NOTICE
THE UNDERGROUND LOCATIONS ShOWN FOR NATURAL GAS, TELEPHONE, ELECTRICAL, WATER Main LINES TO THE CITY OF ANN ARBOR ARE APPROXIMATE. THE CITY OF ANN ARBOR MAKES NO REPRESENTATION AS TO THE ACCURACY OF ANY LOCATIONS SHOWN.

THE DOWNTOWN DEVELOPMENT AUTHORITY, OR DDA, ASSUMES NO RESPONSIBILITY FOR THEIR ACCURATE REPRESENTATION IN THIS DRAWING.

MISS DIG MUST BE CONTACTED PRIOR TO CONSTRUCTION TO LOCATE THESE UTILITIES.

NOTES:
THE UNDERGROUND LOCATIONS SHOWN FOR NATURAL GAS, TELEPHONE, ELECTRICAL, WATER Main LINES TO THE CITY OF ANN ARBOR ARE APPROXIMATE. THE CITY OF ANN ARBOR MAKES NO REPRESENTATION AS TO THE ACCURACY OF ANY LOCATIONS SHOWN.

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MISS DIG MUST BE CONTACTED PRIOR TO CONSTRUCTION TO LOCATE THESE UTILITIES.
The project is being accomplished by the Ann Arbor Downtown Development Authority (AADD) and is located in the City of Ann Arbor (City). The construction site is located at the intersection of State Street and Huron Street, approximately 300 feet west of the Ann Arbor City Hall and 100 feet east of the Michigan Union. This construction is being accomplished in accordance with副本dating of or coordination with the City of Ann Arbor Field Services. A curb/gutter area without plaques underneath is 7 feet.

The Contractor shall perform all work in accordance with the General Conditions of this contract. The Contractor shall perform all construction operations with all utilities, site drainage, landscaping, and other items designated to remain in place or be permitted to remain in place. Payment for construction of utilities is inclusive in "general conditions, man." Existing facilities not designated for removal or abandonment are not to be damaged by the Contractor. The work shall be protected or replaced by the Contractor at its sole expense. The Contractor is responsible for the proper installation and adequate maintenance of all utilities to be installed or replaced under this contract.

The existing utilities shown on these plans represent the best information available to the City and may be subject to change. The City reserves the right to replace these items with others and shall not be held liable for any work done by contractor in reliance on the existing utilities shown. The City reserves the right to make any changes in the plans and specifications and shall not be held liable for any damage, injury, or other losses caused by such changes.

The Contractor shall diligently protect all work from damage or injury to the existing water main during construction operations. Any damage to the City's facility by the Contractor's operation shall be repaired by the Contractor at its sole expense, as determined by the engineer. Payment for protection of the existing water main will not be paid for separately, but shall be included in the bid item of work "general conditions, man." The Contractor shall properly protect all existing watermain and water services in any other existing sanitary sewer or water main leads to ease of constructing other aspects of the work. Any injury to the Contractor that results from the City's actions while performing the work shall be protected and paid for by the City.

The construction covered by these plans shall conform to the City of Ann Arbor Standard Specifications and details and any other standard specifications and details entitled to City of Ann Arbor approval by reference. The statement of any current Standard Detail does not relieve the Contractor from the responsibility of observing the City of Ann Arbor Field Services. Providing the item of work "General Conditions." All work shall be properly performed according to the plans, specifications, and City of Ann Arbor Field Services requirements.

The Contractor shall be responsible for the continuous maintenance of temporary roadway surface and soil erosion control measures within the construction site until the full completion of the project. This work shall be included in the item of work "General Conditions." All work and existing utility items within the project area shall be fully protected for the duration of the construction effort. The Contractor shall be responsible for the continuous maintenance of temporary roadway surface and soil erosion control measures within the construction site until the full completion of the project. This work shall be included in the item of work "General Conditions." All work and existing utility items within the project area shall be fully protected for the duration of the construction effort.
# TOPOGRAPHIC SURVEY ASHLEY STREET

