

9.1 LIST OF PREPARERS

Name	Responsibility	Education	Years Experience
Federal Transit Administration (FTA)			
Joel Ettinger	Regional Administrator	M.S. Transportation Engineering	30 Years
Rhonda Reed	Director-Office of Planning and Program Development		
Michael M. Reis	Community Planner	M.S. Urban & Regional Planning	16 Years
Douglas Gerleman			
Brian Jackson			
Joseph Ossi			
Ramsey County Regional Railroad Authority (RCRRA)			
Kathy DeSpiegelaere	Director		
Steve Morris	Project Manager		32 Years
BRW, Inc.			
Valerie Anderson	Environmental/Hazardous Materials	B.S. Natural Resources/ Environmental Studies	5 Years
John Bednarczyk	Environmental Manager	B.S. Environmental Engineering	33 Years
Genvieve Bolling	Wetlands	B.S. Plant Biology	3 Years
John Crawford	Air Quality, Noise, & Vibration	B.S. Civil Engineering	10 Years
Barry Gore	Social Impacts, Economic Impacts, Stations	B.A. English M.A. Landscape Arch.	8 Years
Holly Halverson	Document Manager	B.S. Archaeological Studies/Geography M.A. Coursework in Archaeological Studies	6 Years
Aaron Heumann	Traffic	B.S. Civil Engineering	9 Years
Omar Jaff	Engineering	B.S. CAD	12 Years
Nick Landwer	BRT Engineering, Water Quality, Floodplains	B.S. Civil Engineering	6 Years
April Manlapaz	Engineering	B.S. Civil Engineering	10 Years
Dan Meyers	Traffic	B.S. Urban Studies B.A. Political Science M.S. Transportation Engineering M.U.P. Urban and Regional Planning	15 Years
Eric Padget	Traffic, Economic Impacts, Land Use, Social Impacts,	B.S. Community and Regional Planning M.S. Transportation Engineering	2 Years
Mike Ringrose	Project Management, Definition and Refinement of Alternatives, Hiawatha LRT Coordination, Northstar-Red Rock Commuter Rail Coordination, Commuter Rail Feasibility Study	M.S. Civil Engineering B.S. Civil Engineering	12 Years

Name	Responsibility	Education	Years Experience
Nancy Ronhovde	Environmental Justice	B.S. Urban Studies (Degree Pending)	6 Years
Shawna Schwarzkopf	Document Manager	B.A.	2 Years
David Showalter	Social Impacts	B. Arch M. Arch, M.C.P.	27 Years
Evelyn Tidlow	Archaeological and Historic Resources	B.A. Anthropology M.A. American Civilization	20 Years
Donald Yuratovac	Project Manager	B.S. Business Administration	34 Years
Mainline Management			
David Hatzenbuhler	Capacity Study and Final Report Review Railroad Operations and Strategic Planning	B.S. History and Political Science	30 Years
Bob Patton	Capacity Study, Model Simulation, Final Report Review Railroad Analysis & Model Simulation Studies	B.S. Computer Science and Management	26 Years
David Mahle	Capacity Study, Operation Planning & Analysis, Final Report Review, Railroad Operations Planning and Analysis	B.S. Business Administration M.B.A.	30 Years
Eric Lyman	Capacity Study, Operations Planning & Analysis, Final Report Review	B.S. Civil Engineering	20 Years
KM Chng			
Tom Herzog	Noise & Vibration	M.B.A Finance, B.A. Physics	14 Years
ZGF			
Paddy Tillett	Urban Design & Planning	RIBA, FRTPI, FAICP, FAIA Dip. Arch. Master of Civic Design	27 Years
Greg Baldwin	Principal Architect and Urban Designer	FAIA B.A M. Arch M. Arch Urban Design	30 Years
SRF, Inc.			
Steve Wilson	Travel Demand Forecasting, Transit Operations	M.S. Civil Engineering	20 Years
HDR Engineering			
Leif Thorson	Railroad infrastructure and improvements, Canadian Pacific Railway Corridor	B.S. Civil Engineering	25 Years

Name	Responsibility	Education	Years Experience
LTK			
Steven C. Apanian	Light Rail Engineering Resource, coordination/ consistency with Hiawatha LRT Project	B.S. Civil Engineering	18 Years
John W. Schumann	LRT Operating Simulation, Concept Development and Operations Planning	B.A. M.S. Civil Engineering	30 Years
David E. Staplin	Commuter Rail Concepts, Operations and Engineering	B.S. Civil Engineering M.B.A.	33 Years
Thomas Matoff	LRT Concept and Operations Plan, Coordination with Hiawatha Operations Plan, Fleet Estimate, Evaluation, LTK Project Management	B.A. M.C.P.	30 Years
TKDA			
Vince Montgomery	Commuter Rail Engineering	B.S. Civil Engineering	19 Years
Martinez Corporation			
Tony Martinez			

9.2 DISTRIBUTION LIST

Distribution List

ELECTED OFFICIALS

Hon. Norm Coleman, U.S. Senator
Hon. Mark Dayton, U.S. Senator
Hon. Betty McCollum, U.S. Congressman
Hon. Martin Olav Sabo, U.S. Congressman
Hon. Tim Pawlenty, Governor
Minnesota Senate Transportation Committee
Minnesota House Transportation Policy Committee
Mayor R.T. Rybak, Mayor of Minneapolis
Mayor Chris Coleman, Mayor of St. Paul

FEDERAL AGENCIES

Advisory Council on Historic Preservation
Federal Emergency Management Agency
U.S. Army Corps of Engineers, St. Paul District, St. Paul, Minnesota
U.S. Department of Agriculture
U.S. Department of Commerce
U.S. Department of Housing and Urban Development
U.S. Department of Interior, Director, Office of Environmental Affairs, Washington, D.C.

- Bureau of Indian Affairs
- Fish and Wildlife Service
- National Park Service

U.S. Department of Transportation

- Federal Highway Administration, Division Administrator, St. Paul, MN
- Federal Railroad Administration

U.S. Environmental Protection Agency

STATE AGENCIES

Department of Natural Resources, Environmental Review Unit, St. Paul, MN
Minnesota Pollution Control Agency, Operations and Planning Unit, St. Paul, MN
Board of Water and Soil Resources
Department of Agriculture
Department of Health
Department of Public Service
Department of Transportation
Environmental Quality Board
Minnesota Indian Affairs Board
Minnesota State Historic Preservation Office

REGIONAL AGENCIES

Anoka County Regional Railroad Authority
Dakota County Regional Railroad Authority
Hennepin County Regional Railroad Authority
Ramsey County Regional Railroad Authority

Washington County Regional Railroad Authority
Metro Transit of the Twin Cities
Metropolitan Council of the Twin Cities
Regional Transit Board
Middle Mississippi Watershed Management Organization
West Mississippi Watershed Management Organization
Southwest Ramsey Watershed District
Central Ramsey Watershed District

COUNTIES

Hennepin County
Ramsey County

LOCAL MUNICIPALITIES

City of Minneapolis
City of St. Paul

LIBRARIES

Legislative Reference Library
Minneapolis Public Library/Environmental Conservation Library
Ramsey County Library
City of St. Paul Public Libraries
Hennepin County Libraries

OTHER AGENCIES & ORGANIZATIONS

Burlington Northern Santa Fe Railroad
Canadian Pacific Railroad
Hiawatha Project Coordination Team
Minneapolis Park and Recreation Board
Minneapolis Community Development Agency
Red Rock Corridor Commission
Northstar Corridor Development Authority
University of Minnesota
St. Anthony Park Community Council
Lexington-Hamline Community Council
Merriam Park Community Council
Snelling-Hamline Community Council
Stadium Village Business Association
Prospect Park East River Road Neighborhood Association
Marcy Holmes Neighborhood Association
Midway Chamber of Commerce
University United
Downtown Minneapolis Transportation Management Organization
Cedar Riverside Project Area Committee
Greater Minneapolis Building Owners/Managers Association
Building Owners and Managers Association of St. Paul
Selby Area Business Association

District Energy
St. Paul Area Chamber of Commerce
Hmong Chamber of Commerce
Minneapolis Chamber of Commerce
Capital City Partnership

DISTRIBUTION OF EXECUTIVE SUMMARY

State Legislators
County Commissioners
Minneapolis City Council
St. Paul City Council
Minneapolis Heritage Preservation Commission
St. Paul Heritage Preservation Commission

9.3 LIST OF SUPPORTING DOCUMENTS

Supporting Documents

1999 Annual Report of the St. Paul Planning Commission

2000 Downtown Minneapolis Transportation Study

Capitol Area Master Plan

Central Corridor Alternatives Analysis / Draft EIS

Central Corridor Scoping Booklet

Central Corridor Scoping Summary Report

The City of St. Paul Comprehensive Plan

Comprehensive Plan for the Minnesota State Capitol Area

Federal Register, June 5, 2001

Florida Department of Transportation Level of Service Handbook

Geological Atlas of Hennepin County, Minnesota (1989)

Geological Atlas of Ramsey County, Minnesota (1992)

Historic Lowertown Small Area Plan

Light Rail Transit Grade Separation Guidelines – ITE Journal, 1993

Light Rail Transit on University Avenue: A Review of the Potential

A Livable Campus: University of Minnesota Twin Cities Campus Master Plan

Midway Corridor Light Rail Transit Draft EIS

The Minneapolis Plan

Minnesota EQB Monitor, June 11, 2001

Oak Ridge National Laboratory, Transportation Energy Book: Edition 16, 1966

The Regional Blueprint, Twin Cities Metropolitan Area

St. Paul Bikeway Plan

St. Paul on the Mississippi Development Framework

South St. Anthony Park Small Area Plan and 40 Acre Study

Thomas-Dale Small Area Plan and Forty Acre Study

Transportation Policy Plan

Twin Cities Metropolitan Long Range Transportation Plan (2020)



9.4 DATA SOURCES

References:

Environmental Data Resources, Inc. Site Assessment. Central Corridor Site Assessment. Robert Street and Fillmore Avenue East, St. Paul, Minnesota. Inquiry number: 0752323.1r, March 28, 2002.

Minnesota Geological Survey, *Geologic Atlas of Hennepin County, Minnesota*, 1989.

Minnesota Geological Survey, *Geologic Atlas of Ramsey County, Minnesota*, 1992.

United States Department of Agriculture, Soil Conservation Service, *Soil Survey of Washington and Ramsey Counties*, April 1980.

United States Department of Agriculture, Soil Conservation Service, *Soil Survey Hennepin County*, April 1974.

United States Geological Survey, 7.5-Minute Topographic Quadrangles: Digital Elevation Model. Converted by the Department of Natural Resources, 1970-1999.

VISTA Information Systems, Inc., Site Assessment – Special Project, University Avenue/LRT alignment, University Avenue, St. Paul/Minneapolis, Minnesota, Report ID No. 397281001, March 29, 2001.

Hennepin County Digital Soil Survey, distributed by the Metropolitan Council.

Personal Communications:

Abdella, Jelil, 2001. Personal Communication, Teri Angst, of URS, with Jelil Abdella, Project Manager, Minnesota Pollution Control Agency, April 13, 2001.

Chambers, Shawn, 2002. Personal Communication, Valerie Anderson, of URS, with Shawn Chambers, Minnesota Department of Transportation, March 27, 2002.

Ebertz, Jessie, 2001. Personal Communication, Teri Angst, of URS, with Jessie Ebertz, Project Manager, Minnesota Pollution Control Agency, April 25, 2001.

Grigor, Lynn, 2001. Personal Communication, Teri Angst, of URS, with Lynn Grigor, Project Manager, Minnesota Pollution Control Agency, April 30, 2001.

Grigor, Lynn, 2002. Personal Communication, Valerie Anderson, of URS, with Lynn Grigor, Project Manager, Minnesota Pollution Control Agency, January 18, 2002.

Guo, Liseng, 2001. Personal Communication, Teri Angst, of URS, with Liseng Geo, Project Geologist, Minnesota Pollution Control Agency, May 1, 2001.

Haas, Jennifer, 2001. Personal Communication, Teri Angst, of URS, with Jennifer Haas, Project Manager, Minnesota Pollution Control Agency, April 13, 2001.

Hadiaris, Amy, 2001. Personal Communication, Teri Angst, of URS, with Amy Hadiaris, Project Manager, Minnesota Pollution Control Agency, April 13, 2001.

