



**City of Boyne City**  
Founded 1856

319 N. Lake Street

Boyne City, Michigan 49712  
www.boynecity.com

Phone 231-582-6597  
Fax 231-582-6506

**BOYNE CITY  
CITY COMMISSION REGULAR MEETING  
Boyne City Hall  
319 North Lake Street  
Tuesday, October 10, 2017 at 7:00 p.m.**

1. CALL TO ORDER AND PLEDGE OF ALLEGIANCE
2. ROLL CALL
3. CONSENT AGENDA  
The purpose of the consent agenda is to expedite business by grouping non-controversial items together to be dealt with by one Commission motion without discussion. Any member of the Commission, staff, or the public may ask that any item(s) on the consent agenda be removed and placed as the last item under new business to receive full discussion. Such requests will be automatically respected.
  - A. Approval of the September 26, 2017 City Commission regular meeting minutes as presented
  - B. Approval of the recommendation of the Airport Advisory Board to appoint Richard Wright as an Ex-Officio member with a term expiring August 24, 2020.
  - C. Approval to re-appoint Cindy Banner to the Compensation Commission for a five-year term expiring 10/1/2022
  - D. Approval to appoint Rob Swartz to the Compensation Commission for a four-year term expiring 10/1/2021
  - E. Approval of the recommendation to appoint Gow Litzenburger to the Parks and Recreation Board effective November 1, 2017 to serve the remainder of Mike Doumanian's term, which expires 12/31/2018
  - F. Approval of the recommendation to appoint Diane Sterling to the Parks and Recreation Board to serve the remainder of Patrick Patoka's term which expires 12/31/2020
4. HEARING CITIZENS COMMENTS (on non-agenda items; 5 minute limit)
5. CORRESPONDENCE
6. CITY MANAGER'S REPORT
7. REPORTS OF OFFICERS, BOARDS AND STANDING COMMITTEES
  - A. Draft Minutes of the September 5, 2017 Zoning Board of Appeals Meeting
  - B. Draft Minutes of the September 7, 2017 Main Street Board Meeting
  - C. Draft Minutes of the September 18, 2017 Planning Commission Meeting
  - D. Draft Minutes of the September 18, 2017 Historical Commission Meeting
  - E. Draft Minutes of the September 28, 2017 Airport Board Meeting

An Equal Opportunity Provider and Employer

**Hometown Feel, Small Town Appeal**

8. OLD BUSINESS

A. West Michigan Water Extension Special Assessment Public Hearing Date Change Request

Consideration to schedule a special meeting for the purpose of conducting the public hearing and taking other necessary steps to consider and possibly act on the proposed West Michigan / Woodland special assessment district

9. NEW BUSINESS

A. Avalanche Trail Grooming Proposal

Consideration to approve a proposal from Michael Cortright for trail grooming at Avalanche Park including allowing the winter storage of the equipment at the garage at Avalanche Park and assisting with the cost of fuel for grooming operations

B. Grant Request to Great Lakes Energy People Fund

Consideration to approve to allow City staff to apply for a grant through Great Lakes Energy People Fund for an amount of approximately \$3,000 to purchase exercise equipment for the City Hall fitness room and allow staff to carry out implementation of the grant if successful

C. Consumers Energy Streetlight Removal Proposal

Consideration to accept the proposal from Consumers Energy for the removal of 18 unneeded street lights throughout the City at a cost of \$9,733 and authorize City Staff to complete the necessary paperwork

D. Boyne Mountain Sanitary Sewer Force Main Extension

Consideration the additional information to be received and consider accepting the recommendation regarding hiring a contractor to complete the installation of a new 10" force main between Moll Drive and Topolinski Road

10. GOOD OF THE ORDER

11. ANNOUNCEMENTS

- The Chamber of Commerce State of the Community Luncheon will be held on Thursday, October 12, 2017 at 11:30 a.m. at Boyne Mountain
- The special City Commission meeting is scheduled for Tuesday, October 17, 2017 at 7:00 p.m.
- The Chamber of Commerce Candidate Forum will be scheduled for October 18, 2017 at 6:00 p.m. in the City Commission Chambers of City Hall
- The next regular City Commission meeting is scheduled for Tuesday, October 24, 2017 at noon

12. ADJOURNMENT



Scan QR code or go to  
[www.cityofboyne.org](http://www.cityofboyne.org)  
click on Boards & Commissions for complete  
agenda packets & minutes for each board

*Individuals with disabilities requiring auxiliary aids or services in order to participate in municipal meetings may contact Boyne City Hall for assistance: Cindy Grice, City Clerk/Treasurer, 319 North Lake Street, Boyne City, MI 49712; phone (231) 582-0334*

**SEPTEMBER 26, 2017  
REGULAR MEETING**

RECORD OF THE PROCEEDINGS OF THE REGULAR BOYNE CITY COMMISSION MEETING DULY CALLED AND HELD AT BOYNE CITY HALL, 319 NORTH LAKE STREET, ON TUESDAY SEPTEMBER 26, 2017

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**CALL TO ORDER**

Mayor Neidhamer called the meeting to order at noon followed by the Pledge of Allegiance.

Present: Mayor Tom Neidhamer, Mayor Pro-Tem Gene Towne and Commissioner Laura Sansom

Absent: Commissioners Hugh Conklin and Ron Grunch

Staff: Cindy Grice, Michael Cain, Andy Kovolski, Mark Fowler, Kelsie King-Duff, Scott McPherson, Patrick Kilkenny, Jeff Gaither and Barb Brooks

Others: There were 4 citizens in attendance including a representative from the Petoskey News Review.

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**EXCUSE  
COMMISSIONERS  
MOTION**

2017-09-082  
Moved by Neidhamer  
Second by Towne

To excuse Commissioner Grunch from attending today's meeting and Commissioner Conklin from attending today's meeting

Ayes: 3  
Nays: 0  
Absent: 2  
Motion carried

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**CONSENT AGENDA  
MOTION**

2017-09-083  
Moved by Sansom  
Second by Towne

To approve the September 12, 2017 City Commission regular meeting minutes as presented

Approved the recommendation from the Economic Development Corporation board to reappoint Michael Cain for a six year term expiring in March, 2023  
Approved to award the bid to supply ice control sand to R & B Excavating in the amount of \$13,500 and authorize the City Manager to execute the documents

Ayes: 3  
Nays: 0  
Absent: 2  
Motion carried

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**CITIZENS COMMENTS**

None

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**CORRESPONDENCE**

None

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**CITY MANAGERS  
REPORT**

City Manager Cain reported:

- The Fire Department's new tanker truck has arrived.
- The pavilion project is progressing well.

- Absentee ballots for the November 7<sup>th</sup> election are now available.
- Networks Northwest will be holding a housing summit on Monday October 19<sup>th</sup> in Traverse City.
- The Candidates Forum for the upcoming City Commission election will be held at City Hall on October 18<sup>th</sup> at 6:00 p.m.
- Congratulations to Woody Hardy who will be retiring on Friday, September 29 from the City after over 22 years of service.

**REPORTS OF  
OFFICERS, BOARDS  
AND STANDING  
COMMITTEES**

**West Michigan Water  
Extension Special  
Assessment**

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The August, 2017 Financial Statement was received and filed.

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Consideration to review and accept the reports, determine to proceed with the improvement, order that this report be filed with the City Clerk / Treasurer for public inspection, publish notice of its intention to make the improvements as called for in 50-7(a) thru (d) of the City's Code of Ordinance and authorize City Staff to take appropriate steps necessary for its continued review and receipt of public comments at the Commission's October 10, 2017, 7:00 p.m. meeting.

City Manager Cain discussed the next steps necessary in order to proceed in response to the petition filed requesting a special assessment district be created to pay for the development and installation of a water main, hydrants and related items to service properties on West Michigan and Woodlawn and the requirements of 50-6 of the Boyne City. Following is information necessary to proceed; The City Clerk/Treasurer has determined that all affected properties are current in their taxes; (a)(2-4) Provided, see attached reports from our Planning Director (pages 13-21) and City Assessor at the end of these materials; (a)(5) Provided, see attached project estimate from C2AE included on page 5. They recommend increasing the total to \$300,000 to cover any unexpected increases and adjusting as needed upon receipt of actual bids; (a)(6) Residents report failing wells, poor water quality and desire for improved fire-fighting resources as demonstrating the need for the proposed improvements; (b)(1) Based on all information received to date I believe the necessity, feasibility and desirability of the proposed improvements exist and recommend approval of the request; (b)(2) the benefiting properties pay 100% of the costs of the improvements. The City would be responsible for ongoing operation and maintenance; (b)(3) the map provided on page 4 show the approximate extent of the improvement as the blue dashed line and the district boundaries are shown by the area within the red dashed lines and (b)(4) the project would be financed by a loan from an appropriate financial institution to be funded by the proposed special assessment district for a period of 20 years. We are aware of no grants available to help support the project.

Staff Comments: None

Citizens Comments: None

Board Discussion: Commissioner Sansom said she would like to see a few more people added to lower the cost of this process. Is the interest rate fixed? Yes. Mayor Neidhamer and Mayor Pro-Tem Towne are in full favor.

**MOTION**

2017-09-084  
Moved by Towne  
Second by Sansom

To review and accept the reports, determine to proceed with the improvement, order that this report be filed with the City Clerk / Treasurer for public inspection, publish notice of its intention to make the improvements as called for in 50-7(a) thru (d) of the City's Code of Ordinance and authorize City Staff to take appropriate steps necessary for its continued review and receipt of public comments at the Commission's October 10, 2017, 7:00 p.m. meeting.

Ayes: 3  
Nays: 0  
Absent: 2  
Motion carried

**Charlevoix County  
Community Foundation  
Grants**

Consideration to approve the request for the City to apply for a grant from the Charlevoix County Community Foundation for Phase 2 of the Veteran's Park Pavilion Project and to allow City Staff to carry out the implementation of the grant if successful and consideration to approve the request for the City to be the applicant and administer the grant application to the Charlevoix County Community Foundation for matching funds for Phase I of the Boyne Valley Trail.

Kelsie King-Duff discussed the request to apply for a grant through the Charlevoix County Community Foundation for Phase II of the pavilion project. The total amount of the grant would be \$68,500 and would cover the cost of updating the bathrooms in the pavilion.

Staff Comments: None

Citizens Comments: None

Board Discussion: All Commissioners are in full favor.

**MOTION**

2017-09-085  
Moved by Sansom  
Second by Towne

To approve the request for the City to apply for a grant from the Charlevoix County Community Foundation for Phase 2 of the Veteran's Park Pavilion Project and to allow City Staff to carry out the implementation of the grant if successful.

Ayes: 3  
Nays: 0  
Absent: 2  
Motion carried

Planning Director Scott McPherson discussed the request to submit a grant application to the Charlevoix County Community Foundation to fund the \$30,000 other sources match requirement for the Phase I of the Boyne Valley Trailway project. Michigan DNR Trust Fund and MDOT Transportation Enhancement Alternatives funding has left \$100,000 in necessary funding. The City of Boyne City and Boyne Valley Township are matching \$35,000 each. Initial design work for the project is underway.

Staff Comments: None

Citizens Comments: None

Board Discussion: All Commissioners are in full favor.

**MOTION**

2017-09-086

Moved by Towne

Second by Sansom

To approve the request for the City to be the applicant and administer the grant application to the Charlevoix County Community Foundation for matching funds for Phase I of the Boyne Valley Trail.

Ayes: 3

Nays: 0

Absent: 2

Motion carried

**Seagull Deterrent**

Consideration to approve to purchase a Hot Track Bird Deterrent system for the City Hall facility in the amount of \$8,868 and authorize the City Manager to execute the documents

Public Works Superintendent Andy Kovolski discussed the proposals received to deter seagulls from perching along the roof peak of the new City Facility and leaving a mess. The proposal from Critter Control recommended using a product called Hot Track. This is a very low profile product that uses electricity to keep birds from roosting and landing on the ridgeline of the building. This product is barely visible from the ground level and the cost to supply and install this system is \$8,868. It will be adhered to the roof with glue.

Staff Comments: None

Citizens Comments: None

Board Discussion: Commissioner Sansom asked if it will be harmful to birds and was informed, no. All Commissioners are in agreement with the proposal.

**MOTION**

2017-09-087

Moved by Towne

Second by Sansom

To approve to purchase a Hot Track Bird Deterrent system for the City Hall facility in the amount of \$8,868 and authorize the City Manager to execute the documents.

Ayes: 3

Nays: 0

Absent: 2

Motion carried

**Good of the Order**

None

**ADJOURNMENT**

Motion by Mayor Neidhamer seconded by Commissioner Sansom to adjourn the Regular City Commission meeting of Tuesday, September 26, 2017 at 12:52 p.m.

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Tom Neidhamer  
Mayor

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Cindy Grice  
Clerk / Treasurer

DRAFT

DRAFT



To: Michael Cain, City Manager *Mc*

From: Jane Halstead, Secretary *JH*

Date: October 2, 2017

Re: Appointment of Richard Wright to the Airport Advisory Board

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At the Airport Advisory Board Meeting held on September 28, 2017 a motion was passed unanimously to recommend to the City Commission the appointment of Richard Wright to the Airport Advisory Board as an Ex-Officio member with a term expiring August 24, 2020.

CITY OF BOYNE CITY

**To:** Michael Cain, City Manager *Mc*  
**From:** Cindy Grice, City Clerk/Treasurer *CG*  
**Date:** October 3, 2017  
**Subject:** Compensation Commission Member Appointment



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Compensation Commissioner Cindy Banner's term on the board expired on October 1, 2017. Cindy has agreed to remain on the Commission if approved. There is also a vacant board position. Rob Swartz has expressed interest in serving. Rob also serves on our Main Street Board. This board has unusual circumstances regarding their meetings because they only meet every two years (only in odd numbered years). Therefore, no regular meetings were held in order to have the board make a motion recommending members to be appointed. However, existing board members have been contacted and are in agreement with this recommendation.

This Compensation Commission meets every other odd-numbered year and the first meeting will be scheduled for this coming week. If this commission deems other meetings are necessary, they have to complete their determination within forty-five days of their first meeting.

I am recommending that the City Commission appoint Rob Swartz to a year term expiring 10/01/2021, and reappoint Cindy Banner to a 5 year term expiring 10/01/2022.



*CITY OF BOYNE CITY*

*MEMO*

**To:** Michael Cain, City Manager *MC*  
**From:** Barb Brooks, Executive Assistant *BB*  
**Date:** October 5, 2017  
**Subject:** Parks and Recreation Board Resignations and Appointments

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At the Thursday, October 7, 2017 meeting of the Parks and Recreation Board, the board unanimously voted to recommend to the City Commission the resignations of board member Michael Doumanian. In a separate motion the board unanimously voted to recommend the appointment of Gow Litzenburger to the Parks and Recreation Board, effective November 1, 2017, to serve the remainder of Doumanian's term; which expires 12/31/2018 and Diane Sterling to the Parks and Recreation Board to serve the remainder of Patrick Patoka's term; which expires 12/31/2020.

Copies of both of their applications are attached for your review.

# CITY OF BOYNE CITY

319 North Lake Street

Boyne City, MI 49712

(231) 582-6597



## BOARD MEMBER APPLICATION

The City understands you are interested in becoming a member on one of the City Advisory Boards/Commissions. We appreciate your interest and future dedication to Boyne City. In order for the City to have information on file as reference when the next board has an opening, we ask you please complete the following and return to City Hall.

Name: HOW LITZENBURGER  
 Address: 411 PEARL ST  
 Telephone: 838-4414 (daytime) \_\_\_\_\_ (evening)  
 Email: TREEFRIEND@ATT.NET  
 Occupation: NURSERYMAN

Please check any Advisory Board or Commission you may be interested in.

- |   |   |
|---|---|
| <input type="checkbox"/> Airport Advisory Board           | <input type="checkbox"/> Economic Development Corporation           |
| <input checked="" type="checkbox"/> Historical Commission | <input type="checkbox"/> Main Street / DDA Program                  |
| <input type="checkbox"/> Planning Commission              | <input checked="" type="checkbox"/> Parks and Recreation Commission |
| <input type="checkbox"/> Board of Review                  | <input type="checkbox"/> Housing Commission                         |
| <input type="checkbox"/> Local Development                | <input type="checkbox"/> Zoning Board of Appeals                    |
| <input type="checkbox"/> Finance Authority                | <input type="checkbox"/> District Library Board                     |
| <input type="checkbox"/> Historic District Commission     |   |

Reason(s) you wish to serve:  
I CURRENTLY SERVE ON THE  
HARBOR SPRINGS TREE BOARD and  
have very much enjoyed it!

Other community or civic service activities:  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

Signature How Litzenburger Date OCT 20 16

# CITY OF BOYNE CITY

319 North Lake Street Boyne City, MI 49712 (231) 582-6597



## BOARD MEMBER APPLICATION

The City understands you are interested in becoming a member on one of the City Advisory Boards/Commissions. We appreciate your interest and future dedication to Boyne City. In order for the City to have information on file as reference when the next board has an opening, we ask you please complete the following and return to City Hall.

Name: Diane Sterling  
Address: 314 McKinley Street  
Telephone: 7343553160 (daytime) same (evening)  
Email: boynes@charter.net  
Occupation: School psychologist

Please check any Advisory Board or Commission you may be interested in.

- |   |   |
|---|---|
| <input type="checkbox"/> Airport Advisory Board       | <input type="checkbox"/> Economic Development Corporation           |
| <input type="checkbox"/> Historical Commission        | <input type="checkbox"/> Main Street / DDA Program                  |
| <input type="checkbox"/> Planning Commission          | <input checked="" type="checkbox"/> Parks and Recreation Commission |
| <input type="checkbox"/> Board of Review              | <input type="checkbox"/> Housing Commission                         |
| <input type="checkbox"/> Local Development            | <input type="checkbox"/> Zoning Board of Appeals                    |
| <input type="checkbox"/> Finance Authority            | <input type="checkbox"/> District Library Board                     |
| <input type="checkbox"/> Historic District Commission |   |

Reason(s) you wish to serve:

My husband and I own two houses in  
the city. We are an active family  
that regularly utilizes all of the  
city parks.

Other community or civic service activities:

Char Em Job Olympics, have done  
some volunteering with Humane Society,  
School Improvement Team and  
numerous school sport supports.

Signature

Date 10/5/17  
originally submitted  
August 2017

Approved: \_\_\_\_\_

**Meeting Of  
September 5, 2017**

Record of the proceedings of the regular Boyne City Zoning Board of Appeals meeting held at Boyne City Hall, 319 N. Lake Street, on Tuesday, September 5, 2017 at 5:00 p.m.

**Call To Order**

Chair Kubesh called the meeting to order at 5:00 p.m.

**Roll Call**

Present: Bob Carlile, Pat Kubesh, John McClorey, Lynn Murray and Roger Reynolds  
Absent: None

**Meeting Attendance**

City Officials/Staff: Assistant Planning and Zoning Administrator Patrick Kilkenny and Recording Secretary Pat Haver  
Public Present: Seven

**Approval of the Minutes  
MOTION**

**ZBA 2017-09-05-2**  
**Carlile moved, Reynolds seconded, PASSED UNANIMOUSLY**, a motion to approve the May 2, 2017 minutes as presented.

**Hearing Citizens Present**

None

**Correspondence(s)**

None

**New Business**

Public Hearing opened at 5:01 pm

**Variance Request  
417 Bay St  
DJP Holdings LLC**

Assist Zoning Administrator Patrick Kilkenny reviewed his staff report that was included in the agenda packet. The applicant is requesting a variance from Section 21.36 – *Accessory Buildings and Structures (A.) General Standards (3)* for the removal and replacement of an existing nonconforming deck attached to the south side of the residence, on its existing footprint and is not proposed to be expanded or enlarged from the current dimensions. Topography is steep on the northern half, sloping north to south gradually with a steep drop to the lakeshore. It is nonconforming due to the encroachment into the 35 ft. waterfront setback.

**Carlile** – When was the residence purchased, is it your primary residence, and was the deck there when you bought it?

**Debbie Poole** - Early 70's, it is not my principle residence, and a portion of the deck was there when my parents purchased the home, the deck was extended in the early 70's. There is no intention to put any sheds or other structures on the deck. We want to change what is currently there because it is unsafe and have no plans to increase the size.

**Reynolds** – Read section 21.42 Restoration of Unsafe Buildings. Questioned if the board had any jurisdiction with the repair of the deck.

**Kilkenny** – General repair and maintenance is acceptable with regards to this section, however, complete removal and replacement of a non-conforming structure is why we are here tonight.

**Reynolds** – If they do the repair in sections, we wouldn't be involved right?

**Kilkenny** – The indication from the applicant is that a complete removal and replacement of the deck is what they are requesting.

**Reynolds** – Are you going to do all at once, or will you be doing it in sections?

**Applicant's contractor** – the whole deck will need to be removed and replaced, however, we will utilize the same pads that are already there.

Public Hearing closed at 5:12 pm

Board Deliberation

**McClore** - Citing section 26.25 (D) requires conformity if greater than 50 percent is replaced.

**Murray** - that peaked my interest also, if you designed a 10% reduction in the deck area, you could bring it within conformity.

**Carlile** - Were you informed that it was a nonconforming deck and did you build any of it?

**Poole** - We put on the portion of the deck that goes out

**Murray** - In 1992 the deck was nonconforming and that was when they could make the determination of which side was the front or the back.

With no further discussion, Kubesh facilitated the discussion on the General Findings of Fact and then moved onto the Findings of Fact under Section 24.80

**FINDINGS OF FACT UNDER SECTION 24.80. NON-USE VARIANCES**

In hearing and deciding appeals for variances, the Board shall adhere to the following criteria in determining whether or not practical difficulties and/or unnecessary hardships exist:

1. Requiring the owner to comply with the regulations governing area, setbacks, frontage, height, bulk, density or other non-use requirements would unreasonably prevent the owner from using the property for a permitted purpose, or would render conformity with such regulations unnecessarily burdensome.

*Negative - the applicants have proposed a complete removal and replacement of the deck, so it must be brought back into conformity.*

Because the answer to question #1 was not in the affirmative, the board did not go through the remainder of the questions, as all 5 answers must be in the affirmative.

**Motion by Reynolds, seconded by McClore** to deny the request of DJP Holdings LLC as submitted on the grounds of their requested rebuild as proposed would be in violation of the zoning laws.

**MOTION**

2017-09-05-5A.

Roll Call

Ayes: Kubesh, McClore, Reynolds

Nays: Carlile and Murray

Abstain: None

Absent: None

*Motion Carries*

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Public Hearing opened at 5:32 pm

**Variance Request  
816 Lower Lake Dr.  
Sally Kemp**

Assist Zoning Administrator Patrick Kilkenny reviewed his staff report that was included in the agenda packet. The applicant is requesting a variance from Section 21.36 - *Accessory Buildings and Structures (A.) General Standards (3)* for the addition of an attached 15'x 16' car port on the front of the home, and the removal of an existing 5.3'x 20.5' covered porch and replacement with a 8' x 20.5' covered porch also on the front of the home.

- The existing home encroaches into the 35' front yard setback approximately 17.3'.
- The proposed carport addition will require 27.2' of relief from the 35' front yard setback.
- The proposed covered porch will require 19.2' of relief from the 35' front yard setback.

The topography of the property is steep on the northeastern and northwestern portion sloping from east to west, and generally flat on the southeastern and southwestern portion. The variance request will also require removal of the existing driveway and installation of a new pavement or hard surface material driveway providing access to the carport.

Assistant Zoning Administrator Kilkenny had a phone call in support from Lois Thornberry, a neighbor.

**McClore** – Is there any problems with 40% of the front yard being concrete with the new driveway?

**Kilkenny** – In the WRD; 30% of the total lot can be covered with buildings to account for the impervious surface, I do not believe that driveways are included in that amount. 40% of the front yard can be covered with inorganic materials.

**Carlile** – Am I correct that there are no impediments?

**Kemp** – The impediments are the existing drive, there is only 10 ft from the house to the edge and less than that in some spots due to a gas meter and hole, I am not sure how I will get a snowplow to clean this winter. I did not initially envision the improvements that I have come forward with, but hoped there would be some area to put up a carport to keep the snow from the car this winter. When I purchased the property in June of this year, the rocks were not at the property line at that time. I had a carpenter assist in making the plans aesthetically pleasing. Due to people using the adjacent land for parking without permission, the adjacent property owner placed rocks, on their property, anywhere from 6 to 8 inches off of the property line.

