

W:\C3D\Drafting Standards\A ROW Drafting GUIDELINES-NOTES 8/26/2021 6:07:28 AM

# ROW AutoCAD FILES AND GENERAL GUIDELINES FOR PROJECT DRAWINGS

PROJECT DESIGNATION	SHEET NUMBER	TOTAL SHEETS
000####/Z#####10000	RX	RXX

## DRAFTING STANDARDS AND SUPPORT FILES (SNIP OF MAIN FILES)

W:\C3D\Drafting Standards\ (same as files at right)

Drafting Standards	PDF 2021 Drafting Standard ROW Drawings
z_Backup	
12345_R1 ROW Cover.dwg	
12345_R2 ROW Legend.dwg	
12345_R3 ROW Tract.dwg	
12345_R4 ROW Plan.dwg	
12345_R5 ROW Monument.dwg	
a_ROW Drafting GUIDELINES-NOTES.dwg	
a_ROW Parcel Drafting ENTITIES 50Scale.dwg	
a_ROW Parcel Drafting ENTITIES 100Scale.dwg	
a_ROW Title Block.MS.dwg	
Squeaky.dwg	
PRCL, ESMT, TCEP Check List.xlsx	
ROW Standards Update.xlsx	
2021.07.26 ROW Drawing Standards Update.docx	
Archive	
BLOCKS	
DWT	
PDF Template Styles and Layouts	
ROW_Template Archive	
ROW_Template Plan Sheeting	
ROW_Template v16	
ROW_Template.dwt (current)	
Layouts: PLAN, ESMT, EXBT, ILMA, PRCL, SCHD B, SCHD C, TCE, TCP, SEAL (20 layouts Portrait and Landscape for each type)	
ROW_Template Visual Styles.dwt (current for development)	
Layouts: (same as above with all styles and additional entities VISIBLE in MSpace. Includes 12 additional layouts to plot template styles: LINE 1, LINE 2, CURVE 3, ALGN LINE 4, ALGN CURV 5, ALGN STA OFF 6, ALGN STA OFF 7, TABLES 8, CURVE TABLE 9, NOTE MARKER 10, DIMS TEXT 11, MONS 12	
Edit template in this dwt, saves ROW_Template.dwt, erase ALL in Model Space and 12 style plotting layouts.	
Squeaky.dwt (clean drawing)	
x_ROW_Template Pre-2016 dot_crhwy_letter CRDG2019ctb.dwt	
x_ROW_Template Pre-2016 dot_crhwy_letter.dwt	
HYD Template Scales 2019.dwg	
HYD Template Scaled.dwg	
PDF 2021 Drafting Standard ROW Drawings	
*.pdf of all standard drawings listed in folder above and Examples: Project drawings for ROW Plan Set, Airport Property Plan, Parcels, Easements, TCE's, TCP's Plans Page Set-up, Parcel Drafting Entities, and ROW Drafting GUIDLINES-NOTES (this drawing file)	

## Support Files

a_AVD	
a_HYD	
a_ROW CRDG Chapter 4	
CTB	
CRDOT CTB Archive	
CRDOT_CTB Line Weight_Color.pdf	
1dot_crhwy.ctb	
59765_1dot_crhwy.ctb	
ADOT_AVD.ctb	
ADOT_AVD_HS.ctb	
adot_hs.ctb	
CRDOT_Fullsize.ctb	
CRDOT_Letter.ctb	
dot_crhwy.ctb	
dot_crhwy_letter.ctb	
ROWE_8_5x11E.ctb	
ROWE_8_5x14ParcelPlat.ctb	
ROWE_11x17E.ctb	
ROWE_11x17Imperial.ctb	
ROWE_11x17M.ctb	
ROWE_22x34Imperial.ctb	
ROWE_22x34M.ctb	
CRDOT_CTB.dwg	
PlotandPublishLog.CSV	
CRDOT_CTB Line Weights.xlsx	

## STANDARD DRAWINGS AND FILE STRUCTURE

W:\C3D\Drafting Standards\ (same as images at left)

12345_R1 ROW Cover.dwg	
12345_R1 ROW Legent.dwg	
12345_R1 ROW Tract.dwg	
12345_R1 ROW Plan.dwg	(resides in ROW_Template.dwt)
12345_R1 ROW Monument.dwg	(Layout Notes, TTLB, Tables)
a_ROW Parcel Drafting GUIDELINES-NOTES.dwg	
a_ROW Parcel Drafting ENTITIES 50Scale.dwg	
a_ROW Parcel Drafting ENTITIES 100Scale.dwg	
a_ROW Title Block_model space.dwg	
Squeaky.dwg	
PRCL, ESMT, TCEP Check List.xlsx	(project record option)
ROW Standards Update.xlsx	(standard update record)

## Archive

2000-2013, 2014	
2015 ROW CAD Standards Develop and Review (pre-2016)	
2016, 2017, 2018, 2019, (DNR Title Block.dwg-retired), 2020, 2021,	

## BLOCKS

All current block drawings: Arrows, Bubbles, Match Lines, Mile Post, Mons, Notes, Seals, Stamps, etc.  
Obsolete To Delete - Backup/ (\*2018-2021)  
z\_Block Archive/Block Archive v\_2016.zip  
/Block Archive v\_2019/2017-2021  
z\_PDF BLOCKS  
PDF of informational drawings only, eg. Sections.

## DWT (Template contains All Title Blocks as Layouts)

ROW_Template Archive	
ROW_Template Plan Sheeting	
ROW_Template v16	
ROW_Template.dwt (current)	
Layouts: PLAN, ESMT, EXBT, ILMA, PRCL, SCHD B, SCHD C, TCE, TCP, SEAL (20 layouts Portrait and Landscape for each type)	
ROW_Template Visual Styles.dwt (current for development)	
Layouts: (same as above with all styles and additional entities VISIBLE in MSpace. Includes 12 additional layouts to plot template styles: LINE 1, LINE 2, CURVE 3, ALGN LINE 4, ALGN CURV 5, ALGN STA OFF 6, ALGN STA OFF 7, TABLES 8, CURVE TABLE 9, NOTE MARKER 10, DIMS TEXT 11, MONS 12	
Edit template in this dwt, saves ROW_Template.dwt, erase ALL in Model Space and 12 style plotting layouts.	
Squeaky.dwt (clean drawing)	
x_ROW_Template Pre-2016 dot_crhwy_letter CRDG2019ctb.dwt	
x_ROW_Template Pre-2016 dot_crhwy_letter.dwt	
HYD Template Scales 2019.dwg	
HYD Template Scaled.dwg	

