

## **ADDENDUM No. 2**

**ITB No. 4470**

### **Plymouth Road and Green Road Water Main Replacement**

**Due: March 2, 2017 at 2:00 P.M. (Local Time)**

The following changes, additions, and/or deletions shall be made to the Invitation to Bid for **Plymouth Road and Green Road Water Main Replacement, ITB No. 4470**, on which proposals will be received on/or before March 2, 2017, by 2:00 P.M. (Local Time).

The information contained herein shall take precedence over the original documents and all previous addenda (if any), and is appended thereto. **This Addendum includes 43 page(s) and 12 drawing(s).**

**Bidder is to acknowledge receipt of this Addendum No. 2, including all attachments (if any) in its Bid by so indicating on pages 1 and 2 of the Invitation to Bid Form. Bids submitted without acknowledgement of receipt of this addendum will be considered nonconforming.**

The following forms provided within the ITB Document must be included in submitted bids at bid opening.

- **City of Ann Arbor Prevailing Wage Declaration of Compliance**
- **City of Ann Arbor Living Wage Ordinance Declaration of Compliance**
- **Vendor Conflict of Interest Disclosure Form**
- **City of Ann Arbor Non-Discrimination Ordinance Declaration of Compliance**

*Bids that fail to provide these completed forms listed above upon bid opening will be rejected as non-responsive and will not be considered for award.*

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## I. CORRECTIONS/ADDITIONS/DELETIONS

Changes to the Bid documents which are outlined below are referenced to a page or Section in which they appear conspicuously. The Bidder is to take note in its review of the documents and include these changes as they may affect work or details in other areas not specifically referenced here.

| <u>Section/Page(s)</u>  | <u>Change</u>   |
|---|---|
| BF-1, BF-2 & BF-3   | <p>These pages shall be removed and replaced by BF-1, BF-2 and BF-3, which are attached below. The significant changes to these pages include the following:</p> <p>Quantities associated with pavement removal and replacement have been adjusted.</p> <p>Item No. 250 was a duplicate pay item and has been removed.</p> <p>The unit associated with Item No. 215 has been revised.</p> |
| Plans Sheets 5 & 6  | <p>These plan sheets shall be removed and replaced with the attached plans sheets No. 5 and 6. The significant changes to these plans sheets include the following:</p> <p>The 12-inch sand subbase, CIP is revised to consist of MDOT Granular Material Class II.</p>  |
| Plans Sheets 25, 26, 27,<br>28, 29, 32,<br>33, 34, 35<br>& 36 | <p>These plan sheets shall be removed and replaced with the attached plans sheets No. 25, 26, 27, 28, 29, 32, 33, 34, 35 and 36. The significant changes to these plans sheets include the following:</p> <p>Plymouth Road Maintenance of Traffic Plans have been modified for Stages 1B and 2 to provide two lanes for westbound traffic.</p>  |

Respondents are directed to take note in its review of the documents of the following questions and City responses as they affect work or details in other areas not specifically referenced here.

## II. QUESTIONS AND ANSWERS

The following Questions have been received by the City. Responses are being provided in accordance with the terms of the ITB.

**Question #1:** Can the prevailing wage rates that apply to this contract be provided?

**Answer:** Yes, the prevailing wage rates that apply to this project are attached to this Addendum.

**Question #2:** Will the Pre-bid Meeting sign in sheet be made available?

**Answer:** Yes, the Pre Bid Meeting notes and sign-in sheet are attached to this Addendum.

Bidders are responsible for any conclusions that they may draw from the information contained in the Addendum.

# BID FORM

## Section 1 – Schedule of Prices

Company: \_\_\_\_\_

Project: **Plymouth Road and Green Road Water Main Replacement**

### Unit Price Bid –

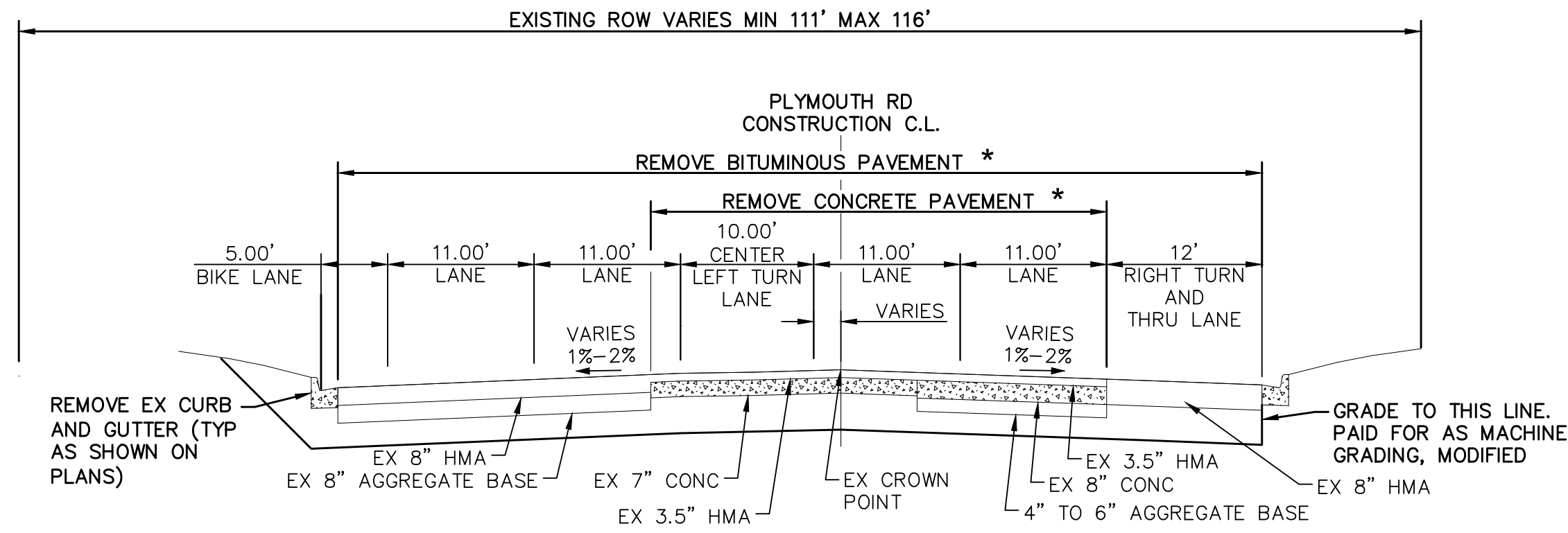
| <u>Item</u> | <u>Description</u>  | <u>Unit</u> | <u>Estimated<br/>Quantity</u> | <u>Unit Price</u> | <u>Total Cost</u> |
|-------------|---|-------------|-------------------------------|-------------------|-------------------|
| 130         | Protective Fencing  | FT          | 50                            | \$ _____          | \$ _____          |
| 140         | Exploratory Excavations (0-10 deep) Tr Det 1                      | Each        | 5                             | \$ _____          | \$ _____          |
| 201         | Project Supervision, Max  | LS          | 1                             | \$ _____          | \$ _____          |
| 202         | General Conditions, Max   | LS          | 1                             | \$ _____          | \$ _____          |
| 203         | Minor Traffic Control, Max  | LS          | 1                             | \$ _____          | \$ _____          |
| 204         | Audiovisual Tape Coverage   | LS          | 1                             | \$ _____          | \$ _____          |
| 205         | Curb, Gutter, and Curb and Gutter, Any Type, Rem                  | LF          | 591                           | \$ _____          | \$ _____          |
| 206         | Sidewalk, Sidewalk Ramp and Driveway Approach, Any Thickness, Rem | SF          | 1136                          | \$ _____          | \$ _____          |
| 207         | Machine Grading , Modified  | SYD         | 7850                          | \$ _____          | \$ _____          |
| 208         | Subgrade Undercutting   | CYD         | 2500                          | \$ _____          | \$ _____          |
| 209         | Erosion Control, Inlet Filter                                     | EA          | 12                            | \$ _____          | \$ _____          |
| 210         | Erosion Control, Silt Fence                                       | FT          | 500                           | \$ _____          | \$ _____          |
| 211         | Water Main, Team Insert Valve, 12 inch                            | EA          | 3                             | \$ _____          | \$ _____          |
| 212         | Temporary 14" Water Main Line Stop                                | EA          | 1                             | \$ _____          | \$ _____          |
| 213         | Temporary 16" Water Main Line Stop                                | EA          | 1                             | \$ _____          | \$ _____          |
| 214         | Water Main, Abandon   | FT          | 1225                          | \$ _____          | \$ _____          |
| 215         | Fire Hydrant, Rem   | EA          | 1                             | \$ _____          | \$ _____          |
| 216         | Gate Valve-in-Well Abandonment                                    | EA          | 9                             | \$ _____          | \$ _____          |
| 217         | Gate Valve-in-Box Abandonment                                     | EA          | 1                             | \$ _____          | \$ _____          |
| 218         | Adjust Structure Cover  | EA          | 8                             | \$ _____          | \$ _____          |
| 219         | Underdrain, Subgrade, 6 inch, Special                             | FT          | 591                           | \$ _____          | \$ _____          |
| 220         | HMA Pavement Base Course 3E10                                     | TON         | 1510                          | \$ _____          | \$ _____          |
| 221         | HMA Pavement Leveling Course 4E10 High Stress                     | TON         | 865                           | \$ _____          | \$ _____          |
| 222         | HMA Pavement Wearing Course 5E10 High Stress                      | TON         | 650                           | \$ _____          | \$ _____          |
| 223         | Curb and Gutter, Conc.  | FT          | 591                           | \$ _____          | \$ _____          |
| 224         | Sidewalk, Conc, 4 inch, Modified                                  | SF          | 554                           | \$ _____          | \$ _____          |
| 225         | Sidewalk Ramp, Conc, 6 inch, Modified                             | SF          | 582                           | \$ _____          | \$ _____          |
| 226         | Detectable Warning Surface, Modified                              | SF          | 100                           | \$ _____          | \$ _____          |
| 227         | Slope Restoration   | SYD         | 322                           | \$ _____          | \$ _____          |

|     |   |     |       |          |          |
|-----|---|-----|-------|----------|----------|
| 228 | Aggregate Base 21AA-C.I.P                                     | CY  | 1745  |          |          |
| 229 | Sand Subbase CI II-C.I.P                                      | CY  | 2620  | \$ _____ | \$ _____ |
| 230 | Rem Spec Mrkg   | SF  | 560   | \$ _____ | \$ _____ |
| 231 | Pavt Mrkg, Longit, 6 inch or Less Width, Rem                  | FT  | 10008 | \$ _____ | \$ _____ |
| 232 | Pavt Mrkg, Longit, Greater than 6 inch Width, Rem             | FT  | 48    | \$ _____ | \$ _____ |
| 233 | Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp  | FT  | 7360  | \$ _____ | \$ _____ |
| 234 | Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp | FT  | 11725 | \$ _____ | \$ _____ |
| 235 | Sign Cover  | EA  | 10    | \$ _____ | \$ _____ |
| 236 | Barricade, Type III, High Intensity, Lighted, Furn            | EA  | 15    | \$ _____ | \$ _____ |
| 237 | Barricade, Type III, High Intensity, Lighted, Oper            | EA  | 15    | \$ _____ | \$ _____ |
| 238 | Lighted Arrow, Type C, Furn                                   | EA  | 4     | \$ _____ | \$ _____ |
| 239 | Lighted Arrow, Type C, Oper                                   | EA  | 4     | \$ _____ | \$ _____ |
| 240 | Plastic Drum, High Intensity, Furn                            | EA  | 460   | \$ _____ | \$ _____ |
| 241 | Plastic Drum, High Intensity, Oper                            | EA  | 460   | \$ _____ | \$ _____ |
| 242 | Sign, Portable, Changeable Message, Furn                      | EA  | 4     | \$ _____ | \$ _____ |
| 243 | Sign, Portable, Changeable Message, Oper                      | EA  | 4     | \$ _____ | \$ _____ |
| 244 | Sign, Type B, Temp, Prismatic, Furn                           | SF  | 1500  | \$ _____ | \$ _____ |
| 245 | Sign, Type B, Temp, Prismatic, Oper                           | SF  | 1500  | \$ _____ | \$ _____ |
| 246 | Sign, Type B, Temp, Prismatic, Special, Furn                  | SF  | 175   | \$ _____ | \$ _____ |
| 247 | Sign, Type B, Temp, Prismatic, Special, Furn                  | SF  | 175   | \$ _____ | \$ _____ |
| 248 | Witness, Log, Layout, \$1,000.00                              | Dir | 1     | \$ _____ | \$ _____ |
| 249 | Traf Regulator Control  | LS  | 1     | \$ _____ | \$ _____ |
| 251 | Pedestrian Type II Barricade, Temp, Furn & Oper               | EA  | 5     | \$ _____ | \$ _____ |
| 252 | Pedestrian Type II Channelizer, Temp                          | FT  | 161   | \$ _____ | \$ _____ |
| 253 | Pedestrian Path, Temp   | FT  | 328   | \$ _____ | \$ _____ |
| 254 | Pedestrian Ramp, Temp   | EA  | 8     | \$ _____ | \$ _____ |
| 255 | Pavt Mrkg Hot-Applied Thermoplastic 4 inch White              | FT  | 2523  | \$ _____ | \$ _____ |
| 256 | Pavt Mrkg Hot-Applied Thermoplastic 4 inch Yellow             | FT  | 4133  | \$ _____ | \$ _____ |
| 257 | Pavt Mrkg Hot-Applied Thermoplastic 6 inch White              | FT  | 1055  | \$ _____ | \$ _____ |
| 258 | Pavt Mrkg Hot-Applied Thermoplastic 8 inch White              | FT  | 55    | \$ _____ | \$ _____ |
| 259 | Cold Plastic Pavement Marking, White Bike Arrow               | EA  | 1     | \$ _____ | \$ _____ |
| 260 | Cold Plastic Pavement Marking, White Bike Symbol              | EA  | 1     | \$ _____ | \$ _____ |
| 261 | Cold Plastic Pavement Marking, White L Arrow                  | EA  | 5     | \$ _____ | \$ _____ |
| 262 | Cold Plastic Pavement Marking, White R Arrow                  | EA  | 4     | \$ _____ | \$ _____ |
| 263 | Cold Plastic Pavement Marking, White Thru Arrow               | EA  | 2     | \$ _____ | \$ _____ |
| 264 | Pavt Mrkg, Ovly Cold Plastic, 4 inch, White                   | FT  | 36    | \$ _____ | \$ _____ |
| 265 | Pavt Mrkg, Ovly Cold Plastic, 12 inch, Yellow                 | FT  | 131   | \$ _____ | \$ _____ |
| 266 | Pavt Mrkg, Ovly Cold Plastic, 12 inch, Crosswalk              | FT  | 960   | \$ _____ | \$ _____ |
| 267 | Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar               | FT  | 183   | \$ _____ | \$ _____ |
| 268 | Recessing Pavt Mrkg, Transv                                   | SF  | 100   | \$ _____ | \$ _____ |
| 269 | Recessing Pavt Mrkg, Turning Guide Line                       | SF  | 9     | \$ _____ | \$ _____ |

|     |  |     |      |          |          |
|-----|--|-----|------|----------|----------|
| 270 | Handhole Assembly, 17" x 30"                       | EA  | 1    | \$ _____ | \$ _____ |
| 271 | Handhole Assembly, 24" x 36"                       | EA  | 3    | \$ _____ | \$ _____ |
| 272 | Structure Cover, Type B                            | LBS | 1440 | \$ _____ | \$ _____ |
| 401 | Class 50 W/Poly-Wrap 6 inch SD-TD-1                | FT  | 3    | \$ _____ | \$ _____ |
| 402 | Class 50 W/Poly-Wrap 8 inch SD-TD-1                | FT  | 6    | \$ _____ | \$ _____ |
| 403 | Class 50 W/Poly-Wrap 12 inch SD-TD-1               | FT  | 137  | \$ _____ | \$ _____ |
| 404 | Class 50 W/Poly-Wrap 16 inch SD-TD-1               | FT  | 911  | \$ _____ | \$ _____ |
| 405 | DIP 12" 45 Degree Bend                             | EA  | 6    | \$ _____ | \$ _____ |
| 406 | DIP 16" 22.5 Degree Bend                           | EA  | 1    | \$ _____ | \$ _____ |
| 407 | DIP 16" 90 Degree Bend                             | EA  | 1    | \$ _____ | \$ _____ |
| 408 | DIP 6" x 8" Reducer                                | EA  | 1    | \$ _____ | \$ _____ |
| 409 | DIP 14" x 16" Reducer                              | EA  | 1    | \$ _____ | \$ _____ |
| 410 | DIP 16" x 16" x 6" Tee                             | EA  | 1    | \$ _____ | \$ _____ |
| 411 | DIP 12" x 12" x 12" Tee                            | EA  | 1    | \$ _____ | \$ _____ |
| 412 | DIP 16" x 16" x 12" Tee                            | EA  | 2    | \$ _____ | \$ _____ |
| 413 | DIP 16" x 16" x 14" Tee                            | EA  | 1    | \$ _____ | \$ _____ |
| 414 | DIP 16" x 16" x 16" Tee                            | EA  | 2    | \$ _____ | \$ _____ |
| 415 | DIP 16" x 16" x 16" Cross                          | EA  | 1    | \$ _____ | \$ _____ |
| 416 | Fire Hydrant Assembly                              | EA  | 1    | \$ _____ | \$ _____ |
| 417 | Gate Valve-in-Box, 12 inch                         | EA  | 5    | \$ _____ | \$ _____ |
| 418 | Gate Valve-in-Well 16 inch                         | EA  | 4    | \$ _____ | \$ _____ |
| 419 | Water Main, Tie-in                                 | EA  | 7    | \$ _____ | \$ _____ |
| 420 | 2 inch Copper Water Service, Bored                 | FT  | 75   | \$ _____ | \$ _____ |
| 421 | Water Main, CIPP Lining, 8 inch                    | FT  | 128  | \$ _____ | \$ _____ |
| 422 | Water Main, CIPP Lining, 12 inch                   | FT  | 1436 | \$ _____ | \$ _____ |
| 423 | Temporary Water Main, 2 inch                       | FT  | 700  | \$ _____ | \$ _____ |
| 460 | Excavate and Backfill for Water Services and Leads | FT  | 65   | \$ _____ | \$ _____ |
| 613 | 3 inch Schedule 80 PVC Conduit                     | FT  | 525  | \$ _____ | \$ _____ |
| 891 | Cleanup & Restoration                              | LS  | 1    | \$ _____ | \$ _____ |

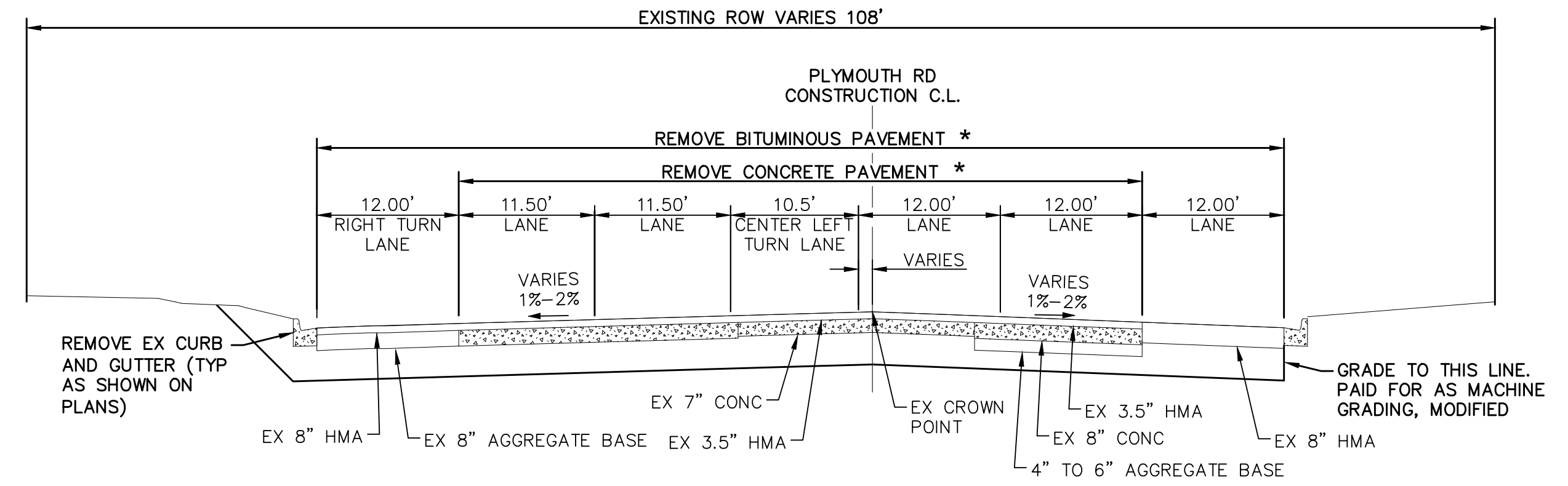
**ESTIMATED TOTAL**

**\$ \_\_\_\_\_**



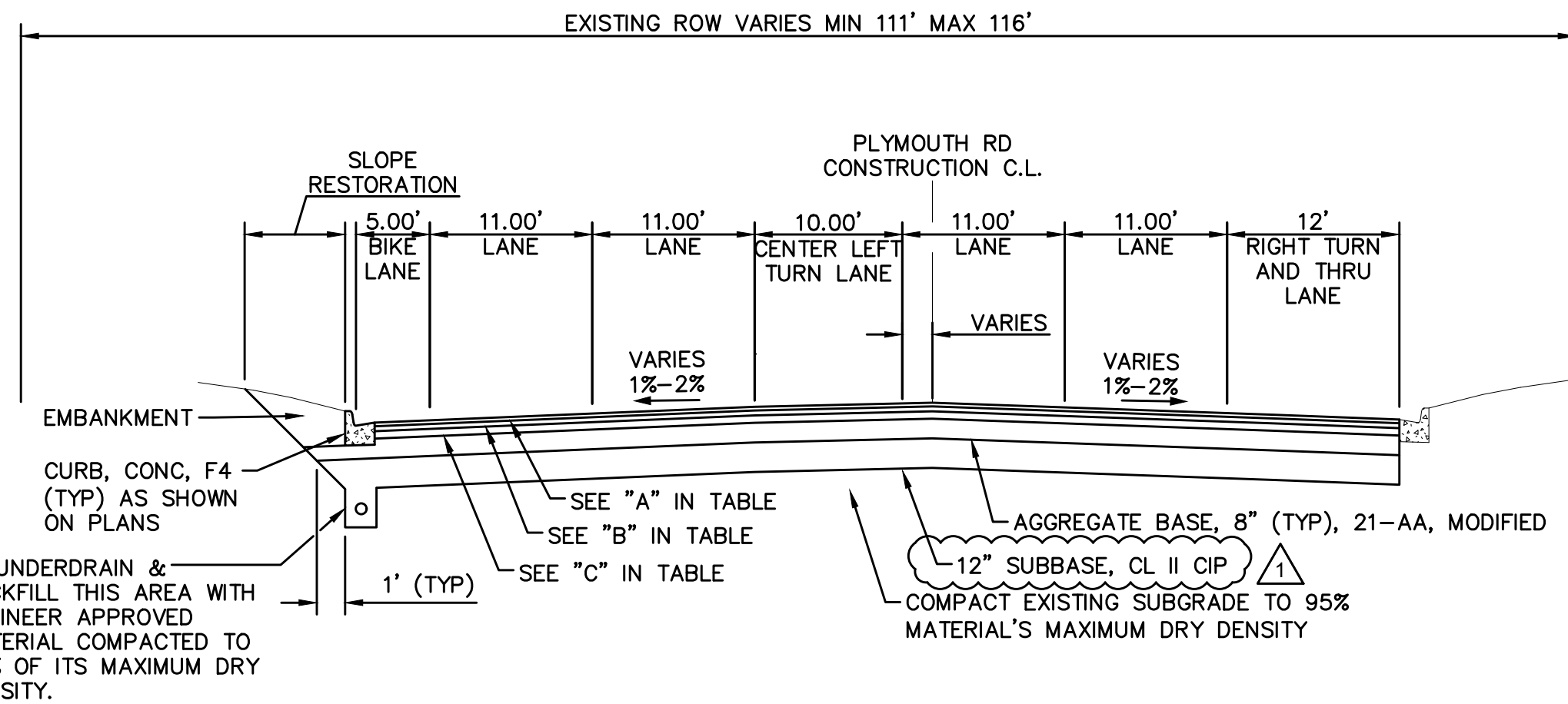
**EXISTING PLYMOUTH ROAD SECTION**

SECTION APPLIES TO:  
STA 48+80.28 TO STA 49+50.00



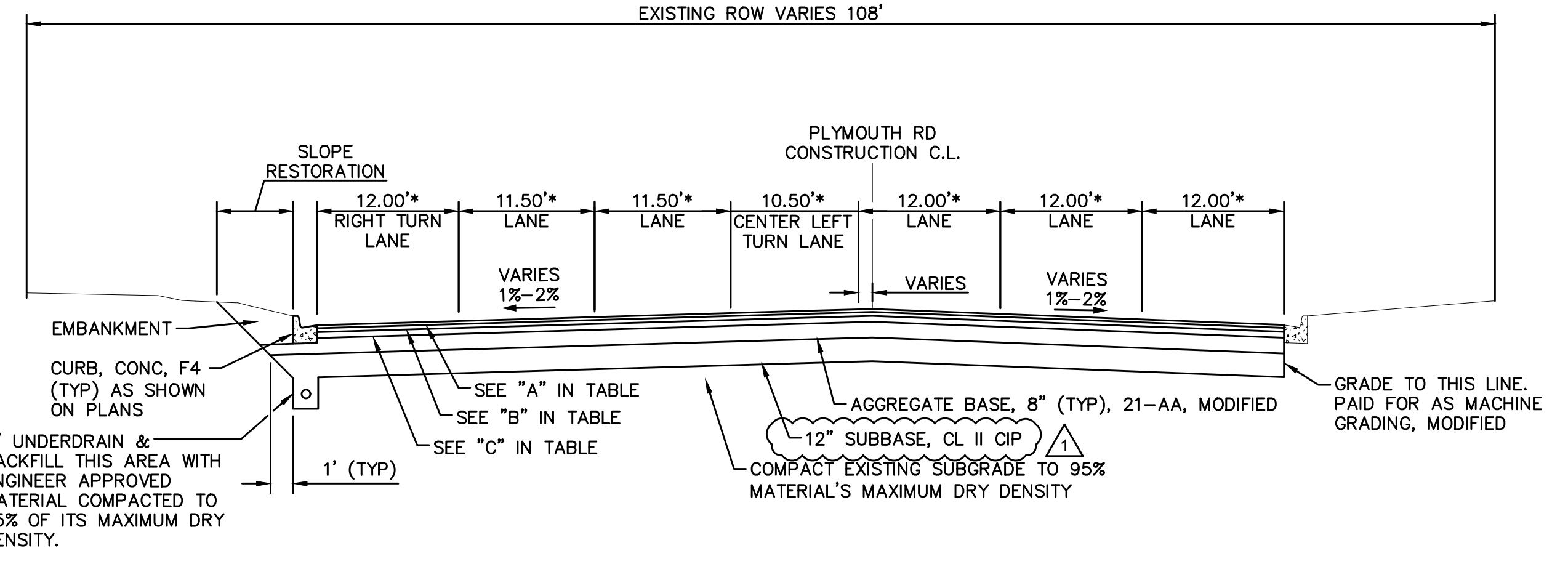
**EXISTING PLYMOUTH ROAD SECTION**

SECTION APPLIES TO:  
STA 49+50.00 TO STA 51+90.40



**PROPOSED PLYMOUTH ROAD SECTION**

SECTION APPLIES TO:  
STA 48+80.28 TO STA 49+50.00



**PROPOSED PLYMOUTH ROAD SECTION**

SECTION APPLIES TO:  
STA 49+50.00 TO STA 51+90.40  
\* TRANSITION FROM 49+50 TO 51+00

| ITEM | MIX                        | RATE OF APPLICATION | PERFORMANCE GRADE |  |
|------|----------------------------|---------------------|-------------------|--|
| A    | HMA, APPROACH, HIGH STRESS | 165                 | PG 70-28P         | USE HMA 5E10, HIGH STRESS (WEARING COURSE) (AWI=260) |
| B    | HMA, APPROACH, HIGH STRESS | 220                 | PG 70-28P         | USE HMA 4E10, HIGH STRESS (LEVELING COURSE)          |
| C    | HMA, APPROACH              | 385                 | PG 58-22          | USE HMA 3E10, (BASE COURSE)                          |

