

APPENDIX

D CRT/PARKING POD CONFLICT ANALYSIS

The following exhibits were prepared to identify conflicts between the potential West Side Alignment of the Coastal Rail Trail and the City of Encinitas's North Coast Highway 101 Leucadia Streetscape project—which proposes to install 9 “rustic temporary parking pods” between Coast Highway 101 and the railroad tracks. The exhibits show a compromise solution where the Coastal Rail Trail and parking pods could coexist if tradeoffs were made in the designs of both facilities, including:

- Deviating from the preferred 16' width of the Coastal Rail Trail
- Modifying the design of the Coast Highway 101 project by narrowing the parking pods or converting some parking pods to on-street parallel parking

La Costa to Bishop's Gate (Pod 1)

Key Constraints:

- Overflow channel conflicts with CRT and pod
- Undergrounding channel infeasible
- Parking pod 0'-1' conflict with CRT

Option 1:

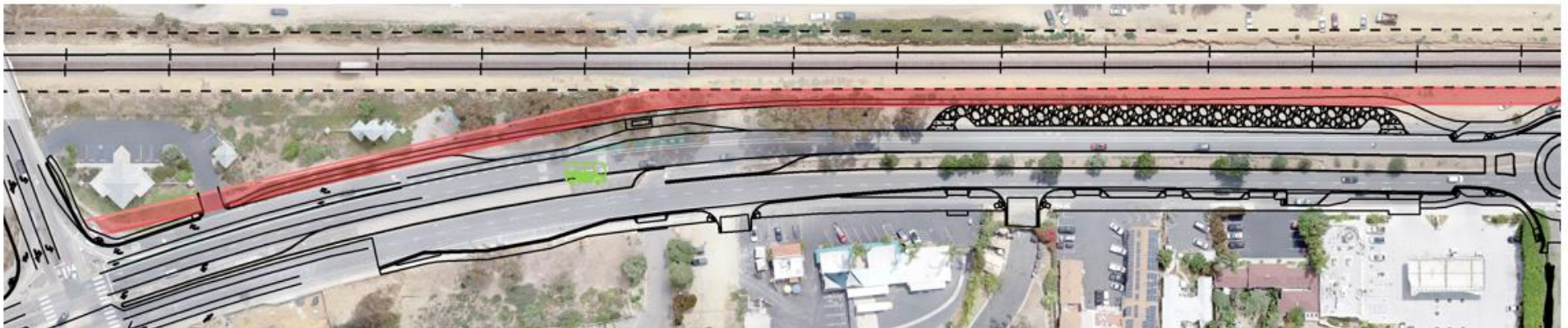
- Align CRT along east side of 101 AND
- Eliminate parking pod AND
- Move/realign bus stop

CRT Impacts	101 Impacts
- May need to reduce width	- Loss of pod & 16 parking spaces - Bus stop move/realign

Option 2:

- Avoid constraint by moving CRT to 101 at Bishop's Gate

CRT Impacts	101 Impacts
- Downgrade to Class II bike lanes	- Pod conflict with rail overflow channel



Bishop's Gate to Grandview (Pod 2)

Key Constraints:

- NCTD overflow channel
- Parking pod 3'-4' conflict with CRT
- Landscape area has up to 11'-12' available

Option 1:

- Move overflow channel into 20.5' NCTD setback AND
- Move pod west 3'-4' into landscape area AND
- Narrow CRT and/or pod by total 3'-4' at 4 tree cutouts

CRT Impacts	101 Impacts
- Reduce width 2'-3' at 4 tree cutouts	- Reduce width 1' at 4 tree cutouts - Reduce landscape area 3'-4'



Grandview to Jupiter (Pod 3)

