

Agenda

- What is EAPUOC
- Overview of Rights of Way in Urban Environments
- Overview of Pipeline Operations and Maintenance
- Overview of Pipeline Emergency Response

Edmonton Area Pipeline and Utility Operators' Committee

UPAC Subcommittee

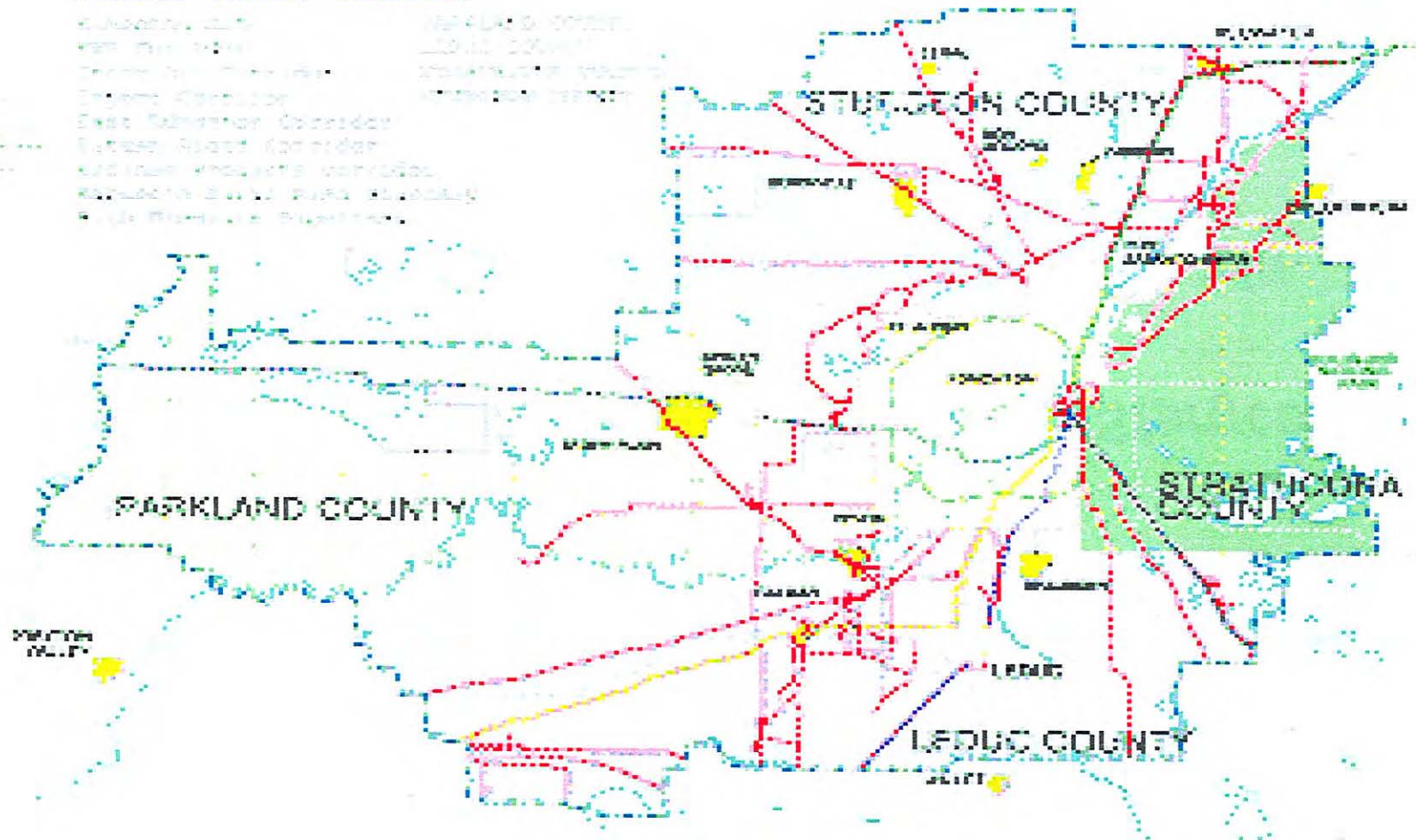
(Urban Pipeline Awareness Committee)

EAPUOC – Glen Pullishy (Pembina)

