

P1992.44  
Leonard J. Howard Collection

Size: Four hundred fifty-six black and white photoprints, 3 ½" x 3 ½" to  
8" x 10"  
Dates: 1899 – 1939, most taken in 1920s  
Donor: Mrs. Leonard J. Howard  
Date acquired: 1992  
Location: Box/photo vault

The photographs were removed from two albums and an inventory prepared with identification from the album. The collection documents highway construction throughout the state of Idaho.

Finding aid available

P1992.44 Leonard J. Howard Collection

- .1 Lewiston - machine shop.
- .2 Dirt handling rig.
- .3 Heavy hauling rig.
- .4 Hailey - Flemming ox team, Aukima Drug in back ground.  
[hauling hay] 1899
- .5 Salmon River - looking south towards Riggins.
- .6 Bellevue - ox team.
- .7 Elmo Howard trip to Carey, April 17, 1917.
- .8 Building Galena Summit Highway, 1917.
- .9 Bellevue - Flemming ox team pulling tank to Queen of the Hills (mine).
- .10 Hansen Bridge under construction, 1919.
- .11 Snake River - Hansen Bridge, 1920. [postcard].
- .12 Owsley Ferry, 1921 Snake River SE of Hagerman Emma Davis and Jim Kriger, Oakland.
- .13 Eagle - east of.
- .14 Meridian - Fairview east.
- .15 Shoshone Falls - ferry. [postcard].
- .16 Lemhi highway - shovel working on Lima Railroad tracks on way to Dillon, MT.
- .17 Lemhi highway, 1926.
- .18 Lemhi highway, 1926.
- .19 Lemhi highway, 1926.
- .20 Orton shovel used a Monarch motor that could be used on the first snow shovel.
- .21 Bear Lake County - Quinn-Robbins crushing plant.
- .22 Austin Salmon River grade, 1928.
- .23 Salmon Bridge to Owsley Bridge, 1927.

- .24 Parma - Main Street, 1928.
- .25 Rome motor patrol powered by McCormick Deering, 1928.
- .26 Two ton cat tower disc 88A and John Deere Syracuse L type harrow used to mix oil - New Plymouth-Fruitland, 1928.
- .27 Owsley to Salmon Bridge, June 1927.  
One of Idaho's first oiling projects.
- .28 Altman-Taylor traction boiler used to heat oil pulled by Pierce-Arrow truck.
- .28/b State aid 9 D Salmon River Bridge to Owsley Bridge, length & 5.1 miles constructed 1927. This was the first oil mix project constructed in Idaho. First section of 2110 feet being reworked in 1928 to correct distorted surface due to a seepy condition of the subgrade upon which it was laid. Note compaction and absence of bond to wet clay base.
- .29
- .30 Old Fort Lemhi, Oct 19, 1927.
- .31 Challis - looking north across Main Street.
- .32 Gooding City, 1929.
- .33 Pierce Arrow loaded with caterpillar and harrows.  
Gooding water tank in distance.
- .34 Abe Ashline, south of Gooding, 1928.
- .35 Boise - Broadway, June 1929.
- .36 Boise - Broadway, Austin 15/30 making final spread, June, 1929.
- .37 Boise - Broadway, 1929. 1929 Ford A.
- .38 Russell 10/20 1927.
- .39 Payette - Washington County Line, 1927. Old Oregon Trail.
- .40 Payette - Weiser gallion 10/20, Sept 1927.
- .41 Emmett - Patrol needs help on Freezeout Hill.
- .42 Emmett - Oiling at Freezeout Hill. 1930 Ford in background.
- .43 Hagerman - Gilmore dist pulled by Gallion grader.
- .44 Gallion front suspended scarifier.
- .45 Gooding - State Deaf and Blind School, 1930.

