# TITLE SHEET MAP DOCUMENTATION

Acrobat pdf document describing procedure to set up the location map on a title sheet using T.D.O.T. Roadway Design Division maps with MicroStation.

### **Table of Contents**

Download T.D.O.T. Roadway Design Division County map(s) to your Working Project Folder	2
Attach the County Map(s) to a New Title Sheet	
Method #2:	4
Title Sheet Levels for Plan Phases	6
TDOT – Preliminary Title Sheet	6
TDOT – Right-Of-Way Title Sheet	7
TDOT – Construction Title Sheet	8
TDOT – Construction #2 Title Sheet	9
Consultant – Preliminary Title Sheet	10
Consultant – Right-Of-Way Title Sheet	11
Consultant – Construction Title Sheet	12
Consultant – Construction #2 Title Sheet	13
Resurfacing Title Sheet	14
Resurface and Safety Title Sheet	15
ROW Utilities Only Title Sheet	16
Other Mapping files	17
Using City and Planimetric Maps or Other Non-NAD83 Maps	17

Page | 1

# Download T.D.O.T. Roadway Design Division County map(s) to your Working Project Folder:

#### Page | 2

- Go to
   <a href="https://www.tn.gov/content/tn/tdot/roadway-design/design-standards/design-cadd-files/tennessee-map-files-for-microstation.html">https://www.tn.gov/content/tn/tdot/roadway-design/design-standards/design-cadd-files/tennessee-map-files-for-microstation.html</a>
- 2. Download the county map(s) to your project folder. In the **Power Archiver** extraction dialog click on the "..." browse button and go to your project folder. Then click on **Start** to download the file(s). Note if you download a **dgn** only or a **dgn** and a **tif** file.

The files are listed by county name. All maps are in NAD 83 English mapping coordinates as set up in the standard T.D.O.T. Design Division English MicroStation DGN seed file.

Graphics are set for scale 1" = 5280'

# Attach the County Map(s) to a New Title Sheet

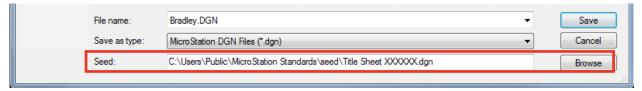
We provide two methods to create a title sheet. The difference between both methods is that method #1 provides both Preliminary and R.O.W. Index Of Sheet embedded in the seed file. In method #2, you will need to attach the index yourself.

#### Method #1:

1. Create a new DGN file for the title sheet.



2. Select a new seed file named: **Title Sheet XXXXXX.dgn** (XXXXXX – revision date)



3. Name the file **001.sht**. See document <u>CADDV8.pdf</u>, section **Standard Filenames** for information on filenames.

- 4. Reference your alignment DGN file to the title sheet DGN file.
- 5. Set the active scale = 5280.



Page | 3

- 6. Reference the county DGN file to the title sheet DGN file. In MicroStation go to File > References. In the Reference dialog box, go to Tools > Attach and select the county DGN file. Set Attachment Method to Coincident (or Coincident World) and select OK.
  If a large green box is seen around the county area, which means a TIF raster image file also needs to be attached.
- 7. If needed, attach the county TIF raster image file. In MicroStation go to File > Raster Manager. In the Raster Manager dialog box, go to File > Attach > Raster and select the county TIF file. Click on the options to Place Interactively. Select OK and pick two diagonal corners of the large green box.
- 8. Fence the map area you need on the title sheet and do a clip boundary for both the DGN county file and the TIF county file as needed.
  - a. In the Reference File dialog box, select the county map dgn, go to Tools > Clip
    Boundary. In the MicroStation Tool Settings box set Method to Active Fence, click on
    Use References Dialog List and data point to accept.
  - b. In the Raster Manager dialog box, select the county tif file, go to Edit > Clip. In the MicroStation Tool Settings box set Method to Fence, Mode to Clip Boundary and data point to accept.
- In MicroStation, turn off level DESIGN SCRATCH User 1,(#30), in the county DGN reference and go to File > Save Settings.

Note:

The title sheet will plot at 1" = 5280'.

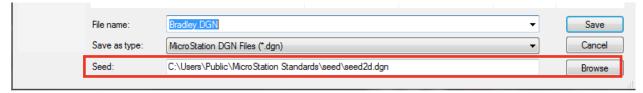
#### Method #2:

1. Create a new DGN file for the title sheet.

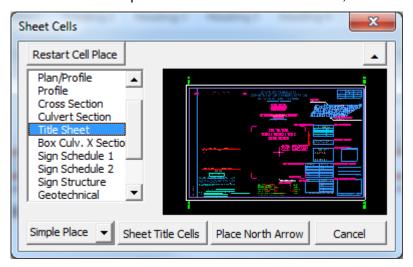
Page | 4



2. Select a new seed file named: seed2d.dgn



3. Go to T.D.O.T. pulldown and select Sheet Cells, select Title Sheet



To link the word document for the Preliminary and R.O.W. Index of Sheet, please refer to "PRELIMINARY INDEX TITLE SHEET XXXXXX.dotx" or "RIGHT OF WAY INDEX TITLE SHEET XXXXXX.dotx" located HERE.

**NOTE:** The **Preliminary Index Title Sheet** should be placed of level **410** and **Right Of Way Index Title Sheet** on level **411**. Use the ORIGIN snap points to ensure proper placement of the index sheet.

Page | 5

Index Of Sheets		SSTET
TITLE SHEET	1	ORIGIN
TYPICAL SECTIONS	2, 2A1, 2A2	
DETAIL SHEETS	2B, 2B1, 2B2	
RIGHT-OF-WAY NOTES, UTILITY NOTES and UTILITY OWNERS	3	
RIGHT-OF-WAY ACQUISITION TABLE(S) and PROPERTY MAP(S)	3A - 3B	
PRESENT LAYOUT(S)	4 - 10	
RIGHT OF WAY DETAILS	4A - 10A	
PROPOSED LAYOUT(S)	4B - 10B	
PROPOSED PROFILE(S)	4C -10C	
RAMP PROFILE(S)	11 - 12	
SIDE ROADS PROFILE(S)	13 - 14	
PRIVATE DRIVE AND FIELD ENTRANCE PROFILE(S)	15 - 18	
DRAINAGE MAP(S)	19 - 20	
CULVERT CROSS SECTION(S)	21 - 22	
ROADWAY CROSS SECTIONS	23 - 217	
SIDE ROAD CROSS SECTIONS	218 – 268	

4. Please refer to steps 3 - 9 in the previous section to complete the title sheet.

#### Title Sheet Levels for Plan Phases

(☑ - required, □ - not required, ☑ □ - level can be on or off)

