S.



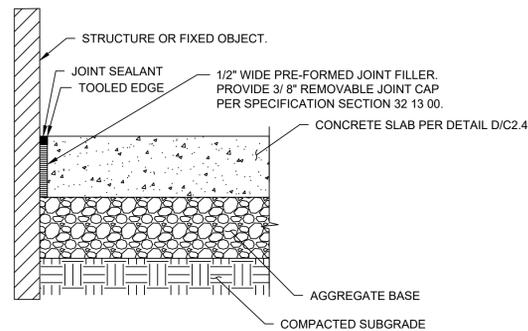
- NOTES:**
1. SYNTHETIC FIBER REINFORCEMENT: ASTM C1116-97 AND ASTM C1018-97. ACCEPTABLE PRODUCTS INCLUDE, BUT ARE NOT LIMITED TO:
    1. NYCON NYLON FIBERS
    2. FORTA NYLO-MONO NYLON FIBERS
    3. FIBERMESH FIBERMIX STEALTH POLYPROPYLENE FIBERS
    4. GRACE POLYPROPYLENE FIBERS
 SYNTHETIC FIBER REINFORCEMENT SHALL BE USED IN STRICT ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS. DOSAGE RATE SHALL BE AS RECOMMENDED BY THE MANUFACTURER, BUT NOT LESS THAN 1 POUND PER CUBIC YARD.
  2. DISSIPATING CURING COMPOUND: COMPLY WITH ASTM C309-98A, TYPE 1, CLASS B (CLEAR), EXCEPT MOISTURE LOSS NOT TO EXCEED 0.40 KG/SQ. M. IN 72 HOURS. COMPOUND SHALL COMPLY WITH EPA'S VOC REQUIREMENTS. APPLY AT THE MANUFACTURER'S WRITTEN RECOMMENDED APPLICATION RATE. COMPLETELY REMOVE CURING COMPOUND PRIOR TO APPLICATION OF PENETRATING SEALER.
  3. PENETRATING SEALER: ACCEPTABLE PRODUCTS INCLUDE, BUT ARE NOT LIMITED TO:
    1. L&M CONSTRUCTION CHEMICALS - AQUAPEL PLUS 40
    2. PROSOCCO - SALTGUARD WB
    3. HULS AMERICA INC. - CHEM-TRETE BSM 40
    4. MASTER BUILDERS INC. - MASTERSEAL SL 40
    5. LYMTAL INTERNATIONAL - ISO-FLEX 618-50 WB
    6. BASF - ENVIROSEAL 40 OR HYDROZO SILANE 40
    7. TEX-COTE - RAINSTOPPER RS140

**D** **DETAIL**  
**LIGHT DUTY CONCRETE SIDEWALK** N.T.S.



- NOTES:**
1. PLACE CONTROL JOINTS WITHIN 8 HOURS OF CONCRETE PLACEMENT AND AT LOCATIONS INDICATED ON THE STAKING PLAN. IF JOINTS ARE NOT SHOWN ON STAKING PLAN, PROVIDE AT LOCATIONS INDICATED BELOW:
    1. SPACING (IN FEET) SHALL BE BETWEEN 2 TO 2-1/2 TIMES SLAB THICKNESS (IN INCHES) IN BOTH DIRECTIONS (I.E. 4" SLAB SHALL HAVE JOINT SPACING OF 8-10 FEET).
    2. GRID OF CONTROL JOINTS SHALL BE APPROXIMATELY SQUARE WITH LONGEST SIDE TO BE NOT LONGER THAN 1.5 TIMES THE SHORTEST SIDE (I.E. 4 FOOT WIDE WALK SHALL HAVE JOINT SPACING AT 4-6 FEET).

**E** **DETAIL**  
**SAW CUT CONCRETE CONTROL JOINT- LONGITUDINAL OR TRANSVERSE** N.T.S.



- NOTES:**
1. PLACE ISOLATION JOINTS WHERE NEW CONCRETE SLAB ABUTS STRUCTURES OR FIXED OBJECTS INCLUDING: BUILDINGS, WALLS, COLUMNS, POLE BASES, CURBS, CATCH BASINS, EXISTING CONCRETE, OR AS NOTED ON THE STAKING PLAN.
  2. PROVIDE AT FORMED EDGE OF PREVIOUSLY POURED SLABS. SEAL JOINT WITH JOINT SEALANT, SEE SPECIFICATION SECTION 32 13 00.
  3. SUBMIT SAMPLE FOR COLOR APPROVAL. PRE-FORMED JOINT FILLER - NON-IMPREGNATED TYPE, CLOSED CELL RESILIENT POLYETHYLENE FOAM, 1/2" THICK UNLESS OTHERWISE NOTED, CERAMAR FLEXIBLE FOAM EXPANSION JOINT BY W.R. MEADOWS OR EQUAL MEETING THE REQUIREMENTS OF ASTM D 1752 SECTIONS 5.1 THROUGH 5.4. REFER TO SPECIFICATION SECTION 32 13 00.

**F** **DETAIL**  
**CONCRETE ISOLATION JOINT** N.T.S.



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Project Name  
**McCord Park  
Renovation**  
333 E. Wilson Bridge  
Rd.  
Worthington, Ohio  
43085



Prepared For  
City of Worthington  
Parks & Recreation  
345 E. Wilson Bridge  
Rd.  
Worthington, Ohio 43085

Project Info  
Project # 19061  
Date 04/10/2019  
By xx  
Scale As Shown

Revisions

STAKING DETAILS

NOT FOR CONSTRUCTION <input type="radio"/> CONCEPTUAL DESIGN <input type="radio"/> SCHEMATICS <input checked="" type="radio"/> DESIGN DEVELOPMENT <input type="radio"/> WORKING DRAWINGS FOR REVIEW	<b>KORDA</b> KORDA NEMETH ENGINEERING 1650 WATERMARK DRIVE SUITE 200 COLUMBUS, OHIO 43215
	DRAWN BY: NAL DESIGNED BY: NAL
	CHECKED BY: JCT PROJECT NUMBER: 2019-0008
	C2.3
	Item 7.A.I. Page 21 of 36



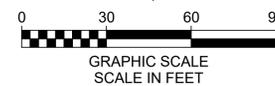
**GRADING LEGEND**

**EXISTING**

REFER TO SHEETS TS1.0-TS1.1 FOR EXISTING LEGEND.

**PROPOSED**

	INDEX CONTOUR
	INTERMEDIATE CONTOUR
	STORM SEWER
	UNDERDRAIN
	CATCH BASIN
	AREA DRAIN
	STRUCTURE NUMBER
	GRADE BREAK (CROWN) LINE
	GRADING/SEEDING LIMITS
	SPOT ELEVATION
	TOP OF CASTING
	FLOW DIRECTION ARROW
	HIGH (CROWN) POINT
	EMERGENCY OVERFLOW
	MATCH EXISTING ELEVATION



**GENERAL NOTES:**

1. PAVEMENT ELEVATIONS REFER TO FINISHED PAVEMENT ELEVATION AT FACE OF CURB UNLESS OTHERWISE NOTED.
2. CONSTRUCTION WORK WILL NOT BE PERMITTED WITHOUT APPROVED PLANS AND INSPECTION.
3. PERFORM WORK IN ACCORDANCE WITH CITY OF COLUMBUS MATERIAL SPECIFICATIONS AND STANDARD CONSTRUCTION DRAWINGS. IN CASE OF A DISCREPANCY BETWEEN CITY OF WORTHINGTON REQUIREMENTS AND PROJECT SPECIFICATIONS, CITY OF WORTHINGTON STANDARDS SHALL GOVERN.
4. SOIL EROSION AND SEDIMENTATION BMP MEASURES, PER SHEETS C4.0 & C4.1, SHALL BE INSTALLED PRIOR TO START OF ANY CONSTRUCTION AND SHALL BE MAINTAINED UNTIL CONSTRUCTION HAS BEEN COMPLETED, INCLUDING GRASS BEING WELL ESTABLISHED AND/OR PERMANENT EROSION AND SEDIMENTATION BMP MEASURES IN PLACE. BMP MEASURES SHALL BE TO THE SATISFACTION OF THE CITY OF WORTHINGTON.
5. CONTROL DUST ON THE SITE AND PREVENT TRACKING SOIL OFF SITE. CONTRACTOR SHALL, AT THE END OF EACH WORKING DAY, CLEAN DIRT AND SEDIMENT TRACKED ONTO STREETS.
6. REMOVE SEDIMENT FROM DETENTION AREAS, OUTLET STRUCTURES, AND UNDERDRAINS ONCE FINAL SEED HAS BEEN ESTABLISHED.
7. DIMENSIONS AND COORDINATES ARE TO FACE OF CURB OR FACE OF BUILDING UNLESS OTHERWISE NOTED.
8. EXTEND UTILITIES TO WITHIN 5'-0" OF FACE OF BUILDING UNLESS OTHERWISE NOTED. COORDINATE EXACT LOCATION WITH PLUMBING CONTRACTOR. FINAL CONNECTION BY PLUMBING CONTRACTOR.
9. MAXIMUM FINISH SLOPES SHALL BE 4:1 UNLESS OTHERWISE NOTED.
10. COORDINATES BASED ON SURVEY PERFORMED BY KORDA/NEMETH ENGINEERING, DATED 10/10/2019. REFER TO SHEETS TS1.0-TS1.1.
11. CONTRACTOR SHALL STRIP AND STOCKPILE EXISTING TOPSOIL THROUGHOUT THE SITE PRIOR TO EXCAVATION. UPON COMPLETION OF FINAL GRADING, PROVIDE 6 INCHES OF TOPSOIL AND SEED AREAS DISTURBED BY CONSTRUCTION, INCLUDING LAYDOWN AREAS AND TRAILER LOCATIONS IF LOCATED OUTSIDE THE GRADING/SEEDING LIMITS.
12. DISPOSE EXCESS EXCAVATED MATERIALS AND UNACCEPTABLE/UNSUITABLE SOILS OFF SITE IN ACCORDANCE WITH LOCAL CODES. NO PERMANENT STOCKPILES WILL REMAIN ON SITE.
13. EXISTING VALVES, MANHOLES, AND OTHER APPURTANCES TO REMAIN LOCATED WITHIN THE WORK LIMITS SHALL BE ADJUSTED TO FINISH GRADE.
14. OUTLET CURB UNDERDRAINS TO ADJACENT EXISTING UNDERDRAINS OR STORM SEWER SYSTEM.
15. EXPOSE UTILITIES NOTED THUS EXPOSE PRIOR TO BEGINNING WORK ON THAT UTILITY TO DETERMINE EFFECTS ON THE PROPOSED ALIGNMENT AND PROFILE. REPORT ELEVATION AND LOCATION TO THE ENGINEER IN ORDER THAT ANY CORRECTIONS TO THE ELEVATION AND LOCATION CAN BE MADE.
16. CONCRETE ADJACENT TO BUILDING SHALL BE SLOPED AWAY FROM BUILDING AT 2.0% UNLESS OTHERWISE NOTED.



