**Civil 3D Metadata Sheet for WisDOT Project – Design Data**

(An editable version of this document can be found in the Metadata folder of the WisDOT Civil 3D Project Template.)

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| --- | --- | --- | --- |
| To |  | County | Columbia |
| Date | 8-11-2017 | Highway | IH 39 |
| Design ID | 1010-02-02 | Limits | CTH CS – Portage Interchange |
| Const ID(s) | 1010-02-85 | Desc | Madison - Portage |
| Project Type | Interstate Rehabilitation |  |  |

Prepared by:

|  |  |  |  |
| --- | --- | --- | --- |
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Notes

* This document should be included with the files in the design project submittal.
* See FDM 19-10-43.3.1 AutoCAD Civil 3D Project Data Submittal for requirements.
* See FDM 15-5-3 for naming conventions.

**Field Control data**

|  |  |
| --- | --- |
| Folder location and filename  (ex. ProjID\BaseData\Survey\XxxYyy.dwg) | Civil 3D control point names |
| 10100202\BaseData\Survey\All Points.dwg | CP 3800, 5484; CP NL 17,18 |
| 10100202\BaseData\Survey\Control Points.dwg | CPF 103-110, 5595, 5597, 5598; CPS 111-135 |

**Existing surface(s)**

|  |  |
| --- | --- |
| Folder location and filename(s)  (ex. ProjID\BaseData\Surf-Ex.dwg) | Surface names |
| 10100202\Design\Surfaces\Surveyed Pasted Surface.dwg | Pasted Surface |

**Existing topography – general**

|  |  |
| --- | --- |
| Folder location and filename(s)  (ex. ProjID\BaseData\Topo-Ex.dwg) | Description of file contents |
| 10100202\BaseData\Mapping\Topo.dwg | Topography file containing existing line work of roadways, structures and everything else related to this corridor. This file also contains some wetland information. |
| 10100202\BaseData\Other\Wetland Boundaries.dwg | Existing wetland boundaries delineated and surveyed. |

**Existing topography – utilities**

|  |  |
| --- | --- |
| Folder location and filename(s)  (ex. ProjID\BaseData\Uti-Ex.dwg) | Description of file contents |
| 10100202\BaseData\Mapping\Proposed Transmission Lines.dwg | Proposed ATC transmission lines and pole locations. These are all approximate as these utilities were not constructed at the time of design. |
| 10100202\BaseData\Mapping\Utilities.dwg | Existing utilities based off of system maps from utilities. |

**Reference alignments** (alignment objects not used as a reference line or corridor baseline do not need to be listed)

|  |  |  |
| --- | --- | --- |
| Folder location and filenames  (ex. ProjID\Design\AliProfs\XxxYyy.dwg) | Alignment name(s) in file used as reference line or corridor baseline | Description of alignment location, station range, and any information on station equation in the format of BK:AH |
| 10100202\Design\AliProfs\Align.dwg | Alignment – IH 39 SB | Existing median side lane edge of IH 39/90/94 southbound.  STA 805+15.00’SB’ – STA 1415+66.48’SB’ |
|  | Alignment – IH 39 NB | Existing median side lane edge of IH 39/90/94 northbound.  STA 804+35.00’NB’ – STA 1584+53.61’NB’ |
|  | Petro N-E\_Ramp E | Existing lane edge of IH 39/90/94 southbound entrance ramp from STH 78.  STA 10+00.00’E’ – STA 22+45.80’E’ |
|  | Petro S-E Ramp F | Existing lane edge of IH 39 southbound entrance ramp  STA 955+00.00’F’ – STA 1013+57.66’F’ |
|  | Petro E-N Ramp G | Existing lane edge of IH 90/94 southbound exit ramp to STH 78 northbound  STA 958+00.00’G’ – STA 1004+74.65’G’ |
|  | Petro E-S Ramp H | Existing lane edge of IH 90/94 southbound exit ramp to STH 78 southbound  STA 976+00.00’H’ – STA 991+44.06’H’ |
|  | Petro W-N Ramp I | Existing lane edge of IH 39 northbound exit ramp  STA 967+50.00’I’ – STA 1011+89.48’I’ |
|  | Petro W-S\_Ramp J | Existing lane edge of STH 78 westbound exit ramp from IH 39/90/94 northbound.  STA 967+30.43’J’ – STA 1005+09.27’J’ |
|  | Petro N-W\_Ramp K | Existing lane edge of IH 90/94 northbound entrance ramp from STH 78.  STA 968+78.45’K’ – STA 984+31.13’K’ |
|  | Petro S-W Ramp L | Existing lane edge of IH 90\94 northbound entrance ramp from IH 39 southbound.  STA 964+40.00’L’ – STA 994+27.31’L’ |
|  | STH 78 SB Ramp M | STH 78 southbound  STA 29+10.00’M’ – STA 62+25.12’M’ |
|  | STH 78 NB Ramp N | STH 78 northbound  STA 34+50.00’N’ – STA 76+71.26’N’ |

