



EXISTING AND PLANNED CONDITIONS MEMORANDUM

DATE: October 6, 2021

TO: Matt Hermen | Clark County

FROM: Reah Flisakowski, PE and Amanda Deering, PE | DKS Associates

SUBJECT: 179th Street Circulation and Access Management Plan

21088-000

INTRODUCTION

The NE/NW 179th Street corridor in Clark County serves as a primary east-west facility providing access to I-5, rural neighborhoods, planned urban neighborhoods, and the Clark County Amphitheater and Fairgrounds. This circulation and access management plan is focused on the corridor segment from NW 11th Avenue to NE 50th Avenue. The corridor is facing many challenges. The 2,200-acre area surrounding the corridor was recently released from urban holding, which restricted urban density development due to a lack of supporting infrastructure. In the future, this area is expected to experience significant development, creating a large amount of commercial and residential uses. The existing topography creates significant hills and valleys that will need to be adjusted to provide a modern arterial design.

The purpose of this analysis is to provide a cohesive circulation and access management plan for the study corridor to guide future infrastructure improvements including access locations, intersection control and facility cross-section elements. This memorandum documents the existing and future conditions that will inform the development of the 179th Street Circulation and Access Management Plan.

EXISTING CONDITIONS

This section documents existing transportation facilities and characteristics of the study corridor. 179th Street from NW 11th Avenue and NE 50th Avenue is classified as an Urban Principal Arterial by Clark County. The speed limit throughout the corridor is 40 miles per hour (mph). All of the study corridor is paved and provides no bike lanes. Table 1 provides a summary of the existing characteristics for the corridor. In general, the portion of the corridor west of I-5 provides multiple lanes and sidewalk on the south side of the street. The corridor east of I-5 is a rural, two-lane

facility with limited sidewalks. East of I-5, there are a few short segments with separate turn lanes and sidewalks along recently developed parcels.

TABLE 1: 179TH STREET EXISTING TRANSPORTATION CHARACTERISTICS

SEGMENT START	SEGMENT END	NUMBER OF LANES (EB/WB/CENTER)	LANE WIDTH (FT)	AVERAGE SHOULDER WIDTH (FT)	SIDEWALK NORTH	SIDEWALK SOUTH
NW 11 TH AVE	NE 10 TH AVE S	2 (1/1/0)	11	0	No	Partial
NE 10 TH AVE S	DEL FEL RD S	4 (2/1/1)	11	3	No	Yes
DEL FEL RD S	I-5 SB RAMP	5 (2/2/1)	11	6	No	Partial
I-5 SB RAMP	UNION RD	4 (1/2/1)	11	0 ^A	Partial	No
UNION RD	50 TH AVE	2 (1/1/0)	11	0	No	Partial

^A does include a few short sections with partial shoulder

INTERSECTION CONTROL

This section documents each public intersection along the study corridor. Table 2 summarizes the major street, minor street, and intersection control type.

TABLE 2: EXISTING INTERSECTION CONTROLS

MAJOR STREET	MINOR STREET	INTERSECTION CONTROL TYPE
NW 179 TH STREET	NW 11 th Avenue	2-way stop control (NB and SB)
	NE 10 th Avenue South	1-way stop control (NB)
	NE 2 nd Avenue	1-way stop control (NB)
	NE Delfel Road South	Signalized
	NE Delfel Road North	1-way stop control (SB)
	I-5 SB On/Off Ramp	Signalized
NE 179 TH STREET	I-5 NB Off Ramp and NE 10 th Avenue	Signalized
	NE Union Road	1-way stop control (NB)
	NE 15 th Avenue	Signalized
	NE 26 th Avenue	1-way stop control (NB)
	NE 29 th Avenue	all-way stop control
	NE 50 th Avenue	all-way stop control

APPROVED DEVELOPMENT

Clark County has several approved and pending developments that would impact access and traffic conditions on 179th Street. A list of approved and pending developments, as of September 9th, 2021, were provided by the County and are shown in Table 3 including the access location and weekday evening peak hour trips for each development.

TABLE 3: APPROVED DEVELOPMENTS

DEVELOPMENT	ACCESS LOCATION	PM PEAK HOUR TRIPS
APPROVED		
NE 179 TH STREET APARTMENTS - WEST	1932 NE 179 th Street	70
NORTH HAVEN PUD	NW 11 th Avenue	293
ABLE FENCE HEADQUARTERS	NE 10 th Avenue (north)	14
WOODBROOK PUD (AKA MILL CREEK PUD)	NE 39 th Avenue, NE 45 th Avenue, NE 187 th Avenue	657
M&H SUBDIVISION DEVELOPMENT	NE 50 th Avenue	98
MARION'S CARPET WAREHOUSE	NE Delfel Road (south)	16
SUMMIT BODY & EQUIPMENT	NE 10 th Avenue (south)	46
APPROVED SUBTOTAL		1,194
PENDING		
THREE CREEKS MIXED-USE DEVELOPMENT	NE 12 th Avenue, NE 15 th Avenue	1,162
NE 179 TH STREET APARTMENTS - EAST	NE 179 th Street, west of NE 17 th Avenue	55
PENDING SUBTOTAL		1,217
TOTAL		2,411

Some developments have been allowed temporary direct access onto 179th Street. Once a development has a new access option from a future collector or arterial facility, the direct access onto 179th Street will likely be restricted or removed. This applies to 179th Street Apartments east and west.

COLLISION SUMMARY

To evaluate safety along the corridor, the most recent five years (2015-2019) of collision records at the study intersection was obtained from WSDOT¹. Table 4 summarizes the collision data by intersection, while Table 5 provides a summary for the segment crashes and the whole corridor. Detailed information can be found in the Appendix.

There were 45 crashes observed at intersections and 19 crashes along the rest of the corridor, for a total of 64 crashes. The most common collision type is angle, followed by turning collisions. While no fatalities occurred, one serious injury was sustained at 179th Street/I-5 SB off ramp-10th Avenue. There was also one injury sustained from a vehicle hitting a bicyclist at 179th Street/NW 11th Avenue. This was the only collision involving bicyclists or pedestrians along the corridor.

¹ Under 23 U.S. Code § 148 and 23 U.S. Code § 409, safety data, reports, surveys, schedules, lists compiled or collected for the purpose of identifying, evaluating, or planning the safety enhancement of potential crash sites, hazardous roadway conditions, or railway-highway crossings are not subject to discovery or admitted into evidence in a Federal or State court proceeding or considered for other purposes in any action for damages arising from any occurrence at a location mentioned or addressed in such reports, surveys, schedules, lists, or data.

TABLE 4: INTERSECTION COLLISION STATISTICS (2015-2019)

INTERSECTION	COLLISION TYPE					SEVERITY		
	ANGLE	REAR END	TURNING	SIDE-SWIPE	OTHER ^A	SEVERE INJURY	OTHER INJURY	PDO ^B
179 TH ST & NW 11 TH AVE	11	1	0	0	1	0	11	2
179 TH ST & DELFEL RD NORTH LEG	1	0	0	0	0	0	0	1
179 TH ST & I-5 SB RAMP	0	0	0	2	0	0	1	1
179 TH ST & I-5 NB ON RAMP	0	0	2	0	0	0	2	0
179 TH ST & I5 NB OFF RAMP/10 TH AVE	2	0	0	1	0	1	1	1
179 TH ST & UNION RD	0	1	0	0	1	0	2	0
179 TH ST & NE 15 TH AVE	0	3	5	0	0	0	3	5
179 TH ST & NE 26 TH AVE	1	0	0	0	0	0	1	0
179 TH ST & NE 29 TH AVE	9	0	0	0	0	0	5	4
179 TH ST & NE 34 TH AVE	0	0	0	0	1	0	1	0
179 TH ST & NE 50 TH AVE	1	0	0	0	2	0	1	2
TOTAL	25	5	7	3	5	1	28	16

^A Other crashes includes collisions involving only 1 motor vehicle, such as fixed-object collisions

^B Property Damage Only

TABLE 5: SEGMENT COLLISION STATISTICS (2015-2019)

LOCATION	COLLISION TYPE					SEVERITY		
	ANGLE	REAR END	TURNING	SIDE-SWIPE	OTHER	SEVERE INJURY	OTHER INJURY	PDO
179 TH ST (NOT INCLUDING INTERSECTIONS)	1	3	3	2	10	0	7	12
179 TH ST (INCLUDING INTERSECTIONS)	26	8	10	5	15	1	35	28

In addition to the tabular summary, Figure 1 shows a cluster map of the collision data distributed along the corridor. Consistent with Table 4, the highest number of collisions occurred at NW 11th Avenue, NE 15th Avenue and NE 29th Avenue.

