|  |  |
| --- | --- |
| To:  Doug Cain | County  Waukesha |
| Date:  August 22, 2018 | Highway  Waukesha Bypass |
| Project ID  2788-00-71 | Limits  USH 18 |
| Project Type  Reconstruction | Description  Genesee Rd to Fiddlers Creek Dr |

*Prepared By:*

|  |  |
| --- | --- |
| Name:  Lauren Zidek | Phone:  414-410-6815 |
| Office/Firm:  HNTB Corporation | Email:  lzidek@hntb.com |

## 1\_Field Control Data

|  |  |  |
| --- | --- | --- |
| Filenames | Name of Points in File | **Description of Points or Name of ASCII file containing Point Descriptions** |
|  |  |  |

## 2\_Existing Surface

|  |  |
| --- | --- |
| Filenames | Description |
|  |  |

## 3\_Existing Topography - General

|  |  |
| --- | --- |
| Filenames | Description |
|  |  |

## 4\_Existing Topography- Utilities

|  |  |
| --- | --- |
| Filenames | Description |
|  |  |

**5\_Reference Alignments (xml)**

|  |  |
| --- | --- |
| Filenames | **Description (Mainline, side road, driveway.)** |
| HN\_27880071\_DDE.xml | This XML file contains all horizontal and vertical information for the following alignments:  Driveway off Genesee Rd at Station 47+25 Left  STH 59/CTH X - Genesee Rd  STH 59/CTH X - Genesee Rd – Eastbound PGL  STH 59/CTH X - Genesee Rd – Westbound PGL  CTH X - Saylesville Rd  CTH X - Saylesville Rd - PGL  CTH D - Sunset Dr  WB - Waukesha Bypass (STA 82+36.24 to STA 135+82.92)  WB - Waukesha Bypass (STA A136+00 to STA 173+00) |

**5a\_ Alignment Reports**

|  |  |
| --- | --- |
| **Name of Report File** | **Alignment Information Contained in Report File** |
| DWY\_GE\_ali.txtDWY\_GE\_pro.txtGE\_ali.txtGE\_EB\_pro.txtGE\_WB\_pro.txt GEE\_ali.txt  GEW\_ali.txt SA\_ali.txtSA\_pro.txt SAN\_Ali.txt SUN\_ali.txtSUN\_pro.txt WB\_ali.txt  WB\_NB\_pro.txt  WB\_SB\_pro.txt  WB\_A\_ali.txt  WB\_A\_NB\_pro.txt  WB\_A\_SB\_pro.txt | Horizontal Alignment - DWY\_GE\_4725\_LTVertical Profile - DWY\_GE\_4725\_v Horizontal Alignment - GE  Vertical Profile - GE\_Prop\_EB  Vertical Profile - GE\_Prop\_WB  Horizontal Alignment – GE Eastbound PGL  Horizontal Alignment – GE Westbound PGL  Horizontal Alignment - SA  Vertical Profile - SA\_Prop\_NB  Horizontal Alignment – SA PGL  Horizontal Alignment - SUN  Vertical Profile - SUN\_Prop  Horizontal Alignment – WB (STA 82+36.24 to STA 135+82.92)  Vertical Profile – WB NB (STA 82+36.24 to STA 135+82.92)  Vertical Profile – WB SB (STA 82+36.24 to STA 135+82.92)  Horizontal Alignment – WB (STA A136+00 to STA 173+00)  Vertical Profile – WB NB (STA A136+00 to STA 173+00)  Vertical Profile – WB SB (STA A136+00 to STA 173+00) |

**6\_Reference Profiles**

|  |  |  |
| --- | --- | --- |
| **Filenames** | **Name of Profile(s) in File** | **Active Alignment** |
| DWY\_GE.pro GE\_EB.pro  GE\_WB.pro  SA.pro SUN.pro WB\_NB.pro  WB\_SB.pro  WB\_A\_NB.pro  WB\_A\_SB.pro | DWY\_GE\_4725\_v GE\_Prop\_EB  GE\_Prop\_WB  SA\_Prop\_NB  SUN\_Prop  v\_NB  v\_SB  v\_NB  v\_SB | DWY\_GE\_4725\_LT GE  GE  SA  SUN  WB  WB  WB\_A  WB\_A |

