

# Appendix D.3

## Socioeconomic Environment Technical Report Attachments

### BALTIMORE-WASHINGTON SUPERCONDUCTING MAGLEV PROJECT

DRAFT ENVIRONMENTAL IMPACT STATEMENT AND  
SECTION 4(f) EVALUATION



U.S. Department of Transportation  
**Federal Railroad Administration**



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## **ATTACHMENT A – PARCEL IMPACTS**









Table A-1 - Parcel Impacts Table

ParcelID	Within EJ	Land Use	Public/Private/Federal	Parcel Acreage	Alt_J_01		Alt_J_02		Alt_J_03		Alt_J_04		Alt_J_05		Alt_J_06		Alt_J1_01		Alt_J1_02		Alt_J1_03		Alt_J1_04		Alt_J1_05		Alt_J1_06			
					Perm	Temp	Perm	Temp																						
293	✓	Institutional	Private	0.19	No Record																									
294	✓	Institutional	Private	4.53	No Record	5.86%	0.00%	No Record	No Record	No Record	5.86%	0.00%	No Record	No Record	No Record	No Record	1.17%	0.00%	No Record	No Record	No Record	No Record	1.17%	0.00%						
295	✓	Institutional	Private	0.59	No Record	No Record	No Record	No Record	2.88%	0.00%	No Record	No Record	No Record	2.88%	0.00%	No Record	No Record	No Record	No Record	2.88%	0.00%	No Record	No Record	No Record	No Record	2.88%	0.00%			
296	✓	Commercial	Private	1.24	0.00%	3.48%	0.00%	3.48%	0.00%	3.48%	0.00%	No Record	No Record	0.00%	3.48%	0.00%	3.48%	No Record	No Record	No Record	No Record	0.00%	0.00%	No Record	No Record	No Record	No Record	0.00%	0.00%	
297	✓	Institutional	Federal	194.74	No Record	No Record	No Record	No Record	0.94%	0.00%	No Record	No Record	No Record	0.94%	0.00%	No Record	No Record	No Record	No Record	1.07%	0.00%	No Record	No Record	No Record	No Record	1.07%	0.00%			
298	✓	Commercial	Private	4.10	22.53%	11.52%	22.53%	11.52%	22.53%	11.52%	19.33%	4.99%	22.53%	11.52%	22.53%	11.52%	No Record													
299	✓	Institutional	Federal	798.26	No Record	No Record	No Record	No Record	5.27%	1.07%	No Record	No Record	No Record	5.27%	1.07%	No Record	No Record	5.25%	1.07%	No Record	No Record	No Record	No Record	5.25%	1.07%	No Record	No Record			
300	✓	Institutional	Federal	349.05	No Record	No Record	35.62%	1.31%	No Record	No Record	No Record	No Record	35.62%	1.31%	No Record	No Record	No Record	No Record	35.62%	1.31%	No Record	No Record	No Record	No Record	35.62%	1.31%	No Record	No Record		
301	✓	Institutional	Federal	116.95	No Record	No Record	15.24%	3.09%	No Record	No Record	No Record	No Record	15.24%	3.09%	No Record	No Record	No Record	No Record	15.24%	3.02%	No Record	No Record	No Record	No Record	15.24%	3.02%	No Record	No Record		
302	✓	Institutional	Federal	0.90	No Record	No Record	0.00%	30.56%	No Record	No Record	No Record	No Record	0.00%	30.56%	No Record	No Record	No Record	No Record	0.00%	30.56%	No Record	No Record	No Record	No Record	0.00%	30.56%	No Record	No Record		
303	✓	Forest	Private	1.35	No Record	99.34%	0.00%	99.34%	0.00%	99.34%	0.00%	99.34%	0.00%	99.34%	0.00%	99.34%	0.00%	99.34%	0.00%											
304	✓	Commercial	Private	0.79	0.00%	1.53%	0.00%	1.53%	0.00%	1.53%	0.00%	1.53%	0.00%	1.53%	0.00%	1.53%	0.00%	1.53%	0.00%	No Record										
305	✓	Institutional	Private	1.06	No Record																									
306	✓	Open Urban Space	Private	9.40	1.62%	9.88%	1.62%	9.88%	1.62%	9.88%	0.00%	8.00%	1.62%	9.88%	1.62%	9.88%	No Record	No Record	1.62%	9.88%	1.62%	9.88%	1.62%	9.88%	1.62%	9.88%	1.62%	9.88%	1.62%	9.88%
307	✓	Commercial	Public	12.00	No Record	4.11%	20.49%	4.11%	20.49%	4.11%	20.49%	4.11%	20.49%	4.11%	20.49%	4.11%	20.49%	4.11%	20.49%											
308	✓	Institutional	Private	0.47	8.09%	0.00%	No Record	No Record	No Record	No Record	8.09%	0.00%	No Record																	
309	✓	Residential	Private	1.69	No Record																									
310	✓	Institutional	Private	1.49	No Record	No Record	No Record	No Record	15.63%	0.00%	No Record	No Record	No Record	15.63%	0.00%	No Record	No Record	No Record	No Record	2.49%	0.00%	No Record	No Record	No Record	No Record	2.49%	0.00%			
311	✓	Forest	Public	2.80	0.00%	6.50%	0.00%	6.50%	0.00%	6.50%	0.00%	6.50%	0.00%	6.50%	0.00%	6.50%	0.00%	6.50%	0.00%	No Record										
312	✓	Forest	Private	14.64	2.42%	0.00%	No Record	No Record	No Record	No Record	2.42%	0.00%	No Record																	
313	✓	Forest	Private	3.08	No Record																									
314	✓	Forest	Private	8.67	15.30%	84.68%	15.30%	84.68%	15.30%	84.68%	15.30%	84.68%	15.30%	84.68%	15.30%	84.68%	No Record													
315	✓	Institutional	Private	112.23	0.89%	23.27%	0.00%	24.16%	0.00%	24.16%	0.00%	24.16%	0.00%	24.16%	0.00%	24.16%	0.89%	0.02%	No Record	No Record	0.89%	0.02%	No Record	No Record	0.89%	0.02%	No Record	No Record		
316	✓	Forest	Private	6.03	0.00%	2.98%	0.00%	2.98%	0.00%	2.98%	0.00%	2.98%	0.00%	2.98%	0.00%	2.98%	No Record													
317	✓	Commercial	Private	1.44	0.00%	7.57%	0.00%	7.57%	0.00%	7.57%	0.00%	7.57%	0.00%	7.57%	0.00%	7.57%	0.00%	7.57%	0.00%	7.57%	0.00%	7.57%	0.00%	7.57%	0.00%	7.57%	0.00%	7.57%	0.00%	
318	✓	Commercial	Private	2.14	0.00%	0.11%	0.00%	0.11%	0.00%	0.11%	0.00%	0.11%	0.00%	0.11%	0.00%	0.11%	No Record													
319	✓	Institutional	Private	7.00	0.00%	99.36%	0.00%	99.38%	0.00%	99.38%	0.00%	99.38%	0.00%	99.38%	0.00%	99.38%	0.00%	99.36%	0.00%	99.36%	0.00%	99.36%	0.00%	99.36%	0.00%	99.36%	0.00%	99.36%	0.00%	
320	✓	Open Space	Public	4.50	No Record	99.37%	0.00%	99.37%	0.00%	99.37%	0.00%	99.37%	0.00%	99.37%	0.00%	99.37%	0.00%	99.37%	0.00%											
321	✓	Forest	Public	6.44	No Record	31.67%	0.00%	33.59%	3.40%	36.71%	1.30%	31.67%	0.00%	33.59%	3.40%	36.71%	1.30%													
322	✓	Forest	Public	17.17	No Record	20.12%	0.00%	20.12%	0.00%	20.12%	0.00%	20.12%	0.00%	20.12%	0.00%	20.12%	0.00%	20.12%	0.00%											
323	✓	Forest	Private	5.60	No Record	0.00%	0.56%	0.00%	0.56%	No Record	No Record	0.00%	0.56%	0.00%	0.56%	0.00%	0.56%													
324	✓	Residential	Private	0.05	No Record	0.00%	20.55%	0.00%	20.55%	No Record	No Record	0.00%	20.55%	0.00%	20.55%	0.00%	20.55%													
325	✓	Residential	Private	0.05	No Record	0.00%	9.50%	0.00%	9.50%	No Record	No Record	0.00%	9.50%	0.00%	9.50%	0.00%	9.50%													
326	✓	Residential	Private	2.04	No Record	0.00%	13.11%	0.00%	13.11%	No Record	No Record	0.00%	13.11%	0.00%	13.11%	0.00%	13.11%													
327	✓	Residential	Private	0.03	No Record	0.00%	14.93%	0.00%	14.93%	No Record	No Record	0.00%	14.93%	0.00%	14.93%	0.00%	14.93%													
328	✓	Open Space	Private	4.38	No Record	0.00%	0.01%	0.00%	0.01%	No Record	No Record	0.00%	0.01%	0.00%	0.01%	0.00%	0.01%													
329	✓	Residential	Private	0.04	No Record	0.00%	1.02%	0.00%	1.02%	No Record	No Record	0.00%	1.02%	0.00%	1.02%	0.00%	1.02%													
330	✓	Residential	Private	0.04	No Record	0.00%	10.46%	0.00%	10.46%	No Record	No Record	0.00%	10.46%	0.00%	10.46%	0.00%	10.46%													
331	✓	Open Space	Private	1.80	No Record	3.13%	0.00%	3.13%	6.28%	3.13%	6.28%	3.13%	0.00%	3.13%	6.28%	3.13%	6.28%													
332	✓	Residential	Private	0.45	No Record	0.00%	12.75%	0.00%	12.75%	No Record	No Record	0.00%	12.75%	0.00%	12.75%	0.00%	12.75%													
333	✓	Institutional	Federal	798.26	No Record	No Record	5.27%	1.07%	No Record	No Record	No Record	No Record	5.27%	1.07%	No Record	No Record	5.25%	1.07%	No Record	No Record	No Record	No Record	5.25%	1.07%	No Record	No Record				
334	✓	Forest	Public	10.73	No Record	26.52%	0.00%	26.52%	0.00%	26.52%	0.00%	26.52%	0.00%	26.52%	0.00%	26.52%	0.00%	26.52%	0.00%											
335	✓	Forest	Public	13.97	No Record	15.40%	11.21%	15.40%	11.21%	15.40%	11.21%	15.40%	11.21%	15.40%	11.21%	15.40%	11.21%	15.40%	11.21%											
336	✓	Forest	Private	3.69	No Record	3.96%	0.00%	3.96%	5.88%	3.96%	5.88%	3.96%	0.00%	3.96%	5.88%	3.96%	5.88%													
337	✓	Commercial	Private	3.87	No Record	9.23%	0.45%	7.47%	14.49%	7.47%	14.49%	9.23%	0.45%	7.47%	14.49%	7.47%	14.49%													
338	✓	Forest	Public	26.82	No Record	50.46%	0.41%	6.29%	2.60%	50.46%	0.41%	6.29%	2.60%	50.46%	0.41%	6.29%	2.60%													
339	✓	Forest	Public	13.64	No Record	55.15%	1.57%	54.89%	6.37%	67.24%	6.21%	55.15%	1.57%	54.89%	6.37%	67.24%	6.21%													
340	✓	Residential	Private	0.04	No Record	0.00%	5.39%	0.00%	5.39%	No Record	No Record	0.00%	5.39%	0.00%	5.39%	0.00%	5.39%													
341	✓	Institutional	Federal	244.69	No Record	No Record	No Record	No Record	14.12%	0.01%	No Record	No Record	No Record	14.12%	0.01%	1.36%	0.00%	0.00%	0.19%	1.36%	0.00%	0.00%	0.19%	1.36%	0.00%	0.00%	0.19%	1.36%	0.00%	
342	✓	Transportation	Federal	4.81	No Record	0.78%	0.00%	0.78%	0.00%	0.78%	0.00%	0.78%	0.00%	0.78%	0.00%	0.78%	0.00%	0.78%	0.00%											
343	✓	Forest	Public	0.11	No Record	No Record	0.00%	26.53%	0.00%	26.53%	0.00%	26.53%	0.00%	26.53%	0.00%	26.53%	No Record													
344	✓	Forest	Public	32.58	43.31%	0.00%	4.04%	0.82%	4.04%	0.82%	43.31%	0.00%	4.04%	0.82%	No Record															
345	✓	Residential	Private	0.95	No Record	0.00%	1.13%	0.00%	1.13%	No Record	No Record	0.00%	1.13%	0.00%	1.13%	0.00%	1.13%													
346	✓	Forest	Public	100.15	No Record	13.59%	1.57%	13.12%	3.59%	13.87%	0.75%	13.59%																		



Table A-1 - Parcel Impacts Table

ParcelID	Within EJ	Land Use	Public/Private/Federal	Parcel Acreage	Alt_J_01		Alt_J_02		Alt_J_03		Alt_J_04		Alt_J_05		Alt_J_06		Alt_J1_01		Alt_J1_02		Alt_J1_03		Alt_J1_04		Alt_J1_05		Alt_J1_06	
					Perm	Temp	Perm	Temp	Perm	Temp	Perm	Temp	Perm	Temp	Perm	Temp	Perm	Temp										
439	-	Commercial	Private	0.04	100.00%	0.00%	100.00%	0.00%	100.00%	0.00%	100.00%	0.00%	100.00%	0.00%	100.00%	0.00%	100.00%	0.00%	100.00%	0.00%	100.00%	0.00%	100.00%	0.00%	100.00%	0.00%	100.00%	0.00%
440	-	Commercial	Private	0.04	100.00%	0.00%	100.00%	0.00%	100.00%	0.00%	100.00%	0.00%	100.00%	0.00%	100.00%	0.00%	100.00%	0.00%	100.00%	0.00%	100.00%	0.00%	100.00%	0.00%	100.00%	0.00%	100.00%	0.00%
441	-	Commercial	Private	0.02	100.00%	0.00%	100.00%	0.00%	100.00%	0.00%	100.00%	0.00%	100.00%	0.00%	100.00%	0.00%	100.00%	0.00%	100.00%	0.00%	100.00%	0.00%	100.00%	0.00%	100.00%	0.00%	100.00%	0.00%
442	-	Commercial	Private	0.05	100.00%	0.00%	100.00%	0.00%	100.00%	0.00%	100.00%	0.00%	100.00%	0.00%	100.00%	0.00%	100.00%	0.00%	100.00%	0.00%	100.00%	0.00%	100.00%	0.00%	100.00%	0.00%	100.00%	0.00%
443	✓	Forest	Public	1.20	6.25%	2.07%	6.25%	2.07%	6.25%	2.07%	6.25%	2.07%	6.25%	2.07%	6.25%	2.07%	No Record											
444	✓	Forest	Public	0.54	0.00%	1.94%	0.00%	1.94%	0.00%	1.94%	0.00%	1.94%	0.00%	1.94%	0.00%	1.94%	No Record											
445	✓	Transportation	Public	141.80	3.54%	0.53%	3.54%	0.53%	3.54%	0.53%	3.54%	0.53%	3.54%	0.53%	3.54%	0.53%	1.87%	0.42%	1.87%	0.42%	1.87%	0.42%	1.87%	0.42%	1.87%	0.42%	1.87%	0.42%
446	✓	Commercial	Private	3.95	0.70%	0.00%	0.70%	0.00%	0.70%	0.00%	0.70%	0.00%	0.70%	0.00%	0.70%	0.00%	0.70%	0.00%	0.70%	0.00%	0.70%	0.00%	0.70%	0.00%	0.70%	0.00%	0.70%	0.00%
447	✓	Commercial	Private	39.64	69.03%	0.00%	69.03%	0.00%	69.03%	0.00%	69.03%	0.00%	69.03%	0.00%	69.03%	0.00%	69.03%	0.00%	69.03%	0.00%	69.03%	0.00%	69.03%	0.00%	69.03%	0.00%	69.03%	0.00%
448	✓	Commercial	Private	4.83	99.38%	0.00%	99.38%	0.00%	99.38%	0.00%	99.38%	0.00%	99.38%	0.00%	99.38%	0.00%	99.38%	0.00%	99.38%	0.00%	99.38%	0.00%	99.38%	0.00%	99.38%	0.00%	99.38%	0.00%
449	✓	Commercial	Private	8.55	93.26%	0.00%	93.26%	0.00%	93.26%	0.00%	93.26%	0.00%	93.26%	0.00%	93.26%	0.00%	93.26%	0.00%	93.26%	0.00%	93.26%	0.00%	93.26%	0.00%	93.26%	0.00%	93.26%	0.00%
450	✓	Commercial	Private	13.75	89.13%	0.00%	89.13%	0.00%	89.13%	0.00%	89.13%	0.00%	89.13%	0.00%	89.13%	0.00%	89.13%	0.00%	89.13%	0.00%	89.13%	0.00%	89.13%	0.00%	89.13%	0.00%	89.13%	0.00%
451	✓	Commercial	Private	9.08	100.00%	0.00%	100.00%	0.00%	100.00%	0.00%	100.00%	0.00%	100.00%	0.00%	100.00%	0.00%	100.00%	0.00%	100.00%	0.00%	100.00%	0.00%	100.00%	0.00%	100.00%	0.00%	100.00%	0.00%
452	✓	Commercial	Private	3.00	20.91%	0.00%	20.91%	0.00%	20.91%	0.00%	20.91%	0.00%	20.91%	0.00%	20.91%	0.00%	20.91%	0.00%	20.91%	0.00%	20.91%	0.00%	20.91%	0.00%	20.91%	0.00%	20.91%	0.00%
453	✓	Agricultural	Private	21.68	0.35%	0.00%	0.35%	0.00%	0.35%	0.00%	0.35%	0.00%	0.35%	0.00%	0.35%	0.00%	0.35%	0.00%	0.35%	0.00%	0.35%	0.00%	0.35%	0.00%	0.35%	0.00%	0.35%	0.00%
454	✓	Agricultural	Private	9.21	79.25%	0.00%	79.25%	0.00%	79.25%	0.00%	79.25%	0.00%	79.25%	0.00%	79.25%	0.00%	79.25%	0.00%	79.25%	0.00%	79.25%	0.00%	79.25%	0.00%	79.25%	0.00%	79.25%	0.00%
455	✓	Agricultural	Private	0.70	100.00%	0.00%	100.00%	0.00%	100.00%	0.00%	100.00%	0.00%	100.00%	0.00%	100.00%	0.00%	100.00%	0.00%	100.00%	0.00%	100.00%	0.00%	100.00%	0.00%	100.00%	0.00%	100.00%	0.00%
456	✓	Agricultural	Private	134.62	100.00%	0.00%	100.00%	0.00%	100.00%	0.00%	100.00%	0.00%	100.00%	0.00%	100.00%	0.00%	100.00%	0.00%	100.00%	0.00%	100.00%	0.00%	100.00%	0.00%	100.00%	0.00%	100.00%	0.00%
457	✓	Agricultural	Private	147.68	80.55%	0.00%	80.55%	0.00%	80.55%	0.00%	80.55%	0.00%	80.55%	0.00%	80.55%	0.00%	No Record	No Record	80.55%	0.00%	80.55%	0.00%	80.55%	0.00%	80.55%	0.00%	80.55%	0.00%
458	✓	Agricultural	Private	26.21	80.63%	0.00%	80.63%	0.00%	80.63%	0.00%	80.63%	0.00%	80.63%	0.00%	80.63%	0.00%	No Record	No Record	80.63%	0.00%	80.63%	0.00%	80.63%	0.00%	80.63%	0.00%	80.63%	0.00%
459	✓	Agricultural	Private	20.22	76.64%	0.00%	76.64%	0.00%	76.64%	0.00%	76.64%	0.00%	76.64%	0.00%	76.64%	0.00%	No Record	No Record	No Record	No Record	76.64%	0.00%	76.64%	0.00%	76.64%	0.00%	76.64%	0.00%
460	✓	Agricultural	Private	69.44	60.64%	0.00%	60.64%	0.00%	60.64%	0.00%	60.64%	0.00%	60.64%	0.00%	60.64%	0.00%	No Record	No Record	No Record	No Record	60.64%	0.00%	60.64%	0.00%	60.64%	0.00%	60.64%	0.00%
461	✓	Open Urban Space	Public	1.90	0.00%	99.86%	0.00%	99.86%	0.00%	99.86%	0.00%	99.86%	0.00%	99.86%	0.00%	99.86%	0.00%	No Record	No Record	No Record	No Record	0.00%	99.86%	0.00%	99.86%	0.00%	99.86%	0.00%
462	✓	Residential	Private	1.97	0.00%	8.53%	0.00%	8.53%	0.00%	8.53%	0.00%	8.53%	0.00%	8.53%	0.00%	8.53%	0.00%	No Record	No Record	No Record	No Record	0.00%	8.53%	0.00%	8.53%	0.00%	8.53%	0.00%

## **ATTACHMENT B – LAND USE AND ZONING IMPACT TABLES**

**Table B-1: Impacted Land Use in Acres**

Build Alternative	Residential		Open Space		Open Urban Space		Commercial		Industrial		Institutional		Agriculture		Forest		Water		Transportation		TOTAL	
	P	T	P	T	P	T	P	T	P	T	P	T	P	T	P	T			P	T	P	T
J-01	14.7	13.8	8.5	0	15.6	17.5	142.1	9.7	197.3	25.8	47.6	16.9	334.3	2.9	315.8	181.5	10.8	0	20.4	33.3	1,106.8	301.4
J-02	10.1	14.3	8.5	0	11.5	17.2	139.2	9.7	187.9	25.8	108.7	21.0	356.5	8.6	265.1	200.1	10.8	0	17.2	34.4	1,115.5	331.7
J-03	10.7	14.3	8.5	0	11.5	17.6	137.2	9.8	187.9	25.8	30.2	19.1	361.0	3.5	331.9	189.9	11.0	0	17.8	35.9	1,109.7	315.9
J-04	13.2	12.5	7.9	0	14.0	17.5	122.5	13.8	92.9	43.0	38.6	23.5	334.3	2.9	297.0	164.0	6.6	4.2	15.4	33.0	942.4	314.5
J-05	9.3	14.4	7.9	0	10.0	17.2	119.7	13.9	83.5	43.0	99.7	27.6	356.6	8.6	246.8	182.8	6.6	4.2	12.5	34.1	952.4	345.7
J-06	9.9	14.4	7.9	0	9.9	17.6	119.7	13.9	83.5	43.0	21.2	25.7	361.0	3.5	313.2	172.9	6.9	4.2	13.1	35.7	946.2	330.9
J1-01	9.4	6.0	8.5	0	16.7	2.3	143.6	10.8	197.3	25.8	44.5	0.5	338.8	5.3	312.2	96.8	10.9	0	14.1	24.1	1,095.9	171.5
J1-02	4.8	7.6	8.5	0	16.2	6.3	140.7	12.1	187.9	25.8	104.5	2.5	360.1	11.0	235.7	122.3	10.8	0	11.9	25.2	1,081.1	212.8
J1-03	5.2	7.6	8.5	0	16.2	5.8	140.7	12.1	187.9	25.8	26.3	0.6	367.3	6.6	303.8	105.5	11.0	0	10.9	23.8	1,077.9	187.9
J1-04	8.6	6.1	7.9	0	15.1	2.3	124.0	15.0	92.9	43.0	35.5	7.1	338.8	5.3	293.5	79.8	6.7	4.2	9.4	23.8	932.5	186.5
J1-05	4.1	7.7	7.9	0	14.7	6.3	121.2	16.3	83.5	43.0	95.5	9.1	360.1	11.0	217.0	105.3	6.6	4.2	7.2	24.9	917.6	227.8
J1-06	4.4	7.7	7.9	0	14.7	5.8	121.2	16.3	83.5	43.0	17.3	7.2	367.3	6.6	285.1	88.5	6.8	4.2	6.2	23.6	914.4	202.8

Source: Maryland Land Use Land Cover-County Use Land Cover 2010, IMAP, Maryland Department of Planning; Washington, DC Existing Land Use, Open Data DC, DCGIS

\*P - includes Full and Partial Permanent property impacts; T - Temporary property impacts that would occur during construction

**Table B-2: Impacted Zoning Classification in Acres**

Build Alternative	Commercial		Industrial		Mixed Use		Open Space		Other		Residential		TOTAL	
	P	T	P	T	P	T	P	T	P	T	P	T	P	T
J-01	112.5	15.3	197.9	66.0	414.2	28.4	98.2	67.2	54.9	14.1	229.2	110.4	1,106.8	301.4
J-02	85.6	13.7	194.2	65.5	411.1	28.1	260.1	94.9	51.5	19.9	113.1	109.5	1,115.4	331.6
J-03	85.6	13.7	194.2	65.5	411.1	28.1	254.4	79.2	50.7	19.9	113.1	109.5	1,109.6	315.9
J-04	67.1	49.1	79.9	46.9	414.2	28.4	98.1	67.0	54.3	12.8	228.8	110.3	942.4	314.5
J-05	40.3	47.8	76.2	46.4	411.1	28.1	260.0	94.9	51.9	19.9	112.8	108.7	852.4	345.7
J-06	40.3	47.8	76.2	46.4	411.1	28.1	254.4	79.2	50.7	19.9	113.3	109.6	946.2	330.9
J1-01	105.0	10.8	193.8	46.4	409.1	9.0	129.7	27.4	46.6	9.7	211.8	68.3	1,096.0	171.5
J1-02	74.3	8.8	190.7	45.8	408.0	8.8	252.5	53.5	50.1	23.8	105.5	72.1	1,081.0	212.8
J1-03	74.3	8.8	190.7	45.8	408.0	8.8	249.3	35.9	49.3	19.4	106.3	69.1	1,077.9	187.8
J1-04	59.7	44.8	75.8	27.2	409.1	9.0	129.7	27.4	46.6	9.7	211.5	68.4	932.5	186.5
J1-05	29.1	42.8	72.7	26.6	408.0	8.8	252.5	53.5	50.1	23.8	105.2	72.2	917.6	227.8
J1-06	29.1	42.8	72.7	26.6	408.0	8.8	249.3	35.9	49.3	19.4	106.1	69.3	914.4	202.8

Source: Zoning codes were reclassified into the above designations from the following sources: District of Columbia Zoning Map 2016, DC Office of Zoning; Prince George's County Zoning Map, The Maryland-National Capital Park and Planning Commission-Prince George's County Planning Department; Anne Arundel County Adopted Zoning Map, Anne Arundel County Office of Planning and Zoning; Baltimore County Zoning, Baltimore County Department of Planning; Baltimore City Existing Zoning Districts Map, Baltimore City Department of Planning.

\*P - includes Full and Partial Permanent property impacts; T - Temporary property impacts that would occur during construction

**Table B-3: Impacted Property by Ownership in Acres**

Build Alternative	Public		Private		Federal		Total Acres of Impact	
	Pt	T	P	T	P	T	P	T
J-01	209.2	48.5	734.2	104.0	56.9	50.2	1,000.2	202.7
J-02	63.4	48.1	709.8	103.1	292.6	87.4	1,065.8	238.6
J-03	63.4	48.1	710.4	103.1	245.0	63.0	1,018.7	214.2
J-04	203.5	54.6	591.5	111.1	56.8	50.2	851.8	215.8
J-05	57.7	54.2	567.4	110.7	292.6	87.4	917.7	252.2
J-06	57.7	54.2	567.9	110.7	245.0	62.9	870.6	227.8
J1-01	260.2	40.0	722.6	66.9	26.0	13.5	1,008.8	120.4
J1-02	107.6	42.9	697.5	68.4	248.2	49.5	1,053.3	160.8
J1-03	697.6	68.4	110.2	39.9	201.2	24.7	1,009.0	132.9
J1-04	254.5	46.0	580.2	74.5	26.0	13.5	860.7	134.0
J1-05	101.9	49.0	555.1	76.0	248.2	49.5	905.1	174.4
J1-06	104.5	45.9	555.2	76.0	201.2	24.7	860.9	146.5

Source: Maryland Parcel Boundaries, iMAP, Maryland Department of Planning ; Common Ownership Lots, OpenData DC, DCGIS

\*P - includes Full and Partial Permanent property impacts; T - Temporary property impacts that would occur during construction

**Table B-4: Acres of Permanent (P) and Temporary (T) Impacts to Federal Property**

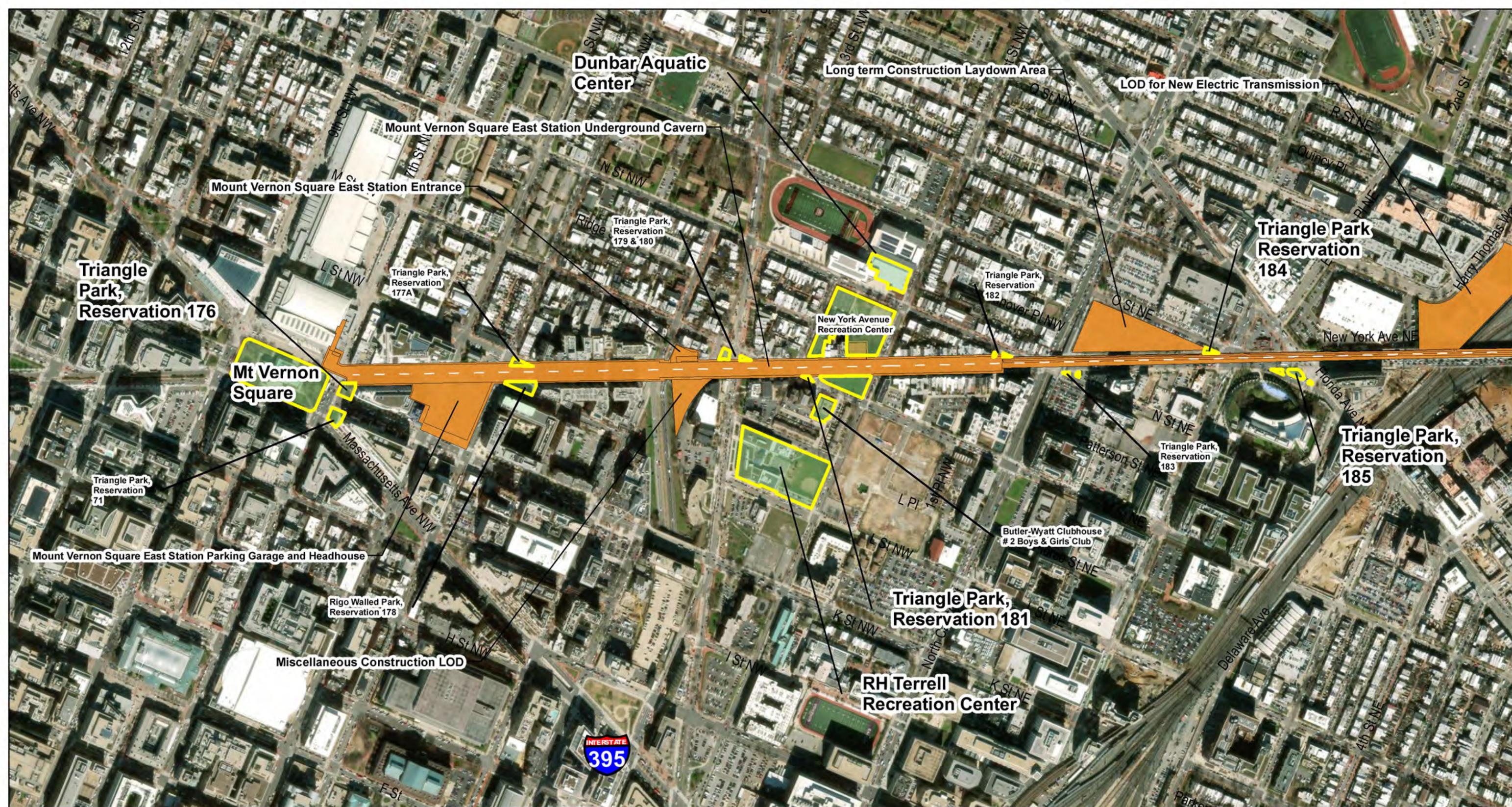
Build Alternative	BARC		Fort George G. Meade		NASA Goddard Space Flight Center		NSA		Patuxent Wildlife Research Refuge		Secret Service		BWP/NPS		Total	
	P	T	P	T	P	T	P	T	P	T	P	T	P	T	P	T
J-01	16.5	18.4	43.3	8.5	6.7	5.6	5.2	0.9	24.0	22.9	0.9	0.5	88.9	27.2	185.5	84.0
J-02	187.4	38.5	18.5	8.5	24.5	9.2	5.2	0.9	23.7	23.1	2.0	7.0	66.3	33.0	327.6	120.2
J-03	164.9	26.9	18.5	8.5	6.7	5.6	5.2	0.9	23.7	23.1	1.0	3.4	67.2	36.1	287.2	104.5
J-04	16.5	18.4	43.3	8.5	6.7	5.6	5.2	0.9	24.0	22.9	0.9	0.5	88.9	27.2	185.5	84.0
J-05	187.4	38.5	18.5	8.5	24.5	9.2	5.2	0.9	23.7	23.1	2.0	7.0	66.7	33.0	327.6	120.2
J-06	164.9	26.9	18.5	8.5	6.7	5.6	5.2	0.9	23.7	23.1	1.0	3.4	67.2	36.1	287.2	104.5
J1-01	18.7	10.0	29.8	5.4	0	0	0	0	0	0	0	0	53.4	13.6	101.9	29.0
J1-02	180.6	32.6	5.0	5.4	17.7	3.5	0	0	0	0	0.9	3.5	40.3	14.8	244.5	59.8
J1-03	155.0	20.0	5.0	5.4	0	0	0	0	0	0	0	0	42.1	14.1	202.1	39.5
J1-04	18.7	10.0	29.8	5.4	0	0	0	0	0	0	0	0	53.4	13.6	101.9	29.0
J1-05	180.6	32.6	5.0	5.4	17.7	3.5	0	0	0	0	0.9	3.5	40.3	14.8	244.5	59.8
J1-06	155.0	20.0	5.0	5.4	0	0	0	0	0	0	0	0	42.1	14.1	202.1	39.5

Source: Maryland Parcel Boundaries, iMAP, Maryland Department of Planning ; Common Ownership Lots, OpenData DC, DCGIS

\*P - includes Full and Partial Permanent property impacts; T - Temporary property impacts that would occur during construction

## **ATTACHMENT C –Recreational Facilities and Parklands**

### **Figures**



**Legend**

- Public/Private Parks and Recreation Areas
- Trails
- J-01 thru J-06
- J1-01 thru J1-06
- J-01 thru J-06 and J1-01 thru J1-06
- Deep Tunnel
- Cut and Cover
- Transition Portals
- Elevated Viaduct

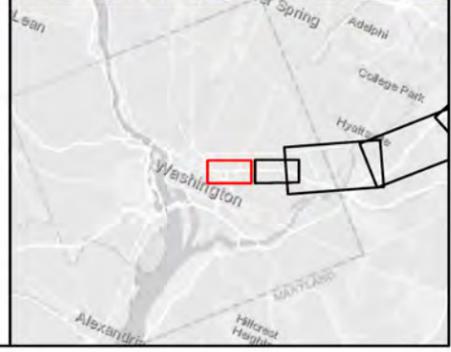
**Recreational Facilities and Parklands**

Important Note: These maps illustrate the Build Alternatives (alignments, stations, TMF, and ancillary facilities). Locations represented are approximate and are subject to change during the planning process.

