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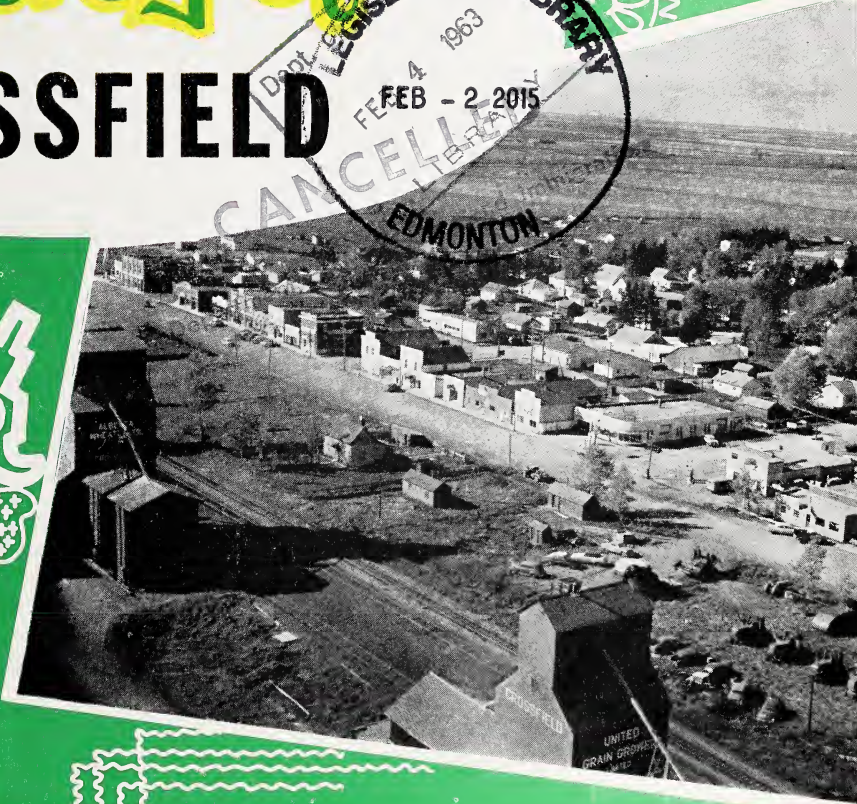
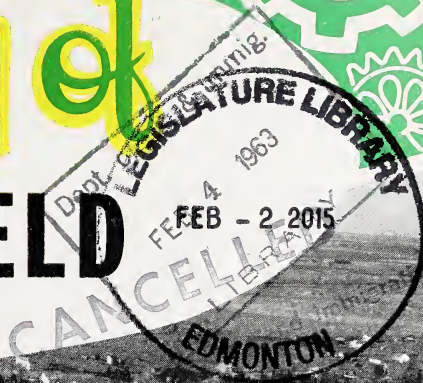


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# Survey of


# CROSSFIELD



*Prepared By*

INDUSTRIAL DEVELOPMENT BRANCH  
DEPARTMENT OF INDUSTRY & DEVELOPMENT

Government of the Province of Alberta



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# Village of Crossfield

(Revised August, 1962)

## 1. LOCATION

Section 26-28-1-W5 in Census Division No. 6. Crossfield is 30 miles north of Calgary on the Calgary-Edmonton line of the Canadian Pacific Railway and on Highway No. 2.

## 2. ALTITUDE

3,634 feet      Latitude - 51/26      Longitude - 114/02

## 3. TEMPERATURE

Average summer - 59.5° F.

Average winter - 17.3° F.

Average annual - 39° F.

## 4. RAINFALL

Average annual rainfall - 11.77 inches.

Average annual snowfall - 57 inches.

Average annual precipitation - 17.47 inches.

(Note - Section 3 and 4 taken from the weather station at Calgary.)

