# Wisconsin Department of Transportation

**Division of Transportation Systems Development**
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*October 31, 2019*

## NOTICE TO ALL CONTRACTORS:

**Proposal #13:**

**1000-51-72, WISC 2019 682**
**Various Highways**
**Various Bridges in SE Region**
**Var Hwy**
**Southeast Region Wide**

**1000-54-73, WISC 2019 683**
**Various Highways**
**Various Bridges in SE Region**
**Var Hwy**
**Southeast Region Wide**

## Letting of Letting Date

This is Addendum No. 2, which provides for the following:

**Special Provisions:**

| **Revised** Special Provisions | |
|---|---|
| Article No. | Description |
| 6 | Utilities |
| 24 | Structure Repainting Recycled Abrasive B-30-65, Item 517.1800.S.01; Structure Repainting Recycled Abrasive B-40-392, Item 517.1800.S.02; Structure Repainting Recycled Abrasive B-45-39, Item 517.1800.S.03. |

**Plan Sheets:**

| **Revised** Plan Sheets | |
|---|---|
| Plan Sheet | Plan Sheet Title (brief description of changes to sheet) |
| 4 | General Notes (updated utility contact list) |
| 356 | General Notes (updated first note) |
| 357 | General Notes (updated utility contact list) |

The responsibility for notifying potential subcontractors and suppliers of these changes remains with the prime contractor.

Sincerely,

*Mike Coleman*

Proposal Development Specialist
Proposal Management Section

**ADDENDUM NO. 02**

**1000-51-72 & 1000-54-73**

**October 31, 2019**

**Special Provisions**

**6. Utilities.**

*Replace entire article language with the following:*

This project comes under the provisions of Administrative Rule Trans. 220.

stp-107-065 (20080501)

There are underground and overhead utility facilities located within the project limits. There are known utility adjustments required for this construction project. Coordinate construction activities with a call to Diggers Hotline or a direct call to the utilities that have facilities in the area, as required per statues.

Known utilities on the project are as follows:

**ID 1000-51-72**

**B-30-65**

**AT&T Local Network** has existing underground facilities that run east and west on the north side of the bridge.

**Charter Communications** has existing underground facilities that run east and west on both sides of the roadway.

**Midwest Fiber Networks** has existing underground fiber facilities that are bored under the river and run east and west on the north side of westbound STH 165.

**Village of Pleasant Prairie** has an existing underground sewer main that runs east and west on the north side of westbound STH 165.

**Village of Pleasant Prairie** has an existing underground water main that runs east and west on the north side of westbound STH 165.

**WE Energies Electric** has existing underground facilities that run east and west on the south side of the bridge. The facilities are attached to the bridge and run through ducts that are located between the girders of the bridge.

**No conflicts are anticipated with the deck overlay.**

**B-30-66 & 67**

**AT&T Local Network** has existing underground facilities that run east and west on the north side of bridge B-30-67.

**AT&T Wisconsin** has existing underground copper and fiber cables that run east and west on the north side of bridge B-30-67.

**Charter Communications** has existing underground facilities that run east and west on both sides of the roadway and crosses under STH 165 on the east end of the bridges.

**Level 3 Communications** has existing underground facilities that run north and south along the west side of the railroad tracks.

**Midwest Fiber Networks** has existing underground fiber facilities that runs east and west on the north side of bridge B-30-67.

**Village of Pleasant Prairie** has an existing underground sewer main that runs east and west on the north side of bridge B-30-67.

**Village of Pleasant Prairie** has an existing underground water main that runs east and west on the north side of bridge B-30-67.

**WE Energies Electric** has existing underground facilities that run east and west in the STH 165 median and on the north side of bridge B-30-67.

**WE Energies Gas** has existing underground facilities that run east and west on the north side of bridge B-30-67.

**No conflicts are anticipated with the deck overlay.**

**B-40-52**

**AT&T Wisconsin** has existing facilities connected to the bridge structure.

**City of Milwaukee** has existing underground sewer facilities adjacent to the bridge abutments.

**City of Milwaukee** has existing underground water facilities adjacent to the bridge abutments.

**Milwaukee Metropolitan Sewerage District** has an existing underground Combined Sewer Overflow (CSO) located under STH 175.

