

**World's Largest Tunnel**  
PERCES THIRTEEN MILES OF SOLID ROCK.

(By G. B. SEYBOLD.)

After nearly two years of continuous work, day and night, tunnel excavators recently broke through the last thin barrier separating them, and completed the Florence Lake tunnel, the longest one of its kind in the world. Cut through solid granite, high in the Sierrano and 75 miles north-west of Fresno, this immense tube connects the waters of two lakes to create an enormous source of water power for California. The project is 13 miles long, more than a mile longer than the famous Stimpson Tunnel in the Swiss Alps, and was built by the California Edison Company at a cost of \$17,000,000.

When all the contributory reservoirs are finished, it will mean the addition of 1-4 billion kilowatt hours of electrical energy to the resources of the state.

Huntington Lake and Florence Lake are the two water sources joined by the tunnel. The former was created 11 years ago by damming a tributary of the San Joaquin River 7,000 feet above sea level. Two power houses along its waters were built at that time. Due to the rapid growth of Los Angeles and its surrounding communities, more power was needed. Engineers, therefore, decided to improve the storage in Huntington Lake by creating another reservoir to the north, known as Florence Lake. By so doing, an enormous water-shed supplying another fork of the San Joaquin River is diverted into Huntington Lake and used through the existing power houses, and through two additional power houses just completed.

The greatest difficulty in connecting the two lakes was Kaiser Crest, a mountain ridge 10,000 feet high and 1/2 mile thick that rose between them. This meant constructing a tunnel 15 feet across and more than 13 miles long.

The contour of the mountains made it possible to drill in two entrances from side canyons, and so divide the tunnel into three sections. In this way six crews could work at a time, one at each terminal of the tunnel, and two drilling in opposite directions from each canyon entrance. The drills were propelled by pneumatic pressure machines driven electrically. Important improvements in making explosives, which increased their force and reduced their gases, made possible enormous savings of time of men in returning to their work after each blast.

New records were made in the displacement of rock. At the beginning of the job 12 feet was considered a good progress. Towards the end, records as high as 32 feet were made. The head crew worked at the rate of one foot an hour through solid granite.

For hauling materials, building camps, making roadways, laying tracks, and providing food, added to those who did the actual drilling, 2,000 men were employed. The country carries a heavy mantle of snow throughout the winter and the mountain range in which the tunnel is bored is practically impassable from November to April. An Alaskan dog team and driver were imported from the Klondike to transport mail and emergency supplies over the ridge in winter. Radio helped greatly to keep the men contacted, called as they were behind gigantic snowdrifts. Radio was used, also, to direct the operations in the tunnel.

The amazing accuracy of tunnel engineers' calculations was demonstrated when the first sector of the Florence Lake Tunnel was finished. Then, when two crews working from opposite directions met, the variation in the center line of the tunnel was found to be only .006 of an inch!

**ARE YOU A MASON?**

By request, Monday night only, at the Casino. may 13, 14

**Women Are Blamed**

LONDON, Eng., May 1.—(Canadian Press)—An eminent surgeon has been denouncing the "abominable cooking of the Englishwomen" and the general unattractiveness of the middle-class table. Few people will disagree with him, the Mirror says editorially. Baste-burgis cooking is lamentable. But is it not rather a question of sex? Women are notoriously uninterested in food. They will eat "just anything," an egg and some cakes! The finer shades of cuisine leave them uninterested. So can we wonder if they are indifferent to the preparation of food? It is men who appreciate good cooking and men who make the best cooks. Possibly the quickest way of teaching our young women to cook properly would be to teach them to enjoy good food—not "just anything." Could not those responsible advocate this treatment? If so, maybe our womenfolk would go to their kitchens with a greater zest, and more men would share the benefits.



**Viewed From Every Angle - BAIRD'S Week-End Values - EXCEL.**

THE charm of the new things and new low prices, is lent added zest by glorious Spring weather. The setting aside of winter togs is universal, and the demand for lighter apparel is widespread. The serviceableness of this Store at the moment is immeasurably increased by reason of its completeness in all things pertaining to Spring, and combined with a moderation in pricing for which it is famous, presents the following for your approval for the week-end:—

The following are Helpful Hints in procuring those things incidental to the New Season—Visit the Store.

**FRIDAY, SAT. & MONDAY**

**BRIGHTEN UP! That's the impelling spirit, Springtime--We know it, realize it, and we can help you immensely.**

**Excellent Values Await at Our GLOVE COUNTER**

- Silk Gloves.** Ladies' wrist length Silk Gloves, in shades of Beaver, Grey, Navy, Brown, White and Black; assorted sizes. Regular \$1.25. Friday, Saturday and Monday **\$1.10**
- Lisle Gloves.** Ladies' elbow length White Lisle Gloves; sizes 6 1/2 to 7 1/2. Friday, Saturday and Monday **89c.**
- Lisle Gloves.** Elbow length Lisle Gloves, in pretty shades—Pastel, Mauve, Grey and White, beautiful new gloves for Spring wear. Friday, Saturday and Monday **65c.**
- Children's Gloves.** White Lisle Gloves, elbow length; sizes 3 to 6. Friday, Saturday and Monday **55c.**
- Children's Gloves.** Elbow length White Silk Gloves for girls, beautiful quality. Consider them. Friday, Saturday and Monday **\$1.08**
- Ladies' Gloves.** Elbow length White Silk Gloves, in double weight silk; shades of Beaver, Fawn, Brown, Grey and Black. Reg. \$2.50. Friday, Saturday and Monday **\$2.29**

