

## Appendix B-8

### LAKE TAHOE RESTORATION PROJECTS ESTIMATED DIRECT COSTS & KEY MILESTONE DATES

**Project Name:** Kings Beach Commercial  
**Core Improvements**      **Agency:** FHWA (Placer County)  
**Prepared by:** Peter Kraatz      **Phone:** 530 581-6230      **EIP #:** 10060

**Identify estimated costs of eligible reimbursement expenses:**

<p><b>1. Planning, Environmental Assessment and Research Costs</b> (specialist surveys, reports, monitoring, data collection, analysis, NEPA, etc.)</p>	\$ _____	_____ %
<p><b>2. Direct Labor (Payroll) to Perform the Project</b></p>	\$ _____	_____ %
<p><b>3. Project Equipment</b> (tools, software, specialized equipment, etc.)</p>	\$ _____	_____ %
<p><b>4. Travel</b> (including per diem where official travel status required to carry out project, such as serve as COR, experts to review reports, etc.)</p>	\$ _____	_____ %
<p><b>5. Official Vehicle Use</b> (pro rata cost for use of Official Vehicles when required to carry out project)</p>	\$ _____	_____ %
<p><b>6. Cost of Contracts, Grants and/or Agreements to Perform the Project</b></p>	\$ <u>3,000,000</u>	<u>100</u> %
<p><b>7. Other Direct Costs</b> (direct labor for agency personnel to do project procurements; COR; PI; personnel assigned as NEPA lead; personnel assigned to review contracted surveys, designs/drawings, reports, etc.; project manager and/or project supervisor; and contracted costs for project manager and/or project supervisor if contracted separately)</p>	\$ _____	_____ %
<b>TOTAL*:</b>	\$ <u>3,000,000</u>	<u>100</u> %

**Estimated Key Milestone Dates:**

Milestones/Deliverables:	Date:
<b>Circulate Environmental Document</b>	<b>January 2007</b>
<b>Approve Environmental Document</b>	<b>April 2007</b>
<b>Complete PS&amp;E and R/W Acquisition</b>	<b>June 2008</b>
<b>Begin Construction</b>	<b>September 2008</b>
<b>Final Completion Date</b>	<b>October 2010</b>

**COMMENTS:**

**Separate Cost Estimate Attached (Exhibit B)**

## APPENDIX I

### ROUND 8 LAKE TAHOE CAPITAL PROJECT PROPOSAL

**Project Name:** Kings Beach Commercial Core Improvement

**EIP #:** 10060

**Focus Area:** Watershed and Habitat Improvement – Water Quality Protection  
(select from Federal Vision Focus Areas)

**Lead Agency:** Federal Highway Administration

**Contact:** Ms. Susan Klekar, Nevada Division

**Threshold:** Water Quality

**Phone Number:** (775) 687-1204

**Threshold Standard:** Storm Water Runoff

**Email Address:**

[susan.klekar@fhwa.dot.gov](mailto:susan.klekar@fhwa.dot.gov)

**Is this a multi-year Project?** Yes  
(If “Yes”, describe in the Detailed Project Description below number of years or phases and which year the requested funding will cover)

**Total Project Cost:** \$30,000,000

**Funding Request in this Round:**  
\$3,000,000

**Project Summary (maximum 200 words):**

FHWA, in conjunction with Placer County, Caltrans, TRPA and the North Lake Tahoe Resort Association, is developing a project on SR28 through the town of Kings Beach. The project will construct water quality improvements, provide bicycle and pedestrian facilities and improve the streetscape within the commercial core of Kings Beach. Funding for this request will be used for construction of various project components including sidewalks, curb and gutter, site grading, paving, and water quality improvements. Construction is anticipated to begin in 2008.

**Detailed Project Description:**

The project will construct curb, gutter, and sidewalk and water quality improvements in the Kings Beach Commercial Core. One “no build” and three “build” alternatives with varying roadway widths (one lane/direction vs. two lanes/direction) are being considered as part of the environmental document for the project (see attached Exhibit A).

