EAST PARK ENERGY

East Park Energy

EN010141

Preliminary Environmental Information Report
Volume 2 – Technical Appendices

Appendix 9-2: Traffic Flow Diagrams

September 2024

Version 01

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Volume 2 – Technical Appendices

Appendix 9-2: Traffic Flow Diagrams

Version	Date	Status
01	September 2024	PEIR

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1.0 TRAFFIC FLOWS DIAGRAMS

Figure 1: Observed Traffic Flows 2022 (24 Hour AADT)

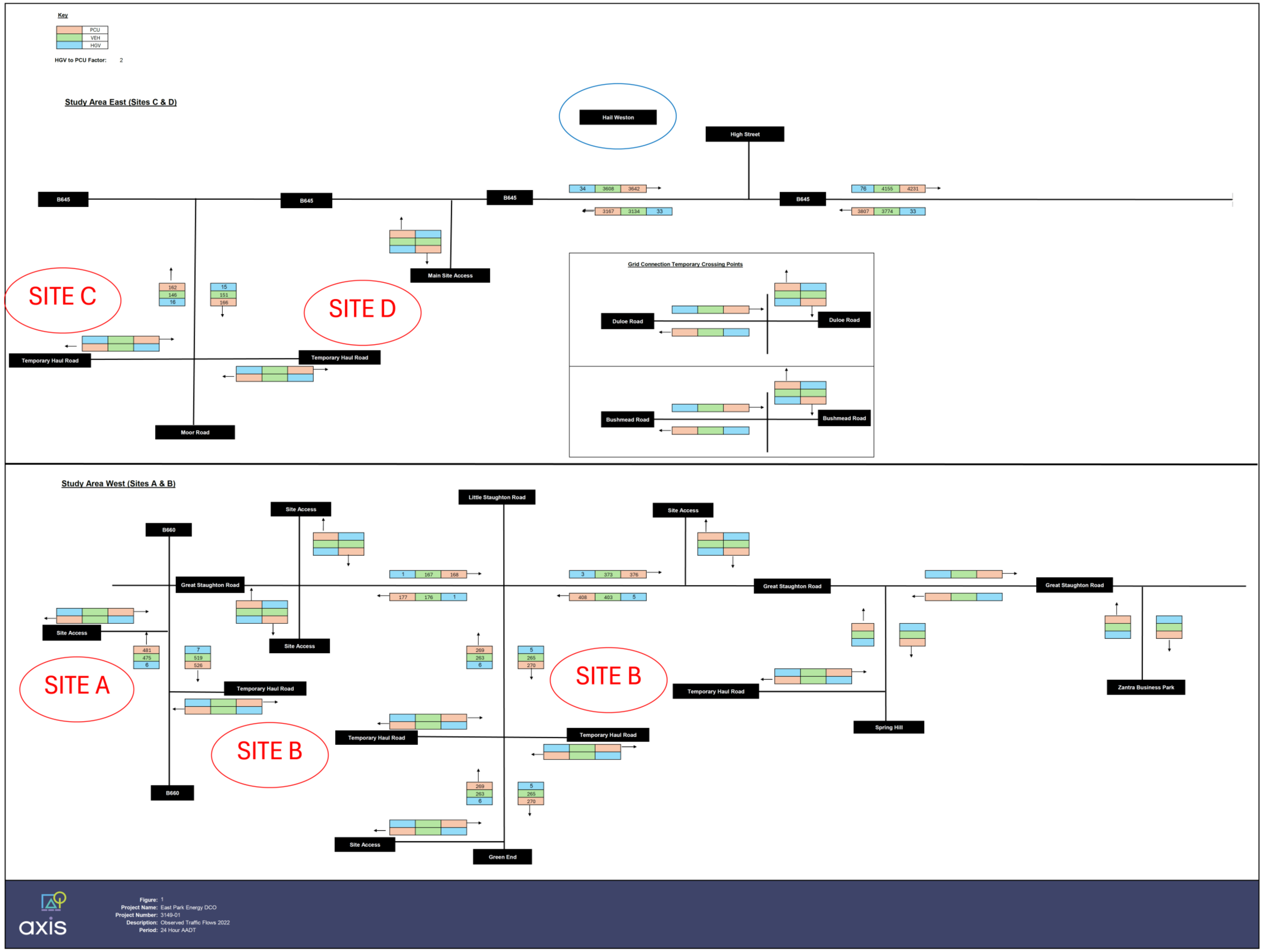


Figure 2: Observed Traffic Flows 2022 (12 Hour AAWT)

