Introductions

1
00:00:00.000 --> 00:00:01.050
I want to start

2
00:00:03.600 --> 00:00:05.200
Adriana Surfas: perfect. Thank you.

3
00:00:05.430 --> 00:00:24.879
Adriana Surfas: So over the course of today's session we will be providing information about the middle Mile broadband initiative which is let being led by the California Department of Transportation. This includes an overview of the initiative, the partner supporting the effort, Cal Trans's role, and to take questions as well.

4
00:00:25.170 --> 00:00:32.460
Adriana Surfas: and as we get started I would like to cover a few logistics, as previously mentioned today's session will be recorded

5
00:00:32.500 --> 00:00:37.040
Adriana Surfas: it along with the presentation will be made available afterwards.

6
00:00:37.120 --> 00:00:41.320
Adriana Surfas: I would like to remind panelists and presenters to please be sure

7
00:00:41.360 --> 00:00:46.440
Adriana Surfas: to mute to meet. Set your settings on mute. If you're not speaking.

8
00:00:46.560 --> 00:00:51.589
Adriana Surfas: If you have questions, we ask that you please use the Q. And a. Box.

9
00:00:51.610 --> 00:00:57.630
Adriana Surfas: and that can be found at the bottom center left of your screen.

10
00:00:57.760 --> 00:00:59.949
So please

11

00:01:00.120 --> 00:01:17.639
Adriana Surfas: post post any questions you might have. There will be also opportunities throughout today's various presentations to ask questions. At these times we would ask that you raise your hand, and we and you will be able to unmute and ask your question when we're. When we call on you

12
00:01:18.070 --> 00:01:35.100
Adriana Surfas: to share opening remarks. We are pleased to be join by a number of folks, and as we get ready to go through that welcome, we're gonna start with the welcome. We will go through an overview of broadband, for for all.

13
00:01:35.240 --> 00:01:41.349
Adriana Surfas: Provide an overview of the middle mile broadband initiative, including the network itself and its purpose.

14
00:01:41.480 --> 00:01:56.260
Adriana Surfas: We will talk about the middle mile broadband initiative, the project, delivery, the design options, the strategies for avoidance. We will also have a presentation on also environmental and cultural focus.

15
00:01:56.280 --> 00:02:11.829
Adriana Surfas: This looks coordination and tools for communication project level consultation. We will have a overview of last mile connections, and then we will have an additional Q. A. And final discussion

16
00:02:11.990 --> 00:02:22.369
Adriana Surfas: with each of these presentation presentations there will be Q. A. At the conclusion of that presentation. So we won't all need to wait to that final Q. A. Towards the end.

17
00:02:22.670 --> 00:02:26.999
Adriana Surfas: And as we jump into our opening and welcome.

18
00:02:27.070 --> 00:02:37.889
Adriana Surfas: we're pleased to be joined by the Secretary of the Governor's office of Tribal Affairs, the Director of the California Department of Technology, the Director of the California Department of Transportation for Caltrans

19
00:02:37.910 --> 00:02:42.169
Adriana Surfas: and the Executive Director of the California Public Utilities Commission.

20
00:02:42.940 --> 00:02:51.950
Adriana Surfas: With that to begin this morning Sessions, I would like to introduce Secretary Christina Snyder with the Governor's office of tribal affairs. Secretary Snyder.

21
00:02:52.840 --> 00:02:54.500
Christina Snider: Great. Thank you.

22
00:02:54.800 --> 00:03:03.330
Christina Snider: Good morning, everyone, and thank you for joining us today to learn about the State's middle mile Broadband initiative, and how tribes can effectively engage in these processes.

23
00:03:03.350 --> 00:03:10.929
Christina Snider: My name is Christina Snyder, and I'm. A member of the Dry Creek crantry abandoned Pomo Indians and the Tribal Affairs Secretary for Governor Gavin Newsom.

24
00:03:10.960 --> 00:03:13.549
Christina Snider: and lead the Governor's office of Tribal Affairs

25
00:03:13.710 --> 00:03:17.310
Christina Snider: Today i'm joining you from the ancestral homelands of the Paduan Peoples

26
00:03:17.720 --> 00:03:28.390
Christina Snider: the Governor's office of tribal affairs informs the work of the Administration by coordinating and facilitating government to government communication and consultation with the 109 tribal governments in California.

27
00:03:28.630 --> 00:03:36.030
Christina Snider: each of which have diverse needs and priorities, and many of which are situated in historically underserved areas for broadbanded infrastructure

28
00:03:36.460 --> 00:03:45.670
Christina Snider: because of the unique challenges California tribal nations and citizens face and accessing sufficient broadband to meet the growing demands of a more Internet based society

29
00:03:45.760 --> 00:03:48.430
Christina Snider: economy and community care network.

30
00:03:48.550 --> 00:03:57.120
Christina Snider: The office is also a member of the California Broadband Council on the States broadband for all efforts to help inform their work as they pursue digital equity across California.

31
00:03:58.140 --> 00:04:08.189
Christina Snider: The new to administration and the State's broadband, for all program is committed to collaborating with tribal nations to address connectivity and digital equity needs and tribal lands in Indian country.

32
00:04:08.560 --> 00:04:11.340
Christina Snider: This has been the foundation of broadband for all.

33
00:04:11.750 --> 00:04:21.300
Christina Snider: We work closely with the Broadband Council to establish the States, California tribal broadband, connectivity, partnership, summit and tribal broadband for all round table in May, 2,022.

34
00:04:21.500 --> 00:04:37.860
Christina Snider: We're also working closely with Cdt, CPU and other State agencies over this next year and beyond, to ensure that the State's broadband for all program, and the State's digital equity plan are closely aligned, sensitive to and developed in collaboration with, sovereign tribal nations to address digital equity needs

35
00:04:38.140 --> 00:04:48.580
Christina Snider: with that in that in mind I encourage you to engage freely with the State folks present and follow up as needed to better understand not only how your nation or community might benefit from the middle mile, build out.

36
00:04:48.650 --> 00:04:59.430
Christina Snider: but also to inform the state of how to properly, respectfully and equitably engage with your tribal government to ensure that we are fully living up to our commitment, to work in a mutually collaborative manner with every tribe in the State.

37
00:04:59.880 --> 00:05:08.379
Christina Snider: Thank you. And I look forward to hearing more about your needs and priorities in this process as we move through today's agenda, and I believe i'll hand it off to Director Bailey.

38
00:05:08.950 --> 00:05:18.889

Liana Bailey-Crimmins: That. Thank you, Secretary Steider. Good morning. I am truly honored to be here with you today, talking about an essential topic at the top of all of our minds

39
00:05:18.910 --> 00:05:20.129
Liana Bailey-Crimmins: broadband. For all

40
00:05:20.200 --> 00:05:28.850
Liana Bailey-Crimmins: I am Leanna Bailey, Kremlin's, Director of the Department of Technology. The chair of the Middle Mile Advisory Committee and the California Broadband Council.

41
00:05:29.290 --> 00:05:32.349
Liana Bailey-Crimmins: just to remind her of a very sobering statistic.

42
00:05:32.640 --> 00:05:40.169
Liana Bailey-Crimmins: 28% of tribal lands do not have modern bromband services of 100 megabits per second.

43
00:05:40.360 --> 00:05:45.970
Liana Bailey-Crimmins: and millions of State residents lack access to connectivity devices.

44
00:05:46.010 --> 00:05:52.620
Liana Bailey-Crimmins: skills necessary to access essential services and realize social and economic benefits.

45
00:05:53.310 --> 00:05:58.570
Liana Bailey-Crimmins: Our goal is not only to provide connectivity, but affordable connectivity.

46
00:05:59.060 --> 00:06:03.650
Liana Bailey-Crimmins: Robin, for all is Governor Gavin Newsom's commitment to closing the digital divide

47
00:06:03.880 --> 00:06:11.640
Liana Bailey-Crimmins: and bringing Internet services to unserved and underserved houses, businesses, communities and tribal communities

48
00:06:12.550 --> 00:06:19.509
Liana Bailey-Crimmins: in June 2,021 Governor Gavin Gap, Governor Gavin news and signed senate bill 156 into law

49

00:06:19.540 --> 00:06:23.690
Liana Bailey-Crimmins: to construct the open access middle mile, broadband network

50
00:06:23.810 --> 00:06:34.199
Liana Bailey-Crimmins: the outcome is that the Internet service providers will now have the needed infrastructure to connect last mile to homes and to businesses.

51
00:06:34.600 --> 00:06:54.449
Liana Bailey-Crimmins: Cdt. And our partners that you will hear from today have worked at breakneck speeds to deliver many. First, the Middle Mile Advisory Committee first met in August of 2021 so just a few months after the Senate Bill was signed into law. And then our first 18 middle mile locations were announced

52
00:06:54.460 --> 00:06:56.380
Liana Bailey-Crimmins: November, 2,021,

53
00:06:56.650 --> 00:07:04.030
Liana Bailey-Crimmins: and then a full statewide network map of 10,000 miles was released in June of 2,022.

54
00:07:04.430 --> 00:07:13.410
Liana Bailey-Crimmins: Good news is that this past October we installed our first mill mile fiber connectivity in Poway, which is in San Diego County.

55
00:07:13.650 --> 00:07:33.410
Liana Bailey-Crimmins: and the pace has not stopped. In fact, this last month we put an entire system out to bid to get the construction companies to give us ideas of how to make sure that the dollar spreads as far as spot possible, so that we make our objectives and meet our timelines, and in January, which we're in mid month.

56
00:07:33.420 --> 00:07:35.820
Liana Bailey-Crimmins: we expect to make some key decisions

57
00:07:36.120 --> 00:07:38.990
Liana Bailey-Crimmins: on on those implementation plans.

58
00:07:39.230 --> 00:07:53.610
Liana Bailey-Crimmins: and so we need to be able to help our State determine the best way to using those Federal dollars to make sure

access, affordability, adoption, and digital equity and inclusion is met, and our objectives are seen to fruition.

59
00:07:53.910 --> 00:08:02.220
Liana Bailey-Crimmins: We look forward to collaborating with the tribal nations to ensure that the state's digital equity plan aligns with the needs of tribal communities.

60
00:08:02.570 --> 00:08:12.129
Liana Bailey-Crimmins: In closing. Thank you for the honor of speaking with you today, and now I like to turn it over and welcome Director Tony Tovaris from Caltrans.

61
00:08:13.420 --> 00:08:30.860
Tony Tavares: Thank you very much. Director Bailey. Crem ends. Good morning, everyone. As mentioned, I'm. Tony Tovaris, the director for the California Department at transportation, and it's a quite an honor to be here to speak with you this morning about the middle Mile broadband initiative during this regional tribal engagement session.

62
00:08:31.000 --> 00:08:36.889
Tony Tavares: We are extremely grateful for your participation and know your time is valuable. So we do want to be mindful of that.

63
00:08:37.090 --> 00:08:44.120
Tony Tavares: The digital divide and the resulting inequities have been a focus for decades and a challenge we have long worked to close.

64
00:08:44.390 --> 00:08:59.230
Tony Tavares: This effort became even more critical during the COVID-19 pandemic, and it really reinforced our reliance on high speed Internet. While also further highlighting the lack of equity and access to broadband throughout the State

65
00:08:59.640 --> 00:09:10.179
Tony Tavares: through the middle mile broadband initiative, we are prioritizing, bringing reliable high-speed Internet service to disadvantaged and unserved and underserved communities

66
00:09:10.480 --> 00:09:15.050
Tony Tavares: we're proud to support the California Department of Technology's efforts to create

67
00:09:15.430 --> 00:09:29.940

Tony Tavares: this middle mile network the physical infrastructure needed to enable Internet connectivity for homes, businesses, and community institutions throughout California, such as schools, libraries, hospitals, and medical facilities.

68
00:09:30.370 --> 00:09:40.689
Tony Tavares: Once fully constructed, the middle mile broadband network will serve as the backbone infrastructure to bring high speed Internet to as many Californians as possible.

69
00:09:41.000 --> 00:09:45.469
Tony Tavares: And this initiative is a significant and ambitious statewide undertaking.

70
00:09:45.610 --> 00:09:50.969
Tony Tavares: As we have a very short amount of time to fully construct the entire network.

71
00:09:51.430 --> 00:10:06.140
Tony Tavares: Caltrans has been tasked to deliver the 10,000 mile, middle mile broadband network infrastructure along with along key corridors of the State highway system. I know the direction and oversight of the California Department of Technology.

72
00:10:07.070 --> 00:10:13.120
Tony Tavares: This means that Caltrans is responsible for the completion of all project Level environmental studies.

73
00:10:13.170 --> 00:10:22.269
Tony Tavares: compliance, documentation, design, and construction of the middle mile broadband network projects in all 12 of our districts.

74
00:10:22.630 --> 00:10:31.110
Tony Tavares: and for these projects districts will continue outreach to culturally affiliated tribes for project-level consultations.

75
00:10:31.180 --> 00:10:39.160
Tony Tavares: Some tribal governments may have already been in communication with our districts, and we we encourage you to continue that communication

76
00:10:39.870 --> 00:10:44.279
Tony Tavares: with respect to broadband tribes are considered unserved, and

77
00:10:44.400 --> 00:10:54.289
Tony Tavares: an unserved or underserved area has households that do not reliably have a download Internet speed of at least 25 megabits per second

78
00:10:54.790 --> 00:10:59.670
Tony Tavares: and upload Internet speeds of at least 3Â MB per minute per second.

79
00:10:59.850 --> 00:11:02.860
Tony Tavares: According to the California Public Utilities Commission.

80
00:11:03.110 --> 00:11:10.620
Tony Tavares: 25% of Californians who are unserved are within 10 miles of federally recognized tribal lands.

81
00:11:11.160 --> 00:11:25.550
Tony Tavares: Cow Trans. Looks forward to our continued collaboration with tribal cultural leaders through early coordination, engagement, and consultation, to promote the protection of tribal heritage and meaningful historic preservation. Outcomes.

82
00:11:26.060 --> 00:11:38.859
Tony Tavares: We recognize the best project. Solutions only happen when strong tribal, regional and local government relationships are maintained to allow us to leverage everyone's Input ideas and resources.

83
00:11:39.470 --> 00:11:47.600
Tony Tavares: Our goal is that meetings like this, and regular communication and coordination with our Cal Trans Travel Relations Staff

84
00:11:47.730 --> 00:11:54.659
Tony Tavares: will allow us to work collaboratively to best consider and address the needs of all tribal nations.