## 5. GEOLOGY

The underlying rocks in the Crossfield district are shales and sandstones which were deposited by streams in lakes and deltas. They were thus fresh-water in origin and are several hundred feet thick in that area. The rocks are grouped together by geologists who call them the Paskapoo formation and who give them an early Tertiary Age, which began some fifty million years ago. Since these rocks were deposited, the North American Continent has been uplifted, and consequently the rocks have eroded and only a fraction of their original thickness remains.

## 6. SOIL

Crossfield is in the thin black soil zone.

### Vegetation

Grassland in which bluffs of trees are found in places where moisture conditions are more favorable.

### Soil Profile

The average upper soil is 3 to 6 inches in depth and is black in color. The remainder is usually dark brown. The lime horizon is generally found

at depths of 24 to 30 inches below the surface. Generally the depth to the lime layer is considered as indicative of the efficiency of rain penetration.

### **Fertility**

Soils in this zone are usually fairly well supplied with nitrogen and organic matter. In any zone, exhaustive cropping depletes the soil's native food supply and fibre. A permanent system of cropping provides for the adequate replacement of depleted plant foods and the maintenance of organic matter.

### **Land Use**

Wheat is the principal crop grown, but considerably more diversification is possible and should be practised to maintain soil fertility. The non-arable land is generally very good pasture.

## **7. HISTORY**

Crossfield was named after the Chief Surveyor of the Canadian Pacific Railway.

When the section of the railroad from Calgary to Crossfield was completed in 1890, a large number of settlers arrived from eastern Canada and the central part of the United States and by the spring of 1903 all available land was taken up.



**The compact business section of Crossfield is modern, tidy**

In 1903 a railroad station was built to replace a railway box car that had been used for a station since 1890. The Canadian Bank of Commerce (Canadian Imperial Bank of Commerce) opened a branch in 1905. Crossfield was incorporated as a village on September 14, 1907. By 1910 the main street extended for three blocks and in 1924 the centre block was gutted by fire, but was rebuilt soon after.

Electricity was installed in 1928. Water and sewer were connected in 1953 and natural gas in 1956.

## **8. LIVING CONDITIONS**

Crossfield is located on the highest ground between Calgary and Edmonton. Ideal climatic conditions prevail with hot summer days and cool evenings. Winter conditions are similar to those of Calgary as Crossfield is in the Chinook Belt.

Excellent facilities are provided for both summer and winter sports. The community hall is the village social centre.

## **9. ADMINISTRATION**

The village is governed by a mayor selected from the council for a one-year term and two councillors, one elected each year for a three-year term. The secretary-treasurer administers the affairs according to the policy set by the council.

## **10. LAW ENFORCEMENT**

The village, rural area and highway is policed by the R.C.M.P. The detachment consists of a corporal and four constables.

Building Regulations - Plans for new buildings, alterations to buildings or removal of buildings must be approved by council after which a permit is issued.

Electrical installations must comply with the Alberta Electrical Protection Act.

Sanitary installations must comply with Provincial Health Regulations.

Gas installations must comply with the Alberta Gas Protection Act.

## **11. FIRE PROTECTION**

The fire brigade consists of a fire chief and 15 volunteer firemen.

Equipment - One 1949 - 250 GPM pumper with 700 gallon water tank, one 1927 hose tender with 350 gallon tank, 2 portable pumps, 600 feet of 2½ inch hose, 400 feet of 1½ inch hose, one 24 foot ladder, fire extinguishers, gas masks, axes, crowbars, coats, boots, etc.

Water Supply - Water is obtained from local wells and from surface water runoff which is piped two miles into a 50,000 gallon reservoir. There are nine fire hydrants conveniently located throughout the village.

## 12. TAX STRUCTURE

	<b>1962 Net Assessment</b>
Land, 100% of value	\$ 58,020
Improvements, 100% of fair value	513,870
Total Assessment	<u>\$571,890</u>

	<b>Municipal</b>	<b>School</b>	<b>Hospital</b>	<b>Total</b>
Mill Rate	37	30	3	70 mills

## 13. AREAS

Total area of village -230 acres.  
Streets, roads and lanes - 16.78 acres.  
Parks and playgrounds - 4.22 acres.  
Miles of Streets, Roads and Lanes -

	<b>Paved</b>	<b>Gravel</b>	<b>Improved Earth</b>	<b>Total</b>
Provincial Main	.5			.5
Street and Lanes		3	4	7
			<u>Total Miles</u>	<u>7.5</u>

There are approximately 2.5 miles of concrete sidewalk.