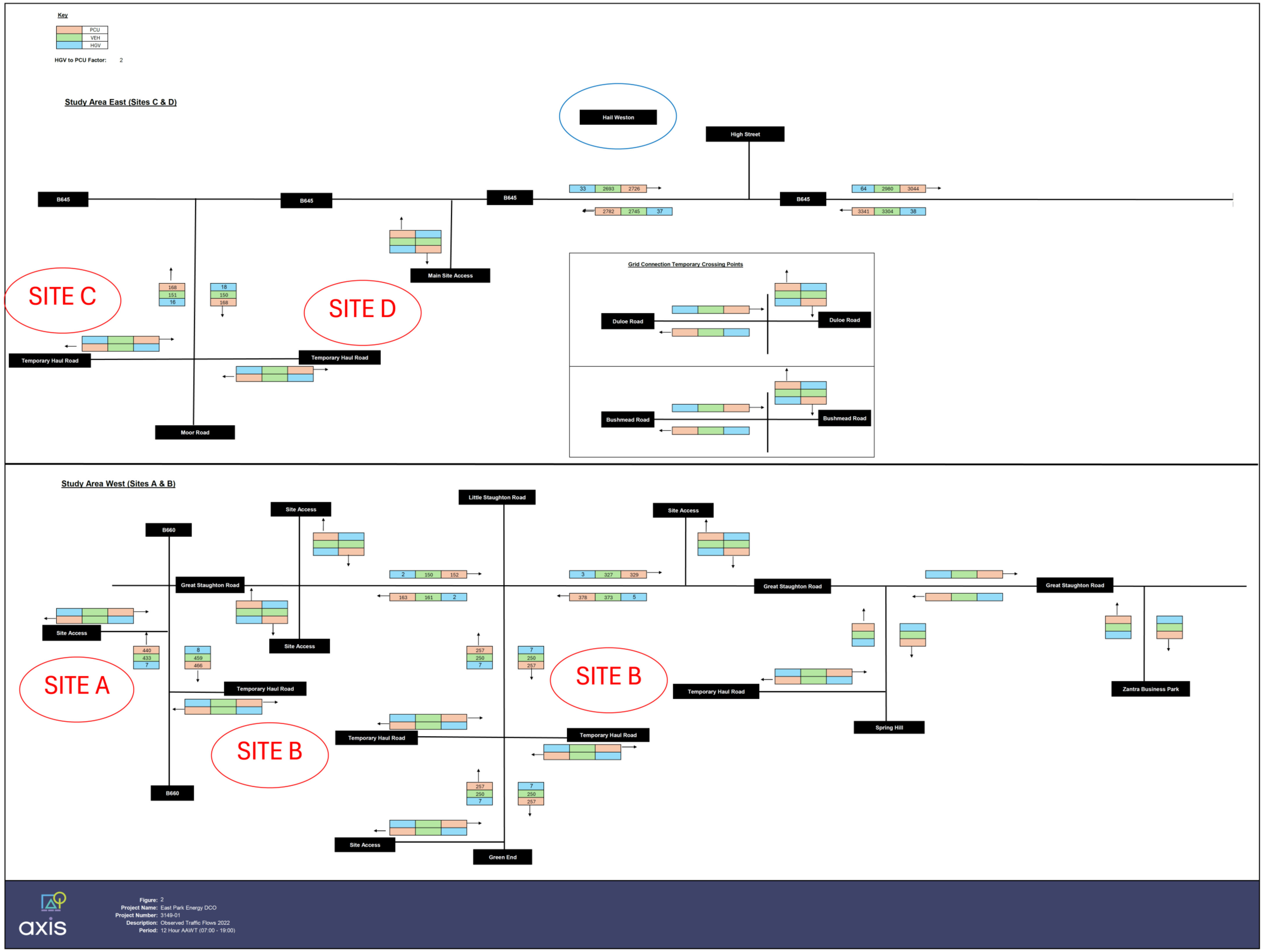


Figure 3: Observed Traffic Flows 2024 (24 Hour AADT)

