| MAD                   | JUNE 2014   |  |   |  |            |  |   |   |  |
|-----------------------|---|--|---|--|------------|--|---|---|--|
|                       | ORDER OF SHEETS   |  |   |  | S          | STATE OF   | WISCONS   | IN  |  |
| PROJECT  <br>WITH: NA | Section No. 1 T.<br>Section No. 2 Ty<br>Section No. 3 E.<br>Section No. 3 Mi<br>Section No. 4 R   | ltle<br>ypical Sections and Detai<br>stimate of Quantitles<br>Iscellaneous Quantitles<br><del>ight of Way Plat</del>       | ls  | DEPA   | RTM        | ENT OF   |   |   | ΟΝ   |
| D:5939                | Section No. 5 Pi<br>Section No. 6 St<br>Section No. 7 Si<br><del>Section No. 8 St</del><br><del>Section No. 9 Co</del>                    | lan and Profile<br>tondard Detail Drawings<br>Ign Plates<br><del>tructure Plans</del><br><del>pmputer Earthwark Data</del> |   |  | C          | CTH B  |   | Α   |  |
| -00-                  | Section No. 9 Cr<br>TOTAL SHEETS = 130  | oss Sections   |   |  |            | ST<br>IOWA   |   | A   | AS-BUILT P   |
| 61                    |   |  |   |  |            | STATE F<br>5939  |   | SI<br>PI<br>C'<br>W<br>W                          | JPERVISOR: Suzan Nast<br>ROJECT LEADER: Ralph I<br>ONTRACTOR: Iverson Col<br>ORK STARTED: 09-09-20<br>ORK COMPLETED:11-03- |
|                       |   |  | LIST OF SUB<br>Bob Ewers Co<br>Central States<br>Century Fence<br>Iverson Const<br>SJK Engineer<br>W.K. Construct | CONTRACTORS<br>ontracting<br>s Signing Inc.<br>e Company<br>ruction, LLC<br>ing, LLC<br>ction Company, Inc | END<br>STA | PROJECT<br>359+00<br>Goodwiler<br>Lake   | R-1-E   | STATE<br>WILDLIFE<br>AREA<br>PE ST<br>PLANNERY RE |  |
| COUNTY                | DESIGN DESIGNATION<br>A.A.D.T. 2014 = 3<br>A.A.D.T. 2034 = 4<br>D.H.V. 2034 = 14<br>D.D. = 6<br>T. = 11<br>DESIGN SPEED = 5<br>ESALS = 12 | 50<br>50<br>4.3<br>0/40<br>L2<br>5 MPH<br>20,D00   |   |  | T-8-N      |  | ASKI<br>DOG<br>(0)<br>ASKI<br>DOG<br>(0)<br>AVOCC<br>SCOL<br>AVOCC<br>SCOL<br>AVOCC<br>SCOL<br>AVOCC<br>SCOL<br>AVOCC<br>SCOL<br>AVOCC<br>SCOL<br>AVOCC<br>SCOL<br>AVOCC<br>SCOL<br>AVOCC<br>SCOL<br>AVOCC<br>SCOL<br>AVOCC<br>SCOL<br>AVOCC<br>SCOL<br>AVOCC<br>SCOL<br>AVOCC<br>SCOL<br>AVOCC<br>SCOL<br>AVOCC<br>SCOL<br>AVOCC<br>SCOL<br>AVOCC<br>SCOL<br>AVOCC<br>SCOL<br>AVOCC<br>SCOL<br>AVOCC<br>SCOL<br>AVOCC<br>SCOL<br>AVOCC<br>SCOL<br>AVOCC<br>SCOL<br>AVOCC<br>SCOL<br>AVOCC<br>SCOL<br>AVOCC<br>SCOL<br>AVOCC<br>SCOL<br>AVOCC<br>SCOL<br>AVOCC<br>SCOL<br>AVOCC<br>SCOL<br>AVOCC<br>SCOL<br>AVOCC<br>SCOL<br>AVOCC<br>SCOL<br>AVOCC<br>SCOL<br>AVOCC<br>SCOL<br>AVOCC<br>SCOL<br>AVOCC<br>SCOL<br>AVOCC<br>SCOL<br>AVOCC<br>SCOL<br>AVOCC<br>SCOL<br>AVOCC<br>SCOL<br>AVOCC<br>SCOL<br>AVOCC<br>SCOL<br>AVOCC<br>SCOL<br>AVOCC<br>SCOL<br>AVOCC<br>SCOL<br>AVOCC<br>SCOL<br>AVOCC<br>SCOL<br>AVOCC<br>SCOL<br>AVOCC<br>SCOL<br>AVOCC<br>SCOL<br>AVOCC<br>SCOL<br>SCOL<br>SCOL<br>SCOL<br>SCOL<br>SCOL<br>SCOL<br>SCOL<br>SCOL<br>SCOL<br>SCOL<br>SCOL<br>SCOL<br>SCOL<br>SCOL<br>SCOL<br>SCOL<br>SCOL<br>SCOL<br>SCOL<br>SCOL<br>SCOL<br>SCOL<br>SCOL<br>SCOL<br>SCOL<br>SCOL<br>SCOL<br>SCOL<br>SCOL<br>SCOL<br>SCOL<br>SCOL<br>SCOL<br>SCOL<br>SCOL<br>SCOL<br>SCOL<br>SCOL<br>SCOL<br>SCOL<br>SCOL<br>SCOL<br>SCOL<br>SCOL<br>SCOL<br>SCOL<br>SCOL<br>SCOL<br>SCOL<br>SCOL<br>SCOL<br>SCOL<br>SCOL<br>SCOL<br>SCOL<br>SCOL<br>SCOL<br>SCOL<br>SCOL<br>SCOL<br>SCOL<br>SCOL<br>SCOL<br>SCOL<br>SCOL<br>SCOL<br>SCOL<br>SCOL<br>SCOL<br>SCOL<br>SCOL<br>SCOL<br>SCOL<br>SCOL<br>SCOL<br>SCOL<br>SCOL<br>SCOL<br>SCOL<br>SCOL<br>SCOL<br>SCOL<br>SCOL<br>SCOL<br>SCOL<br>SCOL<br>SCOL<br>SCOL<br>SCOL<br>SCOL<br>SCOL<br>SCOL<br>SCOL<br>SCOL<br>SCOL<br>SCOL<br>SCOL<br>SCOL<br>SCOL<br>SCOL<br>SCOL<br>SCOL<br>SCOL<br>SCOL<br>SCOL<br>SCOL<br>SCOL<br>SCOL<br>SCOL<br>SCOL<br>SCOL<br>SCOL<br>SCOL<br>SCOL<br>SCOL<br>SCOL<br>SCOL<br>SCOL<br>SCOL<br>SCOL<br>SCOL<br>SCOL<br>SCOL<br>SCOL<br>SCOL<br>SCOL<br>SCOL<br>SCOL<br>SCOL<br>SCOL<br>SCOL<br>SCOL<br>SCOL<br>SCOL<br>SCOL<br>SCOL<br>SCOL<br>SCOL<br>SCOL<br>SCOL<br>SCOL<br>SCOL<br>SCOL<br>SCOL<br>SCOL<br>SCOL<br>SCOL<br>SCOL<br>SCOL<br>SCOL<br>SCOL<br>SCOL<br>SCOL<br>SCOL<br>SCOL<br>SCOL<br>SCOL<br>SCOL<br>SCOL<br>SCOL<br>SCOL<br>SCOL<br>SCOL<br>SCOL<br>SCOL<br>SCOL<br>SCOL<br>SCOL<br>SCOL<br>SCOL<br>SCOL<br>SCOL<br>SCOL<br>SCOL<br>SCOL<br>SCOL<br>SCOL<br>SCOL<br>SCOL<br>SCOL<br>SCOL<br>SCOL<br>SCOL<br>SCOL<br>SCOL<br>SCOL<br>SCOL<br>SCOL<br>SCOL<br>SCOL<br>SCOL<br>SCOL<br>SCOL<br>SCOL<br>SCOL<br>SCOL<br>SCOL<br>SCOL<br>SCOL<br>SCOL<br>SCOL<br>SCOL<br>SCOL<br>SCOL<br>SCOL<br>SCOL<br>SCOL<br>SCOL<br>SCOL<br>SCOL<br>SCOL<br>SCOL<br>SCOL<br>SCOL<br>SCOL<br>SCOL<br>SCOL<br>SCOL<br>SCOL<br>SCOL<br>SCOL |   |  |
| IOWA                  | CONVENTIONAL SYMBOL<br>PLAN<br>CORPORATE LIMITS<br>PROPERTY LINE<br>LOT LINE<br>LIMITED HIGHWAY EASEMEN<br>EXISTING RIGHT OF WAY          | S PROI<br>////// GRAD<br>ORIGI<br>MARS<br>(To<br>T SPEC  | FILE<br>E LINE<br>NAL GROUND<br>H OR ROCK PROFILE<br>be noted as such)<br>IAL DITCH                               |  | T-7-N      | CORY<br>2<br>31<br>6<br>RUSCH<br>A<br>RD<br>RD<br>RD<br>RD<br>RD<br>RD<br>RD<br>RD<br>RD<br>RD | BECKIUS<br>HO<br>BECKIUS<br>HO<br>BOOTH<br>HO<br>BOOTH<br>HO<br>HO<br>HO<br>HO<br>HO<br>HO<br>HO<br>HO<br>HO<br>H   | AD AN AND AND AND AND AND AND AND AND AN          |  |
|                       | PROPOSED OR NEW R/W LI<br>SLOPE INTERCERT<br>REFERENCE LINE<br>EXISTING CULVERT   | INE GRAD   | E ELEVATION<br>ERT (Profile View)<br>ITIES<br>TRIC<br>2 OPTIC   | E  |            |  | <b>BEGIN</b><br><b>STA</b><br>Y=212109.6<br>X=315526.   | I PROJECT<br><del>101+38.1 Sta</del> .<br>約       | 99+54  |
|                       | PROPOSED CULVERT<br>(Box or Pipe)<br>COMBUSTIBLE FLUIDS   | GAS<br>GAS<br>CAUTION STOR<br>TELEI  | ARY SEWER<br>M SEWER<br>PHONE   | G<br>SAN<br>SS<br>T  |            | L<br>Scale L   | AYOUT   |   |  |
|                       | MARSH AREA  | WATE<br>UTILIT<br>POWEI<br>TELEF   | R<br>IY PEDESTAL<br>R POLE<br>PHONE POLE  | — <b>ж</b><br>Ц<br>ø   |            | TOTAL NET LENGTH (   | DF CENTERLINE = 4.879 Mi.   | "COORDINATES ON THI<br>COORDIN                    | S PLAN ARE REFERENCED TO THU<br>ATE SYSTEM (WCCS), IOWA COUM   |
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PLOT DATE : 2/20/2014

PLOT BY : twatt

| STATE PROJEC              | T FEDER                              | AL PROJEC  | <u>, T</u>     |
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| 5939-00-61                |                                      |  | <u> </u>       |
|                           |                                      |  | CT<br>CONTRACT |
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|                           | 1300 Wes<br>Milwaukee                | t Canal Street, Suite 1:<br>a, Wisconsin 53233   | 50             |
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|                           | DEPARTMENT O                         | PE WISCONS!<br>F TRANSPO   | IN<br>RTATION  |
|                           | PREPAREO BY                          |  |                |
|                           | Surveyor B                           | LESING AND ASSO  | CATES, INC.    |
|                           | Project Manager                      | SUZAN NA   | ST             |
|                           | Regional Examiner                    | KIGT IGU   |                |
|                           | Regional Supervisor<br>C.O. Exominer | KURT JOHN  | ISUN           |
|                           |                                      |  |                |
| CONSIN COUNTY             | AFFROVED FOR THE DEF                 |  | hunn           |
|                           | DATE:                                | (Signature   | a)             |
|                           |                                      | ·  | E              |
|                           |                                      |  |                |

## UTILITY CONTACTS

ALLIANT ENERGY (ELECTRIC)

490 SHAKERAG ST MINERAL POINT, WI 53565 MR. JASON HEMING (608) 458-4242

(COMMUNCATIONS LINE) 130 4TH STREET BARABOO, WI 53913 MR. STEVE BISHOP

(608) 355-7501

CENTURYLINK



- PASSING OR PARKING LANE.

- OF THE PROJECT.

| PROJECT NO:5939-00-61                                  | HWY:STH 80       | COUNTY: IOWA          | GENERAL NOTES   |             |
|--|------------------|-----------------------|-----------------|-------------|
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OTHER CONTACTS

DNR MS. CATHY BLESER (608) 275-3308

STH 80

DESIGN (414) 308-1320 DOT WISCONSIN DOT, SOUTHWEST REGION 2101 WRIGHT ST MADISON. WI 53704 MS. SUZAN NAST (608) 242-8051

PG58-28

12.5 MM

### ORDER OF SECTION 2 SHEETS

GENERAL NOTES TYPICAL SECTIONS CONSTRUCTION DETAILS PERMANENT SIGNING

### DNR SOUTH CENTRAL REGION ALFRED BENESCH & COMPANY 1300 W CANAL ST, SUITE 150 3911 FISH HATCHERY ROAD FITCHBURG, WI 53711 MILWAUKEE WI. 53233 MS. AMANDA ZACHARIAS

ARIES

2" (TYP)

TOTAL PAVEMENT NOMINAL ASPHALTIC PAVEMENT THICKNESS LAYERS MAXIMUM SIZE LOCATION (2" MAX LIFT MATERIAI GRADATION THICKNESS) HMA PAVEMENT

TYPE E-0.3

2" UPPER

2

### GENERAL NOTES

1. DO NOT REMOVE TREES OR SHRUBS WITHOUT THE APPROVAL OF THE ENGINEER.

2. FERTILIZE, SEED, AND MULCH DISTURBED AREAS WITHIN THE RIGHT-OF-WAY, EXCEPT THE AREAS WITHIN THE FINISHED SHOULDER POINTS.

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

4. HMA PAVEMENT WEIGHT CALCULATIONS ARE BASED ON 112 LB/SY/IN.

5. PAVE HMA PAVEMENT CONSISTENT TO THE PLAN TYPICAL SECTIONS AND CONSTRUCT TO PREVENT HMA LONGITUDINAL JOINTS FROM BEING LOCATED WITHIN A DRIVING, TURNING,

6. EXISTING SUPER ELEVATION VALUES SHOWN IN THE PLAN ARE AVERAGES ACROSS BOTH LANES OF TRAFFIC AND ARE APPROXIMATE. VERIFY EXISTING NORMAL CROWN AND SUPERELEVATIONS IN THE FIELD

7. PLACE EDGE LINE PAVEMENT MARKING AT 10 FEET FROM CENTERLINE.

8. DO NOT STAGE PERSONNEL, EQUIPMENT, AND/OR SUPPLIES IN ENVIRONMENTALLY SENSITIVE AREAS SHOWN ON THE PLANS, WETLANDS, OR WATERWAYS.

9. DO NOT USE ENVIRONMENTALLY SENSITIVE AREAS SHOWN ON THE PLANS, WETLANDS, OR WATERWAYS FOR BORROW OR WASTE DISPOSAL. THIN LAYER OVERLAY

10. REPLACE DRIVEWAYS IN KIND, EITHER HMA PAVEMENT TYPE E-0.3 OR BASE AGGREGATE DENSE 3/4-INCH. ENGINEER IN THE FIELD WILL DETERMINE THE EXACT LOCATION AND WIDTH OF ALL DRIVEWAY ENTRANCES.

11. PLACE SILT FENCE AS DIRECTED BY THE ENGINEER. PLACE SILT FENCE PRIOR TO CONSTRUCTION.

12. PLACE EROSION MAT & TEMPORARY DITCH CHECKS AS DIRECTED BY THE ENGINEER IN THE FIELD.

13. UTILIZE S.D.D. "TRAFFIC CONTROL, ADVANCED WARNING SIGNS 45 M.P.H OR GREATER TWO-WAY UNDIVIDED ROAD OPEN TO TRAFFIC" FOR ADVANCED TRAFFIC CONTROL AT THE BEGINNING

14. THERE ARE UTILITY FACILITIES WITHIN THE PROJECT AREA THAT ARE NOT SHOWN ON THE PLANS. COORDINATE CONSTRUCTION ACTIVITIES WITH A CALL TO DIGGERS HOTLINE AND/OR A DIRECT CALL TO THE UTILITIES THAT HAVE FACILITIES IN THE AREA. NOT ALL UTILITIES ARE MEMBERS OF DIGGERS HOTLINE.

15. CONFIRM THE LOCATIONS OF EROSION CONTROL DEVICES WITH THE ENGINEER. MAINTAIN EROSION CONTROL MEASURES UNTIL THE ENGINEER DETERMINES THEY ARE NO LONGER NECESSARY, REMOVE THE TEMPORARY EROSION CONTROL MEASURES WHEN THEY ARE NO LONGER NEEDED, PAYMENT INCIDENTAL TO THE COST OF THE RESPECTIVE BID ITEM.

16. CROSS SECTIONS SHOW REQUIRED SLOPES AND ANTICIPATED GRADING AT GUARD RAIL LOCATIONS AND ARE FOR INFORMATIONAL PURPOSES ONLY.

17. USE HMA PAVEMENT TYPE E-0.3 ASPHALTIC MATERIAL AND 12.5 MM NOMINAL MAXIMUM SIZE GRADATION FOR WEDGING REQUIRED AT SUPER ELEVATION CORRECTIONS.

18. MAXIMUM LIFT THICKNESS FOR HMA PAVEMENT TYPE E-0.3 WEDGING IS 2-INCHES

SHEET

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EXISTING TYPICAL SECTION

| PROJECT NO:5939-00-61   | HWY:STH 80 | COUNTY: IOWA          | EXISTING TYPICAL SEC | TION        |
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### <u>GENERAL NOTES</u>

- ALL SIGNS TO HAVE FLUORESCENT REFLECTIVE SHEETING REFERENCE: WISDOT STANDARD SPECIFICATIONS FOR HIGHWAY AND STRUCTURE CONSTRUCTION, LATEST EDITION.
- AFTER SIGNS HAVE BEEN LOCATED IN THE FIELD, BUT BEFORE INSTALLATION, THE PROJECT ENGINEER WILL VERIFY EACH SIGN LOCATION.
- SIGNS ON THIS SHEET TO BE PAID UNDER THE ITEM "FIXED MESSAGE SIGNS".
- SIGNS ARE BLACK NON-REFLECTIVE MESSAGE ON ORANGE FLUORESCENT REFLECTIVE -BACKGROUND PER PEC. 637 & 643.
- ALL SIGNS HAVE CAPITAL LETTERS AND NUMERALS: 6" CAPS ARE SERIES "C".
- THE CONTRACTOR WILL SUBMIT SHOP DRAWINGS TO THE ENGINEER FOR REVIEW PRIOR TO MANUFACTURING. CONTRACTOR WILL VERIFY DIMENSIONS.
- SIGN BASE MATERIAL IS ACCORDING TO SECTION 637 & 643.
- PLACE FIXED MESSAGE SIGNS 2 WEEKS BEFORE STARTING CONSTRUCTION.



COMPLETE ALL CONSTRUCTIONS ACTIVITIES WHILE OPEN TO THRU TRAFFIC.

OPERATIONS) TO COMPLETE WORK.

AT SIDE ROAD INTERSECTIONS SEE BELOW FOR ADVANCED W20-1 SIGNS AND ALSO REFERENCE SDD TRAFFIC CONTROL, ADVANCE WARNING SIGNS 45 M.P.H. OR GREATER TWO-WAY UNDIVIDED ROAD OPEN TO TRAFFIC. PLACE ALL ADVANCED WARNING SIGNS IN THE LOCATIONS SPECIFIED BY THE ENGINEER IN THE FIELD.





| PROJECT NO:5939-00-61   | HWY:STH 80 | COUNTY: IOWA          | CONSTRUCTION DETAIL |             |
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### TRAFFIC CONTROL

UTILIZE SDD TRAFFIC CONTROL FOR LANE CLOSURE (SUITABLE FOR MOVING

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| PROJECT NO:5939-00-61   | HWY: STH 80 | COUNTY:IOWA           | PERMANENT SIGNING |             |
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PLOT BY : twatt