**ASHLEY STREET - CITY OF ANN ARBOR**

**SCALE**

- **DIMENSIONS**
  - Lat.: 41° 53' 38.23"
  - Long.: 83° 40' 31.76"

**BENCHMARK TABLE**

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**ALIGNMENT POINT TABLES**

**ASHLEY STREET**

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**MARK BOOK**

**SURVEY**

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**REV. NO.**

- **50% DESIGN**
  - 08-30-2019
- **90% DESIGN**
  - 11-01-2019
- **100% DESIGN**
  - 11-27-2019

**DATE**

- **DR.BY**
  - 08-30-2019
- **CH.BY**
  - 11-01-2019

**DESCRIPTION**

- **08-30-2019**
- **11-01-2019**
- **11-27-2019**

**811**

- **Know what's below.**
- **Call before you dig.**

---

No further details are visible in the image.
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**Notes:**
- Call 811 before you dig.
- This is a survey related to Ashley Street in the City of Ann Arbor.
ASHLEY STREET - CITY OF ANN ARBOR

BENCH MARK SURVEY

REV. NO. 2

DESCRIPTION

DR. BY DATE

CH. BY DATE

Call before you dig.

11-01-19 90% DESIGN
08-30-19 50% DESIGN
12-10-19 BID DOCUMENTS

TYPICAL CROSS SECTION SHEET 2

HOT MIX ASPHALT (HMA) APPLICATION CHART

MAX. THICK. 200

TYPICAL CROSS SECTION

EXISTING TYPICAL CROSS SECTION

PROPOSED TYPICAL CROSS SECTION
GENERAL NOTES:
1. WORK OF CURB AND DETAIL REMOVAL TO BE CONFIRMED BY ENGINEER PRIOR TO REMOVAL. TYPICALLY, CURB AND VALVE WILL BE REMOVED TO THE NEAREST JOINTER, WHICH IS TO BE SAW CUT FULL-DEPTH PRIOR TO REMOVAL.
2. THERE IS NO DEMOLITION WORK FROM KINGSLEY ST TO MILLER ST.
3. REMOVE CONCRETE PAVEMENT - ANY THICKNESS
4. REMOVE AND SALVAGE BRICK
5. REMOVE OR SALVAGE ITEM
6. REMOVE FENCE, CONCRETE CURB & GUTTER - ANY TYPE
7. APPROXIMATE LOCATION OF SURFACE VAULT
8. TYP.
9. MACHINER WORKING, GRADING, CONCRETE CURB & GUTTER, MOISTURIZED AERIAL, PAVEMENT, EDGING & DEBRIS, PAID FOR AS MACHINE GRADING, TYP.
10. REMOVE AND SALVAGE ITEM
11. PROTECTED ITEM
12. REMOVE FENCE, CONCRETE CURB & GUTTER - ANY TYPE
13. APPROXIMATE LOCATION OF SURFACE VAULT
14. TYP.

DEMOLITION PLAN 1
ASHLEY ST STREETSCAPE - CITY OF ANN ARBOR

BENCH MARK: SURVEY DESCRIPTOR: DATE

100% DESIGN: 11-27-2019
90% DESIGN: 11-01-2019
50% DESIGN: 08-30-2019

CALL 811 BEFORE YOU DIG

LEGEND
1. PROPERTY LINE, TYP.
2. ROW OF CURB LINE, TYP.
3. HORIZONTAL ALIGNMENT, TYP.
4. CURVATURE, TYP.
5. CLEARING - REMOVE LAWN / GRASS / SHRUB MASS / ORGANIC MATERIAL / STUMP / ROOT STRUCTURE / EDGING & DEBRIS, PAID FOR AS MACHINE GRADING, TYP.
6. REMOVE CONCRETE PAVEMENT - ANY THICKNESS
7. TYP.
8. MACHINER WORKING, GRADING, CONCRETE CURB & GUTTER, MOISTURIZED AERIAL, PAVEMENT, EDGING & DEBRIS, PAID FOR AS MACHINE GRADING, TYP.
9. REMOVE AND SALVAGE BRICK
10. REMOVE OR SALVAGE ITEM
11. PROTECTED ITEM
12. REMOVE FENCE, CONCRETE CURB & GUTTER - ANY TYPE
13. APPROXIMATE LOCATION OF SURFACE VAULT
14. TYP.

