

## CHAPTER 3 FEDERAL-AID ROUTES & FUNCTIONAL CLASSIFICATIONS

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## CHAPTER 3 FEDERAL-AID ROUTES & FUNCTIONAL CLASSIFICATIONS

### 3.1 INTRODUCTION

Prior to the Intermodal Surface Transportation Efficiency Act (ISTEA) of 1991, the Federal-aid Highway Program was directed primarily toward the construction and improvement of four federal-aid systems: the Interstate (FAI), Primary (FAP), Urban (FAU) and Secondary (FAS) Systems. The National Highway System Act of 1995 restructured the federal-aid system and repealed the FAP, FAU and FAS systems. Instead of four federal-aid systems, now there is one system, the National Highway System (NHS). The Interstate System is a component of the NHS.

Although there is only one federal-aid system comprising of arterials, collectors and local roads, all public roads functionally classified above that of rural minor collector are eligible for federal assistance under new and/or continued programs provided by SAFETEA-LU. These are primarily funded under the Regional Surface Transportation Program (RSTP), the Congestion Mitigation and Air Quality (CMAQ) Improvement Program, and the Highway Bridge Program (HBP). Refer to Chapters 4 through 12 of this manual for complete discussions of the various federal-aid programs available to local agencies under the SAFETEA-LU.

### 3.2 FEDERAL-AID ROUTES

#### NATIONAL HIGHWAY SYSTEM

The NHS focuses federal resources on routes which are most important to interstate travel and the national defense, and roads that connect to other modes of transportation or are essential for international commerce. The NHS is designed to maintain system connectivity within the State and with adjacent states.

Section 103 (b) (1) of 23 U.S.C. defines the purpose of the NHS as:

“to provide an interconnected system of principal arterial routes which will serve major population centers, international border crossings, ports, airports, public transportation facilities, and other major travel destinations; meet national defense requirements; and serve interstate and interregional travel.”

The federally mandated components of the NHS are: 1) the Interstate Highways 2) other urban and rural principal arterials 3) intermodal connectors which provide motor vehicle access to a major port, airport, public transportation facility, or other intermodal transportation facility, 4) the Strategic Highway Network (STRAHNET) which is a network of highways important to the United States strategic defense policy and which provides defense access, continuity, emergency capabilities for the movement of personnel, materials, and equipment in both peace time and war time, 5) major STRAHNET connectors which are listed in the Military Traffic Management Command's report, STRAHNET Connector Atlas, SE89-4b-59, dated September 1991, and 6) High Priority Corridors which have been predetermined by Congress.

The task of designating the State's portion of the NHS was a cooperative effort between Caltrans, regional and local governments, and neighboring states. The National Highway System Designation Act, signed by the President on November 28, 1995 formally adopted the NHS. The NHS listing was updated in 2002; refer to Exhibit 3-A "Local Routes on the National Highway System," of this manual for the listing of the local routes on the NHS.

## **FEDERAL-AID SYSTEM**

Highways which are classified higher than local roads or rural minor collectors are collectively referred to as "Federal-aid Highways." New and continued programs provided under SAFETEA-LU permit the use of federal funds on these types of facilities.

Within the State of California, the total mileage of the federal-aid system, (including about 7,638 NHS miles) is approximately 54,700 miles.

## **OTHER PUBLIC ROADS**

Although most federal highway funds are spent on "federal-aid highways," some federal funds may be used to finance improvements on local roads and rural minor collectors. Under the Highway Bridge Program (HBP), at least 15% of the State's bridge apportionment is to be used for bridge projects on roads classified as local or rural minor collectors. In addition, the Surface Transportation Program provides federal funds for bridge, safety, carpool related, and bicycle/pedestrian projects on any public road, regardless of functional classification.

## **3.3 FUNCTIONAL CLASSIFICATIONS**

Streets and highways are grouped into classes or systems according to the character of service they are intended to provide. This process is called functional classification. An integral part of this process is the recognition that individual roads and streets do not serve travel independent from the rest of the highway system. Rather, most travel involves movement through a network of roads, so it is necessary to determine how this travel can be channelized within the network in a logical and efficient manner. Functional classification defines the nature of this channelization process by defining the role that any particular road or street should play in serving the flow of trips through a highway network.

Functional classification can be applied in planning highway system development, determining the jurisdictional responsibility for particular systems, and in fiscal planning. Functional classification is also important in determining eligibility for federal-aid funding.