- Hadiaris, Amy, 2002. Personal Communication, Valerie Anderson, of URS, with Amy Hadiaris, Project Manager, Minnesota Pollution Control Agency, January 22, 2002.
- Insook, Chai, 2001. Personal Communication, Teri Angst, of URS, with Chai Insook, Project Geologist, Minnesota Pollution Control Agency, May 1, 2001.
- Kopplitz, Mark, 2001. Personal Communication, Teri Angst, of URS, with Mark Kopplitz, Project Manager, Minnesota Pollution Control Agency, April 16, 2001.
- Kromar, Karen, 2001. Personal Communication, Teri Angst, of URS, with Karen Kromar, Project Manager, Minnesota Pollution Control Agency, April 16, 2001.
- Lee, Steve, 2001. Personal Communication, Teri Angst, of URS, with Steve Lee, Emergency Response, Minnesota Pollution Control Agency, May 1, 2001.
- Mitzuk, Diane, 2001. Personal Communication, Teri Angst, of URS, with Diane Mitzuk, Site Remediation, Minnesota Pollution Control Agency, April 25, 2001.
- McLain, Chris, 2001. Personal Communication, Teri Angst, of URS, with Chris McLain, Project Manager, Minnesota Pollution Control Agency, April 25, 2001.
- McLain, Chris, 2002. Personal Communication, Valerie Anderson, of URS, with Chris McLain, Project Manager, Minnesota Pollution Control Agency, March 29, 2002.
- O'Dell, Catherine, 2001. Personal Communication, Teri Angst, of URS, with Catherine O'Dell, Project Manager, Minnesota Pollution Control Agency, April 13, 2001.
- Quandt, Larry, 2001. Personal Communication, Teri Angst, of URS, with Larry Quandt, Project Manager, Minnesota Pollution Control Agency, April 13, 2001.
- Reed, Michael, 2001. Personal Communication, Teri Angst, of URS, with Michael Reed, Permitting, Ramsey County Environmental Health, May 8, 2001.
- Sarappo, Wayne, 2001. Personal Communication, Teri Angst, of URS, with Wayne Sarappo, Project Manager, Minnesota Pollution Control Agency, April 18, 2001.
- Stahnke, Gerald, 2001. Personal Communication, Teri Angst, of URS, with Gerald Stahnke, Project Manager, Minnesota Pollution Control Agency, April 13, 2001.
- VanPatten, Stacey, 2002. Personal Communication, Valerie Anderson, of URS, with Stacey VanPatten, Project Manager, Minnesota Pollution Control Agency, January 18, 2002.

MPCA website

http://www.pca.state.mn.us/programs/lust_pSearch.cfm

<http://www.pca.state.mn.us/pca/srs/srsSearch.cfm>

9.5 OUTLINE FOR A PROGRAMMATIC AGREEMENT

**PROGRAMMATIC AGREEMENT AMONG THE FEDERAL TRANSIT
ADMINISTRATION, THE RAMSEY COUNTY REGIONAL RAILROAD AUTHORITY,
THE ADVISORY COUNCIL ON HISTORIC PRESERVATION, MINNESOTA STATE
HISTORIC PRESERVATION OFFICE, MINNESOTA DEPARTMENT OF
TRANSPORTATION, AND [OTHER PARTIES] REGARDING
THE CENTRAL CORRIDOR LIGHT RAIL TRANSIT PROJECT,
MINNEAPOLIS AND ST. PAUL,
HENNEPIN AND RAMSEY COUNTIES, MINNESOTA**

WHEREAS, the Ramsey County Regional Railroad Authority (RCRRA) has applied for financial assistance from the Federal Transit Administration (FTA) to construct transit improvements in the Central Corridor of Minneapolis and St. Paul, Minnesota as described in Appendix 1 of this Programmatic Agreement; and

WHEREAS, the FTA and RCRRA wish to consult and cooperate in addressing the requirements of historic preservation as prescribed by the National Historic Preservation Act; and

WHEREAS, the FTA has determined that the Central Corridor Light Rail Transit Project (Central Corridor Project) may have an effect upon properties included in or eligible for inclusion in the National Register of Historic Places (National Register) and has consulted with the Advisory Council on Historic Preservation (Council), Minnesota State Historic Preservation Office (SHPO), Office of the State Archaeologist (OSA), Minnesota Department of Transportation (DOT), and [others] pursuant to Part 800.13 of the regulations (36 CFR 800) implementing Section 106 of the National Historic Preservation Act (16 U.S.C. 470f); and

WHEREAS, the FTA will be legally responsible for carrying out the terms of this Programmatic Agreement if financial assistance is authorized by the FTA for the Central Corridor Project; and

WHEREAS, [others] participated in the consultation and have been invited to concur with this Programmatic Agreement; and

Now, therefore, the FTA, RCRRA, Council, SHPO, OSA, DOT, and the [others] agree that the Central Corridor Project shall be administered in accordance with the following stipulations to satisfy the FTA's Section 106 responsibility for all individual aspects of the project.

STIPULATIONS

FTA will ensure that the following measures are carried out:

- I. The FTA and RCRRA shall ensure that all archaeological, historical, and archival work carried out pursuant to this Programmatic Agreement is under direct supervision of qualified persons who meet, at a minimum, the Secretary of Interior's Professional Qualifications Standards (36 CFR 61).
- II. If FTA and the SHPO do not agree on National Register eligibility with respect to particular archaeological or historic properties, or if the Council so requests, the FTA shall request a formal determination of eligibility from the Keeper of the National Register, which determination shall be final. The FTA will prepare the necessary documentation for eligibility determination.

- III. Archaeological Resources
- A. During design of the project, the FTA and RCRRA will prepare an Archaeological Research Design when design reaches approximately 30 percent completion. The FTA and RCRRA will submit the Archaeological Research Design to the DOT and SHPO within 30 days of 30 percent design submittal. The Archaeological Research Design will address study objectives, extent of specific study areas, study area methodology, and evaluation criteria.
 - B. In consultation with the DOT and SHPO, the FTA will determine whether archaeological properties within the area of potential effect are eligible for listing in the National Register in accordance with 36 CFR 800.4 and the research design. It is understood that for properties that the FTA and SHPO agree are not eligible for the National Register, no further archaeological investigations will be required, and the project component may proceed.
 - C. The FTA and RCRRA will attempt in its detail design to avoid any identified National Register-eligible archaeological resources. For the National Register resources that cannot be avoided, the FTA and RCRRA will proceed as follows:
 - 1. Data Recovery:

The FTA and RCRRA will implement a data recovery program in accordance with a Research Design approved by the SHPO and DOT where construction cannot avoid the archaeological resources identified by survey.
 - 2. Curation and dissemination of information:
 - a. In consultation with the SHPO, the FTA and RCRRA will ensure that all materials and records resulting from the data recovery are curated in accordance with 36 CFR Part 79 at a repository within the state of Minnesota.
 - b. The FTA will ensure that all final reports resulting from actions pursuant to this Programmatic Agreement will be provided in a format acceptable to the SHPO, and will be responsive to contemporary standards, and to the Department of the Interior's "Format Standards for Final Reports of Data Recovery Programs" (42 CFR 5377-79).
 - 3. Treatment of human remains [develop in consultation with the SHPO, DOT , and OSA]
- IV. Historic Structures
- A. The FTA and RCRRA will submit the Phase I inventory of potentially significant architectural resources to the SHPO and DOT for review and comment.
 - B. The FTA and RCRRA will ensure that Phase II evaluations will be completed for those architectural resources recommended as potentially eligible for the National Register.
 - C. The FTA and RCRRA will ensure during early stages of design for the proposed project that all construction that may affect buildings or structures determined eligible for the National Register, and their setting, is carried out in a manner that is compatible with the historic and architectural qualities of the affected property or properties, in conformance with the Secretary of Interior's Standards for Rehabilitation and Guidelines for Rehabilitating Historic Buildings.
 - D. The FTA and RCRRA shall prepare a "Determination of Effects Report" that will be submitted to the SHPO for concurrence. For historic structures listed or eligible for inclusion in the National Register that will be adversely affected, avoidance will be the preferred treatment. Additional mitigation measures may include but are not limited to:

1. Modifying the undertaking through redesign, reorientation of construction on the project site, or similar changes.
 2. Repair, rehabilitation, or restoration of an affected historic property.
 3. Preservation and maintenance operations for involved historic properties.
 4. Documentation (drawings, photographs, histories) of buildings or structures that must be relocated or demolished.
 5. Utilizing the design guidelines and design review process referred to in C above.
 6. Demolition of the historic structure shall be the least preferred alternative.
- E. The FTA and RCRRRA will consult with signatories to this Programmatic Agreement to determine appropriate mitigation measures and will provide each party with a written description of the agreed upon measures for review and approval.
- F. The FTA and RCRRRA will identify and consult with interested parties regarding the determination of effect and appropriate mitigation measures.
- V. Review of Plans
- A. The FTA and RCRRRA will submit all plans and reports to the SHPO, DOT, and interested parties for review and comment. If no responses are provided within 30 days from date of receipt, the FTA and RCRRRA will implement the plans or designs as submitted. The SHPO and DOT will cooperate with the FTA and RCRRRA to provide draft comments so as not to hinder the FTA and RCRRRA's ability to respond to those comments in a timely manner. All comments will be responded to either in the form of revisions, or will be documented as to why those comments were not incorporated into the plans or designs. Provided the SHPO and the local interests named herein concur on pre-final design, no further review is required by the Council, except that the Council may require such further review at its discretion, in accordance with 36 CFR 800.5. The plans and reports to be reviewed will consist of the following:
1. Archaeological Research Design and all other archaeological reports.
 2. Determination of Effects Report and all other historic structures reports.
 3. Plans that describe the design concepts up to 30 percent, and at 60 percent and 90 percent design. The SHPO comments will be taken into consideration by the FTA and RCRRRA, with written reply by the RCRRRA describing the method for incorporating SHPO comments into designs and/or plans.
 4. Data Recovery Plan. Should data recovery be needed for archaeological sites, the SHPO, DOT, and the Council will be given 30 days from receipt for review and comment on the Data Recovery Plan.
- B. The FTA and RCRRRA shall also offer the opportunity to review and comment on the plans and reports to the identified interested parties including [others]. If an affirmative response is received to the offer, the same 30-day comment period will be extended, and if no responses are received within that time, the FTA and RCRRRA will implement the plans and reports as submitted, or as agreed upon by the signatories of this Programmatic Agreement.
- VI. Procedures
- A. The SHPO, DOT, FTA, and RCRRRA will consult at least every three months throughout the construction phase of the Central Corridor Project to review conformance with the stipulations.

DISPUTE RESOLUTION

If at any time during the implementation of this Programmatic Agreement, the RCRRA, SHPO, DOT, or a consulting party objects within 30 days to any action proposed, or any failure to act pursuant to this Programmatic Agreement, they may file written objections with the FTA. However, prior to filing such objections, parties to this Programmatic Agreement shall attempt to resolve the dispute with the RCRRA before involving the FTA. The FTA shall notify the parties to this Programmatic Agreement of the objection, and then take the objection into account, consulting with the objector and at that objector's request, with any of the parties to this Programmatic Agreement, in order to resolve the objection. The FTA will facilitate resolution with any of the parties involved.

If the FTA determines that the objection cannot be resolved, then the FTA shall forward all documentation relevant to the dispute to the Council. Within 30 days after receipt of all pertinent documentation, the Council will either:

1. Provide the FTA with recommendations, which the FTA will evaluate in reaching a final decision regarding the dispute; or
2. Notify the FTA that it will comment pursuant to 36 CFR 800.7(b) and Section 110(1) of the National Historic Preservation Act and then proceed to comment. Any Council comment provided in response to such a request will be taken into account by the FTA in accordance with 36 CFR 800.6(a)(1)(C)(ii) with reference to the subject of the dispute.

Any recommendation or comment by the Council will be understood to pertain only to the subject of the dispute, the FTA's responsibility to carry out all actions under this Programmatic Agreement that are not the subject of the dispute will remain unchanged.

In the event the FTA and RCRRA do not carry out the terms of this Programmatic Agreement, the FTA will comply with 36 CFR 800.4 through 800.6 with regard to individual undertakings covered by this Programmatic Agreement.

MONITORING

The Council, the SHPO, and the DOT [other] may monitor activities carried out pursuant to this Programmatic Agreement, and the Council will review such activities if so requested. The FTA and RCRRA will cooperate with the Council and the SHPO, DOT, and [other] in carrying out their monitoring and review responsibilities.

Execution and implementation of this Programmatic Agreement evidences that FTA has satisfied its Section 106 responsibilities for all individual undertakings of the program.