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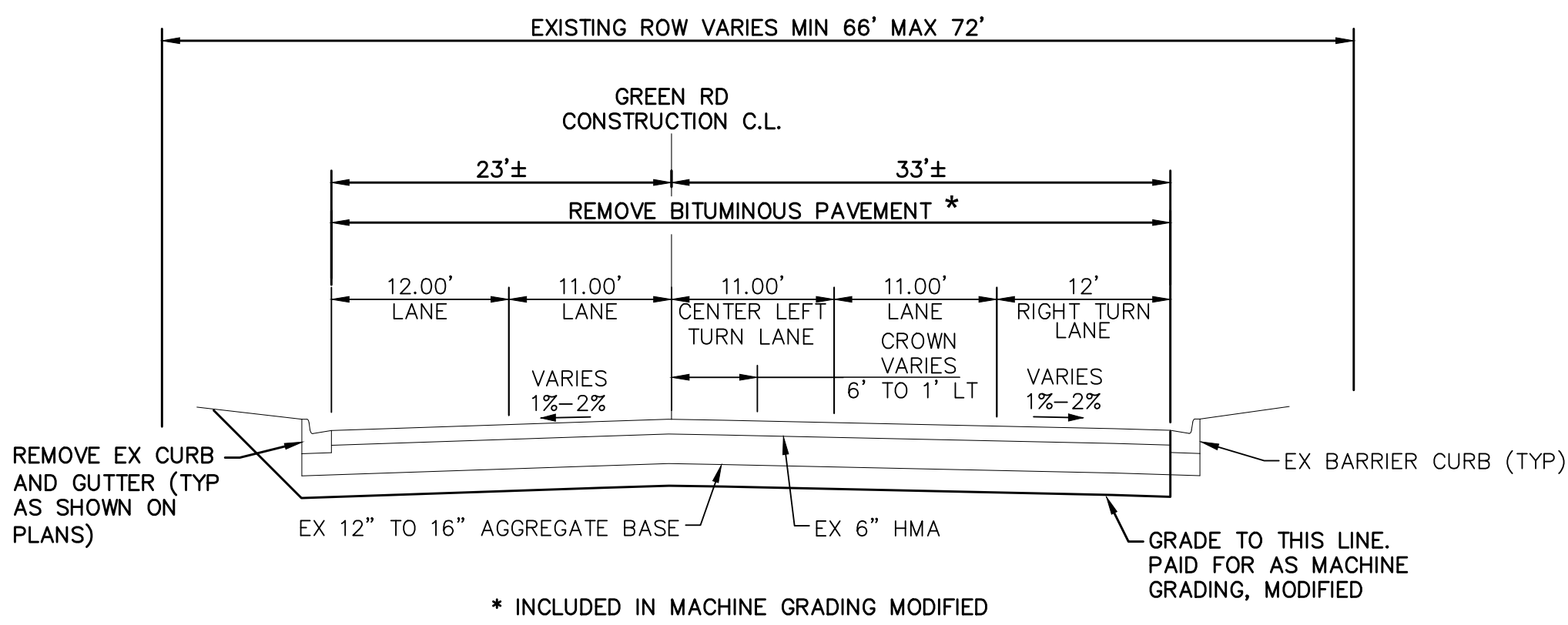
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| MARK | DATE    | DESCRIPTION |
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| 1    | 2/22/17 | ADDENDUM #2 |

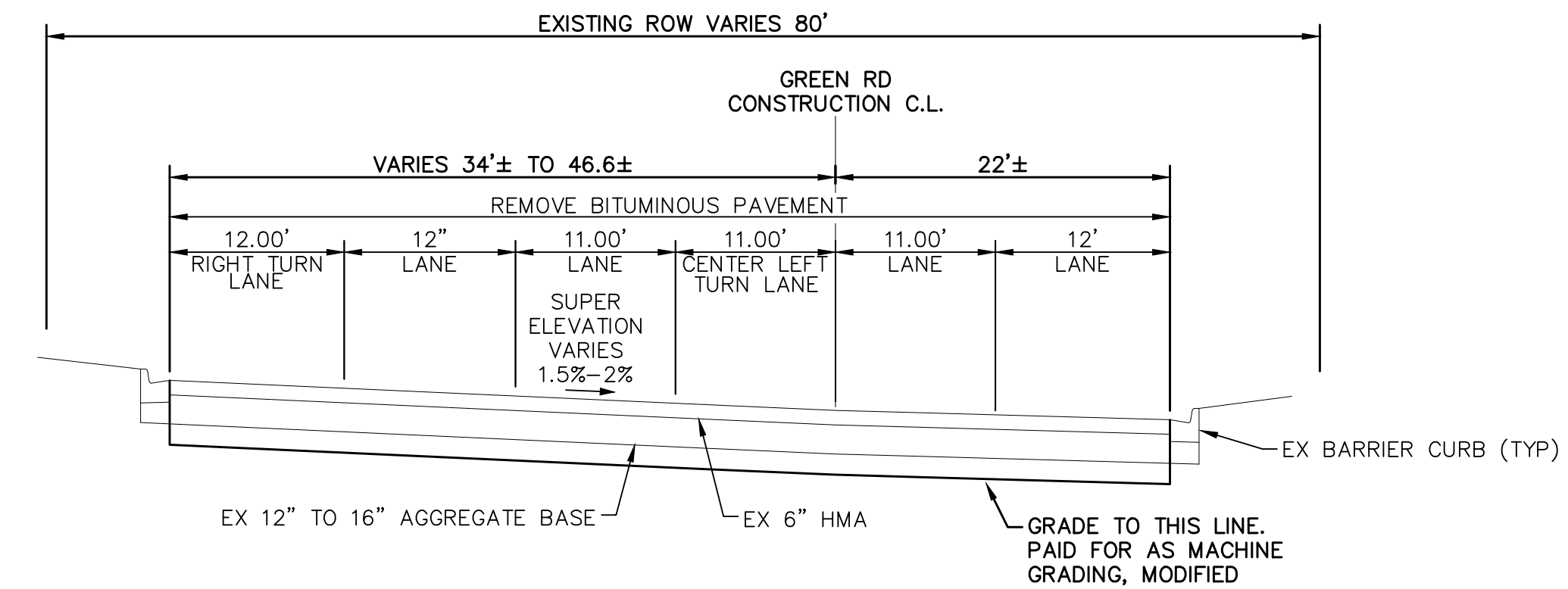
CITY OF ANN ARBOR  
PUBLIC WORKS  
PLYMOUTH ROAD AND GREEN ROAD  
WATER MAIN REPLACEMENT  
TYPICAL SECTIONS  
PLYMOUTH ROAD

Project No.: 200-31537-16003  
Designed By: A. BICKLEY  
Drawn By: A. BICKLEY  
Checked By:



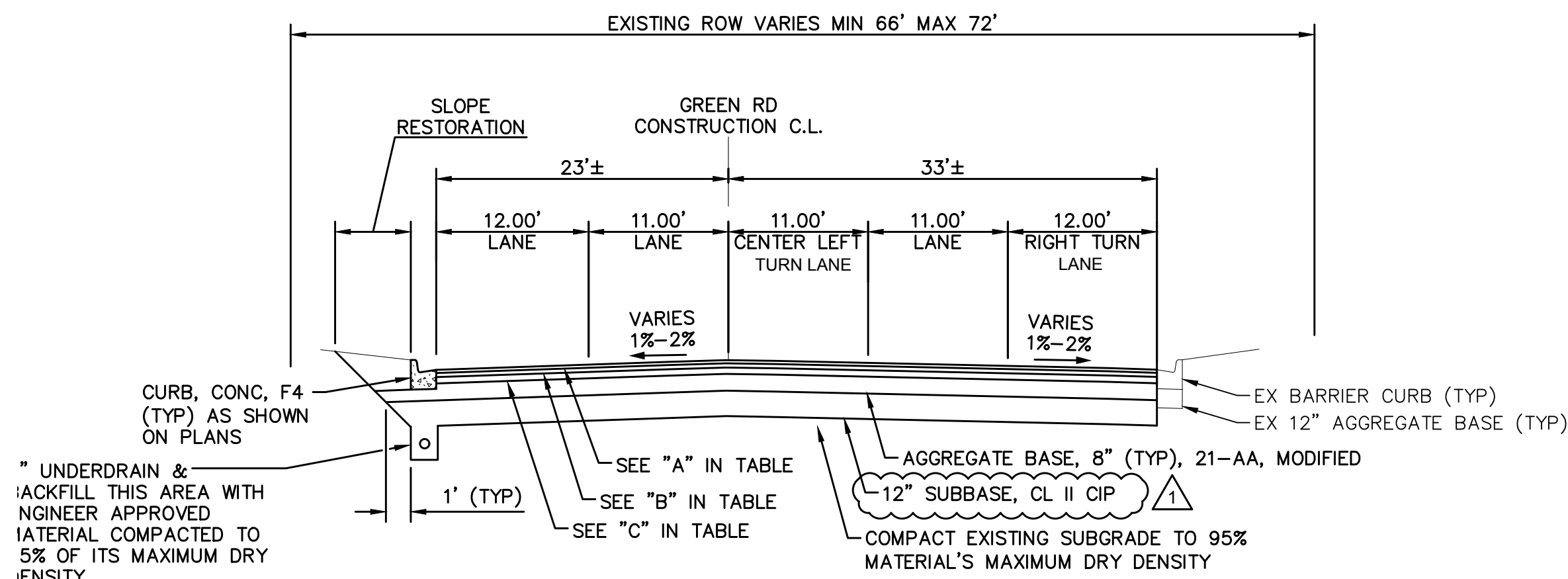
**EXISTING GREEN ROAD SECTION**

SECTION APPLIES TO:  
STA 60+18.36 TO STA 61+28.53



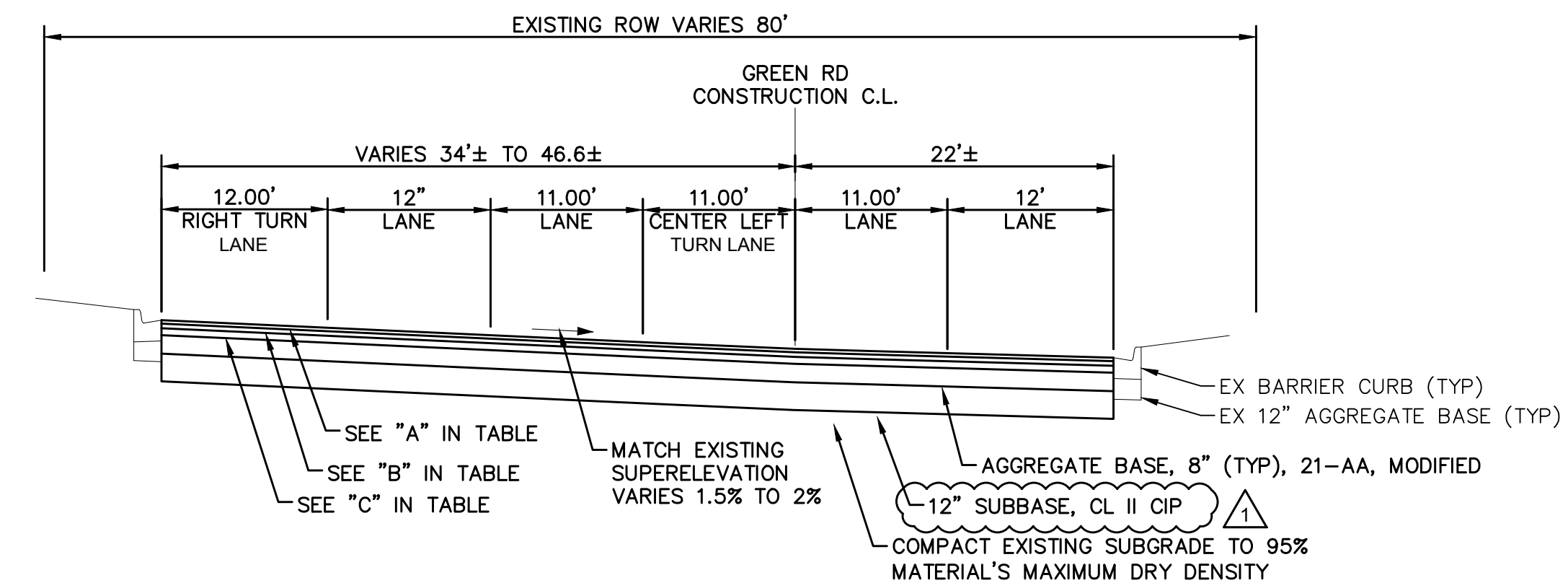
**EXISTING GREEN ROAD SECTION**

SECTION APPLIES TO:  
STA 62+83.30 TO STA 66+58.41



**PROPOSED GREEN ROAD SECTION**

SECTION APPLIES TO:  
STA 60+18.36 TO STA 61+28.53

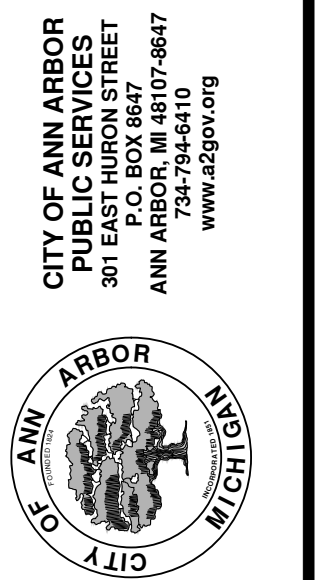
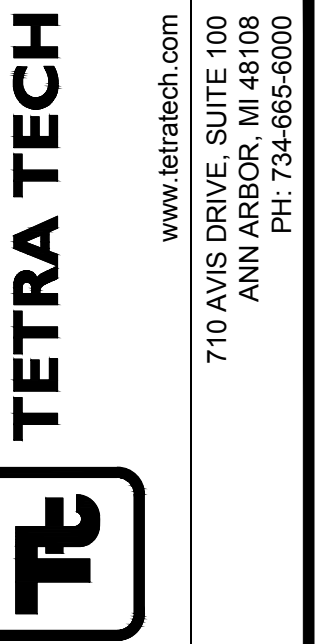


**PROPOSED GREEN ROAD SECTION**

SECTION APPLIES TO:  
STA 62+83.30 TO STA 66+58.41

| HMA APPLICATION ESTIMATE |                            |                     |                   |  |
|--------------------------|----------------------------|---------------------|-------------------|--|
| ITEM                     | MIX                        | RATE OF APPLICATION | PERFORMANCE GRADE |  |
| A                        | HMA, APPROACH, HIGH STRESS | 165                 | PG 70-28P         | USE HMA 5E10, HIGH STRESS (WEARING COURSE) (AWI=260) |
| B                        | HMA, APPROACH, HIGH STRESS | 220                 | PG 70-28P         | USE HMA 4E10, HIGH STRESS (LEVELING COURSE)          |
| C                        | HMA, APPROACH              | 385                 | PG 58-22          | USE HMA 3E10, (BASE COURSE)                          |

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| MARK | DATE    | DESCRIPTION | BY |
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| 1    | 2/22/17 | ADDENDUM #2 |    |

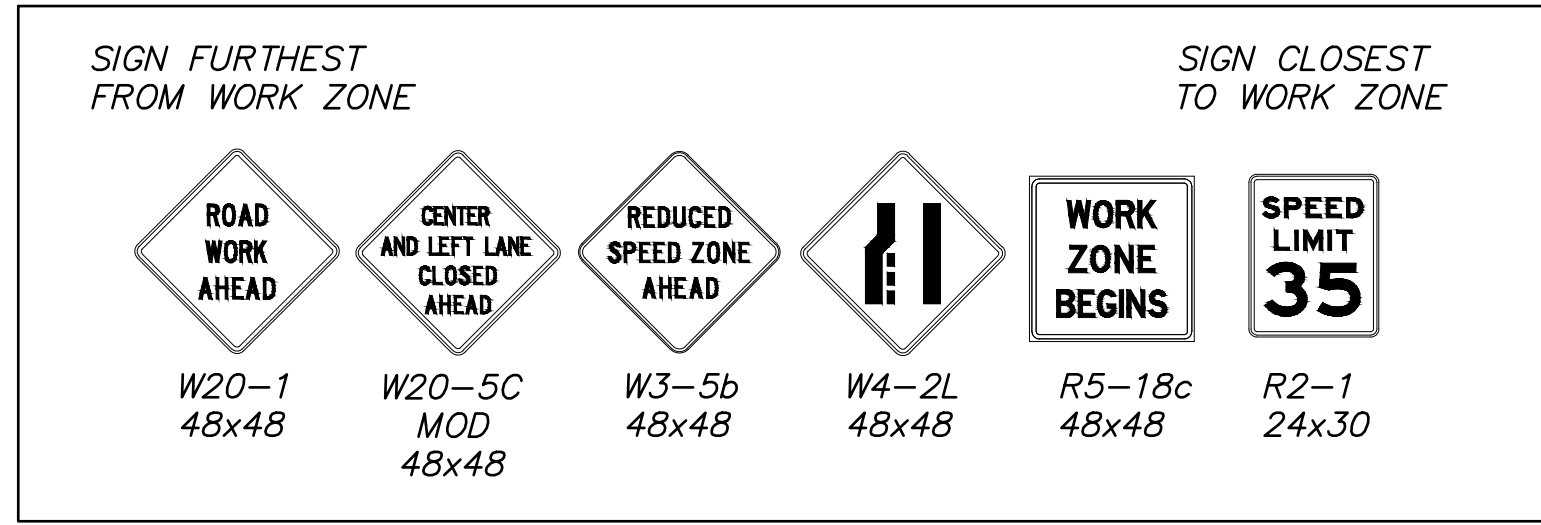
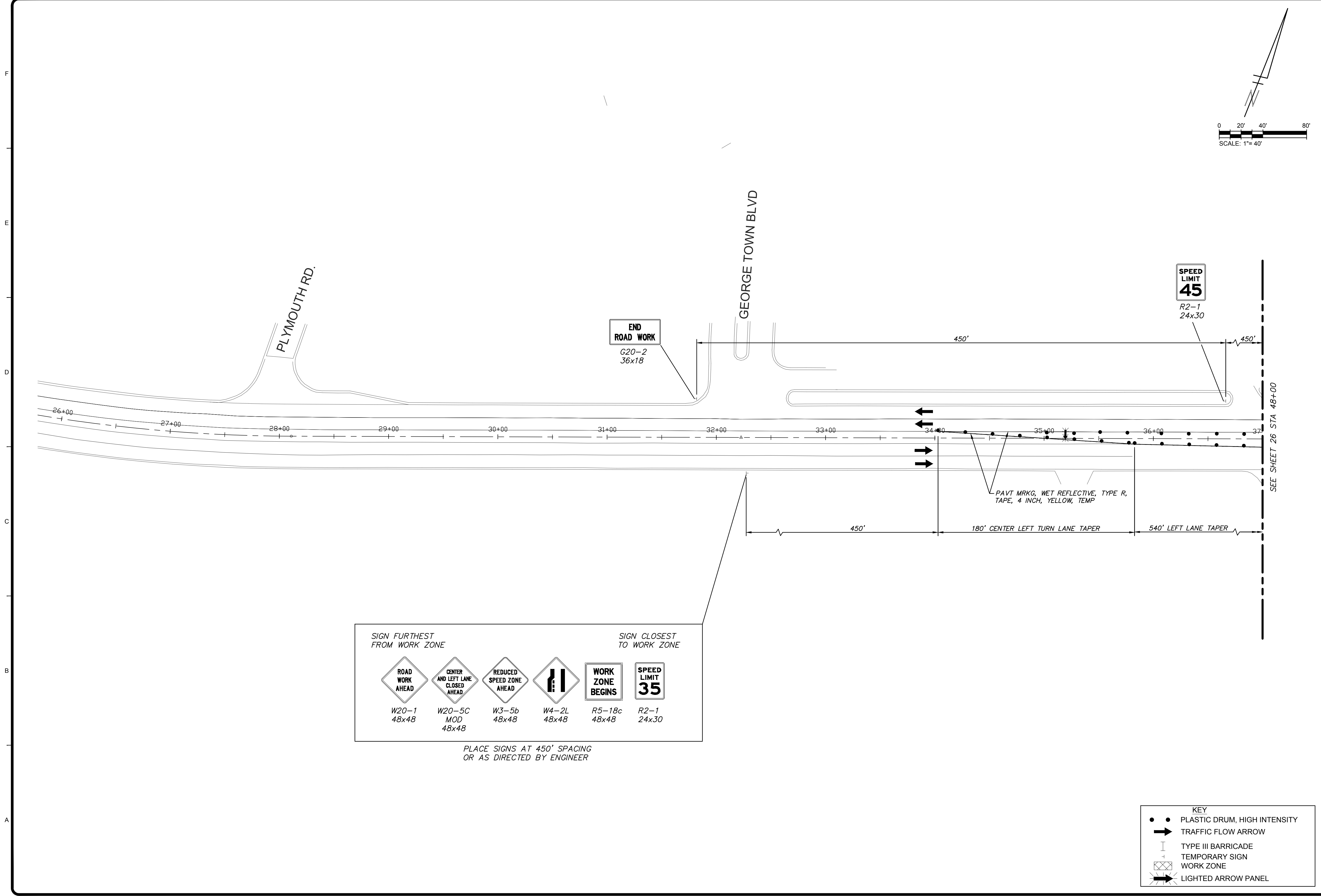
CITY OF ANN ARBOR  
PUBLIC WORKS  
PLYMOUTH ROAD AND GREEN ROAD  
WATER MAIN REPLACEMENT  
TYPICAL SECTIONS  
GREEN ROAD

Project No.: 200-31537-16003  
Designed By: A. BICKLEY  
Drawn By: A. BICKLEY  
Checked By:

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PLACE SIGNS AT 450' SPACING OR AS DIRECTED BY ENGINEER

**KEY**

- PLASTIC DRUM, HIGH INTENSITY
- ➔ TRAFFIC FLOW ARROW
- ⊥ TYPE III BARRICADE
- ⊕ TEMPORARY SIGN
- ⊞ WORK ZONE
- ➔ LIGHTED ARROW PANEL

