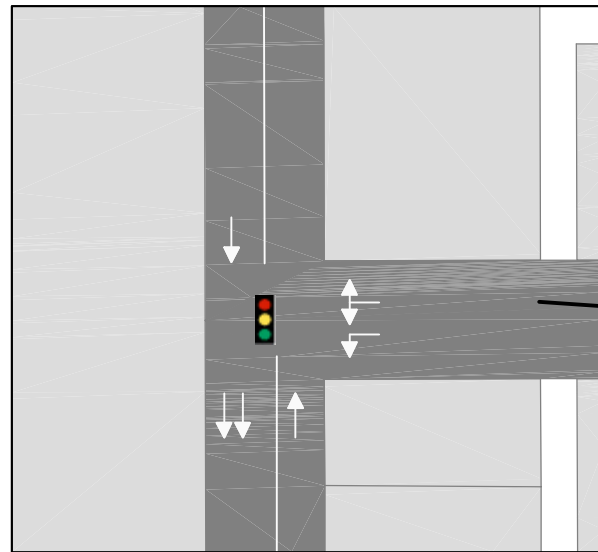
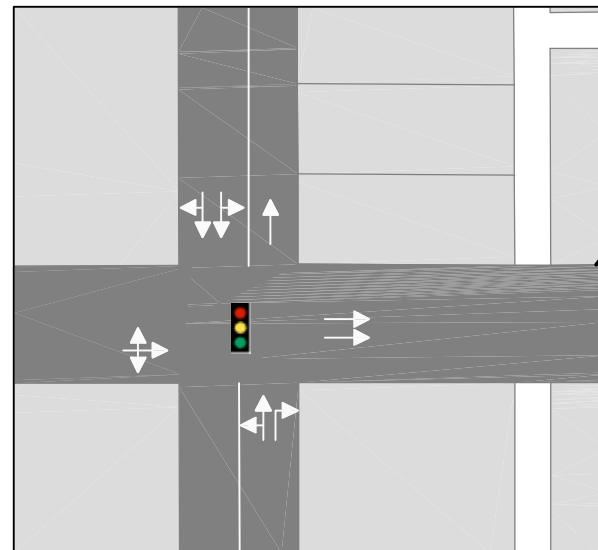




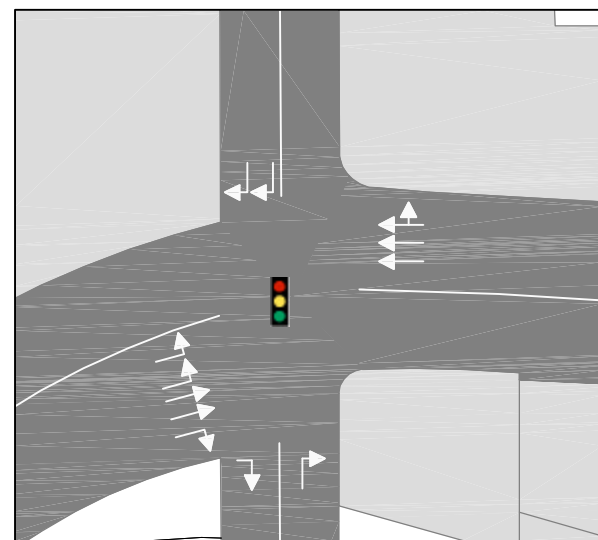
## ALTERNATIVE 1 One-Way System



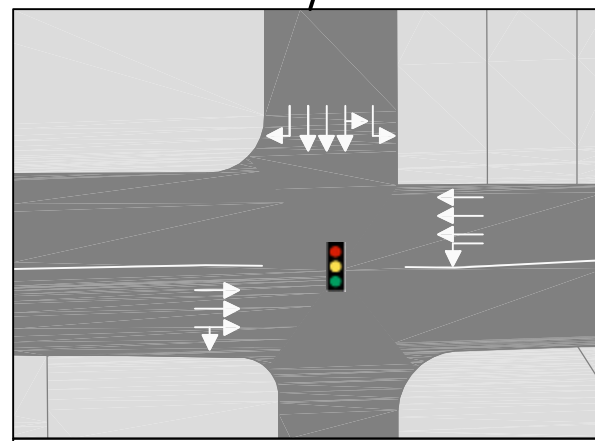
ABBOTT STREET AND LAWRENCE AVENUE



ABBOTT STREET AND LEON AVENUE

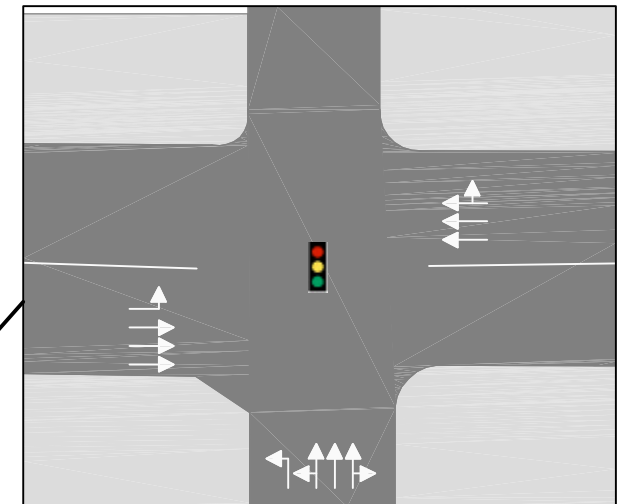


ABBOTT STREET AND HIGHWAY 97

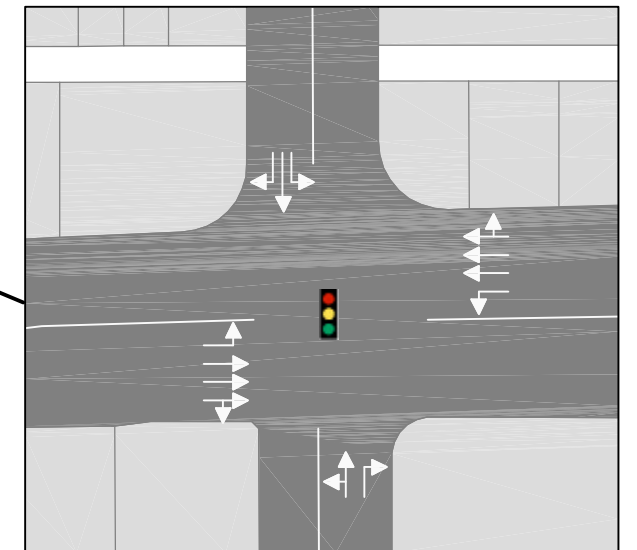


ONE-WAY WATER STREET  
AND HIGHWAY 97

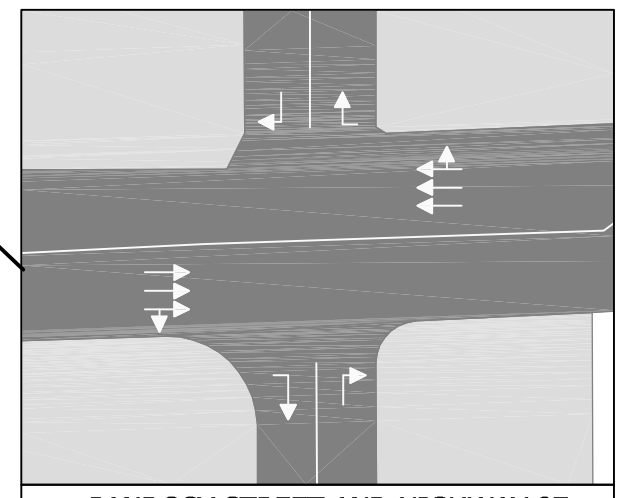
- WATER/PANDOSY ONE-WAY SOUTH BOUND - DUAL LEFTS TO HIGHWAY 97
- RICHTER ONE-WAY NORTH BOUND - DUAL LEFTS TO HIGHWAY 97
- RAISED MEDIAN ALONG HIGHWAY 97 AT PANDOSY; RIGHT IN, RIGHT OUT
- NEW SIGNALS AT ABBOTT/LEON AND ABBOTT/LAWRENCE INTERSECTIONS
- NEW LINK BETWEEN WATER AND PANDOSY



ONE-WAY RICHTER STREET  
AND HIGHWAY 97



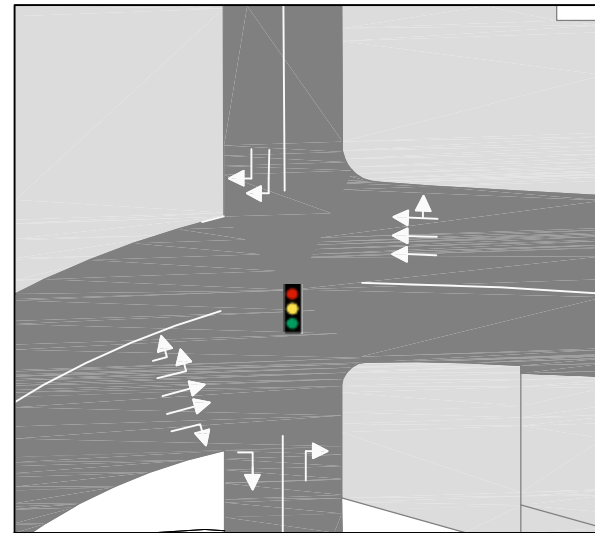
ELLIS STREET AND HIGHWAY 97



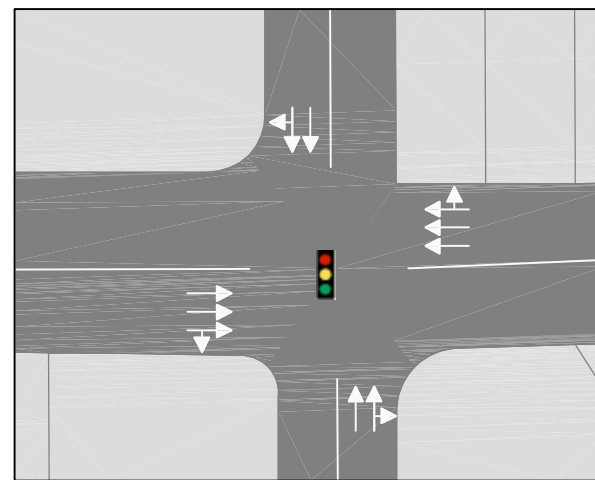
PANDOSY STREET AND HIGHWAY 97



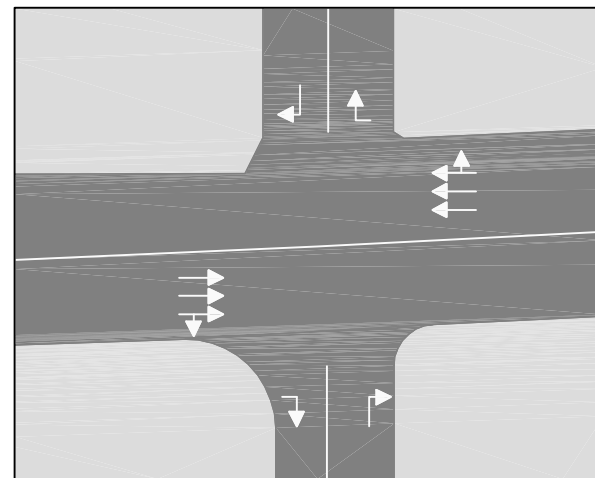
## ALTERNATIVE 2 Ellis Dual Lefts



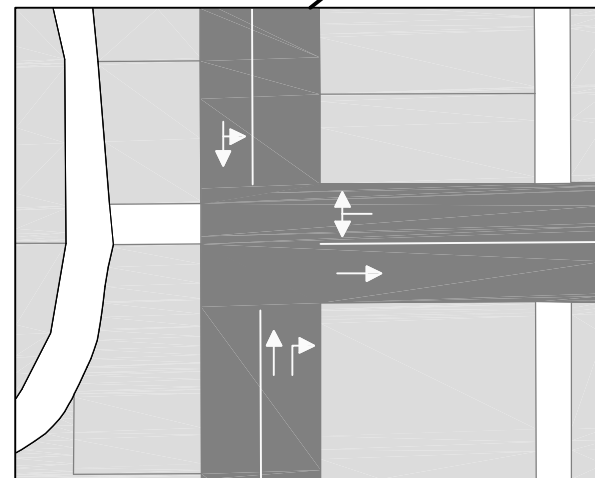
ABBOTT STREET AND HIGHWAY 97



WATER STREET AND HIGHWAY 97

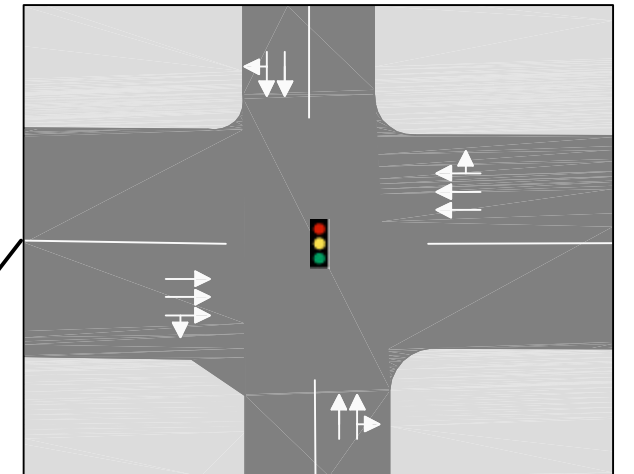


PANDOSY STREET AND HIGHWAY 97

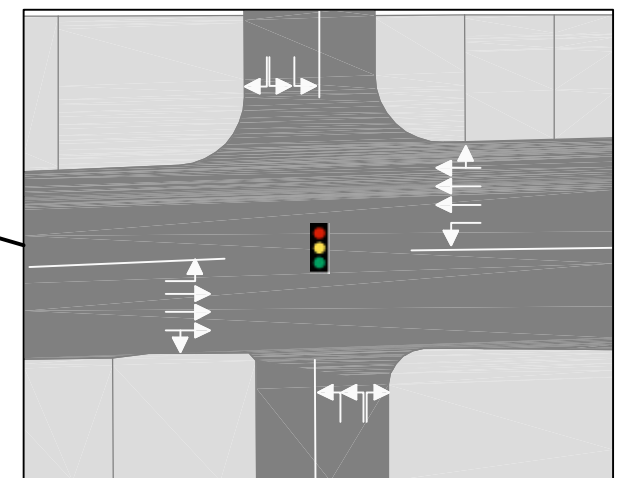


PANDOSY STREET AND BUCKLAND AVENUE

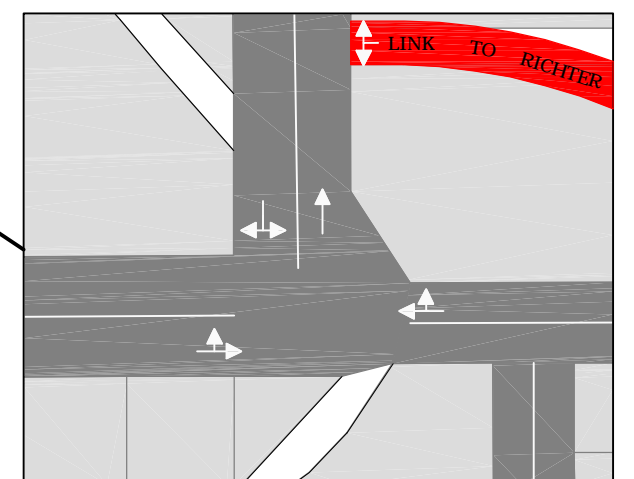
- 4 THROUGH LANES ON RICHTER AND WATER
- NO LEFT TURNS FROM RICHTER AND WATER ONTO HIGHWAY 97
- DUAL LEFT TURNS AT ELLIS
- RAISED MEDIAN ALONG HIGHWAY 97 AT PANDOSY; RIGHT IN, RIGHT OUT