****ADD SIGNATORY PAGES AS APPROPRIATE**

****ADD APPENDIX 1 – PROJECT DESCRIPTION – TAKE FROM EIS**

9.6 POTENTIAL HAZARDOUS MATERIAL IMPACTS

Between Downtown East/Metrodome Station and West Bank Station					
No	Name	Address	Description	Notes	Risk Level
84	Minneapolis Property Swap	West River Parkway & 13 th Ave. S., Minneapolis, MN 55415	SCL	Closed	Low
153	Riverside Plaza	1615 S. 4 th St., Minneapolis, MN 55454	UST/AST	-	No
181	Minneapolis BTC Data Center	511 11 th Ave. S., Minneapolis, MN 55415	UST/AST	-	Low
	Control Data Business & Tech Center	511 11 th Ave. S., Minneapolis, MN 55415	LUST Spill	Closed Spill 9234, petroleum from UST, 10/89	
	Johnstech International	511 11 th Ave. S., Minneapolis, MN 55415	Sm Gen	Transports wastes by road for self. No violations listed.	
	Minnesota Business Tech Center	511 11 th Ave. S., Minneapolis, MN 55415	SCL	Closed	
198	Brother Industrial Clean	4th & Cedar, Minneapolis, MN 55454	Spill	Disposal of waste water to storm sewer. Closed 10/4/98	Low
198	Unknown	1822 Riverside, Minneapolis, MN 55454	Spill	Abandoned containers of paints, solvents, etc. closed 9/30/92	Low
198	Sternfels & Co.	416 Cedar Ave., Minneapolis, MN 55454	Spill	Spill 12420, petroleum 12/86	Low
198	Unknown	1827 Riverside Ave., Minneapolis, MN 55454	Spill	Spill 27036 5 gal gas, 12/97	Low
198	NSP	425 Cedar Ave. S., Minneapolis, MN 55454	Spill	Spill 14453, 20 gal mineral oil, 1/91	Low
			ERNS	20 gal PCBs, Case 56245, 1/23/91	
West Bank Station					
No	Name	Address	Description	Notes	Risk Level
83	Management and Economics Building	271 19 th Ave. S., Minneapolis, MN 55455	UST/AST	-	No
83	Anderson Hall	257 19 th Ave. S., Minneapolis, MN 55455	LUST	Closed	Low
	Lube Tech	257 19 th Ave. S., Minneapolis, MN 55455	Spill	Spill 31093 20 gal 8/99	
155	Humphrey Center	301 19 th Ave. S., Minneapolis, MN 55455	UST/AST	-	No
East Bank Station					
No	Name	Address	Description	Notes	Risk Level
81	Transportation Safety Building	511 Washington Ave. SE, Mpls., MN 55455	UST/AST	-	No
81	Krelitz Industries	509 Washington Ave. Minneapolis, MN 55455	Spill	LUST, closed 1/1/96	Low
82	U of MN Basic Sciences Bldg.	312 Church Street SE, Minneapolis, MN 55455	UST/AST	-	No
161	University of Minnesota	225 Pleasant St., Minneapolis, MN 55455	Spill	Spill 25180, odor from basement, dissipated, 3/97	Low
			Spill	Spill 21633, misc. chem, 6/95	
			ERNS	Case number 379713, 3/11/97	
			ERNS	Case number 379710, 3/10/97	

* Sites are not included within the search distance of the University Avenue LRT Alignment.

** Sites are not included within the search distance of the University Avenue BRT Alignment.

264	Mechanical Engineering Bldg.	111 Church St. SE, Minneapolis, MN 55455	UST/AST	-	Low
			LUST	Closed	
264	U of MN Tele Comm Building-Garage	80-90 Church St., Minneapolis, MN 55455	UST/AST	-	Low
			LUST	Closed	
264	University of Minnesota Minneapolis Campus	100 Church St. SE, Minneapolis, MN 55455	CORRACTS	State determined on 6/18/92 that an RFI and remediation are not necessary, that no control measures are necessary, and that there was no release to groundwater.	Low
			Spill	Spill 17837, 25 gal fuel oil	
264	Unknown	116 Church St., U of M, Minneapolis, MN 55455	Spill	Chem. release, closed 6/30/00	Low
Stadium Village Station					
No.	Name	Address	Description	Notes	Risk Level
75	University Cleaners	310 Oak St. SE, Minneapolis, MN 55414	Sm Gen	-	No
77	Mercil Bros Phillips 66	630 Washington Ave. SE, Minneapolis, MN 55414	UST/AST	-	Low
			Sm Gen	-	
78	National Car Rental System, Inc.	1032 Washington Ave. SE, Minneapolis, MN 55414	UST/AST	-	No
78	University of Minnesota Int. Waste Management	501 23 rd Ave. SE, Minneapolis, MN 55455	UST/AST	-	Low
			Lg Gen	No violations were listed for this site.	
			TSD	Site actively managing RCRA-regulated wastes, which are stored in two 7,500-gallon tanks and one 262,055 gallon container. No violations listed.	
			Spill	Spill 27741 hydraulic fluid 10 gal, 4/98	
78	Insty Prints	2331 University Ave. SE, Minneapolis, MN 55414	Sm Gen	-	No
78	U of MN, The Minnesota Daily	2301 University Ave. SE, Minneapolis, MN 55414	Lg Gen	No violations were listed for this site.	Low
79	Former Longyear Building	900 Washington Ave. SE, Minneapolis, MN 55414	UST/AST	-	Low
			LUST	Closed	
			Spill	Same as closed LUST.	
113	Bike Shop	215 Oak St. SE, Minneapolis, MN 55414	Sm Gen	-	No
113	Campus Cleaners	211 Oak St. SE, Minneapolis, MN 55414	Sm Gen	-	No
189	Twin City Tile Marble Co.	2218 University Ave. SE, Minneapolis, MN 55414	SCL	Mercury contamination inside building; has been remediated.	Low
			UST/AST	-	
	Grove Johnson Co.	2218 University Ave. SE, Minneapolis, MN 55414	Sm Gen	-	

* Sites are not included within the search distance of the University Avenue LRT Alignment.

** Sites are not included within the search distance of the University Avenue BRT Alignment.

189	Fire Station #19	200 Ontario SE, Minneapolis, MN 55414	UST/AST	-	No
241	Holman Building	2035 University Avenue, Minneapolis, MN 55455	LUST	Closed 3/11/97	Low
	Fleet Services Garage	2035 University Avenue SE, Mpls., MN 55455	UST/AST	-	
	Lubetech	2035 University Avenue, Minneapolis, MN 55455	Spill	Spill 27869, 2 quarts used or waste oil, cleaned up with absorbent pads	
Between Stadium Village Station and 29th Avenue Southeast Station					
No	Name	Address	Description	Notes	Risk Level
72	Gould Building – Research East	2630 University Ave. SE, Minneapolis, MN 55414	UST/AST	-	No
72	Orient Square	University Ave. & 26 th Ave. SE, Minneapolis, MN 55414	SCL	Closed	Low
76	Fina #7516	2520 University Ave. SE, Minneapolis, MN 55414	UST/AST	-	Low
			LUST	Closed 1/26/99	
			Spill	Spill 4268, related to UST	
76	Imperial 400 Motel Property	2500 University Ave. SE, Minneapolis, MN 55414	LUST	Closed	Low
162	Formerly Collins Towing	2425 4 th St. SE, Minneapolis, MN 55414	UST/AST	-	No
162	Chicago Northwestern Railroad	520 25 th Ave. SE, Minneapolis MN 55414	UST/AST	-	Low
			LUST	Closed	
162	Spencer Kellogg	525 25 th Ave. SE, Minneapolis MN 55414	UST/AST	-	Low
			Spill	Misc. chemical spill caused by equipment problems closed 1/1/96.	
162	Reichhold Chemical	525 25 th Ave. SE Minneapolis MN 55414	UST/AST	-	Medium
			LUST	Closed 12/10/97	
			Lg Gen	No violations listed.	
			Spill	Petroleum spill on tracks, closed 7/25/94	
			Spill	10 gallon mineral oil spill, occurred 5/7/93	
			Spill	700 gallon spill, closed 1/1/96	
	Spill	500 gallon spill, closed 6/13/91			
Reichhold Chemical	601 25 th Ave. SE, Minneapolis MN 55414	SCL	Low level DRO & other contaminants onsite. No offsite contamination found.		
162	Electric Steel Elevator	600 25 th Ave SE, Minneapolis, MN 55414	UST/AST	-	No
162	Peavey Electric Elevator	25 th Ave & 7 th St. SE, Minneapolis, MN 55414	LUST	Closed	Low
162	Kempf Paper Corp.	2525 SE 4 th St., Minneapolis, MN 55414	Sm Gen	-	No
162	Melroe Company	530 25th St. SE, Minneapolis, MN 55414	Spill	100 gal diesel, fuel tank ripped off by rail switch, closed 3/28/96	Low
162	Unknown	650 25th Ave. SE, Minneapolis, MN 55414	Spill	Abandoned, leaking barrels, closed 1/1/96	Low

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164	Savoie Supply	2613 SE 4 th St., Minneapolis, MN 55414	UST/AST	-	No
164	Parten Building	2633 SE 4 th St., Minneapolis, MN 55414	UST/AST	-	Low
	Renaissance Properties LTD	2633 4 th St. SE, Minneapolis, MN 55414	Lg Gen	No violations listed.	
29th Avenue Southeast Station					
No	Name	Address	Description	Notes	Risk Level
71	Octopus Car Wash	2910 University Ave. SE, Mpls., MN 55414	UST/AST	-	Low
			LUST	Closed	
71	Marigold Foods, Inc.	2929 University Ave. SE, Mpls., MN 55414	UST/AST	-	No
73	Pioneer Management Associates	2812 University Ave. SE, Minneapolis, MN 55414	UST/AST	-	No
73	USPS/University Station	2811 University Ave. SE, Mpls., MN 55414	UST/AST	-	Low
			LUST	Closed	
73	Group Health Inc.	2829 University Ave. SE, Minneapolis, MN 55414	UST/AST	-	Low
			LUST	Closed	
			SCL	Closed	
	Metpath Inc.	2829 University Ave. SE, Minneapolis, MN 55414	Sm Gen	-	
73	H C Osvald Co.	2828 University Ave., Minneapolis, MN 55414	UST/AST	-	Low
			Sm Gen	-	
			Spill	Spill 21015, 55 gal 3/95	
74	Prospect Park Amoco	2700 University Ave. SE, Minneapolis, MN 55414	UST/AST	-	Low
			LUST	Closed	
			Sm Gen	-	
74	University Professional enter	2701 University Ave SE, Minneapolis, MN 55414	LUST	Closed	Low
			SCL	Closed	
74	Bruce Printing Inc.	315 27 th Ave. SE, Minneapolis, MN 55414	Sm Gen	-	No
129	Boeser Inc.	2901 4 th SE, Minneapolis, MN 55414	LUST	Closed	Low
			SCL	Closed	
	Sander and Co., Inc.	2901 4 th St. SE, Minneapolis, MN 55414	Sm Gen	-	
	Midwest Repair Connection	2901 4 th St. SE, Minneapolis, MN 55414	Sm Gen	-	
	Stewart Manufacturing Co.	2901 SE 4 th St., Minneapolis, MN 55414	Sm Gen	-	
129	University of Minnesota Stone Lab	421 29 th Ave. SE, Minneapolis, MN 55414	Sm Gen	-	Low
			Lg Gen	No violations listed for this site.	
129	Archer Daniels Midland	419 29 th Ave. SE, Minneapolis, MN 55414	NFRAP	Designated No Further Remedial Action Planned on 8/13/90.	Medium
			SPL	In final stage of remediation – high levels of lead in soils, but no significant groundwater impact.	
138	T R Plating	2965 SE 4th St., Minneapolis, MN 55414	Spill	Spill 15106, 50 gal acidic chem., 7/91	Low