**Kevin Klevorn: neighbor** - what is the distance from the house towards my property to the south? The carport shows 15 ft, but does not show any distance past the residence? **Murray** 8' 2" is what I came up with.

**Kemp** – The posts will be just past the house, and the roof will be an additional foot or two,

**Kilkenny** – The requirement is 5 ft past the drip edge.

**Reynolds** - The residence is already encroaching into the setback by 17.5 ft. and you are requesting an additional 10 ft. that is getting really close to the road, can't see how that would allow us to not follow the zoning laws.

**McClore** – Sometimes we are able to grant variances, depending on the individual circumstances.

With no further comments, public hearing closed at 5:56 pm

With no further discussion, Kubesh facilitated the discussion on the General Findings of Fact and then moved onto the Findings of Fact under Section 24.80

The board had concerns that they were being asked to extend a current nonconformity by granting the variance. According to the homeowner, there is usage value in the present situation, however, wanted to put up a carport and extend the front porch. Safety concerns for the general public were also brought up because of the requested variance.

**FINDINGS OF FACT UNDER SECTION 24.80. NON-USE VARIANCES**

In hearing and deciding appeals for variances, the Board shall adhere to the following criteria in determining whether or not practical difficulties and/or unnecessary hardships exist:

1. Requiring the owner to comply with the regulations governing area, setbacks, frontage, height, bulk, density or other non-use requirements would unreasonably prevent the owner from using the property for a permitted purpose, or would render conformity with such regulations unnecessarily burdensome.

*Negative – the applicant indicated that there was usage with the current nonconformity, however, wanted additional space on the front porch and to put up a carport; so is not unnecessarily burdensome.*

Because the answer to question #1 was not in the affirmative, the board did not go through the remainder of the questions, as all 5 answers must be in the affirmative.

**MOTION**

**Motion by McClorey, seconded by Carlile** to adopt the General Findings of Fact reaching a conclusion that the Findings of Fact under Section 24.80 has not met the requirements.

2017-09-05-5B.

Roll Call

Ayes: Carlile, Kubesh, McClorey, Murray and Reynolds

Nays: None

Abstain: None

Absent: None

*Motion Carries*

**Zoning Ordinance  
Interpretation – Section  
20.30(L)**

Assist Zoning Administrator Patrick Kilkenny reviewed his staff report that was included in the agenda packet. Staff is requesting an interpretation of Section 20.30(L); this section seems contradictory in stating no rear or side yard setback is required for properties abutting a public alley, however, accessory buildings in the rear yard are required to meet setbacks. With board discussion, they all felt that there should be setbacks required due to public safety; and want to refer this item to the Planning Commission for their opinion and suggest a zoning ordinance amendment to clarify the intent of Section 20.30(L).

With no further discussion, **motion by Carlile, seconded by Murray** to refer this item back to the Planning Commission for clarification on the intent of Section 20.30(L) with suggestion from the ZBA that there is some sort of setback for accessory structures on a public alley.

2017-09-05-5C.

Roll Call

Ayes: Carlile, Kubesh, McClorey, Murray and Reynolds

Nays: None

Abstain: None

Absent: None

*Motion Carries*

It will be a minimum of 60 days for this to run through the amendment process and then a codification will need to be done on the Zoning Ordinance.

**Old Business and  
Reports of Officers, Boards  
and Standing Committees**

None

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**Good of the Order**

None

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**Announcements**

The next meeting of the Boyne City Zoning Board of Appeals is scheduled for October 3, 2017 at 5:00 p.m.

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**Adjournment  
MOTION**

**ZBA 2017-09-05-10**

**Murray moved, McClorey seconded, PASSED UNANIMOUSLY** a motion to adjourn the Tuesday, May 2, 2017 Boyne City Zoning Board of Appeals meeting at 6:19 p.m.

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Patrick Kubesh, Chair

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Pat Haver, Recording Secretary

*DRAFT*



Approved: 10/31/17 *JH*

Meeting of  
September 7, 2017

MINUTES OF THE BOYNE CITY MAIN STREET BOARD REGULAR MEETING  
HELD ON THURSDAY, SEPTEMBER 7, 2017 at 8:30 AM CITY HALL, 319 NORTH  
LAKE STREET

**Call to Order**

Chair Pat O'Brien called the meeting to order at 8:32 a.m.

**Roll Call**

Present: Robin Berry, Michael Cain, Becky Harris, Pat O'Brien, Rob Swartz, Ben  
Van Dam

**Meeting  
Attendance**

Absent: Chris Bandy, Michelle Cortright, Don Ryde

City Staff: Main Street Director Kelsie King-Duff, Recording Secretary Jane  
Halstead, Assistant Planning/Zoning Administrator Patrick Kilkenny,  
Main Street Assistant Ingrid Day

Public: One, Ashley Cousens

**Excused Absences  
MOTION**

**Cain moved, Swartz seconded, PASSED UNANIMOUSLY** to excuse Chris Bandy,  
Michelle Cortright and Don Ryde.

---

Kelsie King-Duff requested an item be added to the agenda regarding a donation of  
a sculpture of a wolverine.

**Additional Agenda  
Item  
MOTION**

**Cain moved, Van Dam seconded, PASSED UNANIMOUSLY** to add agenda item 8C -  
the Wolverine Sculpture item to the meeting agenda.

**Approval of Minutes  
MOTION**

**Van Dam moved, Cain seconded, PASSED UNANIMOUSLY** to approve the  
June 29, 2017 minutes as presented.

**Citizens Comments**

None.

**Correspondence**

Rob Swartz received correspondence from the Safe Group concerning an upcoming  
Medical Marijuana Conference. Other members of the Board received it as well.

## Committee Reports

### Organization Committee

Swartz reported that the Organization Committee has no formal recommendations at this time. Currently the Committee is working on the market study update and a parking study.

Camp Quality is looking for a new Director.

The terms of Van Dam and Cortright expire in January 2018.

### Promotions Committee

King-Duff announced that the Harvest Festival is September 30<sup>th</sup>. Stroll the Streets is done for the year.

### Design Committee

Harris reported the Committee is trying to come up with money for the base of the new mosaic sculpture that is to be placed in Peninsula Park. The location of the sculpture has already been approved by the City Commission.

An RFP has been submitted for Holiday Decorations for the 2018 season.

The Committee is working on developing fundraising ideas to support new projects.

Future Design Committee meetings will be held upstairs in the new City facilities.

### Economic Vitality/Team Boyne

King-Duff said the market study update has been interesting to work on.

Patrick Little, the Superintendent of Boyne City Public Schools, will be the speaker at the next meeting to discuss the millage on the next ballot.

### Marketing

King-Duff said the Committee is taking an inventory on the current banners hanging in the City. There are more banners which could be hung and hardware to hang approximately 6 more. Currently there are 30 or 35 banners in use.

### Boyne Thunder

The Boyne Thunder Committee has not met since the event. They are awaiting the final financial numbers.

### Farmer's Market

The Farmer's Market Committee does not meet in the summer.

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## Director's Report

- King-Duff will be on Beaver Island this Sunday and Monday for Leadership Charlevoix County.
- The Market Study has been a fun project. The results are expected in December.
- King-Duff will be attending the Michigan Main Street Quarterly Training in Howell.
- Patrice Frey, the President and CEO of National Main Street is planning to visit Boyne City September 27<sup>th</sup>.
- Phase 1 of the Pavilion remodel has been approved and the groundbreaking took place September 6<sup>th</sup>.

**Old Business**

None.

**New Business**

**Farmer's Market Manager**

King-Duff thanked Becky Harris for filling in as the Market Manager this summer. It has been an uphill battle to fill the position. The position was offered to an applicant but was subsequently turned down. King-Duff would like to increase the pay in order to make the position more attractive. Raising vendor fees could cover the additional cost.

**Vendor Fee Increase  
MOTION**

**Cain moved, Swartz seconded, PASSED UNANIMOUSLY** to approve a Vendor Fee increase as recommended by the Farmer's Market Committee.

Harris plans on working on fundraising so that the new Farmer's Market Manager can focus on the Farmer's Market itself.

**Financial Report Review**

Van Dam had a question on the Service Maintenance line item for \$75,000 and what that provides. Cain said that still needs to be clarified and he will meet with King-Duff to discuss.

The Financial Report was received and filed.

**Other**

- **Theatre** – No update. King-Duff will check in with Rich Bergmann to see how everything is going.
- **Open Space** – Cain stated he expects the final acquisition to happen at year end or at the beginning of next year. No new Millage will be required.
- **Pavilion** – The renovation has begun and will include the expansion of the footprint of the building and the updating the exterior. Currently there is not enough money to improve the restrooms but we are applying for a grant from the Charlevoix Community Foundation.
- **Wolverine Sculpture** -A Grand Rapids artist wants to donate a sculpture of a Wolverine to the City. The Design Committee would like the sculpture to go in Old City Park. They are going to check with the artist to see if he will provide the pedestal.

**Wolverine Sculpture  
MOTION**

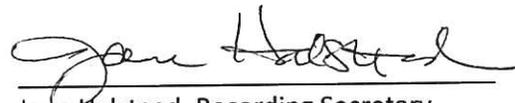
**Swartz moved, Van Dam seconded, PASSED UNANIMOUSLY** to recommend to the City Commission to accept the Wolverine Sculpture for placement in the Old City Park.

## Good Of The Order

- The Concert Series has started at Freshwater Art Gallery. The Chenille Sisters will play October 14<sup>th</sup>.
  - Cain said that ACD will finalize their installation of the communication poles by the Chamber sometime this fall.
  - The City has been experiencing some back pressure on the storm drains due to the high water and rain we've experienced this summer.
  - There has been good reception for the new fishing pier.
  - MSU Extensions office are moving into the new City Hall on Friday.
  - Swartz reported the triathlon went well last weekend. There were approximately 300 athletes from 11 states.
- 

## ADJOURNMENT

O'Brien adjourned the Boyne City Main Street Board meeting of September 7, 2017 at 10:40 a.m.



Jane Halstead, Recording Secretary

Approved: \_\_\_\_\_

**Meeting of  
September 18, 2017**

Record of the proceedings of the Boyne City Planning Commission regular meeting held at Boyne City Hall, 319 North Lake Street, on Monday September 18, 2017 at 5:00 pm.

**Call to Order**

Vice Chair Place called the meeting to order at 5:00 p.m.

**Roll Call**

Present: Ken Allen, Tom Neidhamer, Aaron Place, Jeff Ross and Joe St. Dennis  
Absent: Jason Biskner, George Ellwanger, Chris Frasz and James Kozlowski

**Excused Absences**

**2017-09-18-02**

**\*\*Motion**

**Allen moved, Ross seconded, PASSED UNANIMOUSLY**, a motion to excuse the absence of Biskner, Ellwanger, Frasz and Kozlowski.

**Meeting Attendance**

City Officials/Staff: Planning and Zoning Administrator Scott McPherson and Recording Secretary Pat Haver  
Public Present: 2

**Consent Agenda**

**2017-09-18-03**

**\*\*Motion**

**Ross moved, Neidhamer seconded, PASSED UNANIMOUSLY**, a motion to approve the Planning Commission minutes from August 21, 2017 as presented.

**Citizen comments on  
Non-Agenda Items**

None

**Reports of Officers,  
Boards and Standing  
Committees**

None

**Unfinished Business**

**Proposed Site Plan  
Amendment for  
Boyne City Preschool  
1040 Roosevelt St.**

Planning Director McPherson reviewed his staff report that was included in the agenda packet. The Boyne City Preschool submitted an application for a sketch plan review for a development plan amendment on a 56 x 26 ft. addition to their existing structure for additional classroom space, kitchen, office space and entry. This board reviewed the proposed plan at the regular May meeting, but could not approve the plan as it was proposed because it did not meet the ordinance requirements for parking. Today they have submitted additional plans showing a deferred parking area in the back of the building and is requesting a waiver to be granted of the parking requirements as provided by section 25.10(B)(3). While the parking area of the previously approved plan in 1988 is being eliminated with the proposed addition, a new paved parking area in the right of way is being developed with the guidance of the City's DPW staff and would be acceptable with the provision that an easement for a sidewalk is obtained, which the daycare center has indicated would be granted. The board had questions about the current parking situation and if the proposed parking in front would be curved or straight. DPW Director Kovolski is currently working with them as a portion of the parking will be in the right of way, it is not a high traffic area, and is on a very narrow road; this area will be paved, once the addition is completed. Other inquiries were what would trigger the "need" for the deferred parking to be completed, it depends upon enrollment, staffing and future growth. The deferred area is currently located over their septic field & tank, and they are aware that if the parking has to be established, they will need to hook into the city's water and wastewater systems. Kristin Noblett, applicant for the preschool; was very appreciative of staff's guidance both in the Planning Department and the DPW.

**\*\*Motion**

With no further board discussion, **motion by Allen, seconded by Ross** to approve the development plan amendment for the Boyne City Preschool as presented with approval of a waiver for the deferred parking area as provided by Ordinance section 24.10 (B)(3) as the proposed plan meets all other applicable ordinance requirements.

**2017-09-18-6A**

**Roll Call:**

Ayes: Allen, Neidhamer, Place, Ross and St. Dennis

Nays: None

Absent: Biskner, Ellwanger, Frasz and Kozlowski

*Motion Carries*

**New Business**

**Ordinance interpretation recommendation from Zoning Board of Appeals**

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Planning Director McPherson reviewed his staff report that was included in the agenda packet. After a review of the zoning ordinance, staff requested an interpretation of section 20.30(L) by the Zoning Board of Appeals at their meeting on September 5, 2017. This section seemed contradictory in stating no rear or side yard setback is required for properties abutting a public alley, however, accessory buildings in the rear yard are required to meet setbacks. After discussion from the ZBA a motion was made to refer this item back to the Planning Commission for clarification on the intent of Section 20.30(L) with suggestion from the ZBA that there is some sort of setback for accessory structures on a public alley. At this point, staff feels that it would be best to strike Section 20.30(L) from the ordinance. After discussion from the Planning Commission, they concurred with his assessment and have directed staff to begin the process to have the language stricken from the zoning ordinance by setting up the required public hearings.

**Waterfront District Discussion**

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At the recent ZBA meeting, 2 variance requests were heard that were in the WFD. One of the requirements is a 35 ft setback from the water, which is considered the front yard. There are homeowners in the WFD that do not have waterfront property; however, are encumbered with the same front yard setback requirements. If the homeowners in the WFD that are not on the water were not held to the strict 35 ft front yard setback, one applicant would have been able to move forward with her renovations without having to ask for a variance. What would be the purpose to have these residences burdened with such a large setback if they do not have waterfront properties? There are areas in the city that examples of homes that are in the WFD that are not on the waterfront are the north side of Bay St. and Lower Lake St. Staff has been directed to come up with wording to alleviate the strict requirements of the non-waterfront properties in the WRD

**Staff Report**

- 
- It is once again time to come up with nominations for the Marvin Loding Awards that are presented to individuals and businesses who have been recognized for their efforts in the upkeep, renovations and pride in their homes and businesses.
  - Planning Staff will be attending the Michigan Association of Planners conference next week.
  - Networks Northwest will be holding a Housing Forum on October 16<sup>th</sup> in Traverse City, from 9 to 4:00 pm. Anyone who is interested in attending, please let Scott or Pat know so that we can get participants registered. So far, Scott McPherson, Michael Cain, Ken Allen and Jeff Ross have expressed an interest in attending.
-

**Good of the Order**

Ken Allen is requesting a review of the uses for the new city facilities building, specifically the downstairs. The Winter Farmers Market has been proposed to use the lobby and the training/conference room this winter, and his concern is that the city did not take the time to consider additional uses for the time the market is in the building and the impact that it may have. A letter was submitted to the Mayor for consideration on groups, times and charges for the space.

**Adjournment**

---

The next regular meeting of the Boyne City Planning Commission is scheduled for Monday, October 16, 2017 at 5:00 p.m.

**\*\*Motion**

**2017-09-18-10**

**St. Dennis moved, Neidhamer seconded, PASSED UNANIMOUSLY** a motion to adjourn the September 18, 2017 meeting at 5:45 p.m.

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Vice Chair Aaron Place

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Recording Secretary Pat Haver

DRAFT

BOYNE CITY HISTORICAL COMMISSION

Minutes of September 18, 2017

7:00 p.m.

Boyne City Hall

CALL TO ORDER: 7:02 pm

PRESENT: Hewitt, Sansom, Alexander, Dawson, Raycraft.

ABSENT: Kelts, Barden.

GUEST: none

**Minutes**

Motion by Raycraft, second by Dawson to approve minutes from March 27, May 22, June 13 and July 17<sup>th</sup>., all ayes.

**Old Business**

Recap of the LaFrance Celebration.

Sansom informed us that the canceled post mark has been requested and once retired we will have it for the museum. Post office to give us a list of locations people requested the postmark from, we had a couple from out of the country.

Friday night open house was very successful, the raffle winner has done the LaFrance Fire truck ride and was very happy. Overall we made approximately \$700.00.

**New Business**

- A. Motioned by Alexander, second by Raycraft to accept letter of resignation from Marcia Lazarz., All Ayes.

**Citizens Comments**

None

**Communications**

Sansom asked if anyone could help with a small display case for in the museum, bring it down from storage and place some of our sellable items in it. Hewitt will ask Andy Kovolski if his crew can bring the display case down for us. Raycraft and Alexander offered to help Sansom with the display.

Hewitt gave an update on the interviews for the new museum board. In total 8 people would be interviewed.

Hewitt gave a copy of the CCHPS Newsletter that was just mailed with discussion on its content.

Flyer for the fall Michigan Museum Association conference in Lansing, Alexander will try to attend.

Have video running on tv during the Oct. 4<sup>th</sup> presentation.

Reminder of the October 4, 2017 presentation from Joe Hines on Phase I of the museum planning project.

None

**Next Meeting,** November 13, 2017 7:00

**Adjournment:** 8:07 pm

DRAFT



Approved: \_\_\_\_\_

**MEETING OF  
SEPTEMBER 28, 2017**

**RECORD OF THE PROCEEDINGS OF THE MEETING OF THE BOYNE CITY  
AIRPORT ADVISORY BOARD HELD SEPTEMBER 28, 2017**

**CALL TO ORDER**

**Chair Schmidt** called the meeting to order at **5:30 p.m.** followed by the pledge of allegiance.

**ROLL CALL  
ATTENDANCE**

**Present:** Richard Bouters, Jerry Schmidt, Leon Vercruysee, Oral Sutliff,  
\*Rod Cortright  
**Absent:**, Brian Harrington\* Leon Jarema\* Bud Chipman  
*\*Ex Officio Members*

**Citizens:** Ron Ludgin  
**Staff:** Airport Manager/City Manager, Michael Cain

**EXCUSED ABSENCES  
MOTION**

NONE

**APPROVAL OF MINUTES  
MOTION**

Motion by **Sutliff** Seconded by **Vercruysee** **PASSED UNANIMOUSLY** to approve the **August 24, 2017** minutes as written.

**CORRESPONDENCE**

NONE

**CITIZENS COMMENTS  
(NON-AGENDA ITEMS)**

NONE

**COMMITTEES**

NONE

**UNFINISHED BUSINESS**

**A. General Utility Licensing – Obstruction Issues:**

1. **Tree removal** – The board has identified trees to be removed from Airport property. DPW will be contacted to accomplish this project.
2. **Displaced Threshold Markers** – Richard Bouters reported on the alignment of the Displaced Threshold Markers with regard to the Threshold lighting. The board will explore options.
3. **Re-location of the Fire Hydrant on Brockway** – Michael Cain reported that the Water Department has developed a plan to re-located the Hydrant along Brockway St. to enable the Airport fence to be moved and be in compliance with FAA regulations.
4. The Airport Board will invite Randy Collier from MDOT Office of Aeronautics to meet and discuss current Airport Status.

5. The Airport Board will research if the power poles at the East end of the Airport are in FAA compliance as a lighted obstruction.

- B. **Hangar A-12 – Cooper Lease Update:** The City Commission has approved setting the fee rate for Hangar A-12 at \$500.00/month or \$5000.00/yr if a year is paid in advance. Licensee will be responsible for any utility costs. The current tenant, John Cooper has indicated he would lease the hangar at this rate when it comes into City position in February of 2018.
- C. **Drag Race Update:** The Labor Day weekend Drag Race held at the Airport was well attended and proceeded without incident.
- D. **Other:** 1. Airport WiFi – Richard Bouters reported on conversations with Barb Brooks regarding the application of new WiFi at the terminal. This project is ongoing.
- E. **Vehicle Traffic on the Airport:** Due to increased traffic related to seasonal boat & trailer storage on the airport, the board will develop a plan to minimize the risk of incursion between Aircraft and vehicles.

## NEW BUSINESS

- A. **Hangar C-19:** This City Controlled hangar is currently available for rental.
- B. **Board Member Application** – Richard Wright:  
Motion by **SCHMIDT** seconded by **SUTLIFF PASSED UNANIMOUSLY** to recommend to the City Commission to appoint Richard Wright to the Airport Advisory Board as an Ex Officio member.
- C. **Lifeline Pilots:** The board reviewed a handout contained in the agenda packet regarding Lifeline Pilots. No action required by the board.
- D. **Fly-In – October 14<sup>th</sup> & 15<sup>th</sup>:** Lakes of the North Pilots are hosting a Flying Poker Run on these dates and will use the Boyne City Airport as one of their Poker Hand stops.
- E. **Other:** 1. Long time city employee Woody Hardy is retiring after 22 yrs with the city. The Airport Advisory Board wants to thank Woody for his service and the work he has done over the years to help keep this Airport in such good condition. Enjoy your retirement. 2. Rod Cortright gave Up North airplane rides to a group visiting from Washington, DC. A great introduction to the North.

## GOOD OF THE ORDER

## ANNOUNCEMENTS

## NEXT MEETING

## MOTION

## ADJOURNMENT

A. The Aviation Fuel price is **\$4.19 per gallon as of August 15, 2017.**

A. The next regular Airport Advisory Board meeting is schedule for **Thursday, October 28, 2017 at 5:30pm** at the Airport Terminal.

A. The meeting was adjourned **6:40pm** by **Chair Schmidt.**

Richard L. Bouters-Secretary\_\_\_\_\_

**City of Boyne City****MEMO**

Date: October 6, 2017

To: Mayor Neidhamer and the Boyne City City Commission

From: Michael Cain, City Manager 

Subject: West Michigan/Woodland Water Main Extension Special Assessment Hearing Rescheduling

After the last City Commission meeting City personnel were unable to publish the required 10 day notice as called for in the City's Code of Ordinances. As such the public hearing scheduled for October 10<sup>th</sup> could not be properly held. Upon realizing this we began to consider alternate public hearing dates. I contacted the petition circulator who advised me a special meeting on Tuesday, October 17<sup>th</sup> would be preferable over our next regular meeting on October 24<sup>th</sup> at noon since some of the residents in the area will be leaving for the winter prior to then. As such we moved forward and issued the required notices for the rescheduled public hearing to be held in the City Commission Chambers on Tuesday, October 17<sup>th</sup> at 7:00 p.m.

We apologize for any inconvenience this may have caused.

**RECOMMENDATION:** That the City Commission schedule a Special Meeting for Tuesday, October 17<sup>th</sup> at 7:00 p.m. for the purposed of conducting the public hearing and taking other necessary steps to consider and possibly act on the proposed West Michigan/Woodland special assessment district.

**Options:**

- 1) Postpone the matter for further information or consideration.
- 2) Conduct the Public Hearing on an alternate date or otherwise modify the request.
- 3) Deny the request.
- 4) Other options as determined by the City Commission.

## MEMORANDUM

**TO: MICHAEL CAIN; CITY MANAGER** *Mc*

**FROM: ANDREW KOVOLSKI; PUBLIC WORKS SUPERINTENDENT; AND BARB BROOKS; EXECUTIVE ASSISTANT** *AK*  
*BB*

**DATE: 10/6/17**

**RE: AVALANCHE TRAIL GROOMING PROPOSAL**

At the Parks and Recreation Commission Meeting of October 5, 2017 a presentation was made by Michael Cortright to provide winter trail grooming at Avalanche Park. His proposal includes grooming of the new Biking Trails installed at the Park. He also proposes to groom the hiking trails to provide a packed surface for walkers. Attached to this memorandum you will find a map of the proposed trails to be groomed and a page containing points he will make during his presentation to the City Commission.

