

STATE ROUTE 127 INYO COUNTY

General Route Information

- Total route length in District 9 is 49.42 miles.
- Segment 1: PM 0.00/14.75 San Bernardino/Inyo County Line to SR178 East in Shoshone
- Segment 2: PM 14.75/16.43 SR178 East in Shoshone to SR178 West, North of Shoshone
- Segment 3: PM 16.43/42.15 SR178 West, N. of Shoshone to SR190 at Death Valley Junction
- Segment 2: PM 42.15/49.42 SR190 at Death Valley Junction to Nevada State Line
- Route provides link between California and Nevada.
- Major access road to Death Valley National Park.
- Interregional and recreational travel are primary uses.
- 2-lane undivided conventional highway
- No access control
- Rural Minor Arterial
- Primary System
- Part of Interregional Road System
- Part of Freeway and Expressway System
- Eligible as State Scenic Highway but not designated
- Part of California State Highways Truck Network and designated as Terminal Access Route
- Not included in the Subsystem of Highways for the movement of Extra-Legal Permit Loads (SHELL) system; nor AB 866 or the Federal Highway Administration designate this route suitable for larger trucks.
- SR 190, State Line Road
- No passing lanes
- No right/left turn lanes
- No HOV lanes
- Rolling Terrain
- Posted Speed: 60mph
- No Special Features

- Surface type-“H” AC base and surface (at least 3” thick; there are exceptional areas with 12” thick AC)
- Outside Shoulder 8ft-treated with pavement as follows

Width (m)	0	0.3	0.6	1.2	2.4
Length (km)	21.24	19.31	37.66	1.45	0.16
% of Total	27	24	47	2	NA

- Inside Shoulder: 0
- Sight restriction: 12%
- Right of way: Varies from 30.5m to 122m
- Traveled Way 24ft
- Class 3 route (lowest priority) maintain only (keep route open and in safe operating condition).
- No capital or operating improvements planned through 2015

A. Roadway Conditions:

- Hwy Capacity Rating
 - 1997: “A” (except through small areas of Shoshone and Death Valley Junction)
 - 2015: “B” (Segment 1), “A” (Other segments)
- Number of travel lanes 2
- Width of travel lanes 12 to 14ft (mostly 12ft)
- Width of emergency parking lanes none, except a few intermittent gravel areas
- Left and right turn lanes none
- Divided highway segments none
- General pavement conditions Deflection levels exceeded tolerable levels in 1995. Some pavement cracking-no shoulders-trucks can cause damage if they run on the edge of the pavement
- Truck weight and size restrictions? no weight restrictions-a high route-needs 1 pilot car for Loads over 10ft, 2 pilot cars for loads over 12ft
- Steep grades Route elevation rises at Ibex Pass (Inyo/San BDO Co Ln) to 2090 ft.
 - Grades: under 3%: 98%
 - 3% to 6%: 1%
 - over 6%: 1%

- Sharp curves advisory Numerous horizontal curves have posted speeds ranging between 25 and 50 mph. (8 @ 50mph, 2 @ 40mph, 1 @ 35mph, 1 @ 25mph)

B. Traffic and Safety Conditions

- Traffic Counts by vehicle classifications

Annual Average AADT:

	<u>Segment1</u>	<u>Segment2</u>	<u>Segment3</u>	<u>Segment4</u>
1995	900	400	300	600
2015	1100	500	400	700

Between mid-December 1994 and the end of December 1995, machine vehicle counts were collected by District 9 to determine vehicle mix on SR127. 309,332 vehicles were counted. 82% were passenger vehicles, 11% were trucks, 6% were RVs and 1% were buses.