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|   | PASSING EXISTING SIGN                 |             |             |                                 |                    |
|   | PROPOSED SIGN MOUNTED ON POST(S)      |             |             |                                 |                    |
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|--|---------|----------------------|--|-------|---------------------|---------------------|--|
| NUMBER         I LEW NO.5         CLEW NESSART IO NO.         STAT         I D.7. Cool         I D.7. Cool <t< td=""><td></td><td></td><td></td><td></td><td>ΤΟΤΑΙ</td><td>5939-00-61</td><td></td></t<> |         |                      |  |       | ΤΟΤΑΙ               | 5939-00-61          |  |
| 0020         201.0205         SCHUBBING         STA         37.000         37.000           0030         204.0115         REMOVING ASPHALTIC SURFACE BUT JOINTS         SY         1,735.000         1,735.000         1,000         100.000           0040         204.0155         REMOVING GUARDRAIL         LF         100.000         1.000         100.000           0050         211.0100         PREPARE FOUNDATION FOR ASPHALTIC PAVING         STA         60.000         60.000           0060         211.0100         PREPARE FOUNDATION FOR ASPHALTIC         STA         60.000         1.000           0070         213.0100         PREPARE FOUNDATION FOR ASPHALTIC         STA         60.000         1.275.000         1.000           0070         213.0100         PREPARE FOUNDATION FOR ASPHALTIC         STA         516.000         1.275.000         1.000           0101         BASE AGGREGATE DENSE 3/4-1NCH         TON         1.275.000         1.275.000         100.000         100.000         100.000           0103         BASE AGGREGATE DENSE 1/4-1NCH         TON         1.275.000         100.000         16.000         16.000         16.000         16.000         16.000         16.000         16.000         16.000         16.000         16.000         <  |         | 201 0105             | CLEARING   |       | 37 000              | 37 000              |  |
| 0030         204.0115         REMOVING SUPPLATIC SURFACE BUTT JOINTS         SY         1,735.000         1,735.000           0040         204.0158         REMOVING GUARDRAIL         EF         100.000         1.000         100.000           0050         211.0100         PREPARE FOUNDATION FOR ASPHALTIC PAVING         LS         1.000         1.000           0060         211.0100         PREPARE FOUNDATION FOR ASPHALTIC PAVING         LS         1.000         1.000           0070         213.0100         FINISHIG ROADWAY (PROJECT) 01.         EACH         1.000         1.000           0070         2013.0100         BASE AGGREGATE DENSE 1./4-1 NCH         TON         1.275.000         200.000           0070         305.0500         SHAPING SHOULDERS         TA/4-1 NCH         TON         1.275.000         1.000           0100         305.0500         SHAPING SHOULDERS         TA/4-1 NCH         TON         1.275.000         1.000         1.000           0110         440.4410.S         INCENTIVE F.E-0.3         GAL         1.830.000         1.830.000         1.830.000         1.830.000         1.830.000         1.830.000         1.830.000         1.645.000         465.000         465.000         465.000         465.000         1.800         1.800 </td <td>0020</td> <td>201.0205</td> <td>GRUBBING</td> <td>STA</td> <td>37.000</td> <td>37.000</td> <td></td>   | 0020    | 201.0205             | GRUBBING   | STA   | 37.000              | 37.000              |  |
| 0040         204.0165         REMOVING GUARDRAIL         LF         100.000         100.000           0050         211.0100         PREPARE FOUNDATION FOR ASPHALTIC PAVING         LS         1.000         1.000           0060         211.0100         PREPARE FOUNDATION FOR ASPHALTIC         STA         60.000         60.000           211.0100         FINISH NC RADAWAY (PROJECT) 01.         EACH         1.000         1.000           0070         213.0100         FINISH NC RADAWAY (PROJECT) 01.         EACH         1.000         1.000           0070         305.0120         BASE AGGREATE DENSE 1/L/-LNCH         TON         1.275.000         1.275.000           0100         305.0500         SHAPI NG SHOULDERS         STA         516.000         15.000           0110         440.410.5         INCENTI VE IRI RIDE         DOL         19,500.000         19.500.000           0120         455.0105         ASPHALTI C MATERIAL PG88-28         TON         4.53.000         8.340.000           0140         460.1100         HMA PAVEMENT TVPE E-0.3         TON         8.340.000         8.340.000           0150         614.2001         BARRIER SYSTEM GRADING SHAPI NG FINISHING         EACH         8.000         8.000           0161 <td< td=""><td>0030</td><td>204.0115</td><td>REMOVING ASPHALTIC SURFACE BUTT JOINTS</td><td>SY</td><td>1,735.000</td><td>1,735.000</td><td></td></td<>  | 0030    | 204.0115             | REMOVING ASPHALTIC SURFACE BUTT JOINTS                 | SY    | 1,735.000           | 1,735.000           |  |
| 0050         211.0100         PREPARE FOUNDATION FOR ASPHALTIC PAVING         LS         1.000         1.000           0060         211.0400         PREPARE FOUNDATION FOR ASPHALTIC         STA         60.000         60.000           0070         213.0100         FINISHING ROADWAY (PROJECT) 01.         EACH         1.000         1.000           0080         305.0110         BASE ACGREGATE DENSE 3/4-INCH         TON         1.275.000         1.275.000           0090         305.0120         BASE ACGREGATE DENSE 1/4-INCH         TON         1.275.000         1.275.000           0100         305.000         SIAULTIC MATERI AL PCSS-28         TON         465.000         465.000           0110         440.410.5         INCENTIVE TOR LARGENES         TON         8.340.000         1.830.000           0130         455.0005         TACK COAT         TON         8.340.000         5.340.000           0150         460.2000         INCENTIVE DENSITY HMA PAVEMENT         TON         8.340.000         5.340.000           0170         614.0925         SALVAGED ALMARDAL END TREATMENTS         EACH         4.000         4.000           0170         614.2010         MAS GUARDRAL END TREATMENTS         EACH         1.000         1.000           <   | 0040    | 204.0165             | REMOVI NG GUARDRAI L                                   | LF    | 100.000             | 100.000             |  |
| OPROJECT) 01.         5939-00-61           0060         211.0400         PREPARE FOUNDATION FOR ASPHALTIC         STA         60.000         60.000           213.0100         FINISHING RAGAWAY (PROJECT) 01.         EACH         1.000         1.000           0060         305.0120         BASE AGGEGATE DENSE 14-IACH         TON         2.275.000         1.275.000           0100         305.050         SHAPI NG SHOULDERS         STA         516.000         200.000           0100         455.0105         ASPHALTIC MATERIAL P658-28         TON         4.65.000         4.65.000           0120         455.0105         ASPHALTIC MATERIAL P658-28         TON         8.340.000         8.340.000           0130         455.065         TACK COAT         GAL         1.830.000         8.340.000           0140         460.1100         HMA PAVEMENT TYPE E-0.3         TON         8.340.000         8.340.000           0150         614.02015         SALVAGED ASPHALTIC MAVEMENT         DOL         5.340.000         8.340.000           0160         614.2300         MGS GUARDALL 3         LF         2.837.500         2.837.500           0170         614.2010         BARRIER SYSTEM GRADING SHAPING FINISHING         EACH         4.000         4.00   | 0050    | 211.0100             | PREPARE FOUNDATION FOR ASPHALTIC PAVING                | LS    | 1.000               | 1.000               |  |
| 0060         211,0400         PREPARE FOUNDATION FOR ASPHALTIC         STA         60.000         60.000           0070         213.0100         F0910 AGE         F0910 A   |         |                      | (PROJECT) 01. 5939-00-61                               |       |                     |                     |  |
| SHOULDERS         SHOULDERS         SHOULDERS         SHOULDERS         SHOULDERS           0070         213.0100         FINISHING RADAWAY (PROJECT) 01.         EACH         1.000         1.000           0080         305.0120         BASE AGGREGATE DENSE 3/4-1 NCH         TON         2.25.000         2.25.000           0100         305.0500         SHAPILAS GAGREGATE DENSE 1 1/4-1 NCH         TON         2.000         2.000           0110         440.4410.5         INCENTIVE IRI RDE         DOL         19,500.000         19,500.000           0120         455.0105         ASPHALTIC MATERIAL PGSB-28         TON         465.000         465.000           0130         455.0605         TACK COAT         GAL         1,830.000         1,830.000         1,830.000           0140         460.1100         HMA PAVEMENT TYPE E-0.3         TON         8,340.000         8,340.000           0150         614.2001         BARRIER SYSTEM GRADING SHAPING FINISHING EACH         8.000         8.000           0161         614.2000         MCS GUARDRALL END TREATMENTS         EACH         8.000         1.800           0210         614.2600         MCS GUARDRALL END TREATMENTS         EACH         1.000         1.000           0210         614.260   | 0060    | 211.0400             | PREPARE FOUNDATION FOR ASPHALTIC                       | STA   | 60,000              | 60,000              |  |
| 0070         213.0100         FINISHING RADBWAY (PROJECT) 01.         EACH         1.000         1.000           0080         305.0110         BASE AGGREGATE DENSE 3/4-INCH         TON         1.275.000         200.000           0100         305.0120         BASE AGGREGATE DENSE 1/4-INCH         TON         1.275.000         200.000           0100         305.0500         SHAPING SHOULDERS         STA         516.000         516.000           0110         440.4410.S         INCENTIVE IRI RIDE         DOL         19,500.000         465.000           0110         445.0605         TACK COAT         GAL         1,830.000         1,830.000           0140         460.100         HAR APVEMENT TYPE E-0.3         TON         8,340.000         8,340.000           0150         460.2005         SALVAGED ASPRALITC AVEMENT MILLING         TON         8,340.000         460.000         5,340.000           0100         614.200         MGS GUARDAL TAL PAVEMENT TIVE IN INTER ALPOS         EACH         4.000         4.000         4.000           0100         614.2300         MGS GUARDAL TAL TEATINE TATE         EACH         1.000         1.000           0100         614.2400         MGS GUARDAL TAL TEATINENT RALP OF HAUL ROADS         EACH         1.000  |         | 21110100             | SHOULDERS  | 0.77  |                     | 001000              |  |
| 5939-00-61         5939-00-61           0090         305.0120         BASE AGGREGATE DENSE 3/4-INCH         TON         1, 275.000         1, 275.000           0100         305.0120         BASE AGGREGATE DENSE 1/4-INCH         TON         200.000         200.000           0110         440.410.S         INCENTIVE IRI RI DE         DOL         19, 500.000         19, 500.000           0110         440.410.S         INCENTIVE LIRI RI DE         DOL         19, 500.000         18, 830.000           0110         440.0100         ASPHALTIC MATERIAL PGSB-28         TON         460.100         460.000           0140         460.1100         HMA PAVEMENT TYPE E-0.3         TON         8, 340.000         8, 340.000           0150         460.2000         INCENTIV E DENSITY HWA PAVEMENT         DOL         5, 340.000         8, 000           0160         614.2000         MCS GUARDRALL END TREATINETIS IN EACH         8, 000         8, 000         18, 000           0190         614.2000         MCS GUARDRALL END TREATINETIS IN EACH         8, 000         18, 000         18, 000           0210         614.2000         MCS GUARDRALL END TREATINETIS IN EACH         8, 000         18, 000         18, 000           0210         614.2000         MCS GUARDRAL   | 0070    | 213.0100             | FINISHING ROADWAY (PROJECT) 01.                        | EACH  | 1.000               | 1.000               |  |
| 0080         305.0110         BASE AGGREGATE DENSE 1 /4-INCH         TON         1.275.000         1.275.000           0100         305.0500         SHAPINC SHOULDERS         STA         STA         200.000         200.000           0110         440.4410.S         INCENTIVE IRI RIDE         DOL         19,500.000         19,500.000         19,500.000           0110         440.4410.S         INCENTIVE IRI RIDE         DOL         19,500.000         19,500.000         465.000           0110         440.4410.S         INCENTIVE IRI RIDE         CAL         1,830.000         1,830.000           0110         440.4410.S         INCENTIVE DENSITY HWA PAVEMENT         DOL         5,340.000         5,340.000           0110         644.001         BARIER SYSTEM GRADING SHAPING FINISHING EACH         8.000         8.000           0110         614.0225         SALVAGED ASPHALTIC PAVEMENT         EACH         8.000         8.000           0110         614.2010         MCS THRIE R SYSTEM GFAIN SHAPING FINISHING EACH         EACH         8.000         8.000           0210         614.2610         MCS THRIE BEAM TRANSITION         LF         158.000         158.000           0210         614.2610         MCS GUARDRALI TERMINEA FA         FACH         1.0  |         |                      | 5939-00-61   |       |                     |                     |  |
| 0000         305.0120         BASE AUGREGATE DENSE T 1/4-1NCH         10N         200.000         200.000           0100         305.0500         STATURE         STA         516.000         516.000           0110         440.4410.S         INCENTI VE IRI RI DE         DOL         19,500.000         19,500.000           0120         455.0105         ASCK COAT         GAL         1,830.000         1,830.000           0140         460.1100         HMA PAVEMENT TYPE E-0.3         TON         8,340.000         5,340.000           0150         640.2000         INCENTI VE DENSITY HMA PAVEMENT         DUL         5,340.000         5,340.000           0160         614.0010         BARRIER SYSTEM GRADING SHAPING FINISHING EACH         8.000         8.000           0170         614.2300         MGS GUARDRAIL A         TRET REAMINES         EACH         8.000           0180         614.2500         MGS GUARDRAIL A         TRET REAMINES         EACH         1.000         1.000           0210         614.2610         MGS GUARDRAIL TERMINAL EAT         EACH         1.000         1.000           0220         614.2610         MGS GUARDRAIL TERMINAL EAT         EACH         1.000         1.000           0220         614.2610   | 0800    | 305.0110             | BASE AGGREGATE DENSE 3/4-INCH                          | TON   | 1,275.000           | 1,275.000           |  |
| 0100         303.0300         Sharing Shoulders         314         010.000         101.000           0100         440.4410.5         INCENTIVE IRI RIDE         DDL         19.500.000         19.500.000           0101         440.4410.5         INCENTIVE IRI RIDE         DDL         19.500.000         1455.000           0102         455.0105         ASPHALTIC MATERIAL PG58-28         TON         465.000         1.830.000           0110         HAR PAVEMENT TYPE E-0.3         TON         8.340.000         5.340.000           0110         HAR PAVEMENT TYPE E-0.3         TON         3.118.000         8.340.000           0110         HAR PAVEMENT TYPE E-0.3         TON         3.118.000         8.340.000           0110         HAR PAVEMENT TYPE E-0.3         TON         3.118.000         8.300.000           0110         HAR PAVEMENT TYPE E-0.3         TON         5.340.000         5.340.000           0110         BARRI ER SYSTEM GRADING SHAPING FINISHING END         EACH         8.000         8.300.000           0100         MARTERIAL TERMINAL EAT         EACH         8.000         15.000         15.8000           0210         614.2610         MGS GUARDRALL ERMINAL EAT         EACH         1.0000         1.000  | 0090    | 305.0120             | BASE AGGREGATE DENSE I 1/4-INCH                        |       | 200.000<br>E14.000  | 200.000             |  |
| 0110         440. 4410.5         INCENTIVE IRI RIDE         DOL         19, 500.000         19, 500.000           0120         455.0053         ASPNLATIC MATERIAL PG58-28         TON         465.000         1, 830.000         1, 840.000         1, 800.000         1, 840.000         1, 800.000  | 0100    | 305.0500             | SHAPING SHOULDERS                                      | STA   | 516.000             | 516.000             |  |
| 0120         455.0105         ASPHALTI.C MATERIAL PG58-28         TON         465.000         465.000           0130         455.0605         TACK COAT         GAL         1,830.000         8,340.000         8,340.000           0140         460.1100         HMA PAVEMENT TYPE E.0.3         TON         8,340.000         5,340.000         5,340.000           0150         460.2000         INCENTIVE DENSITY HMA PAVEMENT         DOL         5,340.000         5,340.000         6,340.000           0160         614.0010         BARRIER SYSTEM GRADING SHAPING FINISHING         EACH         8.000         8.000           0170         614.2010         BARRIER SYSTEM GRADING SHAPING FINISHING         EACH         8.000         8.000           0120         614.2010         MGS GUARDALI         ENTRETENTS         EACH         8.000         8.000           0210         614.2610         MGS THRIE BEAM TRANSITION         LF         158.000         158.000           0210         619.1000         MOBLILZATION         FACH         1.000         1.000           0220         614.2610         MULCHING         SY         4,140.000         4,140.000           0220         619.1000         MOBLILZATIONS EROSION CONTROL         EACH         1.000 <td>0110</td> <td>440. 4410. S</td> <td>INCENTIVE IRI RIDE</td> <td>DOL</td> <td>19, 500. 000</td> <td>19, 500. 000</td> <td></td>   | 0110    | 440. 4410. S         | INCENTIVE IRI RIDE                                     | DOL   | 19, 500. 000        | 19, 500. 000        |  |
| 0130         455.0605         TACK         COAT         GAL         1,830.000         1,830.000           0140         460.2000         INCENTI VE DENSI TY HMA PAVEMENT         DOL         5,340.000         5,340.000           0150         460.2000         INCENTI VE DENSI TY HMA PAVEMENT         DOL         5,340.000         5,340.000           0160         490.0205         SALVAGED ASPHALTIC PAVEMENT MILLING         TON         3,118.000         3,118.000           0170         614.0925         SALVAGED GUARDRAL END TREATMENTS         LF         2,837.500         2,837.500           0190         614.2300         MCS GUARDRAL 1         ENTRE SYSTEM         EACH         8.000         8.000           0210         614.2500         MCS GUARDRAL 1         TERNINAL EAT         EACH         1.000         1.000           0210         614.2610         MCS GUARDRAL 1         TERNINAL EAT         EACH         1.000         1.000           0210         619.1000         MRINTENANCE AND REPAIR OF HAUL ROADS         EACH         1.000         1.000           0210         623.1000         MUCHING         SY         4,140.000         4,140.000           0210         624.1520         SI LT FENCE MAINTENANCE         LF         750.000   | 0120    | 455.0105             | ASPHALTIC MATERIAL PG58-28                             | TON   | 465.000             | 465.000             |  |
| 0140         460. 1100         HMA PAVEMENT TYPE E-0.3         TON         8.340.000         8.340.000           0150         460.2000         INCENTI VE DENSITY HMA PAVEMENT         DOL         5.340.000         5.340.000           0170         614.0010         BARRIER SYSTEM GRADI NG SHAPING FINISHING<br>614.0225         SALVAGED ARDRAIL END TREATMENTS         EACH         8.000         4.000         4.000           0180         614.2300         MGS GUARDRAIL 2         DTREATMENTS         EACH         8.000         8.000           0200         614.2300         MGS GUARDRAIL 3         TERAITMENTS         EACH         8.000         8.000           0210         614.2610         MGS GUARDRAIL TERMINAL EAT         EACH         1.000         1.000           0220         619.1000         MGILIZATION         EACH         1.000         1.000           0220         619.1000         MGILIZATION         SY         4,140.000         4,140.000           0240         625.0100         TOPSOIL         SY         4,140.000         1.500.000         1.500.000           0260         628.1504         SILT FENCE         LF         750.000         750.000         2.000           0270         628.1501         MGILIZATIONS EMERGENCY EROSION CONTRO   | 0130    | 455.0605             | TACK COAT  | GAL   | 1, 830. 000         | 1, 830. 000         |  |
| 0150         460. 2000         INCENTIVE DENSITY HMA PAVEMENT         DOL         5, 340. 000         5, 340. 000           0160         490. 0205         SALVAGED ASPHALTIC PAVEMENT MILLING         TON         3, 118. 000         3, 118. 000           0170         614. 0010         BARRIE R. SYSTEM GRADING SHAPING FINSHING EACH         8. 000         4. 000         4. 000           0190         614. 2300         MGS GUARDRAIL END TREATMENTS         EACH         4. 000         4. 000           0200         614. 2610         MGS GUARDRAIL TERMI NAL EAT         EACH         8. 000         8. 000           0210         614. 2610         MGS GUARDRAIL TERMI NAL EAT         EACH         1. 000         1. 000           0220         6114. 2610         MGS GUARDRAIL TERMI NAL EAT         EACH         1. 000         1. 000           0220         619. 1000         MOBI LI ZATI ON         EACH         1. 000         1. 000           0230         628. 1904         SILT FENCE         LF         7.50. 000         7.50. 000           0230         628. 1905         MOBI LI ZATI ONS EMERGENCY ENSING CONTROL         EACH         2. 000         2. 000           0230         628. 1904         SILT FENCE         LF         1. 500. 000         1. 500. 000  | 0140    | 460. 1100            | HMA PAVEMENT TYPE E-0.3                                | TON   | 8, 340. 000         | 8, 340. 000         |  |
| 0160         490.0205         SALVAGED ASPHALTIC PAVEMENT MILLING         TON         3,118.000         3,118.000           0170         614.0010         BARRIER SYSTEM GRADING SHAPING FINISHING EACH         8.000         8.000           0180         614.0010         BARRIER SYSTEM GRADING SHAPING FINISHING EACH         8.000         8.000           0190         614.2500         MGS GUARDRAIL B.         TREATMENTS         LF         2.837.500         2.837.500           0200         614.2500         MGS GUARDRAIL TERMINAL EAT         EACH         8.000         8.000           0210         614.2610         MGS GUARDRAIL TERMINAL EAT         EACH         1.000         1.000           0220         619.1000         MOBILIZATION         EACH         1.000         1.000           0220         625.0100         TOPSOL         SY         4,140.000         4,140.000           0220         628.1504         SILT FENCE         LF         7,50.000         7,50.000           0270         628.1502         SILT FENCE         LF         1,500.000         1,500.000           0280         628.2023         EROSION MAT CLASS II TYPE B         SY         40.000         40.000           0290         628.1504         TEMPORARY DITCH CHECK  | 0150    | 460. 2000            | INCENTIVE DENSITY HMA PAVEMENT                         | DOL   | 5, 340. 000         | 5, 340. 000         |  |
| 0100       1420.0000       35.118.000       3, 118.000       3, 118.000         0170       614.0010       BARRIER SYSTEM GRADING SHAPING FINISHING EACH       8.000       4.000         0180       614.0025       SALVAGED GUARDRAIL END TREATMENTS       EACH       4.000       4.000         0190       614.2300       MGS GUARDRAIL END TREATMENTS       EACH       4.000       2.837.500         0200       614.2500       MGS GUARDRAIL TERMI NAL EAT       EACH       8.000       8.000         0210       614.2610       MGS GUARDRAIL TERMI NAL EAT       EACH       1.000       1.000         0220       619.1000       MMINTENANCE AND REPAIR OF HAUL ROADS       EACH       1.000       1.000         0240       625.0100       TOPSOIL       SY       4,140.000       4,140.000         0240       628.1504       SILT FENCE       LF       750.000       750.000         0270       628.1505       SILT FENCE       LF       1,500.000       1.500.000         0280       628.1900       MOBILIZATIONS EMERGENCY EROSION CONTROL       EACH       2.000       2.000         0300       628.7504       TEMPORARY DITCH CHECKS       LF       100.000       100.000       2.590       2.590       2.590   |         | 400 0205             |  |       | 2 110 000           | 2 110 000           |  |
| 0.1.2         0.1.4         0.000         0.000         0.000         0.000           0180         614.0225         MGS GUARDRAIL 3         LF         2,837.500         2,837.500           0200         614.2500         MGS GUARDRAIL TERMI NAL EAT         EACH         4.000         158.000           0210         614.2610         MGS GUARDRAIL TERMI NAL EAT         EACH         1.000         1.000           0220         618.0100         MAINTENANCE AND REPAIR OF HAUL ROADS         EACH         1.000         1.000           0230         619.1000         MGBILIZATION         EACH         1.000         1.000           0240         625.0100         TOPSOIL         SY         4,140.000         4,140.000           0250         627.0200         MULCHING         SY         4,140.000         4,140.000           0260         628.1504         SILT FENCE         LF         750.000         750.000           0270         628.1504         SILT FENCE         LF         1,500.000         1,500.000           0280         628.1905         MOBILIZATIONS EROSION CONTROL         EACH         2.000         2.000           0300         630.0120         SEPOING MIXTURE NO.20         LF         100.000  | 0100    | 490.0205<br>611 0010 | BARDIER SYSTEM CRADING SHADING EINISUING               |       | 3, 118.000<br>2 000 | 3, 118.000<br>2,000 |  |
| 0100       614.2300       MGS GUARDRAIL 3       LF       2.837.500       2.837.500         0200       614.2500       MGS GUARDRAIL TERMINAL EAT       EACH       8.000       8.000         0210       614.2610       MGS GUARDRAIL TERMINAL EAT       EACH       1.000       1.000         0220       618.000       MAINTENANCE AND REPAIR OF HAUL ROADS       EACH       1.000       1.000         0230       619.1000       MOBILIZATION       EACH       1.000       4.140.000       4.140.000         0240       625.0100       OPSOIL       SY       4.140.000       4.140.000       4.140.000         0250       627.0200       MULCHING       SY       4.140.000       4.140.000       1.500.000         0260       628.1504       SILT FENCE       LF       750.000       750.000       2.000         0270       628.1520       SILT FENCE MAINTENANCE       LF       1.500.000       2.000       2.000         0280       628.1905       MOBILIZATIONS ENERGENCY EROSION CONTROL       EACH       2.000       2.000       2.000         0300       628.7504       TEMPORARY DITCH CHECKS       LF       100.000       100.000       0200       2.590       2.590       2.590       2.590  | 0180    | 614 0075             | SALVAGED GUARDRALL END TREATMENTS                      |       | 8.000<br>1 000      |                     |  |
| C112         C12         C12         C12         C1  | 0190    | 614, 2300            | MGS GUARDRALL 3  | LEAGH | 2,837,500           | 2.837 500           |  |
| O210         614.2610         MGS GUARDRAIL TERMINAL EAT         EACH         8.000         8.000           O220         618.0100         MAINTENANCE AND REPAIR OF HAUL ROADS         EACH         1.000         1.000           O230         619.1000         MOBILIZATION         EACH         1.000         1.000           O240         625.0100         TOPSOIL         SY         4,140.000         4,140.000           O270         628.1520         SILT FENCE         LF         750.000         750.000           O270         628.1520         SILT FENCE         LF         750.000         1,500.000           O280         628.190         MOBILIZATIONS EMERGENCY EROSION CONTROL         EACH         2.000         2.000           O290         628.1910         MOBILIZATIONS EMERGENCY EROSION CONTROL         EACH         2.000         2.000           O300         628.7504         TEMPORARY DI TCH CHECKS         LF         100.000         100.000           O310         628.7504         TEMPORARY DI TCH CHECKS         LF         100.000         100.000           O320         634.0614         POSTS WOOD 4X6-INCH X 14-FT         EACH         26.000         26.000           O330         634.0614         POSTS WOOD 4X6-INCH X 1   | 0200    | 614. 2500            | MGS THRIE BEAM TRANSITION                              | LF    | 158.000             | 158.000             |  |
| 0210         614.2610         MGS GUARDRAIL TERMINAL EAT         EACH         8.000         8.000           0220         618.0100         MAINTENANCE AND REPAIR OF HAUL ROADS         EACH         1.000         1.000           0230         619.1000         MOBILIZATION         EACH         1.000         1.000           0240         625.0100         MOBILIZATION         EACH         1.000         4.140.000           0250         627.0200         MULCHING         SY         4.140.000         4.140.000           0260         628.1504         SILT FENCE         LF         750.000         750.000           0270         628.1520         SILT FENCE MAINTENANCE         LF         1,500.000         1.000           0280         628.1910         MOBILIZATIONS ERGSION CONTROL         EACH         2.000         2.000           0300         628.2023         EROSION MAT CLASS II TYPE B         SY         40.000         40.000           0310         628.7504         TEMPORARY DITCH CHECKS         LF         100.000         100.000           0320         630.0120         SEEDING MIXTURE NO. 20         LB         11.100         11.100           0340         631.0618         POSTS WOOD 4X6-INCH X 16-FT         EACH<  |         |                      | -  |       |                     |                     |  |
| 0220         618. 0100         MAI NTENANCE AND REPAIR OF HAUL ROADS         EACH         1. 000         1. 000           0230         619. 1000         MOBILIZATION         EACH         1. 000         1. 000           0240         625. 0100         TOPSOIL         SY         4, 140. 000         4, 140. 000           0250         627. 0200         MULCHI NG         SY         4, 140. 000         4, 140. 000           0260         628. 1504         SILT FENCE         LF         750. 000         1, 500. 000           0270         628. 1520         SILT FENCE         LF         1, 500. 000         1, 500. 000           0280         628. 1905         MOBILIZATI ONS EMERGENCY EROSI ON CONTROL         EACH         2. 000         2. 000           0300         628. 2023         EROSI ON MAT CLASS II TYPE B         SY         40. 000         40. 000           0310         628. 7504         TEMPORARY DI TCH CHECKS         LF         100. 000         100. 000           0320         634. 0614         POSTS WOOD 4X6-INCH X 14-FT         EACH         33. 000         33. 000           0330         634. 0618         POSTS WOOD 4X6-INCH X 18-FT         EACH         6. 000         6. 000           0340         634. 0618  | 0210    | 614.2610             | MGS GUARDRAIL TERMINAL EAT                             | EACH  | 8.000               | 8.000               |  |
| CPROJECT J 01. 5939-00-61           0230         619.1000         MOBLI ZATI 0N         EACH         1.000         1.000           0240         625.0100         TOPSOIL         SY         4,140.000         4,140.000           0250         627.0200         MULCHING         SY         4,140.000         4,140.000           0260         628.1504         SILT FENCE         LF         750.000         750.000           0270         628.1520         SILT FENCE MAINTENANCE         LF         1,500.000         1,500.000           0280         628.1905         MOBILIZATIONS EROSION CONTROL         EACH         2.000         2.000           0290         628.2023         EROSION MAT CLASS II TYPE B         SY         40.000         40.000           0300         628.2023         EROSION MAT CLASS II TYPE B         CWT         2.590         2.590           0310         628.7504         TEMPORARY DI TCH CHECKS         LF         100.000         100.000           0320         630.0120         SEEDING MIXTURE NO. 20         LB         11.100         11.100           0340         634.0614         POSTS WOOD 4X6-1NCH X 18-FT         EACH         6.000         6.000           0370         637.2210  | 0220    | 618.0100             | MAINTENANCE AND REPAIR OF HAUL ROADS                   | EACH  | 1.000               | 1.000               |  |
| 0230         619. 1000         MUBELIZATION         EACH         1.000         1.000         1.000           0240         625. 0100         TOPSOIL         SY         4, 140.000         4, 140.000           0250         627. 0200         MULCHING         SY         4, 140.000         4, 140.000           0260         628. 1504         SILT FENCE         LF         750.000         750.000           0270         628. 1905         MOBILIZATIONS EROSION CONTROL         EACH         2.000         2.000           0280         628. 1905         MOBILIZATIONS EMERGENCY EROSION CONTROL         EACH         2.000         2.000           0300         628. 7504         TEMPORARY DITCH CHECKS         LF         100.000         100.000           0310         628. 7504         TEMPORARY DITCH CHECKS         LF         100.000         100.000           0320         630. 0120         SEEDI RG MIXTURE NO. 20         LB         11.100         11.100           0330         634. 0614         POSTS WOOD 4X6-INCH X 18-FT         EACH         26.000         26.000           0360         637. 2210         SI GNS TYPE II REFLECTIVE H         SF         229.680         229.680           0380         637. 2210         SI GN  | 0000    | (10, 1000            | (PROJECT) 01. 5939-00-61                               |       | 1 000               | 1 000               |  |
| 0240         0250         627.0200         MULCHING         SY         4, 140.000         4, 140.000         4, 140.000           0250         627.0200         MULCHING         SY         4, 140.000         4, 140.000           0260         628.1504         SILT FENCE         LF         750.000         750.000           0270         628.1905         MOBILIZATIONS ERGSION CONTROL         EACH         2.000         2.000           0290         628.1910         MOBILIZATIONS ERGENCY EROSION CONTROL         EACH         2.000         2.000           0300         628.2023         EROSION MAT CLASS II TYPE B         SY         40.000         40.000           0310         628.7504         TEMPORARY DITCH CHECKS         LF         100.000         100.000           0320         629.0210         FERTILIZER TYPE B         CWT         2.590         2.590           0330         630.0120         SEEDING MIXTURE NO.20         LB         11.100         11.100           0340         634.0618         POSTS WOOD 4X6-INCH X 14-FT         EACH         26.000         26.000           0360         637.2210         SI GNS TYPE II REFLECTIVE H         SF         242.250         242.250           0380         637.2220 <td>0230</td> <td>619.1000</td> <td></td> <td>EACH</td> <td>I. 000</td> <td>1.000</td> <td></td>   | 0230    | 619.1000             |  | EACH  | I. 000              | 1.000               |  |
| OLSO         OLSO         MILETING         ST         THO.000         THO.000           0260         628.1520         SILT FENCE         ITFENCE   | 0240    | 625.0100             | MULCHING   | SV    | 4, 140, 000         | 4,140.000           |  |
| 0260         628. 1504         SILT FENCE         LF         750. 000         750. 000           0270         628. 1520         SILT FENCE MAINTENANCE         LF         1, 500. 000         1, 500. 000           0280         628. 1905         MOBILIZATIONS EMERGSION CONTROL         EACH         2. 000         2. 000           0300         628. 2023         EROSION MAT CLASS II TYPE B         SY         40. 000         40. 000           0310         628. 7504         TEMPORARY DI TCH CHECKS         LF         100. 000         100. 000           0330         630. 0120         SEEDING MIXTURE NO. 20         LB         11. 100         11. 100           0340         634. 0616         POSTS WOOD 4X6-INCH X 14-FT         EACH         26. 000         26. 000           0350         634. 0618         POSTS WOOD 4X6-INCH X 18-FT         EACH         26. 000         26. 000           0360         637. 2210         SIGNS TYPE II REFLECTIVE H         SF         229. 680         229. 680           0370         637. 2220         SIGNS TYPE II REFLECTIVE F         SF         242. 250         242. 250           0380         638. 2602         REMOVING SIGNS TYPE II         EACH         6. 000         64. 000           0400         6  | 0200    | 527.0200             |  | 51    | 7, 140, 000         | ч, тчо. 000         |  |
| 0270         628.1520         SILT FENCE MAINTENANCE         LF         1,500.000         1,500.000           0280         628.1905         MOBILIZATIONS EROSION CONTROL         EACH         2.000         2.000           0300         628.2023         EROSION MAT CLASS II TYPE B         SY         40.000         40.000           0310         628.7504         TEMPORARY DITCH CHECKS         LF         100.000         100.000           0320         629.0210         FERTILIZER TYPE B         CWT         2.590         2.590           0330         630.0120         SEEDING MIXTURE NO. 20         LB         11.100         11.100           0340         634.0614         POSTS WOOD 4X6-INCH X 14-FT         EACH         26.000         26.000           0350         634.0618         POSTS WOOD 4X6-INCH X 18-FT         EACH         26.000         26.000           0360         637.2210         SIGNS TYPE II REFLECTIVE H         SF         229.680         229.680           0390         638.2602         REMOVING SIGNS TYPE II         EACH         69.000         64.000           0400         643.0401         TRAFFIC CONTROL (PROJECT) 01. 5939-00-61         EACH         1.000         1.000           0410         643.0402  | 0260    | 628. 1504            | SILT FENCE   | LF    | 750.000             | 750.000             |  |
| 0280         628.1905         MOBILIZATIONS EROSION CONTROL<br>MOBILIZATIONS EMERGENCY EROSION CONTROL<br>EROSION MAT CLASS II TYPE B         EACH<br>SY         2.000         2.000           0300         628.2023         EROSION MAT CLASS II TYPE B         SY         40.000         40.000           0310         628.2023         TEMPORARY DI TCH CHECKS         LF         100.000         100.000           0310         628.7504         TEMPORARY DI TCH CHECKS         LF         100.000         100.000           0320         629.0210         FERTILIZER TYPE B         CWT         2.590         2.590           0330         630.0120         SEEDING MIXTURE NO. 20         LB         11.100         11.100           0340         634.0616         POSTS WOOD 4X6-INCH X 14-FT         EACH         26.000         26.000           0360         634.0618         POSTS WOOD 4X6-INCH X 18-FT         EACH         6.000         6.000           0370         637.2210         SIGNS TYPE II REFLECTIVE H         SF         229.680         229.680           0380         633.2602         REMOVING SIGNS TYPE II         EACH         69.000         69.000           0400         643.0100         TRAFFIC CONTROL DRUMS         EACH         1.000         1.000   | 0270    | 628. 1520            | SILT FENCE MAINTENANCE                                 | LF    | 1, 500. 000         | 1, 500. 000         |  |
| 0290         628.1910         MOBILIZATIONS EMERGENCY EROSION CONTROL         EACH         2.000         2.000           0300         628.2023         EROSION MAT CLASS II TYPE B         SY         40.000         40.000           0310         628.7504         TEMPORARY DITCH CHECKS         LF         100.000         100.000           0320         629.0210         FERTILIZER TYPE B         CWT         2.590         2.590           0330         630.0120         SEEDING MIXTURE NO. 20         LB         11.100         11.100           0340         634.0614         POSTS WOOD 4X6-INCH X 14-FT         EACH         33.000         33.000           0350         634.0618         POSTS WOOD 4X6-INCH X 18-FT         EACH         6.000         6.000           0360         634.0618         POSTS WOOD 4X6-INCH X 18-FT         EACH         6.000         6.000           0370         637.2210         SIGNS TYPE II REFLECTIVE H         SF         242.250         242.250           0380         638.2602         REMOVING SIGNS TYPE II         EACH         64.000         64.000           0410         642.5001         FIELD OFFICE TYPE B         EACH         1.000         1.000           0420         643.03000         TRAFFIC C   | 0280    | 628.1905             | MOBILIZATIONS EROSION CONTROL                          | EACH  | 2.000               | 2.000               |  |
| 0.300         628.2023         EROSTION MAT CLASS TT TYPE B         SY         40.000         40.000           0310         628.7504         TEMPORARY DI TCH CHECKS         LF         100.000         100.000           0320         629.0210         FERTI LI ZER TYPE B         CWT         2.590         2.590           0330         630.0120         SEEDI NG MIXTURE NO. 20         LB         11.100         11.100           0340         634.0614         POSTS WOOD 4X6-INCH X 14-FT         EACH         33.000         33.000           0350         634.0616         POSTS WOOD 4X6-INCH X 16-FT         EACH         26.000         26.000           0360         637.2210         SI GNS TYPE II         REFLECTIVE H         SF         229.680         229.680           0380         637.2230         SI GNS TYPE II         REFLECTIVE F         SF         242.250         242.250           0390         638.2602         REMOVING SIGNS TYPE II         EACH         64.000         64.000           0410         642.000         TRAFFIC CONTROL PRUMS         DAY         800.000         800.000           0420         643.0100         TRAFFIC CONTROL DRUMS         DAY         800.000         800.000           0430         64  | 0290    | 628.1910             | MOBILIZATIONS EMERGENCY EROSION CONTROL                | EACH  | 2.000               | 2.000               |  |
| 0310         628.7504         TEMPORARY DITCH CHECKS         LF         100.000         100.000           0320         629.0210         FERTILIZER TYPE B         CWT         2.590         2.590           0330         630.0120         SEEDING MIXTURE NO. 20         LB         11.100         11.100           0340         634.0614         POSTS WOOD 4X6-INCH X 14-FT         EACH         33.000         33.000           0350         634.0616         POSTS WOOD 4X6-INCH X 14-FT         EACH         26.000         26.000           0360         634.0618         POSTS WOOD 4X6-INCH X 18-FT         EACH         6.000         6.000           0370         637.2210         SI GNS TYPE II         REFLECTIVE H         SF         229.680         229.680           0380         633.2602         REMOVING SI GNS TYPE II         EACH         69.000         64.000           0410         642.5001         FI ELD OFFICE TYPE B         EACH         1.000         1.000           0420         643.0300         TRAFFIC CONTROL (PROJECT) 01. 5939-00-61         EACH         1.000         1.000           0430         643.0300         TRAFFIC CONTROL DRUMS         DAY         800.000         800.000           0440         643.0420   | 0300    | 628. 2023            | EROSION MAI CLASS II TYPE B                            | SY    | 40.000              | 40.000              |  |
| 0320         629.0210         FERTILIZER TYPE B         CWT         2.590         2.590           0330         630.0120         SEEDING MIXTURE NO. 20         LB         11.100         11.100           0340         634.0614         POSTS WOOD 4X6-INCH X 14-FT         EACH         33.000         33.000           0350         634.0616         POSTS WOOD 4X6-INCH X 16-FT         EACH         26.000         26.000           0360         634.0618         POSTS WOOD 4X6-INCH X 18-FT         EACH         20.000         6.000           0370         637.2210         SIGNS TYPE II REFLECTIVE H         SF         229.680         229.680           0380         637.2230         SIGNS TYPE II REFLECTIVE F         SF         242.250         242.250           0390         638.2602         REMOVING SIGNS TYPE II         EACH         69.000         69.000           0400         638.3000         REMOVING SMALL SIGN SUPPORTS         EACH         1.000         1.000           0410         642.5001         FIELD OFFICE TYPE B         EACH         1.000         1.000           0420         643.0100         TRAFFIC CONTROL (PROJECT) 01.5939-00-61         EACH         1.000         1.000           0430         643.0300         TR   | 0310    | 628, 7504            | TEMPORARY DITCH CHECKS                                 | LF    | 100,000             | 100,000             |  |
| 0330         630.0120         SEEDING MIXTURE NO. 20         LB         11.100         11.100           0340         634.0614         POSTS WOOD 4X6-INCH X 14-FT         EACH         33.000         33.000           0350         634.0616         POSTS WOOD 4X6-INCH X 16-FT         EACH         26.000         26.000           0360         634.0618         POSTS WOOD 4X6-INCH X 18-FT         EACH         6.000         6.000           0370         637.2210         SIGNS TYPE II REFLECTIVE H         SF         229.680         229.680           0380         637.2230         SIGNS TYPE II REFLECTIVE F         SF         242.250         242.250           0390         638.2602         REMOVING SIGNS TYPE II         EACH         64.000         64.000           0410         642.5001         FIELD OFFICE TYPE B         EACH         1.000         1.000           0420         643.0100         TRAFFIC CONTROL CROJECT) 01.5939-00-61         EACH         1.000         1.000           0430         643.0300         TRAFFIC CONTROL DRUMS         DAY         800.000         800.000           0440         643.0420         TRAFFIC CONTROL BARRICADES TYPE III         DAY         160.000         160.000           0450         643.0715 <td>0320</td> <td>629.0210</td> <td>FERTILIZER TYPE B</td> <td>CWT</td> <td>2. 590</td> <td>2. 590</td> <td></td>  | 0320    | 629.0210             | FERTILIZER TYPE B                                      | CWT   | 2. 590              | 2. 590              |  |
| 0340         634.0614         POSTS WOOD 4X6-INCH X 14-FT         EACH         33.000         26.000           0350         634.0616         POSTS WOOD 4X6-INCH X 16-FT         EACH         26.000         26.000           0360         634.0618         POSTS WOOD 4X6-INCH X 18-FT         EACH         26.000         26.000           0370         637.2210         SI GNS TYPE II REFLECTIVE H         SF         229.680         229.680           0380         637.2230         SI GNS TYPE II REFLECTIVE F         SF         242.250         242.250           0390         638.2602         REMOVING SIGNS TYPE II         EACH         64.000         64.000           0410         642.5001         FI ELD OFFICE TYPE B         EACH         1.000         1.000           0420         643.0100         TRAFFIC CONTROL (PROJECT) 01. 5939-00-61         EACH         1.000         1.000           0440         643.0300         TRAFFIC CONTROL DRUMS         DAY         800.000         800.000           0440         643.0715         TRAFFIC CONTROL BARRI CADES TYPE III         DAY         160.000         160.000           0450         643.0715         TRAFFIC CONTROL SIGNS FIXED MESSAGE         SF         96.000         96.000           0450  | 0330    | 630.0120             | SEEDING MIXTURE NO. 20                                 | LB    | 11. 100             | 11.100              |  |
| 0350         634.0616         POSTS WOOD 4X6-INCH X 16-FT         EACH         26.000         26.000           0360         634.0618         POSTS WOOD 4X6-INCH X 18-FT         EACH         6.000         6.000           0370         637.2210         SI GNS TYPE II REFLECTIVE H         SF         229.680         229.680           0380         637.2230         SI GNS TYPE II REFLECTIVE F         SF         242.250         242.250           0390         638.2602         REMOVING SIGNS TYPE II         EACH         69.000         69.000           0400         638.3000         REMOVING SIGNS TYPE II         EACH         64.000         64.000           0410         642.5001         FIELD OFFICE TYPE B         EACH         1.000         1.000           0420         643.0300         TRAFFIC CONTROL DRUMS         DAY         800.000         800.000           0440         643.0420         TRAFFIC CONTROL BARRICADES TYPE III         DAY         160.000         160.000           0440         643.0715         TRAFFIC CONTROL BARRICADES TYPE C         DAY         320.000         320.000           0440         643.0900         TRAFFIC CONTROL SI GNS         DAY         670.000         670.000           0450         643.0715  | 0340    | 634.0614             | POSTS WOOD 4X6-INCH X 14-FT                            | EACH  | 33.000              | 33.000              |  |
| 0360         634.0618         POSTS WOOD 4X6-INCH X 18-FT         EACH         6.000         6.000           0370         637.2210         SIGNS TYPE II REFLECTIVE H         SF         229.680         229.680           0380         637.2230         SIGNS TYPE II REFLECTIVE H         SF         242.250         242.250           0390         638.2602         REMOVING SIGNS TYPE II         EACH         69.000         69.000           0400         638.3000         REMOVING SMALL SIGN SUPPORTS         EACH         64.000         64.000           0410         642.5001         FIELD OFFICE TYPE B         EACH         1.000         1.000           0420         643.0100         TRAFFIC CONTROL (PROJECT) 01.5939-00-61         EACH         1.000         1.000           0430         643.0300         TRAFFIC CONTROL DRUMS         DAY         800.000         800.000           0440         643.0420         TRAFFIC CONTROL BARRICADES TYPE III         DAY         160.000         160.000           0450         643.0715         TRAFFIC CONTROL WARNING LIGHTS TYPE C         DAY         320.000         320.000           0460         643.0900         TRAFFIC CONTROL SIGNS FIXED MESSAGE         SF         96.000         96.000           0470 <td>0350</td> <td>634.0616</td> <td>POSTS WOOD 4X6-INCH X 16-FT</td> <td>EACH</td> <td>26.000</td> <td>26.000</td> <td></td>  | 0350    | 634.0616             | POSTS WOOD 4X6-INCH X 16-FT                            | EACH  | 26.000              | 26.000              |  |
| U360         634.0618         PUSIS WOUD 4X6-INCH X 18-F1         EACH         6.000         6.000           0370         637.2210         SIGNS TYPE II REFLECTIVE H         SF         229.680         229.680           0380         637.2230         SIGNS TYPE II REFLECTIVE F         SF         242.250         242.250           0390         638.2602         REMOVING SIGNS TYPE II         EACH         69.000         69.000           0400         638.3000         REMOVING SMALL SIGN SUPPORTS         EACH         64.000         64.000           0410         642.5001         FIELD OFFICE TYPE B         EACH         1.000         1.000           0420         643.0100         TRAFFIC CONTROL (PROJECT) 01.5939-00-61         EACH         1.000         1.000           0430         643.0300         TRAFFIC CONTROL DRUMS         DAY         800.000         800.000           0440         643.0420         TRAFFIC CONTROL BARRI CADES TYPE III         DAY         160.000         160.000           0450         643.0715         TRAFFIC CONTROL WARNING LIGHTS TYPE C         DAY         320.000         320.000           0460         643.0900         TRAFFIC CONTROL SIGNS FIXED MESSAGE         SF         96.000         96.000           0470 <td></td> <td>(04.6/10</td> <td></td> <td></td> <td></td> <td></td> <td></td>  |         | (04.6/10             |  |       |                     |                     |  |
| 0370       637.2210       SIGNS TYPE II REFLECTIVE H       SF       229.680       229.680         0380       637.2230       SIGNS TYPE II REFLECTIVE F       SF       242.250       242.250         0390       638.2602       REMOVING SIGNS TYPE II       EACH       69.000       69.000         0400       638.3000       REMOVING SMALL SIGN SUPPORTS       EACH       64.000       64.000         0410       642.5001       FIELD OFFICE TYPE B       EACH       1.000       1.000         0420       643.0100       TRAFFIC CONTROL (PROJECT) 01. 5939-00-61       EACH       1.000       1.000         0430       643.0300       TRAFFIC CONTROL DRUMS       DAY       800.000       800.000         0440       643.0420       TRAFFIC CONTROL BARRICADES TYPE III       DAY       160.000       160.000         0450       643.0715       TRAFFIC CONTROL WARNING LIGHTS TYPE C       DAY       320.000       320.000         0460       643.0900       TRAFFIC CONTROL SIGNS FIXED MESSAGE       SF       96.000       96.000         0470       643.1000       TRAFFIC CONTROL SIGNS FIXED MESSAGE       SF       96.000       96.000         0480       646.0106       PAVEMENT MARKING EPOXY 4-INCH       LF       51,540.000   | 0360    | 634.0618             | PUSIS WOOD 4X6-INCH X 18-FT                            | EACH  | 6.000               | 6.000               |  |
| 0380         037.2230         SIGNS ITPE IT REFLECTIVE F         SF         242.250         242.250         242.250           0390         638.2602         REMOVING SIGNS TYPE II         EACH         69.000         69.000           0400         638.3000         REMOVING SMALL SIGN SUPPORTS         EACH         64.000         64.000           0410         642.5001         FIELD OFFICE TYPE B         EACH         1.000         1.000           0420         643.0100         TRAFFIC CONTROL (PROJECT) 01.5939-00-61         EACH         1.000         1.000           0430         643.0300         TRAFFIC CONTROL DRUMS         DAY         800.000         800.000           0440         643.0420         TRAFFIC CONTROL BARRICADES TYPE III         DAY         160.000         160.000           0450         643.0715         TRAFFIC CONTROL WARNING LIGHTS TYPE C         DAY         320.000         320.000           0460         643.0900         TRAFFIC CONTROL SIGNS         DAY         670.000         670.000           0470         643.1000         TRAFFIC CONTROL SIGNS FIXED MESSAGE         SF         96.000         96.000           0480         646.0106         PAVEMENT MARKING EPOXY 4-INCH         LF         51,540.000         51,540.000 <td>0370</td> <td>637.2210</td> <td>SIGNS TYPE IT REFLECTIVE F</td> <td>5F</td> <td>229.680</td> <td>229.680</td> <td></td>  | 0370    | 637.2210             | SIGNS TYPE IT REFLECTIVE F                             | 5F    | 229.680             | 229.680             |  |
| 0370         038.2002         REMOVING STORS TIPE IT         EACH         69.000         69.000           0400         638.3000         REMOVING SMALL SIGN SUPPORTS         EACH         64.000         64.000           0410         642.5001         FIELD OFFICE TYPE B         EACH         1.000         1.000           0420         643.0100         TRAFFIC CONTROL (PROJECT) 01. 5939-00-61         EACH         1.000         1.000           0440         643.0300         TRAFFIC CONTROL DRUMS         DAY         800.000         800.000           0440         643.0420         TRAFFIC CONTROL BARRICADES TYPE III         DAY         160.000         160.000           0450         643.0715         TRAFFIC CONTROL WARNING LIGHTS TYPE C         DAY         320.000         320.000           0460         643.0900         TRAFFIC CONTROL SIGNS         DAY         670.000         670.000           0470         643.1000         TRAFFIC CONTROL SIGNS FIXED MESSAGE         SF         96.000         96.000           0480         646.0106         PAVEMENT MARKING EPOXY 4-INCH         LF         51,540.000         51,540.000           0490         646.0406         PAVEMENT MARKING SAME DAY EPOXY 4-INCH         LF         42,180.000         42,180.000   | 0380    | 031.2230             | SIGNS IYPE II KEFLEUIIVE F                             |       | 242.250             | 242.250             |  |
| 0410         642.5001         FI ELD OFFICE TYPE B         EACH         1.000         1.000           0410         642.5001         FI ELD OFFICE TYPE B         EACH         1.000         1.000           0420         643.0100         TRAFFIC CONTROL (PROJECT) 01. 5939-00-61         EACH         1.000         1.000           0430         643.0300         TRAFFIC CONTROL DRUMS         DAY         800.000         800.000           0440         643.0420         TRAFFIC CONTROL BARRICADES TYPE III         DAY         160.000         160.000           0450         643.0715         TRAFFIC CONTROL WARNING LIGHTS TYPE C         DAY         320.000         320.000           0460         643.0900         TRAFFIC CONTROL SIGNS         DAY         670.000         670.000           0470         643.1000         TRAFFIC CONTROL SIGNS         DAY         670.000         670.000           0480         646.0106         PAVEMENT MARKING EPOXY 4-INCH         LF         51,540.000         51,540.000           0490         646.0406         PAVEMENT MARKING SAME DAY EPOXY 4-INCH         LF         42,180.000         42,180.000           0500         647.0566         PAVEMENT MARKING STOP LINE EPOXY 18-INCH         LF         22.000         22.000 <td>0390</td> <td>038.2002<br/>638.3000</td> <td>REMOVING STAND ITPE IT<br/>REMOVING SMALL SIGN SUDDODTS</td> <td></td> <td>67.000<br/>64.000</td> <td>64 000</td> <td></td>  | 0390    | 038.2002<br>638.3000 | REMOVING STAND ITPE IT<br>REMOVING SMALL SIGN SUDDODTS |       | 67.000<br>64.000    | 64 000              |  |
| 0410         642. 5001         FI ELD OFFICE TYPE B         EACH         1.000         1.000           0420         643. 0100         TRAFFIC CONTROL (PROJECT) 01. 5939-00-61         EACH         1.000         1.000           0430         643. 0300         TRAFFIC CONTROL DRUMS         DAY         800.000         800.000           0440         643. 0420         TRAFFIC CONTROL BARRICADES TYPE III         DAY         160.000         160.000           0450         643. 0715         TRAFFIC CONTROL WARNING LIGHTS TYPE C         DAY         320.000         320.000           0460         643. 0705         TRAFFIC CONTROL SIGNS         DAY         670.000         670.000           0470         643. 1000         TRAFFIC CONTROL SIGNS         DAY         670.000         670.000           0480         646. 0106         PAVEMENT MARKING EPOXY 4-INCH         LF         51, 540.000         51, 540.000           0490         646. 0406         PAVEMENT MARKING SAME DAY EPOXY 4-INCH         LF         42, 180.000         42, 180.000           0500         647. 0566         PAVEMENT MARKING STOP LINE EPOXY 18-INCH         LF         22.000         22.000   | 0400    | 036.3000             | REMOVENUS SWALE SEGN SUPPORTS                          | EACH  | 04.000              | 04.000              |  |
| 0420         643.0100         TRAFFIC CONTROL (PROJECT) 01. 5939-00-61         EACH         1.000         1.000           0430         643.0300         TRAFFIC CONTROL DRUMS         DAY         800.000         800.000           0440         643.0420         TRAFFIC CONTROL BARRICADES TYPE III         DAY         160.000         160.000           0450         643.0715         TRAFFIC CONTROL WARNING LIGHTS TYPE C         DAY         320.000         320.000           0460         643.0900         TRAFFIC CONTROL SIGNS         DAY         670.000         670.000           0470         643.1000         TRAFFIC CONTROL SIGNS         DAY         670.000         670.000           0480         646.0106         PAVEMENT MARKING EPOXY 4-INCH         LF         51,540.000         51,540.000           0490         646.0406         PAVEMENT MARKING SAME DAY EPOXY 4-INCH         LF         42,180.000         42,180.000           0500         647.0566         PAVEMENT MARKING STOP LINE EPOXY 18-INCH         LF         22.000         22.000   | 0410    | 642.5001             | FIELD OFFICE TYPE B                                    | EACH  | 1.000               | 1.000               |  |
| 0430         643.0300         TRAFFIC CONTROL DRUMS         DAY         800.000         800.000           0440         643.0420         TRAFFIC CONTROL BARRICADES TYPE III         DAY         160.000         160.000           0450         643.0715         TRAFFIC CONTROL WARNING LIGHTS TYPE C         DAY         320.000         320.000           0460         643.0715         TRAFFIC CONTROL SIGNS         DAY         670.000         670.000           0470         643.1000         TRAFFIC CONTROL SIGNS         DAY         670.000         670.000           0480         646.0106         PAVEMENT MARKING EPOXY 4-INCH         LF         51,540.000         51,540.000           0490         646.0406         PAVEMENT MARKING SAME DAY EPOXY 4-INCH         LF         42,180.000         42,180.000           0500         647.0566         PAVEMENT MARKING STOP LINE EPOXY 18-INCH         LF         22.000         22.000   | 0420    | 643.0100             | TRAFFIC CONTROL (PROJECT) 01. 5939-00-61               | EACH  | 1.000               | 1.000               |  |
| 0440         643.0420         TRAFFIC CONTROL BARRICADES TYPE III         DAY         160.000         160.000           0450         643.0715         TRAFFIC CONTROL WARNING LIGHTS TYPE C         DAY         320.000         320.000           0460         643.0900         TRAFFIC CONTROL SIGNS         DAY         670.000         670.000           0470         643.1000         TRAFFIC CONTROL SIGNS         DAY         670.000         96.000           0480         646.0106         PAVEMENT MARKING EPOXY 4-INCH         LF         51,540.000         51,540.000           0490         646.0406         PAVEMENT MARKING SAME DAY EPOXY 4-INCH         LF         42,180.000         42,180.000           0500         647.0566         PAVEMENT MARKING STOP LINE EPOXY 18-INCH         LF         22.000         22.000  | 0430    | 643.0300             | TRAFFIC CONTROL DRUMS                                  | DAY   | 800.000             | 800.000             |  |
| 0450         643.0715         TRAFFIC CONTROL WARNING LIGHTS TYPE C         DAY         320.000         320.000           0460         643.0900         TRAFFIC CONTROL SIGNS         DAY         670.000         670.000           0470         643.1000         TRAFFIC CONTROL SIGNS         DAY         670.000         96.000           0480         646.0106         PAVEMENT MARKING EPOXY 4-INCH         LF         51,540.000         51,540.000           0490         646.0406         PAVEMENT MARKING SAME DAY EPOXY 4-INCH         LF         42,180.000         42,180.000           0500         647.0566         PAVEMENT MARKING STOP LINE EPOXY 18-INCH         LF         22.000         22.000  | 0440    | 643.0420             | TRAFFIC CONTROL BARRICADES TYPE III                    | DAY   | 160.000             | 160.000             |  |
| 0460         643.0900         TRAFFIC CONTROL SIGNS         DAY         670.000         670.000           0470         643.1000         TRAFFIC CONTROL SIGNS FIXED MESSAGE         SF         96.000         96.000           0480         646.0106         PAVEMENT MARKING EPOXY 4-INCH         LF         51,540.000         51,540.000           0490         646.0406         PAVEMENT MARKING SAME DAY EPOXY 4-INCH         LF         42,180.000         42,180.000           0500         647.0566         PAVEMENT MARKING STOP LINE EPOXY 18-INCH         LF         22.000         22.000  | 0450    | 643.0715             | TRAFFIC CONTROL WARNING LIGHTS TYPE C                  | DAY   | 320.000             | 320.000             |  |
| 0470         643.1000         TRAFFIC CONTROL SIGNS FIXED MESSAGE         SF         96.000   | 0460    | 643,0900             | TRAFFIC CONTROL SIGNS                                  | DAY   | 670,000             | 670,000             |  |
| 0480         646. 0106         PAVEMENT         MARKI NG         EPOXY         4-I NCH         LF         51, 540. 000         51, 540. 000           0490         646. 0406         PAVEMENT         MARKI NG         SAME         DAY         EPOXY         4-I NCH         LF         42, 180. 000         42, 180. 000           0500         647. 0566         PAVEMENT         MARKI NG         STOP         LI NE         EPOXY         18-I NCH         LF         22. 000         22. 000   | 0470    | 643.1000             | TRAFFIC CONTROL SIGNS FIXED MESSAGE                    | SF    | 96.000              | 96.000              |  |
| 0490         646.0406         PAVEMENT         MARKING SAME         DAY         EPOXY         4-INCH         LF         42,180.000         42,180.000           0500         647.0566         PAVEMENT         MARKING STOP         LINE         EPOXY         18-INCH         LF         22.000         22.000  | 0480    | 646.0106             | PAVEMENT MARKING EPOXY 4-INCH                          | LF    | 51, 540. 000        | 51, 540. 000        |  |
| 0500 647.0566 PAVEMENT MARKING STOP LINE EPOXY 18-INCH LF 22.000 22.000  | 0490    | 646.0406             | PAVEMENT MARKING SAME DAY EPOXY 4-INCH                 | LF    | 42, 180. 000        | 42, 180. 000        |  |
|  | 0500    | 647.0566             | PAVEMENT MARKING STOP LINE EPOXY 18-INCH               | LF    | 22.000              | 22.000              |  |

