CALIFORNIA DEPARTMENT OF TECHNOLOGY
707 3rd Street
West Sacramento, CA 95605
(916) 319-9223

Liana Bailey-Crimmins, Director
Jared Johnson, Chief Deputy Director

November 14, 2024

Honorable Scott Wiener, Chair
Joint Legislative Budget Committee
Senate Budget & Fiscal Review Committee
1020 N Street, Room 502
Sacramento, CA 95814

Honorable Steven Bradford, Chair
Senate Energy, Utilities & Communications Committee
1021 O Street, Suite 3350
Sacramento, CA 95814

Honorable Jesse Gabriel, Chair
Assembly Budget Committee
1021 O Street, Room 8230
Sacramento, CA 95814

Honorable Tasha Boerner, Chair
Assembly Communications & Conveyance Committee
1020 N Street, Room 169
Sacramento, CA 95814

SUBJECT: MIDDLE-MILE BROADBAND INITIATIVE REPORT – NOVEMBER 2024

Dear Senator Wiener, Senator Bradford, Assemblymember Gabriel and Assemblymember Boerner,

In accordance with Provision 5 of Item 7502-001-0001 of Chapter 35, Statutes of 2024 (Senate Bill 108), the California Department of Technology (CDT) submits this report on the Middle-Mile Broadband Initiative (MMBI).

This report presents a detailed breakdown of the standalone California Department of Transportation (Caltrans) projects planned as part of the MMBI, including the following metrics:

1. **Locations** by Caltrans district, county, MMBI region, legislative district and right-of-way.

2. **Costs** by fiscal year and funding source, with projected dates for encumbrance and expenditure of project funds.

3. **Timelines** to start and end construction, with projected activation dates.

4. **Approved or pending last-mile projects** that anticipate connection to the middle-mile network project, identified by program (i.e., the Broadband, Equity, Access, and Deployment (BEAD) program; Federal Funding Account (FFA) program; California Advanced Services Fund (CASF) program; or other federal or state broadband program).

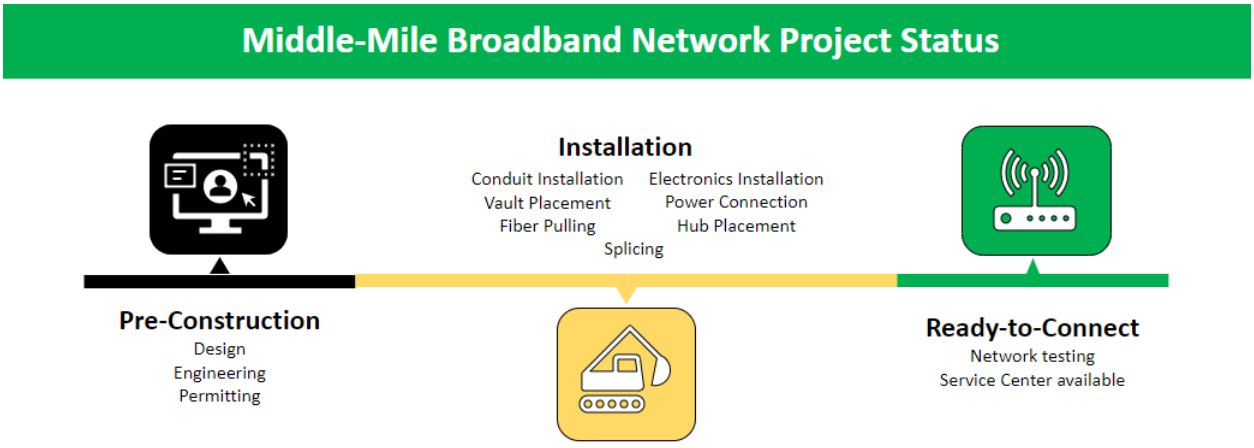
In addition to details on standalone Caltrans projects planned for the MMBI—which account for approximately 825 miles of fiber construction—this report presents details on CDT's planned use of Indefeasible Rights of Use (IRU)/leases, joint builds and purchase agreements for deployment of nearly 7,250 miles of the fiber network. These segments have been secured through the Request for Innovative Ideas (RFI^2) procurement process.

Collectively, the data on Caltrans' MMBI projects and the data on the RFI^2 projects present the most complete picture of the MMBI network.

A note on terminology

The MMBI uses the following terms to describe project activity:

- **Pre-construction** includes design, engineering and permitting activities.
- **Installation** includes conduit installation, vault placement, fiber pulling, splicing, hub placement, power connection and electronics installation.
- **Ready-to-connect** status means the network service center is established, and network testing confirms the segment is operational and secure.



To maintain alignment with the terminology stated in Provision 5 of Item 7502-001-0001 of Chapter 35, Statutes of 2024 (Senate Bill 108), the following terms are used interchangeably in this report:

- Construction and installation.
- Activation and ready-to-connect.
- Projects, routes and segments.

Throughout this report, start dates prior to September 30, 2024, are actual start dates; dates after September 30, 2024, are projected dates. Caltrans and RFI^2 partners plan to complete all projects by December 31, 2026. CDT expects to begin network activation by January 2027. Activation or ready-to-connect dates are contingent on completion of hubs and electronics, as well as CDT securing an Operations Third-Party Administrator.

Locations and Timelines: Locations by Caltrans District, County, MMBI Region, Legislative District and Right-of-Way, and Timelines to Start and End Construction, with Projected Activation

Details on MMBI's "timelines to start and end construction, with projected activation dates" are included in the following sections, Appendix A (Caltrans' standalone projects) and Appendix B (the MMBI segments to be completed through RFI^2 partnerships).

Standalone Caltrans Projects Planned as Part of the MMBI

CDT plans for Caltrans to build approximately 825 miles (comprised of about 770 miles of Caltrans build and nearly 53 miles for hub connection segments) of the MMBI's statewide Middle-Mile Broadband Network (MMBN). Caltrans will also install an anticipated 132 network hubs (which are needed approximately every 50 miles to house network electronics) as standalone projects.

Caltrans' fiber installations are divided into 82 standalone projects and subprojects within the State highway system right-of-way, across all Caltrans districts except Caltrans Districts 8 and 9.

As of September 30, 2024, Caltrans reports that about 60 fiber route miles are in the installation phase. Caltrans has completed pre-construction on approximately 200 fiber route miles, which currently are being finalized in scoping meetings with contractors. The remaining miles are in the pre-construction phase.

Caltrans also plans to complete pre-construction of approximately 110 hubs in 2025. Pre-construction efforts for the remaining hubs (about 22) will be led by CDT in collaboration with GoldenStateNet (GSN), the third-party administrator retained per SB 156 to manage the development, acquisition and construction of the statewide open access middle-mile broadband network.

The following map shows the general locations of the planned MMBN fiber routes and hubs. The table below provides a breakdown of standalone Caltrans project miles. The total estimated mileage includes hub entries (which have been reallocated from joint-build and lease miles to Caltrans construction miles). Appendix A provides further details on these projects by Caltrans district, county, MMBI region and legislative districts; the appendix also includes the total miles per project, as well as each project's planned installation start and end dates.