- .46 Bliss - Elmore County line, 1928
- &
- .47
- .48 Lloyd Simpson and crew, 1929.
- .49 Jerome - toll bridge, Pierce-Arrow 1929, 1 broken spray valve.
- .50 Drifts 11' high cleared with Snow King rotary 8 miles north of Starkey, 1928.
- .51 Kootenai County, 1929.
- .52 Payette - New Plymouth
- &
- .53
- .54 Asphalt repair and crack pouring repair, 1928-1930.
- .55 Washington County line, 1929.
- &
- .56
- .57 Five mixing battery of dual drive Austins, 1930.
- .58 Built by Boise shops, white 51a white, 1928-1929.
- .59 Snow shovel V plow, Jim Reid, right, Abe Ashline, next.
- .60 Rightway snow shovel, Monarch Motor J-D-6 Beaver, 1930.
- .61 Buhl to Filer, 1928.
- .62 Shoshone shop, Coleman truck model D x 40, Plow Idaho Design.
- .63 Gooding - Austin 15/30 oiling streets, Pierce-Arrow in back, 1929.
- .64 Valley County, McCall, 1929
- &
- .65
- .66 Gooding - laying oil, 1929.
- .67 New Plymouth - spears -wells 2 ton caterpillar powered, 1928.
- .68 Boise - Broadway a little larger cat to pull the disc's and harrow's, June, 1929.
- .69 Boise - Broadway Ave, June, 1929.
- &
- .70

- .71 Pierce-Arrow truck, 5 ton army truck model R9 1918 type 38 H.P top speed 14 miles per hour.
- .72 An early type of forward swung scarifier on an early McCormick-Deering motor grader.
- .73 Austin bull pup 5 ton roller with rear drag scarifier. Wheels equipped with traction buttons and blanks for work or travel. The pick up was too much for this machine to be successful. 10/20 McCormick Deering.
- .74 Boise - Broadway, 1929.
- .75 Boise - Broadway Ave, using 2 ton cat to help Pierce-Arrow distributor in heavy going, June, 1929.
- .76 Idaho's first power driven distributor on a Kelley Springfield 3 1/2 ton chassis, 1917-1918 model.
- .77 Boise - Jim Reids Buick, Capitol and Front.
- .78 Boise - Front St. location.
- .79 Boise - Heater at Front and Capital Blvd, 1929.
- .80 Boise - Oiling Broadway and Capital Blvd heater on Front St. in front of Chinese house, 1929.
- .81 Bliss - Heater set up, 1928 season.
- .82 Gooding - Heating set up, oiling on Gooding streets and reconstruction west. 1918 Pierce-Arrow truck, 1929.
- .83 Warm River - Yellowstone nine rail cars two deliveries a week, September, 1930.
- .84 Warm River - Yellowstone, lumpy and grozen oil mat, October, 1930.
- .85 Trude - Warm River - Yellowstone, October, 1930.
- .86 Warm River - Yellowstone near Macks Inn, September 22, 1930.
- .87 Shoshone - Richfield FWD 3 1/2 ton Wisconsin plow, 1929.
- .88 Shoshone shop, Nash Quad Schultz snow plow, 1929.
- .89 Wing used on Austin, no wasted material. 1930.
- .90 Warm River - Yellowstone, near summit of divide, 1930.
- .91 Monarch motor for snow shovel.

- .92 Horseshoe Bend - Payette Highway, autocar, January, 1931.
- .93 Shoshone - snow shovel, 1929.
- .94 Building Horseshoe Bend Hill.
- .95 Gooding - Wendell, 1928.
- .96 Boise - 28th and State.
- .97 Boise - Garden Ave intersection.
- .98 Garden Street, China gardens now Garden City.
- &
- .99
- .100 Old Oregon Trail (Cotterell) East of Burley.
- to
- .102
- .103 Eagle - Valley road crossing BVT track.
- .104 Canyon Hill junction Highway 44.
- &
- .105
- .106 Heyburn Park, Benewah County, Pee-Dee viaduct.
- .107 Soldier Creek grade.
- .108 Coeur d'Alene - road north.
- .109 Elk City highway half tunnel.
- .110 Chair Creek, February 18, 1925.
- .111 Bellevue - Loading shale.
- .112 Four patrols mxing.
- .113 Rock Point.
- .114 Rock Point, February 18, 1925.
- .115 Peterson Gulch Road.
- .116 Boundary County.
- .117 Laying ribbons and fine grading FAP 93, 1926.
- .118 Laying cement pavement, 1926.
- .119 Holt Best tractor.

