|  |  |
| --- | --- |
| To:Doug Cain | CountyWaukesha |
| Date:August 22, 2018 | HighwayWaukesha Bypass |
| Project ID2788-00-71 | LimitsUSH 18 |
| Project TypeReconstruction | DescriptionGenesee 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 LeftSTH 59/CTH X - Genesee RdSTH 59/CTH X - Genesee Rd – Eastbound PGLSTH 59/CTH X - Genesee Rd – Westbound PGLCTH X - Saylesville RdCTH X - Saylesville Rd - PGLCTH D - Sunset DrWB - 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.txtGEE\_ali.txtGEW\_ali.txtSA\_ali.txtSA\_pro.txtSAN\_Ali.txtSUN\_ali.txtSUN\_pro.txtWB\_ali.txtWB\_NB\_pro.txtWB\_SB\_pro.txtWB\_A\_ali.txtWB\_A\_NB\_pro.txtWB\_A\_SB\_pro.txt | Horizontal Alignment - DWY\_GE\_4725\_LTVertical Profile - DWY\_GE\_4725\_vHorizontal Alignment - GEVertical Profile - GE\_Prop\_EBVertical Profile - GE\_Prop\_WBHorizontal Alignment – GE Eastbound PGLHorizontal Alignment – GE Westbound PGLHorizontal Alignment - SAVertical Profile - SA\_Prop\_NBHorizontal Alignment – SA PGLHorizontal Alignment - SUNVertical Profile - SUN\_PropHorizontal 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.proGE\_EB.proGE\_WB.proSA.proSUN.proWB\_NB.proWB\_SB.proWB\_A\_NB.proWB\_A\_SB.pro  | DWY\_GE\_4725\_vGE\_Prop\_EBGE\_Prop\_WBSA\_Prop\_NBSUN\_Propv\_NBv\_SBv\_NBv\_SB | DWY\_GE\_4725\_LTGEGESASUNWBWBWB\_AWB\_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.docGEE\_b.docGEE\_c.docGEW\_a.docGEW\_b.docGEW\_c.docSAN.docSAS.docSUN\_a.docSUN\_b.docWBE\_a.docWBE\_c.docWBW\_a.docWBW\_c.doc | GEE-ShoulderGEE\_RT-ShoulderGEE\_Inside\_LnGEE\_LN1-FGEE\_c-RT-LNRT-ShoulderGEW\_Inside\_LnGEW-LT-ShldGEW-Inside\_LnGEW\_c\_Inside\_LnSAN\_Outside\_LnSAN\_RT-ESPSAN\_Outside\_LnSAS-Outside\_Ln SAS-LT\_ShoulderSUN\_LT-LN1SUN\_LT-ESPSUN\_RT-ESPSUN\_RT-LN1SUN\_LT-EPSUN\_LT-ESPSUN\_LT-LNSUN\_RT-ESPSUN\_RT-LNWBE\_LT-EPWBE-LT-ESPWBE\_a-LT-LN1WBE\_LT-LNWBE-LT-EPWBE-LT-ESPWBE\_LT-PGLWBW-RT-EPRT-ShoulderWBW-RT-LN1RT\_Shoulder\_SGWBW\_c\_RT-LN1WBW-RT-ESPWBW\_RT-PGL | GE - Genesee Rd EastboundGE - Genesee Rd WestboundSA - Saylesville Rd NorthboundSA - Saylesville Rd SouthboundSUN - Sunset DrWB - Waukesha Bypass EastboundWB - 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.xlsxGE\_XS\_SLPSTK\_1.xlsxGE\_XS\_SLPSTK\_2.xlsxSA\_XS\_SLPSTK.xlsxSUN\_XS\_SLPSTK\_1.xlsxSUN\_XS\_SLPSTK\_2.xlsxWB\_XS\_SLPSTK\_1.xlsxWB\_XS\_SLPSTK\_2.xlsxWB\_XS\_SLPSTK\_3.xlsxWB\_XS\_SLPSTK\_4.xlsxWB\_XS\_SLPSTK\_5.xlsxWB\_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 Left34+00 – 49+44; STH 59/CTH X - Genesee Rd50+78 – 62+00; STH 59/CTH X - Genesee Rd7+00 – 19+37; CTH X - Saylesville