A Watershed Master Plan is being developed that will provide a comprehensive approach to water quality issues in the Kings Beach watershed. The Kings Beach Commercial Core Improvement Project will implement a phase of this plan.

**Describe the goals and objectives of the project:**

The purpose of the project is to:

1. Improve water quality treatment facilities for storm water runoff.
2. Improve bicycle and pedestrian mobility within the Commercial Core area.
3. Improve the scenic and aesthetic character of the Kings Beach Commercial Core.

The need for the project is driven by the following:

1. Existing water treatment facilities do not meet TRPA or Lahontan Regional Water Quality Control Board effluent limits for target pollutants.

2. Pedestrian and Bicycle mobility is limited due to lack of facilities and space for separated travel spaces.
3. Business related infrastructure has deteriorated resulting in a degradation of the scenic qualities and thresholds established for this area.

The goals of this project are to:

1. Construct water quality treatment facilities that will meet regulatory requirements to the maximum extent practicable.
2. Construct dedicated bike lanes for bicyclists.
3. Construct sidewalks for pedestrians.
4. Provide streetscape elements (street furniture, etc) to enhance scenic qualities.
5. Enhance safety by organizing parking and providing an additional pedestrian crossing State Route 28.

**Describe the anticipated project accomplishments:**

Create a more vibrant, aesthetically pleasing commercial core that contributes fewer pollutants to Lake Tahoe and has fewer impacts on the greater physical environment of the Lake Tahoe Basin.

**Describe the “readiness” of this project to move forward (urgency, capacity, capability, Environmental documentation etc.):**

Placer County conducted a number of community meetings to define the project and to obtain input on alternatives. The County has completed all the technical environmental studies as required by CEQA, NEPA and TRPA. In addition, the County will complete a comprehensive watershed improvement project concurrently to address water quality concerns within the entire watershed. Potential impacts from the project were identified. The County has prepared an administrative draft of a joint CEQA/NEPA/TRPA Code environmental document<sup>1</sup> that is currently being reviewed by County Departments and State and Federal agencies that will play a role in the certification of the document. Following this review, a revised administrative draft is planned for release to the public in January 2007. We anticipate gaining Placer County Board of Supervisor’s approval of the document in April 2007, after which time detailed design will proceed along with needed right-of-way acquisition. Construction is anticipated to begin in Summer 2008.

With regard to fiscal readiness, the attached funding table (Exhibit B) shows commitments of a large portion of estimated project costs (approximately \$22,000,000 out of \$30,000,000 secured from eight different funding sources including Federal, State and Local). SNPLMA Rounds 5, 6 and 7 have contributed a total of \$5,175,000 to support design, ROW acquisition and construction. Even though substantial funding commitments are in place, future SNPLMA is critical to maintain the momentum and readiness of this project.

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<sup>1</sup> Otherwise referred to as Administrative Draft Environmental Assessment/Environmental Impact Report/Environmental Impact Statement for Kings Beach Commercial Core Improvement Project, September 2006.

**Describe partnerships for this project.\*\* (Include documentation):**

Placer County, North Lake Tahoe Resort Association and TRPA have all contributed funding for this project. A Steering Committee of government agencies (Placer County, Caltrans, TRPA, FHWA, Lahontan RWQCB, and California Tahoe Conservancy) and community based associations (North Lake Tahoe Resort Association, North Tahoe Transportation Management Association, League to Save Lake Tahoe, North Tahoe Business Association) as well as community members have been participating in our project development team meetings.

The Watershed Improvement Project being conducted concurrently with the commercial core project will identify water quality alternatives that are consistent with the commercial core improvements. The County is working with the Backyard Conservation Program/BMP Retrofit Program to provide technical assistance to property owners to implement BMPs on their properties upgradient of the commercial core.

In addition, the County has partnered with, and will continue to partner with, the North Tahoe Public Utility District in their sewer/waterline replacement work. UC Davis have researched previous erosion control projects constructed in the residential area gage BMP effectiveness. We will continue to work with UC Davis and incorporate their monitoring results into future water quality improvement projects identified through the Watershed Master Plan. The Watershed Master Plan encompasses a section of USFS owned land in which erosion source areas and potential mitigations will be addressed, including crossings of Griff Creek.