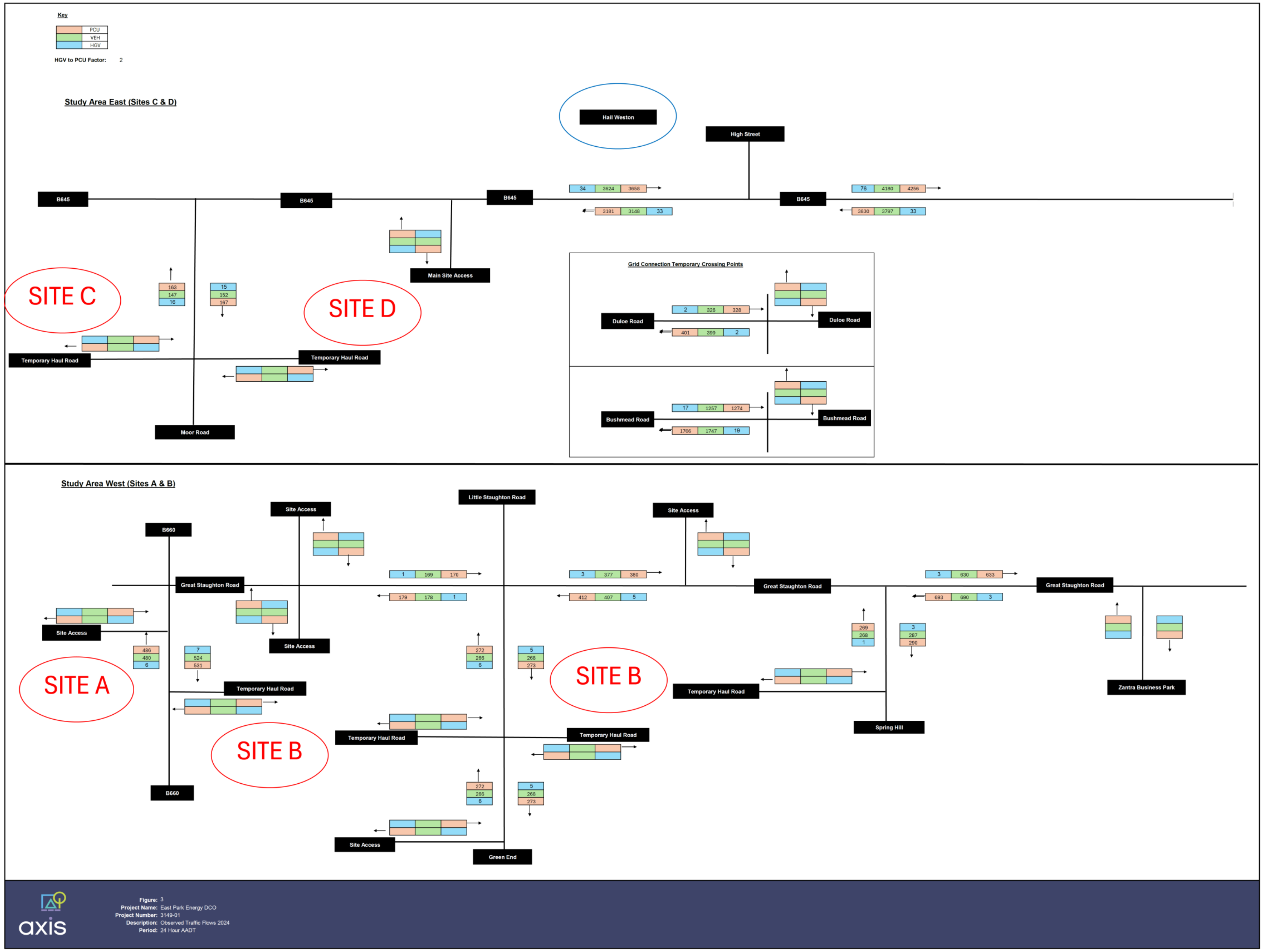


Figure 4: Observed Traffic Flows 2024 (12 Hour AAWT)

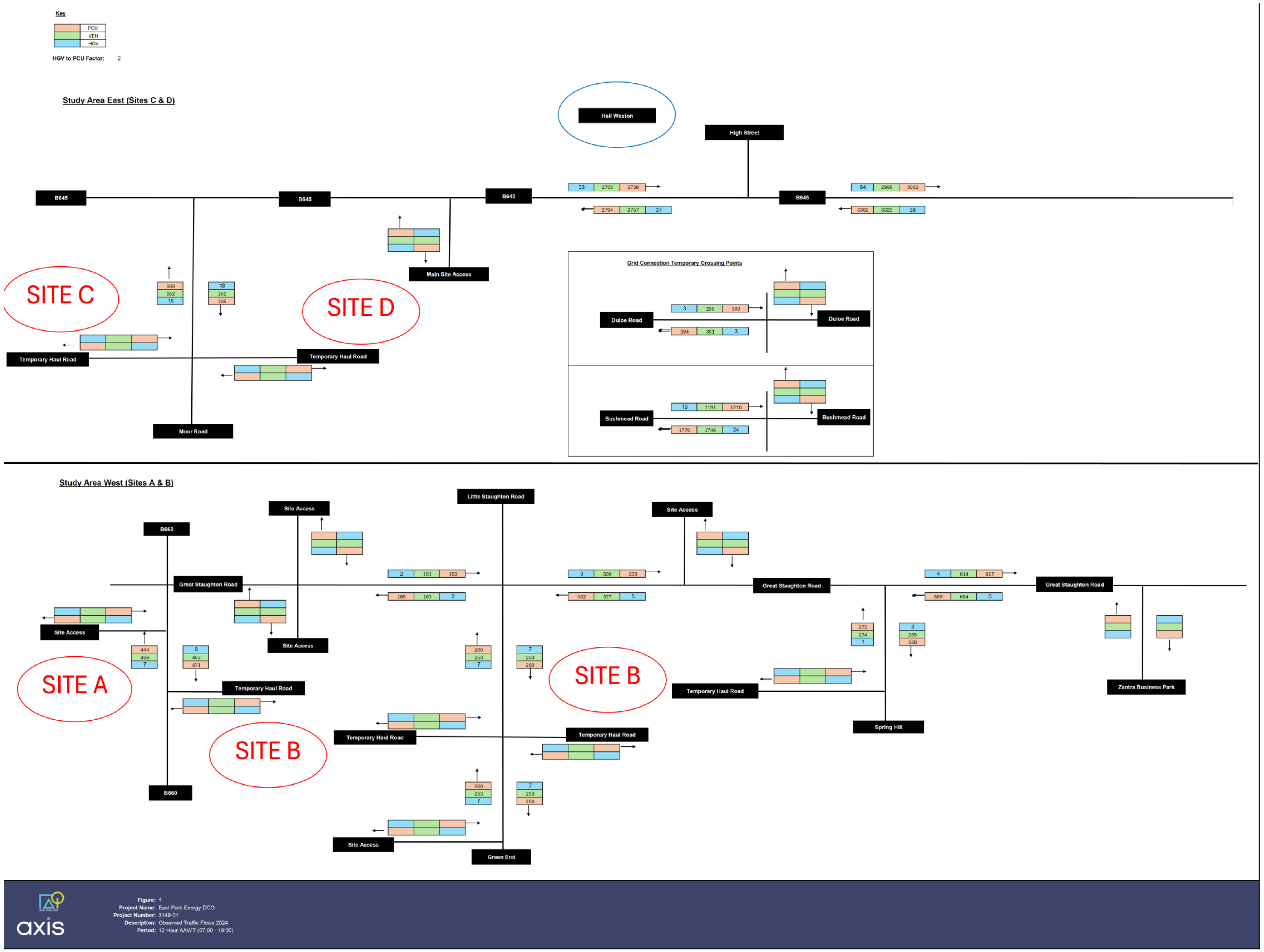


Figure 5: Factored Baseline Traffic Flows 2027 (24 Hour AADT)