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169	Group Health Inc.	2829 University Ave. SE, Mpls., MN 55414	SCL	Closed	Low
169	Kings Forklift Services Co.	2727 4 th St., Minneapolis, MN 55414	Sm Gen	-	No
169	Ceres Contracting	2735 4 th St. SE, Minneapolis, MN 55414	Sm Gen	-	No
215	Advance Brass Aluminum Foundry Co.	One Malcolm Ave. SE, Minneapolis, MN 55414	Sm Gen	-	Medium
	Mel Schroeder, Inc.	One Malcolm Ave SE, Minneapolis, MN 55414	Lg Gen SCL	No violations listed for this site. No remediation has occurred. Not heavily contaminated. No groundwater data available.	
Between 29th Avenue Southeast Station and Westgate Avenue Station					
No.	Name	Address	Description	Notes	Risk Level
106	Kampa Tire Co.	3234 4 th St. SE, Minneapolis, MN 55414	UST/AST	-	No
106	C.F. Trucking and Wintz Investment Co.	3245 4 th St. SE, Minneapolis, MN 55414	NFRAP	Designated No Further Remedial Action Planned on 11/20/89.	Low
138	Ruffridge Johnson Equipment Co.	3024 4 th St. SE, Minneapolis, MN 55414	Sm Gen	-	No
138	Armadillo Automotive	409 30 th Ave. SE, Minneapolis, MN 55414	Sm Gen	-	No
138	Minuteman Auto	420 30 th Ave. SE, Minneapolis, MN 55414	ERNS	Closed	Low
			Spill	Disposal from auto repair shop, closed 2/15/99	
Westgate Avenue Station					
No.	Name	Address	Description	Notes	Risk Level
65	Conger Building	3400 University Ave. SE, Mpls., MN 55414	UST/AST	-	No
65	Hubbard Broadcasting, Inc.	3415 University Ave., St. Paul, MN 55114	UST/AST	-	Low
			LUST	Closed	
			Lg Gen	No violations were listed for this site.	
65	Property (Forest Lake State Bank)	61 Bedford St. SE, Mpls., MN 55414	UST/AST	-	No
65	Norwest Bank University Midway	3430 University Ave. SE, Minneapolis, MN 55414	Sm Gen	-	No
65	Carland Corp	61 Bedrord St. SE, Minneapolis, MN 55414	Sm Gen	-	No
66	Twenty-six Ten Building	2610 University Ave. W., St. Paul, MN 55114	UST/AST	-	No
66	Air Power Equipment Corp	2631 University Ave., St. Paul, MN 55114	UST/AST	-	No
66	U of M Bruce Building	2642 University Ave., St. Paul, MN 55114	UST/AST	-	Low
			LUST	Closed	
66	Intercity Truck Service	2555 Ellis Ave., St. Paul, MN 55114	UST/AST	-	No
			Sm Gen	-	

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66	Computer Chrome Inc.	2610 University Ave., St. Paul, MN 55114	Sm Gen	-	No
66	St. Paul Port Authority	2625 University Road, St. Paul, MN 55114	LUST	Closed	Low
67	Executive Car Care	2600 University Ave., St. Paul, MN 55114	UST/AST	-	No
67	Formerly U S Steel	2545 University Ave., St. Paul, MN 55114	UST/AST	-	No
67	Bic Vascular Inc.	2575 University Ave. W., St. Paul, MN 55114	Lg Gen	No violations were listed for this site.	Low
67	Court International Building	2550 University W., St. Paul, MN 55114	Sm Gen	-	No
69	SuperAmerica 4173	3357 University Ave. SE, Minneapolis, MN 55414	UST/AST	-	Low
			LUST	Closed	
			ERNS	5 gallons of gasoline were discharged to a storm drain on 10/23/95. Case number 311636	
69	Vacant Building	3338 University Ave. SE, Minneapolis, MN 55414	UST/AST	-	No
69	Tierney Brothers Inc.	3300 University Ave. SE, Mpls., MN 55414	UST/AST	-	No
69	Four Star Auto	3334 University Ave. SE, Mpls., MN 55414	LUST	Closed	Low
			Spill	Spill 21133 4 gal 4/95	
69	Superamerica	3350 University Ave. SE Minneapolis, MN 55414	Spill	Spill 27393 - 1 gal gs, 2/98	Low
			Spill	LUST, closed 1/1/96	
102	Dyno Tech	16 Bedford St. SE, Minneapolis, MN 55414	Sm Gen	-	No
102	Watkins/Schnitzer	Territorial Rd. & 4 th St. SE, Minneapolis, MN 55414	SCL	Closed	Low
197	Trooien Properties	1000 Berry St., St. Paul, MN 55114	UST/AST	-	No
197	Truck Terminal/Garage	2707 Territorial Rd., St. Paul, MN 55114	UST/AST	-	Low
			LUST	Closed	
197	CSM	Territorial Rd. & Westgate Dr., St. Paul, MN 55114	SCL	Closed	Low
197	U of M - Schnitzer	2703 Territorial Rd., St. Paul, MN 55114	SCL	OU-1, TSCA - Closed	Low
			SCL	OU-2, PCB/Lead - Closed	
			SCL	OU-3, Petroleum, ILF - Closed	
			SCL	OU-4, Petroleum/Reuse - Closed	
			SCL	OU-5, Poned Water - Closed	
			SCL	OU-6, GW - Closed	
			LUST	Closed	
			NFRAP	Designated No Further Remedial Action Planned on 3/5/90	
SPL	Delisted from Permanent List of Priorities.				
197	Office Furniture Spec Inc.	944 Westgate Dr., St. Paul, MN 55114	Sm Gen	-	No

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211	Admiral Merchants Motor Freights Inc.	2625 Territorial Rd., St. Paul, MN 55114	UST/AST	-	Low
	Westgate	2625 Territorial Rd., St. Paul, MN 55114	LUST	Closed	
	Leamington Real Estate	2625 Territorial Rd., St. Paul, MN 55114	LUST	Closed	
323	McCue Partners	965 Eustis St., St. Paul, MN 55114	UST/AST	-	No
329	Rivertown Trading Co.	1000 Westgate Dr., St. Paul, MN 55114	Sm Gen	-	No
Between Westgate Avenue Station and Raymond Avenue Station					
No.	Name	Address	Description	Notes	Risk Level
194	Budget Sign and Graphics	2474 Territorial Rd., St. Paul, MN 55114	Sm Gen	-	No
Raymond Avenue Station					
No.	Name	Address	Description	Notes	Risk Level
58	Total Petroleum #2421	2421 University Ave., St. Paul, MN 55114	LUST	Closed	Low
58	Metric Rebuilders Inc.	2418 University Ave., St. Paul, MN 55114	Sm Gen	-	No
58	Lot Lines Inc.	2429 University Ave., St. Paul, MN 55114	Sm Gen	-	No
58	ABF Industries, Inc.	2402 University Ave., St. Paul, MN 55114	Sm Gen	-	No
58/ 60	Olson Graphic Products	2446 and 2413-2425 University Ave., St. Paul, MN 55114	SCL	Surficial soil contaminated with TCE. Suspected to have migrated from facility located south of site.	Medium
			Sm Gen		
61	Cole Sewell Engine	2288 University Ave., St. Paul, MN 55114	UST/AST	-	No
61	Tetra Rex (Formerly Liquipak)	2285 University Ave., St. Paul, MN 55114	UST/AST	-	Low
			Spill	Gasoline spill, closed 8/2/94	
62	First Bank Midway	2383 University Ave., St. Paul, MN 55114	UST/AST	-	No
62	The Update Co.	2375 University, St. Paul, MN 55114	UST/AST	-	Low
			LUST	Closed	
62	Flag Builders	731 Raymond Ave., St. Paul, MN 55114	LUST	Closed	Low
	Steve's Cardboard	731 Raymond, St. Paul, MN 55114	Spill	Spill 29511 5 gal gasoline, 11/98	
62	Specialty Manufacturing	2356 University Ave., St. Paul, MN 55114	Sm Gen	-	Low
			SCL	Closed	
62	Merriam Park Services	University Ave. at Raymond, St. Paul, MN	Spill	Spill 17277 5 gal hydraulic fluid, 1/93	Low
62	Allied Plating	721 Raymond, St. Paul, MN 55114	Spill	Spill 4951 acid/base 4/89	Low
63	Midwest Jobbers Terminal Inc.	2334 University Ave., St. Paul, MN 55114	UST/AST	-	No
63	Johnson Bros. Liquor	706 Carleton St., St. Paul, MN 55114	UST/AST	-	Low
			LUST	Closed	

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63	Handy Medical Supply	2324 University Ave., St. Paul, MN 55114	Sm Gen	-	No
	Colorproof Printing Inc.	2324 University Ave. W., St. Paul, MN 55114	Sm Gen	-	
68	YTSMA Petronella	2500 University Ave. W., St. Paul, MN 55114	Sm Gen	-	No
	Popular Front Studio	2500 University E., St. Paul, MN 55114	Sm Gen	-	
68	St. Paul Linoleum	818 Cromwell Ave., St. Paul, MN 55114	Sm Gen	-	No
68	Westgate Office and Industrial Center	Hwy 280 & University Ave., Minneapolis, MN 55414	Lg Gen	No violations were listed for this site.	Low
			SCL	Closed	
101	Precision Offset	2340 Charles Ave., St. Paul, MN 55114	Sm Gen	-	No
101	Sumik Truck	Charles Carlton, St. Paul, MN 55114	Spill	Spill 21059, 15 gal diesel, 4/95	Low
101	Unknown	825 Carleton Ave., St. Paul, MN 55114	Spill	Spill 23161, 20 gal, 3/96	Low
186	Tony Anderson	2424 Territorial Rd., St. Paul, MN 55114	UST/AST	-	No
	Sternfels and Co. Inc.	2424 Territorial Rd., St. Paul, MN 55114	Sm Gen	-	
Between Raymond Avenue Station and Fairview Avenue Station					
No.	Name	Address	Description	Notes	Risk Level
119	Hassett Oil Co.	791 Hampden Ave., St. Paul, MN 55114	UST/AST	-	Low
			LUST	Closed	
	Northwestern SVC Inc.	791 Hampden, St. Paul, MN 55114	Sm Gen	-	
119	Former Bill's Economy Gas	781 Hampden Ave., St. Paul, MN 55114	LUST	Closed	Low
54	Rihm Motor Co.	2108 University Ave., St. Paul, MN 55114	UST/AST	-	Low
			LUST	Closed	
			Sm Gen	-	
54	K K Enterprises	2121 University Ave., St. Paul, MN 55114	UST/AST	-	Low
			Spill	Petroleum spill, closed 1/1/96	
54	American Consulting SVC	2102 University Ave., St. Paul, MN 55114	Sm Gen	-	No
	Visiongraphic Inc.	2102 University Ave., St. Paul, MN 55114	Sm Gen	-	
54	Electronic Easel	2124 University Ave. W Site B, St. Paul, MN 55114	Sm Gen	-	No
57	Mel's Truck Stop	2165 University Ave., St. Paul, MN 55114	LUST	Closed	Low
			UST/AST	-	
			SCL	No Action letters written for this site. Stated contamination is minimal, site will not be referred to the Superfund program.	
57	H E I/Waldorf	University & Vandalia, St. Paul, MN 55114	LUST	Closed	Low
57	Luminaire	2161 University Ave. W., St. Paul, MN 55114	Lg Gen	No violations were listed for this site.	Low

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57	Central Transport	Vandalia & University Ave., St. Paul, MN 55114	Spill	Spill 27252 20 gal diesel 1/98	Low
59	Wright Bldg	2232 University Ave., St. Paul, MN 55114	Sm Gen	-	No
59	Towle Real Estate	2233 University Ave., St. Paul, MN 55114	Sm Gen	-	No
59	Paster Enterprises	2227 University Ave., St. Paul, MN 55114	Sm Gen	-	No
64	Wayne Transport	2199 University Ave., St. Paul, MN 55114	Spill	Spill 29382, 15 gal gas, 11/6/98	Low
	Total mart #2421	2199 W. University St., St. Paul, MN 55114	UST/AST Spill	- Spill 23394 22 gal gas 4/24/96	
64	Millar Elevator Service Co.	2200 University Ave., St. Paul, MN 55114	Sm Gen	-	Low
	Mallinckrodt Medical Inc.	2200 University Ave. W., St. Paul, MN 55114	Sm Gen	-	
	University Crossing	2200 University Ave., St. Paul, MN 55114	SCL	Closed	
	Waldorf Corporation	2200 University Ave., St. Paul, MN 55114	Spill Spill	Petroleum spill, 20 yards, closed Spill 29387 20 gal petroleum	
166	RAM	2117 Charles Ave., St. Paul, MN 55114	Spill	Long term chemical base spillage, closed 1/1/96	Low
	Diversified Manufacturing	2117 Charles Ave., St. Paul, MN 55114	Spill	Spill 18868, 10 gal misc. chem. 12/93	
312	Sealy Mattress	825 Transfer Rd., St. Paul, MN 55114	UST/AST	-	Low
			Spill	Long term hydraulic fluid leakage from compressor, closed 1/1/96	
114	Knox Lumber Co.	573 & 602 N. Prior Ave., St. Paul, MN 55104	UST/AST	-	Low
			LUST	Closed 7/27/90	
			Spill	LUST, closed 1/1/96	
114	Fleischmann's Vinegar	582 N. Prior Ave., St. Paul, MN 55104	UST/AST	-	No
	Richter Vinegar Corp.	582 N. Prior Ave., St. Paul, MN 55104	UST/AST	-	
Fairview Avenue Station					
No.	Name	Address	Description	Notes	Risk Level
49	Executive Car Care	1825 University Ave., St. Paul, MN 5510449	UST/AST	-	Low
			LUST	Closed	
49	Hitching Post Inc.	1800 University Ave., St. Paul, MN 55104	UST/AST	-	No
			Sm Gen	-	
49	Griggs Midway Building	1821 University Ave., St. Paul, MN 55104	UST/AST	-	Low
			SCL	Closed	
			Spill	Entry error – tank site, not spill	
			Spill	100 gal petroleum, UST overfill, closed 1/1/96	
			Spill	2000 gal fuel oil, UST overfill, closed 1/1/96	
	Unknown	1821 University Ave., St. Paul, MN 55104	Spill	Spill 16993 petroleum, no data found.	
50	Twin City Engine Repair	1754 University Ave., St. Paul, MN 55104	LUST	Closed	Low

