

FOCUS on Accuracy

#140G0219F0026_Lot8_Sheyboygan

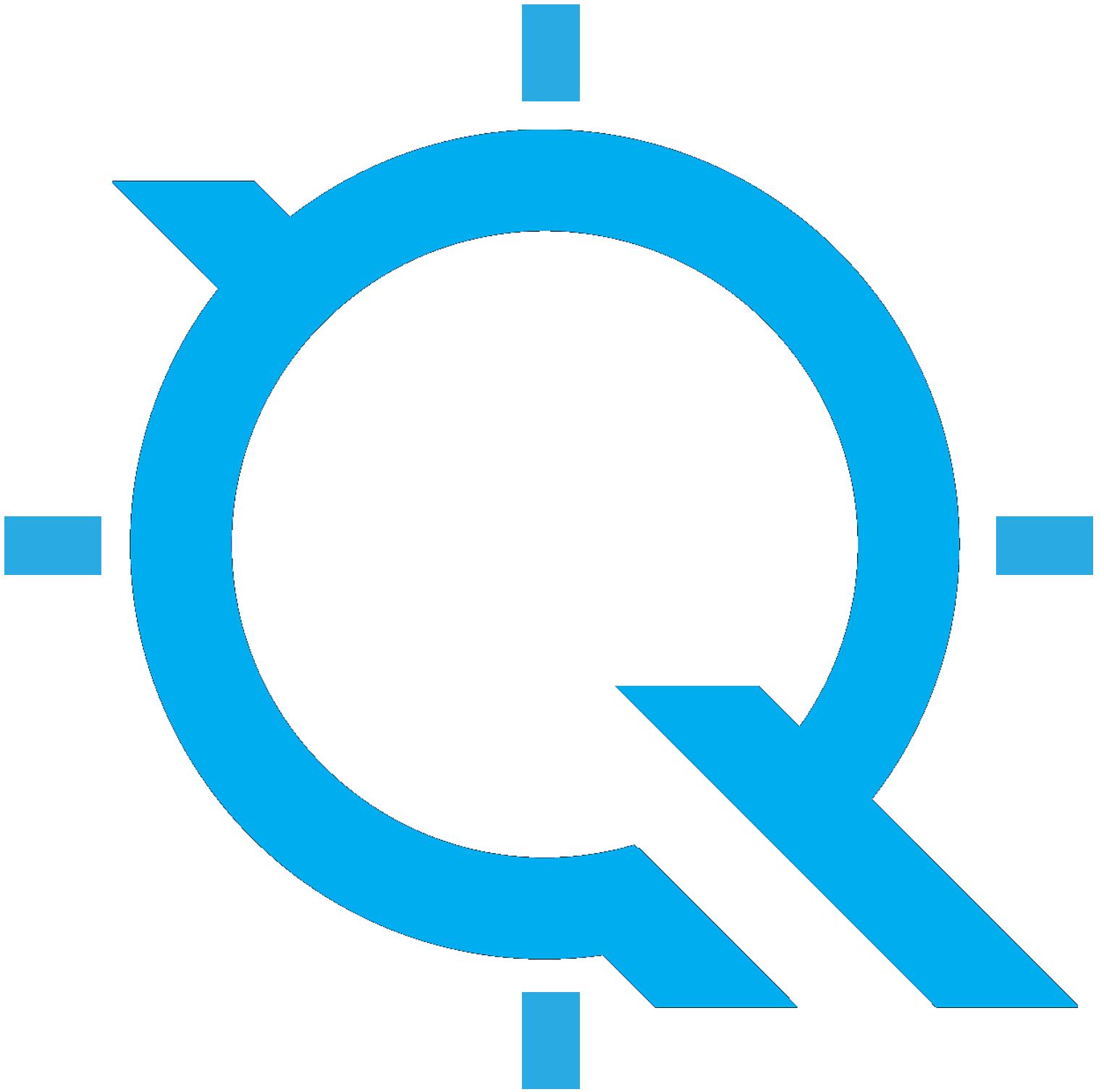
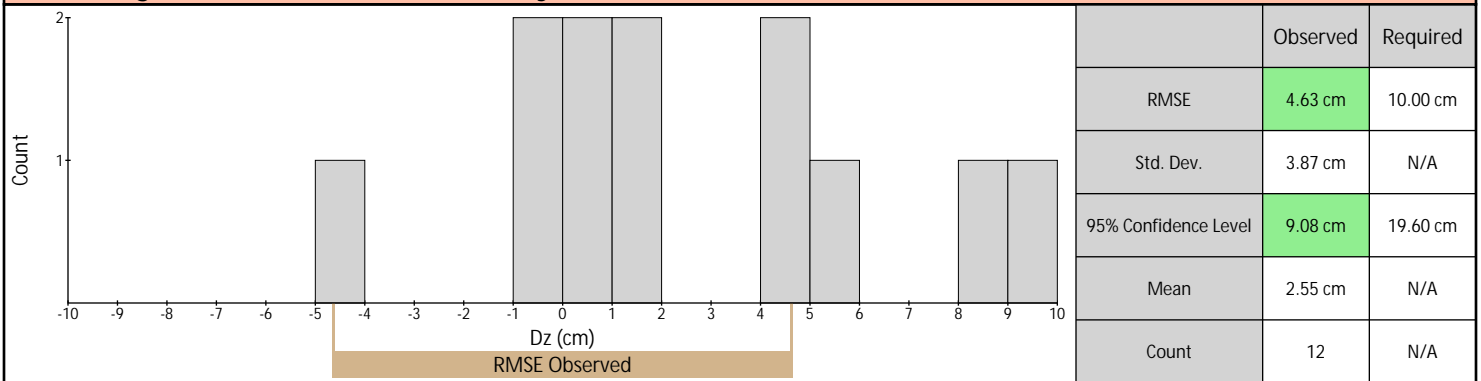


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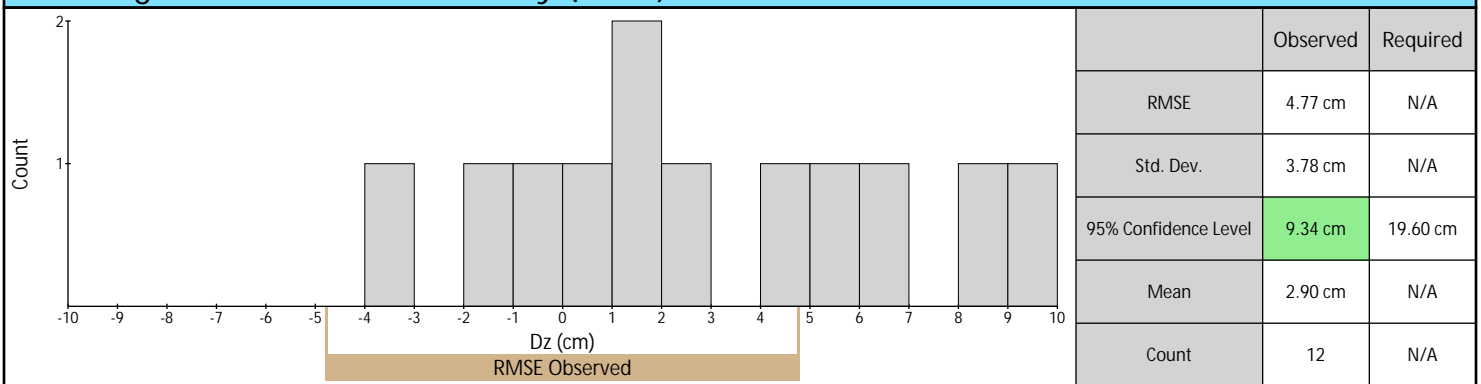
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Vertical Accuracy Assessment

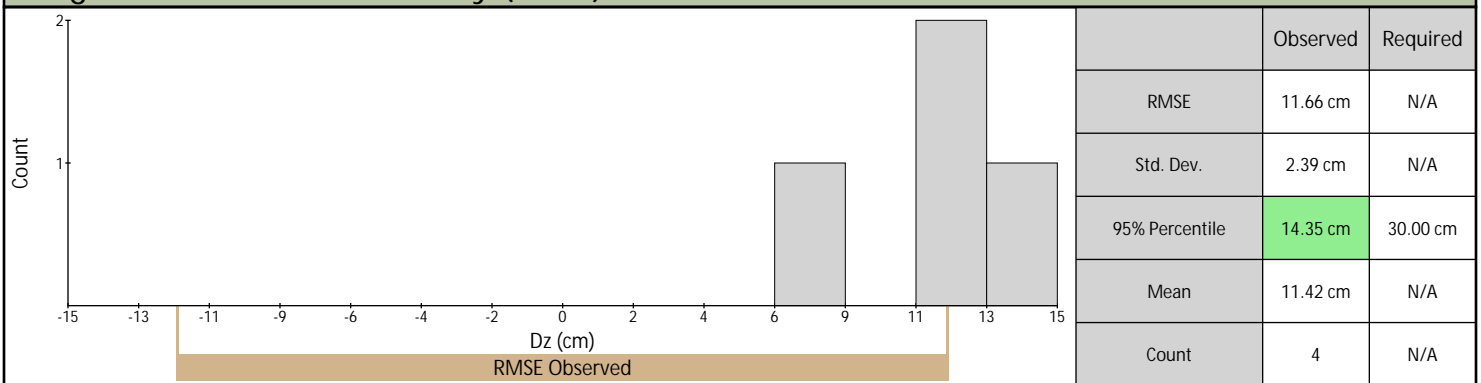
Nonvegetated Vertical Accuracy (First Return LAS)



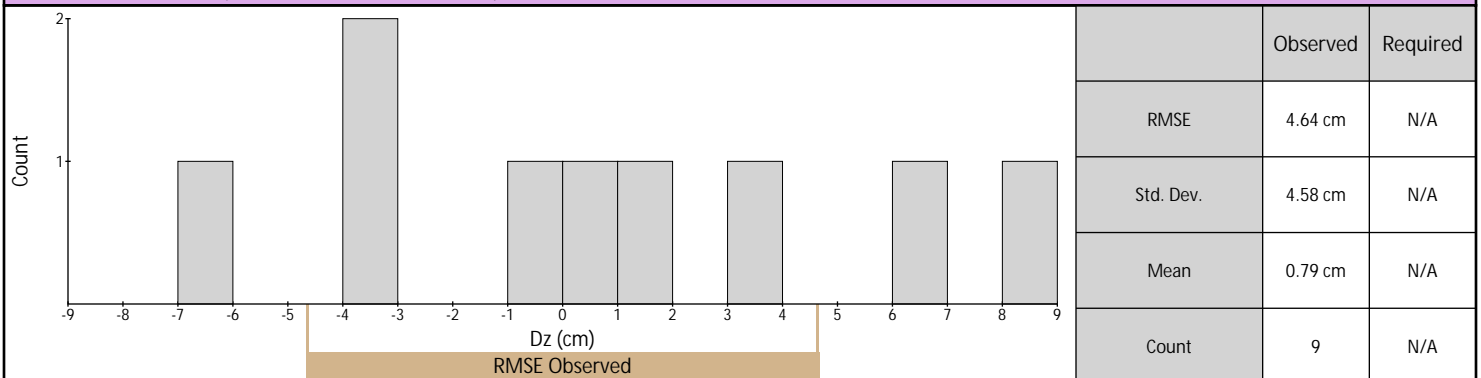
Nonvegetated Vertical Accuracy (DEM)



Vegetated Vertical Accuracy (DEM)

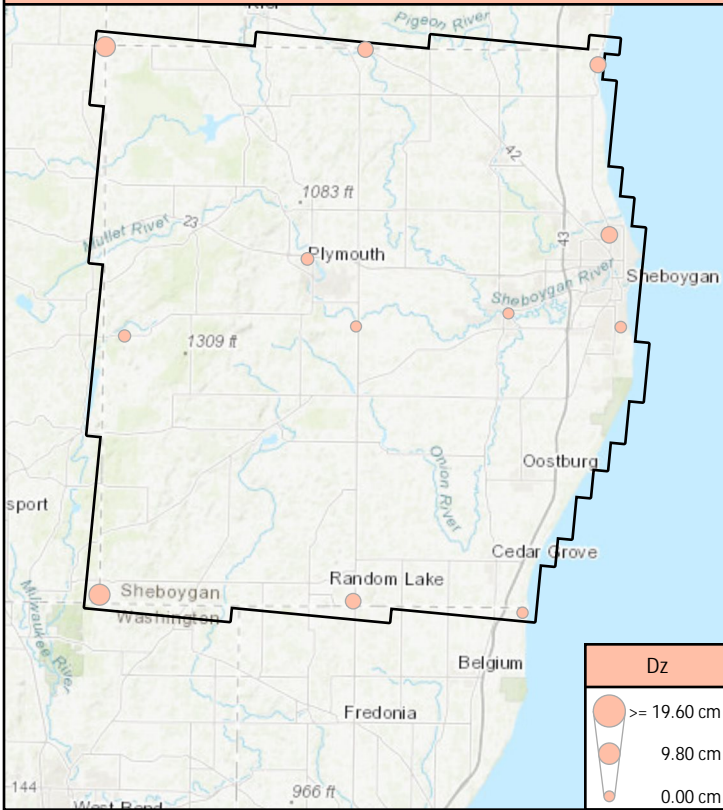


Calibration (First Return LAS)

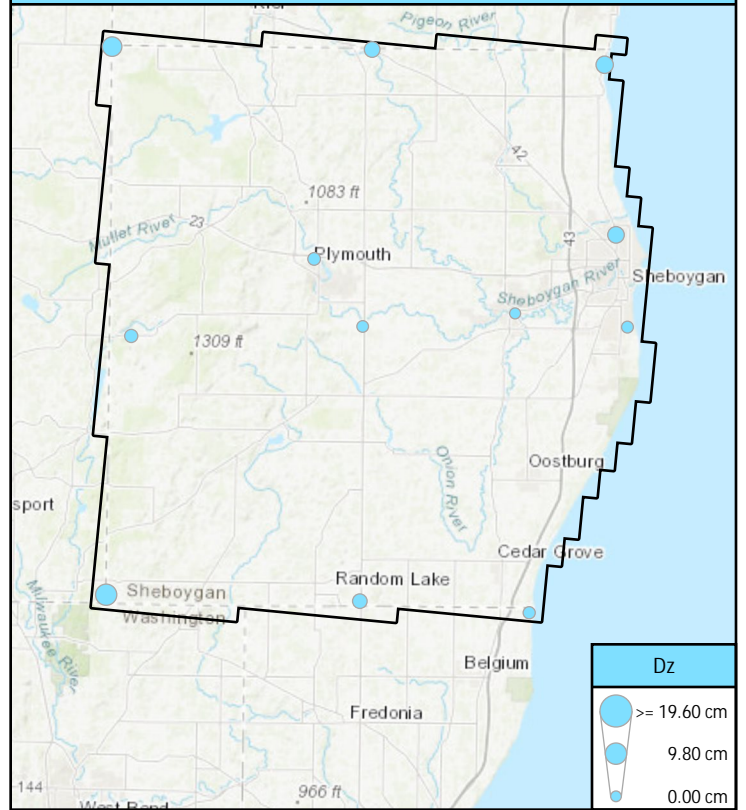


Control Point Locations

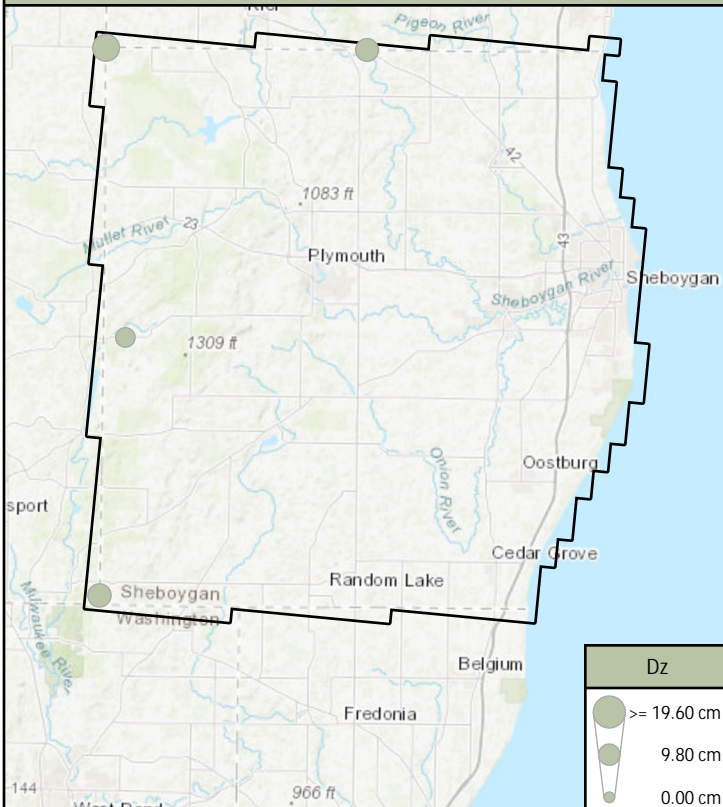
Nonvegetated Vertical Accuracy (First Return LAS)



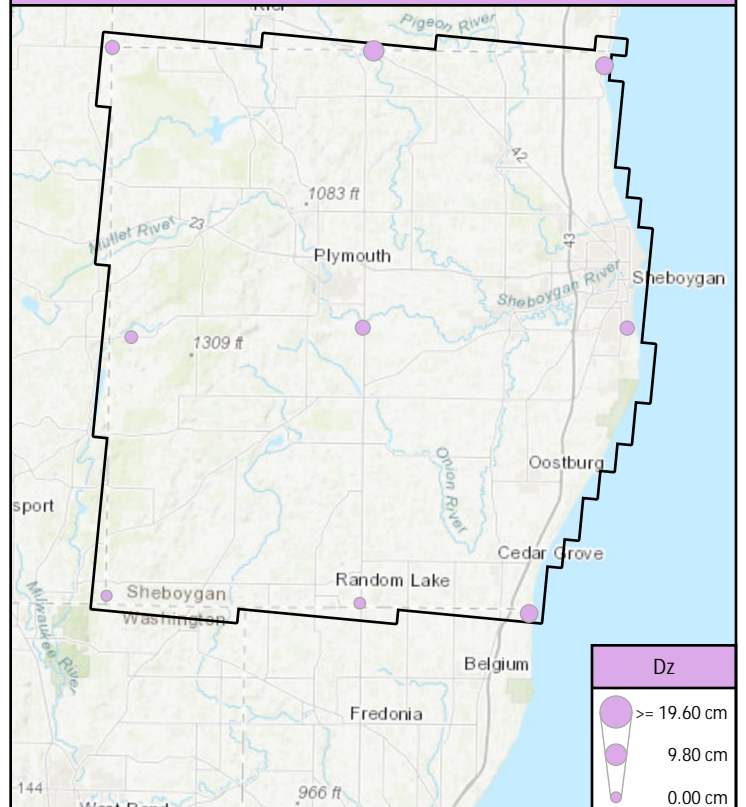
Nonvegetated Vertical Accuracy (DEM)



Vegetated Vertical Accuracy (DEM)



Calibration (First Return LAS)