**7\_Superelevation Data**

|  |  |  |
| --- | --- | --- |
| **Filenames** | **Names of Lines** | **Description of Super Lines for Chains used. Description of which superelevation design tables were used.** |
| GEE\_a.doc  GEE\_b.doc  GEE\_c.doc  GEW\_a.doc  GEW\_b.doc  GEW\_c.doc  SAN.doc  SAS.doc  SUN\_a.doc  SUN\_b.doc  WBE\_a.doc  WBE\_c.doc  WBW\_a.doc  WBW\_c.doc | GEE-Shoulder  GEE\_RT-Shoulder  GEE\_Inside\_Ln  GEE\_LN1-F  GEE\_c-RT-LN  RT-Shoulder  GEW\_Inside\_Ln  GEW-LT-Shld  GEW-Inside\_Ln  GEW\_c\_Inside\_Ln  SAN\_Outside\_Ln  SAN\_RT-ESP  SAN\_Outside\_Ln  SAS-Outside\_Ln  SAS-LT\_Shoulder  SUN\_LT-LN1  SUN\_LT-ESP  SUN\_RT-ESP  SUN\_RT-LN1  SUN\_LT-EP  SUN\_LT-ESP  SUN\_LT-LN  SUN\_RT-ESP  SUN\_RT-LN  WBE\_LT-EP  WBE-LT-ESP  WBE\_a-LT-LN1  WBE\_LT-LN  WBE-LT-EP  WBE-LT-ESP  WBE\_LT-PGL  WBW-RT-EP  RT-Shoulder  WBW-RT-LN1  RT\_Shoulder\_SG  WBW\_c\_RT-LN1  WBW-RT-ESP  WBW\_RT-PGL | GE - Genesee Rd Eastbound  GE - Genesee Rd Westbound  SA - Saylesville Rd Northbound  SA - Saylesville Rd Southbound  SUN - Sunset Dr  WB - Waukesha Bypass Eastbound  WB - Waukesha Bypass Westbound |

**8\_Right-of-Way**

|  |  |  |
| --- | --- | --- |
| **Filenames** | **Name of Points in File** | **Description of file** |
|  |  |  |

**9\_Slope Staking**

|  |  |
| --- | --- |
| Filename – Associated Chain | Cross section file information extracted from. If an SOE file listed above contains information represented in the report, name it here (this would normally be an SOE storing FINGRND information). |
| DWY\_GE\_XS\_SLPSTK.xlsx  GE\_XS\_SLPSTK\_1.xlsx  GE\_XS\_SLPSTK\_2.xlsx  SA\_XS\_SLPSTK.xlsx  SUN\_XS\_SLPSTK\_1.xlsx  SUN\_XS\_SLPSTK\_2.xlsx  WB\_XS\_SLPSTK\_1.xlsx  WB\_XS\_SLPSTK\_2.xlsx  WB\_XS\_SLPSTK\_3.xlsx  WB\_XS\_SLPSTK\_4.xlsx  WB\_XS\_SLPSTK\_5.xlsx  WB\_XS\_SLPSTK\_6.xlsx WB\_XS\_SLPSTK\_7.xlsx WB\_XS\_SLPSTK\_8.xlsx | 10+64 – 12+88; Driveway off Genesee Rd at Station 47+25 Left  34+00 – 49+44; STH 59/CTH X - Genesee Rd  50+78 – 62+00; STH 59/CTH X - Genesee Rd  7+00 – 19+37; CTH X - Saylesville Rd  42+50 – 49+41; CTH D - Sunset Dr  50+52 – 64+50; CTH D - Sunset Dr  100+00 – 115+00; Waukesha Bypass  115+50 – 121+50 & 128+00 – 128+28; Waukesha Bypass  122+00 – 127+50; Waukesha Bypass  130+47 – 135+00 & A 136+50 – A 142+00; Waukesha Bypass  A 136+00; Waukesha Bypass  A142+50 – A 153+00; Waukesha Bypass  A 153+50 – A 163+00; Waukesha Bypass  A 163+50 – A 172+50; Waukesha Bypass |