EAPUOC's Area of Influence

RURAL AREA LEGEND

County, City	Highway Corridor
Water Main Line	Local Road
County Road (Highway)	Water Main Line
County Corridor	Water Main Line
East Edmonton Corridor	Water Main Line
Water Main Corridor	Water Main Line
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Water Main Corridor	Water Main Line



WHO ARE EAPUOC's MEMBERS

- **Pipeline Operators**
- *(30 companies)*
- **Municipalities**
- *(Edmonton, Leduc, Parkland, Strathcona, Sturgeon)*
- **Regulatory**
- *(AEUB, NEB, CHA, Alberta Agriculture, Alberta Infrastructure, RCMP,)*
- **Utility Operators**
- *(3 companies)*

WHAT HAS EAPUOC ACCOMPLISHED?

The ERCB recommendations made as a result of the 1979 disaster dealt broadly with:

- pipeline agreements and procedures,
- construction,
- operation,
- physical integrity,
- set-backs,
- communications,
- emergency response
- education.
- These have been addressed with considerable success and continue to be the focus of activities.
- Significant accomplishments include:

EAPUOC Accomplishments

- Enhanced inspection, monitoring, operating and communication, with an EAPUOC member/industry Interactive Voice Response (IVR) system for emergencies.

IVR CALL DOWN SYSTEM



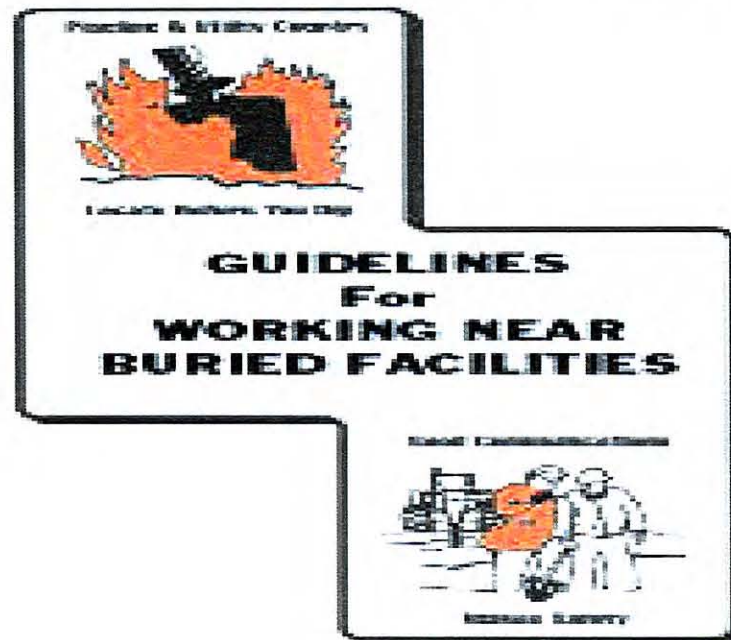
EAPUOC Accomplishments

- An annual safety seminar for industries, responders and regulators.



EAPUOC Accomplishments

- A "Manual of Safe Procedures" for pipeline and utility crossings.



Produced by
EAPUOC
For Landowners, Developers and the
Professional Digging Community

EAPUOC Accomplishments

- Improved procedures for location, prior approval of work and for safer seismic/ exploration work procedures.



Call Before You Dig...

Alberta One-Call 1-800-242-3447
(www.alberta1call.com)



EAPUOC Accomplishments

- City of Edmonton emergency plans and training include close interaction with pipeline operators and neighboring municipalities to conduct simulations to prepare in the event of an incident should occur.



EAPUOC Accomplishments

- A broad range of public awareness and education activities, including attendance at public events and in-school sessions for elementary aged children.



