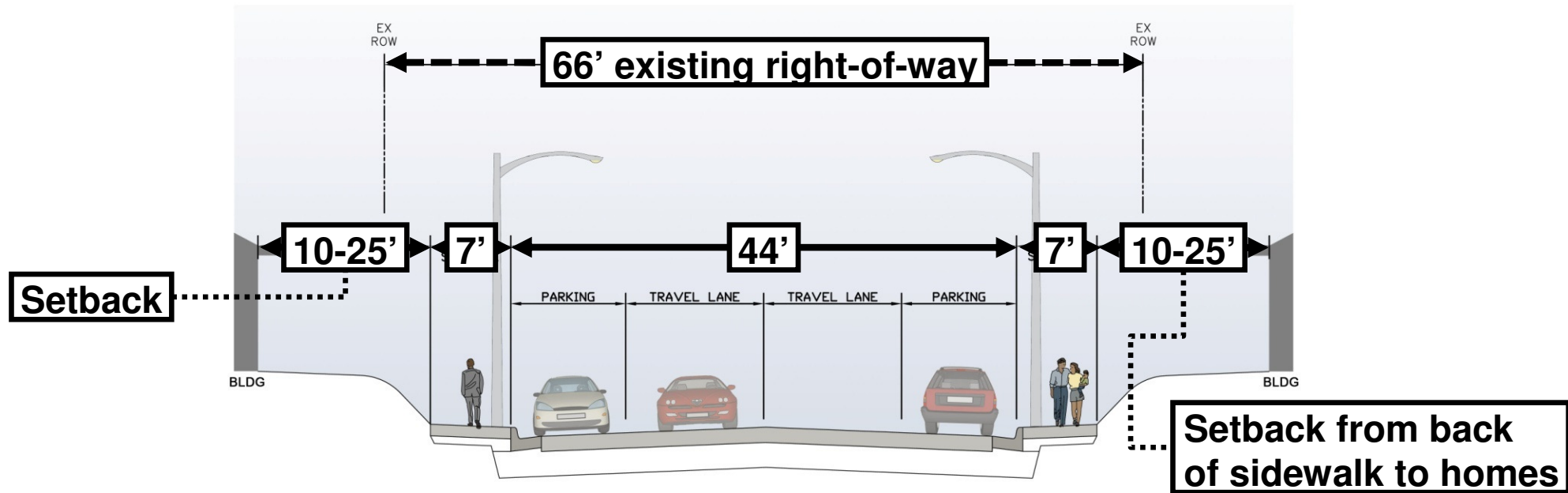


## Sub-Alternative D2(a)

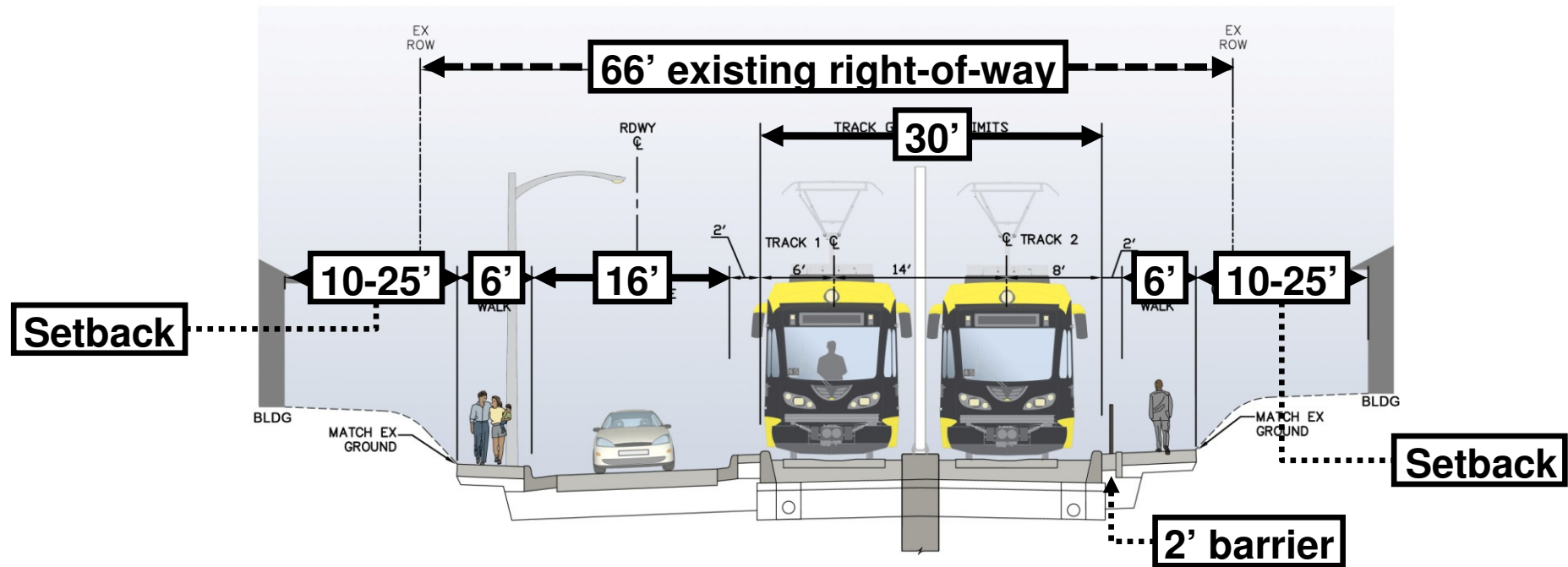
- Minimal property impacts on Penn Avenue
- LRT on east side of Penn
- Traffic on one-way pair Penn (SB)/Oliver (NB)
- Oliver converted to one-way northbound, one side of parking eliminated