| DATE 25 | MAR14     | I  | ЕЅТІМАТ | E O F Q U A N | ΤΙΤΙΕՏ       |
|---------|-----------|--|---------|---------------|--------------|
| LINE    |           |  |         |               | 5939-00-61   |
| NUMBER  | ITEM      | I TEM DESCRIPTION  | UNI T   | TOTAL         | QUANTI TY    |
| 0510    | 648.0100  | LOCATING NO-PASSING ZONES  | MI      | 4.879         | 4.879        |
| 0520    | 649.0100  | TEMPORARY PAVEMENT MARKING 4-INCH                                    | LF      | 2, 110. 000   | 2, 110. 000  |
| 0530    | 650. 8000 | CONSTRUCTION STAKING RESURFACING                                     | LF      | 25, 762. 000  | 25, 762. 000 |
|         |           | REFERENCE  |         |               |              |
| 0540    | 650. 9910 | CONSTRUCTION STAKING SUPPLEMENTAL<br>CONTROL (PROJECT) 01.5939-00-61 | LS      | 1.000         | 1.000        |
| 0550    | 690.0150  | SAWI NG ASPHALT  | LF      | 260.000       | 260.000      |
| 0560    | SPV. 0060 | SPECIAL 01. COVER PLATES LEFT IN PLACE                               | CE EACH | 2.000         | 2.000        |
| 0570    | SPV. 0060 | SPECIAL 02. LANDMARK REFERENCE<br>MONUMENTS SPECIAL                  | EACH    | 3.000         | 3.000        |

|   | ノヒヒチ | ARII | ٧G. | AND | GRU | JBBII | N |
|---|------|------|-----|-----|-----|-------|---|
| _ |      |      |     |     |     |       |   |

|         |   |  | 201.0105   | 201.0205   |
|---------|---|--|--|--|
|         |   |  | CLEARING   | GRUBBING   |
| STATION | TO  | STATION  | STA  | STA  |
|         |   |  |  |  |
| 123+00  |   | 127+00   | 4  | 4  |
| 133+00  |   | 138+00   | 5  | 5  |
| 153+00  |   | 159+00   | 6  | 6  |
| 160+00  |   | 170+00   | 10   | 10   |
| 233+00  |   | 245+00   | 12   | 12   |
|         |   | TOTAL  | 37   | 37   |
|         | STATION<br>123+00<br>133+00<br>153+00<br>160+00<br>233+00 | STATION         TO           123+00         133+00           153+00         160+00           233+00         233+00 | STATION         TO         STATION           123+00         127+00           133+00         138+00           153+00         159+00           160+00         170+00           233+00         245+00 | 201.0105           CLEARING           STATION         TO         STATION         STA           123+00         127+00         4           133+00         138+00         5           153+00         159+00         6           160+00         170+00         10           233+00         245+00         12 |

|    |                           |           | REMOVIN            | G GUAF | RDRAIL  |     |        |                |   |
|----|---------------------------|-----------|--------------------|--------|---------|-----|--------|----------------|---|
|    |                           |           |                    |        |         | 20  | 4.0165 | 614.0925       |   |
|    |                           |           |                    |        |         |     |        | SALVAGED       |   |
|    |                           |           |                    |        |         | REI | Moving | GUARDRAIL      |   |
|    |                           |           |                    |        |         | GUA | RDRAIL | END TREATMENTS |   |
|    | ROAD                      | WAY       | STATION            | то     | STATION |     | LF     | EACH           |   |
|    | CATEGO                    | RY0010    |                    |        |         |     |        |                |   |
|    | STH 8                     | 0 NB      | 273+35             |        | 274+90  |     | 50     | 2              |   |
|    | STH 8                     | 0 SB      | 273+35             |        | 274+90  |     | 50     | 2              |   |
|    |                           |           |                    |        | TOTAL   |     | 400    |                |   |
|    |                           |           |                    |        | TOTAL   |     | 100    | 4              |   |
|    |                           |           |                    |        |         |     |        |                |   |
|    |                           |           |                    |        |         |     |        |                |   |
|    |                           |           |                    |        |         |     |        |                |   |
|    |                           |           |                    |        |         |     |        |                |   |
|    |                           |           |                    |        |         |     |        |                |   |
|    |                           |           |                    |        |         |     |        |                |   |
|    |                           |           |                    |        |         |     |        |                |   |
|    |                           |           |                    |        |         |     |        |                |   |
|    |                           |           |                    |        |         |     |        |                |   |
|    |                           |           |                    |        |         |     |        |                |   |
|    |                           |           |                    |        |         |     |        |                |   |
| MS |                           |           |                    |        |         |     |        |                |   |
|    |                           |           |                    |        |         |     |        |                |   |
|    | 490.0205                  |           |                    |        |         |     |        |                |   |
|    | SALVAGED                  |           |                    |        |         |     |        |                |   |
|    | ASPHALTIC                 |           |                    |        |         |     |        |                |   |
|    | PAVEMENT                  |           |                    |        |         |     |        |                |   |
| 5  | MILLING                   |           |                    |        |         |     |        |                |   |
|    | TON                       |           | COMMENTS           |        |         |     |        |                |   |
|    |                           |           |                    |        |         |     |        |                |   |
|    | <del>26</del> 19          |           | BUTT JOINT         |        |         |     |        |                |   |
|    | <del>26 1</del> 9         | BUT       | T JOINT AT STH 133 | 3      |         |     |        |                |   |
|    | <del>26-</del> 19         | BUTT JOIN | IT AT STH 133 ON C | URVE   |         |     |        |                |   |
|    | <del>26</del> 19          |           | BUTT JOINT         |        |         |     |        |                |   |
|    | <del>-94</del> 71         | STF       | RUCTURE MILLING    |        |         |     |        |                |   |
|    | <del>-26</del> 19         |           | BUTT JOINT         |        |         |     |        |                |   |
|    |                           |           |                    | _      |         |     |        |                |   |
|    | <del>12</del> 9           | SIDE      | ROAD BUTT JOINT    |        |         |     |        |                |   |
|    | <del>-30</del> 22         | SIDE      | ROAD BUTT JOINT    | _      |         |     |        |                |   |
|    | 10-7                      | SIDE      |                    | _      |         |     |        |                |   |
|    | <del>15</del> -11         | SIDE      | ROAD BUTT JOINT    | _      |         |     |        |                |   |
|    | <del>14</del> 11          | SIDE      | E ROAD BUTT JOINT  |        |         |     |        |                |   |
|    | <b>A</b> 940 <b>004 4</b> |           |                    | FOTIO  | <u></u> |     |        |                |   |
|    | 2013-2014                 | SPUT REPA |                    |        | N       |     |        |                |   |
|    | 2440 2040                 |           |                    |        |         |     |        |                |   |
|    | - <del>3118</del> 3040    |           |                    |        |         |     |        |                |   |
|    |                           |           |                    |        |         |     | _      |                |   |
|    |                           |           | LANEOUS QUA        | ANTIT  | IES     |     | SHEE   | T              | E |
|    |                           |           |                    |        |         |     |        |                |   |

|   | <b>CLEARING AND GRUBBING</b>  |   |  |   |  | REMOVING GUARI  | DRAIL  |   |  |
|---|---|---|--|---|--|---|--|---|--|
| ROADWAY<br>CATEGORY 0010<br>STH 80 NB<br>STH 80 NB<br>STH 80 SB<br>STH 80 SB<br>STH 80 SB | CLEARING AND GROBBING         201.0105           201.0105         CLEARING           STATION         TO         STATION         STA           123+00         127+00         4           133+00         138+00         5           153+00         159+00         6           160+00         170+00         10           233+00         245+00         12 | 201.0205<br>GRUBBING<br>STA<br>4<br>5<br>6<br>10<br>12<br><b>37</b> | G<br>  |   | ROAI<br>CATEGC<br>STH 8<br>STH 8   | REMOVING GUARI           DWAY         STATION         TO         S           DRY 0010         30 NB         273+35         S           30 SB         273+35         S | STATION       274+90       274+90       274+90       TOTAL | 204.0165<br>REMOVING<br>GUARDRAIL<br>LF<br>50<br>50<br>50 | 614.0925<br>SALVAGED<br>GUARDRAIL<br>END TREATMENTS<br>EACH<br>2<br>2<br>2 |
|   |   |   |  |   |  |   |  |   |  |
|   |   |   | REMOVING   | <u>G PAVEMENT ITEMS</u>                                     |  |   |  |   |  |
|   | ΒΟΔΟΨΔΥ   | STATION TO  | STATION  | 204.0115<br>REMOVING<br>ASPHALTIC<br>SURFACE<br>BUTT JOINTS | 490.0205<br>SALVAGED<br>ASPHALTIC<br>PAVEMENT<br>MILLING<br>TON  | COMMENTS  |  |   |  |
|   | CATEGORY 0010   | STATION TO  | STATION  |   | TON  | CONNILIAIS  | _  |   |  |
|   | STH 80 BEGIN PROJET<br>STH 80 END PROJECT<br>STH 80 END RESURFACING<br>SOUTH OF STRUCTURE B-25-176<br>STH 80 OVER STRUCTURE B-25-176<br>NORTH OF STRUCTURE B-25-176   | 101+38<br>358+13<br>358+13<br>271+63<br>272+50<br>275+73            | 102+26<br>359+00<br>359+00<br>272+50<br>275+73<br>276+61 | 215<br>215<br>215<br>215<br>215<br>-<br>215                 | <del>26</del> 19<br><del>26</del> 19<br><del>26</del> 19<br><del>26</del> 19<br><del>94</del> 71<br><del>26</del> 19 | BUTT JOINT<br>BUTT JOINT AT STH 133<br>BUTT JOINT AT STH 133 ON CURVE<br>BUTT JOINT<br>STRUCTURE MILLING<br>BUTT JOINT  |  |   |  |
|   | AIDE ROAD<br>BOOTH HALLOW ROAD<br>DRY DOG ROAD<br>OLD WISCONSIN 80<br>D STREET  | -<br>-<br>-<br>-  | -<br>-<br>-<br>-   | 100<br>245<br>75<br>125<br>115                              | <del>12</del> 9<br><del>30</del> 22<br><del>10~</del> 7<br><del>15</del> 11<br><del>14</del> 11                      | SIDE ROAD BUTT JOINT<br>SIDE ROAD BUTT JOINT<br>SIDE ROAD BUTT JOINT<br>SIDE ROAD BUTT JOINT<br>SIDE ROAD BUTT JOINT  | _  |   |  |
|   | UNDISTRIBUTED   | -   | -  | -   | <del>2813</del> 2814   | SPOT REPAIR & CROWN CORRECTION  | -  |   |  |
|   |   |   | TOTAL  | 1735  | <del>-3118</del> 3040  |   | -  |   |  |
| PROJECT NO: 5939-00-61  | HWY: STH 80   | Ι   | COUNTY   | : IOWA  |  | MISCELLANEOUS QUANTITI  | ES   | SHEE  | т  |
| FILE NAME : PLOT DATE :   | PLOT BY :   | PLOT NAME   | E:   | ORG DA  | .TE :  | ORIGINATOR : DIST _   | PLOT S   | SCALE : 1:1   |  |

| ROADIMAY         | STATION          | то         |         | 305.0110<br>BASE<br>AGGREGATE<br>DENSE<br>3/4-INCH<br>TON | 305.0120<br>BASE<br>AGGREGATE<br>DENSE<br>1 1/4-INCH<br>TON | 305.0500<br>SHAPING<br>SHOULDERS | COMMENTS                |
|------------------|------------------|------------|---------|---|---|----------------------------------|-------------------------|
| CATEGORY 0010    | STATION          | 10         | STATION | TON   | TON   | 514                              | COMMENTS                |
| STH 80 NB        | 101+38           |            | 359+00  | 490   | -   | 258                              | NORTHBOUND SHOUDLER     |
| STH 80 SB        | 101+38           |            | 359+00  | 570   | -   | 258                              | SOUTHBOUND SHOULDER     |
| HICKORY GROVE RD |                  |            |         | 9   | -   | -                                | HICKORY GROVE ROAD MATC |
| FIELD ENTRANCE   | 113+50           | LT         |         | 4   | -   | -                                |                         |
| DRIVEWAY         | 113+50           | RT         |         | 4   | -   | -                                |                         |
| FIELD ENTRANCE   | 140+00           | LT         |         | 4   | -   | -                                |                         |
| DRIVEWAY         | 146+50           | LT         |         | 5   | -   | -                                |                         |
| FIELD ENTRANCE   | 157+50           | LT         |         | 4   | -   | -                                |                         |
| DRIVEWAY         | 160+70           | RT         |         | 5   | -   | -                                |                         |
| FIELD ENTRANCE   | 170+10           | RT         |         | 4   | -   | -                                |                         |
| FIELD ENTRANCE   | 170+50           | IТ         |         | 4   | -   | -                                |                         |
| FIELD ENTRANCE   | 175+10           | ΙT         |         | 4   | -   | -                                |                         |
| FIELD ENTRANCE   | 175+10           | RT         |         | 4   | -   | -                                |                         |
| FIELD ENTRANCE   | 184+90           | RT         |         | 4   | -   | -                                |                         |
| FIELD ENTRANCE   | 209+10           | RT         |         | 4   | -   | -                                |                         |
| FIELD ENTRANCE   | 210+10           | RT         |         | 4   | -   | -                                |                         |
| DRIVEWAY         | 210+05           | IT         |         | 5   | -   | -                                |                         |
|                  | 216+00           | <u>г</u> . |         | 4   | -   | -                                |                         |
|                  | 221+00           | RT         |         | 4   | -   | -                                |                         |
|                  | 226+00           | IT         |         | 4   | -   | -                                |                         |
| DRIVEWAY         | 250+15           | <u>г</u>   |         | 5   | -   | -                                |                         |
|                  | 259+50           | RT         |         | 4   | -   | -                                |                         |
|                  | 260+25           | IT         |         | 5   | -   | -                                |                         |
|                  | 271+80           | RT         |         | 4   | -   | -                                |                         |
|                  | 282+60           | RT         |         | 5   | -   | _                                |                         |
|                  | 282+60           |            |         | <u>л</u>  | -   | _                                |                         |
|                  | 202+00           |            |         | 4   |   |                                  |                         |
|                  | 282+00           | DT         |         | 4   | _   | _                                |                         |
|                  | 203+00           |            |         | 4   |   |                                  |                         |
|                  | 234773<br>205±20 | LI<br>RT   |         | 5<br>1  | -   | -                                |                         |
|                  | 200+20<br>200+20 | PT         |         | <del>ч</del><br>Л   | -   | -                                |                         |
|                  | 30/+00           |            |         | +<br>5  | -   | -                                |                         |
|                  | 305±00           |            |         | 5   | -   | -                                |                         |
|                  | 320+00           |            |         | Л   | -   | -                                |                         |
|                  | 336±00           |            |         | 4   | -   | -                                |                         |
|                  | 337+00           | L1<br>RT   |         | +<br>5  | -   | -                                |                         |
|                  | 348±20           |            |         | 1   | -   | -                                |                         |
|                  | 070720           | <u> </u>   |         | -   | _   | _                                |                         |
| UNDISTRIBUTED    |                  |            |         | 60  | 200   | -                                |                         |
|                  |                  |            | TOTAL   | 1275  | 200   | 516                              |                         |
|                  |                  |            |         |   |   |                                  |                         |

