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WORLD WAR II-RELATED

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List of Abbreviations:

AAPT Association of American Paving Technologies
AASHO American Association of State Highway Officials
AISC American Institute of Steel Construction
APWA American Public Works Association
ARBA American Road Builders Association
ARWA American Right-of-Way Association
ASCE American Society of Civil Engineers
ASF Automobile Safety Foundation
BHIF Better Highways Information Foundation
BPR Bureau of Public Roads
CH & PW California Highways and Public Works
CHC California Highway Commission
CPUC California Public Utilities Commission
CTBA California Toll Bridge Authority
CSAA California State Automobile Association
DHE District Highway Engineer
DBTC Division of Bay Toll Crossings [formerly DSFBTC]
DSFBTC Division of San Francisco Bay Toll Crossings
DWR Division of Water Resources
FAS Federal Aid Secondary [Highway Program]
FHA Federal Highway Administrator
ITE Institute of Traffic Engineers
ITTE Institute of Transportation and Traffic Engineering
NAS National Academy of Sciences; Naval Air Station
NPA National Production Authority
NRC National Research Council
PCI Prestressed Concrete Institute
PVS Professional and Vocational Standards
PW Public Works
SP Southern Pacific [Railroad]
UOP University of the Pacific
WASHO Western Association of State Highway Officials

Alt. Alternate
Br. Bridge
Bus. Business
Fwy. Freeway
Hwy. Highway
Leg. Rt. Legislative Route
Pkwy. Parkway
RR Railroad
Rt. Route

Key
i.cvr. inner cover
C, BC Cover, Back Cover
highway names/numbers in brackets [denotes former route names/number]

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ACCIDENTS

Accident spots pinpointed on district map to identify troublesome spots.	J/A '65 p34
Accident which occurred in daytime on paved road.	Aug '38 p8
Car and truck accident on Bayshore Hwy. [US 101] near S.F.	S '37 p13
Construction accident; truck on its tailgate on small ledge of rock.	M/A '51 p49
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Highway first aid crews, group photo.	O '37 p14
Maintenance men illustrating first aid treatment for accident victim.	O '37 p4
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Hole in fence along I-10 (San Bernadino Fwy.), which led to pedestrian's death.	S/O '48 p37
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ARCHEOLOGY & PALEONTOLOGY

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Towle Powder Mill burrstones being assembled at Sutter's Ft.	S '37 p16
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Bridges By County

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Contra Costa Co.

Antioch Toll Br. (I-80) [US 40].	Jun '40 p3; Aug '40 p3;
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Carquinez Toll Br. (I-80) [US 40].	M/A '53 p31
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Ceremony officially opening bridge under state ownership.	M/A '57 p42
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Model of truss and towers for Carquinez parallel bridges.	J/A '55 p2
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Diver C.H. Wendell, who had near-fatal accident while working on bridge, and diver's tender who saved his life.	M/J '54 p60
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Gov. and Mrs. Knight with bronze plaque placed on granite stone at toll plaza 's Administration Building.	S/O '56 p12
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Coloma; bridge across S. Fork of American River; Wooden 1928 span.	J/F '53 p20
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Fresno; Tuolumne St., Stanislaus St. one-way bridges	S/O '58 p36
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George C. Cole Memorial Br. (Eel River at Meyers Flat) under construction.		J/F '62 p5
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George M. Leatherwood Memorial Br (S. Fork Eel River; Dyerville)		M/J '58 p40
Completed new span	N/D '59 p25, 33; J/F '60 p36, 43;	S/O '64 p18
Hoopa Rvr. Br. small truss before being washed away by flood waters.		S/O '57 p59
Temporary low-level bridge downstream from bridge site.		S/O '57 p59
Replacement bridge.		S/O '57 p60
Klamath River Br at Klamath, damaged by 1964 flood.		N/D '65 p57
Repair work underway		N/D '65 p57
Bridge shortly before reopening.		N/D '65 p58
Klamath Rvr. Br. at Martins Ferry, built as a flood repair project.		N/D '61 p41
Klamath River Br. at Weitchpec.		M/A '49 p37
Mad River N. Fork, Rt. 299; logging truck crossing suspension bridge.		M/J '47 p27
Martins Ferry Br. between US 101 and Klamath Rvr. towns, destroyed by flood.		J/F '65 p16
Narrow, posted bridge on Rt. 299 [Arcata-Redding Hwy.].		Jan '39 p4
Narrow one-way suspension bridge on Rt. 299 [Arcata-Redding Hwy.].		Jan '39 p4
North Scotia Br. at Rio Dell		
Old and new spans		Apr '41 p4
Crowd at dedication of new span.		Apr '41 p2
Partially destroyed by 1964 floods.		S/O '65 i.cvr
Restoration in progress.		S/O '65 i.cvr
Orleans Bridge (Klamath River, Rt. 96)		
Completed structure	Jun '41 C, p2+;	J/F '63 p28
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State Bridge Engineer F.W. Panhorst accepting AISC award		N '41 p22
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Destroyed by flood.		J/F '65 p16
Robinson Ferry Br. across Eel River; Old span, posted for load limit.		Apr '41 p3
Slyvandale Br across South Fork Eel River.		M/A '66 p19
S. Fork Eel River bridge at Smith's Point, built 1934.		S/O '50 p129
S. Scotia Br. under construction, 1916.		J/A '64 p28
S. Scotia parallel bridge over Eel River		M/A '61 p24+
Original S. Scotia Br under construction, 1916.		J/A '64 p28
Valley Creek bridge, US 101 (Redwood Hwy.).		Jan '39 p5
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Yager Creek timber truss bridge		Mar '37 p8
Yager Creek Br. with broken post.		Mar '38 p5

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Imperial Co.

Bridge near shore of Salton Sea. M/J '52 p12

Colorado River Br. (I-8) [US 80]

Old Yuma Br. and railroad bridge. M/A '56 p34

Under construction. M/A '56 p35

Arizona governor and Frank Durkee at dedication ceremony. J/A '56 p55

Highway approach from old bridge to new span. M/A '56 p35

Approach bridge to new Yuma structure. M/A '56 p35

Completed bridge J/A '56 p55; N/D '58 p35

I-40; 7-span bridge under construction, California--Arizona. N/D '65 p11

New River Br. on Rt. 86 [US 99], ribbon cutting ceremony. S/O '53 p47

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Caliente Creek Br. on Rt. 46 [US 466] east of Bakersfield. M/A '61 p36

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Granite Canyon Br., Rt. 155 [Rt. 142], scour damage to. J/A '45 p18

Kern Ave. Ped. Overcrossing on US 99 at McFarland. N/D '60 p63

Poso Creek Br. (Rt. 65). Jan '42 p24

Poso Creek Br. with salvaged railroad-rail railing. J/A '44 p10

Poso Creek Br., Rt. 99, scour damage to. J/A '45 p19

Red Rock Canyon main wash bridge under construction. M/A '60 p47+

Tehachapi Creek Br. under construction. N/D '48 p41

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Kings Co.; Kings River twin bridges on Rt. 198 near Lemoore NAS J/A '63 p46

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Completed Aliso St. separation project. J/A '48 p14

Arroyo Seco Br. (Pasadena), ribbon-cutting ceremony. N/D '53 p48

Arroyo Seco Channel Pedestrian Br. [first prestressed of type in state]

Under construction. M/A '51 p1+

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Arroyo Seco flood control channel, prestressed carrying beams. J/A '64 p7+

Arroyo Seco Pkwy. (Rt. 110)

Aerial view of Arroyo Seco Pkwy. showing 5 of 26 bridge structures. Jan '41 p6

Arroyo Dr. Br. over freeway in S. Pasadena. N '40 p14

Artist's drawing of typical planned bridges. D '37 p10+

Ave. 40 Br. over freeway and channel. N '40 p14

Ave. 43 Br. over freeway and channel. N '40 p14

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Los Angeles River Br. under construction. N/D '43 p4

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Arroyo Seco Pkwy. bridges crossing Los Angeles Rvr. J/F '55 p16

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Orange Grove Ave. under construction. Jun '39 p11

Big Tujunga Wash, concrete bridge over the south overflow channel. F '38 p10

Jacking superstructure back to grade, Big Tujunga Wash. J/A '45 p18

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Garcia River Br. with timber trusses and approaches replaced by steel truss span.	S '39 p2

Gualala River Br., Rt. 1

Reinforced concrete box girder bridge.	M/A '59 p18
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Original bridge near Gualala, 1894	M/A '59 p19
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Ten Mile River Br. north of Ft. Bragg.	N/D '54 p22
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Modoc Co.; Ash Creek Br., deterioration on (Rt. 299). M/A '46 p23

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Big Creek Br. (Rt. 1) [Carmel-San Simeon Hwy.], Under construction.	Jul '38 p24+;	May '39 p8+;
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Bixby Creek Arch Br (Rt. 1)	O '37 p4;	J/A '60 p55
Burns Creek Br.		Jul '37 p5
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King City Br. (Salinas River)		
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Close up of King City Br.		J/F '57 p28
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Salinas River Br. on U.S. 101 near Soledad.		
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Vicente Creek Br. (Rt. 1.) before/after reinforced concrete footings		N/D '45 p13
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Blind vertical curve to narrow bridge on Placer Co. highway. Aug '38 p3
 Narrow, obsolete type subway near Roseville on Rt. 65 [US 99E] Aug '38 p3

North Fork American River Br.