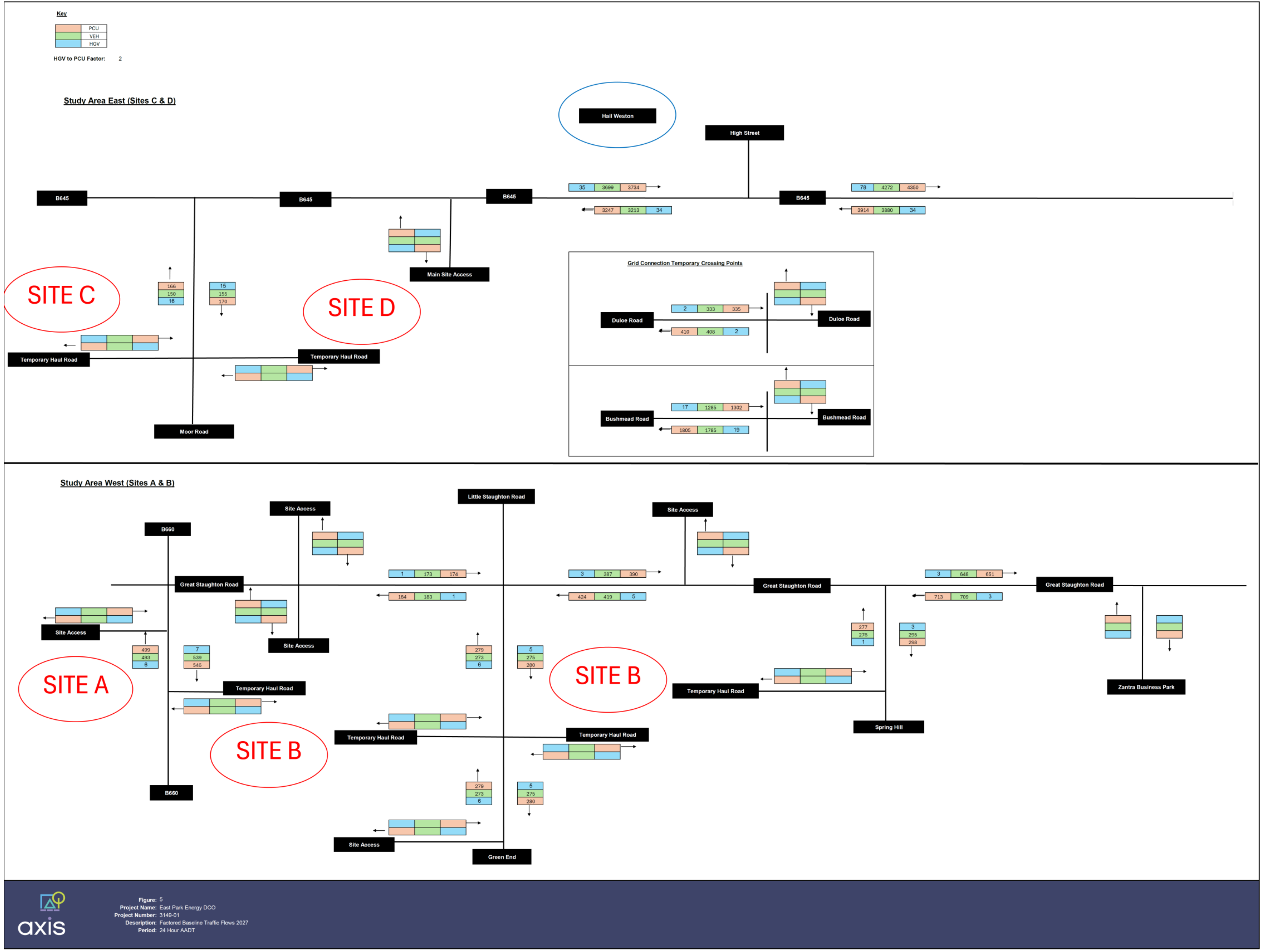


Figure 6: Factored Baseline Traffic Flows 2027 (12 Hour AAWT)