|               | 213 0100     |
|---------------|--------------|
|               | FINISHING    |
|               | ROADWAY      |
|               | (5939-00-61) |
| ROADWAY       | EACH         |
| CATEGORY 0010 |              |
| STH 80        | 1            |
| TOTAL         | 1            |
|               |              |
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| PROJECT NO: 5939-00-6 | 1           | HWY: STH 80 |          | COUNTY: IOWA |            | MISCELLANEOUS QU    |
|-----------------------|-------------|-------------|----------|--------------|------------|---------------------|
| FILE NAME :           | PLOT DATE : | PLOT BY :   | PLOT NAM | 1E :         | ORG DATE : | ORIGINATOR : DIST _ |

| VI         211.0100         211.0400         455.0105         455.0605         460.1100         HMA         SPV.0100           PREPARE FOUNDATION         PREPARE FOUNDATION         PREPARE FOUNDATION         PREPARE FOUNDATION         ASPHALTIC         TACK COAT         HMA         HMA.THII           PANG (6939-00-61)         STATION         LS         STA         TON         GAL         TON         COMMENTS         TO           CATEGORY0010         STATION         LS         STA         TON         GAL         TON         COMMENTS         TO           STH 80         101+38         359+00         1         -                            |                  |         |    |         |  |   | <u>5</u>                                     |                       |   |  |   |
|--|------------------|---------|----|---------|--|---|--|-----------------------|---|--|---|
| ROADWAY         STATION         LS         STA         TON         GAL         TON         COMMENTS         TO           CATEGORY0010         -  |                  |         |    |         | 211.0100<br>PREPARE FOUNDATIO<br>FOR ASPHALTIC<br>PAVING (5939-00-61 | 211.0400<br>DN PREPARE FOUNDATION<br>FOR ASPHALTIC<br>) SHOULDERS | 455.0105<br>ASPHALTIC<br>MATERIAL<br>PG58-28 | 455.0605<br>TACK COAT | 460.1100<br>HMA<br>PAVEMENT<br>TYPE E-0.3 |  | SPV.0195.01<br>HMA, THIN LAYE<br>OVERLAY, E-0.3 |
| CATEGORY 0010         STH 80         101+38         359+00         1         -   | ROADWAY S        | STATION | ТО | STATION | LS   | STA   | TON  | GAL                   | TON                                       | COMMENTS   | TON   |
| STH 80       101+38       359+00       1       -       390       1580       7060       NORTHBOUND & SOUTHBOUND       53         STH 80 SHOULDERS       113+00       160+00       -       47       143       63-       240       ADDITIONAL SHOULDER WIDENING       18         STH 80 SHOULDERS       233+00       245+00       -       12       3       14       60-       ADDITIONAL SHOULDER WIDENING       18         ADE ROAD       -       12       3       14       60-       ADDITIONAL SHOULDER WIDENING       45         ADDE ROAD       -       -       1       3-       11-       11         BOOTH HALLOW ROAD       -       -       -       7       28-       28         DRY DOG ROAD       -       -       1       3       9       9       9         OLD WISCONSIN 80       -       -       1       4-       14       13       13       13       13         DRIVEWAY       102+00       LT       -       -       4-       +       5       5       5       5         DRIVEWAY       102+00       LT       -       -       1       5       5       5       5       5 <td>CATEGORY 0010</td> <td></td> | CATEGORY 0010    |         |    |         |  |   |  |                       |   |  |   |
| STH 80 SHOULDERS       113+00       160+00       -       47       43       53-       240-       ADDITIONAL SHOULDER WIDENING       18         STH 80 SHOULDERS       233+00       245+00       -       12       3       14-       60-       ADDITIONAL SHOULDER WIDENING       45         AIDE ROAD       -       -       12       3       14-       60-       ADDITIONAL SHOULDER WIDENING       45         BOOTH HALLOW ROAD       -       -       +       3-       11-       11         BOOTH HALLOW ROAD       -       -       +       3-       9+       28-       28-       28-       28-       9       9       9       0LD WISCONSIN 80       9       9       14-       14-       14-       14-       14       14       14       14       14       14       14       14       14       14       14       14       13       13       13       13       13       13       13       13       13       13       13       13       13       13       14       14       14       14       14       14       14       14       14       14       14       14       14       14       14       14       14<  | STH 80           | 101+38  |    | 359+00  | 1  | -   | <del>-390</del>                              | 1580                  | 7060                                      | NORTHBOUND & SOUTHBOUND                          | 5300  |
| STH 80 SHOULDERS       233+00       245+00       -       12       3       14       60-       ADDITIONAL SHOULDER WIDENING       45         AIDE ROAD       -       -       -       +       3-       11-       11         BOOTH HALLOW ROAD       -       -       +       3-       11-       11       11         BOOTH HALLOW ROAD       -       -       +       3-       11-       11       12       3       14-       60-       ADDITIONAL SHOULDER WIDENING       45         DRY DOG ROAD       -       -       +       3-       11-       11       12       3       14-       14-       14       14       14       14       14       14       14       14       14       14       14       13       13       13       13       13       13       13       13       13       13       13       13       13       13       13       14       14       15       15       13       13       13       13       14       14       14       14       14       14       14       14       14       14       14       14       15       15       16       14       14       14   | STH 80 SHOULDERS | 113+00  |    | 160+00  |  | 47  | <del>13</del>                                | <del>53</del>         | 240                                       | ADDITIONAL SHOULDER WIDENIN                      | NG <u>180</u>                                   |
| AIDE ROAD       -       -       +       -       +       +       +       +       +       +       11         BOOTH HALLOW ROAD       -       -       2       -       28       28       28       28       9         DRY DOG ROAD       -       +       3       -       -       14       37       -       9         OLD WISCONSIN 80       -       -       +       4       14       14       14       14       14       14       13       14       14       14       14       14       14       14       14       14       14       14       15       14       14       15       15       16       16       16       16       16       16       16       16       16       16       16       16       16  | STH 80 SHOULDERS | 233+00  |    | 245+00  | \ - /  | 12  | उ  | <del>-14-</del>       | <del>60-</del>                            | ADDITIONAL SHOULDER WIDENIN                      | NG 45   |
| OOTH HALLOW ROAD       -       -       2       7       28       28         DRY DOG ROAD       -       +       3       9       9         OLD WISCONSIN 80       -       +       4+       14+       14         D STREET       -       -       +       4+       14+       14         D STREET       -       -       +       +       5       13         DRIVEWAY       102+00       LT       -       -       +       +       5         DRIVEWAY       173+10       LT       -       -       +       +       5         DRIVEWAY       271+10       LT       -       -       +       +       5         UNDISTRIBUTED       -       1       50-60       160       -990-1060       CORRECTIONS, & SCRATCH COAT       -   | AIDE ROAD        |         |    |         | ····· \ -  | -   | -1   | 3                     | <del>11</del>                             |  | 11  |
| DRY DOG ROAD       -       +       3       9       9         OLD WISCONSIN 80       -       +       4       14       14         D STREET       -       +       +       14       14         D RIVEWAY       102+00       LT       -       -       +       +       5         DRIVEWAY       173+10       LT       -       -       +       +       5         DRIVEWAY       173+10       LT       -       -       +       +       5         DRIVEWAY       271+10       LT       -       -       +       +       5         UNDISTRIBUTED       -       -       1       50 60       160       -890-1060       CORRECTIONS, & SCRATCH COAT       -  | OOTH HALLOW ROAD |         |    |         | \-   | -   | <del>2</del>                                 | 7                     | -28-                                      |  | 28  |
| OLD WISCONSIN 80<br>D STREET       -       1       4       14       14       14       14       14       13         DRIVEWAY       102+00       LT       -       -       +       +       5       5         DRIVEWAY       173+10       LT       -       -       1       +       5       5         DRIVEWAY       271+10       LT       -       -       1       +       5       5         UNDISTRIBUTED       -       -       1       50 60       160       -       -       -       -       -       -         UNDISTRIBUTED       -       1       1       50 60       160       -       5       5       5       5       5       5       -  | DRY DOG ROAD     |         |    |         | \-/  | -   | <del>1</del>                                 | 3                     | -9-                                       |  | 9   |
| D STREET       -       +       -3       +13       13         DRIVEWAY       102+00       LT       -       -       ++       +       5         DRIVEWAY       173+10       LT       -       -       -       +       +       5         DRIVEWAY       173+10       LT       -       -       -       +       +       5         DRIVEWAY       271+10       LT       -       -       -       +       +       5         UNDISTRIBUTED       -       -       1       50 60       160       -       -       -       -  | OLD WISCONSIN 80 |         |    |         | ¥  | -   | 1  | 4                     | <del>14</del>                             |  | 14  |
| DRIVEWAY       102+00       LT       -       +       +       5       5         DRIVEWAY       173+10       LT       -       -       1       +       5       5         DRIVEWAY       271+10       LT       -       -       1       +       5       5         UNDISTRIBUTED       -       -       1       -       50       60       160       -       5 <td< td=""><td>D STREET</td><td></td><td></td><td></td><td>X</td><td>-</td><td>1</td><td>-3-</td><td><del>13</del></td><td></td><td>13</td></td<>   | D STREET         |         |    |         | X  | -   | 1  | -3-                   | <del>13</del>                             |  | 13  |
| DRIVEWAY173+10LT1+55DRIVEWAY271+10LT1+55UNDISTRIBUTED150 6016055   | DRIVEWAY         | 102+00  | LT |         |  | -   | +  | -+                    | 5   |  | 5   |
| DRIVEWAY     271+10     LT     -     +     +     +     -     5       UNDISTRIBUTED     -     -     1     -     -     160     -     -     -     5   | DRIVEWAY         | 173+10  | LT |         | - \  | -   | 1  | 4-                    | 5   |  | 5   |
| UNDISTRIBUTED - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -  | DRIVEWAY         | 271+10  | LT |         | - \  | -   | <del>1</del>                                 | 4-                    | 5   |  | 5   |
|  | UNDISTRIBUTED    |         |    |         |  | 1   | - <del>50</del> 60                           | 160                   | <del>-890-</del> 1060                     | SPOT REPAIR, CROWN<br>CORRECTIONS, & SCRATCH COA | <br>AT _  |
|  |                  |         |    |         |  | 60  | -46560                                       | 1920-160              | - <del>8340</del> 1060                    |  |   |
|  |                  |         |    | IUIAL   |  | 00  | 40300  | 1030 100              | 0340 1000                                 |  | 0100  |

| PROJECT NO: 5939-00-6 | 1           | HWY: STH 80 |          | COUNTY: IOWA |            | MISCELLANEOUS QUA   |
|-----------------------|-------------|-------------|----------|--------------|------------|---------------------|
| FILE NAME :           | PLOT DATE : | PLOT BY :   | PLOT NAM | E:           | ORG DATE : | ORIGINATOR : DIST _ |

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## ROADWAY BARRIER ITEMS

|               |         |    |         | TOTAL    | 8                          | 158      |             | 2837.5 |               | 8        |
|---------------|---------|----|---------|----------|----------------------------|----------|-------------|--------|---------------|----------|
|               | 272+83  |    | 276+18  | LI       | 2                          | 79       | 2           | 125    | 10            | 2        |
|               | 272+21  |    | 275+31  | RT       | 2                          | 79<br>70 | 2           | 112.5  | 9             | 2        |
|               | 128+10  |    | 136+39  | RT       | 2                          | -        | -           | 725    | 58            | 2        |
| STH 80        | 118+10  |    | 137+90  | LT       | 2                          | -        | -           | 1875   | 150           | 2        |
| CATEGORY 0010 |         |    |         |          |                            |          |             |        |               |          |
| ROADWAY       | STATION | то | STATION | LOCATION | EACH                       | LF       | TRANSITIONS | LF     | PANELS        | EACH     |
|               |         |    |         |          |                            |          | # OF        |        | NO OF         | 2/11     |
|               |         |    |         |          | FINISHING                  | TF       |             | 00/11  |               | FAT      |
|               |         |    |         |          | GRADING SHAPING            | IV       | BEAM        | GUAR   | DRAIL 3       | TERMINAL |
|               |         |    |         |          | 614.0010<br>RADDIED SVSTEM | N/       | 614.2500    | 614    | 1.2300<br>1GS |          |
|               |         |    |         |          |                            |          |             |        |               |          |

## BARRIER SYSTEM GRADING SHAPING FINISHING

|               |         | EXCAVATION<br>COMMON* | BORROW* | TOPSOIL* | FERTILIZER<br>TYPE B* | SEEDING<br>MIXTURE<br>NO. 20 * | MULCHIN |
|---------------|---------|-----------------------|---------|----------|-----------------------|--------------------------------|---------|
| ROADWAY       | STATION | CY                    | CY      | SY       | CWT                   | LB                             | SY      |
| CATEGORY 0010 |         |                       |         |          |                       |                                |         |
| STH 80        | 118+10  | -                     | 16      | 33       | 0.05                  | 1.3                            | 33      |
|               | 128+10  | -                     | 15      | 33       | 0.04                  | 1.2                            | 33      |
|               | 135+86  | -                     | 15      | 33       | 0.04                  | 1.2                            | 33      |
|               | 137+37  | -                     | 16      | 33       | 0.05                  | 1.3                            | 33      |
|               | 272+21  | -                     | 12      | 33       | 0.03                  | 1                              | 33      |
|               | 272+83  | -                     | 12      | 33       | 0.03                  | 1                              | 33      |
|               | 274+78  | -                     | 12      | 33       | 0.03                  | 1                              | 33      |
|               | 275+65  | -                     | 12      | 33       | 0.03                  | 1                              | 33      |
|               | TOTAL   | -                     | 110     | 264      | 0.3                   | 9                              | 264     |

\* ITEMS AND QUANTITIES LISTED FOR BID INFORMATION ONLY

| PROJECT NO: 5939-00-6 | 51          | HWY: STH 80 |          | COUNTY: IOWA |            | MISCELLANEOUS QUA   |
|-----------------------|-------------|-------------|----------|--------------|------------|---------------------|
| FILE NAME :           | PLOT DATE : | PLOT BY :   | PLOT NAM | ЛЕ:          | ORG DATE : | ORIGINATOR : DIST _ |

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RAIL

ANTITIES

SHEET

# **RESTORATION ITEMS**

|               |         |    |         | 625.0100 | 627.0200 | 629.0210   | 630.0120 |
|---------------|---------|----|---------|----------|----------|------------|----------|
|               |         |    |         | TOPSOIL  | MULCHING | FERTILIZER | SEEDING  |
|               |         |    |         |          |          | TYPE B     | MIXTURE  |
|               |         |    |         |          |          |            | NO. 20   |
| ROADWAY       | STATION | то | STATION | SY       | SY       | CWT        | LBS      |
| CATEGORY 0010 |         |    |         |          |          |            |          |
| STH 80 NB     | 123+00  |    | 127+00  | 450      | 450      | 0.28       | 1.2      |
| STH 80 NB     | 133+00  |    | 138+00  | 560      | 560      | 0.35       | 1.5      |
| STH 80 NB     | 153+00  |    | 159+00  | 670      | 670      | 0.42       | 1.8      |
| STH 80 SB     | 160+00  |    | 170+00  | 1120     | 1120     | 0.7        | 3        |
| STH 80 SB     | 233+00  |    | 245+00  | 1340     | 1340     | 0.84       | 3.6      |
|               |         |    |         |          |          |            |          |
|               |         |    |         |          |          |            |          |
|               |         |    | TOTAL   | 4140     | 4140     | 2.59       | 11.1     |
|               |         |    |         |          |          |            |          |

|             |                |               |                  |                      |                         |                       |            |               | EROSION CONTROL N | <b>IOBILIZATIONS</b>     |                            |
|-------------|----------------|---------------|------------------|----------------------|-------------------------|-----------------------|------------|---------------|-------------------|--------------------------|----------------------------|
|             |                |               | EROSIC           | ON CONTROL ITEMS     |                         |                       |            |               |                   | 628.1905                 | 628.1910                   |
|             |                |               | 628.1504<br>SILT | 628.1520<br>SILT     | 628.2023<br>EROSION MAT | 628.7504<br>TEMPORARY |            |               |                   | MOBILIZATIONS<br>EROSION | MOBILIZATIONS<br>EMERGENCY |
|             |                |               | FENCE            | FENCE<br>MAINTENANCE | CLASS II<br>TYPE B      | DITCH<br>CHECKS       |            |               |                   | CONTROL                  | EROSION<br>CONTROL         |
|             | ROADWAY        | LOCATION      | LF               | LF                   | SY                      | LF                    | _          | ROADWAY       | LOCATION          | EACH                     | EACH                       |
|             | CATEGORY 0010  |               |                  |                      |                         |                       | _          | CATEGORY 0010 |                   |                          |                            |
|             | STH 80         | UNDISTRIBUTED | 750              | 1500                 | 40                      | 100                   |            | STH 80        | UNDISTRIBUTED     | 2                        | 2                          |
|             |                | TOTAL         | 750              | 1500                 | 40                      | 100                   | -          |               | TOTAL             | 2                        | 2                          |
|             |                |               |                  |                      |                         |                       |            |               |                   |                          |                            |
|             |                |               |                  |                      |                         |                       |            |               |                   |                          |                            |
| PROJECT     | NO: 5939-00-61 |               |                  | HWY: STH 80          |                         | COUNTY: IOWA          |            | MISCELLAN     |                   | IES                      | SHEET                      |
| FILE NAME : |                | PLOT DATE :   | Р                | LOT BY :             | PLOT NA                 | ME :                  | ORG DATE : | ORIGINA       | TOR : DIST _      | PLOT SCALE : 1           | :1                         |

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| State         provide         Conv         State         Provide         Provi   |                      |         |          |         |                         |               |              | PERMAN             | 637.2210<br>SIGNS | 637.2230<br>SIGNS<br>TYPE II | 634.0614 | 634.0616  | 634.0618 | 638.2602<br>REMOVING | 638.3000<br>REMOVING<br>G SMALL |         |                       |
|--|----------------------|---------|----------|---------|-------------------------|---------------|--------------|--------------------|-------------------|------------------------------|----------|-----------|----------|----------------------|---------------------------------|---------|-----------------------|
| BASH         SPANDA         COCIDEN UNCS         SEX RELECTIVE H         F         HIT         HIT </th <th></th> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th> <th>SIGN</th> <th>TYPE II</th> <th>REFLECTIVE</th> <th>POSTS</th> <th>S WOOD 4X</th> <th>6 INCH</th> <th>SIGNS</th> <th>SIGN</th> <th>SIGN</th> <th></th>  |                      |         |          |         |                         |               |              | SIGN               | TYPE II           | REFLECTIVE                   | POSTS    | S WOOD 4X | 6 INCH   | SIGNS                | SIGN                            | SIGN    |                       |
| Number         Start Mark         Open         Dubber         Start Mark         Open         Dubber         Dubber <thduber< th=""> <thduber< th="">         Dubber&lt;</thduber<></thduber<>   | SIGN                 | APPROX. |          | SIGN    |                         |               |              | SIZE               | REFLECTIVE H      | ł F                          | 14 FT    | 16 FT     | 18 FT    | TYPE II              | SUPPORTS                        | MOUNTED | )                     |
| 10       10 <th< td=""><td>NUMBER</td><td>STATION</td><td>POSITION</td><td>CODE</td><td>SIGN DESCRIPTIO</td><td>N</td><td>ORDER LINES</td><td>IN X IN</td><td>SF</td><td>SF</td><td>EACH</td><td>EACH</td><td>EACH</td><td>EACH</td><td>EACH</td><td>ON SAME</td><td>REMARKS</td></th<>  | NUMBER               | STATION | POSITION | CODE    | SIGN DESCRIPTIO         | N             | ORDER LINES  | IN X IN            | SF                | SF                           | EACH     | EACH      | EACH     | EACH                 | EACH                            | ON SAME | REMARKS               |
| 1448     1440     Left     J.1     Juncken Assembly     DOT     24 329     -     -     -     -     -     -     1     1       1508     164-00     Left     W14     Left Norme     30 330     -     -     -     -     -     1     1        1608     164-00     Left     W14     Left Norme     30 330     -     -     -     -     -     1     1       1638     164-00     Key     W15     Left Norme     30 330     -     1     1     2588       2008     111-45     Key     W14     Left Norma     50 330     -     6.35     -     -     -     -     1     -     -     -     203       2008     111-45     Key     W14     Left Norma   | 1-01                 | 104+00  | Left     | J1-1    | Junction Assembly       |               | JCT          | 24 x 39            | 6.50              |                              | 1        |           |          |                      |                                 |         |                       |
| 1088         Luti Wild         Luti Reference Doce         10.430              1         1           2018         01640         Kogit         W22         Side Kodd Disgues, Kipit         30.30  1         1            1         1   | 1-02R                | 104+00  | Left     | J1-1    | Junction Assembly       |               | JCT<br>P     | 24 x 39            |                   |                              |          |           |          | 1                    | 1                               |         |                       |
| 2018       019-b50       Royhe       W1-2       Dip       30.3.0          -       1  | 1-03R                | 104+80  | Left     | W1-4L   | Left Reverse Curve      |               | •            | 30 x 30            |                   |                              |          |           |          | 1                    | 1                               |         |                       |
| 242       100-50       Right       102       301-30       -       623       -       1       -       -       -         231       11-36       Right       W13-1       Speed Antory Prayue       30       242.22       -       400       - <t< td=""><td>2-01R</td><td>108+50</td><td>Right</td><td>W8-2</td><td>Dip</td><td></td><td></td><td>30 x 30</td><td></td><td></td><td></td><td></td><td></td><td>1</td><td>1</td><td></td><td></td></t<>   | 2-01R                | 108+50  | Right    | W8-2    | Dip                     |               |              | 30 x 30            |                   |                              |          |           |          | 1                    | 1                               |         |                       |
| 243       111400       Nohl       Nink  | 2-02                 | 109+00  | Right    | W2-2    | Side Road 90 Degrees,   | , Right       |              | 30 x 30            |                   | 6.25                         |          | 1         |          |                      |                                 |         |                       |
| 2041     111+50     Right     W11-51     Seed Advacry Hague     50     24.24   <   | 2-03                 | 111+50  | Right    | W1-5L   | Left Winding Road       | -             |              | 36 x 36            |                   | 9.00                         |          |           | 1        |                      |                                 |         |                       |
| 2038         111+50         Night         W1-1L         Left Num         38.36                 1          2.078           2007         H1150         Left         W1-1         Left         M100         30.30             1         1          2.078           2007         H1150         Left         W12.1         Left         M100         30.30              2.078           2100         H1155         Left         W13.1         Seed Addatory/Barge         50         16.18  | 2-04                 | 111+50  | Right    | W13-1   | Speed Advisory Plaque   |               | 30           | 24 x 24            |                   | 4.00                         |          |           |          |                      |                                 | 2-03    |                       |
| 2088     111460     Right     N13-5     Seed Adveroy Plaque     30     24.224         1      2078       2087     111460     Left     W13-1     Seed Adveroy Plaque     30     24.224           2078       2087     111460     Left     W13-1     Seed Adveroy Plaque     50     104.918            2078       2118     Life K     Right     W13-1     Seed Adveroy Plaque     50     104.918           200       2118     Life K     Right     W13-1     Seed Adveroy Plaque     50     104.918         1     1     -     Advero Adver  | 2-05R                | 111+50  | Right    | W1-1L   | Left Turn               |               |              | 36 x 36            |                   |                              |          |           |          | 1                    | 1                               |         |                       |
| 2077       111+60       Left 111-00       28138  | 2-06R                | 111+50  | Right    | W13-1   | Speed Advisory Plaque   |               | 30           | 24 x 24            |                   |                              |          |           |          | 1                    |                                 | 2-05R   |                       |
| 2.088         111+60         Left         W13-4         Seed MakeoryPlanue         30         24.24         ···<   | 2-07R                | 111+50  | Left     | W1-1L   | Left Turn               |               |              | 36 x 36            |                   |                              |          |           |          | 1                    | 1                               |         |                       |
| 209       111+65       Left       W1-2L       Left Votar       90.9  | 2-08R                | 111+50  | Left     | W13-1   | Speed Advisory Plaque   |               | 30           | 24 x 24            |                   |                              |          |           |          | 1                    |                                 | 2-07R   |                       |
| 2-10       111+65       kett       W13.1       Speed Addeory Planya       50       18 14 if 6       2,2 <td>2-09</td> <td>111+55</td> <td>Left</td> <td>W1-2L</td> <td>Left Curve</td> <td></td> <td></td> <td>30 x 30</td> <td></td> <td>6.25</td> <td></td> <td>1</td> <td></td> <td></td> <td></td> <td></td> <td></td>   | 2-09                 | 111+55  | Left     | W1-2L   | Left Curve              |               |              | 30 x 30            |                   | 6.25                         |          | 1         |          |                      |                                 |         |                       |
| 2-118       Hight       W154.       Left Winding Road       38.83 <t< td=""><td>2-10</td><td>111+55</td><td>Left</td><td>W13-1</td><td>Speed Advisory Plaque</td><td></td><td>50</td><td>18 x 18</td><td></td><td>2.25</td><td></td><td></td><td></td><td></td><td></td><td>2-09</td><td></td></t<>  | 2-10                 | 111+55  | Left     | W13-1   | Speed Advisory Plaque   |               | 50           | 18 x 18            |                   | 2.25                         |          |           |          |                      |                                 | 2-09    |                       |
| 2-242     115-45     Right     V1-1     Speed Advisory Plaque     30     24.24         1      2.11R       2-148     117-00     Right     R1-1     Stop     30.30   | 2-11R                | 115+65  | Right    | W1-5L   | Left Winding Road       |               |              | 36 x 36            |                   |                              |          |           |          | 1                    | 1                               |         |                       |
| 2-13     177-00     Right     R1-1     Step     30x 30     5.18   4 for Mounting       2-16     123-80     Left     W1-8     Chewon     18.24      3.00     1          4 for Mounting       3-11     134-20     Left     W1-8     Chewon     18.24      3.00     1         4 for Mounting       3-12     134-20     Left     W1-8     Chewon     18.24      3.00     1         4 for Mounting       3-14     134-20     Left     W1-8     Left W1-8     Chewon     3.03     24.24        1     1        4.01       3-14     138-45     Left <td>2-12R</td> <td>115+65</td> <td>Right</td> <td>W13-1</td> <td>Speed Advisory Plaque</td> <td></td> <td>30</td> <td>24 x 24</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>1</td> <td></td> <td>2-11R</td> <td></td>   | 2-12R                | 115+65  | Right    | W13-1   | Speed Advisory Plaque   |               | 30           | 24 x 24            |                   |                              |          |           |          | 1                    |                                 | 2-11R   |                       |
| 2-148       117-00       Right       R14       Step       30.0   | 2-13                 | 117+00  | Right    | R1-1    | Stop                    |               |              | 30 x 30            | 5.18              |                              | 1        |           |          |                      |                                 |         | Aide Rd               |
| 2-15       123+80       Left       W1-8       Chavon       18.24        3.00       1  1       1          1       1         1       1         1       1        1 <td>2-14R</td> <td>117+00</td> <td>Right</td> <td>R1-1</td> <td>Stop</td> <td></td> <td></td> <td>30 x 30</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>1</td> <td>1</td> <td></td> <td>Aide Rd</td>  | 2-14R                | 117+00  | Right    | R1-1    | Stop                    |               |              | 30 x 30            |                   |                              |          |           |          | 1                    | 1                               |         | Aide Rd               |
| 2-16       123-80       Let       W1-8       Chavon       18,24        3.00   1       1          1       1          1       1          1       1          1       1        1       1        1       1        1       1        1       1        1       1        1       1  | 2-15                 | 123+80  | Left     | W1-8    | Chevron                 |               |              | 18 x 24            |                   | 3.00                         | 1        |           |          |                      |                                 |         | 4 Foot Mounting Heig  |
| 2-17         124-20         Left         W2-2         Side Road 90 Degrees, Left         30 x30          6.26          1   1         1          401         4038         4038         4038         403         4038         403         4038         4038         4038         4038         403         4038         403         403         4038         403         4038         4038         403  | 2-16                 | 123+80  | Left     | W1-8    | Chevron                 |               |              | 18 x 24            |                   | 3.00                         |          |           |          |                      |                                 | 2-15    | 4 Foot Mounting Heigl |
| 3-31       134-20       Left       W1-8       Chevron       4 Foot Mounting         3-21       134-20       Left       W1-8       Chevron       18 x24        3.00       1   4.01         4.01         4.01          1       1        4.01          1       1  | 2-17                 | 124+20  | Left     | W2-2    | Side Road 90 Degrees.   | . Left        |              | 30 x 30            |                   | 6.25                         |          | 1         |          |                      |                                 |         |                       |
| 3-32       3-32       3-42       14       W1-8       Chewon       18 x24        3.00                         1          1          1          1          1          1            1       1           1       1           1       1           1       1           1       1          1       1        4/03       3/03  | 3-01                 | 134+20  | Left     | W1-8    | Chevron                 | ,             |              | 18 x 24            |                   | 3.00                         | 1        |           |          |                      |                                 |         | 4 Foot Mounting Heig  |
| 3-338     138-40     Left     W1-5L     Left Winding Road     36 x36         1     1       4-01     143-25     Left     W1-5L     Left Winding Road     36 x36        1          4-01     143-25     Left     W1-5L     Left Winding Road     36 x36        1          4-01     143-45     Left     W1-15     Left Winding Road     36 x36        1     1     4-01       4-038     143-485     Left W1-15     Left Winding Road     36 x36        1     1     4-03R       4-048     143-485     Left W1-15     Right Roemes Come     30 x30      6-25      1       4-07       4-08     154-40     Right W1-14     Large Night Arrow (Single)     48 x24      8-00     1       4-07       4-08     154-40     Left W1-34     Stack Arrow (Single)     45     18 x24      8-00     1   | 3-02                 | 134+20  | Left     | W1-8    | Chevron                 |               |              | 18 x 24            |                   | 3.00                         |          |           |          |                      |                                 | 3-01    | 4 Foot Mounting Heig  |
| 3-04R       138+60       Loft       W13-L       Speed Advisory Plaque       30       24-x24          1         4.01         4401       143x5       Left       W13-L       Speed Advisory Plaque       30       24-x24        4.00          4.01         402       143x5       Left       W13-L       Speed Advisory Plaque       30       24-x24          1       1        4.01         4038       143x5       Left       W13-L       Speed Advisory Plaque       30       24-x24          1       1        4.03R         4084       14600       Right       W14-R       Right Reverse Curve       30.30          1       1        4.07         4067       15440       Left       W14-R       Right Reverse Curve       30.30  | 3-03R                | 138+60  | Left     | W1-5L   | Left Winding Road       |               |              | 36 x 36            |                   |                              |          |           |          | 1                    | 1                               |         | 5 5 5 5 5             |
| 4101         143-25         Left Wriding Road         1         98 x 36          9.00           1  | 3-04R                | 138+60  | Left     | W13-1   | Speed Advisory Plaque   |               | 30           | 24 x 24            |                   |                              |          |           |          | 1                    |                                 | 3-03R   |                       |
| 4-32       Left       W13-1       Speed Advisory Plaque       30       24 x 24        4.00           4-01         4-03R       143-85       Left       W1-1       Left       W1-1       Speed Advisory Plaque       30       24 x 24          1        4-03R         4-06R       146+00       Right       W1-4R       Right Reverse Curve       30       24 x 24          1       1         4-06R       164+00       Right       W1-1       Right Reverse Curve       30 x 30          1       1        4-05R         4-06       Right       W1-3R       Speed Advisory Plaque       40       18 x 18           4-07         4-06       Right W1-1       Large Night Arrow (Single)       48 x 24        8.00       1         4-07         4-01       172+25       Left       W1-48       Right Reverse Curve       30 x 30        625        1         502         202       172+25  | 4-01                 | 143+25  | Left     | W1-5L   | Left Winding Road       |               |              | 36 x 36            |                   | 9.00                         |          |           | 1        |                      |                                 |         |                       |
| 4-03R       143+85       Left       W1-14       Left Turn       1       1         4-04R       133+85       Left       W1-4R       Right Reverse Curve       30       24 ± 24          1       1         4-05R       146+00       Right       W1-4R       Right Reverse Curve       30       24 ± 24          1       1         4-05R       146+00       Right       W1-4R       Right Reverse Curve       30 ± 24 ± 24          1       1        4-05R         4-04       156+00       Right       W1-4R       Right Reverse Curve       30 ± 30 ± 30        6.25        1         4-07         4-09       154+04       Left       W1-6       Large Night Arow (Single)       48 ± 24        6.25        1       1          4-07         4-108       154+00       Left       W1-8       Right Reverse Curve       30 ± 30        6.25        1       1   | 4-02                 | 143+25  | Left     | W13-1   | Speed Advisory Plaque   |               | 30           | 24 x 24            |                   | 4.00                         |          |           |          |                      |                                 | 4-01    |                       |
| 4-04R       143-85       Left       W1-48       Right       W1-48 <td< td=""><td>4-03R</td><td>143+85</td><td>Left</td><td>W1-1L</td><td>Left Turn</td><td></td><td></td><td>36 x 36</td><td></td><td></td><td></td><td></td><td></td><td>1</td><td>1</td><td></td><td></td></td<>   | 4-03R                | 143+85  | Left     | W1-1L   | Left Turn               |               |              | 36 x 36            |                   |                              |          |           |          | 1                    | 1                               |         |                       |
| 406R       146+00       Right       W142       Right       W13-1       Speed AdvisoryPlaque       40       24 × 24          1       1        4-06R         407       150+00       Right       W13-1       Speed AdvisoryPlaque       40       24 × 24          1           4-07         408       150+00       Right       W13-1       Speed AdvisoryPlaque       40       18 × 18        2.25          4-07         4-09       154+40       Left       W1-6       Large Night Xrow (Single)       48 × 24        8.00       1          4-07         4-108       154+40       Left       W1-48       Right Roverse Curve       30 × 30        6.25        1          5-02         6-10       175+85       Right       W1-33       Neasing Zone Pennant       48 × 36         1       1         See Plan Note         6-04       175+85       Left       W1-43       No Passing Zone Pennant<   | 4-04R                | 143+85  | Left     | W13-1   | Speed Advisory Plaque   |               | 30           | 24 x 24            |                   |                              |          |           |          | 1                    |                                 | 4-03R   |                       |
| 4406R       146+00       Right       W131       Speed Advisory Plaque       40       24 x 24           1        4-05R         4001       150+00       Right       W134       Speed Advisory Plaque       40       18 x 14        225        1   <  | 4-05R                | 146+00  | Right    | W1-4R   | Right Reverse Curve     |               |              | 36 x 36            |                   |                              |          |           |          | 1                    | 1                               |         |                       |
| 407       150+00       Right       W14R       Right Reverse Curve       30 x30        625        1   | 4-06R                | 146+00  | Right    | W13-1   | Speed Advisory Plaque   |               | 40           | 24 x 24            |                   |                              |          |           |          | 1                    |                                 | 4-05R   |                       |
| 408       150+00       Right       W13-1       Speed Advisory Plaque       40       18 × 18        2.25             4-07         409       150+00       Right       W13-1       Speed Advisory Plaque       40       48 ×24        8.00       1   1       1           1 <td< td=""><td>4-07</td><td>150+00</td><td>Right</td><td>W1-4R</td><td>Right Reverse Curve</td><td></td><td>10</td><td>30 x 30</td><td></td><td>6 25</td><td></td><td>1</td><td></td><td></td><td></td><td>1 0011</td><td></td></td<>  | 4-07                 | 150+00  | Right    | W1-4R   | Right Reverse Curve     |               | 10           | 30 x 30            |                   | 6 25                         |          | 1         |          |                      |                                 | 1 0011  |                       |
| 109         101         100 <td>4-08</td> <td>150+00</td> <td>Right</td> <td>W13-1</td> <td>Speed Advisory Plaque</td> <td></td> <td>40</td> <td>18 x 18</td> <td></td> <td>2 25</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>4-07</td> <td></td>  | 4-08                 | 150+00  | Right    | W13-1   | Speed Advisory Plaque   |               | 40           | 18 x 18            |                   | 2 25                         |          |           |          |                      |                                 | 4-07    |                       |
| 110       111       Large Night Arrow (Single)       18 × 16   | 4-09                 | 154+40  | Left     | W1-6    | Large Night Arrow (Sing | ıle)          |              | 48 x 24            |                   | 8.00                         | 1        |           |          |                      |                                 |         |                       |
| 172425       Left       W1-4       Right Reverse Curve       30 x 30        6.25           5-02         6-01       175+85       Right       W14-3       No Passing Zone Pennant       48 x 36        6.00        1         5-02         6-01       175+85       Right       W14-3       No Passing Zone Pennant       48 x 36           5-02         6-02       175+85       Left       W14-3       No Passing Zone Pennant       48 x 36           1       1        See Plan Note         6-028       175+85       Left       W14-3       No Passing Zone Pennant       48 x 36         1       1         1       1         1       1         1       1         1       1         1       1        1       1  | 4-10R                | 154+60  | Left     | W1-6    | Large Night Arrow (Sing | ile)          |              | 48 x 24            |                   |                              |          |           |          | 1                    | 1                               |         |                       |
| 5-02       172+25       Left       W14-3       Speed Advisory Plaque       45       18 × 18        2.25           5-02         6-01       175+85       Right       W14-3       No Passing Zone Pennant       48 × 36        6.00        1          See Plan Note         6-02R       175+85       Left       W14-3       No Passing Zone Pennant       48 × 36          1       1        See Plan Note         6-03       175+85       Left       W14-3       No Passing Zone Pennant       48 × 36          1       1        See Plan Note         6-04R       175+85       Left       W14-3       No Passing Zone Pennant       48 × 36          1       1        See Plan Note         6-04R       176+80       Left       W14-3       No Passing Zone Pennant       48 × 36          1       1         1       1         1       1         1       1   | 5-01                 | 172+25  | Left     | W1-4R   | Right Reverse Curve     | ,             |              | 30 x 30            |                   | 6 25                         |          | 1         |          |                      |                                 |         |                       |
| Column 1212         Column 1212 <thcolumn 1212<="" th=""> <thcolumn 1212<="" th=""></thcolumn></thcolumn>  | 5-02                 | 172+25  | Left     | W13-1   | Speed Advisory Plaque   |               | 45           | 18 v 18            |                   | 2 25                         |          |           |          |                      |                                 | 5-02    |                       |
| 6-02R       175+85       Right       W14-3       No Passing Zone Pennant       48 x36          1   | 6-01                 | 175+85  | Right    | W14-2   | No Passing Zone Penn    | ant           | τu           | 10 x 10<br>48 x 26 |                   | 6.00                         |          | 1         |          |                      |                                 | 0.02    | See Plan Note         |
| 6-03       175+85       Left       W14-3       No Passing Zone Pennant       48 x36        6.00        1         See Plan Note         6-04R       175+85       Left       W14-3       No Passing Zone Pennant       48 x36          1         See Plan Note         6-04R       175+85       Left       W14-3       No Passing Zone Pennant       48 x36           1       1        See Plan Note         6-05R       176+80       Left       W14-8       Right Reverse Curve       36 x36           1       1        6-05R         7-01       199+80       Right       W2-2       Side Road 90 Degrees, Left       30 x30        6.25        1 <t< td=""><td>6-02R</td><td>175+85</td><td>Right</td><td>₩14-3</td><td>No Passing Zone Penn</td><td>ant</td><td></td><td>40 x 30<br/>12 x 26</td><td></td><td></td><td></td><td></td><td></td><td>1</td><td>1</td><td></td><td></td></t<>   | 6-02R                | 175+85  | Right    | ₩14-3   | No Passing Zone Penn    | ant           |              | 40 x 30<br>12 x 26 |                   |                              |          |           |          | 1                    | 1                               |         |                       |
| 0.04R       176+80       Left       W14-3       No Passing Zone Pennant       48 x36          1       1         6-04R       176+80       Left       W14-3       No Passing Zone Pennant       48 x36          1       1         6-06R       176+80       Left       W13-1       Speed Advisory Plaque       40       24 x24          1       1        6-05R         7-01       199+80       Right       W2-2       Side Road 90 Degrees, Left       30 x30        6-25        1  Hickory Grove R   | 6-03                 | 175+85  | Left     | ₩14-3   | No Passing Zone Penn    | ant           |              | 40 x 30<br>12 x 26 |                   | 6.00                         |          | 1         |          |                      |                                 |         | See Plan Note         |
| Construction       Construction <th< td=""><td>6-04R</td><td>175+85</td><td></td><td>W14-3</td><td>No Passing Zone Penn</td><td>ant</td><td></td><td>40 × 30<br/>48 × 36</td><td></td><td></td><td></td><td></td><td></td><td>1</td><td>1</td><td></td><td></td></th<>               | 6-04R                | 175+85  |          | W14-3   | No Passing Zone Penn    | ant           |              | 40 × 30<br>48 × 36 |                   |                              |          |           |          | 1                    | 1                               |         |                       |
| 0.06R       176+80       Left       W13-1       Speed Advisory Plaque       40       24 x24          1        6-05R         7-01       199+80       Right       W2-2       Side Road 90 Degrees, Left       30 x30        6.25        1              6-05R         7-01       199+80       Right       W2-2       Side Road 90 Degrees, Left       30 x30        6.25        1             1       1         1       1         1       1         1       1         1       1         1       1         1       1         1       1         1       1         1       1         1       1         1       1         1       1        1       1  | 6-05R                | 176+80  |          | W/1_1P  | Right Reverse Curve     | unt           |              | 26 v 26            |                   |                              |          |           |          | 1                    | 1                               |         |                       |
| 0 001       1001       Control 1001 </td <td>6-06R</td> <td>176+80</td> <td></td> <td>\//1२_1</td> <td>Speed Advisory Plaqua</td> <td></td> <td>40</td> <td>00 x 00<br/>01 v 01</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>1</td> <td></td> <td>6-05P</td> <td></td> | 6-06R                | 176+80  |          | \//1२_1 | Speed Advisory Plaqua   |               | 40           | 00 x 00<br>01 v 01 |                   |                              |          |           |          | 1                    |                                 | 6-05P   |                       |
| Total 100100       Night       W2 2       Side Road 90 Degrees, Left       36 x 36           1       1         8-01       207+40       Left       R1-1       Stop       30 x 30       5.18        1       1         8-02R       207+40       Left       R1-1       Stop       30 x 30       5.18        1       1       Hickory Grove R         8-03R       207+40       Left       R1-1       Stop       30 x 30           1       1         8-03R       209+75       Right       W8-2       Dip       30 x 30           1       1         Sheet Totals       16.86       102.25       6       8       2       24       17         SHEET 1 OF 4         TNO: 5939-00-61       HWY: STH 80       COUNTY: IOWA       MISCELLANEOUS QUANTITIES       SHEET   | 7-01                 | 100-00  | Right    | W/2-2   | Side Road 00 Degroop    | l oft         |              | 24 x 24<br>20 v 20 |                   | 6.25                         |          | 1         |          |                      |                                 | 0-031   |                       |
| Notice     Notice     Name     Notice     Name     Notice     Name     Nam     Nam     Name     Name <td>7-02P</td> <td>100-20</td> <td>Right</td> <td>W/2-2</td> <td>Side Road 00 Degrees,</td> <td>loft</td> <td></td> <td>26 v 26<br/>20 X 30</td> <td></td> <td>0.20</td> <td></td> <td>I<br/></td> <td></td> <td>1</td> <td></td> <td></td> <td></td>   | 7-02P                | 100-20  | Right    | W/2-2   | Side Road 00 Degrees,   | loft          |              | 26 v 26<br>20 X 30 |                   | 0.20                         |          | I<br>     |          | 1                    |                                 |         |                       |
| 8-02R       207+40       Left       R1-1       Stop       30 x 30          1       1       Hickory Grove R         8-03R       209+75       Right       W8-2       Dip       Sheet Totals       16.86       102.25       6       8       2       24       17         Sheet Totals       16.86       102.25       6       8       2       24       17       SHEET 1 OF 4         T NO: 5939-00-61       HWY: STH 80       COUNTY: IOWA       MISCELLANEOUS QUANTITIES       SHEET   | 8-01                 | 207±40  |          | R1_1    | Ston                    | , Lon         |              | 20 v 20            | 5 1 9             |                              | 1        |           |          |                      |                                 |         | Hickory Grove Pd      |
| 8-03R       209+75       Right       W8-2       Dip       30 x 30          1       1       Interview       Interview <t< td=""><td>8-02P</td><td>207±40</td><td></td><td>R1_1</td><td>Stop</td><td></td><td></td><td>20 v 20<br/>20 v 20</td><td>5.10</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>Hickory Grove Ru</td></t<>  | 8-02P                | 207±40  |          | R1_1    | Stop                    |               |              | 20 v 20<br>20 v 20 | 5.10              |                              |          |           |          |                      |                                 |         | Hickory Grove Ru      |
| Sheet Totals         16.86         102.25         6         8         2         24         17           Sheet Totals         16.86         102.25         6         8         2         24         17           SHEET 1 OF 4         Image: Street Totals         1000000000000000000000000000000000000  | 8-02R                | 201 +40 | Right    | \\/Q_2  | Din                     |               |              | 20 v 20<br>20 v 20 |                   |                              |          |           |          | 1                    | 1                               |         | THEROLY GIVE RU       |
| Sheet Totals         16.86         102.25         6         8         2         24         17           SHEET 1 OF 4         SHEET 1 OF 4         MISCELLANEOUS QUANTITIES         SHEET 1 OF 4  | 0-031                | 203713  | Ngh      | vv0-2   | ыh                      |               |              | 30 X 30            |                   |                              |          |           |          | I                    | I                               |         |                       |
| CHOCK HOLD       HOLD       COUNTY: IOWA       MISCELLANEOUS QUANTITIES       SHEET 1 OF 4         ST NO: 5939-00-61       HWY: STH 80       COUNTY: IOWA       MISCELLANEOUS QUANTITIES       SHEET   |                      |         |          |         |                         |               | Sheet Totals |                    | 16.86             | 102 25                       | 6        | 8         | 2        | 24                   | 17                              |         |                       |
| SHEET 1 OF 4         T NO: 5939-00-61       HWY: STH 80       COUNTY: IOWA       MISCELLANEOUS QUANTITIES       SHEET 1 OF 4   |                      |         |          |         |                         |               | Check Foldis |                    | 10.00             | 102.20                       | 0        | 0         | ~        | 27                   | . /                             |         |                       |
| T NO: 5939-00-61 HWY: STH 80 COUNTY: IOWA MISCELLANEOUS QUANTITIES SHEET   |                      |         |          |         |                         |               |              |                    |                   |                              |          |           |          |                      |                                 |         | SHEET 1 OF 4          |
|  | <br>T NO: 5020 00 64 |         |          |         |                         |               |              |                    |                   |                              | R/10     |           |          |                      | ITIES                           |         | SHEET                 |
|  |                      | 1939-00 | -01      |         |                         | 11001. 310 00 |              |                    | ••A               |                              |          |           |          | QUANT                |                                 |         |                       |