BALTIMORE WASHINGTON  
SUPERCONDUCTING  
MAGLEV PROJECT

0 500 1,000 Feet

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**Legend**

- Public/Private Parks and Recreation Areas
  - Trails
  - J-01 thru J-06
  - J1-01 thru J1-06
  - J-01 thru J-06 and J1-01 thru J1-06
- 
- Deep Tunnel
  - Cut and Cover
  - Transition Portals
  - Elevated Viaduct

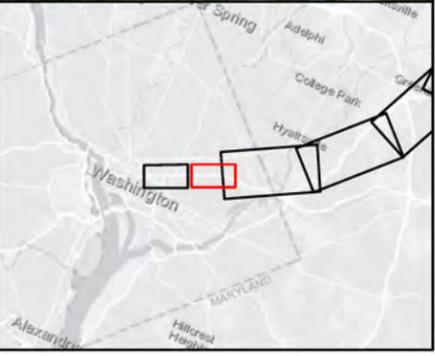
**Recreational Facilities and Parklands**

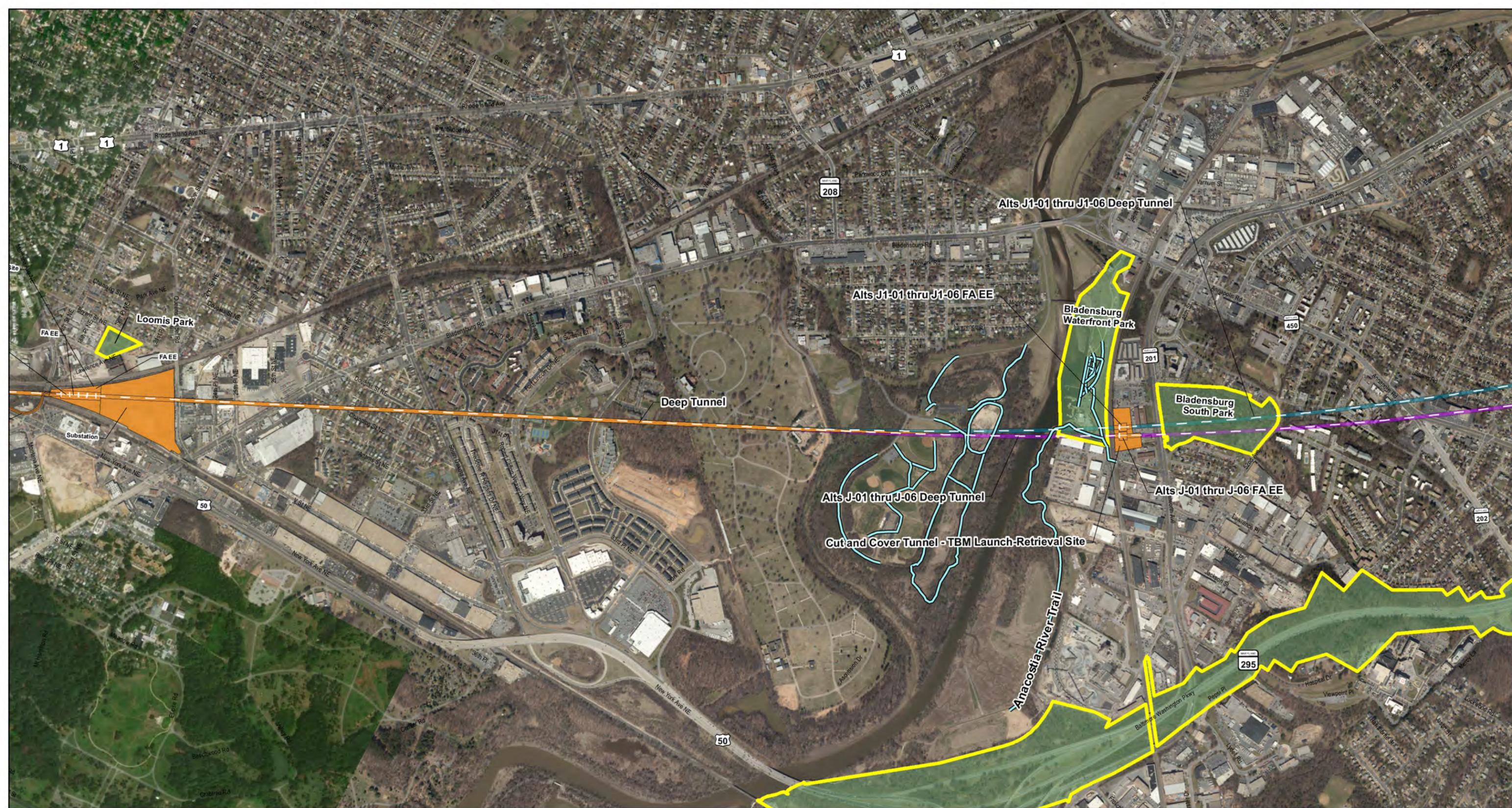
Important Note: These maps illustrate the Build Alternatives (alignments, stations, TMF, and ancillary facilities). Locations represented are approximate and are subject to change during the planning process.

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MAGLEV PROJECT

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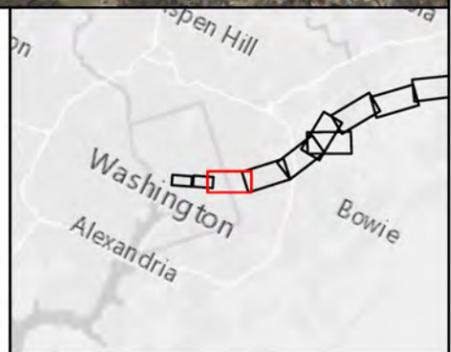
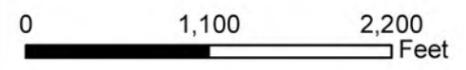
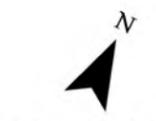


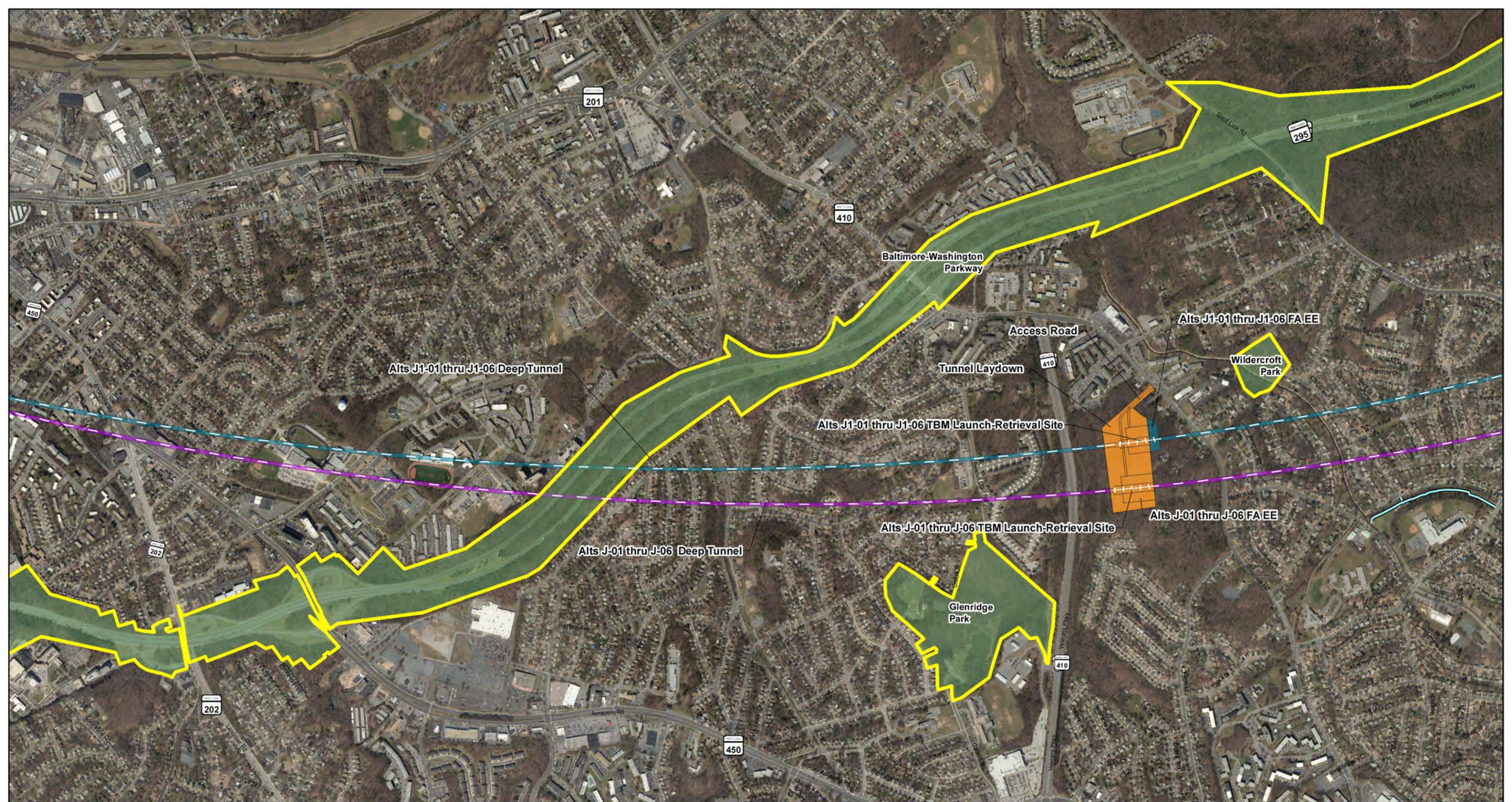
**Legend**

- Public/Private Parks and Recreation Areas
- Trails
- J-01 thru J-06
- J1-01 thru J1-06
- J-01 thru J-06 and J1-01 thru J1-06
- Deep Tunnel
- Cut and Cover
- Transition Portals
- Elevated Viaduct

**Recreational Facilities and Parklands**

Important Note: These maps illustrate the Build Alternatives (alignments, stations, TMF, and ancillary facilities). Locations represented are approximate and are subject to change during the planning process.



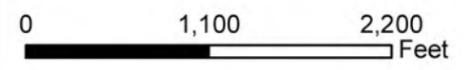


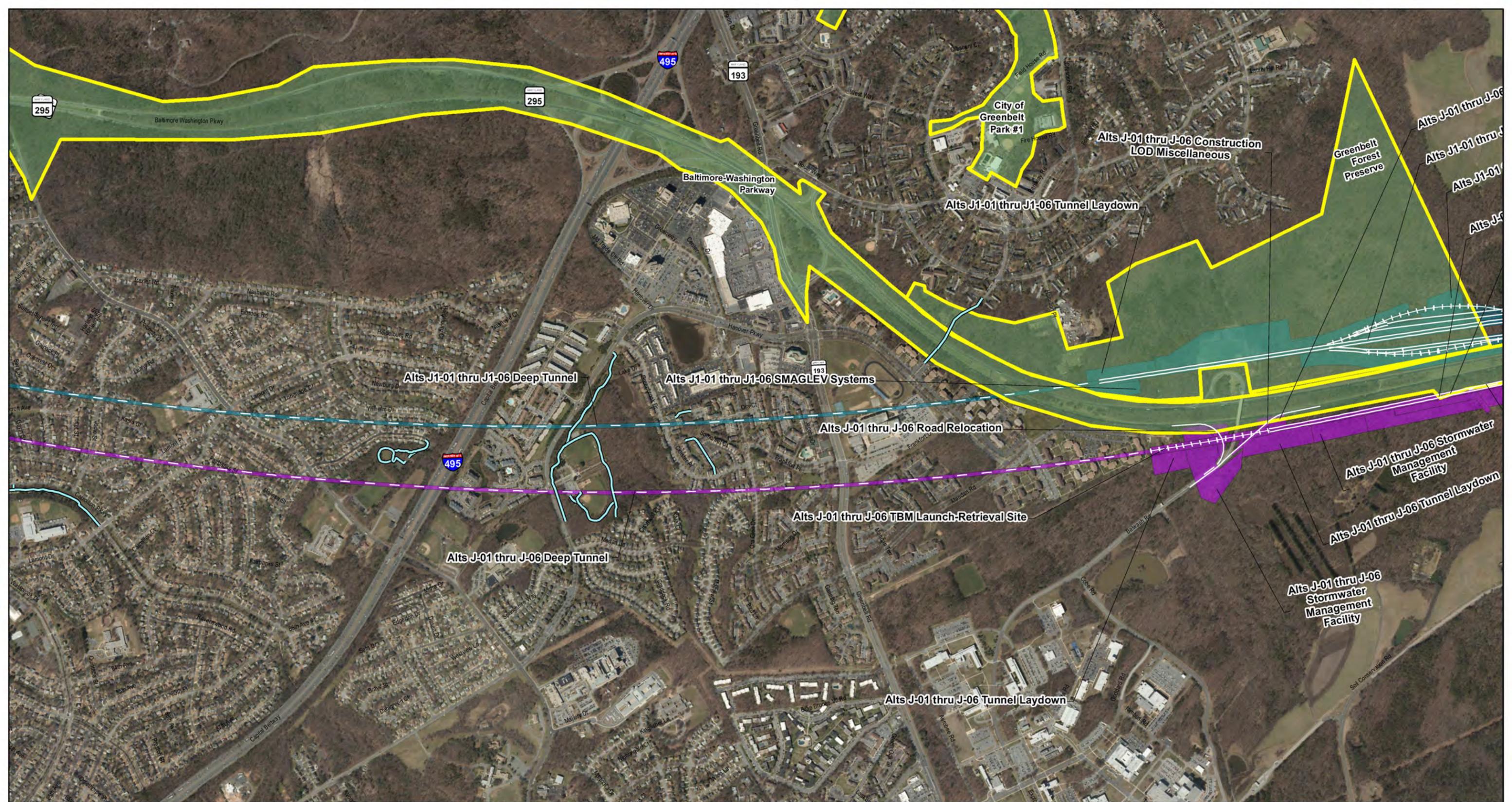
**Legend**

- Public/Private Parks and Recreation Areas
- Trails
- J-01 thru J-06
- J1-01 thru J1-06
- J-01 thru J-06 and J1-01 thru J1-06
- Deep Tunnel
- Cut and Cover
- Transition Portals
- Elevated Viaduct

**Recreational Facilities and Parklands**

Important Note: These maps illustrate the Build Alternatives (alignments, stations, TMF, and ancillary facilities). Locations represented are approximate and are subject to change during the planning process.





**Legend**

- Public/Private Parks and Recreation Areas
- Trails
- J-01 thru J-06
- J1-01 thru J1-06
- J-01 thru J-06 and J1-01 thru J1-06

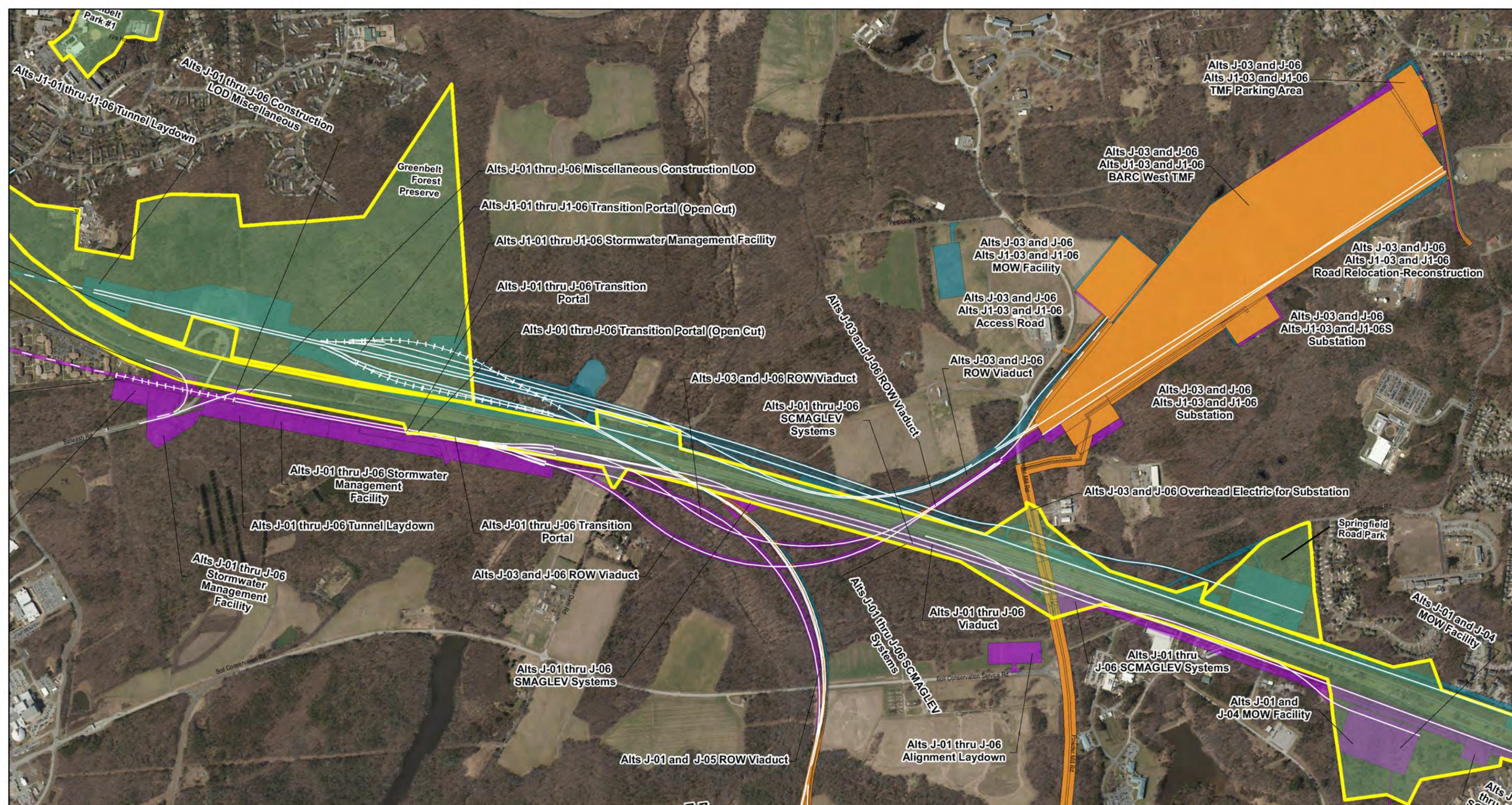
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<span style="display: inline-block; width: 20px; border-bottom: 2px solid gray;"></span>	Elevated Viaduct

## Recreational Facilities and Parklands

Important Note: These maps illustrate the Build Alternatives (alignments, stations, TMF, and ancillary facilities). Locations represented are approximate and are subject to change during the planning process.

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**Legend**

- Public/Private Parks and Recreation Areas
- Trails
- J-01 thru J-06
- J1-01 thru J1-06
- J-01 thru J-06 and J1-01 thru J1-06

- Deep Tunnel
- Cut and Cover
- Transition Portals
- Elevated Viaduct

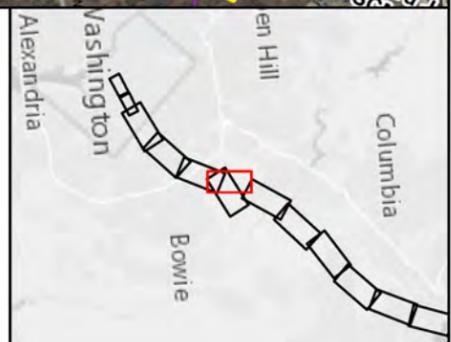
## Recreational Facilities and Parklands

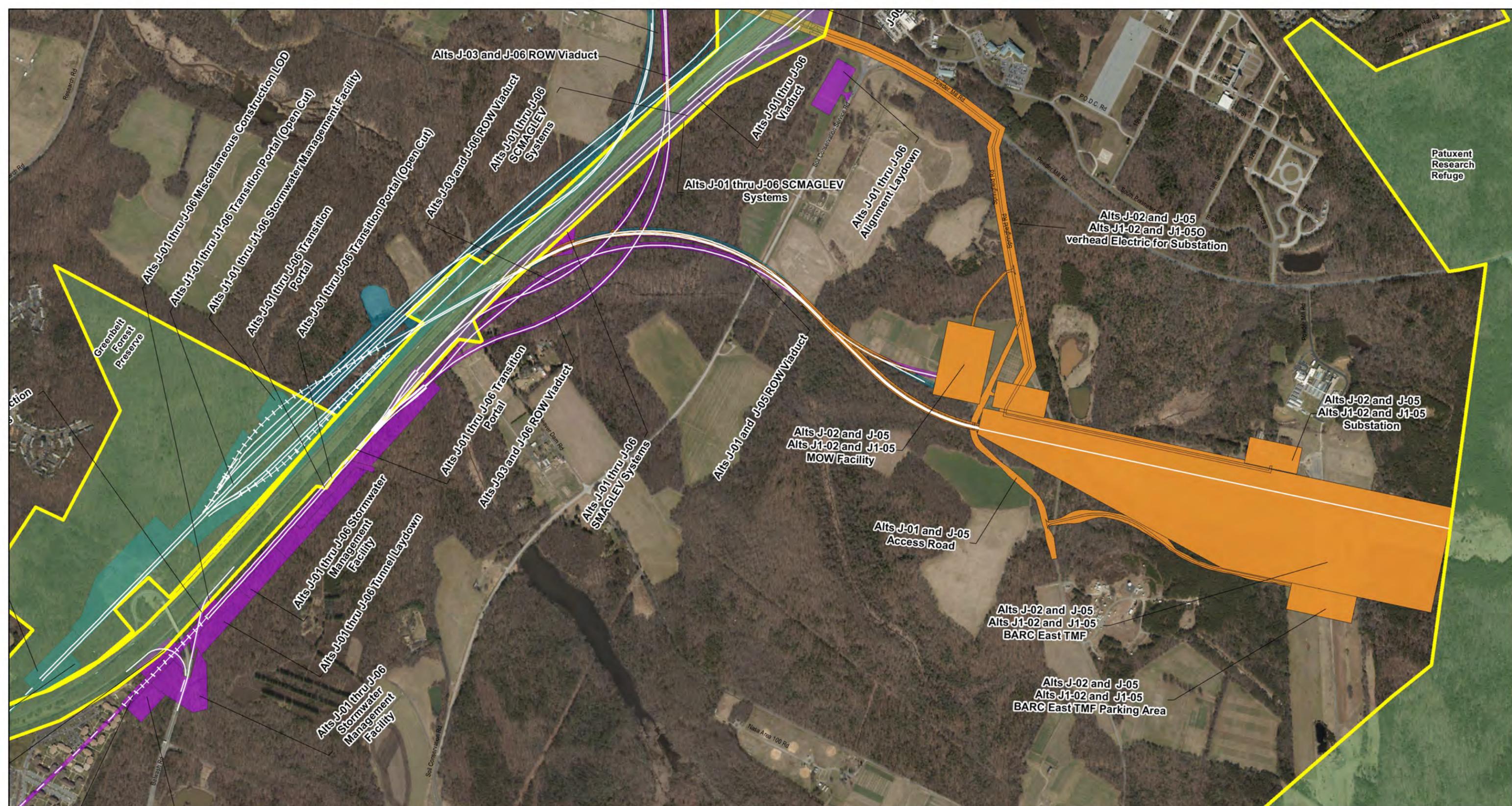
Important Note: These maps illustrate the Build Alternatives (alignments, stations, TMF, and ancillary facilities). Locations represented are approximate and are subject to change during the planning process.

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**Legend**

- Public/Private Parks and Recreation Areas
- Trails
- J-01 thru J-06
- J1-01 thru J1-06
- J-01 thru J-06 and J1-01 thru J1-06

- Deep Tunnel
- Cut and Cover
- Transition Portals
- Elevated Viaduct

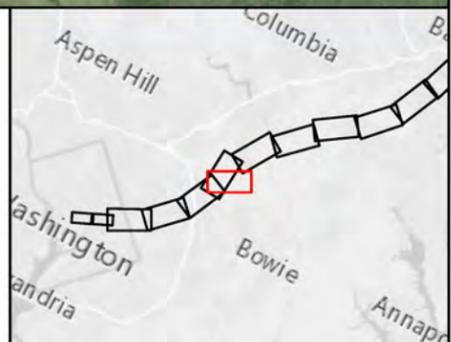
## Recreational Facilities and Parklands

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BALTIMORE WASHINGTON  
SUPERCONDUCTING  
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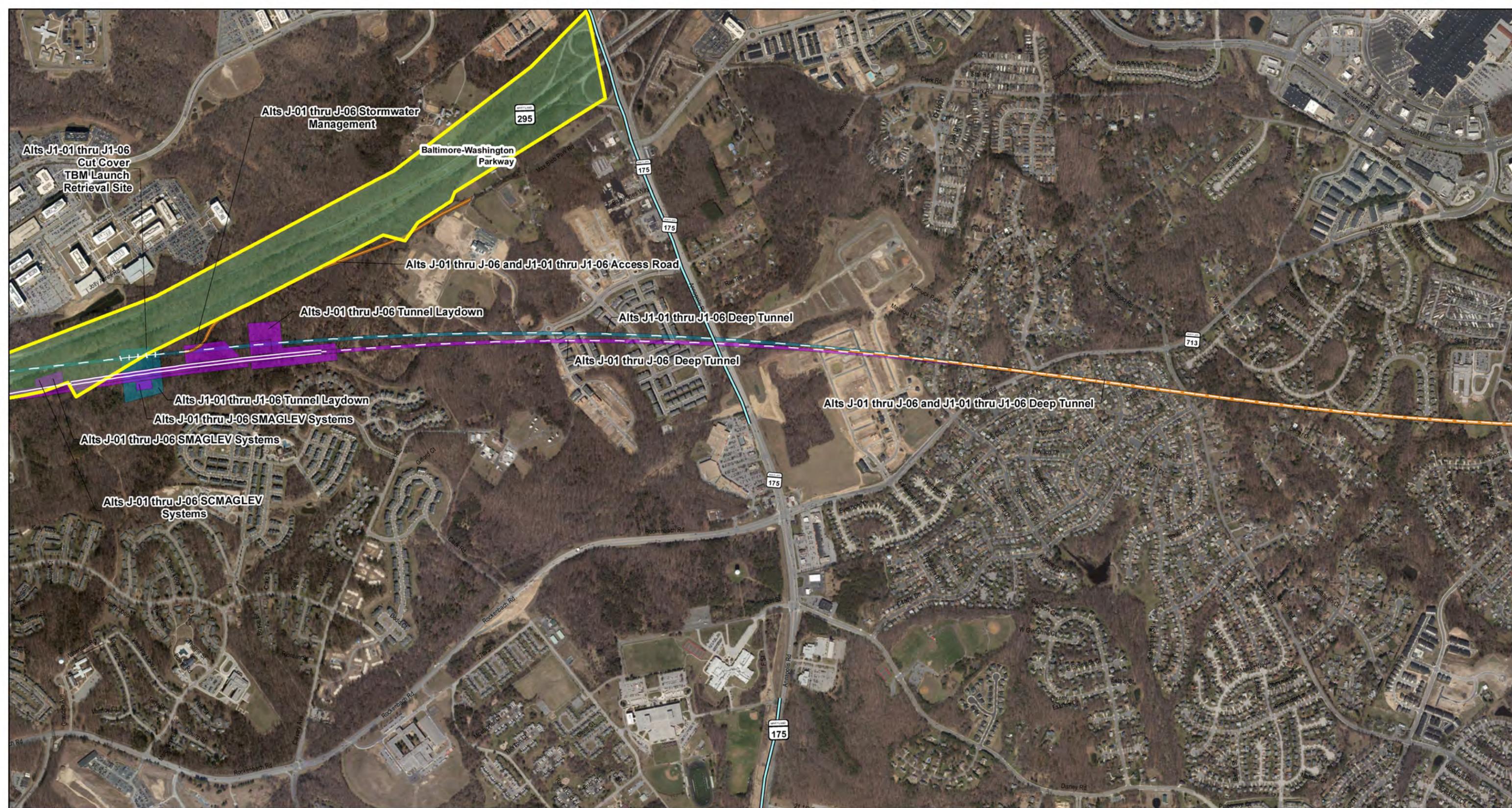
Page 7 of 14

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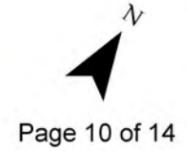


**Legend**

- Public/Private Parks and Recreation Areas
  - Trails
  - J-01 thru J-06
  - J1-01 thru J1-06
  - J-01 thru J-06 and J1-01 thru J1-06
- 
- Deep Tunnel
  - Cut and Cover
  - Transition Portals
  - Elevated Viaduct

**Recreational Facilities and Parklands**

Important Note: These maps illustrate the Build Alternatives (alignments, stations, TMF, and ancillary facilities). Locations represented are approximate and are subject to change during the planning process.