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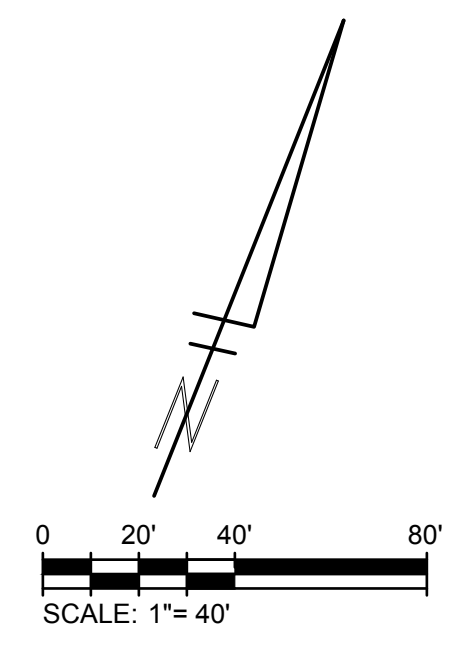
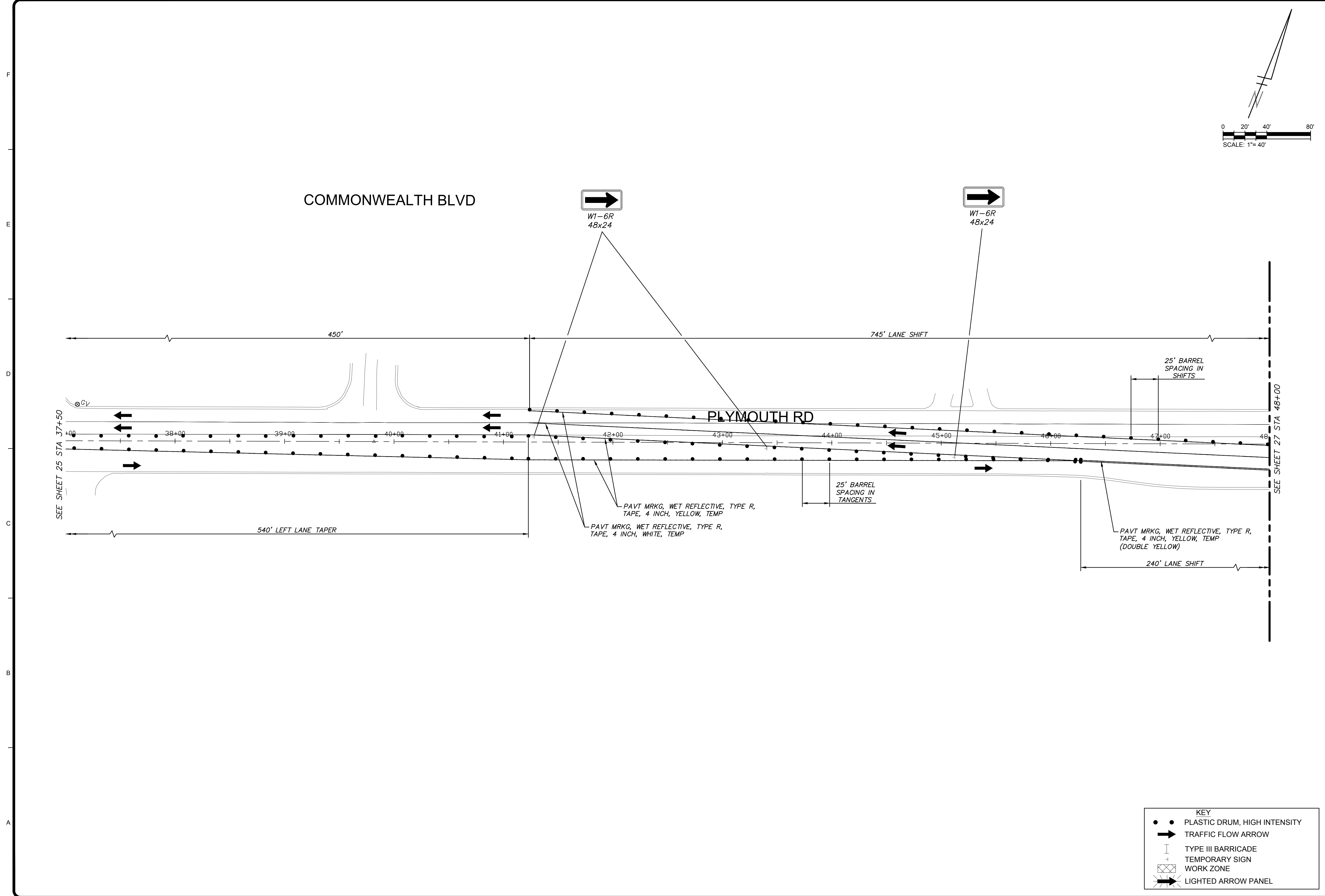
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| 1    | 2/22/17 | ADDENDUM #2 |    |
|      |         |             |    |
|      |         |             |    |
|      |         |             |    |

CITY OF ANN ARBOR  
PUBLIC WORKS  
PLYMOUTH RD AND GREEN ROAD  
WATER MAIN REPLACEMENT  
PLYMOUTH RD  
MOT STAGE 1B  
STA 26+00 TO STA 37+00

Project No.: 200-31537-16003  
Designed By:  
Drawn By:  
Checked By: K. PIETILA

2/22/2017 11:00:05 AM - I:\ERS08\FS\PROJECTS\IER\31537\200-31537-16003\CAD\SHEETFILES\C-PLYMOUTH\MOT-1.DWG - GOTH, STEVEN



**KEY**

- PLASTIC DRUM, HIGH INTENSITY
- ➔ TRAFFIC FLOW ARROW
- ⊥ TYPE III BARRICADE
- ⊕ TEMPORARY SIGN WORK ZONE
- ➔ LIGHTED ARROW PANEL

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| MARK | DATE    | DESCRIPTION | BY |
|------|---------|-------------|----|
| 1    | 2/22/17 | ADDENDUM #2 |    |
|      |         |             |    |
|      |         |             |    |
|      |         |             |    |
|      |         |             |    |

CITY OF ANN ARBOR  
 PUBLIC WORKS  
 PLYMOUTH ROAD AND GREEN ROAD  
 WATER MAIN REPLACEMENT  
 PLYMOUTH RD MOT  
 MOT STAGE 1B  
 STA 37+00 TO STA 48+00

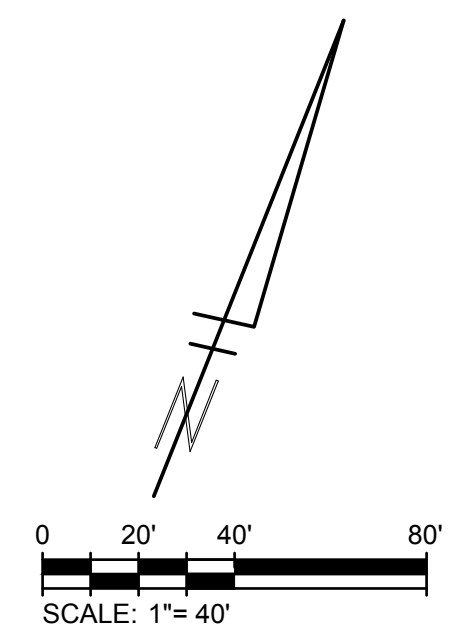
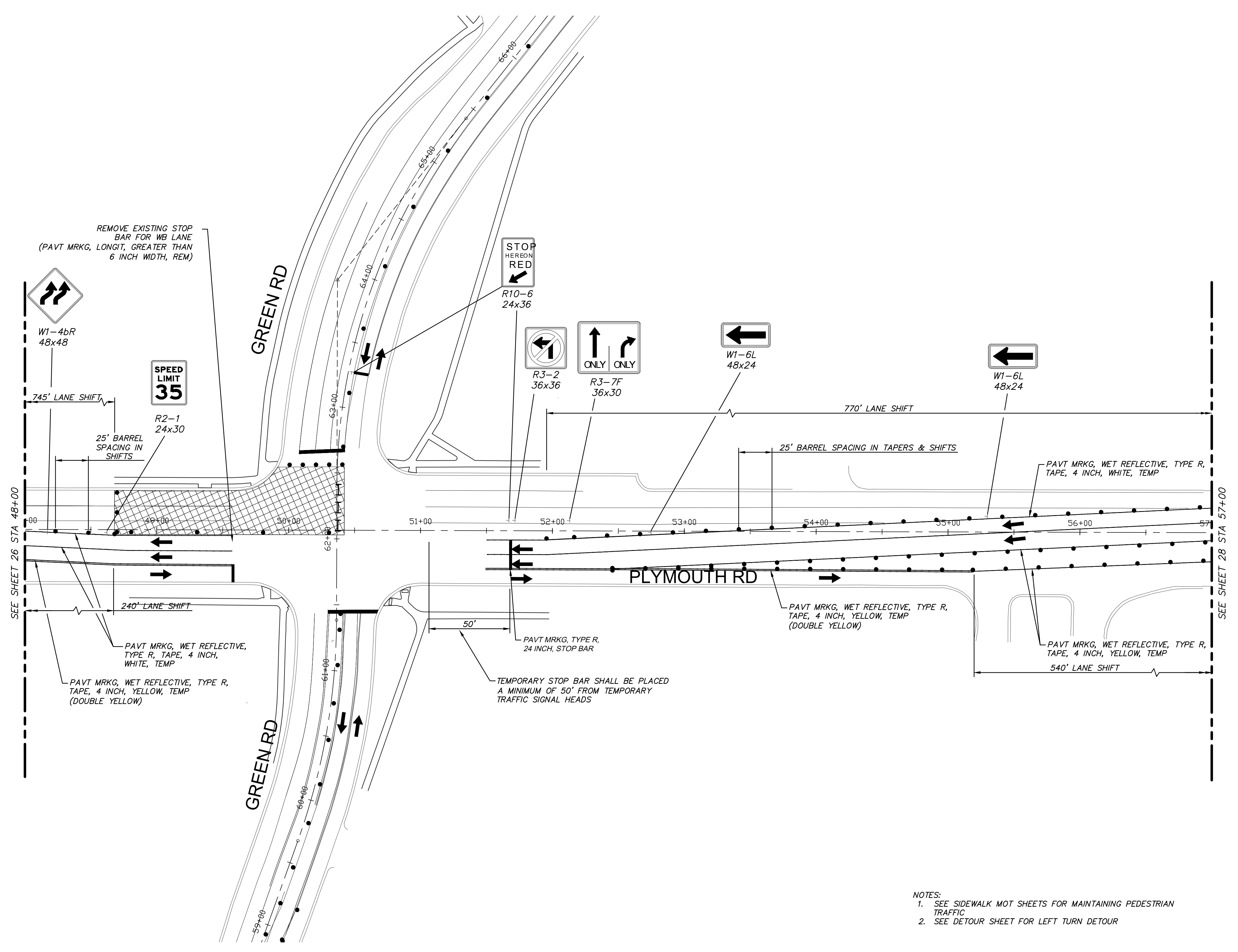
Project No.: 200-31537-16003

Designed By: A. BICKLEY

Drawn By: A. BICKLEY

Checked By: K. PIETILA

2/22/2017 11:00:28 AM - I:\ERS08\FS\PROJECTS\IER31537\200-31537-16003\CAD\SHEETFILES\C-PLYMOUTH\MOT-1.DWG - COTHA, STEVEN



REMOVE EXISTING STOP BAR FOR WB LANE (PAVT MRKG, LONGIT, GREATER THAN 6 INCH WIDTH, REM)

W1-4bR 48x48  
745' LANE SHIFT  
SPEED LIMIT 35  
R2-1 24x30  
25' BARREL SPACING IN SHIFTS

STOP HEREON RED  
R10-6 24x36

R3-2 36x36  
ONLY ONLY  
R3-7F 36x30

W1-6L 48x24

W1-6L 48x24

770' LANE SHIFT

25' BARREL SPACING IN TAPERS & SHIFTS

PAVT MRKG, WET REFLECTIVE, TYPE R, TAPE, 4 INCH, WHITE, TEMP

SEE SHEET 26 STA 48+00

240' LANE SHIFT  
PAVT MRKG, WET REFLECTIVE, TYPE R, TAPE, 4 INCH, WHITE, TEMP  
PAVT MRKG, WET REFLECTIVE, TYPE R, TAPE, 4 INCH, YELLOW, TEMP (DOUBLE YELLOW)

PAVT MRKG, TYPE R, 24 INCH, STOP BAR

50'  
TEMPORARY STOP BAR SHALL BE PLACED A MINIMUM OF 50' FROM TEMPORARY TRAFFIC SIGNAL HEADS

PAVT MRKG, WET REFLECTIVE, TYPE R, TAPE, 4 INCH, YELLOW, TEMP (DOUBLE YELLOW)

PAVT MRKG, WET REFLECTIVE, TYPE R, TAPE, 4 INCH, YELLOW, TEMP  
540' LANE SHIFT

SEE SHEET 28 STA 57+00

- NOTES:
- SEE SIDEWALK MOT SHEETS FOR MAINTAINING PEDESTRIAN TRAFFIC
  - SEE DETOUR SHEET FOR LEFT TURN DETOUR

KEY

|   |                              |
|---|------------------------------|
| ● | PLASTIC DRUM, HIGH INTENSITY |
| ➔ | TRAFFIC FLOW ARROW           |
| I | TYPE III BARRICADE           |
| + | TEMPORARY SIGN               |
| ⊠ | WORK ZONE                    |
| ➔ | LIGHTED ARROW PANEL          |

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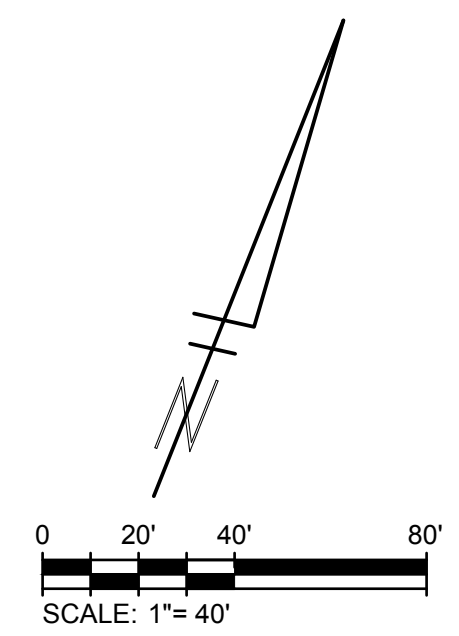
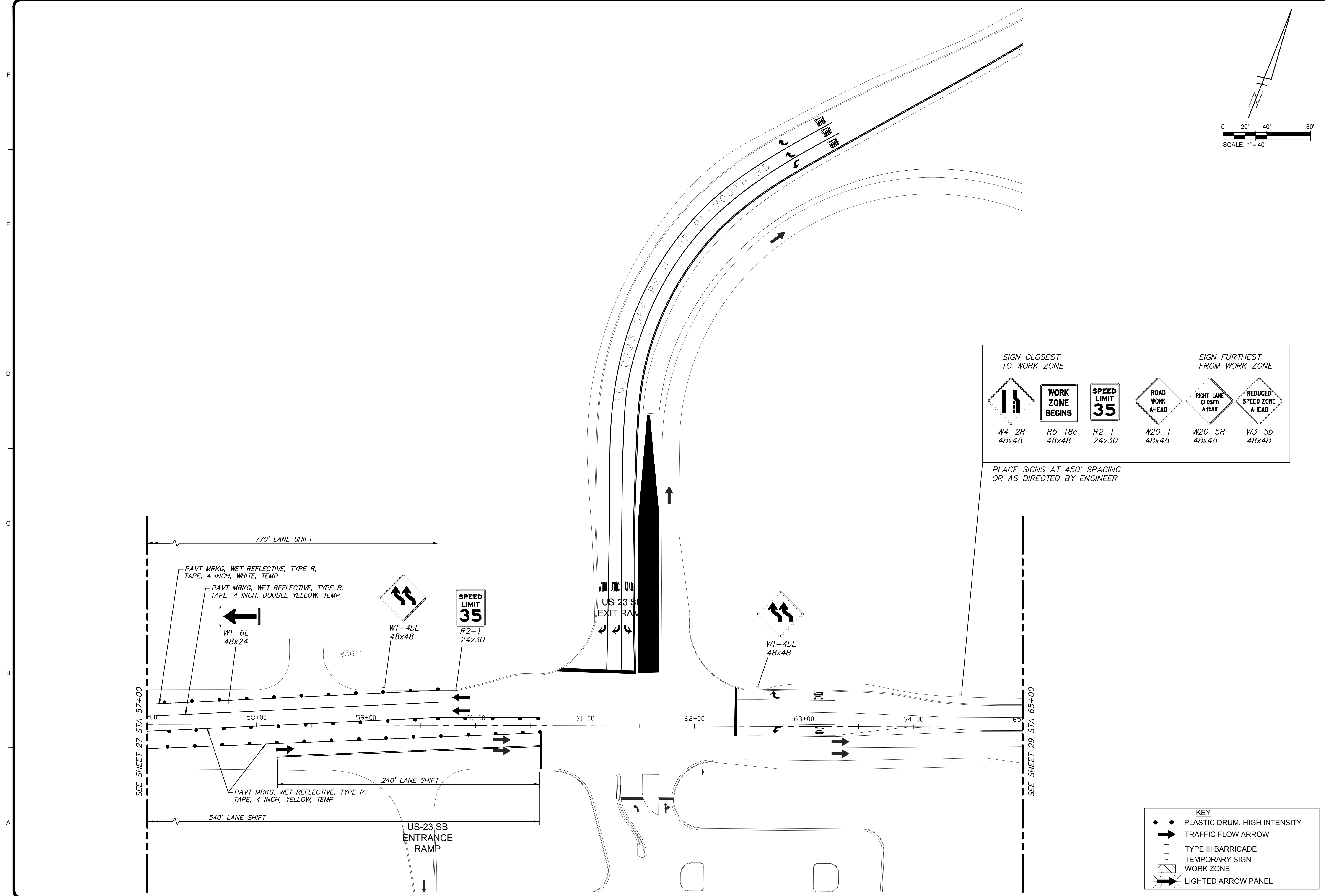
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| 1    | 2/22/17 | ADDENDUM #2 |    |

CITY OF ANN ARBOR  
PUBLIC WORKS  
PLYMOUTH ROAD AND GREEN ROAD  
WATER MAIN REPLACEMENT  
PLYMOUTH RD MOT  
MOT STAGE 1B  
STA 48+00 TO STA 57+00

Project No.: 200-31537-16003  
Designed By: A. BICKLEY  
Drawn By: A. BICKLEY  
Checked By: K. PIETILA

2/22/2017 11:00:48 AM - I:\ERS08\FS\PROJECTS\IER31537\200-31537-16003\CAD\SHEETFILES\C-PLYMOUTH\MOT-1.DWG - GOTH, STEVEN



| SIGN CLOSEST TO WORK ZONE |                         |                       | SIGN FURTHEST FROM WORK ZONE |                 |                |
|---------------------------|-------------------------|-----------------------|------------------------------|-----------------|----------------|
|                           | <b>WORK ZONE BEGINS</b> | <b>SPEED LIMIT 35</b> |                              |                 |                |
| W4-2R<br>48x48            | R5-18c<br>48x48         | R2-1<br>24x30         | W20-1<br>48x48               | W20-5R<br>48x48 | W3-5b<br>48x48 |

PLACE SIGNS AT 450' SPACING OR AS DIRECTED BY ENGINEER

**KEY**

- PLASTIC DRUM, HIGH INTENSITY
- ➔ TRAFFIC FLOW ARROW
- I TYPE III BARRICADE
- ⊕ TEMPORARY SIGN
- ⊞ WORK ZONE
- ➔ LIGHTED ARROW PANEL

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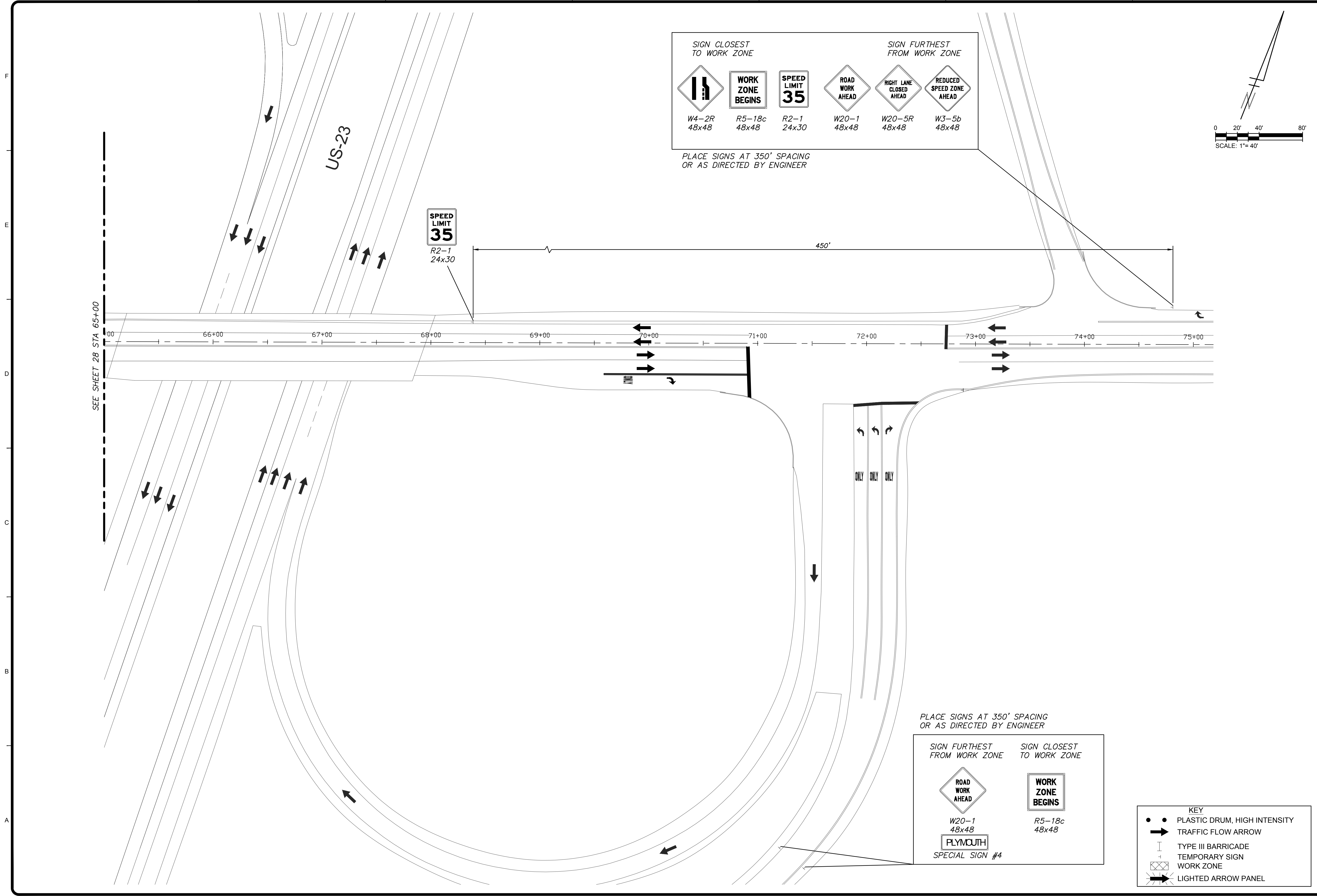
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 PUBLIC WORKS  
 PLYMOUTH ROAD AND GREEN ROAD  
 WATER MAIN REPLACEMENT  
 PLYMOUTH RD  
 MOT STAGE 1B  
 STA 57+00 TO STA 65+00

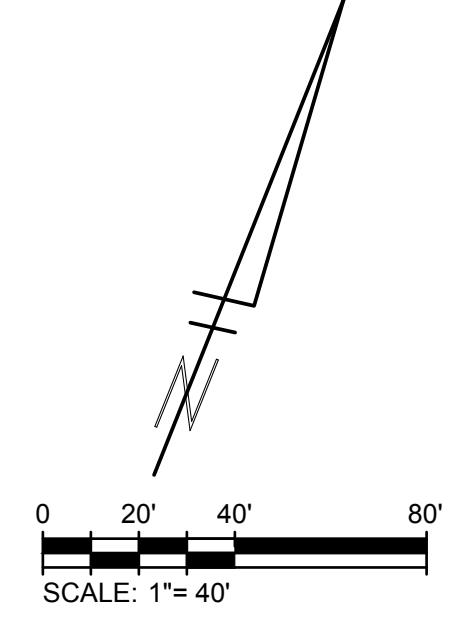
Project No.: 200-31537-16003  
 Designed By: A. BICKLEY  
 Drawn By: A. BICKLEY  
 Checked By: K. PIETILA

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| SIGN CLOSEST TO WORK ZONE |                 |               | SIGN FURTHEST FROM WORK ZONE |                 |                |
|---------------------------|-----------------|---------------|------------------------------|-----------------|----------------|
|                           |                 |               |                              |                 |                |
| W4-2R<br>48x48            | R5-18c<br>48x48 | R2-1<br>24x30 | W20-1<br>48x48               | W20-5R<br>48x48 | W3-5b<br>48x48 |

PLACE SIGNS AT 350' SPACING OR AS DIRECTED BY ENGINEER



PLACE SIGNS AT 350' SPACING OR AS DIRECTED BY ENGINEER

| SIGN FURTHEST FROM WORK ZONE | SIGN CLOSEST TO WORK ZONE |
|------------------------------|---------------------------|
|                              |                           |
| W20-1<br>48x48               | R5-18c<br>48x48           |
|                              |                           |
| PLYMOUTH<br>SPECIAL SIGN #4  | WORK ZONE BEGINS          |