- Route 19 runs on Penn (SB)/Oliver (NB)

# Penn Avenue – Existing



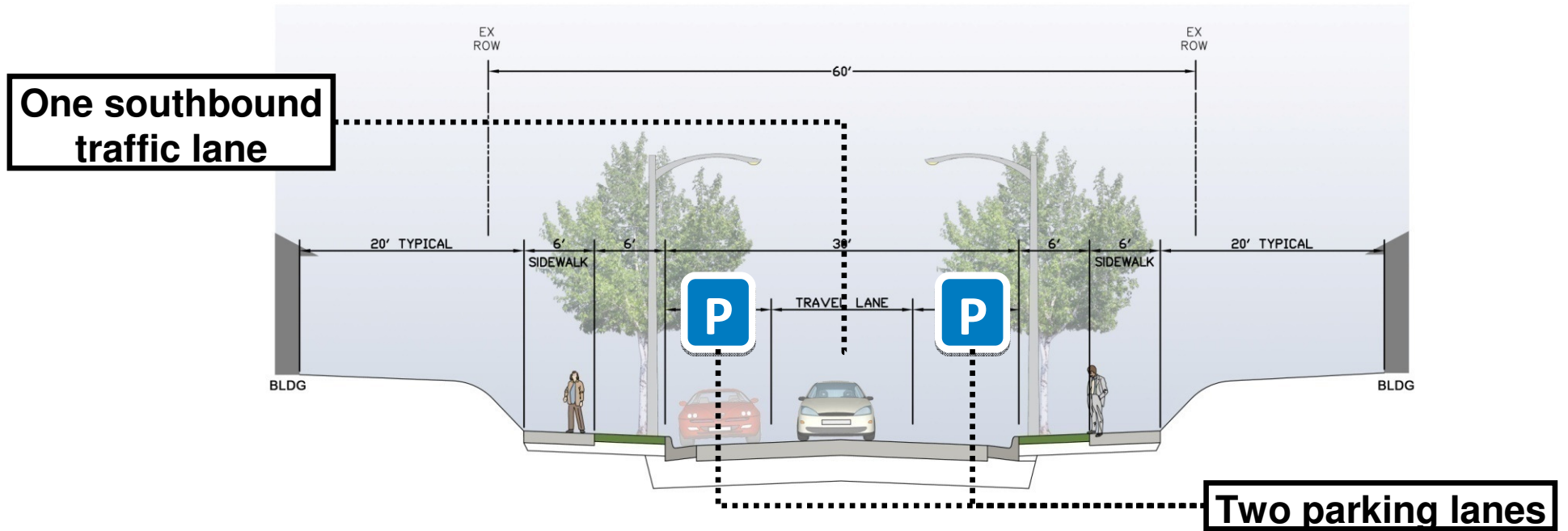
- 58-62 feet from back-of-sidewalk to back-of-sidewalk
- Homes set back 10-25 feet from back-of-sidewalk with sloping front yards in some areas
- Two lanes of traffic (NB/SB), two parking lanes