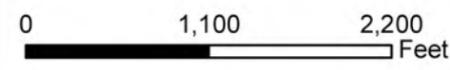
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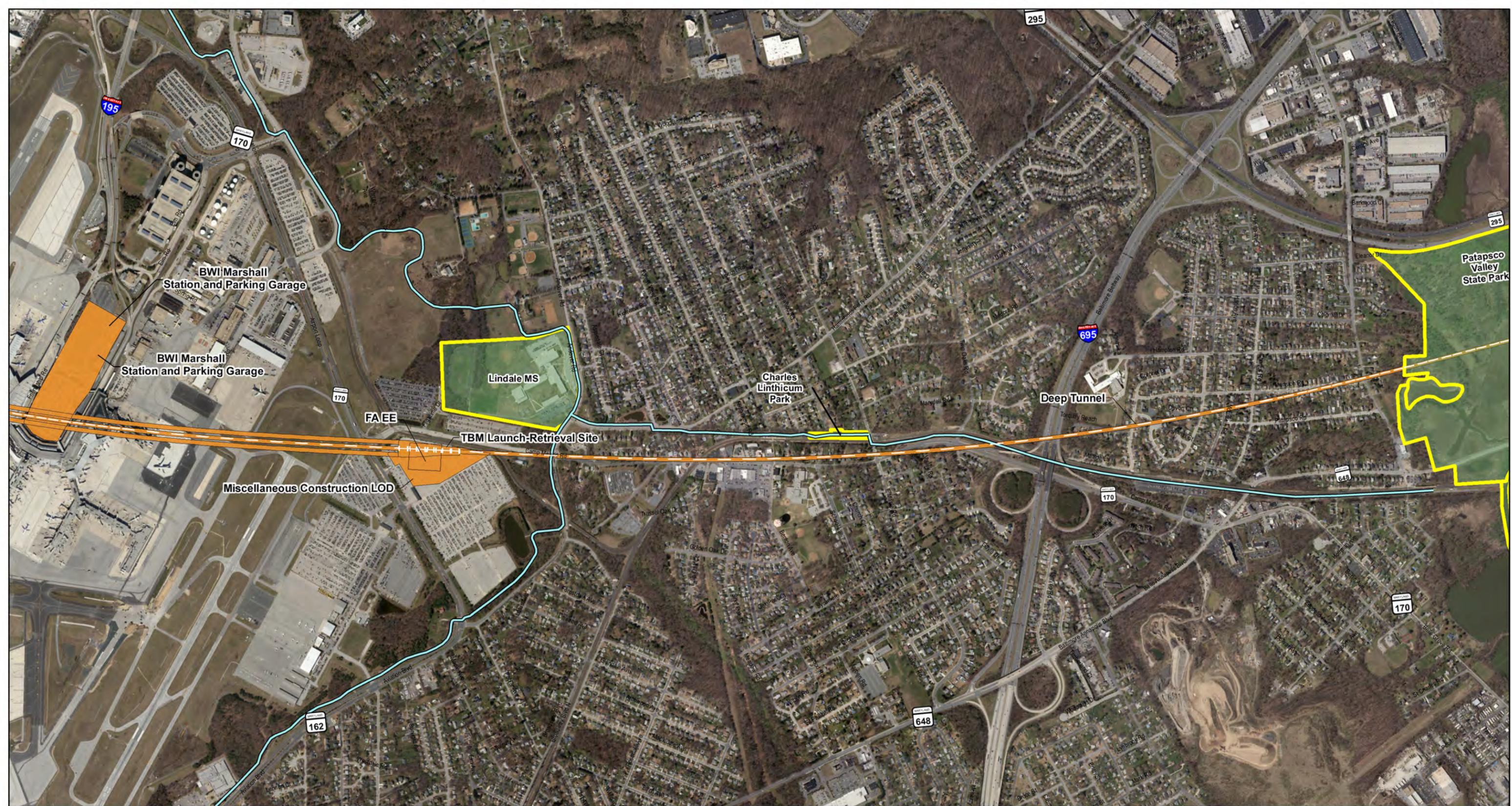
- Public/Private Parks and Recreation Areas
- Trails
- J-01 thru J-06
- J1-01 thru J1-06
- J-01 thru J-06 and J1-01 thru J1-06

- Deep Tunnel
- Cut and Cover
- Transition Portals
- Elevated Viaduct

**Recreational Facilities and Parklands**

Important Note: These maps illustrate the Build Alternatives (alignments, stations, TMF, and ancillary facilities). Locations represented are approximate and are subject to change during the planning process.





**Legend**

- Public/Private Parks and Recreation Areas
- Trails
- J-01 thru J-06
- J1-01 thru J1-06
- J-01 thru J-06 and J1-01 thru J1-06

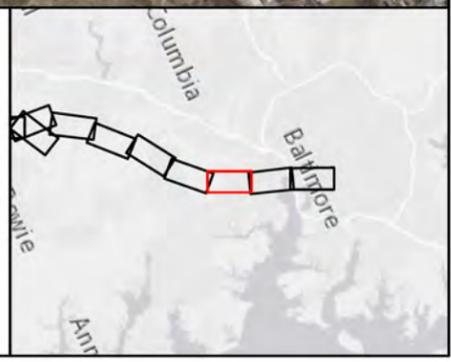
	Deep Tunnel
	Cut and Cover
	Transition Portals
	Elevated Viaduct

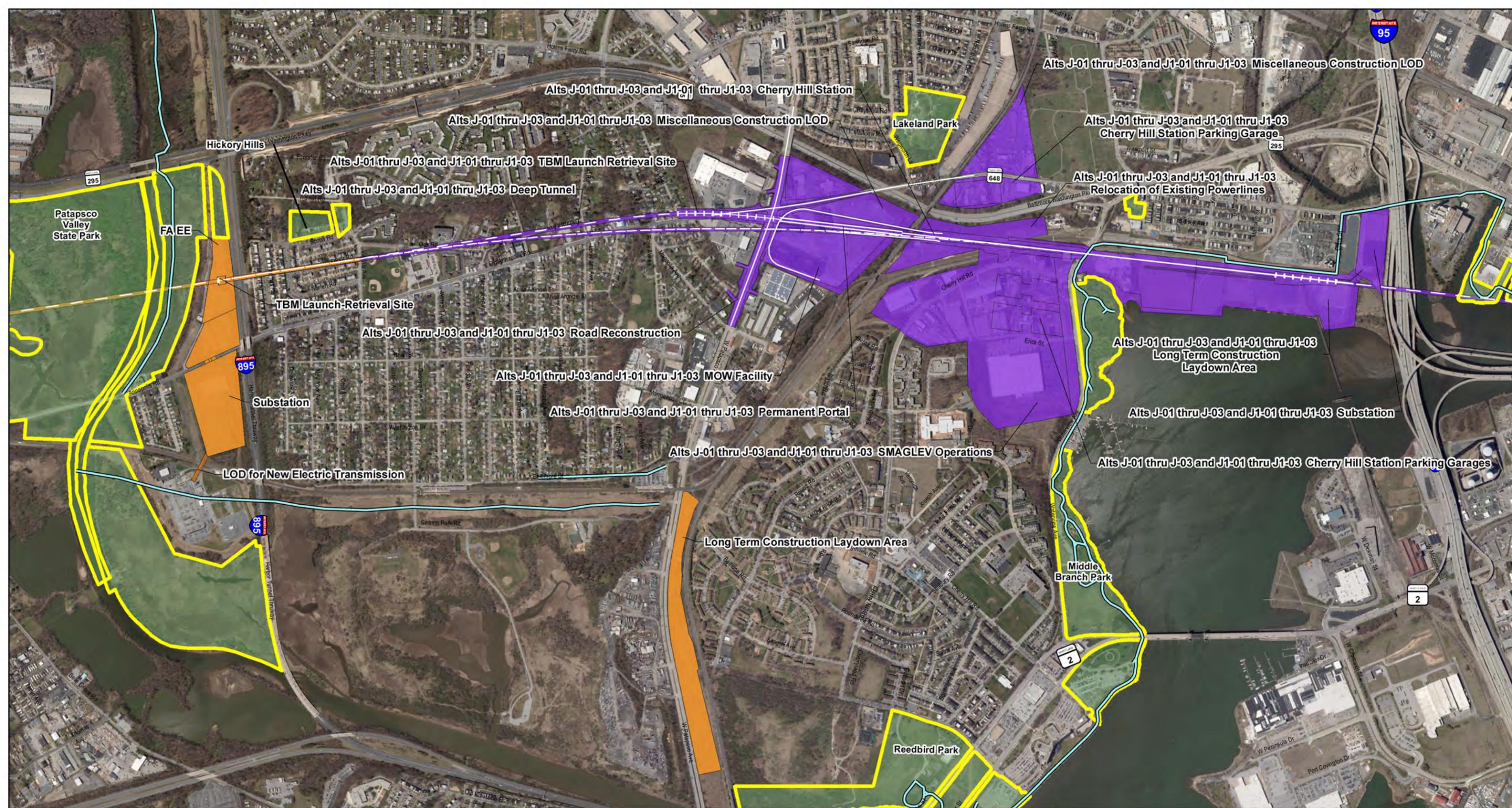
## Recreational Facilities and Parklands

Important Note: These maps illustrate the Build Alternatives (alignments, stations, TMF, and ancillary facilities). Locations represented are approximate and are subject to change during the planning process.

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**Legend**

- Public/Private Parks and Recreation Areas
- Trails
- J-01 thru J-06
- J1-01 thru J1-06
- J-01 thru J-06 and J1-01 thru J1-06
- Deep Tunnel
- Cut and Cover
- Transition Portals
- Elevated Viaduct

**Recreational Facilities and Parklands**

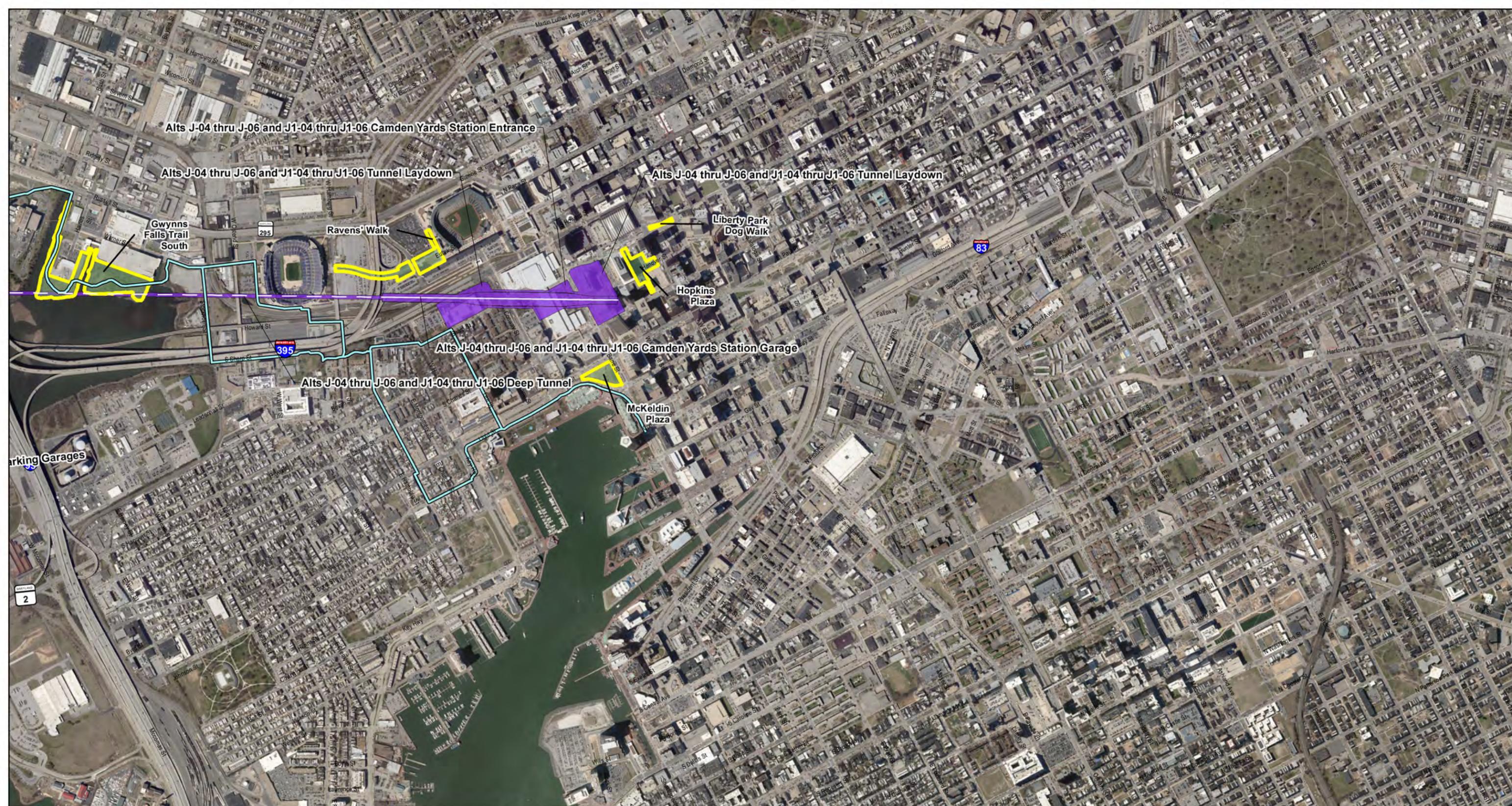
Important Note: These maps illustrate the Build Alternatives (alignments, stations, TMF, and ancillary facilities). Locations represented are approximate and are subject to change during the planning process.

BALTIMORE WASHINGTON SUPERCONDUCTING MAGLEV PROJECT

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0 1,100 2,200 Feet





**Legend**

- Public/Private Parks and Recreation Areas
- J-01 thru J-06
- J1-01 thru J1-06
- J-01 thru J-06 and J1-01 thru J1-06
- Deep Tunnel
- Cut and Cover
- Transition Portals
- Elevated Viaduct
- Trails

## Recreational Facilities and Parklands

Important Note: These maps illustrate the Build Alternatives (alignments, stations, TMF, and ancillary facilities). Locations represented are approximate and are subject to change during the planning process.

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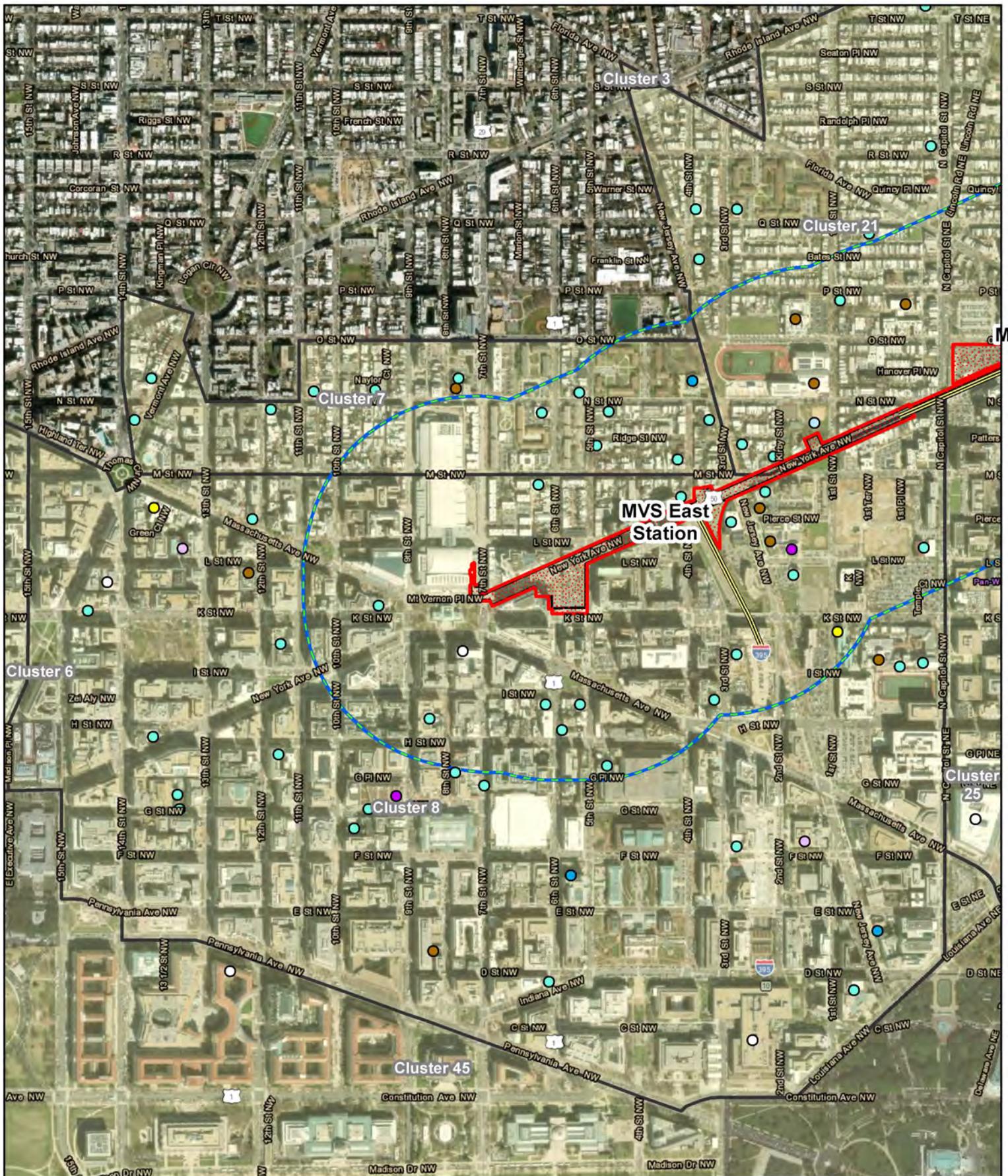
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**ATTACHMENT D – Neighborhoods and Community Facilities**  
**Map Book**

## Impacted Community Facilities Map Key

Facility Name	Facility Type	County	Neighborhood/Area	Community Map Identifier	Page Number
Adams Place Emergency Shelter	Shelter	DC	Cluster 22	1	3
Tabernacle Church of Laurel	Place of Worship	PG	South Laurel	2	12
Montpelier Elementary School	School	PG	South Laurel	3	12
New Life Christian Center	Place of Worship	PG	South Laurel	4	12
Montpelier Post Office	Post Office	PG	South Laurel	5	12, 13
Snowden Cemetery	Cemetery	AnneArundel	Patuxent Research Refuge	6	13
Resurrection Church	Place of Worship	AnneArundel	Maryland City	7	13
Monarch Global Academy	School	AnneArundel	Maryland City	8	13
Brock Bridge Elementary School	School	AnneArundel	Maryland City	9	14
Waxters Children Center	Correctional Facility	AnneArundel	Maryland City	10	14
Woodland Job Corps	School	AnneArundel	Maryland City	11	15
New Beginnings Youth Development Center/Maya Angelou Academy at New Beginnings	Correctional Facility	AnneArundel	Maryland City	12	15
Training School Cemetery	Cemetery	AnneArundel	Maryland City	13	15, 16
Arundel Elementary/Middle School	School	BaltCity	Cherry Hill	14	22, 23
Kingdom Hall of Jehovah's Witnesses	Place of Worship	BaltCity	Cherry Hill	15	22, 23
Medmark Treatment Centers Cherry Hill	Health Center	BaltCity	Cherry Hill	16	22, 23
Mount Auburn Cemetery	Cemetery	BaltCity	Westport	17	23
Westport Academy Elementary/Middle School	School	BaltCity	Westport	18	23
Old Otterbein United	Place of Worship	BaltCity	Downtown West	19	24, 25
Concentra Urgent Care - Baltimore Downtown	Health Center	BaltCity	Downtown West	20	24, 25



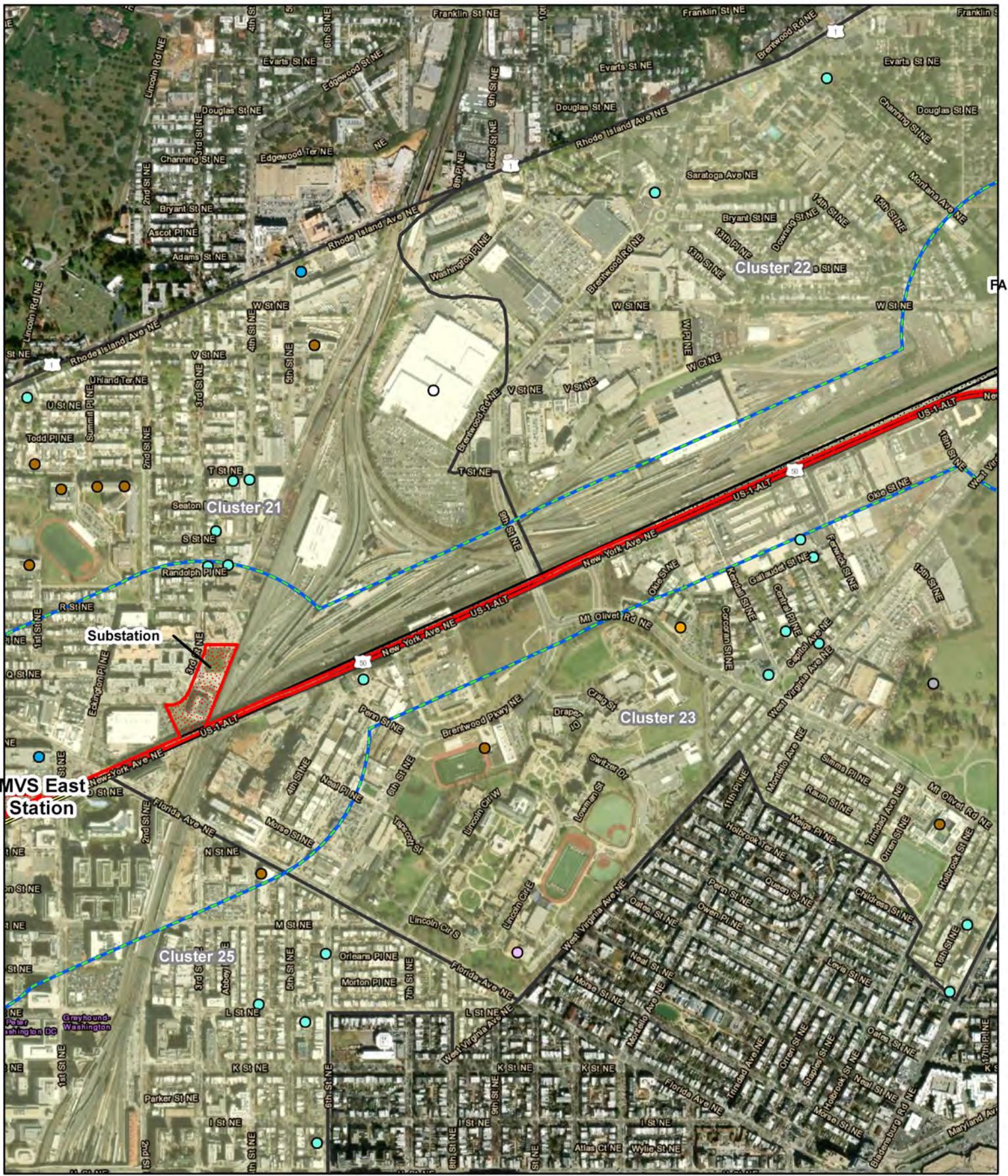
Facility Type		Alignment Details	
	Assisted Living		Surface LOD
	Cemetery		Tunnel LOD
	Place of Worship		Alternative J Affected Environment
	University		Alternative J1 Affected Environment
	Correctional Facility		Neighborhood
	Daycare		Haul Road
	Fire Station / Police Station		
	Health Center		
	Hospital		
	Library		
	Post Office		
	Recreational Area		
	School		
	Shelter		

**NEIGHBORHOODS & COMMUNITY FACILITIES**

**SCMAGLEV**

FIGURE D-1

SHEET 1 OF 25



Facility Type		Alignment Details	
Assisted Living	Daycare	Post Office	Surface LOD
Cemetery	Fire Station / Police Station	Recreational Area	Tunnel LOD
Place of Worship	Health Center	School	Alternative J Affected Environment
University	Hospital	Shelter	Alternative J1 Affected Environment
Correctional Facility	Library	Neighborhood	Haul Road

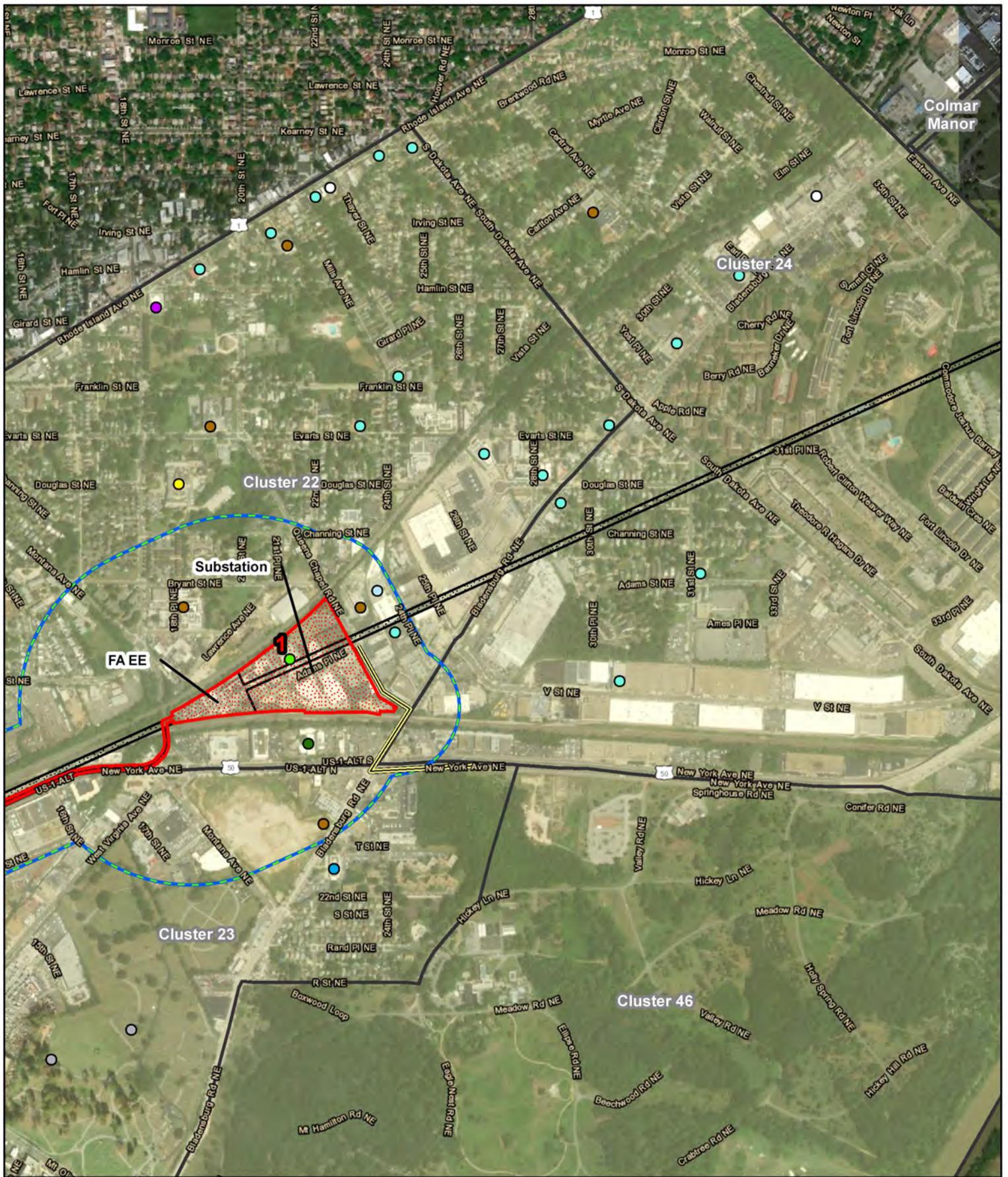



**NEIGHBORHOODS & COMMUNITY FACILITIES**

SCMAGLEV

FIGURE D-1

SHEET 2 OF 25



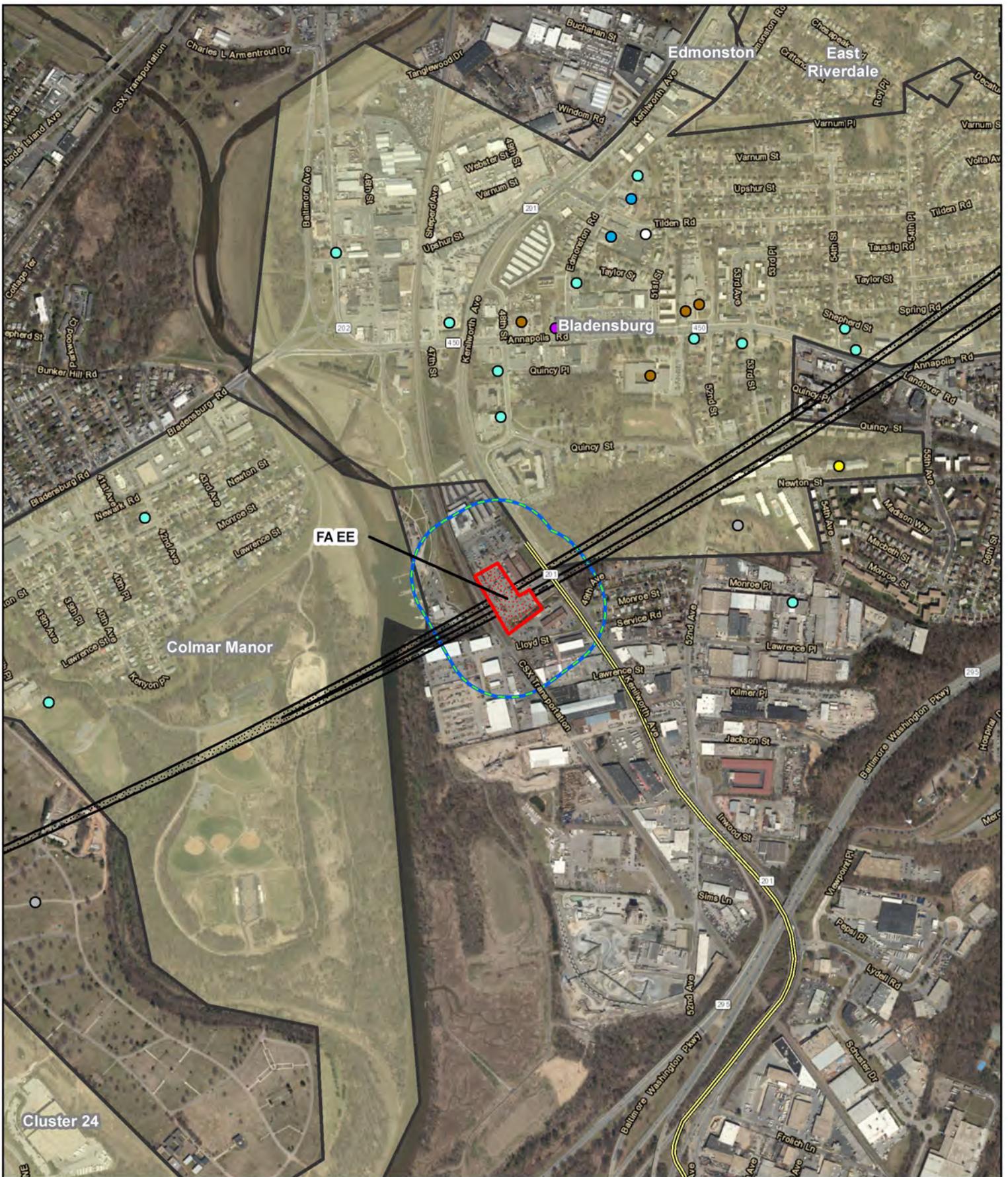
Facility Type			Alignment Details	
	Assisted Living			Surface LOD
	Cemetery			Tunnel LOD
	Place of Worship			Alternative J Affected Environment
	University			Alternative J1 Affected Environment
	Correctional Facility			Haul Road
	Daycare			Neighborhood
	Fire Station / Police Station			
	Health Center			
	Hospital			
	Library			
	Post Office			
	Recreational Area			
	School			
	Shelter			