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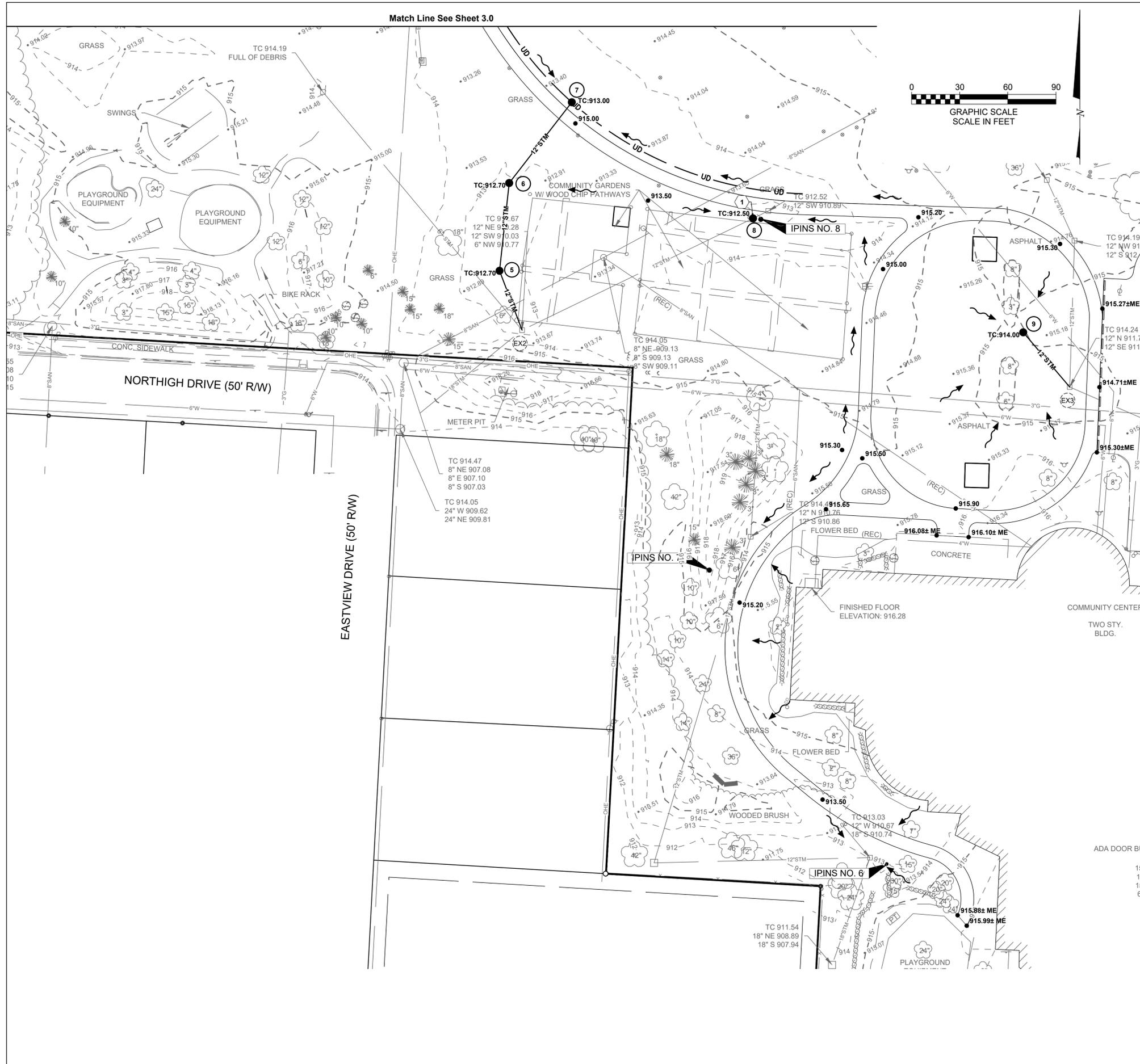
Project Info  
Project # 19061  
Date 04/10/2019  
By xx  
Scale As Shown

Revisions

**STORM SEWER & GRADING PLAN**

<b>NOT FOR CONSTRUCTION</b>	 KORDA NEMETH ENGINEERING 1650 WATERMARK DRIVE SUITE 200 COLUMBUS, OHIO 43215 DRAWN BY: NAL DESIGNED BY: NAL CHECKED BY: JCT PROJECT NUMBER: 2019-0008
<input type="radio"/> CONCEPTUAL DESIGN	
<input type="radio"/> SCHEMATICS	
<input checked="" type="radio"/> DESIGN DEVELOPMENT	
<input type="radio"/> WORKING DRAWINGS FOR REVIEW	

C3.0



GRADING LEGEND	
<b>EXISTING</b>	
REFER TO SHEETS TS1.0-TS1.1 FOR EXISTING LEGEND.	
<b>PROPOSED</b>	
	INDEX CONTOUR
	INTERMEDIATE CONTOUR
	STORM SEWER
	UNDERDRAIN
	CATCH BASIN
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	SPOT ELEVATION
	TOP OF CASTING
	FLOW DIRECTION ARROW
	HIGH (CROWN) POINT
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	MATCH EXISTING ELEVATION

- GENERAL NOTES:**
- PAVEMENT ELEVATIONS REFER TO FINISHED PAVEMENT ELEVATION AT FACE OF CURB UNLESS OTHERWISE NOTED.
  - CONSTRUCTION WORK WILL NOT BE PERMITTED WITHOUT APPROVED PLANS AND INSPECTION.
  - PERFORM WORK IN ACCORDANCE WITH CITY OF COLUMBUS MATERIAL SPECIFICATIONS AND STANDARD CONSTRUCTION DRAWINGS. IN CASE OF A DISCREPANCY BETWEEN CITY OF WORTHINGTON REQUIREMENTS AND PROJECT SPECIFICATIONS, CITY OF WORTHINGTON STANDARDS SHALL GOVERN.
  - SOIL EROSION AND SEDIMENTATION BMP MEASURES, PER SHEETS C4.0 & C4.1, SHALL BE INSTALLED PRIOR TO START OF ANY CONSTRUCTION AND SHALL BE MAINTAINED UNTIL CONSTRUCTION HAS BEEN COMPLETED, INCLUDING GRASS BEING WELL ESTABLISHED AND/OR PERMANENT EROSION AND SEDIMENTATION BMP MEASURES IN PLACE. BMP MEASURES SHALL BE TO THE SATISFACTION OF THE CITY OF WORTHINGTON.
  - CONTROL DUST ON THE SITE AND PREVENT TRACKING SOIL OFF SITE. CONTRACTOR SHALL, AT THE END OF EACH WORKING DAY, CLEAN DIRT AND SEDIMENT TRACKED ONTO STREETS.
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  - CONTRACTOR SHALL STRIP AND STOCKPILE EXISTING TOPSOIL THROUGHOUT THE SITE PRIOR TO EXCAVATION. UPON COMPLETION OF FINAL GRADING, PROVIDE 6 INCHES OF TOPSOIL AND SEED AREAS DISTURBED BY CONSTRUCTION, INCLUDING LAYDOWN AREAS AND TRAILER LOCATIONS IF LOCATED OUTSIDE THE GRADING/SEEDING LIMITS.
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  - CONCRETE ADJACENT TO BUILDING SHALL BE SLOPED AWAY FROM BUILDING AT 2.0% UNLESS OTHERWISE NOTED.

- CODED NOTES:**
- INTALL 18" DIAM. AREA DRAIN ON EXISTING STORM SEWER. TC PER PLAN. INV. NE & SW = 910.85.



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Prepared For  
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Parks & Recreation  
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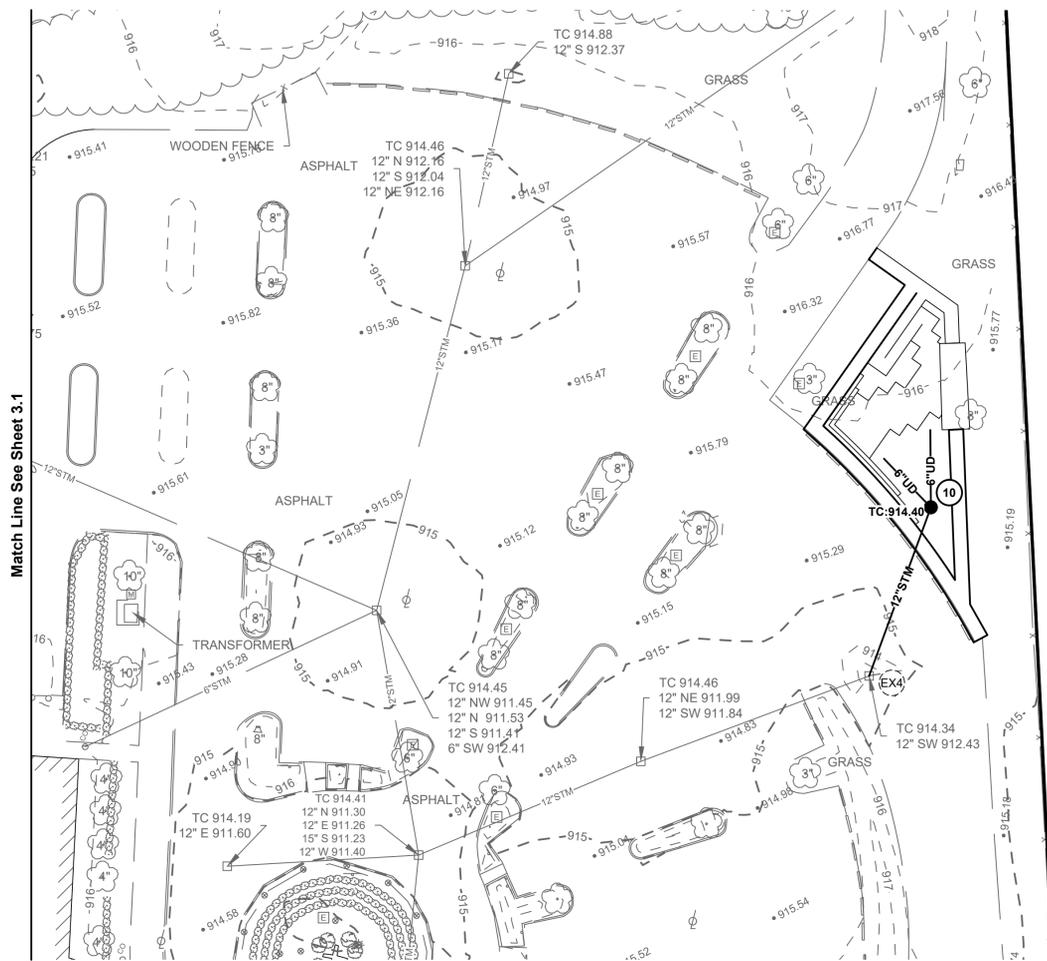
Project Info  
Project # 19061  
Date 04/10/2019  
By xx  
Scale As Shown

