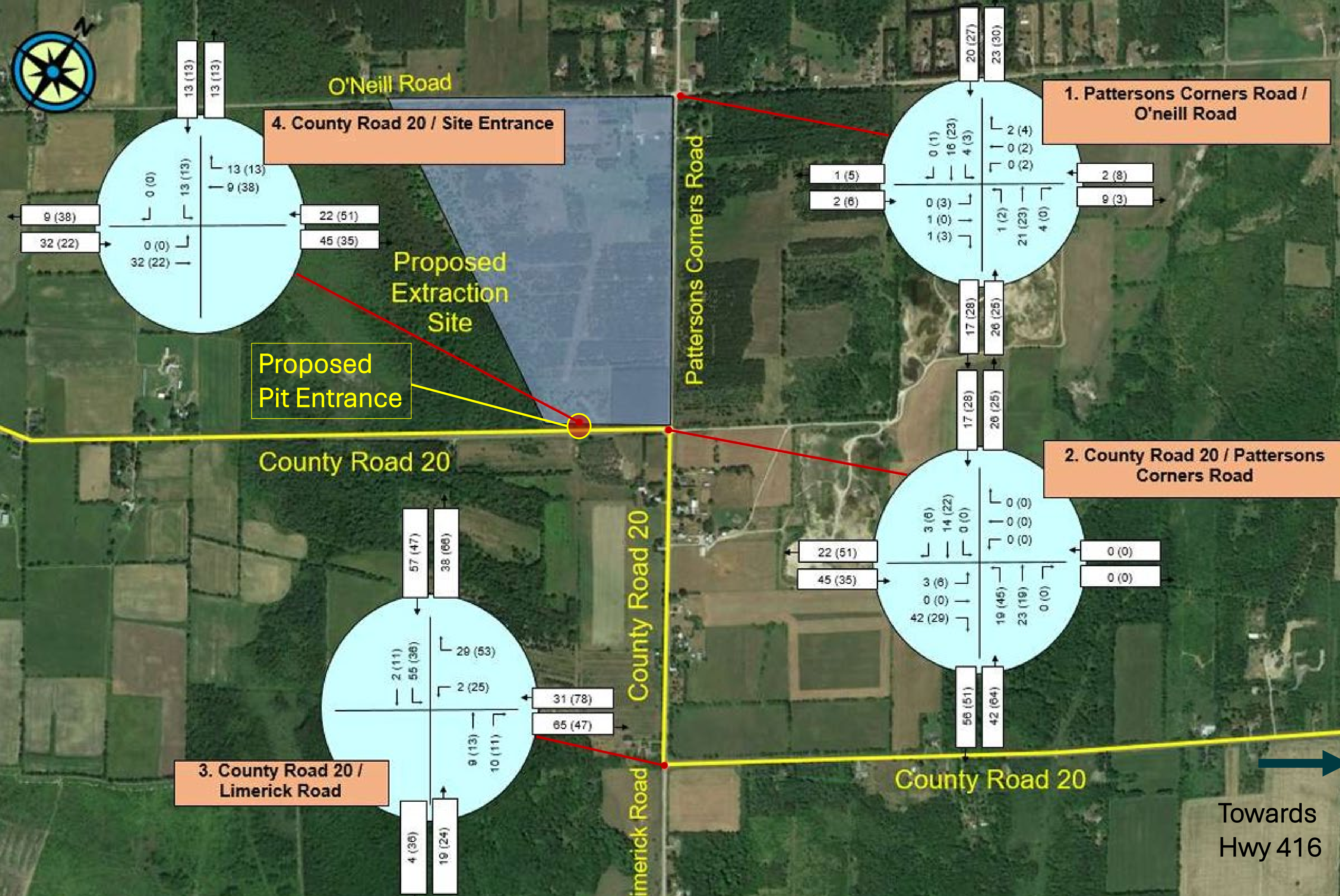




TOMLINSON EAST OXFORD PIT TRAFFIC IMPACT STUDY (FEB. 2026)

Expected Truck Volumes

Characteristics	Scenario 1 "Worst-Case"
a) Annual Hauling:	1,000,000 tonnes
b) Primary hauling vehicle:	40-tonne tractor trailers
c) Number of Trucks Required to Achieve Permitted Annual 1M Tonne Haul Threshold	25,000 trucks per year ¹
d) Partial or Year-Round Operations?	Year-Round Operation: Excludes Holidays and 2 inclement weather days
e) Operations:	- Excludes weekend operations - Weekdays: 4,500 hours² - Weekend days: 0 - Total: 4,500 hours
Total Annual Hours of Operation	
f) Percents of Weekday Hours over Total Hours	100%
g) No of Annual Weekday Truck Loads	25,000 Truck Loads
h) Average No. of Trucks per Weekday	100 Truck Loads/weekday
i) "Adjusted" trucks-per-hour:	13 trucks inbound 13 trucks outbound
j) "Adjusted" two-way truck trips-per-hour:	26 truck trips (13 empty, 13 full)

Forecast Traffic Volumes

Morning peak hour (Afternoon Peak Hour) Vehicles-per-hour

Intersection		Control Type	Critical Approach/ Movement	Weekday			
				Morning Peak Hour (Afternoon Peak Hour)		95 th Percentile Queue (m)	Volume-to-Capacity Ratio (v/c)
				Average Delay per Vehicle (seconds)	Level of Service		
1.	Pattersons Corner Road / O'Neill Road	Minor Leg STOP-controlled	EB-LT	8.9 (8.7)	A (A)	0.0 (0.0)	0.002 (0.01)
		Free Flow	SB-LT	7.3 (7.3)	A (A)	0.0 (0.0)	0.003 (0.002)
		Free Flow	NB-LT	7.3 (7.3)	A (A)	0.0 (0.0)	0.001(0.001)
2.	CR-20 / Pattersons Corners Road	Minor Leg STOP-controlled	SB-TH	8.9 (9.1)	A (A)	0.75 (0.75)	0.02 (0.03)
		Free Flow	EB-LT	7.3 (7.4)	A (A)	0.0 (0.0)	0.002 (0.01)
3.	CR-20 / Limerick Road	All Way STOP-controlled	SB	7.5 (7.5)	A (A)	1.5 (1.5)	0.07 (0.06)
			WB	6.7 (7.1)	A (A)	0.75 (2.25)	0.03 (0.09)
			NB	6.8 (7.0)	A (A)	0.75 (0.75)	0.02 (0.03)
4.	CR-20 / Site Entrance	Minor Leg STOP-controlled	SB-LT	8.8 (8.9)	A (A)	0.0 (0.0)	0.01 (0.02)
			EB-LT	0.0 (0.0)	A (A)	0.0 (0.0)	- (-)

- Trucks access the site from Hwy 416 via CR-20
- CR-20 is a dedicated truck route with a 5-tonne-per-axle max load limit between Feb. 15th -to- May 15th
- All minor movements operate:
 - with a Level of Service "A",
 - average delays under 10 seconds,
 - very low volume-to-capacity (v/c) ratios < 0.1, and
 - queues of a single vehicle (3m -or-less).