85
00:11:55.280 --> 00:12:03.799
Tony Tavares: We appreciate this opportunity to share more with you about the broadband, middle Mile initiative, and how we can engage on this important endeavor.

86
00:12:03.980 --> 00:12:14.510
Tony Tavares: We know there may be a number of questions and petition challenges ahead, but we see the vital role broadband plays in our lives, and the value in what we are doing

87
00:12:14.990 --> 00:12:21.250
Tony Tavares: with school work and health care increasingly or completely available online.

88
00:12:21.390 --> 00:12:25.219
Tony Tavares: The ability for people to access and use broadband

89
00:12:25.380 --> 00:12:30.749
Tony Tavares: could be the difference between being able to fully engage in life or being cut off

90
00:12:31.250 --> 00:12:37.529
Tony Tavares: While Caltrans is typically about roads and highways, we are ultimately about connecting people.

91
00:12:37.900 --> 00:12:48.060
Tony Tavares: and that is also what the broadband middle mile initiative is connecting communities and bringing opportunities for economic prosperity to all Californians.

92
00:12:48.420 --> 00:12:54.889
Tony Tavares: We look forward to enhancing our partnership in our collaboration with all of our tribal governments.

93
00:12:55.240 --> 00:13:07.690
Tony Tavares: I want to thank you again for this opportunity to engage with you this morning, and right now I'd like to turn it over to the Executive Director of the California Public Utilities Commission, Ms. Rachel Peterson.

94
00:13:10.280 --> 00:13:17.720
Rachel Peterson: Good morning. Thank you very much. Director Tovaris as well to Secretary Snyder and Director Bailey Kremens

95
00:13:17.840 --> 00:13:20.850
Rachel Peterson: for the invitation to join you today.

96
00:13:21.000 --> 00:13:39.540
Rachel Peterson: Hello to all the tribal representatives who've joined us as well. I'm very pleased to be here in support of the partnership between the Statewide Middle Mile project and our last mile programs. We are working together to bring this once in a generation funding to California

97
00:13:39.550 --> 00:13:42.750
Rachel Peterson: to build in Internet infrastructure.

98
00:13:42.770 --> 00:13:48.740
Rachel Peterson: I am Rachel Peterson. I am the executive director of the California Public Utilities Commission.

99
00:13:48.940 --> 00:13:59.770
Rachel Peterson: Our agency's mission is to regulate utilities, so that people across California have access to clean, affordable, reliable utility services.

100
00:14:00.020 --> 00:14:13.529
Rachel Peterson: The CPU has a broad portfolio in electric and gas policy and regulation safety water transportation. And as i'll talk about later in this agenda.

101
00:14:13.620 --> 00:14:22.569
Rachel Peterson: we have communications programs as well. These are last mile and other programs that directly impact your lives in Indian country.

102
00:14:23.090 --> 00:14:37.099
Rachel Peterson: I thank you for coming today to hear about these initiatives, because the pandemic definitely ended the debate over whether broadband is a necessity, and nowhere has that been more clear than where you are

103
00:14:37.860 --> 00:14:43.920
Rachel Peterson: since the State Legislature and the Governor enacted Senate Bill, 156 in 2,021

104
00:14:43.960 --> 00:14:54.050
Rachel Peterson: alongside the 3.2 billionfor Middle mile. We've also invested over 2.7, 5 billionfor last mile programs.

105
00:14:54.360 --> 00:15:09.950
Rachel Peterson: These new programs have an emphasis on empowering tribes and local governments to solve the digital divide. We think that helping your initiatives and supporting your partnerships is critical to getting people connected in areas of the State

106
00:15:09.960 --> 00:15:16.470

Rachel Peterson: where traditional Internet service providers will not go, and where mobile coverage is not as good.

107
00:15:16.660 --> 00:15:27.779
Rachel Peterson: Our programs at the CPU, C. Are designed to help you get there, and I hope you'll be able to tune in for the entire program to hear our last mile discussion towards the end.

108
00:15:27.890 --> 00:15:34.280
Rachel Peterson: Thank you again for your time, and we at the Cpc. Look very much forward to continuing to work with you.

109
00:15:34.480 --> 00:15:36.650
Rachel Peterson: Thank you and back to you, Adriana.

110
00:15:37.520 --> 00:15:46.129
Adriana Surfas: Thank you. I want to thank everybody for the welcoming remarks. With that. If you will advance to the next slide

111
00:15:46.340 --> 00:16:04.260
Adriana Surfas: We are joined today by a number of executives from our districts. We are joined today by Richard Mullen, who is the deputy district, one director for program project management. Dave David Moore, who is the district, 2 director.

112
00:16:04.270 --> 00:16:19.360
Adriana Surfas: Amerji Ben Paul, who is the district, 3 director, and Dina el Towanzi, who is the district for director, and we're going to have some opening, some brief opening comments and remarks from them, Richard.

113
00:16:21.160 --> 00:16:26.469
Richard Mullen: Yeah, good morning, everybody. First off. It's great to be a part of this

114
00:16:26.600 --> 00:16:34.630
Richard Mullen: group and sharing ideas and and being able to work on getting the broadband to the underserved and tribal areas.

115
00:16:34.880 --> 00:16:39.760
Richard Mullen: My name, as you said, My name is Richard Mon. I'm. The deputy district, one director for district one

116
00:16:40.020 --> 00:16:41.830

Richard Mullen: that our district covers

117
00:16:41.940 --> 00:16:43.500
Richard Mullen: down, or humble

118
00:16:43.870 --> 00:16:46.120
Richard Mullen: Mendocino and Lake counties

119
00:16:46.220 --> 00:16:47.619
Richard Mullen: on the north coast.

120
00:16:49.470 --> 00:16:53.119
Richard Mullen: In our district we have a significant amount of

121
00:16:53.210 --> 00:16:57.280
Richard Mullen: registered tribes, and I myself am a member of the Europe
tribe.

122
00:16:57.360 --> 00:17:03.269
Richard Mullen: with ancestors from the crew tribes. So so, being a part
of this effort

123
00:17:03.400 --> 00:17:06.479
Richard Mullen: and parting with the Cdt has been a

124
00:17:06.740 --> 00:17:07.500
Richard Mullen: okay

125
00:17:07.680 --> 00:17:11.300
Richard Mullen: good effort and and honorable one.

126
00:17:11.650 --> 00:17:14.259
Richard Mullen: I know I have many family members that

127
00:17:14.839 --> 00:17:29.510
Richard Mullen: over the years I've had to travel from their homes to a a
centralized area anywhere from 10 to 15 miles, just to get to a a
computer, for that matter, but sometimes to get to broadband service, to
just apply for colleges.

128
00:17:30.940 --> 00:17:35.119

Richard Mullen: I like to say that in our district we have approximately 785

129
00:17:36.640 --> 00:17:38.340
Richard Mullen: broadband miles

130
00:17:38.520 --> 00:17:44.600
Richard Mullen: that we're working on, and of those were approximately 100 miles, are within tribal lands.

131
00:17:45.940 --> 00:17:52.840
Richard Mullen: things that we have to work with are are in partnering, are identifying the cultural areas.

132
00:17:53.120 --> 00:17:58.139
Richard Mullen: because in our and within our right away within district one most of these areas are very narrow

133
00:17:58.330 --> 00:18:03.510
Richard Mullen: highways, with a little shoulder to narrow, rugged.

134
00:18:03.560 --> 00:18:05.039
Richard Mullen: mountainous corridors.

135
00:18:06.190 --> 00:18:07.630
Richard Mullen: We have bridges.

136
00:18:07.870 --> 00:18:18.729
Richard Mullen: very shallow coverts and areas of geotechnical, unstable areas that require good partnerships with with the tribes and other agencies, as well as

137
00:18:20.160 --> 00:18:23.580
Richard Mullen: fishing Wildlife Coast Commission in areas like that.

138
00:18:24.970 --> 00:18:29.049
Richard Mullen: So in concluding, I'm just very honored to be a part of this effort

139
00:18:29.480 --> 00:18:31.700
Richard Mullen: we look forward to hearing questions

140

00:18:31.870 --> 00:18:35.520
Richard Mullen: and being able to partner with the tribal leaders

141
00:18:35.800 --> 00:18:37.480
Richard Mullen: a amongst our area.

142
00:18:37.780 --> 00:18:40.460
Richard Mullen: and i'll pass it on. Pass it back to you, Adrian.

143
00:18:42.700 --> 00:18:43.890
Adriana Surfas: Thank you, Richard.

144
00:18:43.980 --> 00:18:50.529
Adriana Surfas: I would now like to hand it over to Dave Moore, the district to Director Dave.

145
00:18:58.100 --> 00:19:09.379
Adriana Surfas: I know I know Dave was on just a moment ago, but there may be he may be encountering some wi-fi challenges this morning. So it's a stadium. Can you hear Perfect?

146
00:19:09.400 --> 00:19:11.040
Adriana Surfas: Yes, good morning.

147
00:19:11.490 --> 00:19:15.109
David Moore: Good morning, everyone. Davemore district 2 director.

148
00:19:15.160 --> 00:19:21.560
David Moore: a little bit about District 2. We do cover the 7 northeastern counties here in California.

149
00:19:21.850 --> 00:19:28.159
David Moore: Lassa and Plumas, Modok, Siskew, Shasta, Tahman, and Trndy counties

150
00:19:28.320 --> 00:19:34.730
David Moore: a very large district, one of the largest in the State. There's nearly 28,000 square miles.

151
00:19:34.760 --> 00:19:41.340
David Moore: and it's mostly rural in nature. Once you get out of side of the I 5 area.

152
00:19:41.730 --> 00:19:50.609
David Moore: In this case we're looking at about 1,300 miles, or a little less than 1,300 miles of middle mile broadband network, that we will be

153
00:19:51.000 --> 00:19:53.920
David Moore: overseeing and installing.

154
00:19:53.960 --> 00:20:02.300
David Moore: Most of those will be along these 2 lane conventional highways, serving those rural communities that that were previously talked about

155
00:20:04.330 --> 00:20:13.789
David Moore: a little bit. There are several tribal groups of almost 30 tribal groups here in District 2 with 16 of those that are fairly recognized.

156
00:20:14.000 --> 00:20:24.230
David Moore: Caltrans alongside Cdt. Will continue to actively work with all the local tribes to examine opportunities, solve issues and reduce eliminate worries

157
00:20:24.520 --> 00:20:29.700
David Moore: that may arise with these projects, as well as continue to engage and outreaching efforts

158
00:20:29.860 --> 00:20:30.650
David Moore: of

159
00:20:30.800 --> 00:20:34.520
David Moore: hoping to avoid potential conflicts wherever possible.

160
00:20:34.830 --> 00:20:40.319
David Moore: and and including the tribes. In those discussions. As we as we deliver these projects.

161
00:20:40.520 --> 00:20:44.040
David Moore: we would look forward to seeing this success.

162
00:20:44.440 --> 00:20:48.570
David Moore: and hopefully hopefully bringing that broadband

163

00:20:49.010 --> 00:20:53.230
David Moore: access to all the communities out there across the district.

164
00:20:53.970 --> 00:20:55.370
David Moore: Thanks, and your Honor

165
00:20:55.630 --> 00:20:56.280
great.

166
00:20:56.400 --> 00:20:57.510
Adriana Surfas: Thank you.

167
00:20:57.710 --> 00:21:03.770
Adriana Surfas: And we are also joined today by District 3 director, Amargei Bennetopol.

168
00:21:04.870 --> 00:21:12.439
Amarjeet Benipal: Thank you, Adriana. Good morning. Everyone. Thanks for actually allowing us the opportunity to join you today. It's been certainly a

169
00:21:12.540 --> 00:21:16.990
Amarjeet Benipal: pleasure and honor to be actually having the discussion, and not only from

170
00:21:17.060 --> 00:21:21.899
Amarjeet Benipal: State Government perspective, but also trying to make sure we are engaging our driver

171
00:21:22.030 --> 00:21:23.629
Amarjeet Benipal: governments in this

172
00:21:23.670 --> 00:21:26.959
Amarjeet Benipal: such a monumental task which we are here to accomplish.

173
00:21:27.030 --> 00:21:30.640
Amarjeet Benipal: to provide the broadband connectivity to all California

174
00:21:30.940 --> 00:21:38.159
Amarjeet Benipal: in District 3 we actually have 11 counties, mostly along i-five. We got Glenn Cruz a Yellow and a Sacramento.

175

00:21:38.300 --> 00:21:41.719
Amarjeet Benipal: and on the northerly side we got but

176
00:21:41.740 --> 00:21:45.939
Amarjeet Benipal: Sierra, and in the Vera in the central district 3
regard to you, but in a.

177
00:21:45.970 --> 00:21:50.950
Amarjeet Benipal: and on the southernly side we are have Alberta and Plas
of counties.

178
00:21:51.120 --> 00:21:57.400
Amarjeet Benipal: We are flanched up on to the westerly side by district,
one and a northerly side by district, 2

179
00:21:57.430 --> 00:22:03.500
Amarjeet Benipal: and south westerly by district 4, which you will be
hearing shortly, and then also by district 10

180
00:22:03.690 --> 00:22:07.590
Amarjeet Benipal: to the south easterly side. But with the 11 counties

181
00:22:07.670 --> 00:22:13.689
Amarjeet Benipal: we actually are going to be able to accomplish almost
982 miles up a broadband

182
00:22:13.820 --> 00:22:17.530
Amarjeet Benipal: within our State highway system to provide this
connective a.

183
00:22:17.780 --> 00:22:25.399
We wanted to make sure that not only we actually have our preliminary
work, which is under way by our environmental staff.

184
00:22:25.590 --> 00:22:31.239
Amarjeet Benipal: We are going to be taking on the detailed studies from
cultural perspective in the springtime.

185
00:22:31.310 --> 00:22:37.160
Amarjeet Benipal: and as we embark upon the construction aspect we wanted
to make sure we're working with

186
00:22:37.210 --> 00:22:42.120

Amarjeet Benipal: our tribal governments on the monitoring aspect during the construction fees.

187
00:22:42.280 --> 00:22:49.299
Amarjeet Benipal: to avoid or minimize any kind of impacts to our resources, which we want it to be very respectful of.

188
00:22:49.530 --> 00:23:02.309
Amarjeet Benipal: And this process, during all of these process we wanted to make sure we actually have an open engagement with all of you and our D. Next are always available from district 1, 2, and 3

189
00:23:02.350 --> 00:23:09.060
Amarjeet Benipal: able to assist and answer any questions at any time. So please Don't hesitate to contact us

190
00:23:09.100 --> 00:23:28.879
Amarjeet Benipal: during this meeting. But more importantly, after this meeting, because most of the heavy lifting is going to be taking place after we are done with this conversation, which is a very important conversation. But we need to make sure our team members are able to work with our tribal members to accomplish what we need to a complete over next couple of years.