Rd42+50 – 49+41; CTH D - Sunset Dr 50+52 – 64+50; CTH D - Sunset Dr 100+00 – 115+00; Waukesha Bypass115+50 – 121+50 & 128+00 – 128+28; Waukesha Bypass122+00 – 127+50; Waukesha Bypass130+47 – 135+00 & A 136+50 – A 142+00; Waukesha BypassA 136+00; Waukesha BypassA142+50 – A 153+00; Waukesha BypassA 153+50 – A 163+00; Waukesha BypassA 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.txtGE\_XS\_Exist\_1.txtGE\_XS\_Exist\_2.txtSA\_XS\_Exist.txtSUN\_XS\_Exist\_1.txtSUN\_XS\_Exist\_2.txtWB\_XS\_Exist\_1.txtWB\_XS\_Exist\_2.txtWB\_XS\_Exist\_3.txtWB\_XS\_Exist\_4.txtWB\_XS\_Exist\_5.txtWB\_XS\_Exist\_6.txt**Proposed**DWY\_GE\_XS\_Prop.txtGE\_XS\_Prop\_1.txtGE\_XS\_Prop\_2.txtSA\_XS\_Prop.txtSUN\_XS\_Prop\_1.txtSUN\_XS\_Prop\_2.txtWB\_XS\_Prop\_1.txtWB\_XS\_Prop\_2.txtWB\_XS\_Prop\_3.txtWB\_XS\_Prop\_4.txtWB\_XS\_Prop\_5.txtWB\_XS\_Prop\_6.txt**Subgrade**DWY\_GE\_XS\_Subgrade.txtGE\_XS\_Subgrade\_1.txtGE\_XS\_Subgrade\_2.txtSA\_XS\_Subgrade.txtSUN\_XS\_Subgrade\_1.txtSUN\_XS\_Subgrade\_2.txtWB\_XS\_Subgrade\_1.txtWB\_XS\_Subgrade\_2.txtWB\_XS\_Subgrade\_3.txtWB\_XS\_Subgrade\_4.txtWB\_XS\_Subgrade\_5.txtWB\_XS\_Subgrade\_6.txt | 10+64 – 12+8834+00 – 49+4450+78 – 62+007+00 – 19+3742+50 – 49+4150+52 – 64+50100+00 – 115+00115+50 – 128+28130+47 – A 142+00A142+50 – A 153+00A 153+50 – A 163+00A 163+50 – A 172+5010+64 – 12+8834+00 – 49+4450+78 – 62+007+00 – 19+3742+50 – 49+4150+52 – 64+50100+00 – 115+00115+50 – 128+28130+47 – A 142+00A142+50 – A 153+00A 153+50 – A 163+00A 163+50 – A 172+5010+64 – 12+8834+00 – 49+4450+78 – 62+007+00 – 19+3742+50 – 49+4150+52 – 64+50100+00 – 115+00115+50 – 128+28130+47 – A 142+00A142+50 – A 153+00A 153+50 – A 163+00A 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 RdCTH D - Sunset Dr CTH D - Sunset DrWaukesha BypassWaukesha BypassWaukesha BypassWaukesha BypassWaukesha BypassWaukesha BypassDriveway off Genesee Rd at Station 47+25 LeftSTH 59/CTH X - Genesee RdSTH 59/CTH X - Genesee RdCTH X - Saylesville RdCTH D - Sunset Dr CTH D - Sunset DrWaukesha BypassWaukesha BypassWaukesha BypassWaukesha BypassWaukesha BypassWaukesha BypassDriveway off Genesee Rd at Station 47+25 LeftSTH 59/CTH X - Genesee RdSTH 59/CTH X - Genesee RdCTH X - Saylesville RdCTH D - Sunset Dr CTH D - Sunset DrWaukesha BypassWaukesha BypassWaukesha BypassWaukesha BypassWaukesha BypassWaukesha Bypass |

## 11\_Proposed Surfaces (dtm)

|  |  |
| --- | --- |
| **Filename** | **Name of Surface for data contained in file** |