## 14. SEWER AND WATER MAIN MILEAGE

Storm Sewers - nil  
Sanitary sewers - 2.5  
Water mains - 4

## 15. POWER

Three phase 60 cycle power is supplied to the village under a franchise by Calgary Power Limited.

### Domestic Rates

Available for single phase lighting, heating, cooking, domestic power and other ordinary use in private houses and individual apartments or flats supplied through a single meter.

First 20 KWH or less used per month - \$2.70 gross minimum, subject to 30c prompt payment discount, making a \$2.40 net minimum.

All over 20 KWH used per month - 1.5c per KWH.

Discount - As shown, applies on any bill paid within 10 days of date rendered.

Connection charge - \$1.00

Reconnection charge - Twice the net minimum charge.

### **Commercial and General Service Rates**

Available for all purposes where other rates listed do not apply.

First KW of connected load, including consumption up to 20 KWH per month - \$2.40 net.

Each additional  $\frac{1}{2}$  KW of connected load, including 5 KWH per month - 50c net.

Next 100 KWH per KW connected - 6c per KWH.

All additional KWH per KW connected - 2c per KWH.

Discount - Above charges are net. For billing purposes the net bill is increased by approximately 10% (but not less than 30c) in order to arrive at the gross amounts. Bills are payable net within 10 days of date rendered.

### **Power Rates**

Service charge - Per KVA of installation (monthly charge) - \$1.00.

One motor horsepower or one kilowatt in heating apparatus considered equal to one kilovolt-ampere (KVA).

Energy charge - First 50 KWH per month per KVA installation - 5c per KWH.

Next 50 KWH per month per KVA of installation - 3c per KWH.



Residential areas are well laid out, with modern homes

All over 100 KWH per month per KVA of installation - 1½¢ per KWH.

Discount - 10% within 10 days, based on dollars of total bill with a minimum discount of 30c per month.

Minimum charge - \$3.30 gross; \$3.00 net; or the amount of the service charge, whichever is greater.

Consumer's deposit - \$2.00 per KVA of installation and not less than \$6.00, or at the company's option, twice the estimated bill.

Reconnection charge - \$6.00.

## 16. WATER

Water is obtained from local wells. A large storage reservoir was built to store the surface runoff. This water is pumped through a treatment plant and then into a 50,000 gallon concrete reservoir. From the reservoir the water enters the distribution system.

Rates - First 2,500 gallons or less used per month - \$4.50.

Each additional 1,000 gallons used per month - \$5.00.

A special levy is made during the period when the water supply is brought up to maximum.

<b>Water Analysis</b>	<b>Parts Per Million</b>
Total Solids	402
Ignition Loss	122
Hardness	230
Sulphates	nil
Chlorides	14
Alkalinity	356
Nature of Alkalinity - Bicarbonate of Calcium, Magnesium and Soda	
Nitrites	nil
Nitrates	3.3
Iron	1

Remarks - This is hard water, 17.5 grains per gallon. There is a small amount of sodium carbonate and a considerable amount of iron sediment. Chemically this water is suitable.

## 17. GAS

Natural gas is supplied to the village under a franchise by Canadian Western Natural Gas Company Limited.

### Rate No.1 - General

Available to all customers.

First 2 MCF or less used per month - \$3.00.

All additional MCF used per month - 51c per MCF.



Minimum monthly charge - \$3.00.

When accounts are not paid on or before the due date, the charge per MCF other than the first 2 MCF shall be increased by 4c and the gross rate so arrived at shall apply.

**Rate No. 2 - Optional**

- a. Available to all customers whose annual consumption is more than 2,830 MCF.

Fixed charge - \$35.00 per month.