**10\_Existing Cross Sections**

|  |  |  |
| --- | --- | --- |
| **Filename(s)** | **Station Range of Cross Sections** | **Name of Surface for data contained in file** |
| **Existing**  DWY\_GE\_XS\_Exist.txt  GE\_XS\_Exist\_1.txt  GE\_XS\_Exist\_2.txt  SA\_XS\_Exist.txt  SUN\_XS\_Exist\_1.txt  SUN\_XS\_Exist\_2.txt  WB\_XS\_Exist\_1.txt  WB\_XS\_Exist\_2.txt  WB\_XS\_Exist\_3.txt  WB\_XS\_Exist\_4.txt  WB\_XS\_Exist\_5.txt  WB\_XS\_Exist\_6.txt  **Proposed**  DWY\_GE\_XS\_Prop.txt  GE\_XS\_Prop\_1.txt  GE\_XS\_Prop\_2.txt  SA\_XS\_Prop.txt  SUN\_XS\_Prop\_1.txt  SUN\_XS\_Prop\_2.txt  WB\_XS\_Prop\_1.txt  WB\_XS\_Prop\_2.txt  WB\_XS\_Prop\_3.txt  WB\_XS\_Prop\_4.txt  WB\_XS\_Prop\_5.txt  WB\_XS\_Prop\_6.txt  **Subgrade**  DWY\_GE\_XS\_Subgrade.txt  GE\_XS\_Subgrade\_1.txt  GE\_XS\_Subgrade\_2.txt  SA\_XS\_Subgrade.txt  SUN\_XS\_Subgrade\_1.txt  SUN\_XS\_Subgrade\_2.txt  WB\_XS\_Subgrade\_1.txt  WB\_XS\_Subgrade\_2.txt  WB\_XS\_Subgrade\_3.txt  WB\_XS\_Subgrade\_4.txt  WB\_XS\_Subgrade\_5.txt  WB\_XS\_Subgrade\_6.txt | 10+64 – 12+88  34+00 – 49+44  50+78 – 62+00  7+00 – 19+37  42+50 – 49+41  50+52 – 64+50  100+00 – 115+00  115+50 – 128+28  130+47 – A 142+00  A142+50 – A 153+00  A 153+50 – A 163+00  A 163+50 – A 172+50  10+64 – 12+88  34+00 – 49+44  50+78 – 62+00  7+00 – 19+37  42+50 – 49+41  50+52 – 64+50  100+00 – 115+00  115+50 – 128+28  130+47 – A 142+00  A142+50 – A 153+00  A 153+50 – A 163+00  A 163+50 – A 172+50  10+64 – 12+88  34+00 – 49+44  50+78 – 62+00  7+00 – 19+37  42+50 – 49+41  50+52 – 64+50  100+00 – 115+00  115+50 – 128+28  130+47 – A 142+00  A142+50 – A 153+00  A 153+50 – A 163+00  A 163+50 – A 172+50 | Driveway off Genesee Rd at Station 47+25 LeftSTH 59/CTH X - Genesee RdSTH 59/CTH X - Genesee RdCTH X - Saylesville Rd CTH D - Sunset Dr  CTH D - Sunset Dr  Waukesha Bypass  Waukesha Bypass  Waukesha Bypass  Waukesha Bypass  Waukesha Bypass  Waukesha Bypass Driveway off Genesee Rd at Station 47+25 LeftSTH 59/CTH X - Genesee RdSTH 59/CTH X - Genesee RdCTH X - Saylesville Rd CTH D - Sunset Dr  CTH D - Sunset Dr  Waukesha Bypass  Waukesha Bypass  Waukesha Bypass  Waukesha Bypass  Waukesha Bypass  Waukesha Bypass Driveway off Genesee Rd at Station 47+25 LeftSTH 59/CTH X - Genesee RdSTH 59/CTH X - Genesee RdCTH X - Saylesville Rd CTH D - Sunset Dr  CTH D - Sunset Dr  Waukesha Bypass  Waukesha Bypass  Waukesha Bypass  Waukesha Bypass  Waukesha Bypass  Waukesha Bypass |