Revisions

STORM SEWER & GRADING PLAN

C3.1

<p><b>NOT FOR CONSTRUCTION</b></p> <p>○ CONCEPTUAL DESIGN</p> <p>○ SCHEMATICS</p> <p>● DESIGN DEVELOPMENT</p> <p>○ WORKING DRAWINGS FOR REVIEW</p>	<p><b>KORDA</b></p> <p>KORDA NEMETH ENGINEERING</p> <p>1650 WATERMARK DRIVE</p> <p>SUITE 200</p> <p>COLUMBUS, OHIO 43215</p>
	<p>DRAWN BY: NAL</p>
	<p>DESIGNED BY: NAL</p>
	<p>CHECKED BY: JCT</p>
	<p>PROJECT NUMBER: 2019-0008</p>



Match Line See Sheet 3.1

NORFOLK AND WESTERN RAILWAY

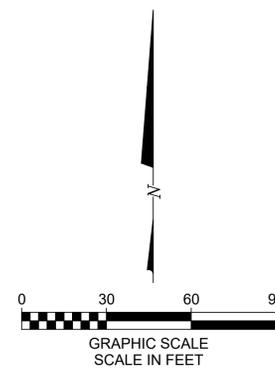
**GRADING LEGEND**

**EXISTING**

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**PROPOSED**

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Project Name  
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Prepared For  
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Project Info  
Project # 19061  
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Scale As Shown

Revisions

STORM SEWER & GRADING PLAN

<p><b>NOT FOR CONSTRUCTION</b></p> <p>○ CONCEPTUAL DESIGN</p> <p>○ SCHEMATICS</p> <p>● DESIGN DEVELOPMENT</p> <p>○ WORKING DRAWINGS FOR REVIEW</p>	<p><b>KORDA</b></p> <p>KORDA NEMETH ENGINEERING</p> <p>1650 WATERMARK DRIVE SUITE 200 COLUMBUS, OHIO 43215</p>
	<p>DRAWN BY: NAL</p>
	<p>DESIGNED BY: NAL</p>
	<p>CHECKED BY: JCT</p>
	<p>PROJECT NUMBER: 2019-0008</p>

C3.2



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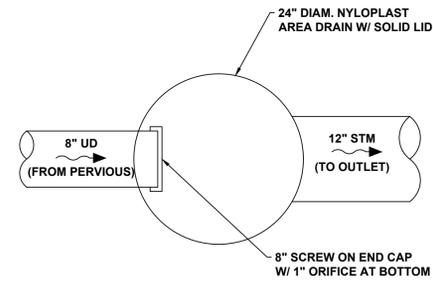


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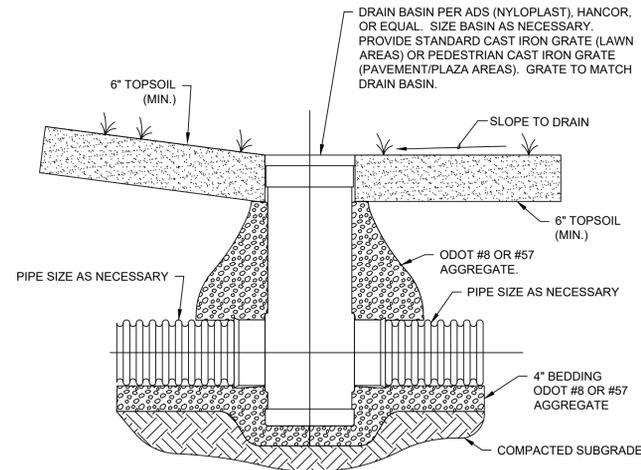
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STORM SEWER  
DETAILS & PROFILES



**A** **DETAIL**  
OUTLET CONTROL STRUCTURE 1"=1'



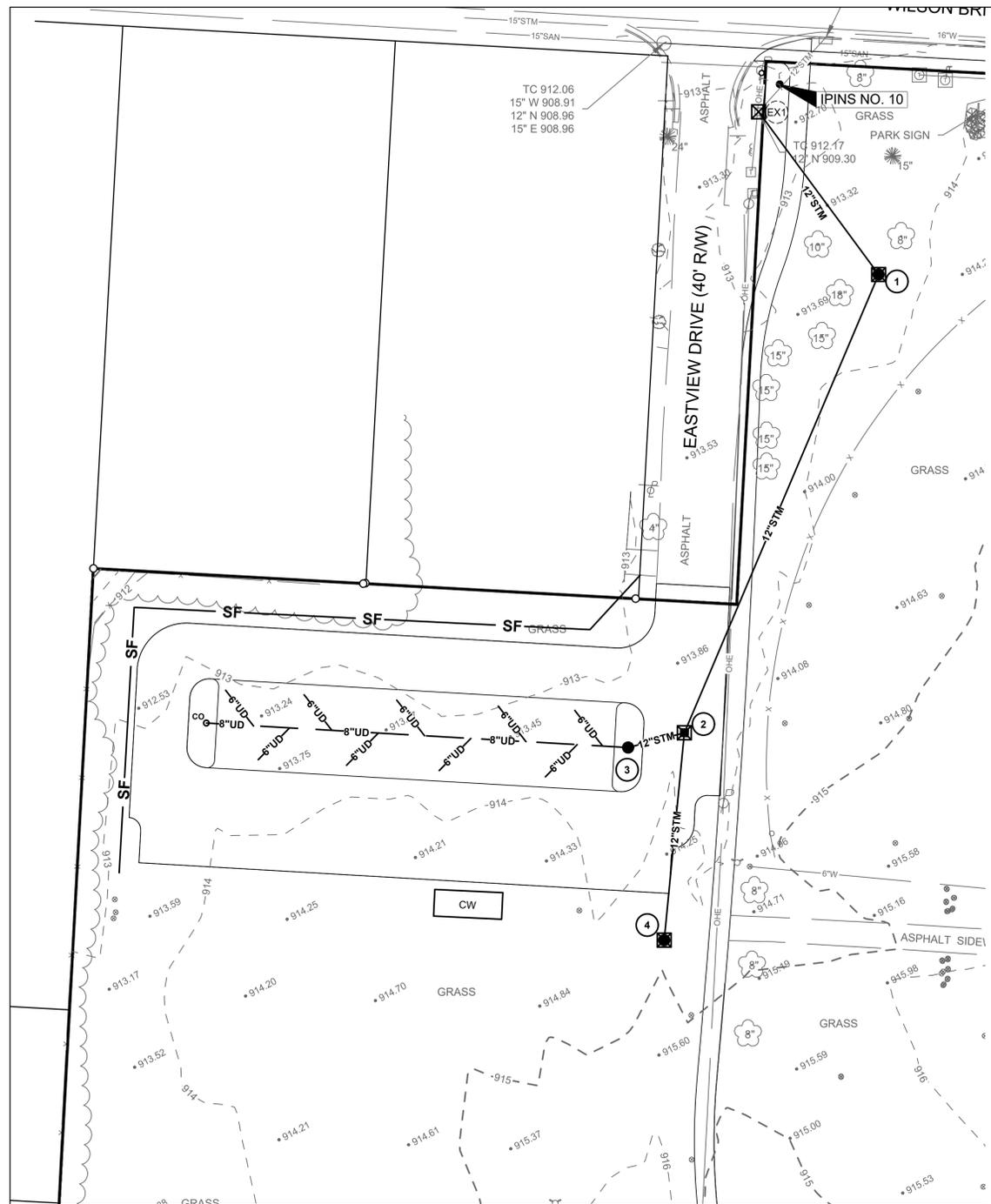
**NOTES:**

1. ALL PIPE AND FITTINGS SHALL BE SMOOTH INTERIOR POLYETHYLENE PER AASHTO M 252 (SIZE LESS THAN 12") OR AASHTO M 294 (SIZE 12" AND GREATER).
2. PIPE, FITTINGS, AND CASTINGS SHALL BE FROM THE SAME MANUFACTURER.
3. DRAIN BASIN SHALL BE USED AT ALL CHANGES IN PIPE ELEVATION, CHANGES IN PIPE SIZE, CHANGES IN DIRECTION, AND CHANGES IN PIPE TYPE.
4. PROVIDE WATERTIGHT ADAPTERS FOR ALL PLASTIC PIPING SYSTEMS OTHER THAN THAT NOTED.

