Alto Tunnel Route

Neighborhood Safety Concerns….(7)
- Chapman Meadows; Scott Hill disruptions
- Nearby homes don’t want trail
- Could pose security issue to nearby homes and people using tunnel
- Safety +++
- Neighborhood impact of construction
- Social and safety concerns
- Impacts/issues for homes on either side of tunnel and at both ends

Tunnel Safety/Security Concerns…. (8)
- Illumination and security issues
- Tunnel is under peoples homes
- Tunnel will continue to collapse if nothing is done
- Tunnel needs to be fixed and a path should be added
- Does tunnel have slight curve?
- Will tunnel be lit?
- Lighting and ventilation issues
- Potential for collapse if left alone

Direct Connection…. (10)
- Links both sides with continuous class I facility
- Direct route
- Faster than by car
- Time consideration- modal choice
- Connection to Larkspur
- Could be emergency access
- Would break barrier between communities
- Most direct and flat route, would attract more users
- Don’t need a shower after
- Emergency egress route

User Accommodation…. (17)
- Would best serve commuters and recreational users
- Only route that would be ADA (American Disabilities Act) compliant
- Only route that can really increase non-motorist users
- Could accommodate electric bikes, wheelchairs
- Great for pedestrians
- ADA (American Disabilities Act) compliant
- New tunnel could be wider (add streetcar)
- Great route for recreational riders
Would get more people on to bikes
- Mode shift
- Offers evening and night usage
- Intermediate rider- best use, no hill
- Good with children
- “no brainer” for non-experienced
- Best route to get people out of cars
- Desire for pedestrian walkway
- Usage predictions

User/Traffic Conflicts….7
- Small kids would not mix well with recreational riders
- Too many pedestrians would make it hard to bike
- Will increased bike traffic be addressed?
- All routes- education-“stop”, share the road, etc
- Issue at Tamalpais Dr/Corte Madera intersection
- Safety on Camino Alto-safer for all users-pedestrians, bicyclists and motorists
- Biking enthusiasts would crowd out children, elderly, walkers

Cost….5
- Too expensive
- Would be expensive
- Cost per user goes up
- Cost/risk of not fixing tunnel
- Wildly expensive vs. widening Camino Alto

Economic, Other Benefits….5
- Could provide positive economic impact
- Climate benefits and air quality benefits
- Property values up
- This route would be an asset to the community
- Would get people out of there cars

Right of Way….3
- Homes may encroach on public right-of-way
- Potential reversion rights in easements
- Easements tied to railroad usage

Other….3
- Tunnel already exists, use it
- Show tunnel study on map
- What do neighbors think about this
Camino Alto Route

Safety Concerns….(19)
- Need wider shoulders/ calming treatments
- Camino Alto is too scary
- Poor pavement
- Needs to be safer for bikes and autos
- Downhill is unsafe, too fast for bikes
- Deer are along route
- Gravel at turns is dangerous to riders
- Widening could make more dangerous
- Poor visibility
- Dangerous (especially uphill)
- Need wider striping (uphill)
- Uneven road surface is dangerous for riders
- Camino Alto traffic and sight and centerline issues
- Camino Alto needs better bike lanes
- Camino Alto narrow - Chapman alternative not in scope
- Wider shoulders are feasible
- Need better signage
- Mixing it up with cars is dangerous

User Accommodation….(7)
- Differentiate between serious and non-serious riders
- Will improving route increase ridership?
- Route is only for advanced riders
- Not efficient commute route
- Camino Alto experience and skill needed
- Independent living on Corte Madera side. ADA (American Disabilities Act) compliant?
- No easy access from Camino Alto to bike path

Traffic Conflicts….(6)
- Northbound congested during p.m. peak; lots of deer
- “Share the Road”
- Bikes compete with cars and Blithedale and Corte Madera intersection
- Riders go too fast because of grades
- Need bike/vehicle separation
- Road becomes congested during commute

Topography…(4)
- Camino Alto- great climb=personality
- Not as steep as Horse Hill
- Camino Alto=workout
- Too steep

Other…. (3)
- Chapman should be used as alternative route
- Concerned widening will affect private property
- Shuttle over Camino Alto

Horse Hill Route

Safety Concerns…..(5)
- Will lighting be considered?
- Pathway narrow- could cause potential conflicts
- Blind curve at low point of existing trail is dangerous
- Trail prone to landslides
- Visibility bad @ crest

Traffic Conflicts….. (7)
- Concerned about stop signs
- Casa Buena-lots of conflict points-lack of safety signage
- 3 way stop and shell road is dangerous should be a 4 way stop
- Closing non-conforming on-ramp to 101 could add more room
- Dangerous intersections/stop signs Lomita and Shell
- North end onto Meadowsweet = traffic
- Meadowsweet to bike path-dangerous

Topography…. (3)
- Unsafe; tough to traverse with kids in tow
- Unpleasant; steep and difficult to maneuver
- Can we lower grade and make it a better bike path?

User Accommodation…. (9)
- Make it ADA (American Disabilities Act) compliant
- Consider team riders for all routes
- Consider future potential riders
- Fewer on Horse Hill, why?
- Less direct, more residential traffic
- Less fun
- Horse Hill more practical=flat
- Schools – Edna and Ring
- 101 corridor as transportation route
Direct Connection…. (9)
- Least direct of three routes, convoluted route
- Northbound-difficult awkward to access Meadowsweet
- Making turn onto Meadowsweet is difficult
- Making turn onto path is difficult
- Trail is out of the way and unpleasant
- Indirect route to Magnolia
- Can’t ride bikes from Corte Madera into Mill Valley
- Disjointed route-No way finding signs
- Needs pedestrian connection from east side of Lomita to school and Community Center

Hwy 101 Noise/Sound Pollution…. (7)
- Northbound bicyclists blinded by car lights at night
- Air pollution along route, freeway noise
- Headlights from 101 are a hazard
- Noisy
- Light shield at path and better freeway separation
- Highway section unpleasant/unhealthy/noisy
- Smelly, noisy, less pretty

Other…. (4)
- Potential solution-overhang to US101
- Is it possible to make path through open space?
- Signage is very different- need more for Horse Hill
- Less known

Evaluation Criteria

Economic Impacts…. (8)
- Evaluate economic impacts to communities
- Evaluate impact routes would have on property values
- Add economic benefits
- Consider other ways money could be used
- Long term benefits
- Operations and maintenance costs
- Cost benefits of all routes including all operating and maintenance costs
- Cost of acquisition estimates

Green Benefits/Impacts…. (14)
- Cumulative impact in regards to entire north/south route
- Estimate potential to reduce auto traffic
- Evaluate potential to reduce greenhouse gases
- Add mode shift
- Sustainable
- Greenhouse gas benefit
- Compatible w/ public transit
- Mode shift
- Mode shift
- Mode shift
- Environmental impacts including climate change
- Environmental costs
- NMTPP-mode shift as criteria

**Quality of Life Impacts….**(3)
- Evaluate quality of life questions
- Evaluate enjoyment of each route
- Evaluate ability to affect/improve health

**User Accommodation….**(9)
- Evaluate estimated number of users
- Evaluate estimated types of users
- Evaluate potential for emergency egress routes
- Ability to increase usage by different users
- Most popular for bike/ped
- Open to electrical bikes
- Propensity to use
- Survey of people using tunnel
- Address community of seniors

**Other….**(8)
- Emergency access
- Bike parking
- Need for sound walls
- Connectivity to other modes
- Use study as evaluation criteria
- Property ownership/right of way
- Survey detail difficulties/issues
- Marin County - 8 criteria for bike paths
- Incorporate paradise overpass over 101 into study