



BELLBROOK CITY COUNCIL AGENDA

June 22, 2020

City of Bellbrook
15 E. Franklin Street
Bellbrook, Ohio 45305

T (937) 848-4666
F (937) 848-5190

www.cityofbellbrook.org

REMOTE TELECONFERENCE MEETING**

Due to COVID-19, this meeting will be held via Zoom teleconferencing. Live streaming of the meeting is available on the City's government channel (via Spectrum/Ch 5) and YouTube channel (Bellbrook City Hall).

Should any member of the public wishing to submit comments and/or questions for Council consideration may do so by emailing the Clerk of Council at p.timmons@cityofbellbrook.org by 3 p.m. on 6/22/2020. Any comments or questions received will be shared with the Mayor and Council.***

** Note: The June 22, 2020 meeting of the Bellbrook City Council will be conducted as a remote meeting, pursuant to H.B. #197.

7:00 pm-Regular Meeting

1. Call to Order
2. Pledge of Allegiance
3. Roll Call
4. Approval of the minutes of June 8, 2020
5. Mayor's Announcements
6. Public Hearing of Ordinances - none
7. Introduction of Ordinances
8. Resolutions
 - **Resolution 2020-M** - A Resolution by Bellbrook City Council to Request the City of Bellbrook's Share of Funds from the County Coronavirus Relief Distribution Fund and Affirming that Upon Receipt of Such Funds, All Expenditures Therefrom Will be in Compliance with Section 5001 of the Cares Act and Any Other Applicable Laws and Regulations (Edwards)
 - **Resolution 2020-N** – A Resolution Establishing a New Special Revenue Fund Titled "Local Coronavirus Relief Fund" (Middlestetter)
9. City Manager Report
10. Old Business
 - North Belleview Road Update - LJB
 - Design and Cost Estimate Presentation
 - Motion to Solicit Bids
 - Park Commissioner Candidate
11. New Business
 - Tax Budget and 2021 Reporting

12. Committee Reports
 - A. Service
 - B. Safety
 - C. Finance/Audit
 - D. Community Affairs
13. Comments
14. Adjourn

Future Items

- Regular Meeting Items:
 - Ordinance approving Supplemental Appropriations
 - Ordinance repealing old Comprehensive Plan references
 - Resolution repealing old Comprehensive Plan references
 - Ordinance adopting Comprehensive Plan
 - Ordinance to Update Zoning Code 18.20B
 - Ordinance to Amend Vacancy Registration Requirements
- Work Session
 - Council-Manager Overview
 - Sunshine Law Update

RECORD OF PROCEEDINGS

Minutes of Bellbrook City Council Executive Session and Regular Meeting
June 8, 2020

Due to the COVID-19 pandemic the June 8, 2020 City Council Meeting was conducted using Zoom's remote meeting platform.

PRESENT: Ernie Havens
T.J. Hoke
Dr. David Van Veldhuizen
Forrest Greenwood
Elaine Middlestetter
Nick Edwards
Mayor Mike Schweller

ALSO PRESENT: City Manager Melissa Dodd and Service Director Ryan Pasley

Mayor Schweller called the meeting to order at 6:00 pm.

ROLL CALL

Mr. Hoke, yes; Mr. Havens, yes; Dr. Van Veldhuizen, yes; Mr. Greenwood, yes; Mrs. Middlestetter, yes; Mr. Edwards, yes; Mayor Schweller, yes.

Mr. Edwards made a motion to enter into Executive Session to discuss the sale or lease of land. Dr. Van Veldhuizen seconded the motion. The Clerk called the roll. Mr. Edwards, yes; Dr. Van Veldhuizen, yes; Mr. Hoke, yes; Mr. Havens, yes; Mr. Greenwood, yes; Mrs. Middlestetter, yes; Mayor Schweller, yes. The motion passed 7-0.

APPROVAL OF MINUTES

After polling the members of City Council about the regular meeting minutes of May 20, 2020 Mayor Schweller declared the minutes approved.

RESOLUTIONS

Dr. Van Veldhuizen introduced Resolution 2020-J A Resolution Designating Pamela Timmons as Bellbrook City Council's Designee to Receive Public Records Training on Behalf of Each of the Elected Officials Pursuant to and in Accordance with Ohio Revised Code Section 109.43(B) and 149.43(E) (1)

Dr. Van Veldhuizen made a motion to adopt Resolution 2020-J A Resolution Designating Pamela Timmons as Bellbrook City Council's Designee to Receive Public Records Training on Behalf of Each of the Elected Officials Pursuant to and in Accordance with Ohio Revised Code Section 109.43(B) and 149.43(E) (1). Mrs. Middlestetter seconded the motion. The Clerk called the roll. Dr. Van Veldhuizen, yes; Mrs. Middlestetter, yes; Mr. Hoke, yes; Mr. Havens, yes; Mr. Greenwood, yes; Mr. Edwards, yes; Mayor Schweller, yes. The motion passed 7-0.

RECORD OF PROCEEDINGS

Minutes of Bellbrook City Council Executive Session and Regular Meeting
June 8, 2020

Mr. Havens read Resolution 2020-K A Resolution Authorizing the City Manager to Enter into an Agreement with the Bellbrook-Sugarcreek Local School District for School Security.

Mrs. Dodd explained that this is an agreement that is renewed before each school year. The officers and students all enjoy it. The amount the school pays remained the same.

Mr. Greenwood asked about how the schools closing for the end of the year due to COVID-19 affected what the City was paid. Mrs. Dodd will contact the Superintendent since the city had already been paid for the year.

Mr. Havens made a motion to adopt Resolution 2020-K A Resolution Authorizing the City Manager to Enter into an Agreement with the Bellbrook-Sugarcreek Local School District for School Security. Mr. Hoke seconded the motion. The Clerk called the roll. Mr. Havens, yes; Mr. Hoke, yes; Dr. Van Veldhuizen, yes; Mr. Greenwood, yes; Mrs. Middlestetter, yes; Mr. Edwards, yes; Mayor Schweller, yes. The motion passed 7-0.

Mr. Hoke read Resolution 2020-L A Resolution Authorizing the City Manager to Enter into an Agreement with the Bellbrook-Sugarcreek Local School District for Security at Home Football Games. This is also an annual agreement. The amount the school pays remains the same at \$125.00 per officer per game.

Mayor Schweller asked if the Township was paid the same for both of these security items. Mrs. Dodd said she would find that information.

Mr. Hoke made a motion to adopt Resolution 2020-L A Resolution Authorizing the City Manager to Enter into an Agreement with the Bellbrook-Sugarcreek Local School District for Security at Home Football Games. Mr. Edwards seconded the motion. The Clerk called the roll. Mr. Hoke, yes; Mr. Edwards, yes; Mr. Havens, yes; Dr. Van Veldhuizen, yes; Mr. Greenwood, yes; Mrs. Middlestetter, yes; Mayor Schweller, yes. The motion passed 7-0.

CITY MANAGER UPDATE

The City Manager was pleased to announce that the City buildings are open to the public again. The Historical Museum will open to the public again on June 10 per state guidelines.

The City received a letter from the magistrate to inform us that the appointment of a new Commissioner to the Bellbrook Sugarcreek Parks District has been delayed due to COVID-19 closures.

The Planning Board is working on updates to Zoning Code Section 18.20(B) Permitted Signs (Village District) and Article 14. When the board is satisfied with the wording, they will vote to send them to Council for review and adoption.

The City has added an electronic newsletter to its communication to Bellbrook residents. The e-newsletter is in addition to the website, FaceBook page, and Quarterly newsletter.

The first Farmer's Market of the season is scheduled for Saturday June 13 from 10 AM until 1 PM. The booths will be spaced every-other parking space to allow for social distancing. There are several new vendors joining. The Farmers Market takes place the second and fourth Saturdays of the month.

RECORD OF PROCEEDINGS

Minutes of Bellbrook City Council Executive Session and Regular Meeting
June 8, 2020

NEW BUSINESS

Mrs. Timmons asked the Council their opinion on when to return to in-person public meetings. The Council Chamber has been set up with 6-foot spacing between every chair. The Zoom platform has worked well but hearings require public comment, so these items have been delayed.

After discussion of the urgency of any public hearings, the decision was reached to use Zoom for the second meeting in June and evaluate the possibility of returning to in person meetings in July.

COMMITTEE REPORTS

Service – Mr. Greenwood reported that the Service Department is fully back to work. Mr. Greenwood asked about a report from LJB concerning the rebuilding of the N Belleview bridge. He asked if the report will contain information on future large rain events and the Department of Transportation inspection process. Mrs. Dodd said LJB will present their report on June 22.

Mrs. Middlestetter asked if they considered the issues caused by the Cornerstone development and dumping by residents.

Dr. Van Veldhuizen answered that the report should include the causes of the collapse and other items to be considered.

Members discussed the importance of looking at the changes that have occurred and water flow up and downstream.

Mr. Havens added that he is the representative to Greene County Regional Planning. At the last meeting it was announced that the zoning is being changed to Office space at the corner of Feedwire and Clio Roads. He voiced Bellbrook's concern about scrutinizing the effect on water flow.

Mrs. Middlestetter added that any removal of permeable land it will affect the land around it. Mrs. Dodd explained that she specifically requested that LJB review water effects through the next downstream culvert in creating their solution for the North Belleview culvert.

Safety – Mr. Hoke reported that he spoke with the Fire and Police Chiefs. The Police have been utilizing on-line training including a recent training on human trafficking. The police are also going to be using Xenia's shooting range for training. They also have on part-time officer going through training. Mr. Hoke added that he spoke with someone from another city who recommends research into community-oriented policing.

Finance – Mr. Edwards explained that the auditors were in the administrative office last week. A report from them should be received in a couple of weeks.

He added that staff was looking at fees charged for credit card payments for utilities. When the new financial software is in place the effect will be smaller than it currently is. The committee concluded that they did not want to charge fees for residents who use credit cards for their utility payments. The two reasons are convenience for residents and no paper checks to handle for staff.

RECORD OF PROCEEDINGS

Minutes of Bellbrook City Council Executive Session and Regular Meeting
June 8, 2020

Community Affairs – Mrs. Middlestetter reported that the Bellbrook Garden Club planted around downtown. She thanked Tom’s Mulch for donating the mulch for the project. She also thanked the Service Department for watering and caring for the plants after planting.

COMMENTS

Mr. Greenwood pointed out the Bellbrook website includes Police Chief Doherty’s open letter to the public.

Mr. Hoke thanked the Service Department for clearing vegetation along Little Sugarcreek Road. He asked about the old trail along the creek and any resources for clearing that path to make it more useable. Mrs. Middlestetter answered that the land is still owned by the developer. That land will be deeded to the city when the development is completed.

Mr. Hoke also spoke to some residents who ask what is being done to downtown. He asked if the city could present a review of work done per the Comprehensive Plan. Mayor Schweller answered that the Plan is on the webpage. The city does not have a lot of money to take on too many projects. Updating the municipal codes is happening as seen by the discussion on the vacant property registry. Mrs. Dodd explained that a GANTT chart was created from the Comprehensive Plan and is updated regularly. Staff will provide the chart to Council. The majority of the work so far has to do with policies and procedures in the Zoning Code. That will give us the base to build from. The code needs a lot of work. The GANTT chart will be sent to Council.

Mr. Havens asked if the creation of a Community Improvement Corporation (CIC) is part of the plan. Mrs. Dodd said it was not specifically part of the plan.

Mr. Havens reported that Greene County Regional Planning has put online the Greene County Master Trails Plan. This map is open for anyone to go in and add trails that are not currently listed on the map. You can also make comments. The public is encouraged to participate.

Mr. Havens announced that unfortunately the Saturday Street Fairs have been canceled for the year. The Lion’s Club Festival has also been canceled. The Lions are looking into some sort of entertainment on that weekend. Also, Sugar Maple Festival organizers are talking with Bellbrook By Design to try to possibly do something in the coming months. Residents should not give up hope.

Dr. Van Veldhuizen thanked the City Manager for letting Council know about the vigil that took place downtown last Friday. He thanked everyone for a peaceful protest. Mrs. Dodd agreed saying that she, several Council members, and City staff were in attendance. They counted approximately 300 people.

Mr. Edwards asked about any plans to sanitize the local parks that will be reopening on Wednesday. Mrs. Dodd explained that the parks are maintained by the Bellbrook Sugarcreek Parks District.

ADJOURN

Being no further business to come before the Bellbrook City Council, Mayor Schweller declared the regular meeting adjourned at 8:09 PM.

RECORD OF PROCEEDINGS

Minutes of Bellbrook City Council Executive Session and Regular Meeting
June 8, 2020

Michael W. Schweller, Mayor

Pamela Timmons, Clerk of Council

RECORD OF RESOLUTIONS

Resolution No. 2020-M

June 22, 2020

CITY OF BELLBROOK, OHIO

RESOLUTION NO. 2020-M

A RESOLUTION BY BELLBROOK CITY COUNCIL TO REQUEST THE CITY OF BELLBROOK'S SHARE OF FUNDS FROM THE COUNTY CORONAVIRUS RELIEF DISTRIBUTION FUND AND AFFIRMING THAT UPON RECEIPT OF SUCH FUNDS, ALL EXPENDITURES THEREFROM WILL BE IN COMPLIANCE WITH SECTION 5001 OF THE CARES ACT AND ANY OTHER APPLICABLE LAWS AND REGULATIONS

WHEREAS, the Coronavirus Aid, Relief, and Economic Security Act, 116 Public Law 136, (the CARES Act) was signed into law by the President of the United States on March 27, 2020; and

WHEREAS, the Ohio General Assembly established a process for distributing funds provided by the "Coronavirus Aid, Relief, and Economic Security Act" in H.B. 481 of the 133rd General Assembly (H.B. 481); and

WHEREAS, H.B. 481 requires subdivisions receiving funds under Section 1 of the act, to pass a resolution affirming that funds from the County Coronavirus Relief Distribution Fund may be expended only to cover costs of the subdivision consistent with the requirements of section 5001 of the CARES Act as described in 42 U.S.C. 801 (formerly 42 U.S.C. 601), and any applicable regulations before receiving said funds; and

WHEREAS, the City of Bellbrook is requesting its share of funds from the County Coronavirus Relief Distribution Fund.

NOW, THEREFORE, BE IT RESOLVED BY THE COUNCIL OF THE CITY OF BELLBROOK, STATE OF OHIO:

Section 1. The City of Bellbrook affirms that all funds received from the County Coronavirus Relief Distribution Fund pursuant to H.B. 481 be expended only to cover costs of the subdivision consistent with the requirements of section 5001 of the CARES Act as described in 42 U.S.C. 801 (formerly 42 U.S.C. 601), and any applicable regulations and guidance only to cover expenses that:

- (1) Are necessary expenditures incurred due to the public health emergency with respect to the Coronavirus Disease 2019 (COVID-19);
- (2) Were not accounted for in the City of Bellbrook's most recently approved budget as of March 27, 2020; and
- (3) Were incurred during the period that begins on March 1, 2020, and ends on December 30, 2020.

RECORD OF RESOLUTIONS

Resolution No. 2020-M

June 22, 2020

- Section 2. In compliance with H.B. 481, be it resolved by the Council of the City of Bellbrook that the City of Bellbrook's Financial Administrative Services Director shall take all necessary action to:
- (1) On or before October 15, 2020, pay any unencumbered balance of money in the City of Bellbrook's local coronavirus relief fund to the County Treasurer;
 - (2) On or before December 28, 2020, pay the balance of any money in the City of Bellbrook's local coronavirus relief fund to the state treasury in the manner prescribed by the City Manager/Finance Director of the Ohio Office of Budget and Management; and
 - (3) Provide any information related to any payments received under H.B. 481 to the Director of the Ohio Office of Budget and Management as requested.
- Section 3. It is hereby found and determined that all formal actions of this Council concerning and relating to the adoption of this Resolution were adopted in an open meeting of this Council, and that any and all deliberations of this Council and any of its committees that resulted in such formal action were in meetings open to the public, in compliance with all legal requirements, including, but not limited to Section 121.22 of the Ohio Revised Code.
- Section 4. This Resolution shall take effect and be in full force from and after the date of its passage.

PASSED this ____ day of _____, 2020.

Michael W. Schweller, Mayor

Pamela Timmons, Clerk of Council

Coronavirus Relief Fund
Guidance for State, Territorial, Local, and Tribal Governments
April 22, 2020

The purpose of this document is to provide guidance to recipients of the funding available under section 601(a) of the Social Security Act, as added by section 5001 of the Coronavirus Aid, Relief, and Economic Security Act (“CARES Act”). The CARES Act established the Coronavirus Relief Fund (the “Fund”) and appropriated \$150 billion to the Fund. Under the CARES Act, the Fund is to be used to make payments for specified uses to States and certain local governments; the District of Columbia and U.S. Territories (consisting of the Commonwealth of Puerto Rico, the United States Virgin Islands, Guam, American Samoa, and the Commonwealth of the Northern Mariana Islands); and Tribal governments.