Also attached to this memorandum you will find pictures showing the equipment to be utilized and some pictures showing the groomed trail it makes. He was the person doing the groomed trails at the Boyne City Schools Forest Trail last winter. The machine he plans to use at Avalanche was purchased with funds granted to him by the Charlevoix County Community Foundation. He is not asking the City to provide funds to purchase the machine.

In his presentation to the Parks and Recreation Commission Mr. Cortright did ask for permission from the City to store the machine in the Garage at Avalanche and for help with the cost of fuel. Mr. Cortright will be present at the October 10 City Commission Meeting to make a presentation to them.

### **RECCOMENDATION:**

The Parks and Recreation Board voted unanimously to recommend City Commission approval of this proposal for trail grooming at Avalanche Park including allowing the winter storage of the equipment at the Garage at

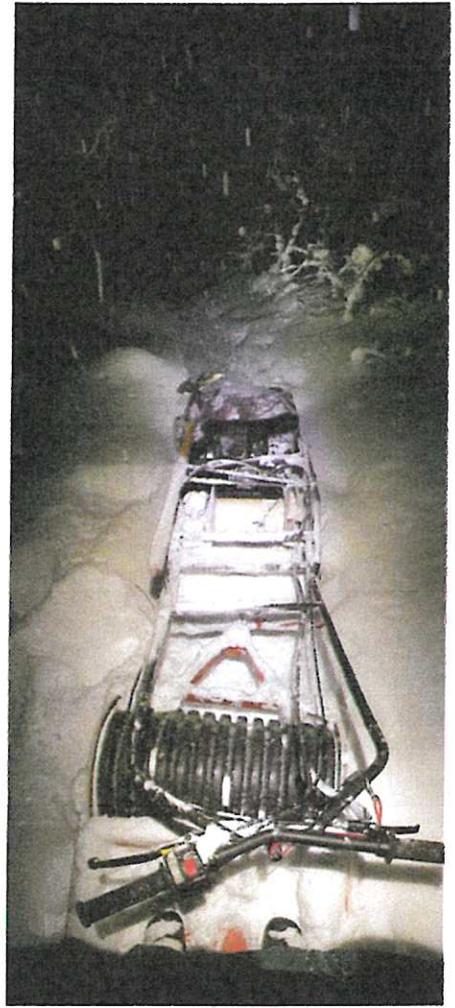
Avalanche Park and assisting with the cost of fuel for grooming operations. Funds are available in the Motor Pool Fuel line item for this.

**OPTIONS:**

1. That this matter be postponed for further information or consideration
2. That this matter be approved subject to some revision
3. Other options as determined by the City Commission



**Notes: Trail will be about 6 miles. West Sidewinder will be directional. Two track will be utilized for climbing. Hiking Trail (not on map) will also be groomed for foot traffic**



## Points of Consideration

- Trail will be groomed as needed
  - Usually +2" of snow accumulation, or to smooth the trail
- Year-round use of new trails built by Dirt Artisans
- 2 different trail systems
  1. Foot-traffic (traditional hiking trails)
    - a. Not pictured on map
  2. Snow shoes, fat bikes, xc skis
    - a. Outlined as purple on map
  - Signs will distinguish between intended traffic per trail
- West Sidewinder is the only directional groomed trail
  - Some grades are too steep to climb which would cause people to walk, thus damaging the trail
- Groomer stored in building by hockey rink?
- Mike will be main groomer (95%) with select volunteers to fill in when Mike is unable to groom
- There will be 12 miles of groomed singletrack between Avalanche and Boyne School Forest Trail
  - Largest groomed trail system within 150 miles



*CITY OF BOYNE CITY*

*MEMO*

**To:** Michael Cain, City Manager *MC*  
**From:** Michele Hewitt-Deputy Treasurer *MH*  
**Date:** October 5, 2017  
**Subject:** City Hall Fitness Room

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**OVERVIEW:**

The Fire Department and Police Department had money in separate funds to purchase four pieces of used commercial exercise equipment. This was a good start to what is needed but in order to have enough of a variety available to the employees we will need to purchase additional equipment.

Fitness room committee members has been looking over options for purchasing exercise equipment for our new area. Kevin Spate has researched the cost for new equipment which is estimated to be \$10,000. We have an opportunity to apply for the People Fund Grant that Great Lakes Energy has available. Deadline for this grant is October 15, 2017 and if awarded would give us approximately \$3,000 to put towards the purchase of future equipment.

The committee will pursue other grant opportunities as well as employee donations to help us reach our goal.

**RECOMMENDATION:**

It is my recommendation the Boyne City Commission grant the approval to city staff to apply for the grant through Great Lakes Energy for purchase of exercise equipment, and to allow city staff to carry out implementation of the grant if successful.

**City of Boyne City****MEMO**

Date: October 6, 2017

To: Mayor Neidhamer and the Boyne City City Commission

From: Michael Cain, City Manager *Mc*

Subject: Consumers Energy Streetlight Removal Proposal

Attached for the City Commission's review and consideration is a proposal from Consumers Energy (CE) to remove 18 streetlights at various locations around the City, as shown on the attached maps. The Commission may recall that this discussion has been ongoing for several years. We requested this proposal most recently as part of the process to convert CE's old Mercury Vapor streetlights to newer, more efficient Light Emitting Diode (LED) technology. We did not want to pay the extra cost to have streetlights upgraded that we no longer needed.

Many of these streetlights are now duplicated by the installation of the City's own streetlights. A perfect example of that is on the first attached drawing which calls for the removal of three of their existing wood pole based cobra head streetlights where we have installed our own decorative downtown style streetlights. Other locations are where residents have asked to have lights removed or where they are just no longer needed.

In total their proposal provides for the removal of 18 streetlights at a total cost of \$9,733. That works out to be \$540.72 per streetlight removed. This price is much less than estimates we have received for streetlight removal in the past. The drawing shows each of the streetlights as 150 watt High Pressure Sodium (HPS) units. The monthly bill for each of those type of lights is \$14.30 or \$171.60 for one year (12 months). Based on those current charges and assumptions it would take about 3.15 years for the City to begin saving more money than the cost of the removals. I am fairly confident that several of the 18 streetlights are not the HPS type specified in their plans and may be more expensive lights to operate, whose removal could end up saving us a bit more money per month and possibly shorten the payback period noted above.

Either way it makes long term sense and savings for the City to remove these lights and the sooner the better.

Funds for this work should be available in the budget.

**RECOMMENDATION:** That the City Commission accept the proposal from Consumers Energy for the removal of 18 unneeded streetlights throughout the City at a cost of \$9,733 and authorize City staff to complete the necessary paperwork.

**Options:**

- 1) Postpone the matter for further information or consideration.
- 2) Modify the request.
- 3) Deny the request.
- 4) Other options as determined by the City Commission.

**SCOPE OF WORK**

REMOVE STREET LIGHT AND RELATED EQUIPMENT

3

REMOVE

150 WATT HPS

EDM FIGURE 42-103-1

2

REMOVE

150 WATT HPS

EDM FIGURE 42-103-1

1

REMOVE

150 WATT HPS

EDM FIGURE 42-103-1

MISS DIG System, Inc.

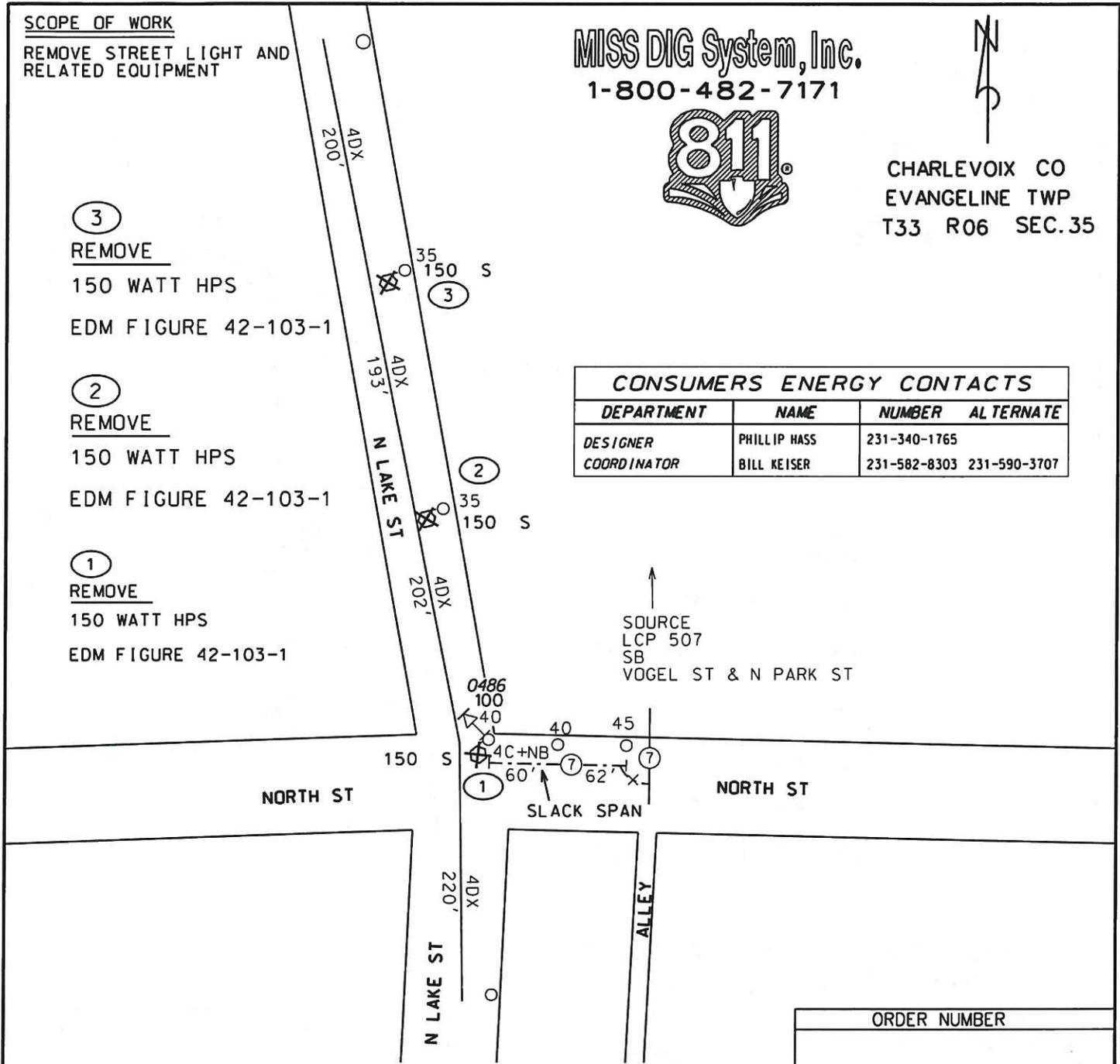
1-800-482-7171



CHARLEVOIX CO  
EVANGELINE TWP  
T33 R06 SEC.35

**CONSUMERS ENERGY CONTACTS**

DEPARTMENT	NAME	NUMBER	ALTERNATE
DESIGNER	PHILLIP HASS	231-340-1765	
COORDINATOR	BILL KEISER	231-582-8303	231-590-3707



ORDER NUMBER

<p>A CMS Energy Company <b>ELECTRIC</b></p>	DESIGNED BY PJHASS	DATE 10/31/16	BOYNE CITY - STREETLIGHTS	
	APPROVED BY	DATE	For: CITY OF BOYNE CITY VARIOUS LOCATIONS IN BOYNE CITY	
SHEET 01 OF 09		SCALE 1"=120'		
<p><b>-CONSTRUCTION CERTIFICATION-</b></p> <p>Work was constructed as Engineered or Changed as Indicated. All Salvageable Material Was Returned to Stores.</p> <p>Signed _____ in Direct Charge of Work</p> <p>Dates: Started _____ Completed _____</p> <p>MISS DIG NUMBER: _____ DATE: _____</p>	TLM NUMBER 33063532	# OF RODS	OHMS	CONSTRUCTION MEASURE NUMBER 100004086639
	SUBSTATION BOYNE CITY	WD NO. 0526	ORDER TYPE ERET	MAINTENANCE ACTIVITY TYPE OHL
	CIRCUIT VETERANS	CKT NO. 02	LCP NO.	DESIGN NUMBER 10752021
			STAKED <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	TREES <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO

**MISS DIG System, Inc.**  
1-800-482-7171



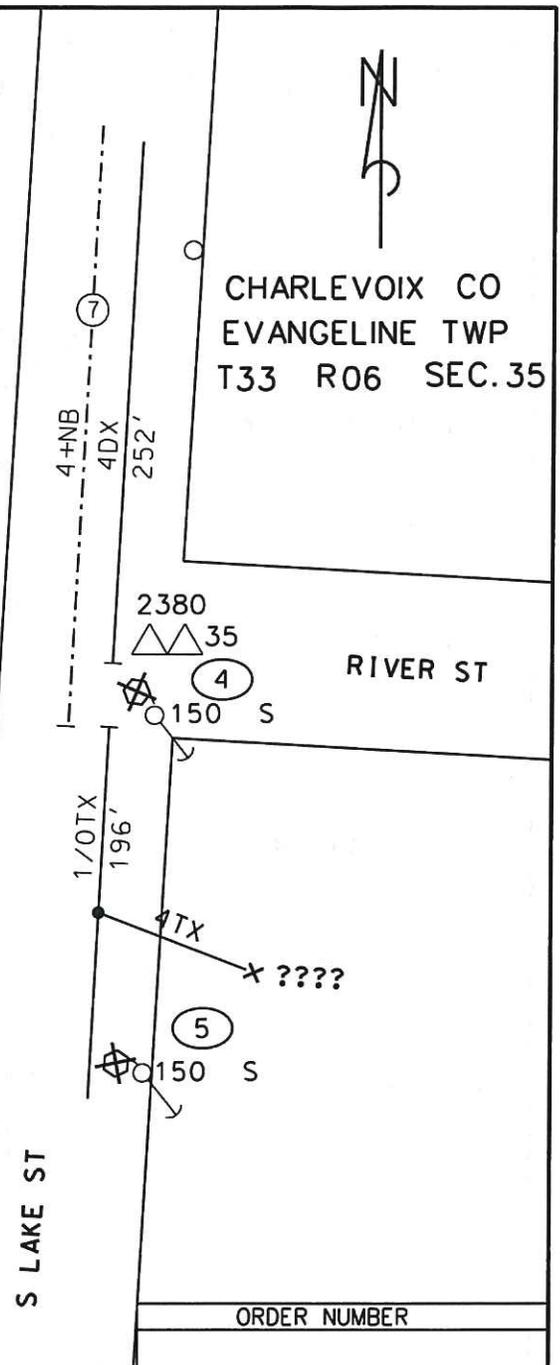
SCOPE OF WORK

REMOVE STREET LIGHT AND RELATED EQUIPMENT

SOURCE  
LCP 635  
65A FUSE  
N LAKE ST & STATE ST

④  
REMOVE  
150 WATT HPS  
EDM FIGURE 42-103-1

⑤  
REMOVE  
150 WATT HPS  
EDM FIGURE 42-103-1



CONSUMERS ENERGY CONTACTS			
DEPARTMENT	NAME	NUMBER	ALTERNATE
DESIGNER	PHILLIP HASS	231-340-1765	
COORDINATOR	BILL KEISER	231-582-8303	231-590-3707

 A CMS Energy Company ELECTRIC	DESIGNED BY PJHASS	DATE 10/31/16	BOYNE CITY - STREETLIGHTS
	APPROVED BY	DATE	
SHEET 02 OF 09		SCALE 1"=100'	For: CITY OF BOYNE CITY VARIOUS LOCATIONS IN BOYNE CITY

-CONSTRUCTION CERTIFICATION-				TLM NUMBER	# OF RODS	OHMS	CONSTRUCTION MEASURE NUMBER	
Work was constructed as Engineered or Changed as Indicated. All Salvageable Material Was Returned to Stores.				33063532			10004086639	
Signed _____ in Direct Charge of Work				SUBSTATION	WD NO.	ERET	OHL	DESIGN NUMBER
Dates: Started _____ Completed _____				BOYNE CITY	0526			10752021
MISS DIG NUMBER: _____ DATE: _____				CIRCUIT	CKT NO.	LCP NO.	STAKED	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
				VETERANS	02		TREES	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO

MISS DIG System, Inc.

1-800-482-7171



SCOPE OF WORK

REMOVE STREET LIGHT AND RELATED EQUIPMENT



CHARLEVOIX CO  
EVANGELINE TWP  
T33 R06 SEC.35

N EAST ST

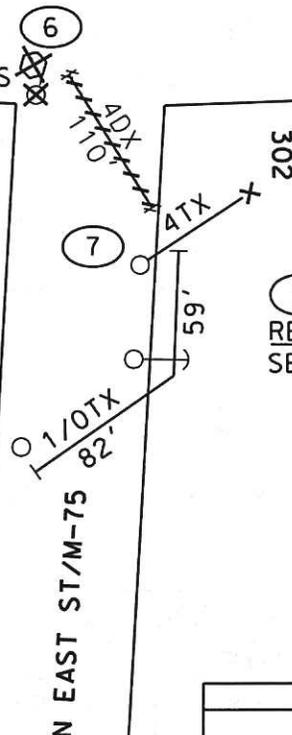
STATE ST

STATE ST/M-75

150 S

⑥  
REMOVE  
35' -6  
SECONDARY DE  
110' OF SECONDARY 4DX  
150 WATT HPS

EDM FIGURE 42-103-1



302

⑦  
REMOVE  
SECONDARY DE

**CONSUMERS ENERGY CONTACTS**

DEPARTMENT	NAME	NUMBER	ALTERNATE
DESIGNER	PHILLIP HASS	231-340-1765	
COORDINATOR	BILL KEISER	231-582-8303	231-590-3707

ORDER NUMBER



A CMS Energy Company **ELECTRIC**

DESIGNED BY  
PJHASS  
DATE  
11/01/16  
APPROVED BY  
DATE

BOYNE CITY - STREETLIGHTS

For: CITY OF BOYNE CITY  
VARIOUS LOCATIONS IN BOYNE CITY

SHEET 03 OF 09 SCALE  
1"=100'

-CONSTRUCTION CERTIFICATION-

Work was constructed as Engineered or Changed as Indicated.  
All Salvageable Material Was Returned to Stores.

Signed \_\_\_\_\_ in Direct Charge of Work

Dates: Started \_\_\_\_\_ Completed \_\_\_\_\_

MISS DIG NUMBER: \_\_\_\_\_ DATE: \_\_\_\_\_

TLM NUMBER

33063532

# OF  
RODS

OHMS

CONSTRUCTION MEASURE NUMBER

100004086639

SUBSTATION

BOYNE CITY

CIRCUIT

VETERANS

WD NO.

0526

CKT NO. LCP NO.

02

ORDER TYPE MAINTENANCE ACTIVITY TYPE DESIGN NUMBER

ERET OHL 10752021

STAKED  YES  NO

TREES  YES  NO

MISS DIG System, Inc.  
1-800-482-7171

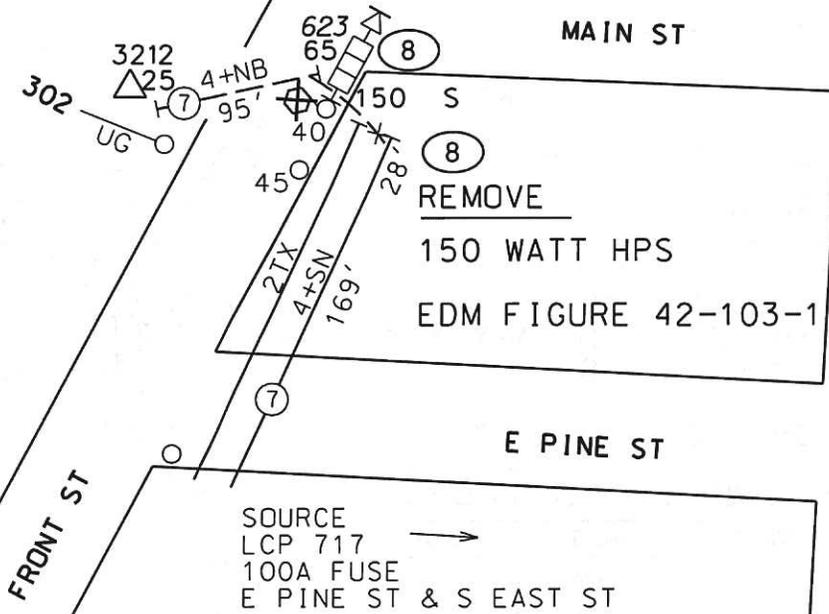


SCOPE OF WORK

REMOVE STREET LIGHT AND RELATED EQUIPMENT



CHARLEVOIX CO  
EVANGELINE TWP  
T33 R06 SEC.35



**CONSUMERS ENERGY CONTACTS**

DEPARTMENT	NAME	NUMBER	ALTERNATE
DESIGNER	PHILLIP HASS	231-340-1765	
COORDINATOR	BILL KEISER	231-582-8303	231-590-3707

ORDER NUMBER



A CMS Energy Company **ELECTRIC**

DESIGNED BY PJHASS DATE 11/02/16  
APPROVED BY DATE

BOYNE CITY - STREETLIGHTS

For: CITY OF BOYNE CITY  
VARIOUS LOCATIONS IN BOYNE CITY

SHEET 04 OF 09 SCALE 1"=100'

**-CONSTRUCTION CERTIFICATION-**

Work was constructed as Engineered or Changed as Indicated.  
All Salvageable Material Was Returned to Stores.