# Penn Avenue – D2(a) LRT



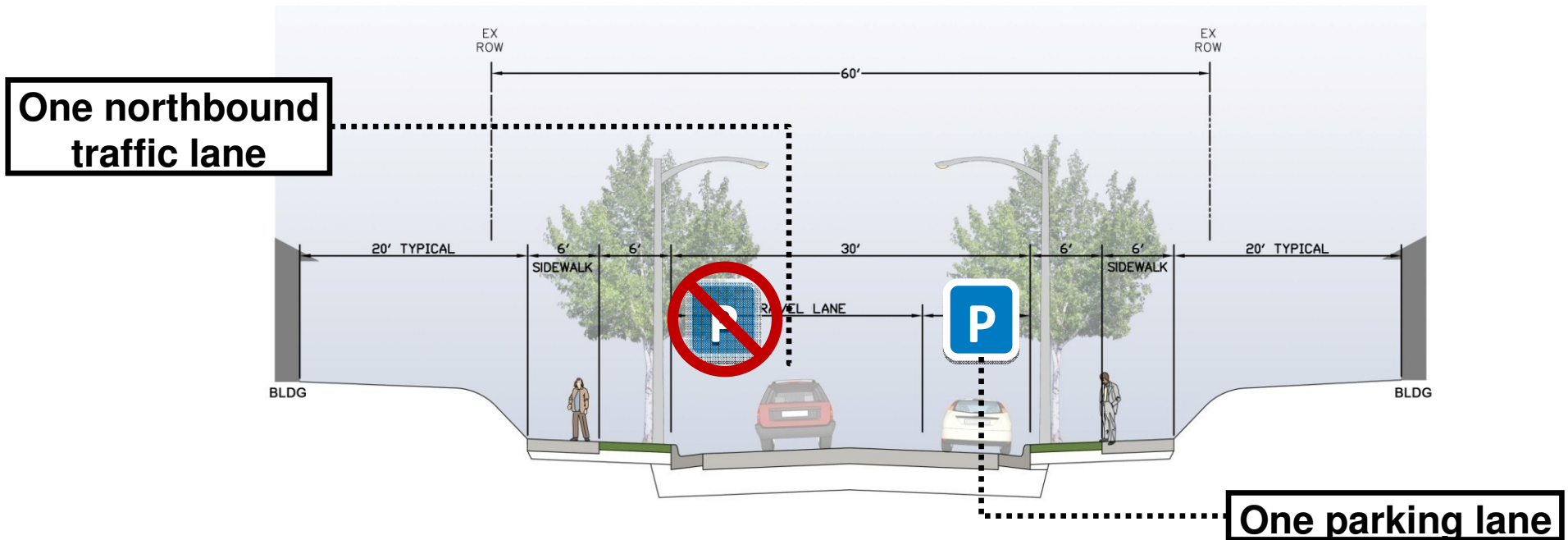
- One lane southbound on Penn
- Parking eliminated, no stopping, home access via alleys
- Most cross streets converted to “T” or dead-ended
- Left turns at Golden Valley Rd, Plymouth Ave, Olson Hwy
- Pedestrian crossings only at 4 signalized intersections
- Some property impacts at station areas and bus stops