**NEIGHBORHOODS & COMMUNITY FACILITIES**

SCMAGLEV

FIGURE D-1

SHEET 3 OF 25



Facility Type			Alignment Details	
● Assisted Living	● Daycare	○ Post Office	Surface LOD	Alternative J Affected Environment
● Cemetery	● Fire Station / Police Station	○ Recreational Area	Tunnel LOD	Alternative J1 Affected Environment
● Place of Worship	● Health Center	● School	Haul Road	
● University	● Hospital	● Shelter		
● Correctional Facility	● Library	○ Neighborhood		

**NEIGHBORHOODS & COMMUNITY FACILITIES**

SCMAGLEV

FIGURE D-1

SHEET 4 OF 25



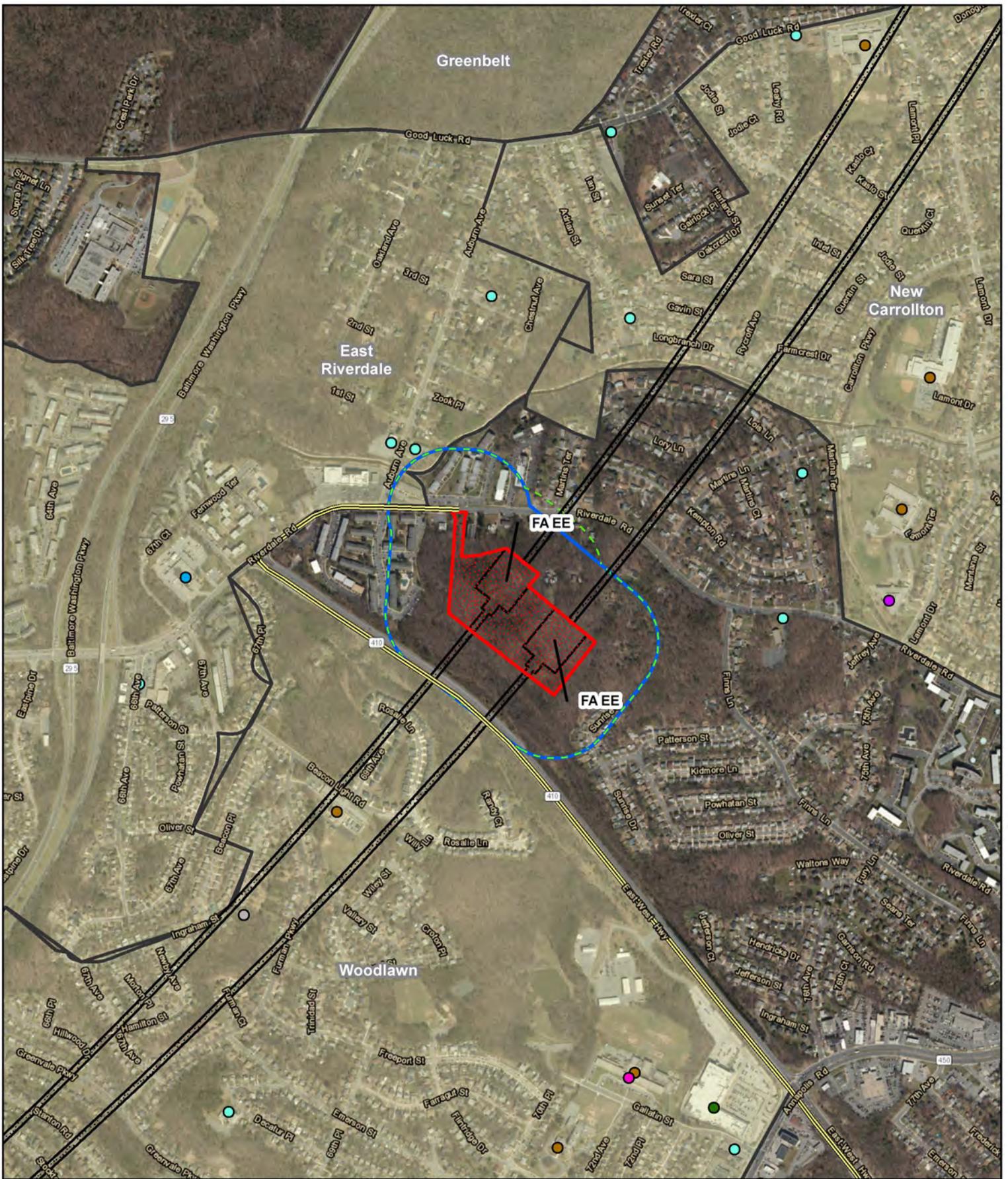
Facility Type			Alignment Details	
● Assisted Living	● Daycare	○ Post Office	■ Surface LOD	■ Tunnel LOD
● Cemetery	● Fire Station / Police Station	○ Recreational Area	■ Alternative J Affected Environment	■ Alternative J1 Affected Environment
● Place of Worship	● Health Center	● School	■ Haul Road	
● University	● Hospital	● Shelter		
● Correctional Facility	● Library	■ Neighborhood		

**NEIGHBORHOODS & COMMUNITY FACILITIES**

SCMAGLEV

FIGURE D-1

SHEET 5 OF 25



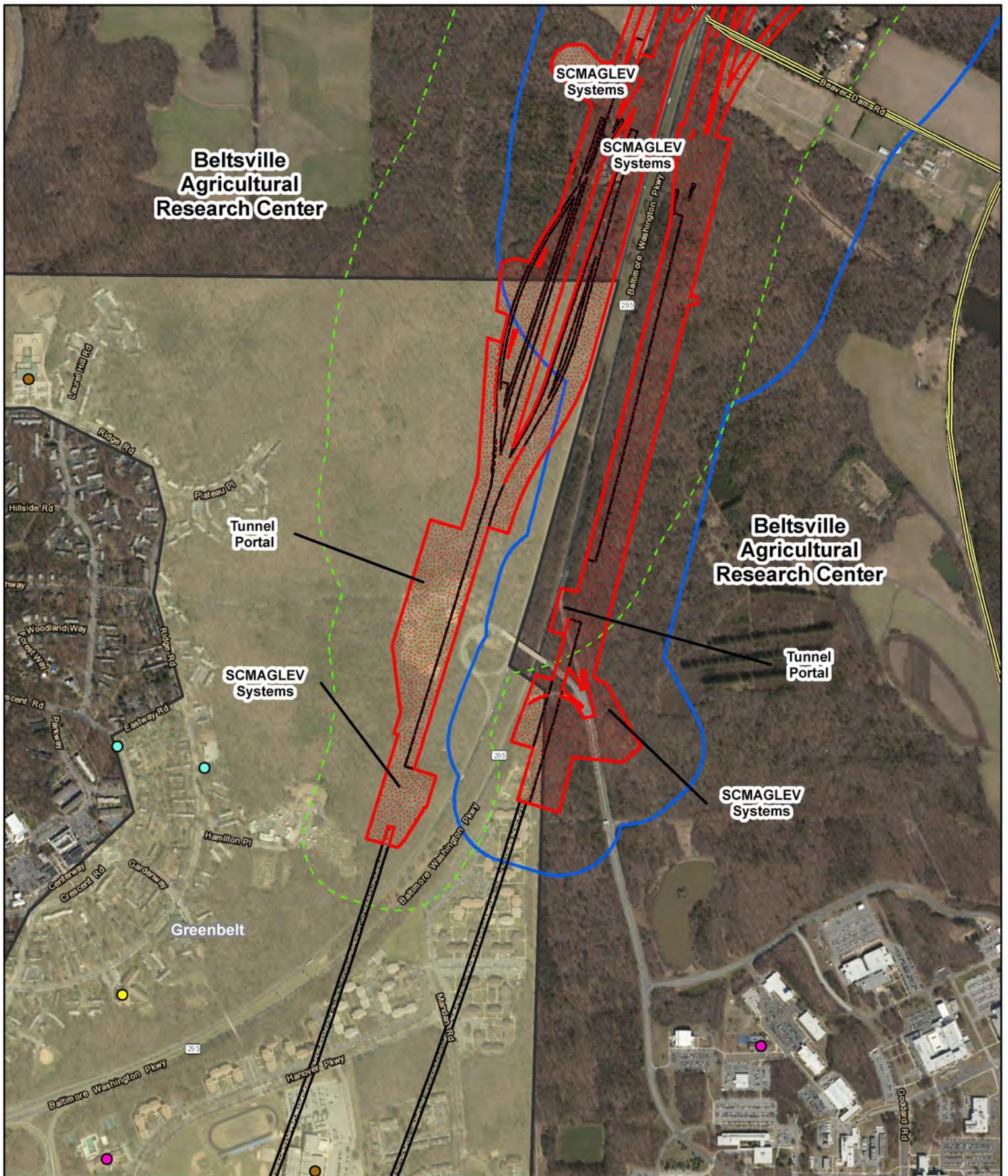
Facility Type			Alignment Details	
	Assisted Living			Surface LOD
	Cemetery			Tunnel LOD
	Place of Worship			Alternative J Affected Environment
	University			Alternative J1 Affected Environment
	Correctional Facility			Haul Road
	Daycare			Post Office
	Fire Station / Police Station			Recreational Area
	Health Center			School
	Hospital			Shelter
	Library			Neighborhood

**NEIGHBORHOODS & COMMUNITY FACILITIES**

SCMAGLEV

FIGURE D-1

SHEET 6 OF 25



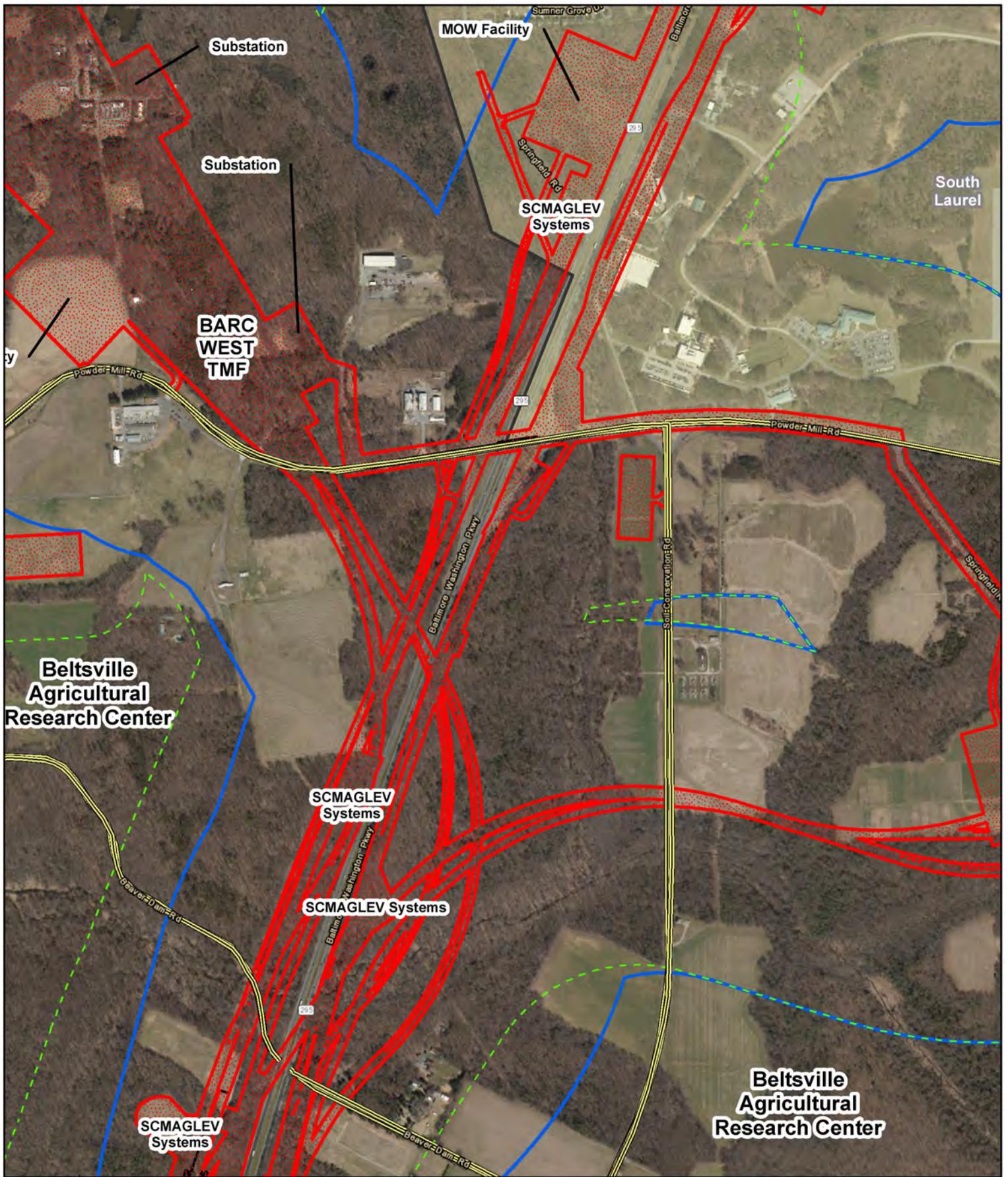
Facility Type			Alignment Details		
● Assisted Living	● Daycare	○ Post Office	■ Surface LOD	■ Tunnel LOD	■ Alternative J Affected Environment
● Cemetery	● Fire Station / Police Station	○ Recreational Area	■ Alternative J1 Affected Environment	■ Haul Road	
● Place of Worship	● Health Center	● School			
● University	● Hospital	● Shelter			
● Correctional Facility	● Library	■ Neighborhood			

**NEIGHBORHOODS & COMMUNITY FACILITIES**

SCMAGLEV

FIGURE D-1

SHEET 7 OF 25



Facility Type			Alignment Details		
● Assisted Living	● Daycare	○ Post Office	▨ Surface LOD	▨ Tunnel LOD	▭ Alternative J Affected Environment
○ Cemetery	● Fire Station / Police Station	○ Recreational Area	▭ Alternative J1 Affected Environment	▭ Haul Road	
● Place of Worship	● Health Center	● School			
○ University	● Hospital	● Shelter			
● Correctional Facility	● Library	▭ Neighborhood			

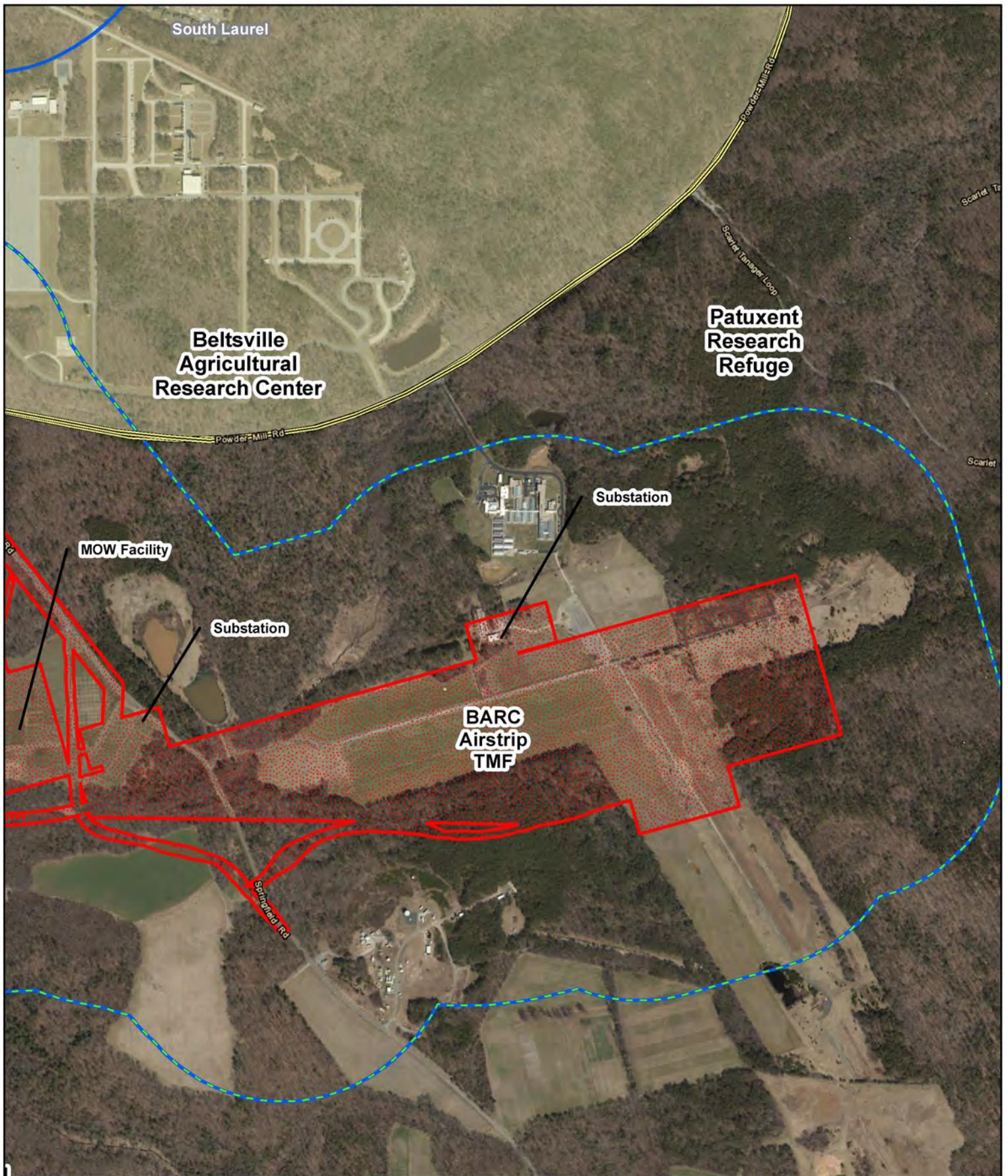



**NEIGHBORHOODS & COMMUNITY FACILITIES**

SCMAGLEV

FIGURE D-1

SHEET 8 OF 25



Facility Type			Alignment Details		
● Assisted Living	● Daycare	○ Post Office	▨ Surface LOD	▨ Tunnel LOD	▭ Alternative J Affected Environment
○ Cemetery	● Fire Station / Police Station	○ Recreational Area	▭ Alternative J1 Affected Environment	▭ Haul Road	
● Place of Worship	● Health Center	● School			
○ University	● Hospital	● Shelter			
● Correctional Facility	● Library	▭ Neighborhood			

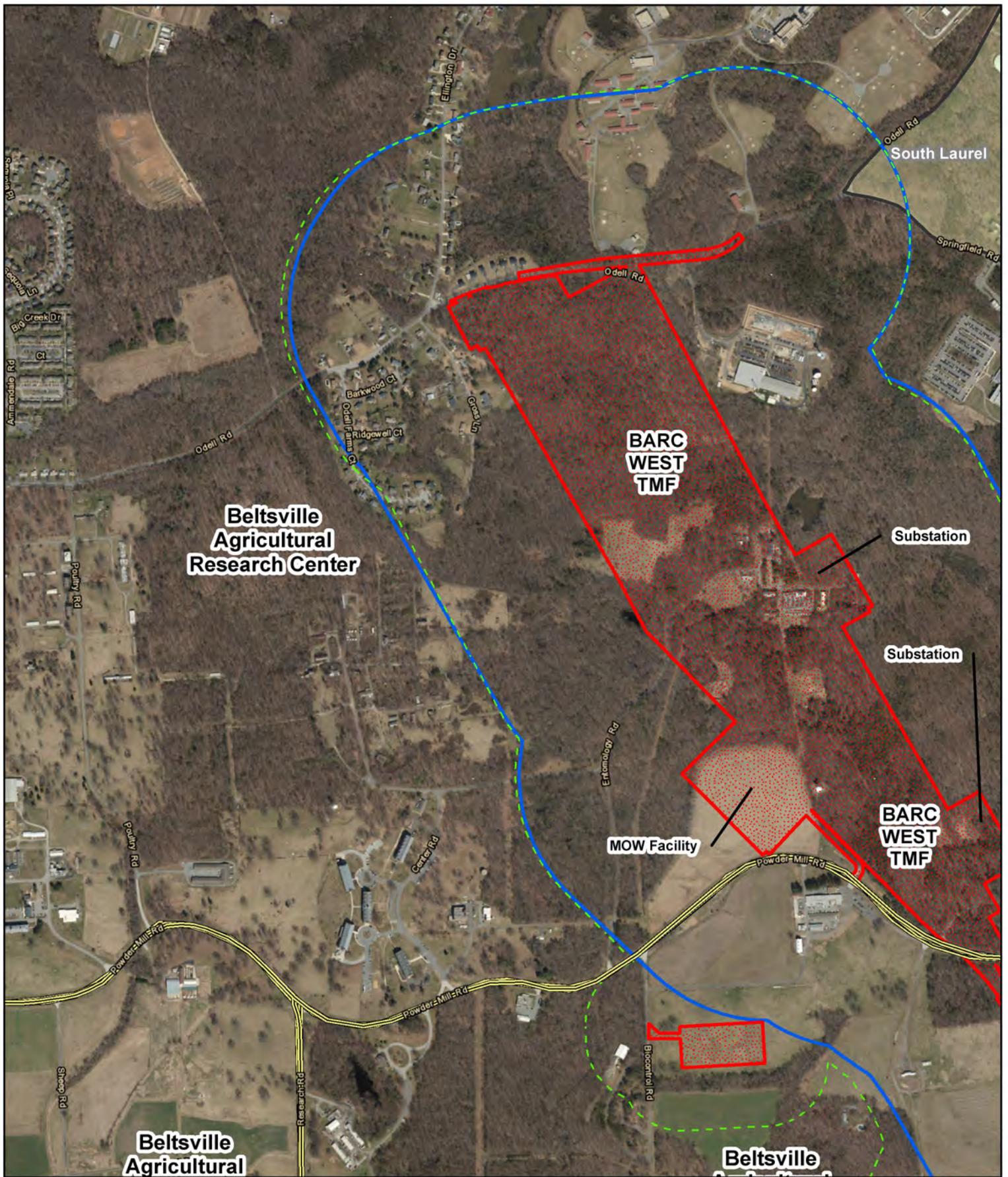

  


**NEIGHBORHOODS & COMMUNITY FACILITIES**

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FIGURE D-1

SHEET 9 OF 25



Facility Type			Alignment Details		
● Assisted Living	● Daycare	○ Post Office	■ Surface LOD	■ Tunnel LOD	■ Alternative J Affected Environment
● Cemetery	● Fire Station / Police Station	○ Recreational Area	■ Alternative J1 Affected Environment	■ Haul Road	
● Place of Worship	● Health Center	● School			
● University	● Hospital	● Shelter			
● Correctional Facility	● Library	■ Neighborhood			

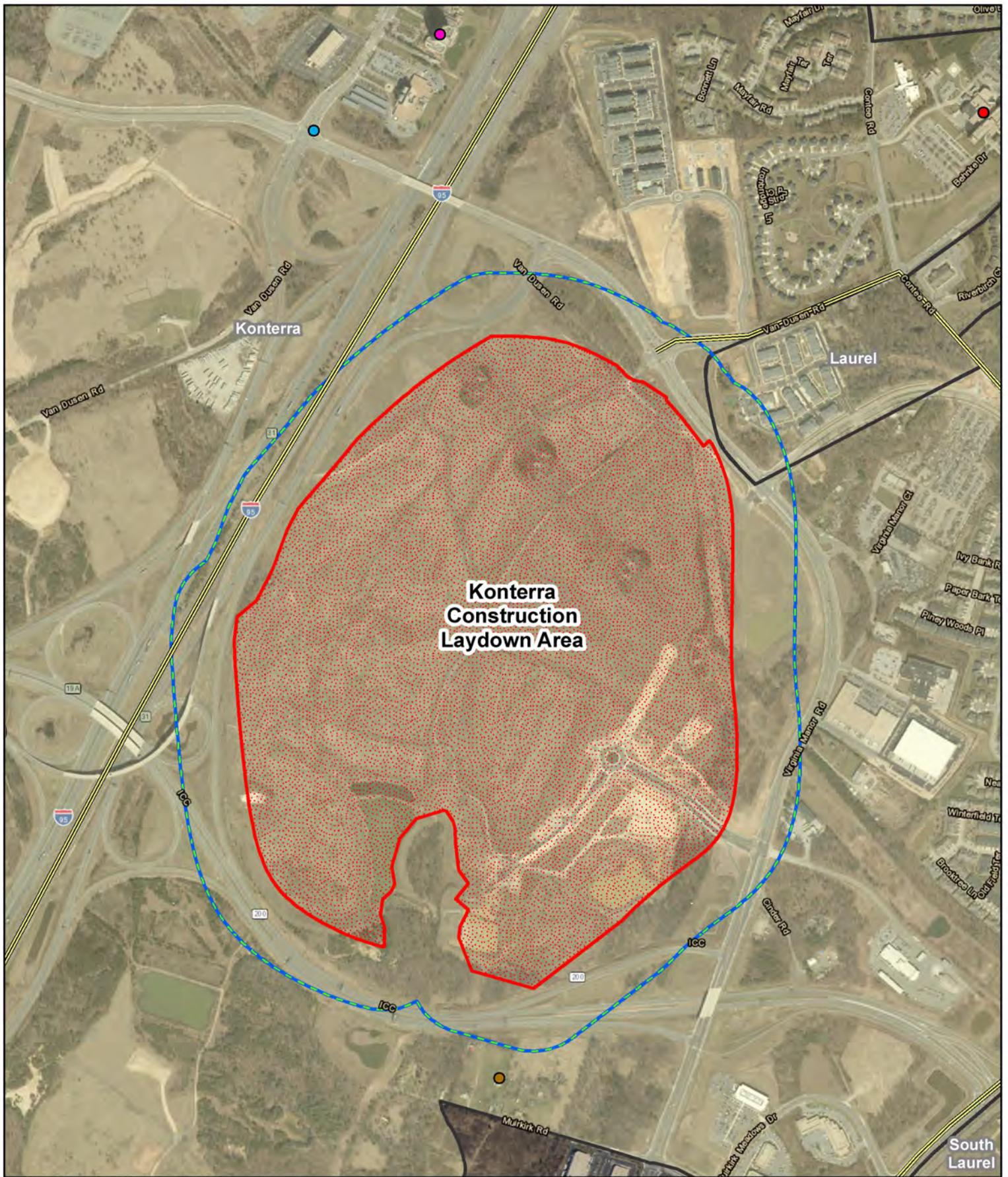



**NEIGHBORHOODS & COMMUNITY FACILITIES**

SCMAGLEV

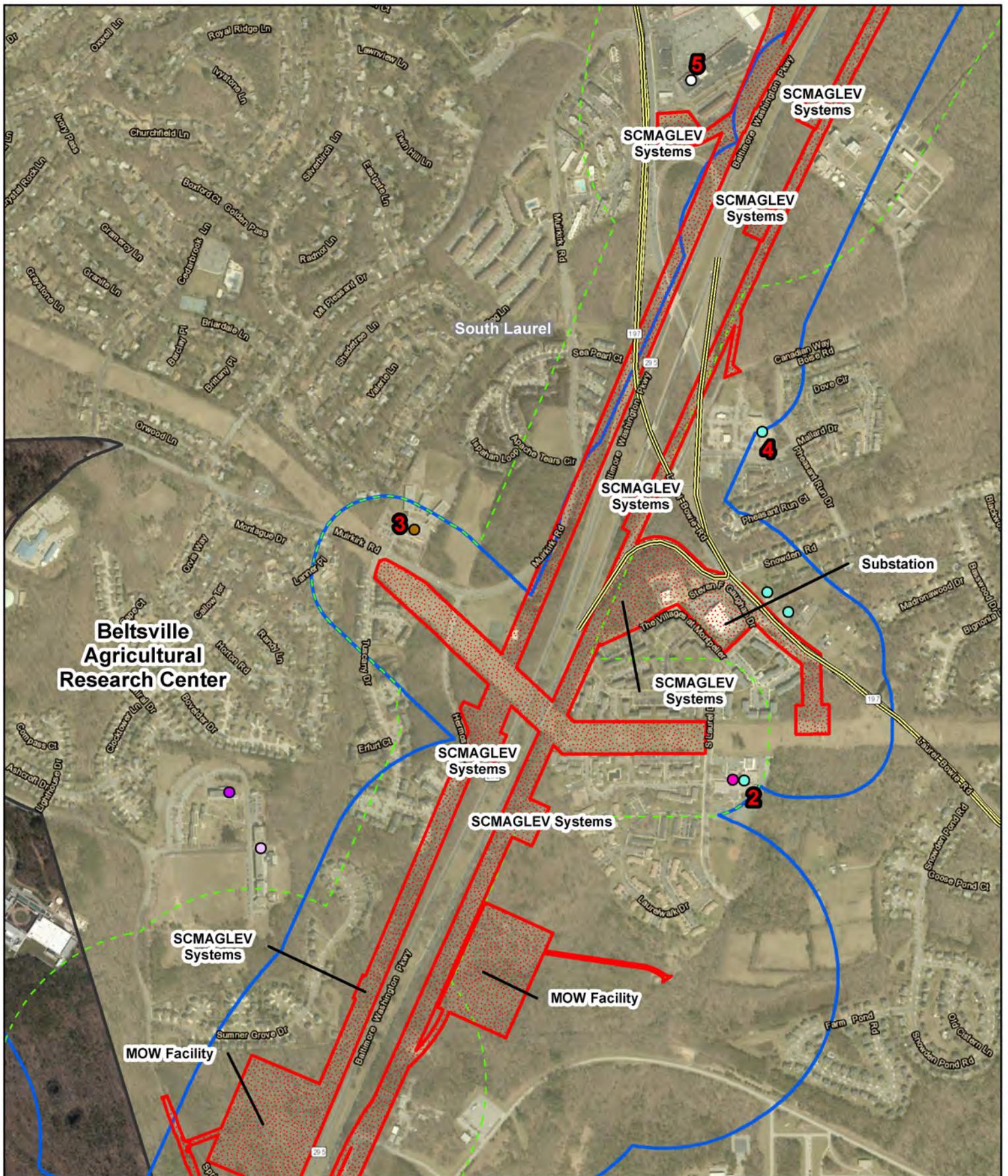
FIGURE D-1

SHEET 10 OF 25



Facility Type			Alignment Details		
● Assisted Living	● Daycare	○ Post Office	■ Surface LOD	■ Tunnel LOD	■ Alternative J Affected Environment
● Cemetery	● Fire Station / Police Station	○ Recreational Area	■ Alternative J1 Affected Environment	■ Haul Road	
● Place of Worship	● Health Center	● School			
● University	● Hospital	● Shelter			
● Correctional Facility	● Library	■ Neighborhood			

**NEIGHBORHOODS & COMMUNITY FACILITIES**  
**SCMAGLEV**  
**FIGURE D-1**  
**SHEET 11 OF 25**



Facility Type		Alignment Details	
● Assisted Living	● Daycare	○ Post Office	▨ Surface LOD
● Cemetery	● Fire Station / Police Station	○ Recreational Area	▨ Tunnel LOD
● Place of Worship	● Health Center	● School	▨ Alternative J Affected Environment
● University	● Hospital	● Shelter	▨ Alternative J1 Affected Environment
● Correctional Facility	● Library	▨ Neighborhood	▨ Haul Road