KEY

|  |                              |
|--|------------------------------|
|  | PLASTIC DRUM, HIGH INTENSITY |
|  | TRAFFIC FLOW ARROW           |
|  | TYPE III BARRICADE           |
|  | TEMPORARY SIGN               |
|  | WORK ZONE                    |
|  | LIGHTED ARROW PANEL          |

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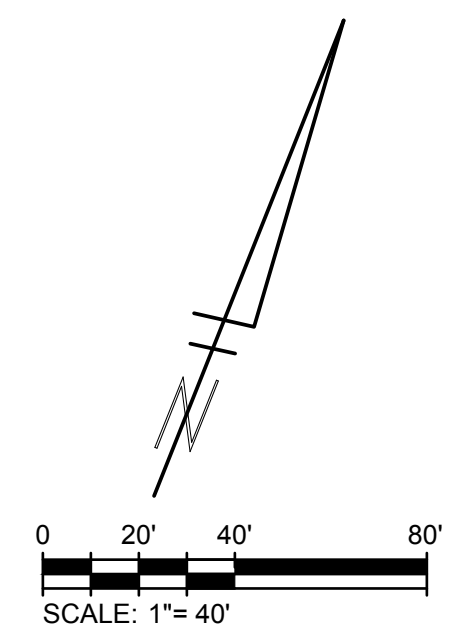
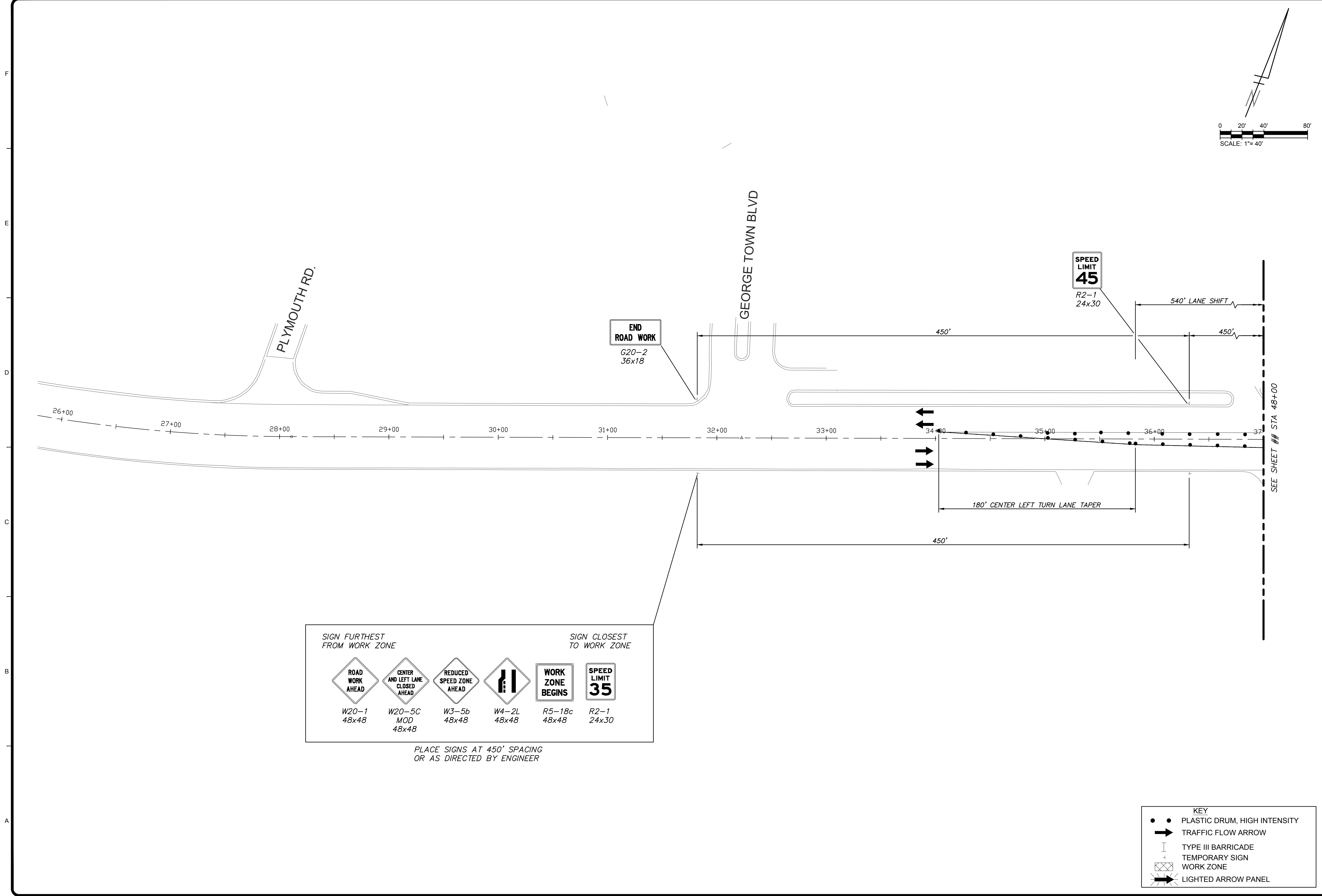
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| MARK | DATE    | DESCRIPTION | BY |
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| 1    | 2/22/17 | ADDENDUM #2 |    |

CITY OF ANN ARBOR  
PUBLIC WORKS  
PLYMOUTH ROAD AND GREEN ROAD  
WATER MAIN REPLACEMENT  
PLYMOUTH RD  
MOT STAGE 1B  
STA 65+00 TO STA 75+00

|              |                 |
|--------------|-----------------|
| Project No.: | 200-31537-16003 |
| Designed By: | A. BICKLEY      |
| Drawn By:    | A. BICKLEY      |
| Checked By:  | K. PIETILA      |

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|                              |                        |                |                           |                 |               |
|------------------------------|------------------------|----------------|---------------------------|-----------------|---------------|
| SIGN FURTHEST FROM WORK ZONE |                        |                | SIGN CLOSEST TO WORK ZONE |                 |               |
|                              |                        |                |                           |                 |               |
| W20-1<br>48x48               | W20-5C<br>MOD<br>48x48 | W3-5b<br>48x48 | W4-2L<br>48x48            | R5-18c<br>48x48 | R2-1<br>24x30 |

PLACE SIGNS AT 450' SPACING OR AS DIRECTED BY ENGINEER

**KEY**

- PLASTIC DRUM, HIGH INTENSITY
- ➔ TRAFFIC FLOW ARROW
- ⊥ TYPE III BARRICADE
- ⊕ TEMPORARY SIGN
- ▣ WORK ZONE
- ➔ LIGHTED ARROW PANEL

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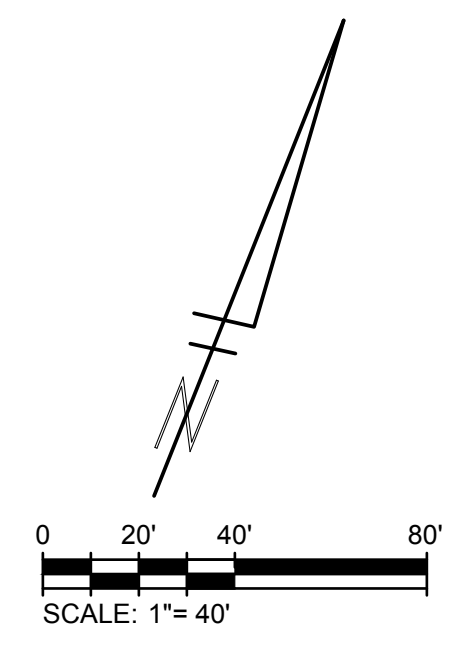
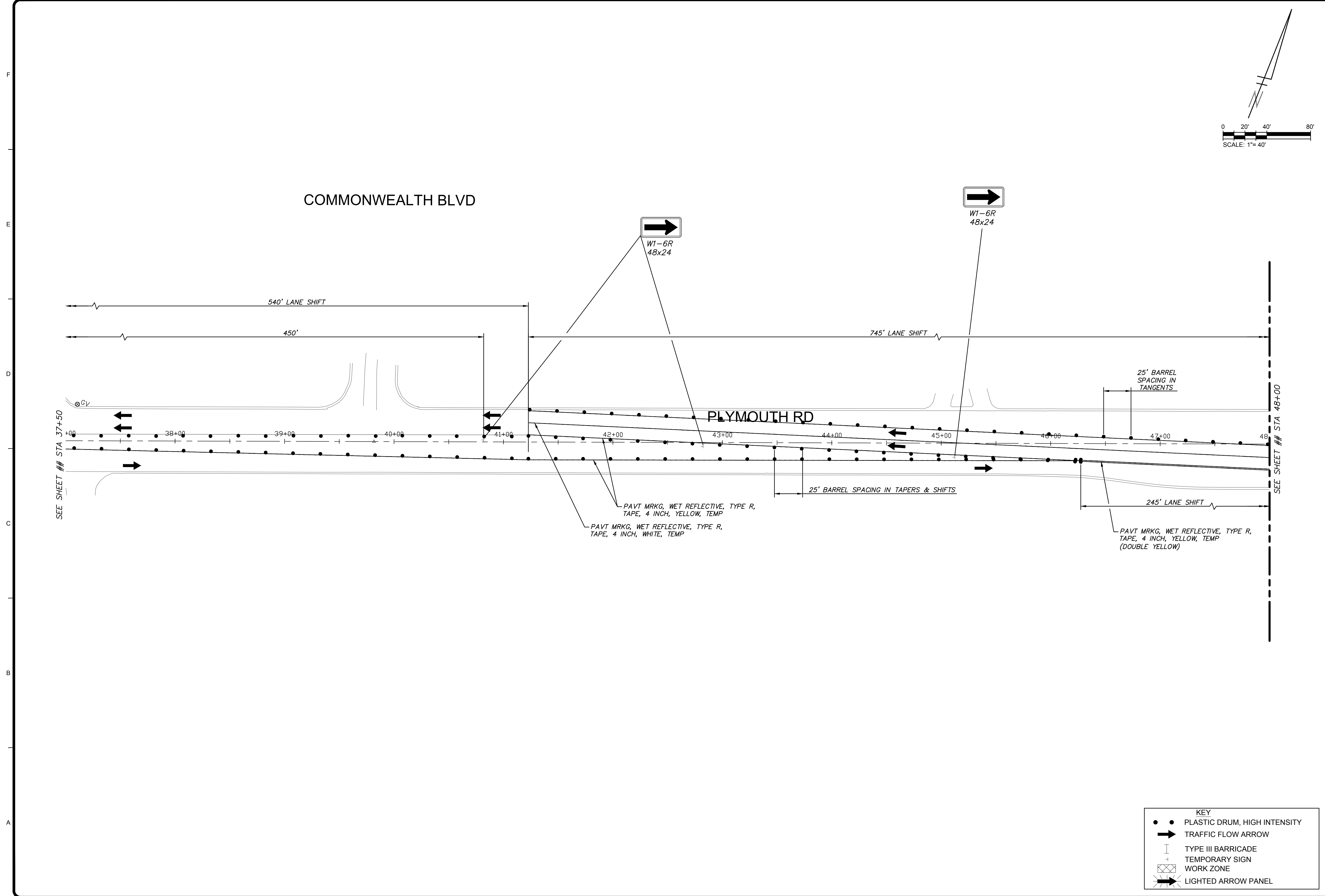
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CITY OF ANN ARBOR  
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PLYMOUTH ROAD AND GREEN ROAD  
WATER MAIN REPLACEMENT  
PLYMOUTH RD  
MOT STAGE 2  
STA 26+00 TO 37+00

Project No.: 200-31537-16003  
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**KEY**

- PLASTIC DRUM, HIGH INTENSITY
- ➔ TRAFFIC FLOW ARROW
- ⊥ TYPE III BARRICADE
- ⊕ TEMPORARY SIGN
- ⊗ WORK ZONE
- ➔ LIGHTED ARROW PANEL

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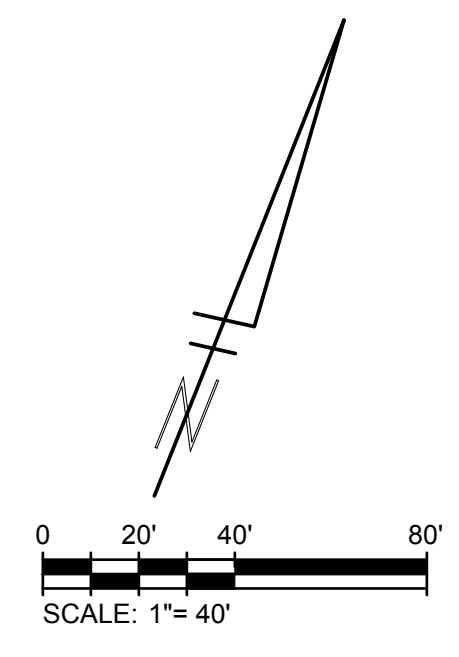
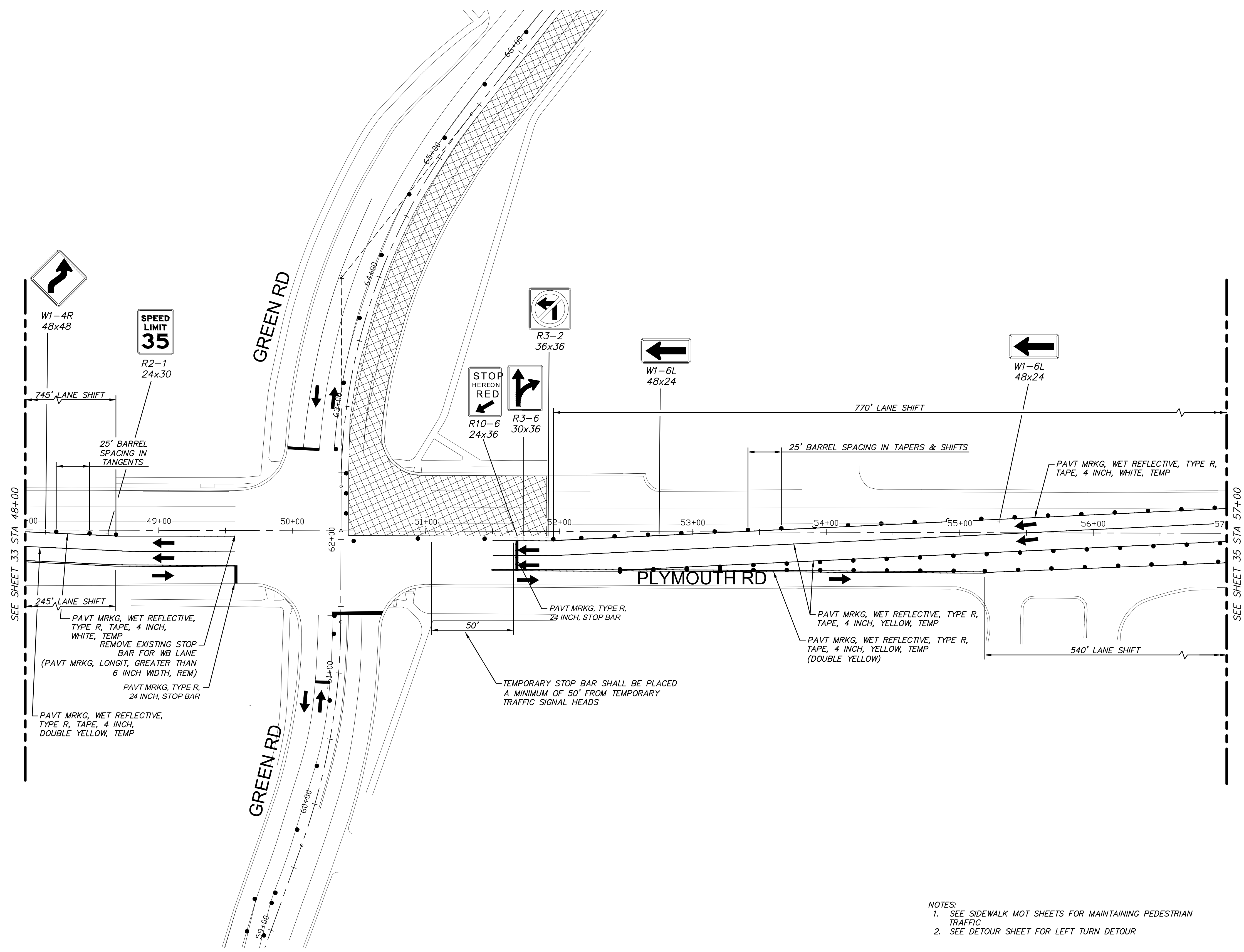
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CITY OF ANN ARBOR  
PUBLIC WORKS  
PLYMOUTH ROAD AND GREEN ROAD  
WATER MAIN REPLACEMENT  
PLYMOUTH RD  
MOT STAGE 2  
STA 37+00 TO STA 48+00

Project No.: 200-31537-16003  
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- NOTES:
1. SEE SIDEWALK MOT SHEETS FOR MAINTAINING PEDESTRIAN TRAFFIC
  2. SEE DETOUR SHEET FOR LEFT TURN DETOUR

KEY

|     |                              |
|-----|------------------------------|
| ● ● | PLASTIC DRUM, HIGH INTENSITY |
| ➔   | TRAFFIC FLOW ARROW           |
| I   | TYPE III BARRICADE           |
| +   | TEMPORARY SIGN               |
| ⊠   | WORK ZONE                    |
| ➔   | LIGHTED ARROW PANEL          |

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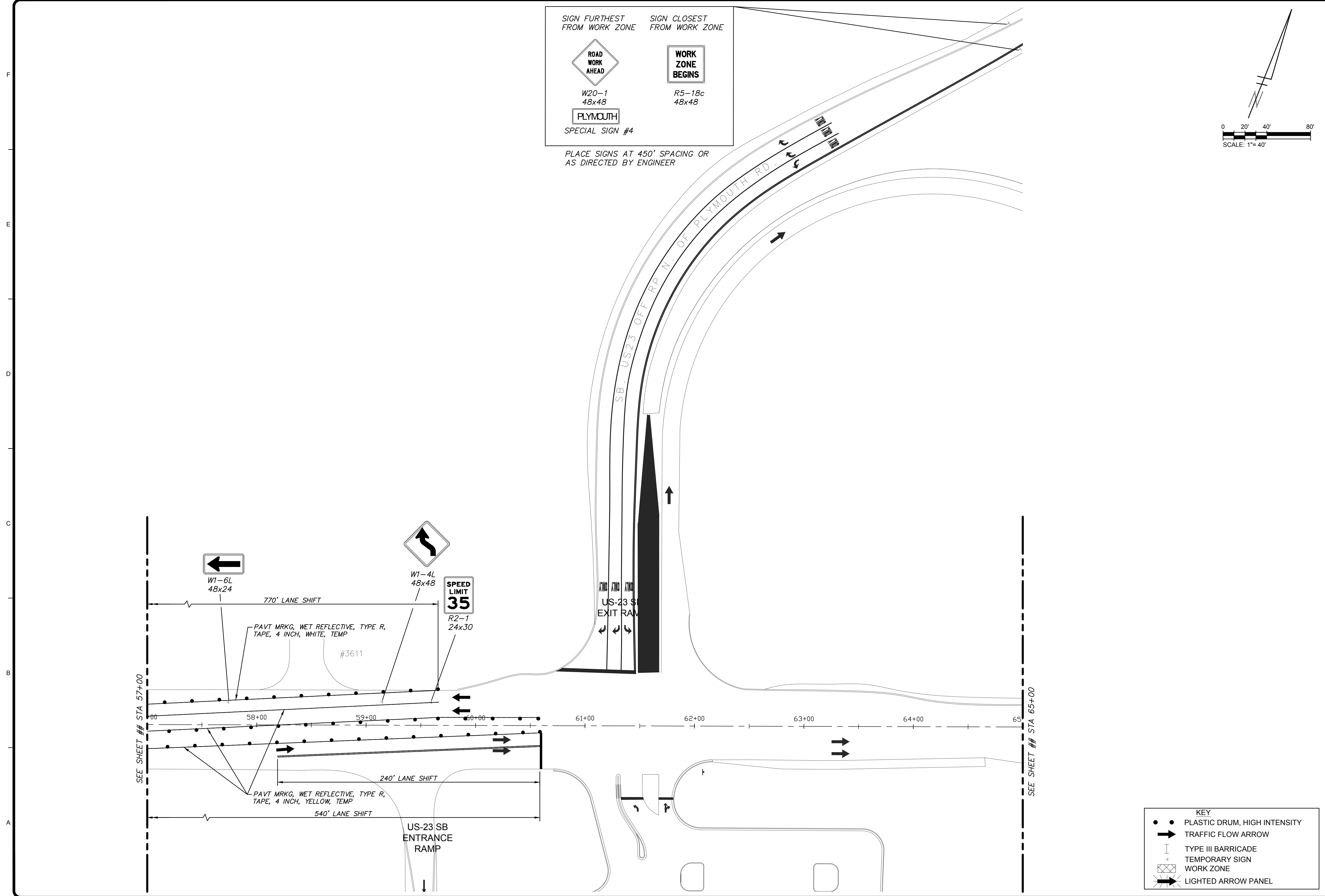
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PUBLIC WORKS  
PLYMOUTH ROAD AND GREEN ROAD  
WATER MAIN REPLACEMENT  
PLYMOUTH RD  
MOT STAGE 2  
STA 48+00 TO STA 57+00

|              |                 |
|--------------|-----------------|
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| Drawn By:    | A. BICKLEY      |
| Checked By:  | K. PIETILA      |



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SIGN FURTHEST FROM WORK ZONE      SIGN CLOSEST FROM WORK ZONE

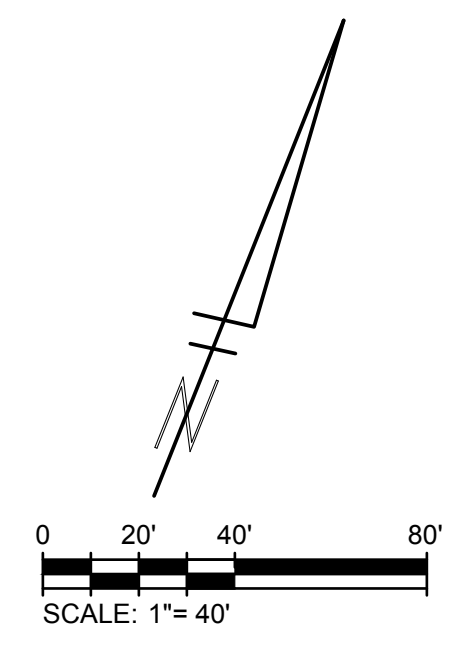
**ROAD WORK AHEAD**      **WORK ZONE BEGINS**

W20-1      R5-18c  
48x48      48x48

**PLYMOUTH**

SPECIAL SIGN #4

PLACE SIGNS AT 450' SPACING OR AS DIRECTED BY ENGINEER



**KEY**

- PLASTIC DRUM, HIGH INTENSITY
- ➔ TRAFFIC FLOW ARROW
- I TYPE III BARRICADE
- ⊕ TEMPORARY SIGN
- ⊞ WORK ZONE
- ➔ LIGHTED ARROW PANEL

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**CITY OF ANN ARBOR MICHIGAN**

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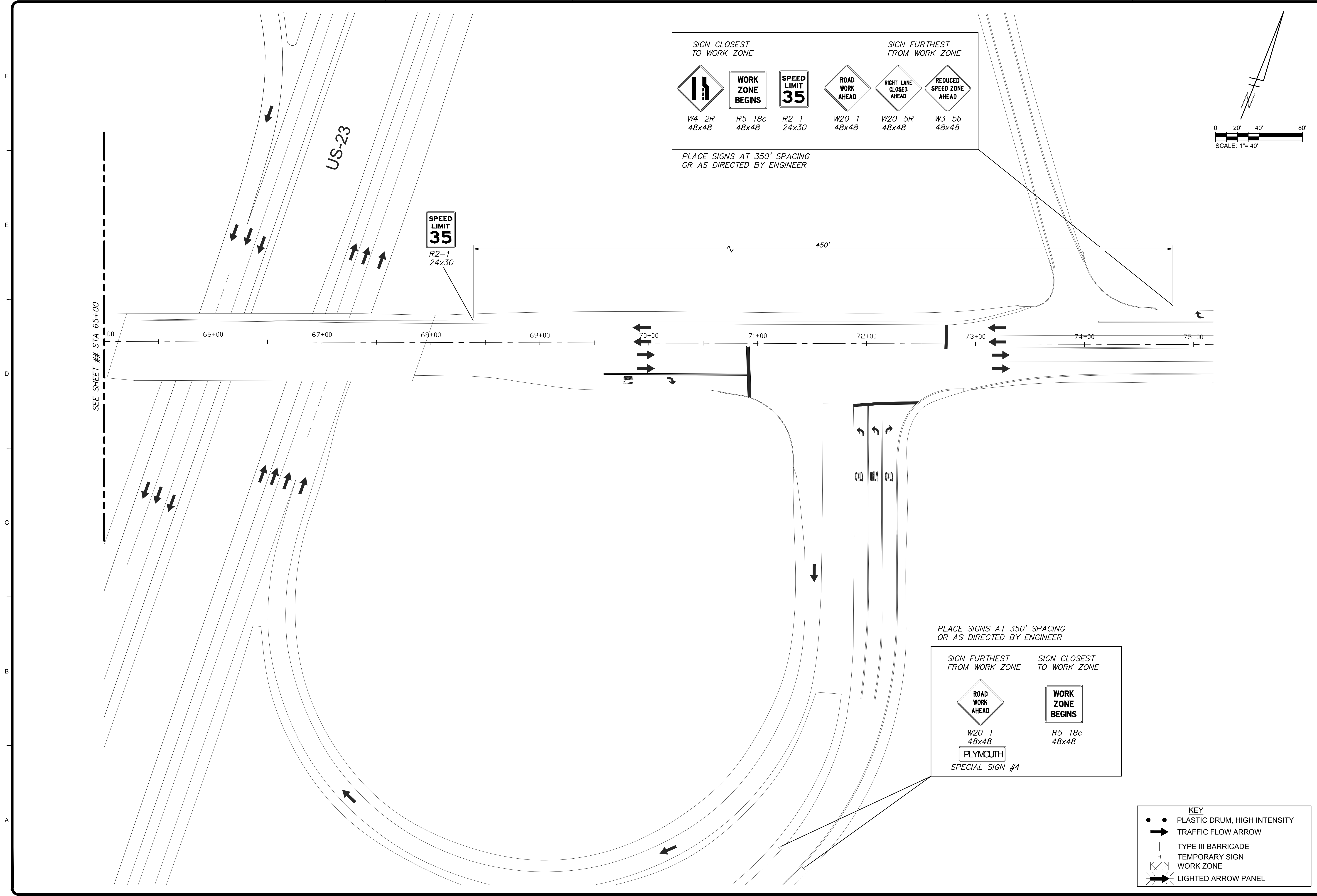
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PLYMOUTH ROAD AND GREEN ROAD WATER MAIN REPLACEMENT  
PLYMOUTH RD  
MOT STAGE 2  
STA 57+00 TO STA 65+00