**Describe the project monitoring that will be implemented as part of this project including:**

- 1) **The questions the monitoring program is designed to answer**
- 2) **The monitoring approach**
- 3) **Whether this project monitoring fits into a larger monitoring or research program?**

A project-effectiveness monitoring program will be developed during the design phase to allow adaptive management. The project is encompassed within an overall watershed improvement planning effort, which will ensure that storm water improvements are consistent with the overall watershed restoration plans for the area. The size of the project will allow selective use of pilot strategies to improve water quality. In addition, previous and current monitoring efforts of existing watershed BMPs by UC Davis will be incorporated into future BMP designs resulting in appropriately sized and pollutant-targeted BMPs for the core project.

**Describe how the project results will be communicated and made-available to the public.**

Placer County has worked with a long established steering committee representing various interest groups in the area and will distribute project results through this group. We also work closely with the North Tahoe Business Association and the North Tahoe Resort Association who we keep informed regarding project status. Placer County also has a project web site that is updated frequently. Following release of the administrative draft environmental document in January 2007, a series of public meetings will be held to

further explain the project alternatives described in the environmental document. The environmental document will be made available at County offices, North Shore community libraries and hopefully on our County web site.

**Include an 8 ½ X 11 map depicting the project.**

See Exhibit A.

**Page 117 – Implementation Agreement  
Southern Nevada Public Land Management Act of 1998  
Public Law 105-263 (as amended) June 7, 2006**

**ROUND 8 SNPLMA CAPITAL PROJECT SUPPLEMENTAL INFORMATION**

Please ensure you integrate this information into your Round 8 project proposal.

**All projects must have the following minimum criteria to be considered (June 7, 2006 SNPLMA Implementation Agreement, p. 32):**

1. Qualify as an Environmental Improvement Program (EIP) project and be the responsibility of the federal government; and
2. Have a willing and ready federal sponsor;

For the Kings Beach Project qualifies as an EIP project under EIP #10060 for water quality and EIP #787 for air quality/transportation.

The Federal Highway Administration has sponsored this project since Round 5 of SNPLMA and has indicated its continued commitment to this project with the current requested round of funding.

**Projects must fit (be consistent with) into one of the focus areas and associated programs from the June 2006 Federal Vision (pp. 8-9):**

1. Watershed and Habitat Improvement
  - Threatened, Endangered and Sensitive Species
  - Watershed and Stream Environment Zone Restoration
  - Habitat Improvement
  - Water Quality Protection
  - Road and Trail Water Quality Retrofit
  - Facilities Water Quality Retrofit
2. Air Quality and Transportation\*
3. Forest Health
  - Vegetation Management
  - Fuels Management
4. Recreation and Scenic\*

- Interpretation Services
- Recreation

\* Projects from these two focus areas must demonstrate a primary resource benefit, such as water or air quality and habitat improvement.

The Kings Beach project primarily fits into the Watershed and Habitat Improvement focus area under Water Quality Protection as discussed in previous sections of the proposal. In addition, dedicated bicycle lanes and parking facilities fits this project into air quality and transportation focus area.

**Other Considerations:**

Projects that demonstrate a cumulative benefit because they are adjacent to, or enhanced by, other EIP projects.

The Kings Beach project most definitely demonstrates cumulative benefits through planned enhancements to water quality, air quality and scenic resources/community environmental thresholds identified in the EIP. Specifically, the project benefits EIP #s 10060 (water quality) and 787 (air quality). Ultimately, other water quality and fisheries projects will be constructed in the urban area upgradient of the core project area identified under EIP #s 410 (Griff Creek-Fisheries), 15 (Kings Beach Residential-Water Quality) and 733 (Kings Beach Industrial-Water Quality).