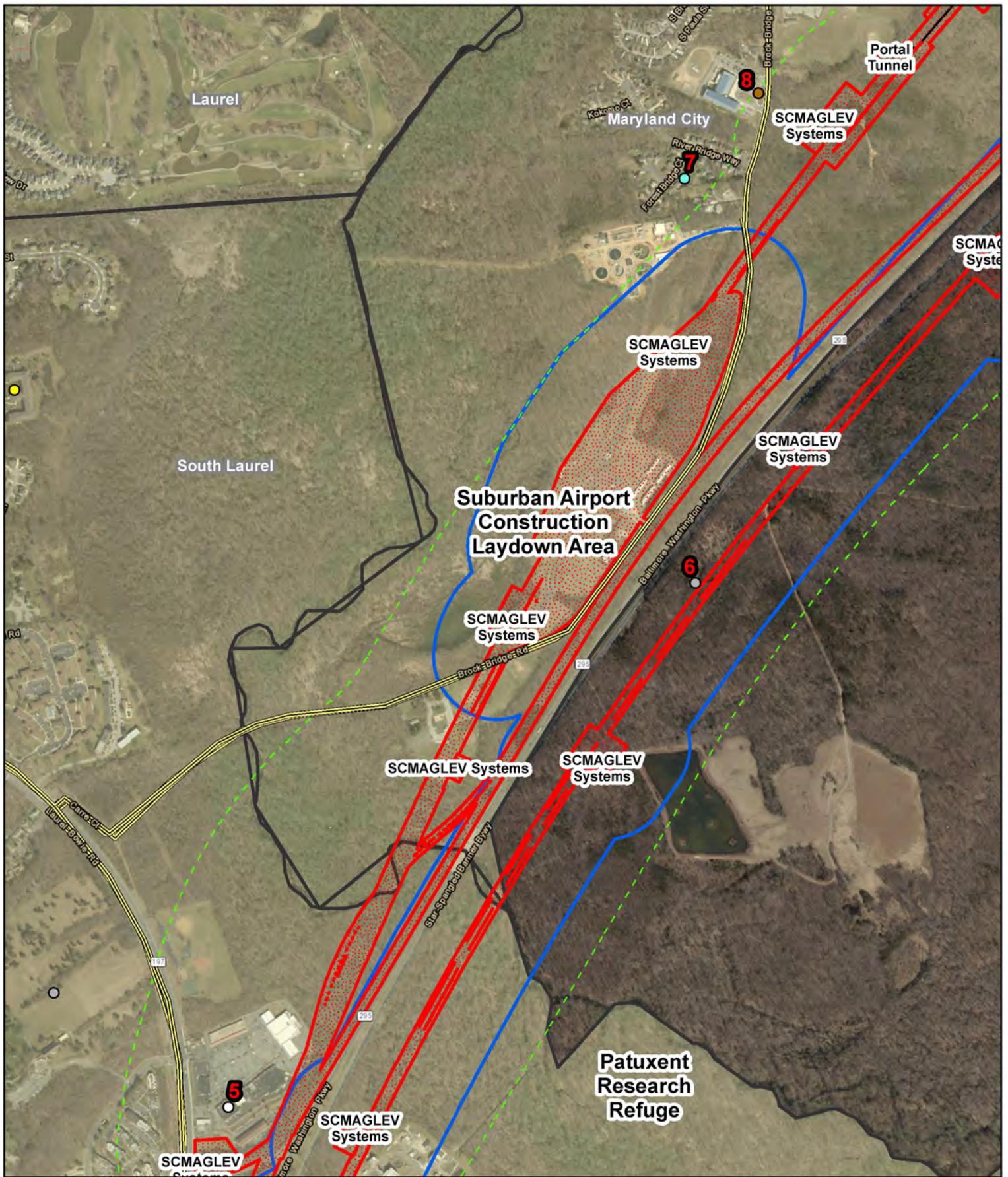



**NEIGHBORHOODS & COMMUNITY FACILITIES**

**SCMAGLEV**

FIGURE D-1

SHEET 12 OF 25



Facility Type			Alignment Details		
● Assisted Living	● Daycare	○ Post Office	■ Surface LOD	■ Tunnel LOD	— Alternative J Affected Environment
○ Cemetery	● Fire Station / Police Station	○ Recreational Area	■ Alternative J1 Affected Environment	— Haul Road	
● Place of Worship	● Health Center	● School			
○ University	● Hospital	● Shelter			
● Correctional Facility	● Library	■ Neighborhood			

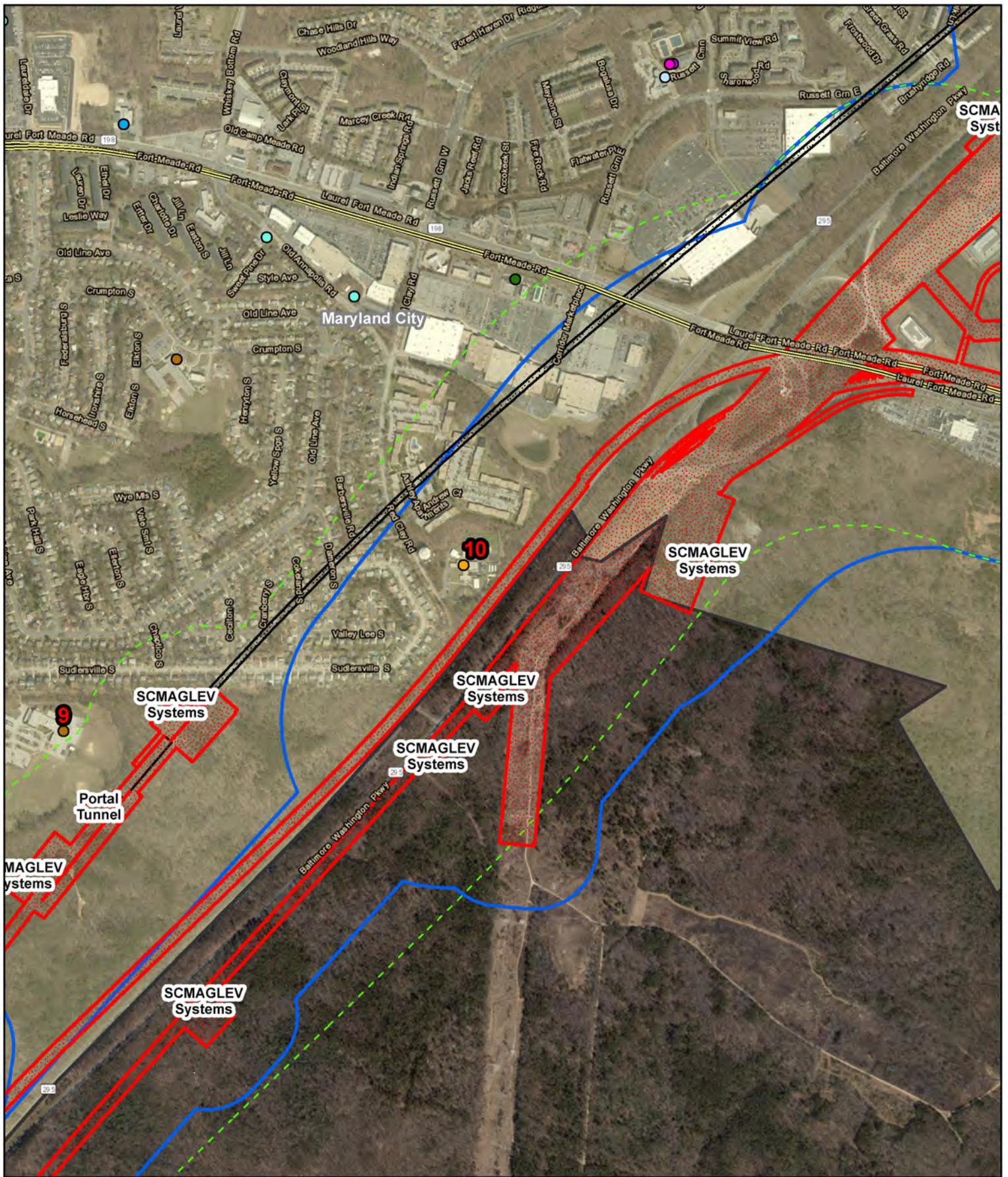

  


**NEIGHBORHOODS & COMMUNITY FACILITIES**

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FIGURE D-1

SHEET 13 OF 25



Facility Type			Alignment Details		
	Assisted Living		Daycare		Surface LOD
	Cemetery		Fire Station / Police Station		Tunnel LOD
	Place of Worship		Health Center		Alternative J Affected Environment
	University		Hospital		Alternative J1 Affected Environment
	Correctional Facility		Library		Haul Road
	Post Office		Recreational Area		Neighborhood
	School		Shelter		

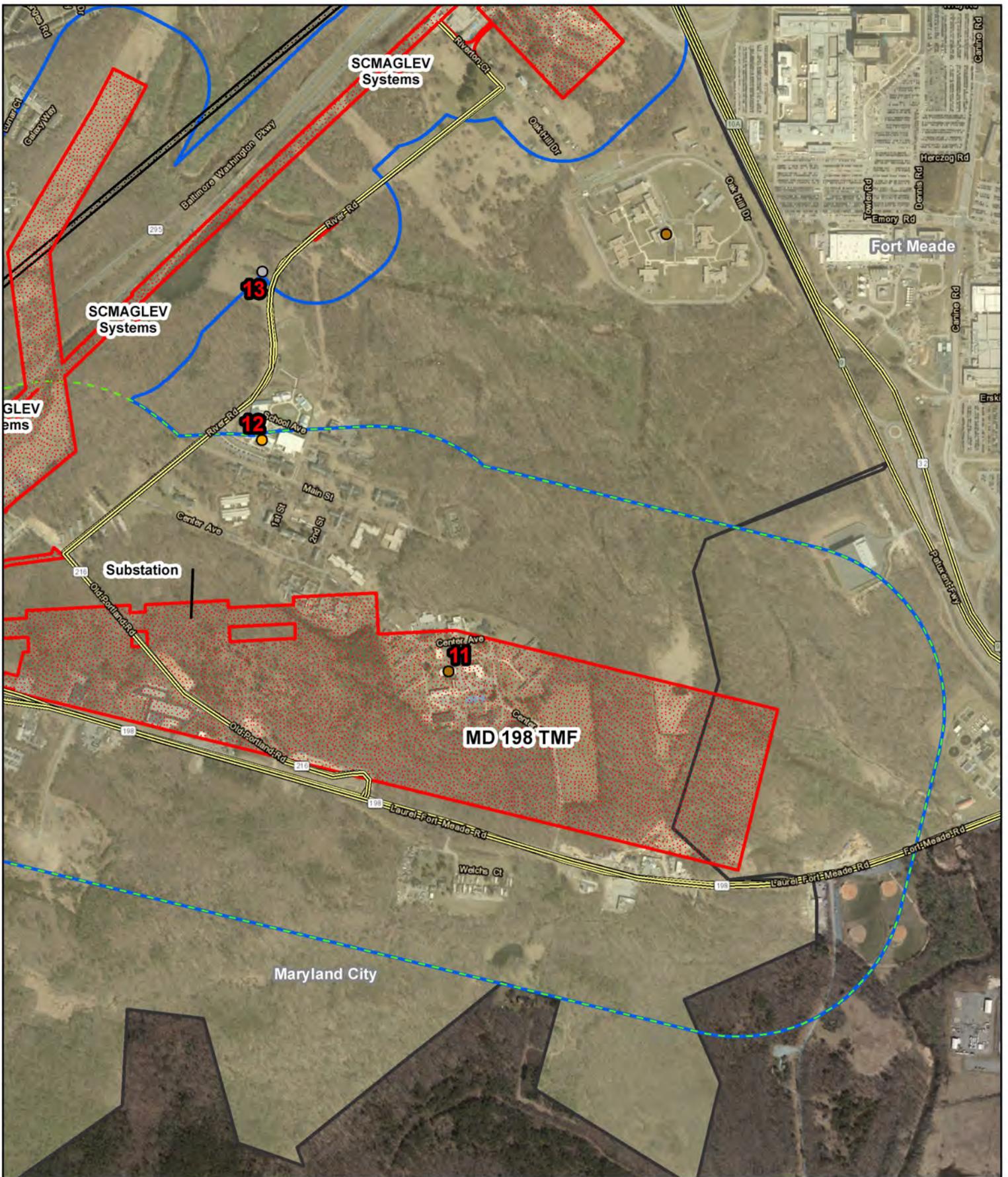
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&  
COMMUNITY  
FACILITIES**

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FIGURE D-1

SHEET 14 OF 25



Facility Type			Alignment Details		
	Assisted Living		Daycare		Surface LOD
	Cemetery		Fire Station / Police Station		Tunnel LOD
	Place of Worship		Health Center		Alternative J Affected Environment
	University		Hospital		Alternative J1 Affected Environment
	Correctional Facility		Library		Haul Road
			Post Office		
			Recreational Area		
			School		
			Shelter		
			Neighborhood		

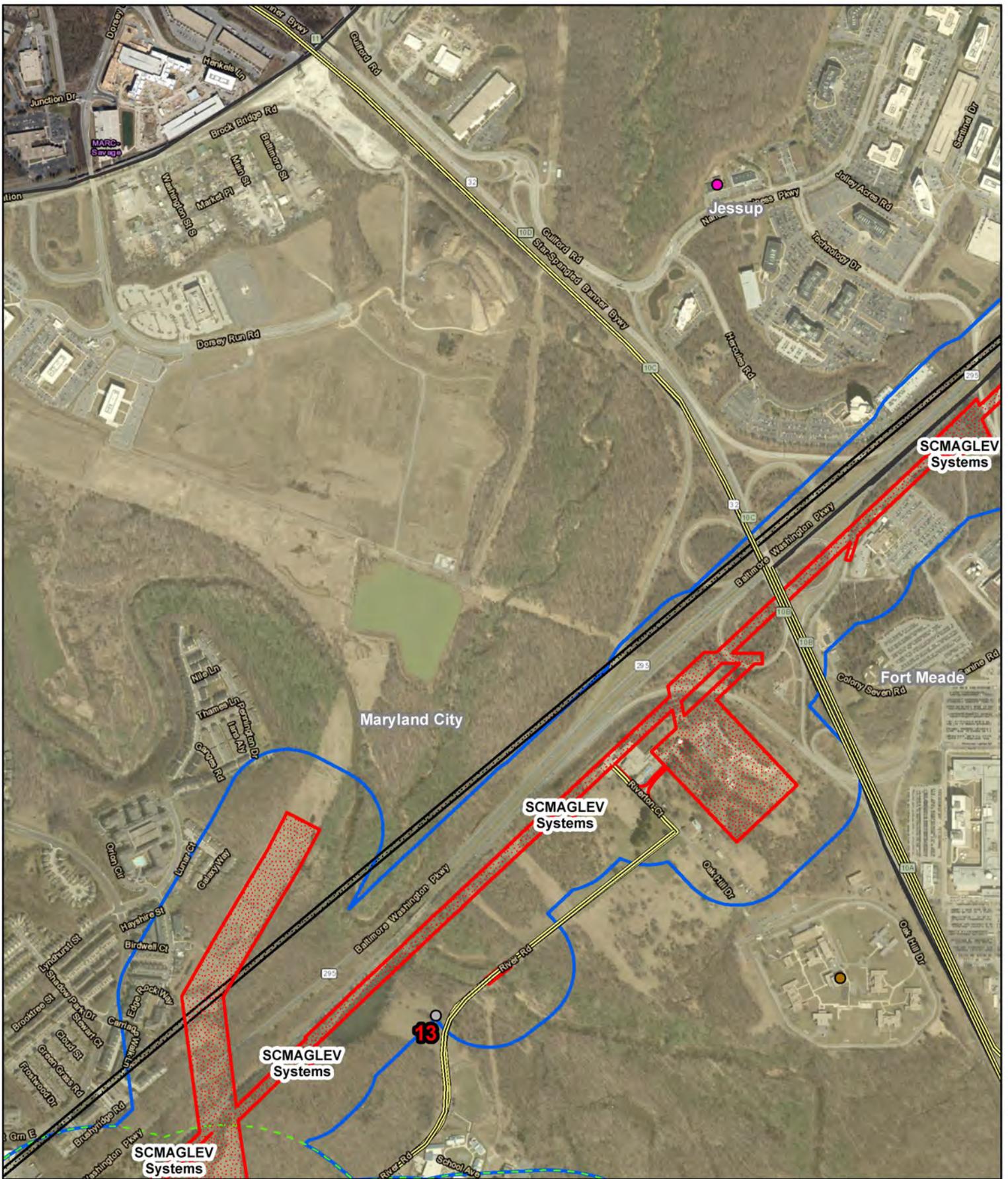



**NEIGHBORHOODS & COMMUNITY FACILITIES**

**SCMAGLEV**

FIGURE D-1

SHEET 15 OF 25



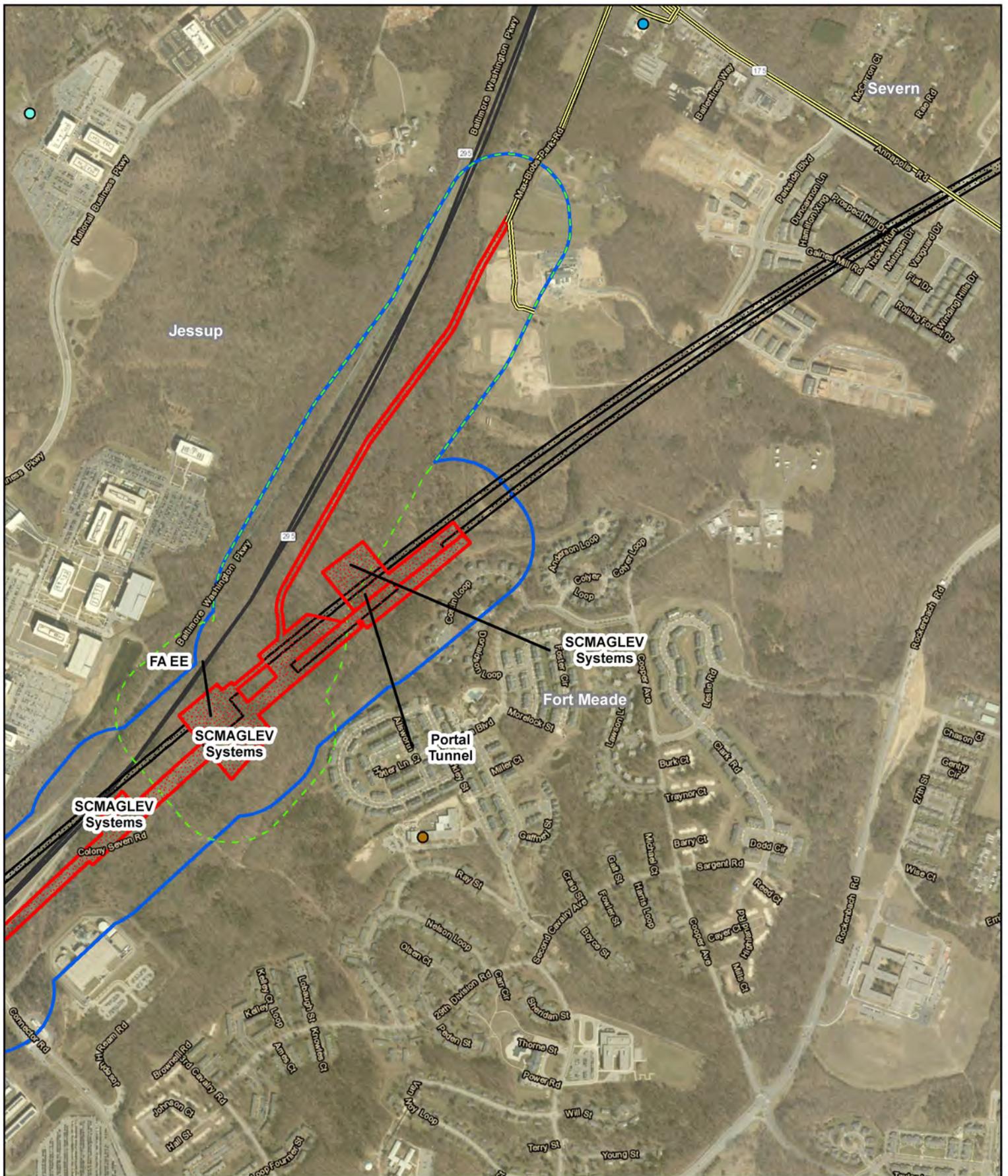
Facility Type		Alignment Details	
	Assisted Living		Surface LOD
	Cemetery		Tunnel LOD
	Place of Worship		Alternative J Affected Environment
	University		Alternative J1 Affected Environment
	Correctional Facility		Neighborhood
	Daycare		Haul Road
	Fire Station / Police Station		
	Health Center		
	Hospital		
	Library		
	Post Office		
	Recreational Area		
	School		
	Shelter		

**NEIGHBORHOODS & COMMUNITY FACILITIES**

**SCMAGLEV**

FIGURE D-1

SHEET 16 OF 25



Facility Type			Alignment Details	
● Assisted Living	● Daycare	○ Post Office	Surface LOD	Alternative J Affected Environment
● Cemetery	● Fire Station / Police Station	○ Recreational Area	Tunnel LOD	Alternative J1 Affected Environment
● Place of Worship	● Health Center	● School	Neighborhood	Haul Road
● University	● Hospital	● Shelter		
● Correctional Facility	● Library			


**NEIGHBORHOODS & COMMUNITY FACILITIES**

SCMAGLEV

FIGURE D-1

SHEET 17 OF 25



**BWI  
Marshall  
Airport**

**FA EE**

**FA EE**

**Severn**

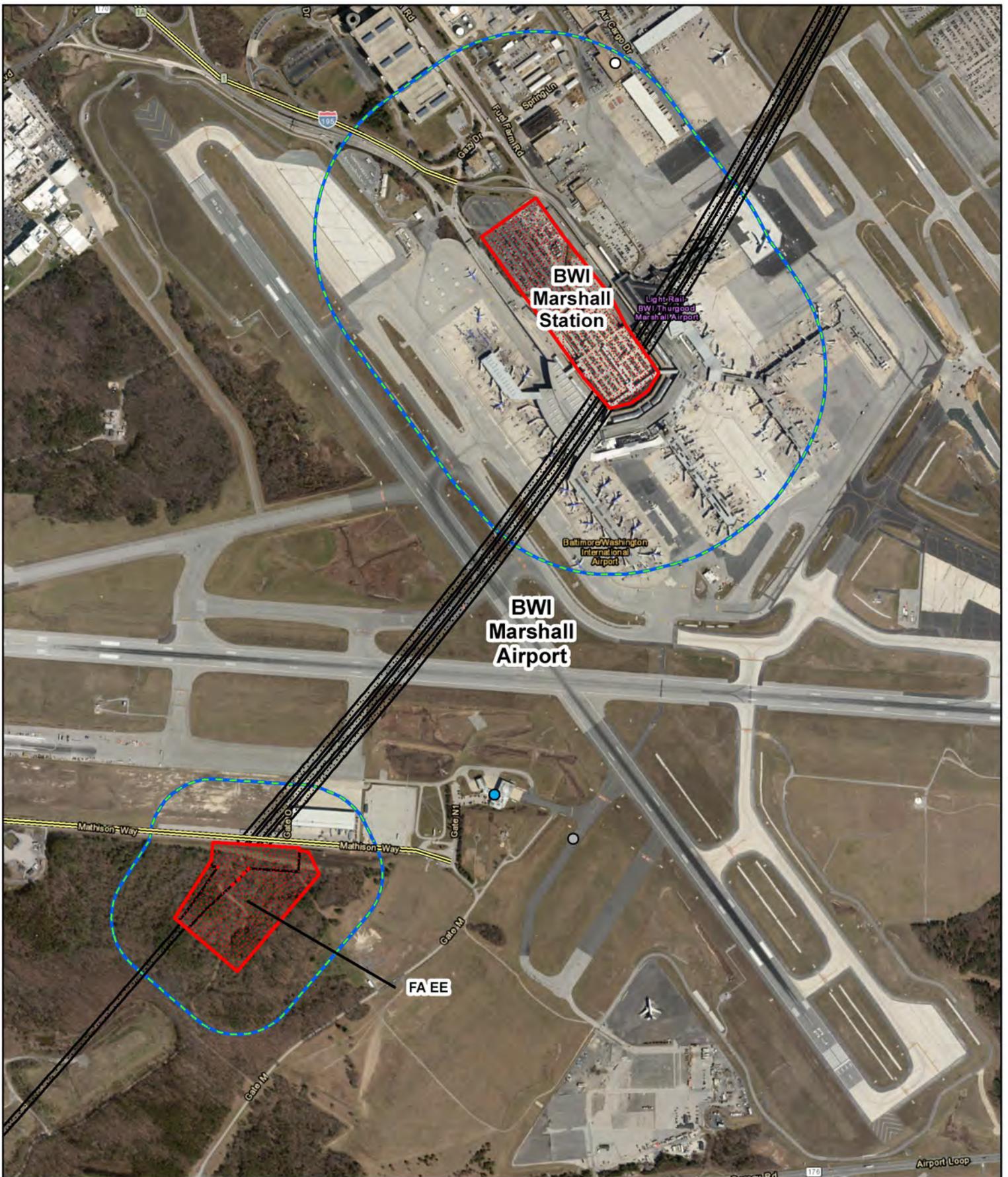
Facility Type		Alignment Details	
Assisted Living	Daycare	Post Office	Surface LOD
Cemetery	Fire Station / Police Station	Recreational Area	Tunnel LOD
Place of Worship	Health Center	School	Alternative J Affected Environment
University	Hospital	Shelter	Alternative J1 Affected Environment
Correctional Facility	Library	Neighborhood	Haul Road

**NEIGHBORHOODS  
&  
COMMUNITY  
FACILITIES**

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FIGURE D-1

SHEET 18 OF 25



Facility Type		Alignment Details	
● Assisted Living	● Daycare	○ Post Office	■ Surface LOD
● Cemetery	● Fire Station / Police Station	○ Recreational Area	■ Tunnel LOD
● Place of Worship	● Health Center	● School	▭ Alternative J Affected Environment
● University	● Hospital	● Shelter	▭ Alternative J1 Affected Environment
● Correctional Facility	● Library	■ Neighborhood	▬ Haul Road

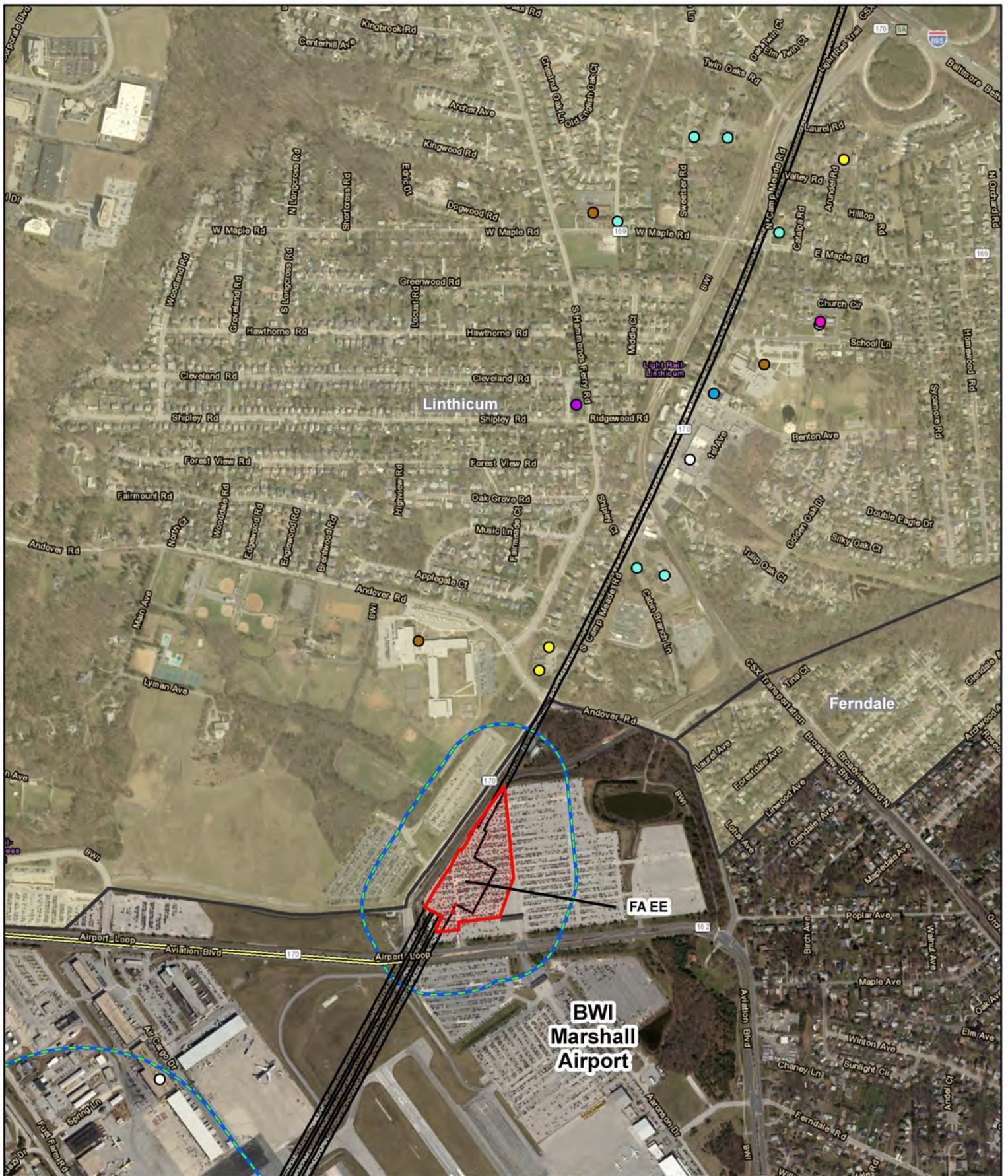



**NEIGHBORHOODS & COMMUNITY FACILITIES**

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FIGURE D-1

SHEET 19 OF 25



Facility Type			Alignment Details		
● Assisted Living	● Daycare	○ Post Office	■ Surface LOD	■ Alternative J Affected Environment	■ Haul Road
○ Cemetery	● Fire Station / Police Station	○ Recreational Area	■ Tunnel LOD	■ Alternative J1 Affected Environment	
● Place of Worship	● Health Center	● School			
○ University	● Hospital	● Shelter			
● Correctional Facility	● Library	■ Neighborhood			

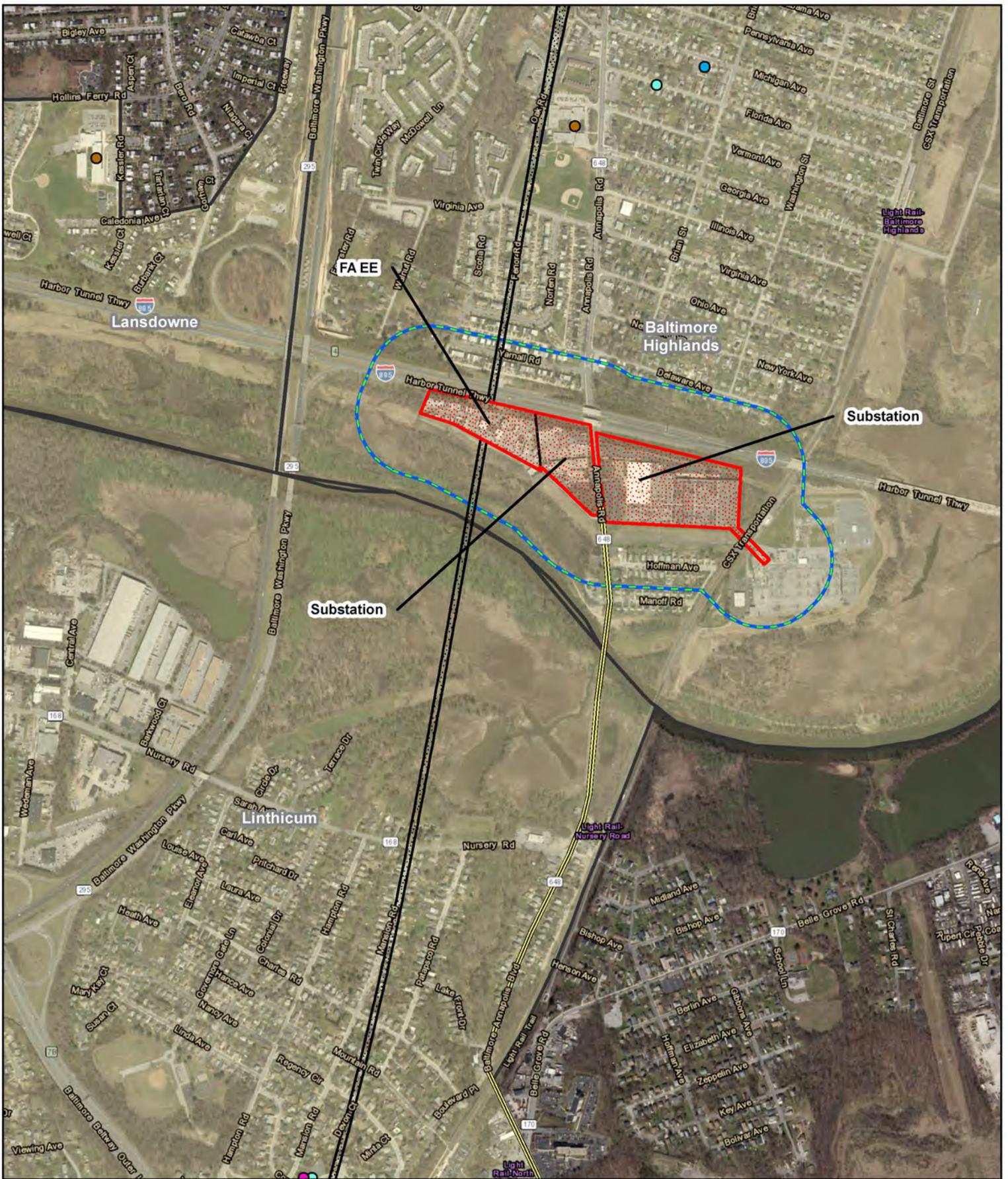



**NEIGHBORHOODS & COMMUNITY FACILITIES**

SCMAGLEV

FIGURE D-1

SHEET 20 OF 25



Facility Type			Alignment Details	
	Assisted Living			Surface LOD
	Cemetery			Tunnel LOD
	Place of Worship			Alternative J Affected Environment
	University			Alternative J1 Affected Environment
	Correctional Facility			Haul Road
				Post Office
				Recreational Area
				School
				Shelter
				Neighborhood
				Daycare
				Fire Station / Police Station
				Health Center
				Hospital
				Library