Project No.: 200-31537-16003  
Designed By:  
Drawn By:  
Checked By: K. PIETILA

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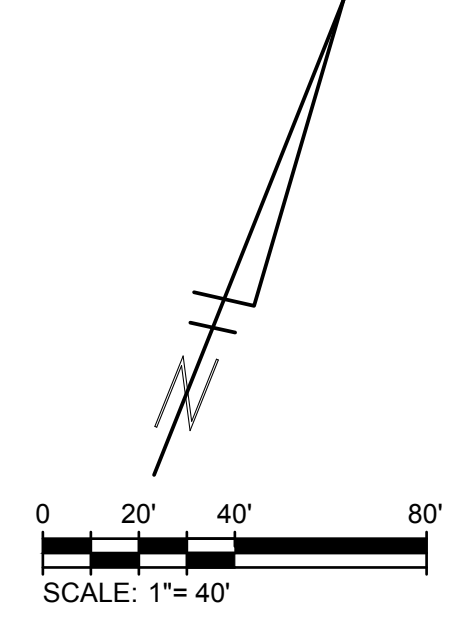


| SIGN CLOSEST TO WORK ZONE |                 |               | SIGN FURTHEST FROM WORK ZONE |                 |                |
|---------------------------|-----------------|---------------|------------------------------|-----------------|----------------|
|                           |                 |               |                              |                 |                |
| W4-2R<br>48x48            | R5-18c<br>48x48 | R2-1<br>24x30 | W20-1<br>48x48               | W20-5R<br>48x48 | W3-5b<br>48x48 |

PLACE SIGNS AT 350' SPACING OR AS DIRECTED BY ENGINEER

| SIGN FURTHEST FROM WORK ZONE | SIGN CLOSEST TO WORK ZONE |
|------------------------------|---------------------------|
|                              |                           |
| W20-1<br>48x48               | R5-18c<br>48x48           |
|                              |                           |
| PLYMOUTH<br>SPECIAL SIGN #4  |                           |

PLACE SIGNS AT 350' SPACING OR AS DIRECTED BY ENGINEER



|   |  |   |  |
|---|--|---|--|
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|   |  | BY _____<br>DATE 2/22/17<br>MARK 1<br>DESCRIPTION ADDENDUM #2   |  |
| CITY OF ANN ARBOR<br>PUBLIC WORKS<br>PLYMOUTH ROAD AND GREEN ROAD<br>WATER MAIN REPLACEMENT<br>PLYMOUTH RD<br>MOT STAGE 2<br>STA 65+00 TO STA 75+00 |  | Project No.: 200-31537-16003<br>Designed By: A. BICKLEY<br>Drawn By: A. BICKLEY<br>Checked By: K. PIETILA                 |  |
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# **Plymouth Road and Green Road Water Main Replacement Project**

Pre-Bid Meeting

February 16, 2017 at 10:00 am

Basement Conference Room, City Hall

## I. Introductions

## II. Addendum Items

- a. Addendum #1 – Issued to clarify bid due date
- b. Addendum #2 – To be issued during the week of 2/20
  - i. Pre-Bid meeting notes, including sign in sheet
  - ii. Minor Revisions

## III. General

### a. Project Overview

- i. In August 2016 and January 2017, large water main breaks occurred within the Plymouth Road and Green Road intersection. Due to the severity of these events, the integrity of the intersection has been permanently compromised. This project involves the replacement of all 12”, 14” and 16” water main within the intersection and water main lining of 1,500 feet of main between Green Road and Georgetown Blvd.
- ii. Construction is broken down into five phases, each with differing traffic control requirements.

### b. Standard Specifications and Detailed Specifications

#### i. Project Schedule

Start Date – May 5<sup>th</sup>

Completion Date – August 25<sup>th</sup> (112 days after notice to proceed)

Lane Closures on Plymouth start June 19<sup>th</sup>

Hours of work: 7:00 a.m. to 8:00 p.m. Monday thru Saturday (Sundays with permission)

Night work is scheduled for final paving and select water main work. Contractor must coordinate with the City on the schedule and approval for all night work.

#### ii. Engineer's estimate – No Engineer's Estimate Provided

- iii. General Conditions
- iv. Access to driveways - Contractor responsible for maintaining access to driveways during construction, and notifying businesses when access will be unavailable (i.e. during paving)
- v. Pedestrian access must be maintained as detailed on the plans

#### IV. Construction

##### a. Utility Construction

- i. The testing corporations in DI water main will be installed by the City of Ann Arbor Field Services Department. Contractor is responsible for fees.
  - ii. All water main shut downs must be scheduled in advance.
  - iii. In order to transfer existing water services to newly installed water mains contractor will have to excavate the trench to City Field Services Department standards for their use in transferring water services, installing water service taps, leads and curb stops/boxes. Labor and materials for taps, leads and curb stops/boxes will be furnished by the City. The Contractor will not be entitled to extra compensation due to delays caused by Field Services Department performing work on the project. The Contractor is responsible to coordinate for scheduling of their work.
- b. Road Construction – During recent water main breaks, the thickness of the existing pavement was closer to 10” in many locations and the Contractor shall anticipate highly variable existing pavement thicknesses.
  - c. Sidewalk and ADA Ramps – ADA compliance MUST be achieved at all locations
  - d. Maintenance of Traffic – Maintenance of traffic is a critical part of this project. The City will handle all adjustment of the traffic signals and the installation of temporary signals at Plymouth and Commonwealth. The Contractor is required to coordinate with the City on the timing of all traffic control phases.

#### V. Other Items

- a. Prevailing Wage – Will be actively enforced by the City on this project. Wage rates that apply to the project will be included in the Addendum.

#### Contact Information:

Chris Elenbaas  
Project Manager  
Phone: (734) 794-6350 ext. 43311  
Fax: (734) 994-0742  
E-mail: [celenbaas@a2gov.org](mailto:celenbaas@a2gov.org)

**PREBID MEETING SIGN-IN SHEET**

**PROJECT:** Plymouth Road and Green Road Water Main Replacement

ITB 4470

Date: 2/16/17

PLEASE PRINT

| NAME                                    | REPRESENTING                              | MAILING ADDRESS   | TELEPHONE   | EMAIL                             |
|---|---|---|---|-----------------------------------|
| Igor Kotlyar<br>Project Engineer        | City of Ann Arbor -<br>Project Management | Address: 301 E. Huron Street, P.O. Box 8647<br>City, State: Ann Arbor, MI Zip: 48107-8647 | Office: (734) 794-6410, x43634<br>Mobile: (734) 323-7198<br>Fax: (734) 994-1744 | ikotlyar@a2gov.org                |
| Chris Elenbaas<br>Public Works Engineer | City of Ann Arbor -<br>Public Works       | Address: 4251 Stone School Road<br>City, State: Ann Arbor, MI Zip: 48107-8647             | Office: (734) 794-6350 x43311<br>Mobile: (734) 358-2029<br>Fax: (734) 994-0742  | celenbaas@a2gov.org               |
| John Buskta                             | Everyroad<br>Civil                        | Address: 143 Cadycourt Dr 308<br>City, State: Northville, MI Zip: 48167                   | Office: (488) 374-1911<br>Mobile: (734) 634-9891<br>Fax No. (248) 344-4105      | johnbuskta@everyroad.com          |
| CARL EVANGELISTA                        | FER-PAL<br>INFRASTRUCTURE                 | Address: 26187 Northline<br>City, State: TAYLOR Zip: 48180                                | Office: (734) 946-2034<br>Mobile: (248) 982-4868<br>Fax No. (734) 946-2036      | carl.evangelista@ferpal.com       |
| Tom McDonough                           | The Water Assoc                           | Address: 2305 E. High St.<br>City, State: Jackson Zip: 49203                              | Office: (517) 787-9016<br>Mobile: ( )<br>Fax No. ( )                            | tom.mcdonough@the-water-assoc.com |
| Patrick Dunigan                         | Dunigan Bros<br>Inc.                      | Address: 911 E South St<br>City, State: Jackson, MI Zip: 49203                            | Office: (517) 287-4720<br>Mobile: (517) 287-416-9064<br>Fax No. (517) 287-2023  | patrick@duniganbro.com            |
| Michael Haessler                        | Douglas N. Angus                          | Address: 3390 Trans Post Rd.<br>City, State: Ann Arbor Zip: 48108                         | Office: (734) 996-9520<br>Mobile: ( )<br>Fax No. ( )                            | mike@dnangus.com                  |
| Joe Siwek                               | Tetra Tech                                | Address: 710 Avis Dr.<br>City, State: Ann Arbor, MI Zip: 48108                            | Office: (734) 213-4052<br>Mobile: ( )<br>Fax No. ( )                            | joe.siwek@tetra-tech.com          |

General Decision Number: MI170074 02/03/2017 MI74

Superseded General Decision Number: MI20160074

State: Michigan

Construction Type: Heavy

County: Washtenaw County in Michigan.

Heavy, Includes Water, Sewer Lines and Excavation (Excludes Hazardous Waste Removal; Coal, Oil, Gas, Duct and other similar Pipeline Construction)

Note: Under Executive Order (EO) 13658, an hourly minimum wage of \$10.20 for calendar year 2017 applies to all contracts subject to the Davis-Bacon Act for which the contract is awarded (and any solicitation was issued) on or after January 1, 2015. If this contract is covered by the EO, the contractor must pay all workers in any classification listed on this wage determination at least \$10.20 (or the applicable wage rate listed on this wage determination, if it is higher) for all hours spent performing on the contract in calendar year 2017. The EO minimum wage rate will be adjusted annually. Additional information on contractor requirements and worker protections under the EO is available at www.dol.gov/whd/govcontracts.

| Modification Number | Publication Date |
|---------------------|------------------|
| 0                   | 01/06/2017       |
| 1                   | 02/03/2017       |

CARP0687-006 06/01/2016

|                                   | Rates    | Fringes |
|-----------------------------------|----------|---------|
| CARPENTER, Includes Form Work.... | \$ 31.16 | 26.56   |

ELEC0252-009 06/14/2016

|                  | Rates    | Fringes |
|------------------|----------|---------|
| ELECTRICIAN..... | \$ 34.58 | 25.22   |

ENGI0325-019 06/01/2016

POWER EQUIPMENT OPERATORS: Underground Construction (Including Sewer)

|                          | Rates    | Fringes |
|--------------------------|----------|---------|
| POWER EQUIPMENT OPERATOR |          |         |
| GROUP 1.....             | \$ 31.58 | 22.85   |
| GROUP 2.....             | \$ 26.85 | 22.85   |
| GROUP 3.....             | \$ 26.12 | 22.85   |
| GROUP 4.....             | \$ 25.55 | 22.85   |

POWER EQUIPMENT OPERATOR CLASSIFICATIONS

GROUP 1: Backhoe/ Excavator, Boring Machine, Bulldozer, Crane, Grader/ Blade, Loader, Roller, Scraper, Trencher (over 8 ft. digging capacity)

GROUP 2: Trencher (8-ft digging capacity and smaller)

GROUP 3: Boom Truck (non-swinging, non- powered type boom)

GROUP 4: Broom/ Sweeper, Fork Truck, Tractor, Bobcat/ Skid Steer /Skid Loader

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ENGI0326-008 06/01/2016

EXCLUDES UNDERGROUND CONSTRUCTION

|                           | Rates    | Fringes |
|---------------------------|----------|---------|
| OPERATOR: Power Equipment |          |         |
| GROUP 1.....              | \$ 39.64 | 22.90   |
| GROUP 2.....              | \$ 38.14 | 22.90   |
| GROUP 3.....              | \$ 36.64 | 22.90   |
| GROUP 4.....              | \$ 36.34 | 22.90   |
| GROUP 5.....              | \$ 35.52 | 22.90   |
| GROUP 6.....              | \$ 34.66 | 22.90   |
| GROUP 7.....              | \$ 33.69 | 22.90   |
| GROUP 8.....              | \$ 31.98 | 22.90   |
| GROUP 9.....              | \$ 23.64 | 22.90   |

FOOTNOTES: Tower cranes: to be paid the crane operator rate determined by the combined length of the mast and the boom.

POWER EQUIPMENT OPERATOR CLASSIFICATIONS

GROUP 1: Crane with boom & jib or leads 400' or longer

GROUP 2: Crane with boom & jib or leads 300' or longer

GROUP 3: Crane with boom & jib or leads 220' or longer

GROUP 4: Crane with boom & jib or leads 140' or longer

GROUP 5: Crane with boom & jib or leads 120' or longer

GROUP 6: Regular crane operator

GROUP 7: Backhoe/Excavator, Bobcat/Skid Loader, Boring Machine, Broom/Sweeper, Bulldozer, Grader/Blade, Loader, Roller, Scraper, Tractor, Trencher

GROUP 8: Forklift

GROUP 9: Oiler

-----  
IRON0025-006 06/01/2015

|                  | Rates    | Fringes |
|------------------|----------|---------|
| IRONWORKER       |          |         |
| Reinforcing..... | \$ 28.30 | 24.60   |
| Structural.....  | \$ 33.78 | 27.84   |

-----  
LAB00334-009 06/01/2015

EXCLUDES OPEN CUT CONSTRUCTION

Rates                      Fringes

Landscape Laborer

|              |          |      |
|--------------|----------|------|
| GROUP 1..... | \$ 19.76 | 9.15 |
| GROUP 2..... | \$ 15.54 | 9.15 |

LANDSCAPE LABORER CLASSIFICATIONS

GROUP 1: Landscape specialist, including air, gas and diesel equipment operator, lawn sprinkler installer and skidsteer (or equivalent)

GROUP 2: Landscape laborer: small power tool operator, material mover, truck driver and lawn sprinkler installer tender

-----  
LAB00334-018 09/01/2014

SCOPE OF WORK:

OPEN CUT CONSTRUCTION: Excavation of earth and sewer, utilities, and improvements, including underground piping/conduit (including inspection, cleaning, restoration, and relining)

|   | Rates    | Fringes |
|---|----------|---------|
| LABORER                                   |          |         |
| (1) Common or General.....                | \$ 22.45 | 12.75   |
| (2) Mason Tender-<br>Cement/Concrete..... | \$ 22.56 | 12.75   |
| (4) Grade Checker.....                    | \$ 22.75 | 12.75   |
| (5) Pipelayer.....                        | \$ 22.90 | 12.75   |
| (7) Landscape.....                        | \$ 16.84 | 12.75   |

-----  
LAB00499-020 08/01/2014

EXCLUDES OPEN CUT CONSTRUCTION

|              | Rates    | Fringes |
|--------------|----------|---------|
| LABORER      |          |         |
| GROUP 1..... | \$ 28.32 | 13.85   |
| GROUP 2..... | \$ 28.52 | 13.85   |
| GROUP 3..... | \$ 28.64 | 13.85   |

LABORER CLASSIFICATIONS

GROUP 1: Common or General; Grade Checker

GROUP 2: Mason Tender - Cement/Concrete

GROUP 3: Pipelayer

-----  
PAIN0022-005 07/01/2008

|                     | Rates    | Fringes |
|---------------------|----------|---------|
| PAINTER             |          |         |
| Brush & Roller..... | \$ 25.06 | 14.75   |
| Spray.....          | \$ 25.86 | 14.75   |

-----  
PLAS0514-002 05/01/2016

|  | Rates | Fringes |
|--|-------|---------|
|--|-------|---------|



CEMENT MASON/CONCRETE FINISHER...\$ 31.55 14.80

-----  
PLUM0190-010 06/01/2016

Rates Fringes

PLUMBER.....\$ 38.99 21.06

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\* TEAM0007-006 06/01/2016

Rates Fringes

TRUCK DRIVER

Dump Truck under 8 cu.  
yds.; Tractor Haul Truck....\$ 24.90 .50 + a+b  
Dump Truck, 8 cu. yds. and  
over.....\$ 25.00 .50 + a+b  
Lowboy/Semi-Trailer Truck...\$ 25.15 .50 + a+b

FOOTNOTE:

- a. \$438.45 per week.
- b. \$61.90 daily.

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SUMI2010-072 11/09/2010

Rates Fringes

TRUCK DRIVER: Off the Road  
Truck.....\$ 20.82 3.69

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WELDERS - Receive rate prescribed for craft performing  
operation to which welding is incidental.

=====  
Note: Executive Order (EO) 13706, Establishing Paid Sick Leave  
for Federal Contractors applies to all contracts subject to the  
Davis-Bacon Act for which the contract is awarded (and any  
solicitation was issued) on or after January 1, 2017. If this  
contract is covered by the EO, the contractor must provide  
employees with 1 hour of paid sick leave for every 30 hours  
they work, up to 56 hours of paid sick leave each year.  
Employees must be permitted to use paid sick leave for their  
own illness, injury or other health-related needs, including  
preventive care; to assist a family member (or person who is  
like family to the employee) who is ill, injured, or has other  
health-related needs, including preventive care; or for reasons  
resulting from, or to assist a family member (or person who is  
like family to the employee) who is a victim of, domestic  
violence, sexual assault, or stalking. Additional information  
on contractor requirements and worker protections under the EO  
is available at [www.dol.gov/whd/govcontracts](http://www.dol.gov/whd/govcontracts).

Unlisted classifications needed for work not included within  
the scope of the classifications listed may be added after  
award only as provided in the labor standards contract clauses  
(29CFR 5.5 (a) (1) (ii)).

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The body of each wage determination lists the classification

and wage rates that have been found to be prevailing for the cited type(s) of construction in the area covered by the wage determination. The classifications are listed in alphabetical order of "identifiers" that indicate whether the particular rate is a union rate (current union negotiated rate for local), a survey rate (weighted average rate) or a union average rate (weighted union average rate).

#### Union Rate Identifiers

A four letter classification abbreviation identifier enclosed in dotted lines beginning with characters other than "SU" or "UAVG" denotes that the union classification and rate were prevailing for that classification in the survey. Example: PLUM0198-005 07/01/2014. PLUM is an abbreviation identifier of the union which prevailed in the survey for this classification, which in this example would be Plumbers. 0198 indicates the local union number or district council number where applicable, i.e., Plumbers Local 0198. The next number, 005 in the example, is an internal number used in processing the wage determination. 07/01/2014 is the effective date of the most current negotiated rate, which in this example is July 1, 2014.

Union prevailing wage rates are updated to reflect all rate changes in the collective bargaining agreement (CBA) governing this classification and rate.

#### Survey Rate Identifiers

Classifications listed under the "SU" identifier indicate that no one rate prevailed for this classification in the survey and the published rate is derived by computing a weighted average rate based on all the rates reported in the survey for that classification. As this weighted average rate includes all rates reported in the survey, it may include both union and non-union rates. Example: SULA2012-007 5/13/2014. SU indicates the rates are survey rates based on a weighted average calculation of rates and are not majority rates. LA indicates the State of Louisiana. 2012 is the year of survey on which these classifications and rates are based. The next number, 007 in the example, is an internal number used in producing the wage determination. 5/13/2014 indicates the survey completion date for the classifications and rates under that identifier.

Survey wage rates are not updated and remain in effect until a new survey is conducted.

#### Union Average Rate Identifiers

Classification(s) listed under the UAVG identifier indicate that no single majority rate prevailed for those classifications; however, 100% of the data reported for the classifications was union data. EXAMPLE: UAVG-OH-0010 08/29/2014. UAVG indicates that the rate is a weighted union average rate. OH indicates the state. The next number, 0010 in the example, is an internal number used in producing the wage determination. 08/29/2014 indicates the survey completion date for the classifications and rates under that identifier.

A UAVG rate will be updated once a year, usually in January of each year, to reflect a weighted average of the current negotiated/CBA rate of the union locals from which the rate is based.

-----  
WAGE DETERMINATION APPEALS PROCESS

1.) Has there been an initial decision in the matter? This can be:

- \* an existing published wage determination
- \* a survey underlying a wage determination
- \* a Wage and Hour Division letter setting forth a position on a wage determination matter
- \* a conformance (additional classification and rate) ruling

On survey related matters, initial contact, including requests for summaries of surveys, should be with the Wage and Hour Regional Office for the area in which the survey was conducted because those Regional Offices have responsibility for the Davis-Bacon survey program. If the response from this initial contact is not satisfactory, then the process described in 2.) and 3.) should be followed.

With regard to any other matter not yet ripe for the formal process described here, initial contact should be with the Branch of Construction Wage Determinations. Write to:

Branch of Construction Wage Determinations  
Wage and Hour Division  
U.S. Department of Labor  
200 Constitution Avenue, N.W.  
Washington, DC 20210

2.) If the answer to the question in 1.) is yes, then an interested party (those affected by the action) can request review and reconsideration from the Wage and Hour Administrator (See 29 CFR Part 1.8 and 29 CFR Part 7). Write to:

Wage and Hour Administrator  
U.S. Department of Labor  
200 Constitution Avenue, N.W.  
Washington, DC 20210

The request should be accompanied by a full statement of the interested party's position and by any information (wage payment data, project description, area practice material, etc.) that the requestor considers relevant to the issue.

3.) If the decision of the Administrator is not favorable, an interested party may appeal directly to the Administrative Review Board (formerly the Wage Appeals Board). Write to:

Administrative Review Board  
U.S. Department of Labor  
200 Constitution Avenue, N.W.  
Washington, DC 20210

4.) All decisions by the Administrative Review Board are final.

=====  
END OF GENERAL DECISION

General Decision Number: MI170001 02/17/2017 MI1

Superseded General Decision Number: MI20160001

State: Michigan

Construction Types: Highway (Highway, Airport & Bridge xxxxx and Sewer/Incid. to Hwy.)

Counties: Michigan Statewide.

Note: Under Executive Order (EO) 13658, an hourly minimum wage of \$10.20 for calendar year 2017 applies to all contracts subject to the Davis-Bacon Act for which the contract is awarded (and any solicitation was issued) on or after January 1, 2015. If this contract is covered by the EO, the contractor must pay all workers in any classification listed on this wage determination at least \$10.20 (or the applicable wage rate listed on this wage determination, if it is higher) for all hours spent performing on the contract in calendar year 2017. The EO minimum wage rate will be adjusted annually. Additional information on contractor requirements and worker protections under the EO is available at www.dol.gov/whd/govcontracts.

| Modification Number | Publication Date |
|---------------------|------------------|
| 0                   | 01/06/2017       |
| 1                   | 02/03/2017       |
| 2                   | 02/17/2017       |

CARP0004-004 06/01/2016

REMAINDER OF STATE

|                              | Rates    | Fringes |
|------------------------------|----------|---------|
| CARPENTER ( Piledriver)..... | \$ 26.33 | 19.18   |

CARP0004-005 06/01/2016

LIVINGSTON (Townships of Brighton, Deerfield, Genoa, Hartland, Oceola & Tyrone), MACOMB, MONROE, OAKLAND, SANILAC, ST. CLAIR AND WAYNE COUNTIES

|                             | Rates    | Fringes |
|-----------------------------|----------|---------|
| CARPENTER (Piledriver)..... | \$ 29.47 | 25.94   |

\* ELEC0017-005 06/01/2016

STATEWIDE

| Line Construction   | Rates    | Fringes |
|---|----------|---------|
| Groundman/Driver.....   | \$ 27.63 | 13.48   |
| Journeyman Signal Tech,<br>Communications Tech, Tower<br>Tech & Fiber Optic Splicers. | \$ 37.60 | 16.27   |
| Journeyman Specialist.....  | \$ 43.24 | 17.84   |
| Operator A.....   | \$ 31.81 | 14.63   |
| Operator B.....   | \$ 29.72 | 14.07   |

Classifications

Journeyman Specialist: Refers to a crew of only one person working alone.

Operator A: Shall be proficient in operating all power equipment including: Backhoe, Excavator, Directional Bore and Boom/Digger truck.

Operator B: Shall be proficient in operating any 2 of the above mentioned pieces of equipment listed under Operator A.