Original structure built 1865 J/F '53 p18
 Wire cable bridge at same location, 1928. M/A '48 p37
 Suspension bridge which replaced it in 1929 M/J '44 12; J/F '53 p18
 Cable bridge at same location ca. 1930. M/A '48 p13
 Replacing bridge tower M/J '44 p13
 Third structure under construction, 1948. J/F '53 p18
 Completed bridge, opened Feb. 14, 1948. M/A '48 p13
 N. Fork American Rvr. near Foresthill, new FAS bridge N/D '55 p20+
 Steel truss bridge which served the Foresthill area between 1911-1955. N/D '55 p20
 Obsolete one-way suspension bridge on Rt. 49. Aug '38 p1
 Steep approach on curve to railroad grade crossing. Aug '38 p2
 Steel and reinforced concrete bridge under construction (I-80) [US 40]. May '39 p19

Plumas Co.

Bridge near Blairsden, can be knocked down if hit by truck. Mar '37 p9
 Indian Creek Br. near Keddie which received award for its appearance. N/D '55 p19
 Pulga steel arch bridge on Rt. 70, railroad bridge far below. J/A '45 p7
 Quincy; timber bridge with new concrete bearing clocks on truss members (Rt. 70). M/J '44 p15
 Tobin; highway bridge underneath Western Pacific bridge (Rt. 70). Aug '37 p5
 Wolf Creek; highway bridge on Rt. 89 [Rt. 83] near Greenville. Mar '39 p15

Riverside Co.

Colorado River Br near Blythe carrying I-10 [US 60-70]. M/J '59 p5
 Crestmore Br. across Santa Ana Rvr. at Riverside. J/A '58 p33
 Channel constructed for Santa Ana Rvr., and Crestmore Br. at Riverside. J/A '58 p34
 Horsethief Creek Br. replaces old bridge damaged in 1938 flood. O '41 p13
 San Gorgonio Wash Br., sacked concrete riprap being placed at ends of. May '41 p12
 Smoky Gulch bridge nearly completed and ready for guard rail installation. J/A '50 p26
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 Special sections constructed for Smoky Gulch Br. J/A '50 p27
 Whitewater River bridges between Garnet and Thousand Palms on Rt. 86 [US 99]. J/A '54 p57

Sacramento Co.

American River Br. at Sacramento under construction, interesting texture on piers. N/D '66 p25
 Bear Slough; existing bridge and construction on new bridge adjacent. M/A '47 p7
 Cosumnes River FAS-funded bridge near Sloughhouse. N/D '64 p55
 Superstructure under construction at Dillard Rd. M/A '65 p77
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 Fort Sutter viaduct under construction (29th-30th Streets). N/D '64 p52
 Underside of Ft Sutter Viaduct. N/D '66 p24
 Retaining wall with exposed aggregate panels. N/D '66 p25
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Award from ASCE naming bridge one of “7 Civil Engineering Wonders of the U.S.”	M/A ‘58 p23:
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Bridge day before opening, Nov. 12, 1936.	S/O ‘50 p83
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Construction, 1930s	
Expert divers used in laying foundation for bridge caissons.	N/D ‘56 p55
View from east portal of cantilever section of Bay Br.	N/D ‘56 p58
Night view during spinning of gigantic cables for the suspension section.	N/D ‘56 p59
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Tow truck equipped with radio cabinet mounted on running board.	J/A ‘47 p19
Dispatch operator manning radio.	J/A ‘47 p26
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Lower deck lighting on viaduct section of East Bay spans.	M/A ‘64 p51
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Main tower scaffold.	J/A '61 p9
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Pajaro River Br at Watsonville, 1915	S/O '50 p121
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Antler Br. under construction (Sacramento River, I-5) [US 99].	Jan '41 p19
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Bridge between Deschutes Rd. and Rt. 44.	J/A '66 p38
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New Dog Creek Br. with approaches under construction.	J/F '57 p24
Clough Cr. one-way bridge on old highway (Rt. 44).	M/J '65 p20
Lake Britton Br. on Forest Rt. 77	May '40 p25
Oak Run Creek, Rt. 44; old 4-span timber bridge that had to be replaced.	M/A '44 p19
Single span steel railroad bridge that replaced it.	M/A '44 p19
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- Pier construction. M/J '60 p35
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- Prestressed precast pile being placed. J/A '63 p5
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- Completed Tower 11 footings and struts. J/A '63 p9
- Putah Creek. companion bridges under construction (Dixon--Davis, I-80) [US 40]. F '41 p25
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EROSION CONTROL--See also EQUIPMENT, Erosion-related

Bank Protection

Bank protected by sand bar formed downstream from steel tetrahedron jetty on Santa Clara Rvr., Ventura Co. Jul '39 p7

Bar formed below tetrahedron jetty. Aug '38 p11

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Concrete crib members being made at camp between Junction City and Helena. Mar '41 p11

Concrete riprap bank protection (US 50)

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Type B stabilization treatment ready for ground cover planting.	M/J '50 p36
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Straw as erosion control

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Punching straw with sheepsfoot roller cabled between two tractors.	J/A '44 p8
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Water erosion, various protective services against.

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Wind erosion affects both the sandy cut slope and the traveled way.	M/A '50 p34
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Sandy slope completely stabilized with cut brush and European beach grass.	M/A '50 p35
European beach grass interplanted with Italian Ryegrass controls wind erosion on sandy slope.	M/A '50 p35

EVENTS

AASHO annual meetings

32nd annual

L.A. Mayor Fletcher Bowron welcoming delegates.	Jan '47 p2
Retiring president M. J. Hoffman and Thomas H. MacDonald (CHC).	Jan '47 p3
Director of PW C.H. Purcell extending greetings from Gov. Warren.	Jan '47 p4
Newly elected officers of AASHO, 1946.	Jan '47 p14
Retiring president Hoffman presenting gavel to his successor.	Jan '47 p15
Business session of AASHO meeting.	Jan '47 p17
Engineer Geo. T. McCoy presenting M. J. Hoffman with gold watch.	Jan '47 p23
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Radio communication exhibit room, California Division of Hwys.	Jan '47 p21
Fred F. Grumm using equipment at radio communication headquarters.	Jan '47 p30
AASHO Women's Committee and Entertainment Committee, 1946.	Jan '47 p15
Delegates at 32nd annual meeting of AASHO.	Jan '47 C, BC
Retiring president Carl W. Brown presenting award of merit to Fred J. Grumm.	N/D '49 p45
44th annual; T.F. Bagshaw welcoming delegates.	J/F '59 p20
Delegates touring newly opened Carquinez Br.; Opening session.	J/F '59 p20
California State Fair promotions.	Aug '40 p25; Aug '41 p21; J/A '47 p17; J/A '49 p35; J/A '50 p25; J/A '51 p28; J/A '52 p52; J/A '53 p25; J/A '54 p35; J/A '55 p43; J/A '56 p69; J/A '57 p39

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Festival of Arts (Laguna Beach)

Irvine Bowl open air theater at Laguna Beach during Pageant of Masters.	S/O '52 p8
Live models pose for reproductions of Da Vinci's "The Last Supper"	S/O '52 p9
Artists pose for "Shepherds of Arcadia," by Nicolas Poussin.	S/O '52 p9
Models faithfully bring to life "Marcellus and the Princess by Dean Cornwell.	S/O '52 p10
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Gem and Mineral Show, exhibits at.	N/D '53 P43
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Autos waiting for the gates to open early on first day of exposition.	Jun '41 p21
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Approaching fair buildings from state-built ramp approach.	Jun '40 p21
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Grand National Livestock Expo (Cow Palace, S.F.)	
Coraleen Jurian, former queen of Grand National Livestock Expo, pointing to remodeled "Cow Palace" lettering.	S/O '53 p37
Cowboy star Rex Allen and his horse Koko.	S/O '54 p42
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Group of Royal Canadian Mounted Police.	J/A '52 p49
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Deputy Director of PW Edward J. Neron at Speakers Table.	Apr '37 p25
ITTE 17th annual Streets and Highways Conference participants.	M/A '65 p54
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Aerial view of 450-acre exposition park.	J/A '56 p38
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Luncheon-meeting, 1962.	M/J '62 i.cvr.
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Newly elected 1956-57 Executive Board of Redwood Empire Assoc.	N/D '56 p21
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By County

Alameda Co.

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Napa Co.

First St. Interchange under construction in Napa on Rt. 29		M/J '64 p35
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Orange Co.

Newport Overhead

East and west ramps and Rt.. 1 [Coast Hwy.] passing under viaduct.		Jan '37 p7
Official party at dedication.		Jan '37 p7
Gov. Merriam cutting wire which held closed old gate barrier.		Jan '37 p7
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Nicolas Ave. Underpass, Fullerton. S/O '60 p19		
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 Hallbom Rd. Undercrossing under construction (I-80, Newcastle). S/O '56 p42

Roseville Underpass

Jerrold L. Seawell at ground-breaking ceremonies. N/D '48 p24
 Charles C. Lee spades first earth as official group looks on. N/D '48 p26
 Roseville underpass, which carries traffic under railroad tracks to and from I-80 [US 40] and Rt. 65 [US 99E]. M/A '50 p1
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Plumas Co.

Grade crossing on Rt. 89 [Rt. 83] near Greenville before improvement. Mar '38 p15
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Portola Overhead

Traffic delayed by train at grade crossing. N/D '53 p13
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 Assemblywoman Pauline Davis and official party at ribbon-cutting ceremony. S/O '54 p26

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Box Springs grade separation overhead near Beaumont. Aug '37 p17
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 Underpass beneath railroad on Palm Springs realignment. Mar '40 p11
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12th St. underpass, Sacramento,
 Widening about halfway completed. M/J '49 p22
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San Bernardino Co.

