

Aroostook County Transportation Study

**PAC Meeting
March 16, 2004**



Today's Agenda

Reviewing Corridor North of Presque Isle

- ▶ Caribou Bypass
- ▶ Route 1/Route 161 Connector
- ▶ Route 161
- ▶ Route 161/Madawaska Connector
- ▶ Route 1



Design Approach – Upgrades of Existing Highways

Generally:

- ▶ “Alignment 1” – Widen both sides
- ▶ “Alignment 2” – Widen strategically one side or the other
- ▶ “Alignment 3” – Widen strategically, with limited bypasses
- ▶ Others...

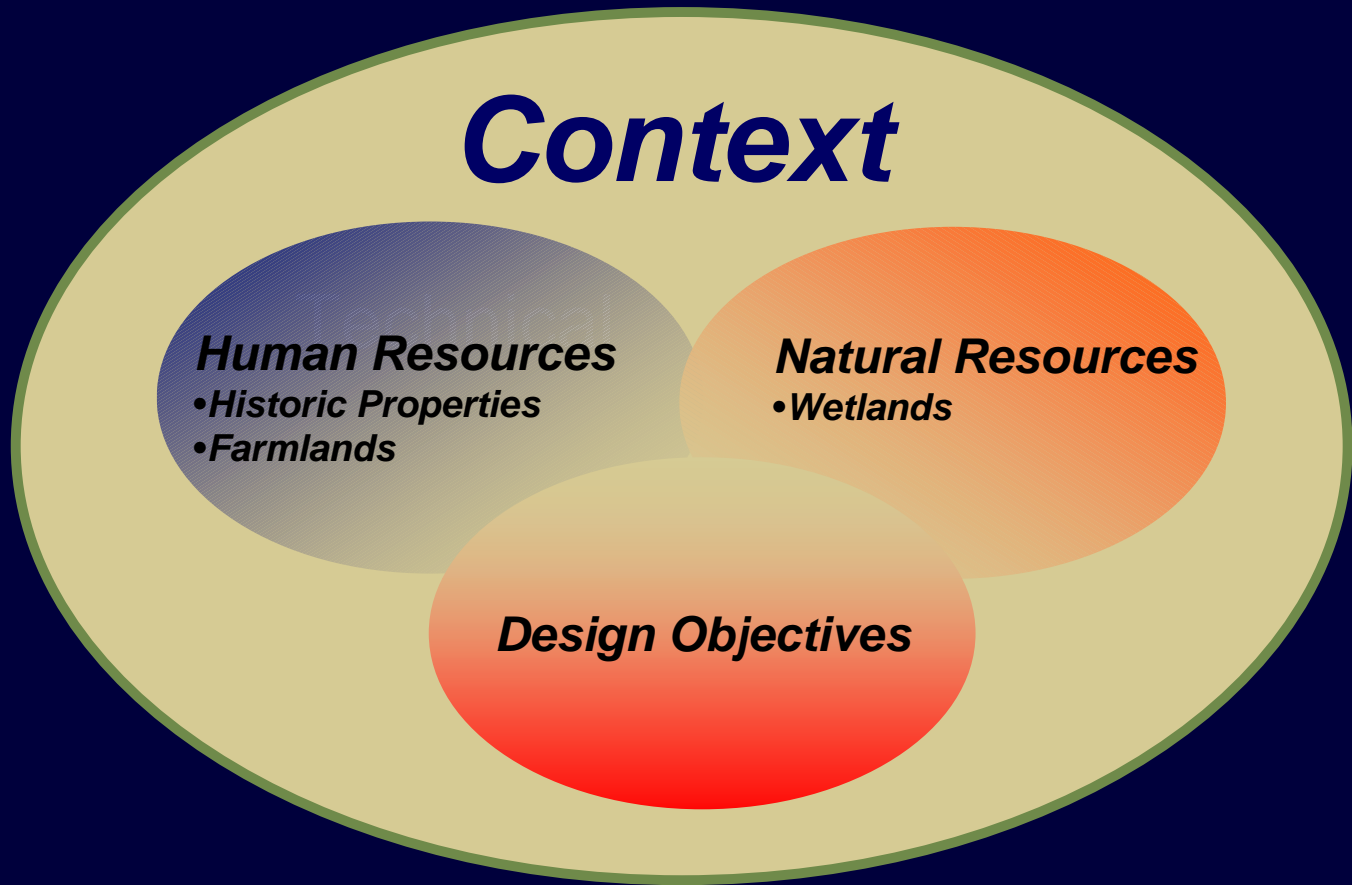
Design Approach – New Highways

Generally:

- ▶ Fit corridor to topography
- ▶ Make logical connections to existing highways
- ▶ Minimize impacts to human resources
- ▶ Minimize impacts to natural resources



Design Approach



Caribou Bypass / Route 161 Connector

Route 1: Caribou Motor Inn to South of Fort Street

- ▶ Along existing bypass, approximately 2.6 miles long
- ▶ Focuses widening to the west avoiding river impacts
- ▶ No impacts to structures anticipated
- ▶ May require a new bridge over the existing railroad

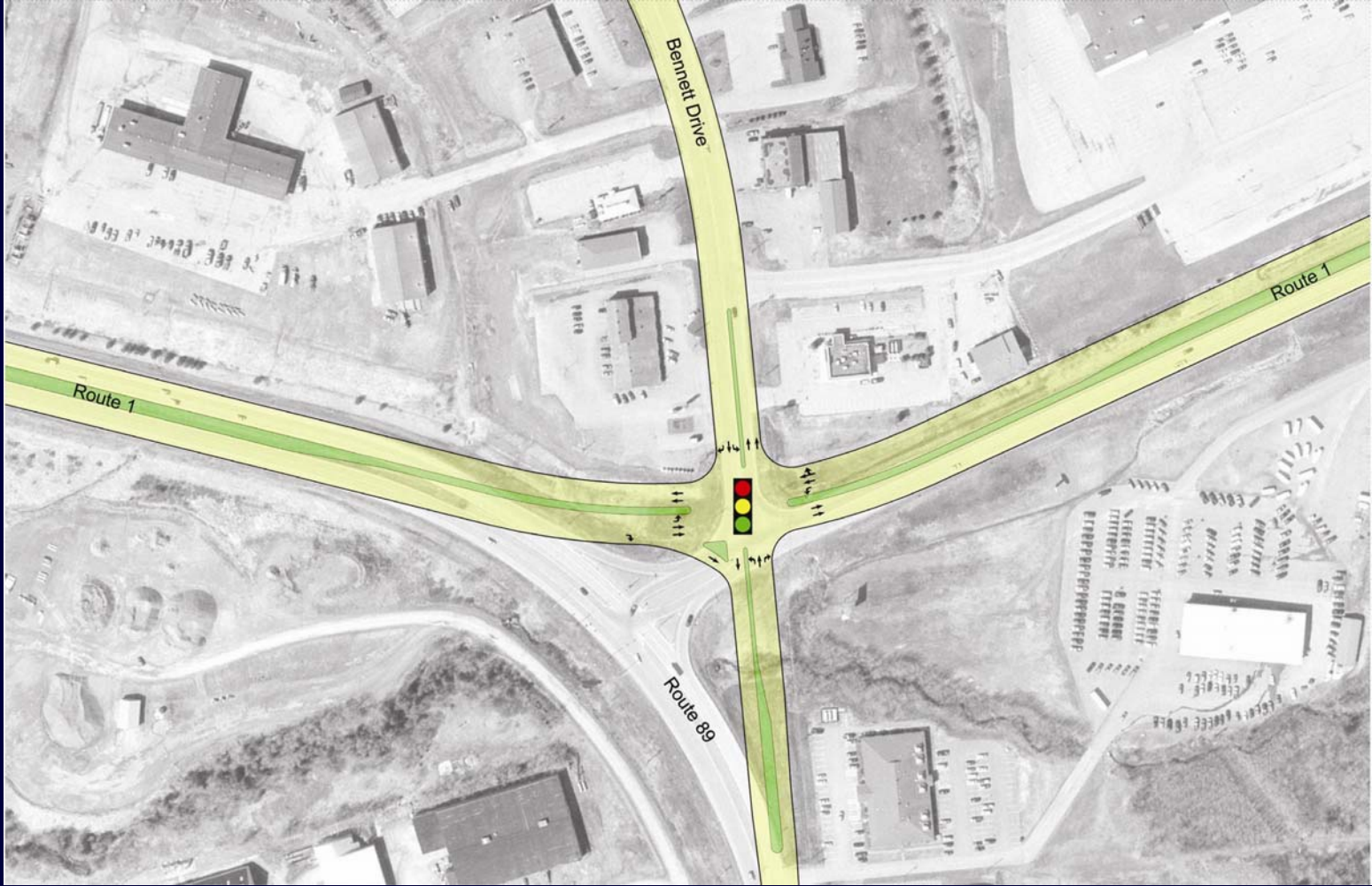


Caribou Bypass / Route 161 Connector

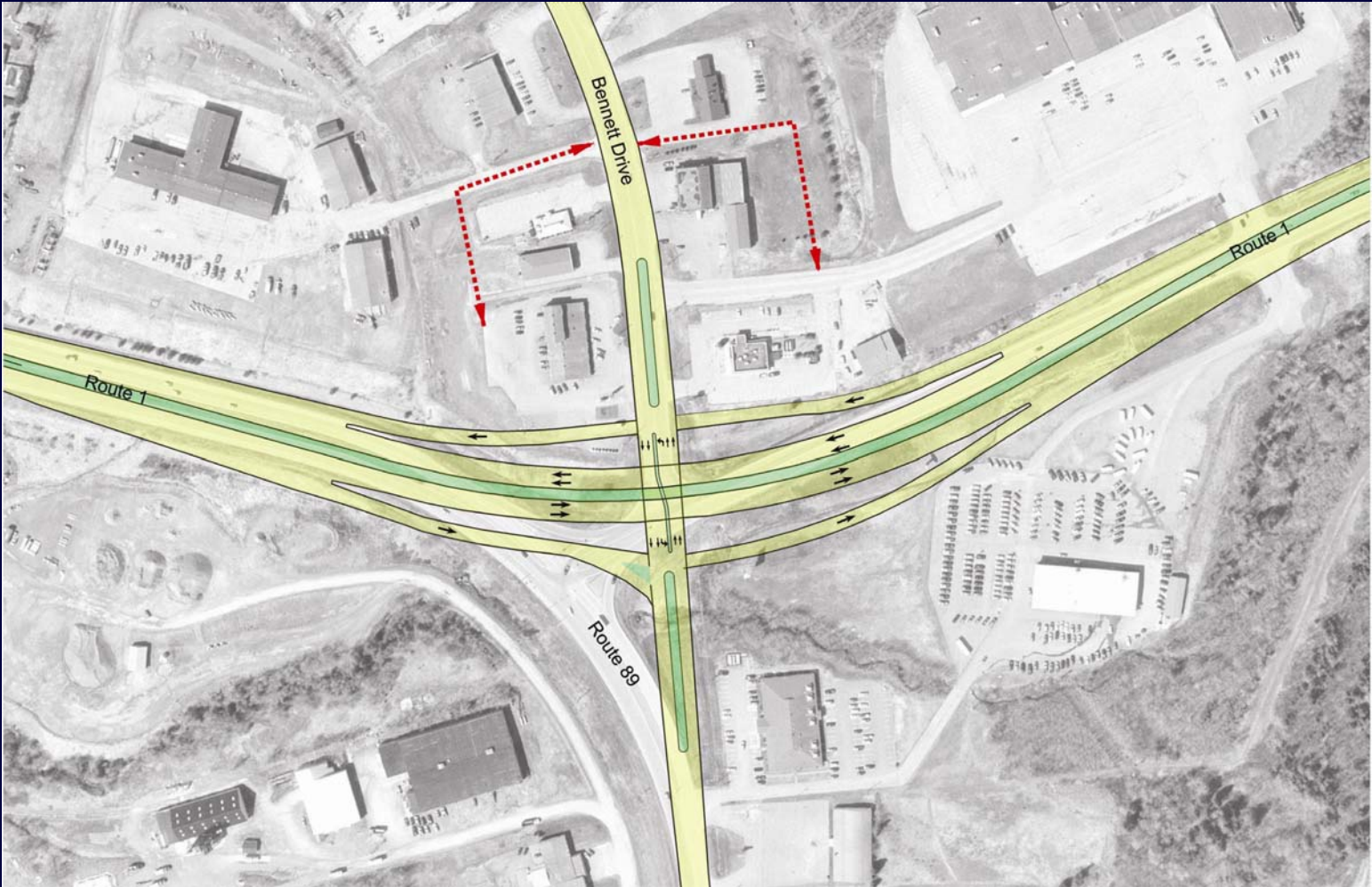
Route 1: Fort Street to Route 161 Connector

- ▶ Approximately 3.4 miles long
- ▶ Existing highway ranges from 52 to 98 feet wide through section
- ▶ High crash area Route 1/ Route 89/ Bennett Drive
- ▶ Constrained from Fort Street to High Street
 - ▶ Cemetery
 - ▶ Structures close to highway
- ▶ Several alignments investigated...