| Bypass\_a\_Median.dtmBypass\_a\_Median-Subgrade.dtmBypass\_b\_Median.dtmBypass\_b\_Median-Subgrade.dtmBypass\_c\_Median.dtmBypass\_c\_Median-Subgrade.dtmChannel-201wb.dtmDRWY\_GE.dtmDRWY\_GE-Subgrade.dtmDRWY\_GE-3510.dtmDRWY\_GE-3510-Subgrade.dtmDRWY\_GE-3788.dtmDRWY\_GE-3788-Subgrade.dtmDRWY\_GE-5783.dtmDRWY\_GE-5783-Subgrade.dtmDRWY\_WB-10421.dtmDRWY\_WB-10421-Subgrade.dtmDWY\_WB\_16583-LT.dtmDWY\_WB\_16583-LT-Subgrade.dtmDWY\_WB\_16583-RT.dtmDWY\_WB\_16583-RT-Subgrade.dtmGEE\_a.dtmGEE\_a-Subgrade.dtmGEE\_b.dtmGEE\_b-Subgrade.dtmGEE\_c.dtmGEE\_c-Subgrade.dtmGEE-SAN-RT\_Turn.dtmGEE-SAN-RT\_Turn-Subgrade.dtm GEE-SAS-RT\_Turn-Island.dtmGEE-SAS-RT\_Turn-Island-Subgrade.dtmGEE-WBE-RT\_Turn.dtmGEE-WBE-RT\_Turn-Subgrade.dtmGEE-WBE-RT\_Turn-Island.dtmGEE-WBE-RT\_Turn-Island-Subgrade.dtmGenesse\_a\_Median.dtmGenesse\_a\_Median-Subgrade.dtmGenesse\_b\_Median.dtmGenesse\_b\_Median-Subgrade.dtmGenesse\_c\_Median.dtmGenesse\_c\_Median-Subgrade.dtmGEW\_a.dtmGEW\_a-Subgrade.dtmGEW\_b.dtmGEW\_b-Subgrade.dtmGEW\_c.dtmGEW\_c-Subgrade.dtmGEW-WBW-RT\_Turn.dtmGEW-WBW-RT\_Turn-Subgrade.dtmGEW-WBW-RT\_Turn-Island.dtmGEW-WBW-RT\_Turn-Island-Subgrade.dtmPond-Sta-201WB.dtmSAN.dtmSAN-Subgrade.dtmSAN-GEE-RT\_Turn.dtmSAN-GEE-RT\_Turn-Subgrade.dtmSAN-GEE-RT\_Turn-Island.dtmSAN-GEE-RT\_Turn-Island-Subgrade.dtmSAS.dtmSAS-Subgrade.dtmSAS-VEL-RT-Turn.dtmSAS-VEL-RT-Turn-Subgrade.dtmSUN\_a.dtmSUN\_a-Subgrade.dtmSUN\_b.dtmSUN\_b-Subgrade.dtmSUN-WBE-RT\_Turn.dtmSUN-WBE-RT\_Turn-Subgrade.dtmSUN-WBE-RT\_Turn-Island.dtmSUN-WBE-RT\_Turn-Island-Subgrade.dtmSUN-WBW-RT\_Turn.dtmSUN-WBW-RT\_Turn-Subgrade.dtmSUN-WBW-RT\_Turn-Island.dtmSUN-WBW-RT\_Turn-Island-Subgrade.dtmVEL-SAS-RT-Turn.dtmVEL-SAS-RT-Turn-Subgrade.dtmWBE\_a.dtmWBE\_a-Subgrade.dtmWBE\_b.dtmWBE\_b-Subgrade.dtmWBE\_c.dtmWBE\_c-Subgrade.dtmWBE-GEW-RT\_Turn.dtmWBE-GEW-RT\_Turn-Subgrade.dtmWBE-GEW-RT\_Turn-Island.dtmWBE-GEW-RT\_Turn-Island-Subgrade.dtmWBE-SUN-RT\_Turn.dtmWBE-SUN-RT\_Turn-Subgrade.dtmWBE-SUN-RT\_Turn-Island.dtmWBE-SUN-RT\_Turn-Island-Subgrade.dtmWBW\_a.dtmWBW\_a-Subgrade.dtmWBW\_b.dtmWBW\_b-Subgrade.dtmWBW\_c.dtmWBW\_c-Subgrade.dtmWBW-GEE-RT\_Turn.dtmWBW-GEE-RT\_Turn-Subgrade.dtmWBW-GEE-RT\_Turn-Island.dtmWBW-GEE-RT\_Turn-Island-Subgrade.dtmWBW-SUN-RT\_Turn.dtmWBW-SUN-RT\_Turn-Subgrade.dtmWBW-SUN-RT\_Turn-Island.dtmWBW-SUN-RT\_Turn-Island-Subgrade.dtm | Waukesha Bypass – Median – Sta 100+37 to B-67-352/353Waukesha Bypass – Median – B-67-352/353 to B-67-360/361Waukesha Bypass – Median – B-67-360/361to Sta A 172+50Drainage Channel at Sta 201+00Genesee Driveway at Sta 47+25Genesee Driveway at Sta 35+10Genesee Driveway at Sta 37+88Genesee Driveway at Sta 57+83Waukesha Bypass Driveway at Sta 104+21Waukesha Bypass