

**North County Corridor, Stanislaus County, California  
Alternatives Screening Process  
Build Alternatives**

	Alt 10A New to North of SR 219/ North of Paterson/ SR 120 - Build Alternative 1/1A	Alt 10B New to SR 219/to South of Claribel/ SR 120 - Build Alternative 1/1B	Alt 10C New to SR 219/to North of Lexington/ SR 120 - Build Alternative 1/1A	Alt 10C-1 Alt 10 Stearns to SR 120 - Build Alternative 4	Alt 11 SR 219/ Kiernan/ Claribel Corridor - Build Alternative 2/2A	Alt 11A: SR 219 to Claus - Build Alternative 2	Alt 11B: Alt 11 to Wamble - Build Alternative 3	Alt12 Patterson to Albers - Build Alternative 1
<b>ENVIRONMENTAL ISSUES:</b>								
<b>Does the Alternative Affect Environmental Issues?</b>								
Farmlands under the Williamson Act (acres)	Y (503)	Y (524)	Y (506)	Y (313)	Y (394)	Y (433)	Y (399)	Y (477)
Prime Farmland (acres)	Y (265)	Y (251)	Y (255)	Y (332)	Y (218)	Y (180)	Y (239)	Y (255)
Local or Regional Air Quality or Increase Noise Levels?	U	U	U	U	U	U	U	U
Wetlands (acres) / Hydric Soils (acres)	Y (6.2) (274)	Y (4.56) (250)	Y (4.02) (318)	Y (9.17) (254)	Y (0.82) (377)	Y (2.4) (267)	Y (4.29) (306)	Y (4.85) (274)
Rare Threatened, or Endangered Plant or Animal Species (number of occurrences within 10 mile radius – plant=p; animal=a)	Y (17)p (26)a	Y (17)p (26)a	Y (17)p (26)a	Y (17)p (26)a	Y (17)p (26)a	Y (17)p (26)a	Y (17)p (26)a	Y (17)p (26)a
Impact Archaeological, Historical, or Paleontological Sites?	U	U	U	U	U	U	U	U
Impact Canal, Railroad, or Utility Crossings? (number of; c=canal; rr=railroad; ut=utility crossings)	Y (4)c (3)rr (8)ut	Y (4)c (3)rr (8)ut	Y (4)c (3)rr (8)ut	Y (4)c (3)rr (8)ut	Y (2)c (3)rr (9)ut	Y (2)c (3)rr (9)ut	Y (2)c (3)rr (6)ut	Y (4)c (3)rr (5)ut
Emergency Response Times?	U	U	U	U	U	U	U	U
Geology, Soils, Seismicity?	U	U	U	U	U	U	U	U
Flood Hazard Zones or Floodplains? (number)	N - 0	N - 0	N - 0	N-0	N-0	N-0	N-0	N-0
Parcels/Buildings Affected/ Relocations? (number of parcels = p; buildings = b; urban acres = u; rural acres = r)	Y (193)p (124)b (209)u (679)r	Y (218)p (153)b (276)u (630)r	Y (184)p (115)b (194)u (663)r	Y (316)p (172)b (213)u (629)r	Y (315)p (258)b (280)u (629)r	Y (262)p (169)b (226)u (569)r	Y (307)p (226)b (283)u (583)r	Y (209)p (128)b (210)u (684)r
Social or Economic Impacts?	U	U	U	U	U	U	U	U
Visual Impacts?	U	U	U	U	U	U	U	U
Conflicts with Transportation or Land Use Plans?	N	N	N	N	N	N	N	N
Local Government Support for a New Route?	Y	Y	Y	Y	Y	Y	Y	Y

**Notes:**

With the exception of the last criteria, a “Yes” answer means that the alternative would result in negative impacts. A “No” answer means that no negative impacts would occur. A letter “U” means that the answer is currently unknown. A “Yes” answer under the last criteria would be a positive impact.

**Alternatives 1 through 7 are the No Action/No Build Alternatives** and include the following: **Alternative 1:** Land Use (Existing General Plans of Cities and County); **Alternative 2:** Use Existing or Improved Transit System; **Alternative 3:** Intersection and Signal Improvements; **Alternative 4:** Improve Existing Roadway System; **Alternative 5:** Use of Carpools, Vanpools, Train, Bus, Bicycle, and Walking; **Alternative 6:** Compressed Work Hours/Telecommuting; and **Alternative 7:** Increased Park and Ride Use. **Build Alternatives** are identified above.