# Oliver Avenue – Existing



- One lane of southbound traffic
- Low traffic volumes
- Two parking lanes

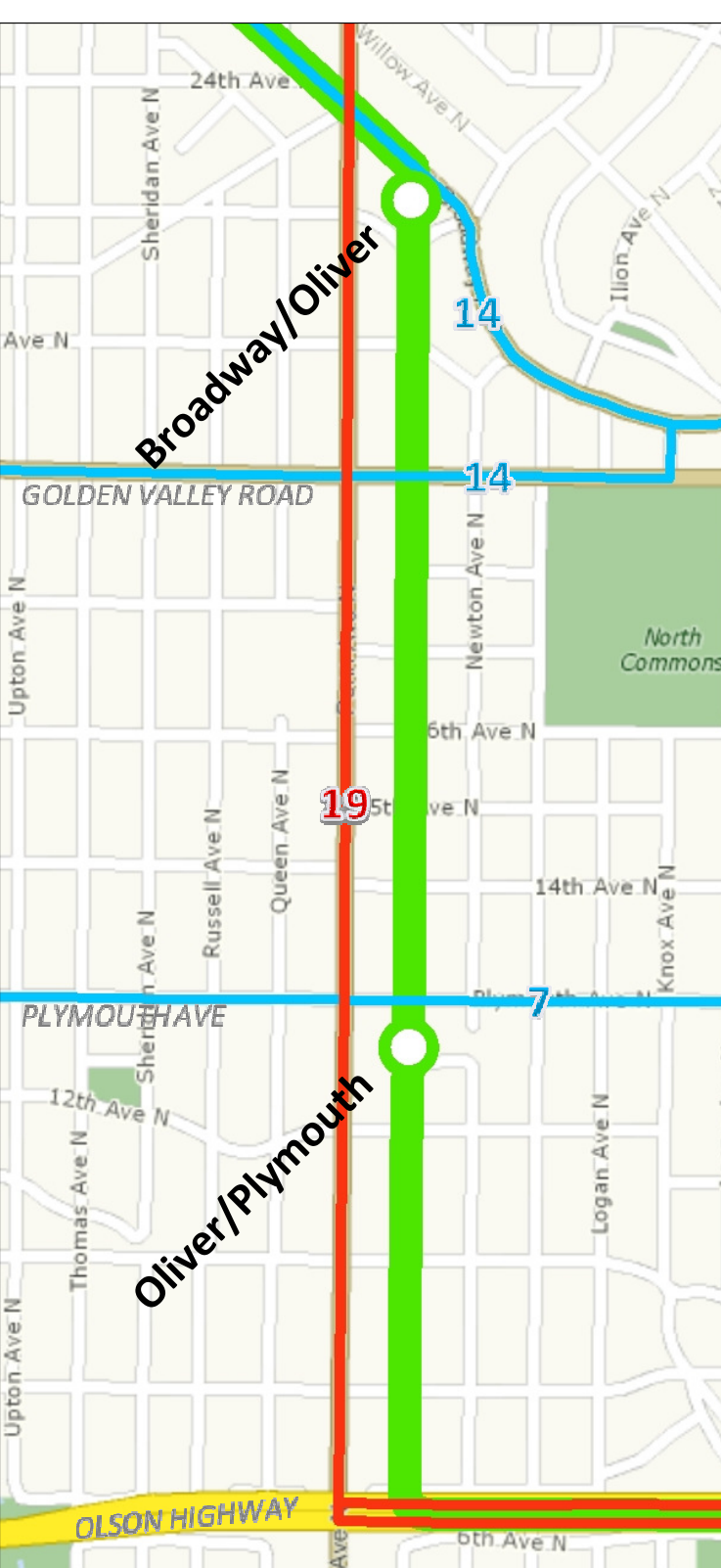
# Oliver Avenue with D2(a) LRT on Penn



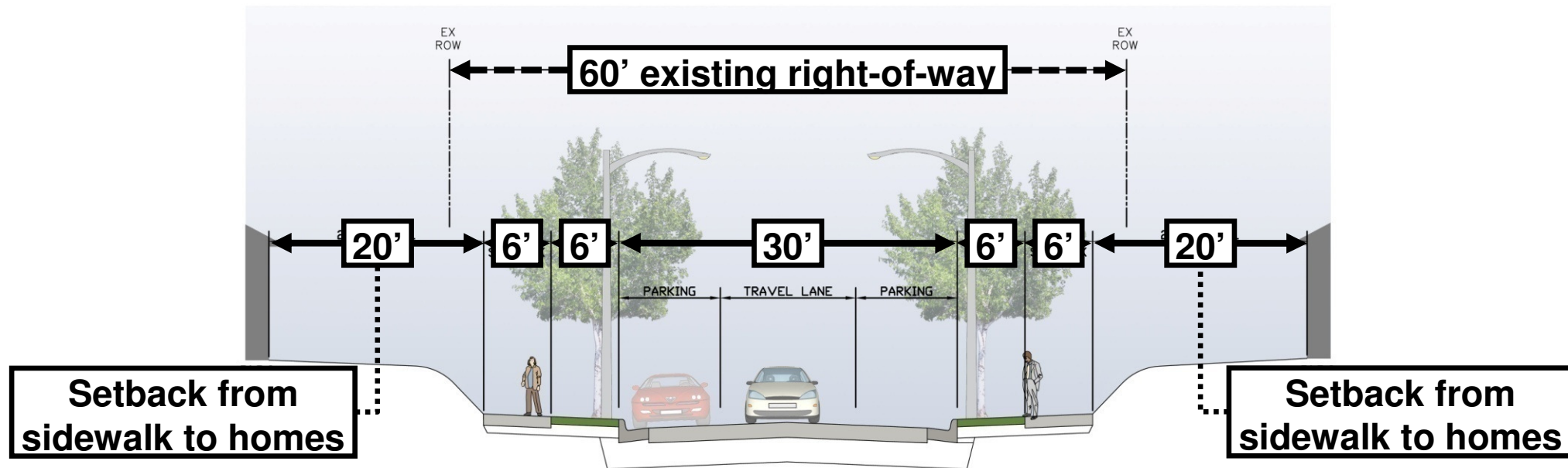
- Right-of-way unchanged
- One lane of northbound traffic
- Increased traffic volumes require wider traffic lane
- Loss of one parking lane
- Potential Roadway reconstruction with heavier vehicles

## Sub-Alternative D2(b)

- Maintain Penn Avenue roadway function
- LRT on one side of Oliver
- All vehicle traffic removed from Oliver
- Traffic on Penn (both directions)
- No change to Route 19