Route 1 / Bennett Drive At-grade Intersection



Route 1 / Bennett Drive Full Interchange





Caribou Bypass / Route 161 Connector

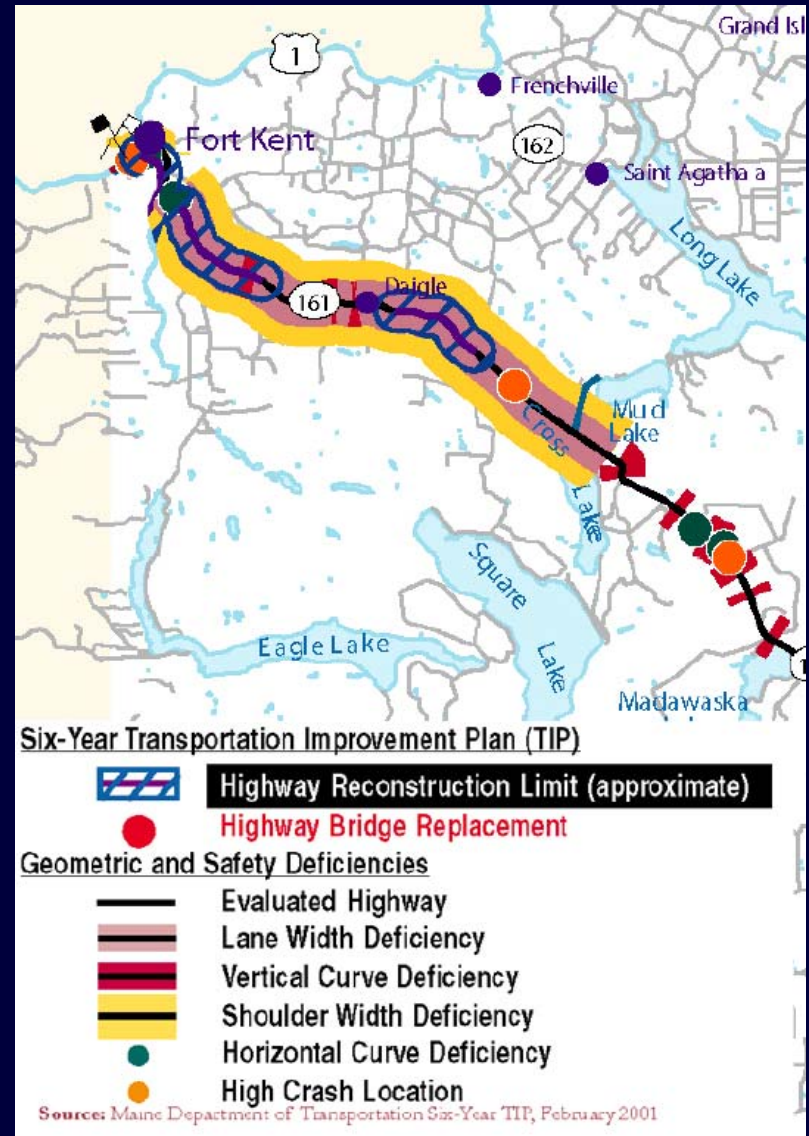
Route 161 Connector

- ▶ Approximately 2.0 miles long
- ▶ Existing issues/constraints:
 - ▶ Wetlands along the north side of corridor
 - ▶ The Gathering
 - ▶ Caribou Country Club
 - ▶ Farmsteads along west side of Route 1
 - ▶ Sharp curve along Route 161
- ▶ Several alignments investigated...