**Column Color Coding:** Column colors coordinate with NCC Alternative Screening Map

## North County Corridor Initial Alternatives Screening Process

### Explanation of Responses:

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**Alternative 10A: New to North of SR 219/North of Patterson/SR 120** – This alternative would affect 70 parcels and 503 acres that fall under the Williamson Land Act, with 265 acres of prime farmland. There would be 4.45 acres of freshwater emergent wetland, 1.40 acres of freshwater pond and 0.35 acre of other wetland types located within the alignment and there would be 274.19 acres of hydric soils affected. A total of seventeen special-status plant occurrences are within 10 miles; 26 special-status wildlife occurrences are within 10 miles, including one federally listed species and one state listed species. This alternative would involve 4 crossings of the Hetch Hetchy canal, 3 railroad crossings, and 8 major canal crossings. This alternative does not encroach in the flood hazard zones or floodplains. This alternative would have moderate construction costs and there would be a low number of commercial and residential properties that would be taken. Estimated cost for this alternative is \$746 million dollars; it would affect 193 parcels, 124 buildings, which include no commercial buildings, 209 urban acres, and 679 rural acres. Total length of this alternative would be 24.8 miles.

**Alternative 10B: New to SR 219/to South of Claribel/SR 120** – This alternative would affect 70 parcels and 524 acres that fall under the Williamson Land Act, with 251 acres of prime farmland. There would be 3.43 acres of freshwater emergent wetland, 0.78 acre of freshwater pond and 0.35 acre of other wetland types located within the alignment and there would be 250.03 acres of hydric soils affected. A total of seventeen special-status plant occurrences are within 10 miles; 26 special-status wildlife occurrences are within 10 miles, including one federally listed species and one state listed species. This alternative would involve 4 crossings of the Hetch Hetchy canal, 3 railroad crossings, and 8 major canal crossings. This alternative does not encroach in the flood hazard zones or floodplains. This alternative would have moderate construction costs and there would be a low number of commercial and residential properties that would be taken. Estimated cost for this alternative is \$818 million dollars, with 218 parcels affected, 153 buildings which include 20 commercial buildings 276 urban acres, and 630 rural acres that would be lost. Total length of this alternative would be 24.8 miles.

**Alternative 10C: New to SR 219/to North of Lexington/SR 120** – This alternative would affect 69 parcels and 506 acres that fall under the Williamson Land Act, with 255 acres of prime farmland. There would be 3.52 acres of freshwater emergent wetland, 0.08 acre of freshwater pond and 0.42 acre of other wetland types located within the alignment. This alternative is located on 318.39 acres of hydric soil. Seventeen special-status plant occurrences within 10 miles; 26 special-status wildlife occurrences within 10 miles including one federally listed species and one state listed species. This alternative would involve 4 crossings of the Hetch Hetchy canal, 3 railroad crossings, and 8 major canal crossings. This alternative does not encroach in the flood hazard zones or floodplains. This alternative would have moderate construction costs and there would be a low number of commercial and residential properties that would be taken. Estimated cost for this alternative is \$719 million dollars; the project would affect 184 parcels, 115 buildings, 194 urban acres, and 663 rural acres. Total length of this alternative would be 23.9 miles. Please note that former alternative **10C-2** has been **combined with Alternative 10C** due to similarity of alignment.

**Alternative 10C-1: Alternative 10A to Stearns/SR 120** – This alternative would affect 72 parcels and 313 acres that fall under the Williamson Land Act, with 332 acres of prime farmland. There would be 8.51 acres of freshwater emergent wetland and 0.66 acre of freshwater pond located within the alignment. This alternative is located on 254.31 acres of hydric soil. Seventeen special-status plant occurrences are within 10 miles; 26 special-status wildlife occurrences are within 10 miles including one federally listed species and one state listed species on alignment, and one species of special concern very near alignment. This alternative would involve 4 crossings of the Hetch Hetchy canal, 3 railroad crossings, and 8 major canal crossings. This alternative does not encroach in the flood hazard zones or floodplains. This alternative would have moderate construction costs and there would be a low number of commercial and residential properties that would be taken. Estimated cost for this alternative is \$711 million dollars and it would affect 316 parcels, 172 buildings, 213 urban acres and 629 rural acres. This alternative could result in operational or safety problems due to conflict with airspace at the adjacent airport. Total length of this alternative would be 23.5 miles.