EAPUOC Accomplishments

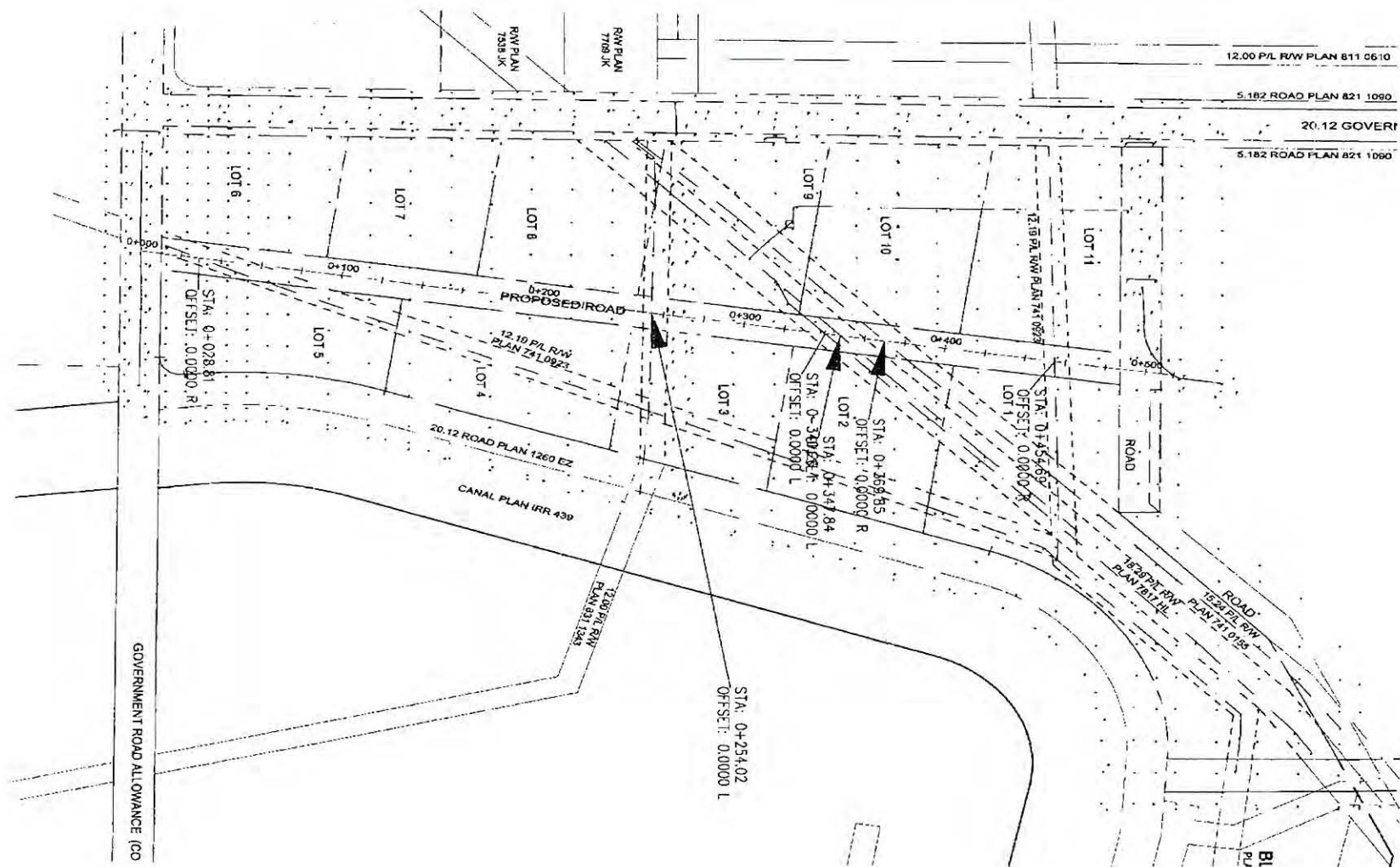
- Engage municipal elected officials and staff in regards to setback requirements and ER planning
- Engage City of Edmonton departments in proactive, effective communication strategies
- Provide a unified voice and presence to represent and lobby on behalf of underground facility owners and operators