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50	Estate of Irving Schrader	1738 University, St. Paul, MN 55104	Sm Gen	-	No
51	Midway YMCA	1761 University Ave., St. Paul, MN 55104	UST/AST	-	No
51	Bonded Transmission	1790 University Ave., St. Paul, MN 55104	Sm Gen	-	Low
			SCL	Closed	
52	Midway Rental	1850 University Ave., St. Paul, MN 55104	UST/AST	-	Low
			LUST	Closed	
			Sm Gen	-	
52	Creative Art Services Inc.	1885 University Ave., St. Paul, MN 55104	Sm Gen	-	No
	Liz J Design	1885 University Ave. W, St. Paul, MN 55104	Sm Gen	-	
55	Space Center MN	545 Prior Ave., St. Paul, MN 55104	UST/AST	-	Low
	Yokum Oil	545 N. Prior Ave., St. Paul, MN 55104	Spill	Spill 17262, 2 gal petroleum 1/93	
55	Days Inn Midway	1964 University Ave., St. Paul, MN 55104	LUST	Closed	Low
55	Midwest Speedometer	1953 University, St. Paul, MN 55104	Sm Gen	-	No
55	Zane May	Prior Ave. & University Ave., St. Paul, MN 55104	SCL	Closed	Low
56	Administrative Services Center	1919 University Ave. SE, St. Paul, MN 55104	UST/AST	-	No
56	1919 University Ave.	St. Paul, MN 55104	SCL	Small quantities of solvents found in soil and groundwater. Offsite source suspected.	Medium
124	Royal Crown Beverage Co.	553 N. Fairview Ave., St. Paul, MN 55104	UST/AST	-	No
			Sm Gen	-	
124	7-Up & Royal Crown Bottling Co.	535 N. Fairview Avenue, St. Paul, MN 55104	LUST	Closed 4/24/90	Low
			Spill	Spill 8983, petroleum product from LUST closed 4/24/90.	
124	Liberty Press	540 N. Fairview Avenue, St. Paul, MN 55104	Sm Gen	-	No
176	RC Bottling Co.	1939 Charles Ave., St. Paul, MN 55104	UST/AST	-	No
176	Future Companies Corp.	1907 Charles Ave., St. Paul, MN 55104	Sm Gen	Transports wastes by road for self. No violations listed.	No
192	Ving David	432 N. Wheeler St., St. Paul, MN	Spill	Petroleum spill from AST, closed 1/1/96	Low
307*	Thompson-Hayward Chemical Co.	584 N. Fairview Ave., St. Paul, MN 55104	UST/AST	-	High

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	Harcross Chemical Co.	584 N. Fairview Ave., St. Paul, MN 55104	UST/AST	-	
			Lg Gen	No violations listed for this site.	
			SCL	Investigation currently underway of a chlorinated solvent plume flowing offsite to southwest, across University Avenue.	
			ERNS	200 gal Potassium Hydroxide. Case 431841, closed 6/30/00	
			Spill	100 gal. sodium xylene sulphinate, closed 1/12/99	
			Spill	Underground line chem./water leak, closed 4/28/97	
			Spill	200 gal. potassium hydroxide, closed 6/30/00	
Between Fairview Avenue Station and Snelling Avenue Station					
No	Name	Address	Description	Notes	Risk Level
48	Goodyear ASC	1671 University Ave., St. Paul, MN 55104	UST/AST	-	No
48	Midway Hospital	1700 University Ave., St. Paul, MN 55104	LUST	Closed	Low
			UST/AST	-	
48	University Park Radiology	1690 University Ave., St. Paul, MN 55104	Sm Gen	-	No
	Thayer Jerome J DDS	1690 University Ave., St. Paul, MN 55104	Sm Gen	-	
	Minnesota Foot and Ankle Center PA	1690 University Ave., St. Paul, MN 55104	Sm Gen	-	
	CRPL	1690 University Ave., St. Paul, MN 55104	Sm Gen	-	
53	Marsden Maintenance Co.	1717 University Ave., St. Paul, MN 55104	UST/AST	-	Low
			LUST	Closed	
			Spill	Spill 5281 misc chem 6/89	
	American Security	1717 University Ave., St. Paul, MN 55104	Spill	370 gal petroleum released when a hose broke, closed 1/1/96	
172	Health East Mid Hospital	435 Aldine, St. Paul, MN 55104	UST/AST	-	No
Snelling Avenue Station					
No	Name	Address	Description	Notes	Risk Level
44	Central Baptist Church	420 Roy St., St. Paul, MN 55104	UST/AST	-	No
44	Spruce Tree Photo	1600 University Ave B, St. Paul, MN 55104	LUST	Closed	Low
			SCL	Closed	
44	Amoco SS #5220	485 S. Snelling, St. Paul, MN 55104	LUST	Closed	Low
44	Midway National Bank	1578 University Ave., St. Paul, MN 55104	LUST	Closed	Low
44	Midway Electronics Inc.	1609 University Ave., St. Paul, MN 55104	Sm Gen	-	No
44	Dakota Bank	1581 University Ave., St. Paul, MN 55104	SCL	Closed	Low
			Spill	Spill 27947, same as SCL contam.	
46	Skeffington's Formal Wear	1636 University Ave., St. Paul, MN 55104	Sm Gen	-	No

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46	Metro Dentalcare Midway	1630 University Ave., St. Paul, MN 55104	Sm Gen	-	No
47	Kline Automotive	1491 West University, St. Paul, MN 55104	Sm Gen	-	No
47	Linoleum	1505 University Ave., St. Paul, MN 55104	Sm Gen	-	No
47	Econo Clean	1508 University Ave., St. Paul, MN 55104	Sm Gen	-	No
47	BFI	1526 University Ave, SP 55104	Spill	Spill 22422, 35 gal hydraulic fluid 9/95	Low
193	Bethlehem Lutheran Church	436 N. Roy St., St. Paul, MN 55104	UST/AST	-	No
193	Arrow Pontiac Inc.	427 N. Snelling Ave., St. Paul, MN 55104	UST/AST LUST	- Closed	Low
Between Snelling Avenue Station and Lexington Avenue Station					
No.	Name	Address	Description	Notes	Risk Level
42	Miller Building	1360 University Ave., St. Paul, MN 55104	LUST	Closed	Low
42	Amoco SS#5238	1347 University Ave., St. Paul, MN 55104	LUST	Closed	Low
			UST/AST	-	
			Spill	Spill 18699 4 gal gas, 11/93	
			Spill	Spill 23342 17 gal gas 4/96	
	ACA Management 387	1347 University Ave. W., St. Paul, MN 55104	Sm Gen	-	
42	Midway Marketplace	University Ave. & Hamline, St. Paul, MN 55104	SCL	Closed	Low
43	Midway Chevrolet Co.	1389 University Ave., St. Paul, MN 55104	UST/AST	-	Low
			LUST	Closed 3/27/90	
			Spill	Same as closed LUST	
			Sm Gen	-	
43	Montgomery Wards	1400 University Ave., St. Paul, MN 55104	UST/AST	-	Low
			LUST	Closed	
43	Vetsmart Pet Hospital No. 466	1410 University Ave. W., St. Paul, MN 55101	Sm Gen	-	No
45	Mowrey Company Surface Imp.	Area encompassed by University Ave., Pascal St., Albert St., and Sherburne Ave., St. Paul, MN 55104	SWLF	Landfill contained metal and a small seepage pit that was filled in. No documentation exists stating the site has been cleaned.	High
45	Metro Mazda- BMW, Inc.	1469 University Ave., St. Paul, MN 55104	UST/AST	-	No
45	Titan Realty	1457 University Ave., St. Paul, MN 55104	UST/AST	-	No
45	Wards Midway	University Ave. & Pascal St., St. Paul, MN 55104	SCL	Closed	Low
45	Kmart	1450 University Ave., St. Paul, MN 55104	Spill	Spill 26363 5 gal wastewater 8/97	Low

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40	Bureau of Criminal App.	1246 University Ave., St. Paul, MN 55104	UST/AST	-	Low
	VWR Scientific	1246 University Ave., St. Paul, MN 55104	Spill	Spill 30770, 125 grams chem, 7/99	
40	Whitaker Buick Co.	1225 University Ave., St. Paul, MN 55104	UST/AST	-	Low
			LUST	Closed	
			Sm Gen	-	
			Spill	LUST, closed 1/1/96	
	Rollins Lubetech	1225 University Ave., St. Paul, MN 55104	Spill	Spill 28271 10 gal trans fluid 6/98	
	Safety Kleen	1225 University Ave., St. Paul, MN 55104	Spill	Spill 30114 4/99 10 gal trans fluid Petroleum spill from truck, closed 1/1/96	
40	Retrofit Recycling Inc.	1222 University Ave., St. Paul, MN 55104	Lg Gen	No violations were listed for this site.	Low
127	Bigelow Building	450 N. Syndicate Site B., St. Paul, MN 55104	Sm Gen	-	No
Lexington Avenue Station					
No.	Name	Address	Description	Notes	Risk Level
35	Midway Express Car Wash	1169 University Ave. W., St. Paul, MN 55104	LUST	Closed	Low
35	Unknown	1159 University Ave., St. Paul, MN 55104	Spill	Spill 12962, 15 gal petroleum 12/89	Low
36	Ronald Hubb Life Long Literacy	1040 University Ave., St. Paul, MN 55104	UST/AST	-	No
36	Autozone-University	1061 University Ave. W., St. Paul, MN 55104	SCL	Contaminants, including PCBs, are still present at the site.	High
	Midway Rental	1061 University Ave. W, St. Paul, MN 55104	Spill	1 gallon oil spill occurred 3/92.	
38	Amoco SS#5016	1111 University Ave., St. Paul, MN 55104	UST/AST	-	Low
			LUST	Closed	
38	Former Union Oil Station #52-9280-11	1089 University Ave., St. Paul, MN 55104	UST/AST	-	No
41	Abra Auto Body	1190 University Ave., St. Paul, MN 55104	UST/AST	-	No
	Prom Center	1190 University Ave., St. Paul, MN 55104	UST/AST	-	
41	3M Corporation	1210 University Ave., St. Paul, MN 55104	UST/AST	-	Low
			LUST	Closed	
			ERNS	10 lbs. chlorine discharged to atmosphere on 7/3/96.	
			Spill	Spill 25377, 40-gal hydraulic fluid 4/97	
41	Whitaker Buick	494 Griggs, St. Paul, MN 55104	LUST	Closed	Low
150	St. Paul Electroplating, Inc.	1048 Aurora Ave., St. Paul, MN 55104	UST/AST	-	No
			Sm Gen	-	
163	University Strip Mall	458-476 Lexington Parkway, St. Paul, MN 55104	SCL	Closed	Low