## 11\_Proposed Surfaces (dtm)

|  |  |
| --- | --- |
| **Filename** | **Name of Surface for data contained in file** |
| Bypass\_a\_Median.dtm  Bypass\_a\_Median-Subgrade.dtm  Bypass\_b\_Median.dtm  Bypass\_b\_Median-Subgrade.dtm  Bypass\_c\_Median.dtm  Bypass\_c\_Median-Subgrade.dtm  Channel-201wb.dtm  DRWY\_GE.dtm  DRWY\_GE-Subgrade.dtm  DRWY\_GE-3510.dtm  DRWY\_GE-3510-Subgrade.dtm  DRWY\_GE-3788.dtm  DRWY\_GE-3788-Subgrade.dtm  DRWY\_GE-5783.dtm  DRWY\_GE-5783-Subgrade.dtm  DRWY\_WB-10421.dtm  DRWY\_WB-10421-Subgrade.dtm  DWY\_WB\_16583-LT.dtm  DWY\_WB\_16583-LT-Subgrade.dtm  DWY\_WB\_16583-RT.dtm  DWY\_WB\_16583-RT-Subgrade.dtm  GEE\_a.dtm  GEE\_a-Subgrade.dtm  GEE\_b.dtm  GEE\_b-Subgrade.dtm  GEE\_c.dtm  GEE\_c-Subgrade.dtm  GEE-SAN-RT\_Turn.dtm  GEE-SAN-RT\_Turn-Subgrade.dtm  GEE-SAS-RT\_Turn-Island.dtm  GEE-SAS-RT\_Turn-Island-Subgrade.dtm  GEE-WBE-RT\_Turn.dtm  GEE-WBE-RT\_Turn-Subgrade.dtm  GEE-WBE-RT\_Turn-Island.dtm  GEE-WBE-RT\_Turn-Island-Subgrade.dtm  Genesse\_a\_Median.dtm  Genesse\_a\_Median-Subgrade.dtm  Genesse\_b\_Median.dtm  Genesse\_b\_Median-Subgrade.dtm  Genesse\_c\_Median.dtm  Genesse\_c\_Median-Subgrade.dtm  GEW\_a.dtm  GEW\_a-Subgrade.dtm  GEW\_b.dtm  GEW\_b-Subgrade.dtm  GEW\_c.dtm  GEW\_c-Subgrade.dtm  GEW-WBW-RT\_Turn.dtm  GEW-WBW-RT\_Turn-Subgrade.dtm  GEW-WBW-RT\_Turn-Island.dtm  GEW-WBW-RT\_Turn-Island-Subgrade.dtm  Pond-Sta-201WB.dtm  SAN.dtm  SAN-Subgrade.dtm  SAN-GEE-RT\_Turn.dtm  SAN-GEE-RT\_Turn-Subgrade.dtm  SAN-GEE-RT\_Turn-Island.dtm  SAN-GEE-RT\_Turn-Island-Subgrade.dtm  SAS.dtm  SAS-Subgrade.dtm  SAS-VEL-RT-Turn.dtm  SAS-VEL-RT-Turn-Subgrade.dtm  SUN\_a.dtm  SUN\_a-Subgrade.dtm  SUN\_b.dtm  SUN\_b-Subgrade.dtm  SUN-WBE-RT\_Turn.dtm  SUN-WBE-RT\_Turn-Subgrade.dtm  SUN-WBE-RT\_Turn-Island.dtm  SUN-WBE-RT\_Turn-Island-Subgrade.dtm  SUN-WBW-RT\_Turn.dtm  SUN-WBW-RT\_Turn-Subgrade.dtm  SUN-WBW-RT\_Turn-Island.dtm  SUN-WBW-RT\_Turn-Island-Subgrade.dtm  VEL-SAS-RT-Turn.dtm  VEL-SAS-RT-Turn-Subgrade.dtm  WBE\_a.dtm  WBE\_a-Subgrade.dtm  WBE\_b.dtm  WBE\_b-Subgrade.dtm  WBE\_c.dtm  WBE\_c-Subgrade.dtm  WBE-GEW-RT\_Turn.dtm  WBE-GEW-RT\_Turn-Subgrade.dtm  WBE-GEW-RT\_Turn-Island.dtm  WBE-GEW-RT\_Turn-Island-Subgrade.dtm  WBE-SUN-RT\_Turn.dtm  WBE-SUN-RT\_Turn-Subgrade.dtm  WBE-SUN-RT\_Turn-Island.dtm  WBE-SUN-RT\_Turn-Island-Subgrade.dtm  WBW\_a.dtm  WBW\_a-Subgrade.dtm  WBW\_b.dtm  WBW\_b-Subgrade.dtm  WBW\_c.dtm  WBW\_c-Subgrade.dtm  WBW-GEE-RT\_Turn.dtm  WBW-GEE-RT\_Turn-Subgrade.dtm  WBW-GEE-RT\_Turn-Island.dtm  WBW-GEE-RT\_Turn-Island-Subgrade.dtm  WBW-SUN-RT\_Turn.dtm  WBW-SUN-RT\_Turn-Subgrade.dtm  WBW-SUN-RT\_Turn-Island.dtm  