## PDF 2021 Drafting Standard ROW Drawings

\*.pdf of all standard drawings listed in folder above and Examples: Project drawings for ROW Plan Set, Airport Property Plan, Parcels, Easements, TCE's, TCP's Plans Page Set-up, Parcel Drafting Entities, and ROW Drafting GUIDLINES-NOTES (this drawing file)

12345_R1 ROW Cover.pdf	
12345_R2 ROW Legend.pdf	
12345_R2 ROW Legend_S.pdf	
12345_R3 ROW Tract.pdf	
a_ROW Drafting GUIDELINES-NOTES.pdf	
a_ROW Parcel Drafting ENTITIES 50.pdf	
a_ROW Parcel Drafting ENTITIES 100.pdf	
a_ROW Plan Set Layout.pdf	
a_ROW_Template Layouts ALL.pdf	
a_ROW_Template Plan_PrcL_Seal Notes.pdf	
Examples EASEMENT 30148 E-1_7 and TCP-8 PAPP Homer.pdf	
Examples EXHIBIT A.pdf	
Examples PARCEL- TCP- TCE 52461 Homer Lake Street.pdf	
Examples PLAN and PARCEL 55158 CrookedCreek Airport Property.pdf	
Examples ROW ACQ PLAT 53610-Seward Hwy 17-22 R1-23 20180215.pdf	
Sections36.pdf	

## DRAFTING STANDARDS ARCHIVE

W:\Acad\Template

ALL Former ROW Files pre-C3D and/or 2014 (for reference)  
Right-of-Way Standards 2012 (obsolete files)  
Right-of-Way Standards 2014 (obsolete files)  
Symbols and Standard Drawings (obsolete files)

## SUPPORT FILES

W:\C3D\Support Files

a_AVD	
a_HYD	
a_ROW CSDG Chapter 4	
CTB (SEE SNIP AT LEFT FOR ADDITIONAL FILES)	
CRDOT CTB Archive	
CRDOT_Fullsize.ctb	
CRDOT_Letter.ctb	
dot_crhwy*, ROWE_*, CRDOT_CTB.dwg	
CUI, DGN, FONTS, LIN, LSP, PC3, PCP, PGP, Profiles ARG	
s_Sincpac	
z_AutoCAD 2016 HelpDesk	
z_Consultant	
z_Drafting Readme Notes	
z_GIS	
z_Layers	
z_Manuals	
z_Parcel Checklists	
z_Pathing AutoCAD for Right-of-Way	
z_Plotters and Printers	
z_Resource General	
z_ROW Building Plans	
z_Sound Recordings	
z_Standards	
z_Styles	
z_Tables	

## ROWE FILES COMBINED FOR CONSULTANT / HYD

W:\C3D\X\_AKDOT Right-Of-Way Engineering Masters\

- CRDOT ROW Standard AutoCAD \*.zip (all) or Folder files to send to consultant. (FTP)  
HYD design has access to this site for copy.
- AKDOT ROW Drawing Masters 2021  
12345\_R1 ROW Cover.dwg  
12345\_R2 ROW Legend.dwg  
12345\_R3 ROW Tract.dwg  
12345\_R4 ROW Plan.dwg  
12345\_R5 ROW Monument.dwg  
CRDOT\_Fullsize.ctb (W:\C3D\Support Files\CTB - original link)  
CRDOT\_Letter.ctb  
ROW\_Template.dwt  
ROW\_Template\_Visual Styles.dwt
  - AKDOT ROW Drawing Support 2021  
a\_ROW Parcel Drafting Entities 50Scale.dwg  
a\_ROW Parcel Drafting Entities 100Scale.dwg  
a\_ROW Drafting INSTRUCTION.dwg  
HYD Template Scales 2019.dwg  
HYD Template Scales.dwg  
CRDOT\_CTB Line Weights.xlsx.xlsx  
PRCL, ESMT, TCEP Check List.xlsx
  - AKDOT ROW Drawing Examples 2021  
PDF examples of all of the above and project drawings.
  - AKDOT ROW Masters 20210721.zip (all of the above)
  - README AKDOT ROW Masters\_Examples\_Support.docx  
PDF of above files for consultant  
z\_Archive

## W:\C3D\Z\_AKDOT Highway Design Masters Link, Current CRDG

LINK > HighwayDesignMasters\Autocad\CAD\_v19  
ACADSetup, Borders, Supprt Drawings,  
INSERT 12345\_A03\_LGND.dwg to update  
12345\_R2 ROW Legend.dwg for HIGHWAY DESIGN, TRAFFIC and UTILITIES only.  
Support Files, Template  
Drafting Guide  
L:\HighwayDesignMasters\Autocad\DraftingGuide  
CAD Standards & Drafting Guide.pdf:  
CSDG\_Cover, Ch1\_Overview, Ch\_2\_General, Ch\_3\_Survey, Ch\_4 (ROW), Ch\_5\_Highway

## W:\C3D\Z\_Development

(Notes and Examples of ROW/HYD Standards coordination)

## PROJECT PROCESS

### PROJECT FILE NUMBER

OLD AKSAS:	57350
NEW IRIS for OLD AKSAS:	Z573500000
NEW IRIS:	CFHWY00005

Drawings will use both "NEW IRIS and OLD AKSAS Project Numbers until AKSAS number is phased out: CRHWY00258/Z511230000

Acronyms for new IRIS number:

CFAPT	Central Federal Airport
CSAPT	Central State Airport
CFHWY	Central Federal Highway
CDRER	Disaster Relief Emergency Response

### ROW PROCESS

Phase 1	ROW Map Development Pre-design > Base Map > Record of Survey and (recording with DNR of existing) > ROW Base Map
Phase 2	Planning scope
Phase 3	Design and row base plan
Phase 4	ROW Map (Acquisition - w/Parcels, TCE, TCP, etc.) (CRDG - APPENDIX B)
Phase 5	Utilities Relocate
Phase 6	Construction
Phase 7	As-Built
Phase 8	ROW MAP (Record of Survey)

AIRPORT PROPERTY PLANS (CRDG - APPENDIX C)

EXHIBIT 'A' (transfer of deed)(Federal Grant Funding)

PARCELS (Right-of-Way Required: anno-bubble w/no.)  
(CRDG - APPENDIX D)

EASEMENTS (ROW Easement Required for: anno-ellipse w/no.)  
Same as parcel showing only 'Easement Area' (net take) and entire lot showing B&D all sides  
TCE (Temporary Construction Easement Required for) and  
TCP (Temporary Construction Permit Required for)

Condemnation: (CRDG - APPENDIX E)

SCHEDULE 'A' (condemnation of property)  
(legal tract description - letter format)

SCHEDULE 'B' (vicinity map for parcel - letter format)

SCHEDULE 'C' (exactly as a parcel plat without owner information)

### PROCESS FOR ROW PROJECT DRAWINGS WITH SURV/HYD

TOPO DWG FROM SURVEY  
SAVEAS PROJ DRAWING TOPO: e.g. "55520\_TOPO.dwg"  
PURGE TINS, CONTOURS  
EXPORT CSV  
OPEN ROW TEMPLATE (ROW\_Template)  
SAVEAS PROJECT ROWM OR ROWB: e.g."55520\_ROWm.dwg"  
IMPORT CSV  
XREF TOPO TO PROJECT DRAWING  
(XREF layers: 0-XREF-BASE \*TOPO,DSGN,DAYL,TCEP,etc.)

