Woodland Public Schools

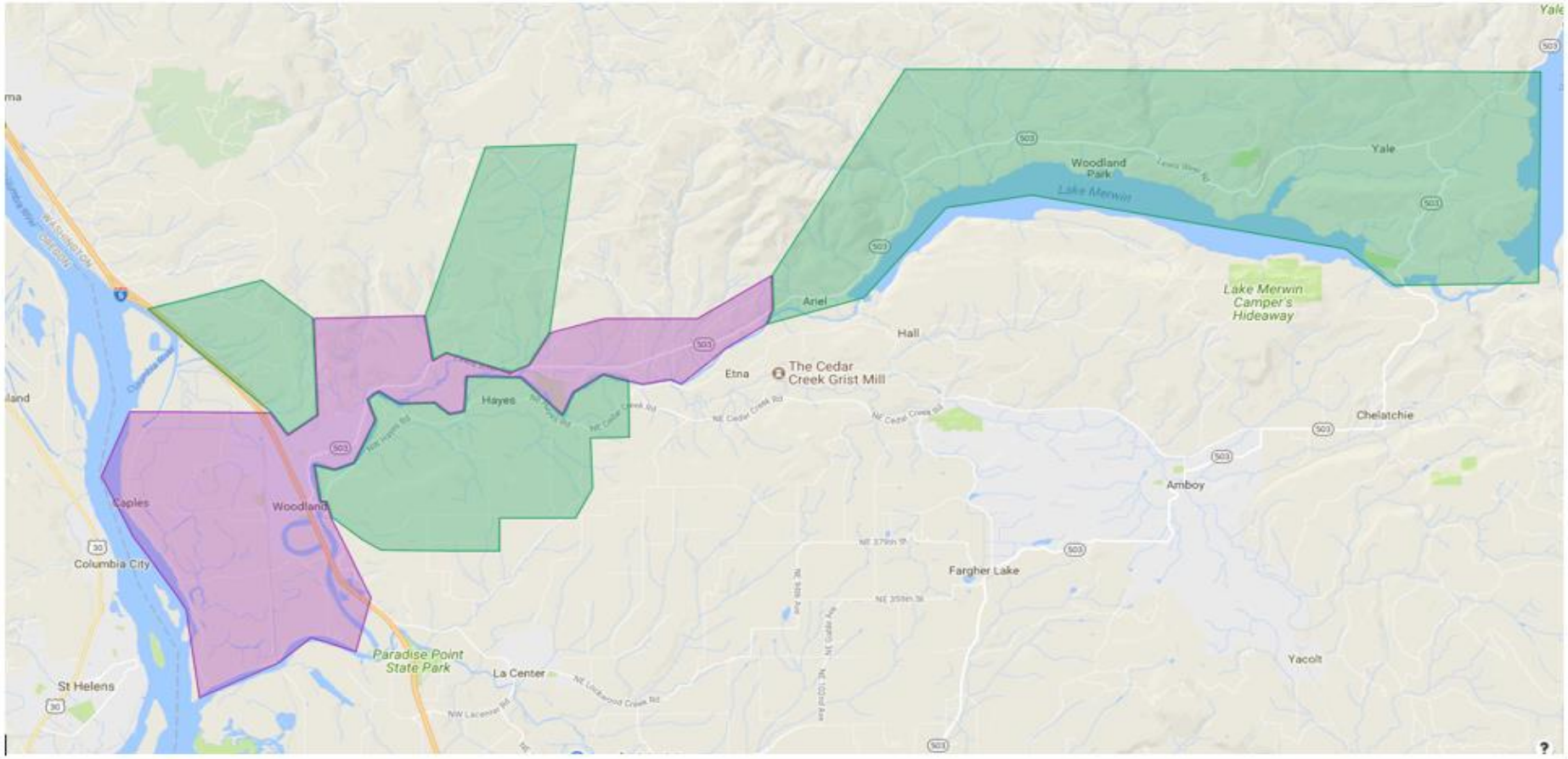
Transportation Model Work Shop

KWRL Transportation Cooperative

March 12, 2018

Woodland Public Schools

Current Hybrid Model Discussion



Woodland Public Schools Hybrid Transportation Model

Current Hybrid transportation model includes:

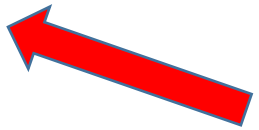
- Shuttle/hub model functions
- K-12 model functions
- Modified Double Run functions
- Building Specific Direct Drop functions

Modified Double Run Zone

K-12 Transportation Zone

“Ride Time” Time spent on the school bus

	WHS	WMS	WIS	WPS
Average Long	57	60	60	67
Average Short	14	23	10	27
Average Collective	34	41	35	47
Extreme Long	105	115	95*/74	120*/90
Extreme Short	4	2	4	7
Average Time With Active Route			46	
Average Time From Route to Last Buidling			33	



All of a students time on the bus from the time they step onto the bus and up to the time they stop off the bus at their building can be broken down into one of two categories. One category would be active route “time spent gathering students bus stop to bus stop. The other category would be the time spent traveling from the last bus stop to the schools, which may be multiple schools before the student steps off the bus.

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Longest bus rides in district are WIS or WPS students who choose to come to Woodland instead of going to Yale.

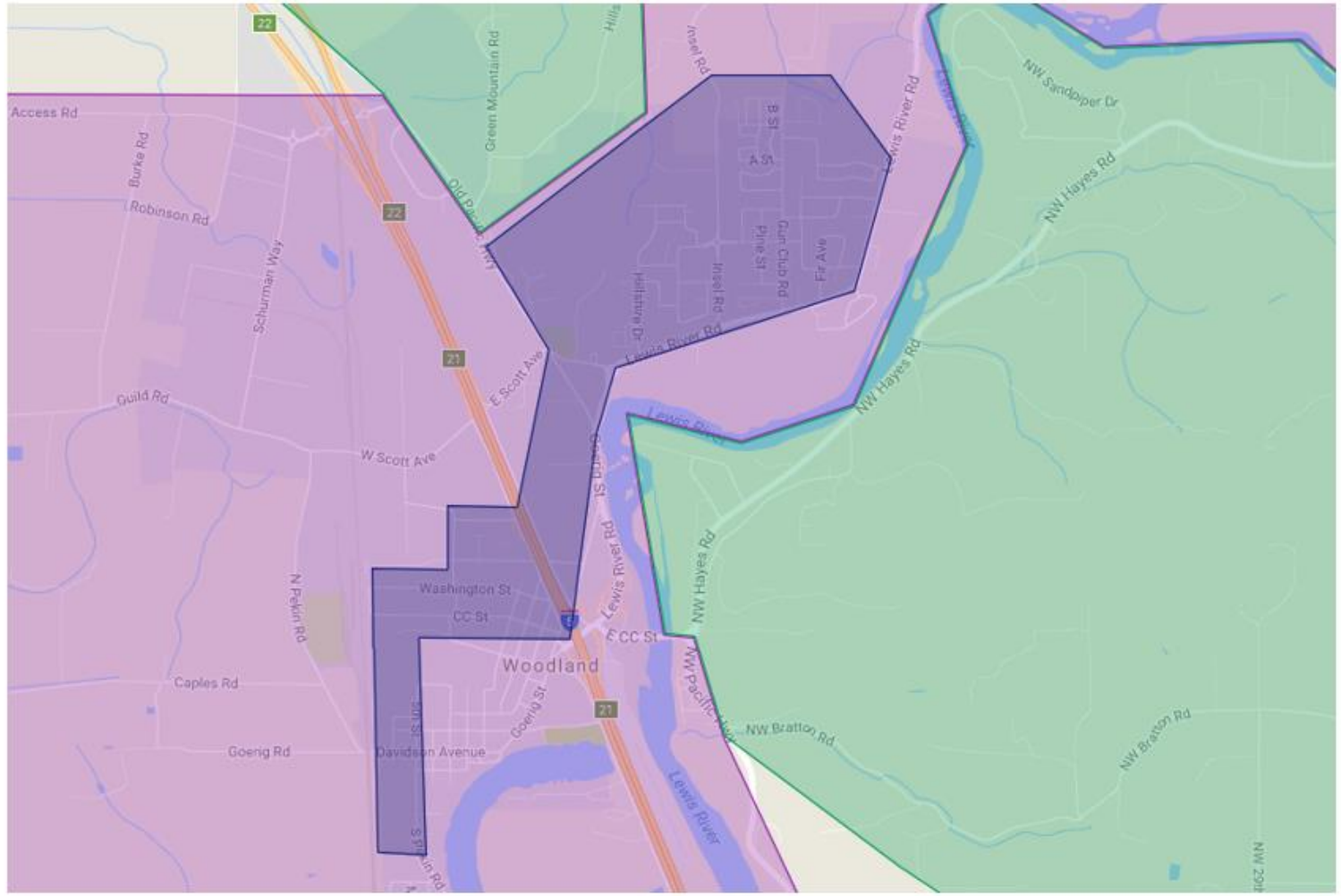
"SHORT RIDE"