SCALE 1"=20'

ASHLEY STREET
GENERAL NOTES:

1. LIMIT OF CURB AND DETAIL REMOVAL TO BE CONFIRMED WITH ENGINEER PRIOR TO REMOVAL. TYPICALLY, CURB AND VALVES WILL BE REMOVED TO THE NEAREST JOINT, WHICH IS TO BE SAWS CUT FULL DEPTH PRIOR TO REMOVAL.

2. THERE IS NO DEMOLITION WORK FROM KINGSTON ST TO MILLER ST.

3. THERE IS NO DEMOLITION WORK FROM KINGSTON ST TO MILLER ST.

4. REMOVE CONCRETE PAVEMENT - ANY THICKNESS, TYP.

5. CLEARING - REMOVE LAWN / GRASS / SHRUB MASS / ORGANIC MATERIAL / STUMP / ROOT STRUCTURE, PAID FOR AS MACHINE GRAVING, TYP.

6. REMOVE AND SALVAGE BRICK, TYP.

7. REMOVE OR SALVAGE ITEM, TYP.

8. PROTECTED ITEM, TYP.

9. REMOVE FENCE, CONCRETE CURB & GUTTER - ANY TYPE, TYP.

10. APPROXIMATE LOCATION OF SURFACE VAULT, TYP.

11. KNOW WHAT'S BELOW. CALL BEFORE YOU DIG.
GENERAL NOTES:
1. WORK OF CURB AND DETAIL REMOVAL TO BE CONFIRMED WITH ENGINEER PRIOR TO REMOVAL. TYPICALLY, CURB AND VALLEYS WILL BE REMOVED TO THE NEAREST JOINT, WHICH IS TO BE SAW CUT FULL DEPTH PRIOR TO REMOVAL.
2. THERE IS NO DEMOLITION WORK FROM KINGSLEY ST TO MILLER ST.

1.EXTENT OF CURB AND DETAIL REMOVAL TO BE CONFIRMED WITH ENGINEER PRIOR TO REMOVAL. TYPICALLY, CURB AND WALK WILL BE REMOVED TO THE NEAREST JOINT, WHICH IS TO BE SAW CUT FULL DEPTH PRIOR TO REMOVAL.
THERE IS NO DEMOLITION WORK FROM KINGSLEY ST TO MILLER ST.

GENERAL NOTES:
1. WORK OF CURB AND DETAIL REMOVAL TO BE CONFIRMED WITH ENGINEER PRIOR TO REMOVAL. TYPICALLY, CURB AND VALLEYS WILL BE REMOVED TO THE NEAREST JOINT, WHICH IS TO BE SAW CUT FULL DEPTH PRIOR TO REMOVAL.
2. THERE IS NO DEMOLITION WORK FROM KINGSLEY ST TO MILLER ST.

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THERE IS NO DEMOLITION WORK FROM KINGSLEY ST TO MILLER ST.

GENERAL NOTES:
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THERE IS NO DEMOLITION WORK FROM KINGSLEY ST TO MILLER ST.

GENERAL NOTES:
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THERE IS NO DEMOLITION WORK FROM KINGSLEY ST TO MILLER ST.

GENERAL NOTES:
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2. THERE IS NO DEMOLITION WORK FROM KINGSLEY ST TO MILLER ST.

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THERE IS NO DEMOLITION WORK FROM KINGSLEY ST TO MILLER ST.
GENERAL NOTES:
1. WORKS OF LAND AND/or REMOVAL TO BE CONFIRMED WITH ENGINEER PRIOR TO REMOVAL. TYPICALLY, CURB AND WALK WILL BE REMOVED TO THE NEAREST JOINT, WHICH IS TO BE SAW CUT FULL DEPTH PRIOR TO REMOVAL.
2. THERE IS A CONNECTION POINT MARKED "ST" TO VALLE ST.