RICHTER STREET AND HIGHWAY 97



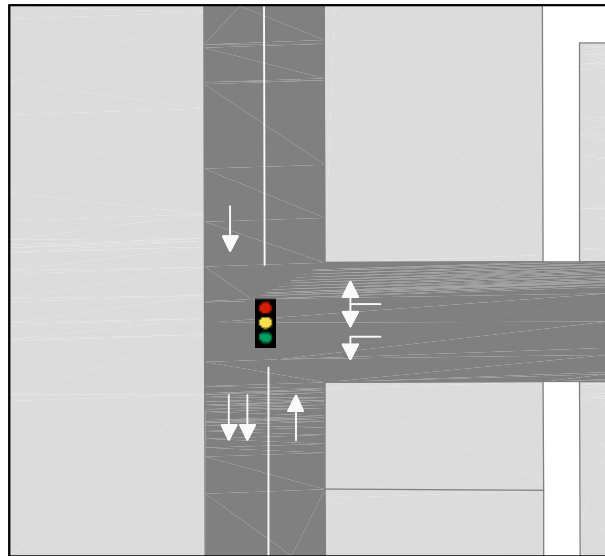
ELLIS STREET AND HIGHWAY 97



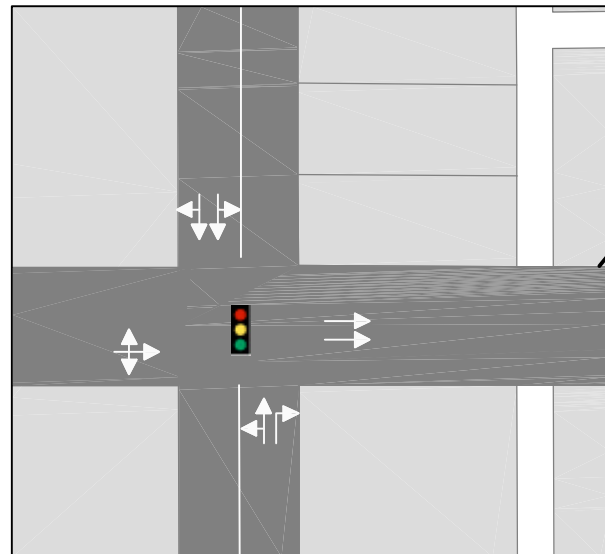
ELLIS STREET AND BUCKLAND AVENUE



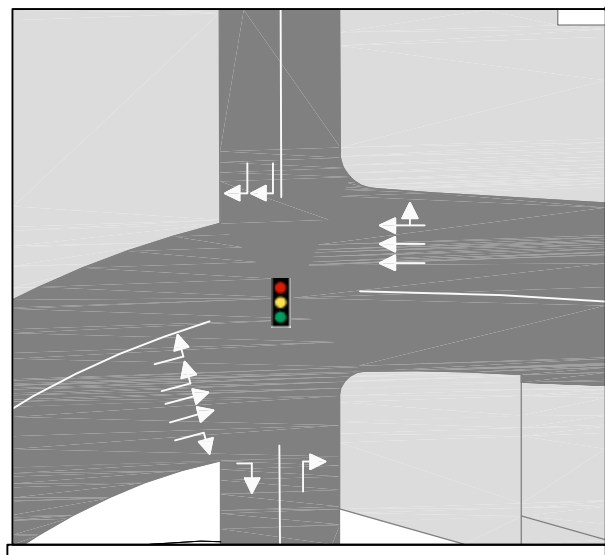
## ALTERNATIVE 3 Pandory Dual Lefts



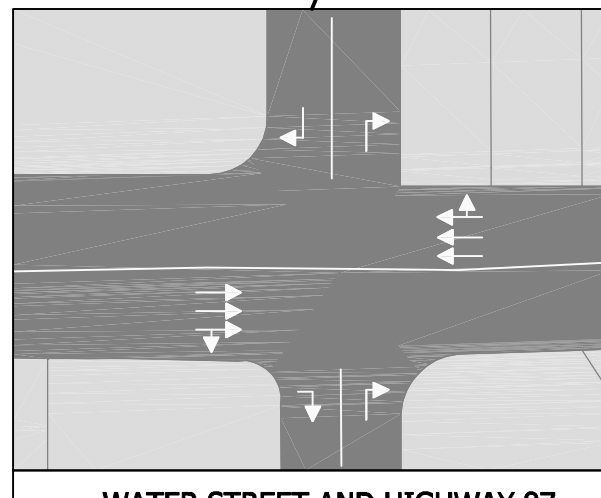
ABBOTT STREET AND LAWRENCE AVENUE



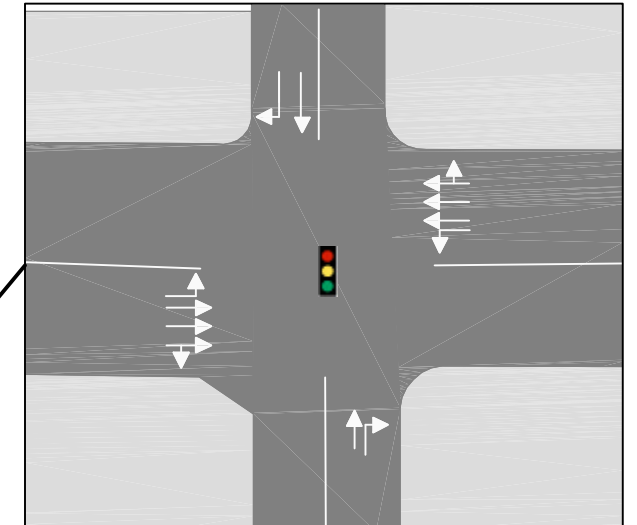
ABBOTT STREET AND LEON AVENUE



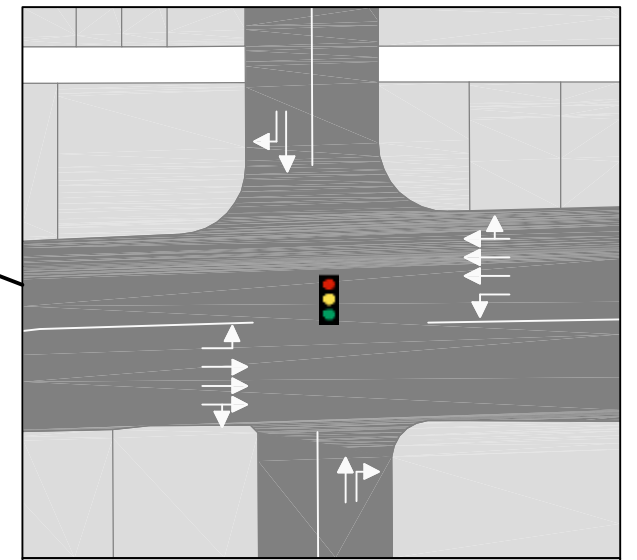
ABBOTT STREET AND HIGHWAY 97



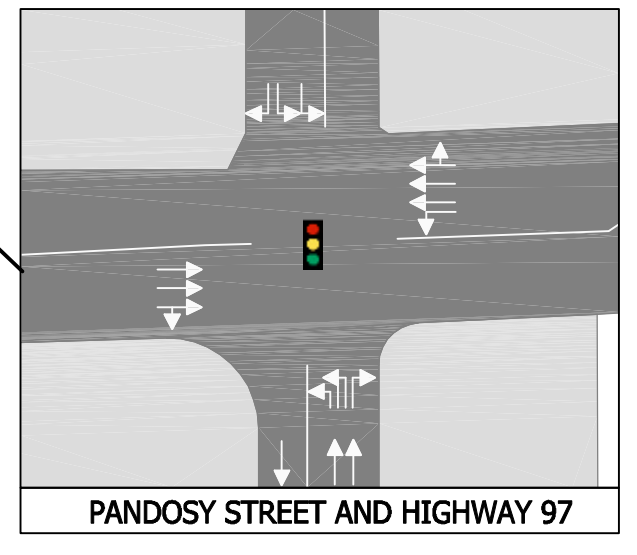
WATER STREET AND HIGHWAY 97



RICHTER STREET AND HIGHWAY 97



ELLIS STREET AND HIGHWAY 97



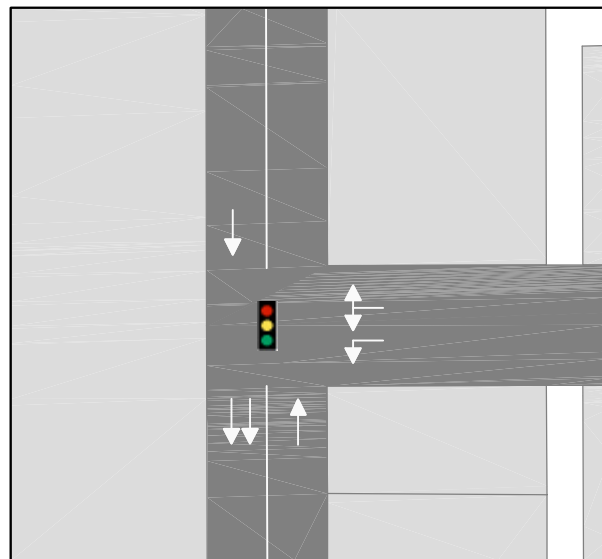
PANDORY STREET AND HIGHWAY 97

- DUAL LEFTS AT PANDORY, NO THROUGH TRAFFIC ACROSS HIGHWAY 97
- 3 LANES ALONG PANDORY FROM HIGHWAY 97 TO CADDER AVE. WITH NO LEFT TURNS. (POSSIBLY ONLY A PEAK PERIOD RESTRICTION)
- NO LEFT TURNS FROM RICHTER AT HIGHWAY 97

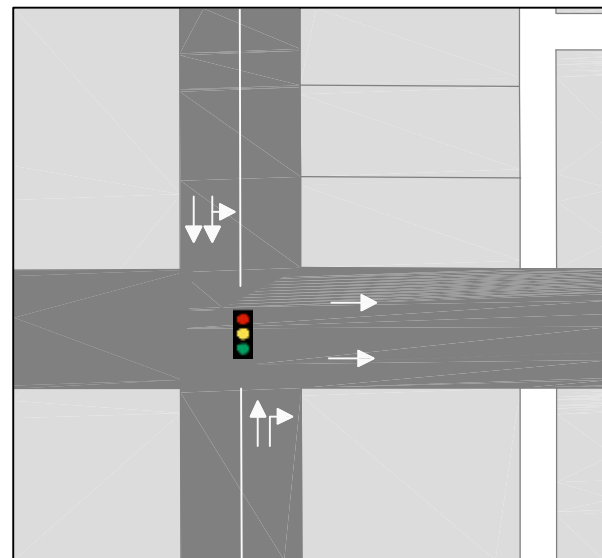




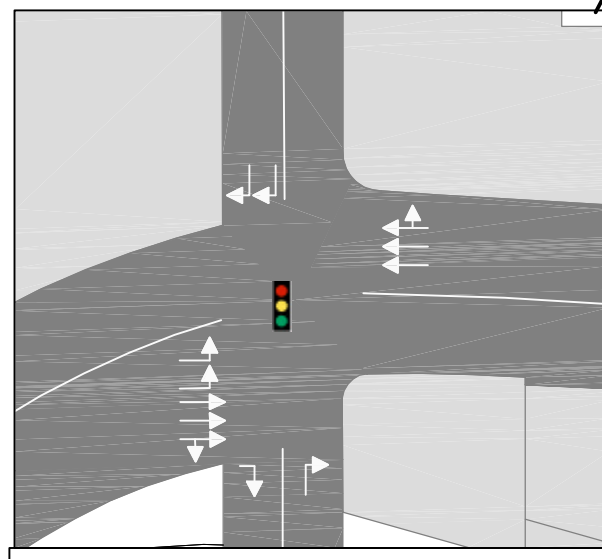
## ALTERNATIVE 4 Water Dual Lefts



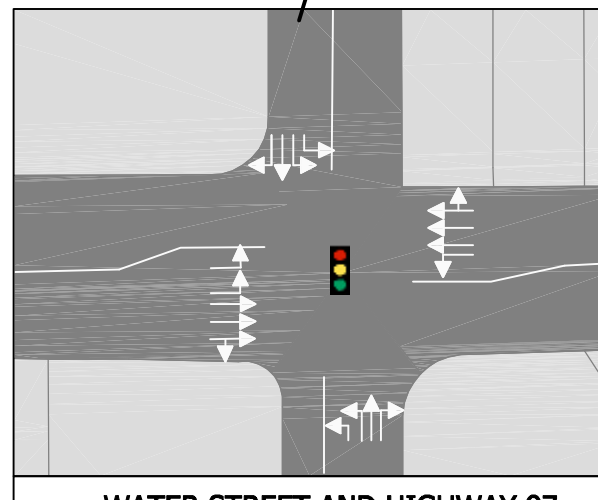
ABBOTT STREET AND LAWRENCE AVENUE



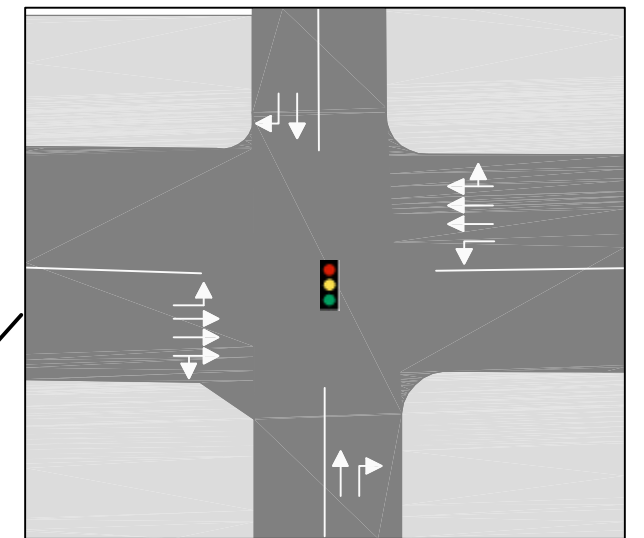
ABBOTT STREET AND LEON AVENUE



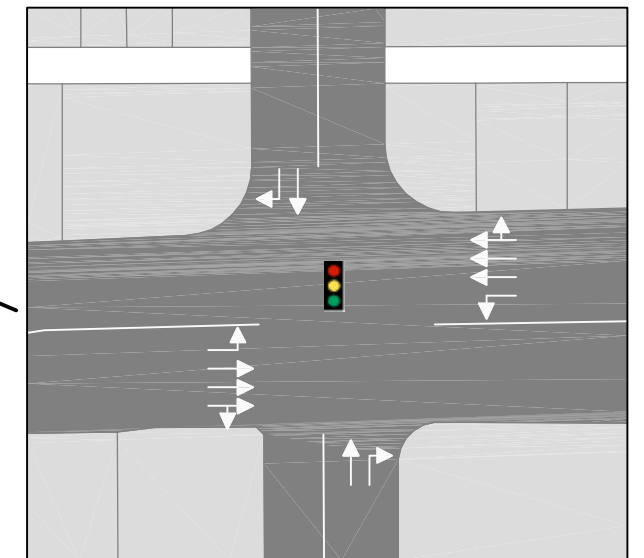
ABBOTT STREET AND HIGHWAY 97



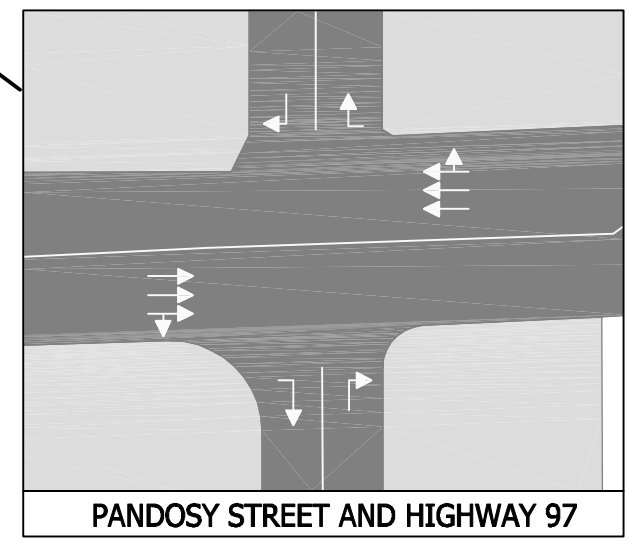
WATER STREET AND HIGHWAY 97



RICHTER STREET AND HIGHWAY 97



ELLIS STREET AND HIGHWAY 97

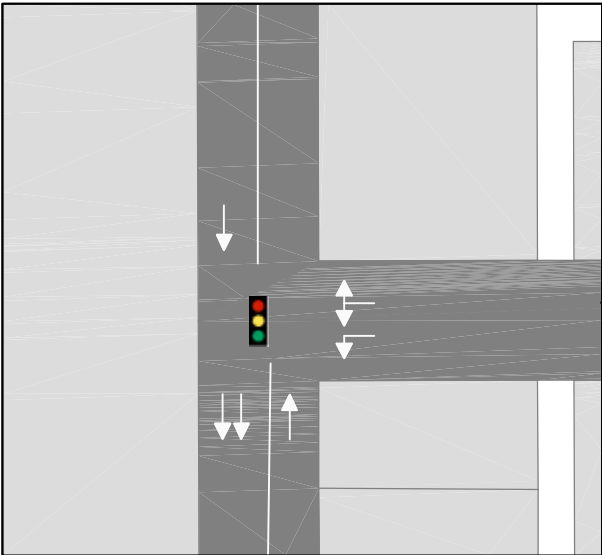


PANDOSY STREET AND HIGHWAY 97

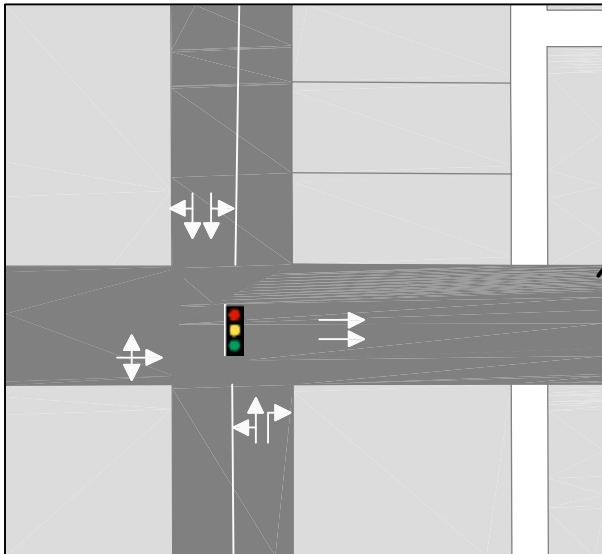
- NO LEFT TURNS FROM ELLIS & RICHTER AT HIGHWAY 97
- NEW LINK BETWEEN WATER & PANDOSY
- DUAL LEFT TURNS FROM WATER ONTO HIGHWAY 97
- RAISED MEDIAN ALONG HIGHWAY 97 AT PANDOSY; RIGHT IN, RIGHT OUT
- PANDOSY 2 LANES NORTHBOUND, 1 LANE SOUTHBOUND BETWEEN CADDEN AND HIGHWAY 97



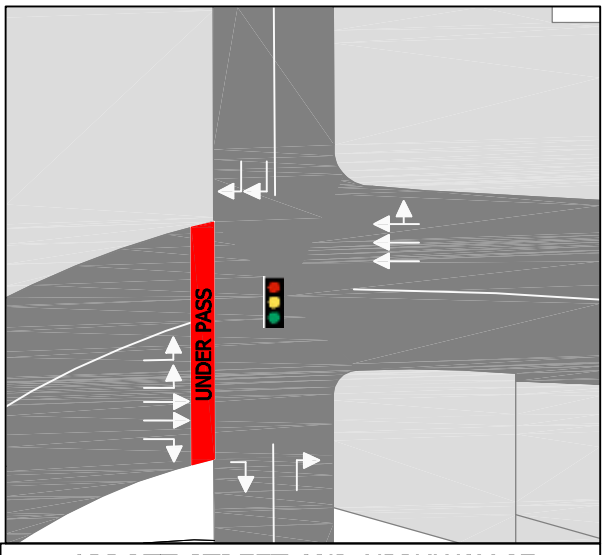
# ALTERNATIVE 5



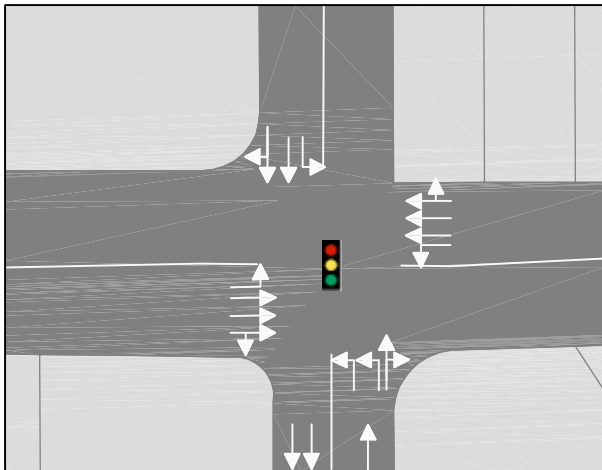
ABBOTT STREET AND LAWRENCE AVENUE



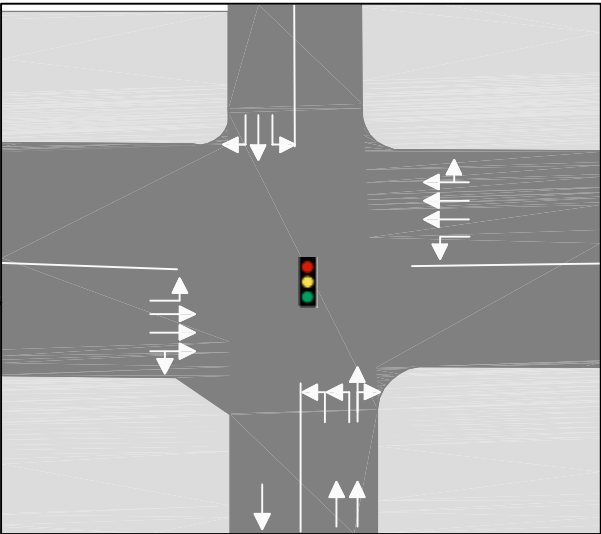
ABBOTT STREET AND LEON AVENUE



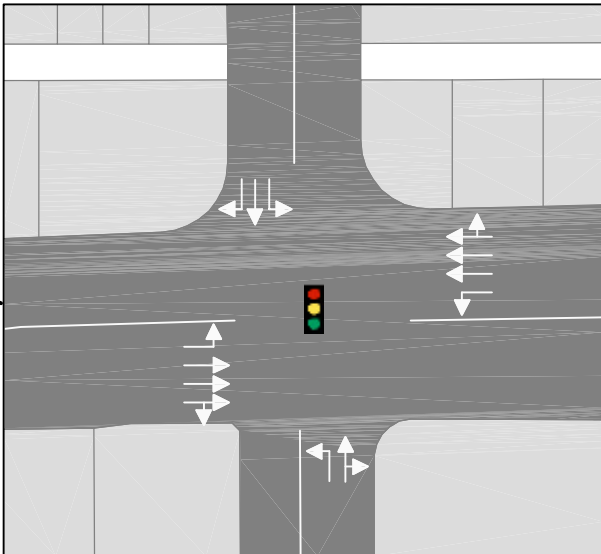
ABBOTT STREET AND HIGHWAY 97



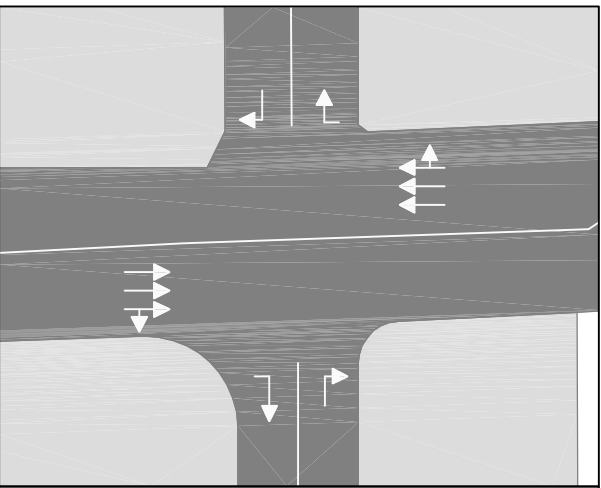
WATER STREET AND HIGHWAY 97



RICHTER STREET AND HIGHWAY 97



ELLIS STREET AND HIGHWAY 97

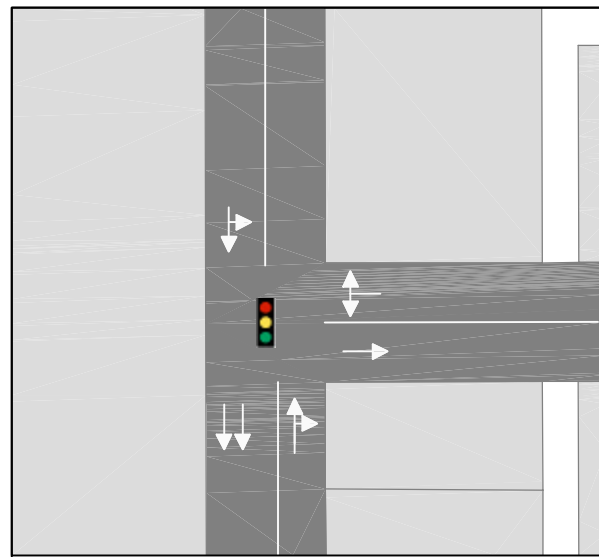


PANDOSY STREET AND HIGHWAY 97

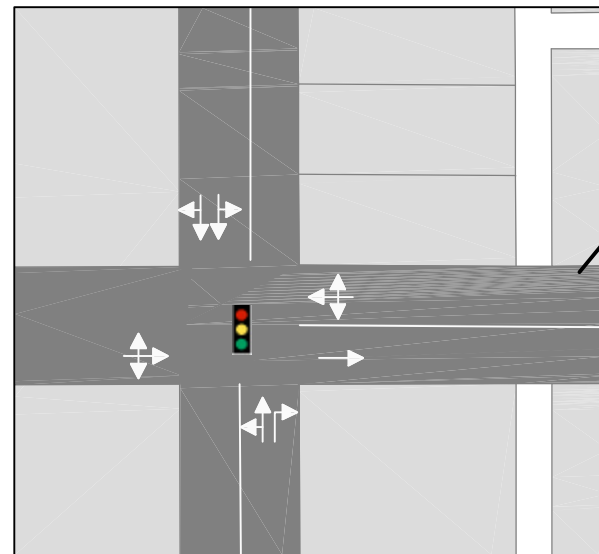
- NEW LINK BETWEEN WATER & PANDOSY
- PEDESTRIAN UNDERPASS AT ABBOTT
- DUAL NORTHBOUND LEFTS ONTO HIGHWAY 97 AT WATER & RICHTER
- RAISED MEDIAN ALONG HIGHWAY 97 AT PANDOSY; RIGHT IN, RIGHT OUT
- TWO LANES SOUTHBOUND ALONG WATER
- TWO LANES NORTHBOUND ALONG RICHTER