Control Point Breakdown

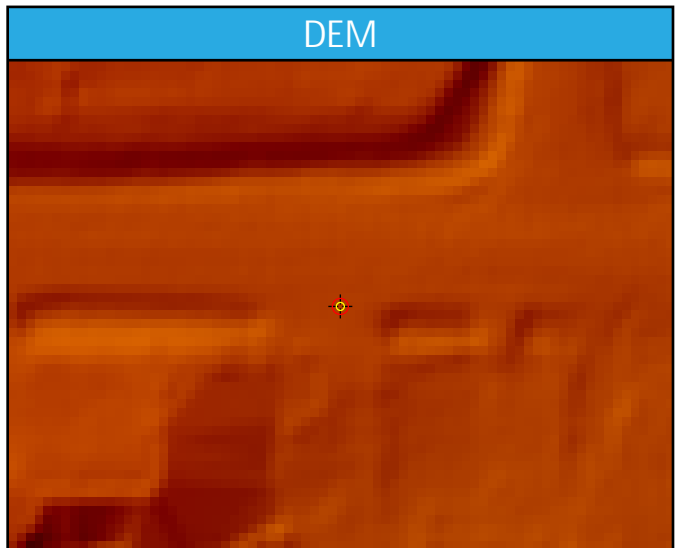
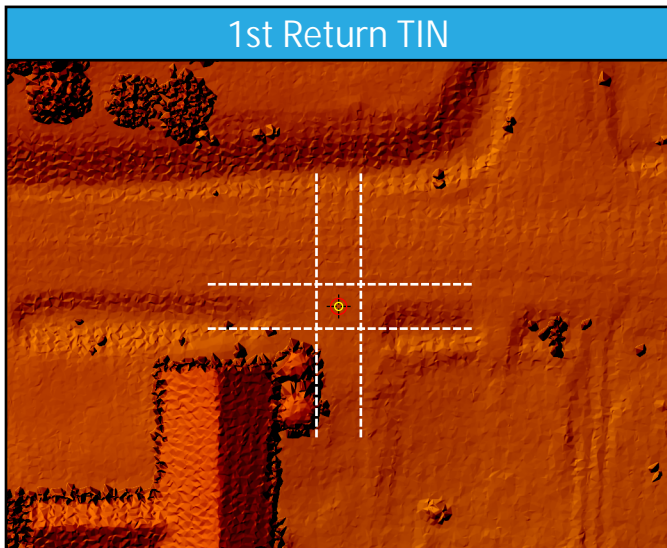
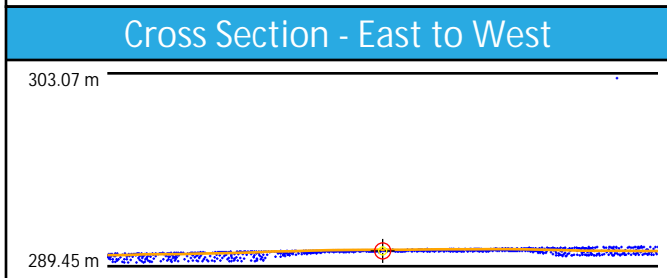
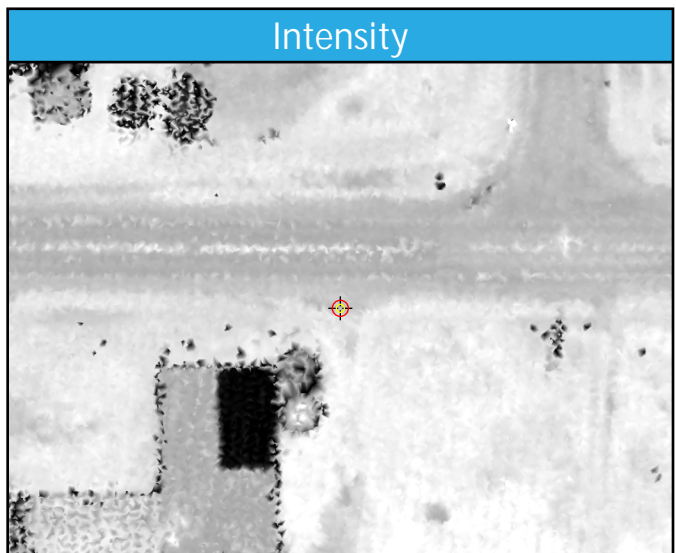
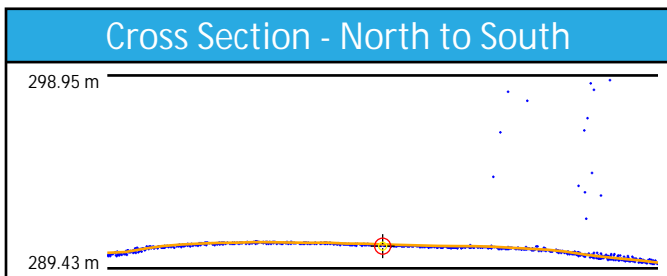
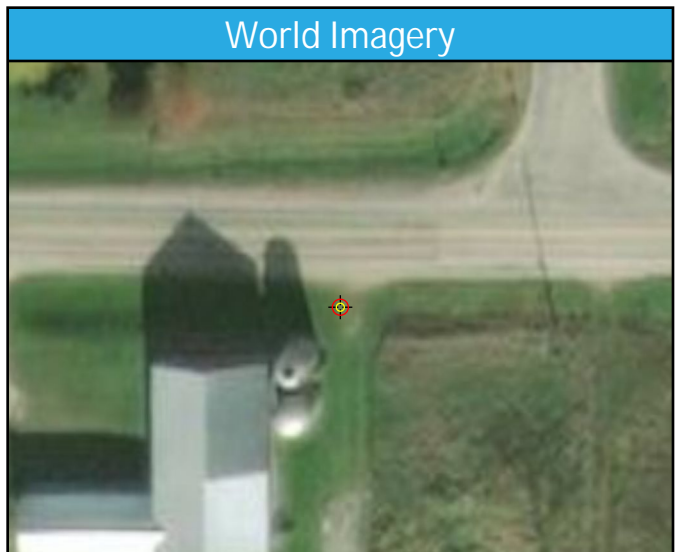
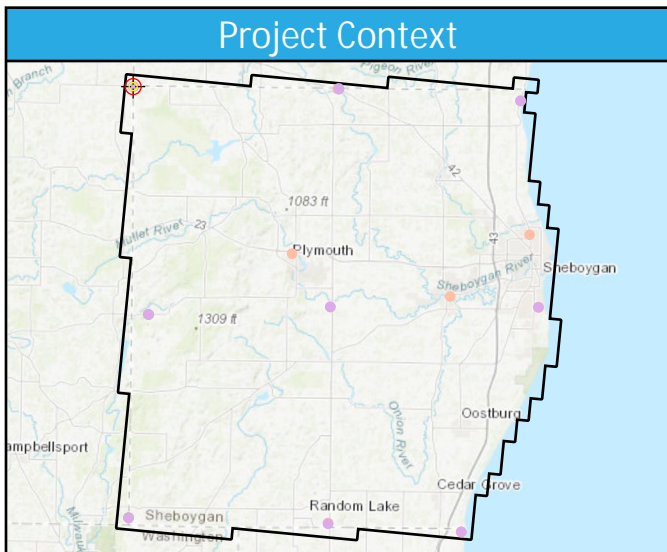
Point	Type	Page	1st Return				Ground				DEM Dz
			Dz	Density	Nearest	Slope	Dz	Density	Nearest	Slope	
BE68	NVA	6	8.43 cm	5.91 ppsm	0.16 m	1.72°	8.43 cm	5.41 ppsm	0.16 m	1.72°	8.14 cm
BE69	NVA	7	4.50 cm	5.02 ppsm	0.44 m	2.83°	4.50 cm	4.56 ppsm	0.44 m	2.83°	4.55 cm
BE70	NVA	8	4.90 cm	5.52 ppsm	0.30 m	2.02°	4.90 cm	3.86 ppsm	0.30 m	2.02°	6.13 cm
BE71	NVA	9	1.37 cm	5.73 ppsm	0.31 m	3.04°	1.37 cm	3.82 ppsm	0.31 m	3.04°	2.26 cm
BE72	NVA	10	0.28 cm	5.09 ppsm	0.18 m	1.01°	0.28 cm	4.88 ppsm	0.18 m	1.01°	0.89 cm
BE73	NVA	11	-0.74 cm	4.81 ppsm	0.15 m	1.62°	-0.91 cm	2.86 ppsm	0.15 m	1.62°	1.05 cm
BE74	NVA	12	9.40 cm	2.69 ppsm	0.28 m	1.42°	9.40 cm	2.69 ppsm	0.28 m	1.42°	9.69 cm
BE75	NVA	13	-0.50 cm	2.65 ppsm	0.25 m	1.72°	-0.50 cm	2.65 ppsm	0.25 m	1.72°	-1.33 cm
UA39	NVA	14	-4.42 cm	4.60 ppsm	0.17 m	1.82°	-4.42 cm	4.31 ppsm	0.17 m	1.82°	-3.58 cm
UA40	NVA	15	5.31 cm	3.47 ppsm	0.25 m	1.72°	5.31 cm	3.43 ppsm	0.25 m	1.72°	5.41 cm
UA41	NVA	16	0.27 cm	5.06 ppsm	0.15 m	1.15°	0.27 cm	4.39 ppsm	0.15 m	1.15°	-0.24 cm
UA42	NVA	17	1.78 cm	2.69 ppsm	0.28 m	1.15°	1.78 cm	2.65 ppsm	0.28 m	1.15°	1.82 cm
FO37	VVA	18	-	8.52 ppsm	0.18 m	3.24°	10.53 cm	2.72 ppsm	0.29 m	2.63°	11.17 cm
FO38	VVA	19	-	7.29 ppsm	0.37 m	2.43°	7.51 cm	2.12 ppsm	0.42 m	2.43°	8.09 cm
TW48	VVA	20	-	6.15 ppsm	0.46 m	2.83°	14.83 cm	5.02 ppsm	0.46 m	2.83°	14.84 cm
TW49	VVA	21	-	2.69 ppsm	0.05 m	0.61°	11.50 cm	2.65 ppsm	0.05 m	0.61°	11.57 cm
CA105	CAL	22	3.01 cm	5.69 ppsm	0.29 m	0.86°	3.01 cm	4.42 ppsm	0.29 m	0.86°	3.84 cm
CA106	CAL	23	8.64 cm	5.13 ppsm	0.23 m	2.63°	8.24 cm	4.42 ppsm	0.23 m	2.63°	7.76 cm
CA107	CAL	24	6.50 cm	5.38 ppsm	0.07 m	1.15°	6.50 cm	3.68 ppsm	0.07 m	1.15°	5.17 cm
CA108	CAL	25	1.75 cm	5.41 ppsm	0.16 m	1.01°	1.75 cm	3.36 ppsm	0.16 m	1.01°	0.65 cm
CA109	CAL	26	-3.90 cm	4.92 ppsm	0.13 m	2.29°	-3.90 cm	4.03 ppsm	0.13 m	2.29°	-3.98 cm
CA110	CAL	27	-3.19 cm	5.02 ppsm	0.13 m	1.22°	-2.68 cm	3.68 ppsm	0.14 m	1.22°	-2.27 cm
CA111	CAL	28	-0.30 cm	2.51 ppsm	0.15 m	1.43°	-0.30 cm	2.44 ppsm	0.15 m	1.43°	-0.33 cm
CA112	CAL	29	0.83 cm	5.02 ppsm	0.38 m	1.22°	0.83 cm	4.35 ppsm	0.38 m	1.22°	1.52 cm
CA113	CAL	30	-6.23 cm	2.94 ppsm	0.04 m	1.72°	-6.23 cm	2.94 ppsm	0.04 m	1.72°	-5.70 cm

BE68

General	
Name	BE68
Type	NVA
Known Z	290.53 m
DEM Dz	8.14 cm

1st Return	
Dz	8.43 cm
Density	5.91 ppsm
Nearest	0.16 m
Slope	1.72°

Ground	
Dz	8.43 cm
Density	5.41 ppsm
Nearest	0.16 m
Slope	1.72°

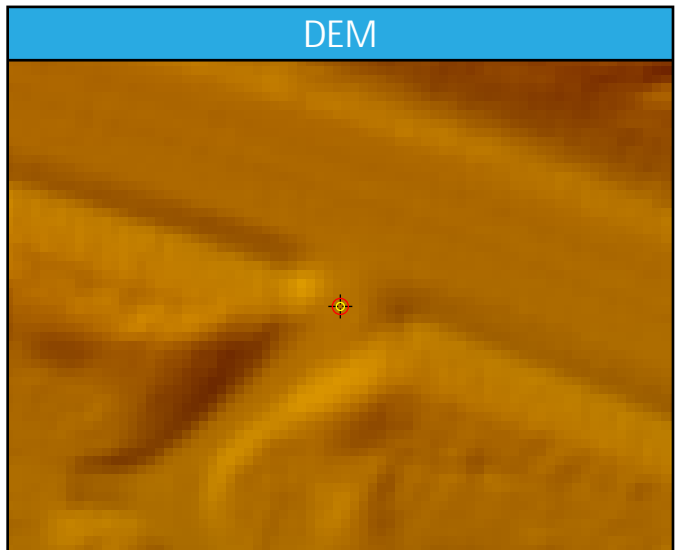
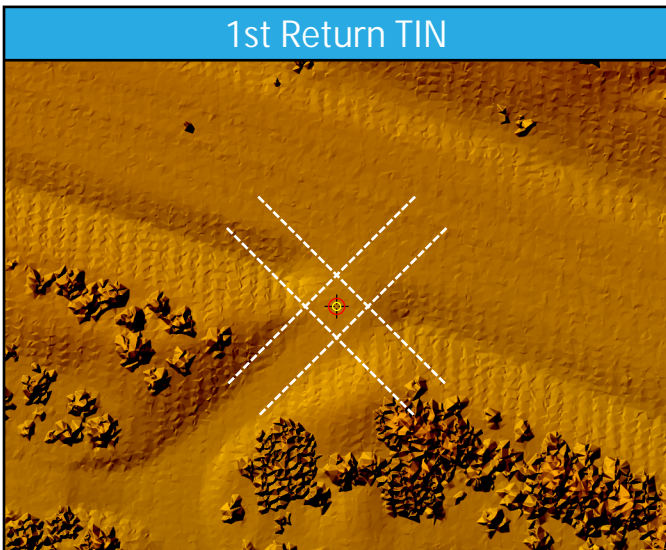
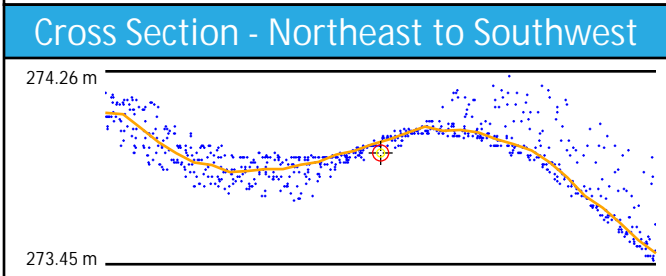
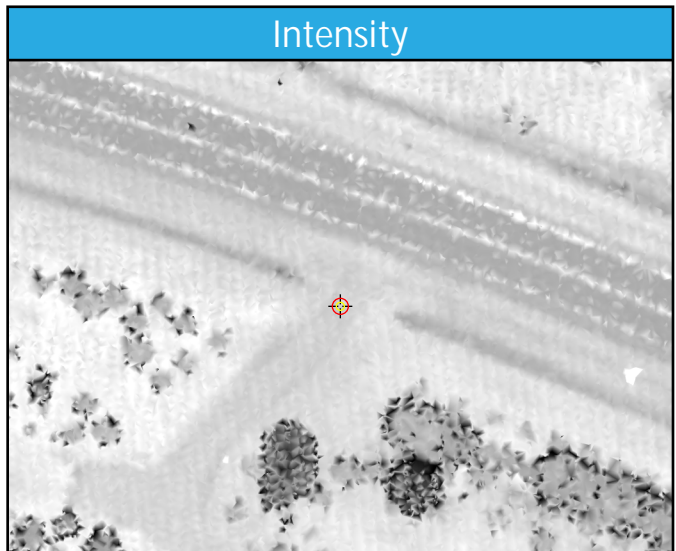
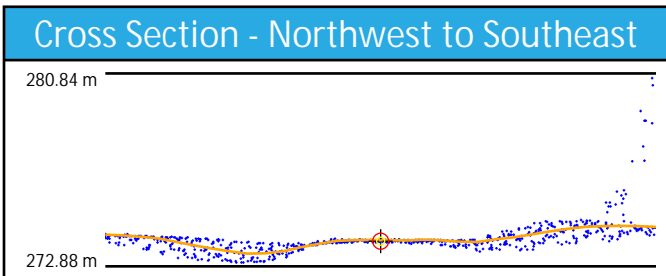
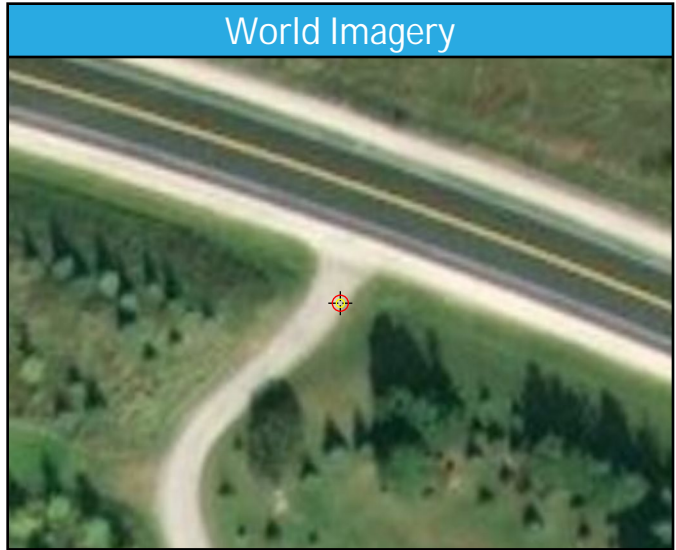
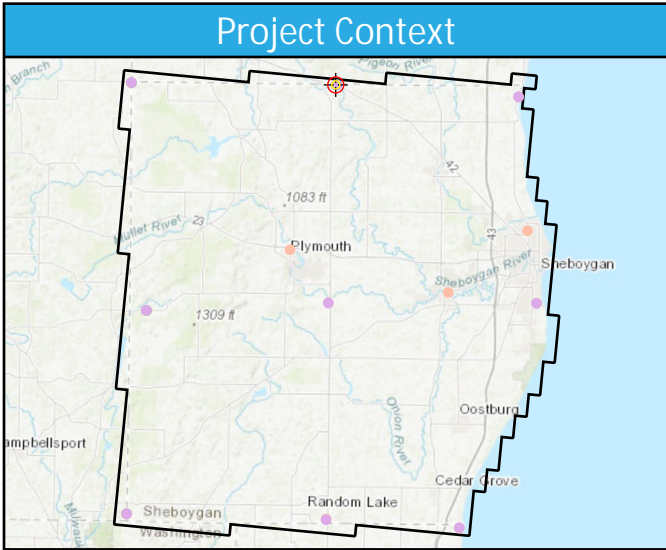


BE69

General	
Name	BE69
Type	NVA
Known Z	273.92 m
DEM Dz	4.55 cm

1st Return	
Dz	4.50 cm
Density	5.02 ppsm
Nearest	0.44 m
Slope	2.83°

Ground	
Dz	4.50 cm
Density	4.56 ppsm
Nearest	0.44 m
Slope	2.83°

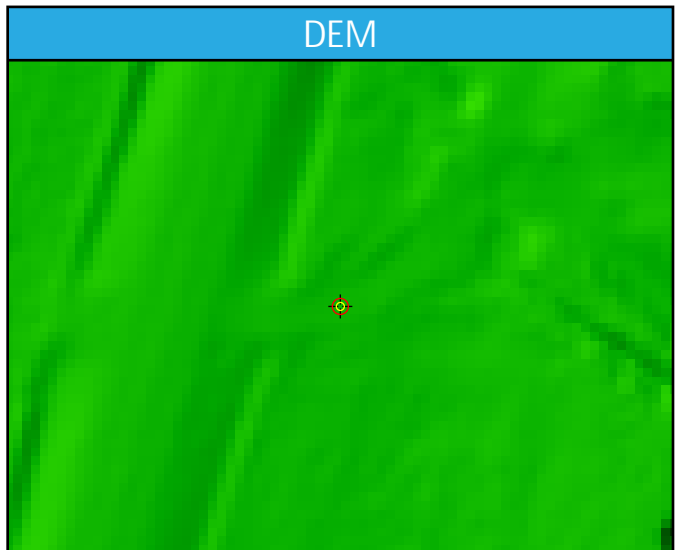
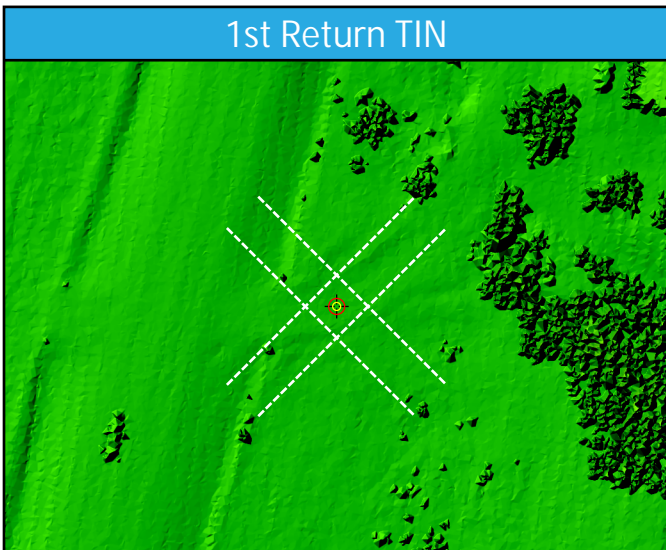
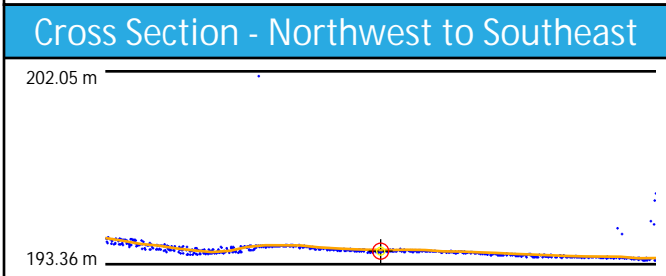
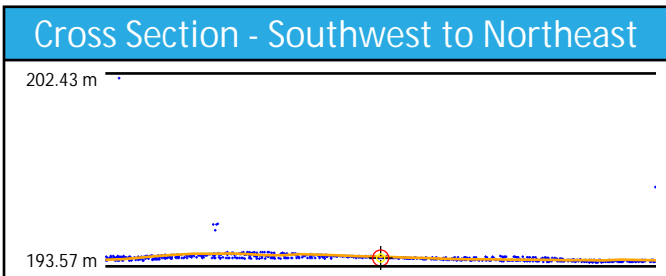
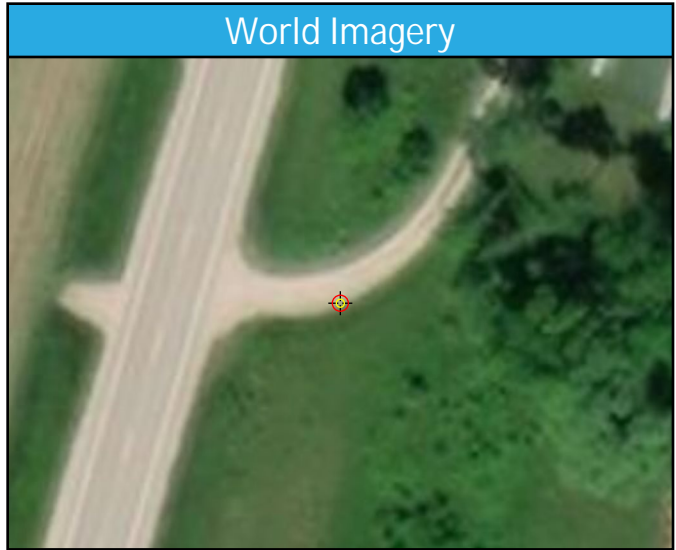
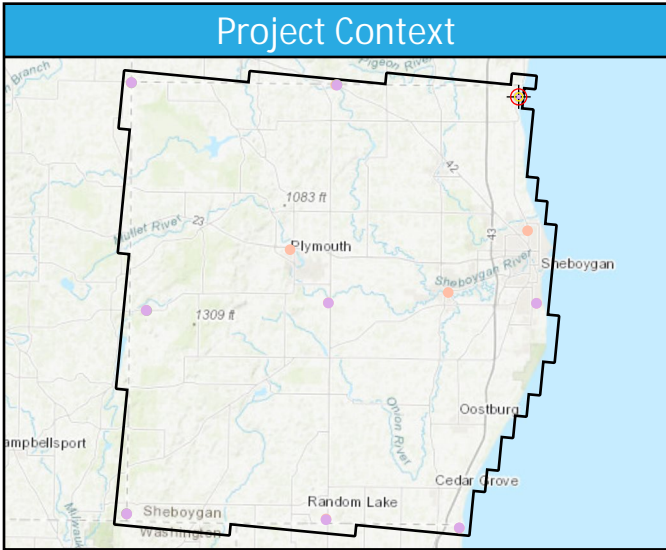


BE70

General	
Name	BE70
Type	NVA
Known Z	193.95 m
DEM Dz	6.13 cm

1st Return	
Dz	4.90 cm
Density	5.52 ppsm
Nearest	0.30 m
Slope	2.02°

Ground	
Dz	4.90 cm
Density	3.86 ppsm
Nearest	0.30 m
Slope	2.02°

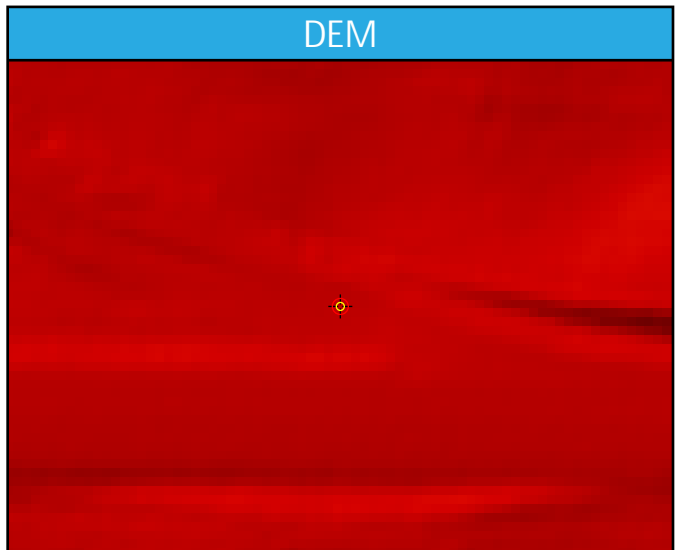
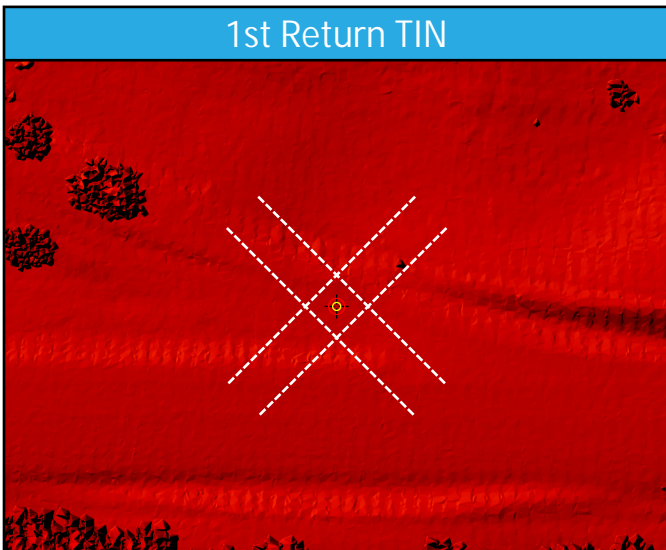
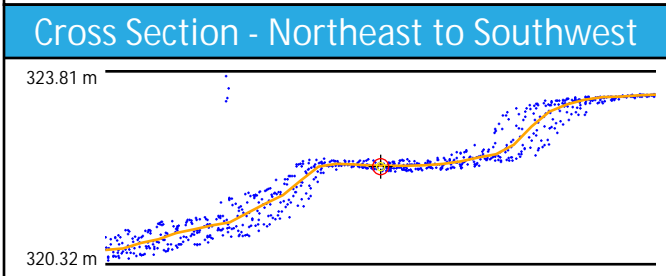
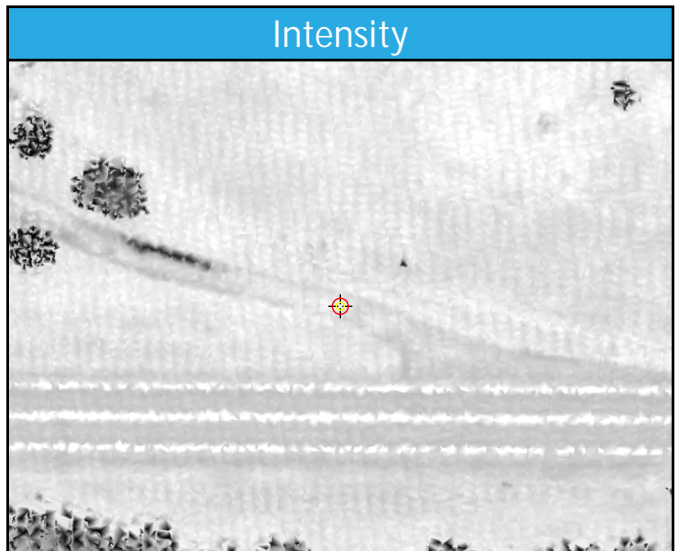
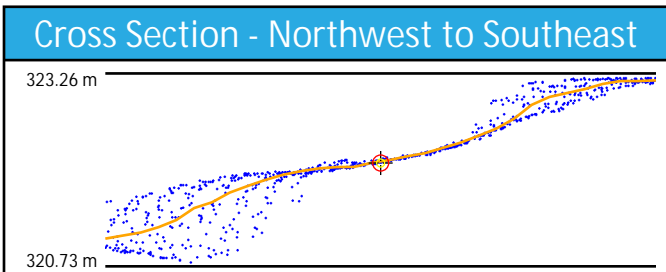
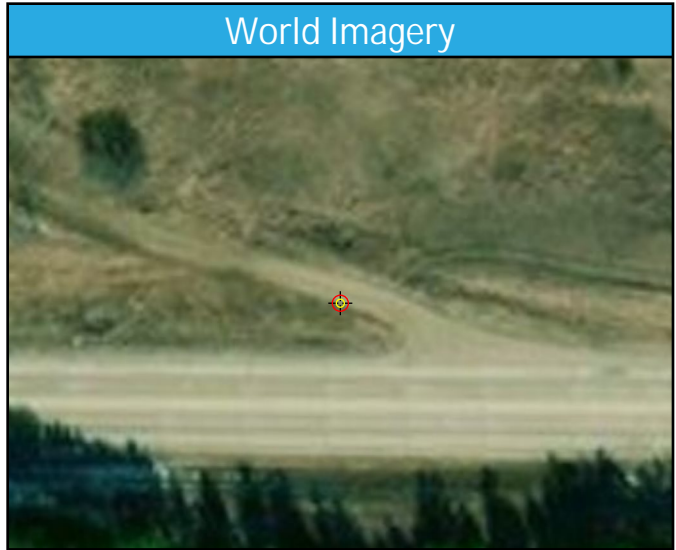
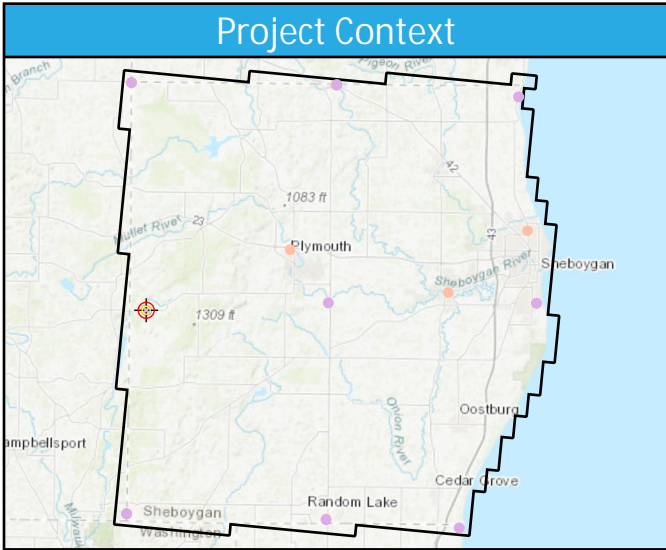