191
00:23:28.940 --> 00:23:33.010
Amarjeet Benipal: so look forward to our ongoing partnership and conversations.

192
00:23:33.130 --> 00:23:38.439
Amarjeet Benipal: and then look forward to any of the questions which might be coming up during our conversation today.

193
00:23:38.560 --> 00:23:40.970
Amarjeet Benipal: So with that Adriana back to you.

194
00:23:41.840 --> 00:23:53.399
Adriana Surfas: Thank you. Thank you. Emerge. And with. With that we will now hand it over to our remaining district district. 4 director, Dina el Tawani Dina.

195
00:23:53.970 --> 00:24:04.870
Dina El-Tawansy: Good morning, everyone. I'm really honored to be here and look forward to enhancing this partnership. My name is Dean alright. And I serve as the Kel Trans Bay Area district director.

196
00:24:04.950 --> 00:24:08.380
The Bay area district covers 9 counties.

197
00:24:08.410 --> 00:24:14.450
Dina El-Tawansy: We've got a solano, Sonoma, and app, and we're into the north, San Francisco and some material to the west

198
00:24:14.560 --> 00:24:19.529
Dina El-Tawansy: and Santa Clara County to the south, and then Contra Costa and Elimida County to the east

199
00:24:19.930 --> 00:24:27.549
Dina El-Tawansy: district 4 is tasked with putting in 922 miles of broadband middle miles network

200
00:24:27.590 --> 00:24:33.029
Dina El-Tawansy: infrastructure. We have bundled these into 128 segments

201
00:24:33.120 --> 00:24:36.300
Dina El-Tawansy: that are grouped into 43 projects.

202
00:24:36.630 --> 00:24:42.809
Dina El-Tawansy: We really look forward to working with all of you during the construction of these projects.

203
00:24:42.940 --> 00:24:51.180
Dina El-Tawansy: A lot of these projects are already in the environmental phases. We are clearing them right now, and we look forward to having them in construction as soon as possible.

204
00:24:51.350 --> 00:24:57.399
Dina El-Tawansy: Our ultimate deadline, of course, is to complete all this work no later than december 2026.

205
00:24:57.520 --> 00:25:05.640
Dina El-Tawansy: As we work through these project challenges and opportunities. We look forward to engaging very closely with your tribal members.

206
00:25:05.710 --> 00:25:14.079
Dina El-Tawansy: and make sure that the communication is flowing on a continuous basis as emerge it mentioned not only through this form, but

207
00:25:14.210 --> 00:25:19.969
Dina El-Tawansy: please feel feel free to reach out to any of us at any time. If you have any questions, concerns.

208
00:25:20.010 --> 00:25:24.080
Dina El-Tawansy: or anything on your mind related to any of this work that we are going through.

209
00:25:24.340 --> 00:25:31.529
Dina El-Tawansy: We look forward to successful completion of these projects, and we look forward to continue the engagement with with all of you.

210
00:25:31.700 --> 00:25:32.560
Dina El-Tawansy: Thank you.

211
00:25:33.920 --> 00:25:42.010
Adriana Surfas: Thank you, Dina. I would like to thank all of our executive leadership from Caltrans, as well as the leadership from

212
00:25:42.140 --> 00:26:00.500
Adriana Surfas: the office of tribal affairs, from California Department of Technology, as well as the CPU c. So appreciate the the welcome. I do need to make one announcement that for some folks Q. A. May not be appearing on your screen.

213
00:26:00.510 --> 00:26:11.609
Adriana Surfas: so given that if, as we go through this, the presentations of folks have questions. Please raise your hand, and

214
00:26:11.650 --> 00:26:24.709
Adriana Surfas: we will. We will call on you to ask your question additionally. Throughout the presentation you will see a number of email addresses, an email addresses, contact information as well as

215
00:26:24.730 --> 00:26:32.719
Adriana Surfas: the outreach that the district directors and the district leadership have just it extended.

216
00:26:32.970 --> 00:26:36.109
Adriana Surfas: So with that if we can go to the next slide, please.

217
00:26:36.270 --> 00:26:47.599

Adriana Surfas: and I will hand this over to Scott Adams, who is the Deputy Director for the Broadband and Digital Literacy Office at the California Department of Technology. Scott.

218
00:26:48.480 --> 00:27:03.730
Scott Adams: Thank you, Adrienne. And I just want to say, thanks to all of the previous State leaders who provided in common. It's, Adriana said. My name is Scott Adams. I'm. The deputy director of Broadband digital literacy within the Department of

219
00:27:03.750 --> 00:27:15.279
Scott Adams: technology and our office. It really works like coordinate the States broadband for all program and initiatives through the the California Broadband Council and the Middle Mile advisory committee.

220
00:27:15.290 --> 00:27:30.660
Scott Adams: Our goal here today is to to really work with you all and enhance the understanding and awareness of the broadband for all program, and to grow our partnership in collaboration with the tribal nations here in California, and really

221
00:27:30.830 --> 00:27:46.459
Scott Adams: stress that we're committed to assisting and addressing connectivity and digital equity needs on travel lands and Indian country. Well, today the focus is going to be on the mill mile broadband initiative. We always want to make sure that we provide context of the entire broadband for all program

222
00:27:46.470 --> 00:27:50.960
Scott Adams: and the other initiatives. Could you please change the slide?

223
00:27:52.390 --> 00:28:08.830
Scott Adams: Great, I think, is, you know, Director Tovari said, we really wanted to stress that in today's Internet and technology dependent society, the ability to access and use broadband is the difference between being able to fully engage in life

224
00:28:08.920 --> 00:28:10.349
Scott Adams: and being cut off

225
00:28:10.650 --> 00:28:12.070
Scott Adams: next slide, please.

226
00:28:13.300 --> 00:28:26.649
Scott Adams: And it's, you know. Previous figures had mentioned broadband for all he's. The governor's commitment, and and you know the States overarching program to closing the digital divide on tribal lands and throughout the State.

227
00:28:26.740 --> 00:28:36.480
Scott Adams: And this program is really designed to, You know, address 4 different components that's access, making sure that there is

228
00:28:36.490 --> 00:28:53.390
Scott Adams: infrastructure out to provide and deploy services throughout the State and on tribal lands, to address affordability, so that that service that is empowered is is affordable to all users, to work, to increase the adoption of

229
00:28:53.400 --> 00:29:04.370
Scott Adams: both Internet service and and other technologies, and then ultimately create pathways to digital literacy, and further enable digital inclusion.

230
00:29:04.380 --> 00:29:22.820
Scott Adams: you know, which means access to a central services education, and really making sure that we do all we can to support residents on travel lands being able to to fully exercise the social and economic benefits of being online next slide, please.

231
00:29:24.580 --> 00:29:44.460
Scott Adams: So this slide here is really just intended to to demonstrate that both the evolution and the complexity of the States broadband for all program, what is really unique to the State is that the Broadband Council was established in 2,010, and it's a a multi agency coordinated effort.

232
00:29:44.470 --> 00:29:56.700
Scott Adams: The Department of Technology, the Public Utilities Commission, Cal. Trans. And the office of tribal affairs are all members of of that entity, and and you know, for over a decade of work to

233
00:29:56.750 --> 00:30:12.389
Scott Adams: promote broadband deployment and adoption throughout the State and on tribal lands and on an unserved communities, is determined by the public Utilities Commission, as all of us learn during the pandemic, you know. Significant inequities were.

234

00:30:12.400 --> 00:30:21.289
Scott Adams: you know, both amplified as part of the digital divide and and exacerbated so executive order

235
00:30:21.300 --> 00:30:34.700
Scott Adams: in that 73 20 or the Governor's broadband executive order was implemented in 2020 to address those, and directed the Broadband Council to develop account. State wide broadband

236
00:30:34.750 --> 00:30:52.150
Scott Adams: Action Plan, which was done in just 4 months during the pandemic and and completed in December of 2020, and that plan really identified and assigned responsibilities to a number of seed entities to that. You know

237
00:30:52.160 --> 00:31:09.900
Scott Adams: these actions when completed, you could really, you know, move the ball forward on closing the digital divide. What the next development was Senate Bill, 1 56 and 2021 really historic legislation that that the legislature and the governor passed that established the

238
00:31:09.910 --> 00:31:22.510
Scott Adams: both the framework and the structure, and also tremendous amount of funding to establish the middle Mile broadband initiative which you'll hear about in the last, while programs that are both

239
00:31:22.620 --> 00:31:41.519
Scott Adams: complementary and you know the CPU, c. We'll talk more about those. Lastly, given the aims of broad, and for all we are doing everything we can at the State to leverage. You know the State's fair share of over 65 billionin new funding. That was

240
00:31:41.530 --> 00:31:55.190
Scott Adams: outline as part of the infrastructure investment in Jobs act in 2,021. The yellow boxes at the bottom of the slide are a number of those programs. The affordable connectivity program is a residential subsidy

241
00:31:55.200 --> 00:32:13.419
Scott Adams: in the Digital Equity Act programs and the broadband equity, access and employment. We'll talk a little bit about that. We are also committed to helping support. You know our Travel nation partners, and both increasing awareness and applying for the third

242
00:32:13.430 --> 00:32:17.739

Scott Adams: programs indicated in the yellow buckets on the right next page. Please

243
00:32:19.800 --> 00:32:38.539
Scott Adams: real quick. Just wanted to focus that the the the goals of the State under broadband for all we're outlined in that action plan, and those are that all residents in California, and those on travel lines have access that high performance broadband at home schools, libraries, and businesses, that

244
00:32:38.550 --> 00:32:49.570
Scott Adams: all those folks have access to affordable broadband and necessary devices, and then they, those folks, have access to training and support to enable digital inclusion. Next slide, please.

245
00:32:50.930 --> 00:33:07.420
Scott Adams: One thing we would like to flag for you is, in addition to the investments of Sb. 1, 56, and then next year both the Department of Technology and the Poc are going to be doing expensive planning and

246
00:33:07.560 --> 00:33:26.370
Scott Adams: to to develop both the bee. Your bead. 5 Year Action Plan and a digital equity plan to determine how the State will spend its share of well over a combined 45 billiondollars it through the broadband equity, access and deployment

247
00:33:26.380 --> 00:33:44.449
Scott Adams: program and the digital equity planning capacity Grants wanted to make sure to stress that we are eagerly, you know, wanting to to partner with you and your tribal nations on developing these plans.

248
00:33:44.460 --> 00:33:48.780
Scott Adams: to help address the needs on your lands next line, please.

249
00:33:51.460 --> 00:34:09.090
Scott Adams: As far as the joint planning process that will occur on digital equity plan and be leverage to support the PC's process. We've established a state like planning group. Those will have virtual meetings. We've developed out primary working groups.

250
00:34:09.100 --> 00:34:27.359
Scott Adams: We'll conduct a a stay. What digital equity survey and and surveys. We'll be conducting local and regional outreach events, and we would very much like to engage with you and your nations at these meetings.

251
00:34:27.370 --> 00:34:30.429
Scott Adams: and then do ongoing, statewide public engagement

252
00:34:30.639 --> 00:34:31.929
Scott Adams: next slide, please.

253
00:34:33.780 --> 00:34:41.900
Scott Adams: So we've added a link here, and we would encourage you or
the appropriate testing these from your

254
00:34:41.920 --> 00:34:47.910
Scott Adams: travel nation to go and and tell us how you would like to
participate. We strongly.

255
00:34:47.929 --> 00:35:05.780
Scott Adams: you know, urge you to do so. We understand that we've shared
a a ton of information today, and we will share a lot more on these
related and complementary programs. We just want to stress that we're
eager to partner with you to align.

256
00:35:05.790 --> 00:35:24.889
Scott Adams: and we know that assistance is necessary to navigate all
these programs and to figure out how they fit together. We are committed
to doing that, you know, in partnership with you all to support the
broadband and digital equity needs of of, you know, travel nations, and
those residents on travel lands, and

257
00:35:24.900 --> 00:35:28.260
Scott Adams: thank you very much that for my presentation.

258
00:35:29.140 --> 00:35:31.790
Adriana Surfas: Thank you. Scott. Next slide, please.

MMBI Summary

259
00:35:32.450 --> 00:35:40.540
Adriana Surfas: I would now like to introduce Mark Monroe, who is the
deputy director to provide an overview of the Middle Mile Broadband
initiative. Mark

260
00:35:40.810 --> 00:35:42.339
Mark Monroe: you, all right. Yes, thank you.

261
00:35:42.540 --> 00:35:51.330
Mark Monroe: Thank you, Scott, and good morning to all of our participants. I'm. Mark Monroe, the deputy director for the Middle Mile broadband initiative program here at Cbt.

262
00:35:51.930 --> 00:36:14.260
Mark Monroe: I'm gonna jump to the next slide here as has been noted the 2,021 in 2,022 budget packages, provided a total of 3.8 billiondollars in primarily Federal American rescue Plan Act or Arpa funds for Cdt to develop a statewide middle mile network along the State highway system. To connect the State's unserved and underserved communities.

263
00:36:14.310 --> 00:36:24.239
Mark Monroe: This is, in addition to the 2.7, 5 billiondollars. The package provided a support. Last mile connectivity. That executive Director Peterson, has noted.

264
00:36:25.170 --> 00:36:37.329
Mark Monroe: Success of the Mmbi depends heavily on Caltrans doing the pre-construction work, such as permitting and design as well as construction contracting and project oversight work. During that during the construction

265
00:36:37.620 --> 00:36:56.840
Mark Monroe: based on a a robust public input process. Cdt work with the the California Public Utilities Commission and the third party Administrator Golden State Net to develop the map we see here which reflects Mmbi Network development along 10,000 miles of Caltrans Overall, 15,000 miles.

266
00:36:58.330 --> 00:37:05.419
Mark Monroe: Some of the challenges we want everybody to be aware of include first of all costs based on the estimates

267
00:37:05.470 --> 00:37:14.470
Mark Monroe: available, that the 3.8 billiondollars that has been provided while significant, is not expected to be enough funding for the State to build the entire network.