- .120 Carey - Main Street, Elmo Howard's grage on left.
- .121 North Idaho - Boyer slough, Spring, 1926.
- .122 North Idaho - Boyer slough sub base in roadway.
- .123 North Idaho - dust settling equipment.
- .124 North Idaho - Steam shovel in rock cut showing old road, Clearwater Timber Co. Mill and Farebay.
- .125 Pouring Spokane International Viaduct.
- .126 Hansen - Murtaugh - Pierce Arrow with Gilmore Dist., 1927.  
&  
.127
- .128 New Plymouth - Steam roller used to heat oil, 1927.
- .129 Hansen - Murtaugh - rural school, 1927.
- .130 North Idaho - Dual drive 10/20 Austin, 1929.
- .131 Caterpillar 60 pulling grader used for mixing.
- .132 North Idaho - 10/20 Austin, 1929.
- .133 North Idaho - 10/20 Austin, 1928.
- .134 Filer - Applying 94 plus road oil.
- .135 Buhl - Rail crossing change rails from 70 lb to 90 lb.
- .136 Buhl - Filer - Macadam base.
- .137 Retort heating unit Filer to Buhl.
- .138 Caldwell - Homedale - 6 mile west of Caldwell, October 24, 1928
- .139 Caldwell - Homedale - 10 mile west of Caldwell, October 24, 1928.
- .140 Caldwell - Homedale - 14.4 mile west of Caldwell, October 24, 1928.
- .141 Caldwell - Homedale - Looking west at grade crossing 5.9 mile west of Caldwell. October 24, 1928.
- .142 Harrison, 1920s.
- .143 Harrison.
- .144 Harrison - Driftwood Point.

- .145 Yellowstone Highway east of Coeur d'Alene - Mullan  
During winter 1927-1928 road was impassable but was treated  
with oil and made a good road. November, 1928.
- .146 Coeur d'Alene - Yellowstone Highway - Mr. Pearson, November,  
1928.
- .147 Mullan - Improvements between railroad and river.
- .148 Lookout Pass.
- .149 North Idaho - rock river fill before being completed.
- .150 Buhl to Filer, 1928.
- .151 Buhl to Filer - Old Oregon Trail, 1928.
- .152 Wendell - Jerome.  
&  
.153
- .154 Boise - culvert on Broadway.
- .155 Boise - Broadway Ave., June, 1929.
- .156 Boise - Broadway at Adams and Rome, 1929.
- .157 Boise - Broadway Patrol's tandem miz. 1929.
- .158 Targee - Yellowstone - west of Madison River, August -  
September 1930.
- .159 Targee - Yellowstone near Madison River, 1930.
- .160 Targee - Yellowstone, 1930.  
&  
.161
- .162 Ashton - Warm River.
- .163 Warm River - Yellowstone - Henry Lake section, 1929.
- .164 Targee - Yellowstone - looking towards the divide, 1930.
- .165 Targee - Yellowstone - looking north from the Continental  
Divide, 1930.
- .166 Warm River - Yellowstone near the summitt, September, 1930.
- .167 Warm River - Yellowstone - Spring tooth harrows for mixing  
oil , notice chain to measusre 2280' oil sections.
- .168 Quinn - Robbins crushing plant Bear Lake County, 1930s.