8th St. Underpass, Colton

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 Completed 8th St. Underpass at I-10 [US 99] junction. J/A '56 p27
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Colton interchange joining San Bernadino Fwy. and Riverside Fwy.	N/D '58 14
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San Diego Co.

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San Francisco Co.

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RIGHT-OF-WAY

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ROAD CONSTRUCTION

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Congressman Jeffrey Cohelan with map of highway construction throughout state.	S/O '60 p11
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Paving operations in Tehama Co. ca. 1915-16, with horse drawn water-wagon used to supply concrete mixer.	J/A '50 p15
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Commissioners R.C. Irvine and F.L. Maude of first Bureau of Hwys. mapping out a state highway system in horse-drawn buckboard, 1896.	S/O '50 p71
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Picture with title "We love our country/Be it ever so humble/There's no place like home" used in early bond issue campaign.	S/O '50 p77
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Orange Belt Scenic Hwy. near Lindsay, void of roadside development.	M/A '45 p18
Ventura Co.	
Outer highway in front of Wagon Wheel Restaurant and Motel.	J/A '49 p16
Motel and vicinity in 1946 before construction of outer highway.	J/A '49 p16
Motel, showing boulevard stop for cars entering freeway from outer highway.	J/A '49 p17
Motel units which were moved back to make room for outer highway construction.	J/A '49 p17
Photo taken in 1946 showing future site of Wagon Wheel improvements.	J/A '49 p51
Motel entrance in 1947 just prior to construction of freeway and outer highway.	J/A '49 p51
Camarillo; aerial view of freeway and old highway through center of town.	S/O '55 p17
Traffic through business district on old highway before freeway.	S/O '55 p18
Business street after freeway.	S/O '55 p18
Business district along old highway route showing many commercial structures built after freeway route was adopted.	S/O '55 p23

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ROADSIDE BUSINESS & BYPASSES, Continued

Vineyard adjacent to north right-of-way line, and area used for private hauling road.	S/O '48 p21
Private hauling road adjacent to right-of-way line.	S/O '48 p22
Farm machinery business on highway frontage.	J/F '49 p37
Yolo Co.; West Sacramento Fwy (I-80)	
Aerial view of W. Sacramento before completion of freeway facilities.	J/A '57 p54
Same location after, showing commercial development along superseded highway.	J/A '57 p54
Motels constructed since completion of freeway bypass.	J/A '57 p54

ROUTES

Alameda Co.

Alameda access road to San Leandro Naval Hospital in Oakland.	N/D '44 p2
Bancroft Ave. Pkwy., Oakland.	M/A '58 p38; J/A '60 p52

Channelized intersections, Oakland

Broadway and Patton St. intersection before and after channelization.	F '40 p13
Channelization islands at intersection entrance to Landvale Rd.	Mar '39 p21
Channelization at San Pablo Ave. and West St.	S/O '57 p54
Channelization at West St. and Grove St.	S/O '57 p55
Divisional islands at Rt. 24/Rt. 13 [Rt. 75/Rt. 206] intersection near Broadway Tunnel.	Mar '39 p20
East 18th St. and Lakeshore Ave. along shore of Lake Merritt.	F '40 p12; Mar '40 p17
Gilman St. channelization with left turn lanes.	M/J '45 p24+
Gilman St. with flare on right lanes, raised bar division strip, and widening of center island to provide left turn lane.	M/J '45 p25
Grand Ave. and Harrison St. intersection, first marked with painted line then channelized.	F '40 p13
Crow Canyon Rd. after reconstruction.	J/F '53 p51
El Embarcadero between Grand Ave. and Lakeshore Ave., a wide, high traffic count street transformed into 2 lanes separated by a small park.	F '40 p12
Foothill Blvd.; 3 1/2 mile stretch of 4-lane divided highway.	O '39 p8
Franklin Canyon Rd.; circuitous routing with blind curves.	S '38 p1
Guests at luncheon given by Alameda Co. delegation.	S/O '56 p44
I-80 [US 40]-- <i>See also LANDSCAPE & LANDSCAPE MAINTENANCE</i>	
Section near El Cerrito Overhead.	M/A '46 p11
Section looking north from University Ave. to El Cerrito Overhead.	M/A '57 p11
Section looking south to East Bay distribution structure.	M/A '57 p11
Section looking south toward downtown Oakland.	M/A '59 p13

I-580 [Rt. 5; US 50; I-5W]

Altamont Pass

Altamont Pass ca. 1912, before improvement.	J/A '52 p44
Altamont Pass Highway under construction.	O '37 p19
Group at Altamont Pass ground-breaking ceremonies.	Aug '37 p20
Traffic delays on old highway.	O '37 p19
View on new Altamont Pass realignment.	S '38 p4
Wide parking areas provided on realigned Altamont Pass Hwy.	S '38 p5
Altamont realignment, showing direct route straight through hills compared with circuitous course and many curves of old road.	S '38 p6
Raised division strip with six inch curb and signed opening .	S '38 p7
Gov. Merriam burning rawhide riata barrier held by Livermore cowgirls.	S '38 p8
Section of Altamont Pass.	Jul '39 p10
Altamont Pass Rd. before it was modernized with gas tax funds.	S/O '50 p132
Altamont Pass after modernization.	S/O '50 p132

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ROUTES Alameda Co., Continued

Altamont Pass-Tracy Expressway

Midway Rd. fill showing heavy equipment. M/A '53 p27
 Mountain House Underpass off-ramp construction using rock crusher. M/A '53 p27
 Section at Mountain House interchange looking east. N/D '54 p38
 Altamont-Tracy Expressway crossing of Delta-Mendota Canal. M/A '55 p11

Boehmer Hill-Castro Valley unit

Newly constructed eastbound lanes at easterly end of project. J/A '57 p15
 New westbound lanes near Eden Canyon interchange. J/A '57 p15
 Easterly end of project showing ramps to Castro Valley Bypass. J/A '57 p17
 View of improved section from Pergola Hill looking westerly. J/A '57 p17
 Castro Valley Bypass under construction near Redwood Ave. overcrossing. N/D '53 p22+
 Construction near Strobridge Ave. undercrossing. N/D '53 p23
 Construction in Castro Valley for Castro Valley Bypass. M/A '54 p14
 Completed Castro Valley Bypass looking east toward Dublin Canyon. S/O '54 p5
 Livermore; completed section with relocated county road on left. N/D '50 p8
 Typical traffic congestion on old road before improvement. N/D '50 p9
 Section where old road was developed as eastbound lane. N/D '50 p9
 Realignment one mile west of I-680 [Rt. 21] and Dublin. J/A '52 p37+

MacArthur Fwy.) [Rt. 5; US 50; I-5W]

I-580 [Rt. 5] through Oakland, modernized with gas tax funds. Jun '39 p14
 Looking westerly across Oakland residential area showing right-of-way clearance for proposed MacArthur Fwy. M/A '60 p9, 48
 MacArthur Fwy. under construction, looking east from San Pablo Ave. M/J '61 p5
 Crossing structure will carry local traffic over MacArthur Fwy. N/D '61 p17
 MacArthur Fwy. between Park Blvd. and Buell St. in Oakland. M/J '64 p27
 MacArthur Fwy. through San Leandro near Grant Ave. N/D '64 p65
 Gov. Edmund Brown on inspection tour of construction. N/D '65 p6
 Trees and mature landscaping along MacArthur Fwy. M/A '66 p14
 Aerial view of construction near interchange with Rt. 13. M/A '66 p14
 Cleared right-of-way through Oakland for MacArthur Fwy., 1960. M/A '66 p15
 Retaining wall with aesthetic treatment on I-580. N/D '66 p22

I-680 freeway [Rt. 21] south of Scotts Corner.

Section of I-680 between Rt. 238 (Fremont) and Rt. 84. N/D '64 p7
 M/J '64 p47

I-880 (Nimitz Fwy.) [Eastshore Fwy., US 40; Rt. 17]

Section between Richmond and Bay Bridge. J/F '46 p35
 Aerial view, looking north. M/J '49 p9
 Looking south from temporary connection to Oakland city street system at Fallon St. M/J '49 p10

Completed section opened to traffic on July 22, 1949.

Charles H. Purcell cuts barrier as official group looks on. J/A '49 p40
 Antique vehicles take part in "Parade of Transportation." J/A '49 p41
 Crowd gathers near 23rd. Ave. overpass at dedication. J/A '49 p41

Near Davis St., San Leandro, showing built up subdivisions on each side of freeway right-of-way.