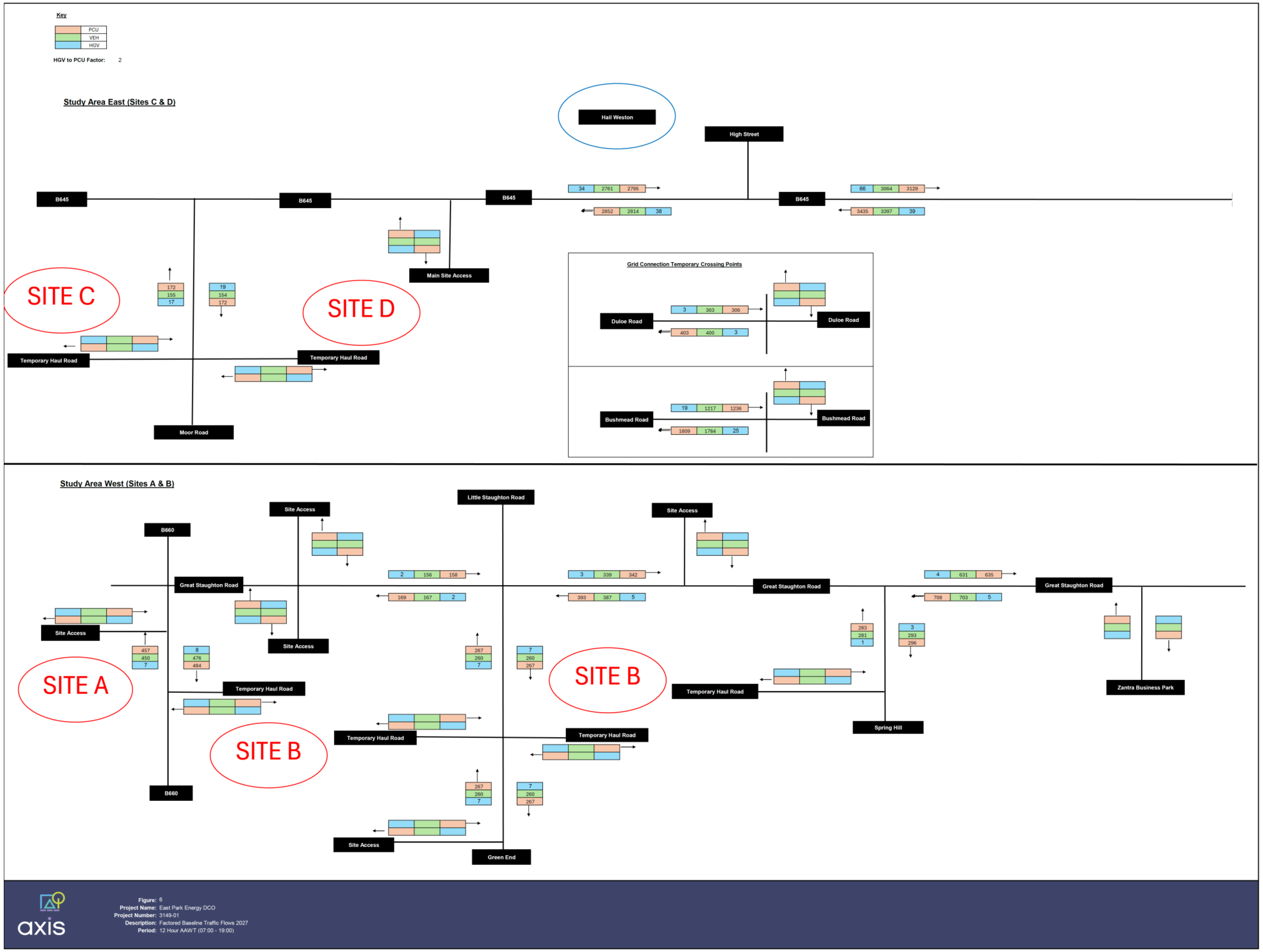
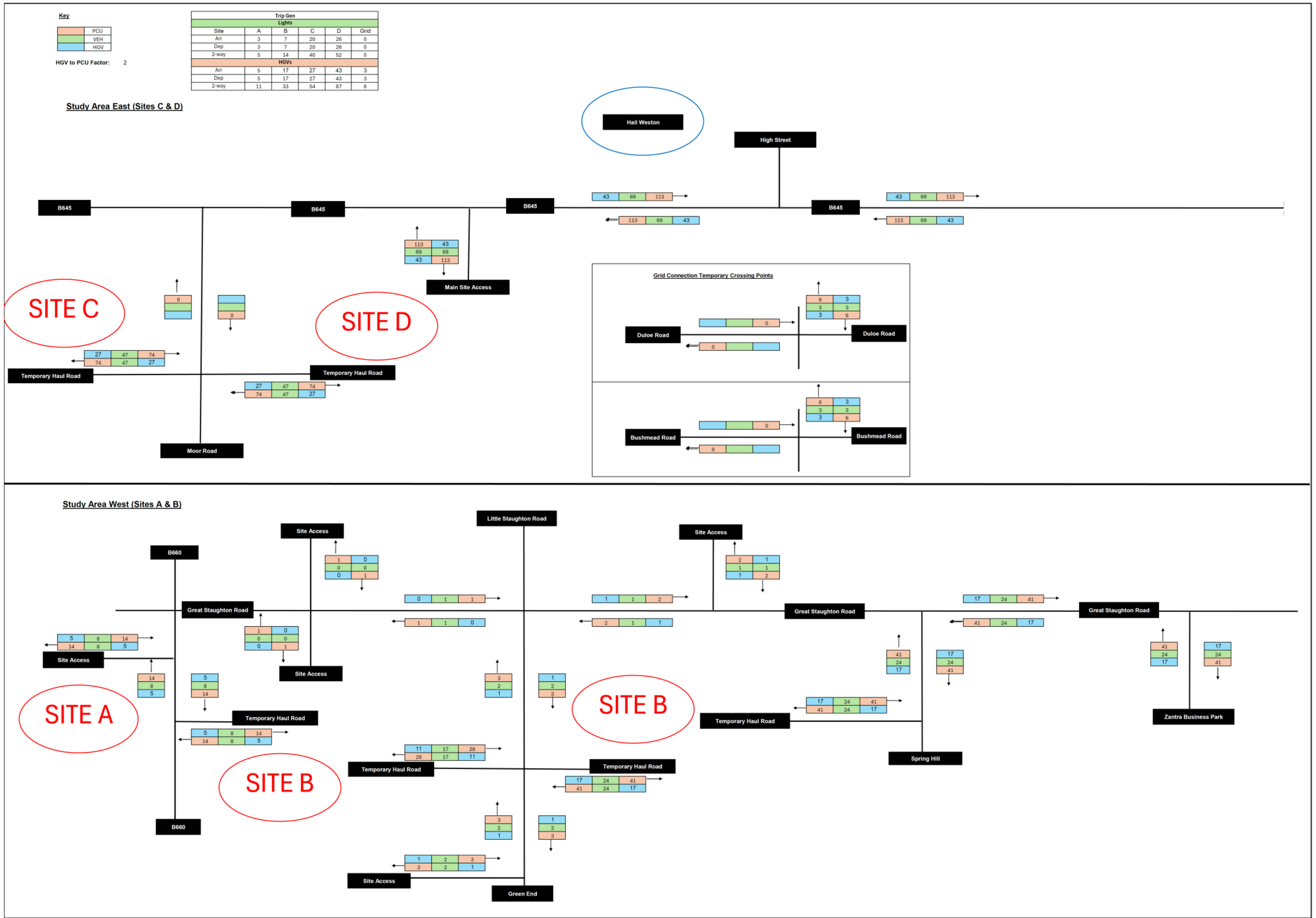


Figure 7a: Forecast Construction Trips – Average Weekday Flows: Month 2 (Maximum HGVs) (Option 1)



Trip Gen					
Lights					
Site	A	B	C	D	Grid
Arr	3	7	20	26	0
Dep	3	7	20	26	0
2-way	5	14	40	52	0
HGVs					
Arr	5	17	27	43	3
Dep	5	17	27	43	3
2-way	11	33	54	87	6

axis

Figure: 7a
Project Name: East Park Energy DCO
Project Number: 3149-01
Description: Forecast Construction Trips
Period: Avearge Weekday Flows - Month 2 (Maximum HGVs) - OPTION 1