The CARES Act provides that payments from the Fund may only be used to cover costs that—

1. are necessary expenditures incurred due to the public health emergency with respect to the Coronavirus Disease 2019 (COVID-19);
2. were not accounted for in the budget most recently approved as of March 27, 2020 (the date of enactment of the CARES Act) for the State or government; and
3. were incurred during the period that begins on March 1, 2020, and ends on December 30, 2020.¹

The guidance that follows sets forth the Department of the Treasury’s interpretation of these limitations on the permissible use of Fund payments.

Necessary expenditures incurred due to the public health emergency

The requirement that expenditures be incurred “due to” the public health emergency means that expenditures must be used for actions taken to respond to the public health emergency. These may include expenditures incurred to allow the State, territorial, local, or Tribal government to respond directly to the emergency, such as by addressing medical or public health needs, as well as expenditures incurred to respond to second-order effects of the emergency, such as by providing economic support to those suffering from employment or business interruptions due to COVID-19-related business closures.

Funds may not be used to fill shortfalls in government revenue to cover expenditures that would not otherwise qualify under the statute. Although a broad range of uses is allowed, revenue replacement is not a permissible use of Fund payments.

The statute also specifies that expenditures using Fund payments must be “necessary.” The Department of the Treasury understands this term broadly to mean that the expenditure is reasonably necessary for its intended use in the reasonable judgment of the government officials responsible for spending Fund payments.

Costs not accounted for in the budget most recently approved as of March 27, 2020

The CARES Act also requires that payments be used only to cover costs that were not accounted for in the budget most recently approved as of March 27, 2020. A cost meets this requirement if either (a) the cost cannot lawfully be funded using a line item, allotment, or allocation within that budget *or* (b) the cost

¹ See Section 601(d) of the Social Security Act, as added by section 5001 of the CARES Act.

is for a substantially different use from any expected use of funds in such a line item, allotment, or allocation.

The “most recently approved” budget refers to the enacted budget for the relevant fiscal period for the particular government, without taking into account subsequent supplemental appropriations enacted or other budgetary adjustments made by that government in response to the COVID-19 public health emergency. A cost is not considered to have been accounted for in a budget merely because it could be met using a budgetary stabilization fund, rainy day fund, or similar reserve account.

Costs incurred during the period that begins on March 1, 2020, and ends on December 30, 2020

A cost is “incurred” when the responsible unit of government has expended funds to cover the cost.

Nonexclusive examples of eligible expenditures

Eligible expenditures include, but are not limited to, payment for:

1. Medical expenses such as:
 - COVID-19-related expenses of public hospitals, clinics, and similar facilities.
 - Expenses of establishing temporary public medical facilities and other measures to increase COVID-19 treatment capacity, including related construction costs.
 - Costs of providing COVID-19 testing, including serological testing.
 - Emergency medical response expenses, including emergency medical transportation, related to COVID-19.
 - Expenses for establishing and operating public telemedicine capabilities for COVID-19-related treatment.
2. Public health expenses such as:
 - Expenses for communication and enforcement by State, territorial, local, and Tribal governments of public health orders related to COVID-19.
 - Expenses for acquisition and distribution of medical and protective supplies, including sanitizing products and personal protective equipment, for medical personnel, police officers, social workers, child protection services, and child welfare officers, direct service providers for older adults and individuals with disabilities in community settings, and other public health or safety workers in connection with the COVID-19 public health emergency.
 - Expenses for disinfection of public areas and other facilities, *e.g.*, nursing homes, in response to the COVID-19 public health emergency.
 - Expenses for technical assistance to local authorities or other entities on mitigation of COVID-19-related threats to public health and safety.
 - Expenses for public safety measures undertaken in response to COVID-19.
 - Expenses for quarantining individuals.
3. Payroll expenses for public safety, public health, health care, human services, and similar employees whose services are substantially dedicated to mitigating or responding to the COVID-19 public health emergency.

4. Expenses of actions to facilitate compliance with COVID-19-related public health measures, such as:
 - Expenses for food delivery to residents, including, for example, senior citizens and other vulnerable populations, to enable compliance with COVID-19 public health precautions.
 - Expenses to facilitate distance learning, including technological improvements, in connection with school closings to enable compliance with COVID-19 precautions.
 - Expenses to improve telework capabilities for public employees to enable compliance with COVID-19 public health precautions.
 - Expenses of providing paid sick and paid family and medical leave to public employees to enable compliance with COVID-19 public health precautions.
 - COVID-19-related expenses of maintaining state prisons and county jails, including as relates to sanitation and improvement of social distancing measures, to enable compliance with COVID-19 public health precautions.
 - Expenses for care for homeless populations provided to mitigate COVID-19 effects and enable compliance with COVID-19 public health precautions.
5. Expenses associated with the provision of economic support in connection with the COVID-19 public health emergency, such as:
 - Expenditures related to the provision of grants to small businesses to reimburse the costs of business interruption caused by required closures.
 - Expenditures related to a State, territorial, local, or Tribal government payroll support program.
 - Unemployment insurance costs related to the COVID-19 public health emergency if such costs will not be reimbursed by the federal government pursuant to the CARES Act or otherwise.
6. Any other COVID-19-related expenses reasonably necessary to the function of government that satisfy the Fund's eligibility criteria.

Nonexclusive examples of ineligible expenditures²

The following is a list of examples of costs that would *not* be eligible expenditures of payments from the Fund.

1. Expenses for the State share of Medicaid.³
2. Damages covered by insurance.
3. Payroll or benefits expenses for employees whose work duties are not substantially dedicated to mitigating or responding to the COVID-19 public health emergency.

² In addition, pursuant to section 5001(b) of the CARES Act, payments from the Fund may not be expended for an elective abortion or on research in which a human embryo is destroyed, discarded, or knowingly subjected to risk of injury or death. The prohibition on payment for abortions does not apply to an abortion if the pregnancy is the result of an act of rape or incest; or in the case where a woman suffers from a physical disorder, physical injury, or physical illness, including a life-endangering physical condition caused by or arising from the pregnancy itself, that would, as certified by a physician, place the woman in danger of death unless an abortion is performed. Furthermore, no government which receives payments from the Fund may discriminate against a health care entity on the basis that the entity does not provide, pay for, provide coverage of, or refer for abortions.

³ See 42 C.F.R. § 433.51 and 45 C.F.R. § 75.306.

4. Expenses that have been or will be reimbursed under any federal program, such as the reimbursement by the federal government pursuant to the CARES Act of contributions by States to State unemployment funds.
5. Reimbursement to donors for donated items or services.
6. Workforce bonuses other than hazard pay or overtime.
7. Severance pay.
8. Legal settlements.

RECORD OF RESOLUTIONS

Resolution No. 2020-N

June 22, 2020

City of Bellbrook

Resolution No. 2020-N

A Resolution Establishing a New Special Revenue Fund Titled “Local Coronavirus Relief Fund”.

WHEREAS, the Coronavirus Aid, Relief, and Economic Security Act, 116 Public Law 136, (the CARES Act) was signed into law by the President of the United States on March 27, 2020; and

WHEREAS, the Ohio General Assembly established a process for distributing funds provided by the “Coronavirus Aid, Relief, and Economic Security Act” in H.B. 481 of the 133rd General Assembly (H.B. 481); and

WHEREAS, H.B. 481 requires subdivisions receiving funds under Section 1 of the act, to create a fund to segregate and account for the receipts and expenditures associated with the Coronavirus Aid, Relief, and Economic Security Act; and

WHEREAS, the fund shall be titled the “Local Coronavirus Relief Fund”; and

WHEREAS, the establishment of the Local Coronavirus Relief Fund will allow the City to properly account for receipt of these funds.

Now, Therefore, the City of Bellbrook Hereby Resolves:

Section 1. That the Local Coronavirus Relief Fund is hereby established and shall be numbered as Fund 200 in the City of Bellbrook Chart of Accounts.

Section 2. That this resolution shall take effect and be in force forthwith.

Michael W. Schweller, Mayor

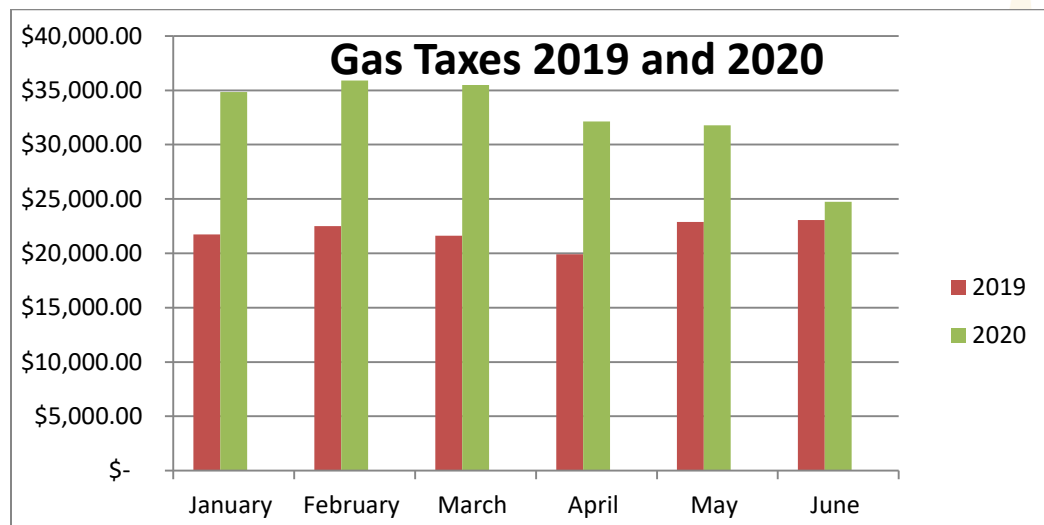
Pamela Timmons, Clerk of Council

To: Mayor & City Council
From: Melissa Dodd, City Manager
Date: June 19, 2020
Subject: June 22nd City Council Meeting

- **Ordinances – None**
- **Resolutions**
 - **2020-M Request to Receive Coronavirus Relief Funds** This is a resolution every municipality must pass in order to receive the Cares Act funds. The Greene County Auditor sent an email just last week stating that our share will be the equivalent of our 2019 local government funds which is **approximately \$80,000**.
 - **2020-N Creation of Local Coronavirus Relief Fund** – As a requirement of receiving the Cares Act funds, they must be segregated into their own fund. This resolution allows me to create the fund.
- **Old Business**
 - **North Belleview Road Presentation** – Tonight LJB will be presenting the design and cost estimates for the repair of North Belleview Road. Once the presentation is finished and Council wishes to proceed, there will need to be a motion to permit LJB to solicit bids for the project. **The project is currently estimated at \$421,023 to replace.** Funding sources are still being identified. With the state budget uncertain, there are not many grant resources, if any.
- **New Business**
 - **Tax Budget** – Due to the pandemic, the requirement for the tax budget submission to the County Auditor was waived. They did provide us with our revenue estimates from property taxes and local government fund for inclusion in a projection of revenues for 2020. I submitted our spreadsheet on the 12th to fulfill our requirement. I wanted to share the information from the County with Council even though we did not have to go through the normal process with a resolution requirement.
- **Updates**
 - **Parks Commissioner Appointment** – The judge issued a new **appointment date for the next Parks Commissioner for September 30, 2020**. I am going to work with the parks and township to coordinate the process per the MOU. The job description, application and instructions to apply are on their website under the “get involved” tab. I will also share this through all of our communication channels.
 - **Property Review Commission appeal case dismissed** – The Property Review Commission **case related to 7 West Franklin Street was dismissed by the courts** last

week. This was an appeal of the decisions on the maintenance violations of the property from a hearing back in November of 2019. **This case cost the city nearly \$12,000** in attorney fees just to respond to the case.

- **Police Negotiations** – The FOP will begin negotiations this week. This time the sergeants have a different FOP rep than the officers so there will be two contracts as a result. I will keep Council informed as we progress. The **current contract expires July 31** but was extended due to COVID-19.
- **Water system discussion with Greene County** – Greene County held a meeting with Xenia’s City Manager and myself to discuss their future water system upgrades which include softening and their expansion goals. They offered the opportunity for us to consider utilizing their system through the purchase of their water. At this time there is not a need to purchase water from another system.
- **First Farmer’s Market** – The first Farmers Market of the season was a success. Most vendors nearly sold out! Even though the market started with a decent downpour, it did not keep folks from stopping and shopping! We still have a few spots left if there are interested vendors. **The next market is this weekend from 10am-1pm.**
- **Gas taxes** – We just realized our first drop in gas taxes. We had been fairly consistent from **January to May with an average of \$34,027.97 received.** For June our receipt was **\$24,742.40 or 27% lower** than the past 5 month average. However, in comparison to last year, prior to the increase, we are still ahead of the **5 month average from 2019 which was \$21,957.**



Estimate Belleview Drive

Estimated Cost:\$419,346.30

Contingency: 0.40%

Estimated Total: \$421,023.69

INFLATION (0.4%) = CONTINGENCY (0.4%)

Base Date: 06/19/20

Spec Year: 19

Unit System: E

Work Type: BRIDGE REPLACEMENT

Highway Type:

Urban/Rural Type: URBAN CLASS

Season: SUMMER

County: GREENE

Latitude of Midpoint: 393846

Longitude of Midpoint: 840541

District: 08

Federal/State Project Number:

Estimate Type: Final Estimate

Prepared by Brant Gressel

Checked by Matt Gardner

<u>Line #</u>	<u>Item Number</u>	<u>Quantity</u>	<u>Units</u>	<u>Unit Price</u>	<u>Extension</u>
<u>Description</u>					
<u>Supplemental Description</u>					

Group 0100: Roadway

0005	202E20010	2.00	EACH	\$1,000.00	\$2,000.00
HEADWALL REMOVED					
0006	202E23010	54.00	SY	\$27.33	\$1,475.82
PAVEMENT REMOVED, ASPHALT					
0007	202E38000	155.00	FT	\$2.37	\$367.35
GUARDRAIL REMOVED					
0008	203E10000	52.00	CY	\$31.82	\$1,654.64
EXCAVATION					
0009	203E20000	592.00	CY	\$14.79	\$8,755.68
EMBANKMENT					
0010	204E10000	202.00	SY	\$3.67	\$741.34
SUBGRADE COMPACTION					
0011	204E45000	1.00	HOUR	\$156.74	\$156.74
PROOF ROLLING					

Total for Group 0100:\$15,151.57

Group 0200: Erosion Control

0012	601E32104	121.00	CY	\$80.40	\$9,728.40
ROCK CHANNEL PROTECTION, TYPE B WITH GEOTEXTILE FABRIC					
0013	659E00300	74.00	CY	\$72.25	\$5,346.50
TOPSOIL					
0014	659E10000	662.00	SY	\$4.22	\$2,793.64
SEEDING AND MULCHING					
0015	659E14000	34.00	SY	\$1.41	\$47.94
REPAIR SEEDING AND MULCHING					
0016	659E15000	34.00	SY	\$1.16	\$39.44
INTER-SEEDING					
0017	659E20000	0.10	TON	\$856.54	\$85.65
COMMERCIAL FERTILIZER					
0018	659E31000	0.14	ACRE	\$211.29	\$29.58
LIME					
0019	659E35000	4.00	MGAL	\$1.66	\$6.64
WATER					
0020	832E15000	1.00	LS	\$5,000.00	\$5,000.00
STORM WATER POLLUTION PREVENTION PLAN					

<u>Line #</u>	<u>Item Number</u>	<u>Quantity</u>	<u>Units</u>	<u>Unit Price</u>	<u>Extension</u>
<u>Description</u>					
<u>Supplemental Description</u>					

Total for Group 0200:\$23,077.79

Group 0300: Drainage

0021	601E38001	66.00	FT	\$350.00	\$23,100.00
PAVED GUTTER, TYPE 1-4, AS PER PLAN					
0022	611E00100	25.00	FT	\$22.14	\$553.50
4" CONDUIT, TYPE B					
0023	611E00900	25.00	FT	\$15.55	\$388.75
6" CONDUIT, TYPE B					
0024	611E01100	25.00	FT	\$19.10	\$477.50
6" CONDUIT, TYPE C					
0025	611E01500	25.00	FT	\$19.55	\$488.75
6" CONDUIT, TYPE F					
0026	611E01800	25.00	FT	\$39.49	\$987.25
8" CONDUIT, TYPE B					
0027	611E99654	1.00	EACH	\$898.98	\$898.98
MANHOLE ADJUSTED TO GRADE					

Total for Group 0300:\$26,894.73

Group 0400: Pavement

0028	254E01000	11.00	SY	\$1.44	\$15.84
PAVEMENT PLANING, ASPHALT CONCRETE					
0029	301E46000	36.00	CY	\$257.35	\$9,264.60
ASPHALT CONCRETE BASE, PG64-22					
0030	304E20000	32.00	CY	\$109.06	\$3,489.92
AGGREGATE BASE					
0031	407E10000	24.00	GAL	\$2.91	\$69.84
TACK COAT					
0032	441E50000	8.00	CY	\$149.58	\$1,196.64
ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448), PG64-22					
0033	441E50300	9.00	CY	\$141.75	\$1,275.75
ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 2, (448)					

