Remarks of Assistant Commissioner of the Bureau of Reclamation, Gilbert G. Stamm
at Corps of Engineers Groundbreaking Ceremony Lost Creek Dam and Reservoir Rogue River Basin Project, Oregon August 22, 1970

I am very pleased to have been asked to take part in this groundbreaking ceremony for the Lost Creek Dam and Reservoir Project to be built by the Corps of Engineers.

The people of the Rogue River Basin, particularly the Rogue Basin Flood Control and Water Resources Association, are to be congratulated on this visible, physical recognition that the time and effort they have exerted over the past 15 years or so to bring this project into being have not been in vain. Their patience and perseverance are about to be rewarded.

The Corps of Engineers deserve commendation, too, for their continuous dedicated effort to make this day possible and let's not overlook the untiring efforts of your elected representatives in the Congress. It has been a long and difficult road, but one that is and will be well worth all the effort.

The Bureau of Reclamation naturally has a very real and sincere interest in the development of this project since it will be through Reclamation facilities that water from the reservoir will be brought to lands of the Medford Division in the future.
I might add that the Bureau of Reclamation has had a long record of interest in water and land resource development in the Rogue River Basin. The record goes back to 1913 when Reclamation and the State of Oregon conducted joint studies of the Basin. Some 35 years later, about 1948, Reclamation made a basinwide study from which evolved the Talent Division, authorized by the Congress in 1954, and the rehabilitation of Savage Rapids Dam in 1955. The Talent Division was the Bureau's first real multipurpose project undertaken in this area. That project provides irrigation water to the valley, regulates streamflow for flood control, includes a unique 2,000-foot head hydroelectric powerplant at Green Springs, and several reservoirs in the mountains which in addition to water supply and streamflow regulation provide important benefits for recreation and fish and wildlife enhancement. For example, last year about three-quarters of a million visitor-days of recreation and fishing were logged at/several reservoirs associated with the Talent Division. Howard Prairie alone accounted for 372,000 visitor-days and little Agate Reservoir over 105,000. Undoubtedly, Lost Creek Reservoir and its associated Cole Rivers Hatchery will also prove to be outstanding multi-faceted assets for the entire area.

Even though considerable progress has been made in development of the water and land resources of the Rogue River Basin, a great potential remains. The Bureau of Reclamation has in various stages of completion several studies of additional development potentialities. The most advanced is the Merlin Division near Grants Pass. That project was authorized by the Congress in May of this year and will progress as rapidly as National budgetary considerations will permit.
construction is completed, the Merlin Division will irrigate some 9,000 acres and provide substantial benefits for recreation, flood control, and fish and wildlife enhancement.

Other Reclamation studies underway include the Applegate and Illinois Valley Divisions and the Evans Valley Division not far west from here. Like the Lost Creek Project, these, too, are needed for full development of the resources of the Rogue River Basin.

Again, may I, on behalf of the Bureau of Reclamation, express congratulations to you on the major accomplishment represented by this ceremony. We look forward to other such ceremonies marking the beginning of additional water projects in the continuing development of the beautiful Rogue River Basin all for the benefit of the people of this basin, of the State and the Nation.
DEDICATION PROGRAM
Chairman — Don McGregor, Director of the Rogue Basin Flood Control & Water Resources Association

10:00 a.m. — Music by "The Odds and Ends" from Eagle Point, Directed by Paul Harbison

Master of Ceremonies — Donel Lane, Chairman, of the Pacific Northwest River Basins Commission.

Color Guards —
Air Corps — Tech. Sgt. Howard Cromer
Army — Sgt. 1/c Edward Turner
Marine — Staff Sgt. Donald George
Navy — Chief Galen Tarter

National Anthem — Soloist, Mrs. Lenore Weller Leines
 Invocation — The Rev. William Leising, Pastor of Our Lady of Fatima Catholic Church, Shady Cove.

Speakers — The Honorable John R. Dellenback, U.S. Representative from the Fourth District of Oregon.

— Honorable E. D. "Debbs" Potts, President of Oregon Senate.
— Brigadier General Roy S. Kelley, Portland, North Pacific Division Engineer, Army Corps of Engineers.
— Colonel Paul D. Triem, Portland District Engineer, Corps of Engineers.
— Honorable George L. Hibbard, Chairman of the Oregon State Game Commission.

Groundbreaking—Lost Creek, Elk Creek, and Applegate Dams and the Cole M. Rivers Fish Hatchery Participating: Mrs. Carl Lambert and Mrs. Norman Holtz, daughters of the late Cole M. Rivers, Honoring Mrs. Marion Rivers, Mr. and Mrs. Claude Rivers and Mr. Morris Rivers.