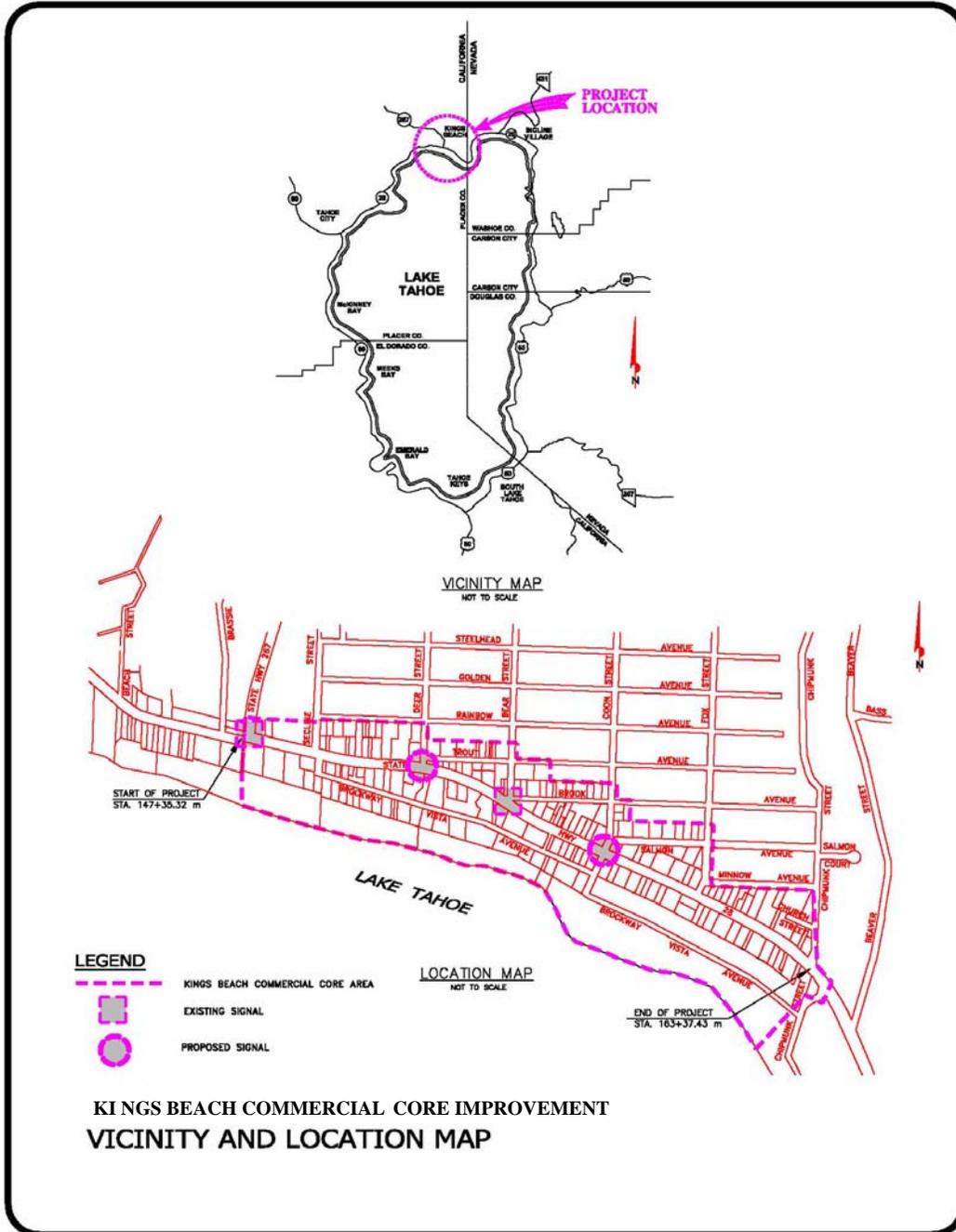
Projects that include a cost-share component from State, local or private sources.

The Kings Beach project has significant committed cost-share components from State, local and private sources as indicated in the attached funding table.

Projects that are continuing phases of previously approved SNPLMA projects.

The Kings Beach project has received previous SNPLMA funding from Rounds 5, 6 and 7 totaling \$5,175,000.