FIGURE 1: COLLISION CLUSTER MAP



● - ● 1-13 collisions

EXISTING CONDITIONS CORRIDOR MAPS

This section presents mapped existing conditions including public streets, zoning, tax lot parcels, environmental constraints, topography, and access locations. These mapped corridor conditions will be used in the next stage of the planning process to identify conflicts and constraints in the future along the 179th Street corridor.

The best way to access the maps and review the information is from an interactive online GIS platform located at this address: <https://arcg.is/0C8fvu>. The online format allows the reviewer to select the layers of information shown and zoom in and out to the parcel level.

Screenshots of the maps with various layers turned on are also included with this memo. Figures 2A-2C show the existing driveways, zoning, and taxlots and Figures 3A-3C show the existing driveways, wetlands, and topography. Each existing driveway along the corridor is shown with an ID label. Segment A represents the west portion of the corridor (NW 15th Avenue to NE 15th Avenue), segment B represents the center portion of the corridor (NE 15th Avenue to NE 29th Avenue) and segment C represents the east portion of the corridor (NE 29th Avenue to NE 50th Avenue).

PLANNED CONDITIONS

The 179th Street corridor is designated as an Urban Principal Arterial and planned to be improved to provide two travel lanes in each direction, a center turn lane or raised median, bicycle lanes, a detached sidewalk on one side of the street and curb tight sidewalk on the other side of the street within a 100-foot right-of-way (72-foot curb-to-curb). The section of NE 179th Street from NE 15th Avenue to NE 50th Avenue will differ slightly to serve the adjacent residential land. This section will have two travel lanes in both directions, center turn lane, and a 10-foot multi-use path on both sides. The 179th Street intersections at NE 29th Avenue and NE 50th Avenue are planned to operate as a single-lane roundabout initially, expanding to a two-lane roundabout in the future ultimate build as needed.

FUTURE CONDITIONS CORRIDOR MAPS

This section presents mapped future conditions to identify potential conflicts and constraints along the 179th Street corridor. This includes a sight distance layer that highlights corridor segments with deficient sight distance. The maps are available on an interactive online GIS platform located at this address: <https://arcg.is/0C8fvu>.

The screenshot maps in Figures 4A-4C add several layers to the mapped existing conditions in the previous section. The additional information includes the planned future connections from the Arterial Atlas (red = Urban Principal Arterial, purple = Urban Minor Arterial, pink = Urban Collector, green = Rural Minor Collector). The maps also highlight potential constraints and conflicts due to wetlands, water crossings, culverts and existing structures and buildings.

Each driveway was evaluated by comparing the existing elevation to the proposed roadway profile elevation to determine the difference, as shown in Figure 5. The estimated elevation difference symbols are also shown in Figures 4A-4C.