**B** **DETAIL**  
DRAIN BASIN N.T.S.

<b>NOT FOR CONSTRUCTION</b>		<b>KORDA</b> KORDA NEMETH ENGINEERING 1650 WATERMARK DRIVE SUITE 200 COLUMBUS, OHIO 43215
<input type="radio"/> CONCEPTUAL DESIGN	DRAWN BY: NAL	
<input type="radio"/> SCHEMATICS	DESIGNED BY: NAL	
<input checked="" type="radio"/> DESIGN DEVELOPMENT	CHECKED BY: JCT	
<input type="radio"/> WORKING DRAWINGS FOR REVIEW	PROJECT NUMBER: 2019-0008	

C3.3



**LEGEND**

- EXISTING**  
REFER TO ORIGINAL SURVEY, SHEET TS.1.0-TS1.2
- PROPOSED**
- INDEX CONTOUR
  - INTERMEDIATE CONTOUR
  - LIMITS OF CONSTRUCTION
  - SILT FENCE PER DETAIL B/C4.3
  - INLET FILTER PER DETAIL A/C4.3
  - STABILIZED CONSTRUCTION ENTRANCE PER DETAIL C/4.3
  - CONCRETE WASHOUT PER DETAIL D/C4.3

**GENERAL NOTES:**

- A COPY OF THE SWPPP PLAN AND THE APPROVED EPA STORMWATER PERMIT (WITH THE SITE-SPECIFIC NOI NUMBER) SHALL BE KEPT ONSITE AT ALL TIMES.
- PROVIDE INLET SEDIMENT FILTER PER DETAIL A/C4.3 AT ALL EXISTING AND PROPOSED STORM INLET STRUCTURES RECEIVING FLOW FROM DISTURBED AREAS.
- SOIL EROSION AND BMP MEASURES SHALL BE INSTALLED PRIOR TO START OF ANY CONSTRUCTION AND SHALL BE MAINTAINED AT ALL TIMES DURING CONSTRUCTION. BMP MEASURES SHALL BE TO THE SATISFACTION OF THE OHIO EPA. CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING AND MODIFYING BMP'S AND SWPPP AS NECESSARY DUE TO CONSTRUCTION PHASING AS THE PROJECT ADVANCES TO SATISFY THE OHIO EPA TO COMPLY WITH OHIO EPA PERMIT NO. OHC000005 "GENERAL PERMIT AUTHORIZATION FOR STORM WATER DISCHARGES ASSOCIATED WITH CONSTRUCTION ACTIVITY UNDER THE NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM".
- EROSION AND SEDIMENTATION CONTROL PRACTICES ARE SUBJECT TO FIELD MODIFICATION AT THE DISCRETION OF THE CITY OF COLUMBUS AND/OR THE OHIO EPA.
- UNDER NORMAL CIRCUMSTANCES, NO OVERLAND DISCHARGE SHALL BE ALLOWED FROM SEDIMENT BASIN.
- STREET CLEANING (ON AN AS-NEEDED BASIS) IS REQUIRED THROUGHOUT THE DURATION OF THIS CONSTRUCTION PROJECT. THIS INCLUDES SWEEPING, POWER CLEANING, AND (IF NECESSARY) MANUAL REMOVAL OF DIRT OR MUD IN THE STREET GUTTERS. AT A MINIMUM CLEAN AT THE END OF EACH WORK DAY.
- DIRECT DISCHARGE OF SEDIMENT LADEN WATER TO THE CITY'S SEWER SYSTEM OR A RECEIVING STREAM IS A VIOLATION OF OHIO EPA AND CITY OF COLUMBUS REGULATIONS. THE CONTRACTOR WILL BE HELD LIABLE FOR THE VIOLATION AND SUBSEQUENT FINES.

**EROSION AND SEDIMENT CONTROL NARRATIVE**

**EROSION AND SEDIMENT CONTROL NARRATIVE:**

**PLAN DESIGNER:** KORDA/NEMETH ENGINEERING INC. 1650 WATERMARK DRIVE, SUITE 200 COLUMBUS, OHIO 43215  
PHONE: (614) 487-1650 FAX: (614) 487-8981

**OWNER:** NAME: \_\_\_\_\_ ADDRESS: \_\_\_\_\_ CONTACT: \_\_\_\_\_ PHONE: \_\_\_\_\_ EMAIL: \_\_\_\_\_

**NOI PERMIT:** XXXXXXXX

**EXISTING SITE CONDITIONS:** THE SITE CONSISTS OF EXISTING McCORD PARK.

**PROJECT DESCRIPTION:** THE PROJECT INCLUDES A NEW WALKING PATH, PLAYGROUND AREA, PARKING LOT AND FIELD HOCKEY/SOCCER FIELD.

**DISTURBED AREA:** \_\_\_\_\_ ACRES

**SITE DRAINS TO:** SITE GENERALLY DRAINS TO A CITY OF COLUMBUS MUNICIPAL STORM SEWER WHICH EVENTUALLY DISCHARGES TO THE SCIOTO RIVER.

**SITE BMP'S:** LOCATIONS OF SITE BMP'S, INCLUDING DUMPSTERS, VEHICLE FUELING AREAS, CONCRETE TRUCK WASH, MATERIAL STORAGE, AND TOPSOIL STOCKPILES SHALL BE DETERMINED BY CONTRACTOR. IF FINAL LOCATION OF BMP'S DIFFER FROM THE LOCATIONS SHOWN, CONTRACTOR SHALL MODIFY SWPPP AND INFORM OHIO EPA OF NEW LOCATION OF BMP'S. NO POST-CONSTRUCTION BMP'S WILL BE NECESSARY.

**ADJACENT AREAS:** THE SITE IS BOUNDED BY WILSON BREDIGE ROAD TO THE NORTH, WORTHINGTON COMMUNITY CENTER TO THE SOUTH, TRAIN TRACKS TO THE EAST, AND EXISTING RESIDENCES TO THE WEST.

**SOILS:** ACCORDING TO SOIL SURVEY RECORDS, THE SOIL TYPES ON THE SITE ARE \_\_\_\_\_

**EROSION AND SEDIMENT CONTROL MEASURES:** PROVIDE SILT FENCE AT CRITICAL AREAS AS SHOWN ABOVE. ANY NEW OR EXISTING STORM INLETS IMPACTED BY THE NEW CONSTRUCTION ACTIVITY WILL NEED THE APPROPRIATE INLET PROTECTION FOR SEDIMENT CONTROL. PROVIDE INLET PROTECTION AT EXISTING AND PROPOSED DRAINAGE STRUCTURES. ANY OFFSITE BORROW OR SPOIL AREAS SHALL BE SUBJECT TO THE REQUIREMENTS SET FORTH BY THE OHIO EPA. ALL EROSION AND SEDIMENT CONTROL MEASURES FOR OFFSITE AREAS NOT COVERED BY A SEPARATE NOI OR SWP3 SHALL BE COORDINATED WITH THE OHIO EPA. TRENCH GROUNDWATER CONTAINING SEDIMENT MUST BE EFFECTIVELY TREATED PRIOR TO DISCHARGE INTO THE STORM SEWER SYSTEM. USE MEANS NECESSARY TO CONTROL DUST ONSITE AND PREVENT TRACKING SOIL OFFSITE.

**JURISDICTION:** EROSION AND SEDIMENT CONTROL PRACTICES ARE SUBJECT TO FIELD MODIFICATION AT THE DISCRETION OF THE CITY OF COLUMBUS AND/OR THE OHIO EPA.

**COEFFICIENTS:** PRE-DEVELOPED CURVE NUMBER = \_\_\_\_\_  
POST-DEVELOPED CURVE NUMBER = \_\_\_\_\_  
EXISTING IMPERVIOUS AREA = \_\_\_\_\_ ACRES  
PROPOSED IMPERVIOUS AREA = \_\_\_\_\_ ACRES

- CONSTRUCTION SEQUENCE**  
UNLESS NOTED OTHERWISE, THE GENERAL CONTRACTOR IS RESPONSIBLE FOR ALL EROSION AND SEDIMENT CONTROL MEASURES REQUIRED THROUGHOUT THE DURATION OF THE PROJECT.
- UTILIZE EXISTING PAVEMENT AS STABILIZED CONSTRUCTION ENTRANCE.
  - CONSTRUCT TEMPORARY SEDIMENT CONTROLS, PERIMETER EROSION CONTROL MEASURES. MEASURES SHALL BE IMPLEMENTED AS THE FIRST STEP OF CONSTRUCTION.
  - DEMOLISH.
  - BACKFILL.
  - ROUGH GRADING. ADD ADDITIONAL SILT FENCE IF NECESSARY.
  - COMPLETE FINE GRADING AND PAVEMENT REPLACEMENT.
  - ONCE FINAL SEEDING HAS BEEN ESTABLISHED, CLEAN SEDIMENT FROM UNDERDRAINS AND STRUCTURES.
  - REMOVE TEMPORARY EROSION CONTROL MEASURES.

- MAINTENANCE/INSPECTION PROCEDURES**
- CONTROL MEASURES SHALL BE INSPECTED AT LEAST ONCE EACH WEEK AND WITHIN 24-HOURS FOLLOWING ANY STORM EVENT OF 0.5 INCHES OR GREATER.
  - MEASURES SHALL BE MAINTAINED IN GOOD WORKING ORDER; IF A REPAIR IS NECESSARY, IT WILL BE INITIATED WITHIN 24 HOURS OF REPORT.
  - TEMPORARY AND PERMANENT SEEDING AND PLANTING WILL BE INSPECTED FOR BARE SPOTS, WASHOUTS, AND HEALTHY GROWTH.
  - A MAINTENANCE INSPECTION REPORT SHALL BE MADE AFTER EACH INSPECTION, AND A WRITTEN LOG MUST BE KEPT. THIS LOG SHALL INDICATE THE DATE OF THE INSPECTION, NAME OF THE INSPECTOR, WEATHER CONDITIONS, OBSERVATIONS, ANY CORRECTIVE ACTIONS TAKEN, AND BE SIGNED IN ACCORDANCE WITH THE CONDITIONS OF THE NPDES PERMIT. ANY CONTROL MEASURE MUST BE REPAIRED/REPLACED WITHIN THREE DAYS OF INSPECTION.
  - PERSONNEL SELECTED FOR INSPECTION AND MAINTENANCE RESPONSIBILITIES SHALL BE TRAINED IN INSPECTION AND MAINTENANCE PRACTICES NECESSARY FOR KEEPING THE EROSION AND SEDIMENT CONTROLS USED ONSITE IN GOOD WORKING ORDER. A WRITTEN DOCUMENT CONTAINING THE SIGNATURES OF CONTRACTORS AND SUBCONTRACTORS INVOLVED IN THE IMPLEMENTATION OF EROSION AND SEDIMENT CONTROL MEASURES MUST BE MAINTAINED AS PROOF OF ACKNOWLEDGING THAT THEY REVIEWED AND UNDERSTAND THE CONDITIONS AND RESPONSIBILITIES OF THE PLAN. THE DOCUMENT SHALL BE CREATED BY THE CONTRACTOR SIGNED PRIOR TO THE START OF CONSTRUCTION.

- DISPOSAL OF SOLID/SANITARY/TOXIC WASTES**
- SOLID, SANITARY AND TOXIC WASTES MUST BE DISPOSED OF IN A PROPER MANNER IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS.
  - IT IS PROHIBITED TO BURN, BURY OR POUR OUT ONTO THE GROUND OR INTO A STORM WATER CONVEYANCE ANY SOLVENTS, PAINTS, STAINS, GASOLINE, DIESEL FUEL, USED MOTOR OIL, HYDRAULIC FLUID, ANTIFREEZE, CEMENT CURING COMPOUNDS AND OTHER SUCH SOLID AND HAZARDOUS WASTES.
  - ANY RINSE WATERS OF SUCH MATERIAL ARE ALSO PROHIBITED FROM BEING PLACED WHERE THEY MAY ENTER DRAINAGEWAYS.
  - WASH OUT OF CEMENT TRUCKS SHOULD OCCUR IN A DIKED, DESIGNATED AREA, AWAY FROM ANY CONVEYANCE CHANNEL.
  - COORDINATE WASH OUT AREA WITH CONSTRUCTION MANAGER.