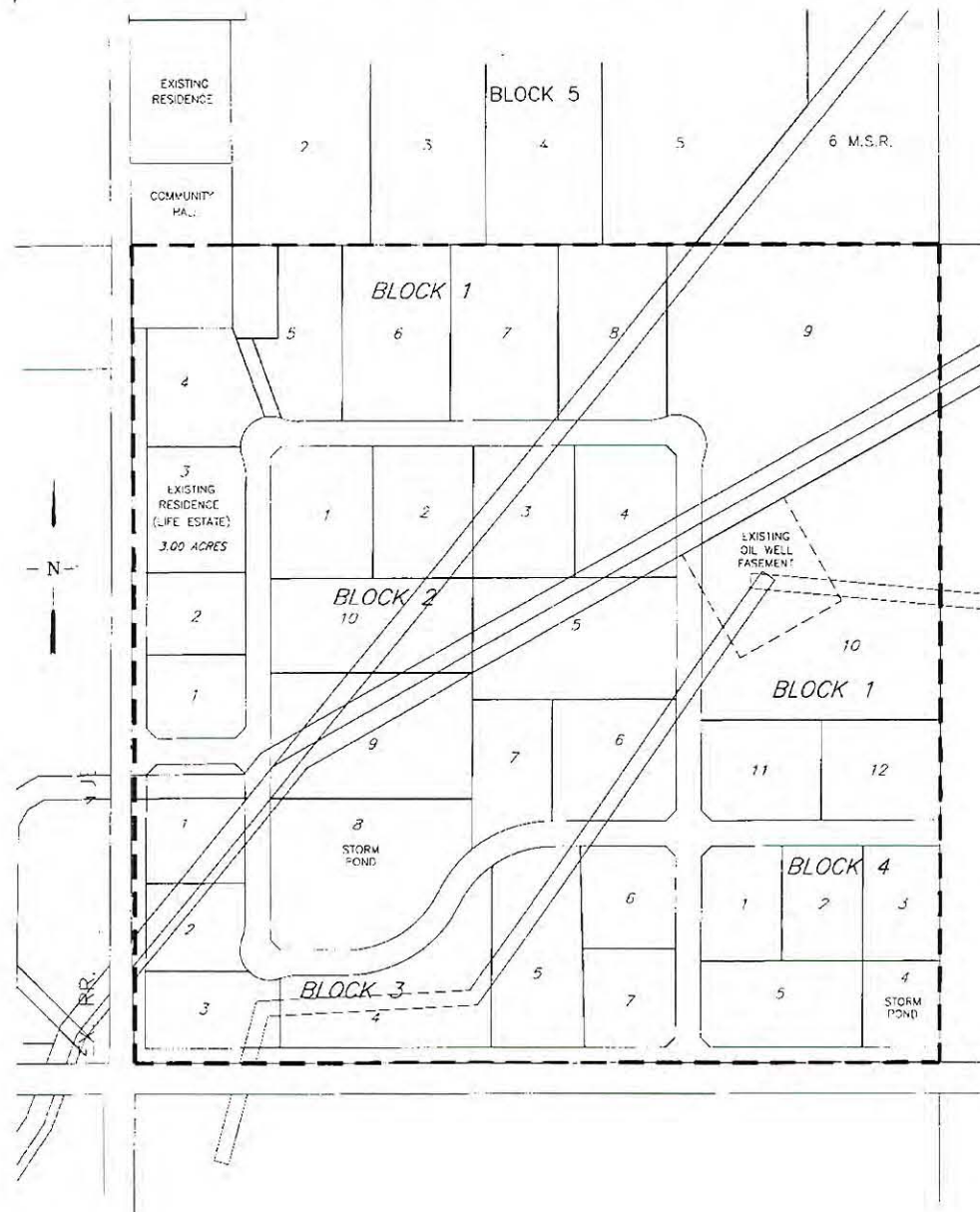
Poorly Maintained ROW in Municipality



EDMONTON AREA PIPELINE AND UTILITY OPERATORS' COMMITTEE



Conflicting Land Use Planning



- Incorporation of right of ways into the overall sub-division planning process
- Conflicting government regulations
 - Municipalities Act
 - Pipelines Act
 - NEB Regulations
 - Local By-laws
 - Setbacks