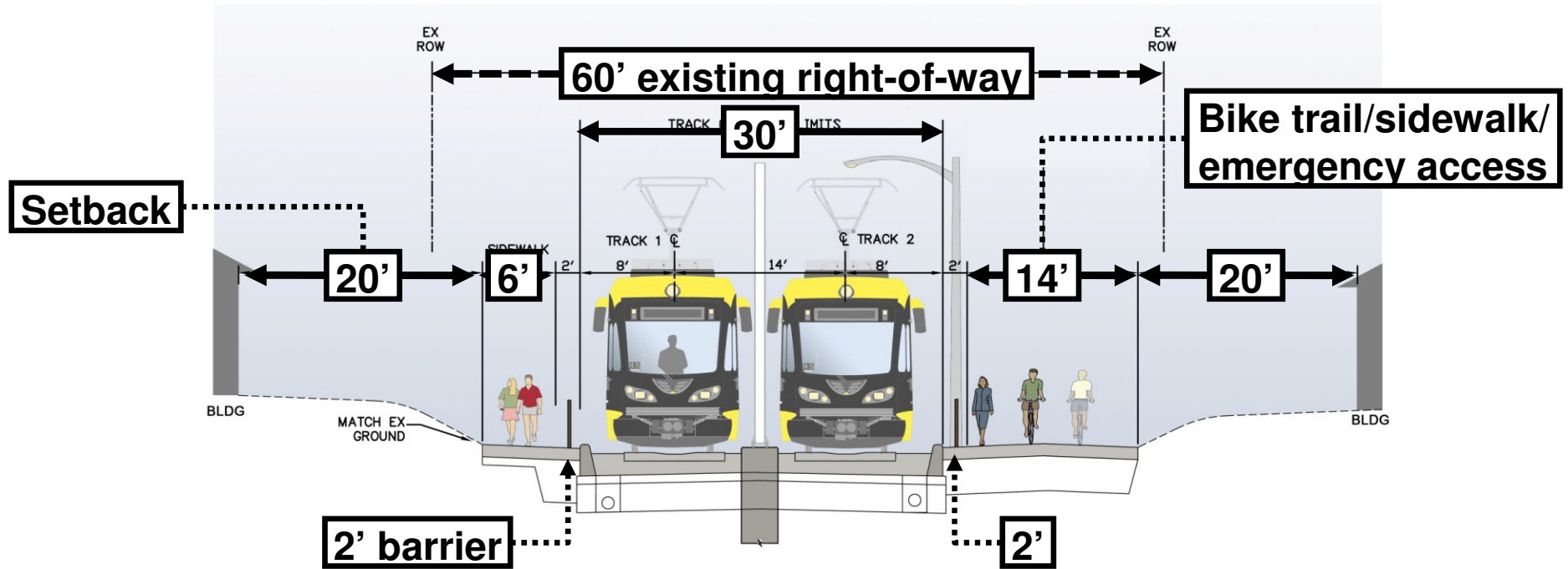


# Oliver Avenue – Existing

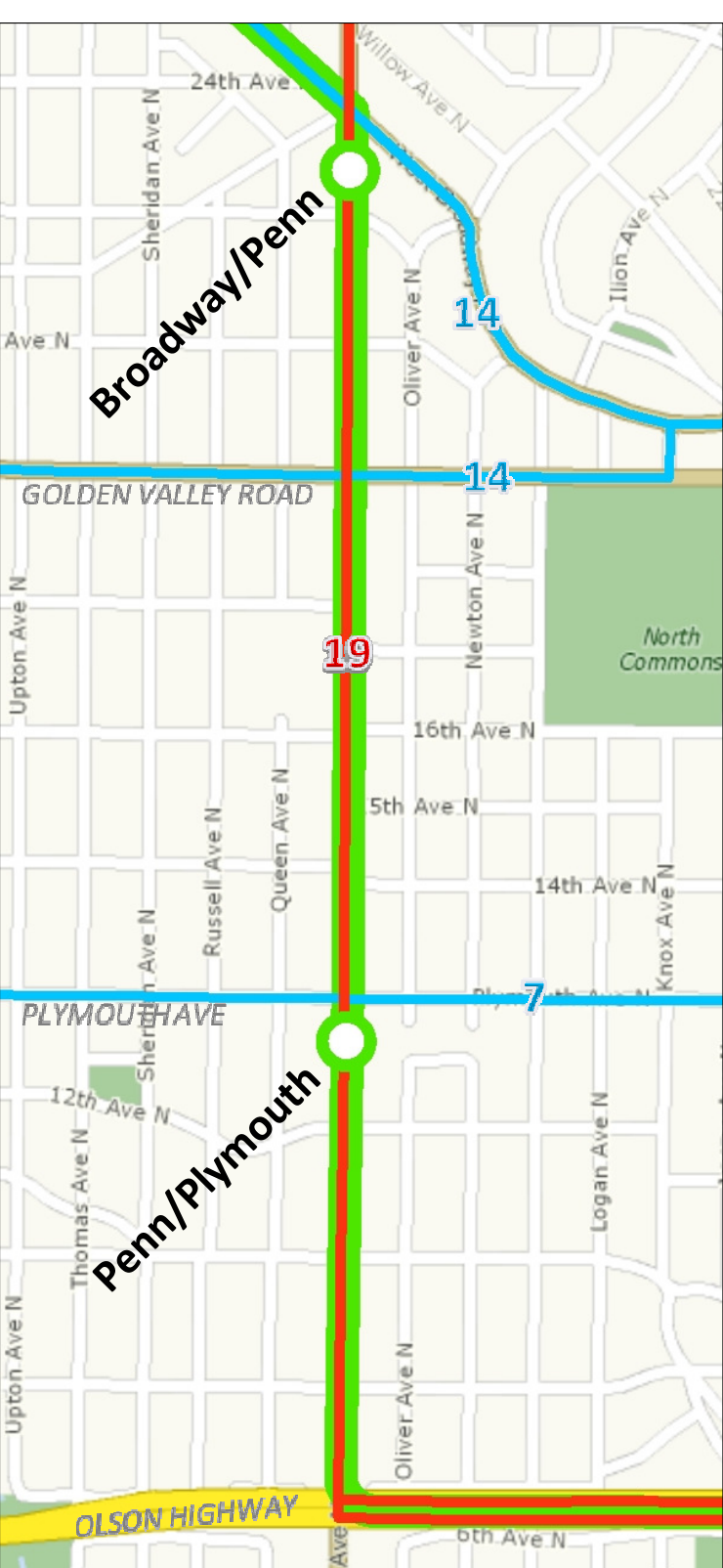


- 52-54 feet from back-of-sidewalk to back-of-sidewalk
- Homes set back ~20 feet from back-of-sidewalk with sloping front yards
- One lane of southbound traffic, two parking lanes

