

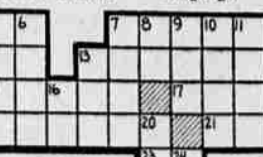
**Radio Comic**

- HORIZONTAL**
- 1,7 Depicted radio actor
  - 12 Peruser
  - 13 An is important to him
  - 14 Sprite
  - 15 Treat with nitric acid
  - 17 Pastry
  - 18 Writer to the signet (ab.)
  - 19 Harvesters
  - 21 Lord (ab.)
  - 22 Exist
  - 23 English version (ab.)
  - 25 Horse color
  - 27 Interpret
  - 30 Gaelic
  - 31 Levantine ketch
  - 32 Scoria
  - 33 He lived 905 years (Bib.)
  - 34 Tissue
  - 35 His wife's is Gracie
  - 36 Time deposit (ab.)
  - 37 Symbol for thallium
  - 38 Written form of Mister
  - 40 Eluders
  - 46 Thus
  - 48 Dine
  - 50 Fatuous
  - 51 Petty
  - 52 Extend
  - 54 Riddle
  - 56 Puffer
  - 57 Inclines
- VERTICAL**
- 1 Expanded
  - 2 Lampreys
  - 3 Blockhead
  - 4 Road (ab.)
  - 5 Biological entity
  - 6 Assam silkworm
  - 7 Malt beverage
  - 8 Abraham's home (Bib.)
  - 9 Tear
  - 10 Brad
  - 11 Winter vehicle
  - 12 Measure of area
  - 16 Township (ab.)
  - 19 Apostate
  - 20 Snakes
  - 22 Igneous rock
  - 24 Springlike
  - 25 Pause
  - 26 Shield bearing
  - 28 Destiny
  - 29 Relieve
  - 38 Disorder
  - 39 Transported
  - 41 Phial
  - 42 Too
  - 43 Ambar
  - 44 Conclusions
  - 45 Stagger
  - 46 Lateral part
  - 47 Individuals
  - 49 Town (Cornish)
  - 51 Point
  - 53 Babylonian deity
  - 55 International language

**Answer to Previous Puzzle**



1 2 3 4 5 6 7 8 9 10 11  
 12 13 14 15 16 17 18 19 20 21  
 22 23 24 25 26 27 28 29 30 31  
 32 33 34 35 36 37 38 39 40 41  
 42 43 44 45 46 47 48 49 50 51  
 52 53 54 55 56 57



32 Scoria  
 33 He lived 905 years (Bib.)  
 34 Tissue  
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 54 Riddle  
 56 Puffer  
 57 Inclines

**MODEST MAIDENS**



MY GOODNESS, YOU MUST BE ONE OF THOSE VISITING FIREMEN!

**FROM NINE TO FIVE** By Jo Fischer



It's my new Easter outfit. I just finished making the last payment on it.

**FUNNY BUSINESS** By Hershberger



"To keep the national income up, we're going to have to keep on spending—consequently, I am suggesting building a new bridge over the Mississippi, lengthwise!"

**BLONDIE** By Chic Young



**L'L ABNER** By Al Capp



**FRECKLES AND HIS FRIENDS** By Merrill Blosser



**ALLEY OOP** By V. T. HAMLIN



**Most Extensive Engineering Studies Now Underway In Automobile Industry**

By DAVID J. WILKIE  
 Associated Press Writer  
 Automotive Editor  
**FRENCH LICK, Ind.**—The auto industry has underway right now the most extensive engineering research program in its history. The research deals with everything from piston rings and upholstery to power output and automatic transmissions. Many millions of dollars have gone into the research now underway. Many more will be invested in the next few years. Extent of work the industry now is carrying on was disclosed in part during discussions at the annual summer meeting of the Society of Automotive Engineers here. The engineers talked about nearly every major item that goes into the modern automobile as well as many lesser components. New Combustion Process. Of more than ordinary significance perhaps was the disclosure of exhaust tests with a radically different combustion process for internal combustion engines. Sponsored by the Texas Co., the process is designed to greatly improve fuel mileage by cutting down ignition delay. Its proponents asserted the process would increase motoring mileage per gallon by about 30 percent, and utilize just about any kind of fuel. More efficiency and safety has been built into today's car than in any previous models. Efficiency of operation—and safety—probably are more than ever essential with increasing use of motor vehicles and the greater congestion on the nation's high-