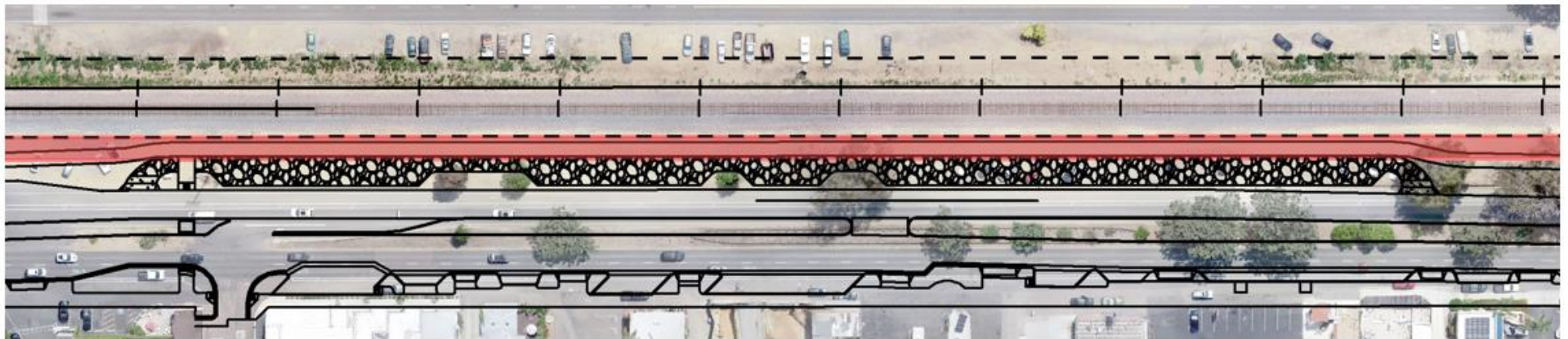
Key Constraints:

- Parking pod ~2.5' conflict with CRT
- Landscape area has up to 3' available

Option 1:

- Move pod west ~1' into landscape area OR
- Narrow drive aisle by 1' AND
- Narrow CRT ~1.5' throughout

CRT Impacts	101 Impacts
- Reduce width -1.5' throughout	- Reduce landscape area 1'



Jupiter to Phoebe (Pod 4)

Key Constraints:

- Parking pod 2'-3' conflict with CRT
- Landscape area has up to 4'-9' available

Option 1:

- Shorten pod to avoid northernmost tree AND
- Move pod west 2' into landscape area AND
- Narrow CRT by 1' AND
- Narrow CRT and/or pod by total 1'-2' at 4 tree cutouts

CRT Impacts	101 Impacts
<ul style="list-style-type: none">- Reduce width 1' throughout- Reduce width additional 1' at 2 tree cutouts	<ul style="list-style-type: none">- Loss of 2 parking spaces from shortening- Reduce landscape area 2'- Reduce width 1' at 2 tree cutouts



Phoebe to South of Diana (Pod 5)

Key Constraints:

- *Parking pod 3'-4.5' conflict with CRT*
- *Landscape area has up to 8'-9' available*

Option 1:

- *Move pod west 3'-4.5' into landscape area AND*
- *Narrow pod and/or CRT by total 3'-4.5' at 3 tree cutouts*

CRT Impacts	101 Impacts
- Reduce width 3.5' at 3 tree cutouts	- Reduce width 1' at 3 tree cutouts - Reduce landscape area



South of Diana to Leucadia (Pod 6)

Key Constraints:

- Parking pod 4'-7' conflict with CRT
- Landscape area has up to 5' available

Option 1:

- Convert pod to parallel parking on 101

CRT Impacts	101 Impacts
- No impact	- Pod converted to parallel parking

Option 2:

- Move pod west 3' into landscape area AND
- Reduce drive aisle 1' AND
- Skew pod driveways AND
- Reduce CRT 3' AND
- Eliminate tree

CRT Impacts	101 Impacts
- Reduce width 3'	- Reduce landscape area 3' - Reduce 1' from drive aisle - Skew driveways - Eliminate tree



Leucadia to Basil (Pod 7)

Key Constraints:

- Parking pod 3.5'-5' conflict with CRT
- Landscape area has 5'-6.5' available

Option 1:

- Move pod west 3'-4.5' into landscape area AND
- Narrow pod and/or CRT by total 3.5'-5' at 5 tree cutouts

CRT Impacts	101 Impacts
<ul style="list-style-type: none">- Narrow 2' throughout- Narrow 2.5'-4' at 5 tree cutouts	<ul style="list-style-type: none">- Narrow 1' at 5 tree cutouts- Reduce landscape area



Basil to El Portal (Pod 8)

Key Constraints:

- *Parking pod ~12.5' conflict with CRT*
- *Landscape area has up to 6.5' available*

Option 1:

- *Convert pod to parallel parking on 101*

CRT Impacts	101 Impacts
- No impact	- Pod converted to parallel parking