Figure 7b: Forecast Construction Trips – Average Weekday Flows: Month 2 (Maximum HGVs) (Option 2)

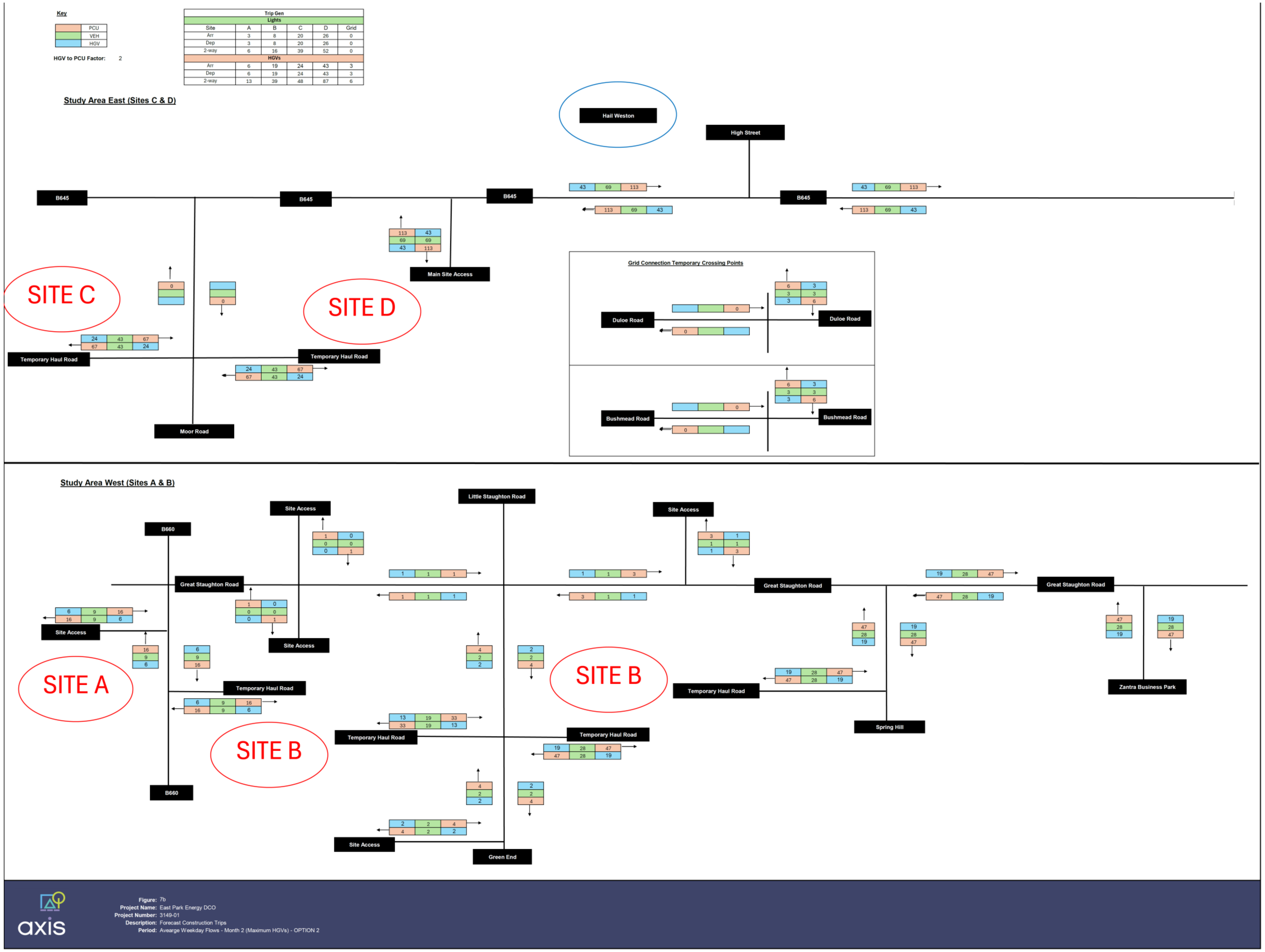


Figure 8a: Forecast Construction Trips – Average Weekday Flows: Month 12 (Maximum Staff) (Option 1)

Key

(peach)	PCU
(green)	VEH
(blue)	HGV

HGV to PCU Factor: 2

Trip Gen					
Lights					
Site	A	B	C	D	Grid
Arr	106	316	422	430	13
Dep	106	316	422	430	13
2-way	211	633	844	860	26
HGVs					
Arr	2	5	7	13	3
Dep	2	5	7	13	3
2-way	5	10	14	26	5