#### **TDOT – Preliminary Title Sheet**

```
Page | 6
                     30
                            DESIGN - SCRATCH - User 1
                            DESIGN - CENTERLINE - Proposed Text
                     32
             \square

  \sqrt{\phantom{a}}

                     61
                            DESIGN - SHEET - Linework

  \sqrt{\phantom{a}}

                     62
                            DESIGN - SHEET - Corner Text
             280
                            DESIGN - SHEET - Plot Shape
             ☑
                     400
                            DESIGN - TITLE SHEET - TITLE SHEET PROPERTIES - TDOT IDENTIFICATION BLOCK
                            DESIGN - TITLE SHEET - TITLE SHEET PROPERTIES - CONSULTANT IDENTIFICATION BLOCK
                     401
              П
                            DESIGN - TITLE SHEET - TITLE SHEET PROPERTIES - TEXT
             \square
                     402
                            DESIGN - TITLE SHEET - TITLE SHEET PROPERTIES - LINE WORK
             M
                     403
                     405
                            DESIGN - TITLE SHEET - STATE MAP - STATE AND COUNTIES BORDER
              M
                            DESIGN - TITLE SHEET - STATE MAP - COUNTY NAMES
             M
                     406
             \square
                     410
                            DESIGN - TITLE SHEET - SHEET AND INDEX - PRELIMINARY PHASE
                            DESIGN - TITLE SHEET - SHEET AND INDEX - RIGHT-OF-WAY PHASE
                     411
              П
                            DESIGN - TITLE SHEET - SHEET AND INDEX - CONSTRUCTION PHASE
              412
                     413
                            DESIGN - TITLE SHEET - SHEET AND INDEX - RESURFACING
              414
                            DESIGN - TITLE SHEET - SHEET AND INDEX - RESURFACING AND SAFETY

  \sqrt{\phantom{a}}

                     420
                            DESIGN - TITLE SHEET - PROJECT LENGTH - ROW
                     421
                            DESIGN - TITLE SHEET - PROJECT LENGTH - CONSTRUCTION #1
                     422
                            DESIGN - TITLE SHEET - PROJECT LENGTH - CONSTRUCTION #2
              П
                            DESIGN - TITLE SHEET - PROJECT LENGTH - RESURFACING (RIDING SURFACE)
                     423
              DESIGN - TITLE SHEET - PROJECT LENGTH - RESURFACING (NON-RIDING SURFACE)
                     424
              П
                     425
                            DESIGN - TITLE SHEET - PROJECT LENGTH - RESURFACING ONLY
                     426
                            DESIGN - TITLE SHEET - PROJECT LENGTH - ROW UTILITIES ONLY
              DESIGN - TITLE SHEET - PROJECT DESCRIPTION - PRELIMINARY
             M
                     430
                            DESIGN - TITLE SHEET - PROJECT DESCRIPTION - ROW
              431
                     432
                            DESIGN - TITLE SHEET - PROJECT DESCRIPTION - CONSTRUCTION
              DESIGN - TITLE SHEET - PROJECT DESCRIPTION - CONSTRUCTION #2
              433
                     434
                            DESIGN - TITLE SHEET - PROJECT DESCRIPTION - ROW UTILITIES ONLY
              DESIGN - TITLE SHEET - PROJECT DESCRIPTION - RESURFACING
                     435
              П
                     436
                            DESIGN - TITLE SHEET - PROJECT DESCRIPTION - RESURFACING SAFETY
                     440
                            DESIGN - TITLE SHEET - REVISION TEXT - ROW
              П
                            DESIGN - TITLE SHEET - REVISION TEXT - CONSTRUCTION
                     441
              П
                            DESIGN - TITLE SHEET - TITLE SHEET BLOCKS - TRAFFIC DATA BLOCK #1 (SURVEY DATA)
             450
            \square
                     451
                            DESIGN - TITLE SHEET - TITLE SHEET BLOCKS - TRAFFIC DATA BLOCK #2
                           DESIGN – TITLE SHEET – TITLE SHEET BLOCKS – TRAFFIC DATA BLOCK #3 DESIGN – TITLE SHEET – TITLE SHEET BLOCKS – DESIGN EXCEPTION
                     452
            \square
            \square
                     453
                            DESIGN - TITLE SHEET - TITLE SHEET BLOCKS - ROAD TO BE CLOSED
            \square
                     454
                            DESIGN - TITLE SHEET - TITLE SHEET BLOCKS - NO EXCLUSIONS
            \overline{\mathbf{A}}
                     455
                            DESIGN - TITLE SHEET - TITLE SHEET BLOCKS - EXCLUSIONS
            \square
                     456
            \square
                     457
                            DESIGN - TITLE SHEET - TITLE SHEET BLOCKS - TRAFFIC DATA BLOCK #4 (RESURFACE AND SAFETY)
            \square
                     460
                            DESIGN - TITLE SHEET - LOCATION MAP - COUNTY MAP
                            DESIGN - TITLE SHEET - LOCATION MAP - ADDITIONAL TEXT - PRELIMINARY
            \overline{\mathbf{A}}
                     461
                            DESIGN - TITLE SHEET - LOCATION MAP - ADDITIONAL TEXT - ROW
                     462
                            DESIGN - TITLE SHEET - LOCATION MAP - ADDITIONAL TEXT - CONSTRUCTION #1
                     463
             DESIGN - TITLE SHEET - LOCATION MAP - ADDITIONAL TEXT - CONSTRUCTION #2
                     464
```

#### TDOT - Right-Of-Way Title Sheet

```
\overline{\mathbf{Q}}
                   DESIGN - SCRATCH - User 1
            30
   \overline{\mathbf{A}}
            32
                   DESIGN - CENTERLINE - Proposed Text
                  DESIGN - SHEET - Linework
   \square
            61
            62
                  DESIGN - SHEET - Corner Text
   \square
           280
                  DESIGN - SHEET - Plot Shape
   \overline{\mathbf{A}}
                                                                                                                       Page | 7
                  DESIGN - TITLE SHEET - TITLE SHEET PROPERTIES - TDOTIDENTIFICATION BLOCK
           400
   \overline{\mathbf{A}}
           401
                  DESIGN - TITLE SHEET - TITLE SHEET PROPERTIES - CONSULTANT IDENTIFICATION BLOCK
                  DESIGN - TITLE SHEET - TITLE SHEET PROPERTIES - TEXT
   \square
           402
           403
                  DESIGN - TITLE SHEET - TITLE SHEET PROPERTIES - LINE WORK
   \overline{\mathbf{A}}
  405
                  DESIGN - TITLE SHEET - STATE MAP - STATE AND COUNTIES BORDER
           406
                  DESIGN - TITLE SHEET - STATE MAP - COUNTY NAMES
  \overline{}
                  DESIGN - TITLE SHEET - SHEET AND INDEX - PRELIMINARY PHASE
           410
   \overline{\mathbf{A}}
           411
                  DESIGN - TITLE SHEET - SHEET AND INDEX - RIGHT-OF-WAY PHASE
           412
                  DESIGN - TITLE SHEET - SHEET AND INDEX - CONSTRUCTION PHASE
   П
           413
                  DESIGN - TITLE SHEET - SHEET AND INDEX - RESURFACING
   414
                  DESIGN - TITLE SHEET - SHEET AND INDEX - RESURFACING AND SAFETY
   П
   \overline{\mathbf{A}}
                  DESIGN - TITLE SHEET - PROJECT LENGTH - ROW
           420
                  DESIGN - TITLE SHEET - PROJECT LENGTH - CONSTRUCTION #1
   421
   422
                  DESIGN - TITLE SHEET - PROJECT LENGTH - CONSTRUCTION #2
                  DESIGN - TITLE SHEET - PROJECT LENGTH - RESURFACING (RIDING SURFACE)
           423
   424
                  DESIGN - TITLE SHEET - PROJECT LENGTH - RESURFACING (NON-RIDING SURFACE)
   425
                  DESIGN - TITLE SHEET - PROJECT LENGTH - RESURFACING ONLY
   П
   П
           426
                  DESIGN - TITLE SHEET - PROJECT LENGTH - ROW UTILITIES ONLY
           430
                  DESIGN - TITLE SHEET - PROJECT DESCRIPTION - PRELIMINARY
   DESIGN - TITLE SHEET - PROJECT DESCRIPTION - ROW
           431
   \overline{\mathbf{A}}
                  DESIGN - TITLE SHEET - PROJECT DESCRIPTION - CONSTRUCTION
           432
           433
                  DESIGN - TITLE SHEET - PROJECT DESCRIPTION - CONSTRUCTION #2
   DESIGN - TITLE SHEET - PROJECT DESCRIPTION - ROW UTILITIES ONLY
           434
   DESIGN - TITLE SHEET - PROJECT DESCRIPTION - RESURFACING
           435
   П
                  DESIGN - TITLE SHEET - PROJECT DESCRIPTION - RESURFACING SAFETY
           436
                  DESIGN - TITLE SHEET - REVISION TEXT - ROW
           440
\square
     DESIGN - TITLE SHEET - REVISION TEXT - CONSTRUCTION
           441
   DESIGN - TITLE SHEET - TITLE SHEET BLOCKS - TRAFFIC DATA BLOCK #1 (SURVEY DATA)
  \overline{\mathbf{A}}
           450
           451
                  DESIGN - TITLE SHEET - TITLE SHEET BLOCKS - TRAFFIC DATA BLOCK #2
\overline{\mathbf{A}}
     DESIGN - TITLE SHEET - TITLE SHEET BLOCKS - TRAFFIC DATA BLOCK #3
\overline{\mathbf{A}}
           452
     П
                  DESIGN – TITLE SHEET – TITLE SHEET BLOCKS – DESIGN EXCEPTION
\overline{\mathbf{A}}
           453
     DESIGN - TITLE SHEET - TITLE SHEET BLOCKS - ROAD TO BE CLOSED
\overline{\mathbf{A}}
           454
     DESIGN – TITLE SHEET – TITLE SHEET BLOCKS – NO EXCLUSIONS DESIGN – TITLE SHEET – TITLE SHEET BLOCKS – EXCLUSIONS
ব
           455
     456
\square
     \overline{\mathbf{\Delta}}
     457
                  DESIGN - TITLE SHEET - TITLE SHEET BLOCKS - TRAFFIC DATA BLOCK #4 (RESURFACE AND SAFETY)
   \square
           460
                  DESIGN - TITLE SHEET - LOCATION MAP - COUNTY MAP
           461
                  DESIGN - TITLE SHEET - LOCATION MAP - ADDITIONAL TEXT - PRELIMINARY
   DESIGN - TITLE SHEET - LOCATION MAP - ADDITIONAL TEXT - ROW
   \overline{\mathbf{A}}
           462
           463
                  DESIGN - TITLE SHEET - LOCATION MAP - ADDITIONAL TEXT - CONSTRUCTION #1
   464
                  DESIGN - TITLE SHEET - LOCATION MAP - ADDITIONAL TEXT - CONSTRUCTION #2
   П
```