### PLAN SET DRAWINGS (22x34) AnsiD

- R1 COVER (12345\_R1 Cover.dwg  
ROW TTLB, AK Project Location Map, Titles, Sh No., Project No., Narrow/TRMeridian, Site Map, Surveyor(s) Signature Dialogue/Address/Stamps)
- R2 LEGEND (12345\_R2 Legend.dwg  
ROW TTLB and legend consolidated  
AKDOT HighwayDesignMasters CRDG legend)
- R3 TRACT (12345\_R2 Tract.dwg  
ROW TTLB, Layout Viewports, Narrow Scale)
- R4 PLAN (12345\_R4 ROW Plan.dwg: ROW TTLB, Layout Viewports, Narrow Scale, Parcel Table)
- R8 MONUMENTS (12345\_R5 Monument.dwg  
(or use point table styles from ROW\_Template.dwt)

## PROJECT COVER AND PLAN NAMING

### RIGHT-OF-WAY MAP

ROWM Current ROW Base Map with Acquisitions/Parcels

### RIGHT-OF-WAY BASE MAP

ROWB Current ROW Map with Record of Survey

### ALTERNATE (name change at recording)

### RIGHT-OF-WAY ACQUISITION MAP

Current ROW Base Map with Acquisitions / Parcels

### RIGHT-OF-WAY RECORD OF SURVEY

Current ROW Base Map with Acquisitions / Parcels

## OBSOLETE

### RIGHT-OF-WAY RECORD

Type: Right-of-Way Base Map

### RIGHT-OF-WAY ACQUISITION PLAT

Type: Right-of-Way Map with Acquisitions and Parcels

### NEW PROJECT SETUP (e.g. Project number 53456)

From W:\C3D\Drafting Standards

- Copy ROW Template.dwt into Project XREE folder as 53456\_ROW\_Template.dwt and edit with project information. (The ROW\_Template.dwt contains all styles and layouts with Title blocks for Plan Sheet, Exhibits and all Parcels Sheets). Update the layout needed with Project information and saveas 53456 Parcel \*.dwg and/or 53456 R4-Plan.dwg etc.
- Copy ROW Title Block.dwg into Project XREE folder as 53456\_Title\_block.dwg (if using as an X-reference into a large plan set with many sheets, Fields and Sheet Set).
- Copy '12345 R1 ROW Cover' into Project folder and edit the Cover Sheet with project information, Site and Location Maps, Record of Survey or Right-of-Way, Acquisition, etc. 53456\_R1\_ROW\_Cover.dwg
- Copy '12345 R2 ROW Legend' into Project folder and edit. 53456\_R2\_ROW\_Legend.dwg
- Copy '12345 R3 ROW Tract' into Project folder and edit. 53456\_ROW\_R3\_Tract.dwg

## TEMPLATES

A DRAWING IS INSERTED INTO TEMPLATE FOR UPDATES

- Inserting a drawing into a template will maintain styles and update the drawings color and linetype assigned to layers.
- Inserting a template file into a drawing will not update the drawing. Transfer individual styles through Toolspace.
- Command: IMPORTSYLSEANDSETTINGS

### ADDITIONAL DRAWING PROCESS ITEMS

ALIGNMENT - (in template)  
CURVE DATA - Style: ADOT CURVE DATA

DRAFT 8.25.2021

STATE OF ALASKA DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES  RIGHT-OF-WAY MAP ALASKA PROJECT  000#### / Z#####0000  RIGHT-OF-WAY PARCEL DRAFTING INSTRUCTION			
DRAWN	INI/INI	DATE	8/25/2021
CHECKED		DATE	
SCALE	SCALE	SHEET	OF XX

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## ROW PROJECT GUIDELINES

### AutoCAD PROJECT PROCESS

#### PAGE SETUP

Within the ROW\_Template all title blocks, cover and layouts have been assigned with the most frequently used PDF plot settings (APPLIED TO LAYOUT). Shown below are the Page Setup names including settings.

1711 PDF CRDOT\_F: Halfsize 'check plot' at 11x17" to a PDF file using CRDOT\_Fullsize.ctb w/scaled lineweights  
8511 PDF CRDOT\_L: Letter Portrait (parcel) 'check plot' at 8.5x11" to a PDF file using CRDOT\_Letter.ctb  
1185 PDF CRDOT\_L: Letter Landscape (parcel) 'check plot' at 11x8.5" to a PDF file using CRDPT\_Letter.ctb  
8511 (x,y) indicates letter Portrait,  
1185 (x,y) indicates letter Landscape,  
1711 (x,y) indicates halfsize Plans  
3422 (x,y) indicates fullsize Plans with no scaled line weight

#### PAGE SETUP note shown on initial layouts in ROW\_Template(s)

All 34x22 and 17x11 Plans use:  
'CRDOT\_Fullsize.ctb' (2016)

All 17x11 Plans use CURRENT  
TTLB-PLANS page setup:  
**1711 PDF CRDOT\_Fullsize**  
(Scale: 1:2, v scale lineweights  
plot scale 1"=2 units)

#### STYLES

All styles for ROW are located within the ROW\_Template.dwt. Additional styles needed to achieve a desired format can be made by CREATING A COPY of any style with your drawing and rename/revise. Readability Bias >90' (95') for style text (when set to greater than 90', right-reading will apply to vertical text(s)).

Create additional dimension measurement lines needed for style labeling on an appropriate layer or measure layer provided that will not be erased, frozen or turned off.

ROW Existing Centerline Style  
ROW Proposed Alignment Style - (select to change from HYD)

HYD Styles include features ROW does not use, select one of the above to assured ROW Centerline and Alignment Styles.