Driveway at Sta 165+83Waukesha Bypass Driveway at Sta 165+83Genesee Rd – Sta 34+11 to Waukesha BypassGenesee Rd – Waukesha Bypass to B-67-315Genesee Rd – B-67-315 to Sta 61+84Right 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 BypassGenesee Rd – Median – Sta 34+11 to Waukesha BypassGenesee Rd – Median – Waukesha Bypass to B-67-315Genesee Rd – B-67-315 to Sta 61+84Genesee Rd – Sta 34+11 to Waukesha BypassGenesee Rd – Waukesha Bypass to B-67-315Genesee Rd – B-67-315 to Sta 61+84Right Turn Lane from Genesee Rd Westbound to Waukesha BypassRight Turn Island from Genesee Rd Westbound to Waukesha BypassPond at Sta 201+00Saylesville RdRight Turn Lane from Saylesville Rd to Genesee Rd EastboundRight Turn Island from Saylesville Rd to Genesee Rd EastboundSaylesville RdRight Turn Lane from Saylesville Rd to Velma DrSunset Dr – Sta 43+00 to Waukesha BypassSunset Dr – Waukesha Bypass to Sta 66+00Right 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 NorthboundRight Turn Lane from Velma Dr to Saylesville RdWaukesha Bypass Southbound – Sta 100+37 to B-67-352/353Waukesha Bypass Southbound – B-67-352/353 to B-67-360/361Waukesha Bypass Southbound – B-67-360/361to Sta A 172+50Right 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 DrWaukesha Bypass Northbound – Sta 100+37 to B-67-352/353Waukesha Bypass Northbound – B-67-352/353 to B-67-360/361Waukesha Bypass Northbound – B-67-360/361to Sta A 172+50Right 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.xmlBypass\_a\_Median-Subgrade.xmlBypass\_b\_Median.xmlBypass\_b\_Median-Subgrade.xmlBypass\_c\_Median.xmlBypass\_c\_Median-Subgrade.xmlChannel-201wb.xmlDRWY\_GE.xmlDRWY\_GE-Subgrade.xmlDRWY\_GE-3510.xmlDRWY\_GE-3510-Subgrade.xmlDRWY\_GE-3788.xmlDRWY\_GE-3788-Subgrade.xmlDRWY\_GE-5783.xmlDRWY\_GE-5783-Subgrade.xmlDRWY\_WB-10421.xmlDRWY\_WB-10421-Subgrade.xmlDWY\_WB\_16583-LT.xmlDWY\_WB\_16583-LT-Subgrade.xmlDWY\_WB\_16583-RT.xmlDWY\_WB\_16583-RT-Subgrade.xmlGEE\_a.xmlGEE\_a-Subgrade.xmlGEE\_b.xmlGEE\_b-Subgrade.xmlGEE\_c.xmlGEE\_c-Subgrade.xmlGEE-SAN-RT\_Turn.xmlGEE-SAN-RT\_Turn-Subgrade.xml GEE-SAS-RT\_Turn-Island.xmlGEE-SAS-RT\_Turn-Island-Subgrade.xmlGEE-WBE-RT\_Turn.xmlGEE-WBE-RT\_Turn-Subgrade.xmlGEE-WBE-RT\_Turn-Island.xmlGEE-WBE-RT\_Turn-Island-Subgrade.xmlGenesse\_a\_Median.xmlGenesse\_a\_Median-Subgrade.xmlGenesse\_b\_Median.xmlGenesse\_b\_Median-Subgrade.xmlGenesse\_c\_Median.xmlGenesse\_c\_Median-Subgrade.xmlGEW\_a.xmlGEW\_a-Subgrade.xmlGEW\_b.xmlGEW\_b-Subgrade.xmlGEW\_c.xmlGEW\_c-Subgrade.xmlGEW-WBW-RT\_Turn.xmlGEW-WBW-RT\_Turn-Subgrade.xmlGEW-WBW-RT\_Turn-Island.xmlGEW-WBW-RT\_Turn-Island-Subgrade.xmlPond-Sta-201WB.xmlSAN.xmlSAN-Subgrade.xmlSAN-GEE-RT\_Turn.xmlSAN-GEE-RT\_Turn-Subgrade.xmlSAN-GEE-RT\_Turn-Island.xmlSAN-GEE-RT\_Turn-Island-Subgrade.xmlSAS.xmlSAS-Subgrade.xmlSAS-VEL-RT-Turn.xmlSAS-VEL-RT-Turn-Subgrade.xmlSUN\_a.xmlSUN\_a-Subgrade.xmlSUN\_b.xmlSUN\_b-Subgrade.xmlSUN-WBE-RT\_Turn.xmlSUN-WBE-RT\_Turn-Subgrade.xmlSUN-WBE-RT\_Turn-Island.xmlSUN-WBE-RT\_Turn-Island-Subgrade.xmlSUN-WBW-RT\_Turn.xmlSUN-WBW-RT\_Turn-Subgrade.xmlSUN-WBW-RT\_Turn-Island.xmlSUN-WBW-RT\_Turn-Island-Subgrade.xmlVEL-SAS-RT-Turn.xmlVEL-SAS-RT-Turn-Subgrade.xmlWBE\_a.xmlWBE\_a-Subgrade.xmlWBE\_b.xmlWBE\_b-Subgrade.xmlWBE\_c.xmlWBE\_c-Subgrade.xmlWBE-GEW-RT\_Turn.xmlWBE-GEW-RT\_Turn-Subgrade.xmlWBE-GEW-RT\_Turn-Island.xmlWBE-GEW-RT\_Turn-Island-Subgrade.xmlWBE-SUN-RT\_Turn.xmlWBE-SUN-RT\_Turn-Subgrade.xmlWBE-SUN-RT\_Turn-Island.xmlWBE-SUN-RT\_Turn-Island-Subgrade.xmlWBW\_a.xmlWBW\_a-Subgrade.xmlWBW\_b.xmlWBW\_b-Subgrade.xmlWBW\_c.xmlWBW\_c-Subgrade.xmlWBW-GEE-RT\_Turn.xmlWBW-GEE-RT\_Turn-Subgrade.xmlWBW-GEE-RT\_Turn-Island.xmlWBW-GEE-RT\_Turn-Island-Subgrade.xmlWBW-SUN-RT\_Turn.xmlWBW-SUN-RT\_Turn-Subgrade.xmlWBW-SUN-RT\_Turn-Island.xmlWBW-SUN-RT\_Turn-Island-Subgrade.xml | Waukesha Bypass – Median – Sta 100+37 to B-67-352/353Waukesha Bypass – Median – B-67-352/353 to B-67-360/361Waukesha Bypass – Median – B-67-360/361to Sta A 172+50Drainage Channel at Sta 201+00Genesee Driveway at Sta 47+25Genesee Driveway at Sta 35+10Genesee Driveway at Sta 37+88Genesee Driveway at Sta 57+83Waukesha Bypass Driveway at Sta 104+21Waukesha Bypass Driveway at Sta 165+83Waukesha Bypass Driveway at Sta 165+83Genesee Rd – Sta 34+11 to Waukesha BypassGenesee Rd – Waukesha Bypass to B-67-315Genesee Rd – B-67-315 to Sta 61+84Right 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 BypassGenesee Rd – Median – Sta 34+11 to Waukesha BypassGenesee Rd – Median – Waukesha Bypass to B-67-315Genesee Rd – B-67-315 to Sta 61+84Genesee Rd – Sta 34+11 to Waukesha BypassGenesee Rd – Waukesha Bypass to B-67-315Genesee Rd – B-67-315 to Sta 61+84Right Turn Lane from Genesee Rd Westbound to Waukesha BypassRight Turn Island from Genesee Rd Westbound to Waukesha BypassPond at Sta 201+00Saylesville RdRight Turn Lane from Saylesville Rd to Genesee Rd EastboundRight Turn Island from Saylesville Rd to Genesee Rd EastboundSaylesville RdRight Turn Lane from Saylesville Rd to Velma DrSunset Dr – Sta 43+00 to Waukesha BypassSunset Dr – Waukesha Bypass to Sta 66+00Right 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 NorthboundRight Turn Lane from Velma