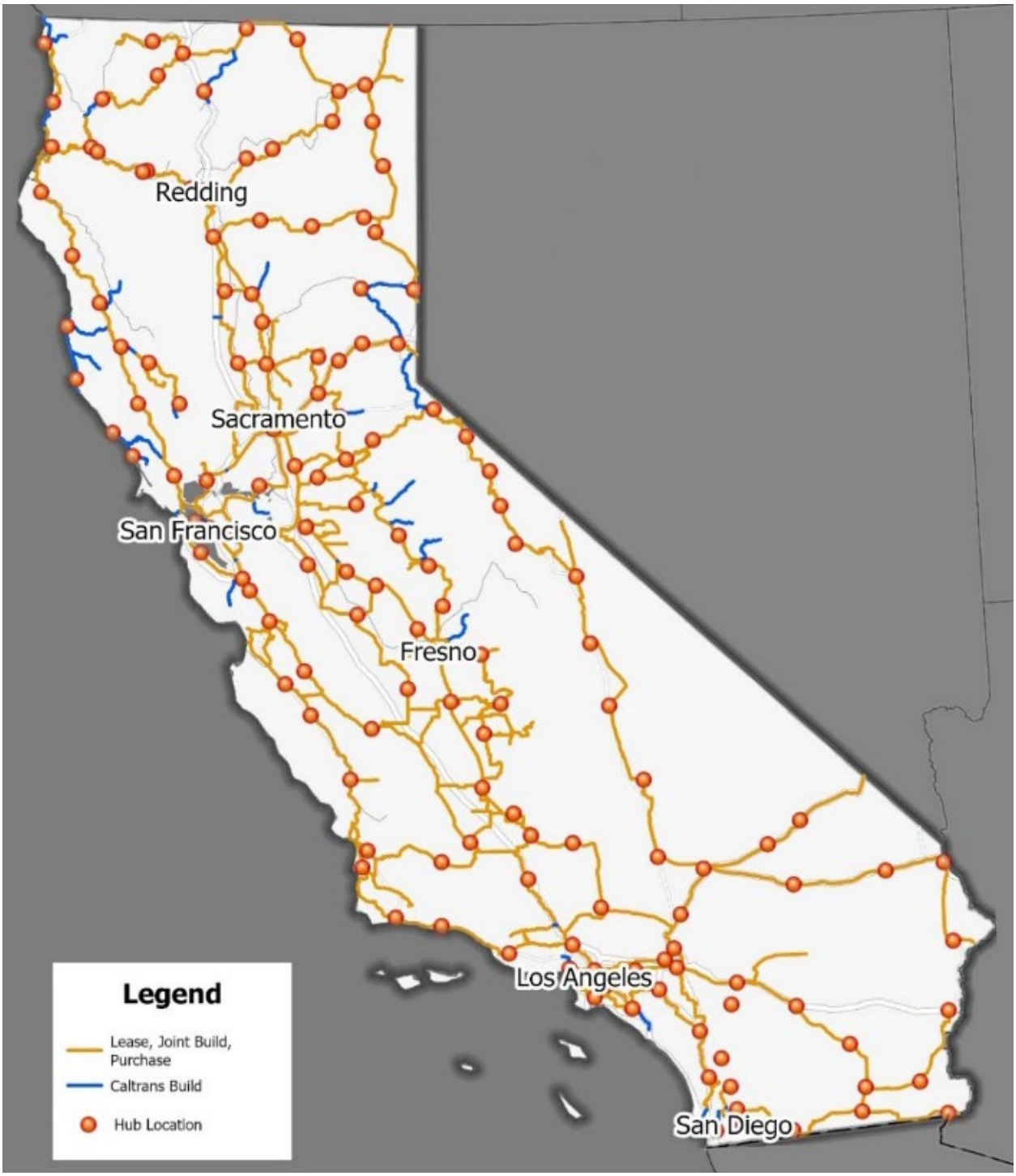


Figure 1: General Locations of MMBN Fiber Routes and Hubs

Table 1: Summary of Standalone Caltrans Projects by Caltrans District

Caltrans District	County*	MMBI Region	Congressional District	State Assembly District	State Senate District	Total Miles	Installation Start Date	Installation End Date
1	Del Norte, Humboldt, Lake, Mendocino	1	2, 4	2, 4	2	226.80	9/1/23	11/1/26
2	Lassen, Plumas, Shasta, Siskiyou	1	1, 3	1	1	86.10	3/11/24	11/1/26
3	Nevada, Sierra	1	1, 3, 5, 6, 7	1, 3, 4, 5, 6	1, 4, 8	138.86	9/7/24	10/1/26
4	Alameda, Contra Costa, Marin, Santa Clara, San Francisco, Sonoma	2	2, 4, 9, 10, 11 12, 14, 16, 17, 18	2, 11, 12, 14, 15,17, 18, 20, 23, 25, 26, 28	2, 3, 5, 7, 9, 10, 11, 13, 15	137.20	9/27/24	12/31/26
5	Santa Cruz	3	16, 19	28	15,17	2.69	3/6/25	9/30/25
6	Fresno	3	20	8	12	25.72	1/15/25	6/30/26
7	Los Angeles	4	32, 42, 44	42, 44, 46, 69	24, 27, 33, 35	16.10	8/5/24	2/21/25
8[1]	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
9[2]	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10	Calaveras, Mariposa, Tuolumne	2	5	8	4	79.52	3/15/25	11/30/26
11	San Diego	5	40, 47, 48, 49, 50, 51, 52	75, 77, 78, 79, 80	14, 18, 39, 40	42.81	9/27/24	10/31/25
12	Orange	4	40, 47, 49	71, 72, 73, 74	37, 38	15.10	12/30/24	7/30/25
	Additional miles for hub connection segments					52.70	TBD	12/31/26
Total						**823.60**		

***** Counties in this table are only those with Caltrans construction miles. Counties with RFI[2] miles are reflected in the following section and in Appendix B.

RFI[2] Partner Projects Planned as Part of the MMBI

The MMBI has utilized IRUs (leases), joint builds and purchase agreements, where feasible, to optimize cost-effectiveness. As a result of these partnerships developed through the RFI[2] procurement process, CDT has secured approximately 7,250 miles of the network.

Of the approximately 7,250 miles, nearly 3,700 miles have been secured through leases from Boldyn Networks (Boldyn); CVIN; Digital 299/Trans Pacific Network (TPN); Lumen Technologies (Lumen); and Yurok Telecommunications (Ytel). About 2,990 miles have been secured through

[1] District 8 segments will be completed through RFI[2] partnerships.
[2] District 9 segments will be completed through RFI[2] partnerships.

joint-build partnerships between CDT and American Dark Fiber (ADF); Arcadian Infracom (Arcadian); Caltrans SR67 (SR67); Hoopa Valley Public Utilities District (Hoopa Valley); Lumen; Siskiyou Telephone Company (SiskiyouTel); Vero Networks (Vero); and Zayo Group (Zayo). Another 425 miles of MMBN fiber is being secured through the purchase of Digital 395 (D395). CDT anticipates finalizing approximately 135 additional miles of partnerships by the end of 2024.

CDT expects that more than 3,000 miles of fiber from RFI^2 partners will be in the installation phase by the end of 2024. Approximately 1,800 miles of the partners' segments are in the installation phase as of the date of this report.

Recent activity related to RFI^2 partnerships includes the following:

- In July 2024, CDT signed a lease agreement with Ytel covering approximately 47 miles in Northern California via two network segments from Orick to Crescent City. Ytel expects to start construction on this span in the 4th quarter of 2024.

- In August 2024, CDT signed a joint-build partnership with ADF to build more than 380 miles of MMBI network infrastructure across 13 counties.

- In September 2024, CDT signed a lease contract amendment with CVIN for approximately 160 additional miles through San Luis Obispo, Santa Barbara and Kern counties. With these additional segments, CVIN is now assigned about 2,700 miles of the network, half of which are new-build miles and half of which already exist.

The following table provides a breakdown of planned project miles by RFI^2 partners. Appendix B includes further details on the projects by Caltrans district, county, MMBI region and legislative districts, as well as total miles per segment and each segment's installation start and end dates. (Right-of-way data are not available for these segments; partners will have project miles both within and outside the right-of-way.)

Table 2: Planned MMBN Fiber Miles by RFI^2 Partner

Partner	County	MMBI Region	Congressional District	State Assembly District	State Senate District	Total Miles	Installation Start Date	Installation End Date
American Dark Fiber (Joint Build)	Imperial, Lake, Lassen, Los Angeles, Plumas, Riverside, San Bernardino, San Diego, Tehama, Ventura, Yolo,	1, 4, 5	1, 2, 3, 4, 23, 25, 26, 27, 29, 32, 41, 48, 51	1, 2, 3, 4, 34, 36, 38, 40, 42, 43, 47, 75, 78	1, 2, 3, 18, 19, 20, 27, 40	380.20	8/21/24	7/1/26
Anticipated (Joint Build)	TBD	TBD	TBD	TBD	TBD	132.30	TBD	TBD

Partner	County	MMBI Region	Congressional District	State Assembly District	State Senate District	Total Miles	Installation Start Date	Installation End Date
Arcadian (Joint Build)	Alameda, Contra Costa, El Dorado, Humboldt, Los Angeles, Marin, Mendocino, Nevada, Placer, Sacramento, San Bernardino, Santa Clara, San Joaquin, Sonoma	1, 2, 3, 4, 5, 10	3, 5, 6, 7, 8, 9, 10, 14, 16, 17, 18, 19, 23, 25, 28, 31, 33, 34, 35	1, 5, 6, 7, 9, 10, 11, 15, 16, 20, 24, 25, 34, 36, 39, 41, 45, 48, 49, 50, 52, 54, 56	1, 3, 4, 5, 6, 7, 8, 10, 15, 17, 18, 21, 22, 23, 25, 26	1,004.30	3/31/25	12/31/26
Caltrans SR67 (Joint Build)	San Diego	5	48	75	40	18.20	10/13/22	8/30/24
Hoopa Valley (Joint Build)	Humboldt	1	2	2	2	22.60	4/1/25	11/26/26
Lumen (Joint Build)	Alameda, Colusa, Contra Costa, Fresno, Glenn, Imperial, Kern, Madera, Merced, Kings, Los Angeles, Napa, Riverside, Sacramento, San Diego, San Joaquin, Shasta, Solano, Stanislaus, Tulare, Tehama, Yolo	1, 2, 3, 4, 5	1, 4, 5, 7, 8, 9, 12, 13, 20, 21, 22, 23, 25, 27, 30, 32, 33, 34, 35, 36, 37, 38, 40, 41, 42, 43, 44, 45, 46, 47, 48, 50, 51	1, 3, 4, 6, 8, 9, 10, 11, 13, 14, 15, 18, 22, 27, 31, 32, 33, 34, 35, 36, 39, 41,42, 45, 50, 51, 53, 54, 55, 56, 57, 58, 59, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 73, 75, 76, 78	1, 3, 4, 5, 6, 8, 9, 12, 14, 16, 18, 21, 22, 23, 24, 26, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 39, 40	1,180.50	3/25/24	3/28/26
SiskiyouTel (Joint Build)	Siskiyou	1	1, 2	1, 2	1, 2	163.90	11/1/24	12/31/26
Vero (Joint Build)	Humboldt	1	2	2	2	23.80	5/3/23	9/30/25
Zayo (Joint Build)	Lassen, Modoc, Sierra	1	1, 3	1	1	193.80	2/12/24	12/31/24
Anticipated Partnership (Lease)	TBD	TBD	TBD	TBD	TBD	3.10	TBD	TBD

Partner	County	MMBI Region	Congressional District	State Assembly District	State Senate District	Total Miles	Installation Start Date	Installation End Date
Boldyn (Lease)	Alameda, Contra Costa, San Francisco	2	8, 10, 11, 12, 14, 15, 17	14, 16, 17, 18, 19, 20, 21, 24	7, 9, 10, 11, 13	81.50	10/18/23	5/30/25
CVIN (Lease)	Alpine, Amador, Butte, Calaveras, Colusa, El Dorado, Fresno, Glenn, Kern, Kings, Lassen, Los Angeles, Madera, Mariposa, Merced, Modoc, Mono, Monterey, Nevada, Placer, Sacramento, San Francisco, San Joaquin, San Mateo, Santa Cruz, Shasta, Siskiyou, Solano, Stanislaus, Sutter, Tehama, Tulare, Tuolumne, Yolo, Yuba	1, 2, 3, 4	1, 3, 4, 5, 6, 7, 8, 9, 13, 15, 18, 19, 20, 21, 22, 24, 26, 27, 29, 30, 34	1, 3, 4, 5, 6, 8, 9, 11, 13, 17, 21, 22, 23, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 37, 38, 40, 43, 44, 52, 54, 57	1, 3, 4, 5, 6, 8, 12, 14, 16, 17, 19, 20, 21, 25, 26, 27, 28	2,697.20	3/1/24	12/16/26
Lumen (Lease)	Imperial, Los Angeles, Monterey, Napa, Riverside, San Benito, San Bernardino, San Francisco, San Luis Obispo, San Mateo, Santa Clara, Santa Barbara, Ventura	2, 3, 4, 5	4, 11, 15, 16, 17, 18, 19, 23, 24, 25, 26, 27, 33, 39, 41, 48	4, 17, 19, 21, 23, 25, 26, 28, 29, 30, 34, 36, 37, 38, 39, 40, 42, 47, 50, 58, 60, 63, 71	3, 10, 11, 13, 15, 17, 18, 19, 21, 23, 27, 31, 32	700.40	5/20/24	12/16/26
TPN -299 (Lease)	Humboldt, Shasta, Trinity	1	1, 2	1, 2	1, 2	170.90	1/1/24	12/31/24
Ytel (Lease)	Del Norte, Humboldt	1	2	2	2	46.50	12/1/24	10/1/25
Digital 395 (Purchase)	Inyo, Kern, Mono, San Bernardino	2, 3, 5	20, 23, 3	32, 34, 8	4, 12	423.10	10/31/24	10/31/24
Total						**7,242.30**		

Costs by Fiscal Year and Funding Source, with Projected Dates for Encumbrance and Expenditure of Project Funds

The following tables present the MMBI's costs by fiscal year and funding source (i.e., American Rescue Plan Act (ARPA) State Fiscal Recovery Funds (SFRF) and the General Fund), with projected dates for encumbrance and expenditure (liquidation) of project funds.