Signed \_\_\_\_\_ in Direct Charge of Work

Dates: Started \_\_\_\_\_ Completed \_\_\_\_\_

MISS DIG NUMBER: \_\_\_\_\_ DATE: \_\_\_\_\_

TLM NUMBER	# OF RODS	OHMS	CONSTRUCTION MEASURE NUMBER		
33063532			10004086639		
SUBSTATION	WD NO.		ORDER TYPE	MAINTENANCE ACTIVITY TYPE	DESIGN NUMBER
BOYNE CITY	0526		ERET	OHL	10752021
CIRCUIT	CKT NO.	LCP NO.	STAKED	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	
BOYNE CITY	01		TREES	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	

4

MISS DIG System, Inc.  
1-800-482-7171



SCOPE OF WORK  
REMOVE STREET LIGHT AND  
RELATED EQUIPMENT

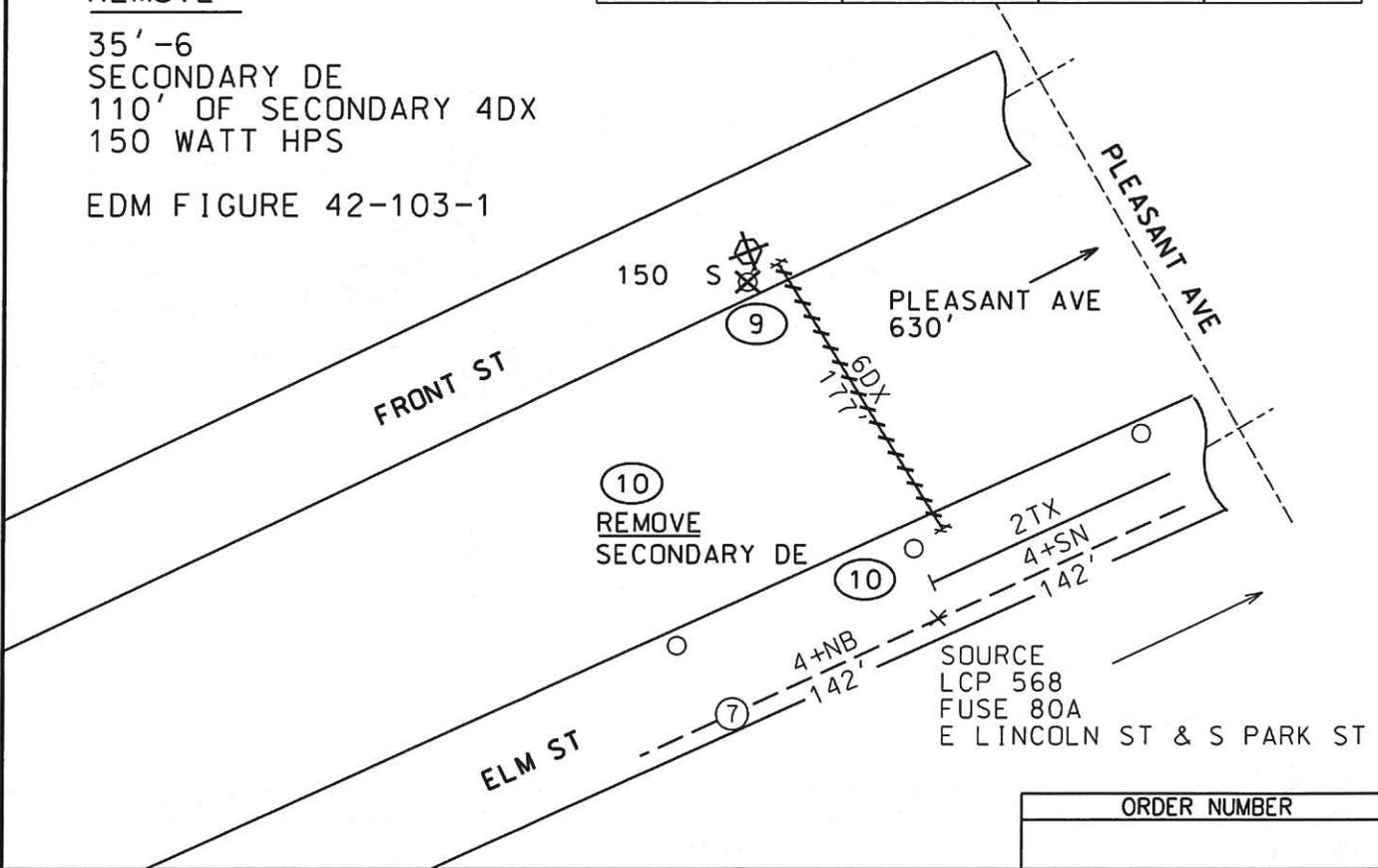


CHARLEVOIX CO  
EVANGELINE TWP  
T33 R06 SEC.35

CONSUMERS ENERGY CONTACTS			
DEPARTMENT	NAME	NUMBER	ALTERNATE
DESIGNER	PHILLIP HASS	231-340-1765	
COORDINATOR	BILL KEISER	231-582-8303	231-590-3707

9  
REMOVE

35' -6  
SECONDARY DE  
110' OF SECONDARY 4DX  
150 WATT HPS  
  
EDM FIGURE 42-103-1



ORDER NUMBER
--------------

 A CMS Energy Company ELECTRIC	DESIGNED BY PJHASS	DATE 11/02/16	BOYNE CITY - STREETLIGHTS	
	APPROVED BY	DATE	For: CITY OF BOYNE CITY VARIOUS LOCATIONS IN BOYNE CITY	
SHEET 05 OF 09		SCALE 1"=100'		
-CONSTRUCTION CERTIFICATION- Work was constructed as Engineered or Changed as Indicated. All Salvageable Material Was Returned to Stores. Signed _____ in Direct Charge of Work Dates: Started _____ Completed _____ MISS DIG NUMBER: _____ DATE: _____	TLM NUMBER 33063444	# OF RODS	OHMS	CONSTRUCTION MEASURE NUMBER 100004086639
	SUBSTATION BOYNE CITY	WD NO. 0526		ORDER TYPE ERET
	CIRCUIT BOYNE CITY	CKT NO. 01	LCP NO.	MAINTENANCE ACTIVITY TYPE OHL
				DESIGN NUMBER 10752021
			STAKED <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	
			TREES <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	

MISS DIG System, Inc.

1-800-482-7171



SCOPE OF WORK

REMOVE STREET LIGHT AND RELATED EQUIPMENT



CHARLEVOIX CO  
EVANGELINE TWP  
T33 R06 SEC.35

(11)

REMOVE

150 WATT HPS

EDM FIGURE 42-103-1

45

7

4+NB  
232'

SOURCE  
LCP 717 →  
100A FUSE

E PINE ST

150  
35

6DX  
70'

4+SN  
1/OTX  
138'

(11)

45  
40  
40  
UG  
401

S PARK ST

**CONSUMERS ENERGY CONTACTS**

DEPARTMENT	NAME	NUMBER	ALTERNATE
DESIGNER	PHILLIP HASS	231-340-1765	
COORDINATOR	BILL KEISER	231-582-8303	231-590-3707

ORDER NUMBER



A CMS Energy Company **ELECTRIC**

DESIGNED BY PJHASS DATE 11/02/16  
APPROVED BY DATE

BOYNE CITY - STREETLIGHTS

For: CITY OF BOYNE CITY  
VARIOUS LOCATIONS IN BOYNE CITY

SHEET 06 OF 09 SCALE 1"=100'

**-CONSTRUCTION CERTIFICATION-**

Work was constructed as Engineered or Changed as Indicated.  
All Salvageable Material Was Returned to Stores.

Signed \_\_\_\_\_ in Direct Charge of Work

Dates: Started \_\_\_\_\_ Completed \_\_\_\_\_

MISS DIG NUMBER: \_\_\_\_\_ DATE: \_\_\_\_\_

TLM NUMBER	# OF RODS	OHMS	CONSTRUCTION MEASURE NUMBER	
33063444			100004086639	
SUBSTATION	WD NO.	ERET	OHL	DESIGN NUMBER
BOYNE CITY	0526			10752021
CIRCUIT	CKT NO.	LCP NO.	STAKED	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
BOYNE CITY	01		TREES	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO

ELECTRIC CAD TITLE BLOCK (8-1/2x11) 10-30-2008  
SHEET A

7/12/2017 9:41:14 AM C:\of\backup\wrad\ustn\dgn\10752021.001

6

DESIGN FILE NAME: 10752021.001

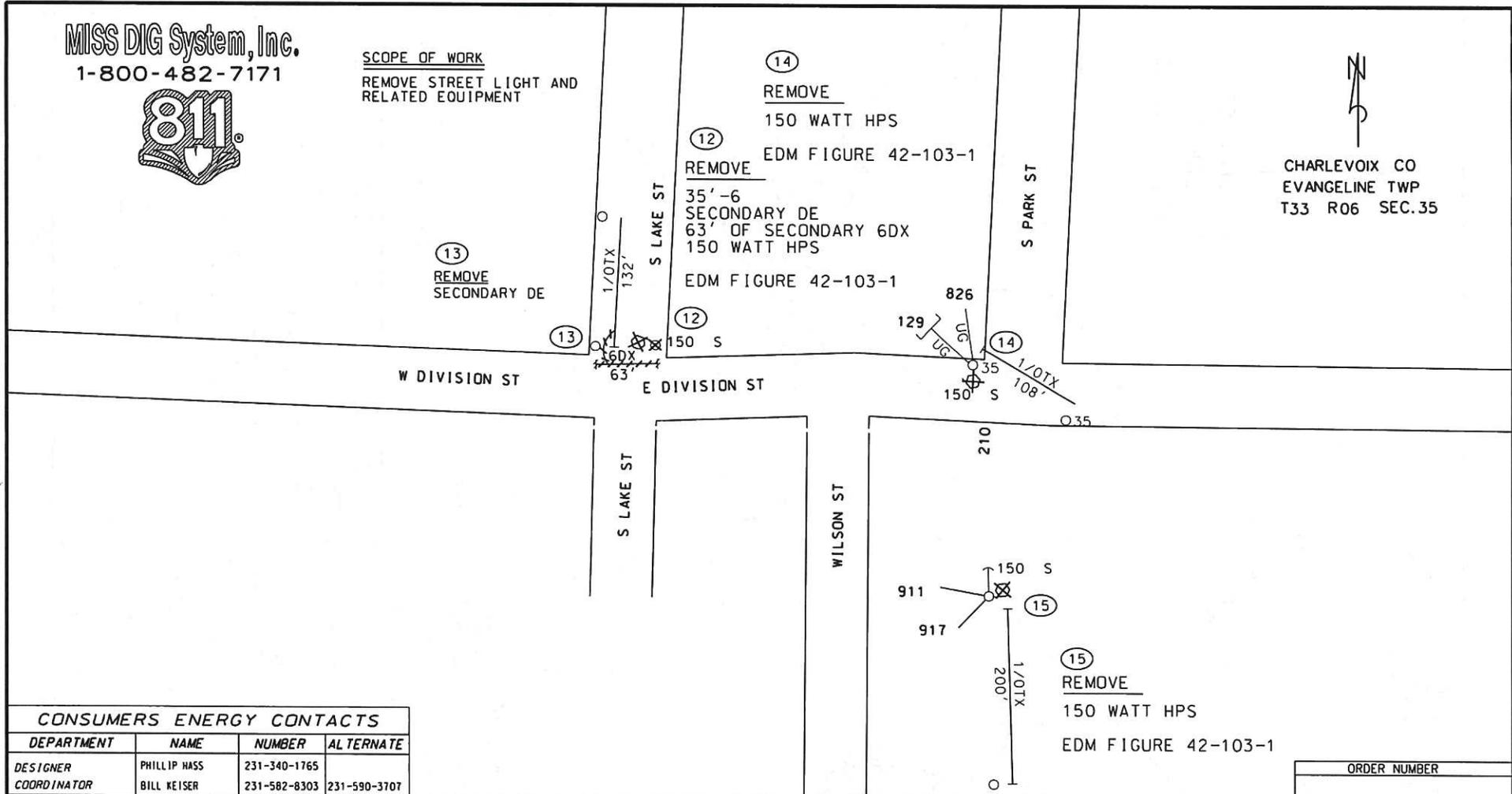
T R S 33 06 34

MISS DIG System, Inc.  
1-800-482-7171



SCOPE OF WORK  
REMOVE STREET LIGHT AND  
RELATED EQUIPMENT

CHARLEVOIX CO  
EVANGELINE TWP  
T33 R06 SEC.35



**CONSUMERS ENERGY CONTACTS**

DEPARTMENT	NAME	NUMBER	ALTERNATE
DESIGNER	PHILLIP HASS	231-340-1765	
COORDINATOR	BILL KEISER	231-582-8303	231-590-3707

ORDER NUMBER

**-CONSTRUCTION CERTIFICATION-**

Work was constructed as Engineered or Changed as Indicated.  
All Salvageable Material Was Returned to Stores.

Signed \_\_\_\_\_ in Direct Charge of Work

Dates: Started \_\_\_\_\_ Completed \_\_\_\_\_

MISS DIG NUMBER: \_\_\_\_\_ DATE: \_\_\_\_\_

STAKED  YES  NO

TREES  YES  NO

TLM NUMBER	# OF RODS	OHMS
33063444		

<b>Consumers Energy</b>	
A CMS Energy Company <b>ELECTRIC</b>	
DESIGNED BY PJHASS	DATE 11/02/16
APPROVED BY	DATE
SHEET 07 OF 09	SCALE 1"=100'

BOYNE CITY - STREETLIGHTS		
For: CITY OF BOYNE CITY VARIOUS LOCATIONS IN BOYNE CITY		CM NO. 100004086639
ORDER TYPE	MAINTENANCE ACTIVITY TYPE	DESIGN NUMBER
BOYNE CITY	OHL	10752021
WD NO. 0526	CKT NO. 01	LCP NO.

ELECTRIC CAD TITLE BLOCK (11x17) 10-30-2008

SHEET B

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DESIGN FILE NAME: 10752021.001

T R S 33 06 34

SCOPE OF WORK

REMOVE STREET LIGHT AND RELATED EQUIPMENT



CHARLEVOIX CO  
EVANGELINE TWP  
T33 R06 SEC.35

MISS DIG System, Inc.  
1-800-482-7171

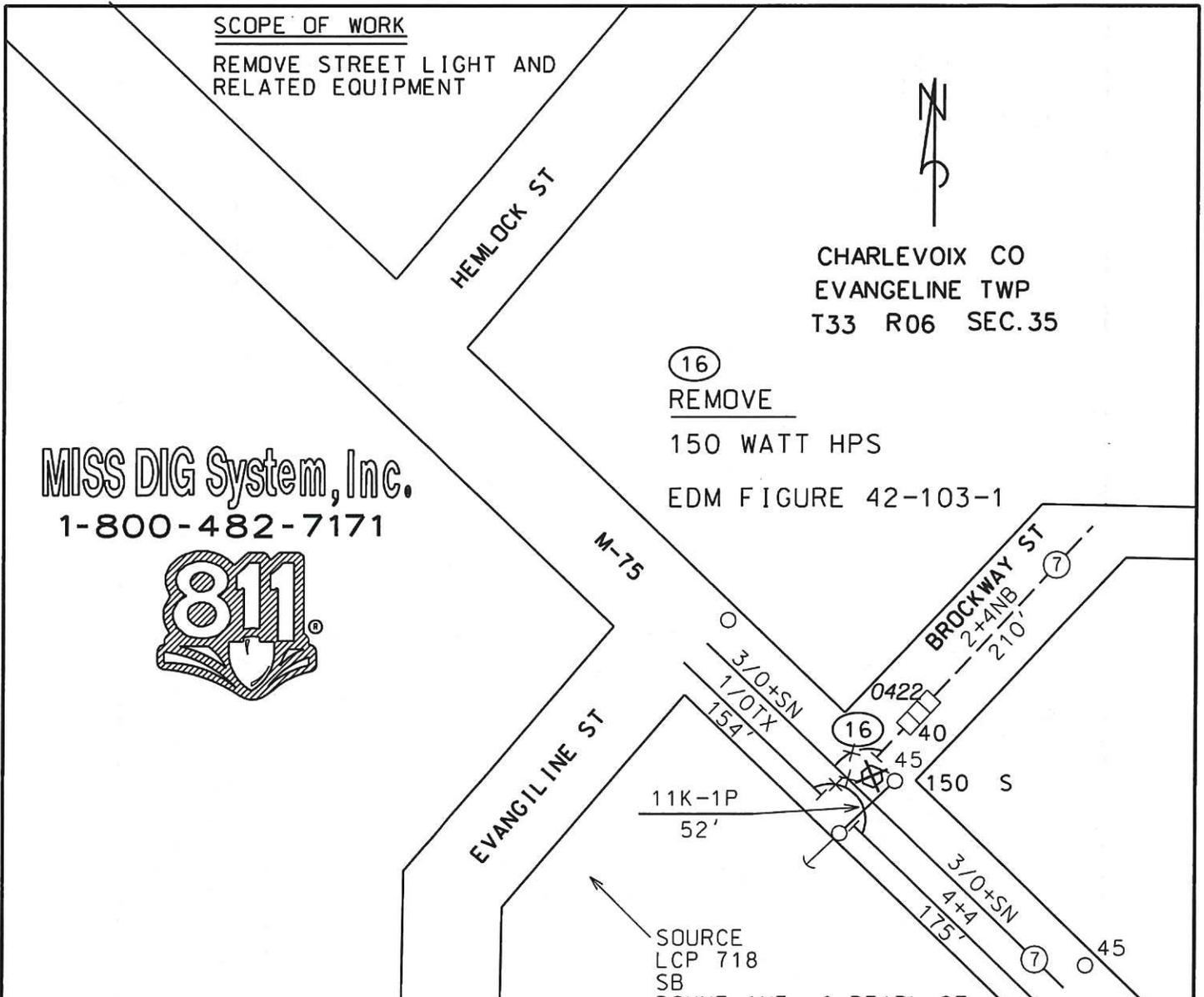


①6

REMOVE

150 WATT HPS

EDM FIGURE 42-103-1



**CONSUMERS ENERGY CONTACTS**

DEPARTMENT	NAME	NUMBER	ALTERNATE
DESIGNER	PHILLIP HASS	231-340-1765	
COORDINATOR	BILL KEISER	231-582-8303	231-590-3707

ORDER NUMBER
--------------



DESIGNED BY PJHASS	DATE 11/02/16
APPROVED BY	DATE

BOYNE CITY - STREETLIGHTS  
For: CITY OF BOYNE CITY  
VARIOUS LOCATIONS IN BOYNE CITY

**-CONSTRUCTION CERTIFICATION-**  
Work was constructed as Engineered or Changed as Indicated.  
All Salvageable Material Was Returned to Stores.  
Signed \_\_\_\_\_ in Direct Charge of Work  
Dates: Started \_\_\_\_\_ Completed \_\_\_\_\_  
MISS DIG NUMBER: \_\_\_\_\_ DATE: \_\_\_\_\_

TLM NUMBER 33063444	# OF RODS	OHMS	CONSTRUCTION MEASURE NUMBER 10004086639
SUBSTATION BOYNE CITY	WD NO. 0526		ORDER TYPE ERET
CIRCUIT BOYNE CITY	CKT NO. 01	LCP NO.	MAINTENANCE ACTIVITY TYPE OHL
			DESIGN NUMBER 10752021
			STAKED <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
			TREES <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO

8

SCOPE OF WORK

REMOVE STREET LIGHT AND RELATED EQUIPMENT

MISS DIG System, Inc.

1-800-482-7171



CHARLEVOIX CO  
EVANGELINE TWP  
T33 R06 SEC.35

(17)

REMOVE

35' -6  
SECONDARY DE  
30' OF SECONDARY 4DX  
150 WATT HPS

EDM FIGURE 42-103-1

BEARDSLEY

M-75

(17)

150 S

(18)

REMOVE  
SECONDARY DE

(18)



SOURCE →  
LCP 432  
RECLOSER 280A  
ON M-75 EAST OF  
AIR INDUSTRIAL PARK

**CONSUMERS ENERGY CONTACTS**

DEPARTMENT	NAME	NUMBER	ALTERNATE
DESIGNER	PHILLIP HASS	231-340-1765	
COORDINATOR	BILL KEISER	231-582-8303	231-590-3707

ORDER NUMBER

**Consumers Energy**

A CMS Energy Company **ELECTRIC**

DESIGNED BY PJHASS DATE 11/02/16  
APPROVED BY DATE

BOYNE CITY - STREETLIGHTS

For: CITY OF BOYNE CITY  
VARIOUS LOCATIONS IN BOYNE CITY

SHEET 09 OF 09 SCALE 1"=100'

**-CONSTRUCTION CERTIFICATION-**

Work was constructed as Engineered or Changed as Indicated.  
All Salvageable Material Was Returned to Stores.

Signed \_\_\_\_\_ in Direct Charge of Work

Dates: Started \_\_\_\_\_ Completed \_\_\_\_\_

MISS DIG NUMBER: \_\_\_\_\_ DATE: \_\_\_\_\_

TLM NUMBER

33063444

# OF RODS

OHMS

CONSTRUCTION MEASURE NUMBER

100004086639

ORDER TYPE	MAINTENANCE ACTIVITY TYPE	DESIGN NUMBER
------------	---------------------------	---------------

ERET	OHL	10752021
------	-----	----------

SUBSTATION

WD NO.

DIETZ ROAD

0473

CIRCUIT

CKT NO. LCP NO.

LK CHARLEVOIX

01

STAKED  YES  NO

TREES  YES  NO

9



Count on Us

A CMS Energy Company

**CEM Support Center**

Consumers Energy, Lansing Service Center, Rm. 122, 530 W. Willow St., P.O. Box 30162 Lansing, MI 48909-7662

**PLEASE RETURN THE CHECKED DOCUMENTS BELOW TO  
CONSUMERS ENERGY IN THE ENVELOPE PROVIDED**

**TO EXPEDITE SERVICE, RETURN VIA EMAIL TO:**

**POBoxCEServiceRequest@cmsenergy.com**

<input type="checkbox"/>	<b>SIGNED ELECTRIC CONTRACT (Please return all pages of contracts)</b> (Form 93, Form 94 and Form 95 - 2 Page Document Each) (Form 861, Form 862 and Form 230 - 4 Page Document Each)
<input checked="" type="checkbox"/>	<b>PAYMENT WITH INVOICE STUB</b> (TOP STUB IS REQUIRED FOR PROCESSING)
<input type="checkbox"/>	<b>REQUEST FOR ELEVATED CUSTOMER DELIVERY PRESSURE</b>
<input type="checkbox"/>	<b>STANDARD LIGHTING CONTRACT</b> (MUST BE CERTIFIED BY CLERK)
<input type="checkbox"/>	<b>SIGNED CUSTOMER ATTACHMENT PROGRAM (CAP) CONTRACT</b> (PLEASE ENSURE TO CHECK PAYMENT OPTION ON CONTRACT)
<input type="checkbox"/>	<b>GO READY FORM (FORM 1250)</b> TO EXPEDITE SERVICE, RETURN VIA EMAIL TO: <u>POBoxCEServiceRequest@cmsenergy.com</u>
<input type="checkbox"/>	<b>SITE READY PHOTO(S)</b> TO EXPEDITE SERVICE, RETURN VIA EMAIL TO: <u>POBoxCEServiceRequest@cmsenergy.com</u>
<input type="checkbox"/>	<b>OTHER:</b>

**NOTIFICATION REFERENCE NUMBERS**

ELECTRIC SERVICE NOTIFICATION:	
GAS SERVICE NOTIFICATION:	
ELECTRIC OH DISTRIBUTION NOTIFICATION:	
ELECTRIC UG DISTRIBUTION NOTIFICATION:	
GAS MAIN NOTIFICATION:	
STREETLIGHT NOTIFICATION:	1035460214



Account Number 300011564949  
 Account Name CITY OF BOYNE CITY  
 Address 319 N LAKE ST  
 BOYNE CITY, MI 49712

Invoice Number 9310947694  
 PO Number  
 PO Date  
 Bill Date 09/14/17  
 DUE DATE 10/14/17

CITY OF BOYNE CITY  
 319 N LAKE ST  
 BOYNE CITY MI 49712-2109

**Comments:** VARIOUS LOCATIONS IN BOYNE CITY - BOYNE CITY - ELECTRIC UTILITY INSTALLATION - NOTIFICATION  
 NUMBER (s): - - - - - 1035460214 -  
 Contact our secure credit/debit card payment center at 866-329-9593 to make a payment or visit us at  
 ConsumersEnergy.com/waystopay to view other convenient payment options.

Item	Description	Quantity	Unit Price	Amount
40011590	Elec Misc Sale of Assets - Remove STLTS	1.0 EA	\$9,733.00	\$9,733.00
<b>Payment Terms:</b>		<b>Due by:</b> 10/14/17	<b>TOTAL DUE:</b>	\$9,733.00
PLEASE ENCLOSE THE BOTTOM PORTION OF THIS INVOICE WITH YOUR PAYMENT. THE ACCOUNT NUMBER IS NECESSARY TO ENSURE YOUR PAYMENT IS PROPERLY CREDITED. THANK YOU				

Contact Information: Parker L Thompson --  
 Consumers Energy is regulated by the Michigan Public Service Commission, Lansing, Michigan.

Please detach this stub and return it with your payment



CONSUMERS ENERGY  
 CEM Support Ctr - Lansing RM 122  
 PO Box 30162  
 Lansing, MI 48909-7662

PREPAYMENT REQUEST  
 CITY OF BOYNE CITY  
 319 N LAKE ST  
 BOYNE CITY MI 49712-2109

<b>Due Date</b>	<b>Total Due</b>
10/14/17	\$9,733.00
<b>Amount Enclosed</b>	\$

6 330020683552 000009733007 0000 2056 3 300011564949 H

11



# City of Boyne City

# MEMO

Date: October 6, 2017

To: Mayor Neidhamer and the Boyne City City Commission

From: Michael Cain, City Manager *Mc*

Subject: Boyne Mountain Sanitary Sewer Force main Expansion

Since the 1990's Boyne City has provided wastewater treatment services at our plant for Boyne Mountain. Their sanitary sewage is transported to the City through a force main along M-75 South to the Moll Drive entrance of Boyne Business Park and then across the park and airport to the Wastewater Treatment Plant. Boyne Mountain paid for the construction of that force main which is now owned and maintained by the City.