STA/OFF 'tick' on end of leader is a HYD Alignment setting within the Alignment style under marker - set to 'none'.  
This feature comes up when align is a HYD Proposed and/or Construction alignment. (9.22.20)

#### POINT TABLE STYLES AND GENERAL TABLE STYLES

(Mon Tables below are listed in recommended Plan-Set order)  
1 PROJECT CENTERLINE MONUMENTS SET THIS SURVEY  
2 RANDOM CONTROL MONUMENTS SET THIS SURVEY-SHEET X  
3 RIGHT-OF-WAY CORNERS SET THIS SURVEY-SHEET X  
4 RECOVERED CORNERS-SHEET X  
4 RECOVERED CORNERS  
5 EXISTING RIGHT-OF-WAY - SOURCE DOCUMENT

#### TABLE STYLES for PLANS

ROW\_Template.dwt (CRDG compliant)  
Paper Space Plan Sheets: LAYER  
PARCEL TABLE V-RWAY-TABL-PRCL or NEW  
REVISION TABLE V-RWAY-TABL-REVS  
SOURCE DOCUMENTS V-RWAY-TABL-SRCE  
ACRONYMS/ABBREVIA V-RWAY-TABL-ACRO-ABBR

LINE TABLES: LAYER  
ROW CURVE TABLE V-RWAY-TABL-CURV  
ROW LINE TABLE V-RWAY-TABL-LINE

MONUMENTS TABLES: LAYER  
ROW Recovered Corners V-RWAY-TABL-CRNR-RCVD  
ROW Project Centerline Monuments Set This Survey V-RWAY-TABL-PROJ-CNTR-STs  
ROW Corners Set This Survey V-RWAY-TABL-CRNR-STs  
ROW Random Control Monuments Set This Survey V-RWAY-TABLE-RCMS

### AutoCAD PROJECT PROCESS

#### SHEET SET MANAGER

SHEETSET at Command Line (Wizard)  
Drop down: OPEN - NEW SHEET SET  
BEGIN Create a New Sheet Set by checking 'Existing Drawings'  
DETAILS Name sheet set with Project Number, Name Description optional  
**Project Sheet Set.dst** 'save' within Project Files folder  
CHOOSE LAYOUTS  
Browse Project Folder for Title Cover, Legend, Tract Map, ROW Base Map and Monument drawings  
Check 'only' the drawing/layouts for the sheet set

#### LAYER STATE MANAGER

Command:  
LM Layer State Manager menu or LMAN  
(use in model space only for simplicity)  
ALT+C close, +D delete, +N new, +V save, +R restore,  
**Save often for any change in layer status**

General names for simplicity:  
BASE for Base Map  
ESMT for Easement  
ROWB for ROW Base Map  
ROWM for ROW Map  
PRCL for Parcels  
PNTS for Points  
WORK for Working (20190710 date and initials)

#### FIELDS

Plan Set dynamic association for:  
Sheet Number  
Sheet Set Match Lines (with no overlap)  
Parcel bubble areas  
Template: TB's and xref's

### PLOTTING

#### PLOTTING DIRECT FROM AUTOCAD

Page Setup: AnsiD 22x34, Extents, CRDOT\_Fullsize.ctb  
(scale lineweights for 11x17).  
Page Setup: pre-2015 AnsiD 22x34, Extents, dot\_crhwy.ctb  
(scale lineweights for 11x17).

PCL for Word and PDF (printer command language)  
PS for Excel and AutoCAD (post script)  
HP uses both of the above, Sharp uses PS

#### PLOTTING TO PDF

Adobe to PDF" Final plot (no layer management)  
DWG to PDF.pc3 Layer management within the PDF file

#### DOT and PF ROW HP and SHARP Printers - 2nd Floor [2.22.18]

RIGHT-OF-WAY ENGINEERING (B&W)  
RWE201 PCL5 HP 8000 (.doc and .pdf)  
RWE201-PS PS HP 8000 (.dwt and .xls)  
RWE202 PCL5 HP M750 Color LaserJet  
RWE202-PS PS HP M750 Color LaserJet  
RWA206 SHARP (ROWE/ROWA hallway location)

#### Highway Design HP Plotter - 2nd Floor

HIGHWAY DESIGN (B&W / COLOR):  
HYD206 PS3 HP T1300  
1) Must load type of paper needed prior to printing  
2) Create pc3 file for properties, proper orientation, etc  
HP DESIGNJET - ROLL STOCK 34" & 36" WIDE

#### Pre-Design Engineering HP Plotter - 1st Floor:

PRE-DESIGN ENGINEERING (B&W / COLOR)  
PDE103 PCL5HP HP T1300  
(use PrintLogic SOA <http://printers.soa.alaska.gov/>)

#### AutoCAD File ZIP and TRANSFER

FILES.zip At the command line type ETRANSMIT

ETRANSMIT typed at the command line within the drawing you intend to send will open the Create Transmittal dialogue box. Within the format you will be able to ZIP an entire plan set with X-Referenced drawings and selected support files.

#### AutoCAD Autosave File Location

C:\Users\ (user file name) \AppData\Local\Temp

#### RECORD PLAN SETS (plotted to mylar/matte film)

Sign.  
Admin Assist to populate spreadsheet.  
Take mylar plan set to make a PDF copy.  
Put PDF copy in Scanned ROW drawer.  
Mapping with note that says it has been sent for recording.  
AIRPORTS 1/2 size PDF's go in Burgandy binder ROW Adim area.  
Send (signed) mylar for recording.

FORMER OR CLOSED PROJECTS  
ROW Project files scanned from Original Document  
W:\Library\Dept of Hwys\  
SCANNED FROM ORIG DOCS-PCL REAL ESTATE FILES

#### RESOURCE

AK DNR Alaska Mapper  
Statutes / Alaska Administrative Code  
11 AAC 06.040 (a)(3)(A)&(B)  
Prerequisites for recording documents

FOR THIS DOCUMENT, THE TERM "RIGHT-OF-WAY" (ROW) IS DEFINED AS: THAT COLLECTION OF INTERESTS WHICH AUTHORIZE THE OPERATION OF THE HIGHWAY FACILITY ACROSS THE OF INTERESTS WHICH AUTHORIZE THE OPERATION OF THE HIGHWAY FACILITY ACROSS THE TO; EASEMENT, FEE SIMPLE, FEDERAL PUBLIC LAND ORDER (PLO), STATE STATUTE AND CODE, (RAILROAD) PERMIT, ETC.

