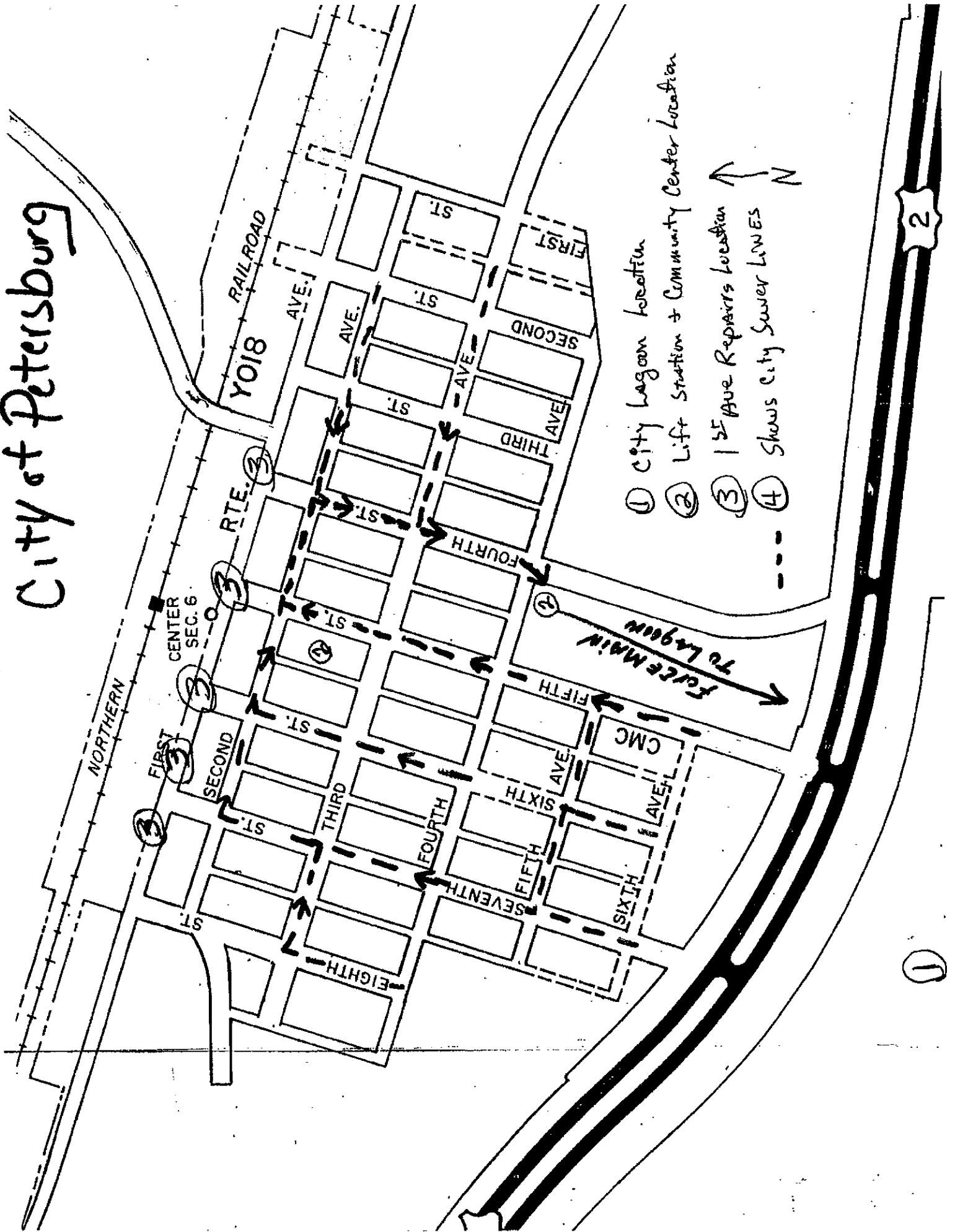


# City of Petersburg



- ① City Lagoon location
- ② Lift Station + Community Center location
- ③ 1st Ave Repairs location
- ④ Shows City Sewer Lines