The shortest bus rides are a product of two variables

1. Those that live in close proximity to the school
2. The development of building specific "direct drop" opportunities within the Hybrid model

RELATIONSHIP OF VARIABLES TO TRANSPORTATION MODELS

- Hybrid model takes advantage of "direct drop" opportunities whenever possible
- Hybrid developed "direct drop" opportunities to avoid the parade of buses to four buildings which would have made the **wasted travel** number much higher.
- Double Run Model with Tiered School Model eliminates "direct drop" opportunities
- Double Run Model with Neighborhood School Model nearly eliminates **wasted travel**



12 of 18 buses engage in building specific direct drop functions / 6 of 18 buses engage is shuttle functions

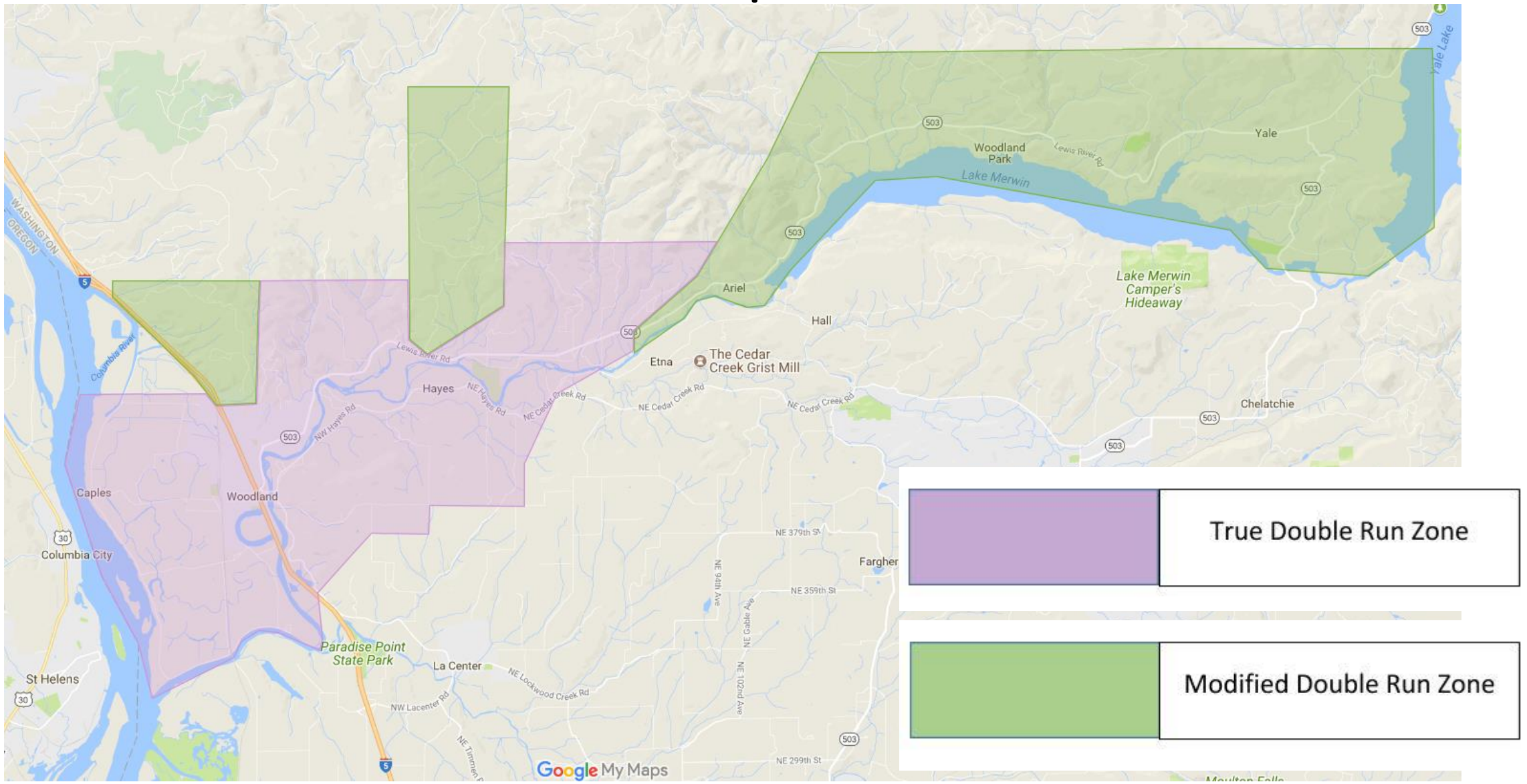
Hybrid Model includes areas with building specific direct drop function such as the darkened area in the map above. In this area KWRL will drop as many WHS and WIS students as possible before we must travel to WMS and WPS to meet the WMS and WPS bell. This function helps reduce ride time for this population of students by avoiding travel and additional load time at another campus.