**STABILIZATION PROCEDURES**  
CONTRACTOR SHALL BE RESPONSIBLE TO KEEP A RECORD OF DATES WHEN MAJOR GRADING ACTIVITIES OCCUR, WHEN EARTH DISTURBANCE HAS TEMPORARILY OR PERMANENTLY CEASED ON A PORTION OF THE SITE, AND WHEN STABILIZATION MEASURES HAVE BEEN INITIATED.

**DEWATERING**  
DISCHARGES FROM DEWATERING ACTIVITIES, INCLUDING DISCHARGES FROM DEWATERING OF TRENCHES AND EXCAVATIONS ARE PROHIBITED UNLESS MANAGED BY APPROPRIATE CONTROLS.

Match Line See Sheet C4.1

SUMMARY OF POST-CONSTRUCTION STORMWATER CONTROL FACILITIES			
CONTROL/OUTLET STRUCTURE NO. (AS REFERENCED ON PLANS)	CONTROL FUNCTION	DRAINAGE AREA TO CONTROL FACILITY (ACRES)	FACILITY TYPE
3	QUALITY	0.30 ACRES	N/A

Permanent Stabilization	
AREA REQUIRING PERMANENT STABILIZATION	TIME FRAME TO APPLY EROSION CONTROLS
ANY AREAS THAT WILL LIE DORMANT FOR ONE YEAR OR MORE.	WITHIN SEVEN DAYS OF THE MOST RECENT DISTURBANCE.
ANY AREAS WITHIN 50 FEET OF A SURFACE WATER OF THE STATE AND AT FINAL GRADE.	WITHIN TWO DAYS OF REACHING FINAL GRADE.
ANY OTHER AREAS AT FINAL GRADE.	WITHIN SEVEN DAYS OF REACHING FINAL GRADE WITHIN THAT AREA.

WHERE VEGETATIVE STABILIZATION TECHNIQUES MAY CAUSE STRUCTURAL INSTABILITY OR ARE OTHERWISE UNOBTAINABLE, ALTERNATIVE STABILIZATION TECHNIQUES MUST BE EMPLOYED. PERMANENT AND TEMPORARY STABILIZATION ARE DEFINED IN PART VII.

TEMPORARY STABILIZATION	
AREA REQUIRING TEMPORARY STABILIZATION	TIME FRAME TO APPLY EROSION CONTROLS
ANY DISTURBED AREAS WITHIN 50 FEET OF A SURFACE WATER OF THE STATE AND NOT AT FINAL GRADE.	WITHIN TWO DAYS OF THE MOST RECENT DISTURBANCE IF THE AREA WILL REMAIN IDLE FOR MORE THAN 14 DAYS.
FOR ALL CONSTRUCTION ACTIVITIES, ANY DISTURBED AREAS THAT WILL BE DORMANT FOR MORE THAN 14 DAYS BUT LESS THAN ONE YEAR, AND NOT WITHIN 50 FEET OF A SURFACE WATER OF THE STATE.	WITHIN SEVEN DAYS OF THE MOST RECENT DISTURBANCE WITHIN THE AREA.  FOR RESIDENTIAL SUBDIVISIONS, DISTURBED AREAS MUST BE STABILIZED AT LEAST SEVEN DAYS PRIOR TO TRANSFER OF PERMIT COVERAGE FOR THE INDIVIDUAL LOT(S).
DISTURBED AREAS THAT WILL BE IDLE OVER WINTER.	PRIOR TO THE ONSET OF WINTER WEATHER.

**NOT FOR CONSTRUCTION**

CONCEPTUAL DESIGN  
 SCHEMATICS  
 DESIGN DEVELOPMENT  
 WORKING DRAWINGS FOR REVIEW

**KORDA**  
KORDA, NEMETH ENGINEERING  
1650 WATERMARK DRIVE  
SUITE 200  
COLUMBUS, OHIO 43215

DRAWN BY: NAL  
DESIGNED BY: NAL  
CHECKED BY: JCT  
PROJECT NUMBER: 2019-0008



Columbus  
100 Northwoods Blvd,  
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Cincinnati, Ohio 45246  
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PODdesign.net

Project Name  
**McCord Park Renovation**  
333 E. Wilson Bridge Rd.  
Worthington, Ohio 43085



Prepared For  
City of Worthington  
Parks & Recreation  
345 E. Wilson Bridge Rd.  
Worthington, Ohio 43085

Project Info  
Project # 19061  
Date 04/10/2019  
By xx  
Scale As Shown

Revisions

SEDIMENT & EROSION CONTROL PLAN

C4.0

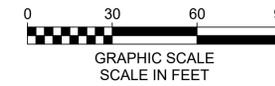


**LEGEND**

**EXISTING**  
REFER TO ORIGINAL SURVEY, SHEET  
TS.1.0-TS1.2

**PROPOSED**

- INDEX CONTOUR
- INTERMEDIATE CONTOUR
- LIMITS OF CONSTRUCTION
- SF SILT FENCE PER DETAIL B/C4.3
- INLET FILTER PER DETAIL A/C4.3
- STABILIZED CONSTRUCTION ENTRANCE PER DETAIL C/4.3
- CW CONCRETE WASHOUT PER DETAIL D/C4.3



**GENERAL NOTES:**

1. A COPY OF THE SWPPP PLAN AND THE APPROVED EPA STORMWATER PERMIT (WITH THE SITE-SPECIFIC NOI NUMBER) SHALL BE KEPT ONSITE AT ALL TIMES.
2. PROVIDE INLET SEDIMENT FILTER PER DETAIL A/C4.3 AT ALL EXISTING AND PROPOSED STORM INLET STRUCTURES RECEIVING FLOW FROM DISTURBED AREAS.
3. SOIL EROSION AND BMP MEASURES SHALL BE INSTALLED PRIOR TO START OF ANY CONSTRUCTION AND SHALL BE MAINTAINED AT ALL TIMES DURING CONSTRUCTION. BMP MEASURES SHALL BE TO THE SATISFACTION OF THE OHIO EPA. CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING AND MODIFYING BMP'S AND SWPPP AS NECESSARY DUE TO CONSTRUCTION PHASING AS THE PROJECT ADVANCES TO SATISFY THE OHIO EPA TO COMPLY WITH OHIO EPA PERMIT NO. OHC000005 "GENERAL PERMIT AUTHORIZATION FOR STORM WATER DISCHARGES ASSOCIATED WITH CONSTRUCTION ACTIVITY UNDER THE NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM".
4. EROSION AND SEDIMENTATION CONTROL PRACTICES ARE SUBJECT TO FIELD MODIFICATION AT THE DISCRETION OF THE CITY OF COLUMBUS AND/OR THE OHIO EPA.
5. UNDER NORMAL CIRCUMSTANCES, NO OVERLAND DISCHARGE SHALL BE ALLOWED FROM SEDIMENT BASIN.
6. STREET CLEANING (ON AN AS-NEEDED BASIS) IS REQUIRED THROUGH THE DURATION OF THIS CONSTRUCTION PROJECT. THIS INCLUDES SWEEPING, POWER CLEANING, AND (IF NECESSARY) MANUAL REMOVAL OF DIRT OR MUD IN THE STREET GUTTERS. AT A MINIMUM CLEAN AT THE END OF EACH WORK DAY.
7. DIRECT DISCHARGE OF SEDIMENT LADEN WATER TO THE CITY'S SEWER SYSTEM OR A RECEIVING STREAM IS A VIOLATION OF OHIO EPA AND CITY OF COLUMBUS REGULATIONS. THE CONTRACTOR WILL BE HELD LIABLE FOR THE VIOLATION AND SUBSEQUENT FINES.



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Project Name  
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333 E. Wilson Bridge  
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Worthington, Ohio  
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Prepared For  
City of Worthington  
Parks & Recreation  
345 E. Wilson Bridge  
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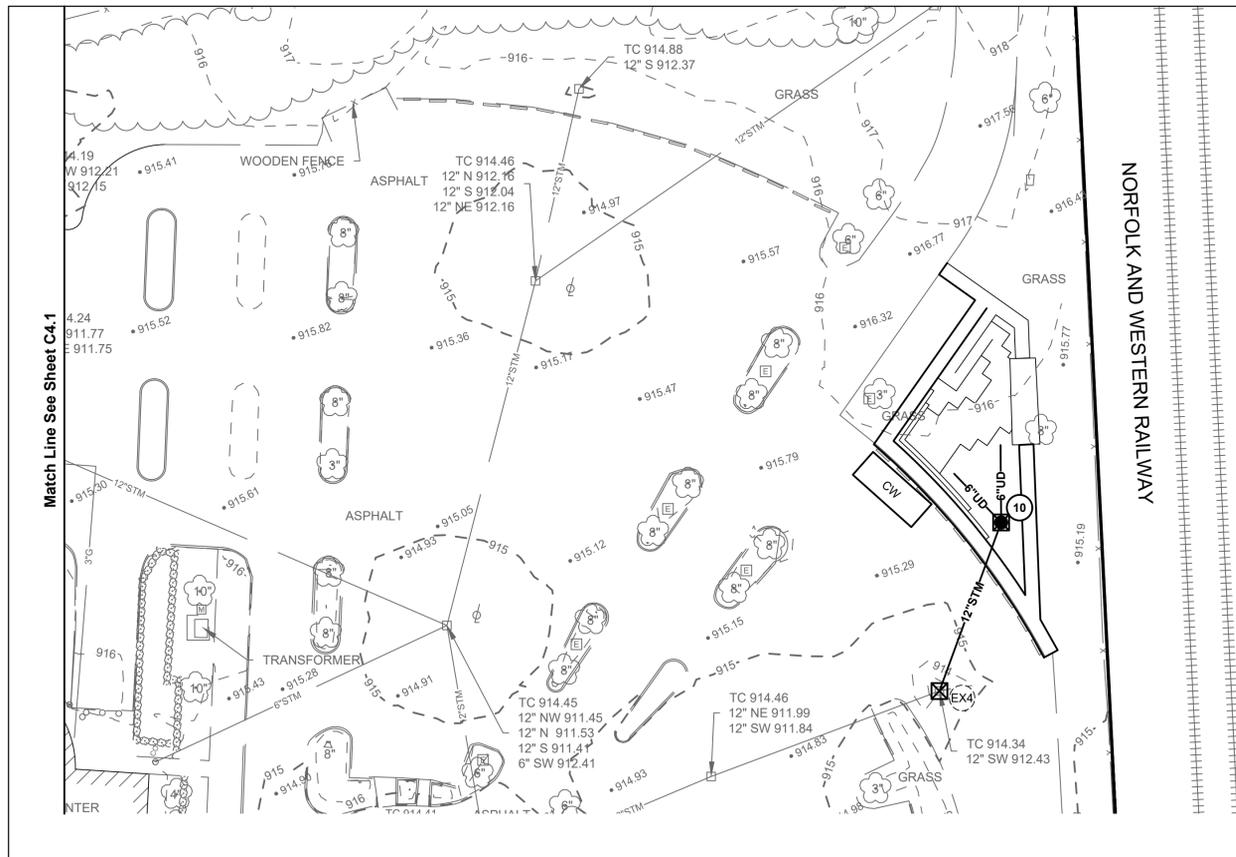
Project Info  
Project # 19061  
Date 04/10/2019  
By xx  
Scale As Shown