FIGURE 2A: EXISTING DRIVEWAYS, ZONING, AND TAXLOTS

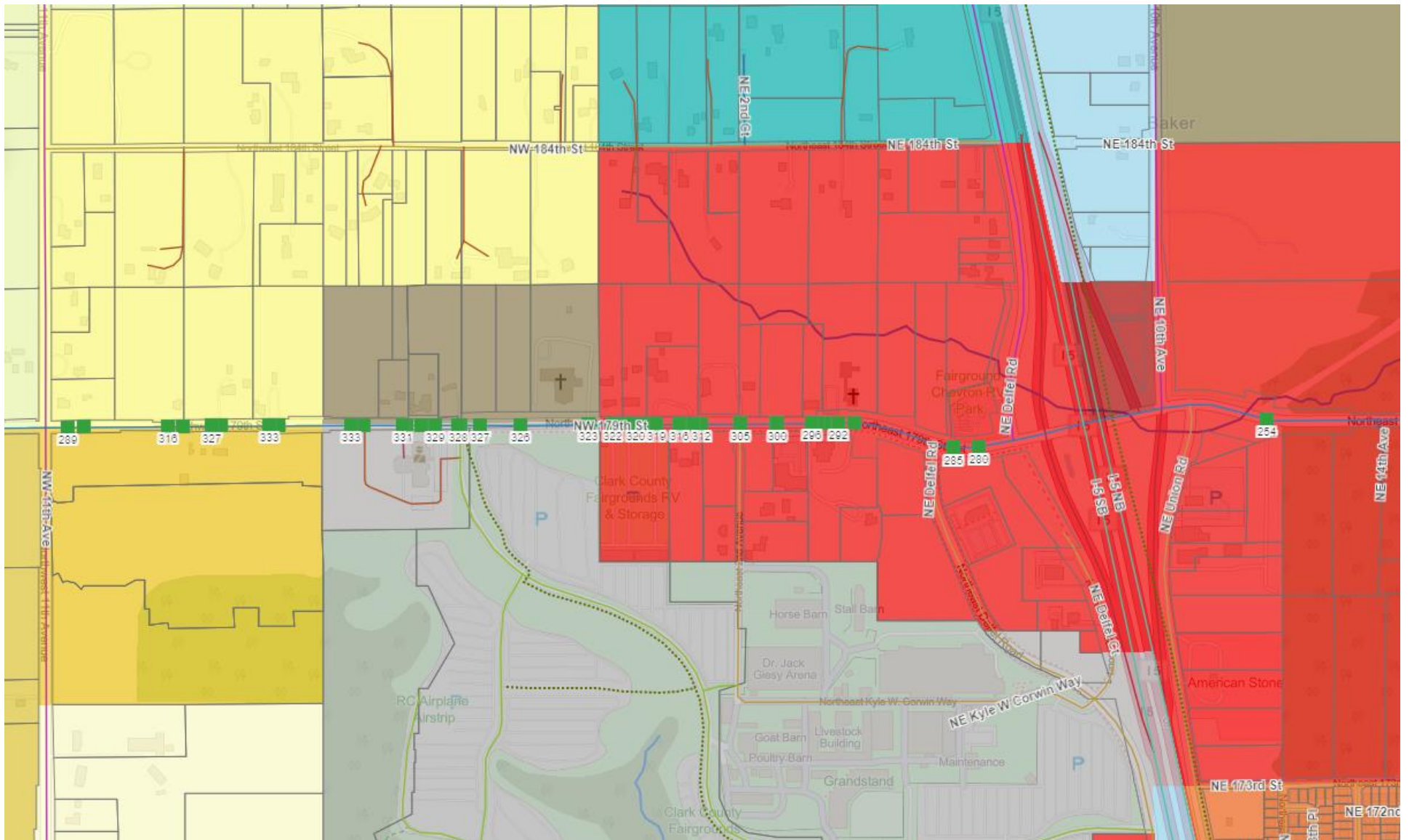


FIGURE 2B: EXISTING DRIVEWAYS, ZONING, AND TAXLOTS

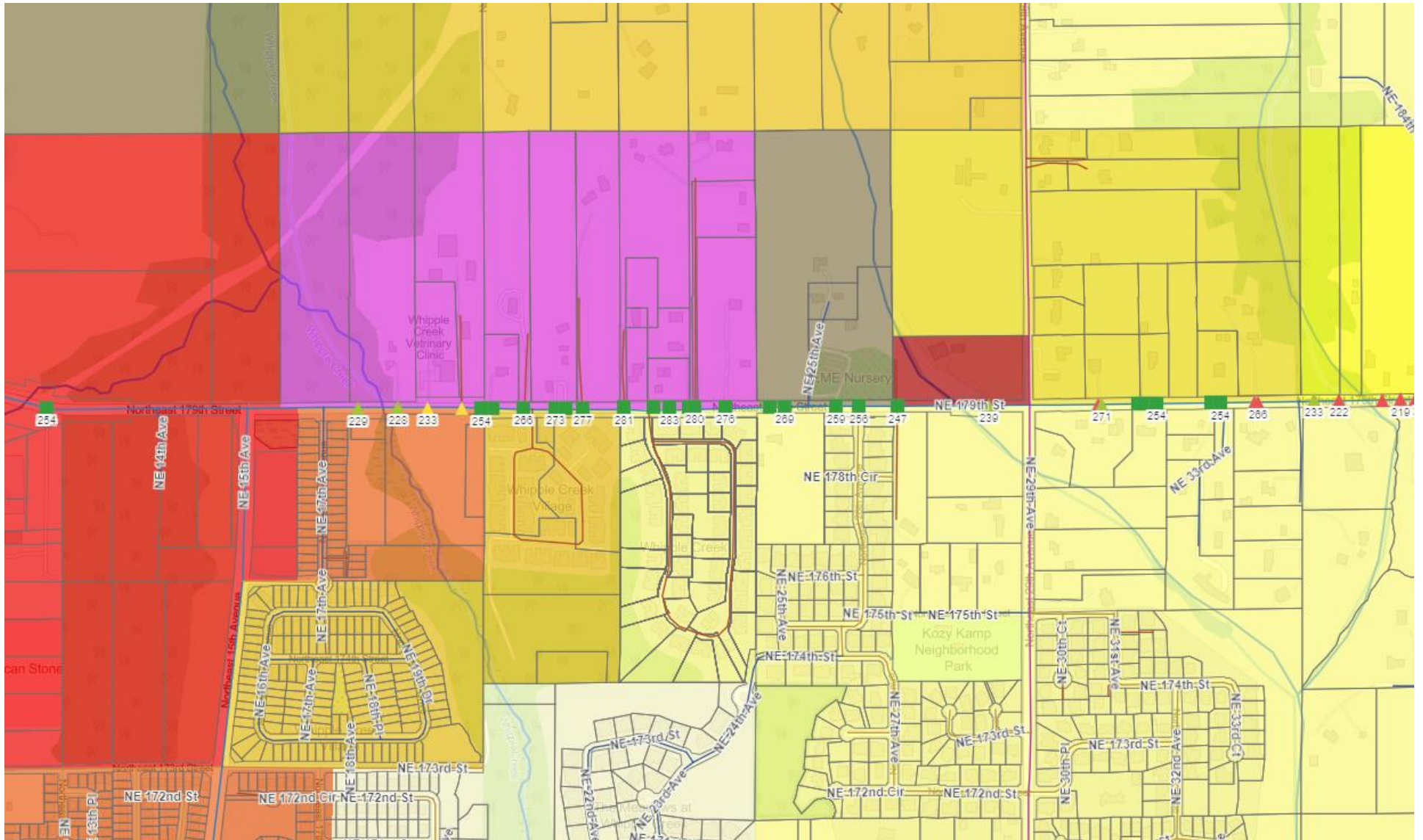