Several years ago Boyne Mountain determined that to support future planned growth on their property the force Main would need to be expanded. Previous work has been done and this would now complete the installation of a new 10" force main between Moll Drive and Topolinski Road. The existing 6" force main would remain in place to provide additional capacity and serve as a backup.

In about 2013 the City of Boyne City, working in conjunction with the Northern Lakes Economic Alliance and Boyne Valley Township, secured a grant from the Michigan Economic Development Corporation (MEDC) to help Boyne Mountain pay for this project. There are basically no expenses for this project being ultimately paid for by the City. Boyne Mountain is covering all the local expenses.

Bids for the project are due to be publically opened at the Boyne City Hall on Tuesday, October 10<sup>th</sup> at 2:00 p.m. The engineer for this project, Jim Tiffany of J. F. Tiffany and Sons will be on hand to help open the bids and prepare a recommendation on which firm should be hired. They have requested to have the City Commission award this project (it is technically our project) at our City Commission meeting to be held at 7:00 p.m. that evening. They are looking to award and construct this project yet this fall so time is of the essence.

We have worked with Mr. Tiffany on other Boyne Mountain Sanitary Sewer projects in the past and found that he does fine work. The plans have been reviewed and approved by both our Water/Wastewater Superintendent Mark Fowler and our consulting engineer Larry Fox from C2AE. Plans of the project will be on the City's website included with the agenda packet. A hard copy will be available at City Hall for review.

We will provide information regarding the bids received and a recommendation as soon as possible after the bid opening and hopefully prior to the start of the City Commission meeting.

**RECOMMENDATION:** That the City Commission consider the additional information to be received and consider accepting the recommendation regards the hiring of a contractor

#### Options:

- 1) Postpone the matter for further information or consideration.
- 2) Modify the request.
- 3) Deny the request.
- 4) Other options as determined by the City Commission.

# PLAN OF PROPOSED BOYNE M-75 FORCEMAIN PROJECT

LOCATION: BOYNE VALLEY TOWNSHIP, BOYNE FALLS, MICHIGAN

**UTILITY COMPANY CONTACT INFORMATION:**

CONSUMERS (CMS) ENERGY (ELECTRIC)-  
DALE JACOB  
231-582-8308, 231-582-8304  
989-370-6570 (CELL)  
800-477-5050 (EMERGENCY)  
DALE.JACOB@CMSENERGY.COM

GREAT LAKES ENERGY (ELECTRIC)-  
DAN WHITLEY  
1323 BOYNE AVE.  
BOYNE CITY, MI 49712  
231-487-1369  
DWHITLEY@GLENERGY.COM

DTE ENERGY (GAS)-  
MATT LOGAN  
1250 MICHCON LANE, SW  
KALKASKA, MI 49646  
231-258-3785  
231-492-7479 (CELL)  
800-363-9541 (PIPELINE EMERGENCY)  
LOGANM@DTEENERGY.COM

CITY OF BOYNE CITY (SEWER)  
MARK FOWLER  
319 N. LAKE STREET  
BOYNE CITY, MI 49712  
(231) 582-6656  
MFOWLER@BOYNECITY.COM

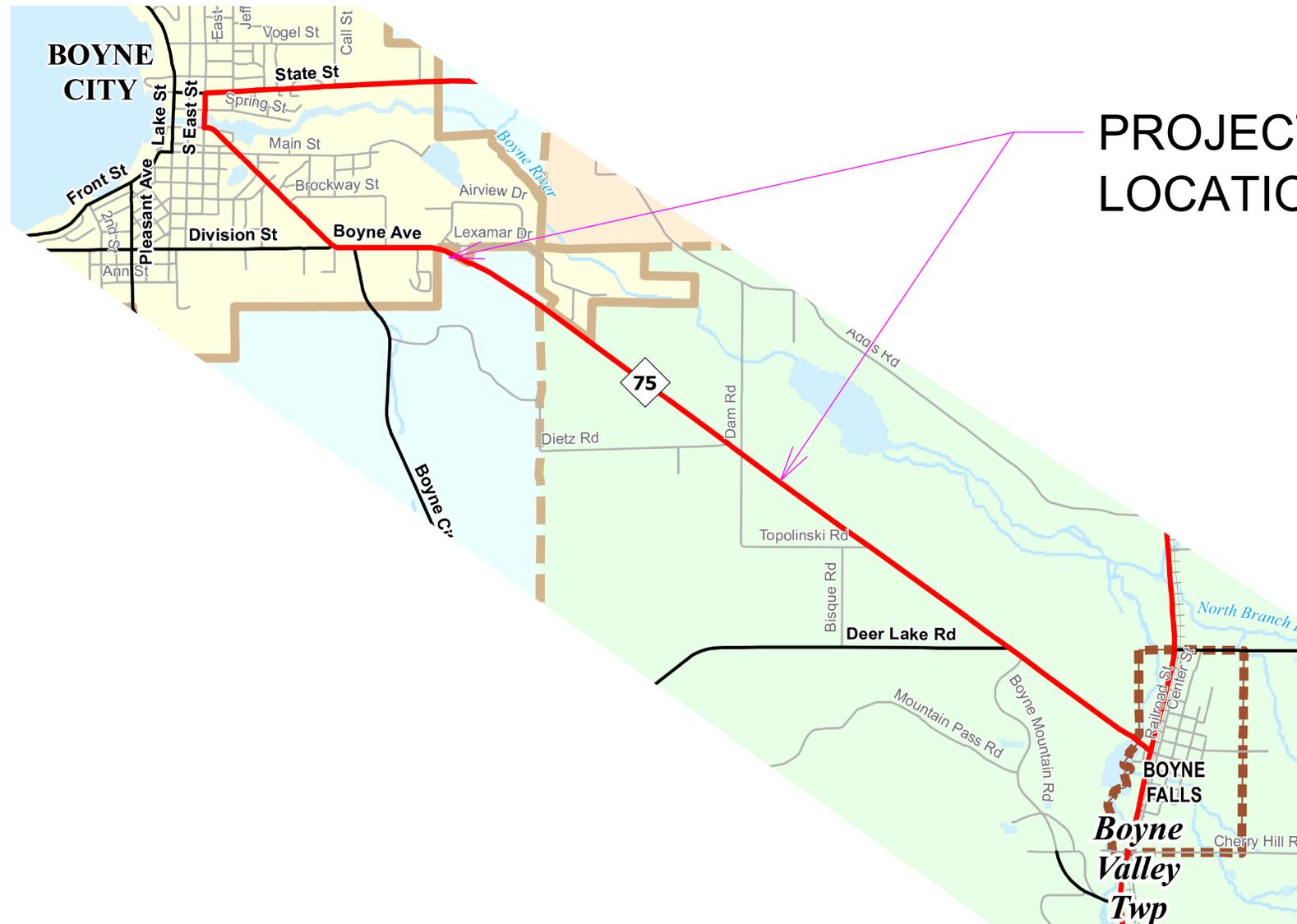
BOYNE MOUNTAIN RESORT (LIFT STATION)-  
JIM GIBBONS  
1 BOYNE MOUNTAIN DRIVE  
BOYNE FALLS, MI 49713  
231-549-6887  
231-675-0843 (CELL)  
231-549-6000 (EMERGENCY)  
JGIBBONS@BOYNEMOUNTAIN.COM

AT&T (TELEPHONE)-  
KATHY DOHM-BEISER  
TRAVERSE CITY, MI  
231-941-2707  
989-510-6494 (CELL)  
KD1484@ATT.COM

CENTURYLINK (TELEPHONE)-  
BILL MARCHAND  
MAPLE CITY, MI  
231-228-5200  
989-751-0168 (CELL)  
WILLIAM.K.MARCHAND@CENTURYLINK.COM

CHARTER COMMUNICATIONS (CABLE)-  
STEVE THINEL  
PETOSKEY, MI  
231-347-0189 X 28117  
231-631-5725 (CELL)  
STEVE.THINEL@CHARTER.COM

PENINSULA FIBER NETWORK (PNF), (FIBER OPTIC)  
RON DENEVE  
MARQUETTE, MI  
906-440-5356  
906-248-3211  
888-564-8881 TROUBLE REPORTING  
RDENEVE@JAMADOTS.NET



**PROJECT  
LOCATION**



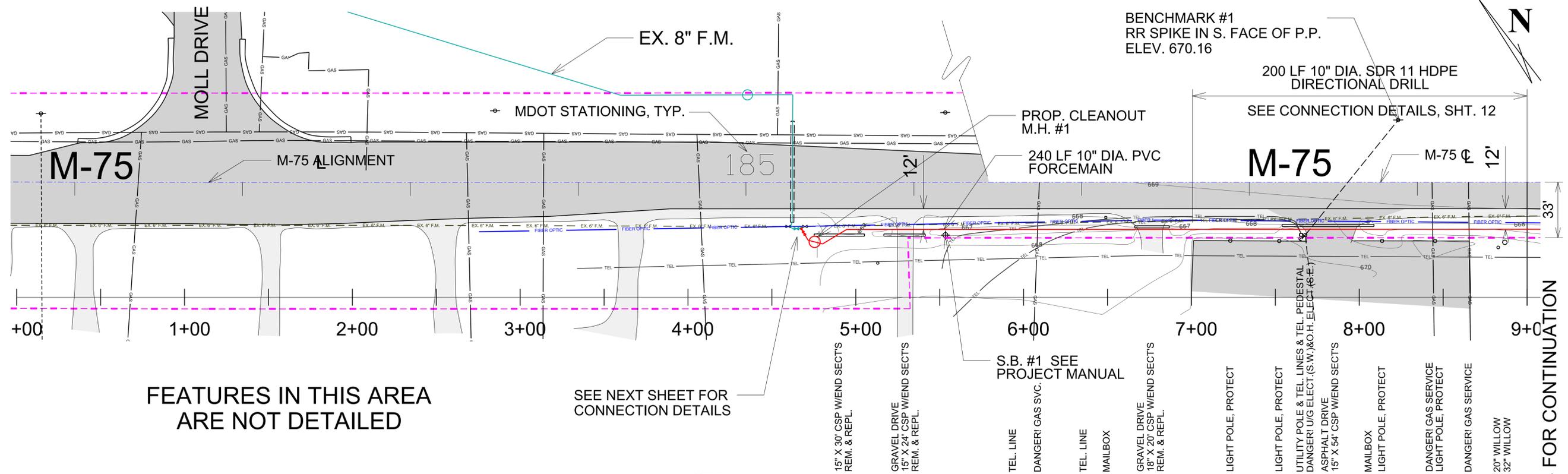
NO.	REVISION	BY	DATE
0	RELEASED FOR BIDS	JET	9/25/2017

*J. E. TIFFANY AND SONS, LLC*

ENGINEER	J.E. TIFFANY
SURVEYOR	
DRAFTSMAN	JET 8/21/17
SCALE	

## BOYNE M-75 FORCEMAIN COVER SHEET

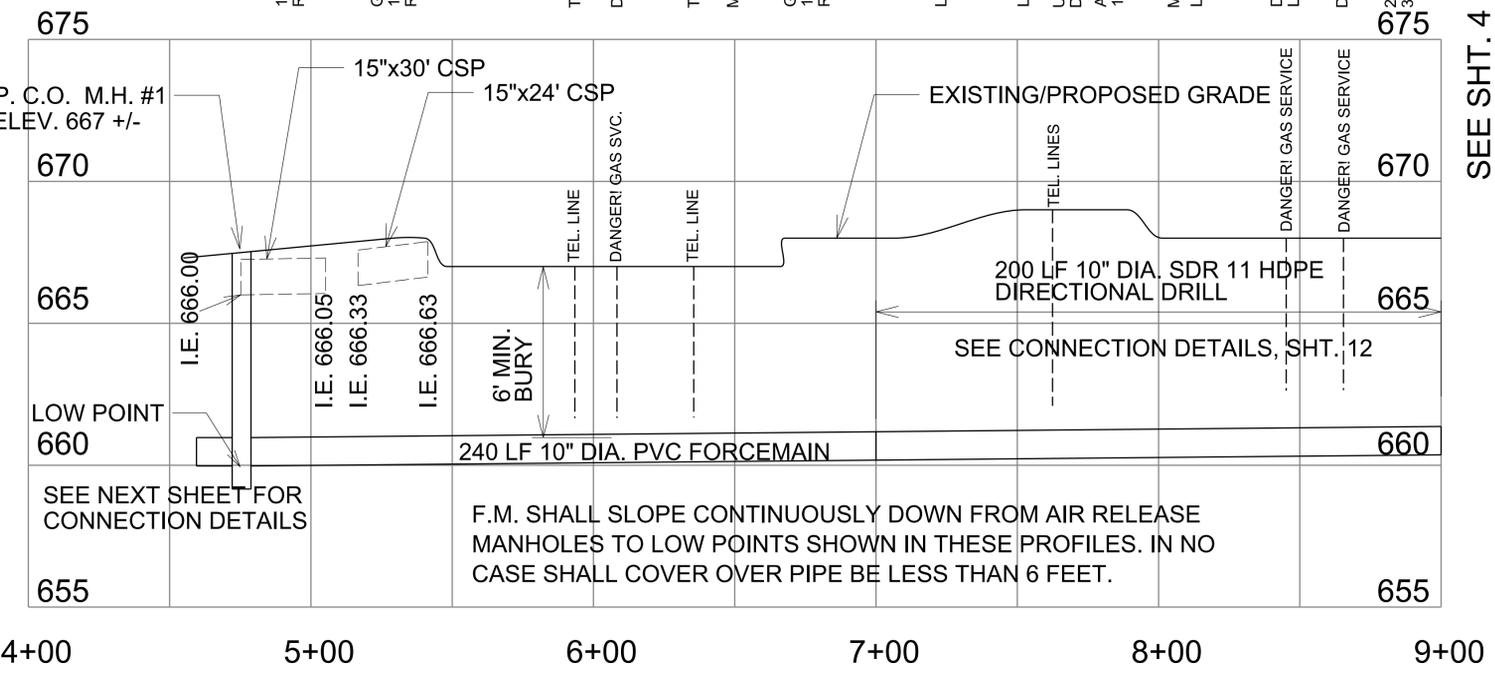
PROJECT NUMBER 1028.17.014	SHEET 1 OF 13
-------------------------------	------------------



FEATURES IN THIS AREA ARE NOT DETAILED

SEE NEXT SHEET FOR CONNECTION DETAILS

SEE SHT. 4 FOR CONTINUATION



NOTES:

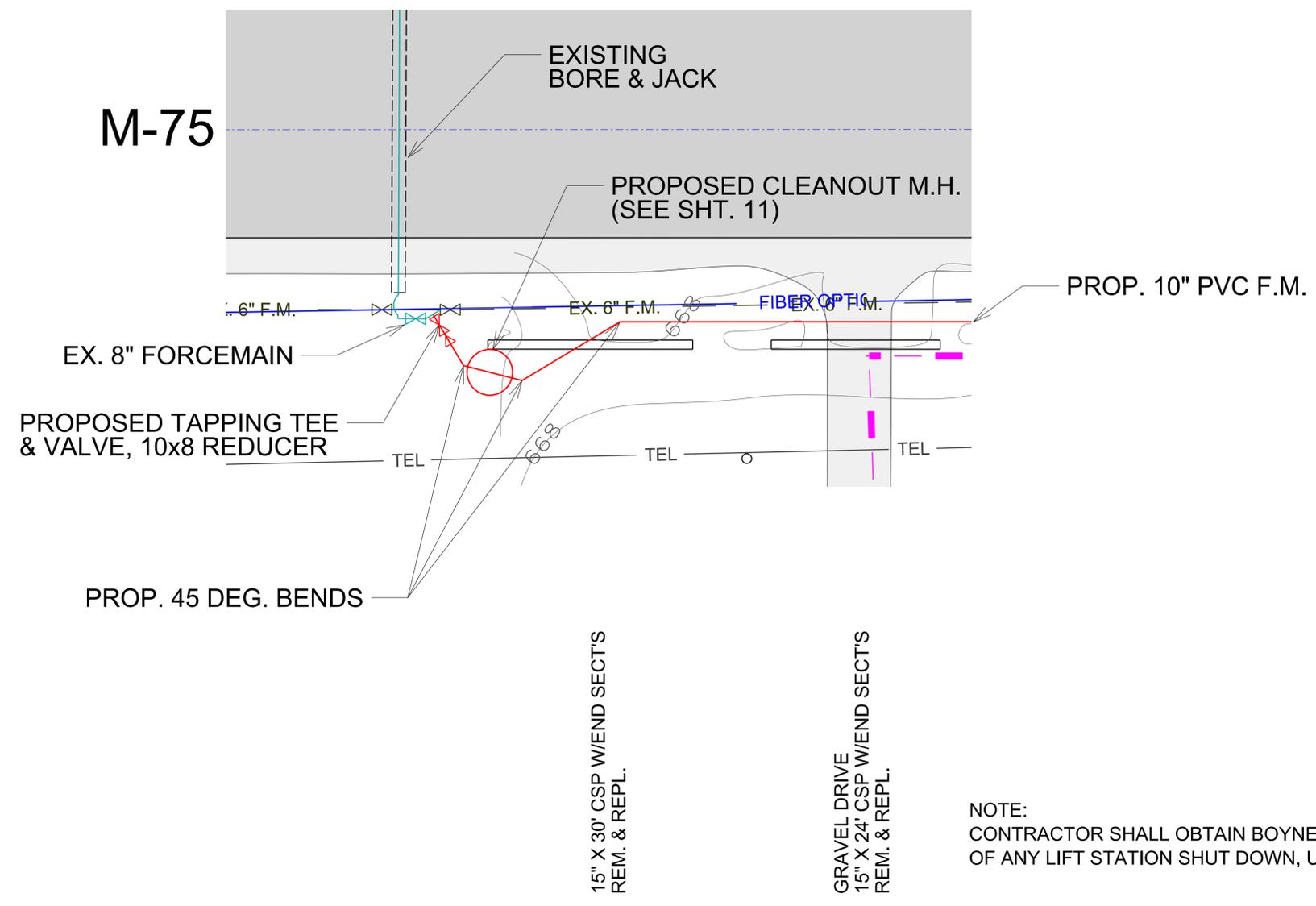
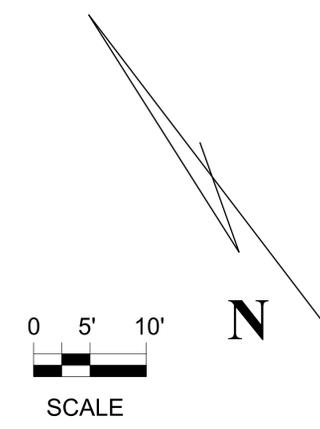
- 1) EXACT LOCATION OF EXISTING FORCEMAIN IS NOT KOWN. CONTRACTOR SHALL VERIFY EXISTING FORCEMAIN LOCATION AHEAD OF TRENCHING OPERATIONS.
- 2) A TRENCH BOX SHALL BE REQUIRED WHERE ANY PART OF THE TRENCH IS WITHIN A 1:1 SLOPE OF THE EDGE OF PAVEMENT OR WHERE NECESSARY TO PROTECT EXISTING UTILITIES. THE CONTRACTOR SHALL BE RESPONSIBLE TO DETERMINE WHERE A TRENCH BOX IS REQUIRED BASED ON THE ABOVE CRITERIA.



NO.	REVISION	BY	DATE
0	RELEASED FOR BIDS	JET	9/25/2017

<b>J. E. TIFFANY AND SONS, LLC</b>	ENGINEER	J.E. TIFFANY
	SURVEYOR	
	DRAFTSMAN	JET 8/21/17
	SCALE	

<b>BOYNE M-75 FORCEMAIN</b>	
<b>STA. 4+00 TO 9+00</b>	
PROJECT NUMBER 1028.17.014	SHEET 2 OF 13



NOTE:  
CONTRACTOR SHALL OBTAIN BOYNE MOUNTAIN APPROVAL FOR SCHEDULE OF ANY LIFT STATION SHUT DOWN, UNLESS AN EMERGENCY SITUATION ARISES.



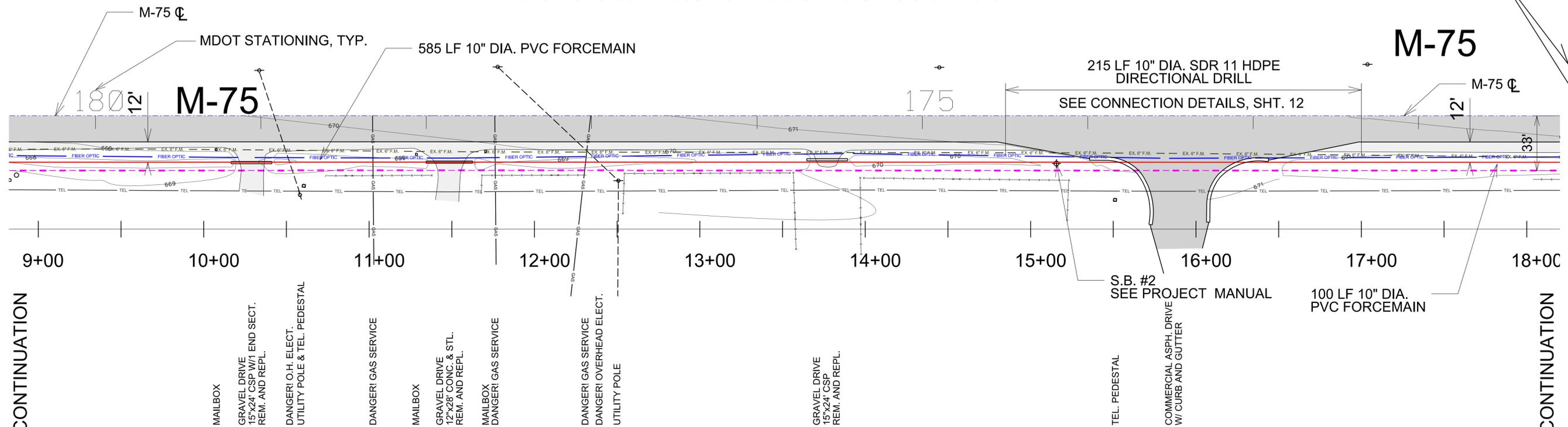
NO.	REVISION	BY	DATE
0	RELEASED FOR BIDS	JET	9/25/2017

*J. E. TIFFANY AND SONS, LLC*

ENGINEER	J.E. TIFFANY
SURVEYOR	
DRAFTSMAN	JET 8/21/17
SCALE	

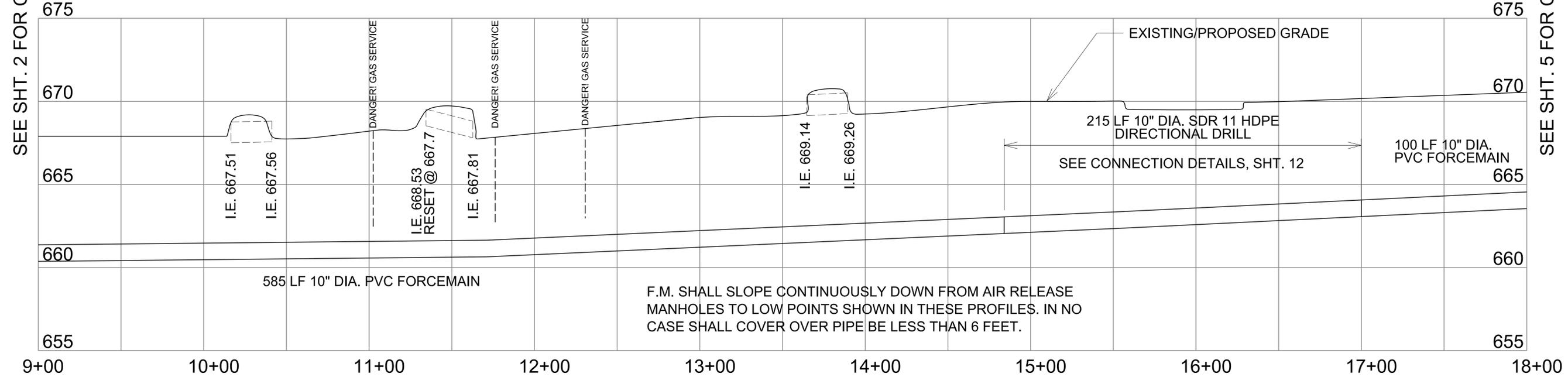
<b>BOYNE M-75 FORCEMAIN</b>	
CONNECTION DETAILS, STA 5+09	
PROJECT NUMBER 1028.17.014	SHEET 3 OF 13

NOTE:  
EXACT LOCATION OF EXISTING FORCEMAIN IS NOT KNOWN. CONTRACTOR SHALL VERIFY EXISTING FORCEMAIN LOCATION AHEAD OF TRENCHING OPERATIONS.