BE71

General	
Name	BE71
Type	NVA
Known Z	322.09 m
DEM Dz	2.26 cm

1st Return	
Dz	1.37 cm
Density	5.73 ppsm
Nearest	0.31 m
Slope	3.04°

Ground	
Dz	1.37 cm
Density	3.82 ppsm
Nearest	0.31 m
Slope	3.04°

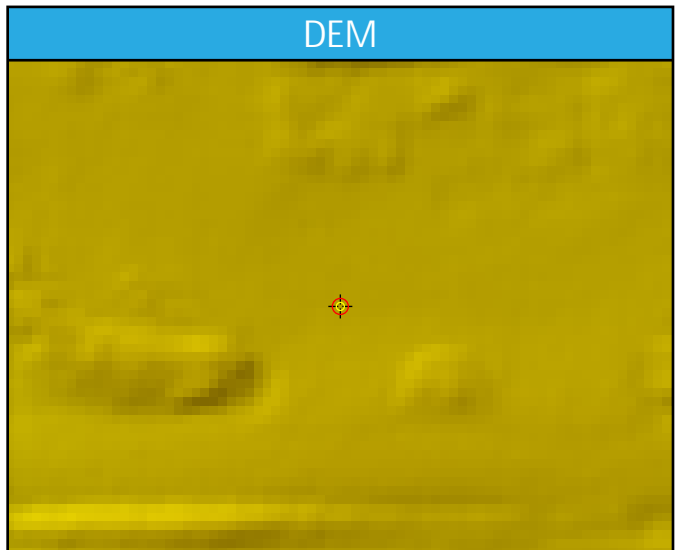
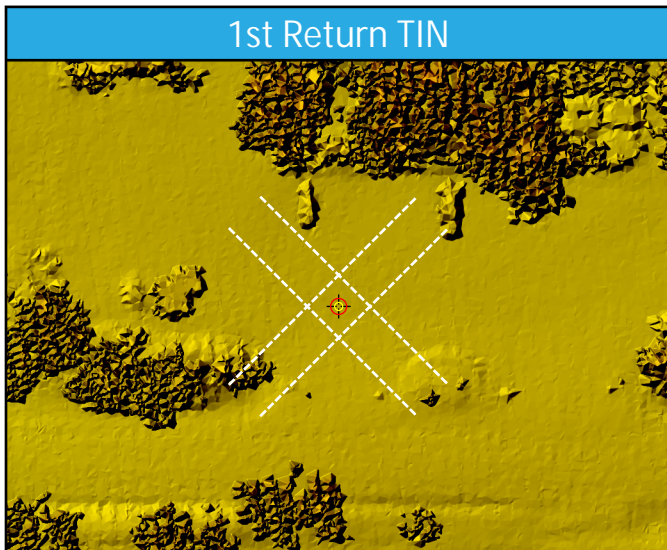
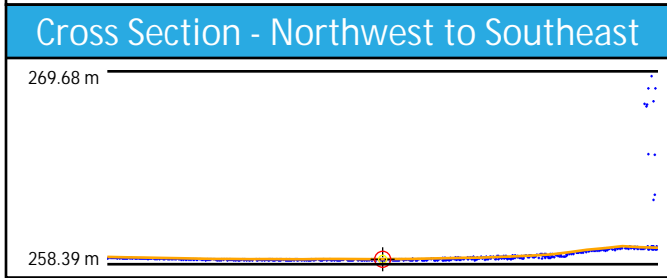
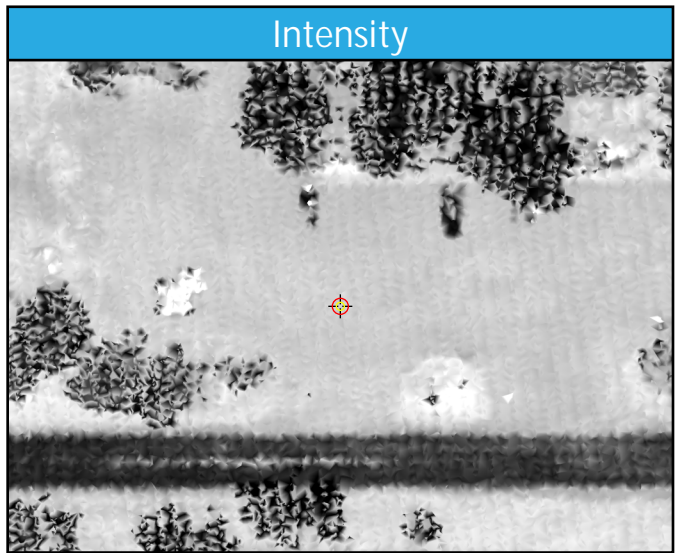
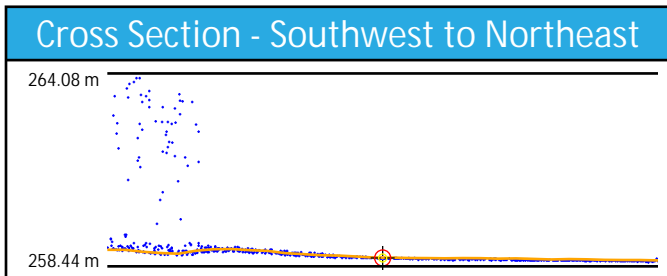
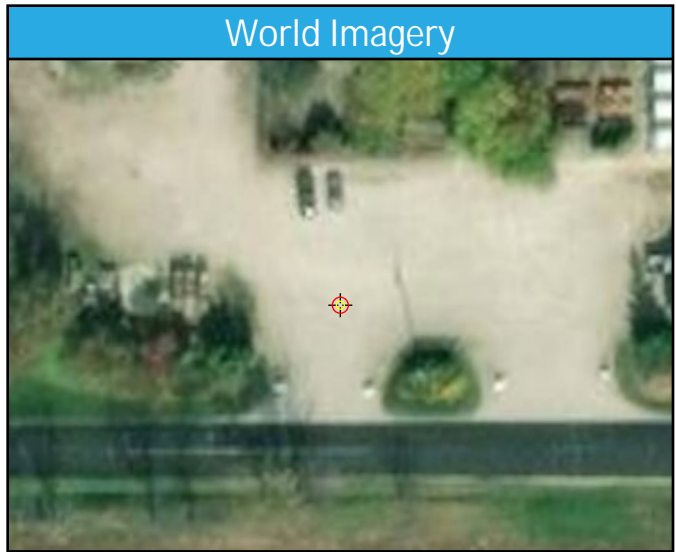
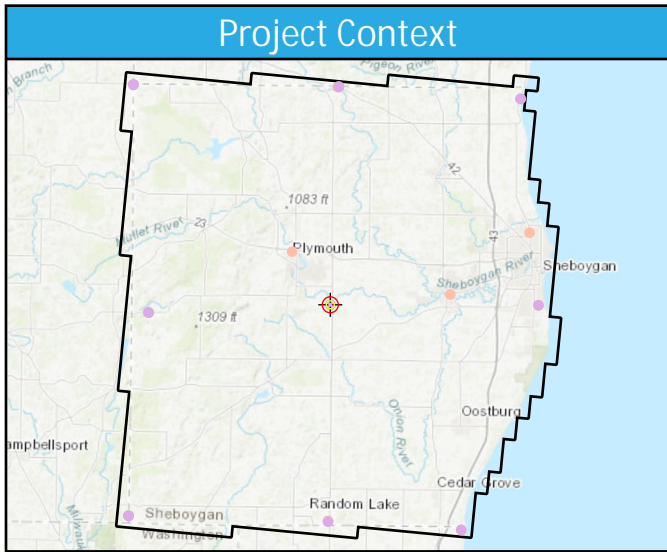


BE72

General	
Name	BE72
Type	NVA
Known Z	258.68 m
DEM Dz	0.89 cm

1st Return	
Dz	0.28 cm
Density	5.09 ppsm
Nearest	0.18 m
Slope	1.01°

Ground	
Dz	0.28 cm
Density	4.88 ppsm
Nearest	0.18 m
Slope	1.01°

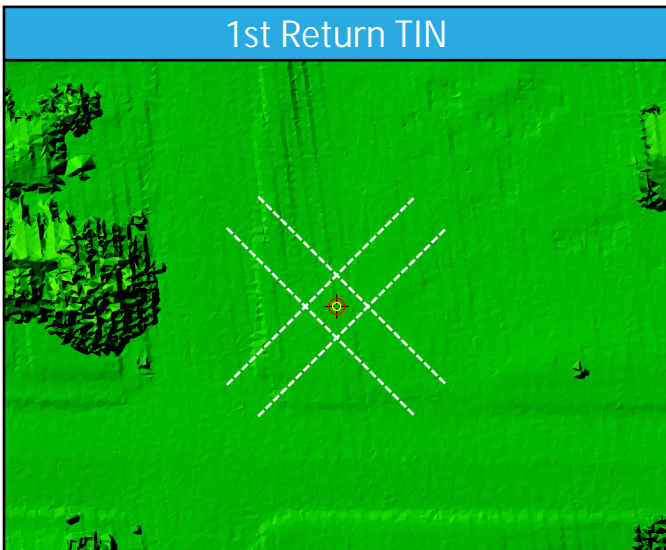
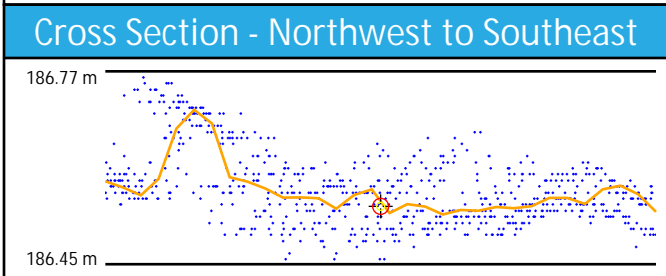
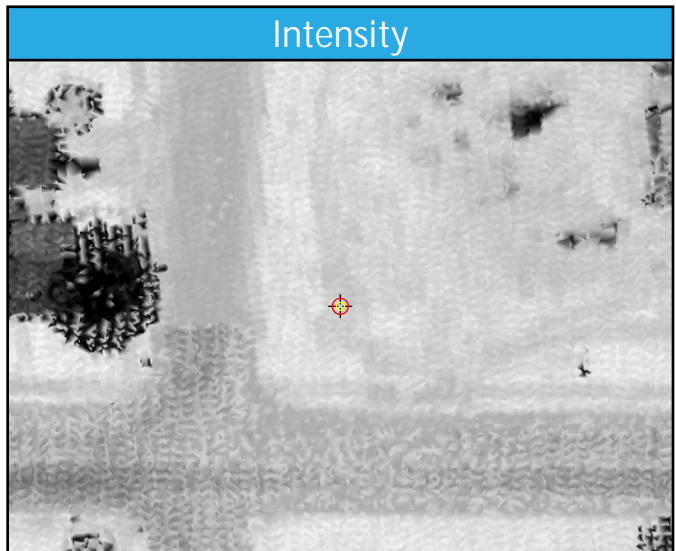
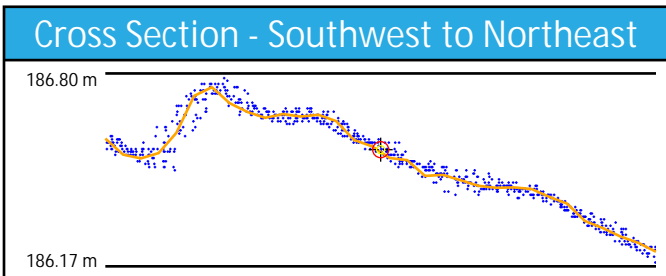
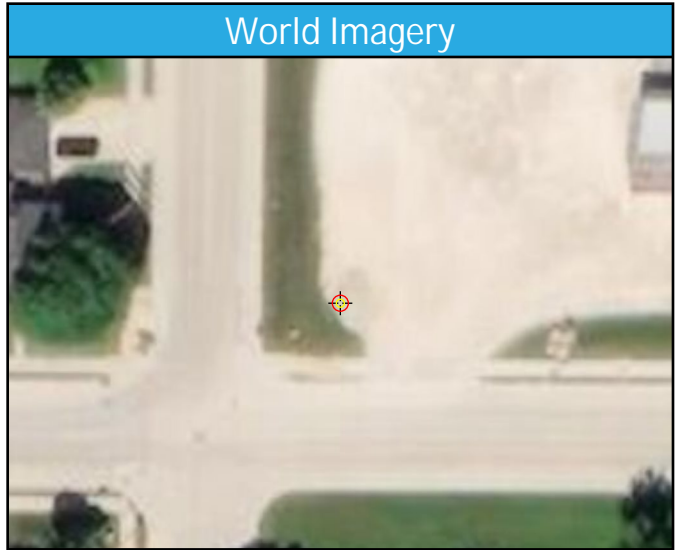
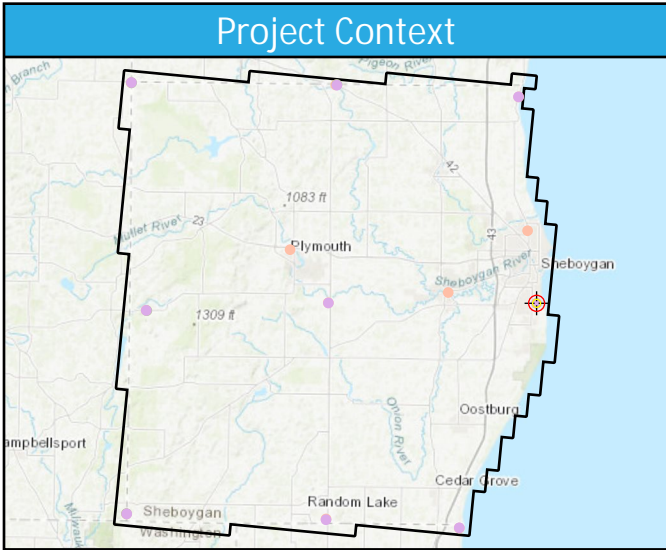


BE73

General	
Name	BE73
Type	NVA
Known Z	186.55 m
DEM Dz	1.05 cm

1st Return	
Dz	-0.74 cm
Density	4.81 ppsm
Nearest	0.15 m
Slope	1.62°

Ground	
Dz	-0.91 cm
Density	2.86 ppsm
Nearest	0.15 m
Slope	1.62°

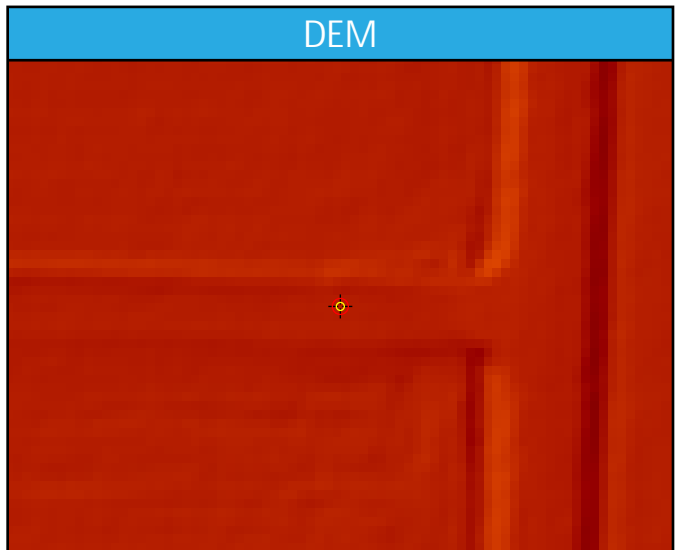
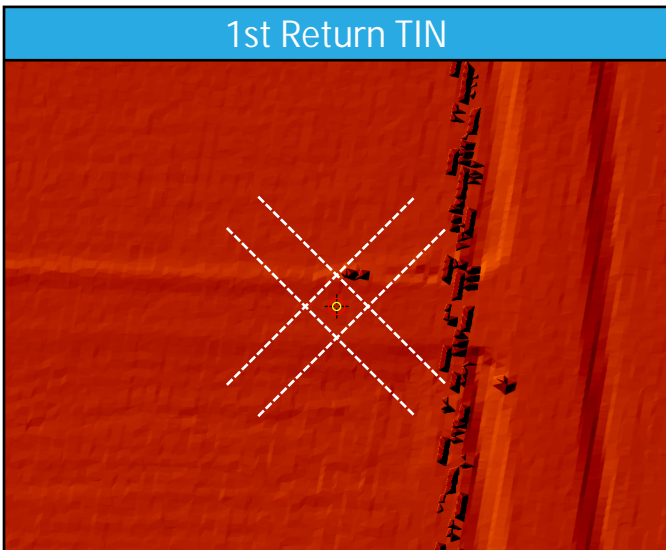
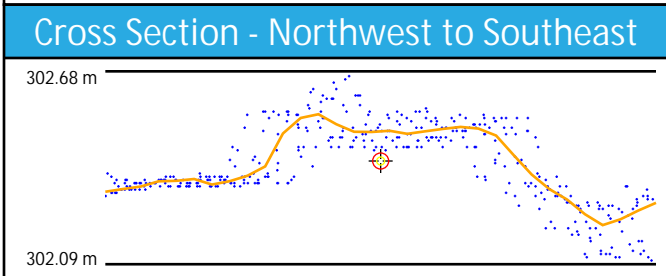
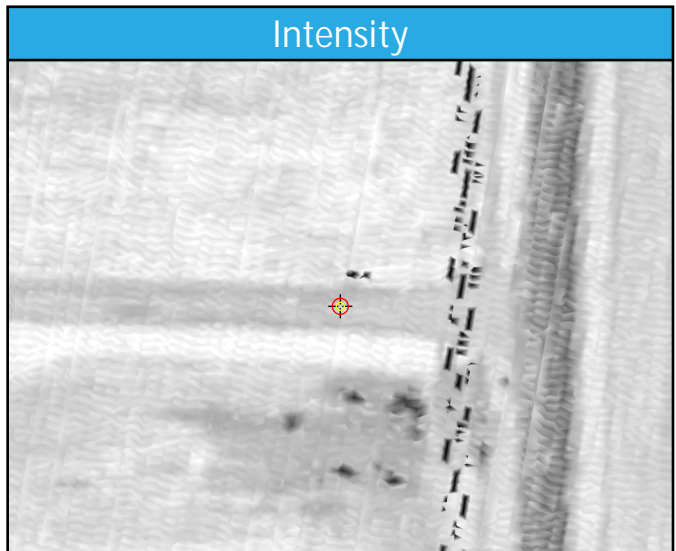
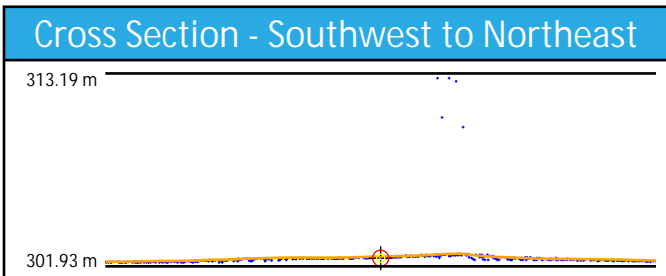
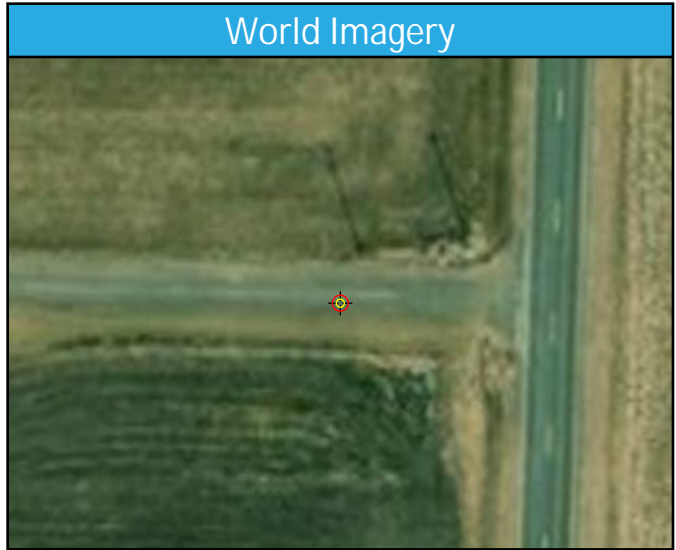
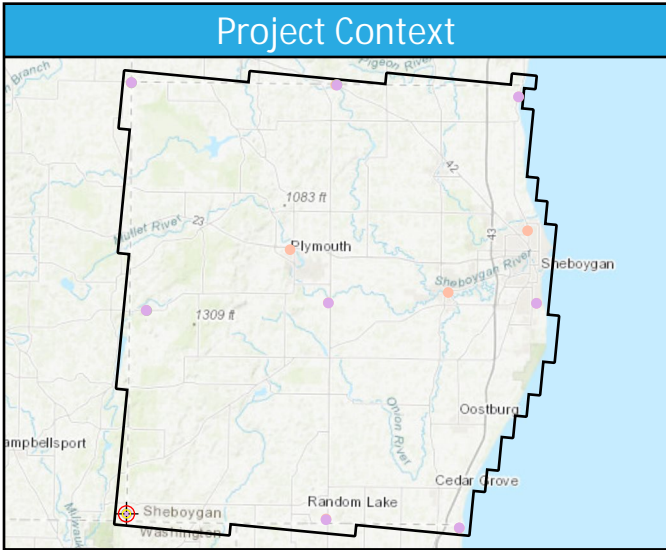