# Oliver Avenue – D2(b) LRT



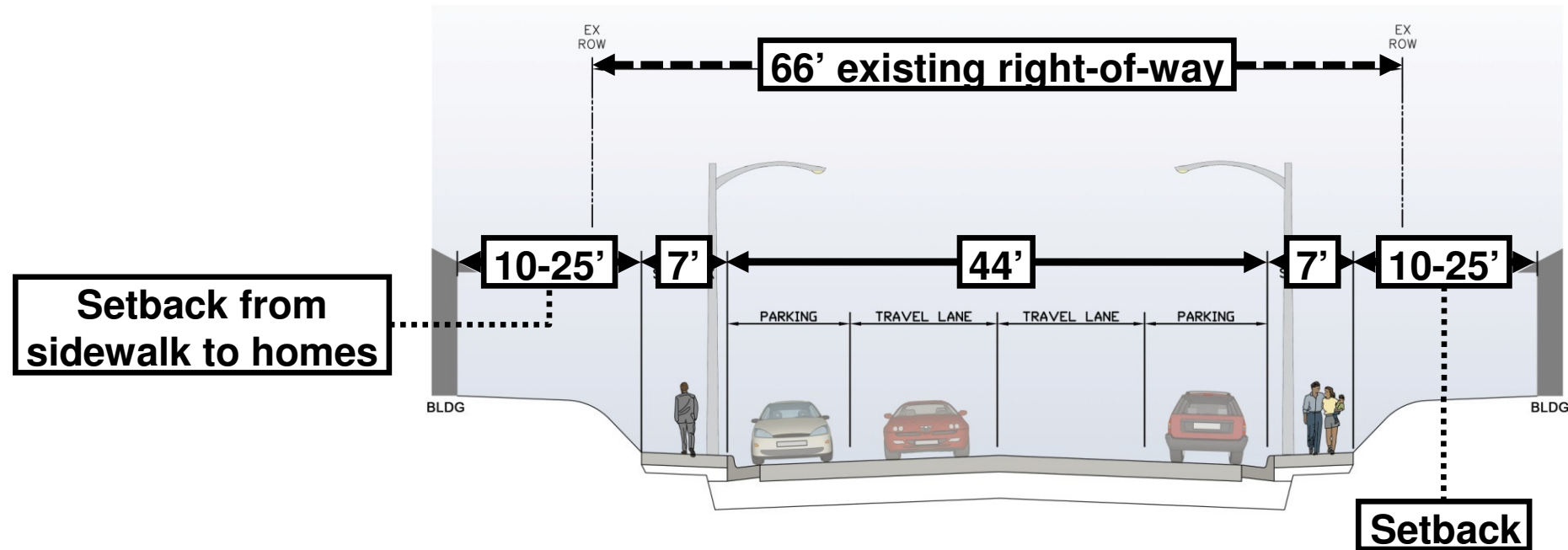
- All traffic and parking eliminated, home access via alleys
- Most cross streets dead-ended into parking bays
- Bike trail with emergency vehicle access on one side
- Pedestrian crossings at 4 signalized intersections only
- Some property impacts at station areas
- Trees are removed