**Everything Helpful for Spring Renewing.**

- STAIR RODS**—27 inch nickel plated Stair Rods, turned ends, complete with fittings. Friday, Saturday & Monday **17c.**
- SPLASHERS**—Imitation Japanese Straw Splashes; they save your natural straw designs on natural straw shades. Each **19c.** Saturday and Monday **19c.**
- CURTAIN RODS**—48 inch fitted White Enamel Curtain Rods, with all White fit fittings, complete **19c.**
- LIGHT SHADES**—Quite an assortment of plain and art patterned electric light shades, assorted shapes. **19c.**
- TOWEL RACKS**—With 24 inch clear glass rod for holding towel, nickel fittings; each **39c.**
- COAT HANGERS**—A combination Set, can be put up anywhere, holds 4 hangers; takes them to the country or where a travelling. **19c.** Saturday and Monday **19c.**
- Football Boots.** MEN'S—In regulation make, Light Tan, with studded soles and heels; strap across toes, for reinforcement. **\$4.15** sizes 7 to 10. Special **\$3.45**
- BOYS' FOOTBALL BOOTS.** Built same as the Seniors, Light Tan make, studded soles and heels; sizes 3, 4, & 5. Special **\$3.45**

**SHIRT VALUES!**

**And Accessories for Men and Boys Contribute Splendidly This Week.**

- MEN'S SOCKS**—Our Men's Lustrous Wool Socks bring you a delightful Spring weight, in shades of mixed Greys, Fawn and White, Log Cabin, etc. Special **85c.**
- MEN'S SHIRTS**—A very fine range of Men's Negligee Shirts in pretty pencil stripes, cluster stripes and cross Checks, etc. French cuffs; all sizes up to 18. **\$1.70** Special **\$1.50**
- WORKING SHIRTS**—100 dozen of Men's Working Shirts, in great strong wearing materials, light, medium and dark patterns. Collar attached. Our **\$1.65** Special **35c.**
- SPORT BOWS**—Snappy little bows in assorted silk mixtures, elastic band fastening. Each **15c.**
- FRENCH NECKWEAR**—Beauties in rich looking silk patterns, long flowing ends to sport vestless **\$1.25** less days. This line **45c.**
- MEN'S BROGUES**—Dark Tan Brogues, with perforated outline, and equipped with crepe rubber soles. **\$7.85** light weight and very comfortable. Special **\$7.35**
- GARTERS**—The Sporting Garter, fitted with border elastic, feel comfortable, nickel mountings. **45c.** The Pair **85c.**
- COMBINATIONS**—Lighter weight Combinations and they are of delightful quality, long sleeved and ankle length. Special the suit **\$3.35**
- SPORT SHIRTS**—Boys' Sport Shirts, in assorted stripes good looking patterns, short sleeves. **\$1.10**
- BOYS' SHIRTS**—Full bodied Shirts in a good washing material, assorted striped patterns. Reg. **98c.** value **\$1.30.** Special **98c.**

**BASKETS! BASKETS!**

Extra strong Shopping Baskets, in 6 convenient sizes, double handle; nice for picnic time, outings, and general service. Pick the size you like best.

**19c, 25c, 35c, 45c, 55c, 65c**



**NEW THINGS to make the Home SPRING-LIKE! HEARTH RUGS.**

- Hearth Rugs.** Novelty Hearth Rugs, in a wide range of nice looking patterns; fringed ends; just in a good buy **\$1.95**
- Dyed Hearth Rugs.** These come in a nice full size, showing up well in bright looking patterns. Just what you need for Summer use. Our Special **\$1.35**
- Door Mats.** Just to hand another shipment of beautifully patterned Axminster door mats, suitable for parlor, bedroom or Hallways; fringed, nice heavy weight mats. **\$1.29** Friday, Saturday and Monday
- Vestibule Mats.** Large size open work plaited Coconut Mats, plain centres, with fancy coloured border, durable and easily procurable. Friday, Saturday and Monday **\$1.79**
- Table Cloths.** A special lot of White Damask Table Cloths, 58 x 79, with hemstitched ends. Regular \$3.50. Friday, Saturday and Monday **\$3.58**
- Bureau Scarves.** 54 inch White Linen Scarves, finished with lace edge, and embroidered centre. Regular 60c. Friday, Saturday and Monday **54c.**
- Cosy Pads.** A couple of dozen of Coloured Cotton Cosy Covers, in Mauve, Pink, Rose, Blue, Green and Gold. Reg. \$1.00. Friday, Saturday and Monday **85c.**
- Cushions.** Extra large and plump Cushions, square shape; others in circular in a variety of pretty art coverings; just in and offer excellent value. Friday, Saturday and Monday **\$2.25**
- Waterproof Motor Rugs** Just what you need for your car—rubber cloth on one side and cut plush lining on the other, a practical motor rug. Reg. \$10.50. Friday, Saturday & Monday **\$9.98**