Two Transportation Model Options

- Hybrid
  - Model includes variations of various models such as K-12, Modified Double Runs and Hub/Shuttles based on building and geographic location.

- Double Run
  - Double Run – Same bus completing same route (twice)
    - Double Run with Tiered Buildings Bell Schedule
    - Double Run with Neighborhood School Bell Schedule

Double Run Transportation Model



Four Different Transportation Related Issues to Consider

- K-12
- Least Ride Time
- Optimum Learning Bell Schedule
- Additional Learning Opportunities

Other Possible Options?

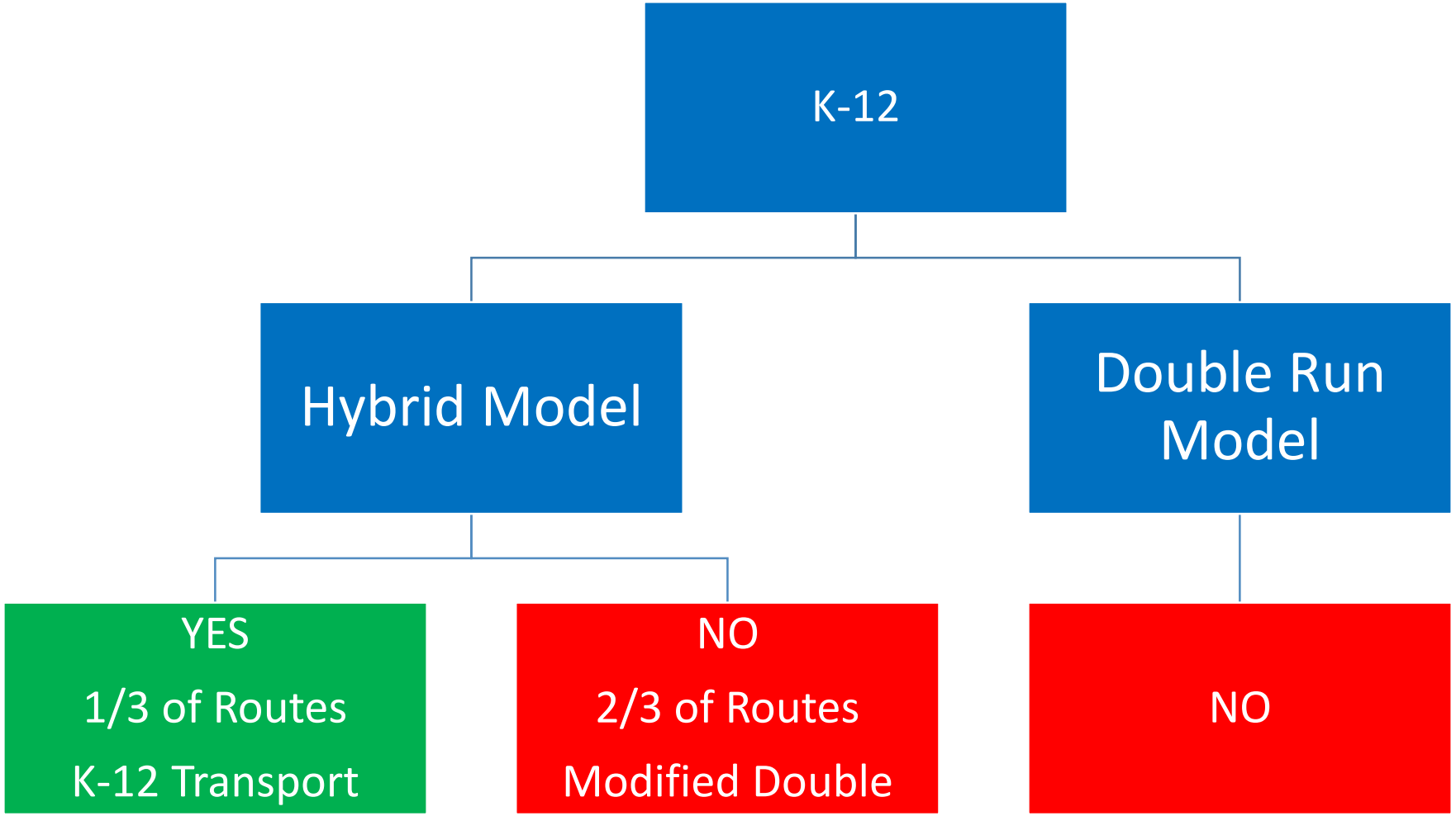
How does each model function and perform with each transportation issue or concern?