SEE SHT. 2 FOR CONTINUATION

SEE SHT. 5 FOR CONTINUATION



F.M. SHALL SLOPE CONTINUOUSLY DOWN FROM AIR RELEASE MANHOLES TO LOW POINTS SHOWN IN THESE PROFILES. IN NO CASE SHALL COVER OVER PIPE BE LESS THAN 6 FEET.



NO.	REVISION	BY	DATE
0	RELEASED FOR BIDS	JET	9/25/2017

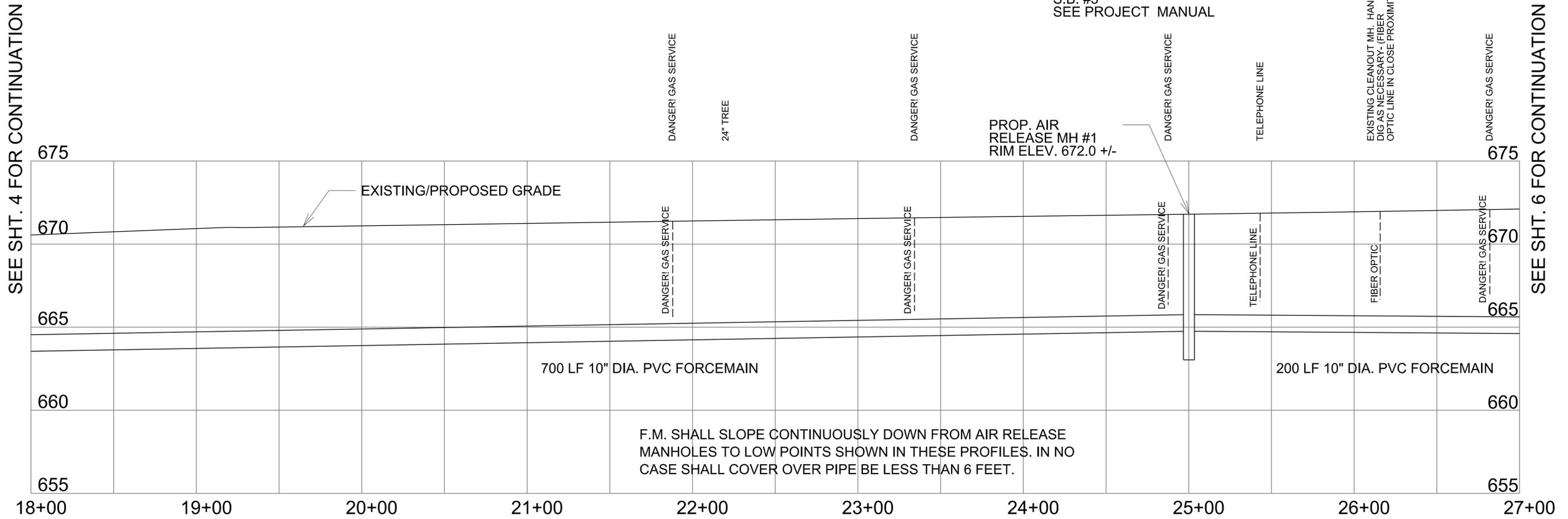
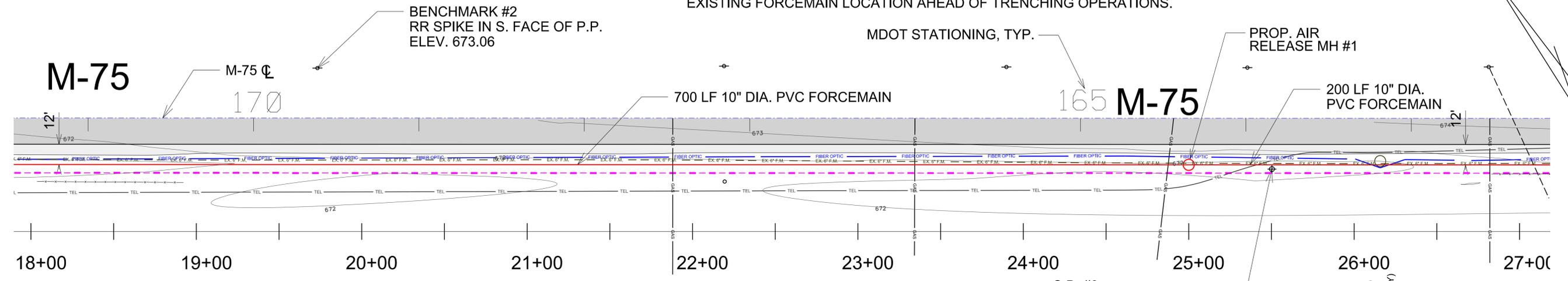
J. E. TIFFANY AND SONS, LLC

ENGINEER	J.E. TIFFANY
SURVEYOR	
DRAFTSMAN	JET 8/21/17
SCALE	

**BOYNE M-75 FORCEMAIN  
STA 9+00 TO 18+00**

PROJECT NUMBER 1028.17.014 SHEET 4 OF 13

NOTE:  
EXACT LOCATION OF EXISTING FORCEMAIN IS NOT KOWN. CONTRACTOR SHALL VERIFY  
EXISTING FORCEMAIN LOCATION AHEAD OF TRENCHING OPERATIONS.



F.M. SHALL SLOPE CONTINUOUSLY DOWN FROM AIR RELEASE  
MANHOLES TO LOW POINTS SHOWN IN THESE PROFILES. IN NO  
CASE SHALL COVER OVER PIPE BE LESS THAN 6 FEET.

SEE SHT. 4 FOR CONTINUATION

SEE SHT. 6 FOR CONTINUATION



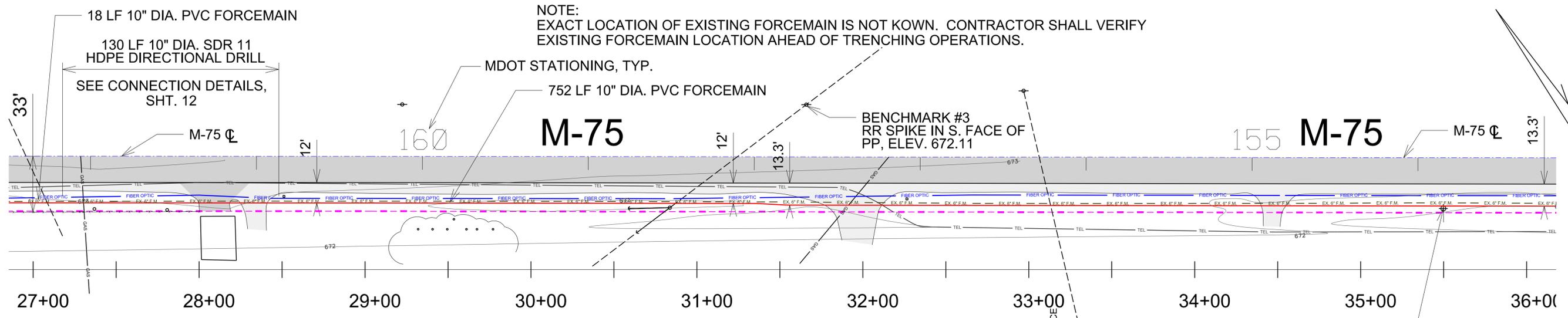
NO.	REVISION	BY	DATE
0	RELEASED FOR BIDS	JET	9/25/2017

J. E. TIFFANY AND SONS, LLC

ENGINEER	J.E. TIFFANY
SURVEYOR	
DRAFTSMAN	JET 8/21/17
SCALE	

**BOYNE M-75 FORCEMAIN**  
STA 18+00 TO 27+00

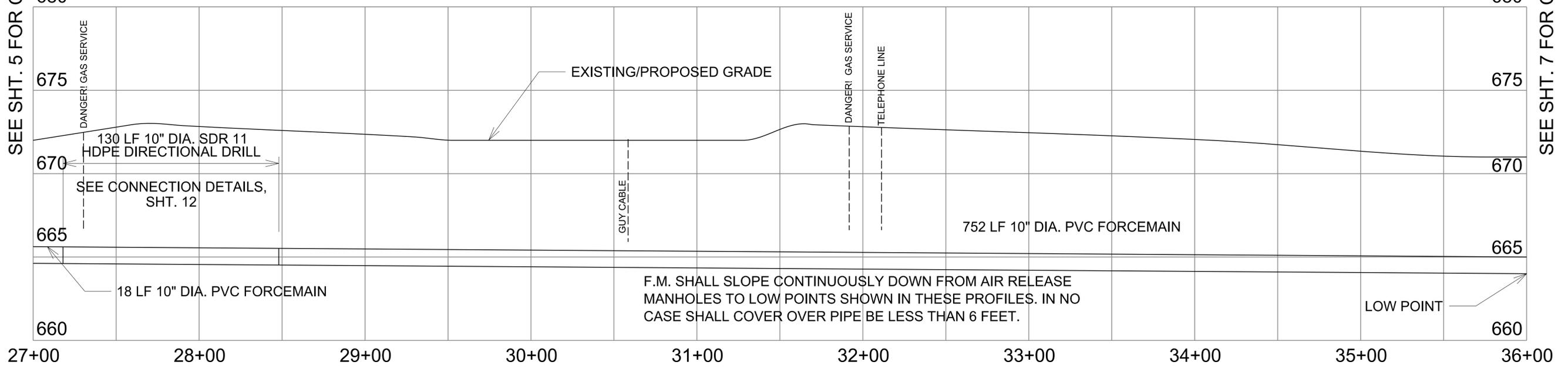
PROJECT NUMBER	1028.17.014	SHEET 5	OF 13
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NOTE:  
EXACT LOCATION OF EXISTING FORCEMAIN IS NOT KOWN. CONTRACTOR SHALL VERIFY EXISTING FORCEMAIN LOCATION AHEAD OF TRENCHING OPERATIONS.

SEE SHT. 5 FOR CONTINUATION

SEE SHT. 7 FOR CONTINUATION



F.M. SHALL SLOPE CONTINUOUSLY DOWN FROM AIR RELEASE MANHOLES TO LOW POINTS SHOWN IN THESE PROFILES. IN NO CASE SHALL COVER OVER PIPE BE LESS THAN 6 FEET.



NO.	REVISION	BY	DATE
0	RELEASED FOR BIDS	JET	9/25/2017

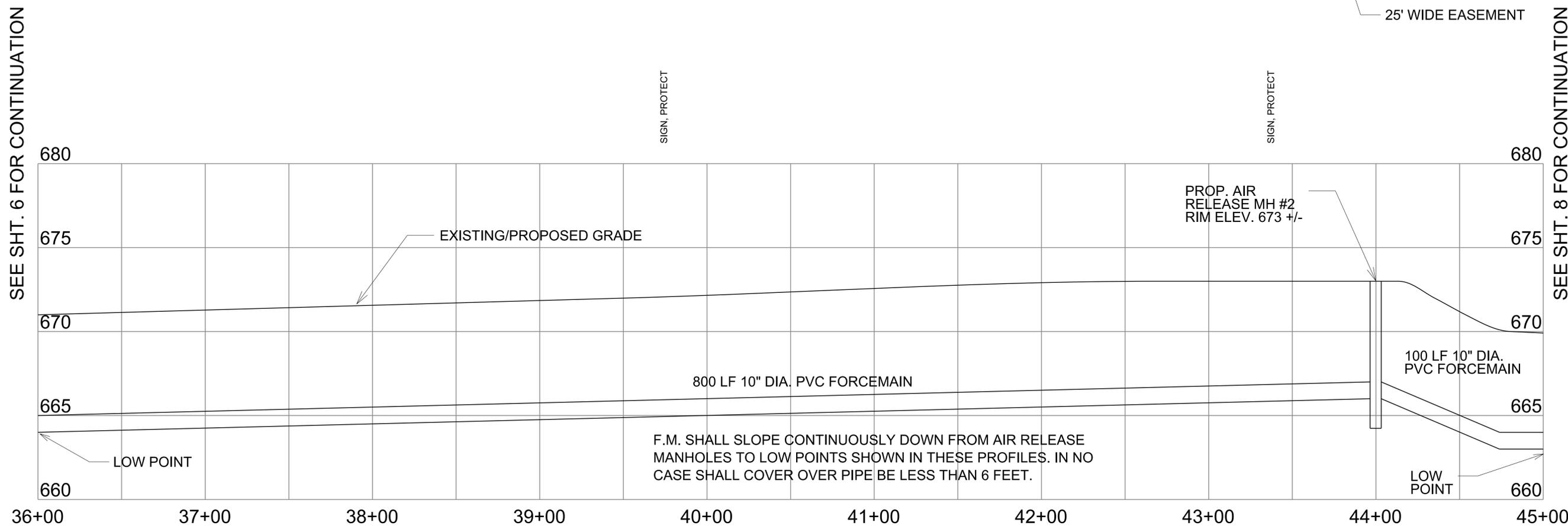
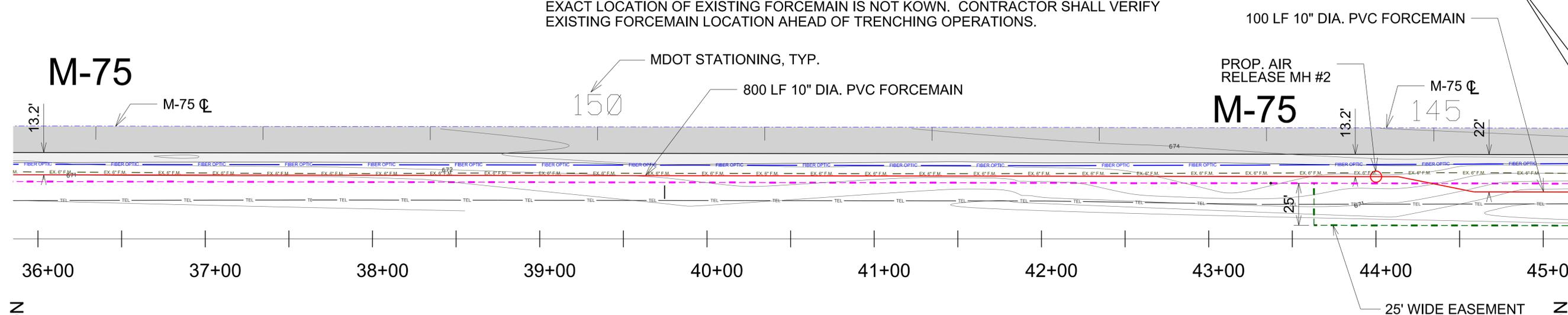
J. E. TIFFANY AND SONS, LLC

ENGINEER	J.E. TIFFANY
SURVEYOR	
DRAFTSMAN	JET 8/21/17
SCALE	

**BOYNE M-75 FORCEMAIN  
STA 27+00 TO 36+00**

PROJECT NUMBER 1028.17.014	SHEET 6 OF 13
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NOTE:  
EXACT LOCATION OF EXISTING FORCEMAIN IS NOT KOWN. CONTRACTOR SHALL VERIFY  
EXISTING FORCEMAIN LOCATION AHEAD OF TRENCHING OPERATIONS.



F.M. SHALL SLOPE CONTINUOUSLY DOWN FROM AIR RELEASE MANHOLES TO LOW POINTS SHOWN IN THESE PROFILES. IN NO CASE SHALL COVER OVER PIPE BE LESS THAN 6 FEET.



NO.	REVISION	BY	DATE
0	RELEASED FOR BIDS	JET	9/25/2017

J. E. TIFFANY AND SONS, LLC

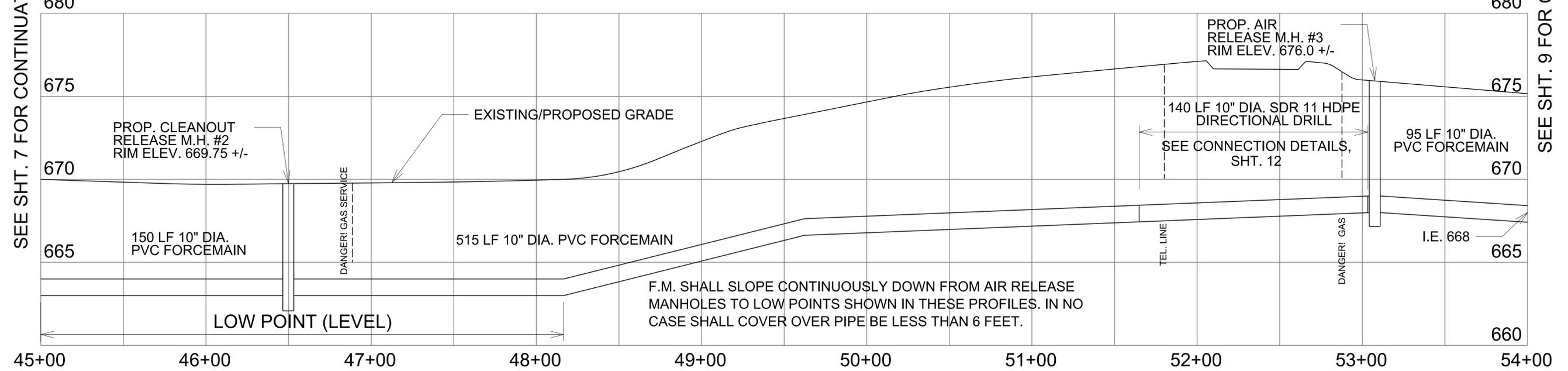
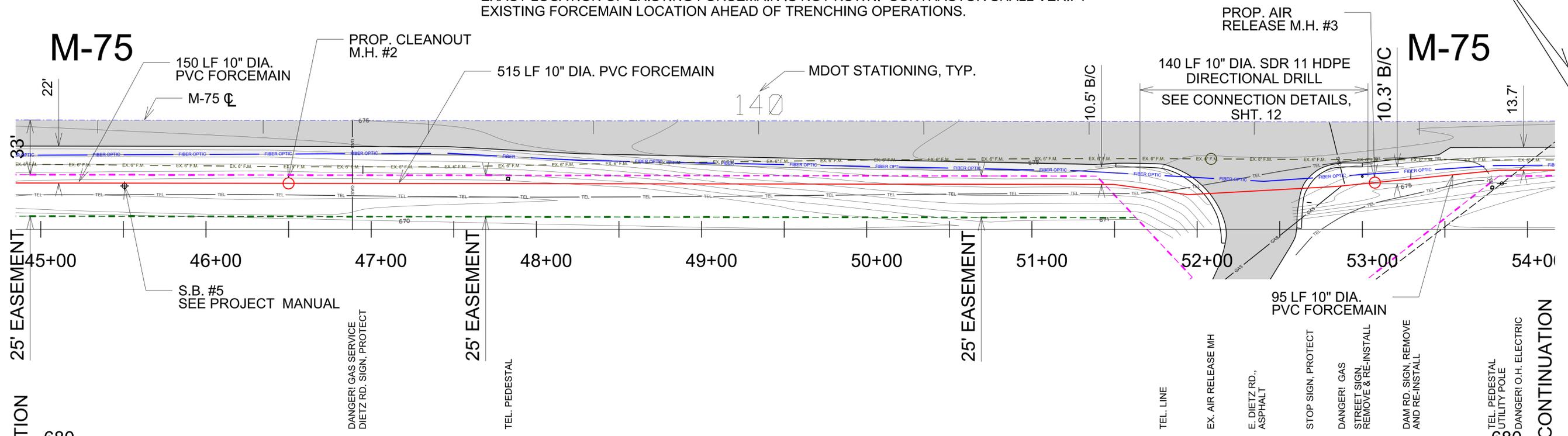
ENGINEER	J.E. TIFFANY
SURVEYOR	
DRAFTSMAN	JET 8/21/17
SCALE	

**BOYNE M-75 FORCEMAIN  
STA 36+00 TO 45+00**

PROJECT NUMBER  
1028.17.014

SHEET 7  
OF 13

NOTE:  
EXACT LOCATION OF EXISTING FORCEMAIN IS NOT KOWN. CONTRACTOR SHALL VERIFY  
EXISTING FORCEMAIN LOCATION AHEAD OF TRENCHING OPERATIONS.



F.M. SHALL SLOPE CONTINUOUSLY DOWN FROM AIR RELEASE MANHOLES TO LOW POINTS SHOWN IN THESE PROFILES. IN NO CASE SHALL COVER OVER PIPE BE LESS THAN 6 FEET.



NO.	REVISION	BY	DATE
0	RELEASED FOR BIDS	JET	9/25/2017
1	REVISED FOR ADDENDUM 1	JET	10/6/2017

J. E. TIFFANY AND SONS, LLC

ENGINEER	J.E. TIFFANY
SURVEYOR	
DRAFTSMAN	JET 8/21/17
SCALE	

**BOYNE M-75 FORCEMAIN  
STA 45+00 TO 54+00**

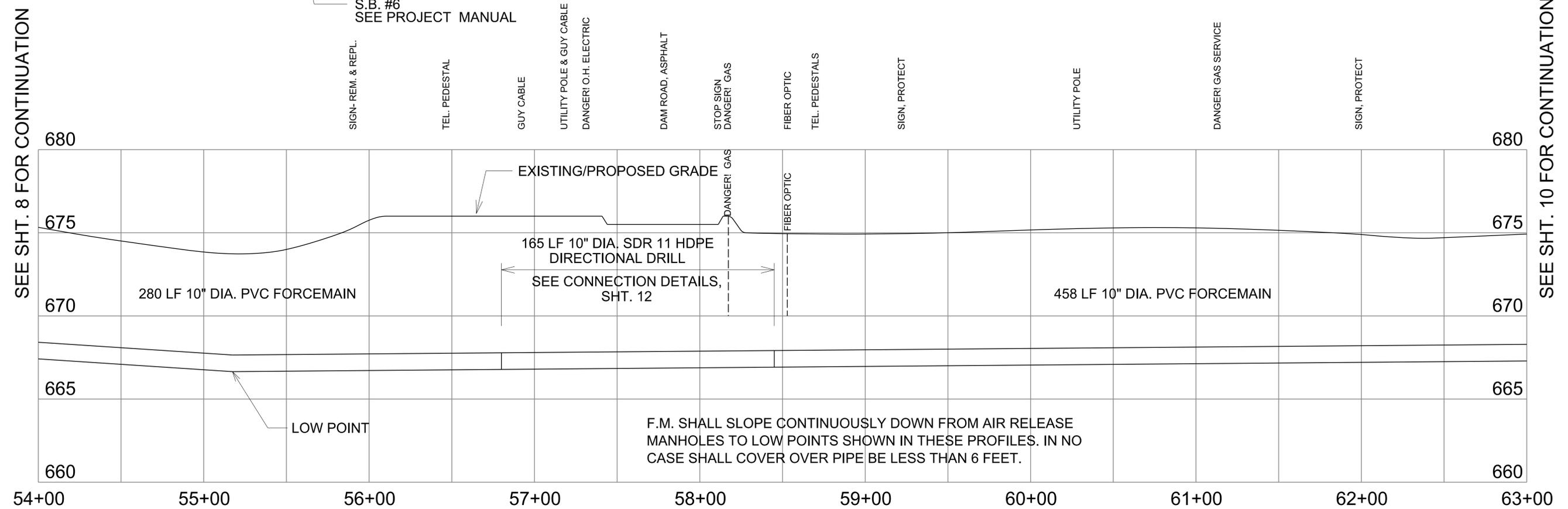
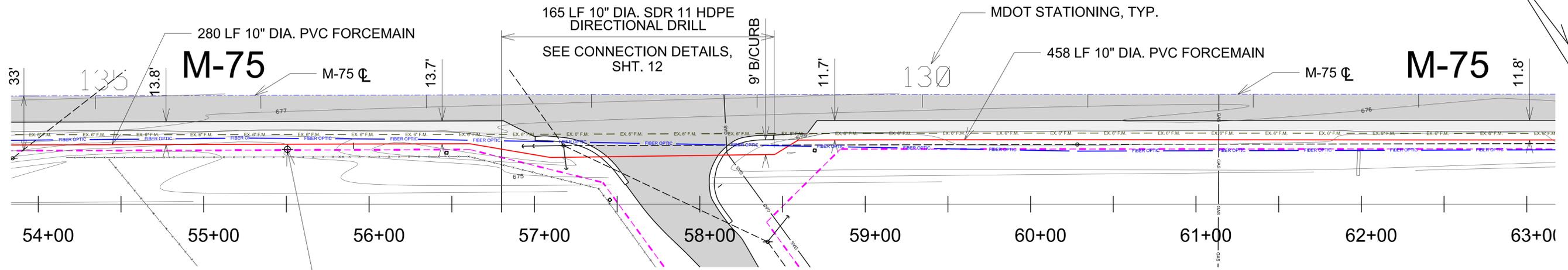
PROJECT NUMBER  
1028.17.014

SHEET 8  
OF 13

SEE SHT. 7 FOR CONTINUATION

SEE SHT. 9 FOR CONTINUATION

NOTE:  
EXACT LOCATION OF EXISTING FORCEMAIN IS NOT KOWN. CONTRACTOR SHALL VERIFY  
EXISTING FORCEMAIN LOCATION AHEAD OF TRENCHING OPERATIONS.