Completed section just north of 98th Ave., Oakland. M/A '50 p10
 M/A '50 p11
 Section near Hegenberger grade separation. J/F '50 p19
 Section near High St. separation (under construction). J/F '50 p20
 Section near 42nd. Ave. interchange, High St. separation in foreground. J/F '50 p20
 Motorcycle escort leading parade of official cars after dedication of 23rd. Ave.-98th Ave. unit in Oakland. J/A '50 p23
 J/A '50 p23
 C.H. Purcell and Thos. E. Caldecott cut ribbon at dedication. J/A '50 p23
 Oakland section showing 19th, 23rd., and 29th. Ave overcrossings. S/O '50 p111

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ROUTES Alameda Co., Continued

R.M. Gillis severs ribbon near Lewelling Blvd., San Lorenzo.	J/A '52 p42
Official party at ribbon cutting ceremony near 98th Ave. separation.	J/A '52 p42
Washington Ave. interchange unit (San Lorenzo).	J/A '52 p50; J/A '53 p42; M/A '54 p13
Construction at Trimble Rd. overcrossing between [Rt. 68] and Warm Springs.	J/F '53 P7
Construction at Shallenberger-Brokaw Rd.	J/F '53 P8
Winterbauer pit located 2.5 miles east of job.	J/F '53 P9
San Leandro section of freeway seen from air.	J/A '53 p43
Oakland unit in vicinity of 29th Ave.	M/A '54 p11
At connection to Bayshore Hwy. (US 101-By.)	M/A '54 p13
Trimble Rd. interchange unit and Ford plant at Milpitas.	M/A '54 p15
Section from 11th/Cypress St. to Market St. in Oakland.	M/J '55 p36; M/A '55 p9
Construction underway along Cypress St.	M/J '55 p36; M/A '57 p10
First completed unit of Eastshore Fwy. north of Distribution Structure.	M/A '55 p8
Construction between University Ave. interchange and El Cerrito Overhead.	M/A '55 p8
Construction on Rt. 238 [Rt. 228] connections between I-880 at San Lorenzo and Castro Valley; [Rt. 228] connection at Washington Ave.. interchange.	M/A '55 p10
Section from East 14th St. Interchange.; From University Ave. north.	M/A '56 p11
Oakland; Completed portion from Market to 10th.; Section at Jones Ave.	M/A '56 p12
Construction between Beard Rd. and Jackson St. in Hayward.	M/A '57 p9
Official party at ribbon-cutting dedicating Jackson St. unit.	J/F '58 p58
Looking north from the Alverado-Niles Rd. interchange.	M/A '58 p4
Eastshore Fwy. looking north from Warm Springs.	M/A '58 p15
Fallon-Market St. unit.	M/A '59 p13
Landscaping on section in Oakland.	N/D '60 i.cvr.
Mountain Blvd. freeway, completed portion of at Park Blvd interchange.	M/A '57 p13
Niles Canyon	
Narrow roadway with blind curves over railroad tunnel.	S '38 p1
Niles Canyon, showing channel change and new highway.	N '40 p8
Detail of boulder facings set in Portland cement for slope protection.	N '40 p10
Park Blvd. improvement at intersection with Leimert Ave. (Oakland).	J/A '55 p19
Aerial view of Park Blvd from Excelsior Blvd. to Estates Dr.	J/A '55 p20
Rt. 24 near Gateway Blvd. widened to eight lanes.	M/J '65 p24
Rt. 84 [Rt. 107]	
Impediment to smooth flow of traffic near Sunol.	F '38 p12
Completed highway directly west of Sunol, looking toward Niles Canyon.	Jan '42 p11
Santa Rita Rd. [FAS 1019] in Pleasanton, reconstructed portion of.	S/O '59 p48
Warren Blvd. section between Redwood Rd. and Lincoln Ave., Oakland.	M/A '60 p27
Warren Blvd. Fwy. (Rt. .13) [Rt. 24] at Moraga Ave. Interchange.	M/J '64 p29

Alpine Co.

Rt. 88; Carson Pass Hwy.

Pioneer route over Kit Carson Pass.	S/O '50 p51
Carson Pass Hwy. ca. 1950.	S/O '50 p51
Realigned section of Rt. 88 at Woodfords.	S/O '64 p2
Summit of Kit Carson Pass.	S/O '64 p9
Logging trucks on improved section of Rt. 88.	S/O '64 p11
Red Lake-W. Fork Carson River unit	
Sections under construction looking westerly toward Red Lake.	S/O '57 p35
East end of project; Looking northeasterly near Blue Lake Rd.	S/O '57 p36

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ROUTES Alpine Co., Continued

Rt. 89 Ebbetts Pass Hwy.-US 395 junction (Mono Co.) FAS project	
Looking west up Slinkard Canyon before blasting; after shooting boulders.	N/D '50 p28
Bulldozer moving rock after shooting.	N/D '50 p28
Looking west before construction with dotted line indicating route.	N/D '50 p29
After construction.	N/D '50 p29
Wanda Durkee (Mrs. Frank B.) snips ceremonial ribbon.	S/O '54 p23
Scene at dedication; Alpine Co. Supervisor H.B. Burns at dedication.	S/O '54 p23
Section of new road.	S/O '54 p24
Typical damage due to heavy spring runoff.	M/J '57 p33

Amador Co.

Rt. 16; Jackson Hwy. [Plymouth Rd.]

Jackson unit dedication

Homer P. Brown (CHC) addressing celebrants at Jackson.	S/O '48 p3
Official group at ribbon cutting ceremony for new Jackson Hwy.	S/O '48 p3
Congested route through Jackson before new highway was built.	S/O '48 p4
Old entrance to Jackson; new alignment.	S/O '48 p4
State Hwy. Engineer George T. McCoy at Jackson celebration.	S/O '48 p5
Jackson highway near new bridge at Rt. 88/Rt. 49 junction.	S/O '48 p5
Sloughhouse unit	
Existing narrow bridge approach to Sloughhouse.	S/O '48 p34
Grading cut on new alignment.	S/O '48 p34
Heavy equipment used in grading for Sacramento-Jackson Hwy.	S/O '48 p35
Unpaved section of Plymouth Rd. near Sloughhouse, ca. early 1900s.	M/J '64 i.cvr.
Same section with 15' portland cement concrete roadbed.	M/J '64 i.cvr.
Same section of pavement, 1964; Realigned portion of road, 1964.	M/J '64 i.cvr.

Rt. 49 (Mother Lode Hwy.) in Jackson. S/O '45 p5

Rt. 88; Carson Pass Hwy.

Construction between Jackson and Pine Grove.	J/A '54 p36
Grading between Amador Co. line and two miles easterly.	J/A '54 p36
Construction underway near Jackson.	J/A '58 p21
Unpaved section between Ione and Martell.	M/J '59 p38
Martell Junction approaching Rt. 88/Rt. 49 split.	J/A '59 p47+
Rt. 88 looking toward Jackson.	J/A '59 p48; S/O '64 p10
Widened section at Carson Spur.	J/F '61 p11
Highway around Carson Spur before construction.	J/F '61 p12
Widened section at Carson Spur near Mosquito Lake.	J/F '61 p12
Sign warning motorists of road construction ahead on Rt. 88.	S/O '64 p2
Panther Meadow east of Hams Station.	S/O '64 p3
Junction of Rt. 88 and Climax Rd.	S/O '64 p4
Logging truck on curving section of Rt. 88.	S/O '64 p6
Close-up views of heavily laden logging trucks on improved section.	J/F '44 p9
Power shovel loading granite rock on dump trucks after blasting operations near Silver Lake; Portable "hot plant" near Silver Lake.	S/O '64 p7
Asphalt spreader and bottom-dump truck in operation between Peddler Hill and Tragedy Springs.	S/O '64 p8
Prize-winning section of Rt. 88 as it passes Silver Lake.	M/A '66 p28+
Scenic section of Rt. 88.	M/A '66 p32

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ROUTES, Continued

Butte Co.

Chico Esplanade

Early day photo of Chico Esplanade. M/J '49 p11
 View of Esplanade at Memorial Way. M/J '49 p12
 Outer highway of Esplanade between 2nd. and 3rd. Ave. M/J '49 p12
 Traffic movement at the junction of 4th Ave. with the Esplanade. M/J '49 p13
 Parking along the outer highway. [US 99E] M/J '49p13
 Chico Esplanade near Memorial Way after widening. J/F '60 p53
 Chico, Main St.; one-way couplet which takes Rt. 99 traffic through the city. J/A '59 p26

Chico-Paradise Skyway [FAS Rt. 757] dedication

Deputy Director of PW Frank Durkee, Butte Co. Supervisors
 Frank L Patty and John N. Bille at ribbon cutting ceremony. N/D '50 p14
 Completed section of Chico-Paradise Skyway. N/D '50 p15
 View of Skyway showing sheer walls of lava cap. N/D '50 p15
 Easterly view showing right-of-way constructed between railroad
 embankment and edge of bluff. N/D '50 p16
 Typical construction difficulties encountered during project. N/D '50 p16
 Oroville Bypass at junction with Rt. 70 and Oroville-Richvale highway. J/F '56 p50+
 Rt. 32; improved section between Chico and Hog Springs. J/A '58 p7
 Improved section of improved Rt. 32 east of Chico. J/A '58 p8
 Official party at ribbon-cutting opening improved section of Rt. 32. M/A '58 p45

Rt. 70; Feather River Hwy. [US 40-Alt.; Leg. Rt. 24]

Crowd of celebrants gathered at portal of Grizzly Dome to participate
 in dedication of Feather River highway. Aug '37 p7
 Gov. Merriam, Director of PW Earl Lee Kelly, and Chief Winnemucca. Aug '37 p7
 Feather River Hwy. soon after completion. May '38 p15
 Arch Rock. M/J '50 p45
 Aerial photograph showing proposed relocation of Feather River Hwy. J/A '53 p32
 Near future intersection of relocated Rt. 70 and Pentz-Cherokee Rd. S/O '57 p27
 Cleared area for new roadway east of the W. Branch of Feather Rvr. S/O '57 p28
 Cut and fill operation in vicinity of Yankee Hill Rd. S/O '57 p28+
 Project manager, District Construction Engineer, and Resident Engineer
 viewing plans of project. S/O '57 p28
 New alignment near Flag Canyon Br. site. S/O '57 p29
 New alignment at intersection with Clark Rd. S/O '57 p29
 Wicks Corner-Jarbo Gap relocation. J/A '58 p7
 Large benched cut south of W. Branch Br. J/A '59 p29
 Heavy grading work on Rt. 70 [US 40-Alt.] relocation. J/A '59 p30
 Relocated freeway (Rt. 70) leading toward Jarbo Gap. M/J '64 p57, 60
 Relocated Rt. 70 [US 40-Alt.] near junction with Oroville Dam Blvd. M/J '64 p57
 Oroville-Wicks Corner section approaching Grand Ave. interchange. M/J '64 p58
 Relocated section near Rt. 191 turn-off. M/J '64 p58
 Narrow N. Fork Feather Rvr. Canyon, before being inundated by reservoir. M/J '64 p59
 Section of old Feather River Hwy., closed to traffic. M/J '64 p59
 Section near Garden Ave. interchange. M/J '64 p62
 Wicks Corner intersection; New alignment at Wicks Corner. M/J '64 p62
 Four-lane section northeast of W. Branch Br. M/J '64 p62
 Rt. 99 [US 99E] near Durham after resurfacing. J/F '45 p28
 Oroville Wye and Chico section after relocation. J/F '55 p39
 Ribbon cutting ceremony with official party at dedication. J/F '55 p40
 Section through Chico near Bidwell Park. N/D '66 p22

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ROUTES, Continued

Calaveras Co.