## **FUNCTIONAL CLASSIFICATION FEATURES**

Urban and rural areas have fundamentally different characteristics as to density of street and highway networks, nature of travel patterns, and the way in which these elements are related in highway function. Therefore, it is necessary to provide separate classifications for urban and rural functional systems.

## URBAN

The four functional systems for urban and urbanized areas are 1) principal arterials, 2) minor arterial streets, 3) collector streets, and 4) local streets.

- The urban principal arterial system of streets and highways serves the major centers of activity of a metropolitan area, the highest traffic volume corridors, and the longest trip desires, and carry a high proportion of the total urban area travel on a minimum of mileage. The system is integrated, both internally and between major rural connections.

The principal arterial system carries the major portion of trips entering and leaving the urban area, as well as the majority of through movements desiring to bypass the central city. In addition, significant intra-area travels, such as between central business districts and outlying residential areas, between major inner city communities, or between major suburban centers, are served by this system. Frequently, the principal arterial system will carry important intra-urban as well as intercity bus routes. Finally, this system in small urban and urbanized areas provides continuity for all rural arterials which intercept the urban boundary.

- The urban minor arterial street system interconnects with and augments the urban principal arterial system and provides service to trips of moderate length and a somewhat lower level of travel mobility than principal arterials. This system also distributes travel to geographic areas smaller than those identified with the higher system.

The urban minor arterial street system includes all arterials not classified as principal arterials and contains facilities that place more emphasis on land access than the higher system, and offer a lower level of traffic mobility. Such facilities may carry local bus routes and provide intra-community continuity, but ideally should not penetrate identifiable neighborhoods. This system includes urban connections to rural collector roads where such connections have not been classified as urban principal arterials.

- The urban collector street system provides both land-access service and traffic circulation within residential neighborhoods, commercial and industrial areas. It differs from the arterial system in that facilities on the collector system may penetrate residential neighborhoods, distributing trips from the arterials through the area to the ultimate destination. Conversely, the collector street also collects traffic from local streets in residential neighborhoods and channels it into the arterial system. In the central business district and in other areas of like development and traffic density, the collector system may include the street grid which forms a logical entity for traffic circulation.
- The urban local street (local roads) system comprises all facilities not on one of the higher systems. It serves primarily to provide direct access to abutting land and access to the higher systems. It offers the lowest level of mobility and usually contains no bus routes. Service to through traffic movement usually is deliberately discouraged.

## RURAL

Rural functional classes are in the areas outside of urban areas. These areas include many small towns that have a population less than 5,000. The classes are similar to the urban functional classes. The differences in the nature and intensity of development between rural and urban areas cause these systems to have characteristics that are somewhat different from the correspondingly named urban systems. Rural functional classes consist of: 1) principal arterials, 2) minor arterials, 3) major collectors, 4) minor collectors, and 5) local streets.

- The rural principal arterial system consists of a network of continuous routes that serve corridor movements with trip length and travel density characteristics indicative of substantial statewide or interstate travel. Rural principal arterials provide an integrated network without stub connections except where unusual geographic or traffic flow conditions dictate otherwise.
- The rural minor arterial system forms a network linking cities, larger towns, and other traffic generators, such as resort areas capable of attracting travel over similarly long distances. Minor arterials, spaced at intervals consistent with population density, ensure that all developed areas of the State are within a reasonable distance of an arterial highway.
- The rural major collector system serves the larger towns not directly served by arterials and other traffic generators of intra-county importance.
- Rural minor collectors are spaced at intervals consistent with population density, collect traffic from local roads and serve the remaining smaller communities.
- Rural local streets primarily provide access to adjacent land and provide service to travel over relatively short distances as compared to collectors or other higher systems.

## CHANGES IN FUNCTIONAL CLASSIFICATION

Caltrans has the primary responsibility for determining anticipated functional usage, and initially developing and periodically updating the **statewide** highway functional classification.

Changes in functional classification must comply with the requirements described in the *Highway Functional Classification -- Concepts, Criteria and Procedures* manual published by the Federal Highway Administration (FHWA).