#### **TDOT – Construction Title Sheet**

```
\square
                     30
                           DESIGN - SCRATCH - User 1
            \overline{\mathbf{A}}
                     32
                           DESIGN - CENTERLINE - Proposed Text
            \square
                     61
                           DESIGN - SHEET - Linework
            \overline{\mathbf{A}}
                     62
                           DESIGN - SHEET - Corner Text
            \overline{\mathbf{A}}
                    280
                           DESIGN - SHEET - Plot Shape
Page | 8
             \square
                    400
                           DESIGN - TITLE SHEET - TITLE SHEET PROPERTIES - TDOT IDENTIFICATION BLOCK
                           DESIGN - TITLE SHEET - TITLE SHEET PROPERTIES - CONSULTANT IDENTIFICATION BLOCK
                    401
            \overline{\mathbf{A}}
                           DESIGN - TITLE SHEET - TITLE SHEET PROPERTIES - TEXT
                     402
                           DESIGN – TITLE SHEET – TITLE SHEET PROPERTIES – LINE WORK
            \overline{\mathbf{A}}
                     403
                    405
                           DESIGN - TITLE SHEET - STATE MAP - STATE AND COUNTIES BORDER
            M
            \square
                    406
                           DESIGN - TITLE SHEET - STATE MAP - COUNTY NAMES
             410
                           DESIGN - TITLE SHEET - SHEET AND INDEX - PRELIMINARY PHASE
                           DESIGN - TITLE SHEET - SHEET AND INDEX - RIGHT-OF-WAY PHASE
                    411
             П
                           DESIGN - TITLE SHEET - SHEET AND INDEX - CONSTRUCTION PHASE
            \square
                    412
                    413
                           DESIGN - TITLE SHEET - SHEET AND INDEX - RESURFACING
             DESIGN - TITLE SHEET - SHEET AND INDEX - RESURFACING AND SAFETY
                    414
                           DESIGN - TITLE SHEET - PROJECT LENGTH - ROW
                    420
                           DESIGN - TITLE SHEET - PROJECT LENGTH - CONSTRUCTION #1
            \square
                    421
                           DESIGN - TITLE SHEET - PROJECT LENGTH - CONSTRUCTION #2
                    422
                           DESIGN - TITLE SHEET - PROJECT LENGTH - RESURFACING (RIDING SURFACE)
                    423
             DESIGN - TITLE SHEET - PROJECT LENGTH - RESURFACING (NON-RIDING SURFACE)
                    424
                           DESIGN - TITLE SHEET - PROJECT LENGTH - RESURFACING ONLY
             П
                    425
                           DESIGN - TITLE SHEET - PROJECT LENGTH - ROW UTILITIES ONLY
                    426
             430
                           DESIGN - TITLE SHEET - PROJECT DESCRIPTION - PRELIMINARY
             DESIGN - TITLE SHEET - PROJECT DESCRIPTION - ROW
                    431
             DESIGN - TITLE SHEET - PROJECT DESCRIPTION - CONSTRUCTION
            M
                    432
                     433
                           DESIGN - TITLE SHEET - PROJECT DESCRIPTION - CONSTRUCTION #2
             DESIGN - TITLE SHEET - PROJECT DESCRIPTION - ROW UTILITIES ONLY
                    434
             435
                           DESIGN - TITLE SHEET - PROJECT DESCRIPTION - RESURFACING
             436
                           DESIGN - TITLE SHEET - PROJECT DESCRIPTION - RESURFACING SAFETY
                    440
                           DESIGN - TITLE SHEET - REVISION TEXT - ROW
            \square
                           DESIGN - TITLE SHEET - REVISION TEXT - CONSTRUCTION
                    441
            \overline{\mathbf{A}}
                    450
                           DESIGN - TITLE SHEET - TITLE SHEET BLOCKS - TRAFFIC DATA BLOCK #1 (SURVEY DATA)
                           DESIGN - TITLE SHEET - TITLE SHEET BLOCKS - TRAFFIC DATA BLOCK #2
            \square
                    451
                           DESIGN – TITLE SHEET – TITLE SHEET BLOCKS – TRAFFIC DATA BLOCK #3
           \square
                    452
                           DESIGN - TITLE SHEET - TITLE SHEET BLOCKS - DESIGN EXCEPTION
           \square
                    453
           \square
                    454
                           DESIGN - TITLE SHEET - TITLE SHEET BLOCKS - ROAD TO BE CLOSED
                           DESIGN - TITLE SHEET - TITLE SHEET BLOCKS - NO EXCLUSIONS
            \square
                    455
                           DESIGN - TITLE SHEET - TITLE SHEET BLOCKS - EXCLUSIONS
           \square
                    456
                           DESIGN - TITLE SHEET - TITLE SHEET BLOCKS - TRAFFIC DATA BLOCK #4 (RESURFACE AND SAFETY)
           457
            \overline{\mathbf{A}}
                    460
                           DESIGN - TITLE SHEET - LOCATION MAP - COUNTY MAP
                           DESIGN - TITLE SHEET - LOCATION MAP - ADDITIONAL TEXT - PRELIMINARY
                    461
             462
                           DESIGN - TITLE SHEET - LOCATION MAP - ADDITIONAL TEXT - ROW
             DESIGN - TITLE SHEET - LOCATION MAP - ADDITIONAL TEXT - CONSTRUCTION #1
                    463
            ব
                     464
                           DESIGN - TITLE SHEET - LOCATION MAP - ADDITIONAL TEXT - CONSTRUCTION #2
```

#### **TDOT - Construction #2 Title Sheet**

```
DESIGN - SCRATCH - User 1
   \overline{\mathbf{Q}}
           30
   \overline{\mathbf{A}}
           32
                  DESIGN - CENTERLINE - Proposed Text
                  DESIGN - SHEET - Linework
   \square
           61
           62
                  DESIGN - SHEET - Corner Text
   \square
           280
                  DESIGN - SHEET - Plot Shape
   \overline{\mathbf{A}}
                                                                                                                    Page | 9
                  DESIGN - TITLE SHEET - TITLE SHEET PROPERTIES - TDOTIDENTIFICATION BLOCK
           400
   \overline{\mathbf{A}}
           401
                  DESIGN - TITLE SHEET - TITLE SHEET PROPERTIES - CONSULTANT IDENTIFICATION BLOCK
                  DESIGN - TITLE SHEET - TITLE SHEET PROPERTIES - TEXT
   \square
           402
           403
                  DESIGN - TITLE SHEET - TITLE SHEET PROPERTIES - LINE WORK
   \overline{\mathbf{A}}
  405
                  DESIGN - TITLE SHEET - STATE MAP - STATE AND COUNTIES BORDER
           406
                  DESIGN - TITLE SHEET - STATE MAP - COUNTY NAMES
   \overline{\mathbf{A}}
           410
                  DESIGN - TITLE SHEET - SHEET AND INDEX - PRELIMINARY PHASE
   DESIGN - TITLE SHEET - SHEET AND INDEX - RIGHT-OF-WAY PHASE
           411
   \square
           412
                  DESIGN - TITLE SHEET - SHEET AND INDEX - CONSTRUCTION PHASE
           413
                  DESIGN - TITLE SHEET - SHEET AND INDEX - RESURFACING
   414
                  DESIGN - TITLE SHEET - SHEET AND INDEX - RESURFACING AND SAFETY
   П
                  DESIGN - TITLE SHEET - PROJECT LENGTH - ROW
   420
                  DESIGN - TITLE SHEET - PROJECT LENGTH - CONSTRUCTION #1
           421
   \overline{\mathbf{A}}
           422
                  DESIGN - TITLE SHEET - PROJECT LENGTH - CONSTRUCTION #2
                  DESIGN - TITLE SHEET - PROJECT LENGTH - RESURFACING (RIDING SURFACE)
           423
   424
                  DESIGN - TITLE SHEET - PROJECT LENGTH - RESURFACING (NON-RIDING SURFACE)
   425
                  DESIGN - TITLE SHEET - PROJECT LENGTH - RESURFACING ONLY
   П
           426
                  DESIGN - TITLE SHEET - PROJECT LENGTH - ROW UTILITIES ONLY
   П
           430
                  DESIGN - TITLE SHEET - PROJECT DESCRIPTION - PRELIMINARY
   п
           431
                  DESIGN - TITLE SHEET - PROJECT DESCRIPTION - ROW
   DESIGN - TITLE SHEET - PROJECT DESCRIPTION - CONSTRUCTION
           432
   \overline{\mathbf{A}}
           433
                  DESIGN - TITLE SHEET - PROJECT DESCRIPTION - CONSTRUCTION #2
           434
                  DESIGN - TITLE SHEET - PROJECT DESCRIPTION - ROW UTILITIES ONLY
   П
                  DESIGN - TITLE SHEET - PROJECT DESCRIPTION - RESURFACING
           435
   П
                  DESIGN - TITLE SHEET - PROJECT DESCRIPTION - RESURFACING SAFETY
           436
           440
                  DESIGN - TITLE SHEET - REVISION TEXT - ROW
\square
           441
                  DESIGN - TITLE SHEET - REVISION TEXT - CONSTRUCTION
    DESIGN - TITLE SHEET - TITLE SHEET BLOCKS - TRAFFIC DATA BLOCK #1 (SURVEY DATA)
\overline{\mathbf{\Delta}}
           450
     451
                  DESIGN - TITLE SHEET - TITLE SHEET BLOCKS - TRAFFIC DATA BLOCK #2
\overline{\mathbf{A}}
     DESIGN - TITLE SHEET - TITLE SHEET BLOCKS - TRAFFIC DATA BLOCK #3
   \overline{\mathbf{A}}
           452
                  DESIGN – TITLE SHEET – TITLE SHEET BLOCKS – DESIGN EXCEPTION
           453
ব
     DESIGN - TITLE SHEET - TITLE SHEET BLOCKS - ROAD TO BE CLOSED
\square
           454
     DESIGN - TITLE SHEET - TITLE SHEET BLOCKS - NO EXCLUSIONS
           455
\square
     DESIGN - TITLE SHEET - TITLE SHEET BLOCKS - EXCLUSIONS
\overline{\mathbf{A}}
     П
           456
                  DESIGN - TITLE SHEET - TITLE SHEET BLOCKS - TRAFFIC DATA BLOCK #4 (RESURFACE AND SAFETY)
\square
     П
           457
           460
                  DESIGN - TITLE SHEET - LOCATION MAP - COUNTY MAP
   \overline{\mathbf{A}}
           461
                  DESIGN - TITLE SHEET - LOCATION MAP - ADDITIONAL TEXT - PRELIMINARY
   П
                  DESIGN - TITLE SHEET - LOCATION MAP - ADDITIONAL TEXT - ROW
           462
   П
           463
                  DESIGN - TITLE SHEET - LOCATION MAP - ADDITIONAL TEXT - CONSTRUCTION #1
   \square
           464
                  DESIGN - TITLE SHEET - LOCATION MAP - ADDITIONAL TEXT - CONSTRUCTION #2
```

