

**SASKATCHEWAN LAND SURVEYORS ASSOCIATION
PROFESSIONAL EXAMINATION
STANDARDS OF PRACTICE AND PRINCIPLES OF EVIDENCE – PAPER IV**

3 HOURS

15 questions on 5 pages

Question 1

- /1 (a) What is the Controller of Surveys policy regarding copyright markings on plans registered in the Saskatchewan Land Surveys Directory?
- /1 (b) What is the rationalization behind this policy?

Question 2

Controller of Surveys Policy GO-04/003 directs a Saskatchewan Land Surveyor (SLS) conducting work on common boundaries between Provincial Lands in Saskatchewan and Federal Lands (Canada Lands).

- /2 (a) Under what conditions can an SLS establish lost monuments on boundaries defining both federal and provincial lands?
- /2 (b) If an SLS discovers problems with a re-establishment where this policy applies (such as conflicting monuments or errors in measurement), what steps must be completed?

Question 3

A notice published in November 2020 by the Controller of Surveys deals with disturbance of monuments.

- /2 (a) Discuss the issues dealt with by this notice.
- /2 (b) How would an SLS determine that a monument has been disturbed?
- /2 (c) If an SLS is dealing with a disturbed monument, how does this policy direct the SLS to proceed?

Question 4

- /1 (a) What is a Parcel Tie (or Tie Code)?
- /3 (b) List 3 instances where you would see Parcel Ties being used.

Question 5

- /2 (a) Describe the Plan Submissions online process as described in ISC's CAD file and Georeferencing Specifications (2014).
- /1 (b) What datum is to be used for ISC Georeferencing Specifications?
- /4 (c) Outline field measurement procedures and/or office procedures that would satisfy ISC's approved methods of determining coordinates for georeferencing a registered plan.

Question 6

At the opening session of the first legislature of Saskatchewan, an Act Respecting Public Works was given royal assent (1906). Chapter 24, 1906, "The Land Titles Act" established the Torrens System of Land Titles in the Province.

/4 (a) List the four main principles of a Torrens-type system of land registration.

/2 (b) List two disadvantages of a Torrens-type system of land registration.

Question 7

In the 2014 court case: "TCRT Investment Inc. v. Saskatchewan (Registrar of Titles and The City of Saskatoon)".

/4 (a) What was the cause that initiated this court case?

/2 (b) The Applicant (TCRT Investments Inc.) argued their position based on 2 principles. What are the 2 principles?

/3 (c) What argument to the above position was presented by the Respondent (The Registrar of Titles and The City of Saskatoon)? Include referenced legislation and regulations?

/2 (d) What decision did Justice A.R. Rothery make on this case, and what was the basis for the decision?

/2 (e) Describe how this case affects your assessment of a natural boundary.

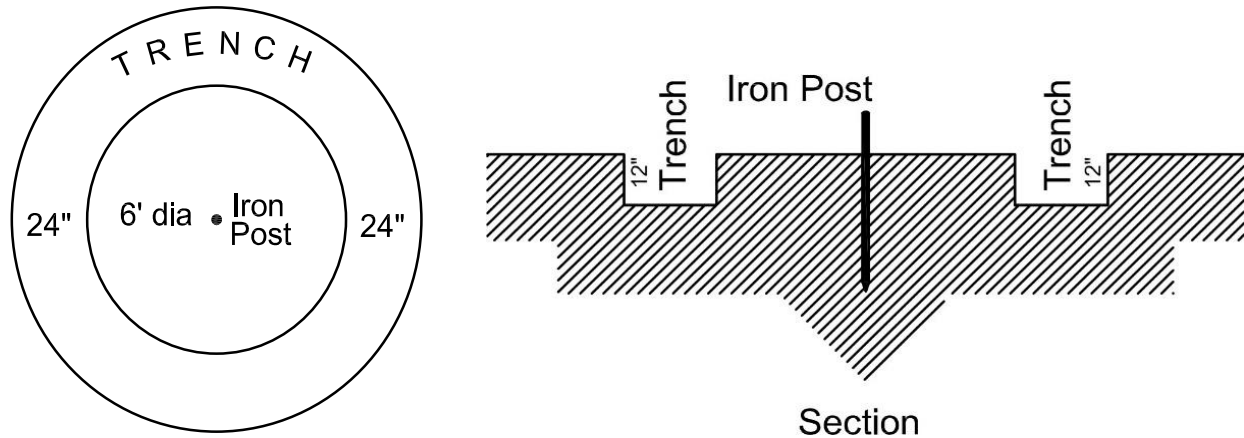
/3 (f) Define the following: 'bank', 'bed of the body of water' and 'centre line', as they relate to natural monuments / bodies of water, in Saskatchewan.