Revisions

SEDIMENT & EROSION  
CONTROL PLAN

<p><b>NOT FOR CONSTRUCTION</b></p> <p>○ CONCEPTUAL DESIGN</p> <p>○ SCHEMATICS</p> <p>● DESIGN DEVELOPMENT</p> <p>○ WORKING DRAWINGS FOR REVIEW</p>	<p><b>KORDA</b></p> <p>KORDA NEMETH ENGINEERING</p> <p>1650 WATERMARK DRIVE SUITE 200 COLUMBUS, OHIO 43215</p>
	<p>DRAWN BY: NAL</p>
	<p>DESIGNED BY: NAL</p>
	<p>CHECKED BY: JCT</p>
	<p>PROJECT NUMBER: 2019-0008</p>

C4.1



**LEGEND**

**EXISTING**  
REFER TO ORIGINAL SURVEY, SHEET TS.1.0-TS.1.2

**PROPOSED**

- INDEX CONTOUR
- INTERMEDIATE CONTOUR
- LIMITS OF CONSTRUCTION
- SF SILT FENCE PER DETAIL B/C4.3
- INLET FILTER PER DETAIL A/C4.3
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GRAPHIC SCALE  
SCALE IN FEET

0 30 60 90

**GENERAL NOTES:**

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SEDIMENT & EROSION  
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- CONCEPTUAL DESIGN
- SCHEMATICS
- DESIGN DEVELOPMENT
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DRAWN BY: NAL  
DESIGNED BY: NAL  
CHECKED BY: JCT  
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C4.2



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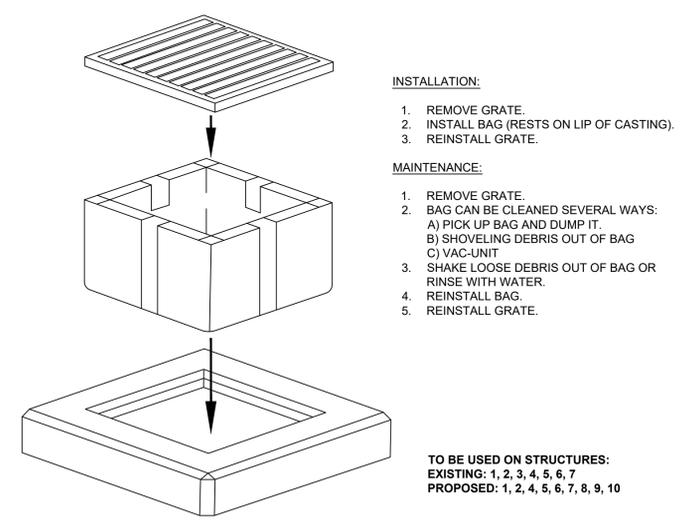
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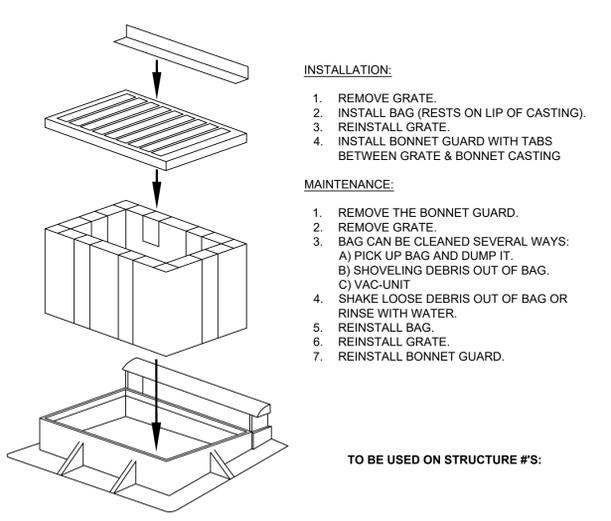
SEDIMENT & EROSION  
CONTROL DETAILS

C4.3



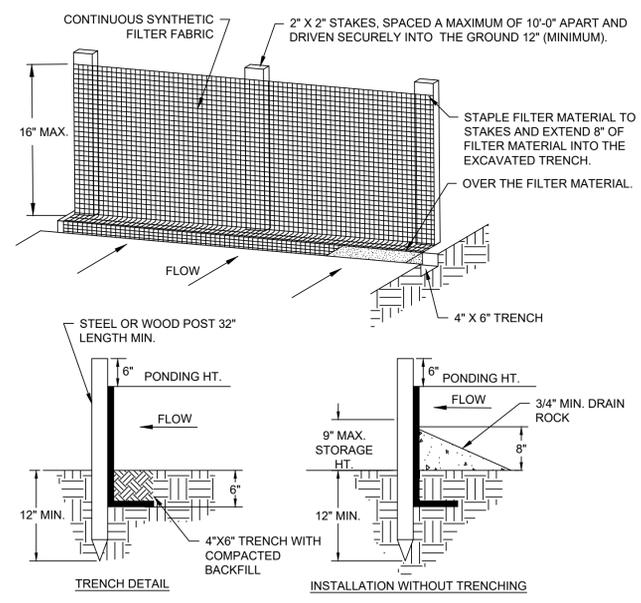
**A** DETAIL  
INLET FILTER (BELOW GRATE INLET PROTECTION)

N.T.S.



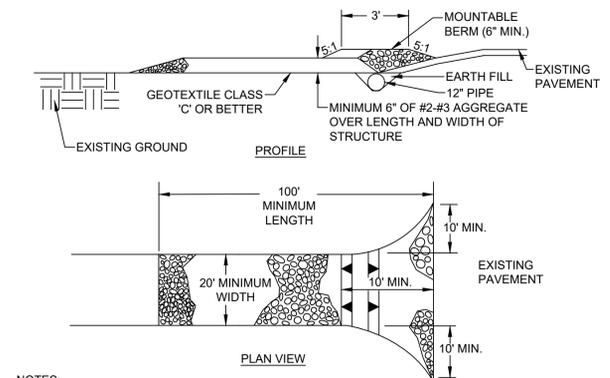
**B** DETAIL  
SILT FENCE

N.T.S.



NOTES:

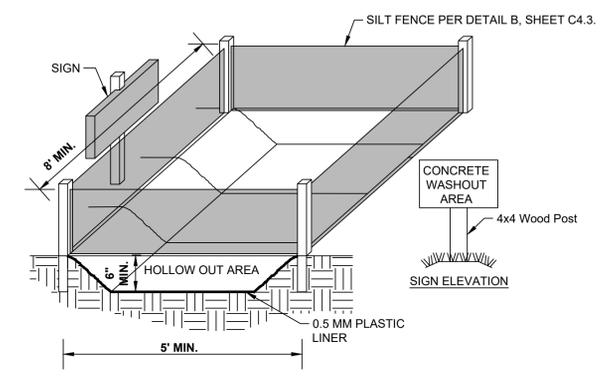
- GENERAL
1. CONSTRUCT SILT FENCE BEFORE UPSLOPE DISTURBANCE BEGINS.
  2. BRING ENDS OF SILT FENCE UPSLOPE SLIGHTLY SO THAT PONDING WATER WILL BE PREVENTED FROM FLOWING AROUND ENDS.
  3. WHEN POSSIBLE PRESERVE VEGETATION 5 FEET UP UPSLOPE OF THE SILT FENCE. IF REMOVED, REESTABLISH WITHIN 7 DAYS FROM INSTALLATION OF FENCE.
  4. SILT FENCE SHALL BE PLACED ON SLOPE CONTOURS TO MAXIMIZE PONDING EFFICIENCY.
  5. THE FILTER FABRIC SHALL BE PURCHASED IN A CONTINUOUS ROLL CUT TO THE LENGTH OF THE BARRIER TO AVOID THE USE OF JOINTS. WHEN JOINTS ARE NECESSARY, FILTER CLOTH SHALL BE SPLICED TOGETHER ONLY AT A SUPPORT POST, WITH A MINIMUM OF A 6 INCH OVERLAP, AND SECURELY SEALED.
  6. THE STANDARD STRENGTH FILTER FABRIC SHALL BE STAPLED OR WIRED TO THE FENCE, AND 8 INCHES OF THE FABRIC SHALL BE EXTENDED INTO THE TRENCH. THE FABRIC SHALL NOT EXTEND MORE THAN 16 INCHES ABOVE THE ORIGINAL GROUND SURFACE. FILTER FABRIC SHALL NOT BE STAPLED TO EXISTING TREES.
  7. THE TRENCH SHALL BE BACKFILLED AND SOIL COMPACTED OVER THE FILTER FABRIC.
  8. SILT FENCES SHALL BE REMOVED WHEN THEY HAVE SERVED THEIR USEFUL PURPOSE, BUT NOT BEFORE THE UPSLOPE AREA HAS BEEN PERMANENTLY STABILIZED.
  9. THE USE OF STRAW WATTLES HAS PROVEN TO BE A VERSATILE AND EFFECTIVE ESC BMP, ESPECIALLY IN RESIDENTIAL SETTINGS. STRAW WATTLES MAY BE SUBSTITUTED FOR SILT FENCE.
  10. THE USE OF COMPOST FILTER SOCKS AND COMPOST BLANKETS ARE GAINING WIDER ACCEPTANCE NATIONWIDE. THEY ARE NOW APPROVED FOR USE ON ALL COLUMBUS SWP3 PLANS AND CONSTRUCTION SITES.
  11. STRAW WATTLES AND COMPOST ROLLS TO BE A MINIMUM OF 12" IN DIAMETER.
- MAINTENANCE
1. SILT FENCES AND FILTER BARRIERS SHALL BE INSPECTED IMMEDIATELY AFTER EACH RAINFALL AND AT LEAST DAILY DURING PROLONGED RAINFALL. ANY REQUIRED REPAIRS SHALL BE MADE IMMEDIATELY. SHOULD THE FABRIC ON A SILT FENCE OR FILTER BARRIER DECOMPOSE OR BECOME INEFFECTIVE PRIOR TO THE END OF THE EXPECTED USABLE LIFE AND THE BARRIER IS STILL NECESSARY, THE FABRIC SHALL BE REPLACED PROMPTLY.
  2. SEDIMENT DEPOSITS SHOULD BE REMOVED AFTER EACH STORM EVENT. THEY MUST BE REMOVED WHEN DEPOSITS REACH APPROXIMATELY ONE-HALF THE HEIGHT OF THE BARRIER.
  3. ANY SEDIMENT DEPOSITS REMAINING AFTER THE SILT FENCE OR FILTER BARRIER IS NO LONGER REQUIRED SHALL BE DRESSED TO CONFORM WITH THE EXISTING GRADE, PREPARED AND SEEDED.