2

1

## Multi Hazard Multi-jurisdiction Mitigation Project Worksheet

County: <u>Nelson</u>	Jurisdiction: <u>City of Petersburg</u>	
Contact Name: <u>James Schmidt</u>	Contact Number: <u>701-345-8235</u>	Contact Email: _____
Project Location: <u>South of Petersburg</u>	City: <u>Petersburg, ND</u>	
Street Address: _____ or _____	<div style="border: 1px solid black; border-radius: 50%; padding: 5px; display: inline-block;">Project #1</div>	
Latitude: _____		

Priority Ranking	High <u>A</u>	Medium <u>___</u>	Low <u>___</u>	Undetermined <u>___</u>
Project Feasibility				
Socially Acceptable	Yes <u>X</u>	No <u>___</u>		
Technically Feasible	Yes <u>X</u>	No <u>___</u>		
Administratively Possible	Yes <u>X</u>	No <u>___</u>		
Politically Acceptable	Yes <u>X</u>	No <u>___</u>		
Legal	Yes <u>X</u>	No <u>___</u>		
Economically Feasible	Yes <u>X</u>	No <u>___</u>		
Environmentally Acceptable	Yes <u>X</u>	No <u>___</u>		

Recommended Mitigation Measure and Scope of Work: Repair City lagoon. The water surrounding the lagoon has been rising over the past 20 years & the walls of the lagoon have been deteriorating.

How would Project Reduce Hazard: would contain the lagoon waste without it leaking into nearby sloughs which will affect wild life & contaminate nearby adjacent sloughs.

Identification of Protected Species, Environmental, Historical, and/or Cultural Impact: If the lagoon is not repair, eventually relocation of the lagoon could become necessary.

Estimated Timeline: Start early next spring complete before next fall

Estimated Cost: 500,000<sup>-</sup>

Engineering Study Completed:	Yes <u>___</u>	No <u>X</u>
Cost/Benefit Completed:	Yes <u>___</u>	No <u>X</u>

Project Maintenance: Periodic weed & rip rap maintenance would be necessary.

## Multi Hazard Multi-jurisdiction Mitigation Project Worksheet

County: <u>Nelson</u>		Jurisdiction: <u>City of Petersburg</u>	
Contact Name: <u>James Schmidt</u>	Contact Number: <u>701-345-8235</u>	Contact Email:	
Project Location: <u>City lift station</u>		City: <u>Petersburg, NO</u>	
Street Address:		<div style="border: 1px solid black; border-radius: 50%; padding: 5px; display: inline-block;">Project #2</div>	
or	Latitude:	Longitude:	

Priority Ranking			
High	<input checked="" type="checkbox"/>	Medium	<input type="checkbox"/>
Low	<input type="checkbox"/>	Undetermined	<input type="checkbox"/>
Project Feasibility			
Socially Acceptable	Yes <input checked="" type="checkbox"/>	No	<input type="checkbox"/>
Technically Feasible	Yes <input checked="" type="checkbox"/>	No	<input type="checkbox"/>
Administratively Possible	Yes <input checked="" type="checkbox"/>	No	<input type="checkbox"/>
Politically Acceptable	Yes <input checked="" type="checkbox"/>	No	<input type="checkbox"/>
Legal	Yes <input checked="" type="checkbox"/>	No	<input type="checkbox"/>
Economically Feasible	Yes <input checked="" type="checkbox"/>	No	<input type="checkbox"/>
Environmentally Acceptable	Yes <input checked="" type="checkbox"/>	No	<input type="checkbox"/>

Recommended Mitigation Measure and Scope of Work: Install Electrical transfer Switch equipment @ City lift station + City Community Center. Community Center is used for an emergency command center so we need power there should an event arise

How would Project Reduce Hazard: We currently own an emg. generator ~~by~~ but do not have the proper equipment to connect the sewer lift station or the Community Center buildings in case of a

Identification of Protected Species, Environmental, Historical, and/or Cultural Impact: Power outage over the city sewer continues to flow because of a water tower. When the lift station floods + sewer backs up into residents basements.

