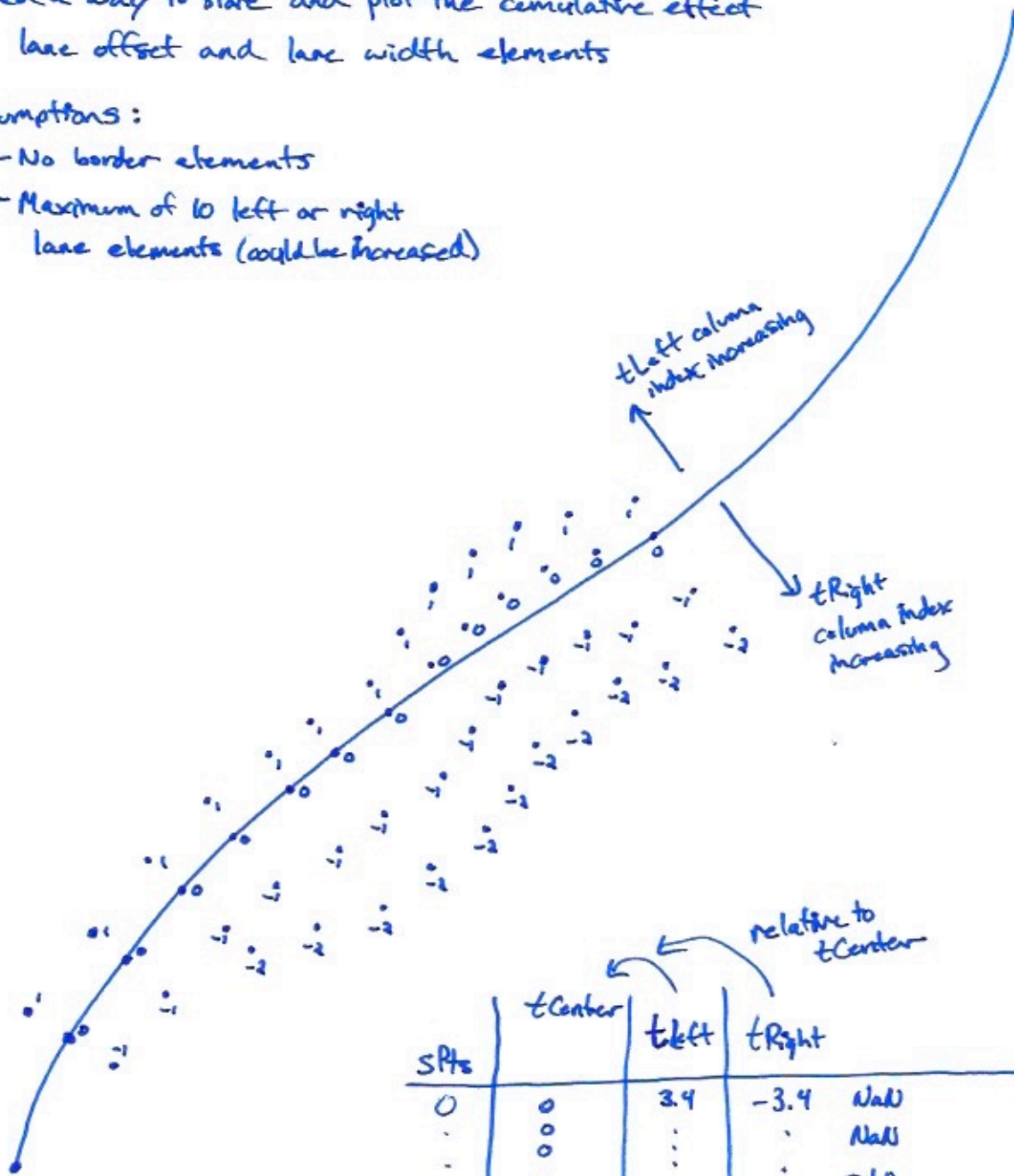# Extracting Lane Geometry from XODR Files

→ Need a way to store and plot the cumulative effect of lane offset and lane width elements

→ Assumptions:
  - No border elements
  - Maximum of 10 left or right lane elements (could be increased)

tLeft column index increasing

tRight column index increasing

relative to tCenter

sPts	tCenter	tLeft	tRight	
0	0	3.4	−3.4	NaN
.	0	.	.	NaN
.	0	.	.	−1.0
.	0	(	(	−2.0
(	0	(	(	−3.4
(	0	(	(	.
(	0.1	(	(	(
(	0.2	(	(	(
(	0.3	(	(	(
(	0.3	(	(	(
(	0.2	(	(	(
;	0.1	(	;	(
road length	0	3.4	−3.4	−3.4