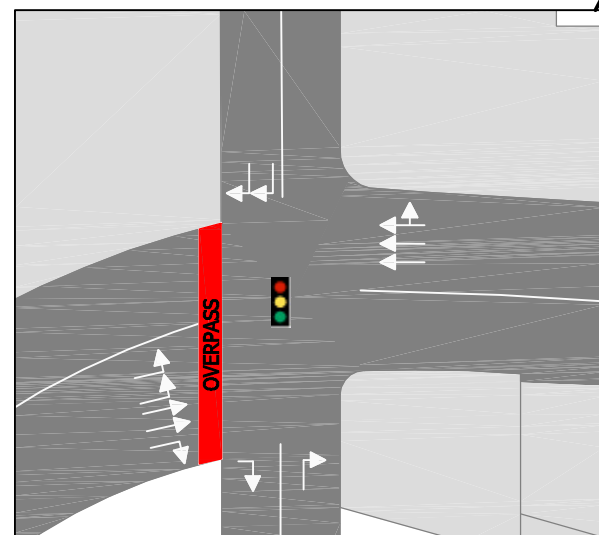
## ALTERNATIVE 6 Four Pedestrian Overpasses



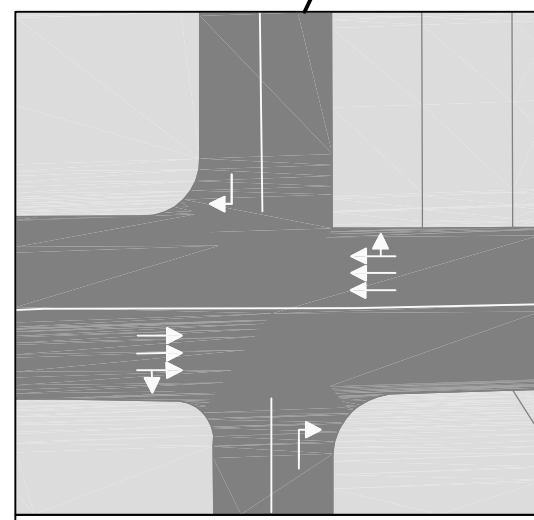
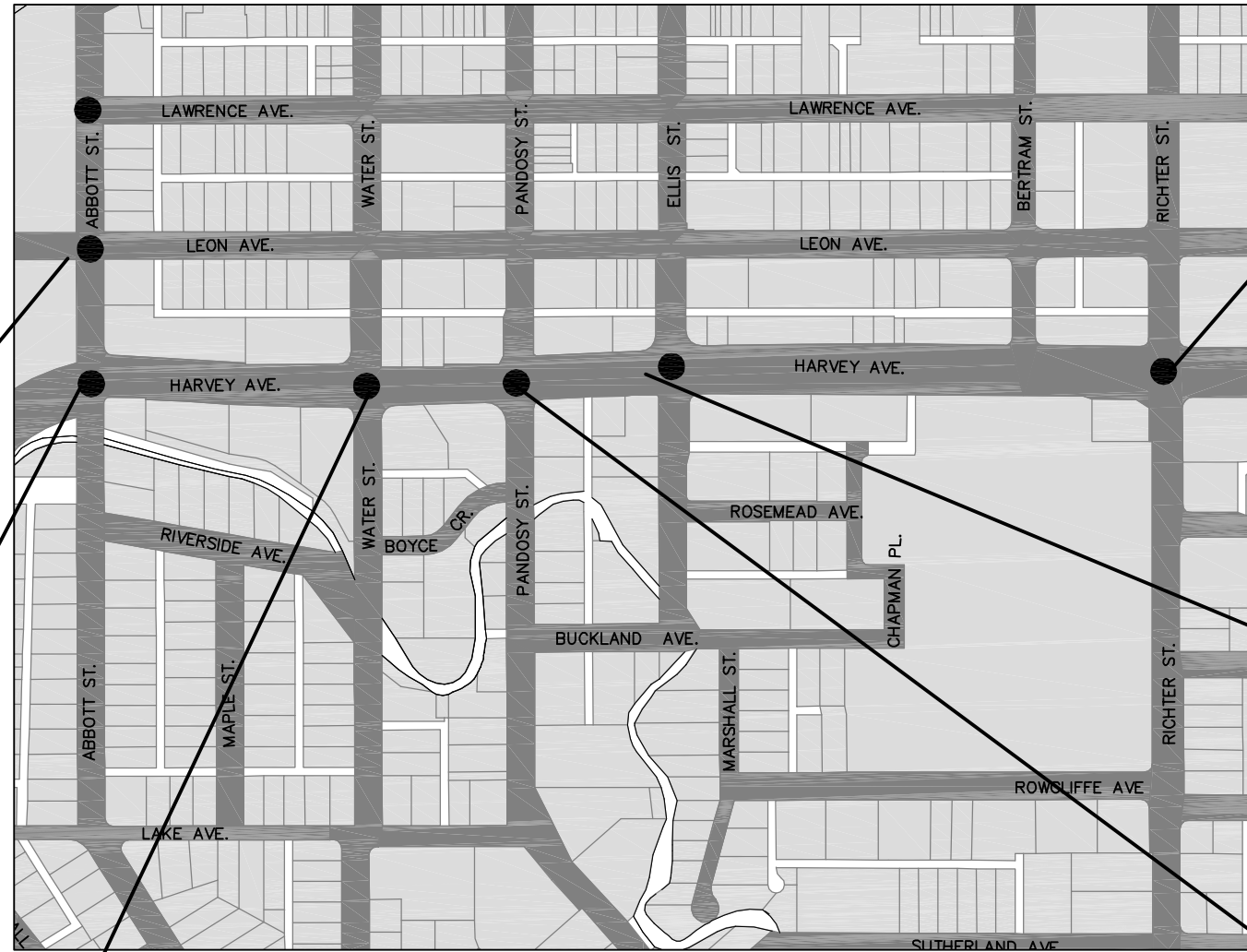
ABBOTT STREET AND LAWRENCE AVENUE



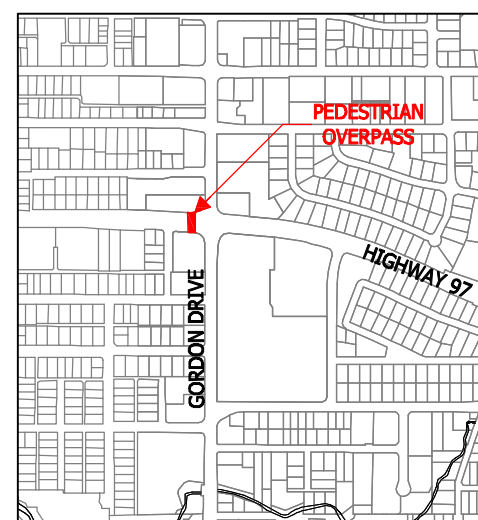
ABBOTT STREET AND LEON AVENUE



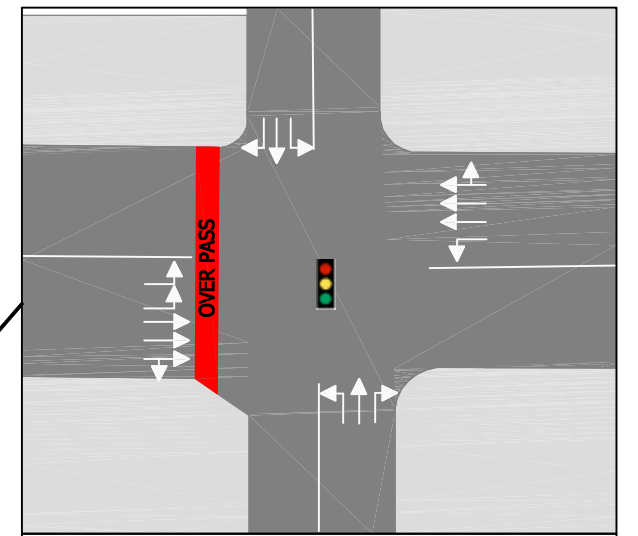
ABBOTT STREET AND HIGHWAY 97



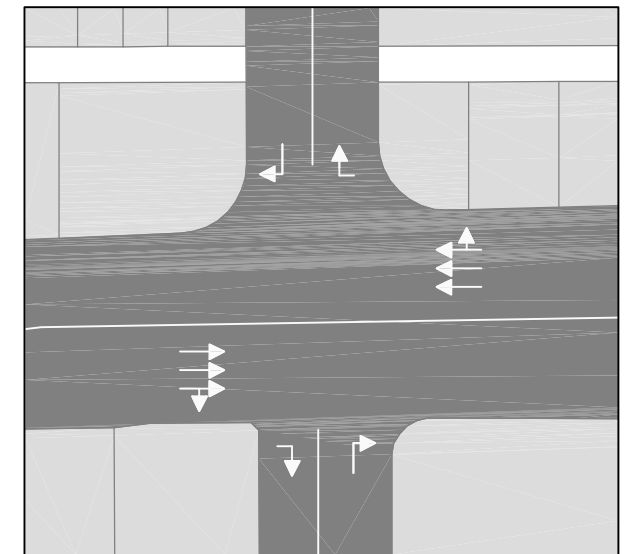
WATER STREET AND HIGHWAY 97



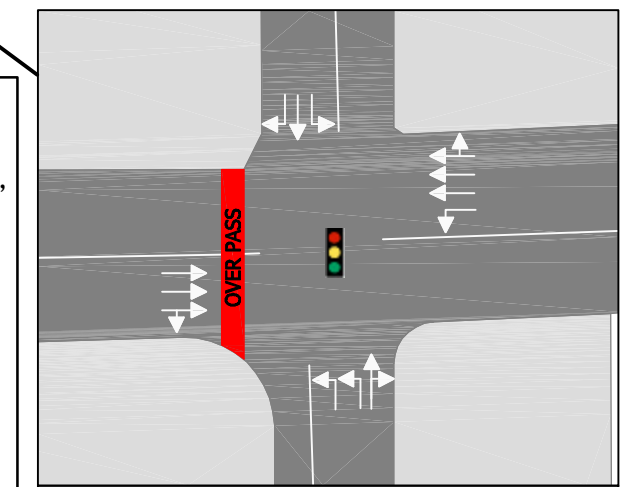
GORDON DRIVE



RICHTER STREET AND HIGHWAY 97



ELLIS STREET AND HIGHWAY 97



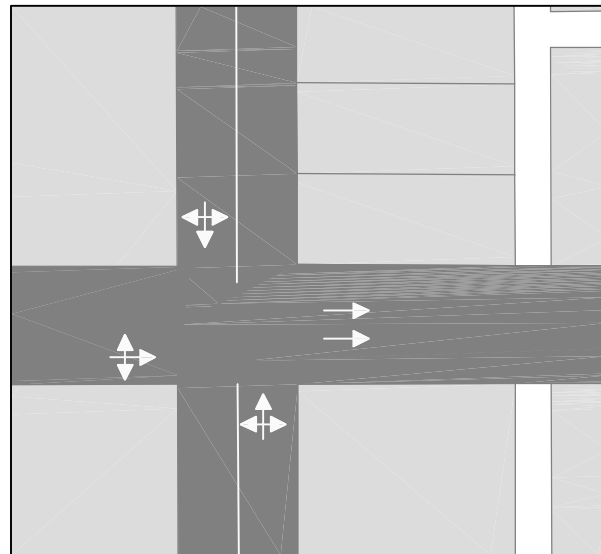
PANDOSY STREET AND HIGHWAY 97

- GORDON DR. 4 LANE TO MISSION
- PEDESTRIAN OVERPASSES AT ABBOTT, PANDOSY, RICHTER AND GORDON
- DUAL WESTBOUND LEFTS FROM PANDOSY TO HIGHWAY 97
- LEON AND LAWRENCE ARE TWO-WAY STREETS
- RAISED MEDIAN ALONG HIGHWAY 97 AT ELLIS