FIGURE 2C: EXISTING DRIVEWAYS, ZONING, AND TAXLOTS

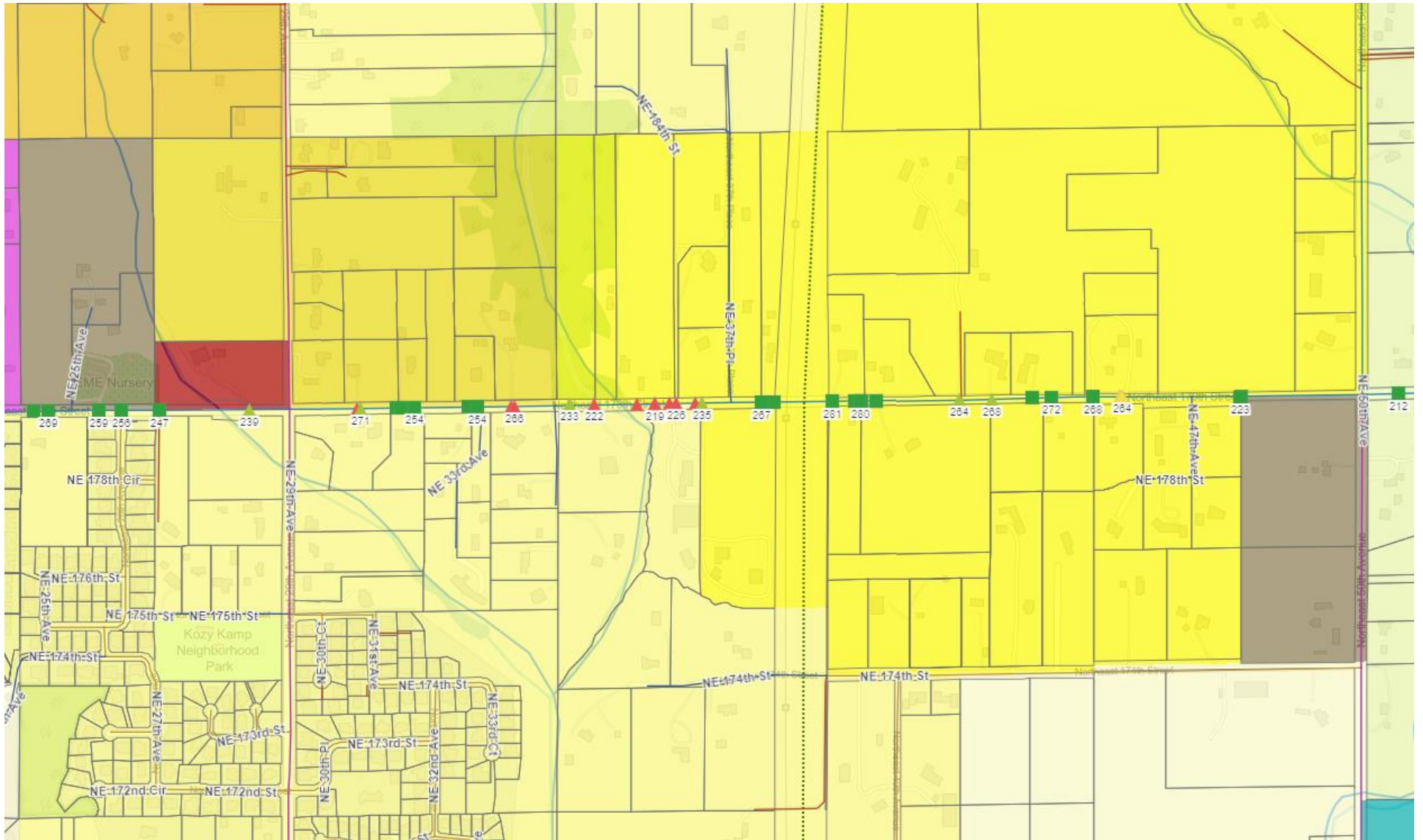


FIGURE 3A: EXISTING DRIVEWAYS, WETLANDS, AND TOPOGRAPHY

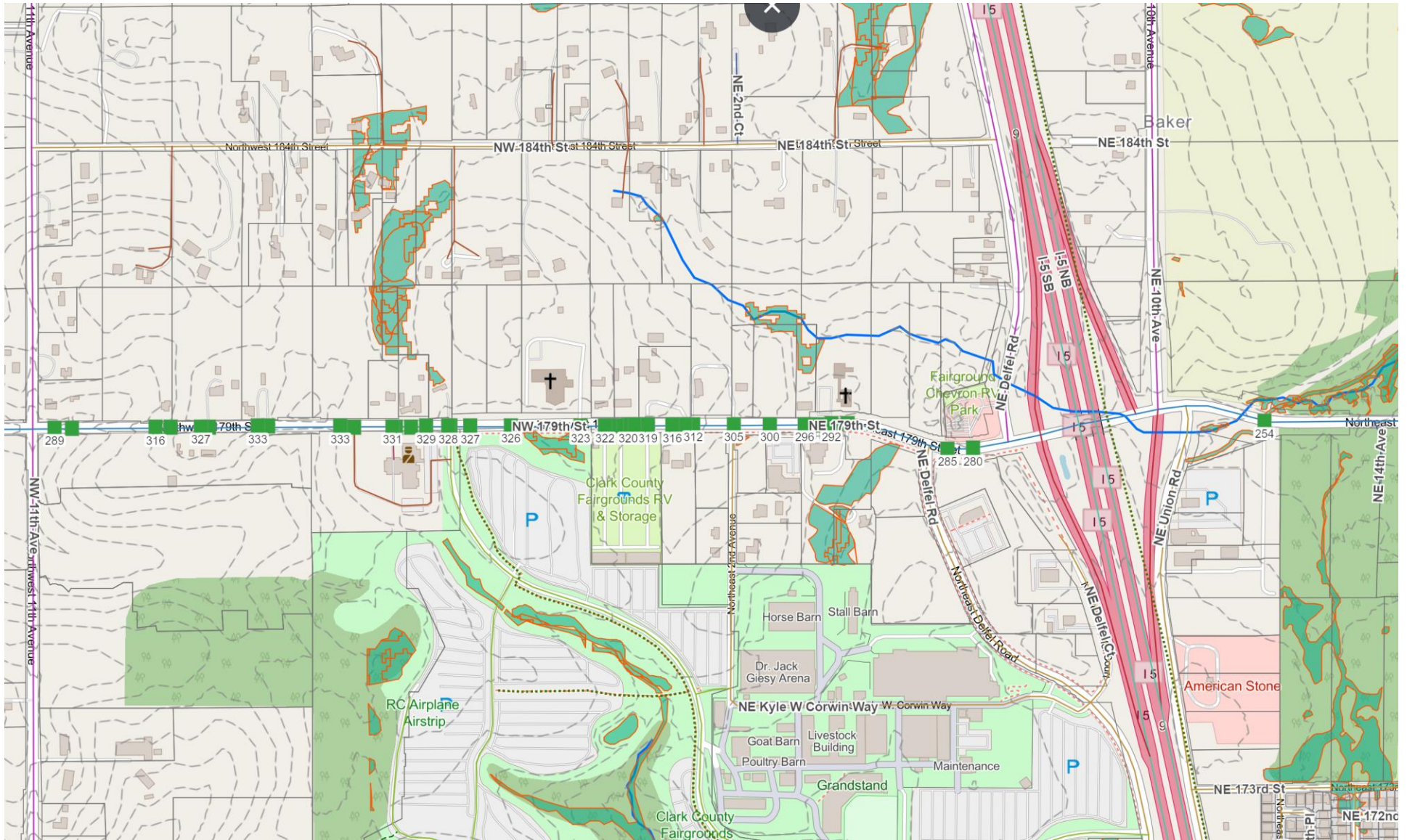