**TDS Metrocom** maintains buried fiber cable inside Windstream conduit along the west side of N 46th Street and south side of W Wells Street.

**WE Energies Electric** has existing underground facilities that run east and west. The facilities are attached to the bridge and run through conduit located between the girders on the north side of the bridge.

**WE Energies Gas** has existing underground facilities that run east and west. The facilities are attached to the bridge and run through conduit located between the girders on the north side of the bridge.

**WisDOT Communications** has existing underground facilities beneath the west abutment of the bridge.

**WisDOT Lighting** has existing aerial lighting facilities on the bridge.

**No conflicts are anticipated with the crack sealing.**

**B-40-392 & 644**

**AT&T Wisconsin** has an existing underground 10 pack occupied plastic duct that runs east and west. The duct pack is attached to the bridge and is located between the girders of bridge B-40-392. There is also a single unoccupied plastic duct running in the same location. There is a 12’ x 6’ x 10’ vault located in the outside shoulder just west of bridge B-40-392 that has an existing 9 pack occupied plastic duct that runs east and west.

**The City of Franklin Street Lighting occupies 1 of the 12 conduits with underground wiring that runs east and west under bridge B-40-392. They also own the light poles in the median, which has conduit that runs through/below the expansion joints of the bridge. The City of Franklin will pull wire from conduit prior to construction. The bridge will remain dark during construction. The City of Franklin will replace the conduit and sleeve during structure joint repair. The City of Franklin to replace wire after new conduit is in place, but prior to finalizing construction. Contractor to work around conduit during construction. Contact the City of Franklin 14 days prior to construction. Contact the City of Franklin 7 days prior to structure joint repair to coordinate conduit work. The estimated construction time required is one day to pull the existing wire and one day to replace. The City of Franklin field contact is Joe Heinrichs.**

**MMSD's landfill gas pipeline** crosses Rawson Avenue (CTH BB) at approximately Sta 104+00. As shown, the plans in the area show no excavation, therefore no conflicts are anticipated. Contact MMSD prior to construction. The MMSD contact is Micki Klappa-Sullivan.

**MMSD's Sewer** facility crosses Loomis Road at South 68th Street and is no conflict is anticipated. The MMSD contact is Micki Klappa-Sullivan.

**Utility Safety Design Inc.** has an existing underground pipeline that runs north and south along Loomis Road that crosses under the west approaches to the bridges. No conflicts are anticipated. Contractor to contact USDI prior to construction. The USDI field contact is Michael Weiler.

**WE Energies Gas** has existing underground facilities that run east and west under bridge B-40-392.

**WisDOT Communications** has existing underground facilities between the southbound STH 36 roadway and the southbound CD road, under the CTH BB bridges.

**B-45-39**

**AT&T Wisconsin** has an existing underground copper cable that runs east and west. Conduit is attached to the bridge and is located between the girders on the south side of the bridge.

**WE Energies Electric** has existing aerial facilities that run east and west on the south side of the roadway and cross Mink Ranch Road at the east approach to the bridge.

**No conflicts are anticipated with the deck overlay.**

**B-45-95**

**AT&T Wisconsin** has an existing underground conduit package that runs east and west under the Milwaukee River on the south side of the bridge and continues up to the south side of STH 33 just east of the bridge.

**Charter Communications** has existing underground facilities that run under STH 33 at the east approach to the bridge and then runs west up the sidewalk area on the north side of STH 33.

**The Village of Saukville** has existing underground sewer facilities that run east and west under the Milwaukee River on the north side of the bridge and continues along the north side STH 33 on both sides of the bridge.

**The Village of Saukville** has existing underground water facilities that run east and west under the Milwaukee River on the north side of the bridge and continues along the north side STH 33 on both sides of the bridge.

**WE Energies Electric** has existing underground facilities that cross STH 33 at both approaches to the bridge.

**WE Energies Gas** has existing underground facilities that run east and west under the Milwaukee River on the north side of the bridge and continues along the north side of STH 33 on both sides of the bridge.

**WisDOT Signals** has existing interconnect conduit that runs across the bridge through the parapets and has underground facilities at both approaches to the bridge.