Total for Group 0400:\$15,312.59

Group 0800: Traffic Control

LEGEND

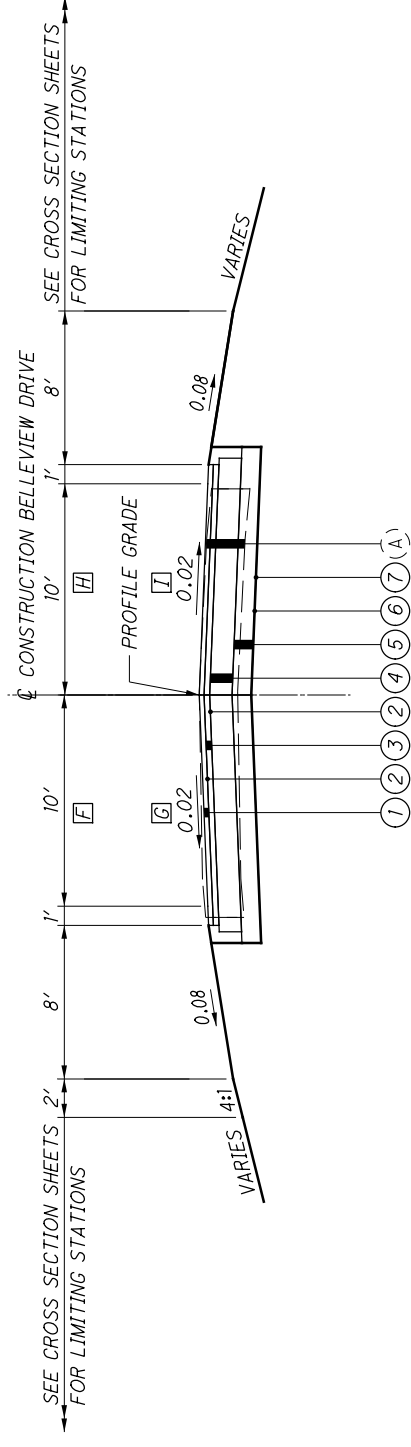
- ① ITEM 441 - 1 1/2" ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448), PG-64-22
- ② ITEM 407 - TACK COAT (APPLIED AT 0.055 GAL/SY)
- ③ ITEM 441 - 1 3/4" ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 2, (448)
- ④ ITEM 301 - 7" ASPHALT CONCRETE BASE, PG64-22 (APPLY IN TWO EQUAL COURSES)
- ⑤ ITEM 304 - 6" AGGREGATE BASE
- ⑥ ITEM 204 - PROOF ROLLING
- ⑦ ITEM 204 - SUBGRADE COMPACTION
- ⑧ ITEM 254 - PAVEMENT PLANING, ASPHALT CONCRETE (1 1/2")

EXISTING PAVEMENT:
 6" ASPHALT CONCRETE
 6" AGGREGATE BASE

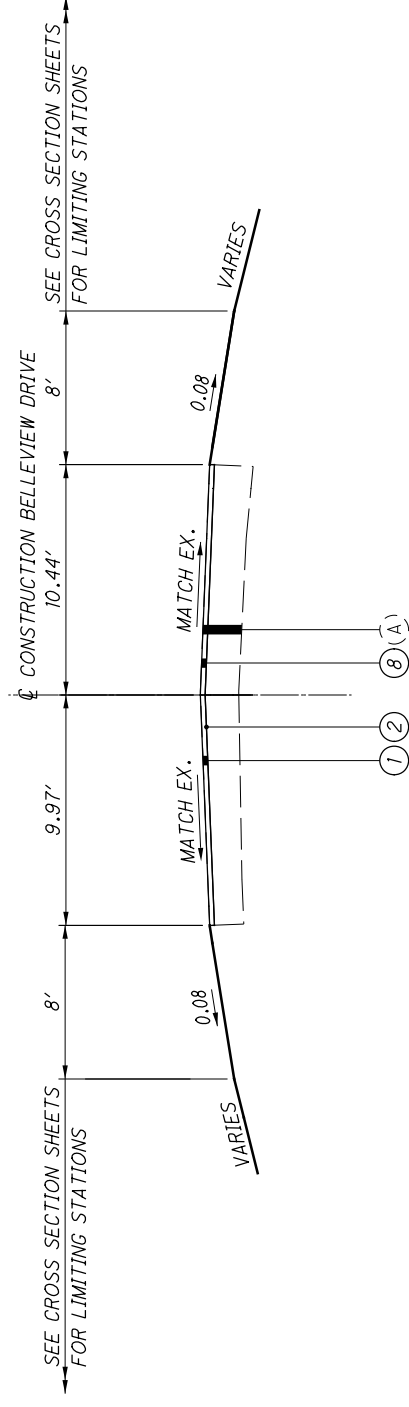
(A)

F VARIES 9.98' TO 10.00'
 STA. 14+77.60 TO STA. 14+79.60
 VARIES FROM 10.00' TO 9.97'
 STA. 15+45.00 TO STA. 15+50.00
 G VARIES -0.008 TO -0.02
 STA. 14+77.60 TO STA. 15+00.00
 VARIES -0.02 TO -0.03
 STA. 15+35.00 TO STA. 15+50.00

H VARIES 10.30' TO 10.00'
 STA. 14+77.60 TO STA. 14+82.60
 VARIES 10.00' TO 10.46'
 STA. 15+45.00 TO STA. 15+50.00
 I VARIES -0.02 TO -0.032
 STA. 15+35.00 TO STA. 15+50.00



BELLEVUE DRIVE FULL DEPTH
 STA. 14+77.60 TO STA. 15+50.00



BELLEVUE DRIVE MILL AND OVERLAY
 STA. 15+50.00 TO STA. 15+54.69

UTILITIES

LISTED BELOW ARE ALL UTILITIES LOCATED WITHIN THE PROJECT CONSTRUCTION LIMITS TOGETHER WITH THEIR RESPECTIVE OWNERS:

WATER:

CITY OF BELLBROOK
15 EAST FRANKLIN STREET
BELLBROOK, OHIO 45305

RYAN PASLEY
937-848-4666
R.PASLEY@CITYOFBELLBROOK.ORG

SANITARY:

GREENE COUNTY SANITARY
667 DAYTON-XENIA ROAD
XENIA, OHIO 45385

MARISSA RAGLIN
937-562-7461
MRAGLIN@CO.GREENE.OH.US

COMMUNICATIONS:

AT&T
3233 WOODMAN DRIVE
DAYTON, OHIO 45420

HOWARD LAUDERMILK
937-296-3588
HL1596@ATT.COM

CHARTER COMMUNICATIONS
3691 TURNER ROAD
DAYTON, OHIO 45415

CHRISTOPHER BOOKSH
937-425-6854
CHRISTOPHER.BOOKSH@CHARTER.COM

GAS:

VECTREN ENERGY DELIVERY
6500 CLOY ROAD
CENTERVILLE, OHIO 45459

JEFFREY PIKE
937-312-2539
PUBLICPROJECT@CENTERPOINTENERGY.COM

SEEDING AND MULCHING

THE FOLLOWING QUANTITIES ARE PROVIDED TO PROMOTE GROWTH AND CARE OF PERMANENT SEEDED AREAS:

659, TOPSOIL 74 CU. YD.

659, SEEDING AND MULCHING
662 SQ. YD.

659, REPAIR SEEDING AND MULCHING
34 SQ. YD.

659, INTER-SEEDING
34 SQ. YD.

659, COMMERCIAL FERTILIZER
0.10 TON

659, LIME 0.14 ACRES

659, WATER 4 M. GAL.

SEEDING AND MULCHING SHALL BE APPLIED TO ALL AREAS OF EXPOSED SOIL BETWEEN THE RIGHT-OF-WAY LINES, AND WITHIN THE CONSTRUCTION LIMITS FOR AREAS OUTSIDE THE RIGHT-OF-WAY LINES COVERED BY WORK AGREEMENT OR SLOPE EASEMENT. QUANTITY CALCULATIONS FOR SEEDING AND MULCHING ARE BASED ON THESE LIMITS.

REVIEW OF DRAINAGE FACILITIES

BEFORE ANY WORK IS STARTED ON THE PROJECT AND AGAIN BEFORE FINAL ACCEPTANCE BY THE CITY OF BELLBROOK, SHALL MAKE AN INSPECTION OF ALL EXISTING SEWERS WHICH ARE TO REMAIN IN SERVICE AND WHICH MAY BE AFFECTED BY THE WORK. THE CONDITION OF THE EXISTING CONDUITS AND THEIR APPURTENANCE SHALL BE DETERMINED FROM FIELD OBSERVATIONS.

CONSTRUCTION NOISE

ACTIVITIES AND LAND USE ADJACENT TO THIS PROJECT MAY BE AFFECTED BY CONSTRUCTION NOISE. IN ORDER TO MINIMIZE ANY ADVERSE CONSTRUCTION NOISE IMPACTS, DO NOT OPERATE POWER-OPERATED CONSTRUCTION-TYPE DEVICES BETWEEN THE HOURS OF 9:00 PM AND 7:00 AM. IN ADDITION, DO NOT OPERATE AT ANY TIME ANY DEVICE IN SUCH A MANNER THAT THE NOISE CREATED SUBSTANTIALLY EXCEEDS THE NOISE CUSTOMARILY AND NECESSARILY ATTENDANT TO THE REASONABLE AND EFFICIENT PERFORMANCE OF SUCH EQUIPMENT.

CONTROL OF SPILLS

BEST CONSTRUCTION PRACTICES ARE TO BE IMPLEMENTED TO MINIMIZE WATER QUALITY IMPACTS. IDLE EQUIPMENT, PETROCHEMICALS, AND TOXIC/HAZARDOUS MATERIALS SHALL NOT BE STORED NEAR DRAINAGE WAYS, DITCHES, OR STREAMS. REFUELING SHALL NOT BE UNDERTAKEN NEAR DRAINAGE WAYS, DITCHES, OR STREAMS. A SPILL CONTAINMENT KIT IS TO BE MAINTAINED ONSITE THROUGHOUT CONSTRUCTION ACTIVITIES. SPILLS OF FUELS, OILS, CHEMICALS, OR OTHER MATERIALS WHICH COULD POSE A THREAT TO GROUNDWATER SHALL BE CLEANED UP IMMEDIATELY. IF THE SPILL IS A REPORTABLE AMOUNT, THE LOCAL FIRE DEPARTMENT IS TO BE CONTACTED.

SURVEYING PARAMETERS

PRIMARY PROJECT CONTROL MONUMENTS GOVERN ALL POSITIONING ON ODOT PROJECTS. SEE BELOW FOR A TABLE CONTAINING PROJECT CONTROL INFORMATION.

USE THE FOLLOWING PROJECT CONTROL, VERTICAL POSITIONING, AND HORIZONTAL POSITIONING PARAMETERS FOR ALL SURVEYING:

PROJECT CONTROL ODOT VRS
POSITIONING METHOD: MAG NAIL
MONUMENT TYPE:

VERTICAL POSITIONING

ORTHOMETRIC HEIGHT DATUM: NAVD88
GEOID: GEOID 12B (CONUS)

HORIZONTAL POSITIONING

REFERENCE FRAME: NAD83 (2011)
ELLIPSOID: GRS80
MAP PROJECTION: LAMBERT CONFORMAL CONIC
COORDINATE SYSTEM: OHIO STATE PLANE, SOUTH ZONE
COMBINED SCALE FACTOR: 0.999908473
GRID TO GROUND MULTIPLIER: 1.000091535
ORIGIN OF COORDINATE SYSTEM: 0,0,0

USE THE POSITIONING METHODS AND MONUMENT TYPE USED IN THE ORIGINAL SURVEY TO RESTORE ALL MONUMENTS RELATED TO PRIMARY PROJECT CONTROL THAT ARE DAMAGED OR DESTROYED BY CONSTRUCTION ACTIVITIES. RESTORE THE DAMAGED OR DESTROYED MONUMENTS IN ACCORDANCE WITH CMS 623.

UNITS ARE IN U.S. SURVEY FEET.

POINT #	PROJECT CONTROL COORDINATES - GROUND				ELEVATION	DESCRIPTION
	GRID NORTHING	GRID EASTING	GROUND NORTHING	GROUND EASTING		
1	603263.71	1519318.58	603318.93	1519457.65	908.16	MAG NAIL SET
2	602949.13	1519294.9	603004.32	1519433.97	914.92	MAG NAIL SET
5	609574.74	1519526.06	603629.99	1519665.15	904.61	MAG NAIL SET

WORK LIMITS

ALL WORK SHALL BE WITHIN EXISTING RIGHT-OF-WAY AND/OR CONSTRUCTION LIMITS UNLESS OTHERWISE INSTRUCTED BY THE CITY.

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

PROPERTY POINTS AND SURVEY MONUMENTS

CARE SHALL BE TAKEN BY THE CONTRACTOR TO SAFEGUARD ANY PROPERTY POINTS OR OTHER SURVEY REFERENCE MARKS ENCOUNTERED DURING CONSTRUCTION OF THIS PROJECT. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO RESET ANY PROPERTY POINT OR SURVEY MONUMENT WHICH IS DISTURBED AS A RESULT OF CONSTRUCTION OF THIS PROJECT. THE PROPERTY POINTS AND SURVEY MONUMENTS SHALL BE RESET UNDER THE SUPERVISION OF A REGISTERED PROFESSIONAL SURVEYOR.

STORM WATER POLLUTION PREVENTION PLAN

THE STORM WATER POLLUTION PREVENTION PLAN SHALL BE SUBMITTED TO THE CITY OF BELLBROOK FOR APPROVAL.

UNRECORDED STORM WATER DRAINAGE

FURNISH A CONTINUANCE FOR ALL UNRECORDED STORM WATER DRAINAGE, SUCH AS ROOF DRAINS, FOOTER DRAINS, OR YARD DRAINS, DISTURBED BY THE WORK. FURNISH EITHER AN OPEN CONTINUANCE OR AN UNOBSTRUCTED CONTINUANCE BY CONNECTING A CONDUIT THROUGH THE CURB OR INTO A DRAINAGE STRUCTURE. THE LOCATION, TYPE, SIZE AND GRADE OF THE NEEDED CONDUIT TO REPLACE OR EXTEND AN EXISTING DRAIN WILL BE DETERMINED BY THE ENGINEER. ALL SUCH CONTINUANCE REQUIRES A RIGHT-OF-WAY USE PERMIT. THE FOLLOWING ESTIMATED QUANTITIES HAVE BEEN INCLUDED IN THE GENERAL SUMMARY FOR USE AS DIRECTED BY THE ENGINEER FOR THE WORK NOTED ABOVE:

611, 4" CONDUIT, TYPE B, 707.41
FOR DRAINAGE CONNECTION 25 FT

611, 6" CONDUIT, TYPE B, 707.41
FOR DRAINAGE CONNECTION 25 FT

611, 6" CONDUIT, TYPE C, 707.41
FOR DRAINAGE CONNECTION 25 FT

611, 6" CONDUIT, TYPE F, 707.33
FOR DRAINAGE CONNECTION 25 FT

611, 8" CONDUIT, TYPE B, 706.02
FOR DRAINAGE CONNECTION 25 FT

ITEM 614, MAINTAINING TRAFFIC

TRAFFIC SHALL BE MAINTAINED AT ALL TIMES TO DRIVEWAYS AND AT THE INTERSECTION OF BELLEVIEW DRIVE AND BERYL DRIVE.

THE CITY HAS ERECTED ROAD CLOSED SIGNS ON EACH SIDE OF THE WORK ZONE. THOSE SIGNS SHALL REMAIN IN PLACE UNTIL CONSTRUCTION IS COMPLETE.

PAVEMENT MARKINGS

THE FOLLOWING QUANTITIES HAVE BEEN INCLUDED IN THE ENGINEER'S ESTIMATE FOR PAVEMENT MARKINGS. MARKINGS ARE TO MEET EXISTING ON EITHER END OF THE PROJECT AT THE TERMINATION OF PAVEMENT WORK.

ITEM 644, EDGE LINE 0.06 MILE
ITEM 644, CENTER LINE 0.03 MILE
(DOUBLE SOLID)

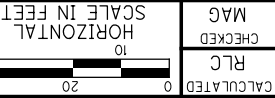
MUD MAT

AS NOTED IN THE GEOTECHNICAL REPORT DATED MAY 1, 2020, A CONCRETE MUD MAT MAY BE SPECIFIED IF THE CULVERT IS CONSTRUCTED ON WEAK LIMESTONE TO PREVENT CHANNEL SCOURING. A MUD MAT MAY ALSO BE REQUIRED FOR CONSTRUCTION EQUIPMENT TO MANEUVER OVER WEAK LIMESTONE. IF THE MUD MAT IS USED DURING CONSTRUCTION, IT IS TO REMAIN AFTER CONSTRUCTION, AT THE ENGINEER'S DISCRETION.