ways. But the car makers are looking ahead not only to still greater use of motor transport, but to the day when competition really returns to the auto industry. When that time comes the company that can claim the greatest engineering advances and the most comfortable ride will get most of the new car customers. It is no secret, of course, that a major part of the huge investment in engineering research is going into further development of automobile engines, automatic transmissions and the mileage possibilities of motor fuels. Part of Task. All these efforts have been part of the engineers' task for years. The efforts have been intensified since the war as the cost of the automobile and operating costs have moved steadily forward. The industry has been turning out pretty good engines but the engineers know they can improve them. The automatic transmissions are doing a good job, but every engineer having anything to do with them knows they can be bettered. And as for fuel, more than two-thirds of the mileage possibilities of a gallon of gasoline still goes out the exhaust pipe. Petroleum experts describe their work in seeking great fuel economy as an effort not only to get more miles per gallon, but "more gallons to the barrel of crude oil." As far as the automatic transmission is concerned there is a growing impression that the ideal device is going to be a combination of the actual automatic gear shifter as exemplified in the Hydra-Matic transmission and the torque converter principle common to all the new types introduced since the war.

**Business Directory**

**HOUSE MOVING**  
 House raising, moving, 305 E. 2nd Ave. S. Ph. 1198-L.

**RADIO SERVICE**  
 Hansen's Radio Service, Sutherland. Radio Doctors, Phone 491-J. Free pickup and delivery.

**PLUMBING**  
 Joe M. Johnson, plumbing and repair, 426 W. Douglas St. Ph. 389-J.  
 Ace Plumbing Co., 915 Garden Valley Rd. Bus. phone 530-R-5. Res. phone 149-R-3.  
 Kier-Crooch Plumbing Co. 316 Mill, Phon. 1242-R.  
 Harris Plumbing & Heating Co., 805 South Stephens, Ph. 1280.  
 Coen Supply Co. Phone 121.  
 Terp's Plumbing, Phone 1579.

**HEATING**  
 R. Ritzman Heating Co., hot water and steam, oil burners, 1703 Brown, Phone 1066-J.

**WASHING MACHINE SERVICE**  
 Washing Machine Service, Rusty's Appliance Repair, 510 N. Jackson, Ph. 1003-R.  
 J. E. Newberry's Washing Machine Service, 102 W. Commercial Avenue, Phone 1015-R.

**ELECTRICIANS**  
 Acu Electric, Phone 1478-L.  
 DuFresne Electric, Ph. 104.

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 F. & W. Floor Covering, 327 S. Stephens, Phone 1478-R.  
 Philip M. Durnam, Floor Covering, 566 W. Oak, Phone 1336-J.  
 Floors Laid, Sanded and Finished, Don Carlson, Ph. 102-R-3.  
 Floors Sanded and Finished, Leslie Platt, Ph. 1573-R.

**FIRE EXTINGUISHER SERVICE**  
 Fire Equipment Co., 220 N. Main, Glenn H. Taylor, Ph. 1433-R.

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 Dragline—Inchhoe—Crane  
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 Dug.  
 Rental or Contract  
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 P. O. Box 952  
 Office—East 2nd Ave. South  
 Phone 13-6-J  
 Residence—Phone 930-R-2

**Tool Rentals**  
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 Byron Powell

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**OF ROSEBURG**  
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 Phone 450-J  
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 SALES & SERVICE  
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**JACK PRESTON**  
 504 S. Stephens Ph. 626-Y

**Carl P. Tallon**  
**Excavating Contractor**  
 Shale rock for immediate delivery.  
 Shovel, Trucks, Bulldozer, Patrol Blade, Back Hoe, For Hire.  
 Roads built and rocked by hour or contract.  
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