**No conflicts are anticipated with the deck overlay.**

**B-64-80**

**CenturyLink** has existing underground fiber optic cable and underground copper cable that run north and south on the east side of the bridge.

**Charter Communications** has existing aerial facilities that run north and south on the west side of the bridge.

**Windstream KDL, LLC** has existing aerial facilities that run north and south on the west side of the bridge.

**WE Energies Electric** has existing aerial facilities that run north and south on the west side of the bridge.

**No conflicts are anticipated with the deck overlay.**

**B-66-27**

**Frontier Communications** has existing underground cable that runs north and south on the west side of the bridge. No conflicts are anticipated. The Frontier Communications field contact is Calvin Klade.

**WE Energies Gas** has existing underground facilities that run north and south on the east side of the bridge. The facilities cross STH 175 on the west side of the roadway at both approaches.

**WE Energies Electric** has existing aerial facilities that run north and south on the west side of the bridge. The facilities also cross STH 175 on the north side of the bridge.

**No conflicts are anticipated with the deck overlay.**

**B-66-93**

**AT&T Wisconsin** has existing underground copper cables and aerial fiber cable that runs east and west on the north side of the bridge.

**PaeTec Communications** has existing aerial facilities that run east and west on the north side of the bridge. The facilities transition to underground west of the bridge.

**Windstream KDL, LLC** has existing aerial facilities that run east and west on the north side of the bridge. The facilities transition to underground west of the bridge.

**WE Energies Electric** has existing aerial facilities that run east and west on the north side of the bridge.

**WE Energies Gas** has existing underground facilities at the east approach that run to the east on the north side of STH 33. The facility crosses STH 33 to the south just east of the bridge.

**No conflicts are anticipated with the deck overlay.**

**B-66-99**

**AT&T Wisconsin** has an existing underground conduit package that runs north and south under the Menomonee River to the east of the bridge.

**Charter Communications** has existing aerial facilities that run north and south on the west side of the bridge.

**WE Energies Electric** has existing aerial facilities that run north and south on the west side of the bridge.

**WE Energies Gas** has existing underground facilities that run north and south on the west side of the bridge.

**No conflicts are anticipated with the deck overlay.**

**B-67-220**

**Charter Communications** has existing aerial facilities that run north and south on the west side of the bridge.

**The City of Delafield** has an existing underground water main that runs north and south under the Bark River on the west side of the bridge.

**The Village of Hartland** has an existing underground sanitary sewer that runs north and south on the east side of the bridge.

**The Village of Hartland** has an existing underground water main that runs north and south on the east side of the bridge.

**Midwest Fiber Networks** has existing aerial fiber facilities that run north and south on the west side of the bridge.

**WE Energies Electric** has existing aerial facilities that run north and south on the west side of the bridge.

**WE Energies Gas** has existing underground facilities that run north and south on both sides of the bridge.

**No conflicts are anticipated with the deck overlay.**

**B-67-230**

**The City of Waukesha** has an existing underground water main that runs east and west on the south side of eastbound STH 59.

**WE Energies Electric** has existing underground facilities that run east and west on the north side of the bridge.

**WE Energies Gas** has existing underground facilities that run east and west on the south side of eastbound STH 59.

**WisDOT Communications** has existing underground facilities to the south of the bridge.

**No conflicts are anticipated with the deck overlay.**

**ID 1000-54-73**

**Structure B-64-71 (STH 50 over Jackson Creek)**

**Alliant Energy** has existing aerial facilities that run east and west on the north side of the bridge.

**WE Energies Electric** has existing aerial and underground facilities that run east and west on the north side of the bridge.

**No conflicts are anticipated with the deck overlay.**

**Structure B-66-122 (STH 28 over the East Branch Milwaukee River)**

**WE Energies Gas** has existing underground facilities that run east and west on the north side of the bridge.

**No conflicts are anticipated with the deck overlay.**

**Structure B-67-216 (STH 83 over Mukwonago River)**

**CenturyLink** has existing underground copper cable facilities that run north and south on the east side of the bridge.

**The Village of Mukwonago** has existing underground sewer facilities that run north and south on the west side of the bridge and crosses under STH 83 to the north of the bridge.