FIGURE 3B: EXISTING DRIVEWAYS, WETLANDS, AND TOPOGRAPHY

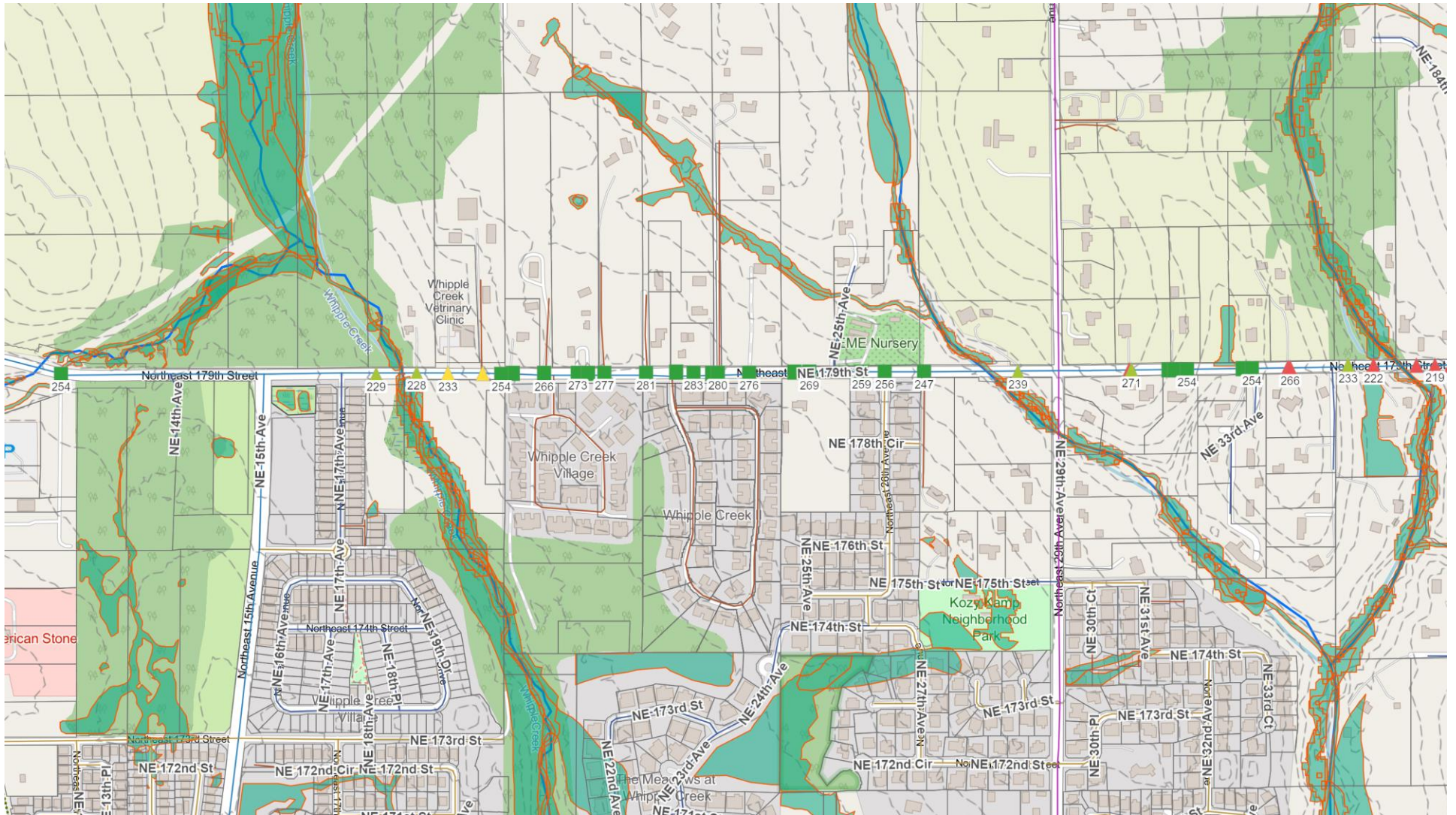


FIGURE 3C: EXISTING DRIVEWAYS, WETLANDS, AND TOPOGRAPHY