WBW-SUN-RT\_Turn-Island-Subgrade.dtm | Waukesha Bypass – Median – Sta 100+37 to B-67-352/353  Waukesha Bypass – Median – B-67-352/353 to B-67-360/361  Waukesha Bypass – Median – B-67-360/361to Sta A 172+50  Drainage Channel at Sta 201+00  Genesee Driveway at Sta 47+25  Genesee Driveway at Sta 35+10  Genesee Driveway at Sta 37+88  Genesee Driveway at Sta 57+83  Waukesha Bypass Driveway at Sta 104+21  Waukesha Bypass Driveway at Sta 165+83  Waukesha Bypass Driveway at Sta 165+83  Genesee Rd – Sta 34+11 to Waukesha Bypass  Genesee Rd – Waukesha Bypass to B-67-315  Genesee Rd – B-67-315 to Sta 61+84 Right Turn Lane from Genesee Rd Eastbound to Saylesville RdRight Turn Island from Genesee Rd Eastbound to Saylesville RdRight Turn Lane from Genesee Rd Eastbound to Waukesha BypassRight Turn Island from Genesee Rd Eastbound to Waukesha Bypass Genesee Rd – Median – Sta 34+11 to Waukesha Bypass  Genesee Rd – Median – Waukesha Bypass to B-67-315  Genesee Rd – B-67-315 to Sta 61+84  Genesee Rd – Sta 34+11 to Waukesha Bypass  Genesee Rd – Waukesha Bypass to B-67-315  Genesee Rd – B-67-315 to Sta 61+84 Right Turn Lane from Genesee Rd Westbound to Waukesha BypassRight Turn Island from Genesee Rd Westbound to Waukesha Bypass Pond at Sta 201+00 Saylesville RdRight Turn Lane from Saylesville Rd to Genesee Rd EastboundRight Turn Island from Saylesville Rd to Genesee Rd EastboundSaylesville Rd Right Turn Lane from Saylesville Rd to Velma Dr  Sunset Dr – Sta 43+00 to Waukesha Bypass  Sunset Dr – Waukesha Bypass to Sta 66+00 Right Turn Lane from Sunset Dr to Waukesha Bypass SouthboundRight Turn Island from Sunset Dr to Waukesha Bypass SouthboundRight Turn Lane from Sunset Dr to Waukesha Bypass NorthboundRight Turn Island from Sunset Dr to Waukesha Bypass Northbound Right Turn Lane from Velma Dr to Saylesville Rd  Waukesha Bypass Southbound – Sta 100+37 to B-67-352/353  Waukesha Bypass Southbound – B-67-352/353 to B-67-360/361  Waukesha Bypass Southbound – B-67-360/361to Sta A 172+50 Right Turn Lane from Waukesha Bypass SB to Genesee Rd WBRight Turn Island from Waukesha Bypass SB to Genesee Rd WBRight Turn Lane from Waukesha Bypass Southbound to Sunset DrRight Turn Island from Waukesha Bypass Southbound to Sunset Dr Waukesha Bypass Northbound – Sta 100+37 to B-67-352/353  Waukesha Bypass Northbound – B-67-352/353 to B-67-360/361  Waukesha Bypass Northbound – B-67-360/361to Sta A 172+50 Right Turn Lane from Waukesha Bypass NB to Genesee Rd EBRight Turn Island from Waukesha Bypass NB to Genesee Rd EBRight Turn Lane from Waukesha Bypass Northbound to Sunset DrRight Turn Island from Waukesha Bypass Northbound to Sunset Dr |