**The Village of Mukwonago** has existing underground water facilities that run north and south on the west side of the bridge and crosses under STH 83 to the north of the bridge.

**WE Energies Electric** has existing overhead facilities that run north and south on the west side of the bridge. One facility goes up to the northwest quadrant of the bridge.

**WE Energies Gas** has existing underground facilities that run north and south on the west side of the bridge.

**No conflicts are anticipated with the deck overlay.**

**Structure B-67-217 (STH 145 over Abandoned Railroad)**

**AT&T Local Network** has existing aerial and underground conduit facilities that run north on the east side of STH 145 leading up to the bridge. The facilities then cross under the roadway just before the south approach and connect to WE Energies' poles that run east and west.

**Charter Communications** has existing aerial facilities that run north and south on the east of the bridge.

**WE Energies Gas** has existing underground facilities that run north and south on the east side of the bridge. The facilities also cross under the roadway at the north approach and run on the west side of the bridge.

**No conflicts are anticipated with the deck overlay.**

**24. Structure Repainting Recycled Abrasive B-30-65, Item 517.1800.S.01; Structure Repainting Recycled Abrasive B-40-392, Item 517.1800.S.02; Structure Repainting Recycled Abrasive B-45-39, Item 517.1800.S.03.**

*Replace number 1. Under section titled* **A.1 Areas to be Cleaned and Painted** *with the following:*

1. Structure B-30-65 1,211 SF

**Plan Sheets**
The following 8½ x 11-inch sheets are attached and made part of the plans for this proposal:
Revised: 4, 356, and 357

END OF ADDENDUM

## UTILITY CONTACTS

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Addendum No. 02
ID 1000-51-72
Revised Sheet 4
October 31, 2019

DIGGERS HOTLINE
Dial 811 or (800) 242-8511
www.DiggersHotline.com

| PROJECT NO: 1000-51-72 | HWY: VARIOUS HIGHWAYS | COUNTY: VARIOUS COUNTIES | GENERAL NOTES AND UTILITY CONTACTS | SHEET: 4 | E |
|---|---|---|---|---|---|