GENERAL NOTES**BELLEVIEW DRIVE**

3
7

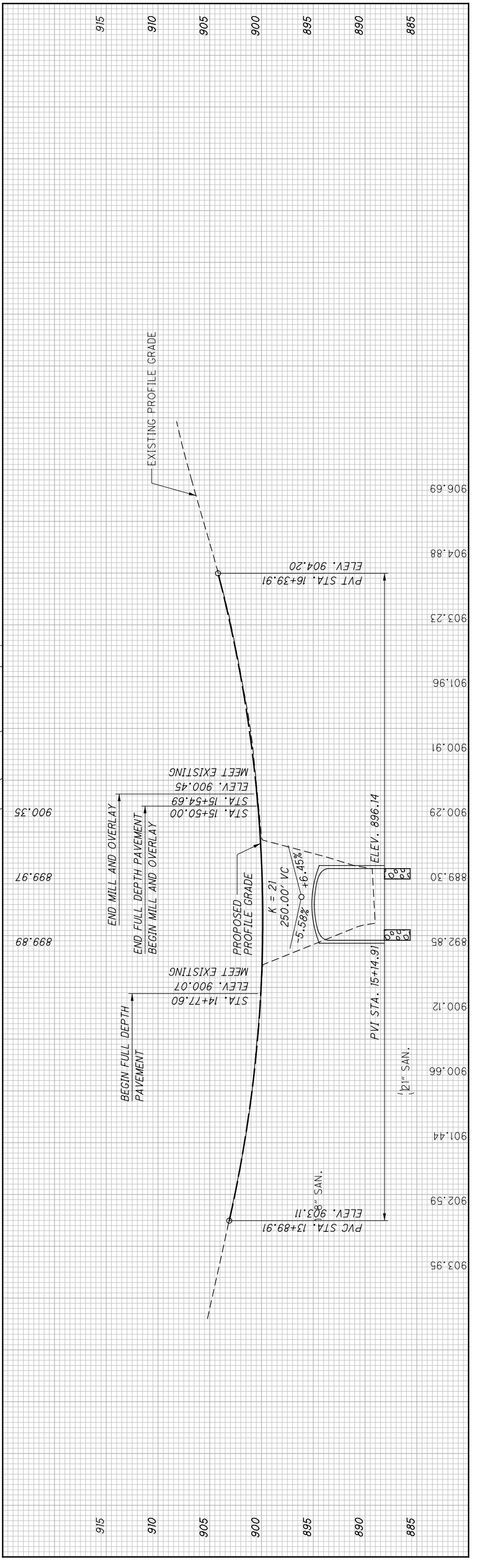
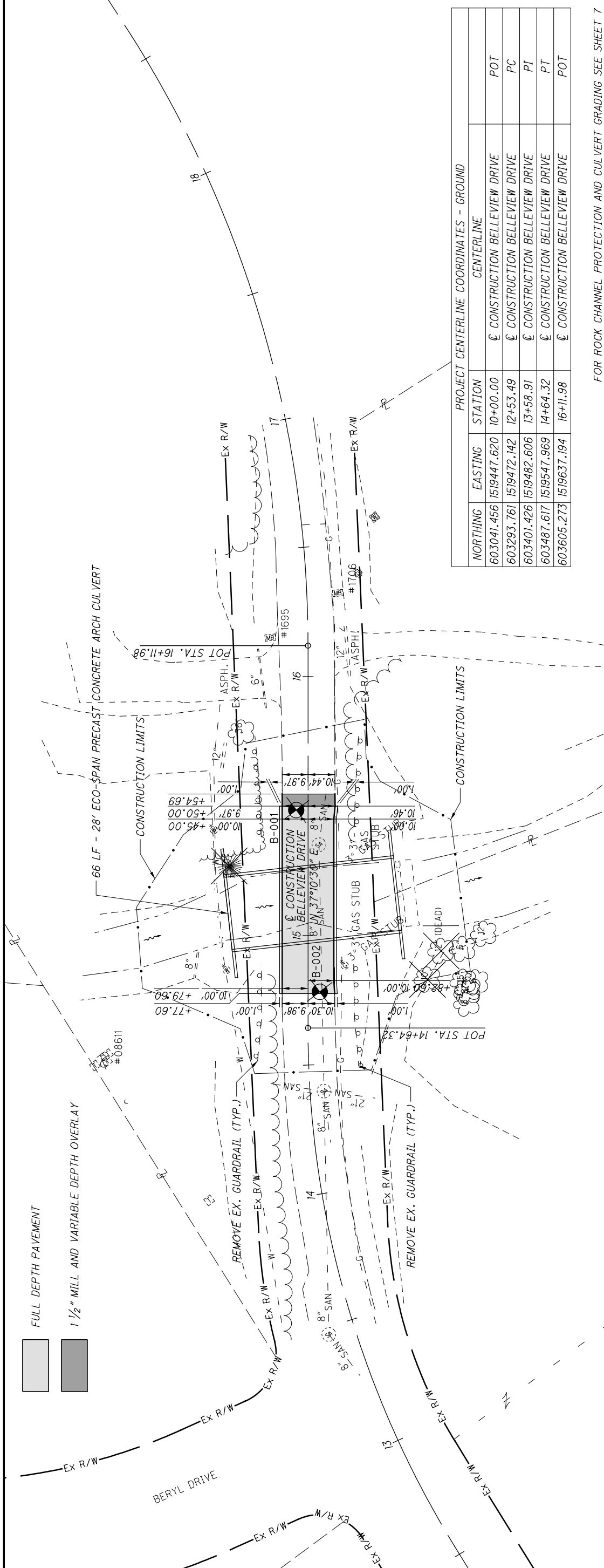
CALCULATED
BMC
CHECKED
MAG



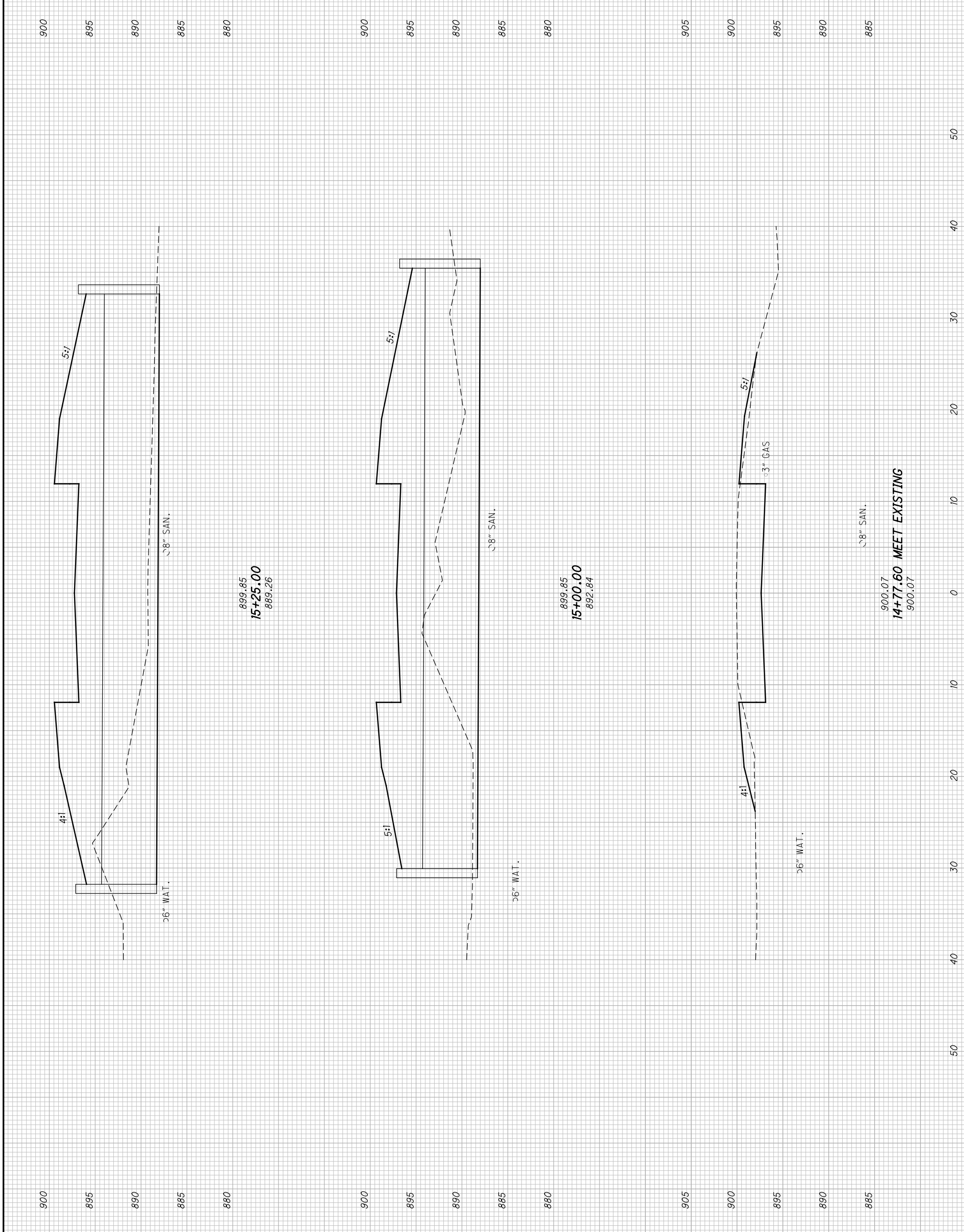
CALCULATED
 RLC
 CHECKED
 MAG

PROJECT CENTERLINE COORDINATES - GROUND	
NORTHING	EASTING
603041.456	1519447.620
603293.761	1519472.142
603401.426	1519482.606
603487.617	1519547.969
603605.273	1519637.194

FOR ROCK CHANNEL PROTECTION AND CULVERT GRADING SEE SHEET 7



SEEDING
END SO.
WIDTH YDS.



899.85
15+25.00
889.26

899.85
15+00.00
892.84

900.07
14+77.60 MEET EXISTING
900.07

SEEDING END SO. WIDTH YDS.	END AREA		VOLUME	
	CUT	FILL	CUT	FILL
900				
895				
890	284	344	284	286
885				
880				
900				
895				
890	329	274	136	119
885				
880				
905				
900				
895				
890	0	13	0	0
885				

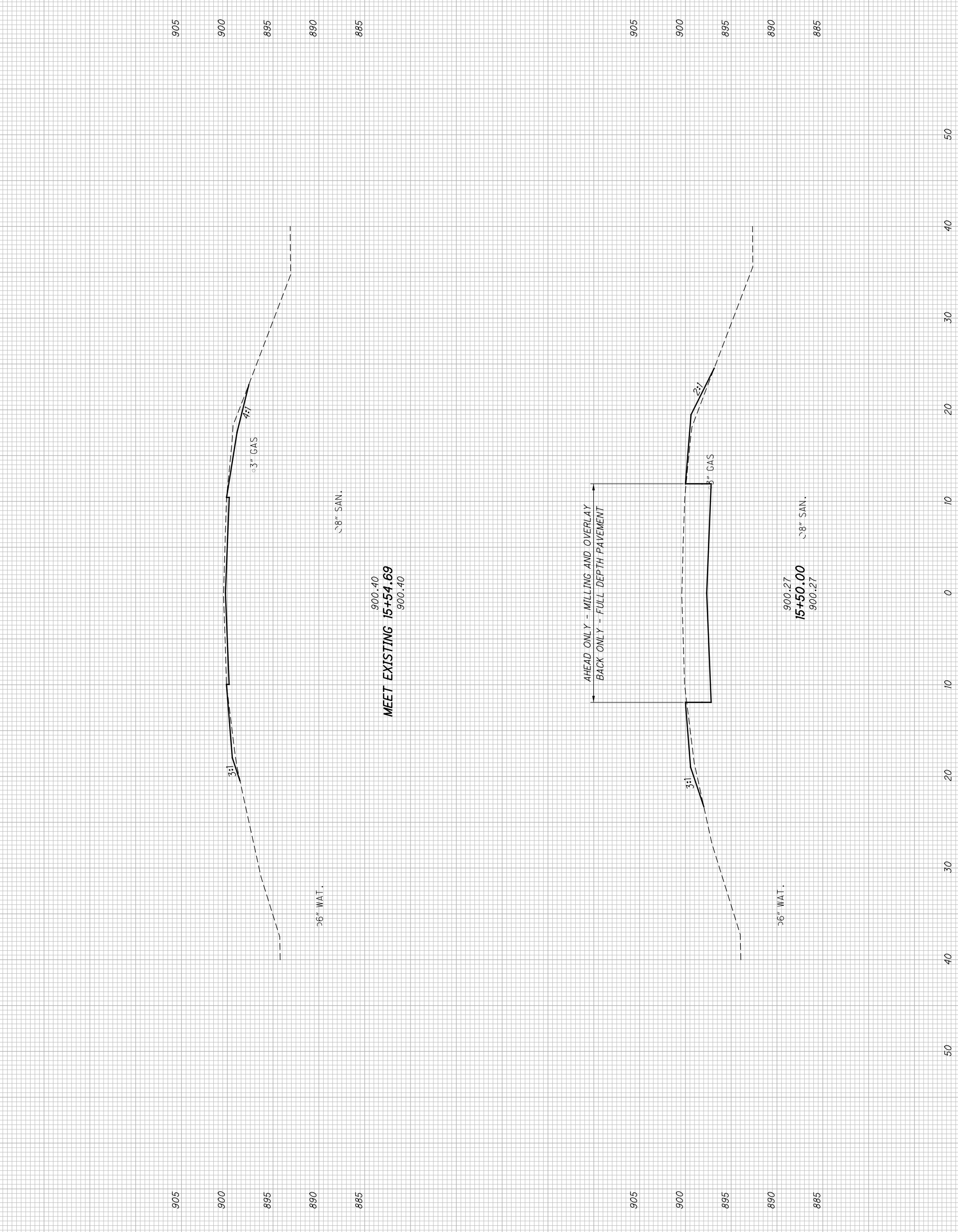
CROSS SECTIONS
STA. 14+77.60 TO STA. 15+25.00