## ROW PARCEL GUIDELINES

### PARCELS

#### PARCELS

ALASKA DOT&PF ROW FORMAT 'RIGHT-OF-WAY REQUIRED'  
8.5x11 (letter: landscape OR portrait)  
2019 'ROW\_Template.dwt' with styles for use with current CRDG\_Letter.ctb (Central Region Design Guide)  
2016 'ROW\_Template.dwt' with styles for use with 2016 CRDG\_Letter.ctb (Central Region Design Guide)  
2014 Template.dwt with styles for use with dotcrhwy.ctb for pre-CRDG formatted/ongoing projects  
8.5x14 (legal: format OBSOLETE as of Dec 2015)

LAYOUT SPACE (LS) or ROW\_Template.dwt)

Title blocks for Parcel, Easements, TCP, TCE, Exhibit  
Area (Gross Take, Net Take, Remain)  
Date (dynamic)  
Legend PARCEL

RIGHT-OF-WAY  
RIGHT-OF-WAY REQUIRED  
AREA REMAINING

Legend TCP  
EXISTING RIGHT-OF-WAY  
TEMPORARY CONSTRUCTION PERMIT REQUIREED

Legend TCE  
EXISTING RIGHT-OF-WAY  
TEMPORARY CONSTRUCTION EASEMENT REQUIRED  
North Arrow (w/TSP RNG MER SEC)

Parcel Number  
Parcel Bubble  
Project Name  
Project Number  
Scale  
Stamps DRAFT and Dwg Time Stamp (freeze both for record)

LAYOUT SPACE MULTIPLE PLATS FOR ONE PARCEL

Parcel Notes: PLATS 1 and \* of \* (for multiple plats)  
Plat 1 of \* This plat shows entire remain or larger . .  
Plat 2 of \* This plat shows entire take . .  
Plat 3 of \* This plat shows partial take . .  
Plat 1 of 2  
Save as "5xxxx Parcel# 1\_2" under Parcel file folder  
Establish layout for entire parcel (LARGER) area.  
'Editdrawingscale' command for drawing units (scale)  
Edit scale bar  
Complete model space entities as described below.  
Plat 2 of 2  
Save Plat 1 as "5xxxx Parcel# 2\_2" under Parcel file folder  
Establish layout for parcel TAKE area.  
'Editdrawingscale' command for drawing units (scale)  
Edit scale bar  
Complete model space entities as described below.

MODEL SPACE (MS)

XREF'S (Overlay)  
ROW BASE MAP (or import Parcel Area line work only)  
TOPO (Infrastructure/Hardscape: Buildings, Walks, Path, Road, a/g Utilities excluding overhead, monuments)  
DESIGN (if impacts beyond ROW line into property)

PARCEL ENTITIES

Line work for Subdivision or Aliquot part:  
SEC COR and SECTION (label) on Section Lines  
1/4 OR 1/16 SEC COR  
SEC22N / SEC27N and/or SEC9E / SEC10E  
Property Lines (with dynamic label styles)  
Arrow and Tie (segment)(to monument or property corner)  
Bearing and Distances  
Length and Radius  
(remove B&D and L&R on adjacent lots)  
Property Identification and adjacent property (lables) from Title Report including Subdivision Name, Plat Number, Block, Lot (ASLS, GOV, USS, SUB, TRACT PLAT, BLOCK, LOT)

- PROJECT CENTERLINE (label with leader)  
Project Centerline or Alignment (Stations minimum of two)  
B&D and Curve Data from PI to PI (styles)  
Arrow and Tie (segment)(to monument or property corner)
- Monuments (PMG, PMC, RCM (at 0.8 scale on letter size)
- RIGHT-OF-WAY LINE (label with leader)  
ROAD NAME (aligned on road)  
(Including Highway, Streets,  
EXISTING ROAD (label with leader)  
EASEMENT(s) lines all types (label aligned) or (label with leader)  
DIMS to ROW line if Project Centerline is a Section Line  
DIMS to ROW line where parallel to Project Centerline
- SLOPE LIMITS (label with leader)  
Cut - - - , Fill . . . .

### PARCELS CONTINUED

PARCEL LABELS, AREAS and HATCH  
B&D (bearing and distance), L&R (length and radius labels on all TAKE and REMAIN lines (dynamic label).  
The CB CD label is used when going into a curve from another curve and in situations where the line going into a curve is non-tangential and you need to compute or traverse your way around the parcel.

Calculate:  
GROSS TAKE  
NET TAKE  
REMAIN  
ROW is RIGHT-OF-WAY  
ANSI131, zero rotation  
ROW Hatch (apply 15-30-45' rotation if pattern parallels road and other line work and disappears, match legend)  
LARGER is REMAIN + GROSS TAKE  
NET (new) is portion of gross take that is not easement  
GROSS is TAKE (gross is most) (purchase) Take + Easement  
(Dot at 0.6 scale, 45' rotation)  
REMAIN is LARGER - GROSS TAKE  
(+/-) this one only after area on non-survey corners  
(DASH at 0.8 scale, -45' rotation)

ROW TAKE is hatch of DOTS offset from the inside perimeter of take. (Offset width is associated with scale: Two (2) foot offset for every 10' of scale or Scale/5, ie: 50/10x2=10' offset OR 50/5=10' offset

LAND HOOK is Multiple parcel take - same owner  
S.F. is Square Feet of all areas unless area exceeds 100,000 square feet  
12,321 S.F. is Acres (1AC = 43,560 SF or 1/43560)  
3.012 AC Displayed in with 3 decimal places

See CHECKLIST for all PARCEL entities  
(entire lot showing B&D all sides with Gross / Net / Remain hatch)  
(CHECKLISTs Available for PARCEL, TCP-TCE, AIRPORT PARCEL)  
Use 'PARCEL CHECK LIST' to back check each parcel.  
\*.doc for individual parcels and  
\*.xls for multiple parcels within a project

#### Parcel Drawing Guidelines - Drawing Mangement

Set current layer to zero  
Delete all unused LMAN (layer state) settings  
Delete all unused Layer filters and unload or delete attachments  
Reconcile layers if needed  
Purge through unused items  
Audit  
Save or QS (quick save)

#### Drow Order

F R O N T  
-----  
Monuments  
Text and Labels  
ROW Line  
Property Lines  
Section Lines  
  
TOPO (Xref) (locked layer)  
ROW Remain Hatch (locked layer)  
ROW Hatch (locked layer)  
-----  
B A C K

\*Note - Ties attached to text style will top symbols when running 'texttofront', (bring all symbols to front again).