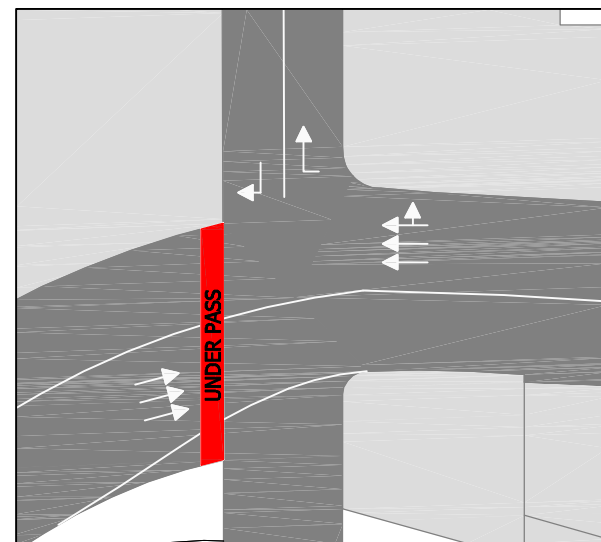




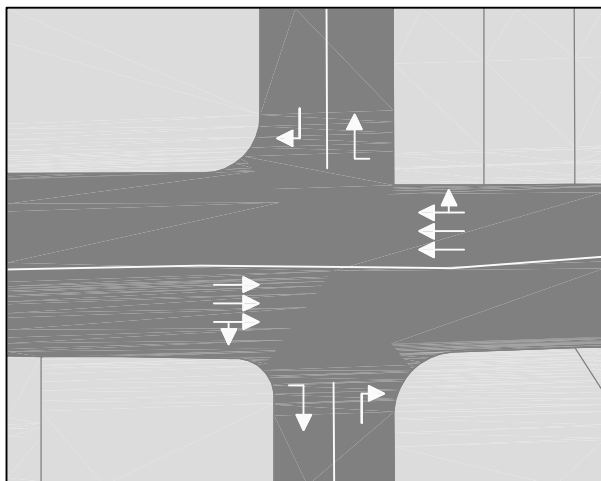
## ALTERNATIVE 7 Optimized Variables



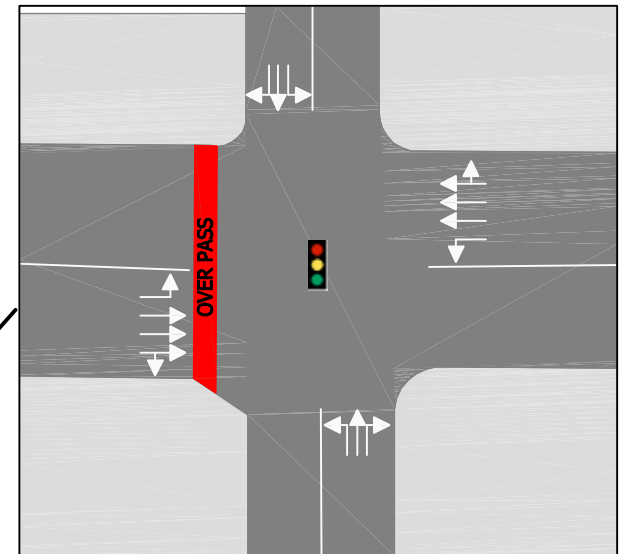
ABBOTT STREET AND LEON AVENUE



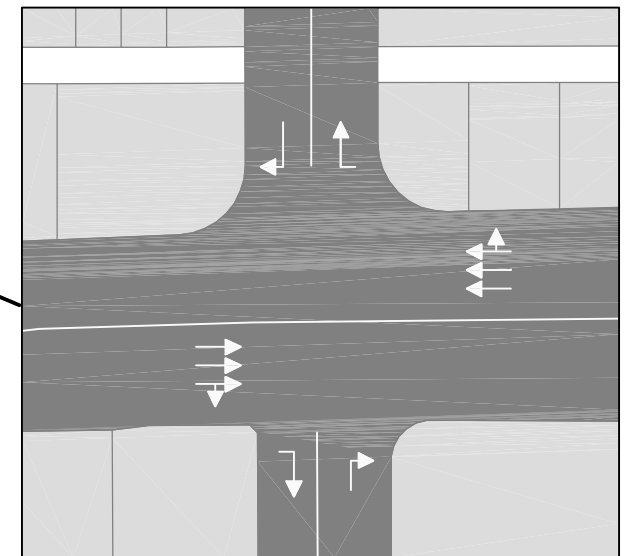
ABBOTT STREET AND HIGHWAY 97



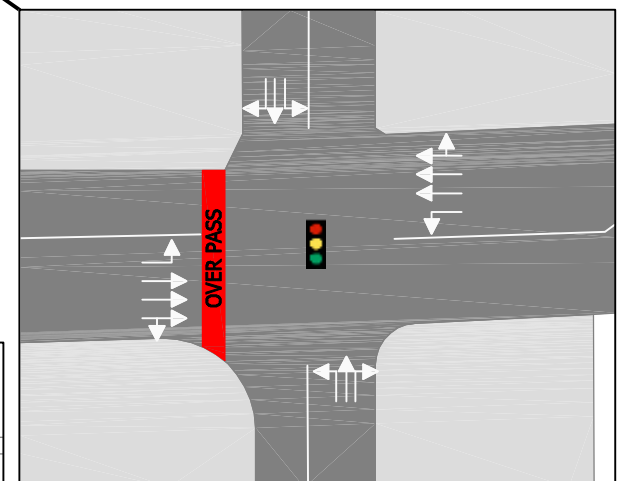
WATER STREET AND HIGHWAY 97



RICHTER STREET AND HIGHWAY 97

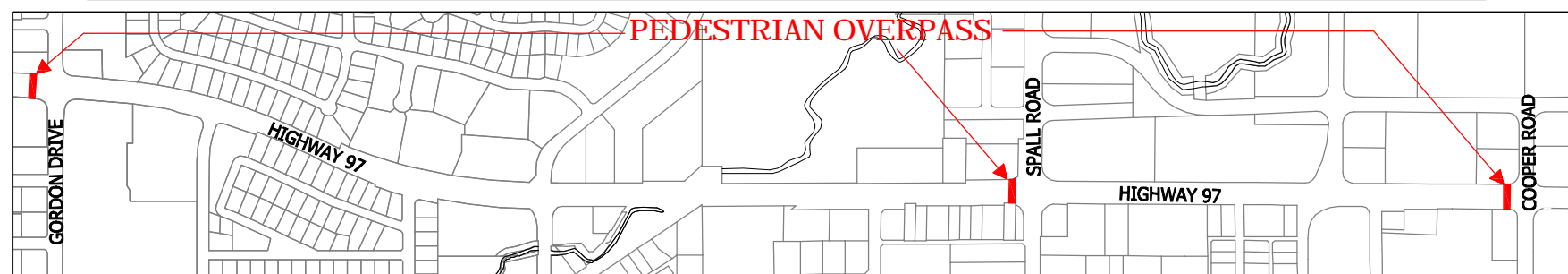


ELLIS STREET AND HIGHWAY 97



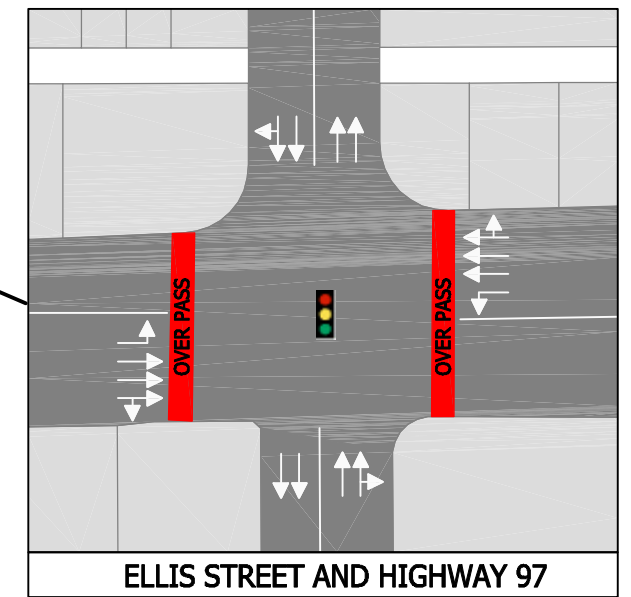
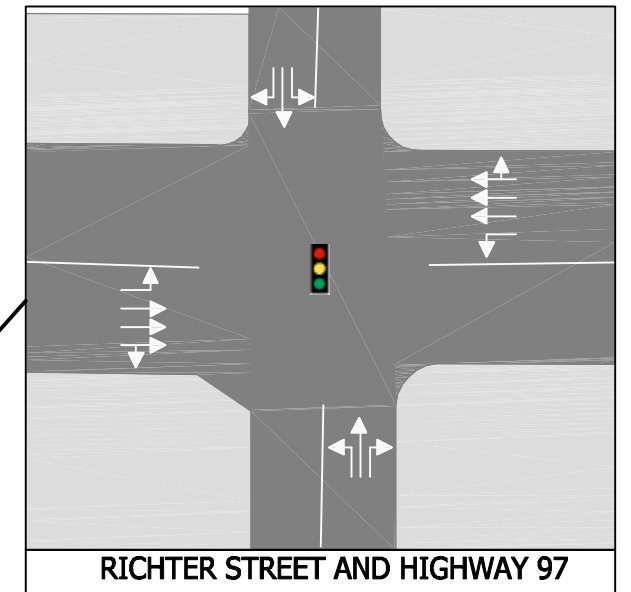
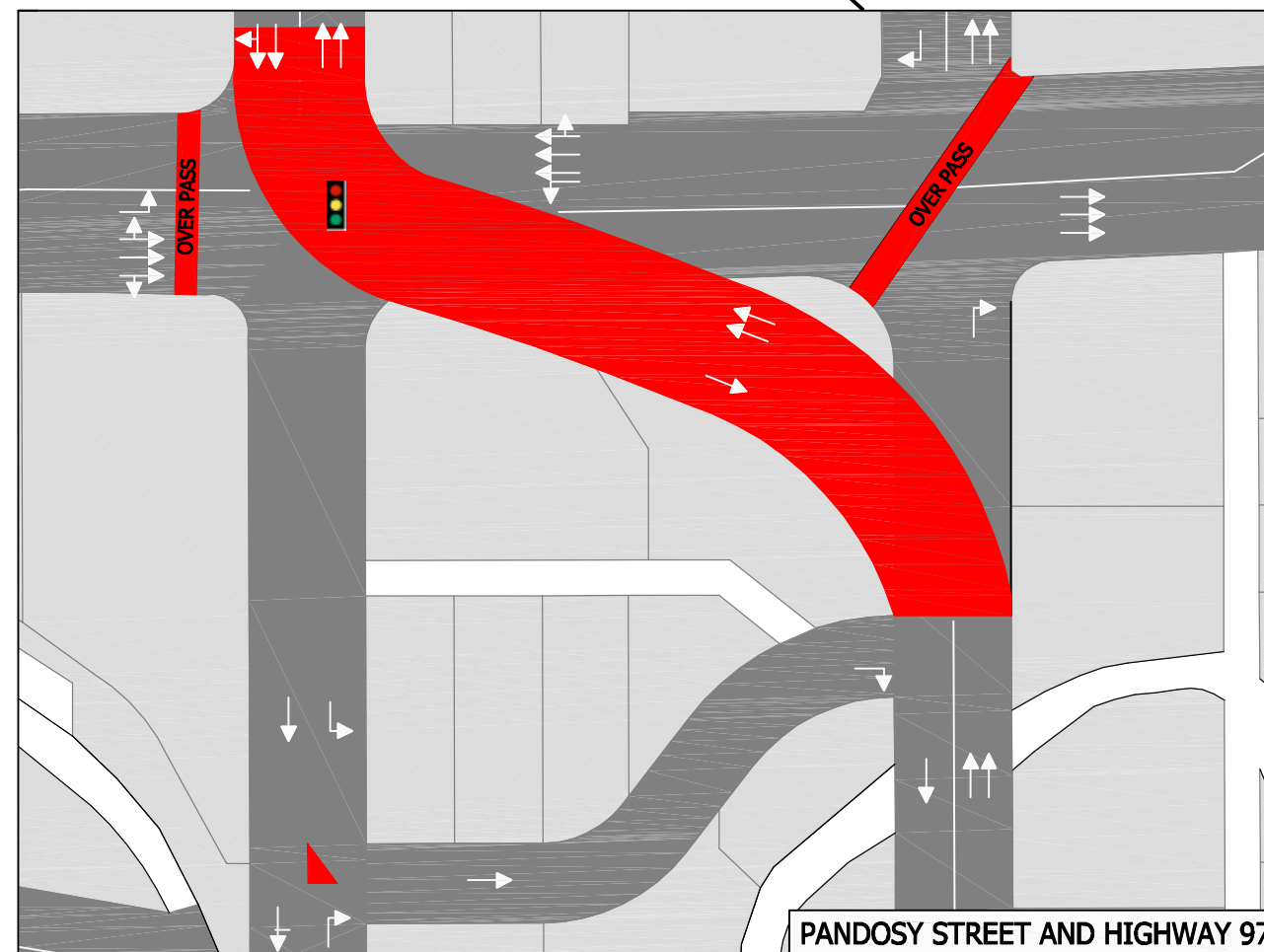
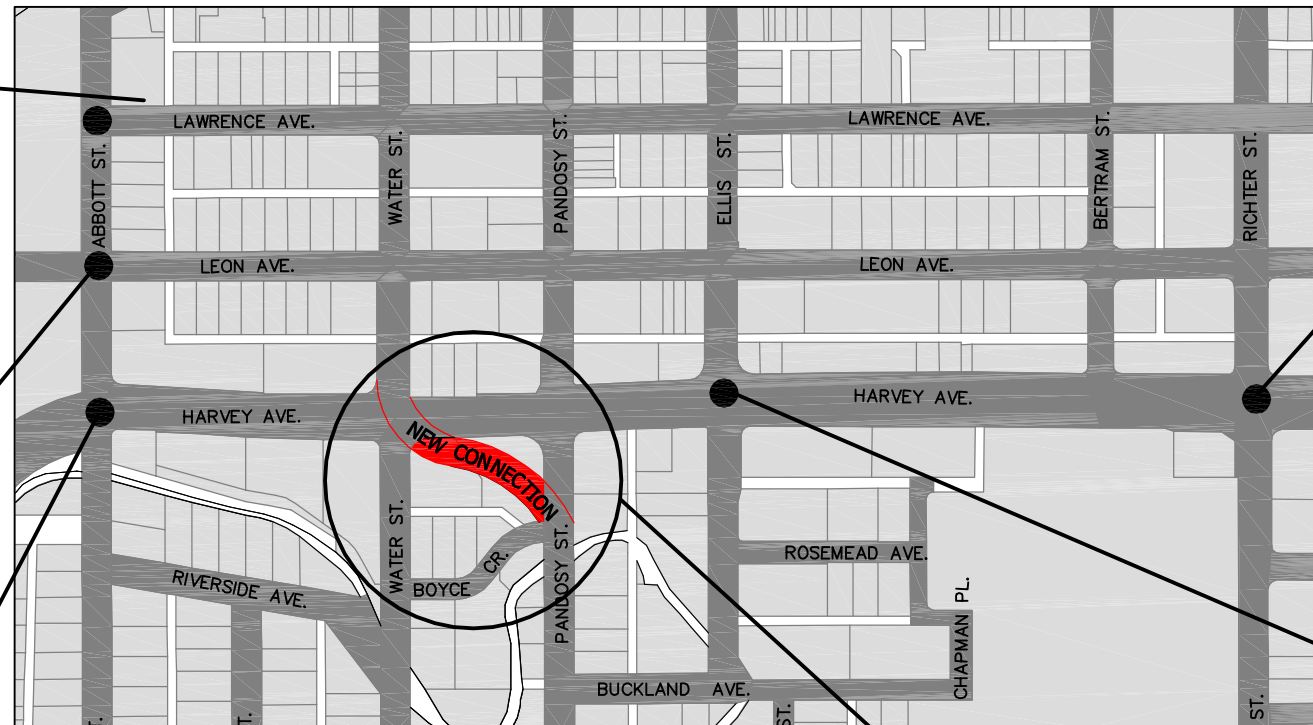
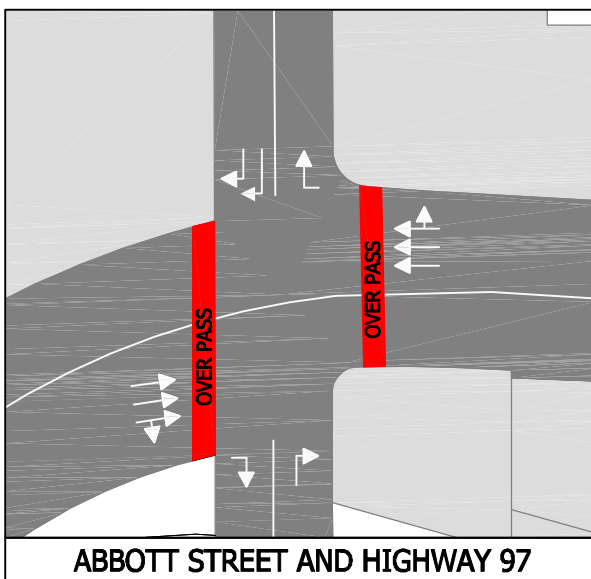
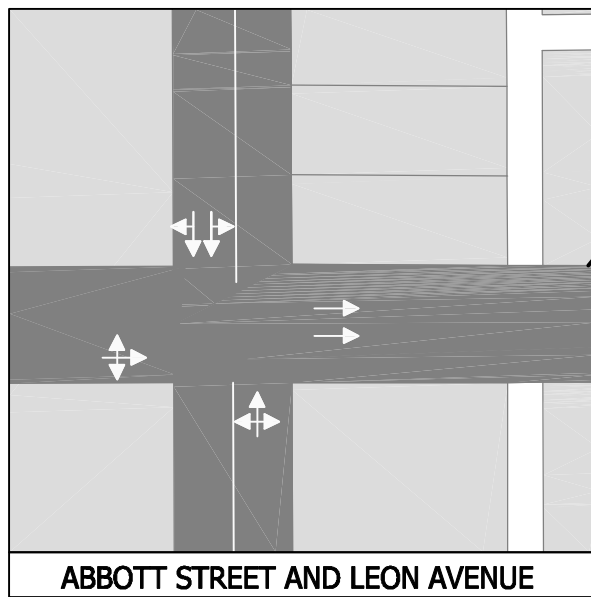
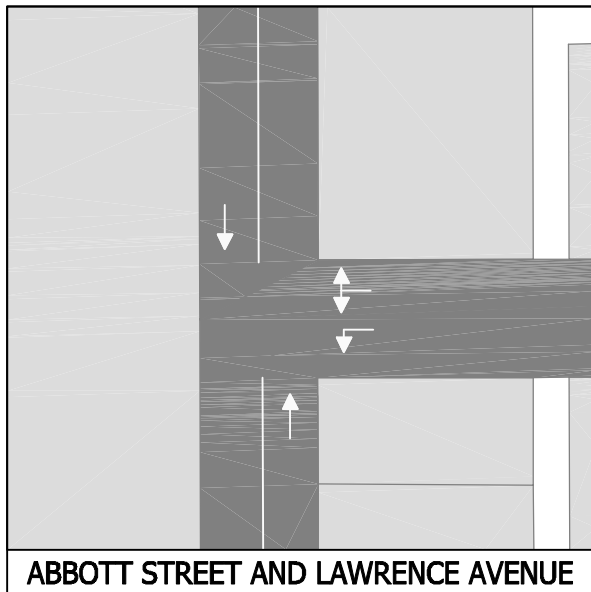
PANDOSY STREET AND HIGHWAY 97

- 5 PEDESTRIAN OVER PASSES (PANDOSY, RICHTER, GORDON, SPALL AND COOPER)
- 1 PEDESTRIAN UNDERPASS AT ABBOTT
- RAISED MEDIAN ALONG HIGHWAY 97 AT ABBOTT, WATER AND ELLIS
- PROTECTED LEFT TURNS FROM HIGHWAY 97 ONLY AT RICHTER, GORDON, SPALL AND DILWORTH
- PERMISSIVE LEFT TURNS FROM HIGHWAY 97 TO PANDOSY
- NO SIGNALS AT ABBOTT, WATER AND ELLIS
- UPGRADE SWAMP, CASORSO, BURTCH EARLY
- COORDINATE CITY AND HIGHWAY SIGNALS





## ALTERNATIVE 8 Alternate Water/Pandosy Connection



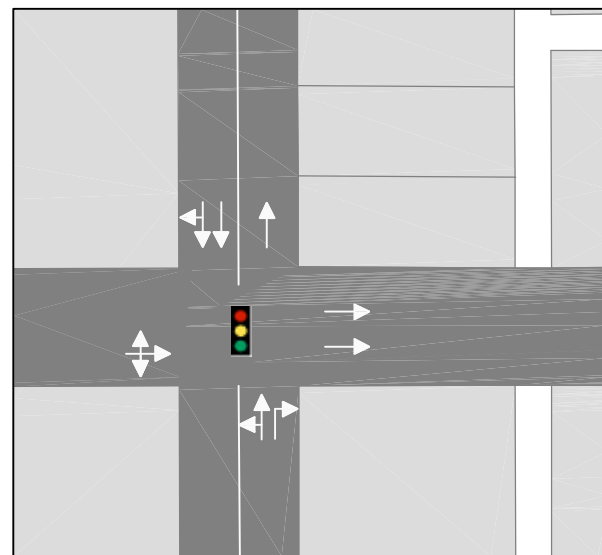
- NO LEFT TURNS FROM HIGHWAY 97 AT ABBOTT
- 6 PEDESTRIAN OVERPASSES AT ABBOTT (2), WATER/PANDOSY (2), ELLIS (2)
- DUAL LEFT TURN FROM HIGHWAY 97 AT WATER
- RAISED MEDIAN ALONG HIGHWAY 97 AT ABBOTT AND PANDOSY



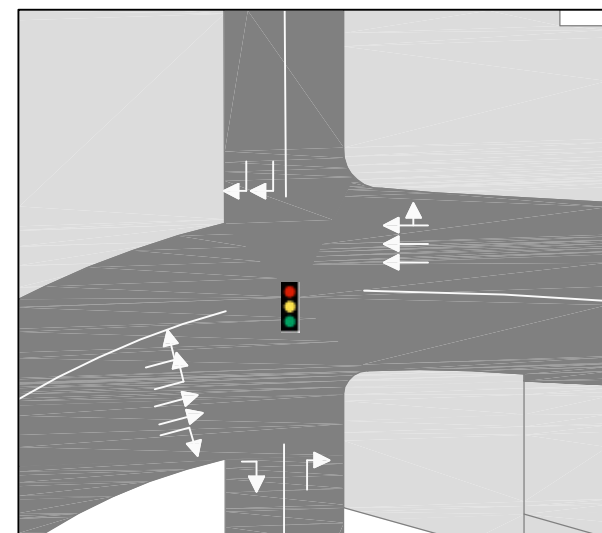


## ALTERNATIVE 9

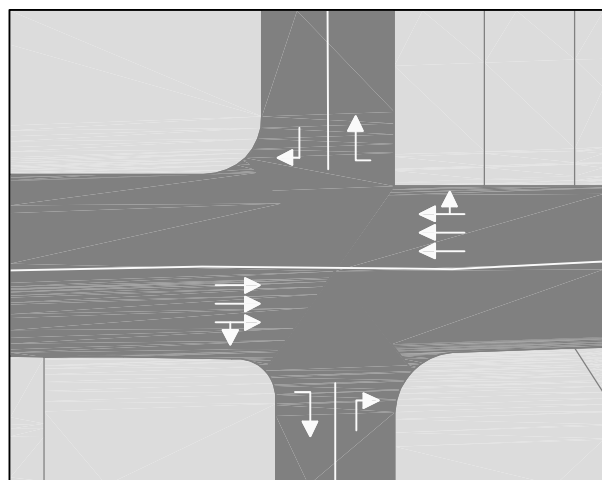
### Left Turns Restricted on Highway



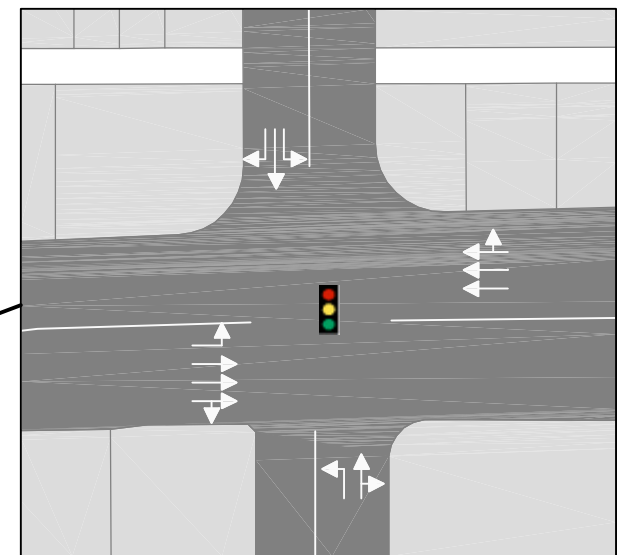
ABBOTT STREET AND LEON AVENUE



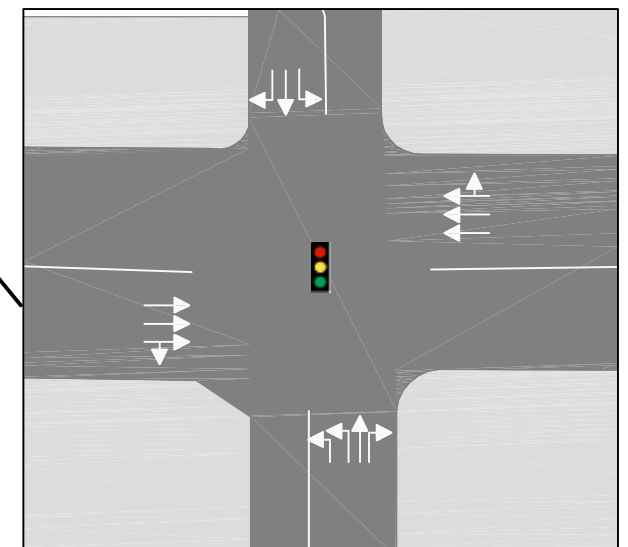
ABBOTT STREET AND HIGHWAY 97



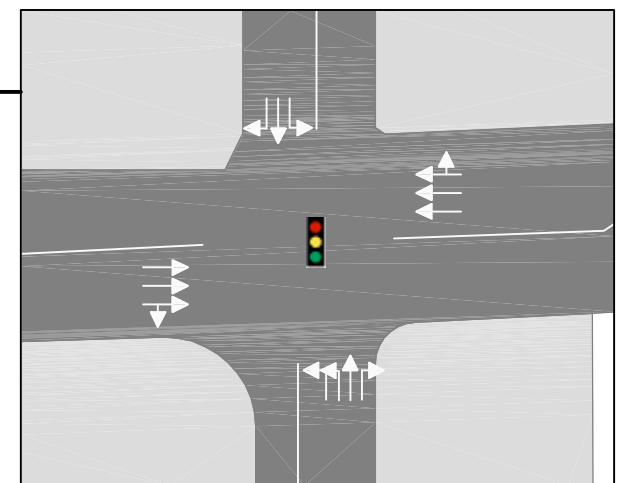
WATER STREET AND HIGHWAY 97



ELLIS STREET AND HIGHWAY 97



RICHTER STREET AND HIGHWAY 97



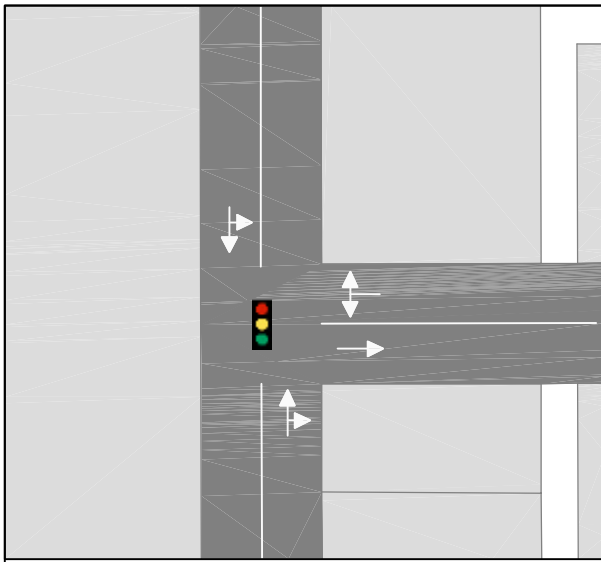
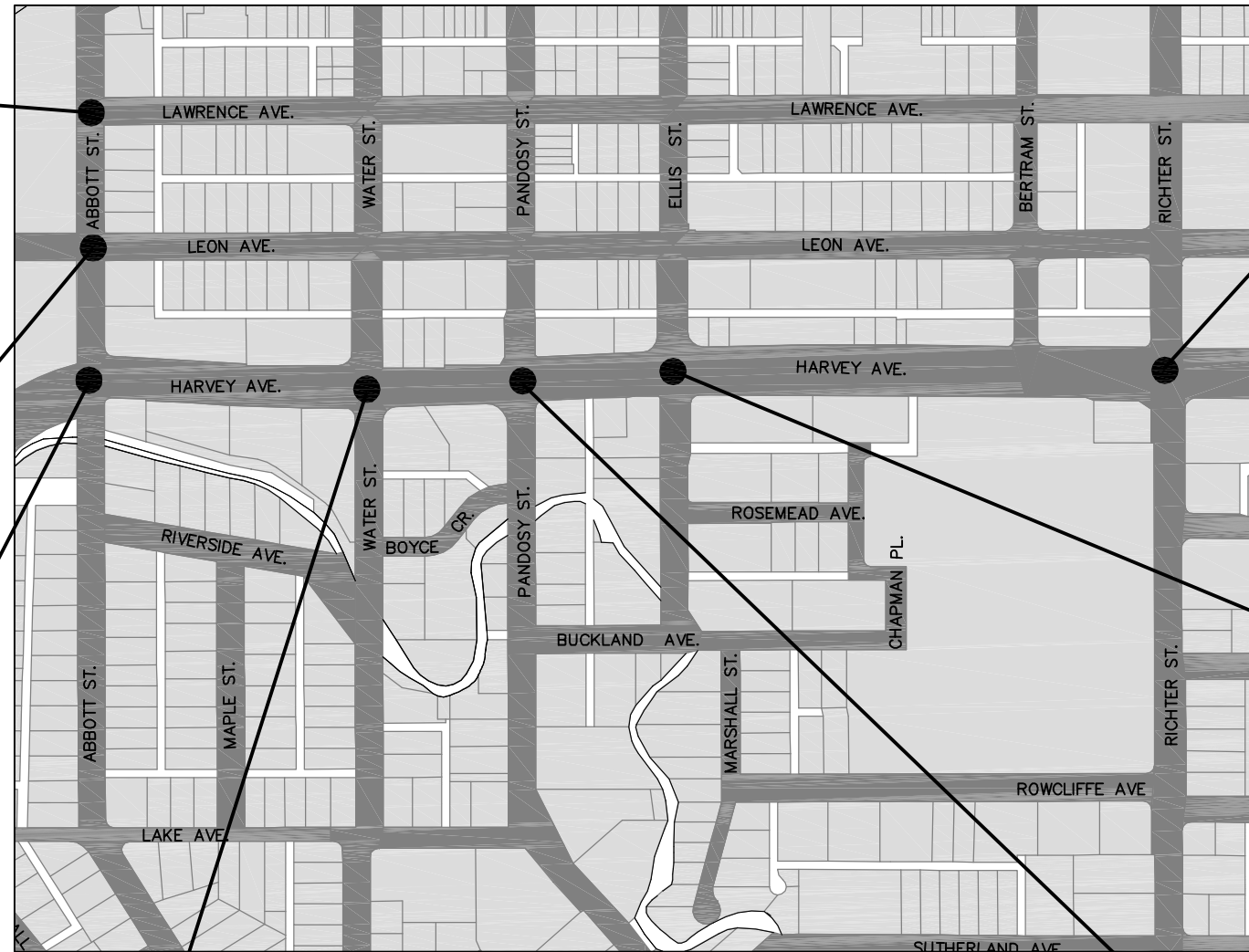
PANDOSY STREET AND HIGHWAY 97