## 12\_Proposed Surfaces (xml)

|  |  |
| --- | --- |
| **Filenames** | **Name of Surface for data contained in file** |
| Bypass\_a\_Median.xml  Bypass\_a\_Median-Subgrade.xml  Bypass\_b\_Median.xml  Bypass\_b\_Median-Subgrade.xml  Bypass\_c\_Median.xml  Bypass\_c\_Median-Subgrade.xml  Channel-201wb.xml  DRWY\_GE.xml  DRWY\_GE-Subgrade.xml  DRWY\_GE-3510.xml  DRWY\_GE-3510-Subgrade.xml  DRWY\_GE-3788.xml  DRWY\_GE-3788-Subgrade.xml  DRWY\_GE-5783.xml  DRWY\_GE-5783-Subgrade.xml  DRWY\_WB-10421.xml  DRWY\_WB-10421-Subgrade.xml  DWY\_WB\_16583-LT.xml  DWY\_WB\_16583-LT-Subgrade.xml  DWY\_WB\_16583-RT.xml  DWY\_WB\_16583-RT-Subgrade.xml  GEE\_a.xml  GEE\_a-Subgrade.xml  GEE\_b.xml  GEE\_b-Subgrade.xml  GEE\_c.xml  GEE\_c-Subgrade.xml  GEE-SAN-RT\_Turn.xml  GEE-SAN-RT\_Turn-Subgrade.xml  GEE-SAS-RT\_Turn-Island.xml  GEE-SAS-RT\_Turn-Island-Subgrade.xml  GEE-WBE-RT\_Turn.xml  GEE-WBE-RT\_Turn-Subgrade.xml  GEE-WBE-RT\_Turn-Island.xml  GEE-WBE-RT\_Turn-Island-Subgrade.xml  Genesse\_a\_Median.xml  Genesse\_a\_Median-Subgrade.xml  Genesse\_b\_Median.xml  Genesse\_b\_Median-Subgrade.xml  Genesse\_c\_Median.xml  Genesse\_c\_Median-Subgrade.xml  GEW\_a.xml  GEW\_a-Subgrade.xml  GEW\_b.xml  GEW\_b-Subgrade.xml  GEW\_c.xml  GEW\_c-Subgrade.xml  GEW-WBW-RT\_Turn.xml  GEW-WBW-RT\_Turn-Subgrade.xml  GEW-WBW-RT\_Turn-Island.xml  GEW-WBW-RT\_Turn-Island-Subgrade.xml  Pond-Sta-201WB.xml  SAN.xml  SAN-Subgrade.xml  SAN-GEE-RT\_Turn.xml  SAN-GEE-RT\_Turn-Subgrade.xml  SAN-GEE-RT\_Turn-Island.xml  SAN-GEE-RT\_Turn-Island-Subgrade.xml  SAS.xml  SAS-Subgrade.xml  SAS-VEL-RT-Turn.xml  SAS-VEL-RT-Turn-Subgrade.xml  SUN\_a.xml  SUN\_a-Subgrade.xml  SUN\_b.xml  SUN\_b-Subgrade.xml  SUN-WBE-RT\_Turn.xml  SUN-WBE-RT\_Turn-Subgrade.xml  SUN-WBE-RT\_Turn-Island.xml  SUN-WBE-RT\_Turn-Island-Subgrade.xml  SUN-WBW-RT\_Turn.xml  SUN-WBW-RT\_Turn-Subgrade.xml  SUN-WBW-RT\_Turn-Island.xml  SUN-WBW-RT\_Turn-Island-Subgrade.xml  VEL-SAS-RT-Turn.xml  VEL-SAS-RT-Turn-Subgrade.xml  WBE\_a.xml  WBE\_a-Subgrade.xml  WBE\_b.xml  WBE\_b-Subgrade.xml  WBE\_c.xml  WBE\_c-Subgrade.xml  WBE-GEW-RT\_Turn.xml  WBE-GEW-RT\_Turn-Subgrade.xml  WBE-GEW-RT\_Turn-Island.xml  WBE-GEW-RT\_Turn-Island-Subgrade.xml  WBE-SUN-RT\_Turn.xml  WBE-SUN-RT\_Turn-Subgrade.xml  WBE-SUN-RT\_Turn-Island.xml  WBE-SUN-RT\_Turn-Island-Subgrade.xml  WBW\_a.xml  WBW\_a-Subgrade.xml  WBW\_b.xml  WBW\_b-Subgrade.xml  WBW\_c.xml  WBW\_c-Subgrade.xml  WBW-GEE-RT\_Turn.xml  WBW-GEE-RT\_Turn-Subgrade.xml  WBW-GEE-RT\_Turn-Island.xml  WBW-GEE-RT\_Turn-Island-Subgrade.xml  WBW-SUN-RT\_Turn.xml  WBW-SUN-RT\_Turn-Subgrade.xml  WBW-SUN-RT\_Turn-Island.xml  WBW-SUN-RT\_Turn-Island-Subgrade.xml | Waukesha Bypass – Median – Sta 100+37 to B-67-352/353  Waukesha Bypass – Median – B-67-352/353 to B-67-360/361  Waukesha Bypass – Median – B-67-360/361to Sta A 172+50  Drainage Channel at Sta 201+00  Genesee Driveway at Sta 47+25  Genesee Driveway at Sta 35+10  Genesee Driveway at Sta 37+88  Genesee Driveway at Sta 57+83  Waukesha Bypass Driveway at Sta 104+21  Waukesha Bypass Driveway at Sta 165+83  Waukesha Bypass Driveway at Sta 165+83  Genesee Rd – Sta 34+11 to Waukesha Bypass  Genesee Rd – Waukesha Bypass to B-67-315  Genesee Rd – B-67-315 to Sta 61+84 Right Turn Lane from Genesee Rd Eastbound to Saylesville RdRight Turn Island from Genesee Rd Eastbound to Saylesville RdRight Turn Lane from Genesee Rd Eastbound to Waukesha BypassRight Turn Island from Genesee Rd Eastbound to Waukesha Bypass Genesee Rd – Median – Sta 34+11 to Waukesha Bypass  Genesee Rd – Median – Waukesha Bypass to B-67-315  Genesee Rd – B-67-315 to Sta 61+84  Genesee Rd – Sta 34+11 to Waukesha Bypass  Genesee Rd – Waukesha Bypass to B-67-315  Genesee Rd – B-67-315 to Sta 61+84 Right Turn Lane from Genesee Rd Westbound to Waukesha BypassRight Turn Island from Genesee Rd Westbound to Waukesha Bypass Pond at Sta 201+00 Saylesville RdRight Turn Lane from Saylesville Rd to Genesee Rd EastboundRight Turn Island from Saylesville Rd to Genesee Rd EastboundSaylesville Rd Right Turn Lane from Saylesville Rd to Velma Dr  Sunset Dr – Sta 43+00 to Waukesha Bypass  Sunset Dr – Waukesha Bypass to Sta 66+00 Right Turn Lane from Sunset Dr to Waukesha Bypass SouthboundRight Turn Island from Sunset Dr to Waukesha Bypass SouthboundRight Turn Lane from Sunset Dr to Waukesha Bypass NorthboundRight Turn Island from Sunset Dr to Waukesha Bypass Northbound Right Turn Lane from Velma Dr to Saylesville Rd  Waukesha Bypass Southbound – Sta 100+37 to B-67-352/353  Waukesha Bypass Southbound – B-67-352/353 to B-67-360/361  Waukesha Bypass Southbound – B-67-360/361to Sta A 172+50 Right Turn Lane from Waukesha Bypass SB to Genesee Rd WBRight Turn Island from Waukesha Bypass SB to Genesee Rd WBRight Turn Lane from Waukesha Bypass Southbound to Sunset DrRight Turn Island from Waukesha Bypass Southbound to Sunset Dr Waukesha Bypass Northbound – Sta 100+37 to B-67-352/353  Waukesha Bypass Northbound – B-67-352/353 to B-67-360/361  Waukesha Bypass Northbound – B-67-360/361to Sta A 172+50 Right Turn Lane from Waukesha Bypass NB to Genesee Rd EBRight Turn Island from Waukesha Bypass NB to Genesee Rd EBRight Turn Lane from Waukesha Bypass Northbound to Sunset DrRight Turn Island from Waukesha Bypass Northbound to Sunset Dr |