- City Streets - Each incorporated city is responsible for initiating requests to change the functional classification of city streets. City staff provides the necessary justification for the proposed classification change. The changes should be consistent with approved FHWA guidelines
- County Roads - Each county is responsible for initiating requests to change the functional classification of county roads. County staff provides the necessary justification for the proposed classification change. The changes should be consistent with the approved FHWA guidelines

- State Highways - Caltrans Districts are responsible for initiating requests to change the functional classification of State highways. District staff provides the necessary justification for the proposed classification change. The changes should be consistent with the approved FHWA guidelines.
- Changes to other facilities - Forest Service roads, State Park roads, Indian Reservation roads, etc. must be initiated by the affected agency that has jurisdiction over the facility. The staff of each agency provides the necessary justification for the proposed classification change. The Caltrans Districts would assist with any questions these agencies may have regarding the proposed functional classification changes.

Once a request is initiated by the responsible agency, it must be submitted to the appropriate MPO or RTPA for concurrence. This requirement applies to all public roads (local, State and Federal) for which a functional classification change is proposed.

When a MPO/RTPA proposes the change of functional classification of a public road, it must involve the appropriate entity with jurisdiction over the facility to ensure that recommendations are mutually acceptable.

All requests for change, along with all the justifications, are forwarded through the Caltrans Districts to the Headquarters Division of Transportation System Information (TSI) for evaluation and recommendation to FHWA. The Districts review all proposals and submit their independent recommendations to Headquarters TSI. TSI updates the (Functional Classification) maps and sends to FHWA for approval. The change becomes official on the date the FHWA signs the maps.

### 3.4 REFERENCES

- FHWA, Highway Functional Classification--Concepts, Criteria and Procedures, March, 1989.
- Title 23, Ch 1, Section 103 and Section 1006 of Publication 102-240
- 23 USC, section 130(b)(1)
- Division of TSI, Highway System Engineering Web site:  
<http://www.dot.ca.gov/hq/tsip/hseb/index.html>
- National Highway System Act of 1995
- SAFETEA-LU Web site: <http://www.fhwa.dot.gov/safetealu/index.htm>

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## LOCAL NATIONAL HIGHWAY SYSTEM DESIGNATION

County	Local Agency	Local Road Name	Route Description and Termini	Total Miles
<b>DISTRICT 02</b>				
Lassen	County	Garnier Rd.	From Herlong Access Rd. (Sierra Ordinance Depot) to Route 395	3.8
<b>DISTRICT 03</b>				
Sacramento	County	Hazel Ave	From Route 50 to Folsom Blvd.	0.1
Sacramento	County	Folsom Blvd.	From Hazel Avenue to Aerojet Road.	0.4
Sacramento	County	Roseville Road	From I-80 to Watt Avenue.	1.7
Sacramento	County	Watt Ave	From Roseville Road to McClellan AFB (A Street).	0.8
Yolo	W SAC	Harbor Blvd.	From Industrial Road to Route 50.	0.4
<b>DISTRICT 04</b>				
Alameda	Oakland	West Grand	From I-80 to Maritime Street.	0.4
Alameda	Oakland	Maritime St.	From West Grand Avenue to 7 <sup>th</sup> Street.	1.3
Alameda	Oakland	Batann Ave	From Maritime Street to Corregidor St. (Mil. Ocean Terminal).	0.2
Alameda	Oakland	8 <sup>th</sup> St	From I-880 to Cypress Avenue.	0.0
Alameda	Oakland	Cypress St.	From 8 <sup>th</sup> Street to 7 <sup>th</sup> Street.	0.1
Alameda	Oakland	7 <sup>th</sup> Street	From Cypress Avenue to Maritime Street.	1.2
Alameda	Oakland	Hegenberger Rd.	From West of Rte 61 to I-880.	1.1
Alameda	Oakland	Middle Harbor Rd.	From East E St. (Oakland Nav. Supply Ctr.) to I-880.	1.4
Contra Costa	County	Waterfront Road	From I-680 to Martinez City Limit (East of SPRR).	0.8
Contra Costa	Martinez	Waterfront Road	From Martinez City Limit (East of SPRR) to 0.6 mi east.	0.6
Contra Costa	County	Waterfront Road	From 0.6 mi east SPRR to 0.1 mi. east of Hastings Slough	2.3
Contra Costa	Richmond	Western Dr.	From I-580 to Point Molate Fuel Depot.	0.8
Contra Costa	Richmond	Canal Blvd	From Port of Richmond to I-580.	1.1
Contra Costa	Richmond	Harbour Way	From Port of Richmond to I-580.	0.9
San Francisco	SF	Army St.	From 3 <sup>rd</sup> Street (Port of SF) to Rte 101.	0.9
San Francisco	SF	3 <sup>rd</sup> St.	From Army St to Cargo Way (Port of SF).	0.3
Santa Clara	San Jose	Airport Pkwy	From Airport Blvd to Rte 87.	0.1
Solano	Fairfield	Airbase Pkwy	From I-80 to Cannon Dr. (Travis Air Force Base).	5.6