Plus commodity charge - 37c per MCF.

Minimum monthly charge - \$35.00.

When accounts are not paid on or before the due date, the charge per MCF shall be increased by 3c and the gross rate so arrived at shall apply.

- b. Available to all customers whose annual consumption is more than 159,000 MCF.

Fixed charge - \$300.00 per month.

Plus commodity charge - 35c per MCF.

Minimum monthly charge - \$300.00.

General Conditions - Rate 2 schedules are available only on annual contract, which shall continue from year to year thereafter until either party shall give to the other party, at least thirty days prior to the expiration of any such year, a written notice of desire to terminate same, whereupon at the expiration of such year, it shall cease and determine.

**18. L. P. GAS**

Heat value - 2,521 b.t.u. per cu. ft. at 60° F.

100 lb. cylinders - \$6.00.

Bulk - 17½c per gallon.

There is a bulk storage tank in the village.

**19. DIESEL FUEL**

Heat value - 135,000 to 140,000 b.t.u. per gallon at 60° F.

Domestic fuel - 15.9c per gallon.

Storage capacity - 10,000 gallons.

**20. COAL**

None used in the village.

**21. RESOURCES**

Wheat and coarse grains, horses, cattle, sheep, hogs, poultry products, dairy products, straw, sand and gravel, gas and oil.

## 22. GOVERNMENT OFFICES AND SERVICES

Federal - Post Office.

Provincial - ni.

Municipal - Town Hall housing Council Chamber, Secretary-Treasurer, Fire Hall.

## 23. HEALTH SERVICES

There is no hospital in the village.

Facilities - Two doctors, one drug store.

Crossfield is a member of the Mountain View Health Unit No. 7. The unit is staffed by a doctor, two nurses, stenographer-technician and sanitary inspector who call monthly inspecting pre-school and school children.

## 24. PROFESSIONAL AND SKILLED SERVICES

(Excluding health services)

Type of Service	No. of Establishments
Public Accountant	1
Barber	1
Beauty Parlors	2



Crossfield churches are well attended

**25. TRANSPORTATION**

Canadian Pacific Railway - three trains daily each way between Calgary and Edmonton via Crossfield.

Greyhound Bus Line - six buses daily between Calgary and Edmonton.

Local truck - daily service to Calgary.

**26. NEWSPAPERS**

Crossfield news is included in the Rocky View News which is printed in Calgary.

**27. COMMUNICATIONS**

Alberta Government Telephones, Canadian Pacific Telegraphs, Post Office.

Nearest Radio Station at Calgary - CFAC, CFCN, CKXL, CHFM-FM.

Nearest Television Stations at Calgary - CFCN-TV, CHCT-TV.

**28. FINANCIAL FACILITIES**

The Canadian Imperial Bank of Commerce.

**29. HOTELS**

	No. of Rooms	Rates	Beer License
Oliver Hotel	20	\$2.50 up	yes

**30. TOURIST CAMPS**

One Motel - not graded.

Trailer Park.

Crossfield Trailer Park - water, sewer and lights.

Alberta Government Park - 6 miles north on Highway No. 2.

**31. CHURCHES**

Anglican, Baptist, Roman Catholic, United.

**32. LODGES AND SERVICE CLUBS**

Masonic, Order of the Eastern Star, I.O.O.F., Rebekah, Elks, Royal Purple, Canadian Legion, Women's Institute, Men's Sport Club.

**33. SOCIETIES AND ASSOCIATIONS**

Red Cross Society, Fish and Game Association, United Farm Women's Association, Memorial Recreation Society, Old Timers' Association.

#### 34. EDUCATION

The Crossfield School District No. 752 is a unit of the Calgary School Division No. 41. Grades 1 to 12 are taught along with the following optional subjects: Drama, Art, Music.