#### Consultant - Preliminary Title Sheet

```
\square
                       30
                             DESIGN - SCRATCH - User 1
             \overline{\mathbf{A}}
                       32
                             DESIGN - CENTERLINE - Proposed Text
             \square
                       61
                             DESIGN - SHEET - Linework
             \square
                       62
                             DESIGN - SHEET - Corner Text
             \overline{\mathbf{A}}
                      280
                             DESIGN - SHEET - Plot Shape
Page | 10
                      400
                             DESIGN - TITLE SHEET - TITLE SHEET PROPERTIES - TDOT IDENTIFICATION BLOCK
               DESIGN - TITLE SHEET - TITLE SHEET PROPERTIES - CONSULTANT IDENTIFICATION BLOCK
              \overline{\mathbf{A}}
                      401
             \overline{\mathbf{\Delta}}
                             DESIGN - TITLE SHEET - TITLE SHEET PROPERTIES - TEXT
                      402
                             DESIGN - TITLE SHEET - TITLE SHEET PROPERTIES - LINE WORK
             \overline{\mathbf{A}}
                      403
                      405
                             DESIGN - TITLE SHEET - STATE MAP - STATE AND COUNTIES BORDER
             M
             M
                      406
                             DESIGN - TITLE SHEET - STATE MAP - COUNTY NAMES
             \square
                      410
                             DESIGN - TITLE SHEET - SHEET AND INDEX - PRELIMINARY PHASE
                             DESIGN - TITLE SHEET - SHEET AND INDEX - RIGHT-OF-WAY PHASE
                      411
                             DESIGN - TITLE SHEET - SHEET AND INDEX - CONSTRUCTION PHASE
                      412
                      413
                             DESIGN - TITLE SHEET - SHEET AND INDEX - RESURFACING
               DESIGN - TITLE SHEET - SHEET AND INDEX - RESURFACING AND SAFETY
                      414
             \square
                      420
                             DESIGN - TITLE SHEET - PROJECT LENGTH - ROW
                      421
                             DESIGN - TITLE SHEET - PROJECT LENGTH - CONSTRUCTION #1
               П
                             DESIGN - TITLE SHEET - PROJECT LENGTH - CONSTRUCTION #2
                      422
                             DESIGN - TITLE SHEET - PROJECT LENGTH - RESURFACING (RIDING SURFACE)
                      423
               DESIGN - TITLE SHEET - PROJECT LENGTH - RESURFACING (NON-RIDING SURFACE)
                      424
                             DESIGN - TITLE SHEET - PROJECT LENGTH - RESURFACING ONLY
               П
                      425
                      426
                             DESIGN - TITLE SHEET - PROJECT LENGTH - ROW UTILITIES ONLY
              M
                      430
                             DESIGN - TITLE SHEET - PROJECT DESCRIPTION - PRELIMINARY
                             DESIGN - TITLE SHEET - PROJECT DESCRIPTION - ROW
                      431
               П
                             DESIGN - TITLE SHEET - PROJECT DESCRIPTION - CONSTRUCTION
               432
                      433
                             DESIGN - TITLE SHEET - PROJECT DESCRIPTION - CONSTRUCTION #2
               434
                             DESIGN - TITLE SHEET - PROJECT DESCRIPTION - ROW UTILITIES ONLY
               435
                             DESIGN - TITLE SHEET - PROJECT DESCRIPTION - RESURFACING
               П
               436
                             DESIGN - TITLE SHEET - PROJECT DESCRIPTION - RESURFACING SAFETY
                      440
                             DESIGN - TITLE SHEET - REVISION TEXT - ROW
               DESIGN - TITLE SHEET - REVISION TEXT - CONSTRUCTION
               441
             \overline{\mathbf{\Delta}}
                      450
                             DESIGN - TITLE SHEET - TITLE SHEET BLOCKS - TRAFFIC DATA BLOCK #1 (SURVEY DATA)
                             DESIGN - TITLE SHEET - TITLE SHEET BLOCKS - TRAFFIC DATA BLOCK #2
             \square
                      451
                             DESIGN – TITLE SHEET – TITLE SHEET BLOCKS – TRAFFIC DATA BLOCK #3
             \square
                      452
                             DESIGN - TITLE SHEET - TITLE SHEET BLOCKS - DESIGN EXCEPTION
             \square
                      453
             \square
                      454
                             DESIGN - TITLE SHEET - TITLE SHEET BLOCKS - ROAD TO BE CLOSED
                             DESIGN - TITLE SHEET - TITLE SHEET BLOCKS - NO EXCLUSIONS
             \overline{\mathbf{\Delta}}
                      455
                             DESIGN - TITLE SHEET - TITLE SHEET BLOCKS - EXCLUSIONS
             \square
                      456
                             DESIGN - TITLE SHEET - TITLE SHEET BLOCKS - TRAFFIC DATA BLOCK #4 (RESURFACE AND SAFETY)
             457
             \overline{\mathbf{A}}
                      460
                             DESIGN - TITLE SHEET - LOCATION MAP - COUNTY MAP
             \overline{\mathbf{A}}
                      461
                             DESIGN - TITLE SHEET - LOCATION MAP - ADDITIONAL TEXT - PRELIMINARY
                      462
                             DESIGN - TITLE SHEET - LOCATION MAP - ADDITIONAL TEXT - ROW
               DESIGN - TITLE SHEET - LOCATION MAP - ADDITIONAL TEXT - CONSTRUCTION #1
                      463
               464
                             DESIGN - TITLE SHEET - LOCATION MAP - ADDITIONAL TEXT - CONSTRUCTION #2
```