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ENGI0324-003 06/01/2016

ALCONA, ALPENA, ARENAC, BAY, CHEBOYGAN, CLARE, CLINTON, CRAWFORD, GENESEE, GLADWIN, GRATIOT, HURON, INGHAM, IOSCO, ISABELLA, JACKSON, LAPEER, LENAWEE, LIVINGSTON, MACOMB, MIDLAND, MONROE, MONTMORENCY, OAKLAND, OGEMAW, OSCODA, OTSEGO, PRESQUE ISLE, ROSCOMMON, SAGINAW, ST. CLAIR, SANILAC, SHIAWASSEE, TUSCOLA, WASHTENAW AND WAYNE COUNTIES:

|   | Rates    | Fringes |
|---|----------|---------|
| OPERATOR: Power Equipment<br>(Steel Erection) |          |         |
| GROUP 1.....                                  | \$ 44.07 | 22.55   |
| GROUP 2.....                                  | \$ 45.07 | 22.55   |
| GROUP 3.....                                  | \$ 42.57 | 22.55   |
| GROUP 4.....                                  | \$ 43.57 | 22.55   |
| GROUP 5.....                                  | \$ 41.07 | 22.55   |
| GROUP 6.....                                  | \$ 42.07 | 22.55   |
| GROUP 7.....                                  | \$ 40.80 | 22.55   |
| GROUP 8.....                                  | \$ 41.80 | 22.55   |
| GROUP 9.....                                  | \$ 40.35 | 22.55   |
| GROUP 10.....                                 | \$ 41.35 | 22.55   |
| GROUP 11.....                                 | \$ 39.62 | 22.55   |
| GROUP 12.....                                 | \$ 40.62 | 22.55   |
| GROUP 13.....                                 | \$ 39.26 | 22.55   |
| GROUP 14.....                                 | \$ 40.26 | 22.55   |
| GROUP 15.....                                 | \$ 38.62 | 22.55   |
| GROUP 16.....                                 | \$ 36.92 | 22.55   |
| GROUP 17.....                                 | \$ 31.81 | 22.55   |
| GROUP 18.....                                 | \$ 30.40 | 22.55   |

FOOTNOTE:

Paid Holidays: New Year's Day, Memorial Day, Fourth of July, Labor Day, Thanksgiving Day and Christmas Day.

POWER EQUIPMENT OPERATOR CLASSIFICATIONS

GROUP 1: Engineer when operating combination of boom and jib 400' or longer

GROUP 2: Engineer when operating combination of boom and jib 400' or longer on a crane that requires an oiler

GROUP 3: Engineer when operating combination of boom and jib 300' or longer

GROUP 4: Engineer when operating combination of boom and jib 300' or longer on a crane that requires an oiler

GROUP 5: Engineer when operating combination of boom and jib 220' or longer

GROUP 6: Engineer when operating combination of boom and jib 220' or longer on a crane that requires an oiler

GROUP 7: Engineer when operating combination of boom and jib 140' or longer

GROUP 8: Engineer when operating combination of boom and jib 140' or longer on a crane that requires an oiler

GROUP 9: Tower crane & derrick operator (where operator's work station is 50 ft. or more above first sub-level)

GROUP 10: Tower crane & derrick operator (where operator's work station is 50 ft. or more above first sub-level) on a crane that requires an oiler

GROUP 11: Engineer when operating combination of boom and jib 120' or longer

GROUP 12: Engineer when operating combination of boom and jib 120' or longer on a crane that requires an oiler

GROUP 13: Crane operator; job mechanic and 3 drum hoist and excavator

GROUP 14: Crane operator on a crane that requires an oiler

GROUP 15: Hoisting operator; 2 drum hoist and rubber tired backhoe

GROUP 16: Forklift and 1 drum hoist

GROUP 17: Compressor or welder operator

GROUP 18: Oiler

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ENGI0324-004 06/01/2016

AREA 1: ALLEGAN, BARRY, BERRIEN, BRANCH, CALHOUN, CASS, EATON, HILLSDALE, IONIA, KALAMAZOO, KENT, LAKE, MANISTEE, MASON, MECOSTA, MONTCALM, MUSKEGON, NEWAYGO, OCEANA, OSCEOLA, OTTAWA, ST. JOSEPH, VAN BUREN

AREA 2: ANTRIM, BENZIE, CHARLEVOIX, EMMET, GRAND TRAVERSE, KALKASKA, LEELANAU, MISSAUKEE AND WEXFORD COUNTIES:

Rates Fringes

OPERATOR: Power Equipment (Steel Erection)

AREA 1

|              |          |       |
|--------------|----------|-------|
| GROUP 1..... | \$ 44.07 | 22.55 |
| GROUP 2..... | \$ 40.80 | 22.55 |
| GROUP 3..... | \$ 39.62 | 22.55 |
| GROUP 4..... | \$ 36.92 | 22.55 |
| GROUP 5..... | \$ 31.81 | 22.55 |
| GROUP 6..... | \$ 30.40 | 22.55 |

AREA 2

|              |          |       |
|--------------|----------|-------|
| GROUP 1..... | \$ 44.07 | 22.55 |
| GROUP 2..... | \$ 40.80 | 22.55 |

|              |          |       |
|--------------|----------|-------|
| GROUP 3..... | \$ 39.26 | 22.55 |
| GROUP 4..... | \$ 36.92 | 22.55 |
| GROUP 5..... | \$ 31.81 | 22.55 |
| GROUP 6..... | \$ 30.40 | 22.55 |

FOOTNOTES:

Crane operator with main boom and jib 300' or longer: \$1.50 additional to the group 1 rate. Crane operator with main boom and jib 400' or longer: \$3.00 additional to the group 1 rate.

PAID HOLIDAYS: New Year's Day, Memorial Day, Fourth of July, Labor Day, Thanksgiving Day and Christmas Day.

POWER EQUIPMENT OPERATOR CLASSIFICATIONS:

GROUP 1: Crane Operator with main boom & jib 400', 300', or 220' or longer.

GROUP 2: Crane Operator with main boom & jib 140' or longer, Tower Crane; Gantry Crane; Whirley Derrick.

GROUP 3: Regular Equipment Operator, Crane, Dozer, Loader, Hoist, Straddle Wagon, Mechanic, Grader and Hydro Excavator.

GROUP 4: Air Tugger (single drum), Material Hoist Pump 6" or over, Elevators, Brokk Concrete Breaker.

GROUP 5: Air Compressor, Welder, Generators, Conveyors

GROUP 6: Oiler and fire tender

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ENGI0324-005 06/01/2016

AREA 1: GENESEE, LAPEER, LIVINGSTON, MACOMB, MONROE, OAKLAND, ST. CLAIR, WASHTENAW AND WAYNE COUNTIES

AREA 2: ALCONA, ALLEGAN, ALGER, ALPENA, ANTRIM, ARENAC, BARAGA, BARRY, BAY, BENZIE, BERRIEN, BRANCH, CALHOUN, CASS, CHARLEVOIX, CHEBOYGAN, CHIPPEWA, CLARE, CLINTON, CRAWFORD, DELTA, DICKINSON, EATON, EMMET, GLADWIN, GOGEBIC, GRAND TRAVERSE, GRATIOT, HILLSDALE, HOUGHTON, HURON, INGHAM, IONIA, IOSCO, IRON, ISABELLA, JACKSON, KALAMAZOO, KALKASKA, KENT, KWEENAW, LAKE, LEELANAU, LENAWEE, LUCE, MACKINAC, MANISTEE, MARQUETTE, MASON, MECOSTA, MENOMINEE, MIDLAND, MISSAUKEE, MONTCALM, MONTMORENCY, MUSKEGON, NEWAYGO, OCEANA, OGEMAW, ONTONAGON, OSCEOLA, OSCODA, OTSEGO, OTTAWA, PRESQUE ISLE, ROSCOMMON, SAGINAW, SANILAC, SCHOOLCRAFT, SHIAWASSEE, ST. JOSEPH, TUSCOLA, VAN BUREN AND WEXFORD COUNTIES

Rates Fringes

OPERATOR: Power Equipment  
(Underground construction  
(including sewer))

AREA 1:

|              |          |       |
|--------------|----------|-------|
| GROUP 1..... | \$ 31.58 | 22.85 |
| GROUP 2..... | \$ 26.85 | 22.85 |
| GROUP 3..... | \$ 26.12 | 22.85 |
| GROUP 4..... | \$ 25.55 | 22.85 |

AREA 2:

|              |          |       |
|--------------|----------|-------|
| GROUP 1..... | \$ 29.87 | 22.85 |
| GROUP 2..... | \$ 24.98 | 22.85 |

|              |          |       |
|--------------|----------|-------|
| GROUP 3..... | \$ 24.48 | 22.85 |
| GROUP 4..... | \$ 24.20 | 22.85 |

POWER EQUIPMENT OPERATOR CLASSIFICATIONS

GROUP 1: Backfiller tamper; Backhoe; Batch plant operator (concrete); Clamshell; Concrete paver (2 drums or larger); Conveyor loader (Euclid type); Crane (crawler, truck type or pile driving); Dozer; Dragline; Elevating grader; Endloader; Gradall (and similar type machine); Grader; Mechanic; Power shovel; Roller (asphalt); Scraper (self-propelled or tractor drawn); Side boom tractor (type D-4 or equivalent and larger); Slip form paver; Slope paver; Trencher (over 8 ft. digging capacity); Well drilling rig; Concrete pump with boom operator; Hydro Excavator

GROUP 2: Boom truck (power swing type boom); Crusher; Hoist; Pump (1 or more - 6-in. discharge or larger - gas or diesel- powered or powered by generator of 300 amperes or more - inclusive of generator); Side boom tractor (smaller than type D-4 or equivalent); Tractor (pneu-tired, other than backhoe or front end loader); Trencher (8-ft. digging capacity and smaller);Vac Truck

GROUP 3: Air compressors (600 cfm or larger); Air compressors (2 or more-less than 600 cfm); Boom truck (non-swinging, non- powered type boom); Concrete breaker (self-propelled or truck mounted - includes compressor); Concrete paver (1 drum-1/2 yd. or larger); Elevator (other than passenger); Maintenance person; Pump (2 or more-4-in. up to 6-in. discharge-gas or diesel powered - excluding submersible pumps); Pumpcrete machine (and similar equipment); Wagon drill (multiple); Welding machine or generator (2 or more-300 amp. or larger - gas or diesel powered)

GROUP 4: Boiler; Concrete saw (40 hp or over); Curing machine (self-propelled); Farm tractor (with attachment); Finishing machine (concrete); Fire person; Hydraulic pipe pushing machine; Mulching equipment; Oiler; Pumps (2 or more up to 4-in. discharge, if used 3 hours or more a day, gas or diesel powered - excluding submersible pumps); Roller (other than asphalt); Stump remover; Trencher (service); Vibrating compaction equipment, self-propelled (6 ft. wide or over); End dump operator; Sweeper (Wayne type); Water wagon and Extend-a boom forklift

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 ENGI0324-006 06/01/2016

AREA 1: GENESEE, MACOMB, MONROE, OAKLAND, WASHTENAW AND WAYNE COUNTIES

AREA 2: ALCONA, ALGER, ALLEGAN, ALPENA, ANTRIM, ARENAC, BARAGA, BARRY, BAY, BENZIE, BERRIEN, BRANCH, CALHOUN, CASS, CHARLEVOIX, CHEBOYGAN, CHIPPEWA, CLARE, CLINTON, CRAWFORD, DELTA, DICKINSON, EATON, EMMET, GLADWIN, GOGEBIC, GRAND TRAVERSE, GRATIOT, HILLSDALE, HOUGHTON, HURON, INGHAM, IONIA, IOSCO, IRON, ISABELLA, JACKSON, KALAMAZOO, KALKASKA, KENT, KEWEENAW, LAKE, LAPEER, LEELANAU, LENAWEE, LIVINGSTON, LUCE, MACKINAC, MANISTEE, MARQUETTE, MASON, MECOSTA, MENOMINEE, MIDLAND, MISSAUKEE, MONTCALM, MONTMORENCY, MUSKEGON, NEWAYGO, OCEANA, OGEMAW, ONTONAGON, OSCEOLA, OSCODA, OTSEGO, OTTAWA, PRESQUE ISLE, ROSCOMMON, SAGINAW, ST. CLARE, ST. JOSEPH, SANILAC, SCHOOLCRAFT, SHIAWASSEE, TUSCOLA, VAN BUREN AND WEXFORD COUNTIES



| Rates | Fringes |
|-------|---------|
|-------|---------|

Power equipment operators:  
(AIRPORT, BRIDGE & HIGHWAY  
CONSTRUCTION)

AREA 1

|              |          |       |
|--------------|----------|-------|
| GROUP 1..... | \$ 31.66 | 22.85 |
| GROUP 2..... | \$ 24.93 | 22.85 |
| GROUP 3..... | \$ 26.23 | 22.85 |
| GROUP 4..... | \$ 24.37 | 22.85 |
| GROUP 5..... | \$ 24.20 | 22.85 |

AREA 2

|              |          |       |
|--------------|----------|-------|
| GROUP 1..... | \$ 31.66 | 22.85 |
| GROUP 2..... | \$ 24.78 | 22.85 |
| GROUP 3..... | \$ 26.08 | 22.85 |
| GROUP 4..... | \$ 24.22 | 22.85 |
| GROUP 5..... | \$ 23.90 | 22.85 |

POWER EQUIPMENT OPERATOR CLASSIFICATIONS

GROUP 1: Asphalt plant operator; Crane operator (does not include work on bridge construction projects when the crane operator is erecting structural components); Dragline operator; Shovel operator; Locomotive operator; Paver operator (5 bags or more); Elevating grader operator; Pile driving operator; Roller operator (asphalt); Blade grader operator; Trenching machine operator (ladder or wheel type); Auto-grader; Slip form paver; Self-propelled or tractor-drawn scraper; Conveyor loader operator (Euclid type); Endloader operator (1 yd. capacity and over); Bulldozer; Hoisting engineer; Tractor operator; Finishing machine operator (asphalt); Mechanic; Pump operator (6-in. discharge or over, gas, diesel powered or generator of 300 amp. or larger); Shouldering or gravel distributing machine operator (self-propelled); Backhoe (with over 3/8 yd. bucket); Side boom tractor (type D-4 or equivalent or larger); Tube finisher (slip form paving); Gradall (and similar type machine); Asphalt paver (self-propelled); Asphalt planer (self-propelled); Batch plant (concrete-central mix); Slurry machine (asphalt); Concrete pump (3 in. and over); Roto-mill; Swinging boom truck (over 12 ton capacity); Hydro demolisher (water blaster); Farm-type tractor with attached pan

GROUP 2: Screening plant operator; Washing plant operator; Crusher operator; Backhoe (with 3/8 yd. bucket or less); Side boom tractor (smaller than D-4 type or equivalent); Sweeper (Wayne type and similar equipment); Vacuum truck operator; Batch plant (concrete dry batch)

GROUP 3: Grease Truck

GROUP 4: Air compressor operator (600 cu. ft. per min or more); Air compressor operator (two or more, less than 600 cfm); Wagon drill operator; Concrete breaker; Tractor operator (farm type with attachment)

GROUP 5: Boiler fire tender; Oiler; Fire tender; Trencher (service); Flexplane operator; Cleftplane operator; Grader operator (self-propelled fine-grade or form (concrete)); Finishing machine operator (concrete); Boom or winch hoist truck operator; Endloader operator (under 1 yd. capacity); Roller operator (other than asphalt); Curing equipment operator (self-propelled); Concrete saw operator (40 h.p.

or over); Power bin operator; Plant drier operator (asphalt); Vibratory compaction equipment operator (6 ft. wide or over); Guard post driver operator (power driven); All mulching equipment; Stump remover; Concrete pump (under 3-in.); Mesh installer (self-propelled); Tractor operator (farm type); End dump; Skid steer

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ENGI0324-007 05/01/2016

ALGER, BARAGA, CHIPPEWA, DELTA, DICKINSON, GOGEBIC, HOUGHTON, IRON, KEWEENAW, LUCE, MACKINAC MARQUETTE, MENOMINEE, ONTONAGON AND SCHOOLCRAFT COUNTIES:

|   | Rates    | Fringes |
|---|----------|---------|
| OPERATOR: Power Equipment<br>(Steel Erection)       |          |         |
| Compressor, welder and forklift.....                | \$ 25.46 | 22.55   |
| Crane operator, main boom & jib 120' or longer..... | \$ 29.21 | 22.55   |
| Crane operator, main boom & jib 140' or longer..... | \$ 29.46 | 22.55   |
| Crane operator, main boom & jib 220' or longer..... | \$ 29.71 | 22.55   |
| Mechanic with truck and tools.....                  | \$ 30.21 | 22.55   |
| Oiler and fireman.....                              | \$ 24.16 | 22.55   |
| Regular operator.....                               | \$ 28.71 | 22.55   |

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ENGI0324-008 10/01/2015

ALCONA, ALGER, ALLEGAN, ALPENA, ANTRIM, ARENAC, BARAGA, BARRY, BAY, BENZIE, BERRIEN, BRANCH, CALHOUN, CASS, CHARLEVOIX, CHEBOYGAN, CHIPPEWA, CLARE, CLINTON, CRAWFORD, DELTA, DICKINSON, EATON, EMMET, GENESEE, GLADWIN, GOGEBIC, GRAND TRAVERSE, GRATIOT, HILLSDALE, HOUGHTON, HURON, INGHAM, IONIA, IOSCO, IRON, ISABELLA, JACKSON, KALAMAZOO, KALKASKA, KENT, KEWEENAW, LAKE, LAPEER, LEELANAU, LENAWEE, LIVINGSTON, LUCE, MACKINAC, MACOMB, MANISTEE, MARQUETTE, MASON, MECOSTA, MENOMINEE, MIDLAND, MISSAUKEE, MONTCALM, MONTMORENCY, MONROE, MUSKEGON, NEWAYGO, OAKLAND, OCEANA, OGEMAW, ONTONAGON, OSCEOLA, OSCODA, OTSEGO, OTTAWA, PRESQUE ISLE, ROSCOMMON, SAGINAW, ST. CLARE, ST. JOSEPH, SANILAC, SCHOOLCRAFT, SHIAWASSEE, TUSCOLA, VAN BUREN, WASHTENAW, WAYNE AND WEXFORD COUNTIES

|   | Rates    | Fringes |
|---|----------|---------|
| OPERATOR: Power Equipment<br>(Sewer Relining) |          |         |
| GROUP 1.....                                  | \$ 30.70 | 12.93   |
| GROUP 2.....                                  | \$ 29.17 | 12.93   |

SEWER RELINING CLASSIFICATIONS

GROUP 1: Operation of audio-visual closed circuit TV system, including remote in-ground cutter and other equipment used in connection with the CCTV system

GROUP 2: Operation of hot water heaters and circulation systems, water jetters and vacuum and mechanical debris removal systems

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ENGI0325-012 05/01/2016

AREA 1: MACOMB, MONROE, OAKLAND, ST. CLAIR, WASHTENAW AND WAYNE COUNTIES

AREA 2: ALCONA, ALGER, ALLEGAN, ALPENA, ANTRIM, ARENAC, BARAGA, BARRY, BAY, BENZIE, BERRIEN, BRANCH, CALHOUN, CASS, CHARLEVOIX, CHEBOYGAN, CHIPPEWA, CLARE, CLINTON, CRAWFORD, DELTA, DICKINSON, EATON, EMMET, GENESEE, GLADWIN, GOGEBIC, GRAND TRAVERSE, GRATIOT, HILLSDALE, HOUGHTON, HURON, INGHAM, IONIA, IOSCO, IRON, ISABELLA, JACKSON, KALAMAZOO, KALKASKA, KENT, KEWEENAW, LAKE, LAPEER, LEELANAU, LENAWEE, LIVINGSTON LUCE, MACKINAC, MANISTEE, MARQUETTE, MASON, MECOSTA, MENOMINEE, MIDLAND, MISSAUKEE, MONTCALM, MONTMORENCY, MUSKEGON, NEWAYGO, OCEANA, OGEMAW, ONTONAGON, OSCEOLA, OSCODA, OTSEGO, OTTAWA, PRESQUE ISLE, ROSCOMMON, SAGINAW, ST. JOSEPH, SANILAC, SCHOOLCRAFT, SHIAWASSEE, TUSCOLA, VAN BUREN AND WEXFORD COUNTIES

Rates Fringes

Power equipment operators -  
gas distribution and duct  
installation work:

|                |          |       |
|----------------|----------|-------|
| AREA 1         |          |       |
| GROUP 1.....   | \$ 29.23 | 22.80 |
| GROUP 2.....   | \$ 29.10 | 22.80 |
| GROUP 3.....   | \$ 27.98 | 22.80 |
| GROUP 4.....   | \$ 27.40 | 22.80 |
| AREA 2         |          |       |
| GROUP 1.....   | \$ 28.32 | 22.80 |
| GROUP 2-A..... | \$ 28.22 | 22.80 |
| GROUP 2-B..... | \$ 28.00 | 22.80 |
| GROUP 3.....   | \$ 27.22 | 22.80 |
| GROUP 4.....   | \$ 26.72 | 22.80 |

SCOPE OF WORK: The construction, installation, treating and reconditioning of pipelines transporting gas vapors within cities, towns, subdivisions, suburban areas, or within private property boundaries, up to and including private meter settings of private industrial, governmental or other premises, more commonly referred to as "distribution work," starting from the first metering station, connection, similar or related facility, of the main or cross country pipeline and including duct installation.

AREA 1:

- GROUP 1: Backhoe, crane, grader, mechanic, dozer (D-6 equivalent or larger), side boom (D-4 equivalent or larger), trencher(except service), endloader (2 yd. capacity or greater).
- GROUP 2: Dozer (less than D-6 equivalent), endloader (under 2 yd. capacity), side boom (under D-4 capacity), backfiller, pumps (1 or 2 of 6-inch discharge or greater), boom truck (with powered boom), tractor (wheel type other than backhoe or front endloader).
- GROUP 3: Tamper (self-propelled), boom truck (with non-powered boom), concrete saw (20 hp or larger), pumps (2 to 4 under 6-inch discharge), compressor (2 or more or when one is used continuously into the second day) and

trencher(service).

GROUP 4: Oiler, hydraulic pipe pushing machine, grease person and hydrostatic testing operator.

AREA 2:

GROUP 1: Mechanic, crane (over 1/2 yd. capacity), backhoe (over 1/2 yd. capacity), grader (Caterpillar 12 equivalent or larger)

GROUP 2-A: Trencher(except service), backhoe (1/2 yd. capacity or less)

GROUP 2-B: Crane (1/2 yd. capacity or less), compressor (2 or more), dozer (D-4 equivalent or larger), endloader (1 yd. capacity or larger), pump (1 or 2 six-inch or larger), side boom (D-4 equivalent or larger)

GROUP 3: Backfiller, boom truck (powered), concrete saw (20 hp or larger), dozer (less than D-4 equivalent), endloader (under 1 yd. capacity), farm tractor (with attachments), pump (2 - 4 under six-inch capacity), side boom tractor(less than D-4 equivalent), tamper (self-propelled), trencher service and grader maintenance

GROUP 4: Oiler, grease person and hydrostatic testing operator

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IRON0008-007 05/01/2015

ALGER, BARAGA, CHIPPEWA, DELTA, DICKINSON, GOGEBIC, HOUGHTON, IRON, KEWEENAW, LUCE, MACKINAC MARQUETTE, MENOMINEE, ONTONAGON AND SCHOOLCRAFT COUNTIES:

|   | Rates    | Fringes |
|---|----------|---------|
| Ironworker - pre-engineered metal building erector..... | \$ 23.70 | 6.95    |
| IRONWORKER  |          |         |
| General contracts                                       |          |         |
| \$10,000,000 or greater.....                            | \$ 26.52 | 24.35   |
| General contracts less than \$10,000,000.....           | \$ 23.11 | 24.35   |

Paid Holidays: New Year's Day, Memorial Day, July 4th, Labor Day, Thanksgiving Day & Christmas Day.