**EXHIBIT A**  
 Placer County  
 Department of Public Works



**Kings Beach Commercial Core Improvements Project  
Exhibit B**

**2006 Cost Estimate/Funding Table**

<u>Phase</u>	<u>Timing</u>	<u>Estimated Cost</u>	<u>Current Funding</u>	<u>Current Funding Type</u>	<u>Needed Funding (Approximate)</u>
PSR/Feasibility	Complete	\$512,000	\$512,000	TRPA USFS NLTRA	\$0
Water Quality Planning Study	Current to Spring 2007	\$850,000	\$698,000	CTC	\$150K +/- CTC/USFS
Environmental	Current to Spring 2007	\$1,000,000	\$979,500	NLTRA USFS STIP TEA	\$0
Design	Spring 2007 to Spring 2008	\$2,250,000	\$1,068,300 \$1,200,000	STIP SNPLMA Round 5	\$0
Right of Way	Spring 2006 to Spring 2007	\$5,000,000	\$1,942,000 \$2,775,000	STIP SNPLMA Round 6	\$580,000
Construction	Summer 2008 to Fall 2010	\$20,000,000	\$10,000,000 \$1,200,000 \$1,000,000 600,000	RDA SNPLMA Round 7 NLTRA County	\$7,200,000

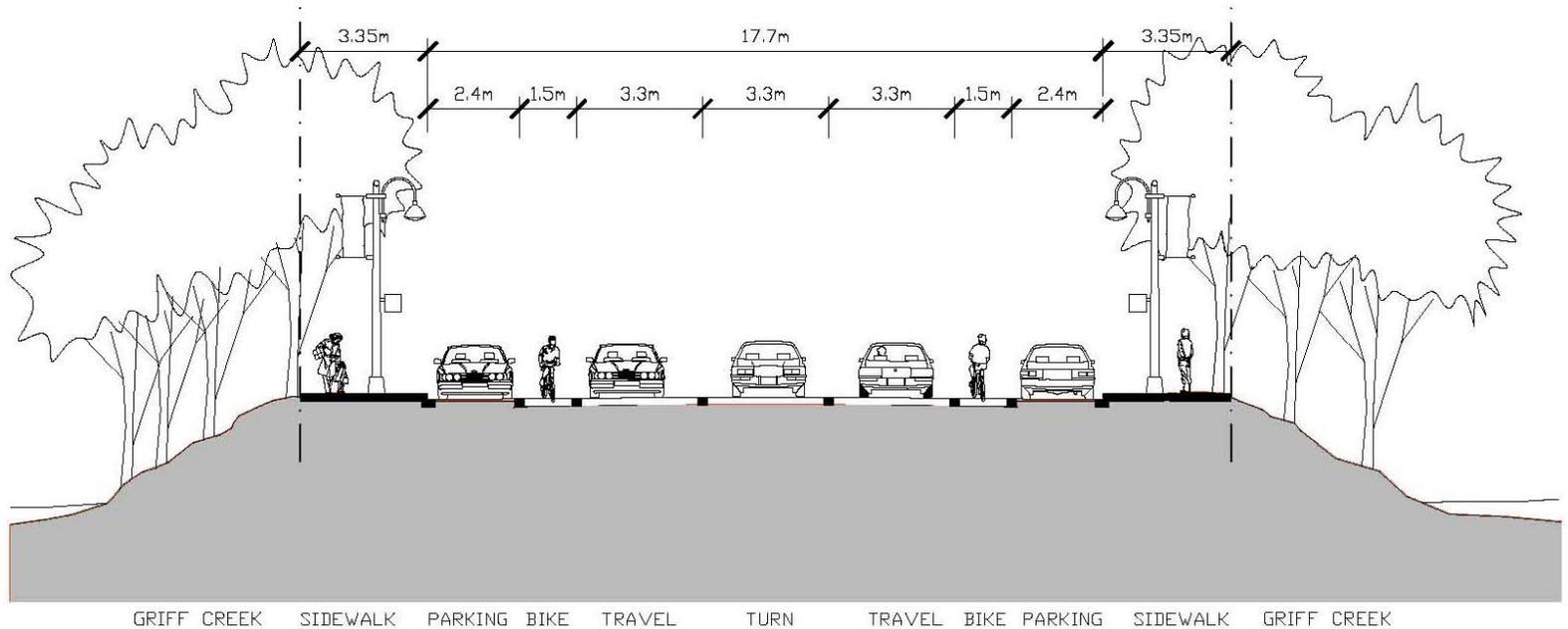
County has secured water quality grants from CTC (\$600K) and USFS (\$600K) for the Kings Beach watershed improvement project. A portion of these funds has been identified for the Kings Beach Commercial Core project. These funds are not included above but may help fund some water quality, environmental and design tasks.