268
00:37:14.640 --> 00:37:27.179
Mark Monroe: and and similarly, in terms of the schedule, the Federal timeframe relative to the Arpa funds are not consistent with the way the Cal Trans. Would normally approach its transportation projects the

269
00:37:27.190 --> 00:37:37.970

Mark Monroe: in terms of the Federal funds they are but funding they must be under contract by 20 December 2024, and the work has to be completed in the contracts lipidated by December of 2,026

270
00:37:37.990 --> 00:37:44.310
Mark Monroe: so very challenging timeframes for a 10,000 mile. Public works project

271
00:37:44.490 --> 00:38:01.109
Mark Monroe: to mitigate. Against these challenges we anticipate Iru leases of existing infrastructure will be needed, and cdt is currently assessing the availability and affordability of existing infrastructure for lease, since it remains our goal to reach all 10,000 miles.

272
00:38:01.120 --> 00:38:04.540
Mark Monroe: and the associated, unserved and underserved communities

273
00:38:05.170 --> 00:38:08.659
Mark Monroe: to meet the Federal timeframes. It was important.

274
00:38:09.020 --> 00:38:16.110
Mark Monroe: following completion of the app to have Cal Trans. Again. It's permitting and design work as early as possible on all of the potential miles.

275
00:38:16.270 --> 00:38:21.209
Mark Monroe: which was why we worked to release the full 10,000 mile map. This past May.

276
00:38:21.360 --> 00:38:22.470
Mark Monroe: and

277
00:38:22.510 --> 00:38:28.960
Mark Monroe: we have also been working with Caltrans to find ways to expedite its State and Federal permitting efforts.

278
00:38:29.270 --> 00:38:40.509
Mark Monroe: The Mmbi project is intended to connect unsurred, and I'm. Sure communities throughout the State, and we are happy to have the opportunity to meet today to discuss the potential benefits of the Mmbi Network

279
00:38:40.540 --> 00:38:49.550

Mark Monroe: Project to california's, travel communities and to talk through approaches, you know, to system development in particular, as it relates to tribal lands.

280
00:38:50.370 --> 00:38:51.460
Mark Monroe: Next slide

281
00:38:53.400 --> 00:39:00.129
Mark Monroe: as Director Bailey Premins has noted system. Construction has already been done in in San Diego County in Poway.

282
00:39:00.290 --> 00:39:13.490
Mark Monroe: This is this is an example of some early big, smart opportunities that Cal Trans. Has been exploring where fiber infrastructure can be added to existing transportation projects. But transportation projects are usually not

283
00:39:13.510 --> 00:39:30.630
Mark Monroe: not in the scale or or magnitude that that we need to do for this Mbi project so more broadly, we wanted to talk through the primary construction approaches, that we are using s p 156, provided some alternatives to the to capture and standard design, bid build, approach.

284
00:39:30.640 --> 00:39:40.599
Mark Monroe: These include a construction manager, general contractor, where Cal Trans. Will bring on a a a contract, or early in the design process to help

285
00:39:40.760 --> 00:39:52.699
Mark Monroe: help design something that can be built quickly and work, you know, and and efficiently and and hopefully cost effectively. And then the other one is it's job or contracting? And this allows the State to go out and

286
00:39:52.740 --> 00:39:58.760
Mark Monroe: and get bids. You can see here. This is a identified here in blue, where lots of state to go out and

287
00:39:59.010 --> 00:40:11.699
Mark Monroe: and get bids on a number of projects, or on on areas rather and and and without necessarily committing to having to to build all of those areas. But it helped us to understand

288
00:40:11.710 --> 00:40:28.330

Mark Monroe: where we need to build, or how much it's going to cost in the various sections, and then it really allows the the the construction companies to mobilize staff and equipment as we move forward here to to start construction earlier

289
00:40:29.090 --> 00:40:30.669
Mark Monroe: and move to the next slide.

290
00:40:32.020 --> 00:40:50.649
Mark Monroe: So Cdt and Caltrans are currently reviewing bits from several major contract solicitations that we released in in towards the end of 2,022. These include first one here, which is, we call it Rfi. Squared it's really a solicitation for solutions. What we did is, go out to industry and say, Well, we have 10,000 miles.

291
00:40:50.850 --> 00:41:00.209
Mark Monroe: Well, we're exploring what it will take for Caltrans to to build all 10,000 miles. We're interested in any existing infrastructure that we might be able to

292
00:41:01.110 --> 00:41:16.500
Mark Monroe: lease any any potential opportunities for for joint builds with with partners, industry, partners, or any partners really where we can share the construction costs which make up the majority of the costs and network as well as co-location facilities for our electronics.

293
00:41:16.780 --> 00:41:28.059
Mark Monroe: Similarly, we have a reference to the job order contracts. We have went up to bid for 5,100 miles of of job, order, contract

294
00:41:28.090 --> 00:41:29.189
Mark Monroe: construction.

295
00:41:29.240 --> 00:41:46.749
Mark Monroe: and so that is something we're also reviewing. We've received bids on those. And when we're looking we we're just in the process of going through those currently and as well as Caltrans has, you know, with their experience, having used Cmgc contracts, they've gone out for the districts are have developed, or going out for

296
00:41:46.760 --> 00:41:57.259
Mark Monroe: 1,700 miles there, so you can see that with the you know, we're at 6,800 miles of construction contracts that are being entertained currently. So

297

00:41:57.420 --> 00:42:01.900
Mark Monroe: try and move this project along to to really meet those Federal deadlines

298
00:42:02.140 --> 00:42:03.250
next slide.

299
00:42:05.040 --> 00:42:10.629
Mark Monroe: Here you can see what Cal trans is identified in terms of where the system is expected to be located.

300
00:42:10.680 --> 00:42:16.110
Mark Monroe: While it is intended to connect communities, it doesn't necessarily go through all communities.

301
00:42:16.210 --> 00:42:30.280
Mark Monroe: We want all of the States travel communities to know where the network will be and how can benefit these travel communities? And and next Cal Trans is gonna walk us through its processes in working with the tribes and and developing the project.

302
00:42:30.300 --> 00:42:34.070
Mark Monroe: But before we move on I go to the next slide.

303
00:42:35.380 --> 00:42:48.879
Mark Monroe: You can see that the schedule used at the Mmac meetings. We encourage everyone to attend these quarterly, and may see meetings. The next one will be held this next Friday at 100'clock in the morning online.

304
00:42:50.050 --> 00:42:58.709
Mark Monroe: These are these are help virtually, and they really are helpful in in providing the the public. And anybody who's interested a way of tracking the progress of the project

305
00:42:58.940 --> 00:43:05.500
Mark Monroe: given this timeline, Cdt will be working with Caltrans and Golden State net to optimize the network, and

306
00:43:05.550 --> 00:43:24.410
Mark Monroe: in in evaluating the the bids we just talked about for leases, for joint bills, for co-location, for the various construction types to make key decisions based on the the bids we've received and use the available funding as as effectively as possible to bring Middle Mile connection to the States unserved and underserved communities

307
00:43:24.760 --> 00:43:29.450
Mark Monroe: with that. Before we turn it over to caltrans. We'll open
this up to any questions.

308
00:43:38.150 --> 00:43:39.640
Adriana Surfas: Here we are.

309
00:43:39.650 --> 00:44:06.059
Adriana Surfas: Mark. I'm not seeing any hands up so appreciate the
overview of the middle mile broadband initiative, and I will now
introduce Janice Benton, who is the assistant deputy director for the
Middle Mile Broadband initiative at Caltrans and Hardy to car, who is the
program director also with Caltrans Giannis.

310
00:44:07.240 --> 00:44:19.190
Janice Benton: Right? Thank you, Adriana. Good morning, everybody. And,
as Adriana says, my name is Jan Spaton. I'm, the assistant deputy
director over the middle mile broadband initiative for Cal Trans.

311
00:44:19.210 --> 00:44:26.840
Janice Benton: And then joining me also, is our deep to car the program
director here at Caltrans for the middle Mile broadband initiative.

312
00:44:27.180 --> 00:44:28.500
Janice Benton: So next slide.

313
00:44:29.460 --> 00:44:37.839
Janice Benton: So it is my pleasure to be here to talk about the middle
mile broadband, initiative, and the ambitious effort to promote the
digital equity and inclusion

314
00:44:38.020 --> 00:44:45.660
Janice Benton: today is about sharing information about this opportunity
and making sure you all have the background on the middle mile broadband
initiative.

315
00:44:45.740 --> 00:44:51.890
Janice Benton: and specifically, what is the project? What's the type of
work that's going to be happening? And how can you engage

316

00:44:52.260 --> 00:45:02.339
Janice Benton: this initiative is a significant undertaking, and as many of the leaders have already mentioned. We'll need the partnership of all of our stakeholders and partners to meet this challenge.

317
00:45:02.780 --> 00:45:03.870
Janice Benton: So next slide

318
00:45:05.380 --> 00:45:14.160
Janice Benton: it's been shared. The full system. Design map for the broadband Middle Mile Initiative includes 10,000 miles of the proposed bill that spans the entire State

319
00:45:14.270 --> 00:45:23.850
Janice Benton: To put this in perspective here at Caltrans we own and operate about 15,000 miles, and with this initiative we are adding broadband to almost 2 thirds of that.

320
00:45:24.550 --> 00:45:31.380
Janice Benton: So through this initiative. We are taking a comprehensive and long-term approach to tackling the broadband infrastructure deficiencies

321
00:45:31.410 --> 00:45:35.319
Janice Benton: connecting Californians, and meeting the broadband infrastructure needs

322
00:45:35.960 --> 00:45:37.030
Janice Benton: for next slide

323
00:45:39.350 --> 00:45:50.240
Janice Benton: so the broadband initiative, as as Mr. Monroe has mentioned, has a very aggressive timeline to meet the 10,000 mile Network goal. And if sure, we're maximizing the use of the Federal dollars.

324
00:45:50.460 --> 00:45:54.640
Janice Benton: because the funding is through the Federal American rescue plan with the Treasury Department

325
00:45:54.840 --> 00:45:55.969
Janice Benton: funds that

326
00:45:56.000 --> 00:46:08.039

Janice Benton: the funds requires us to get all of the work started in construction by December 2,024, and then complete that construction and con and close out those contracts by December 2,026.

327
00:46:08.380 --> 00:46:14.049
Janice Benton: So we're working closely with the California Department technology. Who is the lead agency and the project owner

328
00:46:14.080 --> 00:46:18.890
Janice Benton: to ensure we're prepared to as we navigate the challenges of this effort.

329
00:46:19.670 --> 00:46:26.940
Janice Benton: Now I will hand it over to her, deep to car the program director to share more details on how we plan to deliver the projects or deep.

330
00:46:28.010 --> 00:46:35.290
Hardeep Takhar: Thank you, Janice. Good morning, everyone. I will be covering the details on the Project Development process and how we can plant it with.

331
00:46:35.580 --> 00:46:36.680
Hardeep Takhar: I'll be plan to deliver.

332
00:46:36.980 --> 00:46:37.689
Hardeep Takhar: Project

333
00:46:37.710 --> 00:46:40.730
Hardeep Takhar: the broadband little mile

334
00:46:41.250 --> 00:46:41.990
Hardeep Takhar: how

335
00:46:42.170 --> 00:46:43.850
Hardeep Takhar: California is not doing business

336
00:46:44.230 --> 00:46:44.950
as well.

337
00:46:44.980 --> 00:46:49.150
Hardeep Takhar: We we have been given flexibility to accomplish this 10,000

338
00:46:49.220 --> 00:46:54.029
Hardeep Takhar: my goal, and in the standard product delivery process, which is linear

339
00:46:54.140 --> 00:46:55.869
Hardeep Takhar: with each phase being allocated.

340
00:46:56.290 --> 00:46:57.750
Hardeep Takhar: completed prior to

341
00:46:58.350 --> 00:47:04.110
Hardeep Takhar: the next phase. Instead, we are streamlining the delivery process to create efficiencies and design.

342
00:47:04.320 --> 00:47:08.400
Hardeep Takhar: permitting and contracting, which allows these pre construction

343
00:47:08.460 --> 00:47:11.259
Hardeep Takhar: activities to be completed. And currently.

344
00:47:11.420 --> 00:47:13.629
Hardeep Takhar: our goal is to minimize

345
00:47:13.700 --> 00:47:19.609
Hardeep Takhar: project footprint, and avoid and minimize impacts to environmental resources By staying in this

346
00:47:19.890 --> 00:47:25.699
Hardeep Takhar: the resource agencies with tribal regional elements to exercise avoidance and minimization measures

347
00:47:26.310 --> 00:47:27.899
Hardeep Takhar: How the process.

348
00:47:28.110 --> 00:47:30.889
Hardeep Takhar: and this will involve using construction, means and methods

349
00:47:31.220 --> 00:47:33.120
Hardeep Takhar: over the next few slides.

350
00:47:33.840 --> 00:47:34.970
Hardeep Takhar: Next slide, please.

351
00:47:38.170 --> 00:47:43.870
Hardeep Takhar: So calcium has developed plans, details, and specifications to install conduit

352
00:47:43.960 --> 00:47:45.970
Hardeep Takhar: and fiber optic cable.

353
00:47:46.050 --> 00:47:46.810
but

354
00:47:47.180 --> 00:47:49.730
Hardeep Takhar: cover the following construction

355
00:47:49.790 --> 00:47:51.819
Hardeep Takhar: methods of which included plowing.

356
00:47:51.900 --> 00:47:53.910
Hardeep Takhar: trenching, and transfer

357
00:47:54.160 --> 00:47:55.270
Hardeep Takhar: construction of the

358
00:47:56.450 --> 00:48:01.869
Hardeep Takhar: typically the plan is to install 4 to inch under it's all 3 to inch, and

359
00:48:01.910 --> 00:48:04.160
Hardeep Takhar: this would be installed in trenches that are

360
00:48:04.540 --> 00:48:10.530
Hardeep Takhar: typically 6 to 12 inches wide and 24 to 42 inches, and that depending on the side

361
00:48:10.560 --> 00:48:11.129
change.

362
00:48:11.380 --> 00:48:13.589

Hardeep Takhar: And then, as I mentioned.

363
00:48:13.700 --> 00:48:14.519
Hardeep Takhar: for work

364
00:48:15.770 --> 00:48:18.209
Hardeep Takhar: trenching on the roadside

365
00:48:18.850 --> 00:48:22.159
Hardeep Takhar: and it shoulder and then ploughing as well.