FILE NAME : \_\_\_\_\_

PLOT DATE : \_\_\_\_\_

PLOT BY : \_\_\_\_\_

PLOT NAME : \_\_\_\_\_\_ ORG DATE : \_\_\_\_\_

ORIGINATOR : DIST \_
|   |                     | SIGN    | 637.2210<br>SIGNS<br>TYPE II | 637.2230<br>SIGNS<br>TYPE II<br>REFLECTIVE | 634.0614<br>POSTS | 634.0616<br>S WOOD 4X | 634.0618<br>6 INCH | 638.2602<br>REMOVING<br>SIGNS | 638.3000<br>REMOVING<br>SMALL<br>SIGN | SIGN  |                 |
|---|---------------------|---------|------------------------------|--|-------------------|-----------------------|--------------------|-------------------------------|---------------------------------------|-------|-----------------|
| SIGN APPROX. SIGN                                     |                     |         | REFLECTIVE H                 |  |                   |                       |                    |                               | SUPPORTS                              |       | DEWVDKS         |
| 8-04R 211+35 Left W8-2 Dip                            | SKIPHON OKDER LINES | 30 x 30 |                              |  |                   |                       | LACH               | 1                             | 1                                     |       | INE MAILING     |
| 8-05R 212+85 Left W1-5L Left Winding Ro:              | ad                  | 36 x 36 |                              |  |                   |                       |                    | 1                             | 1                                     |       |                 |
| 8-06 215+50 Left W2-2 Side Road 90 Dr                 | earees Right        | 30 x 30 |                              | 6 25                                       |                   | 1                     |                    |                               |                                       |       |                 |
| 9-01R 225+95 Right W1-21 Left Curve                   | cgrees, right       | 36 x 36 |                              | 0.20                                       |                   |                       |                    | 1                             | 1                                     |       |                 |
| 9-02R 225+95 Right W13-1 Speed Advisory [             | Plaque 50           | 24 x 24 |                              |  |                   |                       |                    | 1                             |                                       | 9-01R |                 |
| 9-03 227+00 Left W1-21 Left Curve                     |                     | 30 x 30 |                              | 6 25                                       |                   | 1                     |                    |                               |                                       | 0.011 |                 |
| 9-04 227+00 Left W13-1 Speed Advisory F               | Plaque 50           | 18 x 18 |                              | 2.25                                       |                   |                       |                    |                               |                                       | 9-03  |                 |
| 10-01 230+00 Right W1-2R Right Curve                  |                     | 30 x 30 |                              | 6.25                                       |                   | 1                     |                    |                               |                                       | 0.00  |                 |
| 10-02 230+00 Right W13-1 Speed Advisory F             | Plaque 50           | 18 x 18 |                              | 2.25                                       |                   |                       |                    |                               |                                       | 10-01 |                 |
| 10-03 231+80 Right W2-2 Side Road 90 De               | egrees. Right       | 30 x 30 |                              | 6.25                                       |                   | 1                     |                    |                               |                                       |       |                 |
| 10-04R 232+00 Right W2-2 Side Road 90 De              | egrees. Right       | 36 x 36 |                              |  |                   |                       |                    | 1                             | 1                                     |       |                 |
| 10-05 239+55 Right R1-1 Stop                          | -9,9                | 30 x 30 | 5.18                         |  | 1                 |                       |                    |                               |                                       |       | Booth Hollow Rd |
| 10-06R 239+55 Right R1-1 Stop                         |                     | 30 x 30 |                              |  |                   |                       |                    | 1                             | 1                                     |       | Booth Hollow Rd |
| 10-07 240+05 Right R1-1 Stop                          |                     | 30 x 30 | 5.18                         |  | 1                 |                       |                    |                               |                                       |       | Booth Hollow Rd |
| 10-08R 240+05 Right R1-1 Stop                         |                     | 30 x 30 |                              |  |                   |                       |                    | 1                             | 1                                     |       | Booth Hollow Rd |
| 11-01 248+00 Left W2-2 Side Road 90 De                | egrees. Left        | 30 x 30 |                              | 6.25                                       | 1                 |                       |                    |                               |                                       |       |                 |
| 11-02R 248+50 Left W2-2 Side Road 90 De               | egrees. Left        | 36 x 36 |                              |  |                   |                       |                    | 1                             | 1                                     |       |                 |
| 11-03 250+80 Right W14-3 No Passing Zon               | e Pennant           | 48 x 36 |                              | 6.00                                       |                   | 1                     |                    |                               |                                       |       | See Plan Note   |
| 11-04R 250+80 Right W14-3 No Passing Zon              | e Pennant           | 48 x 36 |                              |  |                   |                       |                    | 1                             | 1                                     |       |                 |
| 11-05 258+50 Left W14-3 No Passing Zon                | e Pennant           | 48 x 36 |                              | 6.00                                       |                   | 1                     |                    |                               |                                       |       | See Plan Note   |
| 11-06R 258+50 Left W14-3 No Passing Zon               | e Pennant           | 48 x 36 |                              |  |                   |                       |                    | 1                             | 1                                     |       |                 |
| 12-01 261+50 Right W2-2 Side Road 90 De               | egrees. Left        | 30 x 30 |                              | 6.25                                       | 1                 |                       |                    |                               |                                       |       |                 |
| 12-02R 263+00 Right W2-2 Side Road 90 De              | egrees. Left        | 36 x 36 |                              |  |                   |                       |                    | 1                             | 1                                     |       |                 |
| 12-03 266+00 Right W5-2 Narrow Bridge                 | -9,                 | 36 x 36 |                              | 9.00                                       |                   | 1                     |                    |                               |                                       |       |                 |
| 12-04R 266+75 Right W5-2 Narrow Bridge                |                     | 36 x 36 |                              |  |                   |                       |                    | 1                             | 1                                     |       |                 |
| 12-05 269+00 Left R1-1 Stop                           |                     | 30 x 30 | 5.18                         |  | 1                 |                       |                    |                               |                                       |       | Dry Dog Rd      |
| 12-06R 269+00 Left R1-1 Stop                          |                     | 30 x 30 |                              |  |                   |                       |                    | 1                             | 1                                     |       | Dry Dog Rd      |
| 12-07 274+00 Right W5-52R Clearance Stripe            | er Down Left        | 12 x 36 |                              | 3.00                                       | 1                 |                       |                    |                               |                                       |       | )               |
| 12-08R 274+00 Right W5-52R Clearance Stripe           | er Down Left        | 12 x 36 |                              |  |                   |                       |                    | 1                             | 1                                     |       |                 |
| 12-09 274+00 Left W5-52L Clearance Stripe             | er Down Right       | 12 x 36 |                              | 3.00                                       | 1                 |                       |                    |                               |                                       |       |                 |
| 12-10R 274+00 Left W5-52L Clearance Stripe            | er Down Right       | 12 x 36 |                              |  |                   |                       |                    | 1                             | 1                                     |       |                 |
| 12-11 274+30 Left W5-52R Clearance Stripe             | er Down Left        | 12 x 36 |                              | 3.00                                       | 1                 |                       |                    |                               |                                       |       |                 |
| 12-12R 274+30 Left W5-52R Clearance Stripe            | er Down Left        | 12 x 36 |                              |  |                   |                       |                    | 1                             | 1                                     |       |                 |
| 12-13 274+30 Right W5-52L Clearance Stripe            | er Down Right       | 12 x 36 |                              | 3.00                                       | 1                 |                       |                    |                               |                                       |       |                 |
| 12-14R 274+30 Right W5-52L Clearance Stripe           | er Down Right       | 12 x 36 |                              |  |                   |                       |                    | 1                             | 1                                     |       |                 |
| 13-01 280+90 Right W14-3 No Passing Zon               | e Pennant           | 48 x 36 |                              | 6.00                                       | 1                 |                       |                    |                               |                                       |       | See Plan Note   |
| 13-02R 280+90 Right W14-3 No Passing Zon <sup>7</sup> | e Pennant           | 48 x 36 |                              |  |                   |                       |                    | 1                             | 1                                     |       |                 |
| 13-03R 281+50 Left W5-2 Narrow Bridge                 |                     | 36 x 36 |                              |  |                   |                       |                    | 1                             | 1                                     |       |                 |
| 13-04 282+00 Left W5-2 Narrow Bridge                  |                     | 36 x 36 |                              | 9.00                                       |                   | 1                     |                    |                               |                                       |       |                 |
| 13-05 287+80 Left W14-3 No Passing Zon                | e Pennant           | 48 x 36 |                              | 6.00                                       | 1                 |                       |                    |                               |                                       |       | See Plan Note   |
| 13-06R 287+80 Left W14-3 No Passing Zon               | e Pennant           | 48 x 36 |                              |  |                   |                       |                    | 1                             | 1                                     |       |                 |
| 14-01 301+75 Right W14-3 No Passing Zon               | e Pennant           | 48 x 36 |                              | 6.00                                       | 1                 |                       |                    |                               |                                       |       | See Plan Note   |
| 14-02R 301+75 Right W14-3 No Passing Zon              | e Pennant           | 48 x 36 |                              |  |                   |                       |                    | 1                             | 1                                     |       |                 |
| 15-01 315+75 Right R1-1 Stop                          |                     | 30 x 30 | 5.18                         |  | 1                 |                       |                    |                               |                                       |       | D St            |
| 15-02R 315+75 Right R1-1 Stop                         |                     | 30 x 30 |                              |  |                   |                       |                    | 1                             | 1                                     |       | D St            |
| 15-03 315+85 Left R1-1 Stop                           |                     | 30 x 30 | 5.18                         |  | 1                 |                       |                    |                               |                                       |       | Old Hwy 80      |
| 15-04R 315+85 Left R1-1 Stop                          |                     | 30 x 30 |                              |  |                   |                       |                    | 1                             | 1                                     |       | Old Hwy 80      |
| 17-01 346+00 Left R2-1 Speed Limit                    | 55                  | 24 x 30 | 5.00                         |  | 1                 |                       |                    |                               |                                       |       | , ,             |
|   | Chaot Totala        |         | 20.00                        | 102.00                                     | 45                | 0                     | 0                  | 00                            |                                       |       |                 |
|   |                     |         | 30.90                        | 102.00                                     | 15                | õ                     | U                  | 23                            | 22                                    |       |                 |
|   |                     |         |                              |  |                   |                       |                    |                               |                                       |       | SHEET 2 OF 4    |
|   |                     |         |                              |  |                   |                       |                    |                               |                                       |       |                 |

FILE NAME : \_\_\_\_\_

PLOT DATE : \_\_\_\_\_

PLOT BY : \_\_\_\_\_

\_\_\_\_\_

PLOT NAME : \_\_\_\_\_\_ ORG DATE : \_\_\_\_\_

ORIGINATOR : DIST \_

PERMANENT SIGNING

|                 |         |              |       |                           |  | SIGN               | 637.2210<br>SIGNS<br>TYPE II | 637.2230<br>SIGNS<br>TYPE II<br>REFLECTIVE | 634.0614<br>POSTS | 634.0616<br>WOOD 4X | 634.0618<br>6 INCH | 638.2602<br>REMOVING<br>SIGNS | 638.3000<br>REMOVING<br>SMALL<br>SIGN | SIGN    |                  |   |
|-----------------|---------|--------------|-------|---------------------------|--|--------------------|------------------------------|--|-------------------|---------------------|--------------------|-------------------------------|---------------------------------------|---------|------------------|---|
|                 | APPROX. | DOSITION     | SIGN  |                           |  |                    |                              | F<br>9E                                    |                   |                     |                    |                               | SUPPORIS                              |         | DEMARKS          |   |
| 17-02R          | 346+60  | Right        | J1-1  | Junction Assembly         | JCT  | 24 x 39            |                              |  |                   |                     | EACH<br>           | 1                             | 1                                     | ON SAME | REWARKS          |   |
| 47.00           | 0.47 00 |              |       |                           | 133  | 40.00              |                              | 0.00                                       |                   |                     |                    |                               |                                       |         |                  |   |
| 17-03<br>17.04P | 347+00  | Left         | W14-3 | No Passing Zone Pennant   |  | 48 x 36            |                              | 6.00                                       |                   | 1                   |                    |                               |                                       | 17.05P  | See Plan Note    |   |
| 17-04R          | 347+05  | Leit         | D2-2  | No Passing Zone Pennant   | Highland 10                                | 48 X 30<br>72 x 24 |                              |  |                   |                     |                    | 1                             |                                       | 17-05R  |                  |   |
| 17-05K          | 347 +05 | Leit         | DZ-2  | Destinations Distances    | Cobb 18                                    | 12 8 24            |                              |  |                   |                     |                    | I                             | Z                                     |         |                  |   |
| 18-01           | 348+50  | Right        | J1-1  | Junction Assembly         | JCT<br>133                                 | 24 x 39            | 6.50                         |  |                   | 1                   |                    |                               |                                       |         |                  |   |
| 18-02R          | 348+90  | Right        | W3-1  | Stop Ahead                | 100  | 36 x 36            |                              |  |                   |                     |                    | 1                             | 1                                     |         |                  |   |
| 18-03R          | 348+90  | Left         | W3-1  | Stop Ahead                |  | 36 x 36            |                              |  |                   |                     |                    | 1                             | 1                                     |         |                  |   |
| 18-04           | 349+00  | Left         | D2-2  | Destinations Distances    | Highland 11<br>Cobb 18                     | 72 x 24            | 12.00                        |  | 2                 |                     |                    |                               |                                       |         |                  |   |
| 8-05            | 350+50  | Right        | W3-1  | Stop Ahead                |  | 36 x 36            |                              | 9.00                                       |                   | 1                   |                    |                               |                                       |         |                  |   |
| 18-06           | 350+50  | Left         | W3-1  | Stop Ahead                |  | 36 x 36            |                              | 9.00                                       |                   | 1                   |                    |                               |                                       |         |                  |   |
| 8-07            | 351+00  | Left         | J4-1  | Reassurance Assembly      | SOUTH<br>80                                | 24 x 36            | 6.00                         |  |                   | 1                   |                    |                               |                                       |         |                  |   |
| 18-08R          | 351+00  | Left         | J4-1  | Reassurance Assembly      | SOUTH<br>80                                | 24 x 36            |                              |  |                   |                     |                    | 1                             | 1                                     |         |                  |   |
| 8-09            | 352+15  | Right        | R3-2  | No Left Turn Symbol       |  | 36 x 36            | 9.00                         |  |                   | 1                   |                    |                               |                                       |         |                  |   |
| 8-10R           | 352+15  | Right        | R3-2  | No Left Turn Symbol       |  | 24 x 24            |                              |  |                   |                     |                    | 1                             | 1                                     |         |                  |   |
| 8-11            | 354+10  | Left, Island | R4-7  | Keep Right                |  | 24 x 30            | 5.00                         |  | 1                 |                     |                    |                               |                                       |         |                  |   |
| 8-12R           | 354+10  | Left, Island | R4-7  | Keep Right                |  | 24 x 30            |                              |  |                   |                     |                    | 1                             | 1                                     |         |                  |   |
| 8-13            | 354+20  | Left, Island | R1-1  | Stop                      |  | 36 x 36            | 7.46                         |  | 1                 |                     |                    |                               |                                       |         |                  |   |
| 8-14R           | 354+20  | Left, Island | R1-1  | Stop                      |  | 36 x 36            |                              |  |                   |                     |                    | 1                             | 1                                     |         | Has Blinder Hood |   |
| 8-15            | 354+75  | Left         | R3-1  | No Right Turn Symbol      |  | 24 x 24            | 4.00                         |  | 1                 |                     |                    |                               |                                       |         |                  |   |
| 8-16R           | 354+75  | Left         | R3-1  | No Right Turn Symbol      |  | 24 x 24            |                              |  |                   |                     |                    | 1                             | 1                                     |         |                  |   |
| 8-17            | 355+05  | Right        | J2-3  | Advance Route Turn Assemb | bly NORTH, SOUTH, NORTH<br>80, 133, 133    | 72 x 57            | 28.50                        |  |                   | 1                   | 1                  |                               |                                       |         |                  |   |
| 0.400           | 0== 0=  | <u> </u>     |       |                           | Left Turn Arrow, Left Turn Arrow, Right Tu | urn Arrow          |                              |  |                   |                     |                    |                               |                                       |         |                  |   |
| 8-18R           | 355+05  | Right        | J2-3  | Advance Route Turn Assemb | bly NORTH, SOUTH, NORTH<br>80, 133, 133    | /2×5/              |                              |  |                   |                     |                    | 1                             | 2                                     |         |                  |   |
| 8-10            | 356+05  | Pight        | D1-3  | Destinations Arrows       | Left Arrow, Muscoda                        | 72 v 36            | 18.00                        |  | 1                 | 1                   |                    |                               |                                       |         |                  | — |
| 0-19            | 330+93  | Ngh          | D1-3  | Destinations Arlows       | Avoca, Right Arrow                         | 72,30              | 18.00                        |  | I                 | I                   |                    |                               |                                       |         |                  |   |
| 8-20R           | 356+95  | Right        | D1-3  | Destinations Arrows       | Left Arrow Muscoda                         | 72 x 36            |                              |  |                   |                     |                    | 1                             | 2                                     |         |                  |   |
| 2011            | 000100  | itight       | 210   |                           | Avoca, Right Arrow                         |                    |                              |  |                   |                     |                    | ·                             | -                                     |         |                  |   |
| 8-21            | 357+85  | Left         | W3-1  | Stop Ahead                |  | 36 x 36            |                              | 9.00                                       |                   | 1                   |                    |                               |                                       |         |                  | — |
| 8-22R           | 357+85  | Left         | W3-1  | Stop Ahead                |  | 36 x 36            |                              |  |                   |                     |                    | 1                             | 1                                     |         |                  |   |
| 3-23R           | 358+85  | Left         | J4-1  | Reassurance Assembly      | SOUTH<br>80                                | 24 x 36            |                              |  |                   |                     |                    | 1                             | 1                                     |         |                  |   |
| 3-24            | 359+00  | Right        | R1-1  | Stop                      |  | 36 x 36            | 7.46                         |  | 1                 |                     |                    |                               |                                       |         | STH 133          | — |
| 8-25R           | 359+00  | Right        | R1-1  | Stop                      |  | 36 x 36            |                              |  |                   |                     |                    | 1                             | 1                                     |         | STH 133          |   |
|                 |         |              |       |                           | Sheet Totals                               |                    | 103.92                       | 33.00                                      | 7                 | 9                   | 1                  | 15                            | 17                                    |         |                  |   |
|                 |         |              |       |                           |  |                    |                              |  |                   |                     |                    |                               |                                       |         | SHEET 3 OF 4     |   |
|                 |         |              |       |                           |  |                    |                              |  |                   |                     |                    |                               |                                       |         |                  |   |
| JECT I          | NO: 593 | 9-00-61      |       |                           | HWY: STH 80                                | COUNTY: IC         | WA                           |  | I MI              | SCELLA              | NEOUS              |                               | TIES                                  | I SH    | IEET             |   |