In addition to these funding sources, in 2023, CDT was awarded grant funding of $73 million by the National Telecommunications and Information Administration (NTIA). These funds were received pursuant to an Enabling Middle Mile Broadband Infrastructure grant application and are designated for specific segments of the network that CDT committed to build. The $73 million NTIA grant, administered by the National Institute of Standards and Technology (NIST), required a $118 million match from the General Fund appropriated for the MMBI project. CDT expects to complete its first partial drawdown of NTIA funds before the end of the 2024 calendar year. Appendix E presents a budgetary history of the MMBI.

Table 3: MMBI Encumbrances (Actual and Projected, 7/1/2021 – 12/31/2026)

	SFRF	General Funds	NTIA	Total
RFI[2] Partnerships	$1.329B	$1.031B	$0.030B	$2.389B
Caltrans	$0.604B	$0.118B	$0.042B	$0.764B
CDT (Administration)	$0.235B	$0.068B	$0	$0.303B
CDT (Materials)	$0.195B	$0.220B	$0.001B	$0.416B
Total Encumbrances	**$2,363B**	**$1,437B**	**$0.073B**	**$3.873B**

Table 4: MMBI Expenditures (Actual and Projected, 7/1/2021 – 12/31/2026)

	SFRF	General Funds	NTIA	Total
RFI[2] Partnerships	$1.329B	$1.031B	$0.030B	$2.389B
Caltrans	$0.604B	$0.118B	$0.042B	$0.764B
CDT (Administration)	$0.235B	$0.068B	$0	$0.303B
CDT (Materials)	$0.195B	$0.220B	$0.001B	$0.416B
Total Expenditures	**$2,363B**	**$1,437B**	**$0.073B**	**$3.873B**

Table 5: MMBI Encumbrances and Expenditures – SFRF (Actual and Projected)

SFRF						
	FY2021/22 – Actuals		**FY2022/23 – Actuals**		**FY2023/24 – Actuals**	
	Encumbrance	**Expended**	**Encumbrance**	**Expended**	**Encumbrance**	**Expended**
RFI[2] Partnerships	$0	$0	$0.040B	$0.040B	$1.290B	$0.630B
Caltrans	$0.010B	$0.010B	$0.140B	$0.140B	$0.460B	$0.140B
CDT (Administration)	$0.010B	$0.010B	$0.030B	$0.030B	$0.190B	$0.030B
CDT (Materials)	$0	$0	$0.030B	$0.030B	$0.160B	$0.040B
SFRF Total	**$0.020B**	**$0.020B**	**$0.240B**	**$0.240B**	**$2.090B**	**$0.840B**
SFRF						
	FY2024/25 – Projection		**FY2025/26 – Projection**		**7/1/26 – 12/31/26 – Projection**	
	Encumbrance	**Expended**	**Encumbrance**	**Expended**	**Encumbrance**	**Expended**
RFI[2] Partnerships	$0	$0.230B	$0	$0.270B	$0	$0.150B
Caltrans	$0	$0.320B	$0	$0	$0	$0
CDT (Administration)	$0	$0.070B	$0	$0.060B	$0	$0.020B
CDT (Materials)	$0	$0.050B	$0	$0.050B	$0	$0.030B
SFRF Total	**$0**	**$0.680B**	**$0**	**$0.380B**	**$0**	**$0.200B**

Table 6: MMBI Encumbrances and Expenditures – General Funds (Actual and Projected)

General Funds						
	FY2021/22 – Actuals		**FY2022/23 – Actuals**		**FY2023/24 – Actuals**	
	Encumbrance	**Expended**	**Encumbrance**	**Expended**	**Encumbrance**	**Expended**
RFI[2] Partnerships	$0	$0	$0	$0	$0.530B	$0.180B
Caltrans	$0	$0	$0	$0	$0.120B	$0
CDT (Administration)	$0	$0	$0	$0	$0.010B	$0
CDT (Materials)	$0	$0	$0	$0	$0.220B	$0.030B
General Funds Total	**$0**	**$0**	**$0**	**$0**	**$0.880B**	**$0.200B**
General Funds						
	FY2024/25 – Projection		**FY2025/26 – Projection**		**7/1/26 – 12/31/26 – Projection**	
	Encumbrance	**Expended**	**Encumbrance**	**Expended**	**Encumbrance**	**Expended**
RFI[2] Partnerships	$0.500B	$0.350B	$0	$0.320B	$0	$0.190B
Caltrans	$0	$0.060B	$0	$0.060B	$0	$0
CDT (Administration)	$0.060B	$0.030B	$0	$0.020B	$0	$0.010B
CDT (Materials)	$0	$0.080B	$0	$0.080B	$0	$0.040B
General Funds Total	**$0.560B**	**$0.510B**	**$0**	**$0.480B**	**$0**	**$0.240B**

Approved or Pending Last-Mile Projects that Anticipate Connection to the Middle-Mile Network

BEAD, FFA and CASF Programs

This section documents approved and pending last-mile projects that plan to connect to the MMBN and are funded by the California Public Utilities Commission's (CPUC) FFA and CASF programs. The window for applying to the BEAD Program has not opened as of the date of this report, so no BEAD projects are included in this report.

The FFA, CASF and BEAD programs are administered by the CPUC and are intended to fund last-mile broadband infrastructure projects to connect Californians:

- **FFA** is an approximately $2 billion grant program for last-mile broadband infrastructure projects to connect unserved Californians in accordance with Senate Bill 156 (Chapter 112, Statutes of 2021).[3]

- The **CASF Broadband Infrastructure Grant Account** is part of the CASF program focused on broadband deployment to expand last-mile infrastructure.[4]

- **BEAD**, administered by the CPUC under NTIA's direction, is a $1.86 billion grant program to expand last-mile high-speed internet access.[5]

Senate Bill 164 (Committee on Budget and Fiscal Review, Chapter 41, Statutes of 2024) mandates that CDT prioritize the deployment of MMBN segments that connect to last-mile projects funded through the FFA, CASF and BEAD grant programs. CDT plans to use a range of partnerships to enable the MMBN to reach these locations. As of October 1, 2024, all 105 of the qualifying and committed FFA applications that committed to using the MMBN are included in the planned MMBN.

The table below summarizes CPUC-provided data on FFA applications received, approved and recommended, as well as relevant CASF awards,[6] and their anticipated commitments to connect to the MMBI's statewide network, as of October 1, 2024.

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[3] "Last Mile Federal Funding Account, " CPUC, https://www.cpuc.ca.gov/industries-and-topics/internet-and-phone/broadband-implementation-for-california/last-mile-federal-funding-account.
[4] "CASF Broadband Infrastructure Grant Account," CPUC, https://www.cpuc.ca.gov/industries-and-topics/internet-and-phone/california-advanced-services-fund/casf-infrastructure-grant.
[5] "California Broadband Equity, Access, and Deployment (BEAD) Program," CPUC, https://www.cpuc.ca.gov/industries-and-topics/internet-and-phone/broadband-implementation-for-california/bead-program.
[6] CASF Infrastructure Account awards in 2024.

Table 7: Total CASF and FFA Applications

Program	Total Number of Applications	Applications Committed to Connect to the MMBI	Applications NOT Committed to Connect to the MMBI	Pending Applications		Awarded
				Application Received	Approval Proposed (Recommended)	Awarded By Commission
CASF	6	1	5	0	0	6
FFA	483	107	376	415	9	59
Total	**489**	**108**	**381**	**415**	**9**	**65**

Appendix C includes supporting tables documenting:

- Total FFA applications and awards and CASF awards (by program).
- Total FFA applications and awards and CASF awards (by program) that have committed to connect to the MMBI.

Other Federal or State Broadband Programs

In addition to the FFA, CASF and BEAD programs, other federal and State funding programs (grants and loans) may support "approved or pending last-mile projects that anticipate connection to the middle-mile network." These programs include the following:

- The federal **ReConnect Program**, administered by the U.S. Department of Agriculture, offers loans, grants and loan-grant combinations to facilitate broadband deployment in rural areas that do not have sufficient access to broadband.
- The federal **Tribal Broadband Connectivity Program (TBCP)**, administered by NTIA, supports the deployment of broadband infrastructure on tribal lands, including telehealth, distance learning, affordability and digital inclusion initiatives.

The following table summarizes information on ReConnect and TBCP awards to California applicants (based on information available to CDT as of September 12, 2024).

Table 8: Applications to Other Federal or State Broadband Programs

Program	Total Number of Applications	Total Number of Awards
ReConnect	8	6
TBCP	29	29
Total	**37**	**35**

Appendix D comprises a table documenting TBCP awards to California applicants, including projects with miles on an MMBN route or close to an MMBN segment.

Looking Ahead

The progress documented in this report reflects CDT's commitment to delivering on a critical element of the State's Broadband for All Action Plan. CDT will continue working toward the MMBI's goal of providing affordable, open-access middle-mile broadband infrastructure to enable last-mile networks throughout California.

If you have questions or would like to discuss this report, please contact me at liana.bailey-crimmins@state.ca.gov.

Respectfully,

Liana Bailey-Crimmins
Director
California Department of Technology

cc: Brian Metzker, Principal Fiscal & Policy Analyst, Legislative Analyst's Office
Hans Hemann, Consultant, Joint Legislative Budget Committee
Elisa Wynne, Staff Director, Senate Budget & Fiscal Review Committee
Christian Griffiths, Chief Consultant, Assembly Budget Committee
Sarah Smith, Consultant, Senate Energy, Utilities & Communications Committee
Emilio Perez, Chief Consultant, Assembly Communications & Conveyance Committee
Amy Tong, Secretary, Government Operations Agency
Erica Contreras, Secretary of the Senate, California State Senate
Sue Parker, Chief Clerk, California State Assembly
Cara L. Jenkins, Legislative Counsel, Office of Legislative Counsel

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Appendix A: Caltrans Standalone Projects – Locations and Timelines

This appendix documents the standalone Caltrans projects planned within the State highway system right-of-way as part of the MMBI.

The following tables provide details on locations (i.e., each fiber segment's Caltrans district, county, MMBI region, legislative district and total miles) and timelines (i.e., construction start and end dates).

Caltrans District 1

Caltrans Project	County[7]	MMBI Region	Congressional District	State Assembly District	State Senate District	Total Miles	Installation Start Date	Installation End Date
0122000123	Del Norte	1	2	2	2	15.62	3/2/25	11/1/26
0123000045	Mendocino	1	2	2	2	10.83	9/1/23	7/22/24
0123000168	Mendocino	1	2	2	2	33.56	1/31/25	6/30/25
0123000169	Lake	1	4	4	2	6.02	12/3/24	11/1/26
0123000192	Humboldt (2)	1	2	2	2	35.13	1/1/25	11/1/26
0123000193	Mendocino (2)	1	2	2	2	29.55	1/7/25	11/1/26
0123000196	Mendocino	1	2	2	2	23.29	2/15/25	11/1/26
0124000184	Mendocino	1	2	2	2	20.96	3/2/25	11/1/26
0124000058	Del Norte (2)	1	2	2	2	1.89	2/4/25	11/1/26
0124000209	Mendocino (3)	1	2	2	2	49.96	1/7/25	11/1/26
Additional miles for hub connection segments						1.50	Installation planned in 2025	
Total						**228.30**		

[7] A number in parentheses (#) indicates the number of subprojects in the county.