## 13\_Graphical Data – Reference Files

|  |  |
| --- | --- |
| Filenames | **Description of DGN Contents** |
| ex\_contours.dgn  Forest Interior Area.dgn  HN\_Benchmarks.dgn  HN\_Benchmarks.xlsx  HN\_contours.dgn  HN\_ditch.dgn  HN\_grades.dgn  HN\_pavt.dgn  HN\_PP\_Profiles.dgn  HN\_Radius\_Tables.xlsx  HN\_si.dgn  HN\_ss.dgn  HN\_ss\_020S.dgn  HN\_ss\_020S\_s1.dgn  HN\_ss\_020S\_s2a.dgn  HN\_SS\_Profiles.dgn  HN\_SS\_Profiles\_SR.dgn  HN\_Text\_AD.dgn  HN\_Text\_CD.dgn  HN\_Text\_CD\_CR.dgn  HN\_Text\_PG.dgn  HN\_Text\_PL.dgn  HN\_Text\_Pond.dgn  HN\_Text\_PP.dgn  HN\_Text\_SS.dgn  HN\_Text\_XM.dgn  LP\_lighting.dgn | Existing Contours  Existing Forest Buffer Area  Benchmarks  Benchmarks  Proposed Contours  Proposed Ditches  Pavement Grades  Pavement  Roadway Profiles  Roadway Radius Table  Slope Intercepts  Storm Sewer – 50 Scale  Storm Sewer – 20 Scale  Storm Sewer – 20 Scale Stage 1  Storm Sewer – 20 Scale Stage 2A  Storm Sewer Profiles – Waukesha Bypass  Storm Sewer Profiles – Side Roads  Alignment Text File  Construction Detail Text File  Construction Detail Text File  Paving Grades Text File  Planting Text File  Pond Text File  Plan and Profile Text File  Storm Sewer Text File  Matchline Text File  Lighting |