<b>County</b>	<b>Local Agency</b>	<b>Local Road Name</b>	<b>Route Description and Termini</b>	<b>Total Miles</b>
<b>DISTRICT 05</b>				
Santa Barbara	County	Clark Ave.	From Rte 135 to Route 101	2.3
<b>DISTRICT 06</b>				
Kern	County	Rosamond Blvd.	From Edwards Air Force Base (W. Bdry) to Route 14.	1.8
<b>DISTRICT 07</b>				
Los Angeles	Long Beach	Pico Ave.	From Ocean Blvd (Port of Long Beach) to 9 <sup>th</sup> Street.	0.9
Los Angeles	Long Beach	9 <sup>th</sup> St.	From Pico Ave to Santa Fe Avenue.	0.4
Los Angeles	Long Beach	Santa Fe Ave.	From 9 <sup>th</sup> Street to Anaheim Street.	0.1
Los Angeles	Los Angeles	Anaheim St.	From Alameda Street to 0.1 mi East of Nicholson Avenue.	1.3
Los Angeles	Long Beach	Anaheim St.	From 0.1 mi East of Nicholson Ave to Santa Fe Avenue.	0.3
Los Angeles	Los Angeles	Alameda St.	From Anaheim Street to B Street.	0.9
Los Angeles	Los Angeles	B Street	From Alameda Street to John Gibson Blvd.	1.2
Los Angeles	Los Angeles	John Gibson Blvd.	From Wilmington-San Pedro Rd. (Port of LA) to B Street.	1.1
Los Angeles	Los Angeles	Figueroa St.	From B Street to C Street.	0.1
Los Angeles	Los Angeles	C Street	From Figueroa Street to I-110.	0.1
Los Angeles	Palmdale	Avenue M	From Rte 138 to 30 <sup>th</sup> St. (AF Plant 42).	4.4
Ventura	Port Hueneme	Hueneme Rd.	From Ventura Road to City Limit West of J Street.	0.4
Ventura	Oxnard	Hueneme Rd.	From CL West of J St. to Edison Drive.	1.0
Ventura	County	Hueneme Rd.	From Edison Drive to Rice Avenue.	1.3
Ventura	County	Rice Ave	From Hueneme Rd to Fifth Street (SH 34).	3.1
Ventura	Oxnard	Rice Ave	From Fifth Street (SH 34) to Route 101.	1.7
Ventura	Oxnard	Victoria Ave.	From Channel Islands Blvd. to Wooley Road.	1.0
Ventura	County	Victoria Ave.	From Wooley Road to City Limit South of Fifth Street.	0.5
Ventura	Oxnard	Victoria Ave.	From CL South of Fifth St. to Teal Club Road.	0.4
Ventura	County	Victoria Ave.	From Teal Club Road to City Limit at SPRR.	3.3