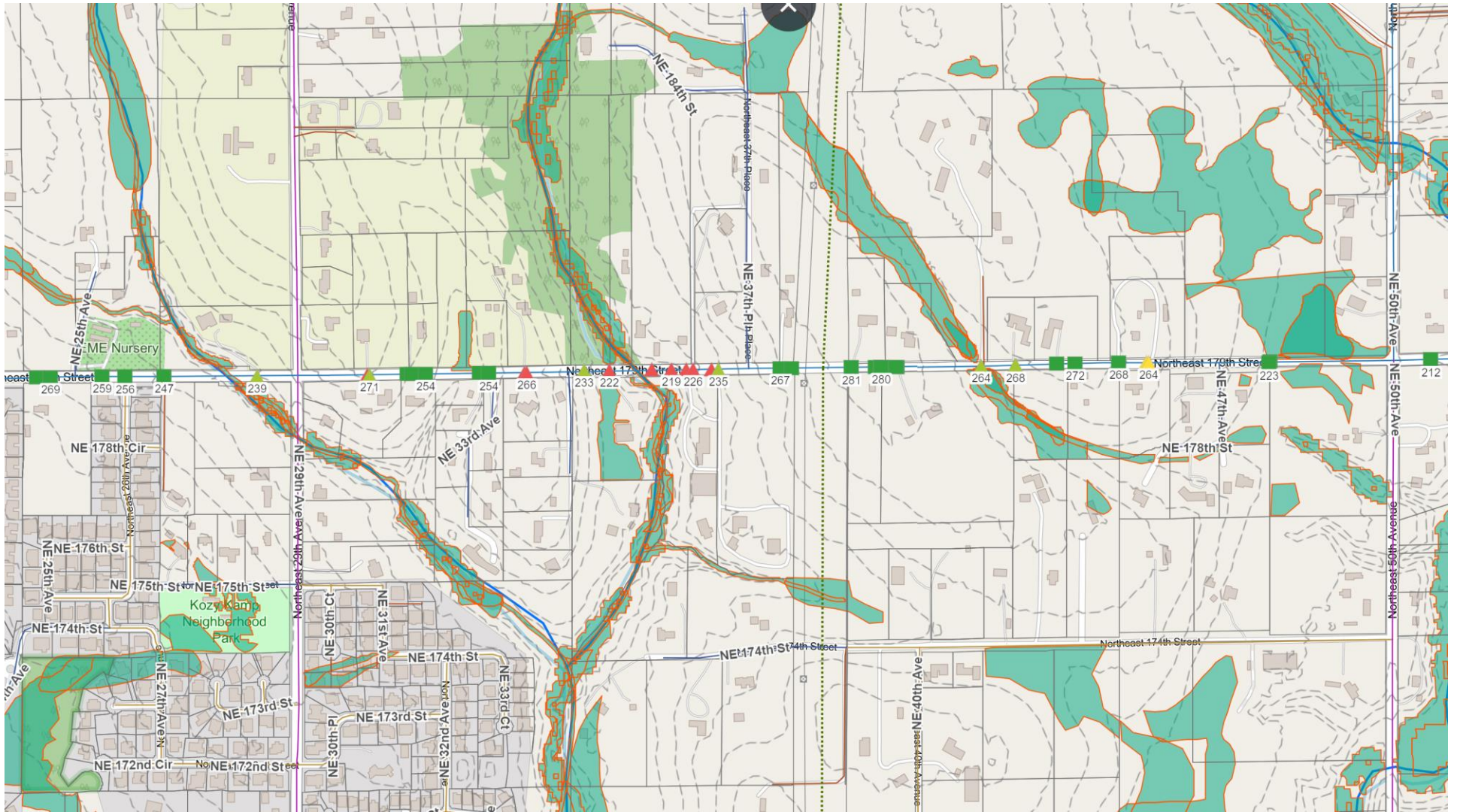


FIGURE 4A: EXISTING DRIVEWAYS, WETLANDS, AND ARTERIAL ATLAS

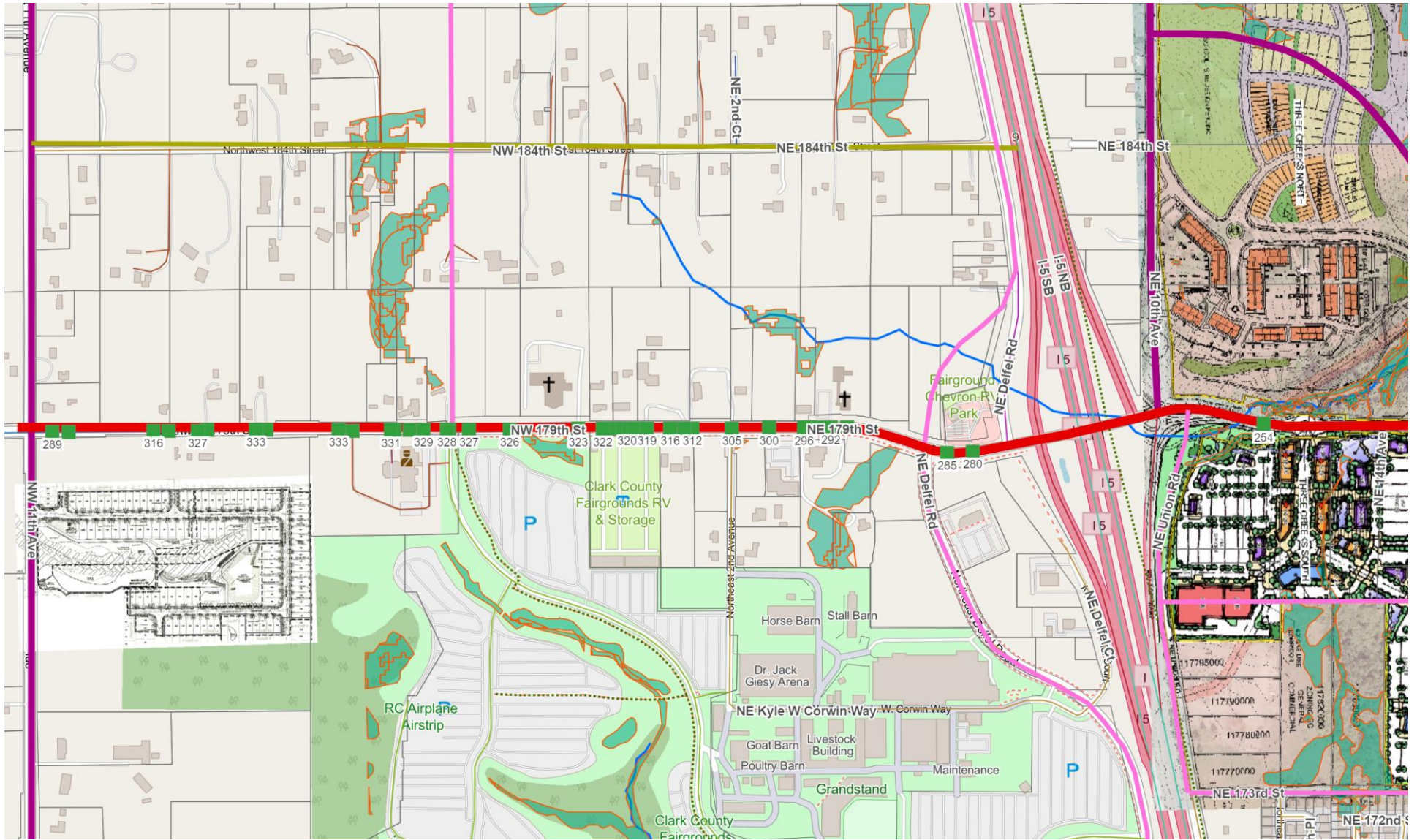


FIGURE 4B: EXISTING DRIVEWAYS, WETLANDS, AND ARTERIAL ATLAS

