



THE GYROLOG

THE GYRO CLUB OF EDMONTON

Club Charter No.15, July 29, 1921

**President-Sam Gruden, Past President-John Boyd,
Vice-President-John Mann, Secretary-Barry Walker, Treasurer-Gary Campbell,
Directors-Cliff French, Ari Hoeksema, David Dyck, Len Stevens
Database Administrator-John Ross, Gyrolog Editor-Fred Schulte**

SEPTEMBER 2013

Those celebrating their birthdays in September are **Gerry Glassford** on the 5th, **Bruce Swanson** on the 8th, **Michael Mant** on the 18th and **Hugh Moncrieff** on the 29th. Those celebrating their wedding anniversaries are **Bill Taylor** and **Marie Losier**, 30 years on the 1st; **David** and **Marlene Burnett**, 47 years on the 3rd; **Warren** and **Vicki Garbutt**, 54 years on the 5th; **Mort** and **Jean Morter**, 62 years on the 5th; **Allan** and **Elaine Douglas**, 45 years on the 7th; **John** and **Marion Boyd**, 45 years on the 21st; **Bruce** and **Margaret Foy**, 53 years on the 24th and **John** and **Yvette Stroppa**, 60 years on the 26th.

Barry Walker welcomed 68 Gyros, Gyrettes and guests to the **Annual Corn Roast and Bocce Tourney** held at the Malmo Community Hall on the Tuesday afternoon-evening of September 3rd. **Jim Lochhead** presented the Grace.

The group was treated to a feast of roast chicken, salads, buns, corn on the cob and carrot cake with water melon., **President Sam Gruden** thanked the organizing group of **Roger** and **Janet Russell**, **Barry** and **Valerie Walker**, **David** and **Marlene Burnett**, **Bruce** and **Marg Foy** and **Tony** and **Care Mazzuca** for another excellent

event. President Sam also recognized today's 47th wedding anniversary of Marlene and David Burnett.

A keen group of Bocce players battled out a series of games to determine the best teams in the tourney. The Consolation Team winners were Arv Hardin, Marlene Ramsey, Terrie Ellis and Cliff Revell. The Runner's Up Team consisted of John Ross, Elaine Douglas, Ron Ramsey and Walter Yakimets. The Winning Team was Cliff French, Sam Gruden, Marie Losier and Kathy Revell.

Thanks to Jack Ellis and Bill Taylor for organizing the Bocce Tourney!



Sam Gruden

Kathy Revell

Marie Losier

Cliff French

President **Sam Gruden** welcomed 34 Gyros and four guests to the **September 17th** luncheon meeting held at the Royal Mayfair Golf Club. Cheerio was led by **Roger Russell** and the Grace was presented by **David Burnett**.

Rob McLeod was welcomed as our newest member of the Edmonton Gyro Club. Rob's official induction into the club will be undertaken within the next month.

Ken Korchinski introduced his brother **Al Korchinski**, **Ari Hoeksema** introduced his guest, **Dick Southwell** and **Stephen Yakimets** was welcomed again as our guest power point "technical expert".

Ken Korchinski introduced our guest speaker **Tom Clarke**, who is a civil engineering graduate of the University of Saskatchewan. Tom and Ken have been friends for 50 years and first met at Saskatchewan's engineering faculty. Tom spent over four decades with UMA Engineering as a Transportation Engineer on major bridge and transportation projects throughout Western Canada. He was the Project Manager for a team of public sector and UMA (private sector) personnel who managed the initial section of the \$1.2 billion Vancouver Island Highway Project completed in 1996. He became concerned with uncontrollable project delays and cost escalations which resulted from uncertain annual funding allocations and he recognized the need to explore alternative delivery mechanisms to control program costs and create schedule certainty.