Rt. 26 [Rt. 5] access road

Equipment grading line change on new route over Mokelumne Hill. M/J '44 p10

Lumber trucks hauling heavy loads over steep grades and sharp turns
on old road east of Mokelumne Hill. M/J '44 p11

Big load of logs tops summit of McFadden Hill on new, wide highway. M/J '44 p11

View east of Flume House Hill. M/J '44 p11

Rt. 49 (Mother Lode Hwy.); obsolete road approaching Carson Hill. Mar '39 p11

Colusa Co.; I-5 [US 99W] section through Arbuckle near Hall St. overcrossing. J/A '58 p6

Contra Costa Co.

BART construction

Full-scale model of BART car; Laboratory car on test track. J/A '66 p36

Section of BART test track near Concord. J/A '66 p36

Attendant's seat for monitoring automatic control. J/A '66 p36

BART aerial transit line built near Walnut Creek as test track. J/A '66 p37

Byron Hwy. [county road] after improvements. N/D '53 p15

Crow Canyon Rd., summit cut on improved section of road. N/D '49 p22+

Cummings Skyway near interchange connecting it to I-80 [US 40]. S/O '61 p60

FAS highway and intersection near Martinez. N/D '54 p29

I-80 [US 40]

Carquinez Br. approaches

Excavation material from the "big cut" being placed in a fill. J/F '57 p38

Tandem hookup consisting of one tractor and one operator hauling
two scrapers ascending top of "big cut." J/F '57 p42

Tandem scrapers being loaded. J/F '57 p42

"Big cut" on section approaching Carquinez Br. M/A '57 p16

Work on "big cut" to the south of main bridge approach. J/A '57 p36

Roadwork on Vallejo side nearing completion. J/A '57 p36

Under construction near Crockett. M/A '58 p9

"Big cut" completed. J/F '59 p5

Approaches to Carquinez Br. through manmade "Big Cut" canyon. J/F '59 p58

Completed I-80 [US 40] through Richmond looking north. M/A '57 p16

Approaches at southern end of twin spans J/F '59 p8

Section looking south through "big cut" from Carquinez bridges. M/A '59 p1

Looking southward over Crockett Interchange from Carquinez Br. M/A '60 p18

Highway detour and bridge operations on Pinole. F '39 p21

Richmond section of freeway. J/F '64 p16

Rodeo; I-80 [US 40] prior to elimination of left turns. N/D '52 p24

San Pablo Dam Rd. at intersection with San Pablo Ave. showing clearance
underway for future freeway, 1954. J/F '64 p16

Section at Carlson Blvd. off-ramp during final phase of construction. J/A '60 p57

Section in Richmond near Carlson Ave. interchange. J/A '60 p61

Completed six-lane section in Richmond. N/D '60 p42; M/J '61 p33

Section of I-80 [US 40], former route of Don Pedro Fages ca. 1772. S/O '50 p13

Section near Oleum opened in Feb 1958. M/A '58 p7

Section near San Pablo Dam Rd. looking toward Richmond. M/A '58 p7

Traffic detoured around construction on El Cerrito Overhead. J/A '60 p58

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ROUTES, Continued

I-680 [Rt. 107]

Monument Blvd. near Walnut Creek Br., after widening.	M/J '65 p30
Section at S. Main St. Interchange in Walnut Creek.	M/A '60 p28; M/J '60 p28
Section near Danville showing proposed route of realignment.	M/J '61 p16
Section in Pleasant Hill between Monument Blvd. and Willow Pass Rd.	M/J '64 p31
Section between Walnut Creek and Danville.	M/J '65 p31
Taylor Blvd. at intersection with I-680 [Rt. 21].	S/O '61 p62
Mountain Blvd expressway under construction near La Salle Ave.	M/A '56 p10
Completed portion near Moraga-Thornhill intersection.	M/A '56 p10
Pleasant Hill Rd.	N/D '54 p28
Richmond access road projects	
I-80 [US 40]/Gilman St. intersection, showing island under construction.	N/D '44 p3
14th St., Richmond looking north from rear entrance to Shipyard No. 1.	N/D '44 p4
Richmond access road, looking north from El Cerrito Overhead.	N/D '44 p4

Rt. 4; [Arnold] Industrial Hwy. [Rt. 75]

Scenic view across Diablo Valley.	O '39 p20
Section between Willow Pass and Franklin Canyon.	O '39 p21
View looking westerly through deep cut near east end of Willow Pass.	O '39 p21
Pioneering cut on Willow Pass [Industrial] Hwy.	J/F '47 p19
Franklin Canyon, equipment working on new grade of relocated section.	N/D '43 p8
Excavating cut for new alignment; Dragline placing drainage pipe.	N/D '43 p9
Pt. Chicago Rd-Railroad Ave. unit , traffic congestion on.	M/A '51 p18
Curving approaches to narrow subway on existing highway.	M/A '51 p19
Aerial view of underpass with new highway in immediate foreground.	M/A '51 p19
Completion of surfacing in section of project.	M/A '51 p19
Connection to Port Chicago Rd. under construction.	M/A '51 p19
Dedication at Port Chicago end of freeway.	J/A '51 p19
Caravan going over new highway.	J/A '51 p19
New section of highway looking west.	J/A '51 p19
Joe Arnold cuts ribbon opening new section of Arnold Fwy.	J/A '51 p20

Pittsburg-Antioch unit

Paving operations in progress near SP spur track overcrossing.	N/D '52 p5,7
Aerial view of construction showing railroad spur overcrossing.	N/D '52 p6
View west from Camp Stoneman underpass.	N/D '52 p7
Intersection of California Ave. with existing Rt. 4 east of Pittsburg.	N/D '52 p7
Contractor's concrete batching plant.	N/D '52 p8
Easterly terminus of construction entering Antioch near A St.	N/D '52 p5,7
Rt. 17 [Rt. 69] under construction through Richmond near San Pablo Ave.	M/A '56 p13

Rt. 24 [Oakland-Walnut Creek arterial]

Caldecott Tunnel approaches

Grading in progress for additional lanes approaching tunnel.	M/J '61 p17
Construction on 8-lane freeway near east portal Caldecott Tunnel.	M/J '64 p32
Freeway widening underway approaching Caldecott Tunnel.	N/D '64 p13
Construction on Rt. 24 freeway section paralleling Mt. Diablo Blvd.	J/F '64 p16
Lafayette Bypass under construction near Pleasant Hill Rd. interchange.	M/A '57 p15
Dedication, official party at ribbon-cutting ceremony.	J/A '57 p21
Helicopter instead of traditional shears used to cut barrier tapes.	J/A '57 p22

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ROUTES Contra Costa Co., Continued

Orinda Junction section--See also <i>EROSION CONTROL</i>	N/D '43 p18
Orinda slide section of Rt. 24, rebuilt as 4-lane divided highway.	N/D '43 p19
Section over Charles Hill.	N/D '43 p19
Orinda, showing improvements made at Rt. 24 crossroads.	M/A '54 p17
Orinda Crossroads [formerly Bryant] in 1910.	N/D '54 p46
Orinda in 1953, prior to construction.	N/D '54 p48
Morning traffic back-up one mile east of Orinda signal.	N/D '54 p48
Afternoon traffic back-up near east portal of Broadway Tunnel.	N/D '54 p48
Rt. 24 at Orinda, where BART trains will run in median.	J/A '66 p37
Section north of Walnut Cr. near Geary Rd.	M/A '57 p14
Section near Oak Park Blvd. interchange.	M/A '57 p14
Section at Acalanes Valley Rd. interchange looking east toward Mt. Diablo.	M/A '60 p21
Section at Oak Park Blvd. Interchange, looking northerly.	M/A '60 p24
Walnut Creek Bypass under construction.	M/A '59 p52
Walnut Creek Bypass between Orinda and Lafayette.	M/J '60 p27
"Y" interchange in Walnut Creek.	M/J '60 p28
Wilbur Ave., an industrial highway east of Antioch.	J/A '59 p43
Ygnacio Valley Rd. Extension limited access expressway.	M/J '56 p69
Del Norte Co.	
US 101	
Blasting scene in forest to remove legion of stumps.	S/O '54 p40
Clearing through area of dense second-growth redwood forest.	S/O '54 p41
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Bakersfield

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I-5 [US 99]

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Poorly drained highway with stranded horse and buggy.	S/O '50 p93
Rt. 14 [US 6] , section through Red Rock Canyon.	May '41 p6
Dip in Rt. 14 through Red Rock Canyon replaced by fill and culvert.	May '41 p6
Completed section of improved road north of Mojave.	S/O '58 p10
Improved section at junction with Rt. 46 [US 466].	S/O '58 p11
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Red Rock Canyon section prior to improvement in 1929.	J/F '60 p73
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Rt. 41 [Cholame Lateral]; Cottonwood Pass, section of new, wide 2-lane highway.	S '41 p22+
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Keene-Tehachapi Hwy.	
Fill above main line of SP tracks under construction near Cable.	N/D '47 p1
Toe wall for support of riprap at channel change under construction.	N/D '47 p11
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Official group at Tehachapi ribbon cutting ceremony.	N/D '48 p39
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Relocation operations underway east of Bakersfield.	S/O '59 p55
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Improved section near Arvin Turnoff.	M/A '61 p35+
Reinforced concrete ditch-check series in operation; Subgrade trimmer.	M/A '61 p37
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Graded roadway nearly completed; Shovel purchased by county for project.	May '40 p9
Looking north over portion of Ducor Cut-off.	Jan '42 p24
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Jan '37 p3

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Jan '37 p3

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Jan '37 p3

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Jan '37 p3

Waldo Approach looking downgrade toward Richardson's Bay, and junction of new road with state highway at Waldo Point.