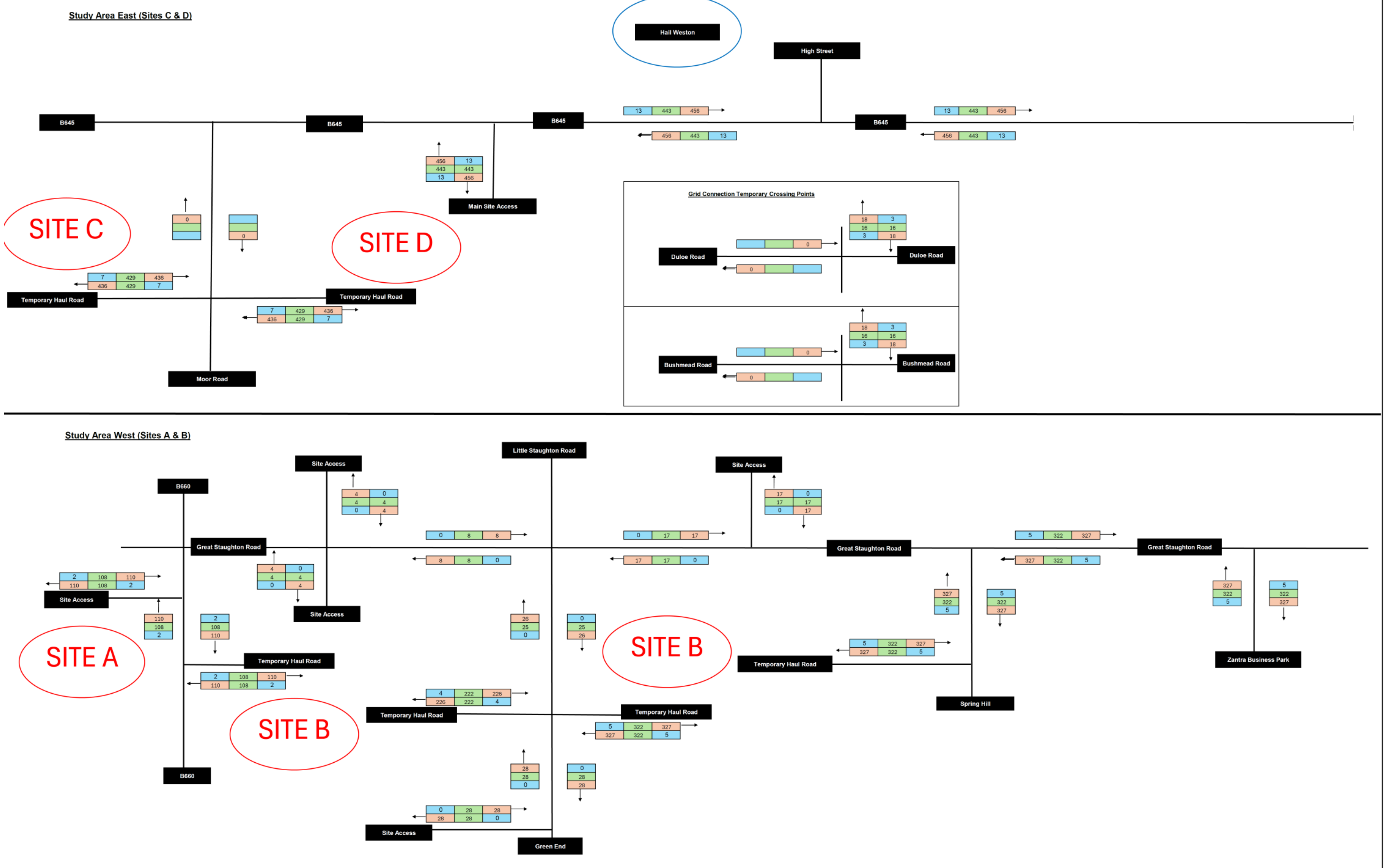


Figure: 8a
Project Name: East Park Energy DCO
Project Number: 3149-01
Description: Forecast Construction Trips
Period: Avearge Weekday Flows - Month 12 (Maximum Staff) - OPTION 1

Figure 8b: Forecast Construction Trips – Average Weekday Flows: Month 12 (Maximum Staff) (Option 2)