After relocating to UMA's office in 1996, Tom helped the firm secure and deliver projects on the **Edmonton Ring Road (Anthony Henday Drive)** and has been involved in the delivery of every segment of the ring road designed since 2000. The last three sections of the Henday Project as well as the last two sections for the Calgary Ring Road (Stoney Trail Project) have been delivered using a **Design-Build-Finance-Operate (DBFO)** process that he helped Alberta Transportation develop.

Editor's Note

*The following information is provided by the editor, who is a former employee of the Provincial Government, Alberta Department of the Environment. In 1974, the Province of Alberta passed legislation/regulations to designate lands around the Cities of Calgary and Edmonton for future road and utility development. The use of the **Restricted Development Area Regulations** allowed the province to place caveats on all privately owned lands within a half mile wide ring around the two cities for future use as **Transportation and Utility Corridors**. These corridors were deemed necessary to allow for the development of a comprehensive network of high speed freeways and to also accommodate high voltage electric transmission*

lines, oil, gas, water lines and storm water drainage ponds. The Restricted Development Area Regulations basically froze any private development potential of these lands. As a result, the province began a systematic negotiation with all land owners to purchase the lands. In some cases, landowners chose the expropriation route and the courts ultimately decided the fair market value. In 1984, the province hired a private engineering/survey firm to reassess the land requirements for the two Ring Roads. This reassessment determined that certain caveated lands on the curved portions of the corridors were surplus and these areas were re-surveyed and released from regulation. Over a 20 year period, the province purchased all the lands needed for development at a cost of approximately \$1 billion each for the Edmonton and Calgary Transportation and Utility Corridors.

EDMONTON RING ROAD



Picture supplied by Tom Clarke

Initial construction of the Edmonton Ring Road occurred over 20 years ago between Highways 16 and 16X. This section consisted of two lanes in each direction and with the exception of a new double track CNR bridge, no overpasses were built. Some additional construction on the ring road was completed between Highway 16X and Whitemud Drive; again without overpasses. End of Editor's Note.

UMA Engineering and **Tom Clarke** were actively involved in the development of the Southwest leg of the Anthony Henday Drive from Whitemud Drive to the Calgary Trail in the early 2000's. Two sections were simultaneously designed and tendered using a **Design-Bid-Build** process. The province provided annual funding allocations. The project was innovative and high standards were achieved. Costs escalated and delays resulted due to the Design-Bid-Build process and annual funding. The \$180 million initial estimate became a \$230 million actual cost and the final completion was two years later. It was at this time that Alberta investigated delivery by a **Public-Private Partnership (P3) Process** using a **Design-Build-Finance-Operate (DBFO)** philosophy.

The DBFO philosophy must achieve value for money and risk is allocated to the party best able to manage it. The agreement terms and the technical requirements are set before bids are submitted and it is used for major projects valued at over \$300 million. **The Contractor** is responsible for: project financing and ownership for 30 years, optimization of design, construction and methodology and implementation, scheduling and management of weather risk and has full control within the project limits. The process allows for innovation within bounds. The inclusion of 30 years of operations and maintenance encourages life cycle considerations. The project is handed back to the province at the end of the 30-year operating period after prescribed rehabilitation.

Payment adjustments are used to deal with failures to meet a requirement or submit documents within a specified time. Example; As-built plans are to be submitted within six months of traffic availability. There are performance-based operational requirements such as defined roadway rutting, roughness and lighting. Special adjustments to the financial agreement can be made if traffic volumes exceed projected limits set by the province or if environmental changes are made such as road salt usage.

DBFO Payment Mechanism: The Province may provide funding for a portion of the capital construction cost. For example, the provincial contribution to the NW Anthony Henday was \$500 million and was described as a progress payment. The remaining capital cost is paid upfront by the Contractor and the province pays monthly payments to the contractor over the 30 year operating period.