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Between Lexington Avenue Station and Dale Street Station					
No.	Name	Address	Description	Notes	Risk Level
30	Latuff Bros	900 University Ave., St. Paul, MN 55104	UST/AST	-	Low
			LUST	Closed	
			Sm Gen	-	
30	U-Haul center	883 University Ave., St. Paul, MN 55104	UST/AST	-	Low
			LUST	Closed	
30	Unknown	880 University Ave., St. Paul, MN 55104	Spill	Spill 15623, 30 gal petroleum, 12/91	Low
32	Crazy Louis	859 University Ave. W., St. Paul, MN 55104	UST/AST	-	Low
			LUST	Closed	
32	Car X Muffler Shops	861 University Ave., St. Paul, MN 55104	Sm Gen	-	No
34	Midwest Motor Co.	923 University, St. Paul, MN 55104	UST/AST	-	No
37	Wilkins Dodge City	1013 University Ave., St. Paul, MN 55104	UST/AST	-	No
			Sm Gen	-	
37	Wilkins Lincoln Mercury Toyota	1020 University Ave., St. Paul, MN 55104	UST/AST	-	No
37	Capitol Carbide	1000 University Ave., St. Paul, MN 55104	Sm Gen	-	Low
	G T Parts Co.	1000 University Ave., St. Paul, MN 55104	Lg Gen	No violations were listed for this site.	
37	TV Times	1010 University Ave., St. Paul, MN 55104	Sm Gen	-	No
37	Autocon Industries	995 University, St. Paul, MN 55104	Sm Gen	-	No
39	SuperAmerica #4421	970 University Ave., St. Paul, MN 55104	UST/AST	-	Low
			Spill	Spill 8853 6 gal petroleum 9/89	
39	Courier Graphics	962 University Ave., St. Paul, MN 55104	Sm Gen	-	No
149	NSP	1004 West Aurora Ave., St. Paul, MN 55104	ERNS	10-gallon mineral oil spill. Case number 256188, 8/18/94.	Low
			Spill	Spill 20012, 15 gal mineral oil, 8/94	
31	Appliance City	785 University Ave., St. Paul, MN 55104	Spill	Unknown, closed 1/1/96	Low
33	Park Repair	741 University Ave., St. Paul, MN 55104	UST/AST	-	No
	Schultzs Auto and Truck Service, Inc.	741 University Ave., St. Paul, MN 55104	Sm Gen	-	
Dale Street Station					
No.	Name	Address	Description	Notes	Risk Level
26	Twin City Used Appliances	654 University Ave. W., St. Paul, MN 55104	Sm Gen	-	No
26	Dakota Microfilm SVC Inc.	501 Dale St., St. Paul, MN 55104	Sm Gen	-	No
28	Tires Plus	600 University Ave. W., St. Paul, MN 55103	UST/AST	-	No
28	Butch's Custom, Inc.	585 University Ave. W., St. Paul, MN 55103	Sm Gen	-	No

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28	WayneWood and Associates PA	588 University Ave., St. Paul, MN 55103	Sm Gen	-	No
28	E and J Cleaners	577 University Ave., St. Paul, MN 55103	Sm Gen	-	Low
			Spill	Spill 13473, 25 gal other 4/90	
29	Unilease, Inc.	555 University, St. Paul, MN 55103	Sm Gen	-	No
Between Dale Street Station and Rice Street Station					
No.	Name	Address	Description	Notes	Risk Level
25	Crown Auto, Inc.	468 University Ave., St. Paul, MN 55103	UST/AST	-	No
25	Rapit Printing 6	490 University Ave., St. Paul, MN 55103	Sm Gen	-	Low
	Landscape Supplies	490 W Univ, SP 55103	Spill	Spill 29236, 20 gal diesel 10/98	
25	Huynh Tuan A DDS	475 University Ave., St. Paul, MN 55103	Sm Gen	-	No
25	Model Cities Abrams Clinic	491 University, St. Paul, MN 55103	Sm Gen	-	No
27	Twin City Auto Electric, Inc.	507 University Ave., St. Paul, MN 55103	Sm Gen	-	No
22	Old Home Foods	370 University Ave., St. Paul, MN 55103	UST/AST	-	Low
			LUST	Closed	
			SCL	Closed	
23	Unknown	432 University Ave., St. Paul, MN 55103	Spill	Pails dumped, closed 8/18/95	Low
	Custom Auto Repair	432 University Ave., St. Paul, MN 55103	Spill	Unknown, closed 1/1/96	
24	Teamsters Local #120	320 University Ave., St. Paul, MN 55103	UST/AST	-	No
145	Teresa Davidson	353 Sherburne, St. Paul, MN 55103	Spill	Petroleum leak from AST, closed 1/1/96	Low
Rice Street Station					
No.	Name	Address	Description	Notes	Risk Level
18	League of MN Cities (former garage)	145 W. University Ave., St. Paul, MN 55103	UST/AST	-	Low
			LUST	Closed	
18	National Fleet	166 University Ave., St. Paul, MN 55103	Sm Gen	-	No
18	Rice & University	Corner of Rice St. & University Ave., St. Paul, MN 55155	SCL	No remedial action is necessary.	Low
19	Saxon Ron Ford Inc.	225 University Ave., St. Paul, MN 55103	UST/AST	-	No
21	MN State Capitol Building	University Ave. & Capital St., St. Paul, MN 55155	UST/AST	-	No
21	State of Minnesota	50 Sherburne Ave., St. Paul, MN 55155	Spill	Spill - 17242, 25 lb. misc. chem. 12/92	Low
204	Capitol Office Building	525 Park St., St. Paul, MN 55103	SCL	Closed	Low
204	Mode, Inc.	555 Park St., St. Paul, MN 55103	Spill	Spill 24367, 10 gal gas, 9/96	Low

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Between Rice Street Station and East End of Proposed Project					
No.	Name	Address	Description	Notes	Risk Level
1**	Agri Bank	375 Jackson St., St. Paul, MN 55101	UST/AST	-	No
	Frauenschuh Farm Credit Building	375 Jackson St., St. Paul, MN 55101	Sm Gen	-	
1**	Ritz Camera 393	175 E 5 th St., St. Paul, MN 55101	Sm Gen	-	No
1**	Galtier Plaza	5th St. & Jackson St., St. Paul, MN 55101	Spill	Spill 5681 waste water 7/89	Low
1**	Rudolph's BBQ	5th St. & Jackson St., St. Paul, MN 55101	Spill	Complaint, closed 1/1/96	Low
2*	Pioneer Endicott Buildings	336 Robert Street, St. Paul, MN 55101	UST	-	No
2*	Unknown	316 N. Robert St.	Spill	Spill 21750. Asbestos danger. No file kept.	Low
2*	Kellogg Square Apartments	111 E. Kellogg Blvd., St. Paul, MN 55101	Sm Gen	-	No
	Orthopaedic Surgery PA	111 E. Kellogg Blvd., St. Paul, MN 55101	Sm Gen	-	
4**	Straus Knitting Boulevard	350 Sibley St., St. Paul, MN 55101	UST/AST	-	No
4**	U.S. Army Corps of Engineers	190 5 th St. E., St. Paul, MN 55101	Sm Gen	-	No
4**	Metropolitan Council	230 E. 5 th St., St. Paul, MN 55101	Sm Gen	-	Low
	MWCC Ash Disposal Site	230 East 5 th St., St. Paul, MN 55101	SWLF	Resource recovery & industrial facility closed, incinerator active	
5**	Metro Square Lot 2	440 Sibley St., St. Paul, MN 55101	LUST	Closed	Low
5**	BWBR Architects	400 Sibley St., Suite 500, St. Paul, MN 55101	Sm Gen	-	No
5**	Uniforms Unlimited	189 E. 7 th Pl., St. Paul, MN 55101	Lg Gen	No violations were listed for this site.	Low
5**	Sibley Park Apartments	221 Seventh St. E., St. Paul, MN 55102	SCL	Closed	Low
8**	First National Bank of St. Paul	W. 1390 332 Minnesota St., St. Paul, MN 55101	Sm Gen	-	No
8**	National Business Systems, Inc.	332 Minnesota St. Room 1, St. Paul, MN 55101	Sm Gen	-	No
9**	Degree of Honor Building	325 Cedar St., St. Paul, MN 55101	Sm Gen	-	No
9**	Quik Print Systems, Inc.	42 E. 4 th St., St. Paul, MN 55101	Sm Gen	-	No
9**	4 th and Cedar	4 th and Cedar, St. Paul, MN 55101	SCL	No Association Determination received 7/00, but contamination exists at the site.	Medium
9**	St. Paul Pioneer Press	345 Cedar St., St. Paul, MN 55101	UST/AST	-	No
			Sm Gen	-	
15**	MN Dept. of Admin. Printcom	117 University Ave., St. Paul, MN 55155	Sm Gen	-	No

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16**	Central Heating Plant	11-1/2 E. Aurora Ave., St. Paul, MN 55155	UST/AST	-	No
16**	Gould Inc. Ind. Battery Division	100 University Ave., St. Paul, MN 55104	CORRACTS	The State determined on 9/26/97 that an RFI & remediation are not necessary. The State determined on 9/30/97 that control measures are not necessary when there is no release to groundwater.	Low
17**	Auto Center St. Paul	175 E. 8 th St., St. Paul, MN 55101	Sm Gen	-	No
17**	Metro Square	7 th and Jackson, St. Paul, MN 55101	LUST	Closed	Low
20**	State Capital Power Complex	Park Lot Complex M, St. Paul, MN 55155	LUST	Closed	Low
20**	Lefever Son Trucking	Cedar St. & University Ave., St. Paul, MN 55155	Spill	Spill - 30826, 25 gal hydraulic fluid 7/99	Low
98*	Rossmar Building	500 N. Robert St., St. Paul, MN 55101	UST/AST	-	No
98*	Goodyear Garage	109 E. 9 th St., St. Paul, MN 55101	UST/AST	-	Low
			LUST	Closed	
			Sm Gen	-	
98*	St. Paul Public Safety Building	101 E. 10 th St., St. Paul, MN 55101	UST/AST	-	No
98*	Fire Police Headquarters	100 E. 10 th St., St. Paul, MN 55101	UST/AST	-	No
98*	Stockstead Prop	134 E. 9 th St., St. Paul, MN 55101	LUST	Closed	Low
98*	Kartarik Litho Svc Inc.	145 E. 10 th St., St. Paul, MN 55101	Sm Gen	-	No
98*	Stationers Engraving Inc.	128 E. 10 th St., St. Paul, MN 55101	Sm Gen	-	No
98*	Pomeroy's Animal Hospital	185 E. 7 th , St. Paul, MN 55101	Sm Gen	-	No
98*	Acosta Studios Custom Framing	500 N. Robert, St. Paul, MN 55101	Sm Gen	-	No
	Walman Optical Co.	500 N. Robert, St. Paul, MN 55101	Sm Gen	-	
	Belair Thomas Printing	500 N. Robert St., St. Paul, MN 55101	Sm Gen	-	
	Golubowicz Gene Photography	500 N. Robert, St. Paul, MN 55101	Sm Gen	-	
	David Erler Cabinets	500 N. Robert St., St. Paul, MN 55101	Sm Gen	-	
	Daniel Bruggeman	500 N. Robert St., St. Paul, MN 55101	Sm Gen	-	
	Exit Photography	500 N. Robert St., St. Paul, MN 55101	Sm Gen	-	
	Barnier O'Brien Co.	500 N. Robert St., St. Paul, MN 55101	Sm Gen	-	
98*	The Pedro Companies	104 E. 10 th St., St. Paul, MN 55101	Sm Gen	-	No

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98*	Public Safety Building Annex	100 E. 10 th St., St. Paul, MN 55101	Sm Gen	-	No
99	Empire Building	360 N. Robert St., St. Paul, MN 55101	UST/AST	-	No
99	Belair Thomas Printing	140 E 5 th St., St. Paul, MN 55101	Sm Gen	-	No
103	Elvgren Paint Supply	139 E. 7 th St., St. Paul, MN 55101	UST/AST	-	No
103	Department of Commerce Bldg.	133 E. 7 th St., St. Paul, MN 55101	LUST	Closed	Low
105**	Printing Solutions	231 E. 6 th St., St. Paul, MN 55101	Sm Gen	-	No
105**	Buckbee-Mears	245 E. 6 th St., St. Paul, MN	Spill	Spill 26133, unknown amt. 7/11/97	High
			Spill	Spill 15086, 150-gal misc. chem. on 7/19/91	
			Spill	Spill 14613, 100-gal misc. chem. on 3/26/91	
			Spill	Spill 115257, 200-gal chemical acidic on 8/27/91	
			Spill	Spill 21706, fire reported on 6/14/95	
			Spill	Spill 22169, 5-gal misc. chem. on 8/17/95	
			Spill	Spill 17991, nitrogen dioxide release on 6/24/93	
			Spill	Spill 20629, 500-gal misc. chem. on 12/10/94	
			Spill	Spill 1378, #5 fuel oil 8/26/85	
			Spill	Spill 16458, ¼ cup ferric chloride on 7/1/92	
			Spill	Spill 13023, 1 gal petroleum product on 1/10/90	
			Spill	Spill 15499, 340-gal misc. chem. on 11/5/91, 330-325-gal to pretreatment system	
			Spill	Spill 16580, 1-gal unknown substance on 7/31/92	
			Spill	Spill 16955, 8oz. misc. chem. on 10/27/92	
			Spill	Spill 17857, pH violation 5/24/93	
			Spill	Spill 18774, 8 oz wastewater on 11/24/93	
			Spill	Spill 17329, misc. chem. unknown quantity. on 1/20/93	
			Spill	Spill 18046, 1 lb. chlorine 6/26/93	
			Spill	Spill 17804, 2-gal hydrochloric acid on 5/14/93	
			Spill	Spill 17938, unknown substance and quantity on 5/24/93	
			Spill	Spill 21800, 1-gallon wastewater on 6/24/95	
			Spill	Spill 15514, 720-gal misc. chem. on 11/11/91	
			ERNS	Thiourea spill to concrete on 11/11/91, case number 95854	