The school population is made up as follows:

	<b>Grades</b>	<b>No. of Teachers</b>	<b>No. of Pupils</b>
Elementary	1 - 6	6	176
Junior High	7 - 9	3	57
High	10 - 12	2	35

#### 35. THEATRES AND HALLS

	<b>Capacity</b>	<b>Stage</b>	<b>Piano</b>
Community Hall	300	yes	yes
Masonic Hall	100	no	yes
Legion Hall	50	no	yes

#### 36. CULTURAL ACTIVITIES

A Librarian is in charge of the Crossfield Regional Library. The Library is open every Tuesday, Thursday and Saturday. There are approximately 1,000 volumes in the Library.

Other Activities - Art Club, Dramatic Club, Junior Choir, Square Dancing. Two music teachers call weekly giving instructions in piano and violin.



Educational needs of community and district are met in modern schools

### 37. YOUTH ACTIVITIES

Boys - Scouts, Trail Rangers, Calf Club.  
 Girls - C.G.I.T., Explorers, Calf Club.

### 38. SPORTS

Baseball (senior and junior), basketball, football, softball, hockey, curling.  
 Facilities - Open air hockey and skating rink, covered curling rink (three sheets artificial ice), half mile racetrack, baseball diamond, school grounds, fair grounds.

### 39. FAIRS

Nil.

### 40. HISTORIC SITES

Nil.

### 41. CO-OPERATIVES

Crossfield Co-operative Department Store, Alberta Wheat Pool, United Grain Growers, Mutual Telephone Exchange.

### 42. INDUSTRY AND BUSINESS

Type of Industry or Business	No. of Establishments	Producer or Manufacturer	Wholesale	Retail	Type of Industry or Business	No. of Establishments	Producer or Manufacturer	Wholesale	Retail
Accountant	1	—	—	—	Grain Elevators	5	—	—	—
Auto Body Repairs	1	—	—	1	Total Cap. 500,000 bushels)				
Bank	1	—	—	—	Groceries	4	—	—	4
Barber	1	—	—	—	Hardware Stores	2	—	—	2
Beauty Parlors	2	—	—	—	Hotels	1	—	—	—
Butchers	2	—	—	2	Implements (farm)	5	—	—	5
Building Contractor	1	—	—	—	Insurance and Real Estate	1	—	—	—
Cartage Delivery	1	—	—	—	Laundry (dry cleaning agency)	1	—	—	—
Clothing (men's)	1	—	—	1	Lumber Yards	1	—	1	1
Clothing (women's and children's)	(See	General Store			Machine Shops	1	1	1	1
Coal Dealer	1	—	1	1	Milk Distributors	1	—	1	1
Cold Storage Locker	1	—	—	1	Oil Distributors	3	—	3	—
Doctors	2	—	—	—	Painter & Decorator	1	—	—	—
Drug Stores	1	—	—	1	Propane Gas Agency	1	—	1	1
Electrical Appliances	2	—	—	2	Plumbers	2	2	—	2
Electrical Repairs	1	—	—	—	Pool Room	1	—	—	—
Electrical Contractor	1	—	—	—	Radio & TV Repairs	2	2	—	2
Garages and Service Stations	4	—	—	4	Restaurants	2	—	—	—
General Store	1	—	—	1	Welding	4	4	—	4

#### **43. SITES**

A new subdivision has just been completed and excellent industrial or residential sites can be purchased from the village or private owners.

#### **44. INDUSTRIAL DEVELOPMENT**

Crossfield is the centre of a prosperous farming area. The average farm exceeds one section and forty per cent of the farms consist of more than 760 acres. Seventy-five per cent of the occupied land is owned by the operator.

The area east of the town is devoted largely to grain production, particularly wheat, with cattle a major secondary enterprise. West of the town, cattle equal grain as a source of cash income and hogs are raised. Minor enterprises, dairying, poultry, etc., provide perhaps 15 per cent of total cash income.