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IRON0025-002 06/01/2015

ALCONA, ALPENA, ARENAC, BAY, CHEBOYGAN, CLARE, CLINTON, CRAWFORD, GENESEE, GLADWIN, GRATIOT, HURON, INGHAM, IOSCO, ISABELLA, JACKSON, LAPEER, LIVINGSTON, MACOMB, MIDLAND, MONTMORENCY, OAKLAND, OGEAW, OSCODA, OTSEGO, PRESQUE ISLE, ROSCOMMON, SAGINAW, SANILAC, SHIAWASSEE, ST. CLAIR, TUSCOLA, WASHTENAW AND WAYNE COUNTIES:

|  | Rates | Fringes |
|--|-------|---------|
| Ironworker - pre-engineered metal building erector |       |         |
| Alcona, Alpena, Arenac,                            |       |         |

|  |          |       |
|--|----------|-------|
| Cheboygan, Clare, Clinton,<br>Crawford, Gladwin,<br>Gratiot, Huron, Ingham,<br>Iosco, Isabella, Jackson,<br>Lapeer, Livingston (west<br>of Burkhardt Road),<br>Montmorency, Ogemaw,<br>Oscoda, Otsego, Presque<br>Isle, Roscommon, Sanilac,<br>Shiawassee, Tuscola &<br>Washtenaw (west of U.S. 23). | \$ 22.17 | 20.13 |
| Bay, Genesee, Lapeer,<br>Livingston (east of<br>Burkhardt Road), Macomb,<br>Midland, Oakland, Saginaw,<br>St. Clair, The University<br>of Michigan, Washtenaw<br>(east of U.S. 23) & Wayne...  | \$ 23.39 | 21.13 |
| IRONWORKER   |          |       |
| Ornamental and Structural...   | \$ 33.78 | 27.84 |
| Reinforcing.....   | \$ 28.30 | 24.60 |

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IRON0055-005 07/01/2013

LENAWEE AND MONROE COUNTIES:

|  | Rates    | Fringes |
|--|----------|---------|
| IRONWORKER                             |          |         |
| Pre-engineered metal<br>buildings..... | \$ 23.59 | 19.35   |
| All other work.....                    | \$ 28.32 | 19.35   |

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IRON0292-003 06/01/2016

BERRIEN AND CASS COUNTIES:

|   | Rates    | Fringes |
|---|----------|---------|
| IRONWORKER (Including<br>pre-engineered metal building<br>erector)..... |          |         |
|   | \$ 28.81 | 20.16   |

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IRON0340-001 06/01/2015

ALLEGAN, ANTRIM, BARRY, BENZIE, BRANCH, CALHOUN, CHARLEVOIX,  
EATON, EMMET, GRAND TRAVERSE, HILLSDALE, IONIA, KALAMAZOO,  
KALKASKA, KENT, LAKE, LEELANAU, MANISTEE, MASON, MECOSTA,  
MISSAUKEE, MONTCALM, MUSKEGON, NEWAYGO, OCEANA, OSCEOLA,  
OTTAWA, ST. JOSEPH, VAN BUREN AND WEXFORD COUNTIES:

|   | Rates    | Fringes |
|---|----------|---------|
| IRONWORKER (Including<br>pre-engineered metal building<br>erector)..... |          |         |
|   | \$ 21.68 | 24.37   |

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LAB00005-006 10/01/2014

|  | Rates | Fringes |
|--|-------|---------|
|--|-------|---------|

Laborers - hazardous waste  
abatement: (ALCONA, ALPENA,  
ANTRIM, BENZIE, CHARLEVOIX,

CHEBOYGAN, CRAWFORD, EMMET,  
 GRAND TRAVERSE, IOSCO,  
 KALKASKA, LEELANAU,  
 MISSAUKEE, MONTMORENCY,  
 OSCODA, OTSEGO, PRESQUE ISLE  
 AND WEXFORD COUNTIES - Zone  
 10)

|   |       |
|---|-------|
| Levels A, B or C.....\$ 17.45   | 12.75 |
| Work performed in<br>conjunction with site<br>preparation not requiring<br>the use of personal<br>protective equipment; |       |
| Also, Level D.....\$ 16.45  | 12.75 |

Laborers - hazardous waste  
 abatement: (ALGER, BARAGA,  
 CHIPPEWA, DELTA, DICKINSON,  
 GOGEBIC, HOUGHTON, IRON,  
 KEWEENAW, LUCE, MACKINAC,  
 MARQUETTE, MENOMINEE,  
 ONTONAGON AND SCHOOLCRAFT  
 COUNTIES - Zone 11)

|   |       |
|---|-------|
| Levels A, B or C.....\$ 20.91   | 12.78 |
| Work performed in<br>conjunction with site<br>preparation not requiring<br>the use of personal<br>protective equipment; |       |
| Also, Level D.....\$ 19.91  | 12.78 |

Laborers - hazardous waste  
 abatement: (ALLEGAN, BARRY,  
 BERRIEN, BRANCH, CALHOUN,  
 CASS, IONIA COUNTY (except  
 the city of Portland);  
 KALAMAZOO, KENT, LAKE,  
 MANISTEE, MASON, MECOSTA,  
 MONTCALM, MUSKEGON, NEWAYGO,  
 OCEANA, OSCEOLA, OTTAWA, ST.  
 JOSEPH AND VAN BUREN COUNTIES  
 - Zone 9)

|   |       |
|---|-------|
| Levels A, B or C.....\$ 19.99   | 12.75 |
| Work performed in<br>conjunction with site<br>preparation not requiring<br>the use of personal<br>protective equipment; |       |
| Also, Level D.....\$ 18.99  | 12.75 |

Laborers - hazardous waste  
 abatement: (ARENAC, BAY,  
 CLARE, GLADWIN, GRATIOT,  
 HURON, ISABELLA, MIDLAND,  
 OGEMAW, ROSCOMMON, SAGINAW  
 AND TUSCOLA COUNTIES - Zone 8)

|   |       |
|---|-------|
| Levels A, B or C.....\$ 20.02   | 12.75 |
| Work performed in<br>conjunction with site<br>preparation not requiring<br>the use of personal<br>protective equipment; |       |
| Also, Level D.....\$ 19.02  | 12.75 |

Laborers - hazardous waste  
 abatement: (CLINTON, EATON  
 AND INGHAM COUNTIES; IONIA  
 COUNTY (City of Portland);  
 LIVINGSTON COUNTY (west of

|   |       |
|---|-------|
| Oak Grove Rd., including the<br>City of Howell) - Zone 6)   |       |
| Levels A, B or C.....\$ 23.29   | 12.75 |
| Work performed in<br>conjunction with site<br>preparation not requiring<br>the use of personal<br>protective equipment;   |       |
| Also, Level D.....\$ 22.29  | 12.75 |
| Laborers - hazardous waste<br>abatement: (GENESEE, LAPEER<br>AND SHIAWASSEE COUNTIES -<br>Zone 7)   |       |
| Levels A, B or C.....\$ 23.40   | 12.79 |
| Work performed in<br>conjunction with site<br>preparation not requiring<br>the use of personal<br>protective equipment;   |       |
| Also, Level D.....\$ 22.40  | 12.79 |
| Laborers - hazardous waste<br>abatement: (HILLSDALE,<br>JACKSON AND LENAWEЕ COUNTIES<br>- Zone 4)   |       |
| Levels A, B or C.....\$ 30.00   | 14.09 |
| Work performed in<br>conjunction with site<br>preparation not requiring<br>the use of personal<br>protective equipment;   |       |
| Also, Level D.....\$ 29.00  | 14.09 |
| Laborers - hazardous waste<br>abatement: (LIVINGSTON COUNTY<br>(east of Oak Grove Rd. and<br>south of M-59, excluding the<br>city of Howell); AND<br>WASHTENAW COUNTY - Zone 3) |       |
| Levels A, B or C.....\$ 29.32   | 13.85 |
| Work performed in<br>conjunction with site<br>preparation not requiring<br>the use of personal<br>protective equipment;   |       |
| Also, Level D.....\$ 28.32  | 13.85 |
| Laborers - hazardous waste<br>abatement: (MACOMB AND WAYNE<br>COUNTIES - Zone 1)  |       |
| Levels A, B or C.....\$ 27.94   | 16.55 |
| Work performed in<br>conjunction with site<br>preparation not requiring<br>the use of personal<br>protective equipment;   |       |
| Also, Level D.....\$ 26.94  | 16.55 |
| Laborers - hazardous waste<br>abatement: (MONROE COUNTY -<br>Zone 4)  |       |
| Levels A, B or C.....\$ 30.00   | 14.09 |
| Work performed in<br>conjunction with site<br>preparation not requiring<br>the use of personal<br>protective equipment;   |       |
| Also, Level D.....\$ 29.00  | 14.09 |
| Laborers - hazardous waste  |       |

abatement: (OAKLAND COUNTY and the Northeast portion of LIVINGSTON COUNTY bordered by Oak Grove Road on the West and M-59 on the South - Zone 2)

|   |          |       |
|---|----------|-------|
| Level A, B, C.....  | \$ 27.94 | 16.55 |
| Work performed in conjunction with site preparation not requiring the use of personal protective equipment; |          |       |
| Also, Level D.....  | \$ 26.94 | 16.55 |

Laborers - hazardous waste abatement: (SANILAC AND ST. CLAIR COUNTIES - Zone 5)

|   |          |       |
|---|----------|-------|
| Levels A, B or C.....   | \$ 24.97 | 15.19 |
| Work performed in conjunction with site preparation not requiring the use of personal protective equipment; |          |       |
| Also, Level D.....  | \$ 23.97 | 15.19 |

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LAB00259-001 09/01/2016

AREA 1: MACOMB, OAKLAND AND WAYNE COUNTIES  
AREA 2: ALCONA, ALGER, ALLEGAN, ALPENA, ANTRIM, ARENAC, BARAGA, BARRY, BAY, BENZIE, BERRIEN, BRANCH, CALHOUN, CASS, CHARLEVOIX, CHEBOYGAN, CHIPPEWA, CLARE, CLINTON, CRAWFORD, DELTA, DICKINSON, EATON, EMMET, GENESEE, GLADWIN, GOGEBIC, GRAND TRAVERSE, GRATIOT, HILLSDALE, HOUGHTON, HURON, INGHAM, IONIA, IOSCO, IRON, ISABELLA, JACKSON, KALAMAZOO, KALKASKA, KENT, KEWEENAW, LAKE, LAPEER, LEELANAU, LENAWEE, LIVINGSTON, LUCE, MACKINAC, MANISTEE, MARQUETTE, MASON, MECOSTA, MENOMINEE, MIDLAND, MISSAUKEE, MONROE, MONTCALM, MONTMORENCY, MUSKEGON, NEWAYGO, OCEANA, OGEMAW, ONTONAGON, OSCEOLA, OSCODA, OTSEGO, OTTAWA, PRESQUE ISLE, ROSCOMMON, SAGINAW, ST. CLARE, ST. JOSEPH, SANILAC, SCHOOLCRAFT, SHIAWASSEE, TUSCOLA, VAN BUREN, WASHTENAW AND WEXFORD COUNTIES

Rates Fringes

Laborers - tunnel, shaft and caisson:

|              |          |       |
|--------------|----------|-------|
| AREA 1       |          |       |
| GROUP 1..... | \$ 21.87 | 16.70 |
| GROUP 2..... | \$ 21.98 | 16.70 |
| GROUP 3..... | \$ 22.04 | 16.70 |
| GROUP 4..... | \$ 22.22 | 16.70 |
| GROUP 5..... | \$ 22.47 | 16.70 |
| GROUP 6..... | \$ 22.80 | 16.70 |
| GROUP 7..... | \$ 16.08 | 16.70 |
| AREA 2       |          |       |
| GROUP 1..... | \$ 23.35 | 12.85 |
| GROUP 2..... | \$ 23.44 | 12.85 |
| GROUP 3..... | \$ 23.54 | 12.85 |
| GROUP 4..... | \$ 23.70 | 12.85 |
| GROUP 5..... | \$ 23.96 | 12.85 |
| GROUP 6..... | \$ 24.27 | 12.85 |
| GROUP 7..... | \$ 16.54 | 12.88 |

SCOPE OF WORK: Tunnel, shaft and caisson work of every type and description and all operations incidental thereto,



including, but not limited to, shafts and tunnels for sewers, water, subways, transportation, diversion, sewerage, caverns, shelters, aquifers, reservoirs, missile silos and steel sheeting for underground construction.

TUNNEL LABORER CLASSIFICATIONS

GROUP 1: Tunnel, shaft and caisson laborer, dump, shanty, hog house tender, testing (on gas) and watchman

GROUP 2: Manhole, headwall, catch basin builder, bricklayer tender, mortar machine and material mixer

GROUP 3: Air tool operator (jackhammer, bush hammer and grinder), first bottom, second bottom, cage tender, car pusher, carrier, concrete, concrete form, concrete repair, cement invert laborer, cement finisher, concrete shoveler, conveyor, floor, gasoline and electric tool operator, gunite, grout operator, welder, heading dinky person, inside lock tender, pea gravel operator, pump, outside lock tender, scaffold, top signal person, switch person, track, tugger, utility person, vibrator, winch operator, pipe jacking, wagon drill and air track operator and concrete saw operator (under 40 h.p.)

GROUP 4: Tunnel, shaft and caisson mucker, bracer, liner plate, long haul dinky driver and well point

GROUP 5: Tunnel, shaft and caisson miner, drill runner, key board operator, power knife operator, reinforced steel or mesh (e.g. wire mesh, steel mats, dowel bars, etc.)

GROUP 6: Dynamite and powder

GROUP 7: Restoration laborer, seeding, sodding, planting, cutting, mulching and top soil grading; and the restoration of property such as replacing mailboxes, wood chips, planter boxes, flagstones, etc.

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LAB00334-001 09/01/2016

Rates Fringes

Laborers - open cut:

ZONE 1 - MACOMB, OAKLAND AND WAYNE COUNTIES:

|              |          |       |
|--------------|----------|-------|
| GROUP 1..... | \$ 21.72 | 16.70 |
| GROUP 2..... | \$ 21.83 | 16.70 |
| GROUP 3..... | \$ 21.85 | 16.70 |
| GROUP 4..... | \$ 21.96 | 16.70 |
| GROUP 5..... | \$ 22.02 | 16.70 |
| GROUP 6..... | \$ 19.47 | 16.70 |
| GROUP 7..... | \$ 16.09 | 16.70 |

ZONE 2 - LIVINGSTON COUNTY (east of M-151 (Oak Grove Rd.)); MONROE AND

WASHTENAW COUNTIES:

|              |          |       |
|--------------|----------|-------|
| GROUP 1..... | \$ 23.00 | 12.85 |
| GROUP 2..... | \$ 23.11 | 12.85 |
| GROUP 3..... | \$ 23.23 | 12.85 |
| GROUP 4..... | \$ 23.30 | 12.85 |
| GROUP 5..... | \$ 23.45 | 12.85 |
| GROUP 6..... | \$ 20.75 | 12.85 |
| GROUP 7..... | \$ 17.39 | 12.85 |

ZONE 3 - CLINTON, EATON,  
 GENESEE, HILLSDALE AND  
 INGHAM COUNTIES; IONIA  
 COUNTY (City of Portland);  
 JACKSON, LAPEER AND  
 LENAWEE COUNTIES;  
 LIVINGSTON COUNTY (west of  
 M-151 Oak Grove Rd.);  
 SANILAC, ST. CLAIR AND  
 SHIAWASSEE COUNTIES:

|              |          |       |
|--------------|----------|-------|
| GROUP 1..... | \$ 21.19 | 12.85 |
| GROUP 2..... | \$ 21.33 | 12.85 |
| GROUP 3..... | \$ 21.45 | 12.85 |
| GROUP 4..... | \$ 21.50 | 12.85 |
| GROUP 5..... | \$ 21.64 | 12.85 |
| GROUP 6..... | \$ 18.94 | 12.85 |
| GROUP 7..... | \$ 16.09 | 12.85 |

ZONE 4 - ALCONA, ALLEGAN,  
 ALPENA, ANTRIM, ARENAC,  
 BARRY, BAY, BENZIE,  
 BERRIEN, BRANCH,  
 CALHOUN, CASS, CHARLEVOIX,  
 CHEBOYGAN, CLARE,  
 CRAWFORD, EMMET,  
 GLADWIN, GRAND TRAVERSE,  
 GRATIOT AND HURON  
 COUNTIES; IONIA COUNTY  
 (EXCEPT THE CITY OF  
 PORTLAND); IOSCO,  
 ISABELLA, KALAMAZOO,  
 KALKASKA, KENT,  
 LAKE, LEELANAU, MANISTEE,  
 MASON, MECOSTA, MIDLAND,  
 MISSAUKEE, MONTCALM,  
 MONTMORENCY, MUSKEGON,  
 NEWAYGO, OCEANA, OGEMAW,  
 OSCEOLA, OSCODA, OTSEGO,  
 OTTAWA, PRESQUE ISLE,  
 ROSCOMMON, SAGINAW, ST.  
 JOSEPH, TUSCOLA, VAN BUREN  
 AND WEXFORD COUNTIES:

|              |          |       |
|--------------|----------|-------|
| GROUP 1..... | \$ 20.20 | 12.85 |
| GROUP 2..... | \$ 20.33 | 12.85 |
| GROUP 3..... | \$ 20.44 | 12.85 |
| GROUP 4..... | \$ 20.51 | 12.85 |
| GROUP 5..... | \$ 20.63 | 12.85 |
| GROUP 6..... | \$ 17.85 | 12.85 |
| GROUP 7..... | \$ 16.19 | 12.85 |

ZONE 5 - ALGER, BARAGA,  
 CHIPPEWA, DELTA,  
 DICKINSON, GOGEBIC,  
 HOUGHTON, IRON,  
 KEWEENAW, LUCE, MACKINAC,  
 MARQUETTE, MENOMINEE,  
 ONTONAGON AND SCHOOLCRAFT  
 COUNTIES:

|              |          |       |
|--------------|----------|-------|
| GROUP 1..... | \$ 20.51 | 12.85 |
| GROUP 2..... | \$ 20.65 | 12.85 |
| GROUP 3..... | \$ 20.78 | 12.85 |
| GROUP 4..... | \$ 20.83 | 12.85 |
| GROUP 5..... | \$ 20.88 | 12.85 |
| GROUP 6..... | \$ 18.26 | 12.85 |
| GROUP 7..... | \$ 16.37 | 12.85 |

SCOPE OF WORK:

Open cut construction work shall be construed to mean work which requires the excavation of earth including industrial, commercial and residential building site excavation and preparation, land balancing, demolition and removal of concrete and underground appurtenances, grading, paving, sewers, utilities and improvements; retention, oxidation, flocculation and irrigation facilities, and also including but not limited to underground piping, conduits, steel sheeting for underground construction, and all work incidental thereto, and general excavation. For all areas except the Upper Peninsula, open cut construction work shall also be construed to mean waterfront work, piers, docks, seawalls, breakwalls, marinas and all incidental work. Open cut construction work shall not include any structural modifications, alterations, additions and repairs to buildings, or highway work, including roads, streets, bridge construction and parking lots or steel erection work and excavation for the building itself and back filling inside of and within 5 ft. of the building and foundations, footings and piers for the building. Open cut construction work shall not include any work covered under Tunnel, Shaft and Caisson work.

#### OPEN CUT LABORER CLASSIFICATIONS

##### GROUP 1: Construction laborer

GROUP 2: Mortar and material mixer, concrete form person, signal person, well point person, manhole, headwall and catch basin builder, headwall, seawall, breakwall and dock builder

GROUP 3: Air, gasoline and electric tool operator, vibrator operator, driller, pump person, tar kettle operator, bracer, rodder, reinforced steel or mesh person (e.g., wire mesh, steel mats, dowel bars, etc.), welder, pipe jacking and boring person, wagon drill and air track operator and concrete saw operator (under 40 h.p.), windlass and tugger person and directional boring person

##### GROUP 4: Trench or excavating grade person

GROUP 5: Pipe layer (including crock, metal pipe, multi-plate or other conduits)

GROUP 6: Grouting man, audio-visual television operations and all other operations in connection with closed circuit television inspection, pipe cleaning and pipe relining work and the installation and repair of water service pipe and appurtenances

GROUP 7: Restoration laborer, seeding, sodding, planting, cutting, mulching and top soil grading; and the restoration of property such as replacing mailboxes, wood chips, planter boxes, flagstones, etc.

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LAB00465-001 06/01/2016

LABORER: Highway, Bridge and Airport Construction

AREA 1: GENESEE, MACOMB, MONROE, OAKLAND, WASHTENAW AND WAYNE COUNTIES

AREA 2: ALLEGAN, BARRY, BAY, BERRIEN, BRANCH, CALHOUN, CASS, CLINTON, EATON, GRATIOT, HILLSDALE, HURON, INGHAM, JACKSON, KALAMAZOO, LAPEER, LENAWEE, LIVINGSTON, MIDLAND, MUSKEGON, SAGINAW, SANILAC, SHIAWASSEE, ST. CLAIR, ST. JOSEPH, TUSCOLA AND VAN BUREN COUNTIES

AREA 3: ALCONA, ALPENA, ANTRIM, ARENAC, BENZIE, CHARLEVOIX, CHEBOYGAN, CLARE, CRAWFORD, EMMET, GLADWIN, GRAND TRAVERSE, IONIA, IOSCO, ISABELLA, KALKASKA, KENT, LAKE, LEELANAU, MANISTEE, MASON, MECOSTA, MISSAUKEE, MONTCALM, MONTMORENCY, NEWAYGO, OCEANA, OGEMAW, OSCEOLA, OSCODA, OTSEGO, OTTAWA, PRESQUE ISLE, ROSCOMMON AND WEXFORD COUNTIES

AREA 4: ALGER, BARAGA, CHIPPEWA, DELTA, DICKINSON, GOGEBIC, HOUGHTON, IRON, KEWEENAW, LUCE, MACKINAC, MARQUETTE, MENOMINEE, ONTONAGON AND SCHOOLCRAFT COUNTIES

|                  | Rates    | Fringes |
|------------------|----------|---------|
| LABORER (AREA 1) |          |         |
| GROUP 1.....     | \$ 22.32 | 15.89   |
| GROUP 2.....     | \$ 22.45 | 15.89   |
| GROUP 3.....     | \$ 22.63 | 15.89   |
| GROUP 4.....     | \$ 22.71 | 15.89   |
| GROUP 5.....     | \$ 22.92 | 15.89   |
| GROUP 6.....     | \$ 23.22 | 15.89   |
| LABORER (AREA 2) |          |         |
| GROUP 1.....     | \$ 20.41 | 15.75   |
| GROUP 2.....     | \$ 20.61 | 15.75   |
| GROUP 3.....     | \$ 20.85 | 15.75   |
| GROUP 4.....     | \$ 21.20 | 15.75   |
| GROUP 5.....     | \$ 21.07 | 15.75   |
| GROUP 6.....     | \$ 21.41 | 15.75   |
| LABORER (AREA 3) |          |         |
| GROUP 1.....     | \$ 19.66 | 15.75   |
| GROUP 2.....     | \$ 19.87 | 15.75   |
| GROUP 3.....     | \$ 20.16 | 15.75   |
| GROUP 4.....     | \$ 20.60 | 15.75   |
| GROUP 5.....     | \$ 20.22 | 15.75   |
| GROUP 6.....     | \$ 20.65 | 15.75   |
| LABORER (AREA 4) |          |         |
| GROUP 1.....     | \$ 19.66 | 15.75   |
| GROUP 2.....     | \$ 19.87 | 15.75   |
| GROUP 3.....     | \$ 20.16 | 15.75   |
| GROUP 4.....     | \$ 20.60 | 15.75   |
| GROUP 5.....     | \$ 20.22 | 15.75   |
| GROUP 6.....     | \$ 20.65 | 15.75   |

LABORER CLASSIFICATIONS

GROUP 1: Asphalt shoveler or loader; asphalt plant misc.; burlap person; yard person; dumper (wagon, truck, etc.); joint filling laborer; miscellaneous laborer; unskilled laborer; sprinkler laborer; form setting laborer; form stripper; pavement reinforcing; handling and placing (e.g., wire mesh, steel mats, dowel bars); mason's tender or bricklayer's tender on manholes; manhole builder; headwalls, etc.; waterproofing, (other than buildings) seal coating and slurry mix, shoring, underpinning; pressure grouting; bridge pin and hanger removal; material recycling laborer; horizontal paver laborer (brick, concrete, clay, stone and asphalt); ground stabilization and modification laborer; grouting; waterblasting; top person; railroad track and trestle laborer; carpenters' tender; guard rail

builders' tender; earth retention barrier and wall and M.S.E. wall installer's tender; highway and median installer's tender(including sound, retaining, and crash barriers); fence erector's tender; asphalt raker tender; sign installer; remote control operated equipment.

GROUP 2: Mixer operator (less than 5 sacks); air or electric tool operator (jackhammer, etc.); spreader; boxperson (asphalt, stone, gravel); concrete paddler; power chain saw operator; paving batch truck dumper; tunnel mucker (highway work only); concrete saw (under 40 h.p.) and dry pack machine; roto-mill grounds person.

GROUP 3: Tunnel miner (highway work only); finishers tenders; guard rail builders; highway and median barrier installer; earth retention barrier and wall and M.S.E. wall installer's (including sound, retaining and crash barriers); fence erector; bottom person; powder person; wagon drill and air track operator; diamond and core drills; grade checker; certified welders; curb and side rail setter's tender.

GROUP 4: Asphalt raker

GROUP 5: Pipe layers, oxy-gun

GROUP 6: Line-form setter for curb or pavement; asphalt screed checker/screw man on asphalt paving machines.

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LAB01076-005 04/01/2016

MICHIGAN STATEWIDE

|                             | Rates    | Fringes |
|-----------------------------|----------|---------|
| LABORER (DISTRIBUTION WORK) |          |         |
| Zone 1.....                 | \$ 19.77 | 12.85   |
| Zone 2.....                 | \$ 18.15 | 12.85   |
| Zone 3.....                 | \$ 16.38 | 12.85   |
| Zone 4.....                 | \$ 15.75 | 12.85   |
| Zone 5.....                 | \$ 15.75 | 12.85   |

DISTRIBUTION WORK - The construction, installation, treating and reconditioning of distribution pipelines transporting coal, oil, gas or other similar materials, vapors or liquids, including pipelines within private property boundaries, up to and including the meter settings on residential, commercial, industrial, institutional, private and public structures. All work covering pumping stations and tank farms not covered by the Building Trades Agreement. Other distribution lines with the exception of sewer, water and cable television are included.

Underground Duct Layer Pay: \$.40 per hour above the base pay rate.