Caltrans District 2

Caltrans Project	County[8]	MMBI Region	Congressional District	State Assembly District	State Senate District	Total Miles	Installation Start Date	Installation End Date
0222000100	Plumas	1	3	1	1	11.90	4/19/25	1/11/26
0223000009	Plumas	1	3	1	1	11.78	9/30/24	9/30/26
0223000017	Siskiyou	1	1	1	1	4.54	2/4/25	6/20/26
0223000030	Lassen, Plumas (2)	1	1, 3	1	1	17.86	5/24/25	9/30/26
0223000033	Siskiyou	1	1	1	1	36.89	5/24/25	6/20/26
0223000205	Siskiyou	1	1	1	1	3.14	2/4/25	6/20/26
Additional miles for hub connection segments						6.50	Installation planned in 2025	
Total						**92.60**		

[8] A number in parentheses (#) indicates the number of subprojects in the county.

Caltrans District 3

Caltrans Project	County[9]	MMBI Region	Congressional District	State Assembly District	State Senate District	Total Miles	Installation Start Date	Installation End Date
0322000266	Nevada, Sierra	1	3	1	1, 4	37.84	5/15/25	6/27/26
0322000270	El Dorado (3), Alpine, Placer	1	3	1	1, 4	43.66	5/15/25	6/27/26
0322000271	Butte	1	1	3	1	22.74	2/5/25	4/16/26
0322000274	Glenn	1	1	3	1	4.19	1/5/25	4/16/26
0322000279	El Dorado	1	3, 5	1, 5	1, 4	15.31	9/28/24	3/3/26
0322000296	Placer	1	3	1	1, 4	9.26	9/7/24	10/1/26
0324000302	Sacramento, Yolo (2)	1	6, 7	4, 6	8	1.44	9/21/24	2/16/26
0324000338	Sacramento (2)	1	6	6	8	4.42	1/5/25	3/1/26
Additional miles for hub connection segments						7.00	Installation planned in 2025	
Total						**145.86**		

[9] A number in parentheses (#) indicates the number of subprojects in the county.

Caltrans District 4

Caltrans Project	County[10]	MMBI Region	Congressional District	State Assembly District	State Senate District	Total Miles	Installation Start Date	Installation End Date
0422000323	Alameda	2	12	18	9	10.20	12/30/24	4/10/26
0422000482	Santa Clara	2	16	23, 26, 28	13, 15	13.94	9/28/24	9/1/25
0423000028	Marin	2	2	12	2	7.95	12/30/24	9/30/26
0423000029	Sonoma (2)	2	2	12, 2	2	39.52	12/30/24	12/31/26
0423000033	Sonoma	2	2, 4	12, 2	2, 3	29.75	1/10/25	12/31/26
0423000089	Santa Clara	2	18	25, 26, 28	15	5.42	9/27/24	9/1/25
0423000380	Alameda	2	17	24	10	0.51	1/15/25	7/30/25
0423000381	Contra Costa	2	10, 9	11, 15	7	15.24	1/2/25	4/10/26
0423000383	Alameda	2	12	14, 18	9	0.25	12/30/24	2/15/26
0423000384	Alameda	2	12	18	9	2.62	12/30/24	9/1/25
0423000385	Alameda, San Francisco	2	11, 12	17, 18	9, 11	4.93	12/30/24	4/1/25
0423000465	Alameda	2	12, 14	18, 20	10, 5, 7, 9	4.19	1/15/25	8/29/25
0425000072	Marin	2	2	12	2	2.68	N/A	N/A
Additional miles for hub connection segments						6.10	Installation planned in 2025	
Total						**143.30**		

[10] A number in parentheses (#) indicates the number of subprojects in the county.

Caltrans District 5

Caltrans Project	County	MMBI Region	Congressional District	State Assembly District	State Senate District	Total Miles	Installation Start Date	Installation End Date
0522000138	Santa Cruz	3	16, 19	28	15, 17	2.69	3/6/25	9/30/25
Additional miles for hub connection segments						4.50	Installation planned in 2025	
Total						**7.19**		

Caltrans District 6

Caltrans Project	County	MMBI Region	Congressional District	State Assembly District	State Senate District	Total Miles	Installation Start Date	Installation End Date
0623000246	Fresno	3	20	8	12	13.73	2/1/25	6/30/26
0623000248	Fresno	3	20	8	12	11.99	1/15/25	11/7/25
Additional miles for hub connection segments						6.40	Installation planned in 2025	
Total						**32.12**		

Caltrans District 7

Caltrans Project	County[11]	MMBI Region	Congressional District	State Assembly District	State Senate District	Total Miles	Installation Start Date	Installation End Date
0723000195	Los Angeles (5)	4	32, 42, 44	42, 44, 46, 69	24, 27, 33, 35	16.10	8/5/24	2/21/25
Additional miles for hub connection segments						4.80	Installation planned in 2025	
Total						**20.90**		

Caltrans District 8

Caltrans Project	County	MMBI Region	Congressional District	Assembly District	State Senate District	Total Miles	Installation Start Date	Installation End Date
Additional miles for hub connection segments						6.80	Installation planned in 2025	
Total						**6.80**		

[11] A number in parentheses (#) indicates the number of subprojects in the county.

Caltrans District 9

Caltrans Project	County	Region	Congressional District	State Assembly District	State Senate District	Total Miles	Installation Start Date	Installation End Date
Additional miles for hub connection segments						0.80	Installation planned in 2025	
Total						**0.80**		

Caltrans District 10

Caltrans Project	County[12]	MMBI Region	Congressional District	State Assembly District	State Senate District	Total Miles	Installation Start Date	Installation End Date
1022000241	Calaveras	2	5	8	4	5.17	3/18/25	12/30/25
1022000246	Tuolumne (4)	2	5	8	4	44.94	3/18/25	11/30/26
1022000254	Mariposa	2	5	8	4	29.42	3/15/25	11/30/26
Additional miles for hub connection segments						3.10	Installation planned in 2025	
Total						**82.62**		

[12] A number in parentheses (#) indicates the number of subprojects in the county.

Caltrans District 11

Caltrans Project	County	MMBI Region	Congressional District	State Assembly District	State Senate District	Total Miles	Installation Start Date	Installation End Date
1122000173	San Diego	5	51, 52	79, 80	18	6.03	3/30/25	10/31/25
1122000201	San Diego	5	48	75	40	2.06	1/31/25	8/20/25
1122000208	San Diego	5	48, 51	75, 78	40	6.86	1/25/25	9/15/25
1122000225	San Diego	5	48, 51	75, 78, 79	39, 40	6.82	12/30/24	8/4/25
1123000331	San Diego	5	50, 52	77, 79, 80	18, 39	6.65	9/27/24	7/8/25
1124000005	San Diego	5	51	79	14	3.95	1/31/25	6/30/25
1124000023	San Diego	5	50, 51	78	39, 40	7.71	12/30/24	8/4/25
1124000024	San Diego	5	40, 47, 49	77, 78	39	2.72	1/21/25	5/7/25
Additional miles for hub connection segments						3.60	Installation planned in 2025	
Total						**46.41**		

Caltrans District 12

Caltrans Project	County	MMBI Region	Congressional District	State Assembly District	State Senate District	Total Miles	Installation Start Date	Installation End Date
1223000129	Orange	4	47	73	37	3.36	12/30/24	7/30/25
1224000024	Orange	4	40, 47, 49	71, 72, 73, 74	37, 38	11.74	12/30/24	7/30/25
Additional miles for hub connection segments						1.60	Installation planned in 2025	
Total						**16.70**		

Appendix B: RFI^2 Partner Projects – Locations and Timelines

The following tables provide a breakdown of the RFI^2 partner segments planned as part of the MMBI. Details include each segment's Caltrans district, county, MMBI region, legislative district, total miles and construction start and end dates.

American Dark Fiber (Joint Build)

Segment	Caltrans District	County	MMBI Region	Congressional District	State Assembly District	State Senate District	Total Miles	Installation Start Date	Installation End Date
ADF A11	8	San Bernardino	5	25	36	18	4.80	6/1/25	8/1/25
ADF A13	8,11	Imperial, Riverside	5	25	36	18	86.50	1/3/25	12/1/25
ADF A14	7	Ventura	4	26	38, 42	19, 27	11.40	8/21/24	4/1/25
ADF A20	3	Yolo	1	4	4	3	3.80	12/3/24	3/1/25
ADF A21	11	San Diego	5	48, 51	75, 78	40	2.60	11/18/24	4/1/25
ADF A26	7	Los Angeles, Ventura	4	26, 27, 29, 32	40, 42, 43	20, 27	15.10	11/1/24	7/1/25
ADF D10	8	San Bernardino	5	25	36	18	7.60	6/1/25	4/1/25
ADF D4	2	Lassen, Plumas, Tehama	1	1, 3	1, 3	1	114.30	6/1/25	7/1/26
ADF D5	1	Lake	1	2, 4	2, 4	2	84.20	6/1/25	7/1/26
ADF D7	8	Riverside, San Bernardino	5	23, 25, 41	34, 47	N/A[13]	49.00	12/3/24	8/1/25
Additional miles for hub connection segments							0.90	12/1/26	12/31/26
Total							**380.20**		

Anticipated Partnership (Joint Build)

Segment	Caltrans District	County	MMBI Region	Congressional District	State Assembly District	State Senate District	Total Miles	Installation Start Date	Installation End Date
Anticipated	TBD	TBD	TBD	TBD	TBD	TBD	132.30	TBD	12/31/26
Total							**132.30**		

[13] This is a deferred area. See: "Current Senate Districts," Senate Office of Demographics, https://sdmg.senate.ca.gov/committeehome/current-senate-districts.