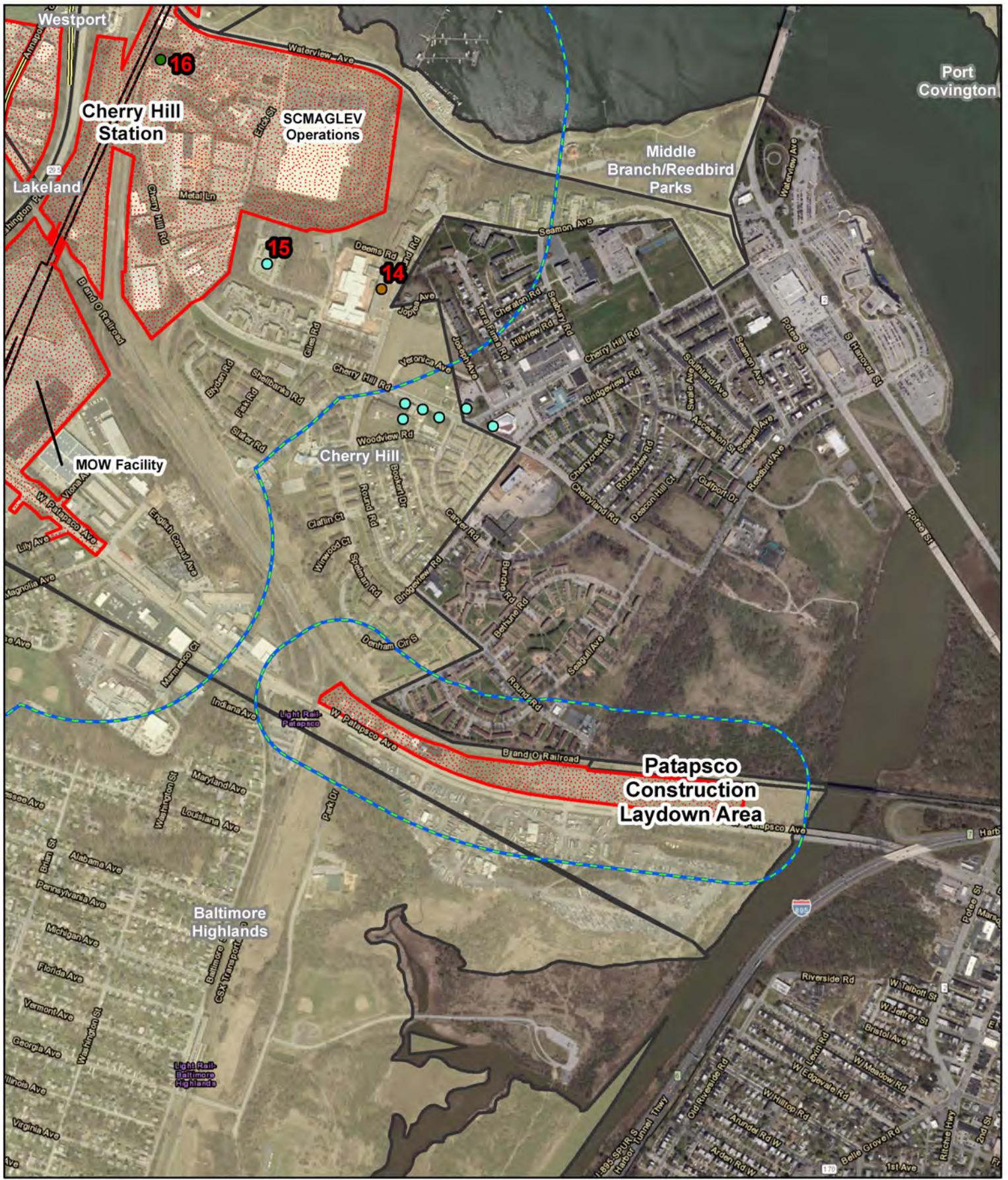
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**NEIGHBORHOODS  
&  
COMMUNITY  
FACILITIES**

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FIGURE D-1

SHEET 21 OF 25



Facility Type		Alignment Details	
	Assisted Living		Surface LOD
	Cemetery		Tunnel LOD
	Place of Worship		Alternative J Affected Environment
	University		Alternative J1 Affected Environment
	Correctional Facility		Neighborhood
	Daycare		Post Office
	Fire Station / Police Station		Recreational Area
	Health Center		School
	Hospital		Shelter
	Library		Neighborhood
			Haul Road

**NEIGHBORHOODS & COMMUNITY FACILITIES**

**SCMAGLEV**

FIGURE D-1

SHEET 22 OF 25



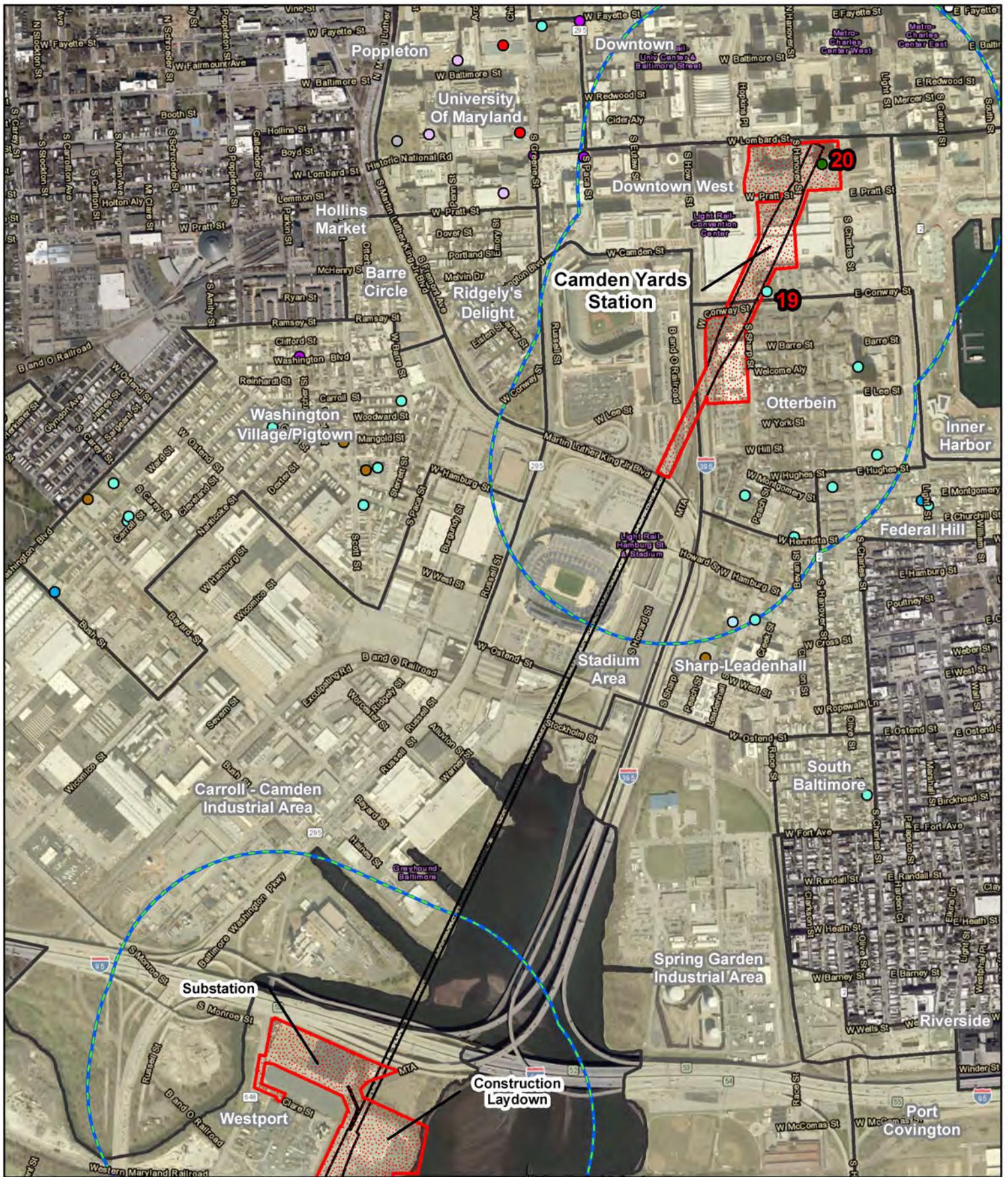
Facility Type		Alignment Details	
	Assisted Living		Daycare
	Cemetery		Fire Station / Police Station
	Place of Worship		Health Center
	University		Hospital
	Correctional Facility		Library
			Post Office
			Recreational Area
			School
			Shelter
	Neighborhood		Surface LOD
			Tunnel LOD
			Alternative J Affected Environment
			Alternative J1 Affected Environment
			Haul Road

**NEIGHBORHOODS & COMMUNITY FACILITIES**

**SCMAGLEV**

FIGURE D-1

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Facility Type		Alignment Details	
● Assisted Living	● Daycare	○ Post Office	▨ Surface LOD
○ Cemetery	● Fire Station / Police Station	○ Recreational Area	▨ Tunnel LOD
● Place of Worship	● Health Center	● School	▨ Alternative J Affected Environment
○ University	● Hospital	● Shelter	▨ Alternative J1 Affected Environment
● Correctional Facility	● Library	▨ Neighborhood	▨ Haul Road

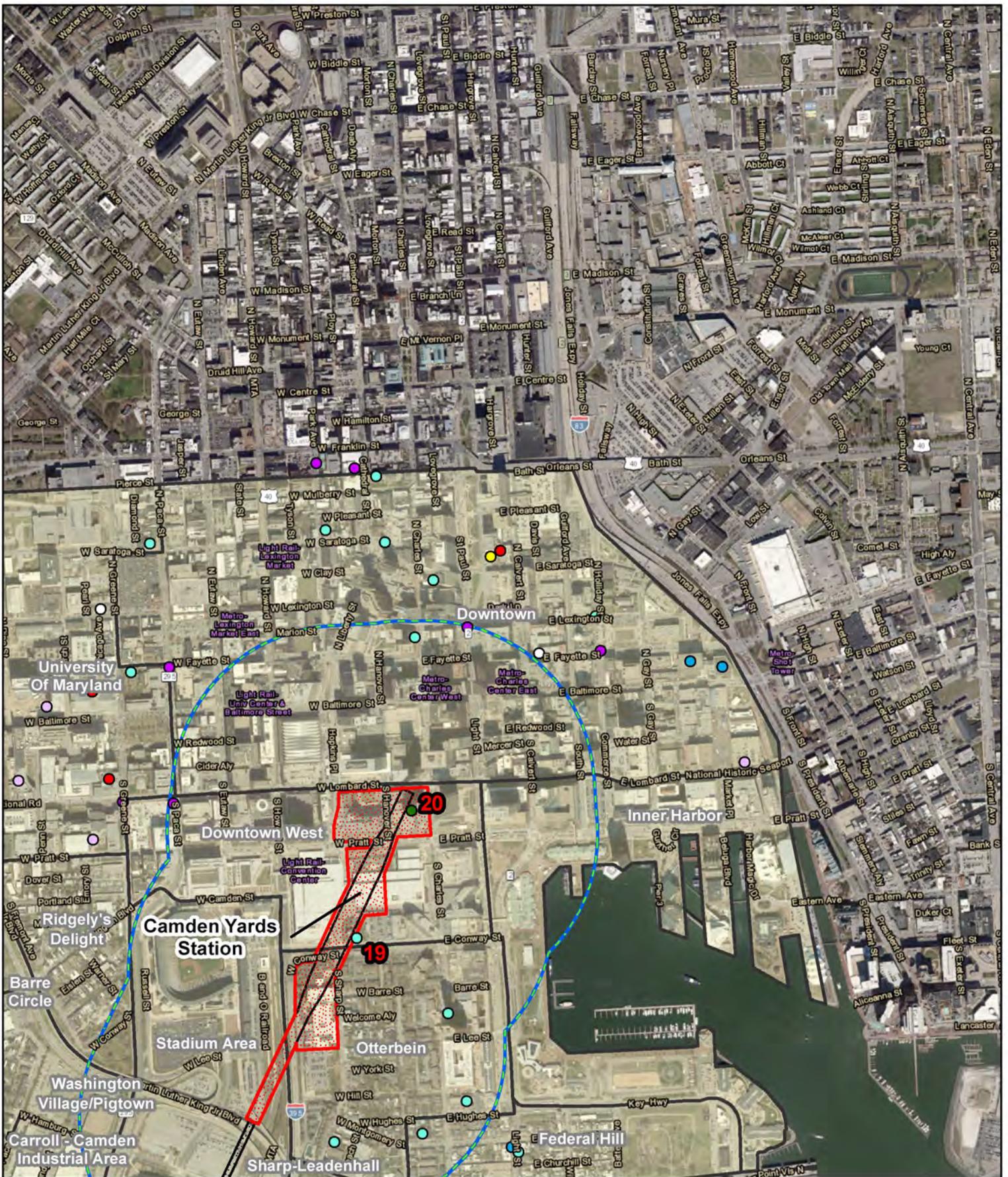



**NEIGHBORHOODS & COMMUNITY FACILITIES**

SCMAGLEV

FIGURE D-1

SHEET 24 OF 25



Facility Type		Alignment Details	
Assisted Living	Daycare	Post Office	Surface LOD
Cemetery	Fire Station / Police Station	Recreational Area	Tunnel LOD
Place of Worship	Health Center	School	Alternative J Affected Environment
University	Hospital	Shelter	Alternative J1 Affected Environment
Correctional Facility	Library	Neighborhood	Haul Road

**NEIGHBORHOODS  
&  
COMMUNITY  
FACILITIES**

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FIGURE D-1

SHEET 25 OF 25

## **ATTACHMENT E – EJ Screen Report**

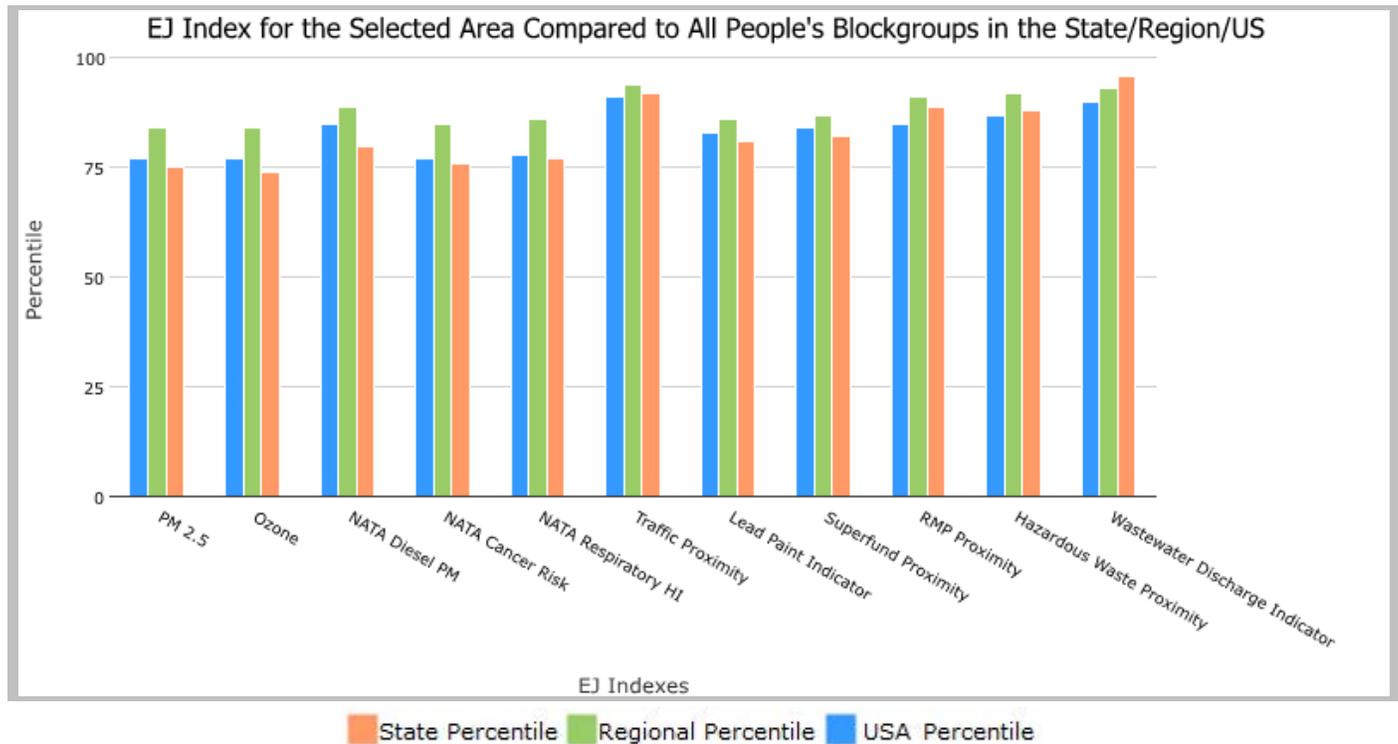
1 miles Ring around the Corridor, MARYLAND, EPA Region 3

Approximate Population: 294,164

Input Area (sq. miles): 70.52

SCMAGLEV (The study area contains 1 blockgroup(s) with zero population.)

Selected Variables	State Percentile	EPA Region Percentile	USA Percentile
<b>EJ Indexes</b>			
EJ Index for PM2.5	75	84	77
EJ Index for Ozone	74	84	77
EJ Index for NATA* Diesel PM	80	89	85
EJ Index for NATA* Air Toxics Cancer Risk	76	85	77
EJ Index for NATA* Respiratory Hazard Index	77	86	78
EJ Index for Traffic Proximity and Volume	92	94	91
EJ Index for Lead Paint Indicator	81	86	83
EJ Index for Superfund Proximity	82	87	84
EJ Index for RMP Proximity	89	91	85
EJ Index for Hazardous Waste Proximity	88	92	87
EJ Index for Wastewater Discharge Indicator	96	93	90



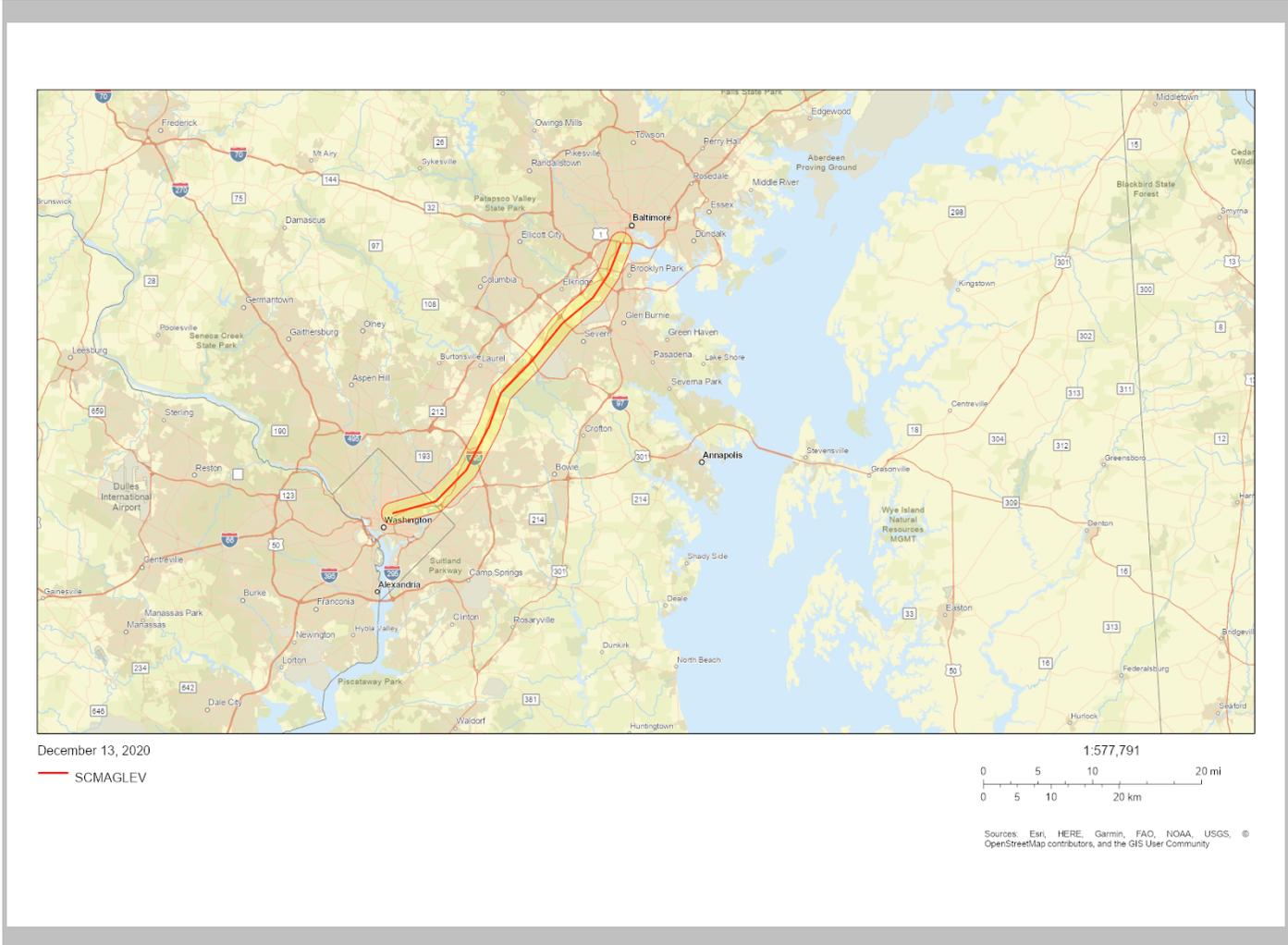
This report shows the values for environmental and demographic indicators and EJSCREEN indexes. It shows environmental and demographic raw data (e.g., the estimated concentration of ozone in the air), and also shows what percentile each raw data value represents. These percentiles provide perspective on how the selected block group or buffer area compares to the entire state, EPA region, or nation. For example, if a given location is at the 95th percentile nationwide, this means that only 5 percent of the US population has a higher block group value than the average person in the location being analyzed. The years for which the data are available, and the methods used, vary across these indicators. Important caveats and uncertainties apply to this screening-level information, so it is essential to understand the limitations on appropriate interpretations and applications of these indicators. Please see EJSCREEN documentation for discussion of these issues before using reports.

**1 miles Ring around the Corridor, MARYLAND, EPA Region 3**

**Approximate Population: 294,164**

**Input Area (sq. miles): 70.52**

**SCMAGLEV (The study area contains 1 blockgroup(s) with zero population.)**



<b>Sites reporting to EPA</b>	
Superfund NPL	0
Hazardous Waste Treatment, Storage, and Disposal Facilities (TSDF)	20

## EJSCREEN Report (Version 2019)



1 miles Ring around the Corridor, MARYLAND, EPA Region 3

Approximate Population: 294,164

Input Area (sq. miles): 70.52

**SCMAGLEV (The study area contains 1 blockgroup(s) with zero population.)**

Selected Variables	Value	State Avg.	%ile in State	EPA Region Avg.	%ile in EPA Region	USA Avg.	%ile in USA
<b>Environmental Indicators</b>							
Particulate Matter (PM 2.5 in $\mu\text{g}/\text{m}^3$ )	8.81	8.33	95	8.64	65	8.3	65
Ozone (ppb)	46.7	47.2	44	44.9	71	43	78
NATA* Diesel PM ( $\mu\text{g}/\text{m}^3$ )	1.04	0.633	95	0.477	95-100th	0.479	90-95th
NATA* Cancer Risk (lifetime risk per million)	38	32	98	31	90-95th	32	70-80th
NATA* Respiratory Hazard Index	0.56	0.44	98	0.4	95-100th	0.44	80-90th
Traffic Proximity and Volume (daily traffic count/distance to road)	2900	730	95	640	95	750	94
Lead Paint Indicator (% Pre-1960 Housing)	0.42	0.29	72	0.36	64	0.28	71
Superfund Proximity (site count/km distance)	0.18	0.13	83	0.15	79	0.13	83
RMP Proximity (facility count/km distance)	1.3	0.66	84	0.62	85	0.74	81
Hazardous Waste Proximity (facility count/km distance)	4	1.7	88	1.3	92	4	88
Wastewater Discharge Indicator (toxicity-weighted concentration/m distance)	0.0092	0.22	91	30	76	14	79
<b>Demographic Indicators</b>							
Demographic Index	50%	35%	71	30%	82	36%	73
Minority Population	70%	48%	68	32%	84	39%	78
Low Income Population	29%	23%	71	28%	60	33%	50
Linguistically Isolated Population	5%	3%	77	3%	82	4%	70
Population With Less Than High School Education	15%	10%	77	11%	74	13%	66
Population Under 5 years of age	7%	6%	63	6%	66	6%	61
Population over 64 years of age	9%	14%	32	16%	24	15%	29

\* The National-Scale Air Toxics Assessment (NATA) is EPA's ongoing, comprehensive evaluation of air toxics in the United States. EPA developed the NATA to prioritize air toxics, emission sources, and locations of interest for further study. It is important to remember that NATA provides broad estimates of health risks over geographic areas of the country, not definitive risks to specific individuals or locations. More information on the NATA analysis can be found at: <https://www.epa.gov/national-air-toxics-assessment>.

For additional information, see: [www.epa.gov/environmentaljustice](http://www.epa.gov/environmentaljustice)

EJSCREEN is a screening tool for pre-decisional use only. It can help identify areas that may warrant additional consideration, analysis, or outreach. It does not provide a basis for decision-making, but it may help identify potential areas of EJ concern. Users should keep in mind that screening tools are subject to substantial uncertainty in their demographic and environmental data, particularly when looking at small geographic areas. Important caveats and uncertainties apply to this screening-level information, so it is essential to understand the limitations on appropriate interpretations and applications of these indicators. Please see EJSCREEN documentation for discussion of these issues before using reports. This screening tool does not provide data on every environmental impact and demographic factor that may be relevant to a particular location. EJSCREEN outputs should be supplemented with additional information and local knowledge before taking any action to address potential EJ concerns.

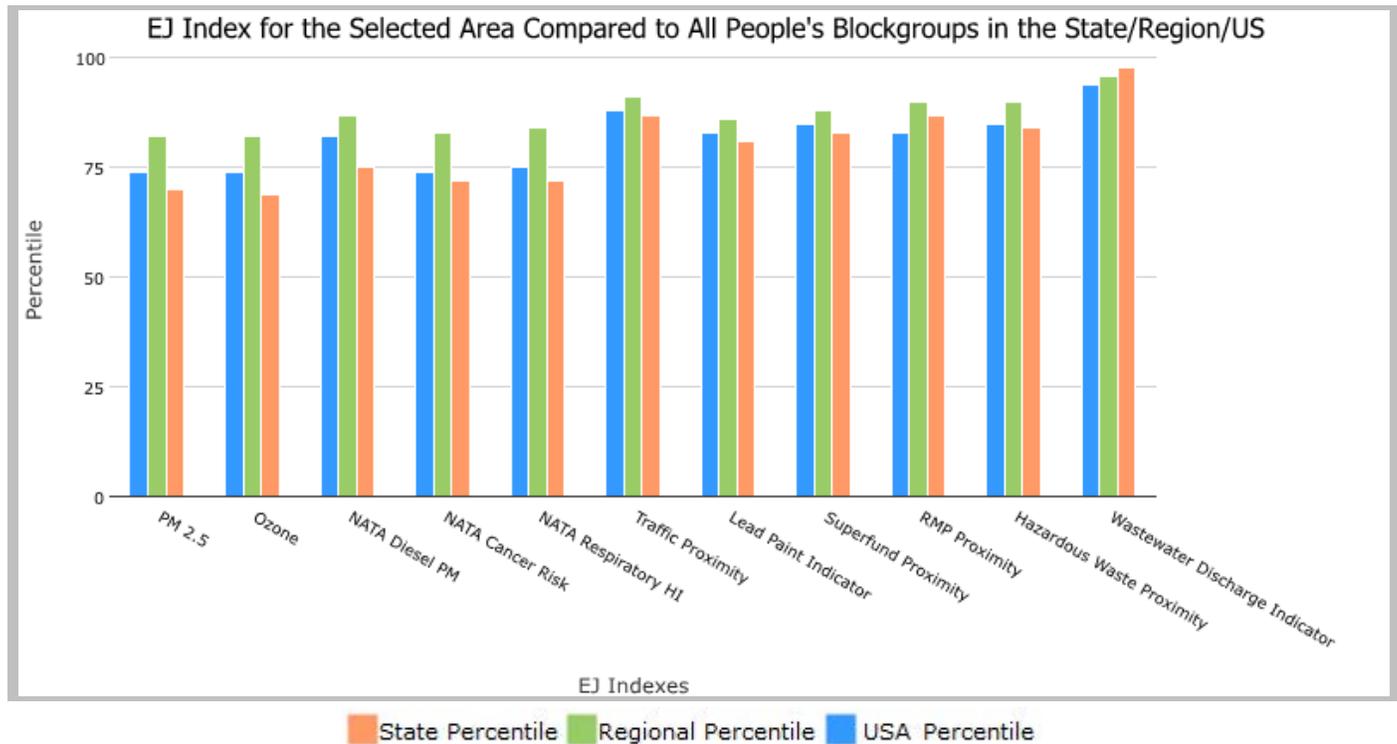
## 5 miles Ring around the Corridor, MARYLAND, EPA Region 3

Approximate Population: 1,935,963

Input Area (sq. miles): 415.19

SCMAGLEV (The study area contains 4 blockgroup(s) with zero population.)

