Duane to Caribbean Sunnyvale East Canal Trail — a Valuable Recreation and Transportation Asset Inexpensively Gained

It is proposed that a class I bike pedestrian route be constructed from Duane Avenue to Caribbean. This will provide traffic free routing for the FairOaks/ Wolfe Corridor and traffic free access to light rail. Since an existing bridge is over Hwy 101 and the canal underpasses especially deep under Tasman and Hwy 237, this project can be constructed for under \$2 million. The water districts estimate is it will be extremely rare that high water should obstruct the 237 underpass only during extremely rainy periods. The normally dry canal only drains a limited part of the eastern Sunnyvale area.

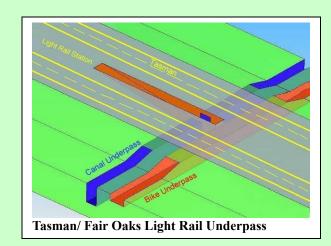






Comments on Tasman underpass:

Canal bed is 17 feet below road grade, giving room for ramp access to Light Rail station with 7 feet clearance for any posasible water below. The area at T intersection under the roadbed would be widened with post supports to give more openness and visibility for turns. The bike and canal channel under crossing could be made adjacent and open to each other to give an even more spacious feeling



Cost estimate:

Tasman underpass and VTA Light Rail station improvement. - 900k Based on 140 foot El Camino underpass at Stevens Creek. The underpass will provide much needed direct access to east end of Fair Oak light rail platform without crossing traffic or rails.

Hwy 237 underpass retaining wall and trail improvement – \$400k Bikeway bed paving for 8000 feet of canal - \$600k Duane, Moffett Park, Ahwanee street side improvements- \$50k



Duane entrance looking north



Bythe Street Crossing looking north



Room for Bikeway on south side of 101 on Ahwanee



East Canal North of Tasman - little privacy issues