- .169 Fordson broom, 1929.
- .170 Warm River - Yellowstone, 60/70 oil seal, 1930.
- .171 Yellowstone Highway.
- .172 Warm River - Yellowstone - auto car and distributor, auto car 110 HP, 1930.
- .173 B.D. Palfreyman job, October 15, 1934.  
to  
.191
- .192 North Idaho - Sam Oreno, contractor, 1933.  
&  
.193
- .194 Buhl - Castleford highway used for oiling.  
to  
.196
- .197 Old Oregon Trail east of Hansen.
- .198 Cut and curve north of Mission Creek.  
&  
.199
- .200 Shoshone Yard.
- .201 Coeur d'Alene headquarters.
- .202 Boise - Franklin Road off ramp.
- .203 Shed at District 3 (for Doc Howard).
- .204 Caldwell - Homedale - O.S.L. Railroad crossing Kimball and Cleveland, October 25, 1928.
- .205 18000 gallon storage tank moved from New Plymouth to Weiser 1930.
- .206 Machine and tool house moved by 15/30 Austin.
- .207 Gooding - Wendell, 1930.  
& Jess Davis, photographer.  
.208
- .209 Roberts Swamp.
- .210 Roberts Swamp - drag line.
- .211 Roberts.
- .212 Targee - Yellowstone - Austin motor grader, September, 1930.

- .213 Targee - Yellowstone - Montana line, 1930.
- .214 Idaho Falls - grade cutting through Texico service, 1930.
- .215 Idaho Falls - Cottage Avenue.
- .216 McNabs Point.  
to
- .218
- .219 Killifer heavy duty scarifier.
- .220 Gallion rear drag scarifier.
- .221 F.W.D. 6 ton 29 miles per hour 2500 lbs. 1140 gallons at  
& 60 degree. Burned up at Carey 1933 total loss.
- .222 Both new 1930.
- .223 Idaho Falls - Boulevard intersection looking north, 1930.
- .224 Idaho Falls - Morrison-Knudsen & J.C. Maguire Contractors,  
1930.
- .225 Idaho Falls - Cutting into railroad embankment, 1930.
- .226 Idaho Falls - Shovel leaving 1st Street into Cottage  
Avenue, 1930.
- .227 Enaville - Murray - Railroad grade at left.
- .228 Enaville - Murray - Flood, 1933.  
&
- .229
- .230 Priest River
- .231 Clearwater River between Myrtle and Spalding.
- .232 Idaho - Washington down the Pend O'Reille.
- .233 Railroad truss before lowering, 1935.
- .234 Moores Creek - Railroad grade, 1935.
- .235 Moores Creek - Railroad bridge before lowering for highway.
- .236 North and South with the frost going out.
- .237 Tensed - Wood guard rail.
- .238 Tensed.

- .239 Harrison.
- &
- .240
- .241 Junction of Clark Fork Highway east of Sandpoint.
- .242 Monida overhead pouring span I, August 7, 1936.
- .243 Monida overhead span I, August 7, 1936.
- .244 Nine truck mixer leaving materials hopper, August 7, 1936.
- .245 Hopper for aggregate, July 23, 1936.
- .246 Owyhee Dam - construction.
- .247 Yankee Fork Bridge - construction, 1933.
- .248 Road into Red Fish Lake built by Leonard Howard, 1933.
- .249 Sunbeam Dam at Yankee Fork, Salmon River, 1933.
- .250 Ord double screed finishing machine at work.
- .251 Sub grade ahead of forms.
- .252 Cement covered.
- .253 Screed at work.
- .254 Ready for the next pour.
- .255 Fourth day pour.
- &
- .256
- .257 Pocatello - Inkom - Start of paving, July 1928 - finished 1930.
- .258 Completed pavement 14 days curing period, ponds and dykes.
- .259 Dumping gravel.
- .260 Pocatello - Inkom - New pavement completed F.A. 110-B, 1930.
- .261 Final pour, 1930.
- .262 South approach, Interstate Engineering and Construction Company, August 20, 1935.
- .263 Goff Bridge - Looking south from east end, May 16, 1934.
- .264 Goff Bridge - Looking S.W. from east end, May 16, 1934.