Selected Variables	State Percentile	EPA Region Percentile	USA Percentile
<b>EJ Indexes</b>			
EJ Index for PM2.5	70	82	74
EJ Index for Ozone	69	82	74
EJ Index for NATA* Diesel PM	75	87	82
EJ Index for NATA* Air Toxics Cancer Risk	72	83	74
EJ Index for NATA* Respiratory Hazard Index	72	84	75
EJ Index for Traffic Proximity and Volume	87	91	88
EJ Index for Lead Paint Indicator	81	86	83
EJ Index for Superfund Proximity	83	88	85
EJ Index for RMP Proximity	87	90	83
EJ Index for Hazardous Waste Proximity	84	90	85
EJ Index for Wastewater Discharge Indicator	98	96	94



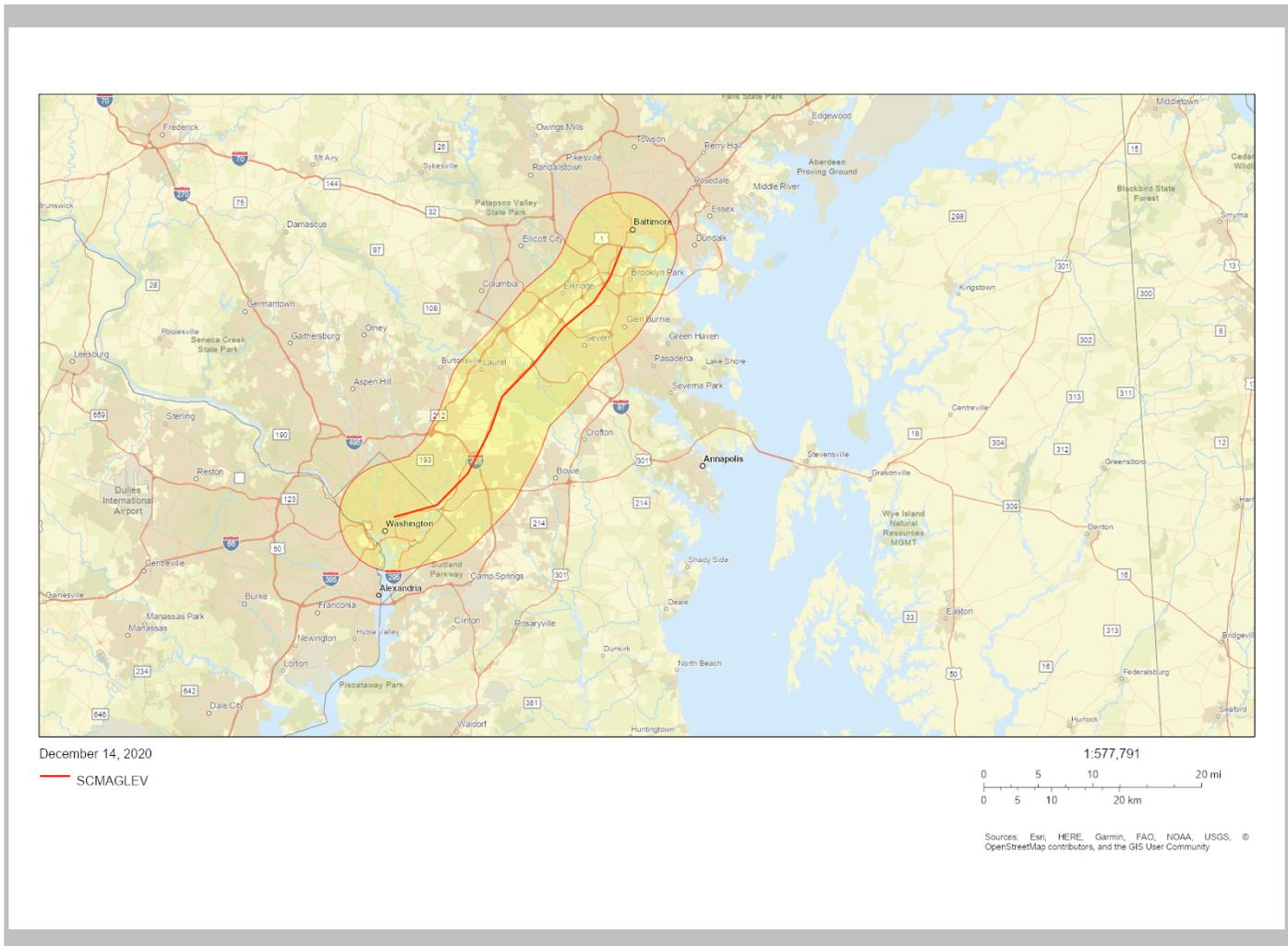
This report shows the values for environmental and demographic indicators and EJSCREEN indexes. It shows environmental and demographic raw data (e.g., the estimated concentration of ozone in the air), and also shows what percentile each raw data value represents. These percentiles provide perspective on how the selected block group or buffer area compares to the entire state, EPA region, or nation. For example, if a given location is at the 95th percentile nationwide, this means that only 5 percent of the US population has a higher block group value than the average person in the location being analyzed. The years for which the data are available, and the methods used, vary across these indicators. Important caveats and uncertainties apply to this screening-level information, so it is essential to understand the limitations on appropriate interpretations and applications of these indicators. Please see EJSCREEN documentation for discussion of these issues before using reports.

**5 miles Ring around the Corridor, MARYLAND, EPA Region 3**

**Approximate Population: 1,935,963**

**Input Area (sq. miles): 415.19**

**SCMAGLEV (The study area contains 4 blockgroup(s) with zero population.)**



<b>Sites reporting to EPA</b>	
Superfund NPL	5
Hazardous Waste Treatment, Storage, and Disposal Facilities (TSDF)	116

## EJSCREEN Report (Version 2019)

5 miles Ring around the Corridor, MARYLAND, EPA Region 3

Approximate Population: 1,935,963

Input Area (sq. miles): 415.19

**SCMAGLEV (The study area contains 4 blockgroup(s) with zero population.)**

Selected Variables	Value	State Avg.	%ile in State	EPA Region Avg.	%ile in EPA Region	USA Avg.	%ile in USA
<b>Environmental Indicators</b>							
Particulate Matter (PM 2.5 in $\mu\text{g}/\text{m}^3$ )	8.74	8.33	90	8.64	63	8.3	63
Ozone (ppb)	47	47.2	51	44.9	85	43	81
NATA* Diesel PM ( $\mu\text{g}/\text{m}^3$ )	0.98	0.633	91	0.477	95-100th	0.479	90-95th
NATA* Cancer Risk (lifetime risk per million)	37	32	93	31	80-90th	32	70-80th
NATA* Respiratory Hazard Index	0.54	0.44	95	0.4	95-100th	0.44	70-80th
Traffic Proximity and Volume (daily traffic count/distance to road)	2200	730	92	640	93	750	91
Lead Paint Indicator (% Pre-1960 Housing)	0.51	0.29	77	0.36	70	0.28	77
Superfund Proximity (site count/km distance)	0.19	0.13	85	0.15	82	0.13	85
RMP Proximity (facility count/km distance)	1.3	0.66	84	0.62	85	0.74	81
Hazardous Waste Proximity (facility count/km distance)	3.8	1.7	88	1.3	91	4	87
Wastewater Discharge Indicator (toxicity-weighted concentration/m distance)	0.089	0.22	96	30	88	14	89
<b>Demographic Indicators</b>							
Demographic Index	48%	35%	70	30%	81	36%	72
Minority Population	66%	48%	66	32%	82	39%	76
Low Income Population	31%	23%	73	28%	62	33%	51
Linguistically Isolated Population	4%	3%	75	3%	80	4%	69
Population With Less Than High School Education	13%	10%	73	11%	70	13%	63
Population Under 5 years of age	7%	6%	61	6%	64	6%	60
Population over 64 years of age	11%	14%	40	16%	31	15%	37

\* The National-Scale Air Toxics Assessment (NATA) is EPA's ongoing, comprehensive evaluation of air toxics in the United States. EPA developed the NATA to prioritize air toxics, emission sources, and locations of interest for further study. It is important to remember that NATA provides broad estimates of health risks over geographic areas of the country, not definitive risks to specific individuals or locations. More information on the NATA analysis can be found at: <https://www.epa.gov/national-air-toxics-assessment>.

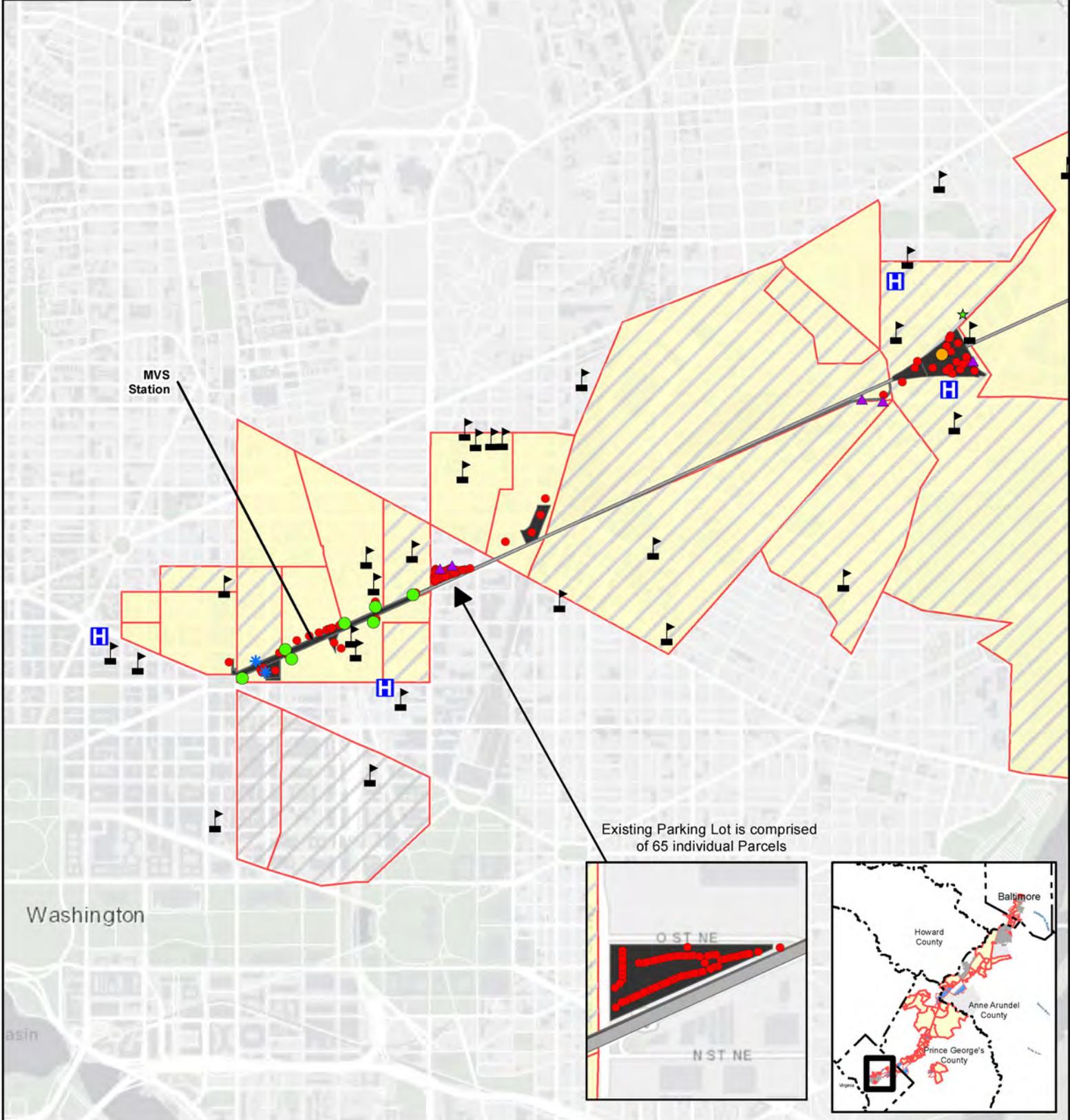
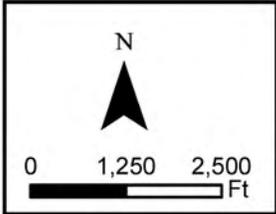
For additional information, see: [www.epa.gov/environmentaljustice](http://www.epa.gov/environmentaljustice)

EJSCREEN is a screening tool for pre-decisional use only. It can help identify areas that may warrant additional consideration, analysis, or outreach. It does not provide a basis for decision-making, but it may help identify potential areas of EJ concern. Users should keep in mind that screening tools are subject to substantial uncertainty in their demographic and environmental data, particularly when looking at small geographic areas. Important caveats and uncertainties apply to this screening-level information, so it is essential to understand the limitations on appropriate interpretations and applications of these indicators. Please see EJSCREEN documentation for discussion of these issues before using reports. This screening tool does not provide data on every environmental impact and demographic factor that may be relevant to a particular location. EJSCREEN outputs should be supplemented with additional information and local knowledge before taking any action to address potential EJ concerns.

## **ATTACHMENT F – EJ Impact Analysis Mapping**

# Environmental Justice Impact Analysis

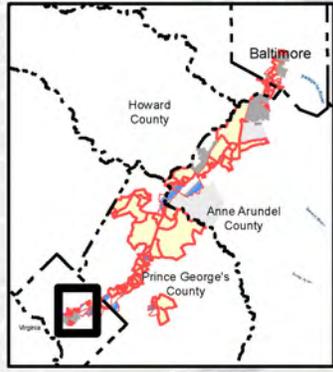
## Map Figure 1



MVS Station

Existing Parking Lot is comprised of 65 individual Parcels

Washington



**BALTIMORE-WASHINGTON SCMAGLEV PROJECT**  
**Environmental Justice Impact Analysis**

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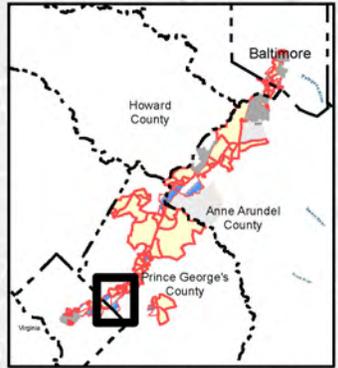
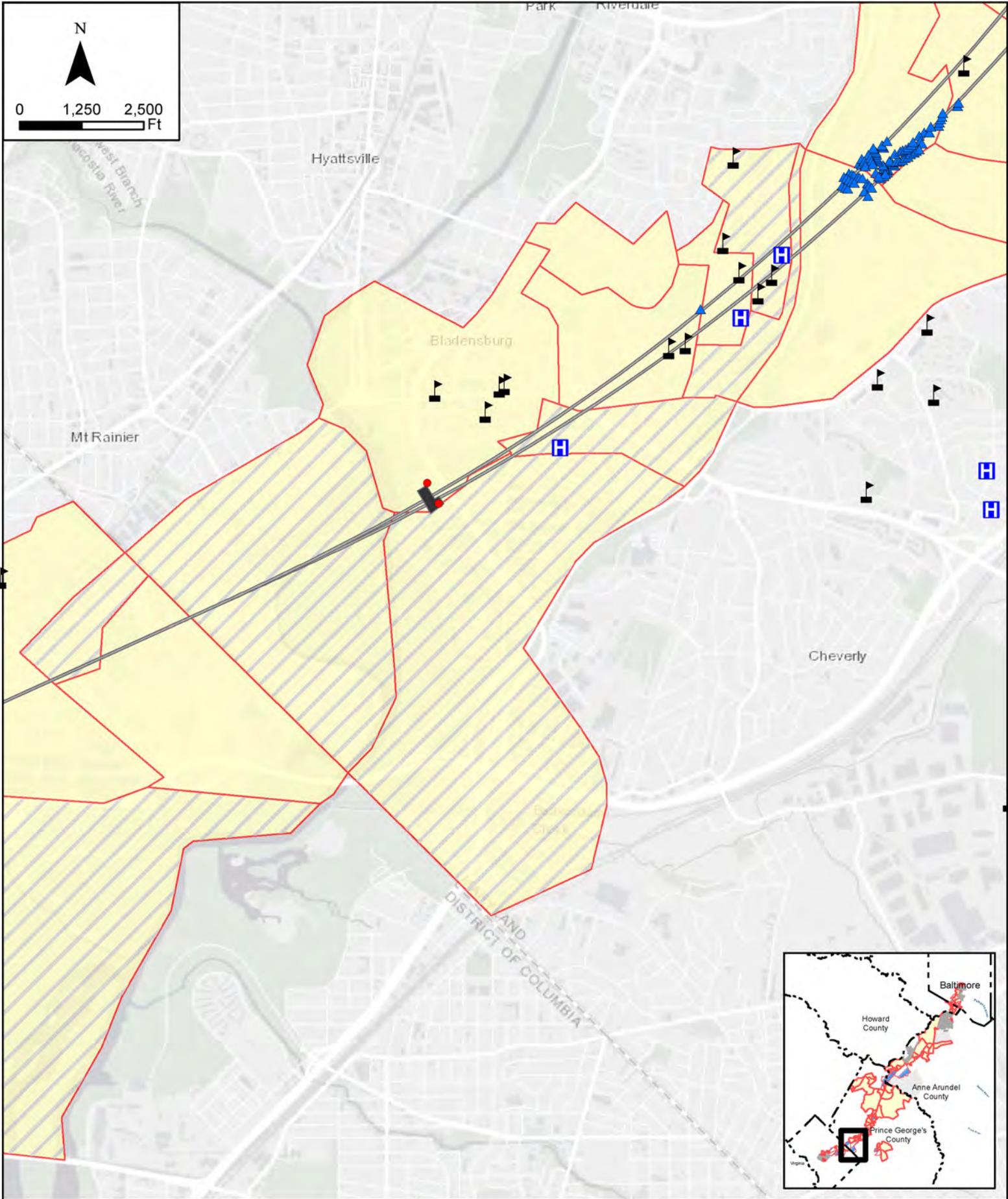
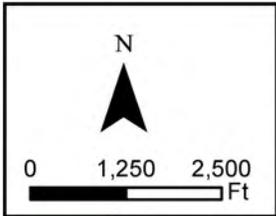
**Environmental Justice Areas**

- Minority
- Low Income
- Minority and Low Income
- Surface LOD Features
- Tunnel LOD Features

- Parcel Acquisitions
- Parkland Impacts
- Comm. Fac. Impacts
- Aesthetic Impacts
- Transportation Impacts

- Haz Mat Concerns
- Noise Impacts
- Vibration Impacts
- Health Center
- School/Day Care





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**Environmental Justice Impact Analysis**