- WESTBOUND LEFTS FROM HIGHWAY 97 AT RICHTER AND PANDOSY ACHIEVED THROUGH LOOP BACKS (3 RIGHT TURNS) AT BERTRAM AND WATER RESPECTIVELY
- EASTBOUND LEFT AT ELLIS (TRUCK ROUTE) EXTENDED

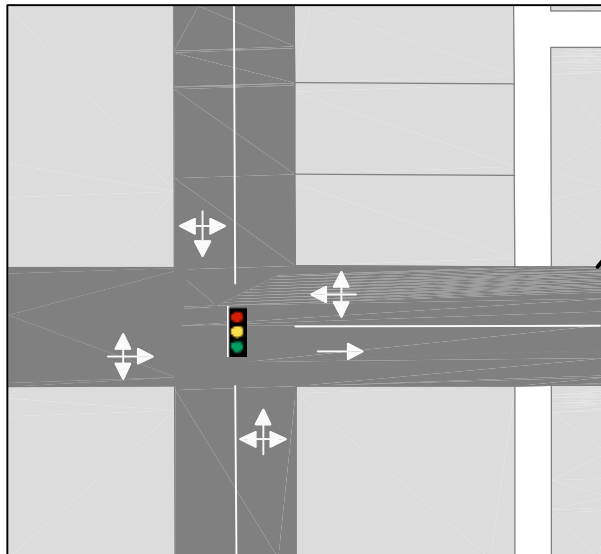


## ALTERNATIVE 10

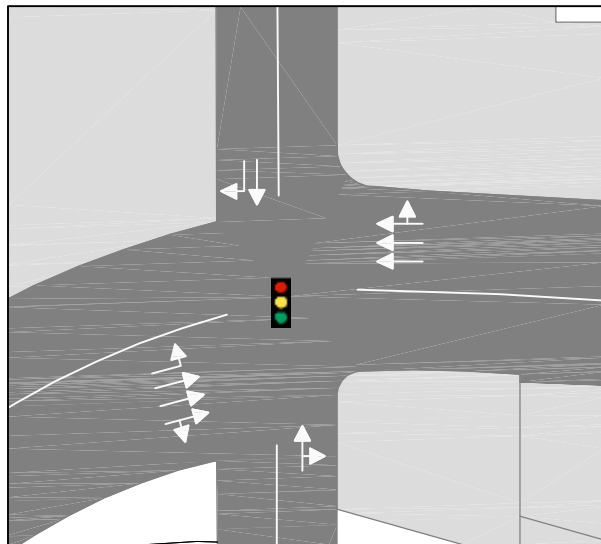
### Shortened Pandosy / Richter One-Way System



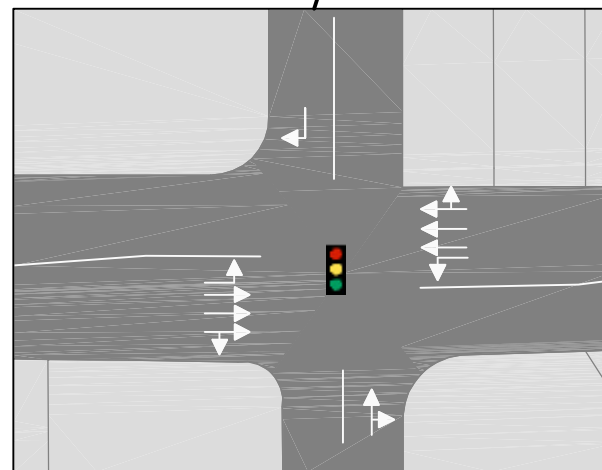
ABBOTT STREET AND LAWRENCE AVENUE



ABBOTT STREET AND LEON AVENUE

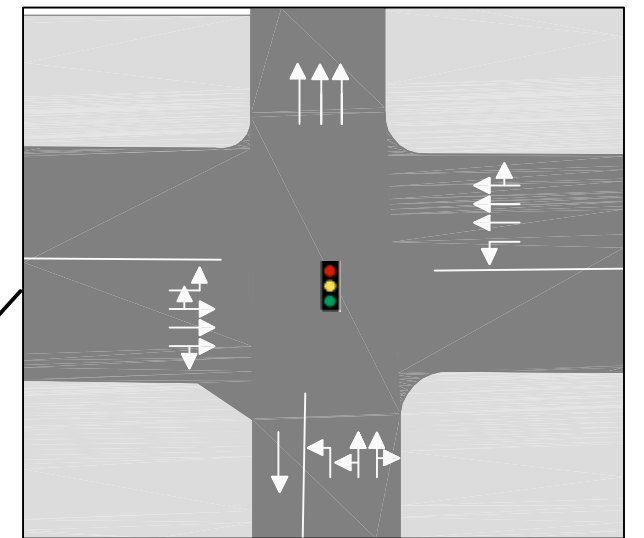


ABBOTT STREET AND HIGHWAY 97

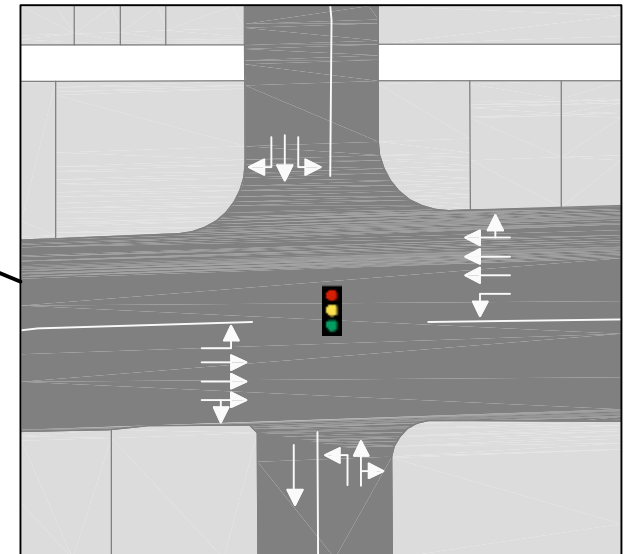


WATER STREET AND HIGHWAY 97

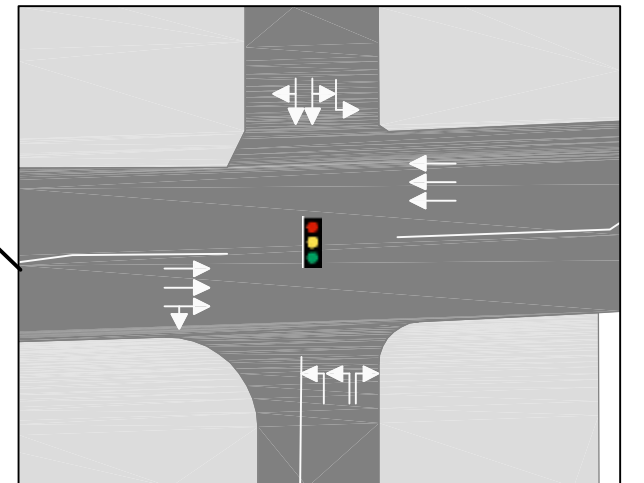
- ONE WAY TRAFFIC ONLY BETWEEN BERNARD AND HIGHWAY 97 ON PANDOSY AND RICHTER
- LAWRENCE AND LEON TWO-WAY TRAFFIC
- FEWER MOVEMENTS AT HIGHWAY 97, SHORTER SIGNALS



ONE WAY RICHTER STREET  
AND HIGHWAY 97



ELLIS STREET AND HIGHWAY 97

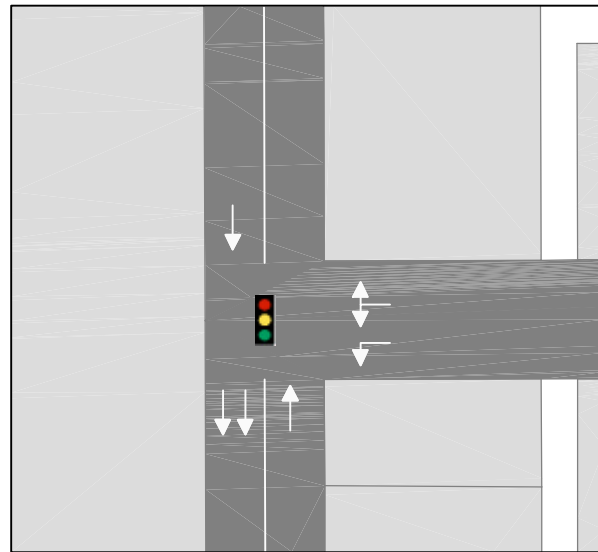


ONE WAY PANDOSY STREET  
AND HIGHWAY 97

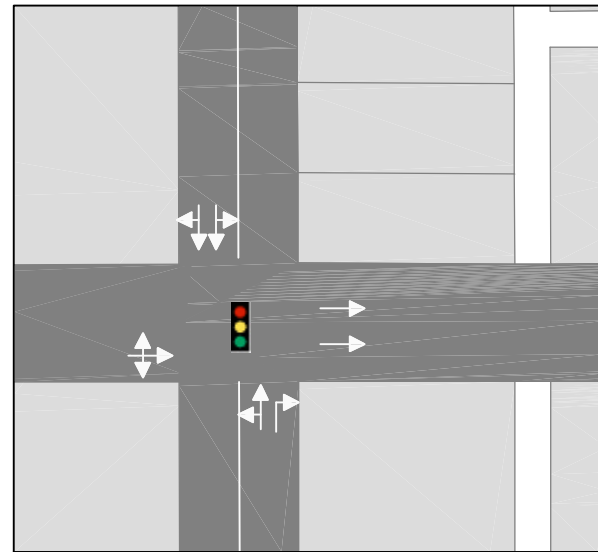


# ALTERNATIVE 11

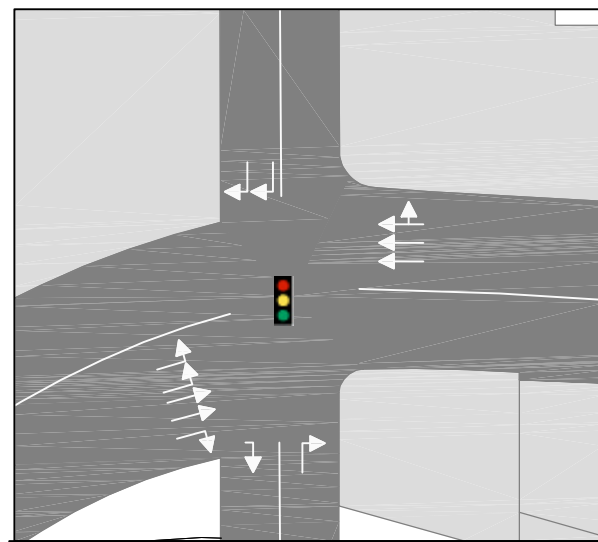
## Counterflow Lanes on Pandosy and Richter



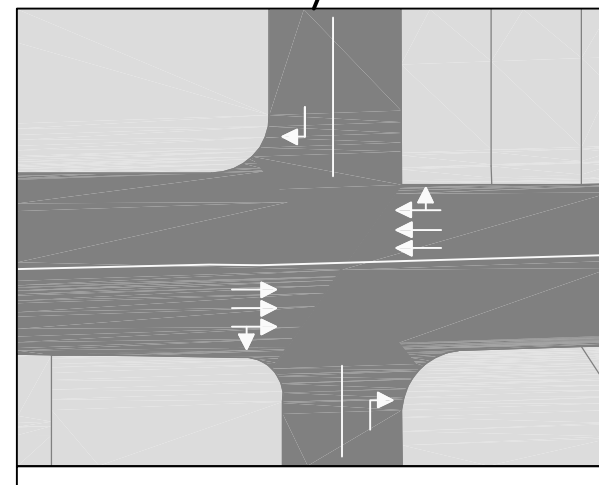
ABBOTT STREET AND LAWRENCE AVENUE



ABBOTT STREET AND LEON AVENUE

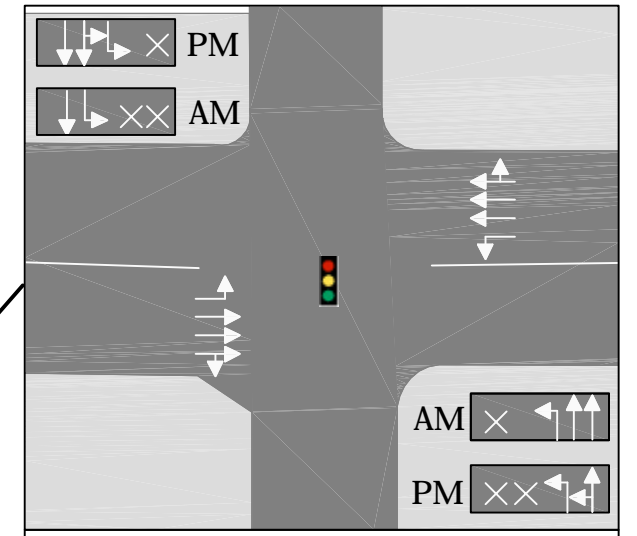


ABBOTT STREET AND HIGHWAY 97

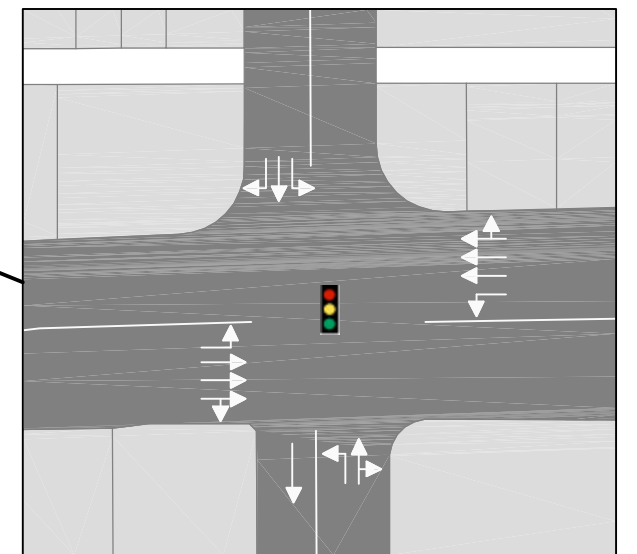


WATER STREET AND HIGHWAY 97

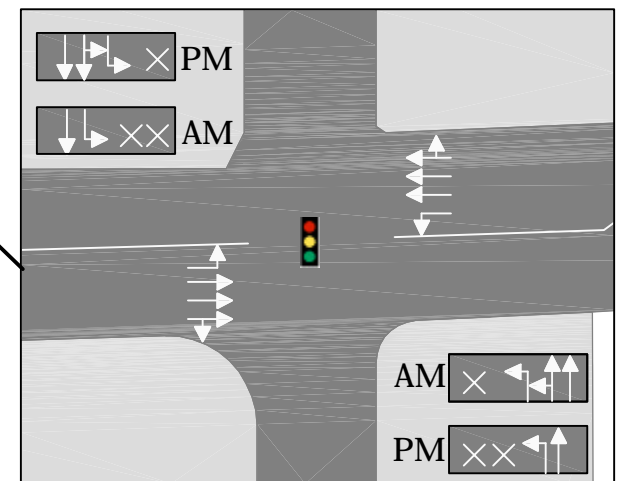
- CENTER LANES ADJUSTED TO MEET DAILY TRAFFIC DEMAND (SIMILAR TO OKANAGAN LAKE BRIDGE)



RICHTER STREET AND HIGHWAY 97



ELLIS STREET AND HIGHWAY 97

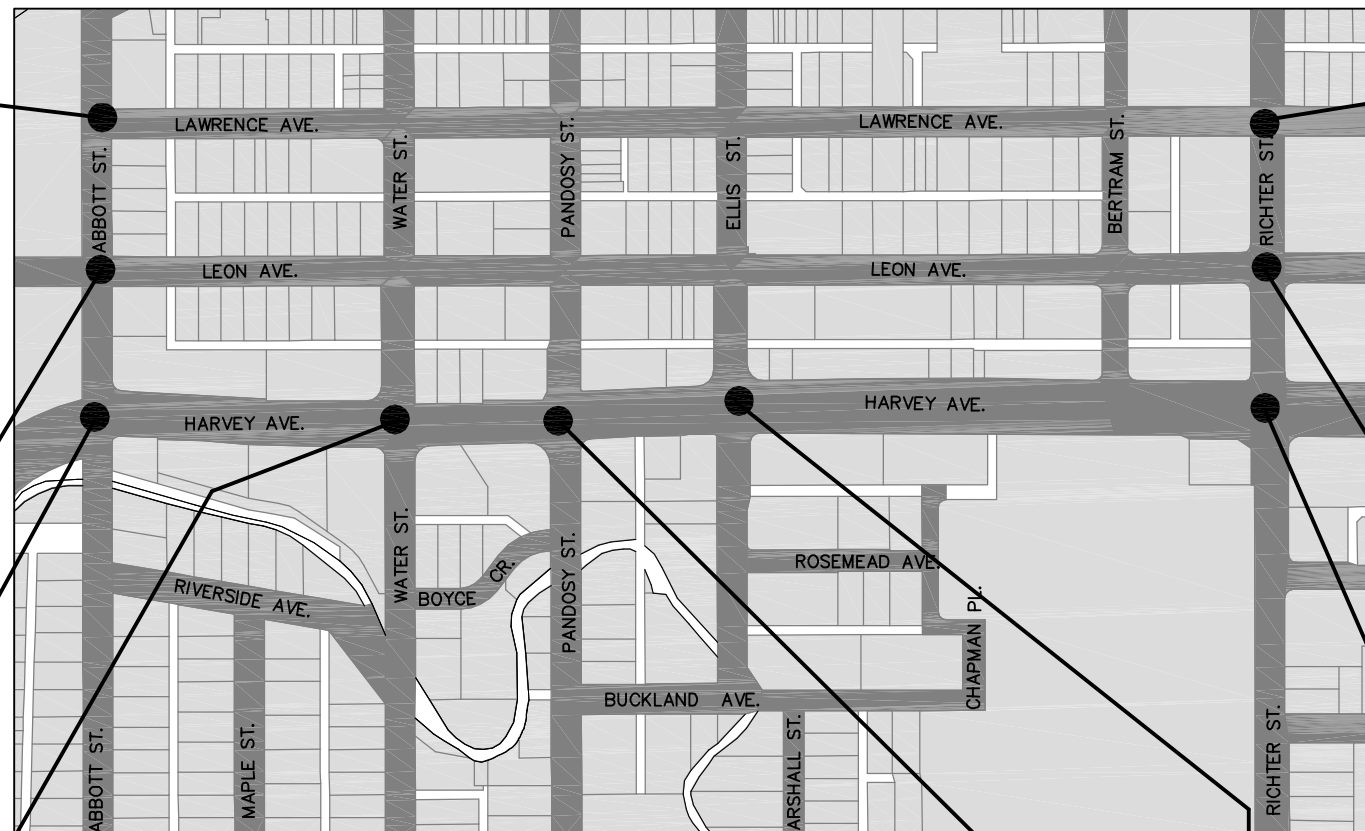


PANDOSY STREET AND HIGHWAY 97

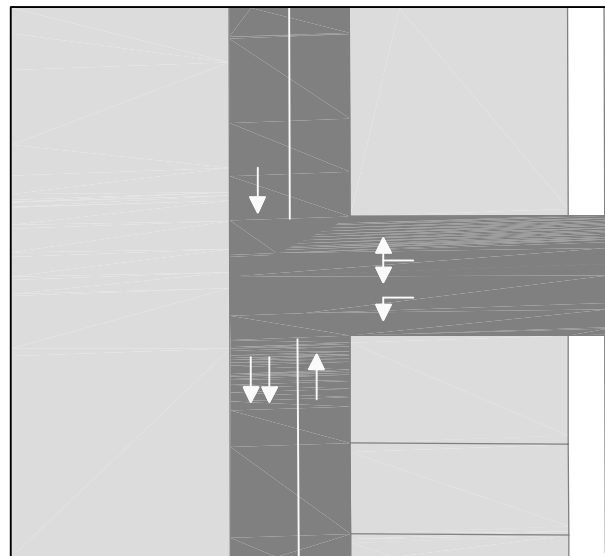




## ALTERNATIVE 12 Shallow Underpass at Richter



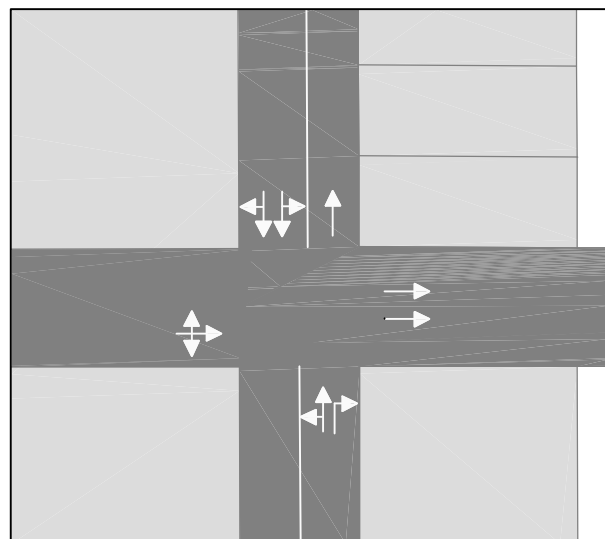
- TWO-WAY UNDERPASS ALONG RICHTER AT HIGHWAY 97
- DUAL LEFTS FROM RICHTER TO HIGHWAY 97
- DUAL LEFTS FROM PANDOSY TO HIGHWAY 97