Arcadian (Joint Build)

Segment	Caltrans District	County	MMBI Region	Congressional District	State Assembly District	State Senate District	Total Miles	Installation Start Date	Installation End Date
Barstow to Primm	8	San Bernardino	5	23	34	N/A[14]	115.70	3/31/25	12/31/26
Highway 101	1,4	Contra Costa, Humboldt, Marin, Mendocino Sonoma	1,2	23, 25, 28, 33	34, 36, 39, 41, 45	18, 21, 23	276.20	3/31/25	12/31/26
LA to Vidal	7,8	Los Angeles, San Bernardino	4,5	28, 31, 33, 34, 35	41, 45, 48, 49, 50, 52, 54, 56	22, 23, 25, 26	311.20	3/31/25	12/31/26
Sacramento to El Dorado	3	El Dorado, Sacramento	1	3, 5, 6, 7	5, 6, 7	1, 4, 6, 8	42.00	3/31/25	12/31/26
San Jose to Kings Beach	1,2	Alameda, Contra Costa, Nevada, Placer, San Joaquin, Sacramento, Santa Clara	3,4,10	10, 14, 16, 17, 18, 19, 3, 6, 7, 8, 9	1, 10, 11, 15, 16, 20, 24, 25, 5, 6, 7, 9	1, 3, 4, 5, 6, 7, 8, 10, 15, 17	258.70	3/31/25	12/31/26
Additional miles for hub connection segments							0.50	Installation planned in 2025	
Total							**1,004.30**		

[14] This is a deferred area. See: "Current Senate Districts," Senate Office of Demographics, https://sdmg.senate.ca.gov/committeehome/current-senate-districts.

Caltrans (Joint Build)

Segment	Caltrans District	County	MMBI Region	Congressional District	State Assembly District	State Senate District	Total Miles	Installation Start Date	Installation End Date
SR67 JB	11	San Diego	5	48	75	40	17.80	10/13/22	8/30/24
Additional miles for hub connection segments							0.40	Installation planned in 2025	
Total							**18.20**		

Hoopa Valley (Joint Build)

Segment	Caltrans District	County	MMBI Region	Congressional District	State Assembly District	State Senate District	Total Miles	Installation Start Date	Installation End Date
Hoopa Valley	1	Humboldt	1	2	2	2	22.60	4/1/25	11/26/26
Total							**22.60**		

Lumen (Joint Build)

Segment	Caltrans District	County	MMBI Region	Congressional District	State Assembly District	State Senate District	Total Miles	Installation Start Date	Installation End Date
El Cajon – Winterhaven	11	Imperial, San Diego,	5	25, 48	36, 75	18, 40	160.40	3/25/24	12/31/24
Sacramento – Palo Cedro	2, 3	Colusa, Glenn, Shasta, Tehama, Yolo	1	1, 4, 7	1, 3, 4	1, 3	172.80	4/4/24	12/28/24
Los Angeles – San Diego	7, 12, 8, 11	Alameda, Contra Costa, Los Angeles, Napa, Orange, Riverside, San Diego, Solano, Yolo	4, 5	34, 37, 38, 40, 41, 42, 44, 45, 46, 47, 48, 50, 51	54, 57, 58, 59, 62, 63, 64, 67, 68, 70, 71, 73, 75, 76, 78	26, 28, 29, 30, 31, 32, 33, 34, 36, 37, 39, 40	190.00	4/20/24	11/30/24
Oakland to Sacramento	3,4	Yolo, Solano, Napa, Contra Costa, Alameda	1,2	4, 7, 8, 12	4, 11, 14, 15, 18	3, 9	85.60	7/8/24	10/29/24
Santee to Lakeside	11	San Diego	5	48	75	40	4.10	7/10/24	8/30/24
Los Angeles Loop E, West Side	7,12	Los Angeles, Orange	4	30, 32, 34, 36, 37, 42, 43, 44, 45, 46, 47	42, 51, 54, 55, 57, 61, 62, 65, 66, 67, 68, 69, 70, 73	24, 26, 28, 29, 33, 34, 35, 36, 37	82.30	10/15/24	9/30/25

Segment	Caltrans District	County	MMBI Region	Congressional District	State Assembly District	State Senate District	Total Miles	Installation Start Date	Installation End Date
Sacramento – Fresno	3,6,10	Fresno, Madera, Merced, Sacramento, San Joaquin, Stanislaus	1,2,3	13, 21, 5, 7, 9	10, 13, 22, 27, 31, 4, 6, 8, 9	3, 4, 5, 6, 8, 12, 14	180.20	11/15/24	Q4/2025
Fresno – Bakersfield	6	Fresno, Kern, Kings, Tulare	3	13, 20, 21, 22	31, 32, 33, 35	12, 14, 16	115.50	2/15/25	3/28/26
Arvin – Hesperia	6,9,8	Kern, Los Angeles, San Bernardino	3,5	20, 22, 23, 27	32, 34, 35, 39, 41	12, 16, 21, 23	130.90	Q1/2025	Q1/2026
San Bernardino – El Monte	7,8	Los Angeles, San Bernardino	4,5	31, 33, 35, 38	45, 50, 53, 56	22, 23, 29, 30	51.40	Q2/2025	Q1/2026
San Bernardino	8	San Bernardino	5	23, 33	34, 45	23	6.40	Q4/2024	Q4/2025
Additional miles for hub connection segments							0.90	Installation planned in 2025	
Total							**1,180.50**		

SiskiyouTel (Joint Build)

Segment	Caltrans District	County	MMBI Region	Congressional District	State Assembly District	State Senate District	Total Miles	Installation Start Date	Installation End Date
SiskiyouTel	1,2	Siskiyou	1	1, 2	1, 2	1, 2	163.90	11/1/24	12/31/26
Total							**163.90**		

Vero (Joint Build)

Segment	Caltrans District	County	MMBI Region	Congressional District	State Assembly District	State Senate District	Total Miles	Installation Start Date	Installation End Date
Segment 1	1	Humboldt	1	2	2	2	9.50	5/3/23	10/31/23
Segment 2	1	Humboldt	1	2	2	2	14.30	9/23/24	9/30/25
Total							**23.80**		

Zayo (Joint Build)

Segment	Caltrans District	County	MMBI Region	Congressional District	State Assembly District	State Senate District	Total Miles	Installation Start Date	Installation End Date
Zayo	2,3	Lassen, Modoc, Sierra	1	1, 3	1	1	193.80	2/12/24	12/31/24
Total							**193.80**		

Anticipated Partnership (Lease)

Segment	Caltrans District	County	MMBI Region	Congressional District	State Assembly District	State Senate District	Total Miles	Installation Start Date	Installation End Date
Anticipated	TBD	TBD	TBD	TBD	TBD	TBD	3.10	TBD	12/31/26
Total							**3.10**		

Boldyn (Lease)

Segment	Caltrans District	County	MMBI Region	Congressional District	State Assembly District	State Senate District	Total Miles	Installation Start Date	Installation End Date
Segment 1	4	San Francisco	2	11, 15	17, 19, 21	11, 13	14.40	11/16/23	3/23/24
Segment 2	4	San Francisco	2	11	17	11	0.20	10/18/23	12/15/23
Segment 3	4	Alameda	2	14	20	7, 10	10.90	12/2/24	3/1/25
Segment 4	4	Alameda, Contra Costa	2	12, 8	14, 18	9	9.70	3/2/25	5/30/25
Segment 5	4	Alameda, Contra Costa	2	10, 12	14, 16, 18	7, 9	16.70	4/30/24	12/10/24
Segment 6	4	Alameda	2	12, 14, 17	18, 20, 24	9, 10	29.60	12/15/24	11/15/24
Total							**81.50**		

CVIN (Lease)

Segment	Caltrans District	County	MMBI Region	Congressional District	State Assembly District	State Senate District	Total Miles	Installation Start Date	Installation End Date
01 – Yreka	2	Siskiyou	1	1	1	1	35.20	11/1/25	3/1/26
02 – Hebron	2	Siskiyou	1	1	1	1	13.60	4/1/26	6/1/26
03 – Tulelake	2	Siskiyou	1	1	1	1	38.90	11/18/25	6/1/26
04 – Hackamore	2	Modoc	1	1	1	1	42.30	11/25/25	6/1/26
05 – Canby	2	Lassen, Modoc	1	1	1	1	31.40	1/12/26	6/1/26
06 – Modoc	2	Modoc	1	1	1	1	16.00	12/14/25	3/1/26

Segment	Caltrans District	County	MMBI Region	Congressional District	State Assembly District	State Senate District	Total Miles	Installation Start Date	Installation End Date
07 – Alturas	2	Modoc	1	1	1	1	3.20	1/18/26	3/1/26
08 – Cedarville	2	Modoc	1	1	1	1	16.60	12/17/25	3/1/26
09 – McArthur	2	Lassen, Shasta	1	1	1	1	36.40	9/20/25	3/1/26
10 – Four Corners	2	Shasta	1	1	1	1	27.90	10/13/25	3/1/26
11 – Redding	2	Shasta	1	1	1	1	12.00	2/14/25	6/1/25
12 – Oak Run	2	Shasta	1	1	1	1	25.20	2/9/25	6/1/25
13 – Cottonwood	2	Shasta, Tehama	1	1	1	1, 3	3.20	3/3/25	6/1/25
14 – Red Bluff	2,3	Butte, Tehama	1	1	1	3	41.20	12/4/24	6/1/25
15 – Chico	3	Butte, Sutter	1	1	1	3	50.30	11/17/24	6/1/25
16 – Orland	3	Butte, Glenn	1	1	1	3	18.40	3/11/25	6/1/25
17 – Oroville	3	Butte, Yuba	1	1	1, 3	3	32.50	1/10/25	6/1/25
18 – Sacramento	3	Sacramento, Sutter	1	1, 3, 6	3, 6	6, 8	44.30	9/30/24	12/1/24
19 – Sutter	3	Colusa, Sutter	1	1	3, 4	N/A[15]	21.30	2/27/25	6/1/25
20 – Smartsville	3	Nevada, Sutter	1	1, 3	1, 3	1	50.80	10/19/24	6/1/25
21 – Wheatland	3	Placer, Yuba	1	1, 3	3	6	15.70	3/24/25	6/1/25

[15] This is a deferred area. See: "Current Senate Districts," Senate Office of Demographics, https://sdmg.senate.ca.gov/committeehome/current-senate-districts.