- .265 Goff Bridge - Looking N.E. from east end, May 10, 1934.
- .266 Monida bridge - overhead, steel erection span 2, August 15, 1936. Max J. Kuney Company, contractor.
- .267 Monida bridge - overhead steel erection span 2.
- .268 Monida bridge - overhead first rub finish span 1, August 9, 1936.
- .269 Form erection span 3 and steel erection span 2, August 15, 1936.
- .270 Form erection span 3.
- .271 Rub finish stringer face.
- .272 Monida Bridge - overhead steel erection completed in 50 hours, August 23, 1936,
- .273 Monida Bridge - 1936
- .274 Monida - 1 of 2 truck mixers used on Monida overhead.
- .275 Nine sack mixer rec. water and aggregates.
- .276 Looking north on span 2.
- .277 Puring span 3.
- .278 Forms and reinforced steel 100% complete on span 3.
- .279 Looking north, August 23, 1936.
- .280 Monida overhead looking west.
- &
- .281
- .282 Screening and washing plant.
- &
- .283
- .284 Monida overhead suring form removal, Septmeber 25, 1936.
- &
- .285
- .286 Monida overhead ready to pour, August 6, 1936.
- .287 Monida overhead looking north span 2- 22'9", vertical clearance 9'6".
- .288 Looking west abut. 2, forms of pier 2, falsework 3.
- .289 Looking west on false work, span 3.

- .290 Looking south on abut. 2, July 5, 1936.
- .291 Footing on span, footing pier 1.
- .292 Monida overhead, July 2, 1936.  
to
- .295
- .296 Monida overhead ready for traffic.  
to
- .298
- .299 Old Goff Bridge looking upstream, ice condition, December 1918, 1935.
- .300 Goff Bridge, November 10, 1935.
- .301 Goff Bridge - north approach, clearing the road after the big shot. Interstate Engineering and Construction Co. September 6, 1935.
- .302 Goff Bridge - north approach, September 6, 1935.
- .303 Colburn overhead, north of Sandpoint, 1936.
- .304 Colburn - looking south before construction.  
to
- .306
- .307 Goff Bridge - Horseshoe Bend, finished, January 15, 1936.  
&
- .308
- .309 Goff Bridge - looking downstream, ice condition, December 18, 1935.
- .310 Horseshoe Bend Bridge, August, 1971.
- .311 Goff Bridge, January 15, 1936.
- .312 Mission Creek - north.  
&
- .313
- .314 White Bird Hill, 1930s.
- .315 Old Spalding Bridge.
- .316 Fall River - ice jam.  
&
- .317
- .318 Spalding - viaduct.

- .319 Arrow junction.
- .320 Plummer - Griswold warning signal.  
&  
.321
- .322 Spalding - railroad bridge.
- .323 Enaville - Murray.
- .324 Idaho - Montana line.
- .325 Soldier Creek - concrete guard rail.
- .326 Soldier Creek - grade.
- .327 Soldier Creek - channel change.
- .328 Duck Valley, late 1930s.  
to  
.332
- .333 Duck Vally - Pig creek
- .334 Craigmont - maintenance shed.
- .335 Mesa - maintenance shed.
- .336 Cascade - east of.  
to  
.337
- .338 Duck Valley - force acct.  
to  
.340
- .341 Duck Valley - construction camp.
- .342 Duck Valley - State force acct. work.  
to  
.346
- .347 Ripper built in Boise shops for use on Duck Valley  
construction.
- .348 Duck Valley - building road, late 1930s.  
to  
.357
- .358 Duck Valley - big fill on road 18000 cubic yards.
- .359 Athol - viaduct.
- .360 Grangeville - State highway maintenance shed.