366
00:48:22.340 --> 00:48:24.520
Hardeep Takhar: and this work, for

367
00:48:24.550 --> 00:48:25.430
Hardeep Takhar: we also include

368
00:48:25.480 --> 00:48:34.510
Hardeep Takhar: building 21,000 walls every 2,500 feet, approximately 4
fiber along the State highway system right away, and buildings, price
walls which

369
00:48:34.610 --> 00:48:35.490
Hardeep Takhar: been located

370
00:48:35.650 --> 00:48:42.820
Hardeep Takhar: every 15,000 feet along the right away to serve as
connection points to allow access to.

371
00:48:44.400 --> 00:48:46.950
We will also be building 200 contacts

372
00:48:46.970 --> 00:48:53.379
Hardeep Takhar: network Pop shelters for fiber optic signal regeneration,
which will be strategically positioned

373
00:48:53.430 --> 00:48:55.940
Hardeep Takhar: every 50 miles along the railway

374
00:48:56.620 --> 00:48:58.349
Hardeep Takhar: ever very fiber optic.

375
00:48:58.550 --> 00:48:59.819
Hardeep Takhar: It was time, for

376
00:49:00.140 --> 00:49:02.450
Hardeep Takhar: it's not to

377
00:49:04.980 --> 00:49:05.950
sorry, please.

378
00:49:08.450 --> 00:49:14.300
Hardeep Takhar: In the next few slides I will be covering the description
and and the typical application and operation for the

379
00:49:15.440 --> 00:49:16.040
Hardeep Takhar: goods.

380
00:49:16.160 --> 00:49:25.569
Hardeep Takhar: and in the case, and this guy's plowing the walls, using
a vibratory cloud to create a narrow slip and soil as the cloud most
quickly

381
00:49:25.660 --> 00:49:28.820
Hardeep Takhar: resulting in minimum soil disturbance and requiring

382
00:49:29.010 --> 00:49:31.050
Hardeep Takhar: it's just not following the operation.

383
00:49:31.340 --> 00:49:37.330
Hardeep Takhar: These applications typically include areas where
selection is required in a soil surface that includes

384
00:49:37.520 --> 00:49:38.599
Hardeep Takhar: and any one

385
00:49:39.490 --> 00:49:40.250
the rain

386
00:49:40.820 --> 00:49:43.210
a tight schedule, a long haul.

387
00:49:43.630 --> 00:49:45.870

Hardeep Takhar: require restoration.

388
00:49:48.720 --> 00:49:49.330
Hardeep Takhar: That's right.

389
00:49:52.870 --> 00:49:58.550
Hardeep Takhar: Traditional tension is common for cross-country instruments, and may affect traffic moment

390
00:49:58.570 --> 00:49:59.949
Hardeep Takhar: and it's slower than flowers.

391
00:50:00.280 --> 00:50:04.019
Hardeep Takhar: Pension payment will be allowed in narrow attention on shoulder

392
00:50:04.260 --> 00:50:05.859
Hardeep Takhar: and payment

393
00:50:06.060 --> 00:50:14.389
Hardeep Takhar: to overcome with and depth limitations and counter that locations where we need to avoid impacts and minor resources and overcome right away restriction.

394
00:50:17.440 --> 00:50:18.009
This

395
00:50:21.230 --> 00:50:25.850
Hardeep Takhar: This slide illustrates micro trenching, which is also a type of trench and payment.

396
00:50:25.960 --> 00:50:32.060
Hardeep Takhar: I well. It's starting a narrow trench to 3 to 6 inches by it, into the ask of a concrete payment

397
00:50:32.190 --> 00:50:34.550
Hardeep Takhar: and current steps typically below

398
00:50:34.680 --> 00:50:36.080
Hardeep Takhar: the upper layer.

399
00:50:36.240 --> 00:50:37.869

Hardeep Takhar: but shallower than most of.

400
00:50:38.660 --> 00:50:43.230
Hardeep Takhar: and operations will it, while vacuum excavation you next to simultaneously

401
00:50:43.260 --> 00:50:47.469
Hardeep Takhar: using vacuum exploration units to sign up, and it's your remote

402
00:50:47.600 --> 00:50:50.450
Hardeep Takhar: and it's primarily used to install fiber optically.

403
00:50:56.830 --> 00:51:02.570
Hardeep Takhar: Horizontal drilling applications may include long overalls long over most terrains.

404
00:51:02.810 --> 00:51:06.250
Hardeep Takhar: including rocky ground conditions, overpasses.

405
00:51:06.570 --> 00:51:09.579
Hardeep Takhar: embankments, sideills, and river crossings

406
00:51:09.980 --> 00:51:18.420
Hardeep Takhar: operations will need to consider entrance, and exhibits a pilot for reading and staff passes a sound curtain for noise, litigation.

407
00:51:18.610 --> 00:51:21.059
Hardeep Takhar: and site restoration. When the work is done

408
00:51:23.910 --> 00:51:25.069
next slide.

409
00:51:29.060 --> 00:51:34.789
Hardeep Takhar: We will also be implementing stitch, boring a type of horizontal killing operation.

410
00:51:35.080 --> 00:51:35.859
Hardeep Takhar: It's it's.

411
00:51:35.950 --> 00:51:40.849

Hardeep Takhar: This uses thematic. They're saying tools to shoot from one small bit to the next.

412
00:51:41.050 --> 00:51:44.919
Hardeep Takhar: and this slide list. The typical equipment and materials used in the

413
00:51:45.040 --> 00:51:46.769
Hardeep Takhar: on our building operations.

414
00:51:50.740 --> 00:51:52.950
Hardeep Takhar: mostly over short distances.

415
00:51:53.670 --> 00:51:54.660
Hardeep Takhar: crossed it

416
00:51:57.000 --> 00:51:58.059
Hardeep Takhar: next slide, please.

417
00:52:00.610 --> 00:52:04.129
Hardeep Takhar: for trenchless installations, using Jack and door operations.

418
00:52:04.260 --> 00:52:07.199
Hardeep Takhar: difficult applications going through roadways and railroads

419
00:52:07.270 --> 00:52:09.500
Hardeep Takhar: awesome where a casing is required.

420
00:52:09.670 --> 00:52:12.779
Hardeep Takhar: and in in in situations where

421
00:52:12.870 --> 00:52:15.069
Hardeep Takhar: directional building is not feasible.

422
00:52:15.290 --> 00:52:18.190
Hardeep Takhar: but similar to horizontal driving operations.

423
00:52:18.340 --> 00:52:23.289
Hardeep Takhar: This will need to consider and trans, and it's. It's pilot programming and stuff that

424
00:52:24.150 --> 00:52:26.780
Hardeep Takhar: 5 casing and side frustration level

425
00:52:26.850 --> 00:52:27.459
this stuff

426
00:52:27.980 --> 00:52:31.290
Hardeep Takhar: so very similar to for not the direction on building
except that

427
00:52:31.660 --> 00:52:32.259
will be meeting

428
00:52:34.710 --> 00:52:39.109
Hardeep Takhar: again. Thank you, and we appreciate the opportunity to
share information with you about the

429
00:52:39.760 --> 00:52:40.500
broadband middle of

430
00:52:40.800 --> 00:52:41.499
Hardeep Takhar: I'm. Not sure that

431
00:52:41.930 --> 00:52:43.240
Hardeep Takhar: that it

432
00:52:44.100 --> 00:52:44.680
thank you.

Questions/Comments

433
00:52:45.590 --> 00:52:47.620
Adriana Surfas: Thank you. Her deep and Janice.

434
00:52:47.730 --> 00:53:06.429
Adriana Surfas: If there are questions we will pause, and please feel
free to raise your hand. If you do see the Q. A. Feature at the bottom of
your screen, please, you're more than welcome to post a question there.
But we will

435
00:53:06.500 --> 00:53:14.290

Adriana Surfas: hold for for a moment, just to see if there are any questions regarding how we're going to be

436
00:53:14.400 --> 00:53:17.610
Adriana Surfas: delivering the middle mile broadband. Initiative.

437
00:53:25.460 --> 00:53:32.679
Adriana Surfas: I am not seeing any hands raised, so thank you for that presentation. Next slide, please.

438
00:53:33.750 --> 00:53:37.889
Adriana Surfas: I would like to hand it over to Kathryn, Rose

439
00:53:37.980 --> 00:53:44.310
Adriana Surfas: and Sarah all red with the California Department of transportation with caltrans. Catherine is the office chief

440
00:53:44.340 --> 00:53:46.680
Adriana Surfas: for the

441
00:53:46.830 --> 00:53:55.250
Adriana Surfas: Headquarters Cultural Studies office. Sarah Allred is the statewide native American coordinator

442
00:53:55.350 --> 00:54:03.570
Adriana Surfas: with the the couch and headquarters. Native American Cultural Studies branch, and I am seeing a couple of hands. So.

443
00:54:03.700 --> 00:54:19.910
Adriana Surfas: Katherine, Sarah, if you don't mind holding for just a moment, Nick, you have your hand up, and then it was Elias. It looked like as well, and to that extent Elias did have a stand up, and then there are some questions in the Q. A. As far as what we can see.

444
00:54:20.360 --> 00:54:28.780
Adriana Surfas: Okay, I am not seeing any. It Would you please make make sure that I'm listed as a host, so I can see those.

445
00:54:30.140 --> 00:54:33.319
Adriana Surfas: So my apologies.

446
00:54:33.710 --> 00:54:42.330

Adriana Surfas: And oh, we have 3 questions. Okay. So nobody escapes too quickly without some some questions, and we do appreciate these.

447
00:54:42.580 --> 00:54:57.909
Adriana Surfas: So we do have a question from Can Kent. Excuse me Ken Sam Dusky with the Modoc nation, and he is asking, is the Modoc nation one of the tribes on your list

448
00:55:01.240 --> 00:55:02.040
Adriana Surfas: And.

449
00:55:03.000 --> 00:55:06.560
Adriana Surfas: Ken, if you want to expand

450
00:55:06.680 --> 00:55:09.319
Adriana Surfas: expand on that

451
00:55:13.010 --> 00:55:14.010
Ken Sandusky-Modoc Nation: of them

452
00:55:14.030 --> 00:55:15.609
Ken Sandusky-Modoc Nation: district. 2

453
00:55:15.630 --> 00:55:20.819
Ken Sandusky-Modoc Nation: director was speaking about what 30 tribes that they

454
00:55:21.120 --> 00:55:25.550
Ken Sandusky-Modoc Nation: have on a lesson. I just wanted to make sure we were, we were one of those.

455
00:55:28.640 --> 00:55:30.669
David Moore: Yeah, this is Dave Moore. I believe you are.

456
00:55:32.730 --> 00:55:33.569
Ken Sandusky-Modoc Nation: Thank you.

457
00:55:35.620 --> 00:55:36.850
Adriana Surfas: Thank you, Ken.

458
00:55:37.160 --> 00:55:39.209
Adriana Surfas: And

459
00:55:40.230 --> 00:55:41.669
Adriana Surfas: let's see.

460
00:55:44.400 --> 00:55:48.379
Adriana Surfas: I have a question

461
00:55:49.610 --> 00:55:52.430
Adriana Surfas: about how the

462
00:55:52.840 --> 00:55:53.850
let's see.

463
00:55:55.530 --> 00:55:59.480
Adriana Surfas: Actually, let me circle back with this one.

Environmental & Cultural Focus

464
00:55:59.860 --> 00:56:08.290
Adriana Surfas: But in the meantime I will, if we can go, continue with
Catherine and Sarah

465
00:56:10.930 --> 00:56:11.799
Adriana Surfas: Katherine.

466
00:56:12.260 --> 00:56:13.479
Kathryn Rose: Thanks, Adriana.

467
00:56:15.340 --> 00:56:29.290
Kathryn Rose: Yeah, good morning and welcome everyone others others have
mentioned. We know your time is valuable and really appreciate you being
here. My name is Katherine Rose, as Adriana mentioned, and the acting
Office chief for the Cultural Studies Office

468
00:56:29.300 --> 00:56:37.560
Kathryn Rose: headquarters and the Cultural Studies Office is responsible
for developing, implementing and monitoring and cultural resource
management for the department.

469
00:56:38.380 --> 00:56:40.419
and let Sarah introduce herself.

470

00:56:42.180 --> 00:56:53.289
Yeah, good morning. I'm. Sarah Allred I'm: the Statewide, Native American Coordinator in Health and Headquarters division of environmental analysis studies, office.

471
00:56:53.450 --> 00:57:04.830
I work on programs and policies related to Cal Trans. Consultation with tribal governments regarding the effects of transportation development on cultural heritage and the environment.

472
00:57:04.840 --> 00:57:18.919
And I also administer the Cultural Environmental Subcommittee to the Cal Trans Native American Advisory Committee. It's great to be here today. Thank you all for taking the time to to join us.

473
00:57:18.930 --> 00:57:35.089
Catherine and I are going to share this present presentation, to talk about the cultural environmental studies for the middle Mile projects in the district, and I'm going to turn it back over to Kathryn, and I will time back in later. In this presentation.

474
00:57:36.530 --> 00:57:39.760
Kathryn Rose: Thanks, Sarah. You can go to the next slide, please.

475
00:57:41.040 --> 00:57:51.810
Kathryn Rose: So the previous presentations provided an overview of broadband for all in California. What the middle Mile broadband initiative is, and Caltrans's role in the project delivery process.

476
00:57:52.110 --> 00:57:58.309
Kathryn Rose: So in this presentation, as Sara mentioned, we're going to focus on the environmental and cultural resource studies process

477
00:57:58.360 --> 00:58:01.980
Kathryn Rose: and Kathryn's consultation with tribes in that context.

478
00:58:02.550 --> 00:58:20.459
Kathryn Rose: The map you see here is an overview of the 12 Cal trans districts relative to the statewide Middle mile network and obviously tribal ancestral areas do not necessarily coincide with district or political boundaries. So tribes may be working with one or more districts depending on your individual areas of concern.

479
00:58:21.190 --> 00:58:31.609

Kathryn Rose: Each district is going to be responsible for the design, environmental review and compliance permitting and construction of the middle mile broadband projects in their respective areas.

480
00:58:31.970 --> 00:58:44.239
Kathryn Rose: and each district has its own unique middle mile, broadband delivery challenges, as we heard earlier, depending on factors such as topography, the urban or rural nature of the setting and types of environmental sensitivities.

481
00:58:44.910 --> 00:58:46.549
Kathryn Rose: The next slide, please.

482
00:58:49.020 --> 00:58:49.839
Kathryn Rose: so

483
00:58:50.250 --> 00:59:00.119
Kathryn Rose: mentioned earlier in the presentations delivery of the middle Mile broadband network is being accelerated and design will be environmentally driven. This is to promote avoidance of resources.