3

FILE NAME : \_

PLOT DATE : \_\_

PLOT BY : \_\_\_

PLOT NAME : \_\_\_\_

ORG DATE : \_\_\_\_

ORIGINATOR : DIST \_

PLOT SCALE : 1:1

### 637.2230 637.2210 SIGNS 634.0614 634.0616 634.0618 638.26 REMOV SIGNS TYPE II REFLECTIVE SIGN SIGN TYPE II POSTS WOOD 4X6 INCH SIZE REFLECTIVE H TYPE SIGN APPROX. SIGN F 14 FT 16 FT 18 FT NUMBER STATION POSITION CODE SF ORDER LINES EACH EACI SIGN DESCRIPTION IN X IN SF EACH EACH NORTH, SOUTH, NORTH 18-26 359+00 Right J3-3 Route Turn Assembly 72 x 57 28.50 ----2 ----------80, 133, 133 Left Arrow, Left Arrow, Right Arrow 18-27R 359+00 Right J3-3 Route Turn Assembly NORTH, SOUTH, NORTH 72 x 57 1 -------------------80, 133, 133 Left Arrow, Left Arrow, Right Arrow 19-01 354+15 Ramp, Left R5-1 Do Not Enter 30 x 30 6.25 ----1 ---------Ramp, Left R5-1 19-02R 354+15 30 x 30 Do Not Enter ---------------1 ---354+50 Ramp, Right R5-1 19-03 Do Not Enter 30 x 30 6.25 ---1 ----19-04R 354+50 Ramp, Right R5-1 Do Not Enter 30 x 30 1 ----------------Ramp, Right R5-1A Wrong Way 19-05 36 x 24 6.00 ----1 ----------19-06R Ramp, Right R5-1A Wrong Way 36 x 24 1 -----------------19-07 Ramp, Left R5-1A Wrong Way 36 x 24 6.00 ----1 ---------Ramp, Left R5-1A Wrong Way 19-08R 36 x 24 -------------------1 SOUTH 19-09 Ramp, Left J4-1 Reassurance Assembly 24 x 36 6.00 -------1 ------80 19-10R SOUTH Ramp, Left J4-1 Reassurance Assembly 24 x 36 ----1 --------------80 19-11 STH 133 W13-3 Ramp Speed 45 24 x 30 5.00 1 -------------19-12R NORTH, SOUTH STH 133 J3-2 Route Turn Assembly 48 x 57 ----------133, 80 Up Arrow, Tilt Right Arrow 19-13 STH 133 J3-2 Route Turn Assembly NORTH, SOUTH 48 x 57 19.00 1 -----------133,80 Up Arrow, Tilt Right Arrow Sheet Totals 78.00 5.00 5 1 3 Project Totals 229.68 242.25 33 26 69 6

PERMANENT SIGNING

| PROJECT NO: 5939-00-6 | 1           | HWY: STH 80 |          | COUNTY: IOWA |            | MISCELLANEOUS QUAN  |
|-----------------------|-------------|-------------|----------|--------------|------------|---------------------|
| FILE NAME :           | PLOT DATE : | PLOT BY :   | PLOT NAM | 1E :         | ORG DATE : | ORIGINATOR : DIST _ |

| NTITIES  | SI                         | HEET                       | E |  |
|--|----------------------------|----------------------------|---|--|
|  |                            |                            |   |  |
|  |                            |                            |   |  |
|  |                            | SHEET 4 OF 4               |   |  |
| 64   |                            |                            |   |  |
| 8  |                            |                            |   |  |
|  |                            | 150 Feet West of Taper     |   |  |
| 1  |                            | Place at Start of Taper    |   |  |
| 1  |                            |                            |   |  |
| <br>1<br>  |                            | 200 Feet Northwest of R5-1 |   |  |
| 1<br><br>1   |                            | 200 Feet Northwest of R5-1 |   |  |
| <br>1<br>  |                            |                            |   |  |
| 2  |                            | STH 133                    |   |  |
|  |                            | STH 133                    |   |  |
| 638.3000<br>602 REMOVING<br>VING SMALL<br>NS SIGN<br>E II SUPPORTS<br>H EACH | SIGN<br>MOUNTED<br>ON SAME | REMARKS                    | - |  |
|  |                            |                            |   |  |

|                             |                  |                | IUIAI            | 51.540   | 42,180   | 22   | 2,110  |                     |               |             |         |          |                      |             |
|-----------------------------|------------------|----------------|------------------|--|--|--|--|---------------------|---------------|-------------|---------|----------|----------------------|-------------|
|                             |                  |                | SUBTOTAL         | 51,540   | 42,180   | 22   | 2,110  |                     |               |             |         |          |                      |             |
| UNDISTRIBUTED               |                  |                |                  | -  | -  | -  | 2,110  |                     |               |             |         |          |                      |             |
|                             | 000110           | IX I           |                  | -  | -  | 11   | -  |                     |               |             |         | TOTAL    | 25,762               | 1           |
| STH 80 NB AT STH 133        | 354+30<br>359+10 | LI<br>RT       |                  | -  | -  | 11   | -  |                     |               |             |         |          |                      |             |
| STH 80 SB EDGE              | 101+38           | ı <del>ب</del> | 359+00           | 25,770   | -  | -  | -  |                     | STH 80        | 101+38      |         | 359+00   | 25,762               | 1           |
|                             | 245+00           |                | 359+00           | -  | 17,100   | -  | -  |                     | CATEGORY 0010 |             |         |          |                      |             |
|                             | 233+00           |                | 245+00           | -  | 2,400  | -  | -  |                     | ROADWAY       | STATION     | ТО      | STATION  | LF                   | LS          |
|                             | 160+00           |                | 233+00           | -  | 10,950   | -  | -  |                     |               |             |         |          | REFERENCE            | CONTROL     |
| STI OU CL                   | 113+00           |                | 160+00           | -  | 9,400  | -  | -  |                     |               |             |         |          | RESURFACING          | SUPPLEMENT  |
| STH 80 NB EDGE<br>STH 80 CI | 101+38<br>101+38 |                | 359+00<br>113+00 | 25,770   | -<br>2 330   | -  | -  |                     |               |             |         |          | STAKING              | STAKING     |
| CATEGORY 0010               |                  |                |                  |  |  |  |  |                     |               |             |         |          | CONSTRUCTION         | CONSTRUCTIO |
| ROADWAY                     | STATION          | ТО             | STATION          | LF   | LF   | LF   | LF   |                     |               |             |         |          | 650.8000             | 650.9910    |
|                             |                  |                | <u> </u>         | 646.0106<br>PAVEMENT<br>MARKING EPOXY<br>4-INCH<br>WHITE | EMS<br>646.0406<br>PAVEMENT<br>MARKING SAME<br>DAY EPOXY<br>4-INCH<br>YELLOW | 647.0566<br>PAVEMENT<br>MARKING<br>STOP LINE<br>EPOXY 18-INCH<br>WHITE | 649.0100<br>TEMPORAF<br>PAVEMEN<br>MARKING<br>H 4-INCH<br>YELLOW | RΥ<br>T             |               | CONSTRUCTIO | N STAKI | NG ITEMS |                      |             |
|                             |                  |                |                  |  |  |  |  |                     |               |             |         |          |                      |             |
|                             |                  | ТОТ            | ΓAL              | 800  | 160  | 320  | 670  | 96                  |               |             | TOTAL   |          | 1                    |             |
| STH 8                       | )                | UNDISTR        | RIBUTED          | 800  | 160  | 320  | 670  | 96                  |               |             |         |          |                      |             |
| CATEGORY                    | AY<br>(0010      | LOCA           | TION             | DAYS   | DAYS   | DAYS   | DAYS   | SF                  |               | CATE        | GORY C  | 0010     | 1                    |             |
|                             |                  |                |                  | DRUMS  | BARRICADE<br>TYPE III  | WARNING LIGHTS<br>TYPE C   | S SIGNS  | FIXED<br>MESSAGE    |               | R           | OADWA   | (<br>Y   | (5939-00-61)<br>EACH |             |
|                             |                  |                |                  | CONTROL  | CONTROL  | CONTROL  | CONTROL  | CONTROL SIGNS       |               |             |         |          | CONTROL              |             |
|                             |                  |                |                  | 643.0300<br>TRAFFIC                                      | 643.0420<br>TRAFFIC  | 643.0715<br>TRAFFIC  | 643.0900<br>TRAFFIC  | 643.1000<br>TRAFFIC |               |             |         |          | 643.0100<br>TRAFFIC  |             |
|                             |                  |                |                  |  |  |  |  |                     |               |             |         |          |                      |             |
|                             |                  |                |                  |  |  |  |  |                     |               |             |         |          |                      |             |

PLOT DATE : \_\_\_\_\_ PLOT BY : \_\_\_\_\_

PLOT NAME : \_\_\_\_\_ ORG DATE : \_\_\_\_\_

ORIGINATOR : DIST \_

3

PLOT SCALE : 1:1

|                            |  |  |                                       |  |        |  |   |                           |               | IG ITEMS                                       |   |   |
|----------------------------|--|--|---------------------------------------|--|--------|--|---|---------------------------|---------------|--|---|---|
|                            | LOCA   | <u>TE NO-PASSI</u>                       | ING ZONES                             |  |        |  |   |                           | SAW CUTTIN    | <u>IG ITEMS</u>                                | 690.0150                                  |   |
|                            |  |  |                                       |  |        |  |   |                           |               |  | SAWING                                    |   |
|                            |  |  | 648.01                                | 100  |        |  | PO  |                           | STATION       |  | ASPHALT                                   |   |
|                            |  |  | LOCA                                  | JE   |        |  |   | ORY 0010                  | STATION       | LOCATIO  | N LF                                      |   |
|                            |  |  | NO-PAS                                | SING   |        |  | STH 80 BE   | GIN PROJECT               | 101+38        | -  | 22  |   |
|                            |  |  | ZONE                                  | ES   |        |  | STH 80 EI   | ND PROJECT                | 359+00        | -  | 22  |   |
|                            | ROADWAY  | DISTAN                                   | ICE MI                                |  |        |  | DR  | VEWAY                     | 102+00        | LT   | 24  |   |
|                            | CATEGORY 001                                     | 10                                       |                                       |  |        |  | AIDI  |                           | -             | -  | 24  |   |
|                            | STH 80   | 25,76                                    | 2 4.87                                | ´9   |        |  |   |                           | 173+10        | LI   | 24  |   |
|                            |  |  |                                       |  |        |  | DRYD  |                           | -             | -  | 44<br>22                                  |   |
|                            |  | ΤΟΤΑ                                     | L 4.87                                | ·<br>9   |        |  | DRI   | VEWAY                     | 271+10        | LT   | 24  |   |
|                            |  |  |                                       | •  |        |  | OLD WIS   | CONSIN 80                 | -             | -  | 30  |   |
|                            |  |  |                                       |  |        |  | D S   | TREET                     | -             | -  | 24  |   |
|                            |  |  |                                       |  |        |  |   |                           |               |  |   |   |
|                            |  |  |                                       |  |        |  |   |                           |               | TOTAL  | 260                                       |   |
|                            |  |  |                                       |  |        |  |   |                           |               |  |   |   |
|                            |  | COVER PL4                                | <u>ATES</u>                           |  |        |  |   | LANE                      | DMARK REFEREN | CE MONUMENTS                                   | <u>SPECIAL</u>                            | SPV.0060.02   |
|                            |  | COVER PL4                                | ATES                                  | SPV.0060.01  |        |  |   | LANC                      | DMARK REFEREN | CE MONUMENTS                                   | <u>SPECIAL</u>                            | SPV.0060.02<br>LANDMARK   |
|                            |  | COVER PL/                                | <u>ATES</u>                           | SPV.0060.01<br>COVER PLATES  |        |  |   | LANE                      | DMARK REFEREN | CE MONUMENTS                                   | <u>SPECIAL</u>                            | SPV.0060.02<br>LANDMARK<br>REFERENCE  |
|                            |  | COVER PL4                                | ATES                                  | SPV.0060.01<br>COVER PLATES<br>LEFT IN PLACE                             |        |  |   | LANC                      | DMARK REFEREN | <u>CE MONUMENTS</u>                            | <u>SPECIAL</u>                            | SPV.0060.02<br>LANDMARK<br>REFERENCE<br>MOMUMENTS                                     |
|                            | ROADWAY  | COVER PL/                                | ATES<br>LOCATION                      | SPV.0060.01<br>COVER PLATES<br>LEFT IN PLACE<br>EACH                     |        |  |   | LANC                      | DMARK REFEREN | CE MONUMENTS                                   | <u>SPECIAL</u>                            | SPV.0060.02<br>LANDMARK<br>REFERENCE<br>MOMUMENTS<br>SPECIAL                          |
|                            | ROADWAY<br>TEGORY 0010                           | COVER PL/                                | ATES<br>LOCATION                      | SPV.0060.01<br>COVER PLATES<br>LEFT IN PLACE<br>EACH                     | -      |  | ROADWAY   | <u>LANE</u><br>STATION    | DMARK REFEREN | CE MONUMENTS                                   | SPECIAL<br>E SECTION CORNE                | SPV.0060.02<br>LANDMARK<br>REFERENCE<br>MOMUMENTS<br>SPECIAL<br>R EACH                |
| <br><br>CAT<br>            | ROADWAY<br>TEGORY 0010<br>STH 80 NB              | COVER PL/<br>STATION<br>274+12           | ATES<br>LOCATION                      | SPV.0060.01<br>COVER PLATES<br>LEFT IN PLACE<br>EACH                     | -<br>- |  | ROADWAY<br>CATEGORY 0010                            | LANE<br>STATION           | OFFSET TOV    | CE MONUMENTS                                   | SPECIAL<br>SECTION CORNE                  | SPV.0060.02<br>LANDMARK<br>REFERENCE<br>MOMUMENTS<br>SPECIAL<br>R EACH                |
| <br> <br>  CAT<br> <br>  5 | ROADWAY<br>TEGORY 0010<br>STH 80 NB<br>STH 80 SB | COVER PL/<br>STATION<br>274+12<br>274+12 | ATES<br>LOCATION<br>RT<br>LT          | SPV.0060.01<br>COVER PLATES<br>LEFT IN PLACE<br>EACH<br>1<br>1           | -      |  | ROADWAY<br>CATEGORY 0010<br>STH 80                  | LANE<br>STATION<br>274+12 | OFFSET TOV    | <u>CE MONUMENTS</u><br>VNSHIP RANGI<br>T8N R1E | SPECIAL<br>SECTION CORNE                  | SPV.0060.02<br>LANDMARK<br>REFERENCE<br>MOMUMENTS<br>SPECIAL<br>R EACH                |
|                            | ROADWAY<br>TEGORY 0010<br>STH 80 NB<br>STH 80 SB | COVER PL/<br>STATION<br>274+12<br>274+12 | ATES<br>LOCATION<br>RT<br>LT          | SPV.0060.01<br>COVER PLATES<br>LEFT IN PLACE<br>EACH<br>1<br>1           |        |  | ROADWAY<br>CATEGORY 0010<br>STH 80<br>UNDISTRIBUTED | LANE<br>STATION<br>274+12 | OFFSET TOV    | CE MONUMENTS                                   | SPECIAL<br>E SECTION CORNE<br>10/11/14/15 | SPV.0060.02<br>LANDMARK<br>REFERENCE<br>MOMUMENTS<br>SPECIAL<br>R EACH<br>1<br>2      |
| <br><br>S                  | ROADWAY<br>TEGORY 0010<br>STH 80 NB<br>STH 80 SB | COVER PL/<br>STATION<br>274+12<br>274+12 | ATES<br>LOCATION<br>RT<br>LT<br>TOTAL | SPV.0060.01<br>COVER PLATES<br>LEFT IN PLACE<br>EACH<br>1<br>1<br>1<br>2 | -      |  | ROADWAY<br>CATEGORY 0010<br>STH 80<br>UNDISTRIBUTED | LANE<br>STATION<br>274+12 | OFFSET TOV    | <u>CE MONUMENTS</u><br>VNSHIP RANGI            | SPECIAL<br>E SECTION CORNE<br>10/11/14/15 | SPV.0060.02<br>LANDMARK<br>REFERENCE<br>MOMUMENTS<br>SPECIAL<br>REACH<br>1<br>2<br>3  |
| <br><br><br>               | ROADWAY<br>TEGORY 0010<br>STH 80 NB<br>STH 80 SB | COVER PL/<br>STATION<br>274+12<br>274+12 | ATES<br>LOCATION<br>RT<br>LT<br>TOTAL | SPV.0060.01<br>COVER PLATES<br>LEFT IN PLACE<br>EACH<br>1<br>1<br>2      | -      |  | ROADWAY<br>CATEGORY 0010<br>STH 80<br>UNDISTRIBUTED | LANE<br>STATION<br>274+12 | OFFSET TOV    | CE MONUMENTS                                   | SPECIAL<br>E SECTION CORNE<br>10/11/14/15 | SPV.0060.02<br>LANDMARK<br>REFERENCE<br>MOMUMENTS<br>SPECIAL<br>R EACH<br>1<br>2<br>3 |



PLOT BY : +wa++

|                      |  | A A     |
|----------------------|--|---------|
| STH                  | SUPER DATA<br>EXIST. SE = 2.1%<br>DESIGN SE = 6.0%   | a a a a |
| <u>STH 80</u><br>105 | *00  | 5       |
|                      | a to the second se |         |
|                      | SHEET  | E       |



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PLOT DATE : 2/27/2014

PLOT BY : twatt

PLOT NAME :

PLOT SCALE : 1:100

WISDOT/CADDS SHEET 42



FILE NAME : Y:\Milwaukee\20100S\20174.01\Eng\_Docs\Sheets\050203\_pn.dgn

PLOT BY : twatt



FILE NAME : Y:\Milwaukee\20100S\20174.01\Eng\_Docs\Sheets\050204\_pn.dgn

PLOT BY : twatt

LEGEND XXXXX SAWCUT, MATCH EXISTING PROPOSED MGS GUARDRAIL SUPER DATA EXIST. SE = 7.5% DESIGN SE = 4.9% 155+00 5 CLEARING & GRUBBING STA. 153+00 TO 159+00 RT TO 25'FROM € SHEET Ε



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FILE NAME : Y:\Milwaukee\20100S\20174.01\Eng\_Docs\Sheets\050206\_pn.dgn

PLOT DATE : 2/27/2014

PLOT BY : twatt



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PLOT BY : twatt







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PLOT BY : twatt

PLOT NAME :

PLOT SCALE : 1:100

WISDOT/CADDS SHEET 42



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PLOT BY : twatt

PLOT NAME :

PLOT SCALE : 1:100

WISDOT/CADDS SHEET 42



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PLOT DATE : 2/27/2014

PLOT BY : twatt



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- END RESURFACING STH 80 RAMP



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SHEET

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# Standard Detail Drawing List

| 08E08-03  | TYPICAL INSTALLATIONS OF EROSION BALES / TEMPORARY DITCH CHECKS         |
|-----------|---|
| 08E09-06  | SILT FENCE  |
| 14B42-02A | MIDWEST GUARDRAIL SYSTEM (MGS) GUARDRAIL                                |
| 14B42-02B | MIDWEST GUARDRAIL SYSTEM (MGS) GUARDRAIL                                |
| 14B42-02C | MIDWEST GUARDRAIL SYSTEM (MGS) GUARDRAIL                                |
| 14B44-01A | MIDWEST GUARDRAIL SYSTEM ENERGY ABSORBING TERMINAL (MGS)                |
| 14B44-01B | MIDWEST GUARDRAIL SYSTEM ENERGY ABSORBING TERMINAL (MGS)                |
| 14B44-01C | MIDWEST GUARDRAIL SYSTEM ENERGY ABSORBING TERMINAL (MGS)                |
| 14B45-03A | MIDWEST GUARDRAIL SYSTEM THRIE BEAM TRANSITION (MGS)                    |
| 14B45-03B | MIDWEST GUARDRAIL SYSTEM THRIE BEAM TRANSITION (MGS)                    |
| 14B45-03C | MIDWEST GUARDRAIL SYSTEM THRIE BEAM TRANSITION (MGS)                    |
| 14B45-03D | MIDWEST GUARDRAIL SYSTEM THRIE BEAM TRANSITION (MGS)                    |
| 15C03-02  | BARRICADES AND SIGNS FOR SIDEROAD CLOSURES                              |
| 15CO4-02  | TRAFFIC CONTROL, ADVANCE WARNING SIGNS 45 M. P. H. OR GREATER TWO-WAY U |
| 15C06-06  | SIGNING & MARKING FOR TWO LANE BRIDGES                                  |
| 15C08-16A | PAVEMENT MARKING (MAINLINE)   |
| 15C12-04  | TRAFFIC CONTROL FOR LANE CLOSURE (SUITABLE FOR MOVING OPERATIONS)       |
| 15C19-02A | MOVING PAVEMENT MARKING OPERATION TWO-LANE TWO-WAY ROADWAY              |
| 15C33-01  | STOP LINE AND CROSSWALK PAVEMENT MARKING                                |

UNDIVIDED ROAD OPEN TO TRAFFIC



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## **GENERAL NOTES**

DETAILS OF CONSTRUCTION NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND APPLICABLE SPECIAL PROVISIONS.

- $\textcircled{\sc 1}$  horizontal brace required with 2" x 4" wooden frame or equivalent at top of posts.
- (2) FOR MANUAL INSTALLATIONS THE TRENCH SHALL BE A MINIMUM OF 4" WIDE & 6" DEEP TO BURY AND ANCHOR THE GEOTEXTILE FABRIC. FOLD MATERIAL TO FIT TRENCH AND BACKFILL & COMPACT TRENCH WITH EXCAVATED SOIL.
- (3) WOOD POSTS SHALL BE A MINIMUM SIZE OF  $1/_8$ " X  $1/_8$ " OF OAK OR HICKORY.
- (4) SILT FENCE TO EXTEND ACROSS THE TOP OF THE PIPE.
- (5) CONSTRUCT SILT FENCE FROM A CONTINUOUS ROLL IF POSSIBLE BY CUTTING LENGTHS TO AVOID JOINTS. IF A JOINT IS NECESSARY USE ONE OF THE FOLLOWING TWO METHODS; A) OVERLAP THE END POSTS AND TWIST, OR ROTATE, AT LEAST 180 DEGREES, B) HOOK THE END OF EACH SILT FENCE LENGTH.







(WHEN REQUIRED BY THE ENGINEER)



# **GENERAL NOTES**

- (1) WOOD OR STEEL POSTS (w6X9 OR w6X8.5) MAY BE USED. DO NOT INTERMIX WOOD AND STEEL POSTS. INSTALL STEEL POSTS WITH HOLES ON APPROACHING TRAFFIC SIDE.
- (2) USE WOOD OR APPROVED PLASTIC BLOCKOUTS. WOOD BLOCKOUTS MAY BE CONSTRUCTED OUT OF TWO OR MORE WOOD BLOCKOUTS. SEE ALTERNATE WOOD BLOCKOUT DETAIL. DIMENSIONS OF APPROVED PLASTIC BLOCKOUTS MAY VARY.
- (3) IF ROCK IS ENCOUNTERED DURING EXCAVATION, PROVIDE A HOLE 12 INCHES IN DIAMETER EXTENDING 20 INCHES DEEP INTO THE ROCK. PLACE APPROXIMATELY 21/2INCHES OF GRANULAR MATERIAL IN THE BOTTOM OF THE HOLE. CUT THE POSTS THE TO LENGTH AMD INSTALL. BACKFILL WITH EXCAVATED MATERIAL AND COMPACT. BACKFILL IS TO BE FREE OF LARGE ROCKS.
- (4) WHEN THE DISTANCE FROM BACK OF POST TO SHOULDER HINGE POINT IS LESS THAN 2 FEET INSTALL LONGER POST AT HALF POST SPACING (K).
- (5) FOR NEW MGS INSTALLATION TOP OF W-BEAM RAIL TOLERANCE IS  $\pm$  1". FOR EXISTING MGS INSTALLATION TOP OF W-BEAM IS BETWEEN 2734" TO 32".



LOCATED ALONG A ROADWAY SHOULDER STANDARD INSTALLATION



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9 H GENERIC GROUND STRUT ┍ᆃ∞ \_CABLE RELEASE PLATE HOLE CABLE ASSEMBLY-< ধ FRONT VIEW SECTION A-A PLAN VIEW SECTION B-B

GENERIC ANCHOR CABLE BOX (8) (+)

6

PART

# BILL OF MATERIALS

| DESCRIPTION  |
|--|
| MATERIALS PROVIDED BY MGS EAT MANUFACTURER.<br>SEE MANUFACTURER'S DETAILS FOR MORE INFORMATION.              |
| WOOD BREAKAWAY POST  |
| 6" X 8" X 0.188", 6'-0" LONG FOUNDATION TUBE<br>AT POSTS 1 AND 2   |
| WOOD CRT   |
| WOOD BLOCKOUT  |
| PIPE SLEEVE  |
| BEARING PLATE  |
| BCT CABLE ASSEMBLY   |
| ANCHOR CABLE BOX   |
| GROUND STRUT   |
| PERFORATED W-BEAM RAIL END PANEL, 12'-6" LONG.   |
| STANDARD W-BEAM RAIL.MULTIPLE SECTIONS REQUIRED.<br>SECTIONS VARY IN LENGTH.                                 |
| END SECTION EAT  |
| 0.040" ALUMINUM SHEET WITH REFLECTIVE SHEETING TYPE H<br>(ONLY THE SHEETING IS SUPPLIED BY THE MANUFACTURER) |
| EAT MARKER POST - YELLOW<br>(SEE APPROVED PRODUCTS LIST)   |



BEARING PLATE

### MIDWEST GUARDRAIL SYSTEM ENERGY ABSORBING TERMINAL (MGS)

STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION 6

S.D.D. 14 B 44-1b



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### MIDWEST GUARDRAIL SYSTEM THRIE BEAM TRANSITION (MGS)

STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION

/S/ Jerry H.Zogg ROADWAY STANDARDS DEVELOPMENT ENGINEER

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### **GENERAL NOTES**

THE EXACT NUMBER, LOCATION, AND SPACING OF ALL SIGNS AND BARRICADES SHALL BE ADJUSTED TO FIT FIELD CONDITIONS AS APPROVED BY THE ENGINEER.

ANY SIGNS TEMPORARY OR EXISTING, WHICH CONFLICT WITH TRAFFIC CONTROL "IN USE" SHALL BE REMOVED OR COVERED AS NEEDED AND AS APPROVED BY THE ENGINEER.

THE SPACING BETWEEN TRAFFIC CONTROL SIGNS SHOULD BE ADJUSTED TO NOT CONFLICT WITH AND SHOULD PROVIDE A DESIRABLE MINIMUM OF 200 FEET CLEARANCE TO EXISTING SIGNS THAT WILL REMAIN IN PLACE. IF A "STOP" SIGN MUST BE REMOVED FOR A WORK OPERATION, A TEMPORARY "STOP" SIGN SHALL BE PLACED PRIOR TO THE SIGN REMOVAL, OR A FLAGGER SHALL BE PROVIDED UNTIL THE SIGN IS

RE-ESTABLISHED.

BARRICADES THAT MUST BE MOVED FOR A WORK OPERATION SHALL BE IMMEDIATELY RE-ESTABLISHED UPON COMPLETION OF THE OPERATION OR, FOR CONTINUING OPERATIONS, AT THE END OF EACH WORKING DAY. SIGNS THAT WILL BE IN PLACE LESS THAN 7 CONTINUOUS DAYS AND NIGHTS MAY BE MOUNTED ON PORTABLE SUPPORTS.

ALL TYPE III BARRICADES SHALL HAVE RAILS REFLECTORIZED ON BOTH FACES. STRIPES SHALL BE PROPERLY SLOPED DOWN TOWARD THE TRAFFIC SIDE OR AS SHOWN IN THE ROAD CLOSURE BARRICADE DETAIL D FOR FULL ROAD CLOSURES.

TYPE "A" LOW-INTENSITY FLASHING WARNING LIGHTS SHALL BE VISIBLE ON BOTH SIDES OF THE BARRICADE.

THE R11-2, R11-3 AND R11-4 SIGNS PLACED ON BARRICADES SHALL COVER NO MORE THAN THE TOP RAIL. THE SIGNS SHALL NOT COVER ANY PORTION OF THE MIDDLE OR BOTTOM RAILS.

ALL SIGNS SHALL BE 48" X 48" UNLESS OTHERWISE NOTED BELOW: R11-2 SHALL BE 48" X 30". R11-4 AND R11-3 SHALL BE 60" X 30".

\*OMIT THE "ROAD CLOSED 500 FT." SIGN IF THE LAST INTERSECTION IS 500 FT. OR LESS FROM THE WORK ZONE.

\*\*500'MAX. OR AT LAST INTERSECTION WHICHEVER IS CLOSER.

### LEGEND

SIGN ON PERMANENT SUPPORT

TYPE III BARRICADE

TYPE III BARRICADE WITH ATTACHED SIGN

(A) TYPE "A" WARNING LIGHT (FLASHING)

WORK AREA

**BARRICADES AND SIGNS** FOR SIDEROAD CLOSURES

STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION

APPROVED 8/2013

FHWA

/S/ Travis Feltes DATE STATE TRAFFIC ENGINEER OF DESIGN

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TYPICAL SIDEROAD APPROACH WARNING SIGN DETAIL



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### LEGEND



SIGN ON PERMANENT SUPPORT



DIRECTION OF TRAFFIC



WORK AREA

TRAFFIC CONTROL, ADVANCE WARNING SIGNS 45 M.P.H. OR GREATER TWO-WAY UNDIVIDED ROAD OPEN TO TRAFFIC STATE OF WISCONSIN

STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION

APPROVED 8/2013 /S/ Travis Feites DATE STATE TRAFFIC ENGINEER OF DESIGN FHWA D.D. 15 C 4

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## **GENERAL NOTES**

VEHICLES SHALL BE EQUIPPED WITH REAR FACING TYPE B OR C FLASHING ARROW PANEL OPERATING IN CAUTION MODE. SIGNS PLACED ON VEHICLES MUST NOT OBSCURE THE ARROW PANEL.

AIN

ARE USED.

MAY BE USED. DISTANCE BETWEEN VEHICLES MAY VARY ACCORDING TO TERRAIN, SIGHT DISTANCE, PAINT DRYING TIME, AND OTHER FACTORS. WHENEVER ADEQUATE STOPPING SIGHT DISTANCE EXISTS TO THE REAR, SHADOW VEHICLES SHOULD MAINTAIN THE MINIMUM DISTANCE FROM THE WORK VEHICLE AND PROCEED AT THE SAME SPEED AS THE WORK VEHICLE. SHADOW VEHICLES SHOULD SLOW DOWN IN ADVANCE OF VERTICAL OR HORIZONTAL CURVES THAT RESTRICT SIGHT DISTANCE.

ARE NOT REQUIRED.