- .361 Mountain Home - State highway maintenance shed.
- .362 McCall - State highway maintenance shed.
- .363 Coeur d'Alene River - north side, Harrison fill.
- .364 Whitebird Hill.
- .365 Lorenzo Bridge - looking north.
- .366 Lorenzo Bridge - pier 2 completed, May 18, 1936.
- .367 Lorenzo Bridge - looking south from span 1.
- .368 Lorenzo - bar forming above coffer dam.
- .369 Ketchum - Tony Marrazzo, 1937.  
to
- .380
- .381 Carey - flood.  
to
- .384
- .385 Carey - flood, 1938.  
&
- .386
- .387 Picabo - south of, Doc Howard, 1939.  
&
- .388
- .389 Snake River - looking north pier 3 in center with 8 pumps  
& throwing water, August 22, 1936.
- .390
- .391 Old highway and railroad bridge, 1936.
- .392 Close up of span 1.
- .393 Batch plant.
- .394 View of span 1, riveters working, 1936.
- .395 Looking north new site.
- .396 Snake River Bridge - south approach.
- .397 Snake River Bridge - north approach.  
to
- .398
- .399 Lapwai - viaduct.

- .400 Lewiston - Highway department.
- .401 Grangeville - Highway department.
- .402 Red Rock overhead, Moser and Hill, contractor, 1937.  
to
- .405
- .406 Red Rock overhead ready to pour the deck.
- .407 Red Rock overhead.
- .408 Red Rock overhead looking west.
- .409 Red Rock overhead abutment and pier.
- .410 Red Rock overhead floor and pier.
- .411 Red Rock overhead 1st pier.
- .412 Red Rock overhead started.
- .413 Michaud Lake - west of Pocatello, two sick seamen, February 1, 1936.
- .414 Pocatello - subway, Saturday, February 22.
- .415 Pocatello, February 22, 1936.
- .416 Pocatello - west, 1936.
- .417 Oregon Trail - one mile west of Pocatello airport, February 25, 1936.
- .418 Caravan passing through one mile west of Pocatello airport, February 23, 1936.
- .419 District One, 1936.
- .420 Clayton - building Salmon River highway, 1935.
- .421 (Triangle) Smith.
- .422 Bridge over Big Wood River near Malad River.
- .423 Marley - Triangle construction.  
&
- .424
- .425 Clarks Fork - Laclede hill road paralleling railroad.
- .426 Near Yellowstone Park, 1948.
- .427 Craters of the Moon, 1948.

- .428 Carey -- south of, 1948.
- .429 Carey - flood, highway yard, 1948.
- .430 Charles Clark.
- .431 Carey - airport in a day.
- .432 Boise - west.
- .433 Boise - Franklin Road off ramp, construction.
- .434 Coeur d'Alene - Highway Department headquarters.  
to
- .436
- .437 Lewiston Hill.  
&
- .438
- .439 Protective sign used by highway workmen, 1934.
- .440 Chain dragg used oiling to sttle dust.
- .441 Cascade - Smith Ferry, deep ditches, Sam Orino, contractor,  
1934.
- .442 Lake Creek Summit, Knox Johnson Creek, Valley County.
- .443 The lady who put up my lunch's for over 41 years received  
the award for bravery at Circle Alaska.
- .444 Martin - old road, winter 1939-1940.
- .445 Craters of the Moon - l to r, Ross Stanford, L.J. Howard,  
O. Eldridge, 1939.
- .446 Roosevelt Highway at Bliss - sign - Take your choice or take  
the Oregon Trail.
- .447 Truck, 341 F.W.D., L.J. Howard on bank, L.B. Carlson in the  
road, 1939.
- .448 Craters of the Moon - Leonard Howard on snow bank, Oliver  
Eldridge sitting on cab, Ross Stansord, wing operator, 1939.
- .449 Craters of the Moon - L.J. Leonard, 1939.
- .450 Mores Creek Summit - Roy Jump and Doc Howard.  
&
- .451
- .452 Boyd Barton

- .453 Carey - airport in a day.
- .454 Malad River - bridge, 1928.
- .455 Luck Peaky - road.
- .456 Galena Summit, late 1930s.