484
00:59:00.620 --> 00:59:09.710
Kathryn Rose: which means that the early identification of sensitive cultural and environmental areas is a key objective in the design and delivery of the middle by broadband projects.

485
00:59:10.870 --> 00:59:24.590
Kathryn Rose: even though the delivery process is being accelerated, Cal Trans. Is still responsible for complying with all State and Federal environmental laws and procedures, including outreach and consultation with the culturally affiliated California Native American tribes.

486
00:59:25.300 --> 00:59:37.560
Kathryn Rose: The begin environmental milestone marks the point at which Cal trans formally initiates environmental studies for an individual project, including the initiation of outreach culturally affiliated times.

487
00:59:38.340 --> 00:59:43.370
Kathryn Rose: Caltrans will conduct outreach to both fairly recognized and non-fedily recognized tribes

488
00:59:43.400 --> 00:59:50.370

Kathryn Rose: and initial outreach efforts in the districts will be directed to tribal leadership, and the tribes designated cultural environmental experts

489
00:59:50.790 --> 01:00:04.639
Kathryn Rose: depending on ancestral territories tribes should be receiving, and or will receive, communications from one or more districts seeking consultation regarding any cultural and environmental concerns related to specific middle mile broadband project areas.

490
01:00:05.810 --> 01:00:19.380
Kathryn Rose: Sorry tribes may be receiving communication in the form of emails, letters, phone calls, and meetings, because middle mile broadband projects are being accelerated and prioritized like Cal Chance, there is potential that districts might be asking for a faster Turnaround

491
01:00:19.440 --> 01:00:20.890
Kathryn Rose: consultation requests.

492
01:00:20.970 --> 01:00:26.010
Kathryn Rose: This will help to inform design on avoidance measures for cultural and environmental resources.

493
01:00:26.880 --> 01:00:28.030
Kathryn Rose: Next slide, please.

494
01:00:29.950 --> 01:00:32.690
Kathryn Rose: Each of the middle mile broadband projects in the districts

495
01:00:32.750 --> 01:00:35.740
Kathryn Rose: will be assessed regarding their potential to affect the environment

496
01:00:36.640 --> 01:00:44.259
Kathryn Rose: as is typical for cow trans projects, cultural resources, studies will follow a general sequence that involves the identification of sensitive resources

497
01:00:44.350 --> 01:00:49.979
Kathryn Rose: and an evaluation of their significance in close consultation with the culturally affiliated tribes.

498
01:00:50.510 --> 01:00:52.750
Kathryn Rose: If significant tribal resources

499
01:00:54.490 --> 01:01:05.000
Kathryn Rose: and or sensitive areas are identified within a project area. Cal Trans Environmental and design staff will work with the consulting tribes to avoid those areas to the fullest extent possible.

500
01:01:05.400 --> 01:01:17.220
Kathryn Rose: The various design options that are deep presented earlier, such as ploughing, punching in the pavement or shoulders, micro trenching trenches, installation and horizontal directional drilling provide some insight

501
01:01:17.530 --> 01:01:22.600
Kathryn Rose: into potential engineering solutions, to avoiding and minimizing impacts to resources

502
01:01:23.010 --> 01:01:27.319
Kathryn Rose: if there are circumstances in which the avoidance of a resource is not feasible.

503
01:01:27.510 --> 01:01:33.099
Kathryn Rose: Catrans consults with the tribes to minimize impacts and develop a suitable and appropriate mitigation plan

504
01:01:33.180 --> 01:01:36.659
Kathryn Rose: that is reflective of the nature and scope of the impacts.

505
01:01:36.760 --> 01:01:41.349
Kathryn Rose: Minimization efforts may also include micro trenching, horizontal, drilling.

506
01:01:41.440 --> 01:01:44.310
Kathryn Rose: directional, boring, trenchless installation and plowing

507
01:01:45.290 --> 01:01:52.860
Kathryn Rose: each project and circumstance is different, so the nature of mitigation for an individual resource is based on consultation with the affected tribes.

508
01:01:53.230 --> 01:01:57.540
Kathryn Rose: as mentioned earlier, since the design of the middle mile broadband is environmentally led.

509

```
01:01:58.310 --> 01:02:02.949
Kathryn Rose: The early identification of sensitive, cultural and
environmental areas is a key objective.

510
01:02:03.450 --> 01:02:09.179
Kathryn Rose: This can be facilitated by good communication and
coordination between tribes and couch and environmental staff.

511
01:02:10.510 --> 01:02:11.299
And please

512
01:02:14.730 --> 01:02:32.370
Sarah Allred: alright, Thank you, Catherine. All right. So given that the
design of the Middle Mile project is being heavily guided by early
identification and avoidance of cultural and environmental resources. We
just wanted to share

513
01:02:32.380 --> 01:02:45.039
or call attention to some information that might be useful for
communication and coordination among tribes and Caltrans staff. First is
the native American Culture Cities Branch Web Page

514
01:02:45.070 --> 01:03:00.720
provides a variety of links to information for tribal governments,
including the Department's Statewide Tribal Relations Org Chart and the
Statewide Contact List for native American coordinators

515
01:03:00.840 --> 01:03:02.689
next slide, please.

516
01:03:02.930 --> 01:03:18.039
So the contact list for the district native American coordinators
otherwise known as Dnax, provides the most current points of contact for
tribes regarding cultural and environmental issues. In each of the 12
districts

517
01:03:18.190 --> 01:03:25.750
we have had a lot of staff changes and movement lately, so be sure to
check the list regularly for updates.

518
01:03:25.860 --> 01:03:31.210
I know that many of the cultural and environmental experts

519
01:03:31.220 --> 01:03:58.340
```

with the tribes already have well established relationships with their
district native American coordinators. But for those who are not
familiar, the district native American coordinators can assist and guide
tribes to the proper sources of information within our organization,
depending on the nature of the concern. And, as always, another point of
contact includes those of us in the Headquarters

520
01:03:58.350 --> 01:04:01.360
Studies, Office and Native American Culture Studies Branch

521
01:04:01.680 --> 01:04:03.209
next slide, please.

522
01:04:03.620 --> 01:04:18.639
and the Caltrans tribal relations Org chart provides a broader overview
of all the designated Tribal Relations staff in the Department, as well
as Caltrans executive leadership, both at headquarters and in the
districts

523
01:04:18.760 --> 01:04:32.050
the district native American coordinators and the district. Native
American liaisons in the planning program are the primary tribal
relations, staff and key points of contact for tribes in the districts.

524
01:04:32.280 --> 01:04:46.480
If there are broad issues that can't be addressed at the staff level.
Tribal leaders are very much encouraged to seek a diplomatic discussions
and resolutions with Caltrans executive leadership as needed

525
01:04:47.280 --> 01:04:48.889
next slide, please.

526
01:04:49.890 --> 01:04:56.699
Another important resource is the Cal Trans Gis Environmental Library.

527
01:04:56.720 --> 01:05:11.380
This is a straightforward public-facing interactive map tool on our
website that allows users to compare a variety of environmental,
political and infrastructure infrastructure layers

528
01:05:11.390 --> 01:05:19.790
for the entire State, including the State highway system and the planned
10,000 mile middle mile network.

529

01:05:19.800 --> 01:05:33.930
so these layers can be assessed or accessed. Sorry via the tabs sub tabs
to the right hand side of the screen there, and you can easily zoom in to
examine.

530
01:05:33.940 --> 01:05:42.069
You know your unique area of concern relative to the Middle Mile network
and other aspects of the environment.

531
01:05:42.260 --> 01:05:51.630
This so I think this Gis library can be very valuable. A valuable
communication tool for tribes, and

532
01:05:51.660 --> 01:06:12.069
Cal. Trans. You know, who are consulting on the Middle Mile projects,
particularly as it relates to those efforts to identify and strategize
avoidance of sensitive resources. If you, Haven't had an opportunity to
visit the Gis Library, we encourage you to

533
01:06:12.080 --> 01:06:26.690
explore it and look at your specific areas of concern relative to the
middle Mile network, and Don't hesitate to reach out to us if you need
any assistance with using the Gis library

534
01:06:27.500 --> 01:06:47.279
Sarah Allred: next slide, please. Lastly, here, as mentioned earlier,
even though the Middle mile projects are being expedited, Cal Trans. Will
fully comply, as always with all State and Federal environmental and
historic preservation laws, policies, procedures.

535
01:06:47.460 --> 01:06:55.730
Volume 2 of Cal Trans. Standard Environmental reference focuses on how
caltrans, conducts, Cultural resource studies.

536
01:06:55.850 --> 01:07:01.149
including the procedures and expectations for consultation with tribes.

537
01:07:01.310 --> 01:07:18.219
So, as you can see here, there are 6 chapters in volume, 2, as well as a
number of exhibits that a company and complement each chapter. This is an
excellent Goto resource for gaining more familiarity with the overall
cultural studies process.

538
01:07:18.310 --> 01:07:27.829

And of course we're here and available to answer any questions you may have about that process next slide, please.

539
01:07:28.450 --> 01:07:34.689
So on that note we just wanted to leave you with some key contacts who can assist in

540
01:07:34.870 --> 01:07:40.379
any environmental or cultural resources in queries related to the Middle Mile projects.

541
01:07:40.550 --> 01:07:49.669
If these individuals don't have the answers, they can definitely assist you and point you in the right direction.

542
01:07:49.680 --> 01:08:09.820
And with that I would just like to thank you all very much for taking the time to be here for this presentation. I hope this information is helpful. We're happy to take any questions or comments that you may have regarding Caltrans environmental reviews and delivery of the Middle Mile Project.

543
01:08:10.410 --> 01:08:11.510
Thanks again.

544
01:08:14.320 --> 01:08:14.970
Okay.

<mark>Questions/Comments</mark>

545
01:08:15.560 --> 01:08:22.259
Adriana Surfas: thank you, Sarah and Katherine, and we'll open it up for questions.

546
01:08:22.380 --> 01:08:35.420
Adriana Surfas: I think the first question is, will tribes be compensated for the additional work, tasks and for cultural monitors that may that may be needed in various tribal jurisdictions.

547
01:08:35.479 --> 01:08:41.919
Adriana Surfas: It would be critical especially if being asked for an expedited completion date. And this question is from

548
01:08:41.970 --> 01:08:48.169

Adriana Surfas: Linea Jackson, and in advance I apologize if I mispronounce anybody's name. It's it's not

549
01:08:48.290 --> 01:08:49.540
Adriana Surfas: unintentional.

550
01:08:49.790 --> 01:08:54.040
Adriana Surfas: But being asked about compensation for for work.

551
01:08:59.870 --> 01:09:02.810
Sarah Allred: do you want to take that, Catherine? Or would you like me to?

552
01:09:05.510 --> 01:09:08.000
Adriana Surfas: I think Catherine froze Sarah?

553
01:09:08.090 --> 01:09:10.959
Adriana Surfas: But at least for us. The smile for face.

554
01:09:11.859 --> 01:09:15.519
Sarah Allred: Yes, yeah. Well.

555
01:09:15.550 --> 01:09:23.610
I I guess the short answer is Yes, monitoring is always project specific and based on.

556
01:09:23.620 --> 01:09:39.520
you know consultations with the culturally affiliated tribes for that specific project and Cal Trans. Standard environmental reference that I had mentioned earlier volume to chapter 3 in particular

557
01:09:39.529 --> 01:09:47.659
provides guidance on how Cal trans integrates traditional knowledge into cultural studies, and

558
01:09:47.670 --> 01:10:06.179
how tribal expertise is reimbursed. And in addition to chapter 3, I would point people to exhibit 3.3, and exhibit 3.4 in as part of chapter, 3 volume, 2 of the standard environmental reference.

559
01:10:08.000 --> 01:10:09.219
Sarah Allred: I hope that helps

560
01:10:10.720 --> 01:10:16.979
Adriana Surfas: thank you, Sarah, and we have a hand from Robert Geary.

561
01:10:17.060 --> 01:10:17.910
Adriana Surfas: Robert.

562
01:10:22.410 --> 01:10:24.889
Adriana Surfas: and I think you are still on mute, sir.

563
01:10:25.160 --> 01:10:28.200
Robert Geary: Sorry about that. Can you hear me now?

564
01:10:28.230 --> 01:10:43.550
Robert Geary: So I did have a couple of questions. So one of the things is that I wanted to find out. I know it seems like this is kind of been put on kind of the fast track, I think, for the tribes I did constantly consults about this. There has been

565
01:10:43.640 --> 01:10:49.380
Robert Geary: change in staff with Count Trans. And some of the people that I started with are no longer there.

566
01:10:50.490 --> 01:10:56.460
Robert Geary: I I always make it a point to be as proactive as possible. We you have some.

567
01:10:56.780 --> 01:11:16.279
Robert Geary: It's not so great history, I think, with some of the cities and the towns around Lake County here as far as for Phil and what they've been using in and under the roads that they have been doing there's a known area right there on on 53, where they've taken archaeological from an archaeological district on the site.

568
01:11:16.330 --> 01:11:19.009
Robert Geary: and used it for fill in those roads.

569
01:11:19.090 --> 01:11:20.519
Robert Geary: So

570
01:11:20.820 --> 01:11:30.079
Robert Geary: I guess the question that I have is making sure that we're there, and I've requested this. I've got it from the lower part of the lake, but not the other part from what I've understand

571
01:11:30.090 --> 01:11:45.079
Robert Geary: from what I understand They've actually had done surveys for those projects, the the broadband project on both ends. We are there for the solar part on South Park, and we're informed about what was happening happening on the north part of Lake County.

572
01:11:45.350 --> 01:12:03.549
Robert Geary: and due to those I had a couple of questions due to you know us. Being informed about the surveys not necessarily construction, because yes, we definitely want to be there for construction. But we also want to make sure that we're there for any surveying that's going to happen to be able to address those concerns

573
01:12:03.560 --> 01:12:12.549
Robert Geary: in Lake County. The archaeologically really hotspot things that are laying above ground that are on top.

574
01:12:12.560 --> 01:12:31.310
Robert Geary: One of the questions that I asked also was, what's gonna happen, or what's the curation process or protocols for those items that are found above ground while they're out there, whether it's survey or construction has that been sent in place? I know we have a treatment protocol that we always try to incorporate into, you know, mitigation measure.

575
01:12:31.320 --> 01:12:35.749
Robert Geary: But Haven't had any answers back to any of those.

576
01:12:35.780 --> 01:12:38.070
Robert Geary: so I guess one of the things is.