#### Consultant - Right-Of-Way Title Sheet

```
\overline{\mathbf{Q}}
            30
                   DESIGN - SCRATCH - User 1
   \overline{\mathbf{A}}
            32
                   DESIGN - CENTERLINE - Proposed Text
            61
                   DESIGN - SHEET - Linework
   \square
   \overline{\mathbf{A}}
            62
                   DESIGN - SHEET - Corner Text
   \overline{\mathbf{A}}
           280
                   DESIGN - SHEET - Plot Shape
                                                                                                                          Page | 11
                   DESIGN - TITLE SHEET - TITLE SHEET PROPERTIES - TDOT IDENTIFICATION BLOCK
           400
   п

  \overline{\mathbf{A}}

           401
                   DESIGN - TITLE SHEET - TITLE SHEET PROPERTIES - CONSULTANT IDENTIFICATION BLOCK
                   DESIGN - TITLE SHEET - TITLE SHEET PROPERTIES - TEXT
           402
   \overline{\mathbf{A}}
           403
                   DESIGN - TITLE SHEET - TITLE SHEET PROPERTIES - LINE WORK
   \overline{\mathbf{A}}

  \overline{\mathbf{A}}

           405
                   DESIGN - TITLE SHEET - STATE MAP - STATE AND COUNTIES BORDER
           406
                   DESIGN - TITLE SHEET - STATE MAP - COUNTY NAMES
   \overline{}
                   DESIGN - TITLE SHEET - SHEET AND INDEX - PRELIMINARY PHASE
           410
   \overline{\mathbf{A}}
           411
                   DESIGN - TITLE SHEET - SHEET AND INDEX - RIGHT-OF-WAY PHASE
           412
                   DESIGN - TITLE SHEET - SHEET AND INDEX - CONSTRUCTION PHASE
   П
           413
                   DESIGN - TITLE SHEET - SHEET AND INDEX - RESURFACING
    414
                   DESIGN - TITLE SHEET - SHEET AND INDEX - RESURFACING AND SAFETY
   П
   \overline{\mathbf{A}}
                   DESIGN - TITLE SHEET - PROJECT LENGTH - ROW
           420
                   DESIGN - TITLE SHEET - PROJECT LENGTH - CONSTRUCTION #1
    421
    422
                   DESIGN - TITLE SHEET - PROJECT LENGTH - CONSTRUCTION #2
                   DESIGN - TITLE SHEET - PROJECT LENGTH - RESURFACING (RIDING SURFACE)
           423
    424
                   DESIGN - TITLE SHEET - PROJECT LENGTH - RESURFACING (NON-RIDING SURFACE)
           425
                   DESIGN - TITLE SHEET - PROJECT LENGTH - RESURFACING ONLY
    П
    П
           426
                   DESIGN - TITLE SHEET - PROJECT LENGTH - ROW UTILITIES ONLY
           430
                   DESIGN - TITLE SHEET - PROJECT DESCRIPTION - PRELIMINARY
   DESIGN - TITLE SHEET - PROJECT DESCRIPTION - ROW
   \square
           431
                   DESIGN - TITLE SHEET - PROJECT DESCRIPTION - CONSTRUCTION
           432
           433
                   DESIGN - TITLE SHEET - PROJECT DESCRIPTION - CONSTRUCTION #2
    DESIGN - TITLE SHEET - PROJECT DESCRIPTION - ROW UTILITIES ONLY
           434
    DESIGN - TITLE SHEET - PROJECT DESCRIPTION - RESURFACING
           435
    П
           436
                   DESIGN - TITLE SHEET - PROJECT DESCRIPTION - RESURFACING SAFETY
                   DESIGN - TITLE SHEET - REVISION TEXT - ROW
\overline{\mathbf{A}}
           440
     DESIGN - TITLE SHEET - REVISION TEXT - CONSTRUCTION
           441
    DESIGN - TITLE SHEET - TITLE SHEET BLOCKS - TRAFFIC DATA BLOCK #1 (SURVEY DATA)
   \overline{\mathbf{A}}
           450
           451
                   DESIGN - TITLE SHEET - TITLE SHEET BLOCKS - TRAFFIC DATA BLOCK #2
\overline{\mathbf{A}}
     DESIGN - TITLE SHEET - TITLE SHEET BLOCKS - TRAFFIC DATA BLOCK #3
\overline{\mathbf{\Delta}}
            452
     П
                   DESIGN – TITLE SHEET – TITLE SHEET BLOCKS – DESIGN EXCEPTION
\overline{\mathbf{A}}
           453
     DESIGN - TITLE SHEET - TITLE SHEET BLOCKS - ROAD TO BE CLOSED
\overline{\mathbf{A}}
            454
     DESIGN – TITLE SHEET – TITLE SHEET BLOCKS – NO EXCLUSIONS DESIGN – TITLE SHEET – TITLE SHEET BLOCKS – EXCLUSIONS
ব
           455
     456
\square
     \overline{\mathbf{\Delta}}
     457
                   DESIGN - TITLE SHEET - TITLE SHEET BLOCKS - TRAFFIC DATA BLOCK #4 (RESURFACE AND SAFETY)
   \square
           460
                   DESIGN - TITLE SHEET - LOCATION MAP - COUNTY MAP
           461
                   DESIGN - TITLE SHEET - LOCATION MAP - ADDITIONAL TEXT - PRELIMINARY
   П
                   DESIGN - TITLE SHEET - LOCATION MAP - ADDITIONAL TEXT - ROW
   \overline{\mathbf{A}}
           462
            463
                   DESIGN - TITLE SHEET - LOCATION MAP - ADDITIONAL TEXT - CONSTRUCTION #1
   464
                   DESIGN - TITLE SHEET - LOCATION MAP - ADDITIONAL TEXT - CONSTRUCTION #2
    П
```

#### Consultant - Construction Title Sheet

```
\square
                       30
                             DESIGN - SCRATCH - User 1
             \overline{\mathbf{A}}
                       32
                             DESIGN - CENTERLINE - Proposed Text
             \square
                       61
                             DESIGN - SHEET - Linework
             \square
                       62
                             DESIGN - SHEET - Corner Text
             \overline{\mathbf{A}}
                      280
                             DESIGN - SHEET - Plot Shape
Page | 12
                      400
                             DESIGN - TITLE SHEET - TITLE SHEET PROPERTIES - TDOT IDENTIFICATION BLOCK
               DESIGN - TITLE SHEET - TITLE SHEET PROPERTIES - CONSULTANT IDENTIFICATION BLOCK
              \overline{\mathbf{A}}
                      401
              \square
                             DESIGN - TITLE SHEET - TITLE SHEET PROPERTIES - TEXT
                      402
                             DESIGN – TITLE SHEET – TITLE SHEET PROPERTIES – LINE WORK
             \overline{\mathbf{A}}
                      403
                      405
                             DESIGN - TITLE SHEET - STATE MAP - STATE AND COUNTIES BORDER
             M
             \square
                      406
                             DESIGN - TITLE SHEET - STATE MAP - COUNTY NAMES
               410
                             DESIGN - TITLE SHEET - SHEET AND INDEX - PRELIMINARY PHASE
                             DESIGN - TITLE SHEET - SHEET AND INDEX - RIGHT-OF-WAY PHASE
                      411
               П
             \square
                      412
                             DESIGN - TITLE SHEET - SHEET AND INDEX - CONSTRUCTION PHASE
                      413
                             DESIGN - TITLE SHEET - SHEET AND INDEX - RESURFACING
               DESIGN - TITLE SHEET - SHEET AND INDEX - RESURFACING AND SAFETY
                      414
                             DESIGN - TITLE SHEET - PROJECT LENGTH - ROW
                      420
                             DESIGN - TITLE SHEET - PROJECT LENGTH - CONSTRUCTION #1
              \square
                      421
                      422
                             DESIGN - TITLE SHEET - PROJECT LENGTH - CONSTRUCTION #2
                             DESIGN - TITLE SHEET - PROJECT LENGTH - RESURFACING (RIDING SURFACE)
                      423
               DESIGN - TITLE SHEET - PROJECT LENGTH - RESURFACING (NON-RIDING SURFACE)
                      424
                             DESIGN - TITLE SHEET - PROJECT LENGTH - RESURFACING ONLY
               П
                      425
                             DESIGN - TITLE SHEET - PROJECT LENGTH - ROW UTILITIES ONLY
                      426
               430
                             DESIGN - TITLE SHEET - PROJECT DESCRIPTION - PRELIMINARY
               DESIGN - TITLE SHEET - PROJECT DESCRIPTION - ROW
                      431
               DESIGN - TITLE SHEET - PROJECT DESCRIPTION - CONSTRUCTION
             M
                      432
                      433
                             DESIGN - TITLE SHEET - PROJECT DESCRIPTION - CONSTRUCTION #2
               DESIGN - TITLE SHEET - PROJECT DESCRIPTION - ROW UTILITIES ONLY
                      434
               435
                             DESIGN - TITLE SHEET - PROJECT DESCRIPTION - RESURFACING
               436
                             DESIGN - TITLE SHEET - PROJECT DESCRIPTION - RESURFACING SAFETY
                      440
                             DESIGN - TITLE SHEET - REVISION TEXT - ROW
             \square
                             DESIGN - TITLE SHEET - REVISION TEXT - CONSTRUCTION
                      441
             \overline{\mathbf{A}}
                      450
                             DESIGN - TITLE SHEET - TITLE SHEET BLOCKS - TRAFFIC DATA BLOCK #1 (SURVEY DATA)
                             DESIGN – TITLE SHEET – TITLE SHEET BLOCKS – TRAFFIC DATA BLOCK #2 DESIGN – TITLE SHEET – TITLE SHEET BLOCKS – TRAFFIC DATA BLOCK #3
             \square
                      451
             \square
                      452
                             DESIGN - TITLE SHEET - TITLE SHEET BLOCKS - DESIGN EXCEPTION
             \square
                      453
             \square
                      454
                             DESIGN - TITLE SHEET - TITLE SHEET BLOCKS - ROAD TO BE CLOSED
                             DESIGN - TITLE SHEET - TITLE SHEET BLOCKS - NO EXCLUSIONS
             \square
                      455
                             DESIGN - TITLE SHEET - TITLE SHEET BLOCKS - EXCLUSIONS
             \square
                      456
                             DESIGN - TITLE SHEET - TITLE SHEET BLOCKS - TRAFFIC DATA BLOCK #4 (RESURFACE AND SAFETY)
             457
             \overline{\mathbf{A}}
                      460
                             DESIGN - TITLE SHEET - LOCATION MAP - COUNTY MAP
                             DESIGN - TITLE SHEET - LOCATION MAP - ADDITIONAL TEXT - PRELIMINARY
                      461
               462
                             DESIGN - TITLE SHEET - LOCATION MAP - ADDITIONAL TEXT - ROW
               DESIGN - TITLE SHEET - LOCATION MAP - ADDITIONAL TEXT - CONSTRUCTION #1
                      463
             ব
                      464
                             DESIGN - TITLE SHEET - LOCATION MAP - ADDITIONAL TEXT - CONSTRUCTION #2
```