The Variable

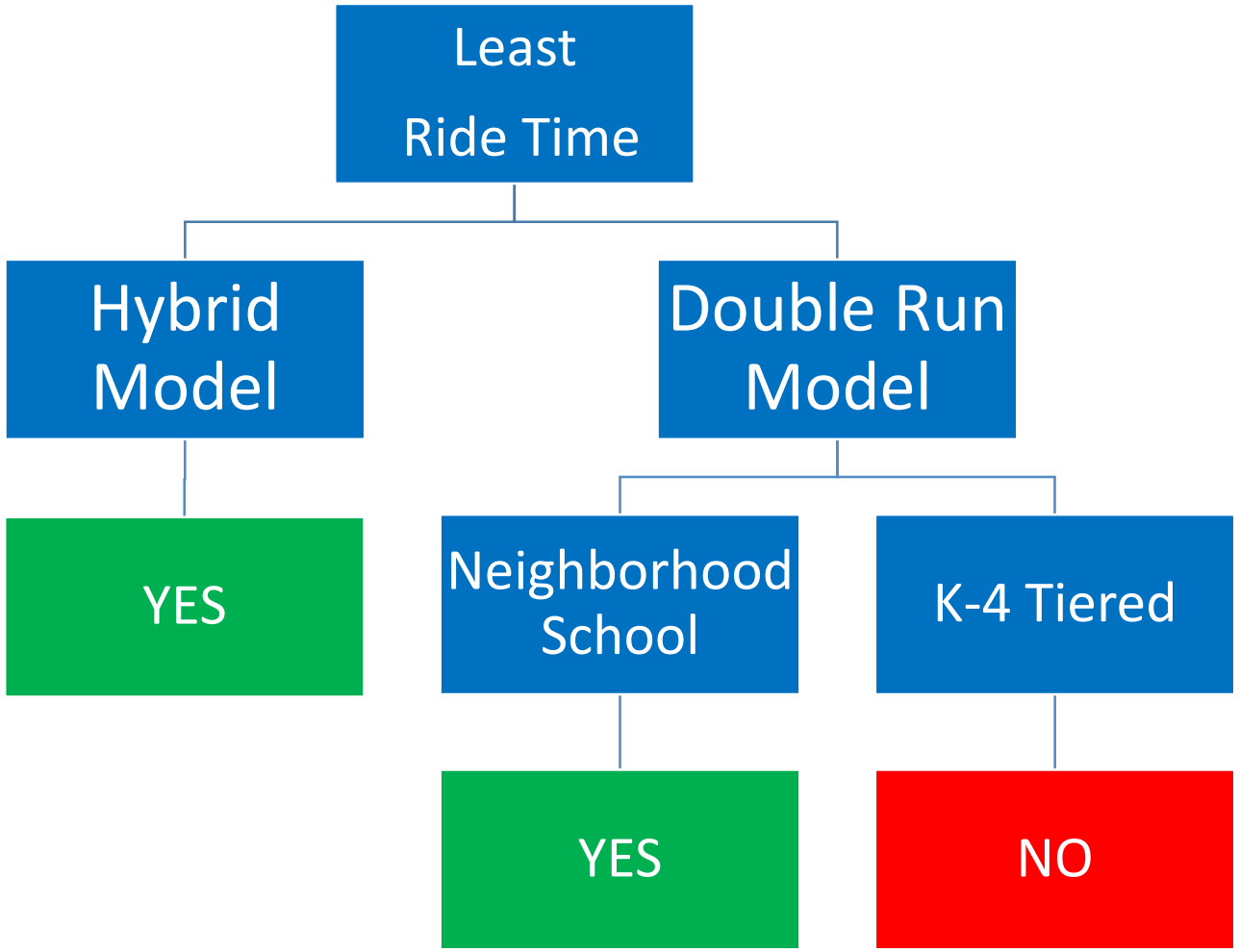
Analysis / Assessment

Analysis / Assessment

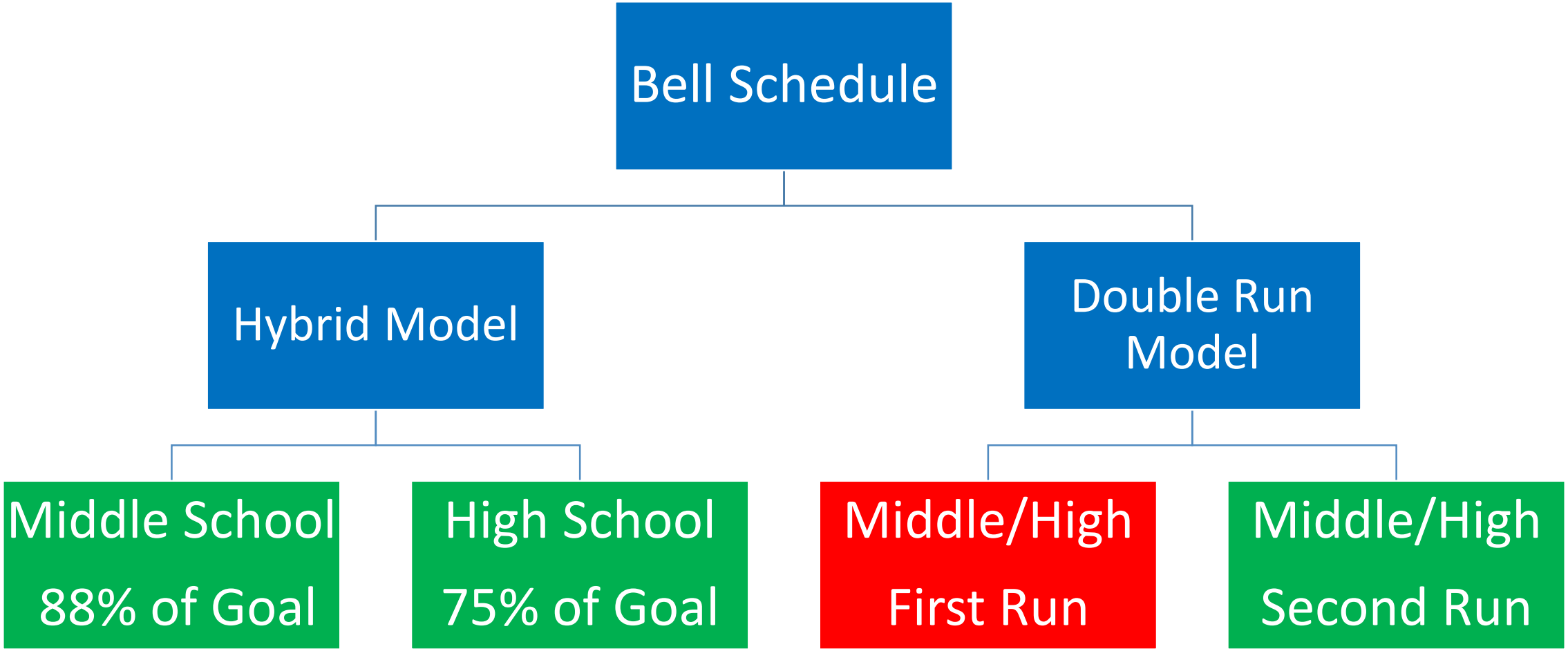