May '37 p5

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May '37 p5

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Jun '37 p3

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Jun '37 p3

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Jun '37 p3

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Nevada Co.

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Placer Co.

I-80 [US 40]

Auburn section--See also ROADSIDE BUSINESSES & BYPASSES

- Looking northeast from beginning of relocation through city. N/D '46 p8
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- Palm Springs-Rt. 86 [US 99] unit
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 - View at southeast end of project where road crosses Snow Creek. Mar '40 p11
- Palm Desert as seen from Rt. 111/Rt. 74 intersection looking eastward. M/J '59 p3
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- Aerial view of Sacramento showing future I-80, I-80-Rt. 99, and I-5 routes. S/O '64 p32
- Bus-80; North Sacramento Fwy. [US 40; Ben Ali-Roseville Fwy.]**
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- Colton-Redlands unit; improved section of highway near Colton. Aug '37 p15
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Pigeon Pass Rd. [Barton Rd.] from Benton Ave.

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 View of East Modesto Rd. showing bridge across Stanislaus Rvr. S/O '58 p30
 FAS Rt. 912 paralleling Rt. 99 near Empire, looking southeast. N/D '48 p19
 Maze Rd. between Modesto and Tracy, a boon to agriculturists. Jul '37 p17
 McHenry Ave. near Orangeburg intersection in Modesto before/after widening. M/J '60 p58+
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Rt. 99 [US 99]

Modesto-Salida divided highway

- Roadside trees preserved on separation strip north of Modesto. May '39 p6+
- Divisional island on new section of divided highway. May '39 p7
- Guard rail on new section near Modesto. May '39 p7
- 4-lane divided, and outer hwy. on left approaching Salida from south. N/D '47 p23
- Modesto-Keyes divided highway unit. O '41 p15
- Modesto-Ceres Bypass crossing over 9th St. [old US 99] and 7th St. S/O '65 p6
- Freeway at North St. near Ceres Park; Freeway at Crows Landing Rd. S/O '65 p7
- Traffic congestion on 9th St. [old US 99] through Modesto. S/O '65 p8
- Detour during freeway construction. S/O '65 p8
- Resurfacing 9th St. [old US 99] in Modesto. S/O '65 p9
- Aerial view of new Modesto-Ceres Fwy. S/O '65 p9
- Turlock; concrete pavement section south of. J/A '52 p51
- Typical mid-valley section of Rt. 99 expressway near Turlock. S/O '54 p2
- Rt. 120 at Jones Curve east of Oakdale, after relocation. J/A '58 p20

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- Drescher Blvd. between Rt. 70 [Rt. 24] and Nicolaus, after improvement. J/A '59 p53
- El Centro Blvd. [FAS Rt. 926.], before/after views of. M/A '50 p49
- Live Oak; 15th St., after improvement. J/A '60 p50
- Rt. 20 [Rt. 15]; Tahoe-Ukiah lateral realignment. Jan '38 p13
- Official group at dedication of Sutter Bypass link of Tahoe-Ukiah Hwy. Jan '38 p13
- Rt. 70-99 after widening and installation of left-turn lane. S/O '65 p18

Tehama

- I-5 [US 99]; relocated section north of Red Bluff. Mar '41 p17
- One of sharp curves eliminated by relocation of section north of Red Bluff. O '40 p16
- I-5 between Red Bluff and Shasta Co. line. N/D '64 p17
- Narrow oiled earth road. Jul '38 p3
- Rt. 36; Official party at "log sawing" ceremony. N/D '57 p53
- Four-lane section just south of Lassen Volcanic National Park. N/D '59 p16
- 2-lane highway on Rt. 36, 31 miles west of Red Bluff. N/D '59 p18

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- 14-ft. roadway with many hairpin turns on grade. Jul '38 p3
- Rt. 3 [Rt. 82, FAS Rt. 1089], unimproved section south of Carrville. M/A '60 p63
- Rt. 299W [Rt. 20; Trinity Lateral]
- Dirt roads on route, ca .1938. F '38 p14
- Sayler-Burnt Ranch section; grading operations. J/A '47 p15
- Grading operations on rocky section east of Cedar Flat. J/A '47 p15
- Nearly completed section across Gray's Bluff. J/A '47 p15
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- Trinity Lateral. M/J '50 p45
- Weaverville-Douglas City portion, heavy grading for relocation. M/J '57 p59
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- Construction on Rt. 299. M/A '58 p9
- Improved section of US 299 east of Weaverville. M/A '58 p10
- Section south of Weaverville in 1914; Same location, 1958. M/J '60 i.cvr.
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due to elimination of parking. J/A '50 p6

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1937

California Highways and Public Works
COVER ILLUSTRATIONS 1937-1967

Jan I-80 [US 40] at Donner Summit in winter; Donner Lake in background
Feb Valley Blvd. as seen through orange groves near Pomona
Mar Kennett Dam, key unit of Central Valley Project [**color drawing**]
Apr US 395; Eastern slope of the High Sierra north of Bishop (Inyo Co.)
May Golden Gate Bridge across entrance to San Francisco Bay [**color drawing**]
Jun Rt. 1 (Ocean Shore Hwy.) under construction in San Mateo Co.
Jul Rt. 1; Carmel-San Simeon Hwy., where sea and mountains meet
Aug Rt. 70 [US 40-Alt.], the Feather River Hwy. and its bridges.
Sep Rt. 99; stretch of new state highway in Kern Co.
Oct Alameda Co.; construction activity in Altamont Pass
Nov Rt. 136-190; Lone Pine--Death Valley Hwy. (Inyo Co.)
Dec Rt. 1; Ocean Shore Hwy. just opened in San Mateo Co.

1938

Jan US 101; new four-lane divided highway through Montecito
Feb North Figueroa St. Viaduct on Rt. 159 [Rt. 165] in Los Angeles
Mar Clearing I-80 [US 40] over Donner Summit during snow storm
Apr Main line railroad bridge across Los Angeles River wrecked by flood
May Mt. Shasta seen from I-5 [US 99]. Sacramento River in foreground
Jun Rt. 180 under construction in Kings River Canyon (Fresno Co.)
Jul Rt. 203 [Rt. 112] Mammoth Lakes Hwy. near Twin Lakes (Mono Co.)
Aug US 50; Echo Summit relocation
Sep Rt. 123 [Leg. Rt. 14] showing circuitous alignment (Contra Costa Co.)
Oct Rt. 46 [Rt. 33]; York Mt. Grade, Cayucas--Templeton (San Luis Obispo Co.)
Nov Rt. 41; Squaw Valley Grade near General Grant National Park (Fresno Co.)
Dec Topanga Canyon road, showing winding grade and narrow bridge (L. A. Co.)

1939

Jan Culbert L. Olson, Governor of California. Inaugurated January 2 1939
Feb Rt. 78; winding section between Julian and Descanso (San Diego Co.)
Mar Shasta Dam under construction scenes at site on Sacramento River
Apr Snow surveyors measuring water content of Sierra pack
May Redding; railroad bridge across Sacramento Rvr. under construction
Jun I-80 [Rt. 37; US 40]; Donner Lake and view from Donner Summit
Jul Rt. 14 [Rt. 23]; Newhall Tunnel Hwy. from historic Freemont Pass (L.A. Co.)
Aug Rt. 17 [Rt. 5] between Los Gatos and Santa Cruz
Sep Presidio Tunnel approach to Golden Gate Br. under construction, S.F.
Oct Rt. 180; completed Kings River Canyon Hwy. (Fresno Co.)
Nov Pit River Bridge across site of Shasta Dam Reservoir [**drawing**]
Dec Friant Dam [**drawing**], and scenes at ground breaking

California Highways and Public Works
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1940

Jan Rt. 14 [Rt. 23]; four-lane highway eliminating Newhall Tunnel (L.A. Co.)
Feb Snow removal scene on Donner Summit (I-80) [US 40]
Mar View from Donner Summit after snow removal (I-80) [US 40]
Apr Flooded orchard and farm lands near Princeton, Colusa Co.
May Rt. 1; slide prevention work on Pacific Palisades (L.A. Co.)
Jun Treasure Island in San Francisco Bay
Jul Us 101; Redwood Hwy. through Culbert L. Olson Grove (Humboldt Co.)
Aug US 50; rugged scenery on Echo Summit relocation over the Sierra
Sep Carquinez Toll Br. across Straits of Carquinez on I-80 [US 40]
Oct Arroyo Seco Pkwy. (Rt. 110) between Los Angeles and Pasadena
Nov Rt. 1; San Simeon--Carmel Coast Hwy. and Big Creek Br.
Dec Russian Gulch concrete arch bridge (Rt. 1, Mendocino Co.)