Province of Alberta

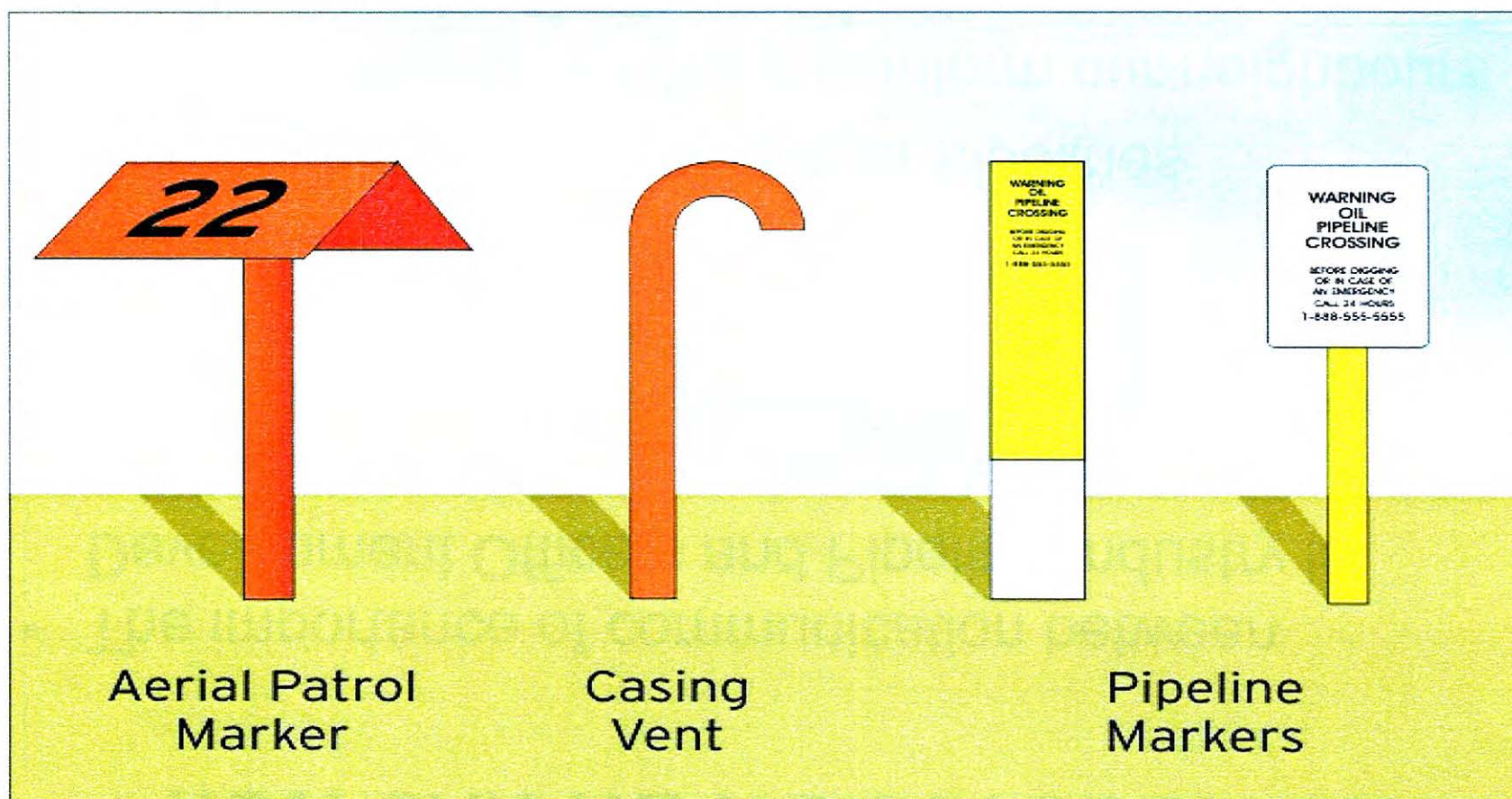
- Challenges in the next 15 years
- Unprecedented growth in the province
- High demand for residential, commercial, and industrial developments

HOW CAN WE WORK TOGETHER

- The importance of communication between Development Officers and Pipeline Industry is critical
 - Communication during the first stages of an annexation and new developments

Good planning goes a long way...

- Compatible development near pipelines
- Preserve Rights of Way and inform our neighbours of the 30 metre Controlled Area
- Maximize safety of people



- Pipeline operations
 - 24 hours
 - Advanced technology, monitors the line and alerts operators to problems
 - Regular inspections and routine maintenance



Pipeline products transported

- Crude oil
- Natural gas
- Propane
- Butane
- Condensate
- Gasoline
- Diesel fuel
- Jet fuel