- NOTES:
1. LENGTH - MINIMUM OF 100'
  2. WIDTH - 20' MINIMUM, SHOULD BE FLARED AT THE EXISTING ROAD TO PROVIDE A TURNING RADIUS.
  3. GEOTEXTILE FABRIC (FILTER CLOTH) SHALL BE PLACED OVER THE EXISTING GROUND PRIOR TO PLACING STONE.
  4. STONE - CRUSHED AGGREGATE (#2 TO #3) OR RECLAIMED OR RECYCLED CONCRETE EQUIVALENT SHALL BE PLACED AT LEAST 6" DEEP OVER THE LENGTH AND WIDTH OF THE ENTRANCE.
  5. SURFACE WATER - ALL SURFACE WATER FLOWING TO OR DIVERTED TOWARD CONSTRUCTION ENTRANCES SHALL BE PIPED THROUGH THE ENTRANCE, MAINTAINING POSITIVE DRAINAGE. PIPE INSTALLED THROUGH THE STABILIZED CONSTRUCTION ENTRANCE SHALL BE PROTECTED WITH A MOUNTABLE BERM WITH 5:1 SLOPES AND A MINIMUM OF 8" OF STONE OVER THE PIPE.
  6. LOCATION - A STABILIZED CONSTRUCTION ENTRANCE SHALL BE LOCATED AT EVERY POINT WHERE CONSTRUCTION TRAFFIC ENTERS OR LEAVES A CONSTRUCTION SITE. VEHICLES LEAVING THE SITE MUST TRAVEL OVER THE ENTIRE LENGTH OF THE STABILIZED CONSTRUCTION ENTRANCE.
  7. MAINTENANCE - THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO PUBLIC RIGHT-OF-WAY. THIS MAY REQUIRE PERIODIC TOP DRESSING WITH ADDITIONAL STONE AS CONDITIONS DEMAND AND REPAIR AND/OR CLEANOUT OF ANY MEASURES USED TO TRAP SEDIMENT. ALL SEDIMENT SPILLED, DROPPED, WASHED, OR TRACKED ONTO PUBLIC RIGHT-OF-WAY MUST BE REMOVED IMMEDIATELY.
  8. WASHING - WHEELS SHALL BE CLEANED TO REMOVE SEDIMENT PRIOR TO ENTRANCE ONTO PUBLIC RIGHT-OF-WAYS. WHEN WASHING IS REQUIRED, IT SHALL BE DONE ON AN AREA STABILIZED WITH STONE AND WHICH DRAINS INTO AN APPROVED SEDIMENT TRAPPING DEVICE.
  9. PERIODIC INSPECTION AND NEEDED MAINTENANCE SHALL BE PROVIDED AFTER EACH RAIN.

**C** DETAIL  
STABILIZED CONSTRUCTION ENTRANCE

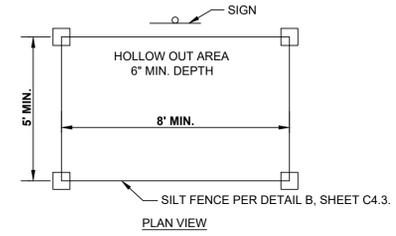
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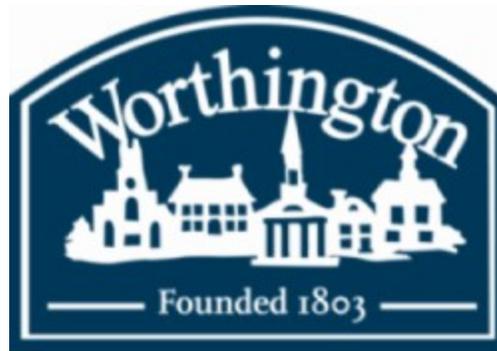
- NOTES:
1. CONCRETE TRUCKS SHALL UTILIZE AREAS TO WASHOUT TRUCKS.
  2. ACCUMULATED CONCRETE SHALL BE REMOVED FROM THE SITE AND DISPOSED PROPERLY.
  3. PLACE PLASTIC LINER OVER THE ENTIRE HOLLOW OUT AREA PRIOR TO USE.
  4. PROVIDE ITEMS NOTED ABOVE INCLUDING REMOVAL OF CONCRETE WASHOUT UPON COMPLETION OF THE PROJECT AS NOTED IN THE BID PRICE FOR THE PROJECT.
  5. FILL HOLLOW AREA TO A DEPTH OF 4 TO 6 INCHES WITH CMSC ITEM 703 AGGREGATE, SIZE #57, #2, OR #4.
  6. USE OF ROLL AWAY OR OTHER PORTABLE CONTAINERS IS AN ACCEPTABLE ALTERNATIVE (AND HIGHLY ENCOURAGED) PROVIDED THEY ARE USED IN ACCORDANCE WITH NPDES GUIDELINES ON CONCRETE WASHOUT.

**D** DETAIL  
CONCRETE TRUCK WASHOUT AREA

N.T.S.



<b>NOT FOR CONSTRUCTION</b>	<b>KORDA</b> KORDA NEMETH ENGINEERING 1650 WATERMARK DRIVE SUITE 200 COLUMBUS, OHIO 43215
<input type="radio"/> CONCEPTUAL DESIGN	DRAWN BY: NAL
<input type="radio"/> SCHEMATICS	DESIGNED BY: NAL
<input checked="" type="radio"/> DESIGN DEVELOPMENT	CHECKED BY: JCT
<input type="radio"/> WORKING DRAWINGS FOR REVIEW	PROJECT NUMBER: 2019-0008



**STAFF MEMORANDUM**  
**City Council Meeting - April 16, 2020**

Date: April 20, 2020

To: Matthew H. Greeson, City Manager

From: Robyn Stewart, Assistant City Manager

Subject: **SR-161 & Linworth Road Intersection - Letter to Franklin County  
Transportation Improvement District**

---

**EXECUTIVE SUMMARY**

Staff seeks a motion from City Council authorizing the City Manager to submit a letter on behalf of the City of Worthington to the Franklin County Transportation Improvement District (TID) requesting that the TID add to its list of projects and apply for Federal Attributable Transportation Funds for the intersection improvement project at SR-161 and Linworth Road.

**RECOMMENDATION**

Motion authorizing the letter to the Franklin County TID

**BACKGROUND/DESCRIPTION**

In 2017, the City of Worthington, City of Columbus, Perry Township, Mid Ohio Regional Planning Commission (MORPC), Franklin County Engineer's Office and the Ohio Department of Transportation (ODOT) partnered in a feasibility study of SR-161 between Olentangy River Road and Sawmill Road to evaluate improvements that could be made to reduce congestion, increase safety and provide pedestrian and bicycle accommodations. Mead & Hunt provided consulting support for the study in the form of meeting facilitation, public communications and engagement, and civil and traffic engineering analysis. A steering committee comprised of representatives of the project partners, neighborhoods along the corridor, and other interested parties helped to inform and guide the work. A number of Worthington residents were actively engaged on the steering committee and/or provided comments and feedback through the public engagement process. The study identified the

Linworth Road intersection as the most congested area along the study corridor between the west side of the Olentangy River Road intersection to the east side of the Sawmill Road intersection. As a result, a project to improve the intersection at Linworth Road is recommended to be completed first.

Based on the 2016 traffic analysis, the Linworth Road & SR-161 intersection has a current overall Level of Service of D (on an A-F scale) during the AM and PM peak times. Without any improvements, the intersection is projected to have a Level of Service of F by 2040 during peak times. The recommended improvements at the intersection involve the addition of turn lanes, upgrades for the signal, optimization of the alignment, a shared use path on the south side, and additional evaluation of a sidewalk on the north side, a shared use path and/or sidewalk along Linworth Road, crosswalk treatments, and utilities near the intersection. Additional information about the study and its recommendations is available on the City's website at [www.worthington.org/161](http://www.worthington.org/161).

This area serves as a key entrance into the City of Worthington from the west and this corridor is actively used by Worthington residents and businesses particularly on the western side of Worthington. It is a complicated area to address given the multitude of jurisdictions in the area. The area is divided up jurisdictionally between Worthington, Columbus and Perry Township and it is a State Route. The study partners have remained in contact with each other to seek ways to move the study recommendations forward toward implementation. Funding needs to be identified for the improvements and the partners have discussed asking the Franklin County Transportation Improvement District to take the lead in submittal of an application for federal attributable funding for the intersection project.

The following is a breakdown of the estimated costs for the project and how much could be funded with federal funds, if approved. These amounts are rough estimates since we have only completed work at a conceptual level. They will be refined during detailed design.

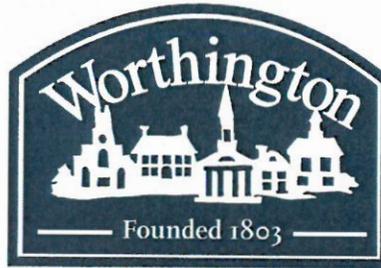
Design	\$500,000 (100% local)
Right of Way	\$5,000,000 (20% local, 80% federal)
Construction	\$2,500,000 (20% local, 80% federal)

The partners have not yet determined how the local share will be allocated across the jurisdictions. If the application for federal funds is successful, much of the project costs would be federally funded. The partners can also pursue Ohio Public Works Commission grant funds to further offset costs. There is a tax increment financing (TIF) agreement in place at Linworth Crossing and staff expects the TIF to be able to cover the Worthington costs. The TIF funds from Linworth Crossing can only be used in proximity of that site, so they are not available for other CIP projects throughout the City.