**Reference profiles**

|  |  |  |
| --- | --- | --- |
| Folder location and filenames  (ex. ProjID\Design\AliProfs\XxxYyy.dwg) | Alignment used as reference line or corridor baseline | Profile(s) used for reference line or corridor baseline |
| 10100202\Design\AliProfs\Align.dwg | Alignment – IH 39 SB | Proposed Profile – IH 39 SB |
|  | Alignment – IH 39 NB | Proposed Profile – IH 39 NB |
|  | Petro N-E\_Ramp E | Proposed Profile – Ramp E |
|  | Petro N-W Ramp K | Ramp K Proposed |
|  | Petro W-S Ramp J | Petro W-S Ramp J Prof |

**Corridors**

|  |  |  |
| --- | --- | --- |
| Folder location and filenames  (ex. ProjID\Design\Corridors\XxxYyy.dwg) | Alignment used as reference line or corridor baseline | Profile(s) used for reference line or corridor baseline |
| 10100202\Design\Corridors\Corridor – IH 39 (114200-134500).dwg | Alignment – IH 39 SB | Proposed Profile – IH 39 SB |
|  | Alignment – IH 39 NB | Proposed Profile – IH 39 NB |
| 10100202\Design\Corridors\Corridor – IH 39 Petro Ramps.dwg | Petro N-E\_Ramp E | Proposed Profile – Ramp E |
|  | Petro N-W Ramp K | Ramp K Proposed |
|  | Petro W-S Ramp J | Petro W-S Ramp J Prof |

**Proposed Surfaces**

|  |  |  |
| --- | --- | --- |
| Folder location and filenames  (ex. ProjID\Design\Surfaces\XxxYyy.dwg) | Refinement Surface | Corridor and Grading surface(s) used |
| 10100202\Design\Corridors\Corridor – IH 39 (114200-134500).dwg | N/A | Corridor – IH 39 SB (114200-134500),  Top Surface – Corridor – IH 39 SB (114200-134500) |
|  | N/A | Corridor – IH 39 NB (114200-134500),  Top Surface – Corridor – IH 39 NB (114200-134500) |
| 10100202\Design\Corridors\Corridor – IH 39 Petro Ramps.dwg | N/A | Petro N-E\_Ramp E  Top Surface – E Ramp |
|  | N/A | Petro W-S Ramp J  Top Surface – J Ramp |
|  | N/A | Petro W-S Ramp J 990+03  Top Surface – J Ramp 3000-3300 |
|  | N/A | Petro N-W Ramp K  Top Surface – K Ramp |

**Right-of-Way monumentation - points**

|  |  |  |
| --- | --- | --- |
| Folder location and filename  (ex. ProjID\RW\Misc\_Info\SurveyInfo\XxxYyy.dwg) | Civil 3D monumentation point names | File containing point attribute data  (ex. ProjID\RW\Misc\_Info\SurveyInfo\RW-MonPoints.xlsx) |
| N/A |  |  |

**Right-of-Way monumentation - alignments**

|  |  |  |
| --- | --- | --- |
| Folder location and filename  (ex. ProjID\RW\DWG\XxxYyy.dwg) | Right-of-way alignment names | Describe alignment report file names  (ex. ProjID\RW\Misc\_Info\Reports\<Ali Name>-AliDesc.csv) |
| N/A |  |  |

**Right-of-Way - parcels**

|  |  |  |
| --- | --- | --- |
| Folder location and filename  (ex. ProjID\RW\DWG\XxxYyy.dwg) | Right-of-way parcel site names | Closure reports.  (ex. ProjID\Misc\_Info\Reports\<Plat Sheet>.docx) |
| N/A |  |  |