## Sub-Alternative D2(c)

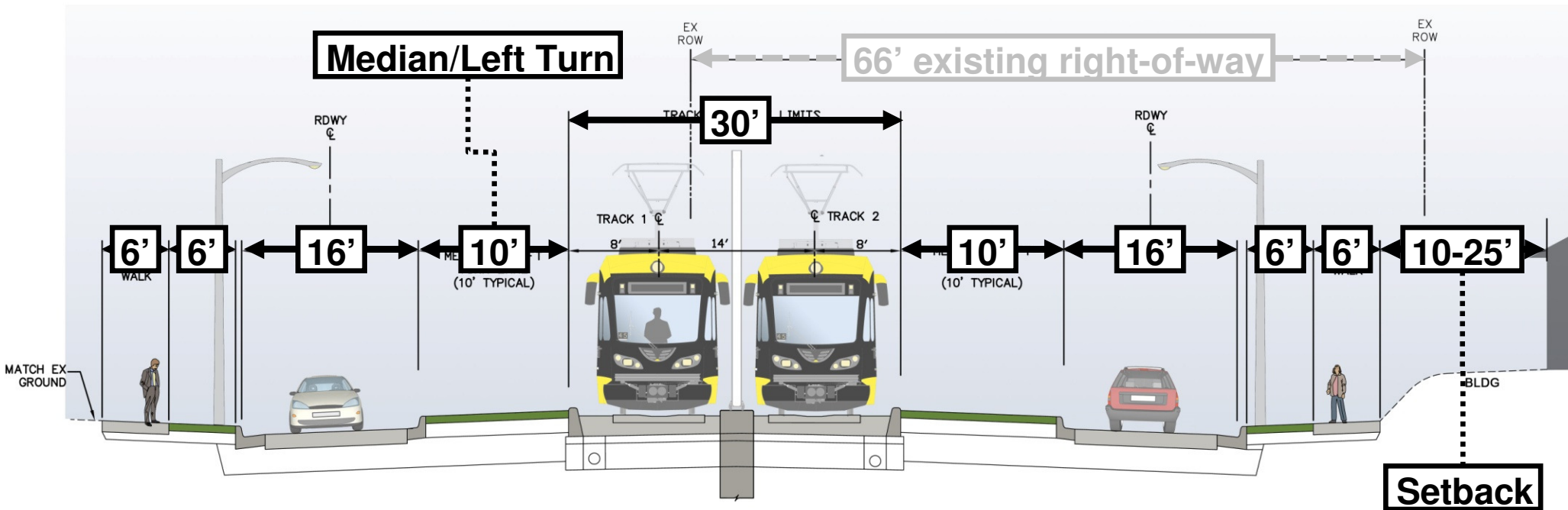
- All transportation functions on Penn Avenue
- LRT in center of Penn
- Traffic on Penn (both directions)
- No changes to Oliver
- No change to Route 19

# Penn Avenue – Existing



- 58-62 feet from back-of-sidewalk to back-of-sidewalk
- Homes set back 10-25 feet from back-of-sidewalk with sloping front yards
- Two lanes of traffic (NB/SB), two parking lanes

# Penn Avenue – D2(c) LRT



- One lane of traffic in each direction with LRT in center
- Full acquisition of one side of Penn
- Potential to retain on-street parking or redevelop properties
- Left turns allowed at 4 signalized intersections
- Pedestrian crossings at 4 signalized intersections only