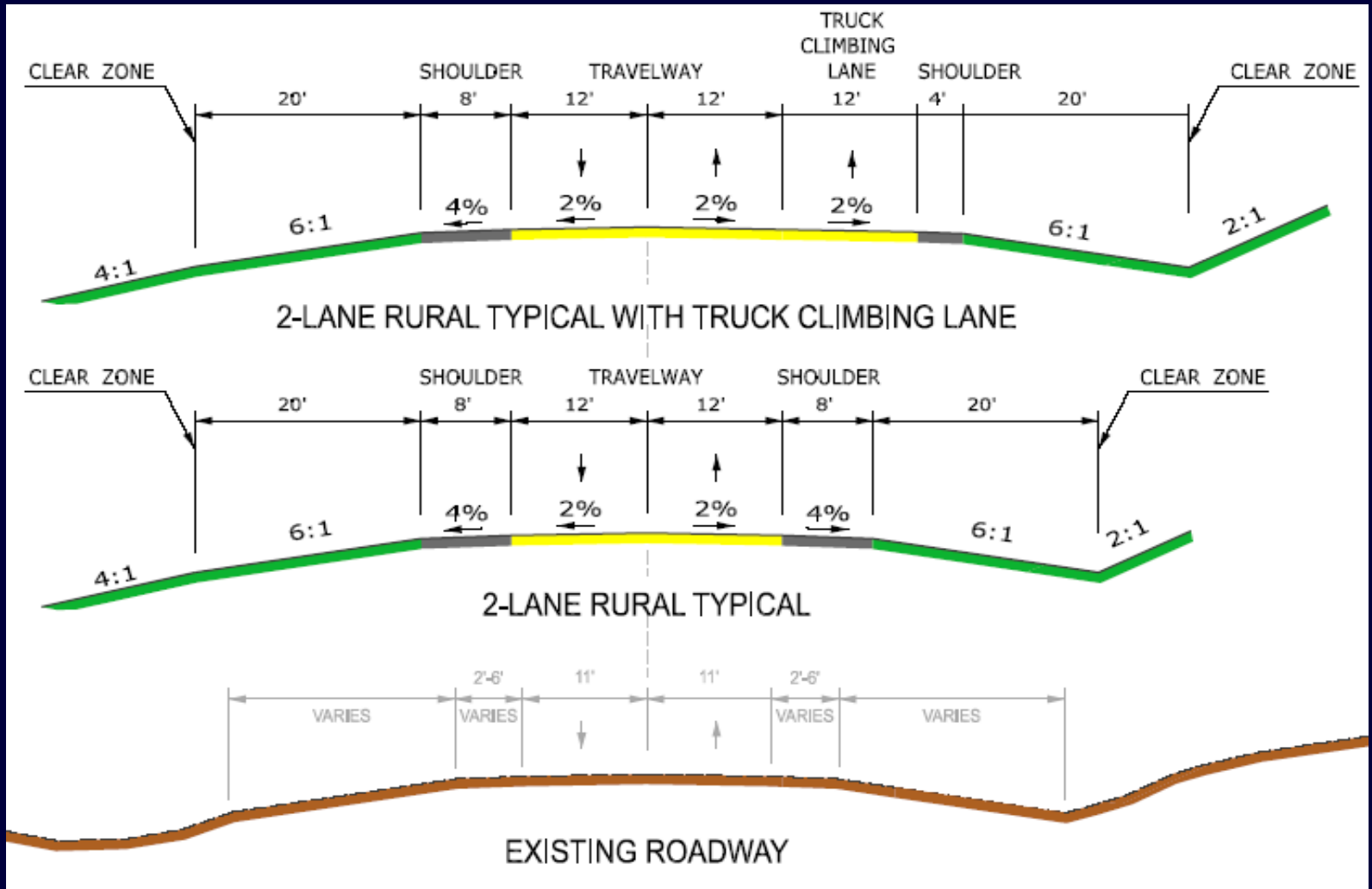
Route 161

Issues/Constraints

- ▶ 4 High Crash Locations
- ▶ Approximately 22 locations of vertical or horizontal deficiencies
- ▶ Travel lane width deficiencies (approximately 36 percent of corridor)
- ▶ Shoulder width deficiencies (approximately 53 percent of corridor)



Route 161 Treatments



Route 161 / Madawaska Connector

- ▶ Approximately 14.5 miles long
- ▶ Extends from Route 161 in Daigle (north of Ouellette Road) to Route 1 in the vicinity of Fournier Road in Madawaska
- ▶ Issues/constraints
 - ▶ Steep and rolling terrain
 - ▶ Wetlands
 - ▶ Farmsteads
 - ▶ Airport
- ▶ Several alignments investigated...

Route 1 – Presque Isle to Caribou

Brewer Road (US 210) to Route 164/Dow Siding Road

- ▶ Approximately 6.2 miles
- ▶ Two vertical curve deficiencies
- ▶ Issues/constraints:
 - ▶ Residences
 - ▶ Cemetery
 - ▶ Utility poles located on west side of Route 1
 - ▶ Farm access
 - ▶ Business zone in northern section