F.M. SHALL SLOPE CONTINUOUSLY DOWN FROM AIR RELEASE  
MANHOLES TO LOW POINTS SHOWN IN THESE PROFILES. IN NO  
CASE SHALL COVER OVER PIPE BE LESS THAN 6 FEET.

SEE SHT. 8 FOR CONTINUATION

SEE SHT. 10 FOR CONTINUATION



NO.	REVISION	BY	DATE
0	RELEASED FOR BIDS	JET	9/25/2017

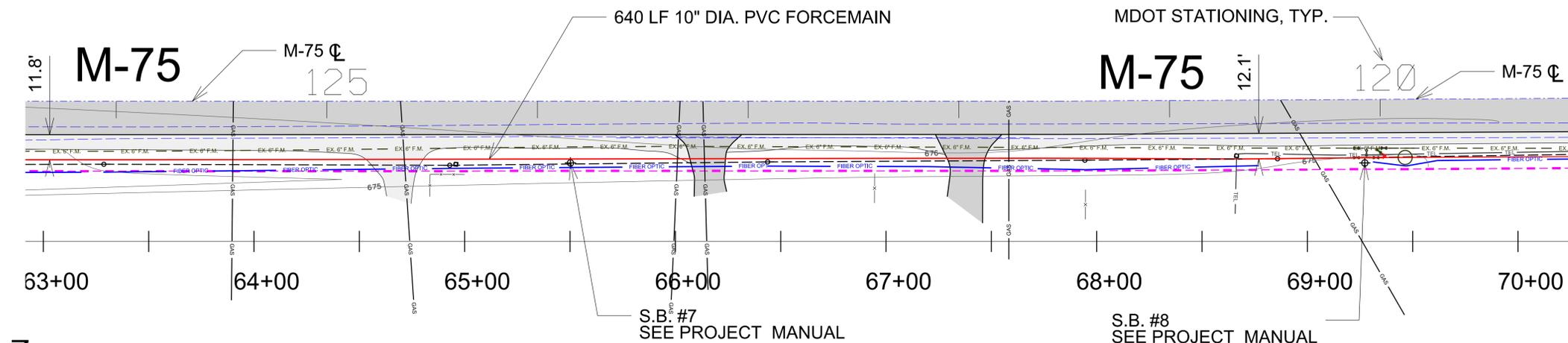
J. E. TIFFANY AND SONS, LLC

ENGINEER	J.E. TIFFANY
SURVEYOR	
DRAFTSMAN	JET 8/21/17
SCALE	

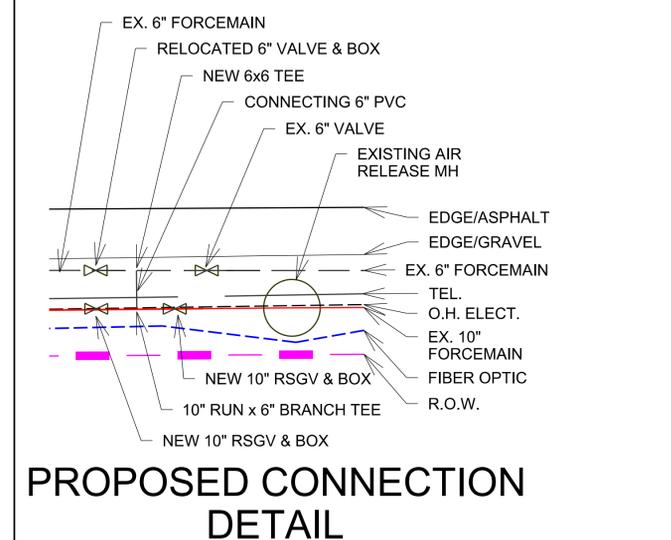
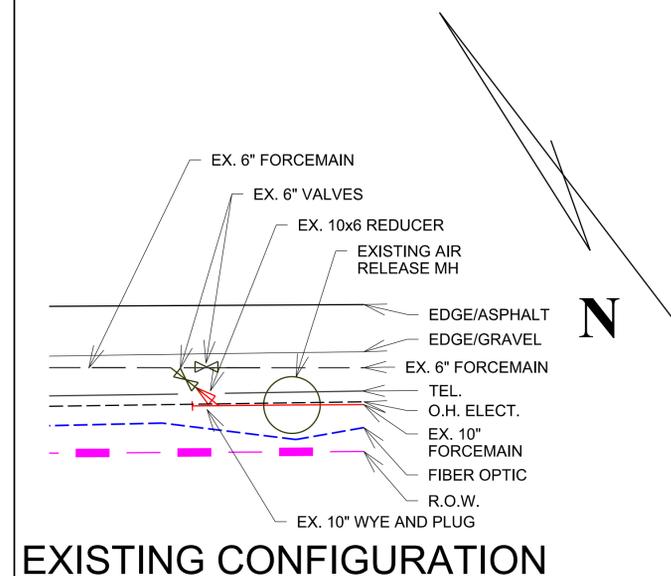
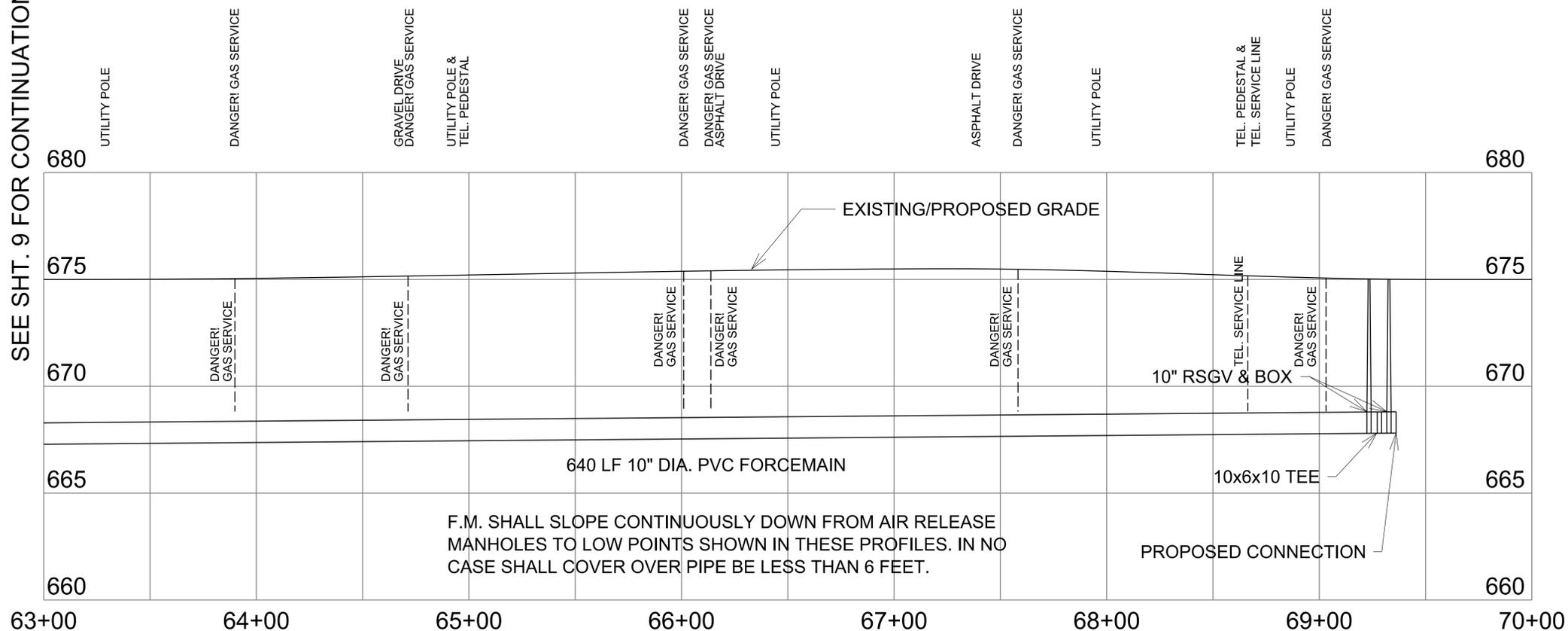
**BOYNE M-75 FORCEMAIN  
STA 54+00 TO 63+00**

PROJECT NUMBER 1028.17.014	SHEET 9 OF 13
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NOTE:  
EXACT LOCATION OF EXISTING FORCEMAIN IS NOT KOWN. CONTRACTOR SHALL VERIFY  
EXISTING FORCEMAIN LOCATION AHEAD OF TRENCHING OPERATIONS.



SEE SHT. 9 FOR CONTINUATION



NOTE:  
CONTRACTOR SHALL OBTAIN  
BOYNE MOUNTAIN APPROVAL  
FOR SCHEDULE OF ANY LIFT  
STATION SHUT DOWN, UNLESS  
AN EMERGENCY SITUATION ARISES.



NO.	REVISION	BY	DATE
0	RELEASED FOR BIDS	JET	9/25/2017
1	REVISED FOR ADDENDUM 1	JET	10/6/2017

J. E. TIFFANY AND SONS, LLC

ENGINEER	J.E. TIFFANY
SURVEYOR	
DRAFTSMAN	JET 8/21/17
SCALE	

**BOYNE M-75 FORCEMAIN  
STA 63+00 TO 70+00**

PROJECT NUMBER  
1028.17.014

SHEET 10  
OF 13

## FORCEMAIN NOTES

- FOR PROTECTION OF UNDERGROUND UTILITIES, CONTRACTOR SHALL CALL 811 A MINIMUM OF 3 WORKING DAYS PRIOR TO EXCAVATING IN THE VICINITY OF UTILITY LINES. ALL MISS DIG PARTICIPATING MEMBERS WILL THUS BE ROUTINELY NOTIFIED. THIS DOES NOT RELIEVE THE CONTRACTOR OF NOTIFYING UTILITY OWNERS WHO MAY NOT BE PART OF THE MISS DIG ALERT SYSTEM. THE CONTRACTOR SHALL NOTE THAT ALL EXISTING UTILITIES AND STRUCTURES ARE SHOWN ACCORDING TO THE BEST INFORMATION AVAILABLE. THIS IMPLIES THAT THERE COULD BE OTHER STRUCTURES OR UTILITIES LOCATED IN THE AREA.
- ALL UTILITY LOCATIONS SHOWN IN THESE PLANS ARE APPROXIMATE AND WILL REQUIRE FIELD VERIFICATION. THE CONTRACTOR SHALL BE RESPONSIBLE TO LOCATE ALL UNDERGROUND UTILITIES IN THE VICINITY OF CONSTRUCTION ACTIVITIES.
- THE CONTRACTOR SHALL NOTIFY J. E. TIFFANY AND SONS, LLC AT LEAST 48 HOURS PRIOR TO THE START OF UTILITY CONSTRUCTION WHO WILL IN TURN NOTIFY BOYNE MOUNTAIN AND BOYNE CITY. THE CITY RESERVES THE RIGHT TO PROVIDE FULL TIME CONSTRUCTION OBSERVATION OF ALL FORCE MAIN AND RELATED ITEMS, AND SHALL WITNESS ALL ACCEPTANCE TESTING.
- CONTRACTOR SHALL PROVIDE ALL TRAFFIC DEVICES, SIGNAGE, ETC. CONFORMING TO THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES, LATEST REVISED EDITION AND WITH THE REQUIREMENTS OF MDOT DURING CONSTRUCTION.
- CONCRETE FOR SLABS AND MANHOLE FLOWLINES, ETC. SHALL BE 3500 PSI.
- THE CONTRACTOR SHALL CONTACT THE PROJECT ENGINEER AT LEAST 48 HOURS PRIOR TO PAVING TO ALLOW FOR GRAVEL DEPTH CHECK, SIEVE ANALYSIS, AND GRAVEL DENSITY TESTS.
- NO EXTRA PAYMENT FOR DEWATERING SHALL BE MADE. COSTS FOR DEWATERING SHALL BE INCLUDED IN THE CONTRACTOR'S BID FOR FORCEMAIN.
- RIM ELEVATIONS ARE APPROXIMATE ONLY. CONTRACTOR SHALL ADJUST ALL RIMS TO MATCH FINAL GRADE ELEVATIONS.
- OPEN CUT FORCEMAIN (OPTION A) SHALL BE AWWA C900 PRESSURE CLASS 150 (DR 18) PVC CONFORMING TO THE PROJECT SPECIFICATIONS. FORCEMAIN INSTALLED BY DIRECTIONAL UNDER ROADWAYS AND COMMERCIAL DRIVEWAYS FOR "OPTION A" SHALL BE SDR 11, HDPE, DUCTILE IRON PIPE SIZE (DIPS). DIRECTIONALLY DRILLING THE ENTIRE PROJECT WITH RESTRAINED JOINT AWWA C900 PVC, DR 18 WILL BE ALLOWED (OPTION B).
- MECHANICAL JOINT FITTINGS SHALL MEET THE REQUIREMENTS OF ANSI/AWWA C153/A 21.53, C111/A21.11 AND C104/A21.4 FOR CEMENT LINED, COMPACT FITTINGS.
- PROVIDE 6'-0" MINIMUM COVER FROM TOP OF FORCEMAIN TO FINISHED GRADE UNLESS NOTED OTHERWISE.
- MEGALUG JOINT RESTRAINT BY EBAA IRON (OR APPROVED EQUAL) SHALL BE REQUIRED FOR ALL TEES, BENDS AND PLUGS. PROVIDE RESTRAINT FOR REQUIRED DISTANCE ON EACH SIDE OF FITTING AS PER MANUFACTURERS PIPE RESTRAINT SCHEDULE.
- GATE VALVES SHALL BE EJIW, LEFT-HAND OPEN, DUCTILE IRON BODY, RESILIENT WEDGE GATE VALVES CONFORMING TO AWWA STANDARD C-515.
- VALVE BOXES SHALL BE CAST IRON, SCREW TYPE, FIVE PIECE, 5" DIA. SHAFT WITH COVER MARKED "SEWER". USE GATE VALVE ADAPTORS BY ADAPTOR, INC., WEST ALLIS, WI, (866) 764-1999.
- FORCEMAIN SHALL BE PRESSURE TESTED IN ACCORDANCE WITH AWWA STANDARD C 600 AT 150 PSI FOR A PERIOD OF TWO HOURS, BY CONTRACTOR. LOSS SHALL NOT EXCEED 11.65 GALLONS PER DAY PER INCH DIA. PER MILE OF PIPE. THE PROJECT ENGINEER SHALL BE NOTIFIED 48 HOURS IN ADVANCE TO OBSERVE PRESSURE TESTING AND DISINFECTION OF FORCEMAIN.
- THE CONTRACTOR SHALL SUBMIT SHOP DRAWINGS OR MATERIAL CUT SHEETS IN PORTABLE DOCUMENT FORMAT (PDF) TO PROJECT ENGINEER FOR APPROVAL OF ALL FORCE MAIN RELATED ITEMS PRIOR TO INSTALLATION. SHOP DRAWINGS WILL BE REVIEWED BY BOTH BOYNE MOUNTAIN AND THE CITY OF BOYNE CITY.
- A TRENCH BOX SHALL BE REQUIRED WHERE ANY PART OF THE TRENCH IS WITHIN A 1:1 SLOPE OF THE EDGE OF GRAVEL SHOULDER OR WHERE NECESSARY TO PROTECT EXISTING UTILITIES. THE CONTRACTOR SHALL BE RESPONSIBLE TO DETERMINE WHERE A TRENCH BOX IS REQUIRED BASED ON THE ABOVE CRITERIA.
- CONTRACTOR SHALL OBTAIN BOYNE MOUNTAIN APPROVAL FOR SCHEDULE OF ANY LIFT STATION SHUT DOWN, UNLESS AN EMERGENCY SITUATION ARISES.
- A TRACER WIRE SYSTEM SHALL BE INSTALLED IN ACCORDANCE WITH THE SPECIFICATIONS AND MANHOLE DETAILS IN THESE PLANS. ENGINEER AND CITY REPRESENTATIVE MUST WITNESS SUCCESSFUL CONTINUITY TESTING OF THE SYSTEM PRIOR TO ACCEPTANCE OF THE FORCEMAIN.

## GENERAL UTILITY NOTES

- ALL TRENCHES SHALL BE BACKFILLED IN ACCORDANCE WITH THE DETAIL PROVIDED ON THE UTILITY STANDARD CONSTRUCTION DETAIL SHEETS INCLUDED WITH THESE PLANS. ALL TRENCHES ACROSS ROADWAYS, DRIVEWAYS, SIDEWALKS AND PARKING LOTS SHALL BE COMPACTED TO 98% OF MODIFIED PROCTOR. IN ADDITION, ALL TRENCHES WITHIN A ONE ON ONE SLOPE OF PAVEMENT SHALL BE BACKFILLED WITH MDOT CLASS II SAND AND MECHANICALLY COMPACTED IN NOT MORE THAN 9" LAYERS TO 95% MAXIMUM UNIT WEIGHTS.
- ALL DRIVEWAY CULVERTS SHALL BE CORRUGATED STEEL PIPE (CSP), MEETING THE MATERIAL AND INSTALLATION REQUIREMENTS OF THE MDOT 2012 STANDARD SPECIFICATIONS FOR CONSTRUCTION.
- ALL UTILITY WORK SHALL BE PROPERLY PERMITTED, INSPECTED, AND APPROVED. CONTRACTOR SHALL BE RESPONSIBLE FOR COMPLIANCE WITH ALL REGULATIONS & REQUIREMENTS IMPOSED UPON THIS WORK. ALL WORK SHALL BE IN CONFORMANCE WITH CITY OF BOYNE CITY MUNICIPAL CITY STANDARDS. ALSO, REFER TO THE VARIOUS UTILITY STANDARD CONSTRUCTION DETAIL SHEETS INCLUDED WITH THESE PLANS.
- ALL CONSTRUCTION MUST CONFORM TO THE CURRENT STANDARDS AND SPECIFICATIONS OF ANY FEDERAL, STATE, AND COUNTY AGENCIES HAVING JURISDICTION OVER THE WORK.
- THE CONTRACTOR IS RESPONSIBLE FOR REPAIRING ALL DAMAGE TO EXISTING PUBLIC AND PRIVATE UTILITIES.
- THE CONTRACTOR IS RESPONSIBLE FOR OBTAINING ALL PERMITS, INCLUDING A PERMIT TO OCCUPY PUBLIC UTILITY EASEMENTS OR PUBLIC RIGHTS OF WAY.
- POSITIVE PROVISIONS SHALL BE MADE TO ENSURE THAT ALL UTILITY TRENCHES ARE FREE DRAINING DURING ALL PHASES OF CONSTRUCTION.
- CONTRACTOR SHALL PROVIDE A CLEAN SET OF AS-CONSTRUCTED PLANS. DURING CONSTRUCTION, CONTRACTOR SHALL RECORD ON FIELD SET THE FORCEMAIN ALIGNMENT (AS MEASURED FROM EDGE OF M-75 PAVEMENT), LOCATIONS OF FITTINGS AND VALVES USED, LOCATION AND INVERTS OF HIGH AND LOW POINTS, AND ANY OTHER DETAILS THAT VARY FROM THE PLANS. ALSO, DETAILS, DEPTHS AND LOCATIONS OF OTHER UTILITIES ENCOUNTERED SHALL BE RECORDED. OTHER THAN F.M. ALIGNMENT, LOCATIONS SHALL BE ESTABLISHED USING AT LEAST TWO WITNESS SURFACE FEATURES (PREFERABLY AT 90 DEGREES). AT THE COMPLETION OF CONSTRUCTION, CONTRACTOR SHALL TRANSFER INFORMATION FROM THE FIELD SET TO THE CLEAN AS-BUILT SET. CONTRACTOR SHALL SUBMIT ORIGINAL FIELD SET AND CLEAN AS-BUILT SET TO THE ENGINEER WITHIN 30 DAYS OF COMPLETION OF CONSTRUCTION.

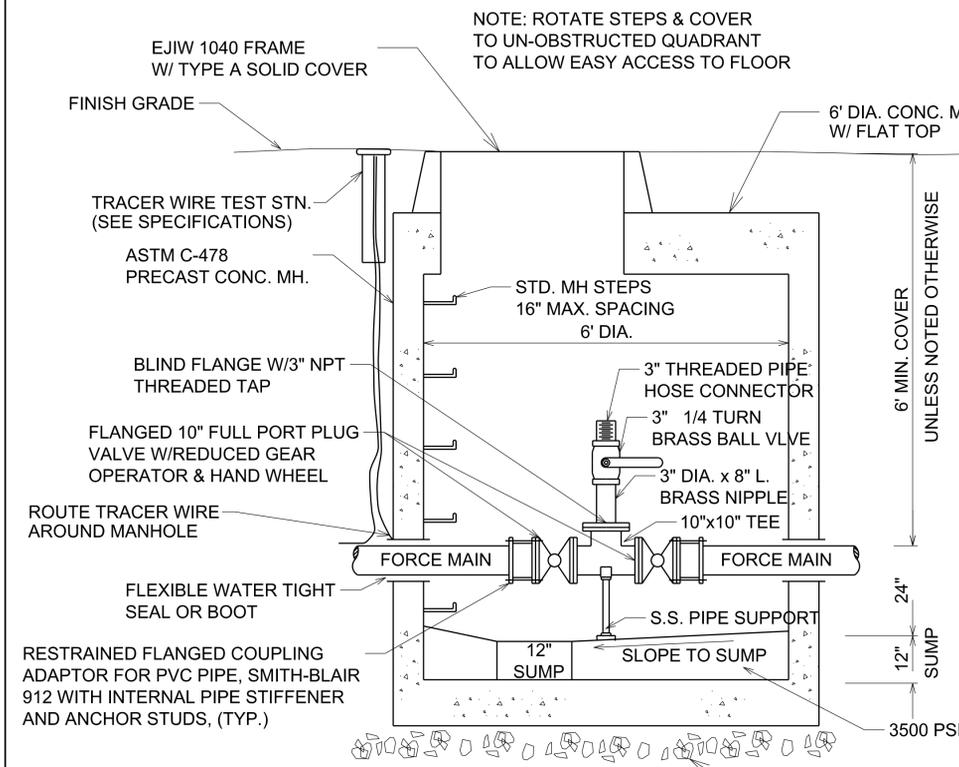
## GENERAL NOTES

- ALL ROAD SIGNS REQUIRING RELOCATION DUE TO CONSTRUCTION OPERATION SHALL BE SALVAGED AND RESET BY THE CONTRACTOR AT LOCATIONS DESIGNATED BY THE ENGINEER.
- RESTORATION OF GRASS/LAWN AREAS SHALL INCLUDE: 3" TOPSOIL SURFACE, CLASS "A" SEED, 300#/ACRE CHEMICAL FERTILIZER NUTRIENT, 2 TONS/ACRE STRAW MULCH AND MULCH ANCHORING, AS PER PROJECT SPECIFICATIONS.
- THE SOIL BORING LOGS REPRESENT POINT INFORMATION. PRESENTATION OF THIS INFORMATION IN NO WAY INFERS THAT SUCH SUBSURFACE CONDITIONS ARE THE SAME AT LOCATIONS OTHER THAN THE EXACT LOCATION OF THE BORING.
- CONTRACTOR SHALL RESTORE THE USE OF ALL PEDESTRIAN CROSSINGS, DRIVEWAY CROSSINGS, AND STREET INTERSECTIONS AND COMPLETE BACKFILLING/COMPACTION OPERATIONS OF OPEN TRENCHES BY THE END OF EACH DAY.
- EXCAVATE NEAR UTILITY POLES IN ACCORDANCE WITH UTILITY CO. REQUIREMENTS. WHEN A SITUATION MEETS THE CRITERIA OF THE UTILITY CO. FOR HOLDING OF POLES, THEY SHALL BE HELD IN ACCORDANCE WITH UTILITY COMPANY REQUIREMENTS.
- LOCATIONS FOR PROPOSED STRUCTURES WILL BE LOCATED BY THE ENGINEER PRIOR TO CONSTRUCTION. CONTRACTOR SHALL RELOCATE MAIL BOXES AS NECESSARY DURING CONSTRUCTION AND MINIMIZE INTERRUPTING OF MAIL DELIVERY AND PICK-UP.
- CONTRACTOR SHALL PROVIDE AND MAINTAIN ADEQUATE TRAFFIC CONTROL ADJACENT TO CONSTRUCTION SITE DURING THE COURSE OF CONSTRUCTION.
- ALL TRAFFIC CONTROL DEVICES, SIGNAGE, ETC. SHALL CONFORM TO THE MICHIGAN MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES, LATEST REVISED EDITION AND WITH THE REQUIREMENTS OF THE CITY.
- ALL EXISTING CULVERTS, FOOTING DRAINS, STORM DRAINS AND OTHER LEADS THAT ARE DISTURBED SHALL BE MAINTAINED DURING CONSTRUCTION TO PREVENT BLOCKAGE OR BACKUPS AND SHALL BE RESTORED BY THE CONTRACTOR TO EXISTING OR BETTER CONDITION.
- THE CONTRACTOR SHALL CONTACT THE CITY AND PROJECT ENGINEER AT LEAST 48 HOURS PRIOR TO PAVING TO ALLOW FOR GRAVEL DEPTH CHECK, SIEVE ANALYSIS, AND GRAVEL DENSITY TESTS.
- THE CONTRACTOR SHALL PRESERVE AND PROTECT EXISTING SURFACE AND SUBSURFACE FEATURES AS NECESSARY USING CONSTRUCTION METHODS SUCH AS HAND-DIGGING, SHEETING, TRENCH BOX, TRENCHING TECHNOLOGY AND PLOWING TECHNOLOGY.
- PAYMENT AREA FOR DRIVEWAY RESTORATION SHALL NOT EXCEED A WIDTH OF 20 FEET (MEASURED PERPENDICULAR TO THE PIPELINE), UNLESS APPROVED IN WRITING BY THE ENGINEER PRIOR TO DISTURBANCE OF THE DRIVEWAY.