# *Roadway Alternative 1*

***NO BUILD***

# *Roadway Alternative 2*

## *Three Lanes with On-Street Parking*



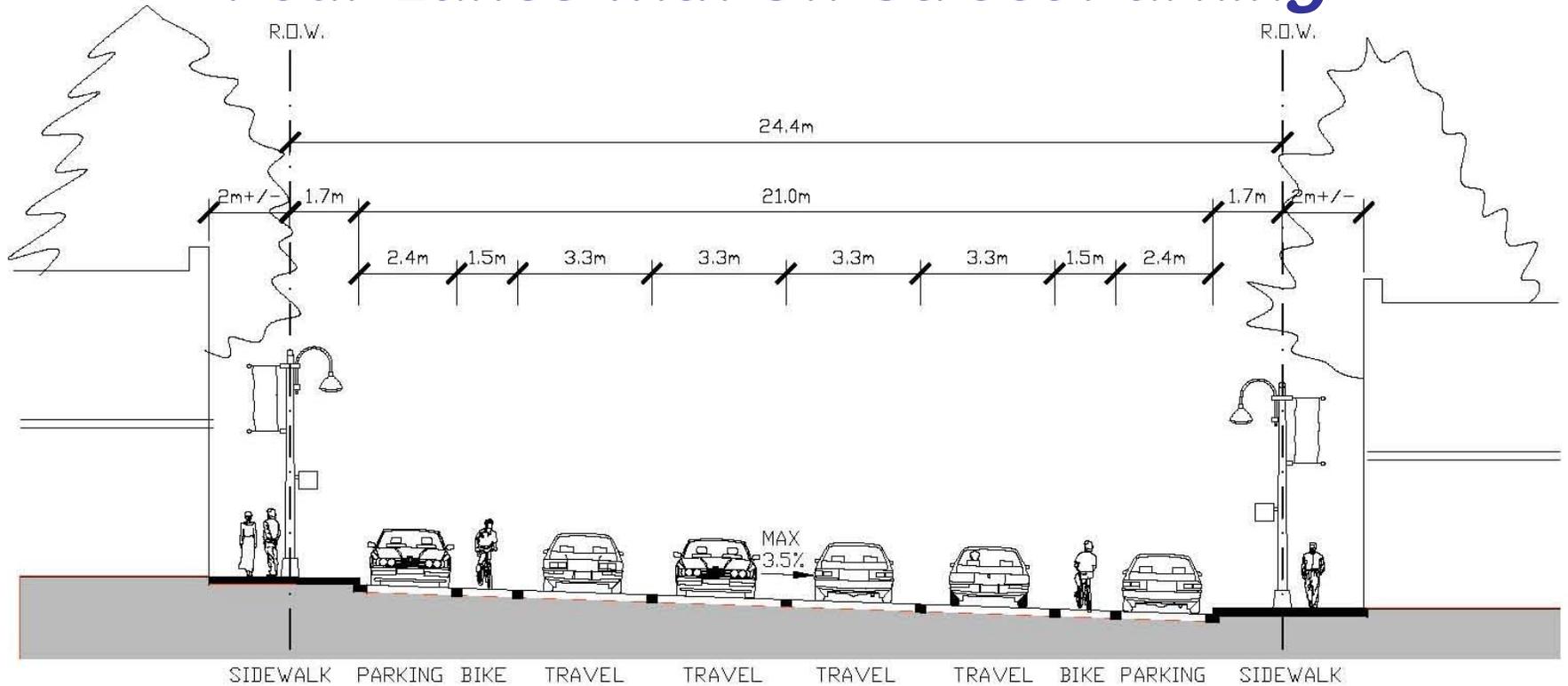
3-LANE ALTERNATIVE 1 - 267 TO SECLINE

1:100 (22"X34" PLAN SHEETS)