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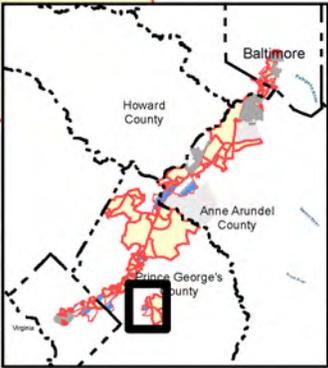
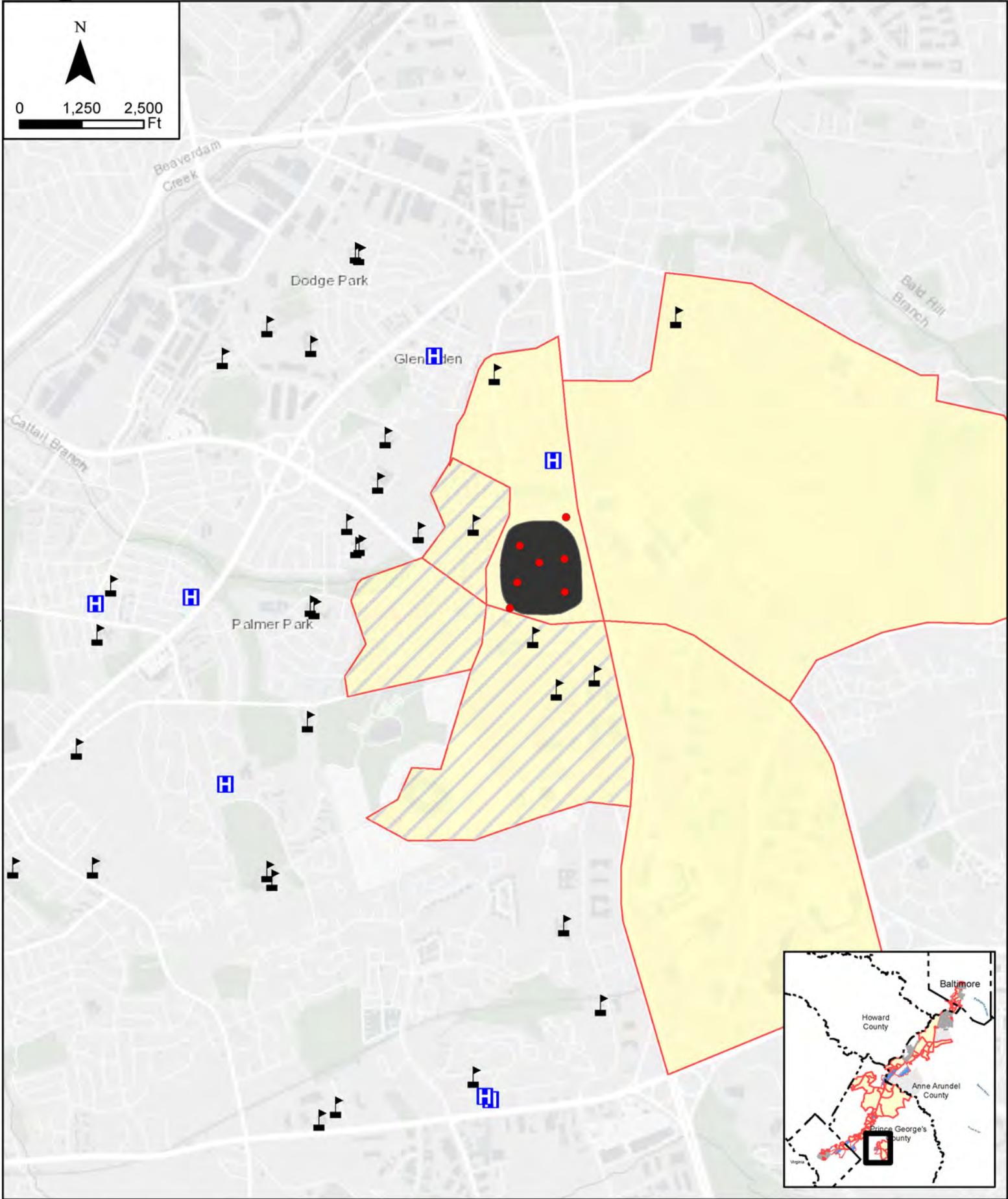
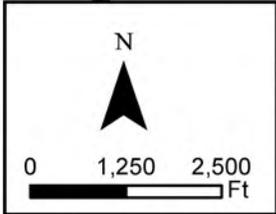
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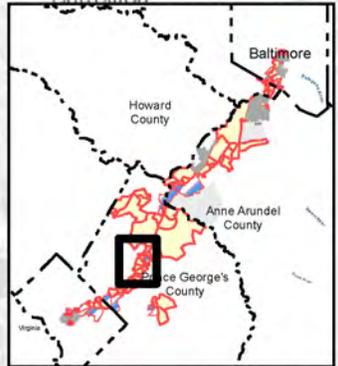
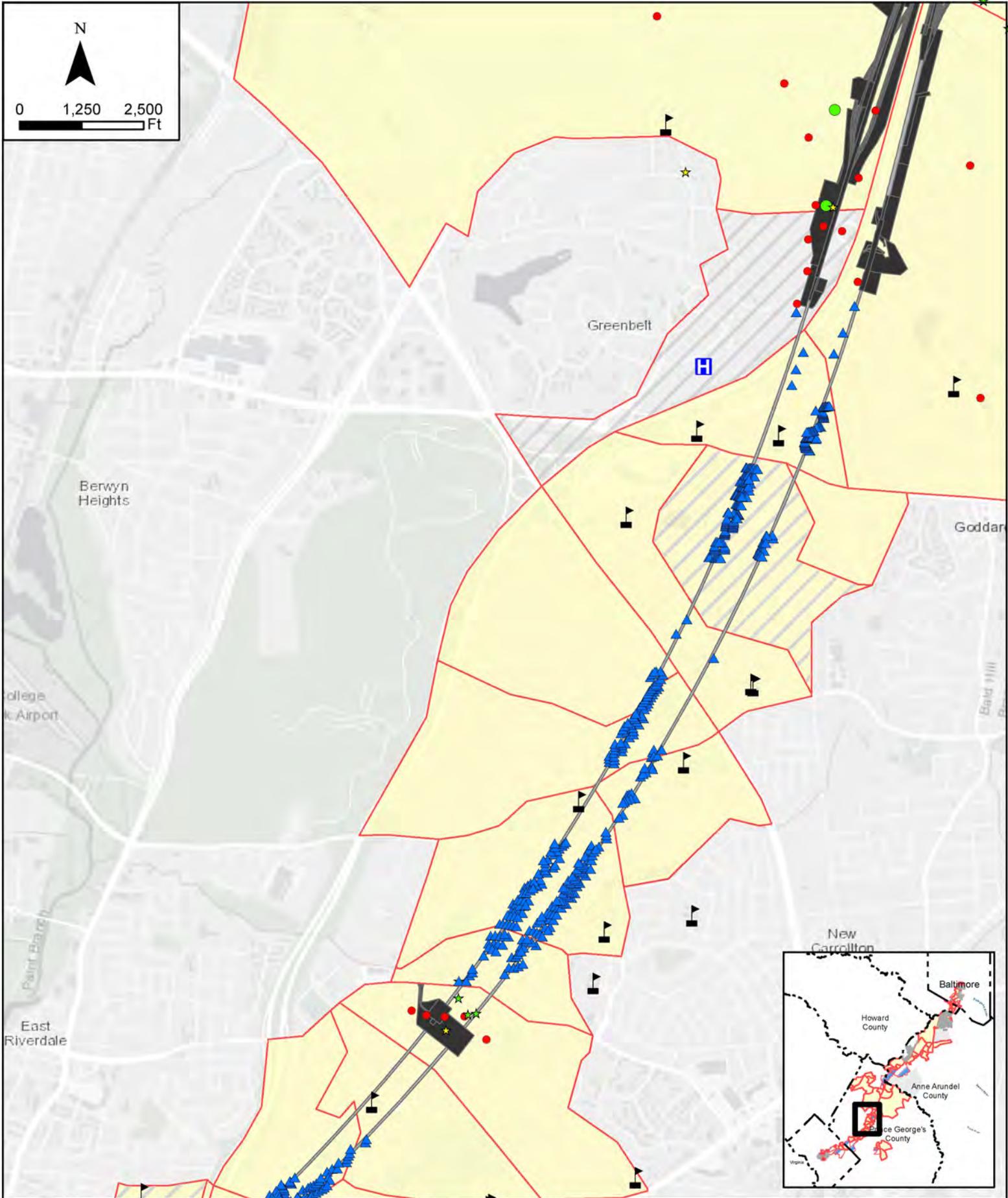
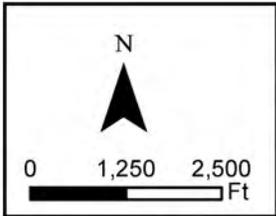
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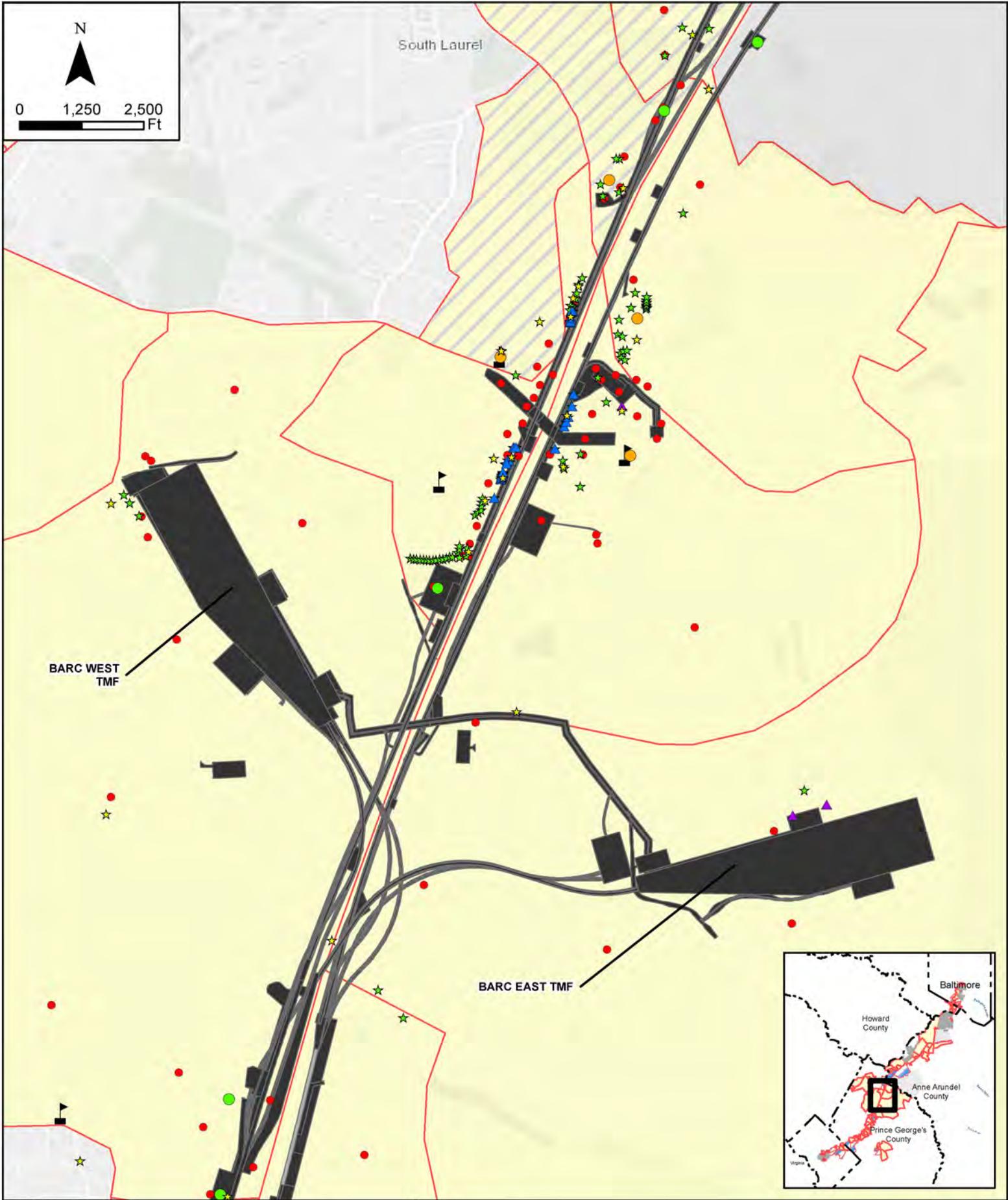
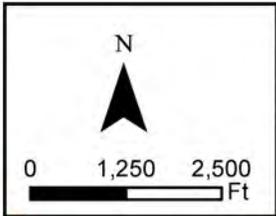
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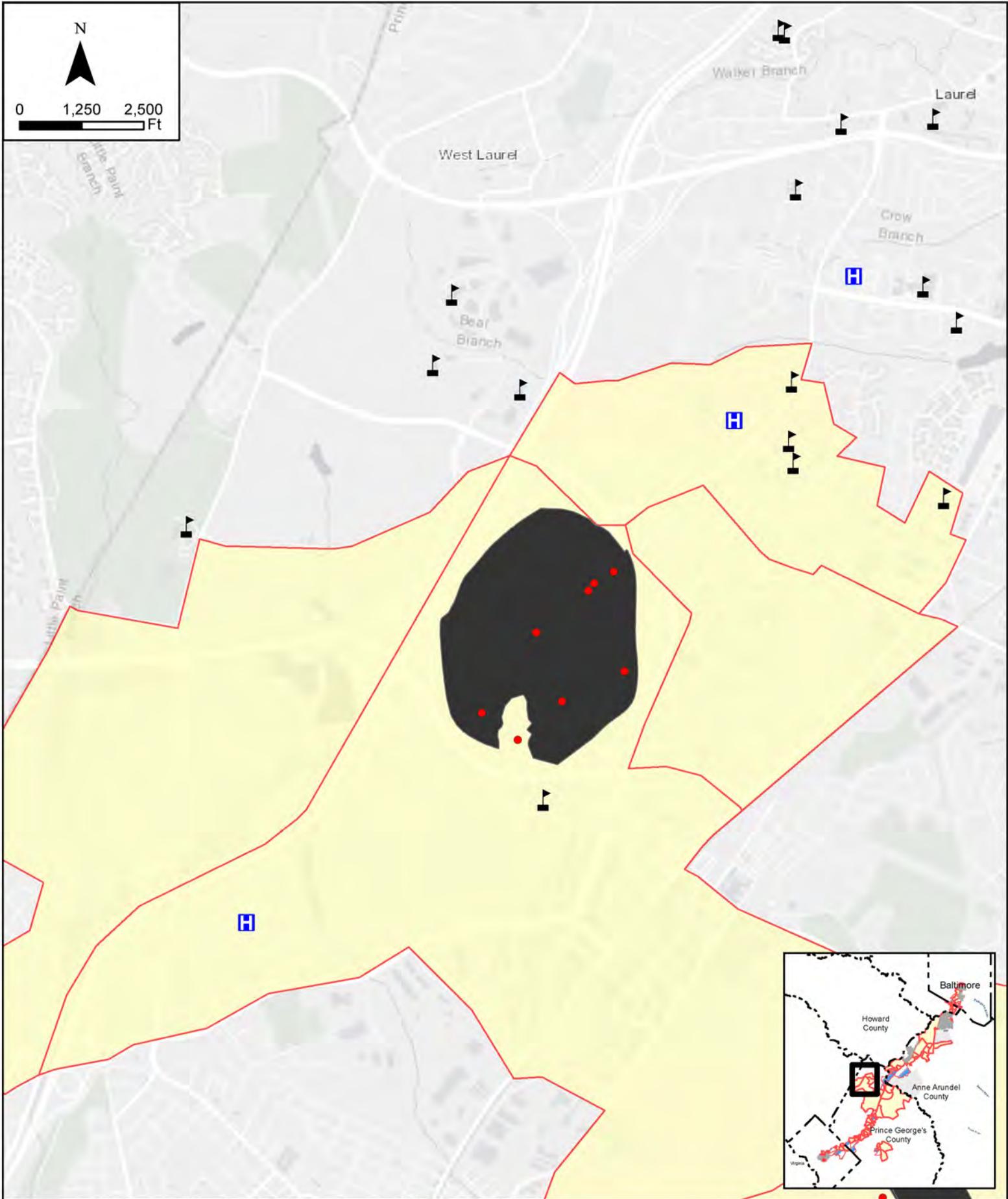
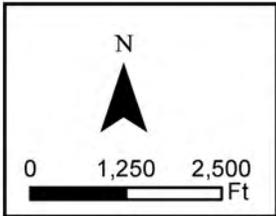
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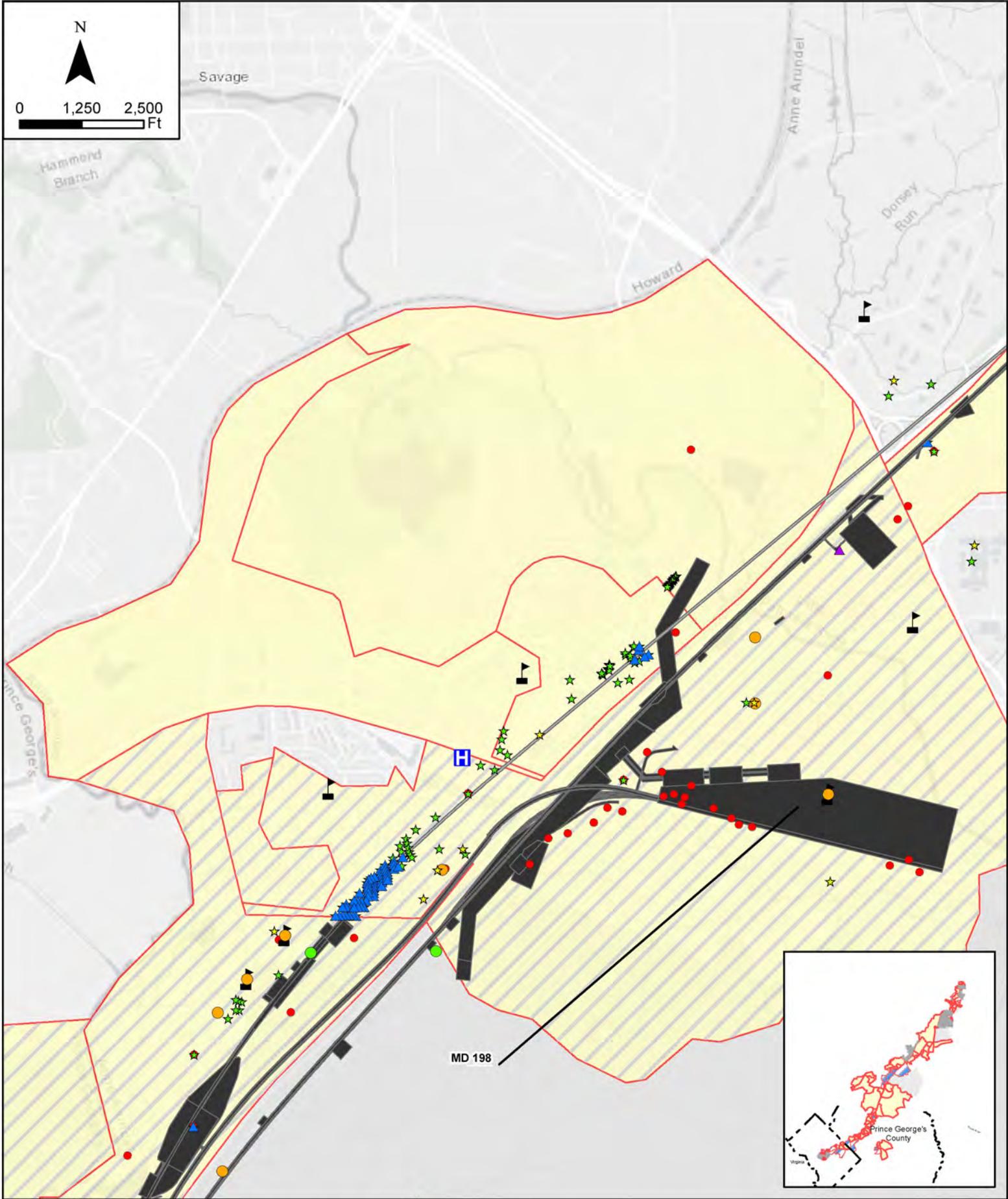
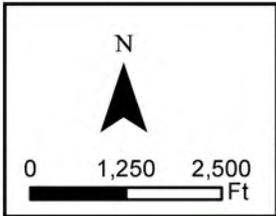
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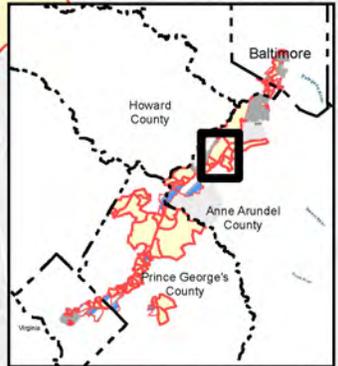
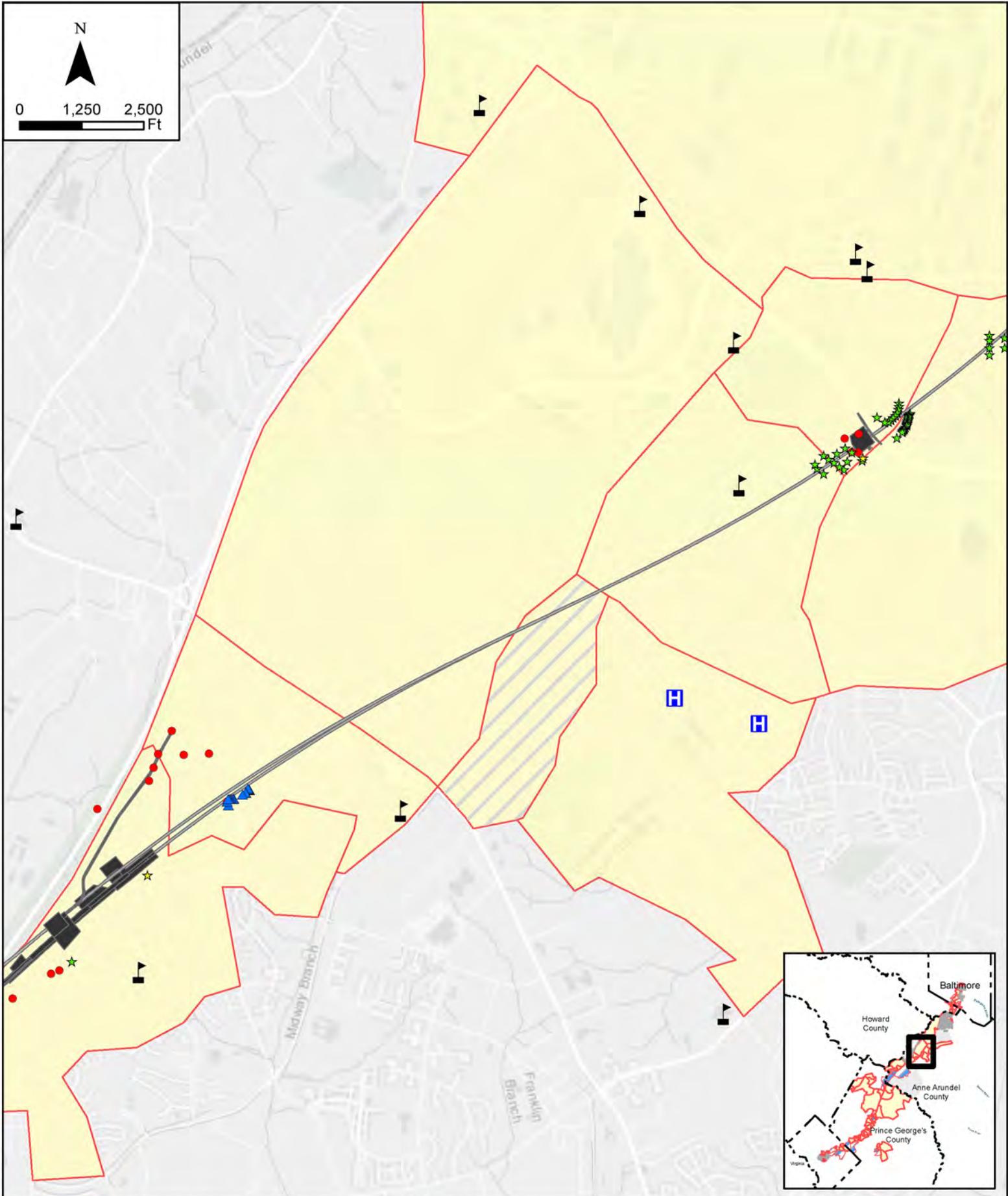
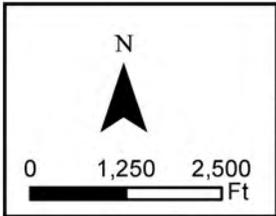
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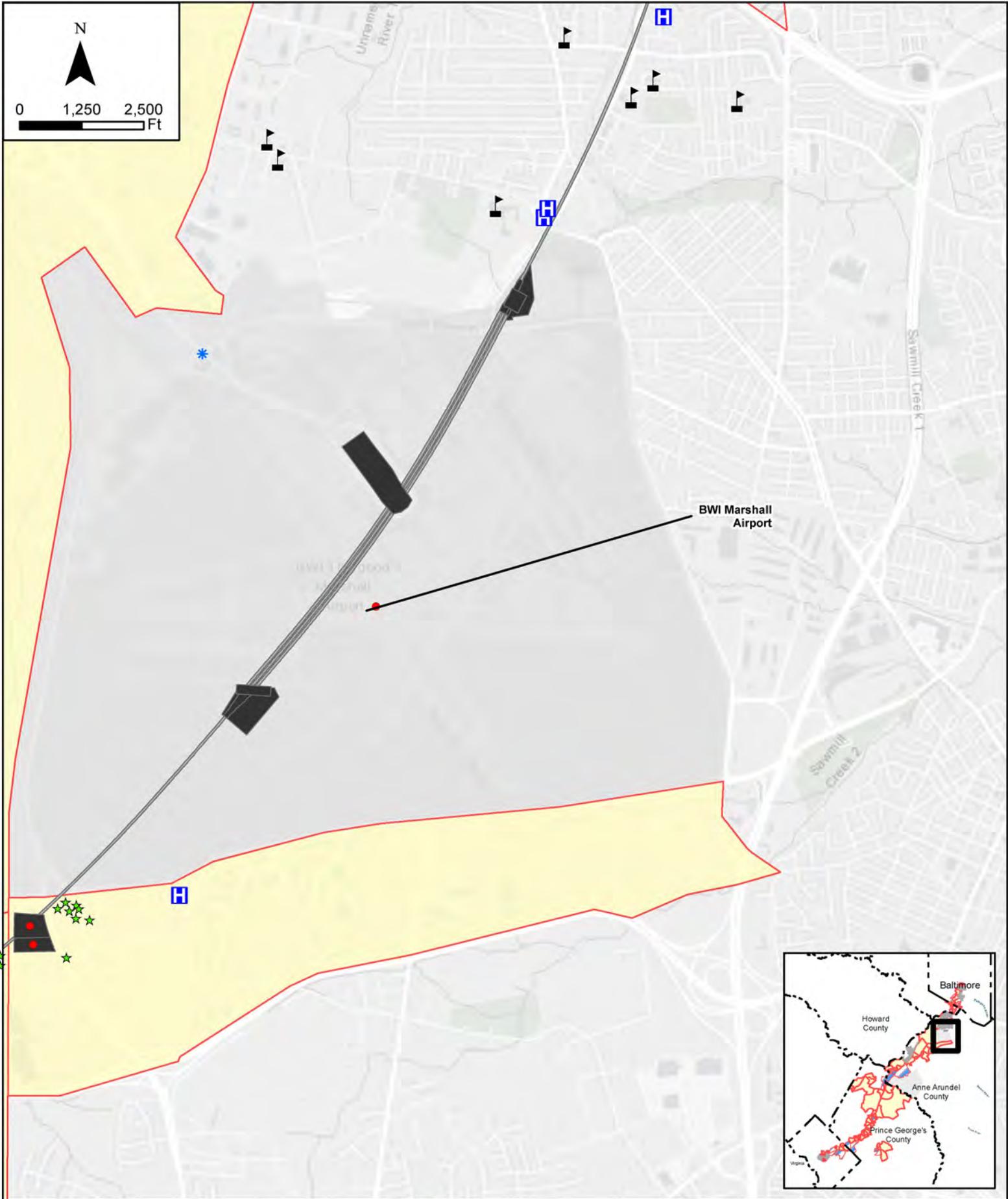
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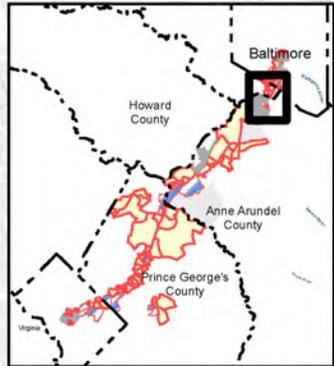
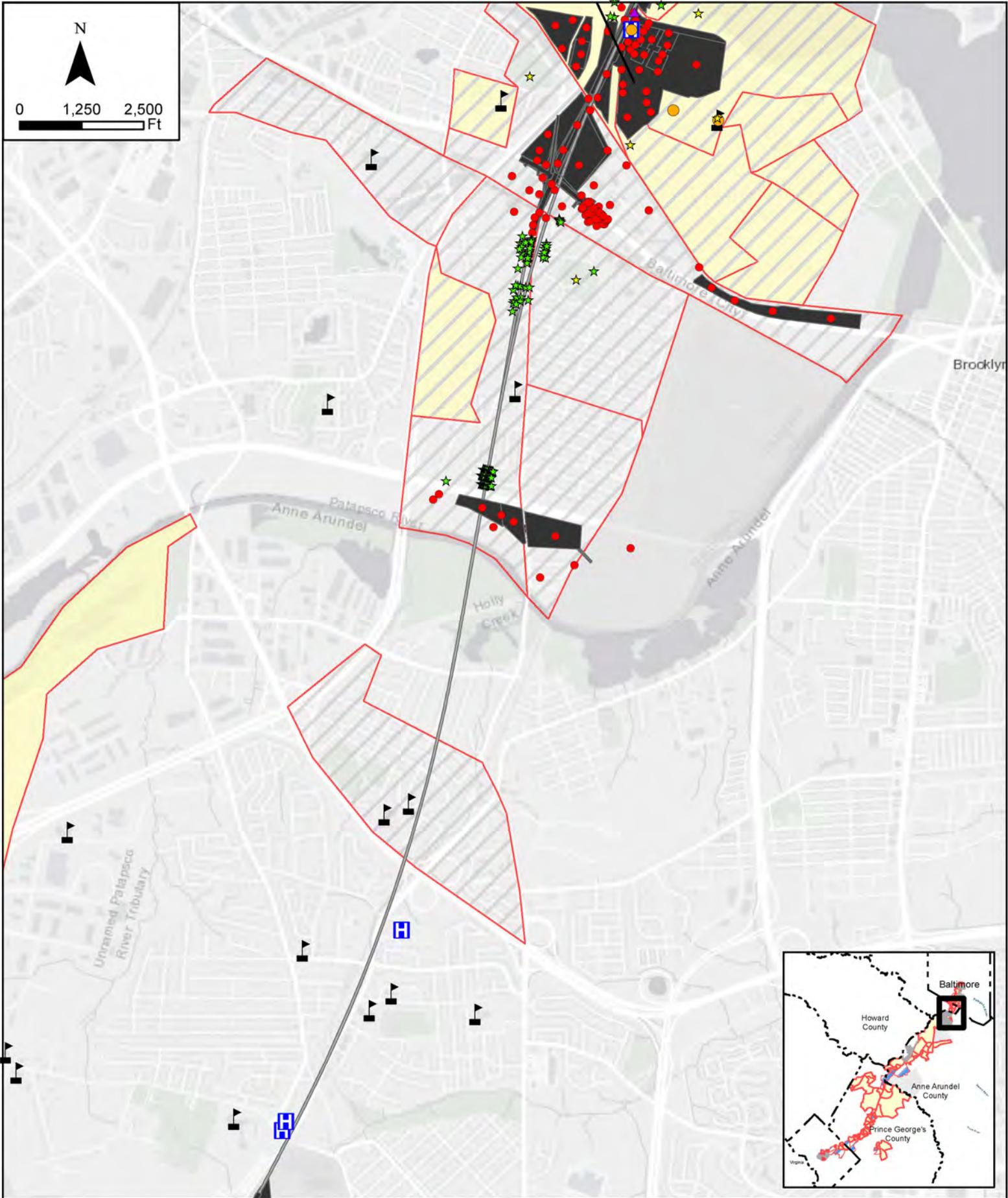
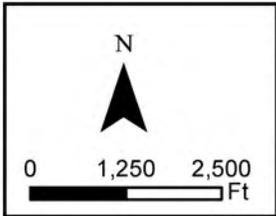
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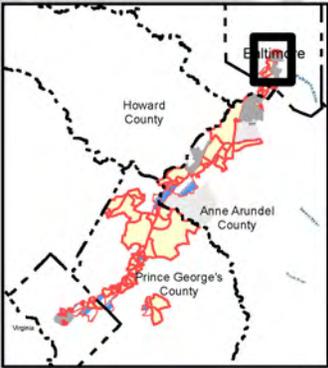
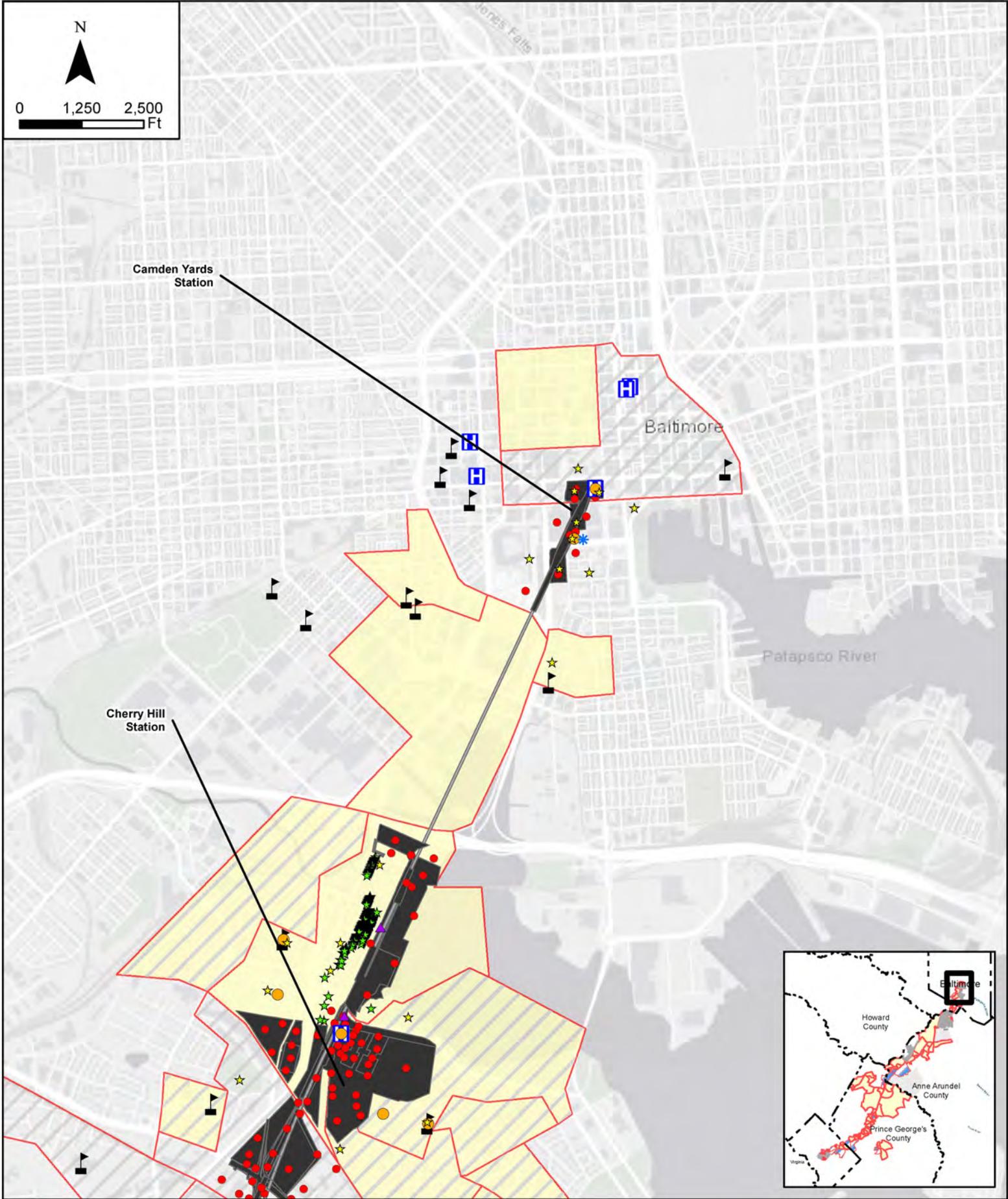
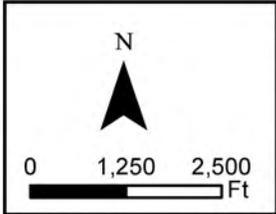
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**BALTIMORE-WASHINGTON SCMAGLEV PROJECT**  
**Environmental Justice Impact Analysis**

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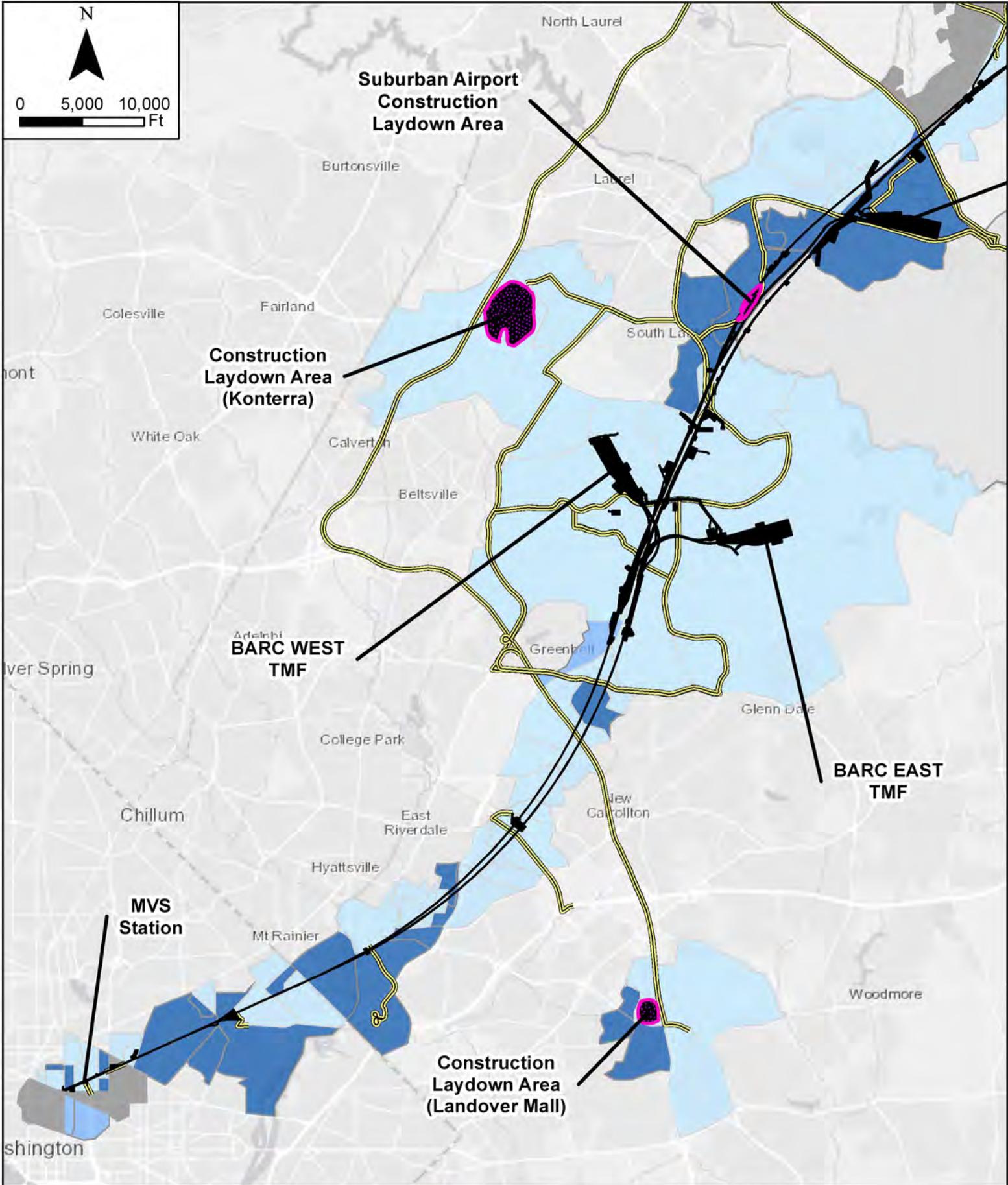
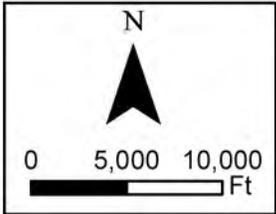
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## Construction Laydown Map

### Figure 2



**Major Construction Areas in Relation to EJ Population Areas**

**Figure X.X.**

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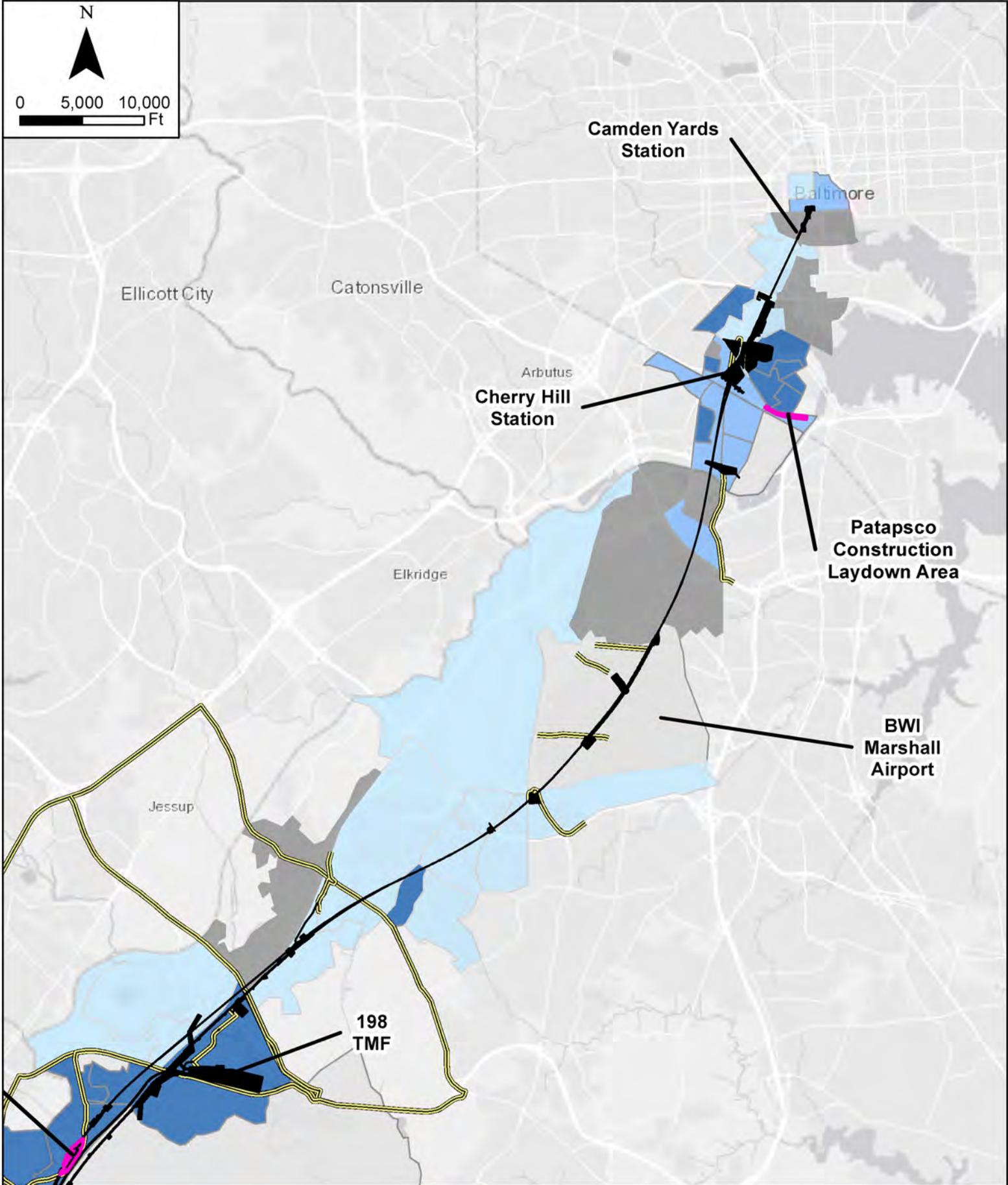
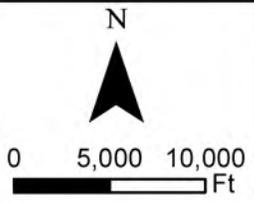
**Legend**

- Construction Laydown Area
- Merged Alignment
- Haul Roads

**Status of Block Group**

- Non EJ
- Minority EJ
- Low Income EJ
- Minority and Low Income EJ
- No Data





**Legend**

-  Construction Laydown Area
-  Merged Alignment
-  Haul Roads

**Status of Block Group**

-  Non EJ
-  Minority EJ
-  Low Income EJ
-  Minority and Low Income EJ
-  No Data