577
01:12:38.670 --> 01:12:50.670
Robert Geary: you know we want to be a part of the serving when it's out there, just due to the historic historic practices. I guess, of the cities and the towns that are here.

578
01:12:50.720 --> 01:12:55.719
Robert Geary: because archaeological soils have been moved around from place to place.

579
01:12:55.800 --> 01:13:14.050
Robert Geary: And so we haven't gotten like, I said, and from what I understand, the survey has been done is completed on the north end of the lake. So the south end of, like I happen to catch, and you know we we got

it all situated. We're going to be out there towards the end of this
month, I believe.

580
01:13:14.060 --> 01:13:19.399
Robert Geary: but the north part we missed we didn't get called for.

581
01:13:19.440 --> 01:13:25.489
Robert Geary: so we just want to make sure that we're a part of this
process that the types are being, you know.

582
01:13:25.680 --> 01:13:37.280
Robert Geary: You know, contacted about all aspects. I think that
happened with this just due to a lot of the the things that are happening
within our counties, and the tribes have that information in that data.

583
01:13:37.290 --> 01:13:47.020
Robert Geary: as far as you know, some of the practices that have been
going on. And so for us it's really, you know, an important part to make
sure that we anything that's going to happen for this project that we're
contacted

584
01:13:47.260 --> 01:13:49.689
Robert Geary: and and asked to be a part of the process.

585
01:13:55.140 --> 01:14:00.180
Kathryn Rose: I can respond. I think my Internet's back working. Sorry
about that.

586
01:14:00.230 --> 01:14:04.429
Kathryn Rose: Yeah, Robert. Thank you so much for your comment. And

587
01:14:04.630 --> 01:14:15.659
Kathryn Rose: we definitely agree and want to make sure that that the
tribes are being contacted for all aspects. So we will, you know, I
think, working with your district, and making sure that

588
01:14:15.800 --> 01:14:22.780
Kathryn Rose: you know we we communicate to them as well, and you
communicate to them about this, and and make sure that we're all on the
same page there, so that

589
01:14:23.900 --> 01:14:25.130
Kathryn Rose: you know we can

590
01:14:25.280 --> 01:14:28.980
Kathryn Rose: make sure you're there when they're doing the survey, or all aspects of the

591
01:14:29.000 --> 01:14:31.559
Kathryn Rose: the identification.

592
01:14:33.040 --> 01:14:35.729
Kathryn Rose: I don't know if you had anything else that you wanted to add.

593
01:14:37.650 --> 01:14:49.099
Sarah Allred: Oh, well, probably to just reiterate what you said, you know again. Thank you for bringing this up. I think it's important to, you know. At least.

594
01:14:49.170 --> 01:14:51.660
you know. Keep this in in.

595
01:14:52.030 --> 01:14:54.010
you know, in the forefront.

596
01:14:54.040 --> 01:14:56.919
and that

597
01:14:57.020 --> 01:15:13.289
again each project is different. So you know we're happy to work with you and your district staff with who you've been working to consult about monitoring needs and and participation. So

598
01:15:14.220 --> 01:15:17.960
Don't hesitate to reach out if you need further assistance.

599
01:15:19.460 --> 01:15:20.230
Thank you.

600
01:15:20.750 --> 01:15:33.049
Adriana Surfas: and thank you, Sarah and Katherine and Robert. Thank you for that question. We will also make sure to put you in contact with the district Native American liaison, so we can start to

601
01:15:33.070 --> 01:15:38.399

Adriana Surfas: facilitate that conversation and make sure that communication is happening as well.

602
01:15:38.550 --> 01:15:42.549
Adriana Surfas: So we will. We will make sure to

603
01:15:42.940 --> 01:15:45.599
Adriana Surfas: kind of make that connection.

604
01:15:45.840 --> 01:15:55.249
Adriana Surfas: I also wanted to note that Anna Starkey with Uaic, posted a question in the chat about putting the link in the G. I

605
01:15:55.670 --> 01:16:08.089
Adriana Surfas: put, adding a link to the Gis Lab library in the chat. I am not sure everybody is having access. We will, however, be sending around the presentation

606
01:16:08.360 --> 01:16:12.360
Adriana Surfas: later today, which includes the

607
01:16:12.500 --> 01:16:24.310
Adriana Surfas: which includes those links. I'm. Also sending you an email. So I will get that over to you this morning. And with that I also have a hand from Ken Ken.

608
01:16:25.110 --> 01:16:26.980
Ken Sandusky-Modoc Nation: Hi. Thank you.

609
01:16:27.090 --> 01:16:42.249
Ken Sandusky-Modoc Nation: You know, considering current experience with the fiber optics late and rural. Modoc and Siske County is often these services run right in front of properties. But then Aren't offered to

610
01:16:42.260 --> 01:16:48.649
Ken Sandusky-Modoc Nation: local land plan managers, whether it be tribes or just just, you know, regular.

611
01:16:48.780 --> 01:16:57.279
Ken Sandusky-Modoc Nation: you know community rural community residents. The Modoc nation has made substantial investments in a property about 10 miles off of

612

01:16:57.330 --> 01:17:02.659
Ken Sandusky-Modoc Nation: a State Line road, and that's shown on your map as what one of the

613
01:17:02.730 --> 01:17:06.020
Ken Sandusky-Modoc Nation: areas where this service will be laid. It.

614
01:17:06.220 --> 01:17:32.270
Ken Sandusky-Modoc Nation: you know, comes with additional barriers of getting that service to the property to be able to entice travel members to to move or and live there. And so I guess just long story short, the suggestion to offer or or analyze opportunities to overcome the barriers of getting the service to the property, to the structures itself. From those mainline services.

615
01:17:33.260 --> 01:17:41.159
Ken Sandusky-Modoc Nation: you know, a down county roads unmaintained, and a lot of situations, and even up people's driveways would

616
01:17:41.730 --> 01:17:51.010
Ken Sandusky-Modoc Nation: be an effective way to make sure that rural residents get this service when it comes by on the highway. Often we don't have the ability to tap into it.

617
01:17:54.270 --> 01:17:54.950
Adriana Surfas: and

618
01:17:55.000 --> 01:18:11.849
Adriana Surfas: thank you. I appreciate your your comments, Ken and and I know that part of our next conversation. Our next presentation will be on last mile, and that really is about that bringing the middle mile and connecting from the middle mile into people's homes.

619
01:18:11.860 --> 01:18:15.059
Adriana Surfas: So I think that's a good

620
01:18:15.390 --> 01:18:23.619
Adriana Surfas: a a good Katherine, Sarah. I don't know if you want to add anything in response to what Ken indicated.

621
01:18:23.700 --> 01:18:33.110
Adriana Surfas: If not, I'm going to leverage that as an opportunity to transition over to last mile. And I see Kathryn nodding her head.

622

01:18:33.220 --> 01:18:35.389
Kathryn Rose: Yeah, I I agree. I think

623
01:18:35.420 --> 01:18:38.370
Kathryn Rose: this is a good topic for the next presentation

624
01:18:39.280 --> 01:18:39.870
and

625
01:18:40.140 --> 01:18:55.080
Adriana Surfas: and, Ken, I appreciate your your assistance. With facilitating and moving us on to that that important piece. We are going to take a brief 5Â min break.

626
01:18:55.130 --> 01:19:09.650
Adriana Surfas: so if it is 1021 right now gives everybody a minute to stretch and stand up, so I will see you all back. We will be back and reconvene about 1026

627
01:19:10.590 --> 01:19:13.939
Adriana Surfas: for that for the discussion about last mile.

628
01:19:14.310 --> 01:19:15.099
Adriana Surfas: Thanks.

629
01:25:35.570 --> 01:25:36.150
Yes.

630
01:25:36.480 --> 01:25:44.460
Adriana Surfas: Well, I I believe we have made it past 1026 gave folks a few extra minutes.

631
01:25:44.550 --> 01:25:55.229
Adriana Surfas: and if we could advance the perfect Thank you. So we are going to resume with

632
01:25:56.700 --> 01:26:01.270
Adriana Surfas: for zoom. Excuse me, words are challenging a little bit.

Last Mile Connection Overview

633
01:26:01.360 --> 01:26:30.639

Adriana Surfas: So we are going to resume our engagement session, and we are going to focus in on the lack, that last mile connection that Ken was just referencing, and we're pleased to be joined today by Rachel Peterson, the executive Director of the California Public Utilities Commission, and that R. Tannon with golden State network on

634
01:26:30.810 --> 01:26:34.029
Adriana Surfas: for this section as well. Rachel.

635
01:26:35.050 --> 01:26:43.690
Rachel Peterson: Good morning. Thank you, Adriana. And hello again, everyone. Rachel Peterson, with the California Public Utilities Commission.

636
01:26:43.890 --> 01:26:52.390
I'm going to speak first, and then i'll hand the mic over to either matter, Eric, for comment. And Q. A. Later on.

637
01:26:52.630 --> 01:26:55.390
Rachel Peterson: Okay, if you can go to the next slide, please.

638
01:26:56.720 --> 01:27:02.589
Rachel Peterson: So this is the overview of what Kenneth Holbrook and I will present on today.

639
01:27:02.710 --> 01:27:12.329
Rachel Peterson: I'm very pleased to be here with our tribal adviser, Ken Holbrook. He's going to speak first about the tribal work that's going on at the CPU.

640
01:27:12.530 --> 01:27:23.240
Rachel Peterson: Then i'll take the mic back, and we'll talk about the 5 CPU C programs that are key pieces which are connecting last mile broadband projects

641
01:27:23.970 --> 01:27:32.110
Rachel Peterson: for resources and contacts throughout today, and after today you can always reach out to Ken Holbrook with questions.

642
01:27:32.240 --> 01:27:41.949
Rachel Peterson: and we've got Karen Eckersley a subject matter expert on our tribal programs on with us today, so she'll help out with Q. A.

643
01:27:42.050 --> 01:27:47.360

Rachel Peterson: And then we've got our staff contacts on numerous of our slides.

644
01:27:47.420 --> 01:27:55.609
Rachel Peterson: which can be reached out to at any time. Statewide broadband at CPU C. A. Gov.

645
01:27:55.860 --> 01:28:00.079
Rachel Peterson: Okay. And next slide, please, and i'll turn it over to Ken. Thank you.

646
01:28:01.790 --> 01:28:02.840
Kenneth Holbrook: Thank you, Rachel.

647
01:28:03.000 --> 01:28:07.939
Kenneth Holbrook: Hi, everyone I'm, Kenneth Colbert, the C. You see tribal advisor. I'm honored to be with you today.

648
01:28:08.290 --> 01:28:18.009
Kenneth Holbrook: My contact information is here on the slide. So please do reach out to me if you ever have any questions on this topic, or really anything having to do with tribal affairs at Cpc.

649
01:28:19.130 --> 01:28:35.899
Kenneth Holbrook: So this a resource slide gives you the link to our tribal advisory, and also our tribe lies on office. Our consultation policy has been in place since 2,018, and it provides a framework for all of our divisions to establish and maintain effective relationships with tribes while respecting sovereignty.

650
01:28:36.360 --> 01:28:47.510
Kenneth Holbrook: Our tribal office works to provide tribes with information about our programs. We consult with tribes on the development of policies and work to improve relations among tribal governments in the Cpc. And its regulated entities.

651
01:28:48.130 --> 01:28:56.360
Kenneth Holbrook: The tribal land transfer policy prioritizes the transfer of land from Investor owned utilities to native American tribes with the historical interest in the land.

652
01:28:56.630 --> 01:29:10.149
Kenneth Holbrook: When utility begins a process of selling off land, the policy creates an expectation that the utility will work with the

California Native American Heritage Commission to identify any tribes whose ancestral territory the land is on or adjacent to.

653
01:29:10.740 --> 01:29:19.700
Kenneth Holbrook: Once a utility identifies any interested tribe or tribes. The company is expected to negotiate a transfer to the tribe before putting the land on the open market.

654
01:29:19.950 --> 01:29:24.709
Kenneth Holbrook: This policy, which the Cpc. Developed after a comment, comment, i'm sorry

655
01:29:24.730 --> 01:29:30.559
Kenneth Holbrook: from utilities and tribes, furthers, the Cpc's goals of recognizing and respecting tribal sovereignty.

656
01:29:30.860 --> 01:29:34.209
Kenneth Holbrook: and of returning travel lands to their rightful owners.

657
01:29:34.460 --> 01:29:52.429
Kenneth Holbrook: We have an open proceeding currently that's been established looking to revise guidelines that were established part of the policy. So some of you have already been participating in the proceeding over the course of the last year. We certainly encourage all of you to do so.

658
01:29:52.740 --> 01:29:58.550
Kenneth Holbrook: Please reach out to tribal advisor at CPU, c.

659
01:29:59.070 --> 01:30:06.250
Kenneth Holbrook: So that's just the words tribal advisor. No period in the middle tribal advisor@cpc.co.

660
01:30:06.320 --> 01:30:16.890
Kenneth Holbrook: For further information about the participating in the proceeding that I spoke about learning more about the policy or just connecting with any of our subject matter experts anywhere across the Commission.

661
01:30:17.240 --> 01:30:20.759
Kenneth Holbrook: So again thank you for your time this morning, and Rachel back over to you.

662
01:30:21.340 --> 01:30:25.269

Rachel Peterson: All right, Thank you so much, Ken. Can you go to the next slide, please?

663
01:30:27.190 --> 01:30:34.240
Rachel Peterson: And here we have links to the proceeding and the policies and the programs that Ken spoke about.

664
01:30:34.910 --> 01:30:39.020
Rachel Peterson: All right now onto our broadband programs next slide, please.

665
01:30:40.270 --> 01:30:49.229
Rachel Peterson: Okay. So this slide shows an overview of all of our different funding programs for communications infrastructure.

666
01:30:49.260 --> 01:30:58.050
Rachel Peterson: We've highlighted here the 5 that i'm going to specifically speak about today because they are key to the last mile

667
01:30:58.400 --> 01:31:00.000
Rachel Peterson: next slide, please.

668
01:31:02.200 --> 01:31:06.649
Rachel Peterson: Okay. So the first one, the tribal technical assistance program.

669
01:31:10.420 --> 01:31:12.650
Rachel Peterson: Pardon me while I get my notes in order here.

670
01:31:14.530 --> 01:31:21.610
Rachel Peterson: So we have been conducting countless public hearings, consultations, and workshops around the State.

671
01:31:21.820 --> 01:31:32.799
Rachel Peterson: And one thing that we have heard about over the last several years is the problem of capacity within a tribal organization for communications issues.