**SHOWROOM!**

- Rompers and Play Overalls.** A great Snap for mothers; the above in good Wash Linens and Check Gingham, in assorted mixtures, roll collar, pocket and belt, long sleeves; sizes to fit 2 to 6 years. Be on hand for these early. Regular \$1.10. Friday, Saturday and Monday **45c.**
- Middy Ties.** In Navy and Cardinal Merino Silk, tri-corner shape; improve your Middy Waist. Regular 85c. Friday, Saturday & Monday **69c.**
- "Chic" Kerchiefs.** In fine Cambric, quite an assortment of shades; very dainty; hemstitched borders. Special, each **16c.**
- Nightgowns.** A special lot of fine White Muslin Nightgowns, round and V necks, long and short sleeves, trimmed with embroidery, lace and ribbons. Reg. \$1.75. Special **\$1.57**
- Waists and Garters.** Dr. Parker's Combination Waist and Garter in heavy White Jean, very suitable for growing girls or boys; sizes to fit 2 to 14 years. Regular 80c. Friday, Saturday & Monday **49c.**
- Ladies' Combinations.** Pink Silk and Cotton Jersey Combinations; sizes 36 to 44, opera tops of all Silk Jersey; silk straps, nice, medium weight; sizes to fit 44. Reg. \$8.00 Suit. Special **\$2.75**
- Pantle Dresses.** For little girls from 2 to 6 years; cute little style in good Wash Gingham, in Saxe, Crimson and Green and White Checks; short sleeves, round neck, embroidered monogram; pants to match. Regular \$1.10. Friday, Saturday and Monday **95c.**
- Slip-On Jerseys.** Children's Wool Slip-Ons, in becoming Heather mixtures; to fit 7 years; V neck, long sleeves and pockets. Just for Friday, Saturday and Monday **\$1.79**
- Beaded Bags.** The Vogue in Bags—pretty beaded ones, in Saxe, Royal, Green, Bronze, Brown and Black; lined and finished with beaded tassels. Reg. \$1.90. Friday, Saturday & Monday **\$1.69**
- Muslin Jumpers.** Pretty White Muslin Jumpers, with roll collar, Peter Pan collar and long sleeves, embroidery and lace trimmed; banded bottom; sizes 36 to 44. Regular \$1.00. Friday, Saturday and Monday **\$1.75**
- GEORGETTES.** 370 Regulars for **2.59**
- Handsome Georgettes go on sale, 36 inches wide; shades of Moss Green, Brown, Mole and Prune; only reason for scribbling them—shades are getting depleted. Reg. \$2.70 yard. Friday, Saturday and Monday **\$1.57**

**Incidentals**

- GLASS TOWELS**—18 x 27 size, in strong linen Crash, Crimson border, hemmed, good quality. Friday, Saturday and Monday **32c.**
- CUSHION CORDS**—Best quality cable twist Silk Cushion Cords, 2 1/2 yards long, in shades of Cardinal, Rose, Saxe, Green, Gold, Biscuit and Brown, Tassel ends. Reg. \$1.20. Friday, Saturday and Monday **\$1.08**
- TABLE NAPKINS**—Full size 20 x 20, hemmed, in good grade English Damasks, assorted patterns. Reg. 65c. Friday, Saturday and Monday each **54c.**
- "BESCO" MOPS**—Make ideal dusters, long handle, easy to use, last for years, a household necessity. Friday, Saturday and Monday each **58c.**
- "BESCO" MOPS**—Long handled like broom, has a hundred and one uses, can be taken apart and washed and made like new, lasts for years. Reg. \$1.60. Friday, Saturday and Monday **\$1.45**
- MOTOR RUGS**—These are most serviceable Rugs, reversible, showing coloured checks and bars, bound with gimp, inexpensive rugs for motor carriages or travelling. Special **\$3.79**



**WASH GOODS**

- Dress Voiles.** Several pieces of Normandy Dress Voiles, 36 inches wide, Navy and Black grounds, figured White patterns. Regular 65c. yard. Just for Friday, Saturday and Monday **59c.**
- Ginghams.** Cross-barred Gingham, 36 inches wide, assorted Pink, Blue and Brown with white cross-bars, the quality is splendid. Regular 40c. yard. Friday, Saturday and Monday **35c.**
- Pique.** 27 inch soft White Pique, finer than usual, nice for shirts, trimmings and facings, etc. The **47c.**
- Brown Hollands.** 30 inch Brown Holland, good firm cloth; its serviceableness is well known. Friday, Saturday and Monday, the yard **53c.**

**SHIRTINGS**

600 yards of White Shirtings go on sale just for Friday, Saturday and Monday. The yard **20c.**