BE74

General	
Name	BE74
Type	NVA
Known Z	302.41 m
DEM Dz	9.69 cm

1st Return	
Dz	9.40 cm
Density	2.69 ppsm
Nearest	0.28 m
Slope	1.42°

Ground	
Dz	9.40 cm
Density	2.69 ppsm
Nearest	0.28 m
Slope	1.42°

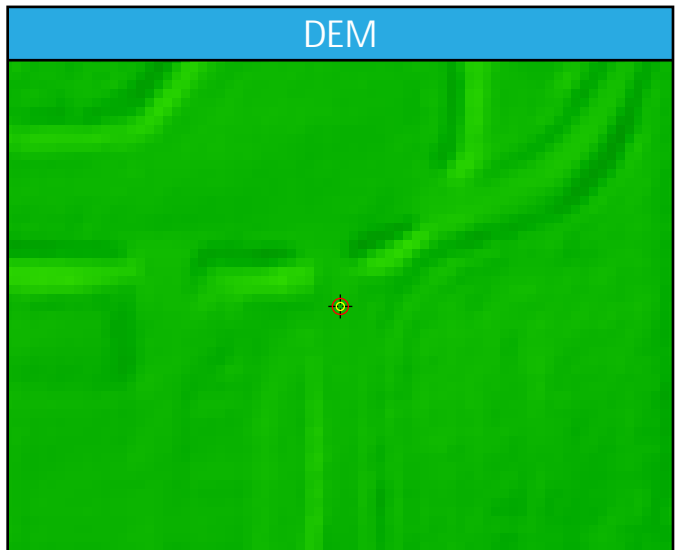
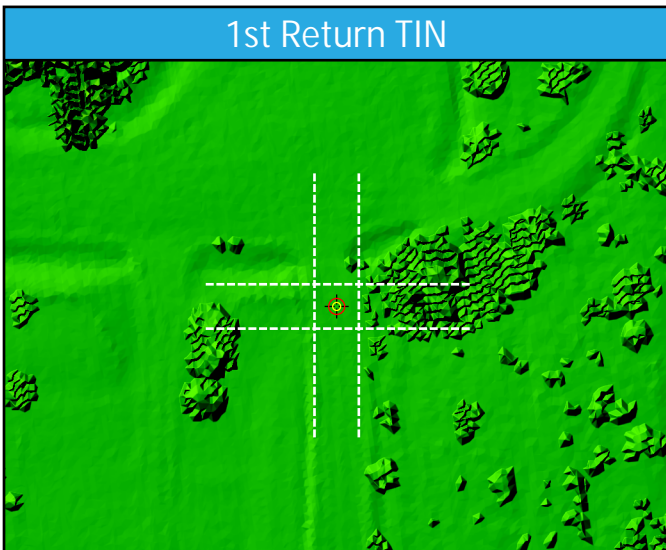
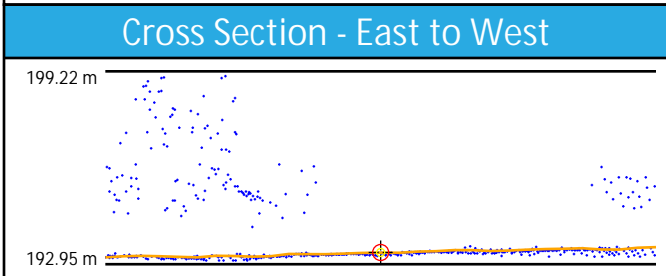
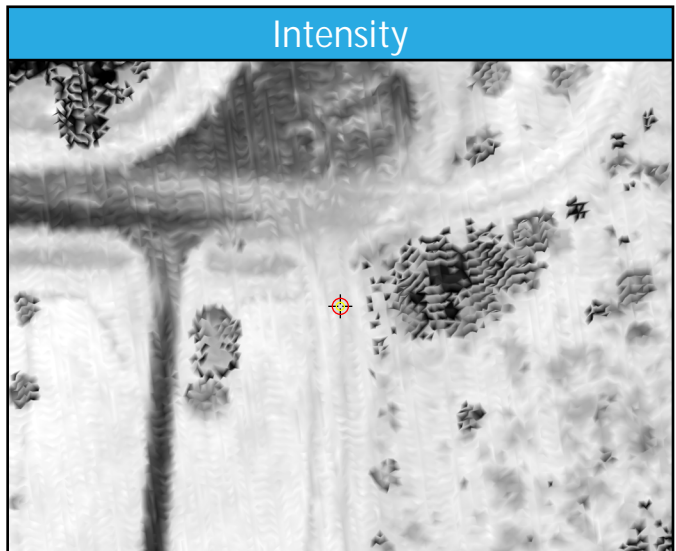
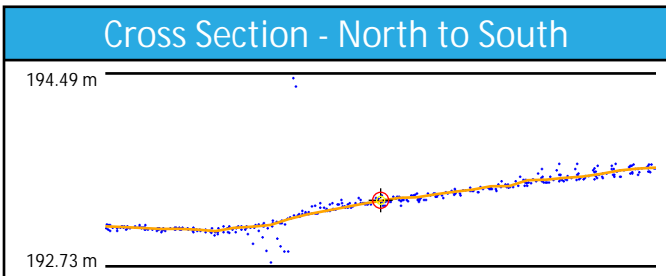
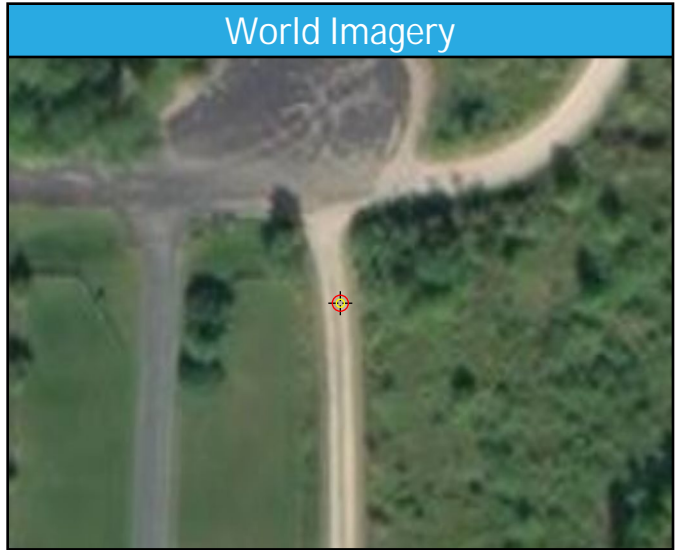
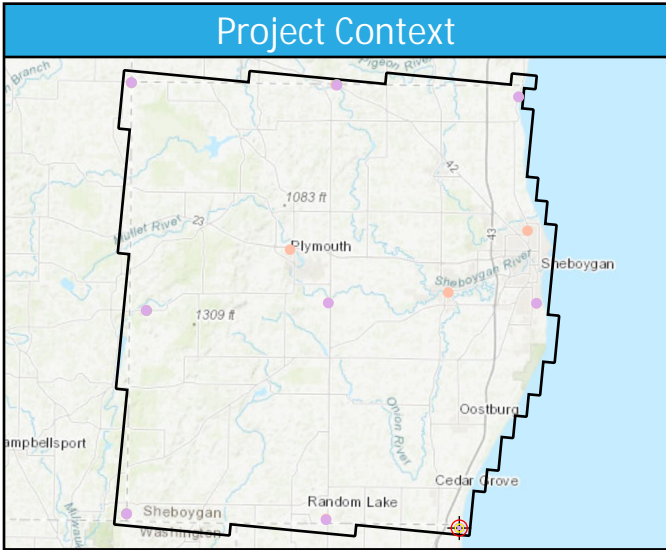


BE75

General	
Name	BE75
Type	NVA
Known Z	193.33 m
DEM Dz	-1.33 cm

1st Return	
Dz	-0.50 cm
Density	2.65 ppsm
Nearest	0.25 m
Slope	1.72°

Ground	
Dz	-0.50 cm
Density	2.65 ppsm
Nearest	0.25 m
Slope	1.72°

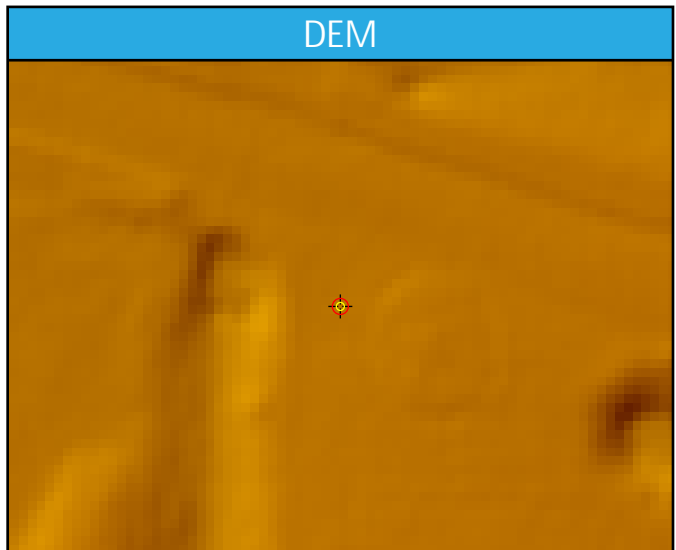
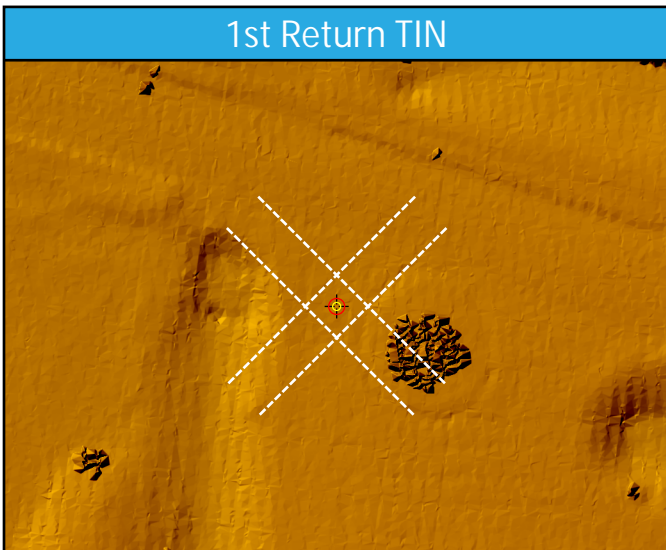
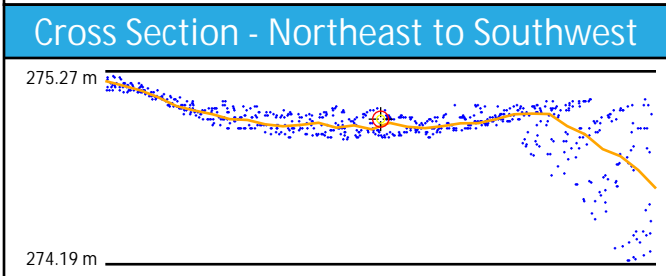
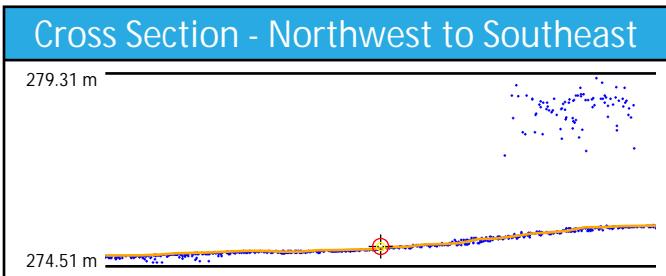
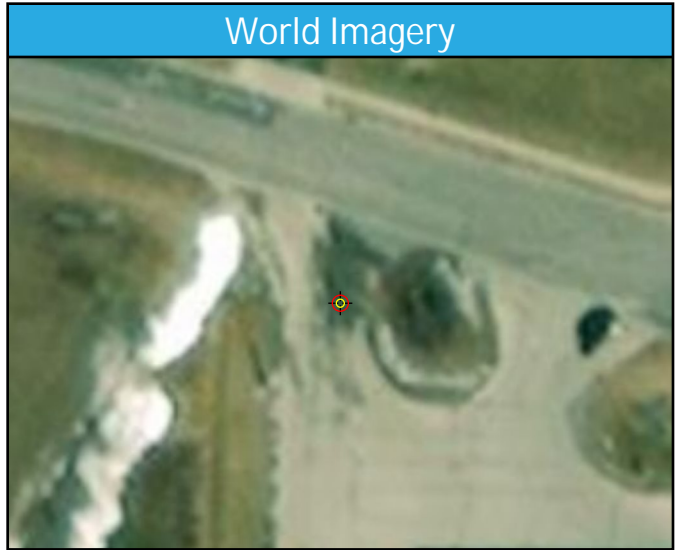
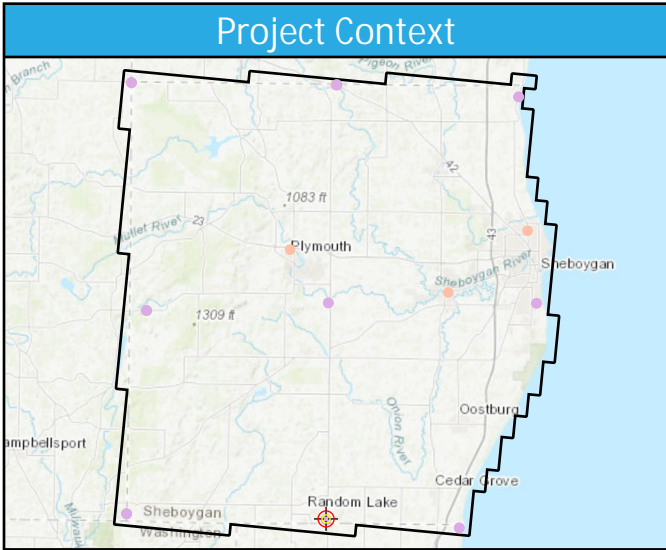


UA39

General	
Name	UA39
Type	NVA
Known Z	275.00 m
DEM Dz	-3.58 cm

1st Return	
Dz	-4.42 cm
Density	4.60 ppsm
Nearest	0.17 m
Slope	1.82°

Ground	
Dz	-4.42 cm
Density	4.31 ppsm
Nearest	0.17 m
Slope	1.82°

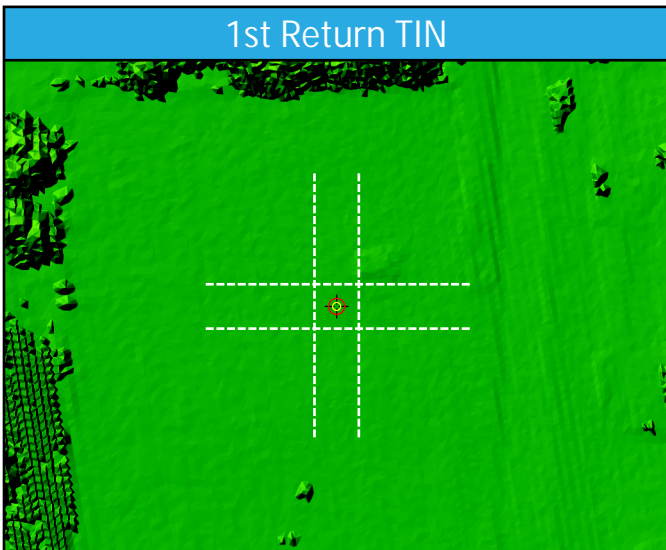
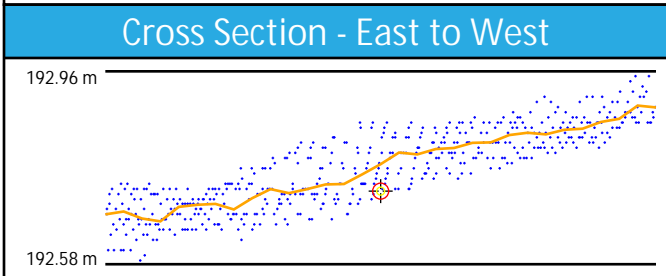
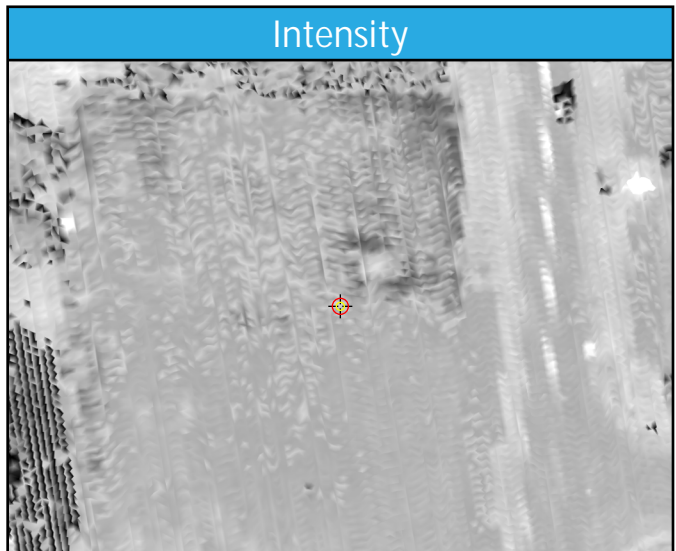
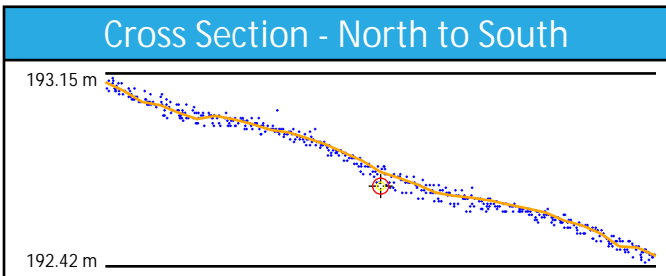
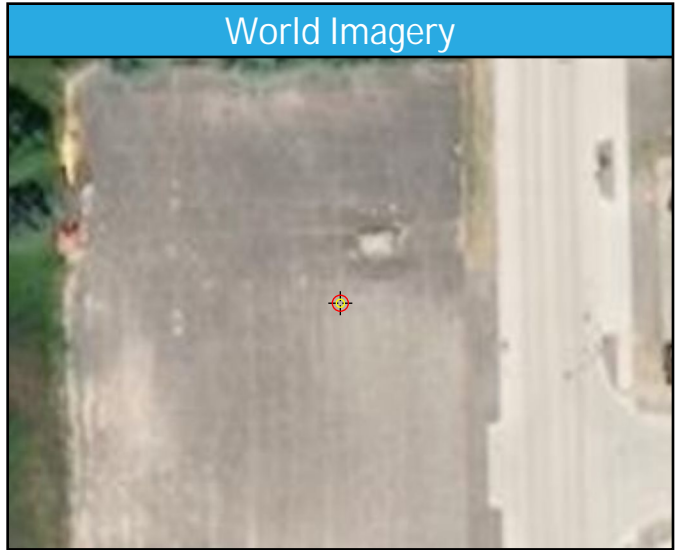
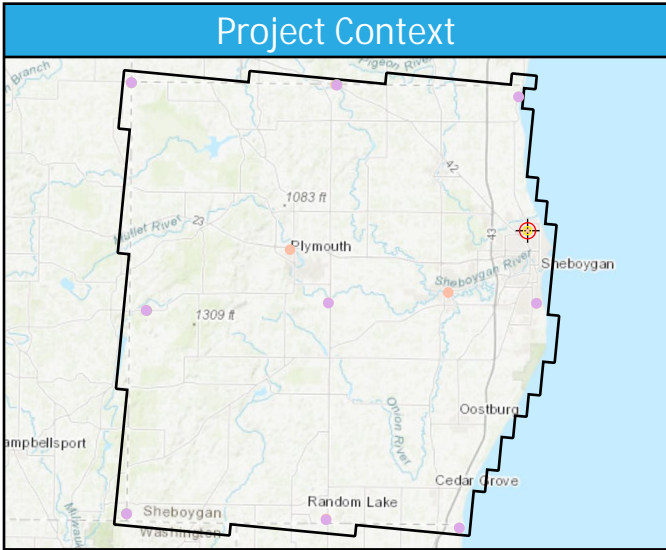


UA40

General	
Name	UA40
Type	NVA
Known Z	192.72 m
DEM Dz	5.41 cm

1st Return	
Dz	5.31 cm
Density	3.47 ppsm
Nearest	0.25 m
Slope	1.72°

Ground	
Dz	5.31 cm
Density	3.43 ppsm
Nearest	0.25 m
Slope	1.72°

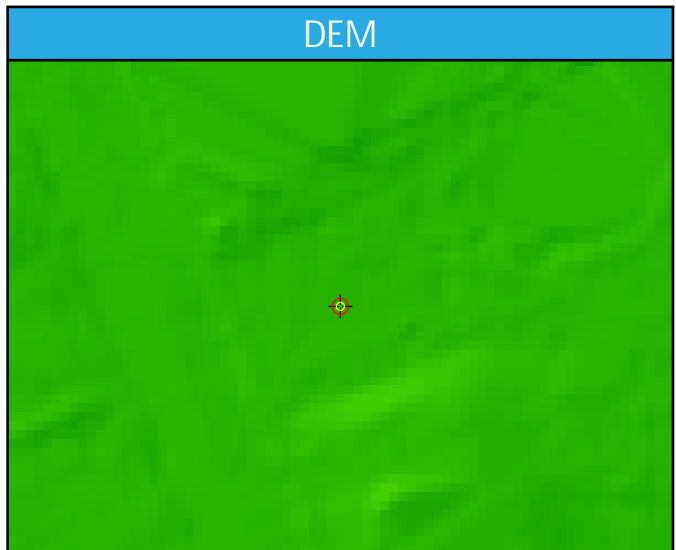
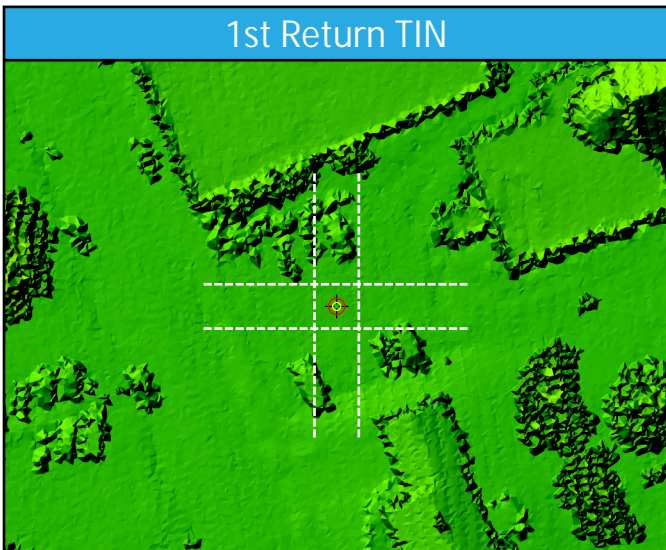
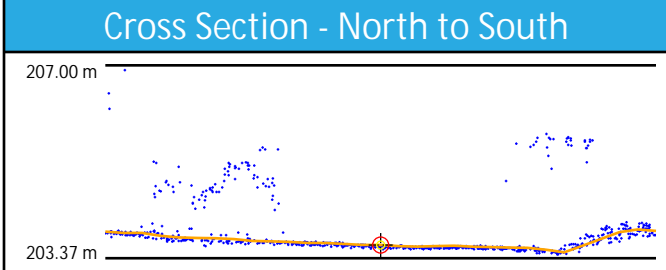
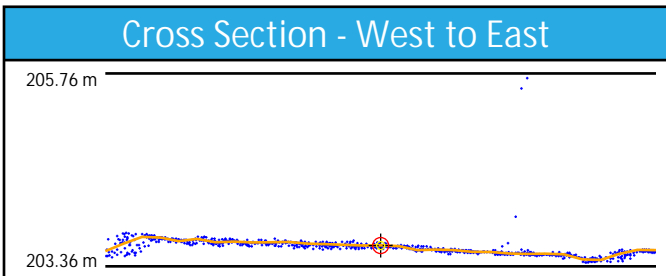
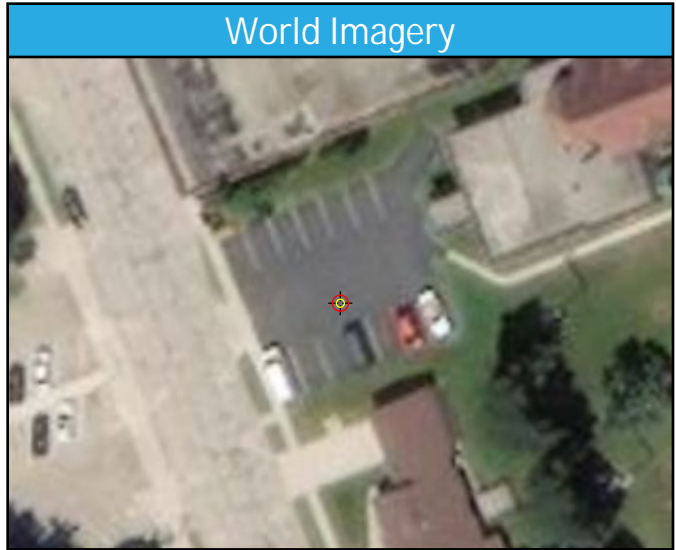
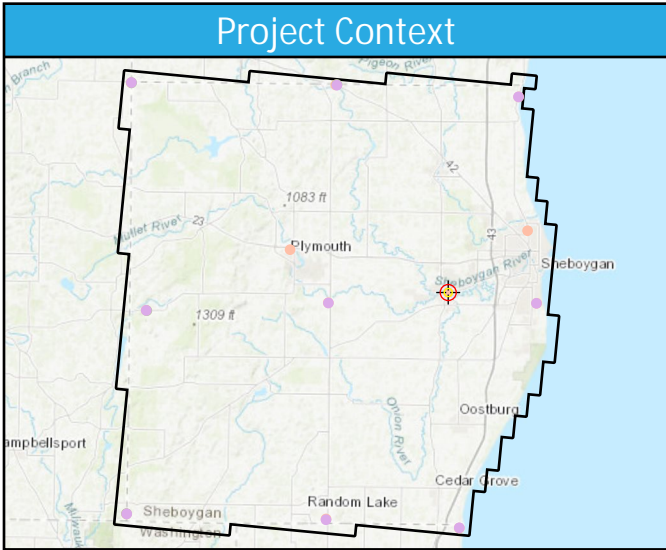