BELLEVIEW DRIVE

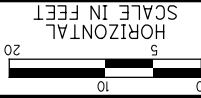
CALCULATED
JAH
CHECKED
BMG

5/5

END AREA	VOLUME	
	CUT	FILL
0	131	190
2	1	12



SEEDING	SO. YDS.	
	END	WIDTH



CALCULATED
BMG
CHECKED
MAG

CULVERT DETAIL

STA. 15+12.06

BELLEVIEW DRIVE



HYDRAULIC DATA

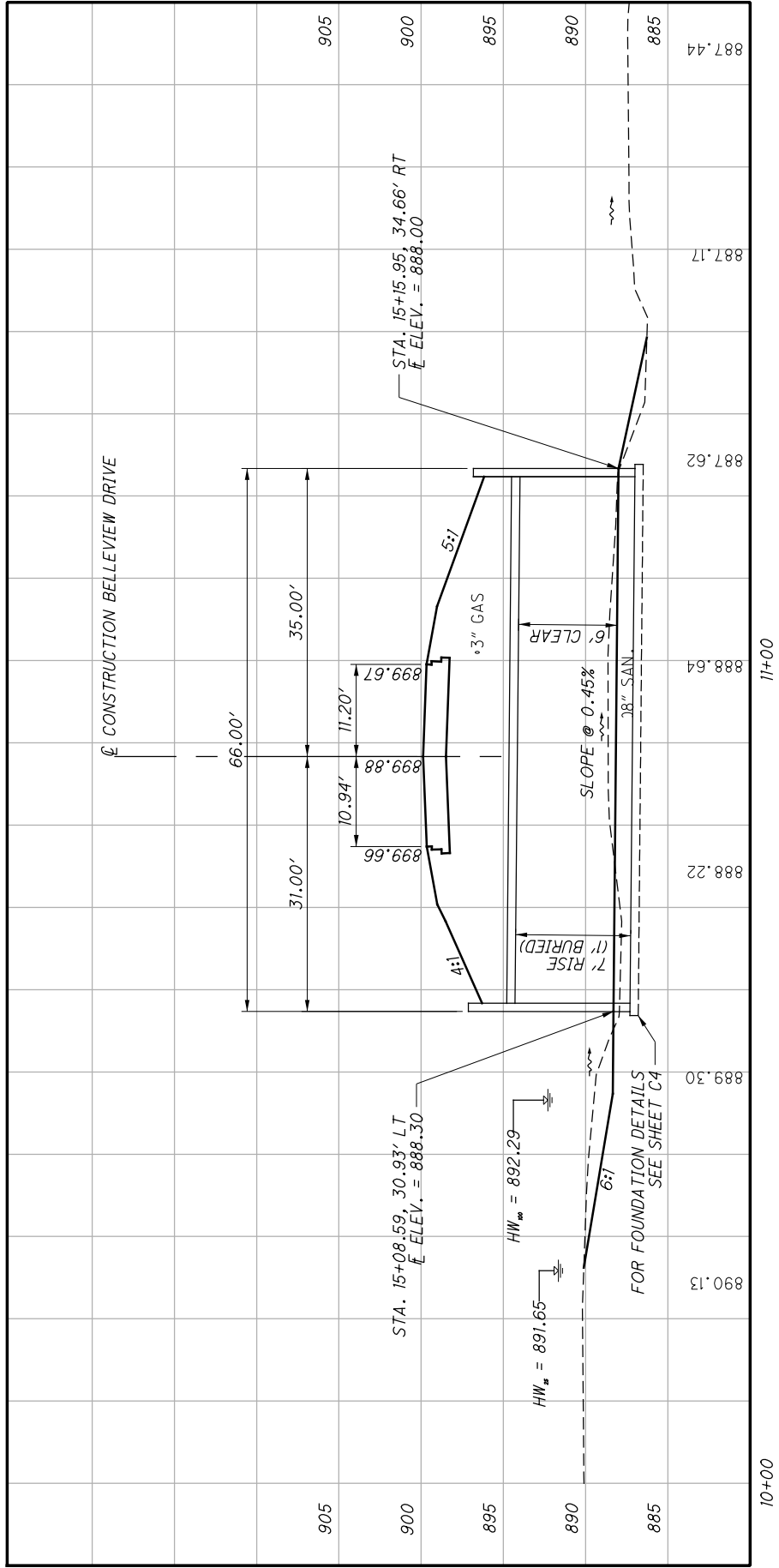
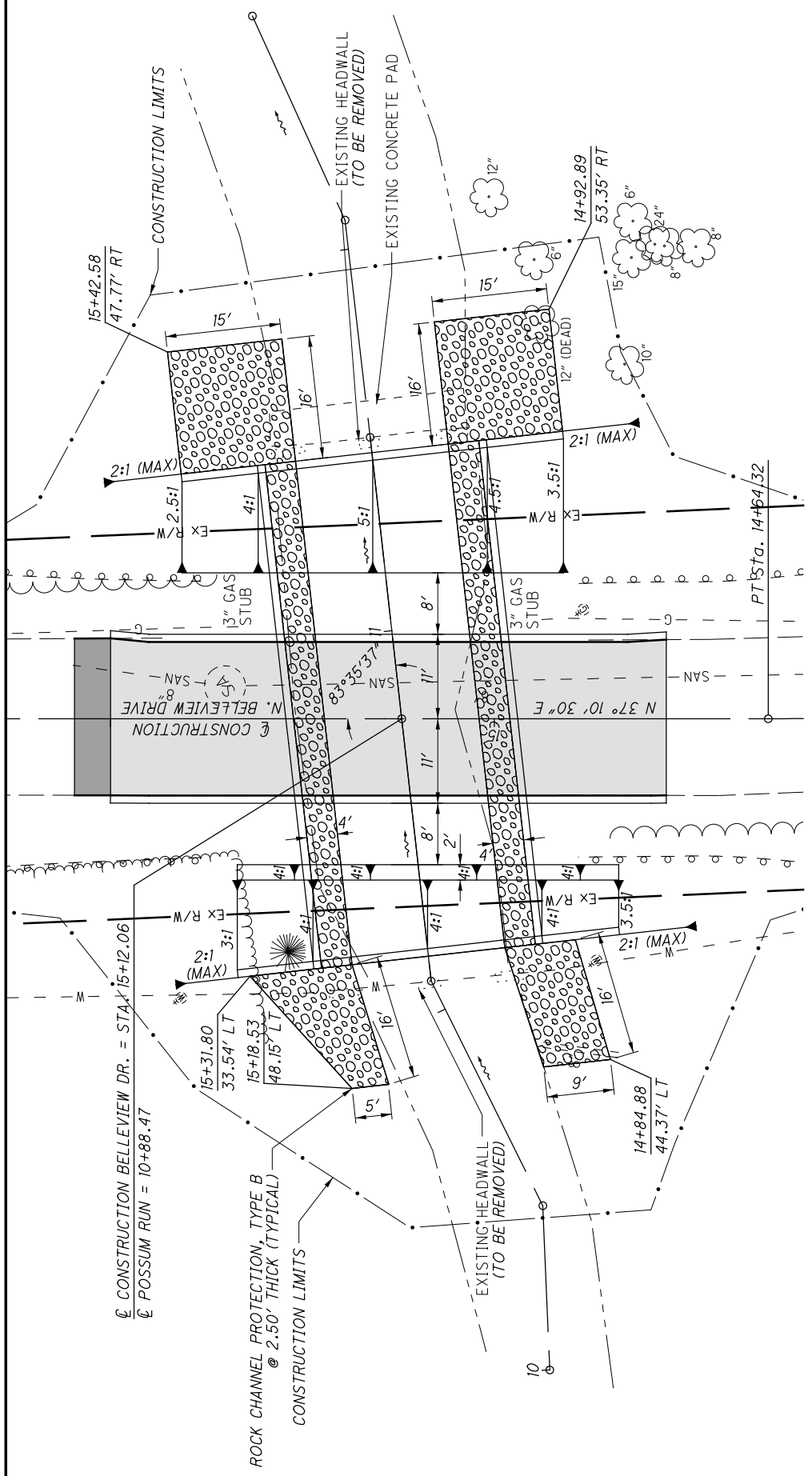
DRAINAGE AREA = 1.40 SQ. MILES
 (A) Q (25) = 502 CFS V (25) = 7.35 FT/S HWE (25) = 891.65
 (B) Q (100) = 700 CFS V (100) = 8.63 FT/S HWE (100) = 892.29

EXISTING STRUCTURE

TYPE: TWO (2) - 72" CORRUGATED METAL PIPES (CMP)
 SKEW: 6° 20'
 ALIGNMENT: TANGENT

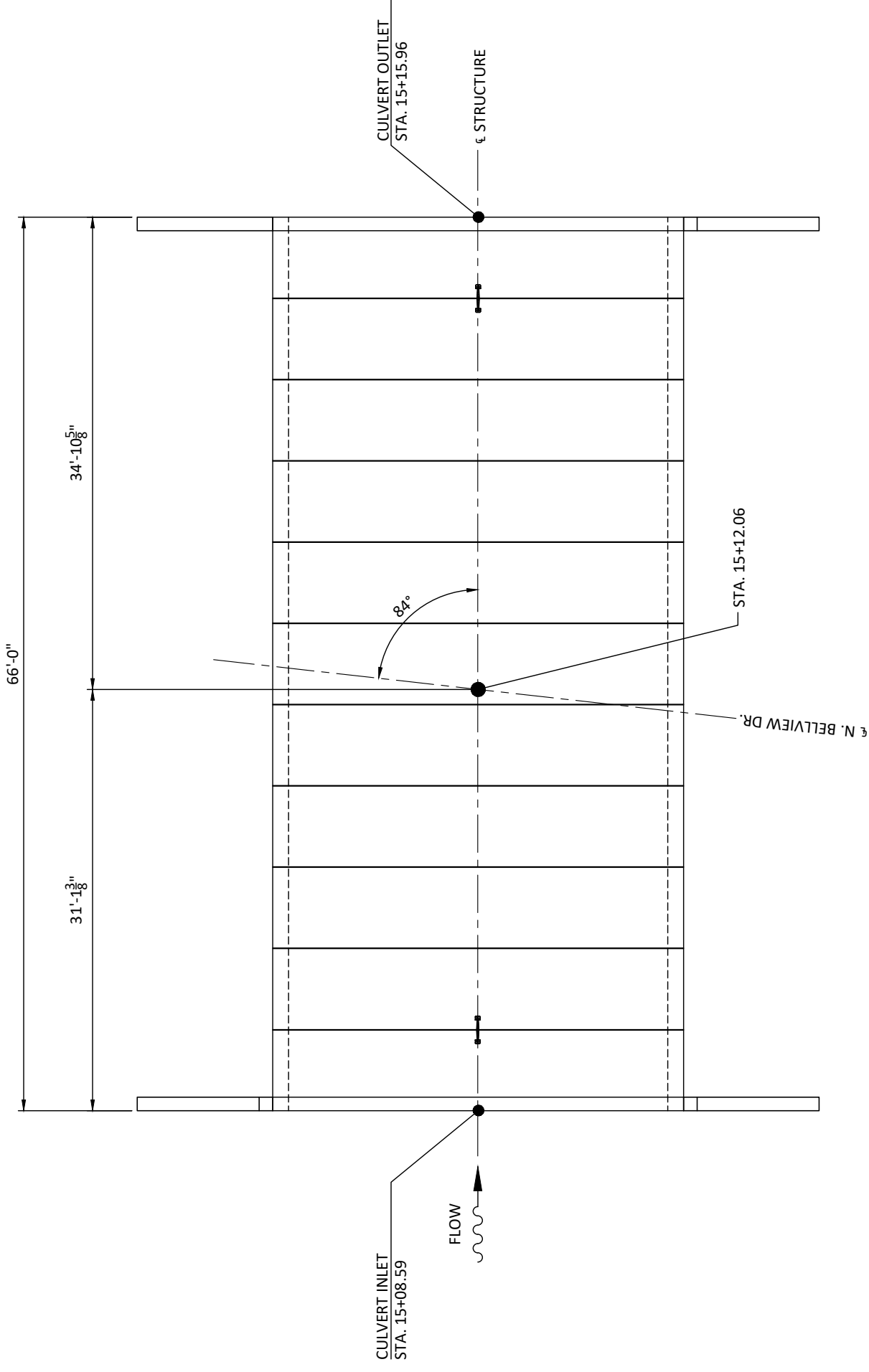
PROPOSED STRUCTURE

TYPE: 28' ECO-SPAN PRECAST CONCRETE ARCH
 SKEW: 6° 27'
 ALIGNMENT: TANGENT



NORTH BELLEVIEW DRIVE CULVERT REPLACEMENT

BELBROOK OHIO



LOCATION PLAN

GENERAL NOTES

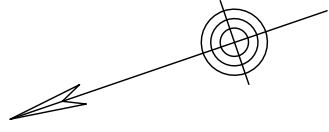
1. THE BRIDGE HAS BEEN DESIGNED FOR GENERAL SITE CONDITIONS. THE PROJECT ENGINEER SHALL BE RESPONSIBLE FOR THE STRUCTURE'S SUITABILITY TO THE EXISTING SITE CONDITIONS AND FOR THE HYDRAULIC EVALUATION - INCLUDING SCOUR AND CONFIRMATION OF SOIL CONDITIONS.
2. PRIOR TO CONSTRUCTION, CONTRACTOR MUST VERIFY ALL ELEVATIONS AND LOCATION SHOWN THROUGH THE ENGINEER.
3. PROPOSED ALTERNATE TO THE ECO-SPAN ARCH SYSTEM® SHALL BE CERTIFIED FOR ODOT SUPPLEMENT 1073 FOR ARCH CULVERTS(CMS 706.052)
4. PLANS FOR ALTERNATE STRUCTURES SHALL BE APPROVED BY THE ENGINEER OF RECORD PRIOR TO BID OPENING.
5. ALTERNATES SHALL HAVE AN ARCHED TOP AND PROVIDE A MINIMUM EFFECTIVE WATERWAY AREA OF 139 SF ABOVE ELEVATION 888.30

DESIGN NOTES

1. THIS STRUCTURE IS DESIGNED IN ACCORDANCE WITH THE AMERICAN ASSOCIATION OF STATE HIGHWAY AND TRANSPORTATION OFFICIALS "LRFD BRIDGE DESIGN SPECIFICATIONS", 8TH EDITION AND INTERIM SPECIFICATIONS TO DATE AND ODOT BRIDGE DESIGN MANUAL, 2007. DESIGN LOADS ARE AS FOLLOWS:
BRIDGE UNITS: HL-93
DESIGN FILL HEIGHT: 2'-0" MIN. TO 5'-0" MAX. (FROM TOP OF ARCH TO TOP OF PAVEMENT)
2. FOUNDATION DESIGNS BASED ON:
ASSUMED FACTORED BEARING RESISTANCE = 8000 PSF
FOUNDATIONS SHALL BEAR ON BEDROCK PER INTERTEK PSI GEOTECHNICAL REPORT #01051580, 5/1/2020. A QUALIFIED GEOTECHNICAL ENGINEER SHALL VERIFY BEARING CAPACITY PRIOR TO CONSTRUCTION.
3. CONFORMANCE TO THESE DRAWINGS, SPECIFICATIONS, AND EXISTING CONDITIONS, INCLUDING HYDRAULIC CAPACITY, SCOUR, GRADING AND SOIL CONDITIONS SHALL BE VERIFIED BY OTHERS.

MATERIALS

1. PRECAST UNITS SHALL BE CONSTRUCTED AND INSTALLED IN ACCORDANCE WITH ASTM C1504.
2. FOUNDATION CONCRETE SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH OF 4,000 PSI
3. FOUNDATION REINFORCING STEEL SHALL CONFORM TO ASTM A615 OR A996 GRADE 60 AND BE EPOXY COATED



STATE OF OHIO
JEFFREY J. VOTHANDORF
E-65631
REGISTERED PROFESSIONAL ENGINEER

Jeffrey J. Vothandorf
JUNE 18, 2020

FOR APPROVAL

DATE	DESCRIPTION	ENG
7		
6		
5		
4		
3		
2		
1		

DESIGNED & PROVIDED BY:
PRETEK GROUP
P.O. BOX 751471
DAYTON, OH 45475
800.241.0925

NORTH BELLEVIEW DRIVE
CULVERT REPLACEMENT

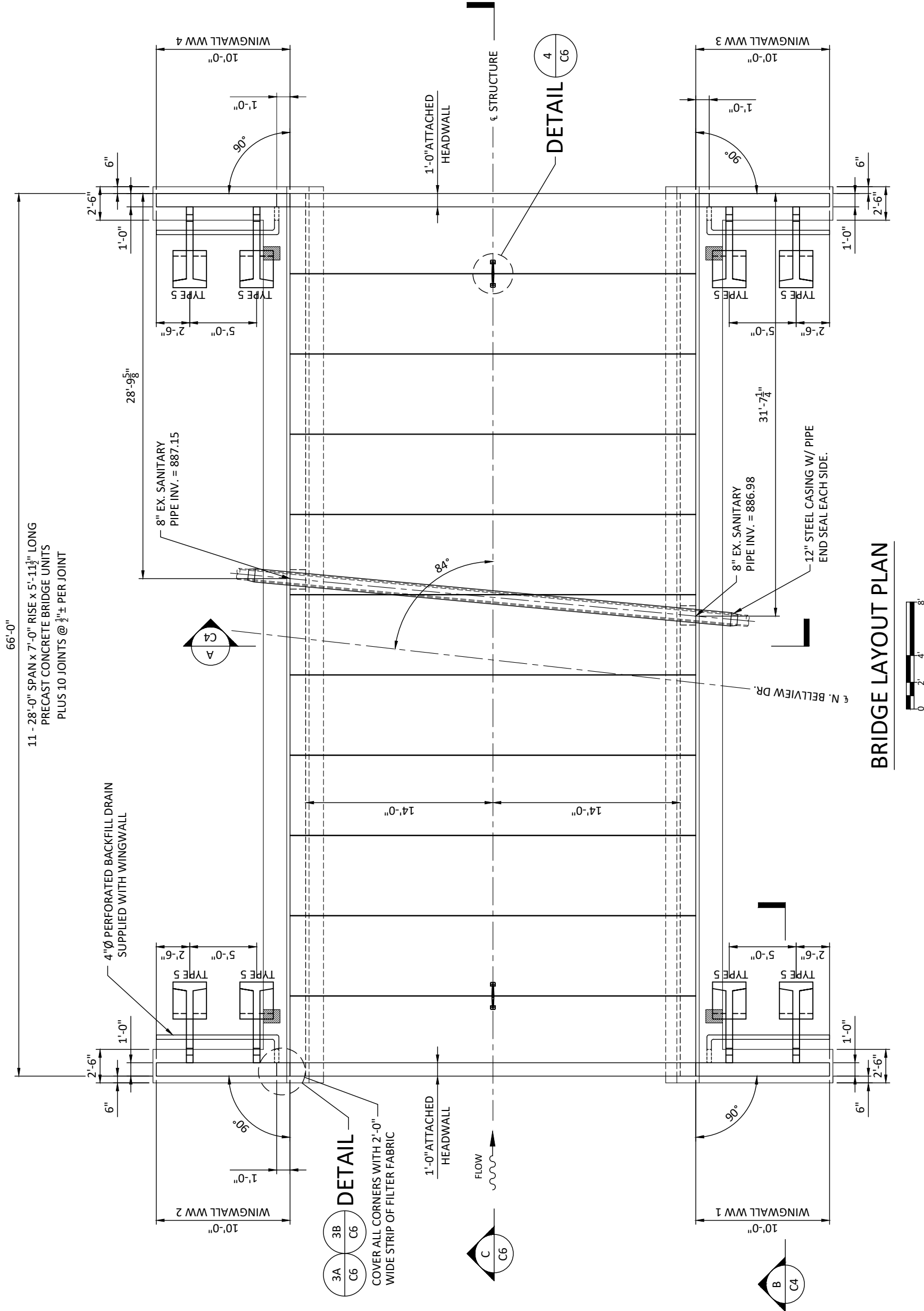
LOCALE: BELBROOK
STATE: OH

PROJECT NUMBER: 20-189
DATE: 6/17/2020
DESIGNED BY: PDB
DRAWN BY: JCC
CHECKED BY: TEN

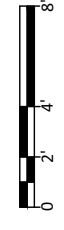
WWW.ECO-SPAN.COM

ECO-SPAN ARCH SYSTEMS
WWW.ECO-SPAN.COM

13



BRIDGE LAYOUT PLAN



Jeffrey J. Vothhandorf
 JEFFREY J. VOTHHANDORF
 REGISTERED PROFESSIONAL ENGINEER
 E-65631
 STATE OF OHIO