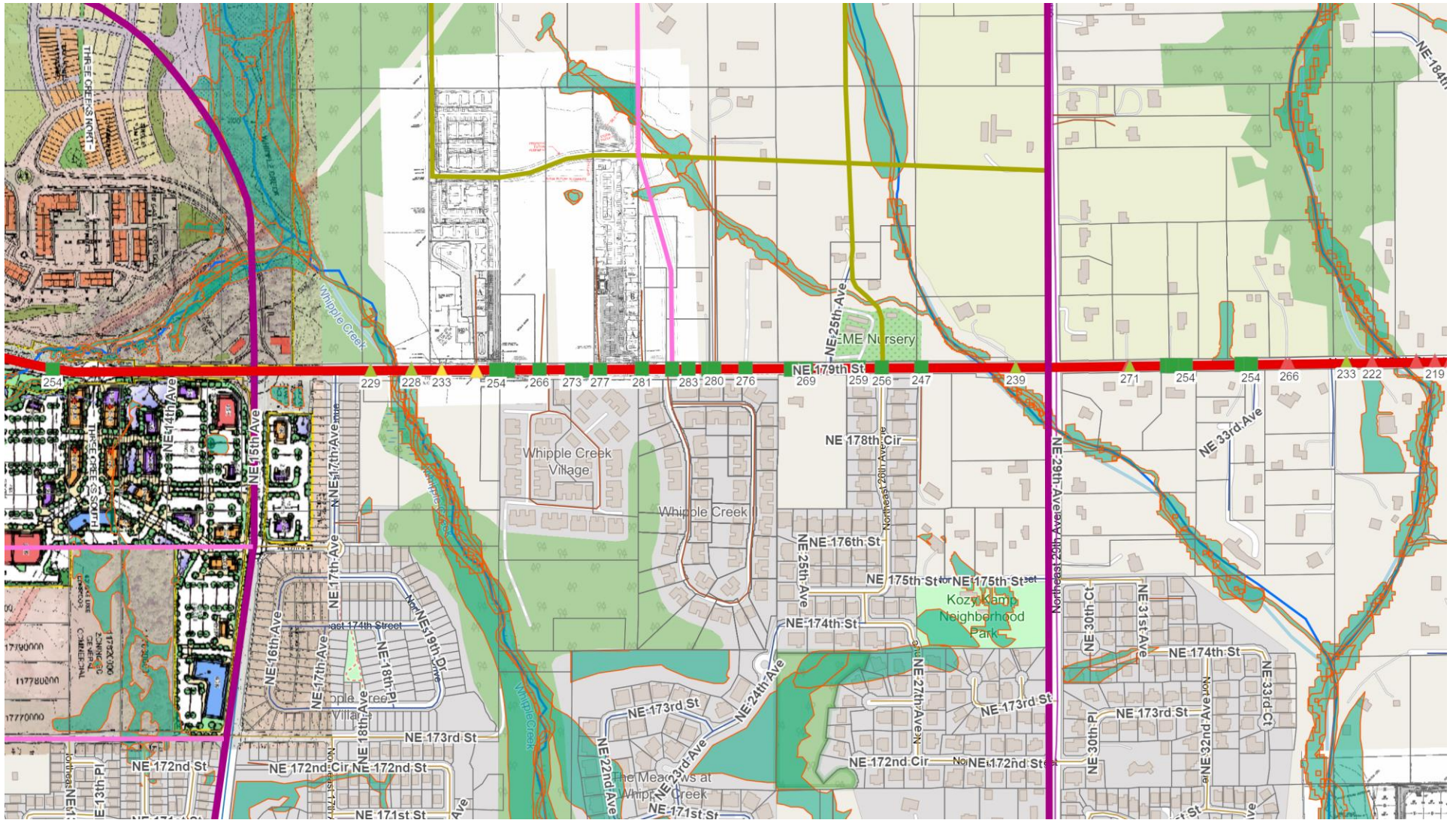


FIGURE 4C: EXISTING DRIVEWAYS, WETLANDS, AND ARTERIAL ATLAS

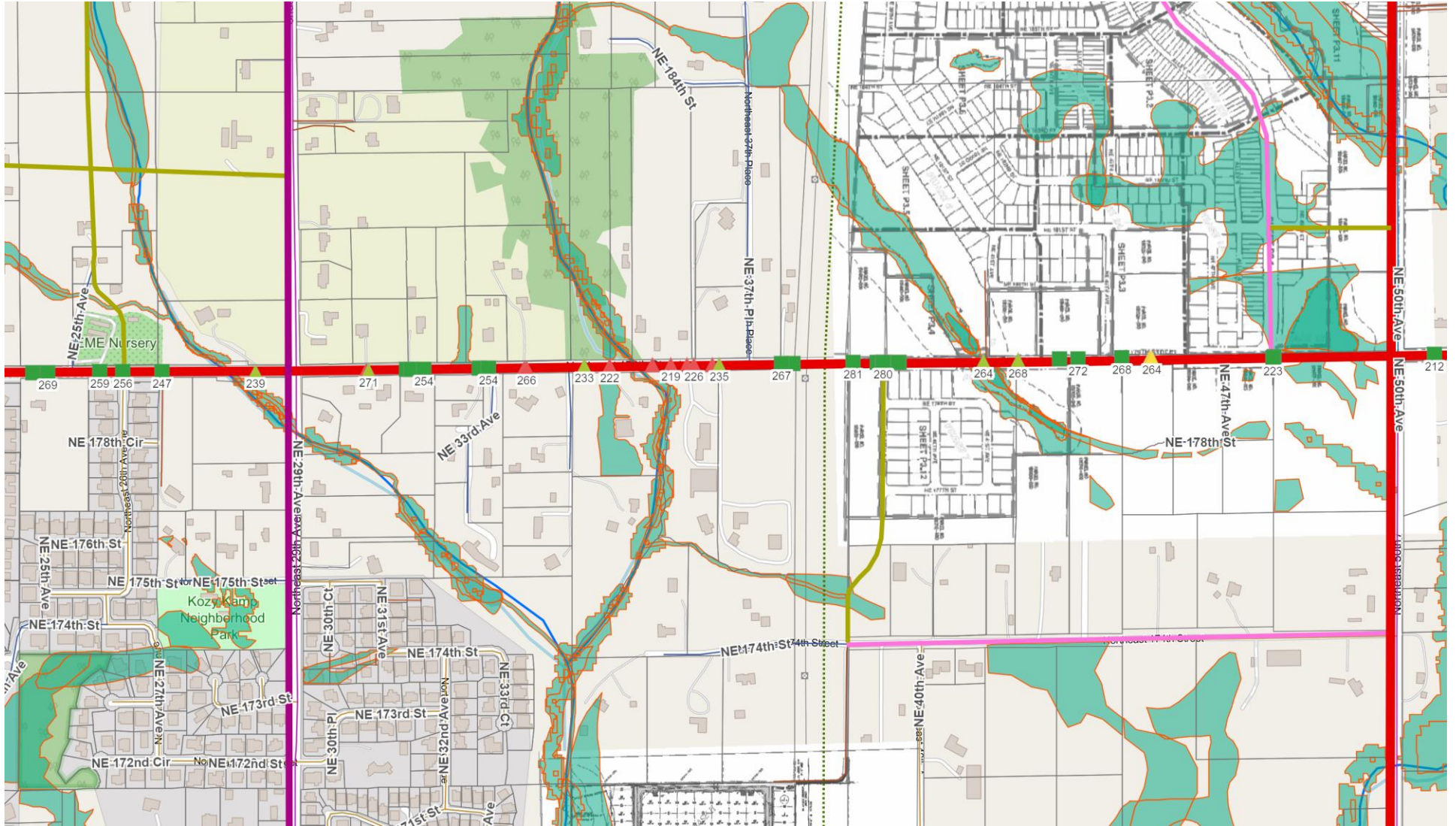
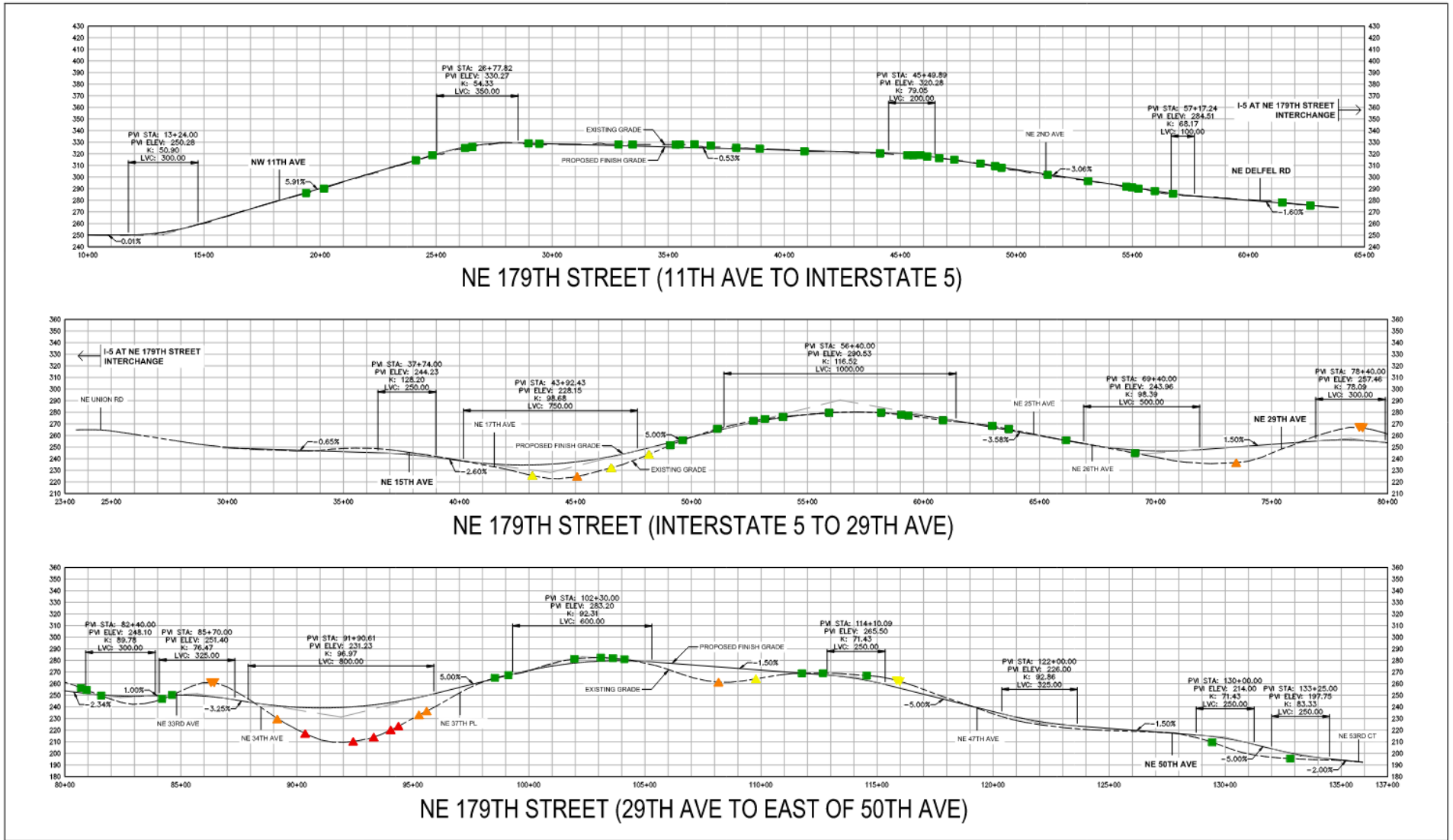