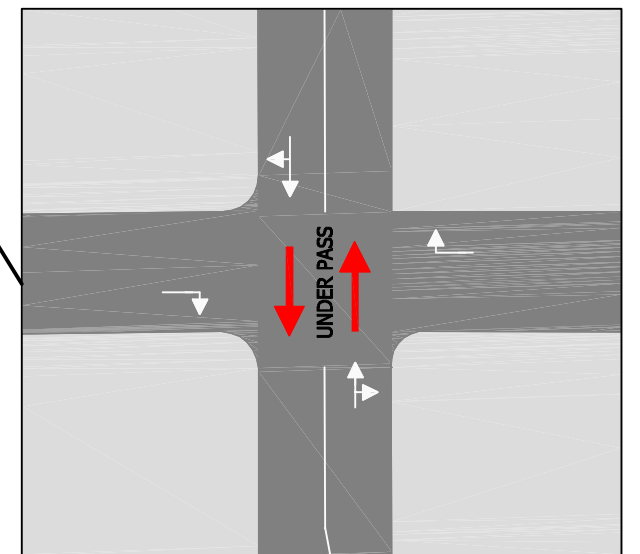
ABBOTT STREET AND LAWRENCE AVENUE



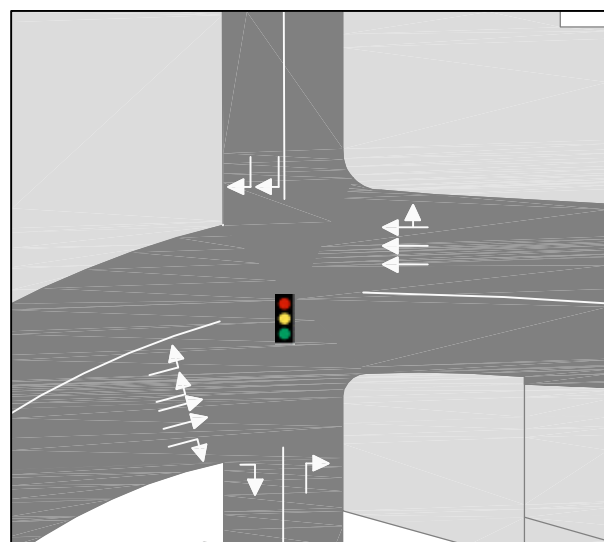
RICHTER STREET AND LAWRENCE AVENUE



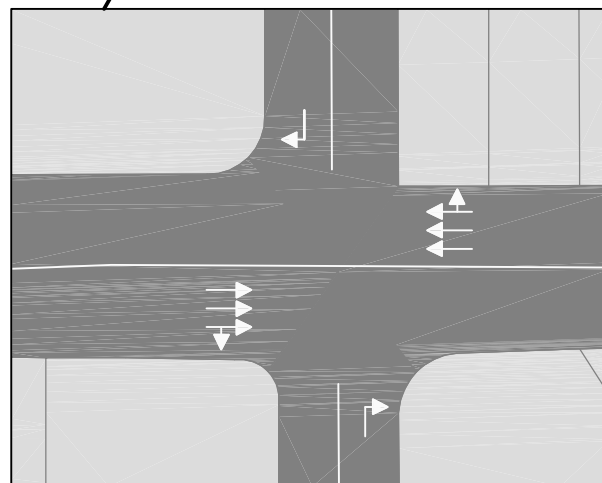
ABBOTT STREET AND LEON AVENUE



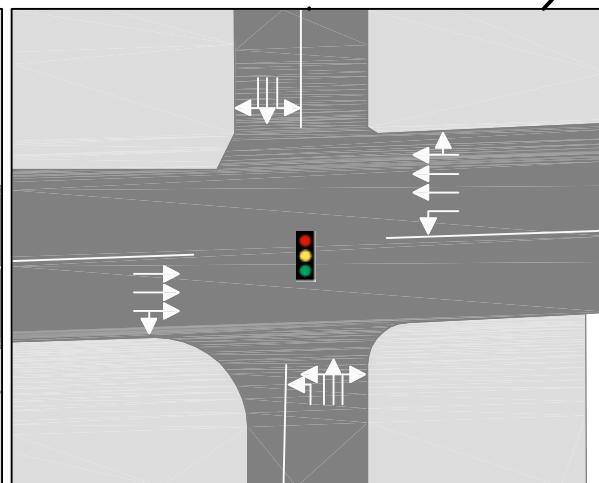
RICHTER STREET AND LEON AVENUE



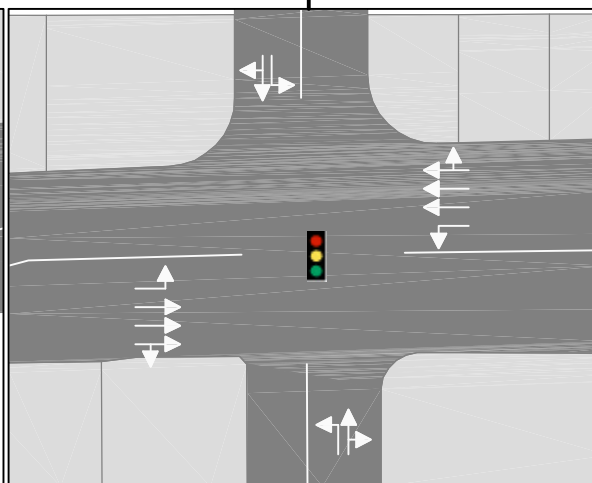
ABBOTT STREET AND HIGHWAY 97



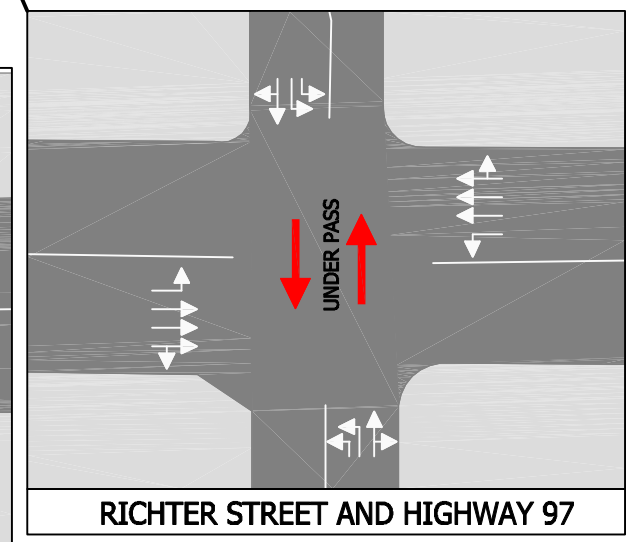
WATER STREET AND HIGHWAY 97



PANDOSY STREET AND HIGHWAY 97



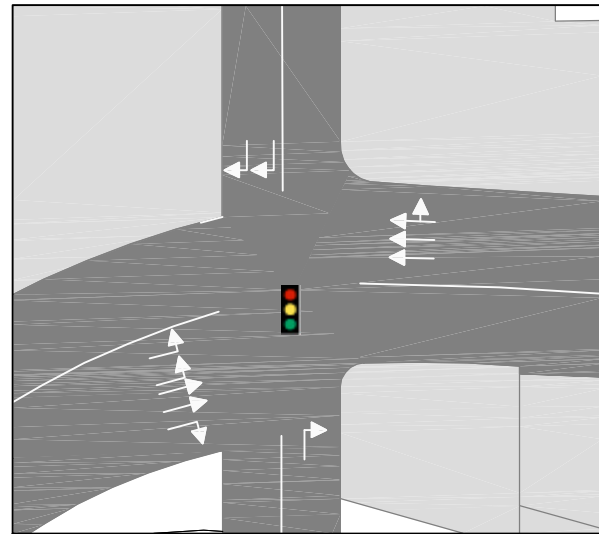
ELLIS STREET AND HIGHWAY 97



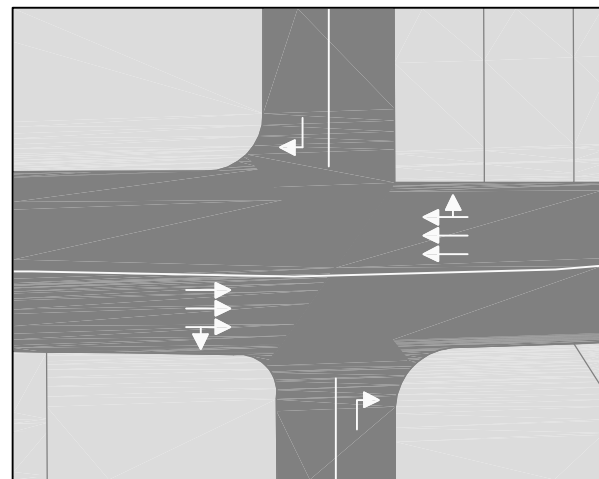
RICHTER STREET AND HIGHWAY 97



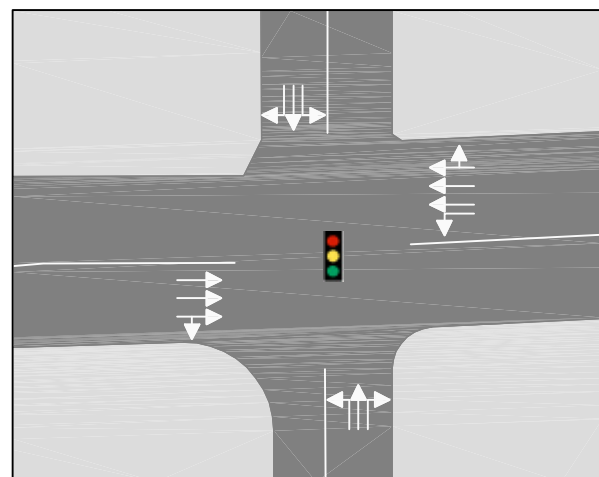
## ALTERNATIVE 13 4 Lane Richter with Interchange at Highway 97



ABBOTT STREET AND HIGHWAY 97



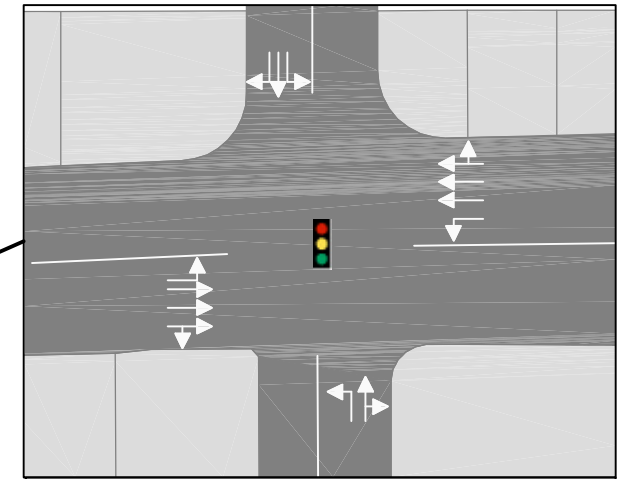
WATER STREET AND HIGHWAY 97



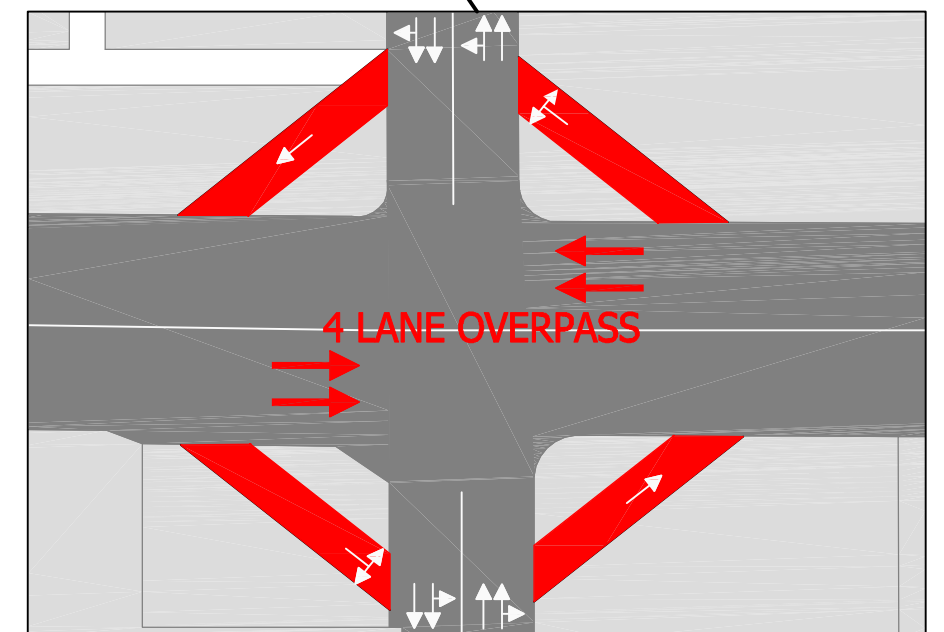
PANDOSY STREET AND HIGHWAY 97



- 4 LANE OVERPASS ON HIGHWAY 97 OVER RICHTER
- 4 LANE RICHTER NORTH AND SOUTH OF HIGHWAY 97
- ALL OTHER INTERSECTIONS REMAIN AS IS
- RAISED MEDIAN ALONG HIGHWAY 97 AT WATER;  
RIGHT IN RIGHT OUT



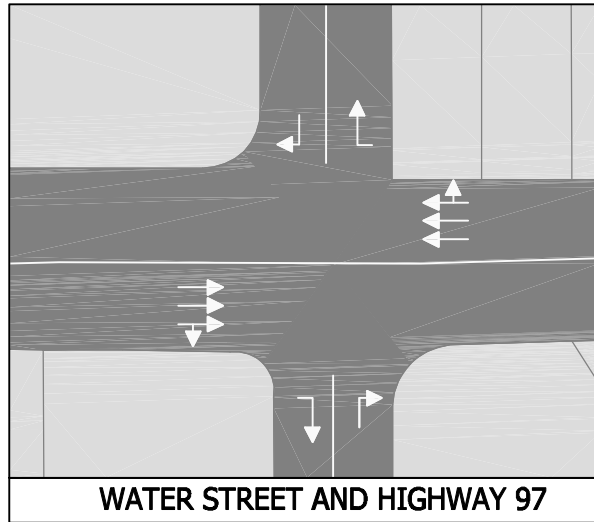
ELLIS STREET AND HIGHWAY 97



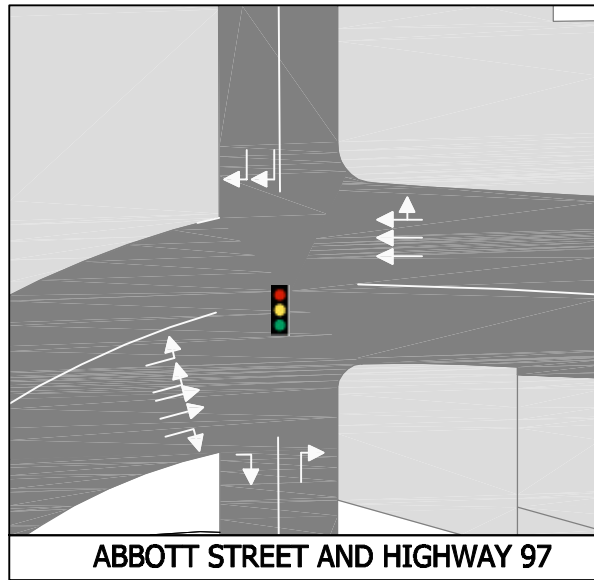
RICHTER STREET AND HIGHWAY 97 OVERPASS



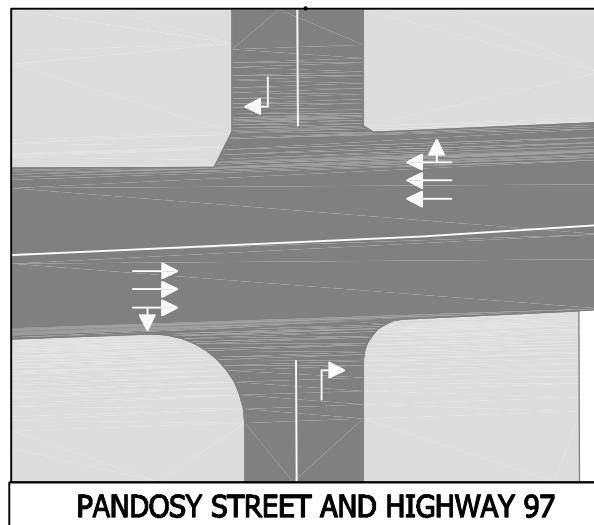
## ALTERNATIVE 14 Ellis - Richter Couplet