Historical Presentation of the shovel to Miss Mary Hanley, Southern Oregon Historical Society.

Benediction — Mr. Everett Cade, minister of the Gold Hill Christian Church.

Announcements — Don McGregor

Barbecue — 12 Noon Casey State Park
Co-Chairmen Jack Hoffbuhr and Francis Krouse

Distinguished Guests
MR. JOHN AMACHER, State Game Commission
MR. DONALD BASGEN, Corps of Engineers
MR. SYDNEY BAZETT, State Representative, Josephine County
MR. OTTO BONNERT, Rogue River Valley Irrigation District
MR. J. G. CAMERON, Medford Irrigation District
MR. C. J. CAMPBELL, State Game Commission
MR. BILL COCHRAN, Historian for the Rogue Basin Project
MR. KEN COCHRAN, State Game Commission
MR. CHARLES COLLINS, Regional Dir., Izaak Walton League of America
MR. BILL COX, State Land Board
MR. GEORGE DECKER, Corps of Engineers
MR. LARRY ESPEY, Recreation Specialist, PPRL
BRIG. GEN. LOUIS FOOTE, Corps of Engineers, (Retired)
MR. OTTO FRONHOFER, Attorney, Medford
MR. FRED GUSTAFSON, State Water Board
MR. WILLIAM HAIK, State Game Commission
MR. ROSCOE HATCH, Civil Engineer
MR. HANLEY HEFFERNAN, State Soil and Water Conservation Board
MR. MAGE HEMAN, Corps of Engineers
MR. BOB HOLLOWAY, State Game Commission
MR. FRED C. INGRAM, Corps of Engineers, (Retired)
MR. GLEN L. JACKSON, State Highway Commissioner
MR. KENNETH JACKSON, Board of Commissioners, Josephine County
MR. CHRIS JENSEN, State Game Commission
MR. MALCOLM H. KARR, Kennewick, Wash.
MR. RODNEY KEATING, Commissioner, Jackson County
MR. HAROLD KIDBY, Corps of Engineers
COL. CHARLES KIRK, Izaak Walton League, Jackson County
MR. NEIL LEDWARD, Jackson County Parks
MR. JOHN MANGAN, Bureau of Reclamation
MR. DON MCDANIEL, Dir. State Game Commission
MR. EARL MILLER, Board of Commissioners, Jackson County
MR. HENRY PAGEMAN, Jr., Commissioner, Jackson County
MR. WILLIAM E. PITNEY, State Game Commission
MR. CHARLES O. PORTER, Former U.S. Representative
MR. ARCHIBALD PYE, State Water Resources Board
MR. EVAN RASMUSSEN, Talent Irrigation District
MR. DAVID A. ROSS, Corps of Engineers
MR. PHILIP SCHNEIDER, National Wildlife Federation
MR. DON SCHOFIELD, Bureau of Land Management
MR. HARVEY SEELEY, Rogue River National Forest
MR. JACK SIM, Josephine County Parks
MR. DON STATHOS, Representative, Jackson Co.
MR. W. H. STEWART, Corps of Engineers
MR. ERL TUBACH, Corps of Engineers
MR. JAMES VAUGHN, State Game Commission
MR. CHRIS WHEELER, State Engineer

COLE M. RIVERS FISH HATCHERY:
This hatchery will be one of the largest in the nation. It will produce salmon and steelhead for the river fishery and trout and kokanee salmon for reservoir fishing. The hatchery was designed by the Corps of Engineers in consultation with federal and state fishery agencies and will be constructed by the Corps of Engineers. Upon completion, it will be operated by the Oregon Game Commission.

COLE M. RIVERS (1921 to 1966): Lifetime student of the Rogue River, Oregon Game Commission fishery biologist assigned to the Rogue 1943-1964; conducted significant early research leading to the fishery enhancement aspects of the Rogue Basin Project.
## Rogue River Projects
### Pertinent Data