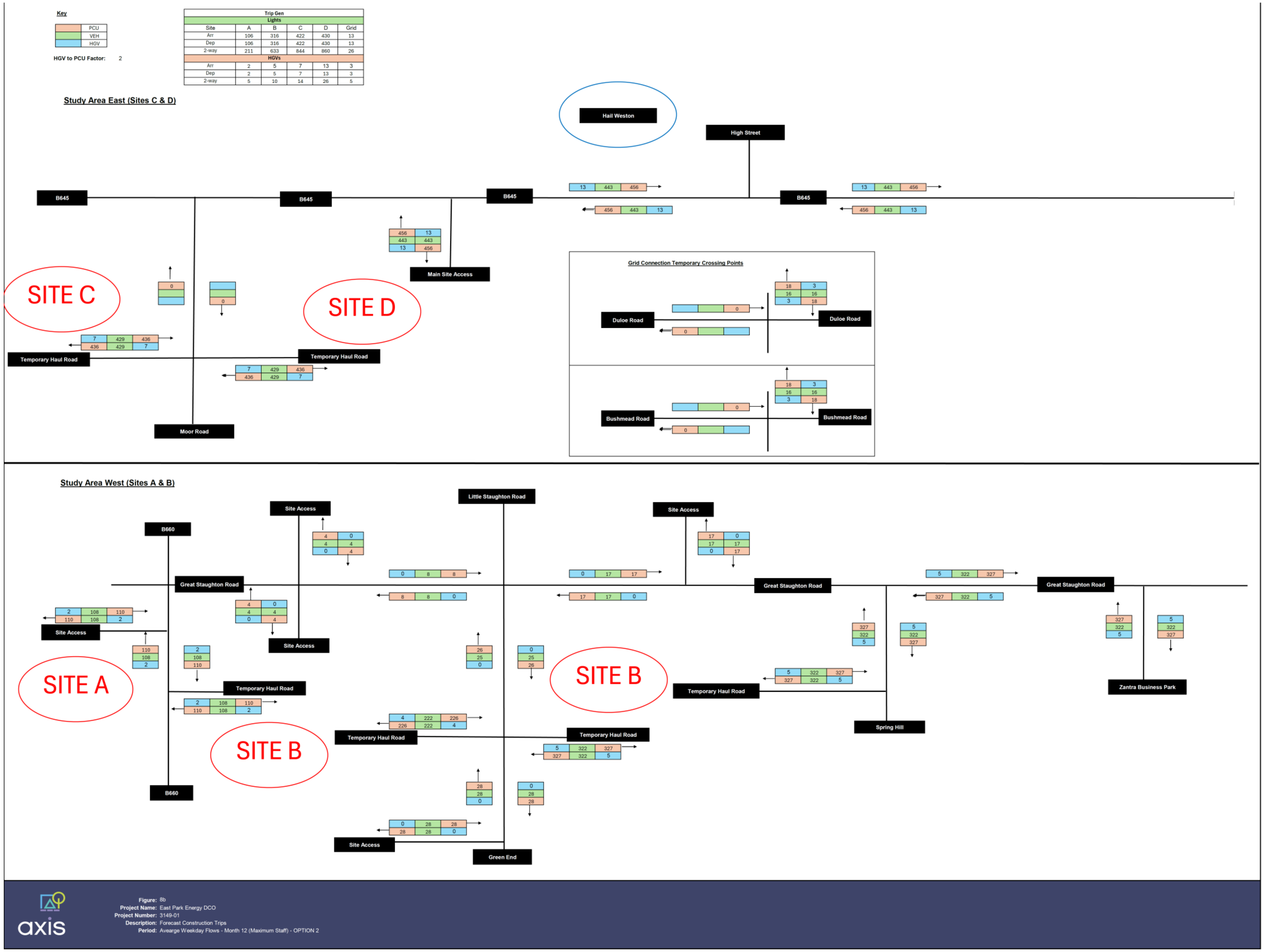


Figure 9a: Forecast Construction Trips – Average Weekday Flows: Whole Construction Period (30 months) - (Option 1)

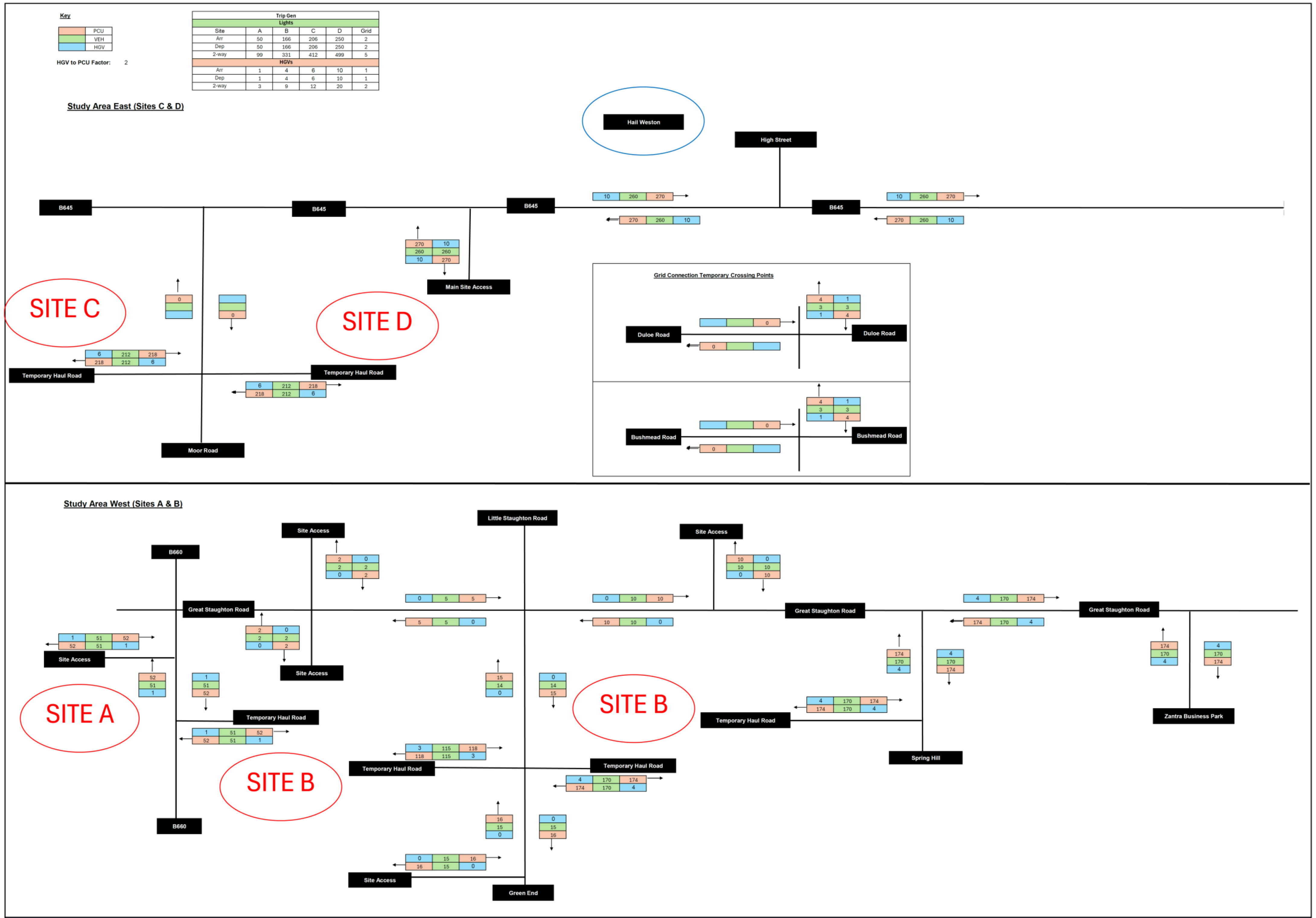


Figure: 9a
Project Name: East Park Energy DCO
Project Number: 3149-01
Description: Forecast Construction Trips
Period: Avearge Weekday Flows - Whole Construction Period (30 months) - OPTION 1

Figure 9b: Forecast Construction Trips – Average Weekday Flows: Whole Construction Period (30 months) - (Option 2)