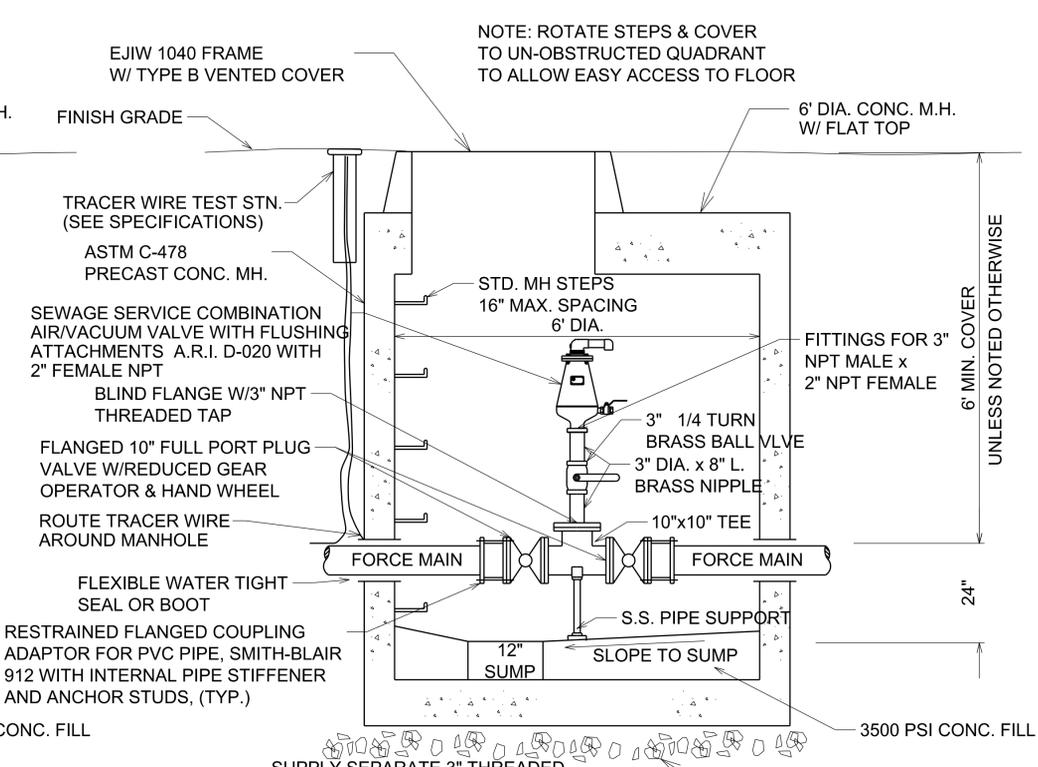
## EROSION NOTES

- ALL EROSION AND SEDIMENT WORK SHALL CONFORM TO STANDARDS AND SPECIFICATIONS OF LOCAL CODES AND OFFICIALS HAVING JURISDICTION.
- ALL SOIL EROSION AND SILT MUST BE CONTROLLED AND CONTAINED WITHIN THE CONSTRUCTION LIMITS. ALL REQUIRED EROSION CONTROL PROTECTION MEASURES MUST BE INSTALLED PRIOR TO SITE DISRUPTION.
- DAILY INSPECTIONS SHALL BE MADE BY CONTRACTOR FOR EFFECTIVENESS OF EROSION AND SEDIMENT CONTROL MEASURES, AND NECESSARY REPAIRS SHALL BE PERFORMED WITHOUT DELAY.
- EROSION AND SEDIMENTS FROM WORK ON THIS SITE SHALL BE CONTAINED ON SITE AND NOT ALLOWED TO COLLECT ON ANY OFF-SITE AREAS OR IN WATERWAYS. WATERWAYS INCLUDE BOTH NATURAL AND MAN-MADE OPEN DITCHES, STREAMS, STORM DRAINS, LAKES, PONDS, AND WETLANDS.
- CONTRACTOR SHALL APPLY TEMPORARY EROSION AND SEDIMENTATION CONTROL MEASURES WHEN REQUIRED AND AS DIRECTED ON THESE PLANS. CONTRACTOR SHALL REMOVE TEMPORARY MEASURES AS SOON AS PERMANENT STABILIZATION OF SLOPES, DITCHES AND OTHER CHANGES HAVE BEEN ESTABLISHED.
- CONTRACTOR SHALL STAGE ALL WORK AS DIRECTED IN THESE PLANS AND AS REQUIRED TO ENSURE PROGRESSIVE STABILIZATION OF DISTURBED EARTH.
- THE CONTRACTOR SHALL PRESERVE NATURAL VEGETATION TO THE GREATEST EXTENT POSSIBLE.
- VEGETATION STABILIZATION OF ALL DISTURBED AREAS SHALL BE ESTABLISHED WITHIN 15 DAYS OF COMPLETION OF FINAL GRADING.
- PROPOSED GRADES WILL MATCH EXISTING ELEVATIONS AT THE PROPERTY LINES WHERE EASEMENTS ARE NOT OBTAINED OR RETAINING WALLS ARE NOT PROVIDED.
- PROVISIONS SHALL BE MADE BY THE CONTRACTOR FOR THE CONTROL OF EROSION ON SHOULDERS AND SLOPES BY MEANS OF SEEDING, PLACEMENT OF STRAW MULCH BLANKETS, OR OTHER ACCEPTABLE MEANS, AS PART OF THIS CONTRACT.
- CONTRACTOR SHALL OBTAIN AND PAY ALL FEES FOR THE SOIL EROSION CONTROL PERMIT.

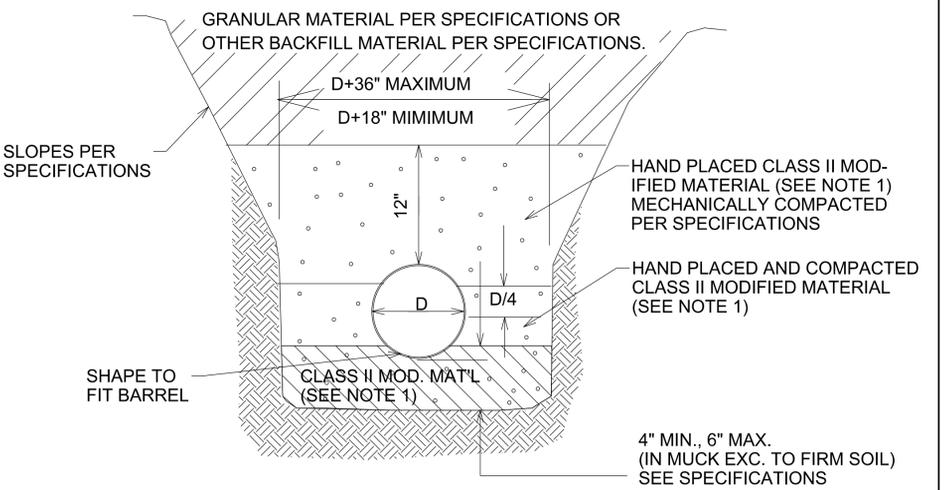
NO.	REVISION	BY	DATE			ENGINEER	J.E. TIFFANY		BOYNE M-75 FORCEMAIN NOTES		
0	RELEASED FOR BIDS	JET	9/25/2017	<i>J. E. TIFFANY AND SONS, LLC</i>		SURVEYOR					
1	REVISED FOR ADDENDUM 1	JET	10/6/2017			DRAFTSMAN	JET	8/21/17			
						SCALE					



**CLEANOUT MANHOLE DETAIL**

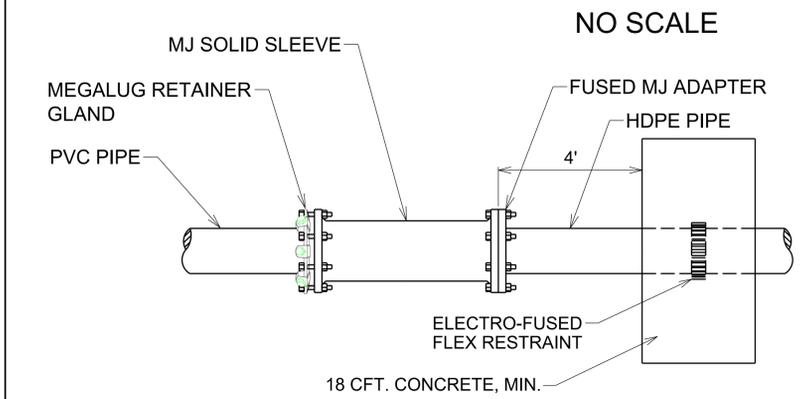


**AIR & VACUUM RELIEF MANHOLE DETAIL**

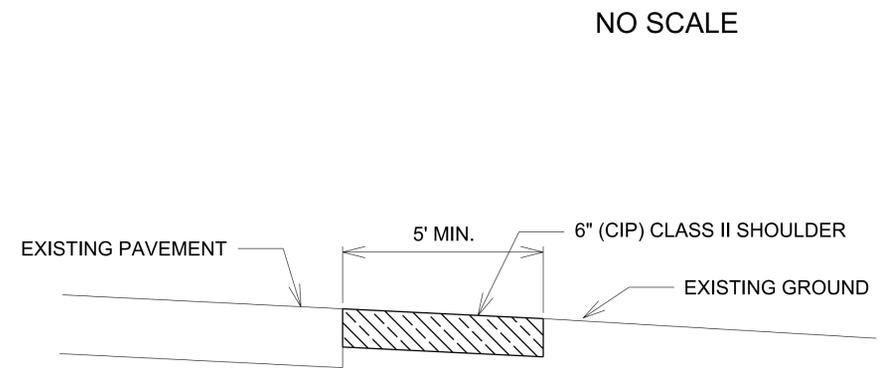


**PIPE BEDDING DETAIL**

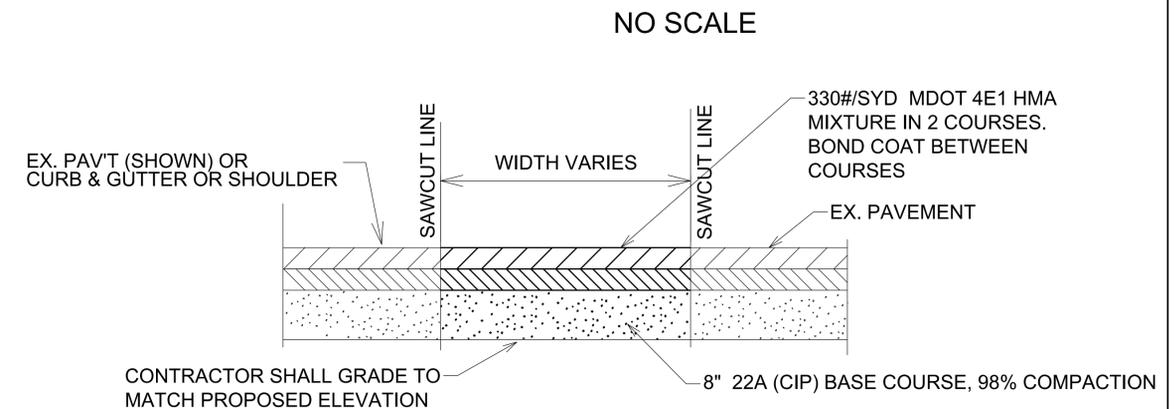
NOTE 1: CLASS II GRADATION MODIFIED SUCH THAT 100% PASSES 1-1/2" SIEVE.  
 NOTE 2: HIGHLY COMPRESSIBLE OR ORGANIC SOIL MAT'L DISCOVERED IN THE TRENCH BOTTOM MUST BE REPLACED WITH THE MDOT CLASS II MODIFIED MAT'L.



**HDPE/PVC CONNECTION DETAIL**



**TYPICAL GRAVEL SHOULDER REPL. DETAIL**



**TYPICAL ASPHALT REPLACEMENT DETAIL**



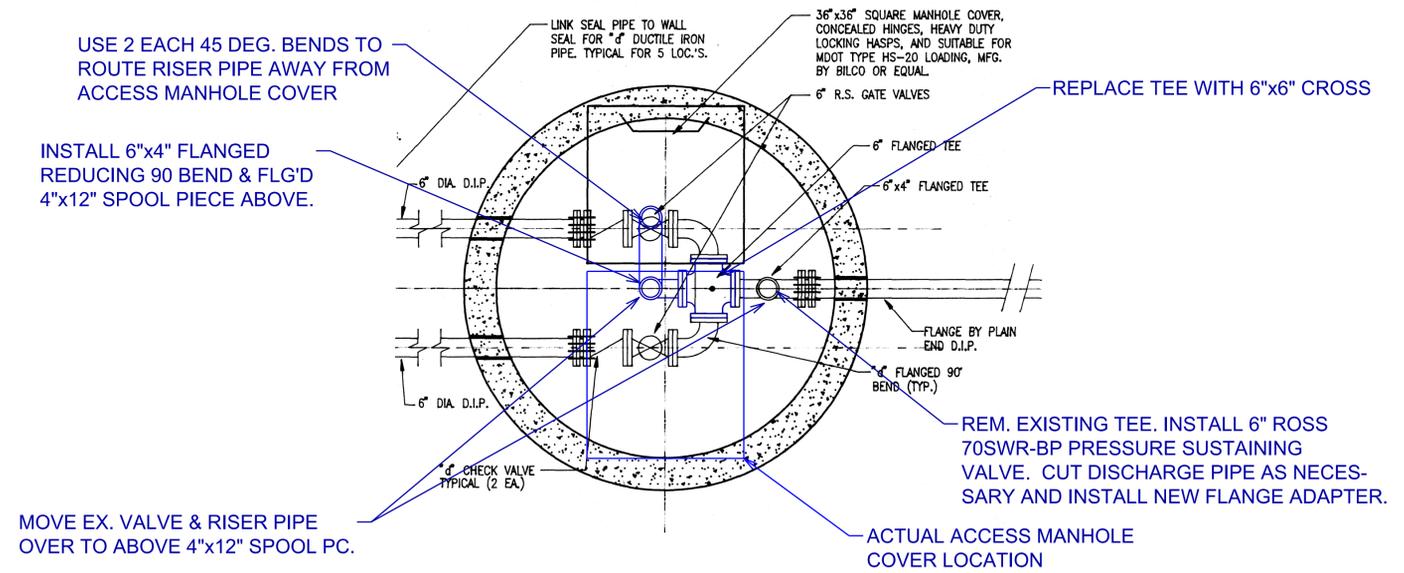
NO.	REVISION	BY	DATE
0	RELEASED FOR BIDS	JET	9/25/2017
1	REVISED FOR ADDENDUM 1	JET	10/6/2017

*J. E. TIFFANY AND SONS, LLC*

ENGINEER	J.E. TIFFANY
SURVEYOR	
DRAFTSMAN	JET 8/21/17
SCALE	

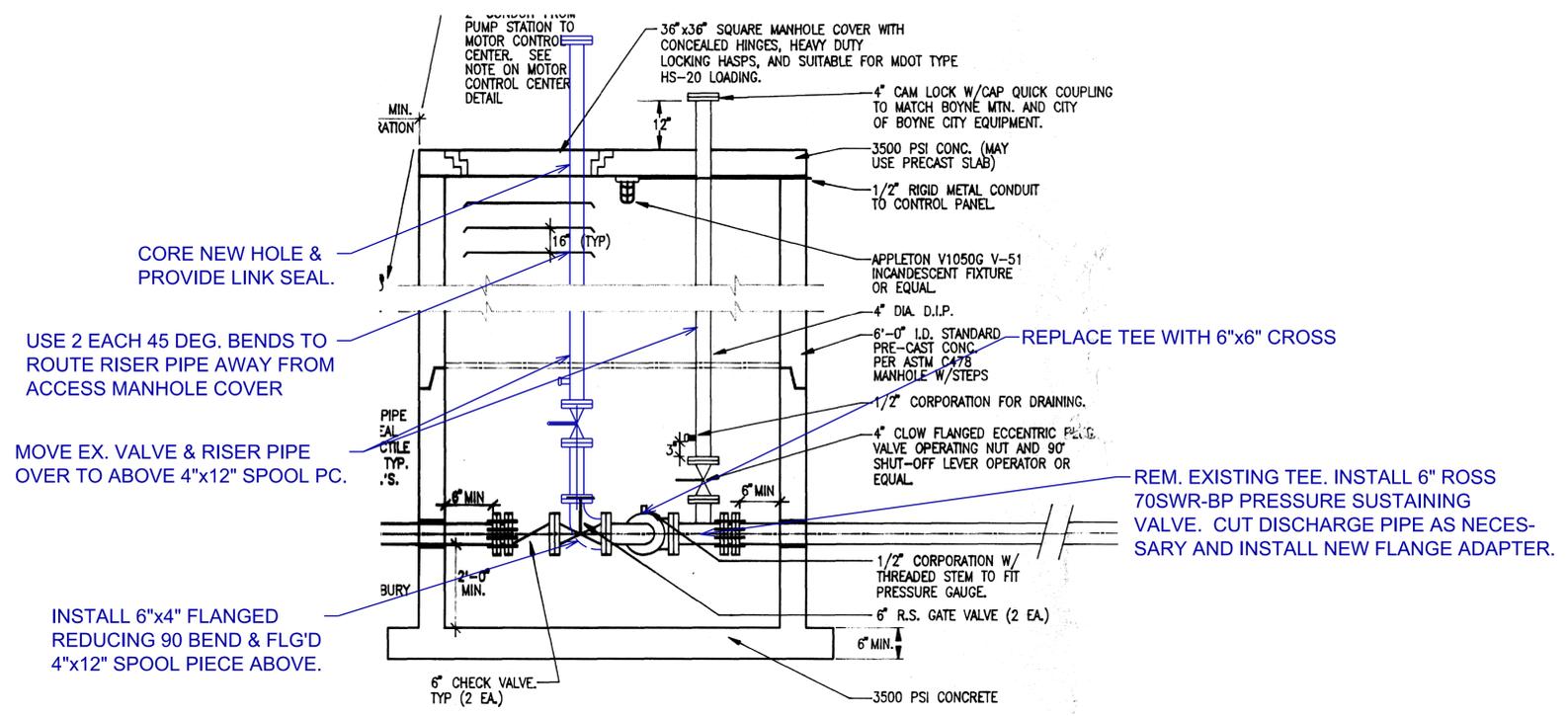
**BOYNE M-75 FORCEMAIN DETAILS**

PROJECT NUMBER	1028.17.014	SHEET 12	OF 13
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**NOTES:**

- 1) INSTALL NEW PRESSURE SUSTAINING VALVE IN EXISTING VALVE VAULT AT THE BOYNE MOUNTAIN PRINCIPAL LIFT STATION AS INDICATED ON THIS SHEET. VALVE SHALL BE ROSS MODEL # 70SWR-BP BY ROSS VALVE, TROY, NY (518) 274-0961.
- 2) OBTAIN APPROVAL OF LIFT STATION SHUT-DOWN SCHEDULE FROM BOYNE MOUNTAIN.



# EXISTING VALVE VAULT DETAIL

NO SCALE

NO.	REVISION	BY	DATE
0	RELEASED FOR BIDS	JET	9/25/2017

J. E. TIFFANY AND SONS, LLC

ENGINEER	J.E. TIFFANY
SURVEYOR	
DRAFTSMAN	JET 8/21/17
SCALE	

## BOYNE M-75 FORCEMAIN PRESS. SUSTAINING VALVE

PROJECT NUMBER	1028.17.014	SHEET 13	OF 13
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# October 2017

October 2017							November 2017						
Su	Mo	Tu	We	Th	Fr	Sa	Su	Mo	Tu	We	Th	Fr	Sa
1	2	3	4	5	6	7	5	6	7	1	2	3	4
8	9	10	11	12	13	14	12	13	14	8	9	10	11
15	16	17	18	19	20	21	19	20	21	15	16	17	18
22	23	24	25	26	27	28	26	27	28	22	23	24	25
29	30	31					27	28	29	29	30		

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
Oct 1	2	3 8:30am Main Street Board mtg.	4	5 6:00pm Parks & Rec	6	7
8	9	10 7:00pm City Commission	11	12 5:00pm Special ZBA	13	14
15 Marina Closes	16 5:00pm Planning Commission	17	18	19	20	21
22	23	24 12:00pm City Commission	25	26 5:30pm Airport Advisory Board	27	28
29	30	31 5:00pm Trick or Treat 5:00pm Spook House	Nov 1	2	3	4

# November 2017

November 2017						
Su	Mo	Tu	We	Th	Fr	Sa
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30		

December 2017						
Su	Mo	Tu	We	Th	Fr	Sa
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30
31						

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
Oct 29	30	31	Nov 1	2 6:00pm Parks & Rec	3	4
5	6	7 8:30am Main Street Board mtg. 5:00pm ZBA	8	9	10	11 11:00am Veterans Day Ceremony
12	13 12:00pm EDC/LDFA	14 7:00pm City Commission	15	16 5:00pm Historic District	17	18
19	20 5:00pm Planning Commission	21	22	23 City Offices Closed Thanksgiving 2:30pm Thanksgiving Dinner (Eagles Hall)	24 City Offices Closed 5:00pm Holiday Open House 6:00pm Santa Parade	25
26	27	28 12:00pm City Commission	29	30	Dec 1	2