The first step toward identifying funding for this project is to apply for federal attributable funds through the Mid Ohio Regional Planning Commission (MORPC). Staff is seeking City Council support to submit a letter to the Franklin County TID requesting that this project be added to its project list and the TID submit an application for attributable funds for the project.

**FINANCIAL IMPLICATIONS/FUNDING SOURCES** (if applicable)

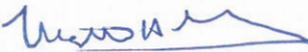
The City Worthington's share has not been identified to date. Right of way acquisition and construction is projected to occur outside of the current Capital Improvements Program window, although design would likely occur in 2021 or 2022. The City can use TIF funds for its share of the design costs.



## Office of the City Manager

April 15, 2020

TO: Members of City Council

FROM: Matt Greeson   
City Manager

SUBJECT: Preliminary Projections – Fiscal Impact of COVID-19

In March, in response to the global COVID-19 pandemic, leaders issued declarations of emergency at the federal, state and local levels of government. Additionally, the Director of the Ohio Department of Health issued a series of orders that promote responsible social distancing and have been aimed at limiting the spread of the disease in Ohio. These unprecedented orders closed schools, limited the sale of food from restaurants, closed senior and community centers, closed playgrounds, limited gatherings, and required the people of Ohio to stay at home “unless they are engaged in Essential Activities, Essential Governmental Functions, or to operation Essential Businesses and Operations”...

The City of Worthington has temporarily closed the Community and Griswold Centers, adjusted operations, closed facilities to public access and used proactive work at home strategies for many employees in order to limit interaction and promote social distancing. Many businesses in the community have done the same and, in some cases, ceased operations pending lifting of restrictions. While critical to successfully combating the spread of disease, these restrictions will have a significant economic impact and lead to a reduction in various types of revenue to the City. Businesses and organizations are furloughing workers and there are record numbers of people applying for unemployment.

Given the community-wide scale of this event, we anticipate that COVID-19 will have a comprehensive or system-wide impact on the City, likely affecting most if not all revenue streams. It will be many months or longer before we can accurately account for the full impacts of the emergency. Factors that will influence the overall fiscal impact of COVID-19 on the City include: the length of the stay at home order; when facilities like the Community and Griswold Center can open and provide revenue generating programs; funding availability from the state and federal government; the actions of local businesses; the depth, length and characteristics of any economic recession; and whether there are periodic increases in disease cases that result in the return of closures after some re-opening of the economy.

In order to ensure continuity of core services to Worthington’s citizens and maintain the fiscal health of the City government, it is necessary to develop various revenue reduction scenarios and begin plans for reducing operating and capital budget expenditures. The following memorandum

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begins to share preliminary projections for the fiscal impact of the COVID-19 emergency. This information will be supplemented, and additional scenarios developed in the coming weeks and months as more information becomes available.

Additionally, it seeks to summarize some of the expenditure reduction or cash conservation measures taken to date and notify you that Department and Division Directors are working on additional strategies and plans.

### **Preliminary Revenue Impact Projections**

#### **Income Tax**

The adopted Fiscal Year (FY) Operating Budget projects receipt of \$29,417,468 in General Fund revenues. 70% or \$20,872,000 of this revenue was projected to be received from income taxes.

The adopted FY 2020 Capital Improvement Program (CIP) relies on an allocation of 20% or \$5,218,000 of the overall income tax revenues to support projects, equipment purchases and debt service payments.

Last week, we received projections from the Regional Income Tax Agency (RITA), estimating potential COVID-19 loss of income tax revenues as follows:

1. **Impact of delayed receipt of income tax revenues** from the State of Ohio extending the filing and payment deadlines until July 15, 2020. These revenues would normally be received between April and August and will now likely be received in August through November.
  - a. Individual estimated projected *delay* = **\$1,353,800**
  - b. Net Profit estimated projected *delay* = **\$1,863,500**
  
2. **Loss of individual and employer withholding of income taxes** as a result of business being closed, reduction in employee pay, and unemployment. This projection uses a scenario where there is a sharp 20% drop in wages and income tax revenue in the first four months of the emergency (March – June) followed by a gradual return of the economy reflected in a 10% loss (July – September) and a 5% loss (October – December 2020).
  - a. Individual estimated projected *loss* = **\$246,100**
  - b. Withholding estimated projected *loss* = **\$1,979,800**

RITA did not provide an estimate of Net Profit loss. The City's Finance Department estimated this for purposes of evaluation.

  - c. Net Profit estimated projected *loss* = **\$250,000**

**This one scenario shows a projected income tax loss of \$2,475,900, which is approximately 10.5% below FY 2019 actual collections, 9.5% below FY 2020 estimates.**

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### **Parks and Recreation Revenues**

The FY 2020 budget anticipates \$2,520,680 in various revenues from Community Center and Griswold Center memberships, lesson and program revenues, field and facility rentals and sponsorships. With the closure of facilities and fields, there is no revenue generating activity occurring. It is difficult to know when activities at the Community and Griswold Centers will resume, what specific activities will be allowed and how those will need to be managed. Additionally, it is unknown how member preferences may change.

3. **Loss based on duration of closure of Parks and Recreation facilities and programs.** This assumes all revenue generating activities are closed for a certain period. Projections are based upon proportion of revenue generated during same time period in FY 2019.
  - a. If facilities and programs were able to resume by May 6, 2020 (we do not believe this will occur), staff projects a *loss* = **\$330,000**
  - b. If facilities and programs were able to resume by June 2, 2020, staff projects a *loss* = **\$544,000**

Summer is a unique time period for the City and one in which we operate numerous camps for school aged children. Staff has separately estimated the potential loss of this revenue. Cancellation of some, but not all camps, or only offering camps after a certain date would alter this estimate.

- c. Cancellation of all summer camps would result in additional revenue *loss* = **\$188,000**

### **Other Revenues and Funds**

Staff is reviewing other revenues and funds to inform future projections. This includes:

4. **Reduction in Gas Tax revenues.** Staff expects a near term loss of revenue for the Street Maintenance and Repair Fund as there is less consumption of gas from fewer people driving during Stay at Home orders.
5. **Reduction in Court Fines and Fees.** Similarly, the City-managed Mayor's Court largely hears cases related to traffic fines. Staff expects Stay at Home orders to reduce the number of traffic tickets issued and therefore near-term reductions in these revenues.

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6. **Potential reduction in building permits and fees.** Staff continues to receive, review and inspect construction projects and has seen residential remodeling continue. However, we expect some overall slow down in activity and, therefore, reduced collection of permit fees.
7. **Reduction in Hotel/Motel Tax (bed tax).** The FY 2020 budget already factors a loss of bed tax revenue due to the redevelopment of the former Holiday Inn property. However, the announcement that this project will not move forward as a hotel will impact 5-year forecast projections, with only one property contributing funds. This revenue is split between the City at 34% and the Convention and Visitors Bureau Fund 66%. Revenues from this tax were previously estimated at \$225,000 in FY 2021.
8. **Impact on other Revenues.** It is hard to project, but we will assess and monitor potential impact on other revenues. Important General Fund revenues to monitor include property taxes, state provided local government funds, contracts for services to other governmental entities and fees for emergency medical services.

### **Expenditure Reduction Plans**

The City has moved into a cash conservation mode, attempting to delay and reduce expenditures on non-COVID-19 related response activities. The goal is to blunt the near-term impact of revenue reduction and give time to develop more comprehensive financial response plans as more information becomes available. Department and Division Directors have been asked to develop expense reduction plans, which will be adjusted based on the development of revised financial scenarios. We are evaluating both the Operating Budget and CIP. In the coming weeks, we will be sharing and discussing these strategies with you. Some decisions will not wait for plans to be complete and we will touch base with you at each meeting on these time sensitive items. Some of the initial actions we have taken include:

#### **Initial Actions**

- Not filling 3 vacancies; essentially instituting a hiring freeze for non-first responder positions
- Canceling all travel
- Canceled training not related to maintenance of certifications
- Delaying (with the likelihood of canceling) the hiring of summer seasonal positions for Parks Maintenance, Service, and City Hall (intern)
- Instituting review of all CIP projects and equipment purchases and delaying or canceling those that are not critical to continue
- Instituting review of all departmental operating budgets for the development of a financial action strategy, using the MoSCoW framework to critically evaluate and prioritize those things the City “Must do, Should do, Could do and Won’t do” during the remainder of FY 2020.
- Furloughed all non-essential part-time employees.

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### **Anticipated Need to Use Fund Balance/Reserves**

Income tax collections through March have been strong and April financial reports will likely indicate a similar positive trend. This is because they reflect business and employment activity prior to the onset of COVID-19 restrictions. The impact of COVID-19 will “show up” in the financial reports starting in May, June and July. We anticipate seeing a sharp decline in revenue with the timing and duration uncertain as previously described.

As discussed above, it will be recommended that we take a series of actions to reduce expenditures. However, even with these actions, we will likely need to use General Fund Balance (reserves) to ensure continuity of operations. We are not proposing to reduce expenditures equal to the pace and amount of revenue reduction in the near term as this would result in significant service reductions, although we may not be able to completely avoid service impacts in 2020. We have imperfect revenue information and large portions of our budget are essential public safety expenditures that should not be reduced, particularly during an emergency.

A primary purpose of the City’s Fund Balance and Carryover Reserve Policy is to maintain financial and operational stability during emergency or unforeseen events. This City Council has worked diligently to adopt financially prudent reserve policies and build the General Fund balance. It is evident that we will need to rely on the General Fund Balance in 2020 in response to COVID-19. We anticipate working to address longer-term fiscal projections and strategies when we develop the 2021 Operating Budget and the 2021-2025 Capital Improvements Program.

### **Closing Thoughts**

Our emergency financial response strategies will be built, in part, on balancing short- and long-term expenditure reductions with short term use of fund balance. State and Federal programs have and are being further developed to support various areas of the economy, including local governments. It is uncertain at this time how much we may receive in reimbursements of emergency response expenses or funds for general support. We will factor this information into the revenue projections as information becomes available but should not expect that it will be enough to significantly replace lost revenue. We should strive to respond to this emergency in a way that preserves the City’s tradition of excellent city services, but recognize that we may have to delay implementation; alter, cancel or reduce projects and services our citizens have become accustomed to and that we all think are important, at least for a while. We will mitigate the need to do this through cautious spending and careful use of fund balance. However, we must also remember the need to preserve a financially responsible fund balance or carryover reserve for the future; balancing the use of savings with the value of the expenditure cuts it prevents. It will be challenging; we may need to ask you to revisit previously agreed upon priorities; we will need to plan for different scenarios and be flexible in our approach.