LEGEND
1. PROPERTY LINE, TYP.
2. ROOF OF UTILITIES, TYP.
3. PROPERTY LINE, TYP.
4. HORIZONTAL ALIGNMENT, TYP.
5. CLEARING - REMOVE LAWN / GRASS / SHRUB MASS / ORGANIC MATERIAL / STUMP / ROOT STRUCTURE / EDGING & DEBRIS, PAID FOR AS MACHINE GRADING, TYP.
6. REMOVE AND SALVAGE BRICK, TYP.
7. REMOVE OR SALVAGE ITEM, TYP.
8. PROTECTED ITEM, TYP.
9. REMOVE FENCE, CONCRETE CURB & GUTTER, ANY TYPE, TYP.
10. APPROXIMATE LOCATION OF SURFACE VAULT, TYP.

GENERAL NOTES:
1. EXTENT OF CURB AND DETAIL REMOVAL TO BE CONFIRMED WITH ENGINEER PRIOR TO REMOVAL. TYPICALLY, CURB AND WALK WILL BE REMOVED TO THE NEAREST JOINT, WHICH IS TO BE SAW CUT FULL DEPTH PRIOR TO REMOVAL.
2. THERE IS NO DEMOLITION WORK FROM KINGSLEY ST TO MILLER ST.
GENERAL NOTES:

1. FIELD CONFIRM LOCATION OF CURRENT ABOVEGROUND AND BELOWGROUND UTILITY LOCATIONS. ACURAC OF LOCATION OF LANDSCAPE & ELECTRICITY AS REQUIRED.

DESCRIPTIVE KEYED NOTES:

- RENAMED BY ENGINEER INTO MASTER SHEET 6 CONCRETE JOINT. COORDINATE WITH DEMOLITION PLANS FOR SAWCUT LOCATIONS.
- EXISTING LIGHT POLE TO REMAIN.
- VIBRACORE EXISTING CURB.
- MATCH CURB IN KEEP STREETSCAPE REDEVELOPMENT PROJECT. DETERMINED BY ENGINEER.
- REMOVE AND REINSTALL THE PAVERS.
- EXISTING POST TO REMAIN.

ALIGN EDGE OF PAVEMENT WITH NEAREST EXISTING CONCRETE JOINT. CALL BEFORE YOU DIG.

PROJECT NORTH

STREETSCAPE LAYOUT & MATERIALS

PLAN 1

SCALE 1" = 20'
Know what's below. Call before you dig.

Before you dig.

Call 811.

For information on curb and gutter types, refer to Street Layout and Materials Plan Sheets C.6.01 to C.6.07.

Proposed curb and gutter details are located on Sheet C.11.01 of the Plans.

For roadway typical cross sections refer to Sheets C.3.01 to C.3.02.

Notes:
ROAD CONSTRUCTION PLAN & PROFILE 2
STA 5+15 TO STA 11+15

1. FOR INFORMATION ON CURB AND GUTTER TYPES, REFER TO STREETSCAPE LAYOUT AND MATERIALS PLAN SHEETS C.6.01 TO C.6.07.

2. PROPOSED CURB AND GUTTER DETAILS ARE LOCATED ON SHEET C.11.01 OF THE PLANS.

3. FOR ROADWAY TYPICAL CROSS SECTIONS REFER TO SHEETS C.3.01 TO C.3.02.

NOTES:

---

MATCHLINE, SHEET C.7.02
MATCHLINE, SHEET C.7.01
MATCHLINE, SHEET C.7.03
Know what’s below. Call before you dig.

**Legend:**
- **Trenches:**
- **Cut:**
- **Fill:**
- **Excavation:**
- **Retaining Walls:**
- **Drives:**
- **Hardscapes:**
- **Curb & Gutter:**
- **Pavement:**
- **Driveway:**
- **Sidewalk:**
- **Sewer:**
- **Manholes:**
- **Fencing:**

**Notes:**
1. For information on curb and gutter types, refer to Street Scape Layout and Materials Plan sheets C.6.01 to C.6.07.
2. Proposed curb and gutter details are located on sheet C.11.01 of the plans.
3. For roadway typical cross sections refer to sheets C.3.01 to C.3.02.