CONVOY AHEAD 0R ROAD  $\bullet$ WORK AHEAD • 2 2 (2) (REAR FACING) (REAR 'FACING) (REAR FACING) (2) 2 (OPTIONAL) (FRONT FACING) (FRONT FACING) ∃ ④ SHOULDER -cones (1) 3  $\leq \square$  $\leq$ vзk v 0 100' TYPICAL  $\Rightarrow$  $\Rightarrow$ (4) = SHOULDER DISTANCE TO PROVIDE TRACK-FREE LINE ΔΙΝ CONVO \ HE A

# **MOVING PAVEMENT MARKING OPERATIONS** TWO-LANE TWO-WAY ROADWAY

D D 15 C 19 2a

S

ROAD WORK

**\HEA** 

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ALL VEHICLES SHALL BE EQUIPPED WITH TWO 360 DEGREE HIGH INTENSITY YELLOW FLASHING LIGHTS OR STROBE LIGHTS AND OPERATED WITH HEADLIGHTS TURNED ON.

ALL SIGNS ARE 48" X 48" UNLESS OTHERWISE SPECIFIED.

IF SPEED LIMIT IS 40 MPH OR LESS STATIONARY SIGNS MAY BE OMITTED IF CONES

ALTERNATE SIGN MESSAGES, SUCH AS "PAINT CREW AHEAD" OR "ROAD PAINTING AHEAD"

THE WORK AND SHADOW VEHICLES SHOULD PULL OVER PERIODICALLY TO ALLOW TRAFFIC TO PASS.

THIS DRAWING SHALL BE USED FOR CENTERLINE OR EDGELINE MARKING.

WHEN NO WORK ACTIVITY IS TAKING PLACE, REMOVE OR TURN THE STATIONARY WARNING SIGNS AWAY FROM TRAFFIC.

(1) CONES MAY BE OMITTED ON PAINTED LINE IF APPROVED BY THE ENGINEER. CONSIDER PAVEMENT MARKING DRY OR CURE TIMES AND TRAFFIC VOLUME.

(2) USE STANDARD SIGN W21-64 WITH APPROPRIATE ARROW.



(3) OPTIONAL TRUCK-MOUNTED ATTENUATOR.

(4) SIGNS SHALL BE REPEATED APPROXIMATELY EVERY THREE MILES.

(5) IF CONSTRUCTION WORK ZONE SIGNS ARE IN PLACE, W20-1 OR W21-63

### LEGEND

|        | V 1 | LEAD VEHICLE   |       |
|--------|-----|--|-------|
|        | V 2 | SHADOW VEHICLE   |       |
|        | V 3 | TRAIL VEHICLE WITH TMA   |       |
| $\Box$ | ТМА | TRUCK-MOUNTED ATTENUATOR   |       |
|        | F   | SIGN ON TEMPORARY SUPPORT  |       |
|        |     | DIRECTION OF TRAFFIC   |       |
|        | ο   | CONES  |       |
| •      | •   | FLASHING ARROW PANEL (CAUTION)   |       |
|        |     | MOVING PAVEMENT MARKING<br>OPERATION<br>TWO-LANE TWO-WAY ROADWAY                     | 19-2a |
|        |     | STATE OF WISCONSIN<br>DEPARTMENT OF TRANSPORTATION                                   | 15 C  |
|        |     | APPROVED<br><u>5/3/2013</u> /S/ Travis Feites<br>DATE STATE TRAFFIC ENGINEER<br>FHWA |       |





2. Color:



7



| PROJECT NO: 5939-00-61                              | HWY:STH 80 | COUNTY: IOWA               | PERMANENT SIGNING    |             |
|---|------------|----------------------------|----------------------|-------------|
| FILE NAME : C:\CAEFiles\Projects\tr_d1\1251A114.dgn |            | PLOT DATE : 08-JAN-2014 09 | :18 PLOT BY : mscsja | PLOT NAME : |

## NOTES

1. All Signs Type II - Type H Reflective

Background - GREEN Message - WHITE 3. Message Series - E

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## TYPICAL ASSEMBLIES

END

North

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<u>U.U</u>

J1-2

J2-2

EASI

INTERSTATE

WEST

INTERSTATE





J2-1

J3-1

J4-1

FRONTAGE

ROAD

 $\neg$ 

J12-1





TO

Easi

INTERSTATE

J32-1

J4-2









END

COUNTY

EAST

WES

<u>. J. L.</u>

J1-3

North

J2-3

South

J3-3

S.

WESI

INTERSTATI

EAST

INTERSTATE

(Typical Vertical J-Assembly See Note 10 and 11)



### NOTES

### 2. Color:

- Background Black Non-reflective Message - see Note 5
- 3. Message Series See Note 5
- material is metal the corners shall be rounded.
- marker shall be blue.
- use multiple piece component.
- the joint shall be between route shields.
- shall be between route shields.
- 10. All Vertical J Assemblies are given a Sign Code of JV



FILE NAME : C:\CAEFiles\Projects\tr\_stdplate\A21S.DGN

COUNTY

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J13-1

PROJECT NO:

1. Signs are Type II - Type H Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.

4. Corners shall be square or rounded if base material is plywood. If base

5. The colors and message spacing on each marker shall be according to the applicable route marker panel specifications.

6. Certain marker heads require the component pieces to be the same color. As an example, all the components used with an M1-1 Interstate

7. Single panel j-assemblies shall only be used with route marker shields that are same size. If the route marker shields are different size

8. Route assemblies that have 24 inch route shields and have dimensions areater than 48 inches (both vertical and horizontal) shall have one horizontal splice between the arrows and route shields. Vertical splices shall not be used on route assemblies with a horizontal dimension of 144 inches or less. The contractor shall not use more than one vertical joint per sign and

9. Route assemblies that have 36 inch shields and have dimensions greater than 48 inchs (both vertical and horizontal) shall have two horizontal splices. One horizontal splice shall be between the cardinal direction and route shields and the other horizontal splice shall be between the arrows and route shields. Vertical splices shall not be used on route assemblies with a horizontal dimension of 144 or less. The contractor shall not use more than one vertical joint per sign and the joint

11. For JV Assemblies that have a mixture of Interstate and non Interstate shields, arrows and cardinals shall be white on blue.

|        |  | L |
|--------|--|---|
| ST     |  |   |
|        |  |   |
|        | white  | ŀ |
|        |  |   |
| -<br>- | black background                                       |   |
| ∺>     | ROUTE MARKERS & COMPONENTS                             |   |
|        | IN TYPICAL ASSEMBLIES                                  |   |
|        | WISCONSIN DEPT OF TRANSPORTATION                       |   |
|        | APPROVED Matther & Rauch<br>For state Traffic Engineer |   |
|        | DATE 2/06/14 PLATE NO. 42-15.8                         |   |
|        | SHEET NO:  |   |
|        |  | _ |



FILE NAME : C:\Users\Projects\tr\_stdplate\A411.DGN

# GENERAL NOTES

1. All 4 x 6 Wood Posts shall be modified by having two  $1\frac{1}{2}$ " diameter holes drilled perpendicular to the roadway centerline.

|          | 4                                | Хe       | ô         | WOO      | DF    | POST           |      |  |  |  |
|----------|----------------------------------|----------|-----------|----------|-------|----------------|------|--|--|--|
|          |                                  | MOD      | IF        | FICA     | TI    | SNC            |      |  |  |  |
|          | WISCONSIN DEPT OF TRANSPORTATION |          |           |          |       |                |      |  |  |  |
|          | APPROVE                          | D        |           | hester . | Γέ    | Spang          |      |  |  |  |
|          | for State Traffic Engineer       |          |           |          |       |                |      |  |  |  |
|          | DATE 3                           | /27/9    | <u>17</u> | PLA      | TE NO | <u>A4-11.2</u> | 2    |  |  |  |
|          |                                  |          | 9         | SHEET    | N0:   |                | Ε    |  |  |  |
| OT SCALE | E:6.20 <b>7</b> 33               | 8:1.0000 | 000       | WISD     | от/с  | ADDS SHEE      | т 42 |  |  |  |



| PROJECT NO:  | HWY: | COUNTY: |                               |                   |             |
|--|------|---------|-------------------------------|-------------------|-------------|
| FILE NAME : C:\CAEfiles\Projects\tr_stdplate\A43.DGN |      |         | PLOT DATE : 30-SEP-2013 13:25 | PLOT BY : msc j9h | PLOT NAME : |

GENERAL NOTES

1. Signs wider than 4 feet, 20 sq.ft or larger, shall be mounted on multiple posts. Refer to plate A4-4. 2. If signs are mounted on barrier wall, see 3. For expressways and freeways, mounting height is 7'- 3" (+) or 6'-3" (+) depending upon existence 4. Minimum mounting height for J assemblies (A4-5) is  $7'-3''(\pm)$  or  $6'-3''(\pm)$ per urban or rural detail respectively. 5. Minimum mounting height for signs mounted on traffic signal poles is 5' - 3" (+). 6. Offset distance shall be consistent with existing signs or consistent throughout length of project. 7. The (+) tolerance for mounting height is 3 inches. 8. Folding stop signs (R1-1F) shall be mounted at a height of 5'-3" (+) or as directed by the Engineer. 9. The Double Arrow sign (W12-1) shall be mounted at a height of 2'-3''(+). The Chevron sign (W1-8), Roundabout Chevron panel (R6-4B), Enhanced Reference Markers, Clearance Markers (W5-52), Mile Markers (D10 series) & End of Rod Markers (W5-56 & W5-56A) shall be mounted at a height of 4'-3''(+). 7 D (Min) 4' TYPICAL INSTALLATION 5' OF PERMANENT TYPE II SIGNS ON SINGLE POSTS WISCONSIN DEPT OF TRANSPORTATION APPROVED Matther R RAUN for State Traffic Engineer DATE 9/30/13 SHEET NO: PLOT SCALE : 99.237937:1.000000 WISDOT/CADDS SHEET 42





| PROJECT NO:   | HWY: | COUNTY:                    |                      |             |
|---|------|----------------------------|----------------------|-------------|
| FILE NAME : C:\CAEFiles\Projects\tr_stdplate\A43B.DGN |      | PLOT DATE : 27-JAN-2014 09 | :48 PLOT BY : mscsja | PLOT NAME : |

DATE <u>1/27/14</u>

SHEET NO:

PLATE NO. <u>A4-3B.1</u>

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FILE NAME : C:\CAEfiles\Projects\tr\_stdplate\A44.DGN

PLOT DATE : 30-SEP-2013 13:27

PLOT BY : mscj9h PLOT NAME :

GENERAL NOTES

- 1. For 3 or 4 post installations, individual post spacing shall be greater than 3'-6".
- 2. See tables below for required number of posts.
- 3.For expressways and freeways, mounting height is 7'-3" (±) or 6'-3" (±) depending upon existence of sub-sign.
- 4. The (±) tolerance for mounting height is 3 inches.
- 5. Minimum mounting height for J assemblies (A4-5) is 7'-3" (±) or 6'-3" (±) per urban or rural detail respectively.
- 6. Offset distance shall be consistent with existing signs or consistent throughout length of project.
- 7. Folding stop signs (R1-1F) shall be mounted at a height of 5'-3" (±) or as directed by the engineer.
- 8. The Double Arrow sign (W12-1) shall be mounted at a height of 2'-3" (±). The Chevron sign (W1-8), Roundabout Chevron panel (R6-4B), Clearance Markers (W5-52), Mile Markers (D10 series) & End of Road Markers (W5-56 & W5-56A) shall be mounted at a height of 4"-3" (±).

\* 6 feet from edge of a paved shoulder or 12 feet from the edge of pavement (edge line location) or 2 feet from outside edge of gravel, whichever is greater unless directed by project engineer.

\*\* The existence of curb and gutter does not in itself mandate the vertical clearance illustrated. That height is typically measured where there is sidewalk adjacent to the roadway or parking is permitted. In the absence of sidewalk vertical clearance is measured from the top of the curb. Offset of signs is measured from the flow line.

\*\*\* See A4-3 sign plate for signs 4' or less in width or 20 S.F. or less in area.

| РТН  | TYPICAL INSTALLATION                         |
|------|--|
| D    | ON MULTIPLE POSTS                            |
| /in) | WISCONSIN DEPT OF TRANSPORTATION             |
| 4'   | APPROVED Matthew & Rauch                     |
| 5'   | For State Traffic Engineer                   |
|      | DATE <u>9/30/13</u> PLATE NO. <u>A4-4.12</u> |
|      | SHEET NO: E                                  |



FILE NAME : C:\Users\PROJECTS\tr\_stdplate\A48.DGN

Nuts, bolts and lags used for mounting signs shall have hexagonal heads and shall be either : a. Hot dip galvanized in accordance with ASTM Designation: A 153, Class D, or SC 3 b. Electro-galvanized in accordance with ASTM Designation : B 633, TYPE III, SC 3. Threads on bolts and nuts shall be manufactured with sufficient allowance for the cadmium plate or galvanized coating to permit the nuts to run freely

RIVETS -  $\frac{9}{2}$  " (6605-9-6) BULB-TITE, TRI-FOLD, ALUMINUM BODY/MANDREL O.D. FLANGE .720-.765 INCH, GRIP RANGE .042-.375 INCH

| -  | ATTACHMENT OF SIGNS                         |
|----|---|
| t  | TO POSTS                                    |
| ∩, | WISCONSIN DEPT OF TRANSPORTATION            |
|    | APPROVED Matthew & Rauch                    |
|    | for State Traffic Engineer                  |
|    | DATE <u>3/23/10</u> PLATE NO. <u>44-8.7</u> |
|    | SHEET NO: E                                 |
|    |   |

WISDOT/CADDS SHEET 42



FILE NAME : C:\CAEFiles\Projects\tr\_stdplate\A59.DGN

WISDOT/CADDS SHEET 42













| SIZE   | Α   | В | С     | D | E | F  | G    | н     | I     | J        | ĸ         | L         | м      | N      | 0         | P     | 0 | R        | S   | Т | U | v | W | x | Y |
|--------|---|---|-------|---|---|----|------|-------|-------|----------|-----------|-----------|--------|--------|-----------|-------|---|----------|-----|---|---|---|---|---|---|
| 1      |   |   |       |   |   |    |      |       |       |          |           |           |        |        |           |       |   |          |     |   |   |   |   |   |   |
| 2      | 24  |   | 1 1/2 |   |   | 10 | 3    | 5 1/8 | 4 1/8 | 9 1⁄4    | 9 5/8     | 2         | 11 1/2 | 10 1⁄8 | 9 3/8     | 2 1/4 |   | 6 5/8    |     |   |   |   |   |   |   |
| 3      | 36  |   | 2 1/4 |   |   | 16 | 4    | 7 5/8 | 5 5/8 | 12 1⁄4   | 12 7/8    | 3         | 17 1/8 | 15 1/4 | 14        | 3 3/8 |   | 10       |     |   |   |   |   |   |   |
| 4      | 36  |   | 2 1/4 |   |   | 16 | 4    | 7 5/8 | 5 5/8 | 12 1⁄4   | 12 7/8    | 3         | 17 1/8 | 15 1/4 | 14        | 3 3/8 |   | 10       |     |   |   |   |   |   |   |
| 5      | 36  |   | 2 1/4 |   |   | 16 | 4    | 7 5/8 | 5 5/8 | 12 1⁄4   | 12 7/8    | 3         | 17 1/8 | 15 1⁄4 | 14        | 3 3/8 |   | 10       |     |   |   |   |   |   |   |
| PRC    | PROJECT NO: HWY:                                  |   |       |   |   |    | COUN | TY:   |       |          |           |           |        |        |           |       |   |          |     |   |   |   |   |   |   |
| FILE N | ILE NAME : C:\Users\PROJECTS\tr_stdplate\M15A.DGN |   |       |   |   |    |      |       |       | PLOT DAT | E : 29-SE | P-2011 11 | :25    | PLOT   | BY : mscs | sja   | F | LOT NAME | E : |   |   |   |   |   |   |

C:\Users\PROJECTS\tr\_stdplate\M15A.DC

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PLOT DATE : 29-SEP-2011 11:25

### NOTES

1. Sign is Type II - see Note 7 - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition. Background - White & Black - See Note 7 Message - Black 3. Message Series - see Note 5 4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded. 5. Message Series E for 1 letter. Message Series D for 2 letters unless message is too big then Series C. Message Series C for 3 letters unless message is too big then Series B. 6. Substitute appropriate letters & optically center to achieve proper balance. 7. Permanent Signs Background - Type H Reflective Detour or temporary Signs Background - Reflective

| Z | Areo<br>sq. ft. |            | CTH N      | MARKER           |         |
|---|-----------------|------------|------------|------------------|---------|
|   |                 | M1-5       | A FOR      | ASSEMBLIE        | S       |
|   | 4.0             | WISCON     | SIN DEPT C | OF TRANSPORTATIC | w       |
|   | 9.0             | APPROVED   | M          | 1 0 0            | /       |
|   | 9.0             |            | _/latt     | her R Race       | <u></u> |
|   | 9.0             | DATE 9/2   | 7/11       | PLATE NO. MI-5A  | .8      |
|   |                 |            | SHEET      | N0 <b>:</b>      | E       |
|   |                 | 47.1 00000 |            |                  |         |



FILE NAME : C:\Users\Projects\tr\_stdplate\M16.DGN

PLOT NAME :

WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition. Background - White & Black - See Note 6 4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded. 5. Substitute appropriate Series numerals and adjust spacing as per plate A10-1. Background - Type H Reflective

| Z | Area<br>sq. ft. | Area<br>m2 | STATE ROUTE MARKER<br>M1-6 FOR ASSEMBLIES |
|---|-----------------|------------|---|
|   | 4.0             | .36        | WISCONSIN DEPT OF TRANSPORTATION          |
|   | 9.0             | .81        | APPROVED Charter J Space                  |
|   | 9.0             | .81        | for State Traffic Engineer                |
|   | 9.0             | .81        | DATE 3/20/02 PLATE NO. M1-6.9             |
|   |                 |            | SHEET NO: E                               |

PLOT DATE : 13-0CT-2005 14:55



## NOTES

| STRUCTURE CONSTRUCTION latest edition.         r:       bckground - See note 5         bcsgage - See note 5         sage Series - C         hers may be square or rounded when base         erial is plywood but borders shall be rounded         background - White - Type H Reflective         (Detour or temporary Signs - Reflective)         Message - White - Type H Reflective         (Detour or temporary Signs - Reflective)         Message - White - Type H Reflective         (Detour or temporary Signs - Reflective)         Message - White - Type H Reflective         1 Background - Green         Message - White - Type H Reflective         1 Background - Brown         Message - White - Type H Reflective         1 Background - Brown         Message - Yellow - Type H Reflective         1 Background - Brown         Message - Yellow - Type H Reflective         1 Background - Brown         Message - Yellow - Type H Reflective         1 Background - Brown         Message - Yellow - Type H Reflective         1 Background - Brown         Message - Yellow - Type H Reflective         1 Background - Brown         Message - Yellow - Type H Reflective         1 Background - Brown         Message - Yellow - Type H Reflective <th>n is Type<br/>DOT Sto</th> <th>II - S<br/>Indard</th> <th>See Note 5<br/>Specificatio</th> <th>- reference<br/>on for HIGHWAY</th> <th></th>   | n is Type<br>DOT Sto                           | II - S<br>Indard                     | See Note 5<br>Specificatio                            | - reference<br>on for HIGHWAY                                       |            |  |  |  |  |  |
|--|--|--------------------------------------|---|---|------------|--|--|--|--|--|
| r:<br>bockground - See note 5<br>sage Series - C<br>mers may be square or rounded when base<br>erial is plywood but borders shall be rounded<br>shown. When base material is metal, the<br>mers and borders shall be rounded.<br>1 Background - White - Type H Reflective<br>(Detour or temporary Signs - Reflective)<br>Message - White - Type H Reflective<br>(Detour or temporary Signs - Reflective)<br>-1 Background - Green<br>Message - White - Type H Reflective<br>-1 Background - Green<br>Message - White - Type H Reflective<br>-1 Background - Green<br>Message - White - Type H Reflective<br>-1 Background - Green<br>Message - White - Type H Reflective<br>-1 Background - Brown<br>Message - Yellow - Type H Reflective<br>1 Background - Brown<br>Message - Yellow - Type H Reflective<br>1 Background - Brown<br>Message - Yellow - Type H Reflective<br>1 Background - Brown<br>Message - Yellow - Type H Reflective<br>1 Background - Brown<br>Message - Yellow - Type H Reflective<br>1 Background - Brown<br>Message - Yellow - Type H Reflective<br>1 Background - Brown<br>Message - Yellow - Type H Reflective<br>1 Background - Brown<br>Message - Yellow - Type H Reflective<br>1 Background - Brown<br>Message - Yellow - Type H Reflective<br>1 Background - Brown<br>Message - Yellow - Type H Reflective<br>1 Background - Brown<br>Message - Yellow - Type H Reflective<br>1 Background - Brown<br>Message - Yellow - Type H Reflective<br>1 Background - Brown<br>Message - Yellow - Type H Reflective<br>1 Background - Brown<br>Message - Yellow - Type H Reflective<br>1 Background - Brown<br>Message - Yellow - Type H Reflective<br>1 Background - Brown<br>Message - Yellow - Type H Reflective<br>1 Background - Brown<br>Message - Yellow - Type H Reflective<br>1 Background - Brown<br>Message - Yellow - Type H Reflective<br>1 Background - Brown<br>Message - Yellow - Type H Reflective<br>1 Background - Brown<br>Message - Yellow - Type - Method - Brown<br>Message - Yellow - Type - Method - Brown<br>1 Background - Brown<br>1 Backgro         | STRUCTURE CONSTRUCTION latest edition.         |                                      |   |   |            |  |  |  |  |  |
| Z       Argentine       Standard         Z       Argentine       Standard         Z       4.40       0.20         Z       4.40       0.20    Standard   | r:   |                                      | . –   |   |            |  |  |  |  |  |
| Sage Series - C         sage Series - C         ners may be square or rounded when base         erid is plywood but borders shall be rounded         shown. When base material is metal, the         ners and borders shall be rounded.         1 Background - White - Type H Reflective         (Detour or temporary Signs - Reflective)         Message - Black         -1 Background - Blue         Message - White - Type H Reflective         (Detour or temporary Signs - Reflective)         -1 Background - Green         Message - White - Type H Reflective         -1 Background - Green         Message - White - Type H Reflective         -1 Background - Brown         Message - White - Type H Reflective         -1 Background - Brown         Message - Yellow - Type H Reflective         -1 Background - Brown         Message - Yellow - Type H Reflective         -1 Background - Brown         Message - Yellow - Type H Reflective         -1 Background - Brown         Message - Yellow - Type H Reflective         -1 Background - Brown         Message - Yellow - Type H Reflective         -1 Background - Brown         Message - Yellow - Type H Reflective         -2 2.20 0.20         /2 4.40 0.20  | ickgroun<br>essage                             | d - See<br>- See r                   | e note 5<br>note 5                                    |   |            |  |  |  |  |  |
| Arren       Arren       Arren         Z       4.40       0.20         Z       4.40       0.20  | saae Ser                                       | ies - C                              |   |   |            |  |  |  |  |  |
| I Background - White - Type H Reflective<br>(Detour or temporary Signs - Reflective)<br>Message - Black         -1 Background - Blue<br>Message - White - Type H Reflective<br>(Detour or temporary Signs - Reflective)         -1 Background - Green<br>Message - White - Type H Reflective         -1 Background - Green<br>Message - White - Type H Reflective         -1 Background - Green         Message - White - Type H Reflective         -1 Background - Brown<br>Message - Green         -1 Background - Brown<br>Message - White - Type H Reflective         -1 Background - Brown<br>Message - Yellow - Type H Reflective         -1 Background - Brown<br>Message - Yellow - Type H Reflective         -1 Background - Brown<br>Message - Yellow - Type H Reflective         -1 Wisconsin DEPT OF TRANSPORTATION         -2 2.20 0.20<br>/2 4.40 0.20<br>/2 4.40 0.20         -2 4.40 0.20<br>/2 4.40 0.20         -1 Mitter Frontic Engineer   | ners may<br>erialis p<br>shown. Wi<br>ners and | be so<br>blywood<br>hen ba:<br>borde | uare or ro<br>but borde<br>se material<br>rs shall be | unded when base<br>rs shall be roundec<br>is metal, the<br>rounded. | I          |  |  |  |  |  |
| -1 Background - Blue<br>Message - White - Type H Reflective<br>(Detour or temporary Signs - Reflective)         -1 Background - Green<br>Message - White - Type H Reflective         -1 Background - White - Type H Reflective         -1 Background - White - Type H Reflective         -1 Background - Brown<br>Message - White - Type H Reflective         -1 Background - Brown<br>Message - White - Type H Reflective         -1 Background - Brown<br>Message - Yellow - Type H Reflective         -1 Background - Brown<br>Message - Yellow - Type H Reflective         -2 Background - Brown<br>Message - Yellow - Type H Reflective         -1 Background - Brown<br>Message - Yellow - Type H Reflective         -1 Background - Brown<br>Message - Yellow - Type H Reflective         -1 Background - Brown<br>Message - Yellow - Type H Reflective         -1 Background - Brown<br>Message - Yellow - Type H Reflective         -1 Background - Brown<br>Message - Yellow - Type H Reflective         -1 Background - Brown<br>Message - Yellow - Type H Reflective         -1 Background - Brown<br>Message - Yellow - Type H Reflective         -2 2.20 0.20<br>/2 4.40 0.20<br>/2 4.40 0.20         -2 4.40 0.20<br>/2 4.40 0.20         -2 4.40 0.20         -2 4.40 0.20         -2 4.40 0.20         -2 4.40 0.20   | Backgr<br>(De<br>Messag                        | ound -<br>etour c<br>e - Bl          | White - Ty<br>or temporar<br>ack                      | ype H Reflective<br>y Signs - Reflectiv                             | e)         |  |  |  |  |  |
| Message - White - Type H Reflective<br>(Detour or temporary Signs - Reflective)         -1 Background - Green<br>Message - White - Type H Reflective         -1 Background - White - Type H Reflective<br>Message - Green         -1 Background - Brown<br>Message - White - Type H Reflective         -1 Background - Brown<br>Message - Yellow - Type H Reflective         -1 Background - Brown<br>Message - Yellow - Type H Reflective         -1 Background - Brown<br>Message - Yellow - Type H Reflective         -1 Background - Brown<br>Message - Yellow - Type H Reflective         -1 Background - Brown<br>Message - Yellow - Type H Reflective         -1 Background - Brown<br>Message - Yellow - Type H Reflective         -1 Background - Brown<br>Message - Yellow - Type H Reflective         -1 Background - Brown<br>Message - Yellow - Type H Reflective         -1 Background - Brown<br>Message - Yellow - Type H Reflective         -1 Background - Brown<br>Message - Yellow - Type H Reflective         -1 Background - Brown<br>Message - Yellow - Type H Reflective         -1 Background - Brown<br>Message - Yellow - Type H Reflective         -2 Auto 0.20<br>/2 4.40 0.20<br>/2 4.40 0.20         -1 Misconsin Dept of TRANSPORTATION<br>For State Traffic Engineer  | -1 Backgr                                      | -ound -                              | Blue  |   |            |  |  |  |  |  |
| -1       Background - Green         Message - White - Type H Reflective         -1       Background - White - Type H Reflective         -1       Background - Brown         Message - White - Type H Reflective         -1       Background - Brown         Message - White - Type H Reflective         -1       Background - Brown         Message - Yellow - Type H Reflective         -1       Background - Brown         Message - Yellow - Type H Reflective         -1       Background - Brown         Message - Yellow - Type H Reflective         -1       Message - Yellow - Type H Reflective         -1       Wisconsin Dept of Transport Attion         APPROVED       Mathew R Lauk         Image: Auto Doco       Mathew R Lauk   | Messag<br>(Det                                 | e - Whi<br>our or                    | ite - Type<br>temporary                               | H Refiective<br>Signs - Reflective                                  | )          |  |  |  |  |  |
| Message - White - Type H Reflective         -1 Background - White - Type H Reflective         -1 Background - White - Type H Reflective         Message - Green         -1 Background - Brown         Message - White - Type H Reflective         -1 Background - Brown         Message - Yellow - Type H Reflective         -1 Background - Brown         Message - Yellow - Type H Reflective         -1 Background - Brown         Message - Yellow - Type H Reflective         -1 Background - Brown         Message - Yellow - Type H Reflective         -1 Background - Brown         Message - Yellow - Type H Reflective         -1 Background - Brown         Message - Yellow - Type H Reflective         -1 Background - Brown         Message - Yellow - Type H Reflective         -1 Background - Brown         Message - Yellow - Type H Reflective         -1 Background - Brown         Message - Yellow - Type H Reflective         -1 Background - Brown         Message - Yellow - Type H Reflective         -1 Background - Brown         Matheward - Background - Brown         -1 Misser         -1 Misser         -2 20 0.20         -2 4.40 0.20         -2 4.40 0.20 <td< td=""><td>-1 Backgr</td><td>ound -</td><th>Green</th><th></th><td></td></td<>   | -1 Backgr                                      | ound -                               | Green   |   |            |  |  |  |  |  |
| Message - White - Type H Reflective<br>-1 Background - White - Type H Reflective<br>Message - Green<br>-1 Background - Brown<br>Message - White - Type H Reflective<br>-1 Background - Brown<br>Message - Yellow - Type H Reflective<br>-1 Background - Brown<br>Message - Yellow - Type H Reflective<br>-1 Background - Brown<br>Message - Yellow - Type H Reflective<br>-1 Background - Brown<br>Message - Yellow - Type H Reflective<br>-1 Background - Brown<br>Message - Yellow - Type H Reflective<br>-1 Background - Brown<br>Message - Yellow - Type H Reflective<br>-1 Background - Brown<br>Message - Yellow - Type H Reflective<br>-1 Background - Brown<br>Message - Yellow - Type H Reflective<br>-1 Background - Brown<br>Message - Yellow - Type H Reflective<br>-1 Background - Brown<br>Message - Yellow - Type H Reflective<br>-1 Background - Brown<br>Message - Yellow - Type H Reflective<br>-1 Background - Brown<br>Message - Yellow - Type H Reflective<br>-1 Background - Brown<br>Message - Yellow - Type H Reflective<br>-1 Background - Brown<br>Message - Yellow - Type H Reflective<br>-1 Background - Brown<br>Message - Yellow - Type H Reflective<br>-1 Background - Brown<br>Message - Yellow - Type H Reflective<br>-1 Background - Brown<br>Message - Yellow - Type H Reflective<br>-1 Background - Brown<br>Message - Yellow - Type H Reflective<br>-1 Background - Brown<br>-1 Background - Background - Background - Background - Background - Background | Messaç<br>-1 Backar                            | je - wn<br>'ound -                   | Green   | H RETIECTIVE  |            |  |  |  |  |  |
| -1 Background - White - Type H Reflective         Message - Green         -1 Background - Brown         Message - White - Type H Reflective         -1 Background - Brown         Message - Yellow - Type H Reflective         Mes  | Messag   | je - Wh                              | ite - Type  | H Reflective  |            |  |  |  |  |  |
| Image: State of the second   | -1 Backgr<br>Messar                            | round -<br>1e - Gr                   | - White - I<br>een                                    | ype H Reflective  |            |  |  |  |  |  |
| Message - White - Type H Reflective         -1 Background - Brown         Message - Yellow - Type H Reflective         Message - Yellow - Type H Reflective         STANDARD SIGN         M2 - 1         Wisconsin Dept of TRANSPORTATION         APPROVED         Mether R Auch         For State Traffic Engineer  | -1 Backgr                                      | ound -                               | Brown   |   |            |  |  |  |  |  |
| $\frac{Z  \frac{Areo}{sq. fr.}  \frac{Areo}{sq.}}{\frac{Z}{2}  \frac{2.20}{2}  0.20}$ $\frac{Z  \frac{Areo}{sq. fr.}  \frac{Areo}{sq.}}{\frac{Z}{2}  \frac{Areo}{sq.}  \frac{Areo}{sq.}  \frac{F}{sq.}$ $\frac{STANDARD  SIGN}{M2 - 1}$ $\frac{M2 - 1}{WISCONSIN  DEPT  OF  TRANSPORTATION}{APPROVED}$ $\frac{M2 + 1}{F_{or}  State  Traffic  Engineer}$   | Messaq<br>-1 Backar                            | ge - Wh<br>cound -                   | nite - Type<br>Brown                                  | H Reflective  |            |  |  |  |  |  |
| Z       Area<br>sq. ft.       Area<br>M2         Z       2.20       0.20         /2       2.20       0.20         /2       4.40       0.20         /2       4.40       0.20         /2       4.40       0.20   | Messag   | je - Y                               | ellow - Type  | e H Reflective  |            |  |  |  |  |  |
| Z       Area<br>sq. ft.       Area<br>m2         Z       2.20       0.20         Z       4.40       0.20   |  |                                      |   |   |            |  |  |  |  |  |
| Z       Area<br>m2       Area<br>m2       STANDARD SIGN<br>M2 - 1         /2       2.20       0.20         /2       4.40       0.20         /2       4.40       0.20         /2       4.40       0.20         /2       4.40       0.20         /2       4.40       0.20         /2       4.40       0.20   |  |                                      |   |   |            |  |  |  |  |  |
| Z       Areo<br>sq. ft.       Areo<br>m2         Z       2.20       0.20         /2       2.20       0.20         /2       4.40       0.20         /2       4.40       0.20         /2       4.40       0.20         /2       4.40       0.20         /2       4.40       0.20   |  |                                      |   |   |            |  |  |  |  |  |
| Z       Area<br>sq. H.       Area<br>m2         Z       STANDARD       SIGN         M2 - 1       M2 - 1         M2       2.20       0.20         /2       4.40       0.20         /2       4.40       0.20         /2       4.40       0.20         /2       4.40       0.20         /2       4.40       0.20  |  |                                      |   |   |            |  |  |  |  |  |
| $ \frac{Z \xrightarrow{Area}{sq. tt.} \xrightarrow{Area}{m2}}{2} \\ \frac{Z}{2} \xrightarrow{2.20} 0.20 \\ \frac{Z}{2} \xrightarrow{4.40} 0.20 \\ \frac{Z}{2} \xrightarrow{4.40} 0.20 \end{array} + \frac{STANDARD SIGN}{M2 - 1} \\ \frac{WISCONSIN DEPT OF TRANSPORTATION}{APPROVED} \\ \frac{MWHe}{For State Traffic Engineer} \\ \frac{MWHe}{For State Traffic Engineer} \\ $   |  |                                      |   |   | <b>  '</b> |  |  |  |  |  |
| $ \frac{Z \qquad Area}{sq. ft.} \qquad Area}{m2} \qquad STANDARD \qquad SIGN \\ M2 - 1 \\ M2 \qquad 2.20  0.20 \\ M2 \qquad 4.40  0.20 \\ M2 \qquad 4.40  0.20 \\ M2 \qquad Area \\ M2 \qquad For State Traffic Engineer $   |  |                                      |   |   |            |  |  |  |  |  |
| $ \begin{array}{c ccccccccccccccccccccccccccccccccccc$   |  |                                      |   |   |            |  |  |  |  |  |
| $ \begin{array}{c ccccccccccccccccccccccccccccccccccc$   |  |                                      |   |   |            |  |  |  |  |  |
| $ \begin{array}{c ccccccccccccccccccccccccccccccccccc$   |  |                                      |   |   |            |  |  |  |  |  |
| $ \begin{array}{c ccccccccccccccccccccccccccccccccccc$   |  |                                      | STAI  | NDARD SIGN  |            |  |  |  |  |  |
| V2     2.20     0.20       V2     4.40     0.20       V2     4.40     0.20       V2     4.40     0.20       V2     4.40     0.20   | Z Area<br>sq. ft.                              | Area<br>m2                           |   | M2-1  |            |  |  |  |  |  |
| $\frac{1}{2} \begin{array}{c} 4.40 \\ 4.40 \\ \hline 0.20 \\ \hline 1 \\ 4.40 \\ \hline 0.20 \\ \hline \end{array} \begin{array}{c} \text{APPROVED} \\ \hline \text{Matther } \\ \text{For State Traffic Engineer} \end{array}$  | /2 2 20  | 0.20                                 | WISCONSIN I   | DEPT OF TRANSPORTATION  |            |  |  |  |  |  |
| $\frac{1}{2} \frac{4.40}{0.20} 0.20$   | $\frac{1}{2}$ 4.40                             | 0.20                                 | APPROVED  | Matthe PP   | ,          |  |  |  |  |  |
|  | /2 4.40  | 0.20                                 |   | For State Traffic Engineer  |            |  |  |  |  |  |
| /2 4.40 0.20 DATE 3/16/10 PLATE NO. M2-1.10  | /2 4.40  | 0.20                                 | DATE  | <u>)</u> plate no. <u>M2-1.10</u>                                   | _          |  |  |  |  |  |
| SHEET NO: E  |  |                                      |   | SHEET NO:   | Е          |  |  |  |  |  |