DRAFT 8.25.2021

STATE OF ALASKA  
DEPARTMENT OF TRANSPORTATION  
AND PUBLIC FACILITIES

RIGHT-OF-WAY MAP  
ALASKA PROJECT

000#### / Z#####0000

RIGHT-OF-WAY  
PARCEL DRAFTING AutoCAD

DRAWN	INI/INI	DATE	8/25/2021	SCALE	SCALE
CHECKED		DATE		SHEET	SHEET OF XX

ROW TCEP, ESMT, ILMA, SCHED GUIDELINES FOR PROJECT DRAWINGS

PROJECT DESIGNATION	SHEET NUMBER	TOTAL SHEETS
000####/Z#####10000	RX	RXX

PARCEL ALIGNMENT LABELING

ROW Plan and Parcel Labels

Parcel	Isolate parcel and label B/D or B & D (long lengths) Flip label for distance on inside Reverse label to run traverse
Property Lines	Isolate and label all at once
ROW Line	Isolate and label all at once
Alignment	Isolate and label all at once PT-PC for geometry and alignment intersection Section Line, Another Alignment,
Sta/Off	Label from alignment to ROW at direction change of parcel. Label at intersecting alignments with Align Acronym (name) in label. SI (STREET INTERSECTON) style eg. 'SMP2'

STA/OFF/ALGN FROM TWO DWGS INTO ONE DWG

This procedure is used to put all STA/OFF onto one alignment from 2 drawings. Wblock out styles attached to the alignment if needed.

Wblock STA/OFF and 'Align' from both drawings and insert these drawings into one new drawing (or working drawing or data drawing). Select STA/OFF on Align(2) and changed properties to Align 'primary' AND delete Align(2).

EASEMENTS, TCEP'S

EASEMENT Parcel Drawing Guidelines

EASEMENT	'RIGHT-OF-WAY EASEMENT REQUIRED FOR' 'UTILITY EASEMENT REQUIRED FOR' Same as PARCEL drawings showing only 'Easement Area' (DOTS) and entire lot showing B&D all sides Proposed Easement (formerly solid line #2(yellow) / thin / light) Easement area showing Bearing and Distance on all sides. No Stations or Offset used any longer 2018. RWAY and ESMT hatch patterns only.
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EASEMENT PRESCRIPTIVE NOTES:

- A. PRESCRIPTIVE ROW EASEMENT AREAS NOTED ON THIS PLAN SET REPRESENT A CLAIM OF PRESCRIPTIVE EASEMENT BY ADOT&PF ON BEHALF OF THE PUBLIC. THE ROAD HAS LONG BEEN USED BY THE PUBLIC AND MAINTAINED BY PUBLIC AGENCIES SUCH AS THE ALASKA ROAD COMMISSION, THE TERRITORIAL BOARD OF ROAD COMMISSIONERS AND THE STATE DOT&PF. IN ADDITION, A PRESCRIPTIVE EASEMENT IS CLAIMED FOR EXISTING CULVERTS, SIGNS AND OTHER APPURTENANCES REQUIRED TO MAINTAIN AND SAFELY OPERATE IN AND NEAR THE ROAD CORRIDOR.
- B. THE DIMENSIONS SHOWN ARE BASED ON FIELD SURVEY DATA LOCATING THE EXISTING TOE OR TOP OF SLOPE OF FAIRVIEW LOOP ROAD AND ARE PROVIDED TO QUANTIFY THE LIMITS AND COMPUTE THE AREA OF EXISTING RIGHT OF WAY.

TCE AND TCP Parcel Drawing Guidelines

TCE	'TEMPORARY CONSTRUCTION EASEMENT REQUIRED FOR'
TCP	'TEMPORARY CONSTRUCTION PERMIT REQUIRED FOR'
	Prepare TCE and TCP drawings as you would with PARCELS Perimeter line for Easement Area is generally outside of ROW line: TCE -- --- --- TCP --/--/-- (set text style ROMANSM height to 0.0 if diagonal line becomes truncated (rvd)) Hatch area as you would for parcel take (DOTS) STATION and OFFSET labeling of Easement corners (dynamic), STA OFF used for construction only drawings Legend only displays AREA of entire Easement TCE AREA 1,235 S.F.

Use 'TCE AND TCP CHECK LIST' to back check each parcel.

EXHIBITS

EXHIBIT Parcel Drawing Guidelines

EXHIBIT 'A' FOR RECORDING	8.5x11 (letter) format Same as PARCEL drawings showing only 'Easement Area' (DOTS) and entire lot showing B&D all sides including ROW Easement area showing Bearing and Distance on all sides. Legend only displays AREA of entire Interest. TCE AREA 1,235 S.F. B & D, L & R from Easement to Pl and Monuments. May have Corner and Line table for clarity. Proposed Easement (formerly solid line / thin / light)
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EXHIBIT 'A' FOR FAA ATTACHMENT	Use '12345_S1 Airport Plan' Title block for plans at 34x22 format plotted half-size. Hatch area or interest as you would for parcel take (DOTS)
--------------------------------	---

Use 'AIRPORT CHECK LIST' to back check each parcel.

SCHEDULES for CONDEMNATION

SCHEDULES Parcel Drawing Guidelines

ROW Manual Definition:	Condemnation; the act or process of enforcing the right of eminent domain action;
Title and Plans 3.7.4 (pg 3-4):	When a parcel is approved for condemnation, the Engineering Section prepares appropriate court exhibits. Place this material in parcel file and provide it to the Acquisition Unit and the Department of Law.
See ROW Manual Administrative Procedures 2.9.6 (pg 2-8_9)	

SCHEDULE 'A'	Legal tract description (Metes and Bounds) of condemnation property. Compiled by ROW Engineering Section
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SCHEDULE 'B'	Same as letter-size PARCEL drawings showing entire lot with B&D all sides including ROW line Title block displays Gross Take, Net Take, Remain 5
--------------	---

SCHEDULE 'C'	Same as letter-size PARCEL drawing showing entire Parcel within a Vicinity Map Scale Format or 2-3 times the scale of its parcel drawing.
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Schedules that are recorded require a Seal Page, which is the final plant and included in plat numbering.

PARCEL ILMA

ITERAGENCY LAND MANAGEMENT AGREEMENT (ILMA Parcel Drawing Guidelines)

ROW Parcel with:	B&D, STA/OFF Management Area Slope, ROW and Take Pattern/Hatch
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SEAL AND STAMPS

SEAL -- Professional Land Surveyor Stamp for Parcels

Parcel SEAL (PLS Stamp) Drawing management  
Parcel Seal Plats are located and maintained within the ROW\_Template.dwt on far-right (last) Layout Tab. This layout should be placed within the PLAT 1 drawing when more than one drawing is used for a Parcel. All recorded Parcels or 'permanent interests' require as Seal Page (see below).