JUNE 18, 2020

FOR APPROVAL

PROJECT NUMBER: 20-189
DATE: 6/17/2020
DESIGNED BY: PDB
DRAWN BY: JCC
CHECKED BY: TEN

DESIGNED & PROVIDED BY:
PRETEK GROUP
 P.O. BOX 751471
 DAYTON, OH 45475
 800.241.0925

**NORTH BELLEVUE DRIVE
 CULVERT REPLACEMENT**

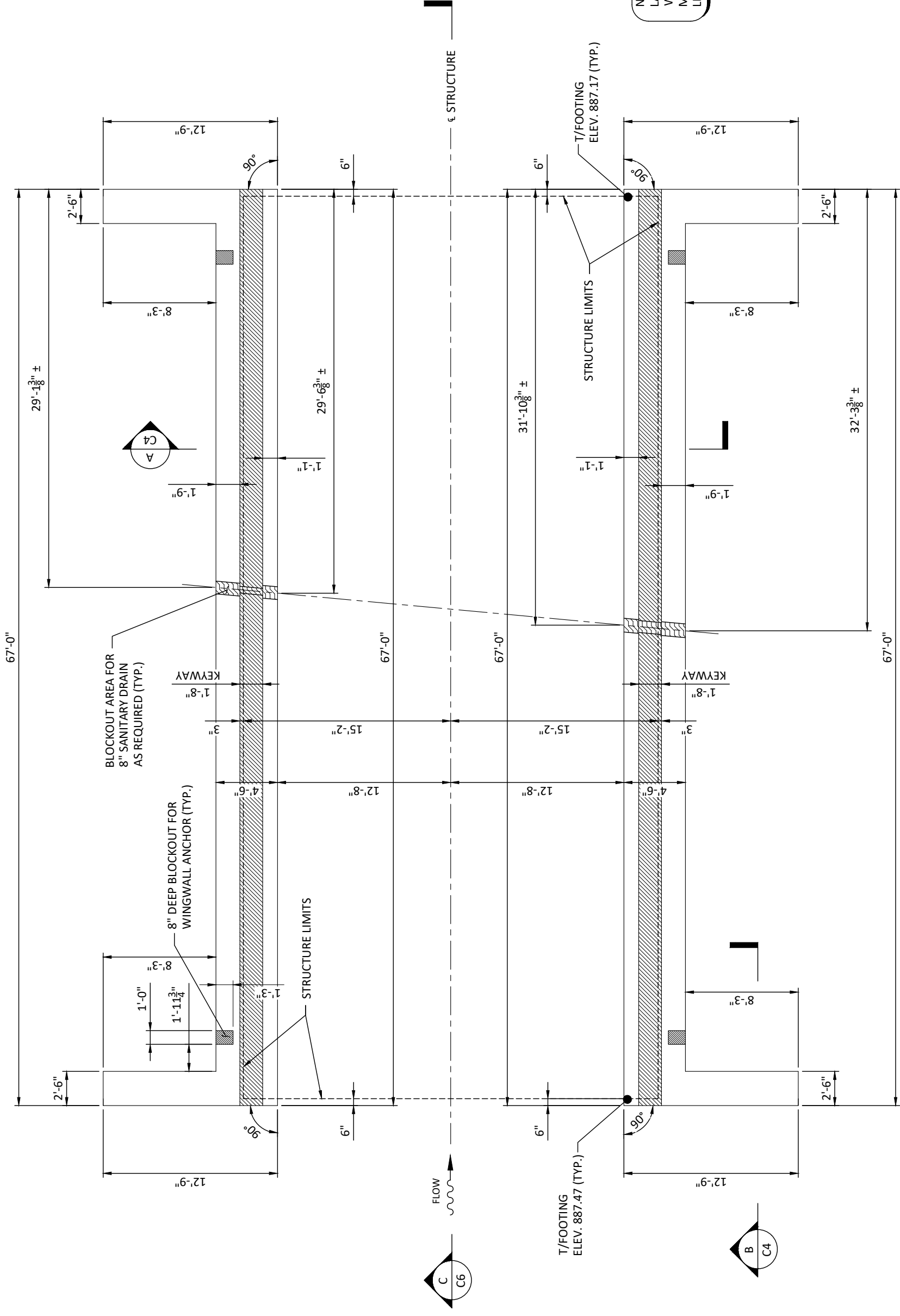
STATE: OH

NO.	DATE	DESCRIPTION	ENG.
7			
6			
5			
4			
3			
2			
1			

NO.	DATE	DESCRIPTION	ENG.
7			
6			
5			
4			
3			
2			
1			

ECO-SPAN®
 ARCH SYSTEMS
 WWW.ECO-SPAN.COM

C2



NOTE:
 LAP (3'-0" MIN.) #6 LONGITUDINAL BARS IN
 WINGWALL AND BRIDGE FOOTINGS TO
 MAKE CONTINUOUS. USE (3'-0" MIN.) LAP
 LENGTH ELSEWHERE AS REQUIRED.



Jeffrey J. Vothhandorf
 JUNE 18, 2020

FOR APPROVAL

DATE	DESCRIPTION	ENG
7		
6		
5		
4		
3		
2		
1		



DESIGNED & PROVIDED BY:
PRETEK GROUP
 P.O. BOX 751471
 DAYTON, OH 45475
 800.241.0925

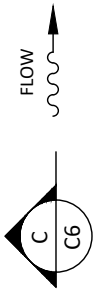
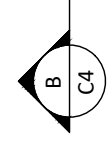
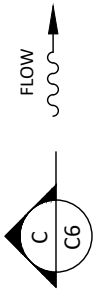
NORTH BELLEVUE DRIVE
 CULVERT REPLACEMENT

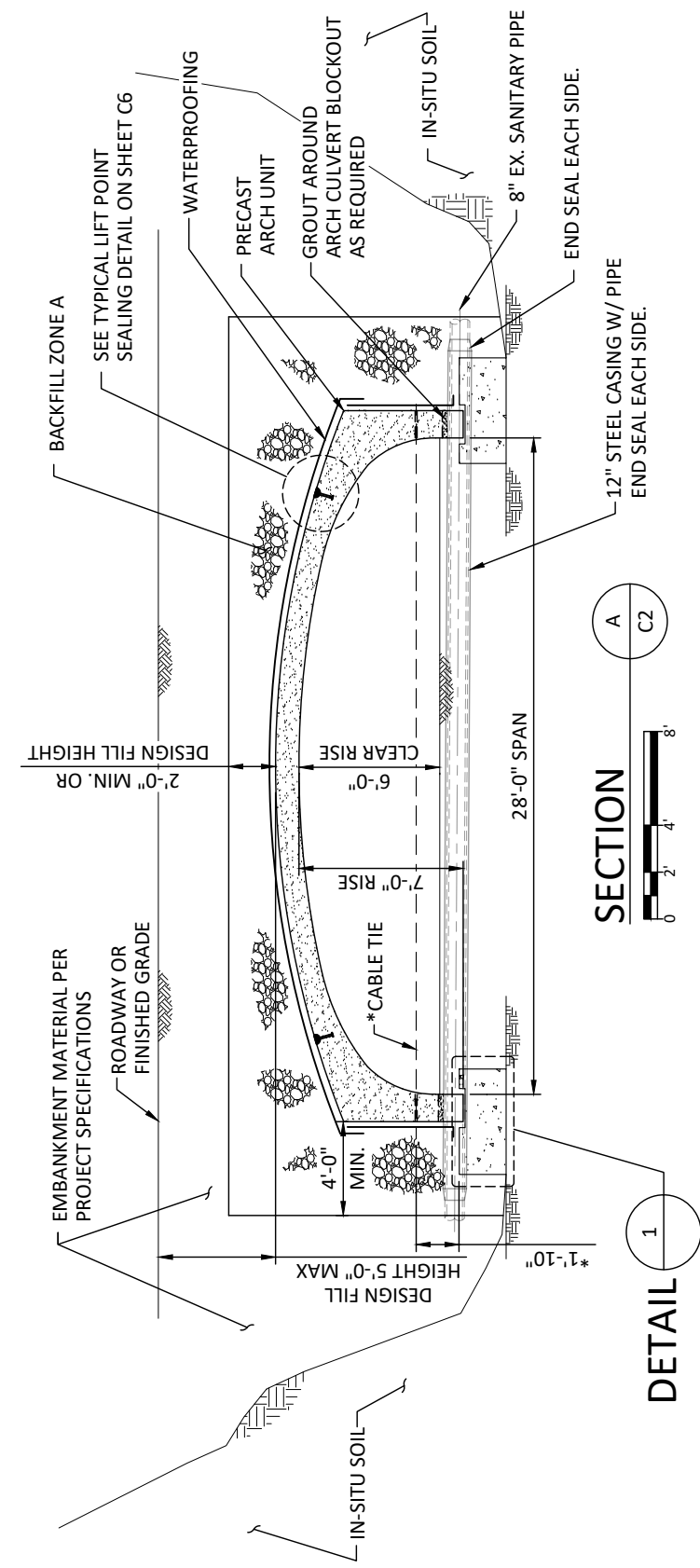
STATE: OH

PROJECT NUMBER: 20-189
 DATE: 6/17/2020
 DESIGNED BY: PDB
 DRAWN BY: JCC
 CHECKED BY: TEN



FOUNDATION PLAN

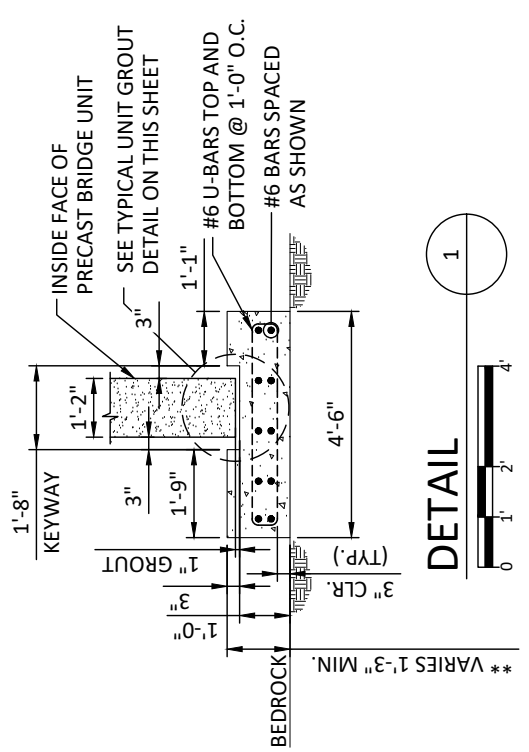




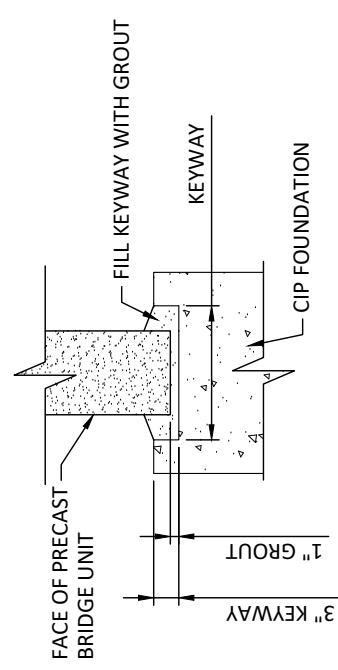
SECTION
A C2

DETAIL
1

***NOTE:**
TEMPORARY CABLE TIE SUPPLIED W/ BRIDGE UNITS. REMOVE AFTER GROUT REACHES 2,000 PSI COMPRESSIVE STRENGTH.



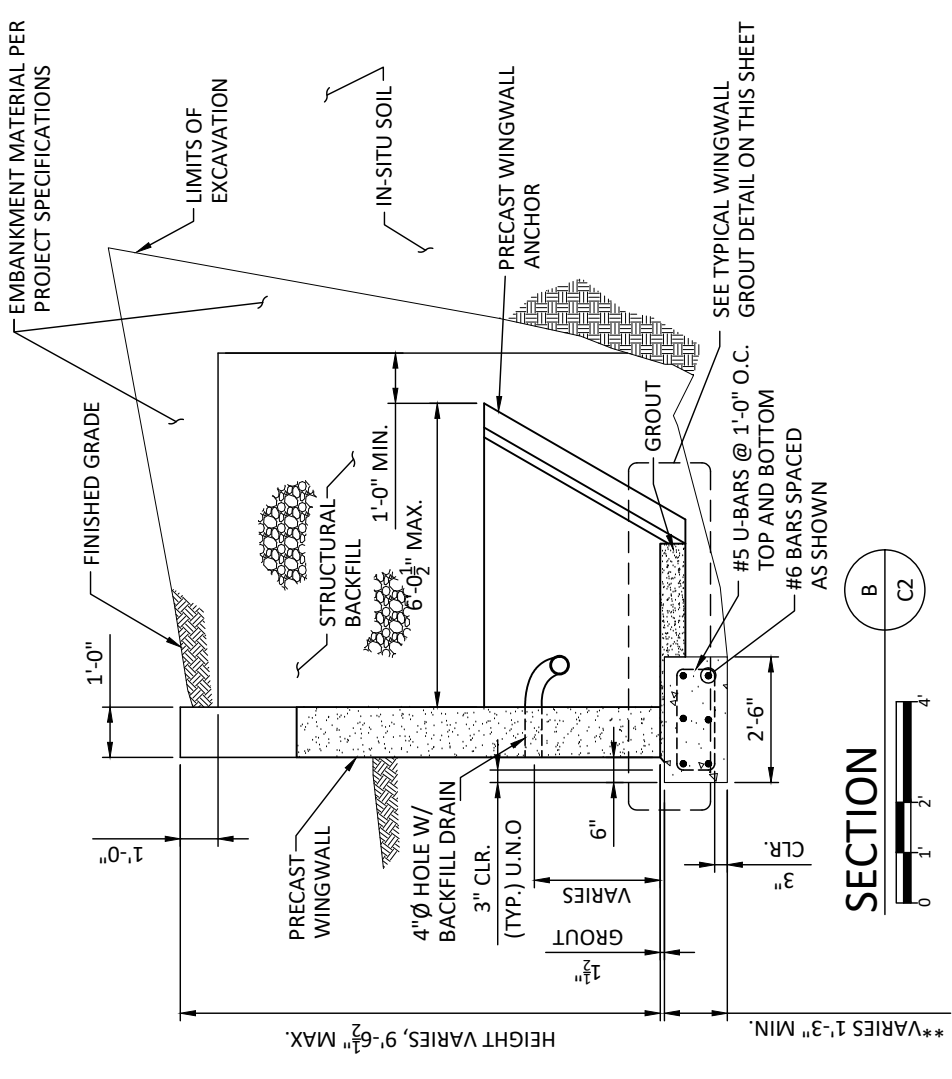
DETAIL
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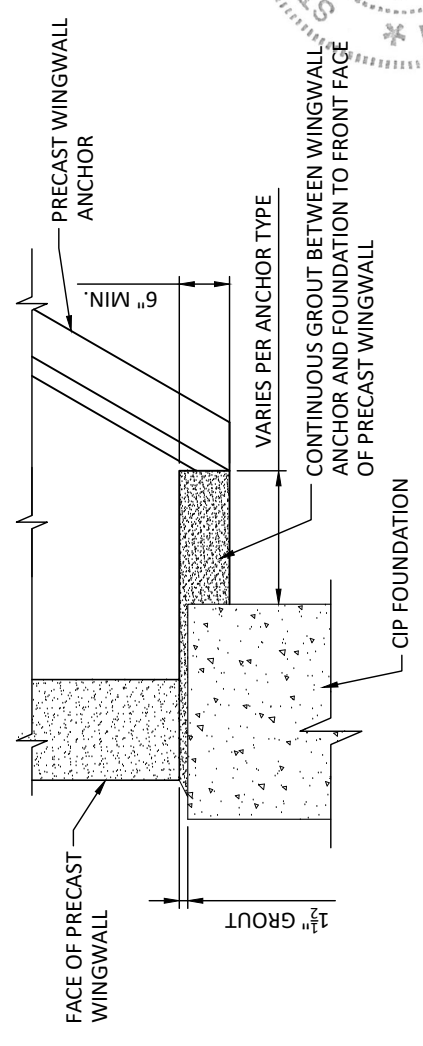
UNIT GROUT DETAIL
NOT TO SCALE