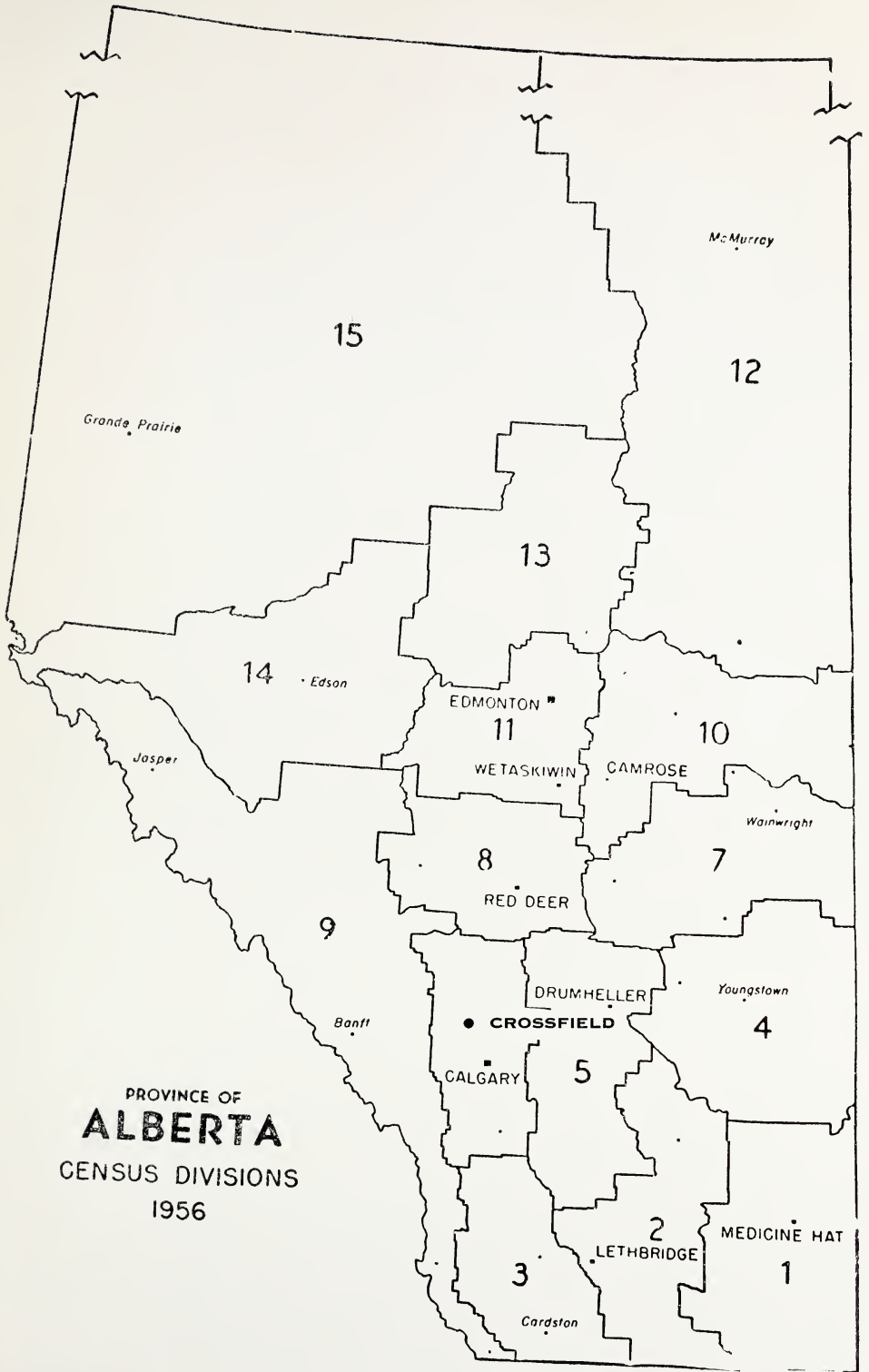
#### **45. TRADING AREA**

North, 4 miles; West, 12 miles; South, 4 miles; East, 10 miles.

#### **46. POPULATION**

Trading area population, 1961 Dominion Census - 3,145.

Village population, 1961 Dominion Census - 590.



PROVINCE OF  
**ALBERTA**  
 CENSUS DIVISIONS  
 1956

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