Dr to Saylesville RdWaukesha Bypass Southbound – Sta 100+37 to B-67-352/353Waukesha Bypass Southbound – B-67-352/353 to B-67-360/361Waukesha Bypass Southbound – B-67-360/361to Sta A 172+50Right 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 DrWaukesha Bypass Northbound – Sta 100+37 to B-67-352/353Waukesha Bypass Northbound – B-67-352/353 to B-67-360/361Waukesha Bypass Northbound – B-67-360/361to Sta A 172+50Right 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.dgnForest Interior Area.dgnHN\_Benchmarks.dgnHN\_Benchmarks.xlsxHN\_contours.dgnHN\_ditch.dgnHN\_grades.dgnHN\_pavt.dgnHN\_PP\_Profiles.dgnHN\_Radius\_Tables.xlsxHN\_si.dgnHN\_ss.dgnHN\_ss\_020S.dgnHN\_ss\_020S\_s1.dgnHN\_ss\_020S\_s2a.dgnHN\_SS\_Profiles.dgnHN\_SS\_Profiles\_SR.dgnHN\_Text\_AD.dgnHN\_Text\_CD.dgnHN\_Text\_CD\_CR.dgnHN\_Text\_PG.dgnHN\_Text\_PL.dgnHN\_Text\_Pond.dgnHN\_Text\_PP.dgnHN\_Text\_SS.dgnHN\_Text\_XM.dgnLP\_lighting.dgn | Existing ContoursExisting Forest Buffer AreaBenchmarksBenchmarksProposed ContoursProposed DitchesPavement GradesPavementRoadway ProfilesRoadway Radius TableSlope InterceptsStorm Sewer – 50 ScaleStorm Sewer – 20 ScaleStorm Sewer – 20 Scale Stage 1Storm Sewer – 20 Scale Stage 2AStorm Sewer Profiles – Waukesha BypassStorm Sewer Profiles – Side RoadsAlignment Text FileConstruction Detail Text FileConstruction Detail Text FilePaving Grades Text FilePlanting Text FilePond Text FilePlan and Profile Text FileStorm Sewer Text FileMatchline Text FileLighting |

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

|  |  |
| --- | --- |
| **Filenames** | **Description of file**  |
| 023112\_pl.pptxby\_020302\_ts.dgnby\_020402\_ts.dgnby\_021020h\_cd.dgnby\_021011a\_cd.dgnby\_021017\_cd.dgnby\_021018h\_cd.dgnby\_021021h\_cd.dgnby\_021022h\_cd.dgnby\_021101\_id.dgn - by\_021106\_id.dgnby\_021201\_pg.dgnby\_021204\_pg.dgnby\_021207\_pg.dgnby\_021210\_pg.dgnby\_021213\_pg.dgnby\_021216\_pg.dgnby\_021219\_pg.dgnby\_021220\_pg.dgnby\_021225h\_pg.dgnby\_021228h\_pg.dgnby\_021231h\_pg.dgnby\_021234h\_pg.dgnby\_021237h\_pg.dgnby\_021267h\_pg.dgnby\_021269h\_pg.dgnby\_021271h\_pg.dgnby\_021274h\_pg.dgnby\_021277\_pg.dgnby\_021280\_pg.dgnby\_021283\_pg.dgnby\_021286\_pg.dgnby\_021288\_pg.dgnby\_021290\_pg.dgnby\_021701\_xm.dgn - by\_021703\_xm.dgnby\_022501\_ss.dgn - by\_022518\_ss.dgnby\_022901\_sw.dgn - by\_022906\_sw.dgnby\_023101\_pl.dgnby\_027210\_ad.dgnby\_027211\_ad.dgnby\_030200\_mq\_ss.dgnby\_050101\_pp.dgnby\_050102\_pp.dgnby\_050103\_pp.dgnby\_050104\_pp.dgnby\_050105\_pp.dgnby\_050106\_pp.dgnby\_050107\_pp.dgnby\_050108\_pp.dgnby\_050109\_pp.dgnby\_050110\_pp.dgnby\_050111\_pp.dgnby\_050112\_pp.dgnby\_050113\_pp.dgnby\_050114\_pp.dgnby\_050115\_pp.dgnby\_050116\_pp.dgnby\_050117\_pp.dgnby\_050118\_pp.dgnby\_050119\_pp.dgnby\_050120\_pp.dgnby\_050121\_pp.dgnby\_050122\_pp.dgnby\_050123\_pp.dgnby\_050124\_pp.dgnby\_050125\_pp.dgnby\_050126\_pp.dgnby\_050127\_pp.dgnby\_050128\_pp.dgnby\_050129\_pp.dgnby\_050130\_pp.dgnby\_050131\_pp.dgnby\_050132\_pp.dgnby\_050133\_pp.dgnby\_050134\_pp.dgnby\_050135\_pp.dgnby\_050136\_pp.dgnby\_050137\_pp.dgnby\_050138\_pp.dgnby\_050139\_pp.dgnby\_050301\_pp.dgnby\_050302\_pp.dgnby\_050303\_pp.dgnby\_050304\_pp.dgnby\_050305\_pp.dgnby\_050306\_pp.dgnby\_050307\_pp.dgnby\_050308\_pp.dgnby\_050309\_pp.dgnby\_050310\_pp.dgnby\_050311\_pp.dgnby\_050312\_pp.dgnby\_050313\_pp.dgnby\_050314\_pp.dgnby\_050315\_pp.dgnby\_050316\_pp.dgnby\_050317\_pp.dgnby\_050318\_pp.dgnby\_050319\_pp.dgnby\_050320\_pp.dgnby\_050321\_pp.dgnby\_050322\_pp.dgnby\_050323\_pp.dgnby\_050324\_pp.dgnby\_050325\_pp.dgnby\_050326\_pp.dgnby\_050327\_pp.dgnby\_050328\_pp.dgnby\_050329a\_pp.dgnby\_050329\_pp.dgnby\_050506\_pp.dgnby\_050507\_pp.dgnby\_090201\_XS\_WB.dgnby\_090301\_XS\_SA.dgnby\_090302\_XS\_GE.dgnby\_090303\_XS\_SUN.dgnby\_090304\_XS\_DWY.dgn | Planting Miscellaneous QuantityExisting Typical SectionsProposed Typical SectionsConstruction DetailsConstruction DetailsConstruction DetailsConstruction DetailsConstruction DetailsConstruction DetailsIntersection DetailsPaving GradesPaving GradesPaving GradesPaving GradesPaving GradesPaving GradesPaving GradesPaving GradesPaving GradesPaving GradesPaving GradesPaving GradesPaving GradesPaving GradesPaving GradesPaving GradesPaving GradesPaving GradesPaving GradesPaving GradesPaving GradesPaving GradesPaving GradesMatchlineStorm SewerStorm SewerPlanting PlanAlignment PlanAlignment PlanMiscellenous Quantity – Storm SewerPlan and Profile – Waukesha BypassPlan and Profile – Waukesha BypassPlan and Profile – Waukesha BypassPlan and Profile – Waukesha BypassPlan and Profile – Waukesha BypassPlan and Profile – Waukesha BypassPlan and Profile – Waukesha BypassPlan and Profile – Waukesha BypassPlan and Profile – Waukesha BypassPlan and Profile – Waukesha BypassPlan and Profile – Waukesha 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– Waukesha BypassCross sections – Saylesville RoadCross sections – Genesse RoadCross sections – Sunset DriveCross sections – Driveway at STA 47+25 |

 Lauren A Zidek 8/22/2018

 (Authorized Representative Signature) (Date)

 Lauren Zidek (Print Name)

 Engineer III (Title)