County	Local Agency	Local Road Name	Route Description and Termini	Total Miles
Ventura	Ventura	Victoria Ave.	From CL at SPRR to Route 101	0.3
Ventura	County	Las Posas Road	From Rte 1 (Point Mugu Naval Station) to Pleasant Valley Road	6.0
Ventura	Camarillo	Las Posas Road	From Pleasant Valley Road to Route 101.	0.9
<b>DISTRICT 08</b>				
San Bernardino	Barstow	Fort Irwin Rd.	From I-15 to Fort Irwin.	23.4
San Bernardino	TNP	Lear Ave.	From Rte 62 (Twenty Nine Palms Hwy) to Amboy Road.	2.1
San Bernardino	County	Lear Ave.	From Amboy Road to Indian Trail.	1.5
San Bernardino	County	Indian Trail	From Lear Ave to Mesquite Springs Road.	4.4
San Bernardino	TNP	Indian Trail	From Mesquite Springs Road to Condor Road.	1.0
San Bernardino	TNP	Condor Rd.	From Indian Train to Marine Combat Center.	1.3
Riverside	MORV	Cactus Ave.	From Graham St. (March Air Force Base) to I-215.	1.6
<b>DISTRICT 10</b>				
San Joaquin	LTRP	Roth Rd	From 0.3 mi. West of WPRR (Sharpe Army Depot) to I-5.	0.7
San Joaquin	County	Chrisman Road	From Valpico Rd. (Tracy Defense Depot) to 11 <sup>th</sup> Street.	2.0
San Joaquin	County	11 <sup>th</sup> STEET	From Chrisman Road to I-5.	3.8
San Joaquin	Stockton	Harbor St.	From Port of Stockton to Fresno Avenue.	0.2
San Joaquin	Stockton	Fresno Ave.	From Harbor Street to Route 4.	0.3
<b>DISTRICT 11</b>				
San Diego	SD	Miramar Rd.	From Neptune Road (Miramar Naval Air Station) to I-15.	1.0
San Diego	NATC	8 <sup>th</sup> Street	From Harbor Drive to I-5.	0.3
San Diego	SD	Pacific Hwy	From NSC-Broadway Compound to Braodway.	0.1
San Diego	SD	Broadway	From Pacific Highway to 11 <sup>th</sup> Avenue.	1.0
San Diego	SD	11 <sup>th</sup> Ave.	From Broadway to I-5.	0.6
San Diego	SD	Rosecrans Ave.	From N Bndry Naval Res. to N Harbor Dr. (portion Rte. 209).	1.5
San Diego	SD	N. Harbor Dr.	From Rosecrans Ave (SH 209) to Laurel Drive.	3.0
San Diego	SD	Laurel St.	From Harbor Drive to I-5.	0.5
San Diego	SD	Pacific Hwy	From Laurel Street to E St. (NSC-Broadway Compound).	1.0

<b>County</b>	<b>Local Agency</b>	<b>Local Road Name</b>	<b>Route Description and Termini</b>	<b>Total Miles</b>
San Diego	SD	Grape St.	From Pacific Highway to I-5.	0.3
San Diego	SD	Hawthorn St.	From Pacific Highway to I-5.	0.3
San Diego	SD	Crosby Rd.	From Belt St (Port of San Diego) to Harbor Drive.	0.1
San Diego	SD	Crosby St.	From Harbor Drive to I-5.	0.3
San Diego	SD	Harbor Dr.	From Crosby Street to 28 <sup>th</sup> Street.	1.0
San Diego	SD	28 <sup>th</sup> Street	From Harbor Drive to I-5.	0.3
<b>DISTRICT 12</b>				
Orange	Los Alamitos	Katella Ave.	From Lexington Drive to I-605.	1.6
Orange	Los Alamitos	Lexington Dr.	From Katella Avenue to Los Alamitos Reserve Center.	0.3
Orange	Seal Beach	Seal Beach Blvd	From Forrestal Lane to I-405.	2.0
<b>"LOCAL" ROUTES ON THE NHS TOTAL</b>				<b>119.5</b>