****NOTE:**
FOUNDATION THICKNESS MAY VARY TO ACHIEVE BEARING ON COMPONENT BEDROCK. 2'-0" MIN. THICKNESS

NOTE:
APPROXIMATE DEPTH OF BEDROCK ELEVATIONS ARE 886.4 ON SOUTH ABUTMENT AND 886.0 ON NORTH ABUTMENT



SECTION
B C2



WINGWALL GROUT DETAIL
NOT TO SCALE

STATE OF OHIO
JEFFREY J. VOTHANDORF
E-65631
REGISTERED PROFESSIONAL ENGINEER

Jeffrey J. Vothandorf
JUNE 18, 2020

FOR APPROVAL

PROJECT NUMBER: 20-189
DATE: 6/17/2020
DESIGNED BY: PDB
DRAWN BY: JCC
CHECKED BY: TEN

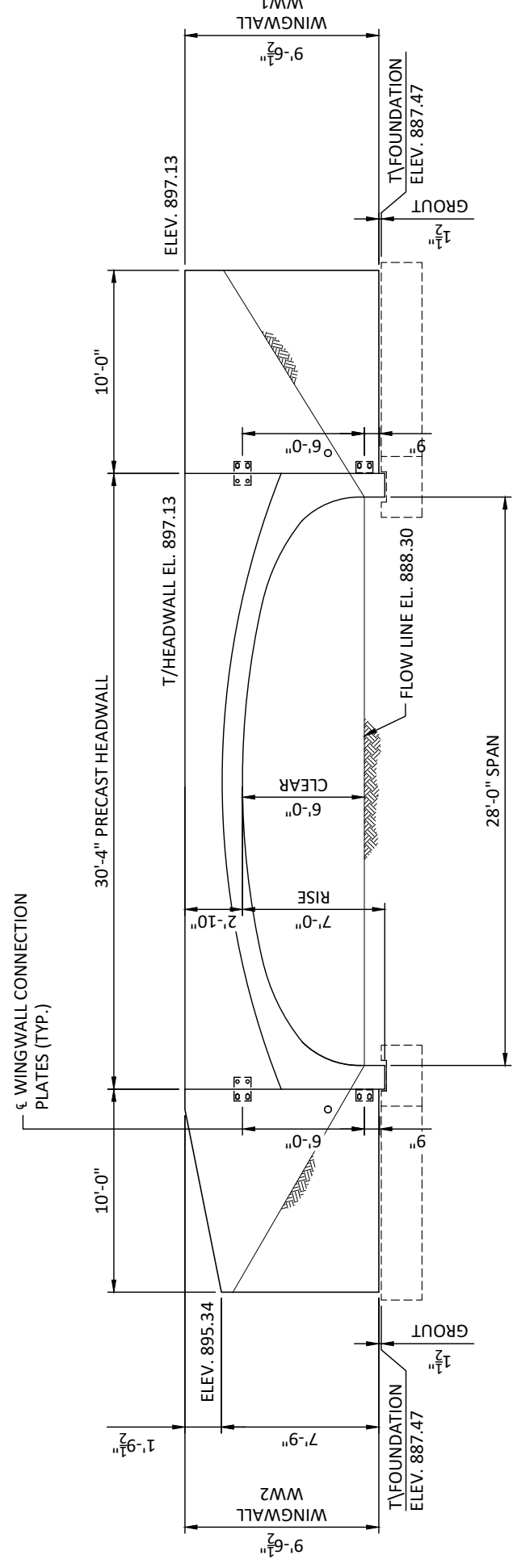
DESIGNED & PROVIDED BY:
PRETEK GROUP
P.O. BOX 751471
DAYTON, OH 45475
800.241.0925

NORTH BELLEVIEW DRIVE
CULVERT REPLACEMENT

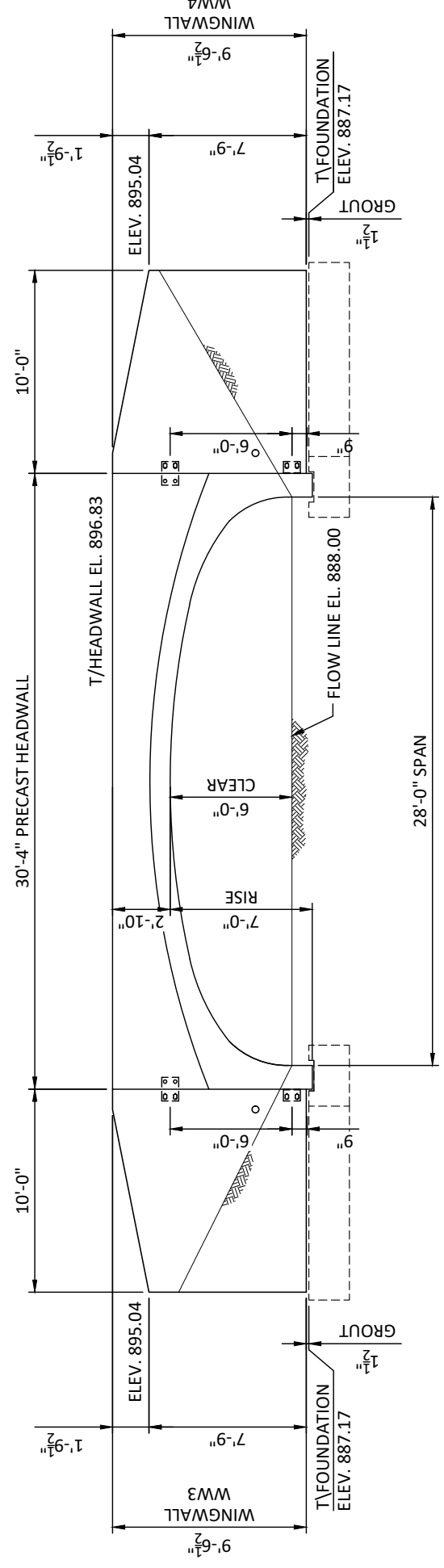
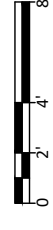
DATE	DESCRIPTION	ENG
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LOCALE: BELLBROOK
STATE: OH

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UPSTREAM END ELEVATION



DOWNSTREAM END ELEVATION



STATE OF OHIO
 JEFFREY J. VOTHANDORF
 E-65631
 REGISTERED PROFESSIONAL ENGINEER

Jeffrey J. Vothandorf
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NORTH BELLEVUE DRIVE
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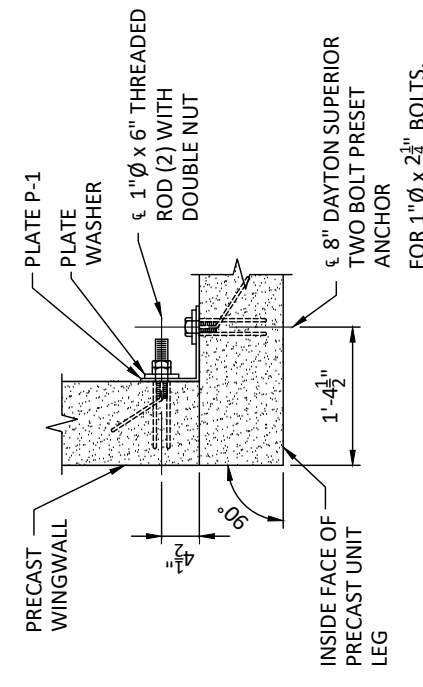
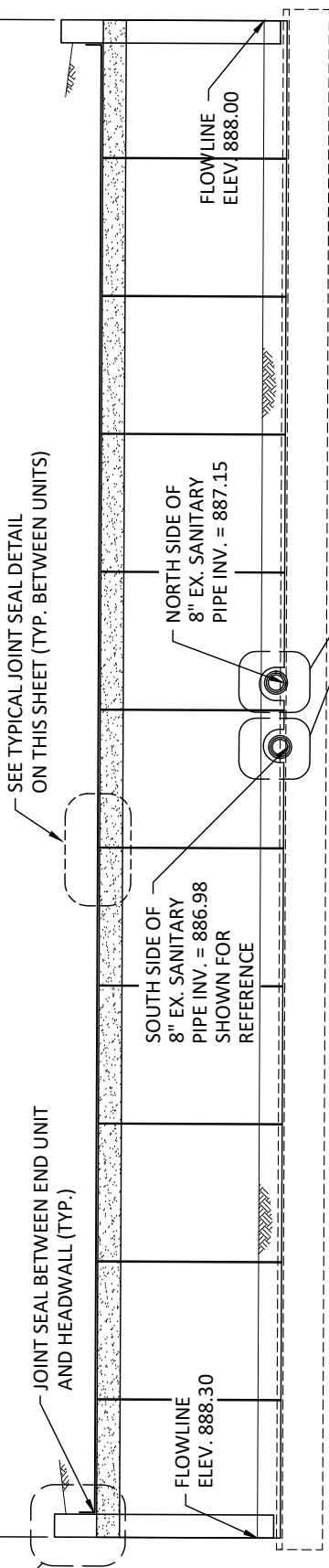
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LOCALE: BELLBROOK
 STATE: OH

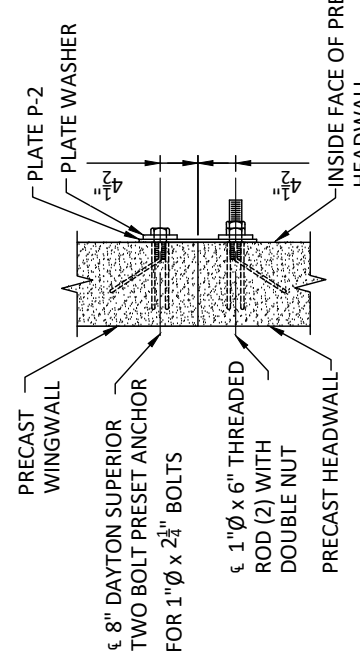
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BRIDGE LIMITS = 66'-0"

DETAIL 2



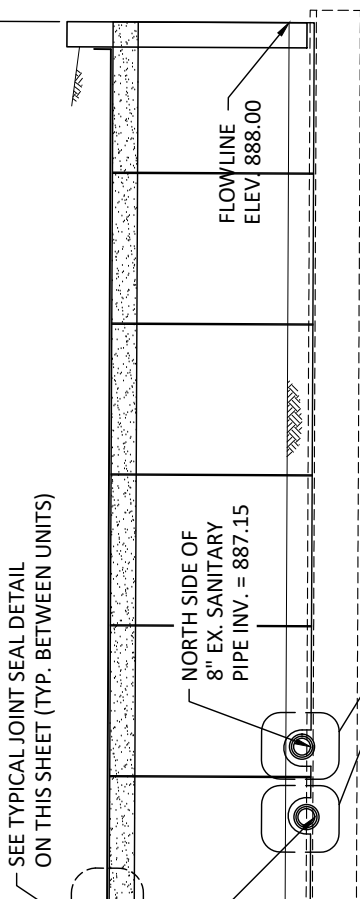
DETAIL @ WW1, 2, 3, & 4



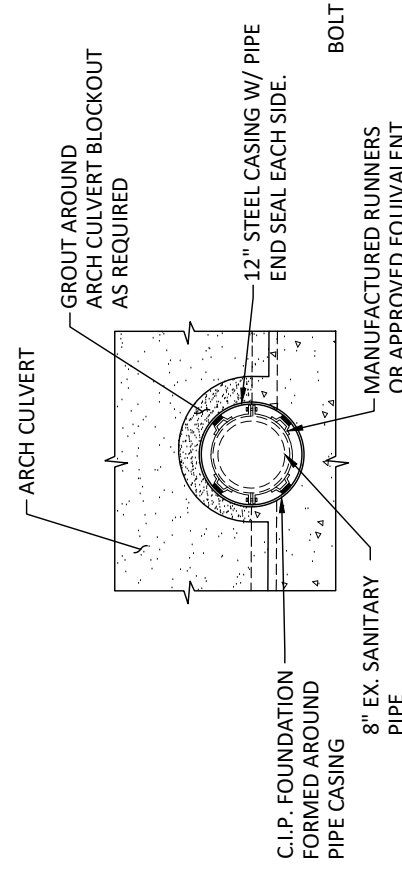
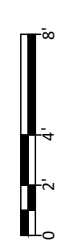
DETAIL @ WW1, 2, 3, & 4



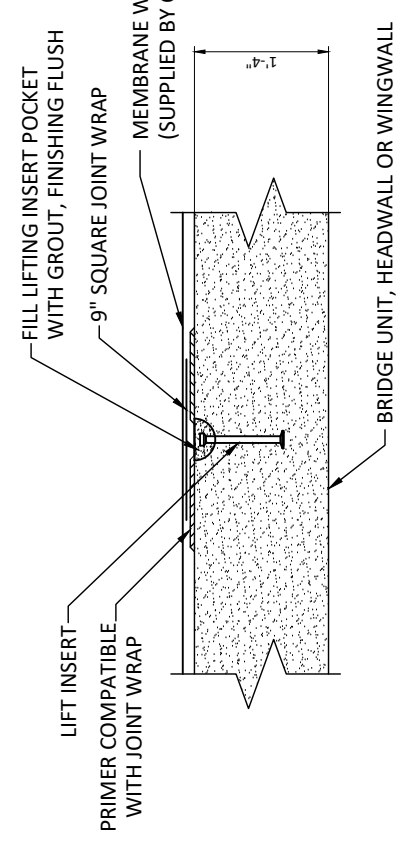
SECTION



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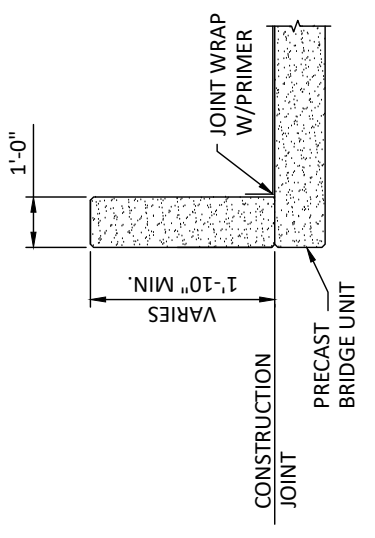


DETAIL

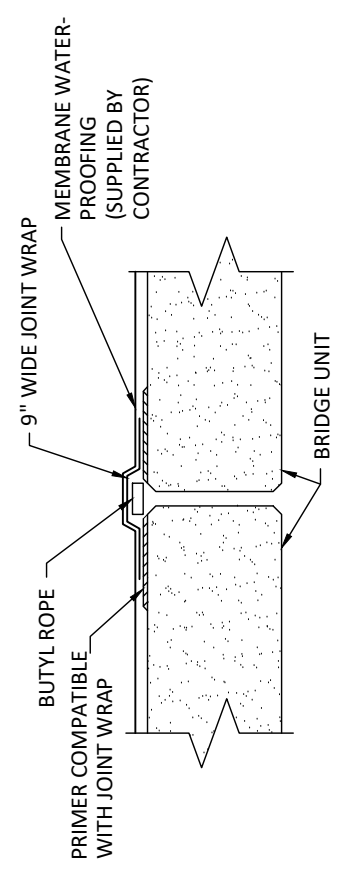


TYPICAL LIFT POINT SEALING DETAIL

NOT TO SCALE

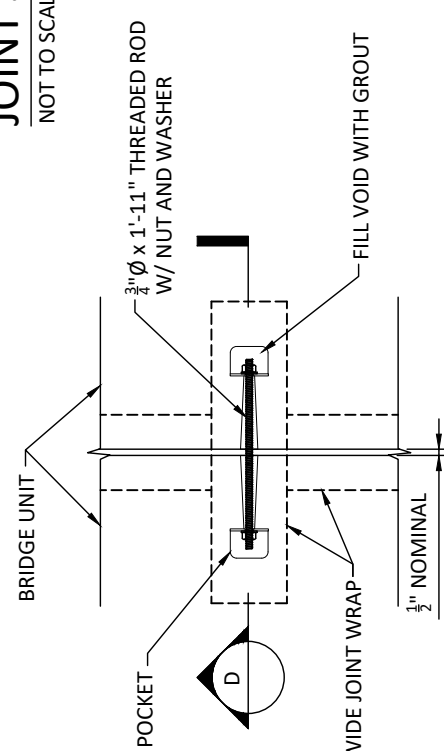


DETAIL

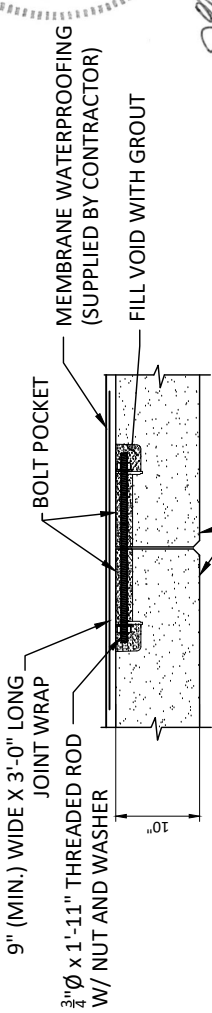


JOINT SEAL DETAIL

NOT TO SCALE



DETAIL @ UNITS



SECTION

NOT TO SCALE



Jeffrey J. Vorhander
 JUNE 18, 2020

FOR APPROVAL

DATE	DESCRIPTION	ENG
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**NORTH BELLEVUE DRIVE
 CULVERT REPLACEMENT**

DESIGNED & PROVIDED BY:
PRETEK GROUP
 P.O. BOX 751471
 DAYTON, OH 45475
 800.241.0925

PROJECT NUMBER: 20-189
DATE: 6/17/2020
DESIGNED BY: PDB
DRAWN BY: JCC
CHECKED BY: TEN

93

STATE: OH

LOCALE: BELLBROOK

SPECIFICATIONS FOR THE MANUFACTURE AND DESIGN OF PRECAST THREE SIDED ARCH STRUCTURES, WINGWALLS AND HEADWALLS

1. DESCRIPTION

THESE SPECIFICATIONS ARE FOR A PRECAST THREE SIDED ARCH STRUCTURE, HEADWALLS AND WINGWALLS. PRECAST PIECES SHALL CONFORM TO ASTM C1504-16.