FILE NAME : _____ PLOT DATE : _____ PLOT BY : _____ PLOT NAME : _____ PLOT SCALE : 1:1

STANDARD ABBREVIATIONS

| | |
|---|---|
| AP | ACCESS POINT |
| AC | ACRE |
| ADJ | ADJUST |
| AECPRC | APRON ENDWALLS FOR CULVERT PIPE REINFORCED CONCRETE |
| AH | AHEAD |
| AC | ASPHALT CEMENT |
| ASPH | ASPHALTIC |
| ACP | ASPHALTIC CONCRETE PAVEMENT |
| AVG | AVERAGE |
| ADT | AVERAGE DAILY TRAFFIC |
| BK | BACK |
| BAD | BASE AGGREGATE DENSE |
| BM | BENCHMARK |
| CB | CATCH BASIN |
| C/L | CENTER LINE |
| C/L CONST | CENTER LINE CONSTRUCTION |
| Δ | CENTRAL ANGLE OR DELTA |
| CL | CLASS |
| CONC | CONCRETE |
| CONST | CONSTRUCTION |
| CMCP | CORRUGATED METAL CULVERT PIPE |
| CTH | COUNTY TRUNK HIGHWAY |
| CABC | CRUSHED AGGREGATE BASE COURSE |
| CFS | CUBIC FEET PER SECOND |
| CY | CUBIC YARD |
| CP | CULVERT PIPE |
| CPCS | CULVERT PIPE CORRUGATED STEEL |
| CPRC | CULVERT PIPE REINFORCED CONCRETE |
| CPRCHE | CULVERT PIPE REINFORCED CONCRETE HORIZONTAL ELLIPTICAL |
| C & G | CURB AND GUTTER |
| D | DEGREE OF CURVE |
| DHV | DESIGN HOUR VOLUME |
| DIA | DIAMETER |
| DD | DIRECTIONAL DISTRIBUTION |
| DWY | DRIVEWAY |
| E | EAST |
| X | EAST GRID COORDINATE |
| EB | EASTBOUND |
| EL | ELEVATION |
| ESALS | EQUIVALENT SINGLE AXLE LOADS |
| EXC | EXCAVATION |
| EBS | EXCAVATION BELOW SUBGRADE |
| EXIST | EXISTING |
| FPS | FEET PER SECOND |
| FERT | FERTILIZE |
| FE | FIELD ENTRANCE |
| FL | FLOW LINE |
| FT | FOOT |
| GN | GRID NORTH |
| HES | HIGH EARLY STRENGTH |
| HP HW | HIGH POINT |
| HW | HIGH WATER |
| HMA | HOT MIX ASPHALT |
| CWT | HUNDREDWEIGHT |
| HWD | HYDRANT |
| INL | INLET |
| ID | INSIDE DIAMETER |
| I | INTERSECTION ANGLE |
| INV | INVERT |
| IP | IRON PIPE OR PIN |
| JT | JOINT |
| LT | LEFT |
| LT | LENGTH OF CURVE |
| LF | LINEAR FOOT |
| LP | LOW POINT |
| LS | LUMP SUM |
| MH | MANHOLE |
| MAX | MAXIMUM |
| Mgal | MEGAGALLON |
| MPH | MILES PER HOUR |
| MIN | MINIMUM |
| MON | MONUMENT |
| NOM | NOMINAL |
| NC | NORMAL CROWN |
| N | NORTH |
| Y | NORTH GRID COORDINATE |
| NB | NORTHBOUND |
| NO | NUMBER |
| OPT | OPTIONAL |
| OD | OUTSIDE DIAMETER |
| PAVT | PAVEMENT |
| PLE | PERMANENT LIMITED EASEMENT |
| PACS | PIPE ARCH CORRUGATED STEEL |
| PT | POINT |
| PC | POINT OF CURVATURE |
| PI | POINT OF INTERSECTION |
| PT | POINT OF TANGENCY |
| PVC | POINT OF VERTICAL CURVE |
| PVI | POINT OF VERTICAL INTERSECTION |
| PVT | POINT OF VERTICAL TANGENCY |
| PVC | POLYVINYL CHLORIDE |
| PCC | PORTLAND CEMENT CONCRETE |
| LB | POUND |
| PSF | POUNDS PER SQUARE FOOT |
| PSI | POUNDS PER SQUARE INCH |
| PE | PRIVATE ENTRANCE |
| PGL | PROFILE GRADE LINE |
| PL | PROPERTY LINE |
| Q100 | 100-YEAR FLOW RATE |
| R | RADIUS |
| RR | RAILROAD |
| R | RANGE |
| R/L | R/L |
| REINF | REINFORCING OR REINFORCEMENT |
| REQD | REQUIRED |
| RT | RIGHT |
| R/W | RIGHT-OF-WAY |
| RD | ROAD |
| RDWY | ROADWAY |
| SEC | SECTION |
| SHLDR | SHOULDER |
| S | SOUTH |
| SB | SOUTHBOUND |
| SQ | SQUARE |
| SF | SQUARE FEET |
| SW | SIDEWALK |
| SY | SQUARE YARD |
| SDD | STANDARD DETAIL DRAWINGS |
| STH | STATE TRUNK HIGHWAYS |
| STA | STATION |
| SS | STORM SEWER |
| SSPRC | STORM SEWER PIPE REINFORCED CONCRETE |
| ST | STREET |
| STR | STRUCTURE OR STRUCTURAL |
| SEC | SUPERELEVATION |
| T | TANGENT |
| TEMP | TEMPORARY |
| TI | TEMPORARY INTEREST |
| TLE | TEMPORARY LIMITED EASEMENT |
| t | TON |
| T | TOWN |
| T/L | TRANSIT LINE |
| T | TRUCKS (PERCENT OF) |
| TYP | TYPICAL |
| USH | UNITED STATES HIGHWAY |
| VAR | VARIABLE |
| V | VELOCITY OF DESIGN SPEED |
| VERT | VERTICAL |
| VC | VERTICAL CURVE |
| VOL | VOLUME |
| WM | WATERMAIN |
| WV | WATER VALVE |
| W | WEST |
| WB | WESTBOUND |
| YD | YARD |

## GENERAL NOTES

THE LOCATIONS OF EXISTING AND PROPOSED UTLITY INSTALLATIONS AS SHOWN ON THE PLANS ARE APPROXIMATE. THERE MAY BE OTHER UTILITIY INSTALLATIONS WITHIN THE PROJECT AREA THAT ARE NOT SHOWN.