1:200 (11"X17" PLAN SHEETS)

# Roadway Alternative 3

## Four Lanes with On-Street Parking



A

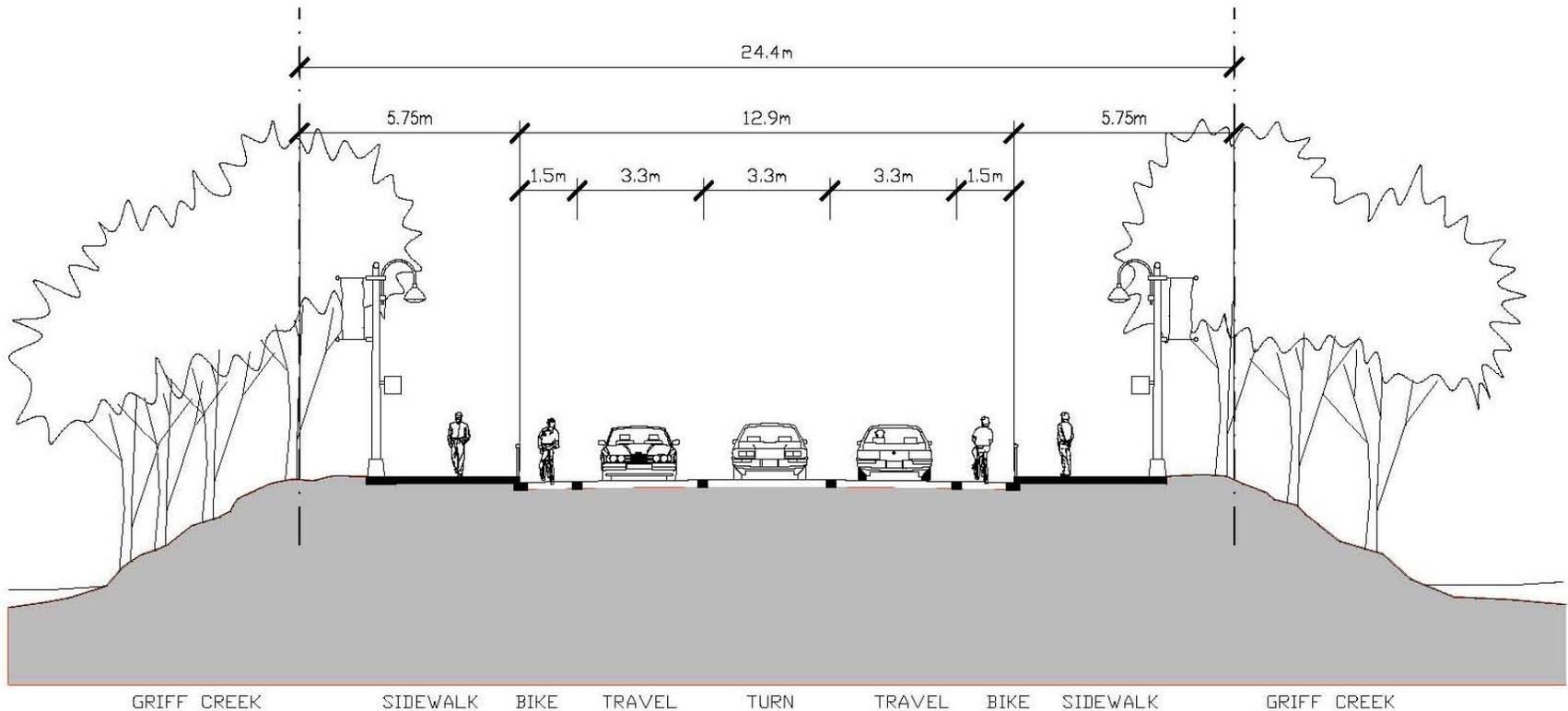
4-LANE ALTERNATIVE 2 - 267 TO CHIPMUNK

1:100 (22"X34" PLAN SHEETS)