## LOCAL NATIONAL HIGHWAY SYSTEM INTERMODAL CONNECTORS

County	Local Agency	Local Road Name	Route Description and Termini	Total Miles
<b>DISTRICT 01</b>				
Humboldt	Eureka	Washington St.	From Port of Humboldt to Route 101.	0.4
<b>DISTRICT 04</b>				
Alameda	Oakland	Broadway	From Oakland Amtrak Station to Second Street.	0.1
Alameda	Oakland	Second St.	From Broadway to Jackson Street.	0.3
Alameda	Oakland	Jackson St.	From Second Street to I-880.	0.2
Alameda	Emeryville	Powell St.	From Emeryville Amtrak Station to I-80.	0.2
Alameda	Oakland	Castro St.	From Oakland Bus Terminal to 18 Street.	0.2
Alameda	Oakland	18th St.	From Castro Street to I-980.	0
Contra Costa	Richmond	Canal Blvd.	From Richmond Rail Yard to I-580.	0.2
Contra Costa	Richmond	Giant Highway	From UPS-Richmond Terminal to Richmond Parkway.	0.7
Contra Costa	Richmond	Richmond Pkwy	From Giant Highway to I-80.	1.1
Contra Costa	Martinez	Marina Vista	From Martinez Amtrak Station to Alhambra Street.	0.3
Contra Costa	Martinez	Alhambra St.	From Marina Vista to Route 4.	2.0
Santa Clara	San Jose	Montgomery St.	From San Jose Amtrak Station to The Alameda.	0.2
Santa Clara	San Jose	The Alameda	From Montgomery Street to Santa Clara Street.	0.1
Santa Clara	San Jose	Santa Clara St.	From The Alameda to Almaden Blvd.	0.4
Santa Clara	San Jose	Almaden Blvd.	From Santa Clara Street to St. James Street.	0.2
Santa Clara	San Jose	St. James St.	From Almaden Blvd. to Route 87.	0.1
Santa Clara	San Jose	Post St.	From San Jose Bus Terminal to Almaden Avenue.	0.1
Santa Clara	San Jose	Almaden Ave.	From Post Street to St. James Street.	0.3
Solano	Benicia	Bayshore Rd.	From Port of Benicia to Park Road.	1.6
Solano	Benicia	Park Rd.	From Bayshore Road to Industrial Way.	0.2
Solano	Benicia	Industrial Way	From Park Road to I-680.	0.1
San Francisco	San Francisco	Bus Separator Ramp	From San Francisco Trans. Bay to I-80.	0.7
San Mateo	Redwood City	Seaport Blvd.	From Port of Redwood City to Route 101.	1.8

<b>County</b>	<b>Local Agency</b>	<b>Local Road Name</b>	<b>Route Description and Termini</b>	<b>Total Miles</b>
<b>DISTRICT 05</b>				
Monterey	Monterey	Salinas St.	From Salinas Bus Terminal to Route 183.	0.1
Monterey	County	Blackie Rd.	From Castroville Rail Yard to Route 183.	0.5
Monterey	Salinas	Abbott St.	From Salina Rail Yard to S. Sanborn Road.	0.5
Monterey	Salinas	S. Sanborn Rd.	From Abbott Street to Route 101.	0.8
Santa Barbara	County	Moffett Pl.	From Santa Barbara Airport to Route 217.	0.5
Santa Barbara	Santa Barbara	Yanonali	From Santa Barbara Amtrak Station to Garden Street.	0.2
Santa Barbara	Santa Barbara	Garden St.	From Yanonali to Route 101.	0.1
Santa Barbara	Santa Barbara	Carillo St.	From Santa Barbara Bus Terminal to Route 101.	0.7
Santa Cruz	Watsonville	W. Beach St.	From Watsonville Rail Yard to Industrial Road.	0.6
Santa Cruz	Watsonville	Industrial Rd.	From W. Beach St. to Route 129.	0.3
<b>DISTRICT 06</b>				
Kern	Bakersfield	F Street	From Bakersfield Amtrak Station to California Avenue.	0.3
Kern	Bakersfield	California Ave.	From F Street to Route 99.	1.0
Kern	Bakersfield	F Street	From Bakersfield Bus Terminal to 24 <sup>th</sup> Street.	0.4
Kern	Bakersfield	24 <sup>th</sup> St.	From F Street to Route 99.	1.3
Fresno	Fresno	Broadway	Fresno Bus Terminal to Fresno Street.	0.1
Fresno	Fresno	Tulare St.	From Fresno Amtrak Station to Route 41.	0.4
Fresno	Fresno	Fresno St.	From Broadway to Route 99.	0.5
Fresno	Fresno	North Ave.	From Fresno TOPC Rail Yard to Route 99.	0.5
Fresno	Fresno	Clinton Way	From Fresno Airport to McKinley Avenue.	0.5
Fresno	Fresno	McKinley Ave.	From Clinton Way to Route 41.	3.5
<b>DISTRICT 07</b>				
Los Angeles	Burbank	Thorton Ave.	From Burbank Airport to Buena Vista Street.	0.7
Los Angeles	Burbank	Buena Vista St.	From Thorton Ave. to I-5.	0.4
Los Angeles	Long Beach	Lakewood Blvd.	From Long Beach Airport to I-405.	1.0