THE CONTRACTOR WILL COORDINATE CONSTRUCTION ACTIVITIES WITH A CALL TO DIGGERS HOTLINE AND/OR A CALL TO THE UTILITIES THAT HAVE INSTALLATIONS WITHIN THE PROJECT AREA.

MAINTAIN ACCESSS TO ALL DRIVEWAYS AND ALL BUSINESSES AT ALL TIMES.

A SAWED JOINT WILL BE REQUIRED WHERE NEW PAVEMENT IS TO MEET AN EXISTING PAVED SURFACE.

TRAFFIC CONTROL LOCATIONS AS SHOWN IN THE PLAN ARE SUGGESTED LOCATIONS. EXACT LOCATIONS WILL BE DETERMINED BY THE ENGINEER IN THE FIELD.

ALL SIGN LOCATIONS SHALL BE REVIEWED BY THE ENGINEER PRIOR TO INSTALLATION.

NO TREES OR SHRUBS ARE TO BE REMOVED WITHOUT APPROVAL OF THE ENGINEER.

PROTECT FROM DAMAGE AND AROUND ANY EXISTING SIGNS OR MAILBOXES THAT ARE TO REMAIN IN PLACE.

## ORDER OF SECTION 2 SHEETS



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| HMA PAVEMENT LOCATION | ASPHALT MIX | UPPER LAYER | GRADATION |
|---|---|---|---|
| STH 28 | 4 MT 58-28 S | 2-INCH | 12.5 MM |
| STH 50<br>STH 83<br>STH 145 | 4 LT 58-28 S | 2-INCH | 12.5 MM |

| DESIGN DESIGNATION | B-64-71 STH 50 | B-66-122 STH 28 | B-67-216 STH 83 | B-67-217 STH 145 |
|---|---|---|---|---|
| A.A.D.T. (2019) | 12900 | 2800 | 13300 | 6700 |
| A.A.D.T. (2039) | 14400 | 3300 | 14600 | 7700 |
| D.H.V. | 1656 | 386 | 1810 | 932 |
| D.D. | 59/41 | 60/40 | 59/41 | 59/41 |
| T. | 2.6% | 8.9% | 4.4% | 9.9% |
| DESIGN SPEED (MPH) | 40 | 50 | 30 | 45 |

Addendum No. 02
ID 1000-54-73
Revised Sheet 356
October 31, 2019

| PROJECT NO: 1000-54-73 | HWY: VARIOUS HIGHWAYS | COUNTY: VARIOUS COUNTIES | GENERAL NOTES AND UTILITY CONTACTS | SHEET: 356 | E |
|---|---|---|---|---|---|

FILE NAME : _____ PLOT DATE : _____ PLOT BY : _____ PLOT NAME : _____ PLOT SCALE : 1:1

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## UTILITY CONTACTS

ALLIANT ENERGY - ELECTRICITY
DEAN COPP
935 WBR TOWNLINE RD
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DEANCOPP@ALLIANTENERGY.COM

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J.NAVARRO@NORTHWINDTECH.COM

CENTURYLINK - COMMUNICATION LINE
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BROOKFIELD, WI 53045
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CHARTER COMMUNICATIONS - COMMUNICATION LINE
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WE ENERGIES - GAS/PETROLEUM
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WEST ALLIS, WI 53214
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KOCH PIPELINE COMPANY LP
MS. MERCEDES MALLINGER, CPO DEPT
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## OTHER CONTACTS

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WISDNR CONTACT
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WISDNR CONTACT
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DIGGERS HOTLINE
Dial 811 or (800) 242-8511
www.DiggersHotline.com

| PROJECT NO: 1000-54-73 | HWY: VARIOUS HIGHWAYS | COUNTY: VARIOUS COUNTIES | GENERAL NOTES AND UTILITY CONTACTS | SHEET: 357 | E |
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FILE NAME : _____ PLOT DATE : _____ PLOT BY : _____ PLOT NAME : _____ PLOT SCALE : 1:1