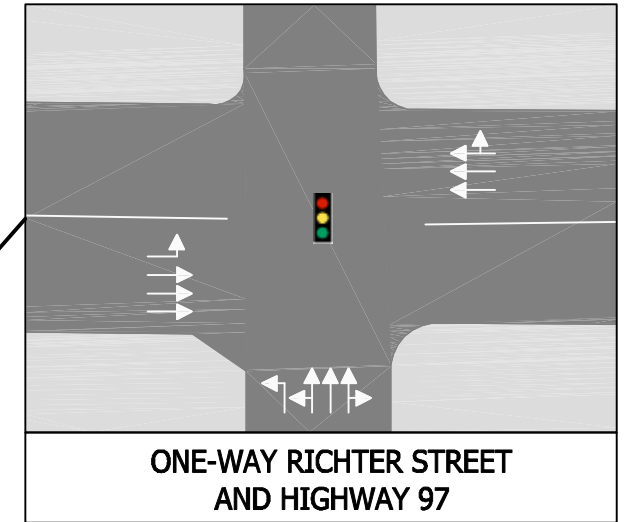
WATER STREET AND HIGHWAY 97



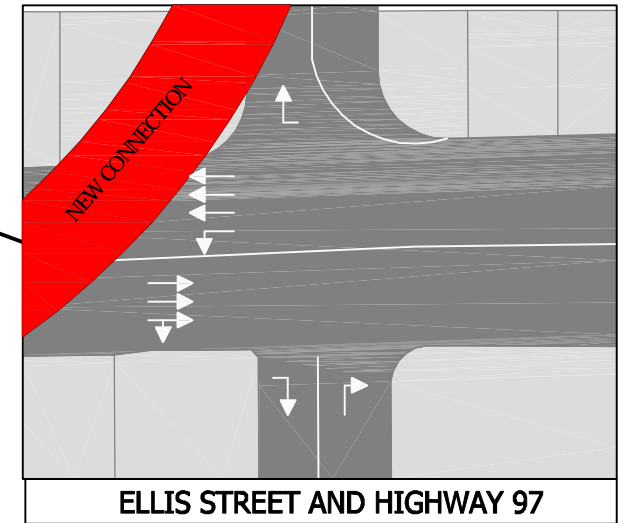
ABBOTT STREET AND HIGHWAY 97



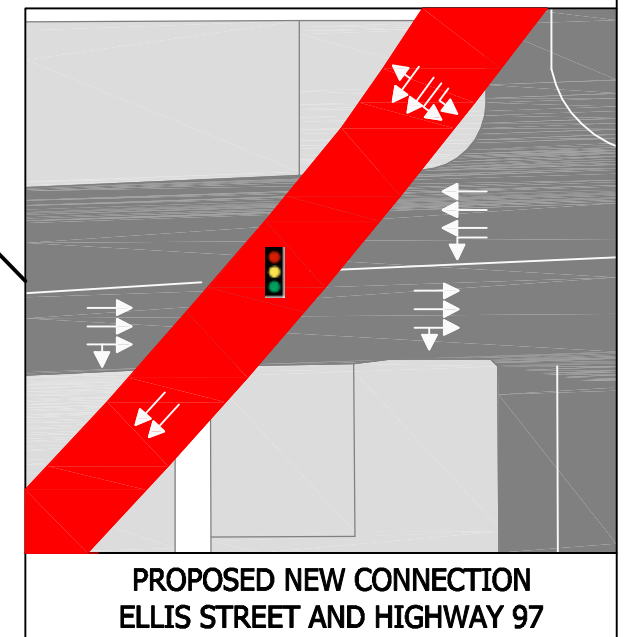
PANDOSY STREET AND HIGHWAY 97



ONE-WAY RICHTER STREET  
AND HIGHWAY 97



ELLIS STREET AND HIGHWAY 97



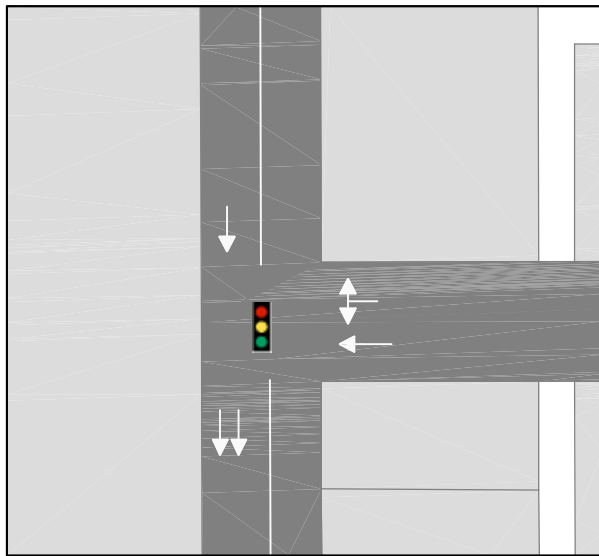
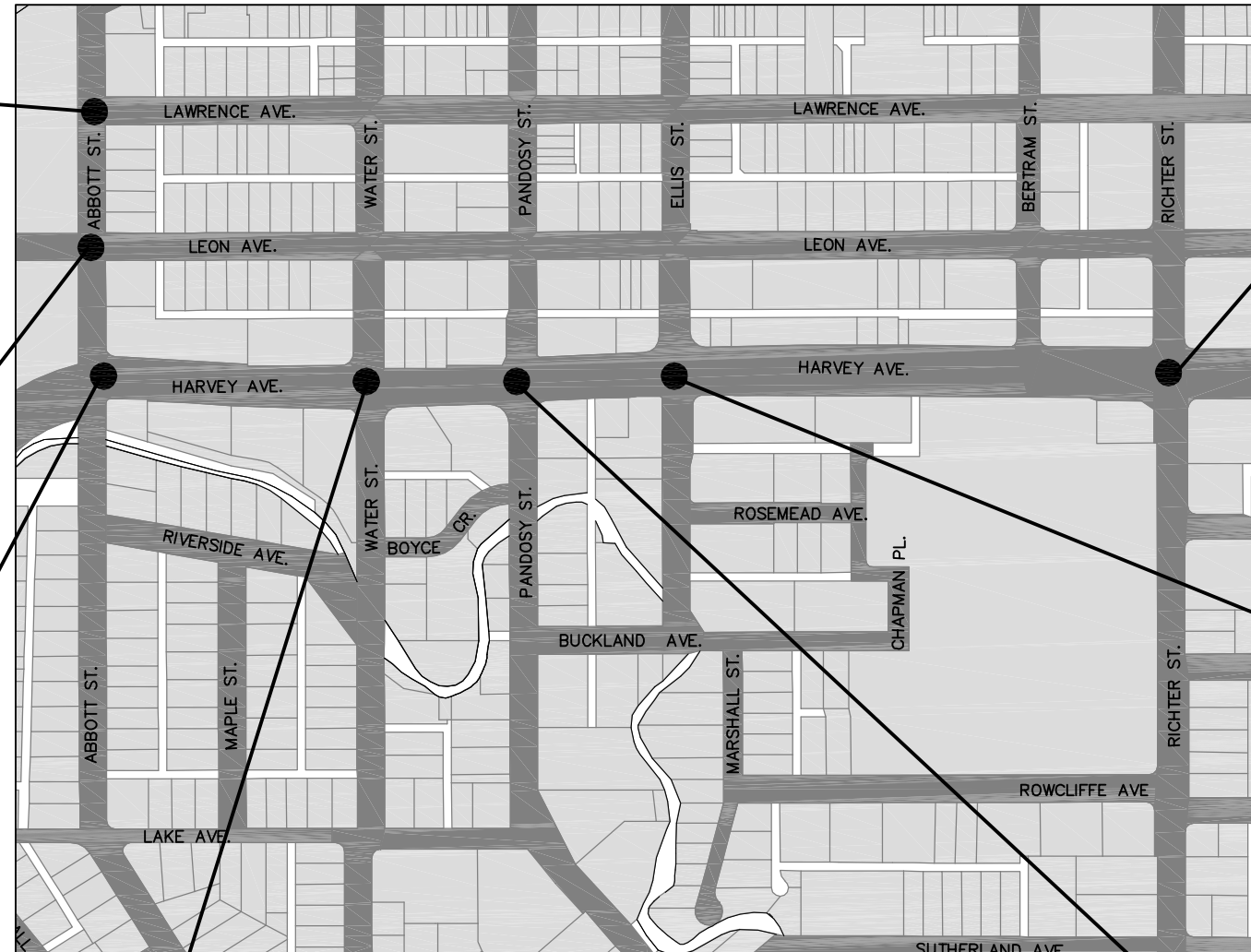
PROPOSED NEW CONNECTION  
ELLIS STREET AND HIGHWAY 97

- NEW LINK BETWEEN ELLIS AND PANDOSY
- RAISED MEDIAN ALONG HIGHWAY 97 AT WATER AND PANDOSY;  
RIGHT IN RIGHT OUT
- UNSIGNALIZED EASTBOUND LEFT FROM HIGHWAY 97 AT PANDOSY  
COULD BE RELOCATED TO WATER

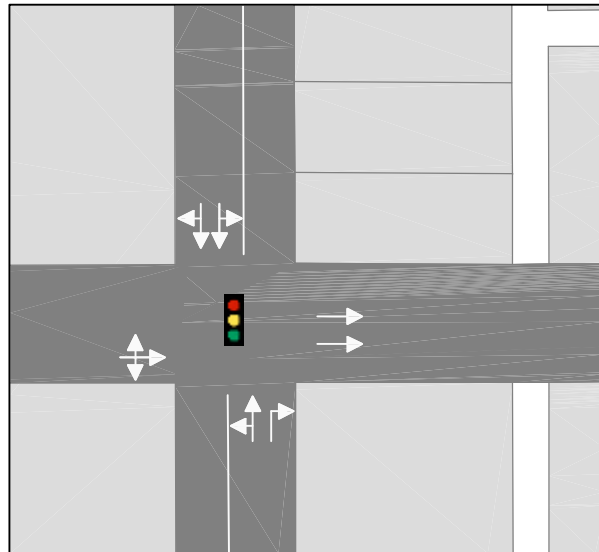




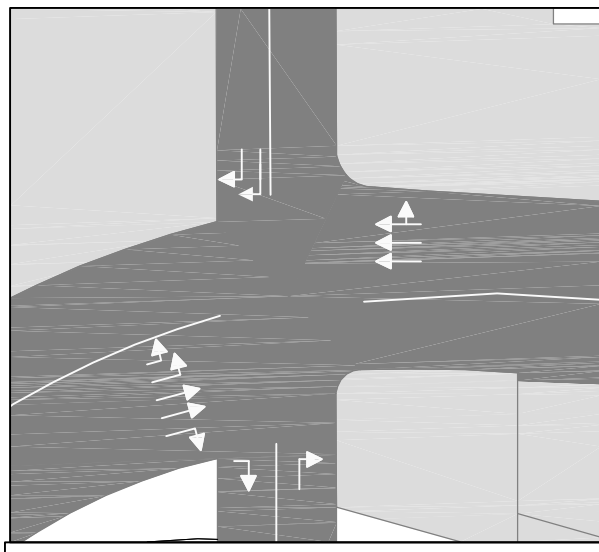
## ALTERNATIVE 15



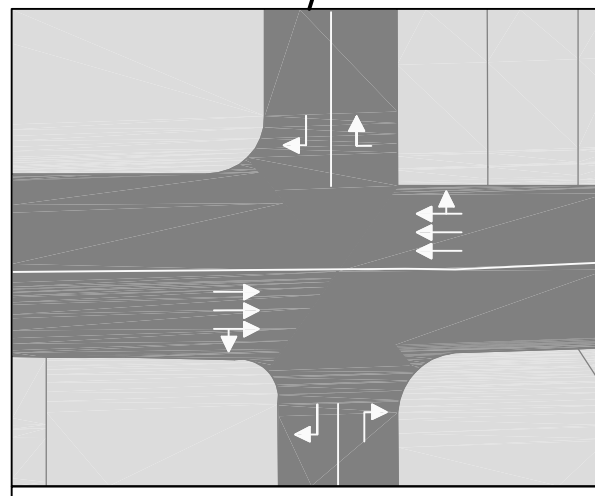
ABBOTT STREET AND LAWRENCE AVENUE



ABBOTT STREET AND LEON AVENUE

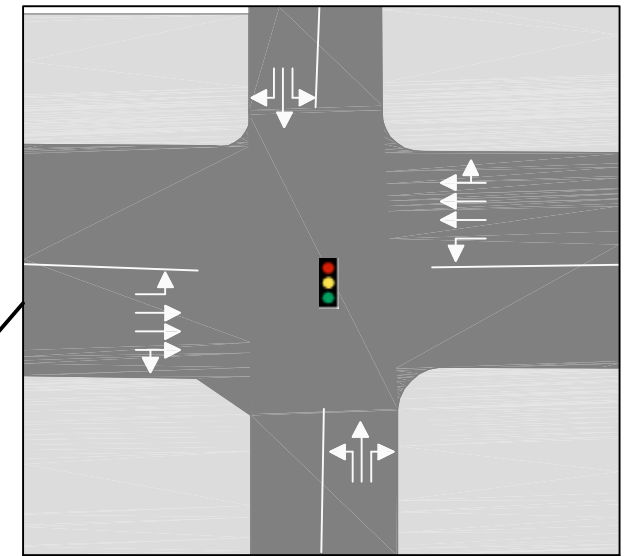


ABBOTT STREET AND HIGHWAY 97

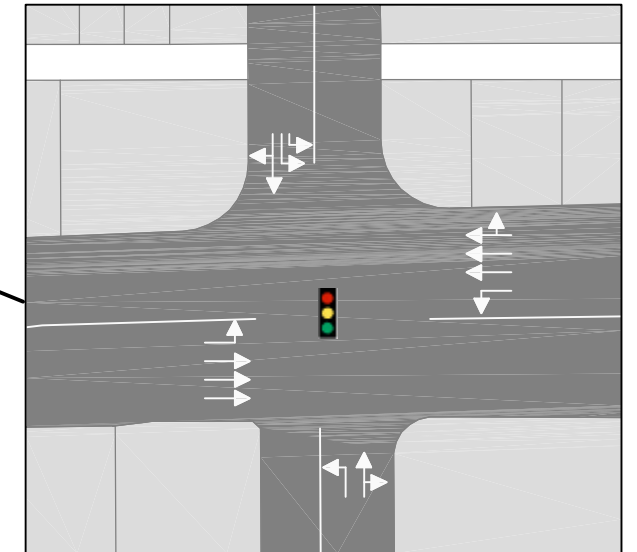


WATER STREET AND HIGHWAY 97

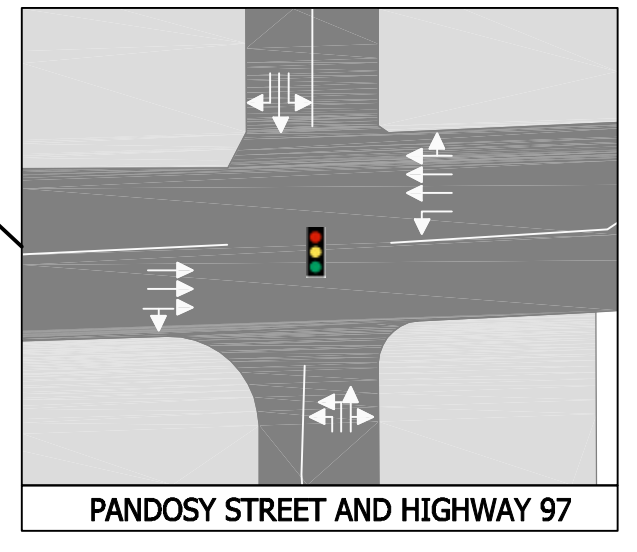
- DUAL LEFT TURNS SOUTHBOUND FROM ELLIS ONTO HIGHWAY 97 (COULD BE RELOCATED TO RICHTER)
- RAISED MEDIAN ALONG HIGHWAY 97 AT WATER; RIGHT IN AND RIGHT OUT AT WATER
- DUAL LEFT TURNS NORTHBOUND FROM PANDOSY ONTO HIGHWAY 97



RICHTER STREET AND HIGHWAY 97



ELLIS STREET AND HIGHWAY 97



PANDOSY STREET AND HIGHWAY 97



## ALTERNATIVE 16 Limited Signals



GORDON DRIVE AND HIGHWAY 97

ELLIS STREET AND HIGHWAY 97

ABBOTT STREET AND LEON AVENUE

RICHTER STREET AND HIGHWAY 97

ABBOTT STREET AND HIGHWAY 97

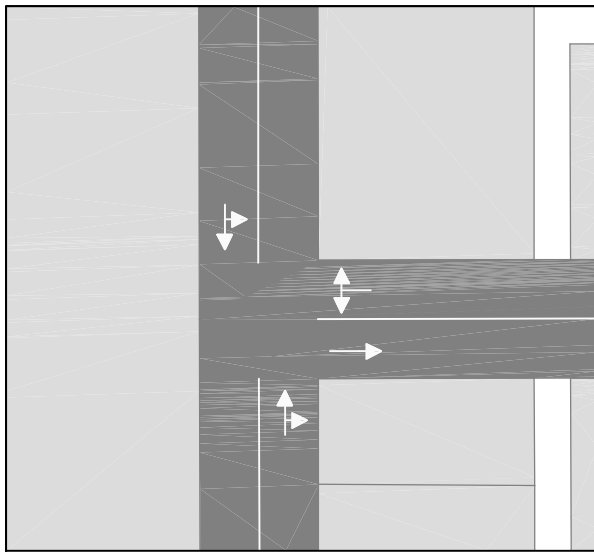
WATER STREET AND HIGHWAY 97

PANDOSY STREET AND HIGHWAY 97

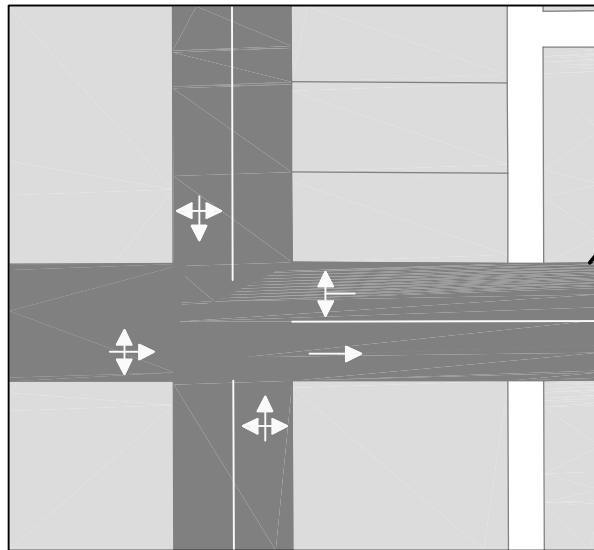
- RAISED MEDIAN ALONG HIGHWAY 97 AT WATER, ELLIS AND ETHEL; RIGHT IN RIGHT OUT,
- GORDON/HIGHWAY 97 INTERSECTION, DOUBLE LEFT TURNS NORTH BOUND AND SOUTHBOUND



