UPDATE: PARTNERING TO IMPROVE ALTERNATIVE TRANSPORTATION

ENHANCED SERVICE ON LINES 24x/12x AND NEW LINE 28 SERVING UCSB

Tuesday, June 27, 2:30pm-3:45pm
UCSB-SBMTD PARTNERSHIP

• UCSB and Santa Barbara MTD Agreement February 18, 2014
• Expanded service on MTD Lines 24x/12x began August 2015
• New Line 28 began August 2016
• Mitigation for transportation impacts of San Joaquin Student Housing Project
• UCSB eliminated $30M+ parking structure at San Joaquin
• MTD lines meet new transit demand from student housing
• Greenhouse gas emissions reduced by eliminating SOV trips
• Approximate Cost: $1.3M annually (plus escalation)
• 10 year term
UCSB-SBMTD PARTNERSHIP

**OCEAN WALK**
154 NEW FACULTY HOMES

**SIERRA MADRE**
36 NEW FACULTY /STAFF APTS. + 506 NEW STUDENT BEDS

**SAN JOAQUIN**
1,000 NEW STUDENT BEDS
UCSB-SBMTD PARTNERSHIP

Proposed New Line 28
Effective August 22, 2016

Proposals:
- Funded by UCSB, the new Line 28 will provide frequent service between UCSB, Isla Vista, and Camino Real Marketplace.

Las propuestas:
- Financiado por la UCSB, la nueva línea 28 dará servicio frecuente entre UCSB, Isla Vista, y el Camino Real Marketplace.

Detailed schedule information will be available in early August.
805.963.3364 • info@sbmtd.gov • www.sbmtd.gov • 550 Olive Street, Santa Barbara, CA 93101

- Free for all faculty, staff & students with valid UCSB ID
- Serves new faculty, staff, student housing on North & West Campuses
- Supplements other lines nearing, or at, capacity
- Increased headways (frequency of service) between Main Campus & North & West Campuses
UCSB-SBMTD PARTNERSHIP

28-UCSB SHUTTLE

FISCAL YEAR (JUL-JUN)

ANNUAL RIDESHIP

UCSB-SBMTD PARTNERSHIP

LINE 24x/12x
ENHANCED SERVICE

Weekdays
6:30am–11:30pm

Weekends
8:15am–11:15pm
UCSB-SBMTD PARTNERSHIP

24x-UCSB EXPRESS

ANNUAL RIDESHIP

FISCAL YEAR (JUL-JUN)

FY 2009
FY 2010
FY 2011
FY 2012
FY 2013
FY 2014
FY 2015
FY 2016
FY 2017a
UCSB-SBMTD PARTNERSHIP

27-ISLA VISTA SHUTTLE

ANNUAL RIDESHIP

FISCAL YEAR (JUL-JUN)

UCSB-SBMTD PARTNERSHIP

FUEL SAVINGS FROM STUDENT MTD RIDERSHIP

FISCAL YEAR (JUL-JUN)

ANNUAL FUEL SAVINGS

FY 2015
FY 2016
FY 2017
FY 2018
FY 2019
FY 2020
UCSB-SBMTD PARTNERSHIP
AVOIED CO₂ EMISSIONS FROM MTD RIDERSHIP

FISCAL YEAR (JUL-JUN)

<table>
<thead>
<tr>
<th>Year</th>
<th>FY 2015</th>
<th>FY 2016</th>
<th>FY 2017</th>
<th>FY 2018</th>
<th>FY 2019</th>
<th>FY 2020</th>
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<tbody>
<tr>
<td>Emissions</td>
<td>3,000</td>
<td>3,200</td>
<td>3,300</td>
<td>3,400</td>
<td>3,500</td>
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"Very Rough" Energy Savings and Avoided CO2 Emissions Estimates from UCSB Student Ridemhare on MTD Lines