<table>
<thead>
<tr>
<th>Feature</th>
<th>Unit</th>
<th>Lost Creek</th>
<th>Elk Creek</th>
<th>Applegate River</th>
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<tbody>
<tr>
<td><strong>Stream</strong></td>
<td></td>
<td>Rogue River</td>
<td>Elk Creek</td>
<td>Applegate River</td>
</tr>
<tr>
<td>County, State</td>
<td></td>
<td>Jackson, Oregon</td>
<td>Jackson, Oregon</td>
<td>Jackson, Oregon</td>
</tr>
<tr>
<td>Dam location</td>
<td></td>
<td>Sec 26, 27 &amp; 34 T33S, R1E, WM</td>
<td>Sec 19, 20, 29 &amp; 30 T33S, R1E, WM</td>
<td>Sec 25 T40S, R4W, WM</td>
</tr>
<tr>
<td>River mile above mouth</td>
<td>mile</td>
<td>153.6</td>
<td>1.7</td>
<td>45.7</td>
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<tr>
<td>Drainage area</td>
<td>sq mi</td>
<td>674</td>
<td>132</td>
<td>223</td>
</tr>
<tr>
<td>Airline distance from Medford</td>
<td>mile</td>
<td>26.5 north</td>
<td>26.5 north</td>
<td>23.0 southeast</td>
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<tr>
<td>Airline distance from Portland</td>
<td>mile</td>
<td>205 south</td>
<td>205 south</td>
<td>255 south</td>
</tr>
<tr>
<td>Usable storage</td>
<td>acre-feet</td>
<td>315,000</td>
<td>95,000</td>
<td>75,000</td>
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<tr>
<td>Inactive storage</td>
<td>acre-feet</td>
<td>120,000</td>
<td>5,750</td>
<td>6,990</td>
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<tr>
<td>Dead storage</td>
<td>acre-feet</td>
<td>30,000</td>
<td>250</td>
<td>10</td>
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<tr>
<td>Total storage</td>
<td>acre-feet</td>
<td>465,000</td>
<td>101,000</td>
<td>82,000</td>
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<td>Elevation-maximum (full) pool</td>
<td>feet, msl</td>
<td>1,872</td>
<td>1,726</td>
<td>1,987</td>
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<tr>
<td>Elevation-minimum conservation pool</td>
<td>feet, msl</td>
<td>1,751</td>
<td>1,581</td>
<td>1,854</td>
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<tr>
<td>Area - maximum pool</td>
<td>acre</td>
<td>3,430</td>
<td>1,290</td>
<td>988</td>
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<tr>
<td>Area - minimum conservation pool</td>
<td>acre</td>
<td>1,820</td>
<td>200</td>
<td>205</td>
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<tr>
<td>Length - reservoir</td>
<td>mile</td>
<td>10</td>
<td>6.2</td>
<td>4.6</td>
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<tr>
<td>Elevation - top of dam</td>
<td>feet, msl</td>
<td>1,882</td>
<td>1,733</td>
<td>1,992</td>
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<tr>
<td>Length of dam</td>
<td>feet</td>
<td>3,600</td>
<td>2,685</td>
<td>1,200</td>
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<tr>
<td>Maximum height-riverbed to top of dam</td>
<td>feet</td>
<td>332</td>
<td>233</td>
<td>232</td>
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<tr>
<td>Embankment volume</td>
<td>cu yds</td>
<td>10,800,000</td>
<td>4,478,000</td>
<td>2,720,000</td>
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<tr>
<td>Concrete volume</td>
<td>cu yds</td>
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<td>34,000</td>
<td>55,000</td>
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<td>Spillway control gates (Tainter)</td>
<td>number</td>
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<td>2</td>
<td>2</td>
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<td>Spillway design discharge</td>
<td>c.f.s.</td>
<td>158,000</td>
<td>57,900</td>
<td>93,800</td>
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<td>Outlet works</td>
<td></td>
<td>Multiple-use intake tower, cut &amp; cover, conduit intake tower, and stilling basin outlet conduit</td>
<td></td>
<td></td>
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<tr>
<td>Outlet capacity at maximum &amp; full pool</td>
<td>c.f.s.</td>
<td>11,000</td>
<td>5,600</td>
<td>5,700</td>
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<tr>
<td>Outlet slide gates (oper &amp; emerg)</td>
<td>number (sets)</td>
<td>2</td>
<td>2</td>
<td>2</td>
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<tr>
<td>Outlet temperature control (various elevations)</td>
<td>Multiple level intake</td>
<td>None</td>
<td>Multiple level intake</td>
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<td>Power</td>
<td>KW</td>
<td>2 at 24,500</td>
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<td>None</td>
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<td>Project cost (estimate) (July 1969)</td>
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<td>$105,000,000</td>
<td>$27,200,000</td>
<td>$29,000,000</td>
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</table>

### Acknowledgements
- Robert Martin, Area Engineer, Corps of Engineers
- H. A. Andersen Company, Portland Contractor
- Farmers Packing Company
- Peggyann Hutchinson, Groundbreaking Historian
- Slate-Hall, Portland Contractor
- F. L. Somers, Medford Contractor
- U. S. Soil Conservation Service

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