#### **Consultant - Construction #2 Title Sheet**

```
\overline{\mathbf{Q}}
            30
                  DESIGN - SCRATCH - User 1
                  DESIGN - CENTERLINE - Proposed Text
   \overline{\mathbf{A}}
            32
            61
                  DESIGN - SHEET - Linework
   \square
   \overline{\mathbf{A}}
            62
                  DESIGN - SHEET - Corner Text
   \overline{\mathbf{A}}
           280
                  DESIGN - SHEET - Plot Shape
                                                                                                                       Page | 13
                  DESIGN - TITLE SHEET - TITLE SHEET PROPERTIES - TDOT IDENTIFICATION BLOCK
           400
   п

  \overline{\mathbf{A}}

           401
                  DESIGN - TITLE SHEET - TITLE SHEET PROPERTIES - CONSULTANT IDENTIFICATION BLOCK
                  DESIGN - TITLE SHEET - TITLE SHEET PROPERTIES - TEXT
           402
   \overline{\mathbf{A}}
           403
                  DESIGN - TITLE SHEET - TITLE SHEET PROPERTIES - LINE WORK
   \overline{\mathbf{A}}

  \overline{\mathbf{A}}

           405
                  DESIGN - TITLE SHEET - STATE MAP - STATE AND COUNTIES BORDER
           406
                  DESIGN - TITLE SHEET - STATE MAP - COUNTY NAMES
   \overline{\mathbf{A}}
           410
                  DESIGN - TITLE SHEET - SHEET AND INDEX - PRELIMINARY PHASE
   DESIGN - TITLE SHEET - SHEET AND INDEX - RIGHT-OF-WAY PHASE
           411
   \square
           412
                  DESIGN - TITLE SHEET - SHEET AND INDEX - CONSTRUCTION PHASE
           413
                  DESIGN - TITLE SHEET - SHEET AND INDEX - RESURFACING
   414
                  DESIGN - TITLE SHEET - SHEET AND INDEX - RESURFACING AND SAFETY
   П
                  DESIGN - TITLE SHEET - PROJECT LENGTH - ROW
   420
                  DESIGN - TITLE SHEET - PROJECT LENGTH - CONSTRUCTION #1
           421
   \overline{\mathbf{A}}
           422
                  DESIGN - TITLE SHEET - PROJECT LENGTH - CONSTRUCTION #2
                  DESIGN - TITLE SHEET - PROJECT LENGTH - RESURFACING (RIDING SURFACE)
           423
   424
                  DESIGN - TITLE SHEET - PROJECT LENGTH - RESURFACING (NON-RIDING SURFACE)
   425
                  DESIGN - TITLE SHEET - PROJECT LENGTH - RESURFACING ONLY
   П
           426
                  DESIGN - TITLE SHEET - PROJECT LENGTH - ROW UTILITIES ONLY
   П
           430
                  DESIGN - TITLE SHEET - PROJECT DESCRIPTION - PRELIMINARY
   п
           431
                  DESIGN - TITLE SHEET - PROJECT DESCRIPTION - ROW
   DESIGN - TITLE SHEET - PROJECT DESCRIPTION - CONSTRUCTION
           432
   \overline{\mathbf{A}}
           433
                  DESIGN - TITLE SHEET - PROJECT DESCRIPTION - CONSTRUCTION #2
           434
                  DESIGN - TITLE SHEET - PROJECT DESCRIPTION - ROW UTILITIES ONLY
   П
                  DESIGN - TITLE SHEET - PROJECT DESCRIPTION - RESURFACING
           435
   П
           436
                  DESIGN - TITLE SHEET - PROJECT DESCRIPTION - RESURFACING SAFETY
           440
                  DESIGN - TITLE SHEET - REVISION TEXT - ROW
\overline{\mathbf{Q}}
           441
                  DESIGN - TITLE SHEET - REVISION TEXT - CONSTRUCTION
    DESIGN - TITLE SHEET - TITLE SHEET BLOCKS - TRAFFIC DATA BLOCK #1 (SURVEY DATA)
\overline{\mathbf{\Delta}}
           450
     451
                  DESIGN - TITLE SHEET - TITLE SHEET BLOCKS - TRAFFIC DATA BLOCK #2
\overline{\mathbf{A}}
     DESIGN - TITLE SHEET - TITLE SHEET BLOCKS - TRAFFIC DATA BLOCK #3
   \overline{\mathbf{A}}
           452
                  DESIGN – TITLE SHEET – TITLE SHEET BLOCKS – DESIGN EXCEPTION
           453
ব
     \square
                  DESIGN - TITLE SHEET - TITLE SHEET BLOCKS - ROAD TO BE CLOSED
           454
     DESIGN - TITLE SHEET - TITLE SHEET BLOCKS - NO EXCLUSIONS
           455
\square
     DESIGN - TITLE SHEET - TITLE SHEET BLOCKS - EXCLUSIONS
\overline{\mathbf{A}}
     П
           456
                  DESIGN - TITLE SHEET - TITLE SHEET BLOCKS - TRAFFIC DATA BLOCK #4 (RESURFACE AND SAFETY)
\square
     П
           457
           460
                  DESIGN - TITLE SHEET - LOCATION MAP - COUNTY MAP
   \overline{\mathbf{A}}
           461
                  DESIGN - TITLE SHEET - LOCATION MAP - ADDITIONAL TEXT - PRELIMINARY
   П
                  DESIGN - TITLE SHEET - LOCATION MAP - ADDITIONAL TEXT - ROW
           462
   П
           463
                  DESIGN - TITLE SHEET - LOCATION MAP - ADDITIONAL TEXT - CONSTRUCTION #1
   \square
           464
                  DESIGN - TITLE SHEET - LOCATION MAP - ADDITIONAL TEXT - CONSTRUCTION #2
```