FIGURE 5: DRIVEWAY ELEVATION ASSESSMENT



NE 179TH STREET - EXISTING DRIVEWAY LOCATIONS

LEGEND

ELEVATION DIFFERENCE BETWEEN PROPOSED AND EXISTING GRADES	NOTE
▲ > 1'	PROPOSED FINISH GRADE REFLECTS = 40 MPH ROUNDABOUT CORRIDOR DESIGN SPEED.
▲ 11' TO 15'	
▲ 6' TO 10'	
■ 0' TO 5'	
▲ 10' TO 4'	
▲ 15' TO 11'	
▼ < -1'	

HORIZ 0 20 40
VERT 0 5 10
SCALE IN FEET

APPENDIX

CONTENTS

WSDOT COLLISION DATA



720 SW WASHINGTON STREET, SUITE 500, PORTLAND, OR 97205 • 503.243.3500 • DKSASSOCIATES.COM

WSDOT COLLISION DATA



FIRST COLLISION TYPE / OBJECT STRUCK	collision type - category	VEHICLE 1 ACTION	VEHICLE 2 ACTION	VEHICLE 1 COMPASS DIRECTION FROM	VEHICLE 1 COMPASS DIRECTION TO	VEHICLE 2 COMPASS DIRECTION FROM	VEHICLE 2 COMPASS DIRECTION TO	MV DRIVER CONTRIBUTING CIRCUMSTANCE 1 (UNIT 1)	MV DRIVER CONTRIBUTING CIRCUMSTANCE 1 (UNIT 2)	FIRST IMPACT LOCATION (City, County & Misc Trafficways - 2010 forward)	WA STATE PLANE SOUTH - X 2010 - FORWARD	WA STATE PLANE SOUTH - Y 2010 - FORWARD
Vehicle overturned	other	Going Straight Ahead		West	East			None		Lane of Primary Trafficway	1088838.43	159835.80
From same direction - one left turn - one straight	rear end	Going Straight Ahead	Making Left Turn	East	West	East	South	None	Improper Turn/Merge	Lane of Primary Trafficway	1088838.45	159835.78
Entering at angle	angle	Going Straight Ahead	Making Left Turn	West	East	South	West	Other Contributing Circ Not Listed	Did Not Grant RW to Vehicle	Lane of Primary Trafficway	1083390.06	159881.85
Entering at angle	angle	Going Straight Ahead	Going Straight Ahead	South	North	West	East	Inattention	None	Lane of Primary Trafficway	1083390.06	159881.85
Entering at angle	angle	Going Straight Ahead	Going Straight Ahead	West	East	South	North	None	Disregard Stop Sign - Flashing Red	Lane of Primary Trafficway	1083390.06	159881.85
Entering at angle	angle	Going Straight Ahead	Slowing	South	North	East	West	Did Not Grant RW to Vehicle	None	Lane of Primary Trafficway	1083390.06	159881.85
Entering at angle	angle	Going Straight Ahead	Going Straight Ahead	South	North	West	East	Did Not Grant RW to Vehicle	None	Lane of Primary Trafficway	1083390.06	159881.85
Entering at angle	angle	Starting in Traffic Lane	Going Straight Ahead	South	North	West	East	Did Not Grant RW to Vehicle	None	Lane of Primary Trafficway	1083390.06	159881.85
Entering at angle	angle	Going Straight Ahead	Going Straight Ahead	South	North	East	West	Inattention	None	Lane of Primary Trafficway	1083390.06	159881.85
Entering at angle	angle	Starting in Traffic Lane	Going Straight Ahead	South	North	West	East	Inattention	None	Lane of Primary Trafficway	1083390.06	159881.85
Vehicle Strikes Pedalcyclist	other	Going Straight Ahead		South	North			Inattention		Lane of Primary Trafficway	1083390.06	159881.85
From same direction - one right turn - one straight	rear end	Going Straight Ahead	Making Right Turn	East	West	East	North	Follow Too Closely	None	Lane of Primary Trafficway	1083390.06	159881.85
Entering at angle	angle	Making Left Turn	Going Straight Ahead	North	West	West	East	Did Not Grant RW to Vehicle	None	Lane of Primary Trafficway	1083390.06	159881.85
Entering at angle	angle	Going Straight Ahead	Going Straight Ahead	North	South	East	West	Did Not Grant RW to Vehicle	None	Intersecting Trafficway	1083390.06	159881.85
Entering at angle	angle	Going Straight Ahead	Going Straight Ahead	South	North	West	East	Did Not Grant RW to Vehicle	None	Lane of Primary Trafficway	1083390.06	159881.85
Entering at angle	angle	Going Straight Ahead	Going Straight Ahead	East	West	North	South	Did Not Grant RW to Vehicle	None	Lane of Primary Trafficway	1099143.90	159575.36
Utility Pole	other	Going Straight Ahead		West	East			Apparently Asleep or Fatigued		Past the Outside Shoulder of Primary Trafficway	1099114.32	159575.86
Entering at angle	angle	Making Left Turn	Going Straight Ahead	South	West	West	East	None	Inattention	Lane of Primary Trafficway	1093914.42	159639.32
Entering at angle	angle	Going Straight Ahead	Starting in Traffic Lane	West	East	South	North	Disregard Stop Sign - Flashing Red	None	Lane of Primary Trafficway	1093914.42	159639.32
Entering at angle	angle	Going Straight Ahead	Going Straight Ahead	North	South	East	West	Disregard Stop Sign - Flashing Red	None	Other Location (City/County/Misc. Trafficway)	1093914.43	159639.33
Entering at angle	angle	Going Straight Ahead	Starting From Parked Position	West	East	Vehicle Stopp	North	Disregard Stop Sign - Flashing Red	Driver Not Distracted	Lane of Primary Trafficway	1093914.43	159639.33
Entering at angle	angle	Going Straight Ahead	Going Straight Ahead	South	North	West	East	Disregard Stop Sign - Flashing Red	None	Lane of Primary Trafficway	1093914.43	159639.33
Entering at angle	angle	Making Left Turn	Stopped at Signal or Stop Sign	East	South	Vehicle Stopp	Vehicle Stop	Other Contributing Circ Not Listed	Other Contributing Circ Not Listed	Intersecting Trafficway	1093914.43	159639.33
Entering at angle	angle	Making Right Turn	Starting in Traffic Lane	North	West	East	West	Disregard Stop Sign - Flashing Red	None	Lane of Primary Trafficway	1093914.43	159639.33
Entering at angle	angle	Going Straight Ahead	Making Left Turn	East	West	South	West	Did Not Grant RW to Vehicle	None	Lane of Primary Trafficway	1093914.43	159639.33
Entering at angle	angle	Going Straight Ahead	Starting in Traffic Lane	South	North	West	East	Disregard Stop Sign - Flashing Red	None	Lane of Primary Trafficway	1093914.43	159639.32
Fence	other	Making Right Turn		West	South			Other Contributing Circ Not Listed		Intersecting Trafficway	1099142.27	159530.78
From same direction - all others	rear end	Making U-Turn	Going Straight Ahead	West	West	West	East	Other Contributing Circ Not Listed	Other Contributing Circ Not Listed	Lane of Primary Trafficway	1090128.58	159722.04
From opposite direction - one left turn - one straight	turning	Making Left Turn	Going Straight Ahead	East	South	West	East	Did Not Grant RW to Vehicle	None	Lane of Primary Trafficway	1090128.58	159722.04
From same direction - both going straight - one stopped - rear-end	rear end	Going Straight Ahead	Stopped at Signal or Stop Sign	East	West	Vehicle Backir	Vehicle Stop	Distractions Outside Vehicle	None	Lane of Primary Trafficway	1090128.59	159722.04
From opposite direction - one left turn - one straight	turning	Making Left Turn	Going Straight Ahead	East	South	West	East	Improper Turn/Merge	None	Lane of Primary Trafficway	1090128.59	159722.04
From opposite direction - one left turn - one straight	turning	Making Left Turn	Going Straight Ahead	East	South	West	East	Did Not Grant RW to Vehicle	None	Lane of Primary Trafficway	1090128.58	159722.05
From same direction - both going straight - both moving - rear-end	rear end	Going Straight Ahead	Slowing	East	West	East	West	Under Influence of Alcohol	None	Lane of Primary Trafficway	1089239.13	159753.28
From opposite direction - one left turn - one straight	turning	Making Left Turn	Going Straight Ahead	East	South	West	East	Inattention	None	Lane of Primary Trafficway	1090128.58	159722.05
From opposite direction - one left turn - one straight	turning	Making Left Turn	Going Straight Ahead	East	South	West	East	Did Not Grant RW to Vehicle	None	Lane of Primary Trafficway	1090128.58	159722.04
From same direction - both going straight - both moving - sideswipe	sideswipe	Changing Lanes	Going Straight Ahead	East	South	East	West	Did Not Grant RW to Vehicle	None	Left Turn Lane LX Decreasing Milepost	1088142.18	159708.74
Same direction -- both turning left -- both moving -- sideswipe	sideswipe	Making Left Turn	Making Left Turn	East	South	East	South	Improper Turn/Merge	None	Intersecting Road Increasing Milepost	1088140.76	159709.76
From opposite direction - one left turn - one straight	turning	Making Left Turn	Going Straight Ahead	West	North	East	West	Did Not Grant RW to Vehicle	None	Lane 2 LX Decreasing Milepost	1088597.15	159797.42
From opposite direction - one left turn - one straight	turning	Making Left Turn	Going Straight Ahead	West	North	East	West	Did Not Grant RW to Vehicle	None	Lane 1 LX Decreasing Milepost	1088597.15	159797.42
Entering at angle	angle	Going Straight Ahead	Going Straight Ahead	West	East	South	North	Inattention	None	Lane 1 LX Increasing Milepost	1088703.38	159816.88
From same direction - both going straight - both moving - sideswipe	sideswipe	Overtaking and Passing	Going Straight Ahead	West	East	West	East	Improper Passing	None	Lane 1 LX Increasing Milepost	1088721.81	159822.19
Entering at angle	angle	Overtaking and Passing	Going Straight Ahead	South	North	East	West	Disregard Stop and Go Light	None	Lane 1 LX Decreasing Milepost	1088703.64	159816.08
Entering at angle	angle	Making Left Turn	Going Straight Ahead	North	East	East	West	Did Not Grant RW to Vehicle	None	Lane 1 LX Decreasing Milepost	1088034.55	159688.04
Roadway Ditch	other	Going Straight Ahead		West	East			Exceeding Reas. Safe Speed		Past the Outside Shoulder of Primary Trafficway	1095226.05	159629.31
Entering at angle	angle	Making Left Turn	Going Straight Ahead	South	West	West	East	Inattention	None	Lane of Primary Trafficway	1093091.46	159641.66
Vehicle overturned	other	Going Straight Ahead		West	East			Inattention		Lane of Primary Trafficway	1089431.75	159734.95
From same direction - both going straight - both moving - sideswipe	sideswipe	Changing Lanes	Going Straight Ahead	East	West	East	West	Other Contributing Circ Not Listed	None	Lane of Primary Trafficway	1086597.23	159818.09
Earth Bank or Ledge	other	Going Straight Ahead		West	East			Exceeding Reas. Safe Speed		Past the Outside Shoulder of Primary Trafficway	1084586.44	159872.07
Mailbox	other	Going Straight Ahead		East	West			Exceeding Reas. Safe Speed		Past the Outside Shoulder of Primary Trafficway	1095625.48	159633.62
Utility Pole	other	Going Straight Ahead		East	West			Other Contributing Circ Not Listed		Past the Outside Shoulder of Primary Trafficway	1094810.08	159627.97
From same direction - both going straight - both moving - rear-end	rear end	Going Straight Ahead	Slowing	West	East	West	East	Inattention	None	Lane of Primary Trafficway	1094514.89	159632.24
From opposite direction - one left turn - one straight	turning	Making Left Turn	Going Straight Ahead	West	North	East	West	Inattention	None	Lane of Primary Trafficway	1091447.96	159693.96
Utility Pole	other	Going Straight Ahead		West	East			Other Contributing Circ Not Listed		Past the Outside Shoulder of Primary Trafficway	1095624.33	159623.21
Vehicle Strikes Deer	other	Going Straight Ahead		West	East			None		Lane of Primary Trafficway	1086328.02	159827.30
From same direction - both going straight - both moving - sideswipe	sideswipe	Changing Lanes	Going Straight Ahead	West	East	West	East	Other Contributing Circ Not Listed	None	Lane of Primary Trafficway	1087156.41	159808.15
From same direction - both going straight - one stopped - rear-end	rear end	Stopped for Traffic	Going Straight Ahead	Vehicle Stoppe	Vehicle Stopp	West	East	None	Inattention	Lane of Primary Trafficway	1086029.97	159833.03
From opposite direction - one left turn - one straight	turning	Making Left Turn	Going Straight Ahead	East	South	West	East	Did Not Grant RW to Vehicle	None	Lane of Primary Trafficway	1083590.41	159877.87
Utility Pole	other	Going Straight Ahead		West	East			Under Influence of Alcohol		Past the Outside Shoulder of Primary Trafficway	1098226.42	159587.08
Utility Pole	other	Going Straight Ahead		West	East			Follow Too Closely		Past the Outside Shoulder of Primary Trafficway	1091219.06	159700.57
From opposite direction - all others	turning	Making U-Turn	Going Straight Ahead	South	West	East	West	Inattention	None	Lane of Primary Trafficway	1084887.86	159852.16
Metal Sign Post	other	Going Straight Ahead		North	South			Under Influence of Alcohol		Past Left Shoulder On Ramp Decreasing Milepost Side of Mainline	1088159.27	159647.00
Utility Pole	other	Going Straight Ahead		West	East			Apparently Asleep or Fatigued		Past the Outside Shoulder of Primary Trafficway	1096246.61	159612.55
Metal Sign Post	other	Going Straight Ahead		West	East			Operating Handheld Cell Phone		Past the Outside Shoulder of Primary Trafficway	1093386.49	159652.20
From same direction - both going straight - one stopped - rear-end	rear end	Going Straight Ahead	Stopped for Traffic	East	West	Vehicle Stopp	Vehicle Stop	Operating Defective Equipment	Driver Not Distracted	Lane of Primary Trafficway	1091528.04	159692.20
Entering at angle	angle	Making Left Turn	Stopped for Traffic	East	South	South	Vehicle Stop	Inattention	None	Intersecting Trafficway	1093706.91	159642.20