



**CITY OF
REVELSTOKE**

**ENGINEERING
DEPARTMENT**

Stoked Living – traffic

ADP

July 2nd, 2020

Stoked Living Traffic – Nichol/Camozzi

- Nichol/Camozzi Average Daily Traffic
 - Winter Peak – 4200 Vehicles Per Day (VPD)
 - Average Daily – 3300 VPD
 - Weekday – 2300 VPD



Stoked Living Traffic

- Trip generation Daily
 - Existing zoning - 590 Trips a Day
 - Proposed zoning for Stoked living – 625 Trips a Day



Stoked Living Traffic- Peak hour traffic

- Stoke Living – under existing zoning
 - Peak hour (Afternoon – 4 to 6pm) trips generated: 58
 - 37 into development
 - 21 out of development
 - Peak Hour (Morning 8 to 10am) trips generated: 44
 - 11 into the development
 - 33 out of the development
- Stoked Living – Proposed development
 - Peak hour – (Afternoon – 4 to 6pm) Trips generated: 60
 - 37 into development
 - 23 out of the development
 - Peak Hour (Morning – 8 to 10am) trips generated: 45
 - 11 into the development
 - 34 out of the development



Stoked Living – Intersection performance

- **Level of Service**

- A measure of traffic flow – congestion- density- comfort
- LOS A
 - Free flow
- LOS B
 - Reasonable free flow
- LOS C
 - Stable flow – requires more awareness
- LOS D
 - Speed decreases, driver comfort increases



Stoked Living – Intersection performance

- LOS – unsignalized intersection delay
 - LOS A - <10 second
 - LOS B – 10-15 second
 - LOS C – 15-25 seconds
 - LOS D – 25-35 seconds
 - LOS E – 35-50 seconds
 - LOS F - >50 seconds



Stoked Living – Intersection performance

- LOS
 - Existing zoning: LOS B
 - Proposed zoning: LOS B
- Future realignment of Camozzi/Nichol/Hay Road intersection will be designed to accommodate a traffic signal if needed