#### **Resurfacing Title Sheet**

```
\square
                       30
                             DESIGN - SCRATCH - User 1
             \overline{\mathbf{A}}
                       32
                             DESIGN - CENTERLINE - Proposed Text
             \square
                       61
                             DESIGN - SHEET - Linework
             \overline{\mathbf{A}}
                       62
                             DESIGN - SHEET - Corner Text
             \overline{\mathbf{A}}
                      280
                             DESIGN - SHEET - Plot Shape
Page | 14
               \square
                      400
                             DESIGN - TITLE SHEET - TITLE SHEET PROPERTIES - TDOT IDENTIFICATION BLOCK
                             DESIGN - TITLE SHEET - TITLE SHEET PROPERTIES - CONSULTANT IDENTIFICATION BLOCK
                      401
              \overline{\mathbf{A}}
                             DESIGN - TITLE SHEET - TITLE SHEET PROPERTIES - TEXT
                      402
                             DESIGN – TITLE SHEET – TITLE SHEET PROPERTIES – LINE WORK
             \overline{\mathbf{A}}
                      403
                      405
                             DESIGN - TITLE SHEET - STATE MAP - STATE AND COUNTIES BORDER
             M
             \square
                      406
                             DESIGN - TITLE SHEET - STATE MAP - COUNTY NAMES
               410
                             DESIGN - TITLE SHEET - SHEET AND INDEX - PRELIMINARY PHASE
                             DESIGN - TITLE SHEET - SHEET AND INDEX - RIGHT-OF-WAY PHASE
                      411
               DESIGN - TITLE SHEET - SHEET AND INDEX - CONSTRUCTION PHASE
                      412
                             DESIGN - TITLE SHEET - SHEET AND INDEX - RESURFACING
             \overline{\mathbf{A}}
                      413
                             DESIGN - TITLE SHEET - SHEET AND INDEX - RESURFACING AND SAFETY
                      414
                             DESIGN - TITLE SHEET - PROJECT LENGTH - ROW
                      420
               421
                             DESIGN - TITLE SHEET - PROJECT LENGTH - CONSTRUCTION #1
               П
                             DESIGN - TITLE SHEET - PROJECT LENGTH - CONSTRUCTION #2
                      422
                             DESIGN - TITLE SHEET - PROJECT LENGTH - RESURFACING (RIDING SURFACE)
              \square
                      423
                             DESIGN - TITLE SHEET - PROJECT LENGTH - RESURFACING (NON-RIDING SURFACE)
              \overline{\mathbf{A}}
                      424
                             DESIGN - TITLE SHEET - PROJECT LENGTH - RESURFACING ONLY
              \overline{\mathbf{Q}}
                      425
                      426
                             DESIGN - TITLE SHEET - PROJECT LENGTH - ROW UTILITIES ONLY
                      430
                             DESIGN - TITLE SHEET - PROJECT DESCRIPTION - PRELIMINARY
               П
                             DESIGN - TITLE SHEET - PROJECT DESCRIPTION - ROW
                      431
               П
                             DESIGN - TITLE SHEET - PROJECT DESCRIPTION - CONSTRUCTION
               432
                      433
                             DESIGN - TITLE SHEET - PROJECT DESCRIPTION - CONSTRUCTION #2
               DESIGN - TITLE SHEET - PROJECT DESCRIPTION - ROW UTILITIES ONLY
                      434
               \square
                      435
                             DESIGN - TITLE SHEET - PROJECT DESCRIPTION - RESURFACING
               436
                             DESIGN - TITLE SHEET - PROJECT DESCRIPTION - RESURFACING SAFETY
                      440
                             DESIGN - TITLE SHEET - REVISION TEXT - ROW
             ◩▢
                             DESIGN - TITLE SHEET - REVISION TEXT - CONSTRUCTION
                      441
             \overline{\mathbf{A}}
                      450
                             DESIGN - TITLE SHEET - TITLE SHEET BLOCKS - TRAFFIC DATA BLOCK #1 (SURVEY DATA)
                             DESIGN - TITLE SHEET - TITLE SHEET BLOCKS - TRAFFIC DATA BLOCK #2
             \square
                      451
                             DESIGN – TITLE SHEET – TITLE SHEET BLOCKS – TRAFFIC DATA BLOCK #3
             \square
                      452
                             DESIGN - TITLE SHEET - TITLE SHEET BLOCKS - DESIGN EXCEPTION
             \square
                      453
             oldsymbol{\square}
                      454
                             DESIGN - TITLE SHEET - TITLE SHEET BLOCKS - ROAD TO BE CLOSED
                             DESIGN - TITLE SHEET - TITLE SHEET BLOCKS - NO EXCLUSIONS
             \square
                      455
                             DESIGN - TITLE SHEET - TITLE SHEET BLOCKS - EXCLUSIONS
             \square
                      456
                             DESIGN - TITLE SHEET - TITLE SHEET BLOCKS - TRAFFIC DATA BLOCK #4 (RESURFACE AND SAFETY)
             457
             \overline{\mathbf{A}}
                      460
                             DESIGN - TITLE SHEET - LOCATION MAP - COUNTY MAP
                             DESIGN - TITLE SHEET - LOCATION MAP - ADDITIONAL TEXT - PRELIMINARY
                      461
               462
                             DESIGN - TITLE SHEET - LOCATION MAP - ADDITIONAL TEXT - ROW
               DESIGN - TITLE SHEET - LOCATION MAP - ADDITIONAL TEXT - CONSTRUCTION #1
                      463
               464
                             DESIGN - TITLE SHEET - LOCATION MAP - ADDITIONAL TEXT - CONSTRUCTION #2
```

#### Resurface and Safety Title Sheet

```
\overline{\mathbf{Q}}
           30
                  DESIGN - SCRATCH - User 1
   \overline{\mathbf{A}}
            32
                  DESIGN - CENTERLINE - Proposed Text
   \square
           61
                  DESIGN - SHEET - Linework
   \overline{\mathbf{A}}
           62
                  DESIGN - SHEET - Corner Text
           280
                  DESIGN - SHEET - Plot Shape
   \overline{\mathbf{A}}
                                                                                                                     Page | 15
                  DESIGN - TITLE SHEET - TITLE SHEET PROPERTIES - TDOTIDENTIFICATION BLOCK
           400
   \overline{\mathbf{A}}
           401
                  DESIGN - TITLE SHEET - TITLE SHEET PROPERTIES - CONSULTANT IDENTIFICATION BLOCK
                  DESIGN - TITLE SHEET - TITLE SHEET PROPERTIES - TEXT
   \square
           402
           403
                  DESIGN - TITLE SHEET - TITLE SHEET PROPERTIES - LINE WORK
   \overline{\mathbf{A}}
   \overline{\mathbf{A}}
           405
                  DESIGN - TITLE SHEET - STATE MAP - STATE AND COUNTIES BORDER
                  DESIGN - TITLE SHEET - STATE MAP - COUNTY NAMES
   \overline{\mathbf{A}}
           406
                  DESIGN - TITLE SHEET - SHEET AND INDEX - PRELIMINARY PHASE
           410
   411
                  DESIGN - TITLE SHEET - SHEET AND INDEX - RIGHT-OF-WAY PHASE
   412
                  DESIGN - TITLE SHEET - SHEET AND INDEX - CONSTRUCTION PHASE
   П
           413
                  DESIGN - TITLE SHEET - SHEET AND INDEX - RESURFACING
   \square
           414
                  DESIGN - TITLE SHEET - SHEET AND INDEX - RESURFACING AND SAFETY
                  DESIGN - TITLE SHEET - PROJECT LENGTH - ROW
   420
                  DESIGN - TITLE SHEET - PROJECT LENGTH - CONSTRUCTION #1
   421
           422
                  DESIGN - TITLE SHEET - PROJECT LENGTH - CONSTRUCTION #2
   DESIGN - TITLE SHEET - PROJECT LENGTH - RESURFACING (RIDING SURFACE)
   \overline{\mathbf{A}}
           423
   \square
           424
                  DESIGN - TITLE SHEET - PROJECT LENGTH - RESURFACING (NON-RIDING SURFACE)
           425
                  DESIGN - TITLE SHEET - PROJECT LENGTH - RESURFACING ONLY
   \overline{\mathbf{A}}
           426
                  DESIGN - TITLE SHEET - PROJECT LENGTH - ROW UTILITIES ONLY
   П
           430
                  DESIGN - TITLE SHEET - PROJECT DESCRIPTION - PRELIMINARY
   П
                  DESIGN - TITLE SHEET - PROJECT DESCRIPTION - ROW
           431
   DESIGN - TITLE SHEET - PROJECT DESCRIPTION - CONSTRUCTION
           432
   433
                  DESIGN - TITLE SHEET - PROJECT DESCRIPTION - CONSTRUCTION #2
   DESIGN - TITLE SHEET - PROJECT DESCRIPTION - ROW UTILITIES ONLY
           434
   П
                  DESIGN - TITLE SHEET - PROJECT DESCRIPTION - RESURFACING
           435
   П
   \square
           436
                  DESIGN - TITLE SHEET - PROJECT DESCRIPTION - RESURFACING SAFETY
                  DESIGN - TITLE SHEET - REVISION TEXT - ROW
           440
    DESIGN - TITLE SHEET - REVISION TEXT - CONSTRUCTION
           441
   DESIGN - TITLE SHEET - TITLE SHEET BLOCKS - TRAFFIC DATA BLOCK #1 (SURVEY DATA)
           450
\overline{\mathbf{A}}
     \square
                  DESIGN - TITLE SHEET - TITLE SHEET BLOCKS - TRAFFIC DATA BLOCK #2
           451
\square
                  DESIGN - TITLE SHEET - TITLE SHEET BLOCKS - TRAFFIC DATA BLOCK #3
     452
                  DESIGN – TITLE SHEET – TITLE SHEET BLOCKS – DESIGN EXCEPTION
           453
\square
     DESIGN - TITLE SHEET - TITLE SHEET BLOCKS - ROAD TO BE CLOSED
\overline{\mathbf{A}}
           454
     DESIGN - TITLE SHEET - TITLE SHEET BLOCKS - NO EXCLUSIONS
           455
\square
     DESIGN - TITLE SHEET - TITLE SHEET BLOCKS - EXCLUSIONS
\overline{\mathbf{A}}
     П
           456
                  DESIGN - TITLE SHEET - TITLE SHEET BLOCKS - TRAFFIC DATA BLOCK #4 (RESURFACE AND SAFETY)
\square
     П
           457
           460
                  DESIGN - TITLE SHEET - LOCATION MAP - COUNTY MAP
   \overline{\mathbf{A}}
           461
                  DESIGN - TITLE SHEET - LOCATION MAP - ADDITIONAL TEXT - PRELIMINARY
   П
                  DESIGN - TITLE SHEET - LOCATION MAP - ADDITIONAL TEXT - ROW
           462
   П
           463
                  DESIGN - TITLE SHEET - LOCATION MAP - ADDITIONAL TEXT - CONSTRUCTION #1
   464
                  DESIGN - TITLE SHEET - LOCATION MAP - ADDITIONAL TEXT - CONSTRUCTION #2
    п
```