Segment	Caltrans District	County	MMBI Region	Congressional District	State Assembly District	State Senate District	Total Miles	Installation Start Date	Installation End Date
22 – Lake of the Pine	3	Nevada, Placer	1	3	1, 5	1, 6	31.80	4/13/25	9/1/25
23 – Auburn	3	El Dorado, Placer	1	3, 5	1, 5	1, 4	45.20	2/13/25	9/1/25
24 – Amador	3,10	Amador, El Dorado	1,2	5	1, 5	1, 4	29.70	4/25/25	9/1/25
25 – Buena Vista	3,10	Amador, Sacramento	1,2	5, 7	1, 9	4, 5, 6	33.20	10/8/24	3/1/25
26 – Pioneer	10	Amador	2	5	1	4	27.00	8/1/25	12/1/25
27 – Rich Gulch	10	Amador	2	5	1, 8	4	30.90	7/17/25	12/1/25
28 – Butte	10	Amador, Calaveras	2	5	8	4	11.00	10/11/25	12/1/25
29 – Kirkwood	10	Alpine, El Dorado	2	3, 5	1	1, 4	47.50	11/15/25	12/1/26
30 – Markleeville	10,9	Alpine, Mono	2	3	1, 8	1, 4	33.40	9/13/25	12/1/26
31 – Woodland	10,3	Sacramento, Yolo	2	4, 6	4, 6	3, 8	36.60	2/17/25	9/1/25
32 – Vacaville	3,4	Yolo, Solano	1,2	4, 8	11, 4	3	29.60	4/23/25	9/1/25
33 – Lodi	10	Amador, San Joaquin	2	5, 9	9	4, 5	28.40	5/1/25	9/1/25
34 – Wallace	10	Calaveras, San Joaquin	2	5, 9	8, 9	4, 5	24.00	5/17/25	9/1/25
35 – San Andreas	10	Calaveras	2	5	8	4	16.00	6/22/26	9/1/26

Segment	Caltrans District	County	MMBI Region	Congressional District	State Assembly District	State Senate District	Total Miles	Installation Start Date	Installation End Date
36 – Copperopolis	10	Calaveras	2	5	8, 9	4	16.10	6/21/26	9/1/26
37 – Angels	10	Calaveras, Tuolumne	2	5	8	4	37.90	2/28/26	9/1/26
38 – Farmington	10	Calaveras, San Joaquin	2	5, 9	9	4, 5	36.40	3/24/26	9/1/26
39 – Coulterville	10	Mariposa, Tuolumne	2	5	8	4	37.50	3/19/26	9/1/26
40 – Mariposa	10,6	Madera, Mariposa	2,3	5	8	4	55.20	3/31/25	12/1/25
41 – Ceres	10	Stanislaus	2	13, 5	22, 9	4, 5	14.70	10/1/24	12/1/24
42 – Modesto	10	San Joaquin, Stanislaus	2	5, 9	22, 9	4, 5	51.90	10/15/24	3/1/25
43 – Manteca	10	San Joaquin	2	13, 9	13, 9	5	23.10	10/1/24	12/1/24
44 – Stockton	10	San Joaquin	2	9	13,9	5	6.30	10/15/24	12/1/24
45 – Patterson	10	Merced, San Joaquin	2	13, 9	13, 22, 9	4, 5, 14	49.70	10/1/24	12/1/24
46 – Gustine	10	Merced, Stanislaus	2	13, 5	22, 27	4, 14	36.20	10/1/24	12/1/24
47 – Los Banos	10	Merced	2	13	27	14	48.20	11/30/24	3/1/25
48 – State Route 41	6	Fresno, Madera	3	21, 5	8	4, 12	31.00	1/7/2025	6/1/25
49 – Minkler	6	Fresno	3	20, 21, 5	31, 8	12, 14	36.00	12/22/24	6/1/25

Segment	Caltrans District	County	MMBI Region	Congressional District	State Assembly District	State Senate District	Total Miles	Installation Start Date	Installation End Date
50 – Biola	6	Fresno, Madera	3	13	27, 8	4, 14	36.60	10/1/24	12/1/24
51 – San Joaquin	6	Fresno	3	13	27	14	27.80	10/28/24	3/1/25
52 – Dos Palos	10,6	Fresno, Merced	2,3	13	27	14	52.80	10/15/24	3/1/25
53 – Huron	6	Fresno	3	13	27	14	26.90	11/2/24	3/1/25
54 – Lemoore	6	Fresno, Kings	3	13, 20, 22	27, 33	14, 16	35.40	8/8/24	3/1/25
55 – Stratford	6	Kings	3	20, 22	33	16	28.00	11/5/24	3/1/25
56 – Hanford	6	Kings, Tulare	3	20, 21, 22	32, 33	12, 16	42.50	8/29/24	12/1/24
57 – Corcoran	6	Tulare, Kings	3	20, 22	33	12, 16	31.20	1/20/25	6/1/25
58 – Orosi	6	Fresno, Tulare	3	20, 21	31, 32, 33, 8	12, 14, 16	65.70	8/8/24	6/1/25
59 – Exeter	6	Tulare	3	20, 21	32, 33	12	17.90	3/12/25	6/1/25
60 – N Strathmore	6	Tulare	3	20, 22	32, 33	12, 16	26.70	1/28/25	6/1/25
61 – Strathmore	6	Tulare	3	22	33	16	6.70	5/2/25	6/1/25
62 – Springville	6	Tulare	3	20, 22	32, 33	12, 16	46.30	11/26/25	6/1/26
63 – Tipton	6	Kern, Tulare	3	22	33, 35	16	49.20	8/8/24	6/1/26
64 – Wasco	6	Kern	3	22	32, 35	12, 16	19.30	3/2/25	6/1/25
65 – Semitropic	6	Kern	3	22	35	16	28.60	5/2/25	9/1/25

Segment	Caltrans District	County	MMBI Region	Congressional District	State Assembly District	State Senate District	Total Miles	Installation Start Date	Installation End Date
66 – Lost Hills	6	Kern, Kings	3	22	33, 35	16	27.20	3/1/24	8/17/24
67 – Kettleman	6	Fresno, Kings	3	13, 22	27, 33	14, 16	27.00	8/30/24	11/1/24
68 – Coalinga	5,6	Fresno, San Benito	3	13, 18	27, 29	14, 17	45.20	10/1/24	9/1/24
69 – Interstate I-5	5,4	Santa Clara, San Benito	2,3	15	27	14	55.20	12/22/24	9/1/25
70 – Soledad	5	Monterey, San Benito	3	18	29	N/A[16]	13.40	10/15/24	12/1/24
71 – Salinas	5	Monterey	3	18, 19	29, 30	17	17.40	8/8/24	12/1/24
72 – Moss Landing	5	Santa Cruz, Monterey	3	18, 19	29, 30	17	9.10	4/1/24	8/1/24
73 – Watsonville	5,6	Santa Clara, Santa Cruz	3	18	29	17	17.20	3/1/24	9/17/24
74 – Morgan	6,10	Santa Clara, San Benito	3,2	18, 19	25, 28, 29	17	19.40	3/1/24	12/1/24
77 – Rosedale	6	Kings, Kern	3	20, 22	32, 35	12	18.70	9/8/25	12/1/25
78 – Tupman	6	Kern	3	20, 22	32	12	24.70	8/13/25	12/1/25
79 – S Bakersfield	6	Kern	3	20, 22	32, 35	12, 16	20.80	10/15/24	9/1/24
80 – N Bakersfield	6	Kern	3	22	32, 35	12, 16	17.10	10/15/24	9/1/24

[16] This is a deferred area. See: "Current Senate Districts," Senate Office of Demographics, https://sdmg.senate.ca.gov/committeehome/current-senate-districts.

Segment	Caltrans District	County	MMBI Region	Congressional District	State Assembly District	State Senate District	Total Miles	Installation Start Date	Installation End Date
81 – Arvin	6	Kern	3	20, 22	32, 35	12, 16	35.10	11/30/24	12/1/24
82 – Buttonwillow	6	Kern	3	20, 22	32, 35	12, 16	40.70	8/26/24	1/17/25
83 – Taft	6	Kern	3	20	32	12	8.70	1/21/25	3/1/25
84 – State Route 166	6	Kern	3	20	32	12	22.10	3/1/24	11/5/24
85 – Wheeler	6	Kern	3	20	32	12	20.90	8/28/25	12/1/25
86 – Lebec	6,7	Los Angeles, Kern	3,4	20, 26, 27	32, 34, 38, 40	12, 19, 21	36.80	12/19/25	6/1/26
87 – Burbank	7	Los Angeles	4	27, 29, 30	40, 43, 44	20, 21, 25, 27	28.50	1/25/26	6/1/26
88 – LA	7	Los Angeles	4	30, 34	44, 52, 54, 57	25, 26, 28	9.50	4/24/26	6/1/26
89 – New Cuyama	5, 6	Kern, San Luis Obispo, Santa Barbara	3	20, 24	30, 32, 37	12, 17, 19	76.60	1/11/26	12/14/26
90 – SLO	5	San Luis Obispo	3	24	30, 37	17, 19	40.20	6/20/26	12/15/26
91 – Santa Ynes	5	Santa Barbara	3	24	37	19	42.20	6/14/26	12/16/26
Additional miles for hub connection segments							1.00	Installation planned in 2025	
Total							**2,697.20**		

Digital 299/Trans Pacific Network (TPN) (Lease)

Segment	Caltrans District	County	MMBI Region	Congressional District	Assembly District	State Senate District	Total Miles	Installation Start Date	Installation End Date
TPN-299	1,2	Humboldt, Shasta, Trinity	1	1, 2	1, 2	1, 2	170.90	1/1/24	12/31/24
Total							**170.90**		

Lumen (Lease)

Segment	Caltrans District	County	MMBI Region	Congressional District	Assembly District	State Senate District	Total Miles	Installation Start Date	Installation End Date
Napa Junction to Napa	4	Napa	2	4	4	3	11.80	5/20/24	11/30/24
San Francisco to San Jose	4	San Francisco, San Mateo, Santa Clara	2	11, 15, 16, 17	17, 19, 21, 23, 26	10, 11, 13	45.70	5/20/24	5/31/25
San Jose – San Luis Obispo	4,5	Monterey, Santa Clara, San Luis Obispo	2,3	16, 17, 18, 19, 24	25, 26, 28, 29, 30	10, 13, 15, 17	199.50	6/24/24	10/25/25
Bloomington to Rialto	8	San Bernardino	5	33	50	N/A[17]	3.50	8/20/24	1/30/25
Niland – El Centro	11	Imperial	5	25	36	18	32.20	Q1/2025	Q1/2026

[17] This is a deferred area. See: "Current Senate Districts," Senate Office of Demographics, https://sdmg.senate.ca.gov/committeehome/current-senate-districts.

Segment	Caltrans District	County	MMBI Region	Congressional District	Assembly District	State Senate District	Total Miles	Installation Start Date	Installation End Date
Riverside – Niland	8,11	Imperial, Riverside, San Bernardino	5	23, 25, 33, 41	36, 47, 50, 60	18, 23	132.30	Q2/2025	Q4/2025
San Luis Obispo to Simi Valley	5, 7	San Luis Obispo, Santa Barbara, Ventura	3, 4	24, 26	30, 37, 38, 42	17, 19, 27	186.90	Q4/2024	Q4/2025
Palmdale – Sylmar	7	Los Angeles	4	27	34, 39, 40	21, 27	37.40	Q4/2025	Q3/2026
Riverside – Temecula	8	Riverside	5	33, 39, 41, 48	36, 50, 58, 60, 63, 71	23, 31, 32	49.50	Q4/2025	Q2/2026
Additional miles for hub connection segments							1.60	Installation planned in 2025	
Total							**700.40**		

Ytel (Lease)

Segment	Caltrans District	County	MMBI Region	Congressional District	Assembly District	State Senate District	Total Miles	Installation Start Date	Installation End Date
Section 1 – Orick to Trees of Mystery	1	Del Norte, Humboldt	1	2	2	2	27.10	12/1/24	8/1/25
Section 2 – Trees of Mystery to Cresent City	1	Del Norte, Humboldt	1	2	2	2	19.40	12/1/24	10/1/25
Total							**46.50**		

Digital 395 (Purchase)

Segment	Caltrans District	County	MMBI Region	Congressional District	Assembly District	State Senate District	Total Miles	Installation Start Date	Installation End Date
D395	8, 9	Inyo, Kern, Mono, San Bernardino	2, 3, 5	20, 23, 3	32, 34, 8	4, 12	423.10	8/26/24	1/17/25
Total							**423.10**		

Appendix C: FFA and CASF: Last-Mile Projects That Anticipate Connecting to the MMBI

This appendix documents approved or pending last-mile projects funded by the FFA and CASF programs that anticipate connection to the MMBN. The window for applying to the BEAD program has not opened as of the date of this report, so no BEAD projects are included in this report.