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			ERNS	200-gallons dichloromethane to carpet 4/22/90, case number 18387	
			ERNS	200-gallons wastewater spill to concrete parking ramp on 8/27/91, case number 85773	
			ERNS	500-gallons ethylene glycol spill to sanitary sewer on 12/10/94, case number 272773	
			ERNS	5-gallons copper chloride to concrete and asphalt on 8/17/95	
			UST/AST	-	
			NFRAP	Discovery on 3/4/91, preliminary assessment conducted and deferred to RCRA on 12/11/91	
			LUST	Closed	
			CORRACTS	State determined on 9/8/98 that a investigation and remediation not necessary, facility assigned low corrective action priority on 3/31/92, human exposure was determined applicable on 9/30/97, groundwater release was determined applicable on 9/8/98.	
			Lg Gen	No violations listed for this site.	
			TSD	Site managed a RCRA regulated waste, which was stored in a 21,975-gal container.	
116	Princeton Bank Building	360 Cedar St., St. Paul, MN 55101	Sm Gen	-	No
116	Princeton Bank Building	50 E. 5 th St., St. Paul, MN 55101	Sm Gen	-	No
116	Skyway Print and Copy	55 E. 5 th St., St. Paul, MN 55101	NFRAP	Designated No Further Remedial Action Planned on 8/1/84.	Low
			Sm Gen	-	
137	America National Bank of St. Paul	101 E. 5 th St., St. Paul, MN 55101	UST/AST		Low
			LUST	Closed	
			Sm Gen	-	
157	Metro Square Partnership	121 E. 7 th St., St. Paul, MN 55101	UST/AST	-	No
	Copy Right	121 E. 7 th Pl., St. Paul, MN 55101	Sm Gen	-	
165**	Lancer Service Inc.	227 8 th St. E., St. Paul, MN 55101	UST/AST	-	No
165**	Lowertown Printing	245 E. 7 th St., St. Paul, MN 55101	UST/AST	-	No
165**	Midwest Radiator Inc.	270 E. 8 th St., St. Paul, MN 55101	Sm Gen	-	No
167	MN Mutual Life Insurance	400 Robert St. N., St. Paul, MN 55101	UST/AST	-	No
167	Twin City Federal Savings Loan Ass.	405 N. Robert St., St. Paul, MN 55101	UST/AST	-	No

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167	American National Bank Motorbank	104 E. 6 th St., St. Paul, MN 55101	UST/AST	-	No
174*	Amoco SS #5091	542 S. Robert St., St. Paul, MN 55101	UST/AST	-	Low
			LUST	Closed	
174*	Schafer Construction	Robert St. & I-94 East, St. Paul, MN	ERNS	Natural gas release. Case number 45153, 10/26/90.	Low
174*	Public Safety Building	100 E. 11 th St., St. Paul, MN 55101	Sm Gen	-	Low
	Yokum Oil	100 E. 11 th St., St. Paul, MN 55101	Spill	Spill 28755, 8/98, 8-gal. gas	
			Spill	Spill 31024, 10-gal gas, 8/99	
175	MN Motor Vehicle Fleet Service Building	610 N. Robert St., St. Paul, MN 55101	UST/AST	-	Low
			LUST	Closed	
	MN DOA Travel Management	610 N. Robert St., St. Paul, MN 55101	LUST	Closed	
			Sm Gen	Transports wastes by road for hire. No violations listed.	
	State of MN	610 Robert St., St. Paul, MN 55101	Spill	Spill 24978, 10-gal motor oil, 1/97	
			Spill	Spill 20234, 15-gal petroleum, 9/94	
Spill	Spill 20088, 10-gal motor oil, 8/94				
175	State of MN/Grounds Dept.	635 N. Robert St., St. Paul, MN 55101	UST/AST	-	Low
	Prop Department of Revenue Site	635 Robert St., St. Paul, MN 55101	LUST	Closed	
184**	St. Paul Employment Ctr	215 E. 9 th St., St. Paul, MN 55101	UST/AST	-	No
184**	United Electric	512 Sibley, St. Paul, MN 55101	LUST	Closed	Low
184**	St. Paul Public Works	494 Sibley St., St. Paul, MN 55101	Spill	Equipment failure, wastewater leakage, closed 9/19/96	Low
201**	Cardia Catheter Co.	261 E. 5 th St., St. Paul, MN 55101	Sm Gen	-	No
	Microstructures Inc.	261 E. 5 th St., St. Paul, MN 55101	Sm Gen	-	
	St. Paul Business-Tech Center	261 E. 5 th St., St. Paul, MN 55101	UST/AST	-	
			Sm Gen	-	
	M I Circuits	261 E. 5 th St., St. Paul, MN 55101	Sm Gen	-	
	Scientific Coatings	261 E. 5 th St., St. Paul, MN 55101	Sm Gen	-	
Applied Physical Sciences Inc.	261 E. 5 th St., St. Paul, MN 55101	Sm Gen	-		
203	Holiday Inn	411 Minnesota St., St. Paul, MN 55101	UST/AST	-	No
203	Quik Print	381 Minnesota St., St. Paul, MN 55101	Sm Gen	-	No
203	American National Bank	6th & Minnesota, St. Paul, MN 55101	Spill	Pipeline break/leak, closed 12/1/95	Low
208	Land Management Information Center	658 Cedar St., St. Paul, MN 55101	Sm Gen	-	No

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208	Minnesota State Capitol	75 Constitution Ave., St. Paul, MN 55101	UST/AST	-	No
221	Metz Banking	97 E. 12 th St., St. Paul, MN 55101	UST/AST	-	Low
			LUST	Closed	
			Spill	LUST - Closed	
243*	Minnesota Legislative GIS Office	100 Constitution Avenue, St. Paul, MN 55101	Sm Gen	-	No
			UST/AST	-	
243*	Transportation Building	395 John Ireland Blvd., St. Paul, MN 55104	UST/AST	-	Low
	Minnesota Department of Transportation	395 John Ireland Blvd., St. Paul, MN 55104	Spill	Spill 18480, 500-gallon misc. chemicals due to machine clog.	
			LUST	Closed 6/26/95	
243*	Minnesota Department of Transportation	365 John Ireland Blvd., St. Paul, MN 55104	SCL	Closed	Low
243*	MN Department of Transportation	John Ireland Blvd., St. Paul MN 55155	Lg Gen	No violations listed.	Low
266	NCL/Town Square	445 Minnesota St., Suite 700, St. Paul, MN 55101	UST/AST	-	No
266	Center City Inn	77 E. 9 th St., St. Paul, MN 55101	UST/AST	-	No
266	Minnesota Public Radio	45 E. 7 th St., St. Paul, MN 55101	Sm Gen	-	No
285*	Steve Sumner	78 E. 10 th St., St. Paul, MN	Spill	Spill 24117, used or waste oil of unknown amount. Oil observed in garage floor drain on 8/6/96	Low
295*	American Red Cross	100 S. Robert Street, St. Paul, MN 55107	LUST	Closed 3/11/98	Low
			UST/AST	-	
			Spill	Lab pack spill	
296**	Bethesda-Health East	559 Capitol Blvd., St. Paul, MN 55103	UST/AST	-	No
304	Centennial Office Building	658 Cedar St. St. Paul, MN 55101	UST/AST	-	No
A1 & A2*	220 Fillmore Avenue East	220 Fillmore Avenue East, St. Paul, MN 55107	Spill	Spill 24733, up to 55-gallons of kerosene spilled onto driveway. Reported 11/19/96.	Medium
	Twin City Newspaper Services	220 Fillmore Avenue East, St. Paul, MN 55107	LUST	Additional Sampling requested by MPCA 6/01. Diesel fuel & gasoline release to groundwater and soil. No offsite migration	
			UST/AST	-	
B4 – 8*	American National Can Corporation	139 Eva Street, St. Paul, MN 55107	LUST	Closed 7/29/94	Low
			Spill	Spill 14439, 30-gallon water based spill. Reported 1/18/91.	
			Spill	Spill 16305, 25-gallon oil/water mix spill. Reported 6/2/92.	
	National Can Corporation	139 Eva Street, St. Paul, MN 55107	UST/AST	-	
	Rexam Beverage Can Co.	139 Eva Street, St. Paul, MN 55107	Lg Gen	Low priority violation reported 8/28/87. Compliance achieved 10/20/87.	
LUST			Closed 6/29/95		

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C9*	Valspar Paint	106 West Fillmore, St. Paul, MN 55107	Sm Gen	-	No
D10*	Martinez Corp.	240 E. Fillmore, St. Paul, MN 55107	Sm Gen	-	No
13 & E17 & E16*	American Hoist Derrick Co.	63 S. Robert St., St. Paul, MN 55107	CORRACTS	Human exposure and migration of contaminated groundwater under control.	High
			Sm Gen	-	
	UST/AST	-			
	Fillmore Corner Parking Lot	63 S. Robert St. S., St. Paul, MN 55107	LUST	Fuel Oil 1 & 2 released. Unknown if soils and groundwater contaminated. Limited Site Investigation conducted. Additional work requested by MPCA.	
C14*	American Red Cross	100 Robert St. S., St. Paul, MN 55107	LUST	Closed 3/11/98	Low
			UST/AST	-	
18*	Glass Service Company	150 Eva Street, St. Paul, MN 55107	Sm Gen	-	No
22*	Fox Chemical	137-149 S. Robert St., St. Paul, MN 55107	SCL	Received No Association Determination 4/1/97, but current presence of impacted soils or groundwater at the site is unknown.	Medium
G23 & G24*	United Parcel Service	150 State St., St. Paul, MN 55107	UST/AST	-	Low
			LUST	Closed 10/12/94	
H26 & H27*	Purex Inc. Hilex Division	149 S. Robert St., St. Paul, MN 55107	Sm Gen	-	Low
	Former Fox Chemical	149 S. Robert St., St. Paul, MN 55107	LUST	Closed 3/20/98	
29*	Riverview Area	Plato Boulevard/Robert Street, St. Paul, MN 55107	SCL	Received No Association Determination 1/30/01 & 5/18/01, but current presence of impacted soils or groundwater at site is unknown.	Medium

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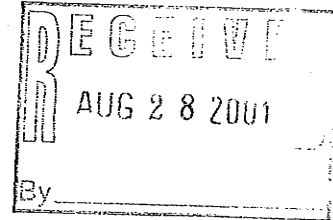
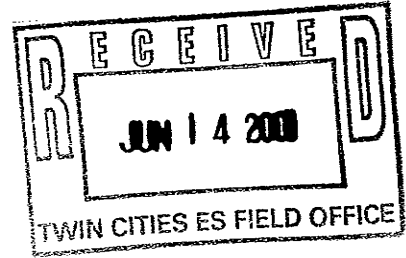
9.7 LISTED SPECIES



BRW, Inc.

June 13, 2001

Nick Rowse
US Fish and Wildlife Service
4101 East 80th Street
Bloomington, MN 55425-1665



Dear Nick,

On behalf of Central Corridor Development Authority, I am requesting a review of the federal records for the potential Threatened or Endangered species for the Central Corridor Rail Project. The information will be used to determine potential impacts and mitigation measures for avoidance. A copy of the review will be included in the upcoming EIS.

Alternatives for this project include two light rail transit options and one busway option. The majority of project site is along the existing University Avenue from its junction with 29th Avenue Southeast in Minneapolis to its junction with Rice Street in St. Paul. Nine potential station locations have been identified along this portion of the corridor. An additional 14 station sites are proposed west of 29th Avenue Southeast in downtown Minneapolis; and 7 are proposed east of Rice Street in downtown St. Paul among the alternate alignments. There are two proposed Mississippi River crossings in downtown Minneapolis – the existing Washington Avenue Southeast and the existing 10th Avenue Southeast. There is one proposed crossing in downtown St. Paul – the existing Robert Street North. The adjacent land use along the corridor is mostly developed with commercial properties.