Alberta Transportation has used the **DBFO P3** process for five major transportation projects: Southeast Anthony Henday Drive-Edmonton (2005-07-\$493million), Northeast Stoney Trail-Calgary (2007-09-\$650m)), Northwest Anthony Henday Drive-Edmonton (2008-11-\$1.42m), Southeast Stoney Trail-Calgary (2010-13-\$769m)) and Northeast Anthony Henday Drive-Edmonton (2012-16-\$1.81m)).

The private sector financing of these P3 projects has been highly successful because investors are assured of 30 years of guaranteed monthly payments.

Allan Douglas thanked our speaker **Tom Clarke** for a very interesting presentation that included background history on the evolution of the management of very large highway projects in Alberta.

The Free Lunch draw winner was **Bruce Swanson**.

UPCOMING EVENTS

The 2013 ANNUAL MEN'S BOCCE NIGHT with our friends from the **ST. ALBERT GYRO CLUB**, **Tuesday, October 1st**

Location: Italian Cultural Centre, 14230-133 Ave.

Time: Bocce begins at 5:00 pm, Dinner 6:30 pm

Menu: Festive Turkey Dinner with all the trimmings, Caesar Salad, Italian Style Roast potatoes, California Style Vegetables, rolls and butter, Hot Apple Pie, coffee and tea.

Cost: \$42 per person (no wine), \$50 with wine

Contact: Mike Matei

GYRETTE Meeting, **Royal Mayfair Golf Club**, **Tuesday Evening, October 8th**

Time: 6:00, Dinner at 6:30 pm

Speaker: **Jodi Abbott**, President, Norquest College

FOUNDERS NIGHT sponsored by the Sherwood Park Gyro Club, German-Canadian Club, 8310- Roper Road, **Wednesday, October 16th**

Cocktails: 6:00 pm, Dinner 7:00

Cost: \$30

Contacts: Larry Dobson and Bruce Swanson

GYRO District VIII-2013 CURLARAMA, Friday, November 1-Sunday November 3rd.

Host: Gyro Club of Calgary

Location: Banff, Alberta

Hotel: Voyager Inn, 555 Banff Ave

Cost: \$230 per curler, \$170 per non-curler, Prices based on 2 per room and includes a minimum of 3 curling games-6 ends per game, 2 nights hotel, 2 breakfasts, Gyro Hospitality Friday Night (including food and host bar), Saturday Night Banquet (no host bar) and Saturday Night Poker Tourney.

Deadline: October 21 for team entries

Contact: John Hodgson (403) 253-3150, jehodgson@shaw.ca

Gyro/Gyrette Luncheon Meeting, Derrick Golf and Winter Club, Tuesday November 5th

Speaker: **Knut Woltjen**, Member of the team that won the 2012 Nobel Prize for Medicine in stem cell research.

Topic: Research activities in induced pluripotent stem cell research that led to the awarding of the Nobel Prize.

Contact: Dick Moskalyk

GYRETTE Meeting, Royal Mayfair Golf Club, Tuesday Evening, November 12th

Time: 6:00pm Cocktails, Dinner 6:30

Speaker: **Lori Bosko**, Community Development Coordinator, Canadian Blood Services

Contact: Janet Russell

Regular Tuesday Luncheon Meeting, Royal Mayfair Golf Club, November 19th

Speaker: **Amelia Kaminski**, professional musician and instructor for 35 years, Founder and Director of the Edmonton-based Celtic Fiddlers.

Topic: Fiddle Music: Giving Voice to Humanity. How has music been used in the past and what part does it play in our lives today.

Contacts: Val Pohl and Gary Campbell

**Gyro/Gyrette Christmas Party, Riverview Room, Shaw Conference Centre,
Tuesday Evening, December 3.**

Champagne and socializing: 6:00 pm

Carved Roast Turkey Dinner: 6:30

Cost: TBA

Guests welcome!

Contacts: Fred Schulte and Sam Gruden

**GYRO International Interim Meeting, Double Tree Inn, Tempe, Arizona,
January 26-30, 2014**

**GYRO International and District VIII Convention, Wallace, Idaho, June 15-
22, 2014**