Seal Plats

All Parcel SEAL (PLS Stamp) Plats are the final page for a Parcel set of Plats and labeled as PLAT 2 OF 2 (or) 3 OF 3 within the Titleblock and on bottom of its own page.

Note: 'THIS SEAL IS FOR ALL WORK CONTAINED ON PLAT 1 OF 2 (1 AND 2 OF 2)(1,2 OF 2)(1,2,3 OF 3)' DOES NOT COUNT THE SEAL PAGE AS A PLAT OF WITHIN THE NOTE ITSELF.

Seal Plat Orientation

Portrait style SEALS are customarily used unless the entire Parcel set of Plats are Landscape oriented.

SEAL -- Placement

Used in all permanent interests  
Parcels (permanent interest)  
Easements (permanent interest)  
Exhibits (for condemnation)  
Schedule (for condemnation as an attachment)

TCP/TCE ONLY IF PROPERTY IS TRANSFERRED THROUGH SALE

Seal Plats

Always shown as last page of interest plat and included in the bottom note as PLAT 2 OF 2 (or) 3 OF 3 within the Titleblock and on bottom of its own page.

Seal Layout exists in FIRST DRAWING of multiple drawings which depict one PRCL, ESMT, EXBT, or condemnation SCHD.

Note: 'THIS SEAL IS FOR ALL WORK CONTAINED ON PLAT 1 OF 2 (1 AND 2 OF 2)(1,2 OF 2)(1,2,3 OF 3)' DOES NOT COUNT THE SEAL PAGE AS A PLAT OF WITHIN THE NOTE ITSELF.

CLOSE-OUT NOTES

SPECIAL GENERAL NOTE:

(to place on Cover under location map)

SUBDIVISION NAMES, PLAT NUMBERS, AND DEPICTIONS OF PROPERTIES ADJACENT TO THE RIGHT OF WAY SHOWN HEREON WERE GENERATED AT THE TIME OF THE INITIAL PLAN DEVELOPMENT. THIS PLAN SET DOES NOT NECESSARILY REFLECT THE CURRENT STATUS AT THE TIME OF RECORDING OF THIS DOCUMENT.

COMPLETE TITLE REPORTS WERE NOT PREPARED IN ASSOCIATION WITH THIS RECORD OF SURVEY. ALTHOUGH A CONCERTED EFFORT HAS BEEN MADE TO SHOW PERTINENT TITLE INTEREST IN ADJOINING PROPERTIES, EASEMENTS MAY EXIST THAT ARE NOT SHOWN ON THIS PLAT.

CRDG CTB CHANGES FROM 2016 TO CURRENT

BASE MAP LAYER COLOR CHANGES

BASEMAP LAYER COLOR CHANGES FROM:				
	dotcrhwy.ctb	TO	CRDOT.ctb	(2016 to current)
V-RWAY-PROP	33 or	4	>	134
TEXT		63	>	53
V-RWAY-PATT		201	>	190
V-RWAY-SECT		232	>	33
V-RWAY-SECT ¼		32	>	72
V-RWAY-SECT 1/16		42	>	152
V-RWAY-SECT PROJ		7	>	37
C-ALGN-CNTR		24	>	34
V-RWAY-CNTR		*	>	12
V-RWAY-DETL		*	>	4
V-RWAY-ESMT		*	>	4
V-RWAY-ESMT-UTIL		>		3 D15
V-RWAY-ESMT-UTIL-NEW		>		2 D15
V-RWAY-PATT-TAKE	24	>	14	DOTS

TOPO MAP LAYER COLOR CHANGES TO 2016 STANDARD

BASEMAP LAYER COLOR CHANGES FROM:				
	dotcrhwy.ctb	TO	CRDOT.ctb	(2016 to current)
PAVEMENT		>		237
GRAVL		>		57
SIDEWALK PATH TRAIL		>		217
CONC		>		77
BRIDGE TUNNEL		>		112
GUARDRAILS		>		57
FENCES		>		77
NOISE BARRIER WALLS		>		117
DITCH BERM RIPRAP		>		157
BOULDER(s)		>		157
POST BOLLARDS		>		157
SIGNS MAILBOS		>		157
UTIL STORM		>		177
UTIL SANITARY SEWER		>		97
UTIL WATER		>		157
UTIL GAS FUEL TANKS		>		57
UTIL ELECTRIC		>		172
UTIL TELE COMM	161	>		37
UTIL TRAFFIC		>		172
LAKE OR POND		>		132 TEXT 3
WETLAND		>		157
DRAINAGE FLOW ARROW		>		1 OR 132
CREEK CENTERLINE		>		132
RIVER (BANK)		>		132
CONTOUR MAJOR		>		252
CONTOUR MINOR		>		251
TREE / EDGE OF / PLANTER		>		77
BLDG FNDN HATCH		>		237
BOARDWALK / STAIRS		>		17 HIDDEN2 / HIDDEN
MONUMENTS PPM & PMC		>		4
MONUMENTS ALL OTHERS		>		3

TITLE

DATA

DRAFT 8.25.2021

STATE OF ALASKA DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES RIGHT-OF-WAY MAP ALASKA PROJECT 000#### / Z#####0000 RIGHT-OF-WAY PARCEL DRAFTING AutoCAD			
DRAWN	INI/INI	DATE	8/25/2021
CHECKED		DATE	
		SCALE	SCALE
		SHEET	SHEET OF XX

W:\C3D\Drafting Standards\A ROW Drafting GUIDELINES-NOTES 8/26/2021 6:07:43 AM

AutoCAD SETTINGS AND VARIABLES

PROJECT DESIGNATION	SHEET NUMBER	TOTAL SHEETS
000####/Z#####10000	RX	RXX

COMMON LABELS FOR PLANS AND PARCELS  
(TEXT HERE)