- Accident statistics for past three years/types of accidents

7/1/96-6/30/99: 26 accidents, 0 fatalities, 20 injuries
14 hit objects, 8 overturns, 4 other

Types of vehicles involved: 14 passenger cars, 2 truck/tractor w/trailer, 8 pickup/panel trucks, 1 school bus, 1 truck/tractor w/tank trailer, emergency vehicle

Actual accident rate: .82 per million vehicle miles of travel
Average statewide rate for similar facilities in same period: 1.62 per MVM

- Seasonal weather conditions-months likely to affect commercial truck operations

Route is subject to flash flooding/wind/high summer temperatures (over 100 degrees not uncommon)

- Proposed construction activities resulting in lane closures

None except cyclical maintenance

C. Special Operating Conditions

- Restriction of route for hazardous material

Questions on hazardous waste should be directed to CHP 916-327-3310

- Time of day or week restrictions on hazardous material shipments

Questions on hazardous waste should be directed to CHP 916-327-3310

- Dates of special events which would cause significant traffic congestion

Death Valley 49er's Annual Encampment – second week in November

Thanksgiving and President's Day brings thousands of people to the Dumont Dunes area for organized sand drags and hill climbs.

Recreational peaks in spring and fall

- Tourist and special commuter conditions

This route experiences closures for special events, such as the "Baker to Las Vegas" Run, and periods of high tourist traffic during seasonal peaks.

Desert route is subject to flash flooding, wind and extreme summer temperatures. After a recent September storm, several areas had to be cleared of a large amount of debris washed onto the roadway. Road closures are common about every two years. Two dry river crossings have a gauge for drivers to see how much water is covering the roadway during/after storm events.

STATE ROUTE 127 SAN BERNARDINO COUNTY

General Route Information

- Total route length in District 8 is 41.5 miles.
- Segment 1: PM L0.00/0.64 Baker, Jct. Rte 15 to School Road
- Segment 2: PM0.64/41.47 School Road to San Bernardino/Inyo County Line
- Route provides link between California and Nevada.
- Major access road to Death Valley National Park.
- Interregional and recreational travel are primary uses.
- 2-lane undivided conventional highway
- No access control
- Rural Minor Arterial
- Primary System
- Part of Interregional Road System
- Part of Freeway and Expressway System
- Eligible as State Scenic Highway but not designated
- Part of California State Highways Truck Network and designated as Terminal access Route
- Not included in the Subsystem of Highways for the movement of Extra-Legal Permit Loads (SHELL) system; nor AB 866 or Federal Highway Administration designate this route suitable for larger trucks.
- No parallel routes
- No passing lanes
- No right/left turn lanes
- No HOV lanes
- Rolling Terrain
- AHS: 60
- No Special Features
- Surface type-"H" AC base and surface (at least 3" thick ; there are exceptional areas with 12" thick AC)
- Outside Shoulder 8ft- untreated on each side of highway
- Inside Shoulder 0
- Right-of-way width: 40ft
- Sight restriction: 38%
- Traveled Way 24ft

Class 3 route (lowest priority) maintain only (keep route open and in safe operating condition).

- No capital or operating improvements planned through 2015

A. Roadway Conditions:

- Hwy Capacity Rating (Segment 1-Jct Rte 15 to School Rd) 1995: "C" 2015: "D"

(Segment 2-School Rd to SBd/Inyo Co Ln) 1995: "A"

2015 "B"

- Number of travel lanes 2
- Width of travel lanes 12 to 14ft (mostly 12ft)
- Width of emergency parking lanes none
- Left and right turn lanes none
- Divided highway segments none
- General pavement conditions some pavement cracking-no shoulders-trucks can cause damage if they run on the edge of the pavement- District 9 performs maintenance on the route.
- Truck weight and size restrictions no weight restrictions-a high route-needs 1 pilot car for Loads over 10ft, 2 pilot cars for loads over 12ft
- Steep grades Route elevation rises at Ibx Pass (Inyo/San BDO Co Ln) to 2090 ft.

Grades: under 3%: 46%
3% to 6%: 42%
over 6%: 12%

- Sharp Curves Between postmiles 37.73 and 39.47, there is one 45mph curve and two 50 mph curves

B. Traffic and Safety Conditions

- Traffic Counts by vehicle classifications

1997 Annual Average AADT:

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