672
01:31:32.910 --> 01:31:44.479
Rachel Peterson: We've heard that often there just aren't enough people or time to perform the research research or the study work that one needs for such technical projects.

673

01:31:44.920 --> 01:31:54.339
Rachel Peterson: We designed our grant program for you to hire consultants to help you answer these questions about your next steps for improving communications.

674
01:31:54.800 --> 01:31:59.900
Rachel Peterson: The program has assisted 40 tribes with over 60 projects to date.

675
01:32:00.070 --> 01:32:08.110
Rachel Peterson: We have broad eligibility for this fund, so it is inclusive of California tribes, with or without Federal recognition.

676
01:32:08.560 --> 01:32:22.990
Rachel Peterson: The grants are for up to 150,000 per year per tribe, and we take applications 4 times per year, and we definitely look forward to seeing yours. There's a link to our program page here in the slide deck.

677
01:32:24.040 --> 01:32:28.740
Rachel Peterson: Okay, going on to another form of technical assistance. Yes, thank you. Next slide

678
01:32:28.960 --> 01:32:38.160
Rachel Peterson: the broadband package tasked the CPU with awarding 50 million in technical assistance grants to entities

679
01:32:38.190 --> 01:32:41.730
Rachel Peterson: to help them prepare to provide broadband service

680
01:32:41.770 --> 01:32:43.469
Rachel Peterson: in their communities.

681
01:32:43.630 --> 01:33:00.969
Rachel Peterson: Public entities are broadly eligible, including tribes, cities, and counties. Individual grants are to be no more than 1 million per applicant, and there's an expedited process. If the grant request is for 500,000 or less

682
01:33:01.210 --> 01:33:07.979
Rachel Peterson: Tribes have a set aside of 5 million within this fund, and there is about 3 million left in the set aside.

683
01:33:08.550 --> 01:33:18.729

Rachel Peterson: These funds are for a range of pre-project costs to deploy last mile broadband infrastructure, and we've listed types of eligible costs. Here

684
01:33:19.160 --> 01:33:25.599
Rachel Peterson: we began receiving applications in August 2,022 and they are currently being accepted.

685
01:33:25.620 --> 01:33:35.339
Rachel Peterson: We strongly encourage you to think about your pre-construction broadband work needs, and how much of this can be supported by a technical assistance. Grant.

686
01:33:35.700 --> 01:33:44.440
Rachel Peterson: Just very recent news. Last week, at their voting meeting, our commissioners granted the Yurak tribes application

687
01:33:44.470 --> 01:33:53.819
Rachel Peterson: for a grant, for within this program, and we have 3 other tribal applications that our staff are currently evaluating.

688
01:33:55.320 --> 01:34:13.039
Rachel Peterson: We've linked our County dashboard map about grants that have been awarded here in the slide deck as well, and there's a program page with more information Again, Any questions for after today can be emailed or requests for assistance.

689
01:34:13.050 --> 01:34:19.559
Rachel Peterson: Please email statewide broadband at CPU.

690
01:34:20.700 --> 01:34:22.759
Rachel Peterson: Okay, next slide, please.

691
01:34:24.030 --> 01:34:41.239
Rachel Peterson: This is the big one. Okay, the Federal funding account is our biggest infrastructure funding account. It will provide 2 billionin grants for last mile broadband infrastructure projects to connect unserved people and areas in California

692
01:34:41.710 --> 01:34:58.750
Rachel Peterson: to distribute this significant investment fairly and effectively. We at the CPU Z designed what we call priority areas. Our goal is to use priority areas to ensure effective and equitable distribution of program funds.

693
01:34:59.340 --> 01:35:06.089
Rachel Peterson: Priority areas are geographically defined and are presumed eligible under the Federal funding account

694
01:35:06.220 --> 01:35:11.070
Rachel Peterson: applicants can add or subtract from the areas in their applications.

695
01:35:11.160 --> 01:35:18.819
Rachel Peterson: Many of them are in or near travel lands, and we encourage you to look at the maps and consider applying for the funds.

696
01:35:19.180 --> 01:35:24.860
Rachel Peterson: Each priority area was designed to support a sustainable business case for applicants

697
01:35:24.870 --> 01:35:39.789
Rachel Peterson: based on network engineering and modeling. The priority areas were developed with the most granular data available when the program rules were adopted and we are looking to constantly update them as new data becomes available.

698
01:35:41.730 --> 01:35:43.400
Rachel Peterson: Next slide, please.

699
01:35:44.300 --> 01:35:47.110
Rachel Peterson: The California Advanced Services fund

700
01:35:47.380 --> 01:35:51.840
Rachel Peterson: for over a decade. The California Advanced Services Fund

701
01:35:51.880 --> 01:36:05.389
Rachel Peterson: has provided broadband grants that support a range of investments. Since 2,008 we have awarded 327 milliondollars in grants for 102 projects.

702
01:36:05.520 --> 01:36:20.169
Rachel Peterson: We've listed the type of cas of grants that can be applied for here. They are adoption and digital equity for communicate community based organizations to help people connect to and use the Internet

703
01:36:20.470 --> 01:36:30.200

Rachel Peterson: public and low-income communities. Grants. Excuse me, public housing and low-income communities, grants with free connections to low-income households.

704
01:36:30.270 --> 01:36:45.940
Rachel Peterson: the consortia account funds, regional broadband consortia, who are experts, who help service providers and communities access grants, and then, finally, these are infrastructure grants, as well to pay for infrastructure in areas without access.

705
01:36:45.990 --> 01:36:50.969
Rachel Peterson: This does have different eligibility criteria from the Federal funding account.

706
01:36:52.020 --> 01:36:54.180
Rachel Peterson: All right. Next slide, please.

707
01:36:55.200 --> 01:36:59.740
Rachel Peterson: And the last program i'll speak about today is the Loan Lost Reserve.

708
01:37:00.910 --> 01:37:05.380
Rachel Peterson: This program will assist local governments and nonprofits

709
01:37:05.420 --> 01:37:22.030
Rachel Peterson: in securing, financing so that they can build out their own last mile infrastructure. It essentially provides collateral to enable better borrowing rates and terms for the bonds that we know many entities will need to issue to deploy this infrastructure.

710
01:37:22.040 --> 01:37:33.190
Rachel Peterson: This is a program that is still midstream. We are working on developing the rules for it, and our next step is for a proposed set of rules to be issued for public comments.

711
01:37:34.360 --> 01:37:37.490
Rachel Peterson: All right, bless next slide, please.

712
01:37:37.870 --> 01:37:55.970
Rachel Peterson: That concludes my formal remarks. This is a photo of one of our California Advanced Services fund grantees with their service provider partners. These are representatives from the Hoopa Valley public utilities, district and Hunter fiber communications.

713
01:37:55.980 --> 01:38:01.150
Rachel Peterson: I believe some of you are on this call. Hello, Miss Jackson and Mr. Douglas.

714
01:38:01.320 --> 01:38:17.639
Rachel Peterson: and I do love this photo because it shows the people who are implementing some of these infrastructure grants, and it shows, actually locate a location where infrastructure has to be located, often in the depths of a building which is essential to

715
01:38:17.650 --> 01:38:22.499
how we're connecting people across California to the Internet.

716
01:38:22.910 --> 01:38:28.579
Rachel Peterson: All right. Thank you so much for joining today, and we're happy to take any questions.

Questions/Comments

717
01:38:37.900 --> 01:38:40.280
Adriana Surfas: and I am.

718
01:38:41.150 --> 01:38:47.540
Adriana Surfas: I do see a question in the Q. A. Regarding

719
01:38:47.640 --> 01:38:54.920
Adriana Surfas: how the middle mile, how that meshes with local tribal rural broadband initiatives.

720
01:38:56.590 --> 01:38:59.009
Adriana Surfas: and how those those are interconnected.

721
01:39:01.360 --> 01:39:02.820
erik hunsinger: Would you like me to take that?

722
01:39:06.730 --> 01:39:22.280
erik hunsinger: Sure, Eric, if you can start, and then we can, Karen or I can add in. Thank you.

723
01:39:22.440 --> 01:39:29.819
erik hunsinger: This is near and dear to his heart. He's been at the center of advising Golden State on a tribal

724
01:39:29.840 --> 01:39:46.470
erik hunsinger: initiatives, and the important opportunities of engaging
with each of you today. So I appreciate the fact that many of you are
here today to to hear this important message and and learn how we might
connect your your your it

725
01:39:46.480 --> 01:39:59.500
erik hunsinger: tribal entities to the Middle Mile network. So, at least
from a physical standpoint, the folks at the department of technologies
under the auspices of the CPU have designed a network

726
01:39:59.680 --> 01:40:04.280
erik hunsinger: that is very different than most traditional commercial
networks.

727
01:40:04.550 --> 01:40:23.489
erik hunsinger: and in one key element is that the the network philosophy
of connection is that we will interconnect at any point to reduce the
cost of last mile construction. So the State, right now, as you heard
from Deputy Director Mark Monroe and other folks

728
01:40:23.500 --> 01:40:30.230
erik hunsinger: is they're They're evaluating Construction projects to
put the middle mile in place. But once it's there.

729
01:40:30.420 --> 01:40:35.020
erik hunsinger: once it is in the ground and available for the State of
California.

730
01:40:35.140 --> 01:40:42.050
erik hunsinger: Any tribal entity that is ready may interconnect with the
network when

731
01:40:42.120 --> 01:40:51.189
erik hunsinger: we, when necessary, and we will do a rain cut. We will do
a dedicated splice case for that last mile connection.

732
01:40:51.410 --> 01:41:01.449
erik hunsinger: and if any entity wants, you know isn't ready today, but
might be ready. 5 years from now. The fiber will be there available

733
01:41:01.580 --> 01:41:21.039
erik hunsinger: for connection to any entity that wants to connect, and
all we will have to do is roll a truck and do a splice cut, and we can

interconnect at any point. Again, the philosophy of this network is very different than the standard commercial network which would protect the network from being cut.

734
01:41:21.050 --> 01:41:33.050
erik hunsinger: This is the complete opposite. The philosophy is to connect all communities across the State of California. And if that doesn't answer the question, please look to Karen or somebody else for for more detail.

735
01:41:36.400 --> 01:41:43.539
Rachel Peterson: Eric. Thank you for that. It's Rachel. I would just want to reinforce your message. Actually, that is exactly the goal with this

736
01:41:43.660 --> 01:41:57.510
Rachel Peterson: program, and with this partnership, that middle mile and last mile are intended to be connected where philosophy is open access, which means access by communities to this core

737
01:41:57.520 --> 01:42:04.849
Rachel Peterson: fundamental network that we are in partnership to build so just a a resounding yes to the message you just gave. Thank you

738
01:42:11.270 --> 01:42:23.379
Adriana Surfas: And, Mark, I see that you've turned on your camera and you're off mute as Karen as our you. So I don't know if you have some additional items you want to add in response to that question.

739
01:42:23.760 --> 01:42:29.010
Mark Monroe: Oh, well, I just yeah the echo. The comments we we we're designing the network we've got, you know.

740
01:42:29.160 --> 01:42:40.919
Mark Monroe: vaults every 2,500 feet. We're really we're designing this network to be to to to maximize the availability so as many communities need to tie in can tie in, so it's really one to echo Eric's comments.

741
01:42:44.020 --> 01:42:45.160
Adriana Surfas: Thank you.

742
01:42:45.400 --> 01:42:50.279
Adriana Surfas: We also have just an anonymous participant.

743
01:42:50.320 --> 01:42:56.240

Adriana Surfas: noted that. Thank you for all the good last mile resources.

744
01:42:56.260 --> 01:43:10.680
Adriana Surfas: Please also keep in mind the additional barriers to entry tribes face with community projects. Non-tribal applicants should have to show how they are going to overcome systemic and local personal biases before receiving funding.

745
01:43:11.040 --> 01:43:16.439
Adriana Surfas: So that was just post in the Q. A. Rachel. I see you're off mute.

746
01:43:16.620 --> 01:43:20.399
Rachel Peterson: I say thank you for the comment. We'll take that back. Thank you.

747
01:43:29.430 --> 01:43:31.449
Adriana Surfas: and let's see

748
01:43:31.630 --> 01:43:39.059
Adriana Surfas: perfect. So and then I see one additional response about

749
01:43:39.220 --> 01:43:42.249
Adriana Surfas: just a a general comment about

750
01:43:42.460 --> 01:43:59.929
Adriana Surfas: since tribes the in, since tribes often don't pay taxes, sometimes there's they They indicated. Local governments often think tribal communities. Don't deserve services. So I will. Just so you have that comment as well. Rachel and Karen

751
01:44:00.200 --> 01:44:01.840
4154718561: perfect. Thank you.

752
01:44:02.860 --> 01:44:03.849
Adriana Surfas: Okay.

753
01:44:04.960 --> 01:44:10.920
Adriana Surfas: And are there any additional questions? I don't see any hands raised?

754
01:44:12.980 --> 01:44:17.519

Closing Remarks

Adriana Surfas: I think all of our questions from the Q. A. Have concluded

755
01:44:19.270 --> 01:44:22.750
Adriana Surfas: i'm going to pause for just a a minute.

756
01:44:26.990 --> 01:44:28.900
Adriana Surfas: Okay? Well.

757
01:44:32.070 --> 01:44:46.249
Adriana Surfas: I want to thank everybody for joining us today. Appreciate the opportunity to share more information about the middle Mile broadband initiative how this is being what it is, how it's being delivered.

758
01:44:46.260 --> 01:44:52.649
Adriana Surfas: as well as information on broadband for all, and how we're making those last mile connections.

759
01:44:52.680 --> 01:45:09.819
Adriana Surfas: There was a lot of really good information share. There's a lot of contact information we will be sharing the presentation later today, so you will have all of those contacts, and I folks there, I think Robert asked a question.

760
01:45:09.870 --> 01:45:19.119
Adriana Surfas: and there was a question from Anna. So you should have received responses to those as well. During today's

761
01:45:20.390 --> 01:45:34.760
Adriana Surfas: those emails were were sent. But please feel free to reach out to us. If you have additional questions and we look forward to continuing to work with you as we, as we move forward to install the middle mile broadband network.

762
01:45:34.860 --> 01:45:38.670
As mentioned. This is the second of 3

763
01:45:38.740 --> 01:45:55.550
Adriana Surfas: regional tribal engagement session. So there is the third one that is scheduled for February. Second. Folks are welcome to attend any any and all of those sessions. So we will see you back in a few weeks and continue the the conversation. Thank you.