**14\_Graphical Data \_ Plan Sheets**

|  |  |
| --- | --- |
| **Filenames** | **Description of file** |
| 023112\_pl.pptx  by\_020302\_ts.dgn  by\_020402\_ts.dgn  by\_021020h\_cd.dgn  by\_021011a\_cd.dgn  by\_021017\_cd.dgn  by\_021018h\_cd.dgn  by\_021021h\_cd.dgn  by\_021022h\_cd.dgn  by\_021101\_id.dgn - by\_021106\_id.dgn  by\_021201\_pg.dgn  by\_021204\_pg.dgn  by\_021207\_pg.dgn  by\_021210\_pg.dgn  by\_021213\_pg.dgn  by\_021216\_pg.dgn  by\_021219\_pg.dgn  by\_021220\_pg.dgn  by\_021225h\_pg.dgn  by\_021228h\_pg.dgn  by\_021231h\_pg.dgn  by\_021234h\_pg.dgn  by\_021237h\_pg.dgn  by\_021267h\_pg.dgn  by\_021269h\_pg.dgn  by\_021271h\_pg.dgn  by\_021274h\_pg.dgn  by\_021277\_pg.dgn  by\_021280\_pg.dgn  by\_021283\_pg.dgn  by\_021286\_pg.dgn  by\_021288\_pg.dgn  by\_021290\_pg.dgn  by\_021701\_xm.dgn - by\_021703\_xm.dgn  by\_022501\_ss.dgn - by\_022518\_ss.dgn  by\_022901\_sw.dgn - by\_022906\_sw.dgn  by\_023101\_pl.dgn  by\_027210\_ad.dgn  by\_027211\_ad.dgn  by\_030200\_mq\_ss.dgn  by\_050101\_pp.dgn  by\_050102\_pp.dgn  by\_050103\_pp.dgn  by\_050104\_pp.dgn  by\_050105\_pp.dgn  by\_050106\_pp.dgn  by\_050107\_pp.dgn  by\_050108\_pp.dgn  by\_050109\_pp.dgn  by\_050110\_pp.dgn  by\_050111\_pp.dgn  by\_050112\_pp.dgn  by\_050113\_pp.dgn  by\_050114\_pp.dgn  by\_050115\_pp.dgn  by\_050116\_pp.dgn  by\_050117\_pp.dgn  by\_050118\_pp.dgn  by\_050119\_pp.dgn  by\_050120\_pp.dgn  by\_050121\_pp.dgn  by\_050122\_pp.dgn  by\_050123\_pp.dgn  by\_050124\_pp.dgn  by\_050125\_pp.dgn  by\_050126\_pp.dgn  by\_050127\_pp.dgn  by\_050128\_pp.dgn  by\_050129\_pp.dgn  by\_050130\_pp.dgn  by\_050131\_pp.dgn  by\_050132\_pp.dgn  by\_050133\_pp.dgn  by\_050134\_pp.dgn  by\_050135\_pp.dgn  by\_050136\_pp.dgn  by\_050137\_pp.dgn  by\_050138\_pp.dgn  by\_050139\_pp.dgn  by\_050301\_pp.dgn  by\_050302\_pp.dgn  by\_050303\_pp.dgn  by\_050304\_pp.dgn  by\_050305\_pp.dgn  by\_050306\_pp.dgn  by\_050307\_pp.dgn  by\_050308\_pp.dgn  by\_050309\_pp.dgn  by\_050310\_pp.dgn  by\_050311\_pp.dgn  by\_050312\_pp.dgn  by\_050313\_pp.dgn  by\_050314\_pp.dgn  by\_050315\_pp.dgn  by\_050316\_pp.dgn  by\_050317\_pp.dgn  by\_050318\_pp.dgn  by\_050319\_pp.dgn  by\_050320\_pp.dgn  by\_050321\_pp.dgn  by\_050322\_pp.dgn  by\_050323\_pp.dgn  by\_050324\_pp.dgn  by\_050325\_pp.dgn  by\_050326\_pp.dgn  by\_050327\_pp.dgn  by\_050328\_pp.dgn  by\_050329a\_pp.dgn  by\_050329\_pp.dgn  by\_050506\_pp.dgn  by\_050507\_pp.dgn  by\_090201\_XS\_WB.dgn  by\_090301\_XS\_SA.dgn  by\_090302\_XS\_GE.dgn  by\_090303\_XS\_SUN.dgn  by\_090304\_XS\_DWY.dgn | Planting Miscellaneous Quantity  Existing Typical Sections  Proposed Typical Sections  Construction Details  Construction Details  Construction Details  Construction Details  Construction Details  Construction Details  Intersection Details  Paving Grades  Paving Grades  Paving Grades  Paving Grades  Paving Grades  Paving Grades  Paving Grades  Paving Grades  Paving Grades  Paving Grades  Paving Grades  Paving Grades  Paving Grades  Paving Grades  Paving Grades  Paving Grades  Paving Grades  Paving Grades  Paving Grades  Paving Grades  Paving Grades  Paving Grades  Paving Grades  Matchline  Storm Sewer  Storm Sewer  Planting Plan  Alignment Plan  Alignment Plan  Miscellenous Quantity – Storm Sewer  Plan and Profile – Waukesha Bypass  Plan and Profile – Waukesha Bypass  Plan and Profile – Waukesha Bypass  Plan and Profile – Waukesha Bypass  Plan and Profile – Waukesha Bypass  Plan and Profile – Waukesha Bypass  Plan and Profile – Waukesha Bypass  Plan and Profile – Waukesha Bypass  Plan and Profile – Waukesha Bypass  Plan and Profile – Waukesha Bypass  Plan and Profile – Waukesha Bypass  Plan and Profile – Waukesha Bypass  Plan and Profile – Waukesha Bypass  Plan and Profile – Waukesha Bypass  Plan and Profile – Waukesha Bypass  Plan and Profile – Waukesha Bypass  Plan and Profile – Waukesha Bypass  Plan and Profile – Waukesha Bypass  Plan and Profile – Waukesha Bypass  Plan and Profile – Waukesha Bypass  Plan and Profile – Waukesha Bypass  Plan and Profile – Waukesha Bypass  Plan and Profile – Waukesha Bypass  Plan and Profile – Waukesha Bypass  Plan and Profile – Waukesha Bypass  Plan and Profile – Waukesha Bypass  Plan and Profile – Waukesha Bypass  Plan and Profile – Waukesha Bypass  Plan and Profile – Waukesha Bypass  Plan and Profile – Waukesha Bypass  Plan and Profile – Waukesha Bypass  Plan and Profile – Waukesha Bypass  Plan and Profile – Waukesha Bypass  Plan and Profile – Waukesha Bypass  Plan and Profile – Waukesha Bypass  Plan and Profile – Waukesha Bypass  Plan and Profile – Waukesha Bypass  Plan and Profile – Waukesha Bypass  Plan and Profile – Waukesha Bypass  Plan and Profile – Saylesville Road  Plan and Profile – Saylesville Road  Plan and Profile – Saylesville Road  Plan and Profile – Saylesville Road  Plan and Profile – Saylesville Road  Plan and Profile – Saylesville Road  Plan and Profile – Genesse Road  Plan and Profile – Genesse Road  Plan and Profile – Genesse Road  Plan and Profile – Genesse Road  Plan and Profile – Genesse Road  Plan and Profile – Genesse Road  Plan and Profile – 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Lauren A Zidek 8/22/2018

(Authorized Representative Signature) (Date)

Lauren Zidek (Print Name)

Engineer III (Title)