<table>
<thead>
<tr>
<th></th>
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<tbody>
<tr>
<td>11 - State/Hillster/UCSB</td>
<td>264,182</td>
<td>269,130</td>
<td></td>
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<tr>
<td>16a - SBCG/UCSB Express</td>
<td>54,854</td>
<td>33,048</td>
<td></td>
<td></td>
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<td></td>
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<tr>
<td>24a - UCSC Express</td>
<td>324,240</td>
<td>334,059</td>
<td></td>
<td></td>
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<tr>
<td>27 - Isla Vista Shuttle</td>
<td>273,675</td>
<td>248,944</td>
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<td>2</td>
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<tr>
<td>All Other Lines</td>
<td>83,220</td>
<td>80,922</td>
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<tr>
<td>Total UCSB Student Ridemhare</td>
<td>1,080,302</td>
<td>1,061,503</td>
<td>1,095,049</td>
<td>1,126,766</td>
<td>1,190,851</td>
<td>1,195,047</td>
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<tr>
<td>Miles on Bus Annually</td>
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<tr>
<td>11 - State/Hillster/UCSB</td>
<td>1,765,092</td>
<td>1,714,781</td>
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<tr>
<td>16a - SBCG/UCSB Express</td>
<td>562,548</td>
<td>556,489</td>
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<tr>
<td>24a - UCSC Express</td>
<td>3,262,010</td>
<td>3,310,551</td>
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<tr>
<td>27 - Isla Vista Shuttle</td>
<td>561,339</td>
<td>589,188</td>
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<td>All Other Lines</td>
<td>406,726</td>
<td>410,140</td>
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<tr>
<td>Total UCSB Student Miles on Existing Lines</td>
<td>6,554,137</td>
<td>6,561,249</td>
<td>6,882,675</td>
<td>7,079,859</td>
<td>7,289,938</td>
<td>7,605,051</td>
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<tr>
<td>Average Miles/Day</td>
<td>6.32</td>
<td>6.28</td>
<td>6.28</td>
<td>6.28</td>
<td>6.28</td>
<td>6.28</td>
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<tr>
<td>Average gallons saved/Day</td>
<td>0.31</td>
<td>0.31</td>
<td>0.31</td>
<td>0.31</td>
<td>0.31</td>
<td>0.31</td>
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<tr>
<td>Enhanced Line 24k</td>
<td>n/a</td>
<td>459.318</td>
<td>473.226</td>
<td>487.565</td>
<td>502.325</td>
<td>517.537</td>
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<tr>
<td>Average Miles/Day</td>
<td>10.00</td>
<td>10.00</td>
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<td>10.00</td>
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<tr>
<td>Average gallons saved/Day</td>
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<td>0.50</td>
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<tr>
<td>New Line 28</td>
<td>n/a</td>
<td>n/a</td>
<td>326,353</td>
<td>600,000</td>
<td>650,000</td>
<td>700,000</td>
<td>2</td>
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<tr>
<td>Average Miles/Day</td>
<td>2.00</td>
<td>2.00</td>
<td>2.00</td>
<td>2.00</td>
<td>2.00</td>
<td>2.00</td>
<td>2.00</td>
</tr>
<tr>
<td>Average gallons saved/Day</td>
<td>0.10</td>
<td>0.10</td>
<td>0.10</td>
<td>0.10</td>
<td>0.10</td>
<td>0.10</td>
<td>0.10</td>
</tr>
</tbody>
</table>

**Gallons Fuel Saved Annually**

| UCSB Student Fuel Saving/Year      | 325,217    | 333,062    | 343,149    | 353,540    | 364,247    | 375,278    |
| Enhanced Line 24k                  | n/a        | 22,066     | 23,060     | 24,139     | 25,116     | 26,877     |
| New Line 28/Year                   | n/a        | n/a        | 26,394     | 33,000     | 38,000     | 38,000     |
| UCSB Student Fuel Saving/Year      | 325,217    | 355,028    | 383,125    | 409,918    | 429,889    | 461,154    |

**Avoided CO2 Emissions (metric tons/year)**

| UCSB Student CO2 Avoided (metric tons/year) | 2,869      | 2,954      | 3,023      | 3,114      | 3,209      | 3,301      |
| Enhanced Line 24k                   | n/a        | 202        | 208        | 215        | 221        | 228        |
| New Line 28 (metric tons/year)      | n/a        | n/a        | 264        | 288        | 308        | 308        |
| UCSB Student CO2 Avoided (metric tons/year) | 2,869      | 3,114      | 3,327      | 3,509      | 3,714      | 3,941      |

* @15.42 pounds/gallon (Terrapass.com)
LINE 28 TAKEAWAYS

• 71.1 passengers per hour for Q3 of Fiscal Year 16-17
• 63.6 passengers per hour, year to date
• 126 “too full to board” loads in April 2017 alone
• Plans in the works to boost the service at peak times in fall quarter
COMING ENHANCEMENTS