The tables below present details on FFA applications and CASF awards as of October 1, 2024:

- Total FFA applications and awards and CASF awards (by program).

- Total FFA applications and awards and CASF awards (by program) that have committed to connect to the MMBI.

Table 9: Total FFA and CASF Applications (Summary)

Total Applications				Applicants Committed to Connect to the MMBI			Applicants NOT Committed to Connect to the MMBI		
Program	Total Number of Applications	Committed to Connect to the MMBI	NOT Committed to Connect to the MMBI	Application Received	Approval Proposed (Recommended)	Awarded by Commission	Application Received	Approval Proposed (Recommended)	Awarded by Commission
CASF	6	1	5	0	0	1	0	0	5
FFA	483	107	376	66	7	34	349	2	25
Total	**489**	**108**	**381**	**66**	**7**	**35**	**349**	**2**	**30**

Table 10: Total Applications That Have Committed to Connect to the MMBI (Summary)

Program	Total Number of Applications	Committed to Connect to the MMBI	Pending Applications		Awarded Applications
			Application Received	Approval Proposed (Recommended)	Awarded by Commission
CASF	6	1	0	0	1
FFA	483	107	66	7	34
Total	**489**	**108**	**66**	**7**	**35**

Table 11: Applications That Have Committed to Connect to the MMBI (Details)

Project ID	Project Name	Applicant	Program	Counties	Committed to Connect to the MMBI	Pending Applications		Awarded
						Application Received	Approval Proposed (Recommended)	Awarded by Commission
T-17817	LCB Communications Aromas-San Juan Project	LCB Communications	CASF	Monterey, San Benito, Santa Cruz	Yes			X
1433	Antelope Valley Broadband Project	AV Broadband Cooperative	FFA	Kern, Los Angeles, San Bernardino, Ventura	Yes	X		
387	Digital Equity for Avalon, Catalina Island and Surrounding Waterways	AVX Networks	FFA	Los Angeles	Yes	X		
1745	Solano County FFA	Cal.net	FFA	Solano	Yes	X		
638	Fair Shake Internet	City & County of San Francisco, Department of Technology	FFA	San Francisco	Yes			X
1577	Carson CityNet Phase 1	City of Carson	FFA	Los Angeles	Yes	X		
352	Providing Broadband Service to Butte County Locations in Need of Investment	City of Chico	FFA	Butte	Yes	X		
255	Fort Bragg Gig	City of Fort Bragg	FFA	Mendocino	Yes			X
1713	City of Fremont Last Mile Broadband Project	City of Fremont	FFA	Alameda	Yes			X
1428	City of Fresno Last Mile Grant	City of Fresno	FFA	Fresno, Madera	Yes	X		
1719	City of Indio Last Mile Infrastructure Project	City of Indio	FFA	Riverside	Yes			X
1709	City of Lathrop Broadband Infrastructure Project	City of Lathrop	FFA	San Joaquin	Yes	X		
1182	Placerville Broadband	City of Placerville	FFA	El Dorado	Yes			X

Project ID	Project Name	Applicant	Program	Counties	Committed to Connect to the MMBI	Pending Applications		Awarded
						Application Received	Approval Proposed (Recommended)	Awarded by Commission
1751	Sacramento Last Mile Connectivity Project	City of Sacramento	FFA	Sacramento	Yes			X
1740	Ventura Community Connectivity Plan	City of San Buenaventura	FFA	Ventura	Yes	X		
1188	San Luis Obispo Affordable Broadband Network	City of San Luis Obispo	FFA	San Luis Obispo	Yes		X	
1715	City of Shafter Unserved Broadband Access Project	City of Shafter	FFA	Kern	Yes	X		
1690	City of Ukiah Gigabit Fiber Project	City of Ukiah	FFA	Mendocino	Yes			X
1741	Vacaville Broadband	City of Vacaville	FFA	Solano	Yes	X		
1434	Mare Island Build	City of Vallejo	FFA	Solano	Yes	X		
1435	N. Sonoma Blvd.	City of Vallejo	FFA	Solano	Yes	X		
1436	Porter St to Seaport	City of Vallejo	FFA	Solano	Yes	X		
1437	Trailer City Park Project	City of Vallejo	FFA	Solano	Yes	X		
1726	Colorado River Indian Tribe Californian Broadband Network	Colorado River Indian Tribe	FFA	Riverside, San Bernardino	Yes			X
1353	Madera County	Comcast	FFA	Madera	Yes		X	
1746	Kern County Broadband Project-phase 1	County of Kern	FFA	Kern, Tulare	Yes	X		
1752	Los Angeles County Community Broadband Networks	County of Los Angeles Internal Services Department (ISD)	FFA	Los Angeles	Yes	X		
1283	Marin Coastal Hwy 1	County of Marin	FFA	Marin	Yes			X
1723	Ventura County Fiber Network Project	County of Ventura	FFA	Ventura	Yes	X		
1312	Pixley FTTH DTC	Digital Transportation Corp.	FFA	Tulare	Yes	X		

Project ID	Project Name	Applicant	Program	Counties	Committed to Connect to the MMBI	Pending Applications		Awarded
						Application Received	Approval Proposed (Recommended)	Awarded by Commission
1703	Indian Creek Broadband Project	El Dorado County	FFA	El Dorado	Yes			X
1727	Georgetown Broadband Project	El Dorado County	FFA	El Dorado, Placer	Yes			X
1702	Coloma Broadband Project	El Dorado County	FFA	El Dorado	Yes			X
1724	Garden Valley Broadband Project	El Dorado County	FFA	El Dorado	Yes			X
1687	Fort Bidwell Indian Community Fiber-To-The-Home	Fort Bidwell Indian Community	FFA	Modoc	Yes			X
1750	Gateway Cities Council of Governments Last Mile Broadband Project	Gateway Cities Council of Governments	FFA	Los Angeles, Orange	Yes	X		
448	GSCA City of Susanville Broadband Network	Golden State Connect Authority	FFA	Lassen	Yes	X		
452	GSCA City of Oroville Broadband Network	Golden State Connect Authority	FFA	Butte	Yes	X		
461	GSCA Alpine County Broadband Network	Golden State Connect Authority	FFA	Alpine, Calaveras, El Dorado	Yes			X
463	GSCA Butte County Broadband Network	Golden State Connect Authority	FFA	Butte	Yes	X		
464	GSCA Calaveras County Broadband Network	Golden State Connect Authority	FFA	Amador, Calaveras	Yes	X		
466	GSCA Del Norte County Broadband Network	Golden State Connect Authority	FFA	Del Norte	Yes	X		
469	GSCA Kings County Broadband Network	Golden State Connect Authority	FFA	Fresno, Kings, Tulare	Yes	X		
471	GSCA Lassen County Broadband Network	Golden State Connect Authority	FFA	Lassen	Yes	X		
472	GSCA Mariposa County Broadband Network	Golden State Connect Authority	FFA	Mariposa	Yes	X		

Project ID	Project Name	Applicant	Program	Counties	Committed to Connect to the MMBI	Pending Applications		Awarded
						Application Received	Approval Proposed (Recommended)	Awarded by Commission
473	GSCA Mendocino County Broadband Network	Golden State Connect Authority	FFA	Mendocino, Sonoma	Yes	X		
478	GSCA Plumas County Broadband Network	Golden State Connect Authority	FFA	Lassen, Plumas	Yes	X		
479	GSCA San Benito County Broadband Network	Golden State Connect Authority	FFA	Monterey, San Benito, Santa Cruz	Yes	X		
480	GSCA San Luis Obispo County Broadband Network	Golden State Connect Authority	FFA	San Luis Obispo, Santa Barbara	Yes	X		
482	GSCA Sierra County Broadband Network	Golden State Connect Authority	FFA	Sierra	Yes	X		
483	GSCA Siskiyou County Broadband Network	Golden State Connect Authority	FFA	Siskiyou	Yes	X		
485	GSCA Sutter County Broadband Network	Golden State Connect Authority	FFA	Butte, Sutter, Yuba	Yes	X		
1238	GSCA Modoc County Broadband Network	Golden State Connect Authority	FFA	Lassen, Modoc	Yes	X		
1251	GSCA Santa Barbara County Broadband Network	Golden State Connect Authority	FFA	San Luis Obispo, Santa Barbara	Yes	X		
1330	GSCA Colusa County Broadband Network	Golden State Connect Authority	FFA	Colusa, Glenn	Yes	X		
468	GSCA Imperial County Broadband Network	Golden State Connect Authority	FFA	Imperial	Yes			X
476	GSCA Mono County Broadband Network	Golden State Connect Authority	FFA	Mono	Yes			X
456	GSCA Town of Mammoth Lakes Broadband Network	Golden State Connect Authority	FFA	Mono	Yes			X
1057	GSCA Gonzales Broadband Network	Golden State Connect Authority	FFA	Monterey	Yes	X		