Enclosed is a map of the project area with a list of the sections of which the corridor passes through. Please review the federal records to determine if any Threatened or Endangered species are located in proximity to the project corridor. I have contacted the MnDNR to request a database search through their Natural Heritage Program. I have also contacted the MnDOT biologist to review their records of Federal Threatened and Endangered species within the project area.

I can be reached at 612-373-6867 if you have any questions or need additional information to complete the review. Thank you for your time and assistance with this matter.

Sincerely,

URS Corp.

Genevieve Bolling
Natural Resource Specialist

Cc: - Judi Herubin, URS
John Bednarczyk, URS
File 45550.001.0630

DEPARTMENT OF THE INTERIOR
U.S. FISH AND WILDLIFE SERVICE
TWIN CITIES FIELD OFFICE

Because of the location and type of activity proposed, this project is not likely to adversely affect any federally listed or proposed threatened or endangered species or their critical habitat. This precludes the need for further action on this project as required under Section 7 of the Endangered Species Act of 1973, as amended. However, if the project is modified or new information becomes available which indicates that listed species may be affected, consultation with this office should be reinitiated.

SIGNED: R. Nicholas Rowse DATE: 8/24/01
R. Nicholas Rowse
Fish and Wildlife Biologist
612-725-3548 x210

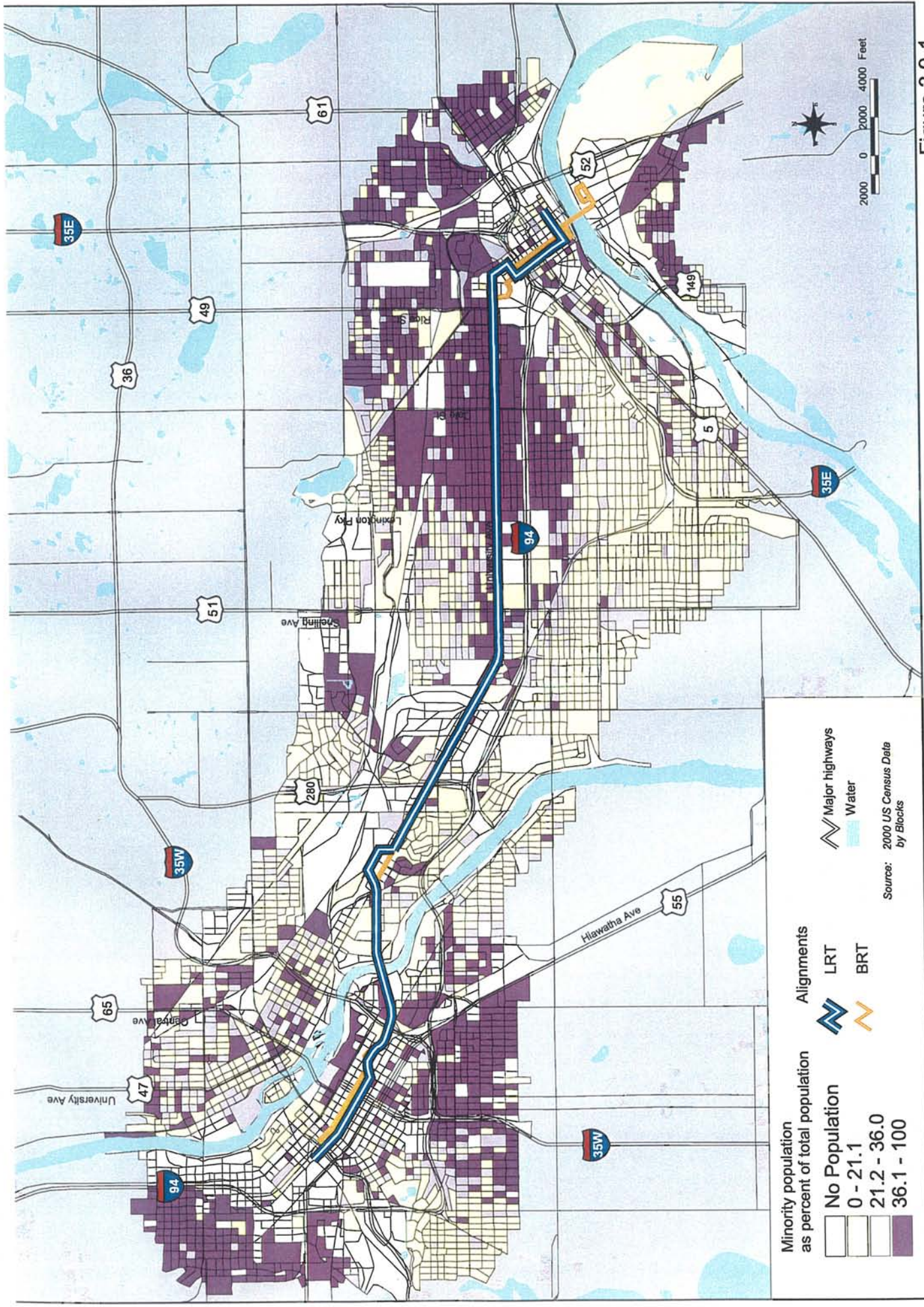


Figure 3.9-1



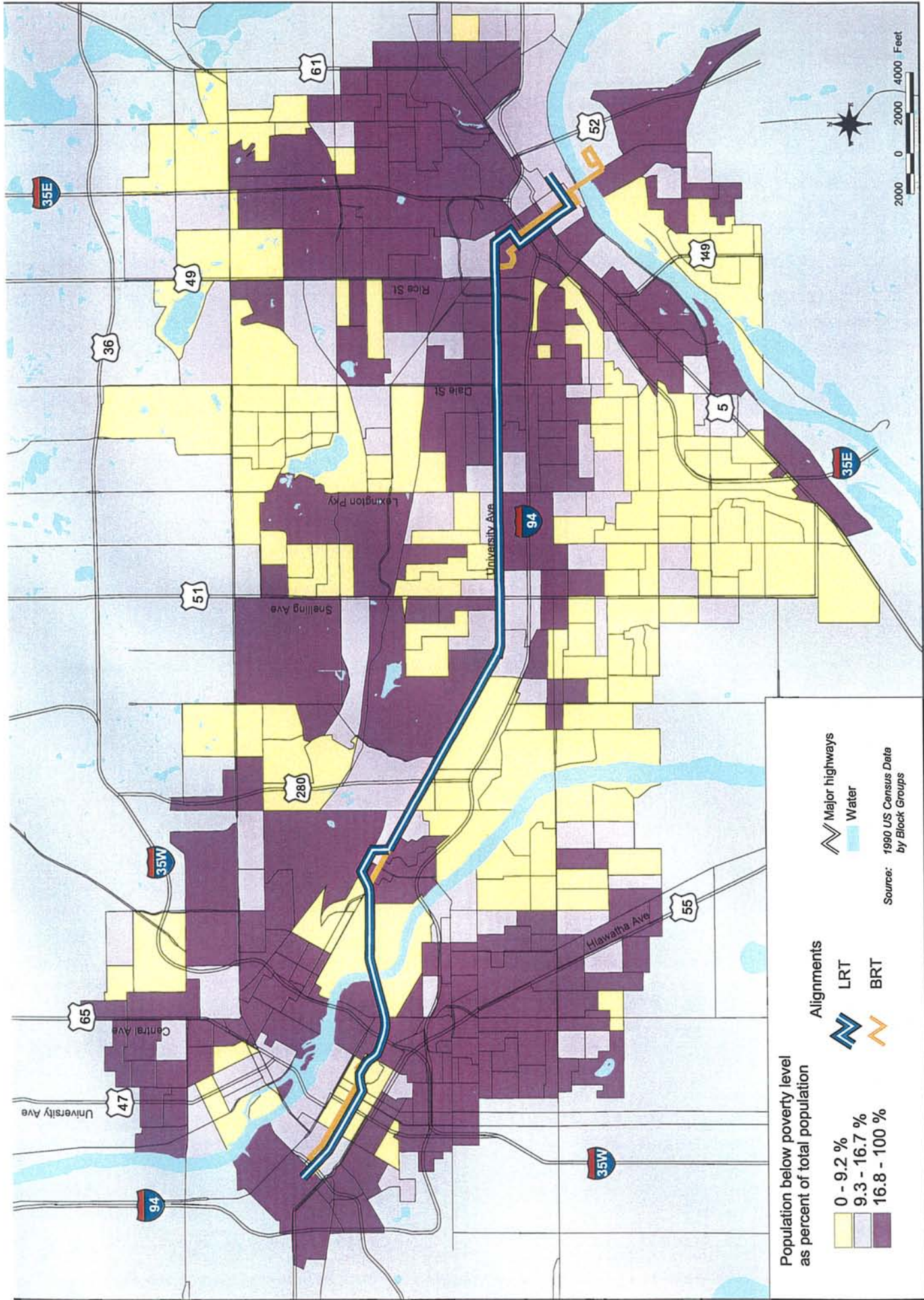


Figure 3.9-2

Population Below Poverty Level

April 2002





Minnesota Department of Natural Resources

Natural Heritage and Nongame Research Program, Box 25

500 Lafayette Road

St. Paul, Minnesota 55155-40__

APR 17 2001

Phone: (651) 296-7863 Fax: (651) 296-1811 E-mail: sarah.hoffman@dnr.state.mn.us

April 16, 2001

Genevieve Bolling
URS/BRW, Inc.
Thresher Square, 700 South 3rd
Minneapolis, MN 55415

Re: Request for Natural Heritage information for vicinity of proposed Central Corridor, T29N R24W Sec. 22, 23, 25, 26 and T29N R23W Sec. 30, Hennepin County; T29N R23W Sec. 29, 32-36 and T29N R22W Sec. 31, Ramsey County.
NHNRP Contact #: ERDB 19930046-3

Dear Ms. Bolling,

The Minnesota Natural Heritage database has been reviewed to determine if any rare plant or animal species or other significant natural features are known to occur within the sections containing the project, plus all sections within ½ mile of the project. Based on this review, there are 11 known occurrences of rare species or natural communities in the area searched (for details, see enclosed database printout and explanation of selected fields). However, based on the nature and location of the proposed project I do not believe it will affect any known occurrences of rare features.

The Natural Heritage database is maintained by the Natural Heritage and Nongame Research Program, a unit within the Division of Ecological Services, Department of Natural Resources. It is continually updated as new information becomes available, and is the most complete source of data on Minnesota's rare or otherwise significant species, natural communities, and other natural features. Its purpose is to foster better understanding and protection of these features.

Because our information is not based on a comprehensive inventory, there may be rare or otherwise significant natural features in the state that are not represented in the database. A county-by-county survey of rare natural features is now underway, and has been completed for Hennepin and Ramsey Counties. Our information about natural communities is, therefore, quite thorough for that county. However, because survey work for rare plants and animals is less exhaustive, and because there has not been an on-site survey of all areas of the county, ecologically significant features for which we have no records may exist on the project area.

The enclosed results of the database search are provided in two formats: index and full record. To control the release of locational information which might result in the damage or destruction of a rare element, both printout formats are copyrighted.

The index provides rare feature locations only to the nearest section, and may be reprinted, unaltered, in an Environmental Assessment Worksheet, municipal natural resource plan, or report compiled by your company for the project listed above. If you wish to reproduce the index for any other purpose, please contact me to request written permission. Copyright notice for the index should include the following disclaimer:

"Copyright (year) State of Minnesota, Department of Natural Resources. This index may be reprinted, unaltered, in Environmental Assessment Worksheets, municipal

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natural resource plans, and internal reports. For any other use, written permission is required.”

The full-record printout includes more detailed locational information, and is for your personal use only. If you wish to reprint the full-record printouts for any purpose, please contact me to request written permission.

Please be aware that review by the Natural Heritage and Nongame Research Program focuses only on *rare natural features*. It does not constitute review or approval by the Department of Natural Resources as a whole. If you require further information on the environmental review process for other wildlife-related issues, you may contact your Regional Environmental Assessment Ecologist, Wayne Barstad, at (651)772-7940.

An invoice for the work completed is enclosed. You are being billed for map and database search and staff scientist review. Please forward this invoice to your Accounts Payable Department. Thank you for consulting us on this matter, and for your interest in preserving Minnesota's rare natural resources.

Sincerely,



Sarah D. Hoffmann
Environmental Review Coordinator / Ecologist

encl: Database search results
Rare Feature Database Print-Outs: An Explanation of Fields
Invoice