Estimated Timeline: 2-Week Project

Estimated Cost: 5,000 - 15,000

Engineering Study Completed:	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
Cost/Benefit Completed:	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>

Project Maintenance: periodically test electrical equipment.

## Multi Hazard Multi-jurisdiction Mitigation Project Worksheet

County: <u>Nelson</u>	Jurisdiction: <u>City of Petersburg</u>
Contact Name: <u>James Schmidt</u>	Contact Number: <u>701-345-8235</u>
Project Location: <u>along 1<sup>st</sup> Ave</u> City: <u>Petersburg, ND</u>	
Street Address: or Latitude:	<div style="border: 2px solid black; border-radius: 50%; padding: 10px; display: inline-block;"> <u>Project # 3</u> </div>
Longitude:	

Priority Ranking	High <input checked="" type="checkbox"/>	Medium <input type="checkbox"/>	Low <input type="checkbox"/>	Undetermined <input type="checkbox"/>
Project Feasibility				
Socially Acceptable	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>		
Technically Feasible	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>		
Administratively Possible	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>		
Politically Acceptable	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>		
Legal	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>		
Economically Feasible	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>		
Environmentally Acceptable	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>		

Recommended Mitigation Measure and Scope of Work:  
Improve storm water runoff from 1<sup>st</sup> Ave. Raise street level and drain tile under street & gravel lot to the North. This:

How would Project Reduce Hazard: Reduce the street asphalt from breaking up. The breaking of this street makes it impossible for local traffic, causing financial hardships on local businesses.

Identification of Protected Species, Environmental, Historical, and/or Cultural Impact: This road is important for the local Elevator + fertilizer plant to move delivery + farm-trucks through this street. The whole town is surrounded by standing slough waters.

Estimated Timeline: Start early August Complete by Oct 1<sup>st</sup>

Estimated Cost: 150,000.-

Engineering Study Completed:	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
Cost/Benefit Completed:	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>

Project Maintenance: Maintain Street Surface as required

## Multi Hazard Multi-jurisdiction Mitigation Project Worksheet

County: <u>Nelson</u>		Jurisdiction: <u>City of Petersburg</u>	
Contact Name: <u>JAMES Schmidt</u>	Contact Number: <u>701-345-8235</u>	Contact Email:	
Project Location: <u>Streets</u>		City: <u>Petersburg, ND</u>	
Street Address: or Latitude:		Longitude:	

Project #4

Priority Ranking	High <input type="checkbox"/>	Medium <input checked="" type="checkbox"/>	Low <input type="checkbox"/>	Undetermined <input type="checkbox"/>
Project Feasibility				
Socially Acceptable	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>		
Technically Feasible	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>		
Administratively Possible	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>		
Politically Acceptable	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>		
Legal	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>		
Economically Feasible	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>		
Environmentally Acceptable	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>		

Recommended Mitigation Measure and Scope of Work: Replace or Repair City Sewer Mains throughout the City. Cut open streets where sewer lines are located + repair accordingly, then patch streets back in.

How would Project Reduce Hazard: Streets are sinking due to the sewer lines shifting or settling. Water currently sits in the dips in the streets due to this sewer line trouble

Identification of Protected Species, Environmental, Historical, and/or Cultural Impact: If sewer lines are not repaired, could cause contamination of soils underground.

Estimated Timeline: Start next spring + complete before next winter

Estimated Cost: 1-2 million?

Engineering Study Completed:	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
Cost/Benefit Completed:	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>

Project Maintenance: Periodically flush sewer lines to remove sediment.