1941

Jan Arroyo Seco Pkwy. showing divided hwy., paved channel, and overheads
Feb Rotary snow plow widening and clearing I-80 [US 40] near Donner Summit
Mar Pit River Bridge under construction on I-5 [US 99], Shasta Co.
Apr Surveyors measuring snow depths and water content
May "Kneeling Nuns" of Red Rock Canyon (Rt. 14 [US 6], Kern Co.)
Jun Orleans Br. across Klamath River on Rt. 96 (Humboldt Co.)
Jul Section of Tioga Pass Hwy., Mono Co.
Aug Bridge across Sacramento River at Antler on US 99 Shasta Dam relocation
Sep Ocean Shore Hwy. under construction between San Francisco and Santa Cruz
Oct Pit River Br. across Shasta Dam reservoir lake nearly completed
Nov "California Highways and National Defense" military montage
Dec Rt. 2, Angeles Crest Hwy. as seen from point between two tunnels (L.A. Co.)

1942

Jan US 50 at Strawberry looking east to Echo Summit
Feb Feather River Canyon, Plumas Co. in winter, seen from Rt. 70 [US 40-Alt.]
Mar through Dec Montage of Public Works projects

1943

Jan Earl Warren, Governor of California
Feb Same as March 1942. **[Last monthly issue]**
Mar-Apr through Nov-Dec Same as March 1942

1944

Jan-Feb Winter scene on US 50 across the Sierra Nevada
Mar-Apr Blossom time along Rt. 9 in Santa Clara Co.
May-Jul Leavening grade on Rt. 120, Tioga Pass entrance to Yosemite
Jul-Aug Mulholland Overhead grade separation on Hollywood Fwy., L.A. Co.
Sep-Oct Lake Mary from Rt. 203 [Rt. 112], Mammoth Lakes area (Mono Co.)
Nov-Dec Rt. 14 [Rt. 23] through Red Rock Cyn on Mojave Desert, Kern Co.

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1945

Jan-Feb Rt. 180, Kings River Canyon Hwy., Fresno Co.
Mar-Apr I-5; Pacific Hwy. [US 101, Rt. 2]; Torrey Pines Mesa, San Diego Co.
May-Jun I-80 [US 40, Rt. 69]; East Shore Hwy. in Oakland along San Francisco Bay
Jul-Aug Carquinez Bridge
Sep-Oct Rt. 1 [US 101, Roosevelt Hwy.] north of Santa Monica
Nov-Dec Trees draped in snow along Rt. 89, West Shore Lake Tahoe

1946

Jan-Feb Shasta Dam and reservoir (**color**)
Mar-Apr I-80 [US 40] near Gold Run, Placer Co.
May-Jul Donner Lake on I-80 [US 40]
Jul-Aug Rt. 37, Black Point Cut-off between Napa and Ignacio (Sonoma Co.)
Sep-Oct Rt. 24 at Orinda Junction (Contra Costa Co.)
Nov-Dec San Francisco-Oakland Bay Br. showing Western Terminal

1947

Jan [AASHO special issue] Delegates at 32nd annual meeting of AASHO
Jan-Feb I-10 [US 99] in San Bernadino Co. looking north toward Redlands
Mar-Apr Rt. 120, Tioga Pass Hwy. mountain scene (**color**)
May-Jun Sheep grazing alongside Sign Rt. 89 in Hope Valley, Alpine Co.
Jul-Aug US 101 north of Salinas, Monterey Co., 4-lane divided highway section
Highway leading to Mt. Shasta
Sep-Oct I-80; North Sacramento Fwy, opened Oct. 6, 1947
Nov-Dec Terminal Island Fwy under construction (Los Angeles Co.)

1948

Jan-Feb I-80 [US 40] through Auburn, Placer Co.
Mar-Apr Rt. 163 [US 395], Cabrillo Fwy., San Diego Co.
May-Jun US 101; Montecito Pkwy. viewed from Ortega Hill (Santa Barbara Co.)
Jul-Aug US 101; Hollywood Fwy. [Cahuenga Fwy.] in Los Angeles
Sep-Oct US 101, San Luis Obispo Co., a four-lane divided freeway
Nov-Dec Trees across street from Public Works Building, Sacramento (**color**)

1949

Jan-Feb I-80 [US 40] widening operations through American Canyon Cut-off
Mar-Apr Hollywood Fwy. (US 101) between Barnam Blvd. and Vineland Ave.,
May-Jun Bayshore Fwy (US 101), showing San Bruno Interchange
Jul-Aug I-5 [US 99]; Ridge Route at junction with Rt. 126 [Rt. 79] to Ventura
Sep-Oct Four-Level Structure, Los Angeles
Nov-Dec US 50 near Kyburz, El Dorado Co. (**color**)

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1950

Jan-Feb I-10 [Rt. 26] divided highway at Redlands, San Bernadino Co.
Mar-Apr California State Capital and surrounding area, aerial view
May-Jun US 101 divided highway between Oxnard and El Rio Junction
Jul-Aug Lake Tahoe as seen from I-80 [US 40]
Sep-Oct Centennial Edition 1850--1950
Nov-Dec Blasting in Piru Gorge on I-5 [US 99], Ridge Route

1951

Jan-Feb Hollywood Fwy. (US 101) section dedicated Dec. 27, 1950
Mar-Apr US 101 through historic Gaviota Pass (Santa Barbara Co.)
May-Jun Bayshore Fwy. (US 101), first unit completed within city of S.F.
Jul-Aug Rt. 1 on Pedro Mt., San Mateo Co.
Sep-Oct Charles Henry Purcell, 1883-1951
Nov-Dec Balancing Rock on Rt. 158 [Rt. 111] leading to June Lake, Mono Co.

1952

Jan-Feb Snow battle scene on I-80 [US 40] during record 1952 storm
Mar-Apr Colorado St. Bridge under construction, Pasadena
May-Jun Yuccas in bloom along I-15 [US 395] near Cajon Pass, San Bernadino Co.
Jul-Aug Burney Falls, Shasta Co.
Sep-Oct Rt. 4 leading to Calaveras Big Trees
Nov-Dec Farm-to-Market roads feed into Arnold Industrial Fwy., Contra Costa Co.

1953

Jan-Feb Trees in Sierra draped with snow
Mar-Apr Four-level Structure, Los Angeles
May-Jun Indian Head rock formation in Riverside Co.
Jul-Aug Donner Lake on I-80 [US 40] (**color**)
Sep-Oct Safety message featuring Smokey the Bear
Goodwin J. Knight, Governor of California
San Quentin Wye near San Rafael, Marin Co.
Nov-Dec First snowfall of season at Echo Summit, US 50
Shores of Lake Mary, Mono Co.

1954

Jan-Feb Four-level Structure in heart of L.A. Freeway System, night view
Mar-Apr I-15 through Blue Cut Area near Cajon Summit (San Bernadino Co.)
May-Jun Bald Rock Canyon in Middle Fork of Feather River
Lake Alminor in Plumas Co.
Jul-Aug Skyline views upon entering San Francisco on Bayshore Fwy. from south
Safety message featuring Smokey the Bear
Sep-Oct US 50 at Strawberry (El Dorado Co.) (**color**)
Nov-Dec Owens Valley as seen from US 395 at Olancho (Inyo Co.)

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1955

- Jan-Feb** School Safety Patrol leader on duty at Whitter School, Berkeley (**color**)
Mar-Apr San Francisco skyline as seen entering central district from Bayshore Fwy.
May-Jun San Luis Obispo freeway (US 101) (**color**)
Jul-Aug Highway relocation along Laurel Dell Lake on Rt. 20, Lake Co.
Safety message featuring Smokey the Bear (**b&w**)
Sep-Oct Arch in Natural Bridges State Park, Santa Cruz
Fallen Leaf section of Lake Tahoe viewed from Rt. 28 [Rt. 94]
Nov-Dec Sherwin Grade in Inyo-Mono Counties, covered in snow

1956

- Jan-Feb** Four-lane divided section of I-5 [US 99] at foot of Mt. Shasta
Mar-Apr Golden Gate Bridge
San Francisco--Oakland Bay Bridge
May-Jun Wild flowers in bloom along Rt. 119 [US 399] in Arvin Dist., Kern Co.
Fields in bloom near Hollister, Rt. 156 [Rt. 22], San Benito Co.
Jul-Aug Richmond--San Rafael Br.
Safety message featuring Smokey the Bear (**b&w**)
Sep-Oct Trees along Luther Pass Hwy. (Rt. 89) west of Lake Tahoe in autumn
Rt. 70 [US 40-Alt]; Feather River Hwy., Plumas Co.
Nov-Dec June Lake on Rt. 158 [Rt. 111] covered in blanket of snow (Mono Co.)
Light pattern created by headlights on Harbor Fwy.