2. DESIGN

THE PRECAST UNITS ARE DESIGNED IN ACCORDANCE WITH THE AMERICAN ASSOCIATION OF STATE HIGHWAY AND TRANSPORTATION OFFICIALS "LRFD BRIDGE DESIGN SPECIFICATIONS", EIGHTH EDITION AND INTERIM SPECIFICATIONS TO DATE.

CONSTRUCTION EQUIPMENT HEAVIER THAN A D-4 DOZER IS NOT ALLOWED OVER THE ARCH STRUCTURE UNTIL BACKFILL IS PLACED TO AT LEAST 1' DEPTH OVER THE TOP OF THE ARCH. AT NO TIME SHALL HEAVY CONSTRUCTION OR BACKFILLING EQUIPMENT IN EXCESS OF 8 TONS BE PERMITTED OVER THE STRUCTURE OR WITHIN 3' OF ANY STRUCTURAL ELEMENT WITHOUT AT LEAST 2' OF COVER OVER THE STRUCTURE UNLESS THE STRUCTURE IS DESIGNED FOR LESS COVER. EQUIPMENT WITH AXLE WEIGHT OR TOTAL WEIGHT GREATER THAN THE DESIGN LOAD SHALL NOT BE OPERATED ON THE STRUCTURE WITHOUT WRITTEN APPROVAL FROM PRETEK GROUP.

3. MATERIALS - STEEL REINFORCEMENT AND HARDWARE

FERRULE LOOP AND EXPANDED COIL INSERTS SHALL BE AS MANUFACTURED BY DAYTON SUPERIOR CORPORATION OR EQUAL. STAINLESS STEEL INSERTS, RODS, NUTS AND WASHERS SHALL BE SAE 304. STRUCTURAL CONNECTIONS FOR ARCH UNIT PLATES AND PLATE WASHERS SHALL CONFORM TO ASTM A709, GRADE 36, GALVANIZED IN CONFORMANCE WITH ASTM A123. STEEL BOLTS, THREADED RODS AND NUTS FOR ARCH UNIT CONNECTION SHALL CONFORM TO ASTM A325. THREADED ITEMS SHALL BE GALVANIZED IN ACCORDANCE WITH ASTM B633, SERVICE CONDITION 1. OTHER ITEMS SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL.

4. PRECAST ELEMENTS

STORAGE OF UNITS SHOULD BE IN A MANNER THAT PREVENTS ANY DAMAGE OR CRACKING AND IN A FASHION APPROVED BY THE ENGINEER

5. QUALITY ASSURANCE

THE PRECAST PLANT SHALL BE CERTIFIED BY THE NATIONAL PRECAST CONCRETE ASSOCIATION'S PLANT CERTIFICATION PROGRAM, PRECAST/PRESTRESSED CONCRETE INSTITUTE PLANT CERTIFICATION OR AMERICAN CONCRETE PIPE ASSOCIATION CERTIFIED PLANT DURING PRODUCTION OF ALL PRECAST ELEMENTS.

THE OWNER OR OWNER'S AGENT MAY INSPECT THE MATERIAL, MANUFACTURE AND FINISHED PRECAST ELEMENTS AT THEIR DISCRETION.

6. PERMISSIBLE VARIATIONS

WINGWALL AND HEADWALL ARE TO BE MANUFACTURED SO THAT THE LENGTH, HEIGHT AND THICKNESS DOES NOT VARY MORE THAN 1/2" FROM WHAT IS SHOWN ON THE SHOP DRAWINGS. WINGWALL ANCHOR LENGTH LONGER THAN THAT SHOWN ON THE SHOP DRAWINGS SHALL NOT BE CAUSE FOR REJECTION.

THE MAXIMUM PERMISSIBLE JOINT WIDTH AT ANY LOCATION SHALL BE 3/4"

7. WORKMANSHIP AND FINISH

PRECAST ELEMENTS ARE TO HAVE A SMOOTH STEEL FORM OR TROWELED SURFACE. THE ENDS OF BRIDGE UNITS SHALL BE NORMAL TO THE WALLS AND CENTERLINE OF THE ARCH. THE PRECAST ELEMENTS SHALL BE FREE OF ANY SUBSTANTIAL FRACTURE OR BLEMISH.

8. MARKING

IN ADDITION TO MARKINGS DESCRIBED IN ASTM C1504 AND/OR PROJECT SPECIFICATIONS, THE PIECE MARK SHOWN IN THE SHOP DRAWINGS SHALL BE INCLUDED.

ACCEPTABLE BACKFILL MATERIAL IN ZONE A		
SPAN	FILL HEIGHT	MATERIAL IN ZONE A
≤ 24'-0"	< 12'-0"	A1, A2, A3
≤ 24'-0"	> 12'-0"	A1, A3
> 24'-0"	ALL	A1, A3

TABLE 1 - ACCEPTABLE BACKFILL

9. CONSTRUCTION

THE BRIDGE UNITS AND WINGWALLS SHALL BE INSTALLED ON CAST IN PLACE FOUNDATIONS PER THE PLANS. THE PROJECT ENGINEER SHALL VERIFY THAT THE FOUNDATION SUBGRADE IS IN COMPLIANCE WITH THE GEOTECHNICAL REPORT FOR THE PROJECT.

THE FOOTINGS SHALL HAVE A SMOOTH FLOAT FINISH WITH A MINIMUM COMPRESSIVE STRENGTH AS SPECIFIED IN THE DESIGN NOTES. THE SURFACE OF THE FOUNDATION SHALL NOT VARY BY MORE THAN 1/4" WHEN MEASURED WITH A 10 FOOT STRAIGHT EDGE. THE FOOTINGS SHALL HAVE REACHED A MINIMUM OF 2,000 PSI BEFORE INSTALLATION OF ANY PRECAST ELEMENTS. FOUNDATION DIMENSION SHALL MATCH THOSE THAT ARE SHOWN ON THE PLANS.

PRECAST ELEMENTS SHALL BE INSTALLED AS SHOWN ON THE PLANS AND SPECIAL CARE SHALL BE TAKEN TO VERIFY THAT ELEMENTS ARE PLACED TO FOLLOW THE DESIGNATED CENTERLINE OF THE STRUCTURE. BRIDGE STRUCTURES AND WINGWALLS ARE TO BE PLACED ON MASONITE SHIMS TO ALLOW A MINIMUM OF 1/2" CLEARANCE BETWEEN BOTTOM OF PRECAST ELEMENT AND TOP OF FOOTING. GAP TO BE FILLED WITH CEMENT GROUT WITH A MINIMUM COMPRESSIVE STRENGTH OF 2,500 PSI. GROUT TO BE COMPOSED OF PORTLAND CEMENT AND WATER OR CEMENT MORTAR COMPOSED OF ONE PART PORTLAND CEMENT AND THREE PARTS SAND BY VOLUME.

BUTT JOINTS BETWEEN BRIDGE UNITS SHALL BE COVERED WITH A 7/8" X 1 3/8" (1" NOMINAL) BUTYL ROPE AND A 9" (MINIMUM) WIDE STRIP OF JOINT WRAP. BUTYL ROPE SHALL BE CONSEAL (CS-101) OR EQUAL, AND WRAP SHALL BE CONSEAL (CS-212) OR EQUAL. A PRIMER COMPATIBLE WITH THE JOINT WRAP TO BE APPLIED ON EACH SIDE OF THE BUTT JOINT ON A CLEAN SURFACE IF REQUIRED BY JOINT WRAP MANUFACTURER. JOINT PROTECTION SHALL EXTEND FROM BOTTOM OF ONE LEG, UP OVER ARCH AND DOWN OPPOSITE LEG. ANY LAPS SHALL HAVE 6" OF OVERLAP AND HAVE OVERLAP RUNNING DOWN HILL.

LIFT HOLES ARE TO BE FILLED, PRIMED AND COVERED WITH JOINT WRAP. EDGES ALONG HEADWALL COLLAR AND TOP OF BRIDGE UNIT TO BE COVERED WITH JOINT WRAP INSTALLED PER MANUFACTURERS RECOMMENDATIONS. HEADWALLS THAT ARE CAST INTEGRAL WITH A BRIDGE UNIT REQUIRES NO TYPE OF JOINT PROTECTION.

JOINTS BETWEEN WINGWALL SECTIONS AND JOINTS BETWEEN A WINGWALL AND BRIDGE UNIT SHALL BE SEALED WITH EITHER A 2' WIDE STRIP OF FILTER FABRIC OR 9" WIDE (MINIMUM) JOINT WRAP.

BACKFILL IS DEFINED AS ALL REPLACED EXCAVATION AND NEW EMBANKMENT MATERIAL THAT IS ADJACENT TO THE THREE SIDED STRUCTURE, WINGWALLS AND HEADWALLS. BACKFILL MATERIAL WITHIN STRUCTURAL BACKFILL ZONE (BACKFILL ZONE A), MUST MEET THE AASHTO MATERIAL REQUIREMENTS ON THIS SHEET.

ALL BACKFILL IN ZONE A IS TO BE COMPACTED TO A MINIMUM DENSITY OF 95% STANDARD PROCTOR PER AASHTO T-99.

SPECIAL CARE IS TO BE TAKEN DURING BACKFILLING TO PROTECT THE PLACEMENT OF JOINT WRAP OR ANY WATERPROOFING MATERIAL.

MECHANICAL TAMPERS OR APPROVED COMPACTING EQUIPMENT NOT EXCEEDING 1 TON SHALL BE USED ON ALL BACKFILL MATERIAL THAT IS DIRECTLY ADJACENT TO THE STRUCTURAL ELEMENTS AND OVER THE TOP OF THE STRUCTURE UNTIL THERE IS AT LEAST 1' OF COVER OVER THE TOP. BACKFILL MATERIAL IN STRUCTURAL BACKFILL ZONE SHALL BE PLACED IN 8" LIFTS (MAXIMUM) BEFORE BEING COMPACTED. AT NO TIME SHALL HEAVY CONSTRUCTION OR BACKFILLING EQUIPMENT IN EXCESS OF 8 TON BE PERMITTED OVER THE STRUCTURE OR WITHIN 3' OF ANY STRUCTURAL ELEMENT WITHOUT AT LEAST 2' OF COVER OVER THE STRUCTURE UNLESS THE STRUCTURE IS DESIGNED FOR LESS COVER.

DURING BACKFILLING, AT NO TIME SHALL THERE BE MORE THAN 24" DIFFERENCE BETWEEN BACKFILL HEIGHT ON EACH SIDE OF THE CULVERT

BACKFILL DESCRIPTION

AASHTO GROUP CLASSIFICATION	A-1a	A-1b	A-2-4	A-2-5	A3
TYPICAL USCS MATERIALS	GW, GP, SP	GM, SW, SP, SM	GM, SM, ML, SP, GP	SC, GC, GM	SP, SM, SW
PERCENT PASSING #10	50 MAX.	50 MAX.	35 MAX.	35 MAX.	51 MIN.
PERCENT PASSING #40	30 MAX.	25 MAX.	15 MAX.	41 MIN.	10 MAX.
PERCENT PASSING #200	6 MAX.	6 MAX.	6 MAX.	10 MAX.	10 MAX.
CHARACTERISTICS OF FRACTION PASSING #40, LIQUID LIMIT					
CHARACTERISTIC OF FRACTION PASSING #40, PLASTICITY INDEX					
DESCRIPTION OF MATERIAL	MOSTLY GRAVEL WITH SOME SANDS AND FINES	GRAVELLY SAND OR GRADED SAND	SILTY OR CLAYEY GRAVEL AND SAND	SILTY OR CLAYEY GRAVEL AND SAND	FINE SAND



JUNE 18, 2020

FOR APPROVAL




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**NORTH BELLEVUE DRIVE
CULVERT REPLACEMENT**

STATE: OH



P.O. BOX 751471
DAYTON, OH 45475
800.241.0925

PROJECT NUMBER: 20-189
DATE: 6/17/2020
DESIGNED BY: POB
DRAWN BY: JCC
CHECKED BY: TEN

<u>Line #</u>	<u>Item Number</u>	<u>Quantity</u>	<u>Units</u>	<u>Unit Price</u>	<u>Extension</u>
<u>Description</u>					
<u>Supplemental Description</u>					
0034	644E00100	0.06	MILE	\$3,280.69	\$196.84
EDGE LINE, 4"					
0035	644E00300	0.03	MILE	\$7,092.75	\$212.78
CENTER LINE, (DOUBLE SOLID)					

Total for Group 0800:\$409.62

Group 1500: Structures Over 20 Foot Span

0036	530E00400	1.00	EACH	\$300,000.00	\$300,000.00
SPECIAL - STRUCTURES					
PRETEK ECO-SPAN CONCRETE ARCH SYSTEM					

Total for Group 1500:\$300,000.00

Group 9000: Incidentals

0037	623E10000	1.00	LS	\$5,000.00	\$5,000.00
CONSTRUCTION LAYOUT STAKES AND SURVEYING					
0038	624E10000	1.00	LS	\$33,500.00	\$33,500.00
MOBILIZATION					

Total for Group 9000:\$38,500.00

2021 Financial Summary (Budget)

Fund	Beginning Balance 1/1/2021	Budget Revenue	Budget Expenses	Net Difference	Ending Balance 12/31/2021
Property Tax Supported Funds					
General	\$ 1,837,182	\$ 1,089,810	\$ 1,088,548	\$ 1,262	\$ 1,838,444
Police	515,225	1,706,920	1,885,230	(178,310)	336,916
Police Pension	23,541	59,780	60,340	(560)	22,981
Fire	425,418	1,346,000	1,461,843	(115,843)	309,575
Capital Improvement	<u>626,177</u>	<u>350,000</u>	<u>372,750</u>	<u>(22,750)</u>	<u>603,427</u>
Subtotal	3,427,543	4,552,510	4,868,711	(316,201)	3,111,342
Transportation Related Funds					
Street	188,715	416,000	5,000	411,000	599,715
State Highway	50,095	30,000	-	30,000	80,095
Motor Vehicle	<u>206,572</u>	<u>52,030</u>	<u>-</u>	<u>52,030</u>	<u>258,602</u>
Subtotal	445,382	498,030	5,000	493,030	938,412
Water Related Funds					
Water	<u>3,018,598</u>	<u>1,496,950</u>	<u>1,534,377</u>	<u>(37,427)</u>	<u>2,981,171</u>
Subtotal	3,018,598	1,496,950	1,534,377	(37,427)	2,981,171
Other Funds					
Waste	92,729	540,000	576,800	(36,800)	55,929
Fuel System	6,510	1,250	1,200	50	6,560
Performance Bond	<u>14,923</u>	<u>6,000</u>	<u>12,000</u>	<u>(6,000)</u>	<u>8,923</u>
Grand Total - All Funds	<u>\$ 7,005,685</u>	<u>\$ 7,094,740</u>	<u>\$ 6,998,088</u>	<u>\$ 96,652</u>	<u>\$ 7,102,337</u>