UA41

General	
Name	UA41
Type	NVA
Known Z	203.62 m
DEM Dz	-0.24 cm

1st Return	
Dz	0.27 cm
Density	5.06 ppsm
Nearest	0.15 m
Slope	1.15°

Ground	
Dz	0.27 cm
Density	4.39 ppsm
Nearest	0.15 m
Slope	1.15°

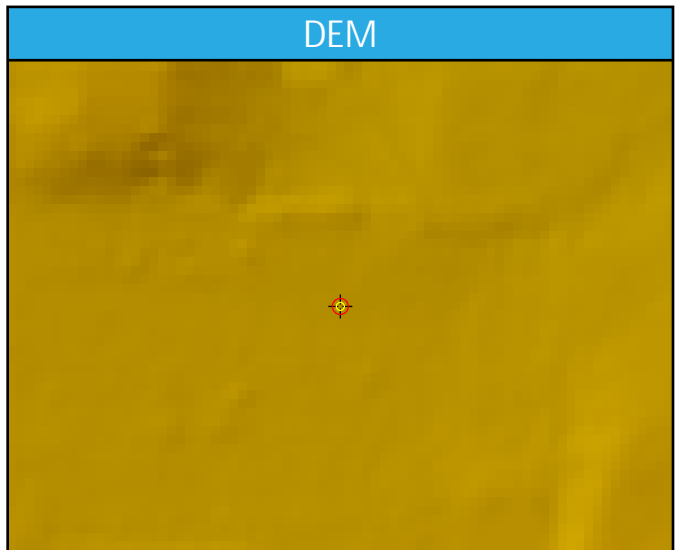
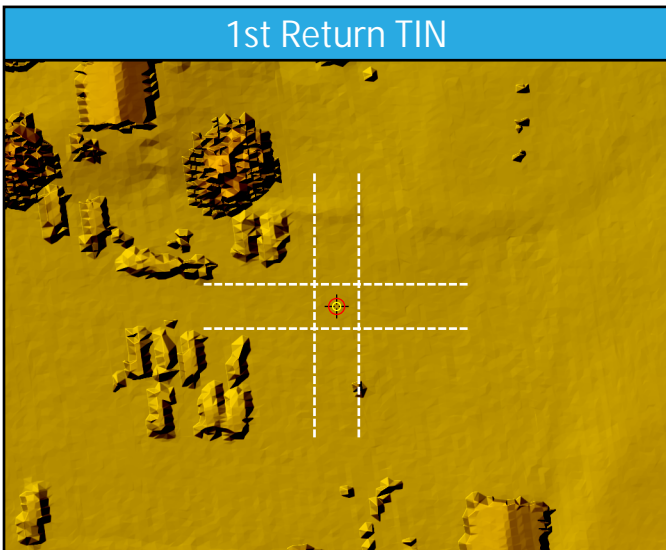
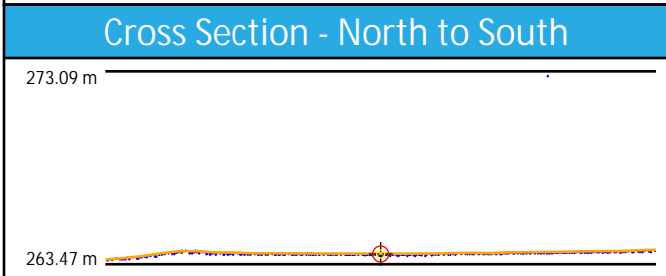
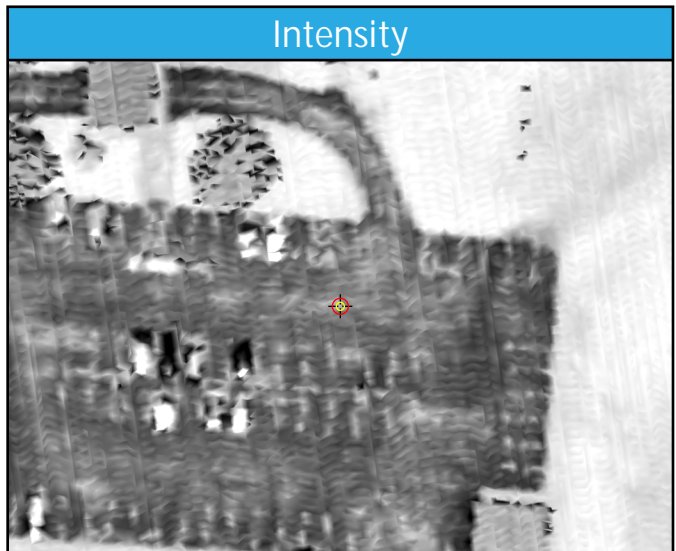
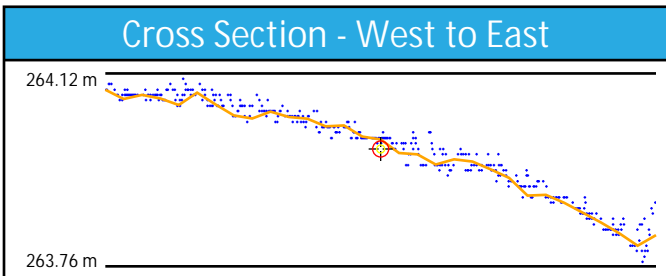
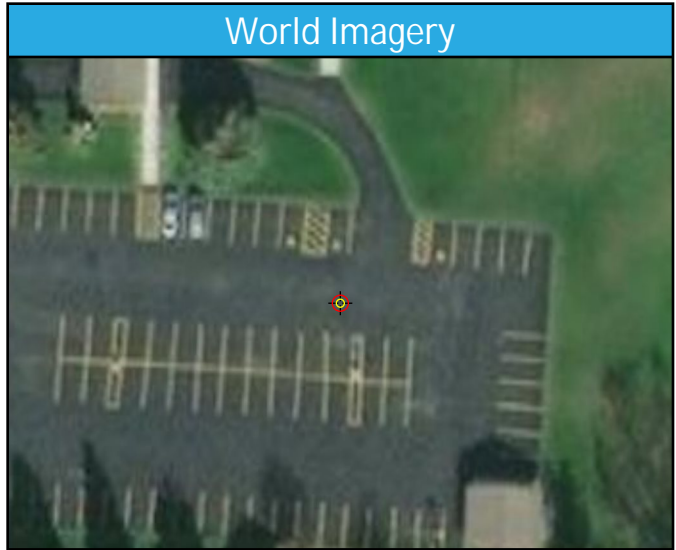
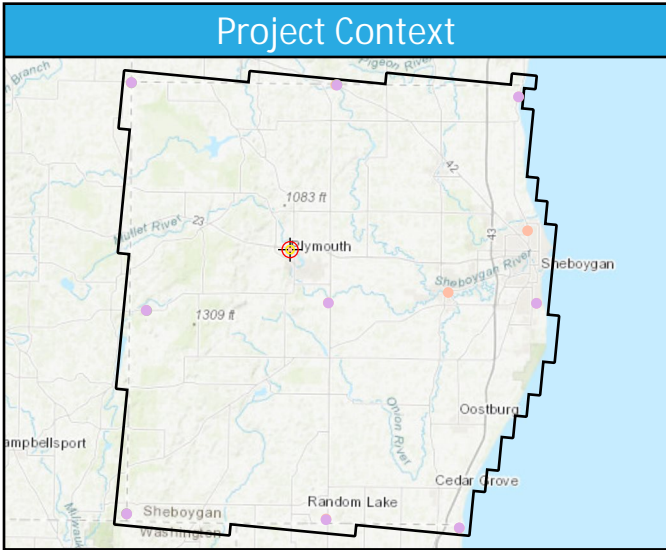


UA42

General	
Name	UA42
Type	NVA
Known Z	263.98 m
DEM Dz	1.82 cm

1st Return	
Dz	1.78 cm
Density	2.69 ppsm
Nearest	0.28 m
Slope	1.15°

Ground	
Dz	1.78 cm
Density	2.65 ppsm
Nearest	0.28 m
Slope	1.15°

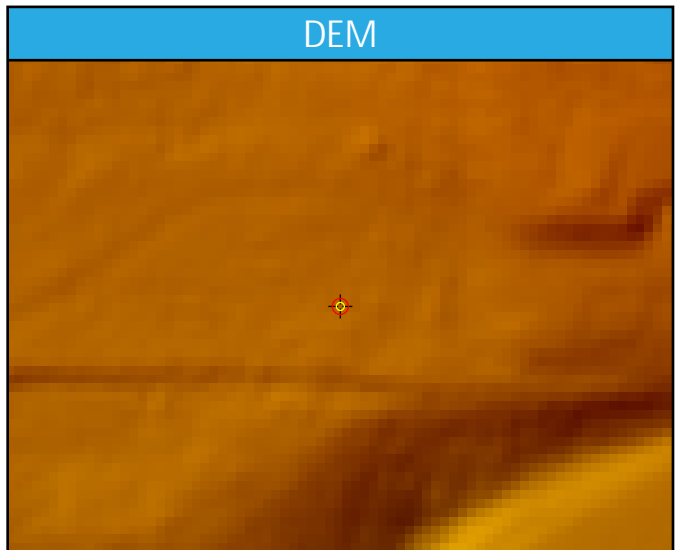
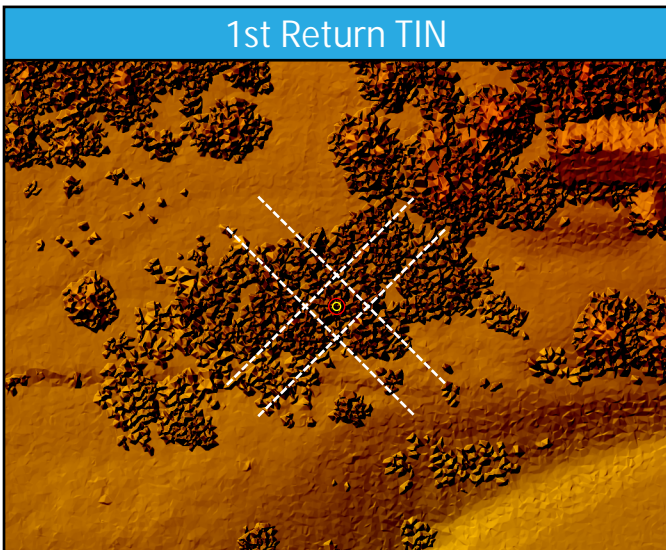
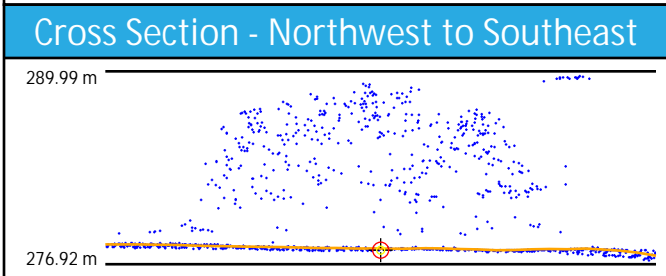
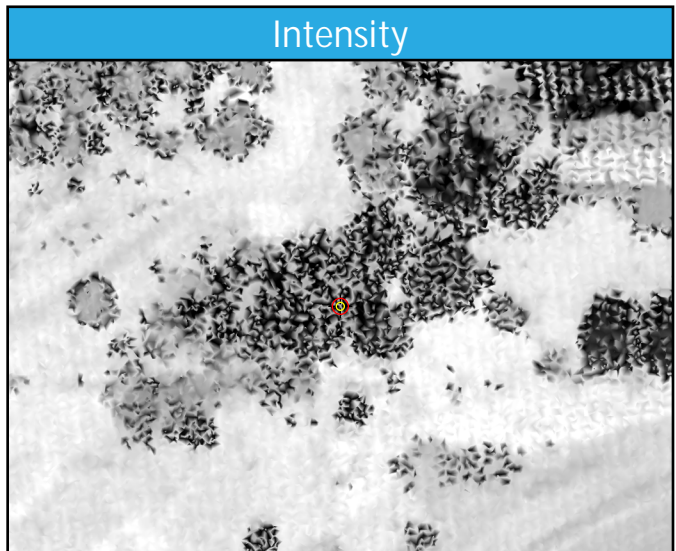
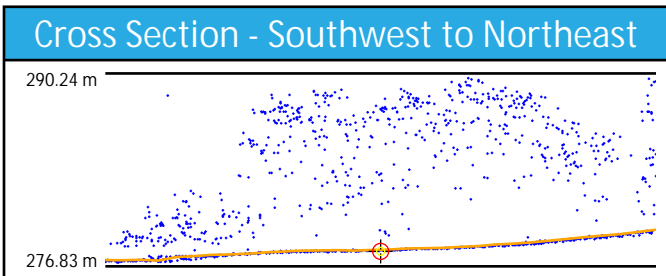
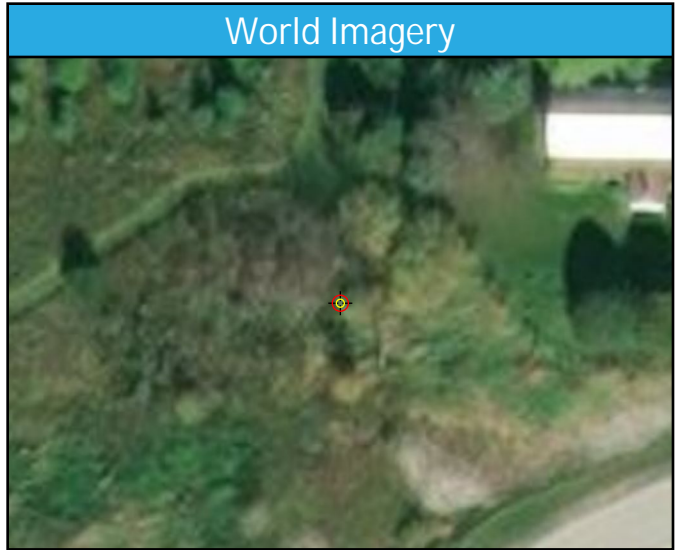
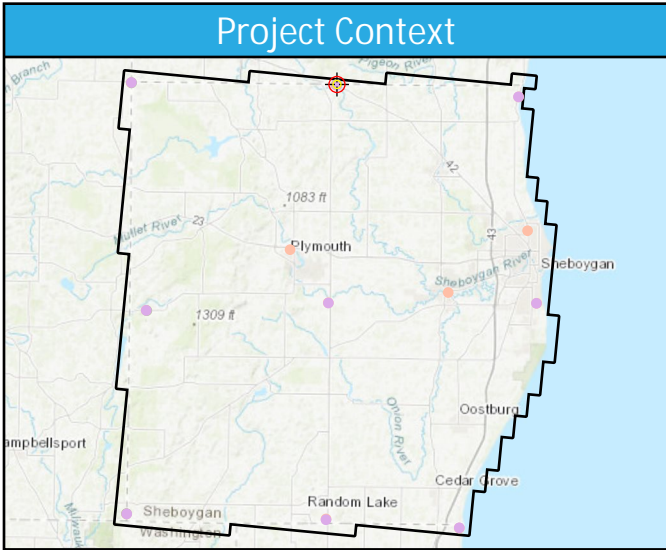


FO37

General	
Name	FO37
Type	VVA
Known Z	277.87 m
DEM Dz	11.17 cm

1st Return	
Dz	-
Density	8.52 ppsm
Nearest	0.18 m
Slope	3.24°

Ground	
Dz	10.53 cm
Density	2.72 ppsm
Nearest	0.29 m
Slope	2.63°



DEM Dz 11.17 cm

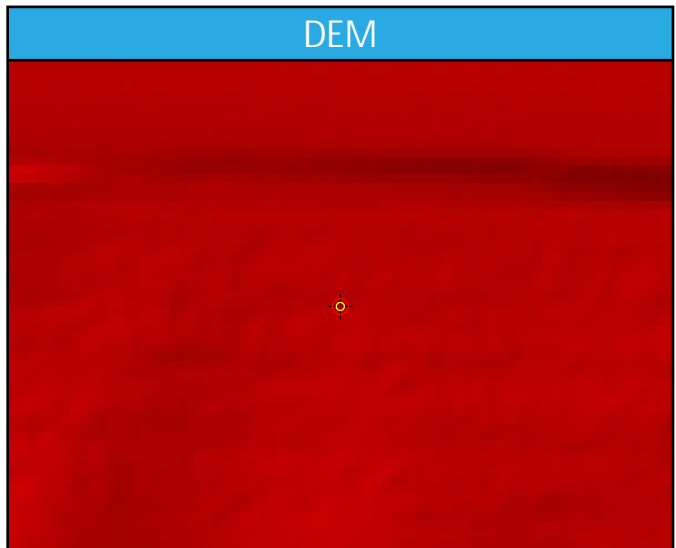
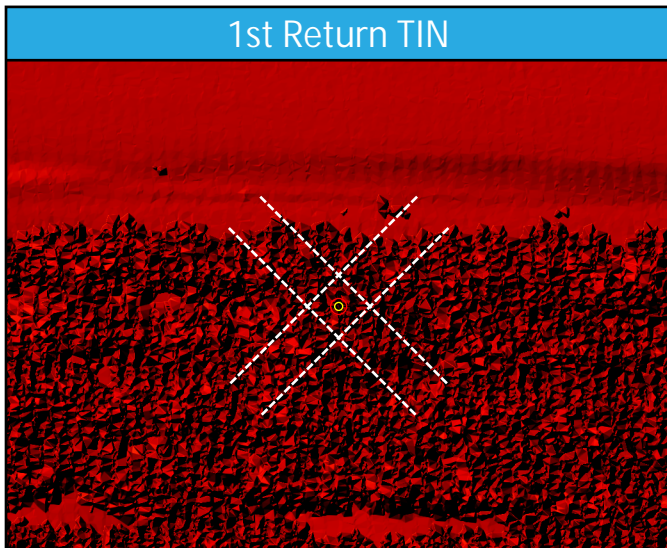
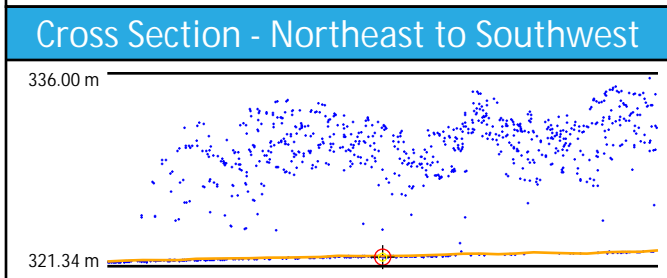
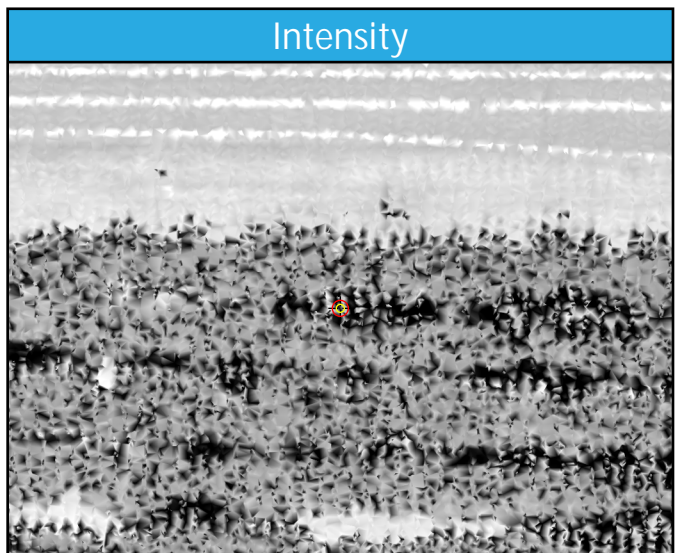
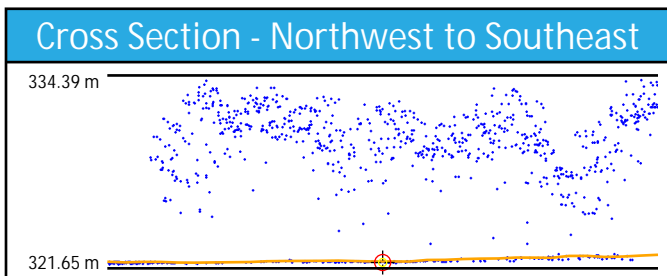
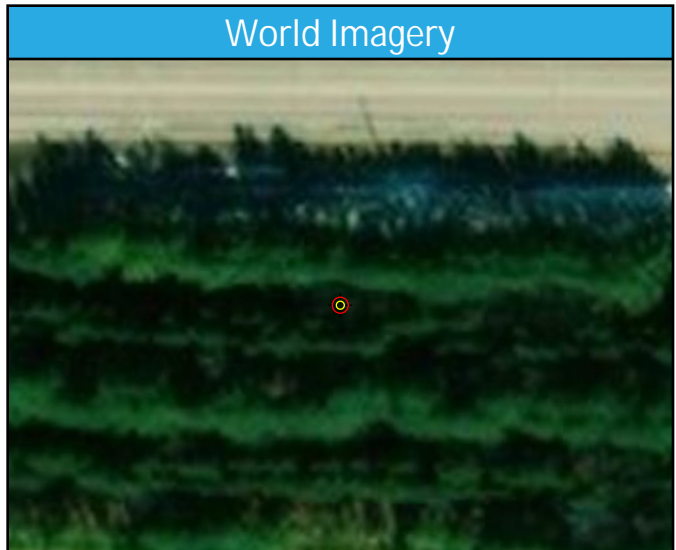
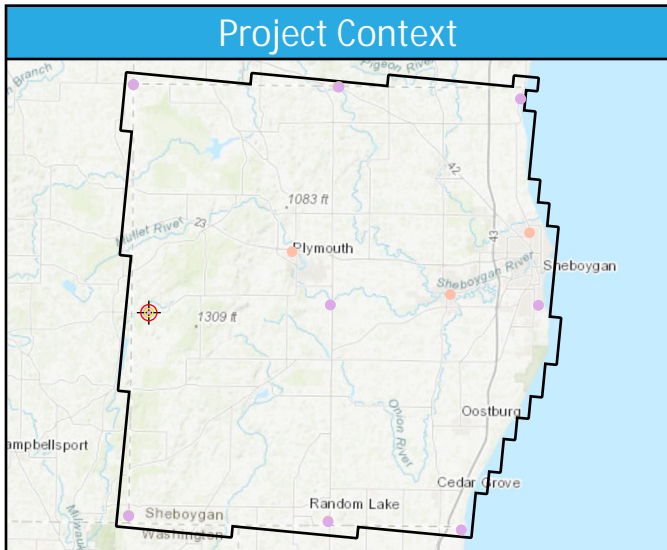
FO37 (VVA)