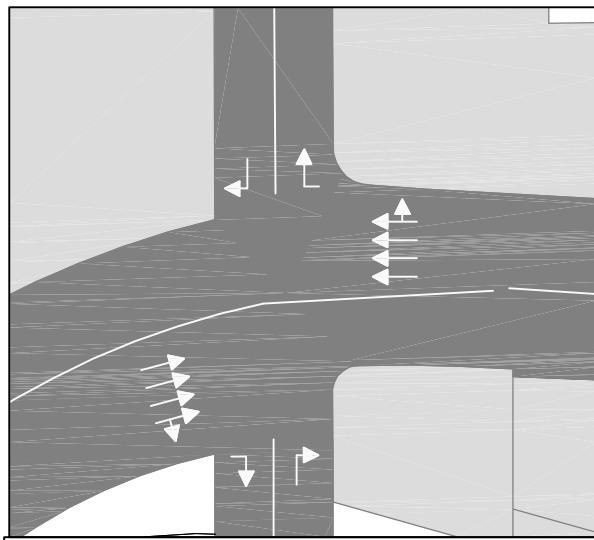
## ALTERNATIVE 17



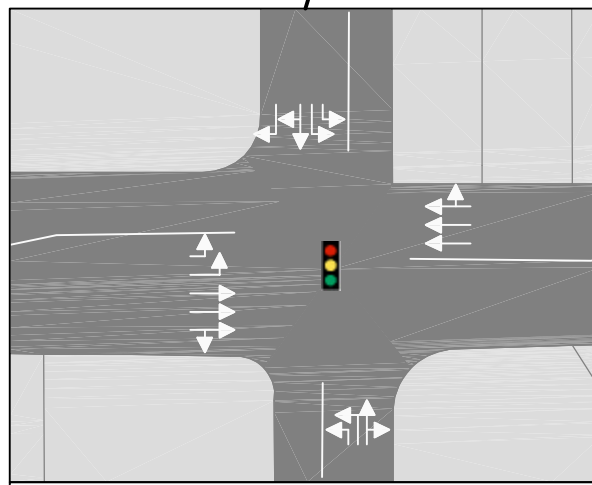
ABBOTT STREET AND LAWRENCE AVENUE



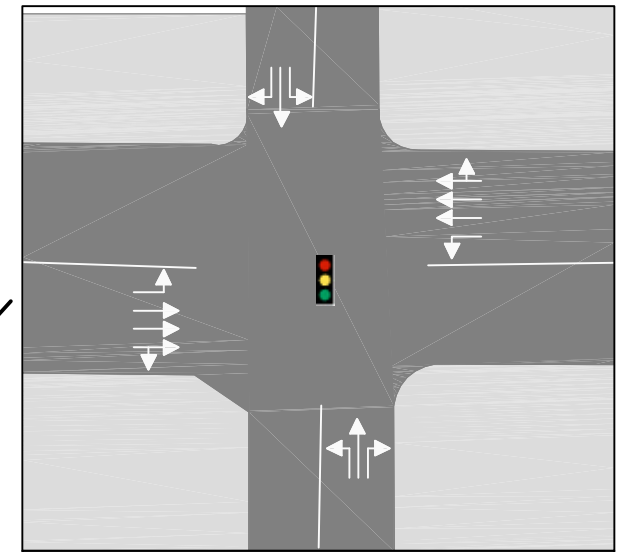
ABBOTT STREET AND LEON AVENUE



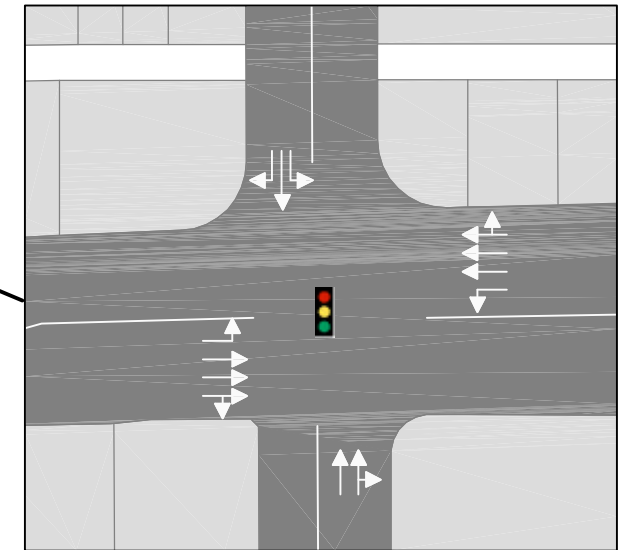
ABBOTT STREET AND HIGHWAY 97



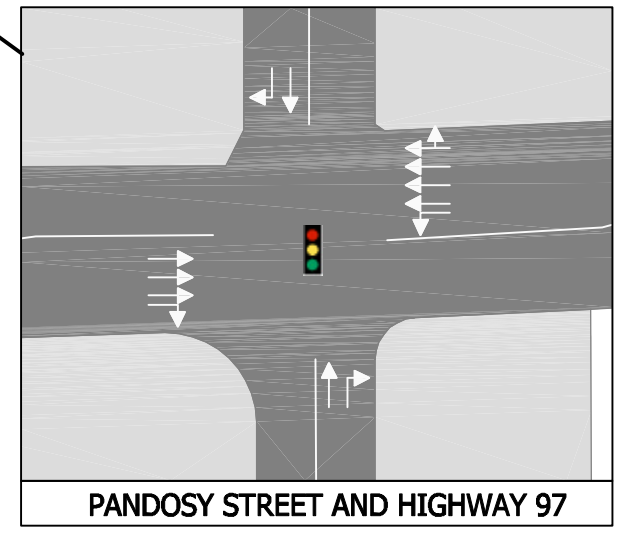
WATER STREET AND HIGHWAY 97



RICHTER STREET AND HIGHWAY 97



ELLIS STREET AND HIGHWAY 97



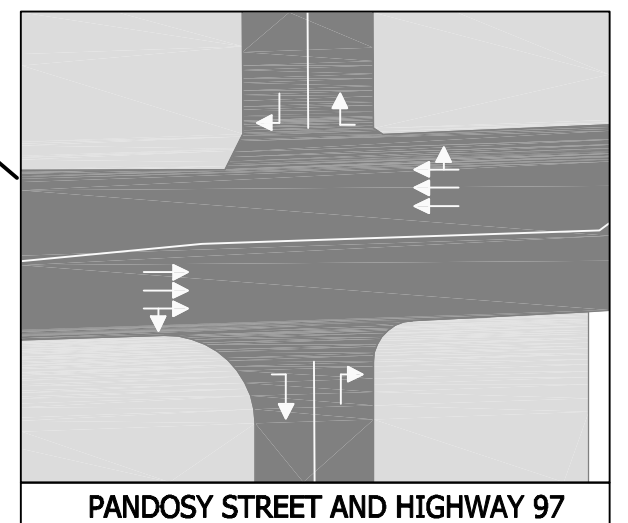
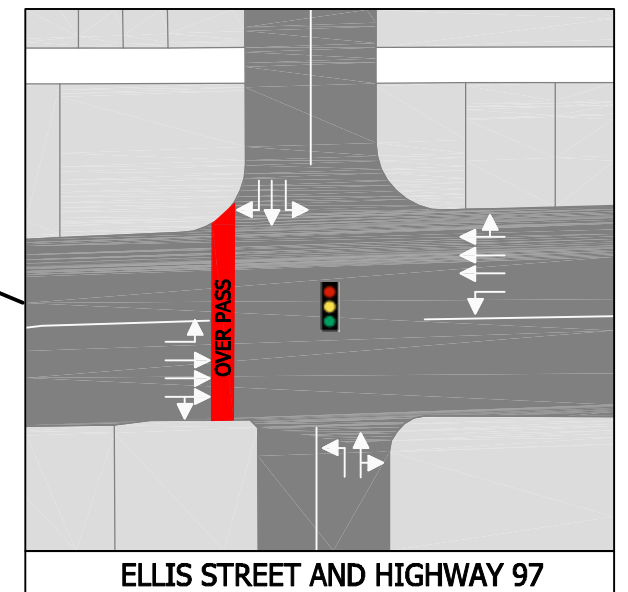
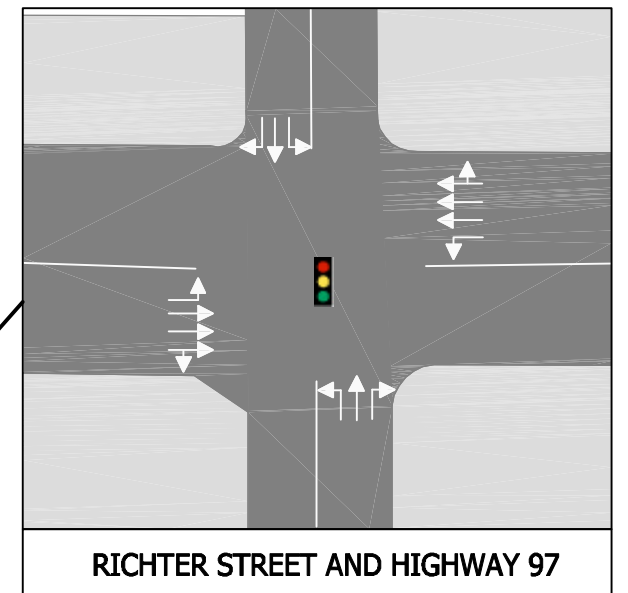
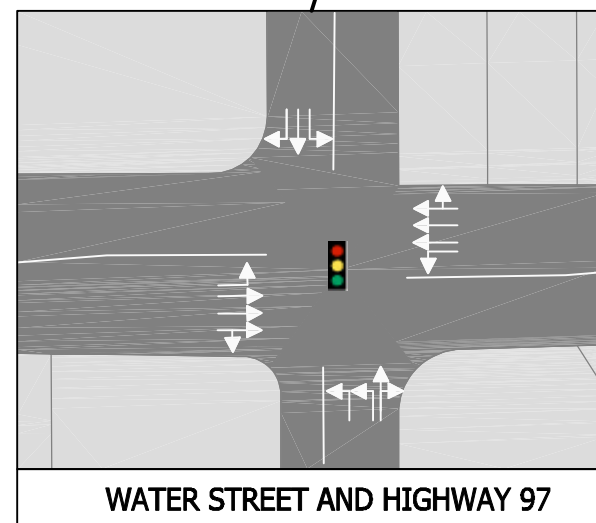
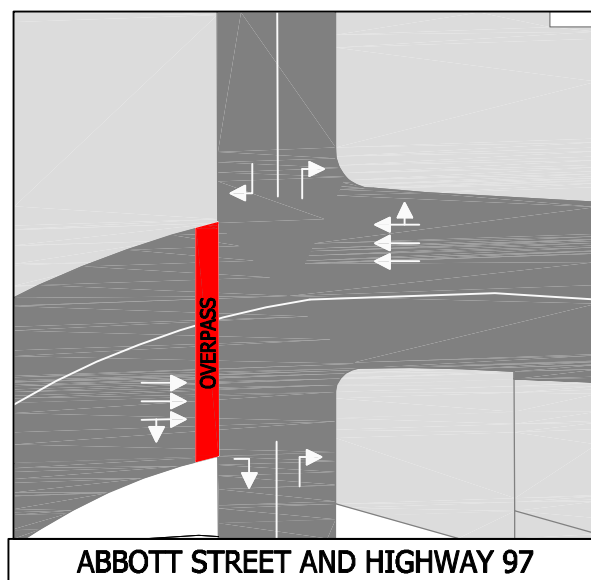
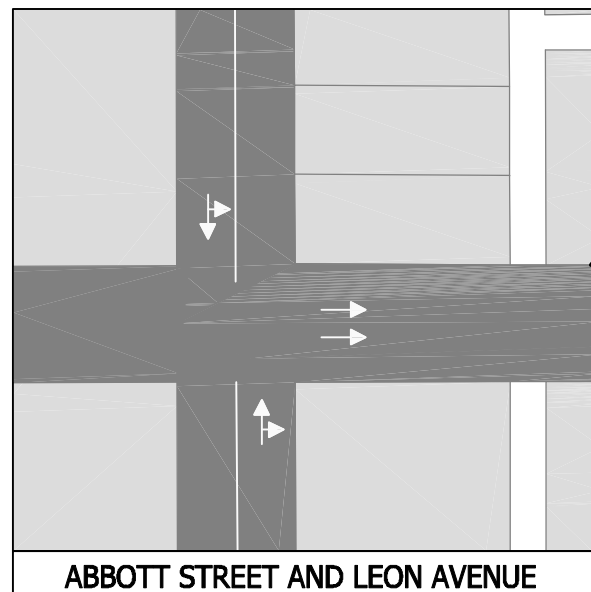
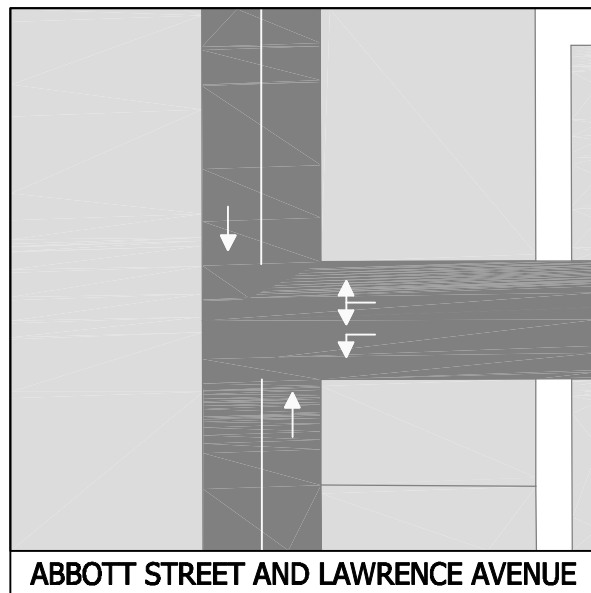
PANDOSY STREET AND HIGHWAY 97

- NEW ONE WAY LINK BETWEEN PANDOSY AND WATER
- DUAL NORTHBOUND LEFT TURNS ONTO HIGHWAY 97 AT WATER
- 4 THROUGH LANES EACH WAY ALONG HIGHWAY 97 FROM ABBOTT TO PANDOSY
- LEON AND LAWRENCE TWO-WAY TRAFFIC
- UPGRADE GORDON TO ATTRACT MISSION TRAFFIC; MAY NEED OVERPASS AT HIGHWAY
- UPGRADE ETHEL; NOT TO 4 LANES





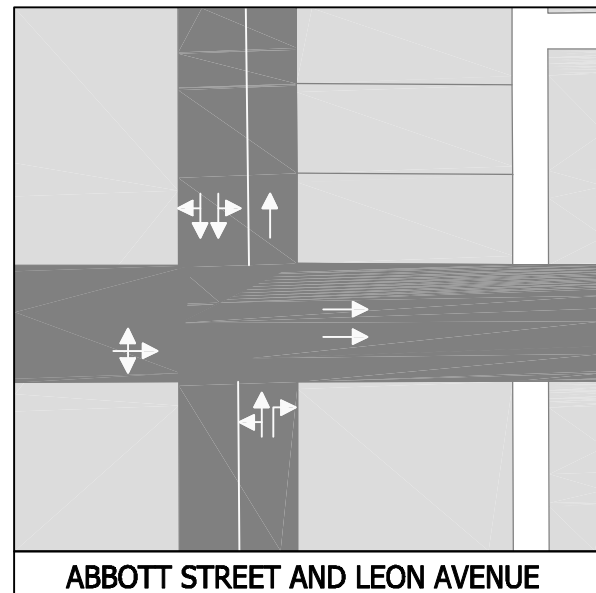
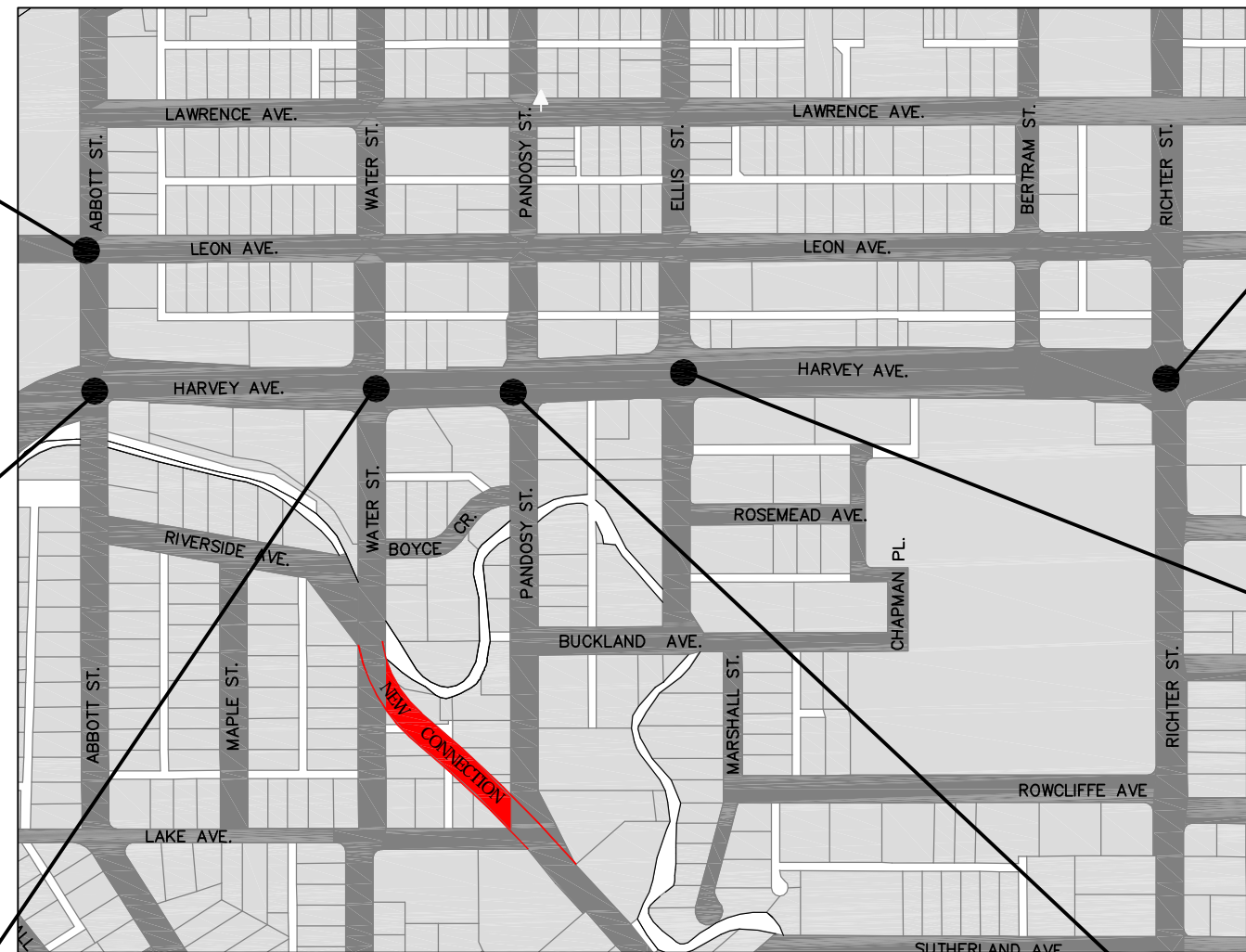
## ALTERNATIVE 18



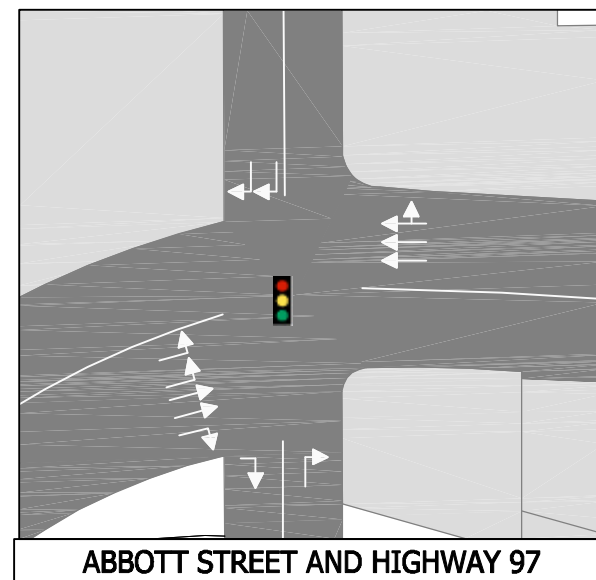
- PEDESTRIAN OVERPASSES AT ABBOTT AND ELLIS
- NEW LINK BETWEEN WATER AND PANDOSY
- DUAL NORTHBOUND LEFTS FROM WATER TO HIGHWAY 97
- RAISED MEDIAN ALONG HIGHWAY 97 AT ABBOTT AND PANDOSY3
- PROTECTED EASTBOUND LEFT AT RICHTER



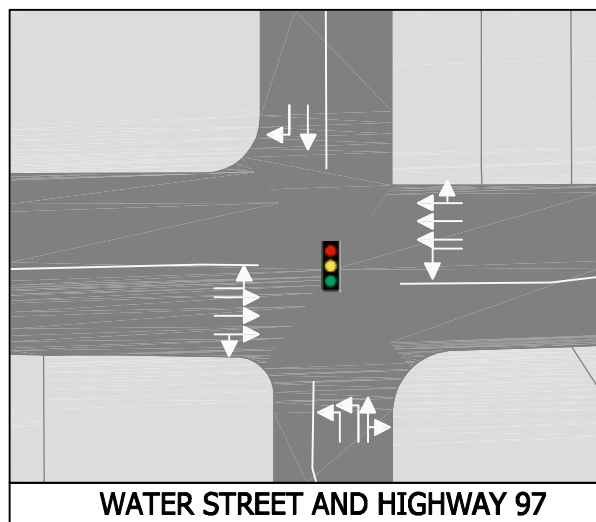
## ALTERNATIVE 19 Two-Way Water-Pandosy Link



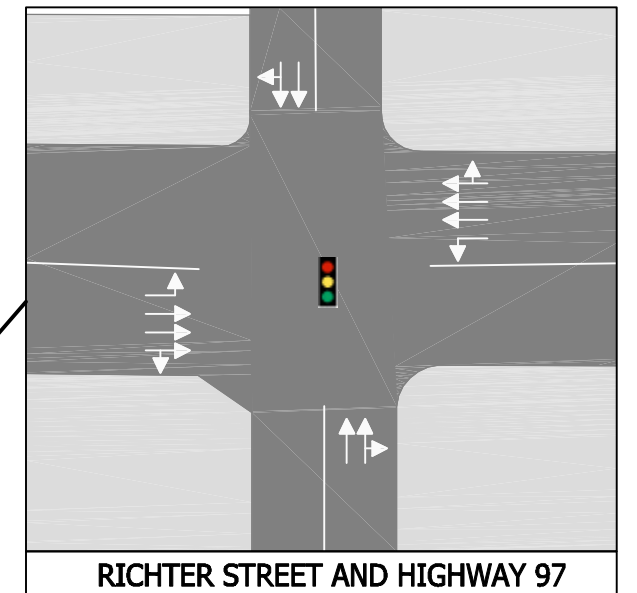
ABBOTT STREET AND LEON AVENUE



ABBOTT STREET AND HIGHWAY 97



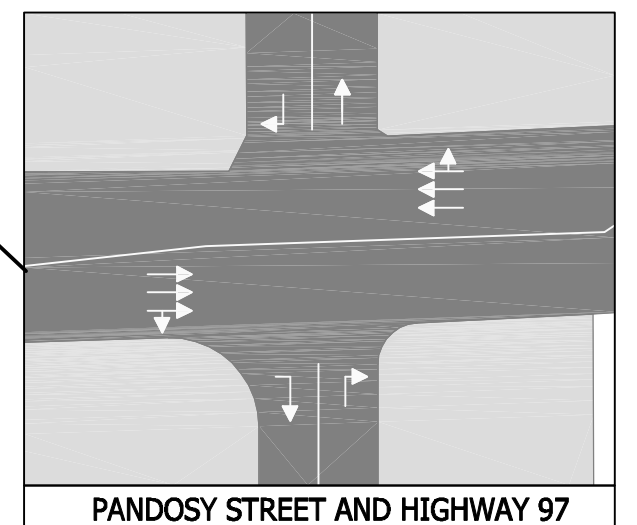
WATER STREET AND HIGHWAY 97



RICHTER STREET AND HIGHWAY 97



ELLIS STREET AND HIGHWAY 97



PANDOSY STREET AND HIGHWAY 97

- NEW CONNECTION FROM WATER TO PANDOSY
- DOUBLE LEFT NORTHBOUND ON WATER
- DOUBLE LEFT SOUTHBOUND ON ELLIS
- WESTBOUND LEFT TURN FROM 97 RESTRICTED AT ELLIS;  
USE LOOPBACK VIA PANDOSY AND LEON
- EASTBOUND LEFT TURNS AT ABBOTT AND RICHTER
- RAISED MEDIAN ALONG HIGHWAY 97 AT PANDOSY;  
RIGHT IN RIGHT OUT
- RICHTER AND PANDOSY ONE LANE EACH WAY + LEFT TURN LANE