County	Local Agency	Local Road Name	Route Description and Termini	Total Miles
Los Angeles	Los Angeles	Los Angeles St.	From Union Station Amtrak Station to Alameda Street.	0.1
Los Angeles	Los Angeles	Alameda St.	From Los Angeles Street to Route 101.	0.2
Los Angeles	Los Angeles	7 <sup>th</sup> Street	From Los Angeles Bus Terminal to Alameda Street.	0.2
Los Angeles	Los Angeles	Alameda St.	From 7 <sup>th</sup> Street to I-10.	0.8
Los Angeles	Los Angeles	Lamar St.	From LA Rail Yard (near Union Station) to North Main Street.	0.3
Los Angeles	Carson	Sepulveda Blvd.	From Long Beach Rail Yard to Route 47.	0.7
Los Angeles	Vernon and Commerce	Washington Blvd.	LA ATSF Rail Yard to I-710).	1.4
Los Angeles	Industry	Stimson Ave.	From City of Industry Rail Yard to Valley Boulevard.	0.1
Los Angeles	Industry	Valley Blvd.	From Stimson Ave. to Hacienda Blvd.	0.4
Los Angeles	Industry	Hacienda Blvd.	From Valley Blvd. to Route 60.	1.0
<b>DISTRICT 08</b>				
Riverside	Palm Springs	Tahquitz Canyon	From Palm Springs Airport to Indian Canyon Drive.	2.0
Riverside	Palm Springs	Indian Canyon Dr.	From Tahquitz Canyon Way to I-10.	6.0
Riverside	Indio	Requa Ave.	From Indio Bus Terminal to Jackson Street.	0.4
Riverside	Indio	Jackson St.	From Requa Avenue to I-10.	1.4
San Bernardino	Ontario	Archibald Ave.	From Ontario Airport to I-10.	0.7
San Bernardino	Ontario	Vineyard Ave.	From Ontario Airport to I-10.	0.8
San Bernardino	San Bernardino	Second St.	From San Bernardino Amtrak Station to I-10.	0.7
San Bernardino	San Bernardino	Third St.	From San Bernardino Amtrak Station to I-10.	0.7
San Bernardino	San Bernardino	4th St.	From San Bernardino Rail Yard to Cajon Road.	0.5
San Bernardino	San Bernardino	Cajon Rd.	From 4th Street to Route 66.	0.1

<b>County</b>	<b>Local Agency</b>	<b>Local Road Name</b>	<b>Route Description and Termini</b>	<b>Total Miles</b>
San Bernardino	Barstow	First Ave.	From Barstow Bus Terminal to Main Street.	0.6
San Bernardino	Barstow	Main St.	From First Avenue to Barstow Road.	0.3
San Bernardino	Barstow	Barstow Rd.	From Main Street to I-15.	1.0
San Bernardino	County	Cedar Ave.	From Fontana Rail Yard to I-10.	0.1
San Bernardino	Rialto	Riverside Ave.	From Fontana Rail Yard to I-10.	0.1
<b>DISTRICT 10</b>				
San Joaquin	Stockton	San Joaquin St.	From Stockton Amtrak Station to Lafayette Street.	0.4
San Joaquin	Stockton	Lafayette St.	From San Joaquin Street to Stanislaus.	0.3
San Joaquin	Stockton	Washington St.	From San Joaquin Street to Stanislaus.	0.3
San Joaquin	Stockton	Center St.	From Stockton Bus Terminal to Route 4.	0.1
San Joaquin	Stockton	Jefferson St.	From Stockton Rail Yard to Diamond Street.	0.2
San Joaquin	Stockton	Diamond St.	From Jefferson Street to Charter Way.	0.3
San Joaquin	County	Roth Rd.	From Lathrop Rail Yard to existing NHS Connector (Roth Rd.)	0.1
<b>DISTRICT 11</b>				
San Diego	Oceanside	Hill St.	From Oceanside Amtrak Station to Mission Avenue.	0.4
San Diego	Oceanside	Mission Ave.	From Hill Street to I-5.	0.5
San Diego	Solana Bch.	Lomas Santa Fe	From Del Mar Amtrak Station to Route I-5.	0.9
<b>DISTRICT 12</b>				
Orange	Irvine	MacArthur	From John Wayne Airport (Orange County) to I-405.	0.5
Orange	Santa Ana	Santa Ana Blvd.	From Santa Ana Amtrak Station to I-5.	0.2
Orange	Anaheim	Katella Rd.	Anaheim Amtrak Station to Route 57.	0.2
Orange	Fullerton	Harbor Blvd.	From Fullerton Amtrak Station to Route 91.	1.1
<b>INTERMODAL CONNECTOR "LOCAL" ROUTES ON THE NHS TOTAL</b>				