FO38

General	
Name	FO38
Type	VVA
Known Z	322.03 m
DEM Dz	8.09 cm

1st Return	
Dz	-
Density	7.29 ppsm
Nearest	0.37 m
Slope	2.43°

Ground	
Dz	7.51 cm
Density	2.12 ppsm
Nearest	0.42 m
Slope	2.43°



DEM Dz 8.09 cm

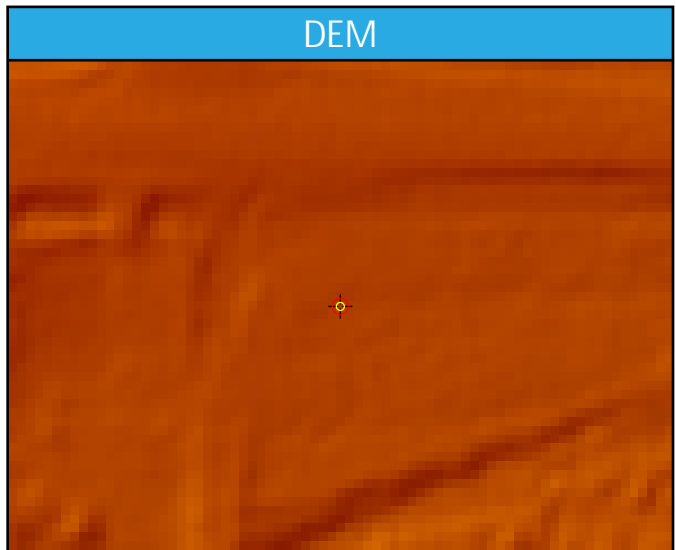
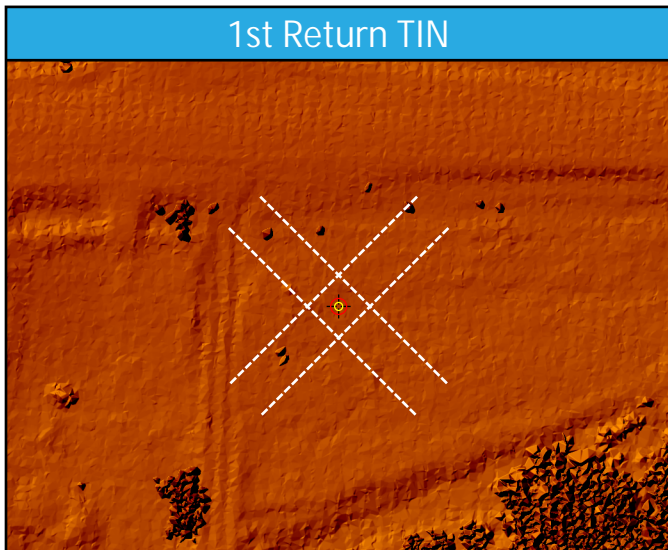
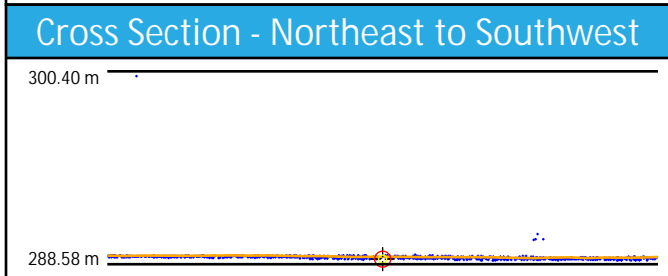
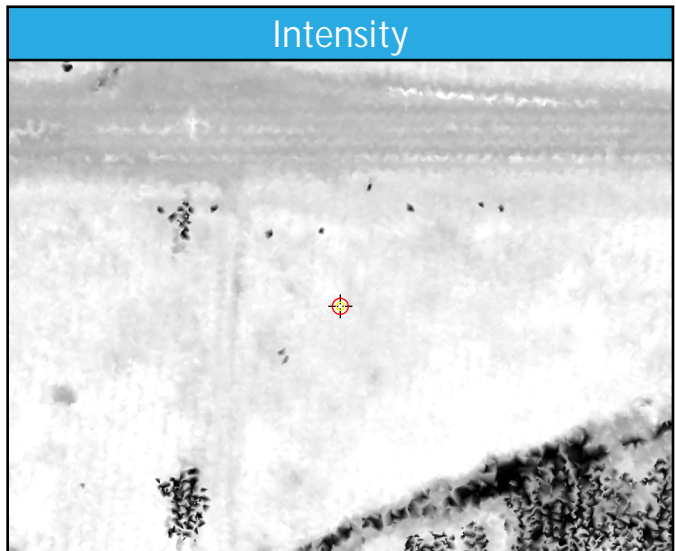
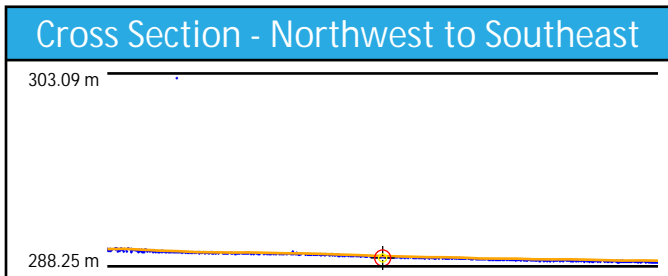
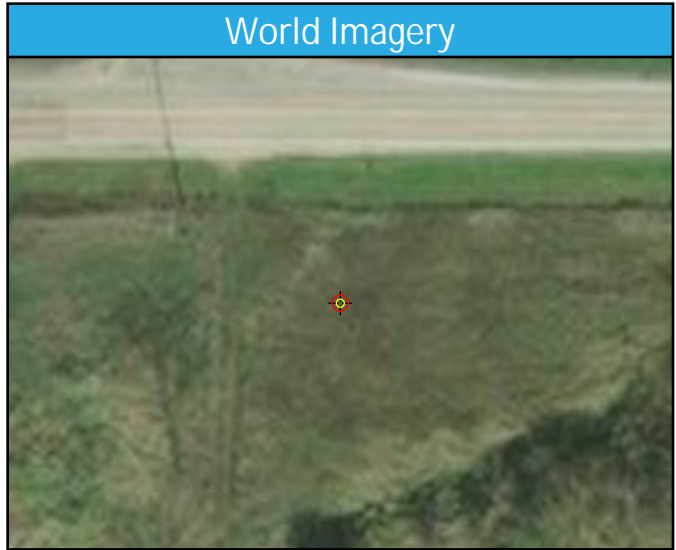
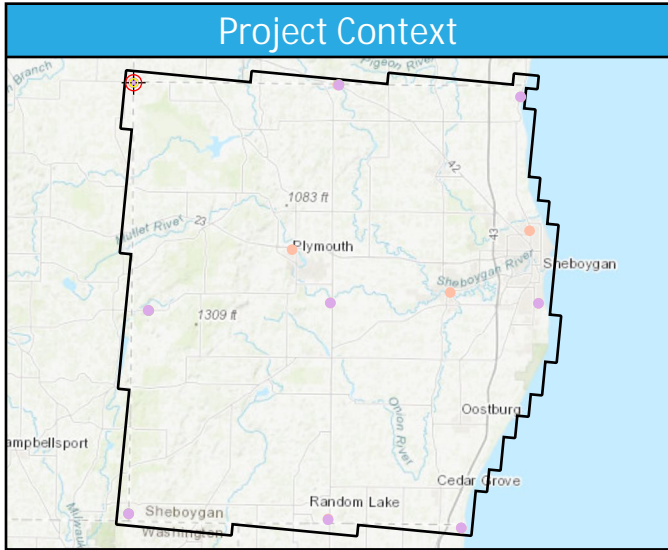
FO38 (VVA)

TW48

General	
Name	TW48
Type	VVA
Known Z	288.89 m
DEM Dz	14.84 cm

1st Return	
Dz	-
Density	6.15 ppsm
Nearest	0.46 m
Slope	2.83°

Ground	
Dz	14.83 cm
Density	5.02 ppsm
Nearest	0.46 m
Slope	2.83°



DEM Dz 14.84 cm

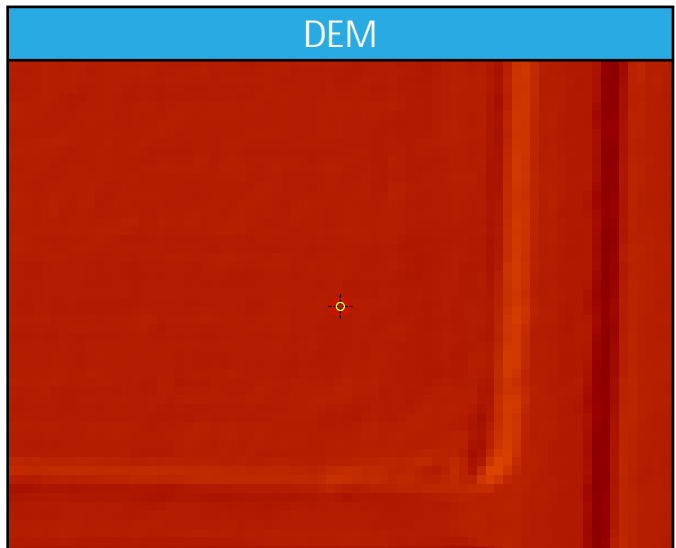
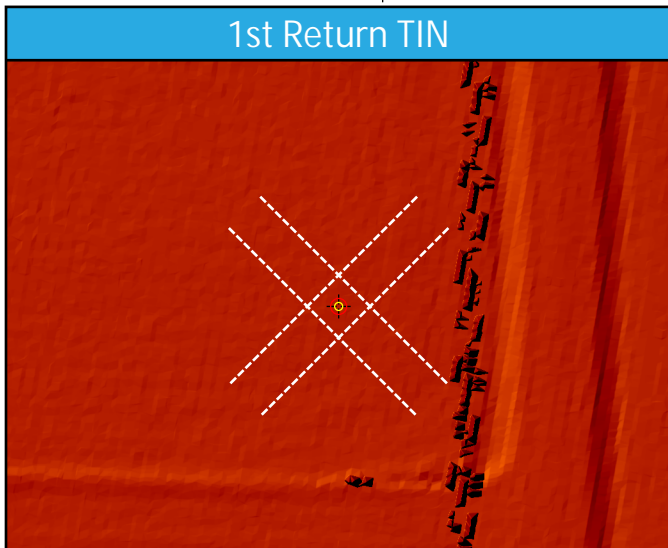
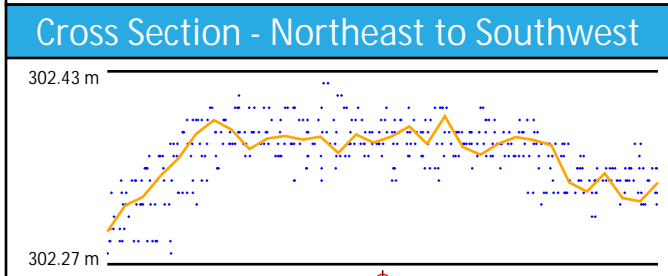
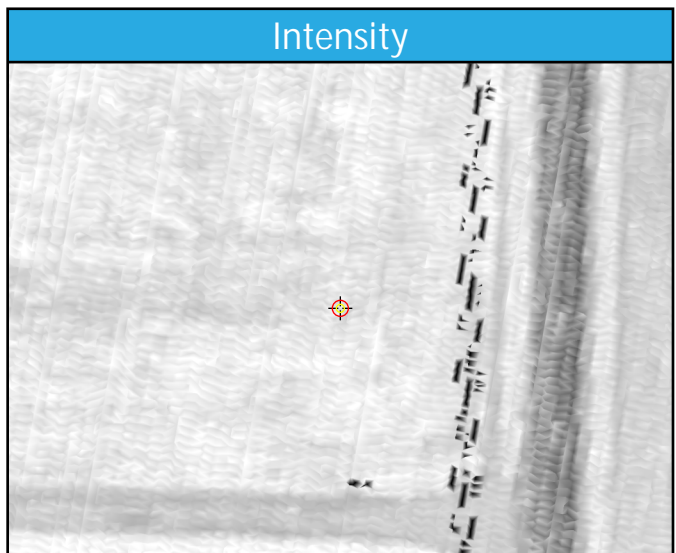
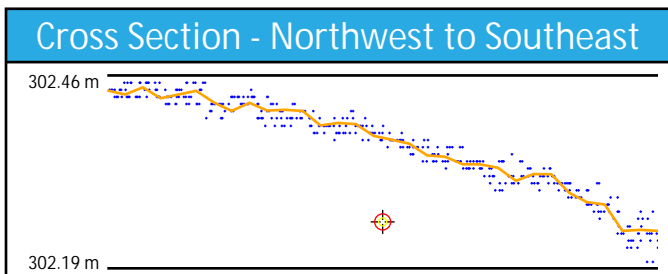
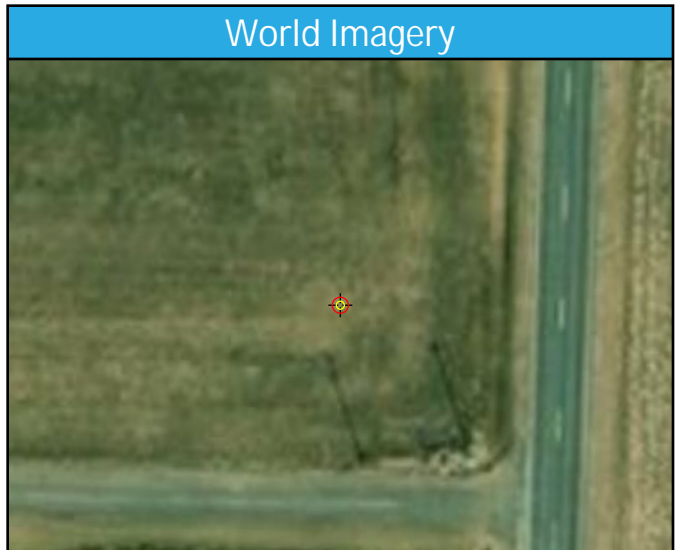
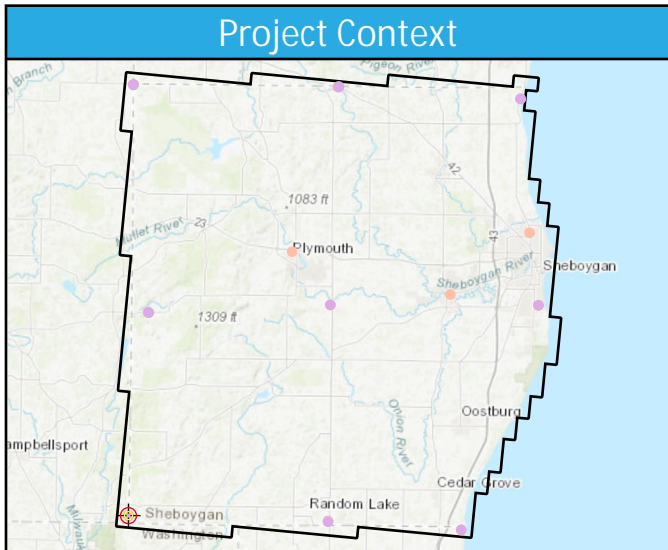
TW48 (VVA)

TW49

General	
Name	TW49
Type	VVA
Known Z	302.26 m
DEM Dz	11.57 cm

1st Return	
Dz	-
Density	2.69 ppsm
Nearest	0.05 m
Slope	0.61°

Ground	
Dz	11.50 cm
Density	2.65 ppsm
Nearest	0.05 m
Slope	0.61°



DEM Dz 11.57 cm

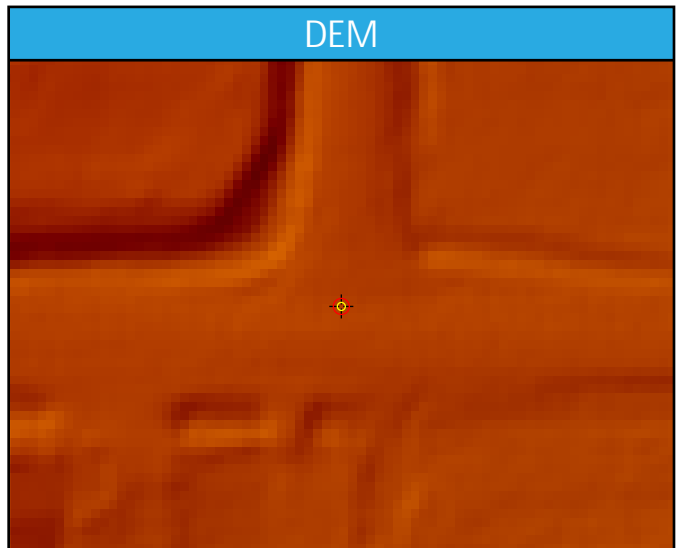
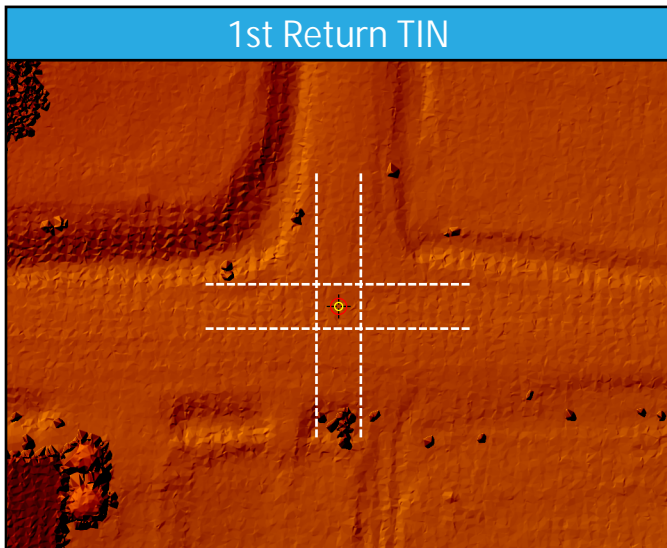
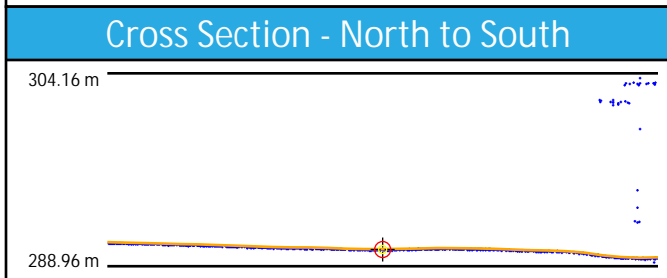
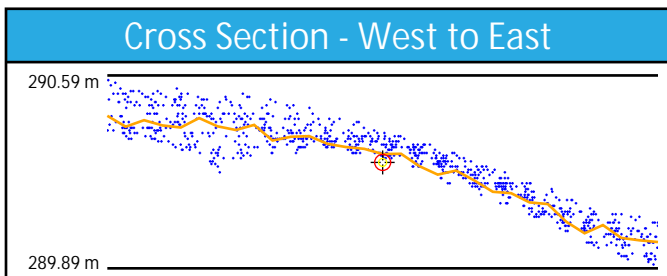
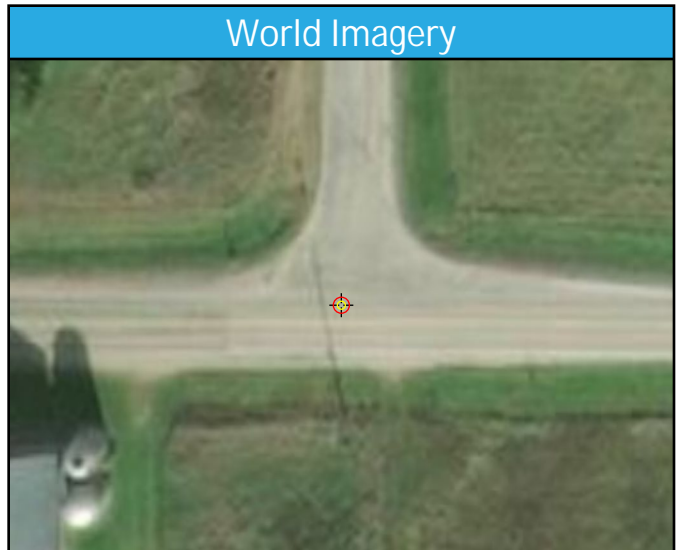
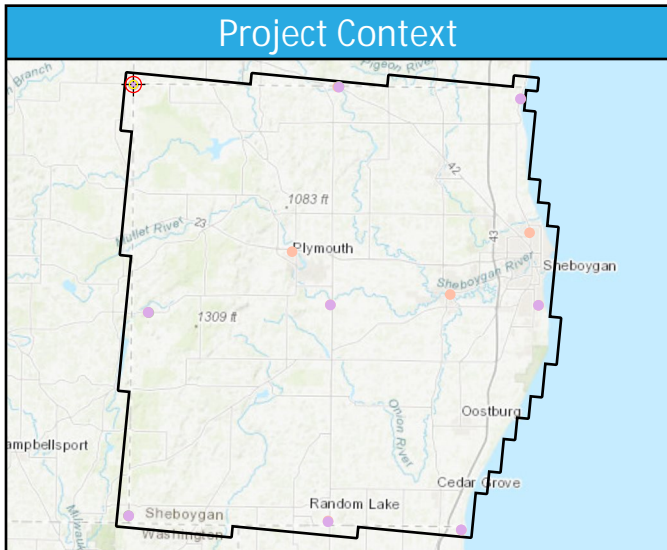
TW49 (VVA)