**Proposed Cross Sections**

|  |  |  |
| --- | --- | --- |
| Folder location and filenames  (ex. ProjID\SheetsPlan\09####-xs.dwg) | Section view group name | Alignment and station range |
| 10100202\SheetsPlan\Construction Project 2, 1010-02-85\090202\_xs.dwg | Section View Group – 4 | Alignment – IH 39 SB; STA 1149+00 – 1344+00 |
| 10100202\SheetsPlan\Construction Project 2, 1010-02-85\090204\_xs.dwg | Section View Group – 1 | Alignment – IH 39 NB; STA 1167+23 – 1345+00 |
| 10100202\SheetsPlan\Construction Project 2, 1010-02-85\090207\_xs-Ramp E.dwg | Section View Group – 2  Section View Group – 4  Individual section views | Petro N-E\_Ramp E; STA 11+58 - 20+98  Petro N-E\_Ramp E; STA 21+00 - 22+00  Petro N-E\_Ramp E; STA 15+63 – 22+43 |
| 10100202\SheetsPlan\Construction Project 2, 1010-02-85\090208\_xs-Ramp J.dwg | Section View Group – 1  Individual section views | Petro W-S\_Ramp J; STA 972+00 – 981+41; STA 990+50 – 993+00  Petro W-S\_Ramp J; STA 971+59 – 993+00 |
| 10100202\SheetsPlan\Construction Project 2, 1010-02-85\090209\_xs-Ramp K.dwg | Section View Group – 1  Individual section views | Petro N-W\_Ramp K; STA 974+91 – 982+85  Petro N-W\_Ramp K; STA 981+59 – 984+02 |

**Graphical Data – Plan Reference Files**

|  |  |
| --- | --- |
| Folder location and filenames  (ex. ProjID\\*\\*.dwg | Description of file contents |
| 10100202\Design\Edgelines\Pavt-South.dwg | Proposed line work south of the Wisconsin River bridge. |
| 10100202\Design\Edgelines\Pavt-North.dwg | Proposed line work north of the Wisconsin River bridge. |
| 10100202\Design\Edgelines\Slope Intercepts.dwg | Proposed slope intercepts. |
| 10100202\Design\Edgelines\Petro Ramps.dwg | Proposed line work at various Petro Interchange ramps. |
|  |  |
|  |  |

**Graphical Data – Plan Sheets**

|  |  |
| --- | --- |
| Folder location and filenames  (ex. ProjID\SheetsPlan\######-\*\*.dwg | Description of file contents |
| 10100202\SheetsPlan\Construction Project 2, 1010-02-85\010101\_ti.dwg | Title Sheet |
| 10100202\SheetsPlan\Construction Project 2, 1010-02-85\020101\_gn.dwg | General Notes |
| 10100202\SheetsPlan\Construction Project 2, 1010-02-85\020201\_po.dwg | Project Overview |
| 10100202\SheetsPlan\Construction Project 2, 1010-02-85\020301\_ts.dwg | Typical Sections |
| 10100202\SheetsPlan\Construction Project 2, 1010-02-85\020302\_ts-Ramps.dwg | Typical Sections |
| 10100202\SheetsPlan\Construction Project 2, 1010-02-85\021002\_cd-Project 2 – 021006,021009,021011\_cd-Project 2.dwg | Construction Details |
| 10100202\SheetsPlan\Construction Project 2, 1010-02-85\022001\_ec,022001\_ec-Ramp E, 022001\_ec-Ramp J, 022001\_ed-Ramp K.dwg | Erosion Control Details |
| 10100202\SheetsPlan\Construction Project 2, 1010-02-85\024501\_pm-Project 2.dwg, 024501\_pm-Ramps.dwg | Pavement Marking Details |
| 10100202\SheetsPlan\Construction Project 2, 1010-02-85\023301\_aw.dwg | Advanced Warning Signing Details |
|  | Traffic Control / Staging Details |
| 10100202\SheetsPlan\Construction Project 2, 1010-02-85\027201\_ad.dwg | Alignment Details |
| 10100202\SheetsPlan\Construction Project 2, 1010-02-85\030201\_mq.dwg | Miscellaneous Quantities |
| 10100202\SheetsPlan\Construction Project 2, 1010-02-85\021201\_pd-Project 2.dwg | Plan Sheets |
|  | Plan and Profile |
| 10100202\SheetsPlan\Construction Project 2, 1010-02-85\090101\_ew.dwg | Earthwork Quantities |
|  |  |
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