**Road Construction Plan & Profile 3**

**STA 11+15 to STA 17+15**

**BM ELEV. BENCHMARK DESCRIPTION**

- BM 0: 820
- BM 5: 835

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**Scale:** 1" = 20'
1. For information on curb and gutter types, refer to Streetscape Layout and Materials Plan Sheets C.6.01 to C.6.07.
2. Proposed curb and gutter details are located on Sheet C.11.01 of the plans.
3. For roadway typical cross sections, refer to Sheets C.3.01 to C.3.02.
### Notes:

1. For information on curb and gutter types, refer to Street Layout and Materials Plan Sheets C.6.01 to C.6.07.
2. Proposed curb and gutter details are located on Sheet C.11.01 of the Plans.
3. For roadway typical cross sections, refer to Sheets C.3.01 to C.3.02.
1. FOR INFORMATION ON CURB AND GUTTER TYPES, REFER TO STREETSCAPE LAYOUT AND MATERIALS PLAN SHEETS C.6.01 TO C.6.07.

2. PROPOSED CURB AND GUTTER DETAILS ARE LOCATED ON SHEET C.11.01 OF THE PLANS.

3. FOR ROADWAY TYPICAL CROSS SECTIONS REFER TO SHEETS C.3.01 TO C.3.02.

NOTES:
1. For information on curb and gutter types, refer to Street Layout and Materials Plan Sheets C.6.01 to C.6.07.

2. Proposed curb and gutter details are located on Sheet C.11.01 of the plans.

3. For roadway typical cross sections, refer to Sheets C.3.01 to C.3.02.

NOTES:
Know what's below. Call before you dig.

Below are the details of the proposed water main improvement project.

**Removal Key**

**Description**

- **KEY**
  - **DESCRIPTION**

**Ashley St Water Main Quantities** - For BID Process Only

**Water Main Structure Table**

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**Overview**

- **Between Washington & Liberty**
- **Plan and Profile**
- **Design Details**
- **Survey Information**

---

**Notes:**

- All line items are depicted on the drawing only.
- All water mains to be constructed per City of Ann Arbor Standards.
- All contracts shall have reference per City of Ann Arbor Standards.

---

**Contact:**

- Liberty St.
- Washington St.
- Ashley St.

---

**Scale:**

- 1" = 20'

---

**Date Points:**

- 11-01-90 Design
- 08-30-90 50% Design
- 12-10-90 BID Documents
ASHELY ST STREETSCAPE - CITY OF ANN ARBOR

SIGNAGE AND STRIPING PLAN 1

1" = 20'

Legend:

- Pavement in solid yellow, typ.
- Pavement in solid white, typ.
- Pavement only cold plastic, typ.
- Pavement only cold plastic, thru-turn arrow.
- Pavement only cold plastic, turn arrow, typ.
- Pavement only cold plastic thru-turn arrow, typ.
- Pavement only cold plastic, turn arrow, typ.
- Pavement only cold plastic, thru-turn arrow, typ.

ASHLEY STREET
KINGSLEY ST.

MATCHLINE, SHEET C.10.01
MATCHLINE, SHEET C.10.02

PAVT MRKG 4 IN SOLID YELLOW, TYP.
PAVT MRKG 4 IN SOLID WHITE, TYP.
PAVT MRKG OVLY COLD PLASTIC BIKE SYM., TYP.
PAVT MRKG OVLY COLD PLASTIC THRU-TURN ARROW SYM., TYP.
PAVT MRKG 12 INCH STOP BAR OR CROSSWALK, TYP.
PAVT MRKG 18 INCH STOP BAR, TYP.

1" = 20'

PROJECT NORTH

Know what's below. Call before you dig.
Knowledge of underground utilities before you dig.

- Call 811 to locate utilities.
- Pay attention to signs and symbols.
- Follow the rules for digging in this area.
TRAFFIC SIGNAL POLE FOUNDATION DETAIL

TRAFFIC SIGNAL AND STREET LIGHT

HANDHOLE DETAIL