CA105

General	
Name	CA105
Type	CAL
Known Z	290.27 m
DEM Dz	3.84 cm

1st Return	
Dz	3.01 cm
Density	5.69 ppsm
Nearest	0.29 m
Slope	0.86°

Ground	
Dz	3.01 cm
Density	4.42 ppsm
Nearest	0.29 m
Slope	0.86°

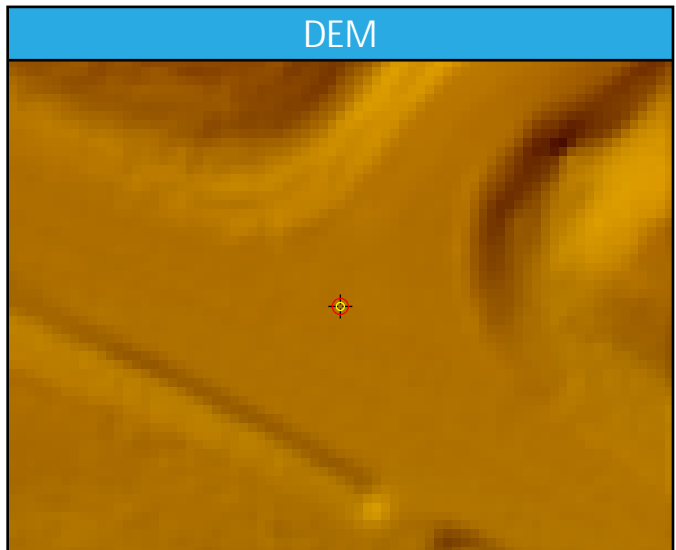
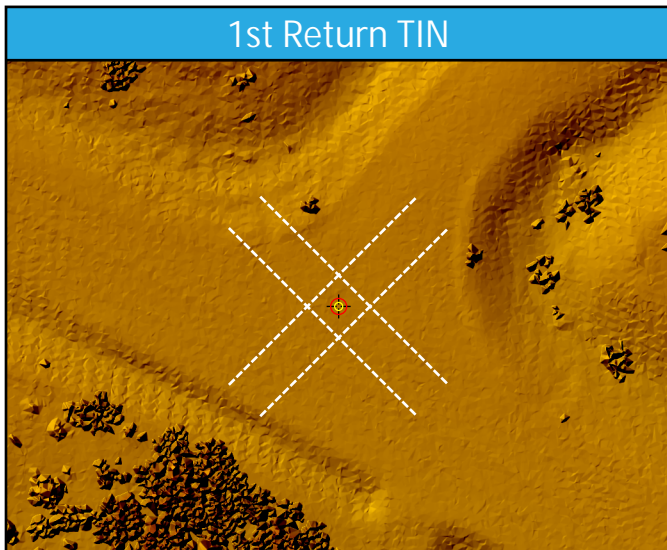
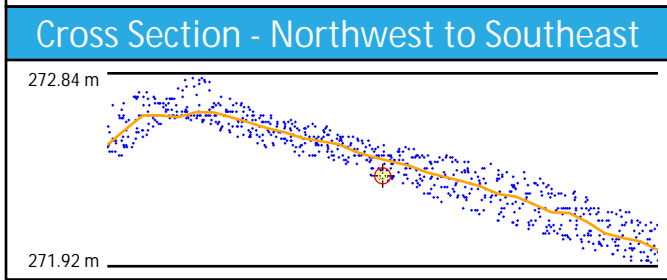
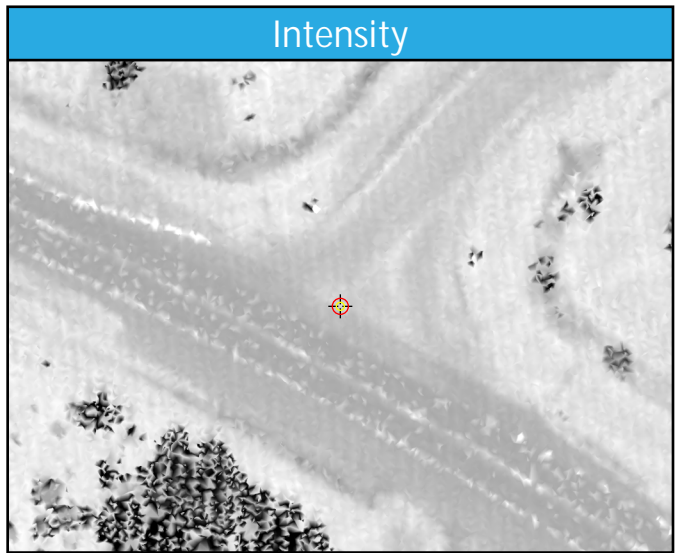
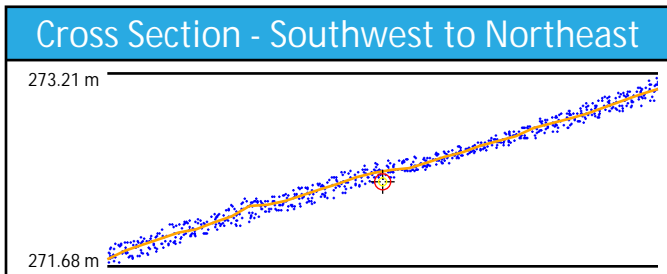
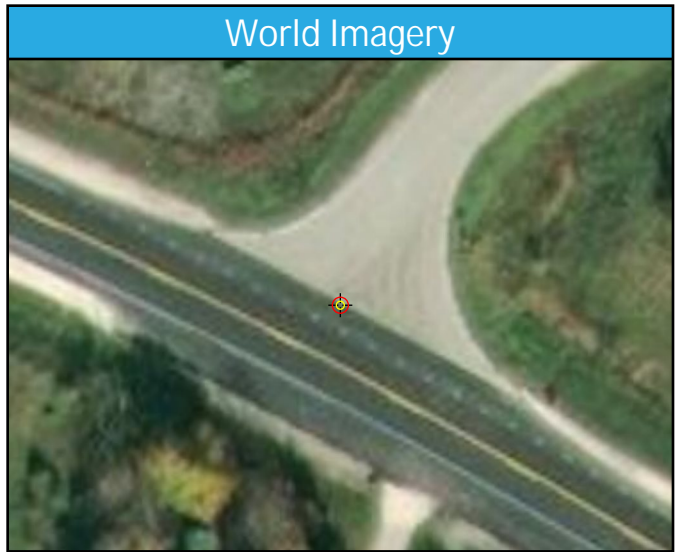
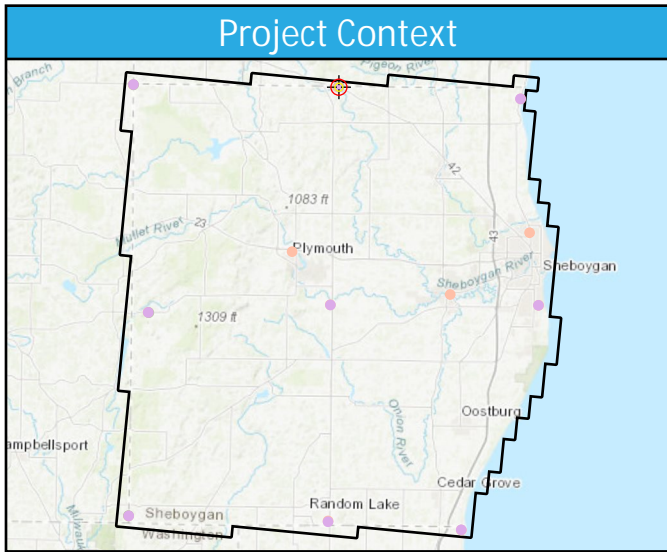


CA106

General	
Name	CA106
Type	CAL
Known Z	272.35 m
DEM Dz	7.76 cm

1st Return	
Dz	8.64 cm
Density	5.13 ppsm
Nearest	0.23 m
Slope	2.63°

Ground	
Dz	8.24 cm
Density	4.42 ppsm
Nearest	0.23 m
Slope	2.63°

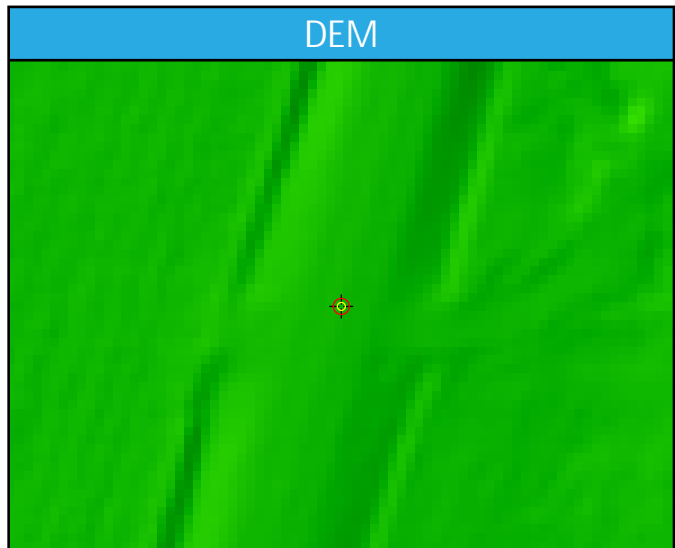
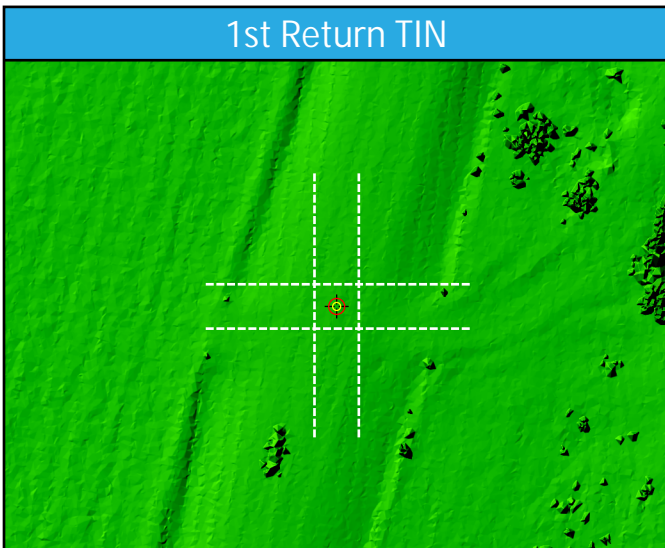
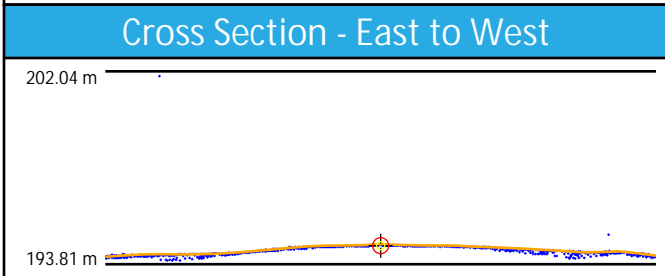
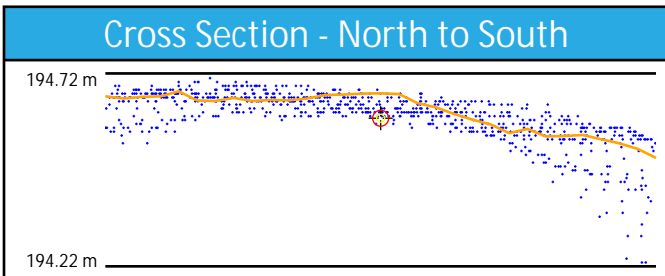
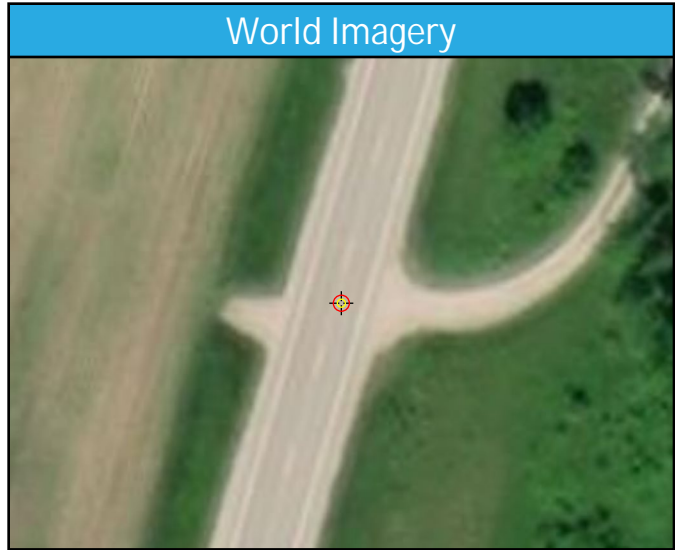
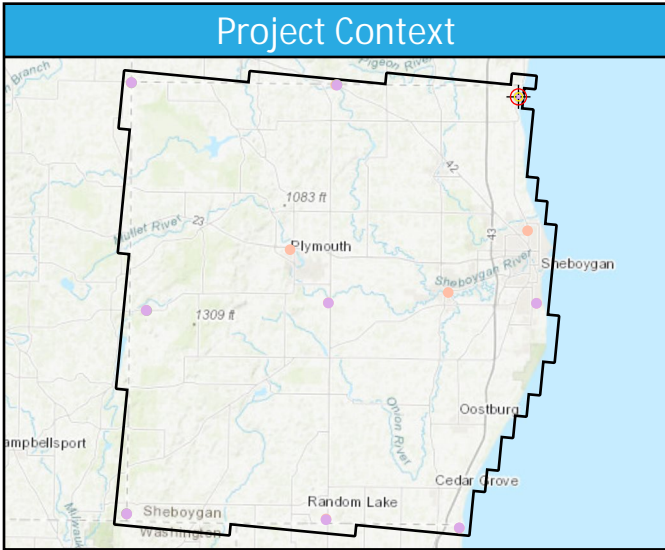


CA107

General	
Name	CA107
Type	CAL
Known Z	194.61 m
DEM Dz	5.17 cm

1st Return	
Dz	6.50 cm
Density	5.38 ppsm
Nearest	0.07 m
Slope	1.15°

Ground	
Dz	6.50 cm
Density	3.68 ppsm
Nearest	0.07 m
Slope	1.15°



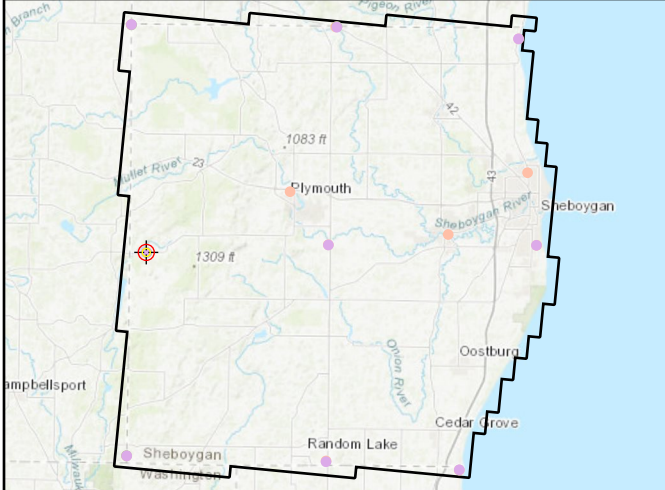
CA108

General	
Name	CA108
Type	CAL
Known Z	323.22 m
DEM Dz	0.65 cm

1st Return	
Dz	1.75 cm
Density	5.41 ppsm
Nearest	0.16 m
Slope	1.01°

Ground	
Dz	1.75 cm
Density	3.36 ppsm
Nearest	0.16 m
Slope	1.01°

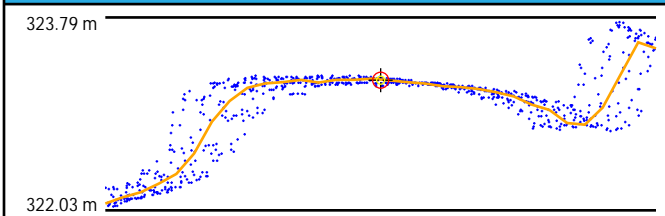
Project Context



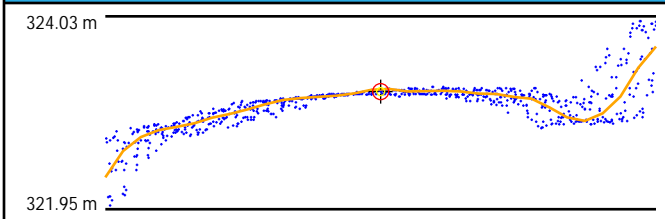
World Imagery



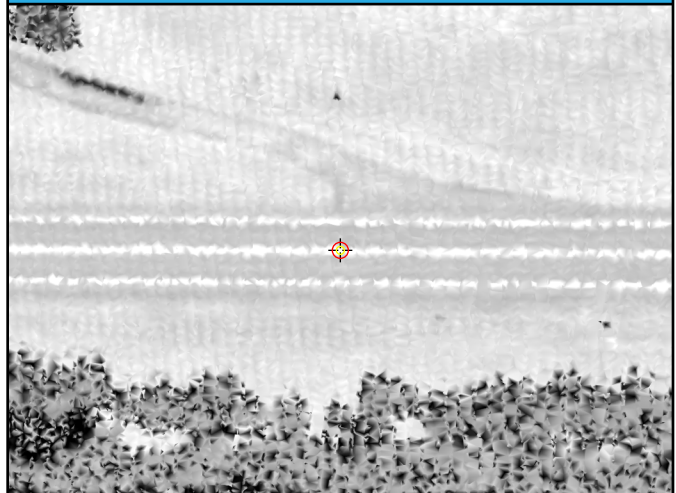
Cross Section - Northwest to Southeast



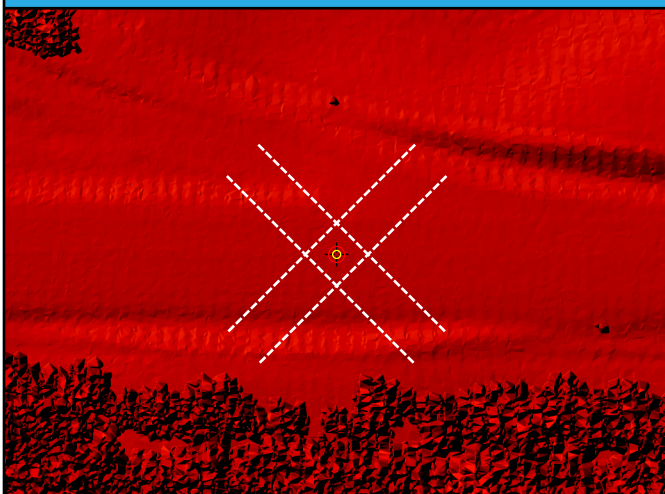
Cross Section - Northeast to Southwest



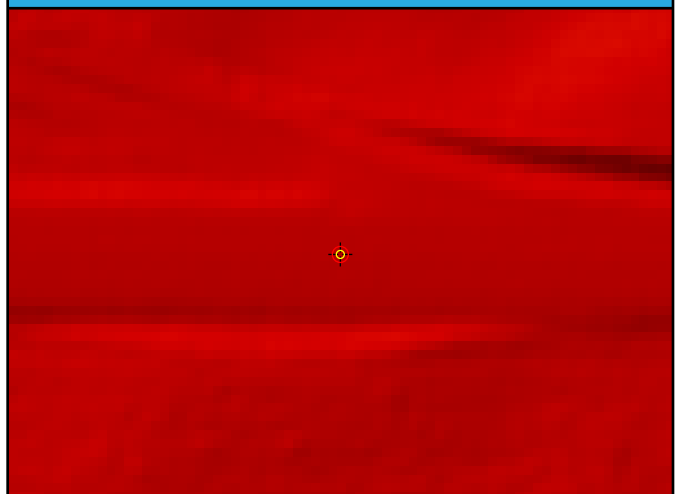
Intensity



1st Return TIN



DEM

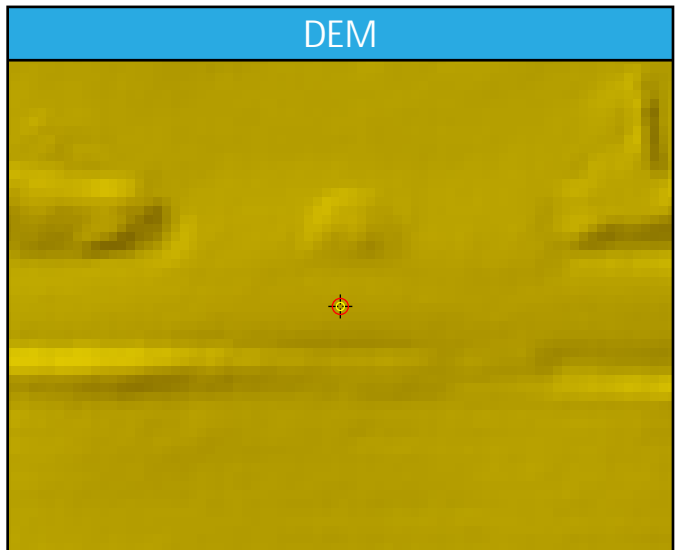
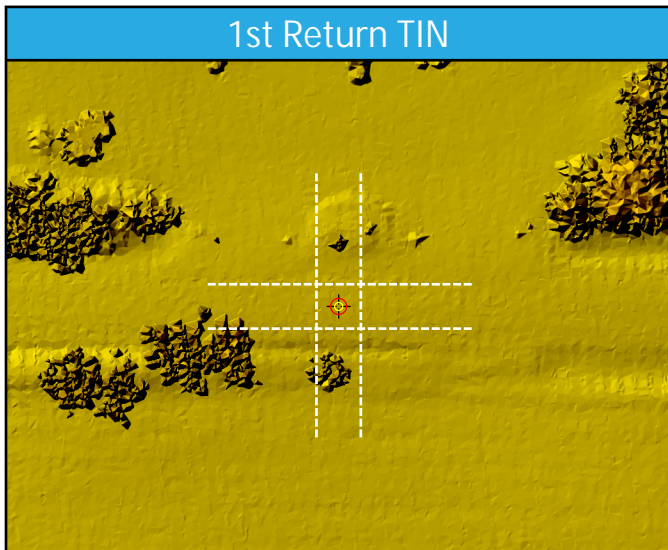
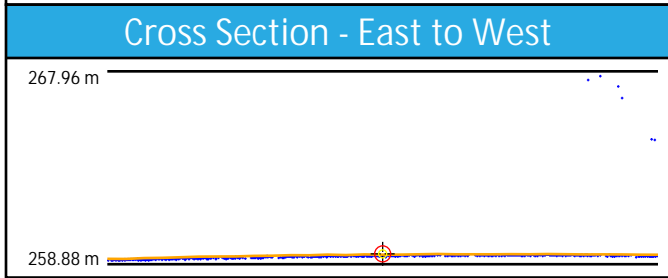
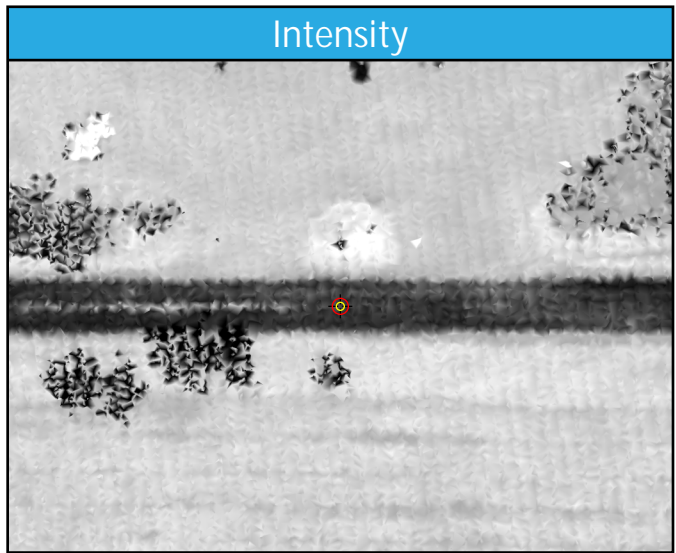
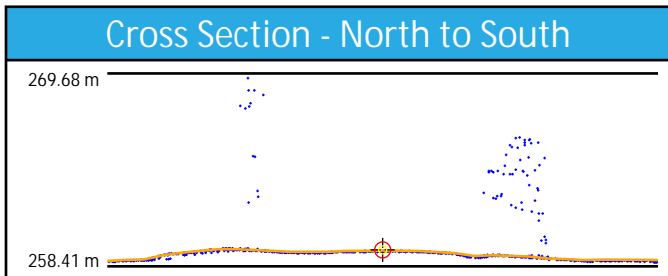
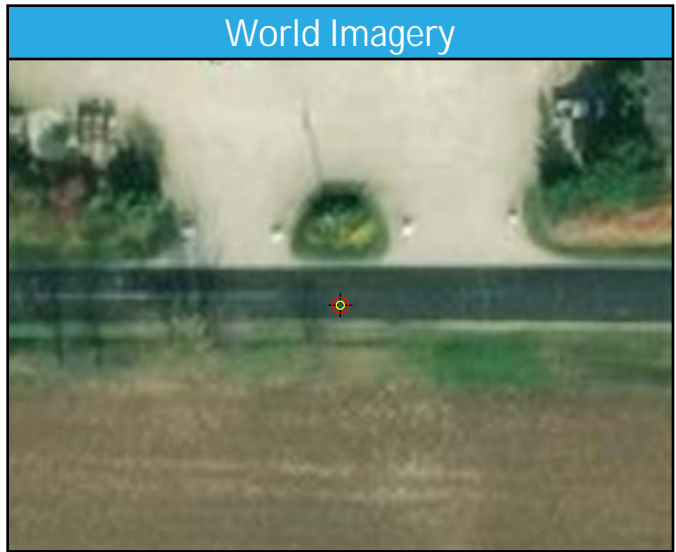
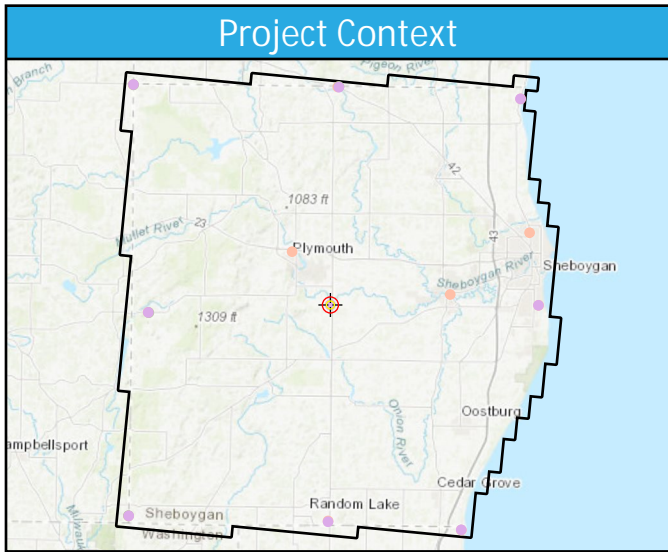