1:200 (11"X17" PLAN SHEETS)

# Roadway Alternative 4

## Three Lanes without On-Street Parking



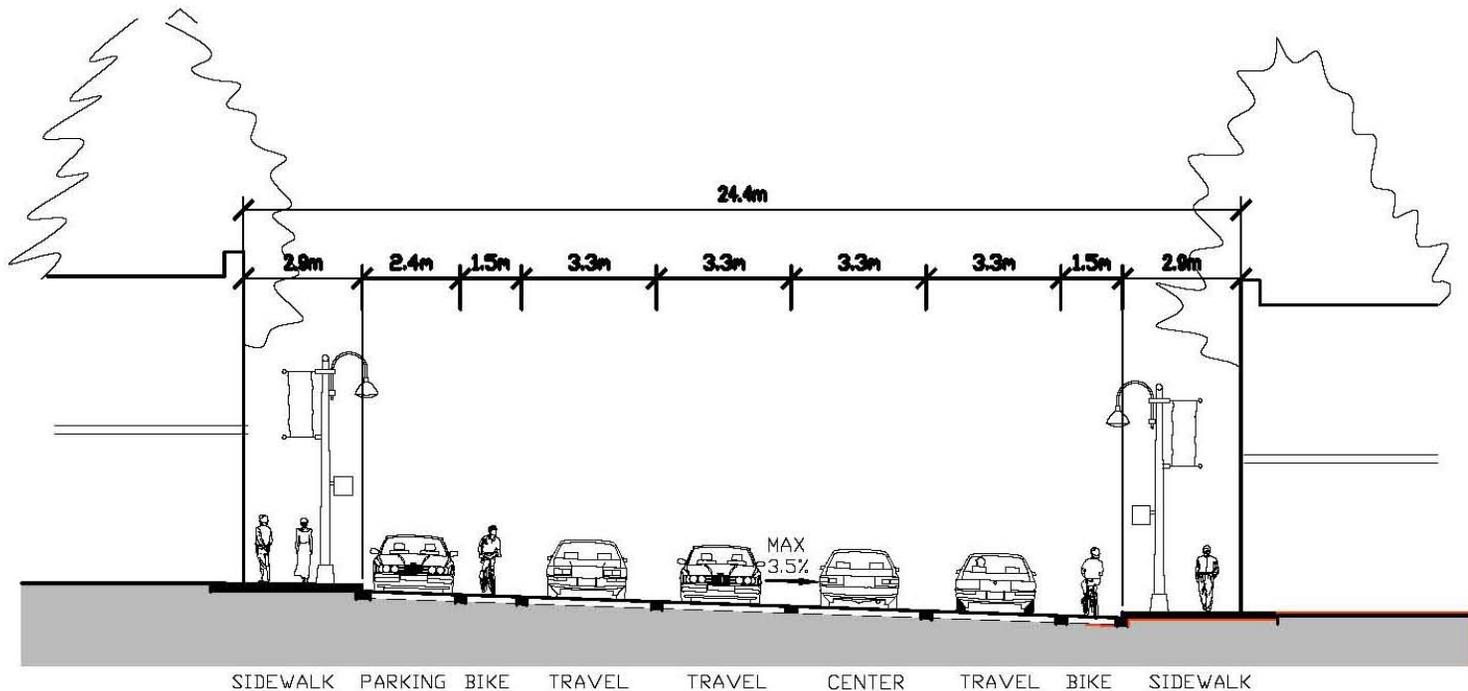
A

3-LANE ALTERNATIVE 3 - 267 TO SECLINE

1:100 (22"X34" PLAN SHEETS)  
1:200 (11"X17" PLAN SHEETS)

# Roadway Alternative Withdrawn

## Two West Bound Lanes, One East Bound Lane, One Turning Lane and North Side On-Street Parking



### A ALTERNATIVE 4 - 267 TO CHIPMUNK

1:100 (22"x34" Plan Sheets)  
1:200 (11"x17" Plan Sheets)