/2 (g) What factors can contribute to inaccuracies in the plotting of water boundaries?

/2 (h) Summarize ISC Plan Preparation requirements when dealing with Natural Boundaries.

Question 8

The following sketch is from Bulletin 38 (Department of the Interior), Description of Boundary Monuments Erected on Surveys of Dominion Lands 1871 – 1917



- /3 (a) Where and when is this monument configuration used?
- /1 (b) What directions does Bulletin 38 specify for marking the iron post in this monument configuration?

Question 9

Survey Systems within Saskatchewan

- /2 (a) What are the main differences between the First, Second and Third Systems of Survey in Western Canada? Include the general location of each of these systems within Saskatchewan.
- /2 (b) What is the main difference between the Third and Third Modified Systems of Survey? Include the general locations of the Third Modified System of Survey in Saskatchewan.
- /2 (c) Describe the numbering system used for Fractional Townships / Ranges lying between the above-mentioned systems of survey.
- /2 (d) Describe the River Lot Survey System. Include locations of the River Lot Survey System in Saskatchewan.
- /2 (e) Define 2 instances where you would find Fractional Quarter Sections and why they exist.
- /2 (f) How are LSD boundaries determined within Fractional Quarter Sections?

Question 10

all that portion of the South West Quarter of Section 4

Township 18

Range 11

West of the Third Meridian, Saskatchewan

described as follows: COMMENCING at a point on the Western boundary 627 feet Northerly from the Southwest corner; thence Easterly and parallel with the Southern boundary 416 feet; thence Northerly and parallel with the Western boundary 314 feet; thence Westerly and parallel with the Southern boundary to the Western boundary; thence Southerly along the Western boundary to the point of commencement

MINERALS IN THE CROWN

M & B
SW
Description 2

- /2 (a) Sketch the above Metes and Bounds description.
- /1 (b) How are Metes and Bounds descriptions recorded in the Saskatchewan Land Surveys Directory?
- /1 (c) The owner of the above Metes and Bounds description has hired you to post the property corners with standard iron posts. What should you advise the owner regarding governing evidence in relation to the corners you post?

Question 11

- /2 (a) Why was the Descriptive Plan Type 1 (DP Type 1) developed, and what are two situations where a DP Type 1 could be used?
- /2 (b) Who may prepare a DP Type 1 Plan, and what governing legislation and regulation specifies who has this authority?
- /1 (c) Explain 'waiver of monuments' as it relates to DP Type 1 Plans, including when it can be applied.

Question 12

- /2 (a) When searching The Provincial Archives of Saskatchewan for information relating to a land surveying project, what types of records would you expect to find?
- /1 (b) How does an SLS gain access to search The Provincial Archives of Saskatchewan records?
- /2 (c) When searching the Controller of Surveys File at ISC for information relating to a land surveying project, what types of records would you expect to find?
- /1 (d) How does an SLS gain access to search the Controller of Surveys File records at ISC?

Question 13

Plan corrections and amendments may be made to approved plans in accordance with sections 41 and 42 of the Land Surveys Act 2000. Controller of Surveys Policy GO-06/001 outlines guidelines to follow when dealing with these corrections and amendments (change orders).

- /4 (a) List what you can and cannot correct / amend on an approved plan using a change order.
- /2 (b) Who may request a change order?

Question 14

- /4 Define and list the Hierarchy of Survey Evidence Doctrine.

Question 15

- /4 (a) Sketch the section boundaries, measurements between monuments and the course of the river, that were measured (in 1881), and recorded on the following split line field notes.
- /2 (b) Comment on the angular relationship between the two boundaries.
- /2 (c) Assume Bulletin 38 instructions were followed. Sketch the monument configuration that you would expect to find at N.E. 4.
- /2 (d) Assume you have conducted a survey where you have posted the N ¼ and the Centre of Section 4. What markings should be stamped on these 2 posts?