CA109

General	
Name	CA109
Type	CAL
Known Z	259.37 m
DEM Dz	-3.98 cm

1st Return	
Dz	-3.90 cm
Density	4.92 ppsm
Nearest	0.13 m
Slope	2.29°

Ground	
Dz	-3.90 cm
Density	4.03 ppsm
Nearest	0.13 m
Slope	2.29°

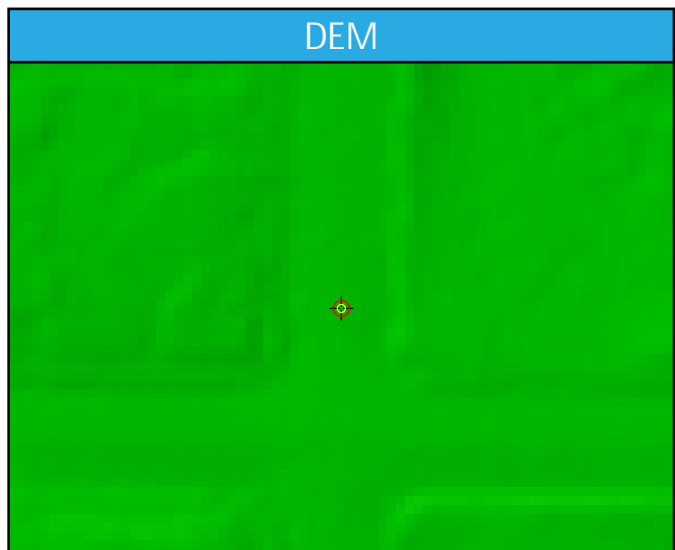
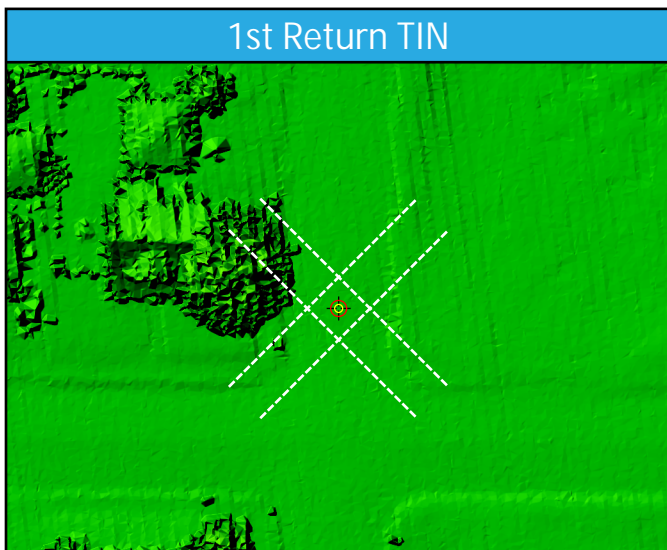
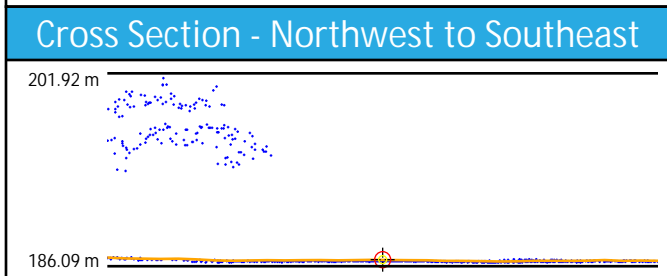
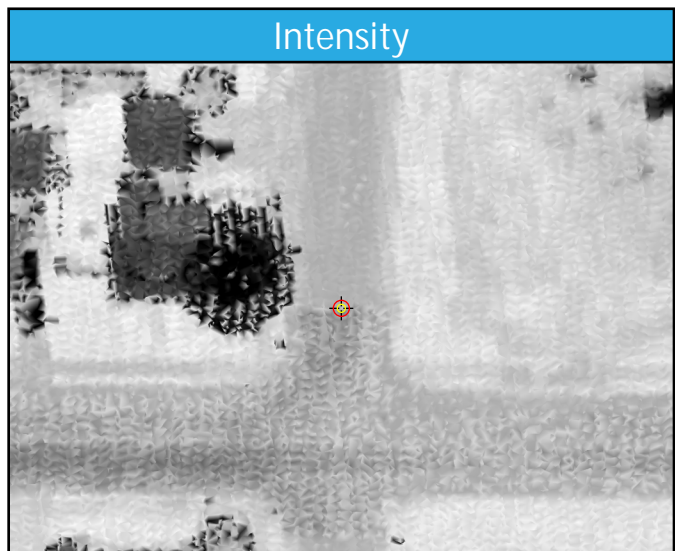
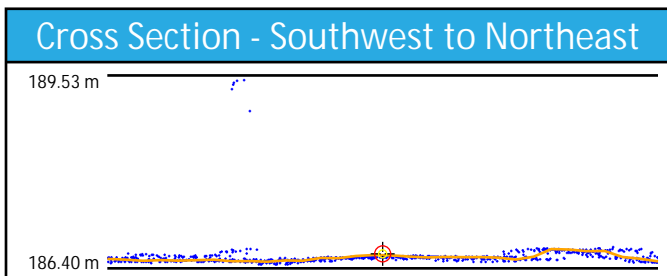
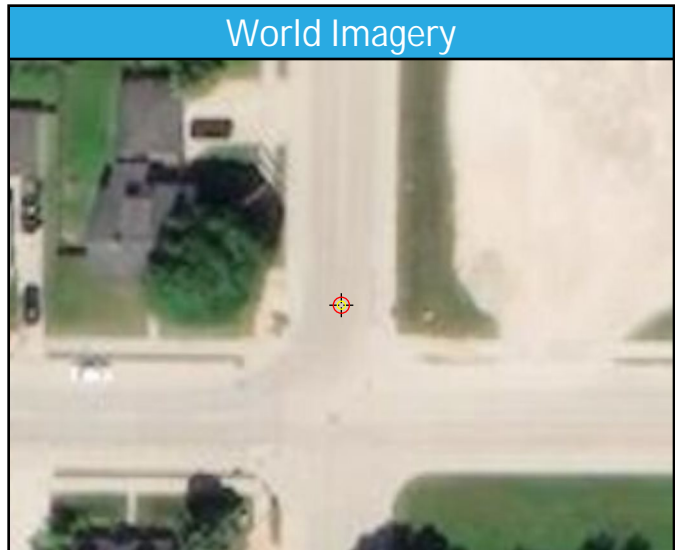
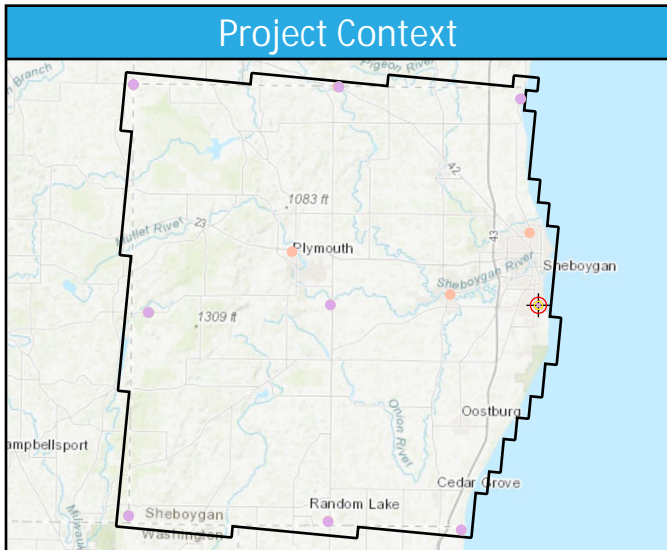


CA110

General	
Name	CA110
Type	CAL
Known Z	186.63 m
DEM Dz	-2.27 cm

1st Return	
Dz	-3.19 cm
Density	5.02 ppsm
Nearest	0.13 m
Slope	1.22°

Ground	
Dz	-2.68 cm
Density	3.68 ppsm
Nearest	0.14 m
Slope	1.22°

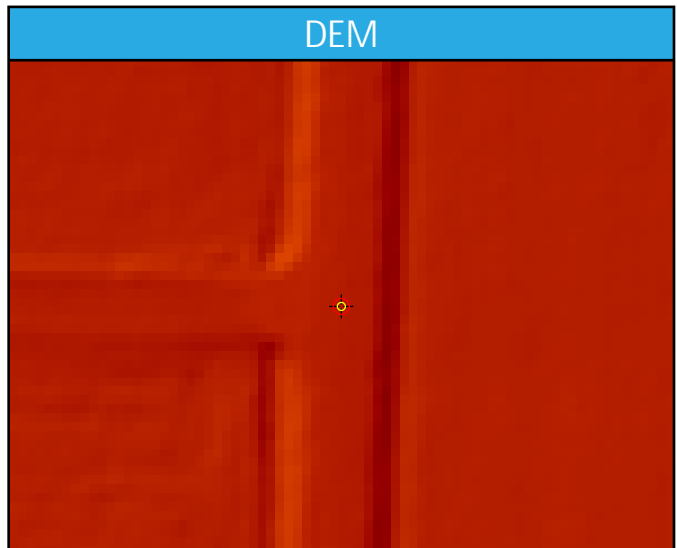
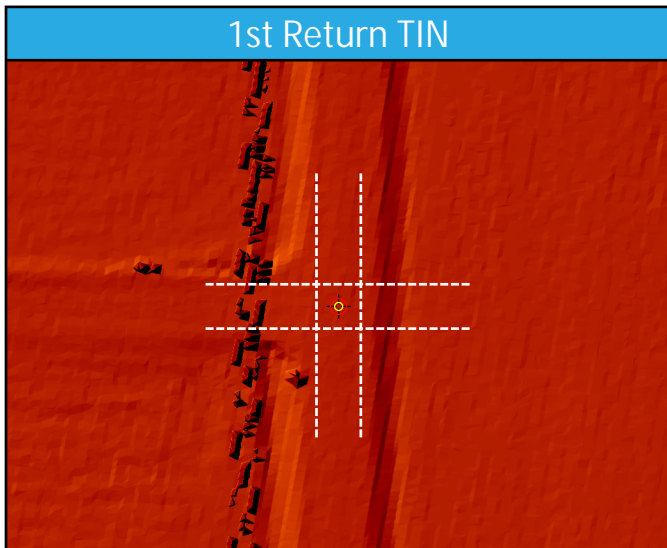
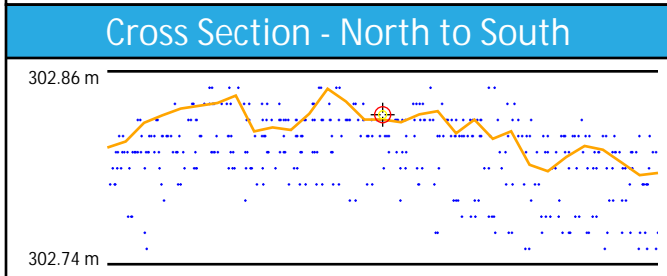
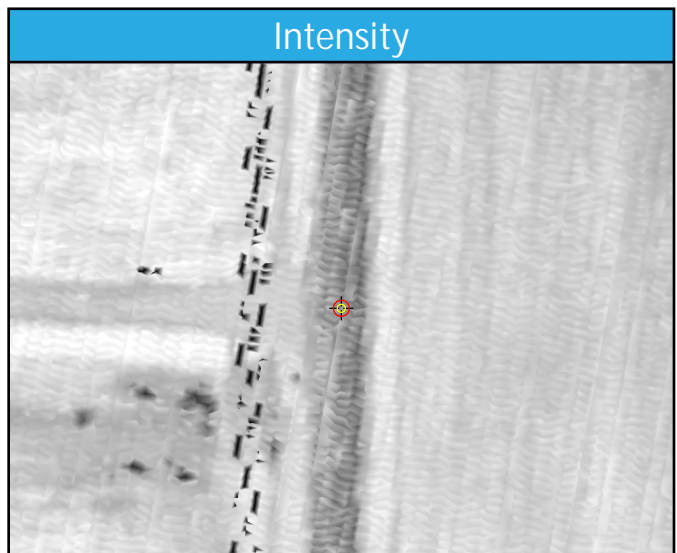
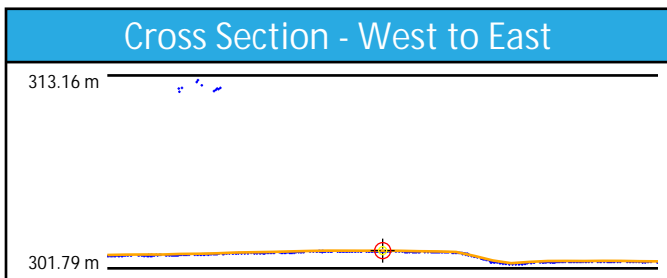
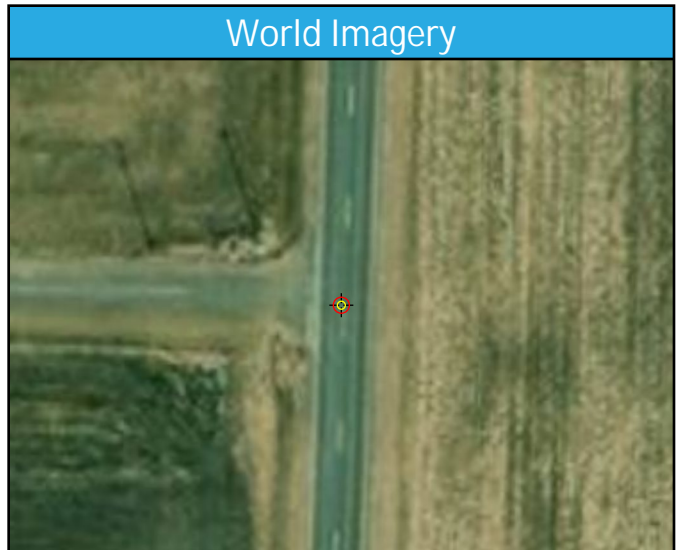
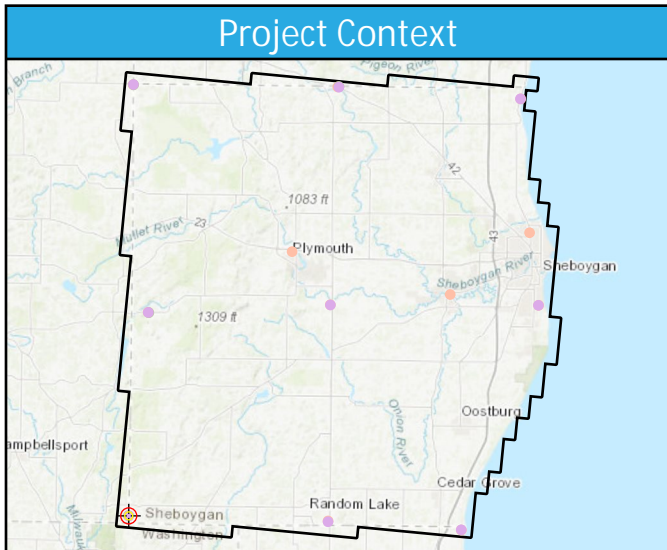


CA111

General	
Name	CA111
Type	CAL
Known Z	302.83 m
DEM Dz	-0.33 cm

1st Return	
Dz	-0.30 cm
Density	2.51 ppsm
Nearest	0.15 m
Slope	1.43°

Ground	
Dz	-0.30 cm
Density	2.44 ppsm
Nearest	0.15 m
Slope	1.43°



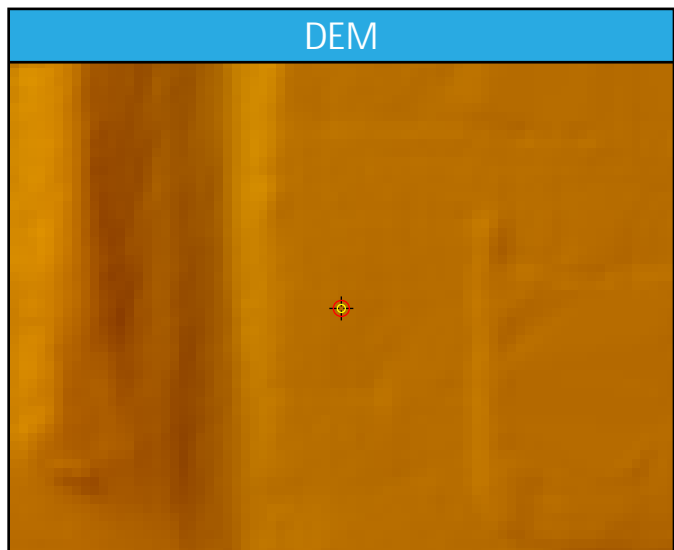
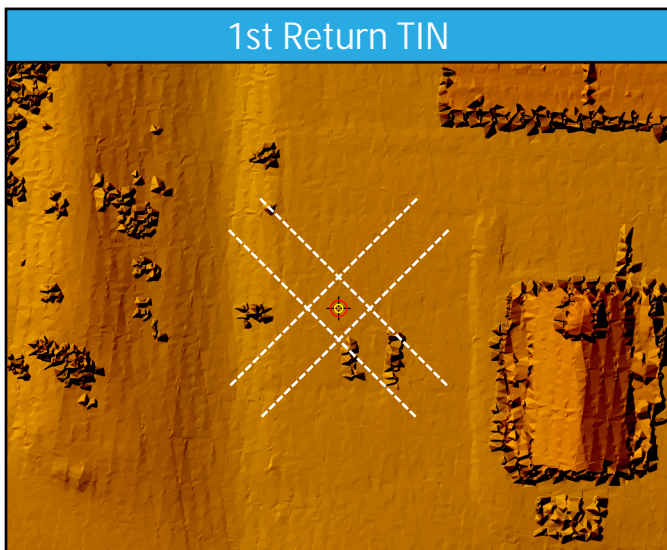
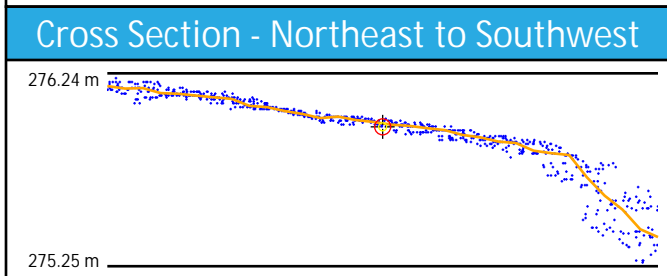
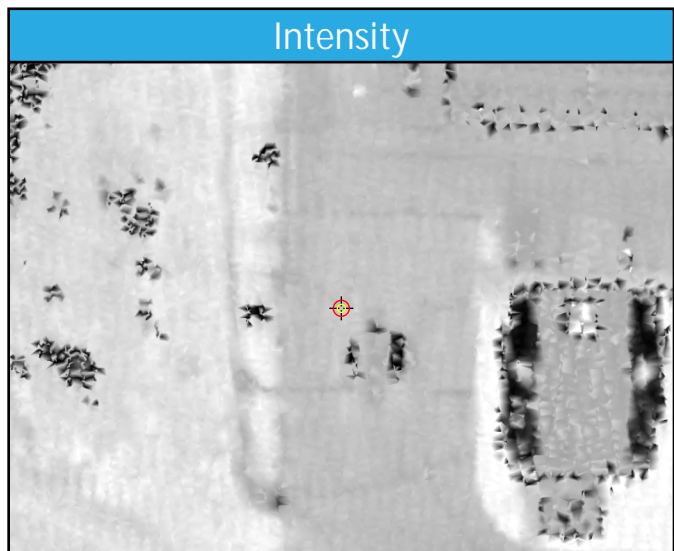
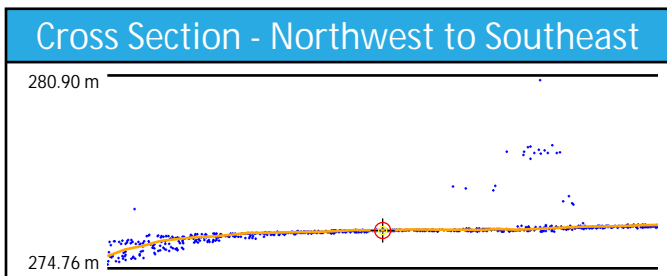
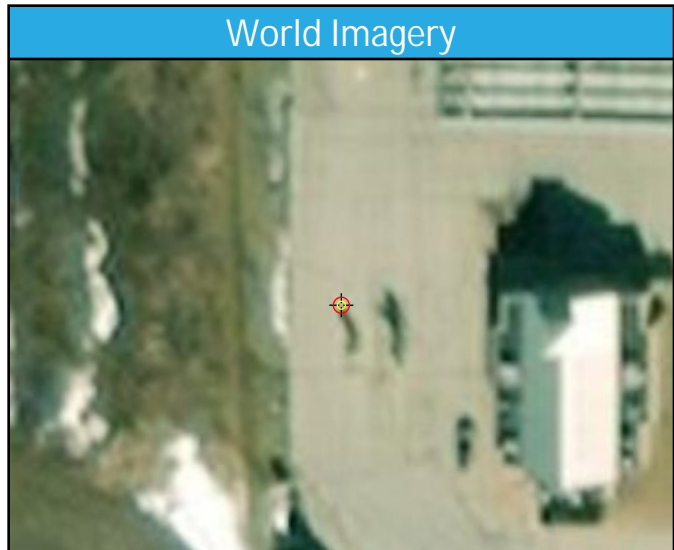
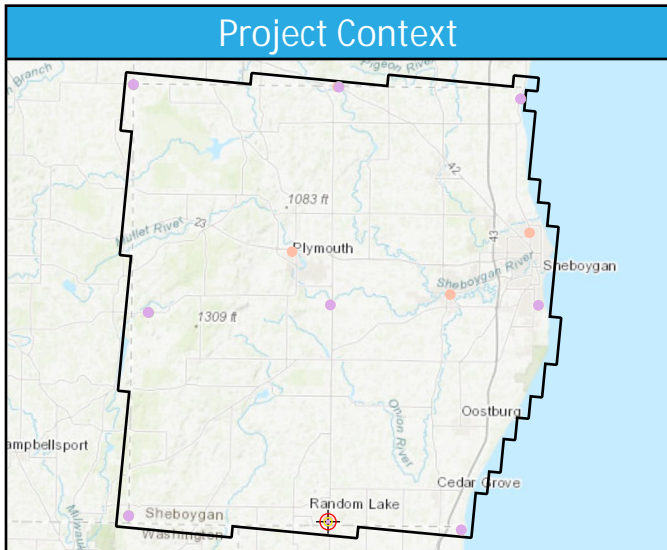
DEM Dz -0.33 cm
CA111 (CAL)
First Return LAS Dz -0.30 cm

CA112

General	
Name	CA112
Type	CAL
Known Z	275.97 m
DEM Dz	1.52 cm

1st Return	
Dz	0.83 cm
Density	5.02 ppsm
Nearest	0.38 m
Slope	1.22°

Ground	
Dz	0.83 cm
Density	4.35 ppsm
Nearest	0.38 m
Slope	1.22°



CA113

General	
Name	CA113
Type	CAL
Known Z	193.20 m
DEM Dz	-5.70 cm

1st Return	
Dz	-6.23 cm
Density	2.94 ppsm
Nearest	0.04 m
Slope	1.72°

Ground	
Dz	-6.23 cm
Density	2.94 ppsm
Nearest	0.04 m
Slope	1.72°