ACRONYMS AND ABBREVIATION

AVI	AVIATION
ALGN	ALIGNMENT
CIR	CIRCLE
COMM	COMMUNICATIONS
COVR	COVR
CT	COURT
CRDG	CENTRAL REGION DESIGN GUIDE
DMLW	DIVISION OF MINING LAND WATER (DNR)
DNR	DEPARTMENT OF NATURAL RESOURCES
DR	DRIVE
ESMT	EASEMENT
HYD	HIGHWAY DESIGN
ILMA	INTERAGENCY LAND MANAGEMENT AGREEMENT
LGND	LEGEND
MON	MONUMENT
N S E W	NORTH SOUTH EAST WEST
N/A	NOT APPLICABLE
NTS	NOT TO SCALE
PUE	PUBLIC USE EASEMENT
ROS	RECORD OF SURVEY
ROW	RIGHT-OF-WAY
ROWB	RIGHT-OF-WAY BASE MAP
ROWM	RIGHT-OF-WAY MAP (INCLUDES ACQ. AND PARCELS)
ROWR	RIGHT-OF-WAY RECORD (SAME AS BASE MAP)
RWE or ROWE	RIGHT-OF-WAY AND ENGINEERING
PRCL	PARCEL
ROW	RIGHT-OF-WAY
ROWB	ROW-OF-WAY BASE (BASE MAPPING)
ROWM	ROW-OF-WAY MAP (SHOWS PARCEL INFORMATION
SCRN	SCREEN or SCREENING
SEC	SECTION
ST	STREET
SUR	SURVEY
T2N R5W	TOWNSHIP 2 NORTH, RANGE 5 WEST
TCEP	TEMPORARY CONSTRUCTION EASEMENT PORTRAIT
TCEL	TEMPORARY CONSTRUCTION EASEMENT LANDSCAPE
TCPP	TEMPORARY CONSTRUCTION PERMIT PORTRAIT
TCPL	TEMPORARY CONSTRUCTION PERMIT LANDSCAPE
TELE	TELEPHONE
TRCT	TRACT
UTIL	UTILITY

AutoCAD COMMANDS

A  
ALIGNMENT Ctrl+select (sect station) Delete to delete one Station

B-D

E-H

ED+select DRAWING SETTINGS OR (DRAWINGSSETTINGS)  
TO CHANGE DRAWING UNITS & ZONE, OBJECT LAYERS ETC.

I-L

IMPORTSTYLESANDSETTINGS IMPORTS STYLES FROM TEMPLATE

M-P

Q-T

U-W

X-Z

AutoCAD SETTINGS. LISP. VARIABLES

SETUP  
ALERT (alert "do not enter")  
AD or ADCENTER ADD ENTITIES FROM OTHER DWGS  
FILETAB OFF / ON FOR DWG TABS ABOVE  
FILEDIA 1 DISPLAYS DIALOGUE BOXES  
GRAPHICSCONFIG Graphics Performance - Hardware Accelerator ON  
LAYOUTTAB 1 ON / 0 OFF (2014)  
MENULOAD LOAD CUSTOMIZATIONS  
DICTEDIT ? DICTIONARIES IN CURRENT DRAWING SHOWING  
RAW DATA - REMOVE DATALINKS FROM  
MUST BE SET TO 3 WITH EXPRESS TOOLS LOADED  
  
DEMANDLOAD  
DRAWING  
SCALES DEFAULT SCALES LIST under OP (OPTIONS)  
DRAWINGSSETTINGS (TO SET DRAWING SCALE)

LISP  
AE SELECT SIMILIAR  
AFA AREA FEET TO ACRES  
ALIAS EDIT ppp FILES  
BE BLOCK EDITOR  
AT, ATE, ATTEDIT ATTRIBUTE EDITOR  
CHSP CHSPACE MODEL > LAYOUT > MODEL THRU VIEWPORT  
DTEXT (BASIC TEXT - NOT MASKABLE - LIMIT USE)  
EATTEXT EXTRACT ATTRIBUTE DATA FROM BLOCK BLK  
HATCHTOBACK (ALL HATCH DRAW ORDER TO BACK)  
LOA ALL LAYERS ON  
PJ JOINS POLYLINES (PICK 1 TO JOIN ALL TO IT)  
BF ? (CAUTION MULTIPLE LINE LAYERS WILL JOIN ALSO)  
SB ? BRING FORWARD  
SEND BACK

AUDIT FIX ANY ERRORS DETECTED  
PURGE REMOVES GROUP OR INDIV UNUSED ENTITIES  
OVERKILL REMOVES DUPLICATE ITEMS

RT ROTATE (USEFUL FOR TEXT ORIENT)  
SS SELECT SIMILIAR  
T1MJ DTEXT TO MTEXT WITHOUT COMBINE ALL INTO ONE

MTEXT TEXT TO MTEXT WITH ZERO TEXT BOX  
T2MT DTEXT TO MTEXT RETAINING  
T2M INDIVIDUAL TEXT OBJECTS

T2M, TXT2MTXT DTEXT TO MTEXT  
TEXTTOFRONT (ALL) TEXT DRAW ORDER TO FRONT  
TI TILEMODE: MODEL 1, LAYOUT 0  
TO TEXT ORIENT  
UNISO UNDO ISOLATED LAYERS  
ZOOMPT ZOOM TO POINT QUERY  
ZTP ZOOM TO POINT (TYPE IN NUMBER)

VARIABLES  
ABOUT CURRENT AUTOCAD LICENSE AND SERVICE PAC INFO  
ANNOMONITOR (-2) OFF FOR ALL DWGS EXCEPT MODEL DOC DWGS  
FILEDIA (1)  
CONSTRAINTSINFER (0) TO TURN OFF GEOMETRIC CONSTRAINTS  
CONSTRAINTSETTINGS UNCHECK BOX FOR 'INFER GEOMETRIC CONST'  
DEMANDLOAD SET TO 3 TO SHOW ARCTEXT  
DELCON DELETECONSTRAINTS  
DYNMODE (0) COMMAND LINE ENTRY, (1) SCREEN FLOATING ENTRY  
FILETAB (SHOW) (2014?)  
FILETABCLOSE (NOT SHOWN) (2014?)  
NAVCUBE  
PICKADD (1) FOR SELECTING (2 REMEMBERS RETAINS LAST SELECTION AFTER COMMAND HAS BEEN EXECUTED)  
PIDKFIRST (1) SET TO 1 FOR DRAFTING RT-CLK MENUS  
SYSDVLC OPENS SYSTEM VARIABLE REFERENCE  
SNAPANG CROSSHAIR ANGLE IN MODEL SPACE SET TO 0 (SOMETIMES IT IS ACCIDENTLY SET WHEN SETTING VIEWS)

DRAFT 8.25.2021

STATE OF ALASKA DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES  RIGHT-OF-WAY MAP ALASKA PROJECT  000#### / Z#####0000  RIGHT-OF-WAY PARCEL DRAFTING AutoCAD			
DRAWN	INI/INI	DATE	8/25/2021
CHECKED		DATE	
SCALE	SCALE	SHEET	OF XX