- Zone 1 - Macomb, Oakland and Wayne
- Zone 2 - Monroe and Washtenaw
- Zone 3 - Bay, Genesee, Lapeer, Midland, Saginaw, Sanilac, Shiawassee and St. Clair
- Zone 4 - Alger, Baraga, Chippewa, Delta, Dickinson, Gogebic, Houghton, Iron, Keweenaw, Luce, Mackinac, Marquette, Menominee, Ontonagon and Schoolcraft
- Zone 5 - Remaining Counties in Michigan

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PAIN0022-002 07/01/2008

HILLSDALE, JACKSON AND LENAWEE COUNTIES; LIVINGSTON COUNTY (east of the eastern city limits of Howell, not including the city of Howell, north to the Genesee County line and south to the Washtenaw County line); MACOMB, MONROE, OAKLAND, WASHTENAW AND WAYNE COUNTIES:

|              | Rates    | Fringes |
|--------------|----------|---------|
| PAINTER..... | \$ 25.06 | 14.75   |

FOOTNOTES: For all spray work and journeyman rigging for spray work, also blowing off, \$0.80 per hour additional (applies only to workers doing rigging for spray work on off the floor work. Does not include setting up or moving rigging on floor surfaces, nor does it apply to workers engaged in covering up or tending spray equipment. For all sandblasting and spray work performed on highway bridges, overpasses, tanks or steel, \$0.80 per hour additional. For all brushing, cleaning and other preparatory work (other than spraying or steeplejack work) at scaffold heights of fifty (50) feet from the ground or higher, \$0.50 per hour additional. For all preparatorial work and painting performed on open steel under forty (40) feet when no scaffolding is involved, \$0.50 per hour additional. For all swing stage work-window jacks and window belts-exterior and interior, \$0.50 per hour additional. For all spray work and sandblaster work to a scaffold height of forty (40) feet above the floor level, \$0.80 per hour additional. For all preparatorial work and painting on all highway bridges or overpasses up to forty (40) feet in height, \$0.50 per hour additional. For all steeplejack work performed where the elevation is forty (40) feet or more, \$1.25 per hour additional.

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PAIN0312-001 06/12/2014

EXCLUDES: ALLEGAN COUNTY (Townships of Dorr, Fillmore, Heath, Hopkins, Laketown, Leighton, Manlius, Monterey, Overisel, Salem, Saugatuck and Wayland); INCLUDES: Barry, Berrien, Branch, Calhoun, Cass, Hillsdale, Kalamazoo, St. Joseph, Van Buren

|                        | Rates    | Fringes |
|------------------------|----------|---------|
| PAINTER                |          |         |
| Brush and roller.....  | \$ 21.75 | 11.94   |
| Spray, Sandblast, Sign |          |         |
| Painting.....          | \$ 22.75 | 11.94   |

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PAIN0845-003 05/21/2014

CLINTON COUNTY; EATON COUNTY (does not include the townships of Bellevue and Olivet); INGHAM COUNTY; IONIA COUNTY (east of Hwy. M 66); LIVINGSTON COUNTY (west of the eastern city limits of Howell, including the city of Howell, north to the Genesee County line and south to the Washtenaw County line); AND SHIAWASSEE COUNTY (Townships of Bennington, Laingsbury and Perry):

|              | Rates    | Fringes |
|--------------|----------|---------|
| PAINTER..... | \$ 21.89 | 11.85   |

-----  
PAIN0845-015 05/21/2014

MUSKEGON COUNTY; NEWAYGO COUNTY (except the Townships of Barton, Big Prairie, Brooks, Croton, Ensley, Everett, Goodwell, Grant, Home, Monroe, Norwich and Wilcox); OCEANA COUNTY; OTTAWA COUNTY (except the townships of Allendale, Blendone, Chester, Georgetown, Holland, Jamestown, Olive, Park, Polkton, Port Sheldon, Tallmadge, Wright and Zeeland):

|              | Rates    | Fringes |
|--------------|----------|---------|
| PAINTER..... | \$ 21.89 | 11.85   |

-----  
PAIN0845-018 05/21/2014

ALLEGAN COUNTY (Townships of Dorr, Fillmore, Heath, Hopkins, Laketown, Leighton, Manlius, Monterey, Overisel, Salem, Saugatuck and Wayland); IONIA COUNTY (west of Hwy. M-66); KENT, MECOSTA AND MONTCALM COUNTIES; NEWAYGO COUNTY (Townships of Barton, Big Prairie, Brooks, Croton, Ensley, Everett, Goodwell, Grant, Home, Monroe, Norwich and Wilcox); OSCEOLA COUNTY (south of Hwy. #10); OTTAWA COUNTY (Townships of Allendale, Blendone, Chester, Georgetown, Holland, Jamestown, Olive, Park, Polkton, Port Sheldon, Tallmadge, Wright and Zeeland):

|              | Rates    | Fringes |
|--------------|----------|---------|
| PAINTER..... | \$ 21.89 | 11.85   |

FOOTNOTES: Lead abatement work: \$1.00 per hour additional.

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PAIN1011-003 06/05/2014

ALGER, BARAGA, CHIPPEWA, DELTA, DICKINSON, GOGEBIC, HOUGHTON, IRON, KEWEENAW, LUCE, MACKINAC, MARQUETTE, MENOMINEE, ONTONAGON AND SCHOOLCRAFT COUNTIES:

|              | Rates    | Fringes |
|--------------|----------|---------|
| PAINTER..... | \$ 24.15 | 10.52   |

FOOTNOTES: High pay (bridges, overpasses, watertower): 30 to 80 ft.: \$.65 per hour additional. 80 ft. and over: \$1.30 per hour additional.

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PAIN1474-002 06/01/2010

HURON COUNTY; LAPEER COUNTY (east of Hwy. M-53); ST. CLAIR, SANILAC AND TUSCOLA COUNTIES:

|              | Rates    | Fringes |
|--------------|----------|---------|
| PAINTER..... | \$ 23.79 | 12.02   |

FOOTNOTES: Lead abatement work: \$1.00 per hour additional.  
 Work with any hazardous material: \$1.00 per hour additional.  
 Sandblasting, steam cleaning and acid cleaning: \$1.00 per hour additional.  
 Ladder work at or above 40 ft., scaffold work at or above 40 ft., swing stage, boatswain chair, window jacks and all work performed over a falling height of 40 ft.: \$1.00 per hour additional.  
 Spray gun work, pick pullers and those handling needles, blowing off by air pressure, and any person rigging (setting up and moving off the ground): \$1.00 per hour additional.  
 Steeplejack, tanks, gas holders, stacks, flag poles, radio towers and beacons, power line towers, bridges, etc.: \$1.00 per hour additional, paid from the ground up.

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 PAIN1803-003 06/01/2016

ALCONA, ALPENA, ANTRIM, ARENAC, BAY, BENZIE, CHARLEVOIX, CHEBOYGAN, CLARE, CRAWFORD, EMMET, GLADWIN, GRAND TRAVERSE, GRATIOT, IOSCO, ISABELLA, KALKASKA, LAKE, LEELANAU, MANISTEE, MASON, MIDLAND, MISSAUKEE, MONTMORENCY AND OGEMAW COUNTIES; OSCEOLA COUNTY (north of Hwy. #10); OSCODA, OTSEGO, PRESQUE ISLE, ROSCOMMON, SAGINAW AND WEXFORD COUNTIES:

Rates Fringes

PAINTER

Work performed on water, bridges over water or moving traffic, radio and powerline towers, elevated tanks, steeples, smoke stacks over 40 ft. of falling heights, recovery of lead-based paints and any work associated with industrial plants, except maintenance of industrial

|  |          |       |
|--|----------|-------|
| plants.....  | \$ 25.10 | 13.15 |
| All other work, including maintenance of industrial plant..... | \$ 23.68 | 13.15 |

FOOTNOTES: Spray painting, sandblasting, blowdown associated with spraying and blasting, water blasting and work involving a swing stage, boatswain chair or spider: \$1.00 per hour additional. All work performed inside tanks, vessels, tank trailers, railroad cars, sewers, smoke stacks, boilers or other spaces having limited egress not including buildings, opentop tanks, pits, etc.: \$1.25 per hour additional.

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 PLAS0514-001 06/01/2016

ZONE 1: GENESEE, LIVINGSTON, MACOMB, MONROE, OAKLAND, SAGINAW, WASHTENAW AND WAYNE COUNTIES

ZONE 2: ALCONA, ALGER, ALLEGAN, ALPENA, ANTRIM, ARENAC, BARAGA, BARRY, BAY, BENZIE, BERRIEN, BRANCH, CALHOUN, CASS, CHARLEVOIX, CHEBOYGAN, CHIPPEWA, CLARE, CLINTON, CRAWFORD, DELTA, DICKINSON, EATON, EMMET, GLADWIN, GOGEBIC, GRAND TRAVERSE, GRATIOT, HILLSDALE, HOUGHTON, HURON, INGHAM, IONIA, IOSCO,



IRON, ISABELLA, JACKSON, KALAMAZOO, KALKASKA, KENT, KEWEENAW, LAKE, LAPEER, LEELANAU, LENAWEE, LUCE, MACKINAC, MANISTEE, MARQUETTE, MASON, MECOSTA, MENOMINEE, MIDLAND, MISSAUKEE, MONTCALM, MONTMORENCY, MUSKEGON, NEWAYGO, OCEANA, OGEMAW, ONTONAGON, OSCEOLA, OSCODA, OTSEGO, OTTAWA, PRESQUE ISLE, ROSCOMMON, SANILAC, SCHOOLCRAFT, SHIAWASSEE, ST. CLAIR, ST. JOSEPH, TUSCOLA, VAN BUREN AND WEXFORD COUNTIES

Rates Fringes

CEMENT MASON/CONCRETE FINISHER

|             |          |       |
|-------------|----------|-------|
| ZONE 1..... | \$ 30.44 | 13.34 |
| ZONE 2..... | \$ 28.94 | 13.34 |

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PLUM0190-003 05/01/2015

ALCONA, ALGER, ALLEGAN, ALPENA, ANTRIM, ARENAC, BARAGA, BARRY, BAY, BENZIE, BERRIEN, BRANCH, CALHOUN, CASS, CHARLEVOIX, CHEBOYGAN, CHIPPEWA, CLARE, CLINTON, CRAWFORD, DELTA, DICKINSON, EATON, EMMET, GENESEE, GLADWIN, GOGEBIC, GRAND TRAVERSE, GRATIOT, HILLSDALE, HOUGHTON, HURON, INGHAM, IONIA, IOSCO, IRON, ISABELLA, JACKSON, KALAMAZOO, KALKASKA, KENT, KEWEENAW, LAKE, LAPEER, LEELANAU, LENAWEE, LIVINGSTON, LUCE, MACKINAC, MACOMB, MANISTEE, MARQUETTE, MASON, MECOSTA, MENOMINEE, MIDLAND, MISSAUKEE, MONTCALM, MONTMORENCY, MONROE, MUSKEGON, NEWAYGO, OAKLAND, OCEANA, OGEMAW, ONTONAGON, OSCEOLA, OSCODA, OTSEGO, OTTAWA, PRESQUE ISLE, ROSCOMMON, SAGINAW, ST. CLARE, ST. JOSEPH, SANILAC, SCHOOLCRAFT, SHIAWASSEE, TUSCOLA, VAN BUREN, WASHTENAW, WAYNE AND WEXFORD COUNTIES

Rates Fringes

Plumber/Pipefitter - gas distribution pipeline:

|   |          |       |
|---|----------|-------|
| Welding in conjunction with gas distribution pipeline work..... | \$ 33.03 | 20.19 |
| All other work:.....  | \$ 24.19 | 12.28 |

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TEAM0007-004 06/01/2016

AREA 1: ALCONA, ALGER, ALLEGAN, ALPENA, ANTRIM, ARENAC, BARAGA, BARRY, BAY, BENZIE, BERRIEN, BRANCH, CALHOUN, CASS, CHARLEVOIX, CHEBOYGAN, CHIPPEWA, CLARE, CLINTON, CRAWFORD, DELTA, DICKINSON, EATON, EMMET, GLADWIN, GOGEBIC, GRAND TRAVERSE, GRATIOT, HILLSDALE, HOUGHTON, HURON, INGHAM, IONIA, IOSCO, IRON, ISABELLA, JACKSON, KALAMAZOO, KALKASKA, KENT, KEWEENAW, LAKE, LAPEER, LEELANAU, LENAWEE, LUCE, MACKINAC, MANISTEE, MARQUETTE, MASON, MECOSTA, MENOMINEE, MIDLAND, MISSAUKEE, MONTCALM, MONTMORENCY, MUSKEGON, NEWAYGO, OCEANA, OGEMAW, ONTONAGON, OSCEOLA, OSCODA, OTSEGO, OTTAWA, PRESQUE ISLE, ROSCOMMON, SAGINAW, SANILAC, SCHOOLCRAFT, SHIAWASSEE, ST. CLAIR, ST. JOSEPH, TUSCOLA, VAN BUREN AND WEXFORD COUNTIES

AREA 2: GENESEE, LIVINGSTON, MACOMB, MONROE, OAKLAND, WASHTENAW AND WAYNE COUNTIES

Rates Fringes

TRUCK DRIVER

AREA 1  
Euclids, double bottoms

|  |           |           |
|--|-----------|-----------|
| and lowboys.....                             | \$ 25.05  | .50 + a+b |
| Trucks under 8 cu. yds.....                  | \$ 24.80  | .50 + a+b |
| Trucks, 8 cu. yds. and<br>over.....          | \$ 24.90  | .50 + a+b |
| AREA 2                                       |           |           |
| Euclids, double bottomms<br>and lowboys..... | \$ 24.895 | .50 + a+b |
| Euclids, double bottomms<br>and lowboys..... | \$ 25.15  | .50 + a+b |
| Trucks under 8 cu. yds.....                  | \$ 24.90  | .50 + a+b |
| Trucks, 8 cu. yds. and<br>over.....          | \$ 25.00  | .50 + a+b |

Footnote:

- a. \$438.45 per week
- b. \$61.90 daily

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 TEAM0247-004 06/01/2004

AREA 1: ALCONA, ALGER, ALLEGAN, ALPENA, ANTRIM, ARENAC, BARAGA, BARRY, BAY, BENZIE, BERRIEN, BRANCH, CALHOUN, CASS, CHARLEVOIX, CHEBOYGAN, CHIPPEWA, CLARE, CLINTON, CRAWFORD, DELTA, DICKINSON, EATON, EMMET, GLADWIN, GOGEBIC, GRAND TRAVERSE, GRATIOT, HILLSDALE, HOUGHTON, HURON, INGHAM, IONIA, IOSCO, IRON, ISABELLA, JACKSON, KALAMAZOO, KALKASKA, KENT, KEWEENAW, LAKE, LAPEER, LEELANAU, LENAWEE, LUCE, MACKINAC, MANISTEE, MARQUETTE, MASON, MECOSTA, MENOMINEE, MIDLAND, MISSAUKEE, MONTCALM, MONTMORENCY, MUSKEGON, NEWAYGO, OCEANA, OGEMAW, ONTONAGON, OSCEOLA, OSCODA, OTSEGO, OTTAWA, PRESQUE ISLE, ROSCOMMON, SANILAC, SCHOOLCRAFT, SHIAWASSEE, SAGINAW, ST. CLAIR, ST. JOSEPH, TUSCOLA, VAN BUREN AND WEXFORD COUNTIES

AREA 2: GENESEE, LIVINGSTON, MACOMB, MONROE, OAKLAND, WASHTENAW AND WAYNE COUNTIES

|  |       |         |
|--|-------|---------|
|  | Rates | Fringes |
|--|-------|---------|

Sign Installer

|              |          |         |
|--------------|----------|---------|
| AREA 1       |          |         |
| GROUP 1..... | \$ 20.18 | .15 + a |
| GROUP 2..... | \$ 19.93 | .15 + a |
| AREA 2       |          |         |
| GROUP 1..... | \$ 21.73 | .15 + a |
| GROUP 2..... | \$ 21.48 | .15 + a |

FOOTNOTE:

- a. \$132.70 per week, plus \$17.80 per day.

SIGN INSTALLER CLASSIFICATIONS:

GROUP 1: performs all necessary labor and uses all tools required to construct and set concrete forms required in the installation of highway and street signs

GROUP 2: performs all miscellaneous labor, uses all hand and power tools, and operates all other equipment, mobile or otherwise, required for the installation of highway and street signs

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 TEAM0247-010 04/01/2016

AREA 1: LAPEER AND SHIAWASSEE COUNTIES

AREA 2: GENESEE, MACOMB, MONROE, OAKLAND, ST. CLAIR, WASHTENAW AND WAYNE COUNTIES

|   | Rates                       | Fringes |
|---|-----------------------------|---------|
| TRUCK DRIVER (Underground construction) |                             |         |
| AREA 1                                  |                             |         |
| GROUP 1.....                            | \$ 22.82                    | 17.885  |
| GROUP 2.....                            | \$ 22.91                    | 17.885  |
| GROUP 3.....                            | \$ 23.12                    | 17.885  |
| AREA 2                                  |                             |         |
| GROUP 1.....                            | \$ 23.12                    | 17.885  |
| GROUP 2.....                            | \$ 23.26                    | 17.885  |
| GROUP 3.....                            | \$ 23.00405.90/wk+59.50/day |         |

PAID HOLIDAYS: New Year's Day, Memorial Day, Fourth of July, Labor Day, Thanksgiving Day and Christmas Day.

SCOPE OF WORK: Excavation, site preparation, land balancing, grading, sewers, utilities and improvements; also including but not limited to, tunnels, underground piping, retention, oxidation, flocculation facilities, conduits, general excavation and steel sheeting for underground construction. Underground construction work shall not include any structural modifications, alterations, additions and repairs to buildings or highway work, including roads, streets, bridge construction and parking lots or steel erection.

TRUCK DRIVER CLASSIFICATIONS

GROUP 1: Truck driver on all trucks (EXCEPT dump trucks of 8 cubic yards capacity or over, pole trailers, semis, low boys, Euclid, double bottom and fuel trucks)

GROUP 2: Truck driver on dump trucks of 8 cubic yards capacity or over, pole trailers, semis and fuel trucks

GROUP 3: Truck driver on low boy, Euclid and double bottom

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SUMI2002-001 05/01/2002

|  | Rates    | Fringes |
|--|----------|---------|
| Flag Person.....   | \$ 10.10 | 0.00    |
| LINE PROTECTOR (ZONE 1:<br>GENESEE, MACOMB, MONROE,<br>OAKLAND, WASHTENAW AND WAYNE)....                                   | \$ 18.98 | 12.17   |
| LINE PROTECTOR (ZONE 2:<br>STATEWIDE (EXCLUDING GENESEE,<br>MACOMB, MONROE, OAKLAND,<br>WASHTENAW AND WAYNE).....          | \$ 17.14 | 12.17   |
| Pavement Marking Machine<br>(ZONE 1: GENESEE, MACOMB,<br>MONROE, OAKLAND, WASHTENAW<br>AND WAYNE COUNTIES)<br>Group 1..... | \$ 24.89 | 12.17   |

Pavement Marking Machine  
 (ZONE 1: GENESEE, MACOMB,  
 MONROE, OAKLAND, WASHTENAW  
 AND WAYNE)  
 Group 2.....\$ 22.40                   12.17

Pavement Marking Machine  
 (ZONE 2: STATEWIDE (EXCLUDING  
 GENESEE, MACOMB, MONROE,  
 OAKLAND, WASHTENAW AND WAYNE  
 COUNTIES)  
 Group 1.....\$ 22.89                   12.17

Pavement Marking Machine  
 (ZONE 2: STATEWIDE (EXCLUDING  
 GENESEE, MACOMB, MONROE,  
 OAKLAND, WASHTENAW AND WAYNE)  
 Group 2.....\$ 20.60                   12.17

WORK CLASSIFICATIONS:

PAVEMENT MARKER GROUP 1: Drives or operates a truck mounted  
 striper, grinder, blaster, groover, or thermoplastic melter  
 for the placement or removal of temporary or permanent  
 pavement markings or markers.

PAVEMENT MARKER GROUP 2: Performs all functions involved for  
 the placement or removal of temporary or permanent pavement  
 markings or markers not covered by the classification of  
 Pavement Marker Group 1 or Line Protector.

LINE PROTECTOR: Performs all operations for the protection or  
 removal of temporary or permanent pavement markings or  
 markers in a moving convoy operation not performed by the  
 classification of Pavement Marker Group 1. A moving convoy  
 operation is comprised of only Pavement Markers Group 1 and  
 Line Protectors.

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 WELDERS - Receive rate prescribed for craft performing  
 operation to which welding is incidental.

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Note: Executive Order (EO) 13706, Establishing Paid Sick Leave  
 for Federal Contractors applies to all contracts subject to the  
 Davis-Bacon Act for which the contract is awarded (and any  
 solicitation was issued) on or after January 1, 2017. If this  
 contract is covered by the EO, the contractor must provide  
 employees with 1 hour of paid sick leave for every 30 hours  
 they work, up to 56 hours of paid sick leave each year.  
 Employees must be permitted to use paid sick leave for their  
 own illness, injury or other health-related needs, including  
 preventive care; to assist a family member (or person who is  
 like family to the employee) who is ill, injured, or has other  
 health-related needs, including preventive care; or for reasons  
 resulting from, or to assist a family member (or person who is  
 like family to the employee) who is a victim of, domestic  
 violence, sexual assault, or stalking. Additional information  
 on contractor requirements and worker protections under the EO  
 is available at [www.dol.gov/whd/govcontracts](http://www.dol.gov/whd/govcontracts).

Unlisted classifications needed for work not included within

the scope of the classifications listed may be added after award only as provided in the labor standards contract clauses (29CFR 5.5 (a) (1) (ii)).

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The body of each wage determination lists the classification and wage rates that have been found to be prevailing for the cited type(s) of construction in the area covered by the wage determination. The classifications are listed in alphabetical order of "identifiers" that indicate whether the particular rate is a union rate (current union negotiated rate for local), a survey rate (weighted average rate) or a union average rate (weighted union average rate).

#### Union Rate Identifiers

A four letter classification abbreviation identifier enclosed in dotted lines beginning with characters other than "SU" or "UAVG" denotes that the union classification and rate were prevailing for that classification in the survey. Example: PLUM0198-005 07/01/2014. PLUM is an abbreviation identifier of the union which prevailed in the survey for this classification, which in this example would be Plumbers. 0198 indicates the local union number or district council number where applicable, i.e., Plumbers Local 0198. The next number, 005 in the example, is an internal number used in processing the wage determination. 07/01/2014 is the effective date of the most current negotiated rate, which in this example is July 1, 2014.

Union prevailing wage rates are updated to reflect all rate changes in the collective bargaining agreement (CBA) governing this classification and rate.

#### Survey Rate Identifiers

Classifications listed under the "SU" identifier indicate that no one rate prevailed for this classification in the survey and the published rate is derived by computing a weighted average rate based on all the rates reported in the survey for that classification. As this weighted average rate includes all rates reported in the survey, it may include both union and non-union rates. Example: SULA2012-007 5/13/2014. SU indicates the rates are survey rates based on a weighted average calculation of rates and are not majority rates. LA indicates the State of Louisiana. 2012 is the year of survey on which these classifications and rates are based. The next number, 007 in the example, is an internal number used in producing the wage determination. 5/13/2014 indicates the survey completion date for the classifications and rates under that identifier.

Survey wage rates are not updated and remain in effect until a new survey is conducted.

#### Union Average Rate Identifiers

Classification(s) listed under the UAVG identifier indicate that no single majority rate prevailed for those classifications; however, 100% of the data reported for the classifications was union data. EXAMPLE: UAVG-OH-0010 08/29/2014. UAVG indicates that the rate is a weighted union average rate. OH indicates the state. The next number, 0010 in

the example, is an internal number used in producing the wage determination. 08/29/2014 indicates the survey completion date for the classifications and rates under that identifier.

A UAVG rate will be updated once a year, usually in January of each year, to reflect a weighted average of the current negotiated/CBA rate of the union locals from which the rate is based.

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WAGE DETERMINATION APPEALS PROCESS

1.) Has there been an initial decision in the matter? This can be:

- \* an existing published wage determination
- \* a survey underlying a wage determination
- \* a Wage and Hour Division letter setting forth a position on a wage determination matter
- \* a conformance (additional classification and rate) ruling

On survey related matters, initial contact, including requests for summaries of surveys, should be with the Wage and Hour Regional Office for the area in which the survey was conducted because those Regional Offices have responsibility for the Davis-Bacon survey program. If the response from this initial contact is not satisfactory, then the process described in 2.) and 3.) should be followed.

With regard to any other matter not yet ripe for the formal process described here, initial contact should be with the Branch of Construction Wage Determinations. Write to:

Branch of Construction Wage Determinations  
Wage and Hour Division  
U.S. Department of Labor  
200 Constitution Avenue, N.W.  
Washington, DC 20210

2.) If the answer to the question in 1.) is yes, then an interested party (those affected by the action) can request review and reconsideration from the Wage and Hour Administrator (See 29 CFR Part 1.8 and 29 CFR Part 7). Write to:

Wage and Hour Administrator  
U.S. Department of Labor  
200 Constitution Avenue, N.W.  
Washington, DC 20210

The request should be accompanied by a full statement of the interested party's position and by any information (wage payment data, project description, area practice material, etc.) that the requestor considers relevant to the issue.

3.) If the decision of the Administrator is not favorable, an interested party may appeal directly to the Administrative Review Board (formerly the Wage Appeals Board). Write to:

Administrative Review Board  
U.S. Department of Labor  
200 Constitution Avenue, N.W.  
Washington, DC 20210

4.) All decisions by the Administrative Review Board are final.

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END OF GENERAL DECISION