Project ID	Project Name	Applicant	Program	Counties	Committed to Connect to the MMBI	Pending Applications		Awarded
						Application Received	Approval Proposed (Recommended)	Awarded by Commission
488	GSCA Tuolumne County Broadband Network	Golden State Connect Authority	FFA	Tuolumne	Yes	X		
1817	GSCA Sonoma County Broadband Network	Golden State Connect Authority	FFA	Mendocino, Sonoma	Yes	X		
450	GSCA Greenfield Broadband Network	Golden State Connect Authority	FFA	Monterey	Yes	X		
458	GSCA City of Soledad Broadband Network	Golden State Connect Authority	FFA	Monterey	Yes	X		
447	GSCA King City Broadband Network	Golden State Connect Authority	FFA	Monterey	Yes	X		
1332	GSCA Monterey County Broadband Network	Golden State Connect Authority	FFA	Monterey	Yes	X		
462	GSCA Amador County Broadband Network	Golden State Connect Authority	FFA	Amador, Calaveras	Yes	X		
489	GSCA Yuba County Broadband Network	Golden State Connect Authority	FFA	Yuba	Yes	X		
491	GSCA Yolo County Broadband Network	Golden State Connect Authority	FFA	Yolo	Yes	X		
470	GSCA Lake County Broadband Network	Golden State Connect Authority	FFA	Lake	Yes	X		
467	GSCA Glenn County Broadband Network	Golden State Connect Authority	FFA	Glenn	Yes	X		
481	GSCA Shasta County Broadband Network	Golden State Connect Authority	FFA	Shasta, Tehama	Yes	X		
486	GSCA Tehama County Broadband Network	Golden State Connect Authority	FFA	Shasta, Tehama	Yes	X		
1337	HIT Santa Clara	Hankins Information Technology	FFA	Santa Clara	Yes			X
1650	HIT San Benito	Hankins Information Technology	FFA	Merced, San Benito, Santa Clara, Santa Cruz	Yes			X
1439	Karuk Tribe Fiber-To-The-Home	Karuk Tribe	FFA	Humboldt	Yes			X

Project ID	Project Name	Applicant	Program	Counties	Committed to Connect to the MMBI	Pending Applications		Awarded
						Application Received	Approval Proposed (Recommended)	Awarded by Commission
786	Banner Mountain Area Community	Nevada County Fiber	FFA	Nevada	Yes			X
811	Destination Crenshaw Digital Equity Zone	Plenary Broadband Infrastructure Crenshaw (PBIC)	FFA	Los Angeles	Yes	X		
1441	Ranch WIFI – Nacimiento Lake	Ranch WIFI	FFA	San Luis Obispo	Yes	X		
1442	Ranch WIFI – Fresno County	Ranch WIFI	FFA	Fresno	Yes	X		
1688	Round Valley Indian Tribes Fiber-To-The-Home	Round Valley Indian Tribes	FFA	Mendocino	Yes			X
1282	City of San Bruno FTTH Upgrade	San Bruno CityNet Services, City of San Bruno	FFA	San Mateo	Yes	X		
1753	Chumash Fiber Network	Santa Ynez Band of Chumash Indians	FFA	Santa Barbara	Yes			X
361	FIBER 108 Lower Phase	Sierra Nevada Communications	FFA	Tuolumne	Yes	X		
362	FIBER 108 – Upper Phase	Sierra Nevada Communications	FFA	Tuolumne	Yes	X		
365	FIBER 120	Sierra Nevada Communications	FFA	Tuolumne	Yes	X		
366	FIBER 108 – Strawberry Summer Hill	Sierra Nevada Communications	FFA	Tuolumne	Yes	X		
1424	Siskiyou Telephone Last Mile Project	Siskiyou Telephone Company	FFA	Siskiyou	Yes			X
575	Holy City	Surfnet	FFA	Santa Clara, Santa Cruz	Yes	X		
656	SNC-LFC-Fiber	Surfnet	FFA	Monterey	Yes	X		
1287	Mnt Bache	Surfnet	FFA	Santa Clara, Santa Cruz	Yes			X
942	Hutchinson	Surfnet	FFA	Santa Clara, Santa Cruz	Yes			X

Project ID	Project Name	Applicant	Program	Counties	Committed to Connect to the MMBI	Pending Applications		Awarded
						Application Received	Approval Proposed (Recommended)	Awarded by Commission
1755	Radonich	Surfnet	FFA	Santa Cruz	Yes			X
422	Lexington ConnectEd	Surfnet	FFA	Santa Clara	Yes			X
1321	SantaLucia-SanMarcos	Surfnet	FFA	San Luis Obispo	Yes	X		
576	Branch	Surfnet	FFA	San Luis Obispo	Yes		X	
747	Corbett Canyon	Surfnet	FFA	San Luis Obispo	Yes		X	
701	Old Oak Park	Surfnet	FFA	San Luis Obispo	Yes		X	
750	Shandon	Surfnet	FFA	San Luis Obispo	Yes		X	
691	Whitley Gardens	Surfnet	FFA	San Luis Obispo	Yes		X	
1730	Huntington Park	The City of Huntington Park	FFA	Los Angeles	Yes	X		
1285	Oakland Connect – Last Mile Connectivity for Oaklanders	The City of Oakland	FFA	Alameda	Yes			X
1331	Tolowa FFA Broadband Project	Tolowa Dee-ni' Nation	FFA	Del Norte	Yes			X
1315	City of Gustine	unWired Broadband	FFA	Merced	Yes	X		
999	Terra Bella	VARCOMM	FFA	Tulare	Yes			X
1754	Arcata Bay	Vero Fiber Networks	FFA	Humboldt	Yes			X
1001	Forestville Connect	WiConduit	FFA	Sonoma	Yes	X		
1256	Sonoma Coast Connect	WiConduit	FFA	Sonoma	Yes	X		
1323	Ytel FTTH Project	Yurok Telecom Corporation	FFA	Del Norte, Humboldt	Yes			X

Appendix D: Other Federal or State Last-mile Projects That Anticipate Connection to the MMBI

This appendix documents other federal and State funding programs that may support "approved or pending last-mile projects that anticipate connection to the middle-mile network."

The following table identifies NTIA's 29 total TBCP Round 1 awards to California applicants, including 11 with miles on an MMBN route or close to an MMBN segment.

Table 12: TBCP Awards to California Applicants

TBCP California Awardee	Date of Award	Program Funded	On MMBN Route	Completion Date[18]
Yurok Tribe's Telecommunication Corporation	8/22/2022	Infrastructure Deployment	Y	8/22/2023
Hoopa Valley Tribal Council	8/22/2022	Infrastructure Deployment	Y	8/22/2023
Coyote Valley Band of Pomo Indians	5/4/2022	Use and Adoption	Y	5/4/2023
Scotts Valley Band of Pomo Indians	6/23/2022	Use and Adoption	Y	6/23/2023
Pauma Band of Luiseno Indians	5/4/2022	Use and Adoption	N	5/4/2023
Viejas Band of Kumeyaay Indians	5/4/2022	Use and Adoption	N	5/4/2023
Cabazon Band of Mission Indians	3/31/2022	Infrastructure Deployment	Y	3/31/2023
Ione Band of Miwok Indians	7/29/2022	Planning, Feasibility and Sustainability Studies	Y	7/29/2023
Rincon Band of Luiseno Mission Indians of Rincon Reservation	6/23/2022	Use and Adoption | Planning, Feasibility and Sustainability Studies	N	6/23/2023
Round Valley Indian Tribes	10/11/2022	Infrastructure Deployment	Y	10/11/2023

[18] The completion date is estimated as one year following the award date. The TBCP Round 1 application deadline was September 1, 2021. Awards were made between February 28, 2022, and September 27, 2023.

TBCP California Awardee	Date of Award	Program Funded	On MMBN Route	Completion Date[18]
Pinoleville Pomo Nation	2/28/2022	Use and Adoption	Y	2/28/2023
Lone Pine Paiute-Shoshone Reservation	11/29/2022	Infrastructure Deployment	N	11/29/2023
La Jolla Band of Luiseno Indians	11/29/2022	Use and Adoption | Planning, Feasibility and Sustainability Studies	N	11/29/2023
Big Sandy Rancheria Band of Western Mono Indians	11/15/2022	Infrastructure Deployment	N	11/15/2023
Susanville Indian Rancheria	11/15/2022	Infrastructure Deployment	N	11/15/2023
Big Valley Band of Pomo Indians	11/15/2022	Infrastructure Deployment	N	11/15/2023
Shingle Springs Band of Miwok Indians	12/14/2022	Infrastructure Deployment	Y	12/14/2023
Fort Independence Indian Reservation	12/14/2022	Infrastructure Deployment	Y	12/14/2023
Blue Lake Rancheria	4/25/2023	Infrastructure Deployment | Planning, Engineering, Feasibility and Sustainability	Y	4/25/2024
Bridgeport Indian Colony	4/25/2023	Planning, Engineering, Feasibility and Sustainability	N	4/25/2024
Kashia Band of Pomo Indians of the Stewarts Point Rancheria	4/25/2023	Broadband Use and Adoption	N	4/25/2024

TBCP California Awardee	Date of Award	Program Funded	On MMBN Route	Completion Date[18]
Resighini Rancheria	4/25/2023	Planning, Engineering, Feasibility and Sustainability	N	4/25/2024
The Wiyot Tribe	4/25/2023	Use and Adoption	N	4/25/2024
Guidiville Indian Rancheria	5/30/2023	Use and Adoption | Planning, Engineering, Feasibility and Sustainability	N	5/30/2024
Ewiiaapaayp of Kumeyaay Indians	5/30/2023	Use and Adoption	N	5/30/2024
Soboba Band of Luiseno Indians	5/30/2023	Use and Adoption	N	5/30/2024
California Rural Indian Health Board	9/27/2023	Planning, Engineering, Feasibility and Sustainability	N	5/6/2025
Southern Californian Tribal Charimen's Association	9/27/2023	Infrastructure Deployment | Use and Adoption	N	5/6/2025
Bishop Paiute Tribe	6/1/2023	Planning, Engineering, Feasibility and Sustainability	N	5/31/2025

Appendix E: Budgetary History of the MMBI

The Administration partnered with the Legislature to prioritize broadband access through a portion of California's share of ARPA funding. The 2021 Budget Act initially appropriated $3.25 billion for the MMBI. Through subsequent Budget actions, $3.873 billion in total funding has been appropriated to CDT for the MMBI. Of this total, $2.4 billion is from ARPA funding, $1.4 billion is from the General Fund and $73 million is from middle-mile grant funding awarded by NTIA.

The following table provides a year-by-year summary of the MMBI's budgetary activities. These activities have provided the necessary resources for the development and deployment of the MMBN, supporting the State's goal to build a robust and equitable digital infrastructure:

- The 2021 Budget Act appropriated $3.25 billion in ARPA SFRF funding to CDT for the MMBI.
- The 2022 Budget Act provided authority to swap approximately $887 million of General Funds for ARPA funding and created budgetary authority to use any federal funds received.
- In 2023, the NTIA Enabling Middle-Mile Broadband Infrastructure grant program awarded CDT $73 million in funding.
- The 2023 Budget Act appropriated an additional $300 million from the General Fund for the MMBI.
- The 2024 Budget Act appropriated an additional $250 million from the General Fund for the MMBI.

Table 13: Summary of MMBI Budgetary Activity (Fiscal Years 2021 – 2024)

Source	2021	2022	2023	2024	Total
ARPA SFRF	$3.250B	($0.887B)	$ -	$ -	$2.363B
General Fund	$ -	$0.887B	$0.300B	$0.250B	$1.437B
NTIA	$ -	$ -	$0.073B	$ -	$0.073B
Total	**$3.250B**	**$ -**	**$0.373B**	**$0.250B**	**$3.873B**