WISDOT/CADDS SHEET 42















MB3-1 MG3-1



MG3-3

MM3-3



### NOTES

- 2. Color:
  - Background See note 5 Message - See note 5
- 3. Message Series C
- corners and borders shall be rounded.
- 5. M3-1 thru M3-4

  - MB3-1 thru MB3-4 Background Blue

| MG3-1 +  | hru M | G3-4 E | 3<br>N |
|----------|-------|--------|--------|
| MK3-1 +1 | nru M | K3-4 E | 3<br>M |
| MM3-1 +  | hru M | M3-4   | B      |
| MN3-1 +  | hru M | N3-4 [ | 3<br>8 |
| M03-1 +  | hru M | 03-4   | B      |

M03-4 MN3-4 SIZE Α в С D Е F G н М Ν 0 Р 0 R S U Х Y Ι J К L Т ۷ W 1 2 1 1/8 ⅔ ⅔ 2 1/4 2 3/4 10 1/4 7 7/8 8 3/8 10 1/4 9 3/4 8 3⁄4 1 1/2 24 6 7 12 3 ⅔ 36 1 1/8 1/2 3 3/4 4 1/4 14 3/8 12 1/8 14 1/8 1 1/2 18 9 10 12 14 13 3 3/4 4 1/4 14 3/8 1/2 4 36 1 1/8 ⅔ 9 10 12 12 1/8 14 1/8 13  $1 \frac{1}{2}$ 18 14 5 36 18 1 1/8 ⅔ 1/2 9 10 3 3/4 4 1/4 14 3/8 12 12 1/8 14 1/8 13 1 1/2 14 HWY: PROJECT NO: COUNTY: FILE NAME : C:\Users\PROJECTS\tr\_stdplate\M31.DGN PLOT DATE : 10-NOV-2010 09:34 PLOT BY : ditjph PLOT NAME :

1. All Signs Type II - See Note 5 - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition. 4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the Background - White - Type H Reflective (Detour or temporary signs - Reflective) Message -Black Message - White - Type H Reflective (Detour or temporary signs - Reflective) Background - Green lessage - White - Type H Reflective lackground - Green lessage - White - Type H Reflective ackground - White - Type H Reflective lessage - Green Background - Brown lessage - White - Type H Reflective Background - Orange - Reflective Message - Black 6. Note the first letter of each direction is larger than the remainder of the message. STANDARD SIGNS M3-1 thur M3-4 Area sq. ft. Ζ SERIES WISCONSIN DEPT OF TRANSPORTATION 2.00 4.5 APPROVED 4.5 For State Traffic Engineer 4.5 DATE 11/10/10 PLATE NO. M3-1.12 SHEET NO: Ε



# 1. Signs are Type II - See Note 4 - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition. 3. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded. Background - White - Type H Reflective Message - Black MB5-1 and MB5-2 Background - Blue Message - White - Type H Reflective MG5-1 and MG5-2 Background - Green Message - White - Type H Reflective MK5-1 and MK5-2 Background - Green Message - White Type H Reflective MM5-1 and MM5-2 Background - White - Type H Reflective Message - Green MN5-1 and MN5-2 Background - Brown Message - White - Type H Reflective M05-1 and M05-2 Background - Orange - Type F Reflective Message - Black MP5-1 and MP5-2 Background - White - Type H Reflective Message - Blue MR5-1 and MR5-2 Background - Brown Message - Yellow - Type H Reflective 5. M5-1R same as M5-1L except arrow points right. 6. M5-2R same as M5-2L except arrow tilts right. STANDARD SIGN Areo sq. ft. Ζ M5-1 & M5-2 WISCONSIN DEPT OF TRANSPORTATION 3.06 APPROVED 6.25 Matthe 6.25 *for* State Traffic Engineer 6.25 DATE <u>7/29/</u>13 PLATE NO. M5-1.12

SHEET NO:

Ε



FILE NAME : C:\CAEFiles\Projects\tr\_stdplate\M61.DGN

PLOT DATE : 29-JUL-2013 13:57

PLOT NAME :

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Y

2. Color:

## NOTES 1. Signs are Type II - See Note 4 - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition. Background - See note 4 Message - See note 4 3. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded. 4. M6-1 and M6-2 Background - White - Type H Reflective Message - Black MB6-1 and MB6-2 Background - Blue Message - White - Type H Reflective MG6-1 and MG6-2 Background - Green Message - White - Type H Reflective MK6-1 and MK6-2 Background - Green Message - White - Type H Reflective MM6-1 and MM6-2 Background - White - Type H Reflective Message - Green MN6-1 and MN6-2 Background - Brown Message - White - Type H Reflective M06-1 and M06-2 Background - Orange - Type F Reflective Message - Black MP6-1 and MP6-2 Background - White - Type H Reflective Message - Blue MR6-1 and MR6-2 Background - Brown Message - Yellow - Type H Reflective 7 STANDARD SIGN M6-1 & M6-2 Area sq. ft. Ζ SERIES WISCONSIN DEPT OF TRANSPORTATION 3.06 APPROVED 6.25 6.25 for State Traffic Engineer 6.25 DATE 7/29/13 Ε SHEET NO:



# NOTES

1. Sign is Type II - Type H Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.

|           | STAN                  | DARD SIGN                  |
|-----------|-----------------------|----------------------------|
|           |                       | R1-1                       |
|           | WISCONSIN DE          | EPT OF TRANSPORTATION      |
|           | APPROVED M            | itther R Rauch             |
|           | DATE <u>12/03/10</u>  | D PLATE NO. <u>R1-1.12</u> |
|           |                       | SHEET NO: E                |
| PLOT SCAL | E : 4.469282:1.000000 | WISDOT/CADDS SHEET 4       |



PLOT DATE : 28-MAY-2010 08:32

## NOTES

1. Sign is Type II - Type H Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.

4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal. the corners and borders shall be rounded. 5. Substitute appropriate numerals and optically adjust spacing to achieve proper balance.

|   | 4700    |                                  |  |  |  |  |
|---|---------|----------------------------------|--|--|--|--|
| Z | sq. ft. |                                  |  |  |  |  |
|   | 3.0     | STANDARD SIGN                    |  |  |  |  |
|   | 5.0     | R2 - 1                           |  |  |  |  |
|   | 7.5     | WISCONSIN DEPT OF TRANSPORTATION |  |  |  |  |
|   | 12.0    | APPROVED Matthew R Rauch         |  |  |  |  |
|   | 12.0    | For State Traffic Engineer       |  |  |  |  |
|   | 20.0    | DATE 5/26/10 PLATE NO. R2-1.13   |  |  |  |  |
|   |         | SHEET NO: E                      |  |  |  |  |
|   |         |                                  |  |  |  |  |

WISDOT/CADDS SHEET 42



|   |          |          |          |          | С                           |              |         |   |        |     |            |                          |     |                |            |    |                   |         |          |          |          | <b>—</b> |           |     |   | 1. Sid   | n is   | Ту         |
|---|----------|----------|----------|----------|-----------------------------|--------------|---------|---|--------|-----|------------|--------------------------|-----|----------------|------------|----|-------------------|---------|----------|----------|----------|----------|-----------|-----|---|--|--|------------|
|   |          |          |          |          |                             | E -<br>D —   |         |   |        |     |            |                          |     |                |            |    |                   |         |          |          |          |          |           |     |   | WI<br>an<br>2. Co<br>3. Co<br>as<br>co<br>4. Bo<br>ciu | S DO<br>d STF<br>lor:<br>Backg<br>Messo<br>rners<br>rder<br>rcle n |            |
| 7 |          |          |          |          |                             |              |         |   |        |     | <u> </u>   |                          |     |                |            |    |                   |         |          |          | )))<br>  | ¥        |           |     |   |  |  | <b>~</b>   |
|   |          |          |          |          |                             |              | <b></b> |   |        |     |            |                          |     | . а _<br>R3-2  |            |    |                   |         |          |          | <b>→</b> |          |           |     |   |  | <u> </u>   | <u>.RR</u> |
|   | SIZE     | A        | В        | с        | D                           | E            | F       | G | н      | I   | J          | к                        | L   | M              | N          | 0  | P                 | 0       | R        | S        | Т        | U        | v         | Ŵ   | x | Y  | Z  | Ar<br>sq.  |
|   | 1        | 24       |          | 1 1/8    | <sup>3</sup> / <sub>8</sub> | <u> /2</u>   | 10 1/2  | 4 | 7 1/2  | 2   | 1 1/2      | 2 1/2                    | 45° | 8 1/2          | 5          | 6  | <u> //2</u>       |         |          |          |          |          |           |     |   |  |  | 4.         |
|   | 23<br>2M | 24<br>36 |          | 1 1/8    | - 1/8<br>- 5/4              | '/2<br>  3∕⊿ | 10 1/2  | 4 | 11 1/2 | 2 3 | 1 ½<br>2 ¼ | $\frac{2}{3}\frac{1}{2}$ | 45° | 8 1/2<br>12 3/ | 5<br>7 1/2 | 9  | <u>'⁄2</u><br>3⁄₄ | +       |          |          |          |          |           |     |   |  |  | 4.<br>  9  |
|   | 3        | 36       |          | 1 5/8    | 5/8                         | 3/4          | 15 3/4  | 6 | 11 1/4 | 3   | 2 1/4      | 3 3/4                    | 45° | 12 3/          | 1 7 1/2    | 9  | 3/4               | 1       |          |          |          |          |           |     |   |  |  | 9.         |
|   | 4        | 36       |          | 1 5/8    | 5⁄8                         | 3⁄4          | 15 3⁄4  | 6 | 11 1/4 | 3   | 2 1/4      | 3 3/4                    | 45° | 12 3⁄2         | 1 7 1/2    | 9  | 3⁄4               |         |          |          |          |          |           |     |   |  |  | 9.         |
|   | 5        | 48       |          | 2 1/4    | 3⁄4                         | 1            | 21      | 8 | 15     | 4   | 3          | 5                        | 45° | 17             | 10         | 12 | 1                 |         |          |          |          |          |           |     |   |  |  | 16.        |
| Ī | PR0      | JECT     | NO:      |          |                             |              |         |   | HWY:   |     |            |                          |     | (              | COUNT      | Y: |                   |         |          |          |          |          |           |     |   |  |  |            |
|   | FILE NA  | ME : C:  | \Users\F | PROJECTS | tr_stdp]                    | Late\R32     | .DGN    |   |        |     |            |                          |     |                |            |    | PL                | OT DATE | : 08-DEC | -2010 14 | :41      | PLOT     | BY : dots | sja |   | PLOT NAM   | 4E :   |            |

FILE NAME : C:\Users\PROJECTS\tr\_stdplate\R32.DGN

PLOT DATE : 08-DEC-2010 14:41

PLOT NAME :

## NOTES

ype II - Type H Reflective - reference Standard Specification for HIGHWAY TURE CONSTRUCTION latest edition.

ound - White - See note 4 may be square or rounded when base s plywood but borders shall be rounded When base material is metal, the and borders shall be rounded. Arrow are non reflective black, the h diagonal bar is reflective red.





## NOTES



FILE NAME : C:\Users\PROJECTS\tr\_stdplate\R51.DGN

PLOT DATE : 17-DEC-2010 12:11 PLOT BY : dotsja

PLOT NAME :

1. Sign is Type II - Type H Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition. Message - White - Type H Reflective 4. Corners may be square or rounded when base material is plywood but when base material is metal, the cornors shall be rounded.

| STANDARD SIGN                             | Area<br>sq. ft. | Z |  |  |  |
|---|-----------------|---|--|--|--|
| P5 - 1                                    |                 |   |  |  |  |
| KD-T                                      | 6.26            |   |  |  |  |
| WISCONSIN DEPT OF TRANSPORTATION          | 9.0             |   |  |  |  |
| APPROVED Matthew & Rough                  | 9.0             |   |  |  |  |
| For State Traffic Engineer                | 9.0             |   |  |  |  |
| DATE 12/17/10 PLATE NO. R5-1.15           | 16.0            |   |  |  |  |
| SHEET NO: E                               |                 |   |  |  |  |
| : 5.959043:1.000000 WISDOT/CADDS SHEET 42 | PLOT SCALE : 5  |   |  |  |  |



FILE NAME : C:\Users\PROJECTS\tr\_stdplate\R51A.DGN

PLOT DATE : 17-DEC-2010 12:42 PLOT BY : dotsja

PLOT NAME :

Ζ

## NOTES

1. Sign is Type II - Type H Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.

Background - Red Message - White 3. Message Series - D 4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.

| Area<br>sq. ft.      |                                  |
|----------------------|----------------------------------|
| 3.75                 | STANDARD SIGN                    |
| 6.00                 | R5-1A                            |
| 8.75                 | WISCONSIN DEPT OF TRANSPORTATION |
| 8.75                 |                                  |
| 8.75                 | Matther & Kauch                  |
| 8.75                 | DATE 12/17/10 PLATE NO. R5-1A.2  |
|                      | SHEET NO: E                      |
| PLOT SCALE : 5.46245 | WISDOT/CADDS SHEET 42            |





FILE NAME : C:\CAEFiles\Projects\tr\_stdplate\W131.DGN

PLOT DATE: 31-MAY-2012 10:57 PLOT BY : mscsja

PLOT NAME :

| Type F Refl<br>Specificatio<br>NSTRUCTION 10   | ective - ro<br>on for HIG<br>atest edit   | eference<br>HWAY<br>ion.                         | Ð   |   |
|--|---|--|---|---|
| llow<br>See Note 6<br>quare or rou<br>od but border<br>ose material<br>ers shall be<br>priate numero<br>to achieve p | unded wher<br>rs shall be<br>is metal, t<br>rounded.<br>als and opt<br>roper bala | n base<br>e rounde<br>the<br>tically sp<br>ince. | ed<br>pace  |   |
|  |   |  |   | 7 |
| Areo<br>sa. ff.<br>2.25<br>2.25<br>2.25<br>4.00<br>9.00<br>9.00  | STAND<br>WISCONSIN DEP<br>APPROVED<br>Mate 5/31/12                                | ARD SI<br>113-1<br>T OF TRANSPO<br>THE NO.       | GN<br>DRT AT ION<br>Rauch<br>eer<br><u>W13-1.16</u> |   |
| PLOT SCALE :   | 3.225232:1.000000   | HEET NO:   | DS SHEET 4  | 2 |



FILE NAME : C:\CAEFiles\Projects\tr\_stdplate\W133.DGN

PLOT BY : mscsja PLOT DATE : 13-JUN-2013 14:55

PLOT NAME :

## NOTES

1. Sign is Type II - Type F Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.

4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.

5. Substitute appropriate numerals and optically space about centerline to achieve proper balance.

|           | STANI                 | DARD SIGN            |    |
|-----------|-----------------------|----------------------|----|
|           | W                     | 13-3                 |    |
|           | WISCONSIN DE          | PT OF TRANSPORTATION |    |
|           | APPROVED Ma           | ther R Rauch         | -  |
|           | DATE <u>6/13/13</u>   | PLATE NO             | _  |
|           |                       | SHEET NO:            | Ε  |
| PLOT SCAL | E : 4.167994:1.000000 | WISDOT/CADDS SHEET   | 42 |



FILE NAME : C:\CAEFiles\Projects\tr\_stdplate\W14.DGN

PLOT DATE : 17-MAY-2012 13:20

PLOT NAME :

1. Sign is Type II - Type F Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.

3. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.

4. W1-4L is the same as W1-4R except the arrow is reversed along the vertical centerline.

| 4.000   | STANDARD STGN  |
|---------|--|
| sq. ft. | 017010101011   |
| 4.0     | W1-4   |
| 6.25    |  |
| <br>    | WISCONSIN DEPT OF TRANSPORTATION                     |
| 9.0     | WISCONSIN DELT OF TRANSFORTATION                     |
| • •     | APPROVED AND ILL ON A                                |
| 9.0     | Matthe R Raul  |
| 90      | 1. avview / raug                                     |
| 5.0     | for State Traffic Engineer                           |
| 16.0    |  |
|         | DATE <u>5/17/12</u> PLATE NO. <u>W1-4.11</u>         |
|         |  |
|         | SHEET NO: E  |
|         | PLOT SCALE : 5.706180:1.000000 WISDOT/CADDS SHEET 42 |



```
1. Sign is Type II - Type F Reflective - reference
   WIS DOT Standard Specification for HIGHWAY
  and STRUCTURE CONSTRUCTION latest edition.
4. Corners and borders shall be rounded on all base
```

| ¬                                       |                                      |
|---|--------------------------------------|
| STANDARD                                | SIGN                                 |
|   |                                      |
| WISCONSIN DEPT OF TR                    | ANSPORTATION                         |
| APPROVED Matthe                         | l Rouch                              |
|   | fic Engineer<br>E NO. <u>W14-3.9</u> |
| SHEET NO                                | E                                    |
| PLOT SCALE : 5.710749:1.000000 WISDOT/C | ADDS SHEET 42                        |



FILE NAME : C:\CAEFiles\Projects\tr\_stdplate\W15.DGN

PLOT DATE : 18-MAY-2012 13:08

## NOTES

1. Sign is Type II - Type F Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.

Background - Yellow

3. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.

4. W1-5L is the same as W1-5R except the arrow is reversed along the vertical centerline.

| Area        | l          | STANDARD SIGN                          |    |
|-------------|------------|--|----|
| <b>4.</b> 0 |            | W1-5                                   |    |
| 6.25        |            |  |    |
| 9.0         |            | WISCONSIN DEPT OF TRANSPORTATION       |    |
| 9.0         |            | APPROVED MILLE DA                      |    |
| 3.0         |            | Matther & Rauch                        | -  |
| 9.0         |            | for State Inditic Engineer             |    |
| 16.0        |            | DATE 5/18/12 PLATE NO. W1-5.8          | -  |
|             |            | SHEET NO:                              | Ε  |
|             | PLOT SCALE | : 5.706180:1.000000 WISDOT/CADDS SHEET | 42 |



COUNTY:

HWY:

- 2. Color:

Background - Yellow Message - Black 3. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.

FILE NAME : C:\Users\PROJECTS\tr\_stdplate\W16.DGN

PROJECT NO:

PLOT DATE : 07-JUN-2010 10:37 PLOT BY : ditjph PLOT NAME :

W

Х

Y

# NOTES

1. Sign is Type II - Type F Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.

| Z | Areo<br>sq. ft. | STANDARD STON                              |
|---|-----------------|--|
|   | 4.5             | STANDARD SIGN                              |
|   | 8.0             | W1-6                                       |
|   | 8.0             | WISCONSIN DEPT OF TRANSPORTATION           |
|   | 12.5            | APPROVED Matthew & Round                   |
|   | 12.5            | For State Traffic Engineer                 |
|   | 32.0            | DATE <u>6/7/10</u> PLATE NO. <u>W1-6.8</u> |
|   |                 | SHEET NO:                                  |



1. Sign is Type II - Type F Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition. 3. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.

| Z Area<br>se. ft.<br>1.5<br>3.0 | STANDARD SIGN<br>W1-8               |
|---------------------------------|-------------------------------------|
| 3.0                             | WISCONSIN DEPT OF TRANSPORTATION    |
| 5.0                             | APPROVED Matthe P P                 |
| 7.5                             | for State Traffic Engineer          |
| 12.0                            | DATE <u>6/7/10</u> PLATE NO. W1-8.6 |
|                                 | SHEET NO: E                         |

WISDOT/CADDS SHEET 42


FILE NAME : C:\CAEFiles\Projects\tr\_stdplate\W22.DGN

PLOT DATE : 29-MAY-2012 10:18

PLOT NAME :

PLOT BY : mscsja

1. Sign is Type II - Type F Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.

3. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.

| Area<br>sq. 11. | STANDARD SIGN                                    |    |
|-----------------|--|----|
| 4.0             | W2-2   |    |
| 6.25            |  |    |
| 6.25            |  |    |
| 9.0             | APPROVED Matthew R Rough                         | ,  |
| 16.0            | for State Traffic Engineer                       | F  |
|                 | DATE 5/29/12 PLATE NO. W2-2.6                    | _  |
|                 | SHEET NO:  | Ε  |
|                 | LOT SCALE : 6.202372:1.000000 WISDOT/CADDS SHEET | 42 |

7



## NOTES

- 1. All Signs Type II -WIS DOT Standard and STRUCTURE CON
- 2. Color:
  - Background YEL Arrow & Border
  - Stop Symbol WHI





| SIZE   | Α        | В        | С          | D        | E        | F     | G      | н     | I                   | J   | ĸ   | L      | м     | N     | 0 | Р       | 0        | R        | S     | Т   | U         | v     | W | X | Y | Γ |
|--------|----------|----------|------------|----------|----------|-------|--------|-------|---------------------|-----|-----|--------|-------|-------|---|---------|----------|----------|-------|-----|-----------|-------|---|---|---|---|
| 1      | 30       |          | 1 3/8      | 1/2      | 5%       | 6 1/4 | 11 1/4 | 2 1/8 | 15 3⁄4              | 1/2 | 1/2 | 16     | 8     | 1 1/4 | 5 |         |          |          |       |     |           |       |   |   |   | I |
| 2S     | 36       |          | 1 5/8      | 5⁄8      | 3⁄4      | 7 1/2 | 13 1/2 | 3 1/2 | 19                  | 5⁄8 | 5%  | 19 1⁄4 | 9 3⁄4 | 1 5/8 | 6 |         |          |          |       |     |           |       |   |   |   |   |
| 2M     | 36       |          | 1 5/8      | 5⁄8      | 3⁄4      | 7 ½   | 13 1/2 | 3 1/2 | 19                  | 5⁄8 | 5⁄8 | 19 1⁄4 | 9 3⁄4 | 1 5/8 | 6 |         |          |          |       |     |           |       |   |   |   | Ι |
| 3      | 36       |          | 1 5/8      | 5⁄8      | 3⁄4      | 7 1/2 | 13 1/2 | 3 1/2 | 19                  | 5⁄8 | 5⁄8 | 19 1⁄4 | 9 3⁄4 | 1 5/8 | 6 |         |          |          |       |     |           |       |   |   |   |   |
| 4      | 48       |          | 2 1/4      | 3⁄4      | 1        | 10    | 17 7/8 | 4 1/2 | 25 <mark>1⁄8</mark> | ∛₄  | 7∕8 | 25 5/8 | 13    | 2     | 8 |         |          |          |       |     |           |       |   |   |   | I |
| 5      | 48       |          | 2 1/4      | 3⁄4      | 1        | 10    | 17 1/8 | 4 1/2 | 25 1⁄8              | ∛₄  | 1⁄8 | 25 5/8 | 13    | 2     | 8 |         |          |          |       |     |           |       |   |   |   |   |
| PRO    | JECT     | NO:      |            |          |          |       |        |       |                     |     |     |        |       |       |   |         |          |          |       |     |           |       |   |   |   |   |
| FILE N | AME : C: | \Users\F | PROJECTS\+ | r_stdpla | te\W31.D | GN    |        |       |                     |     |     |        |       |       |   | PLOT DA | TE : 07- | JUN-2010 | 12:59 | PLO | T BY : d. | itjph |   |   |   |   |

|7

| Type F Reflective - reference<br>Specification for HIGHWAY<br>NSTRUCTION latest edition. |   |
|--|---|
| LLOW<br>- BLACK<br>ITE BORDER ON RED BACKGROUND  |   |
| T  |   |
| G  |   |
| ⊻  | 7 |
| Z Areo   |   |
| 6.25 STANDARD SIGN   |   |
| 9.0 W3-1   |   |
| 9.0 WISCONSIN DEPT OF TRANSPORTATION   | - |
| 9.0 APPROVED M LLI D D   | - |
| 16.0 / latther & Rauch   |   |
| 16.0 DATE 6/7/10 PLATE NO. W3-1.12   |   |
| SHEET NO:  |   |
| l l  | _ |



## NOTES

- 2. Color:
  - Background Yellow Message – Black
- 3. Message Series D

|        |          |          | _         |          |          |         |       |      |        | _      |   |     |   |       |    |    |          |         |          |      |      |         |      |   |        |       |           |
|--------|----------|----------|-----------|----------|----------|---------|-------|------|--------|--------|---|-----|---|-------|----|----|----------|---------|----------|------|------|---------|------|---|--------|-------|-----------|
| SIZE   | Α        | B        | C         | D        | E        | F       | G     | н    | I      | J      | ĸ | L . | м | N     | 0  | Р  | 0        | R       | S        | Т    | U    | V       | W    | Х | Y      | Z     | Ar<br>sq. |
| 1      | 30       |          | 1 3/8     | 1/2      | 5⁄8      | 5       | 2 1/2 | 1/2  | 13     | 10 1/8 |   |     |   |       |    |    |          |         |          |      |      |         |      |   |        |       | 6.        |
| 2S     | 36       |          | 1 5/8     | 5⁄8      | 3⁄4      | 6       | 3     | 3⁄4  | 15 5%  | 13 1/8 |   |     |   |       |    |    |          |         |          |      |      |         |      |   |        |       | 9.0       |
| 2M     | 36       |          | 1 5/8     | 5⁄8      | 3⁄4      | 6       | 3     | 3⁄4  | 15 5%  | 13 1/8 |   |     |   |       |    |    |          |         |          |      |      |         |      |   |        |       | 9.0       |
| 3      | 36       |          | 1 5/8     | 5⁄8      | 3⁄4      | 6       | 3     | 3⁄4  | 15 5/8 | 13 1/8 |   |     |   |       |    |    |          |         |          |      |      |         |      |   |        |       | 9.0       |
| 4      | 48       |          | 2 1/4     | 3⁄4      | 1        | 8       | 4     | 3⁄4  | 20 3⁄4 | 17 3/8 |   |     |   |       |    |    |          |         |          |      |      |         |      |   |        |       | 16.       |
| 5      |          |          |           |          |          |         |       |      |        |        |   |     |   |       |    |    |          |         |          |      |      |         |      |   |        |       |           |
| PRC    | JECT     | NO:      |           |          |          |         |       | HWY: |        |        |   |     |   | COUNT | Y: |    |          |         |          |      |      |         |      |   |        |       |           |
| FILE N | IAME : C | :\CAEFil | .es\Proje | cts\tr_s | tdplate\ | W52.DGN |       |      |        |        |   |     |   |       |    | PI | _OT DATE | : 12-MA | R-2013 1 | 3:50 | PLOT | BY : ms | csja |   | PLOT N | AME : |           |

1. Sign is Type II - Type F Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.

4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.

| eg.<br>25    | STANDARD SIGN<br>W5-2  |
|--------------|--|
| 0<br>0<br>.0 | WISCONSIN DEPT OF TRANSPORTATION<br>APPROVED Matther R Rauch<br>For State Traffic Engineer |
|              | DATE 03/12/13 PLATE NO. W5-2.8   |
|              | SHEET NO: E  |
| PLOT SCALE : | 5.202372:1.000000 WISDOT/CADDS SHEET 42  |

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FILE NAME : C:\CAEFiles\Projects\tr\_stdplate\W552.DGN

7

PLOT NAME :

### NOTES

1. Sign is Type II - Type F Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.

3. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded. 4. Alternate colors of stripes as shown.

| Z | Area<br>sq. ft. | STANDARD SIGN                                   |
|---|-----------------|---|
|   |                 | W5-52L & W5-52R                                 |
|   | 3.0             |   |
|   | 3.0             | WISCONSIN DEPT OF TRANSPORTATION                |
|   | 6.75            | APPROVED Matthew & Rauch                        |
|   |                 | for State Traffic Engineer                      |
|   |                 | DATE 5/29/12 PLATE NO. W5-52.9                  |
|   |                 | SHEET NO: E                                     |
|   | PLOT            | SCALE : 4.961899:1.000000 WISDOT/CADDS SHEET 42 |

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PLOT DATE : 29-MAY-2012 13:03



































## Notes



# Wisconsin Department of Transportation

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