1957

- Jan-Feb** US 101; San Luis Obispo Fwy. at Shell Beach
Model of depressed freeway and adjacent residential area
Mar-Apr University Ave. Interchange, Berkeley
Rt. 24, Lafayette Bypass (Contra Costa Co.)
May-Jun Kings River Canyon Recreational Area (Fresno Co.)
Coyote Dam area before dam construction (Mendocino Co.)
Jul-Aug Cypress St. double-deck freeway, Oakland
Safety message featuring Smokey the Bear (**b&w**)
Sep-Oct US 101 paving job for Paso Robles Bypass (San Luis Obispo Co.)
US 101, Redwood Fwy.; construction on 'big cut' (Humboldt Co.)
Nov-Dec Downtown Los Angeles looking north along Harbor Fwy.
I-5; Golden State Fwy. near Rt. 14/I-5 [US 6/US 99] interchange

1958

- Jan-Feb** Rotary snow plow clearing section of I-80 [US 40] at Donner Summit
Rt. 18 in Mojave Desert near Apple Valley [See M/J '58 p44]
Mar-Apr Superstructure of parallel Carquinez Br. seen from piers of south approach
Bay Br. as seen from Yerba Buena Island
May-Jun US 101 at Bridges Cr. in northern Mendocino Co.
Rt. 70 [US 40-Alt.] at Elephant Butte Tunnel in Plumas Co.
Jul-Aug Rt. 193 [Rt. 93] passing through Broom in bloom (El Dorado Co.)
Stanislaus Rvr. Br. between Sonora and Angeles Camp, Rt. 49
Sep-Oct Rt. 14 [US 6] in eastern Kern Co. near Red Rock Canyon
Bixby Creek Br. on Rt. 1 (Monterey Co.)
Nov-Dec Lighthouse at western terminus of I-8, Cabrillo Nat. Park (San Diego)
Grout Bay camp-ground along Rt. 18 near Big Bear Lake

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1959

- Jan-Feb** Light pattern created by autos on Hollywood Fwy. approaching City Hall Santa Ana Fwy. (I-5) crossing under roadway of Long Beach Fwy. (I-710)
- Mar-Apr** Interchange at junction of Rt. 1 and Rt. 17 in Santa Cruz
Traffic using parallel Carquinez Br., widening of old span
- May-Jun** Rt. 60 west of Beaumont in San Bernadino Co.
All American Canal Br. on I-8 [US 80], Imperial Co.
- Jul-Aug** I-80 [US 40] passing under Magazine St. Overcrossing in Vallejo.
US 50 east of Echo Summit, starting down Meyers Grade
- Sep-Oct** Rt. 168 near Huntington Lake in Fresno Co.
US 101; landscaped section near Mission San Luis Obispo
- Nov-Dec** I-5 [US 99] expressway north of Shasta Lake
US 101 in Rattlesnake Canyon north of Laytonville (Mendocino Co.)

1960

- Jan-Feb** 65 MPH signs on I-80 near Nevada state line, in effect Jan. 1, 1960
Mulholland Summit Cut on San Diego Fwy. (I-405) in Los Angeles
Santa Monica-Harbor Fwy. interchange under construction
- Mar-Apr** I-880; landscaped section of Nimitz [Eastshore] Fwy. through Oakland
Rt. 24; landscaping at Pleasant Hill Rd. interchange
- May-Jun** Installation of large directional signs on Walnut Creek Bypass
Ventura--San Diego Fwy. interchange and vicinity (**front and back cover**)
- Jul-Aug** I-5 [US 99] under construction in Sacramento Rvr. Canyon near Dunsmuir
Mission Valley interchange for I-8/Rt. 163 [US 80-395], San Diego
- Sep-Oct** I-5 [US 99]; downhill view of widened Grapevine Canyon section
Folsom Lake at Mormon Island State Park
- Nov-Dec** I-80; improved section between Hampshire Rocks and Soda Springs
Webster St. Tube, Alameda; precast tube segments being cast

1961

- Jan-Feb** Landscaping on US 101 at Cabrillo Blvd. interchange, Santa Barbara
Santa Monica Fwy. (Rt. 60) under construction
- Mar-Apr** San Diego Fwy. through San Clemente showing typical freeway signing
Hazelview Summit Tunnel, drawings of (US 199, Del Norte Co.)
- May-Jun** I-80 plantings through Richmond at Solano Ave. Overcrossing
Noyo River Br. (Rt. 1, Mendocino Co.) painted green
- Jul-Aug** Painting main cables of San Francisco--Oakland Bay Br.
US 101 through Pismo Beach (San Luis Obispo Co.)
- Sep-Oct** Harbor Fwy. (I-110) through downtown Los Angeles
US 101 between Willits and Laytonville (Mendocino Co.)
- Nov-Dec** I-5 [US 99] south of Dunsmuir, Siskiyou Co.
Grading work on Rindler Fill section of I-80 [US 40] near Vallejo

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1962

- Jan-Feb** Redwood Parks area of US 101 between Meyers Flat and Dyerville
Landscaped section of San Diego Fwy (I-405) near Sunset Blvd.
- Mar-Apr** I-5 [US 99], Ridge Route section, covered in snow
Rt. 49 between Auburn and Grass Valley
- May-Jun** W. Branch Br. across N. Fork Feather Rvr. carrying relocated Rt. 70
US 101 at Goleta (Santa Barbara Co.)
- Jul-Aug** Rt. 29-128 south of Calistoga (Napa Co.)
Golden State Fwy. (I-5) near Griffith Park Rd.
- Sep-Oct** Turnbridge Dr. pedestrian overcrossing on US 50-99 near Sacramento
Ventura Fwy. (US 101) under construction in city of Ventura
- Nov-Dec** Redlands Fwy. (I-10) [US 70-99] at Cypress Ave. Undercrossing
Benicia--Martinez Toll Br. and SP railway bridge

1963

- Jan-Feb** Cable spinning on Vincent Thomas Br. (San Pedro--Terminal Island)
Time exposure night photo on I-80 [US 40] near Albany
- Mar-Apr** Wildflowers along Rt. 46 [US 466] near Arvin turnoff (Kern Co.)
San Diego Fwy. across Sepulveda Pass near Mulholland Drive Br.
- May-Jun** Assistant State Hwy. Engineer Steve Macola conducting survey work
Rt. 24 freeway between Walnut Creek and Lafayette
- Jul-Aug** Rt. 49 (Mother Lode Hwy.) near Jacksonville
Vincent Thomas Br. between San Pedro and Terminal Island
- Sep-Oct** Flagman directing traffic on Rt. 18, San Bernadino Co.
Cold Springs Canyon Br. painting (Rt. 225 [Rt. 150] Santa Barbara Co.)
- Nov-Dec** US 101 (Redwood Hwy.) through Avenue of the Giants.
Elysian Viaduct Br. carrying Golden State Fwy. over Pasadena Fwy.

1964

- Jan-Feb** Expressway west of Twain Harte, Rt. 108 (Sonora Pass Hwy.)
Rotary plow in operation on I-80 near Kingvale
- Mar-Apr** Installing new sign on former US 101-Alt at Pt. Mugo, now part of Rt. 1
US 101 freeway section in Santa Barbara
- May-Jun** Bay Br. at night, illustrating change to one-way traffic [See J/A'64 p59]
San Diego Fwy. (I-405) in Los Angeles
- Jul-Aug** Rt. 1 near Carmel--Pacific Grove Hwy. and 17-mile Drive interchange
San Diego Fwy. (I-5) near 4-level junction and Balboa Park
- Sep-Oct** Drawing of future I-280 through Los Altos Hills
US 101 freeway (Redwood Parks Fwy.) near Myers Flat.
- Nov-Dec** Donner Pass, showing old US 40 route, new I-80 Fwy.
Do Not Enter--Wrong Way signs at I-80 off-ramp near Sacramento

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1965

- Jan-Feb** Roadside rest area overlooking Pacific Ocean at McKinleyville, US 101
Landsaped section of US 99 at Tulare
- Mar-Apr** Golden State Fwy. (I-5) landscaping
Bailey Br. in place across washed-out span of Smith River on US 199
- May-Jun** US 101 through Waldo Grade north of Golden Gate Br.
W-X Street Br. under construction over Sacramento Rvr., Sacramento.
- Jul-Aug** California's first officially named "Scenic Hwy.," Rt. 1 along Pacific Coast
Interior of third Caldecott Tunnel
- Sep-Oct** Before and after views of US 99 in Modesto
Quaking aspen grove along Rt. 89 in Monitor Pass region
- Nov-Dec** Raking leaves on median of Cabrillo Fwy. (Rt. 163) through Balboa Park
Replacing sidehill viaduct at Dodge Pt. near Tioga Pass summit, Rt. 120

1966

- Jan-Feb** Montage of snow removal operations
Rim of the World Dr. (Rt. 18) through San Bernadino Range in winter
- Mar-Apr** Rt. 88 near Carson Pass summit
Evening in Los Angeles on Harbor Fwy. near Civic Center
- May-Jun** Mojave Desert wildflowers; Zannetta House, San Juan Bautista; Yosemite
in winter; Carpenteria State Beach; E Clampus Vitus initiation in Volcano;
US 395 south of Lone Pine; Fishing in Big Sur River; Sanctuary and Eye
of God, Mission San Miguel; Sonoma Coast
Unidentified California Beach
- Jul-Aug** Filming correct procedure for protecting maintenance workers from traffic
Rt. 58 where road begins to climb to Tehachapi Pass (Kern Co.)
- Sep-Oct** Car towing boat on freeway ramp, city of Long Beach
View of aspens and mountains from US 395, Conway Summit.
- Nov-Dec** Montage of construction projects statewide (**front and back cover**)

1967

- Jan-Feb** Los Angeles freeway at night
Unidentified section of highway in mountainous area [**final issue**]