**Alternative 11: SR 219/Kiernan/Claribel Corridor** – This alternative would affect 79 parcels and 394 acres that fall under the Williamson Land Act and 218 acres of prime farmland. There would be 0.30 acre of freshwater emergent wetland, 0.08 acre of freshwater pond, and 0.42 acre of other wetland types located within the alignment. This alternative is located on 377.46 acres of hydric soil. Seventeen special-status plant occurrences are within 10 miles; 26 special-status wildlife occurrences are within 10 miles; an occurrence of big tarplant reported at west end of alignment. This alternative would involve 2 crossings of the Hetch Hetchy canal, 3 railroad crossings, and 9 major canal crossings. This alternative does not encroach in the flood hazard zones or floodplains. This alternative would have moderate construction costs and there would be a low number of commercial and residential properties that would be taken. Estimated cost for this alternative is \$915 million; this alternative would affect 315 parcels, 258 buildings which include 20 commercial buildings, 280 urban acres, and 629 rural acres. Total length of this alternative would be 22.6 miles.

**Alternative 11A: SR 219 to Claus** – This alternative would affect 74 parcels and 433 acres that fall under the Williamson Land Act and 180 acres of prime farmland. There would be 1.32 acres of freshwater emergent wetland, 0.66 acre freshwater pond and 0.42 acre of other wetland types located within the alignment. This alternative is located on 267.39 acres of hydric soil. Seventeen special-status plant occurrences are within 10 miles; 26 special-status wildlife occurrences are within 10 miles. This alternative would involve 2 crossings of the Hetch Hetchy canal, 3 railroad crossings, and 9 major canal crossings. This alternative does not encroach in the flood hazard zones or floodplains. This alternative would have moderate construction costs and there would be a low number of commercial and residential properties that would be taken. Estimated cost for this alternative is \$869 million dollars; this alternative would affect 262 parcels, 169 buildings which include 20 commercial buildings, 226 urban acres, and 569 rural acres. Total length of this alternative would be 21.8 miles.

**Alternative 11B: Alternative 11 to Wamble Road** – This alternative would affect 86 parcels and 399 acres that fall under the Williamson Land Act and 239 acres of prime farmland. There would be 0.03 acres of freshwater emergent wetland and 4.26 acres of freshwater pond located within the alignment. This alternative is located on 306.30 acres of hydric soil. An occurrence of beaked clarkia is reported within ~0.25 miles of alignment. Seventeen special-status plant occurrences are within 10 miles; 26 special-status wildlife occurrences are within 10 miles. This alternative would involve 2 crossings of the Hetch Hetchy canal, 3 railroad crossings, and 6 major canal crossings. This alternative does not encroach in the flood hazard zones or floodplains. This alternative would have moderate construction costs and there would be a moderate number of commercial and residential properties that would be taken. Estimated cost for this alternative is \$881 million dollars; this alternative would affect 307 parcels, 226 buildings which include 20 commercial buildings, 283 urban acres, and 583 rural acres. Total length of this alternative would be 21.5 miles.

**Alternative 12: Patterson Road to Albers Road** – This alternative would affect 76 parcels and 477 acres that fall under the Williamson Land Act and 255 acres of prime farmland. There would be 3.67 acres of freshwater emergent wetland, 0.83 acre of freshwater pond and 0.35 acre of other wetland types located within the alignment. This alternative is located on 274.82 acres of hydric soil. Seventeen special-status plant occurrences are within 10 miles; 26 special-status wildlife occurrences are within 10 miles including one federally listed species and one state listed species on alignment. This alternative would involve 4 crossings of the Hetch Hetchy canal, 3 railroad crossings, and 5 major canal crossings. This alternative does not encroach in the flood hazard zones or floodplains. This alternative would have low construction costs and there would be a low number of commercial and residential properties that would be taken. Estimated cost for this alternative is \$749 million dollars, with 209 parcels, 128 buildings, no commercial buildings, 210 urban acres and 684 rural acres affected. Total length of this alternative would be 24.9 miles.