#### **ROW Utilities Only Title Sheet**

```
\square
                      30
                             DESIGN - SCRATCH - User 1
             \overline{\mathbf{A}}
                      32
                             DESIGN - CENTERLINE - Proposed Text
             \square
                      61
                             DESIGN - SHEET - Linework
             \overline{\mathbf{A}}
                      62
                             DESIGN - SHEET - Corner Text
             \overline{\mathbf{A}}
                      280
                             DESIGN - SHEET - Plot Shape
Page | 16
               \square
                      400
                             DESIGN - TITLE SHEET - TITLE SHEET PROPERTIES - TDOT IDENTIFICATION BLOCK
                             DESIGN - TITLE SHEET - TITLE SHEET PROPERTIES - CONSULTANT IDENTIFICATION BLOCK
                      401
             \overline{\mathbf{A}}
                             DESIGN - TITLE SHEET - TITLE SHEET PROPERTIES - TEXT
                      402
                             DESIGN – TITLE SHEET – TITLE SHEET PROPERTIES – LINE WORK
             \overline{\mathbf{A}}
                      403
                      405
                             DESIGN - TITLE SHEET - STATE MAP - STATE AND COUNTIES BORDER
             M
             \square
                      406
                             DESIGN - TITLE SHEET - STATE MAP - COUNTY NAMES
                      410
                             DESIGN - TITLE SHEET - SHEET AND INDEX - PRELIMINARY PHASE
             \square
                             DESIGN - TITLE SHEET - SHEET AND INDEX - RIGHT-OF-WAY PHASE
                      411
                             DESIGN - TITLE SHEET - SHEET AND INDEX - CONSTRUCTION PHASE
                      412
                      413
                             DESIGN - TITLE SHEET - SHEET AND INDEX - RESURFACING
               П
                             DESIGN - TITLE SHEET - SHEET AND INDEX - RESURFACING AND SAFETY
               П
                      414
                             DESIGN - TITLE SHEET - PROJECT LENGTH - ROW
                      420
               DESIGN - TITLE SHEET - PROJECT LENGTH - CONSTRUCTION #1
                      421
               П
                            DESIGN - TITLE SHEET - PROJECT LENGTH - CONSTRUCTION #2
                      422
               DESIGN - TITLE SHEET - PROJECT LENGTH - RESURFACING (RIDING SURFACE)
                      423
               DESIGN - TITLE SHEET - PROJECT LENGTH - RESURFACING (NON-RIDING SURFACE)
                      424
                             DESIGN - TITLE SHEET - PROJECT LENGTH - RESURFACING ONLY
               425
             \square
                      426
                             DESIGN - TITLE SHEET - PROJECT LENGTH - ROW UTILITIES ONLY
                      430
                             DESIGN - TITLE SHEET - PROJECT DESCRIPTION - PRELIMINARY
               DESIGN - TITLE SHEET - PROJECT DESCRIPTION - ROW
               П
                      431
                             DESIGN - TITLE SHEET - PROJECT DESCRIPTION - CONSTRUCTION
                      432
               433
                             DESIGN - TITLE SHEET - PROJECT DESCRIPTION - CONSTRUCTION #2
               П
                             DESIGN - TITLE SHEET - PROJECT DESCRIPTION - ROW UTILITIES ONLY
             \overline{\mathbf{A}}
                      434
                             DESIGN - TITLE SHEET - PROJECT DESCRIPTION - RESURFACING
               435
               436
                             DESIGN - TITLE SHEET - PROJECT DESCRIPTION - RESURFACING SAFETY
                      440
                             DESIGN - TITLE SHEET - REVISION TEXT - ROW
             ◩▢
                             DESIGN - TITLE SHEET - REVISION TEXT - CONSTRUCTION
                      441
             \square
                      450
                             DESIGN - TITLE SHEET - TITLE SHEET BLOCKS - TRAFFIC DATA BLOCK #1 (SURVEY DATA)
                             DESIGN - TITLE SHEET - TITLE SHEET BLOCKS - TRAFFIC DATA BLOCK #2
             \square
                      451
                             DESIGN – TITLE SHEET – TITLE SHEET BLOCKS – TRAFFIC DATA BLOCK #3
             \square
                      452
                             DESIGN - TITLE SHEET - TITLE SHEET BLOCKS - DESIGN EXCEPTION
             \square
                      453
             \square
                      454
                             DESIGN - TITLE SHEET - TITLE SHEET BLOCKS - ROAD TO BE CLOSED
                             DESIGN - TITLE SHEET - TITLE SHEET BLOCKS - NO EXCLUSIONS
             \square
                      455
                             DESIGN - TITLE SHEET - TITLE SHEET BLOCKS - EXCLUSIONS
             \square
                      456
                             DESIGN - TITLE SHEET - TITLE SHEET BLOCKS - TRAFFIC DATA BLOCK #4 (RESURFACE AND SAFETY)
             457
             \overline{\mathbf{A}}
                      460
                             DESIGN - TITLE SHEET - LOCATION MAP - COUNTY MAP
                             DESIGN - TITLE SHEET - LOCATION MAP - ADDITIONAL TEXT - PRELIMINARY
                      461
               462
                             DESIGN - TITLE SHEET - LOCATION MAP - ADDITIONAL TEXT - ROW
               DESIGN - TITLE SHEET - LOCATION MAP - ADDITIONAL TEXT - CONSTRUCTION #1
                      463
               464
                             DESIGN - TITLE SHEET - LOCATION MAP - ADDITIONAL TEXT - CONSTRUCTION #2
```

# Other Mapping files

#### T.D.O.T. Planning Division Maps:

City and Planimetric Maps at scale 1" = 1000' or 1" = 2000'

Many city and county maps are available in PDF format on T.D.O.T. website at

Page | 17

City Maps

**County Maps** 

Consultants can request Planning Division map files from the T.D.O.T. website at <a href="https://www.tn.gov/tdot/driver-how-do-i/look-at-or-order-state-maps/maps/maps-ordering.html">https://www.tn.gov/tdot/driver-how-do-i/look-at-or-order-state-maps/maps/maps/maps-ordering.html</a>

# **Using City and Planimetric Maps or Other Non-NAD83 Maps**

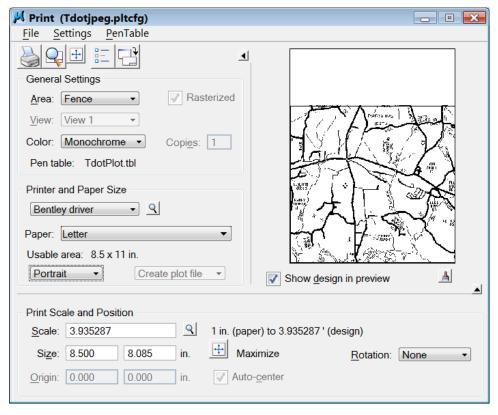
- 1. Open the mapping DGN file Use Coborder.dgn if there is no DGN for the CIT.
- 2. If needed, attach the CIT raster file with **Raster Manager**. Click **off** the option to **Place Interactively**.
- 3. Draw a box the size required for the map area.

Box size = Inches Plotted times the map scale

Example: 10" (plotted) x 1000' (city map and planimetric scale) = 10000' box.

- 4. Set the view attributes to Line Weights on, Data Fields off, Fill on.
- 5. Place a fence around the box.
- 6. Use MicroStation Print to create a JPG file. Go to File > Print.

Attach the **Tdotjpeg.pltcfg** plotter driver. Go to **File > Select Bentley Driver** 



Page | 18

Go to File > Print (first icon) and save the JPG file to the project folder.

#### In a Design Division Title Sheet DGN file:

- Draw the map box in your title sheet DGN file (use same size as used to create the JPG file).
- 8. In MicroStation go to File > Raster Manager. In the Raster Manager dialog box, go to File > Attach and select the map JPG file. Click on the options to Place Interactively. Select OK and pick two diagonal corners of the map box.