Interest Issue / K-12 Transportation



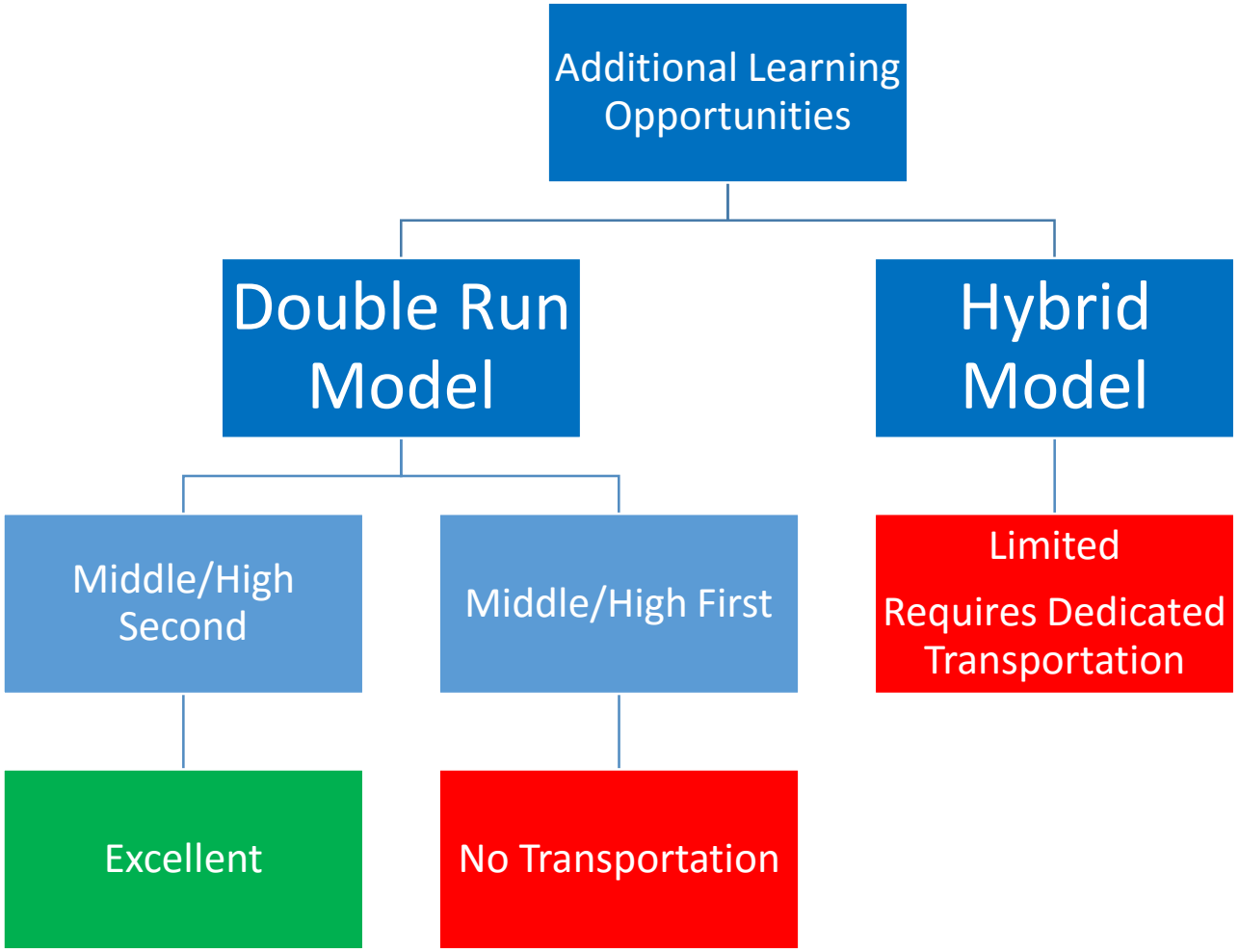
Interest Issue / Least Ride Time



Interest Issue / Optimum Learning Bell Schedule



Interest Issue / Additional Learning Opportunities



Interest Issue / Additional Issues For Consideration?